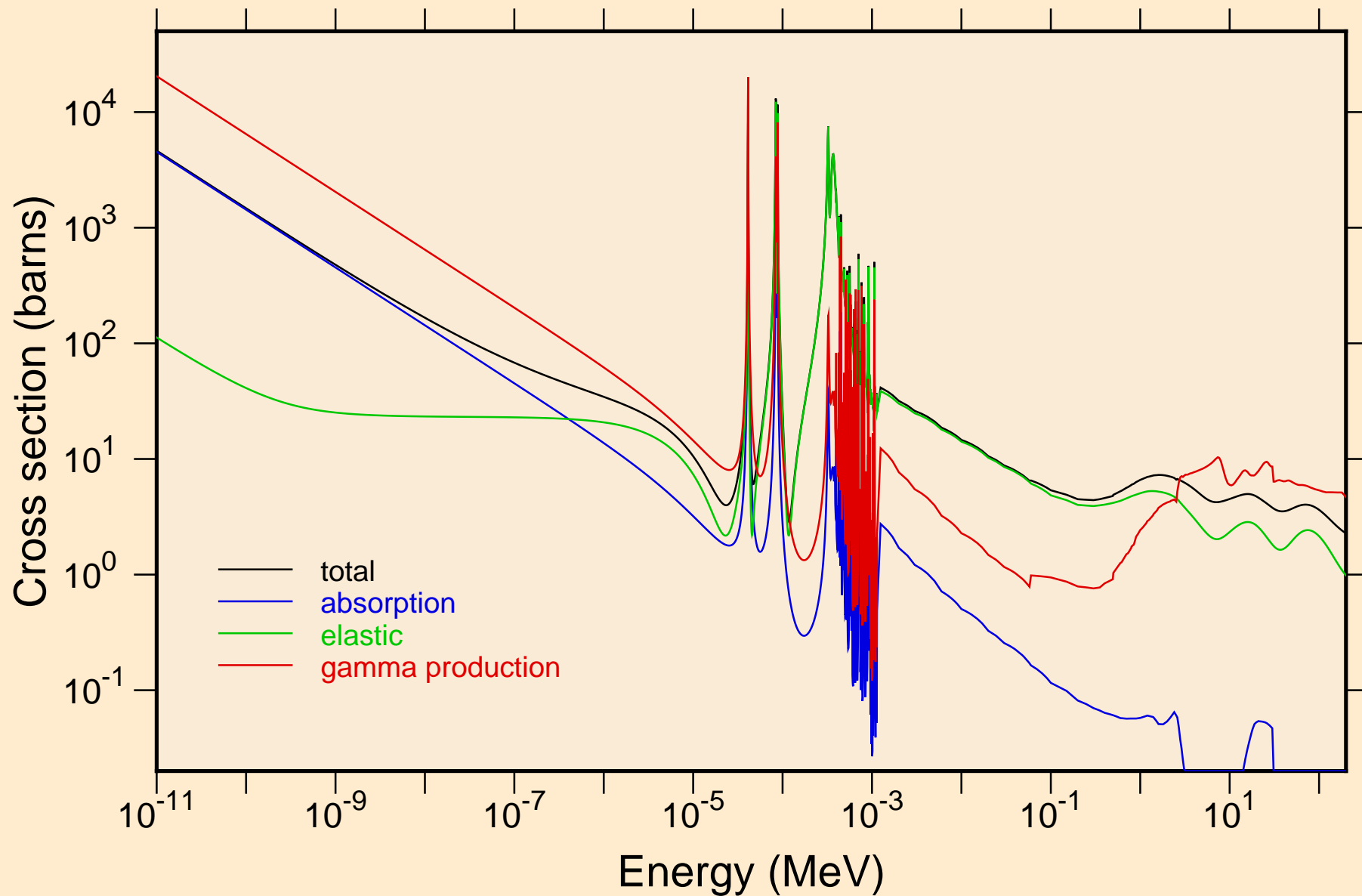
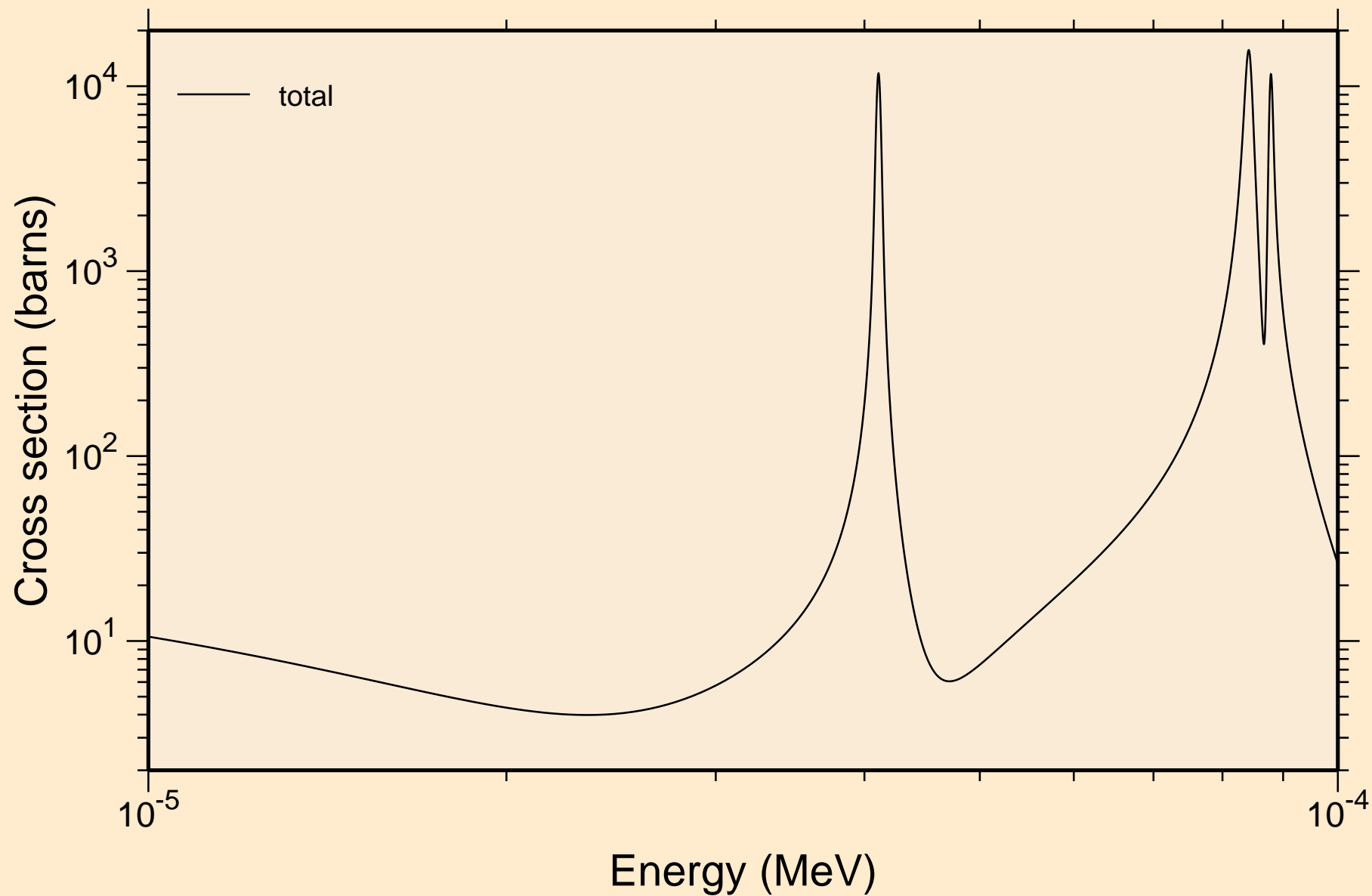


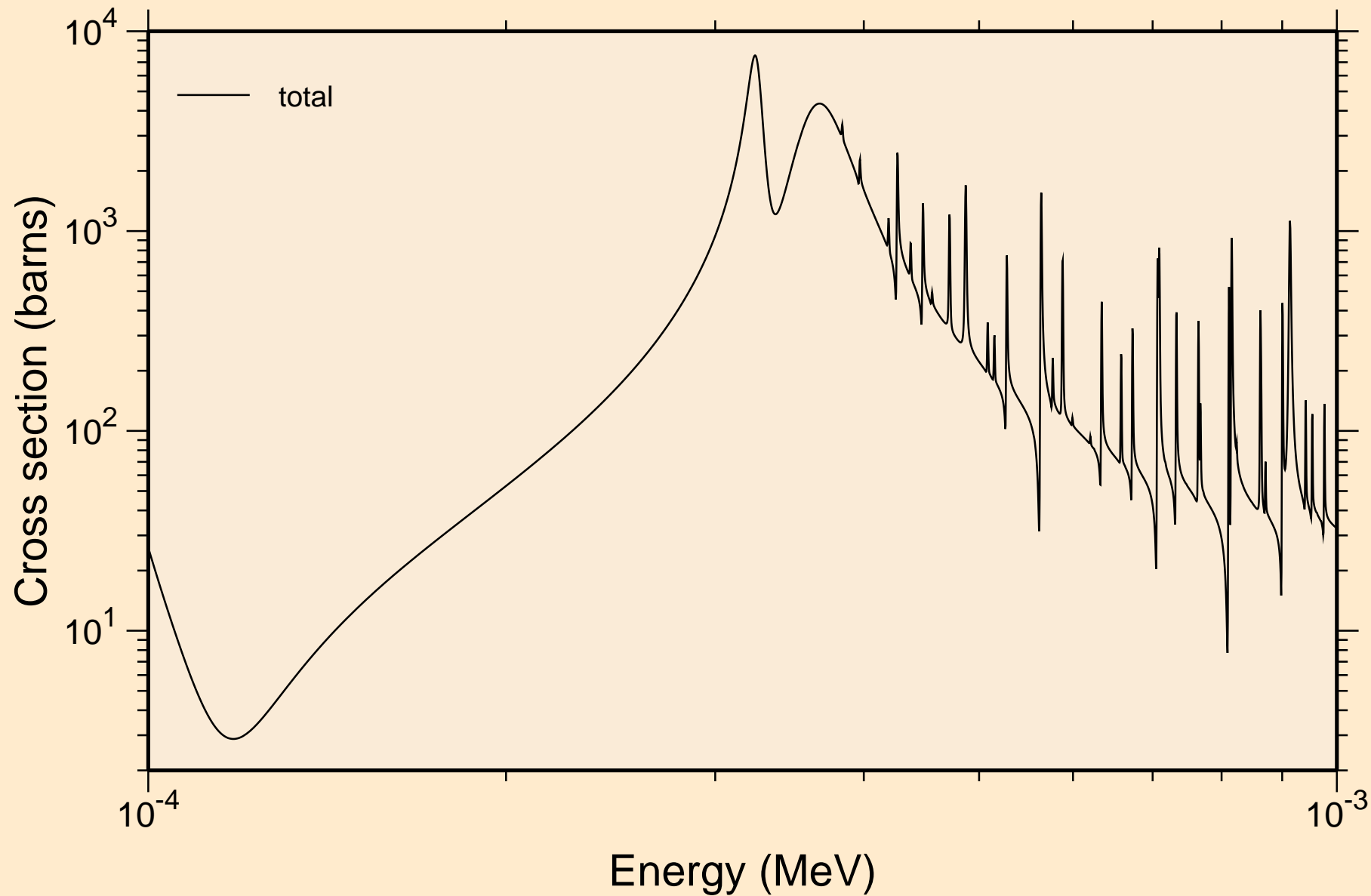
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



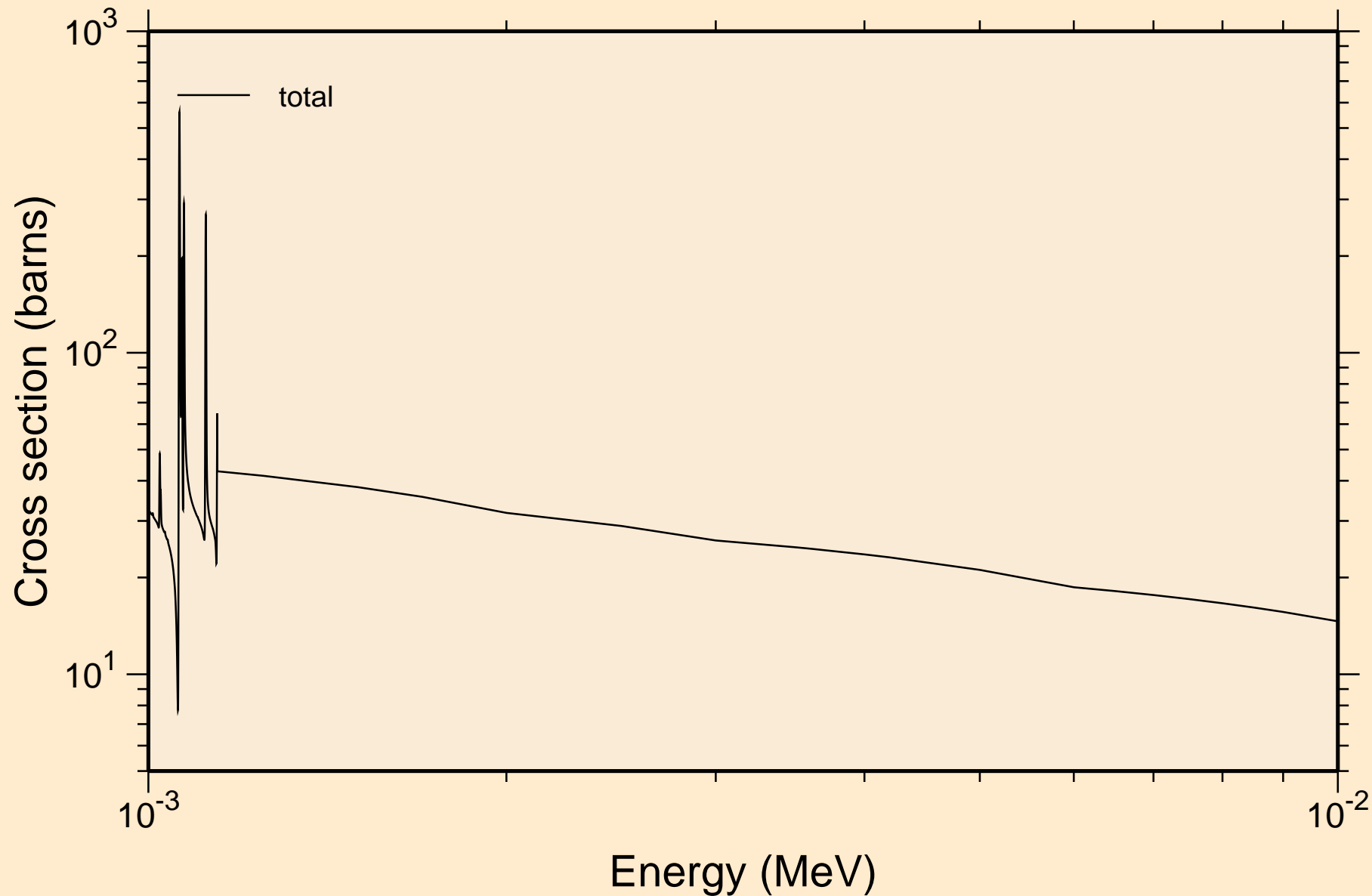
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



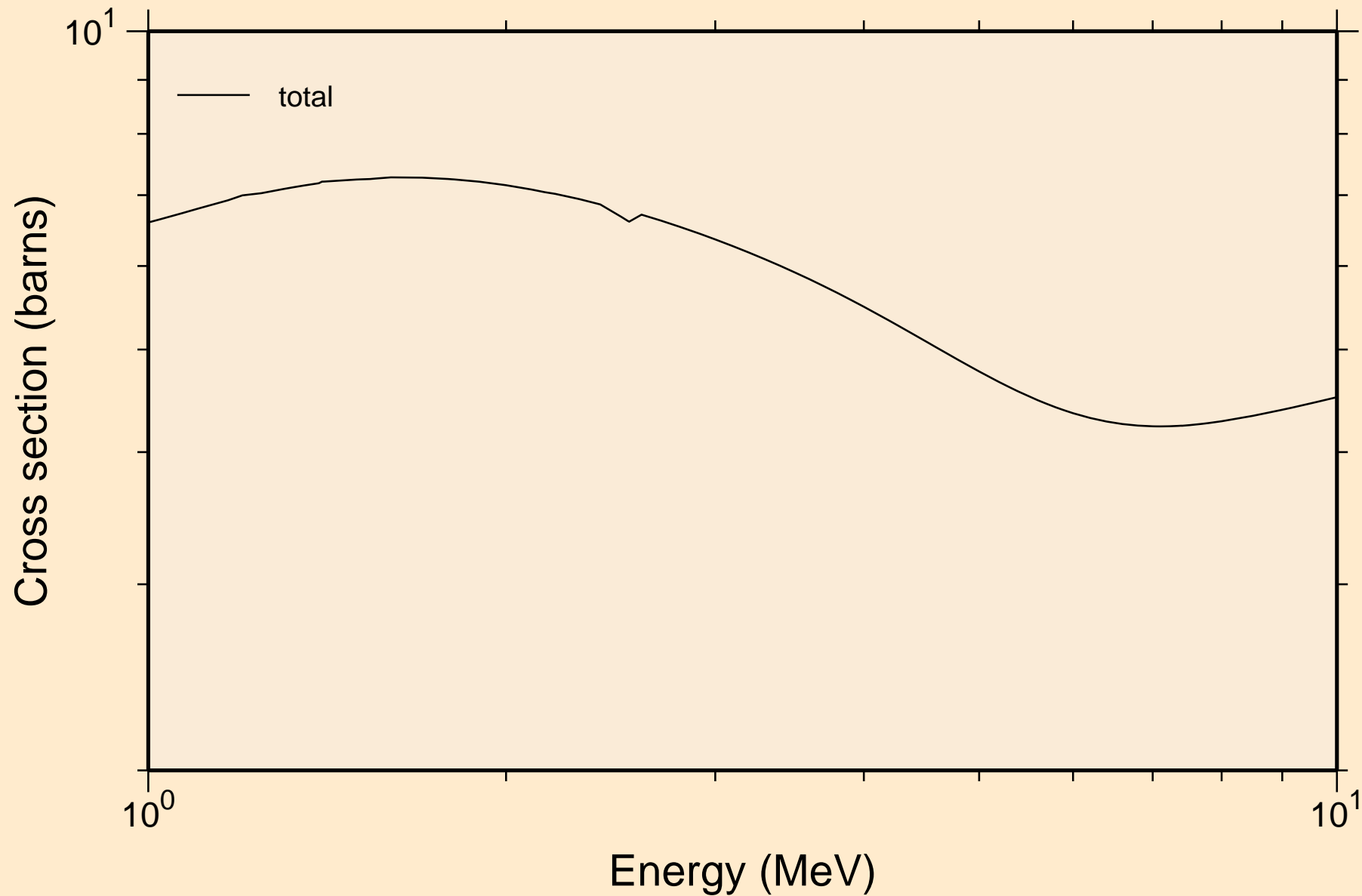
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



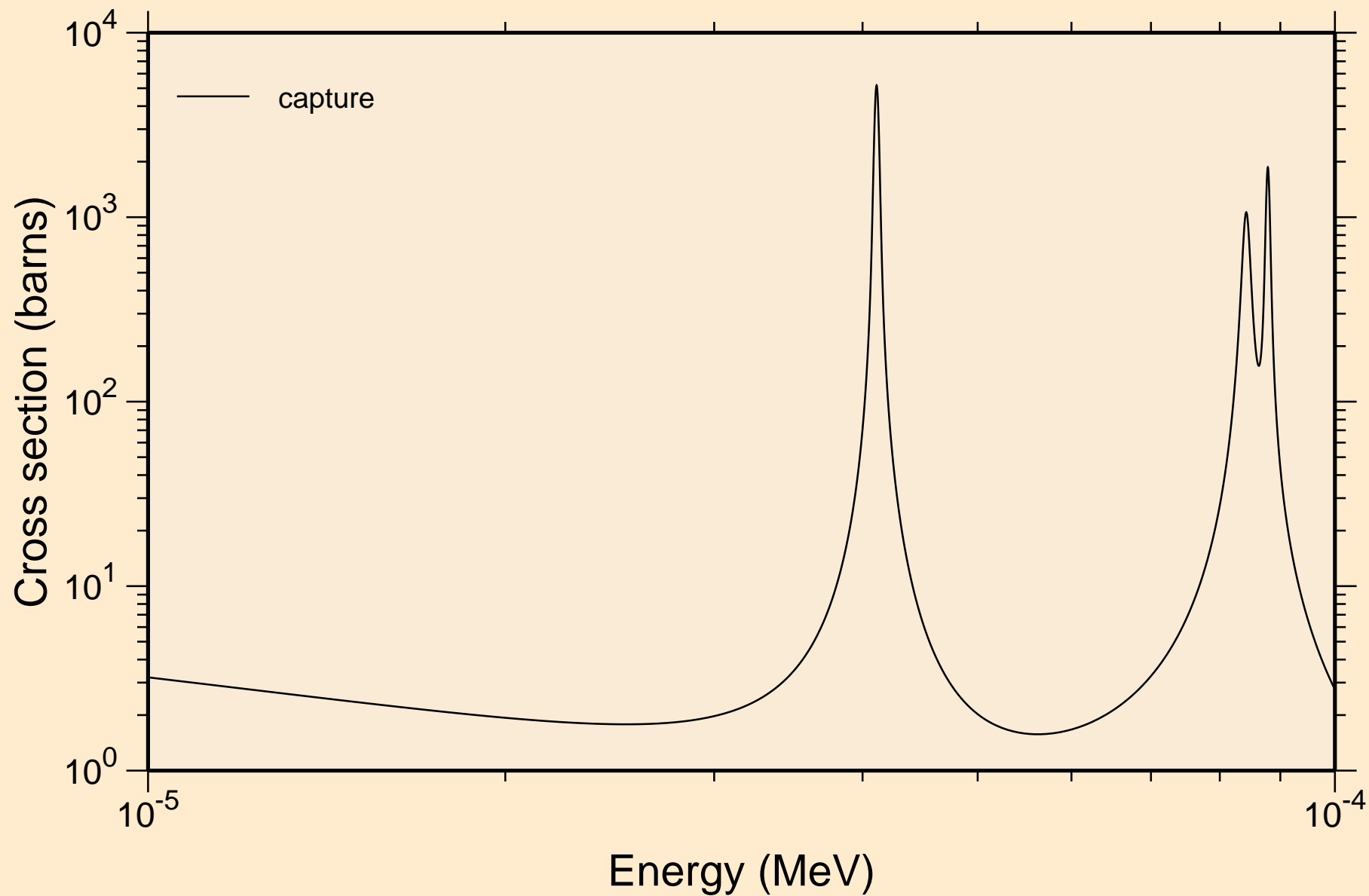
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



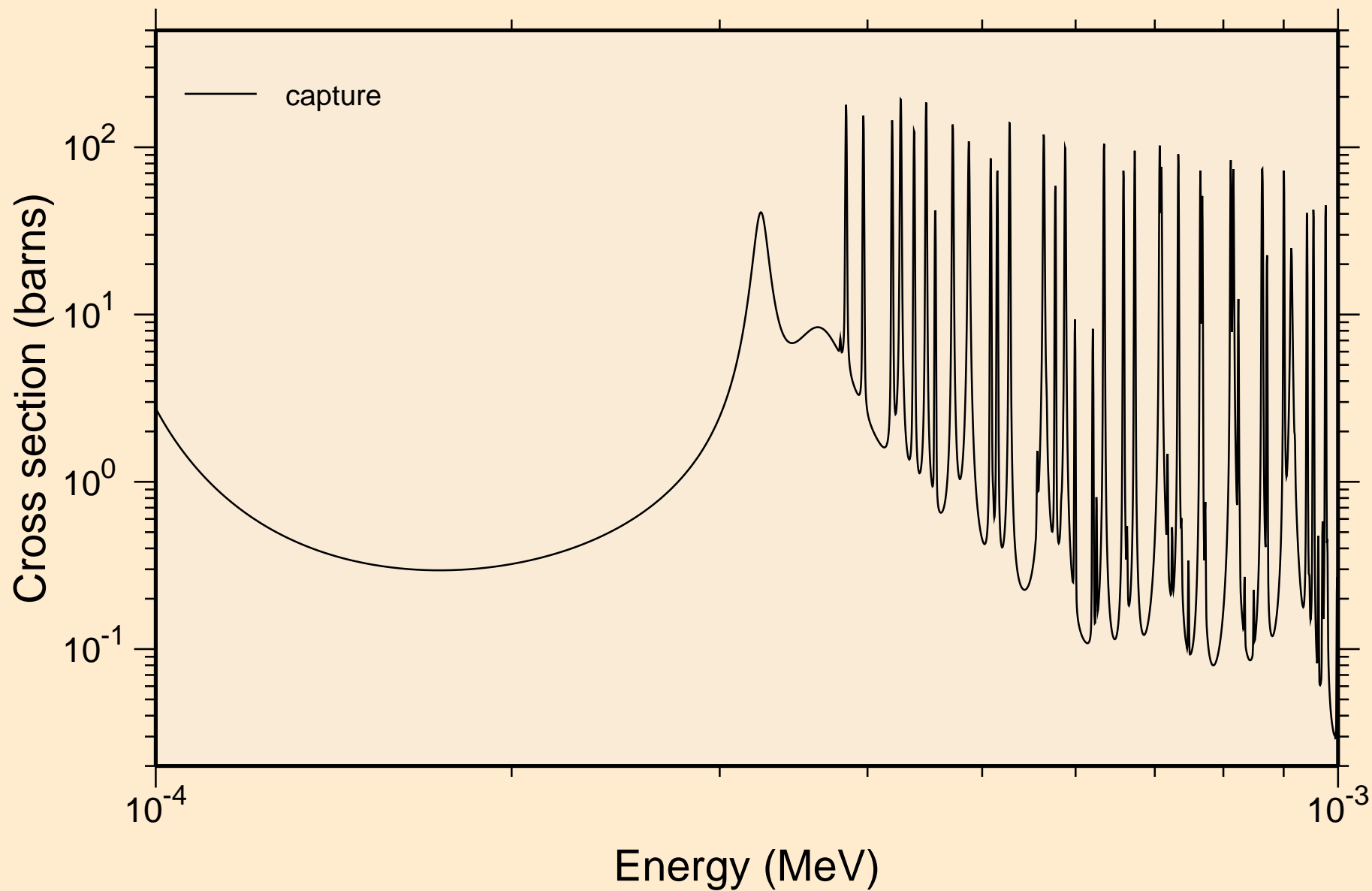
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



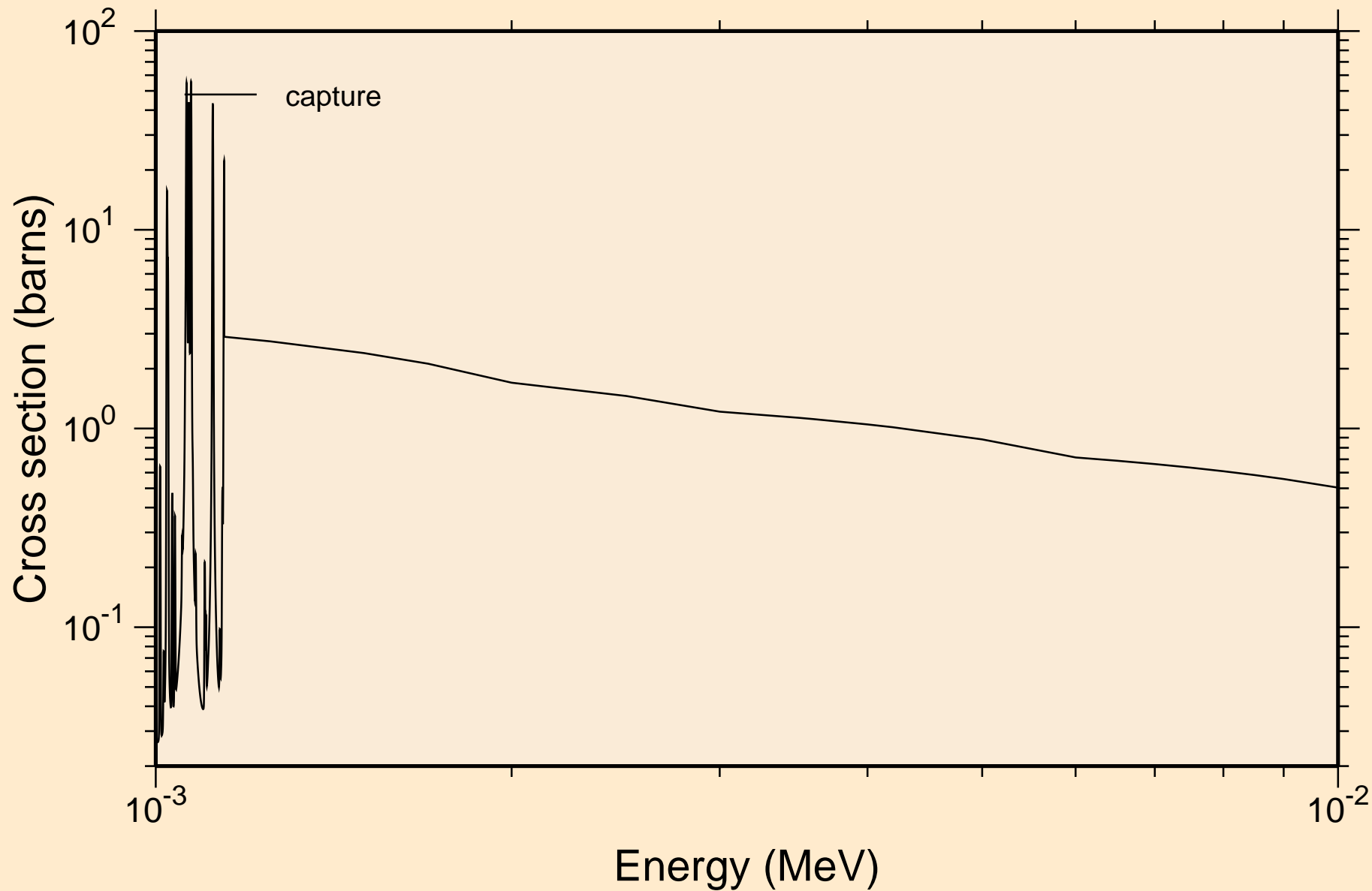
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

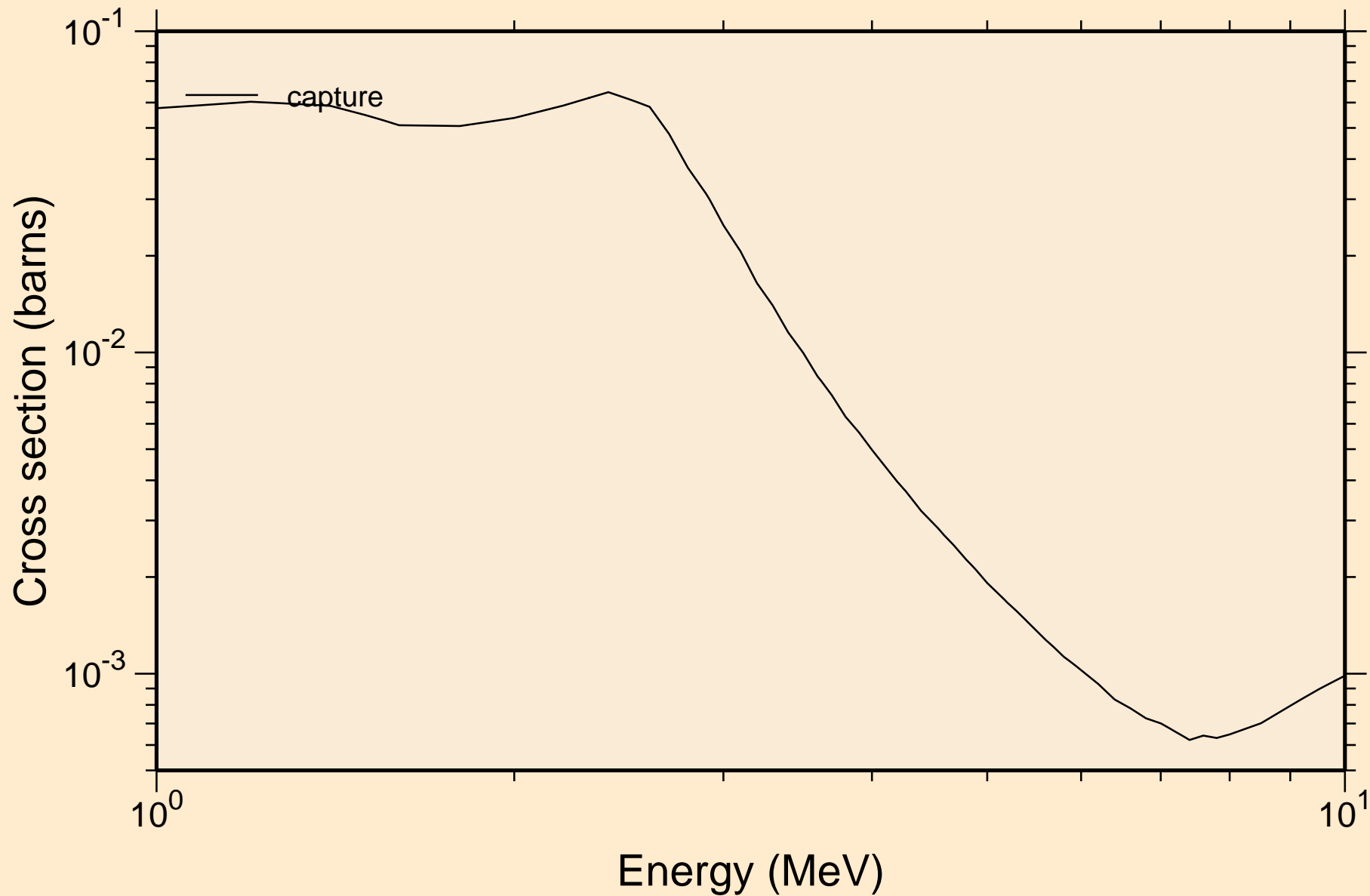


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

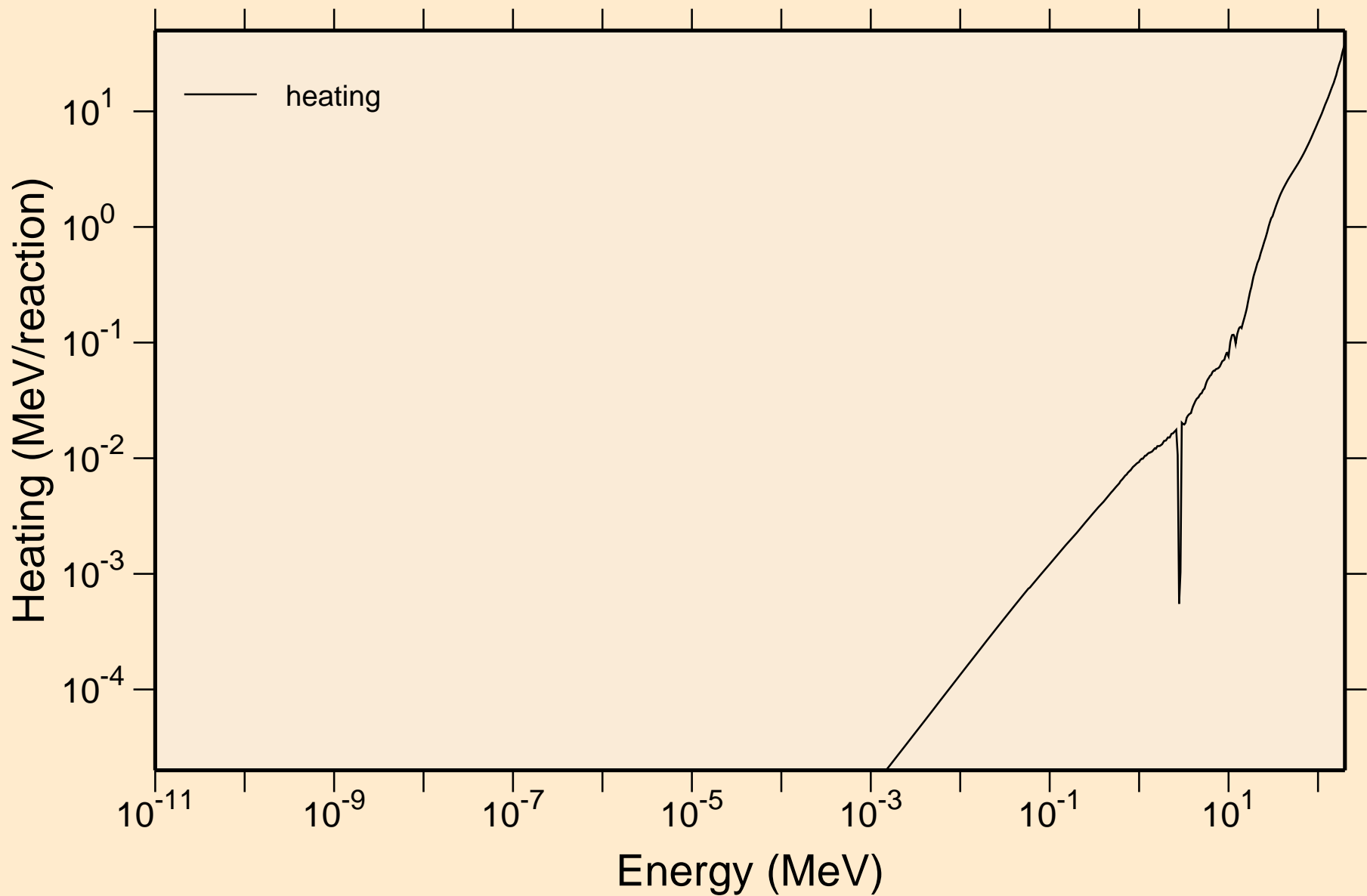




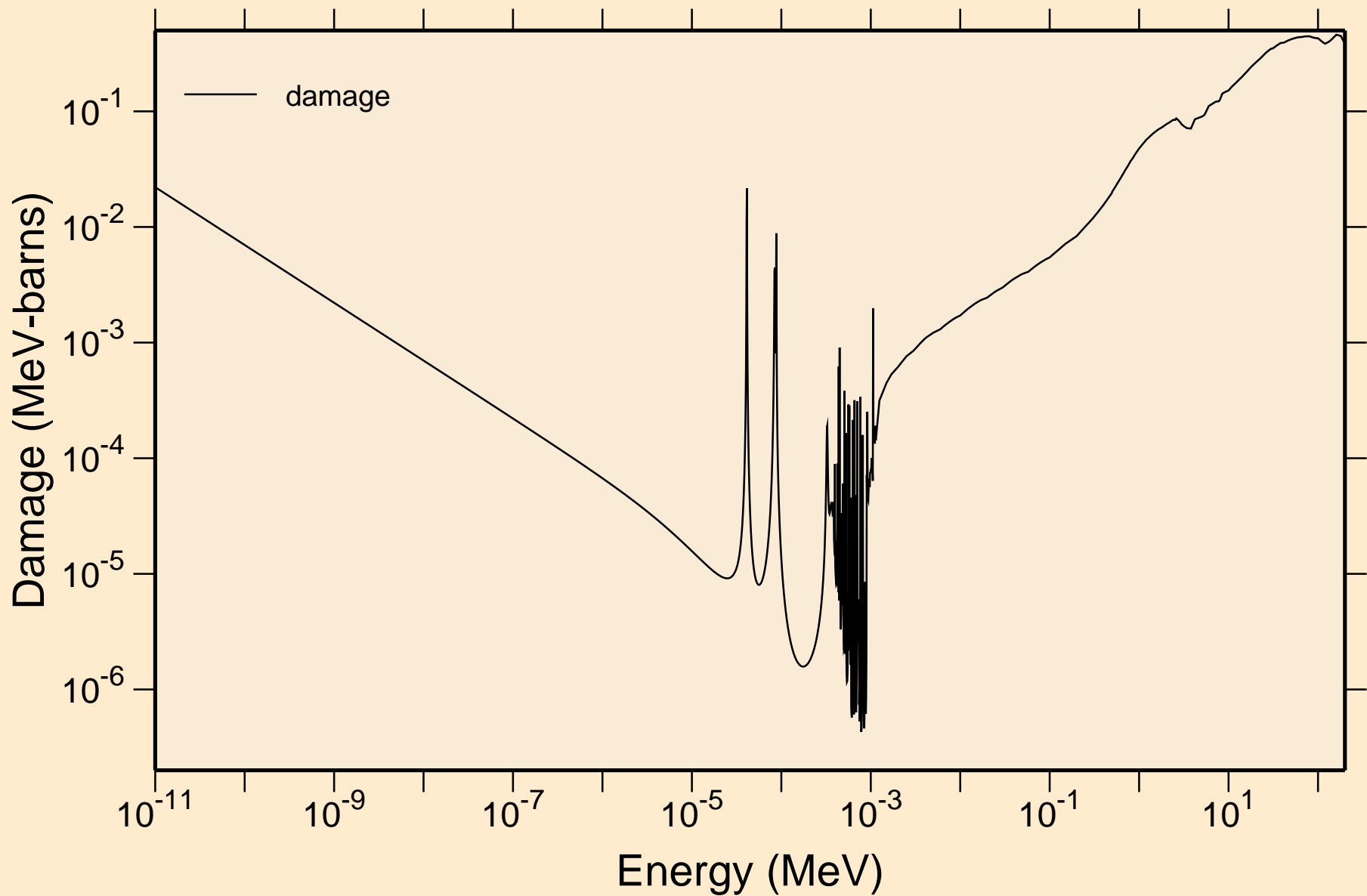
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



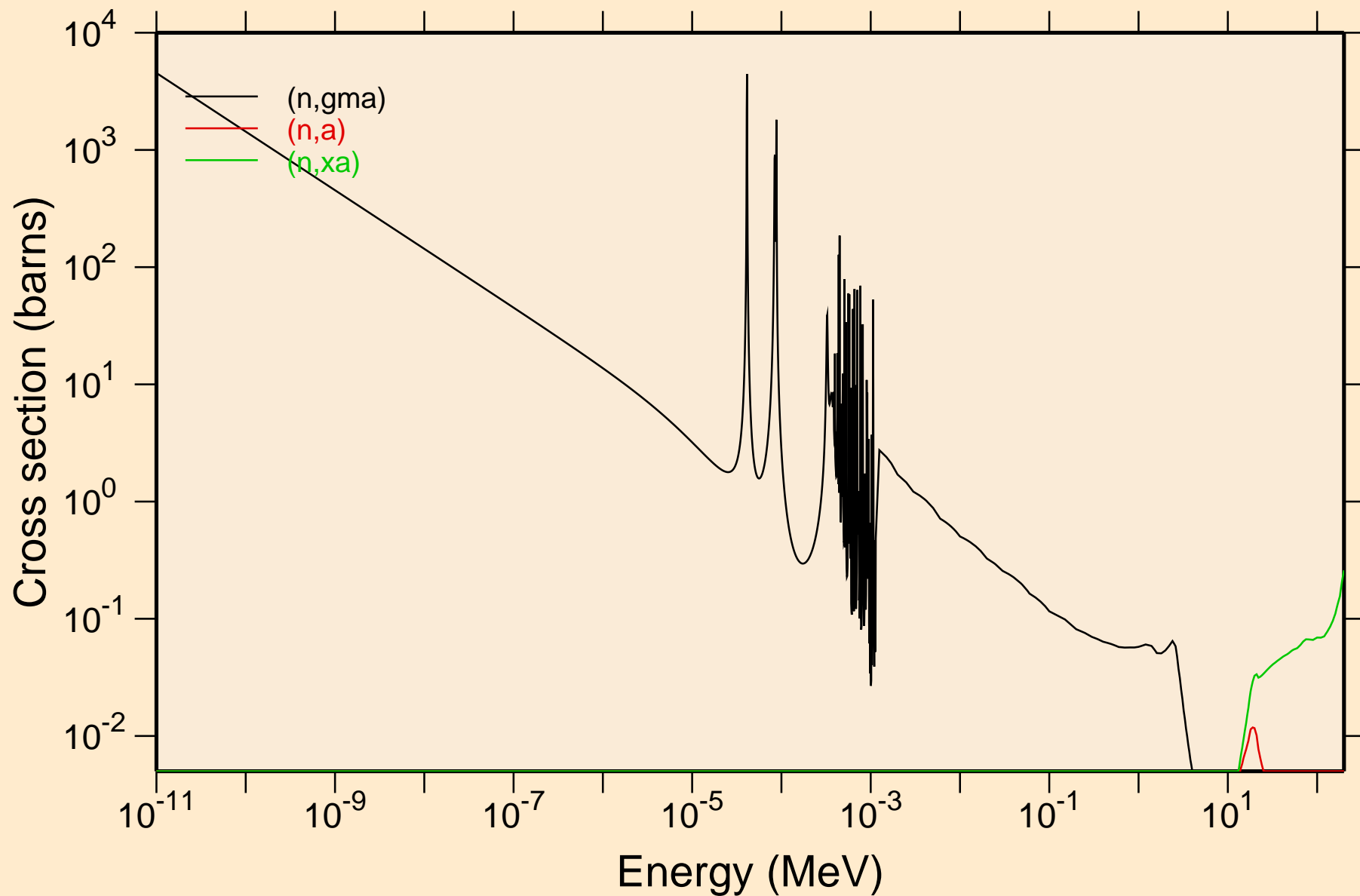
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



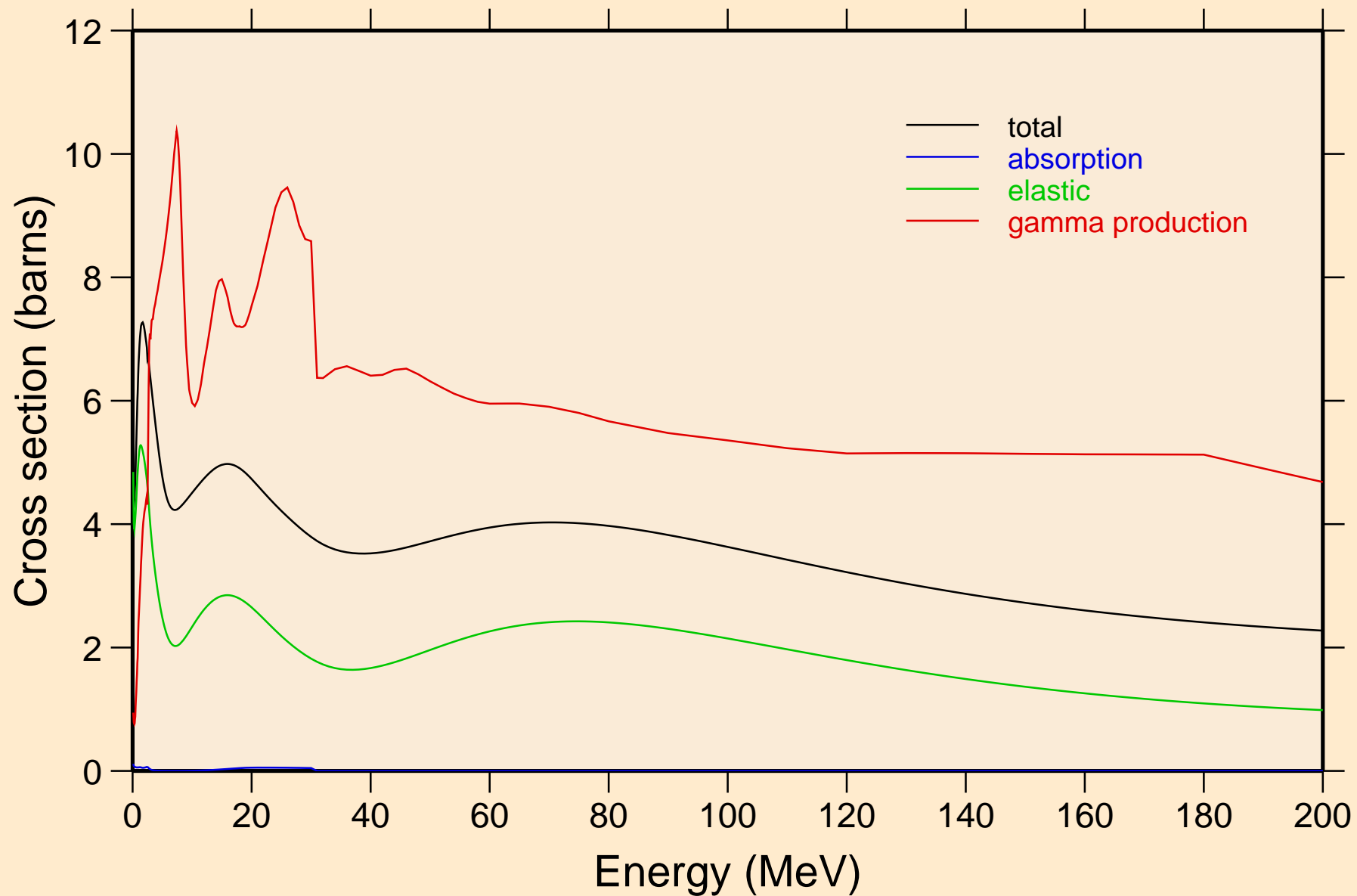
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Damage



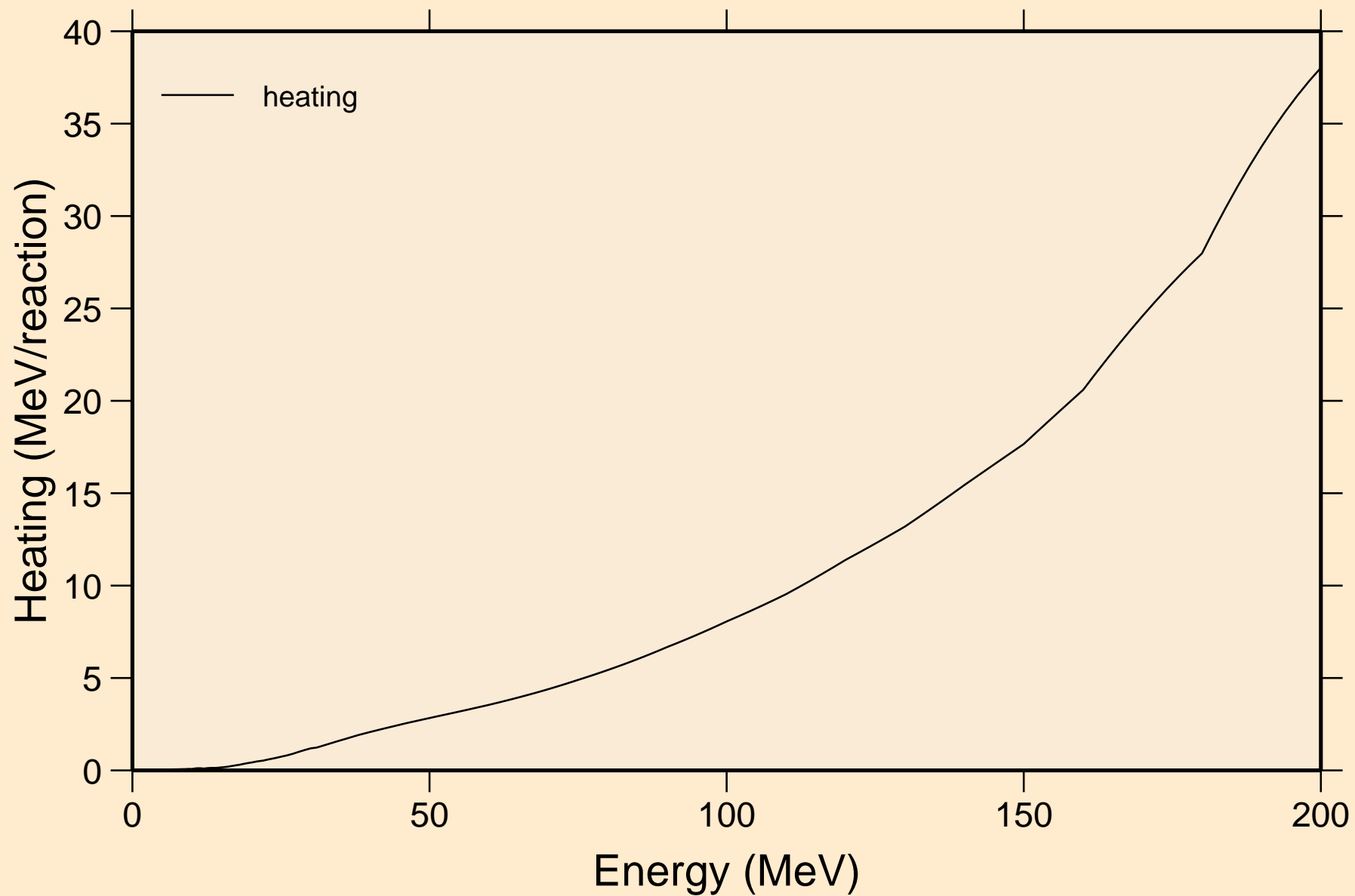
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



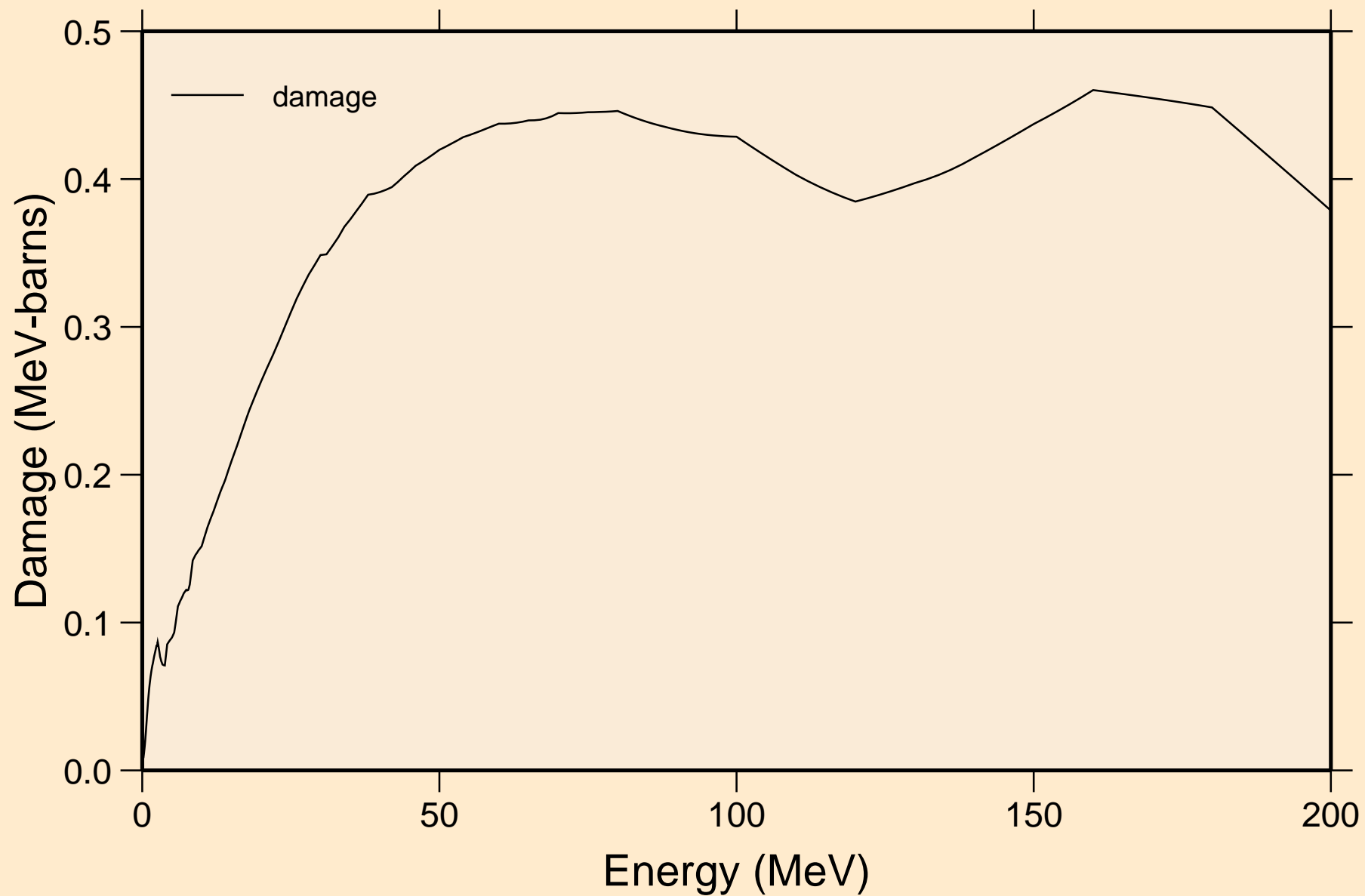
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



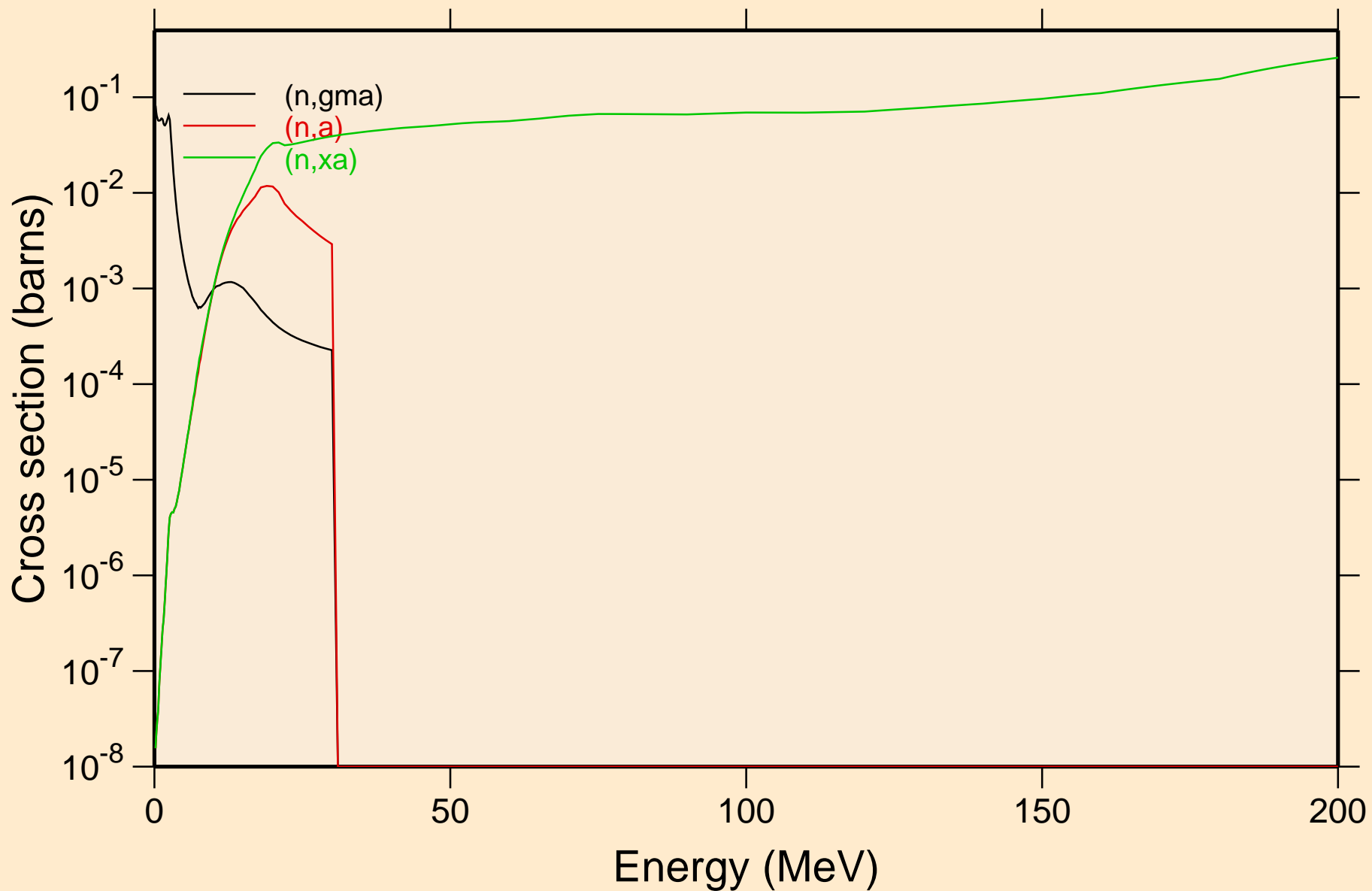
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

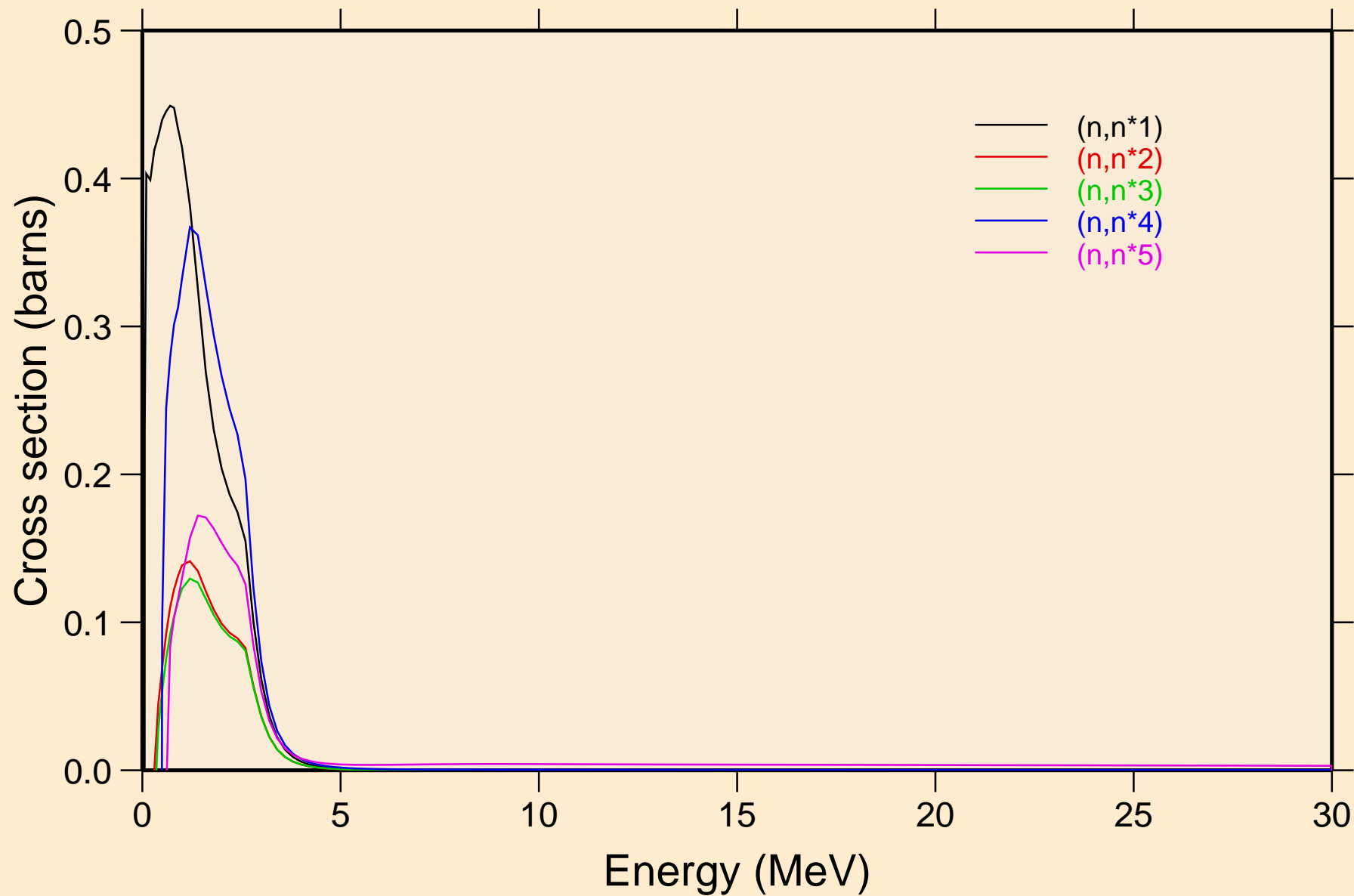


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

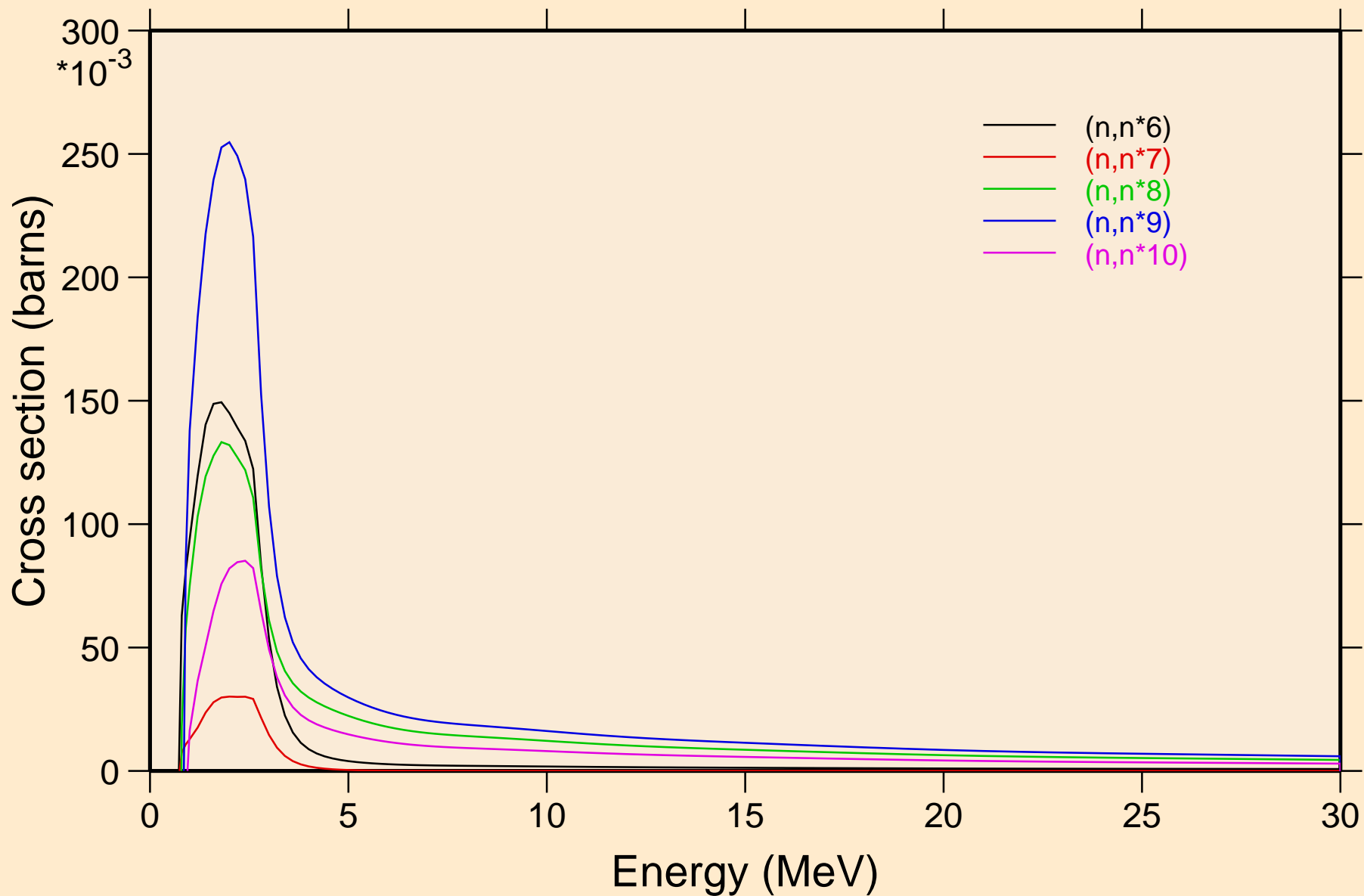




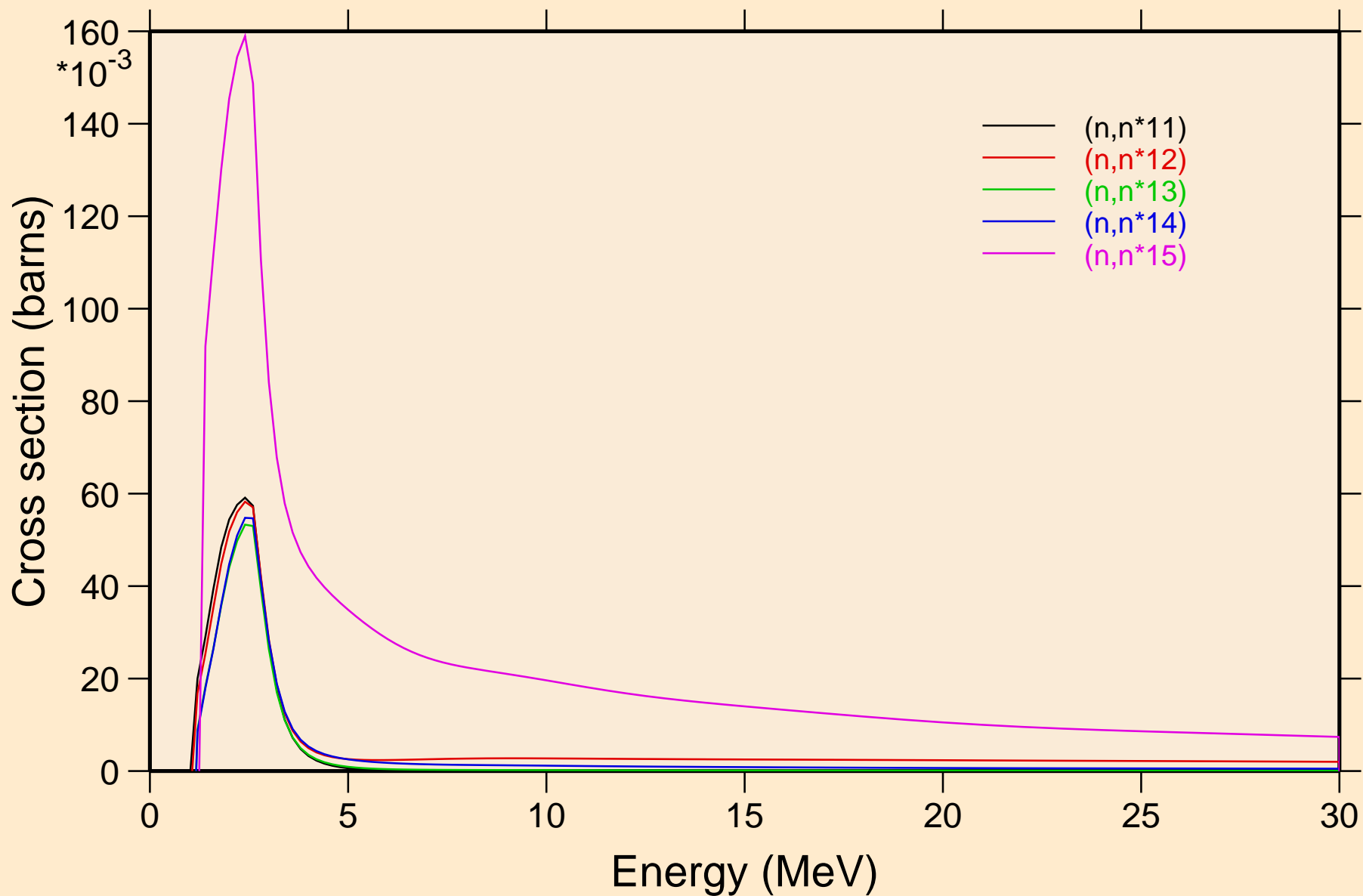
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Inelastic levels



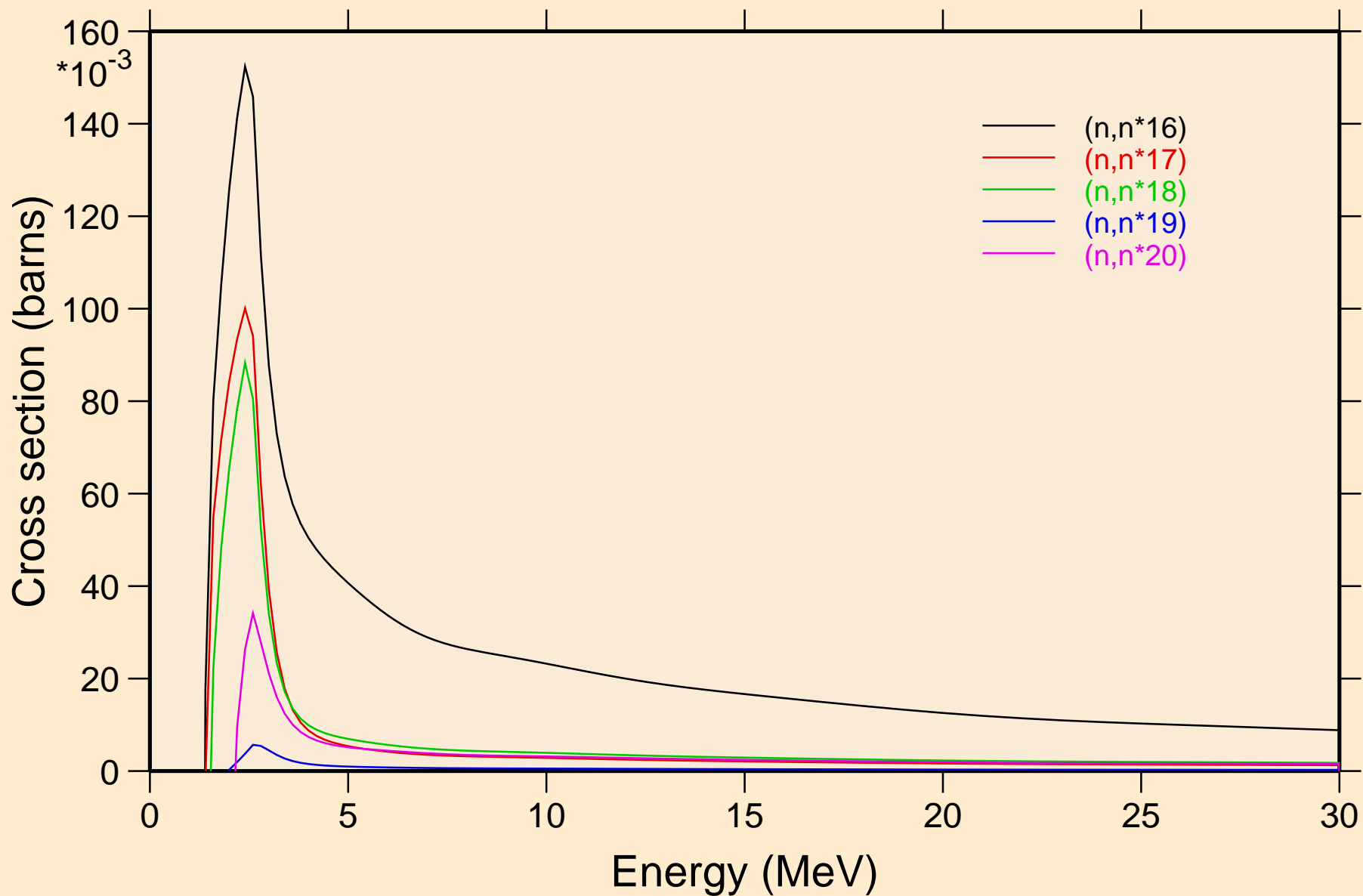
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



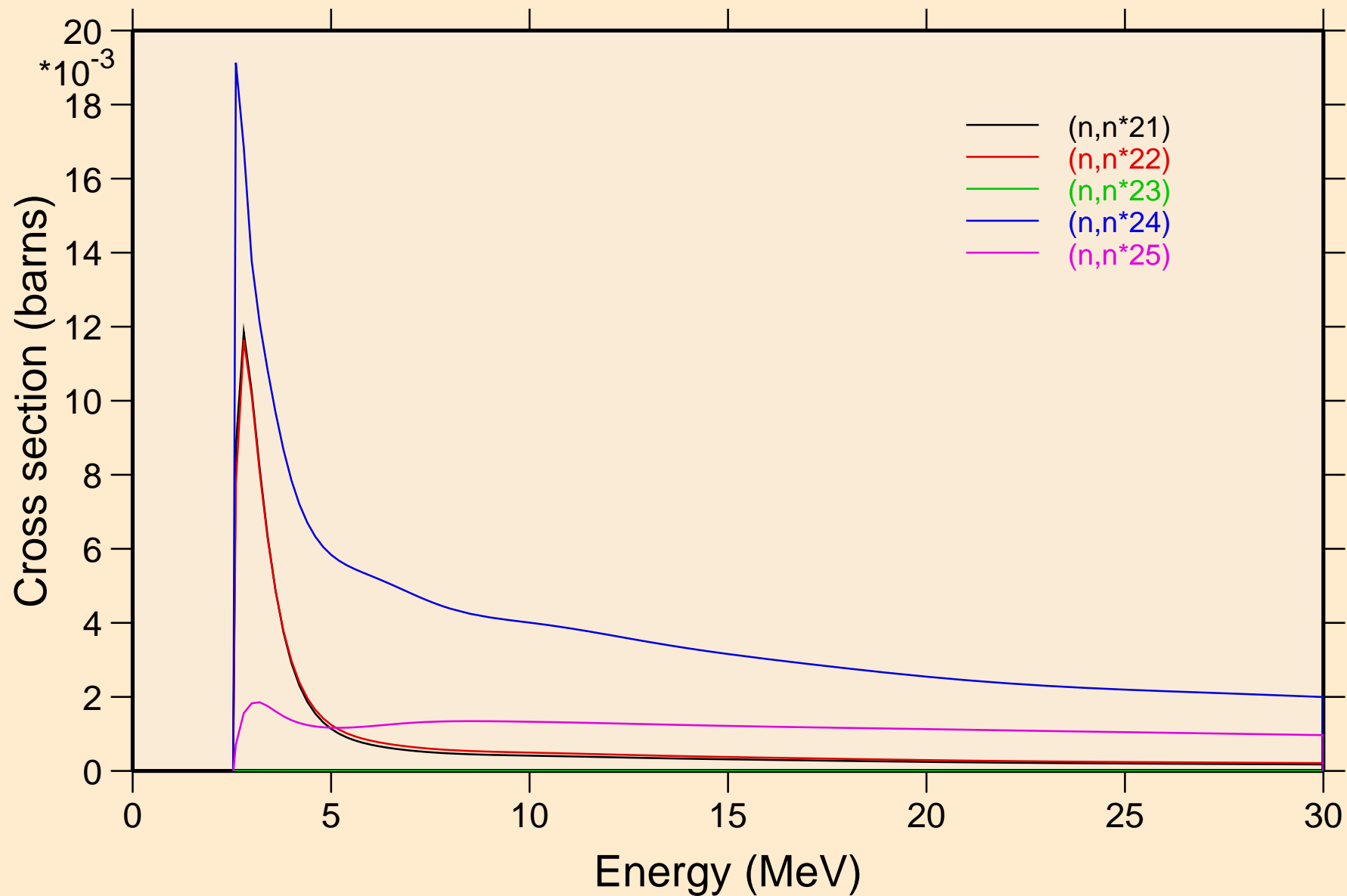
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



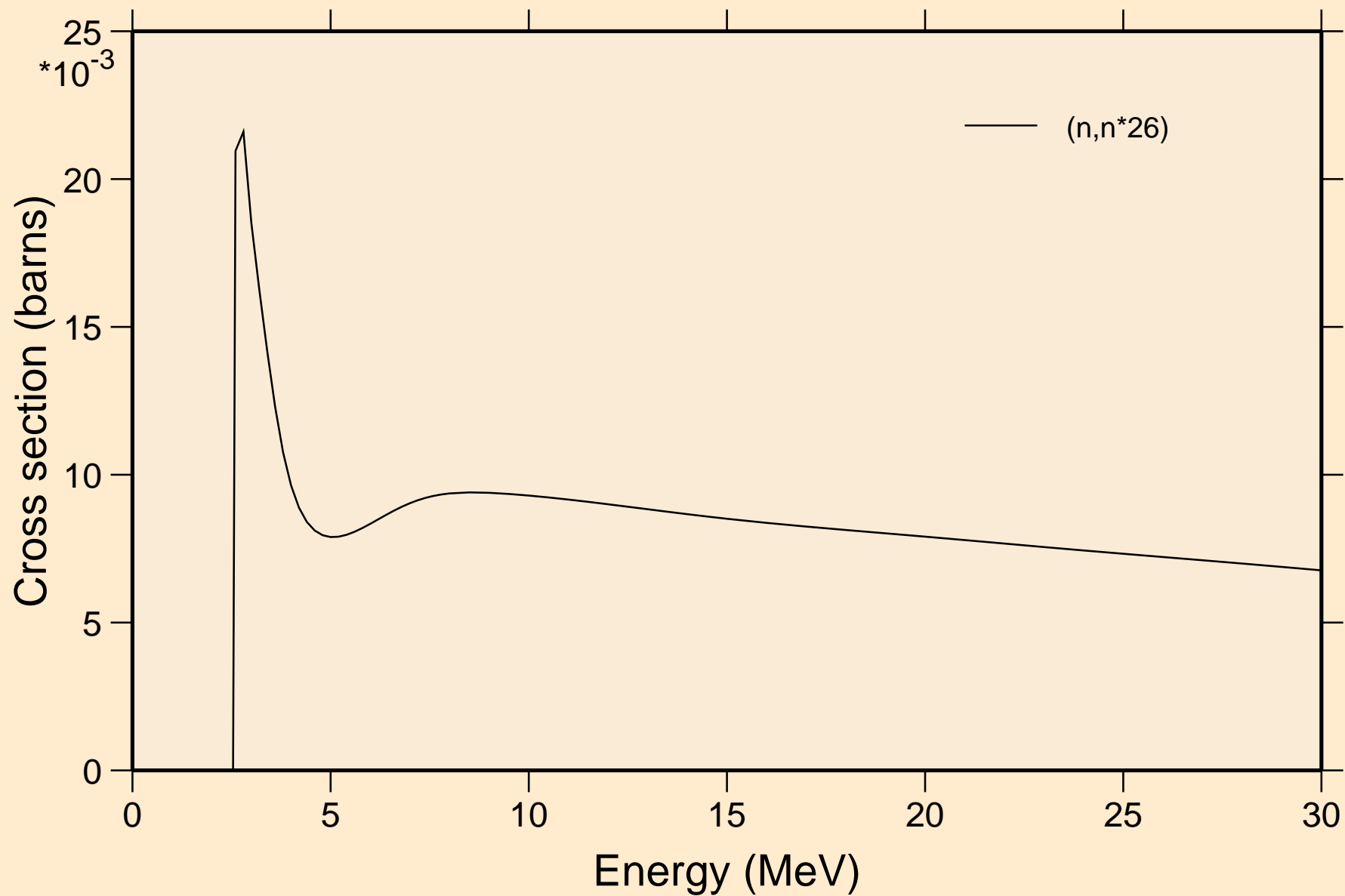
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



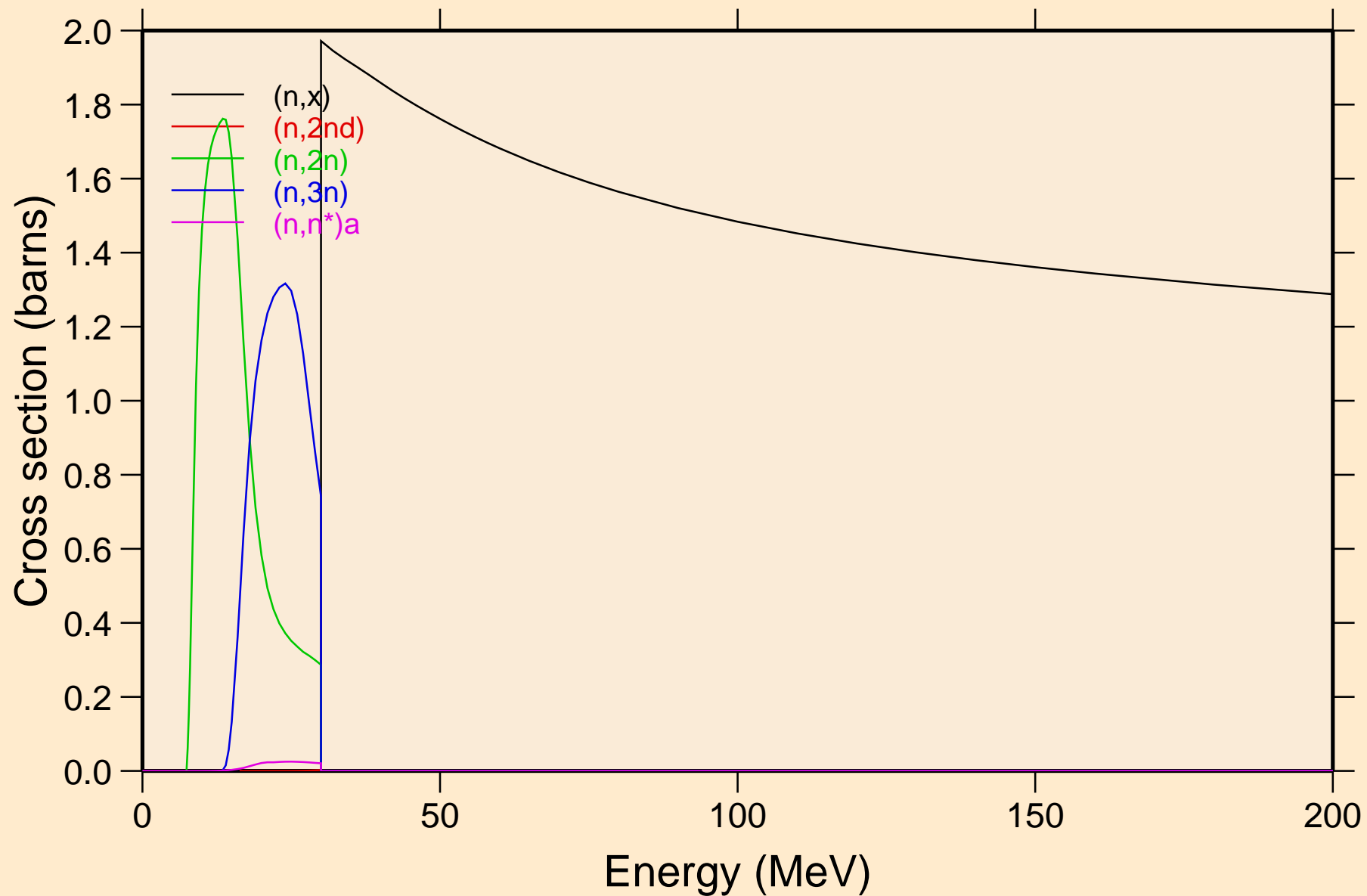
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



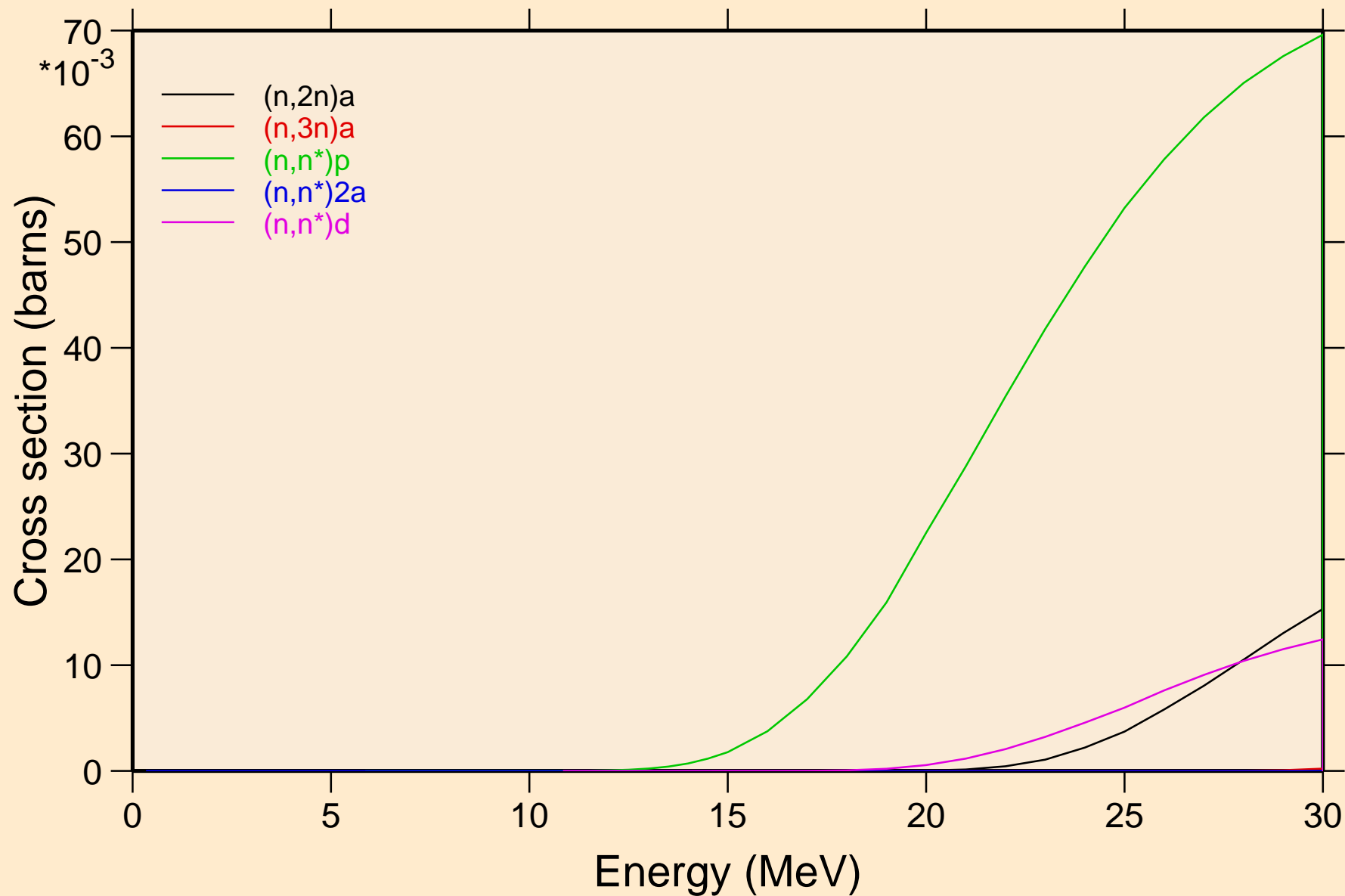
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Inelastic levels



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

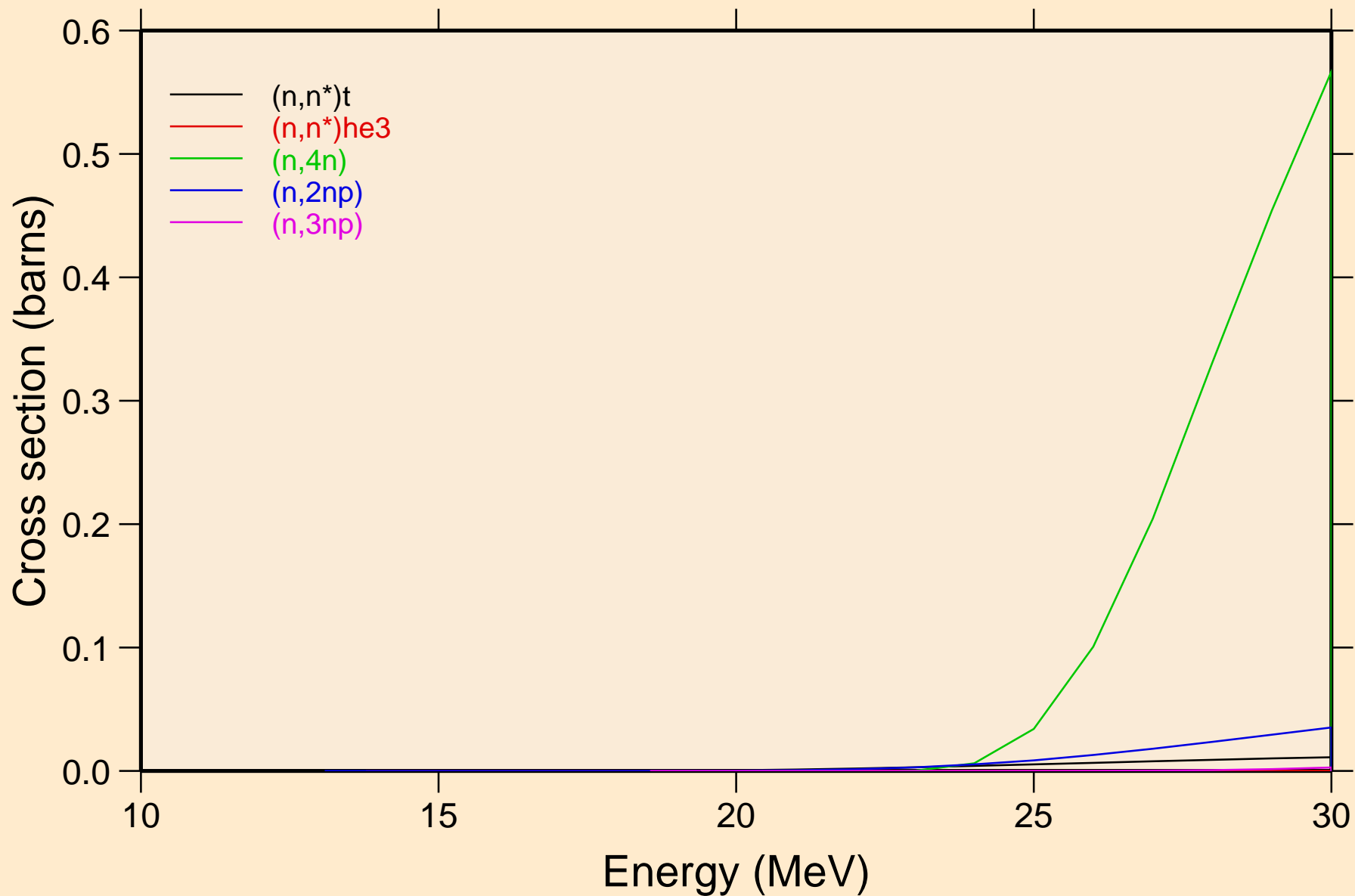


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

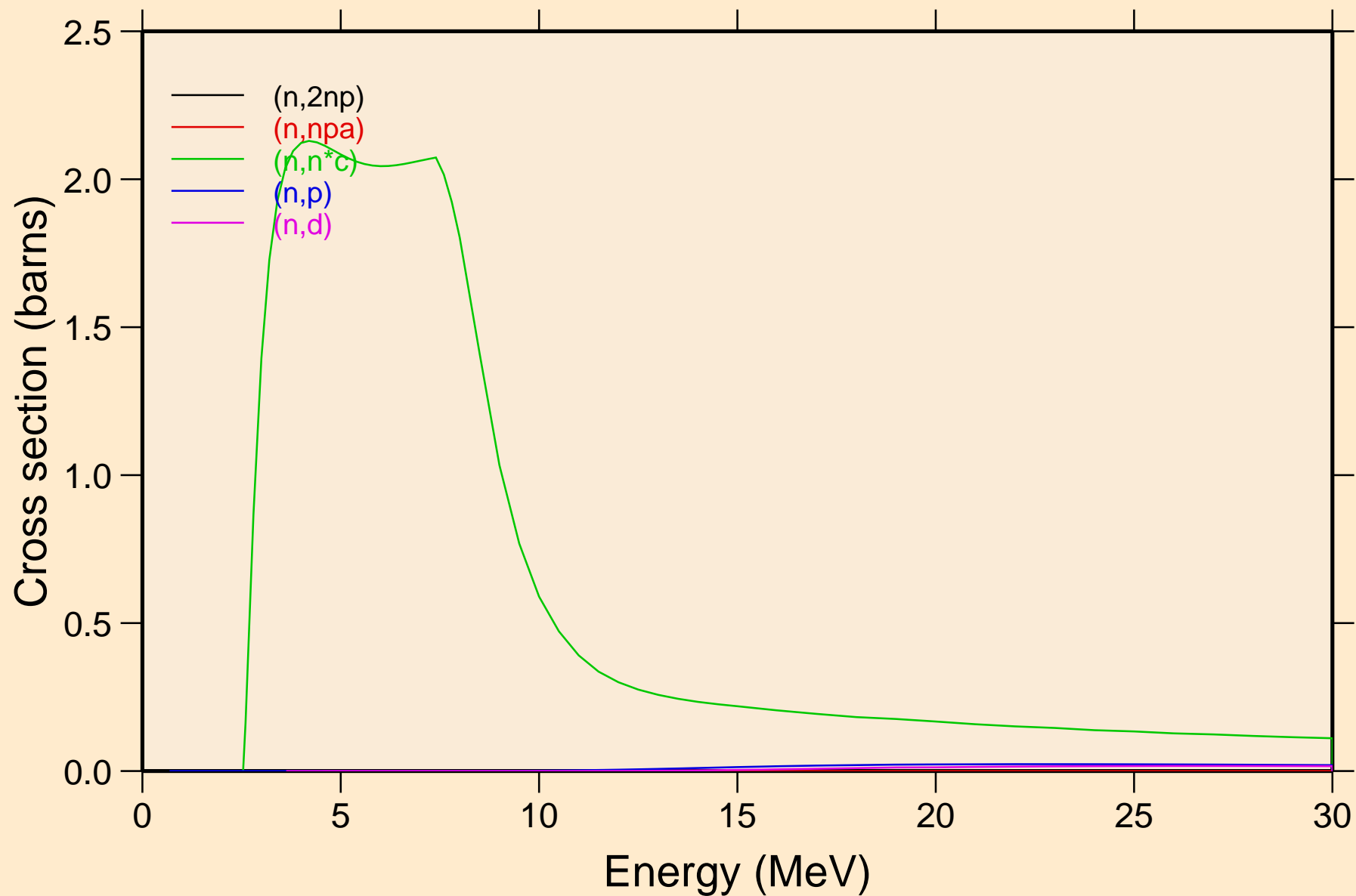




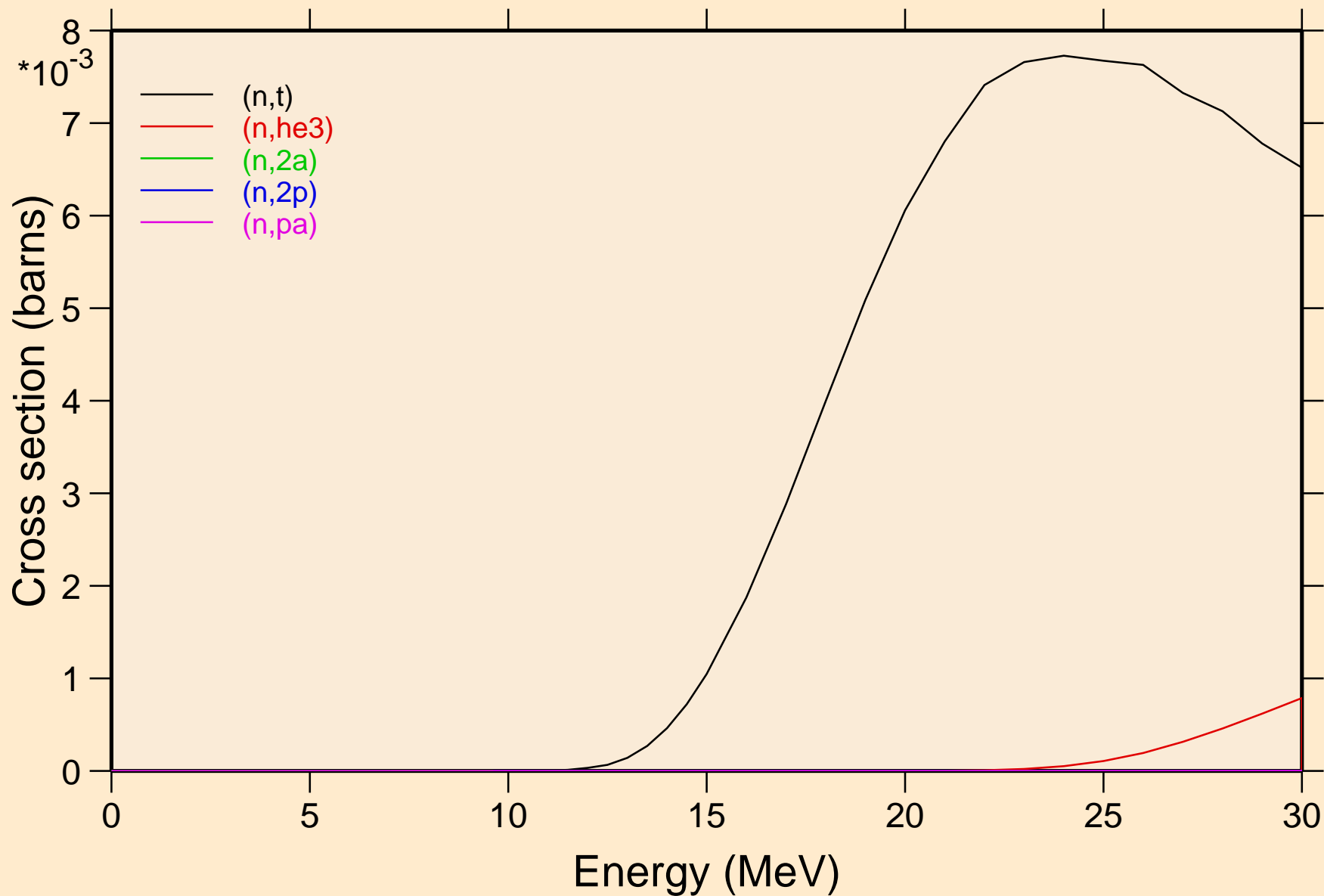
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



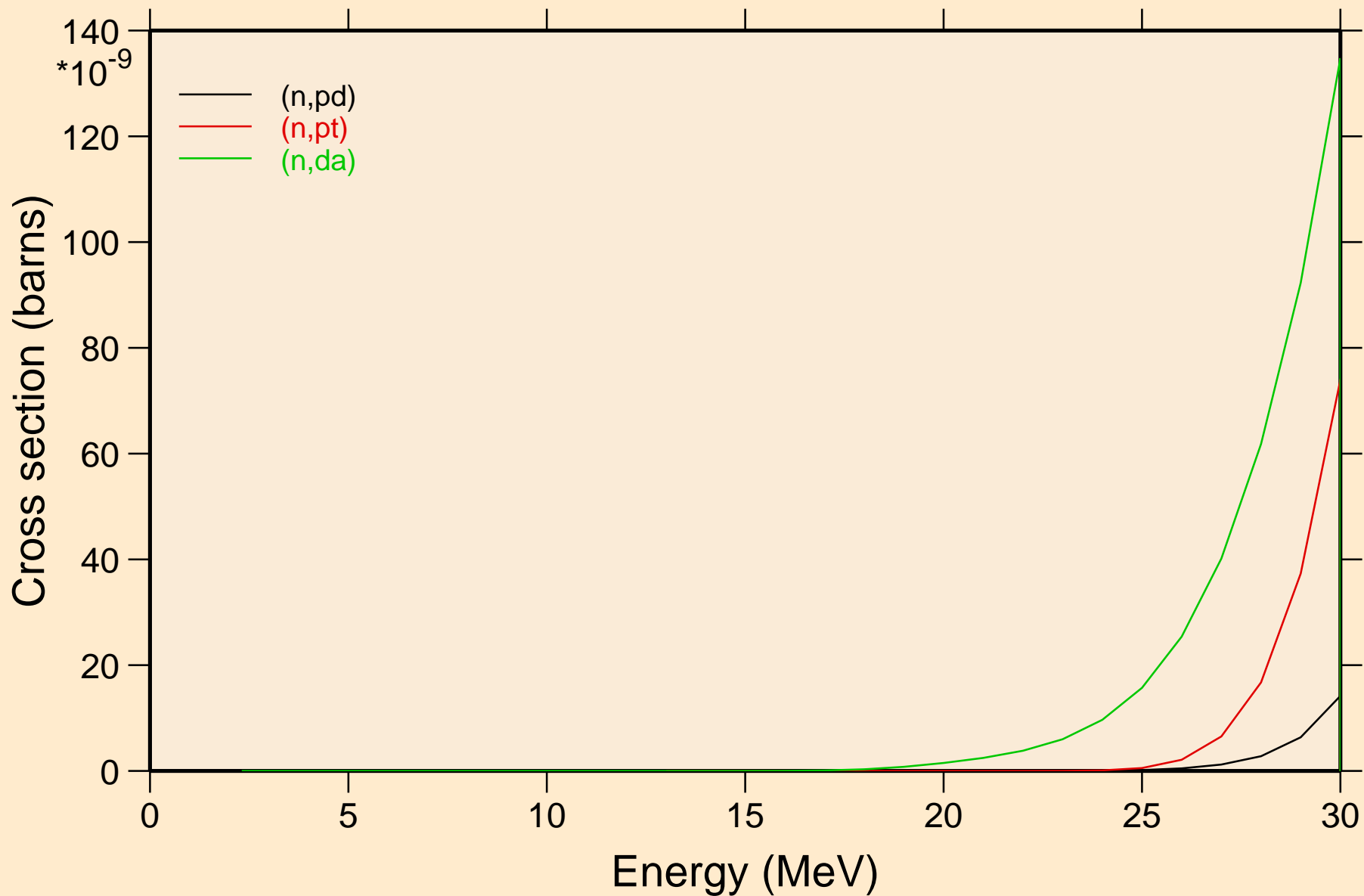
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



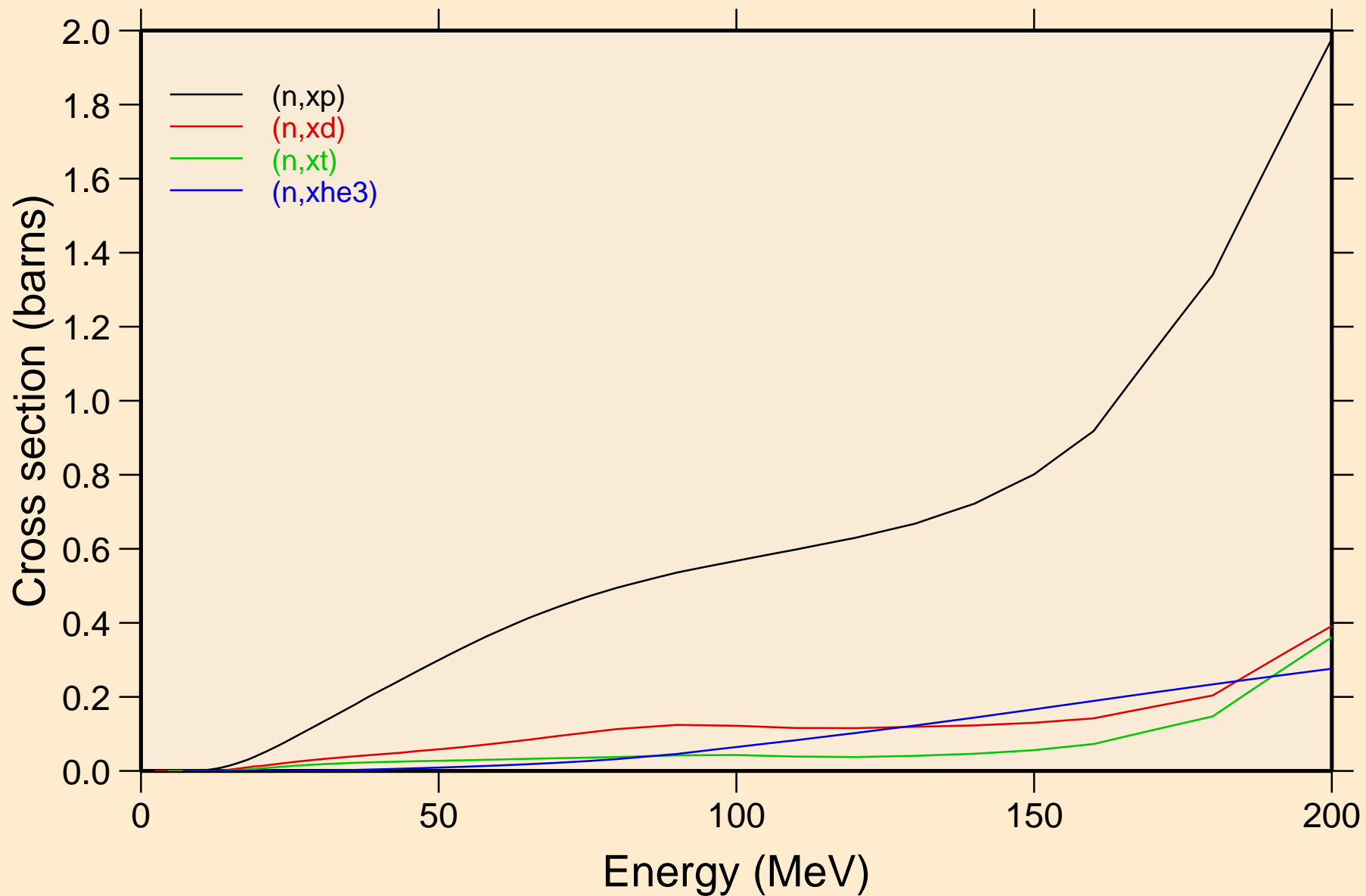
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



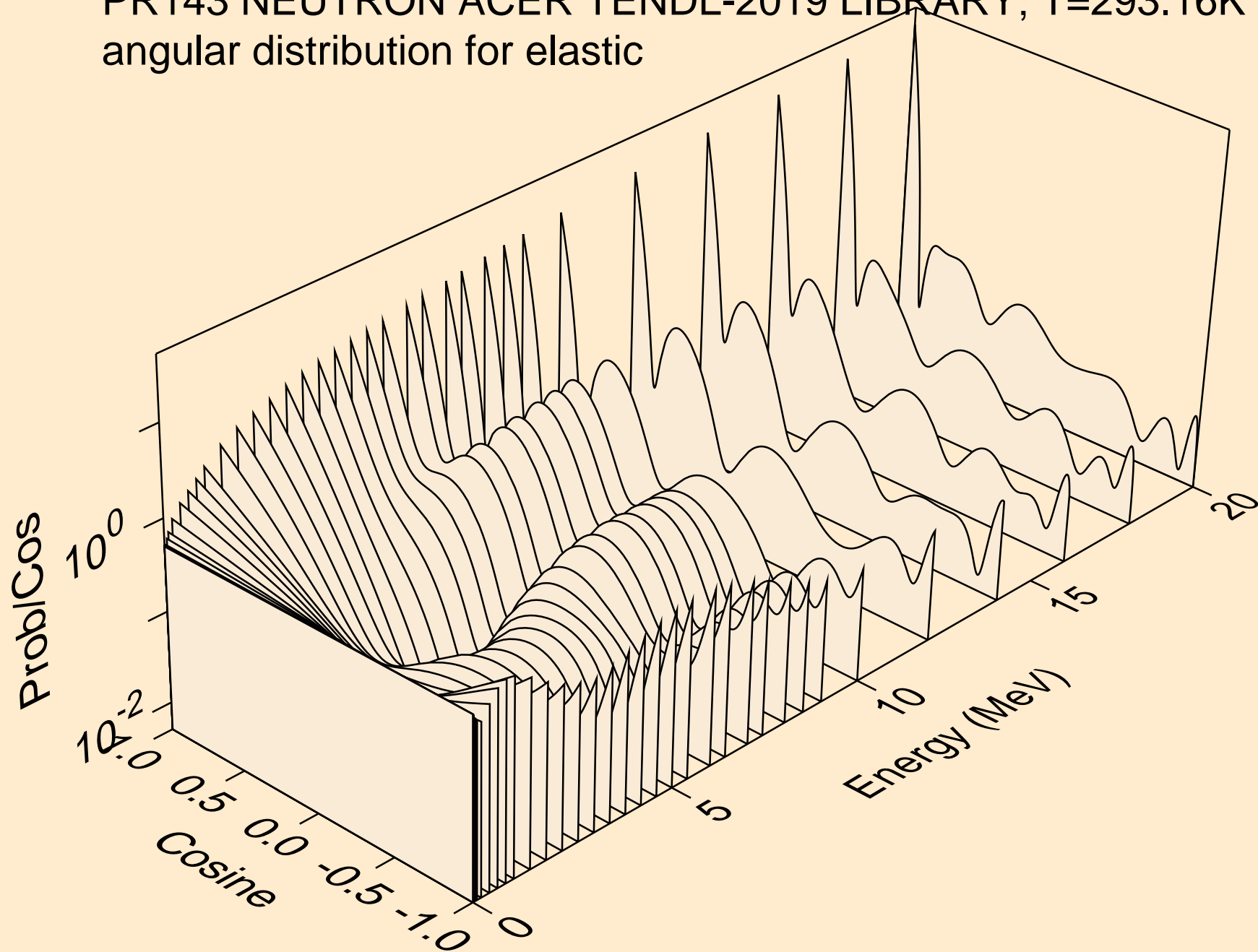
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



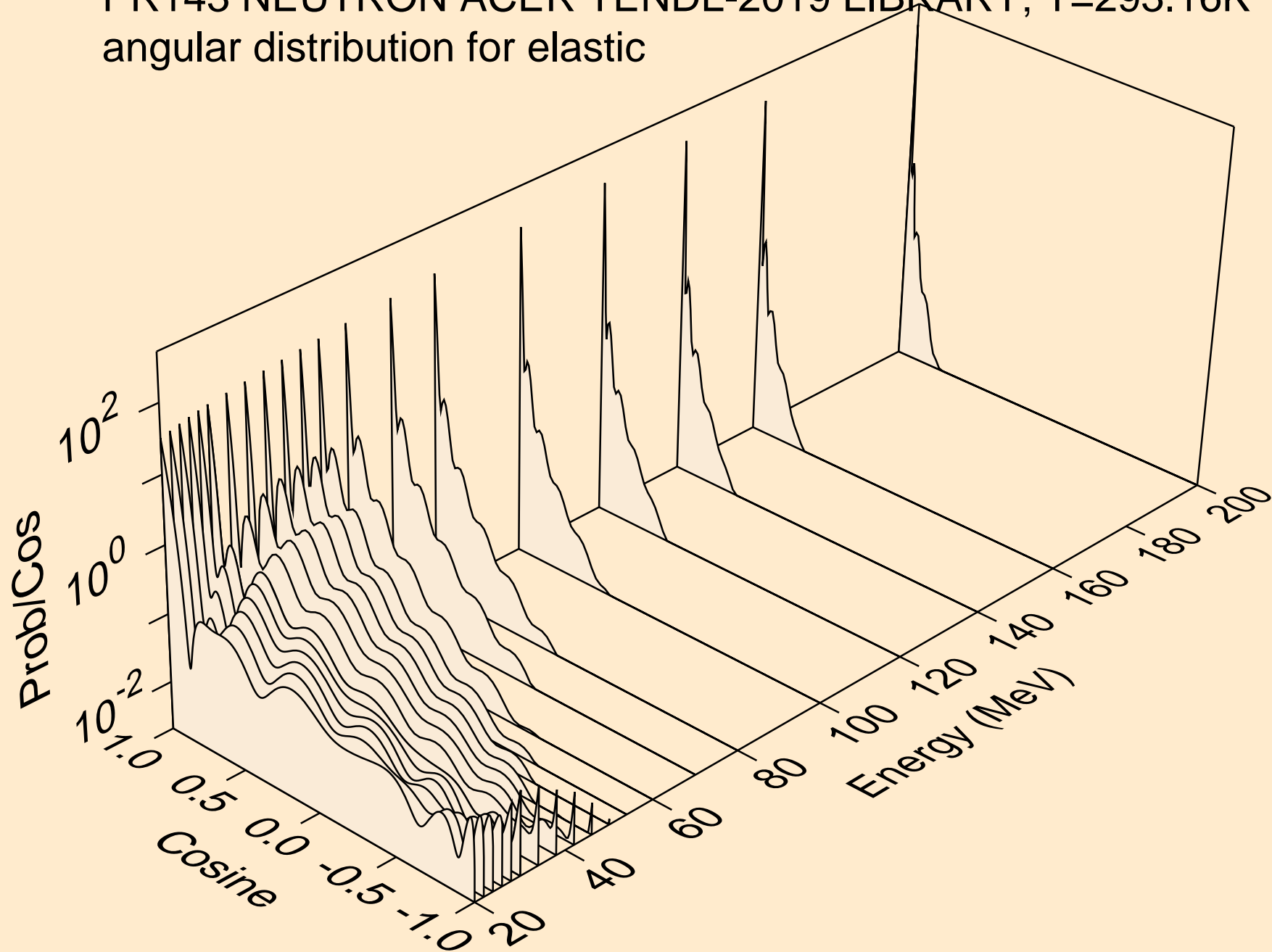
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



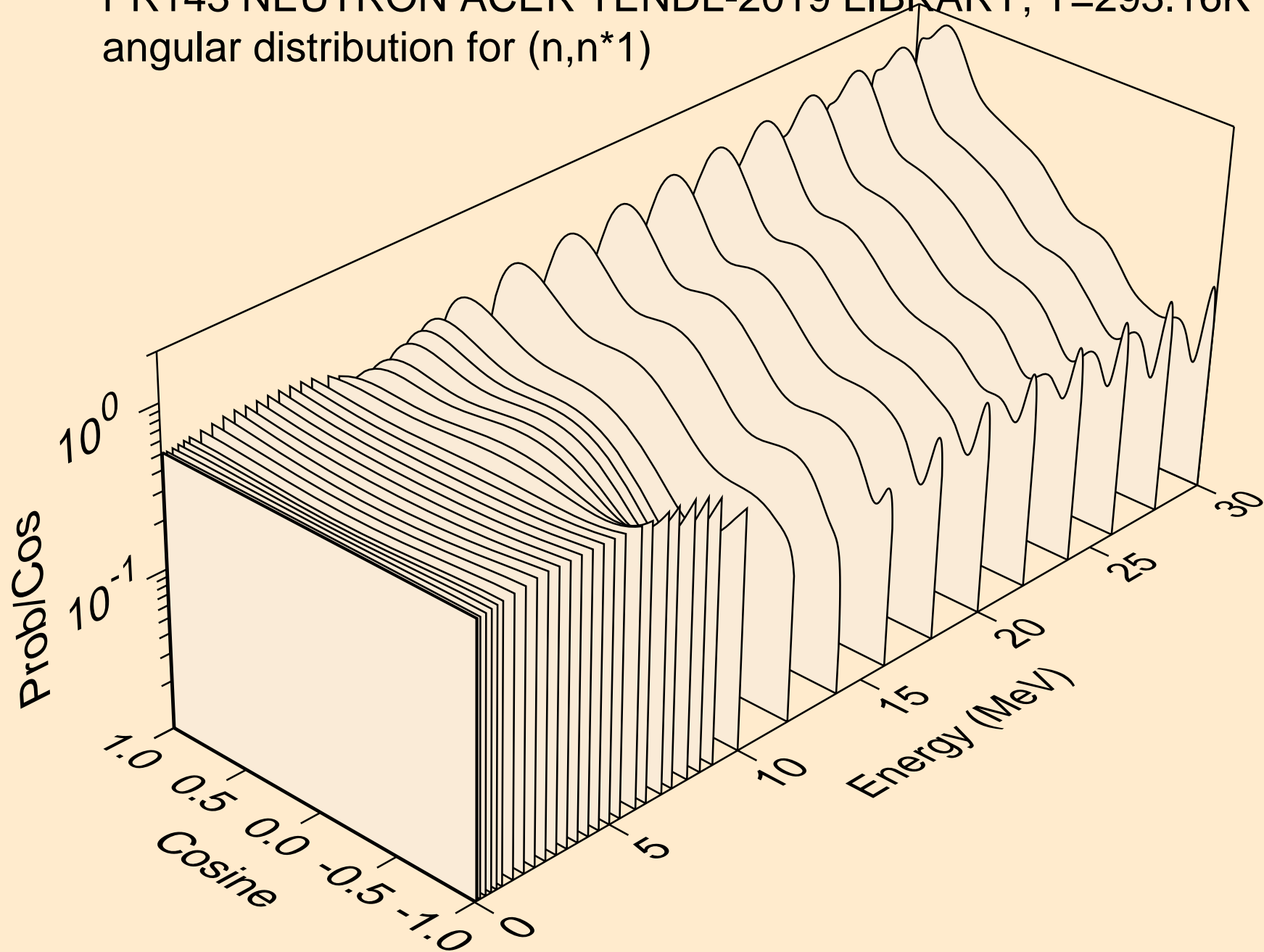
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

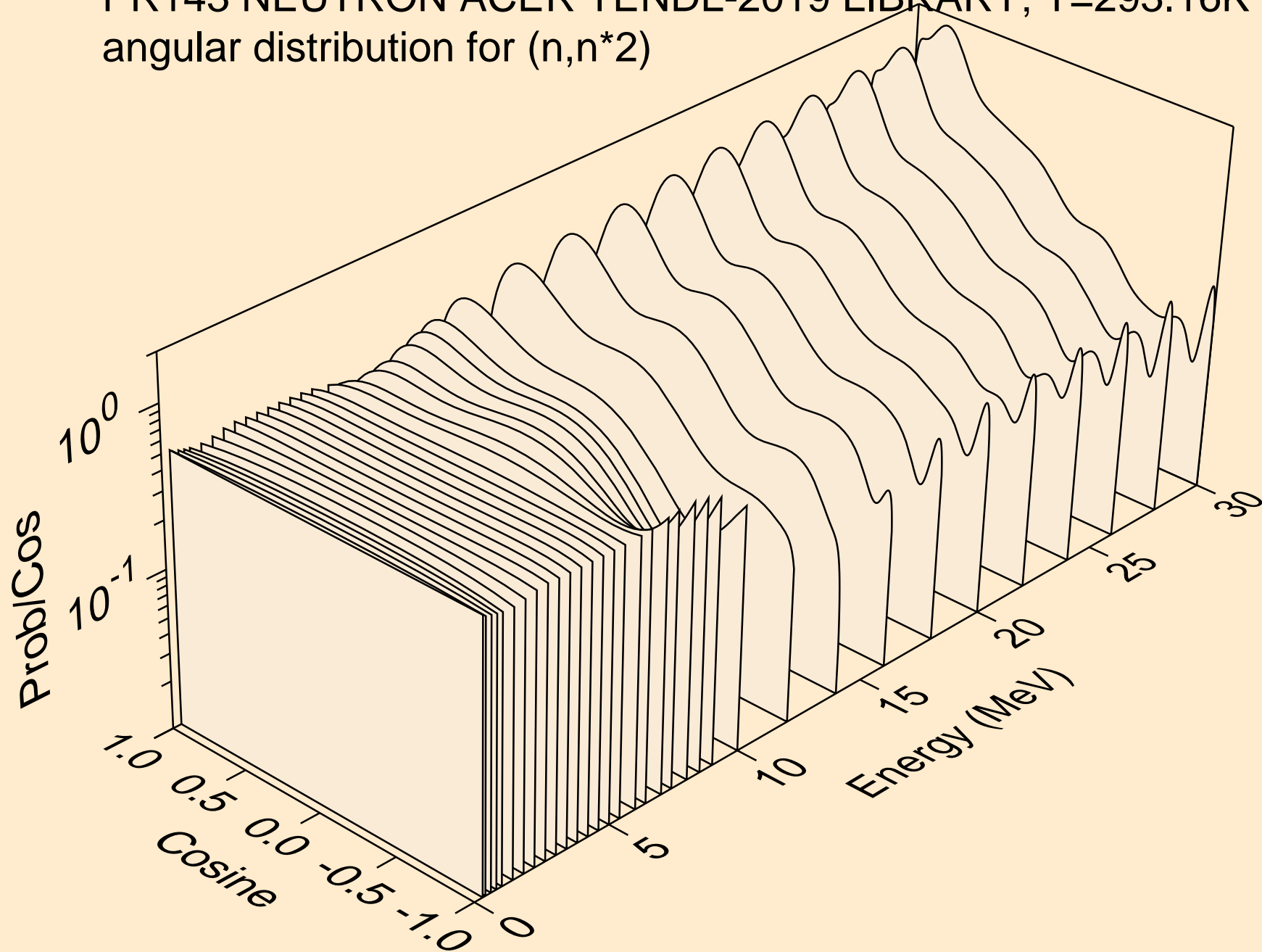


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

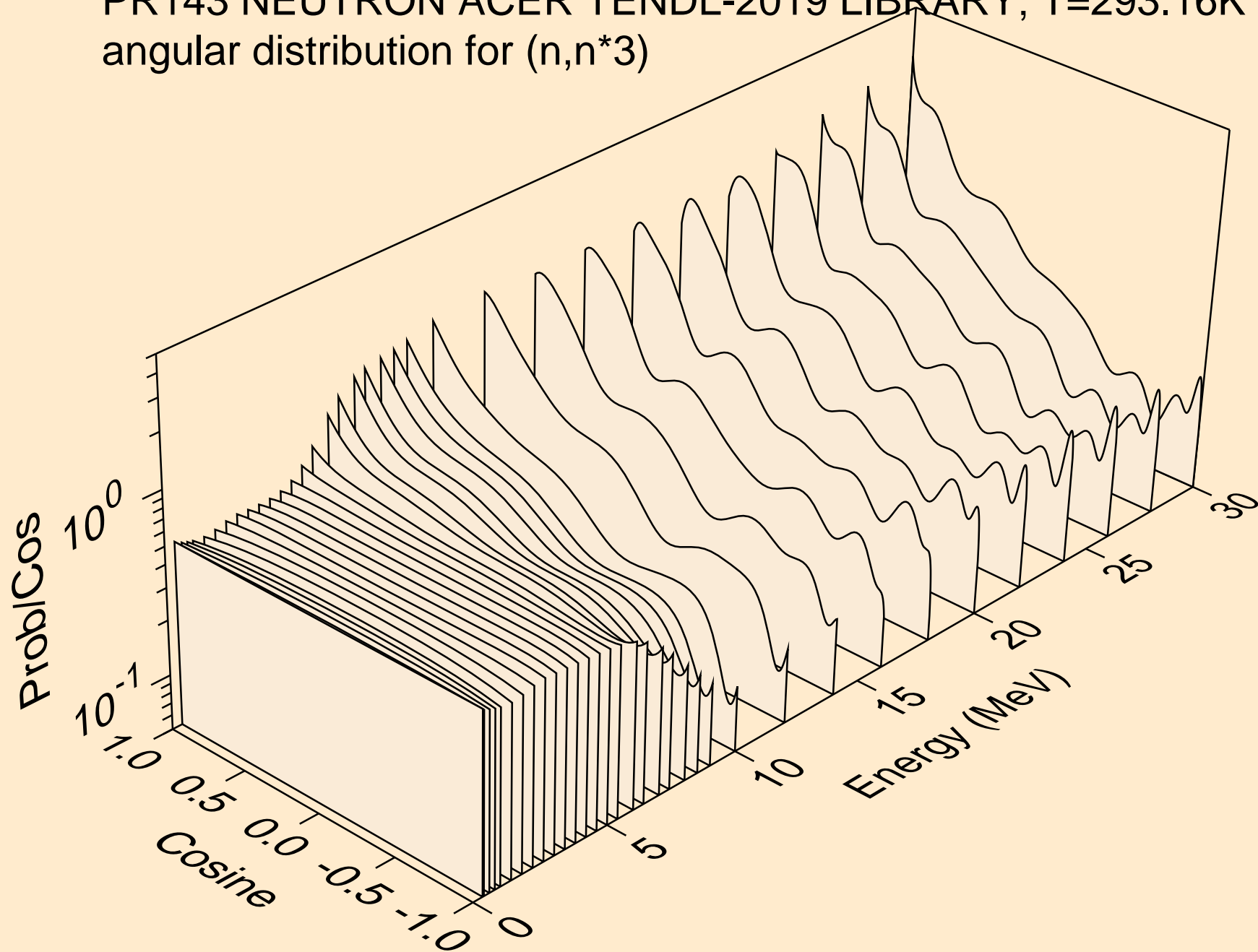




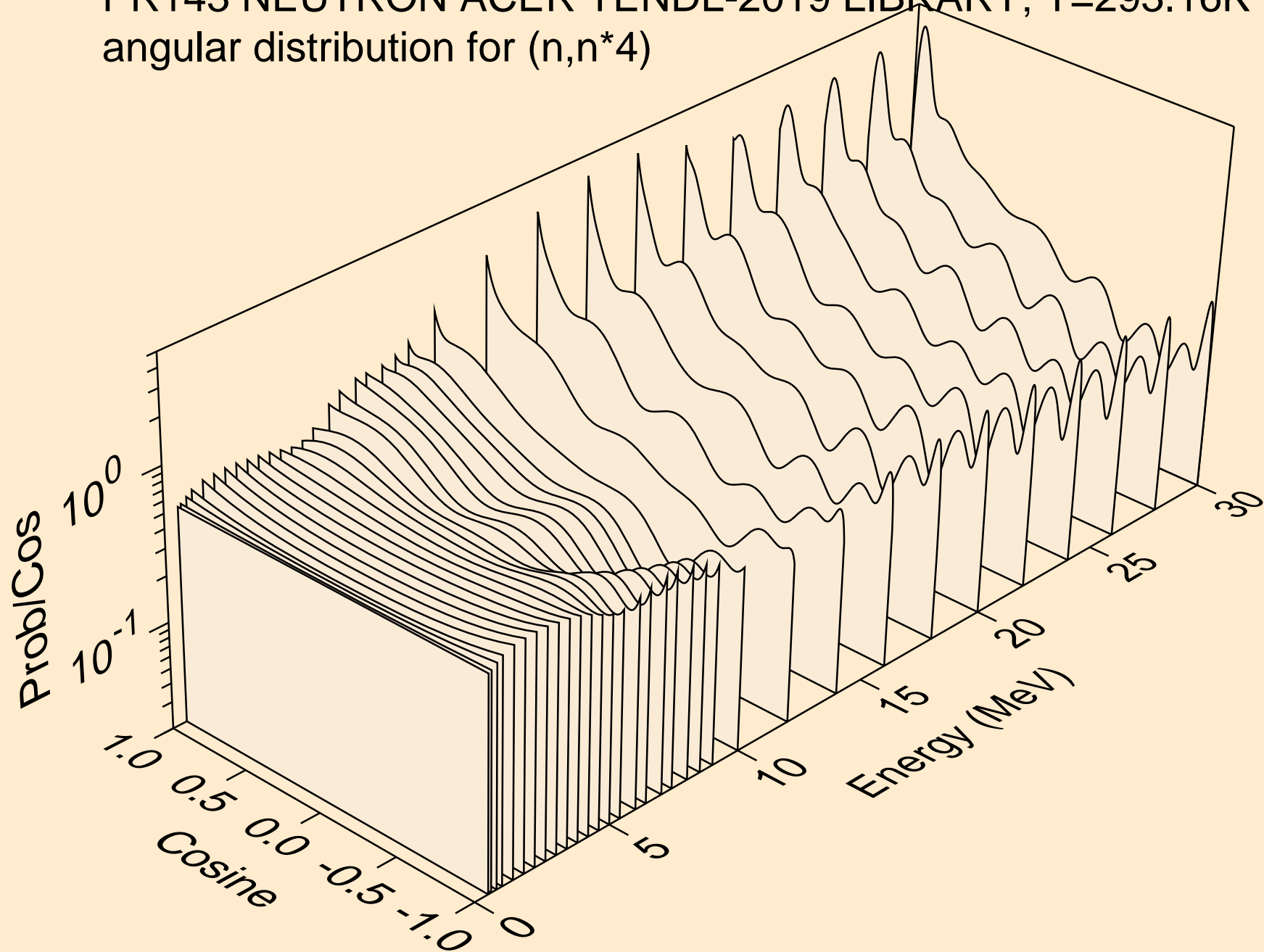
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angular distribution for (n,n\*2)



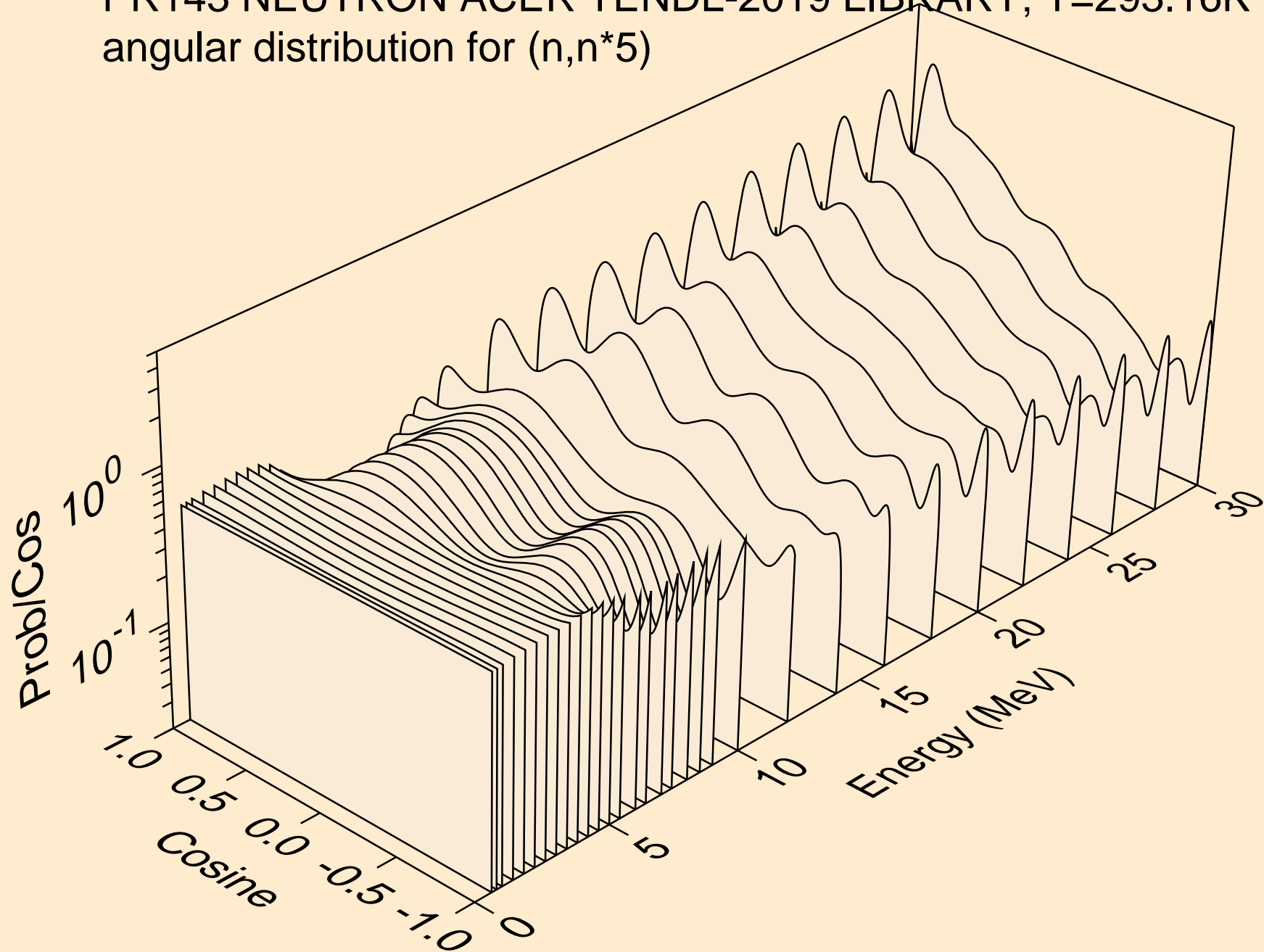
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angular distribution for (n,n\*3)



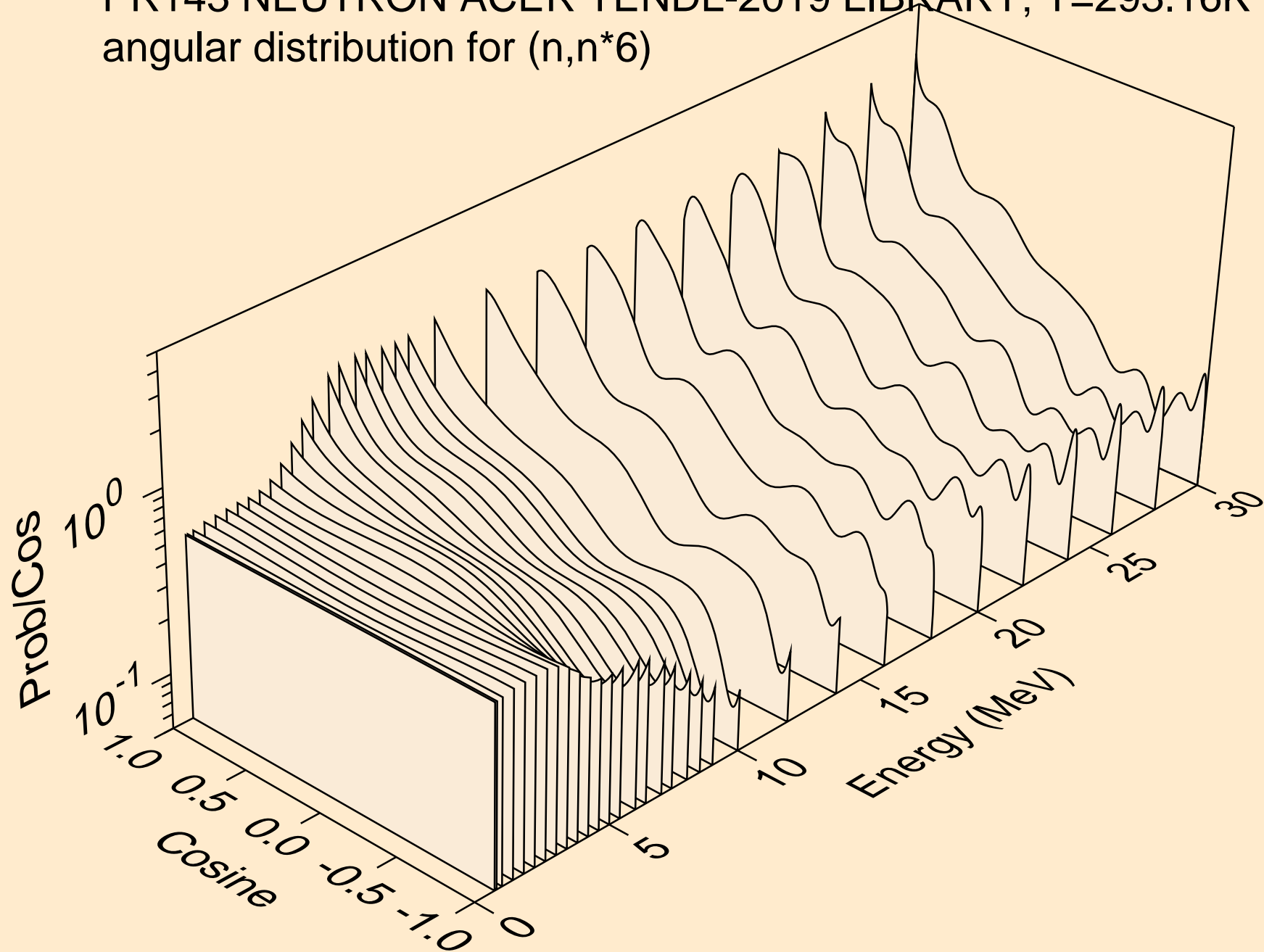
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angular distribution for (n,n\*4)



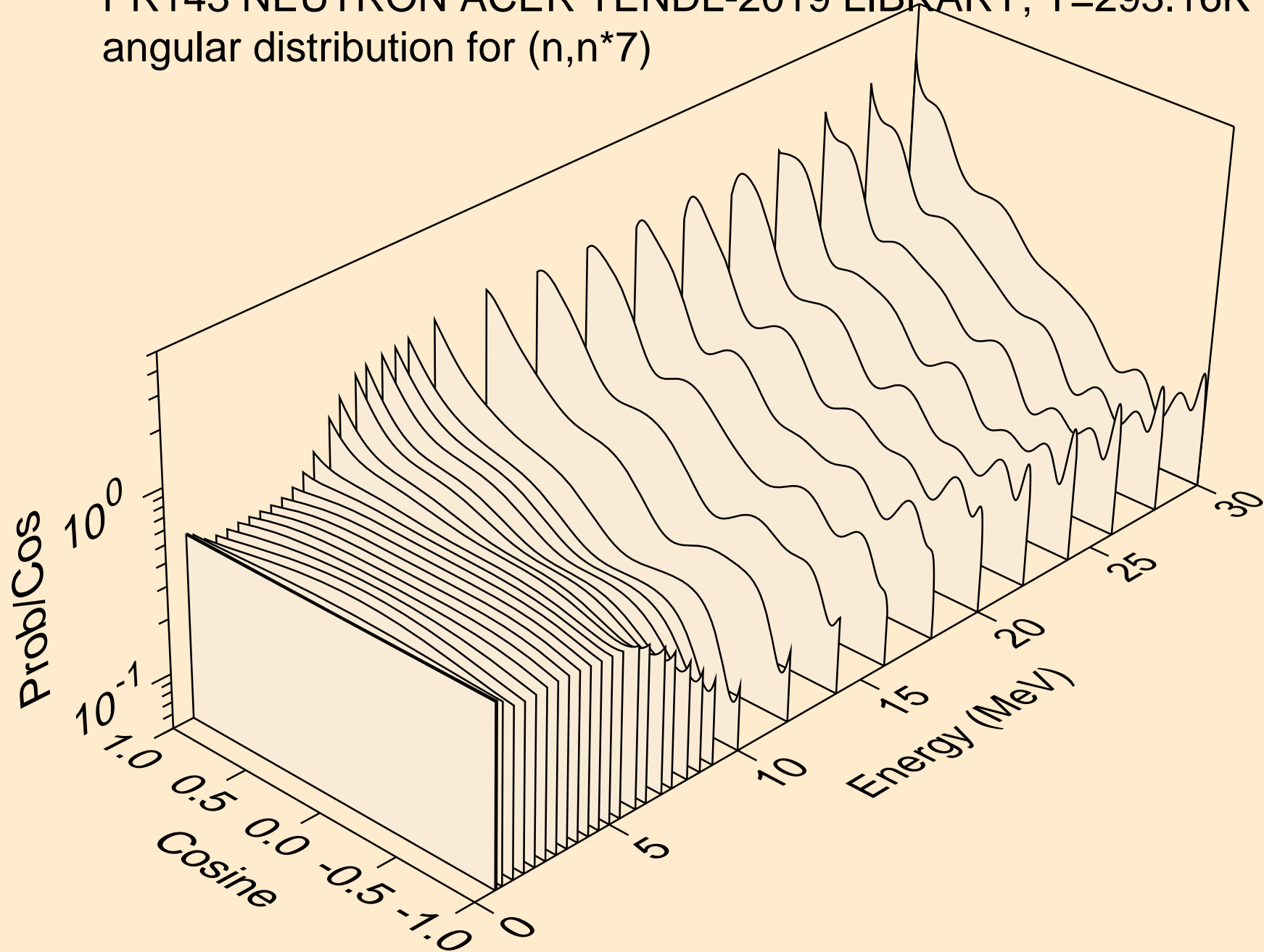
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angular distribution for (n,n\*5)



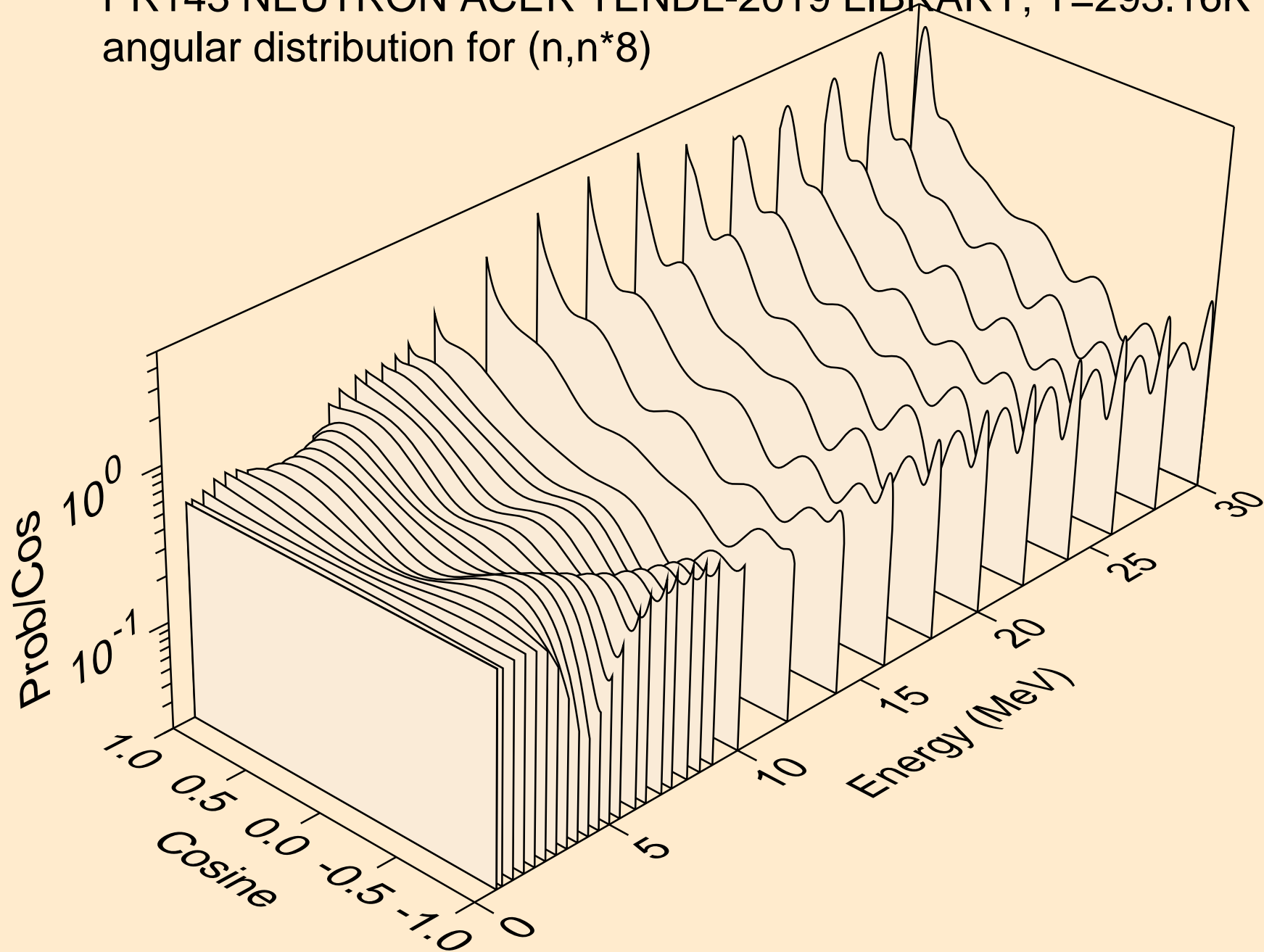
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angular distribution for (n,n\*6)



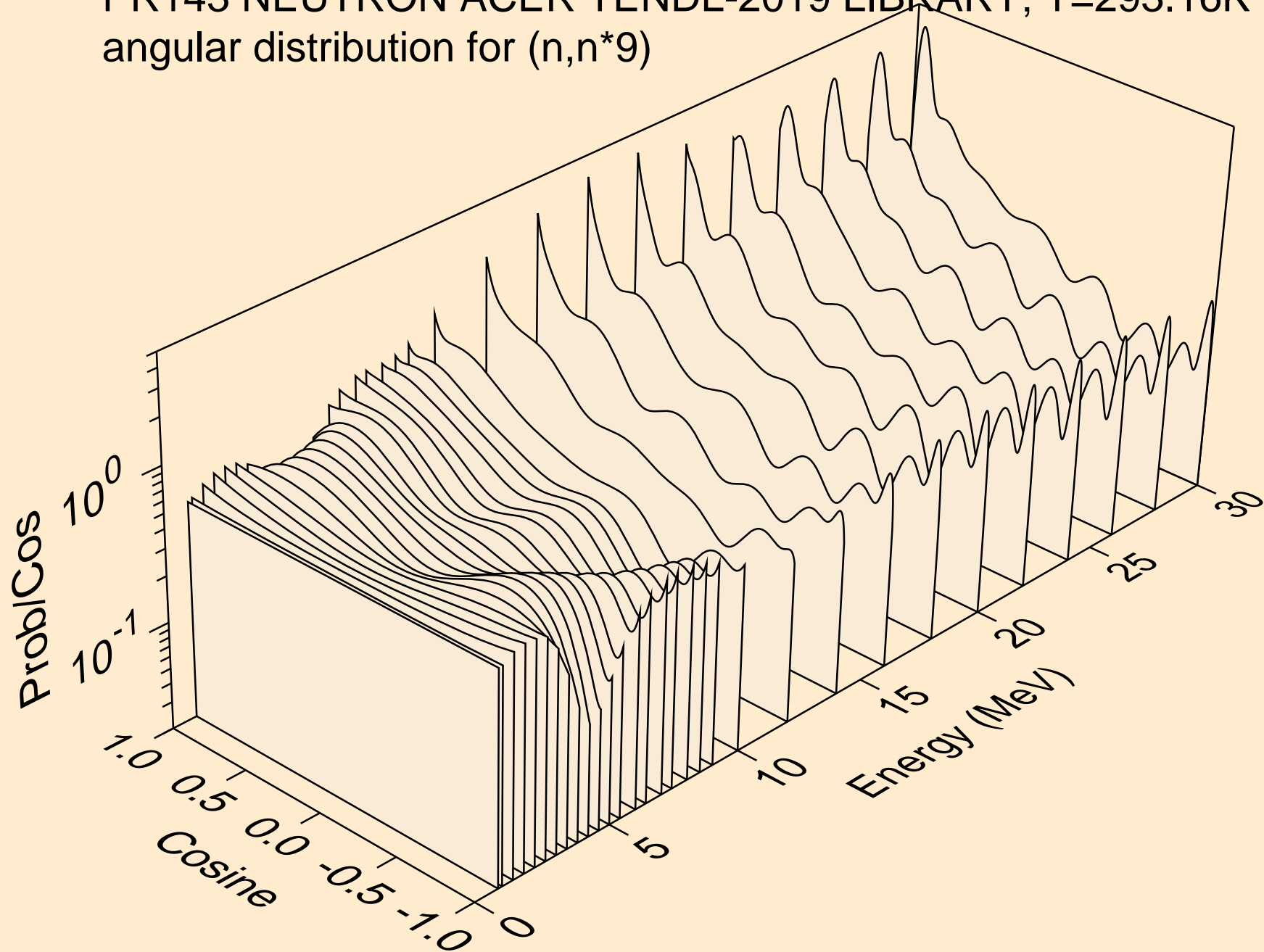
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

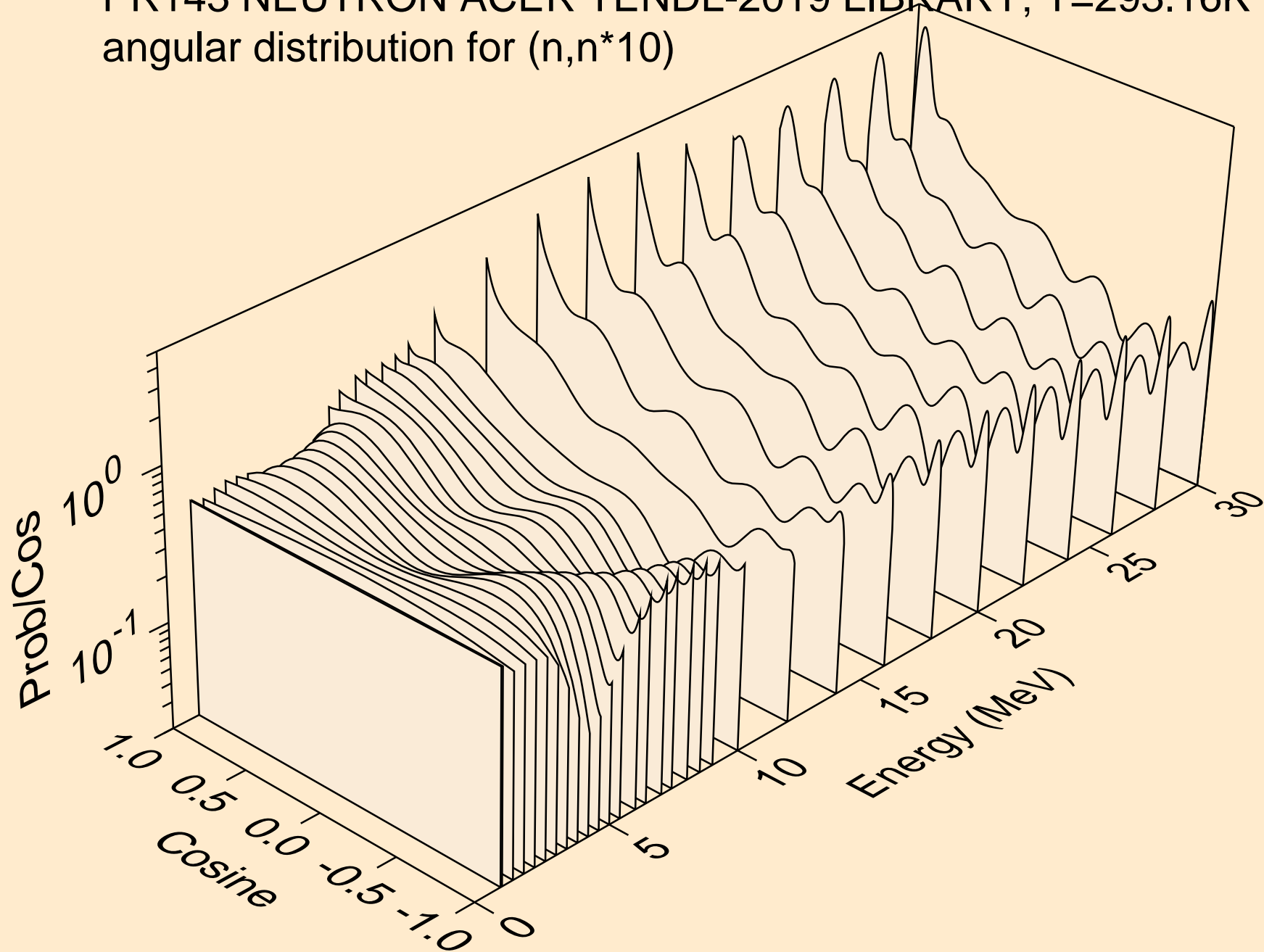


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

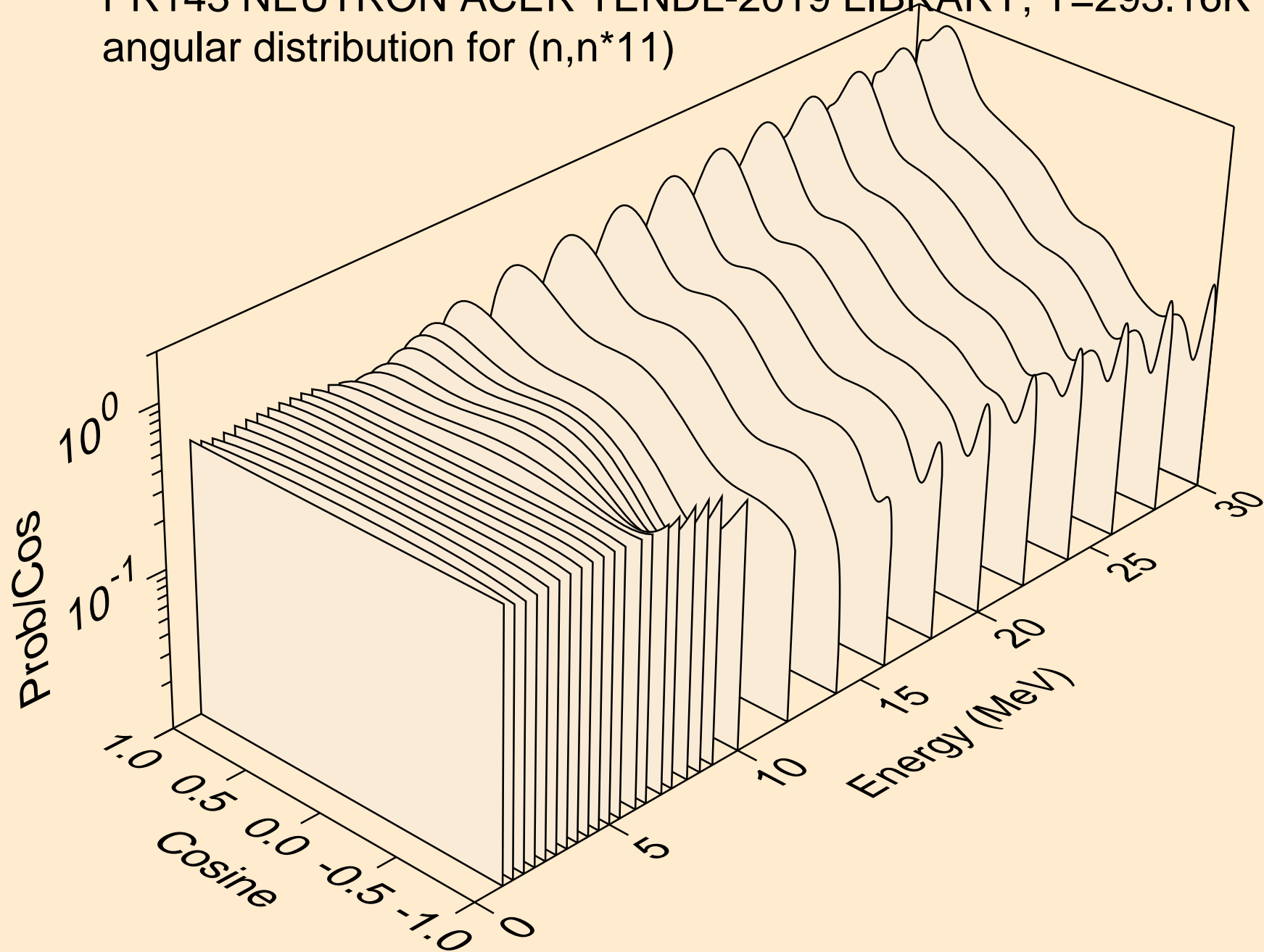




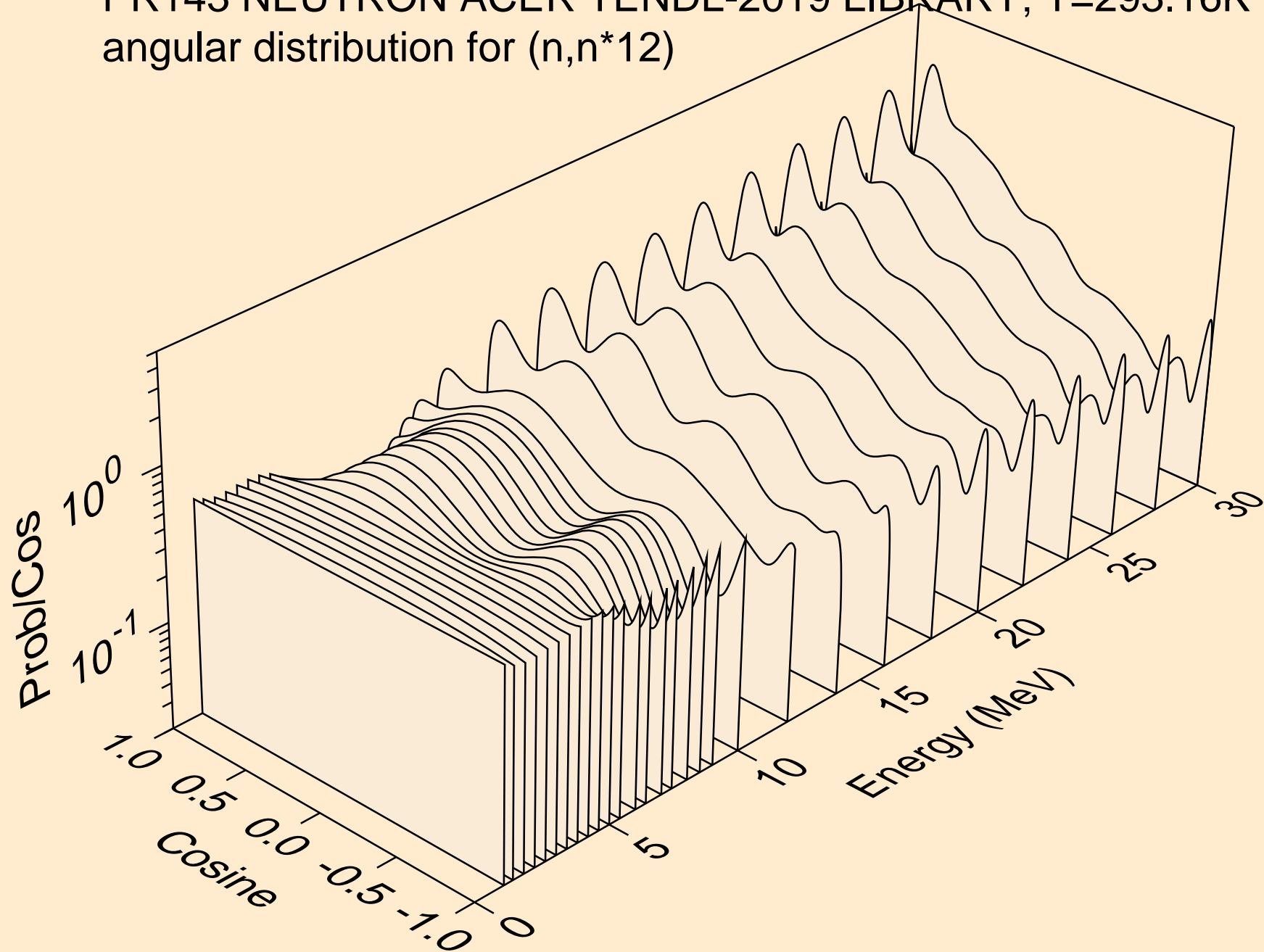
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angular distribution for (n,n\*10)



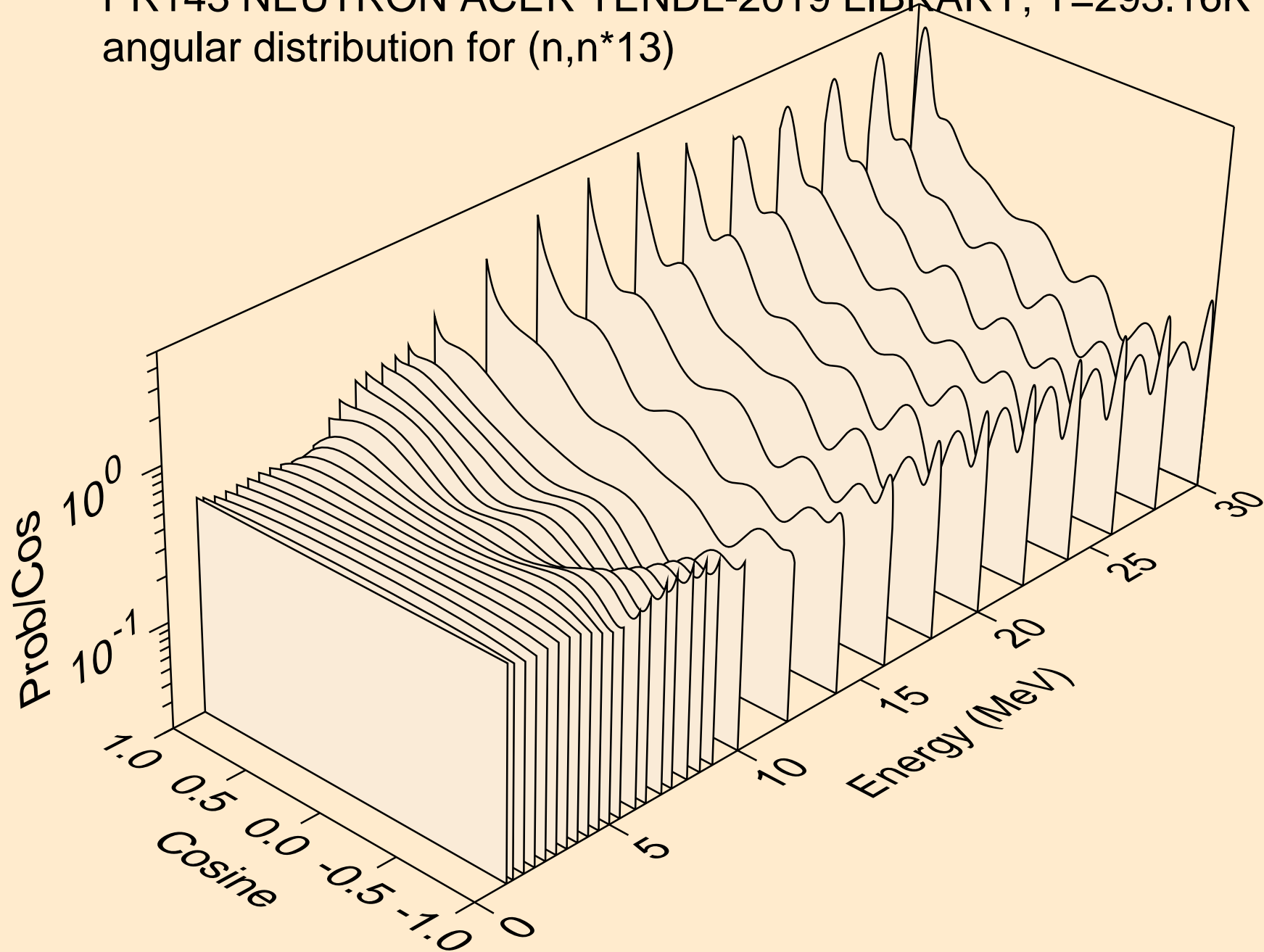
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angular distribution for (n,n\*11)



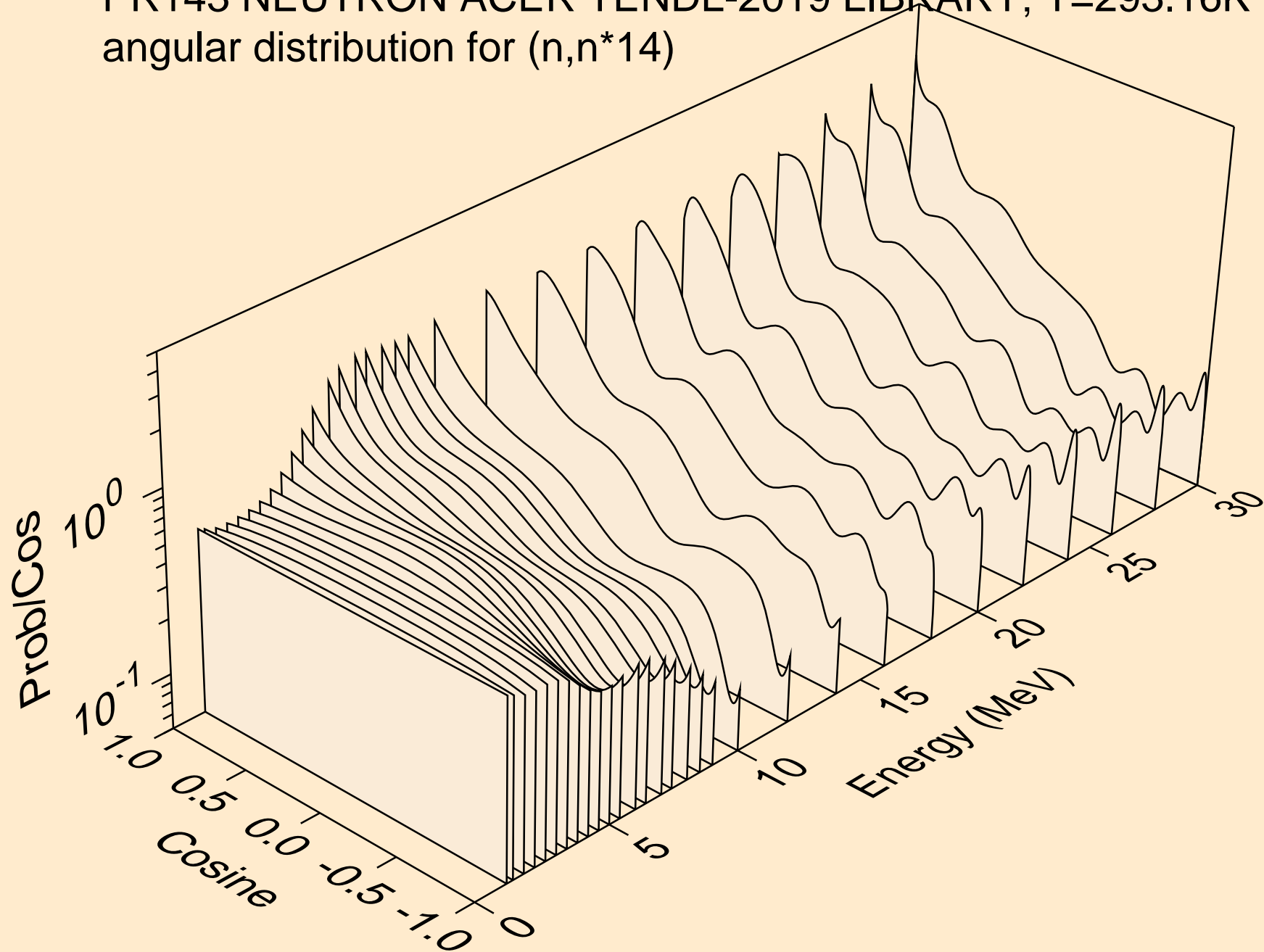
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angular distribution for (n,n\*12)



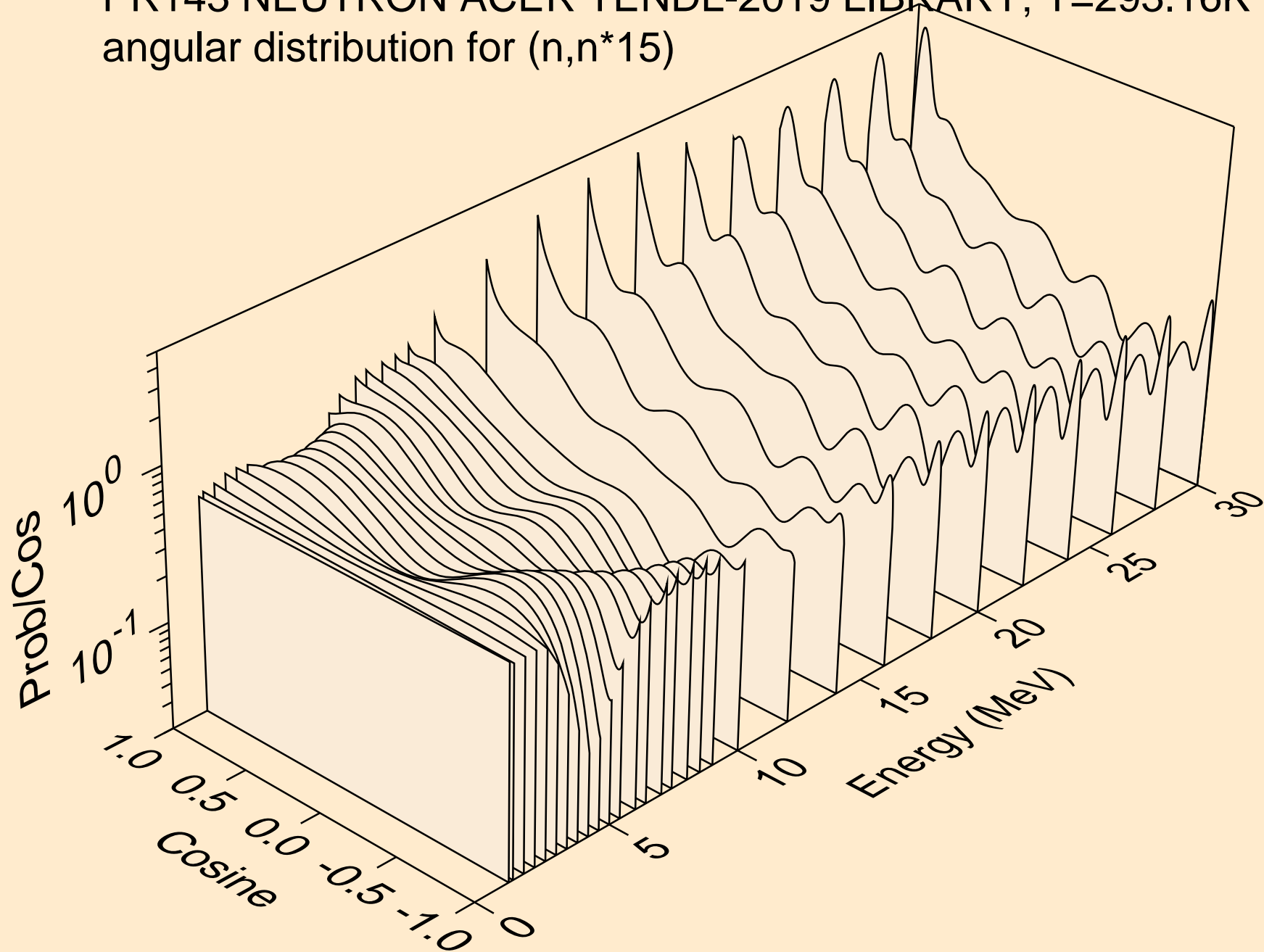
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angular distribution for (n,n\*13)



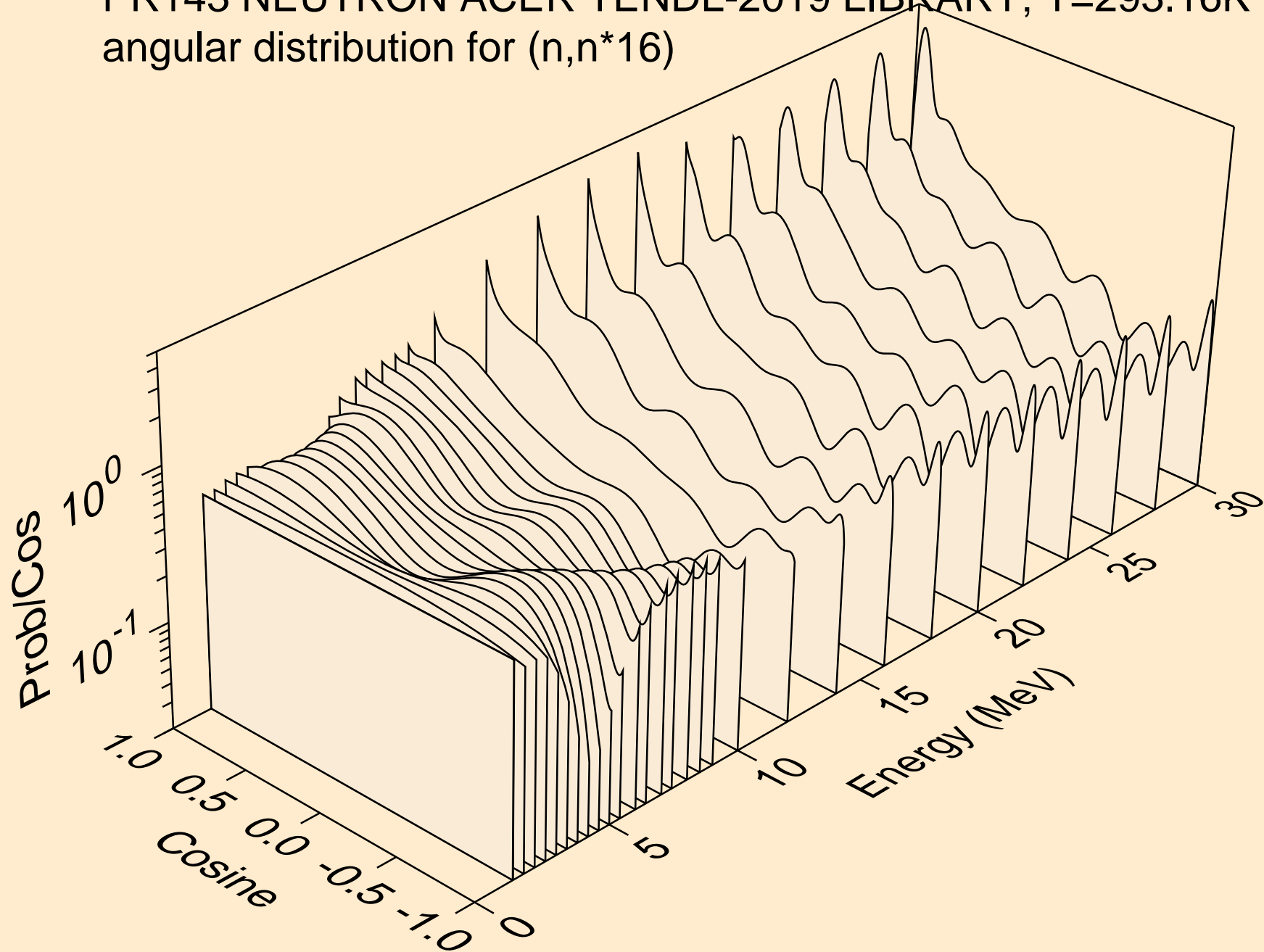
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angular distribution for (n,n\*14)



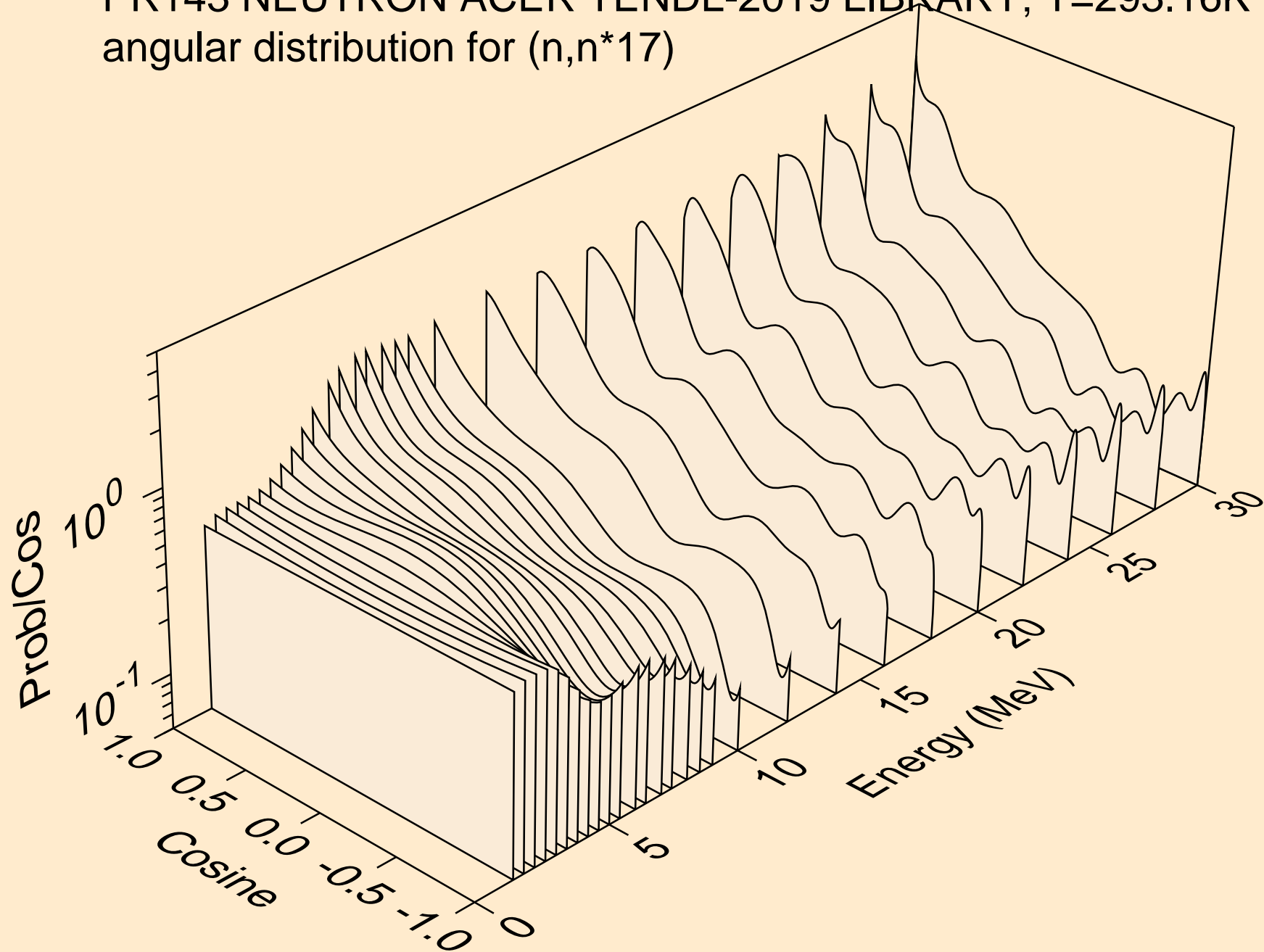
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angular distribution for (n,n\*15)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

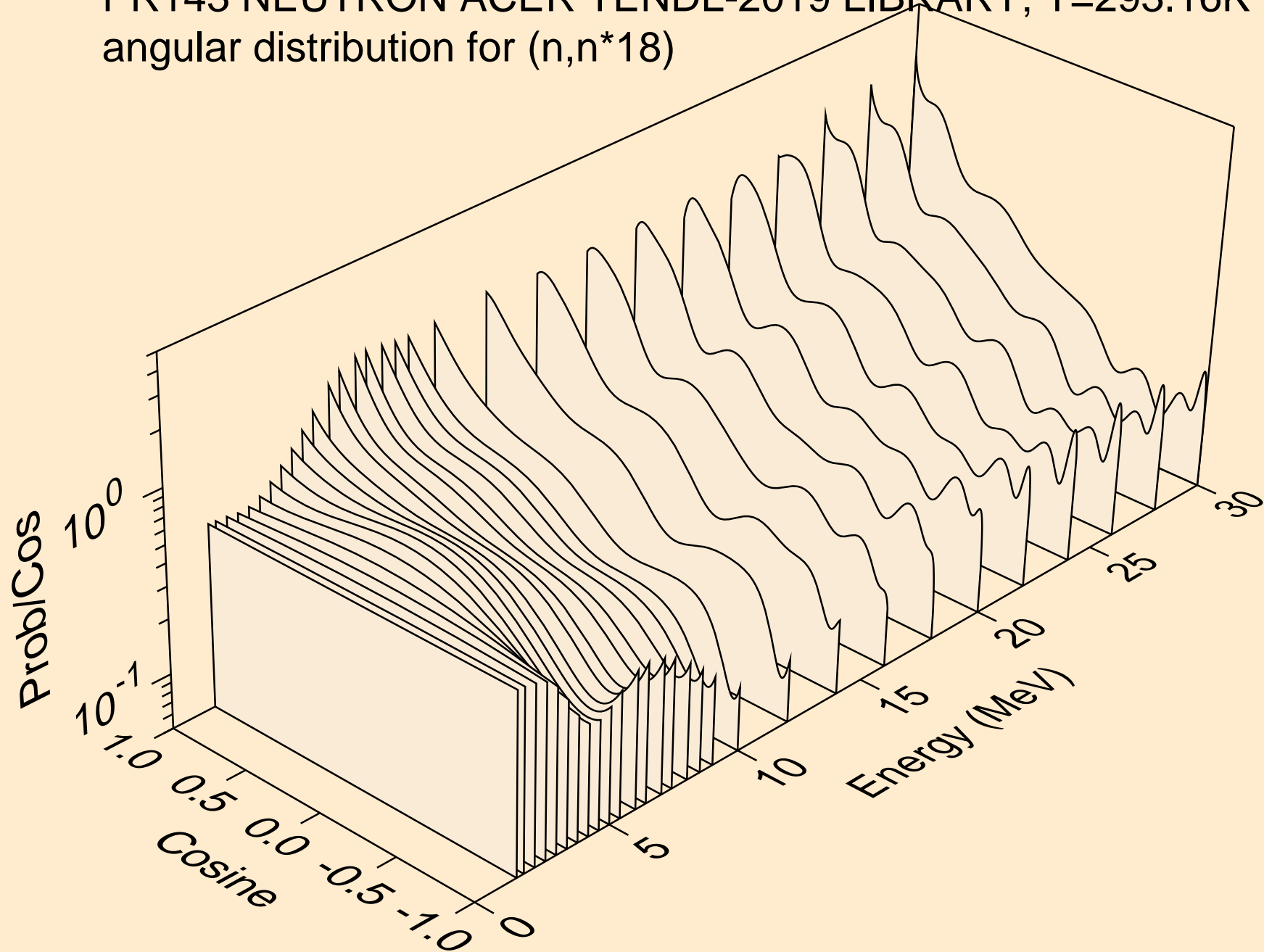


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

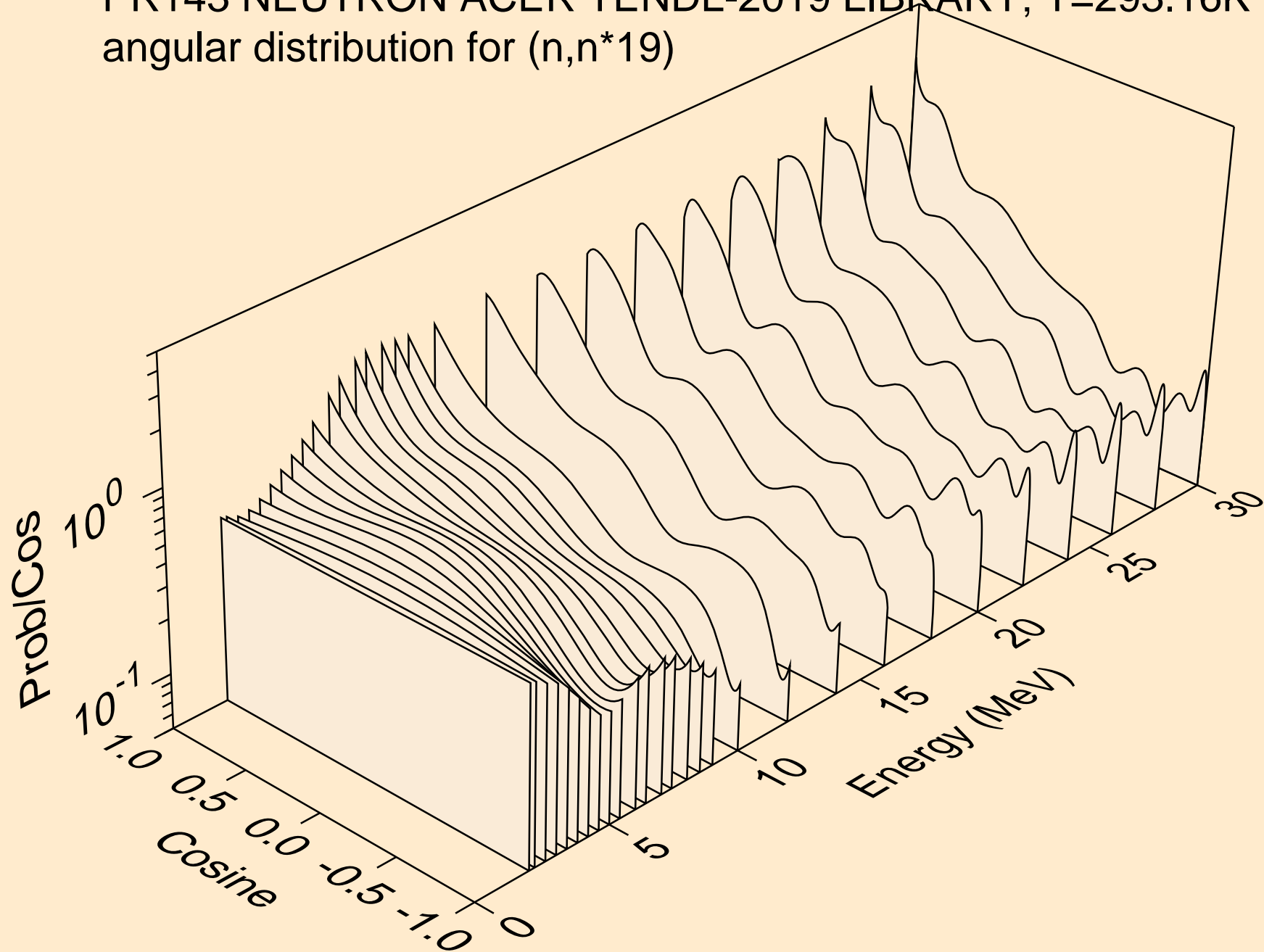




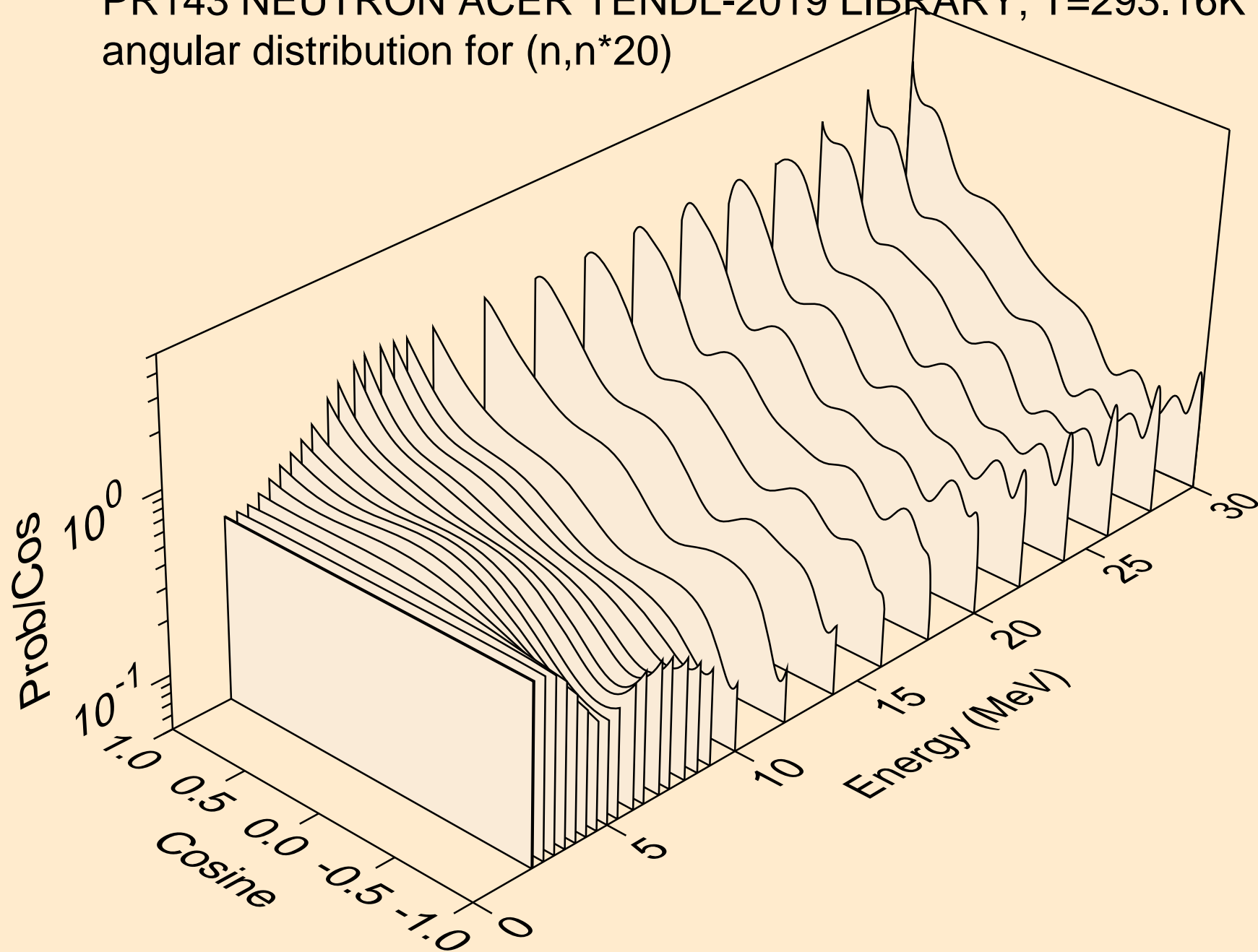
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angular distribution for (n,n\*18)



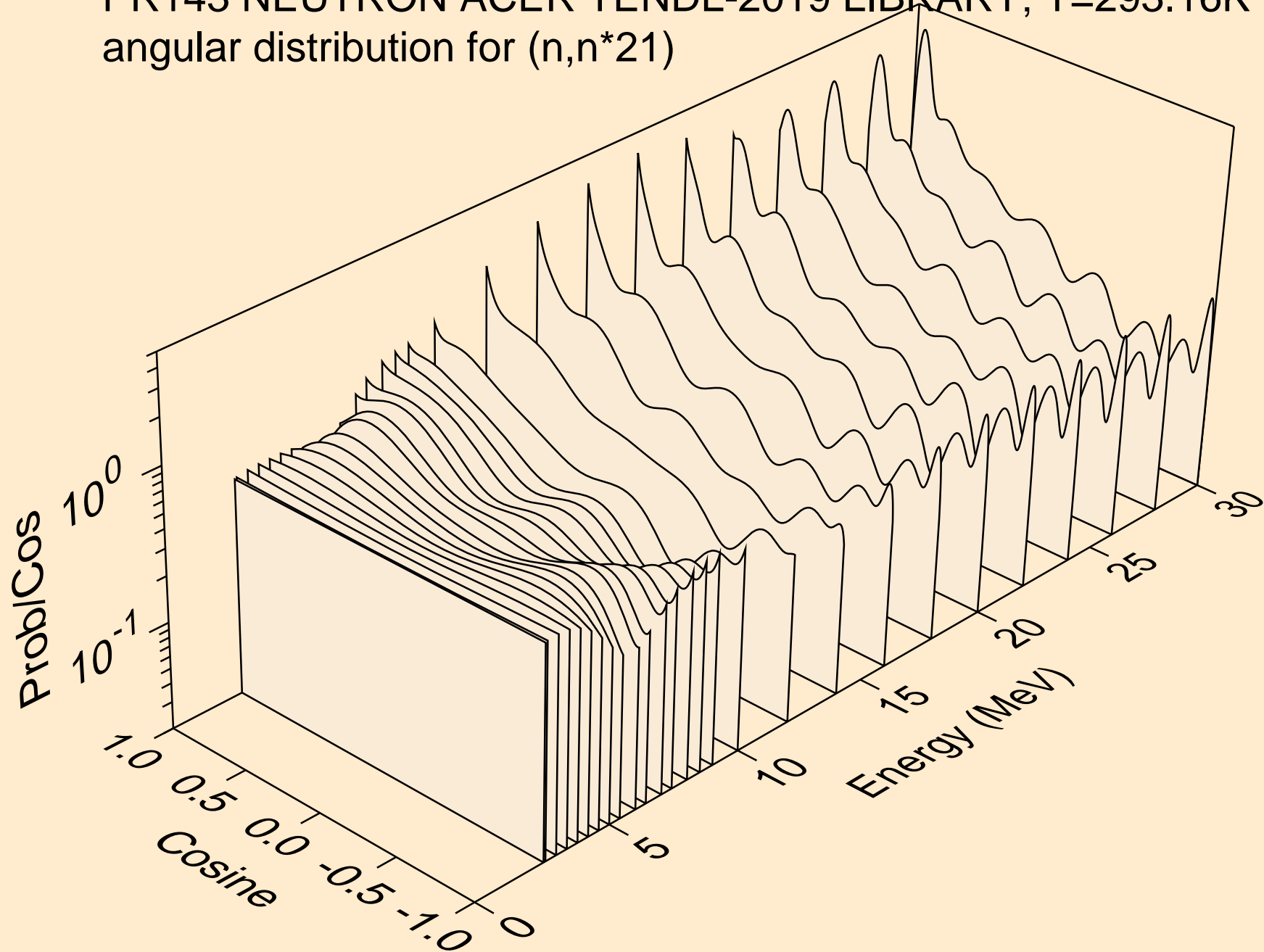
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angular distribution for (n,n\*19)



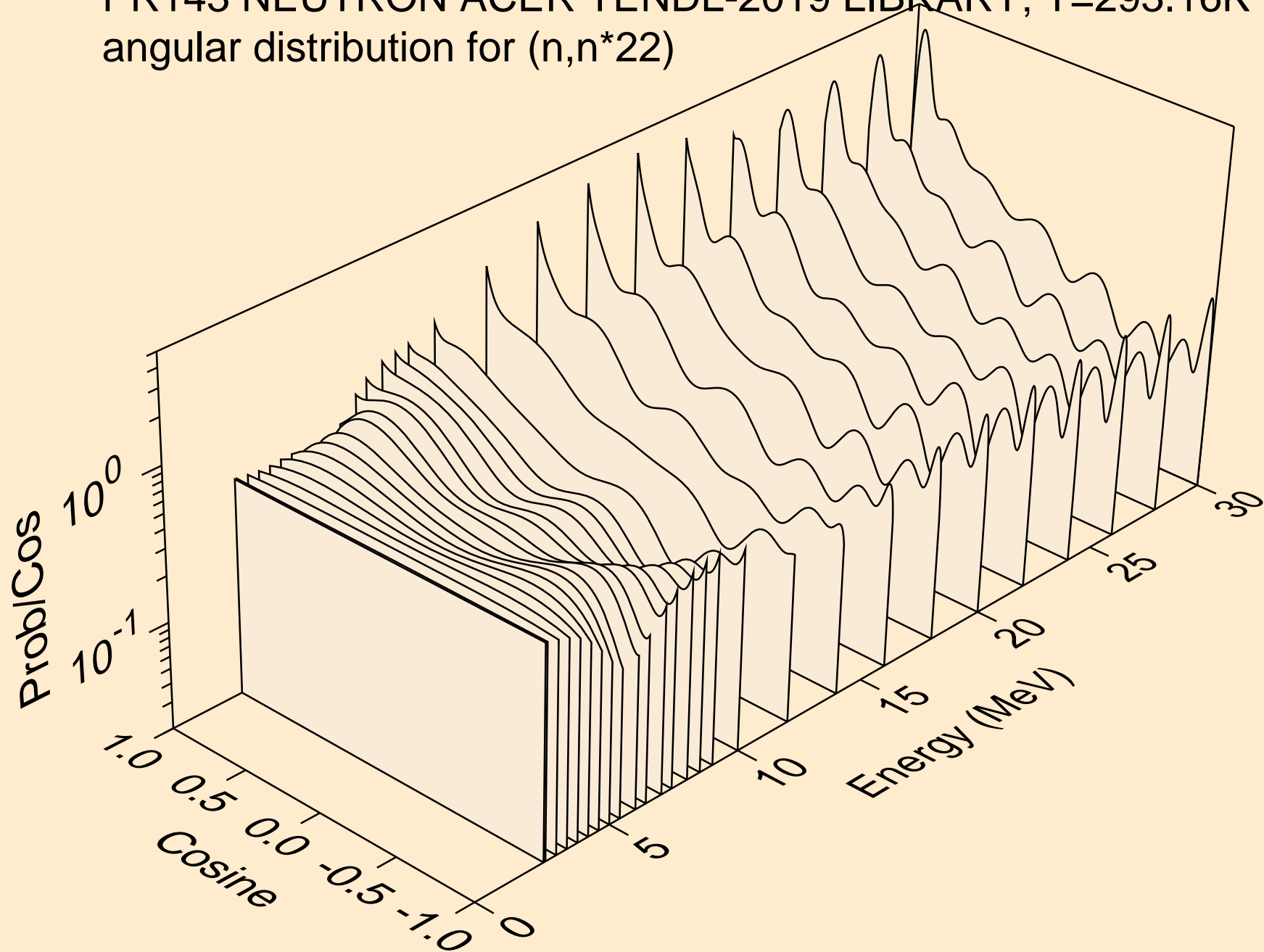
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angular distribution for (n,n\*20)



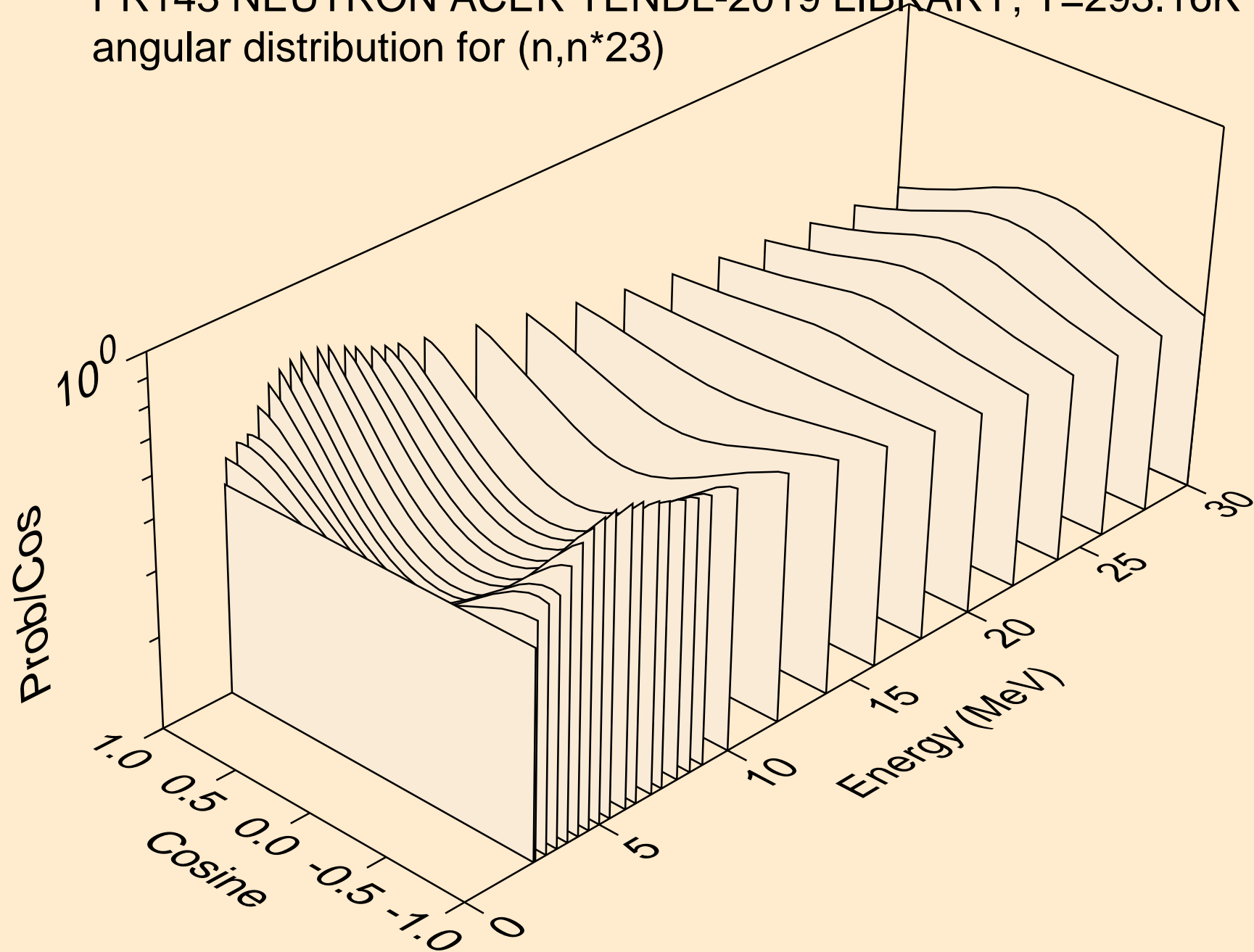
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angular distribution for (n,n\*21)



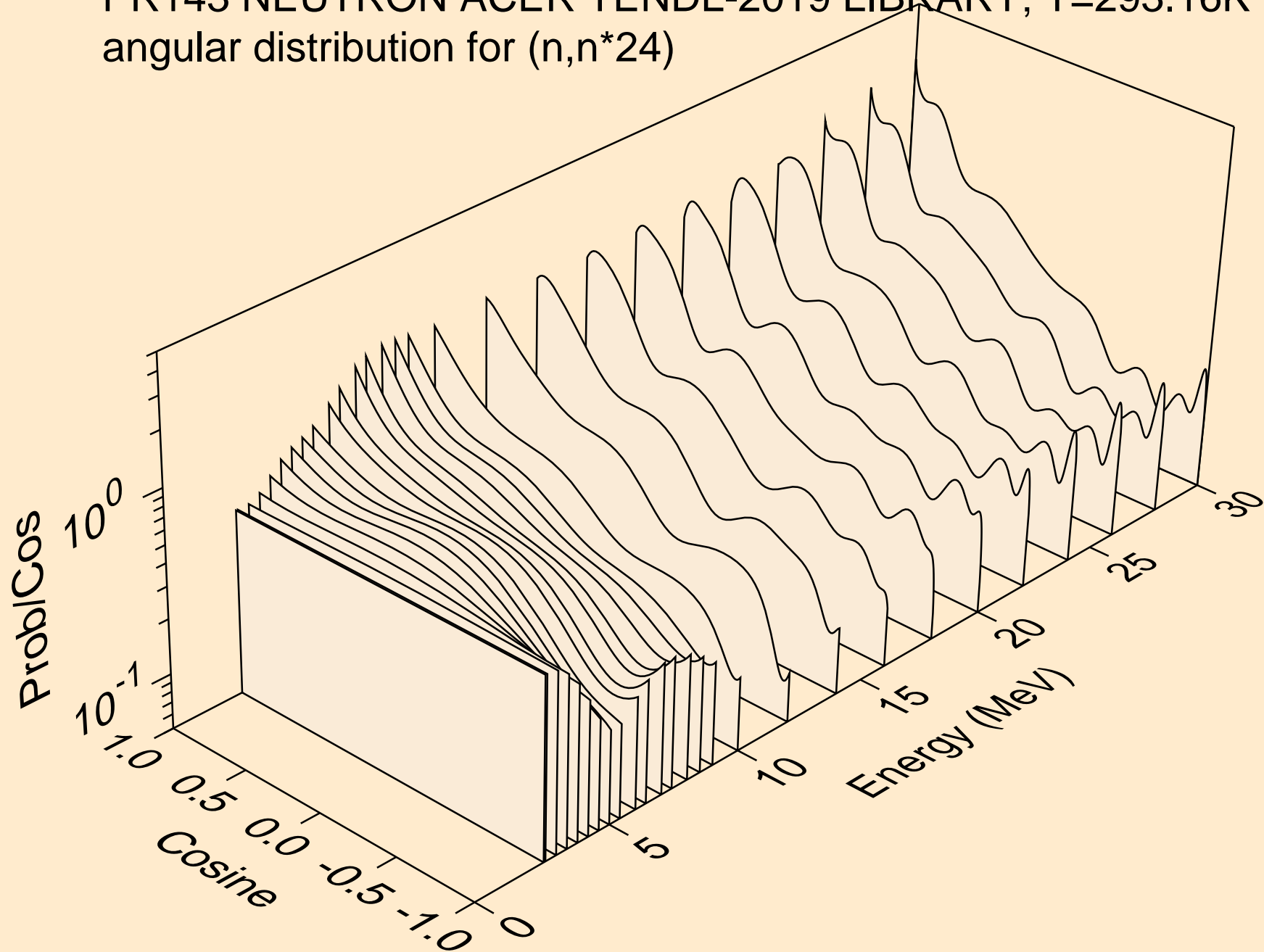
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angular distribution for (n,n\*22)



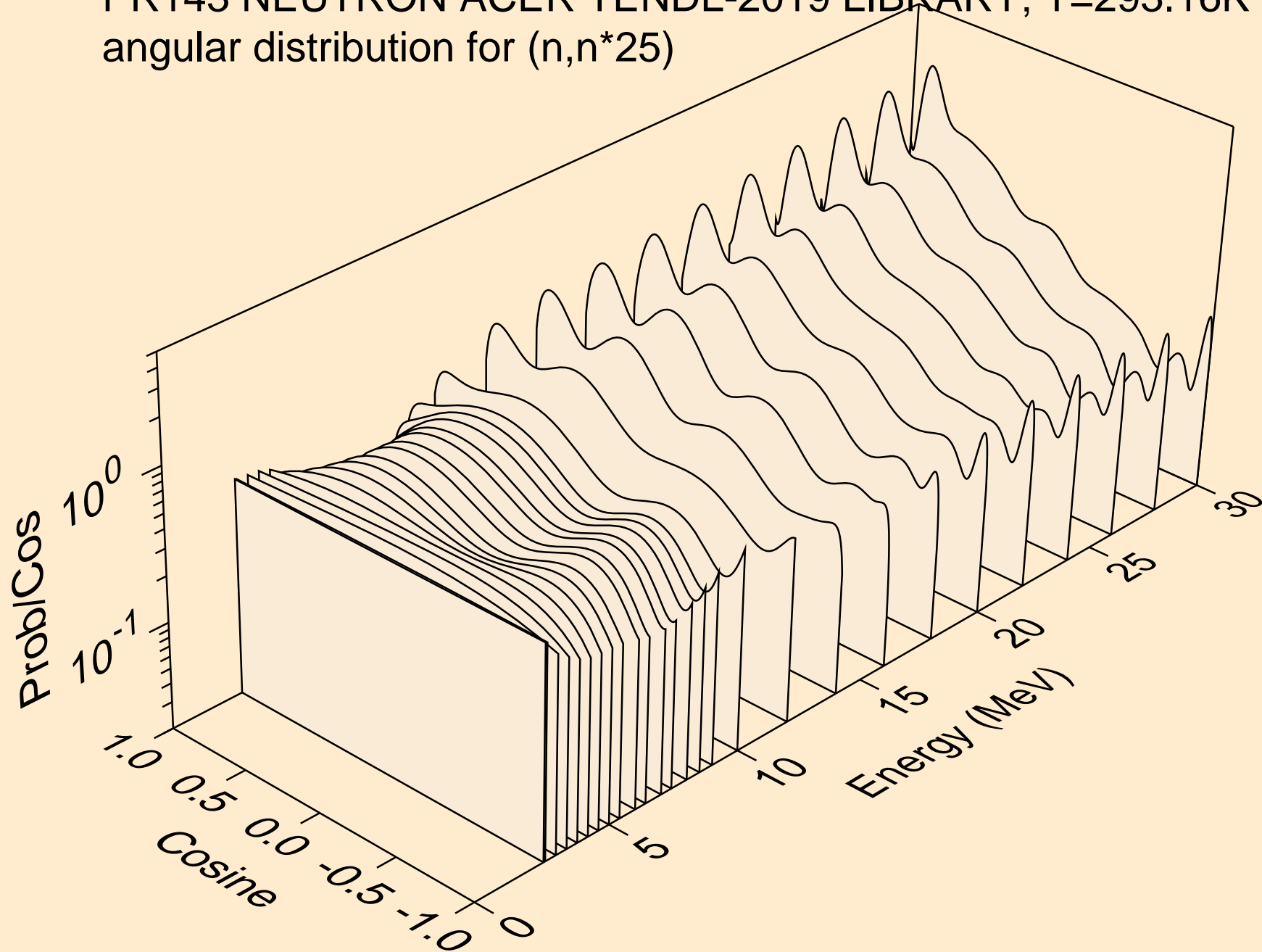
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)

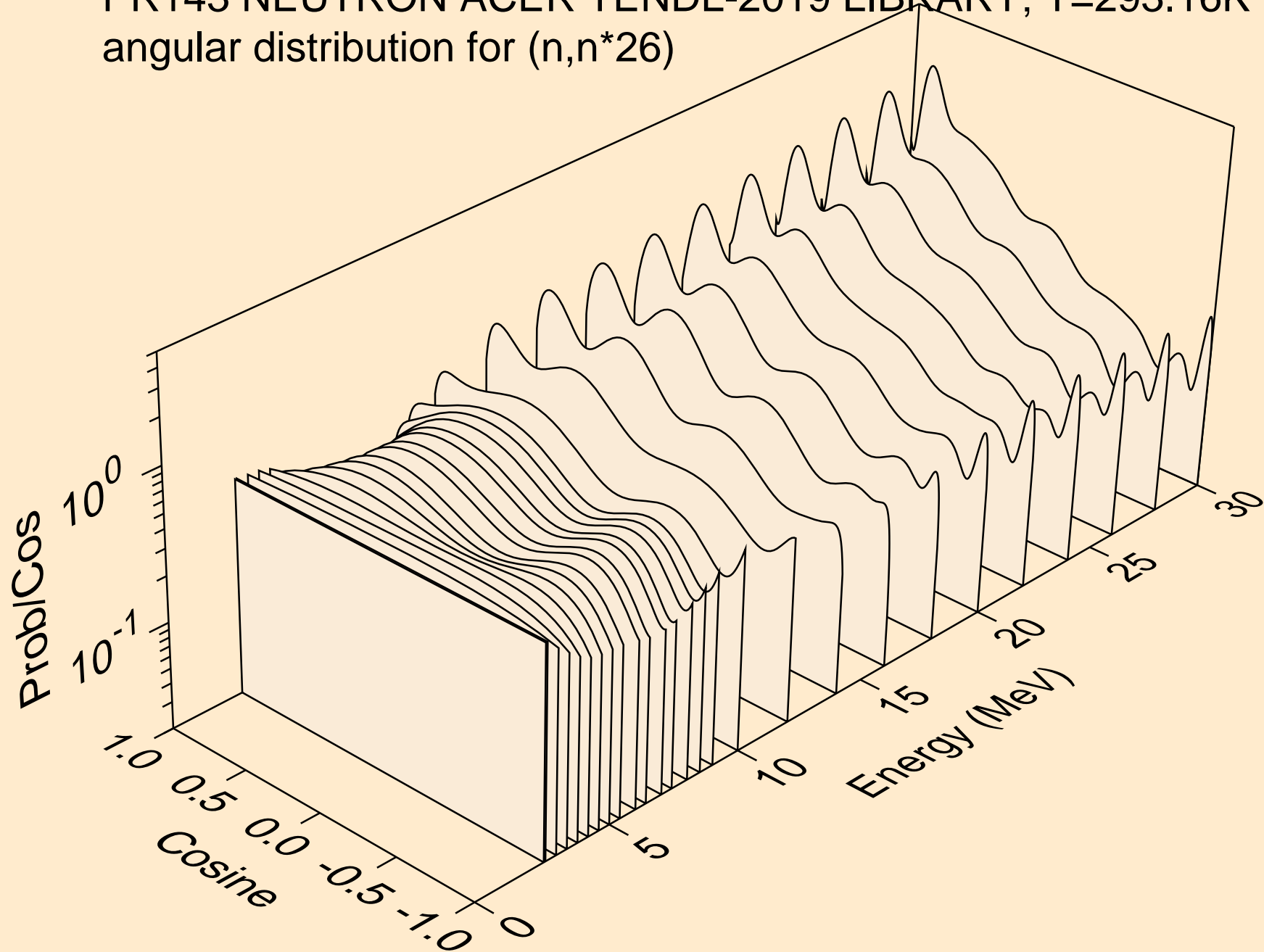


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

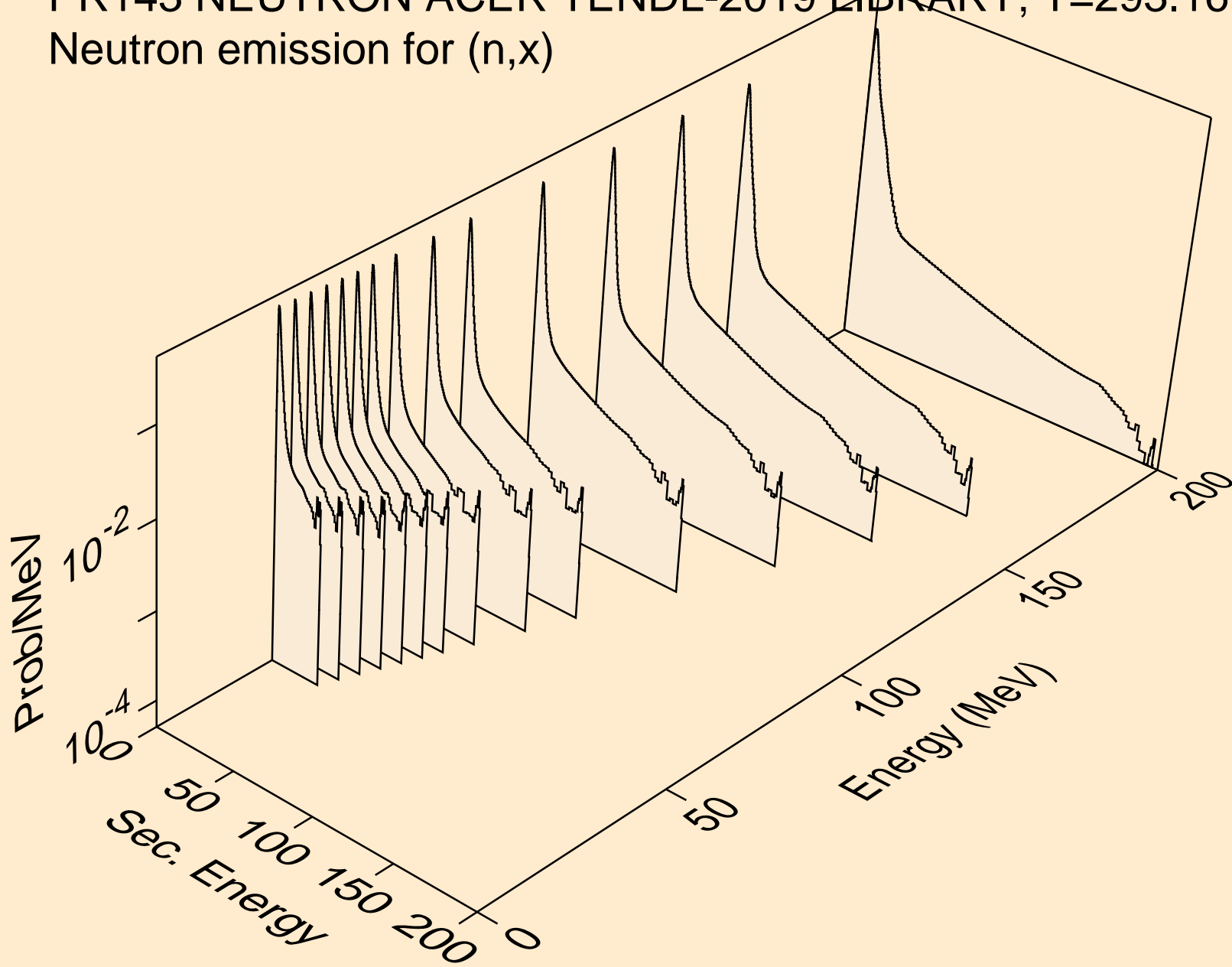




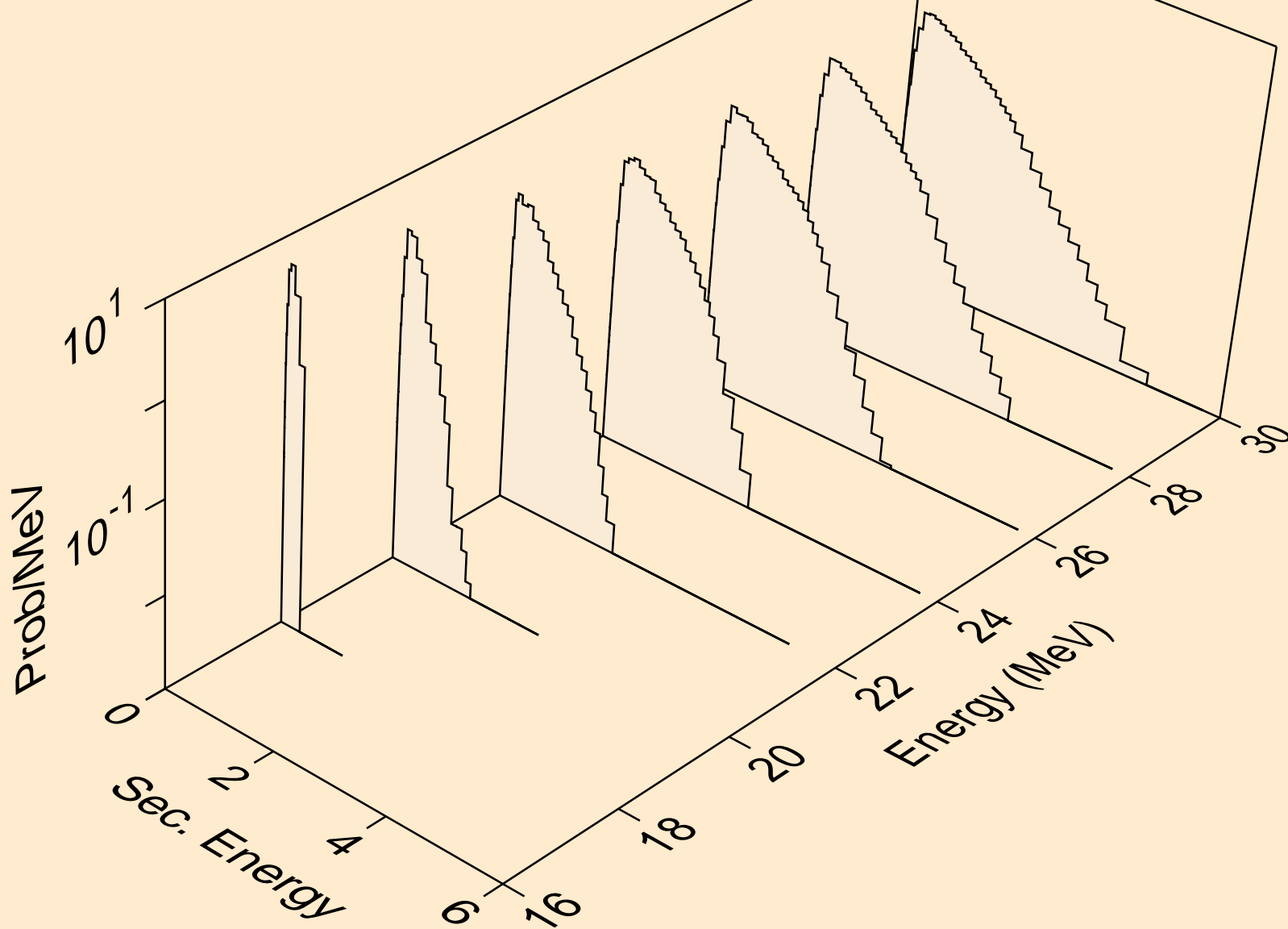
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angular distribution for (n,n\*26)



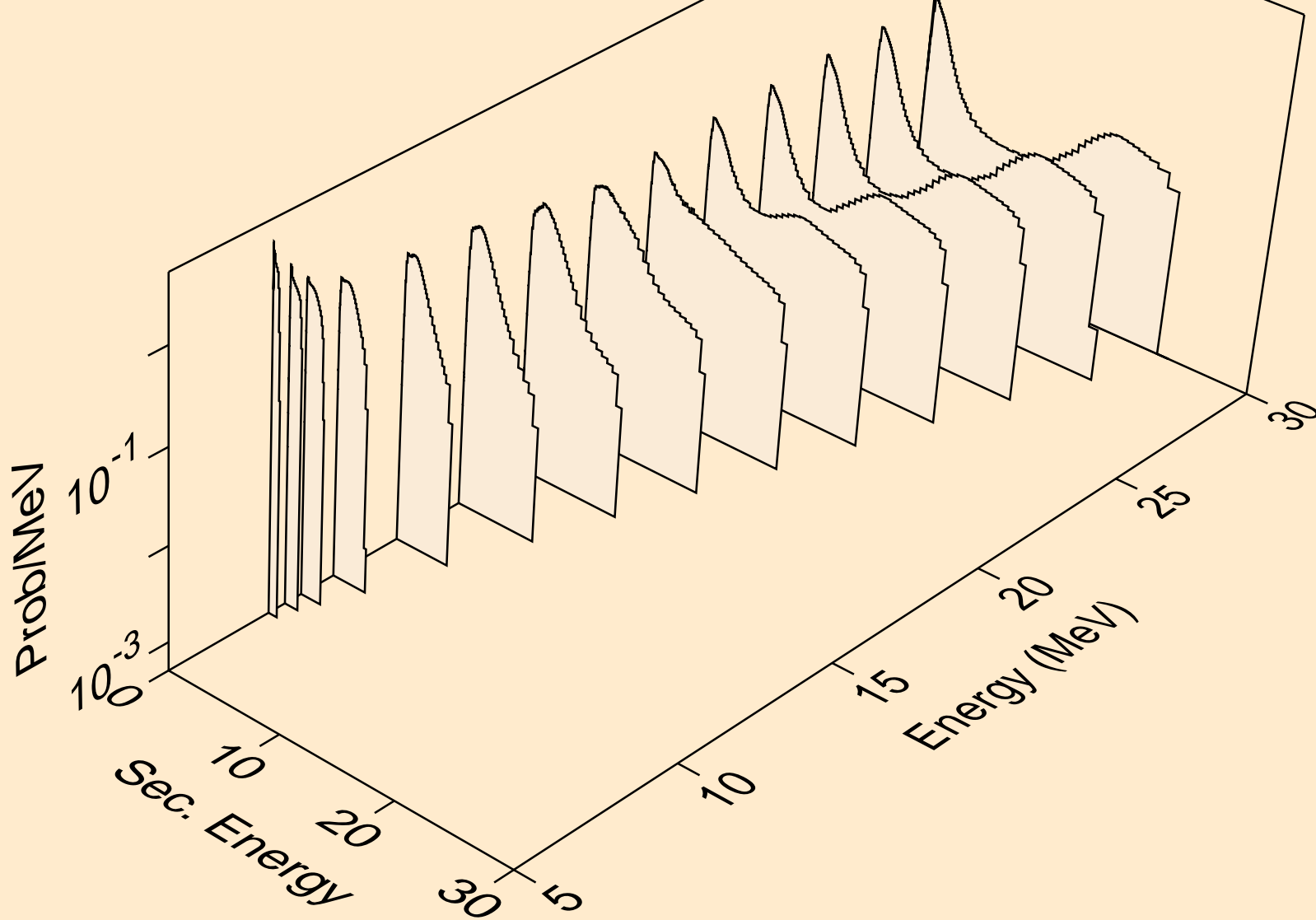
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



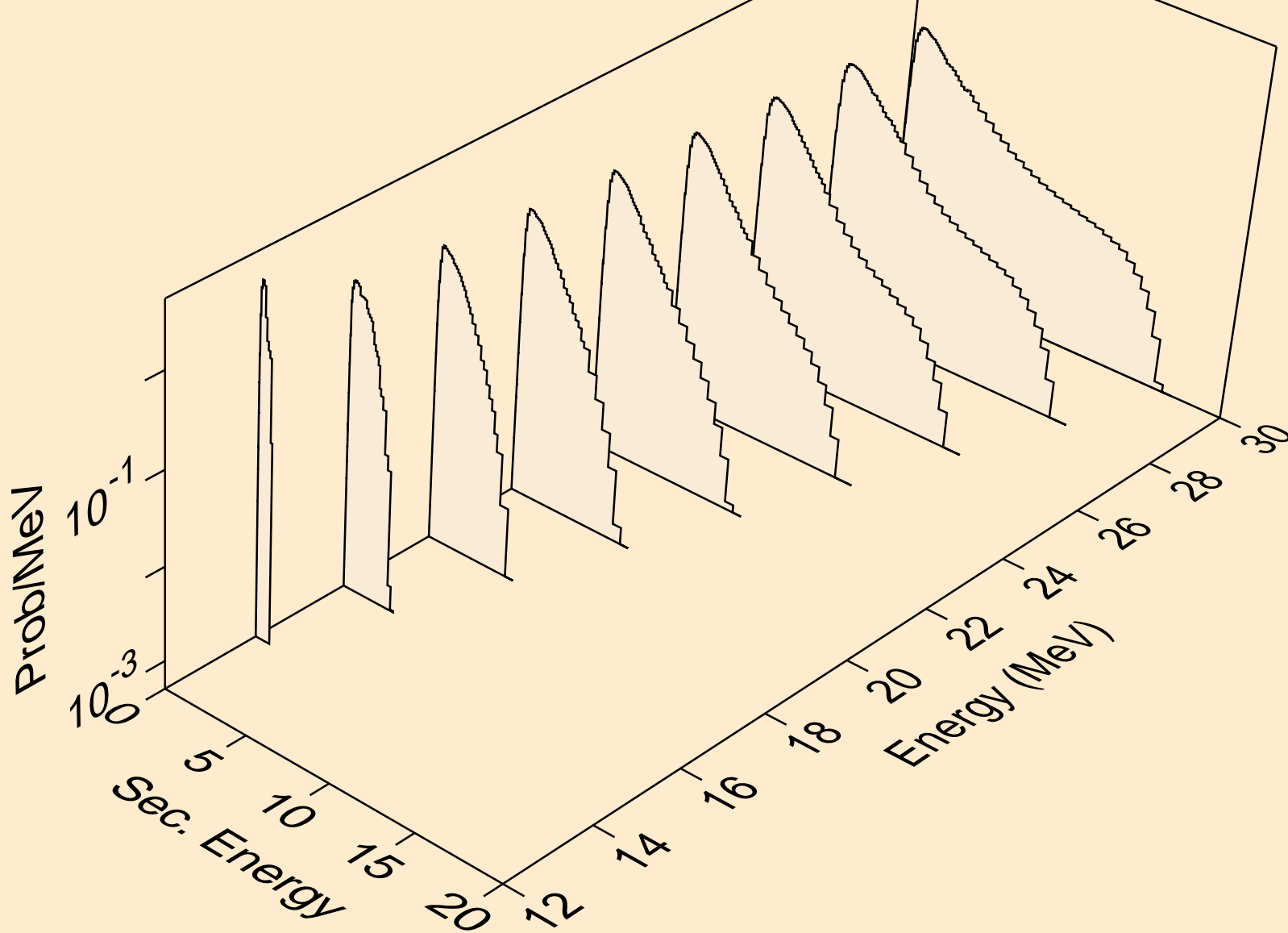
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



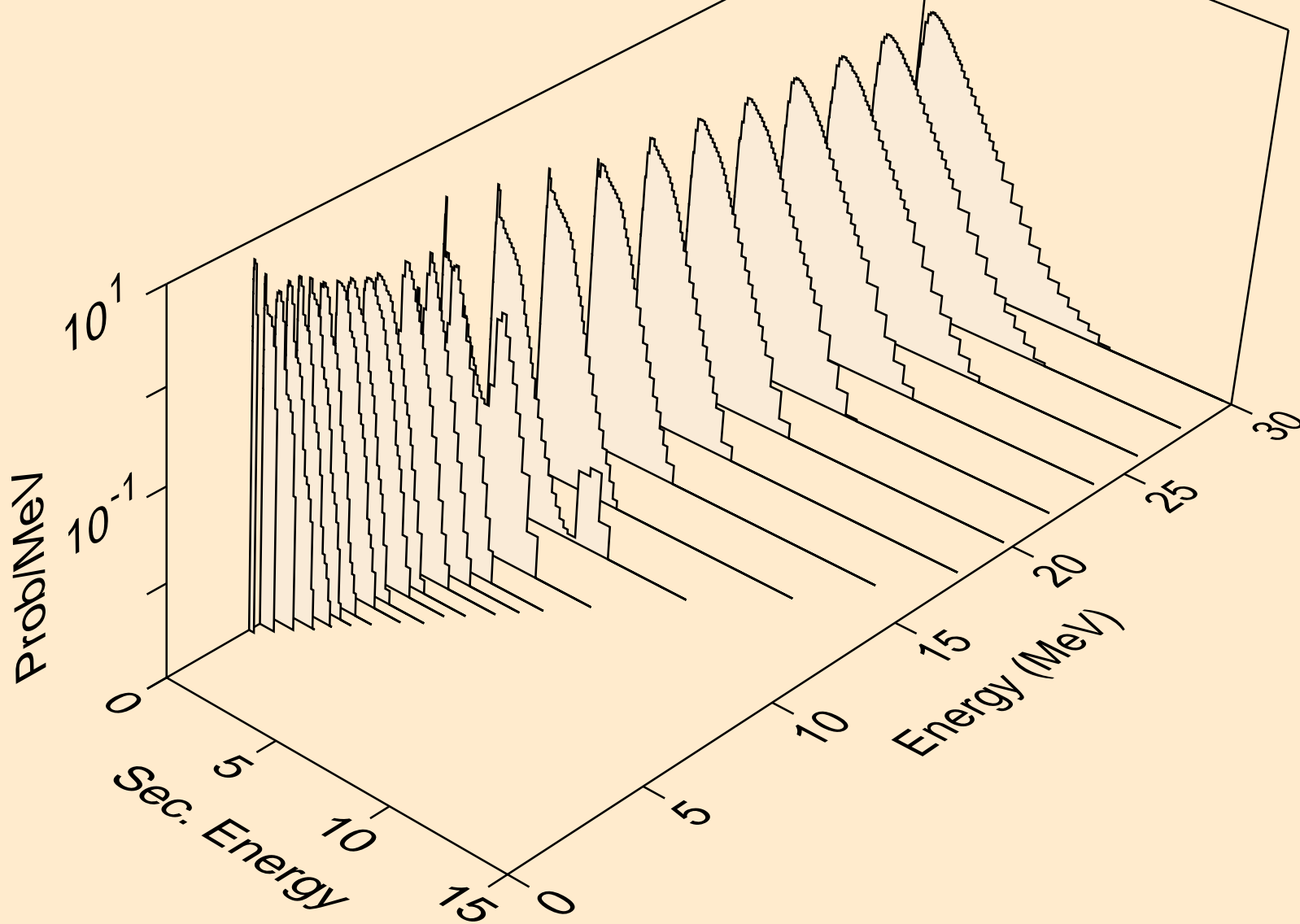
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



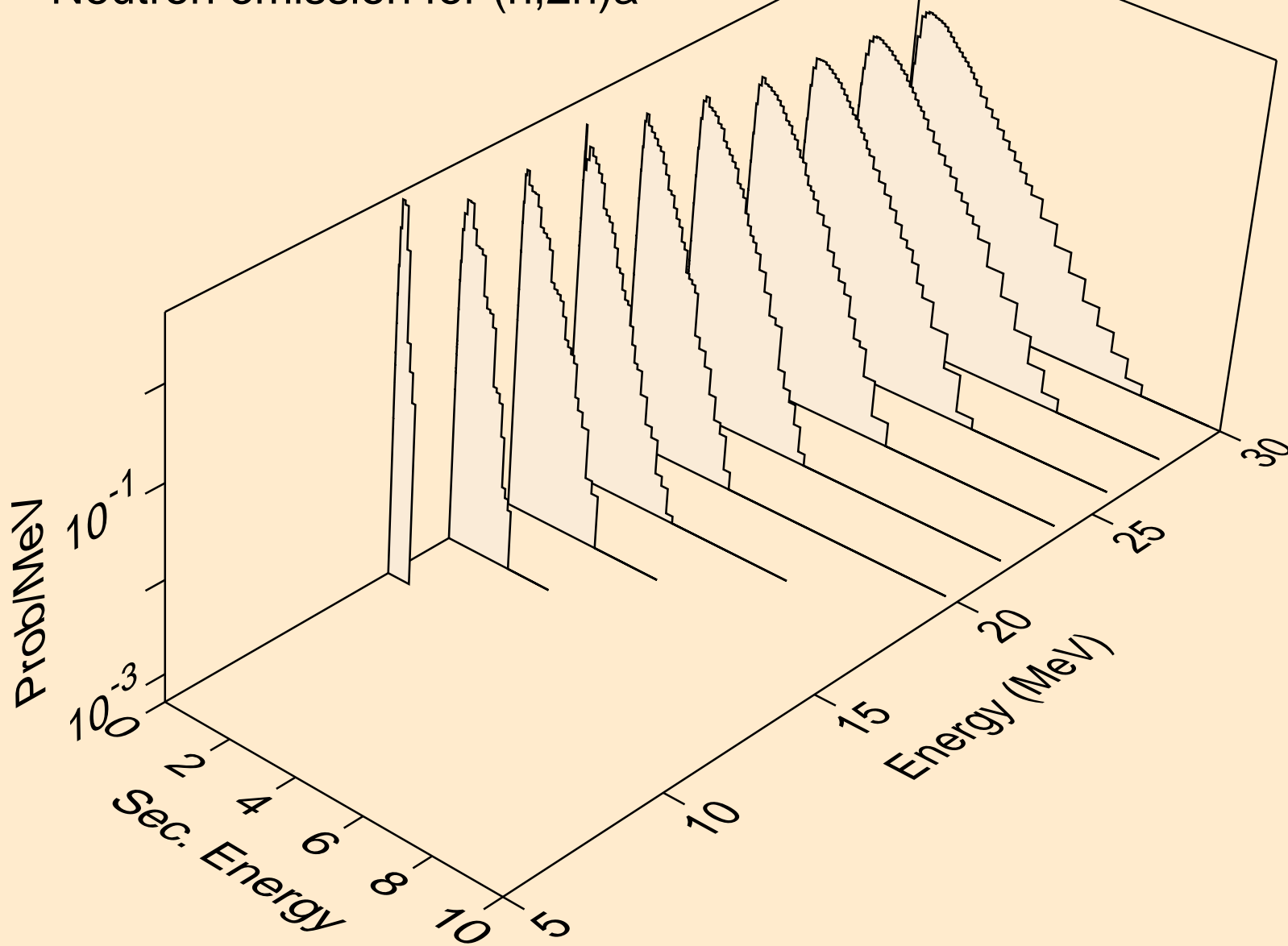
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



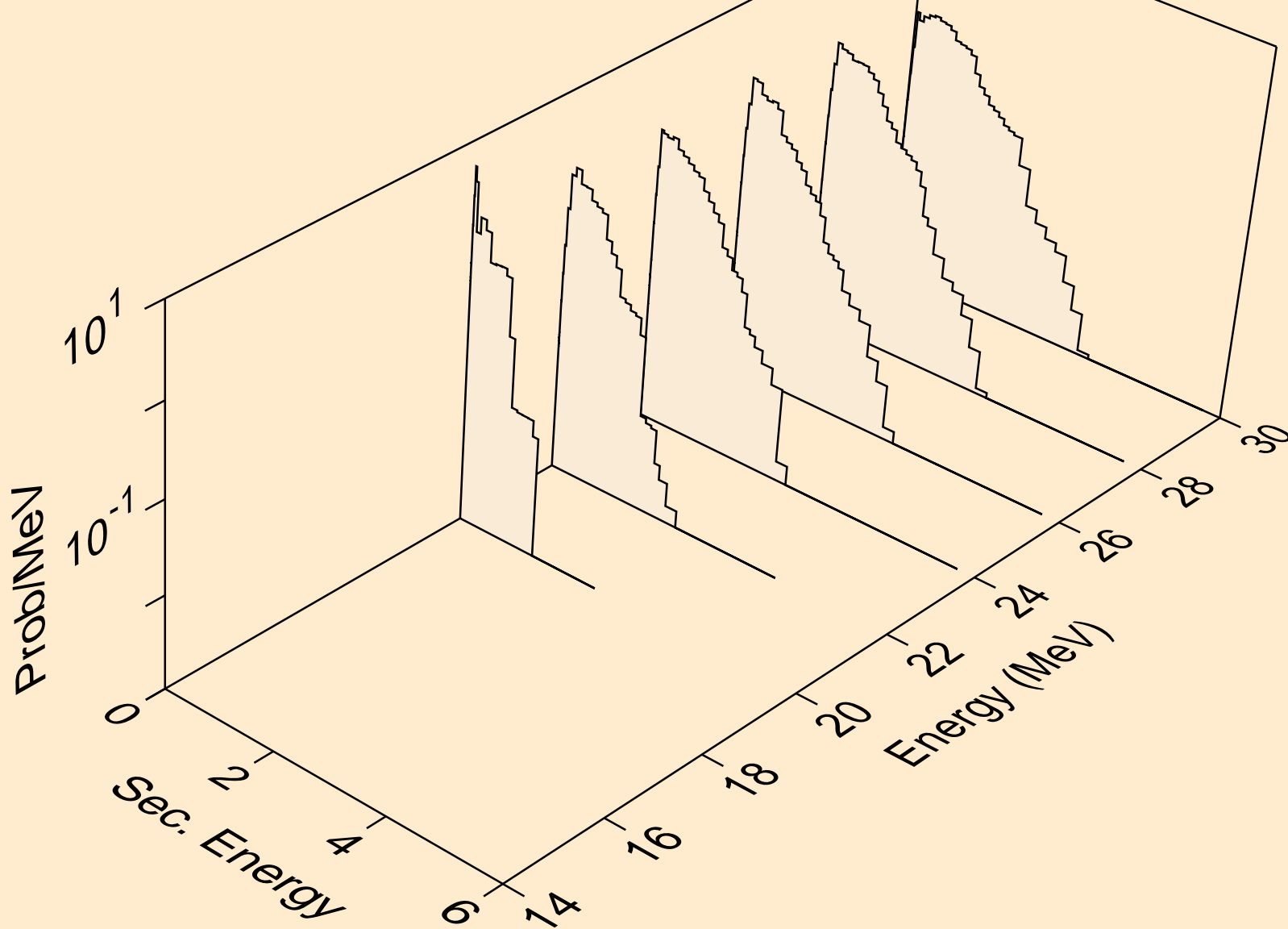
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

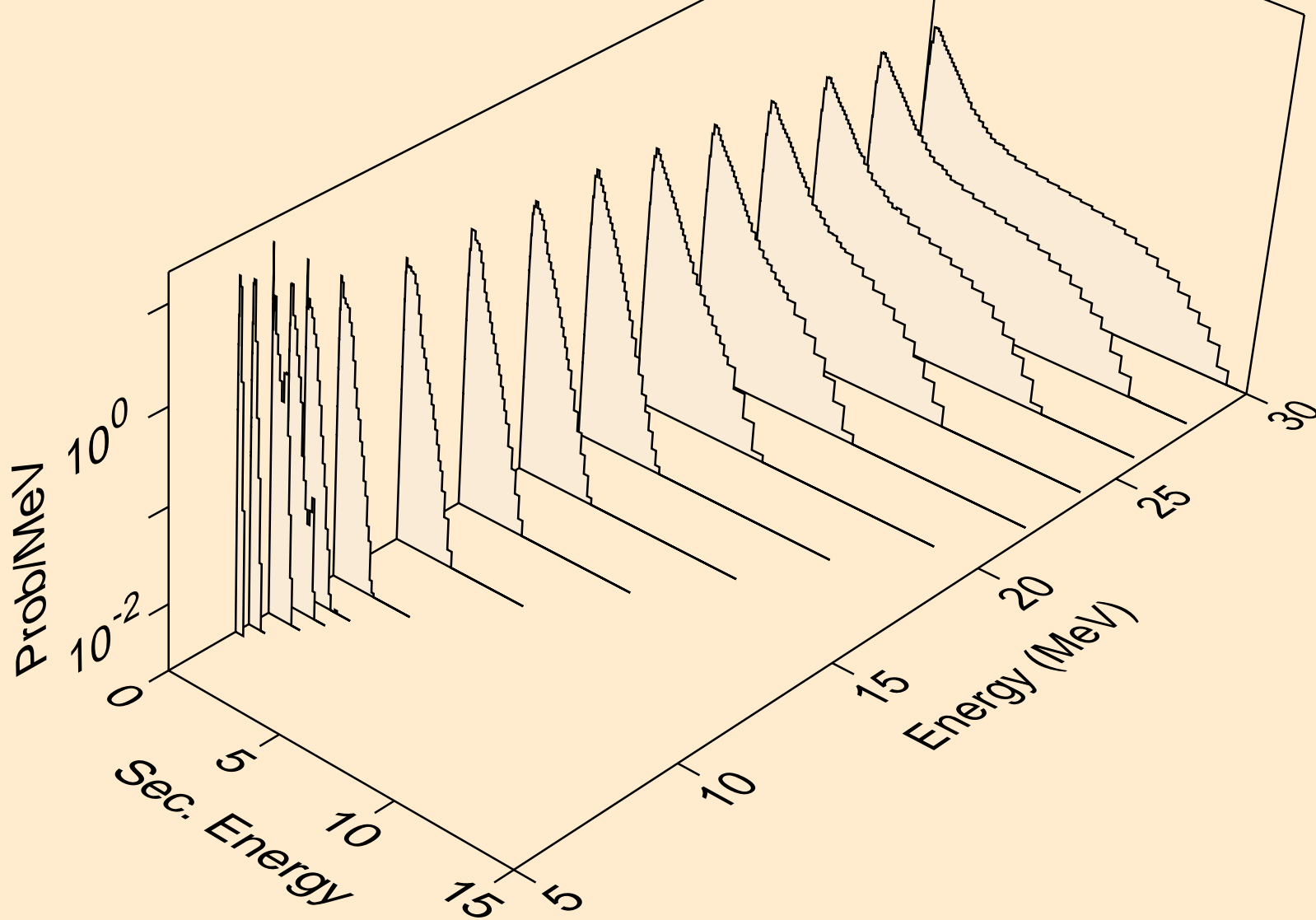


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a

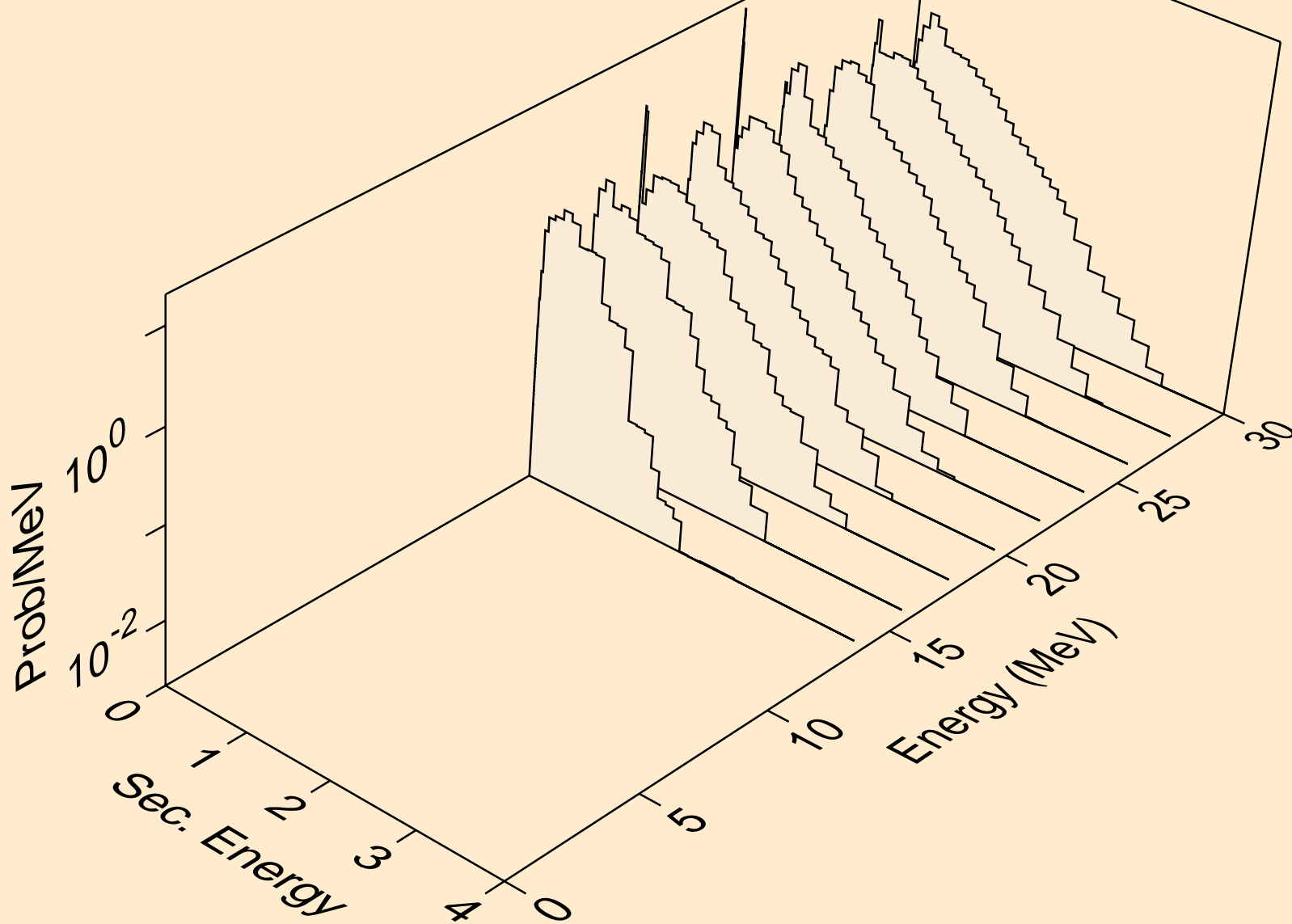




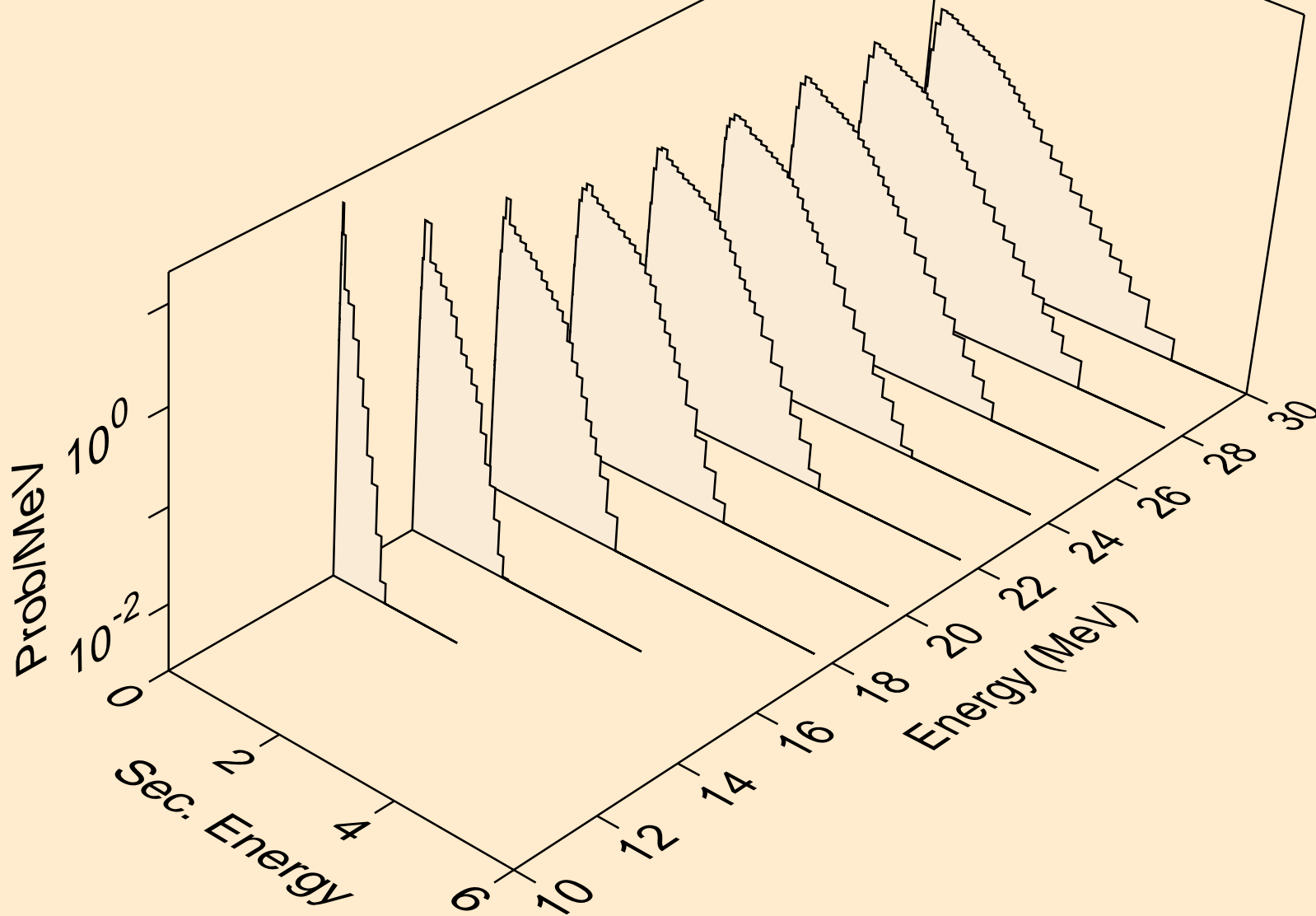
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



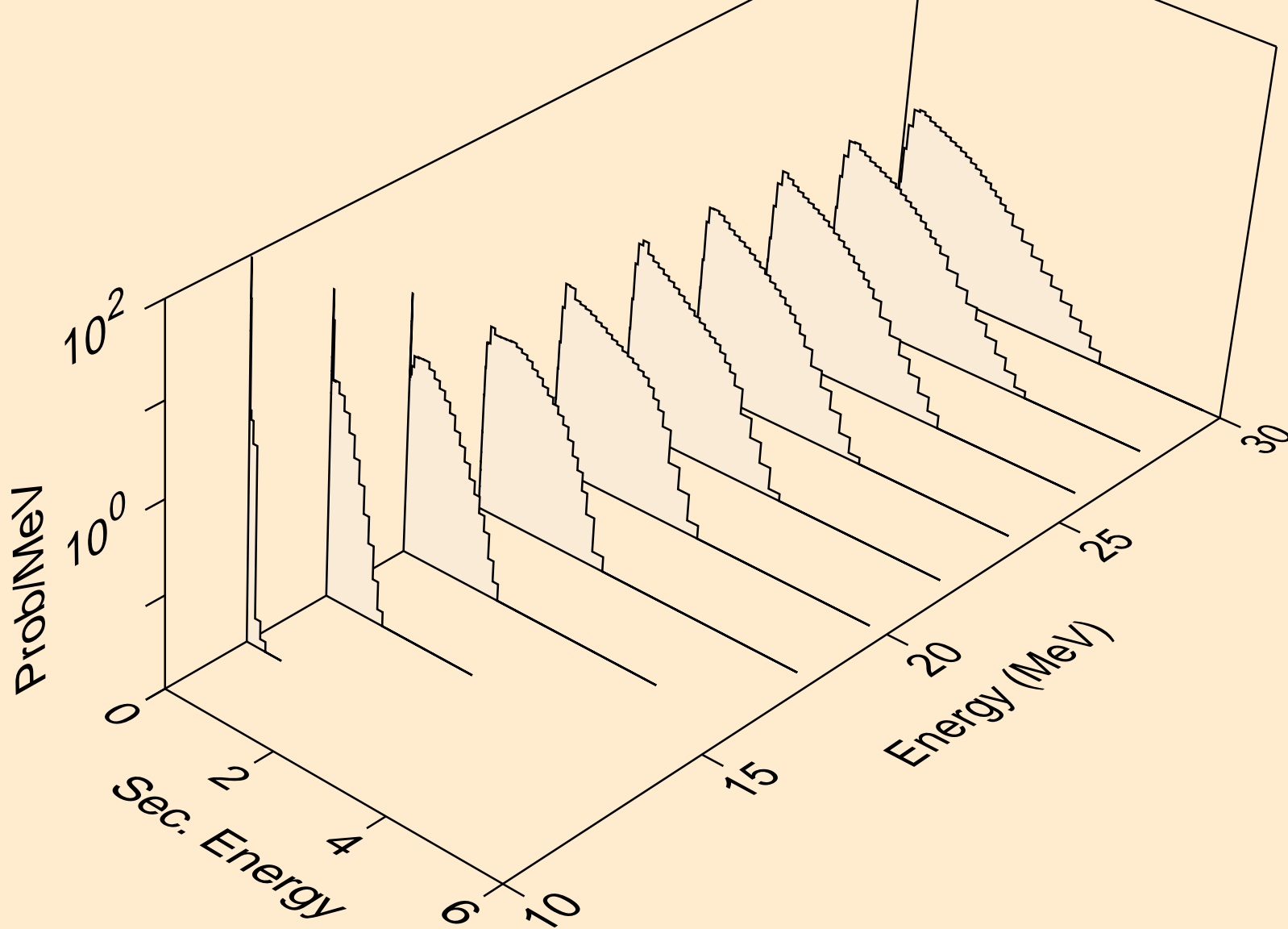
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Neutron emission for (n,n\*)2a



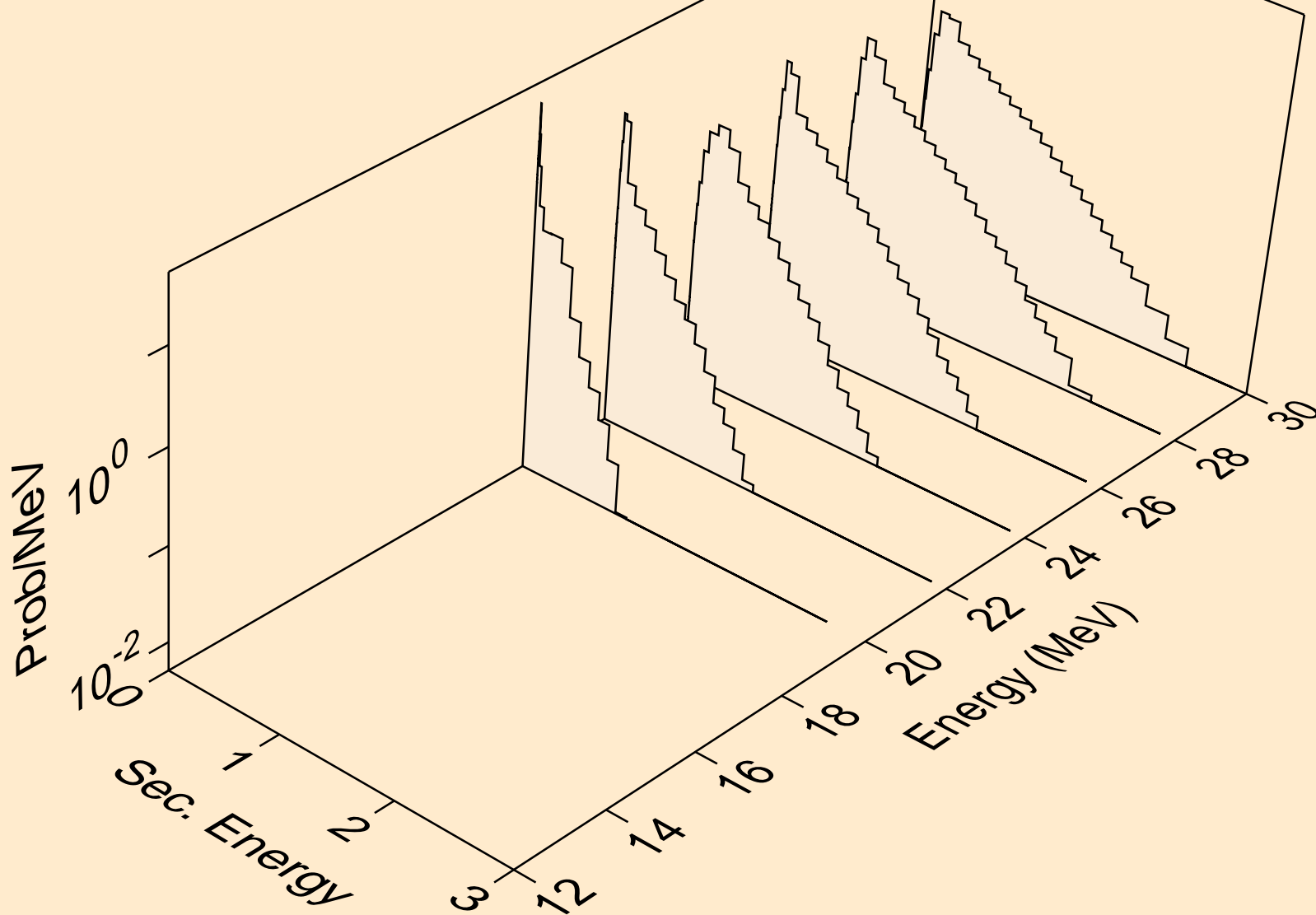
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



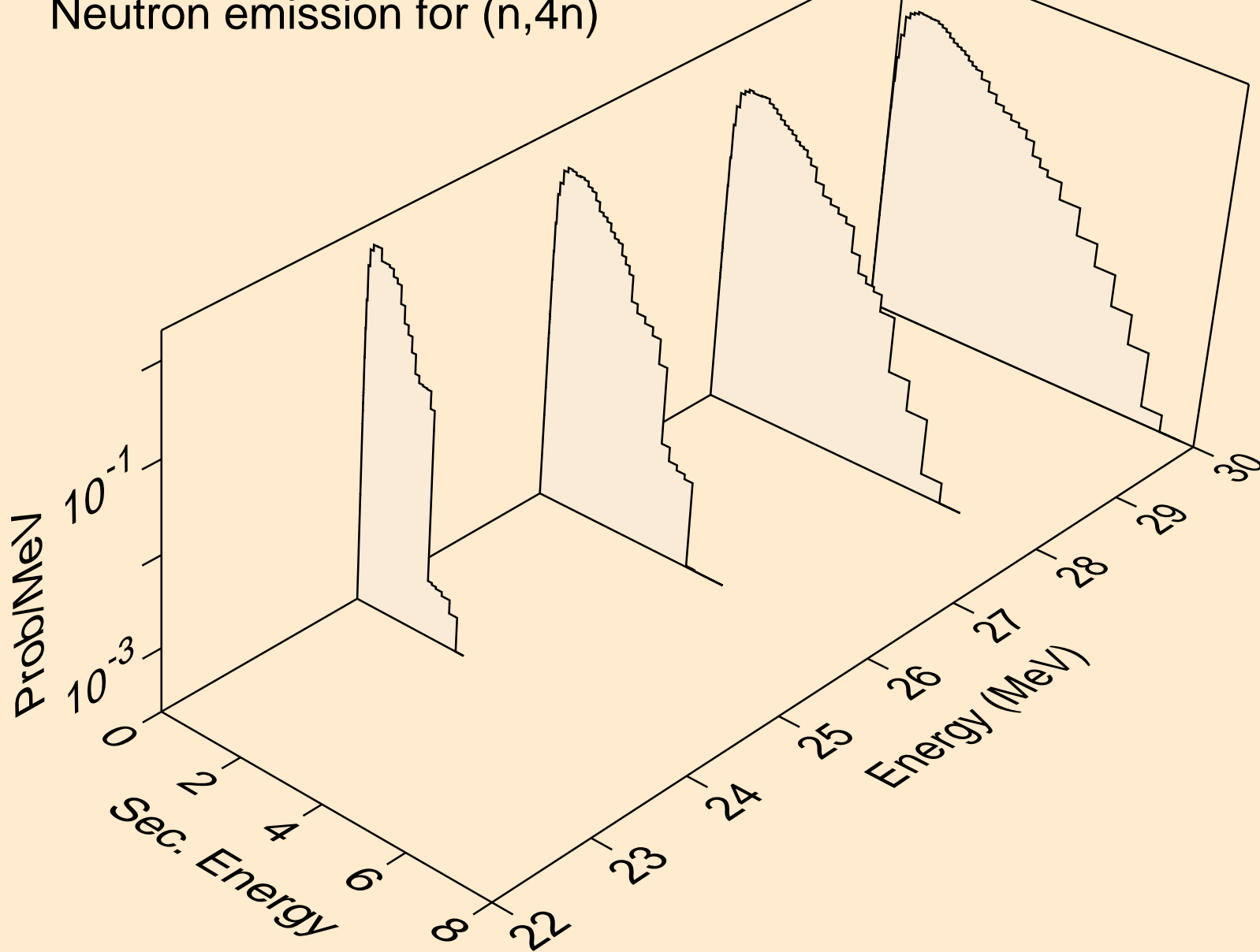
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



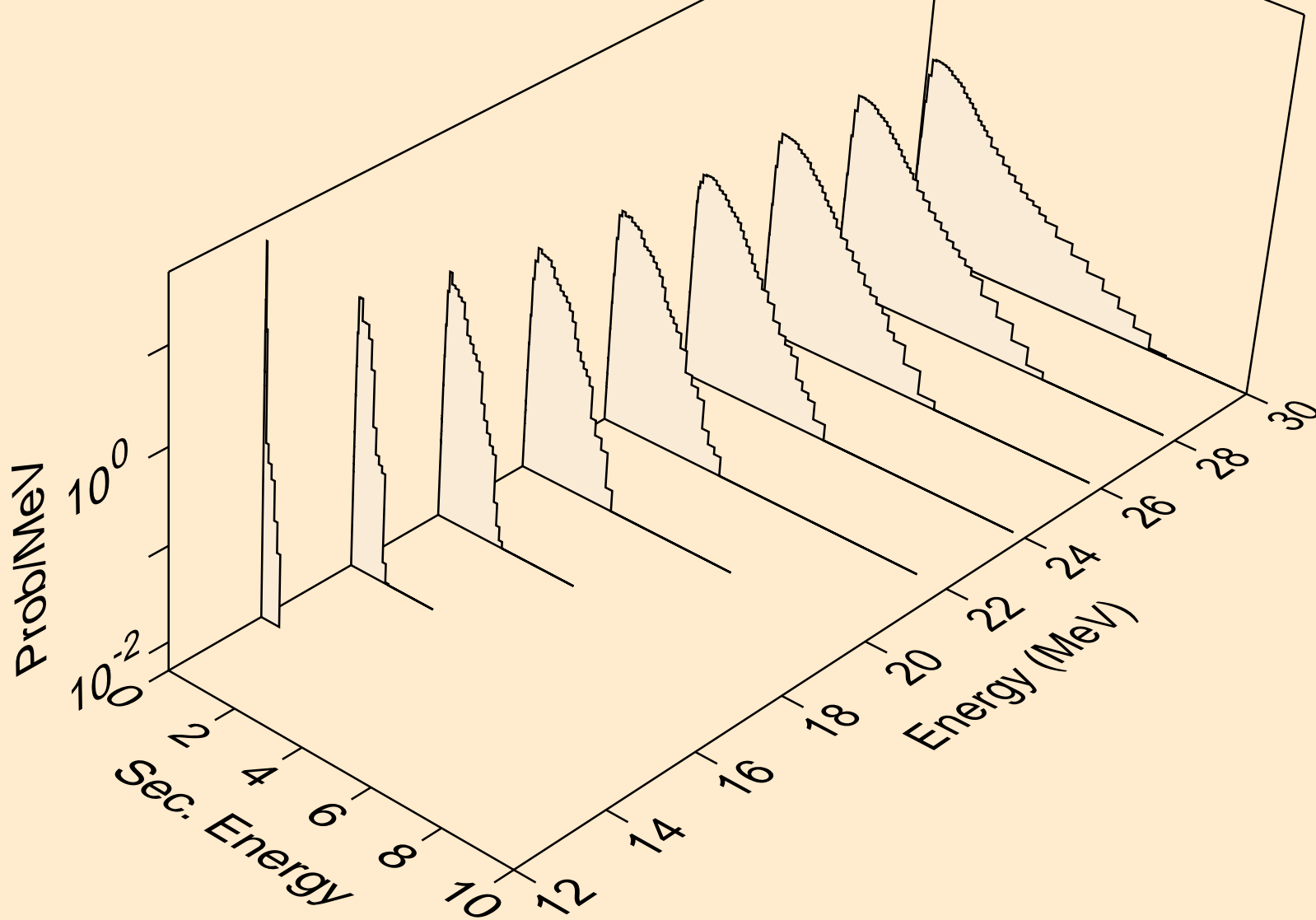
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



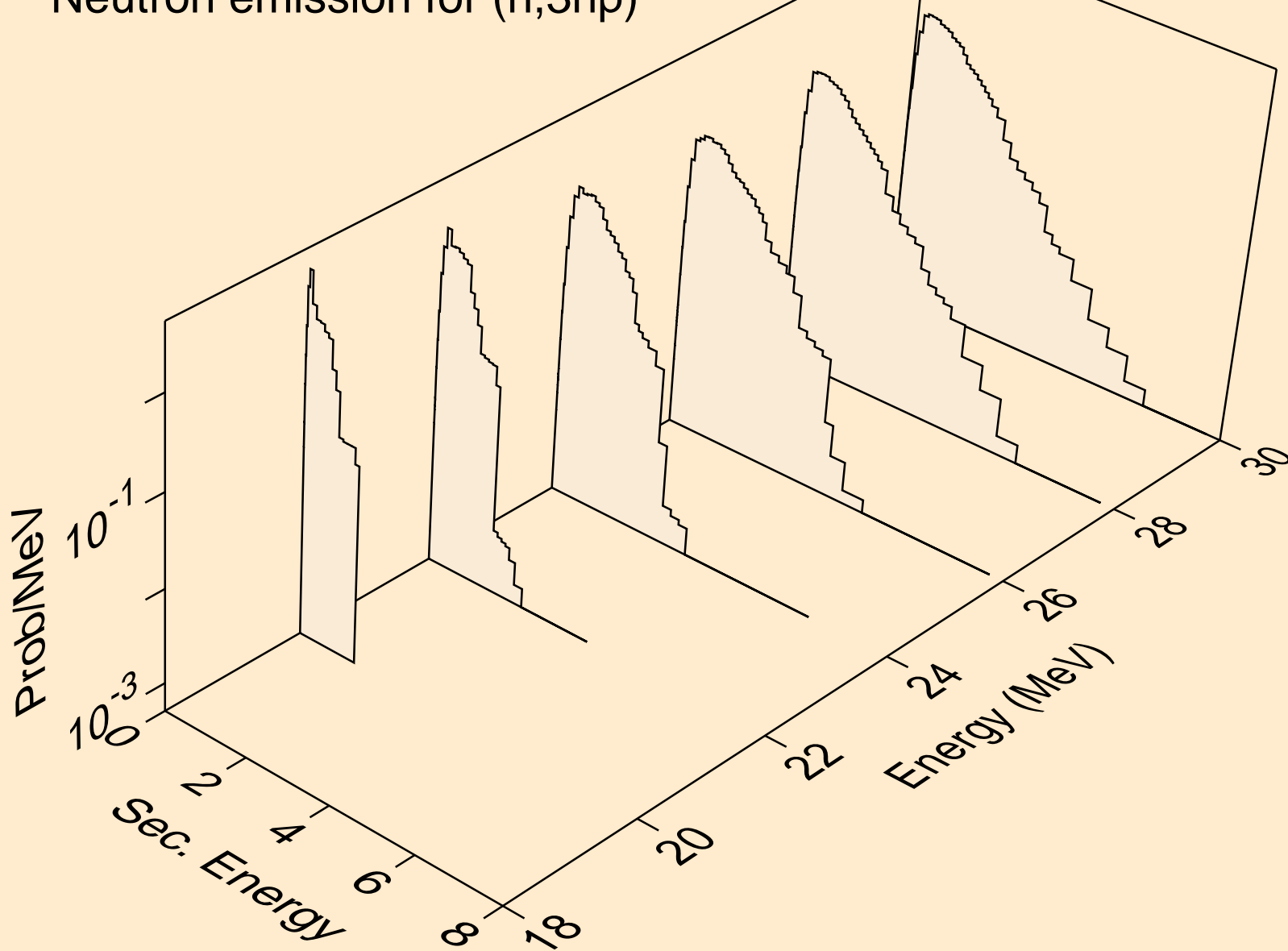
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

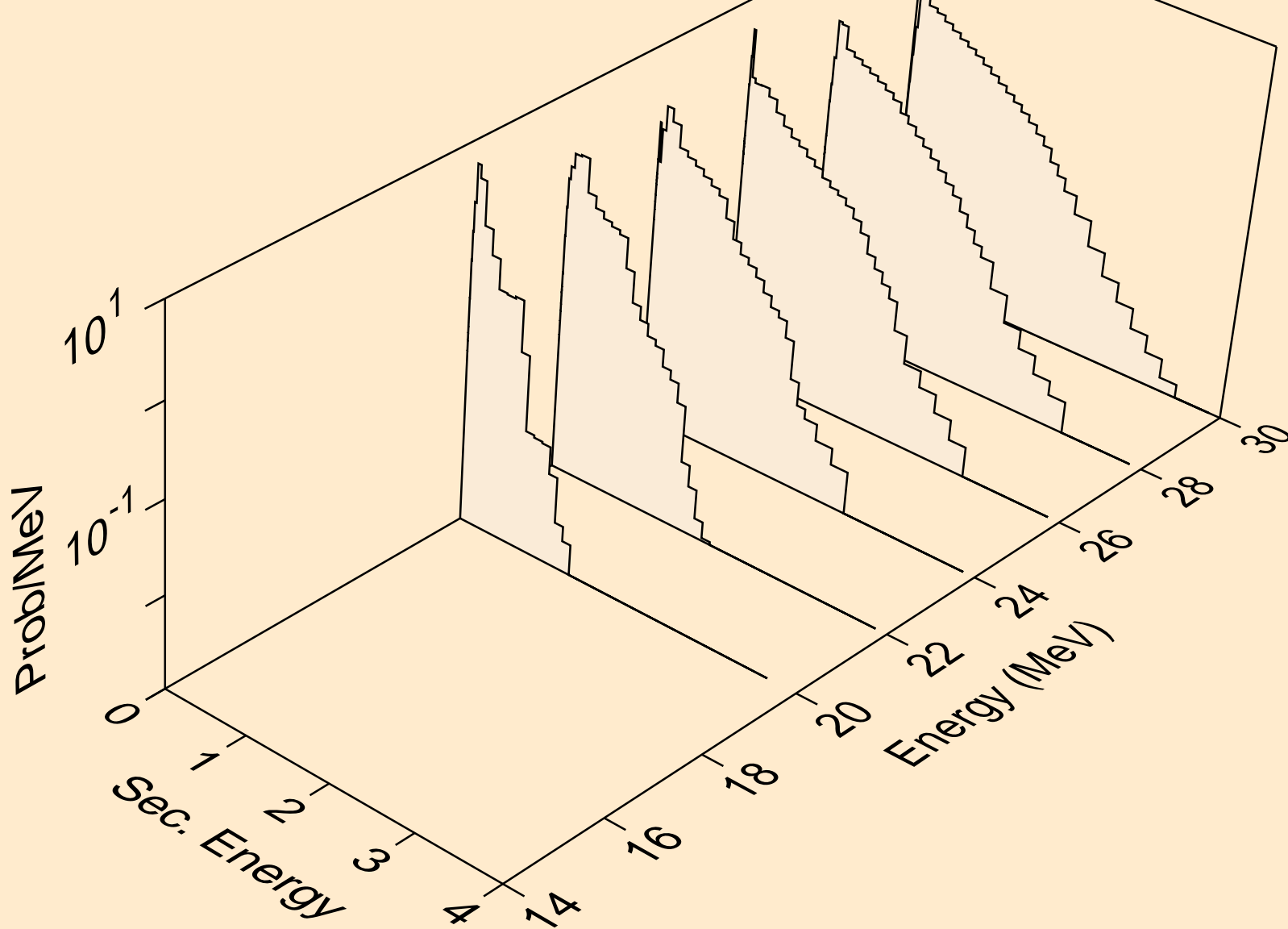


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

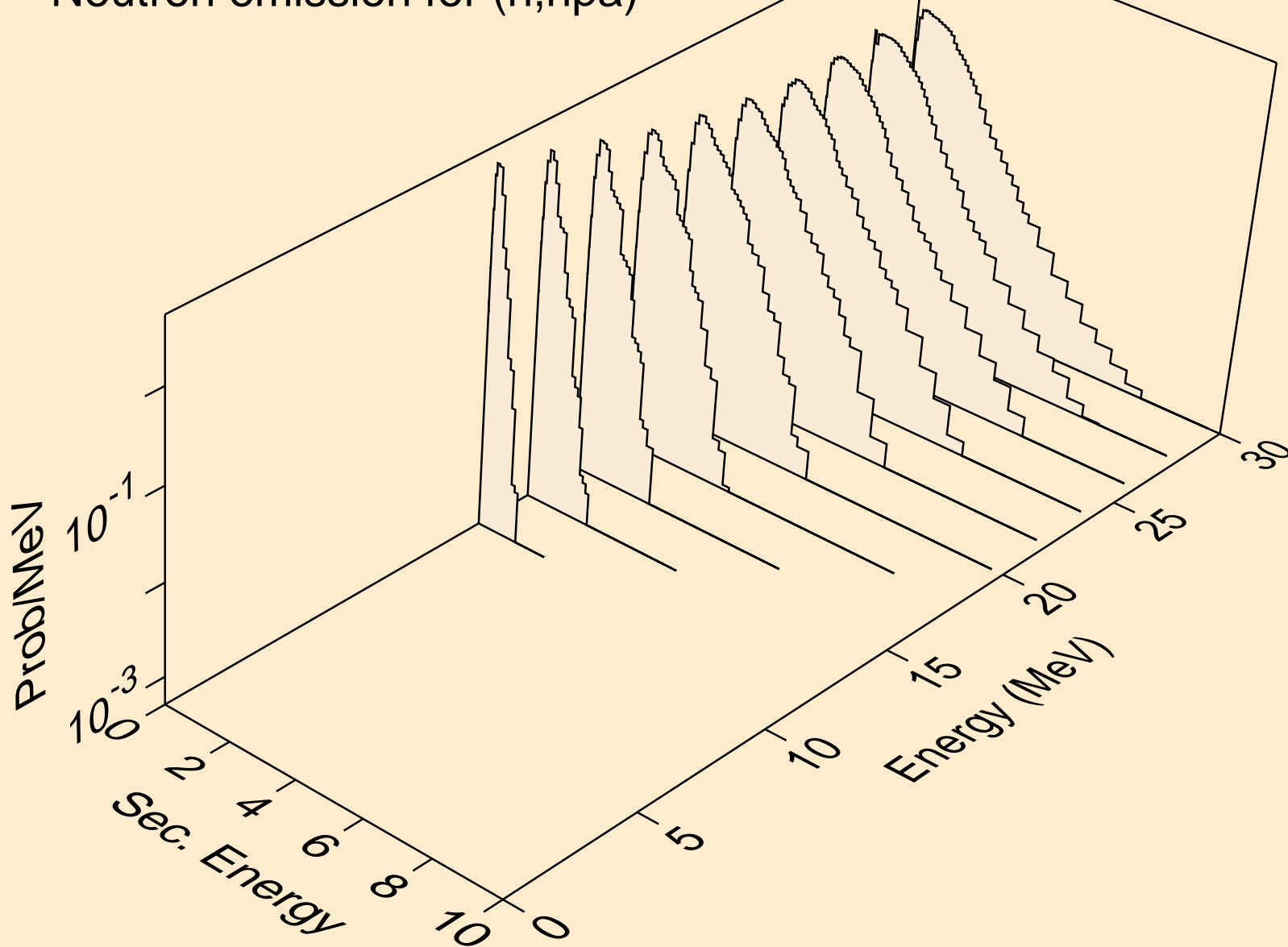




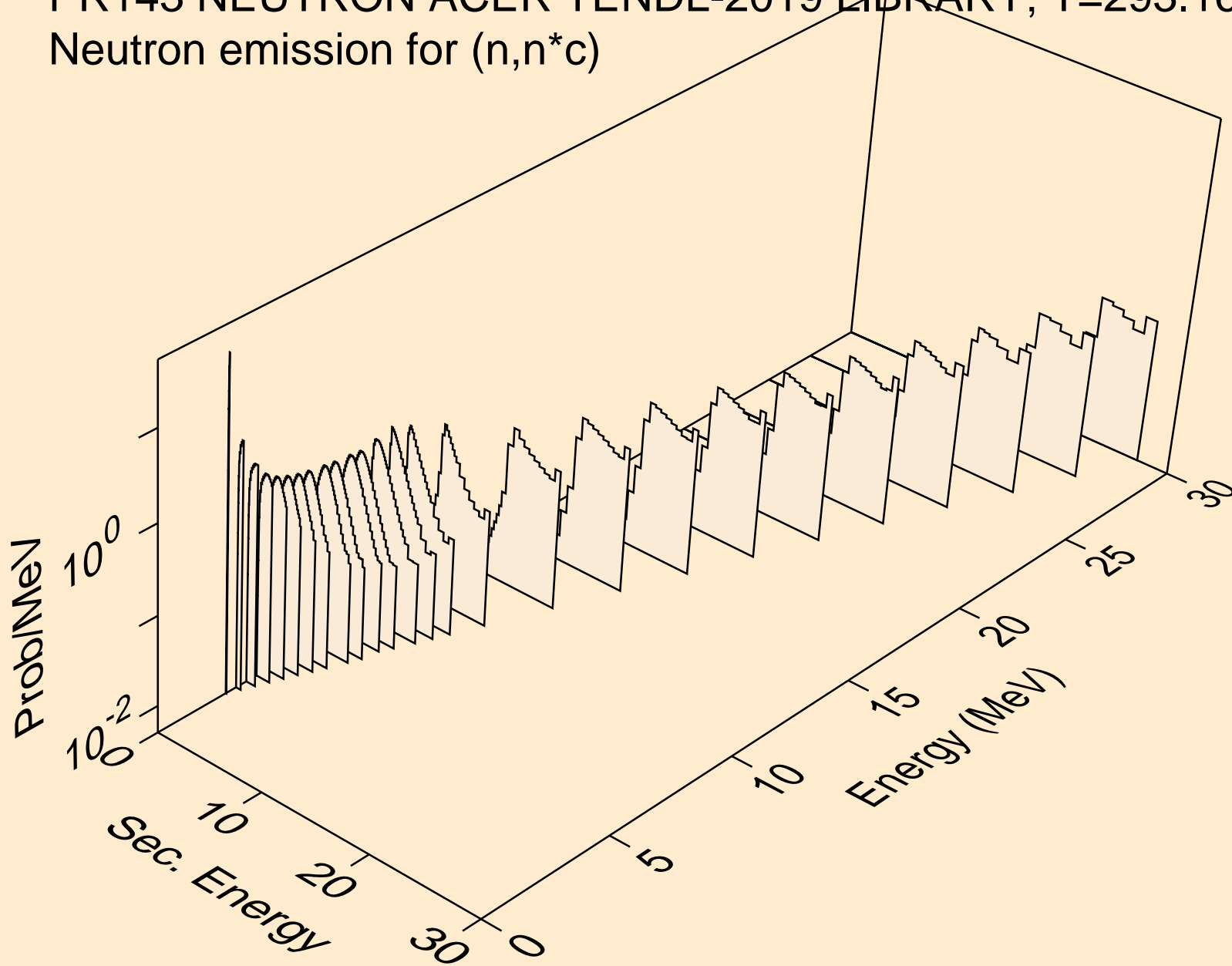
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



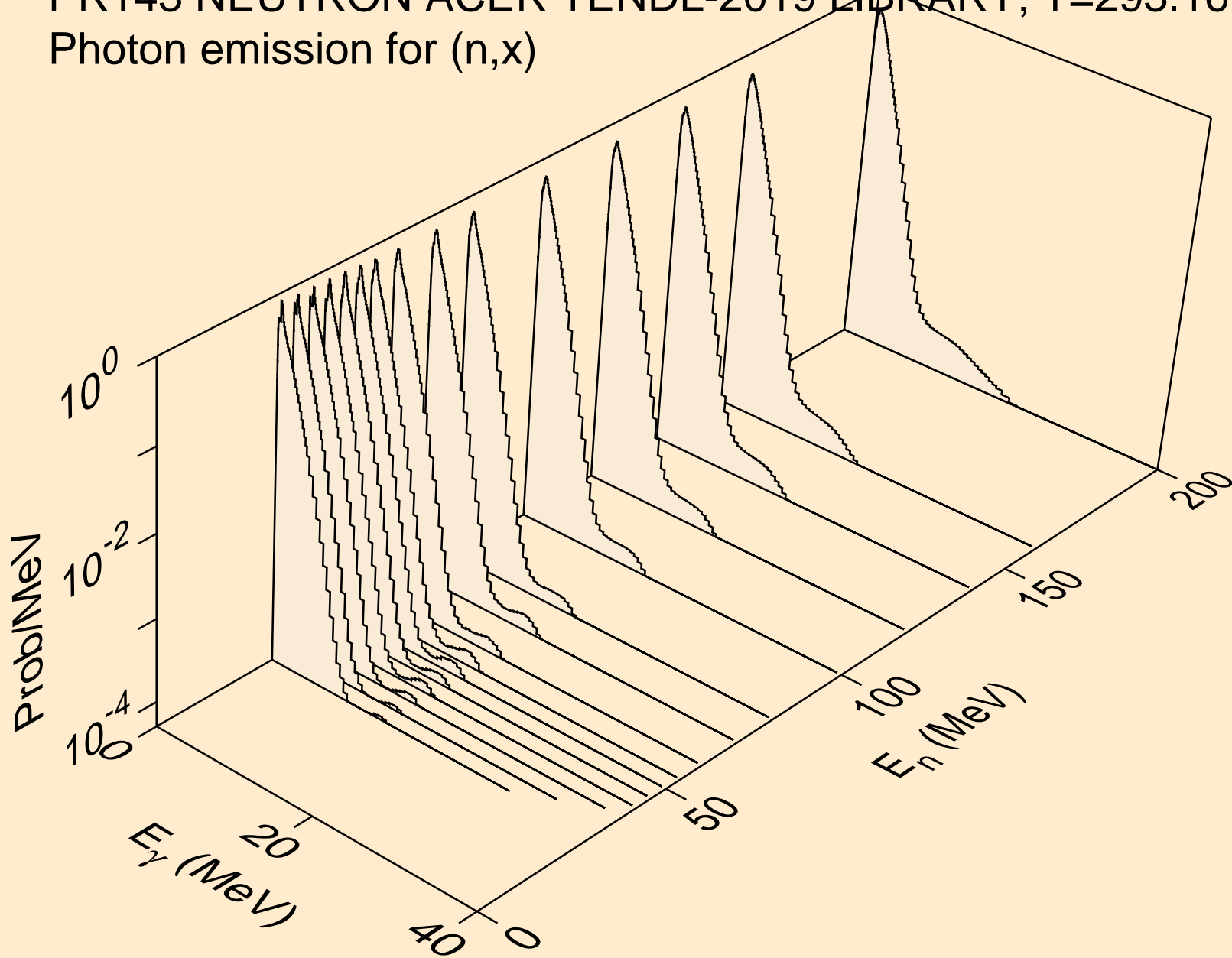
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



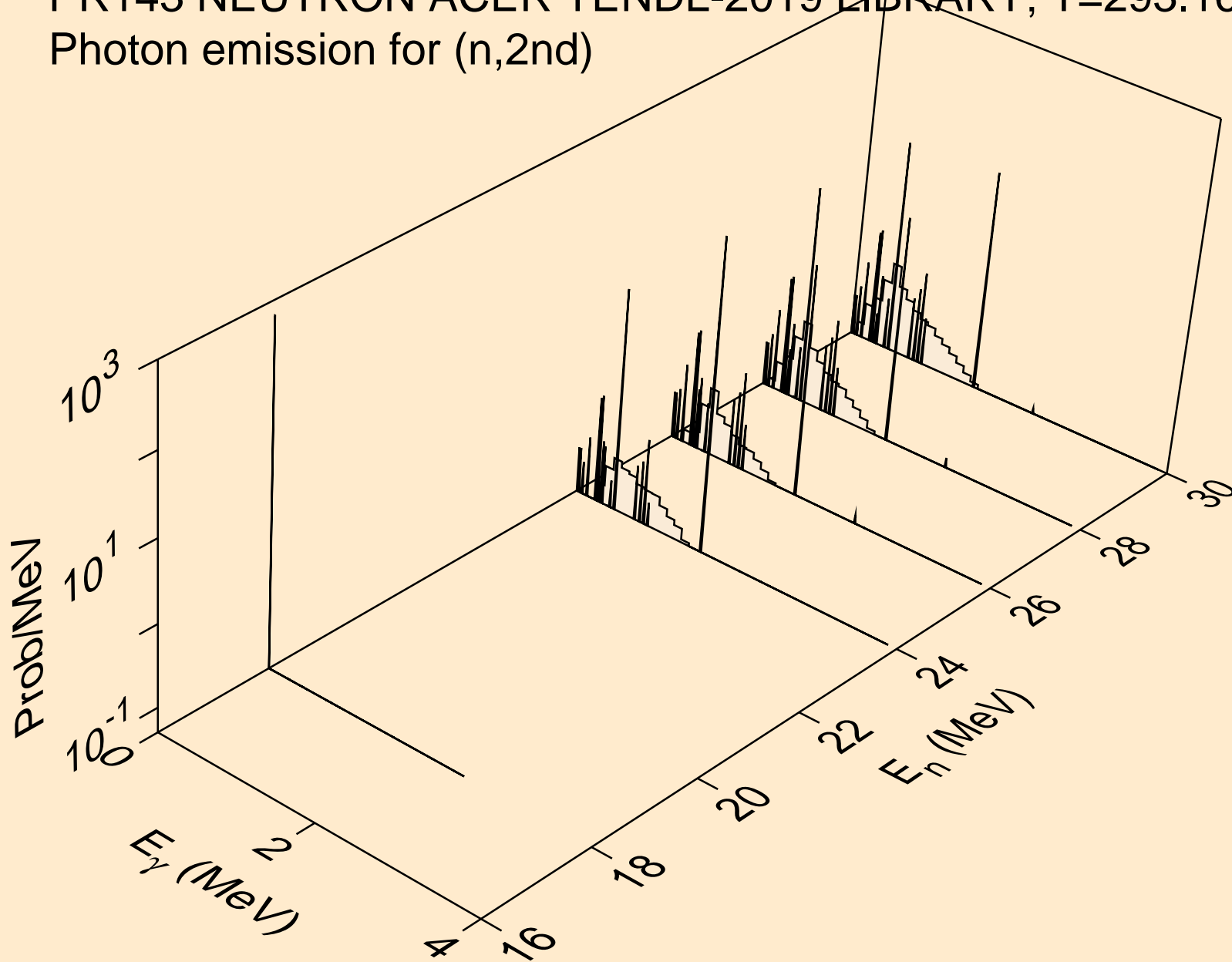
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



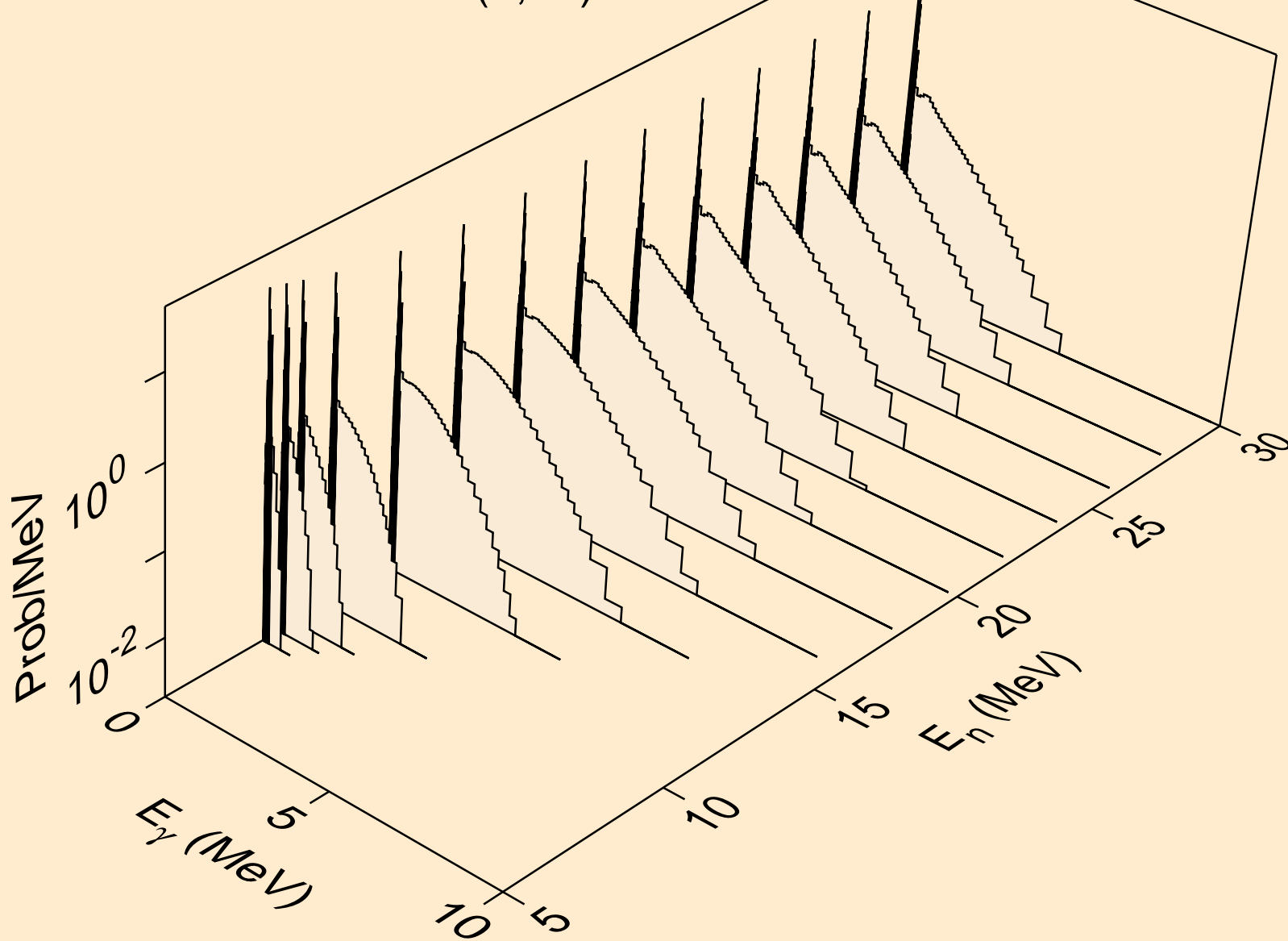
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



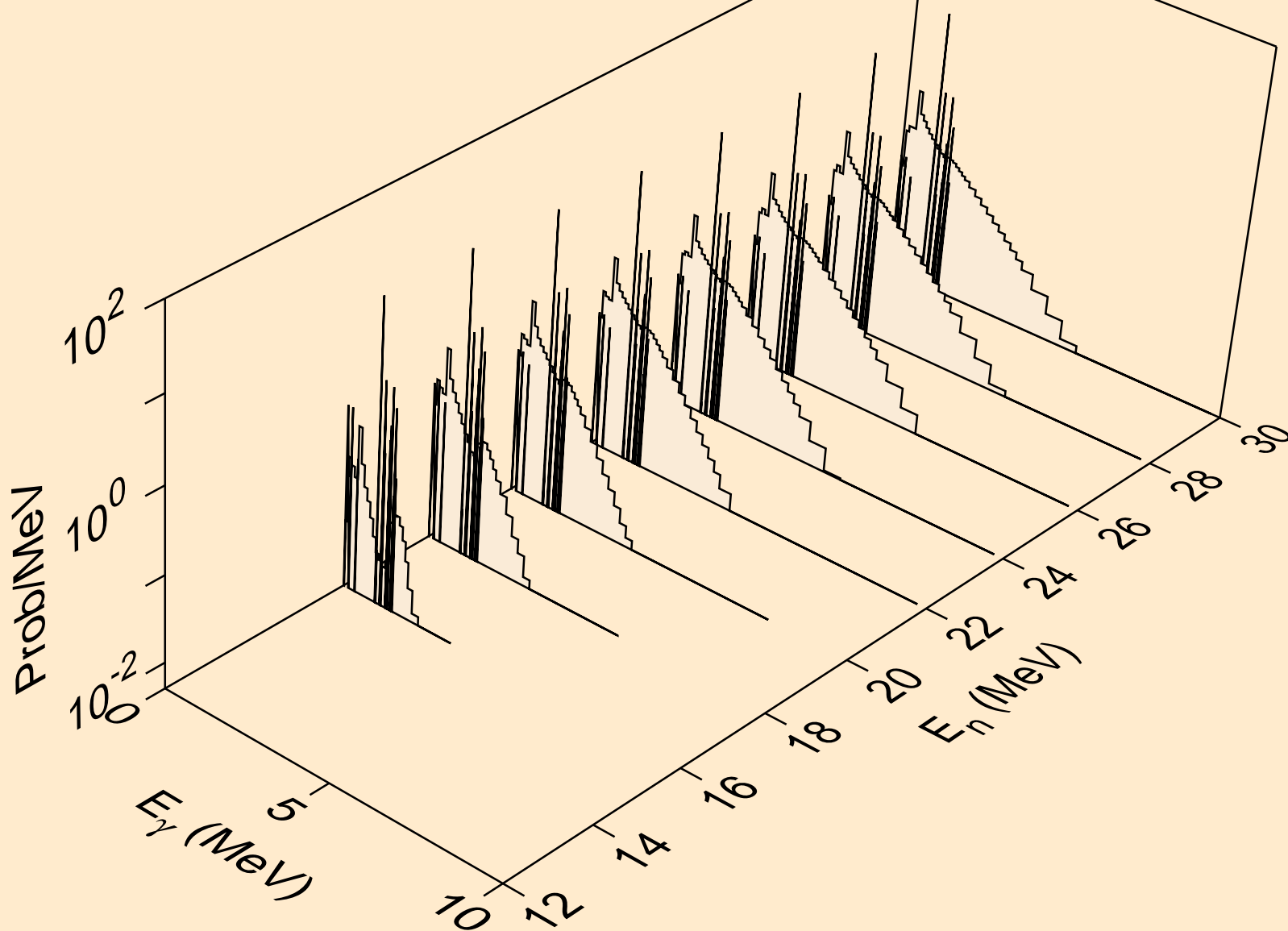
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



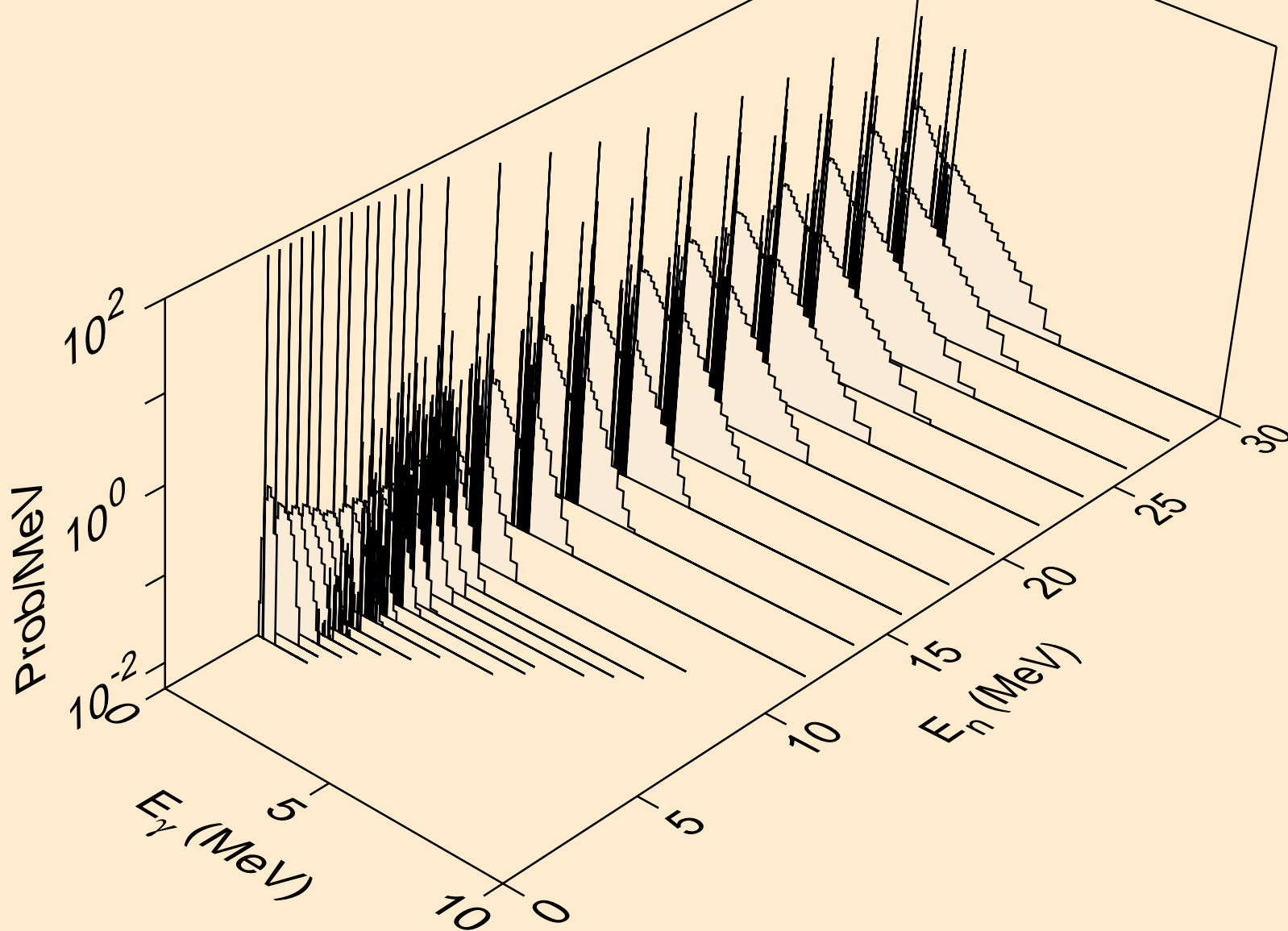
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

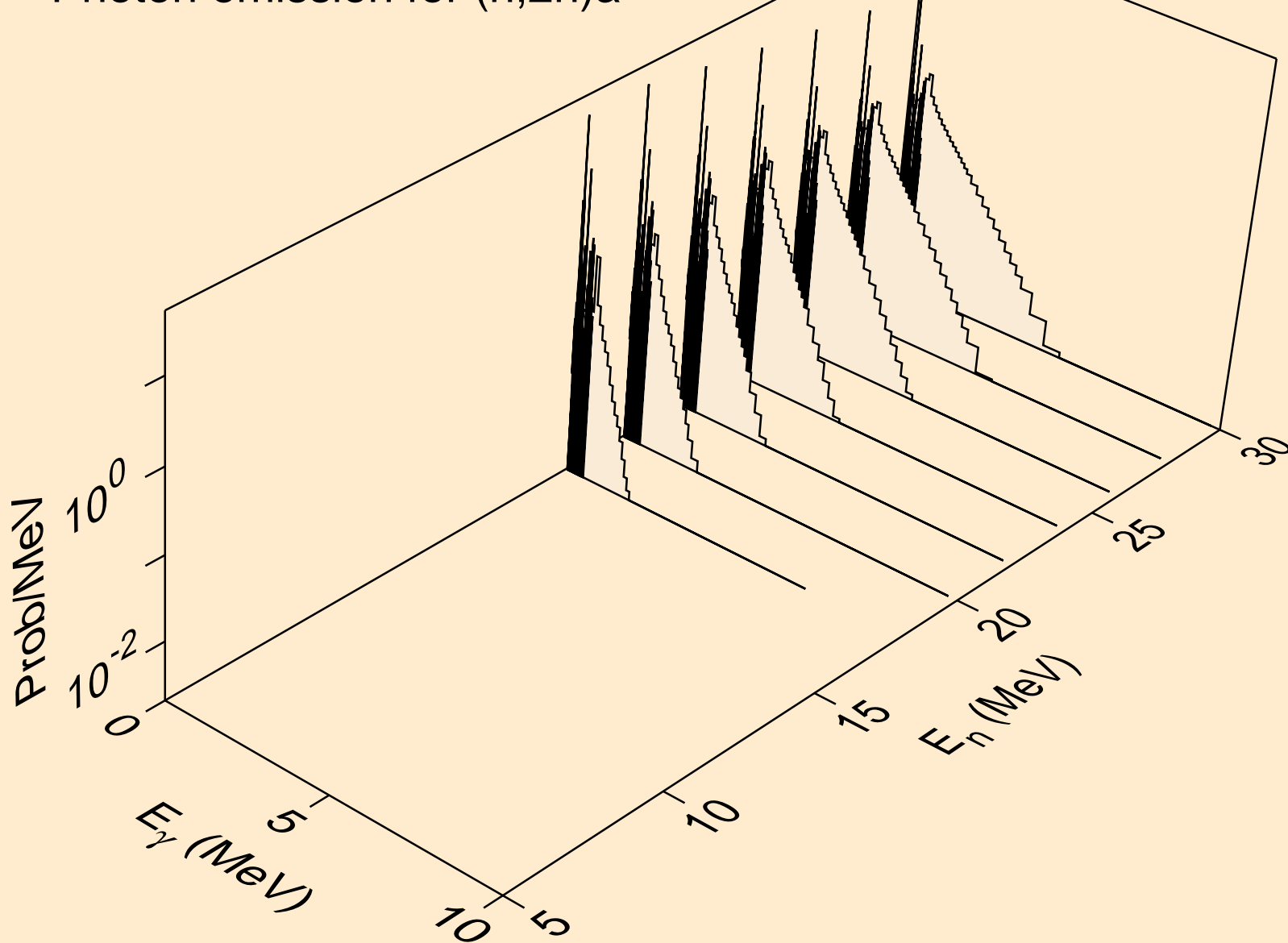


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

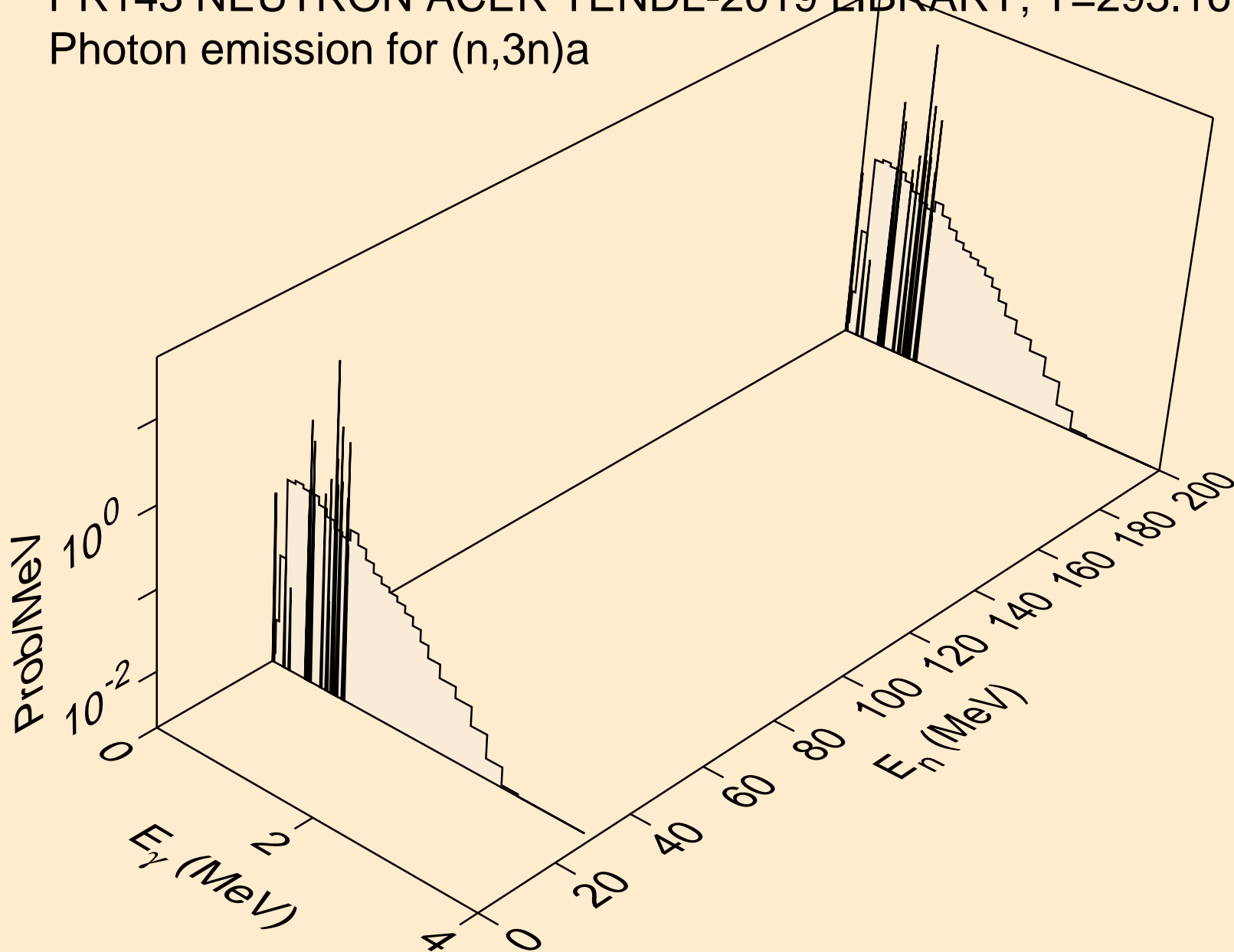




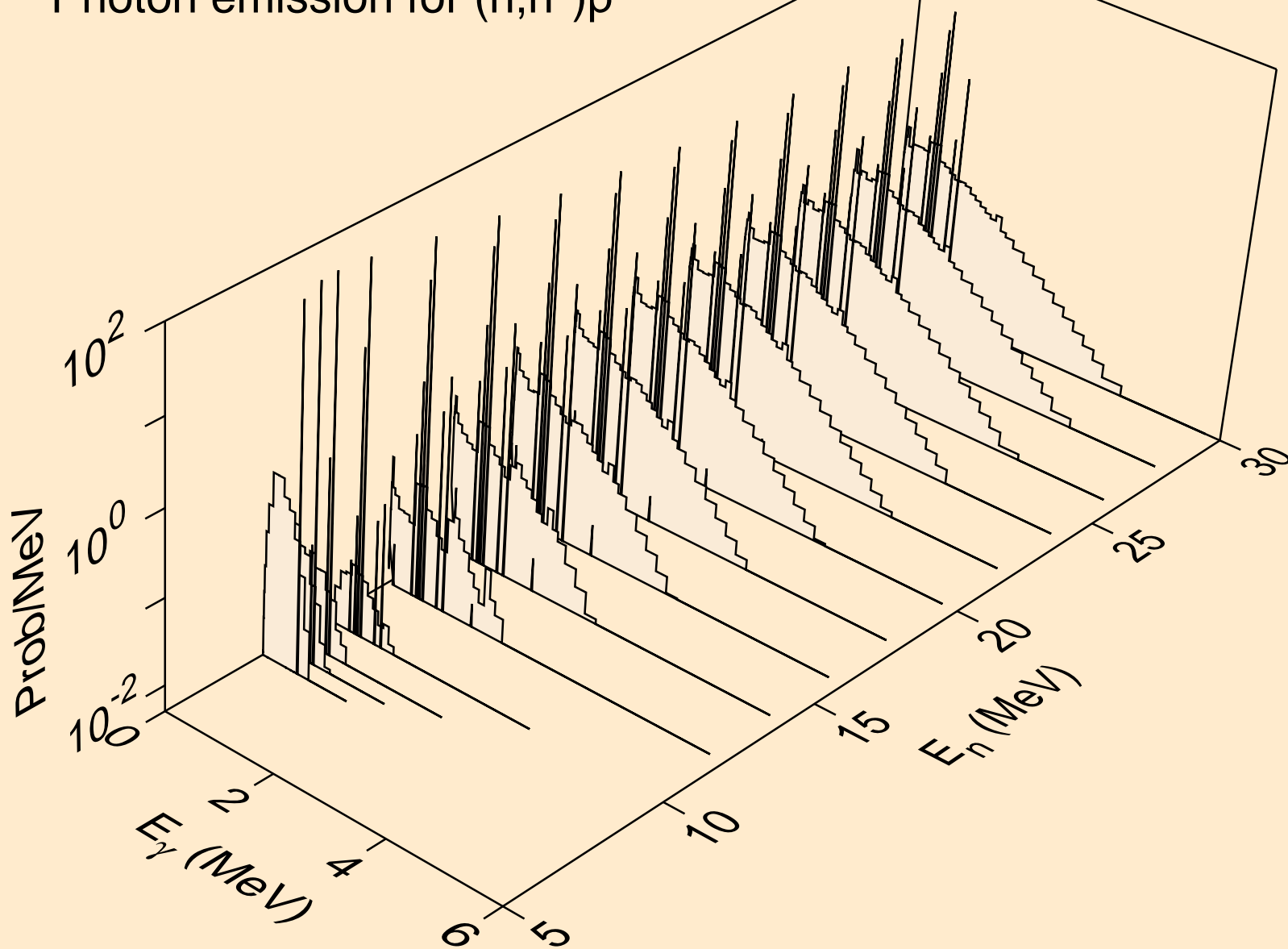
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



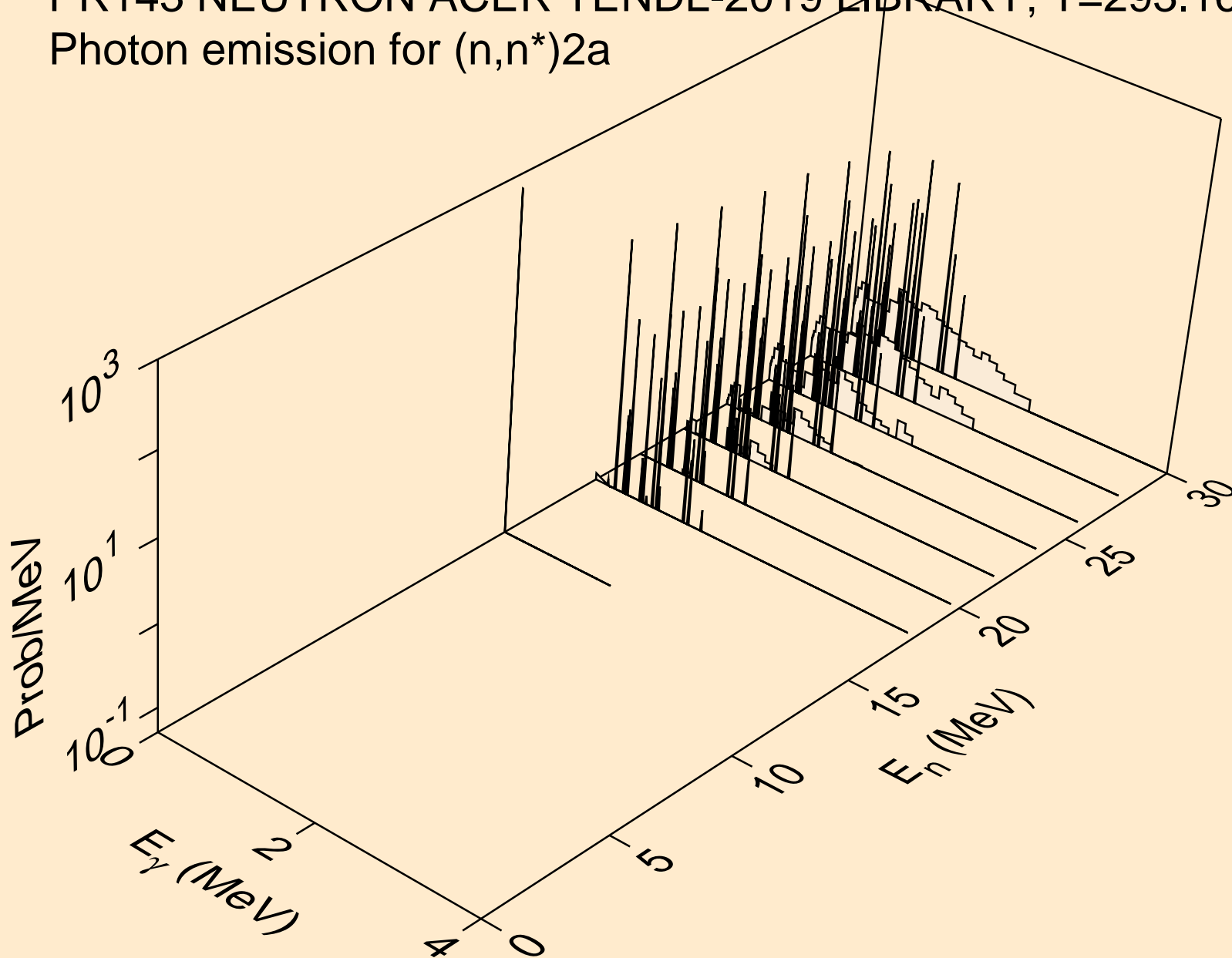
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



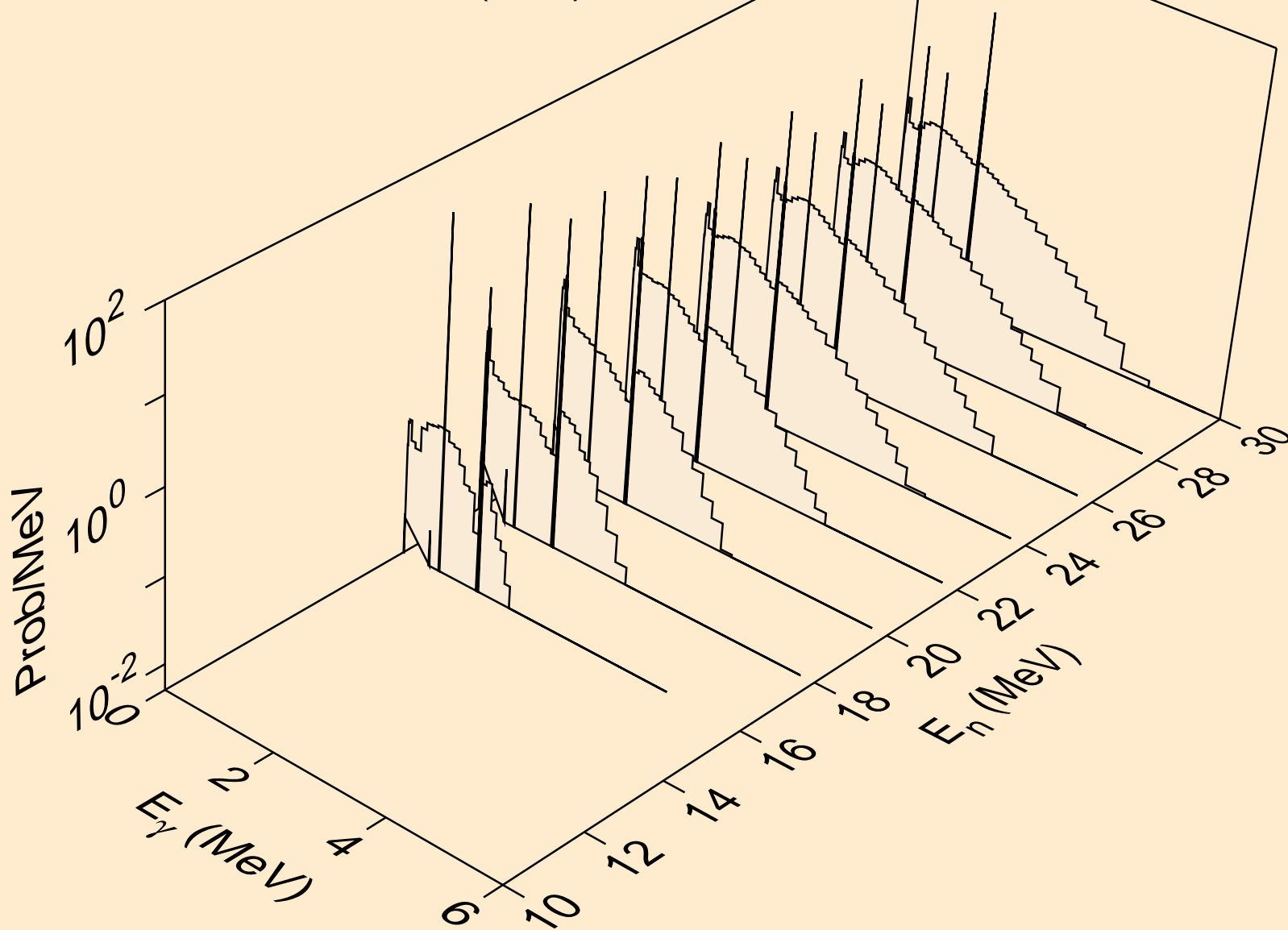
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



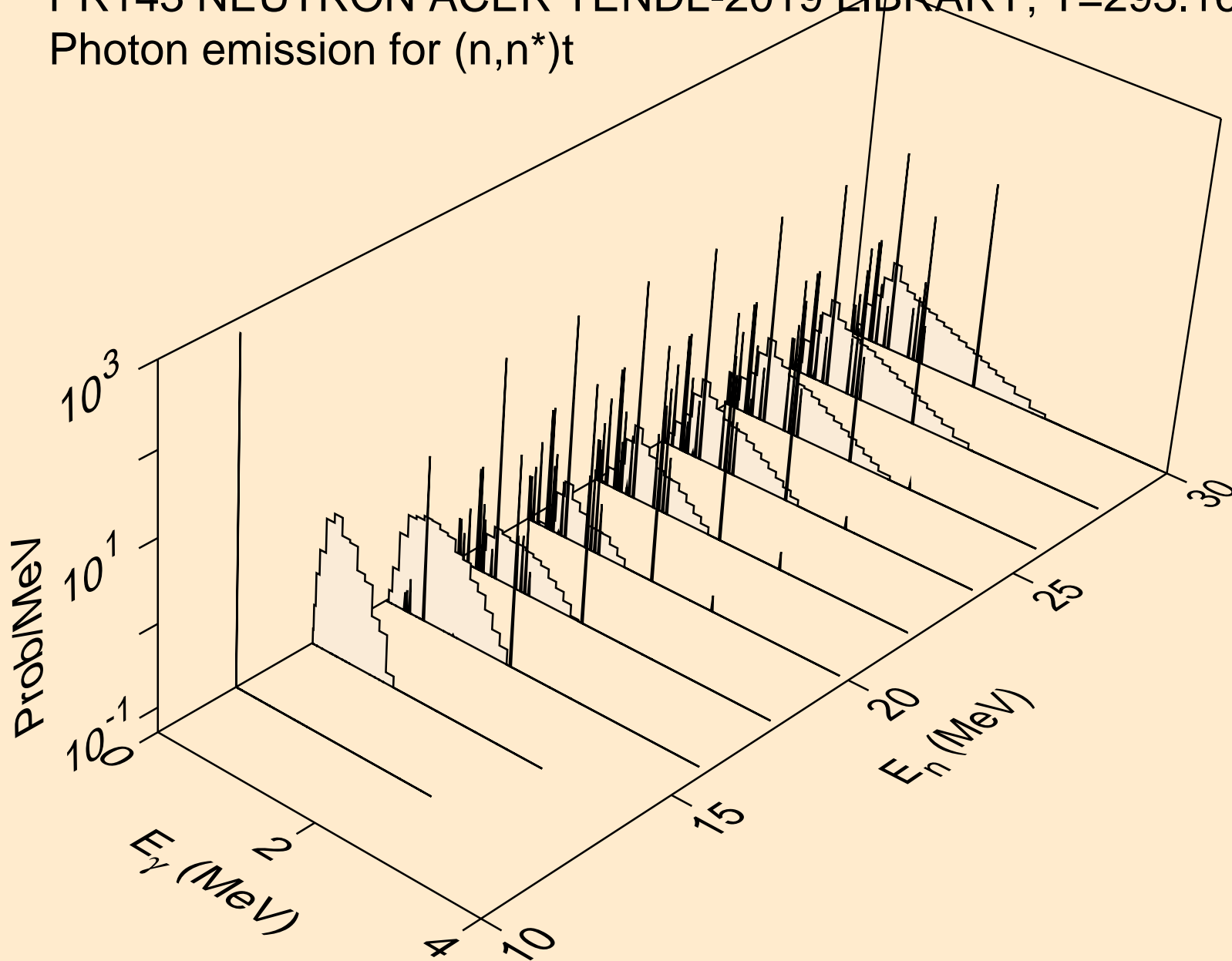
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



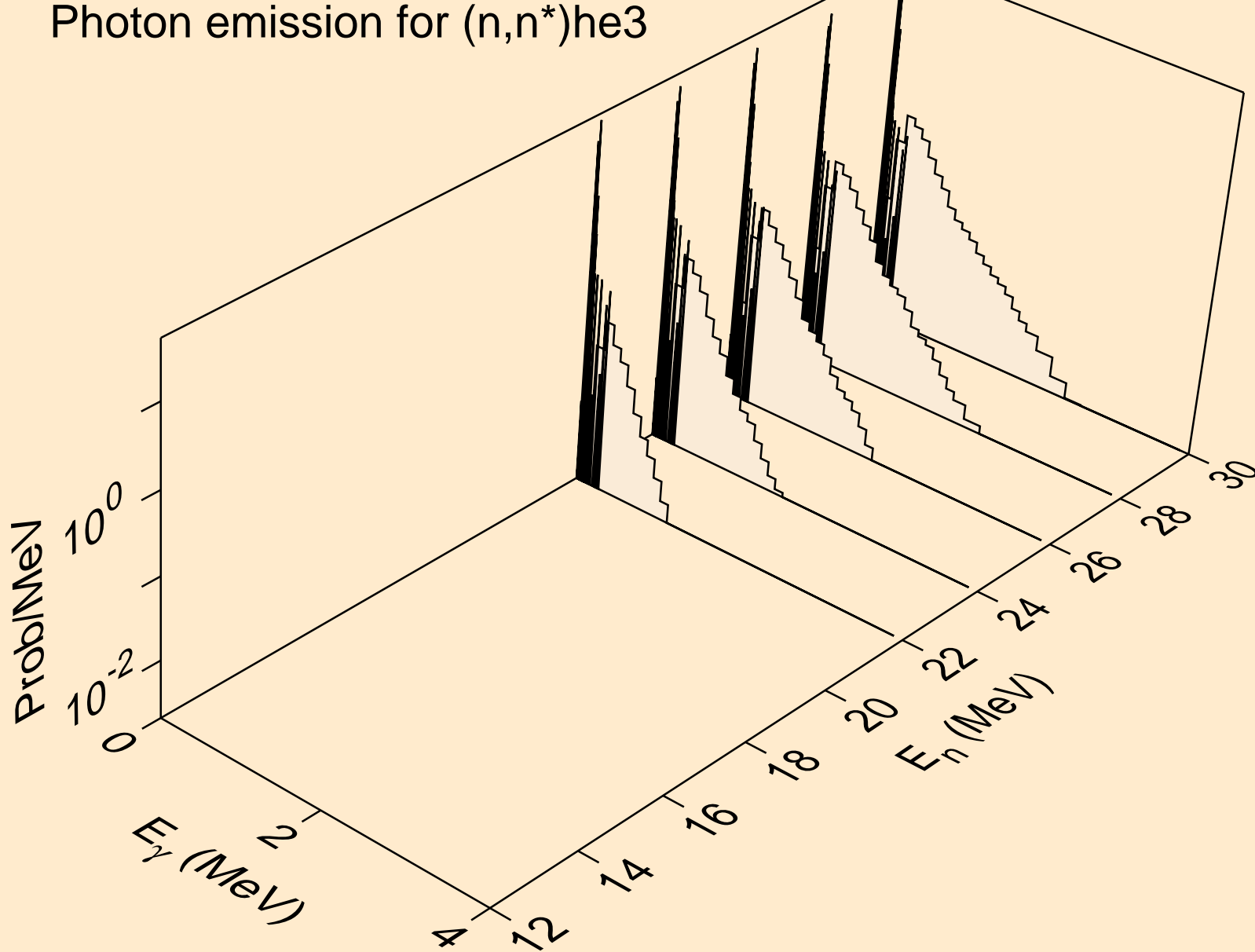
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



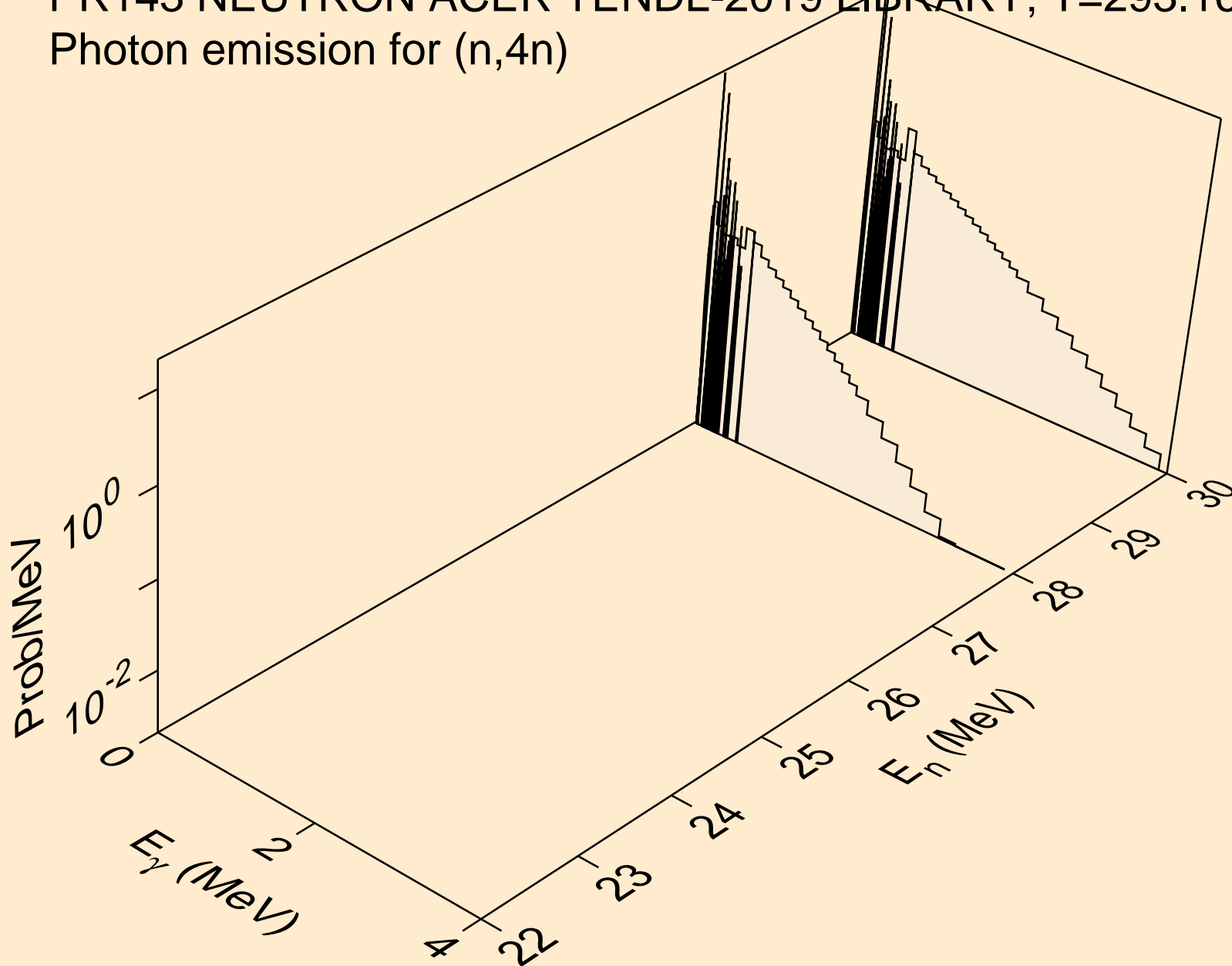
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

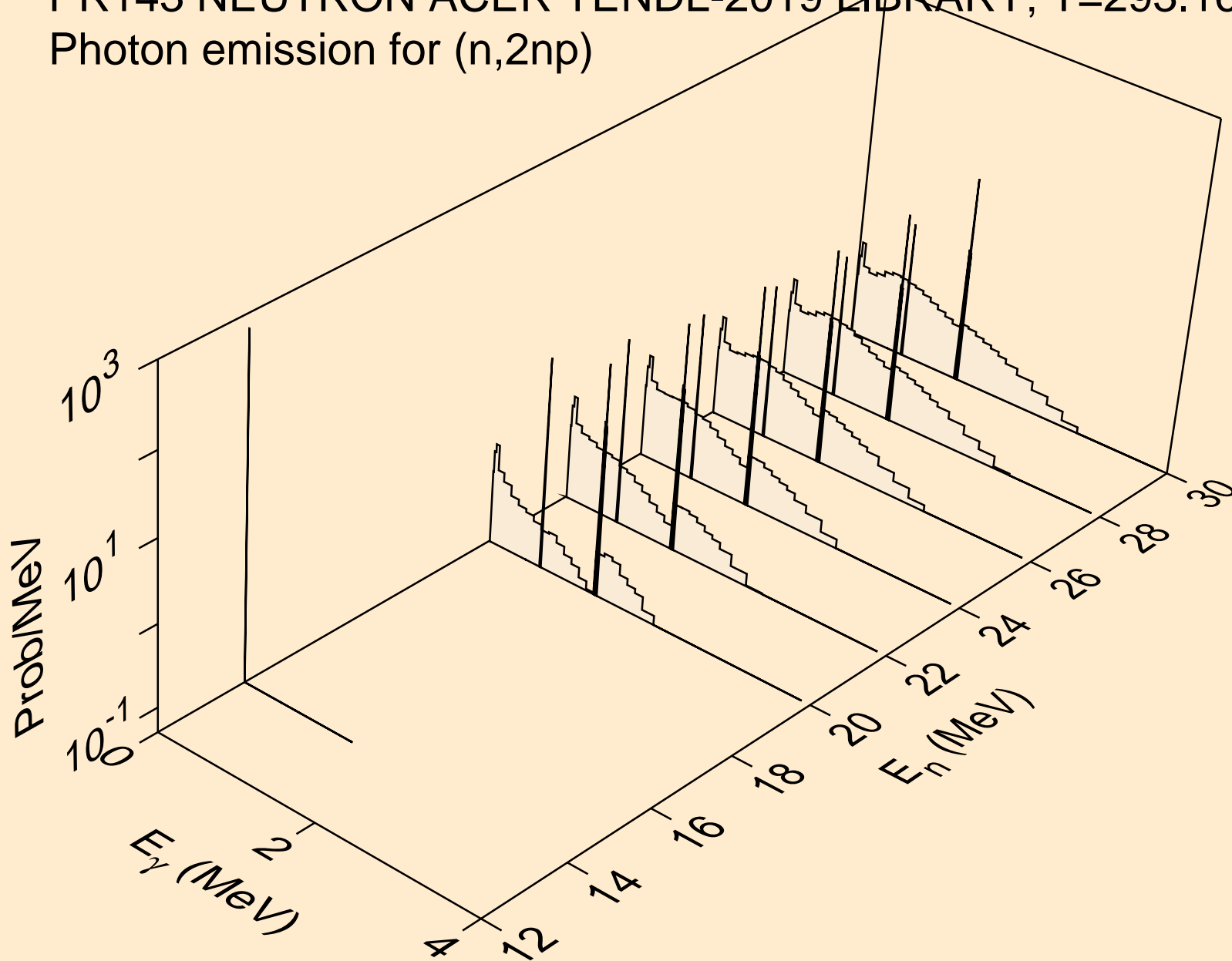


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)

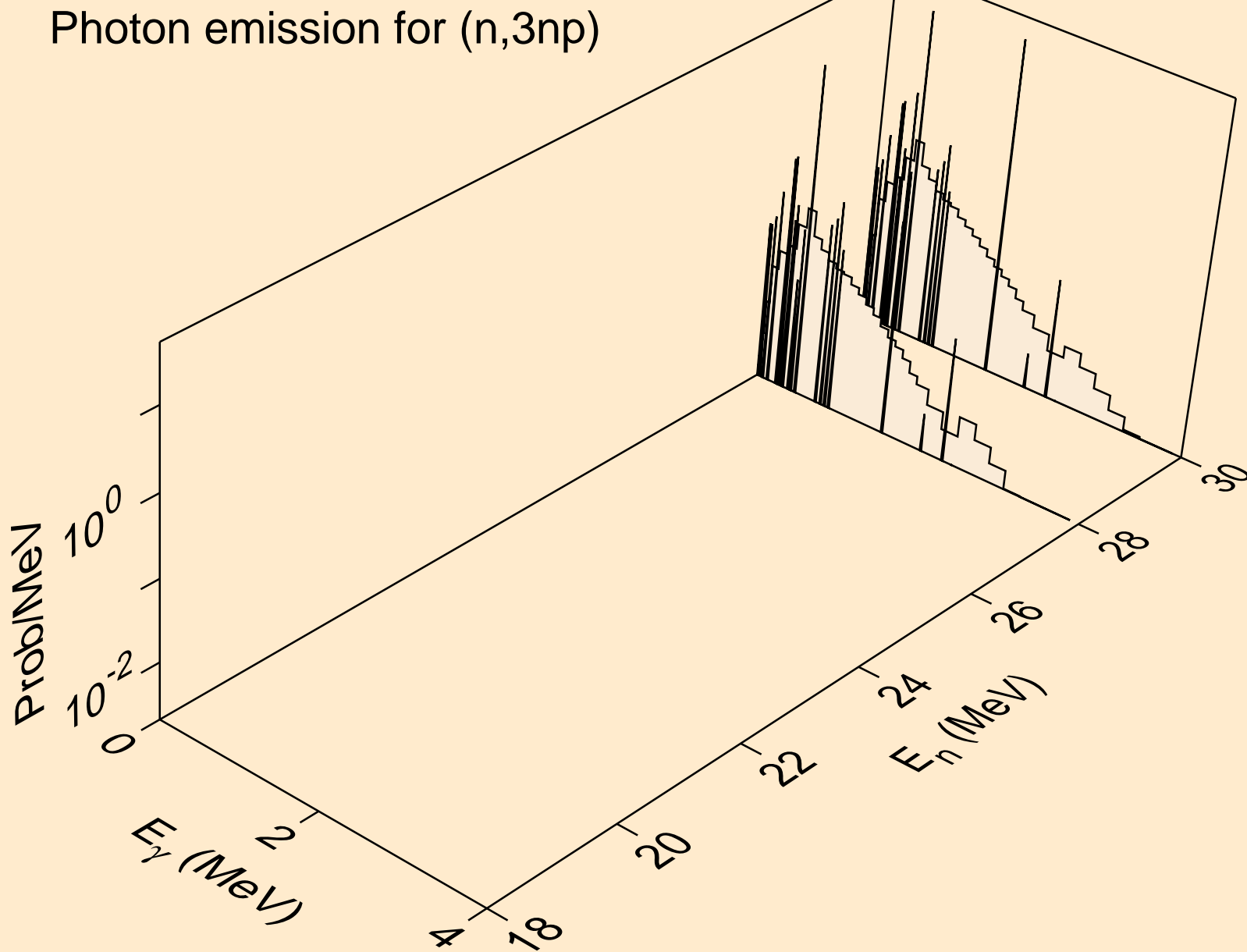




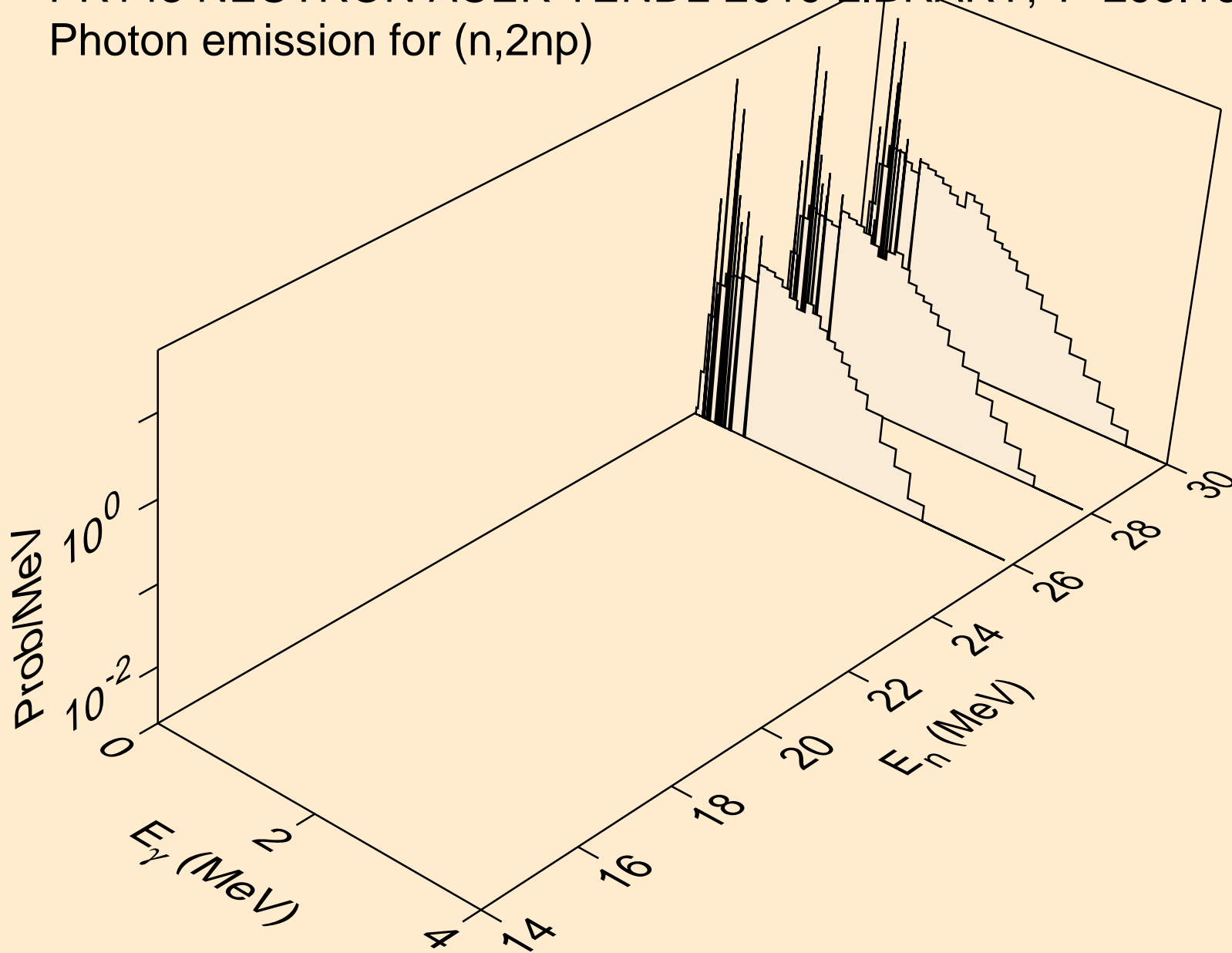
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



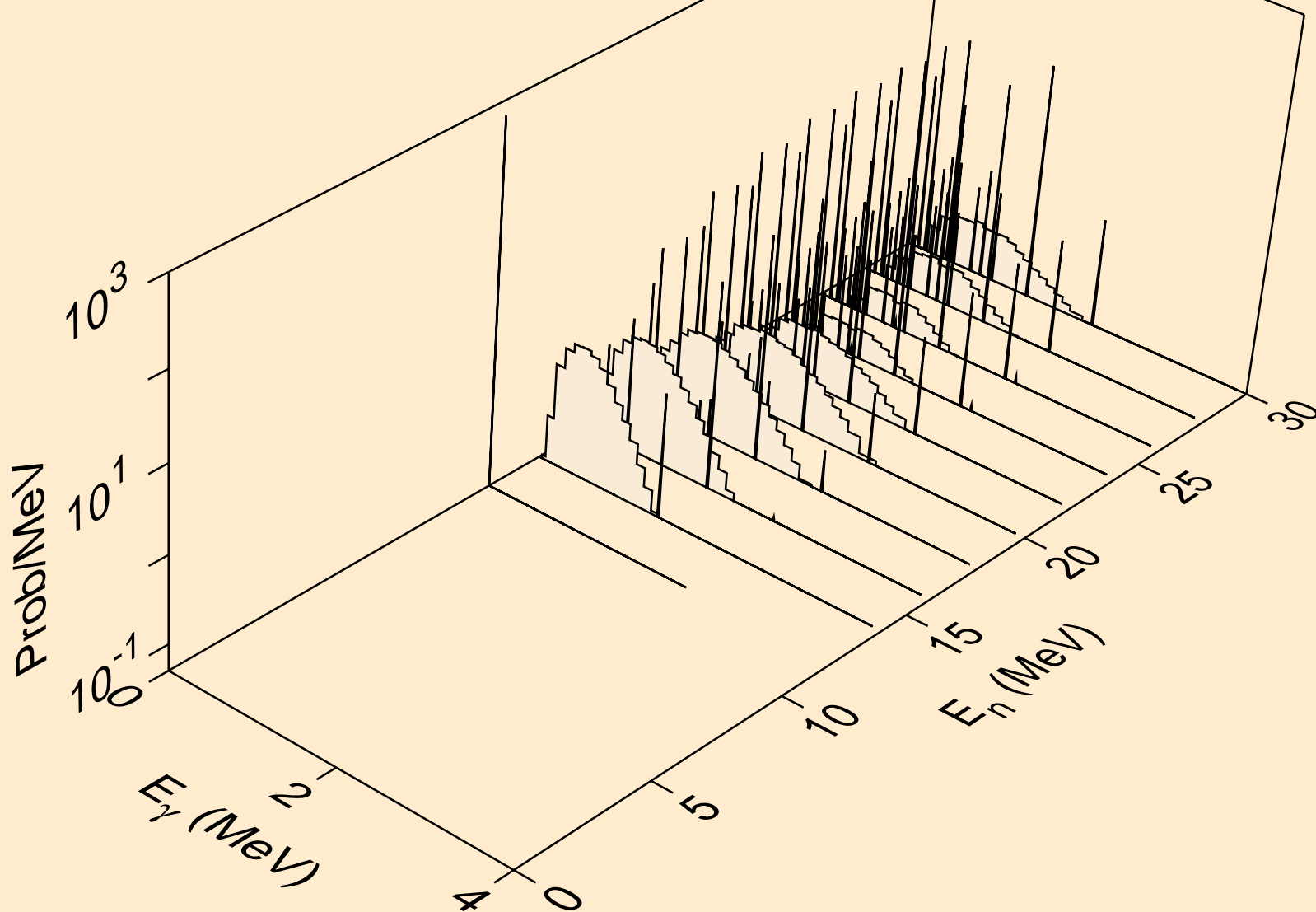
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



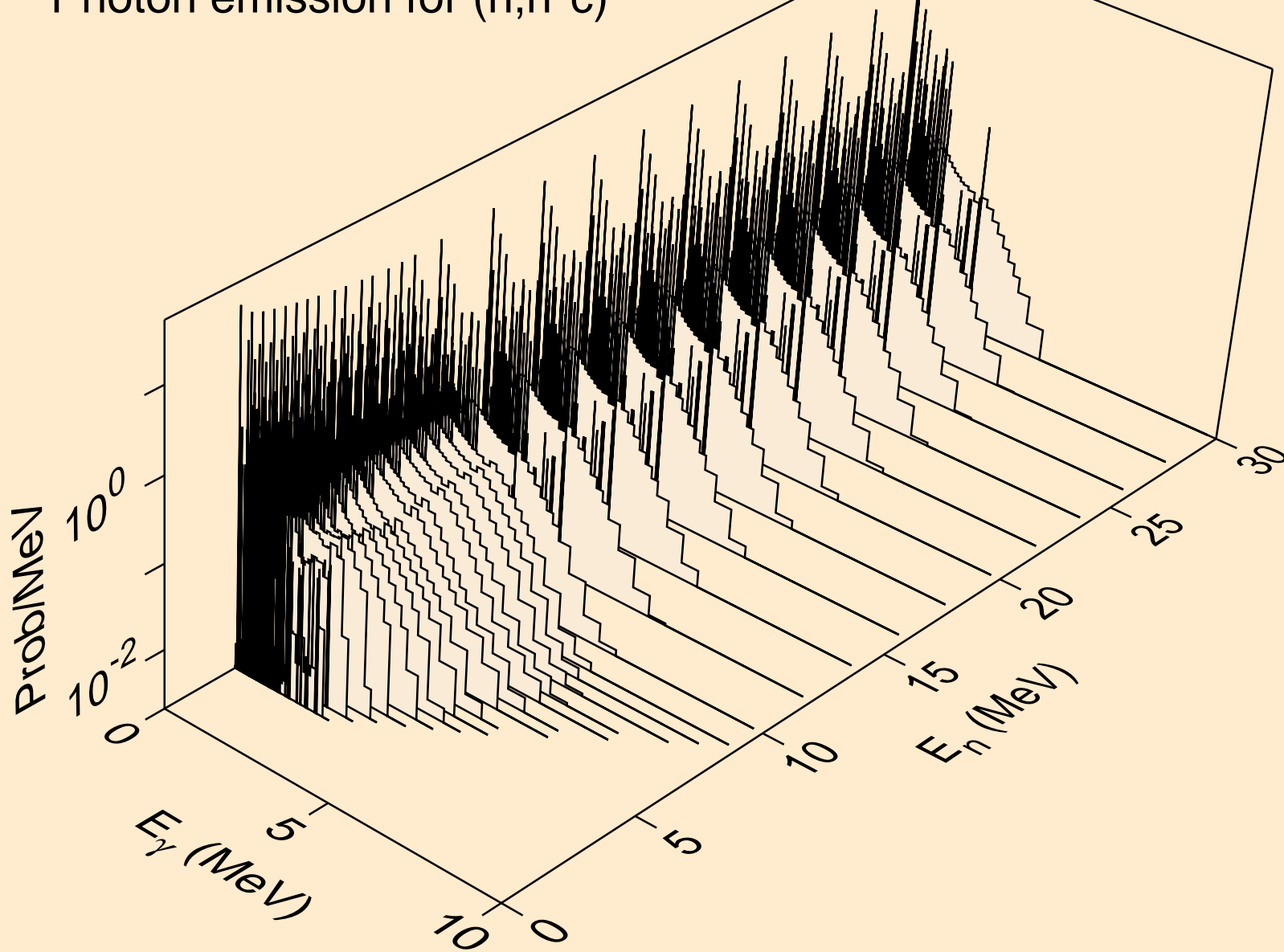
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



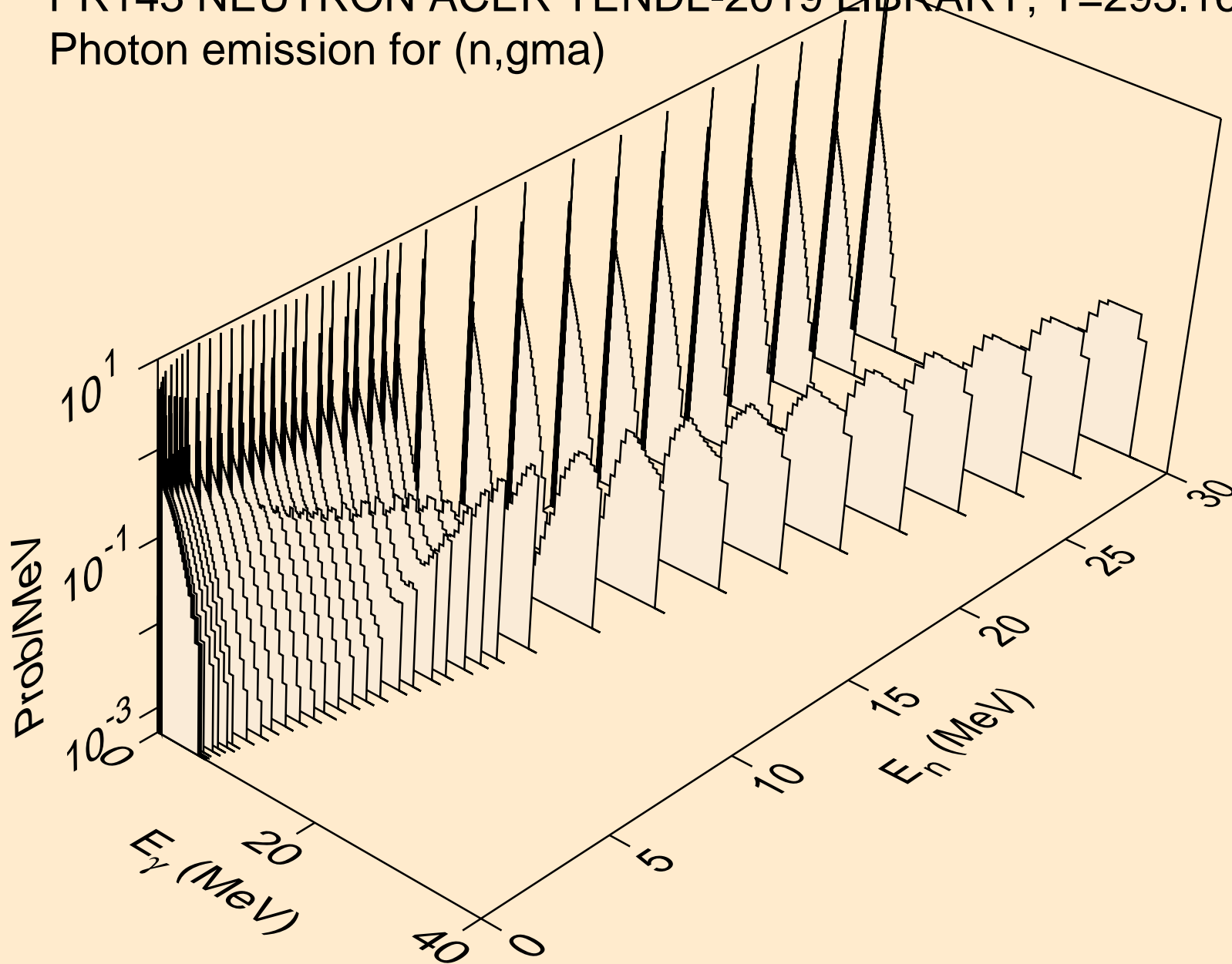
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



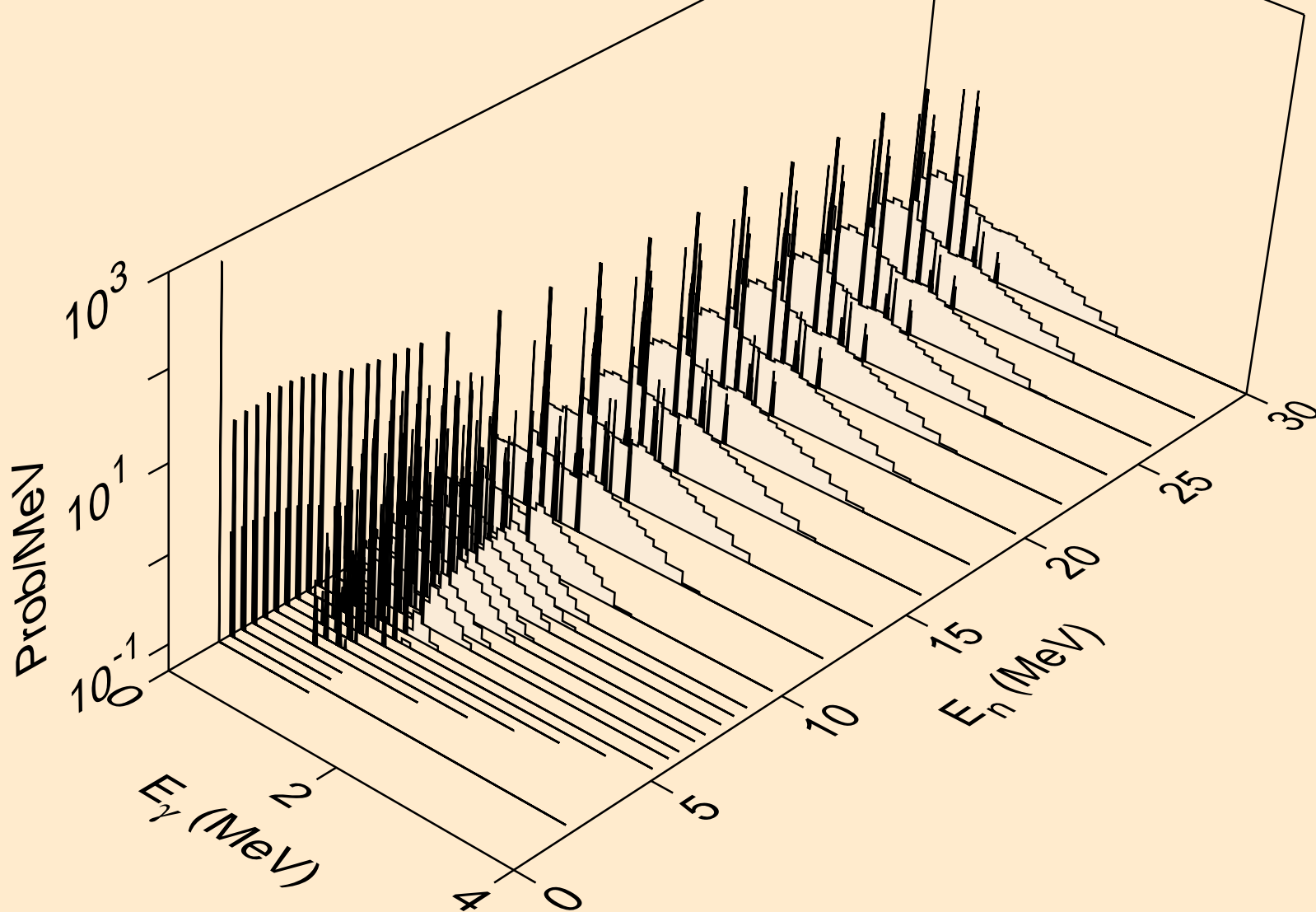
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



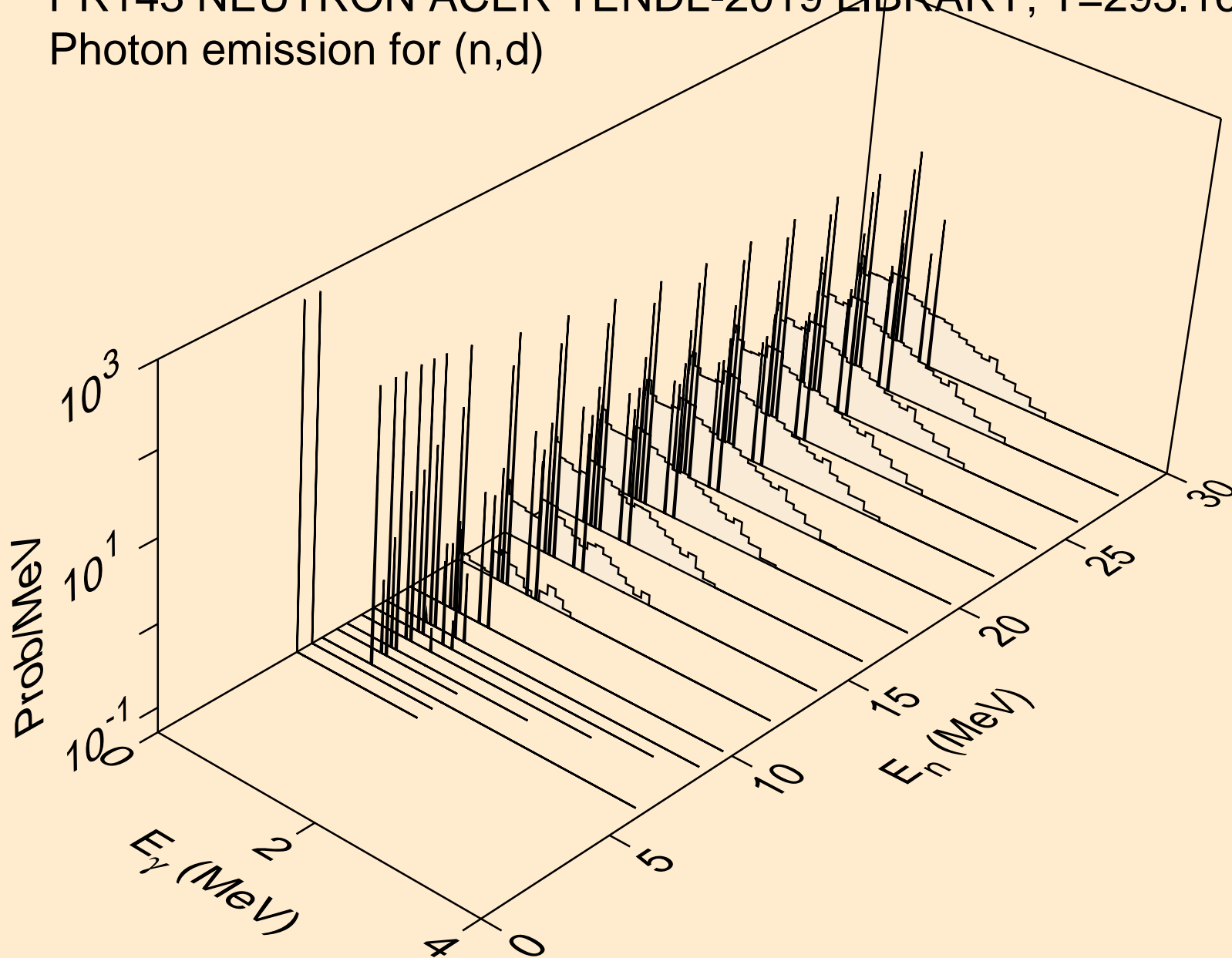
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

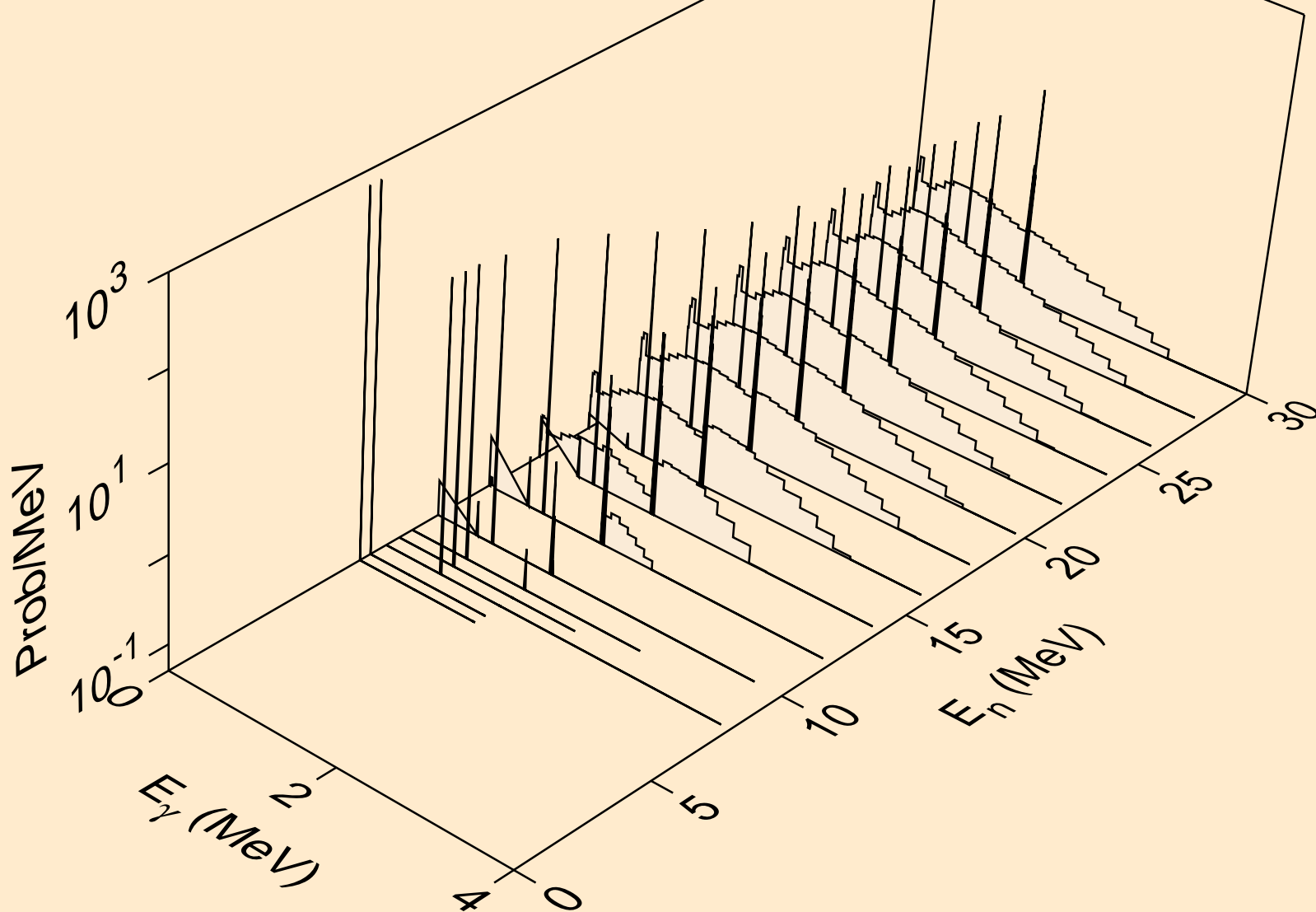


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

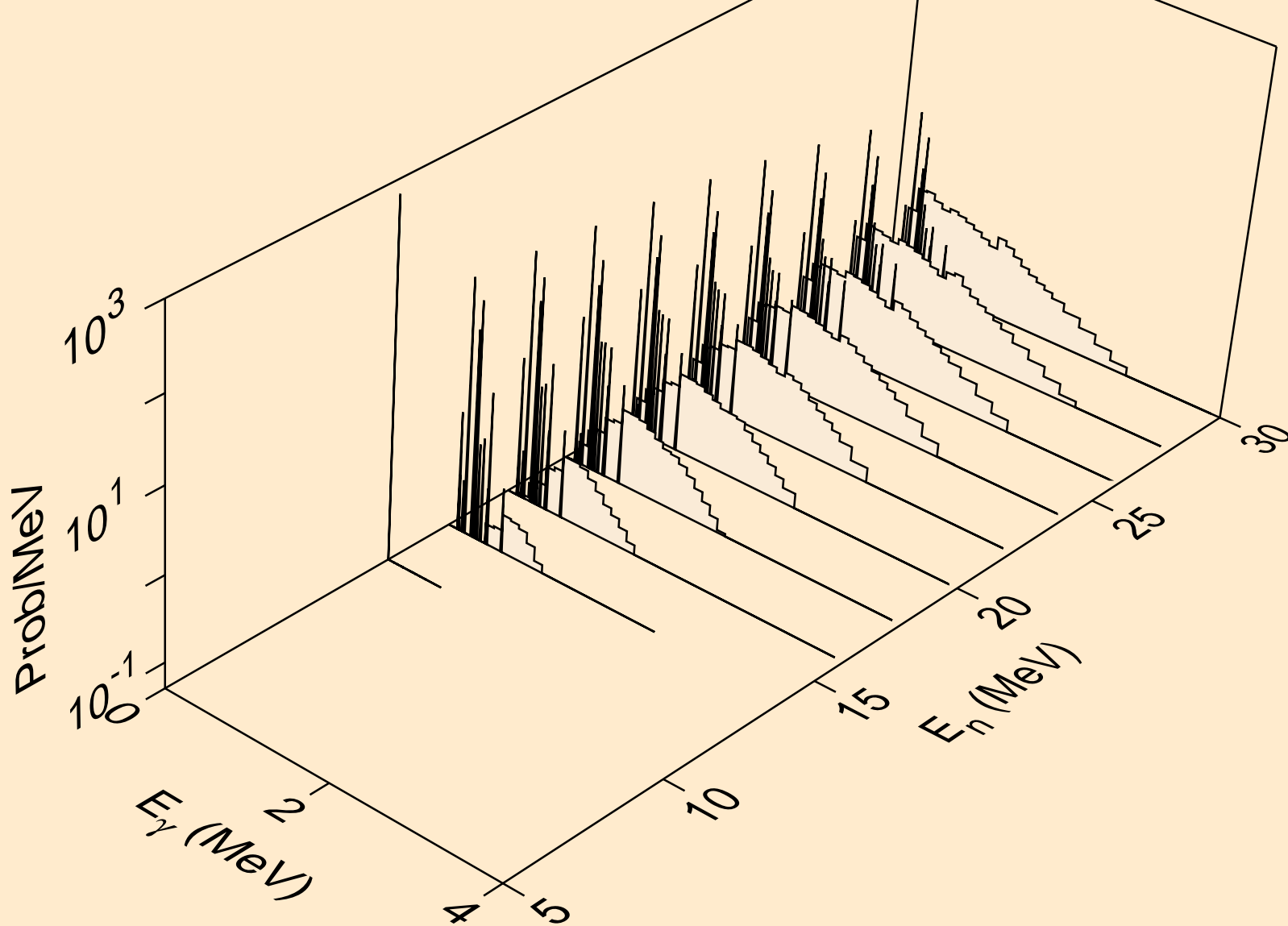




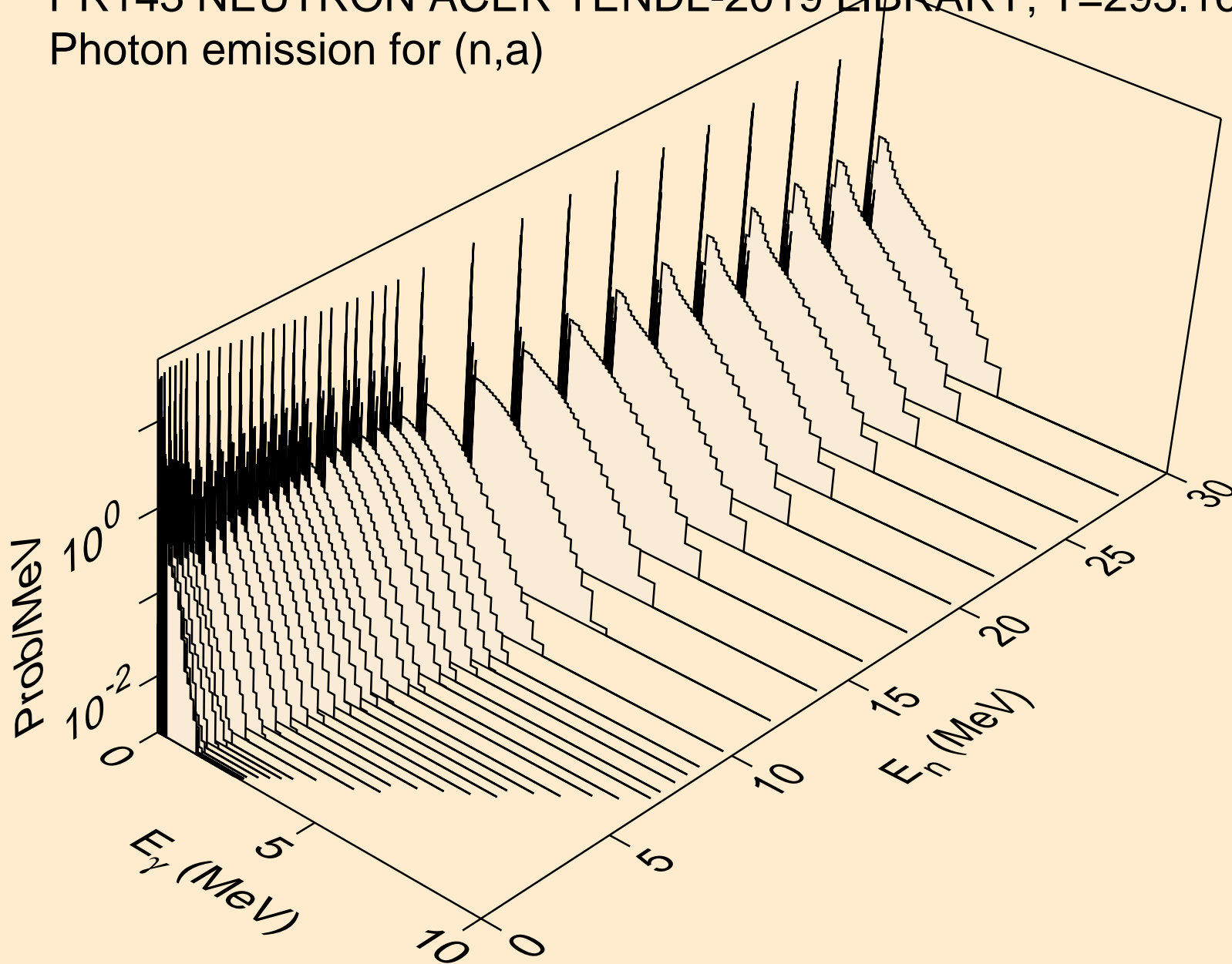
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



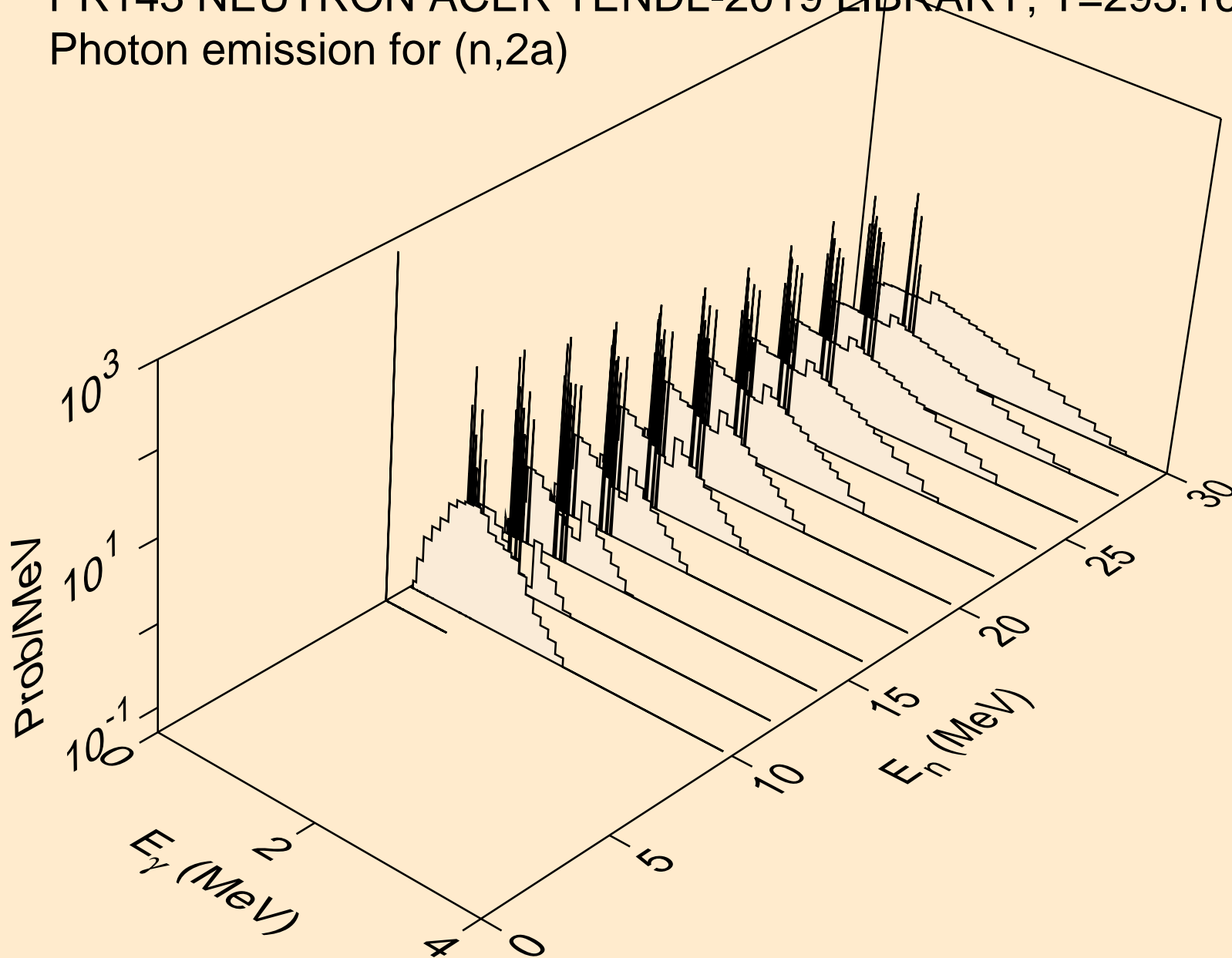
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



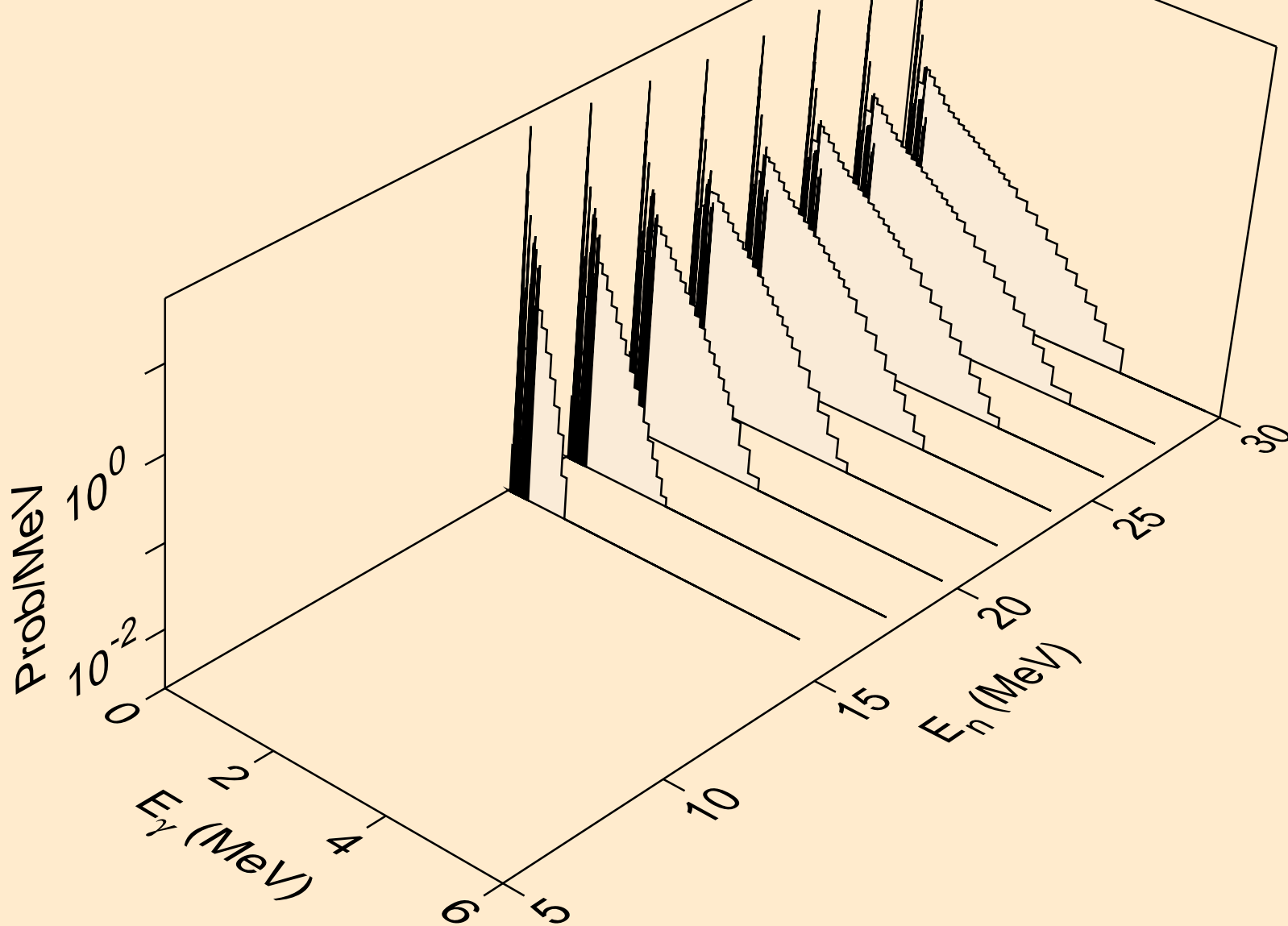
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



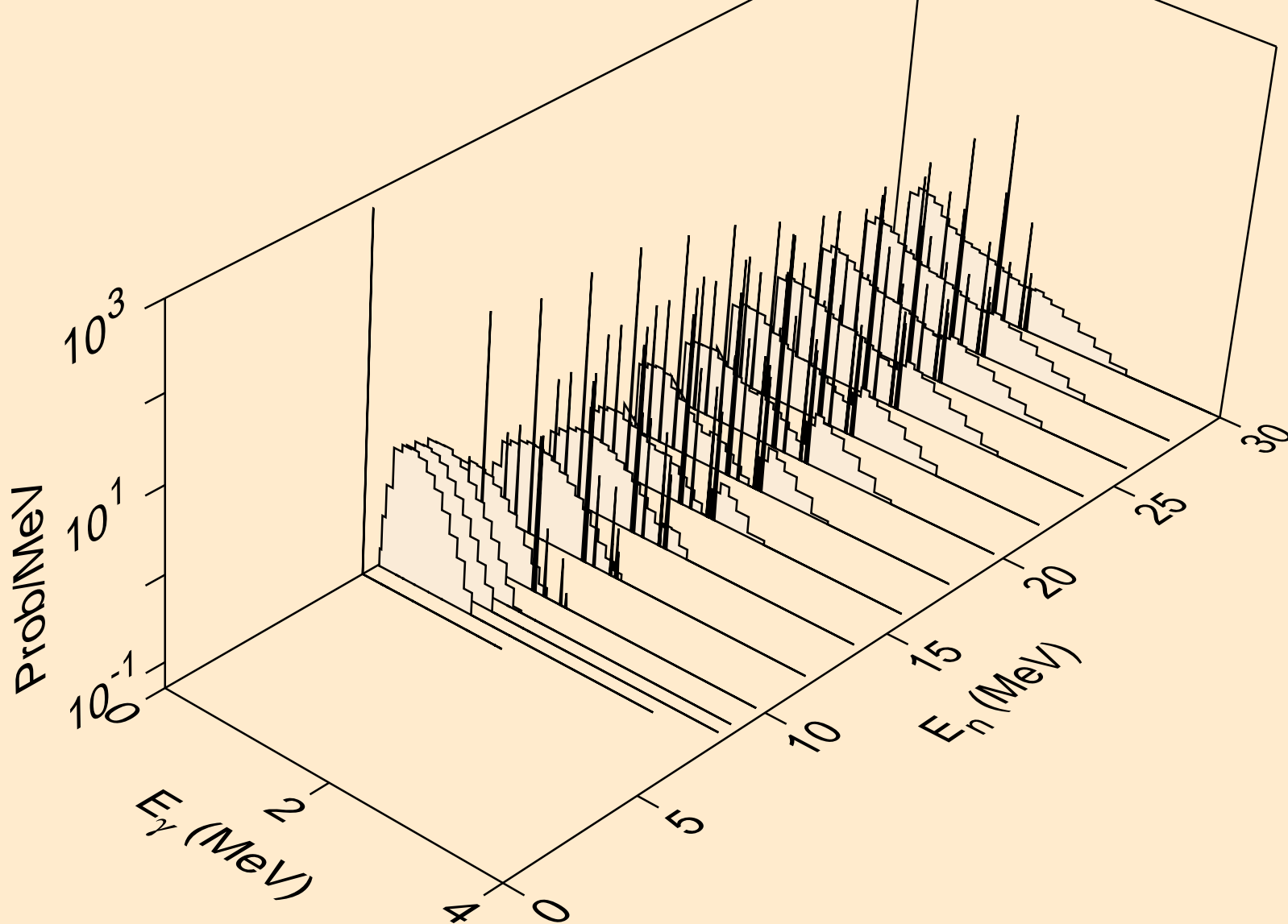
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Photon emission for (n,2a)



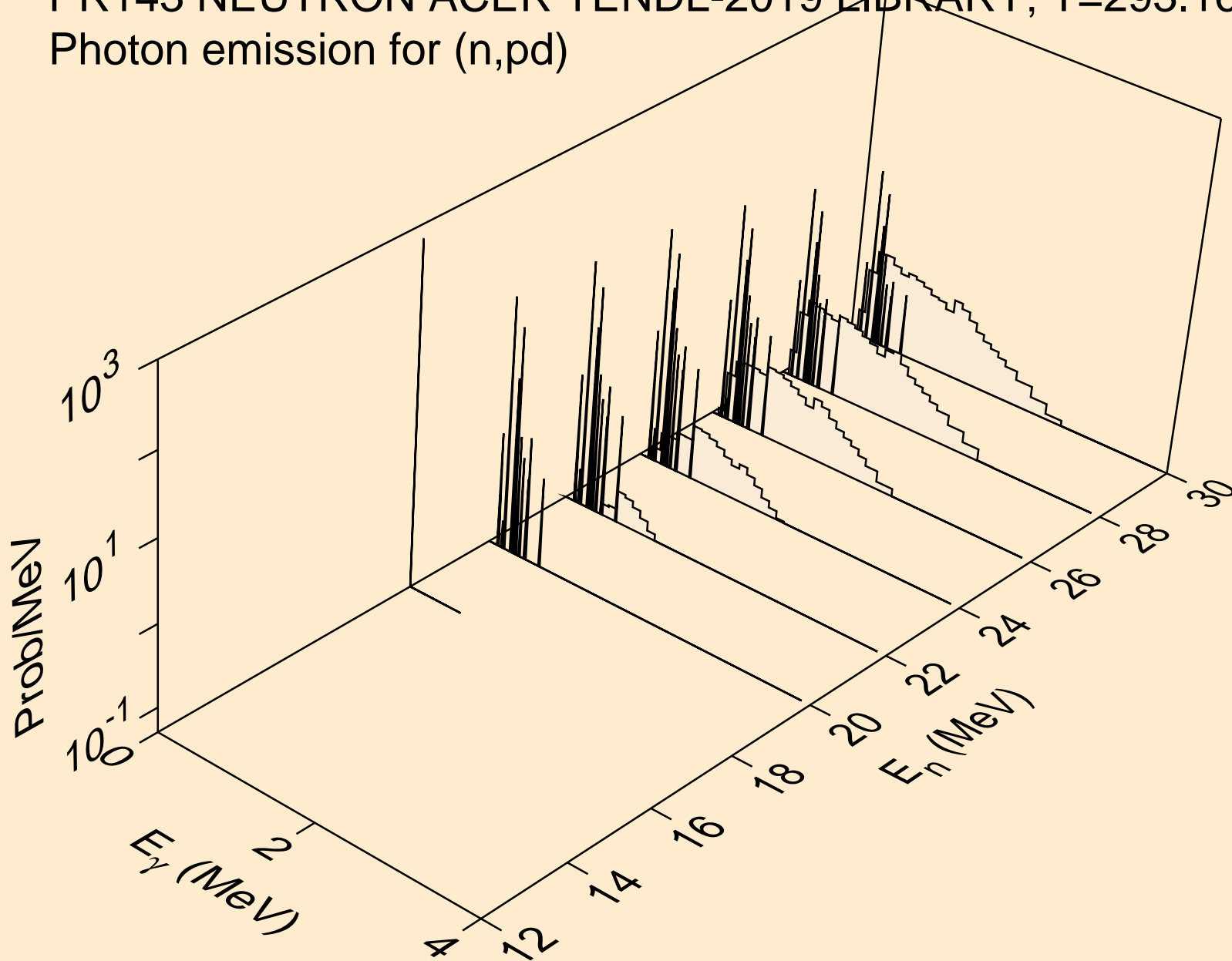
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Photon emission for (n,2p)



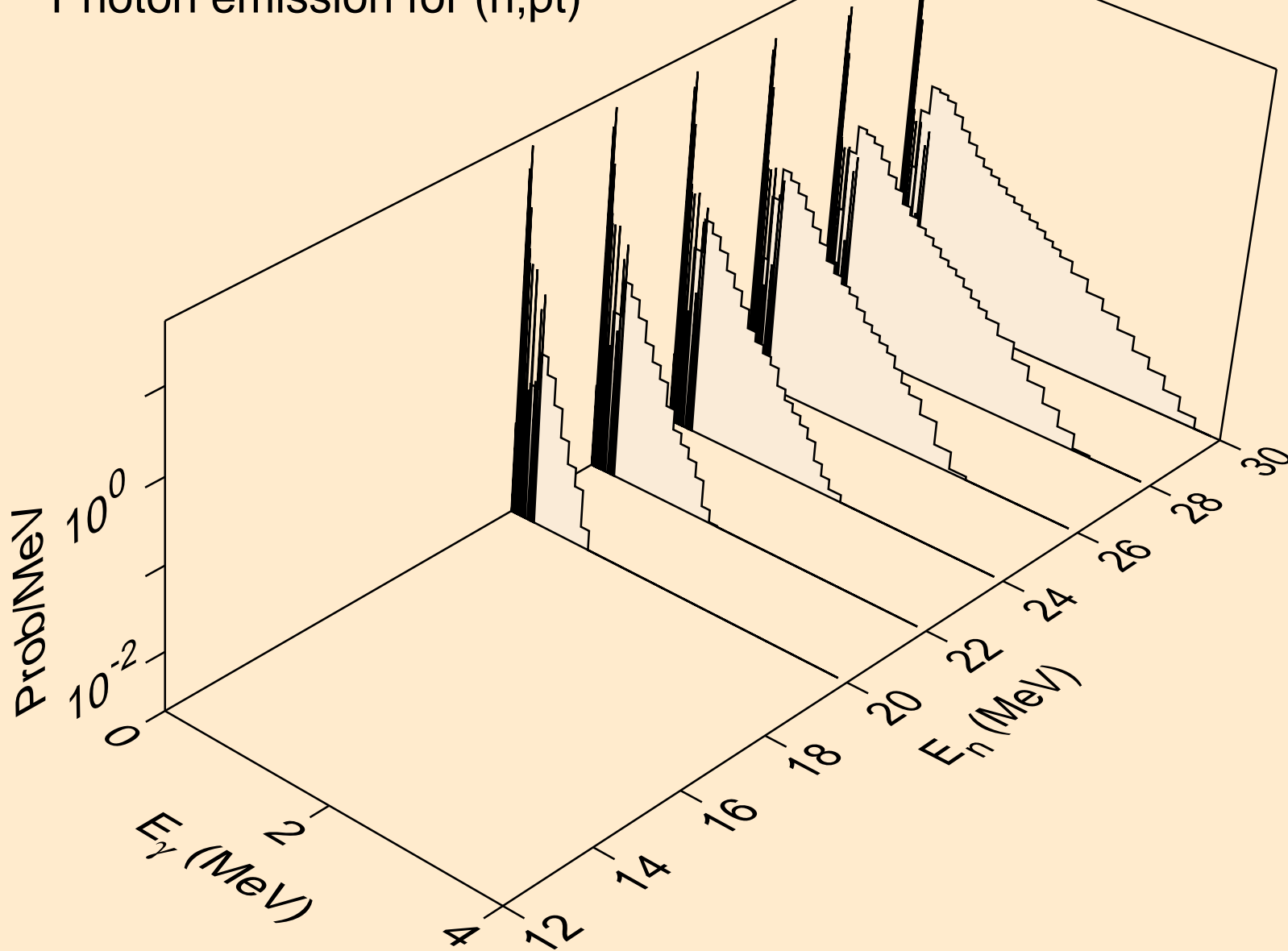
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)

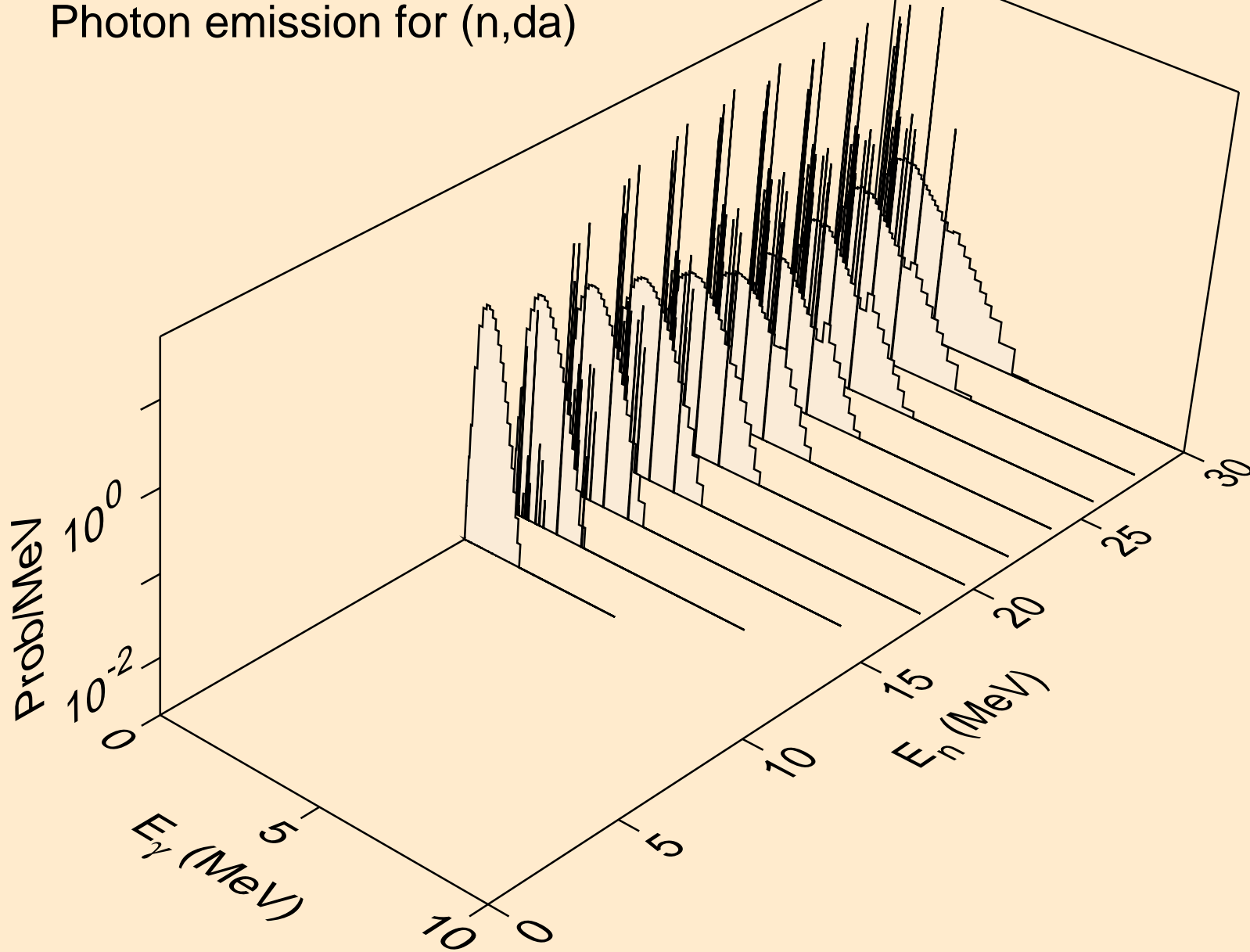


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)

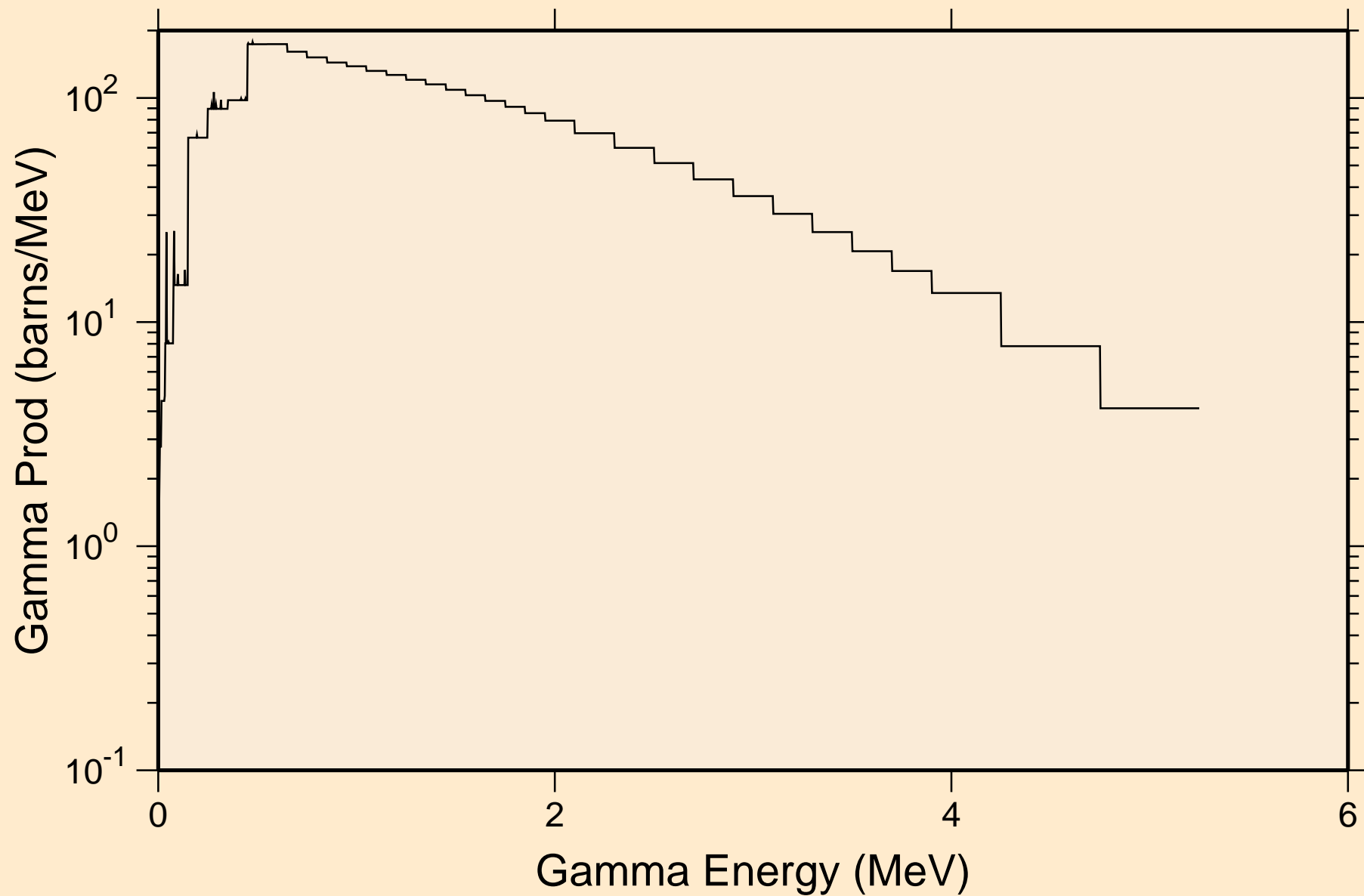




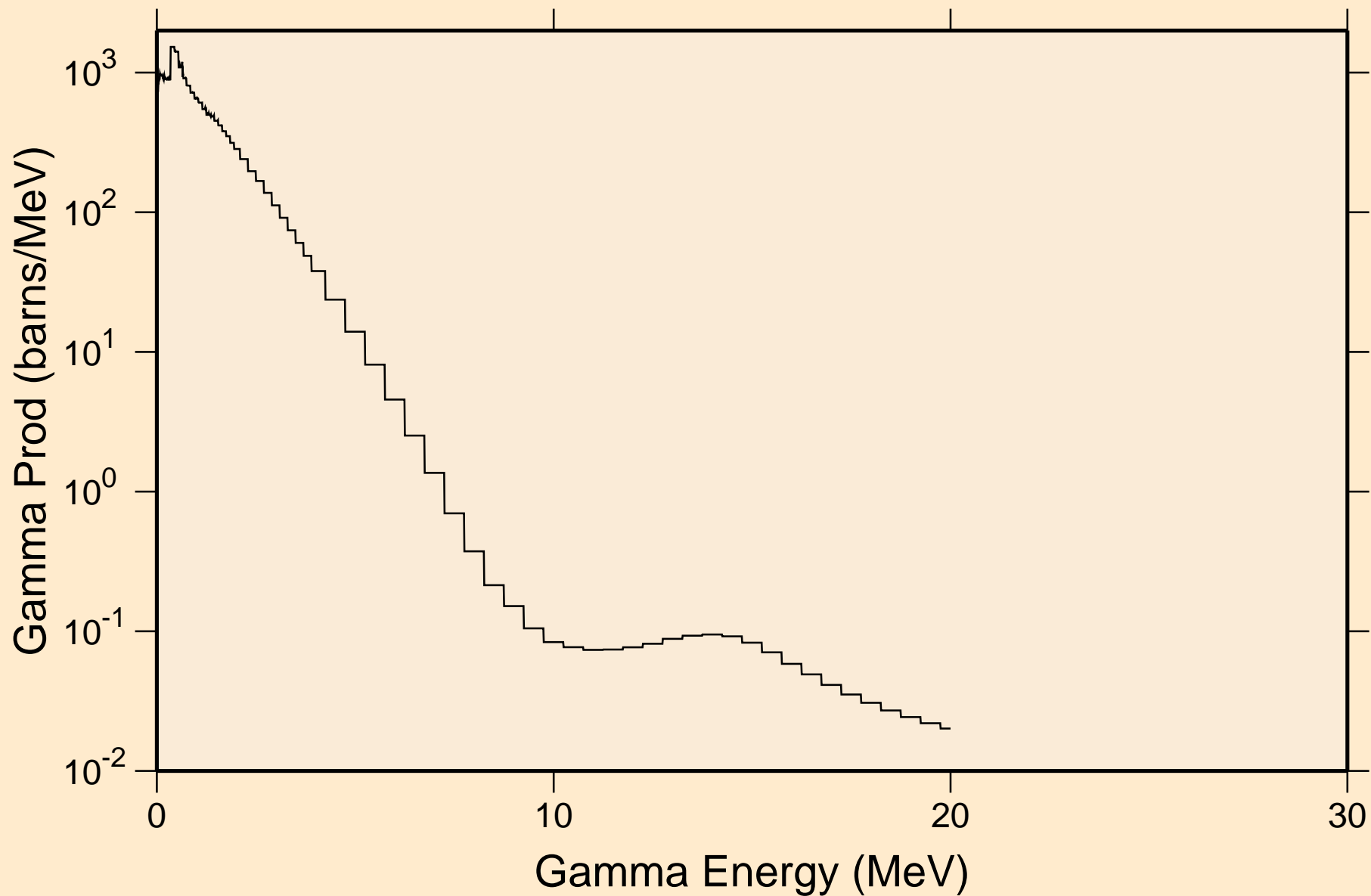
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



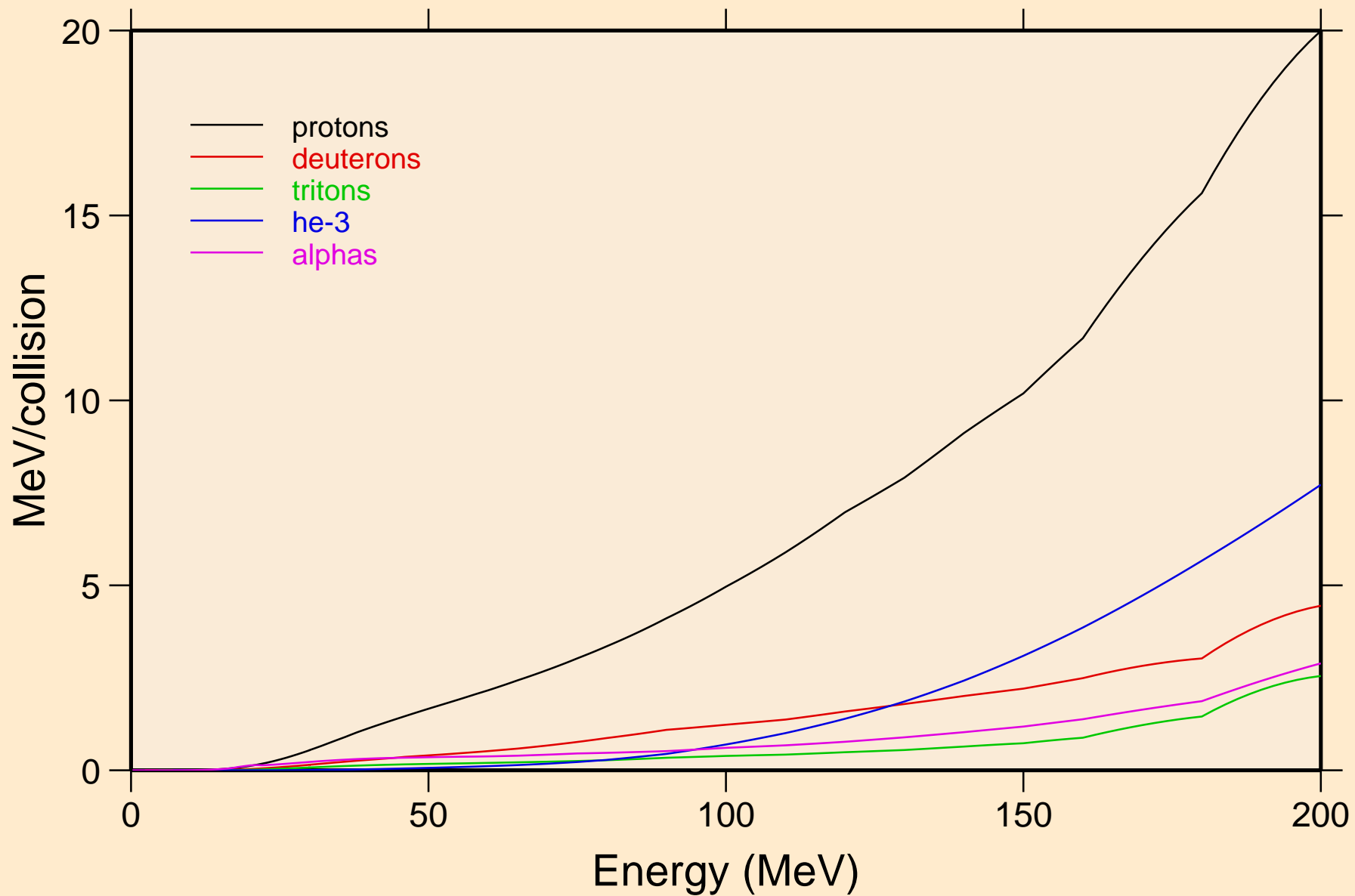
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



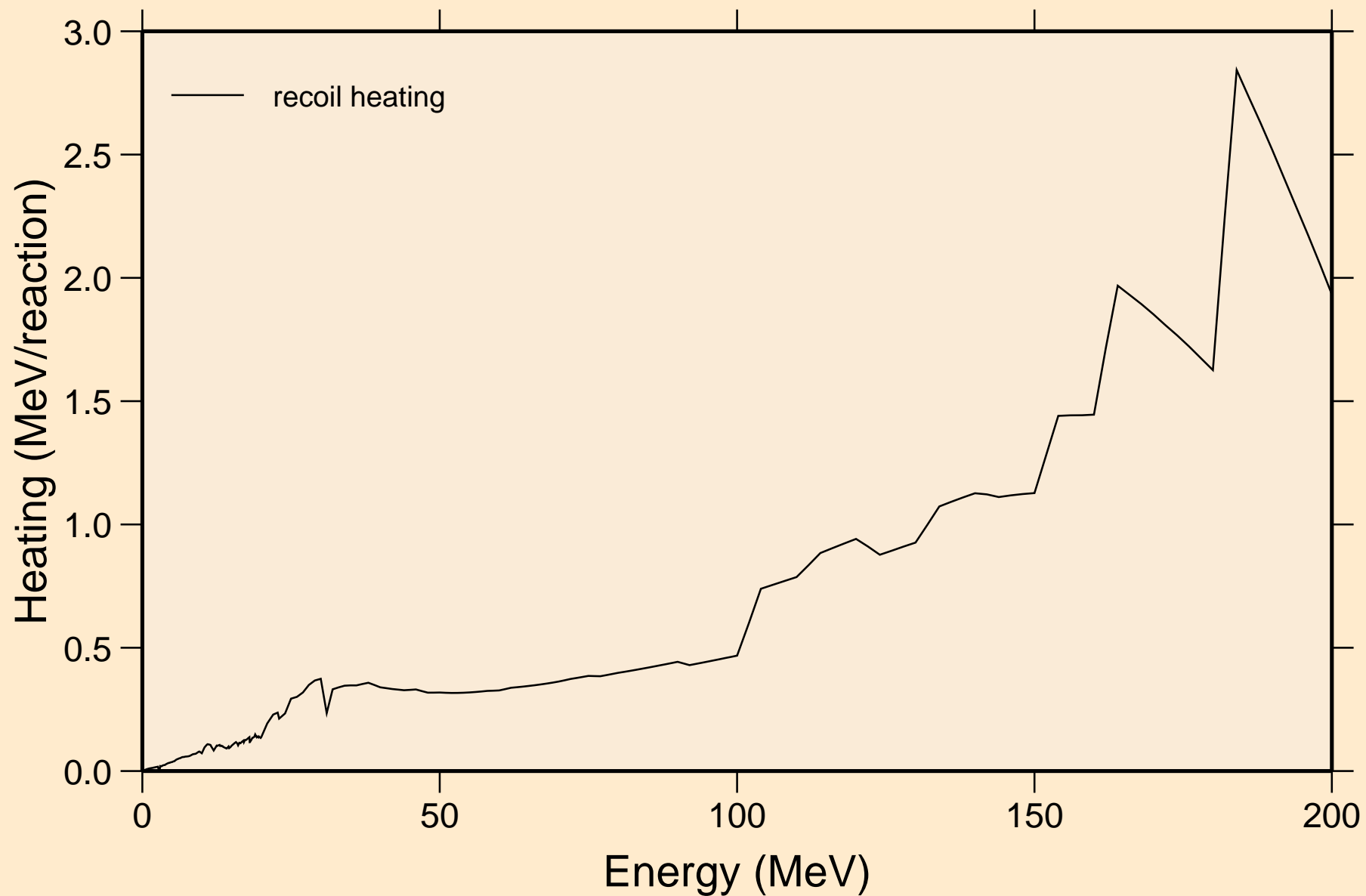
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14 MeV photon spectrum



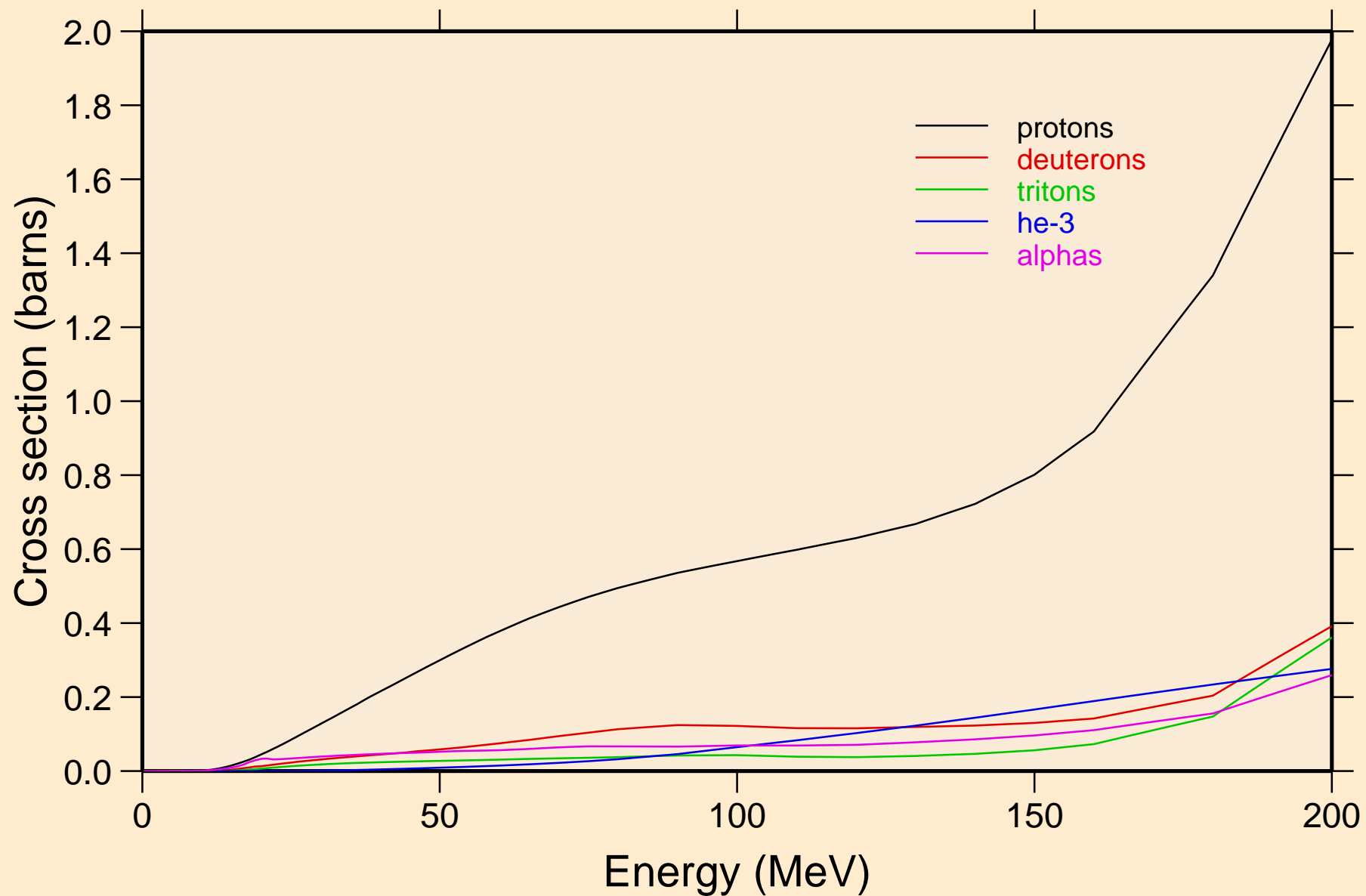
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



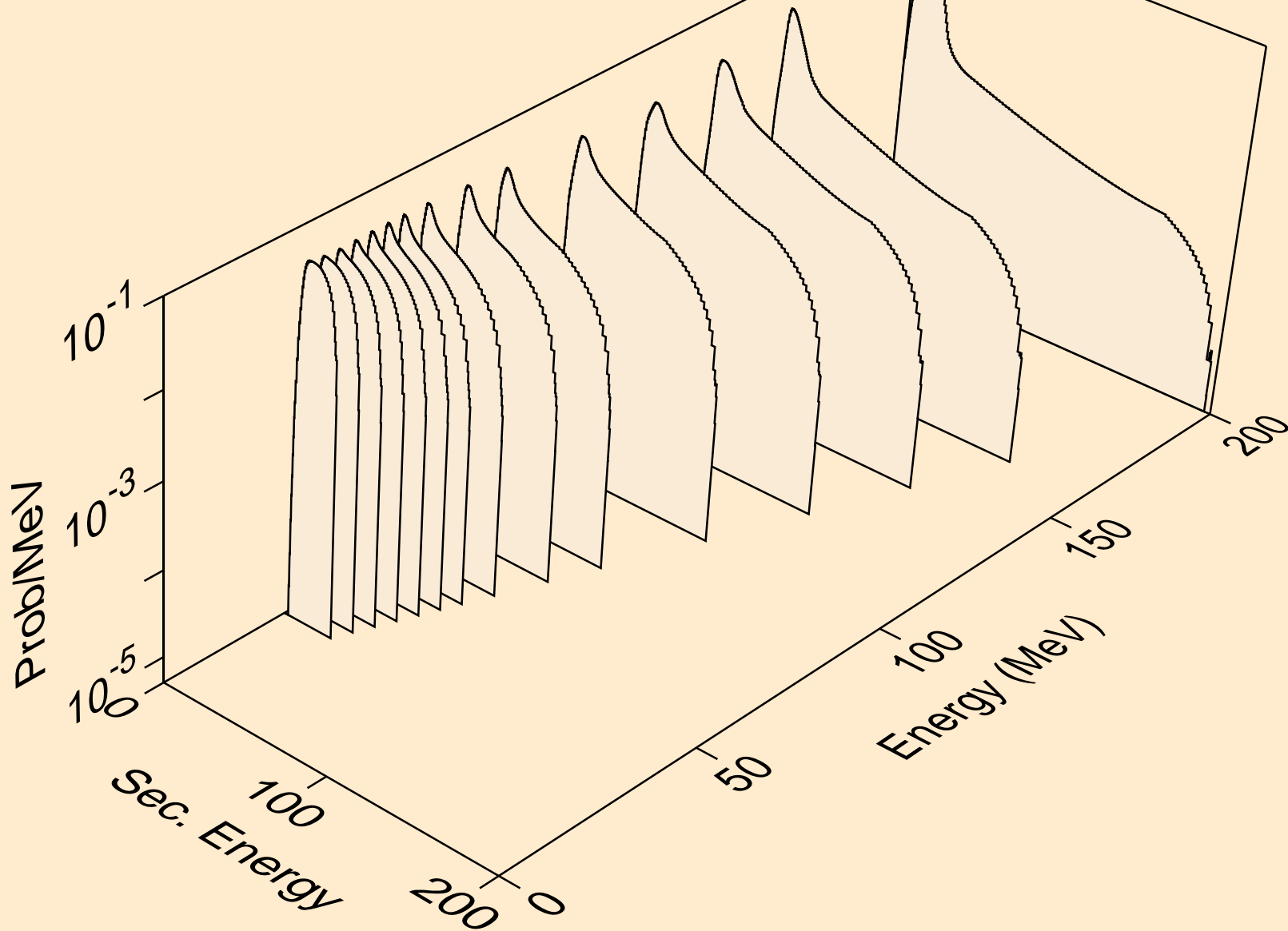
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



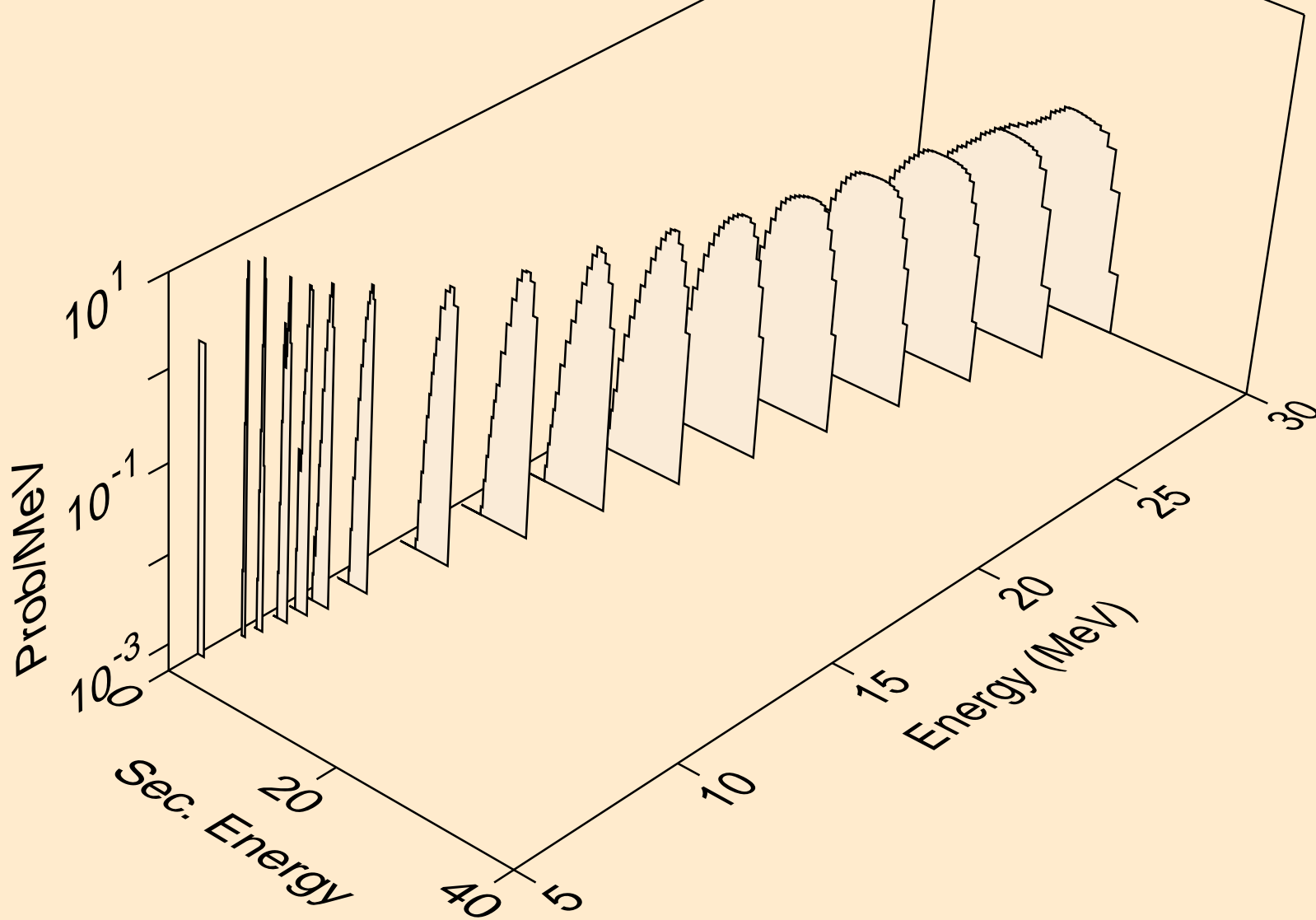
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

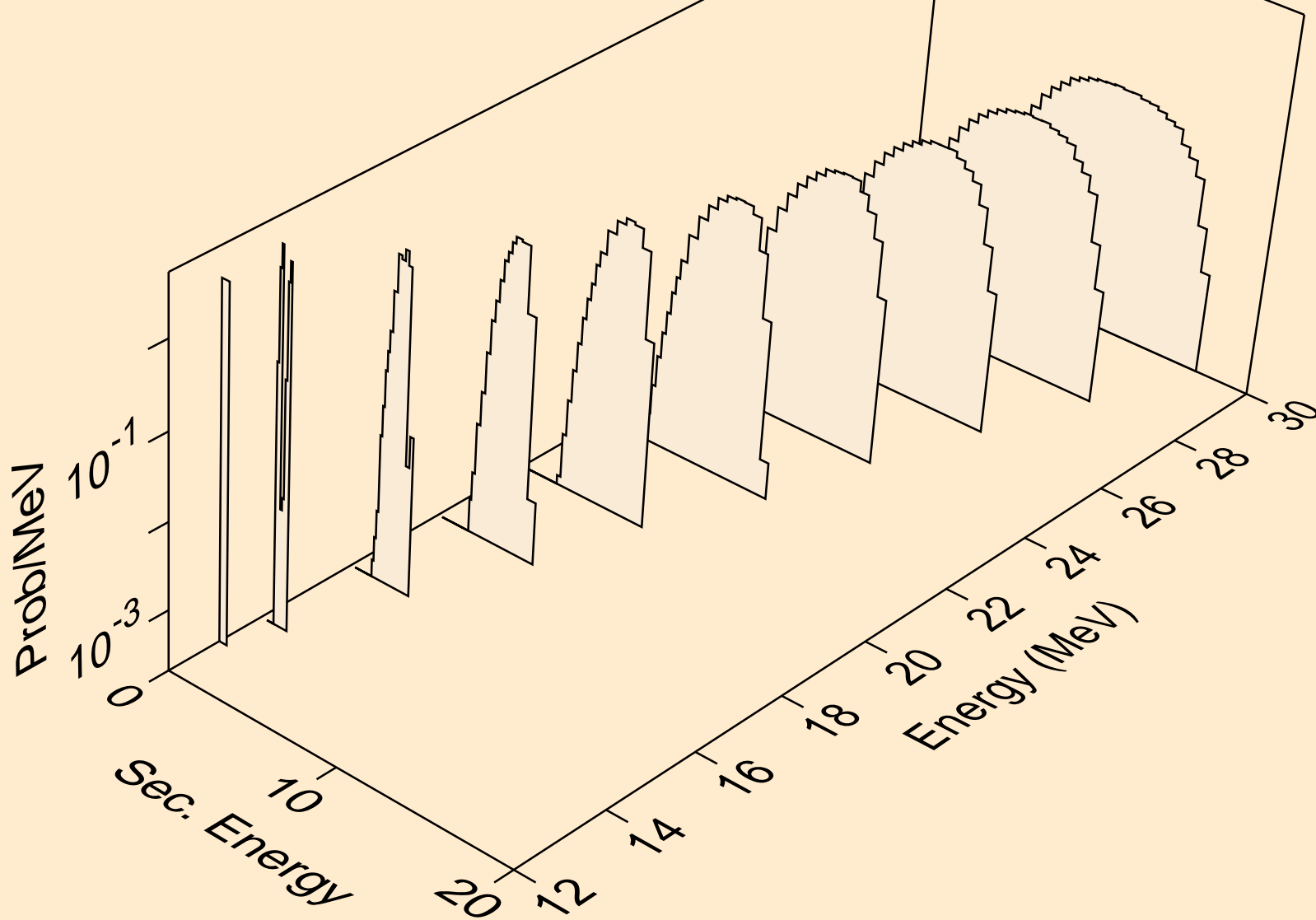


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

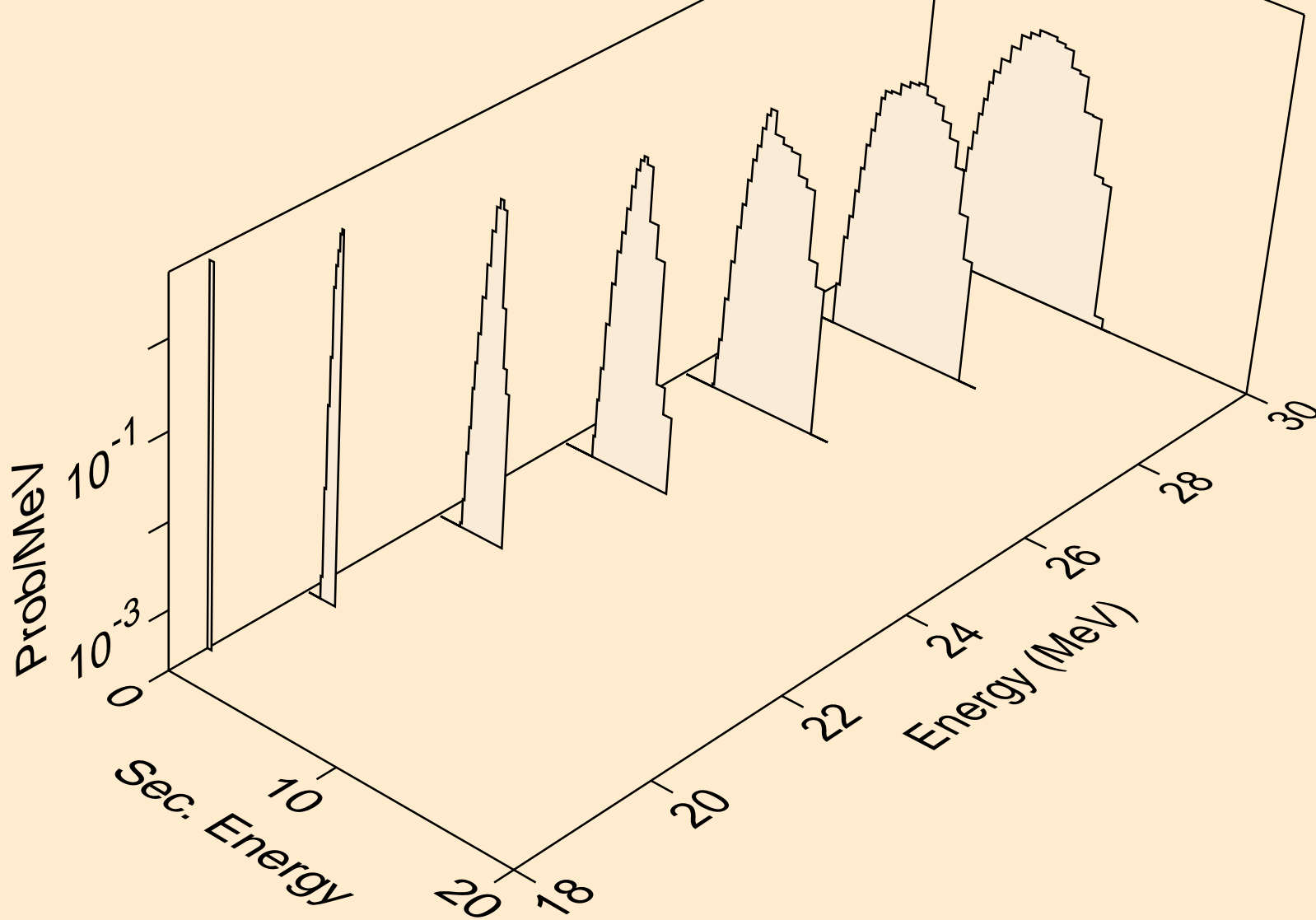




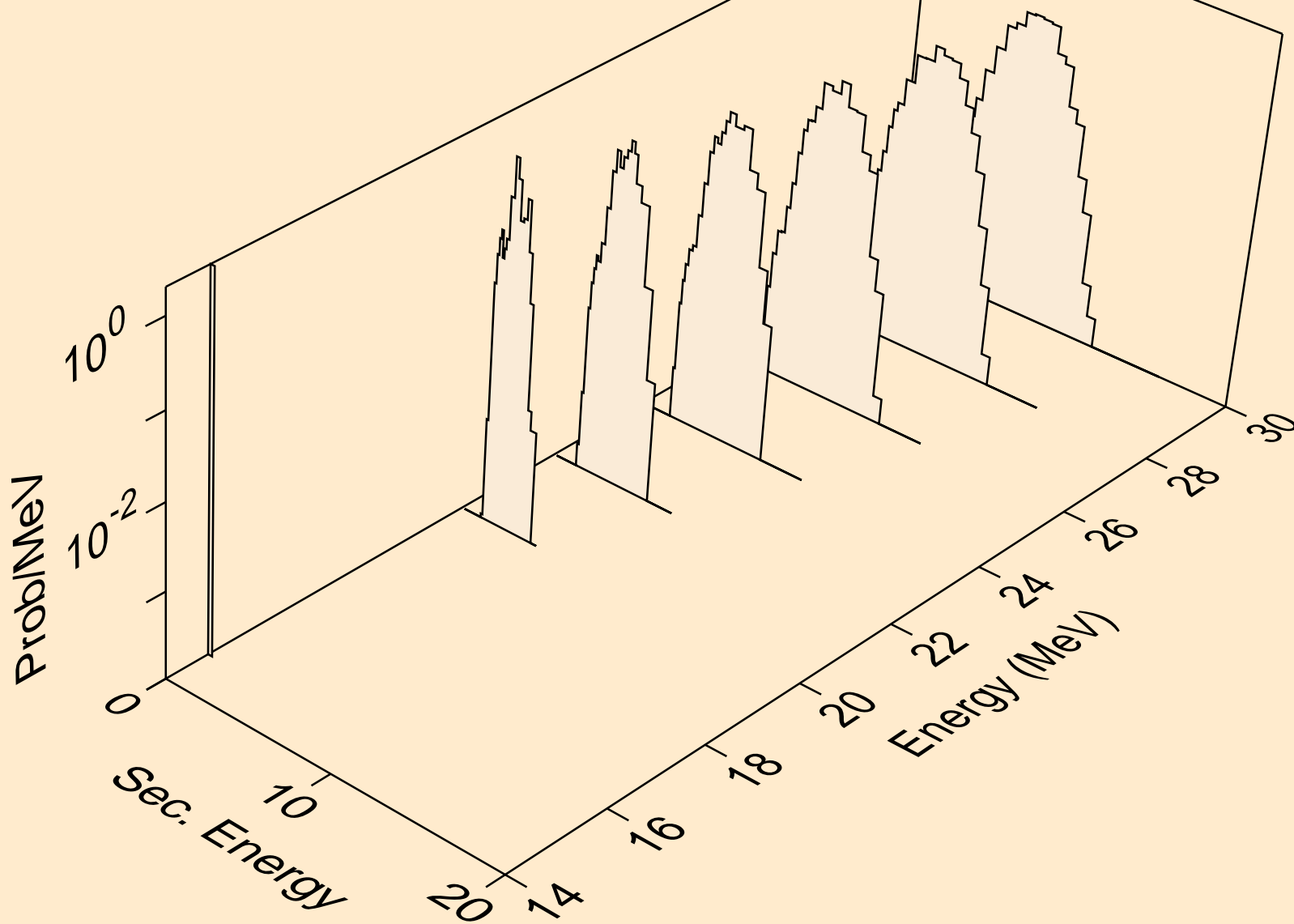
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



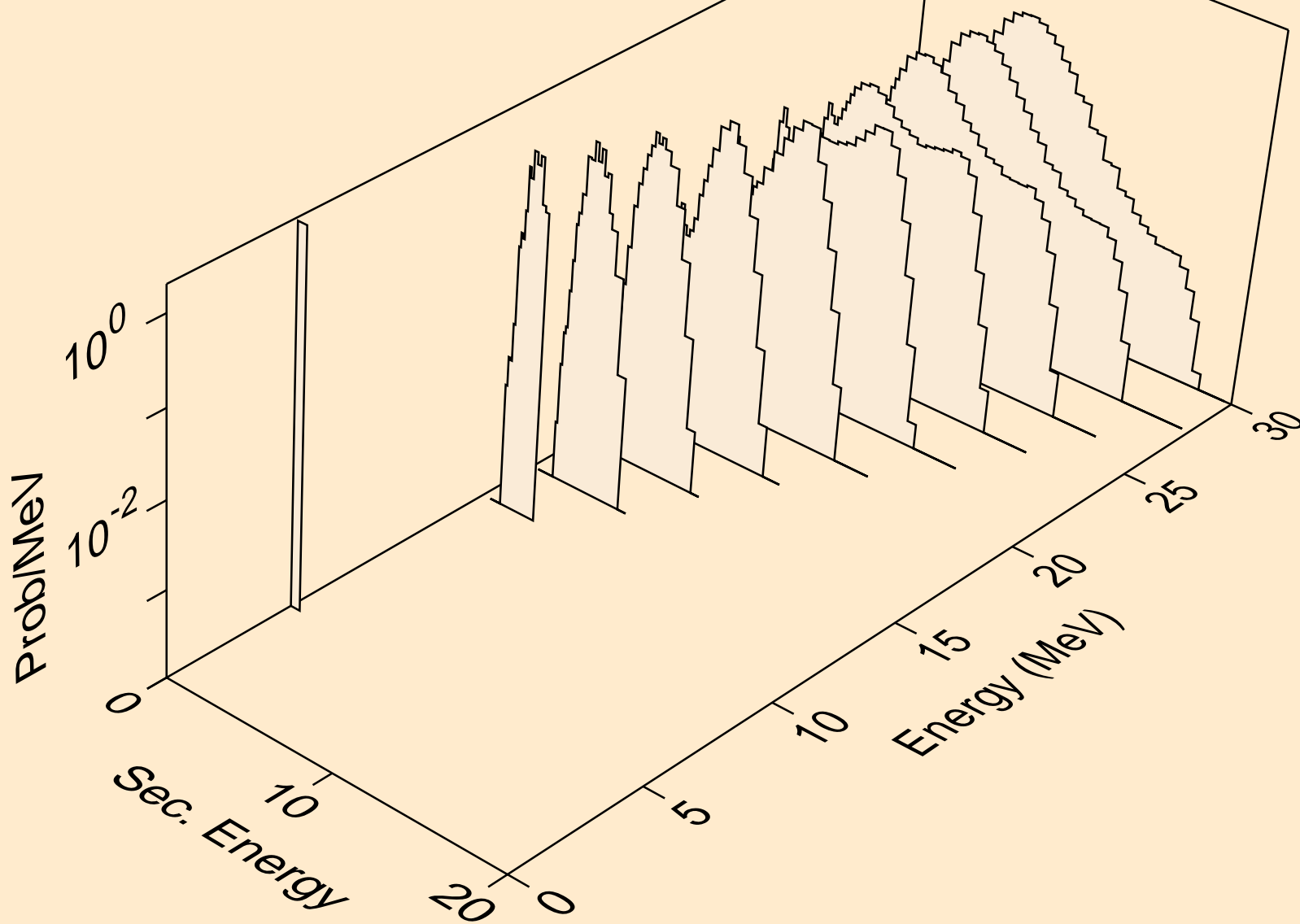
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protons from (n,3np)



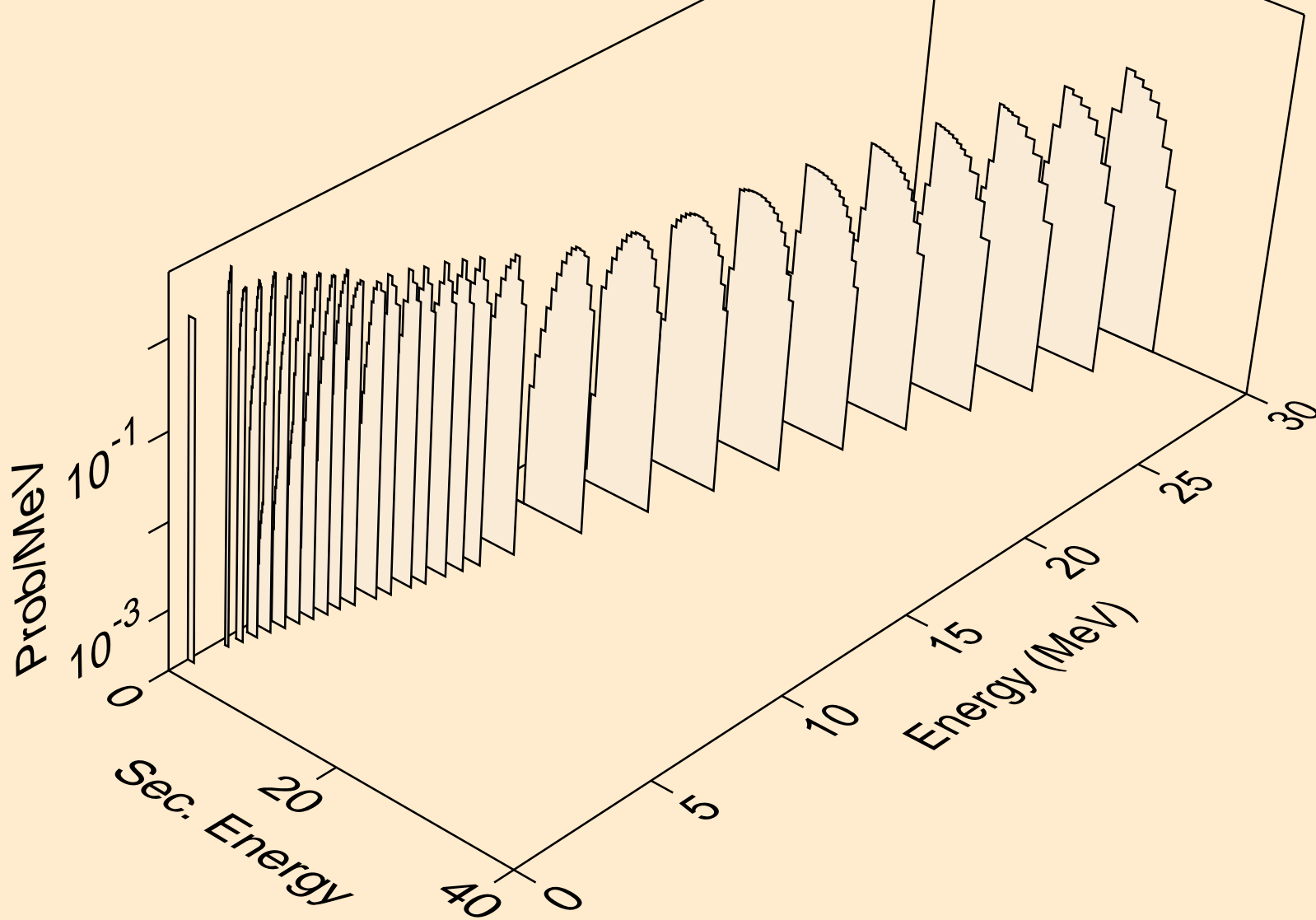
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protons from (n,2np)



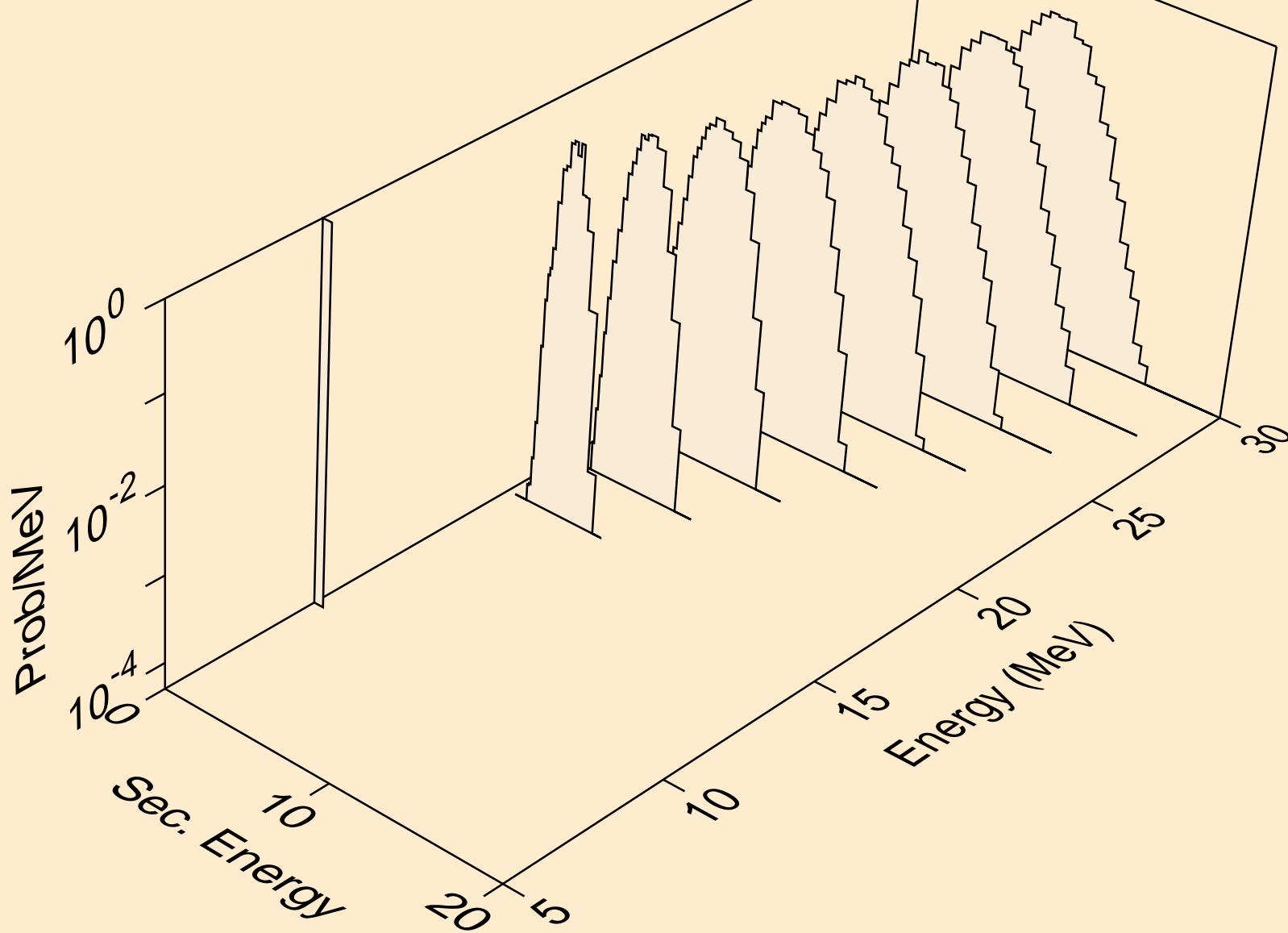
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protons from (n,npa)



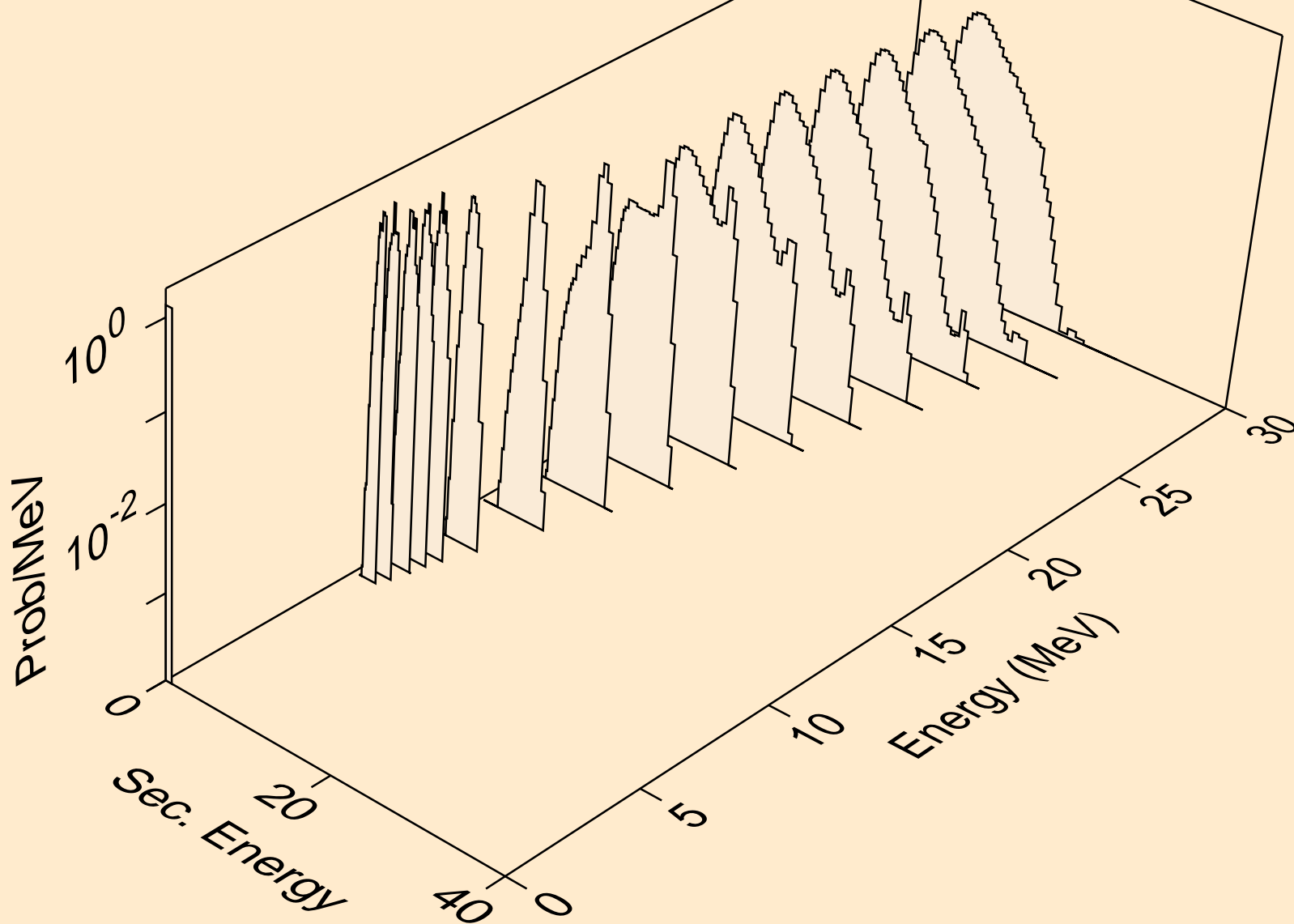
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protons from (n,p)



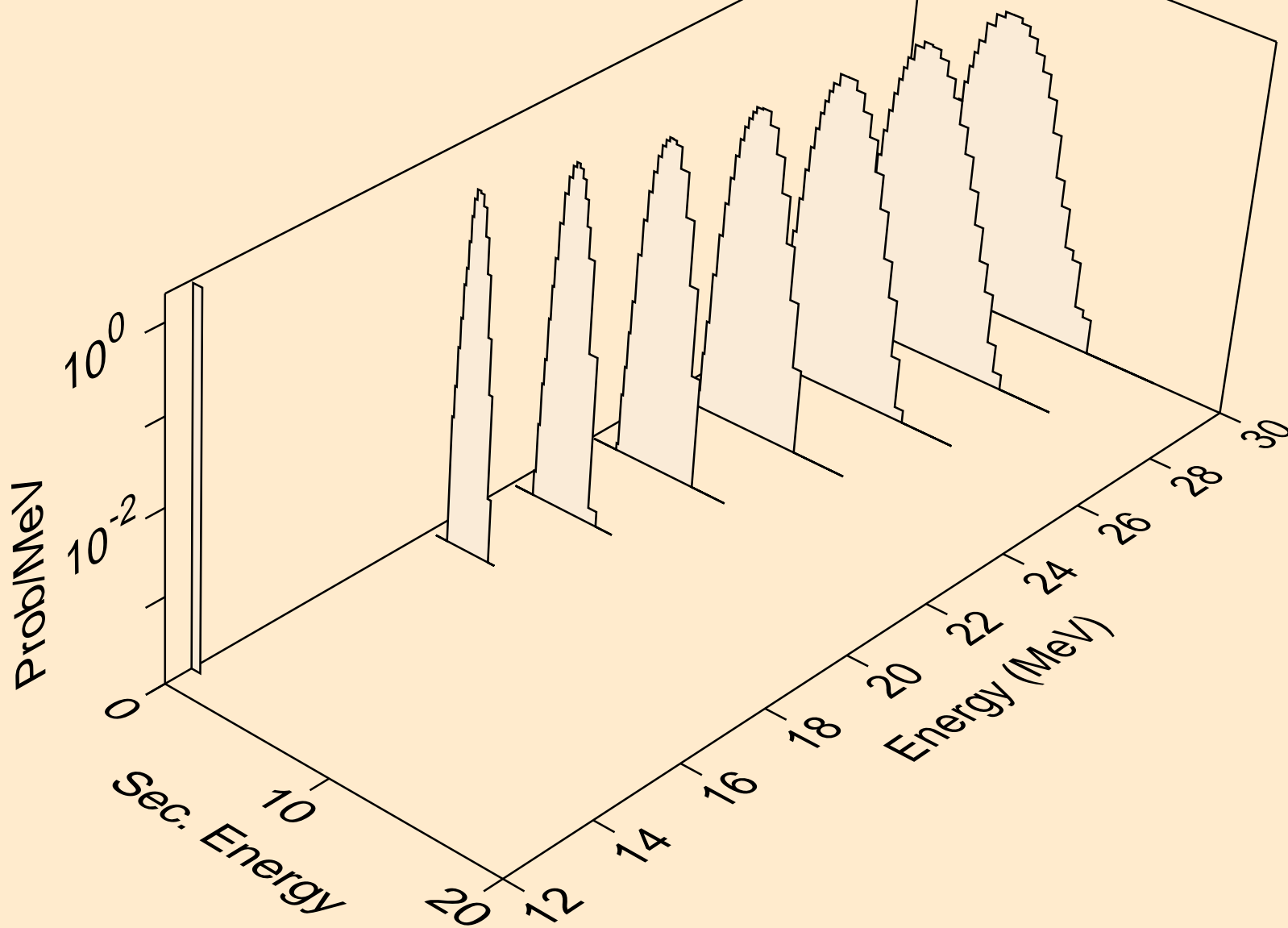
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protons from (n,2p)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

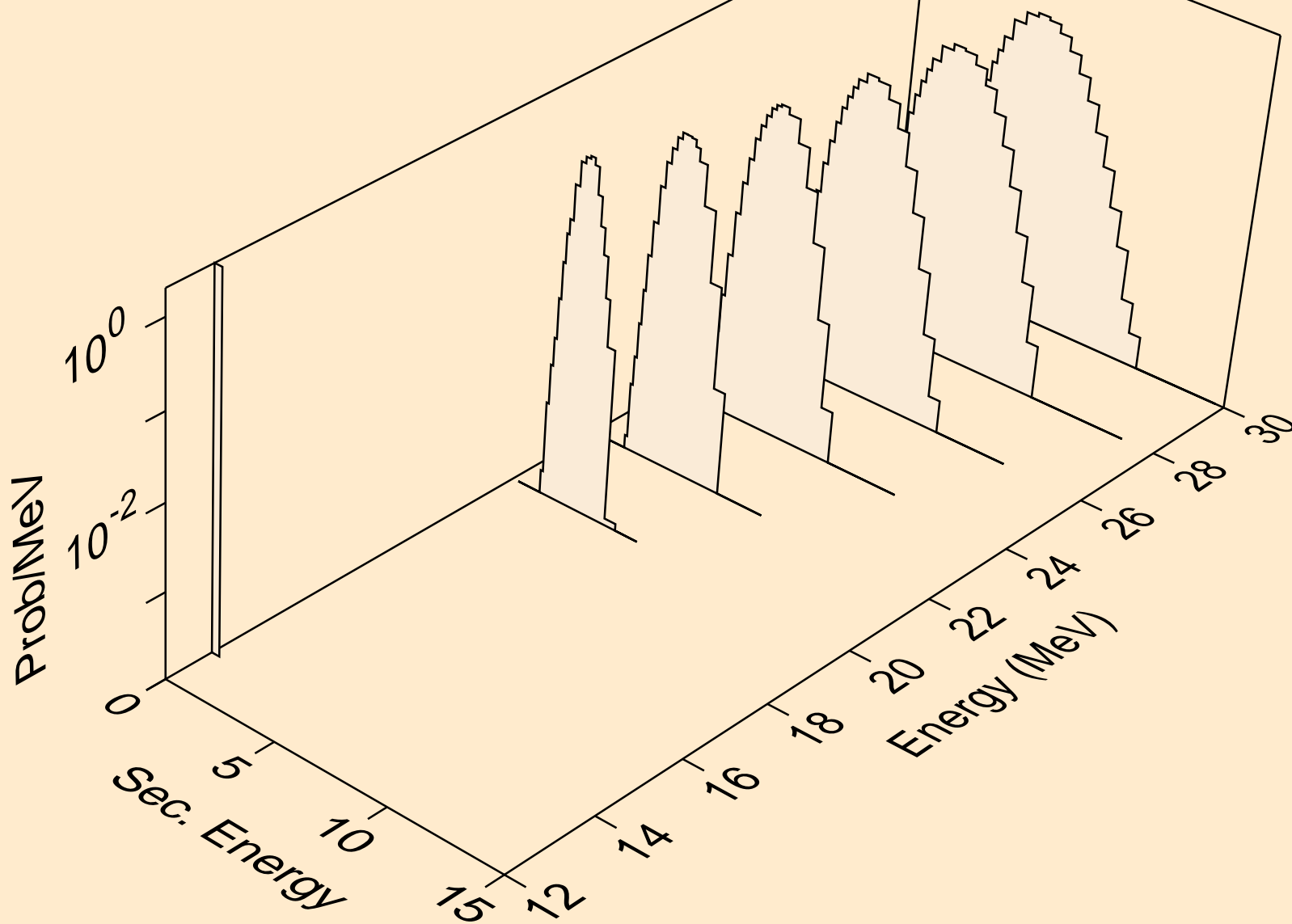


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)

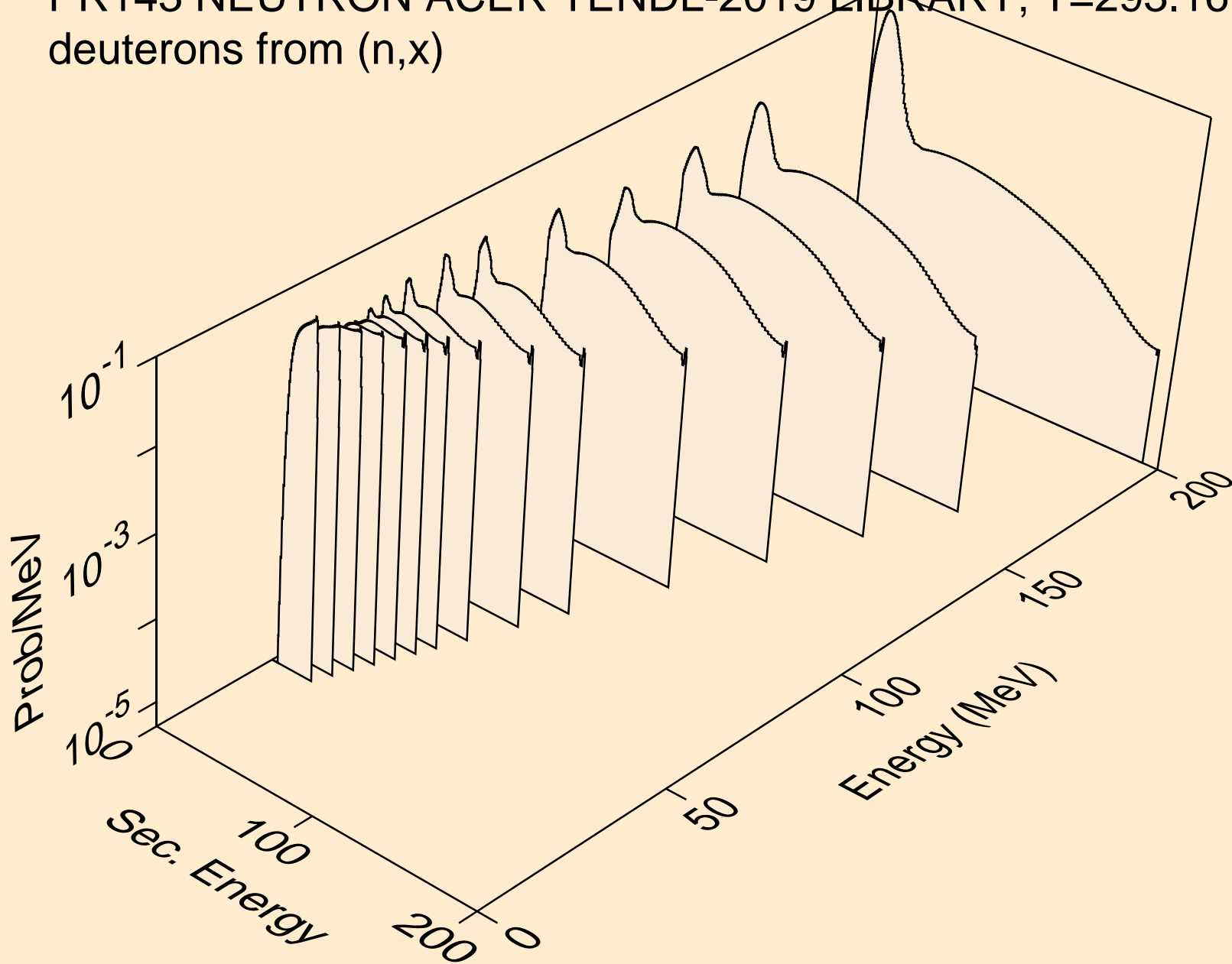




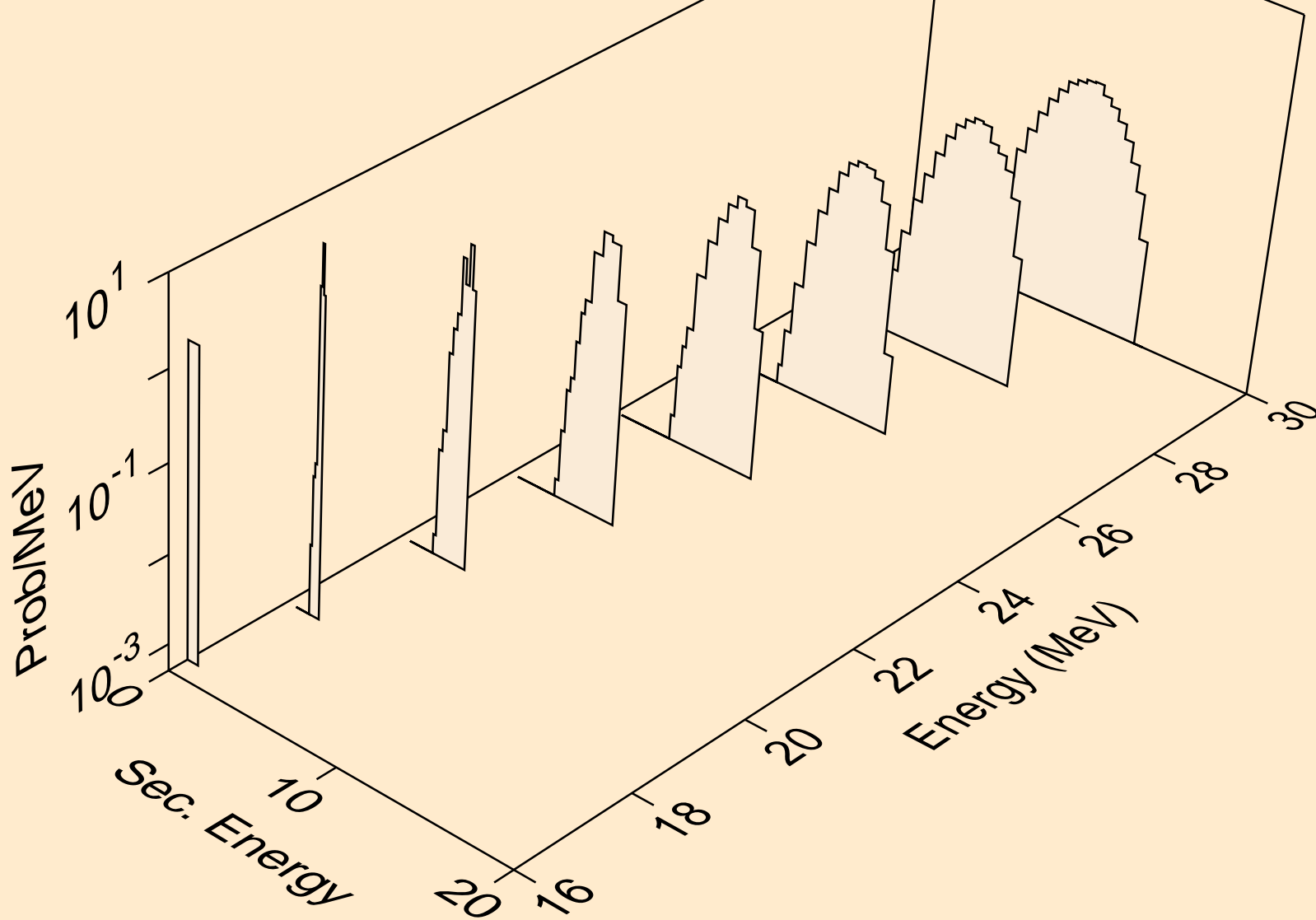
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



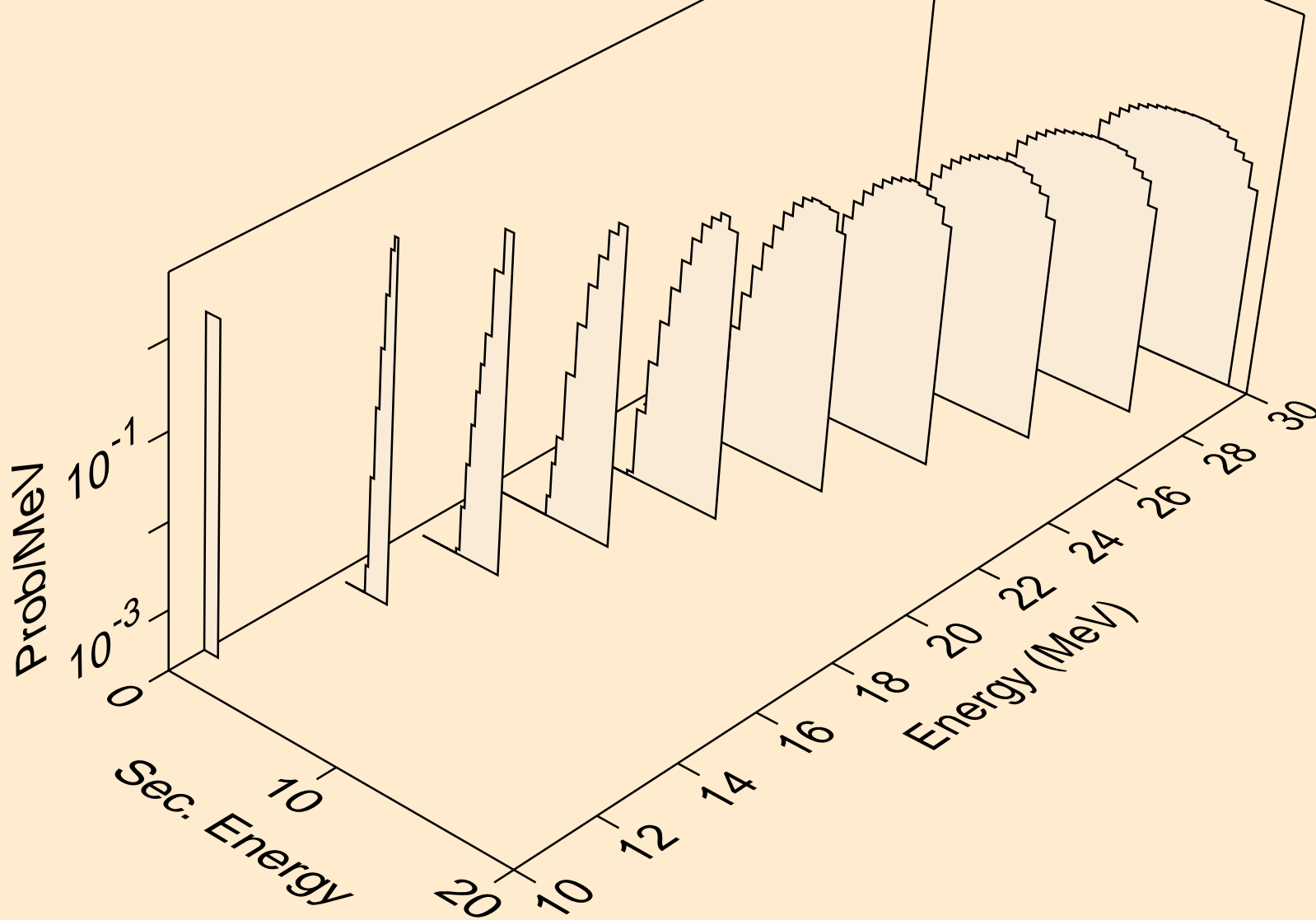
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



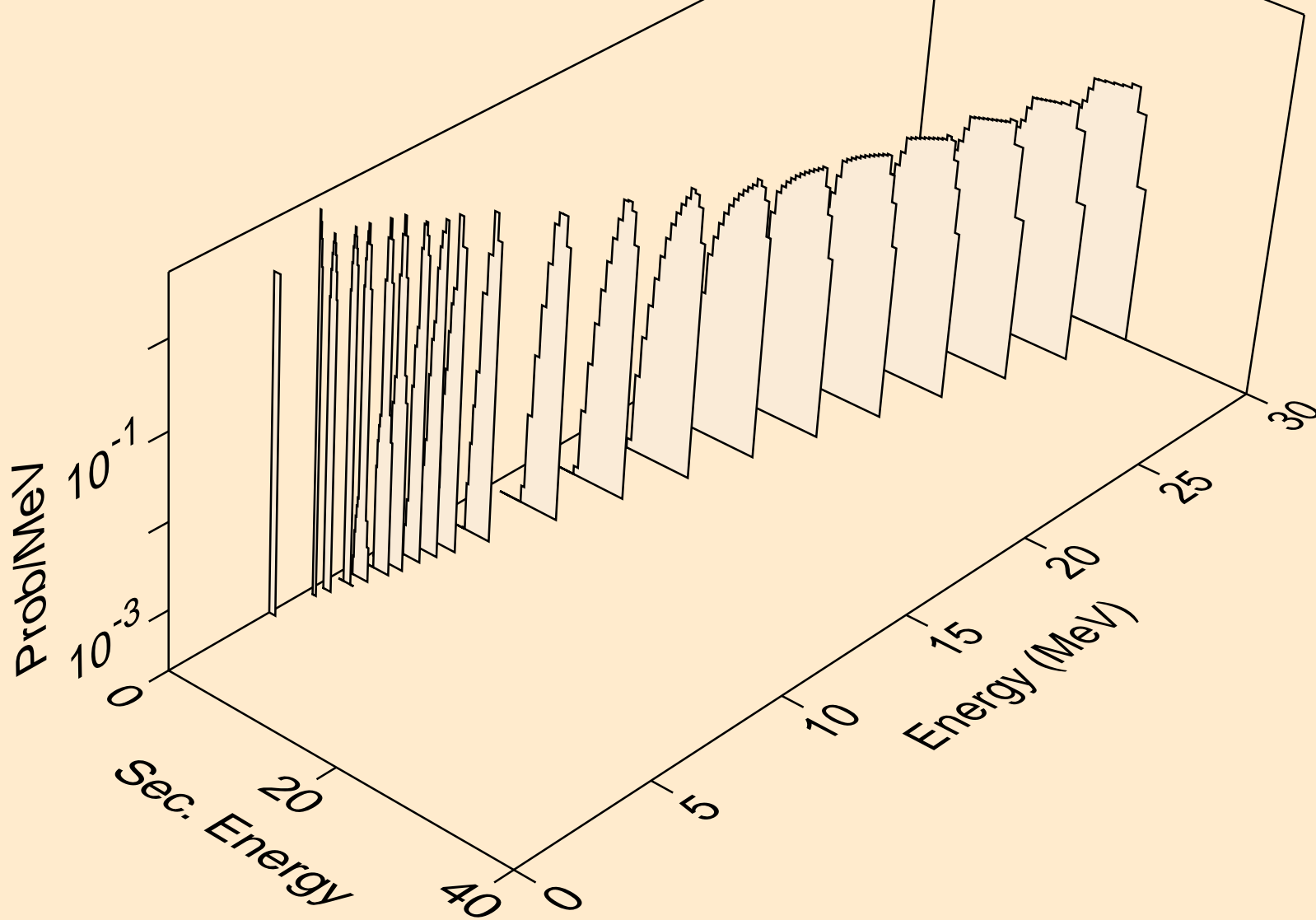
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



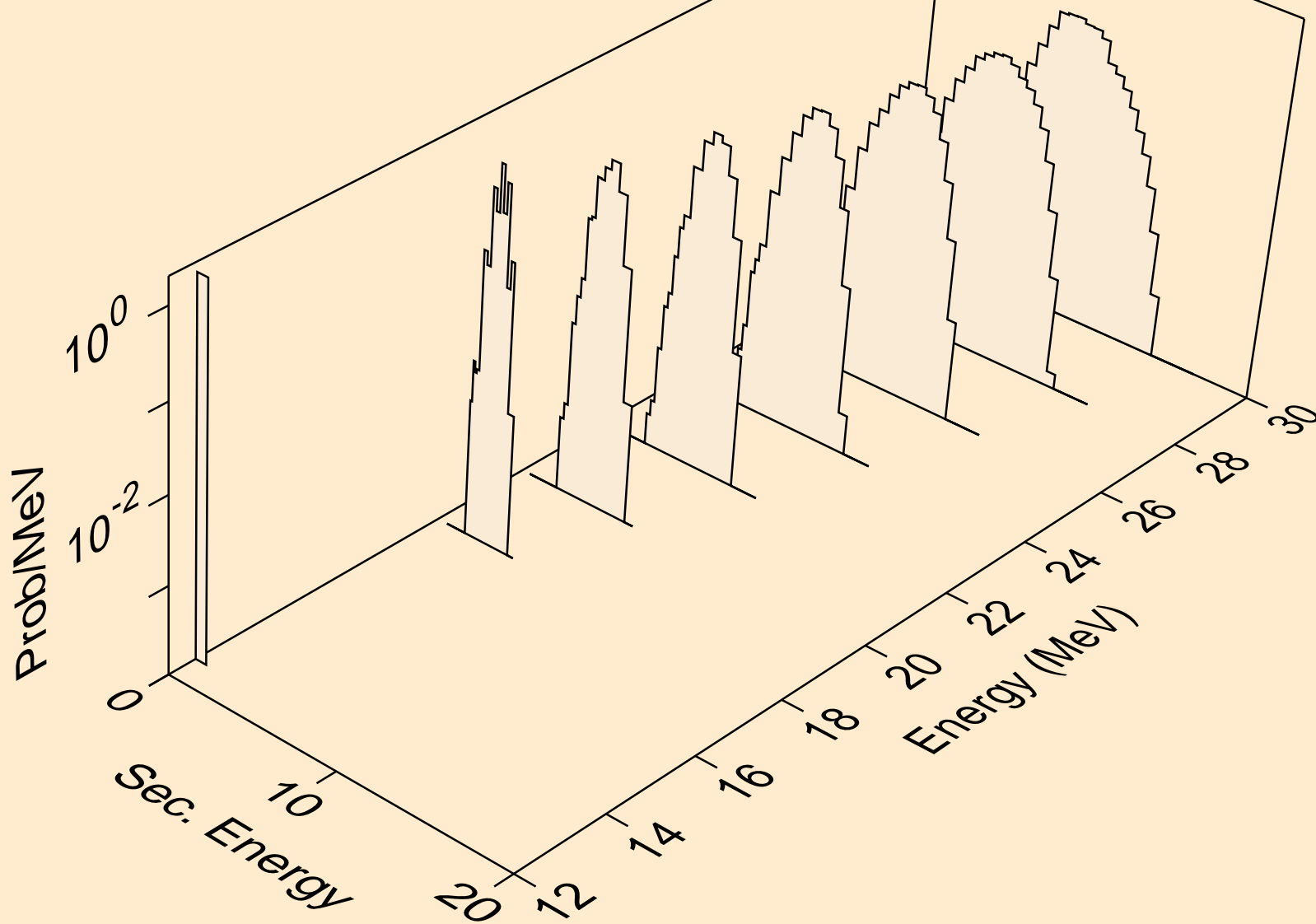
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deuterons from (n,n\*)d



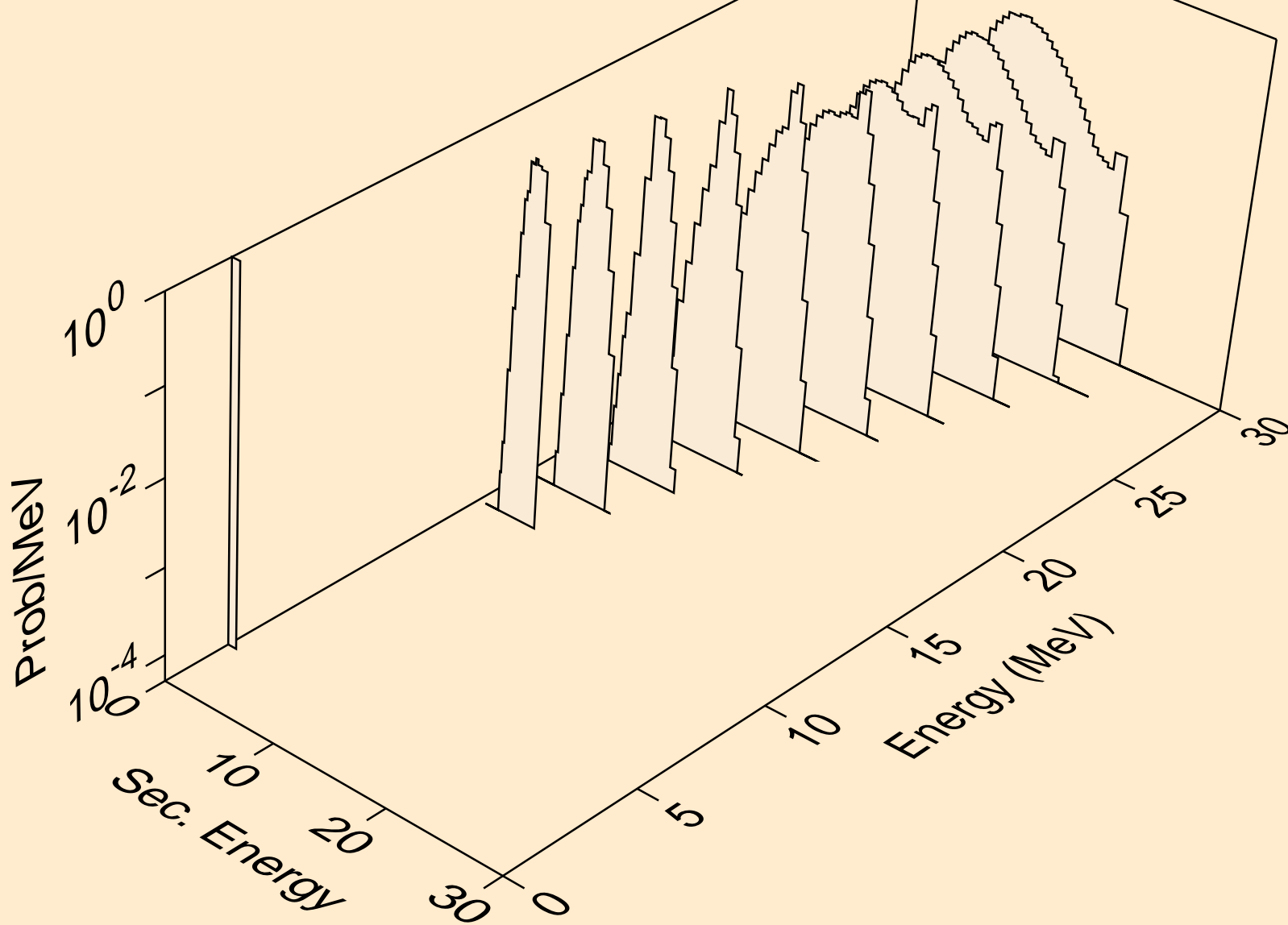
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deuterons from (n,d)



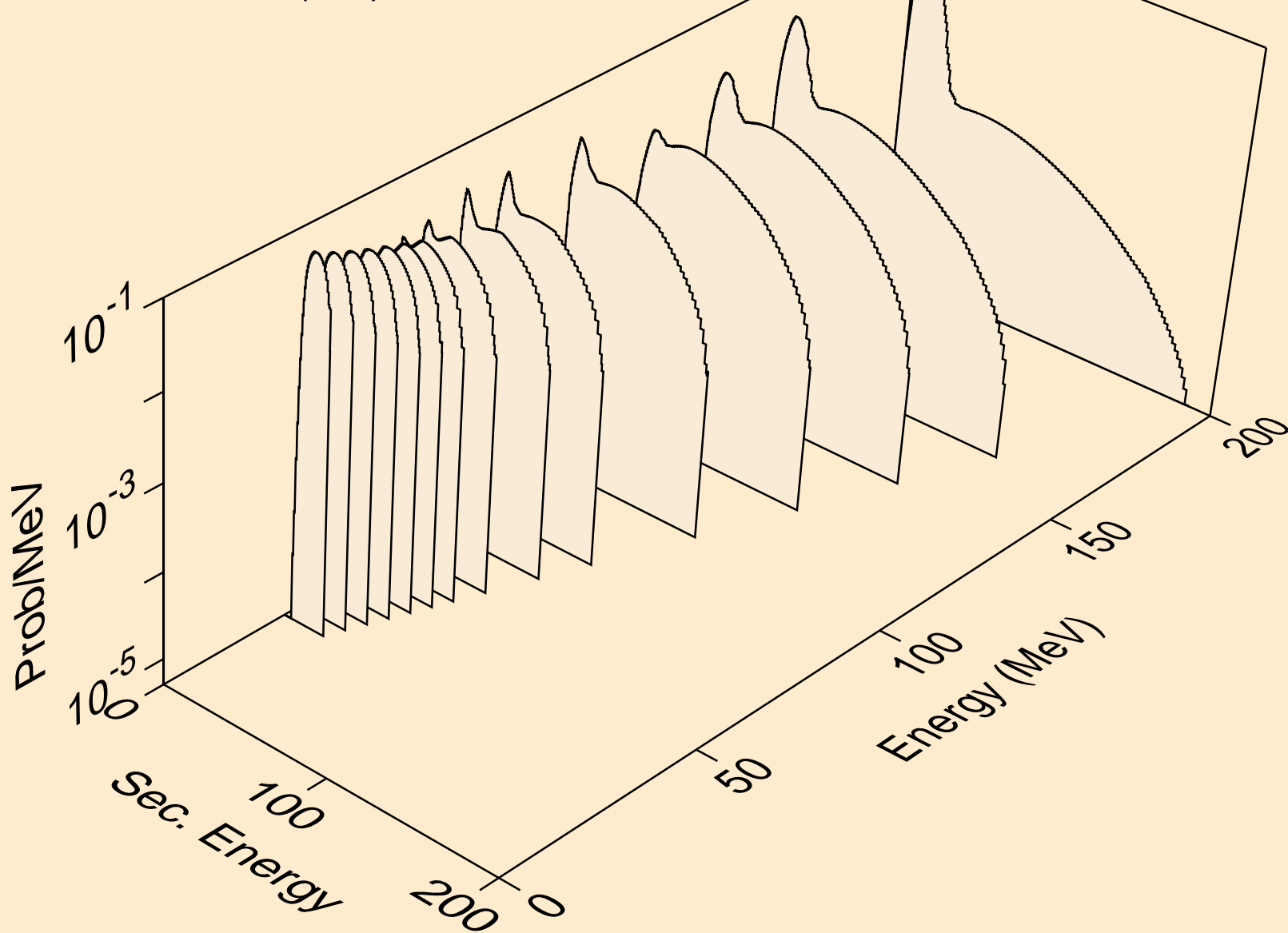
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deuterons from (n,pd)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)

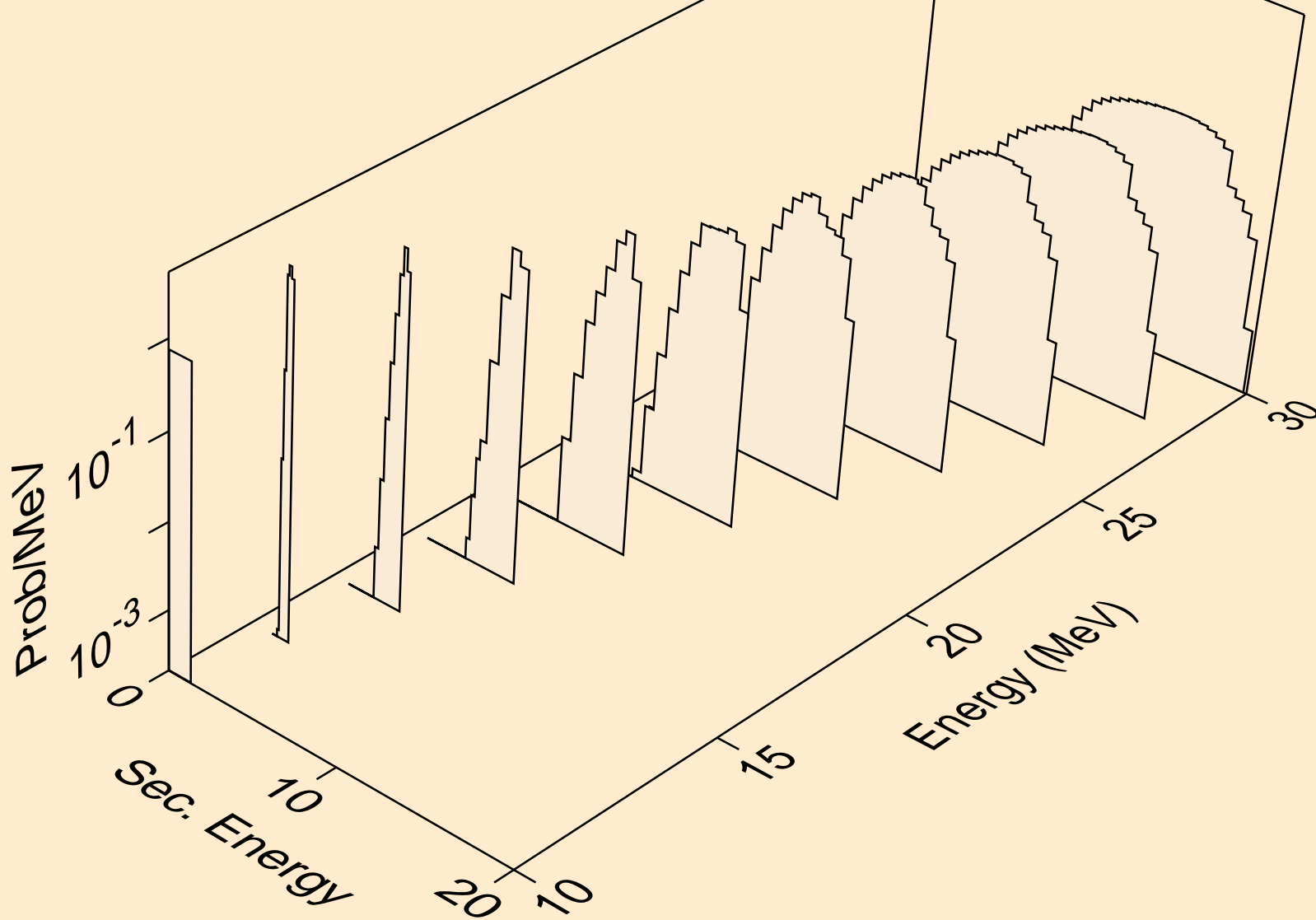


PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

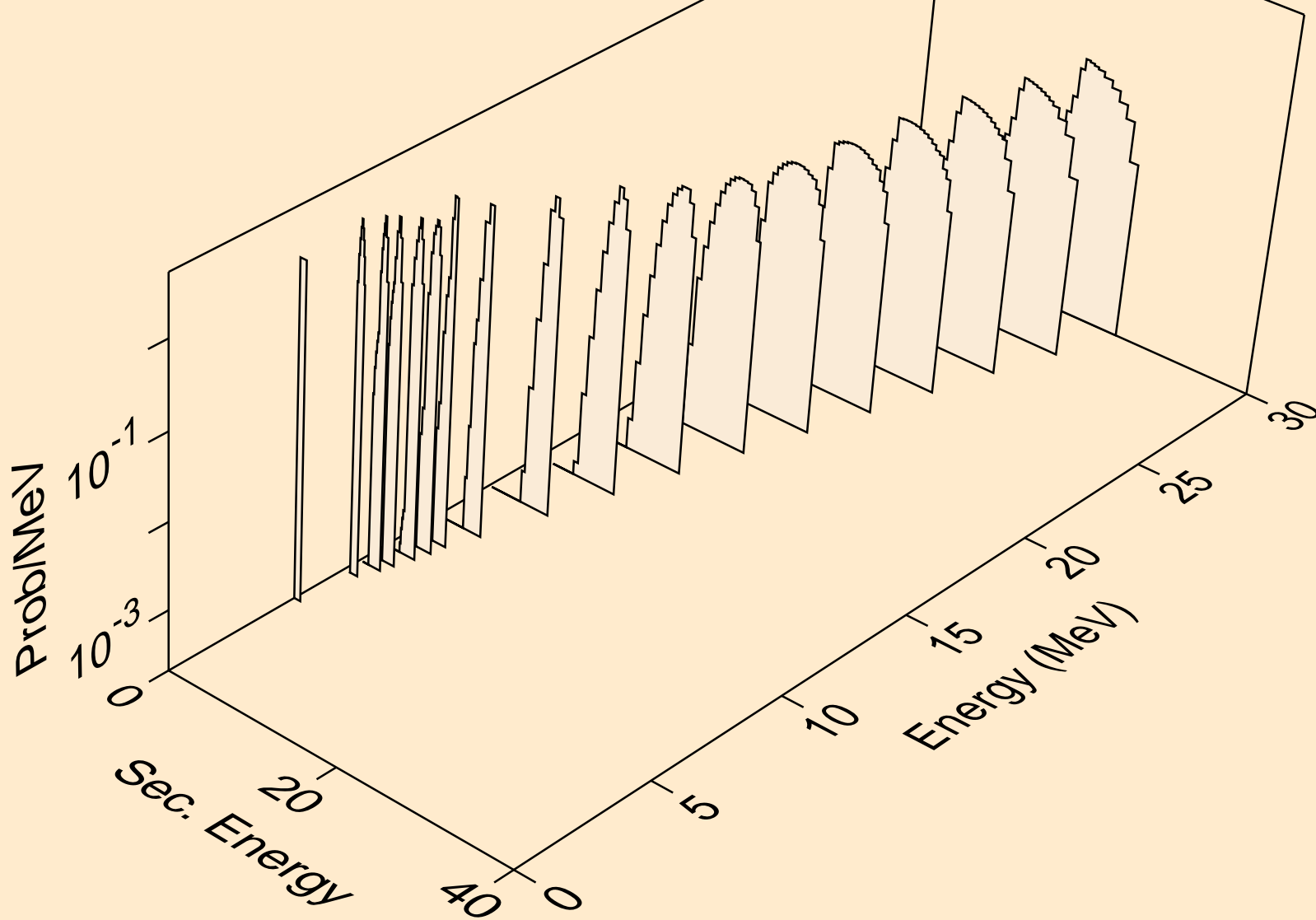




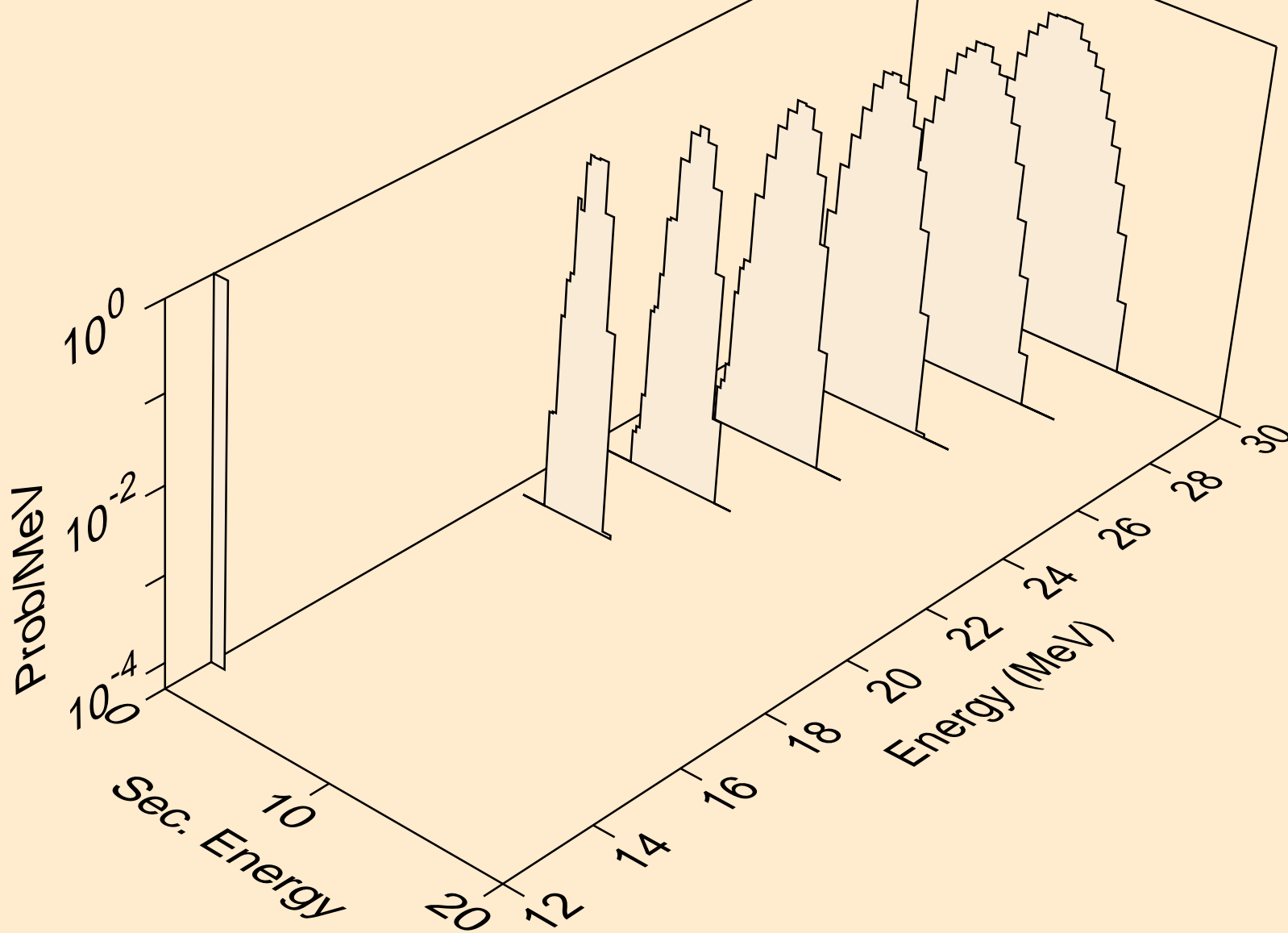
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



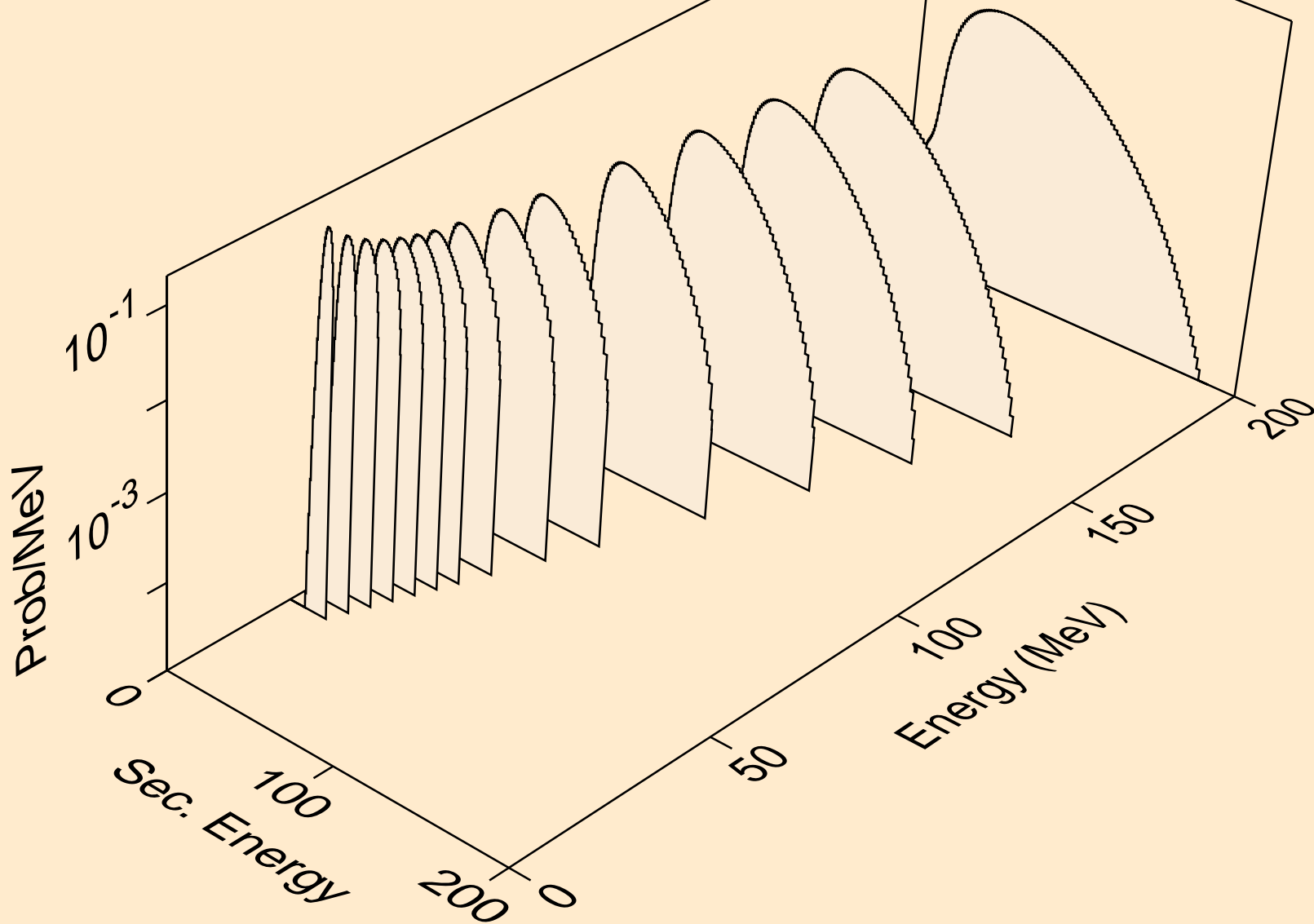
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tritons from (n,t)



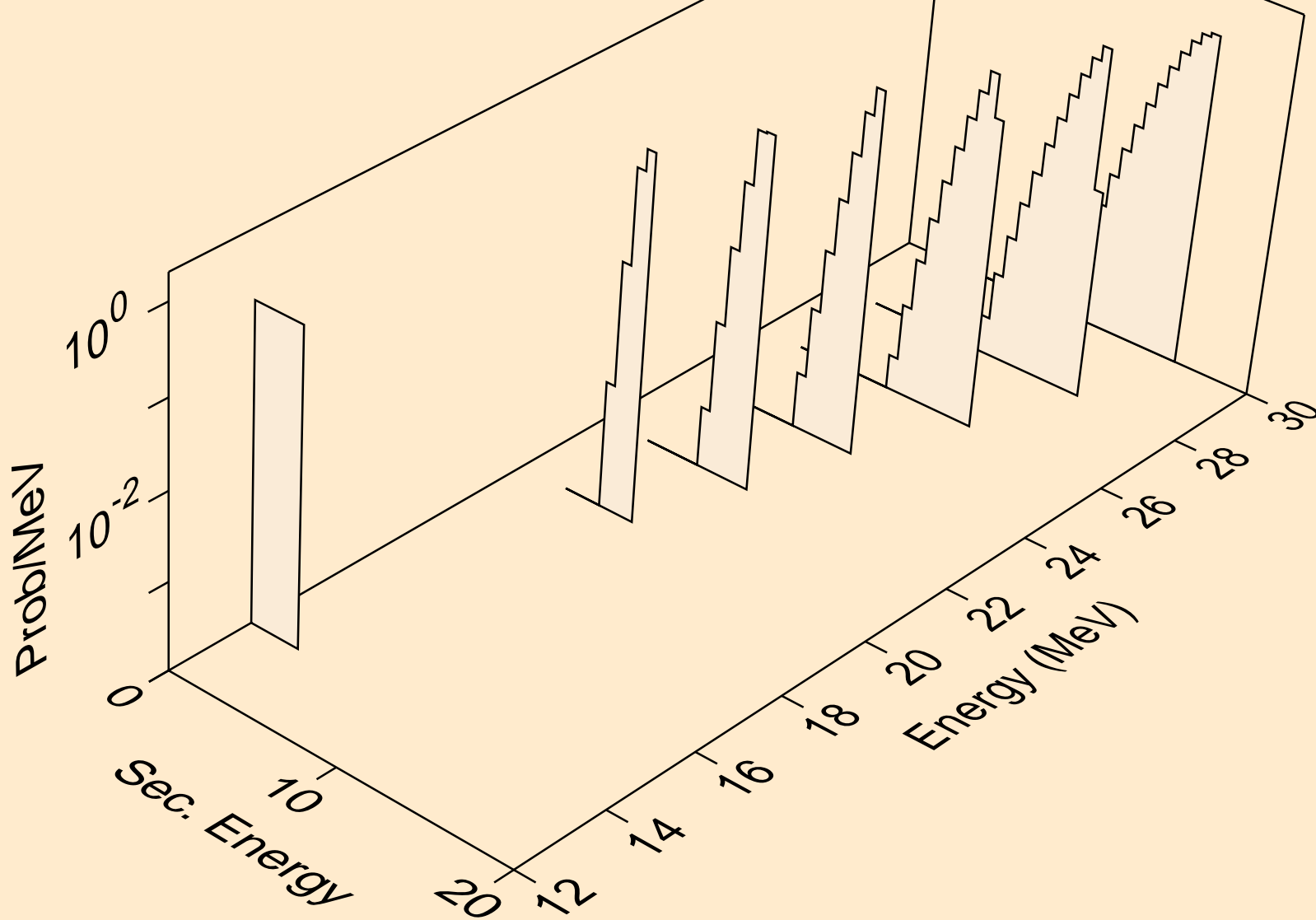
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tritons from (n,pt)



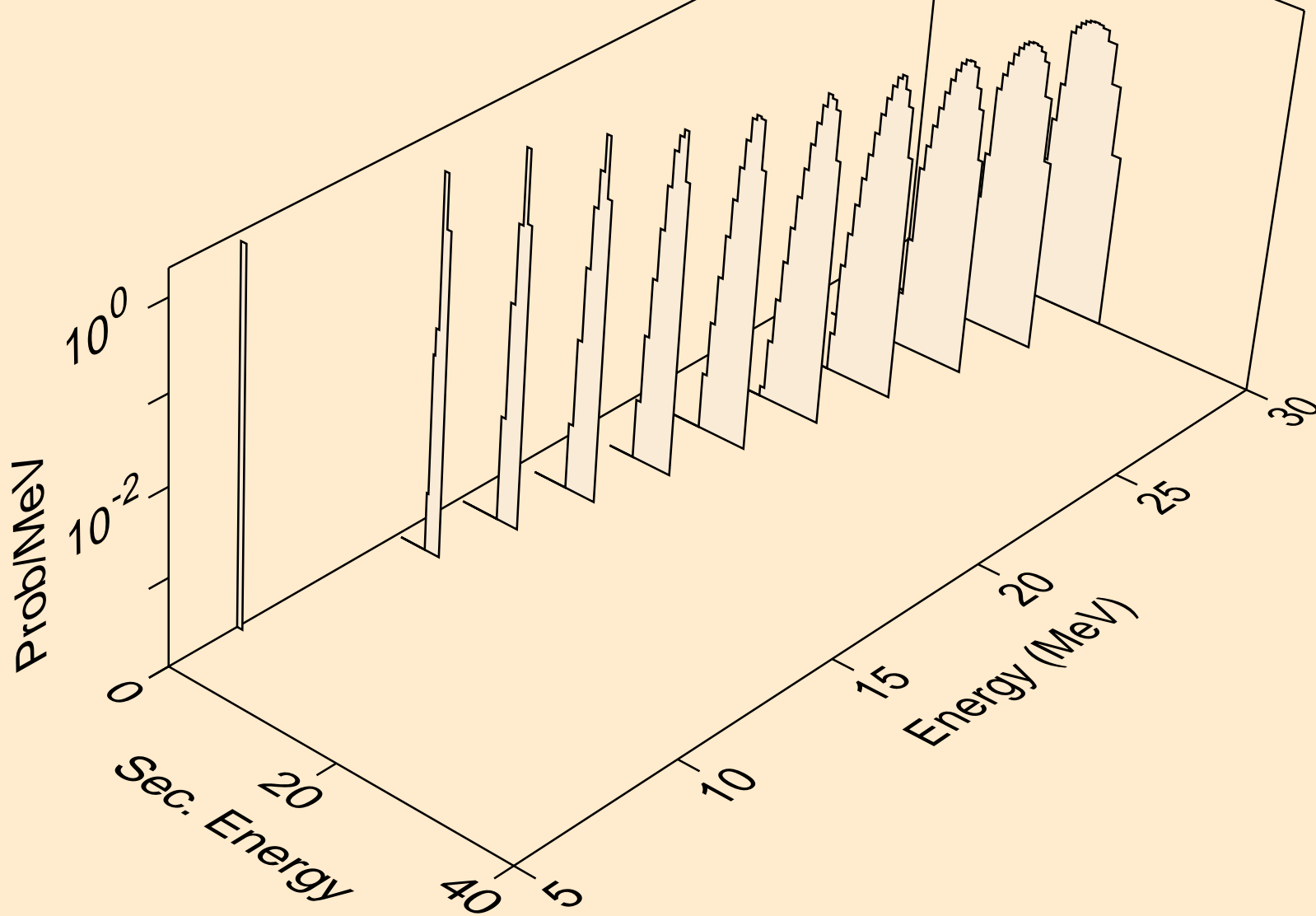
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



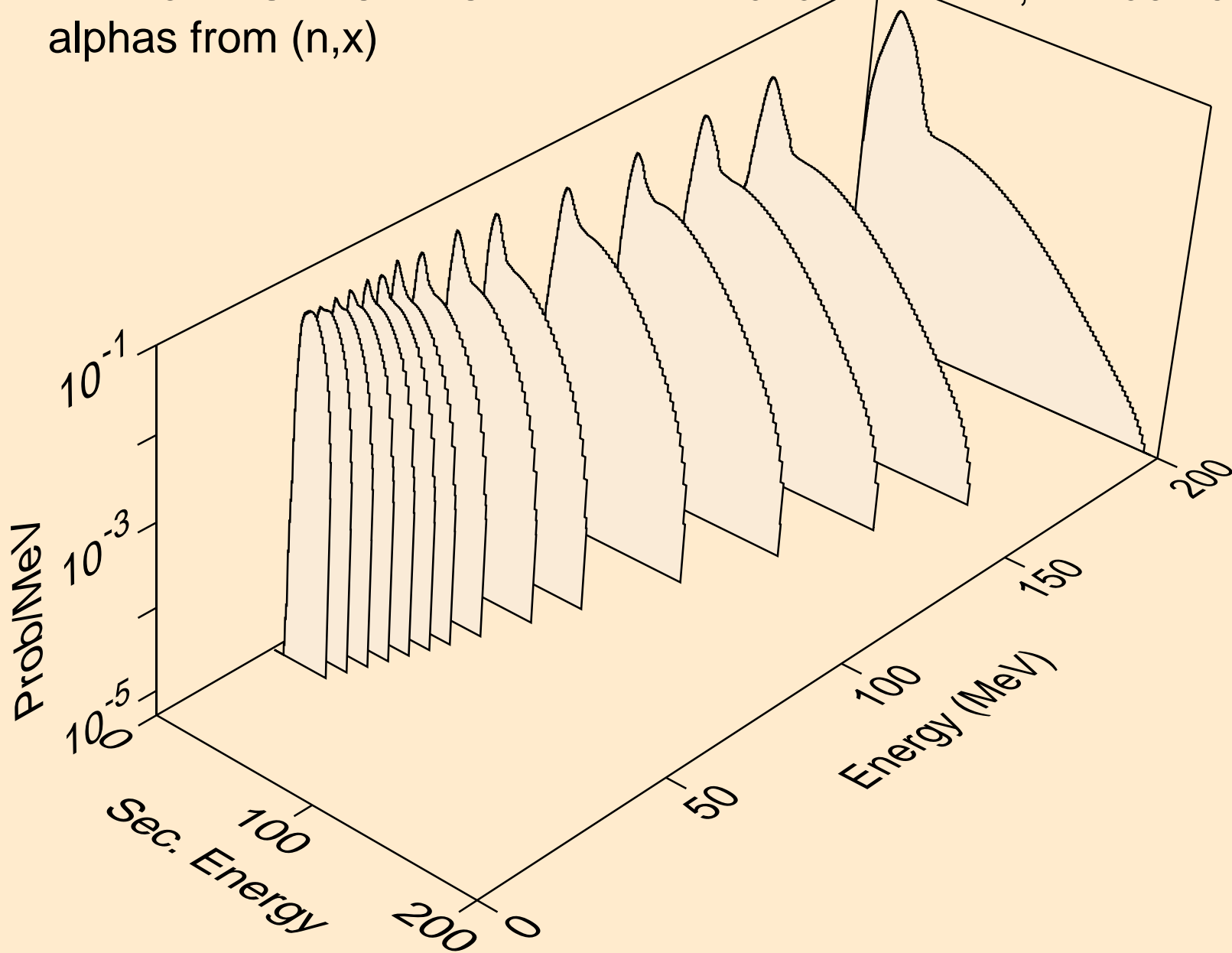
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



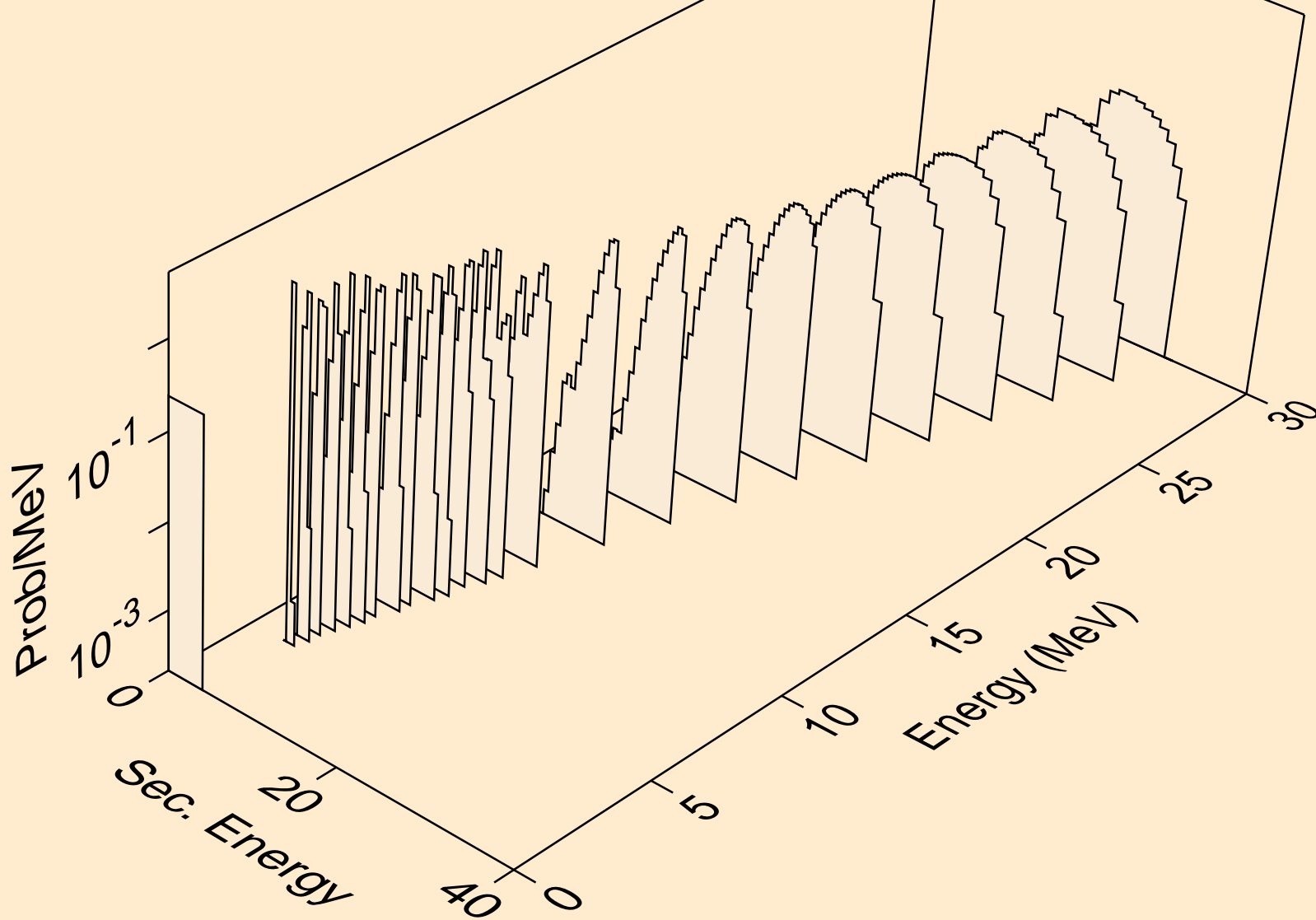
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he3s from (n,he3)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

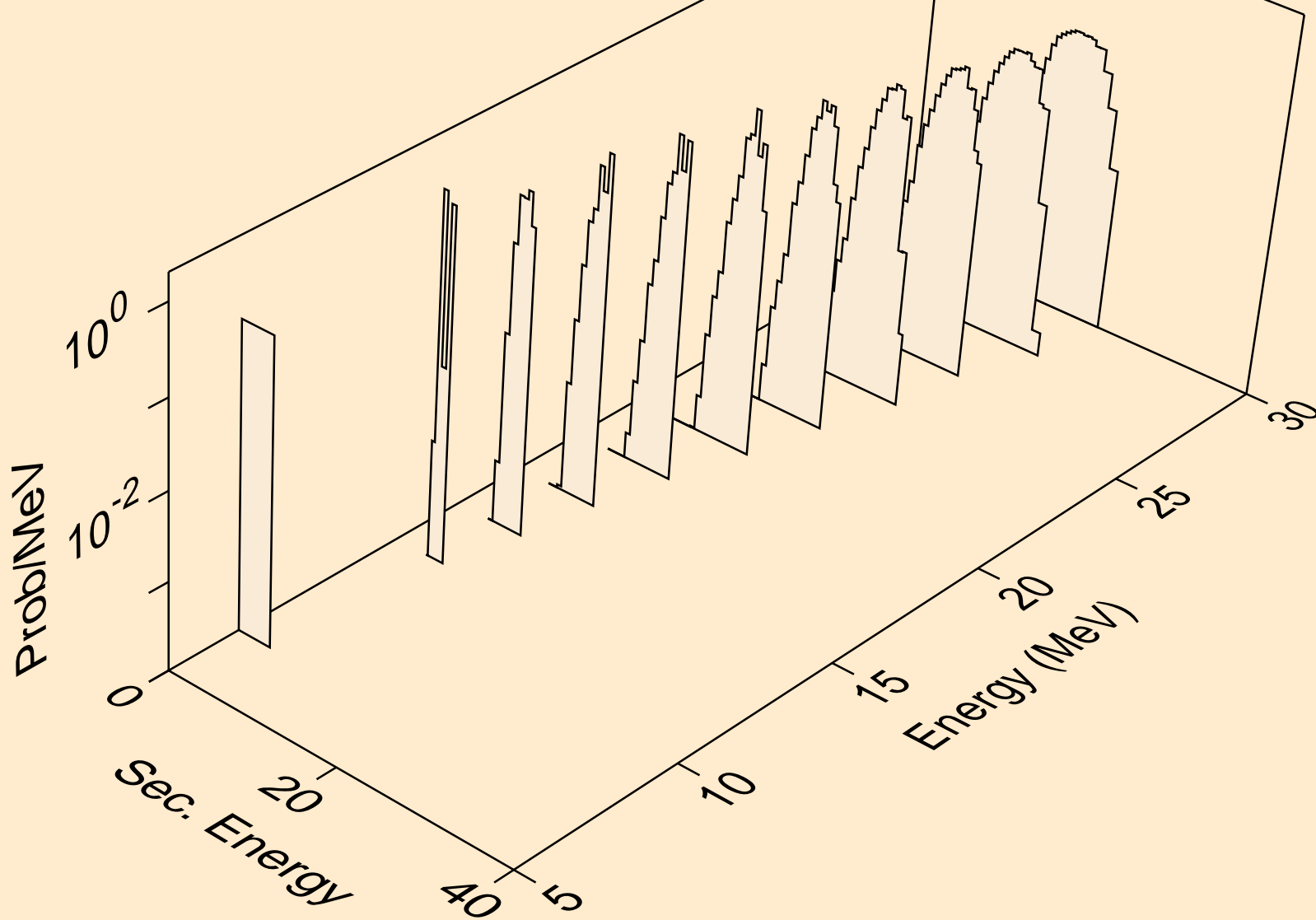


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alphas from (n,n\*)a

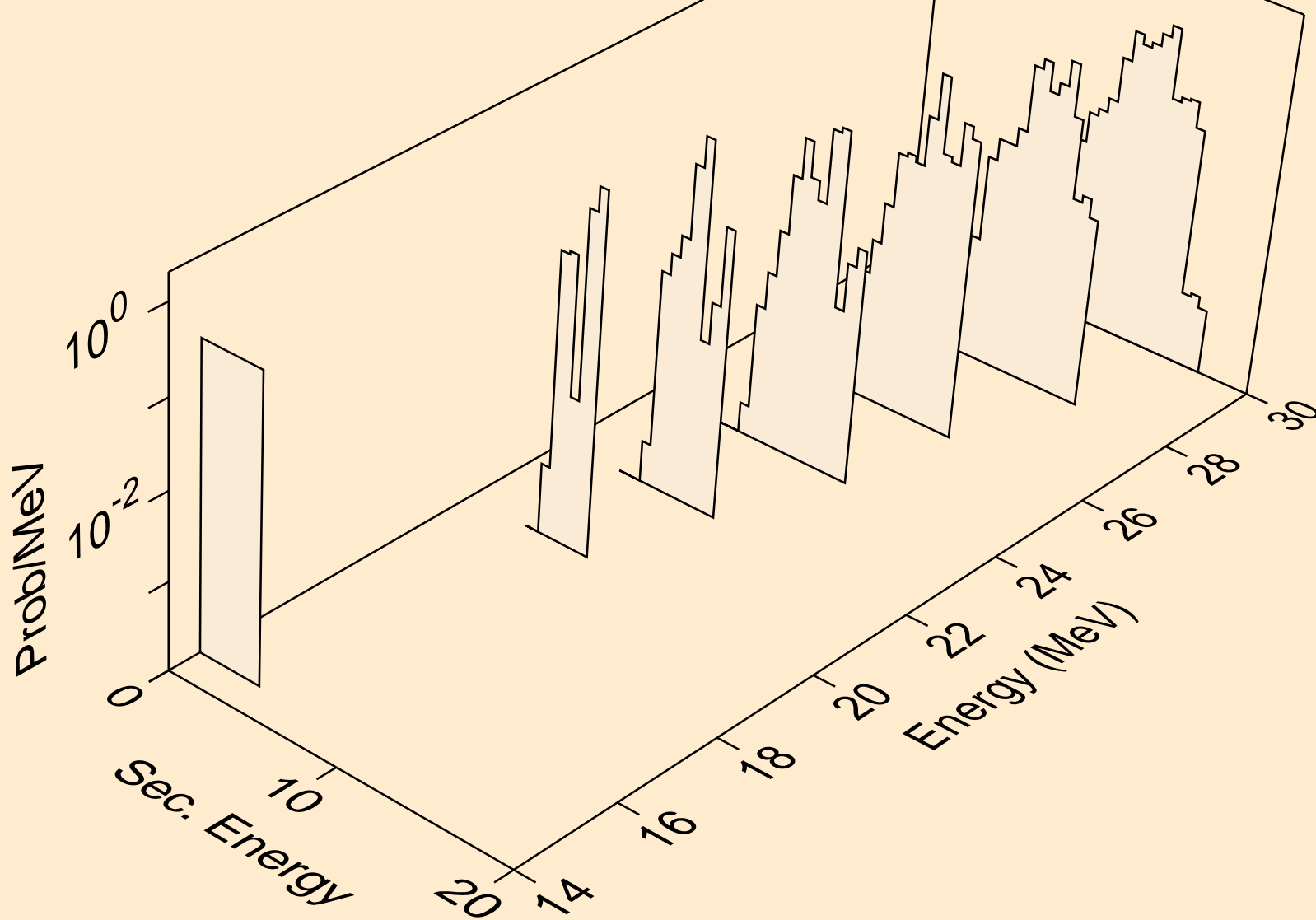




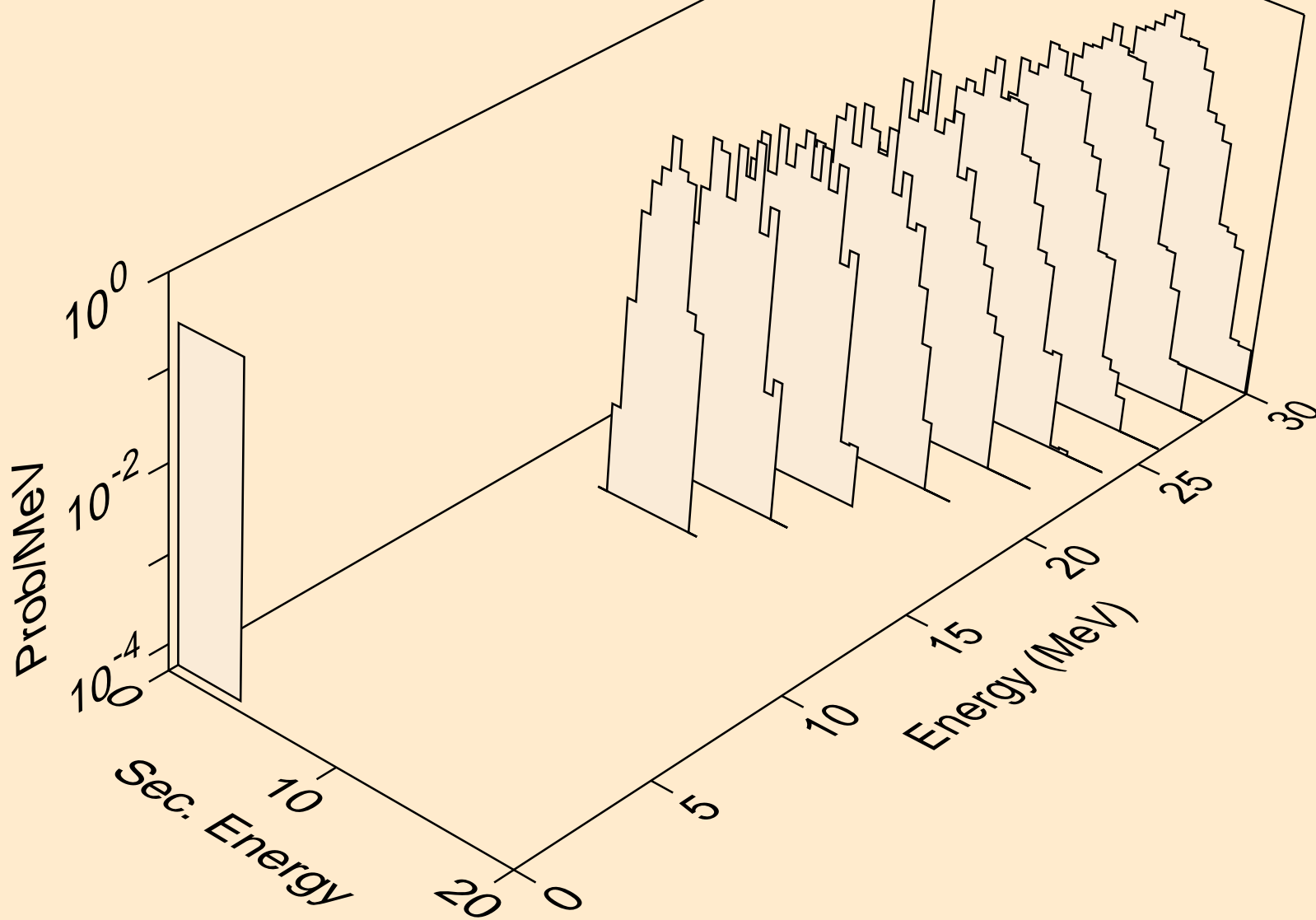
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alphas from (n,2n)a



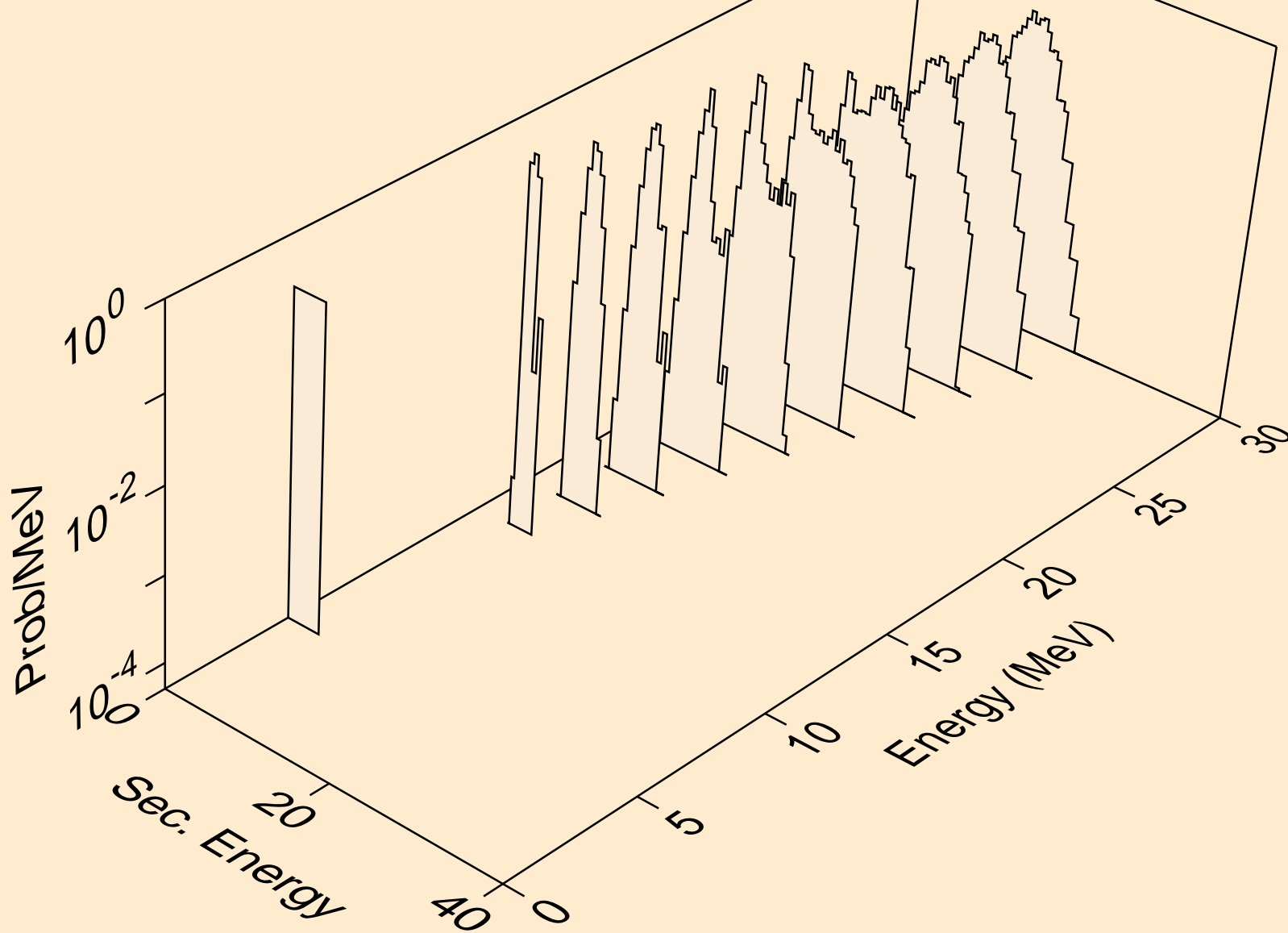
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



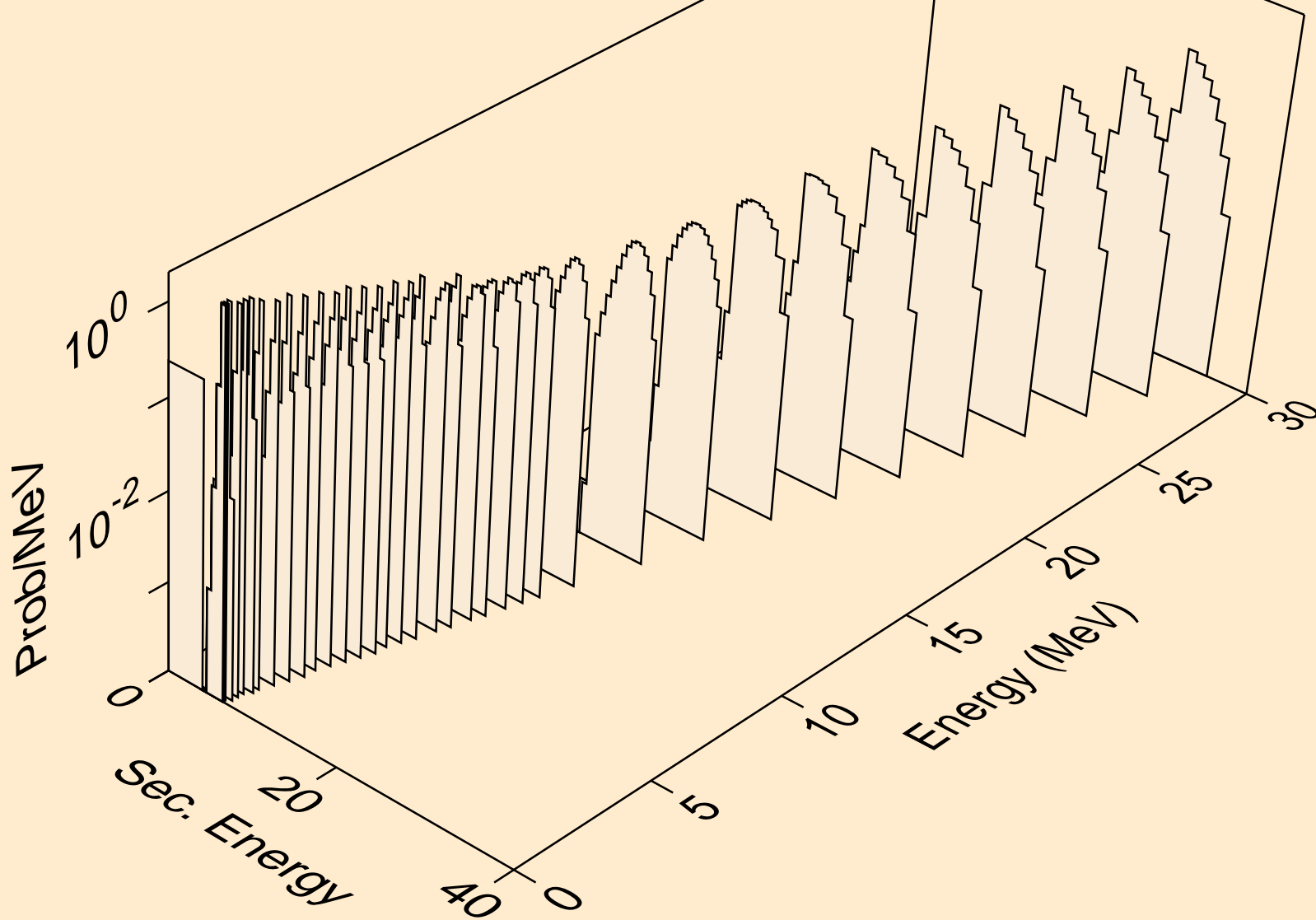
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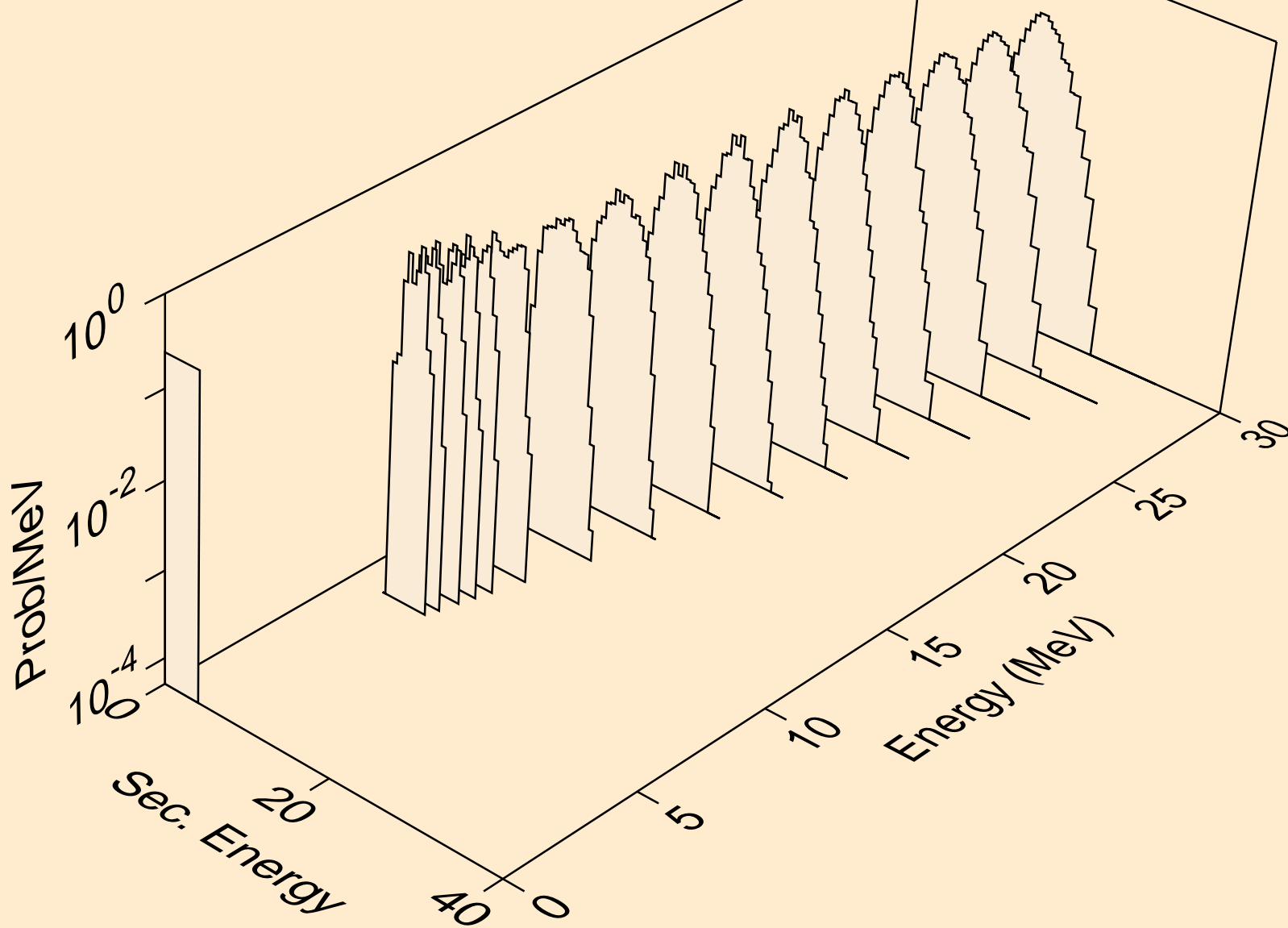
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alphas from (n,npa)



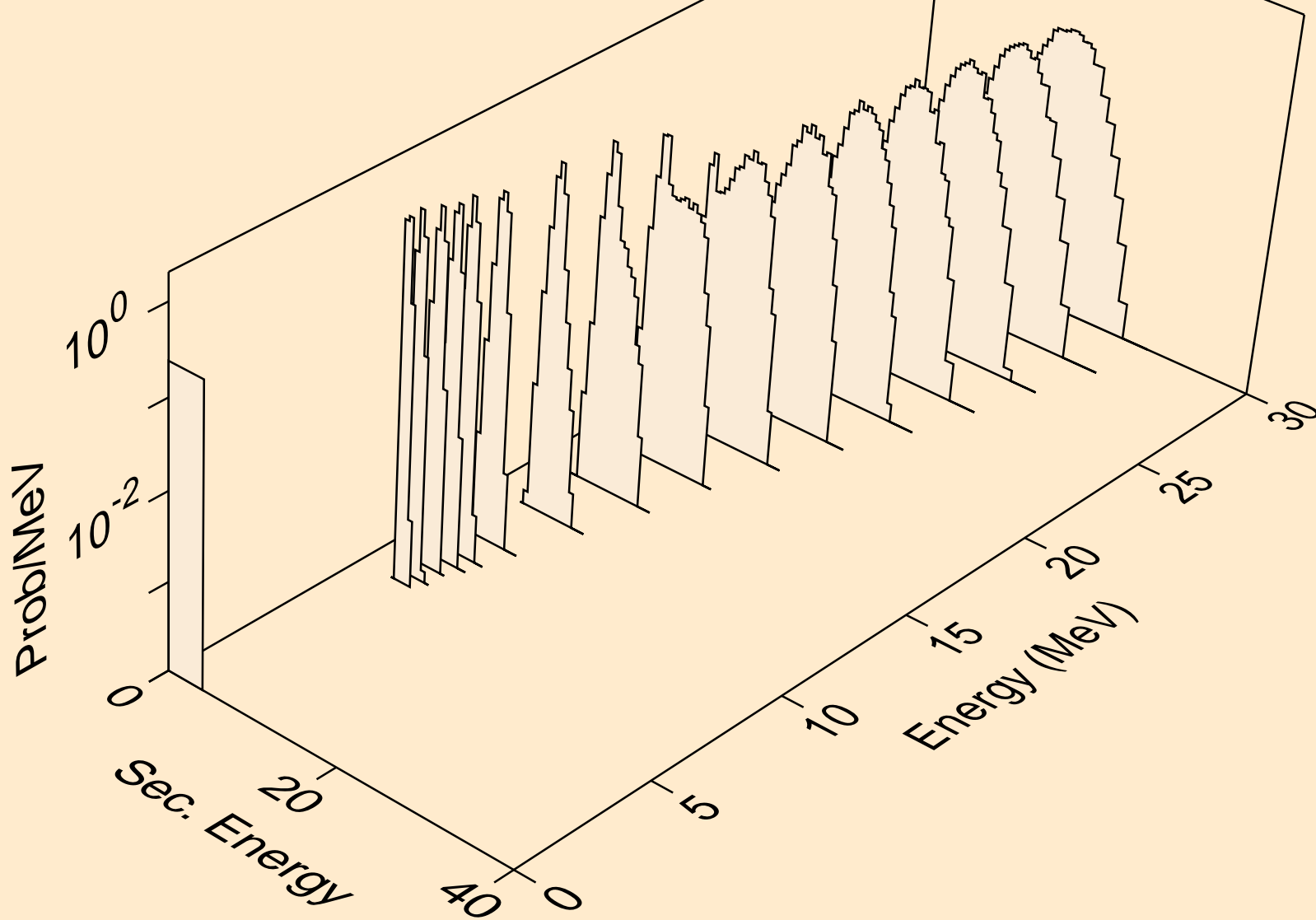
PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



PR143 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

