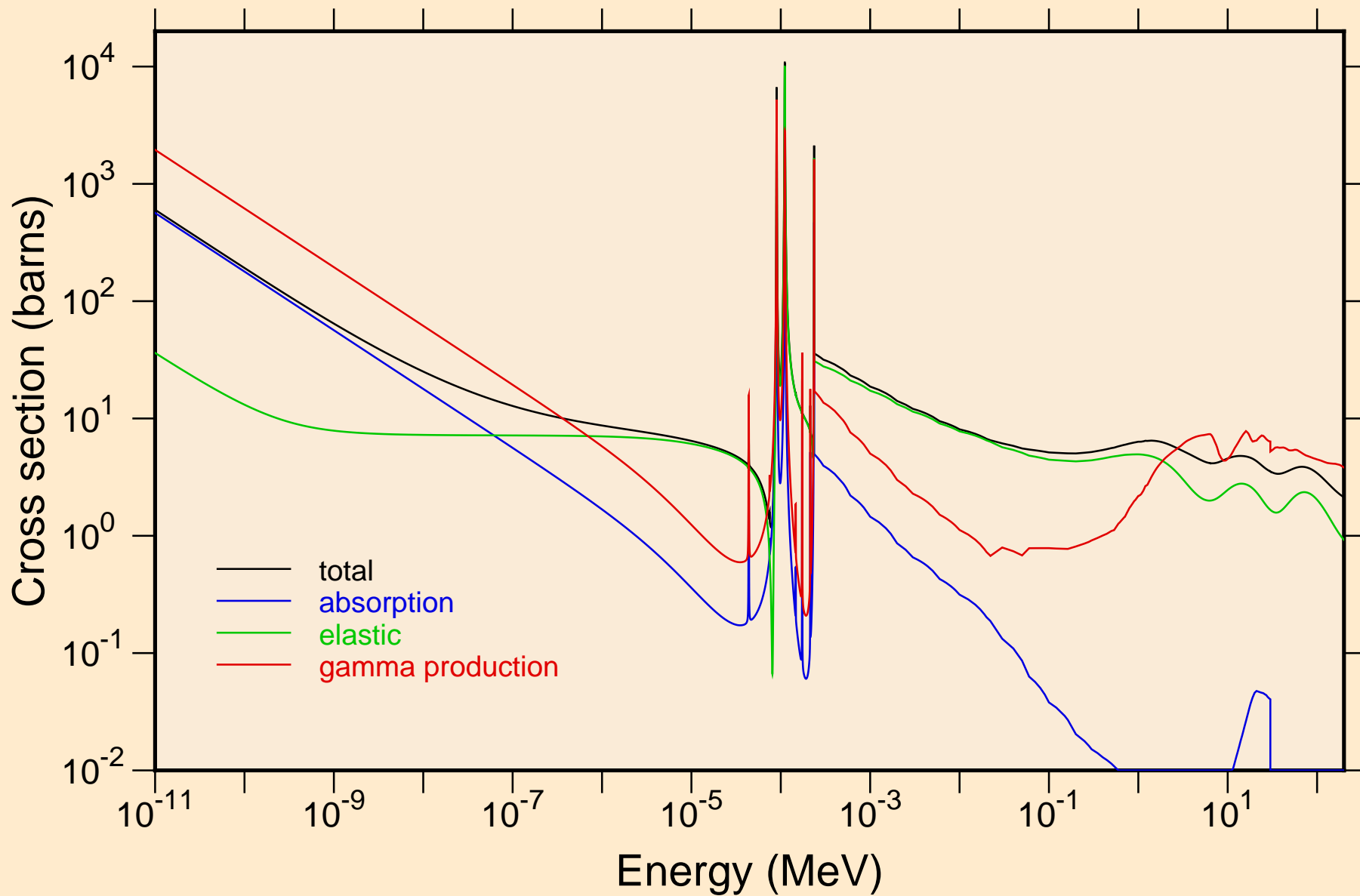
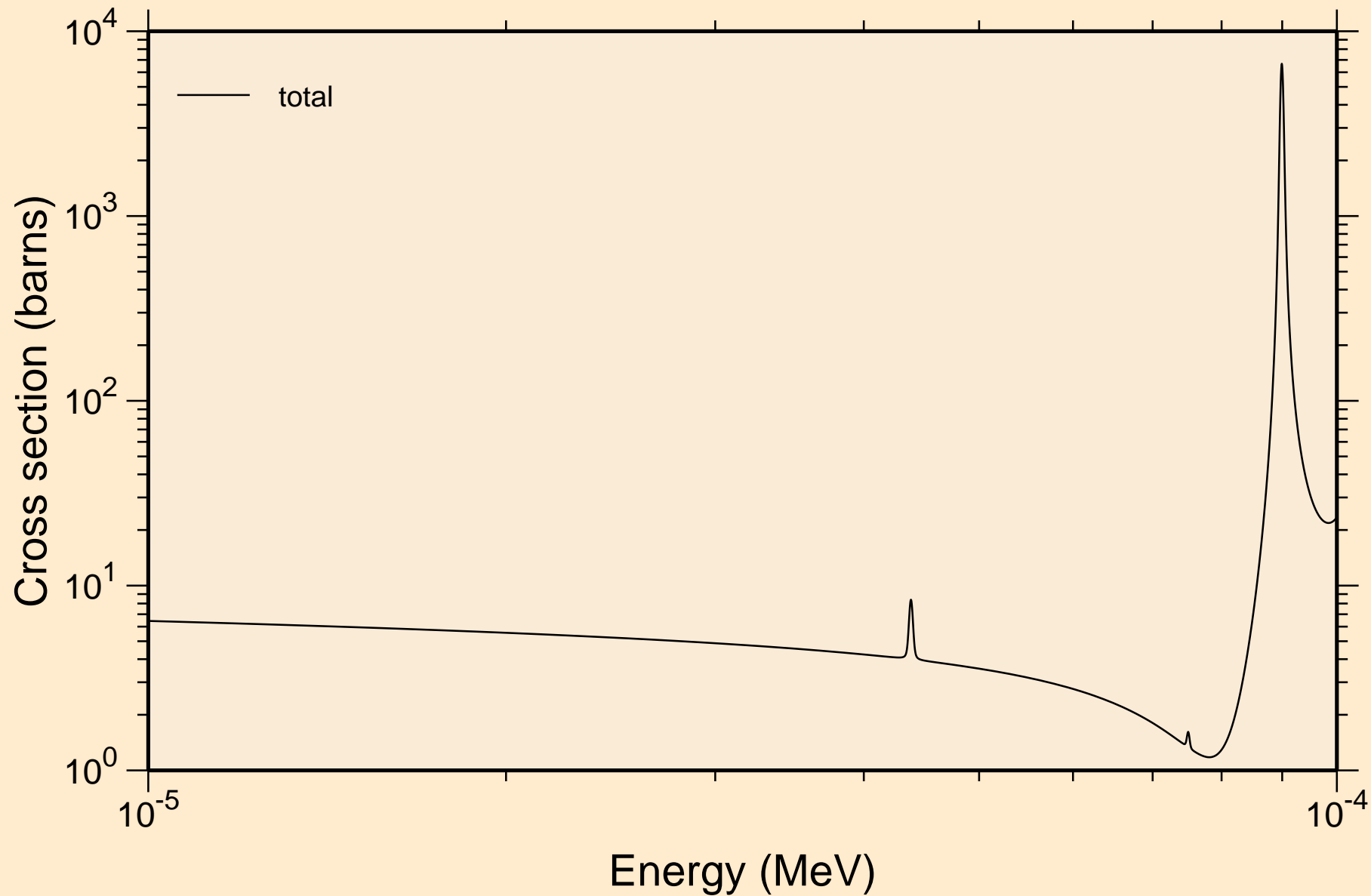


# I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

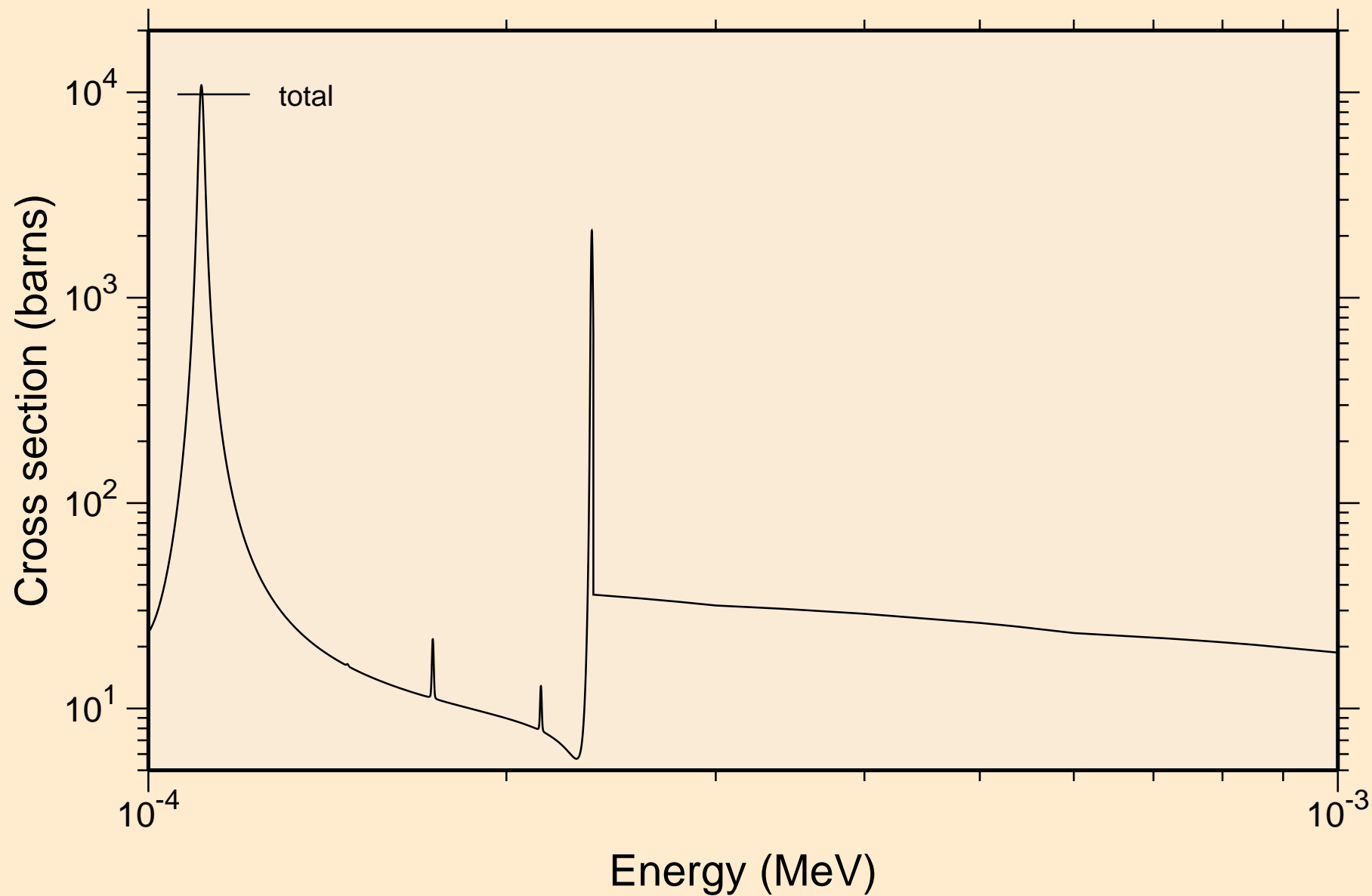
## Principal cross sections



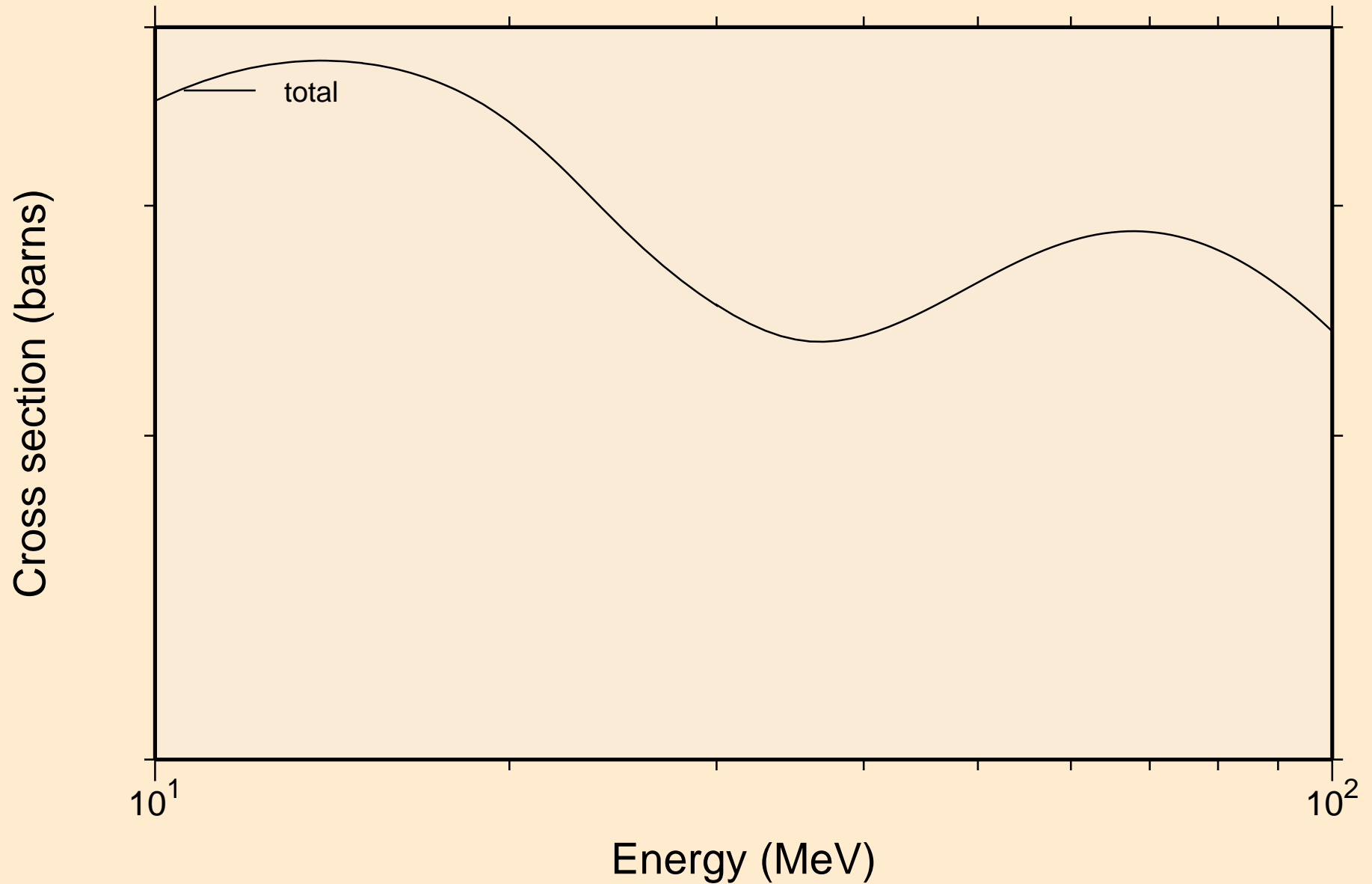
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



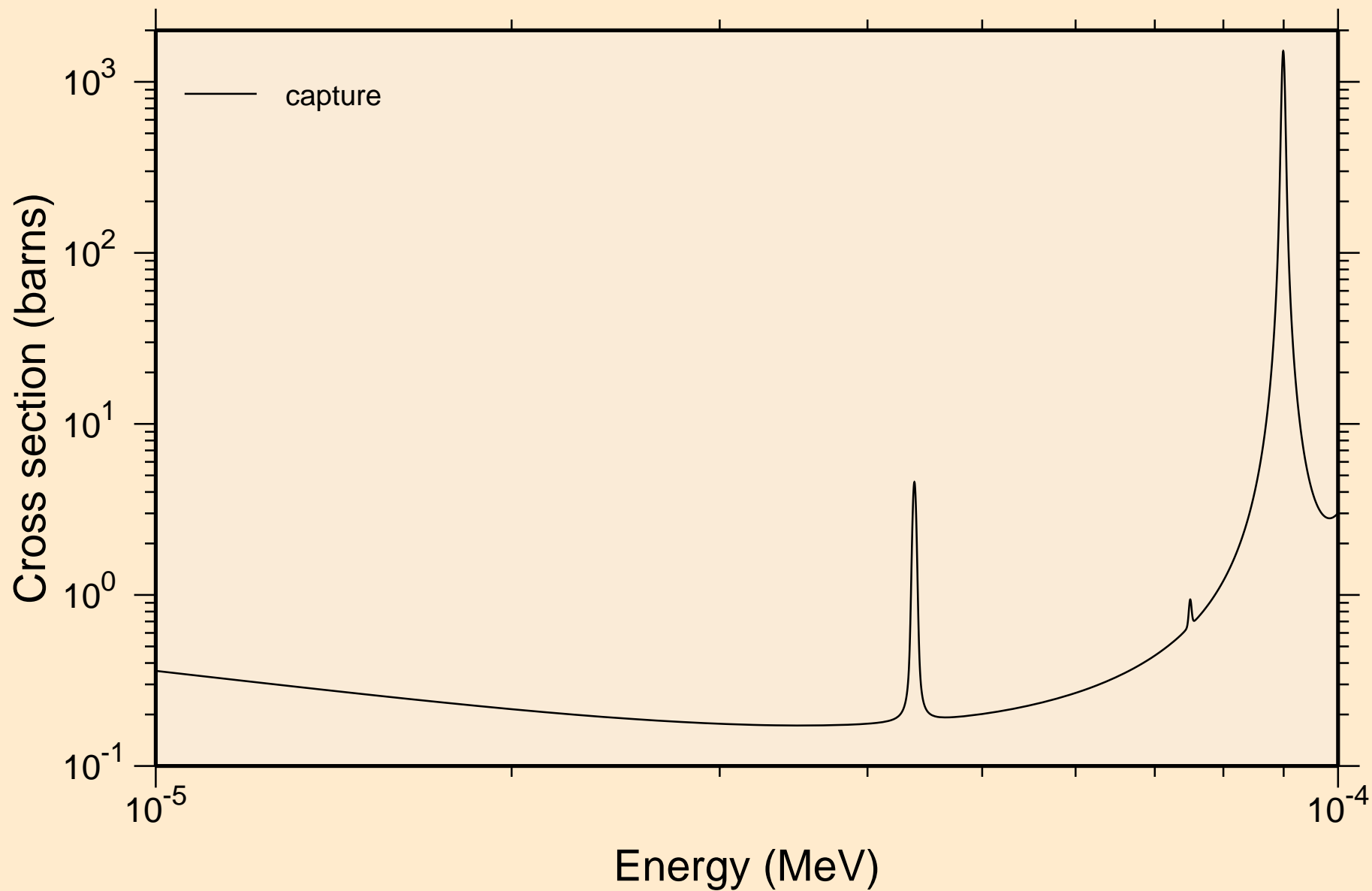
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



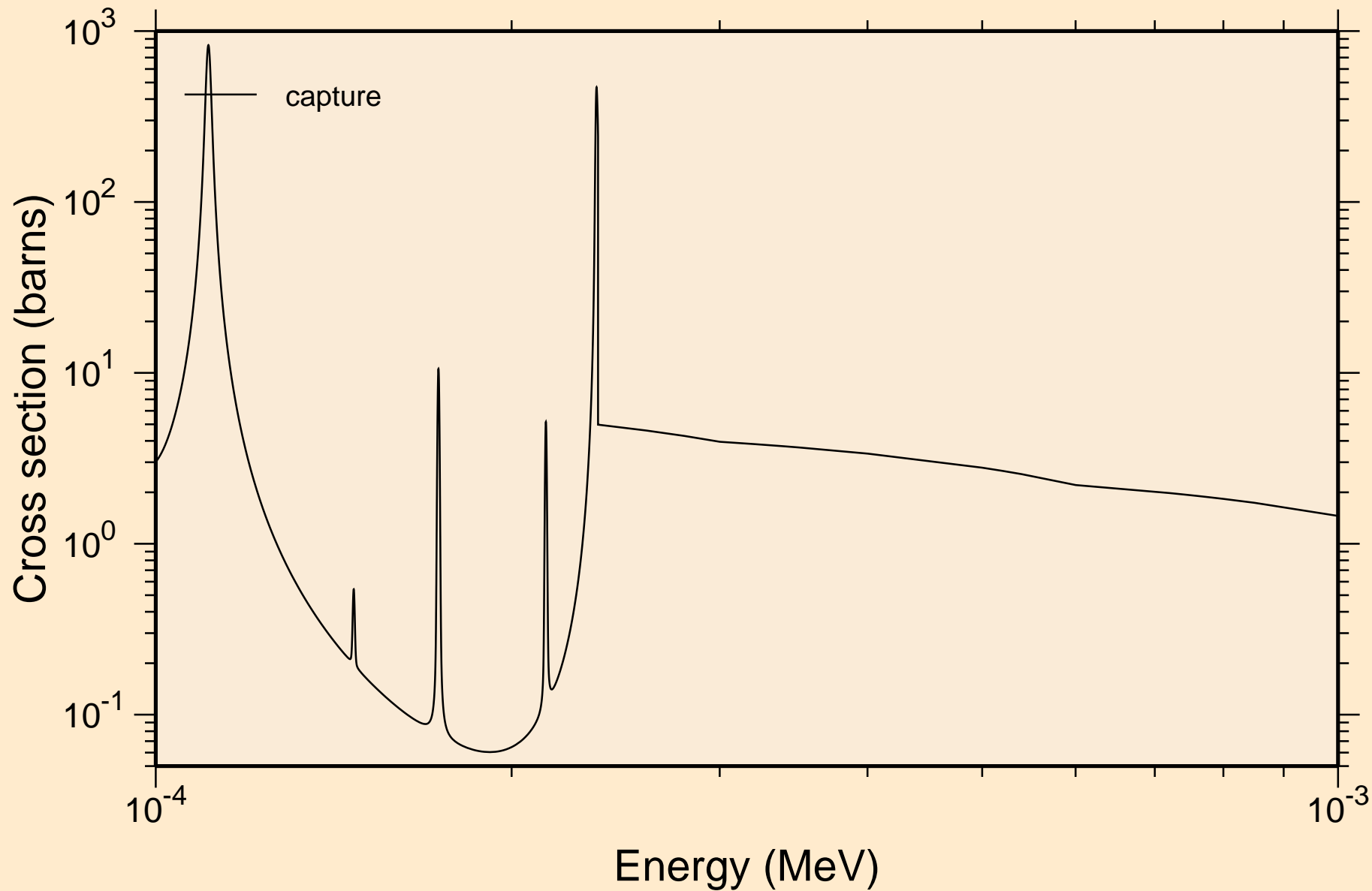
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



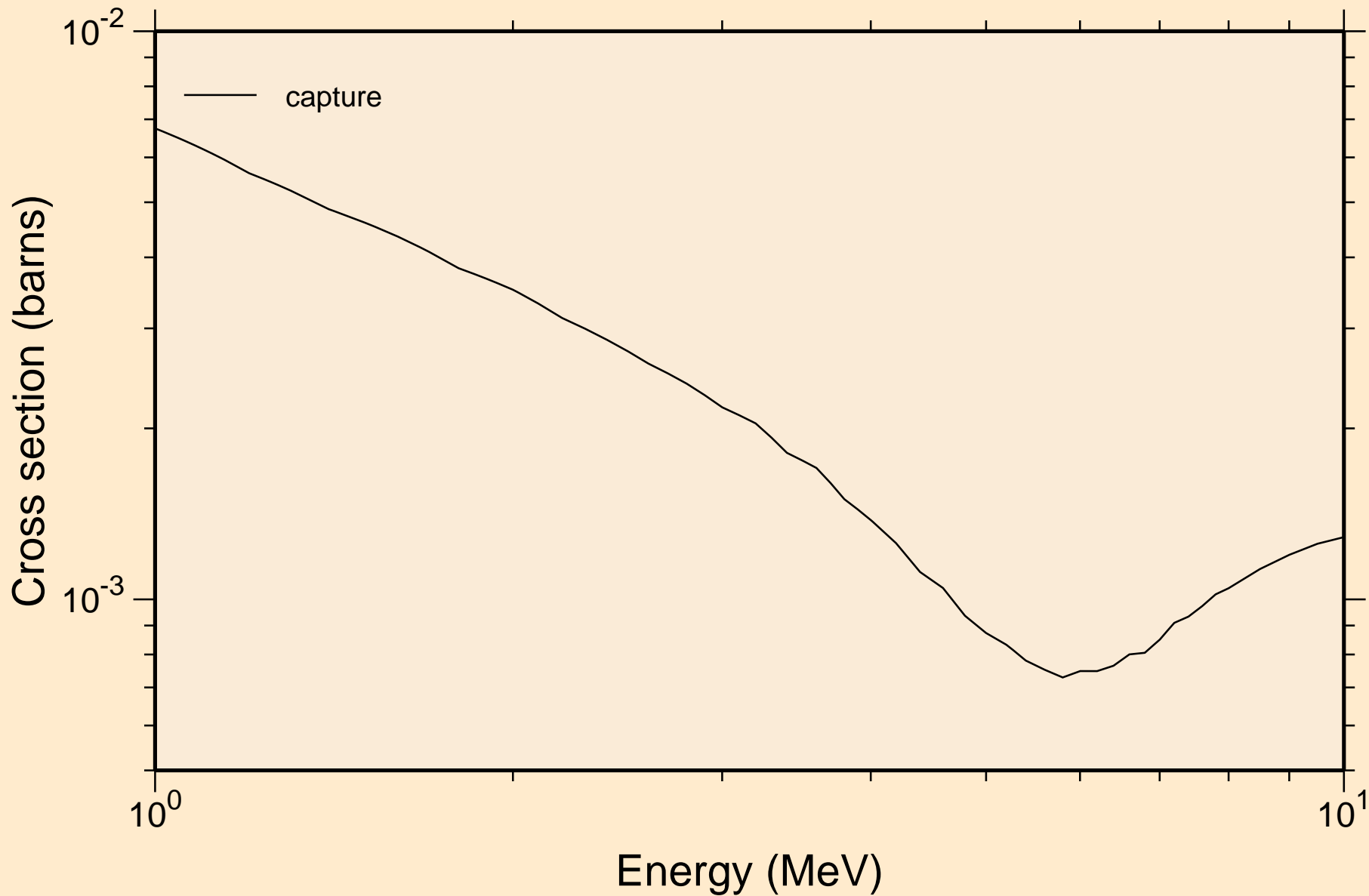
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



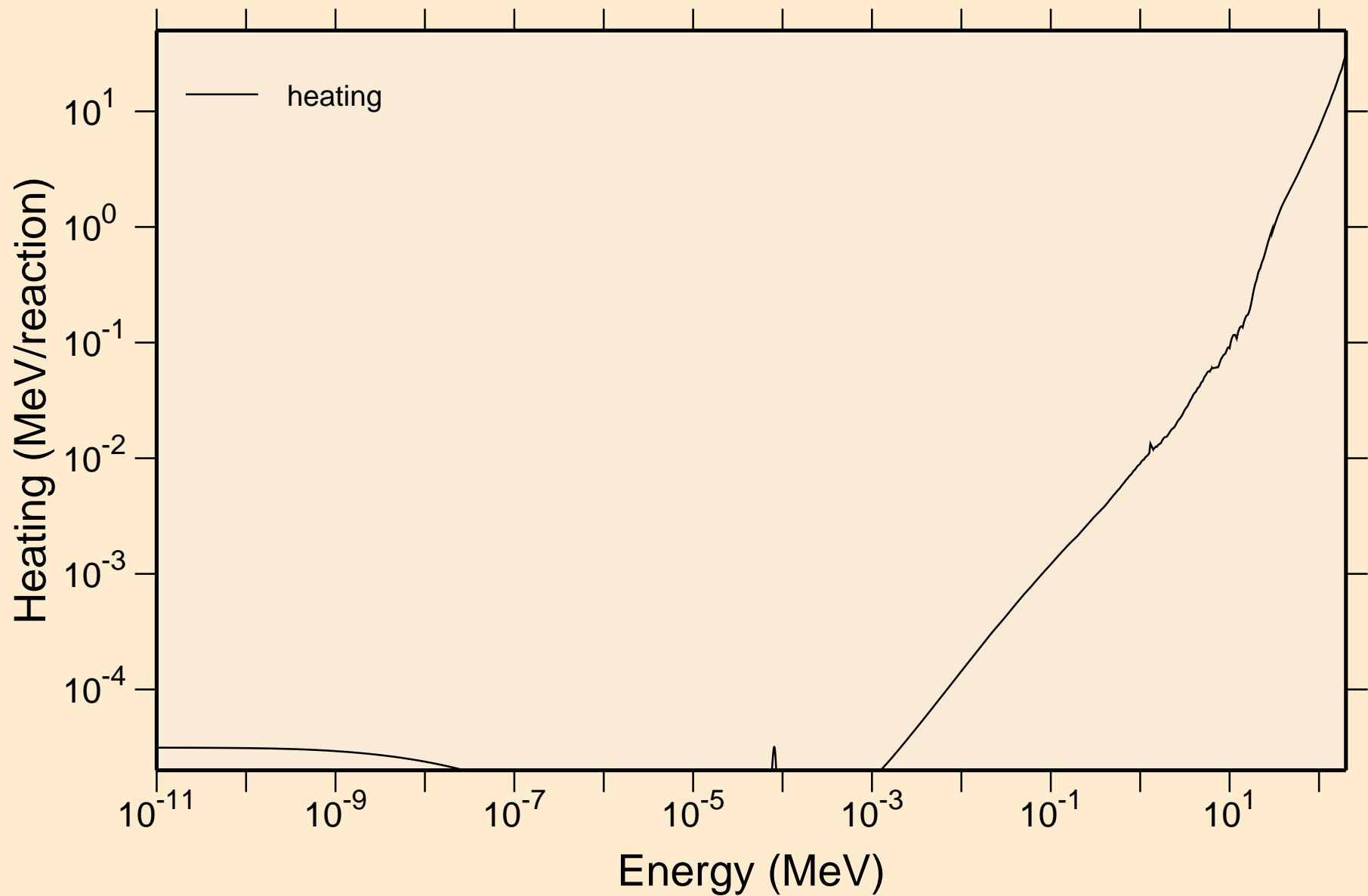
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

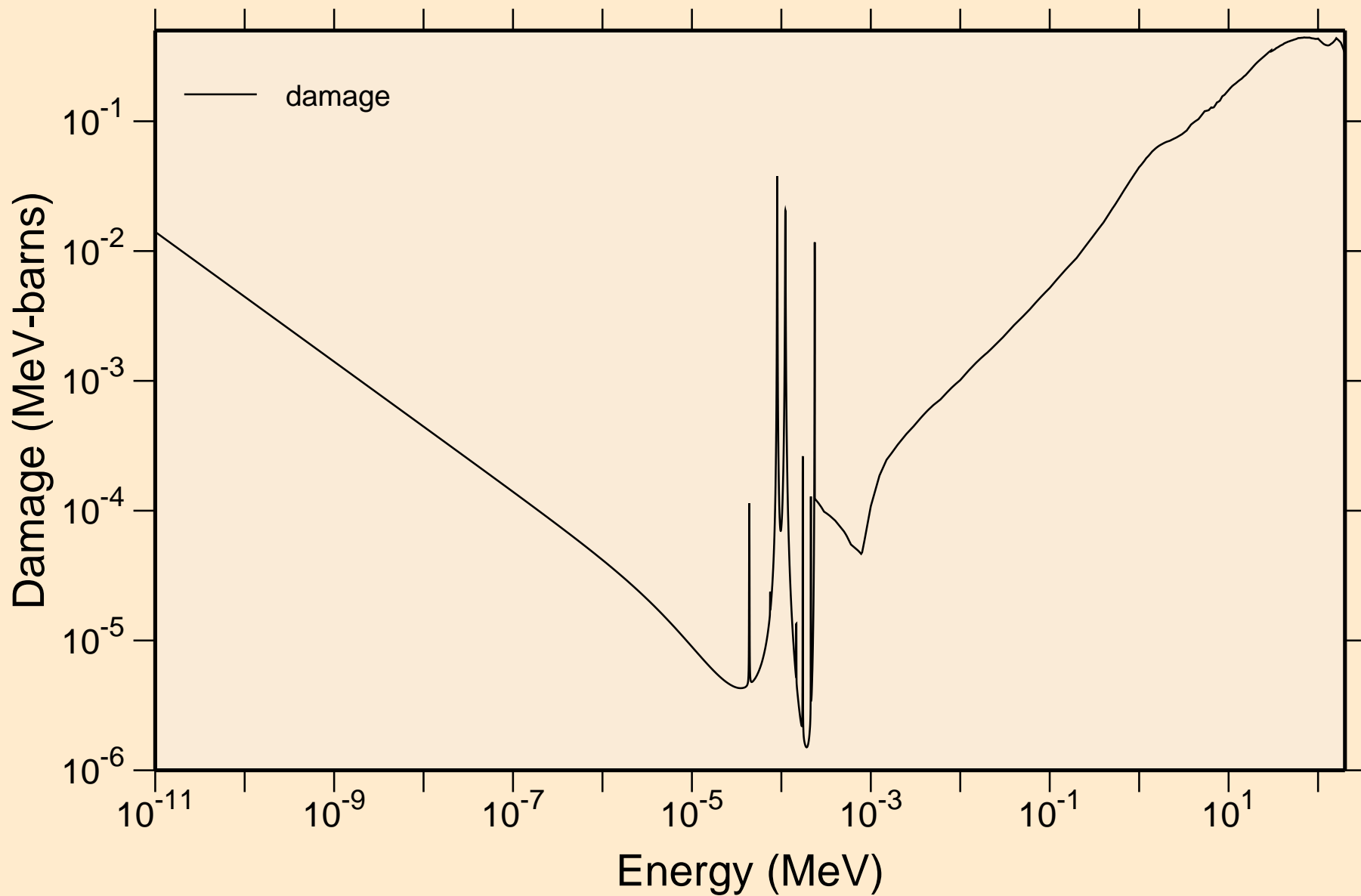


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

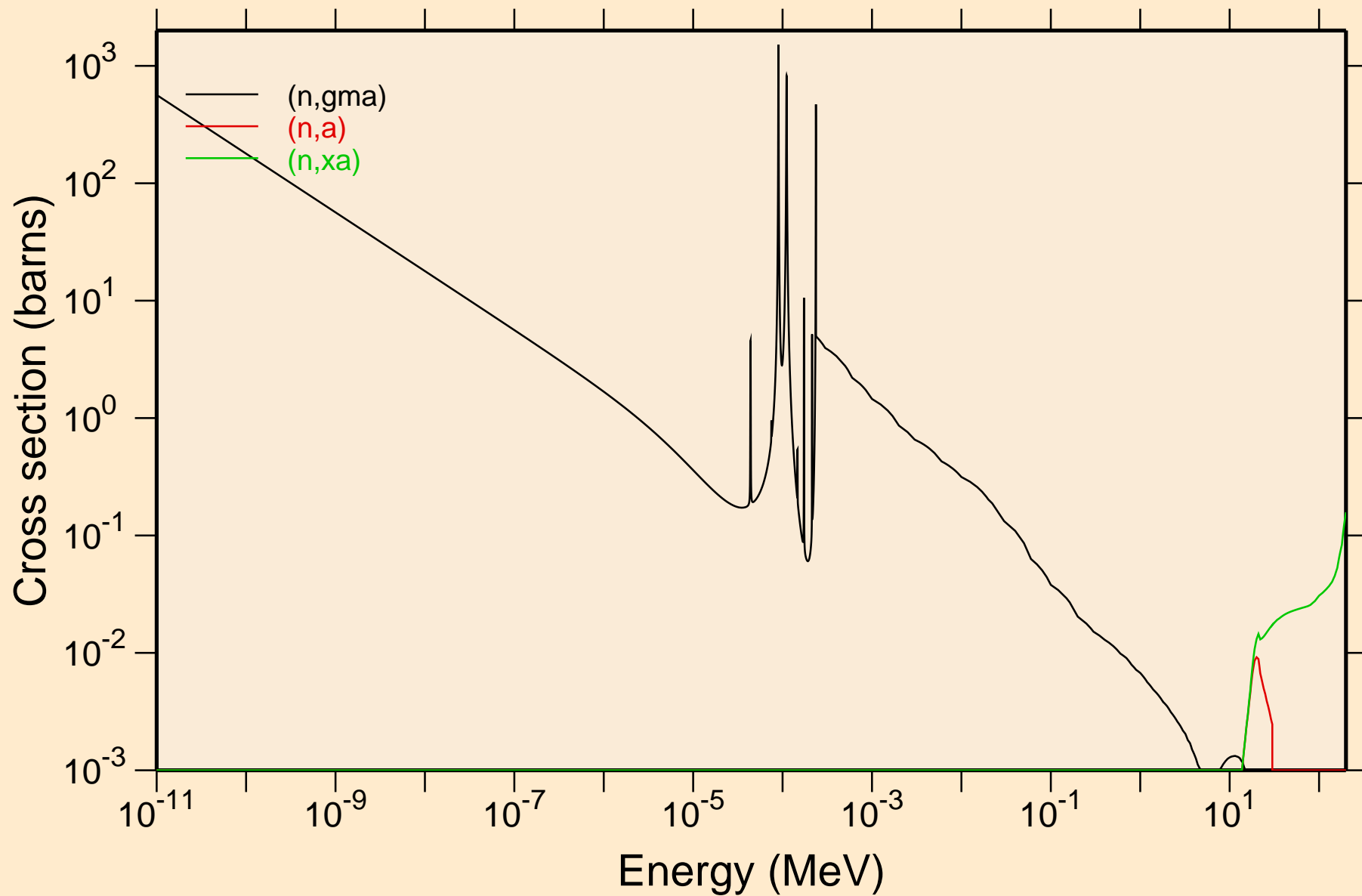




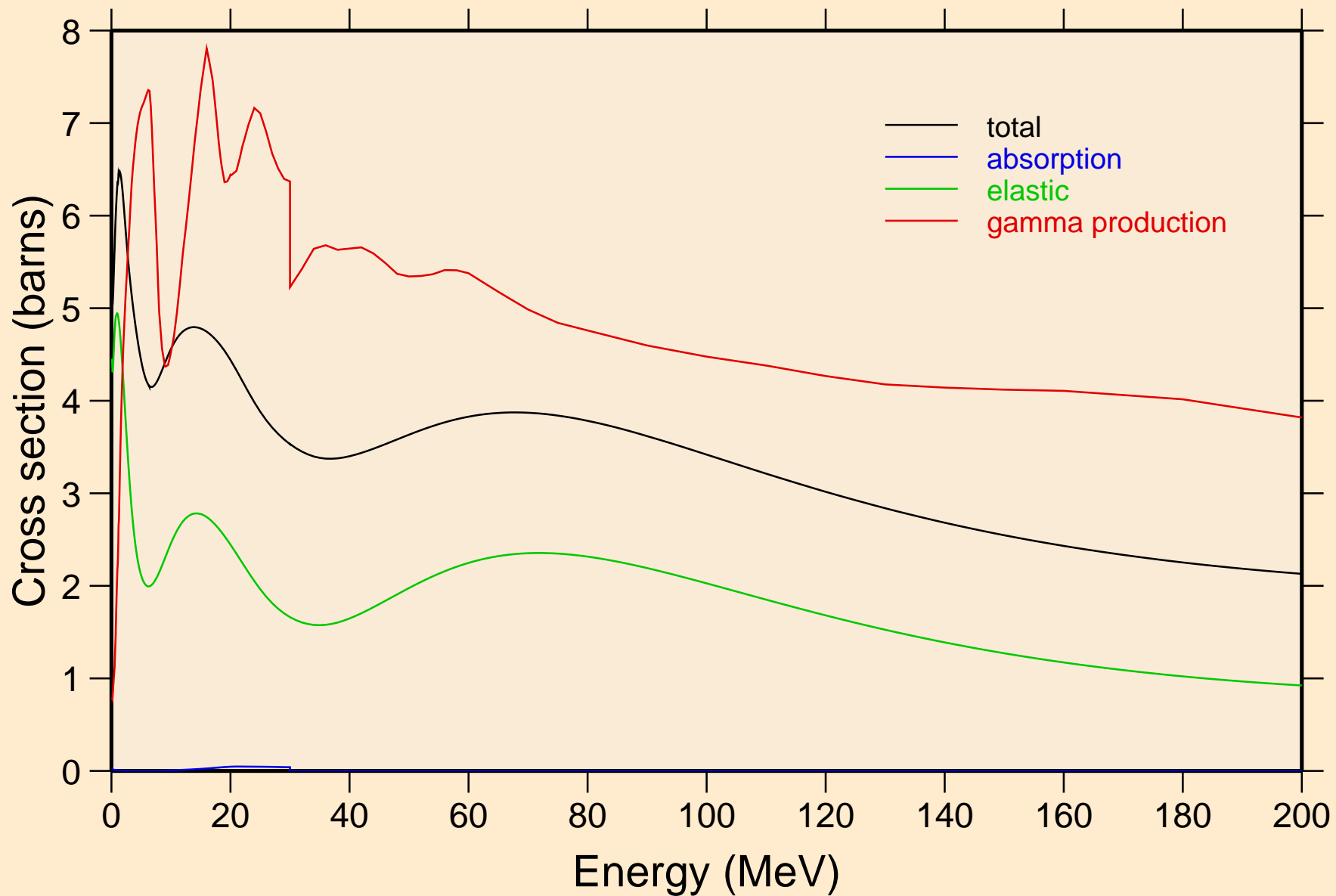
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



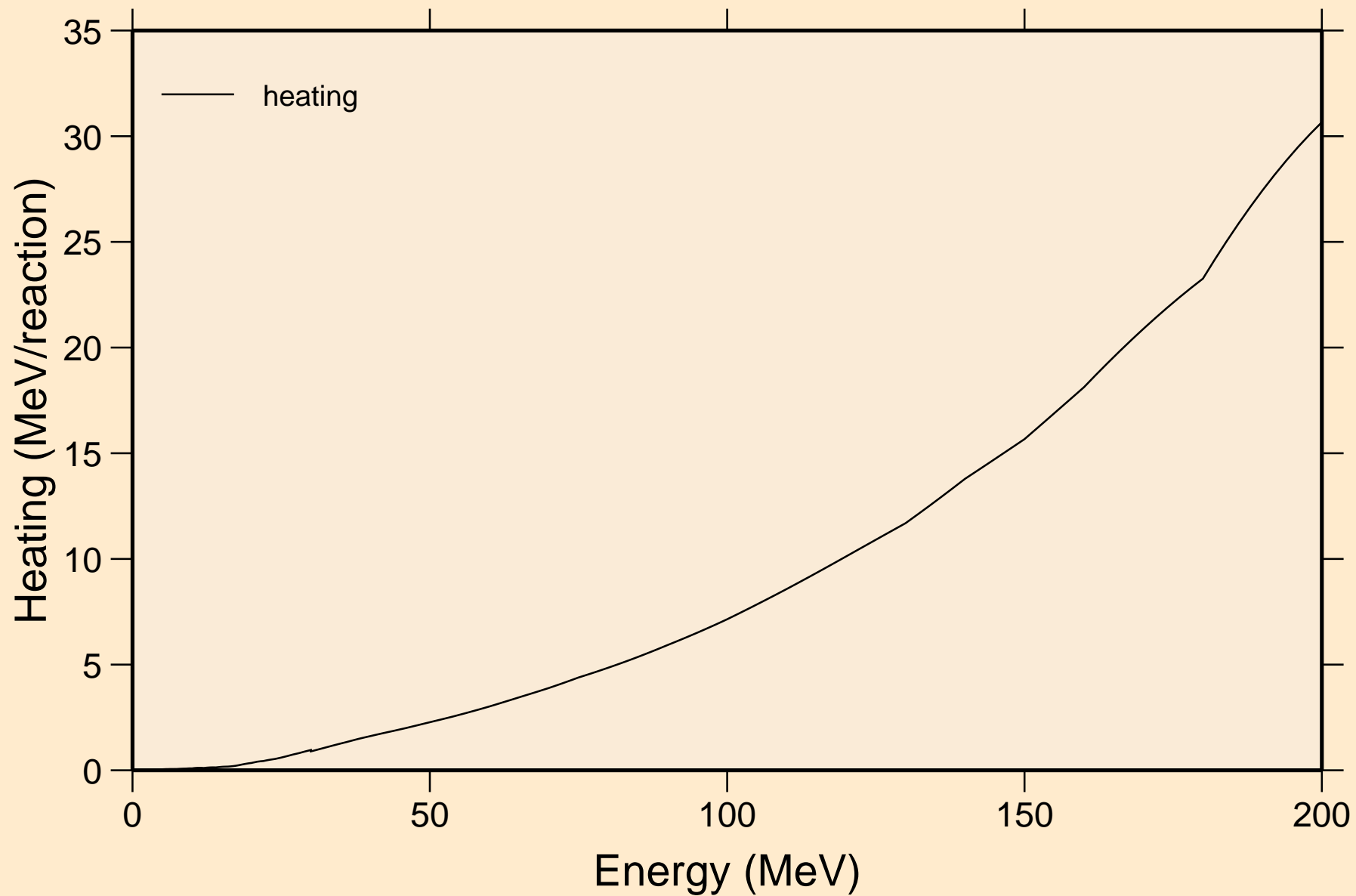
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



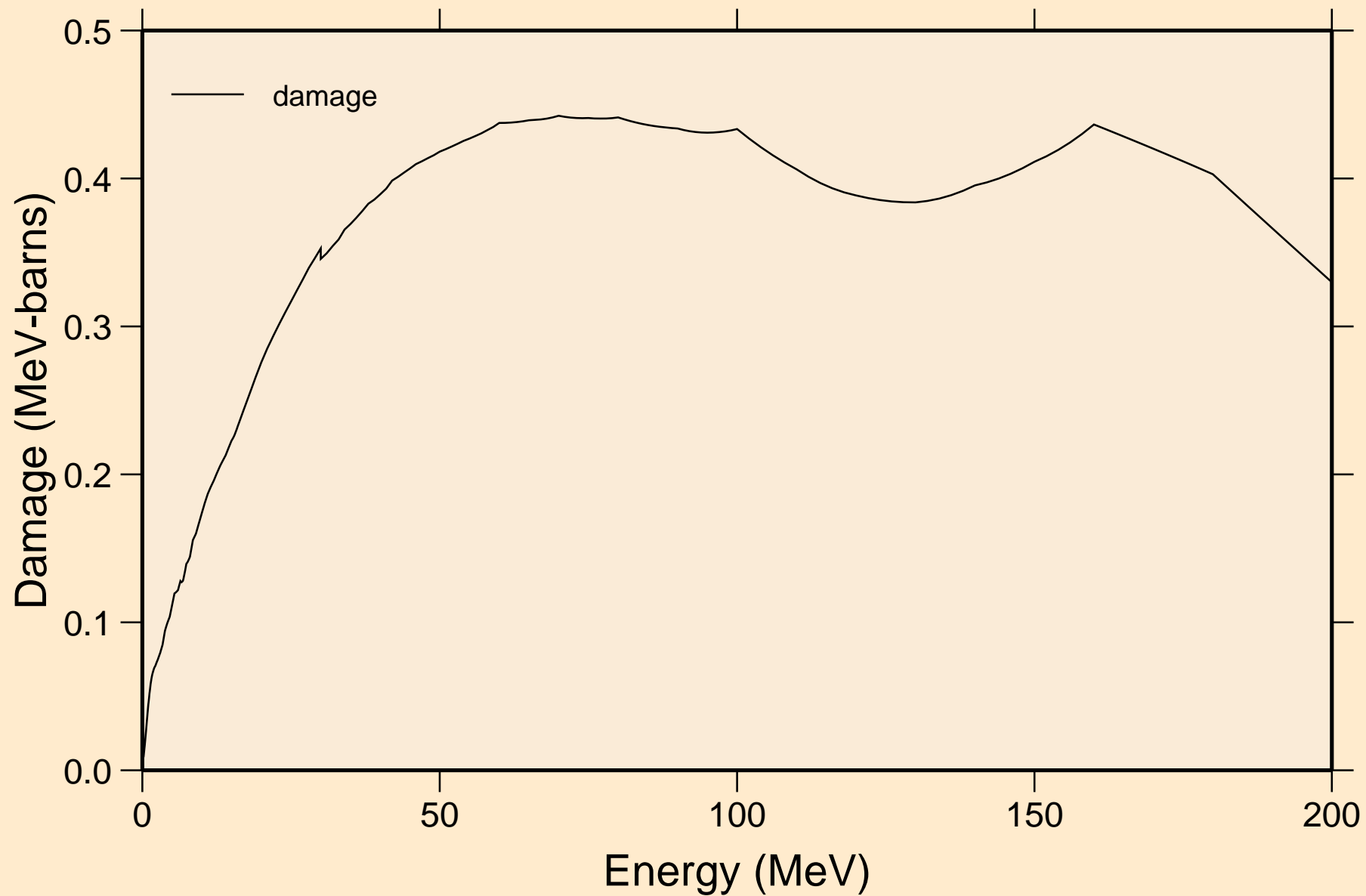
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



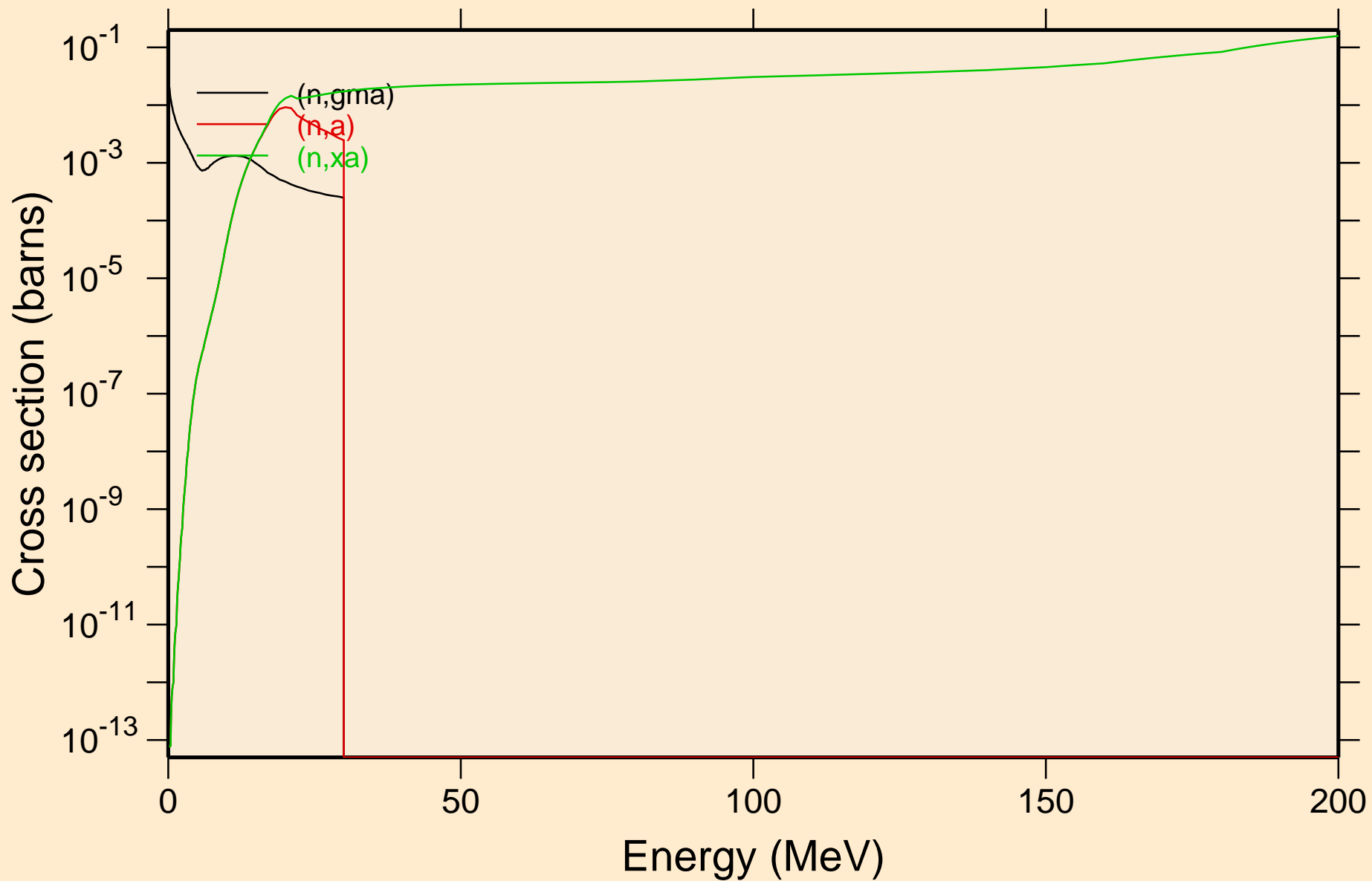
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



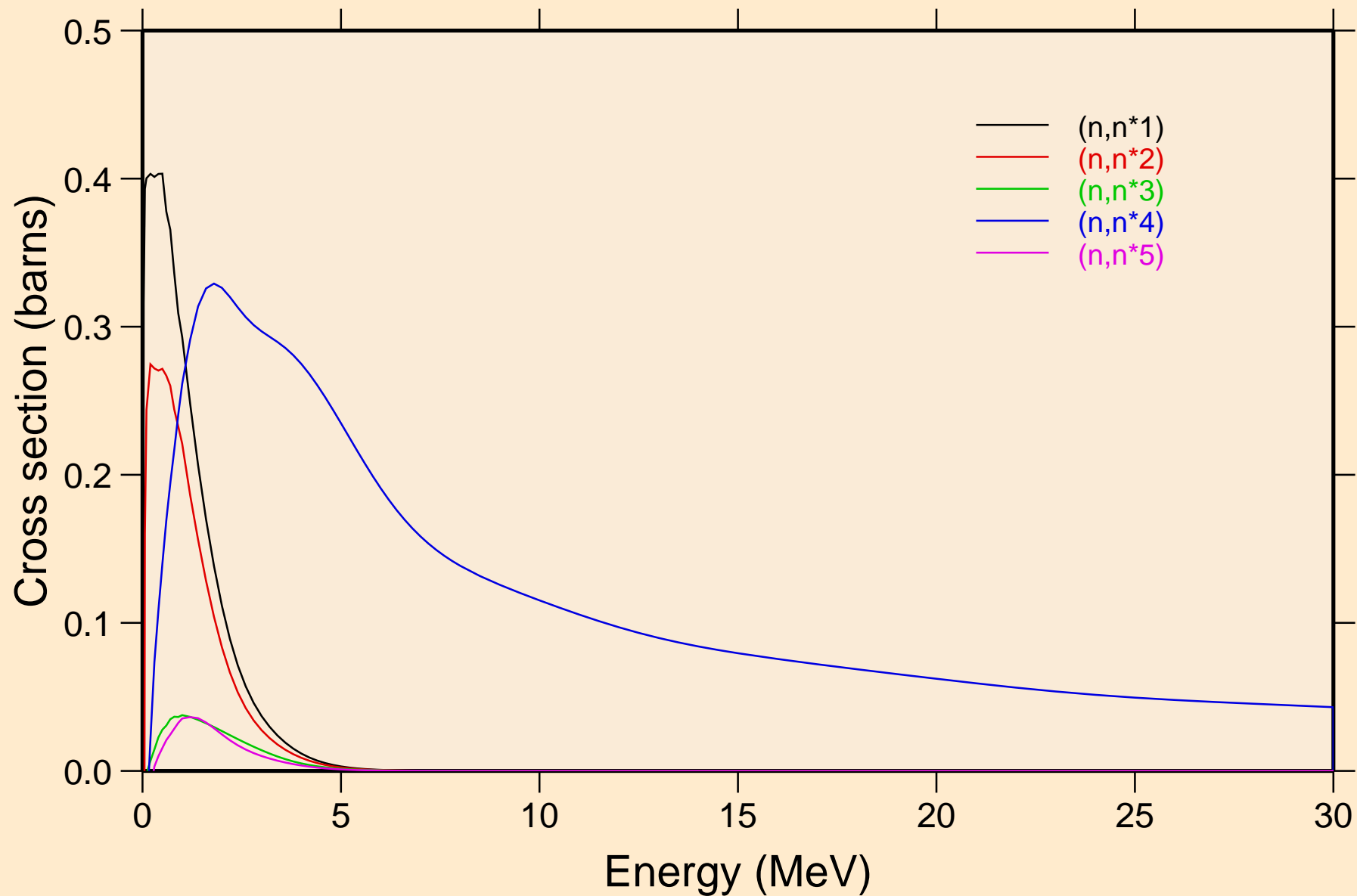
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



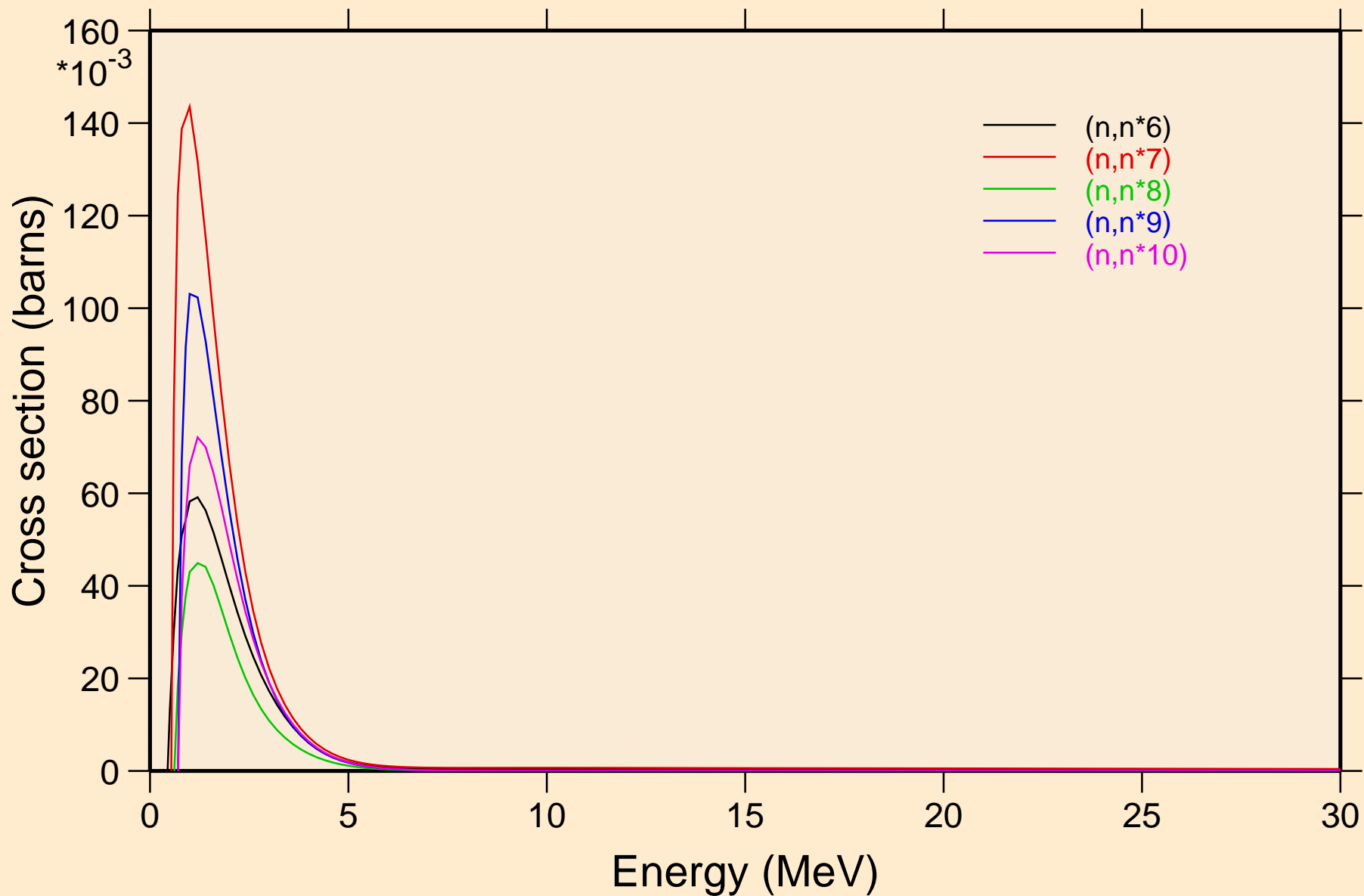
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

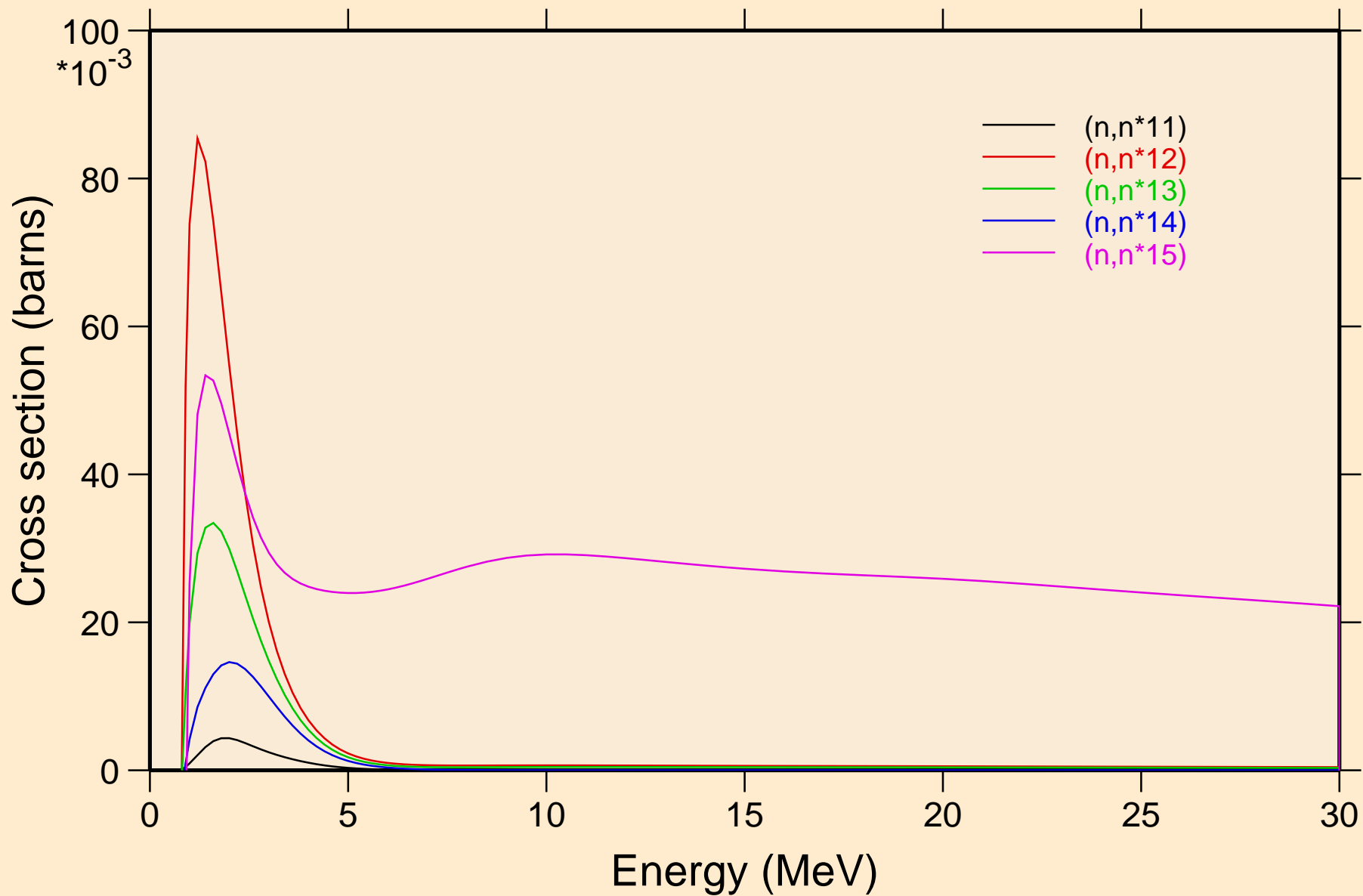


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

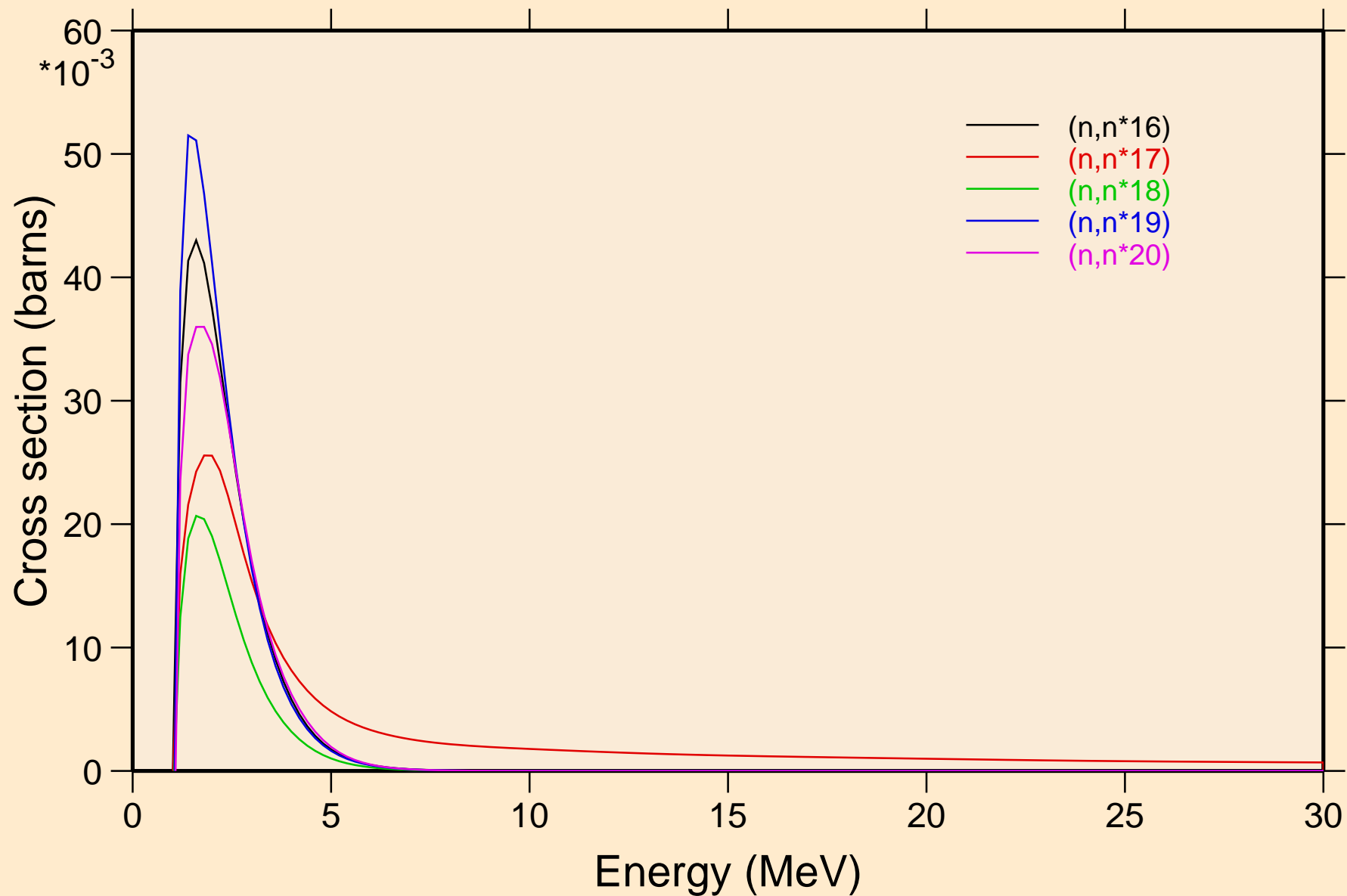




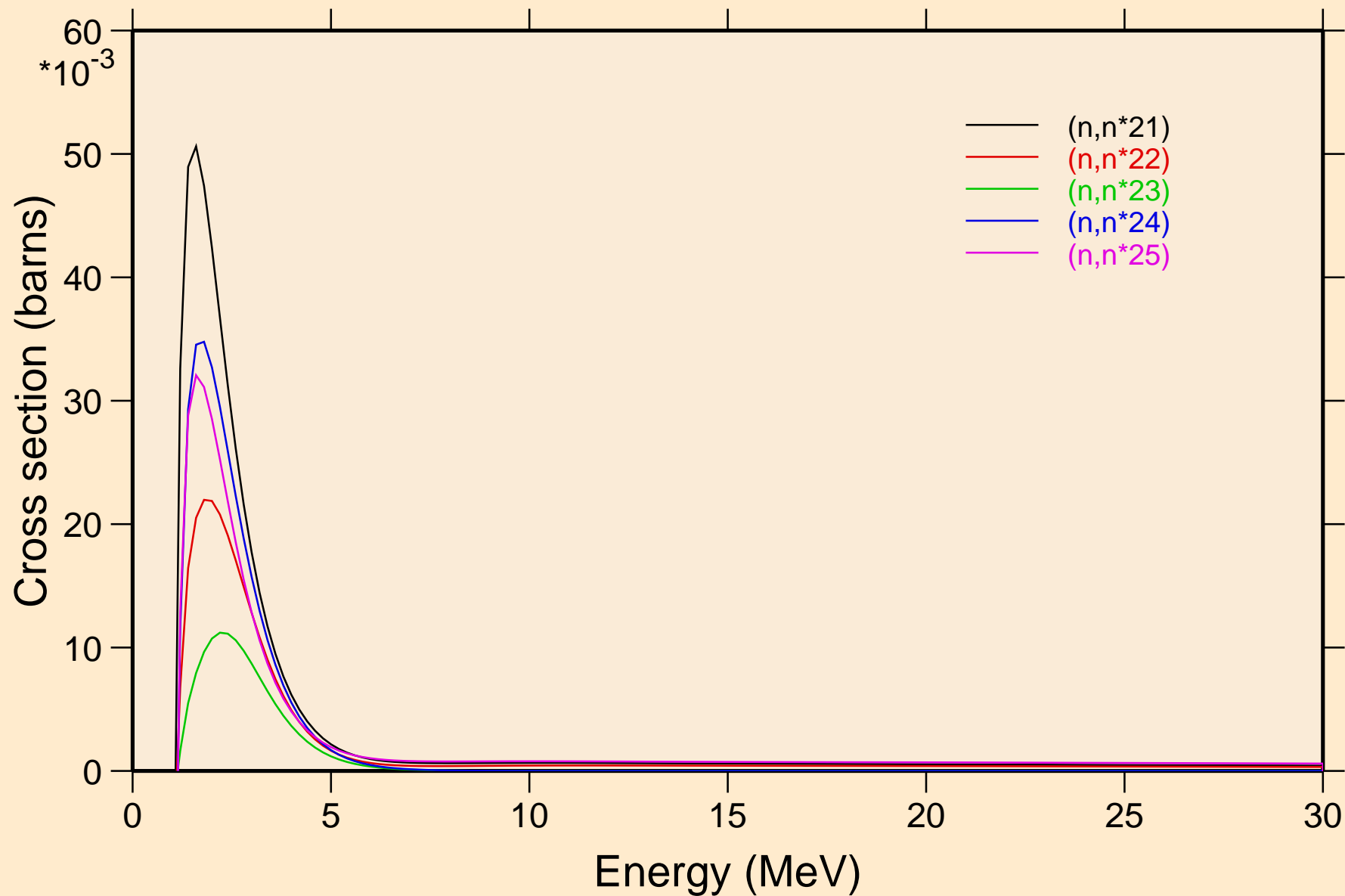
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



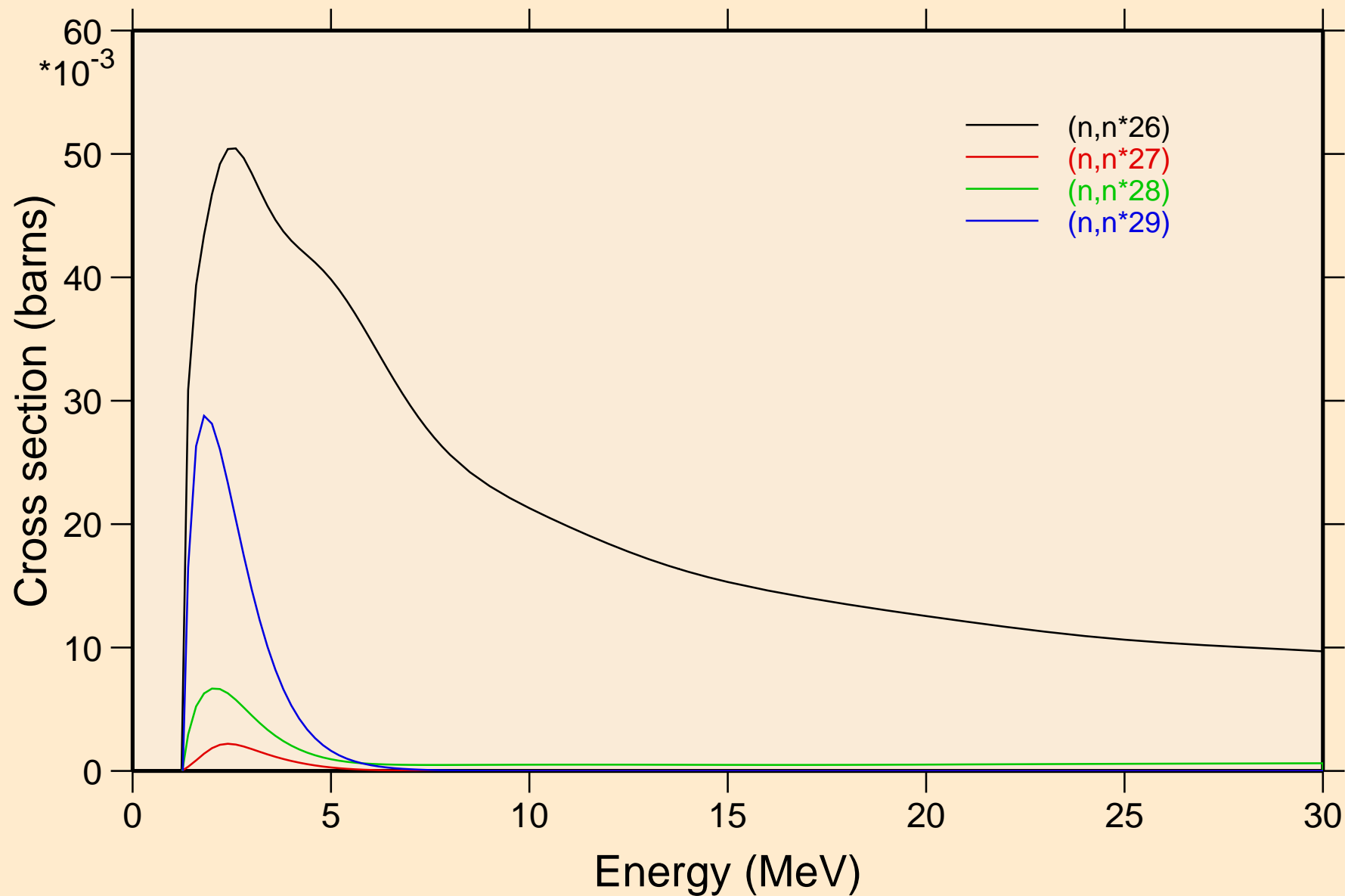
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



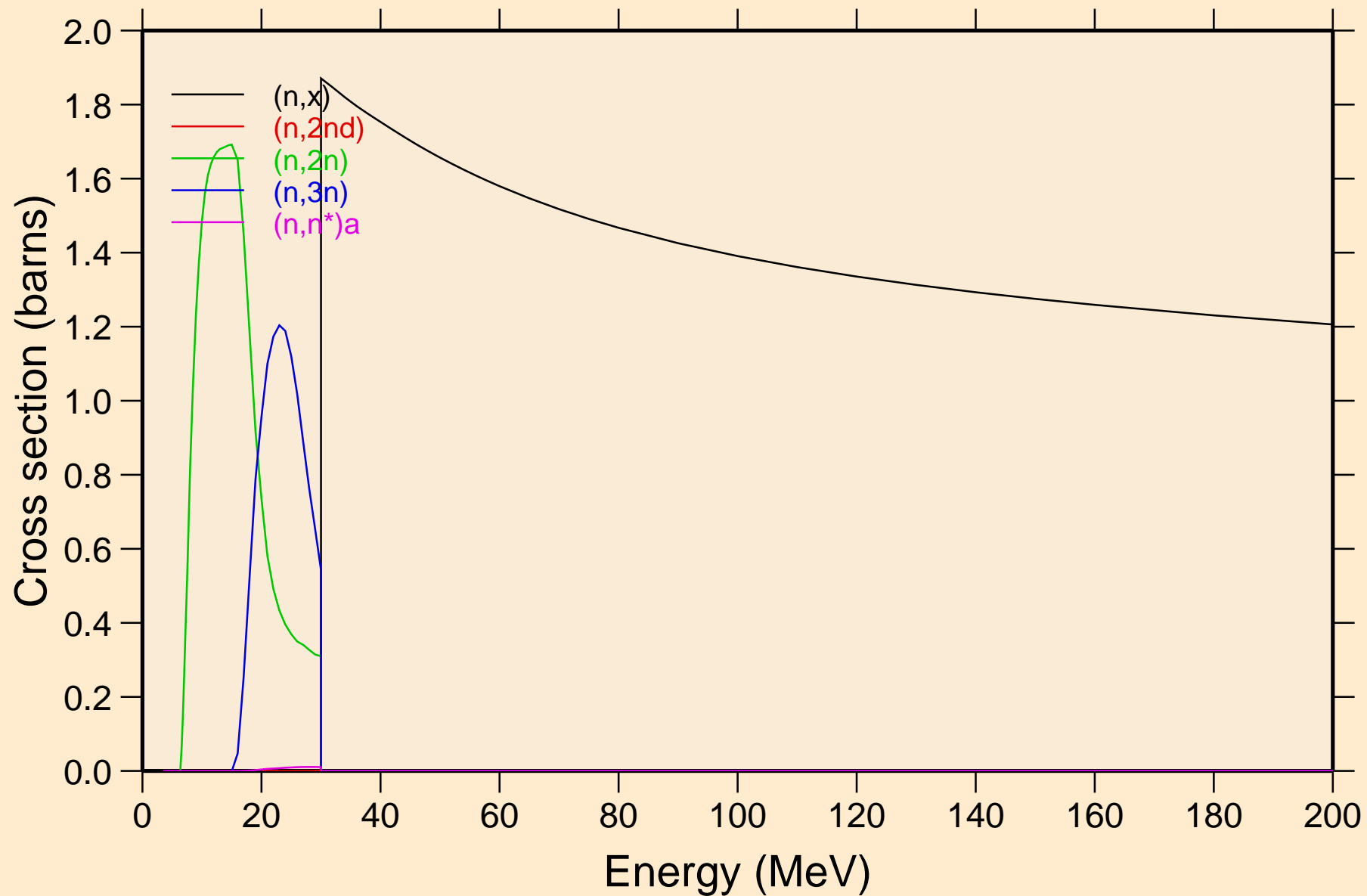
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



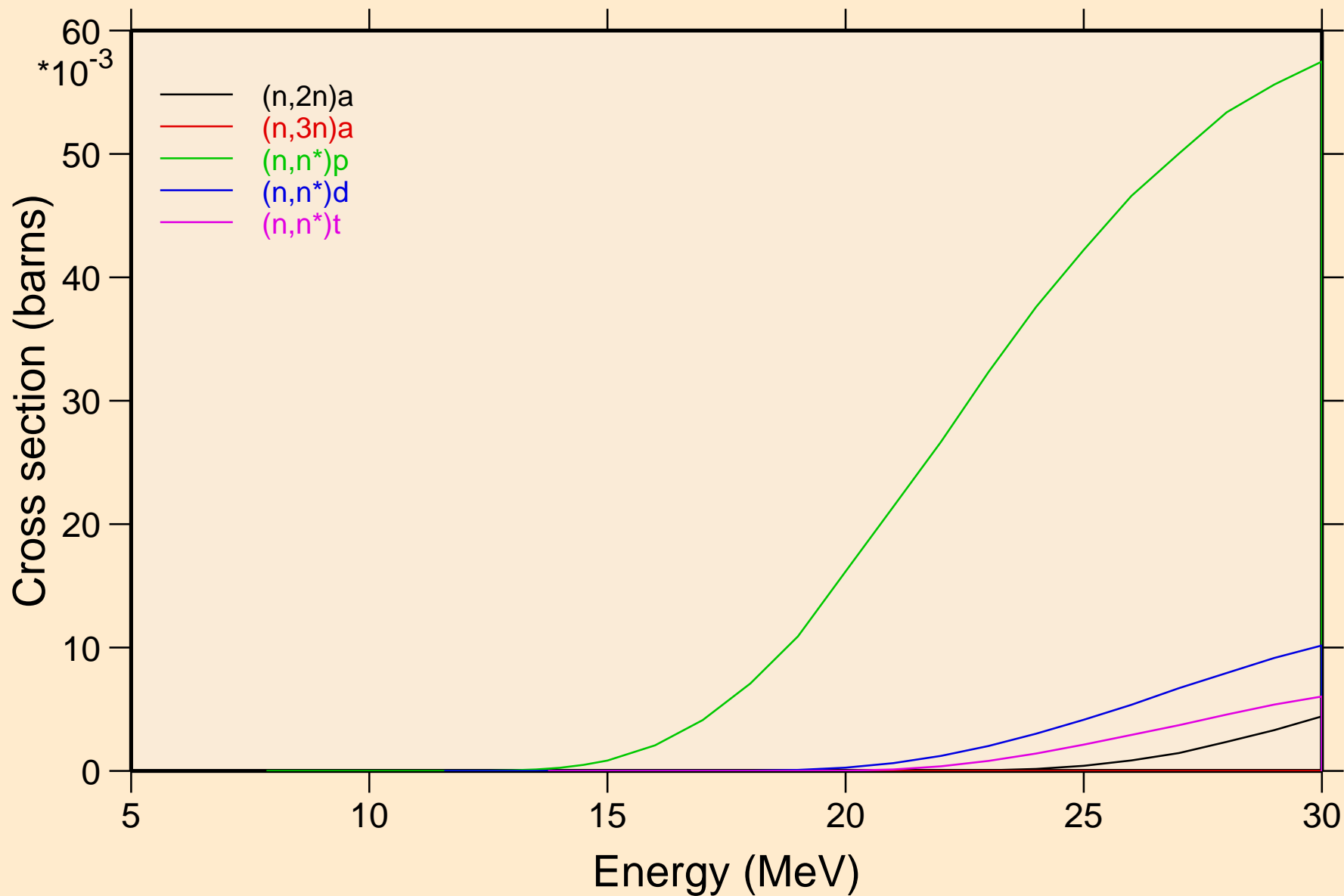
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



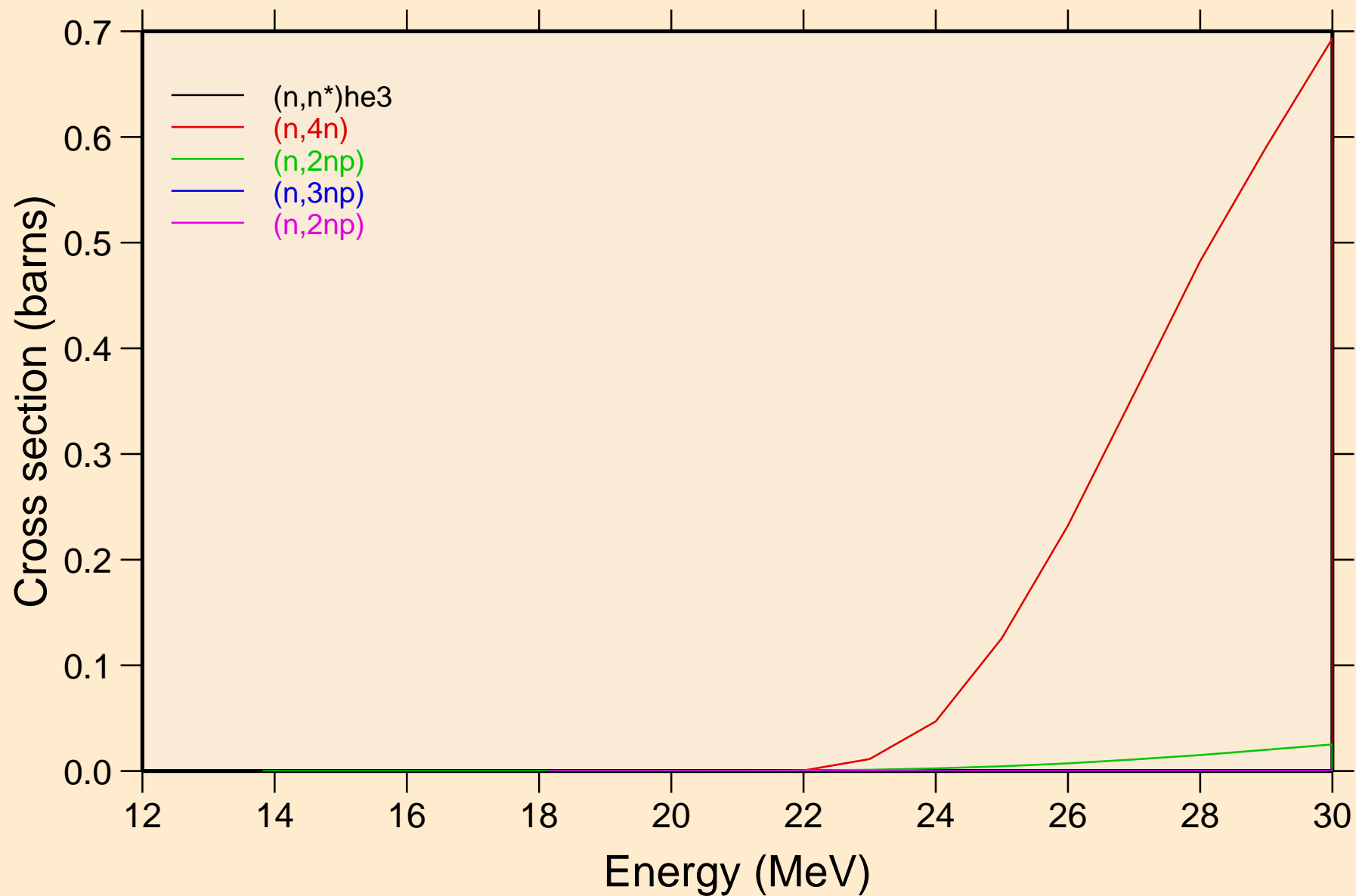
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

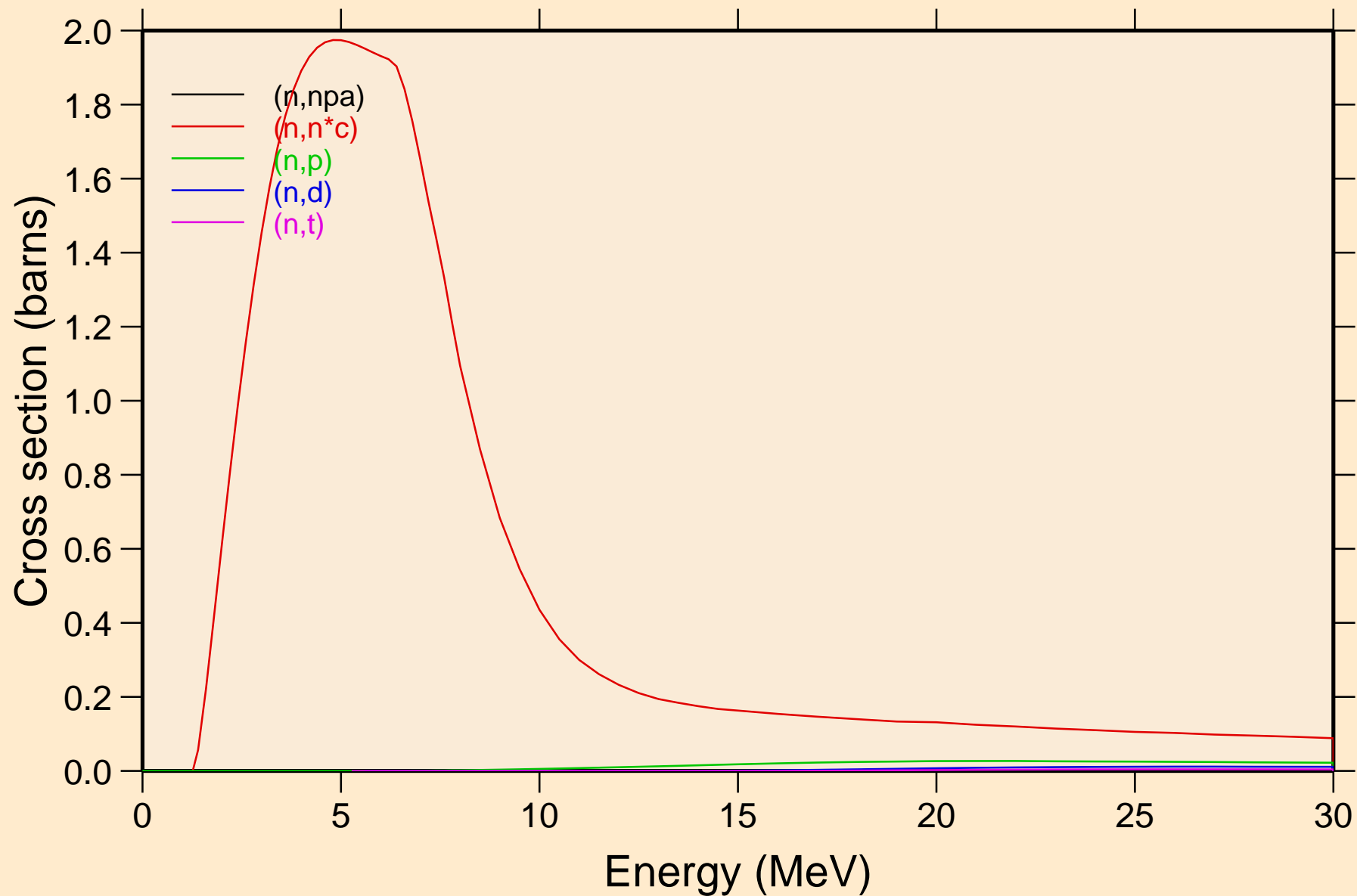


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



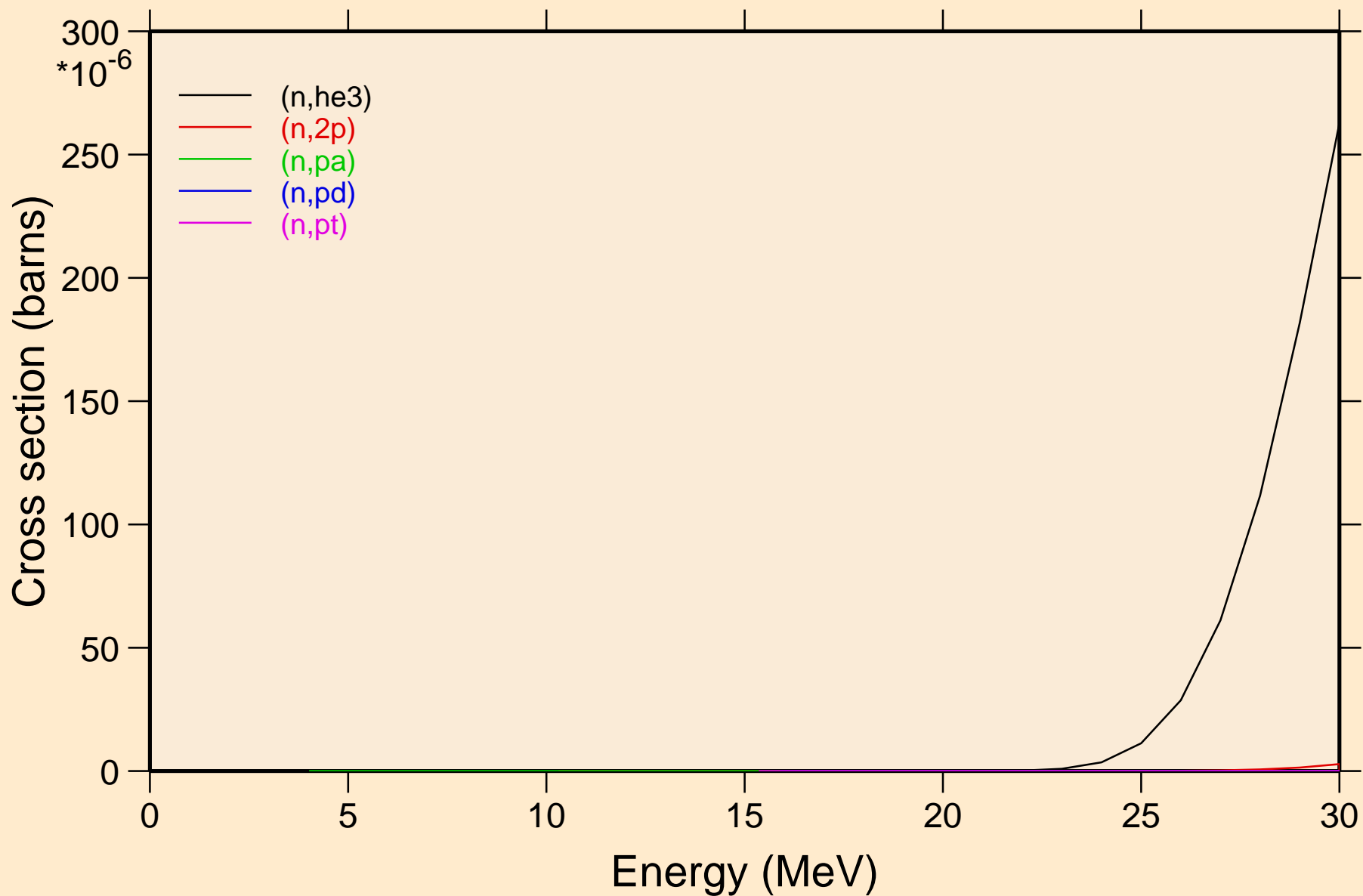
# I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

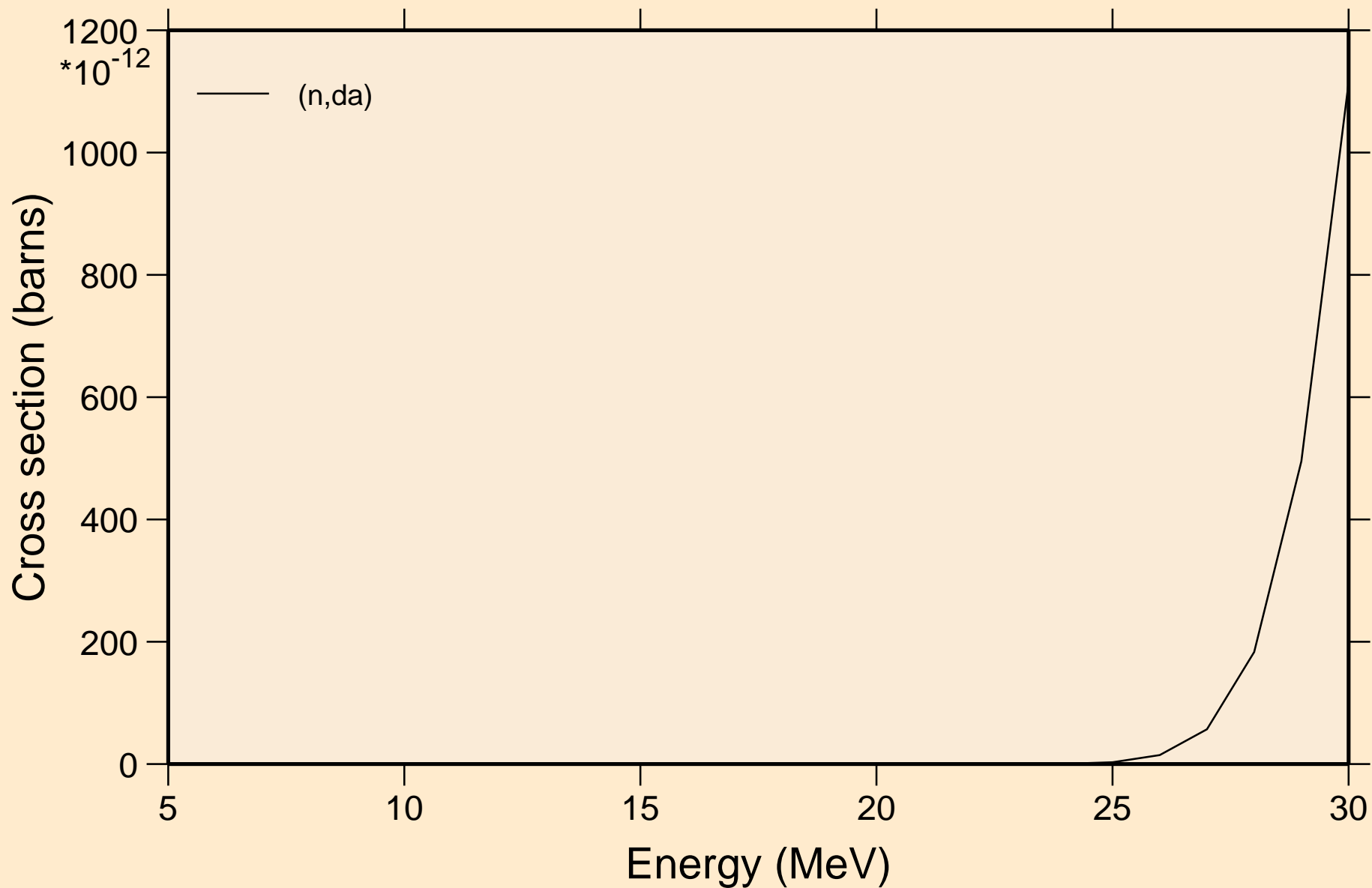




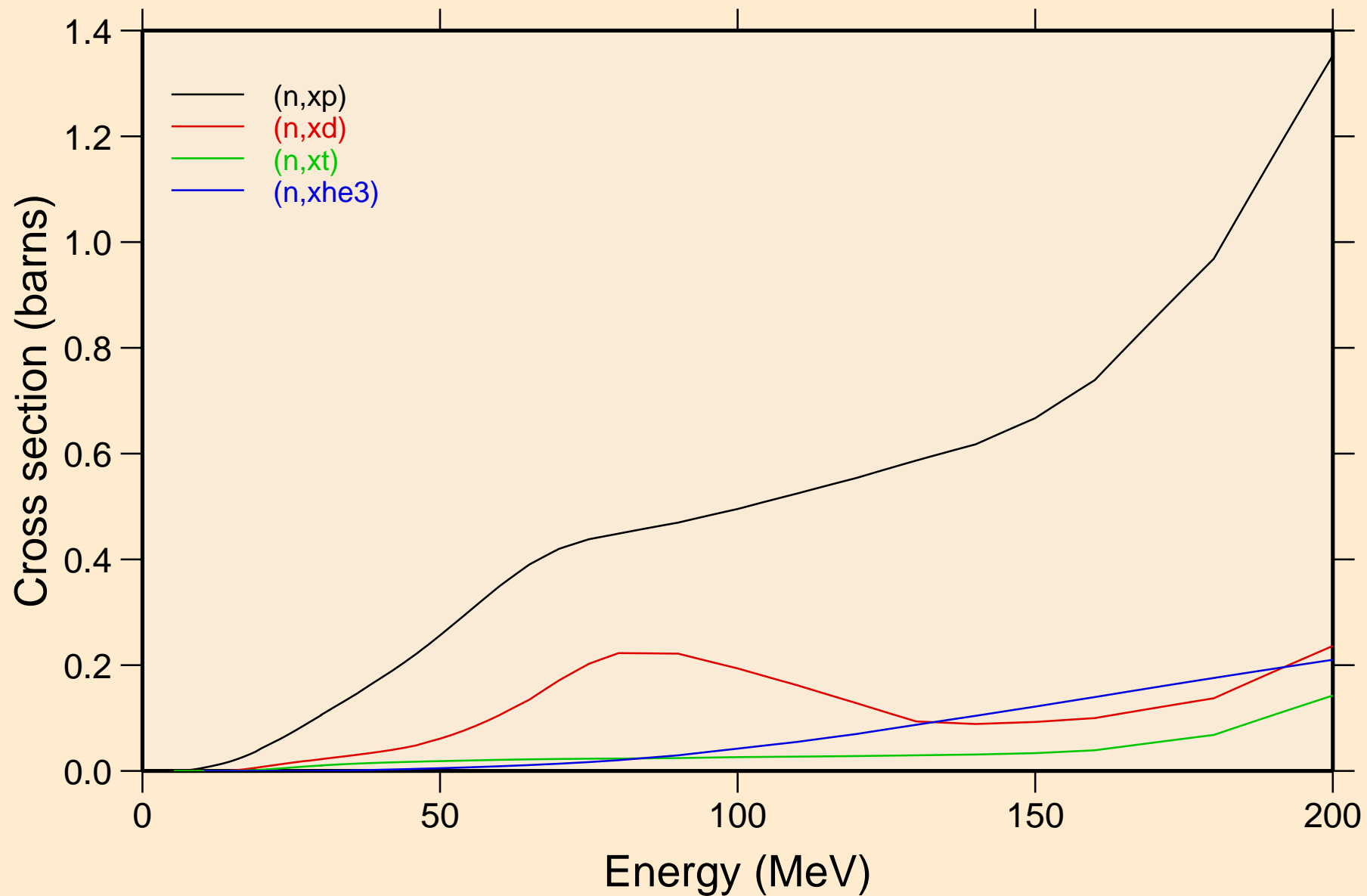
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



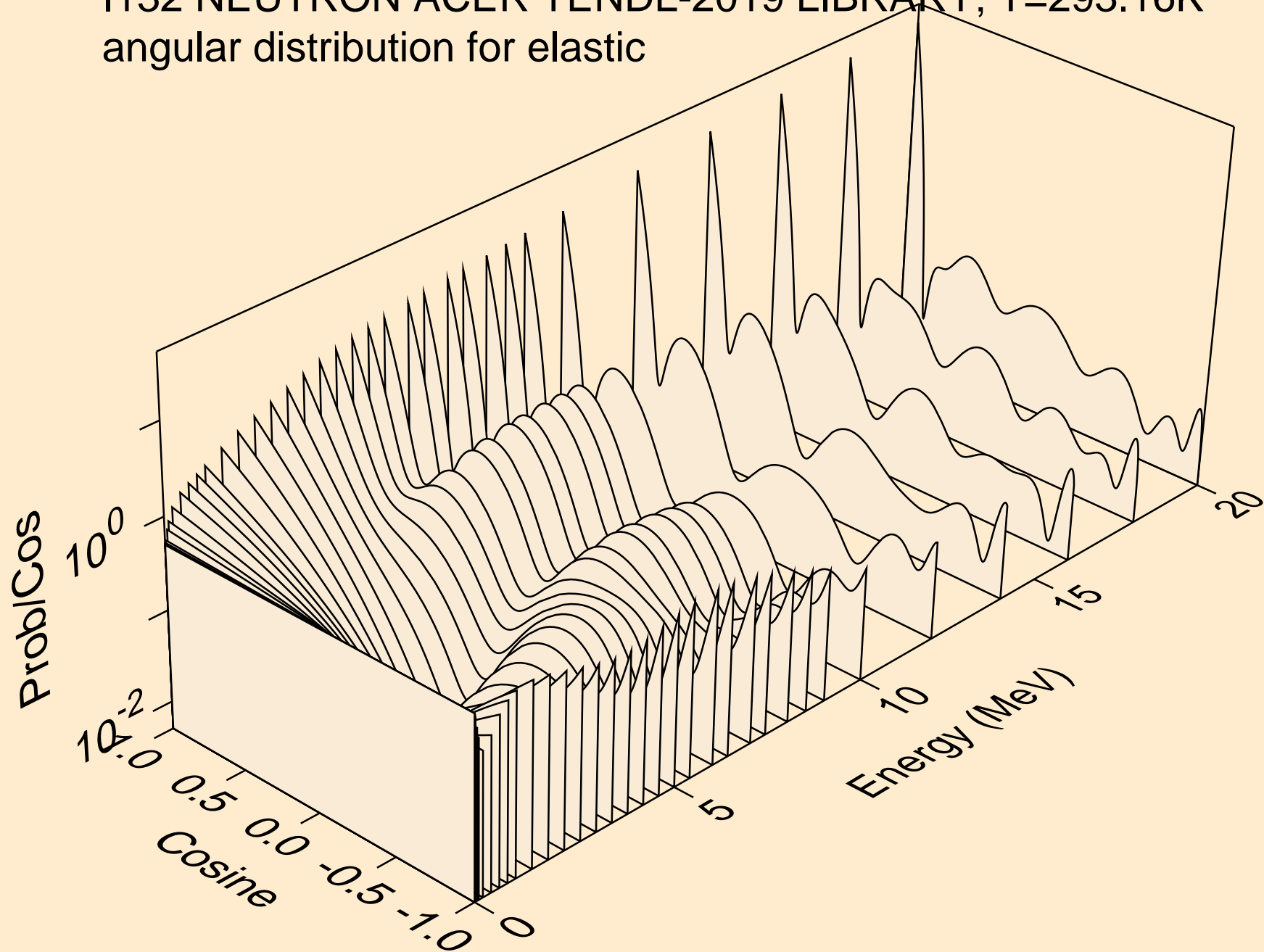
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



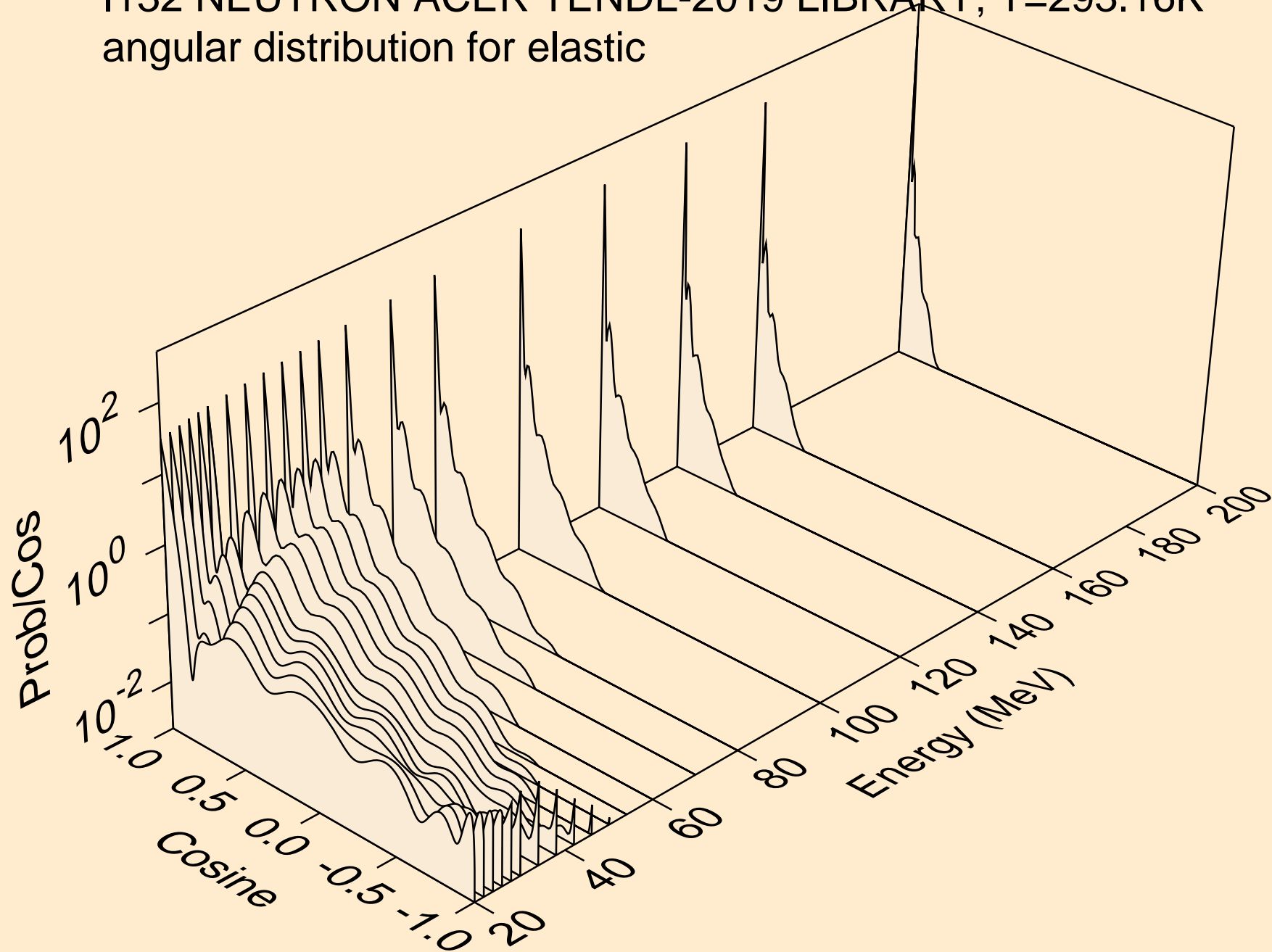
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



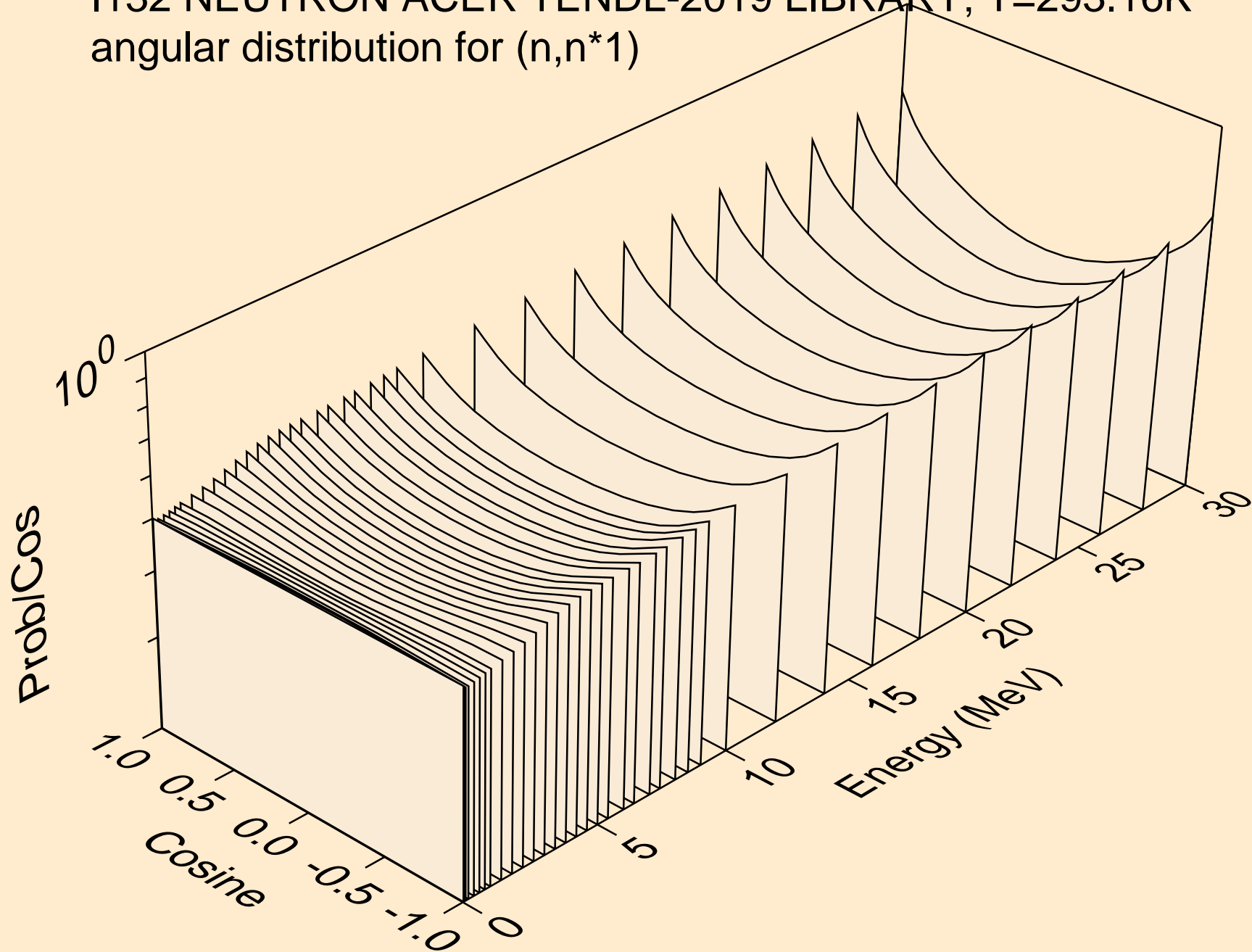
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



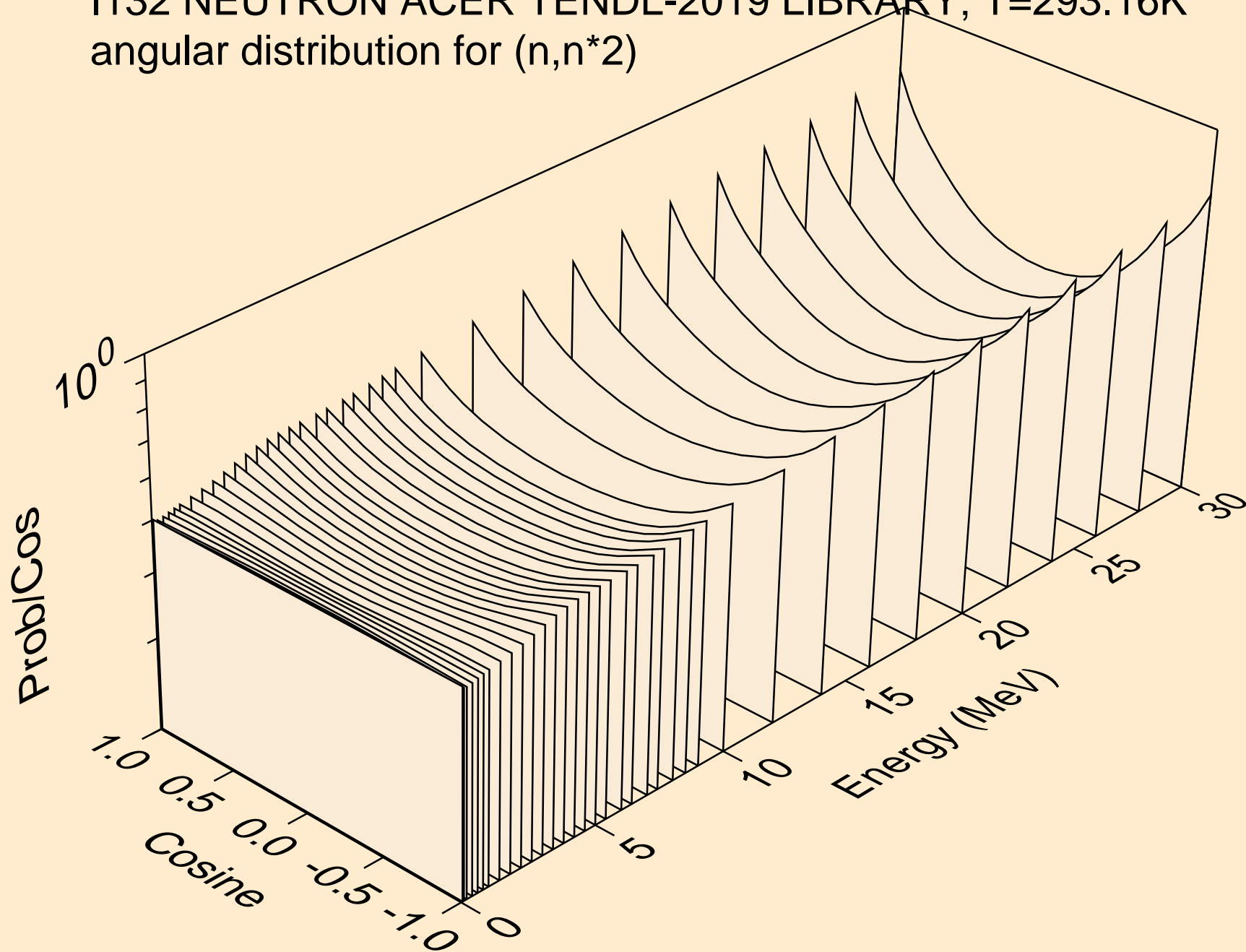
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



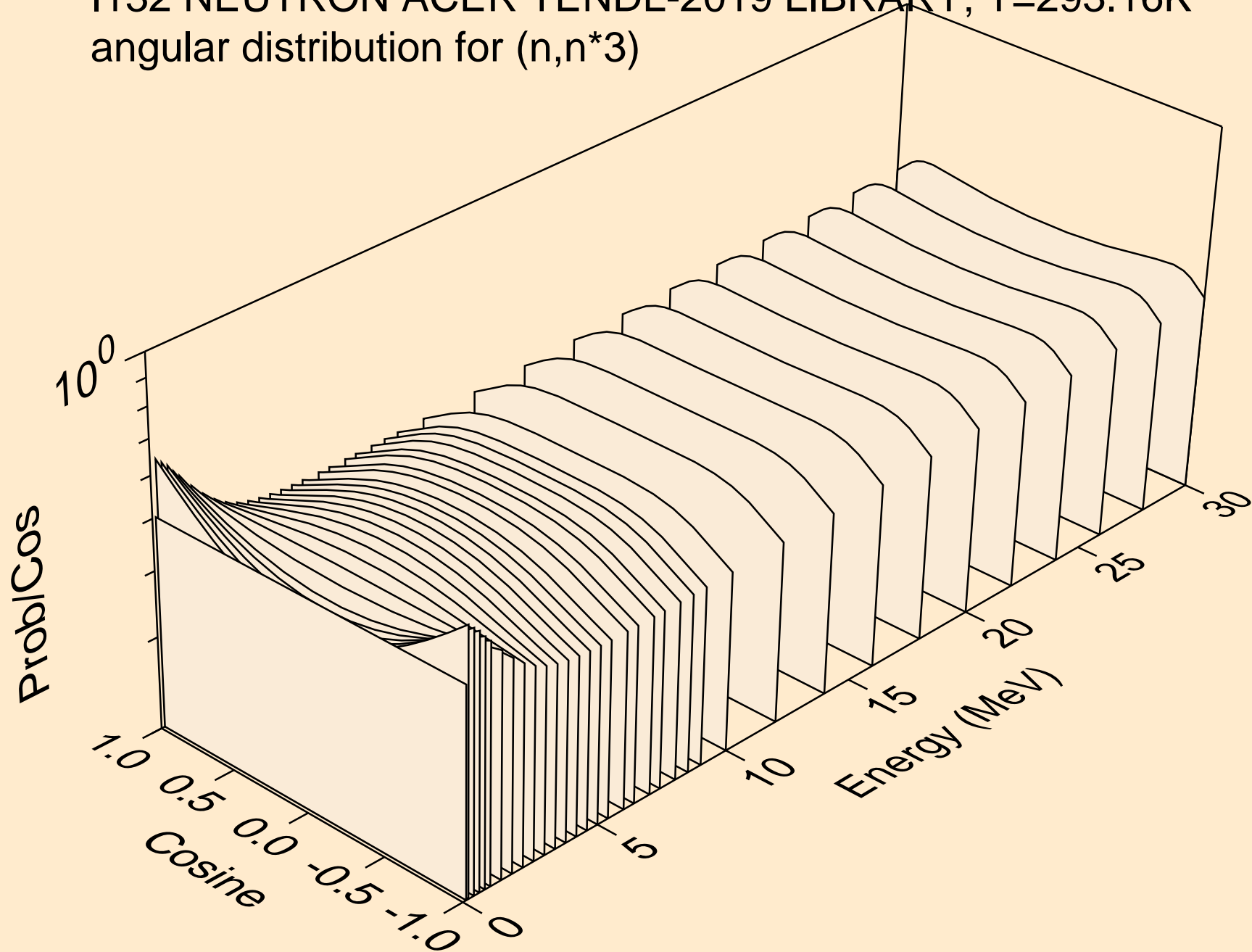
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

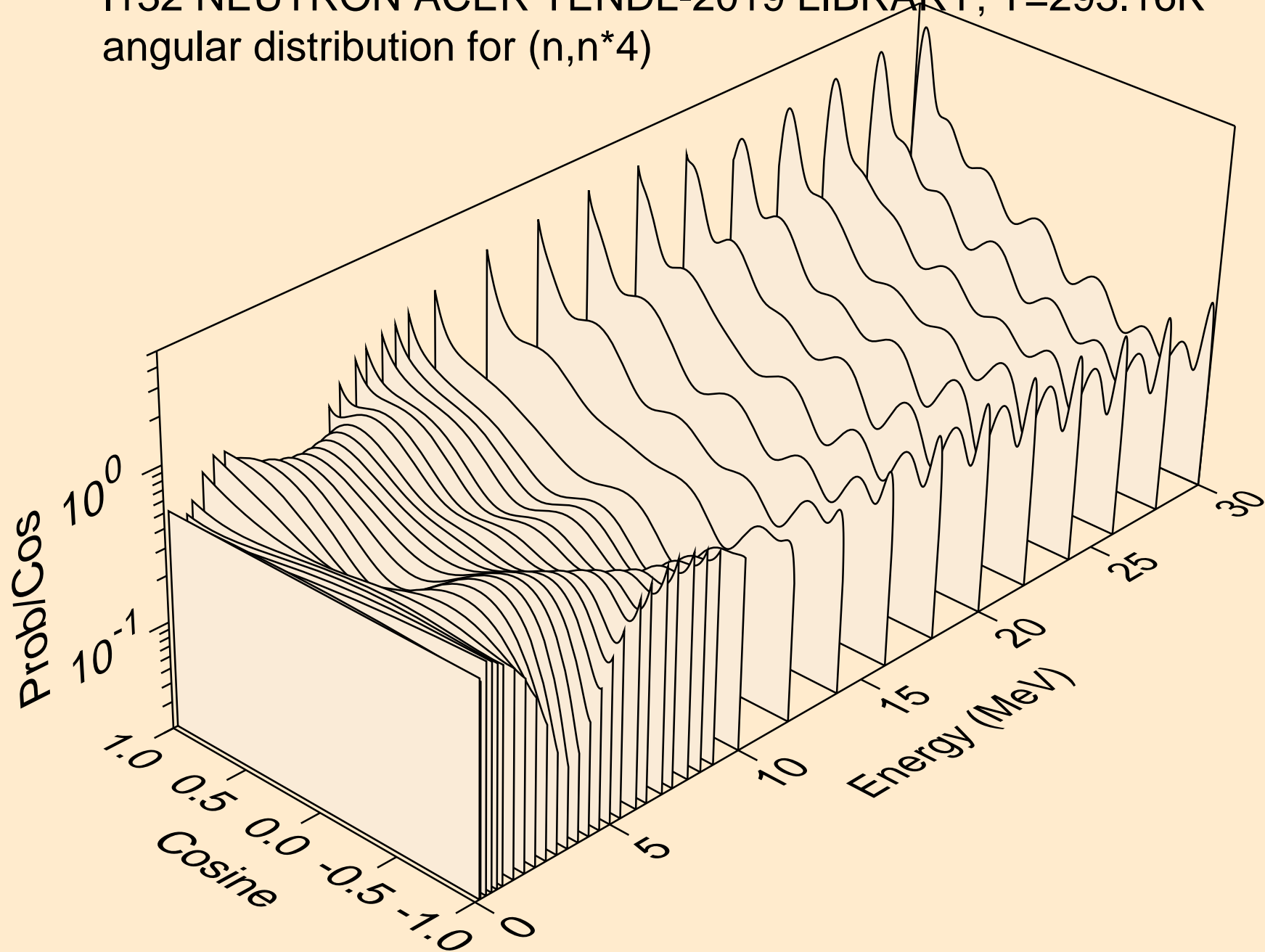


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

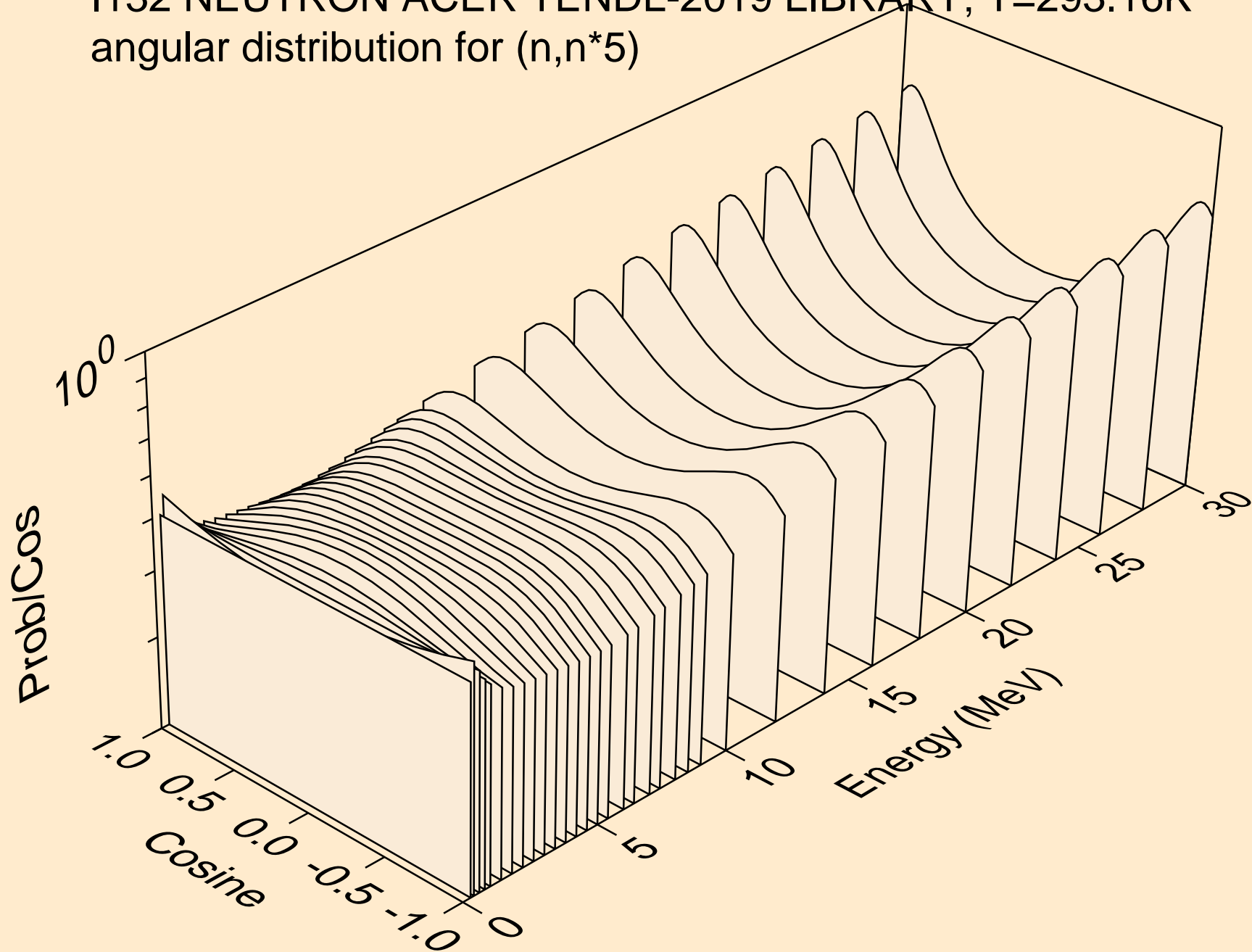




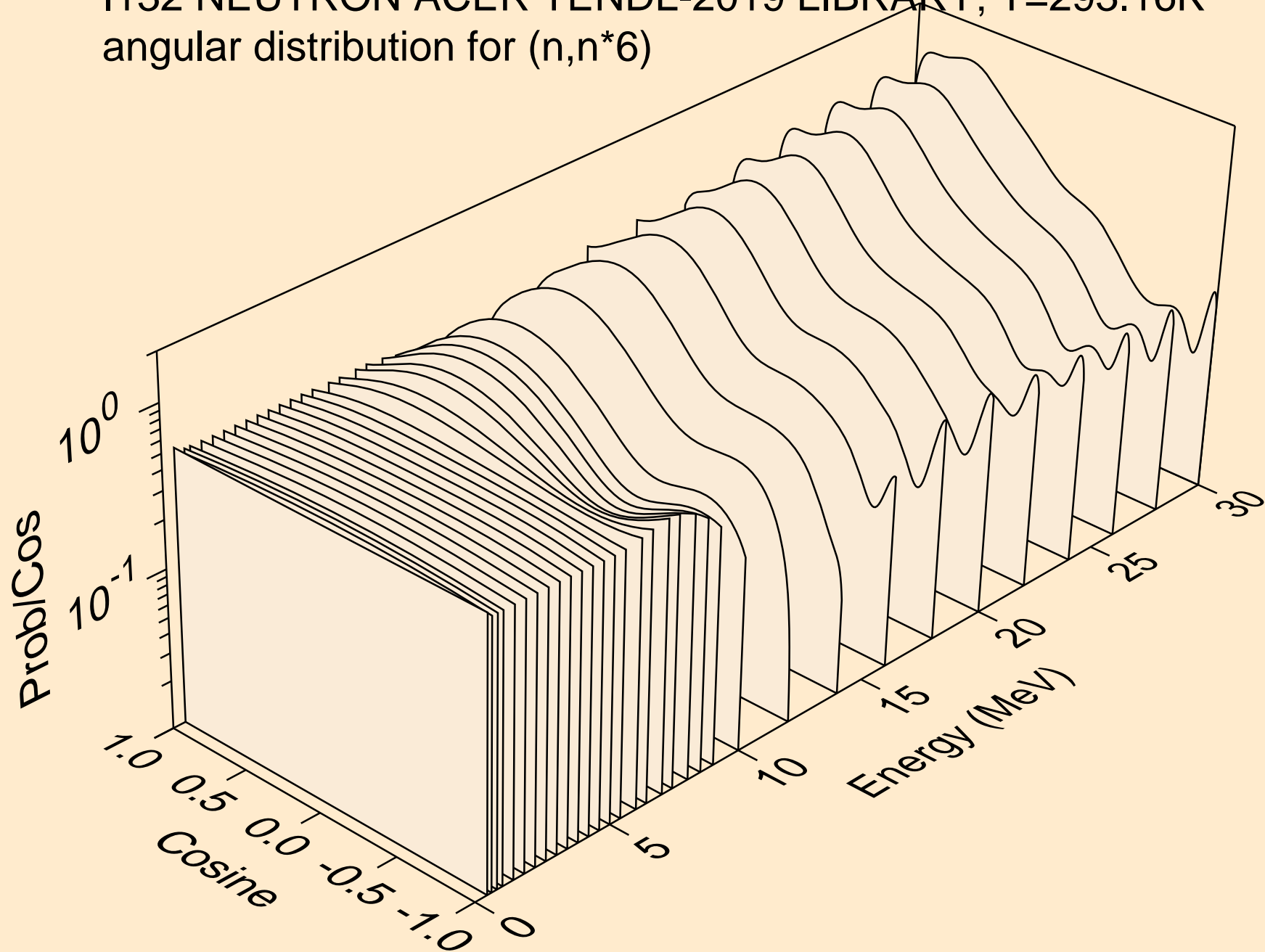
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angular distribution for (n,n\*4)



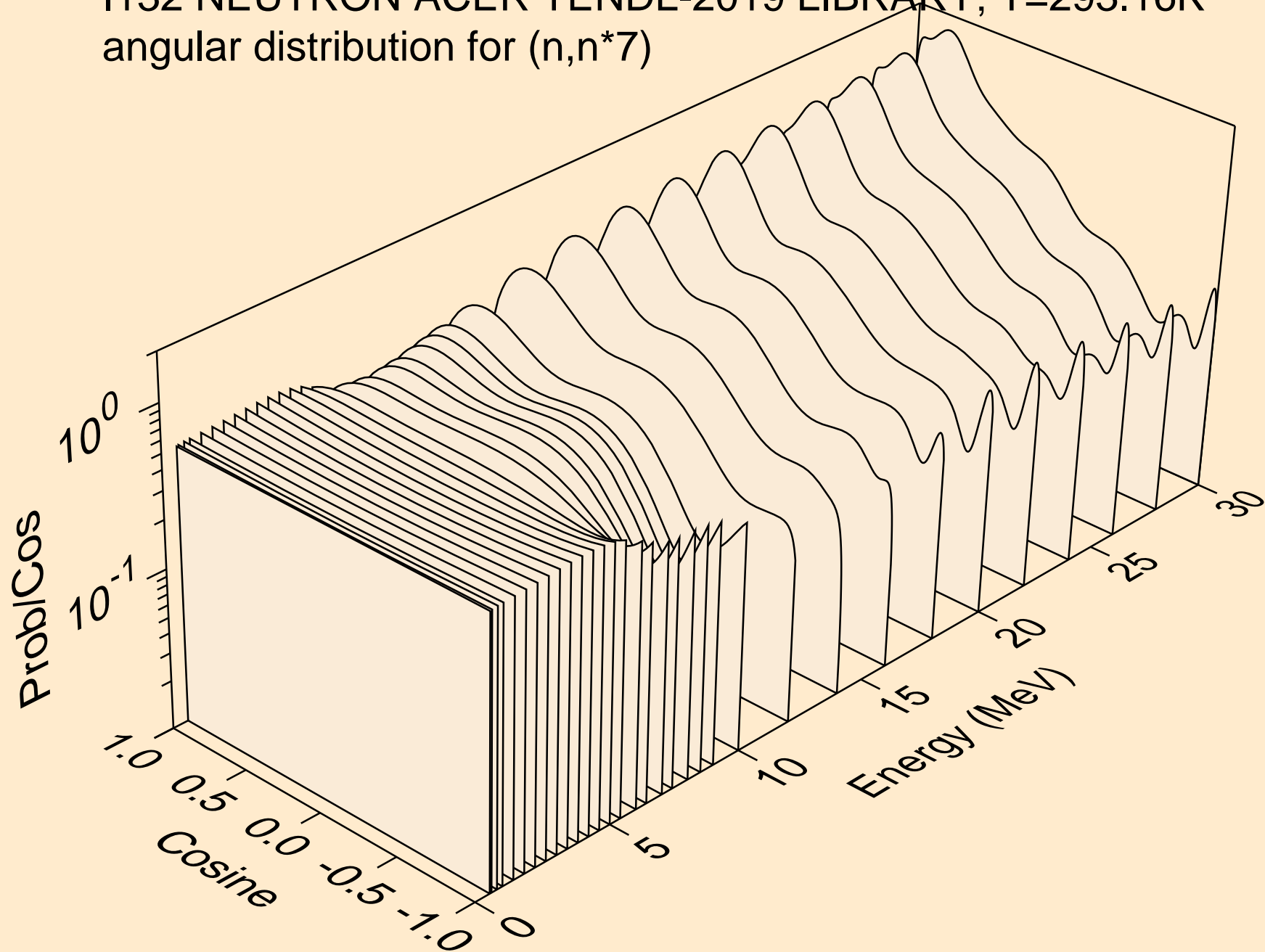
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angular distribution for (n,n\*5)



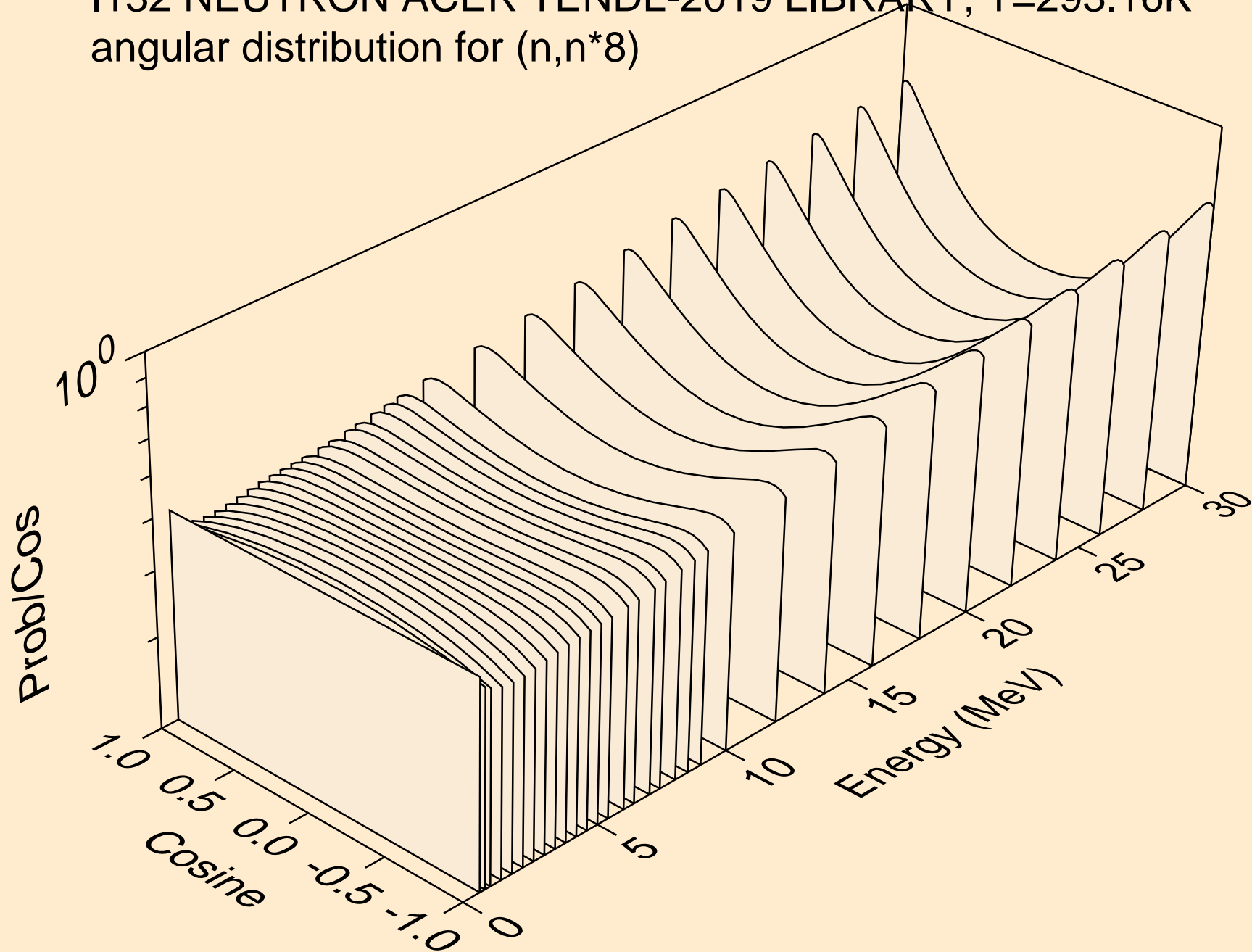
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angular distribution for (n,n\*6)



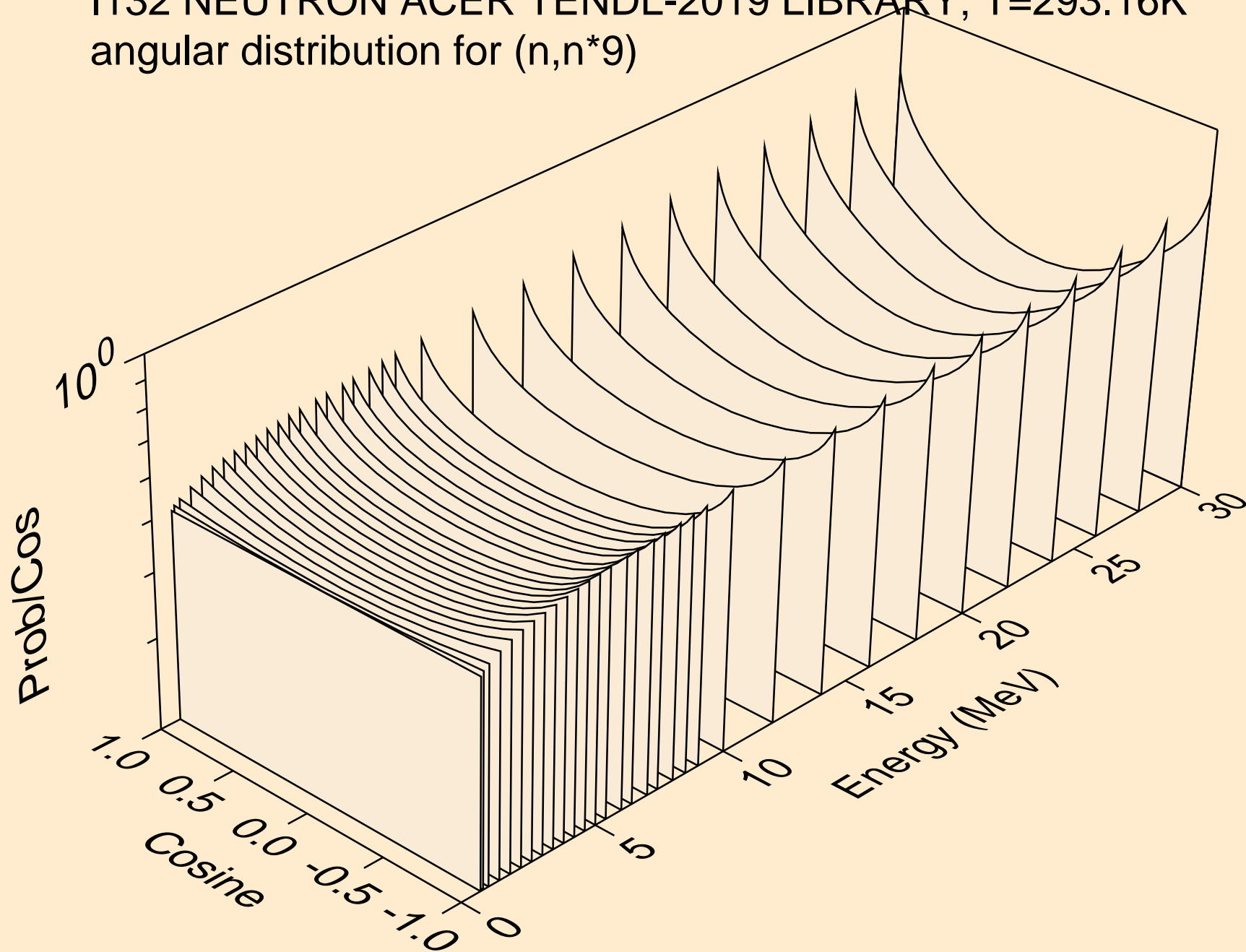
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angular distribution for (n,n\*7)



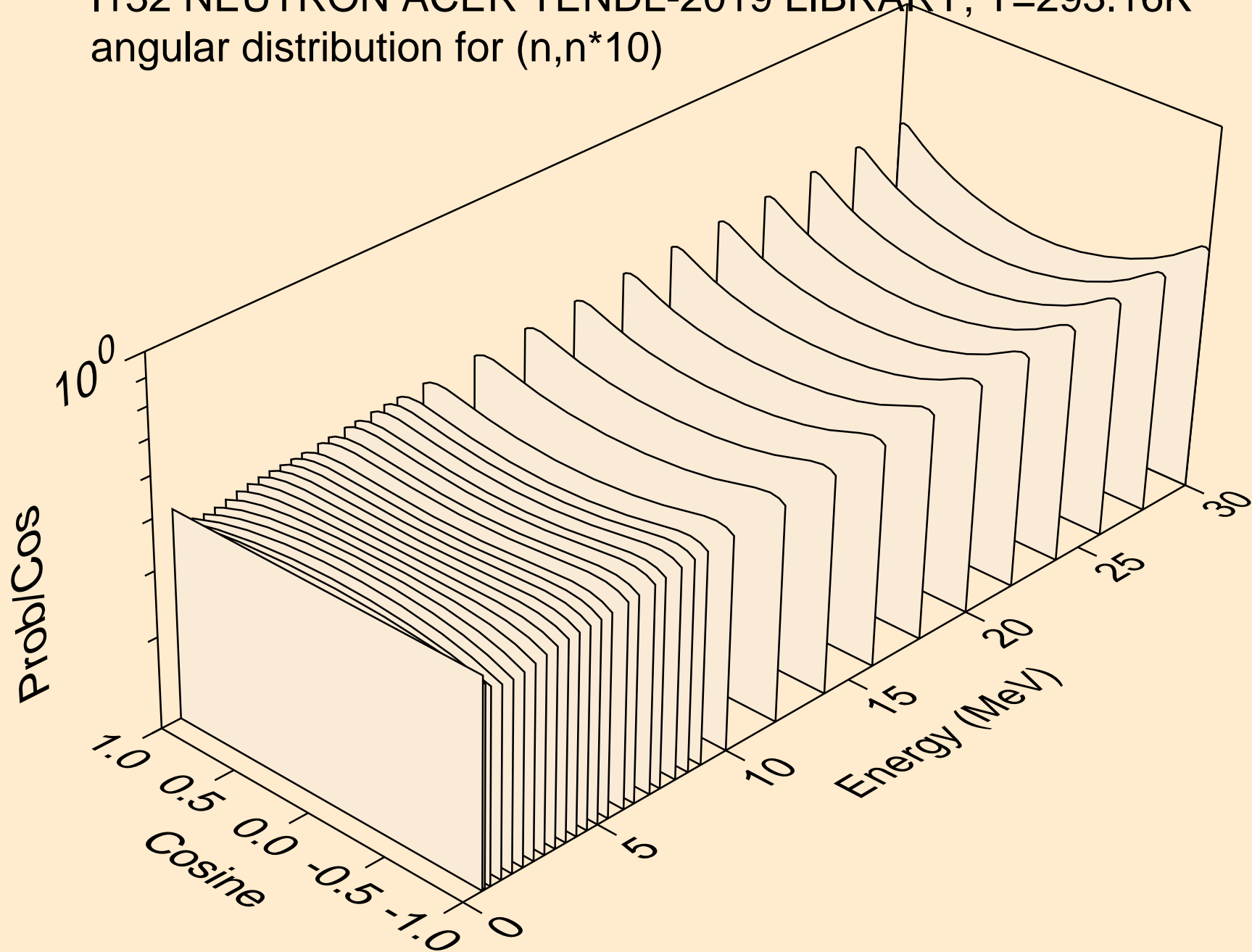
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angular distribution for (n,n\*8)



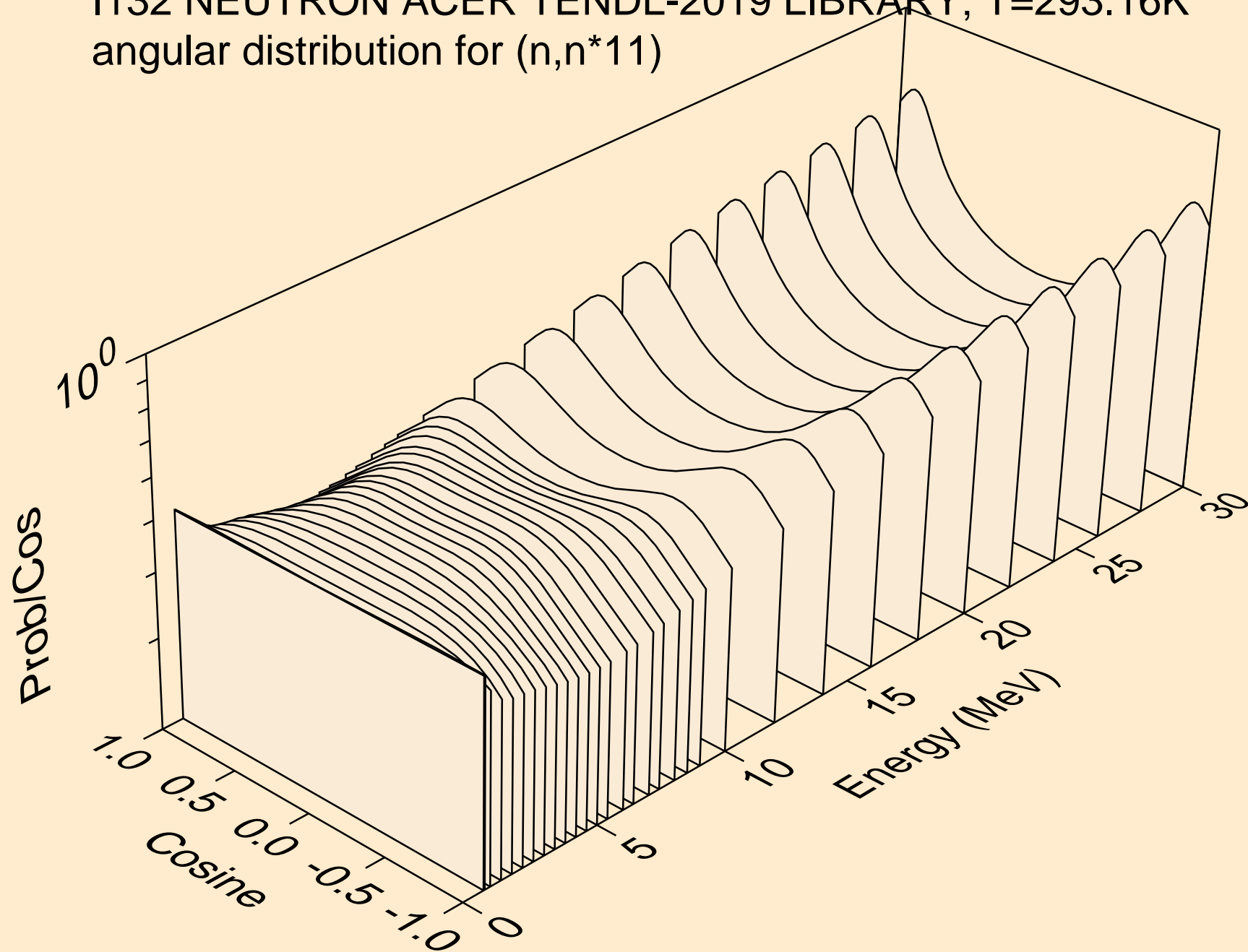
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

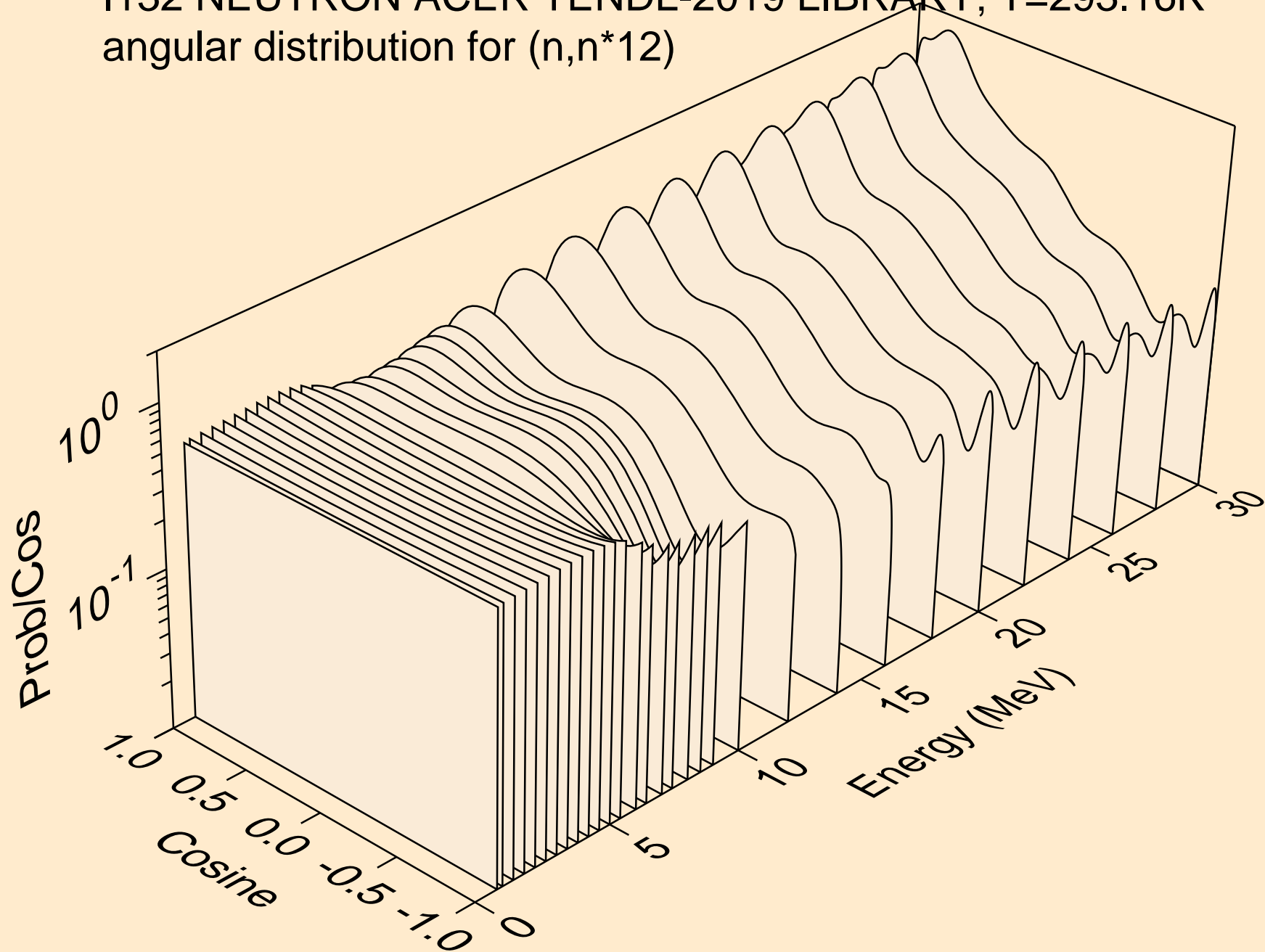


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

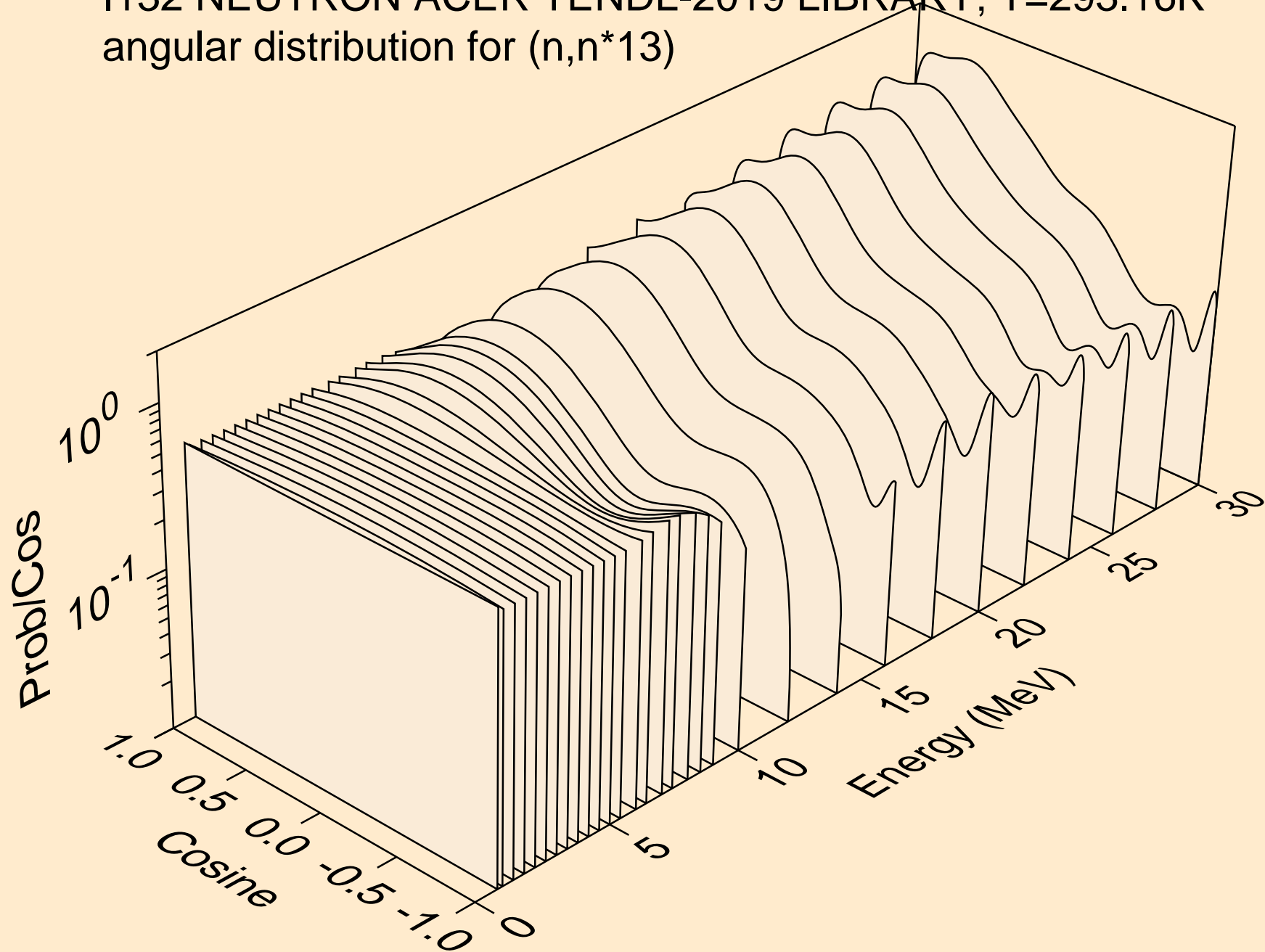




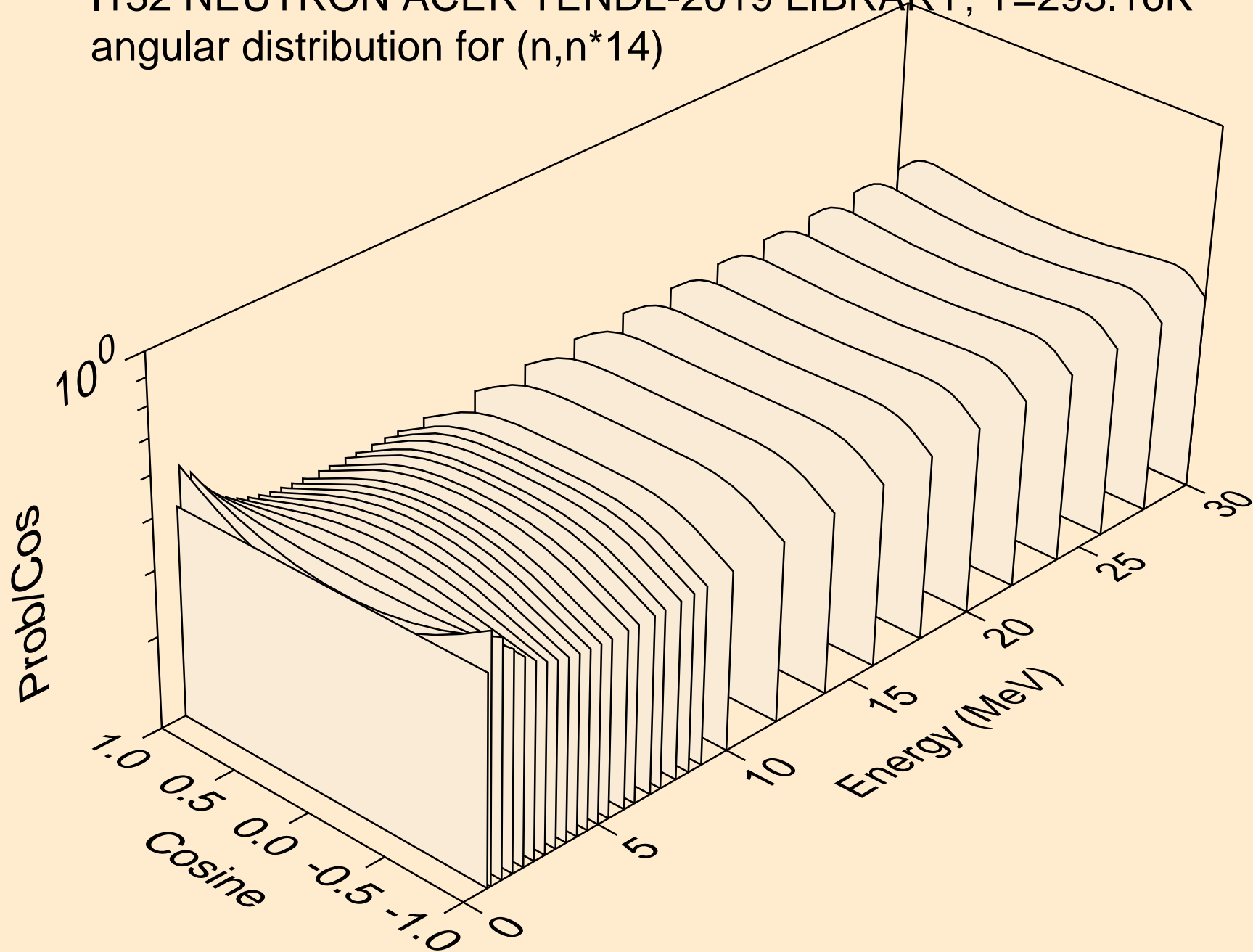
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angular distribution for (n,n\*12)



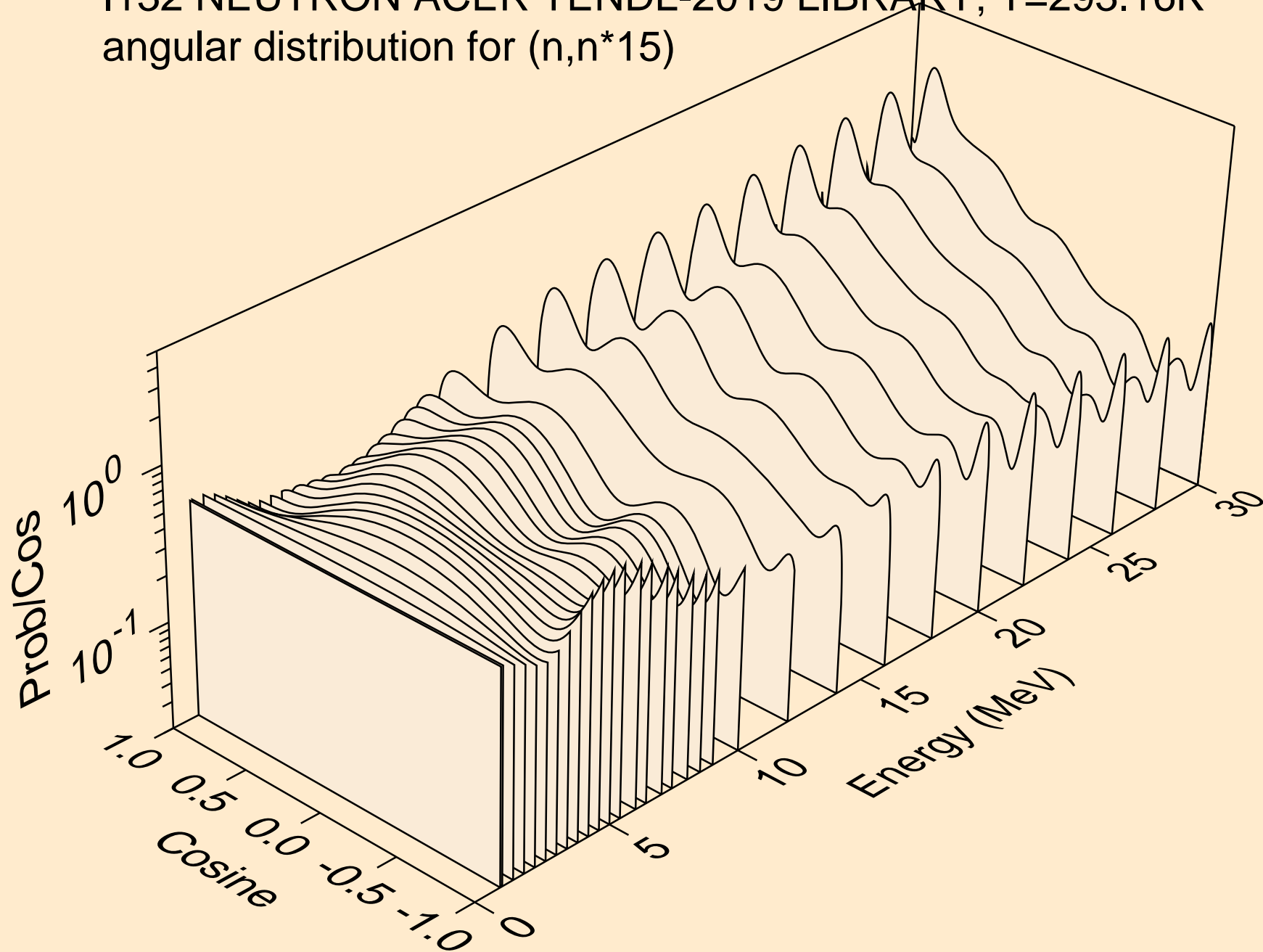
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angular distribution for (n,n\*13)



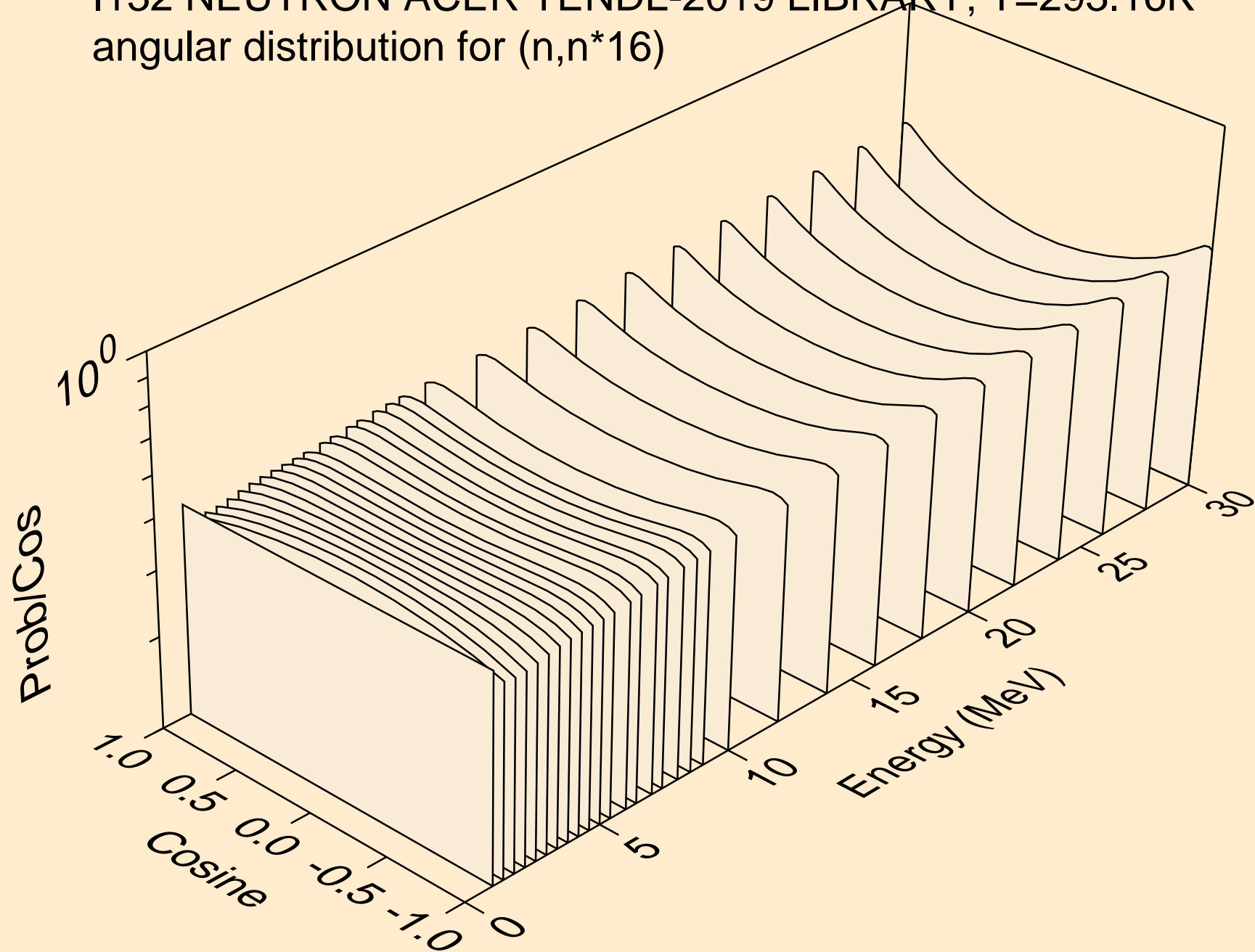
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angular distribution for (n,n\*14)



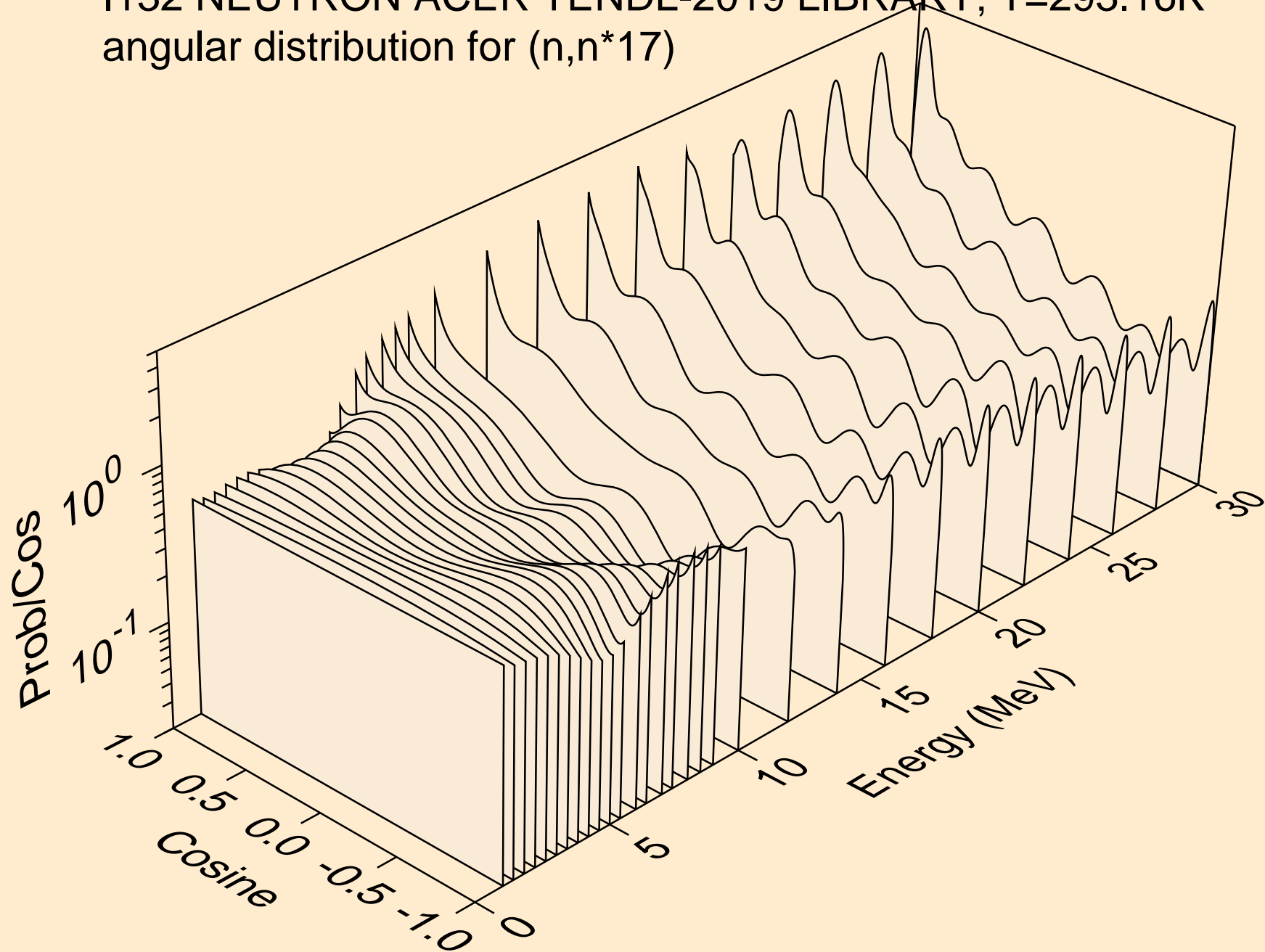
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angular distribution for (n,n\*15)



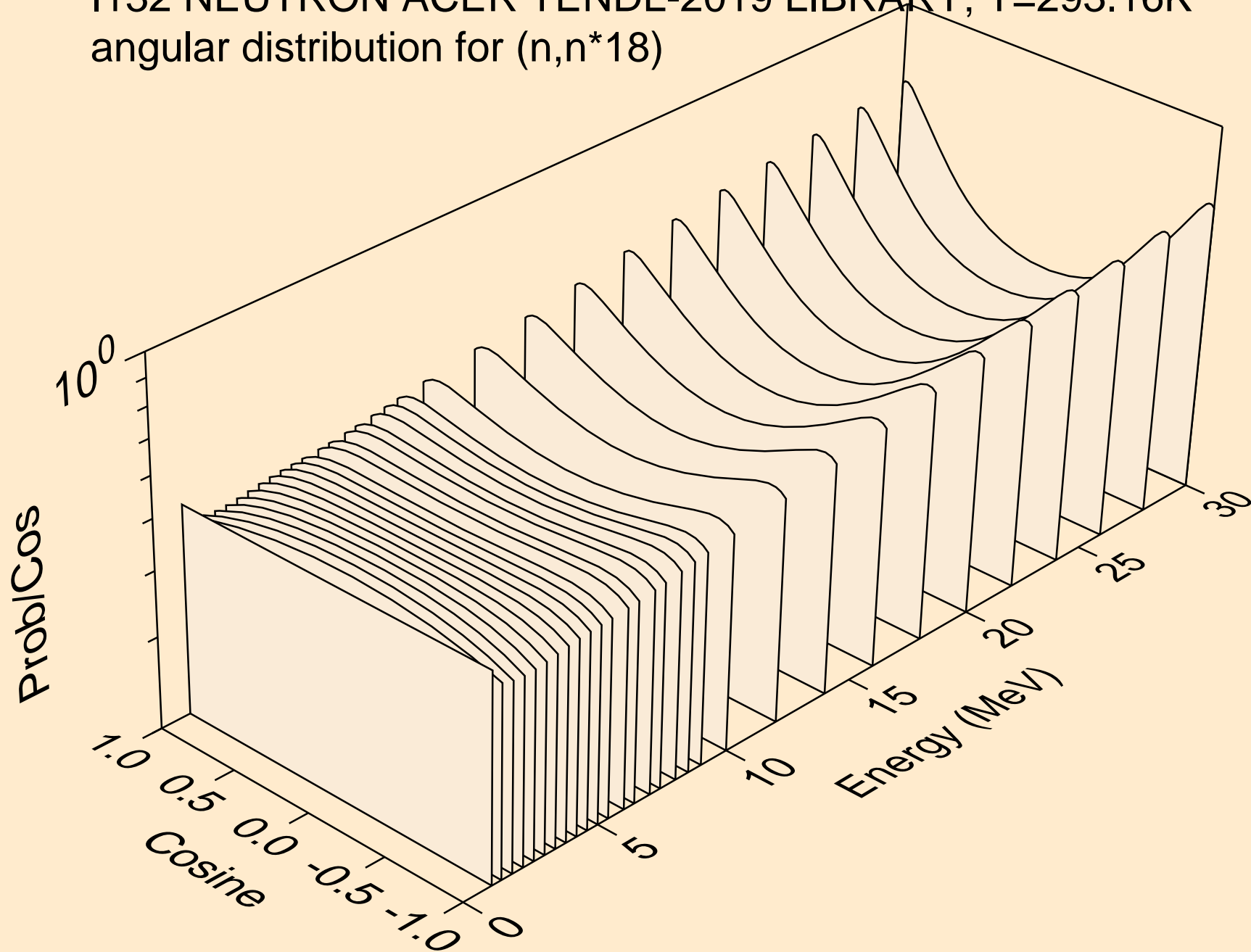
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angular distribution for (n,n\*16)



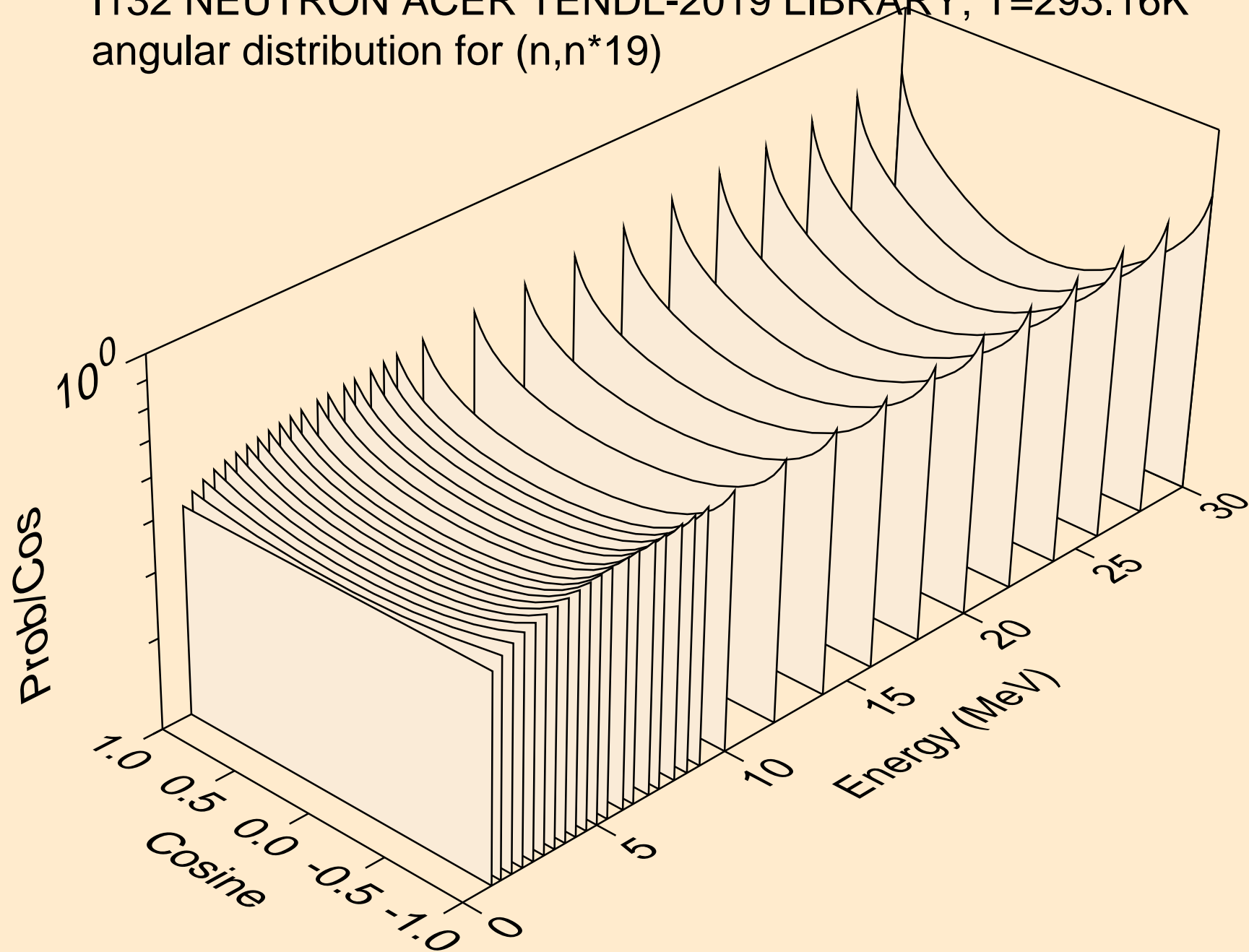
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angular distribution for (n,n\*17)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

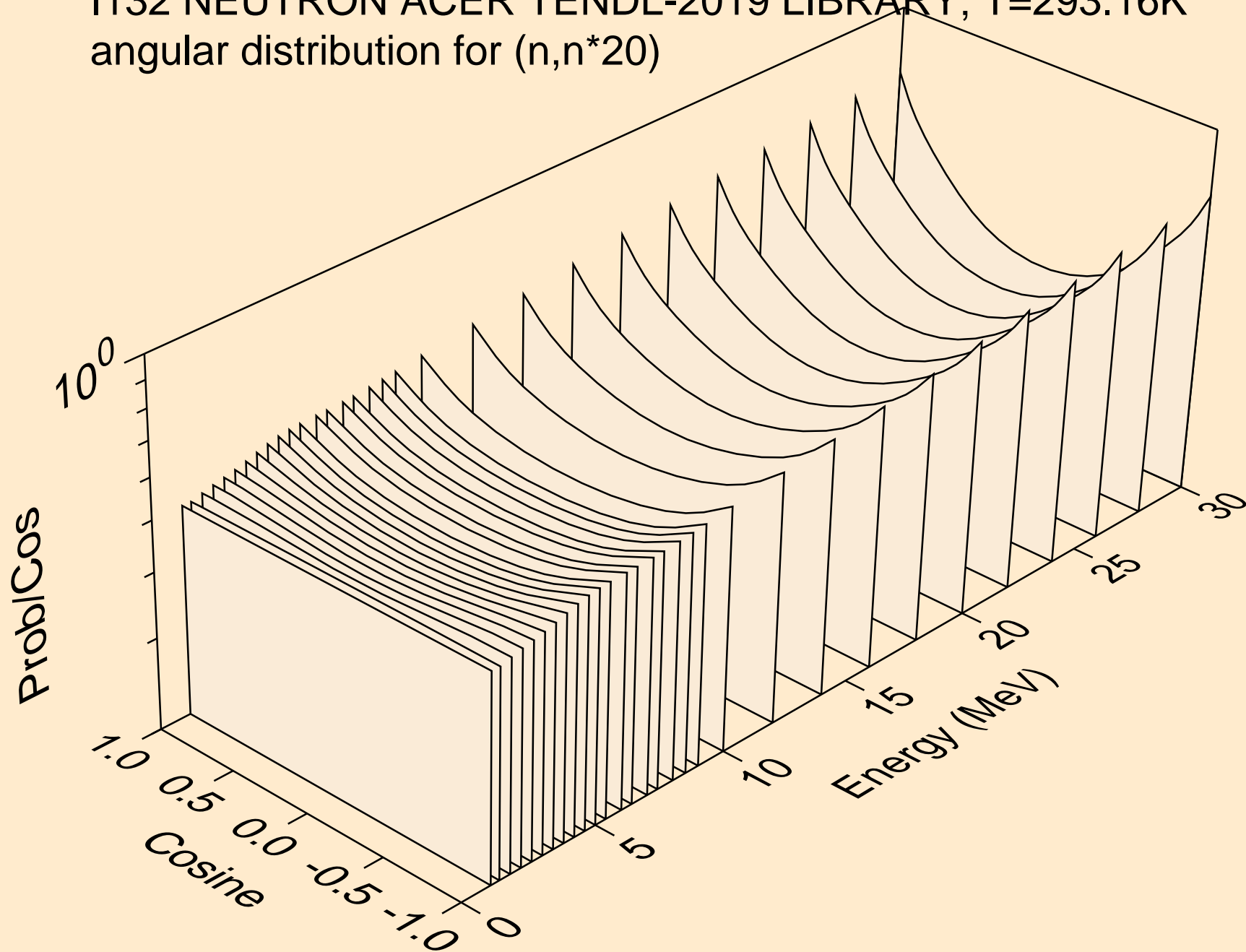


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

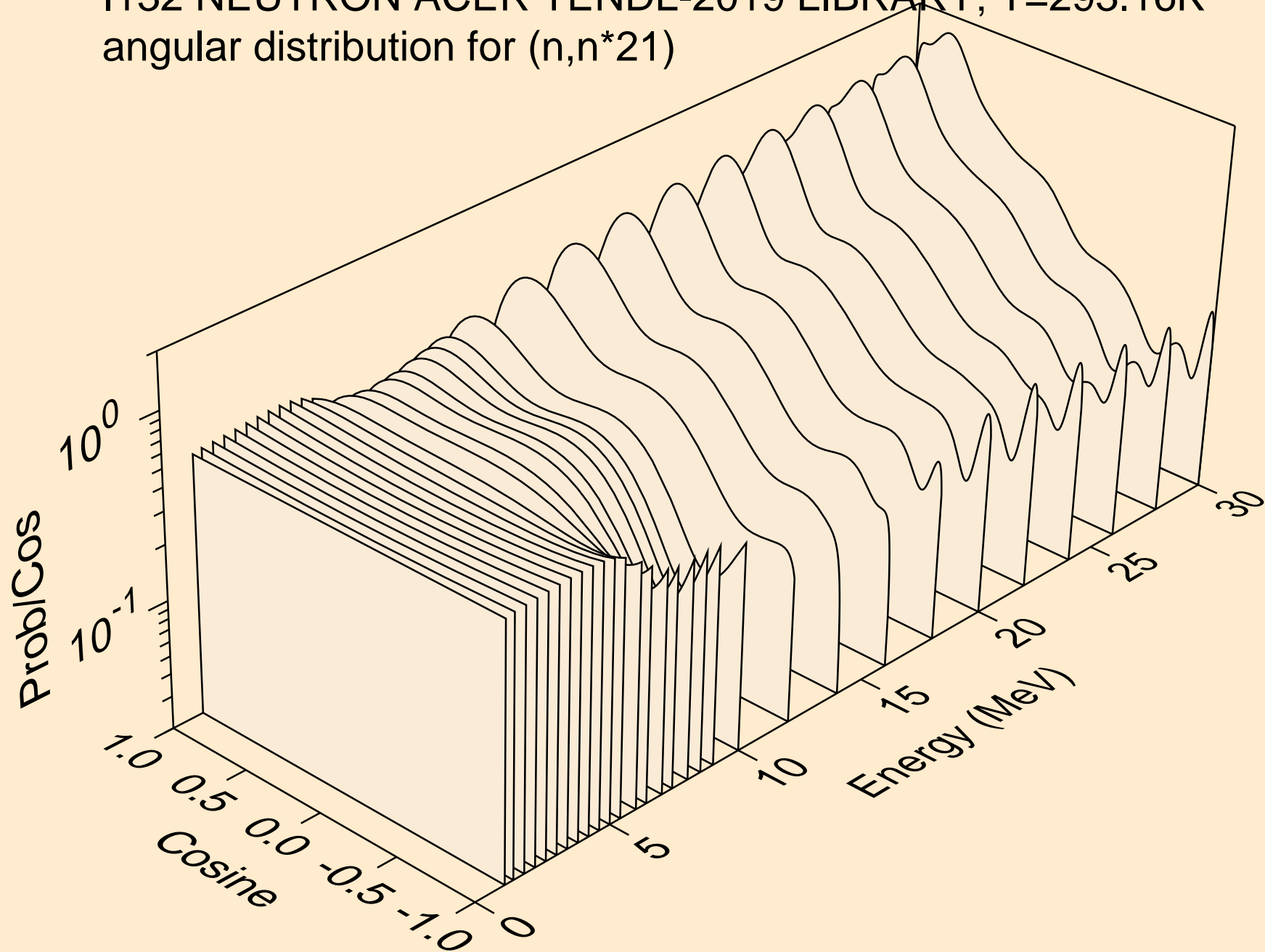




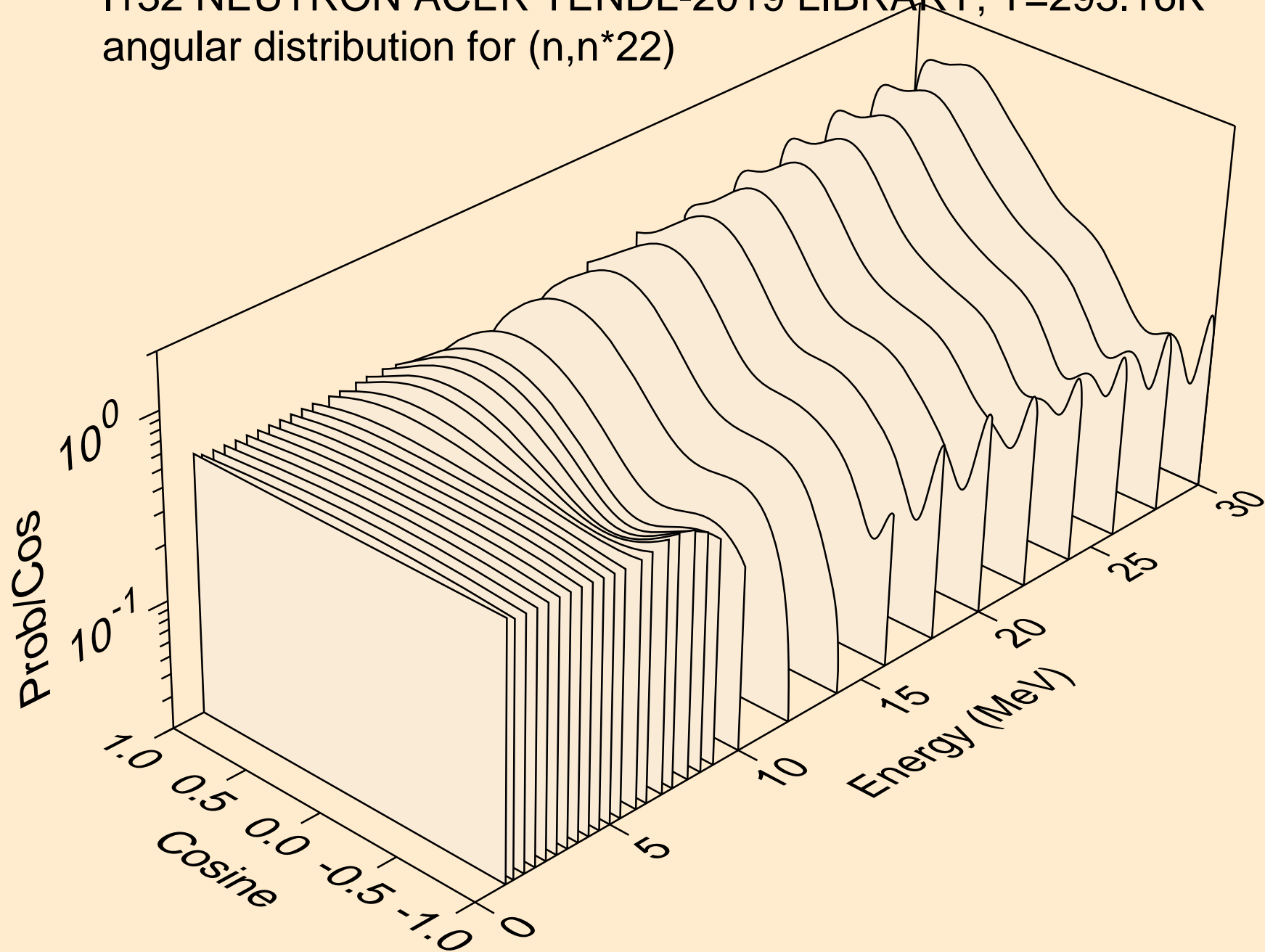
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angular distribution for (n,n\*20)



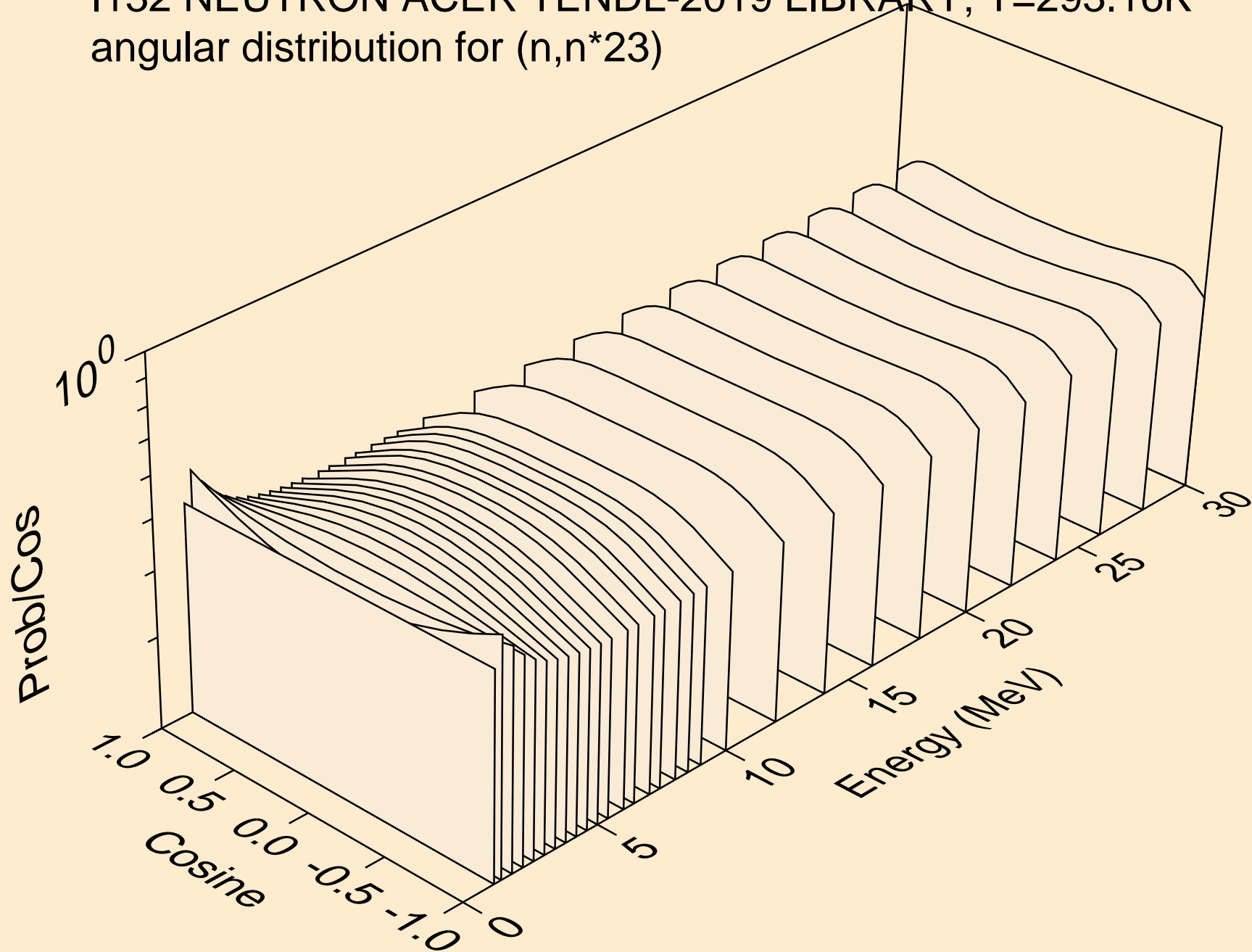
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angular distribution for (n,n\*21)



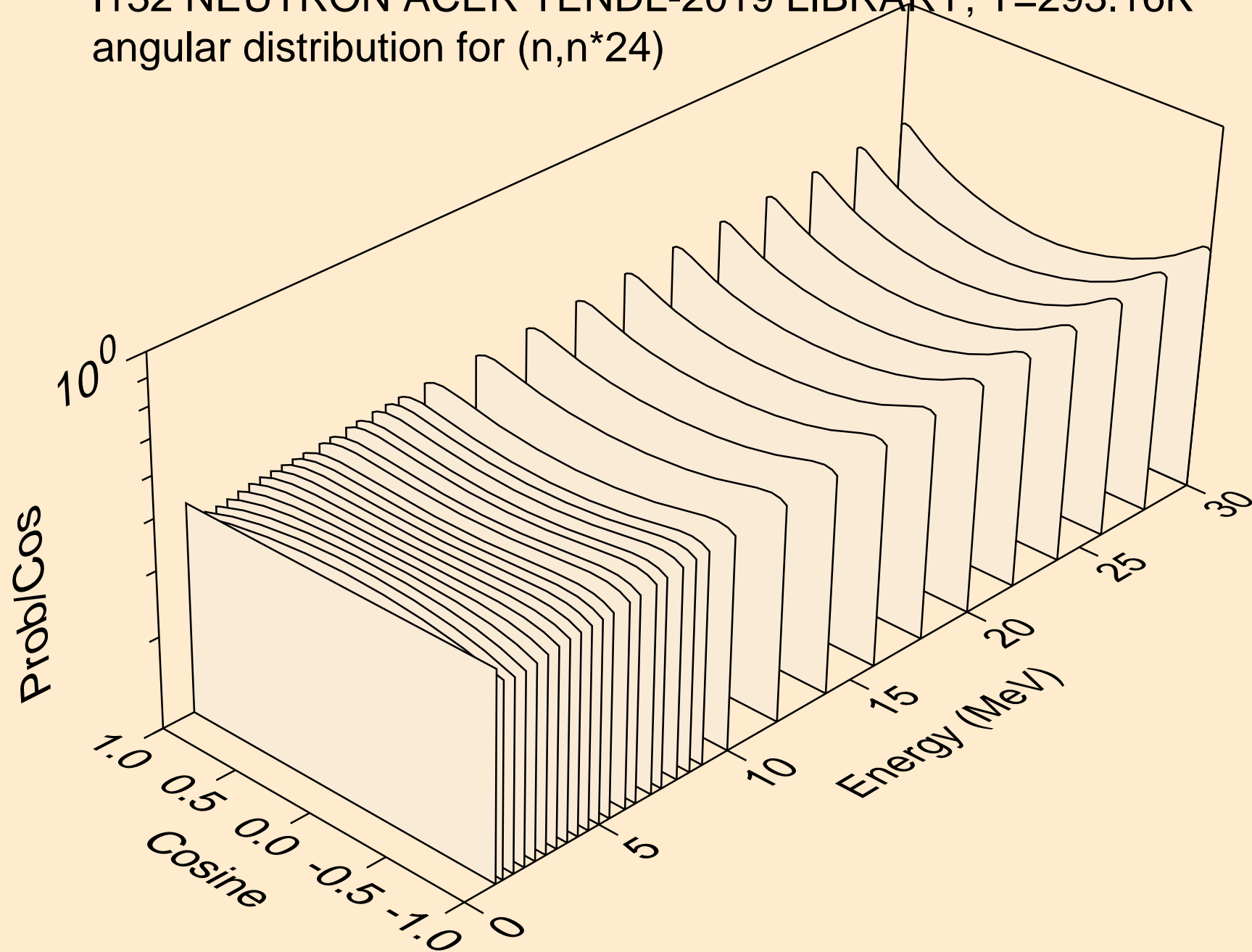
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angular distribution for (n,n\*22)



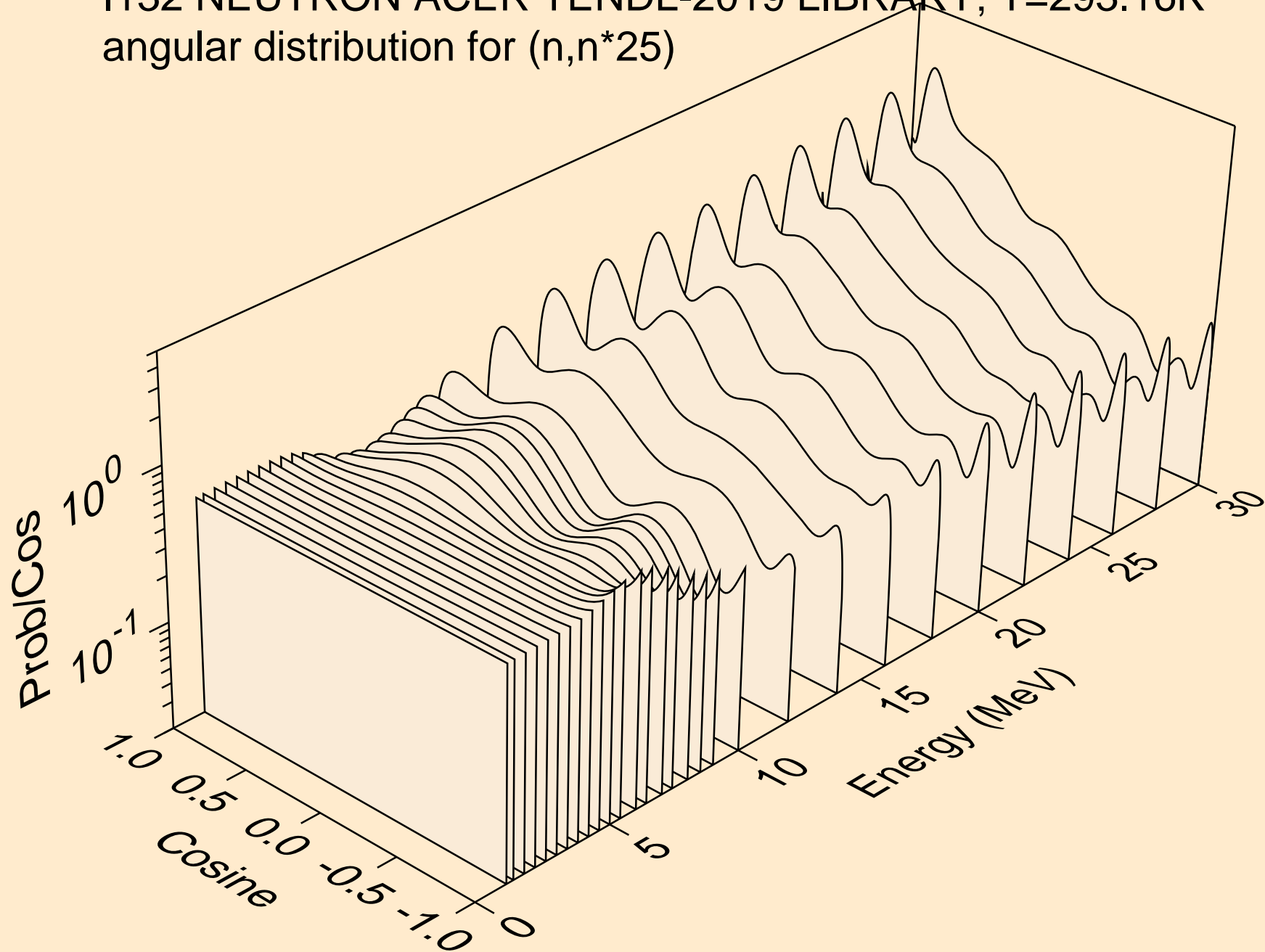
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angular distribution for (n,n\*23)



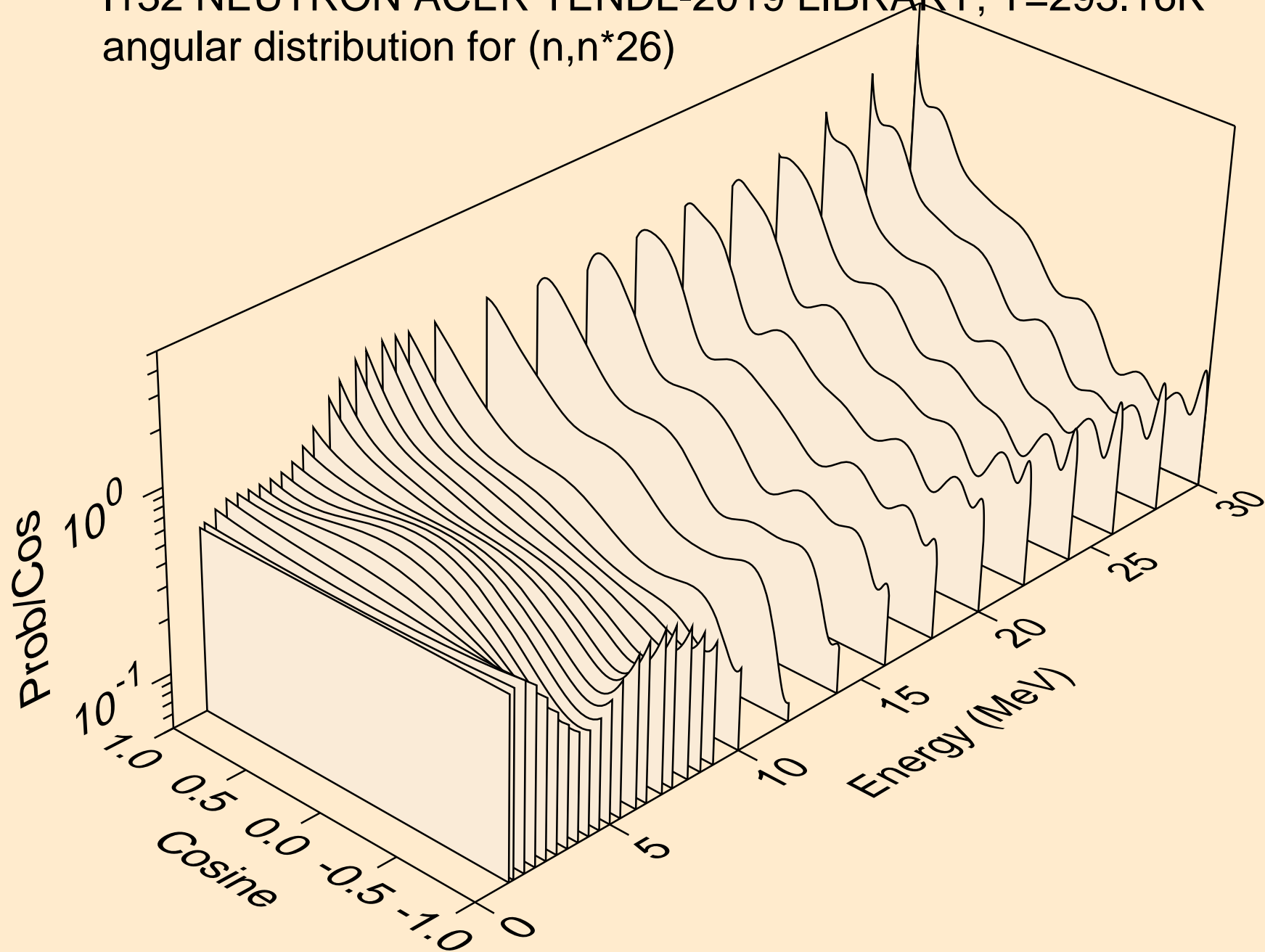
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angular distribution for (n,n\*24)



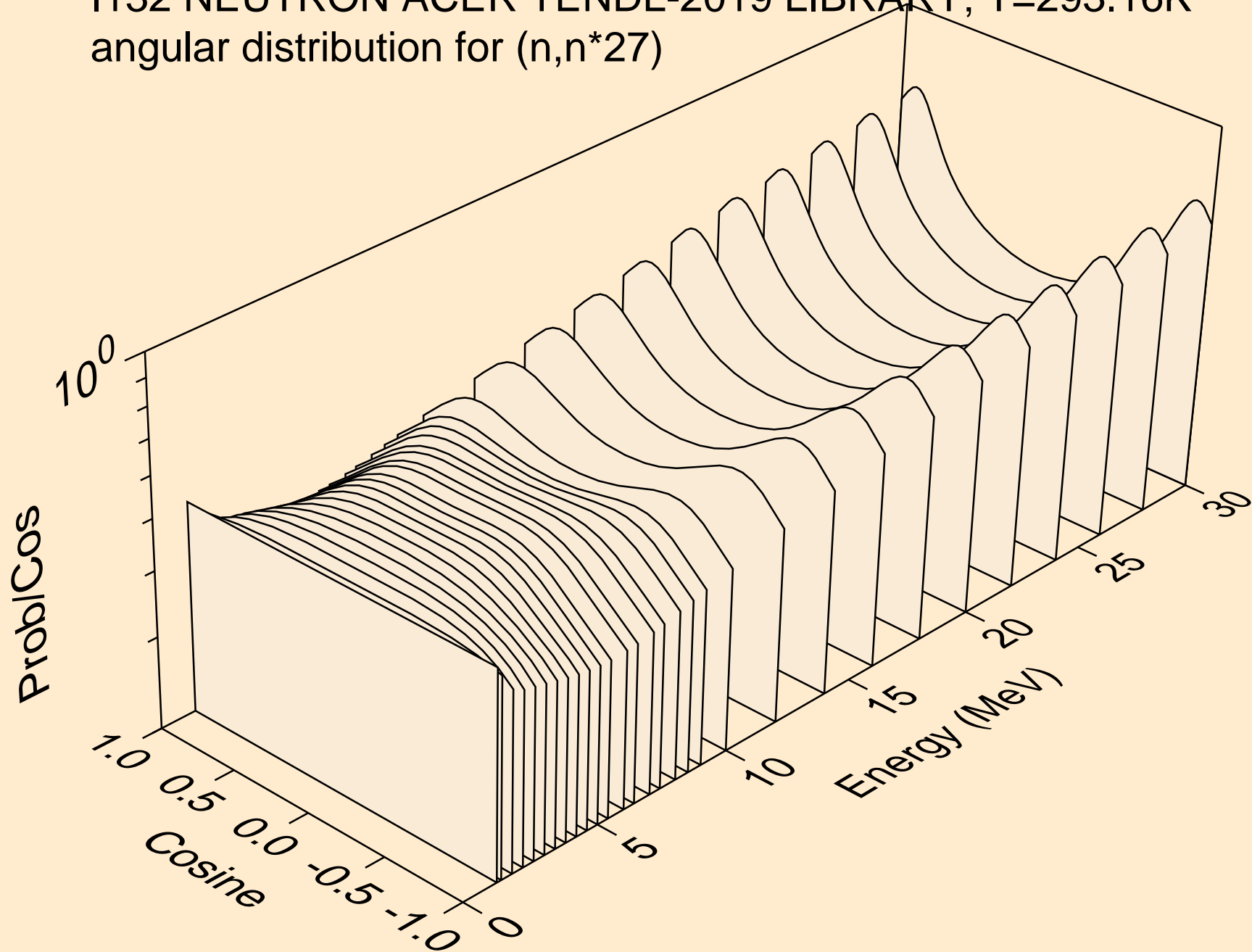
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

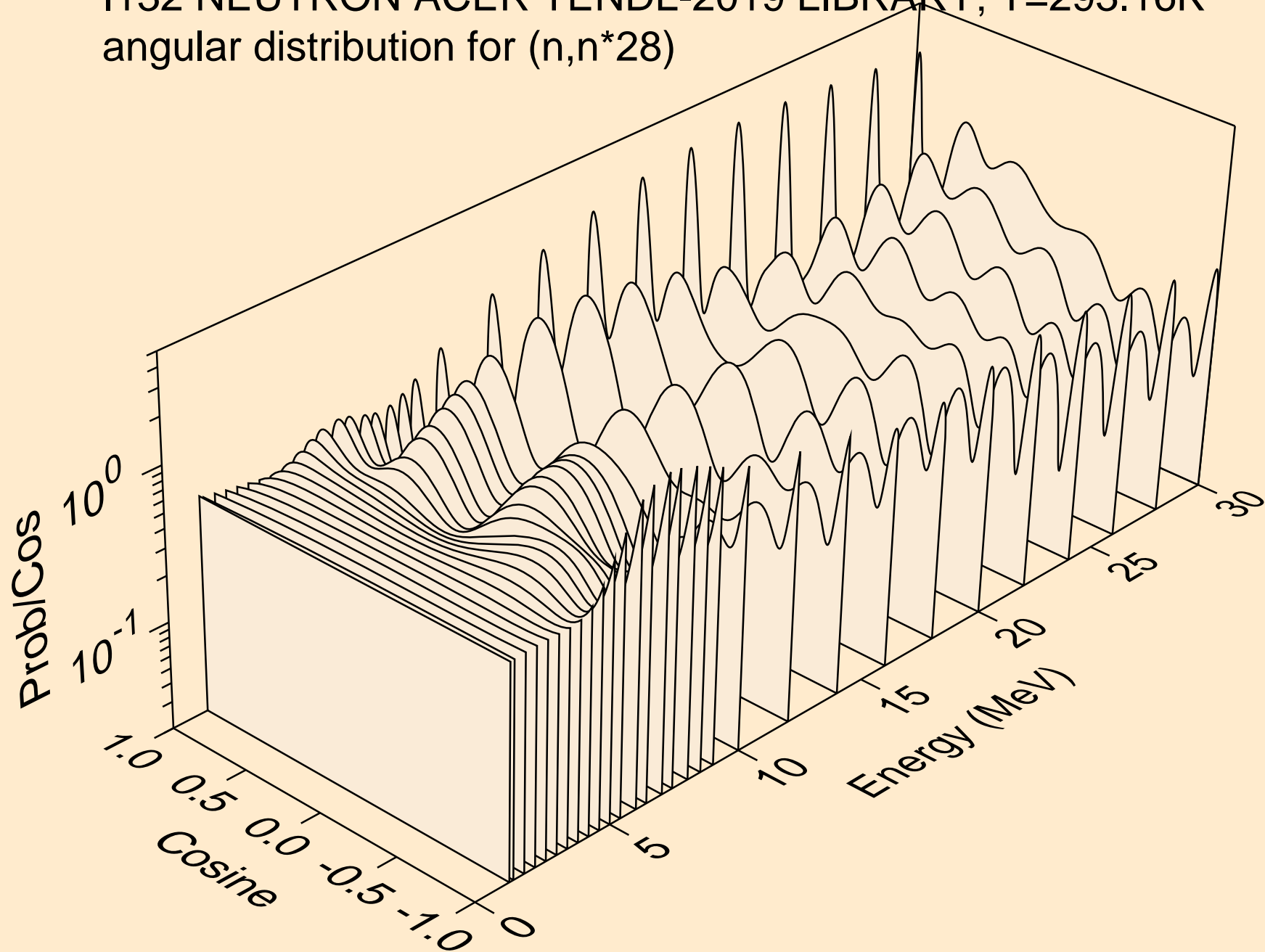


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

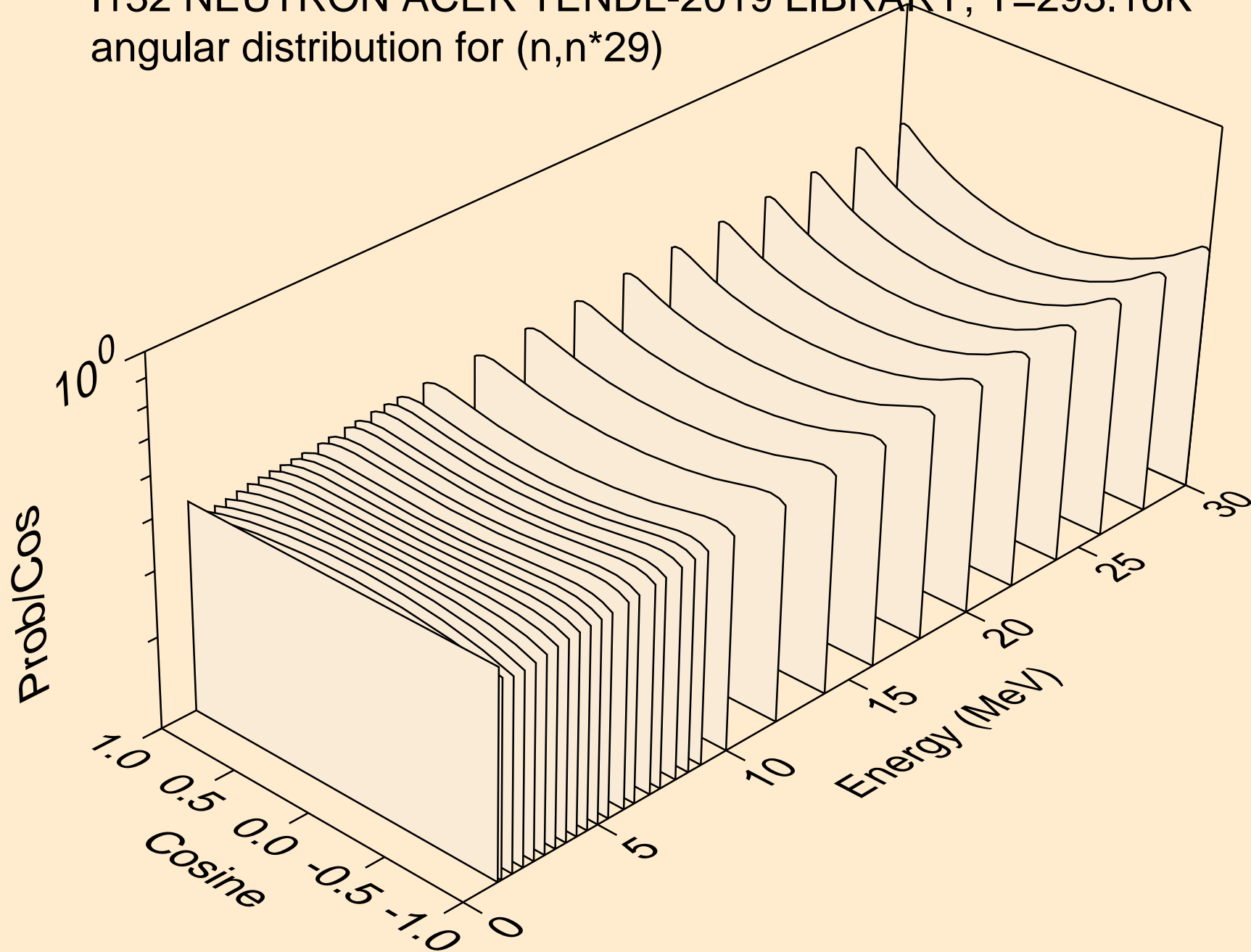




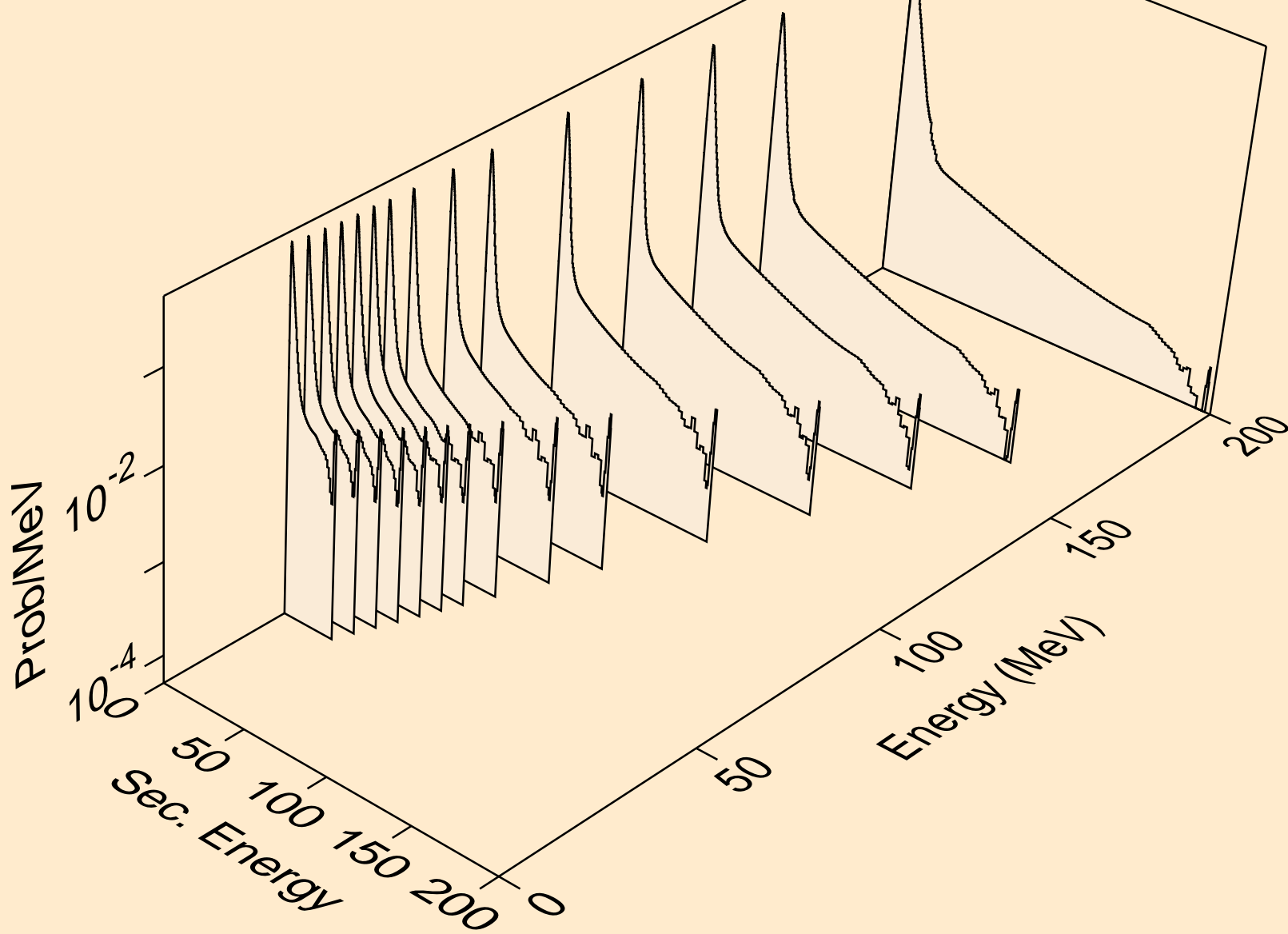
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



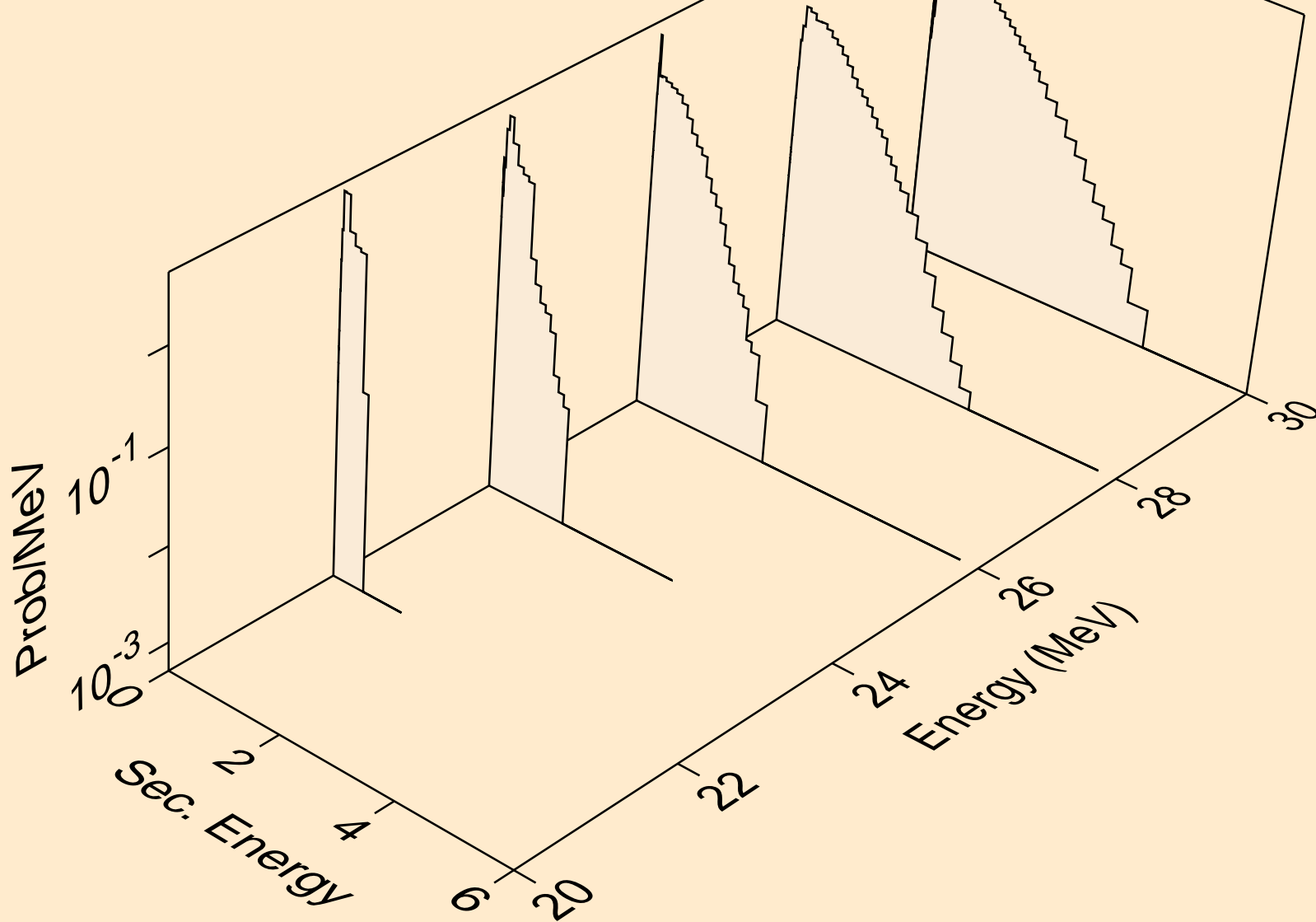
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angular distribution for (n,n\*29)



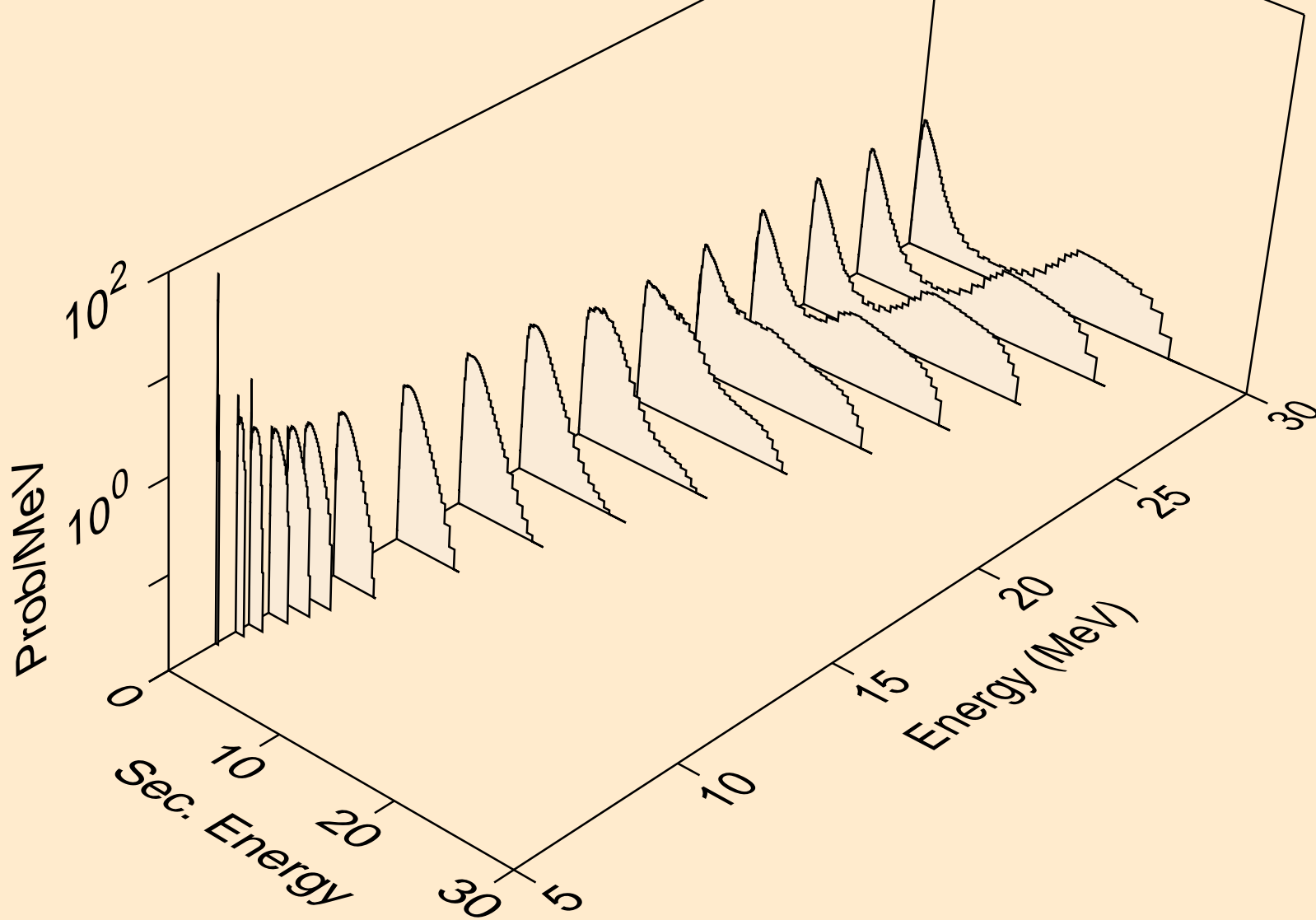
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



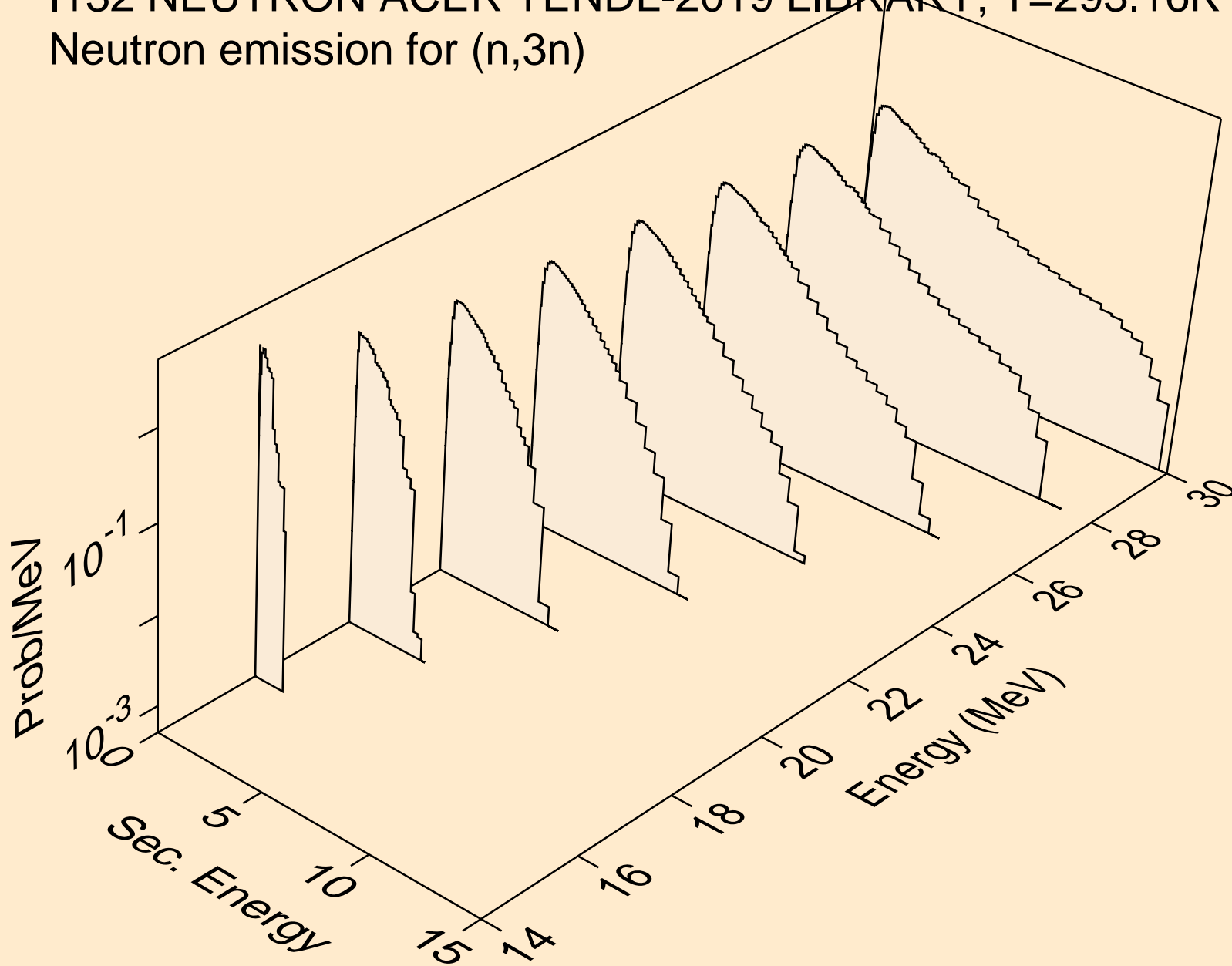
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



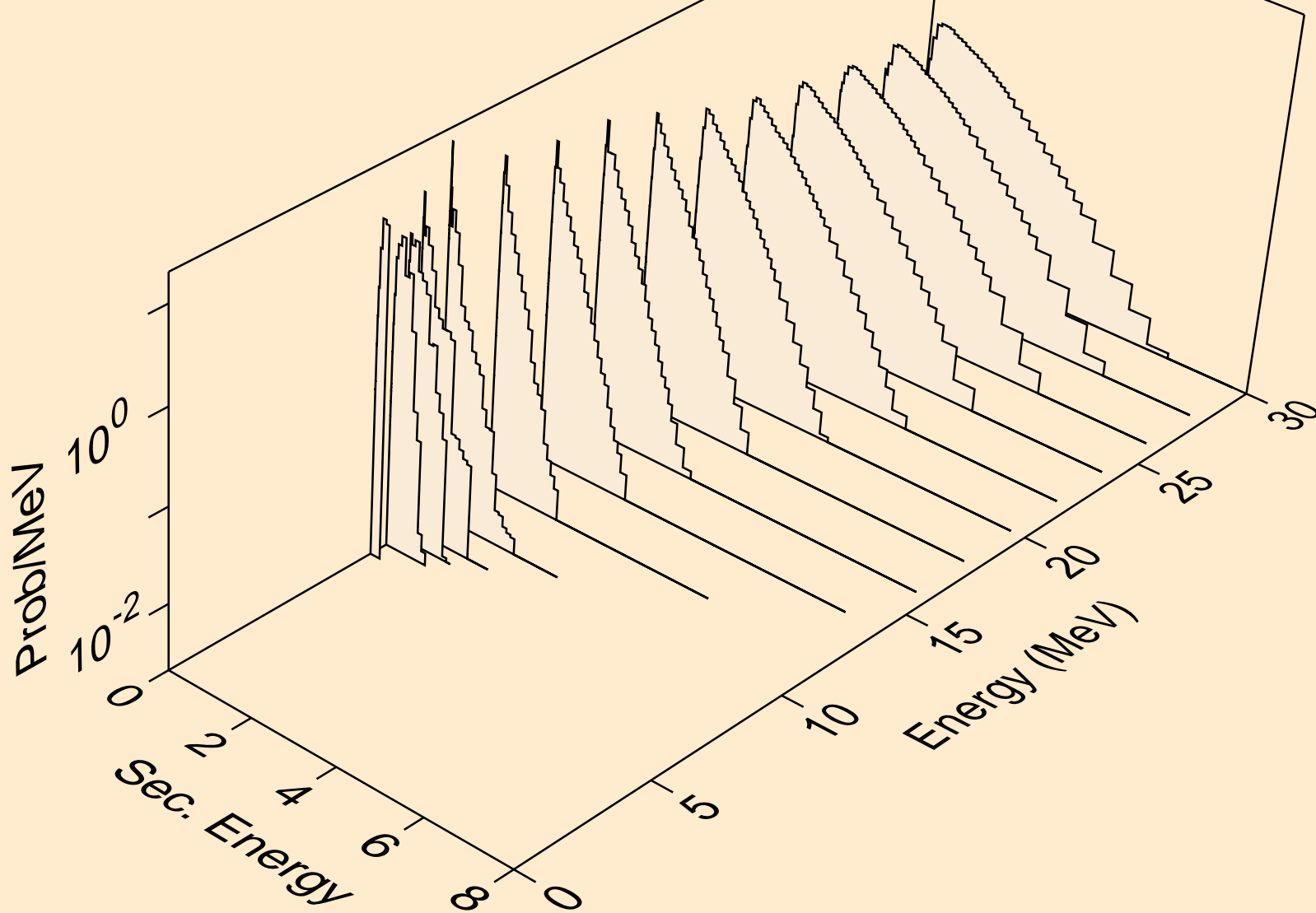
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



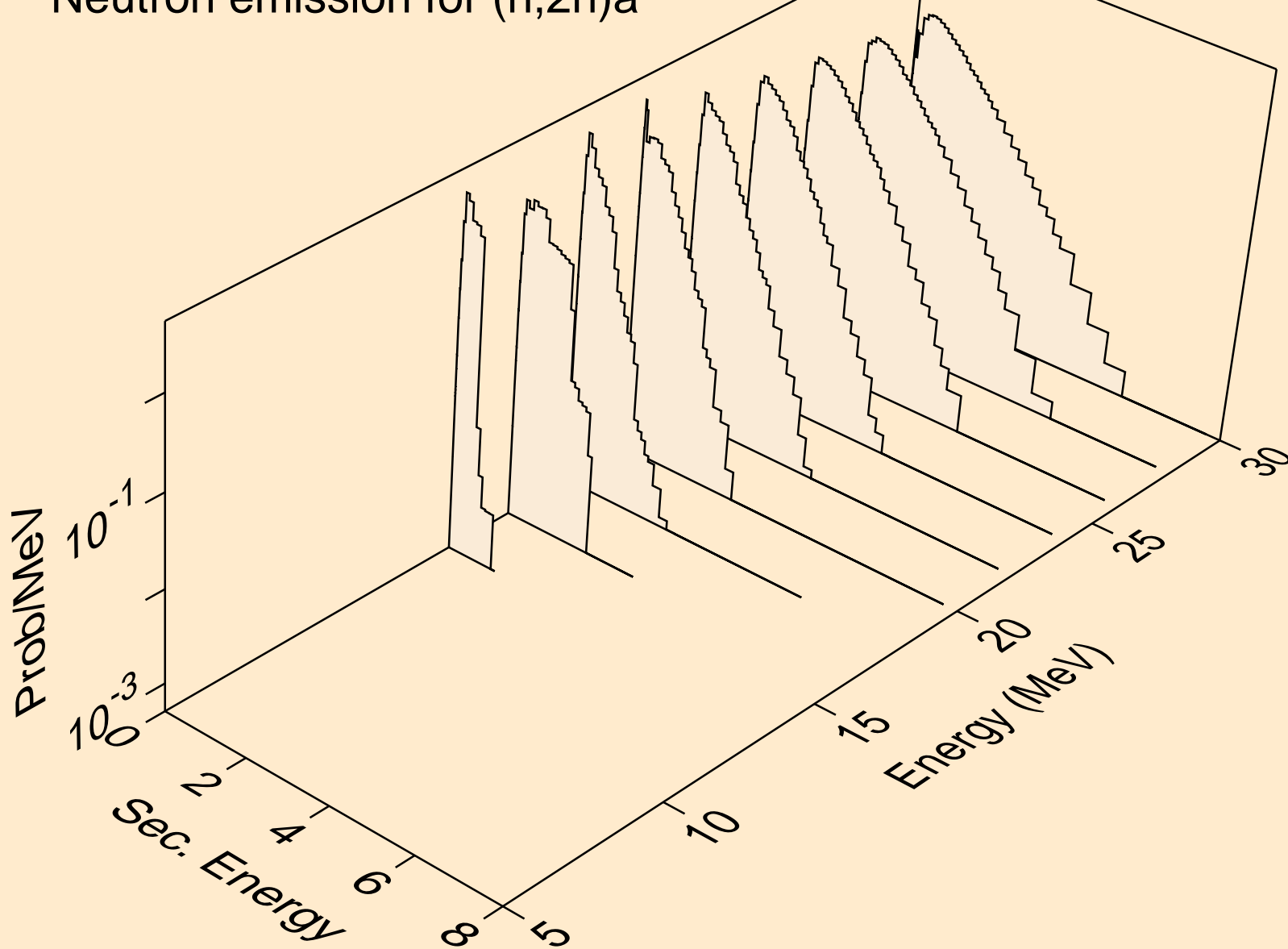
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

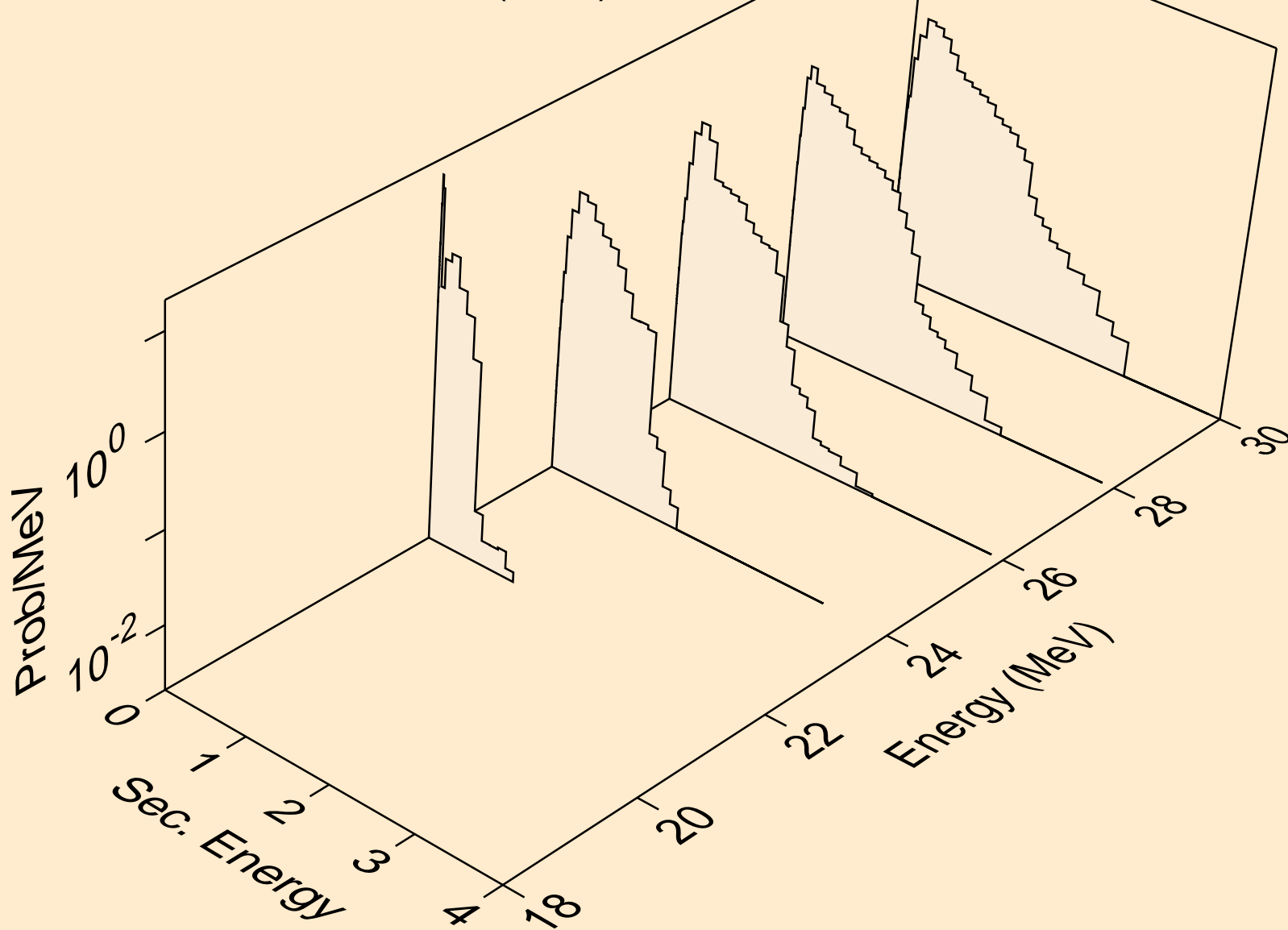


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

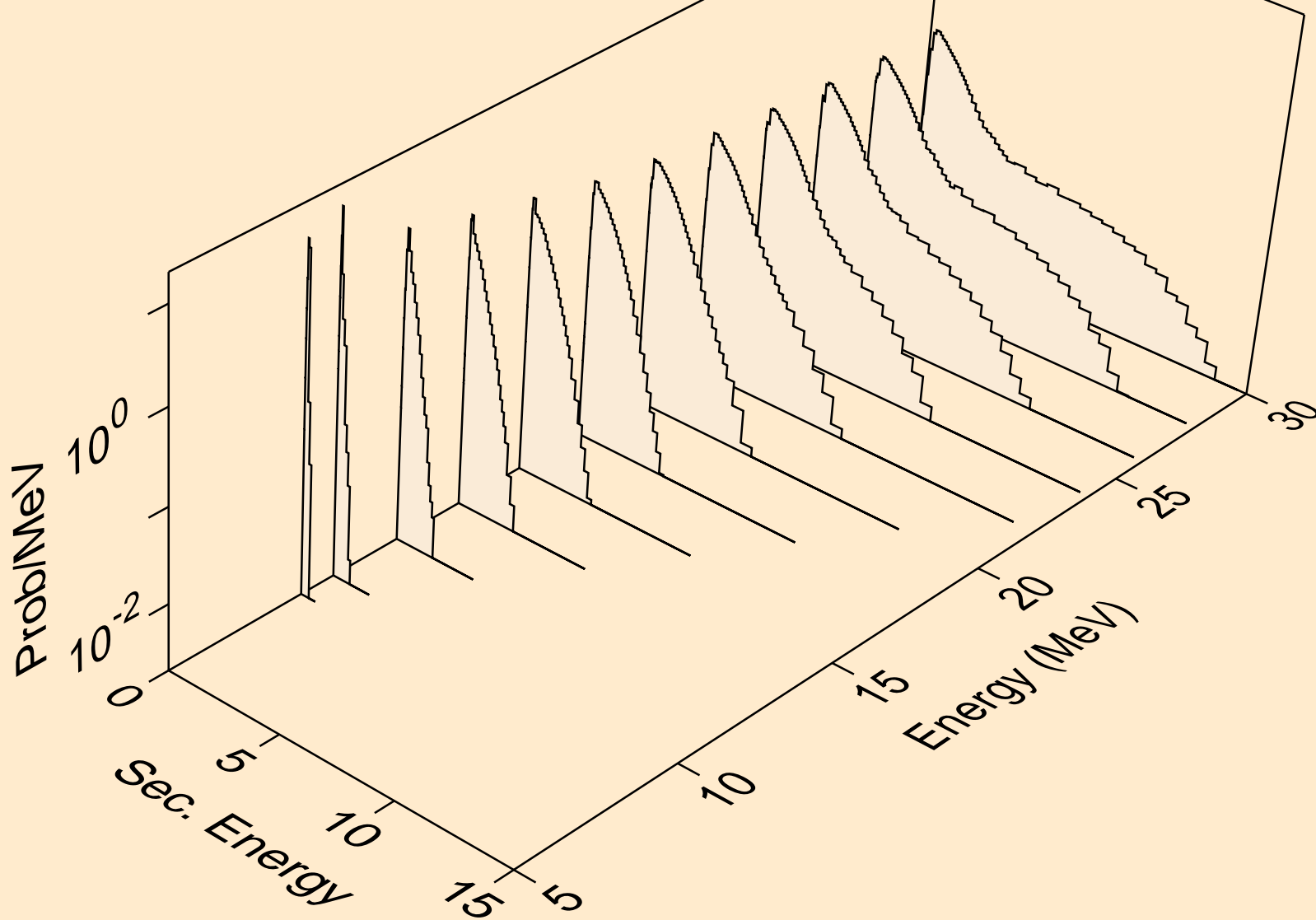




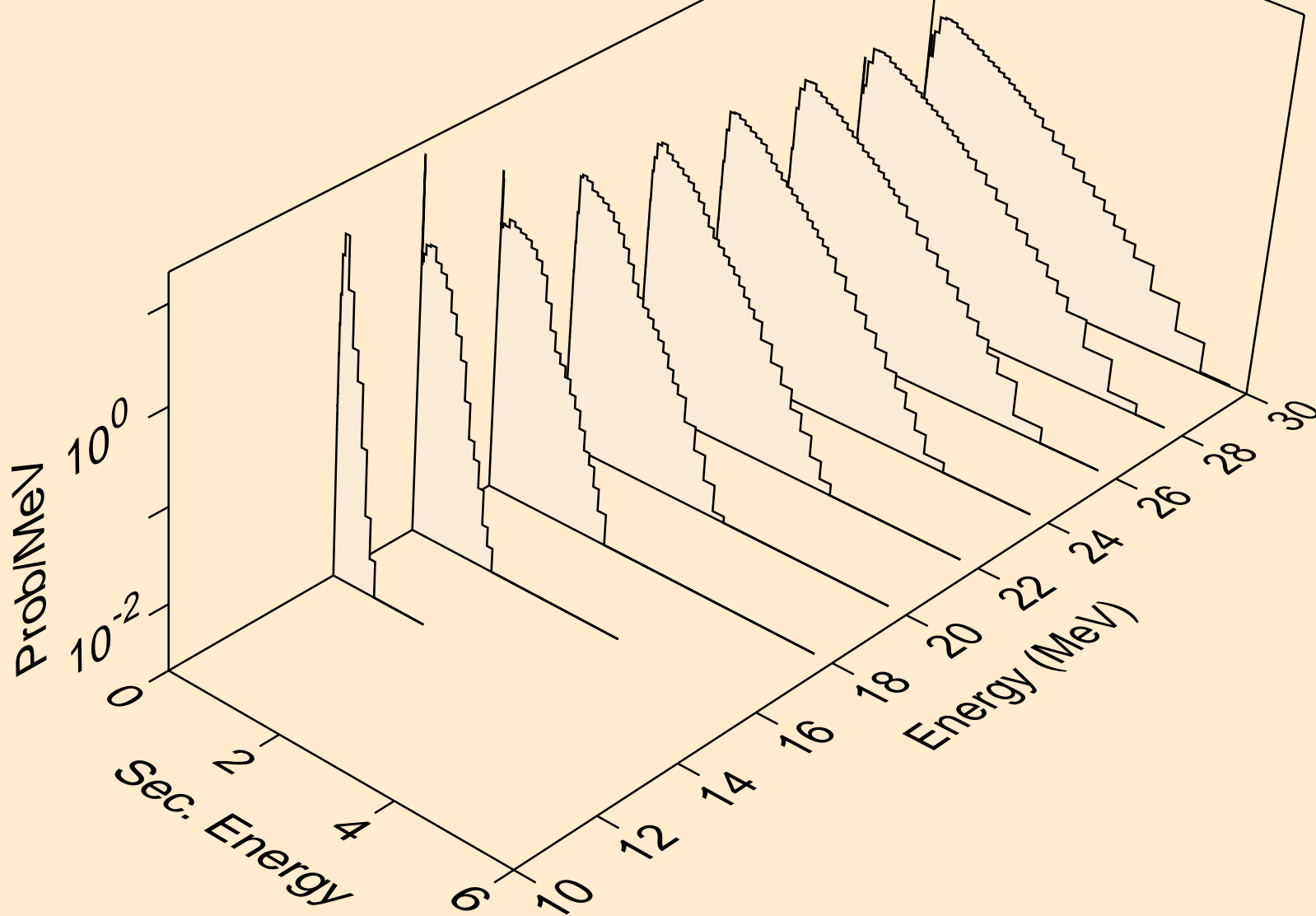
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



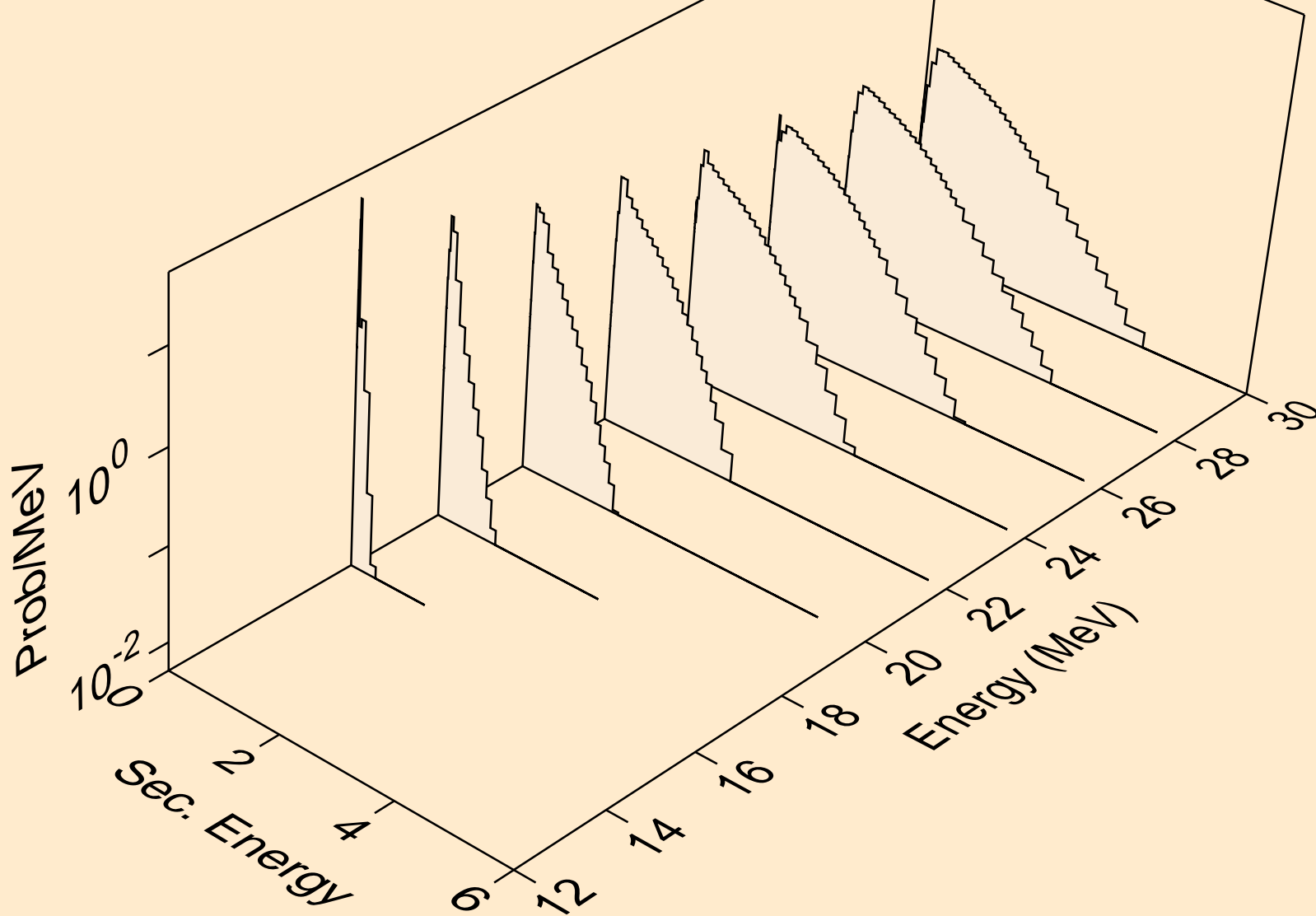
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



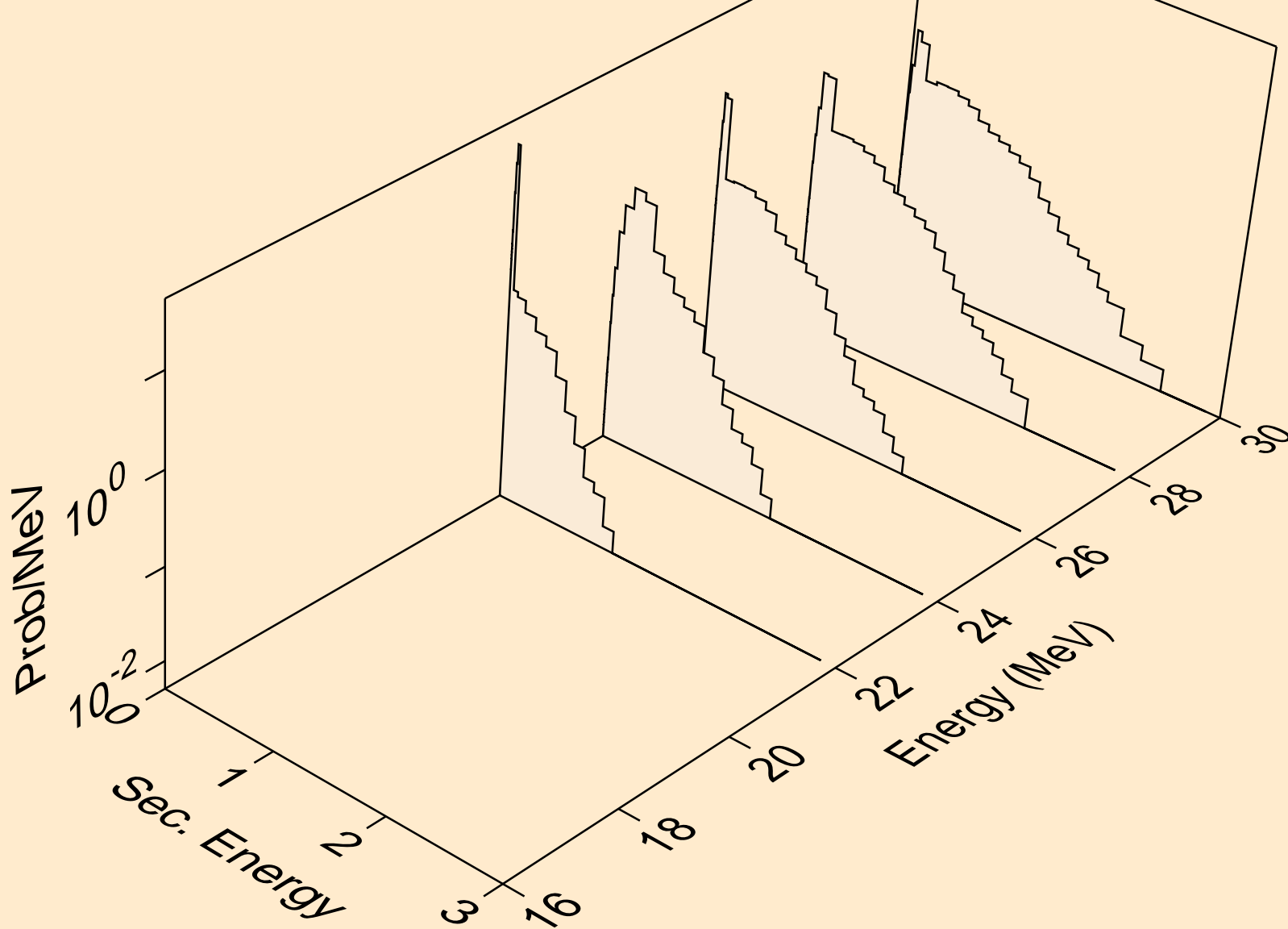
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



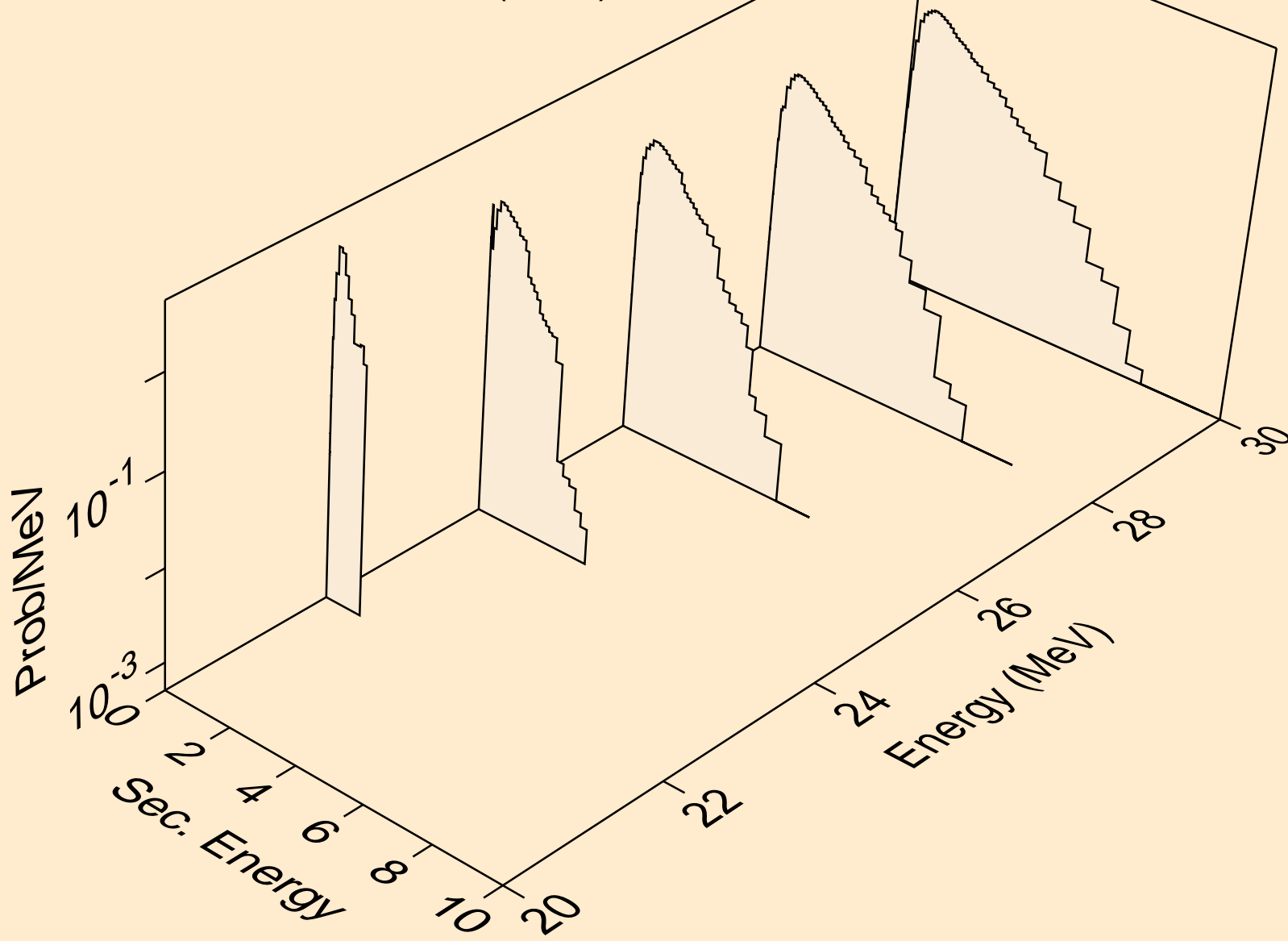
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



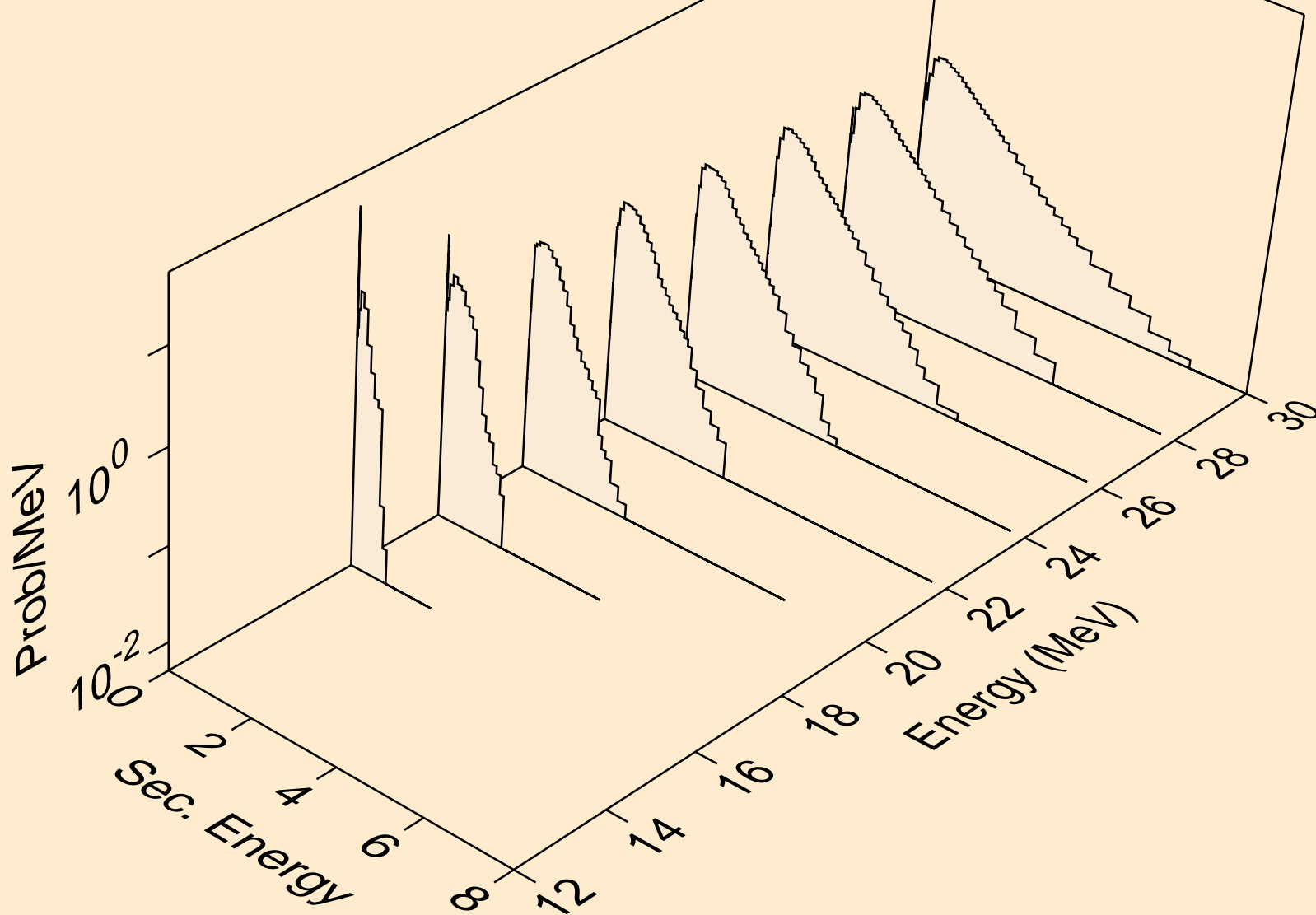
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



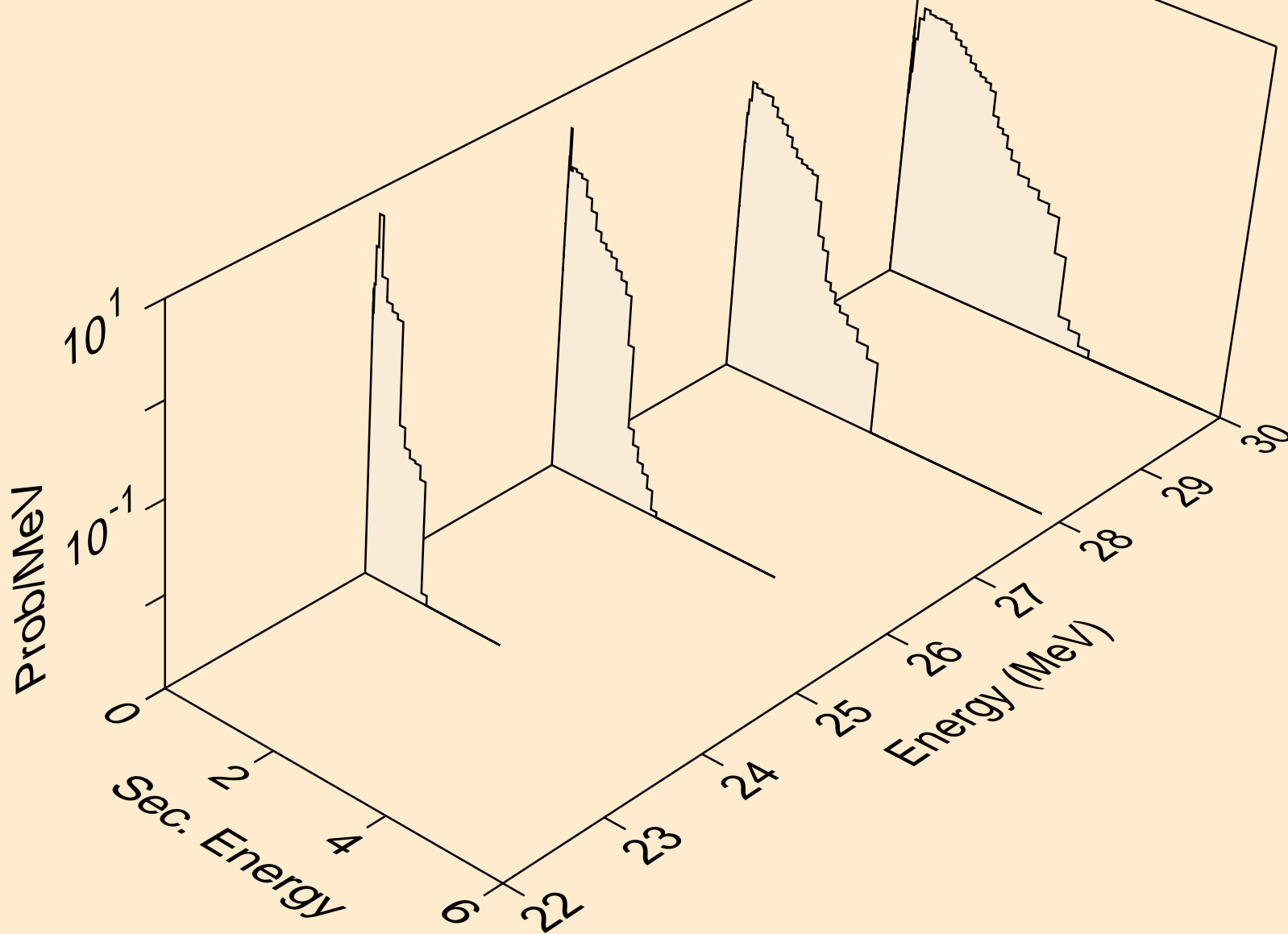
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

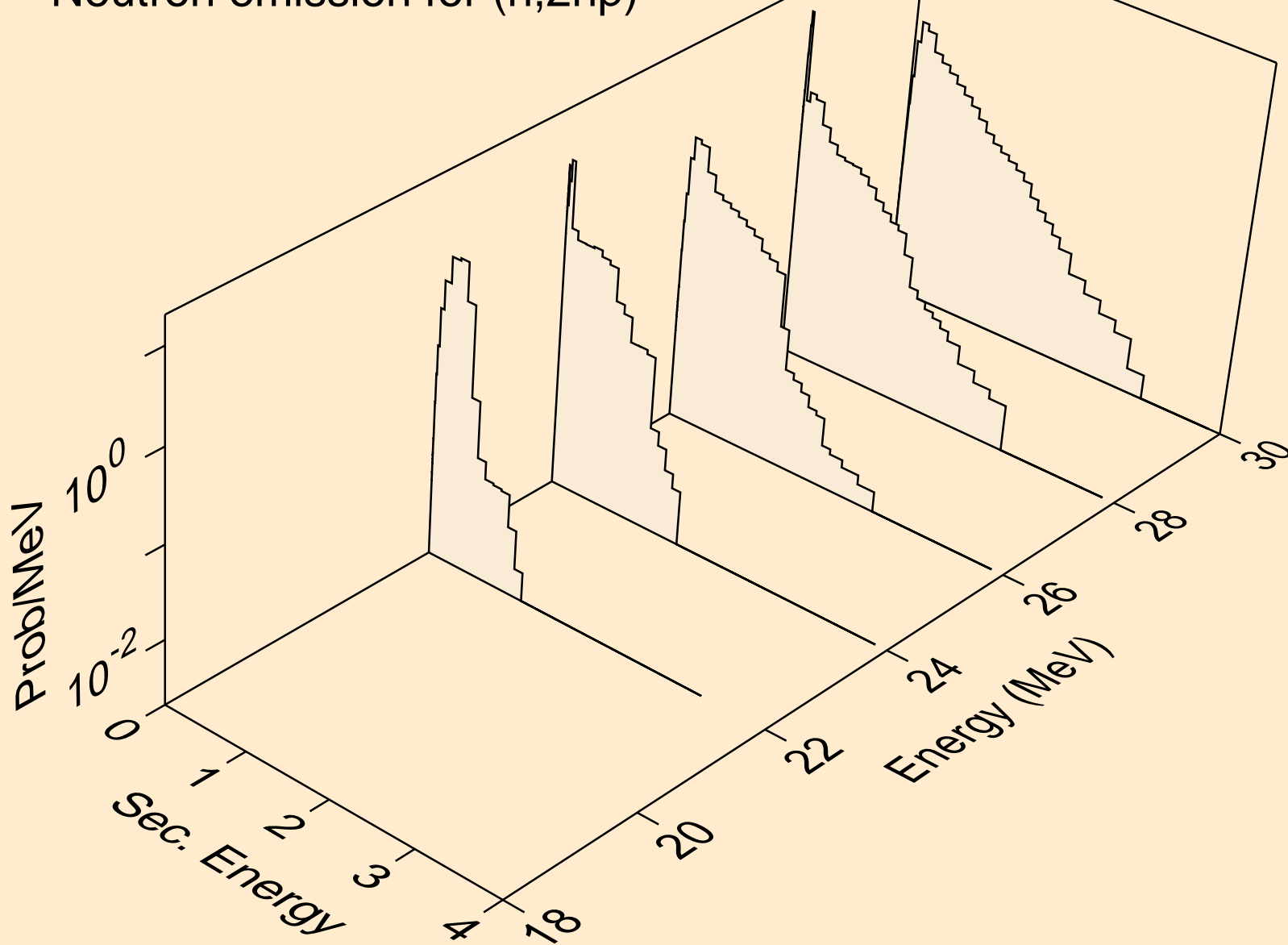


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

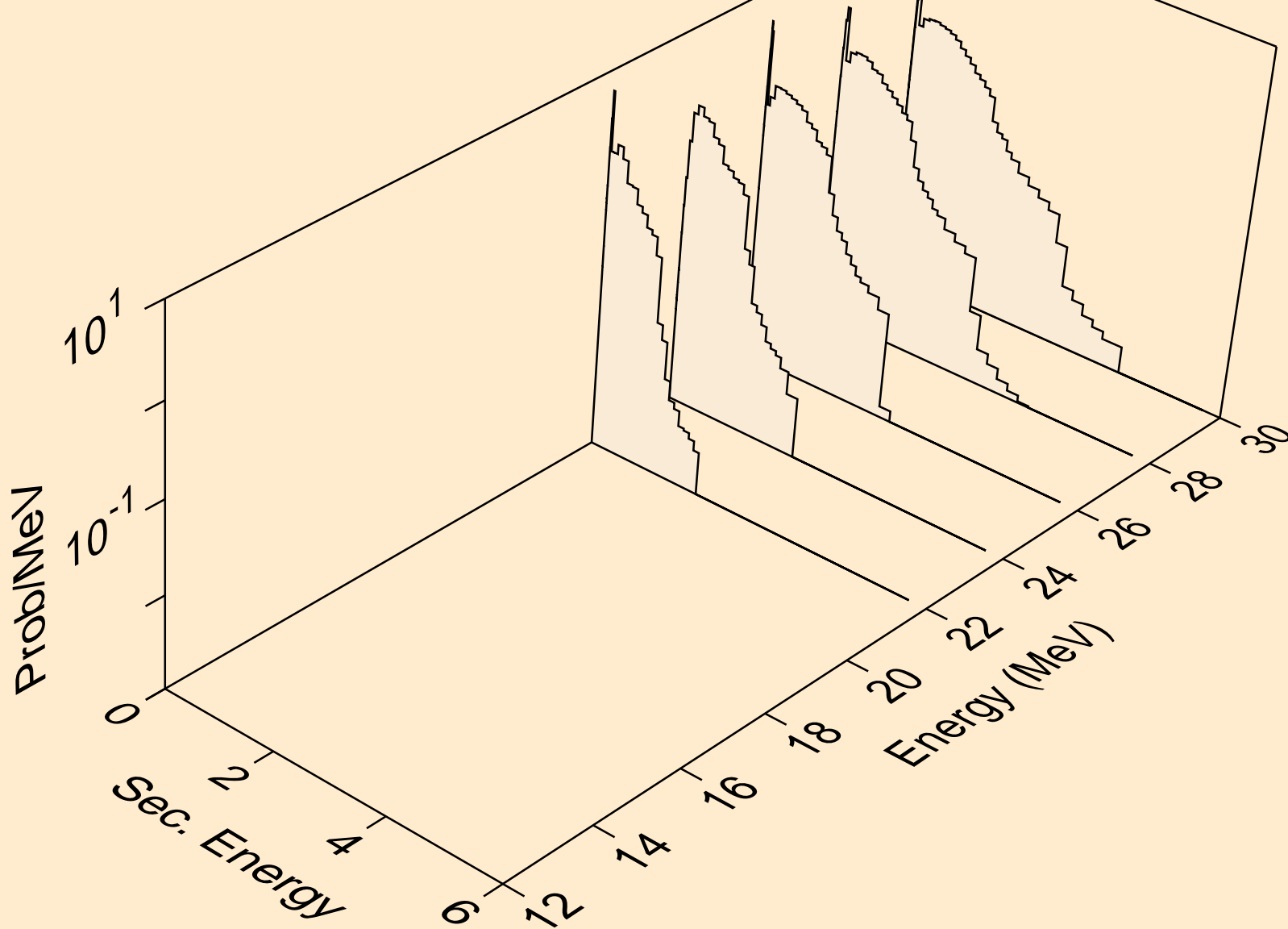




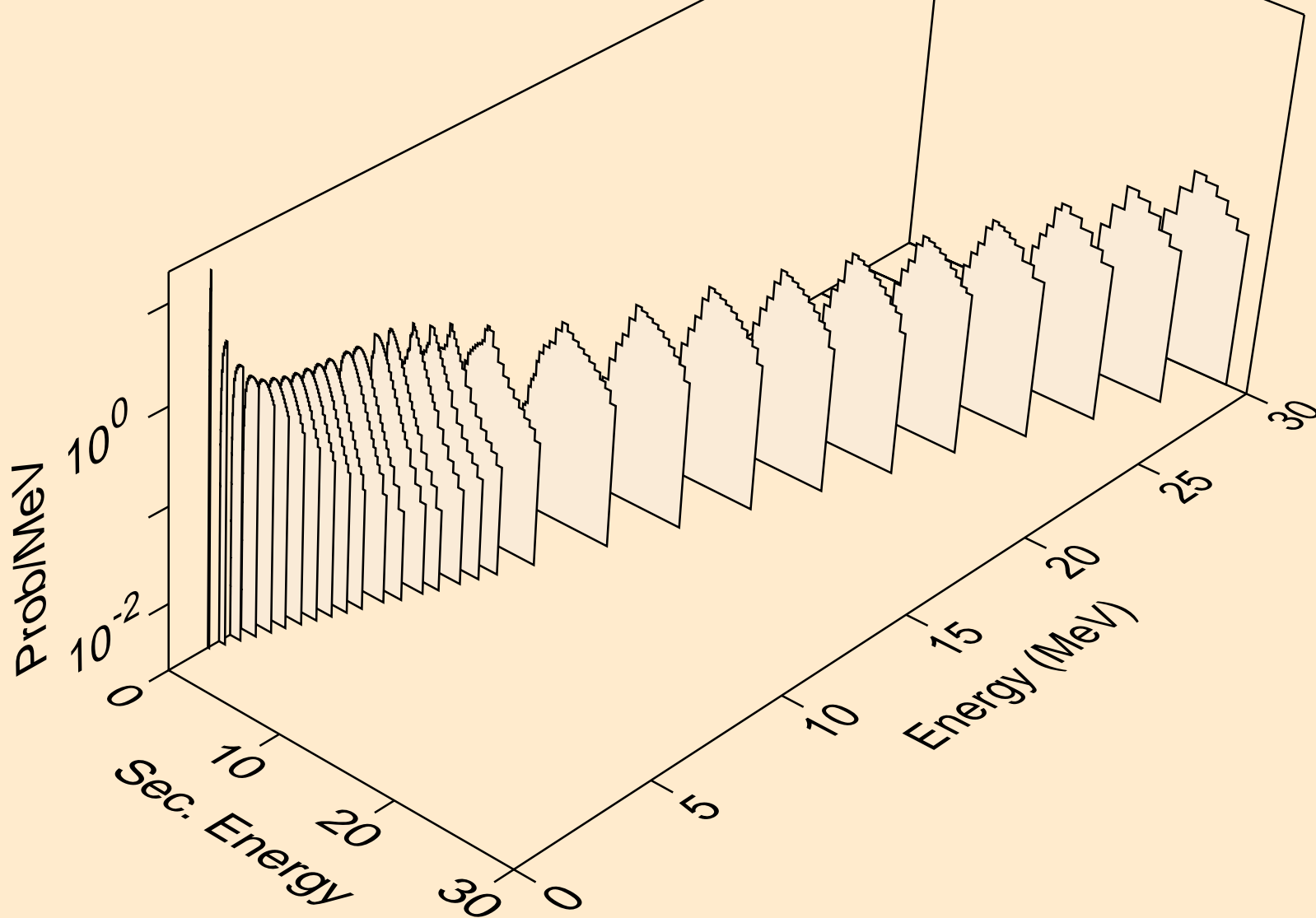
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



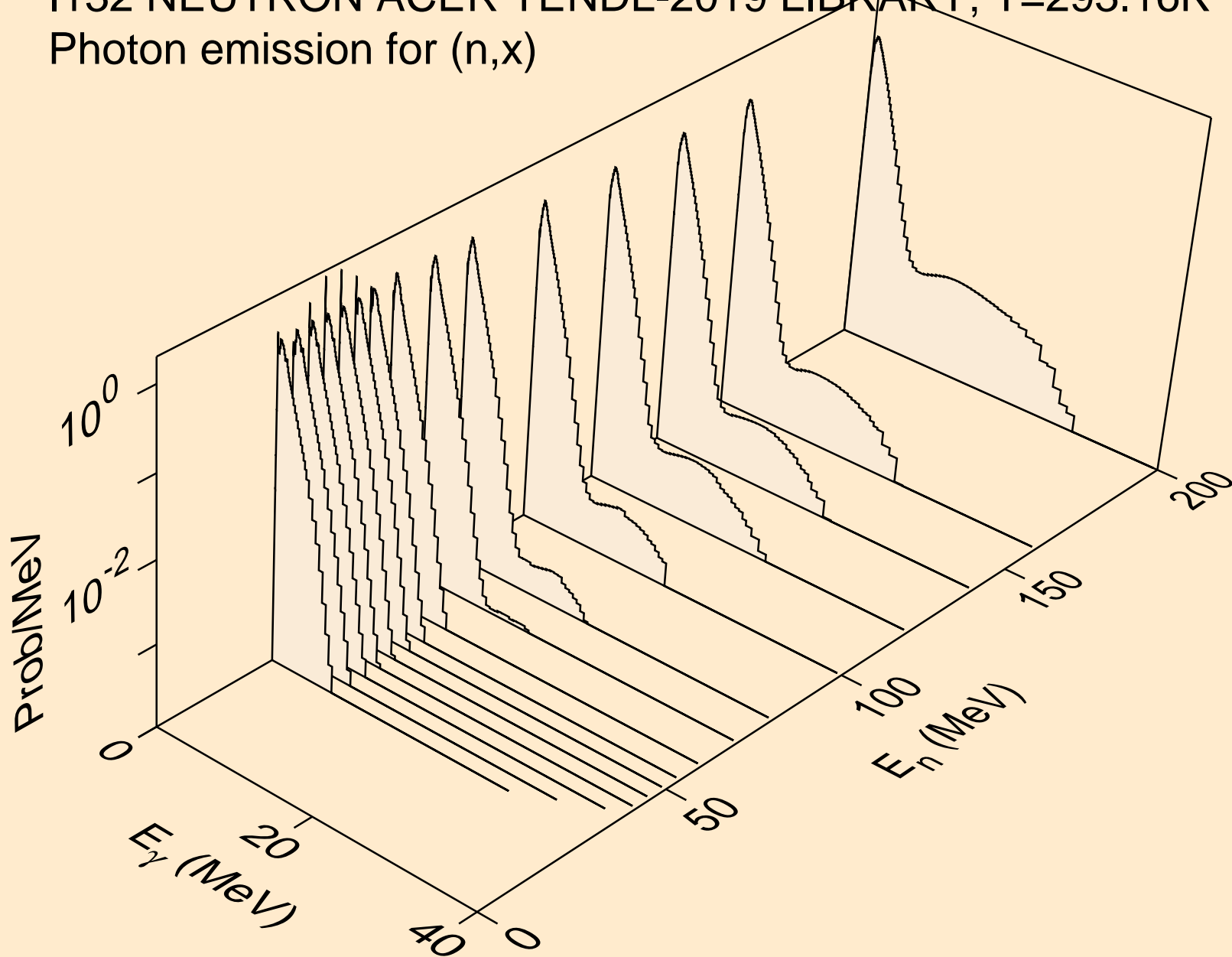
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



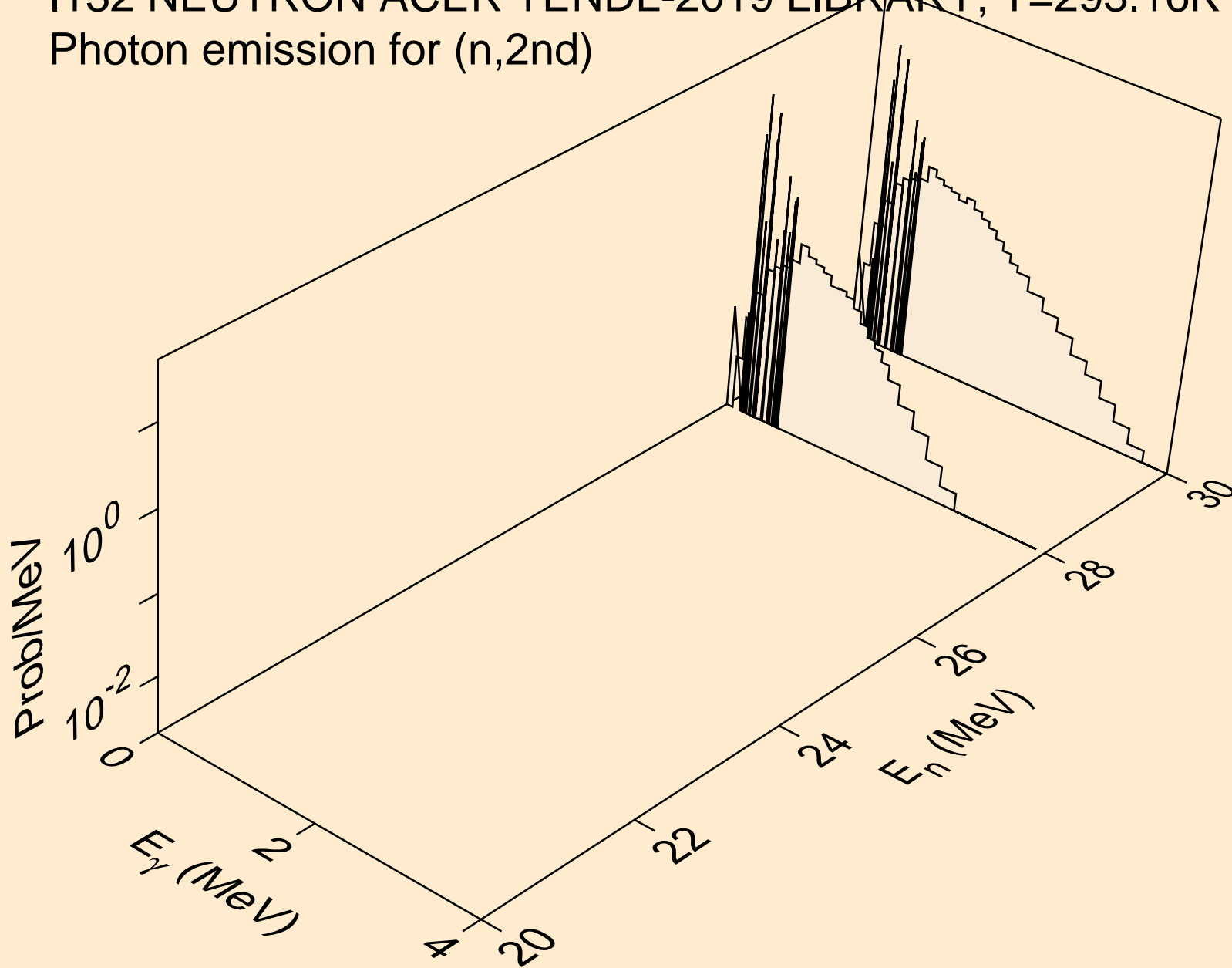
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



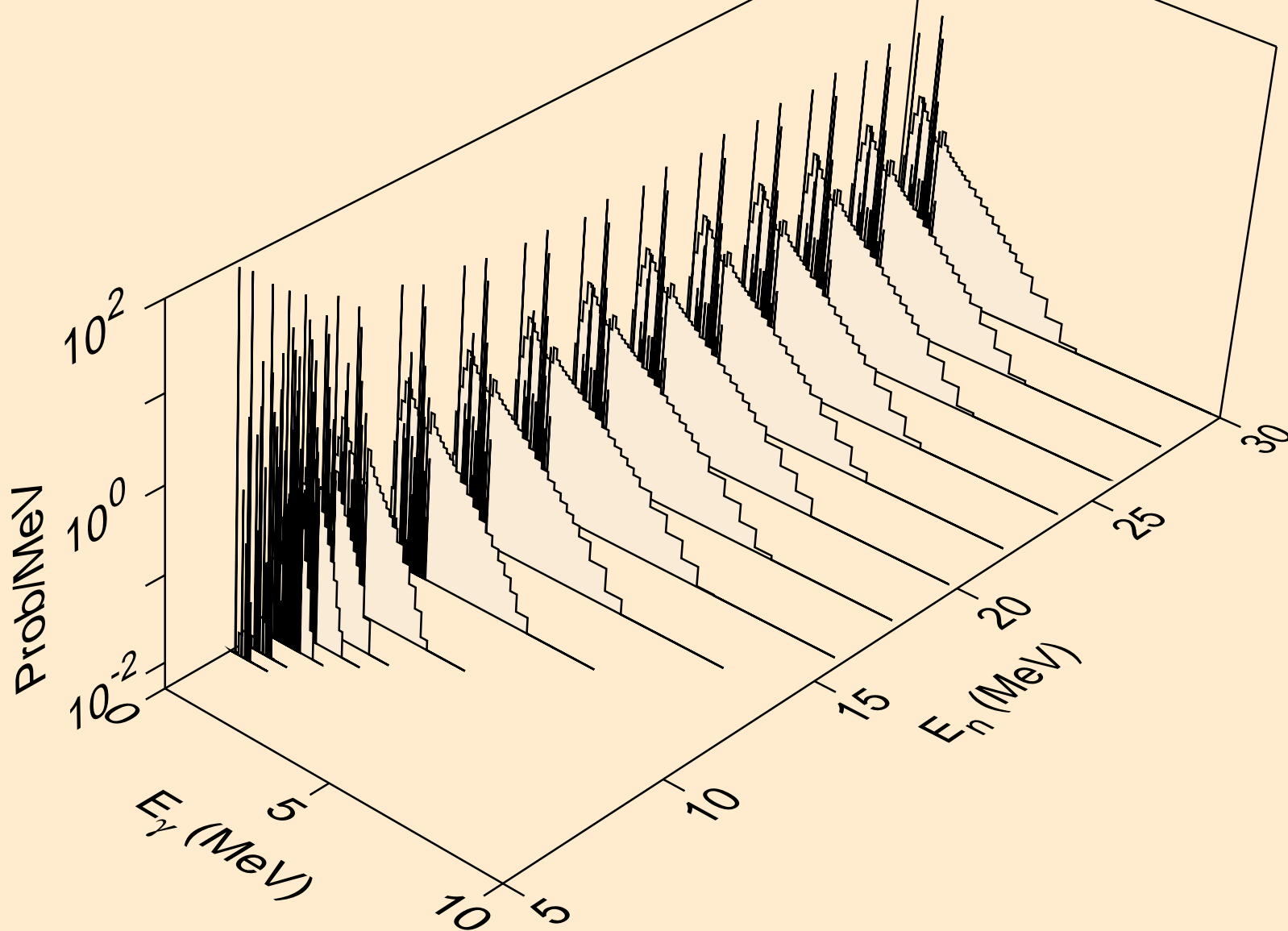
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



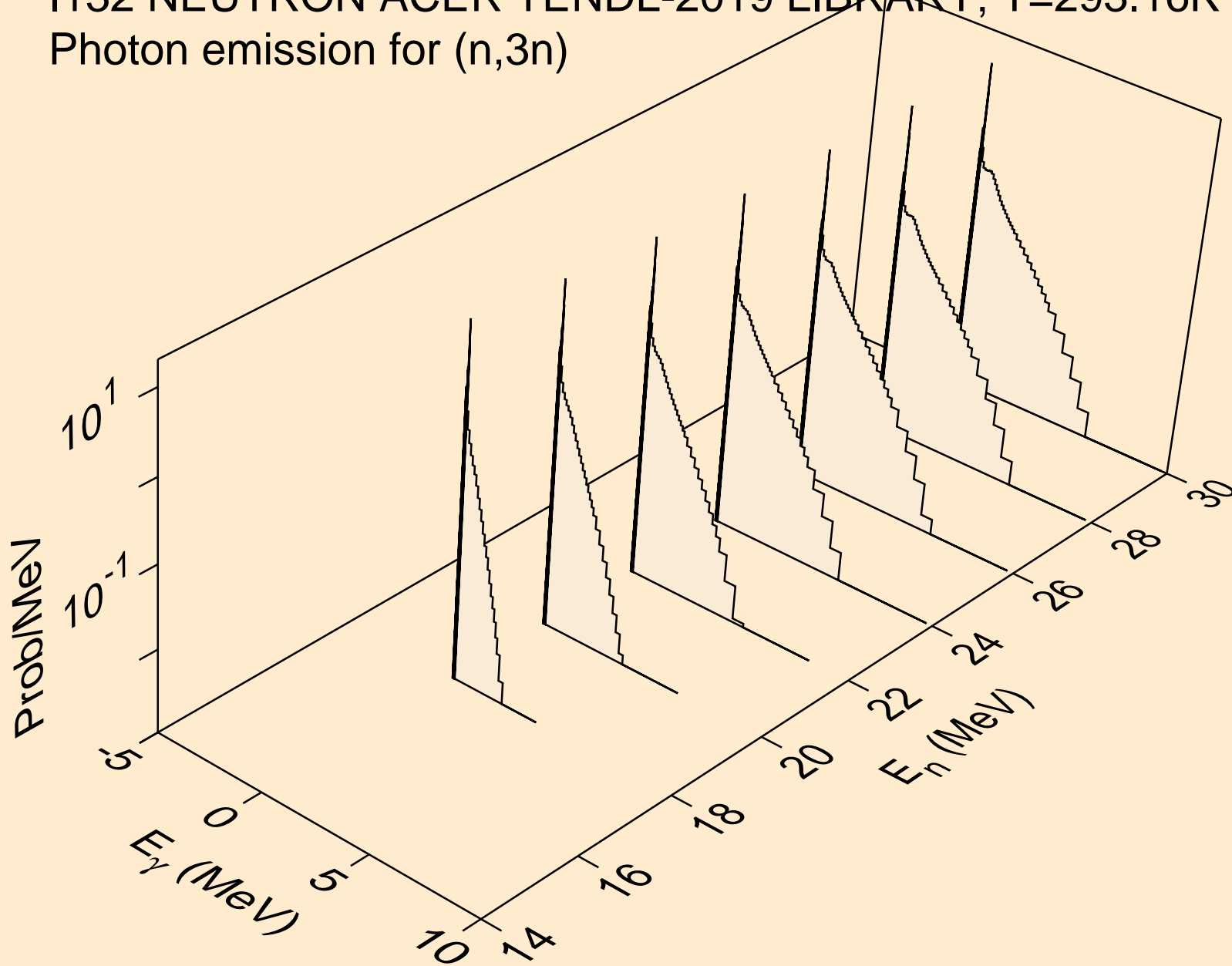
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



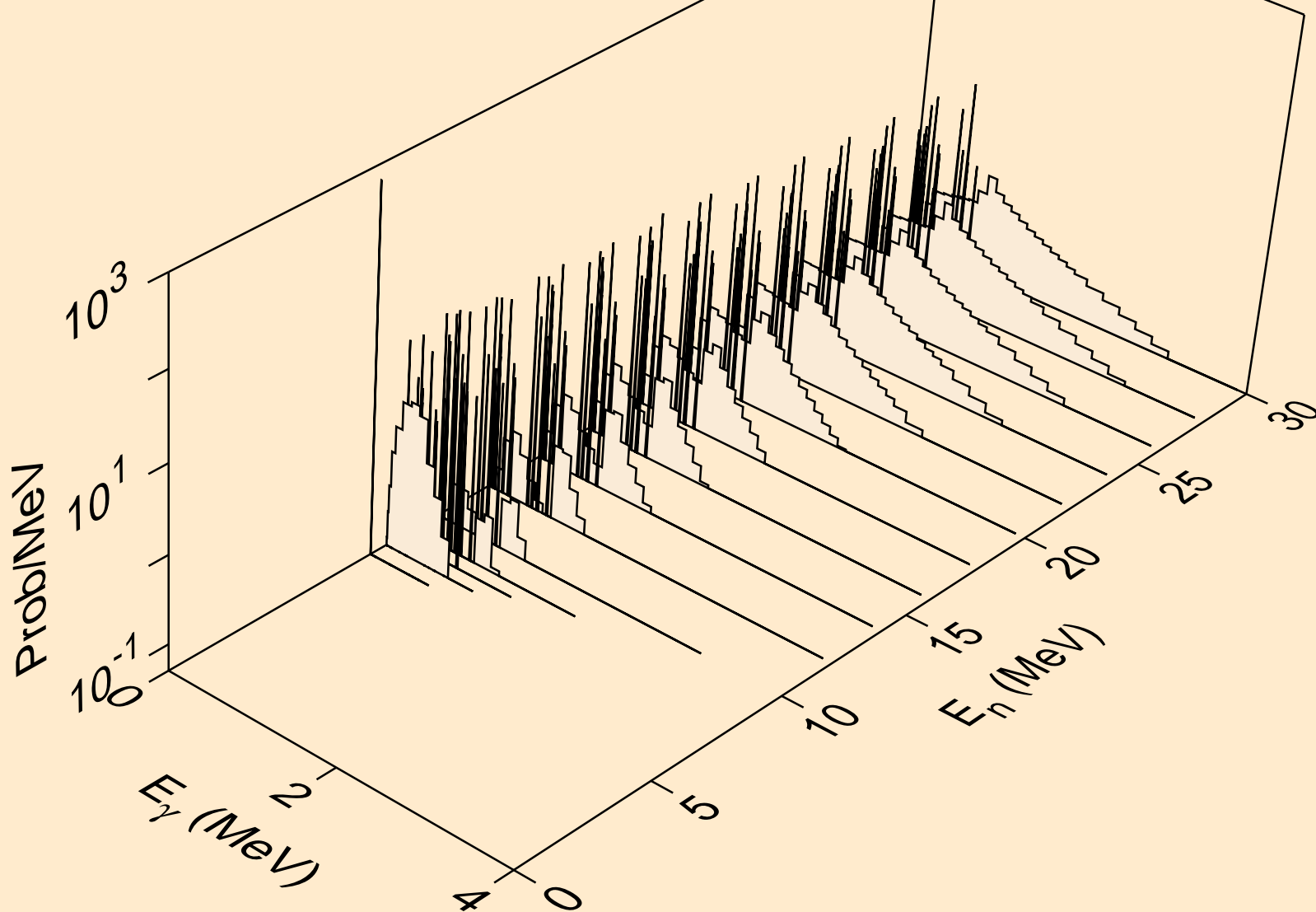
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)

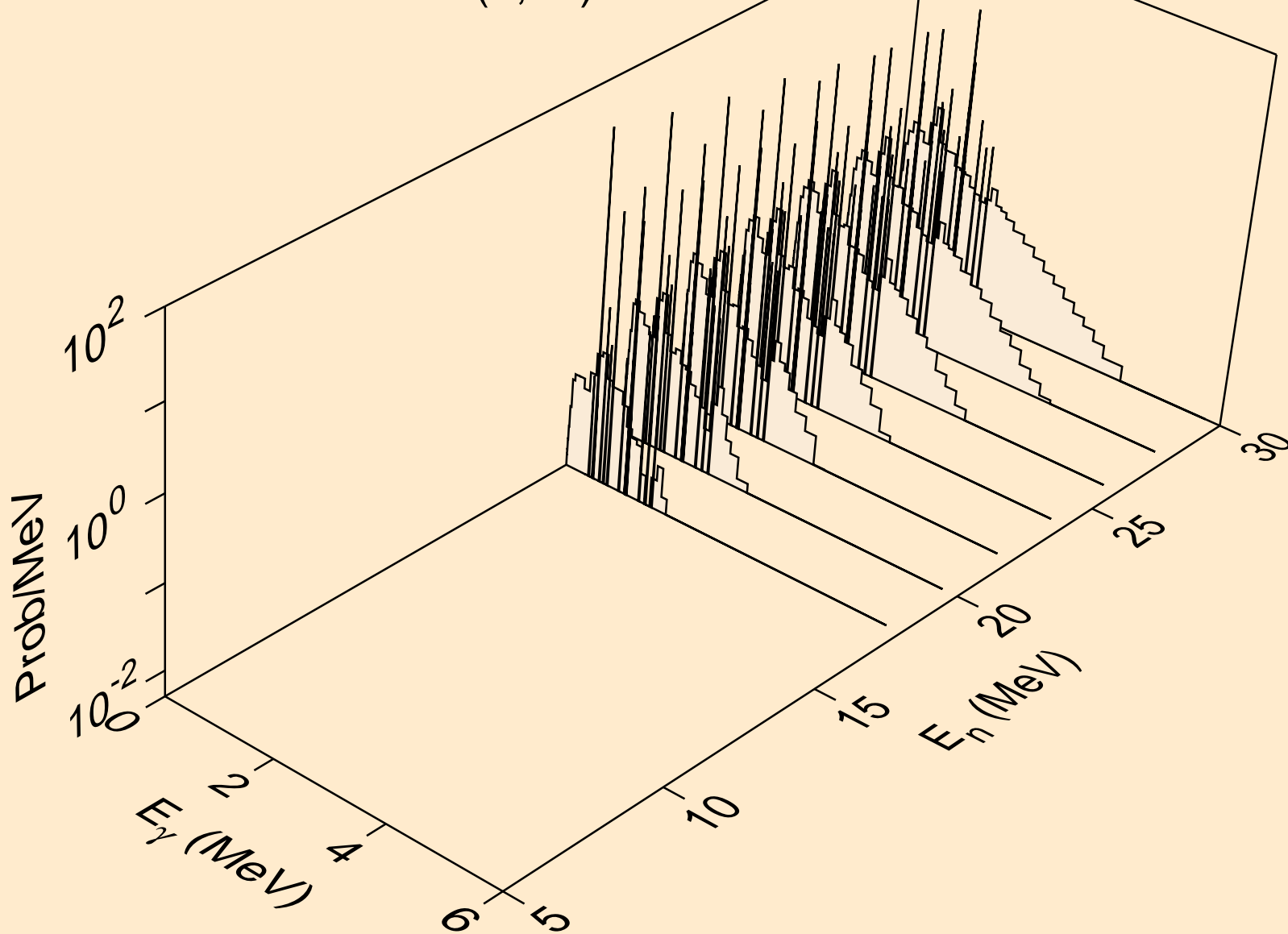


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

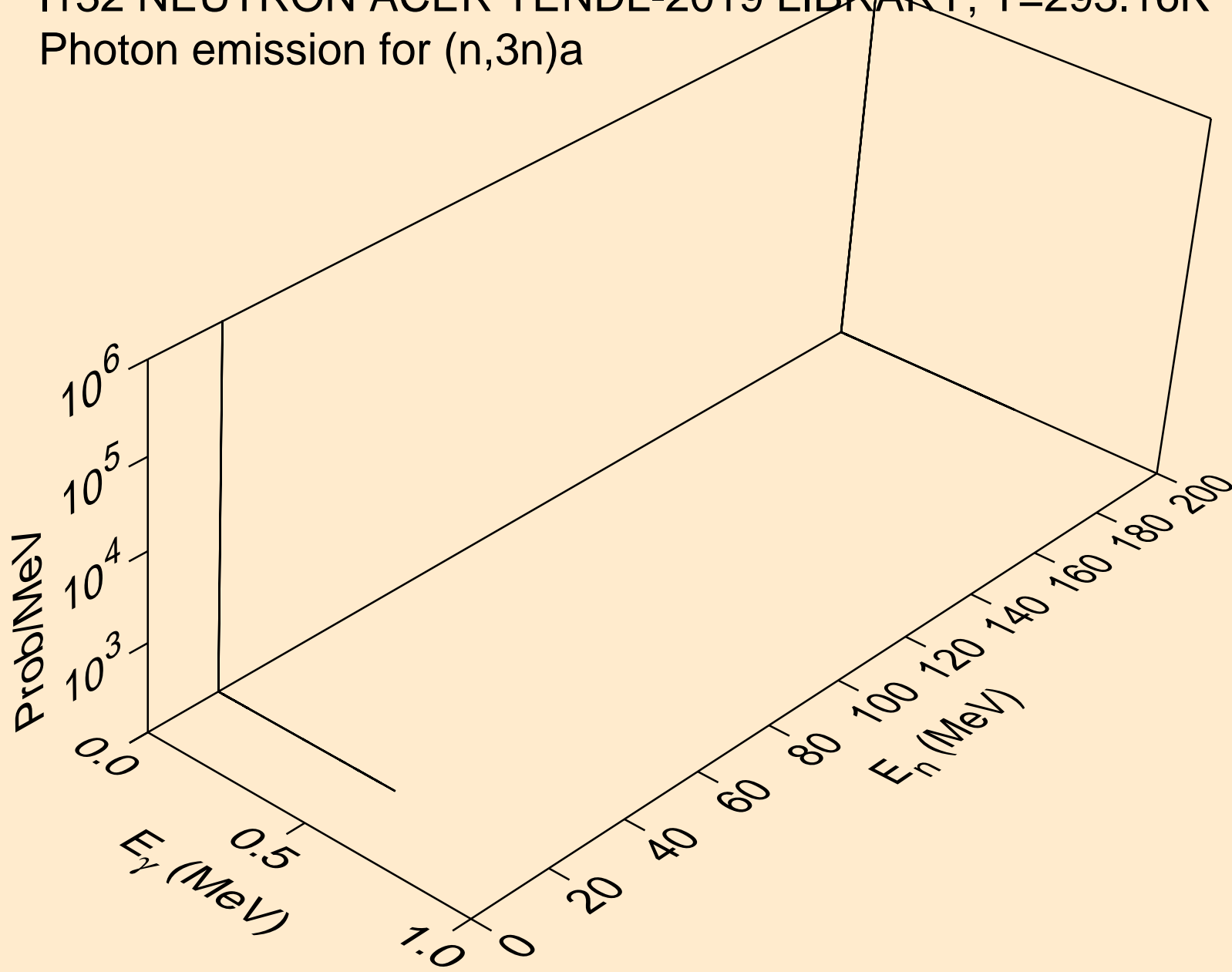




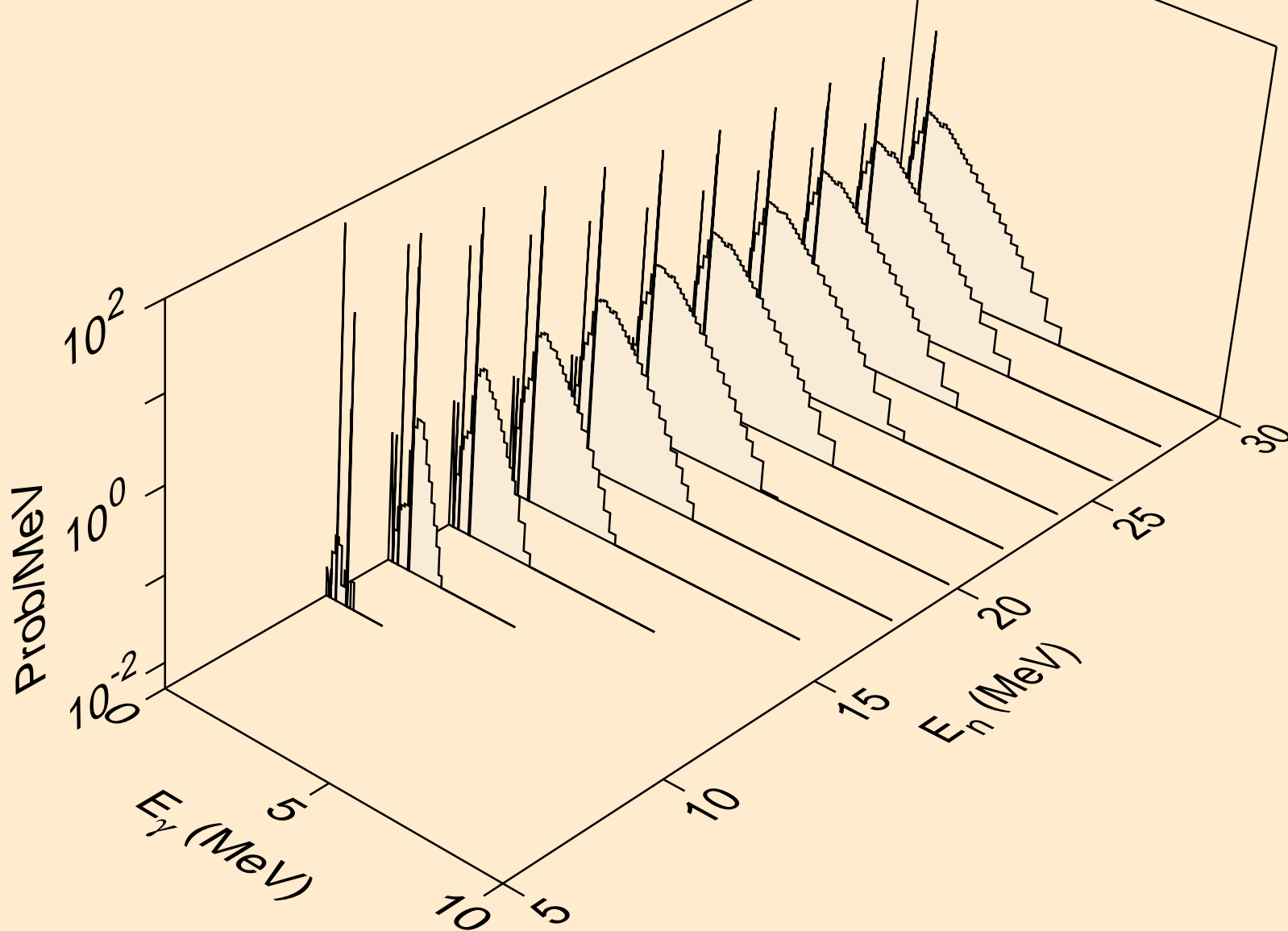
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



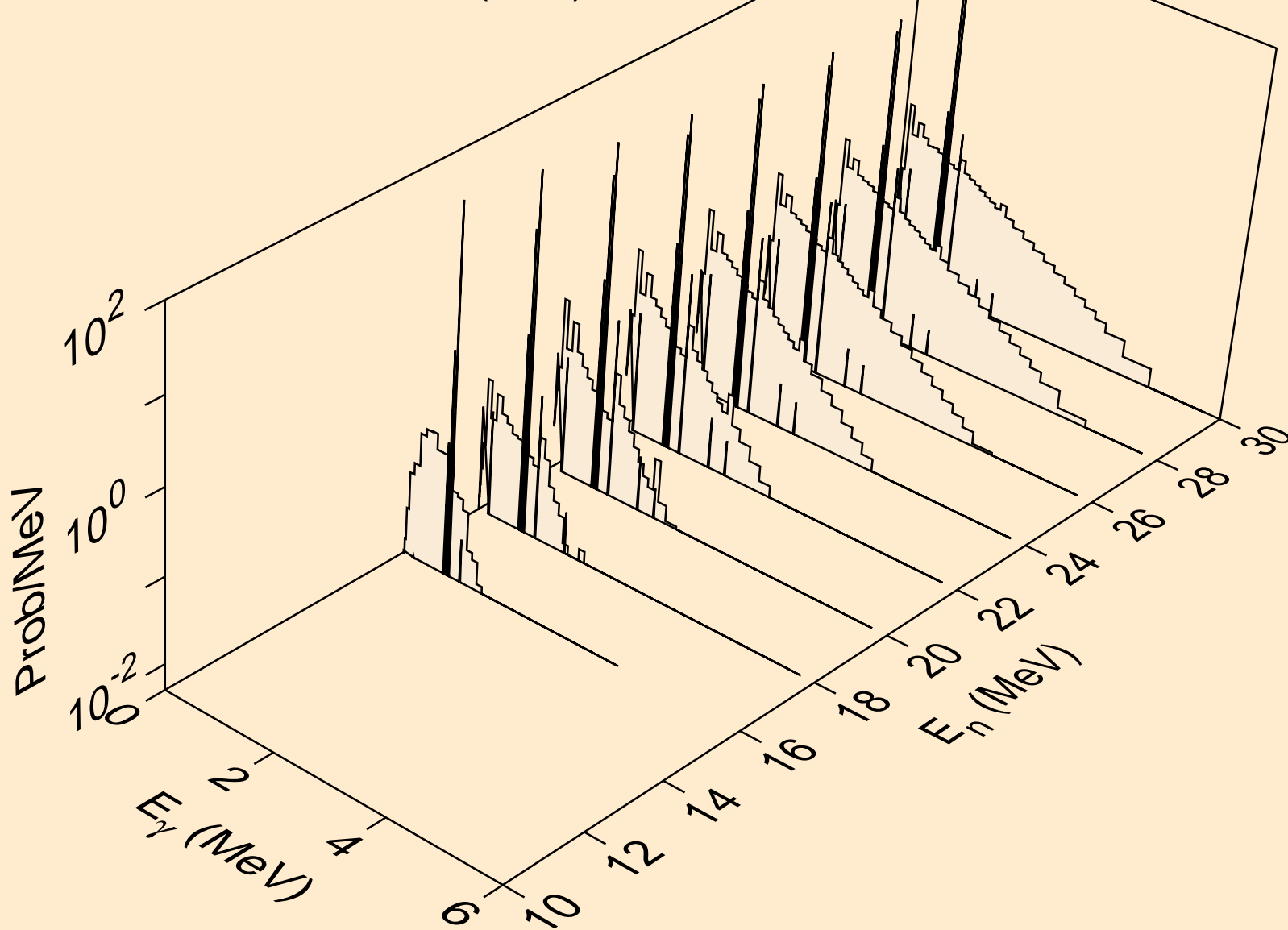
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



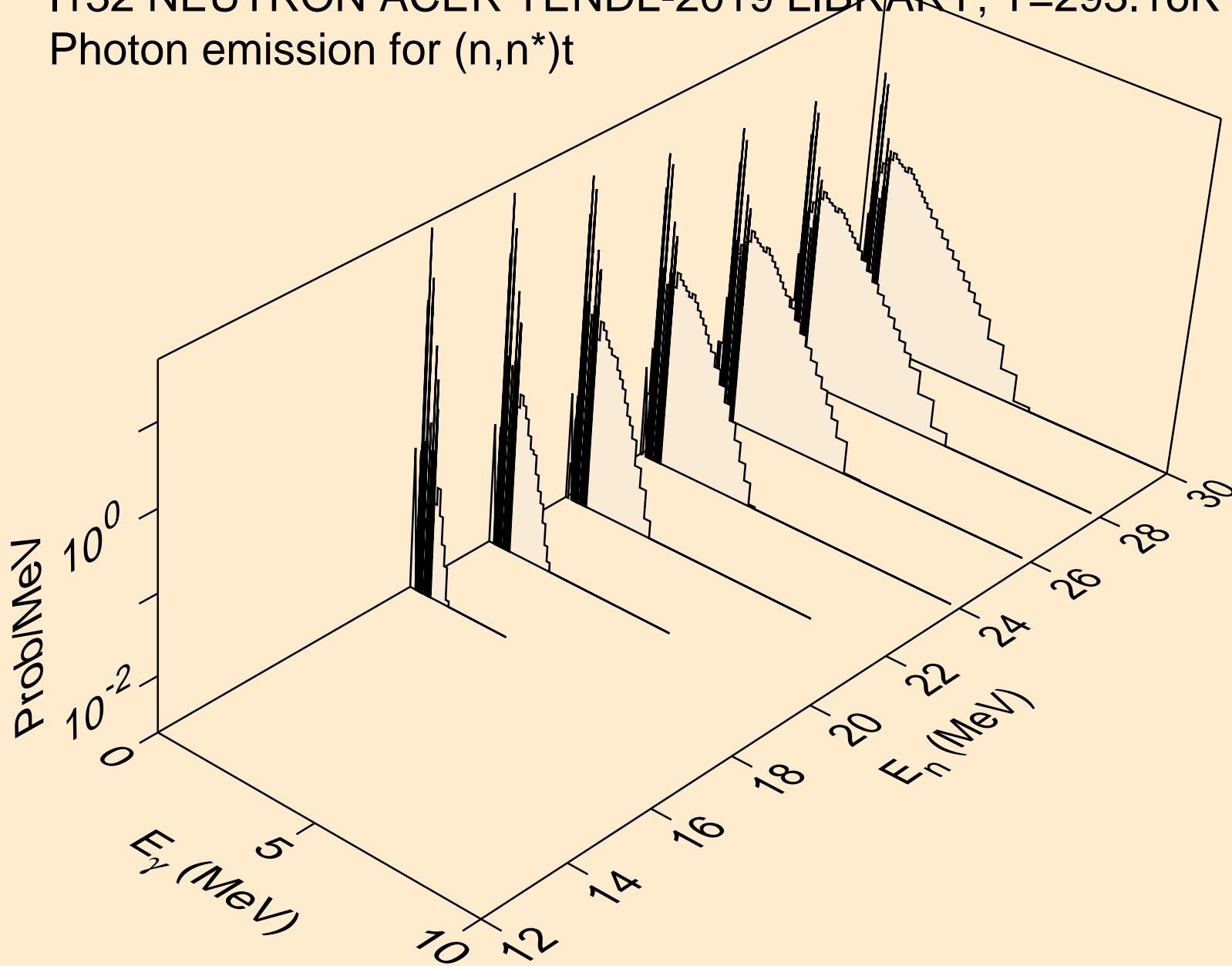
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



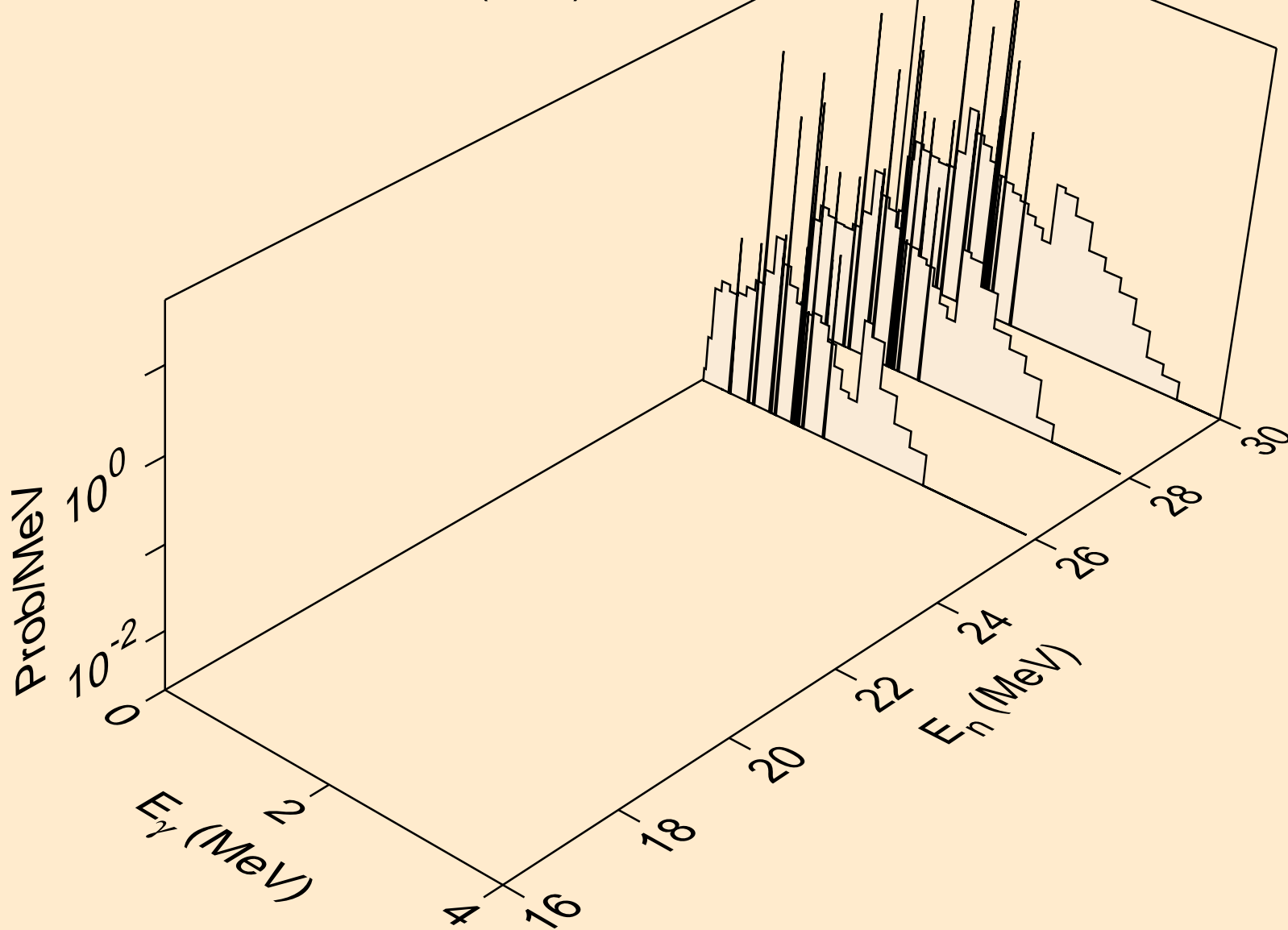
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



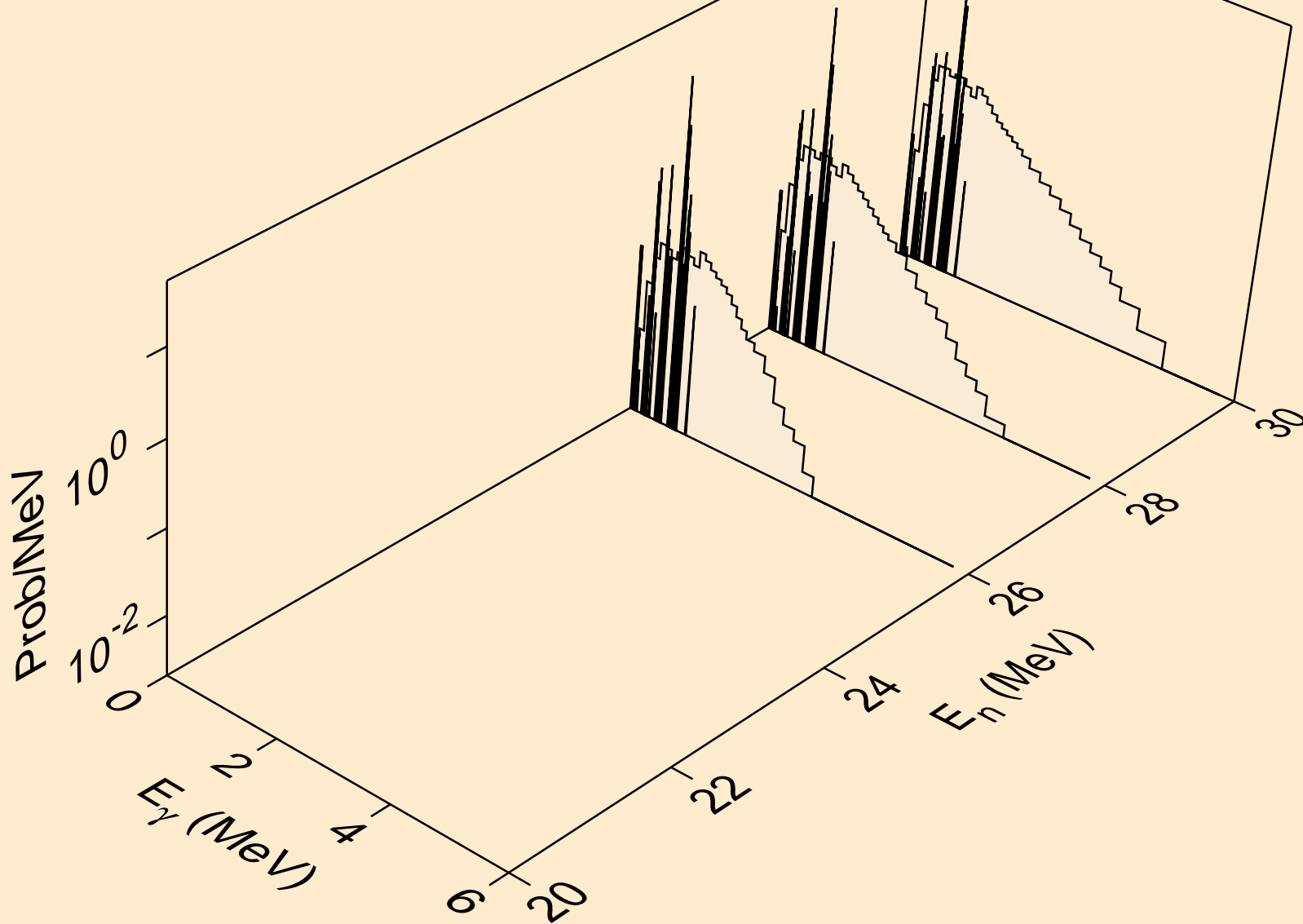
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



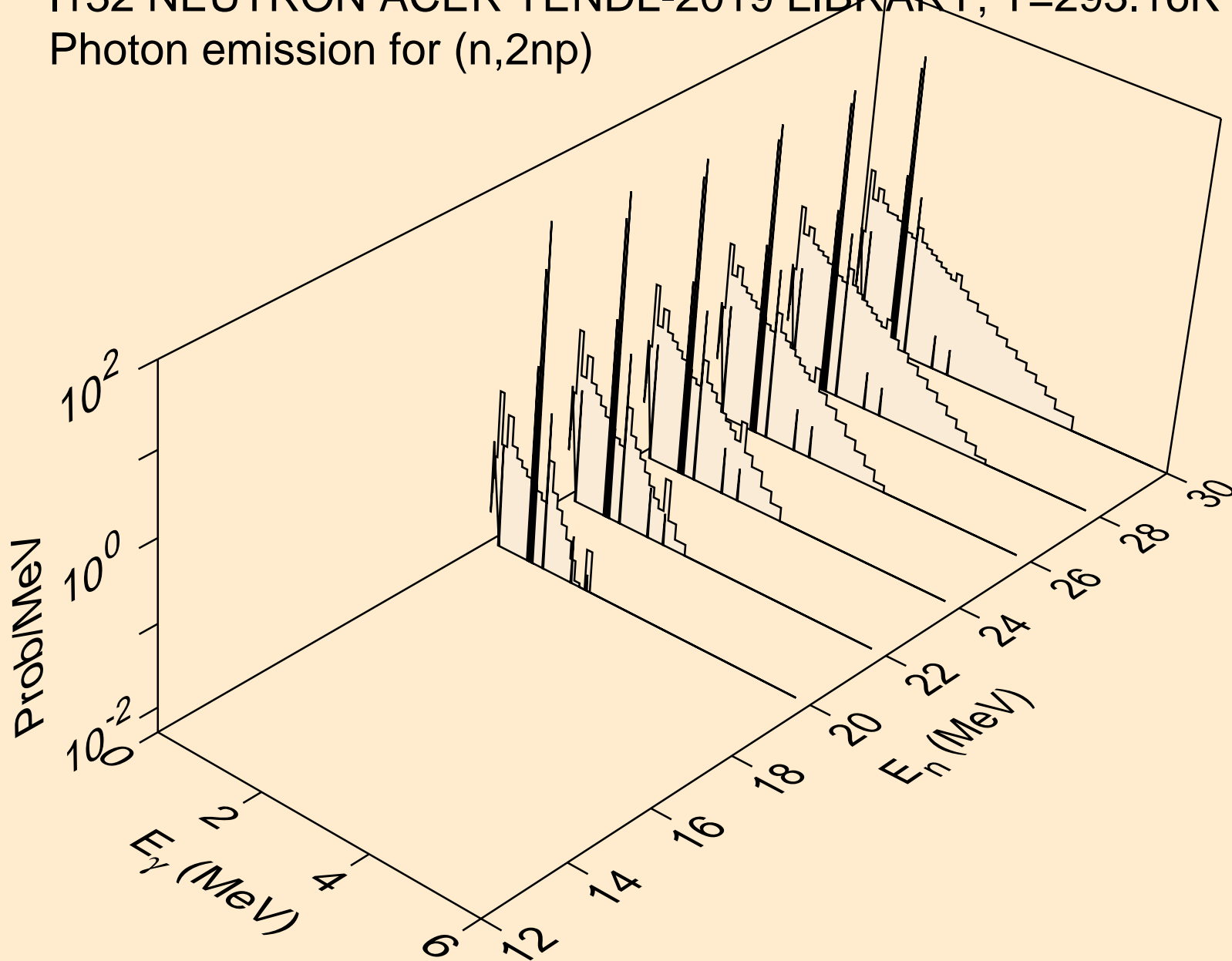
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)

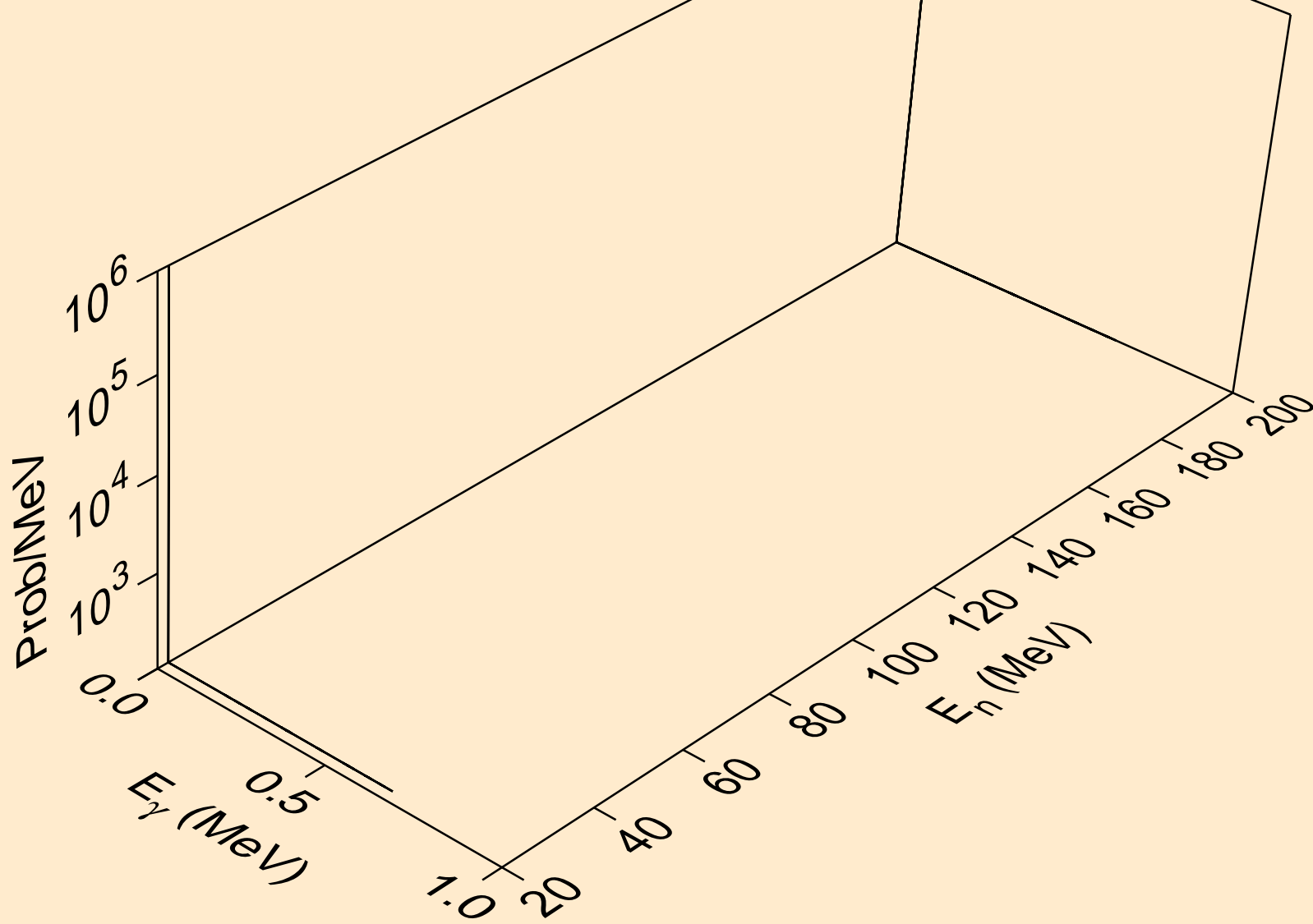


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

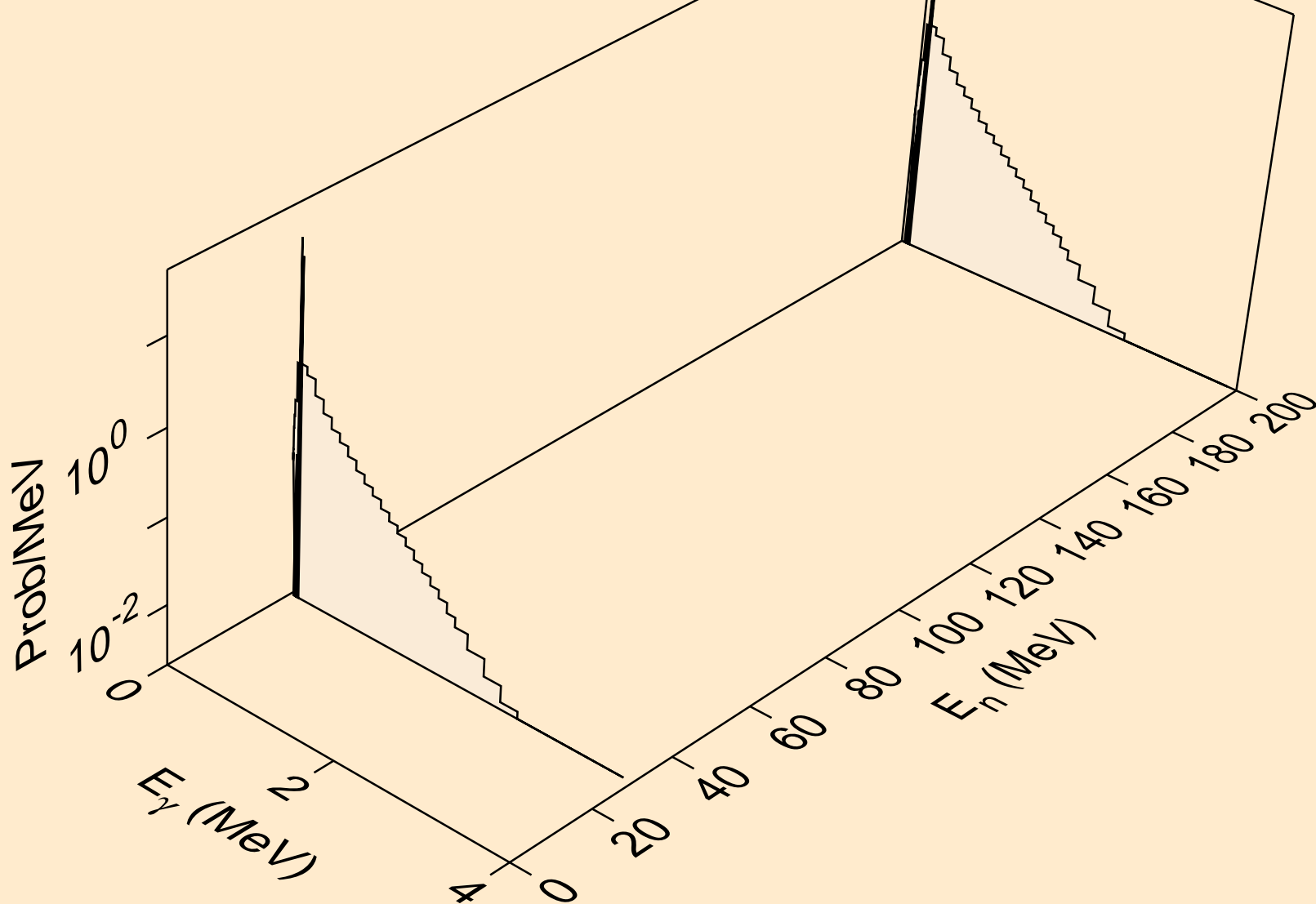




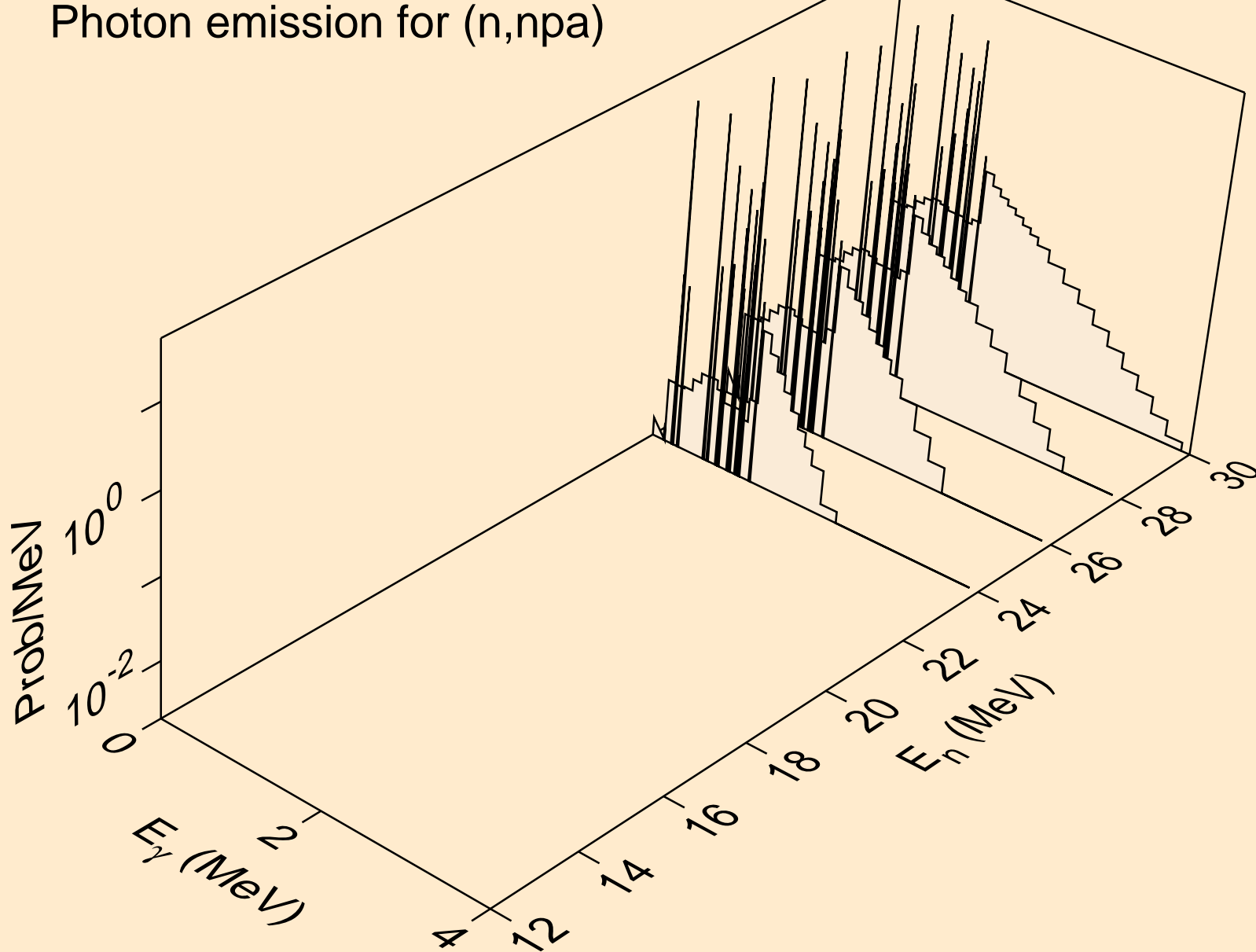
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Photon emission for (n,3np)



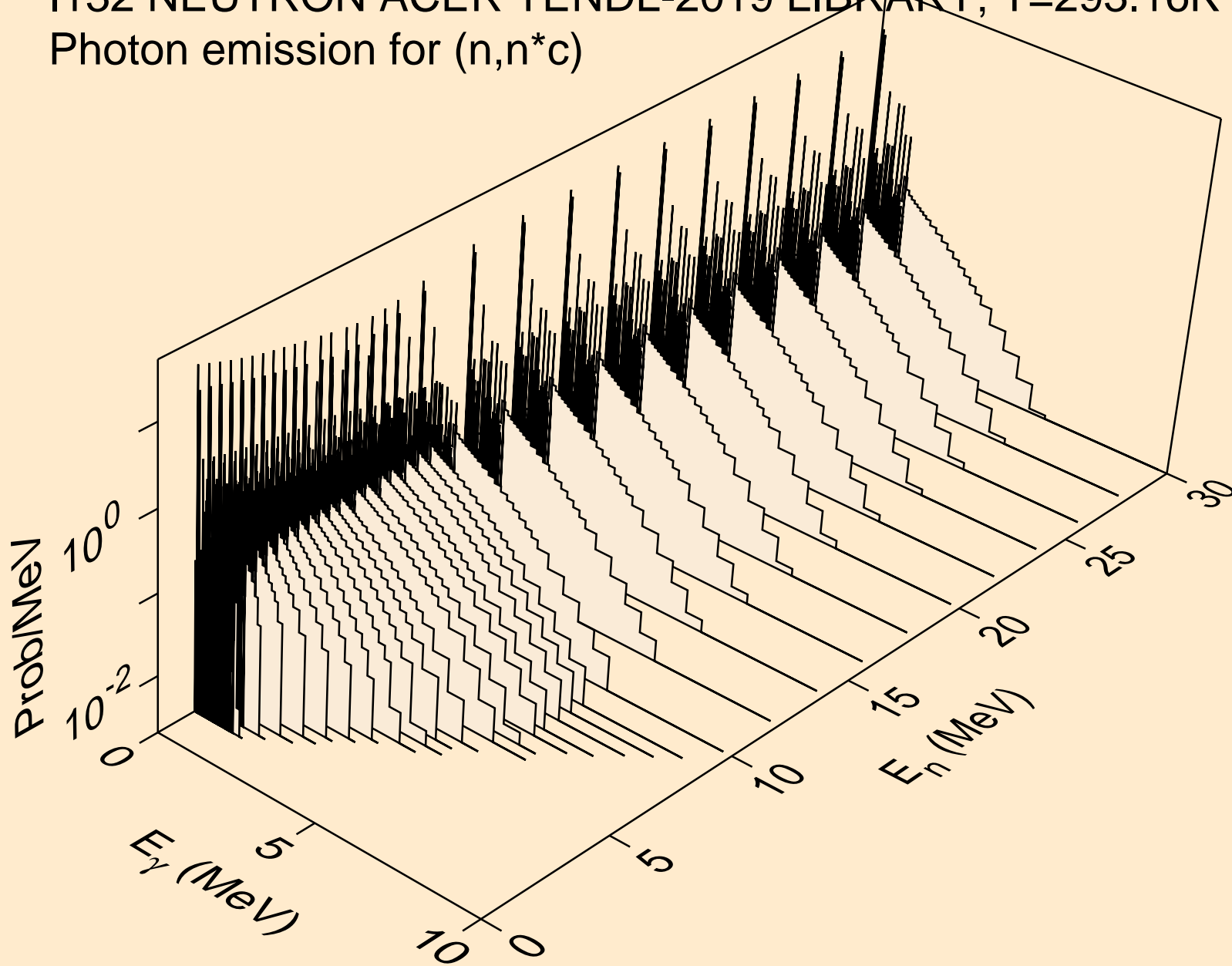
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Photon emission for (n,2np)



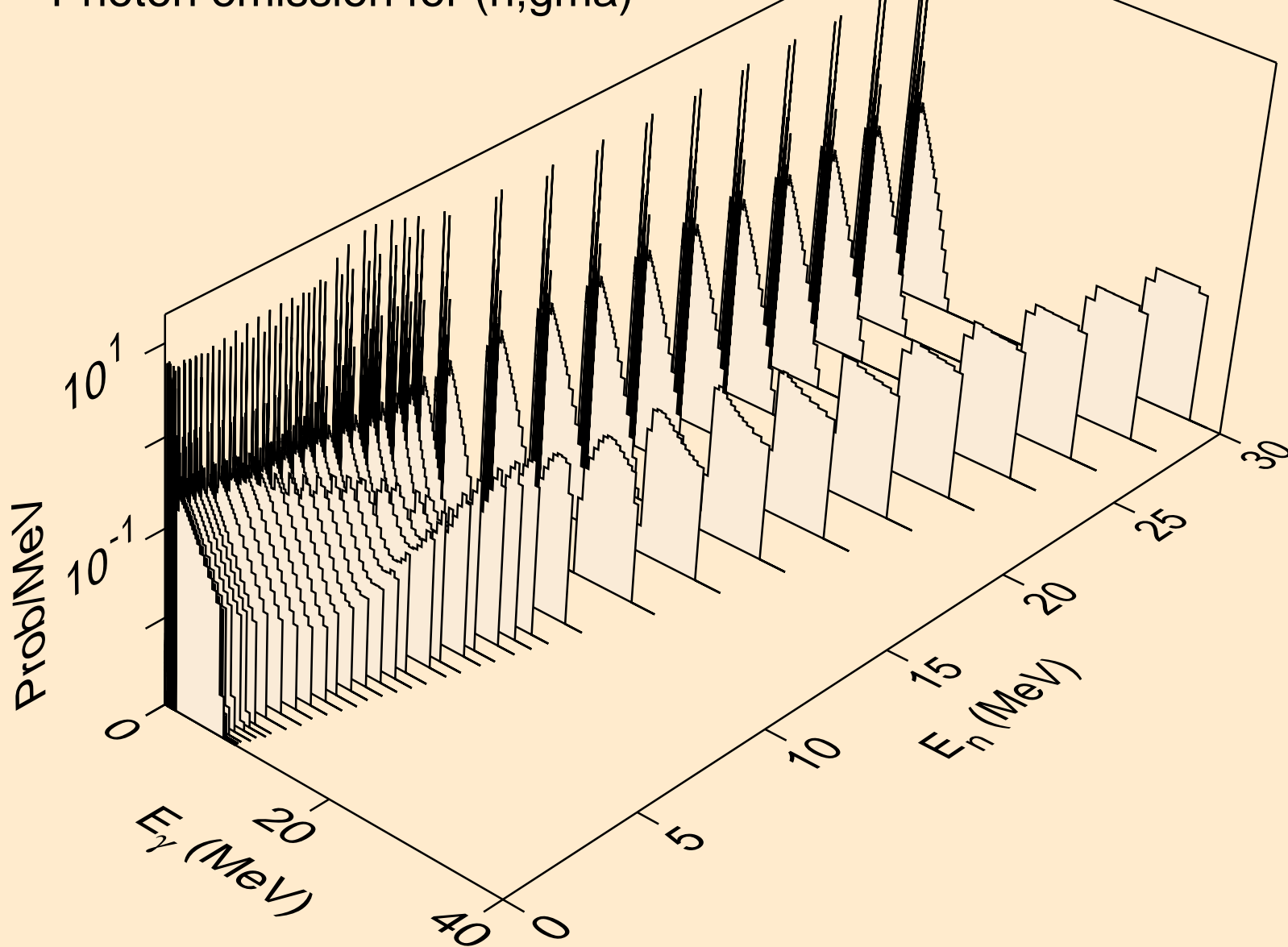
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



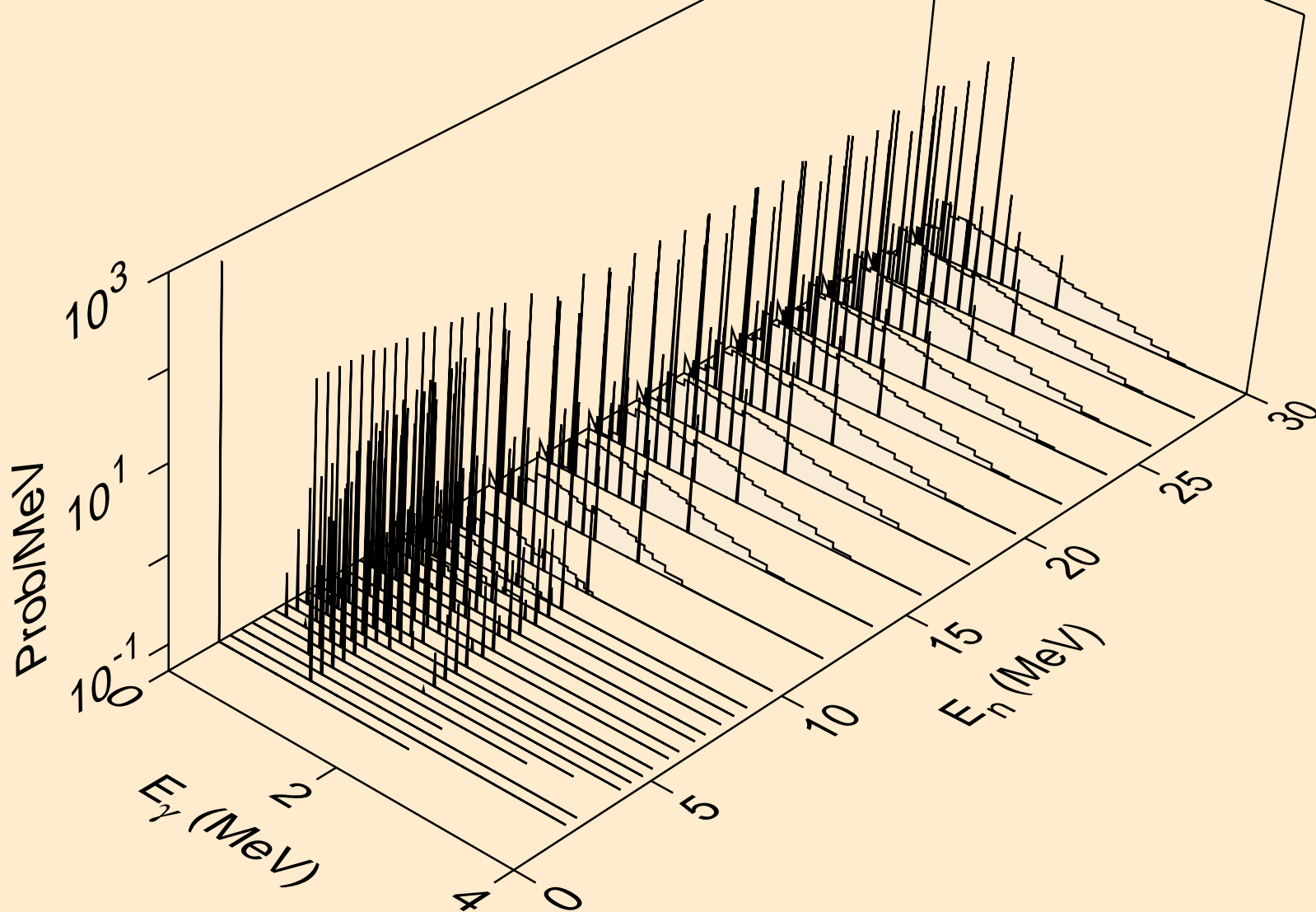
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



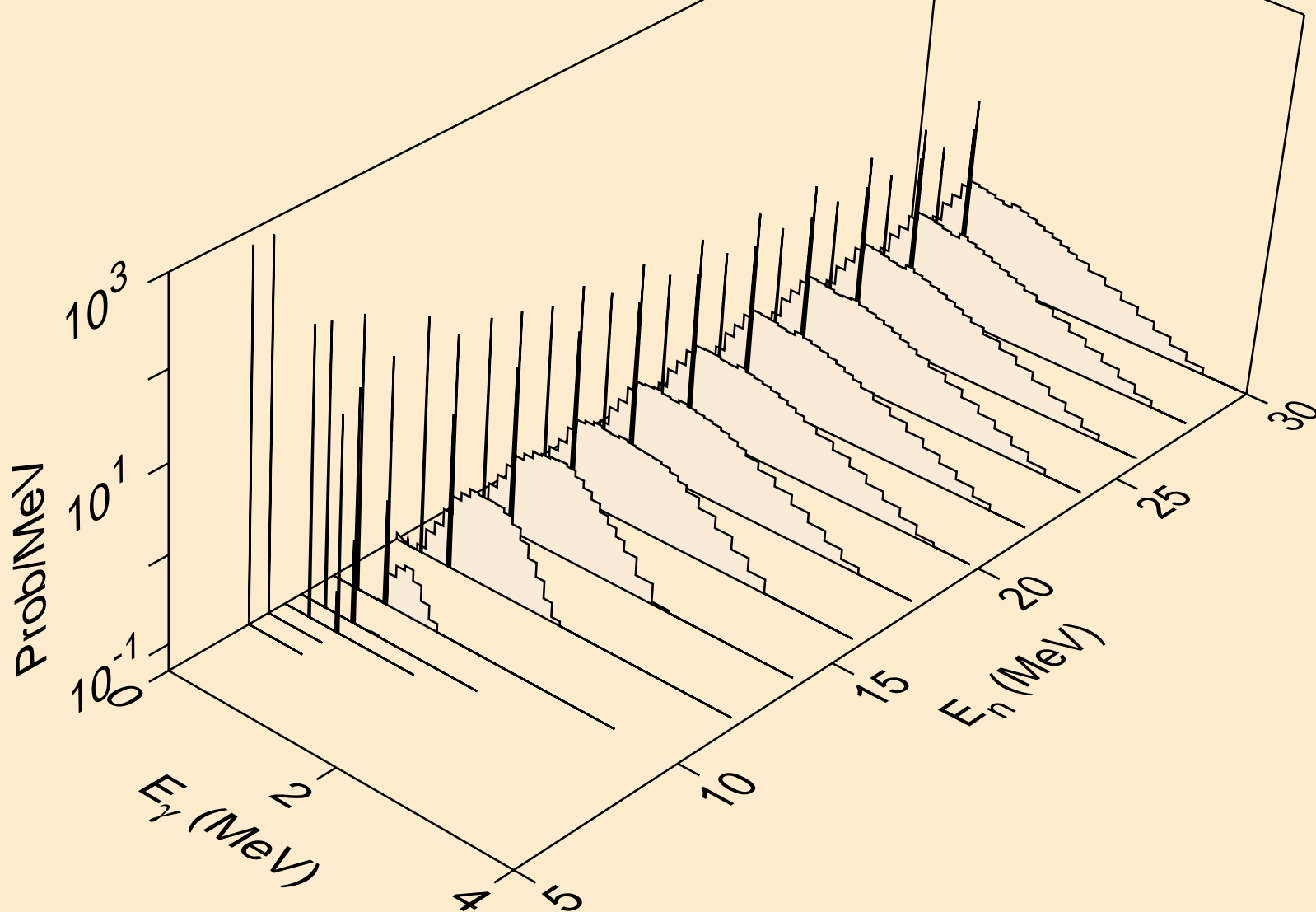
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



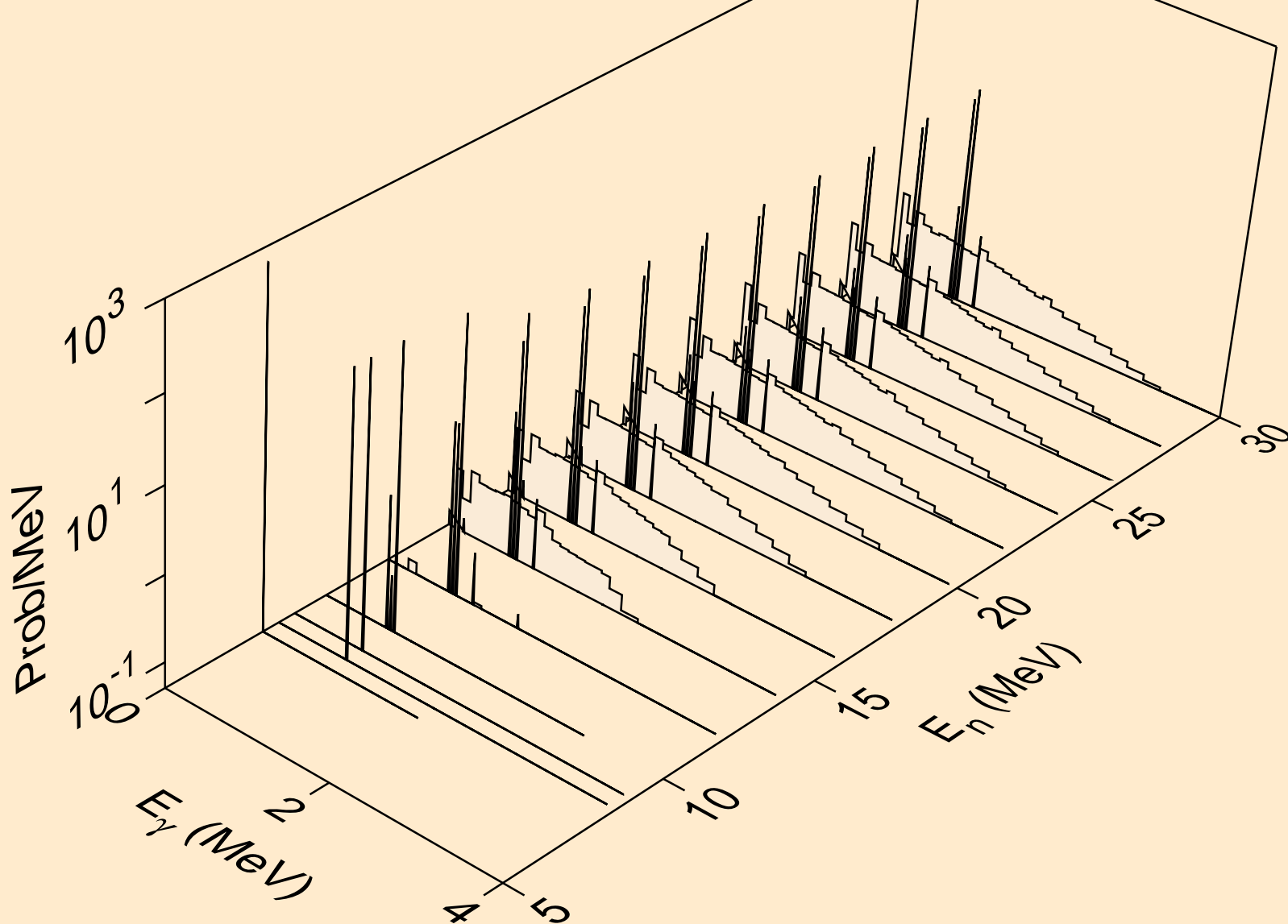
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

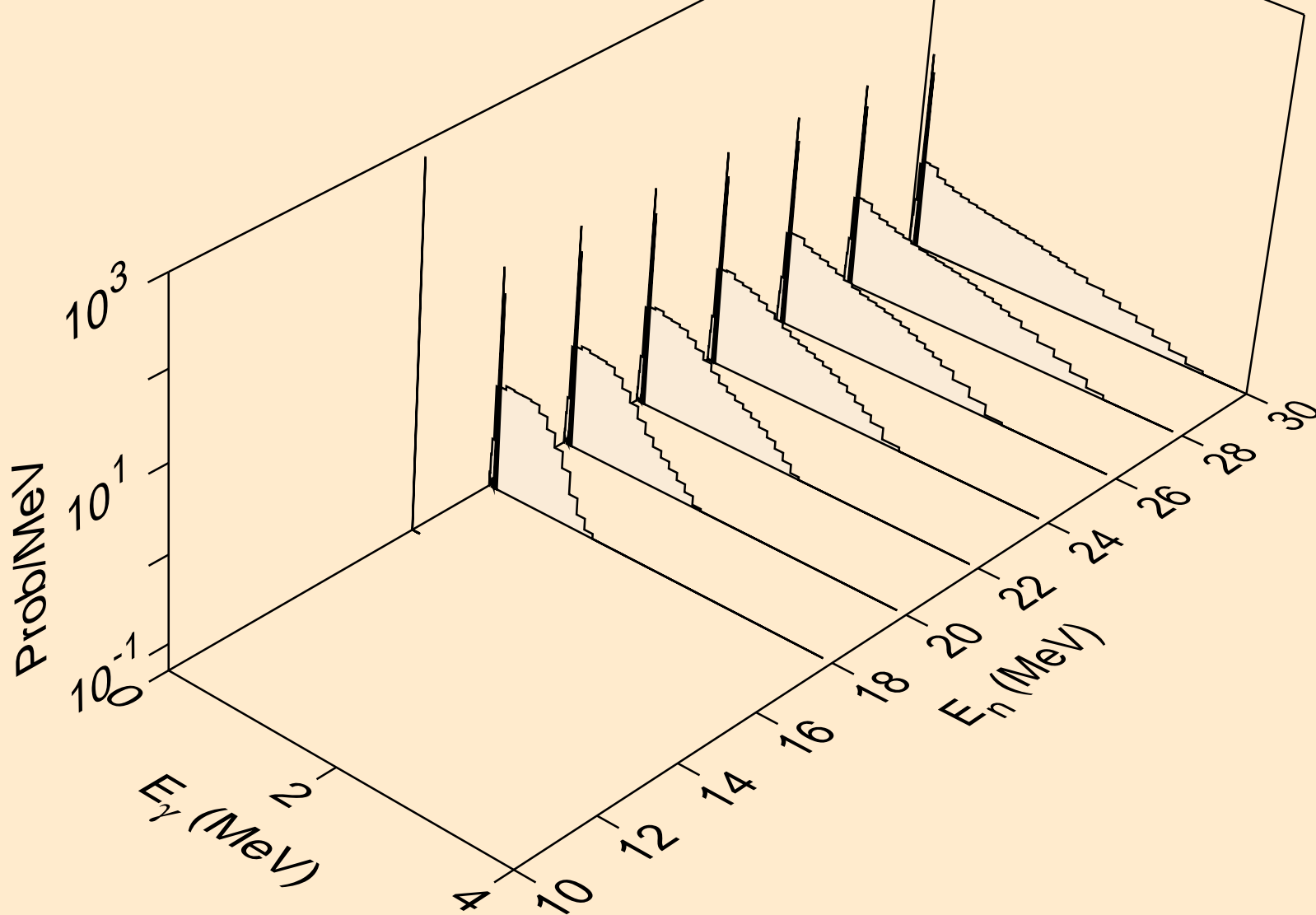


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

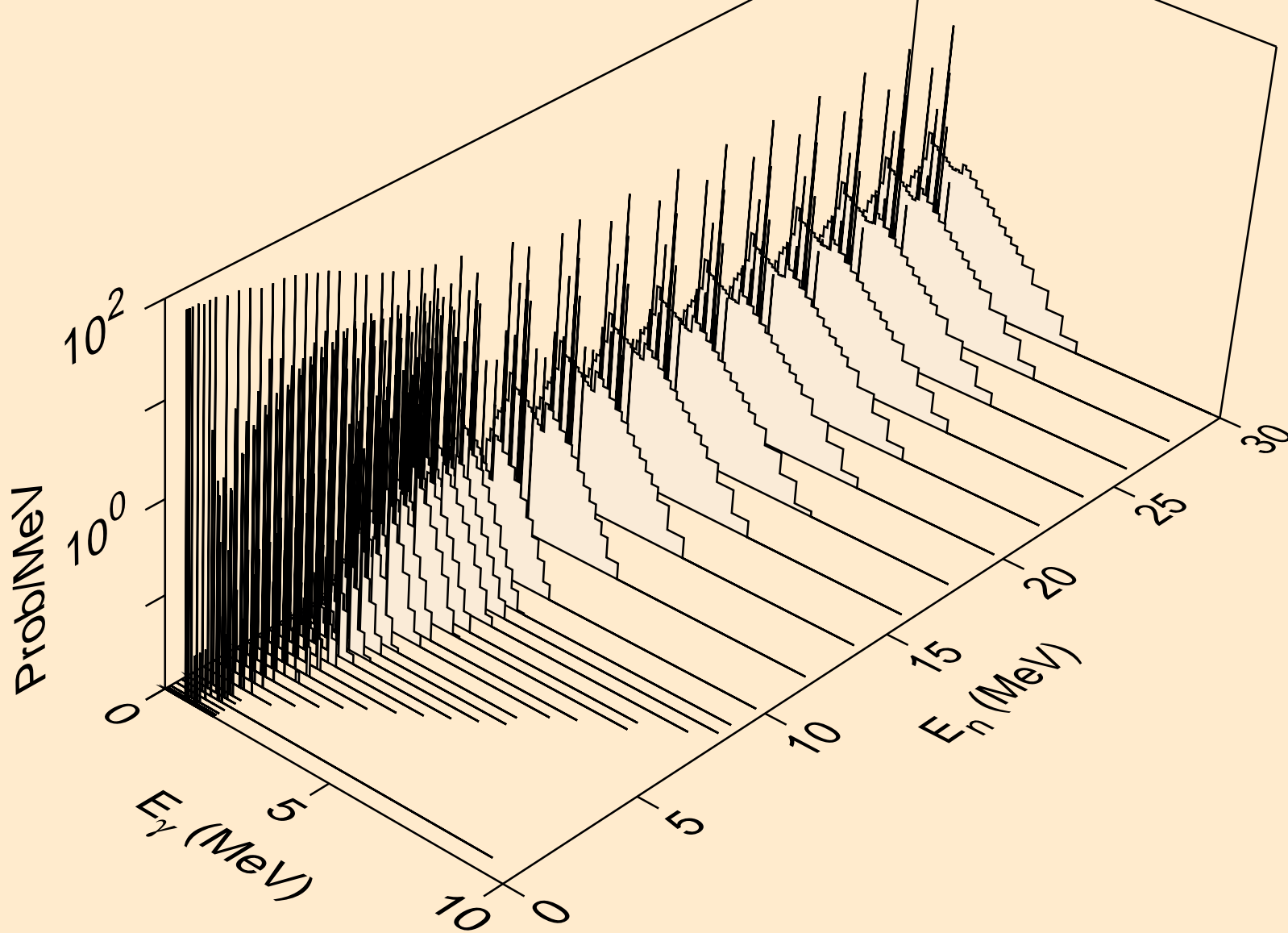




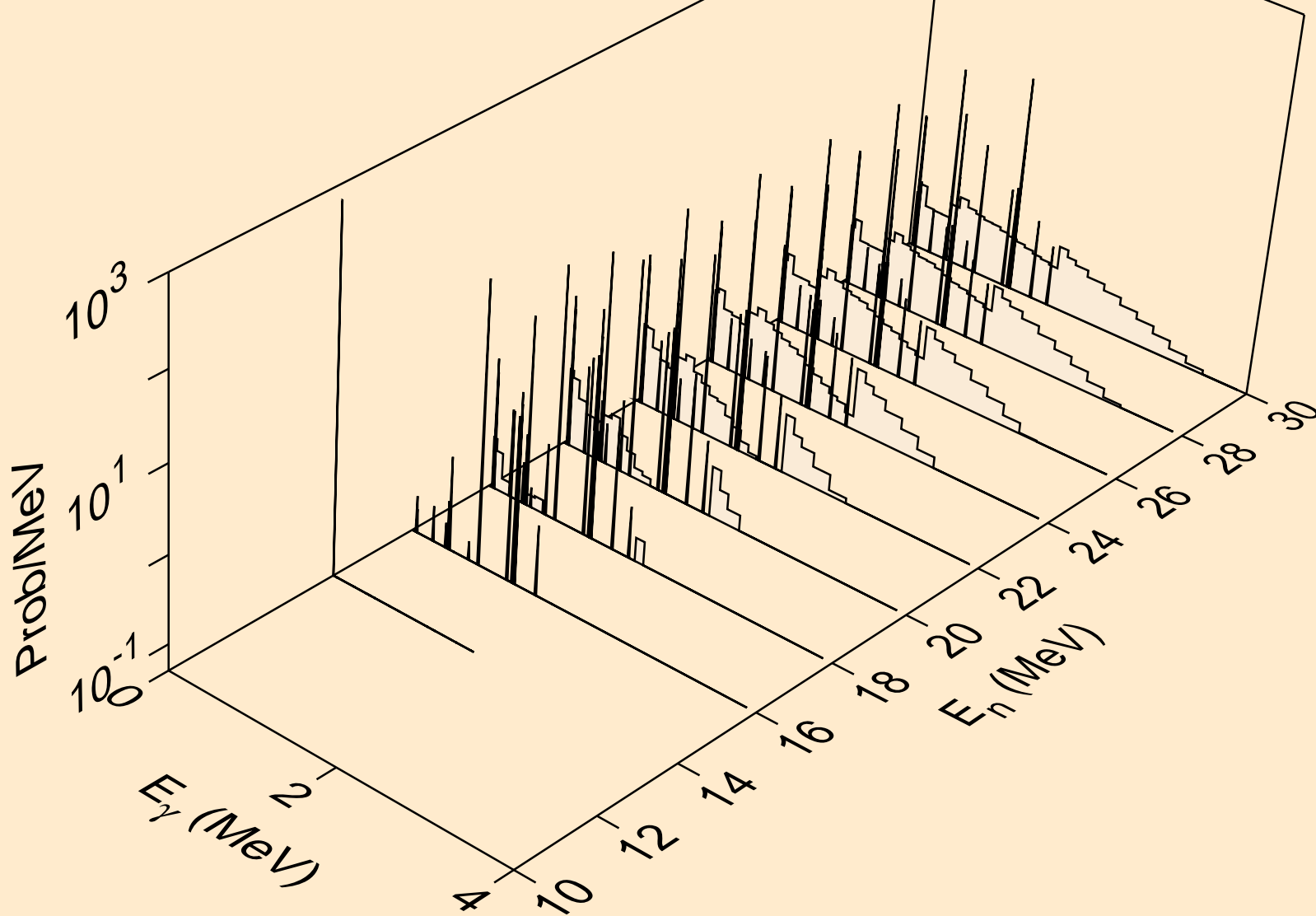
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



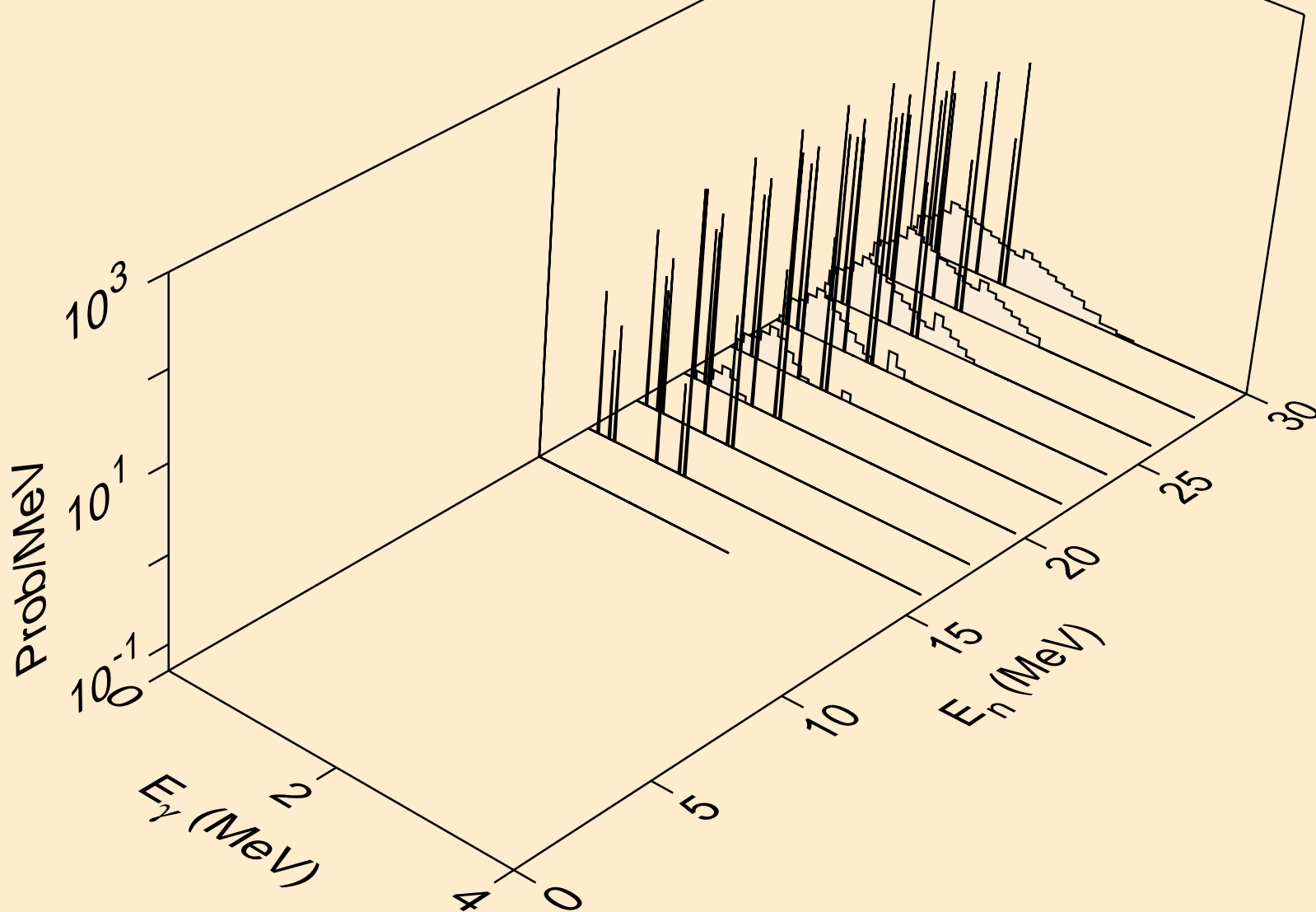
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



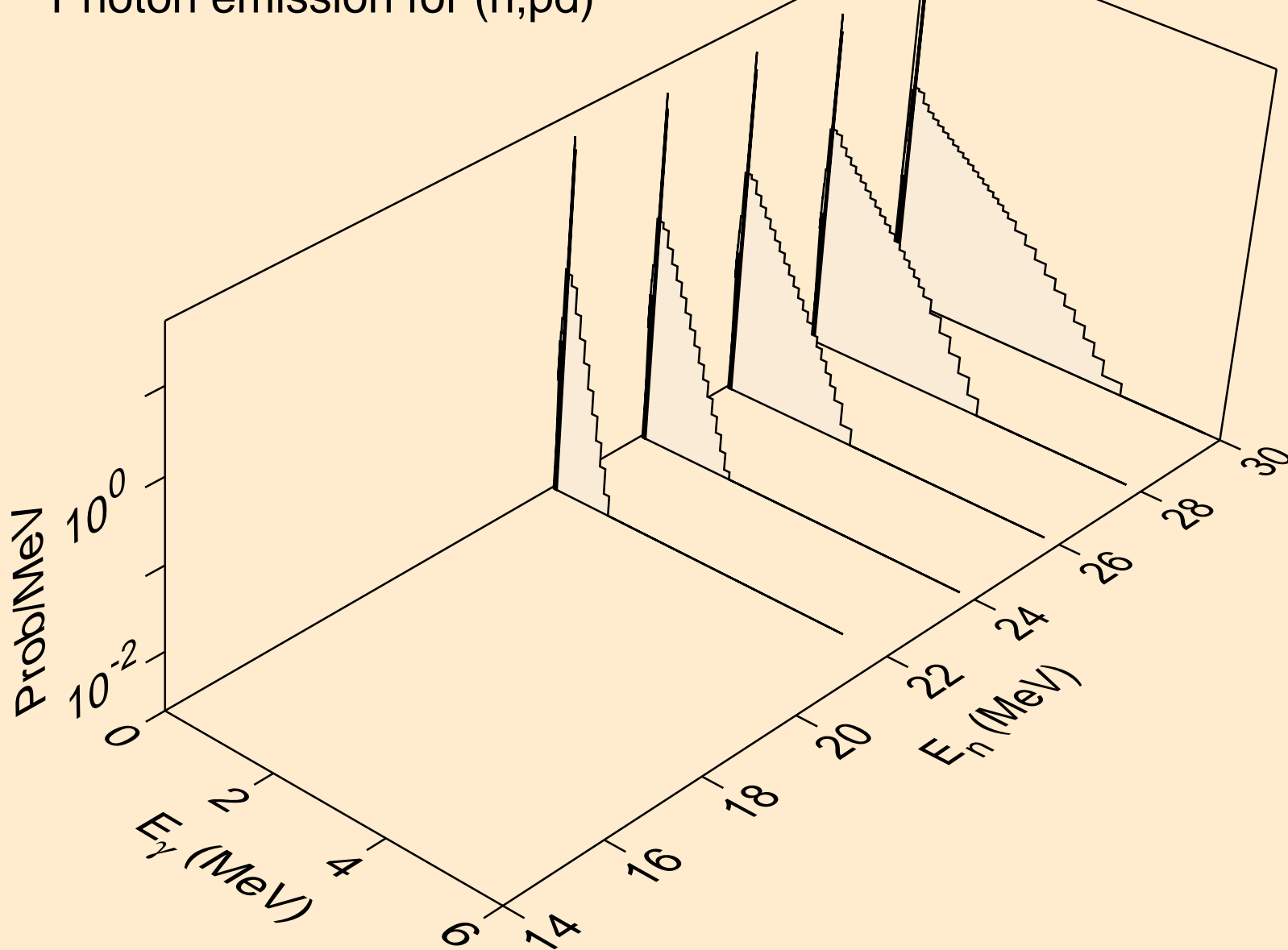
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



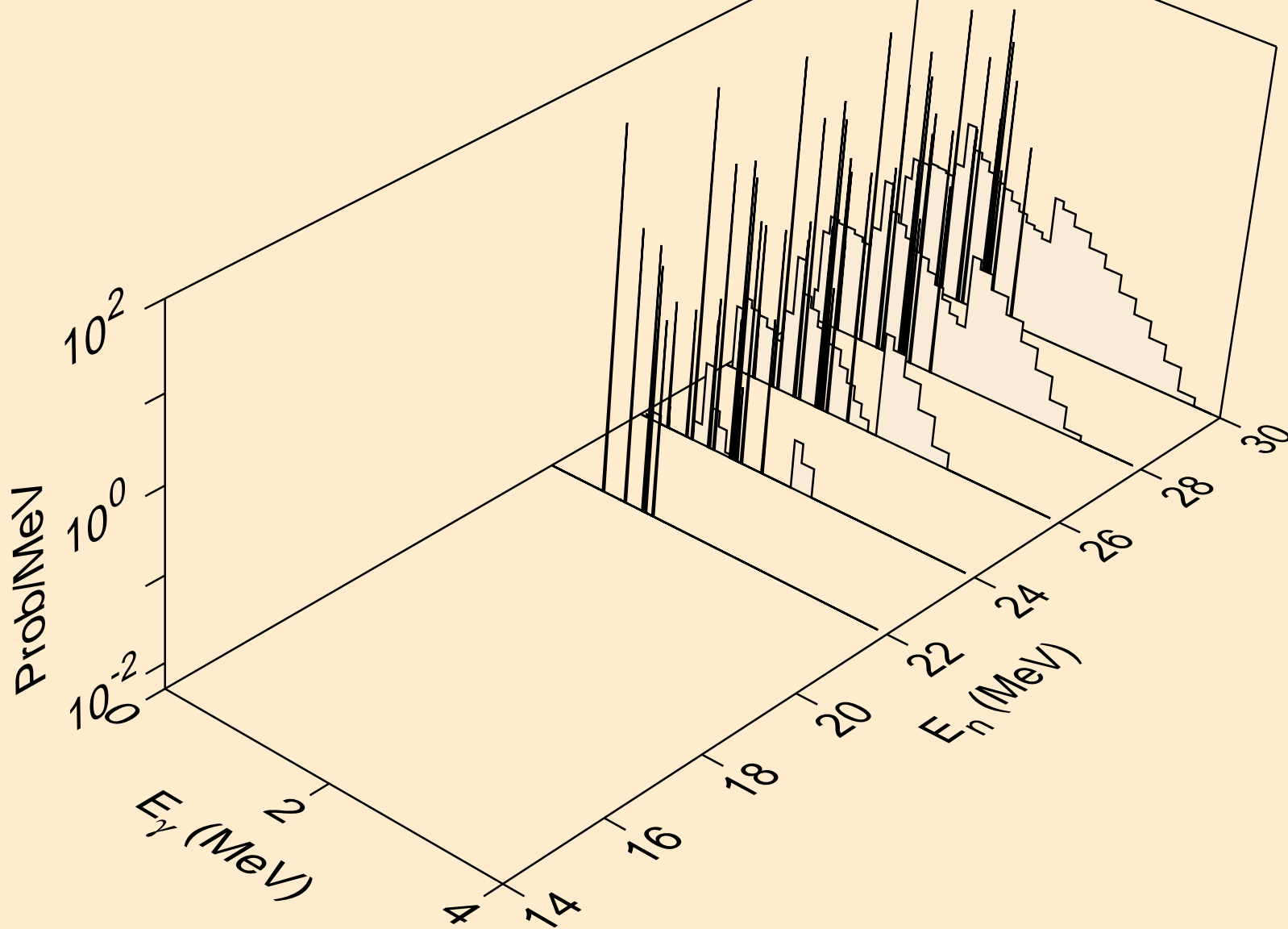
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pa)



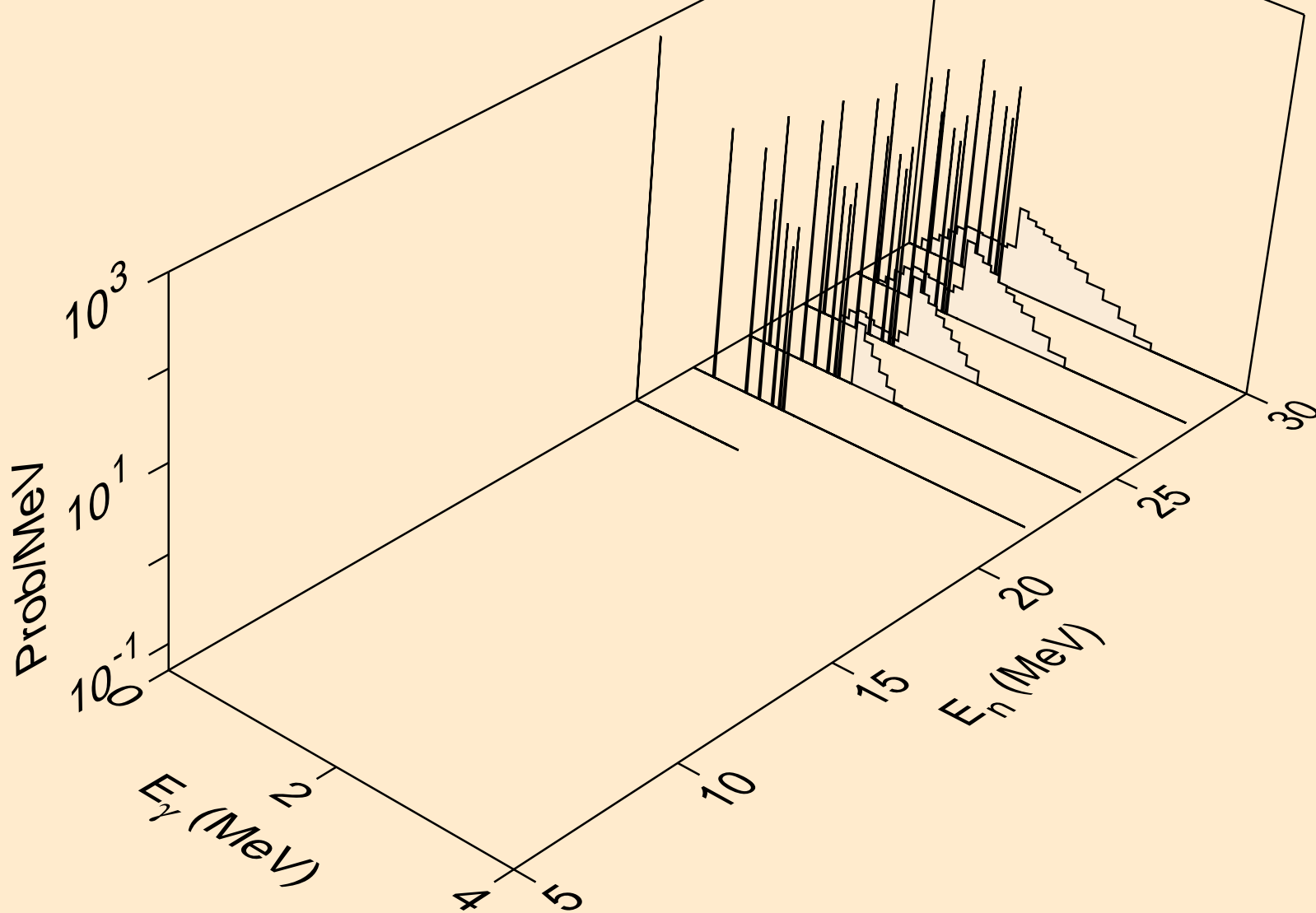
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



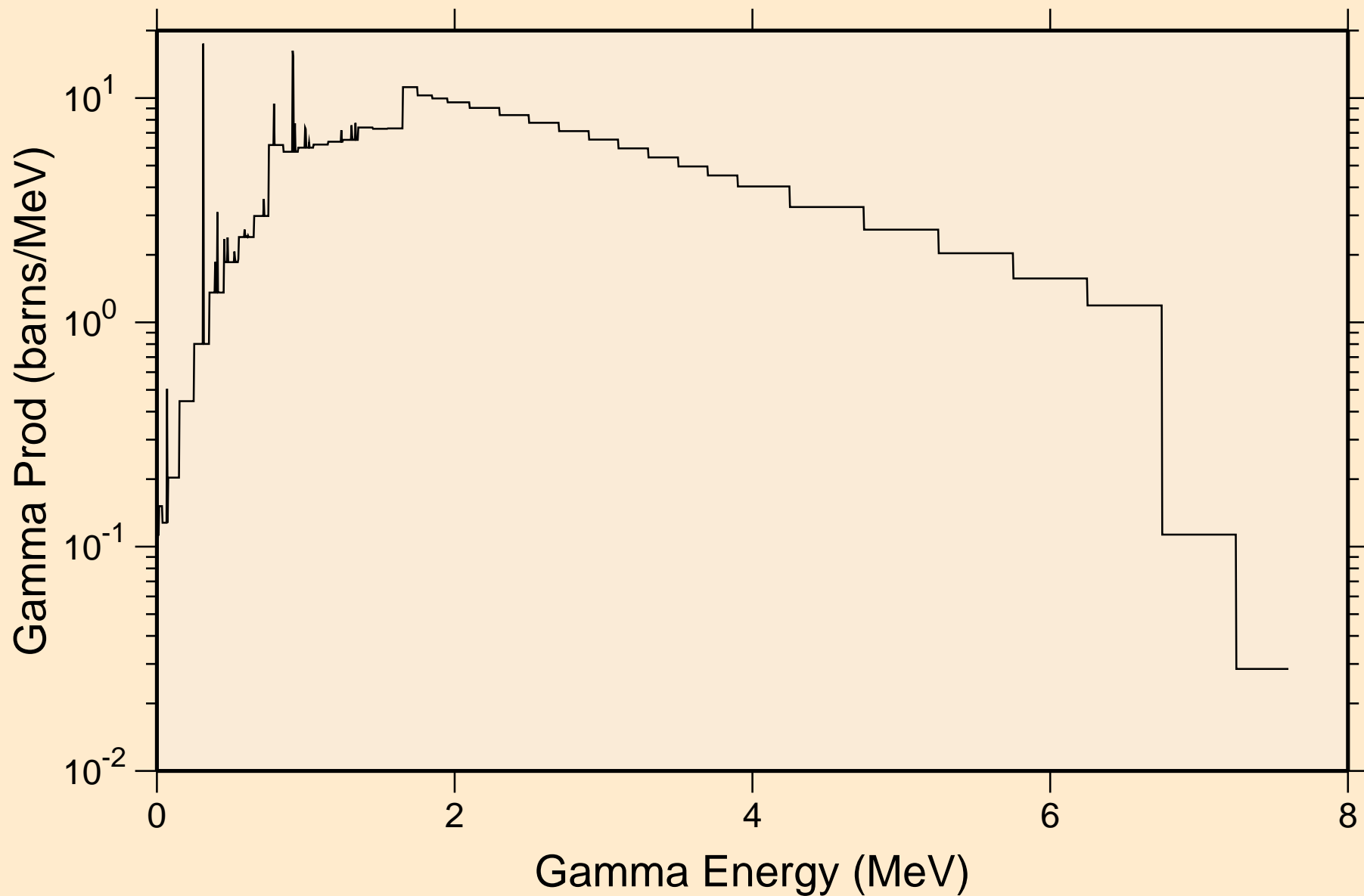
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

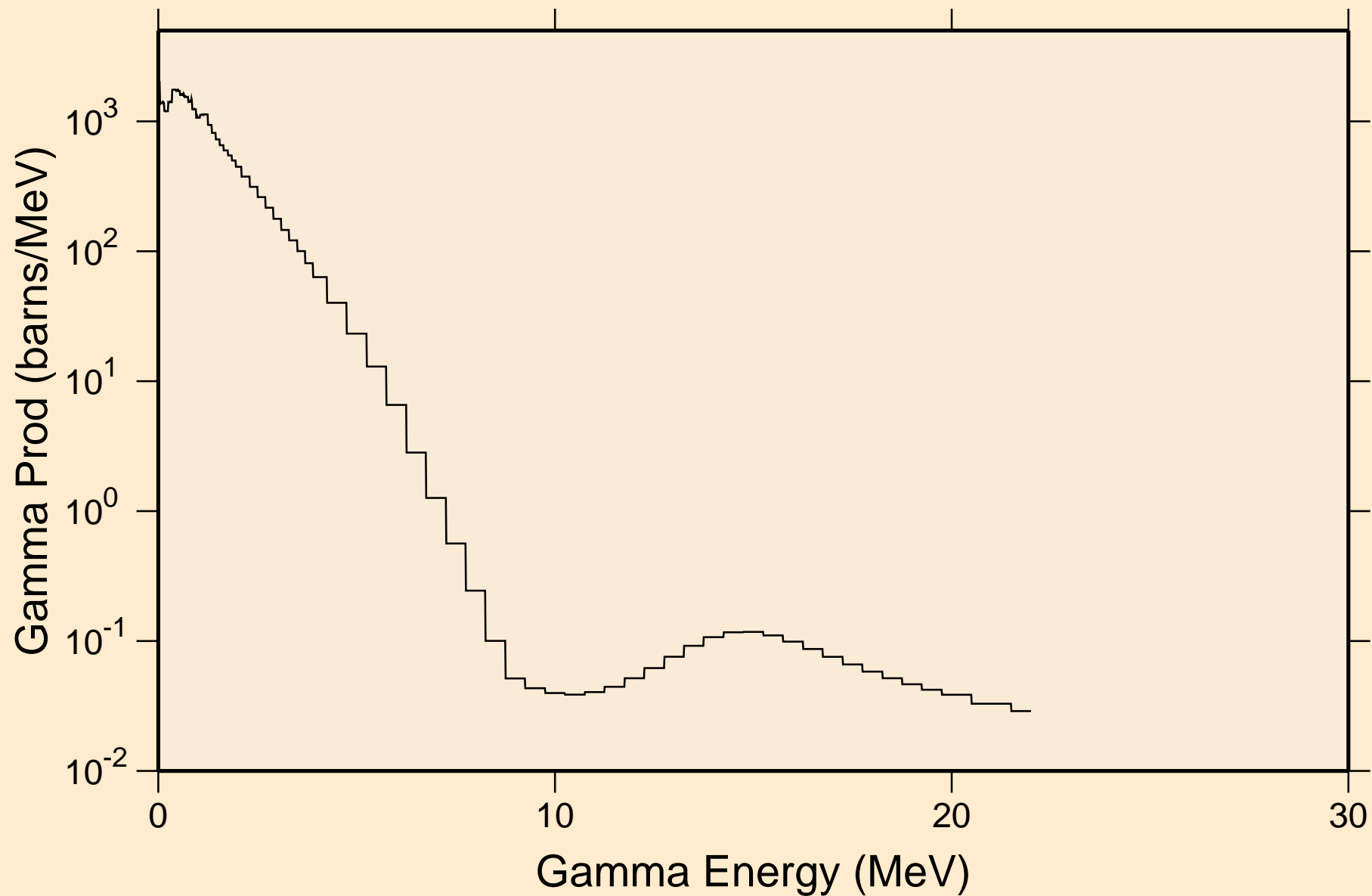


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



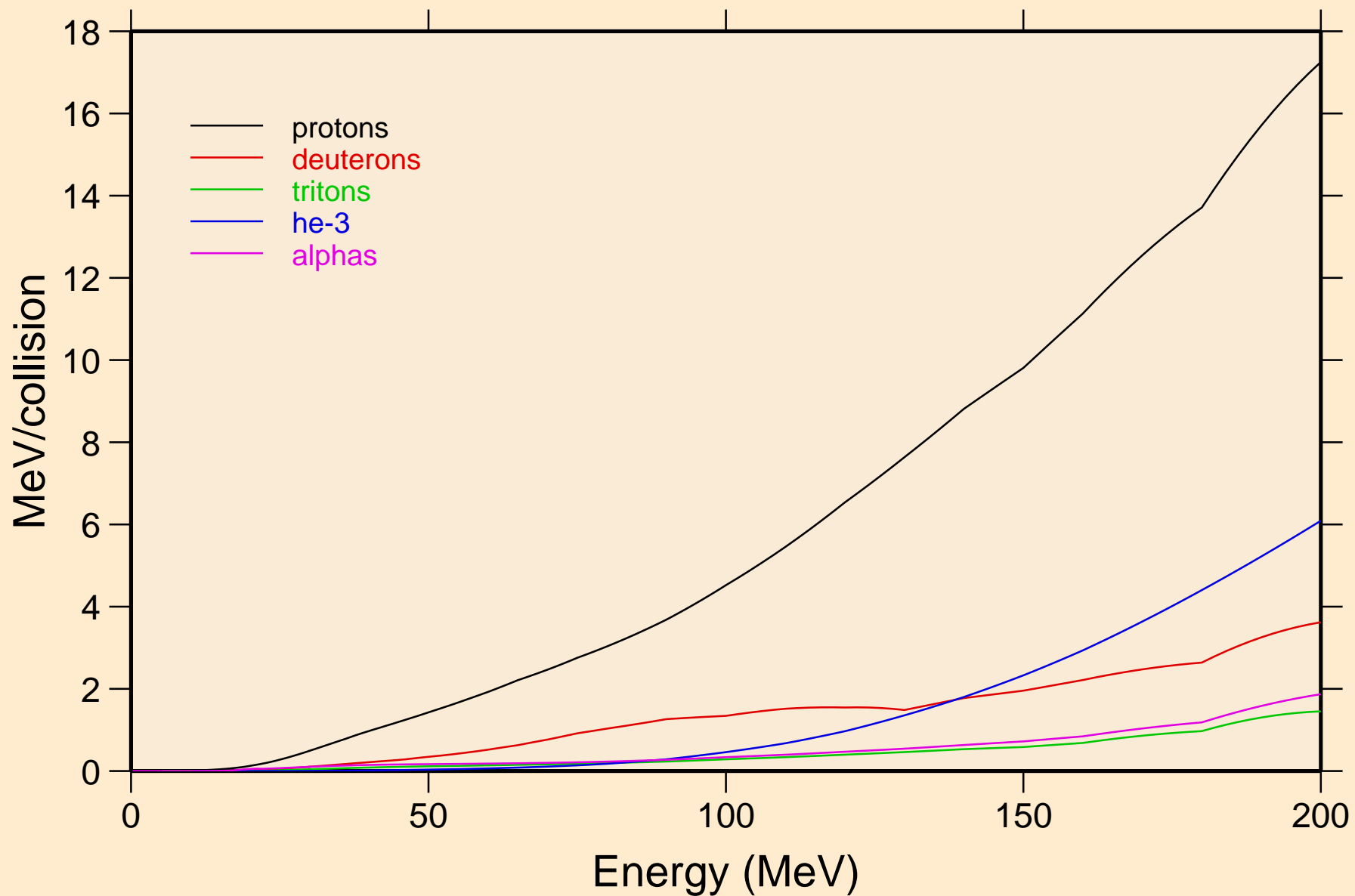


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

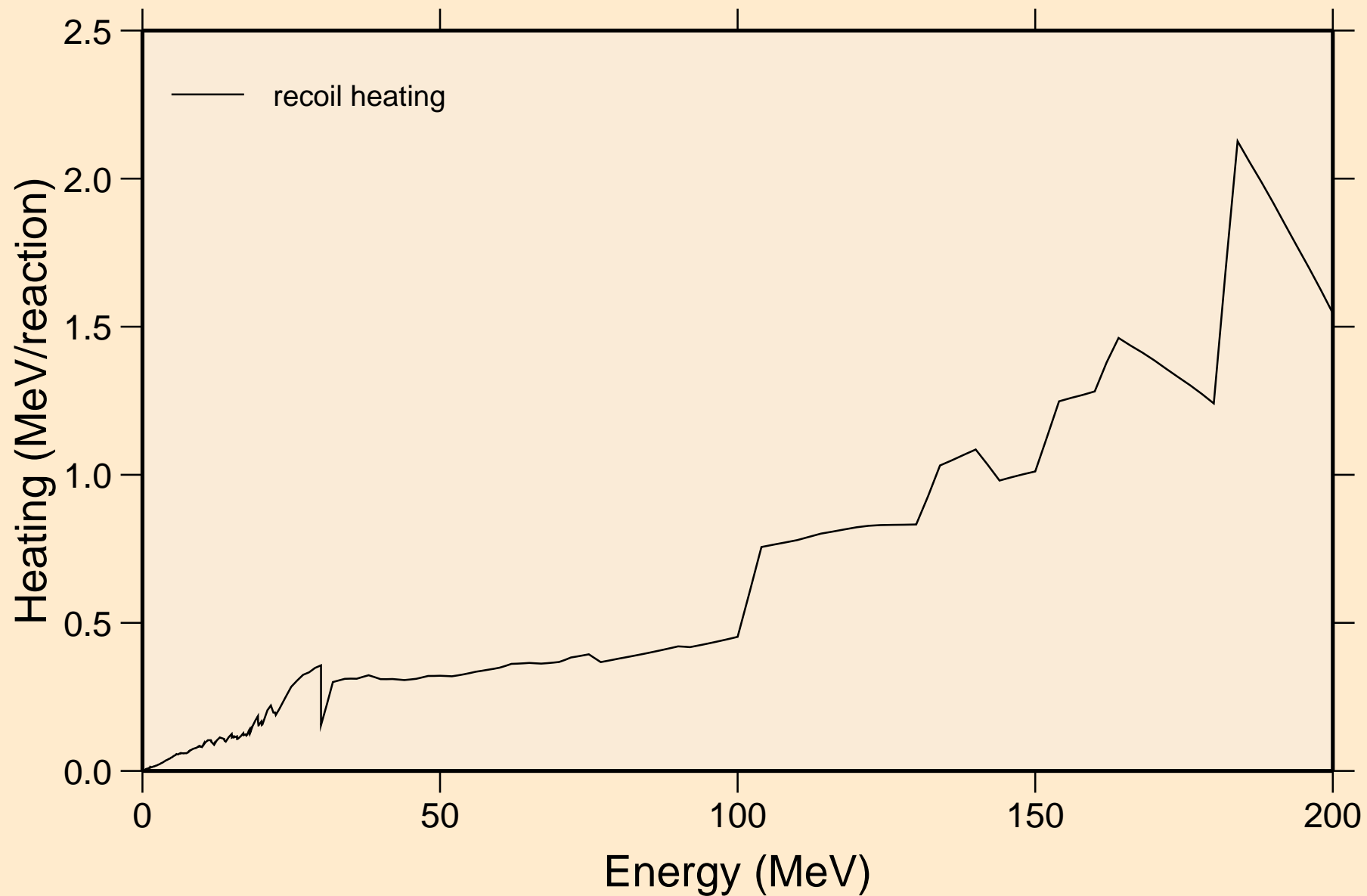


# I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

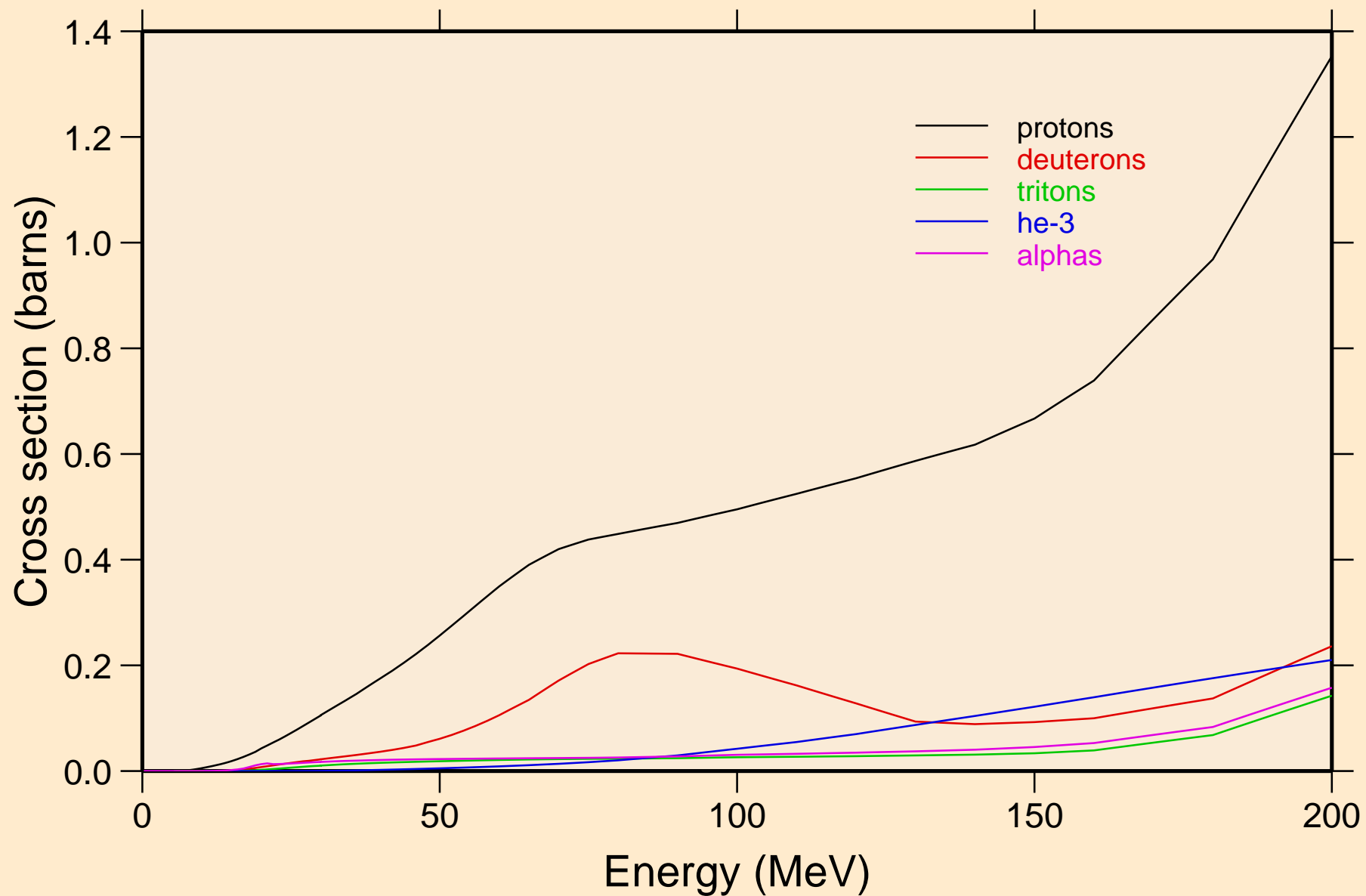
## Particle heating contributions



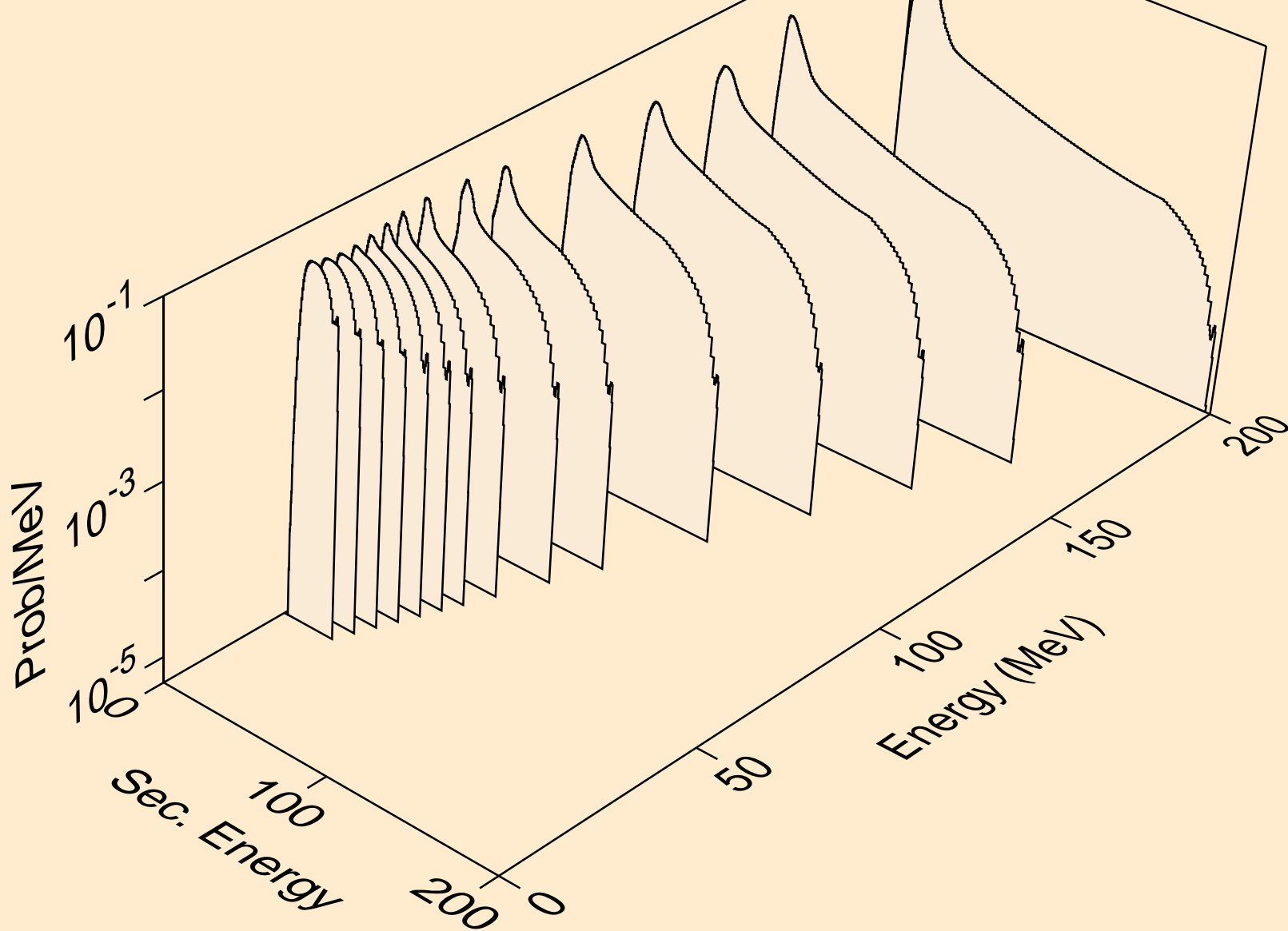
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Recoil Heating



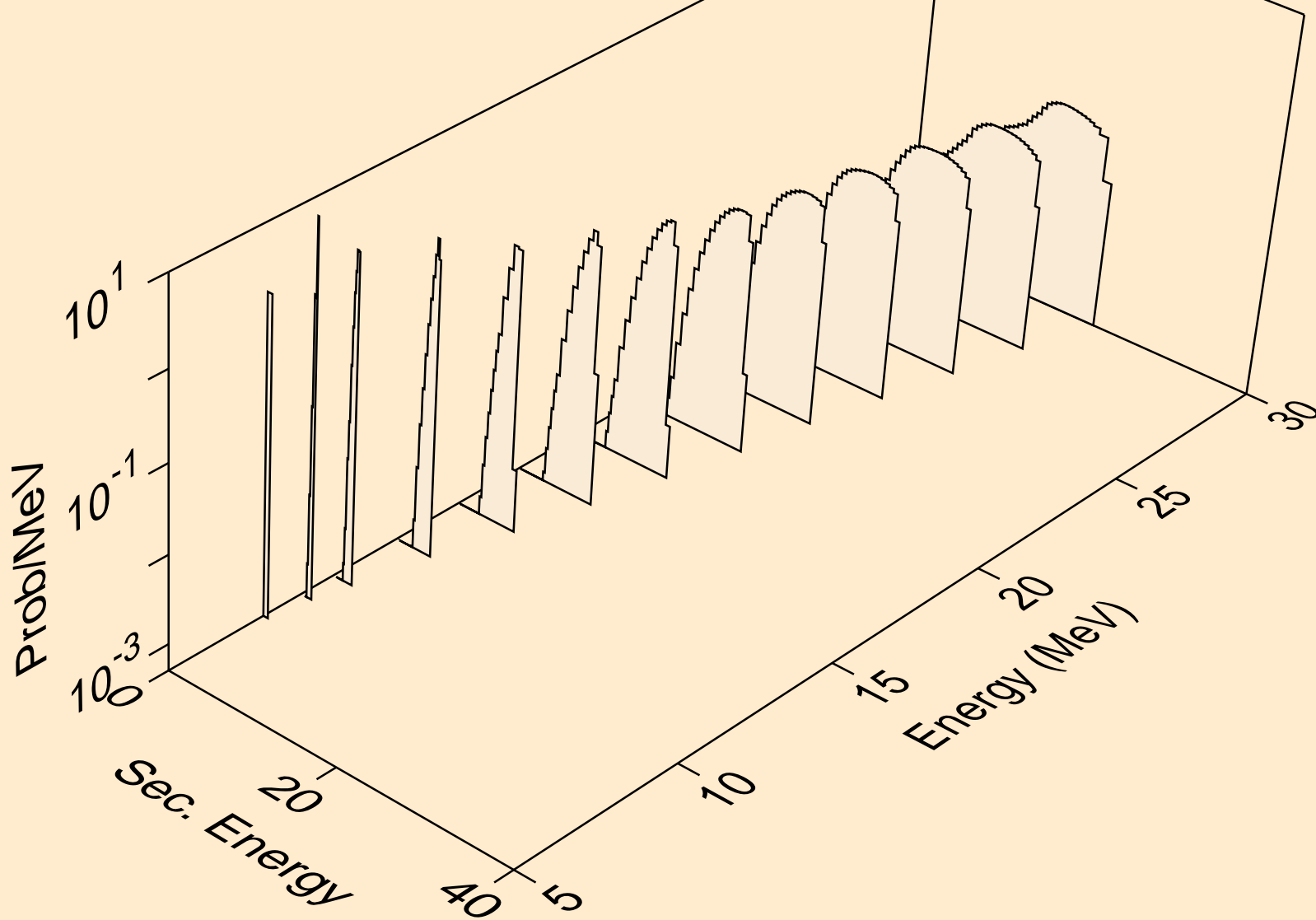
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



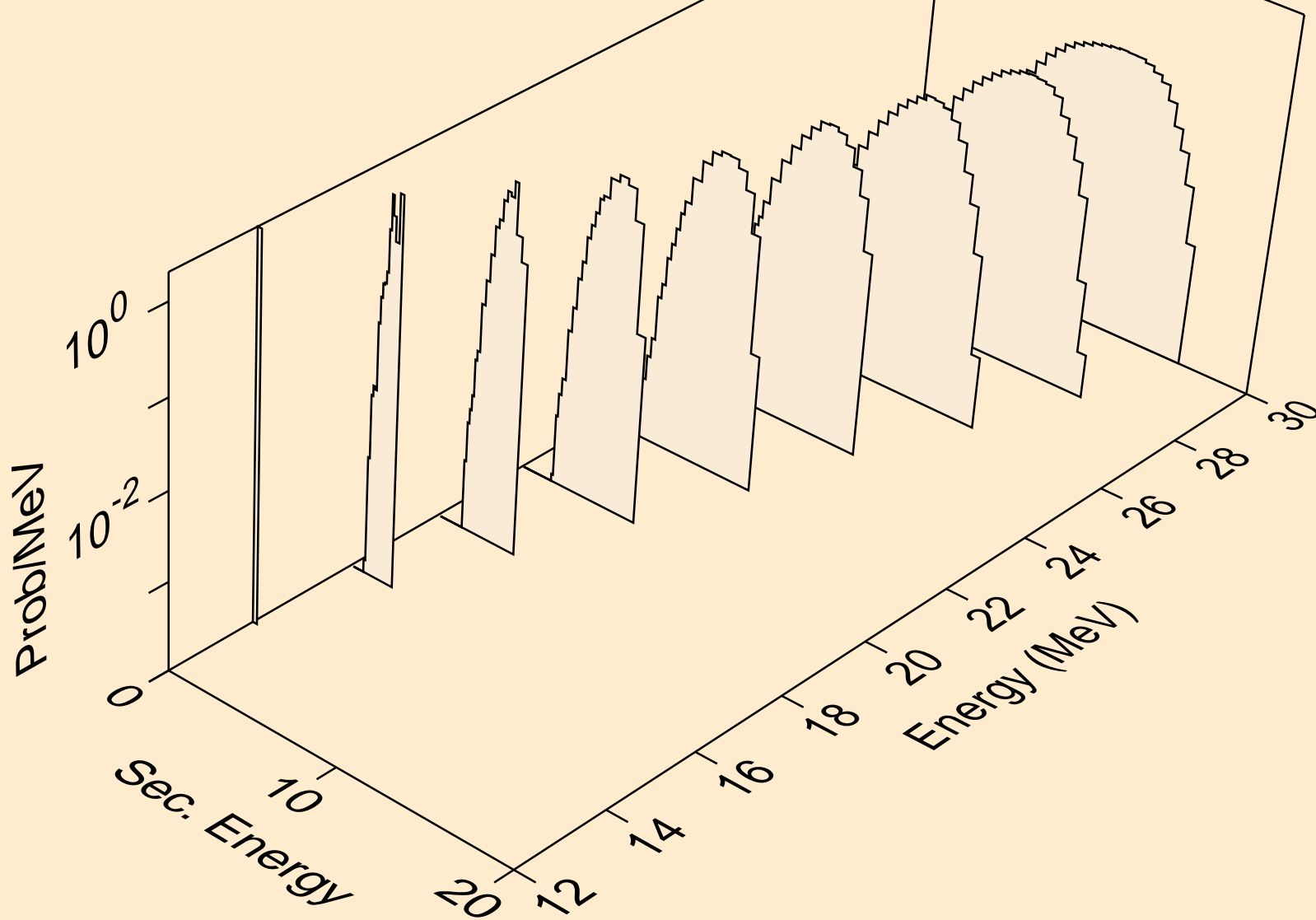
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



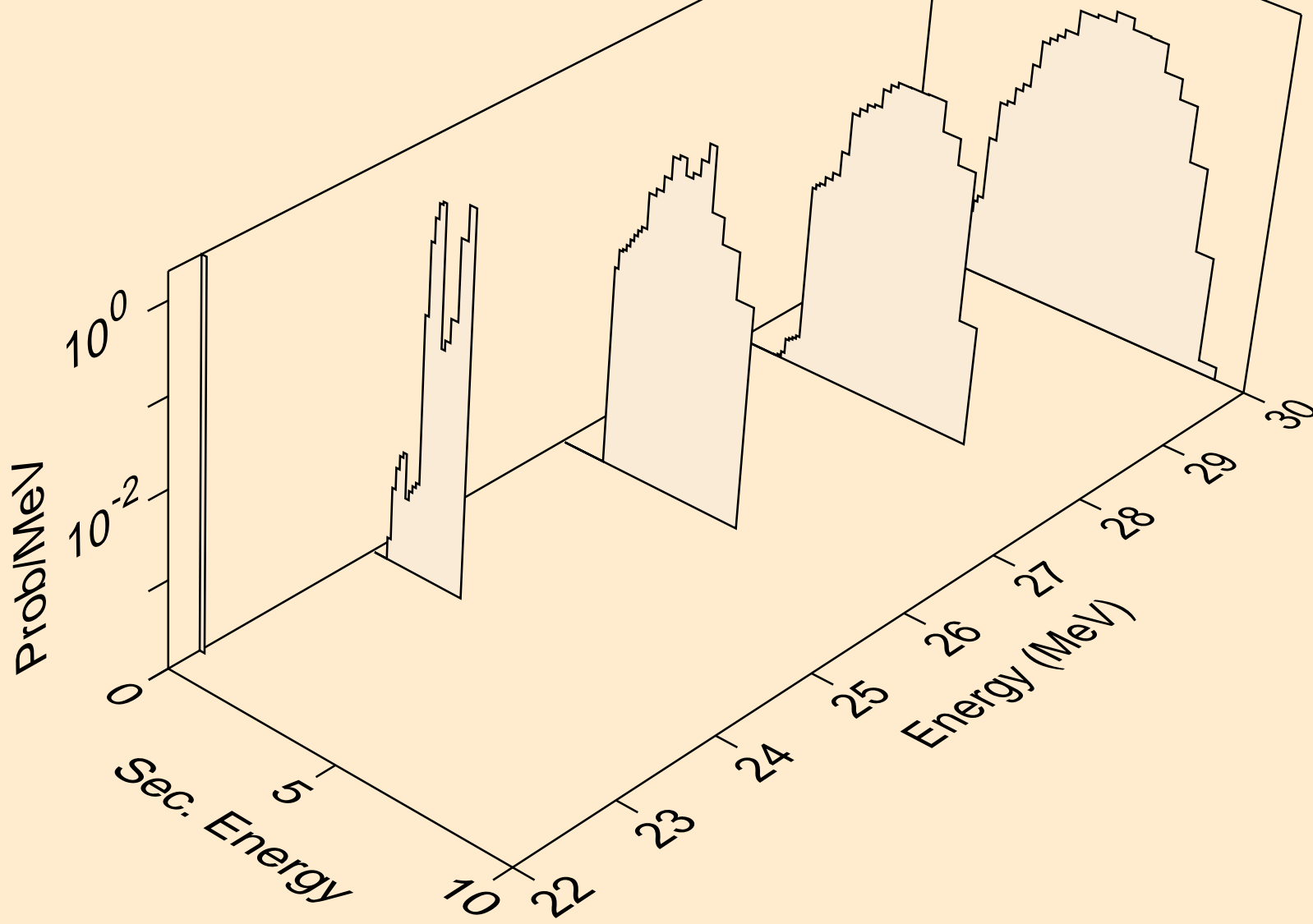
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

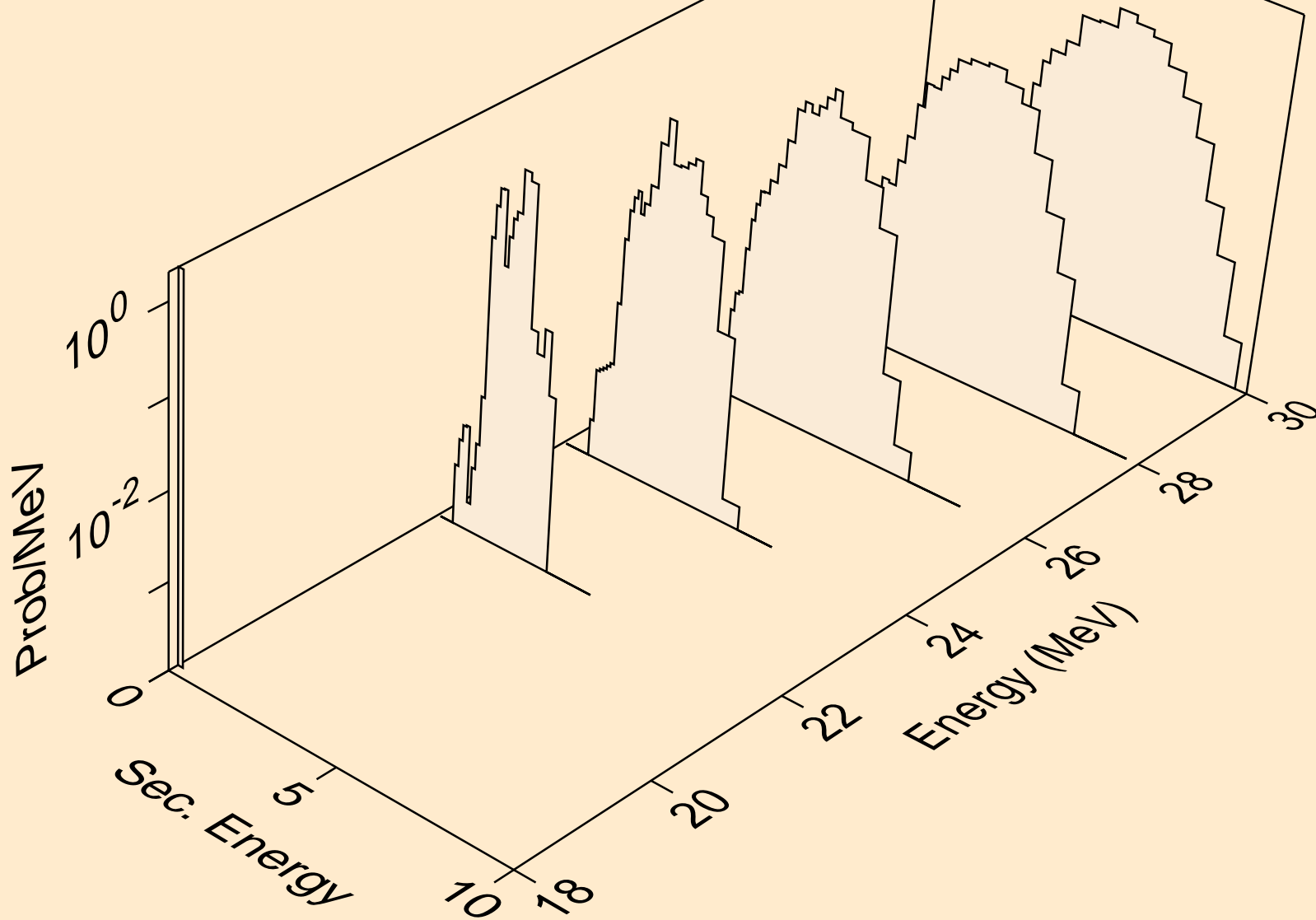


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

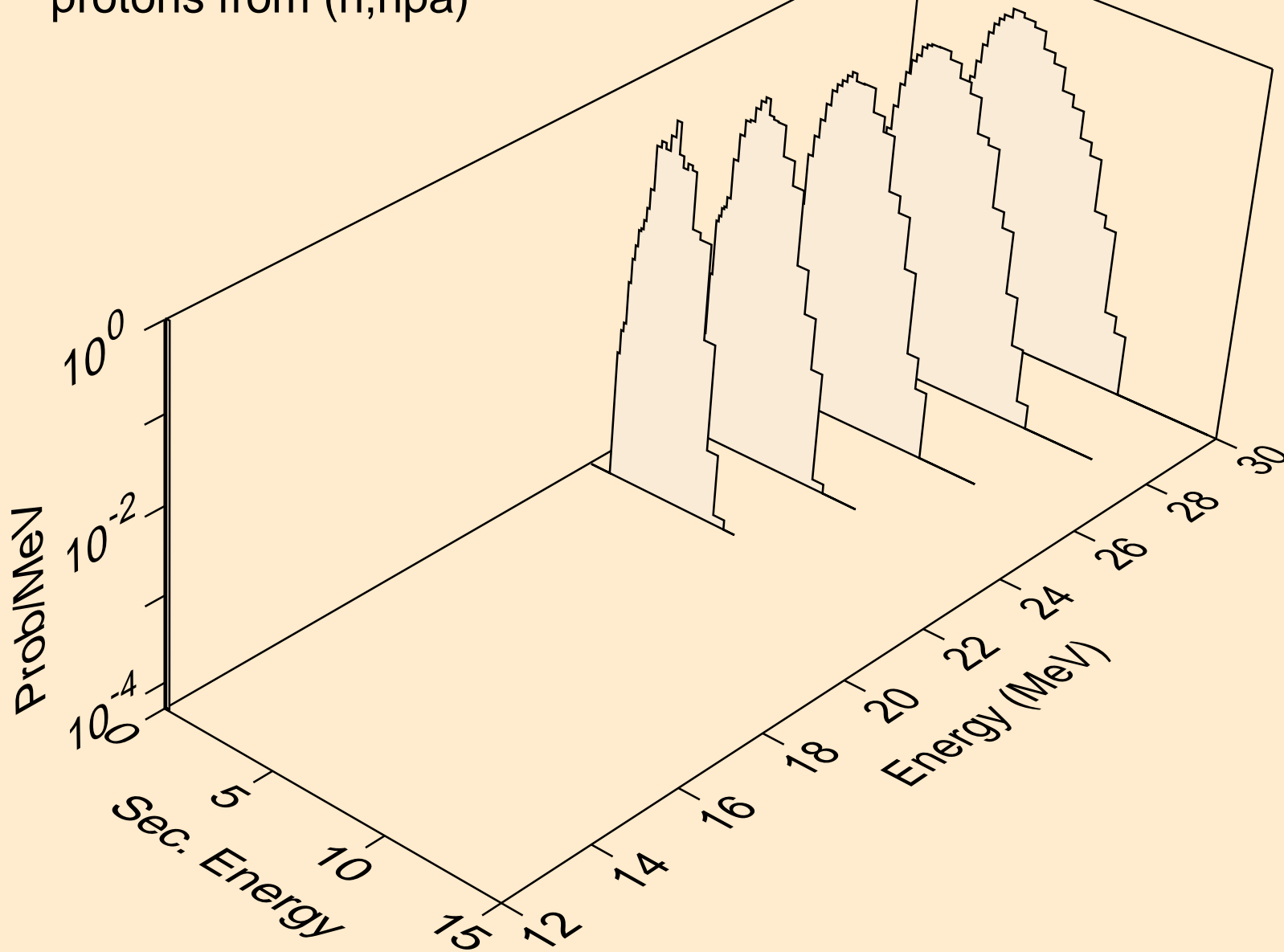




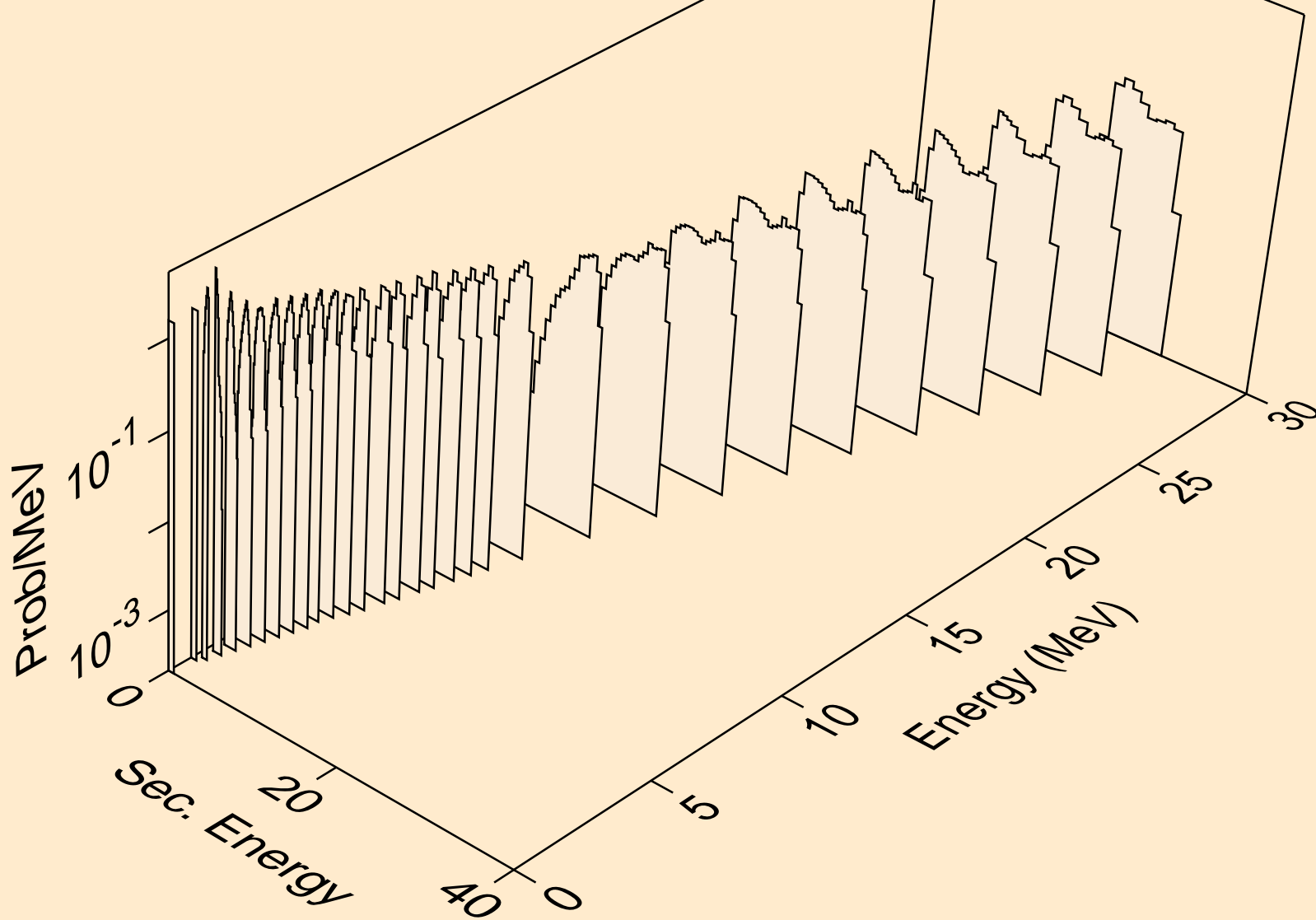
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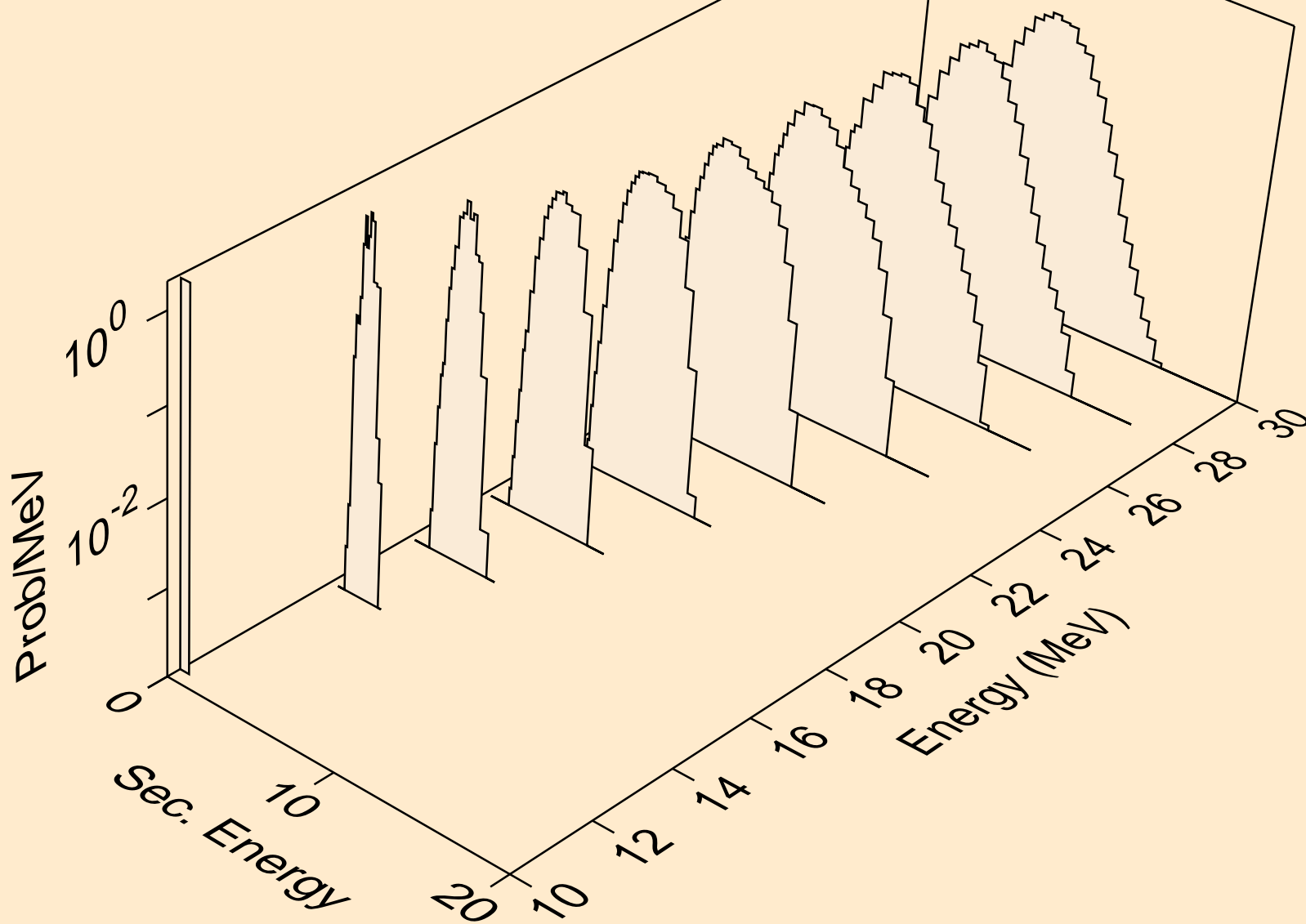
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protons from (n,npa)



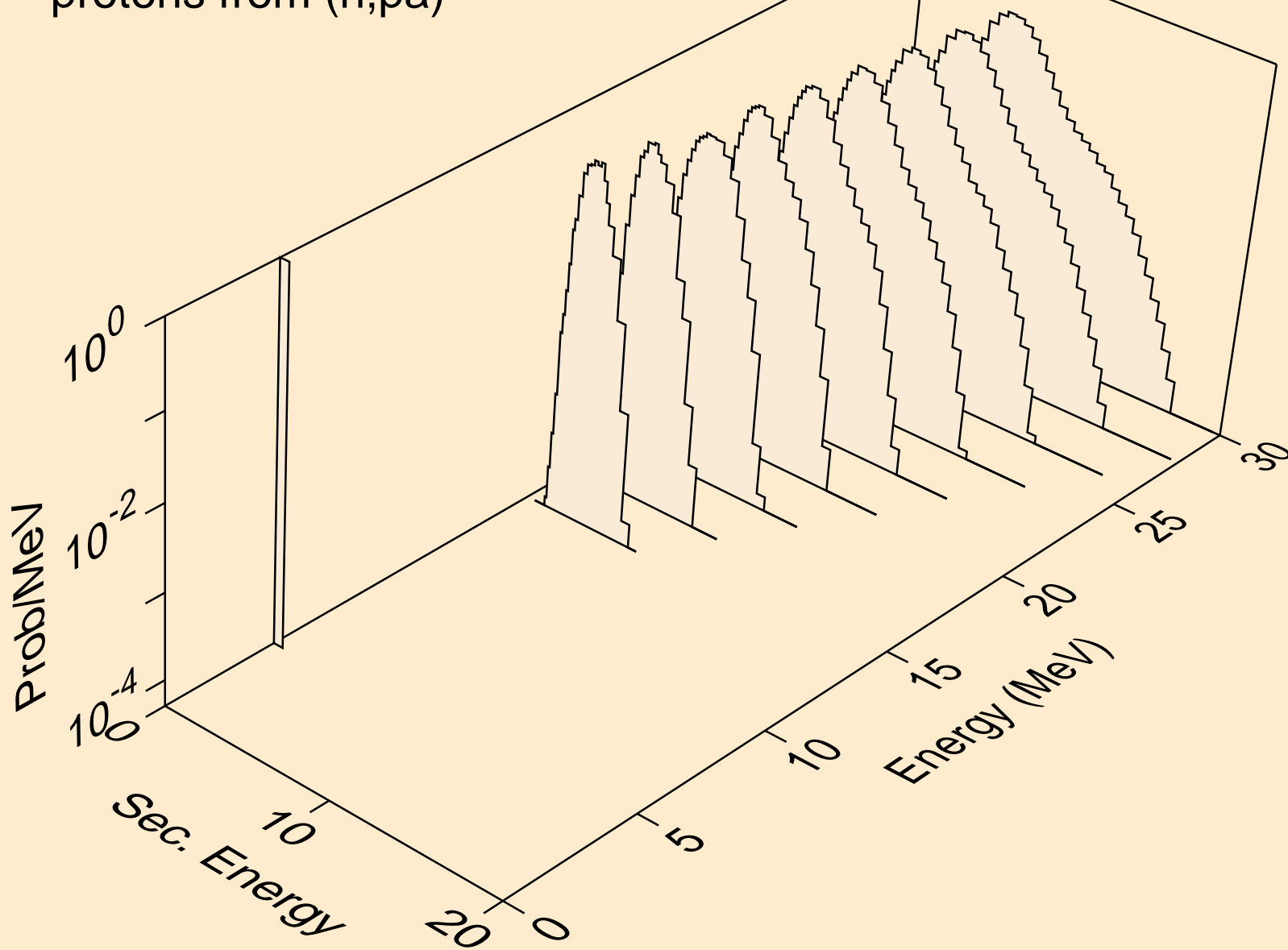
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protons from (n,p)



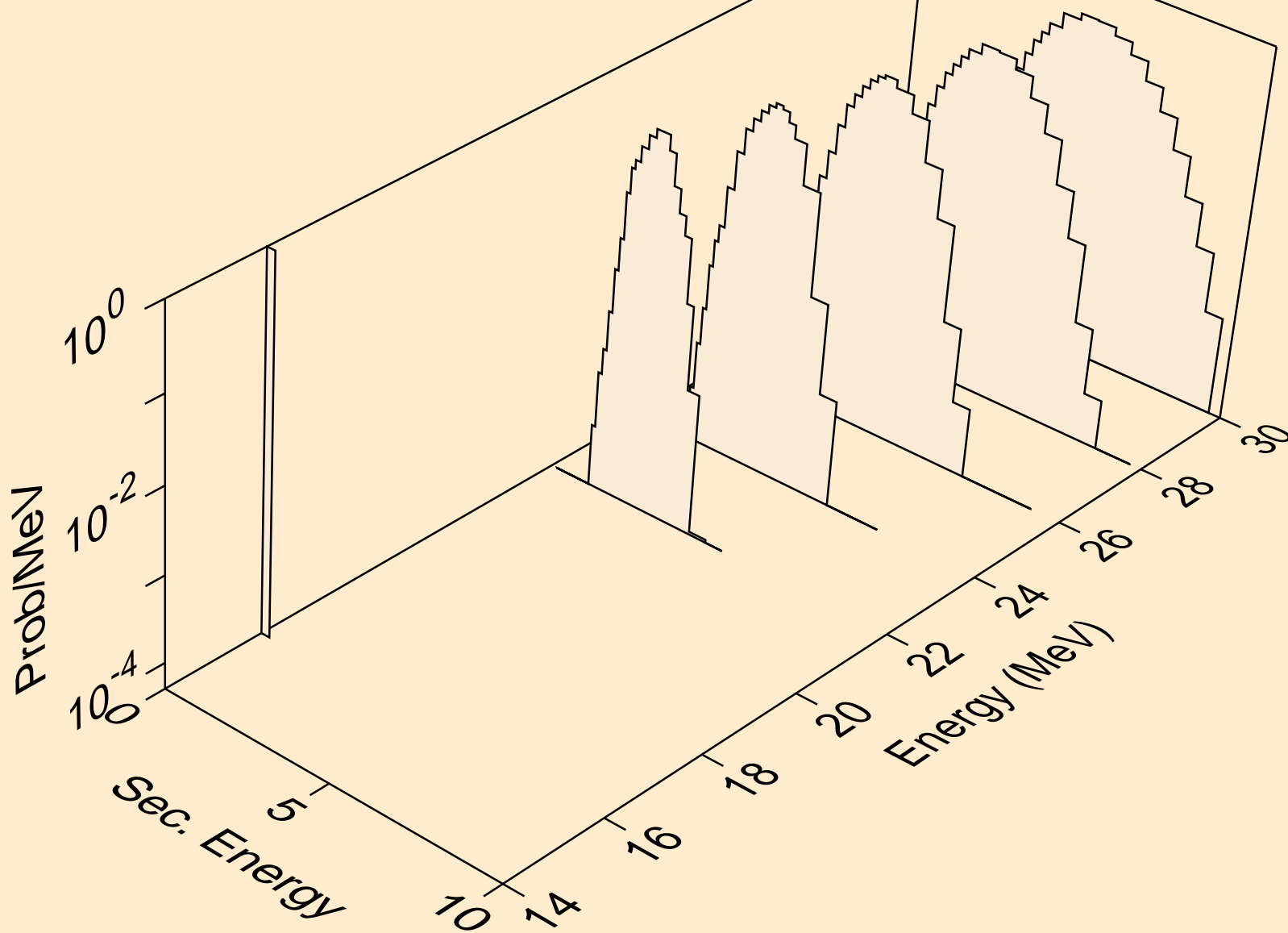
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protons from (n,2p)



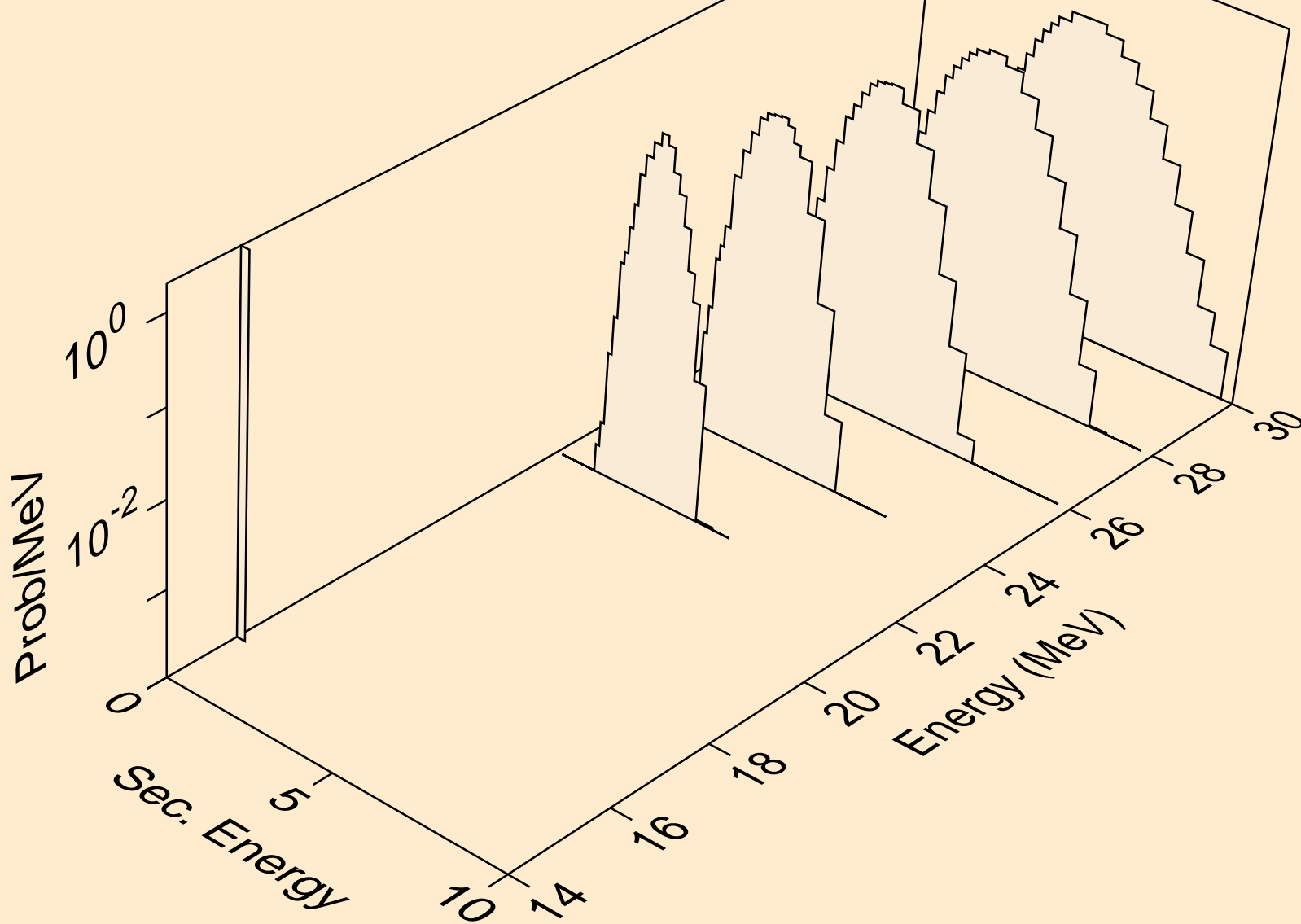
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protons from (n,pa)



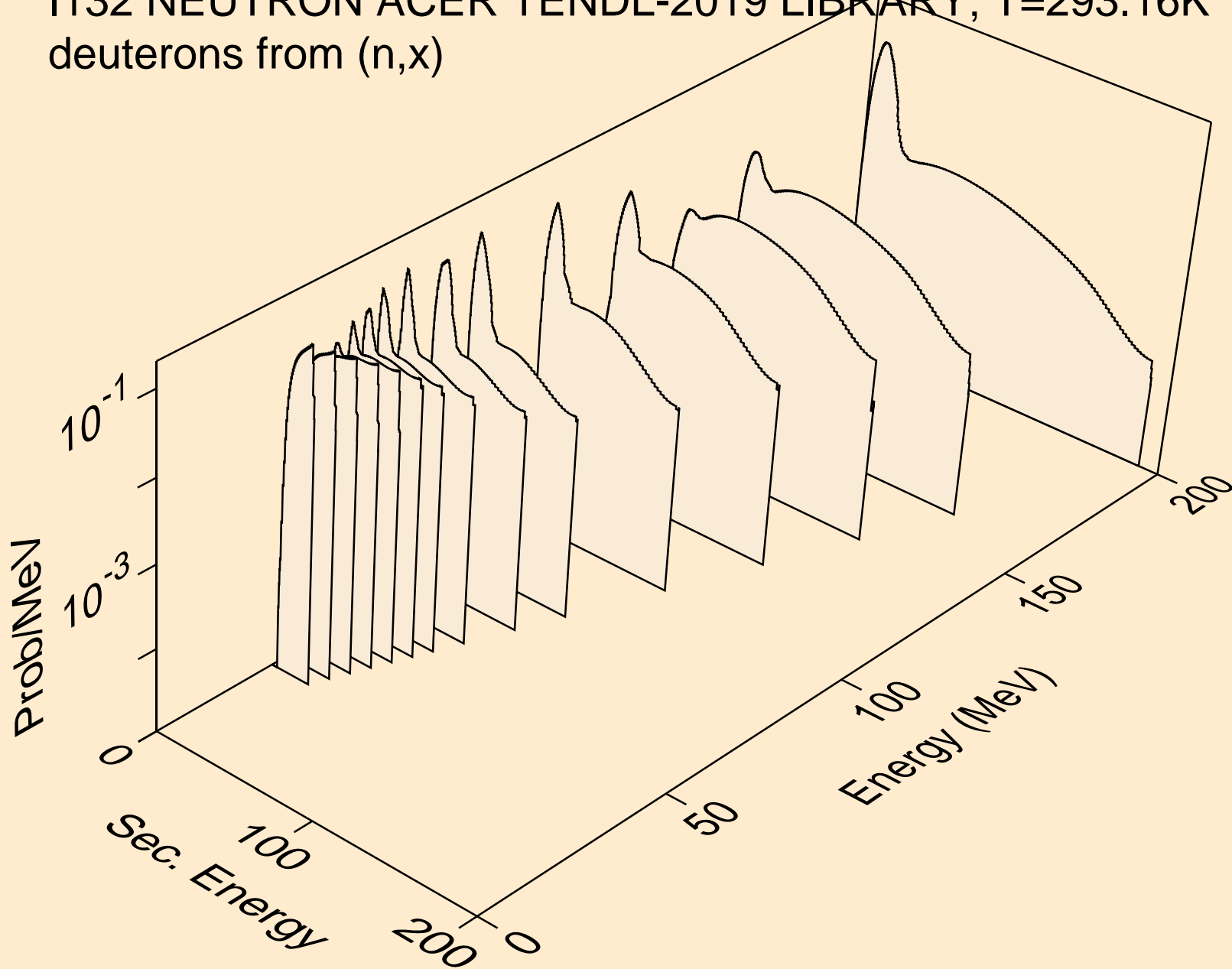
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protons from (n,pd)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

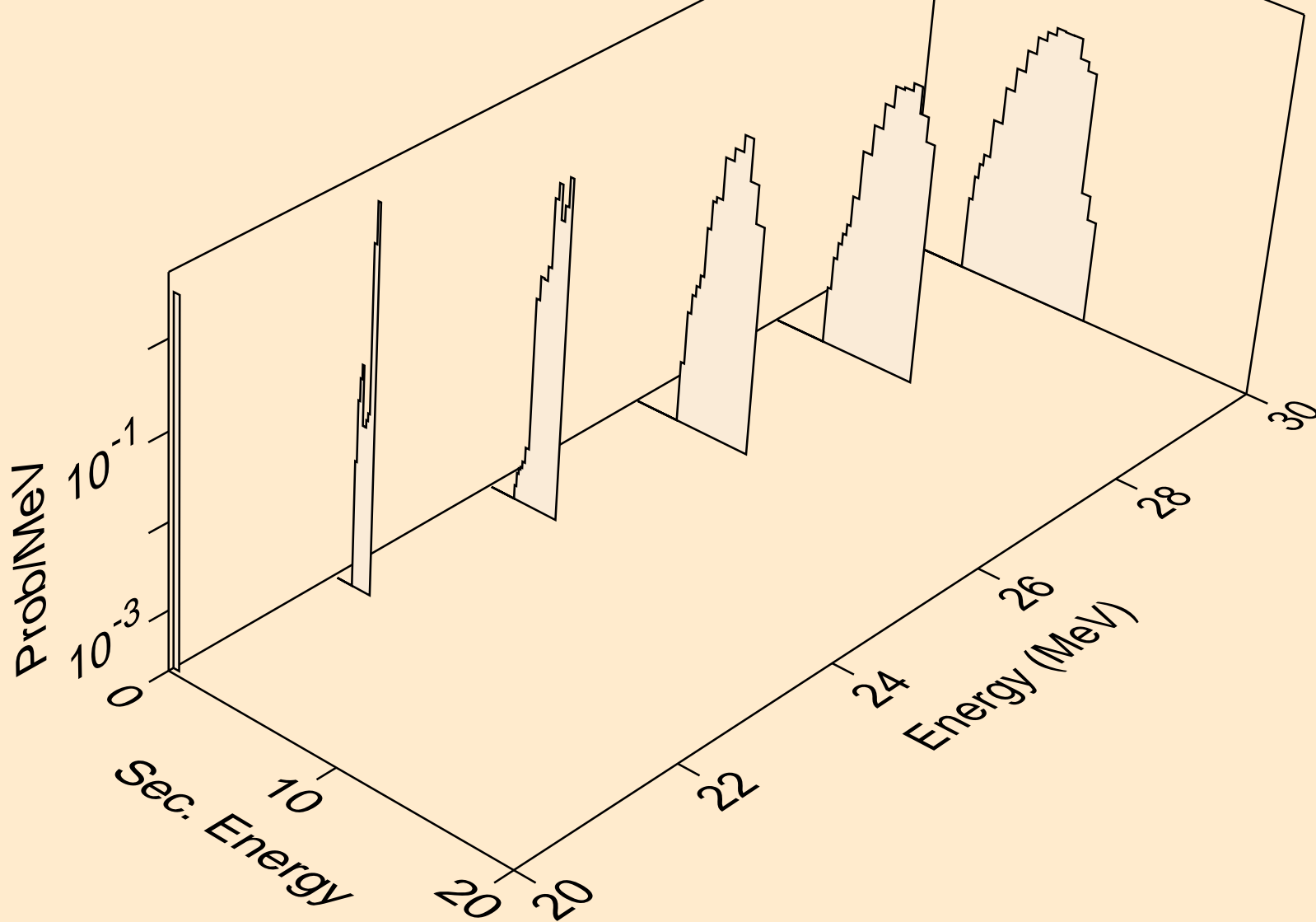


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deuterons from (n,x)

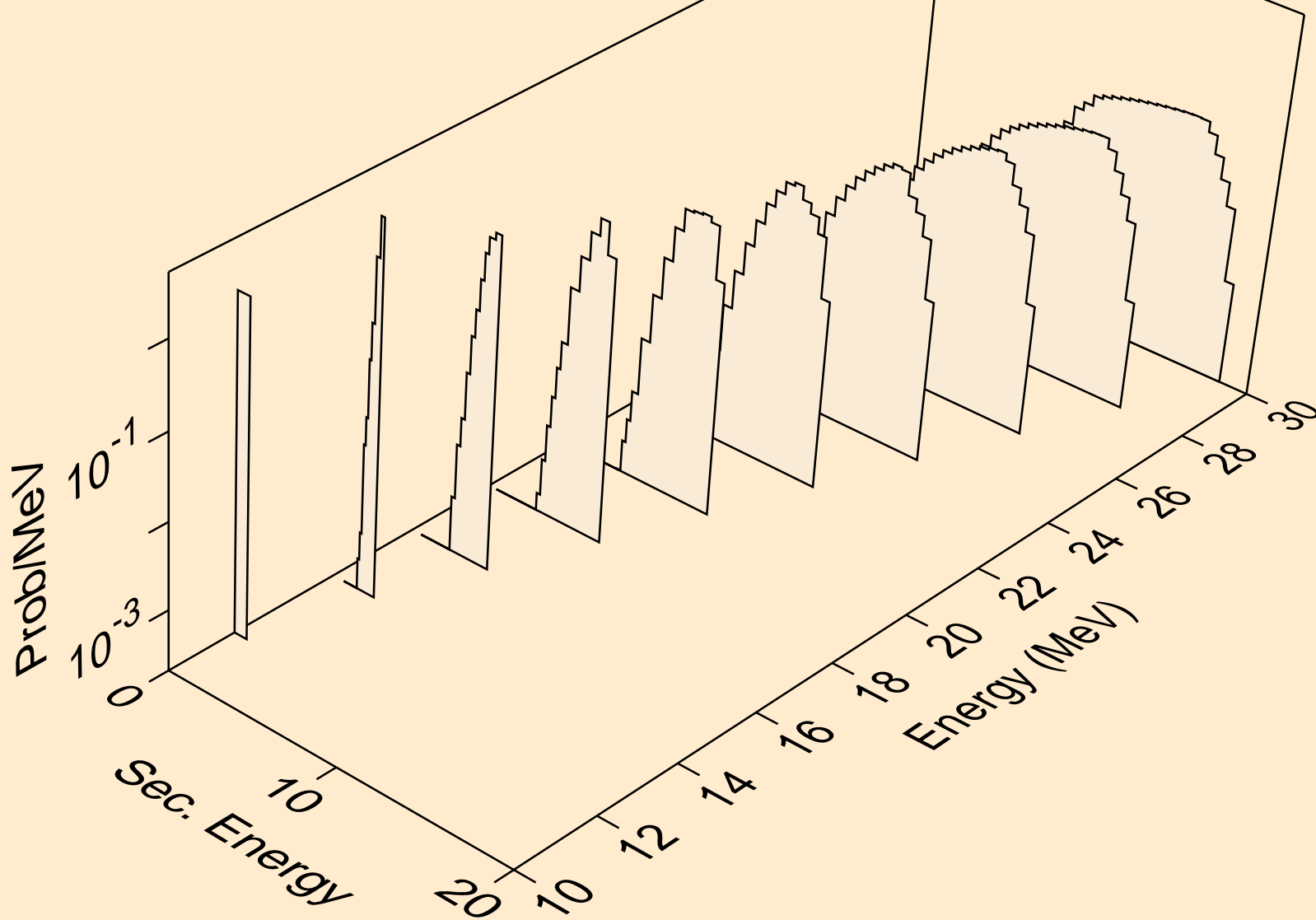




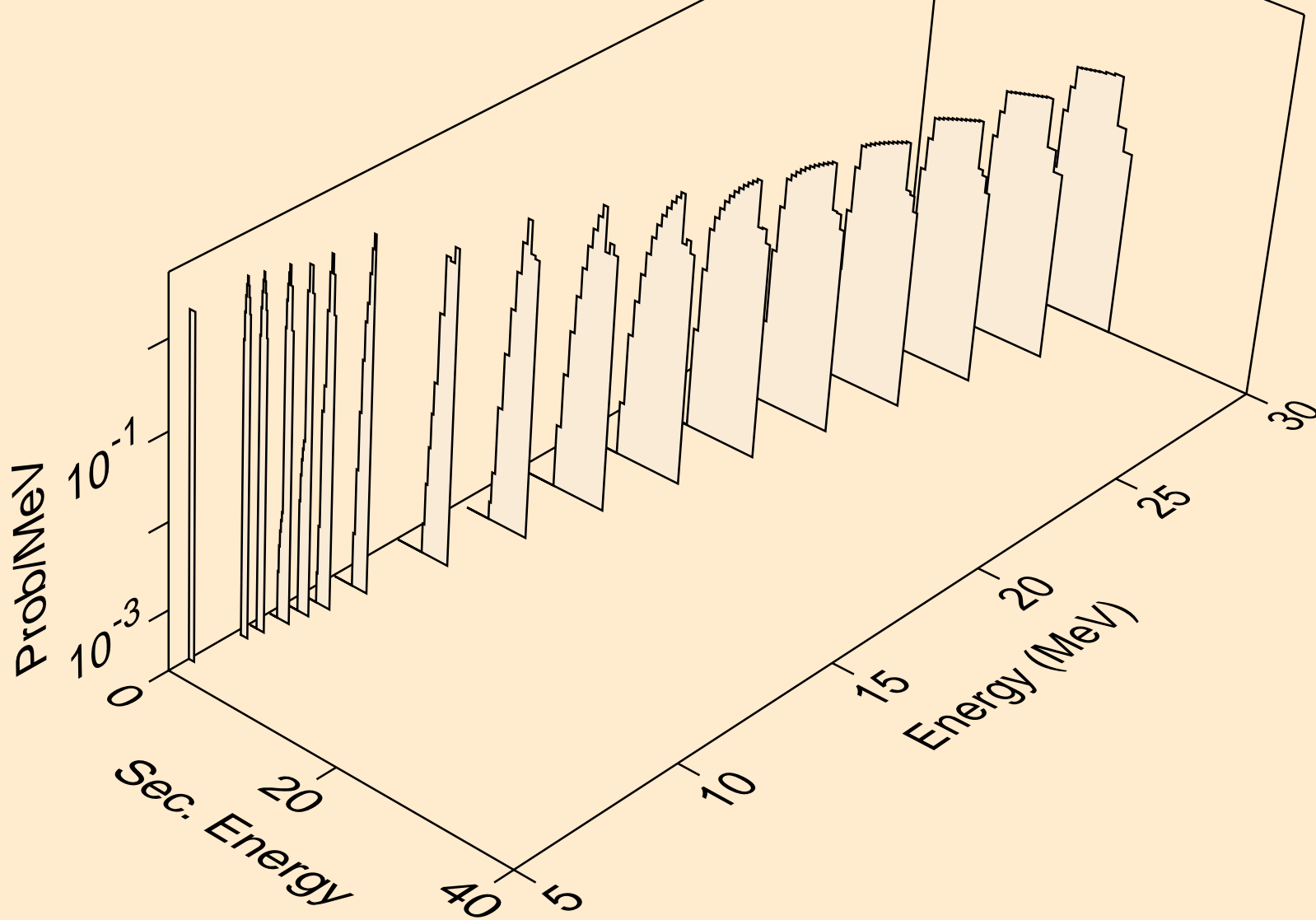
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



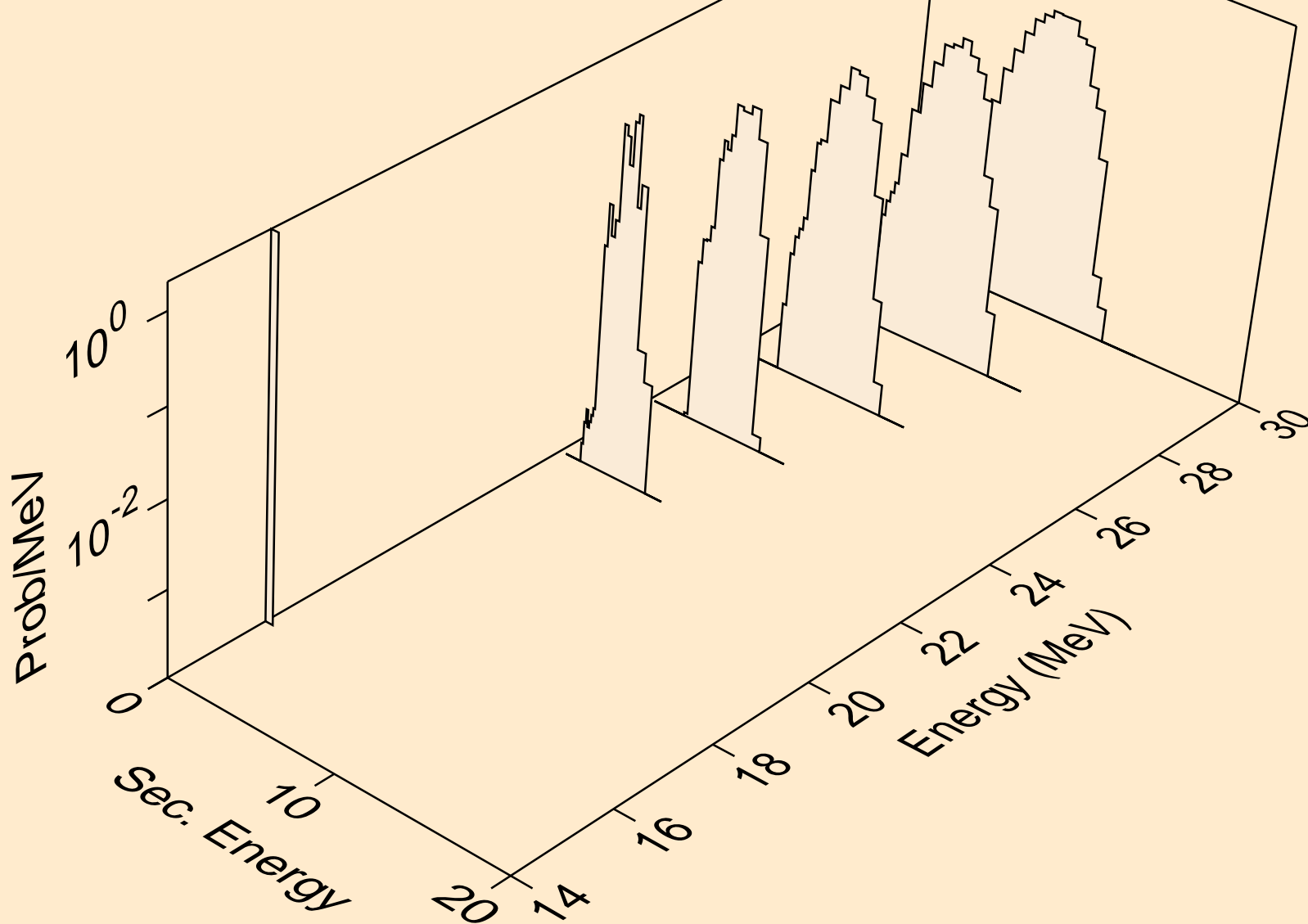
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



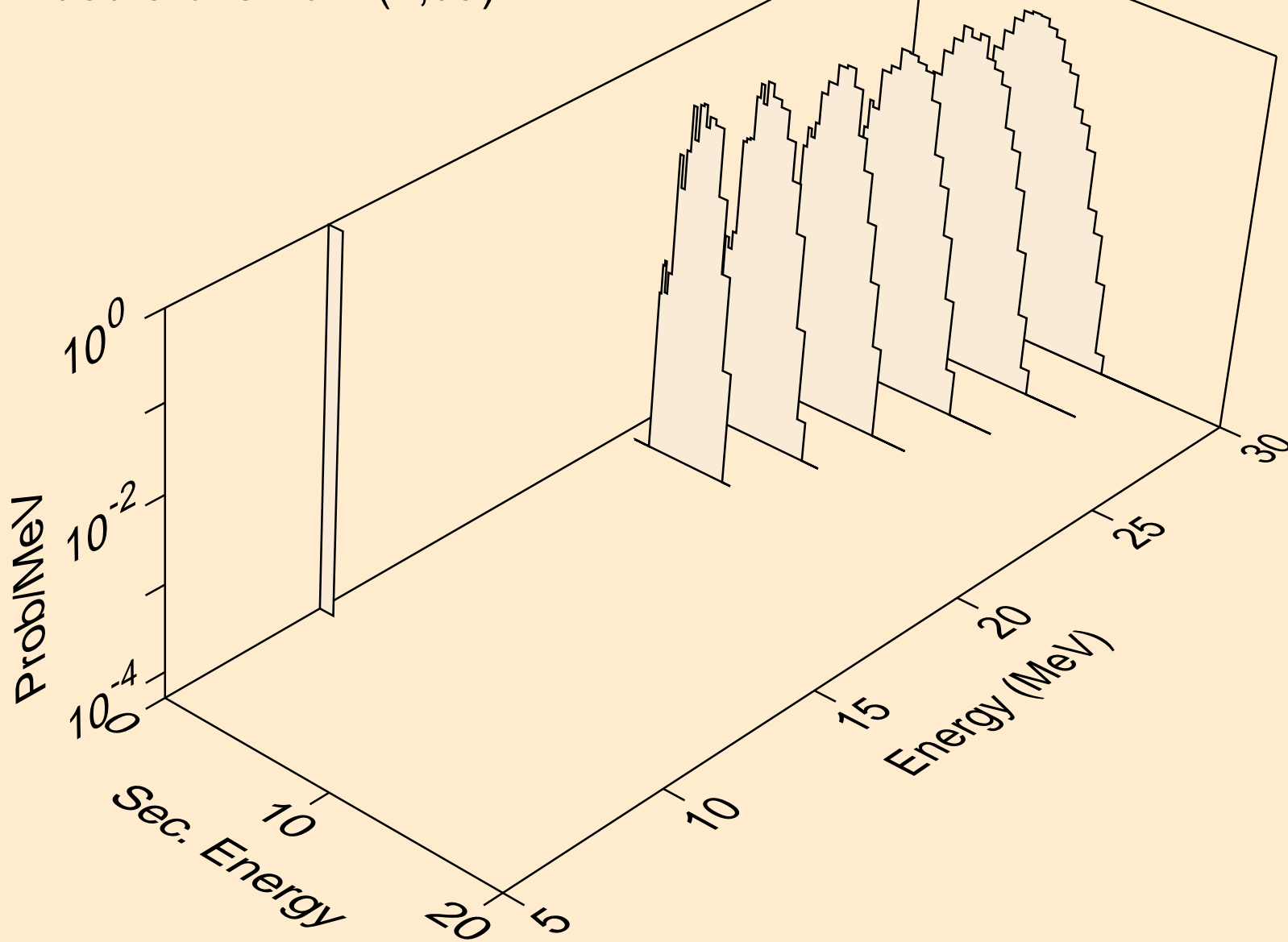
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deuterons from (n,d)



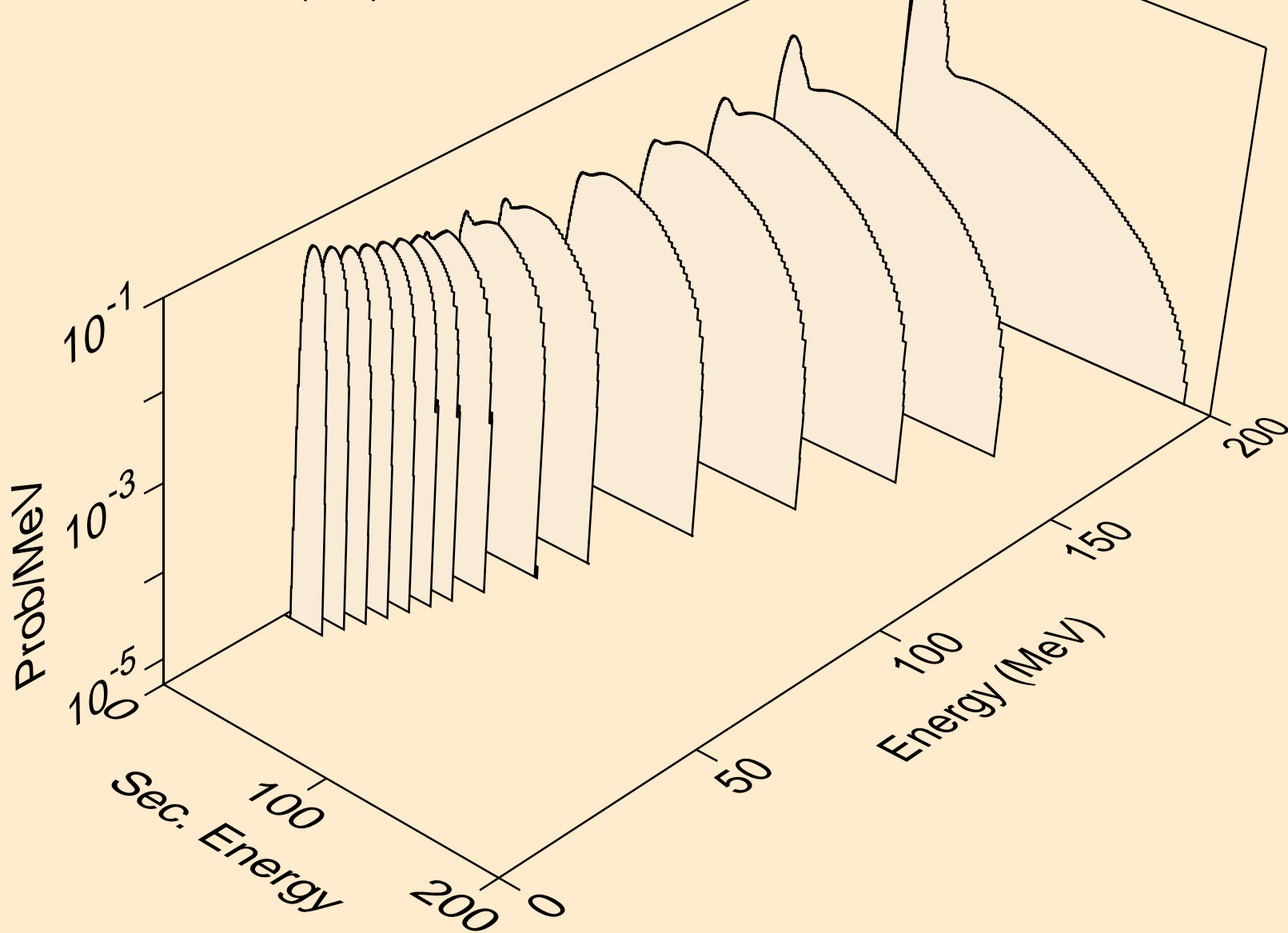
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deuterons from (n,pd)



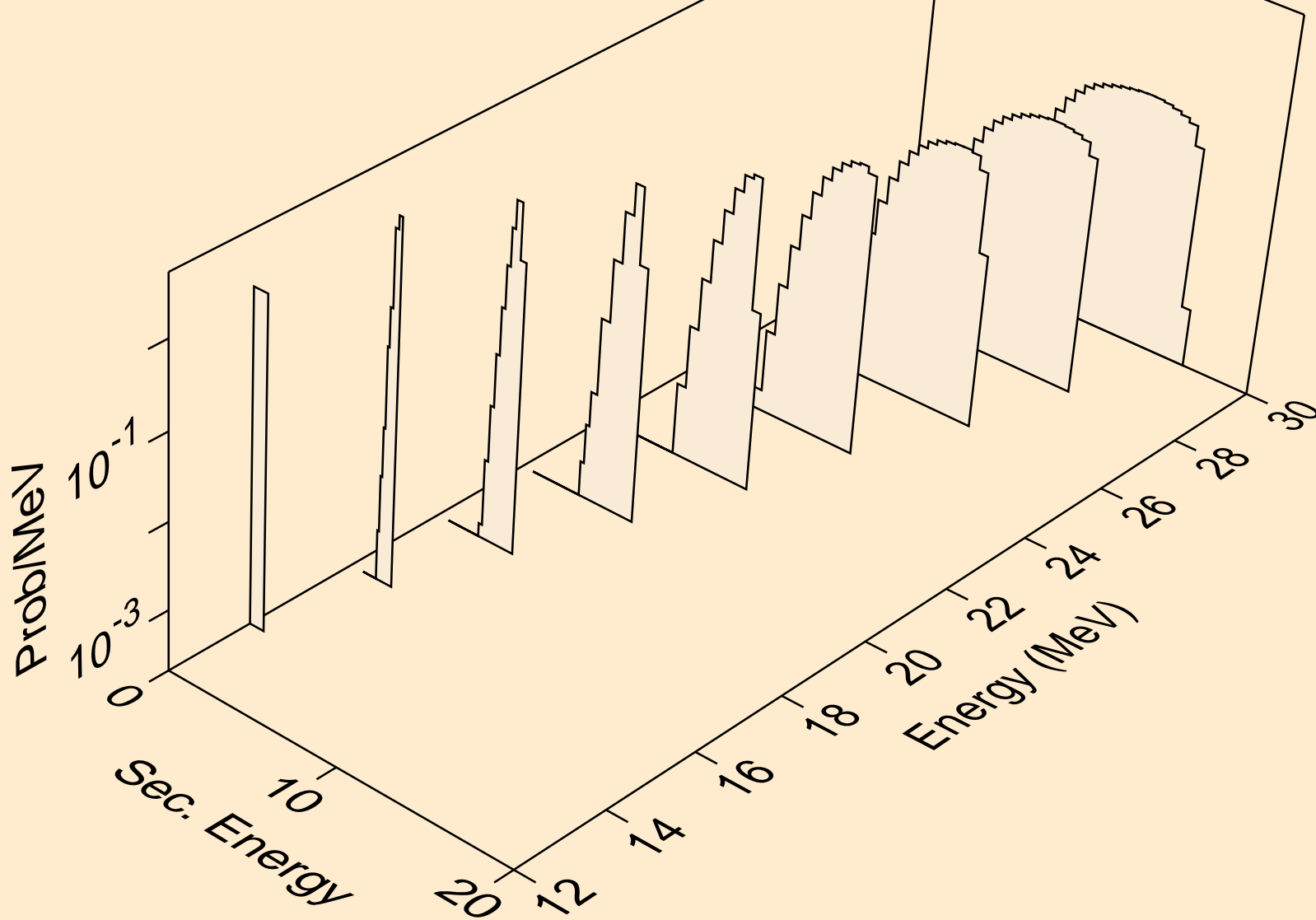
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



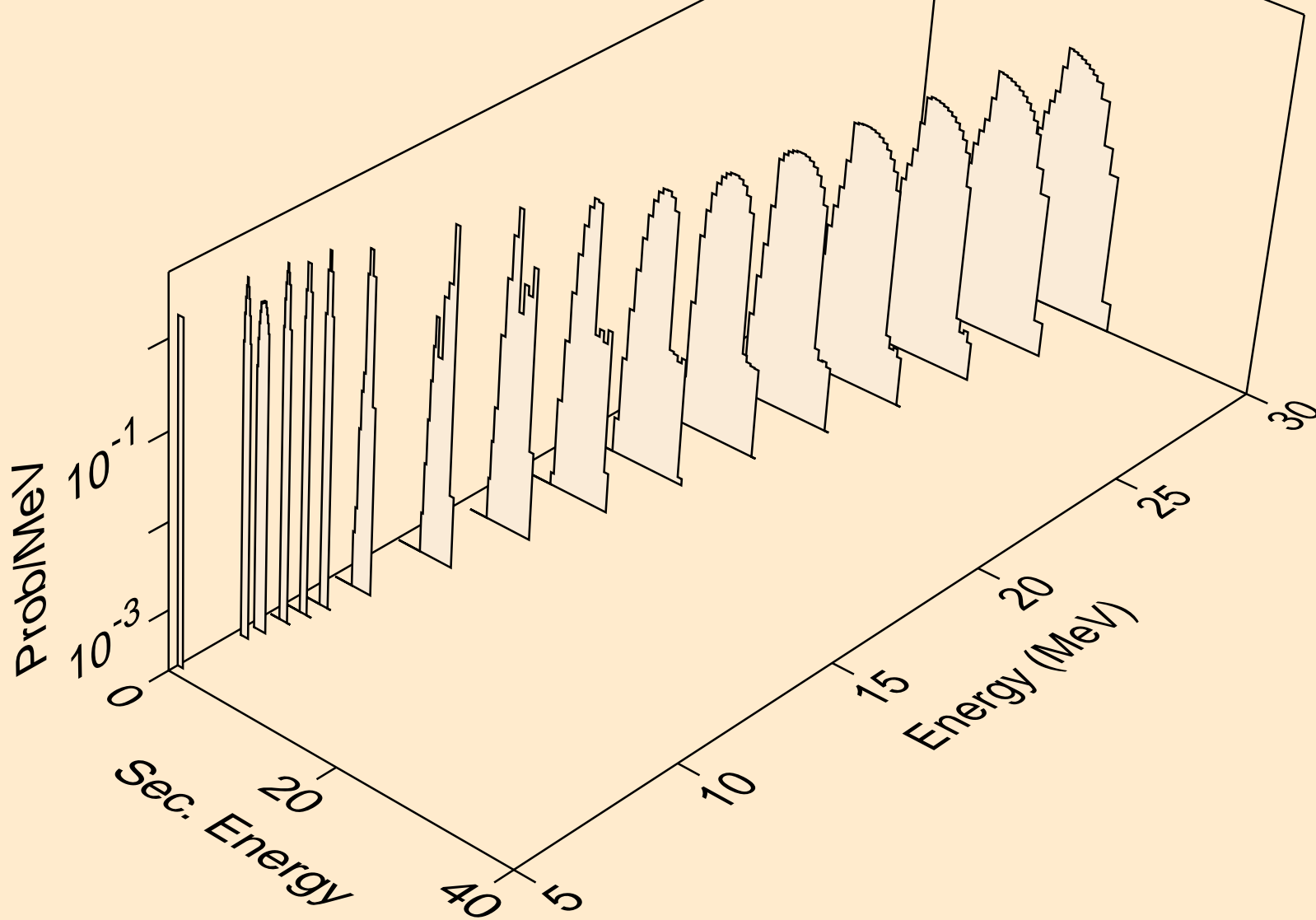
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

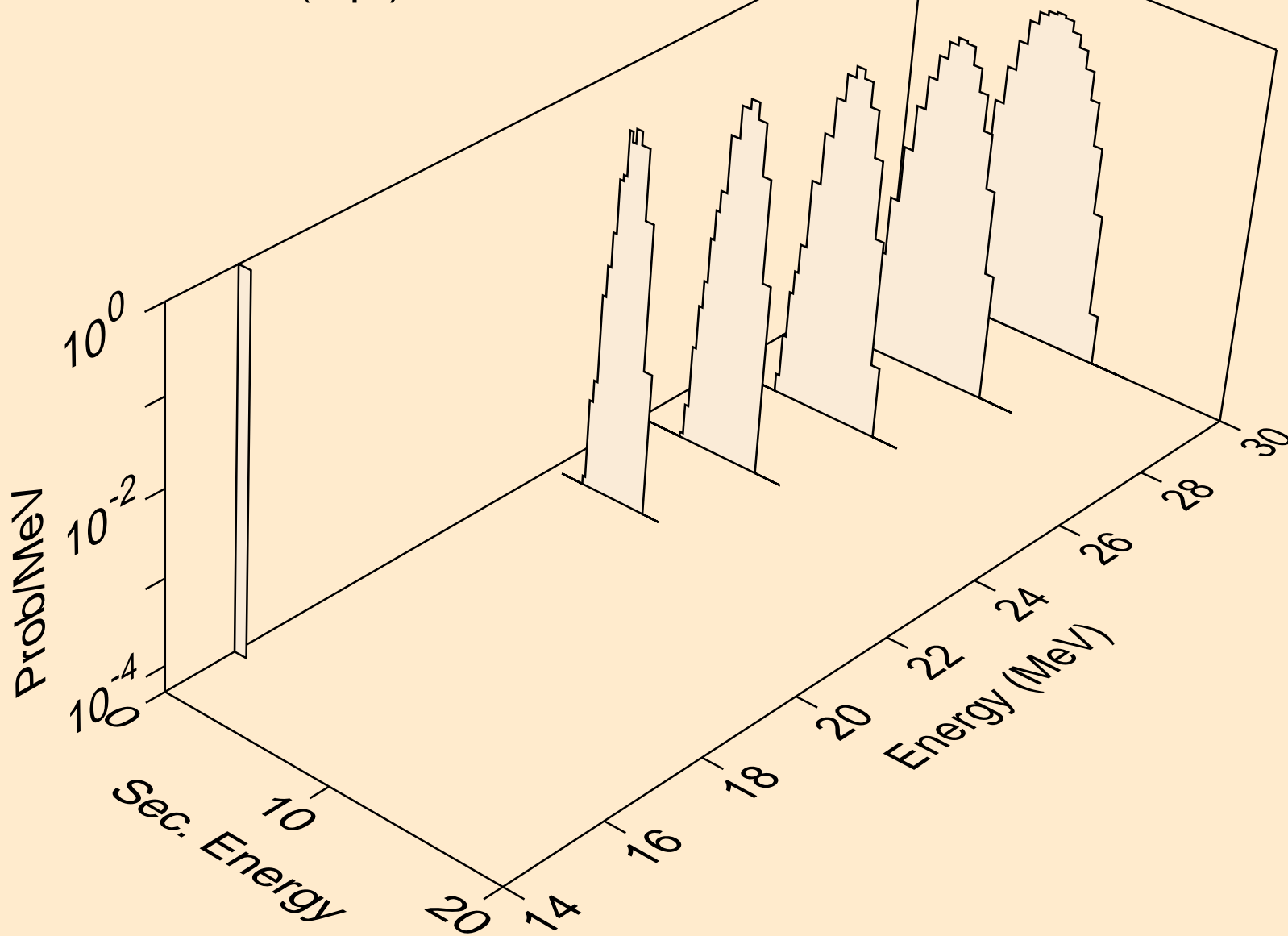


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

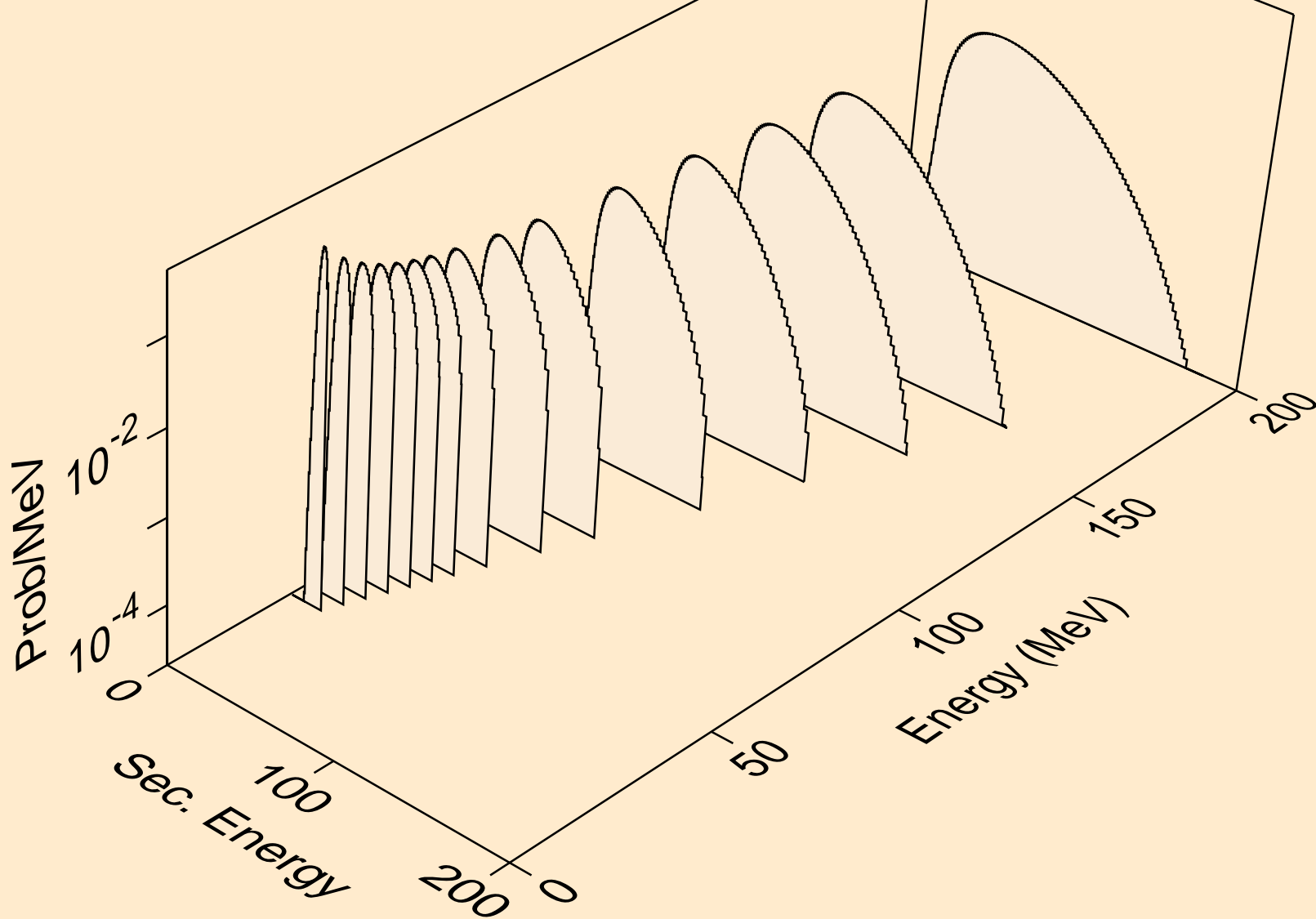




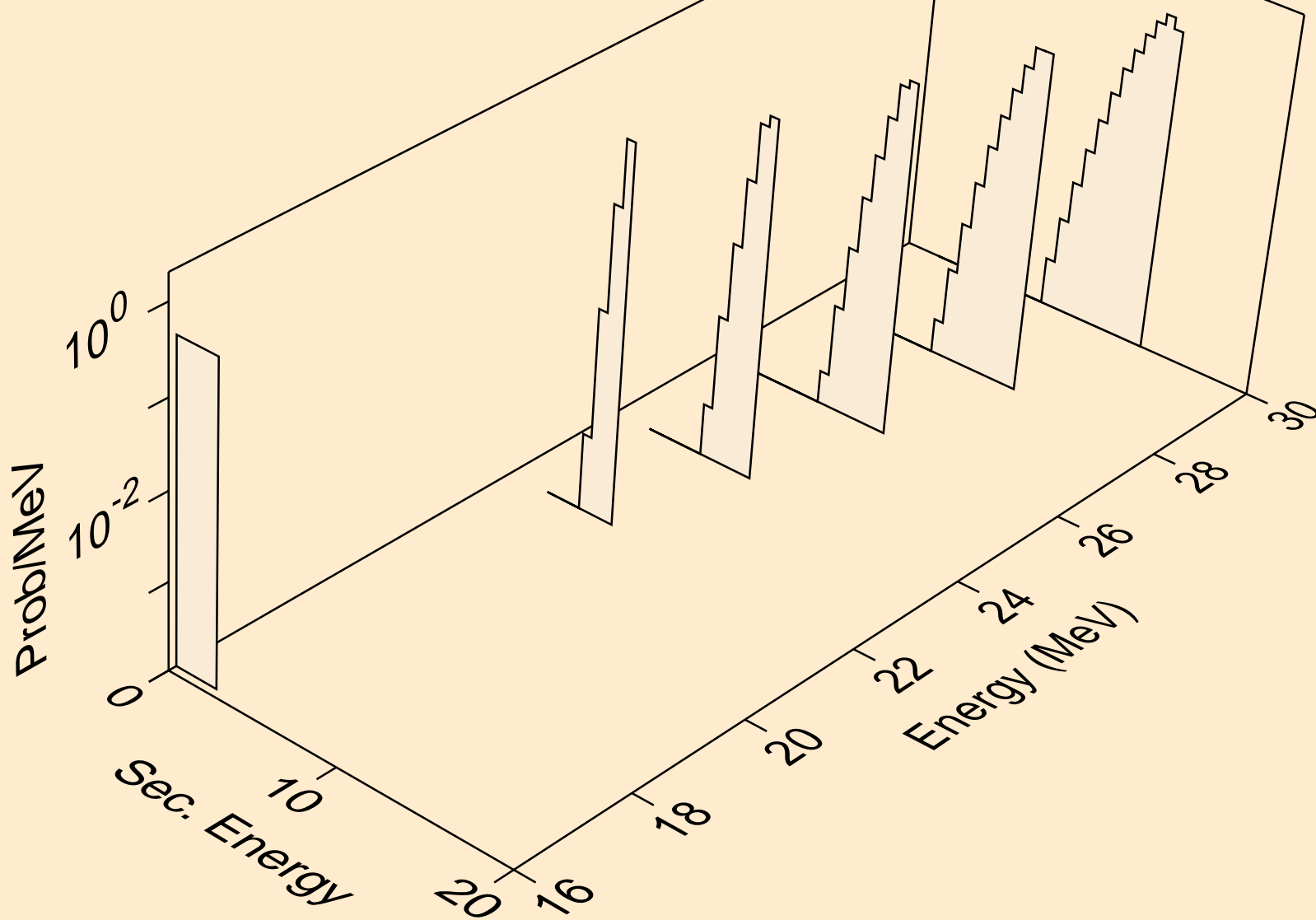
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



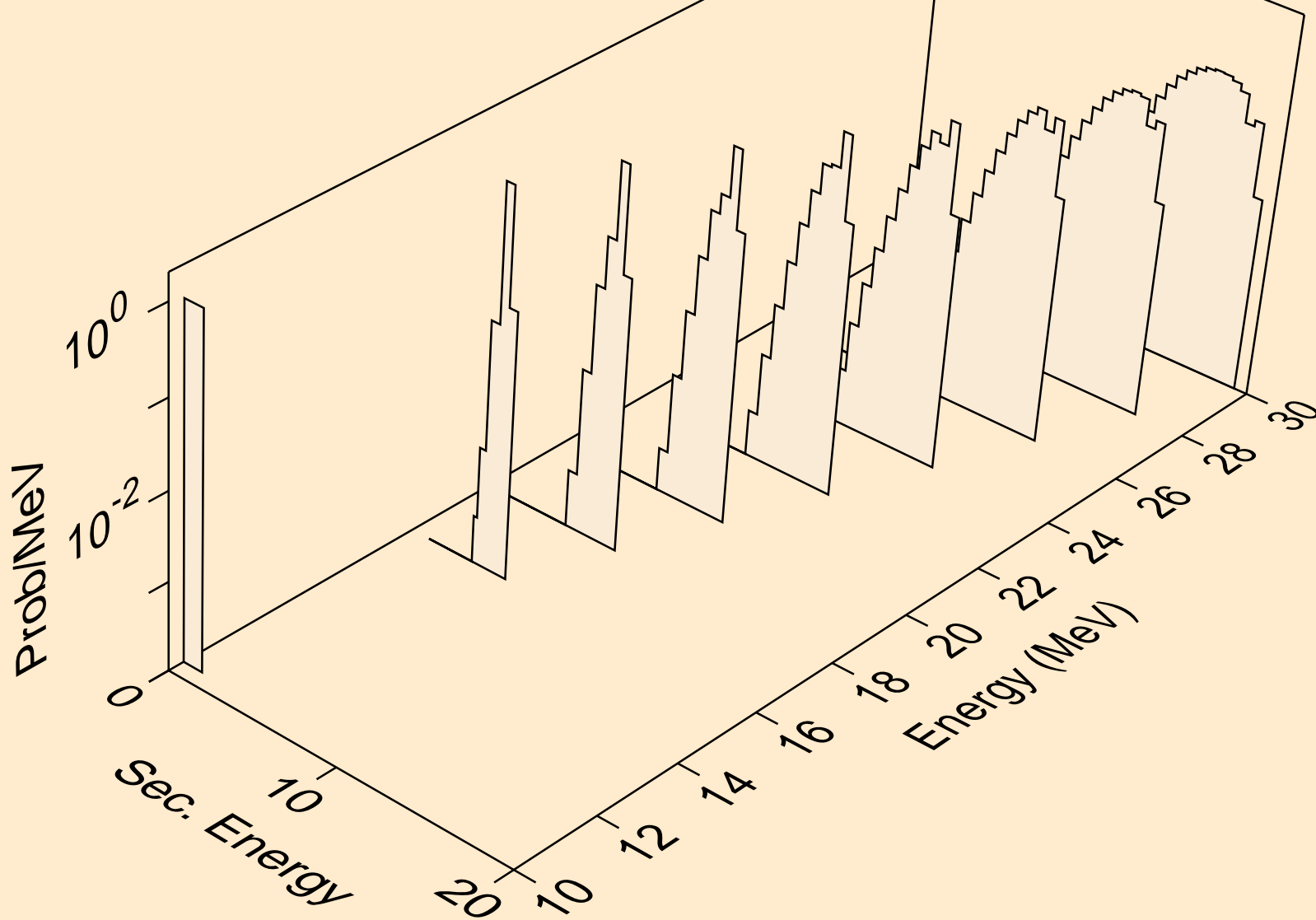
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



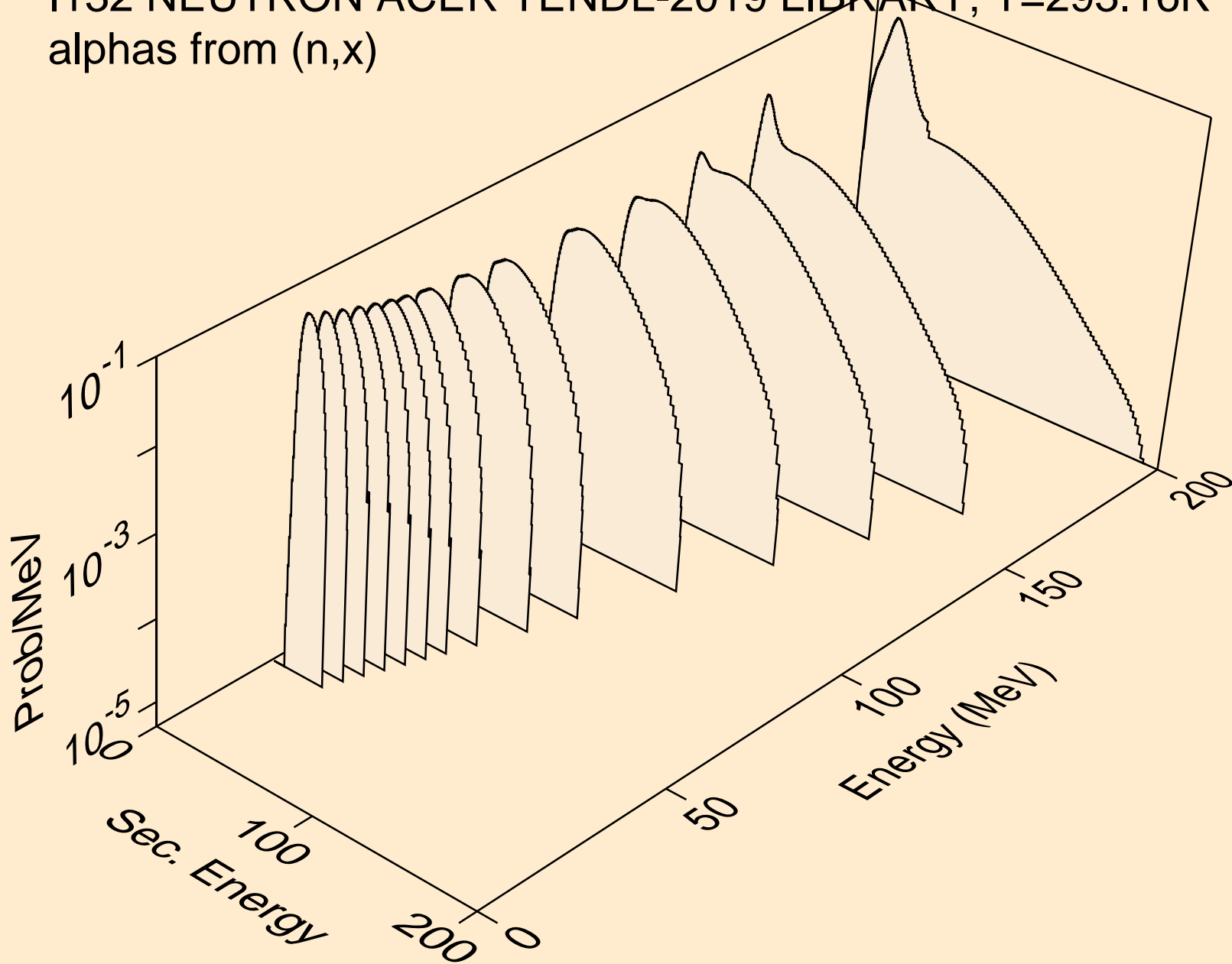
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he3s from (n,n\*)he3



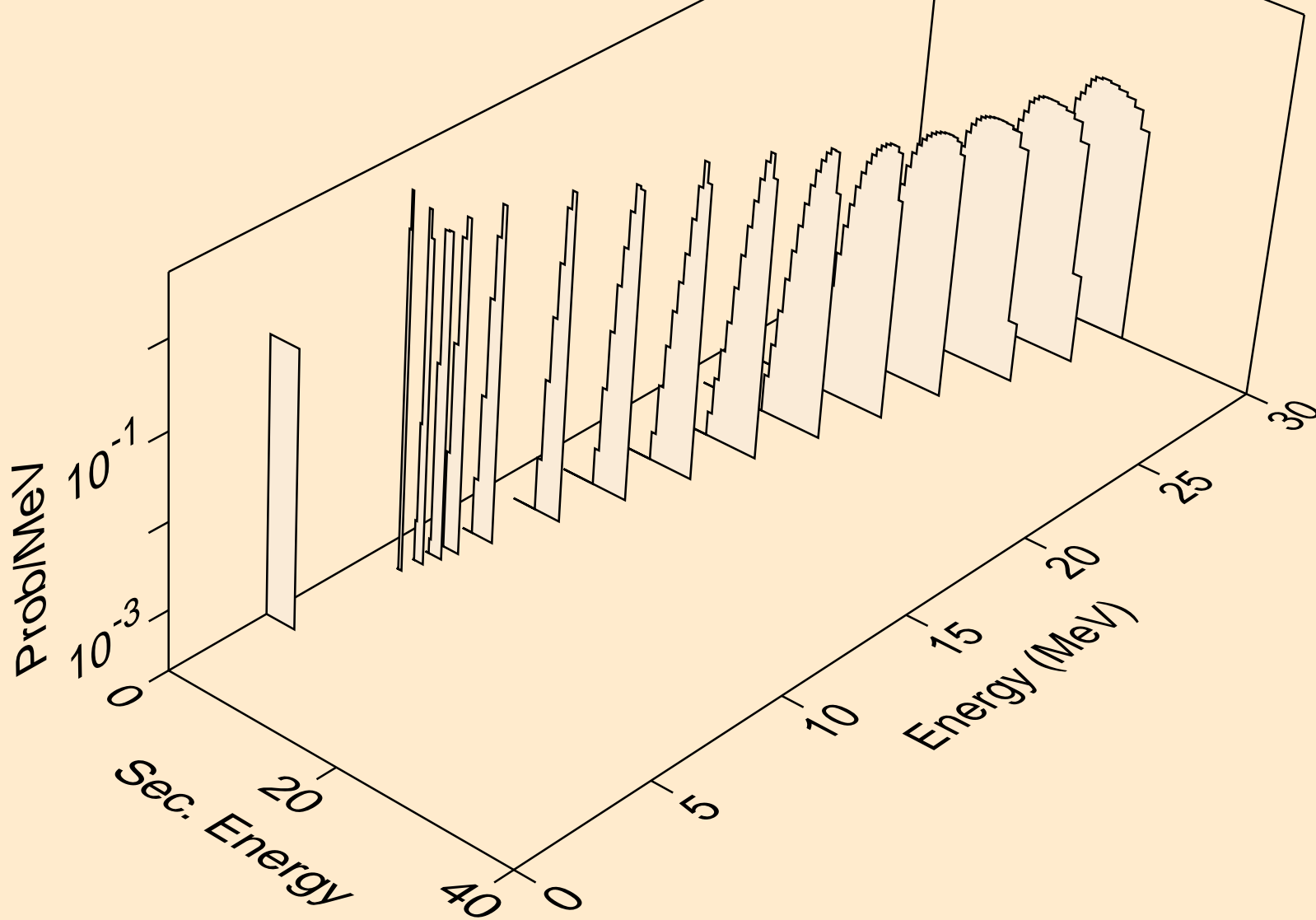
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he3s from (n,he3)



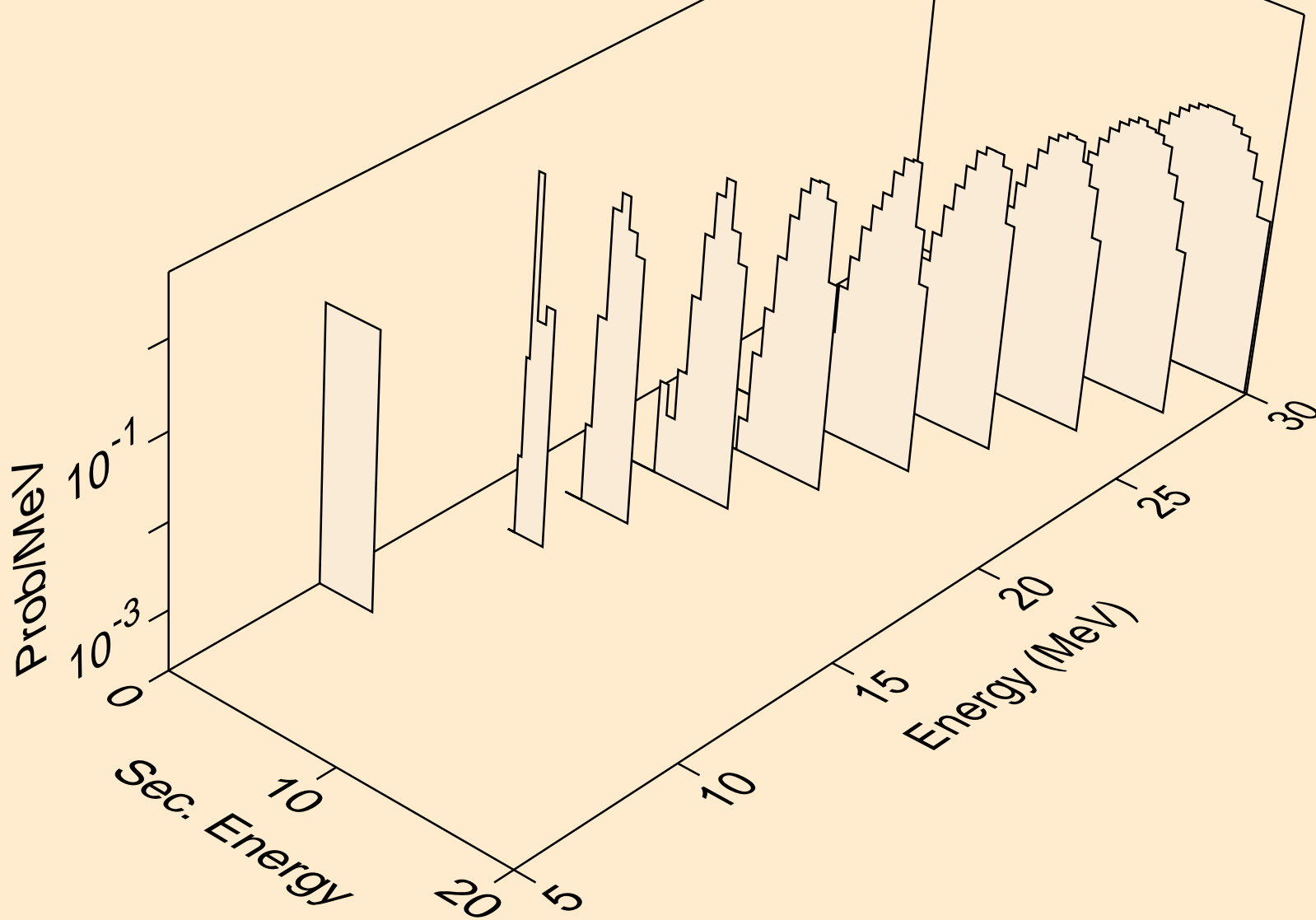
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alphas from (n,x)



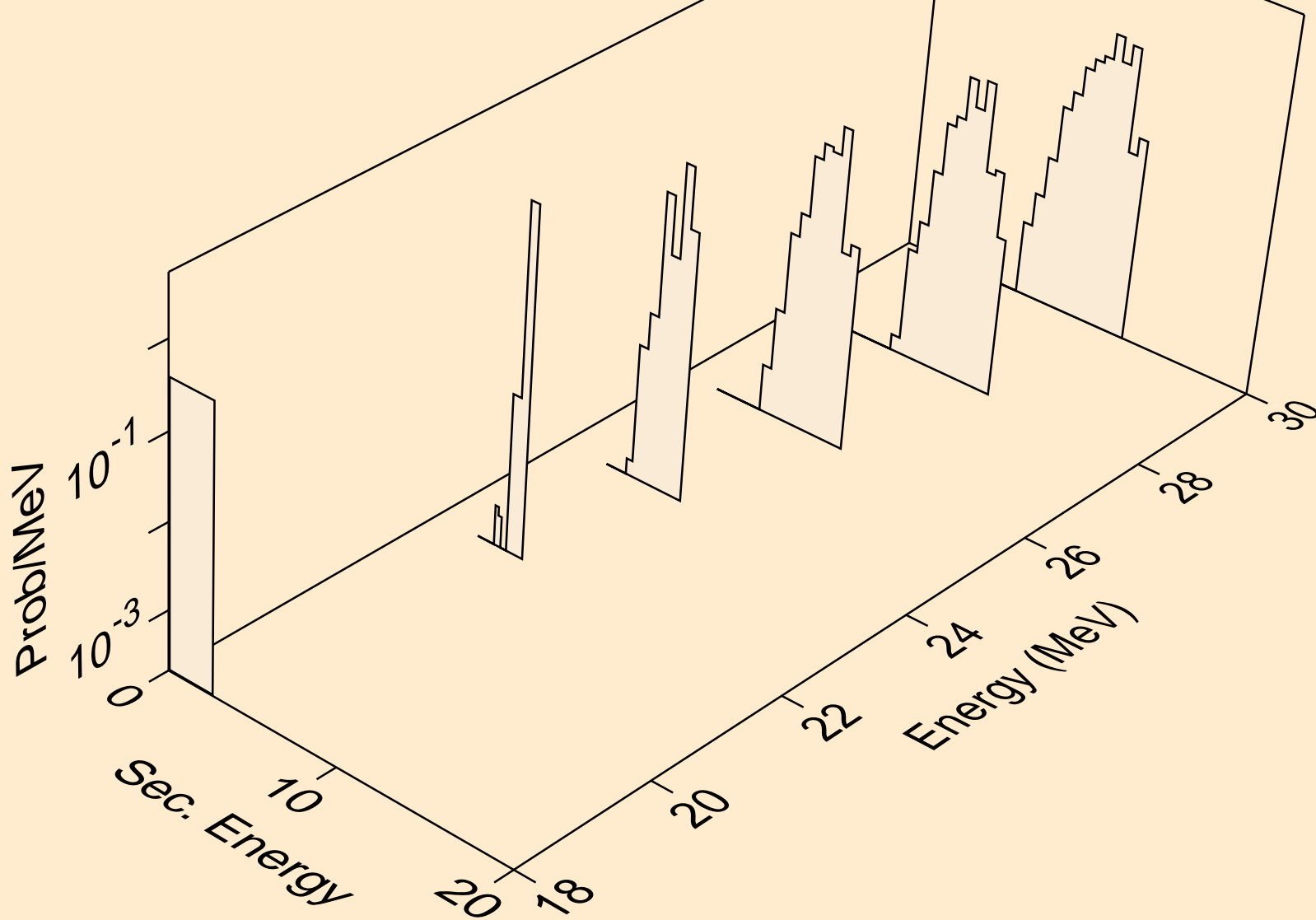
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

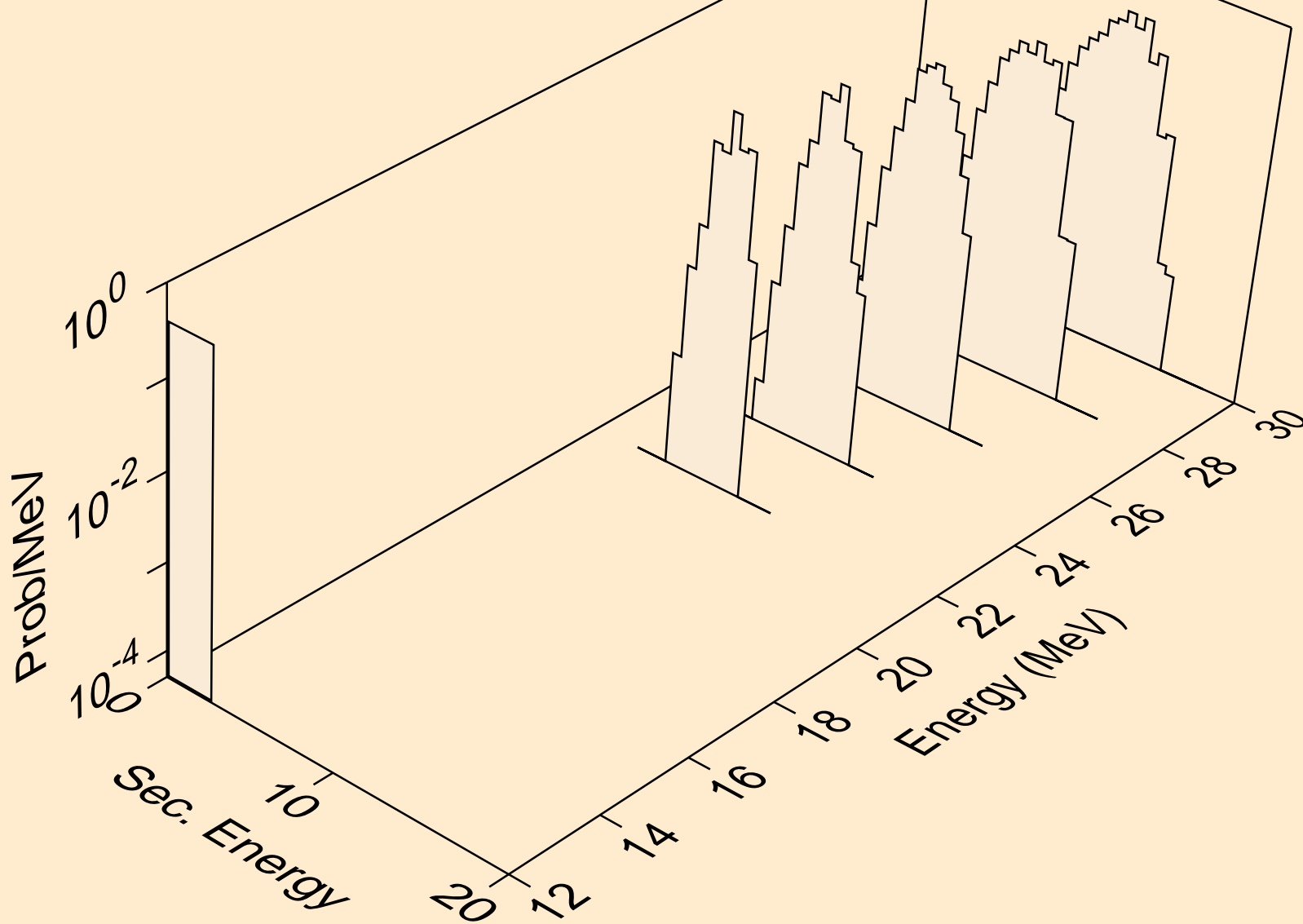


I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

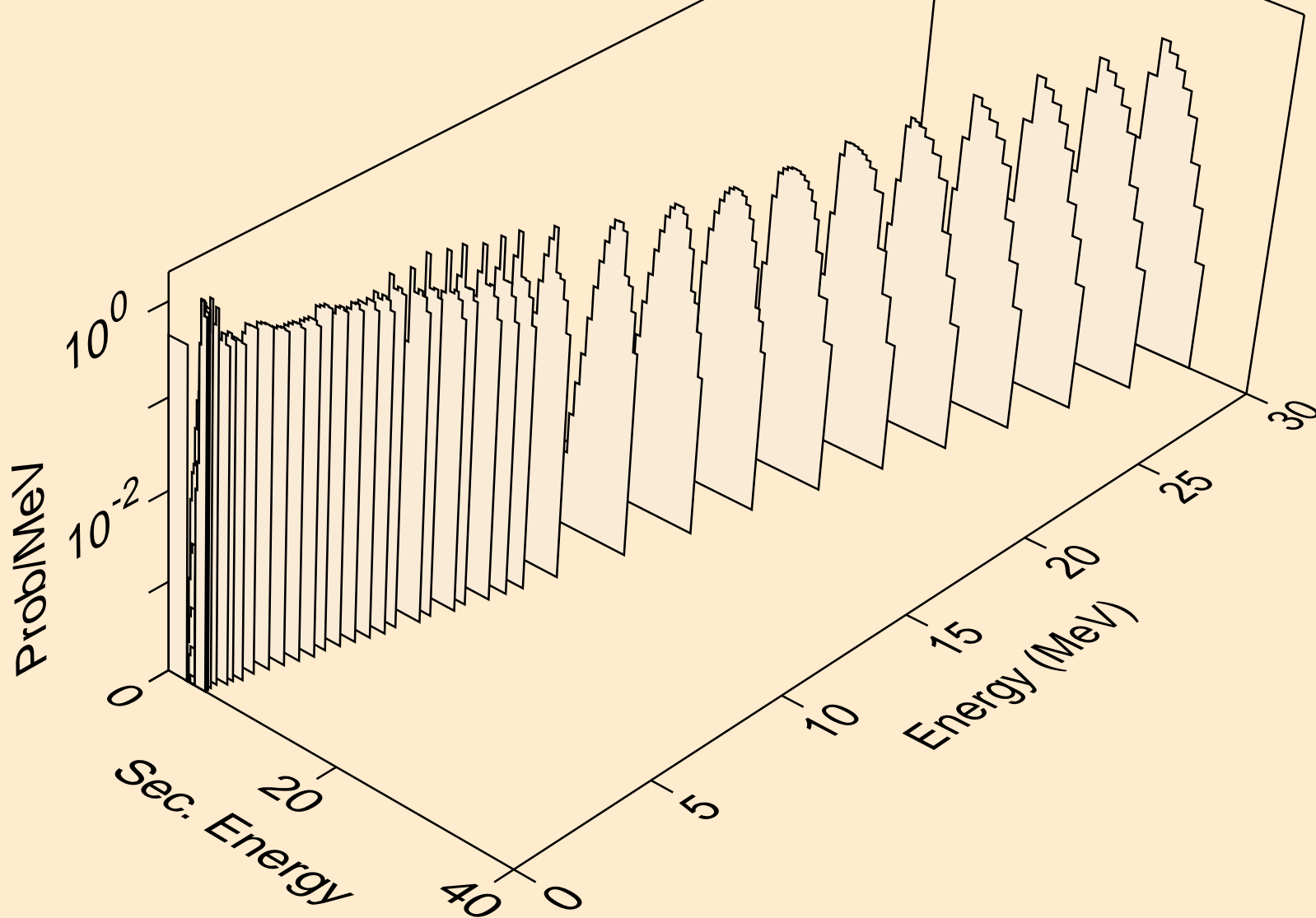




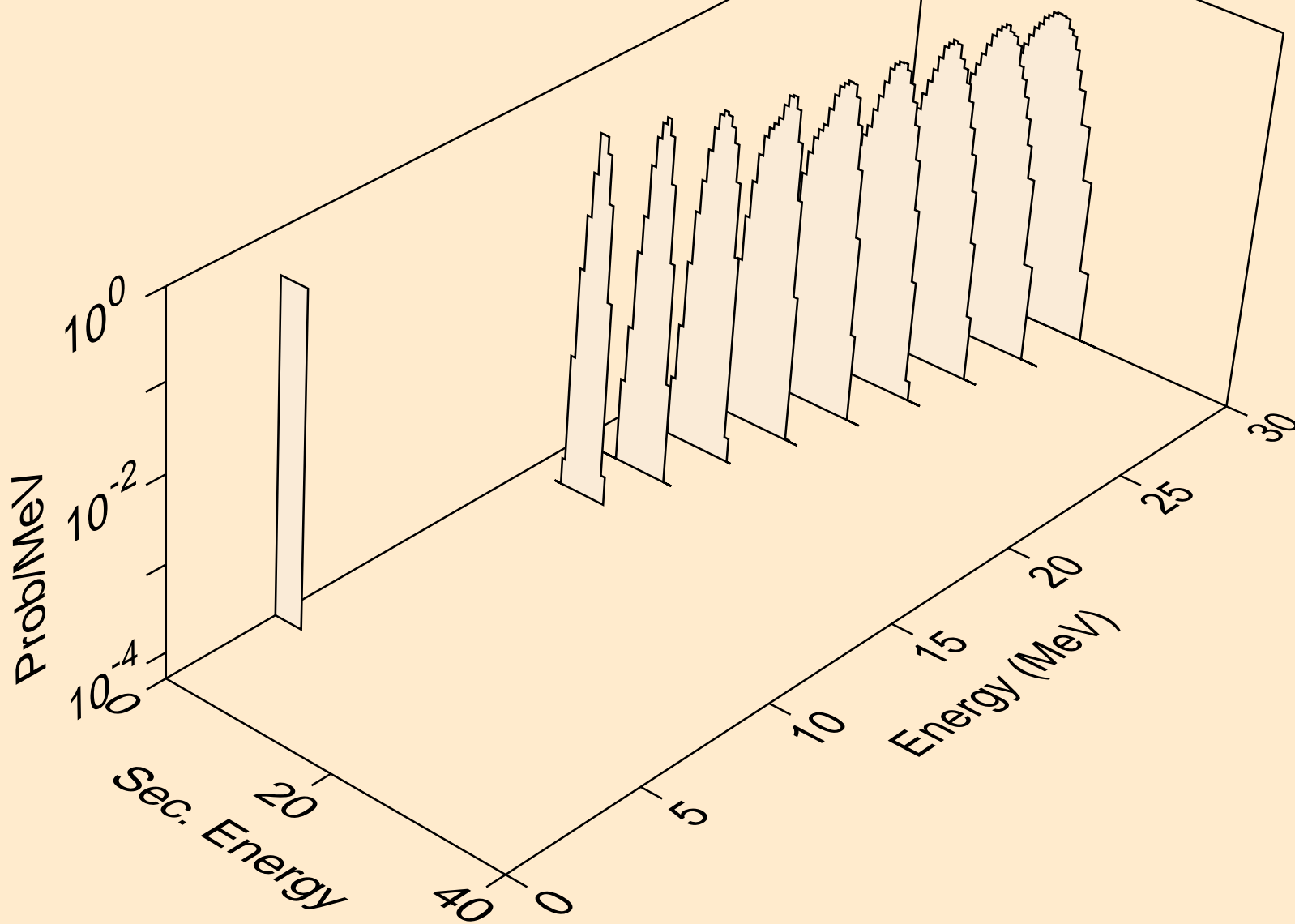
I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



I132 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

