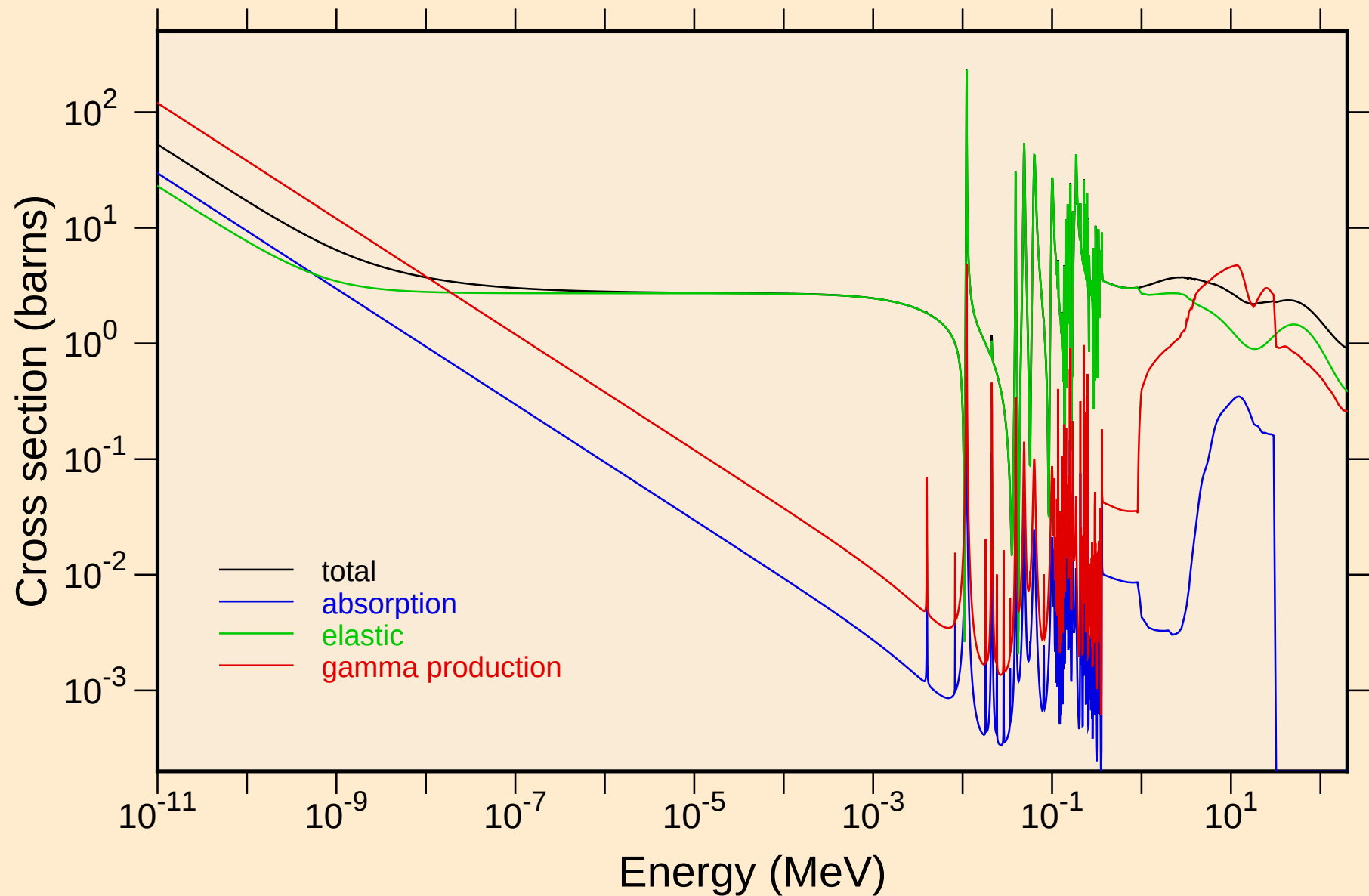
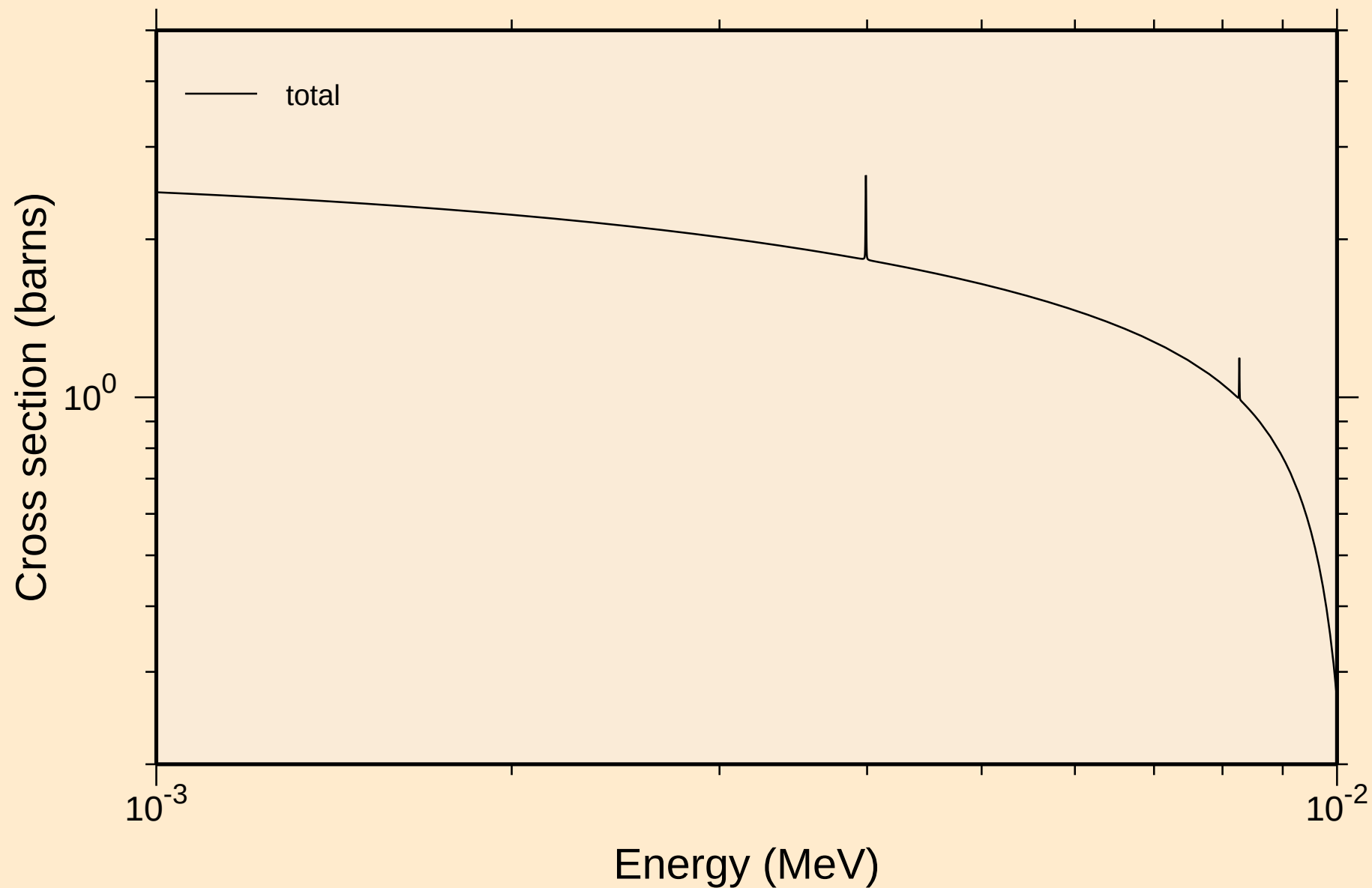


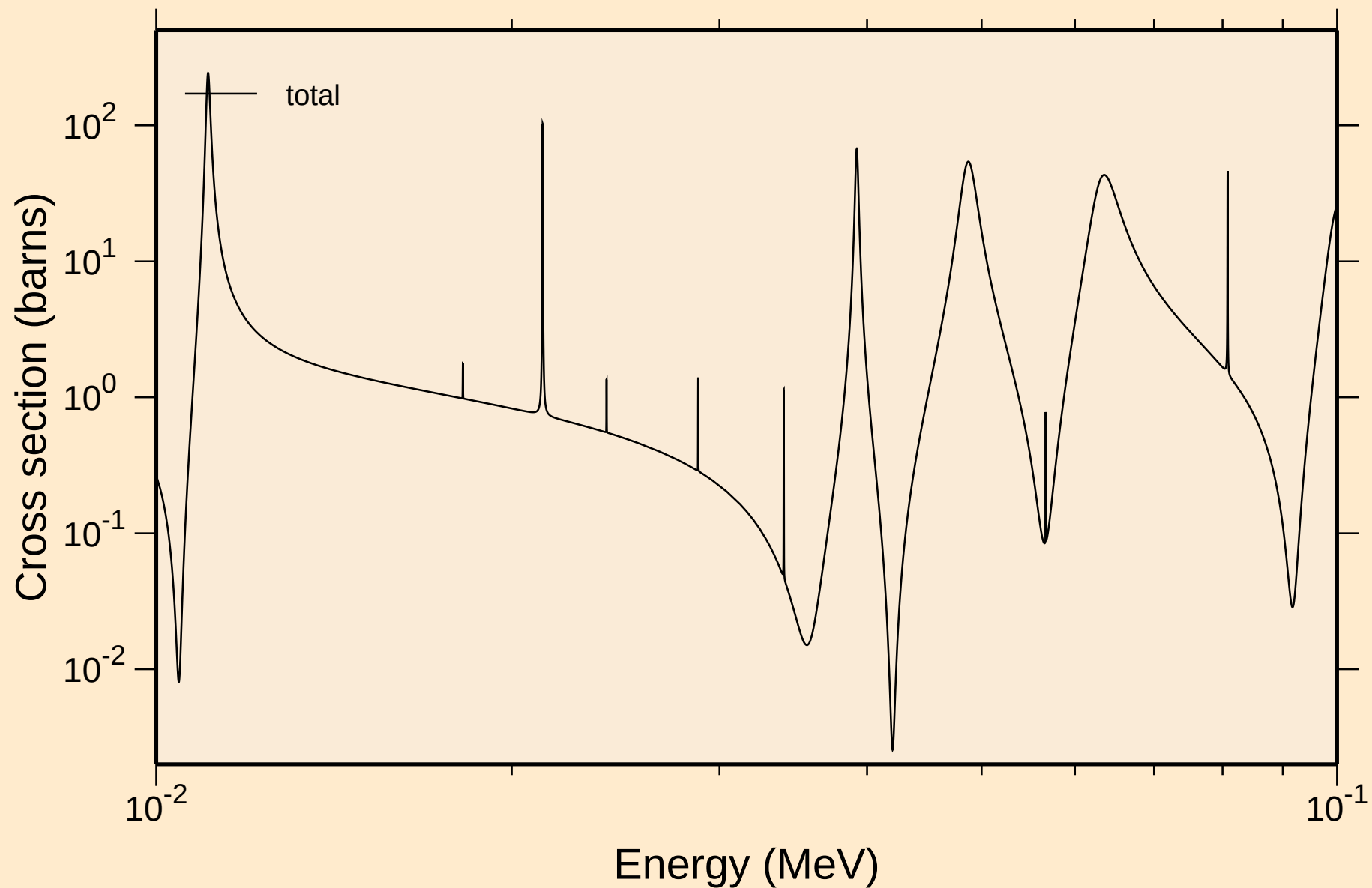
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



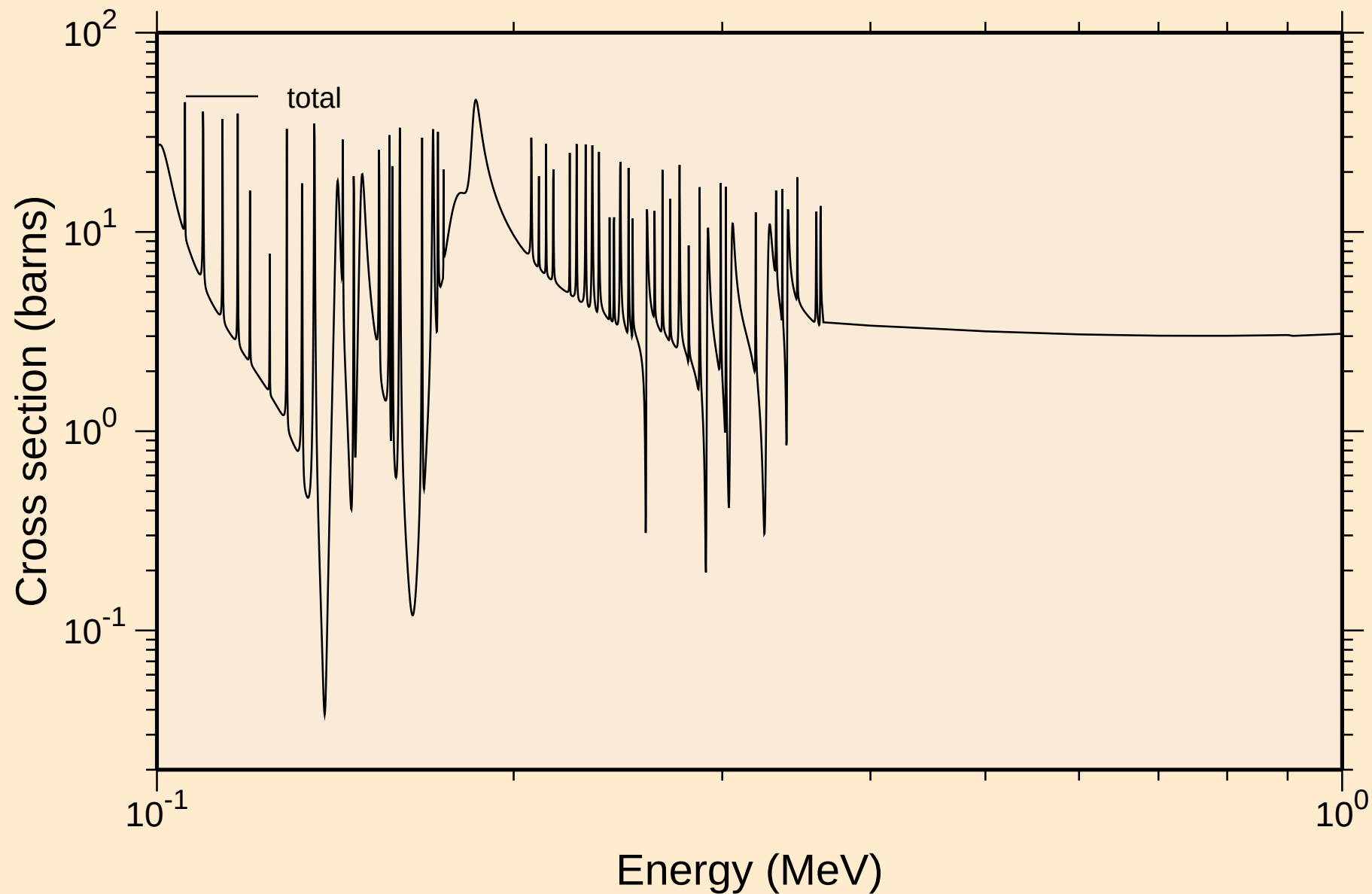
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



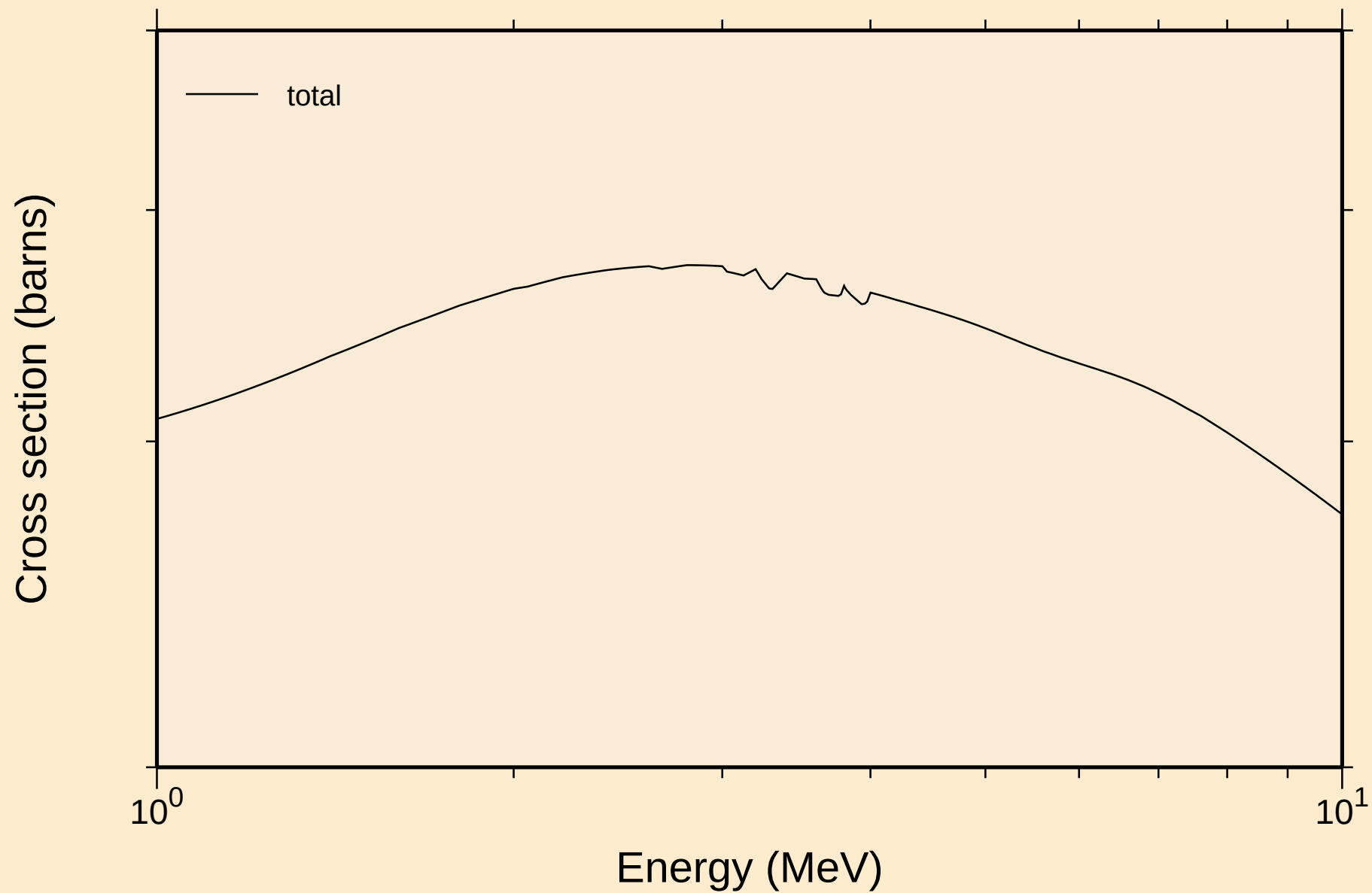
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



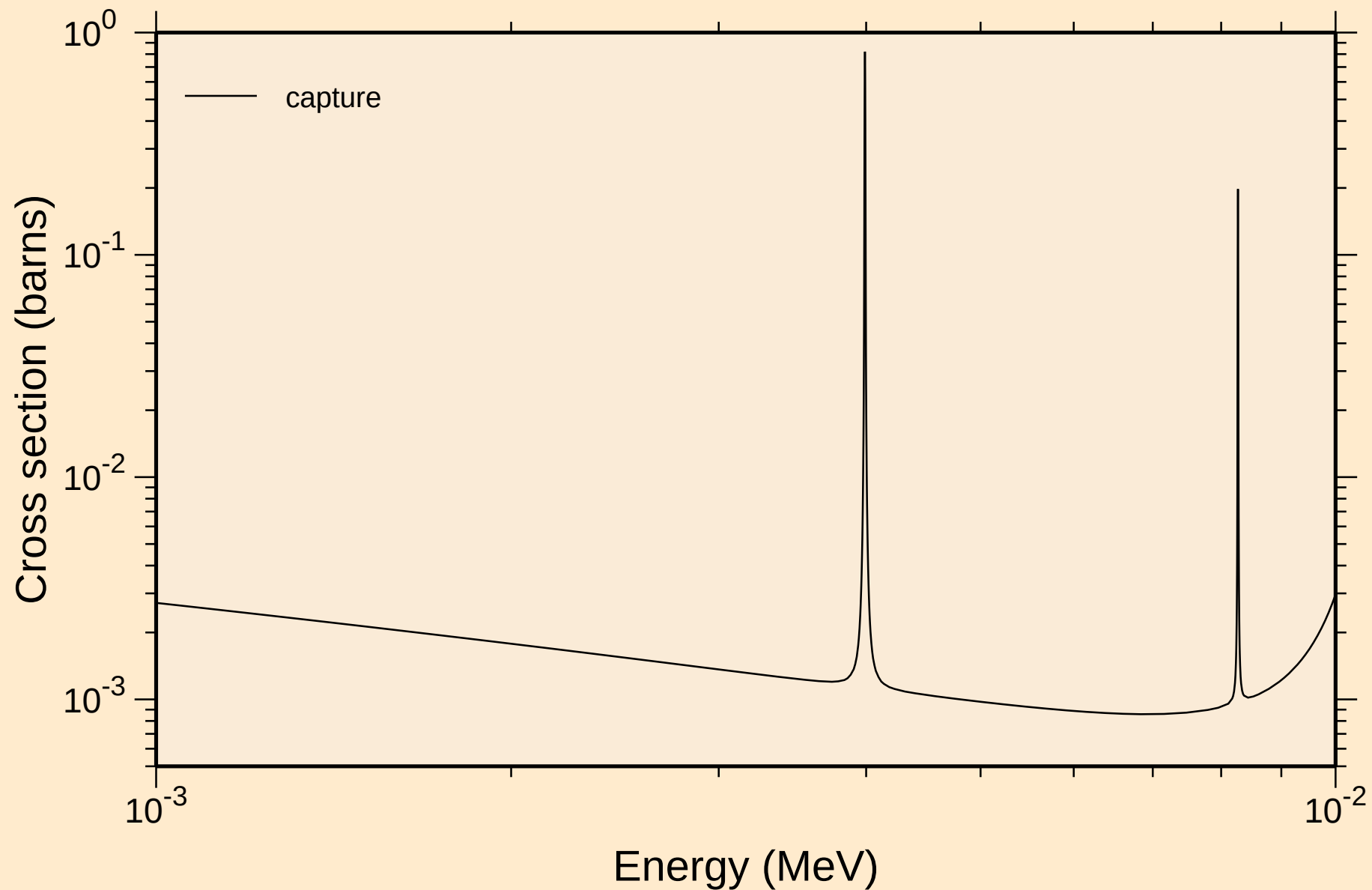
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



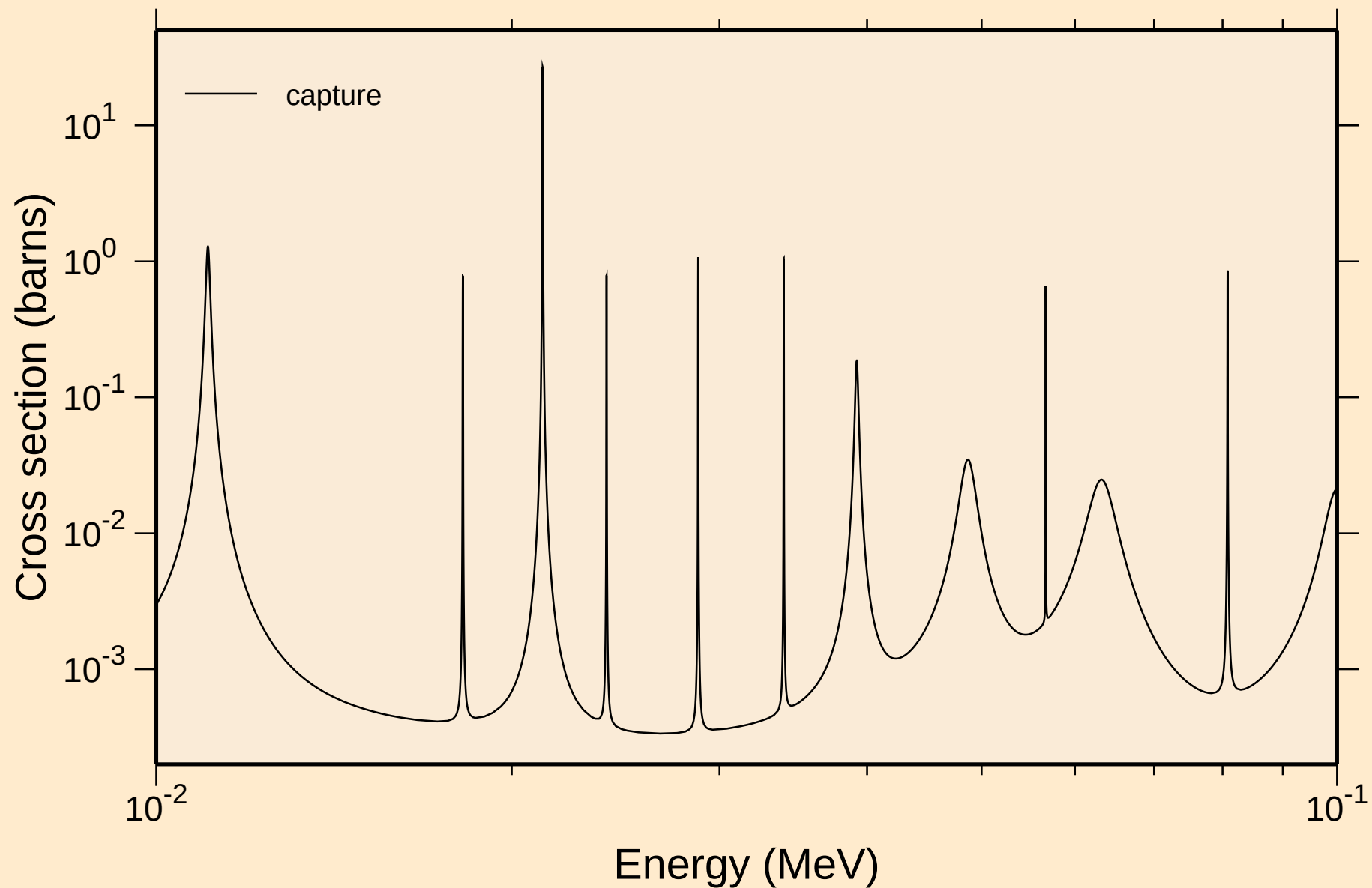
Ti046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



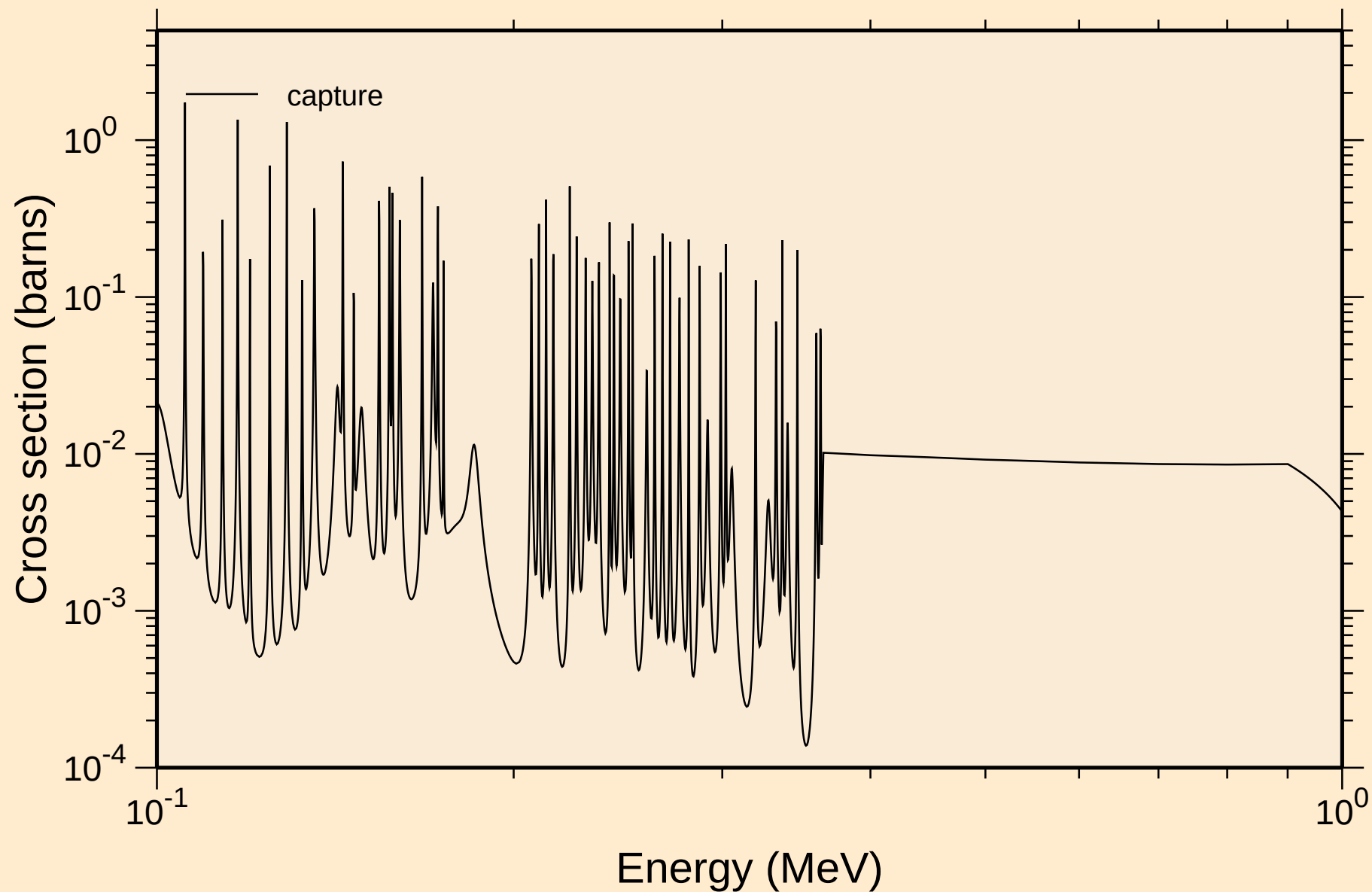
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

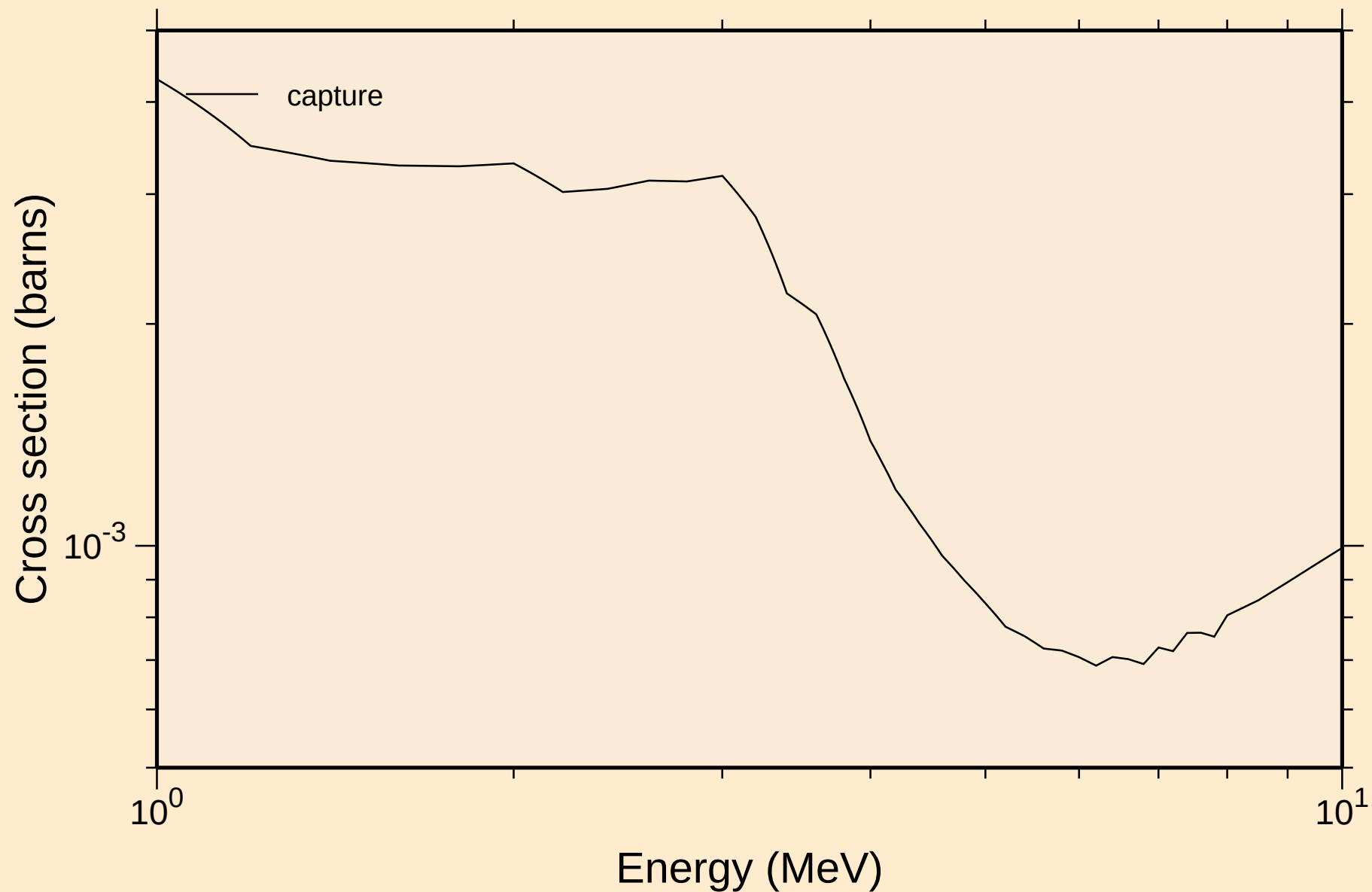


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



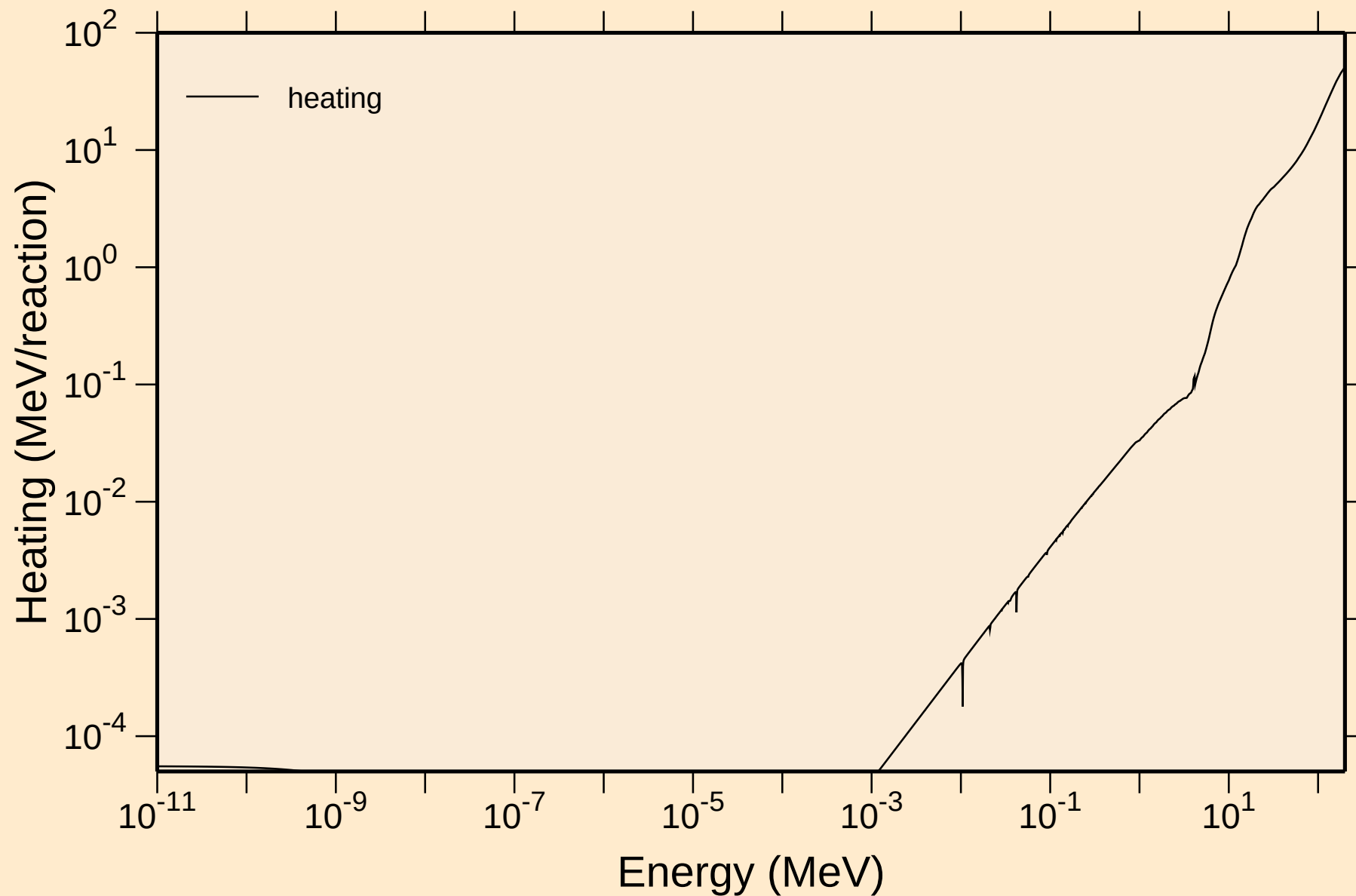


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

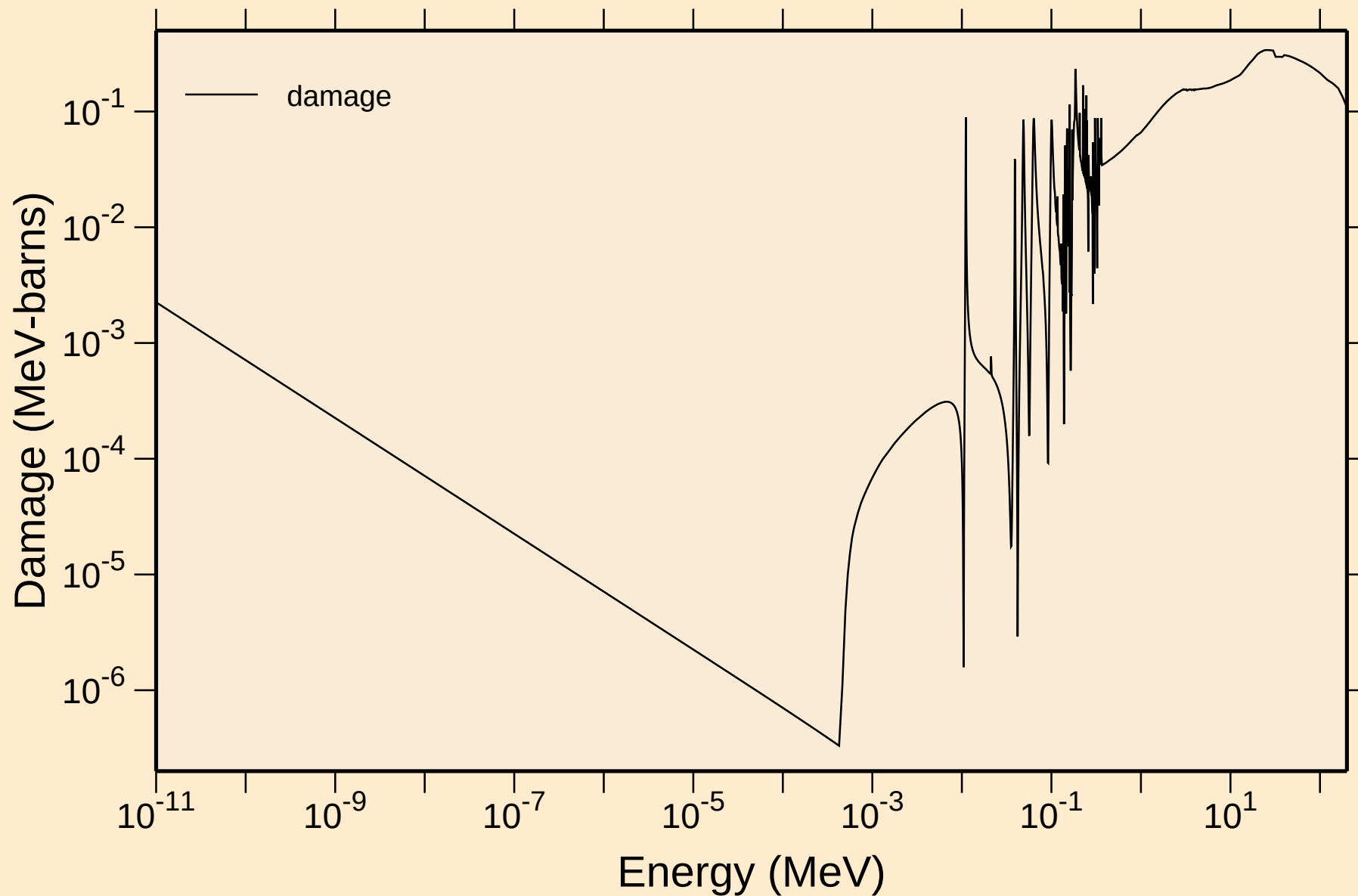


# TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

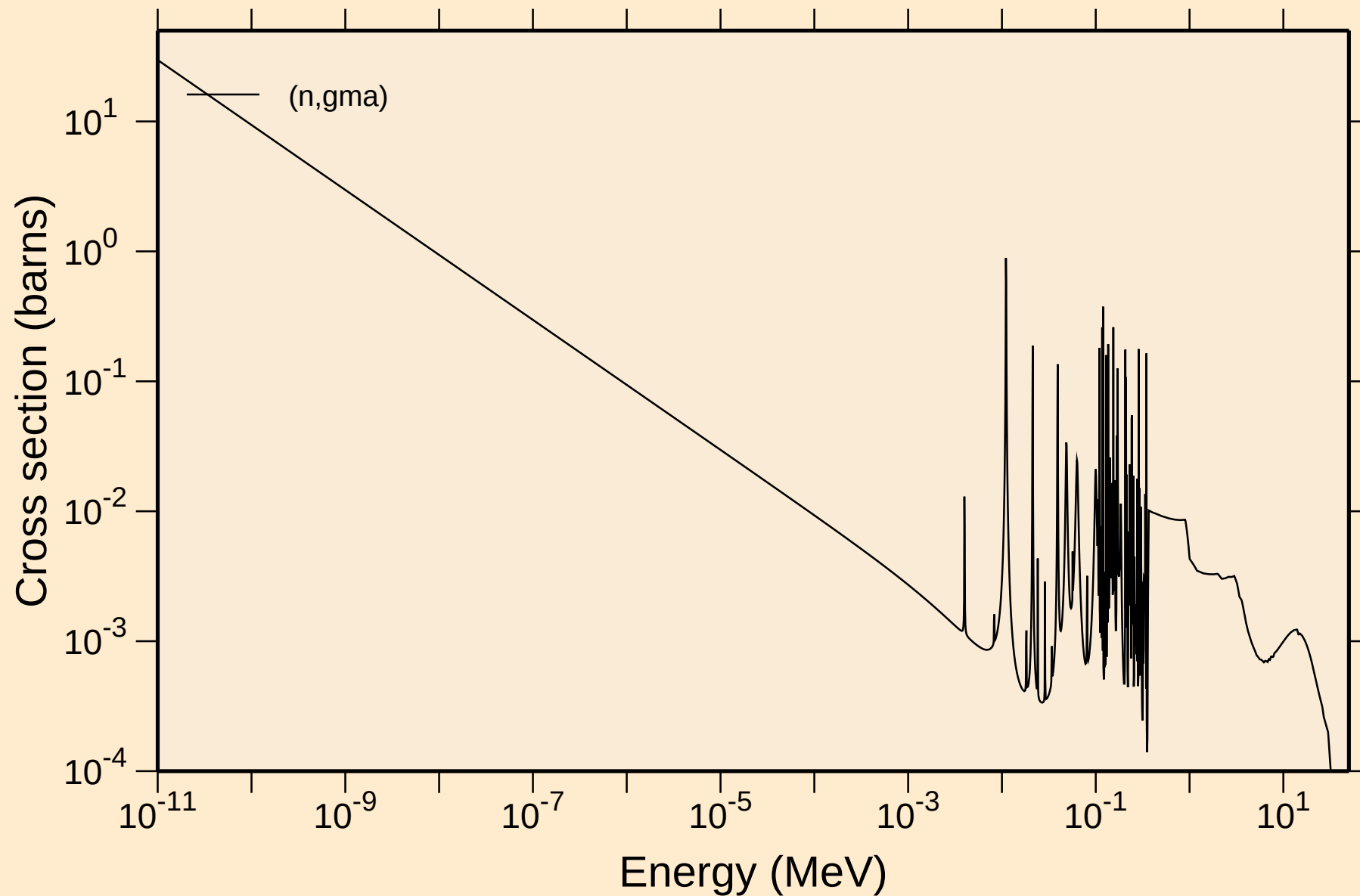
## Heating



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

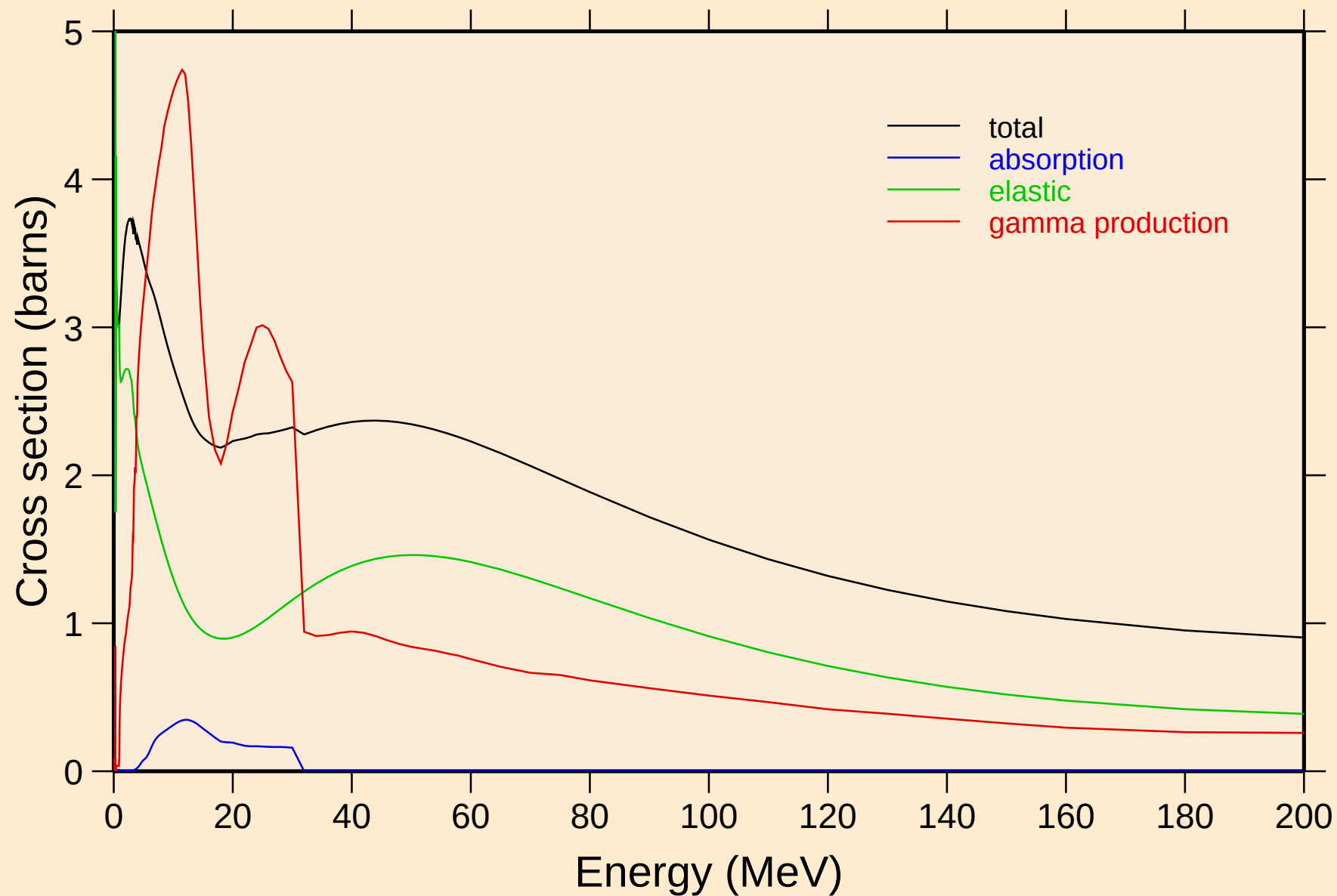


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



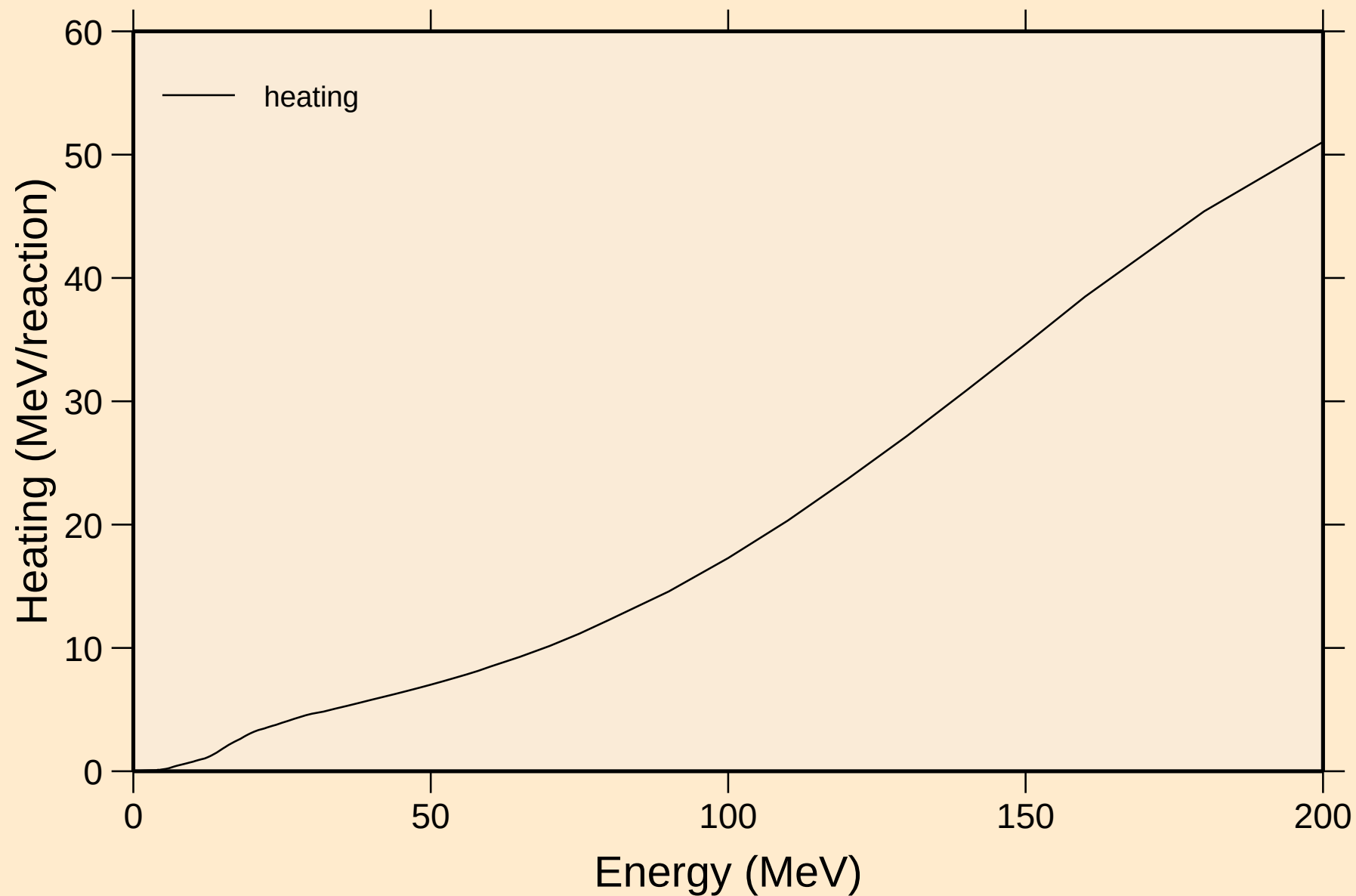
# TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



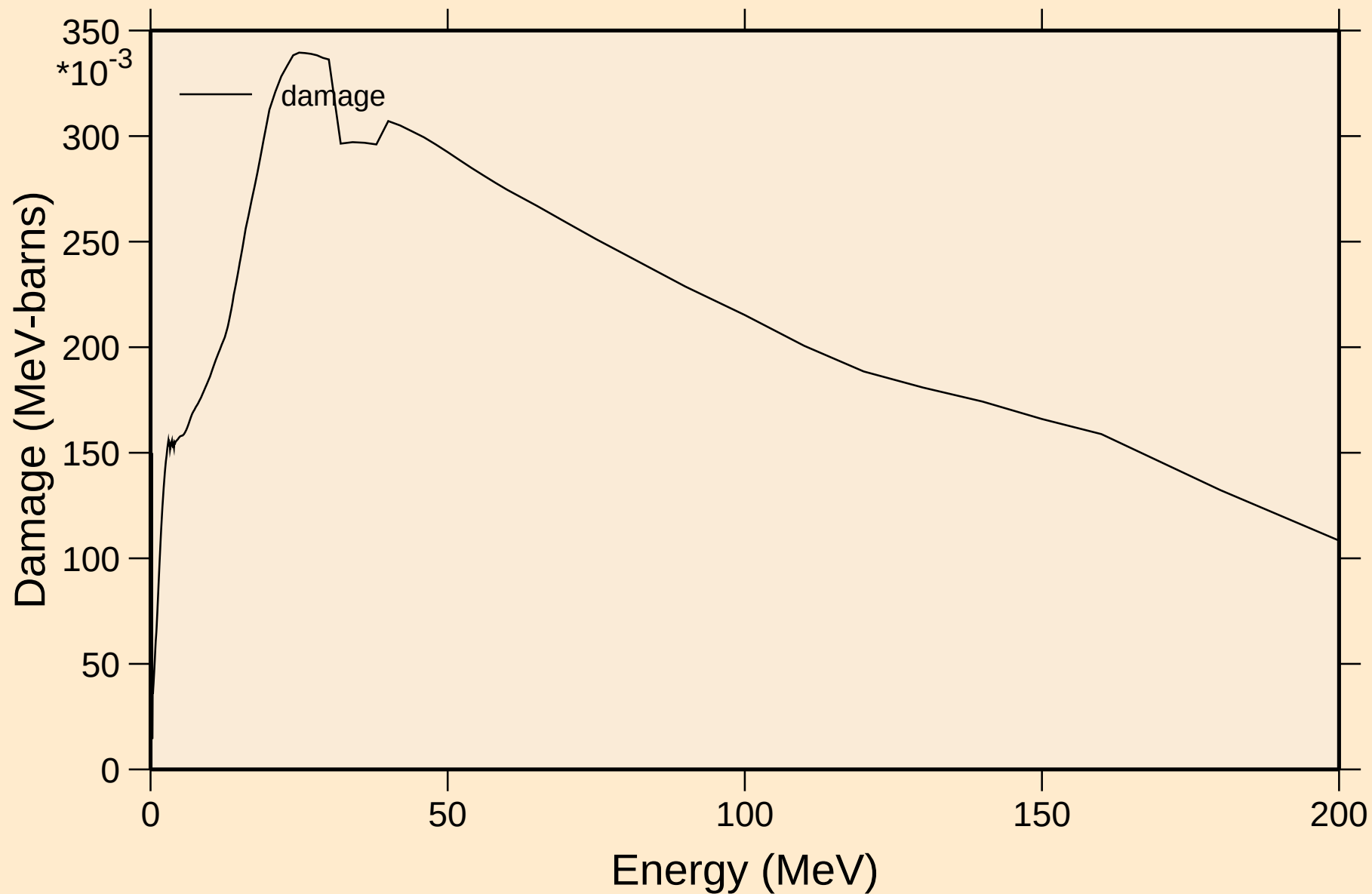
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

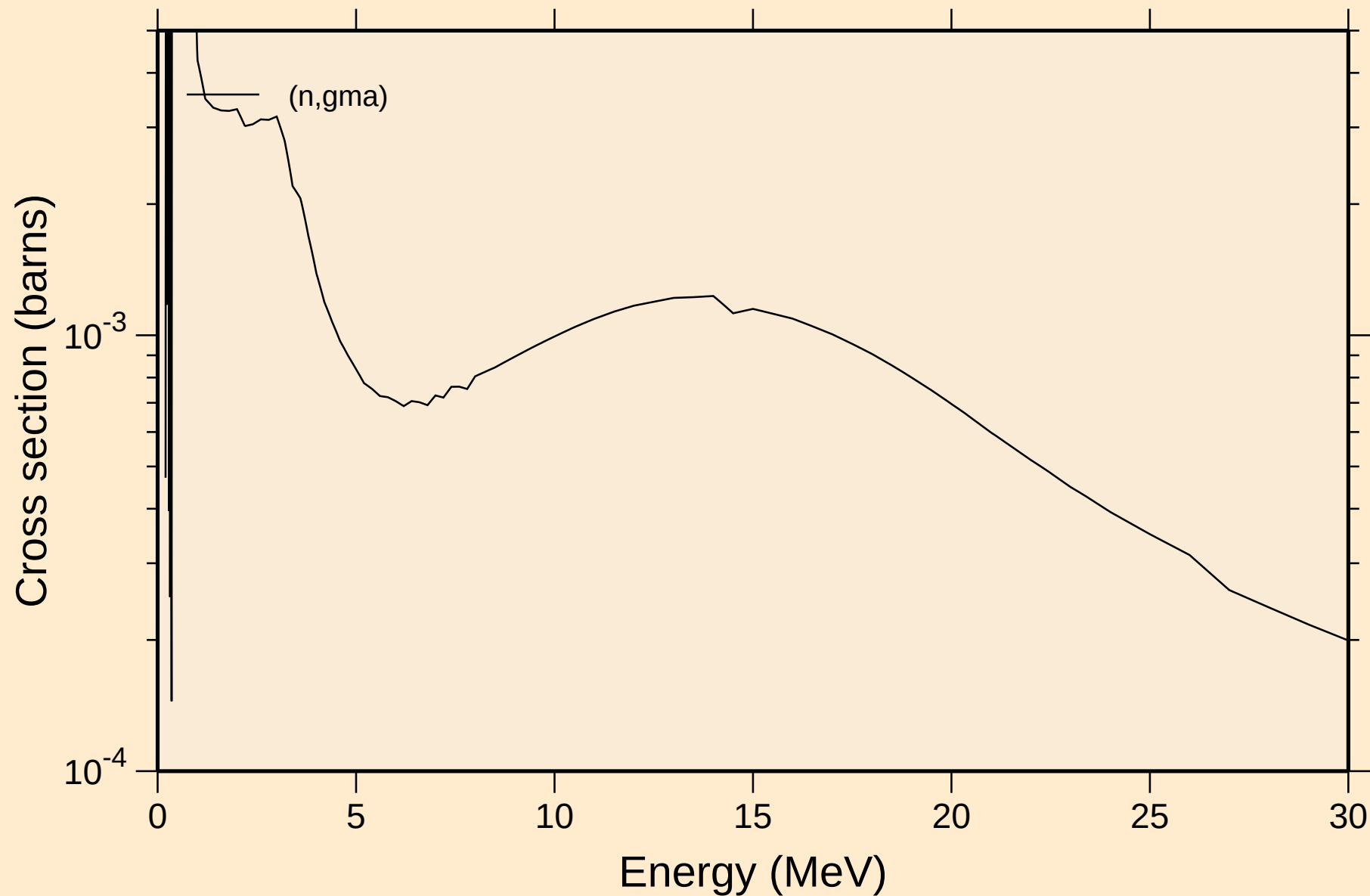


# TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

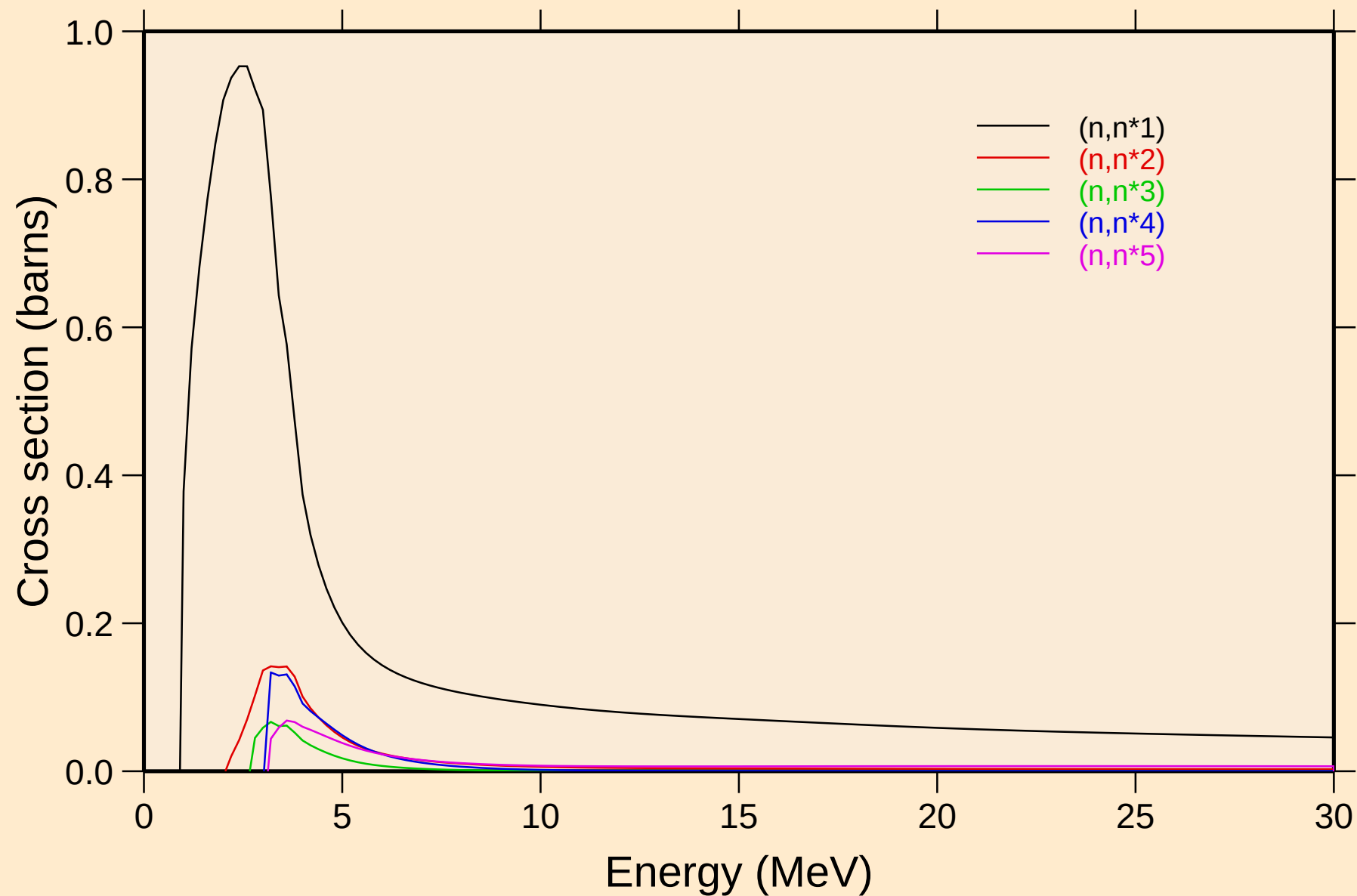


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

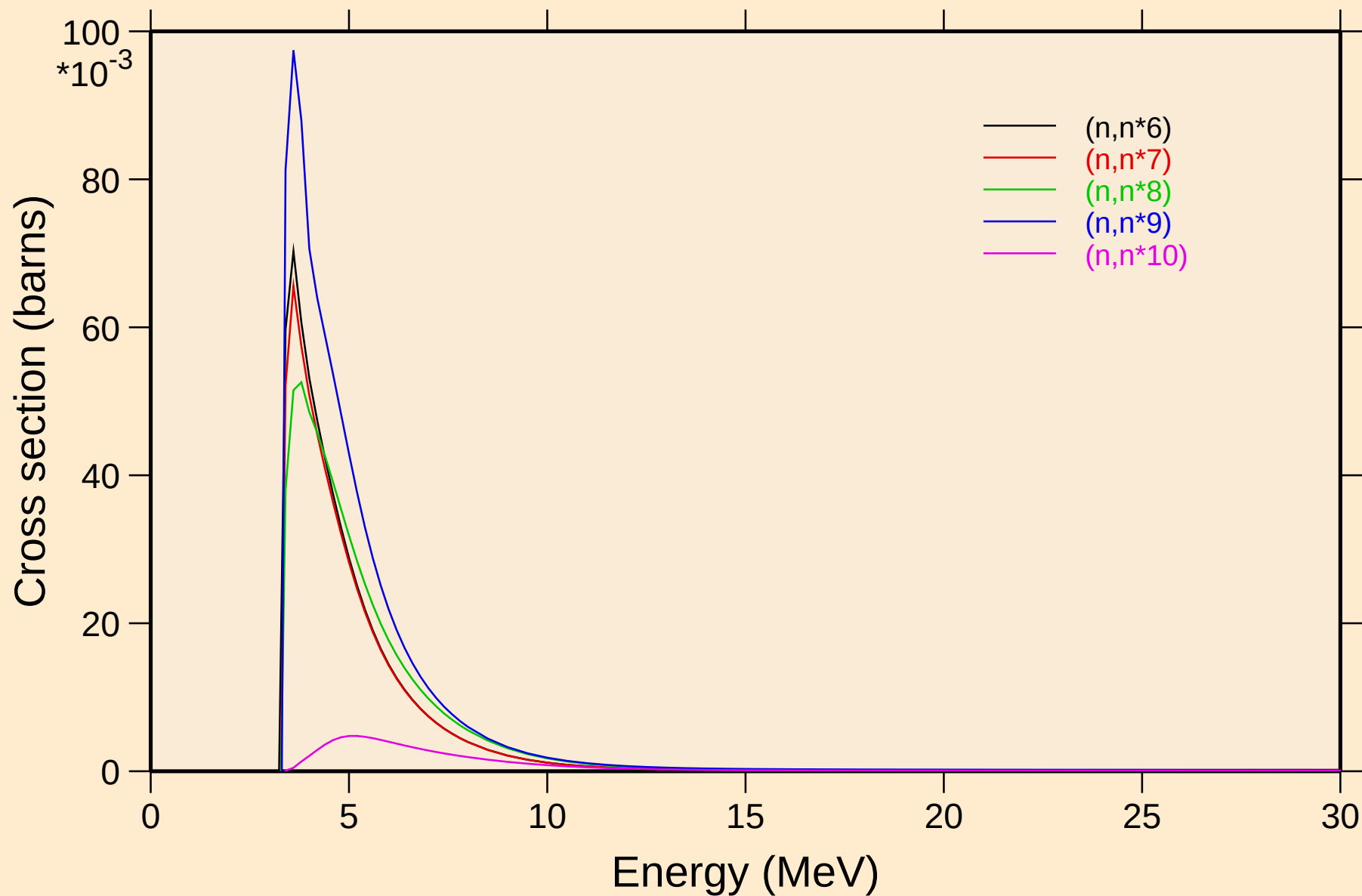




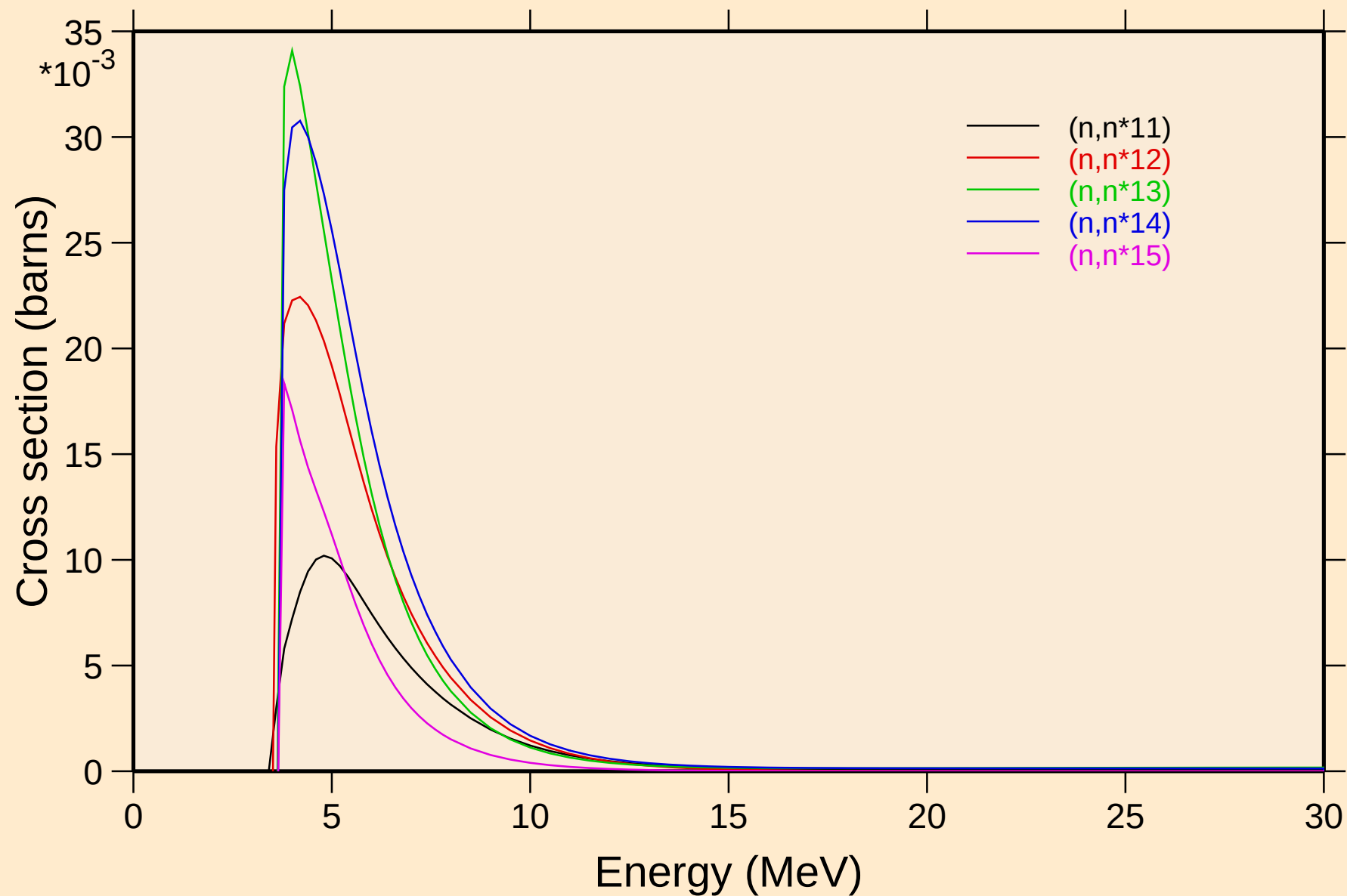
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



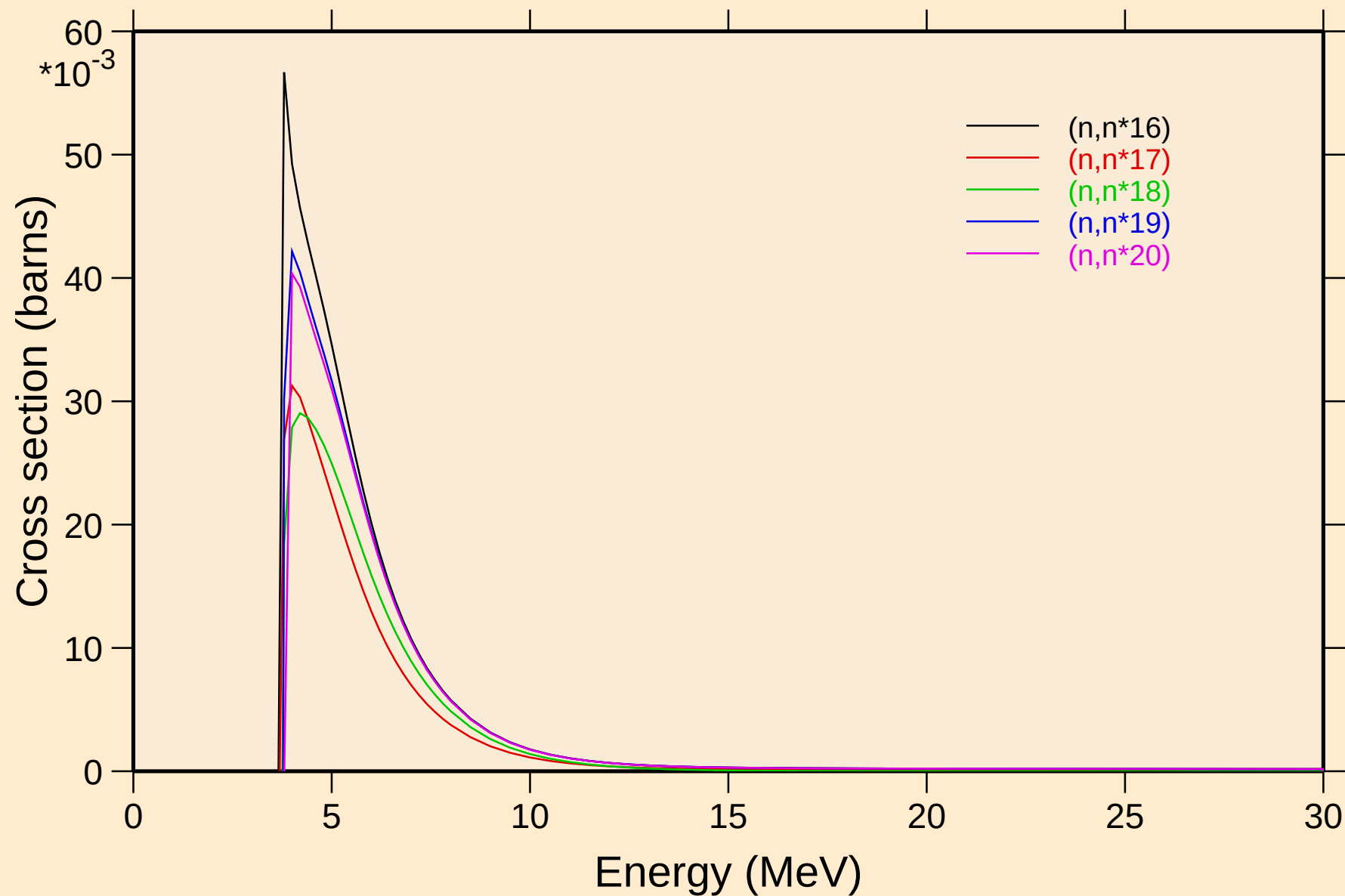
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



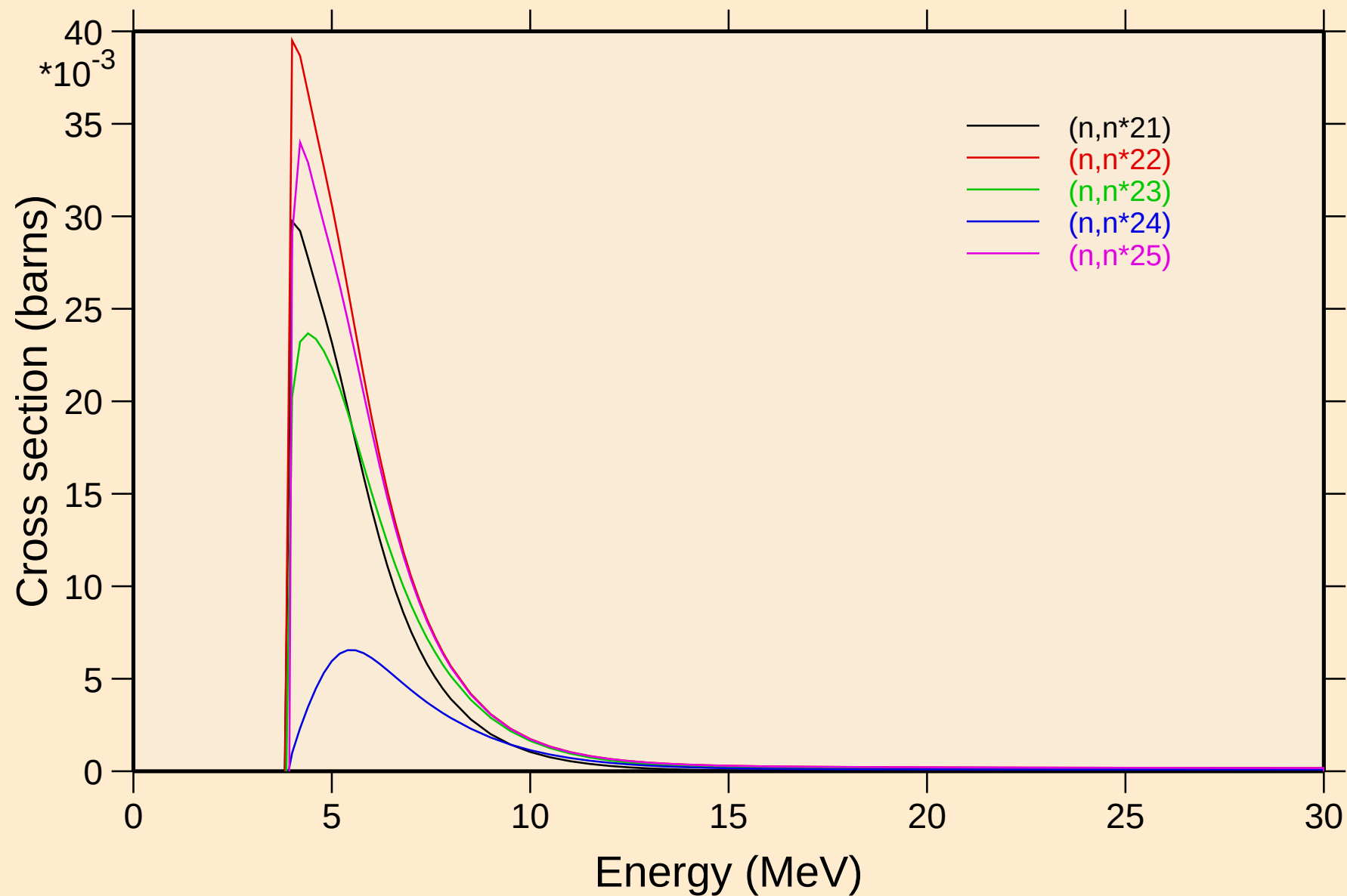
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



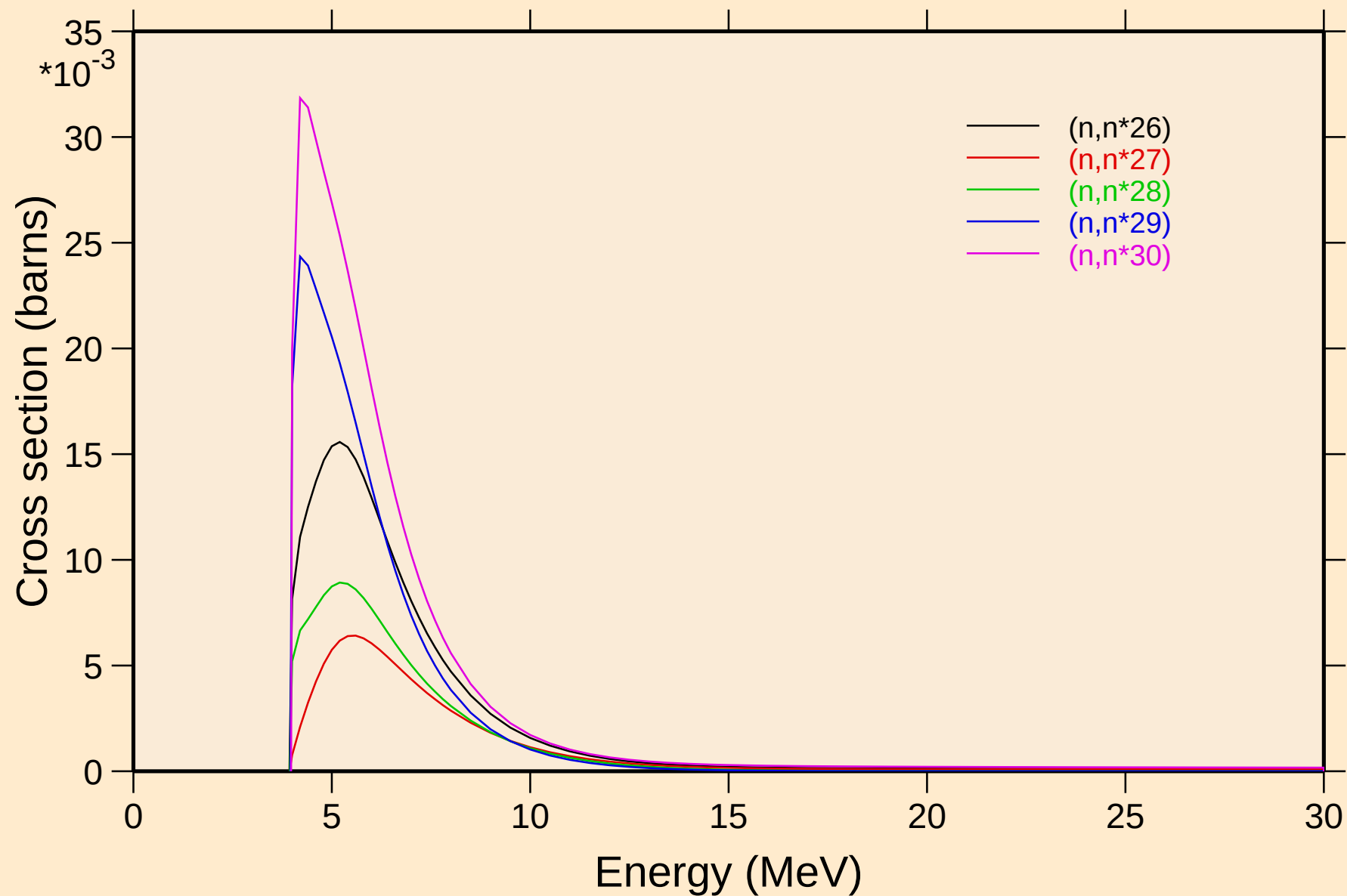
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



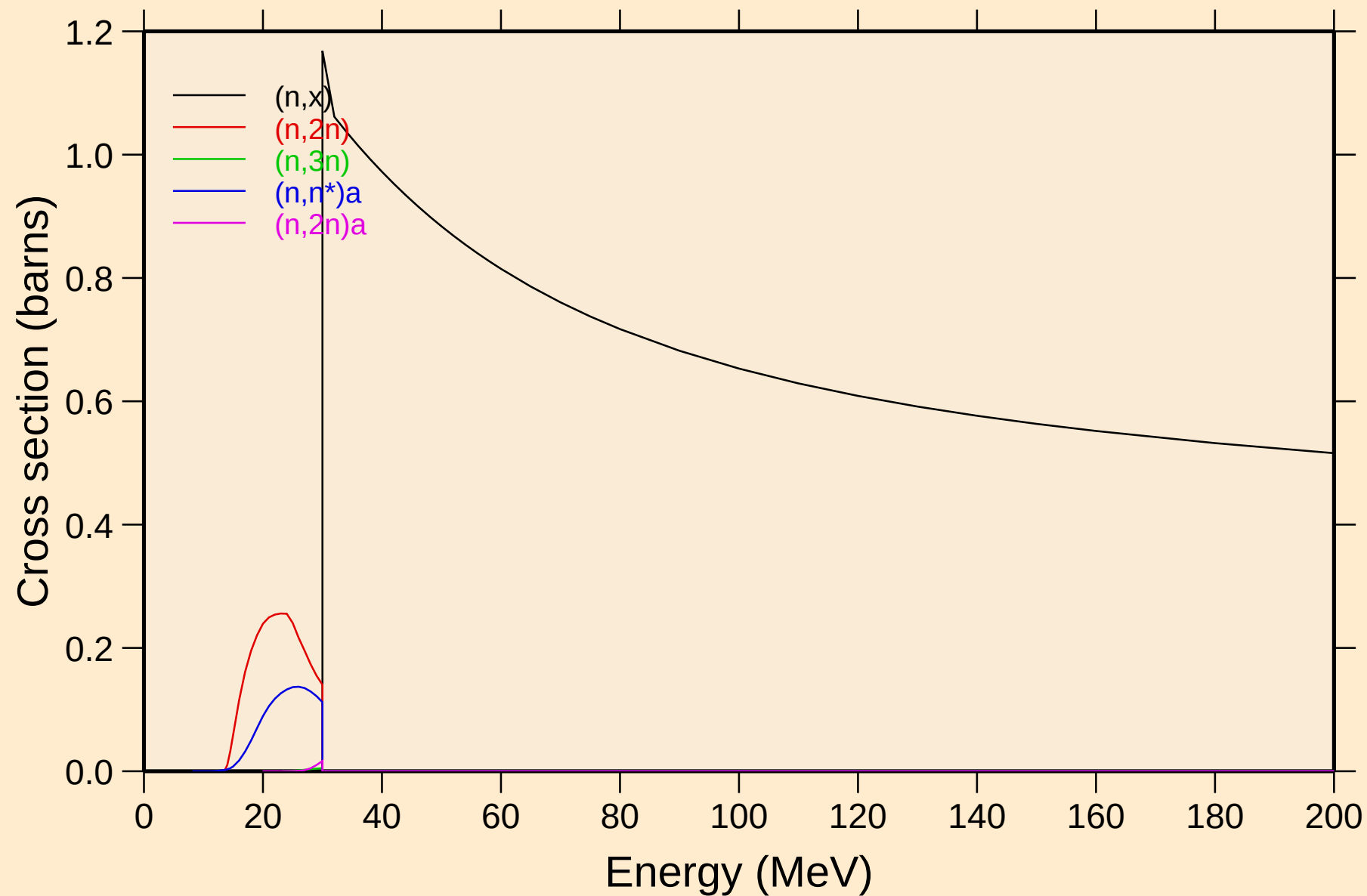
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



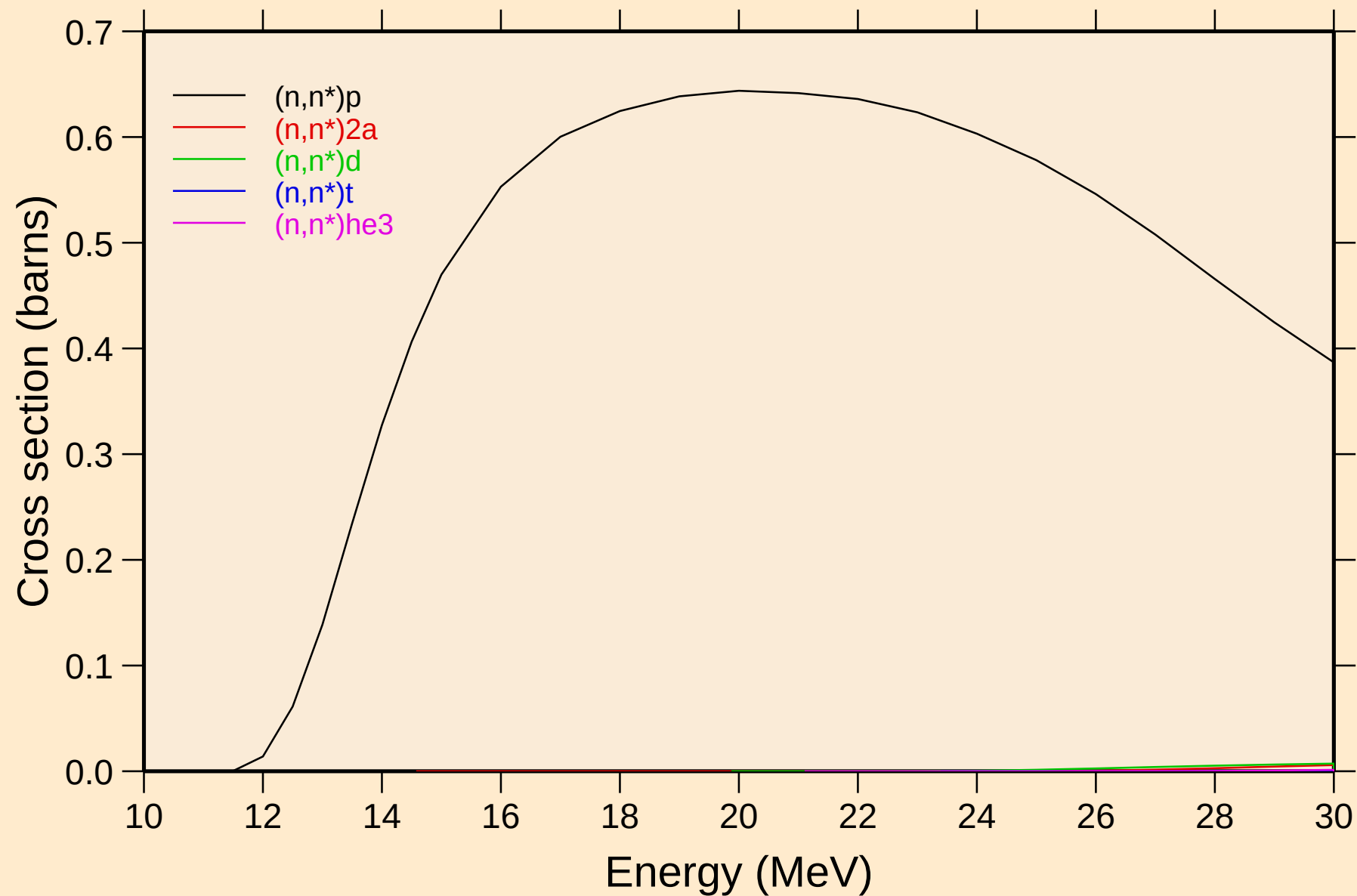
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

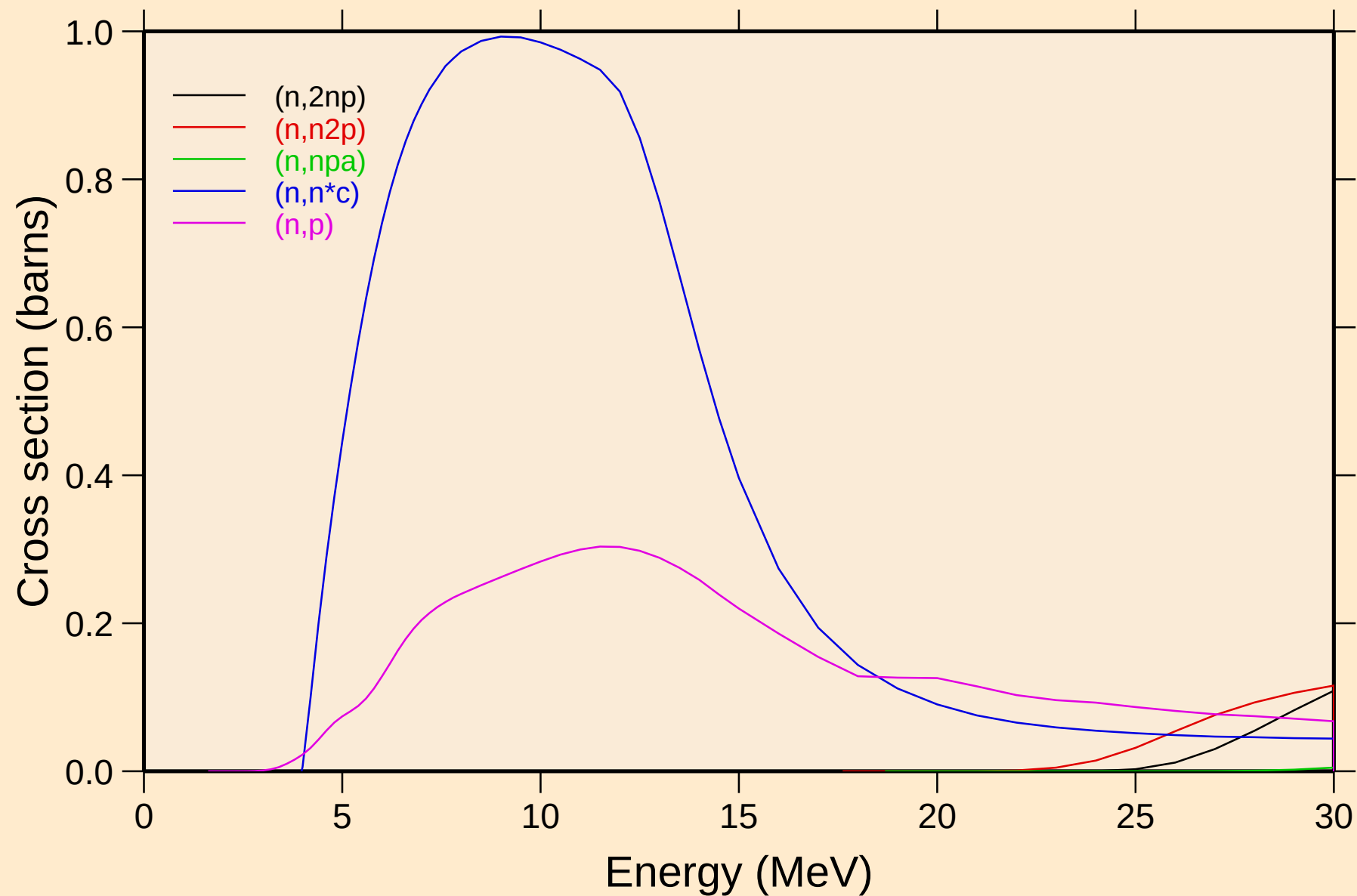


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

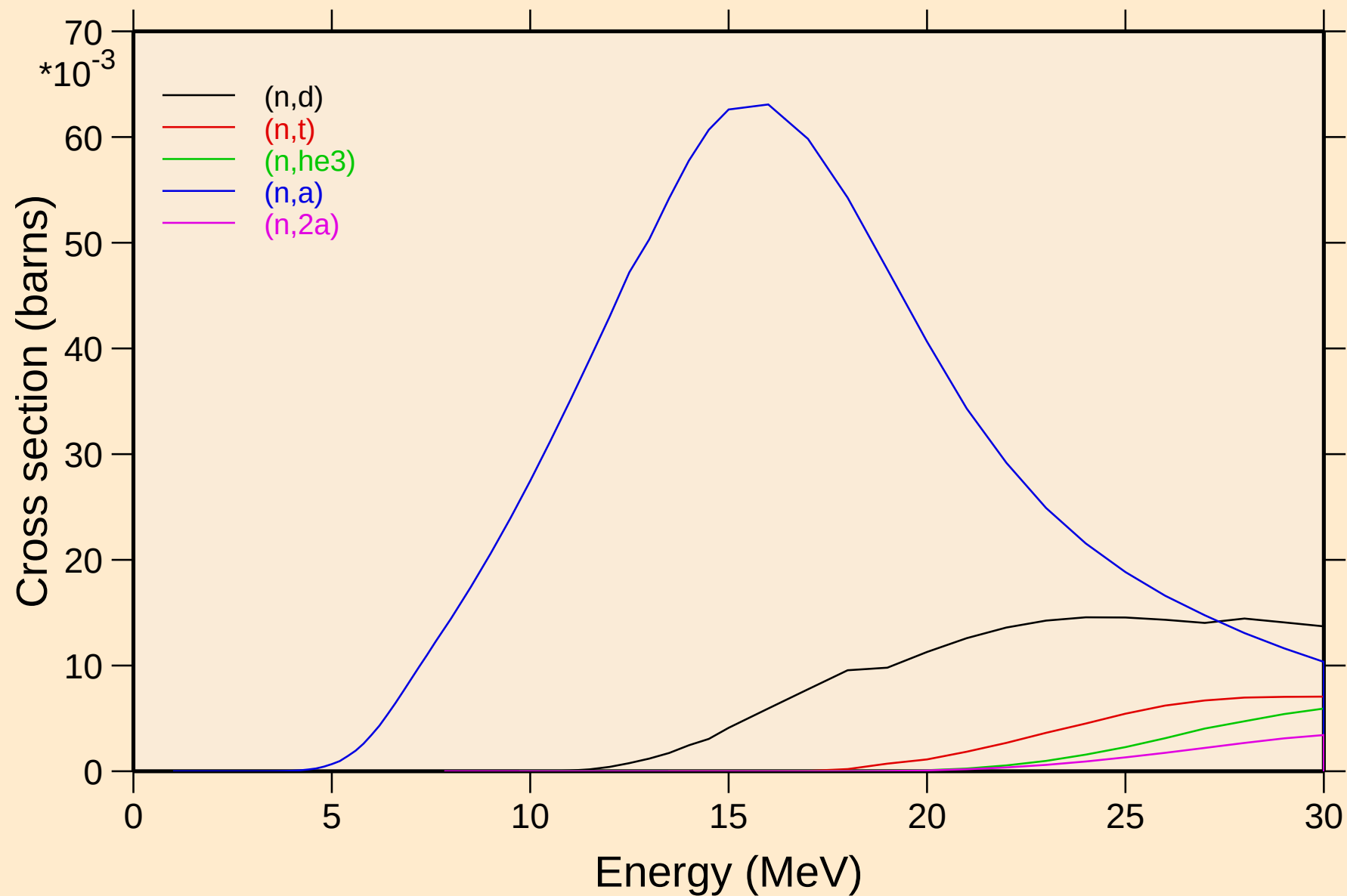




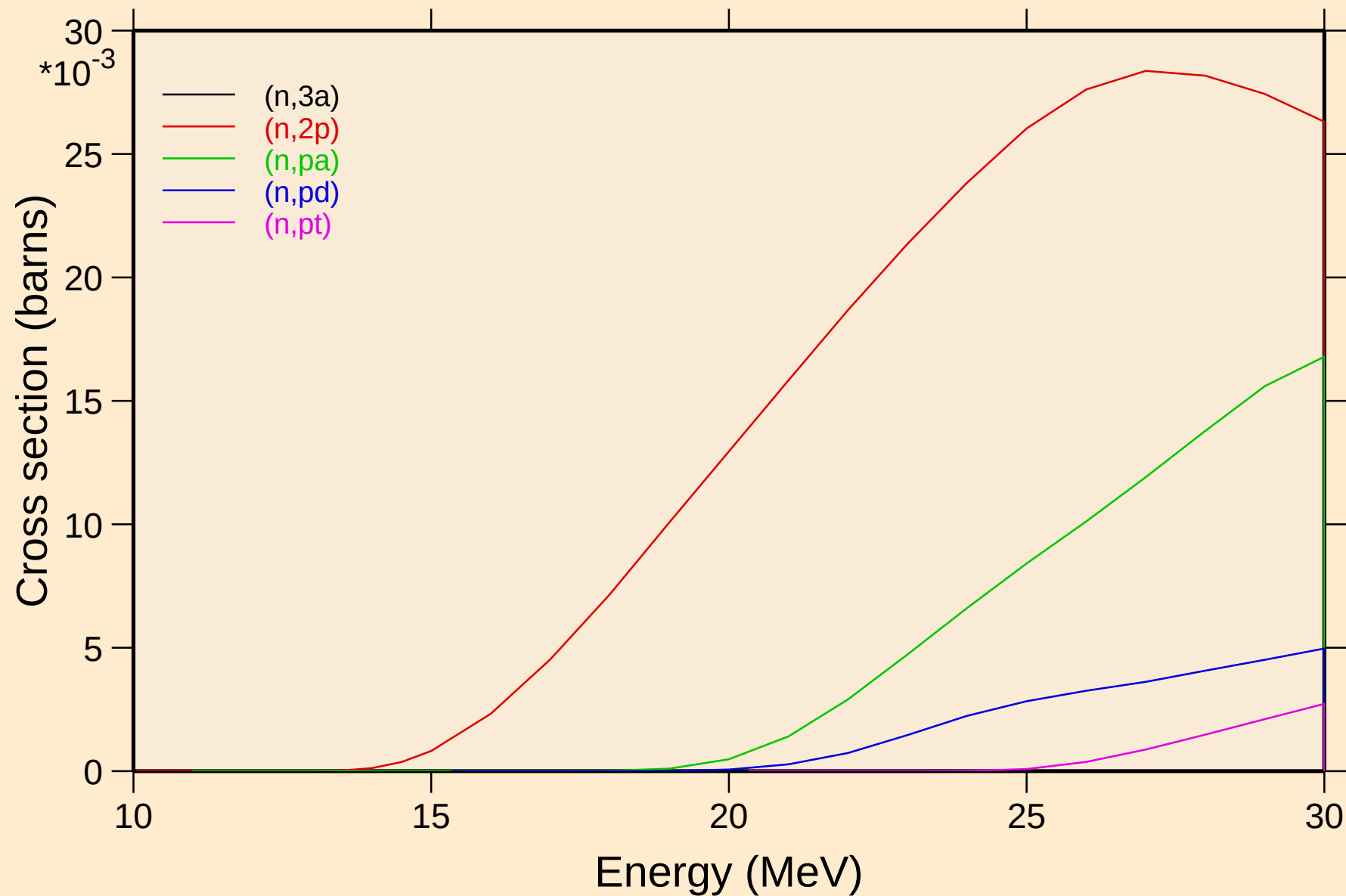
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



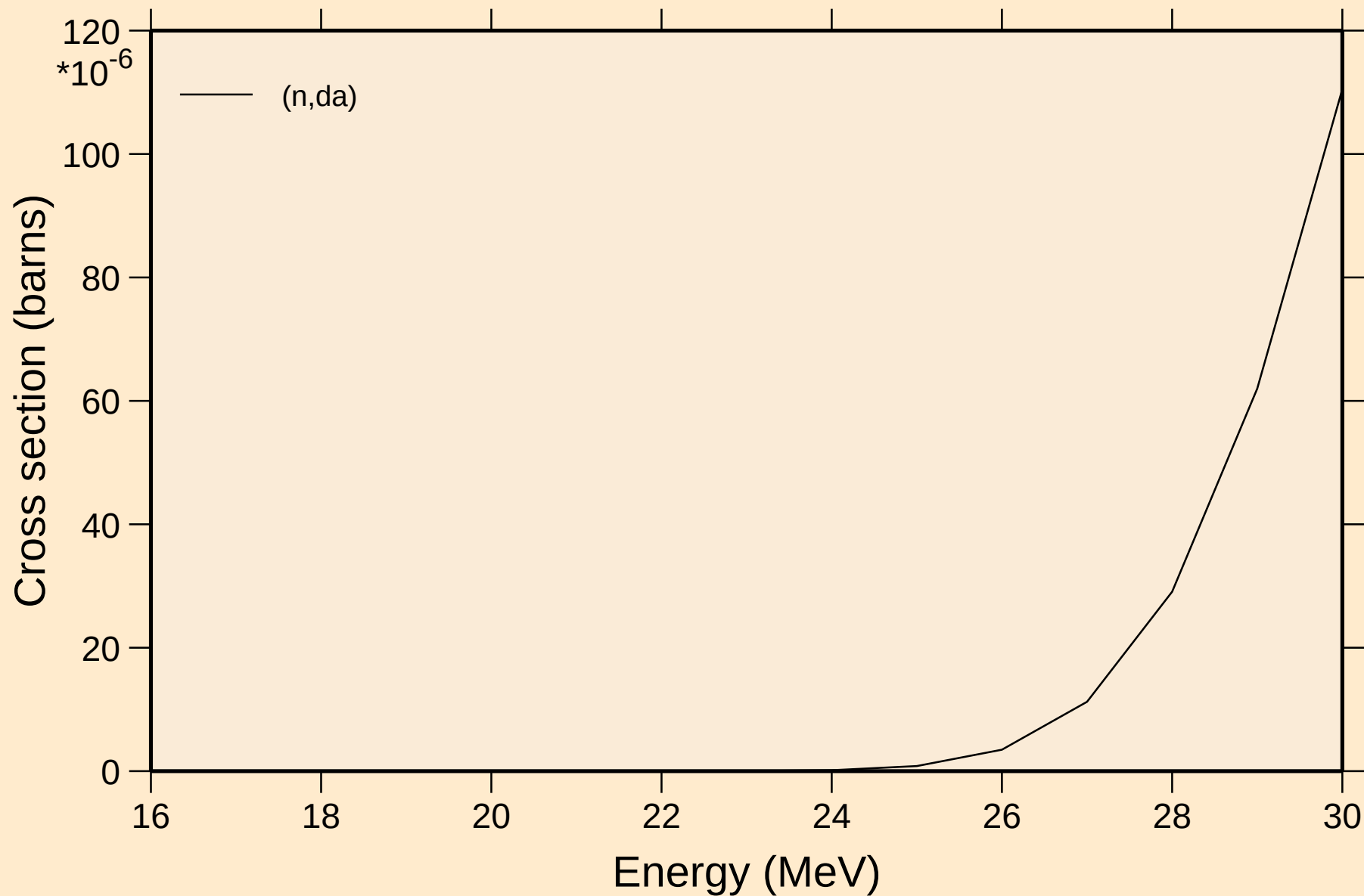
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



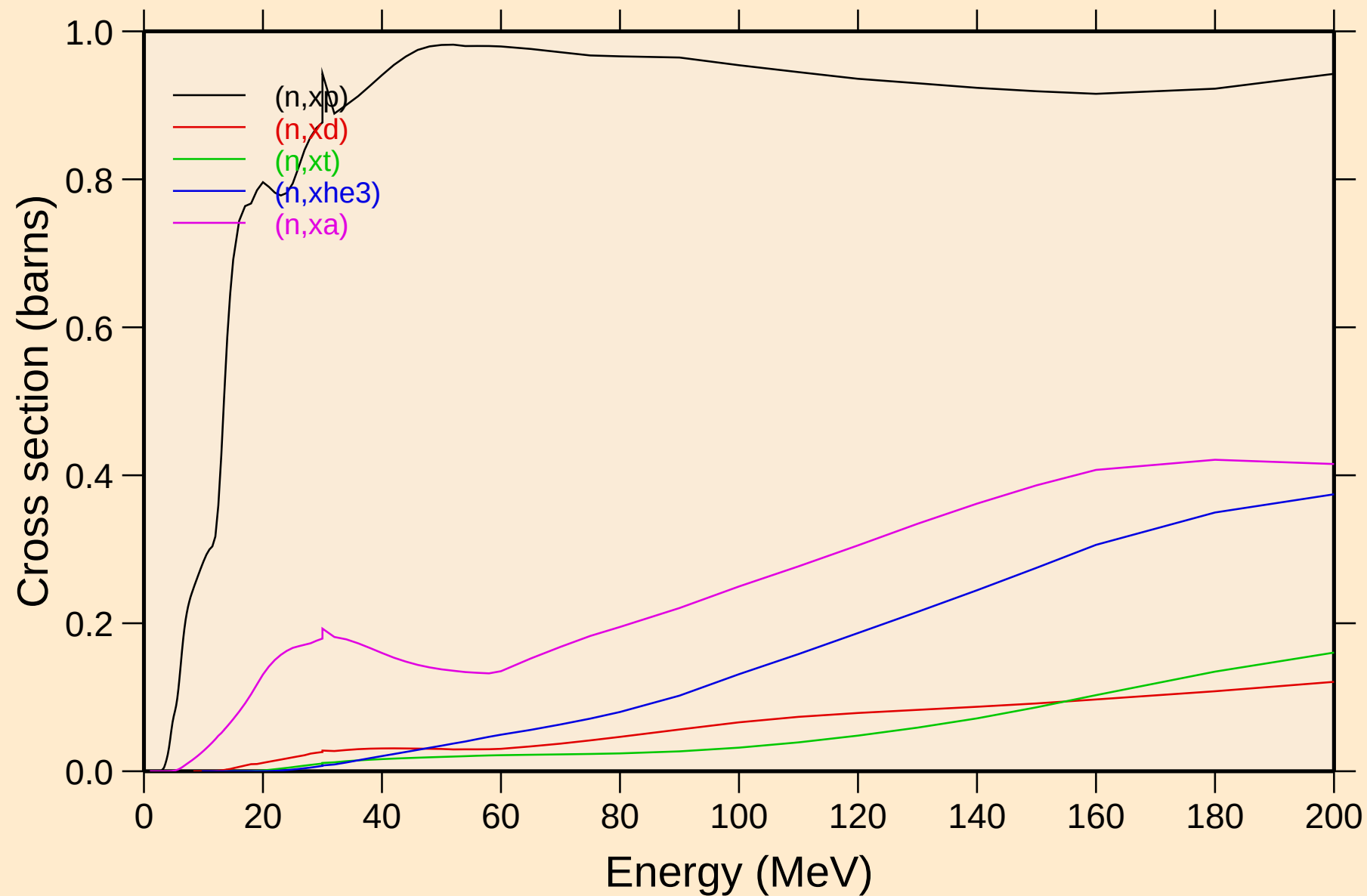
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



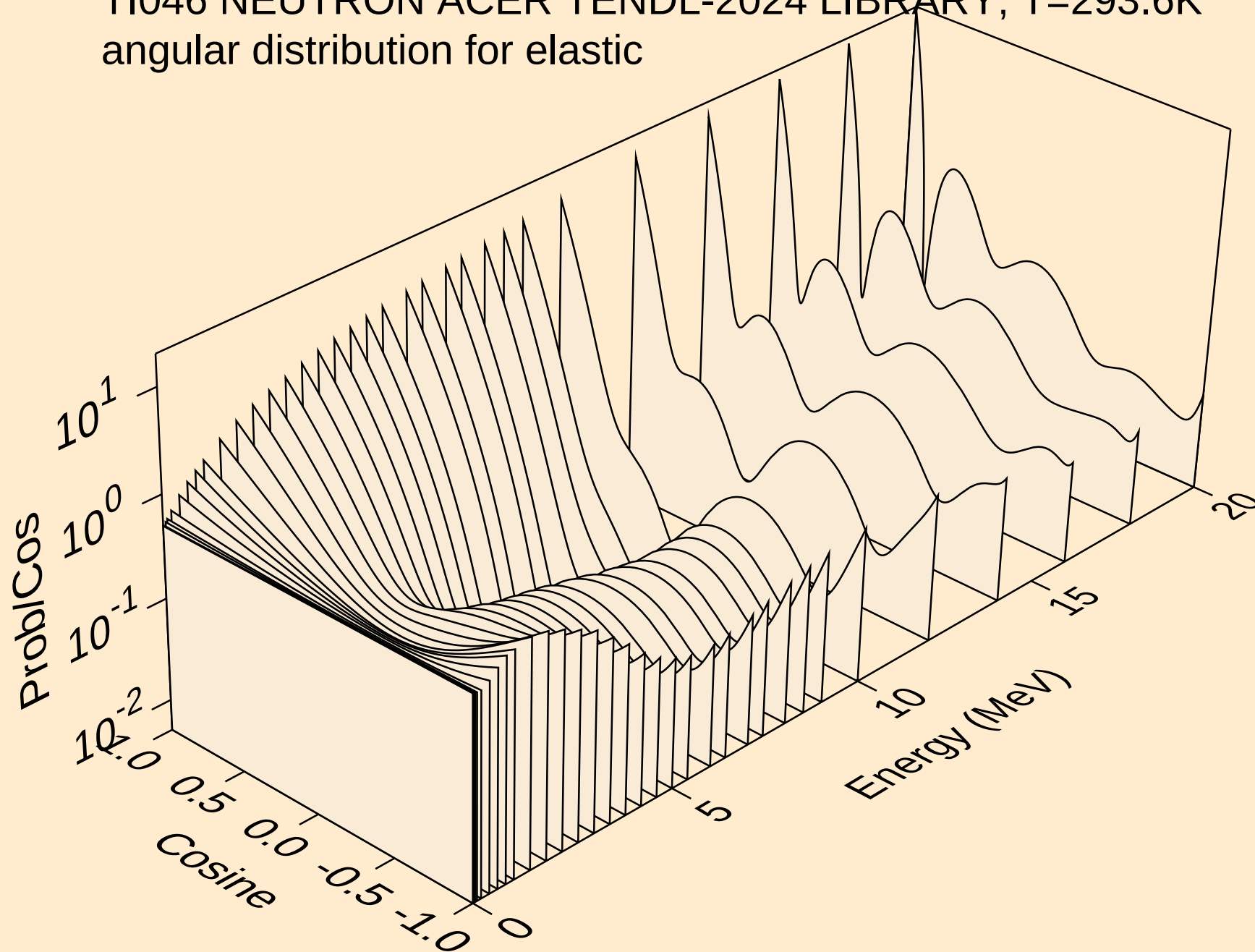
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



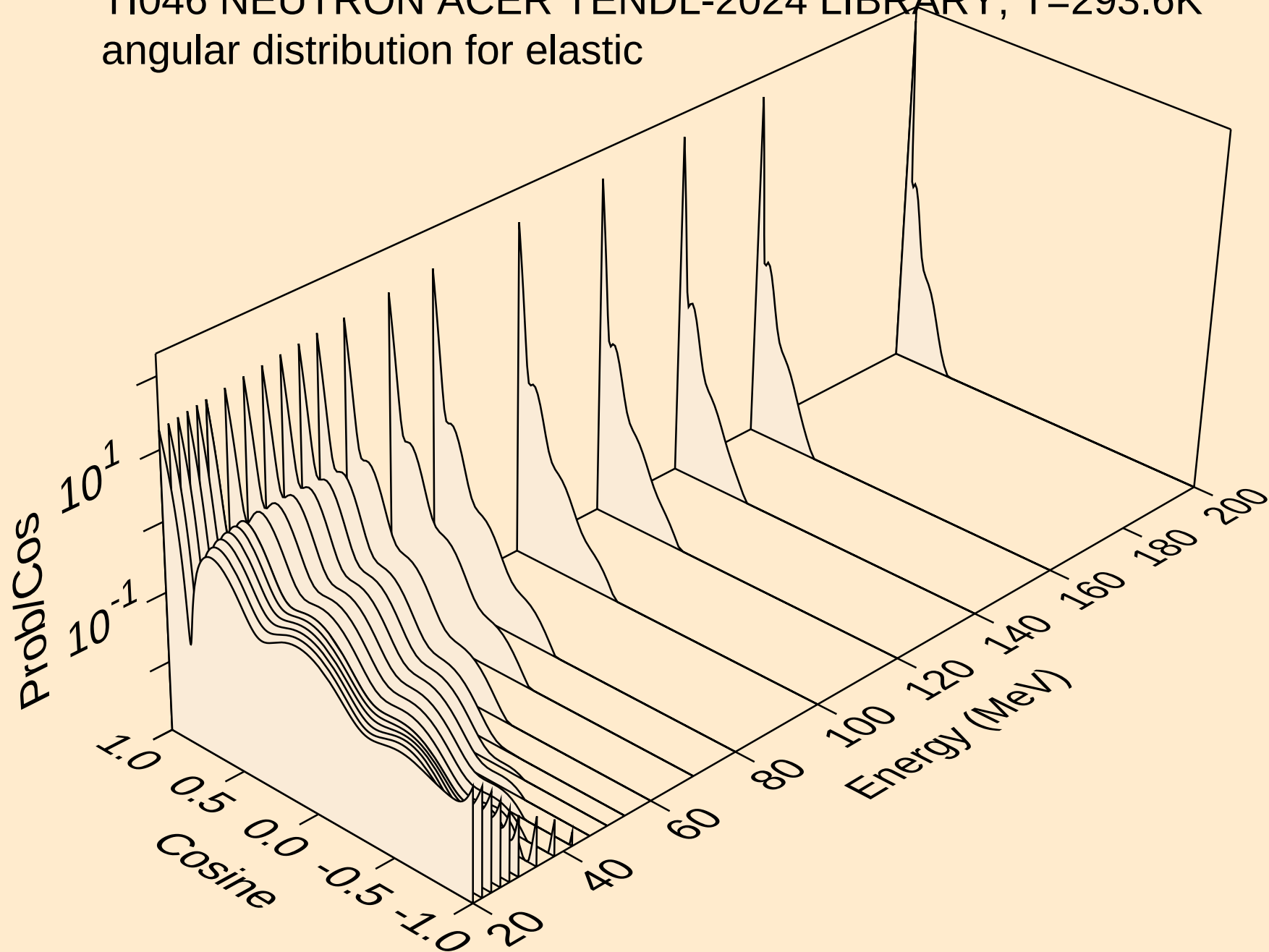
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



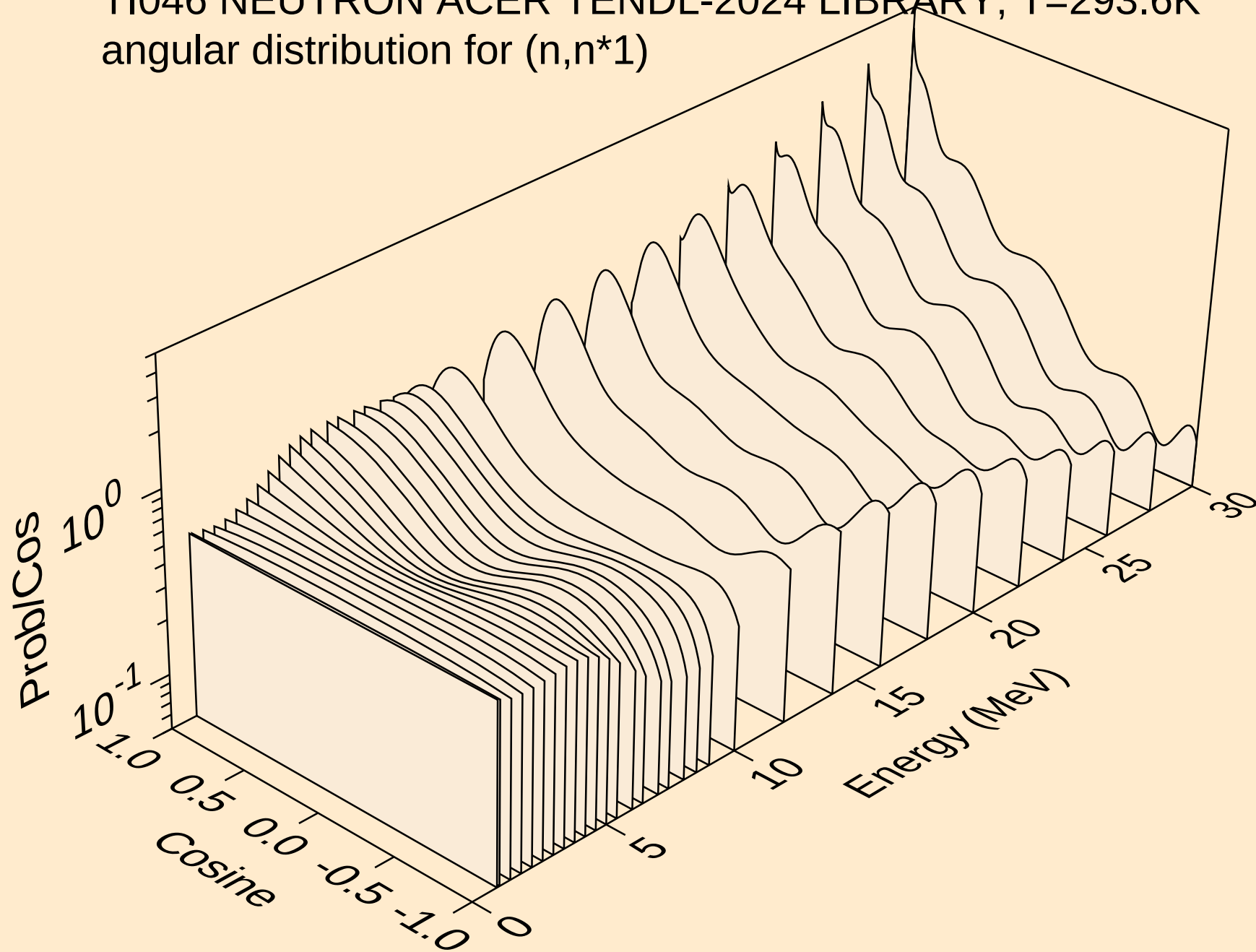
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic

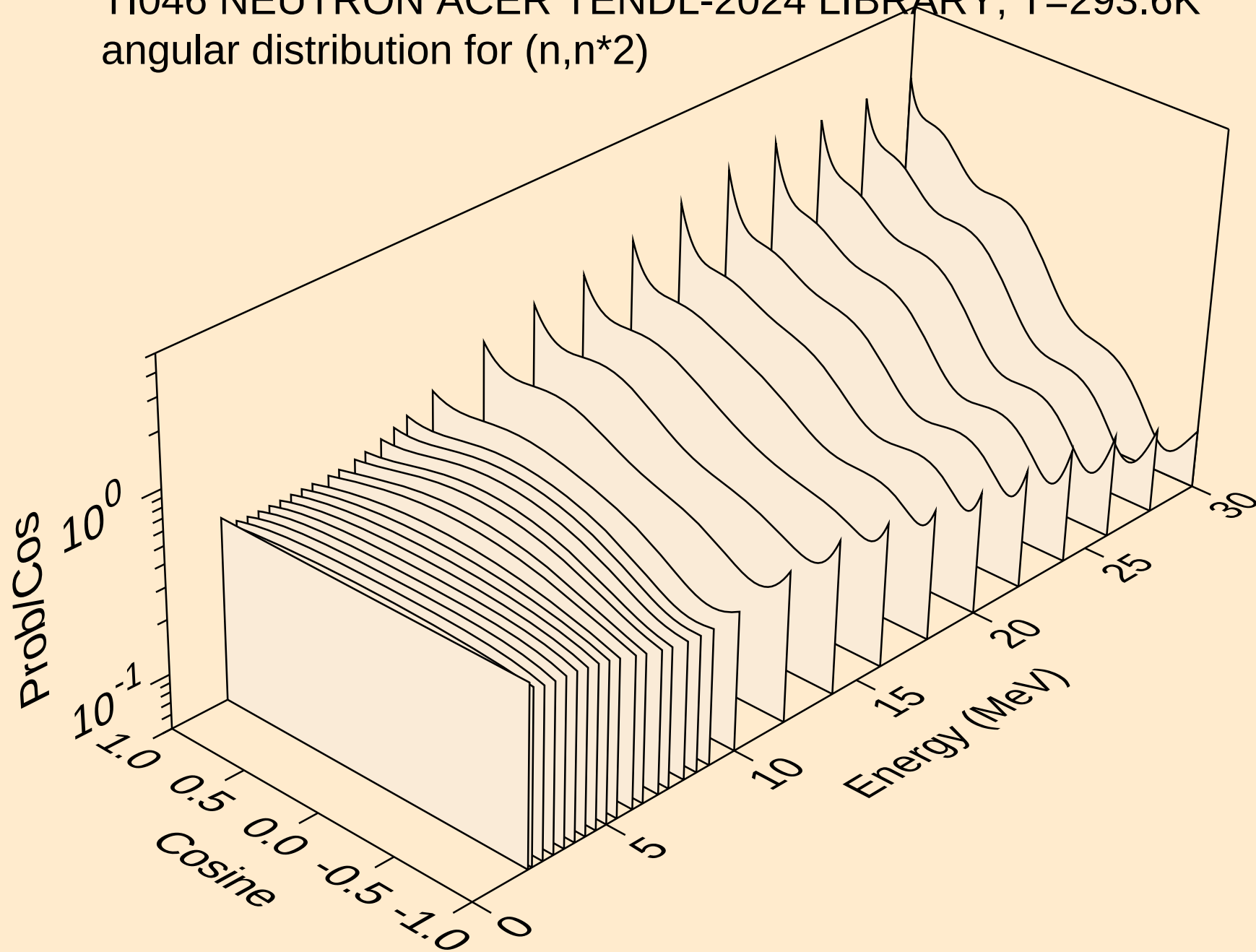


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

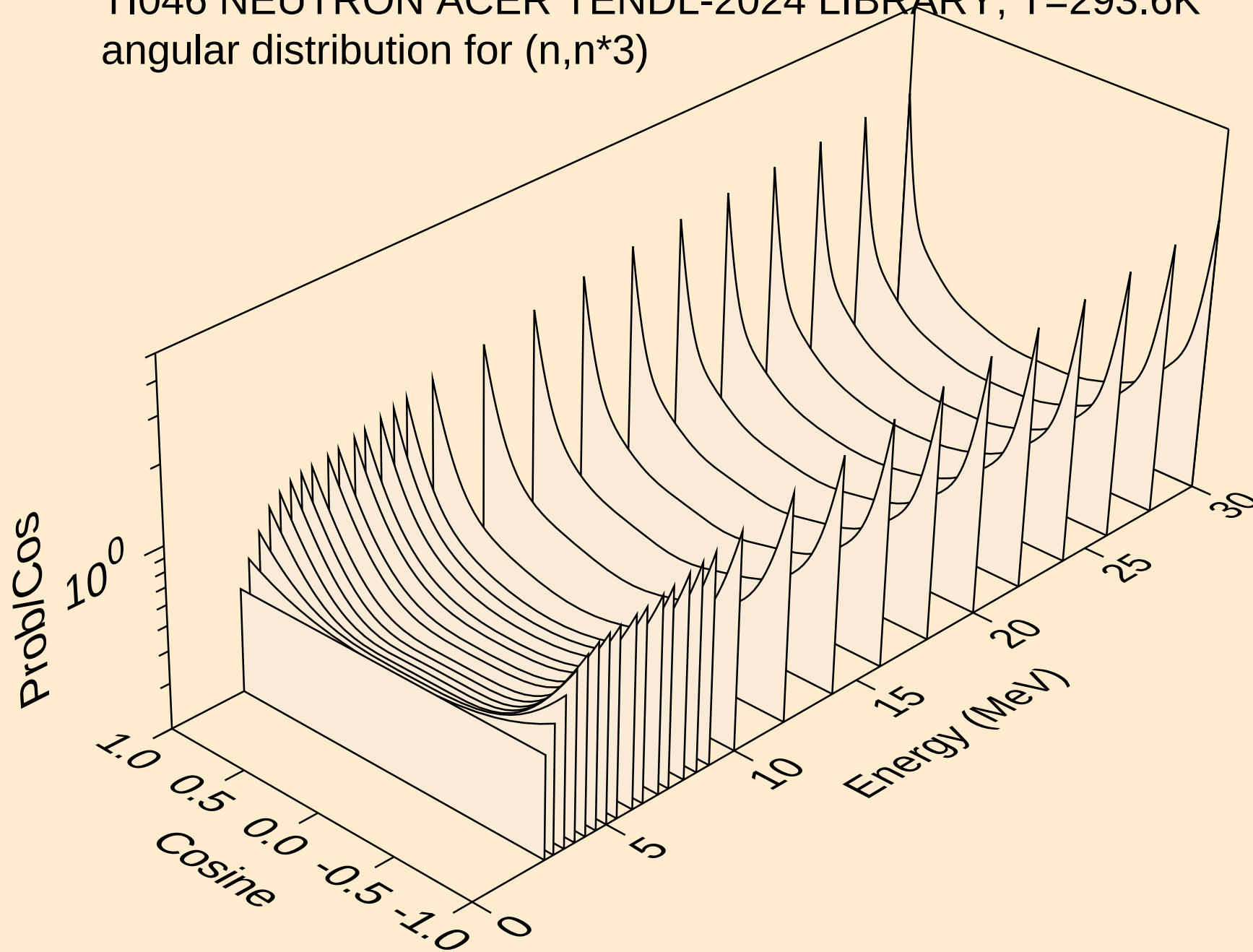




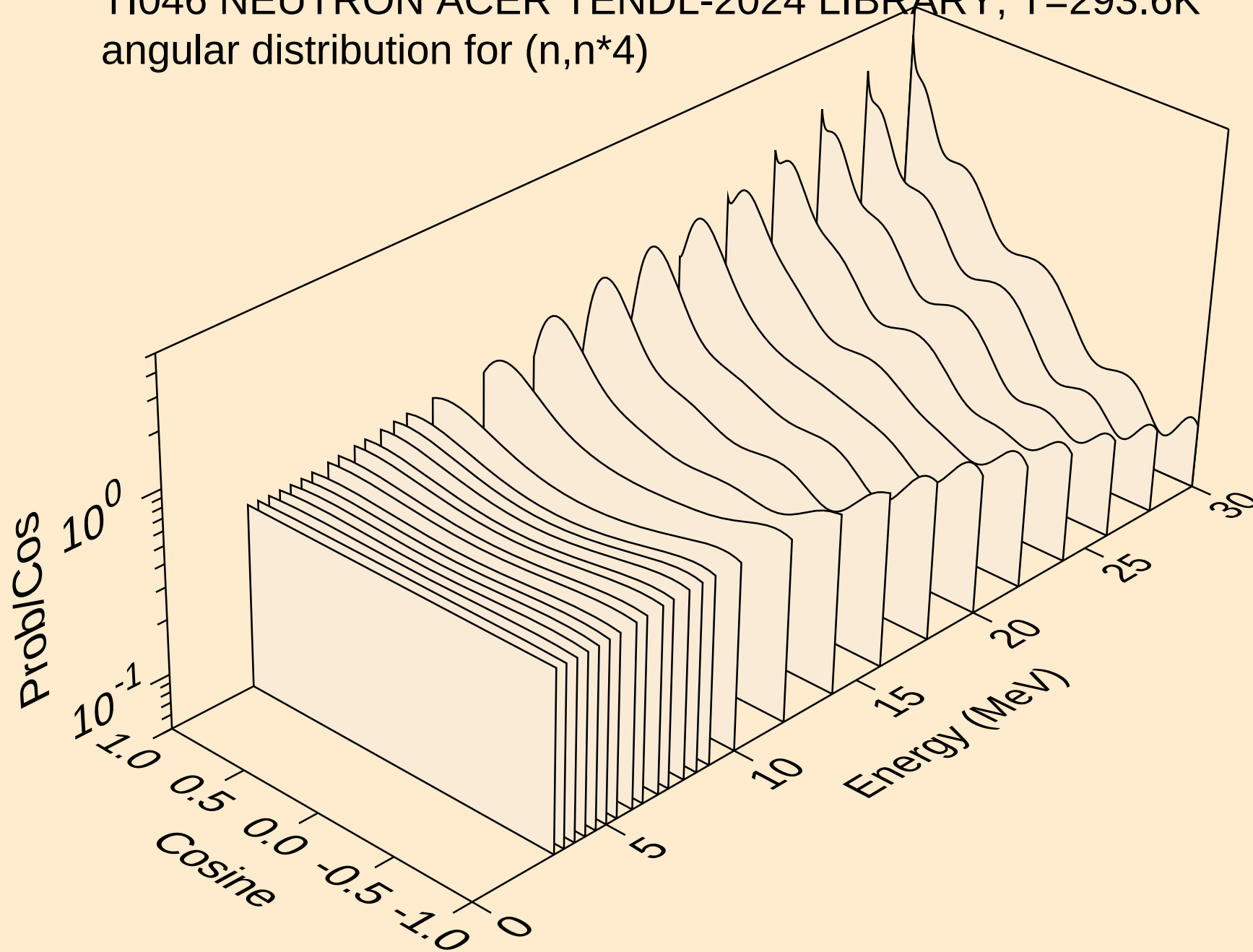
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



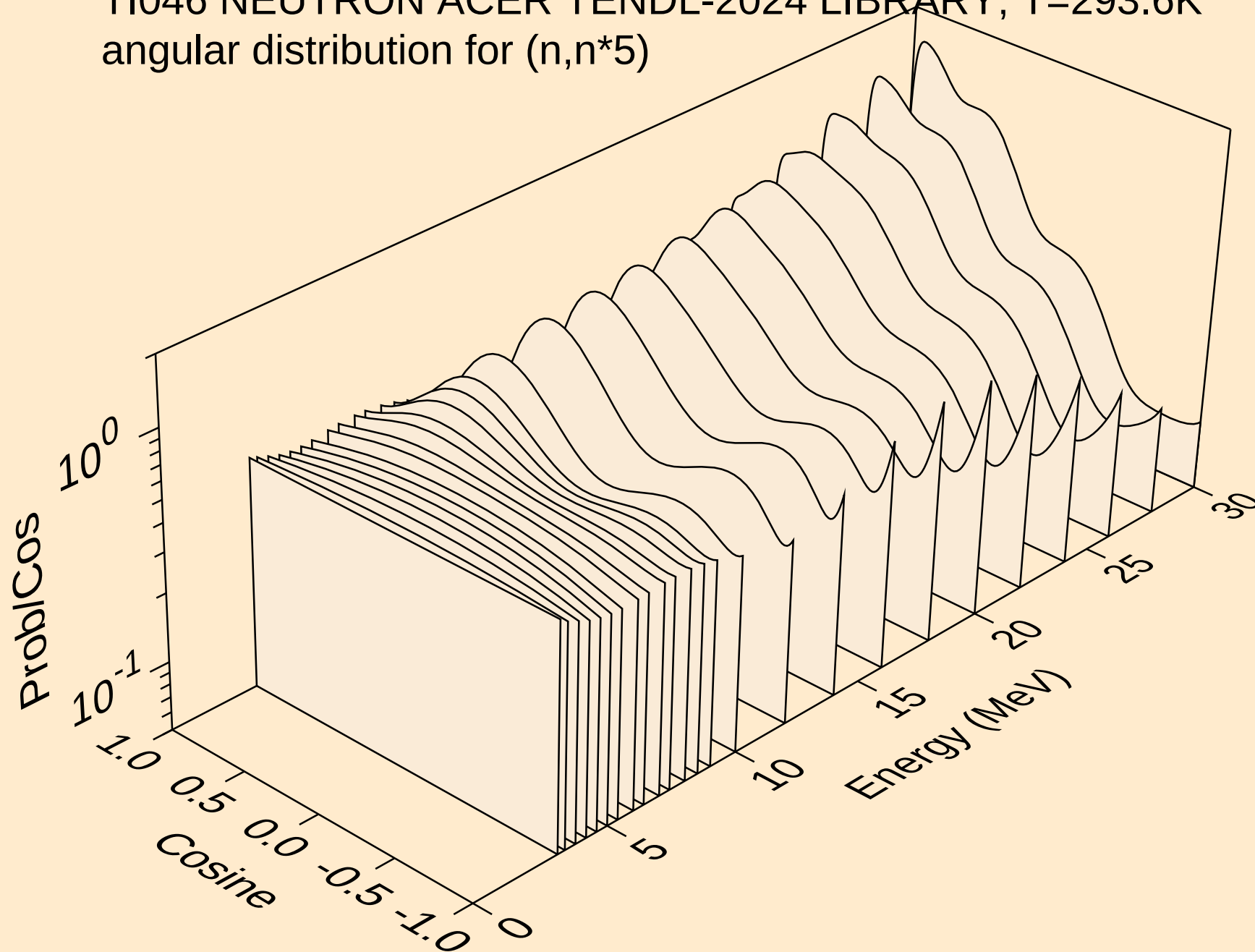
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angular distribution for (n,n\*3)



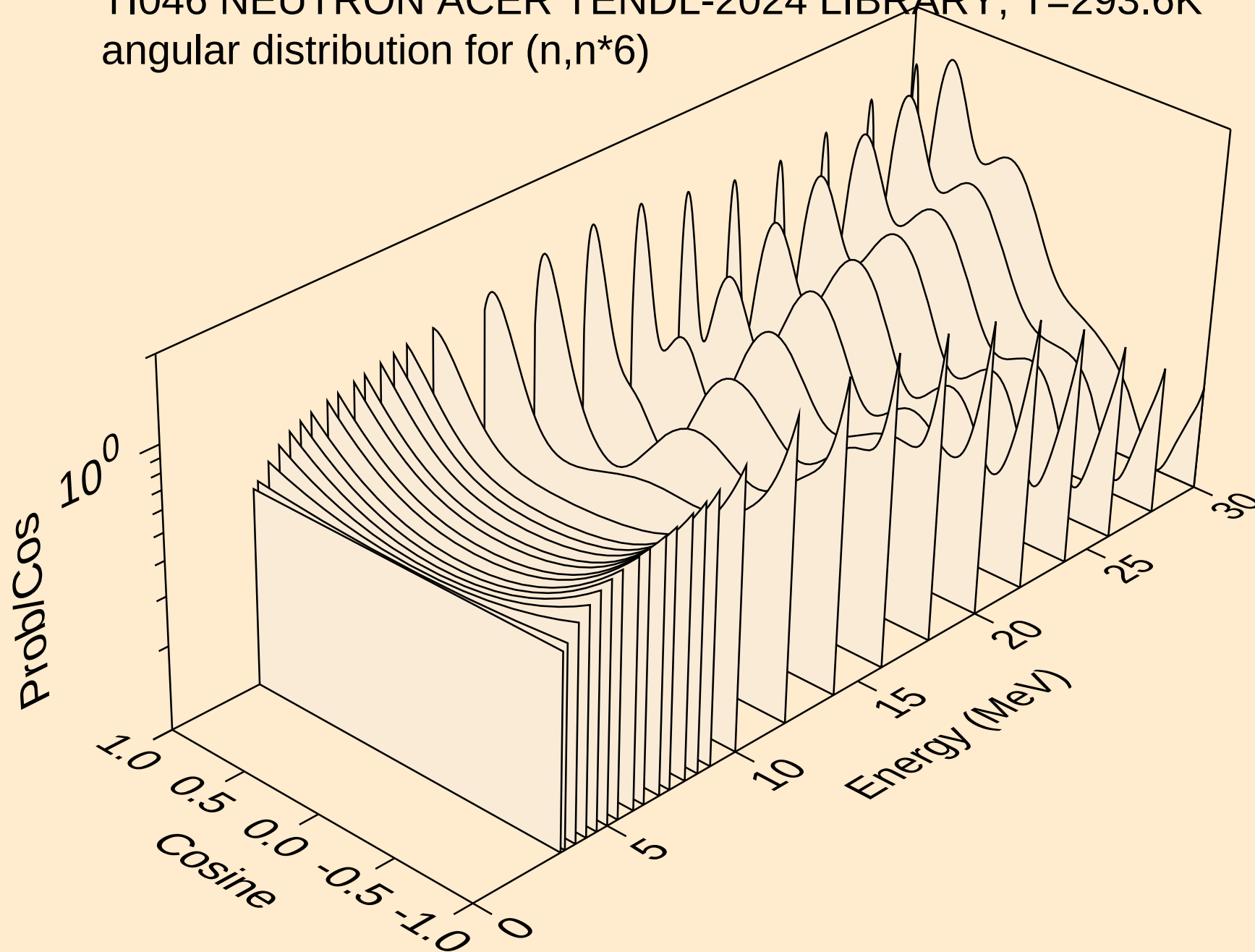
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angular distribution for (n,n\*4)



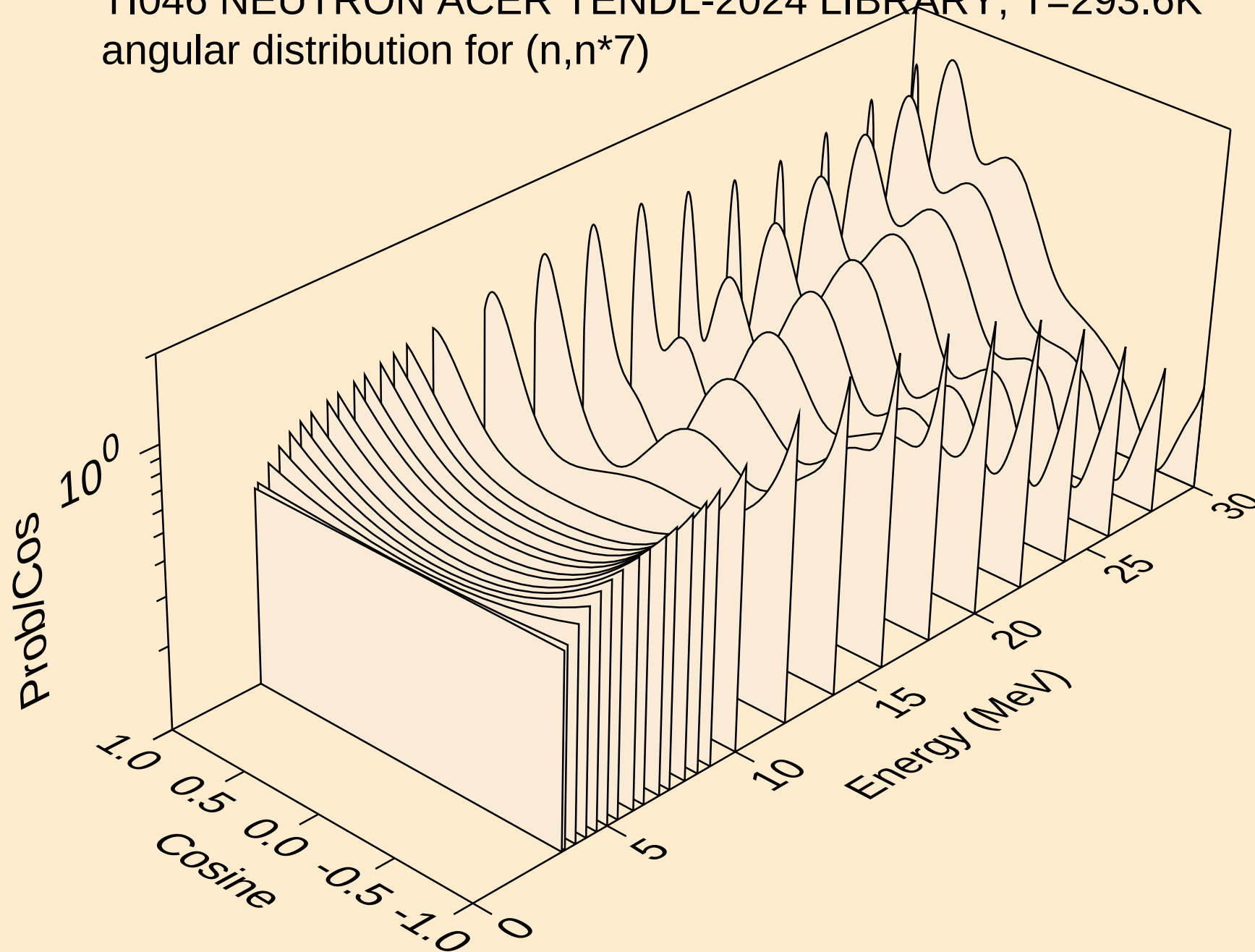
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angular distribution for (n,n\*5)



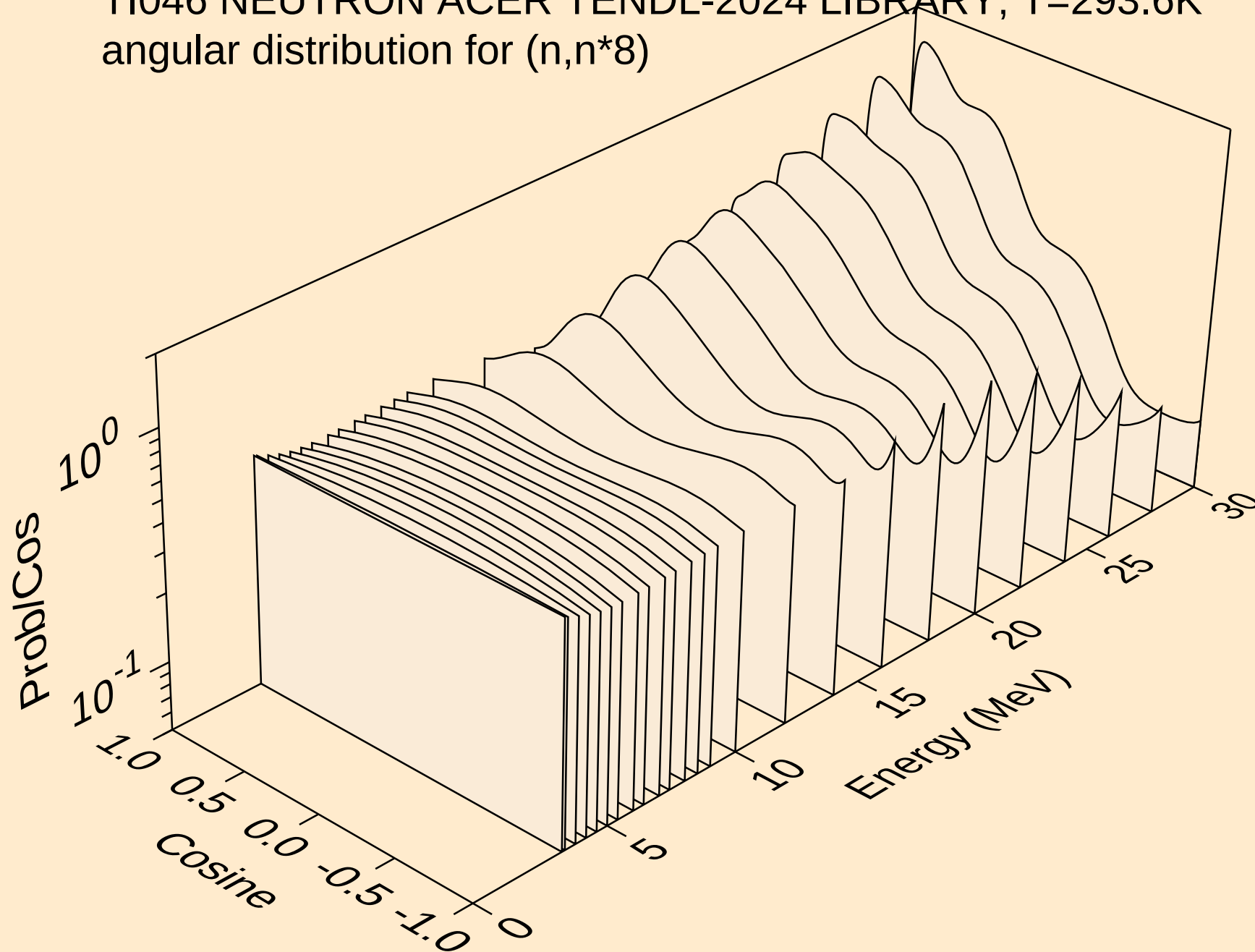
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angular distribution for (n,n\*6)



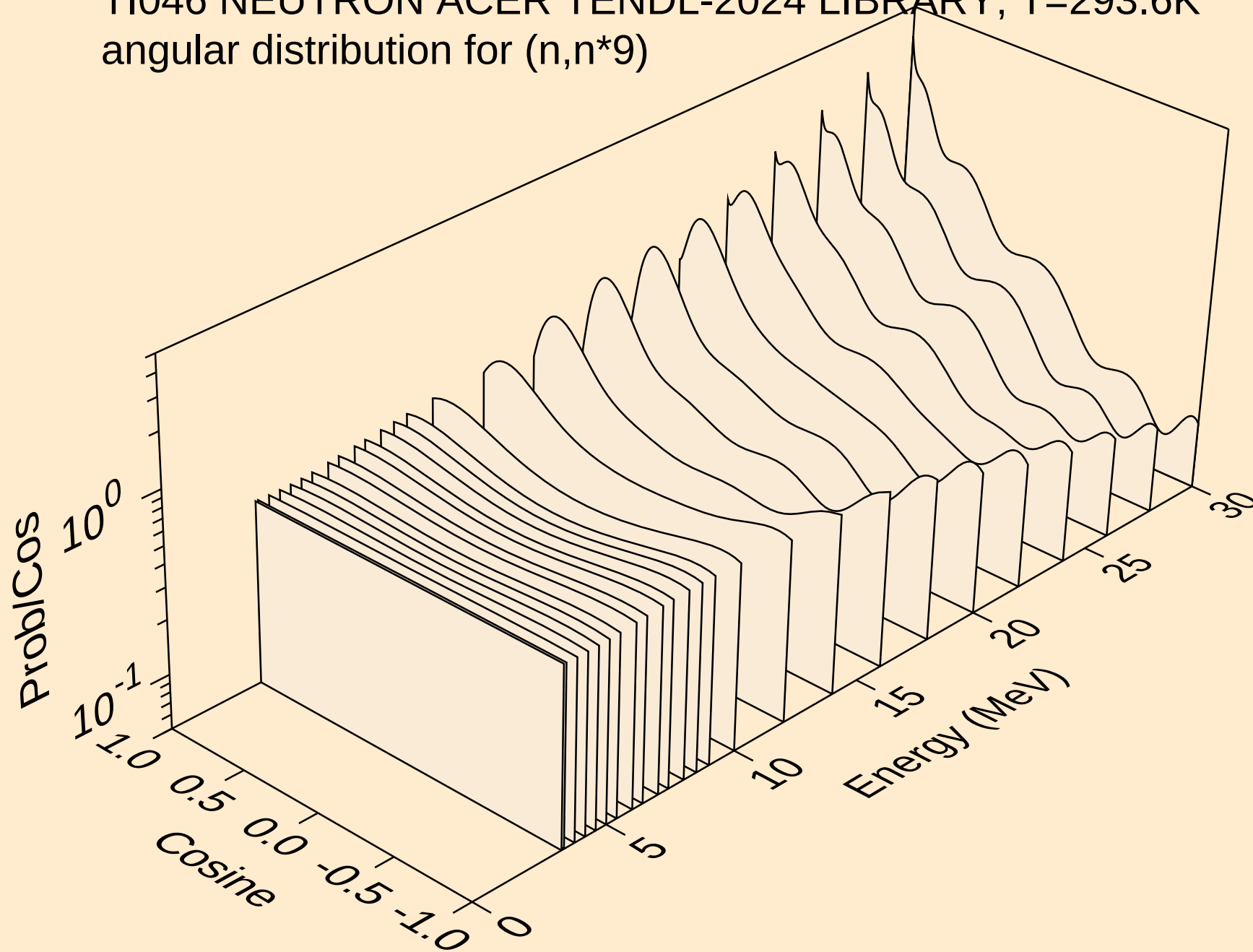
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

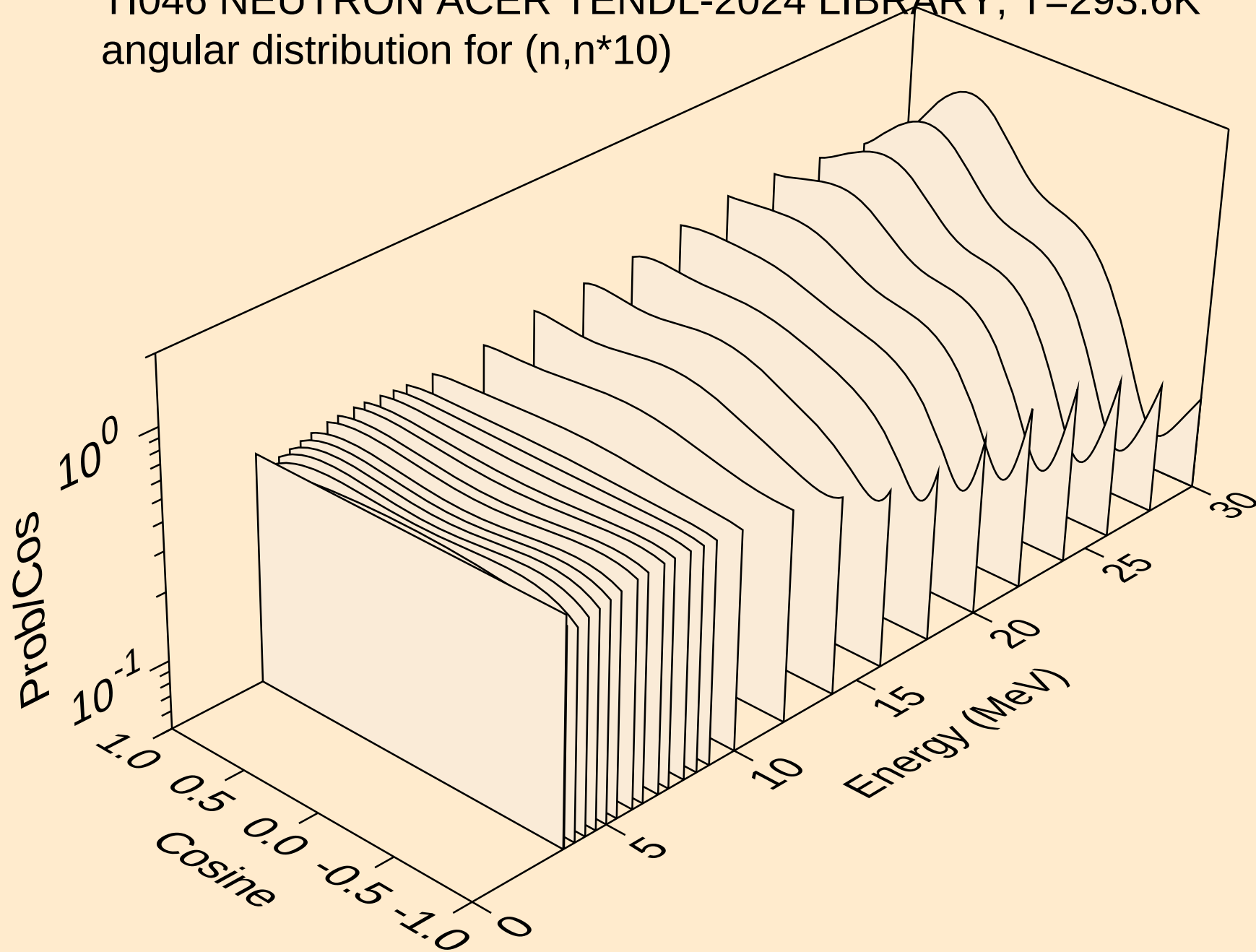


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angular distribution for (n,n\*9)

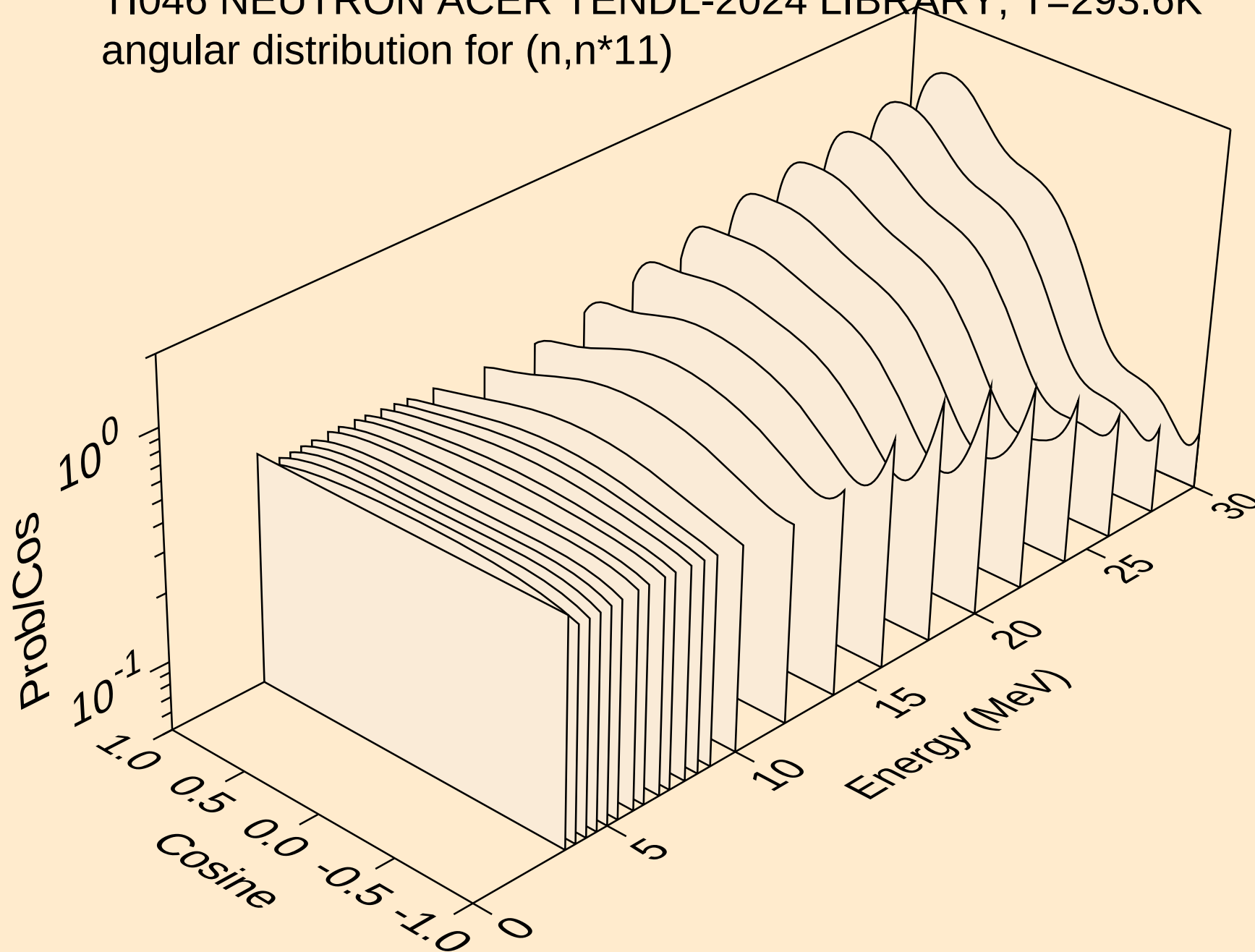




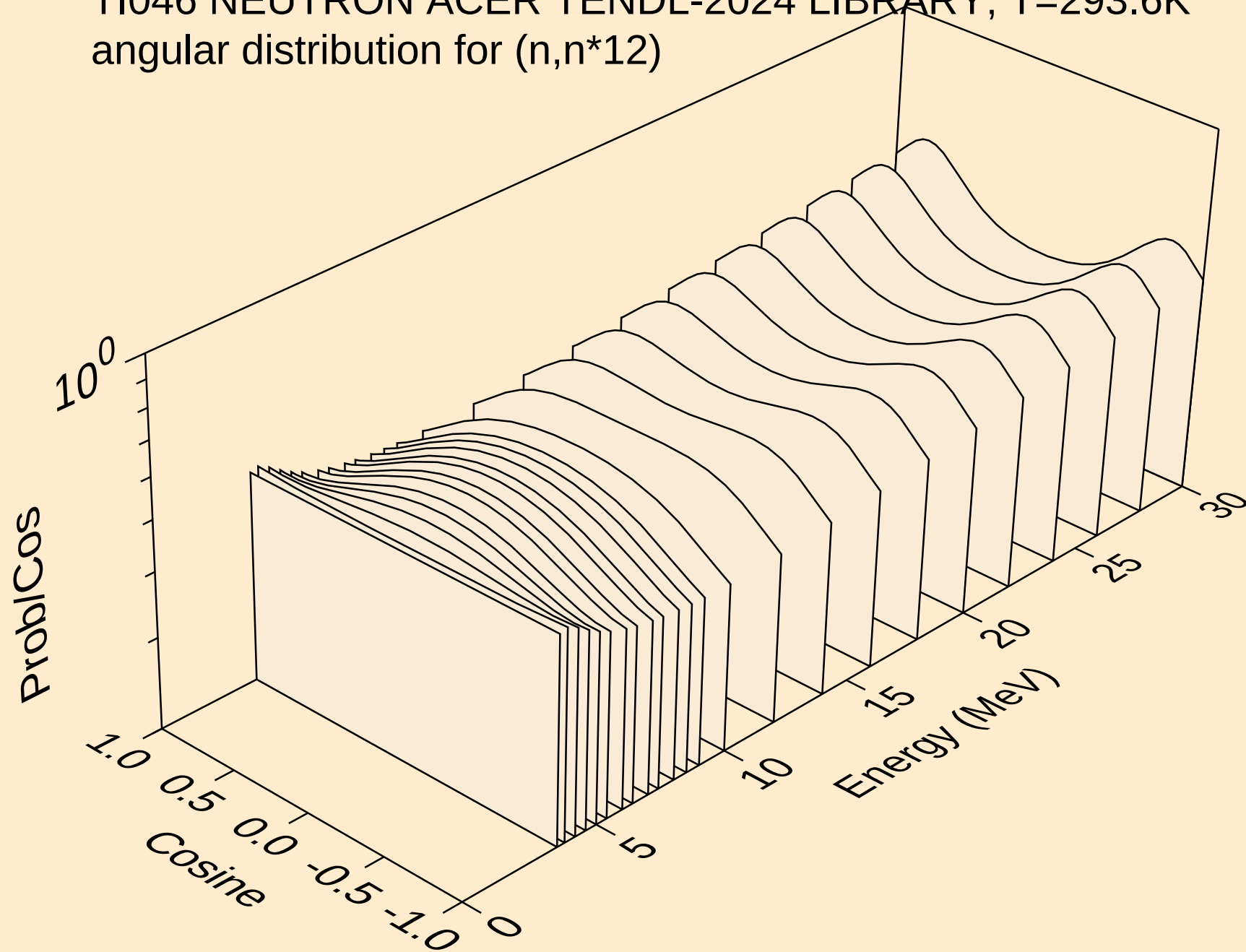
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angular distribution for (n,n\*10)



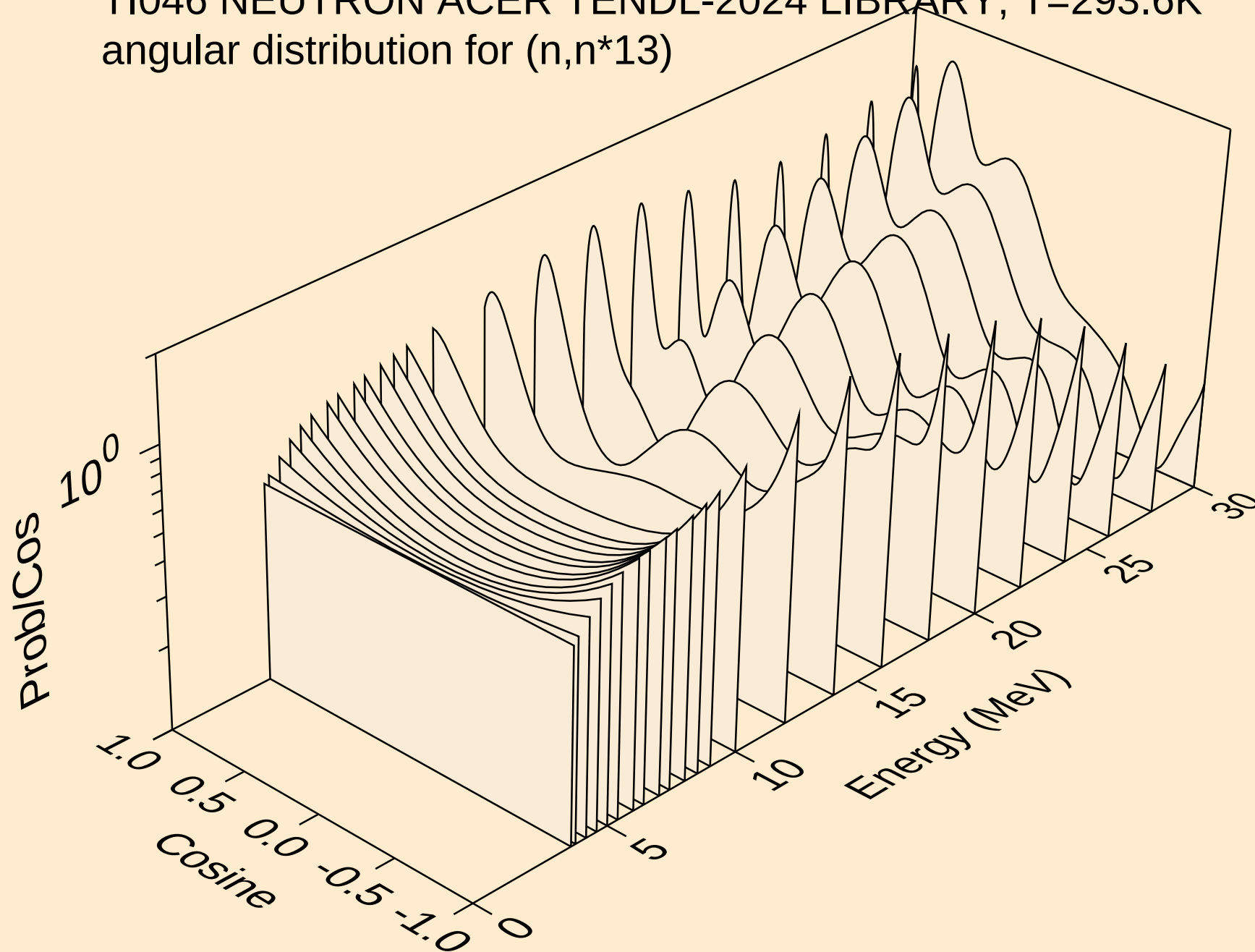
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angular distribution for (n,n\*11)



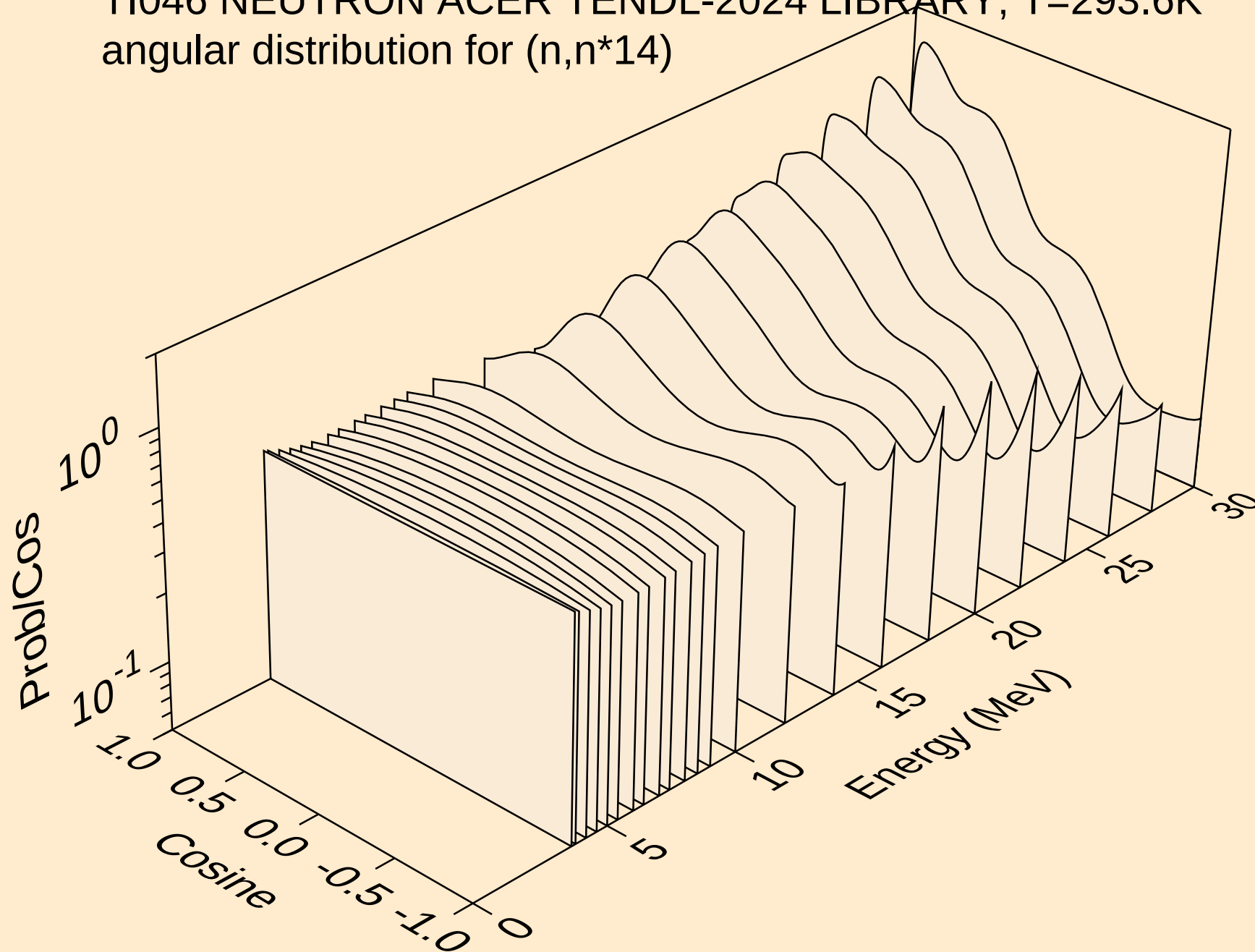
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angular distribution for (n,n\*12)



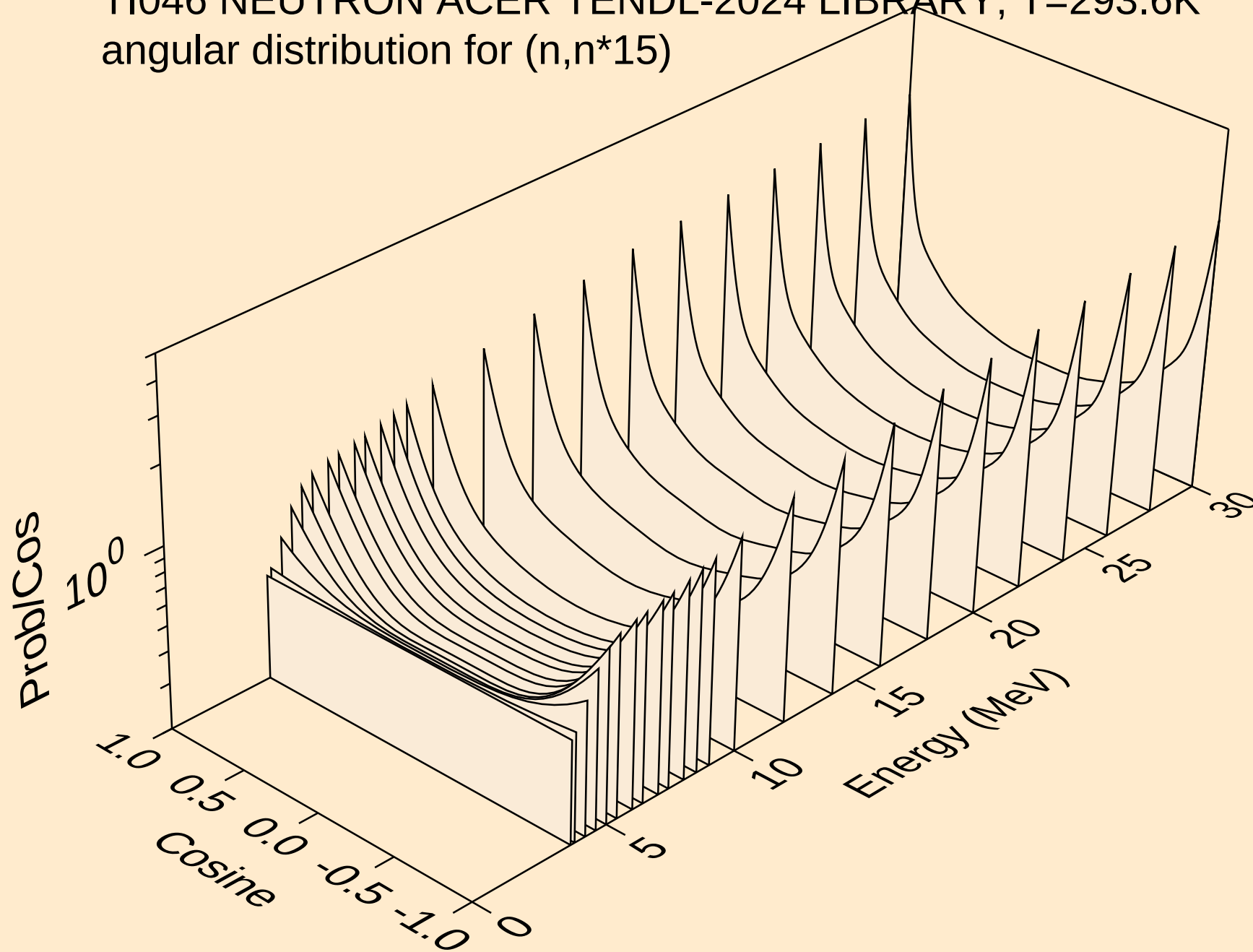
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angular distribution for (n,n\*13)



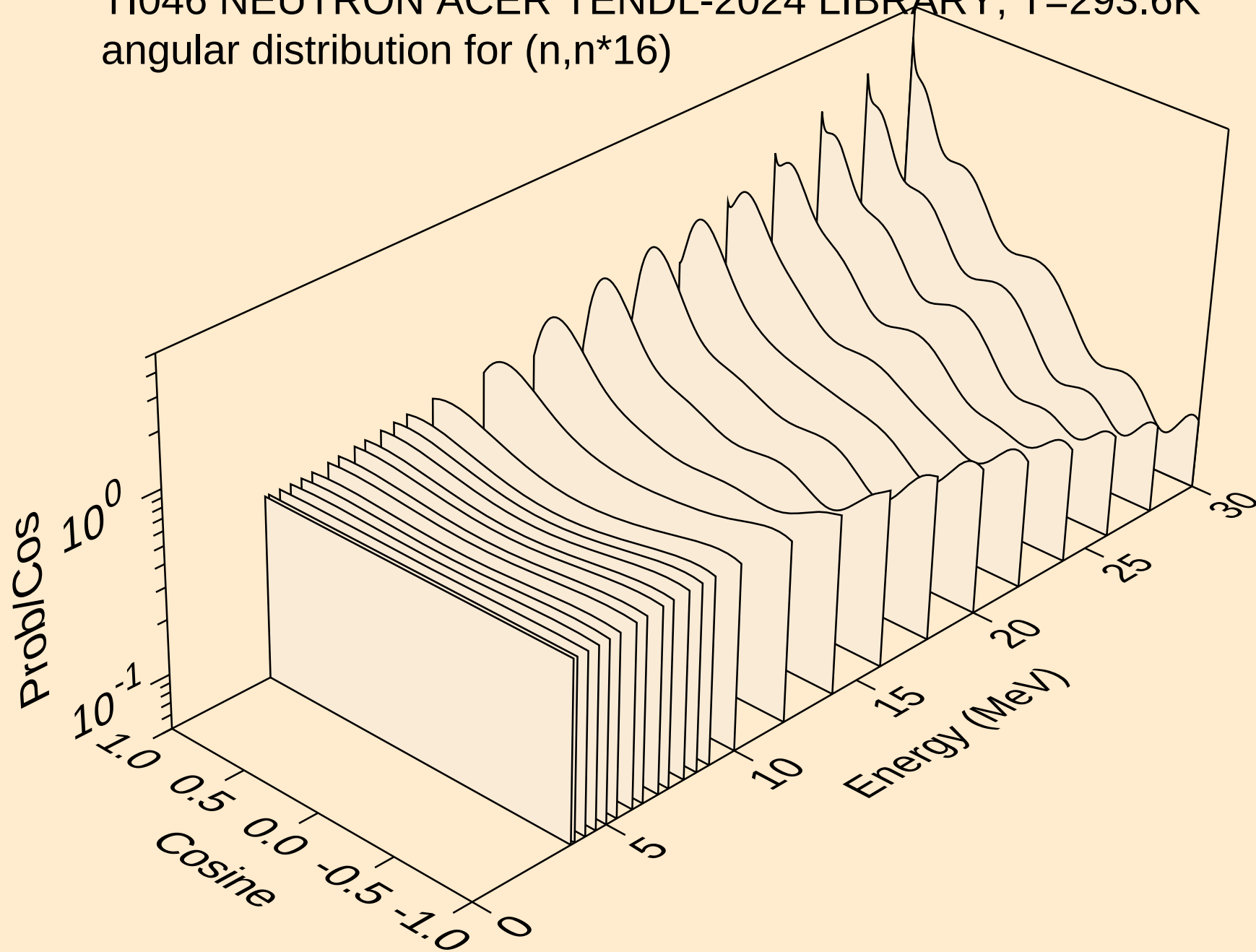
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angular distribution for (n,n\*14)



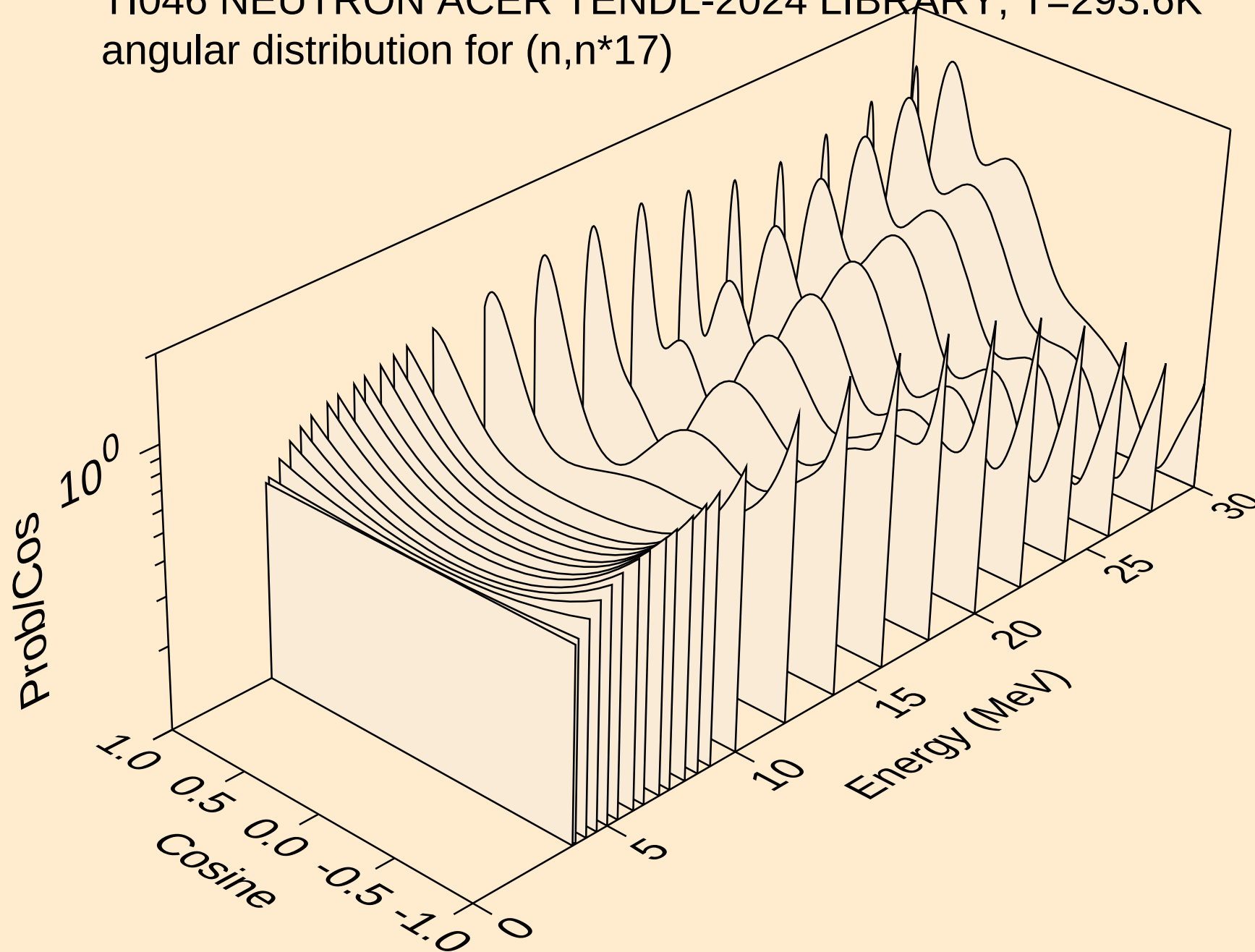
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

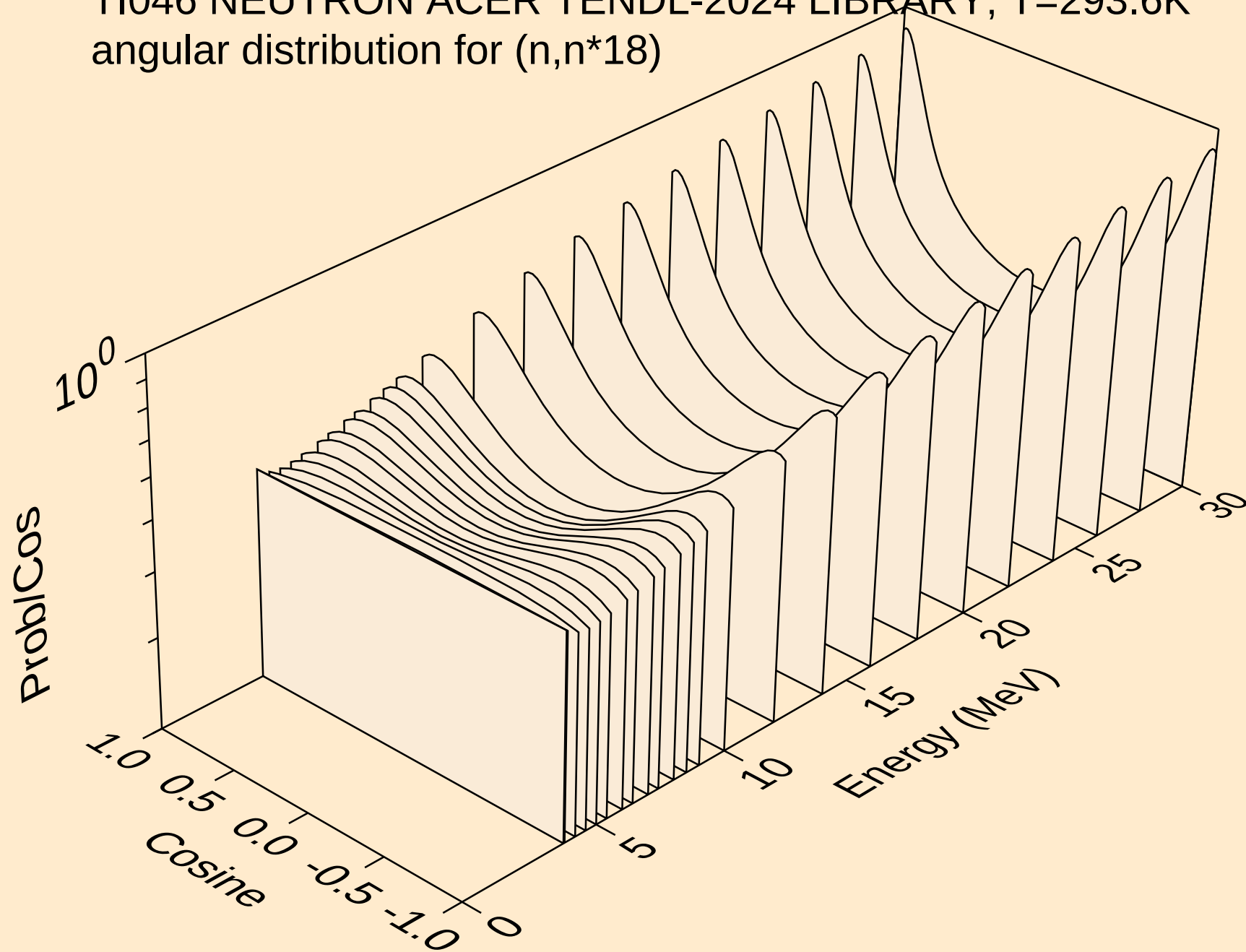


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angular distribution for (n,n\*17)

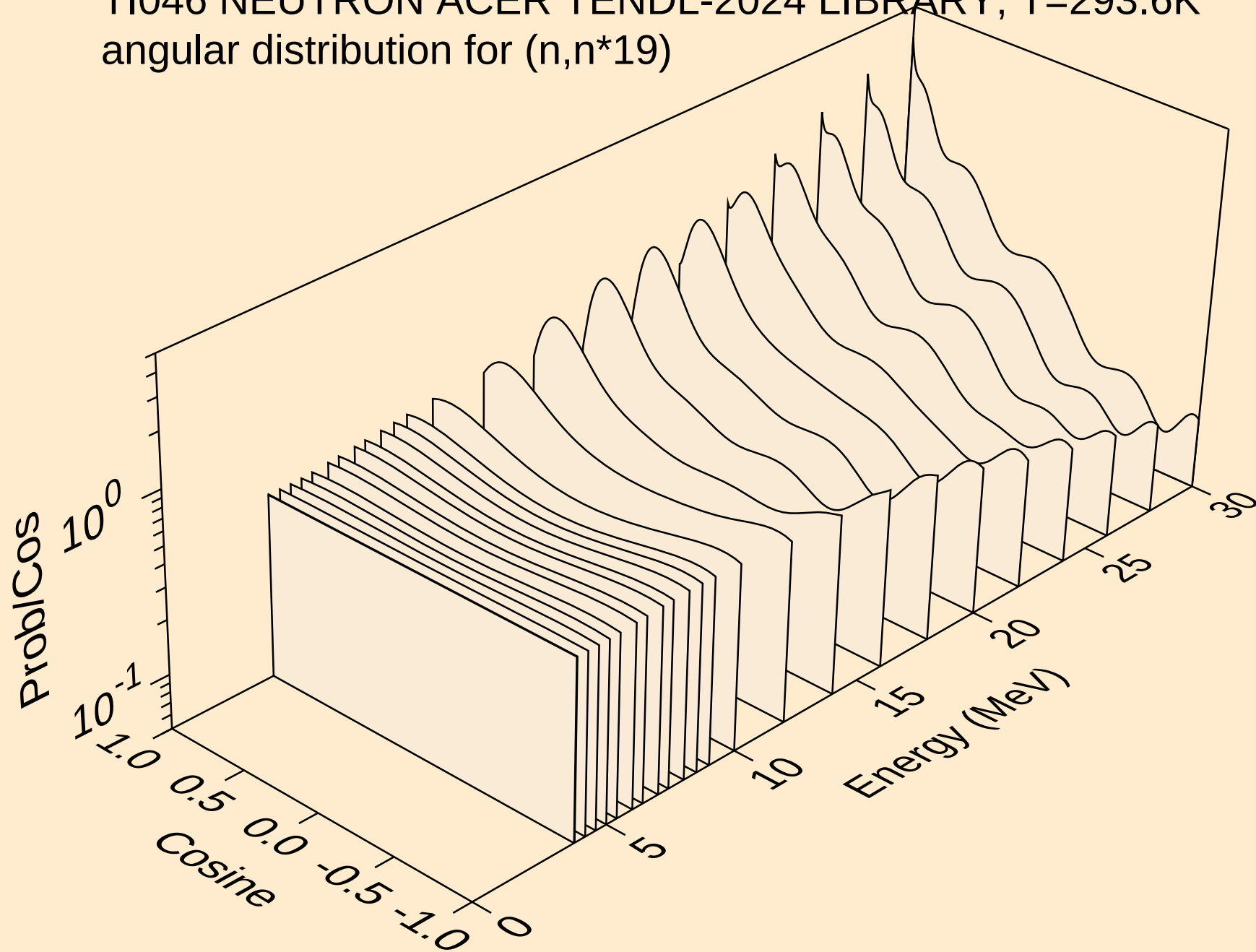




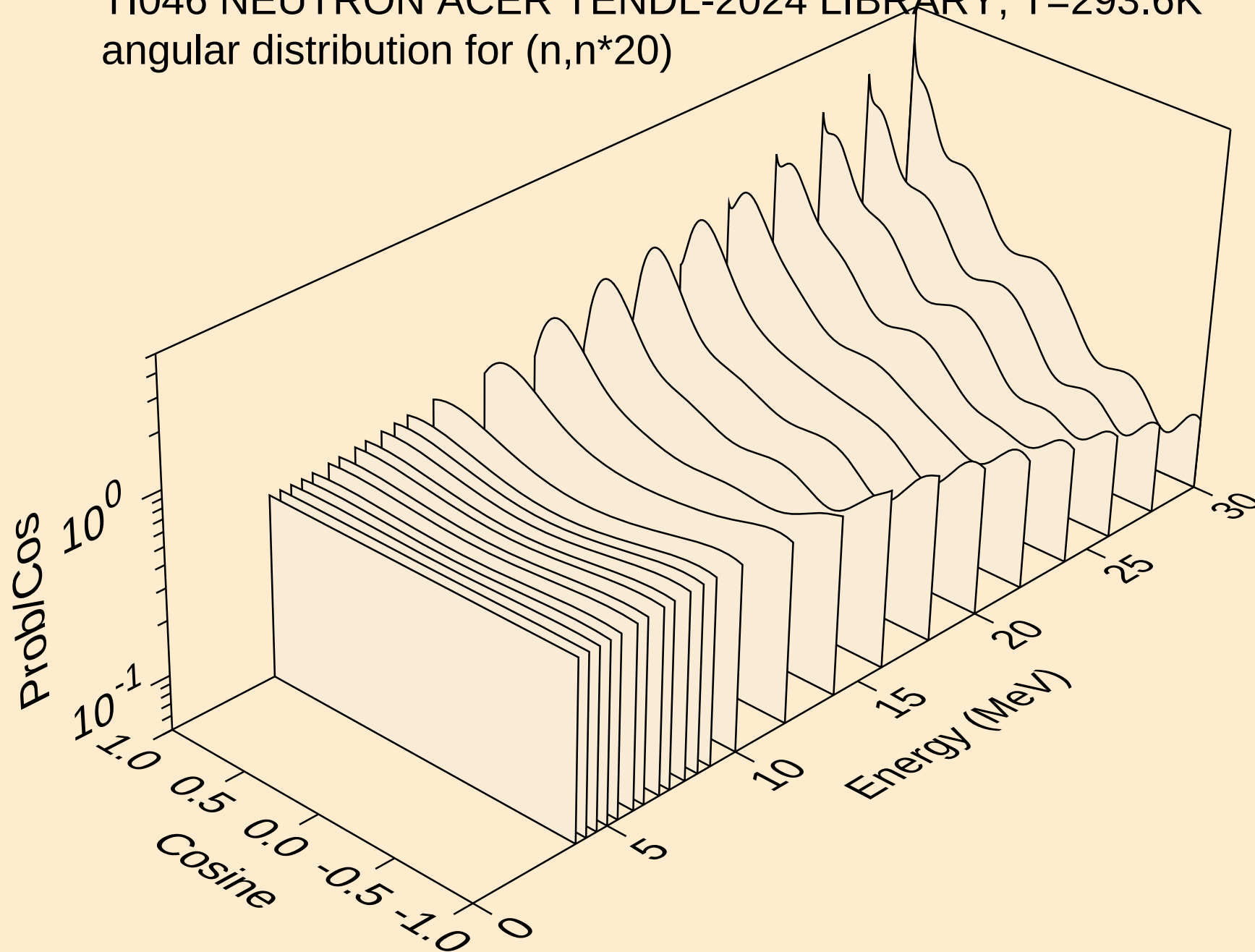
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angular distribution for (n,n\*18)



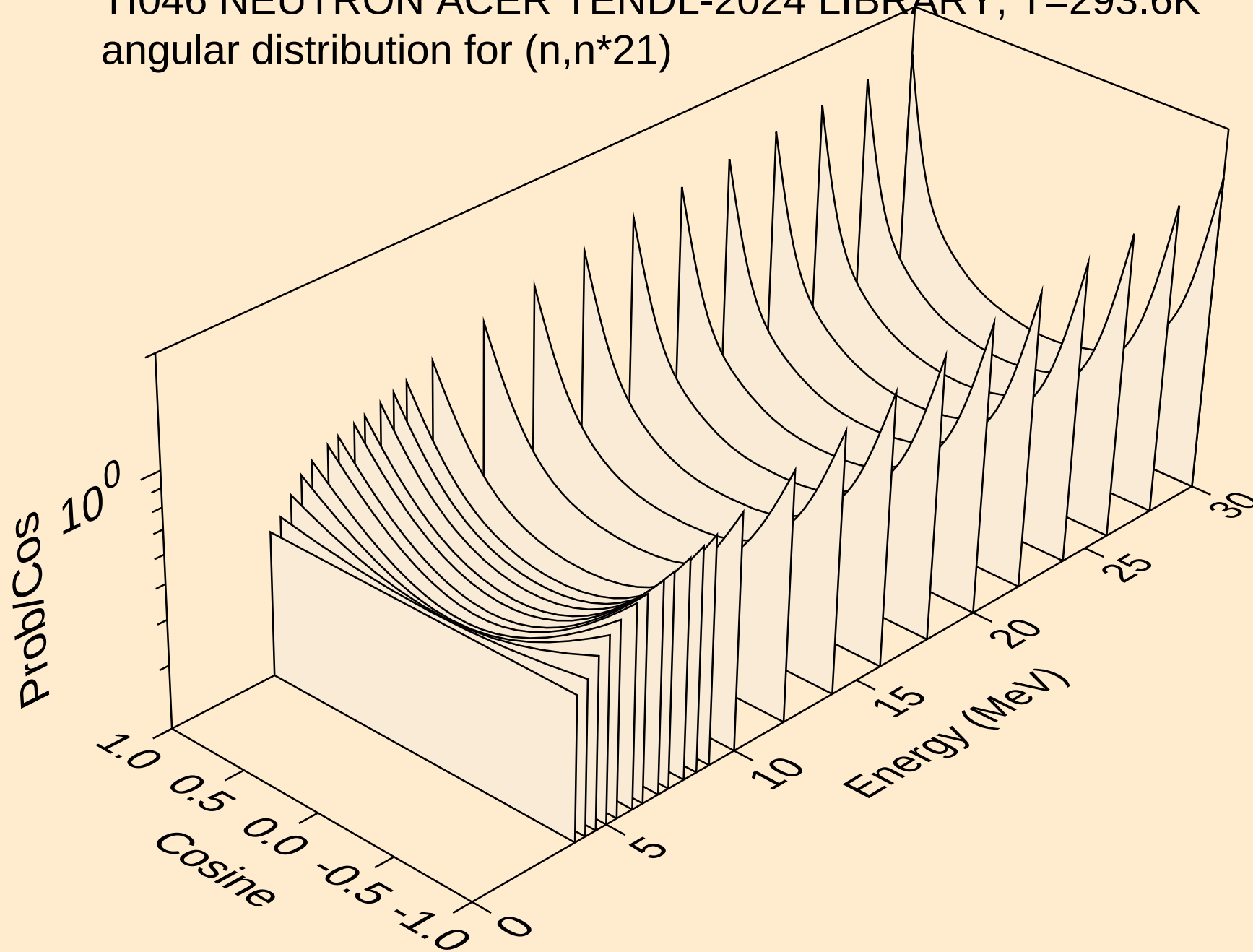
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angular distribution for (n,n\*19)



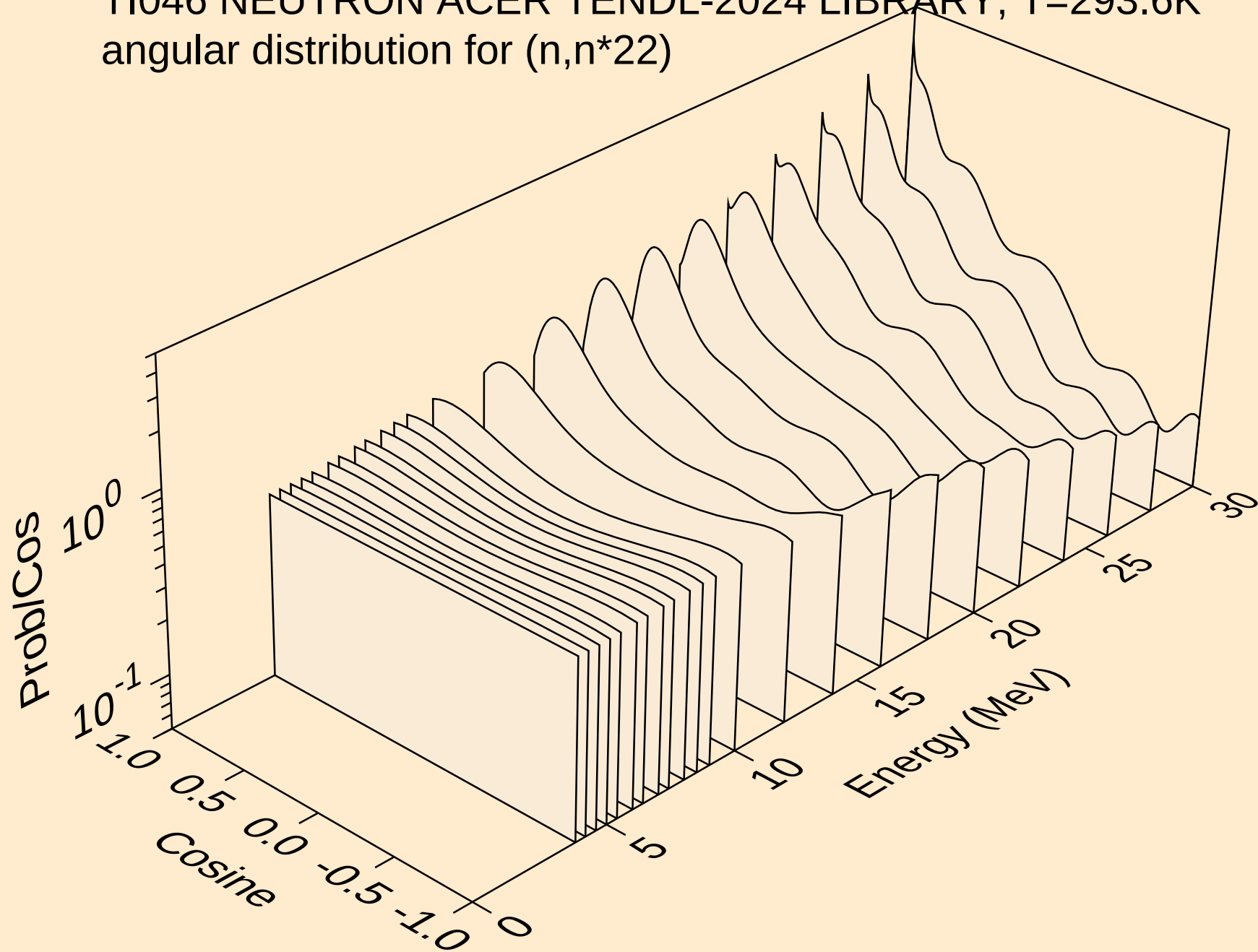
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angular distribution for (n,n\*20)



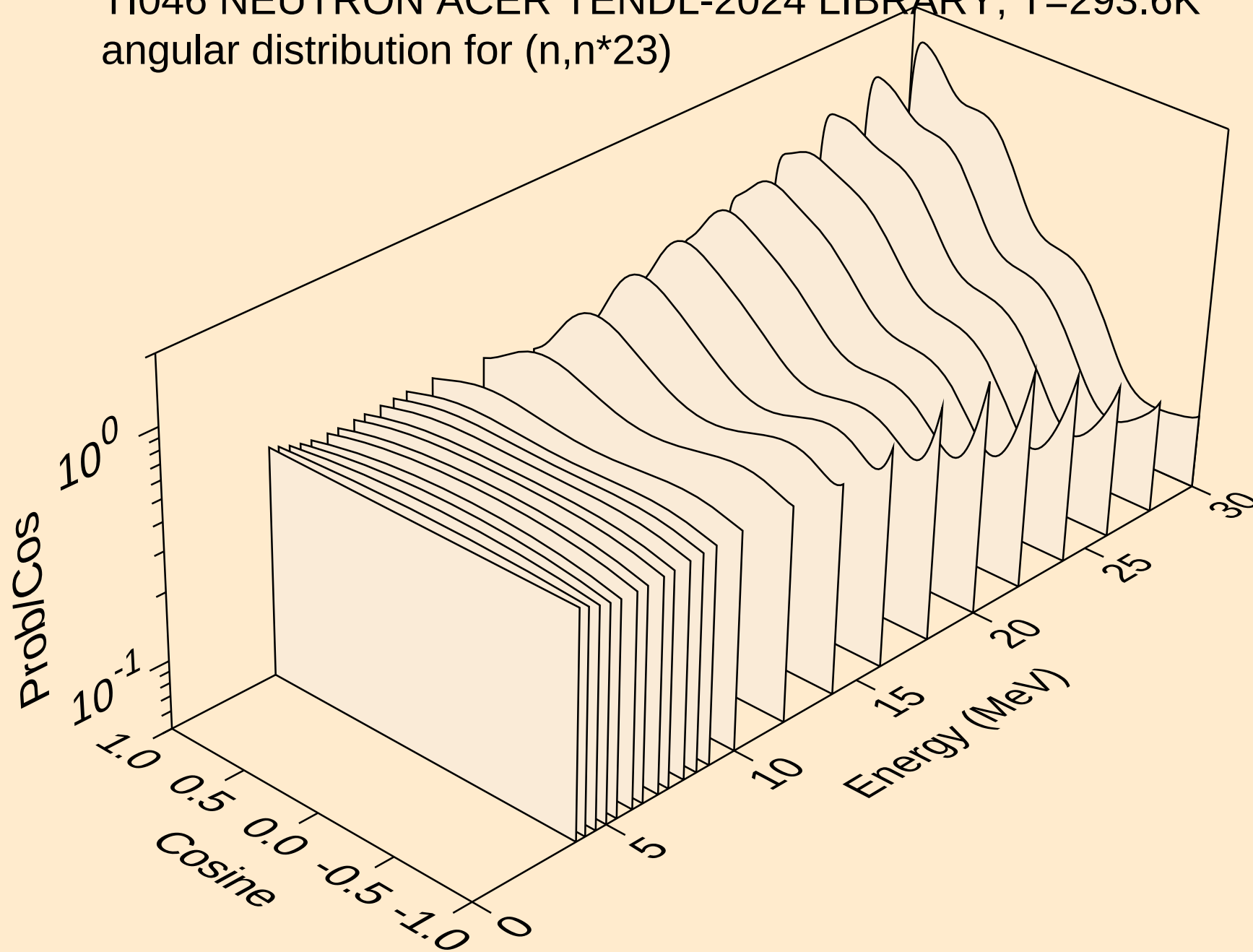
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angular distribution for (n,n\*21)



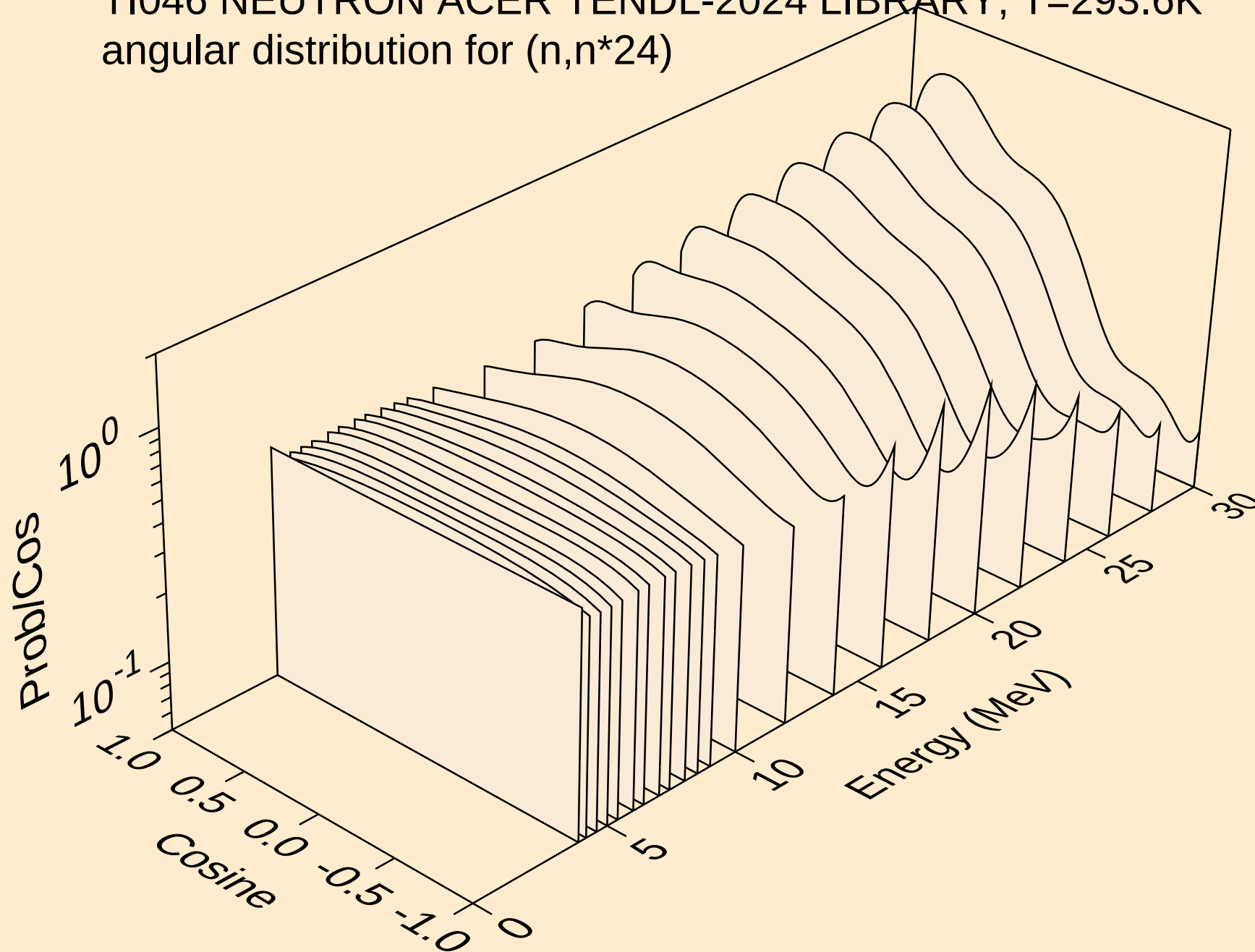
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angular distribution for (n,n\*22)



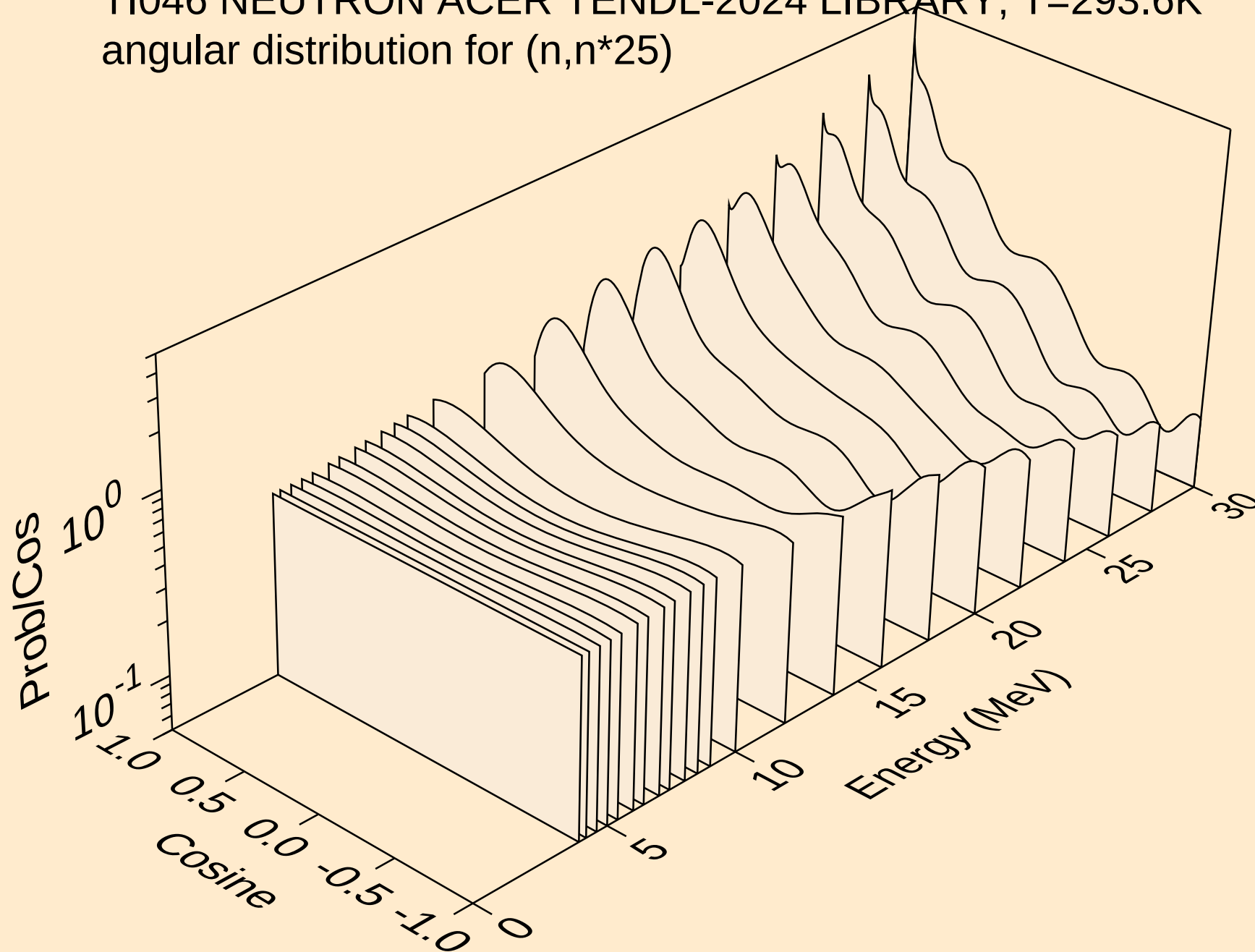
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

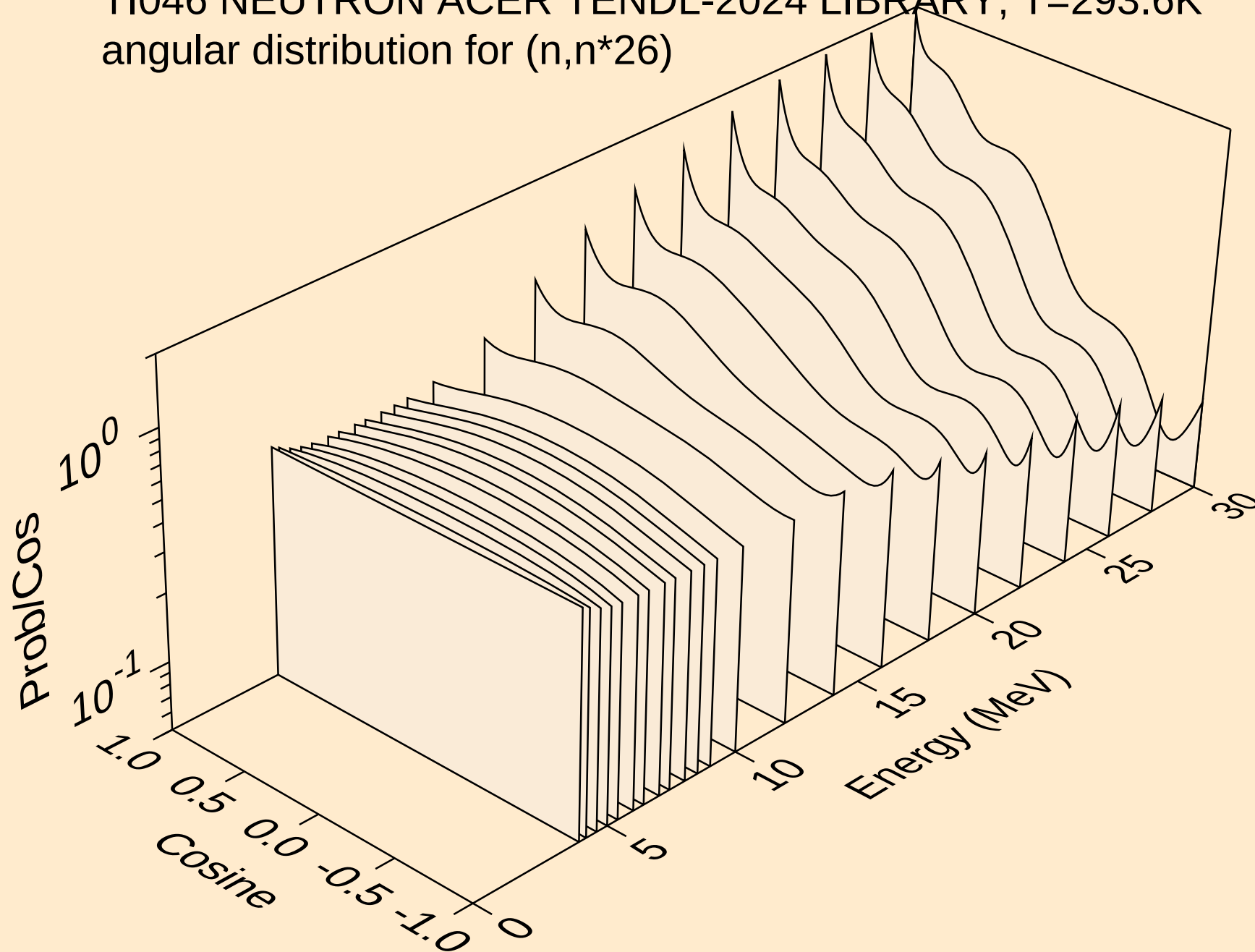


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

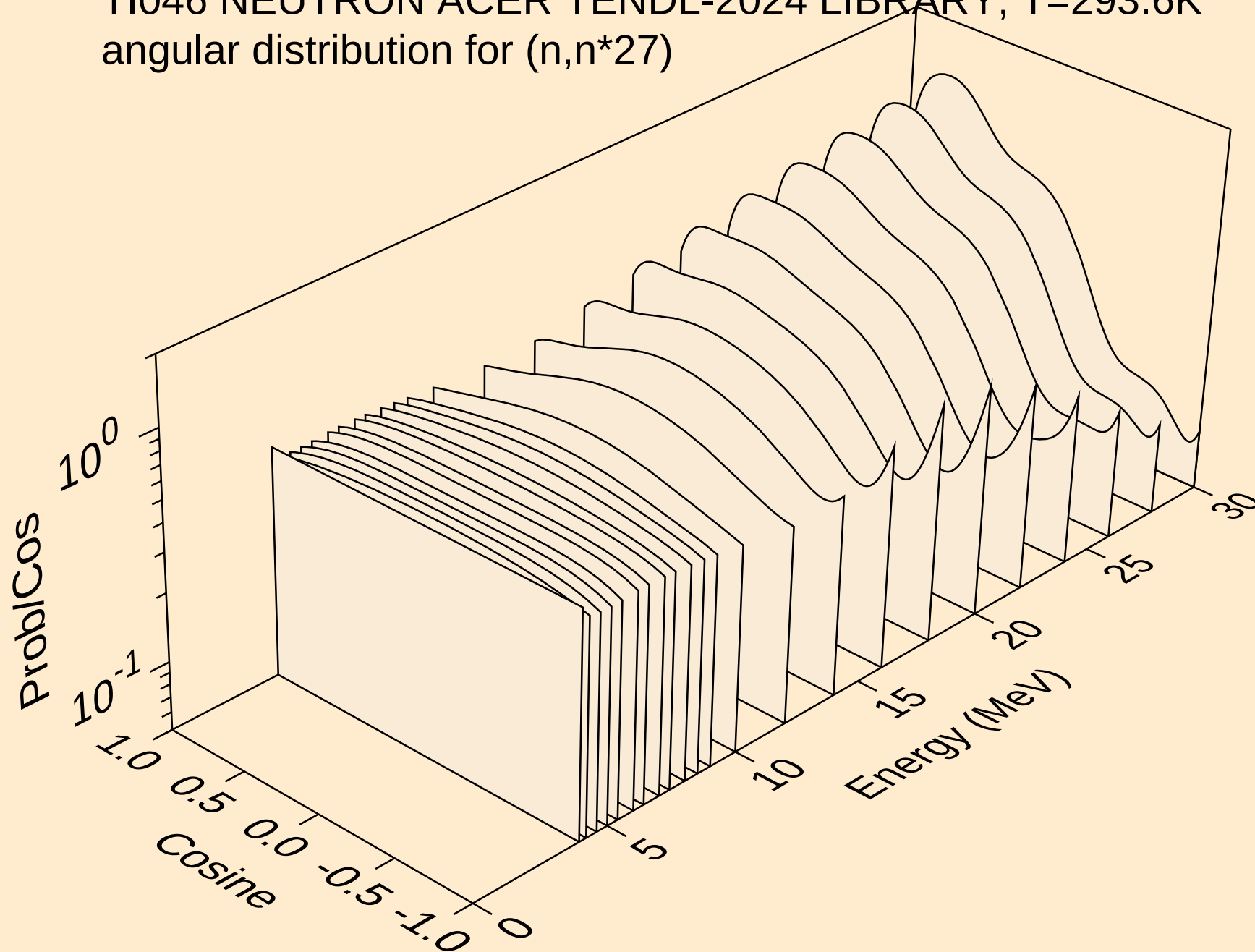




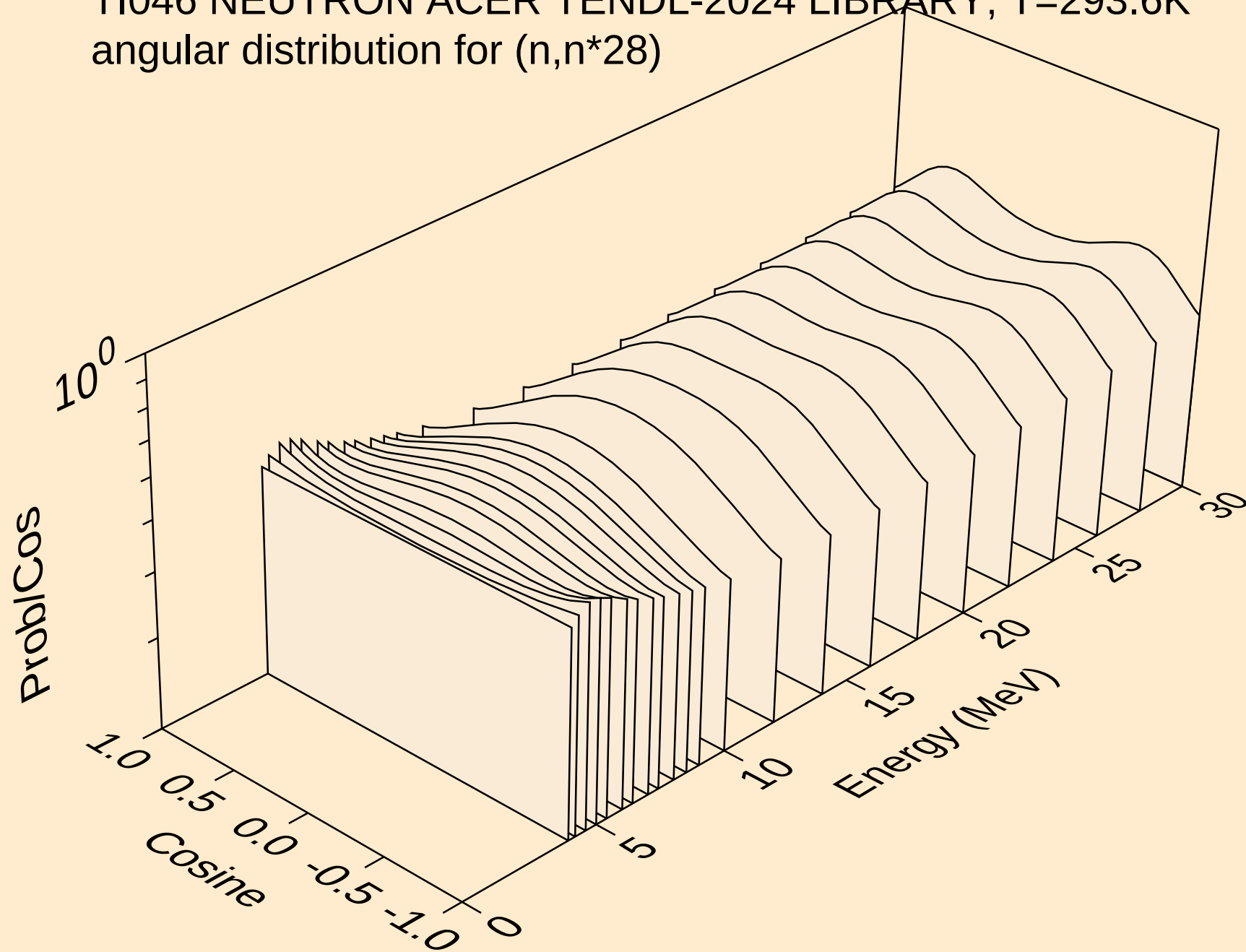
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



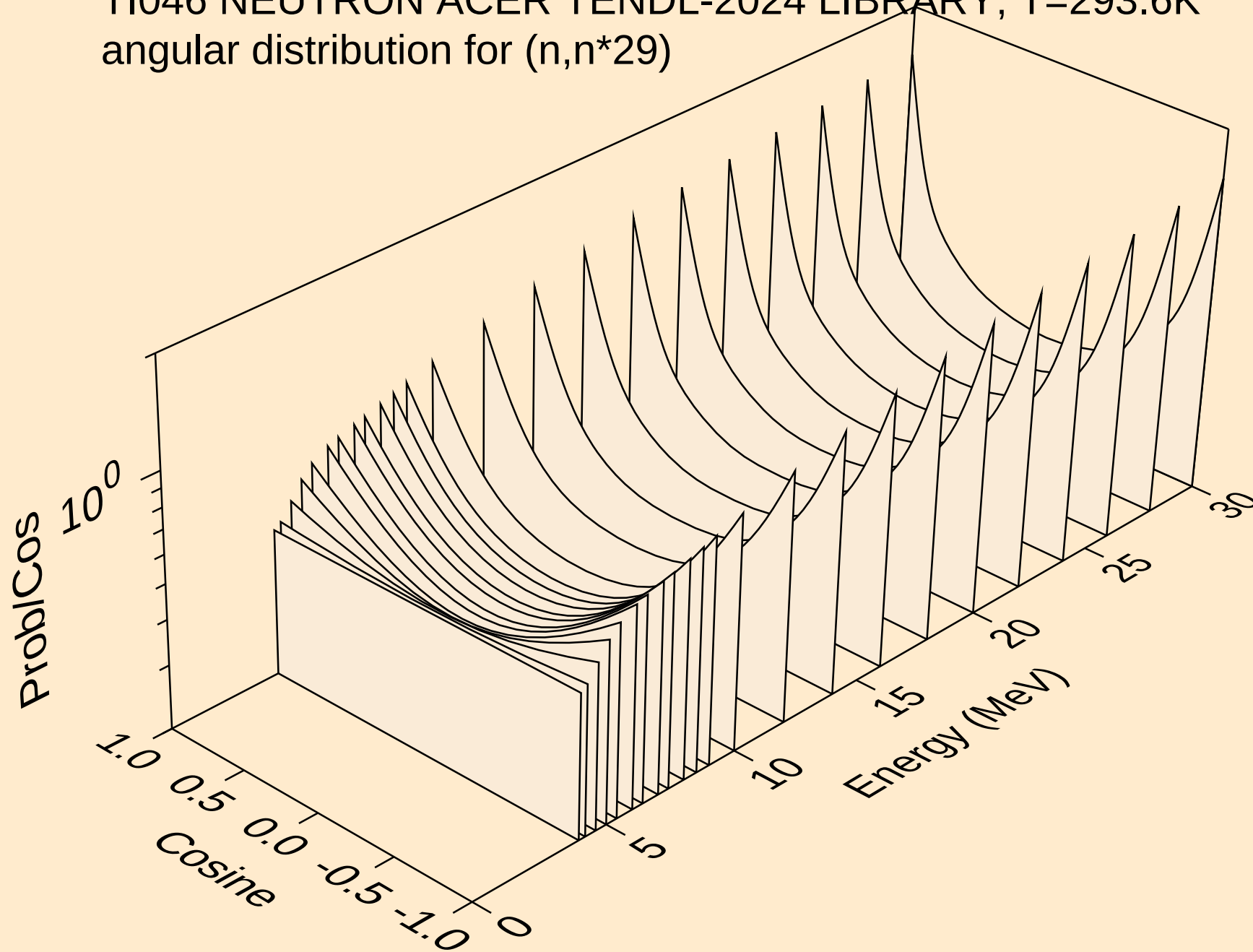
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



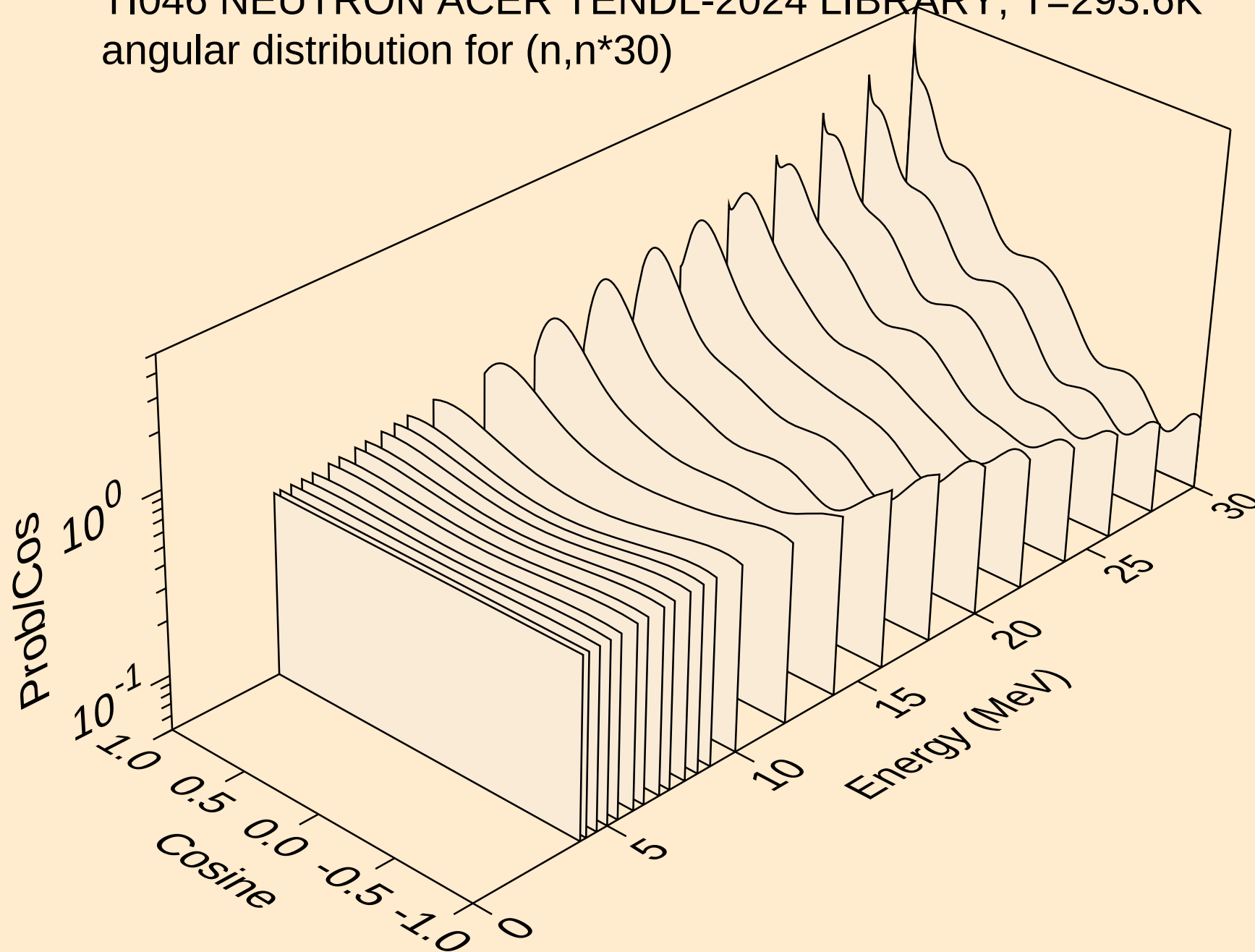
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



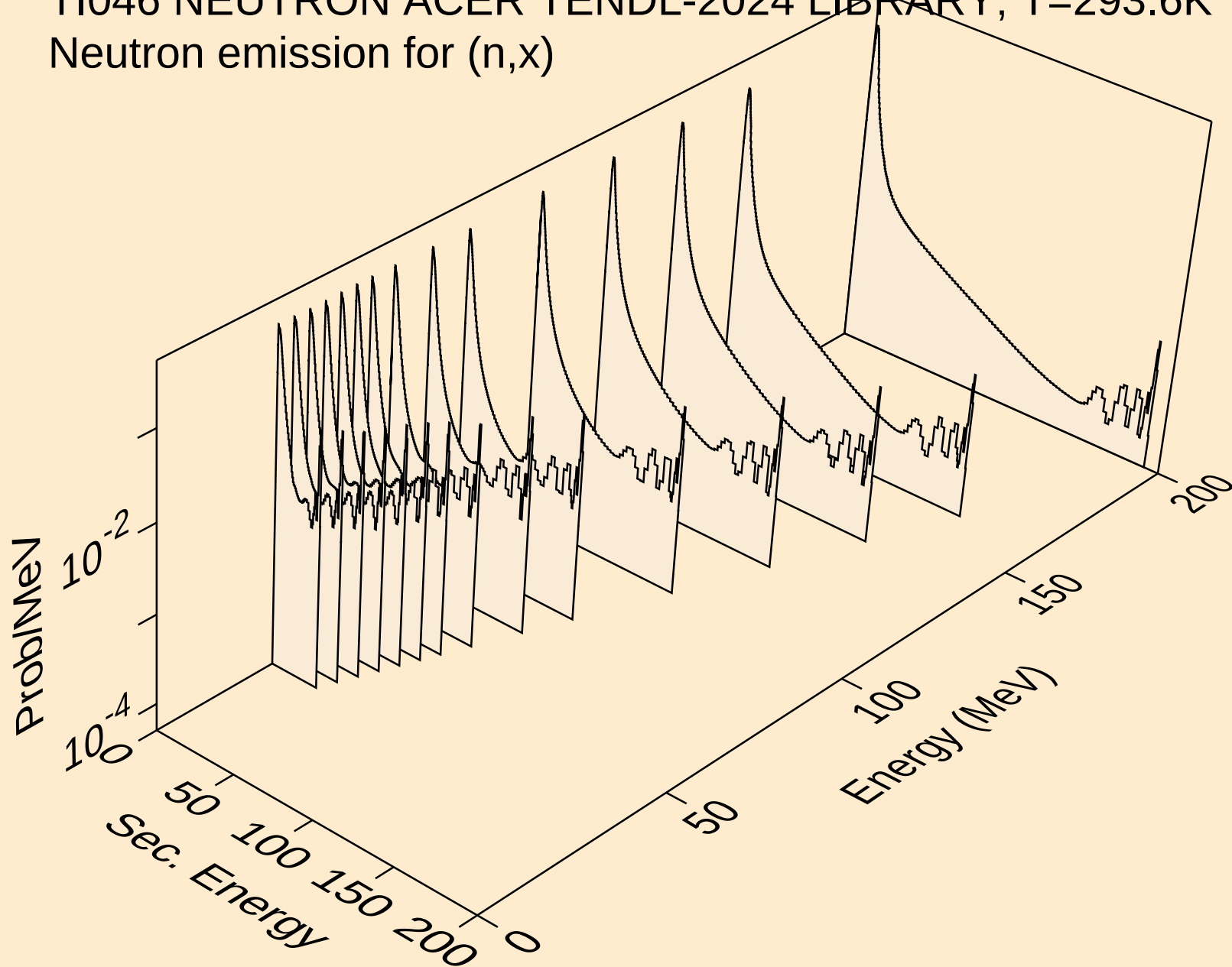
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



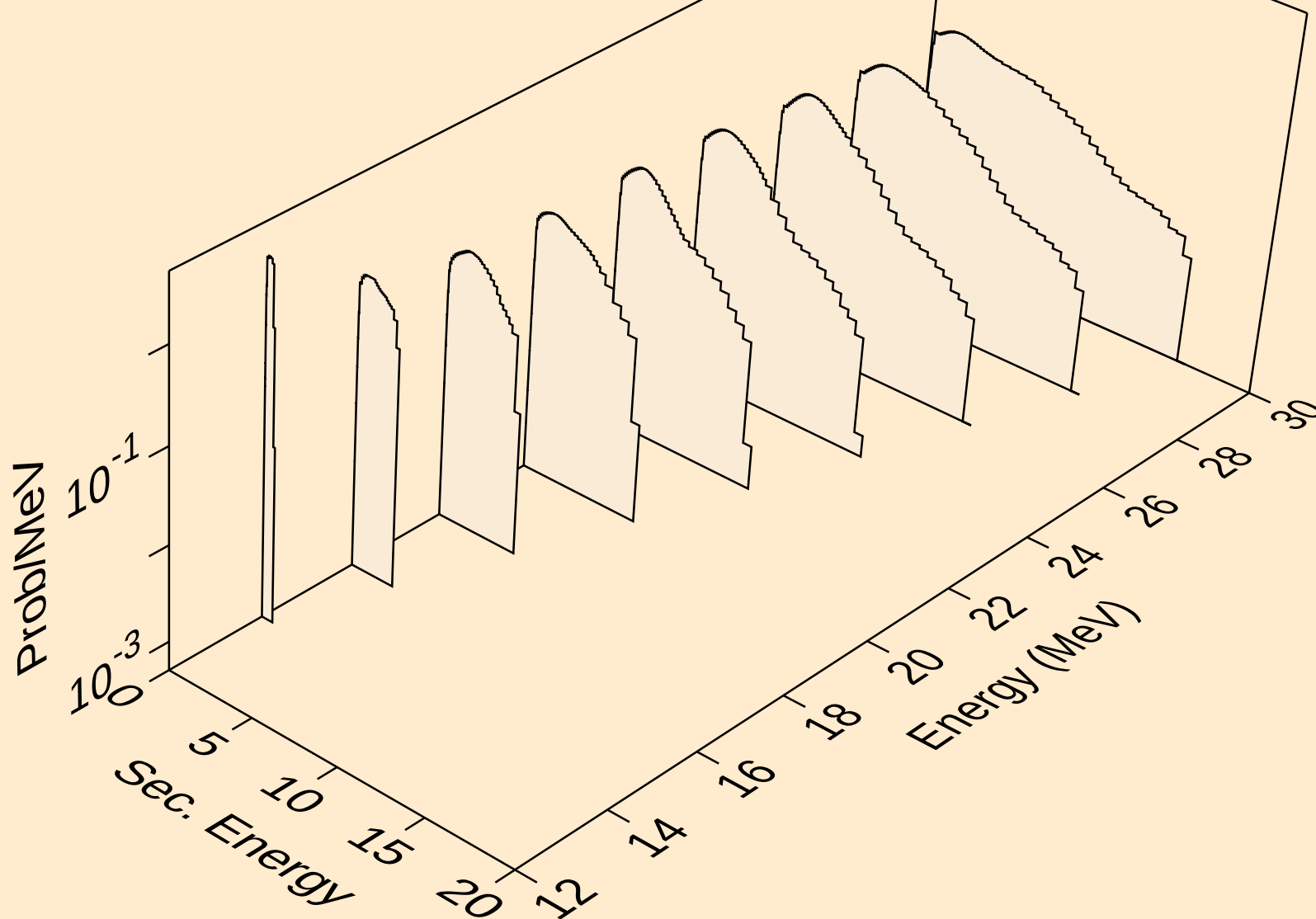
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angular distribution for (n,n\*30)



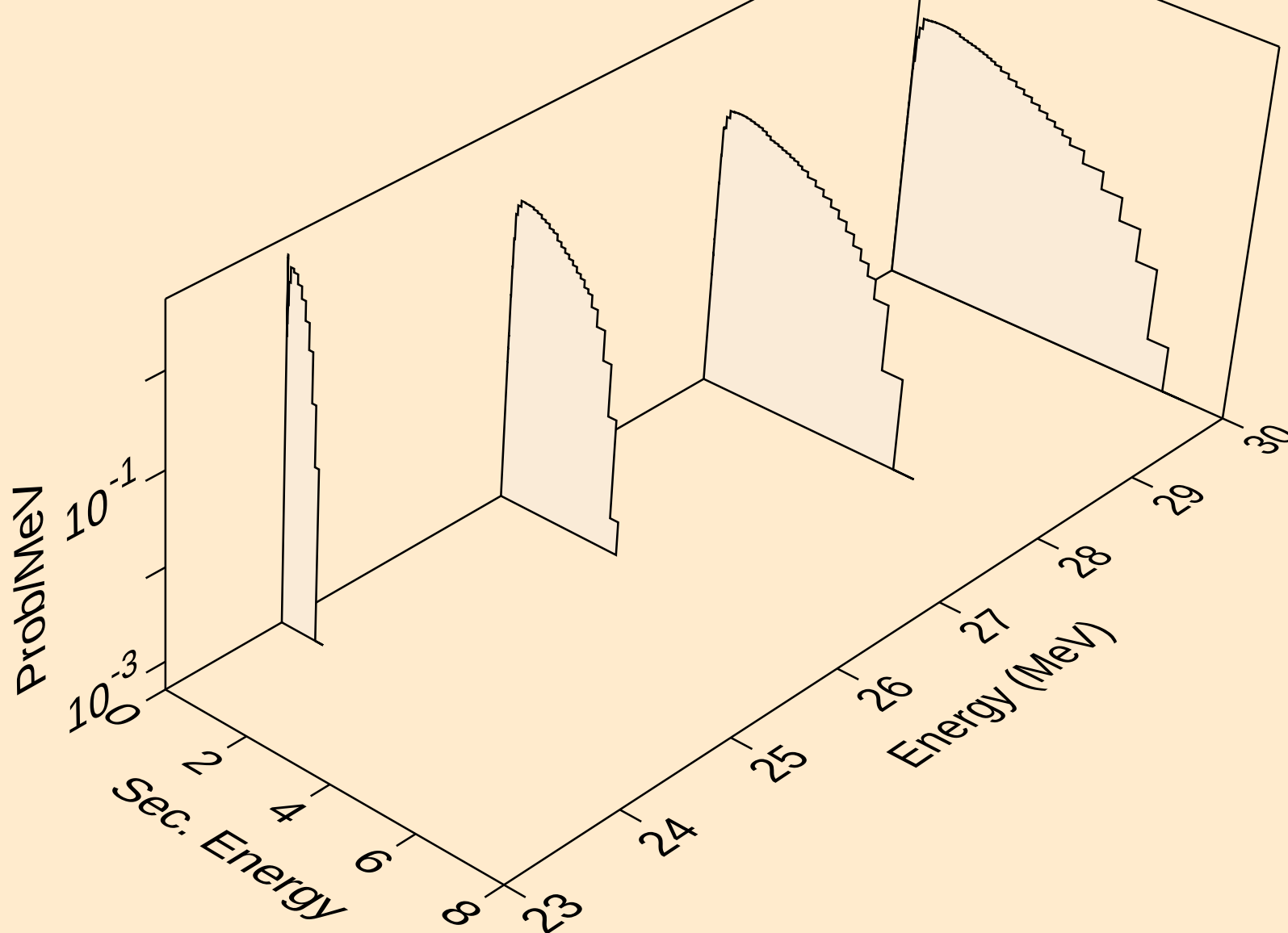
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

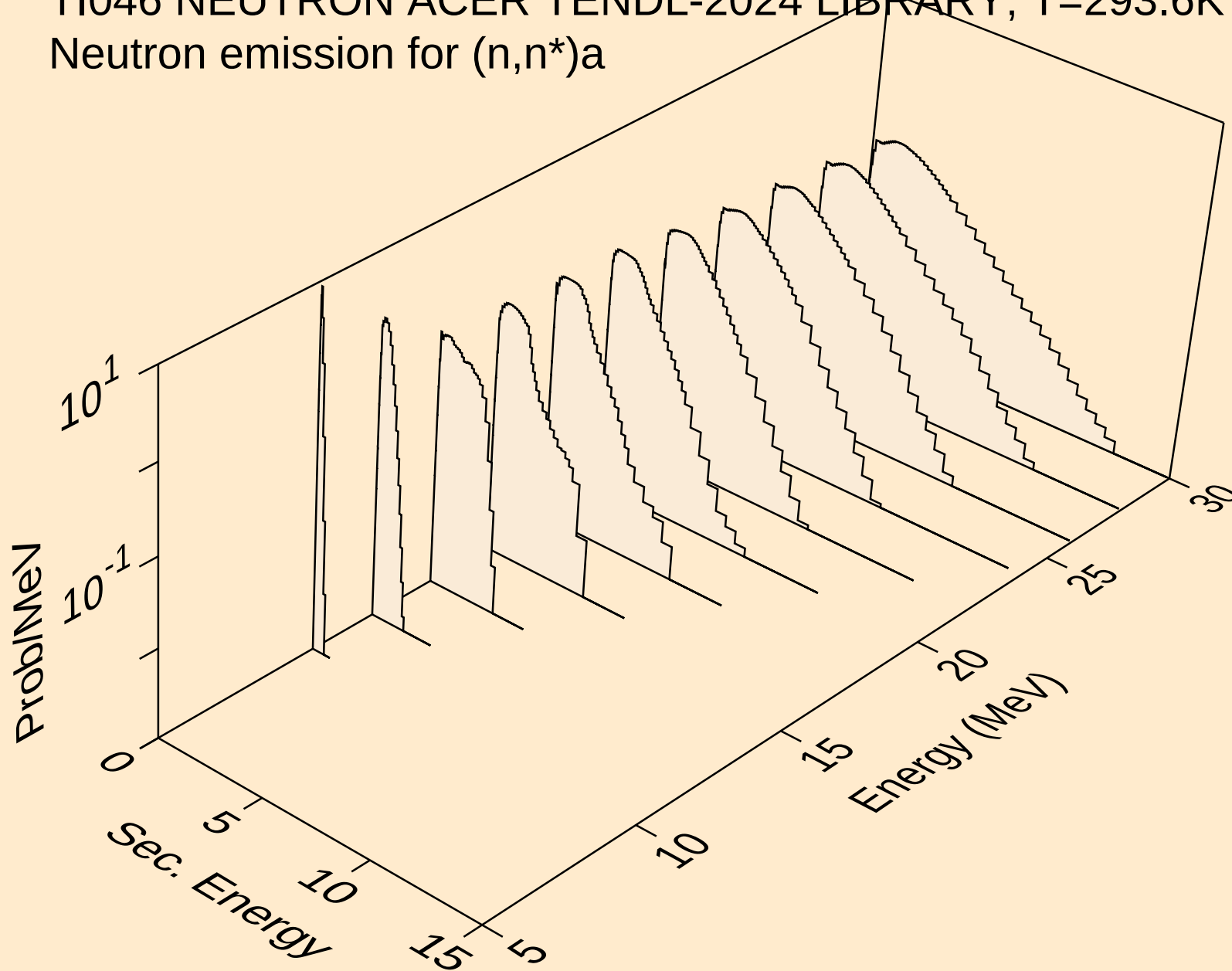


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

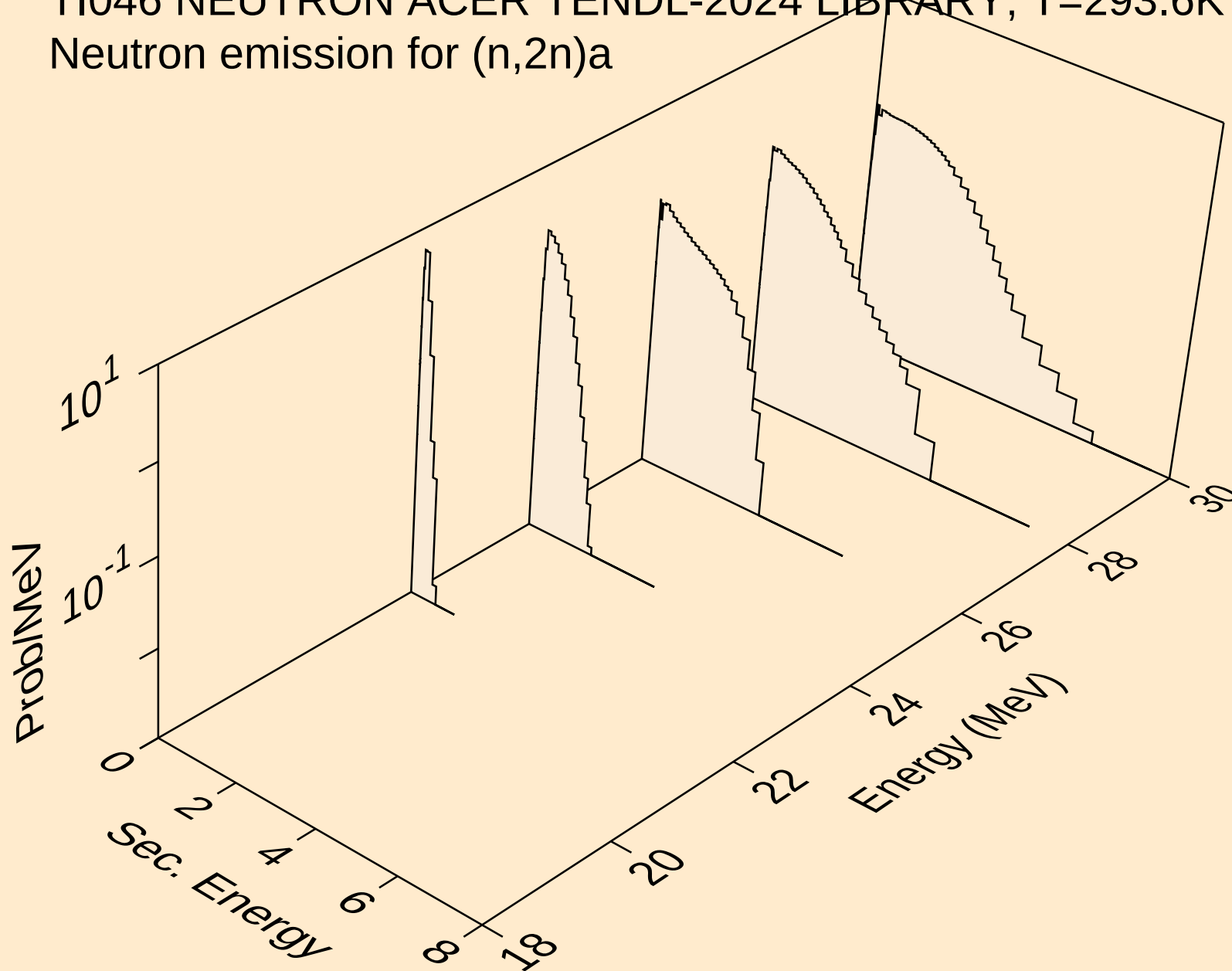




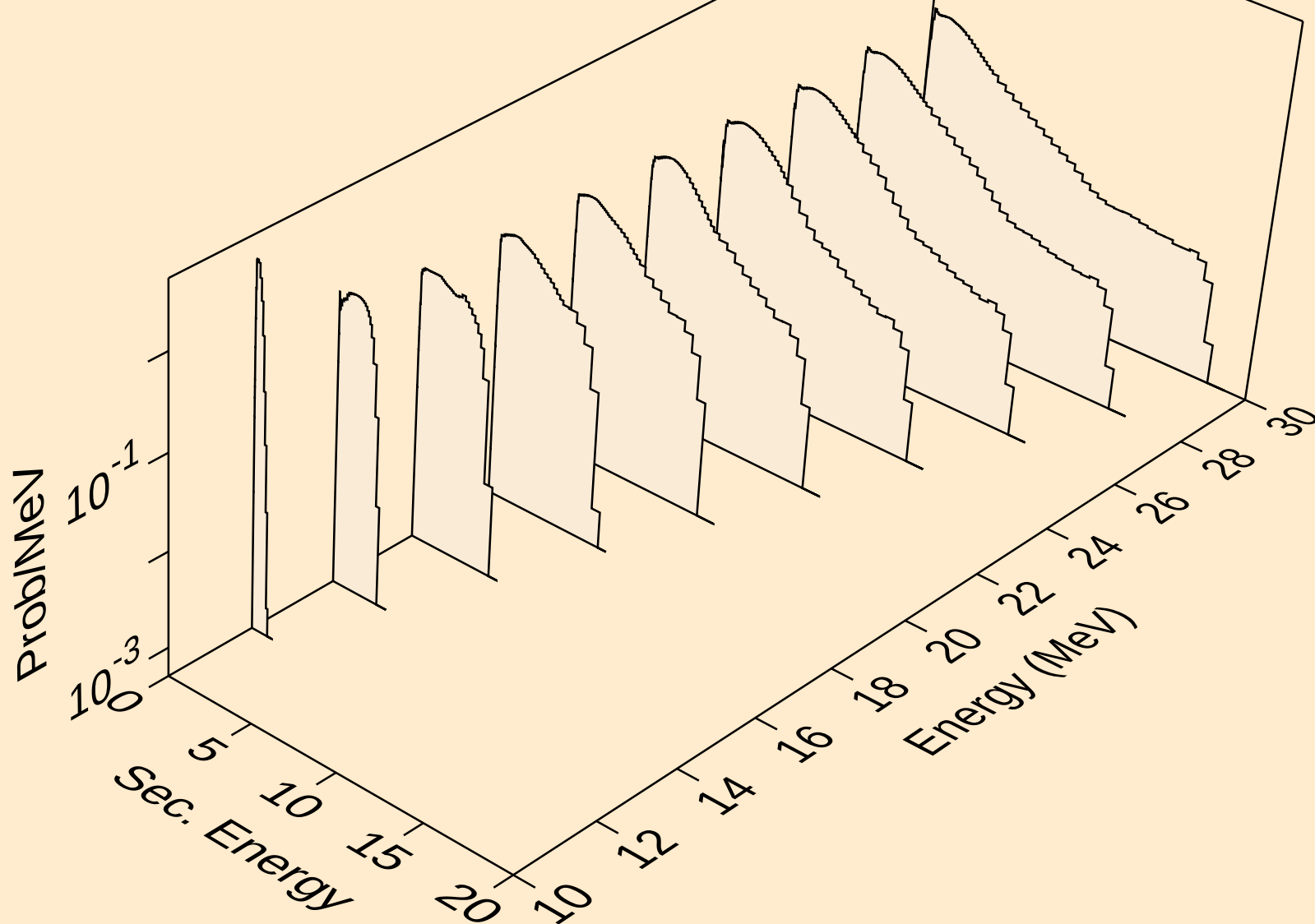
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



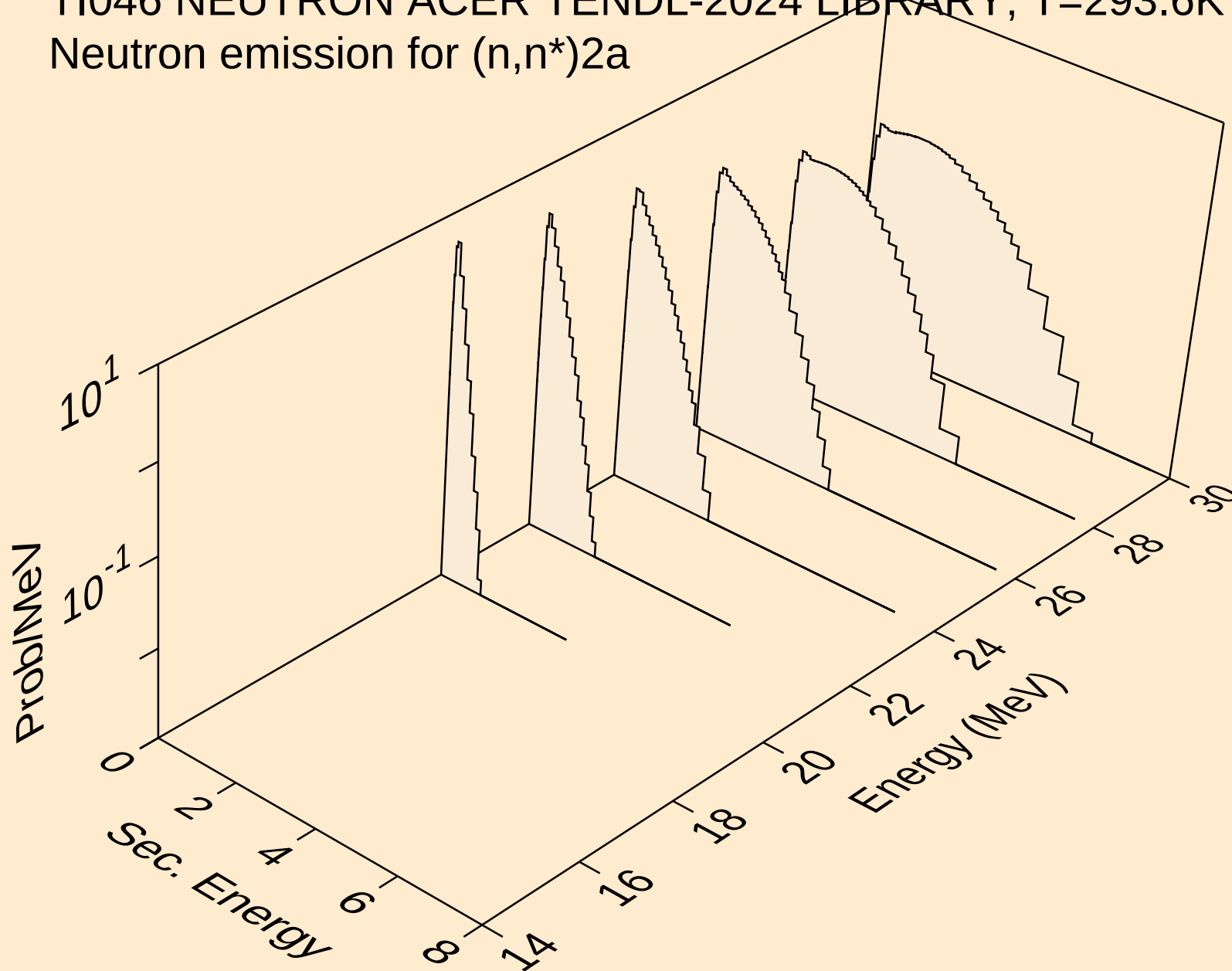
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



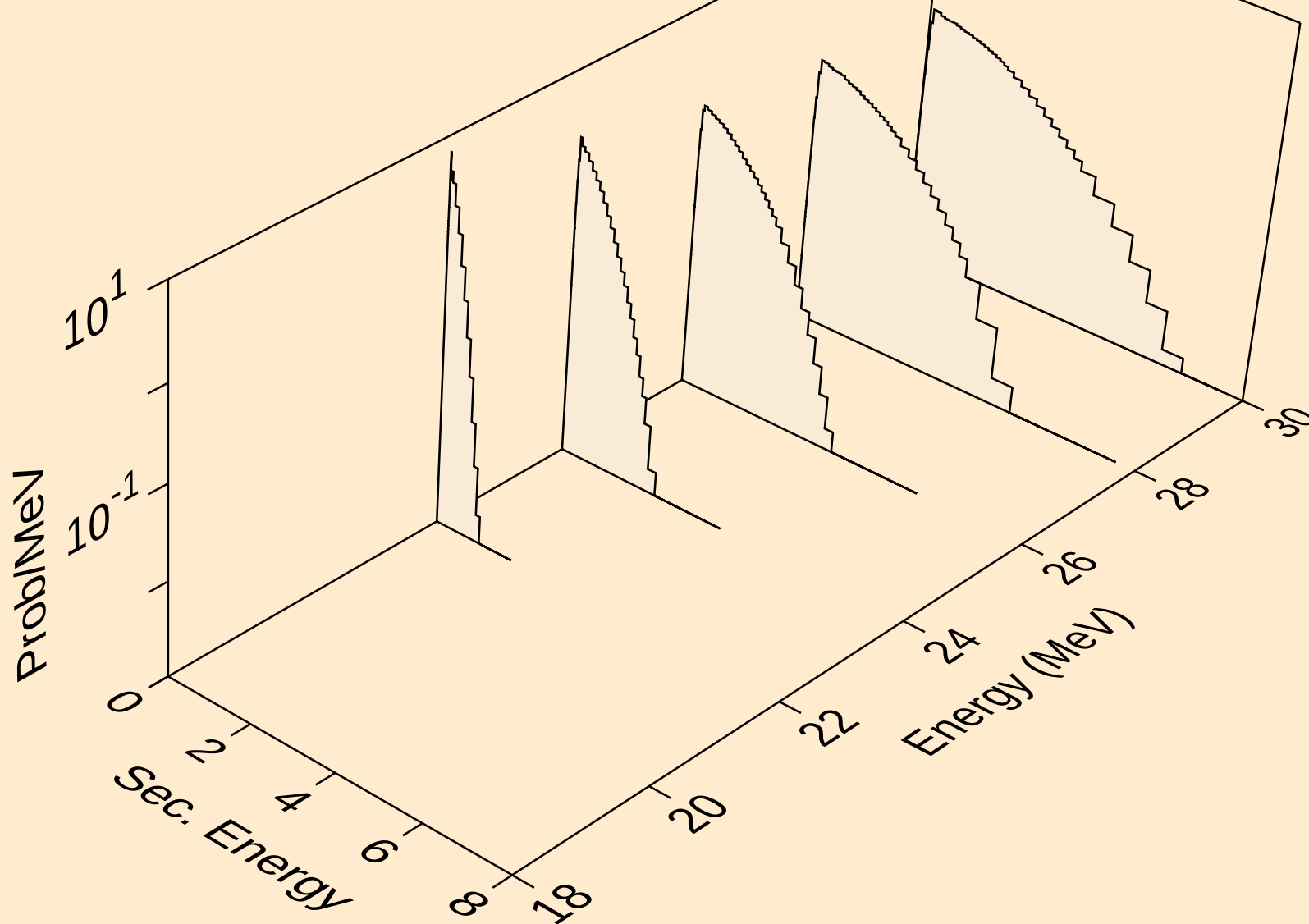
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



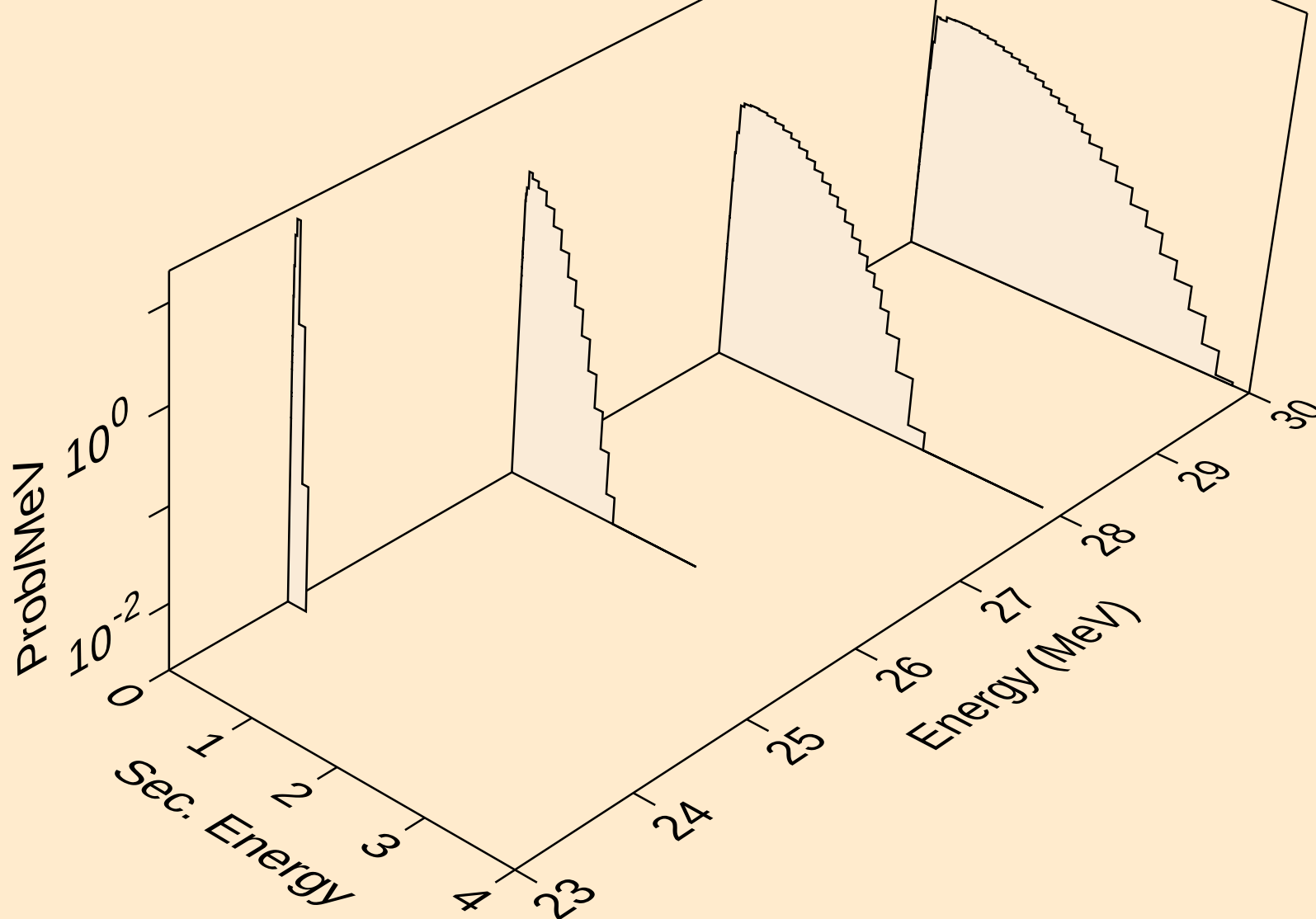
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



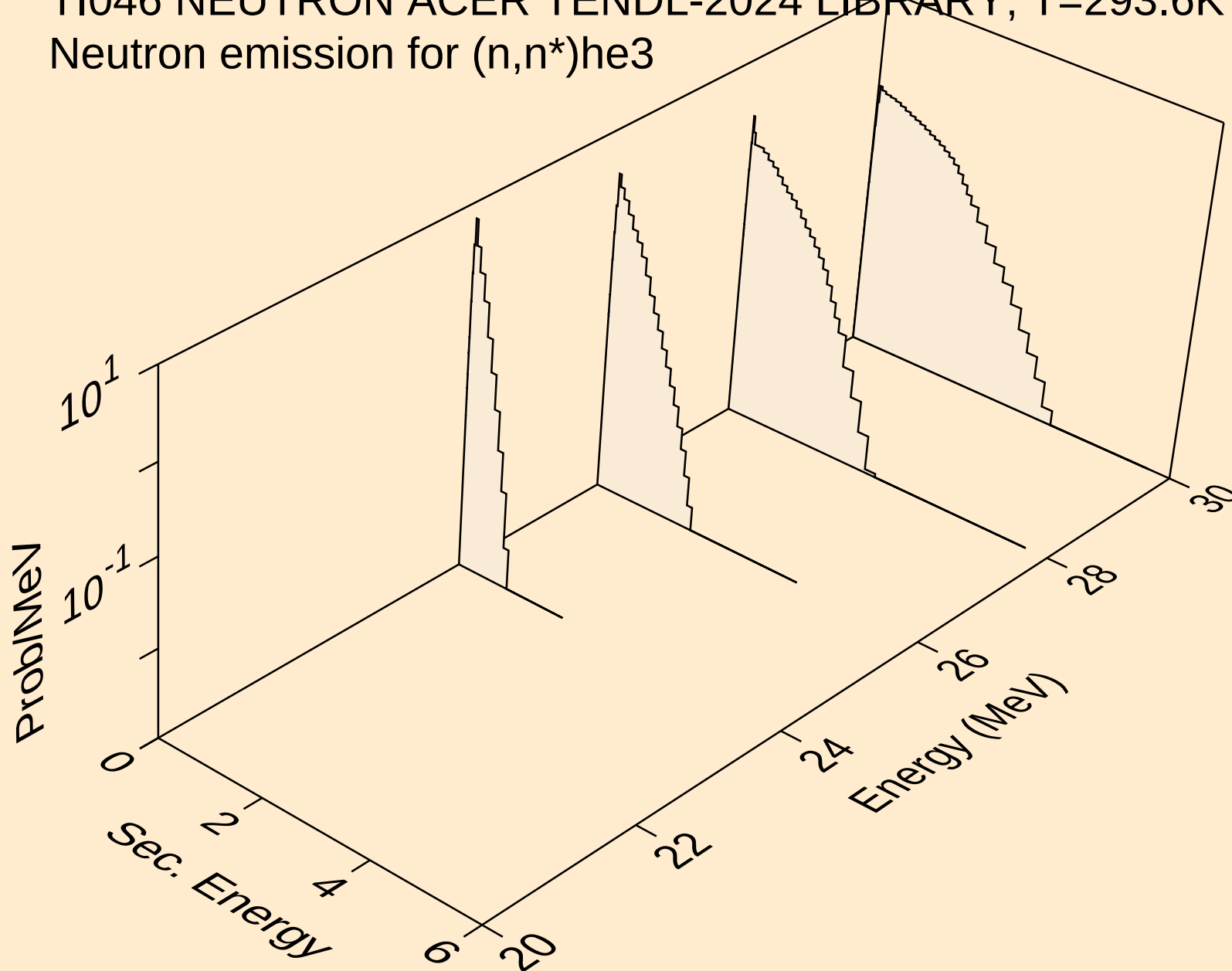
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



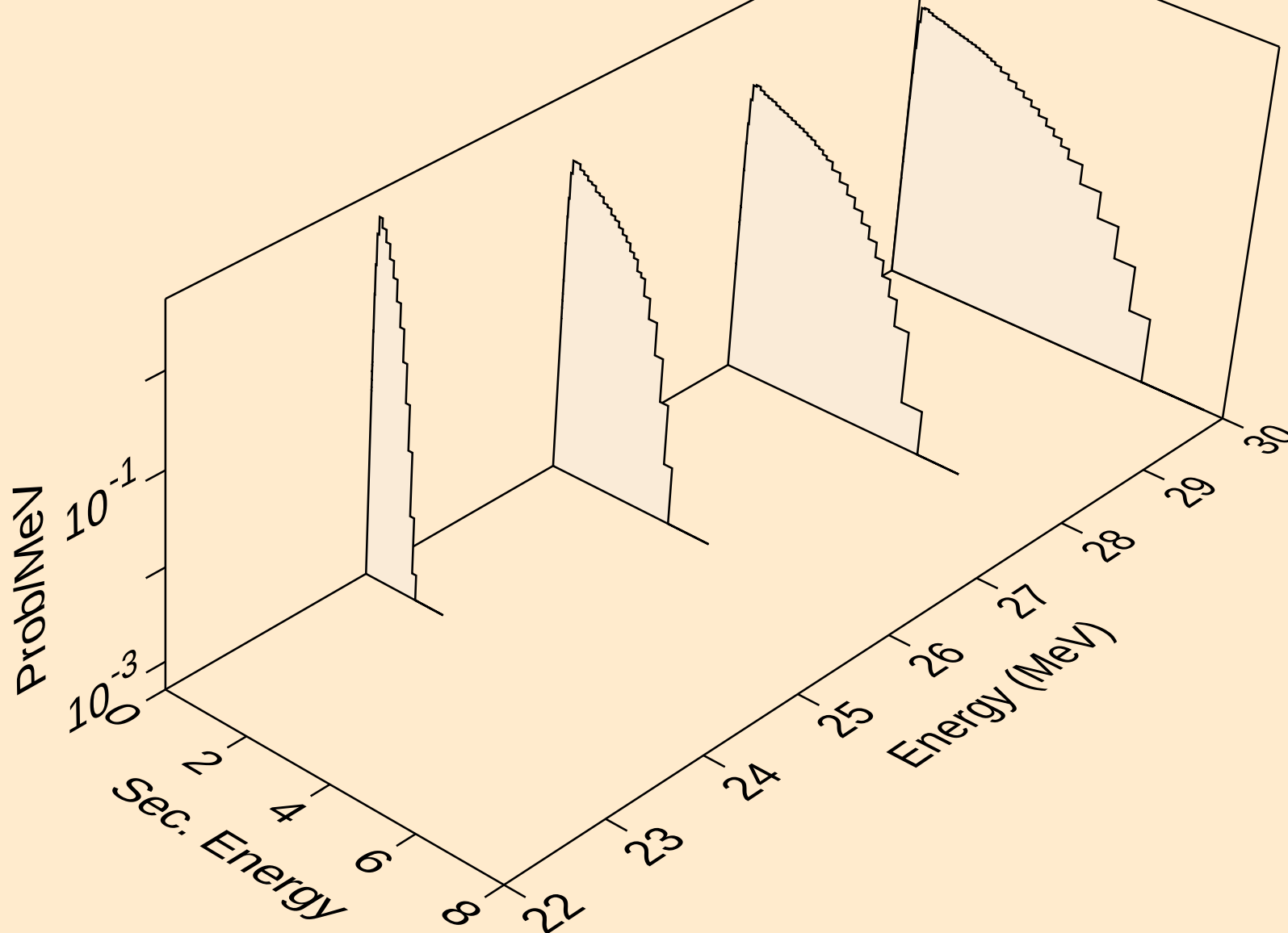
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

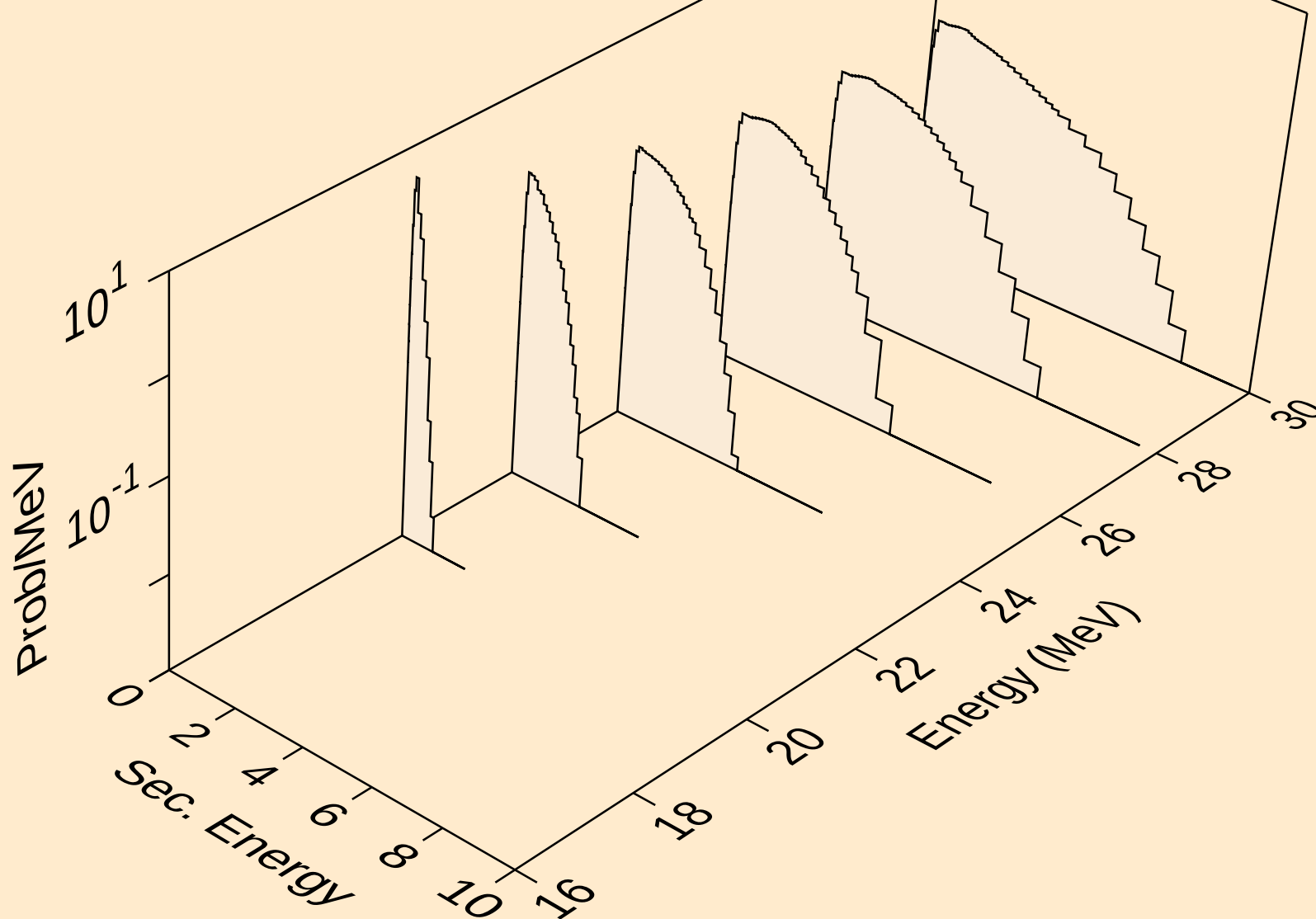


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

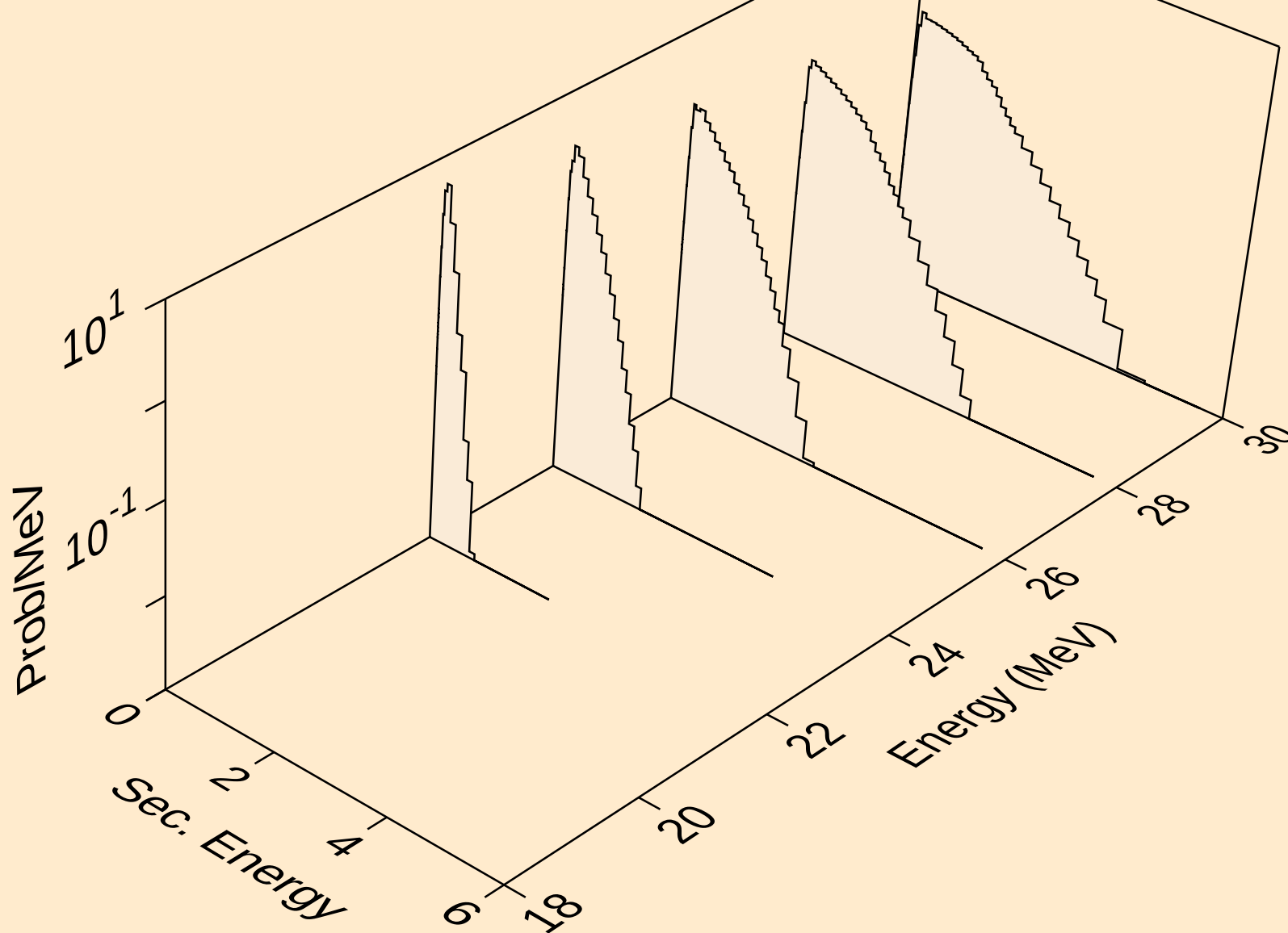




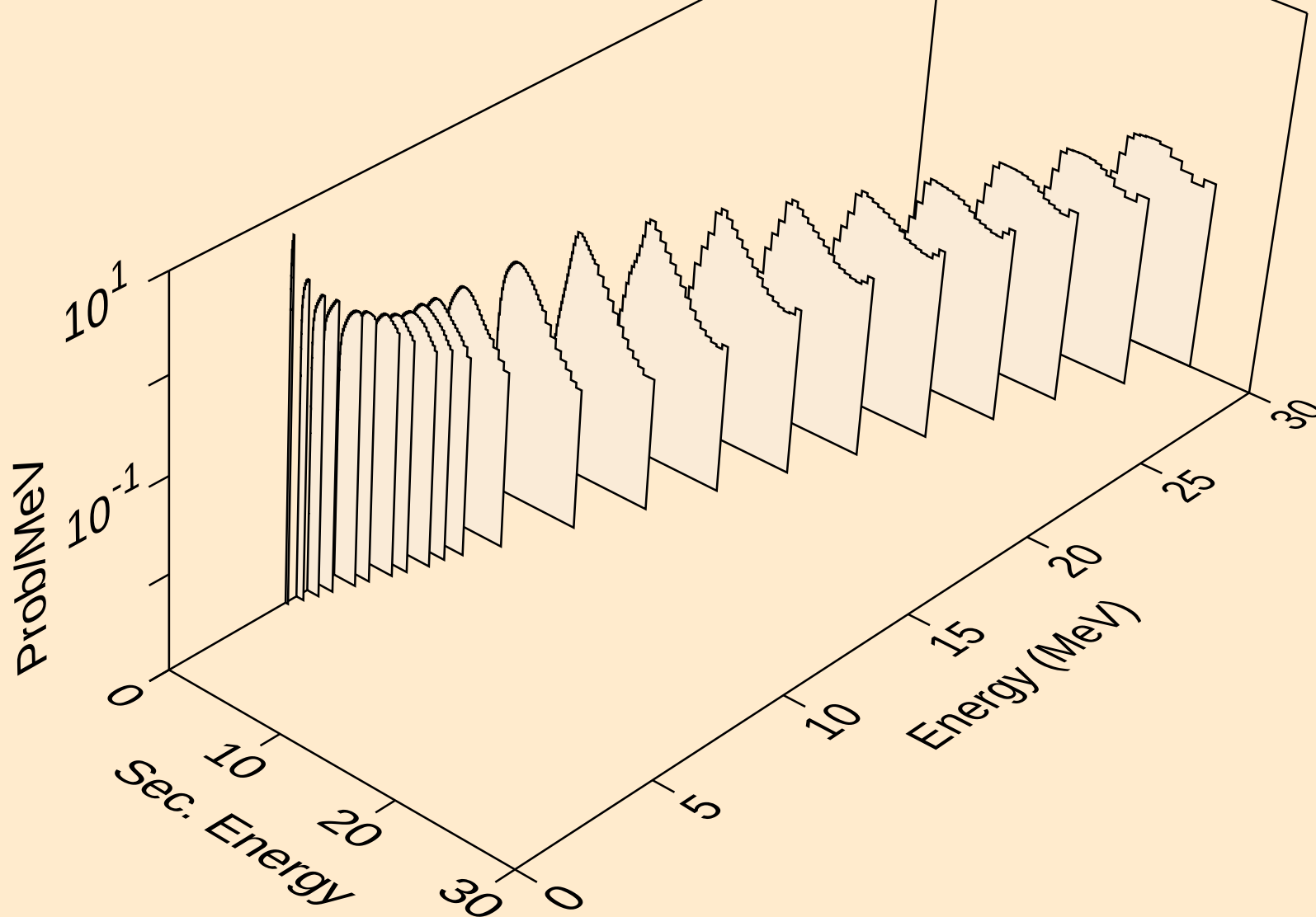
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



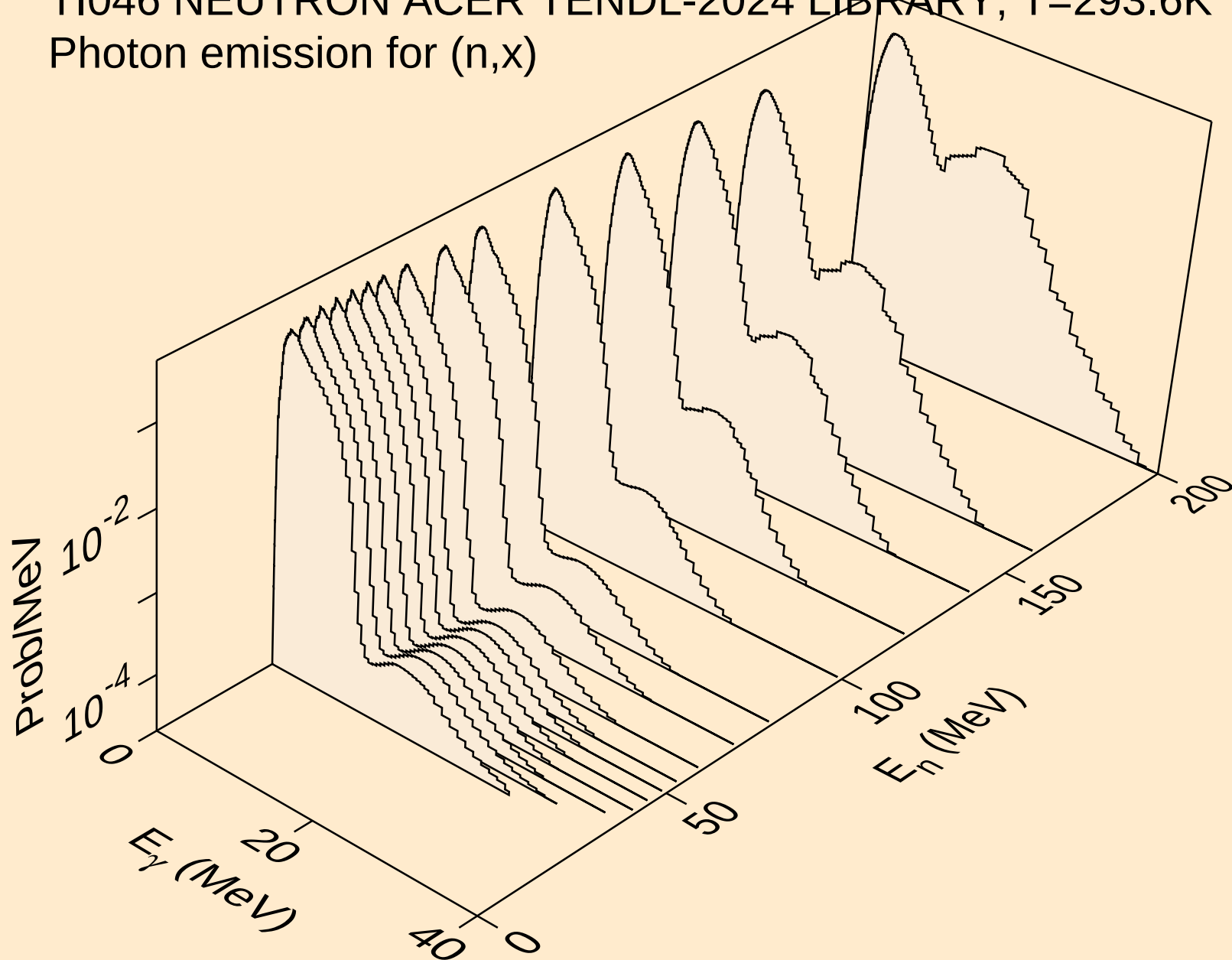
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



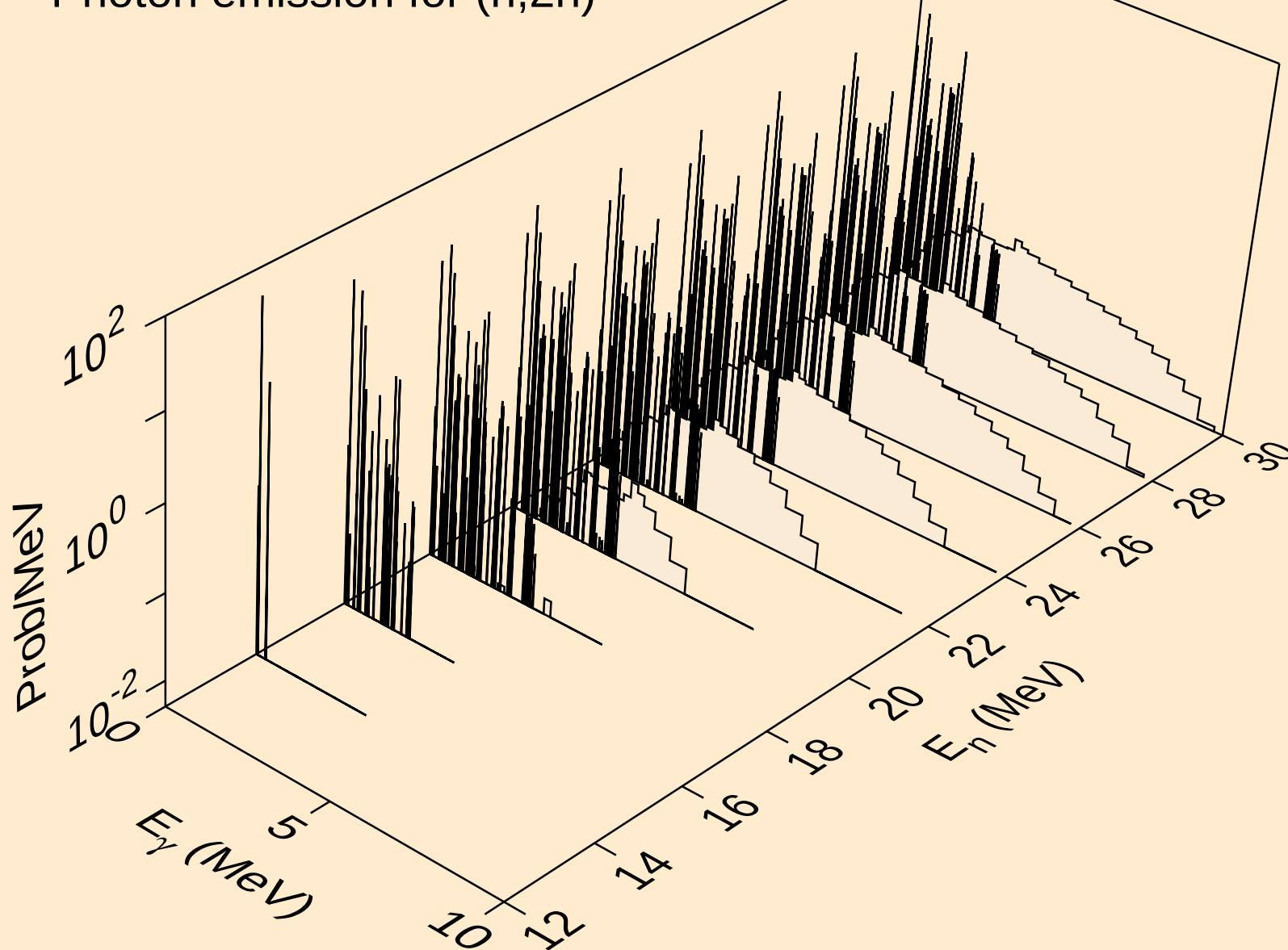
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



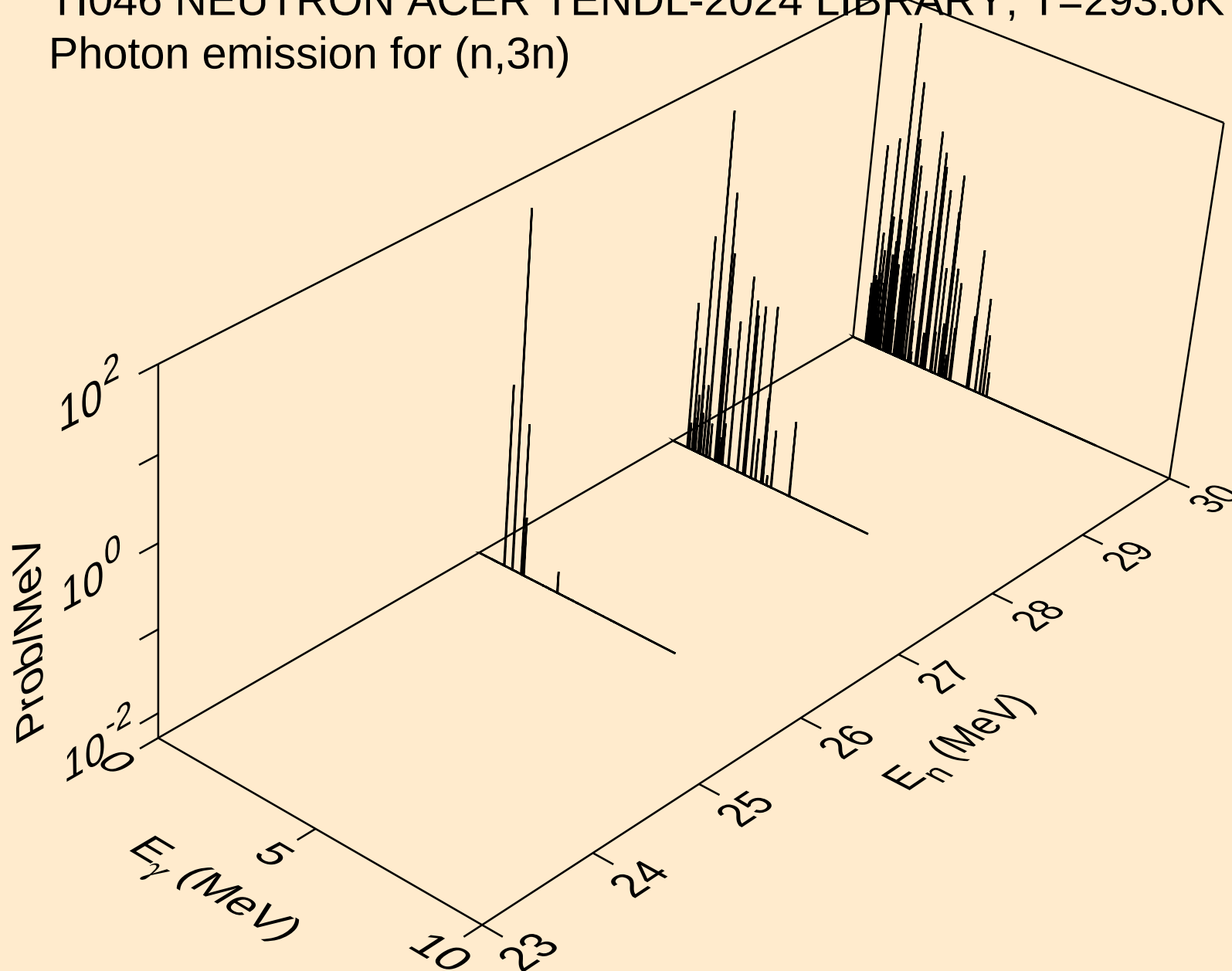
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



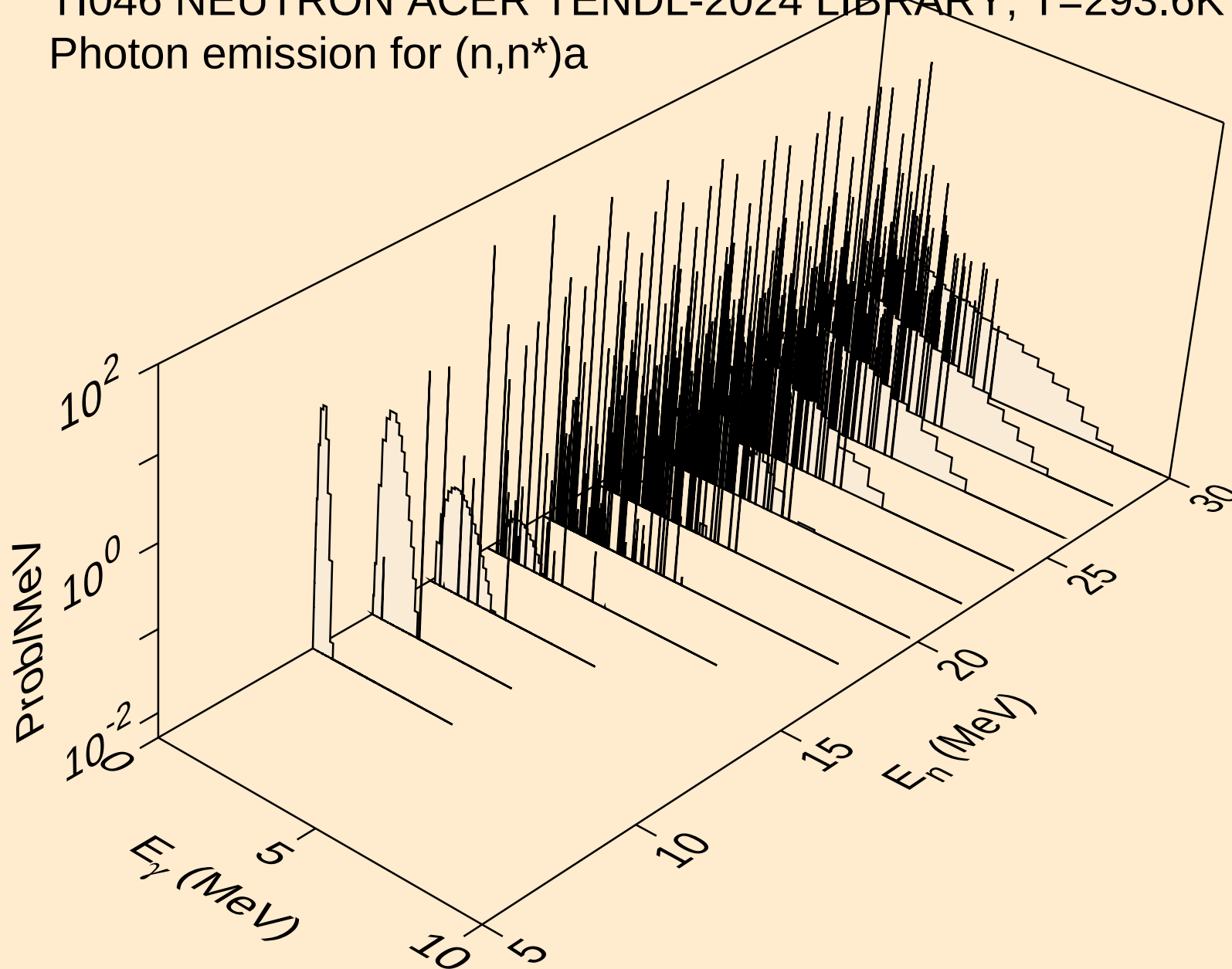
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



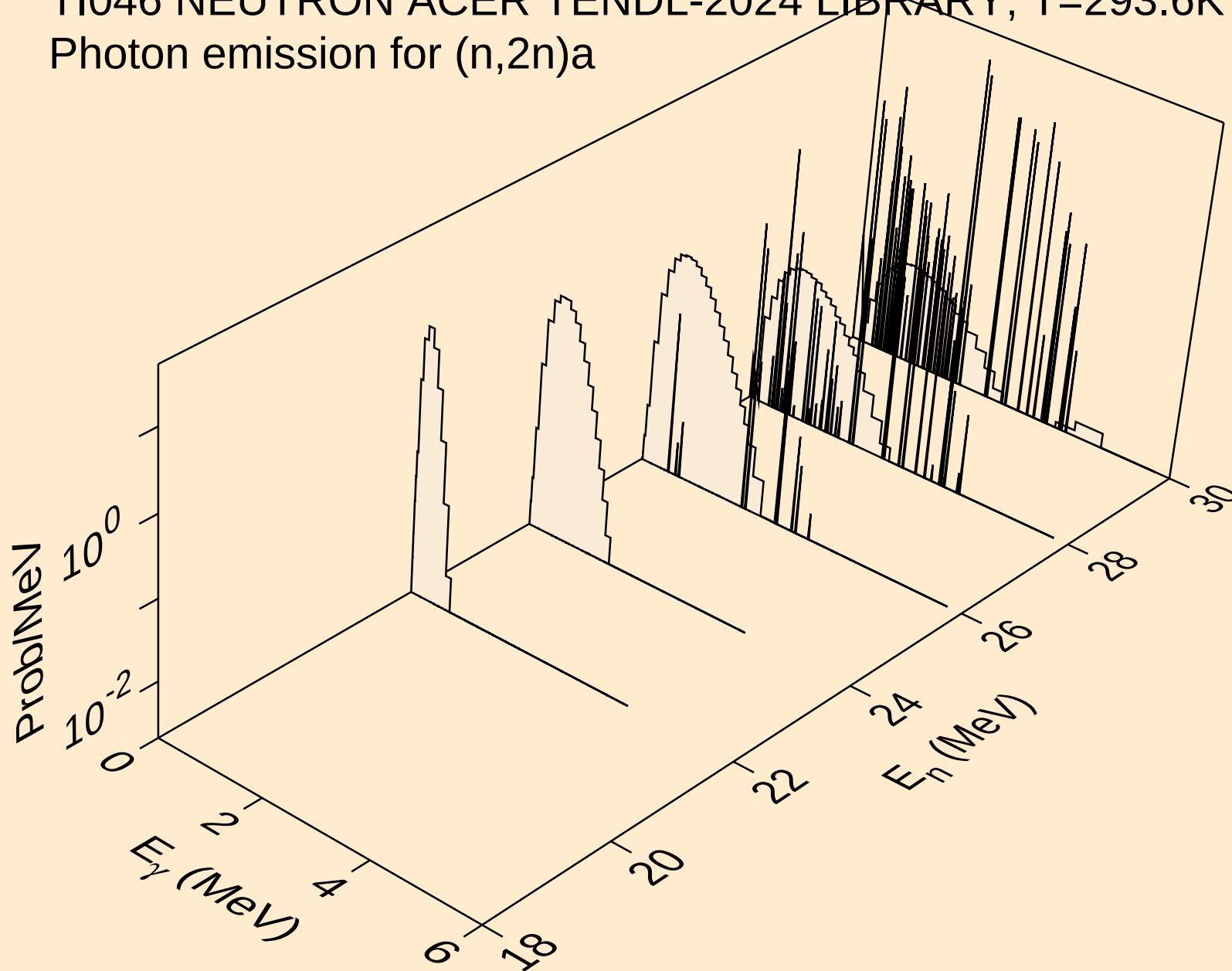
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

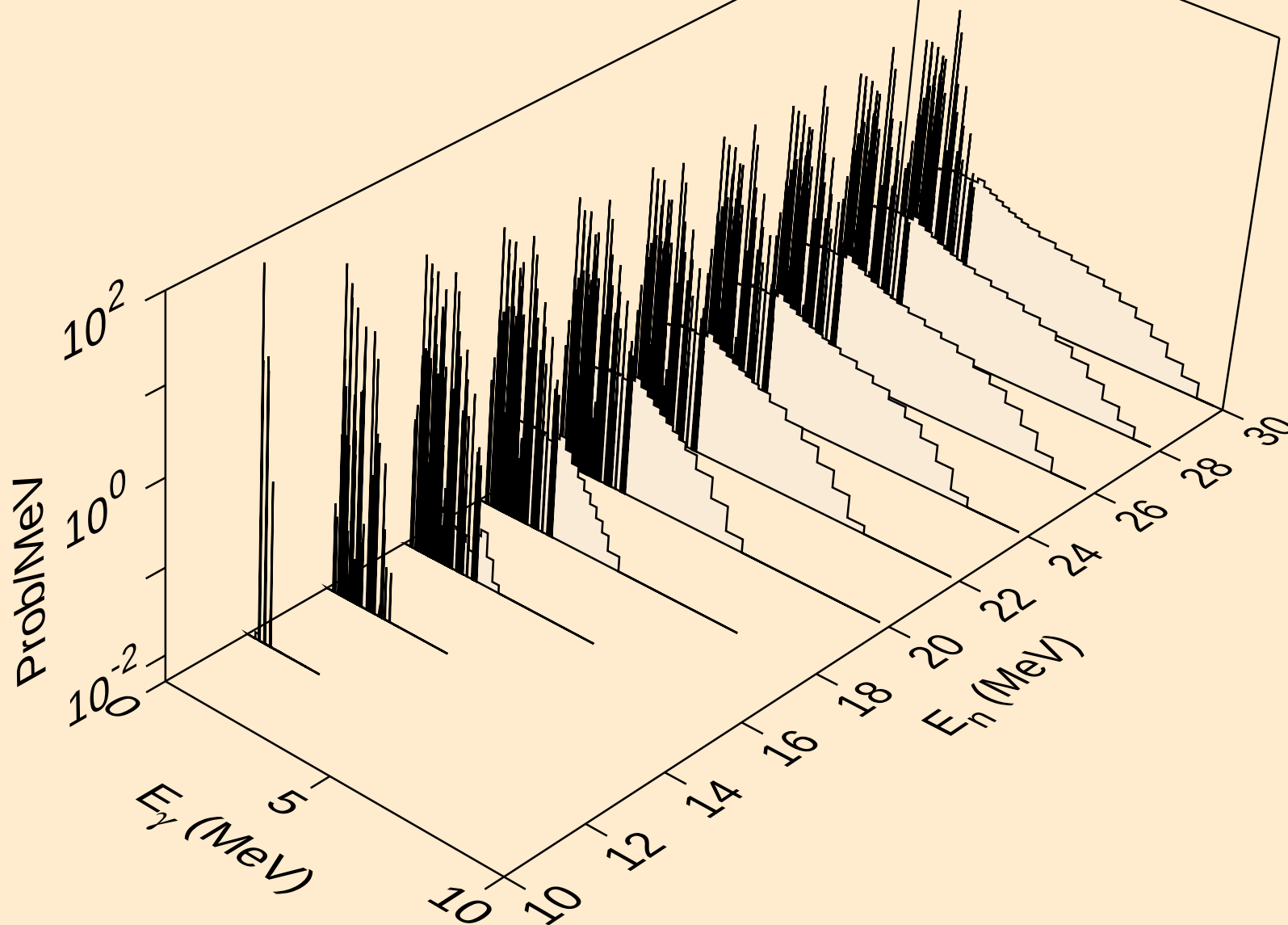


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

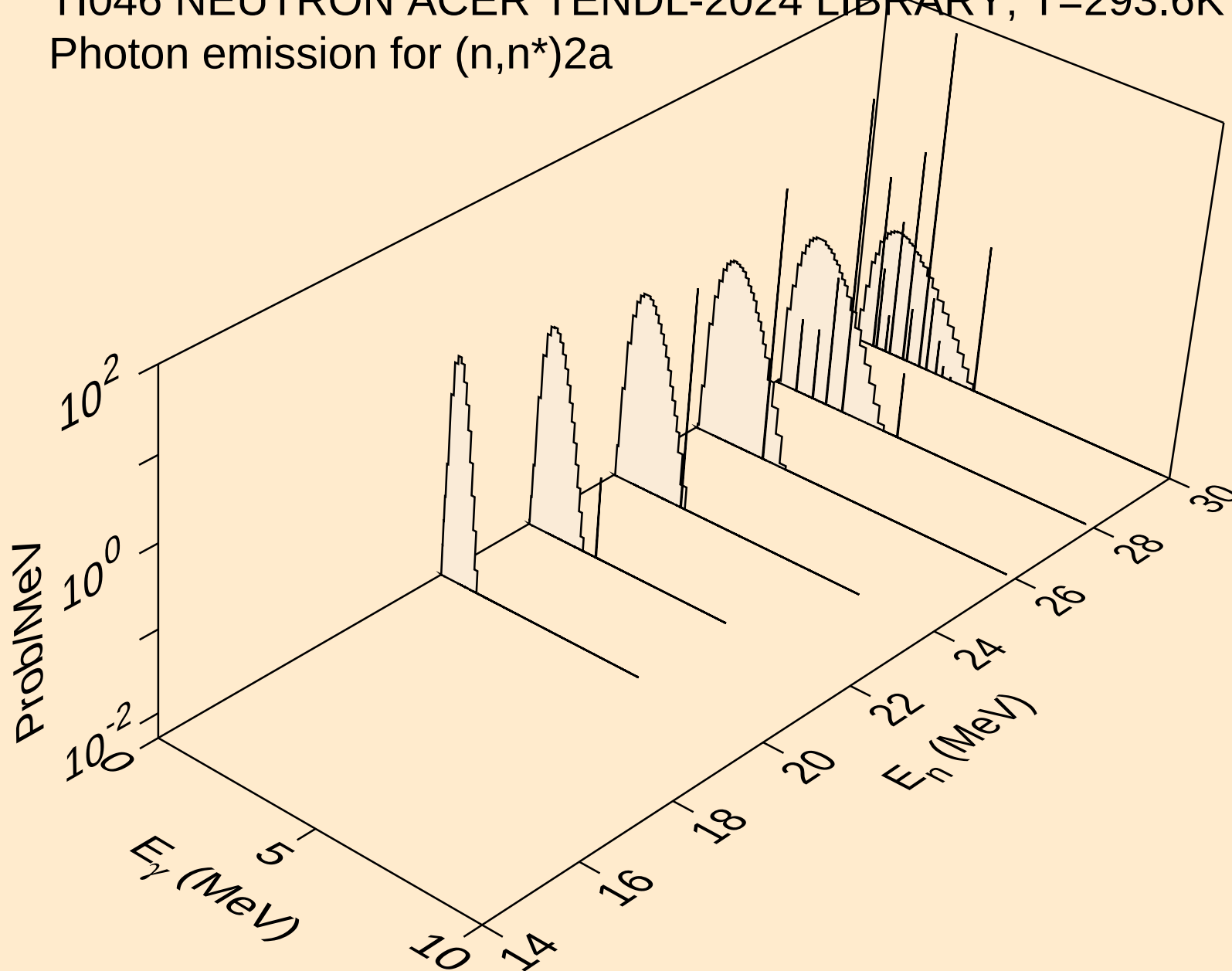




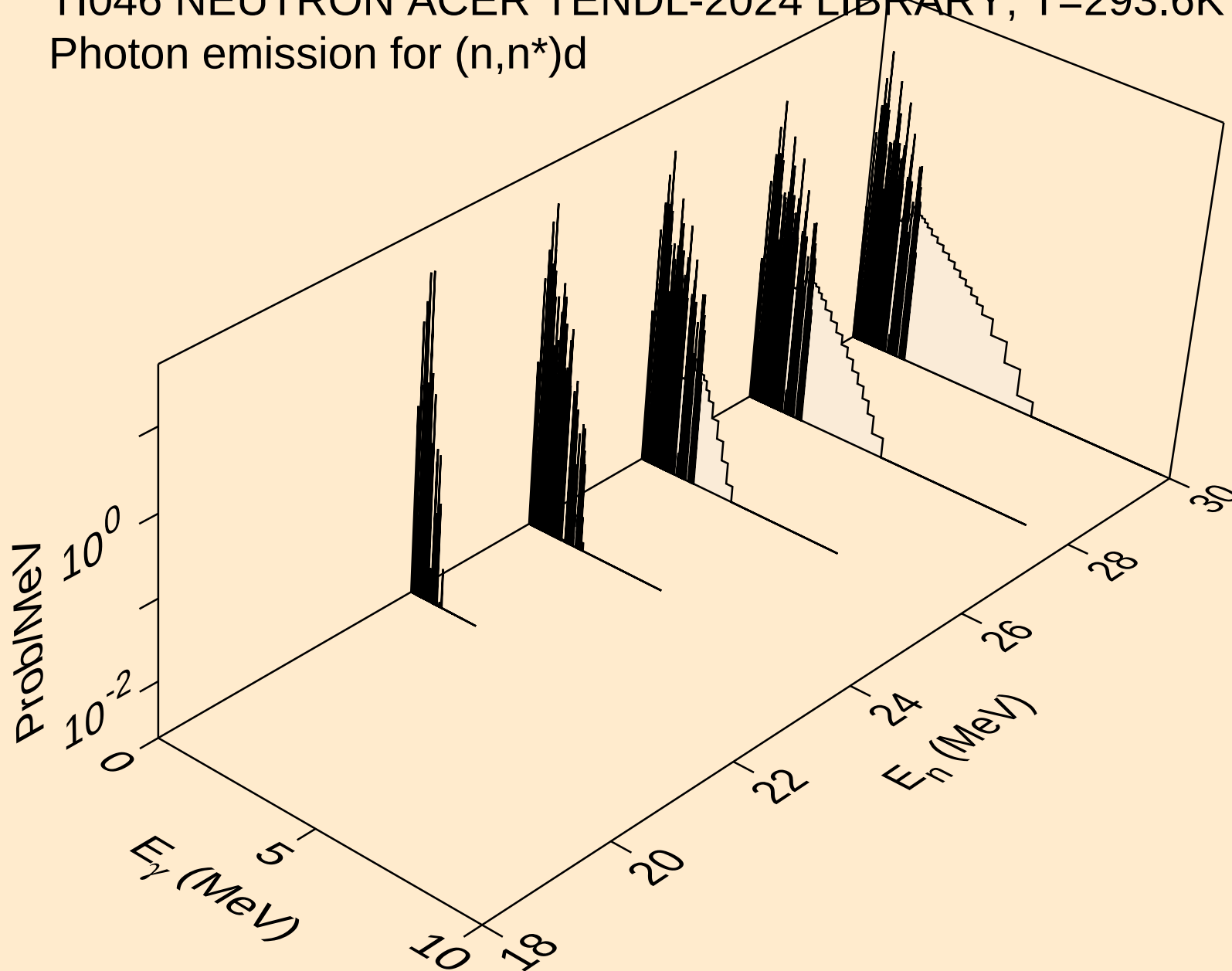
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



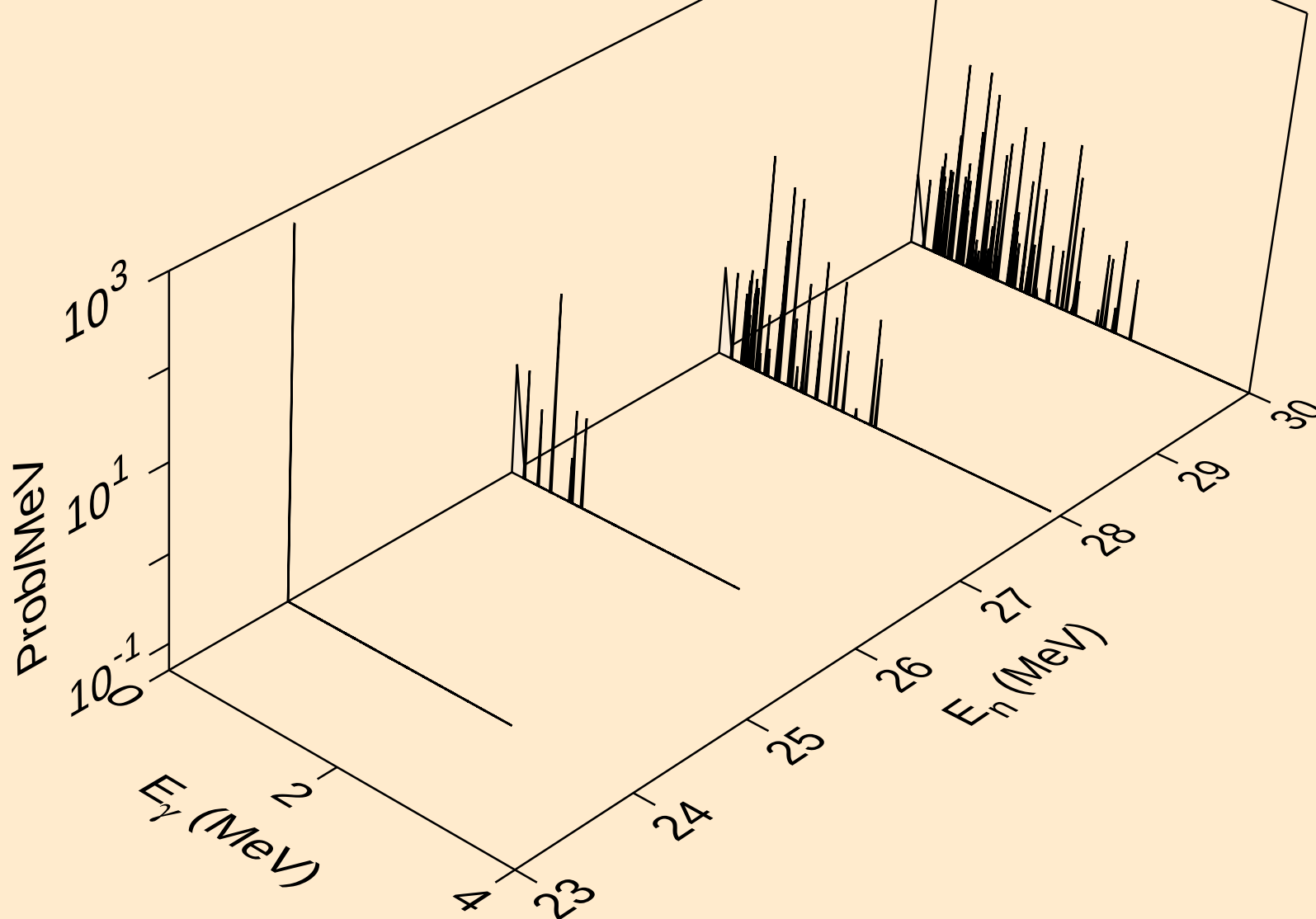
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



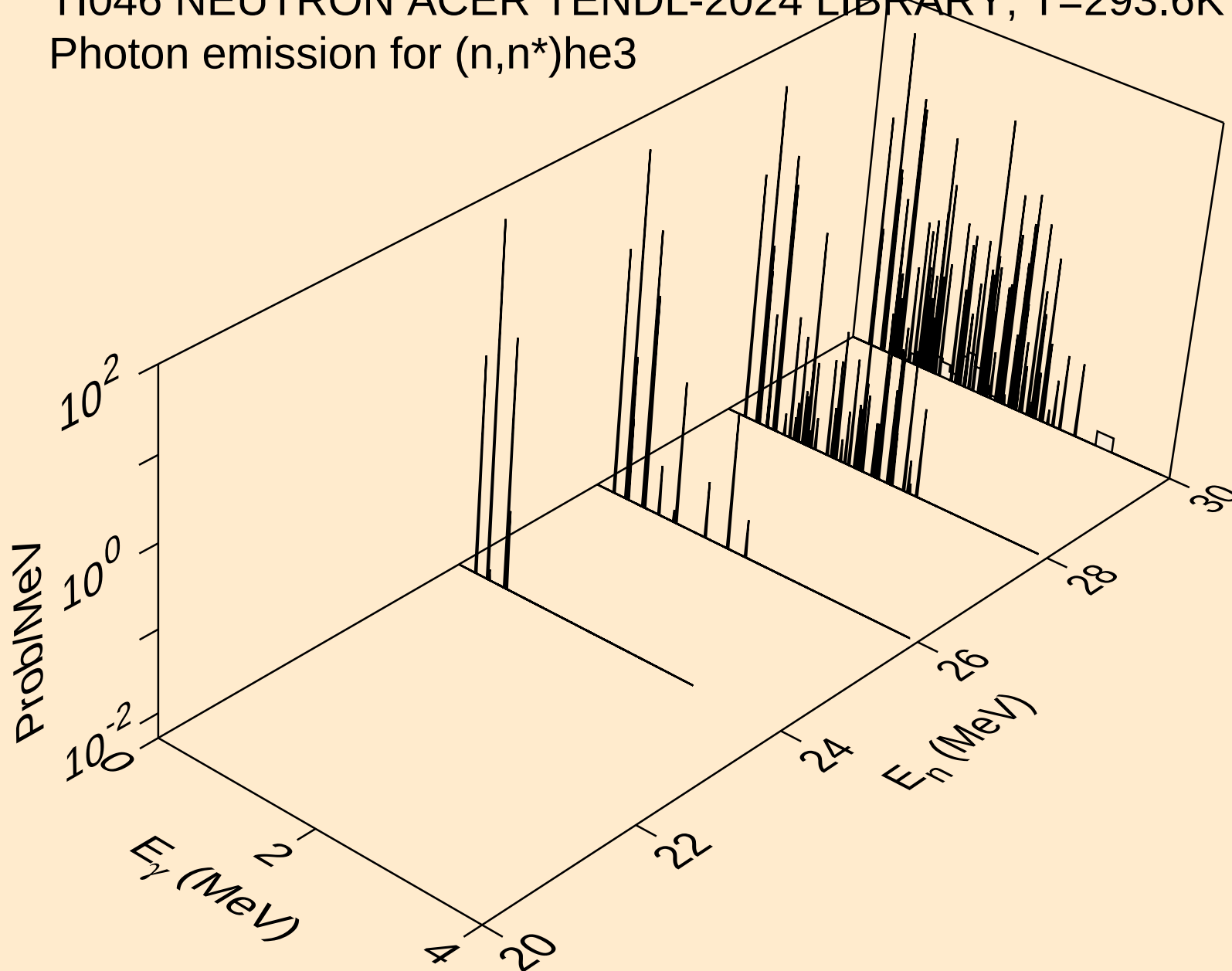
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



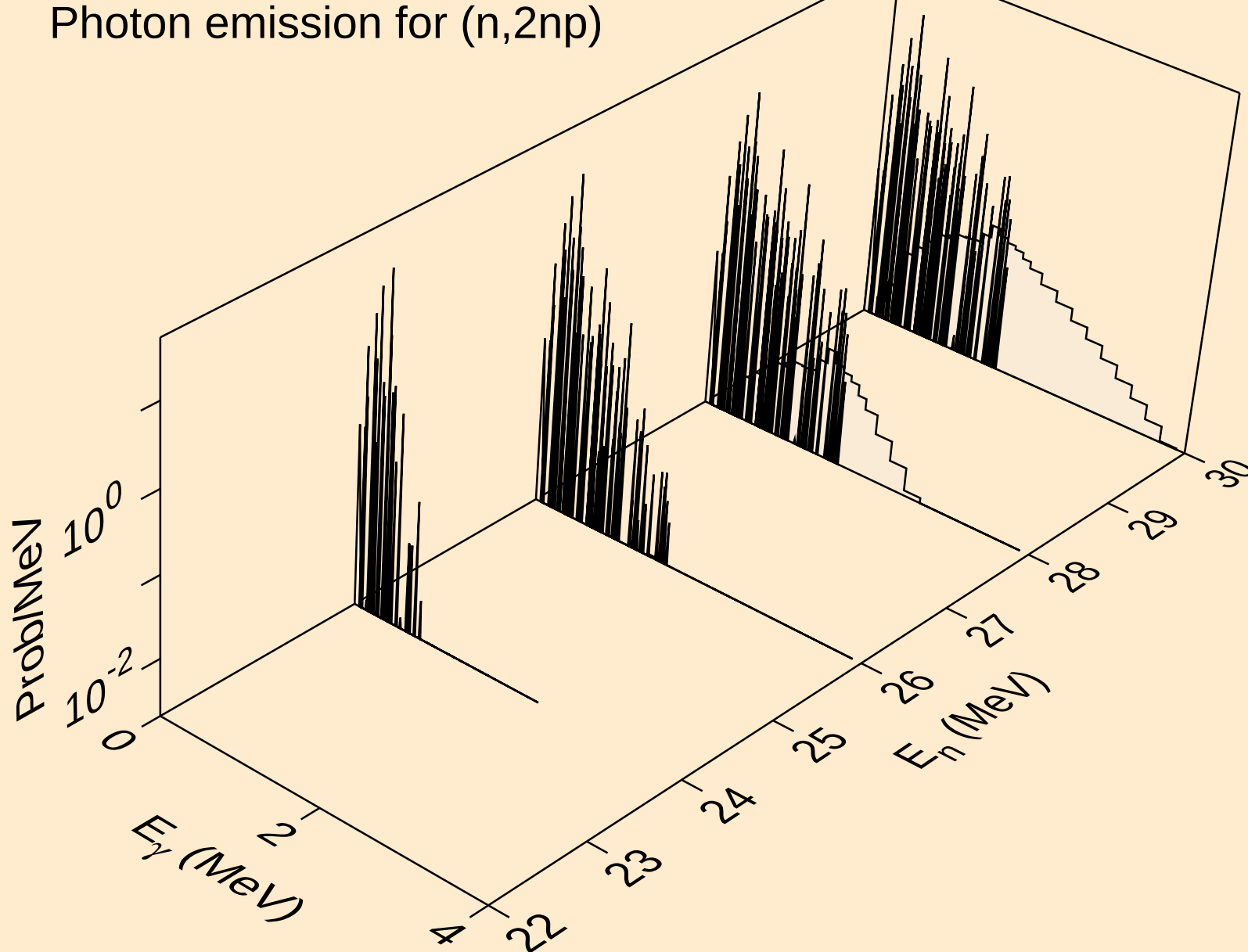
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Photon emission for (n,n\*)t



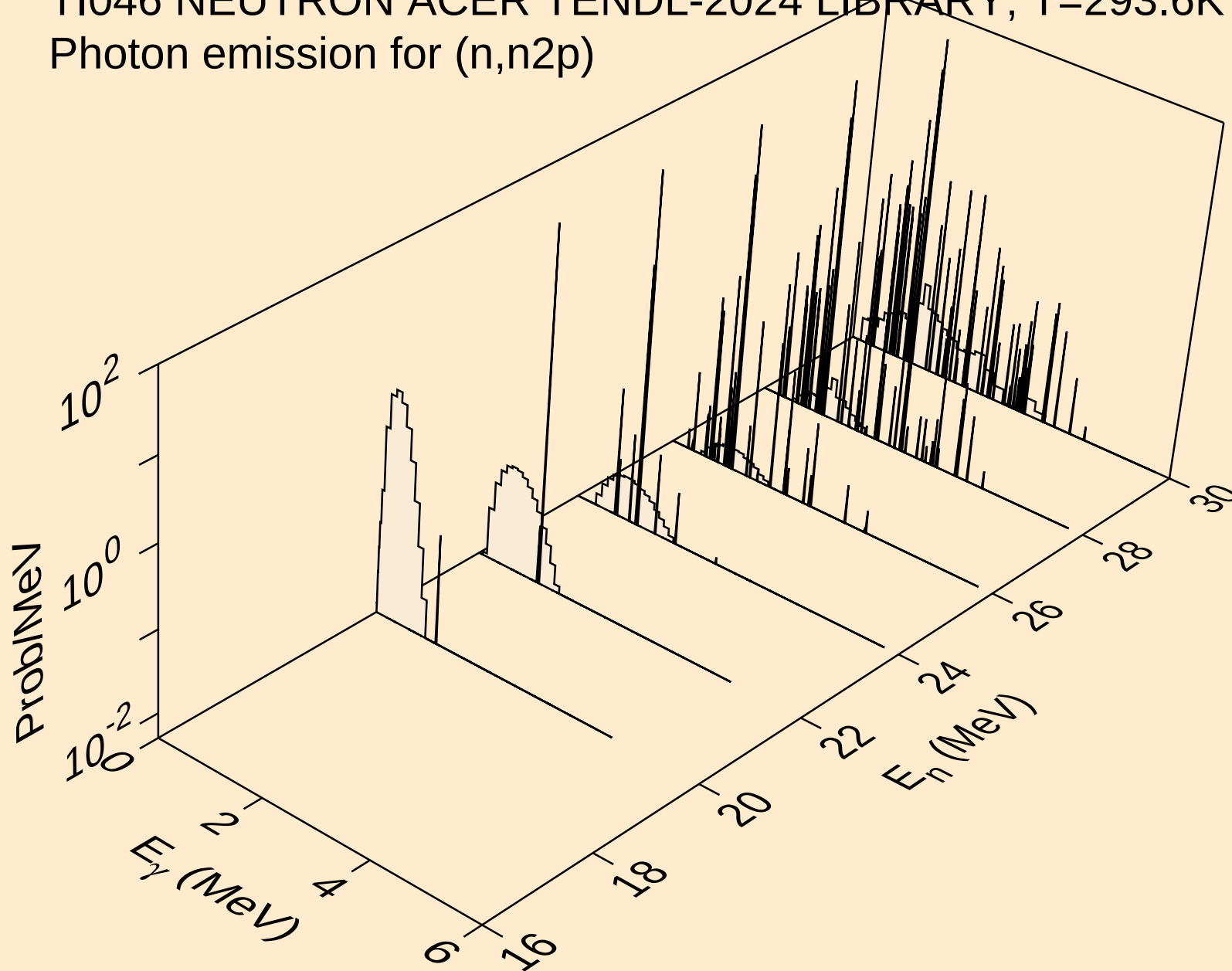
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



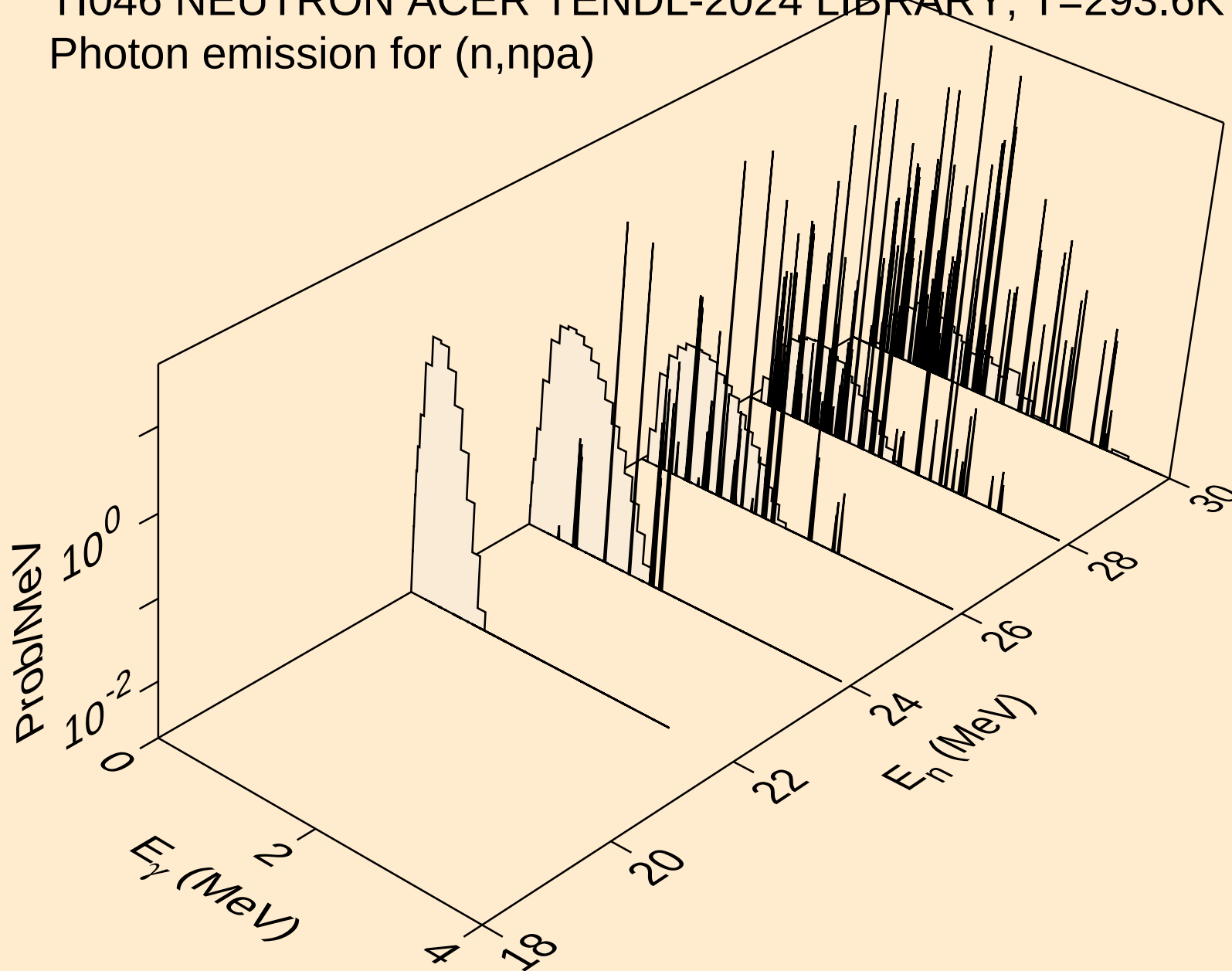
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)

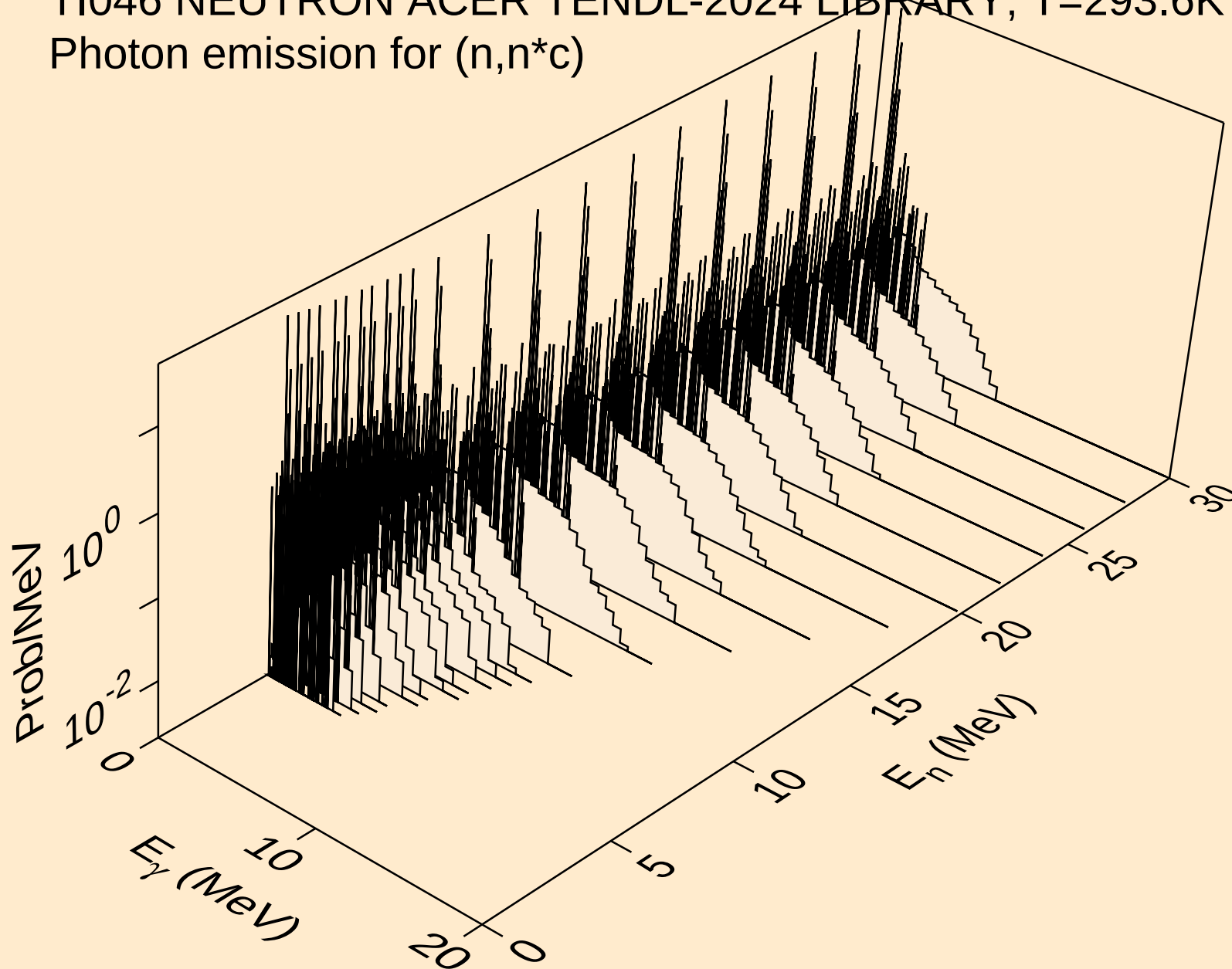


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)

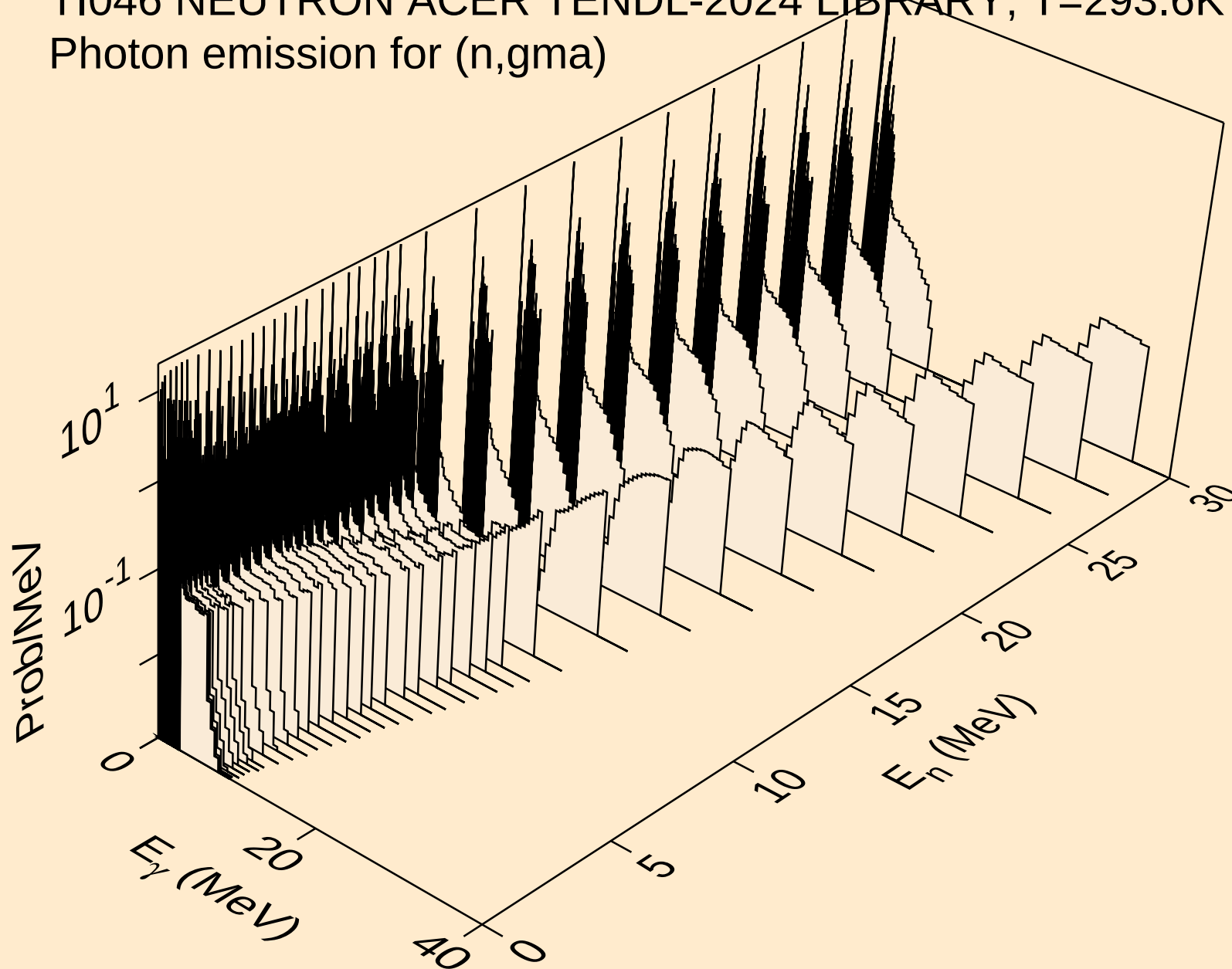




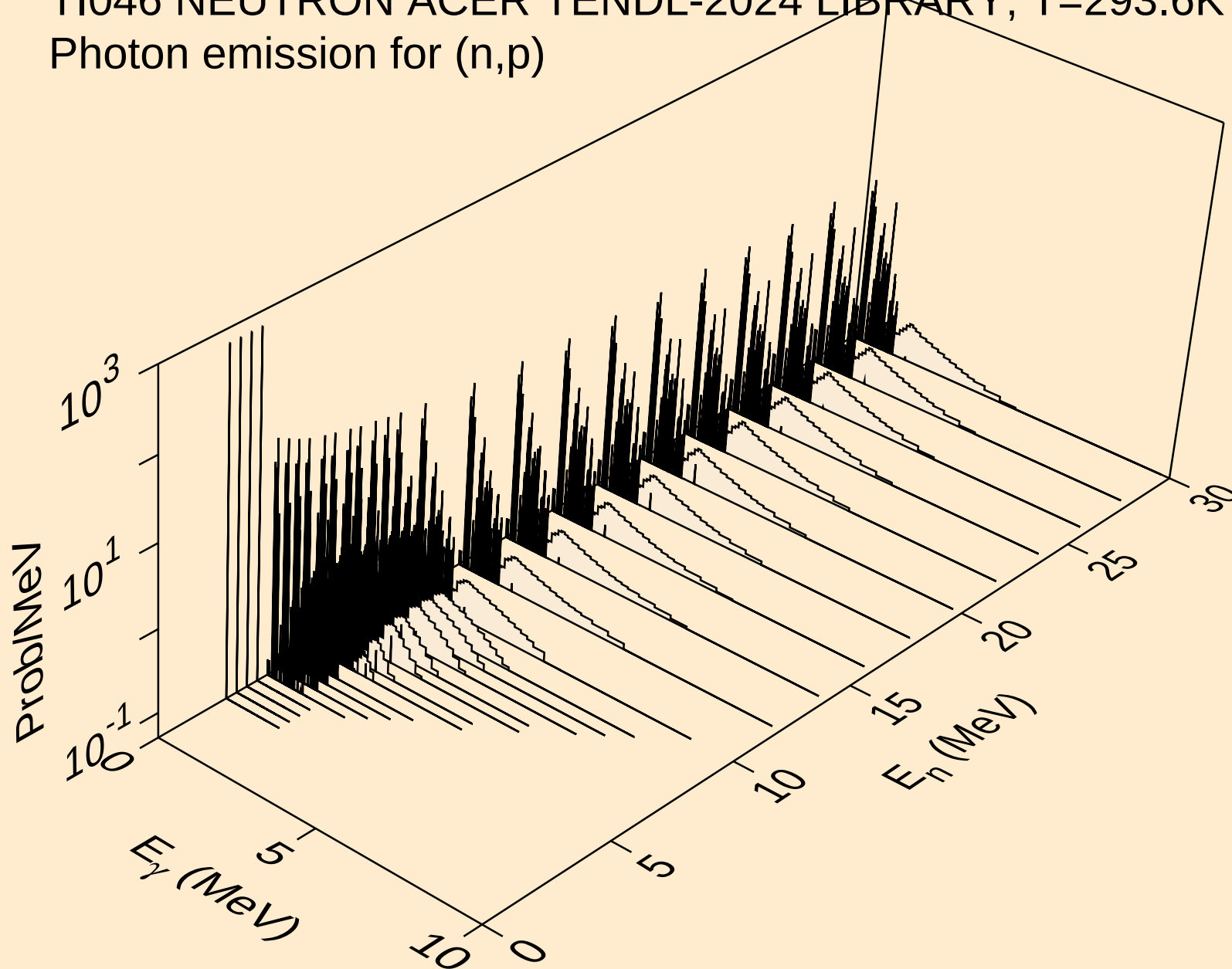
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



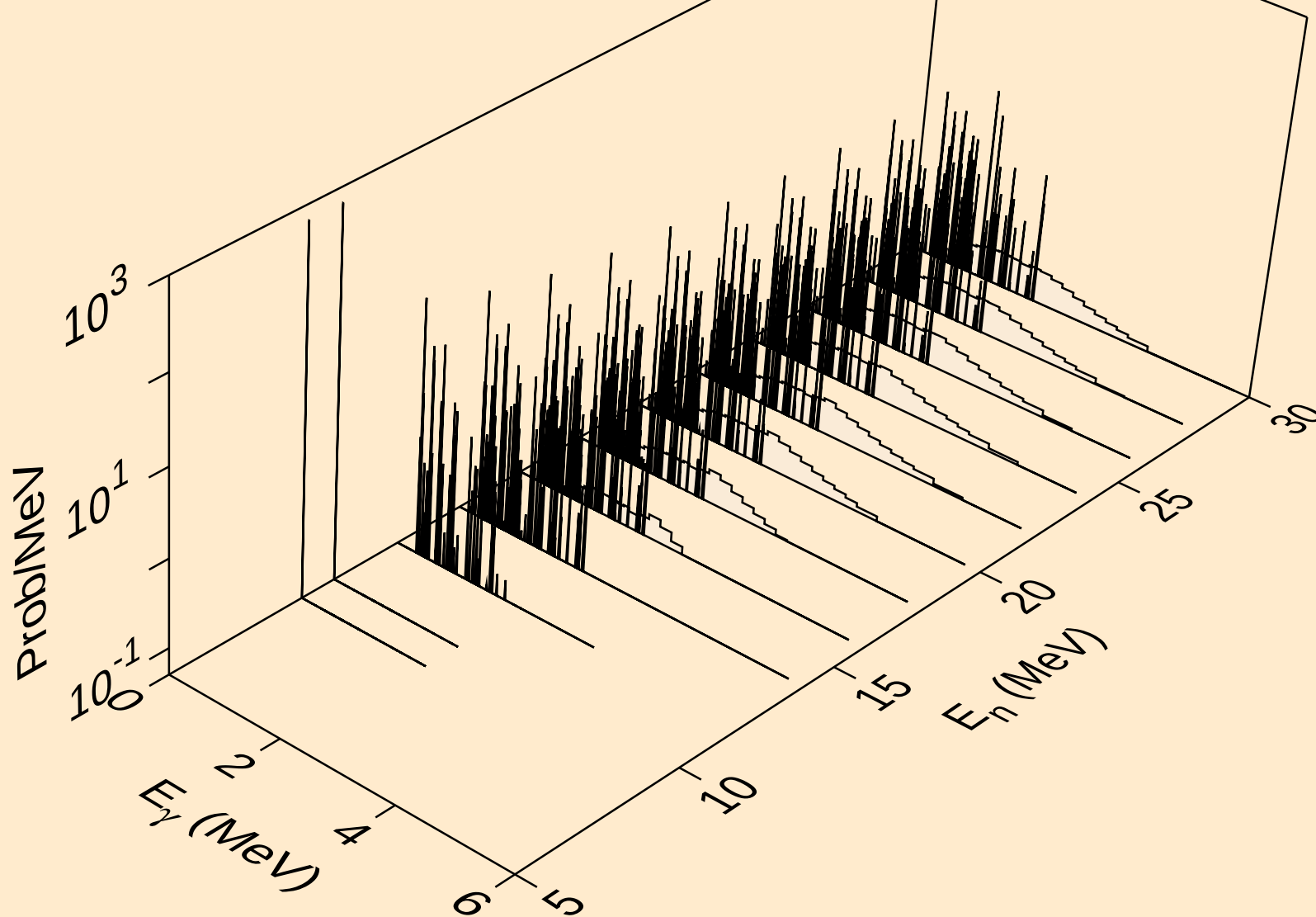
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Photon emission for (n,gma)



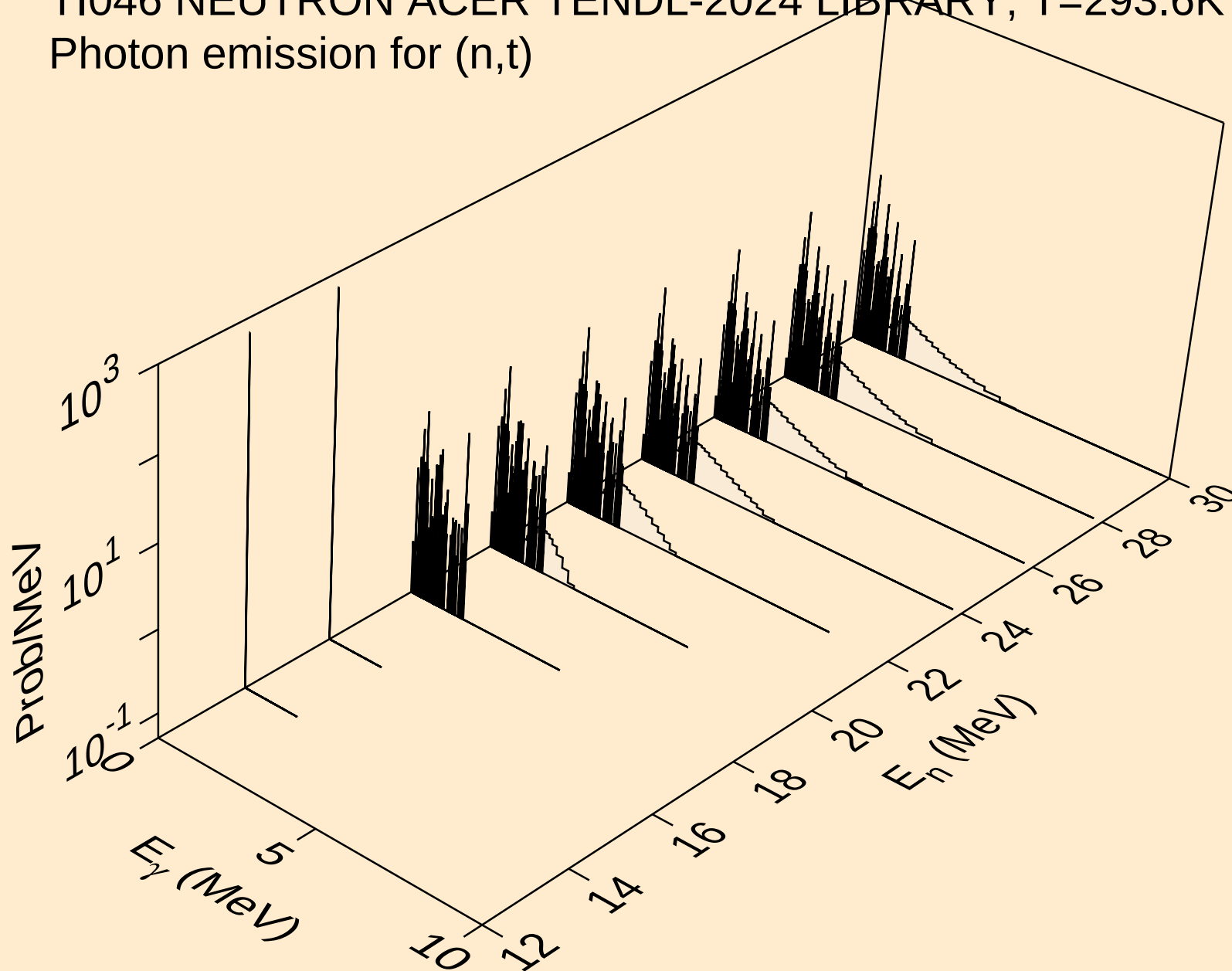
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Photon emission for (n,p)



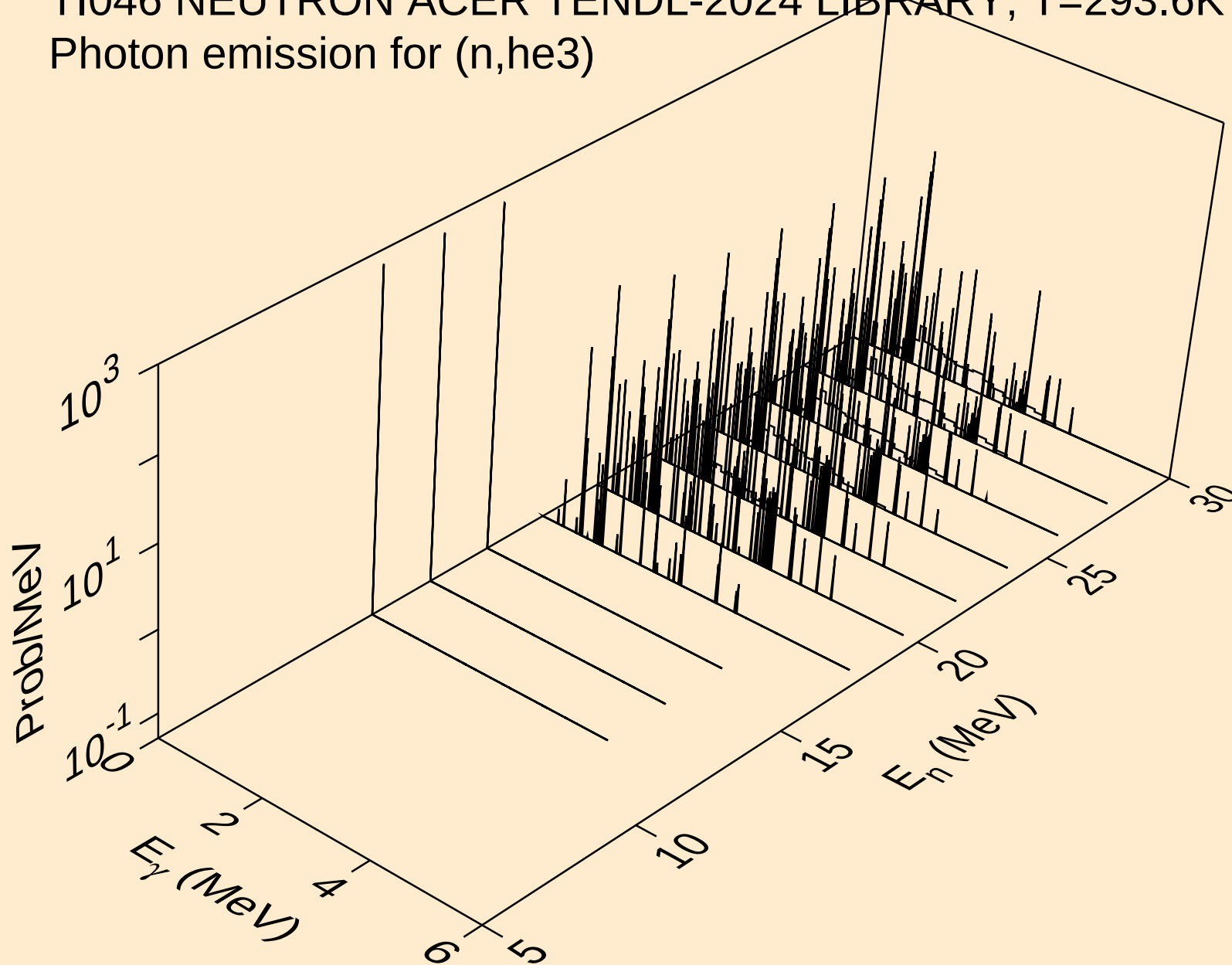
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Photon emission for (n,d)



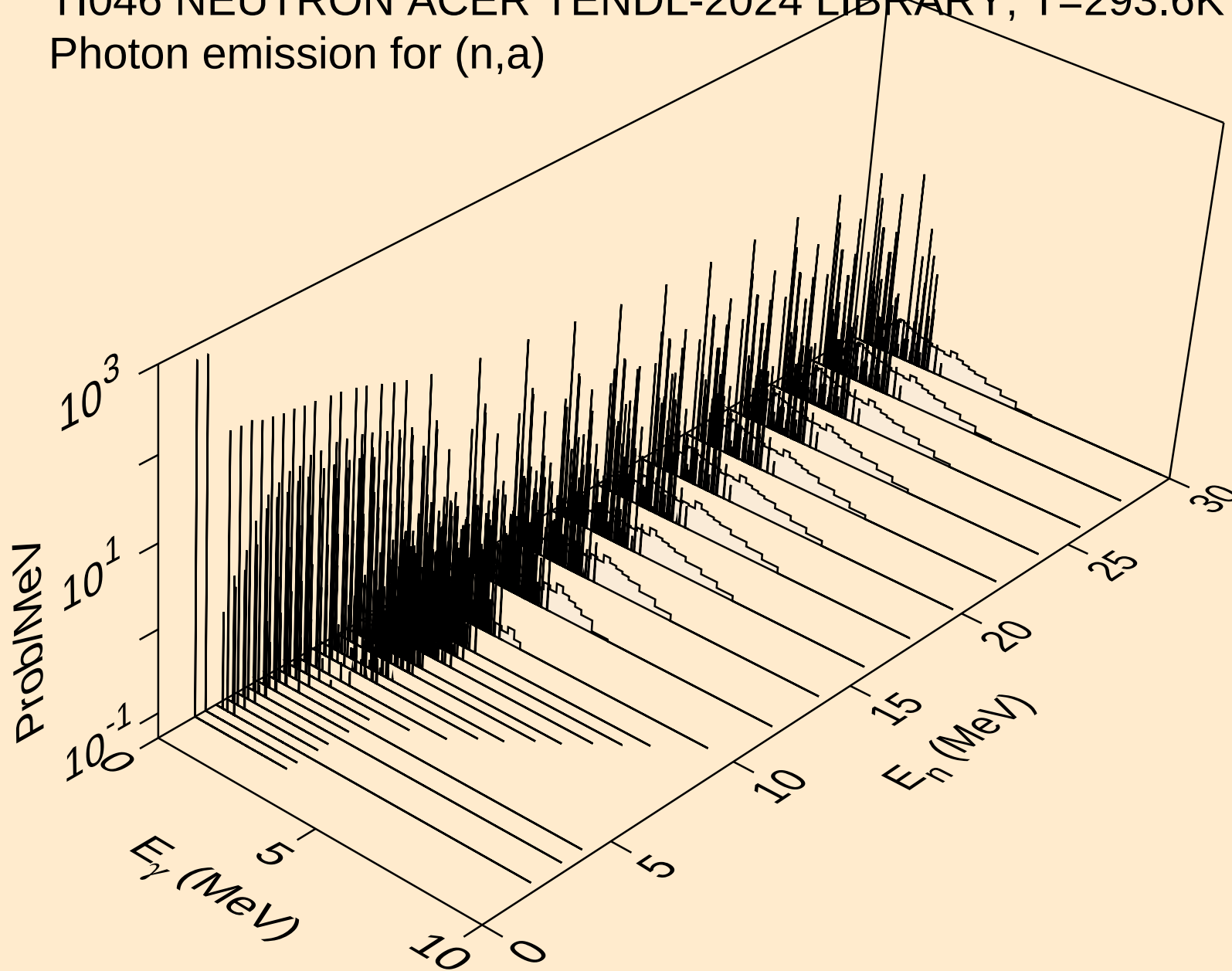
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Photon emission for (n,t)



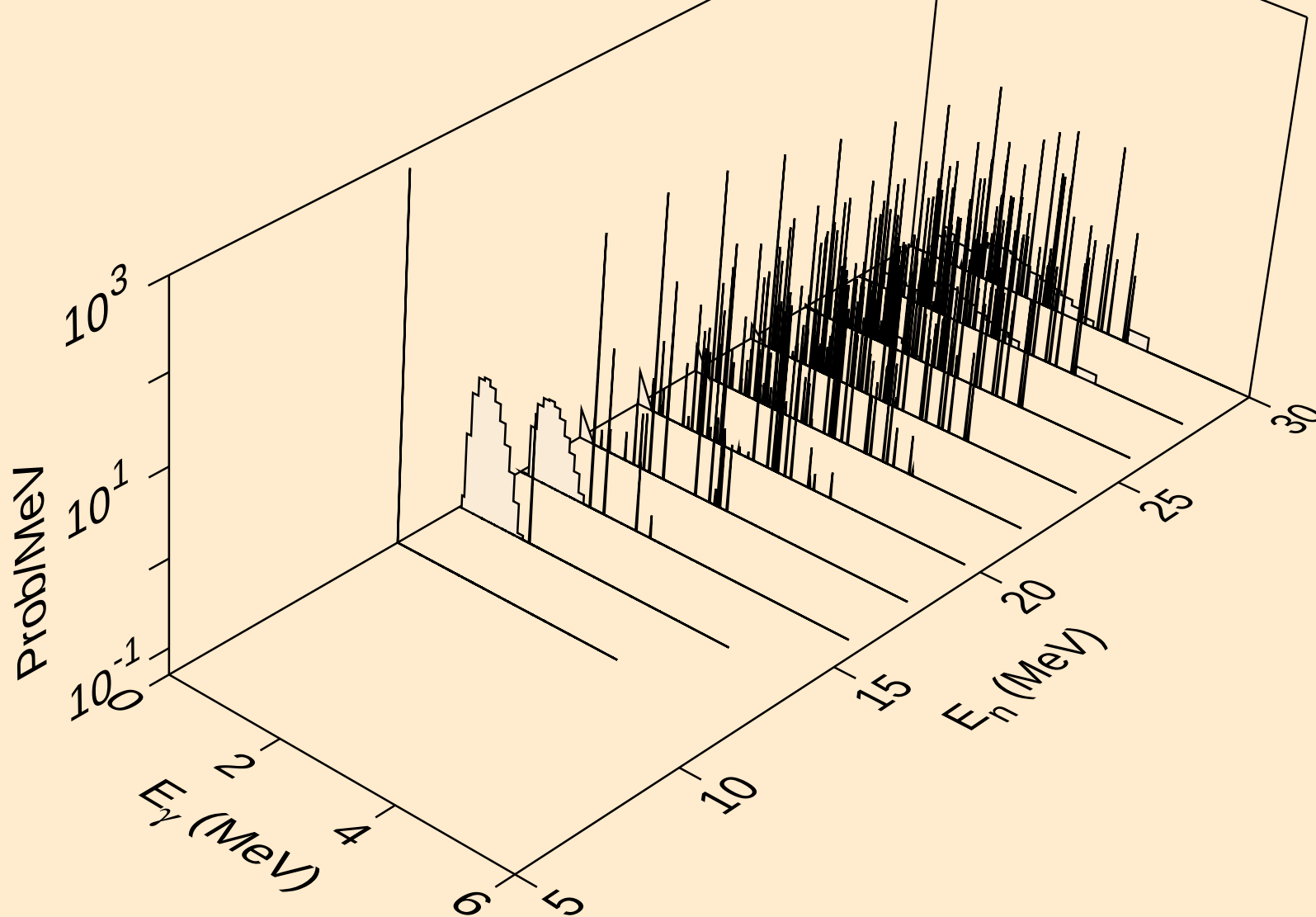
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)

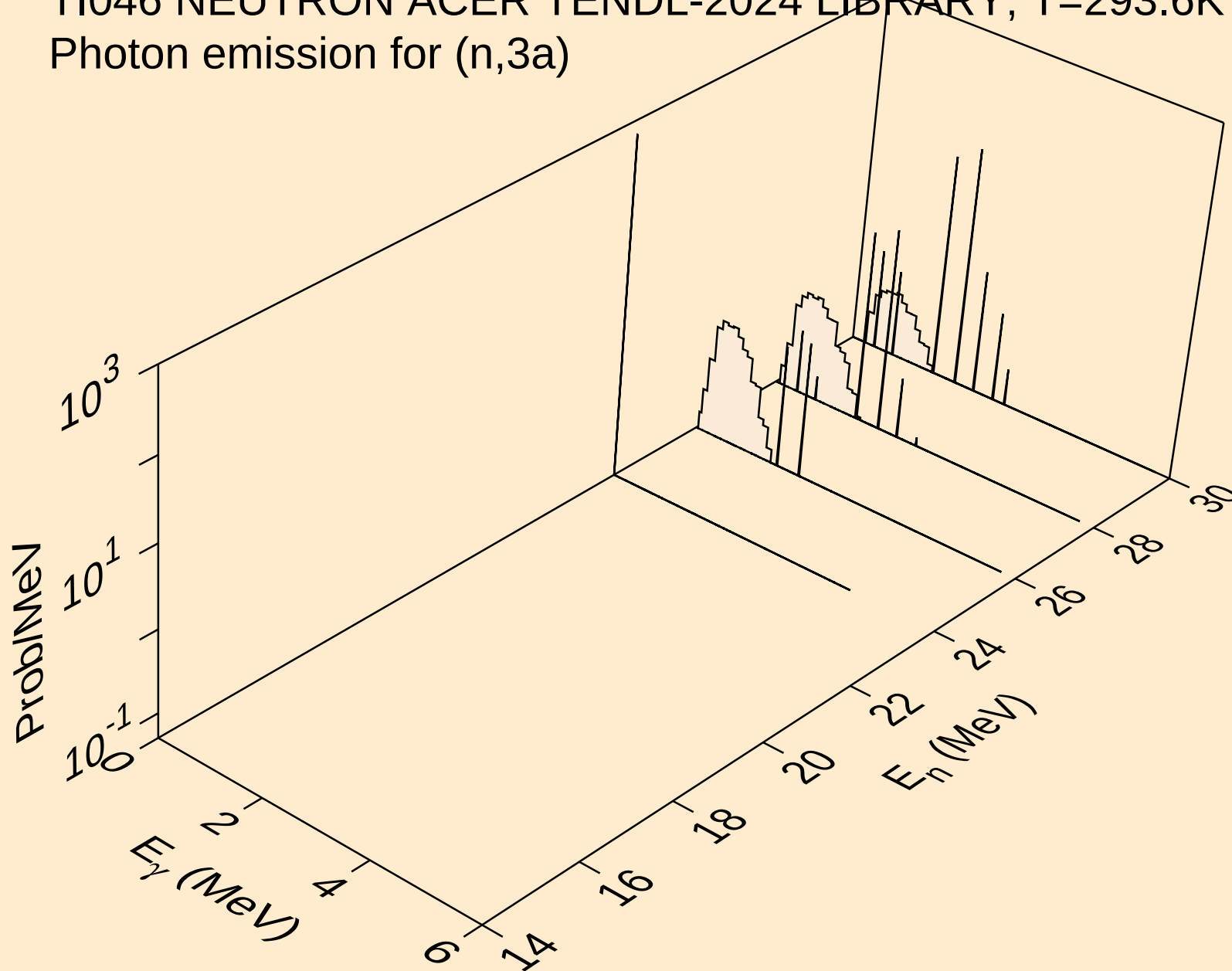


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Photon emission for (n,2a)

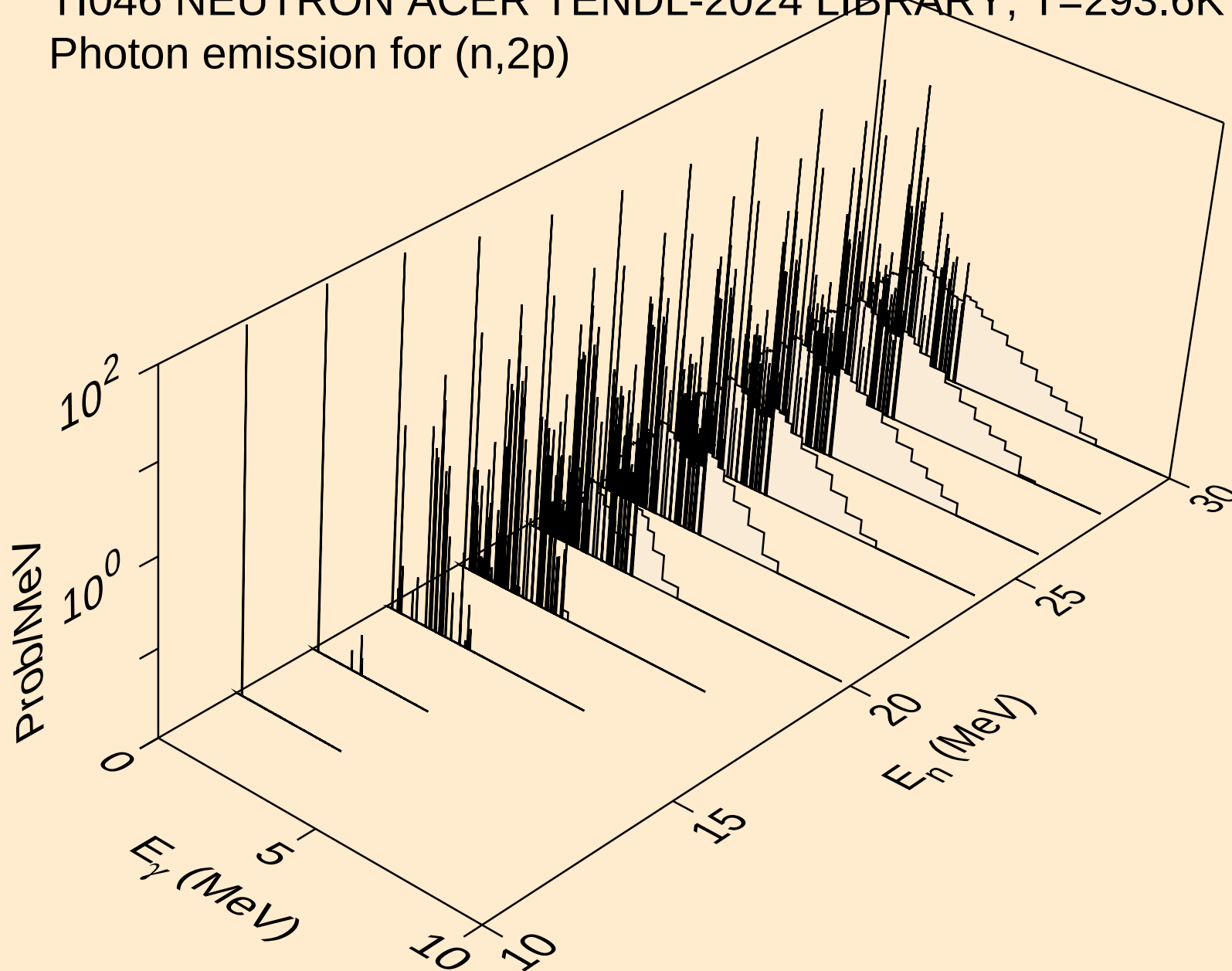




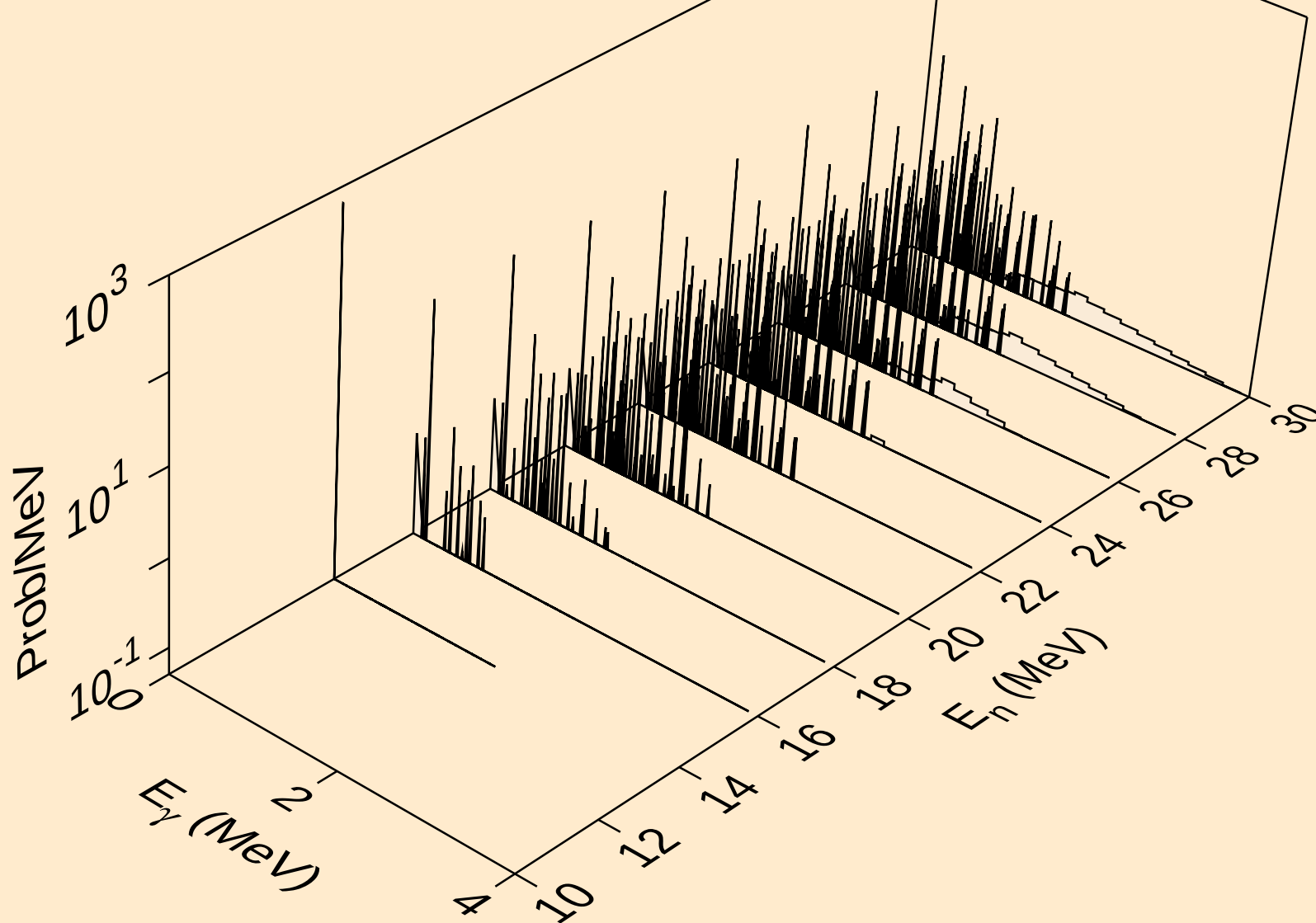
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Photon emission for (n,3a)



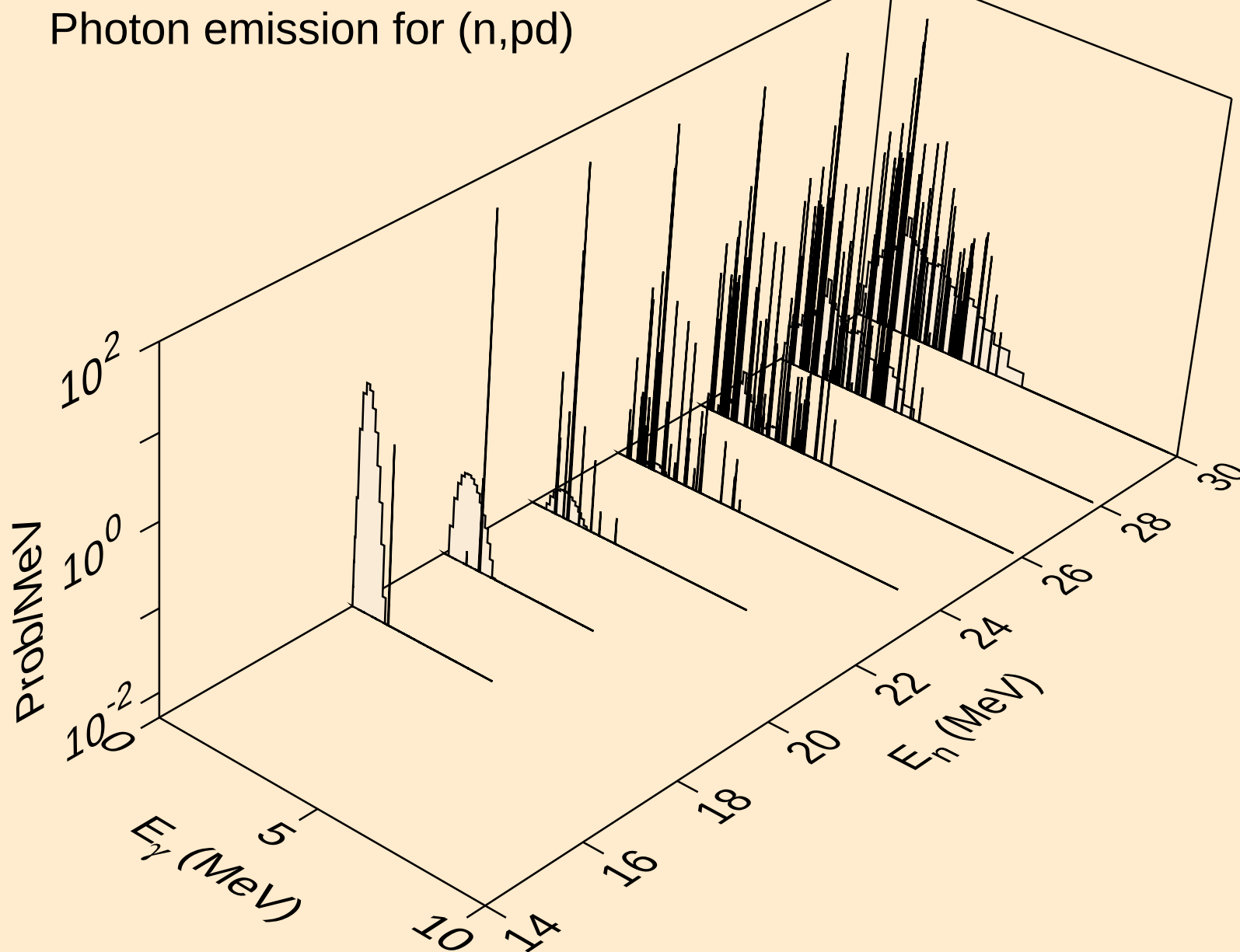
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Photon emission for (n,2p)



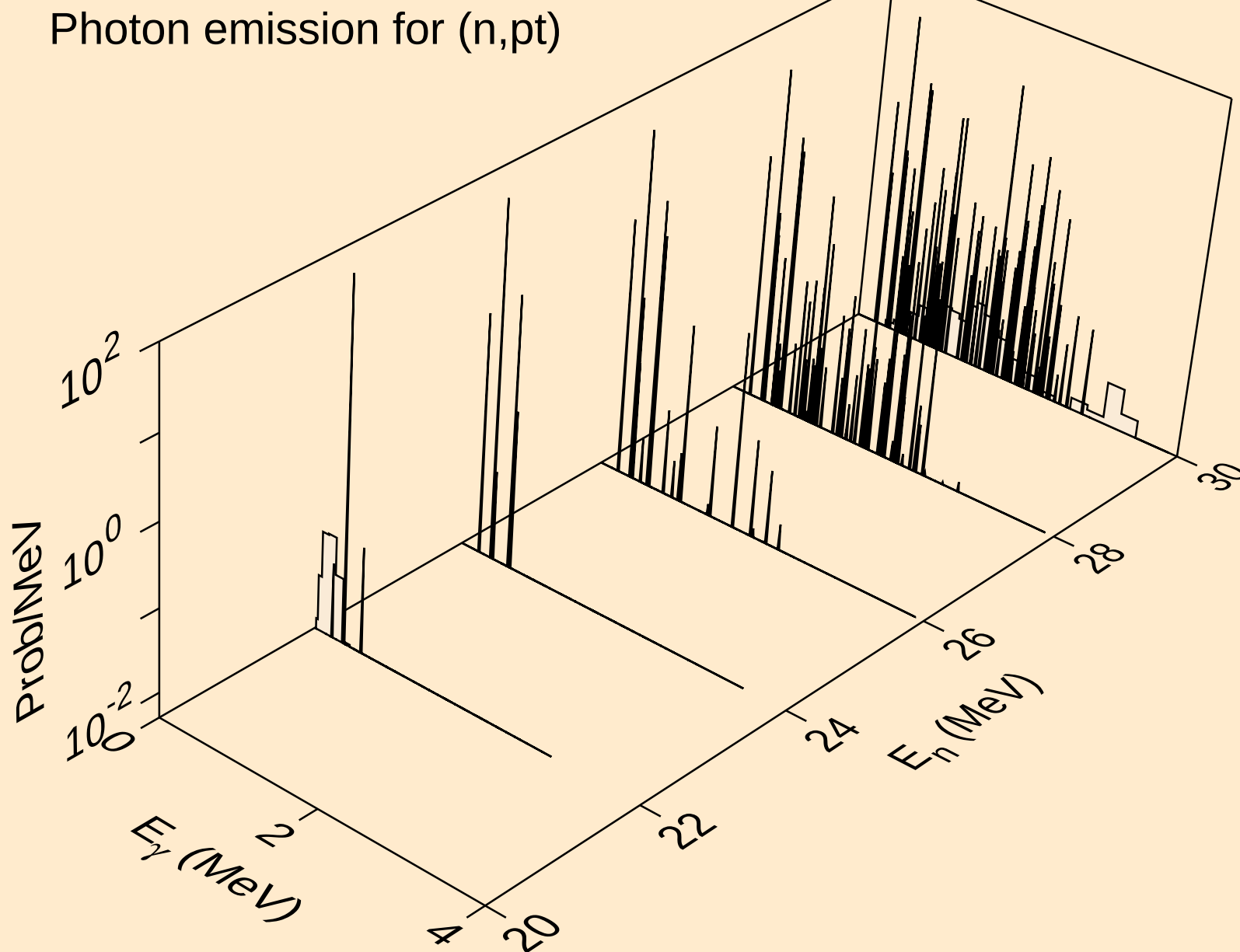
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Photon emission for (n,p $\alpha$ )



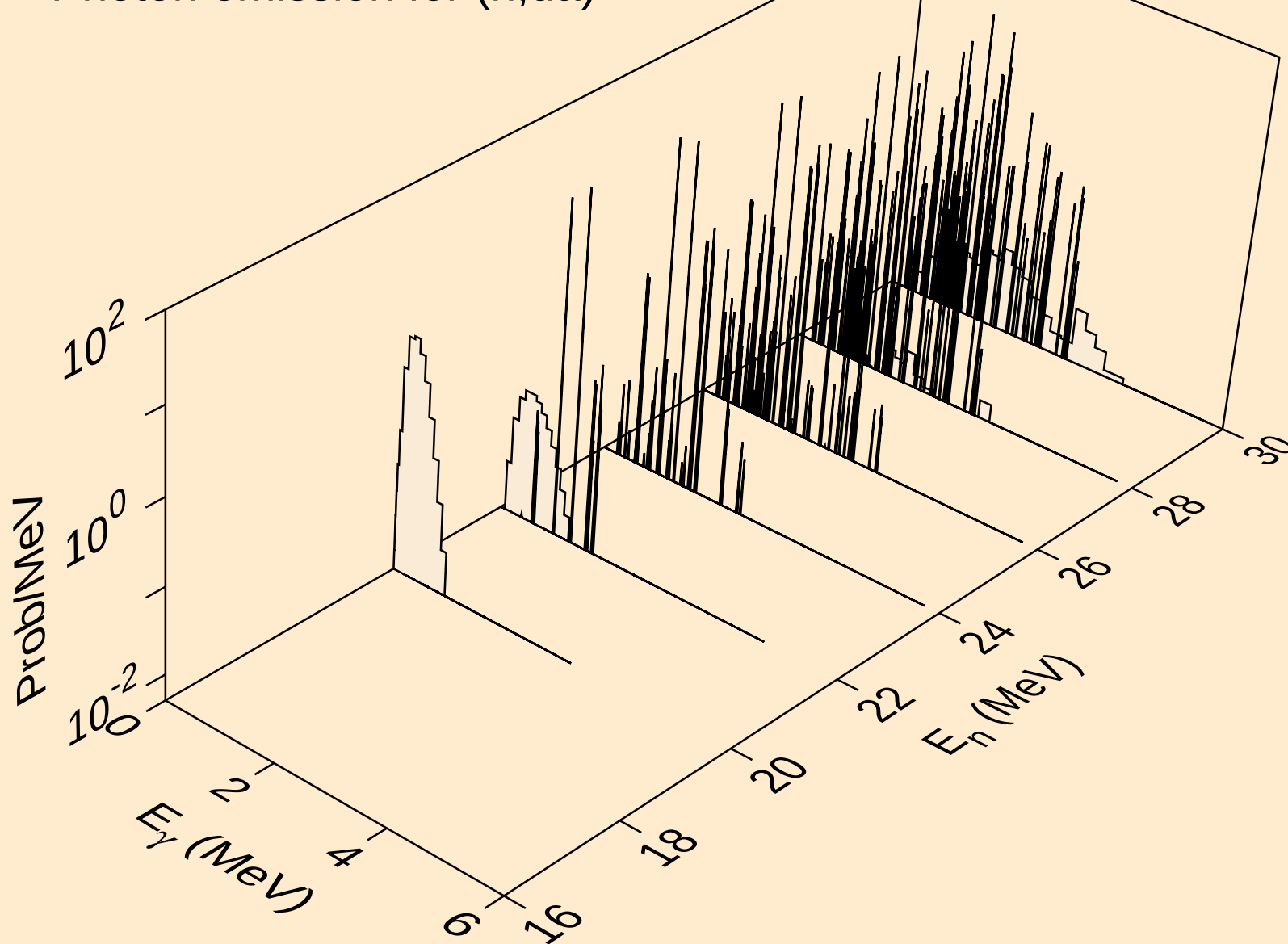
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



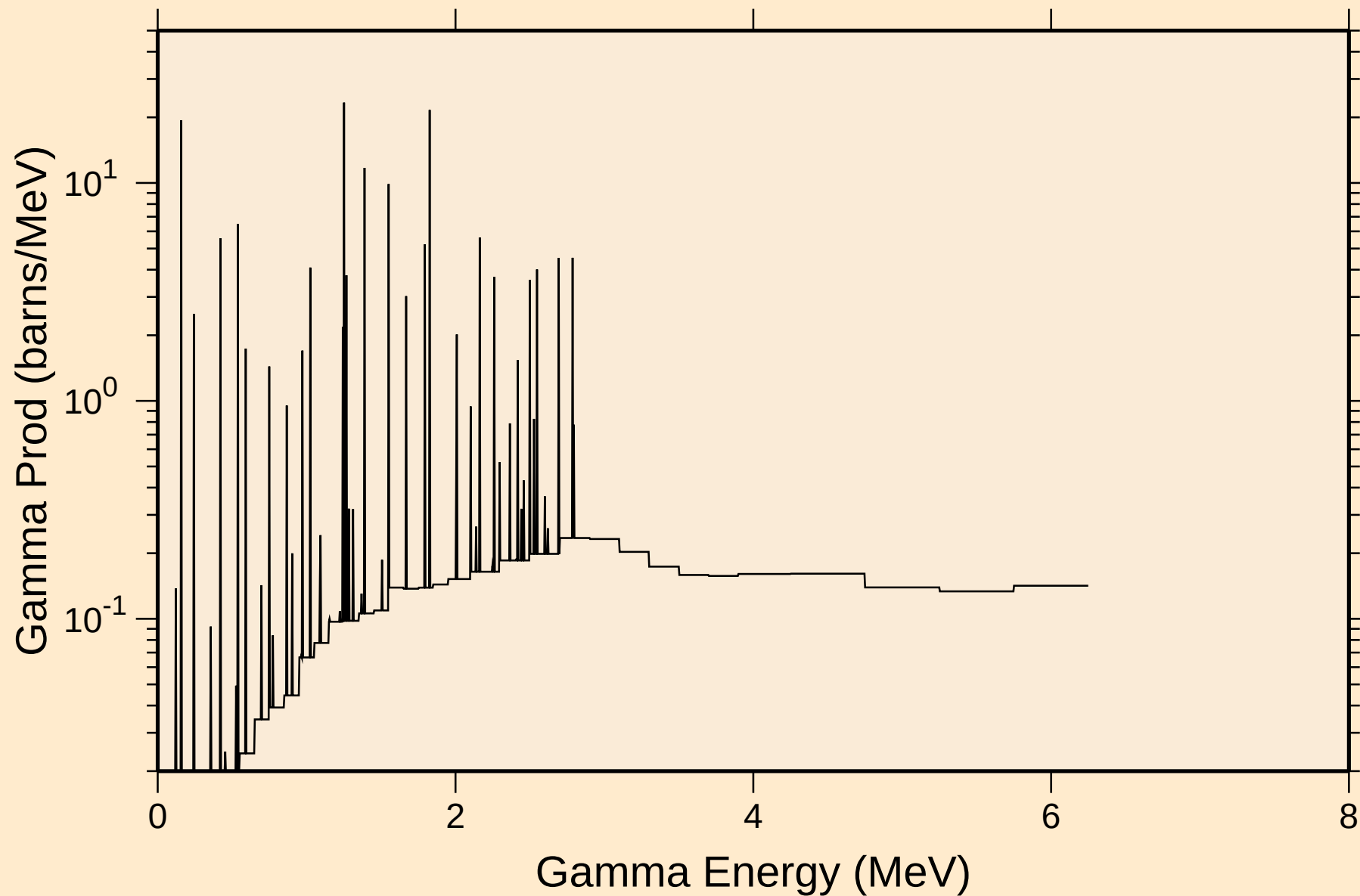
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Photon emission for (n,pt)



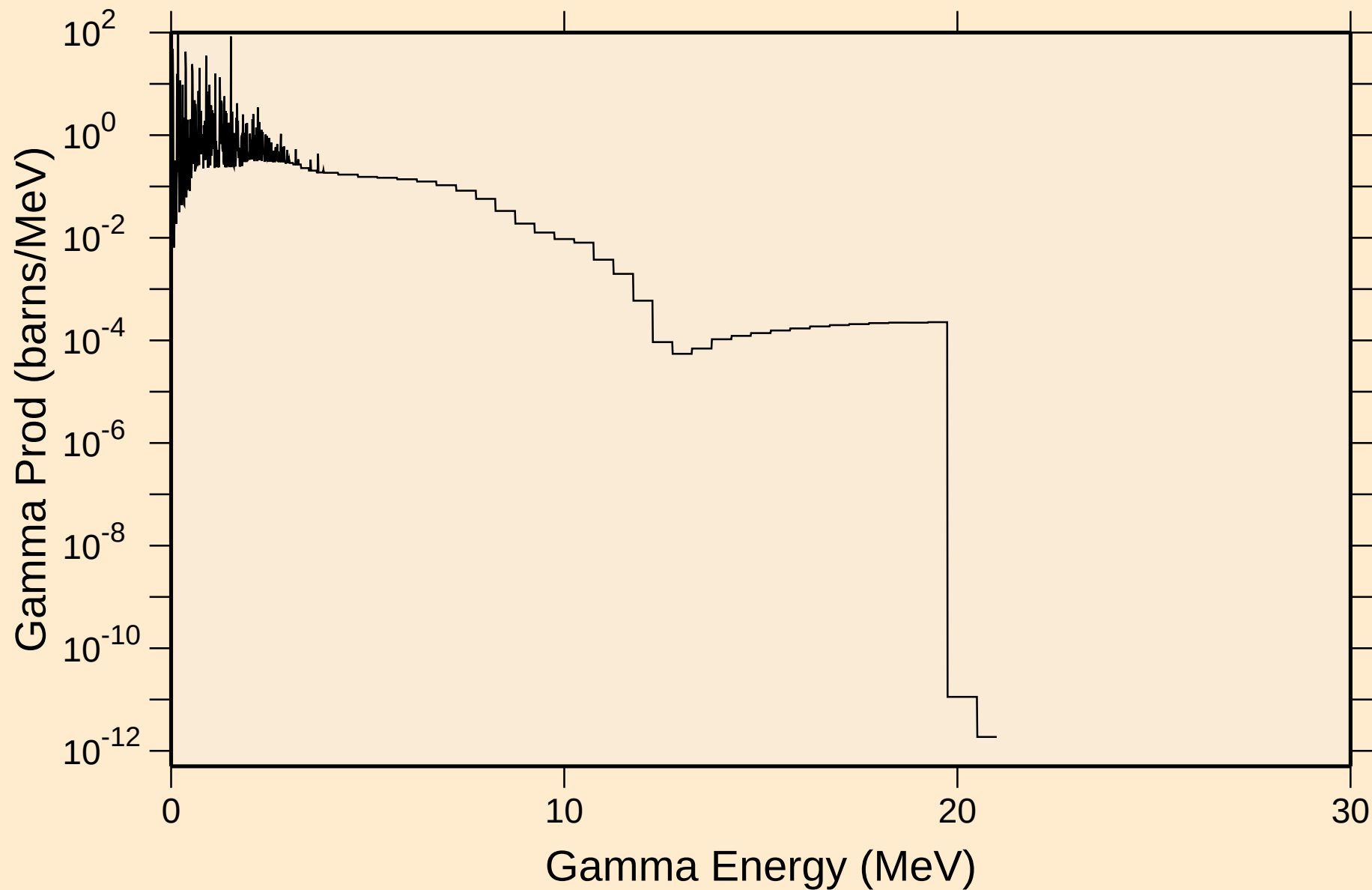
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

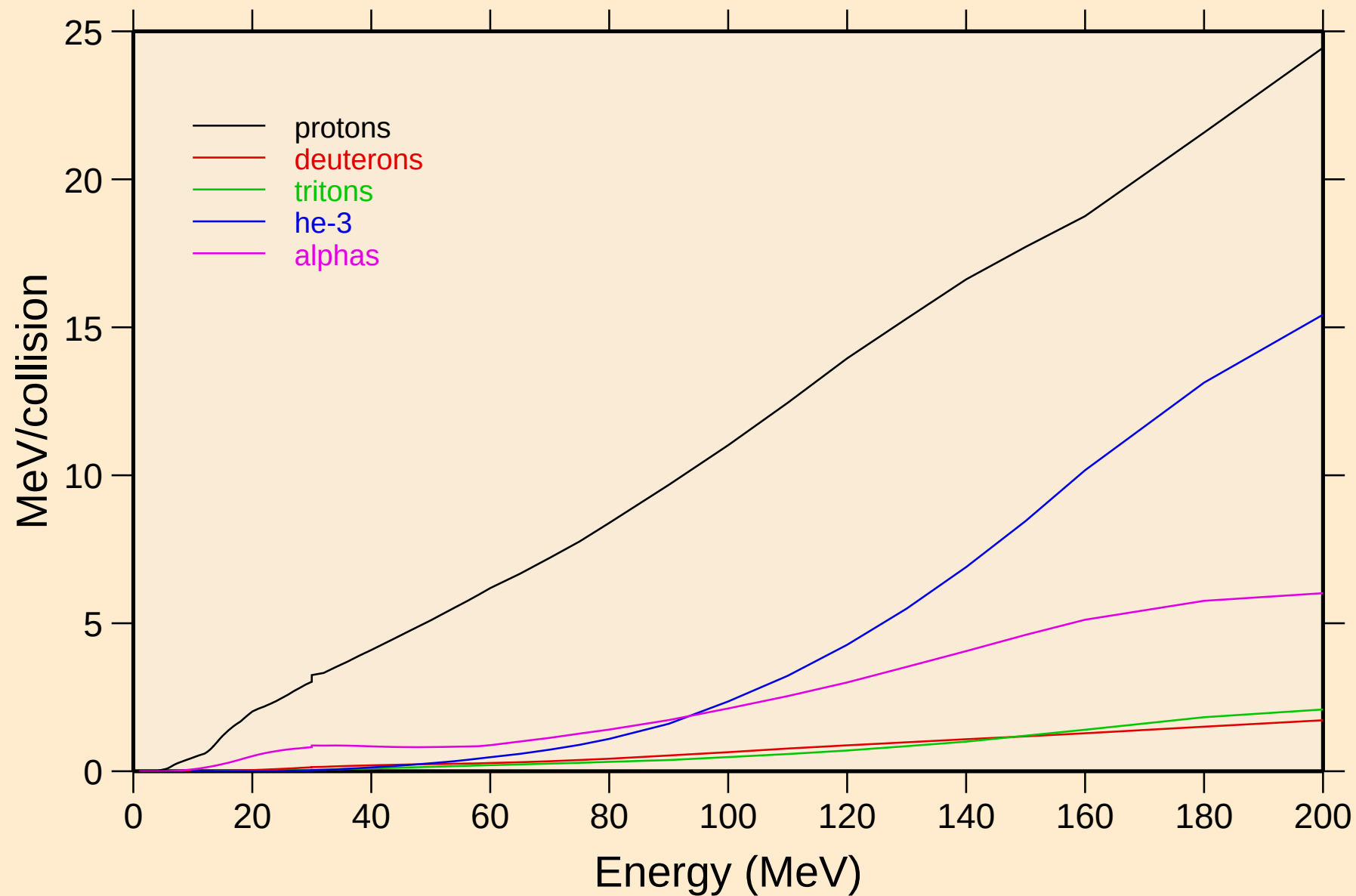


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14 MeV photon spectrum

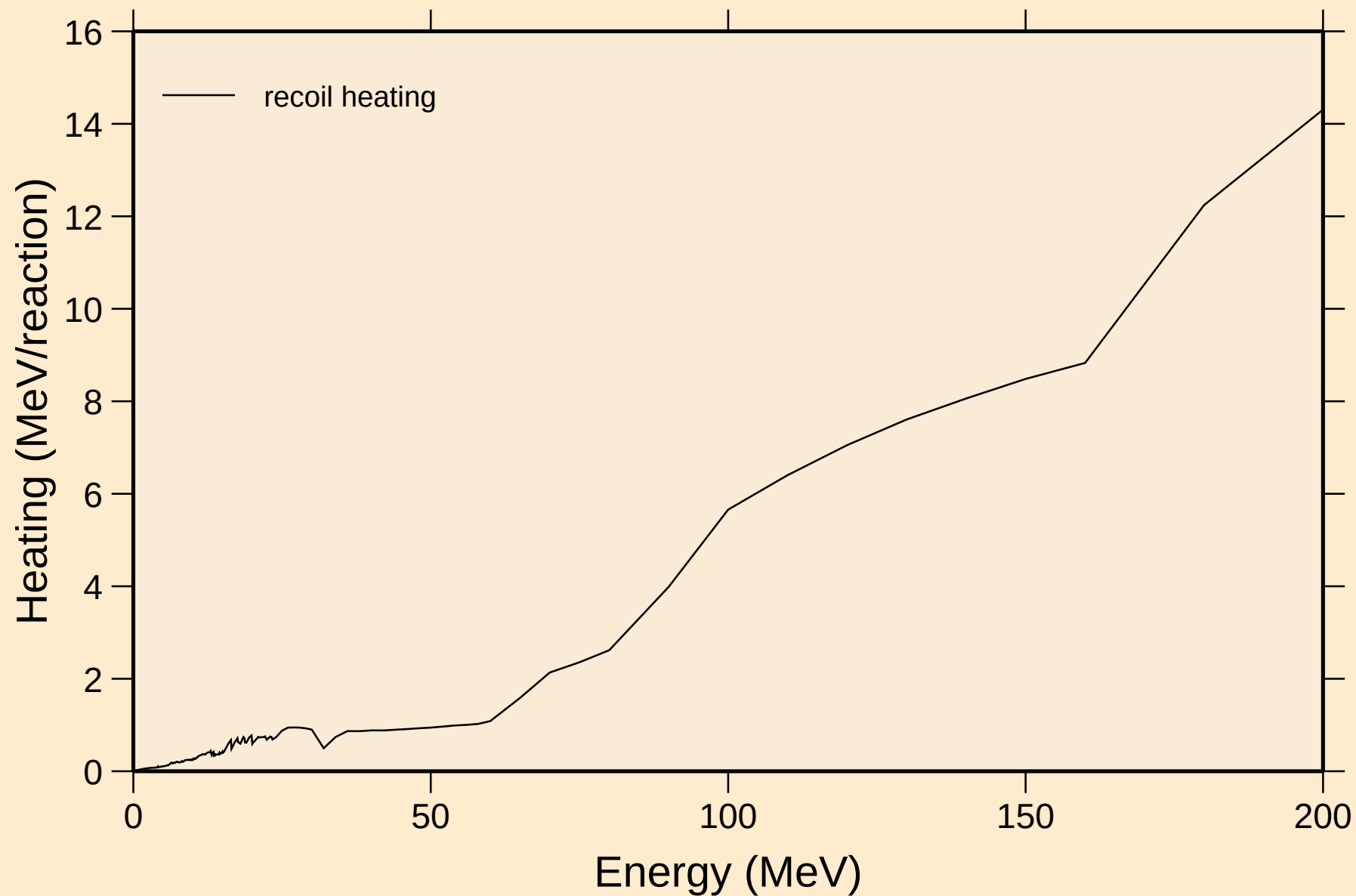




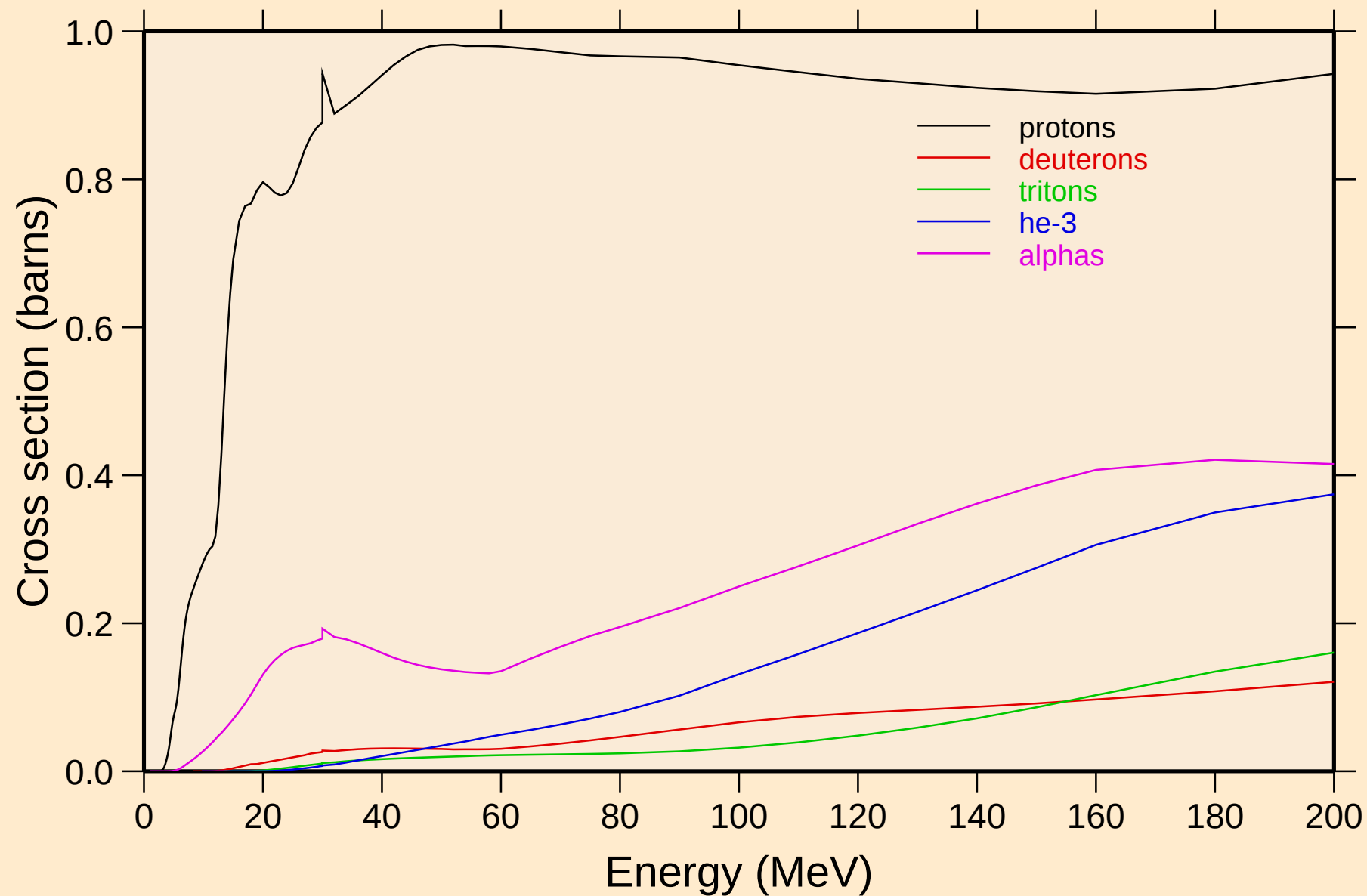
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Particle heating contributions



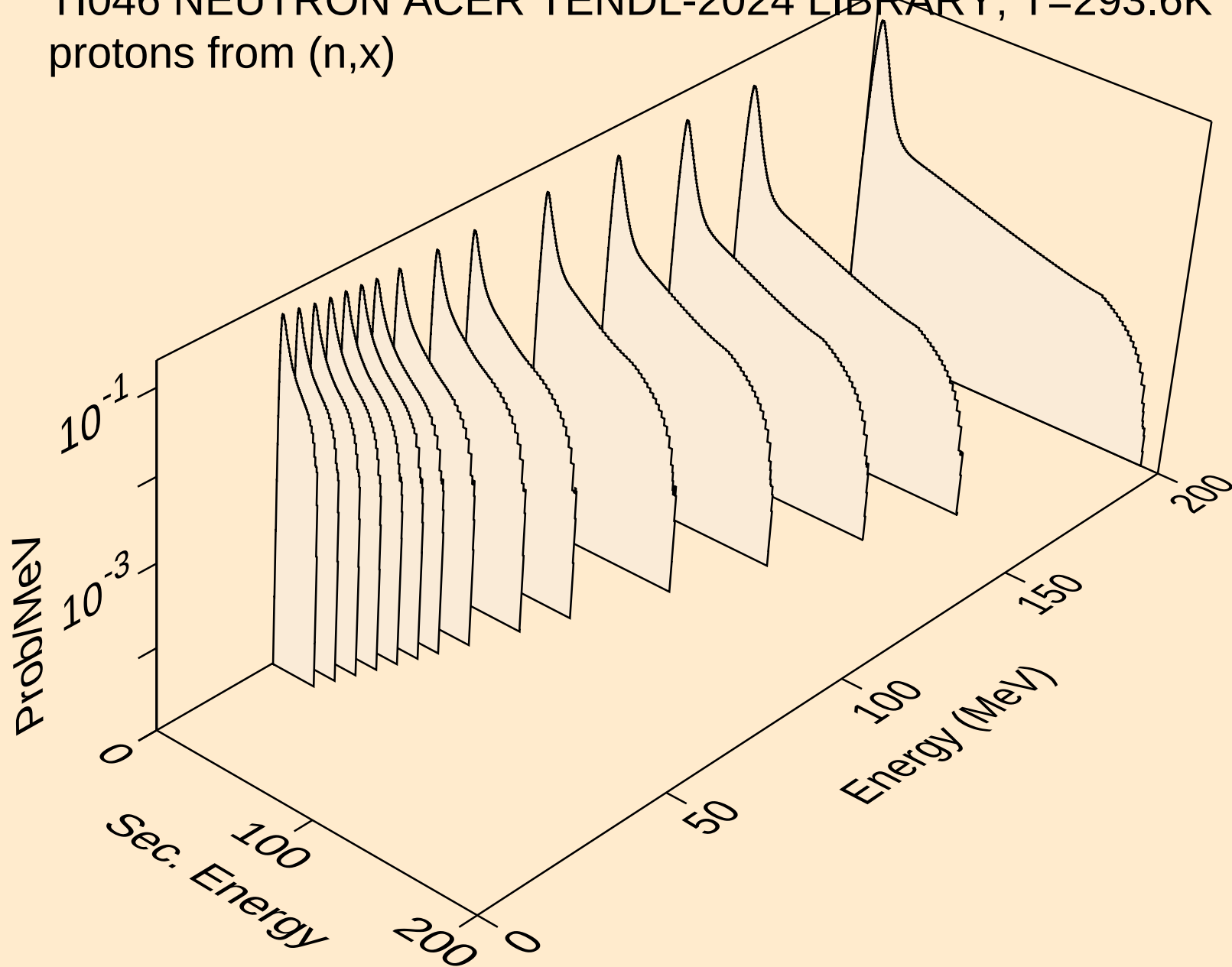
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Recoil Heating



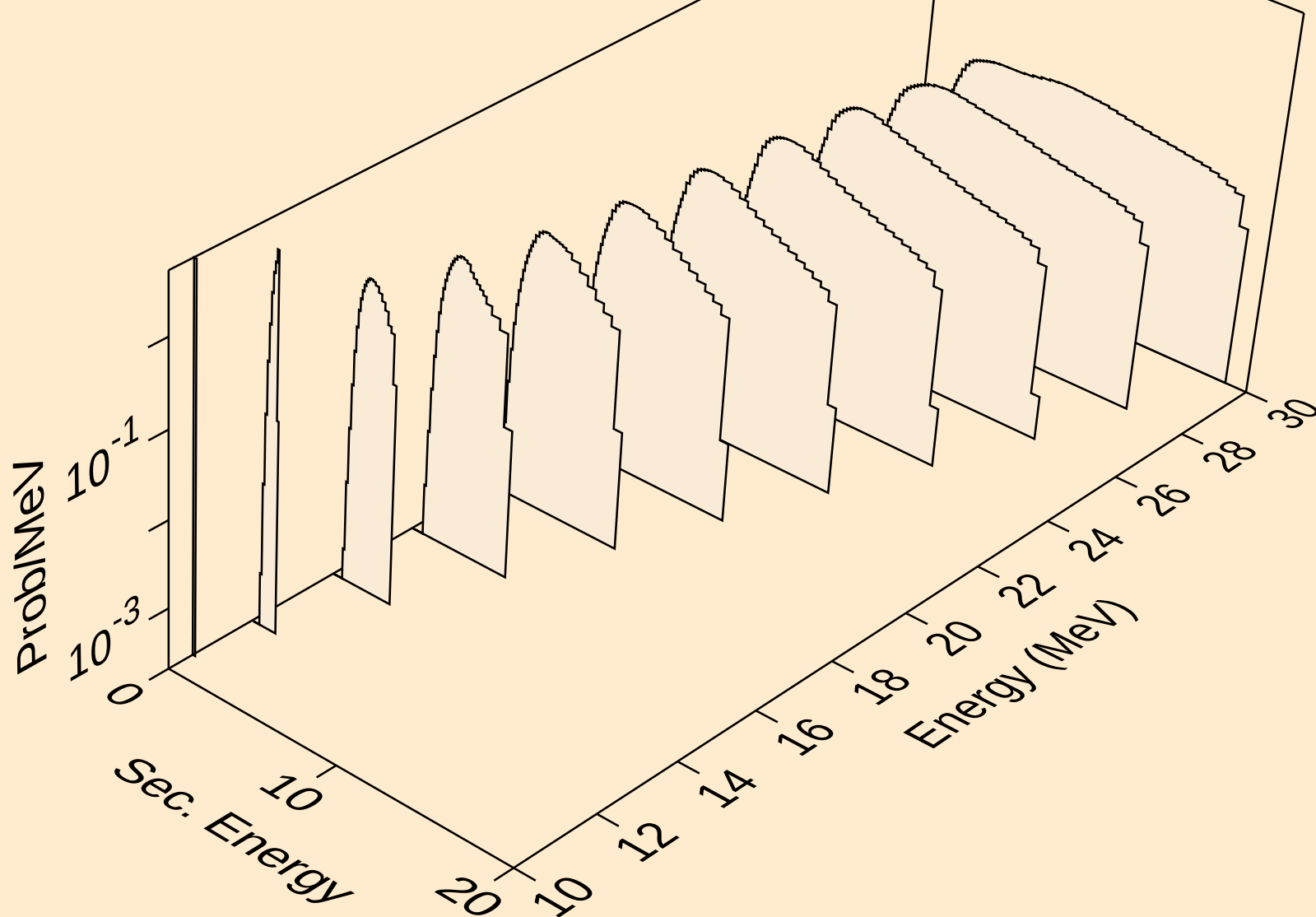
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



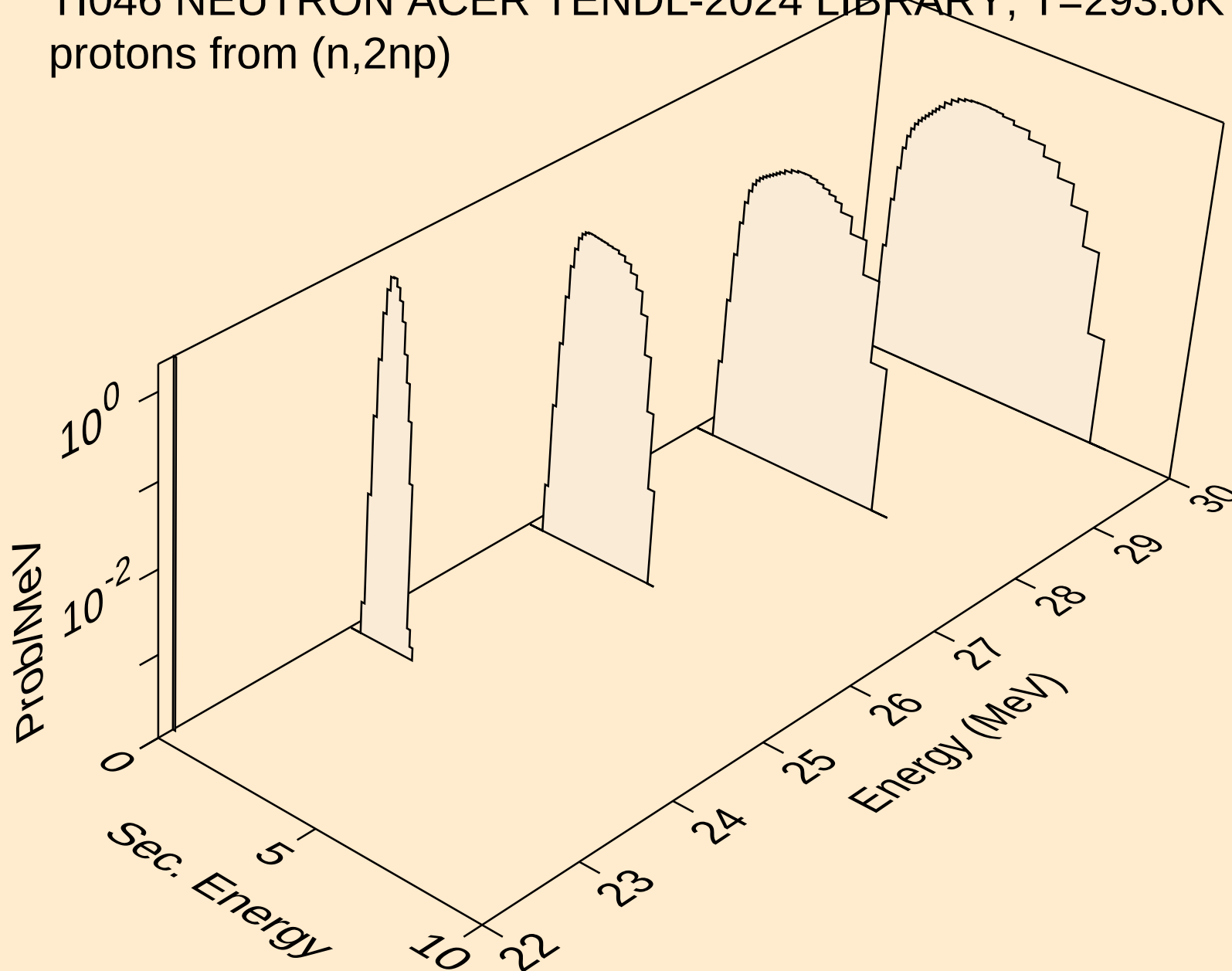
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



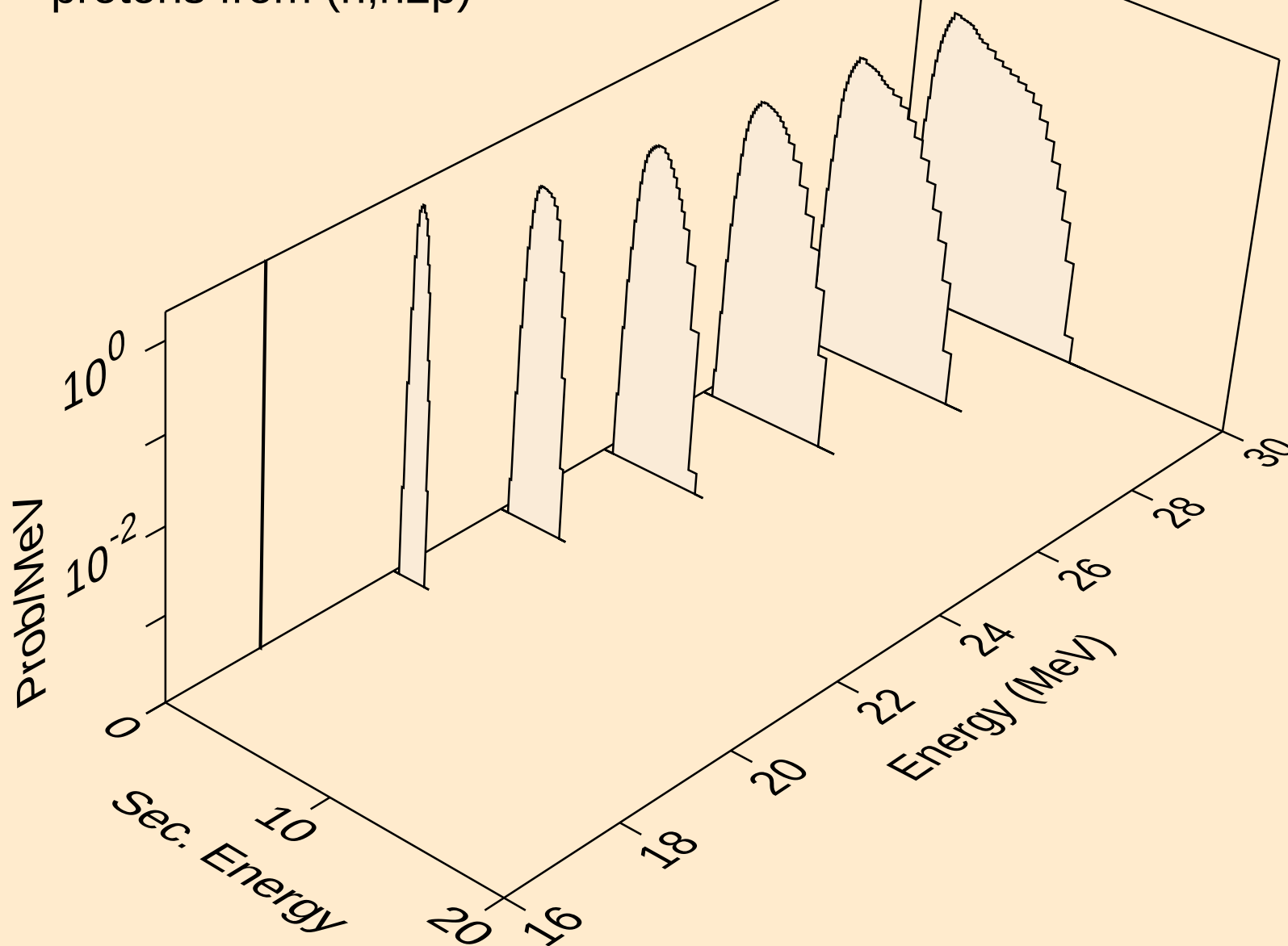
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



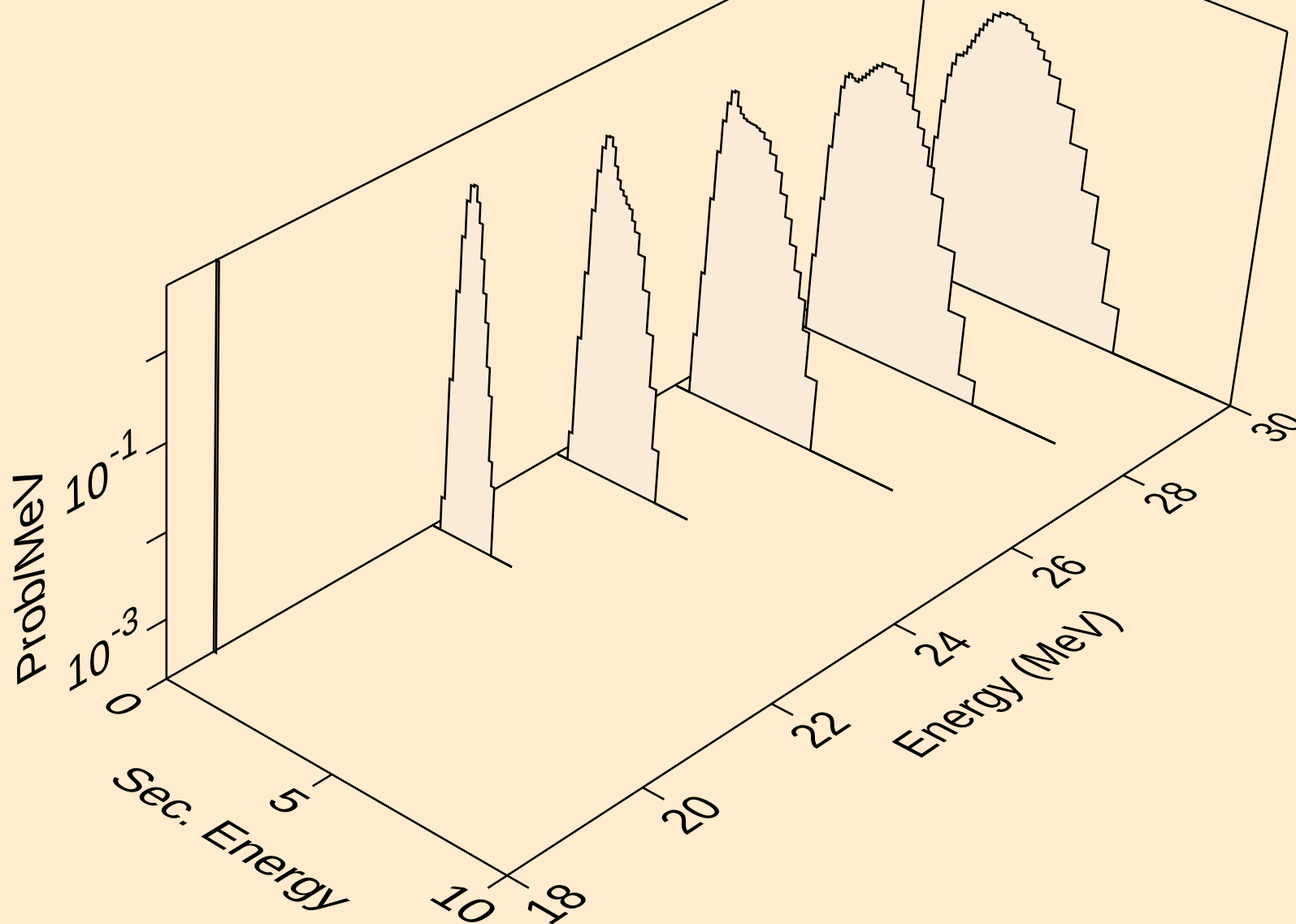
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)

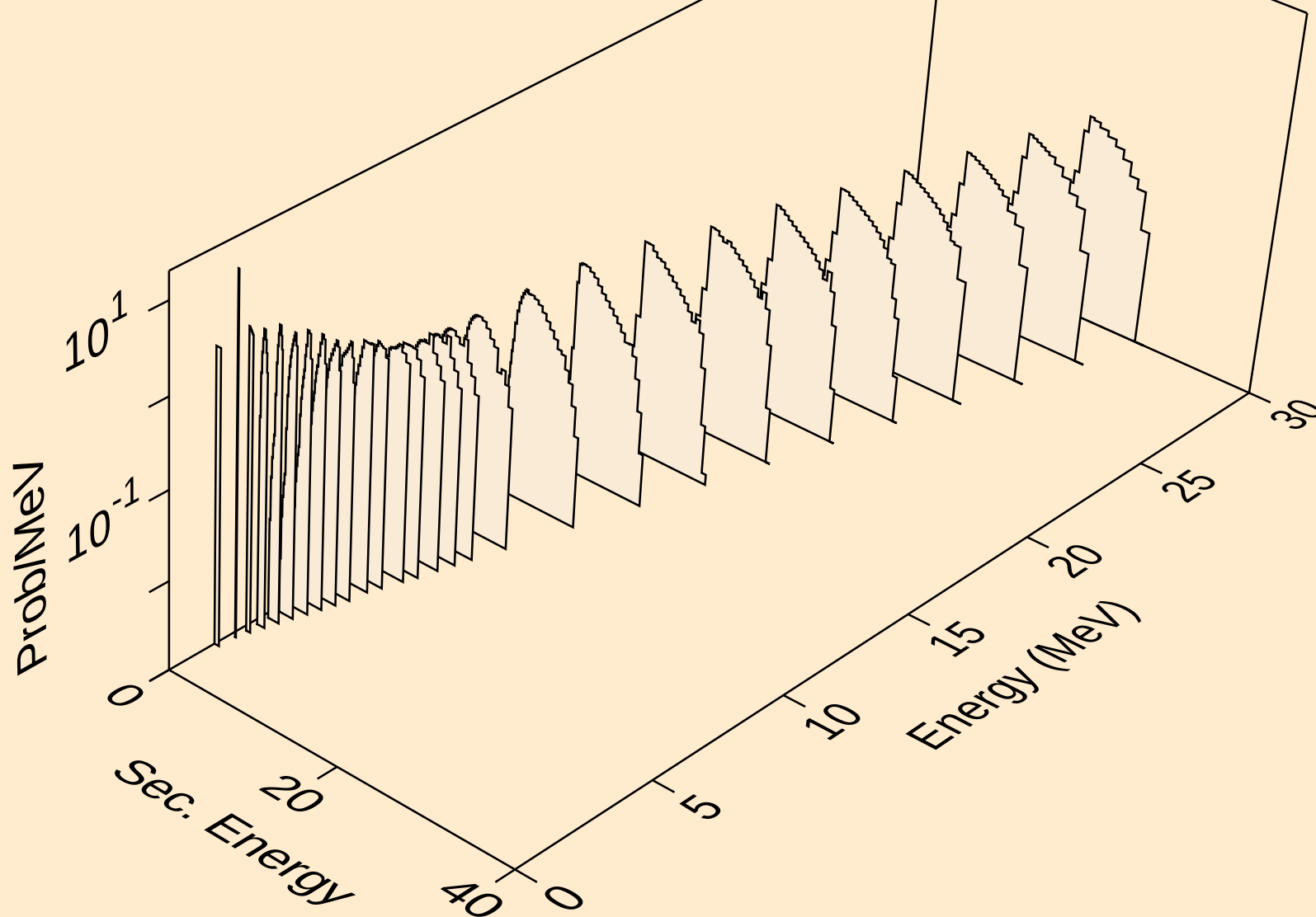


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protons from (n,npa)

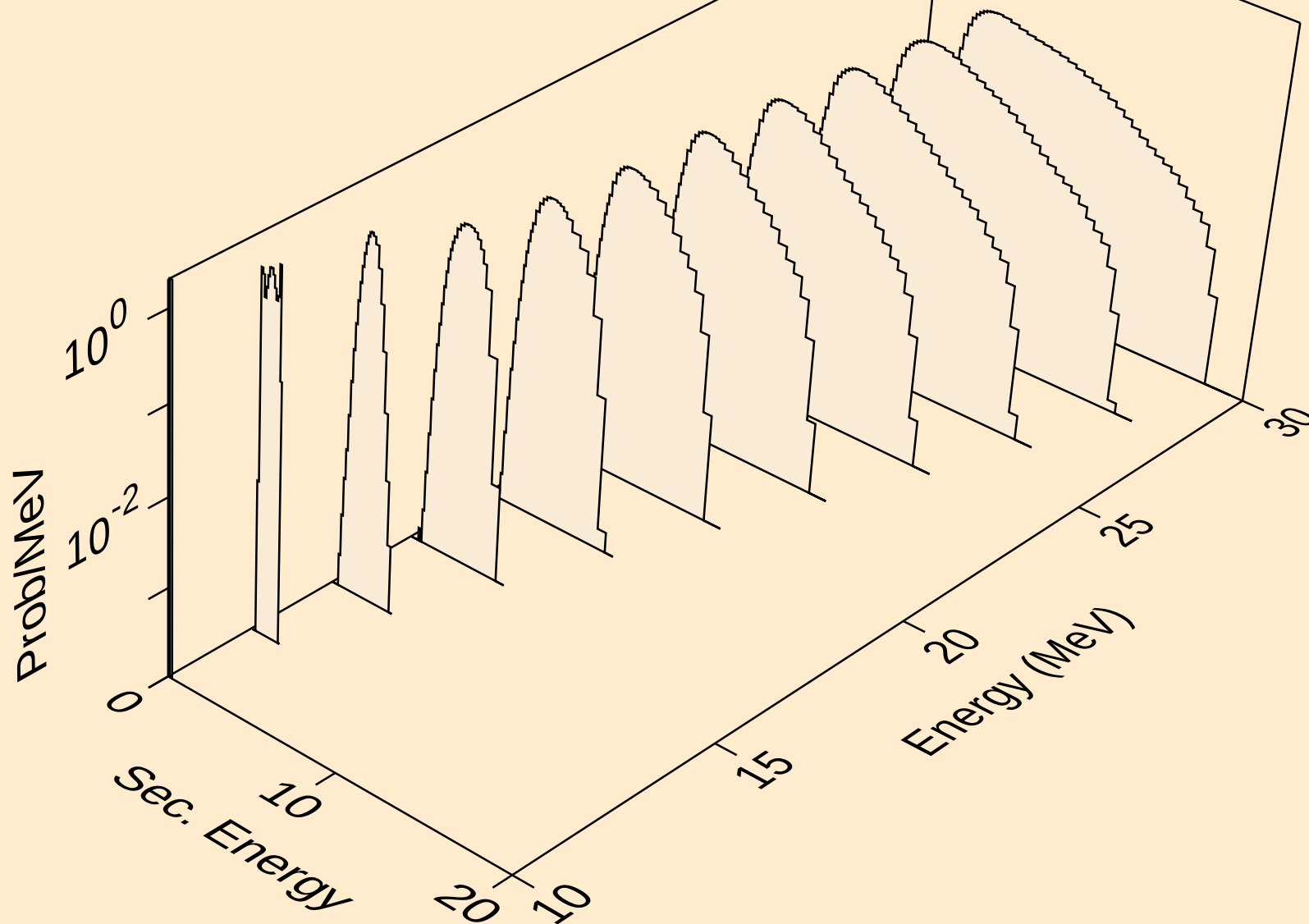




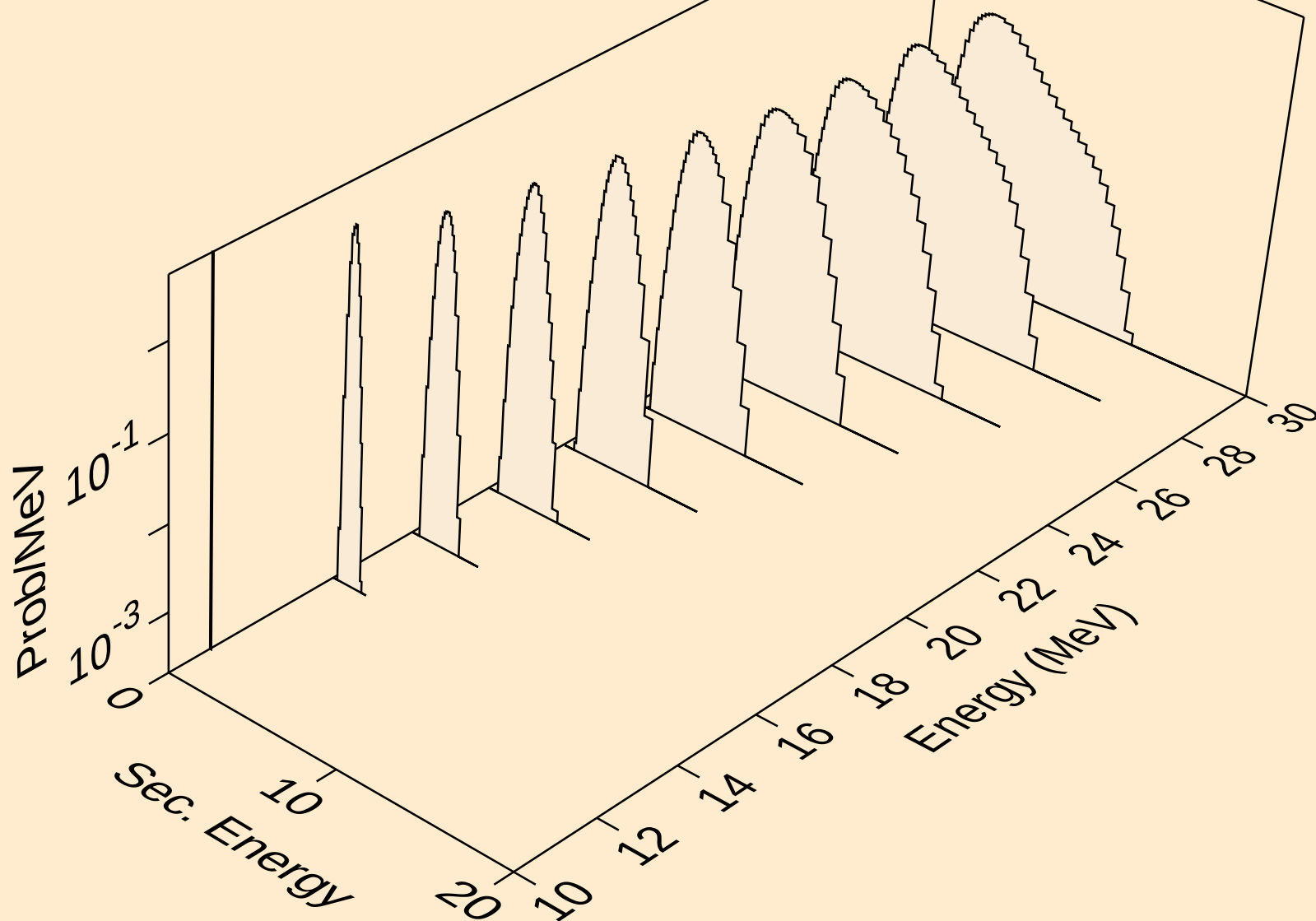
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protons from (n,p)



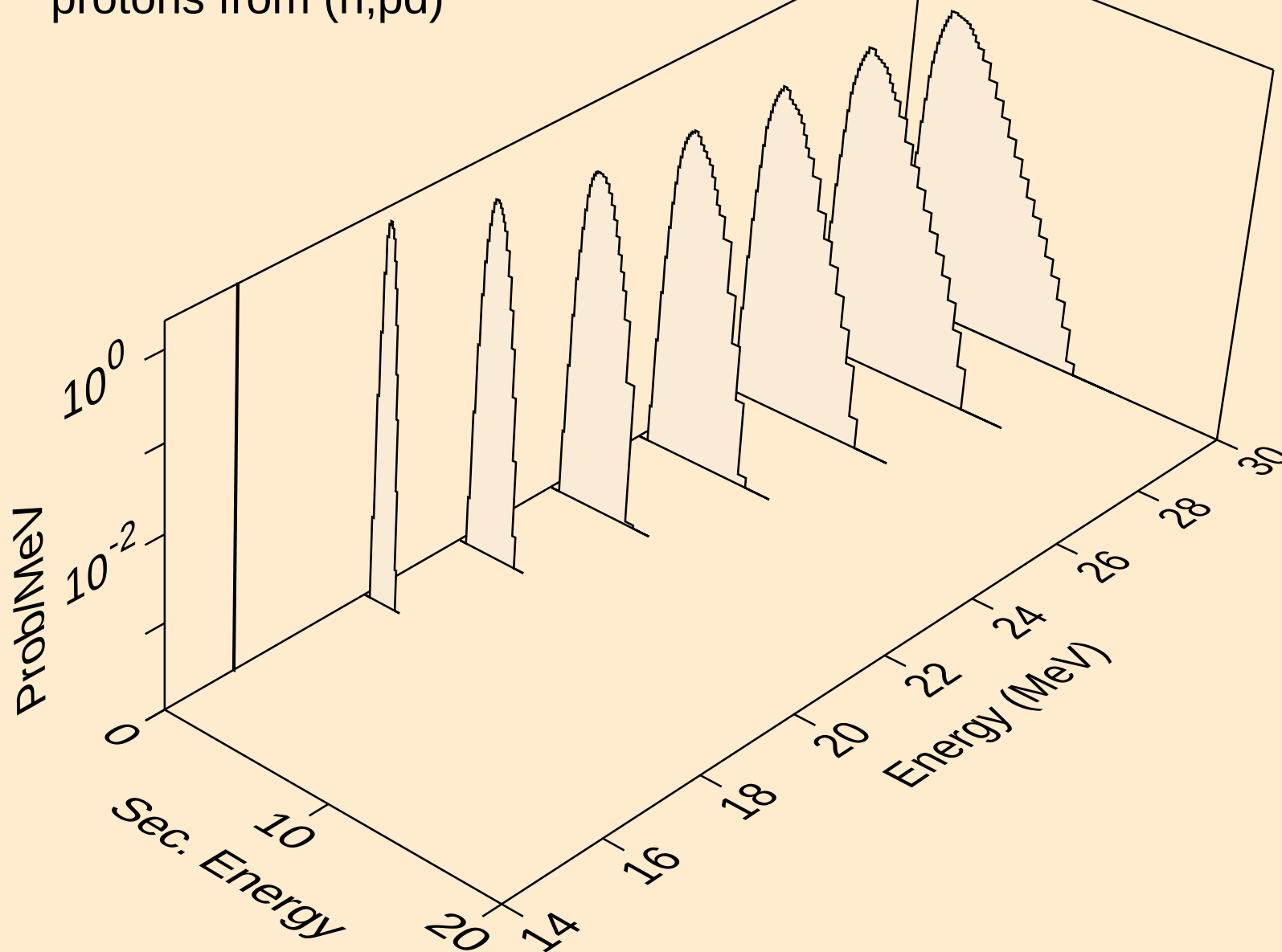
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protons from (n,2p)



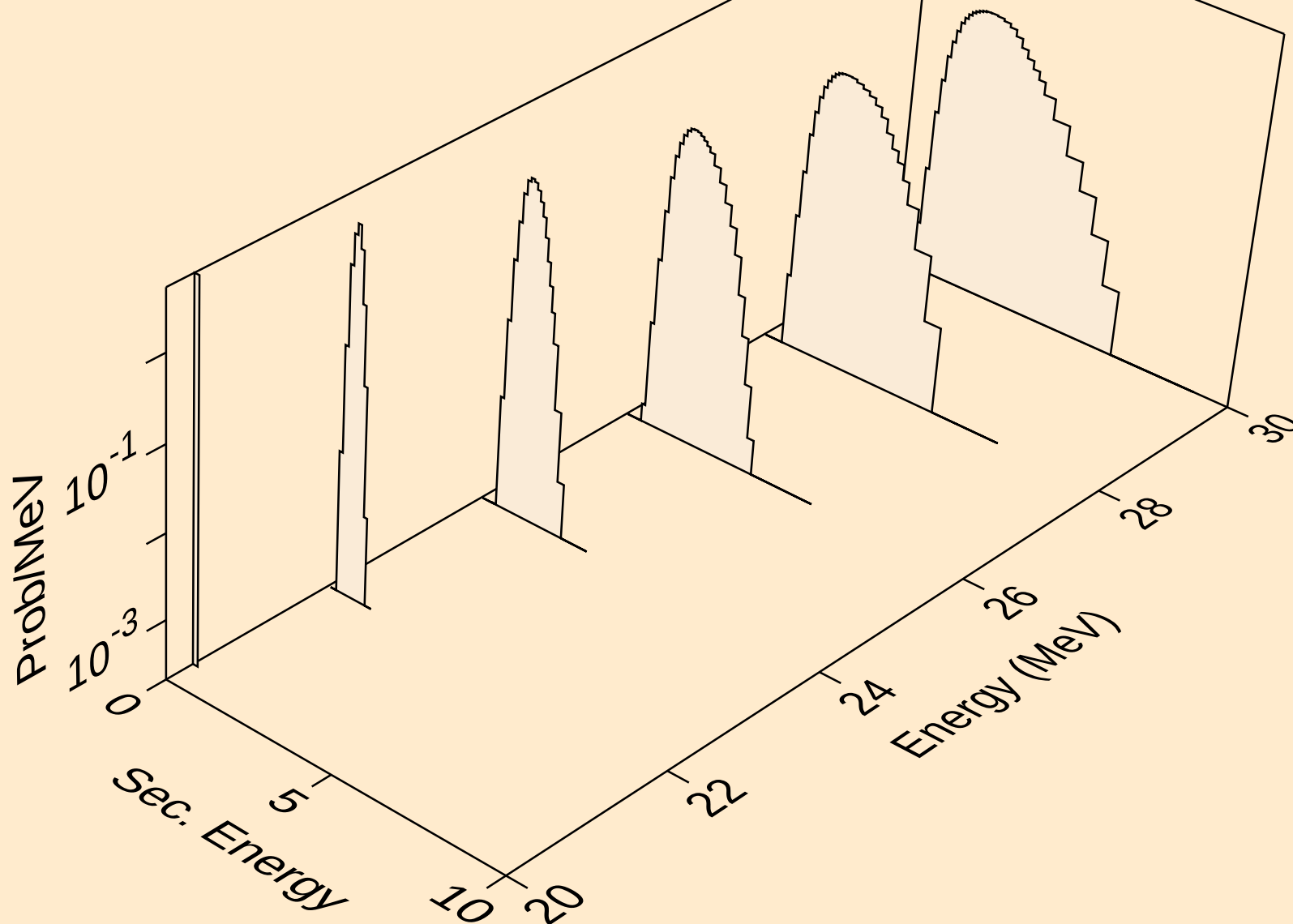
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protons from (n,p)



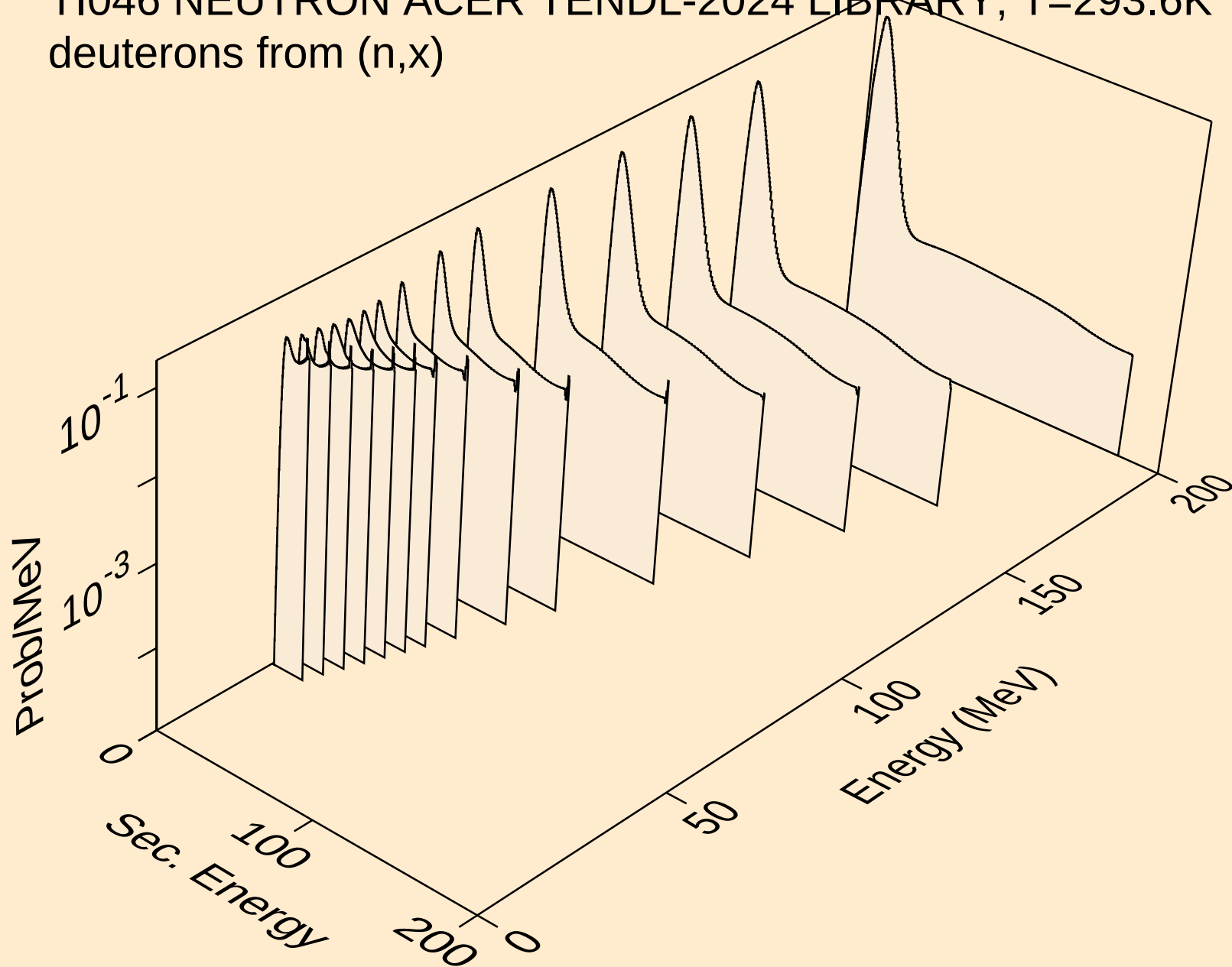
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protons from (n,pd)



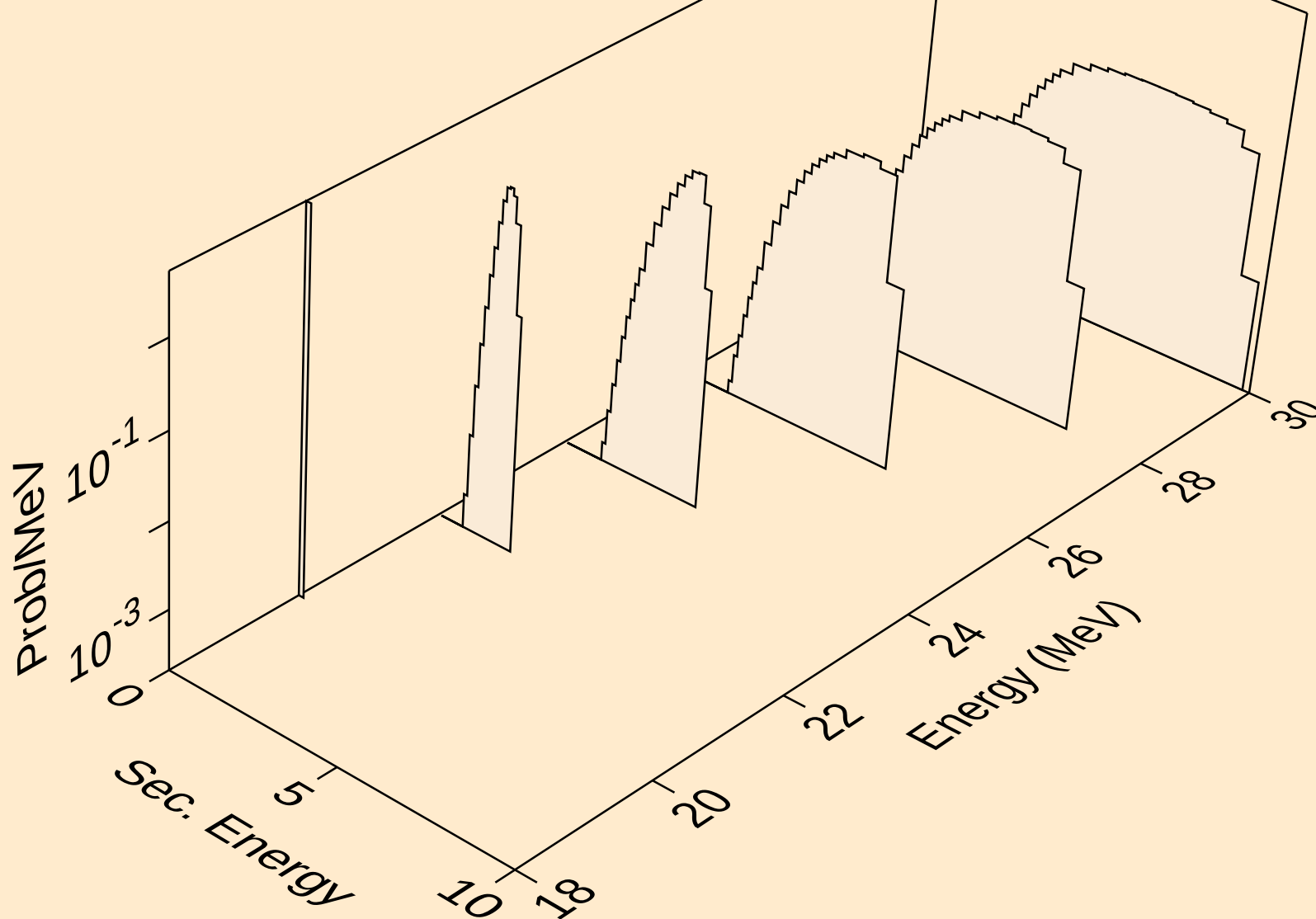
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protons from (n,pt)



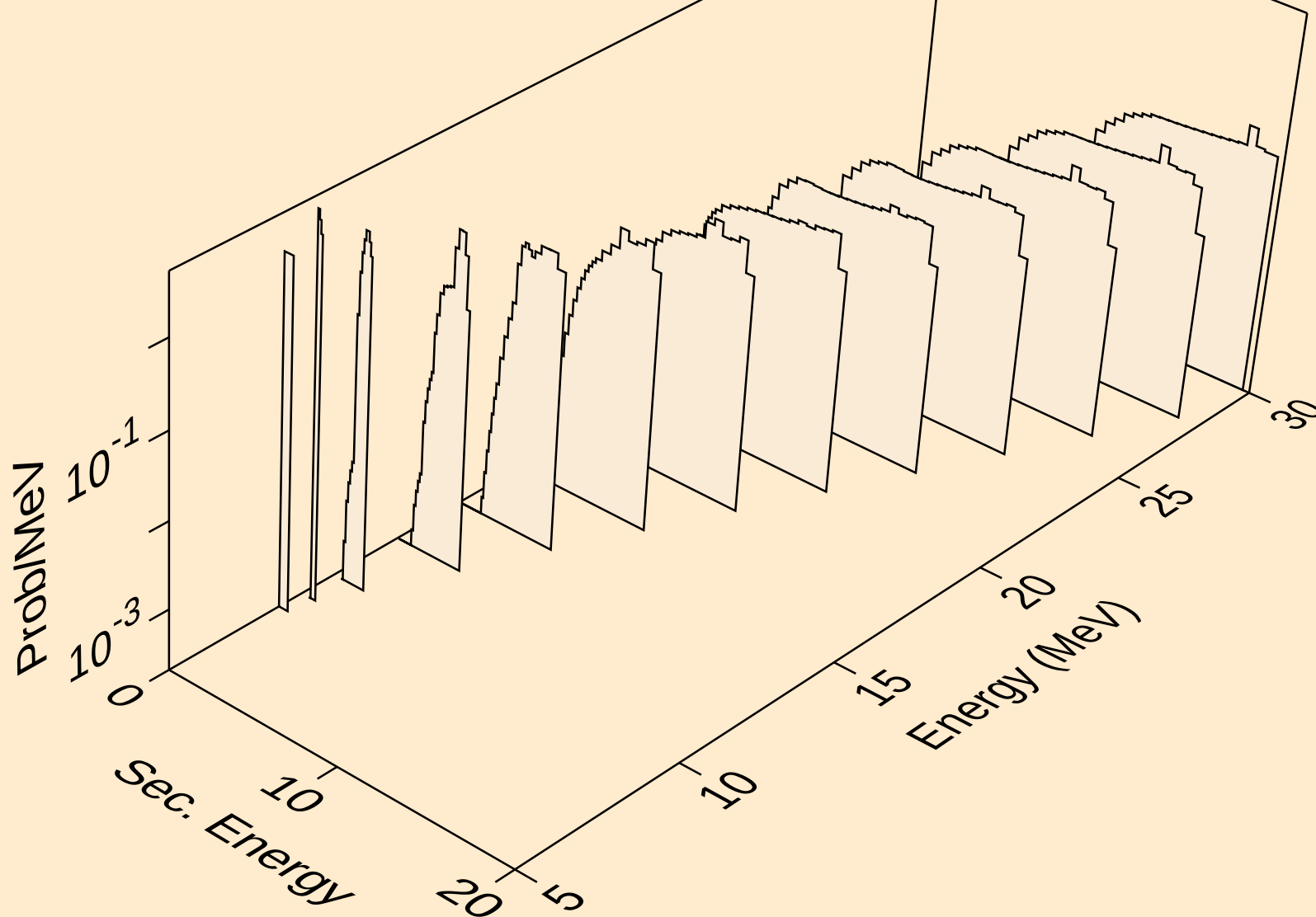
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

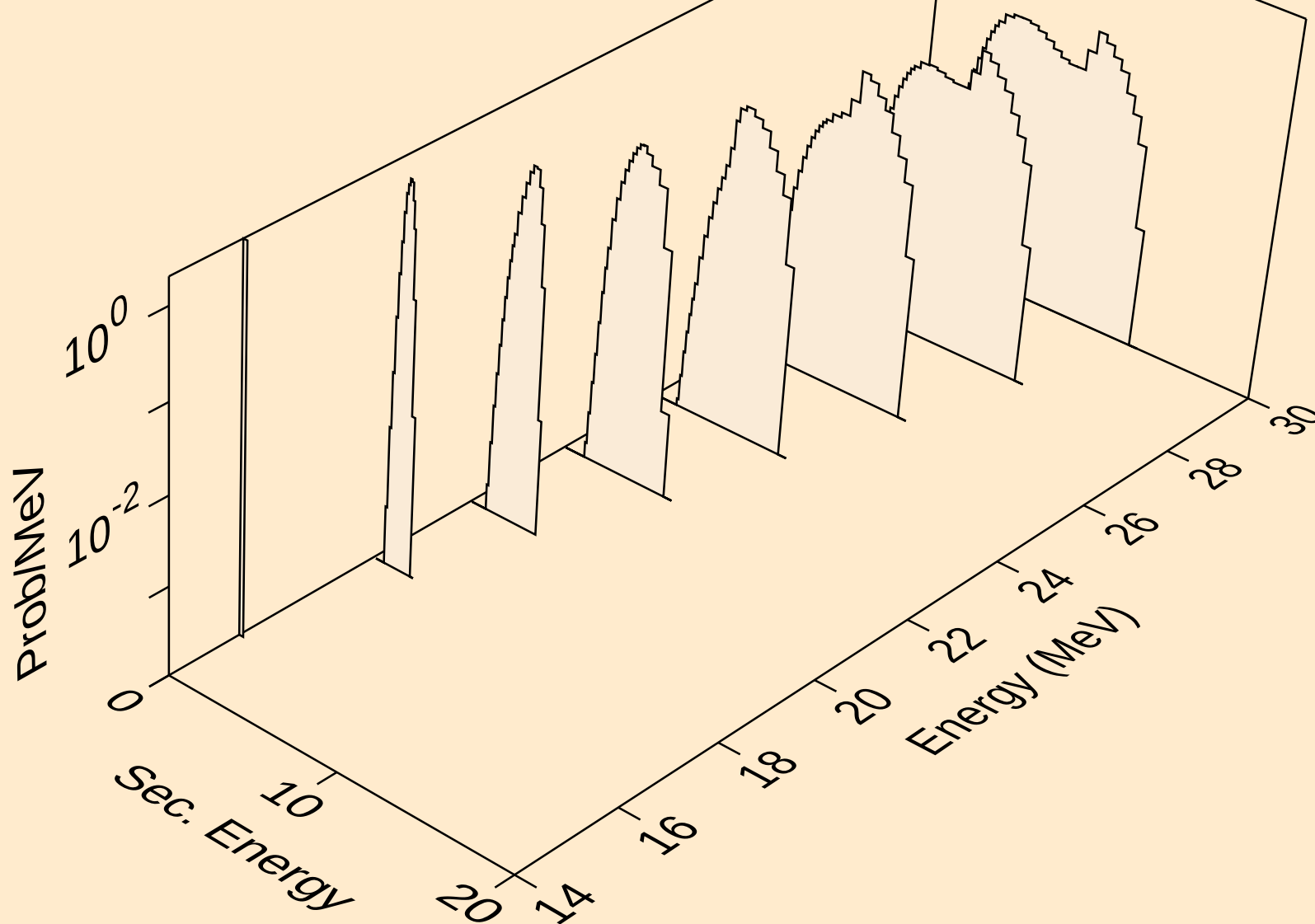


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deuterons from (n,d)

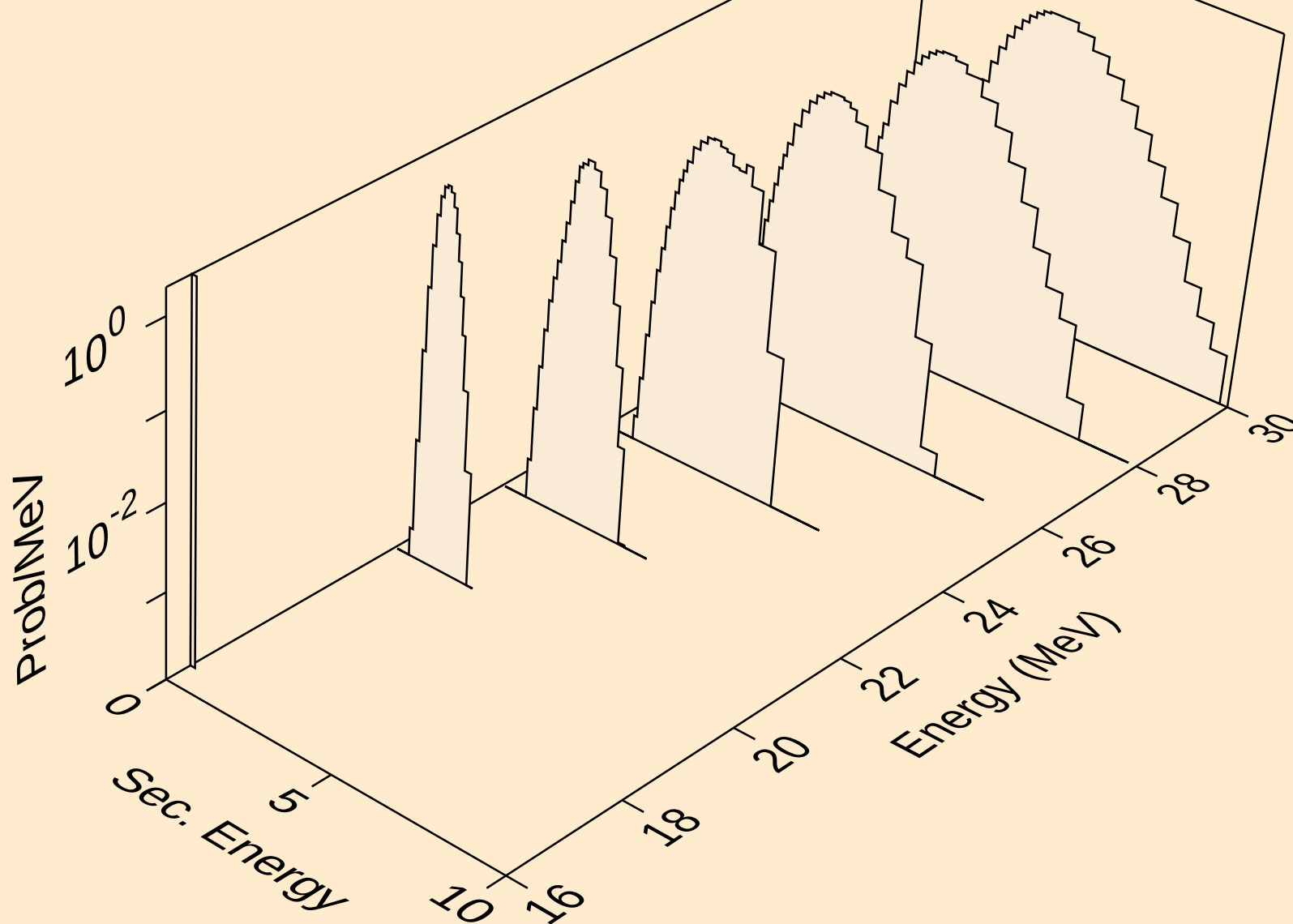




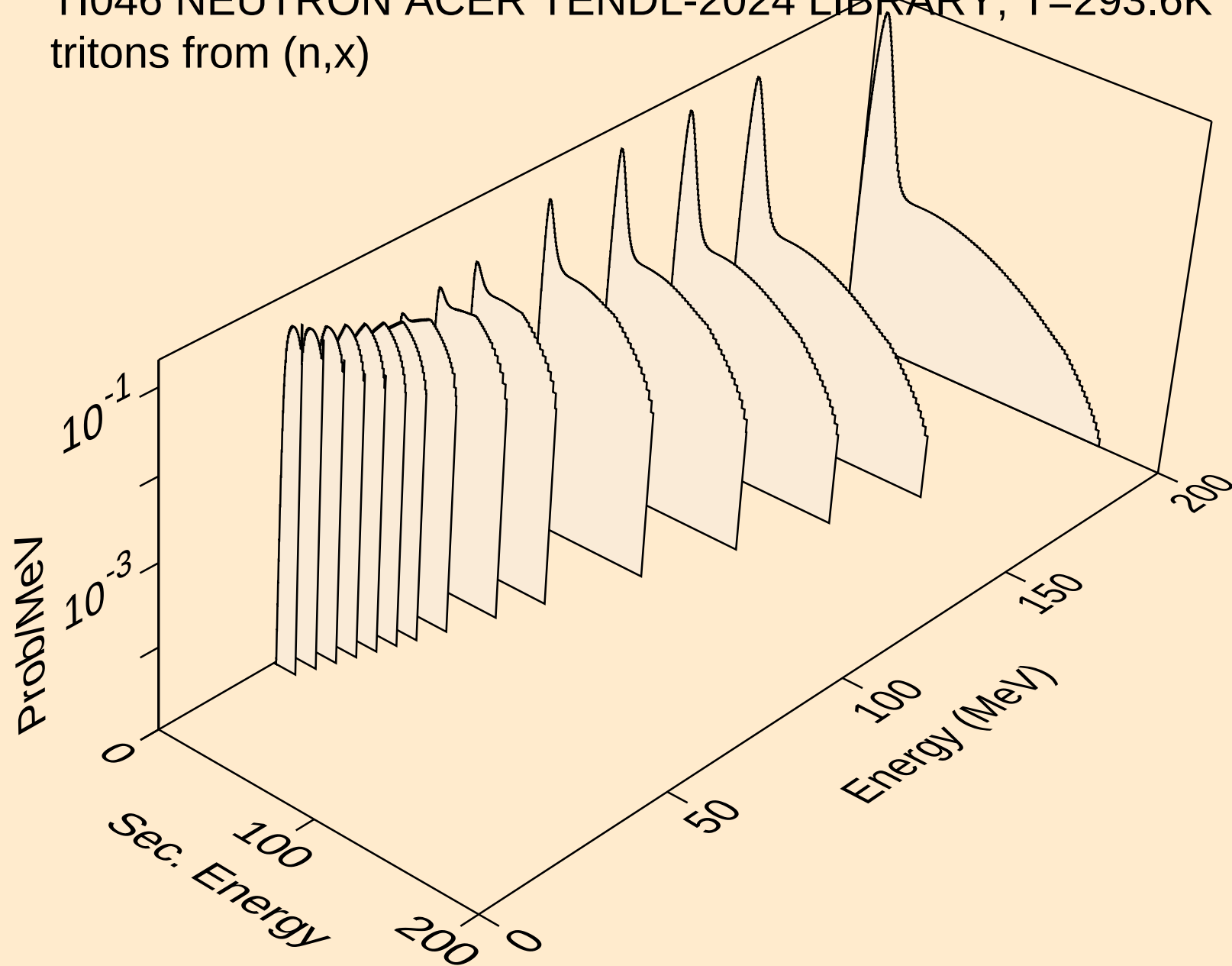
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deuterons from (n,pd)



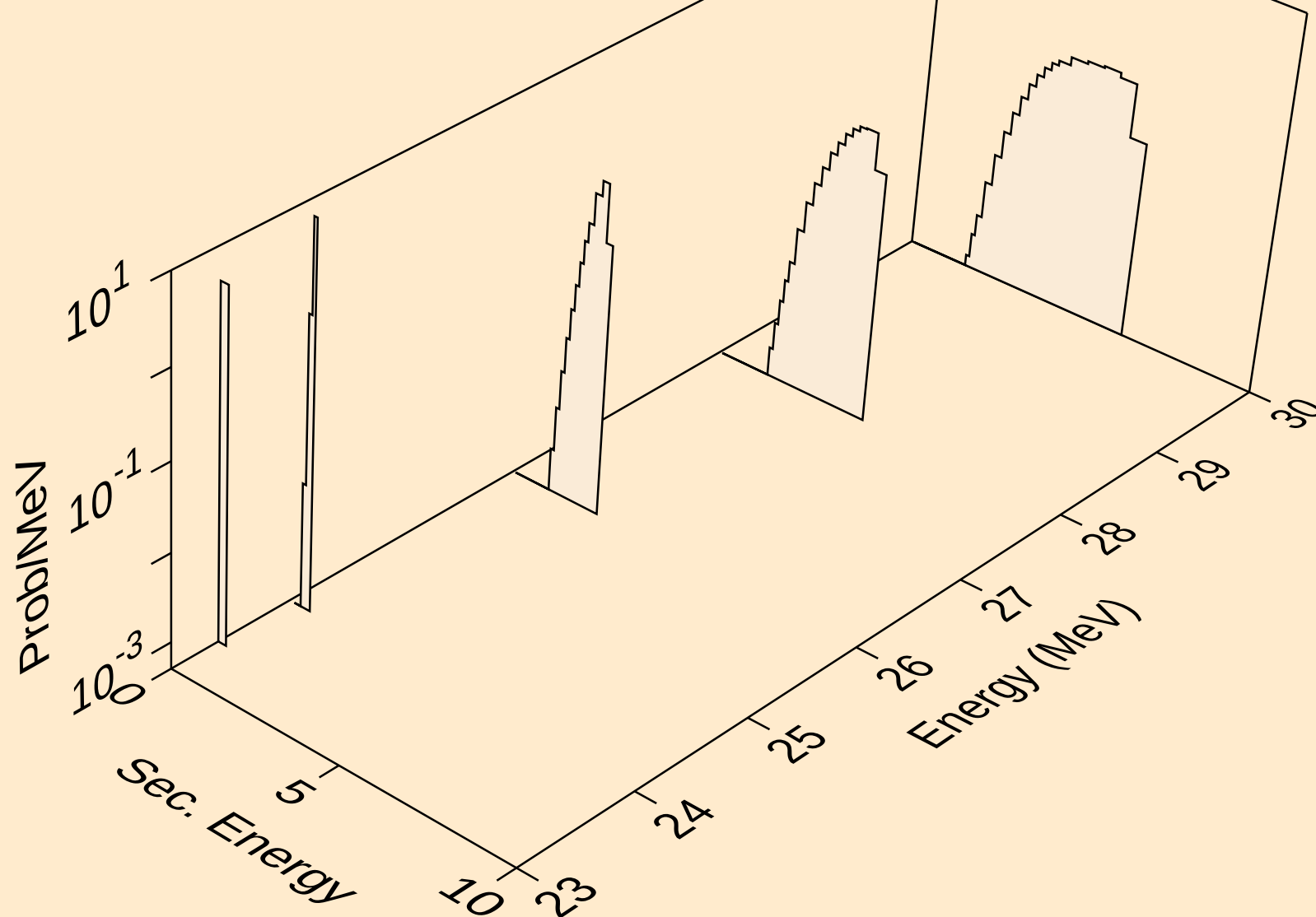
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deuterons from (n,da)



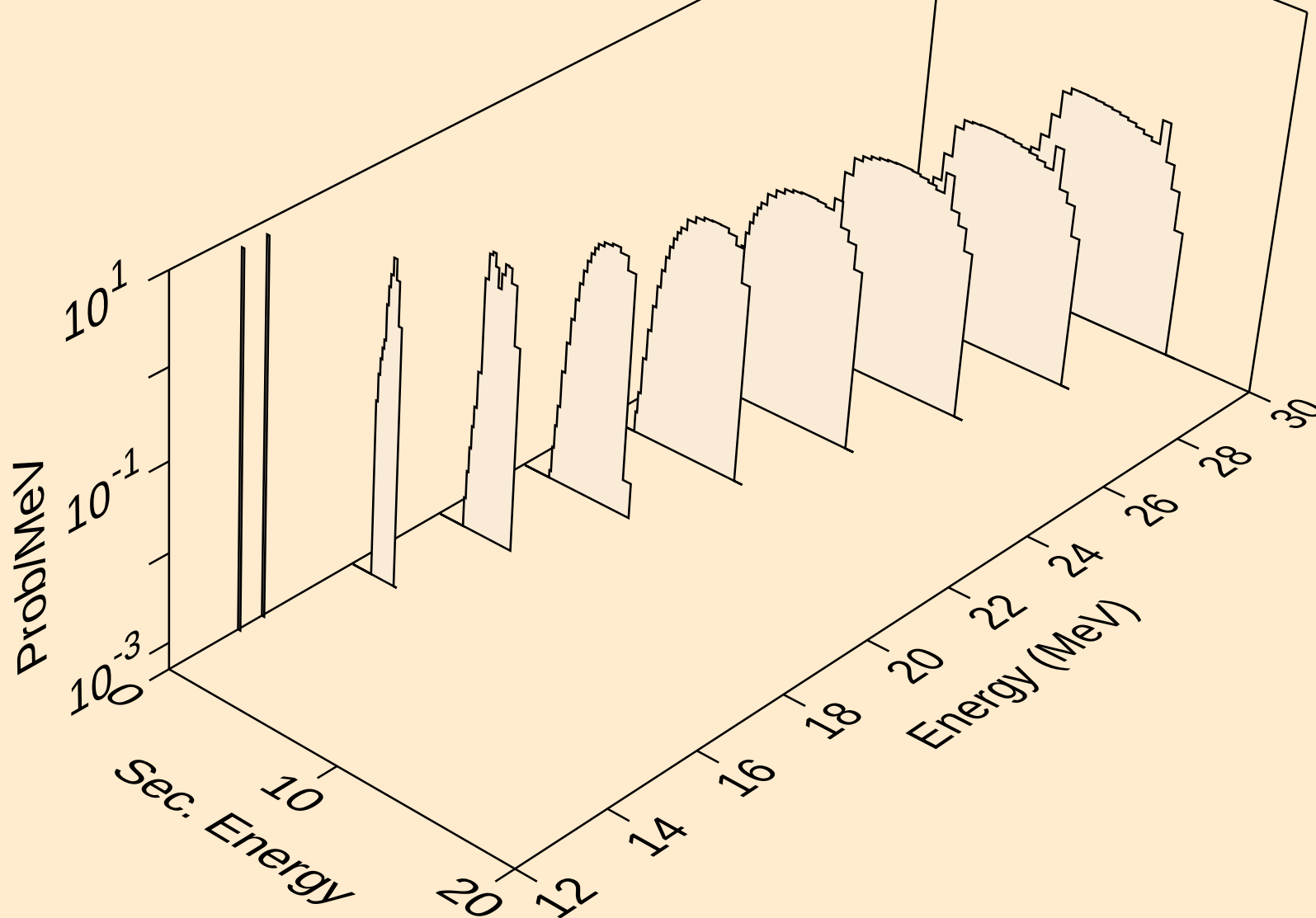
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tritons from (n,x)



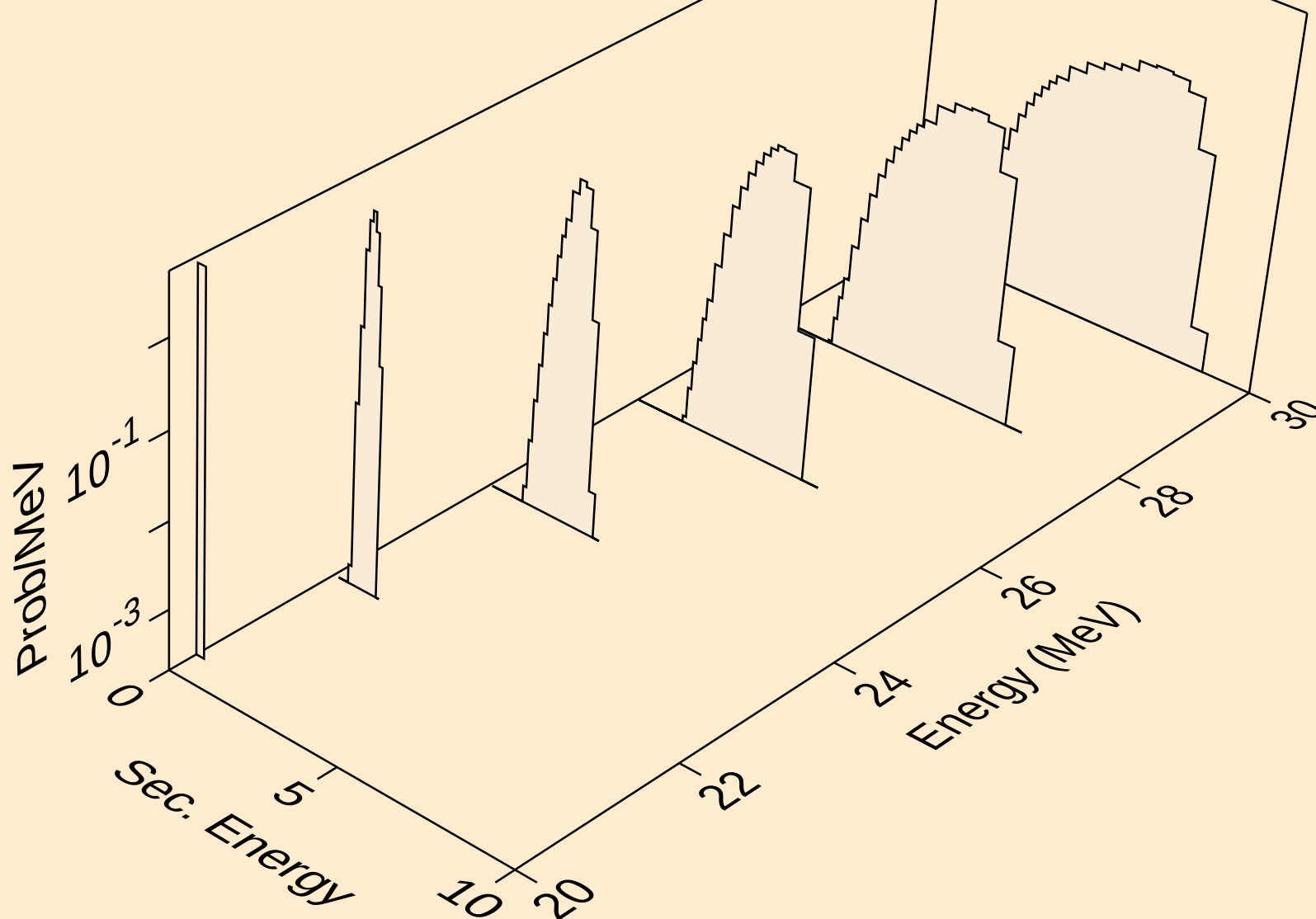
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tritons from (n,n\*)t



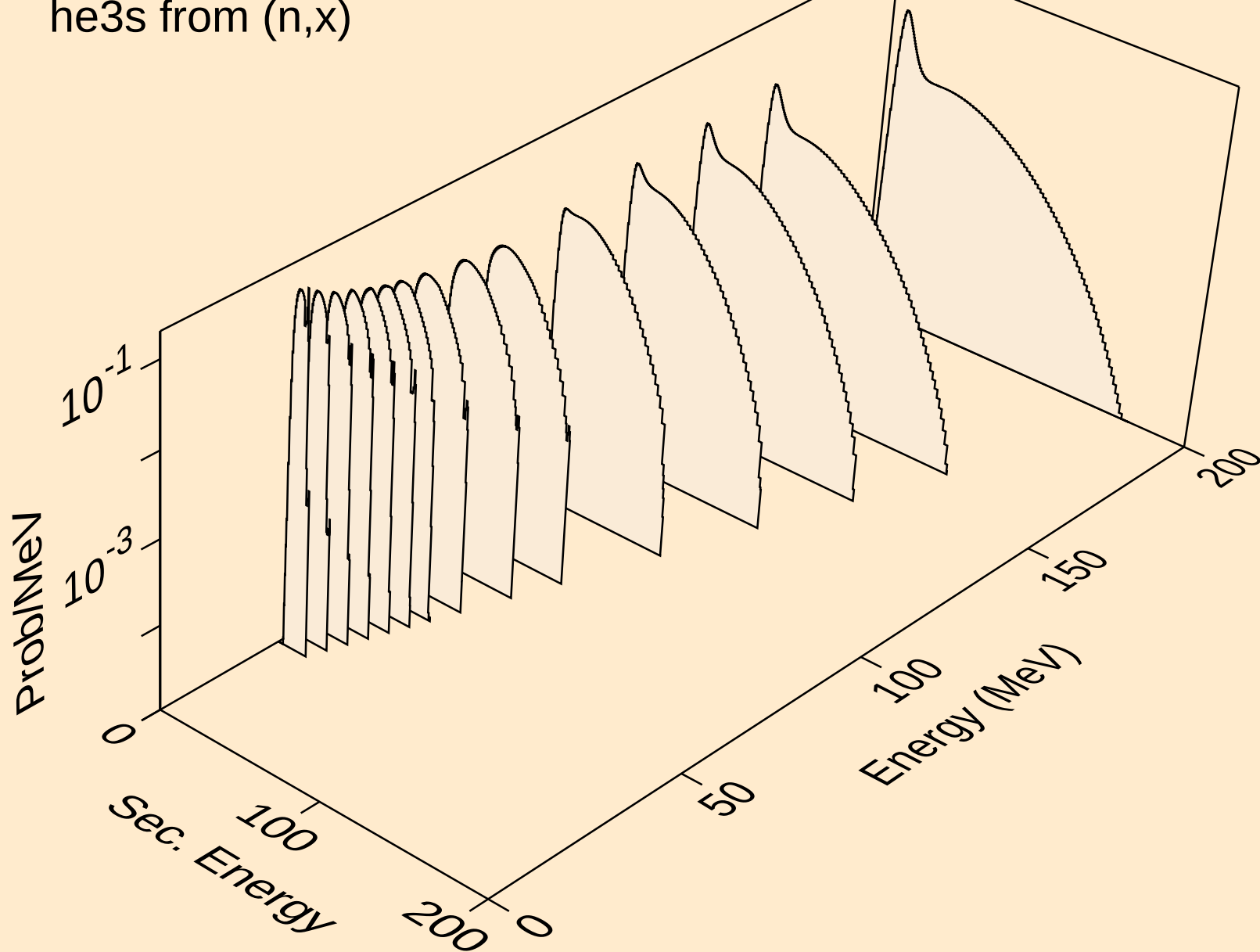
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tritons from (n,t)



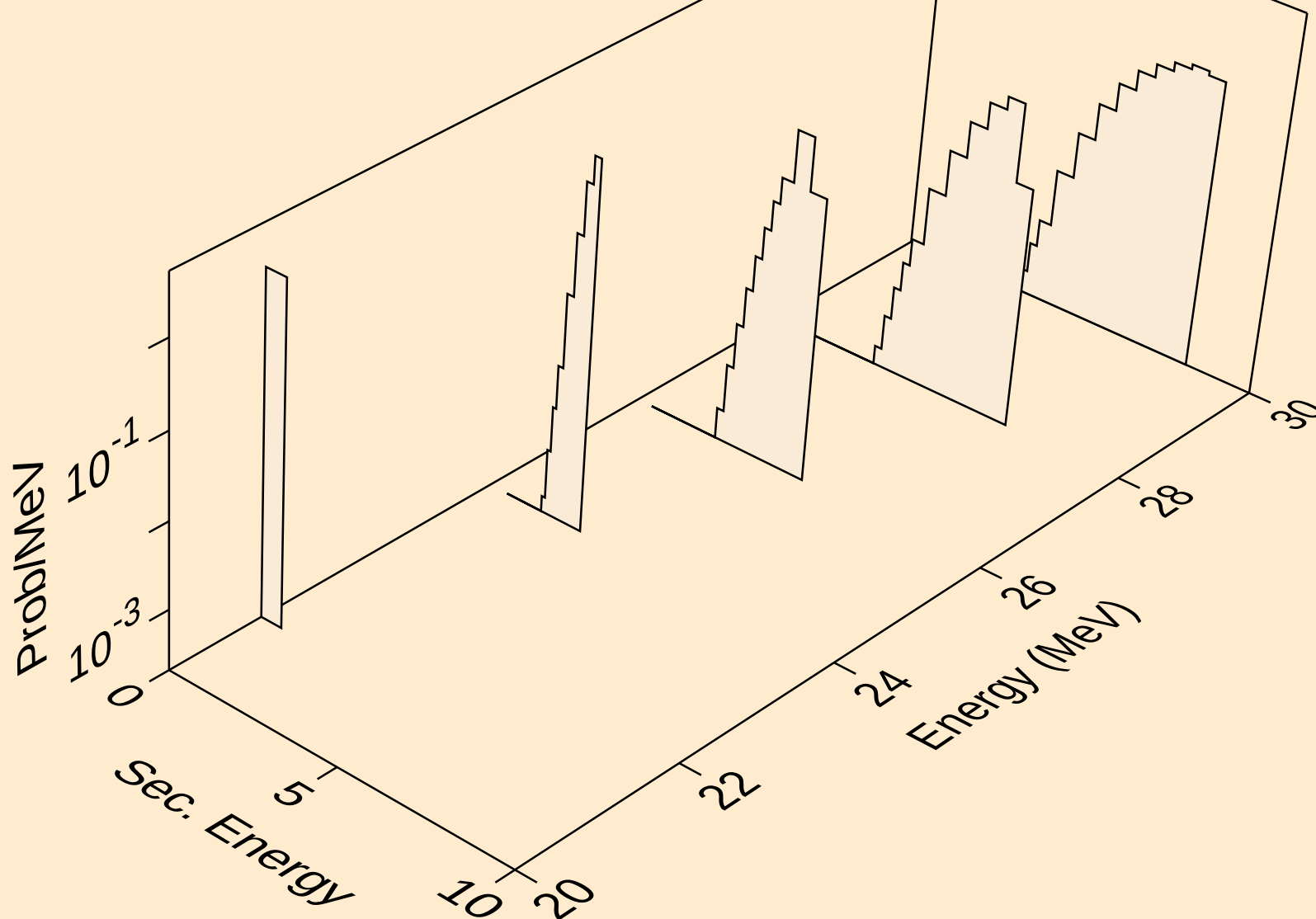
TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)

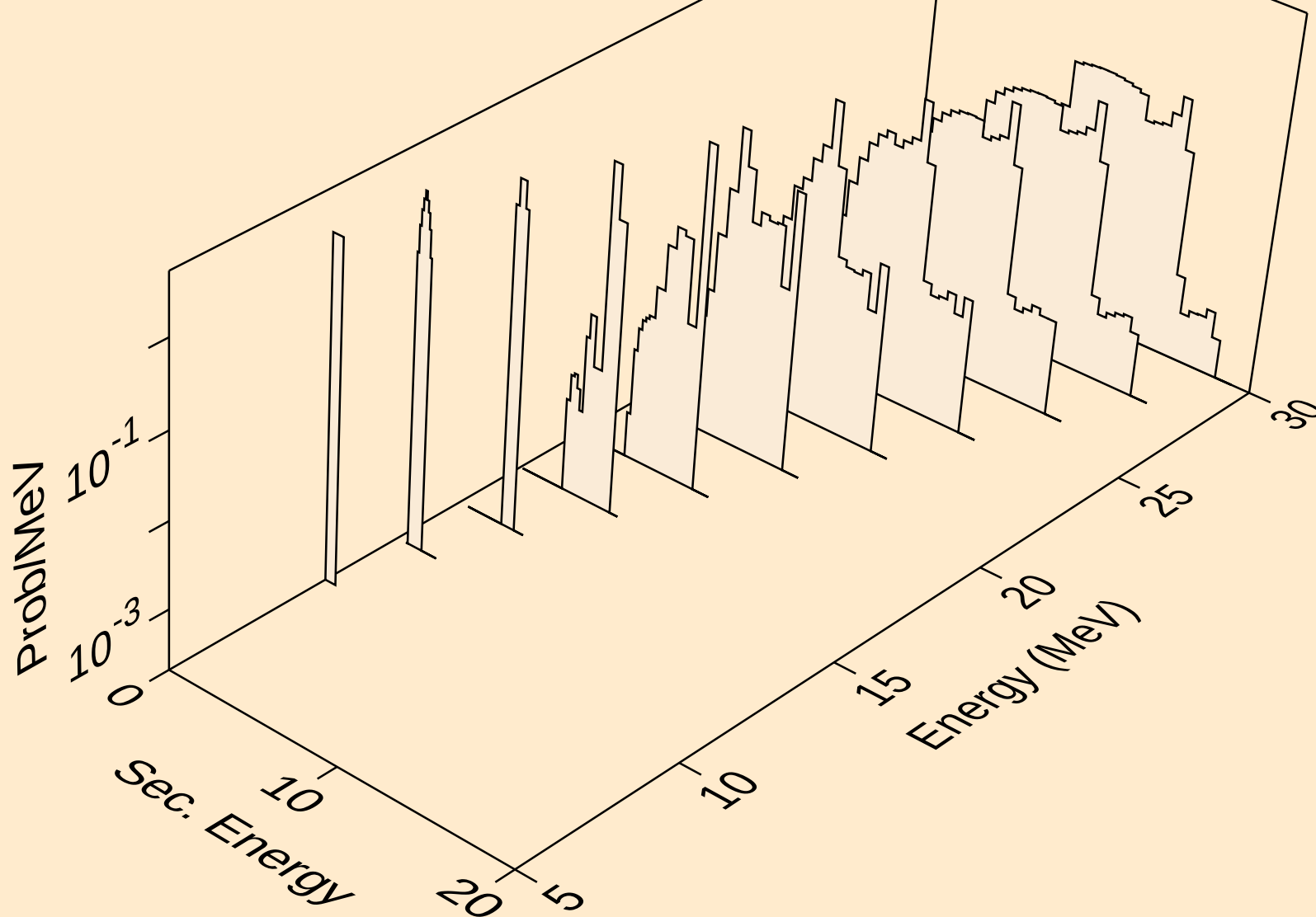


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

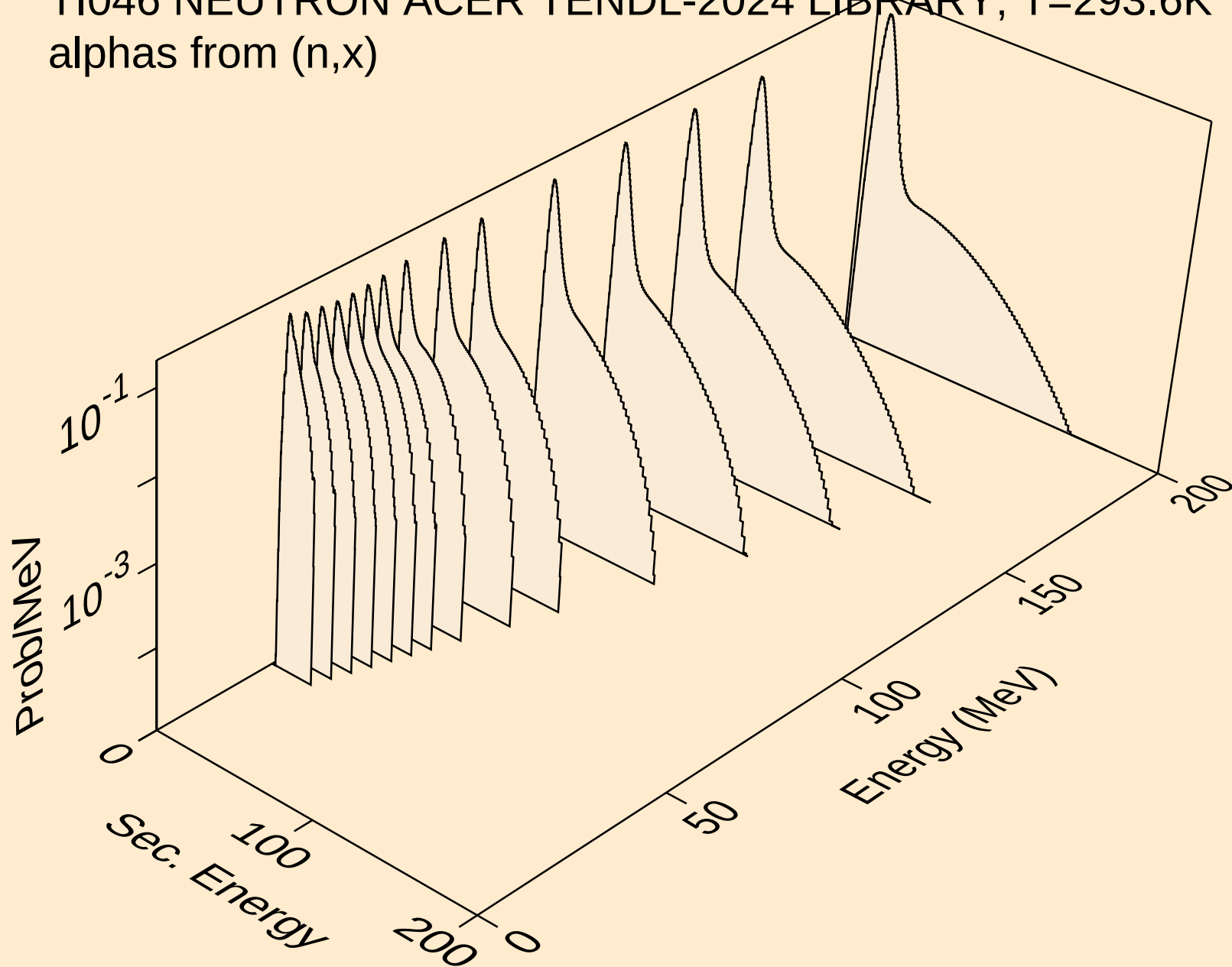




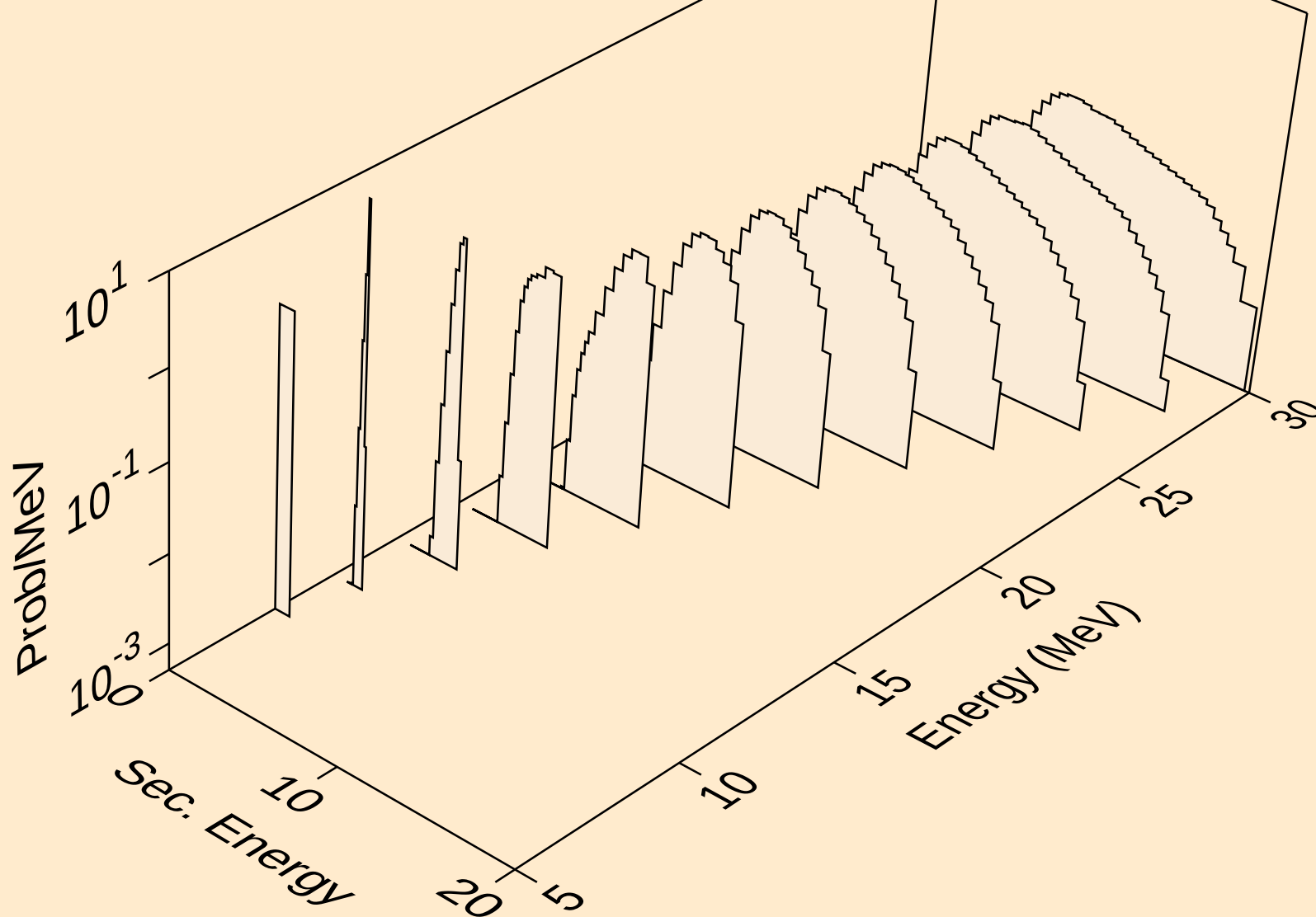
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he3s from (n,he3)



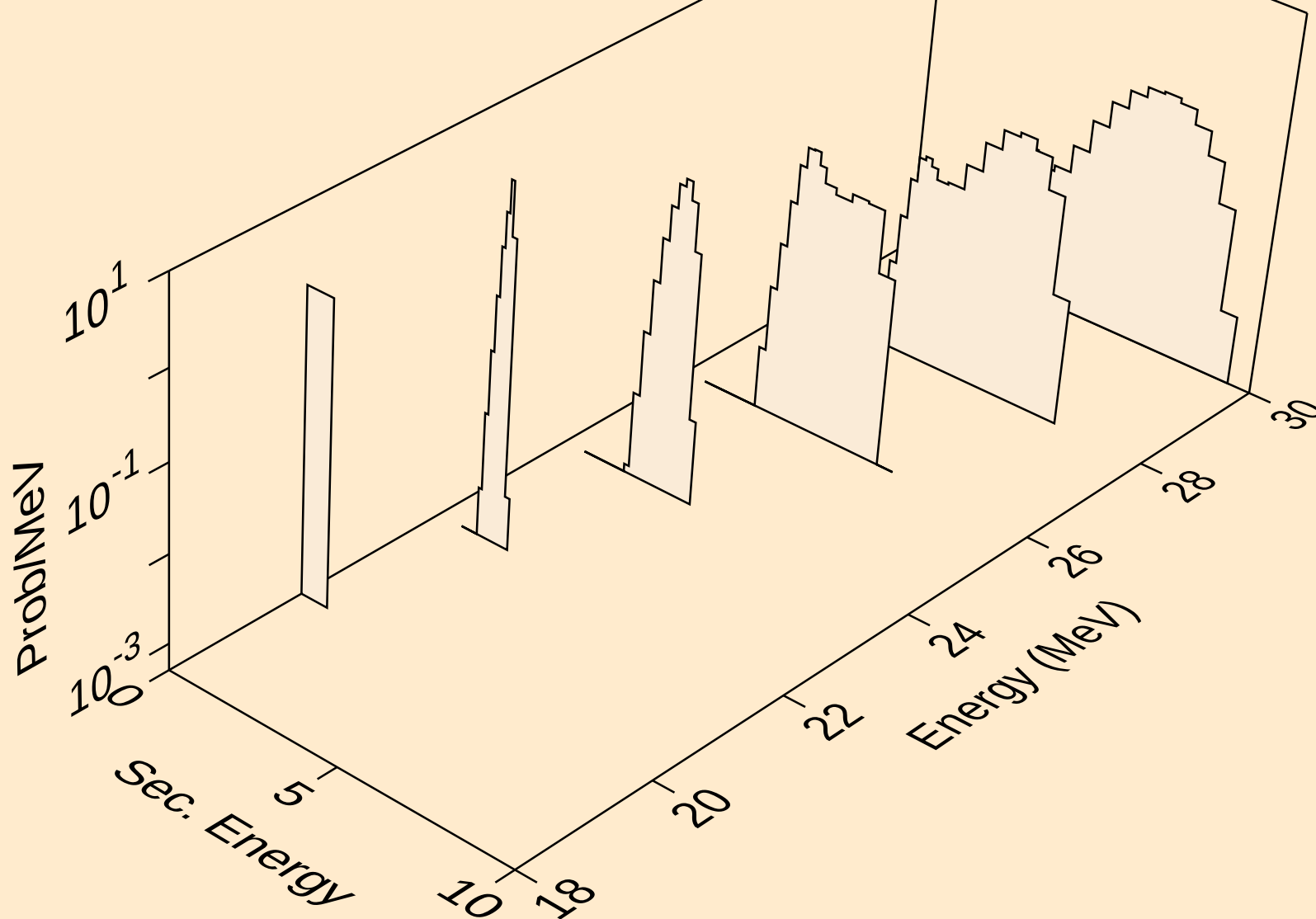
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alphas from (n,x)



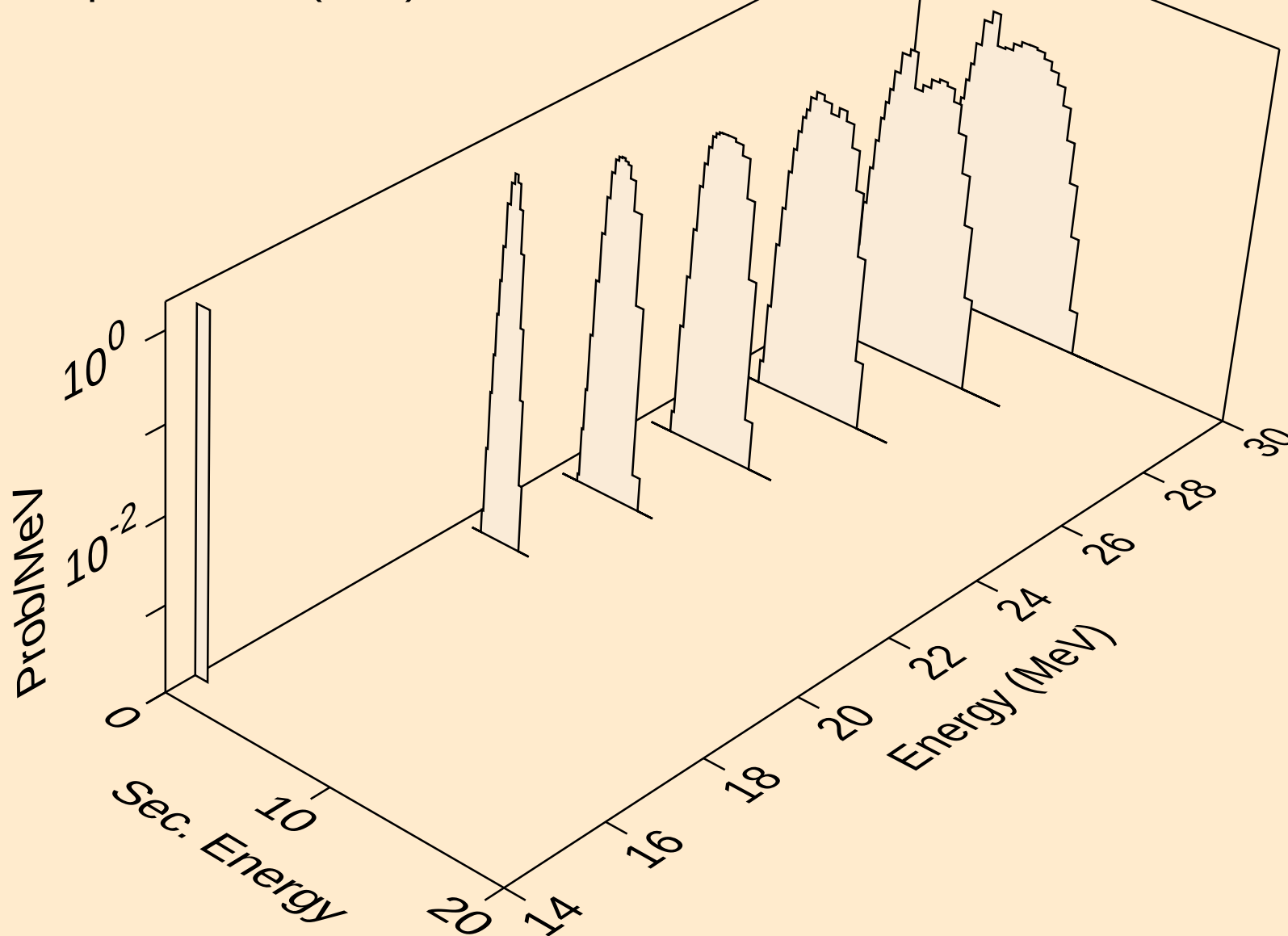
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alphas from (n,n\*)a



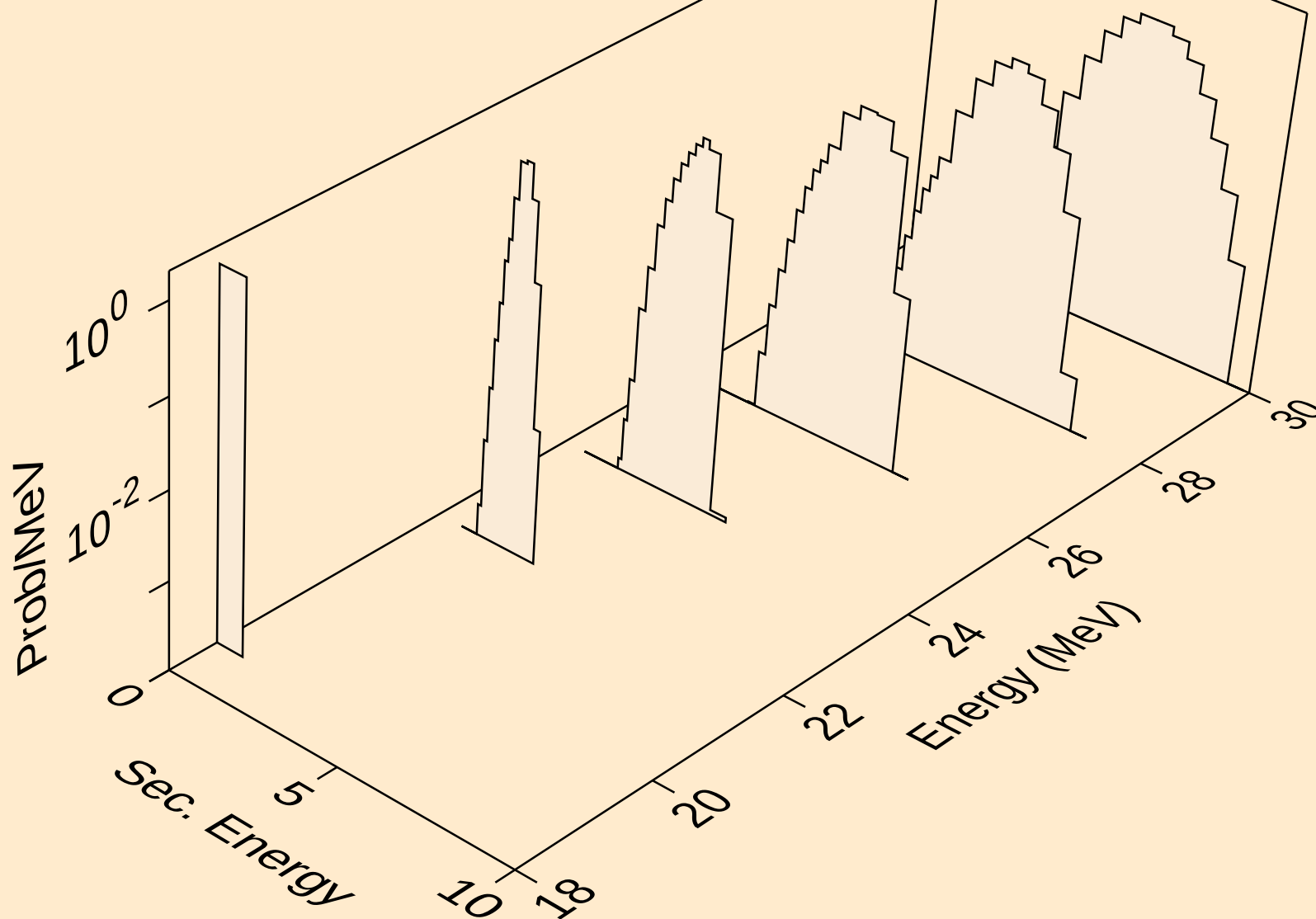
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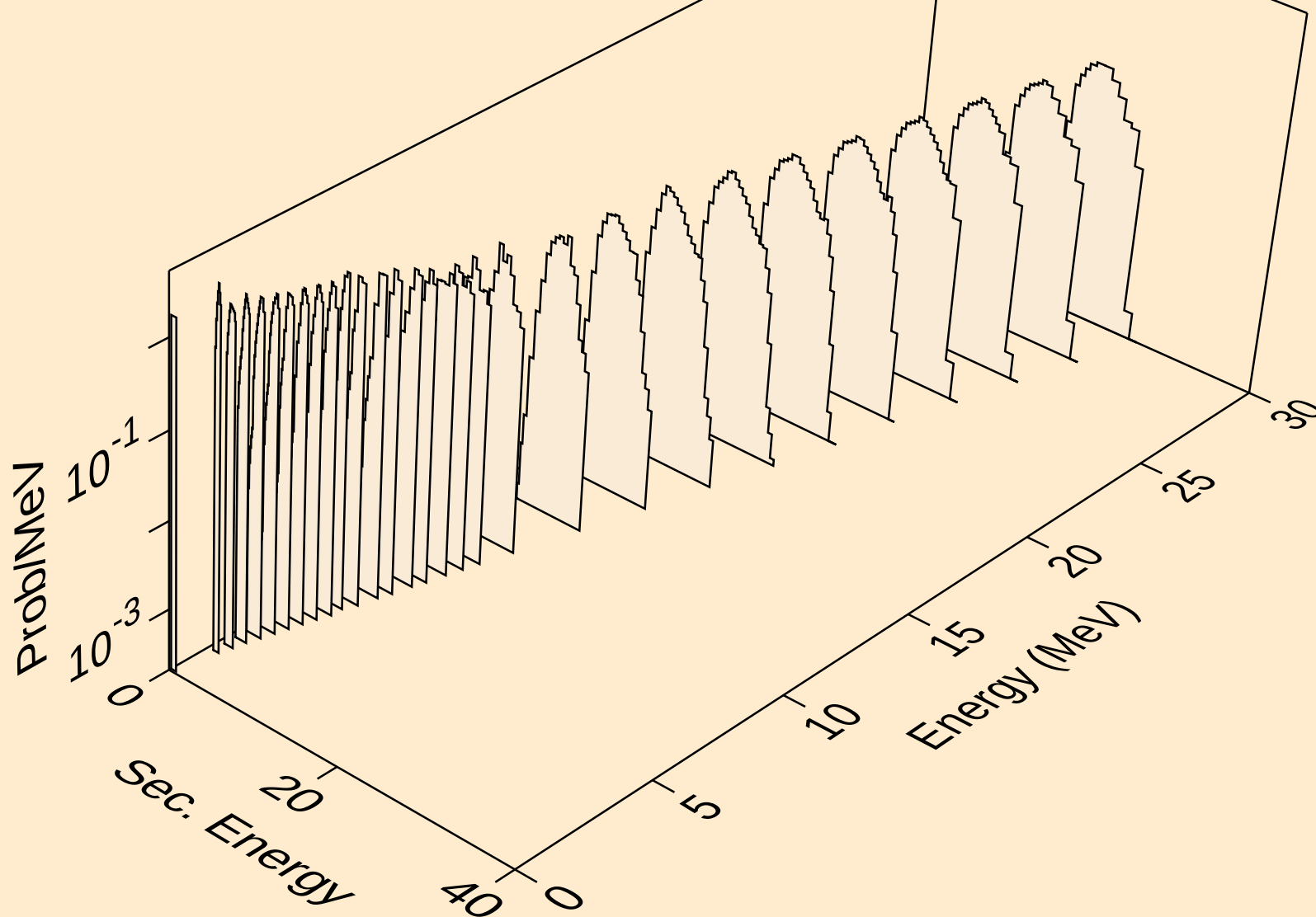
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alphas from (n,n\*)2a



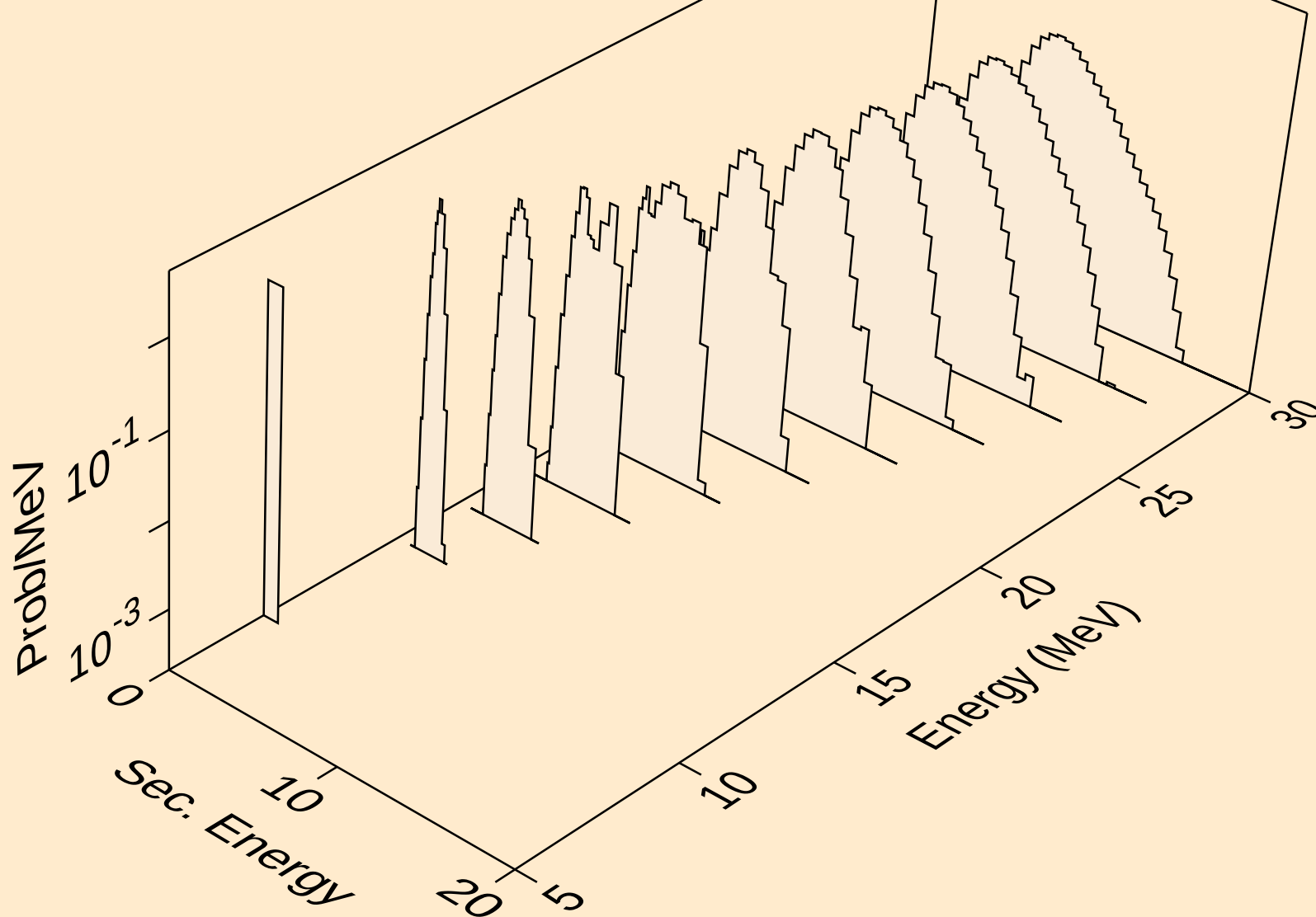
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alphas from (n,npa)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

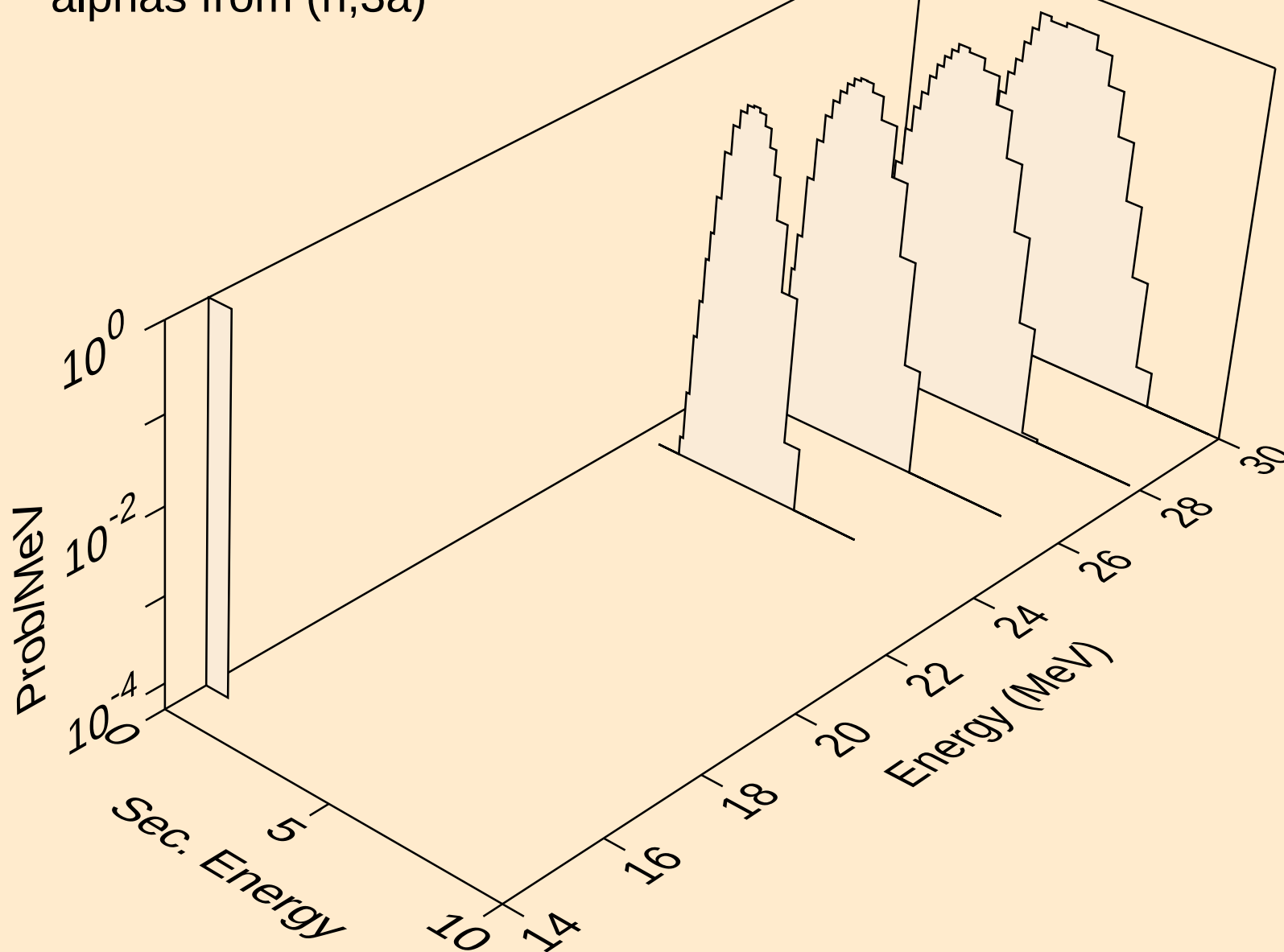


TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)

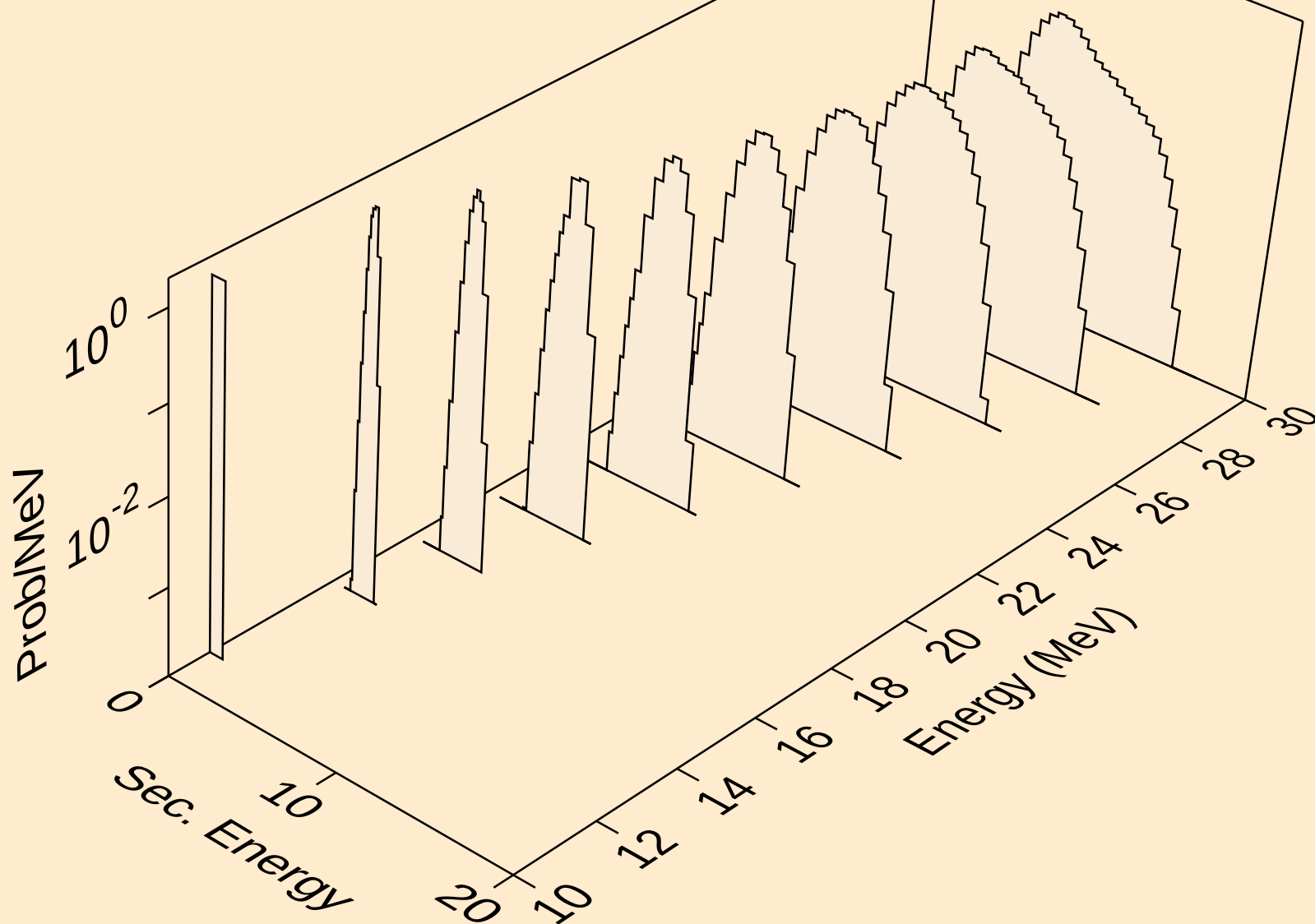




TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



TI046 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

