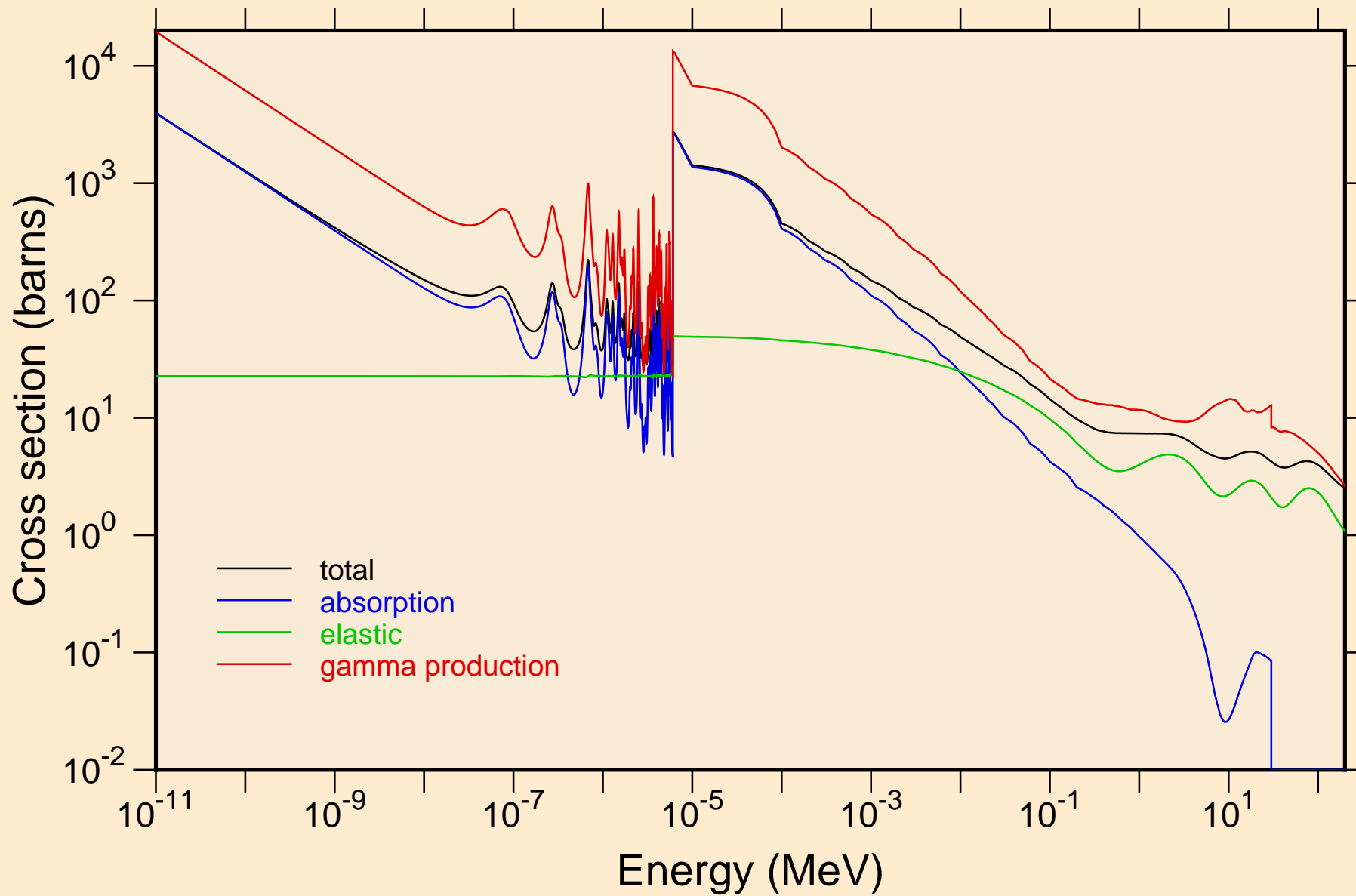
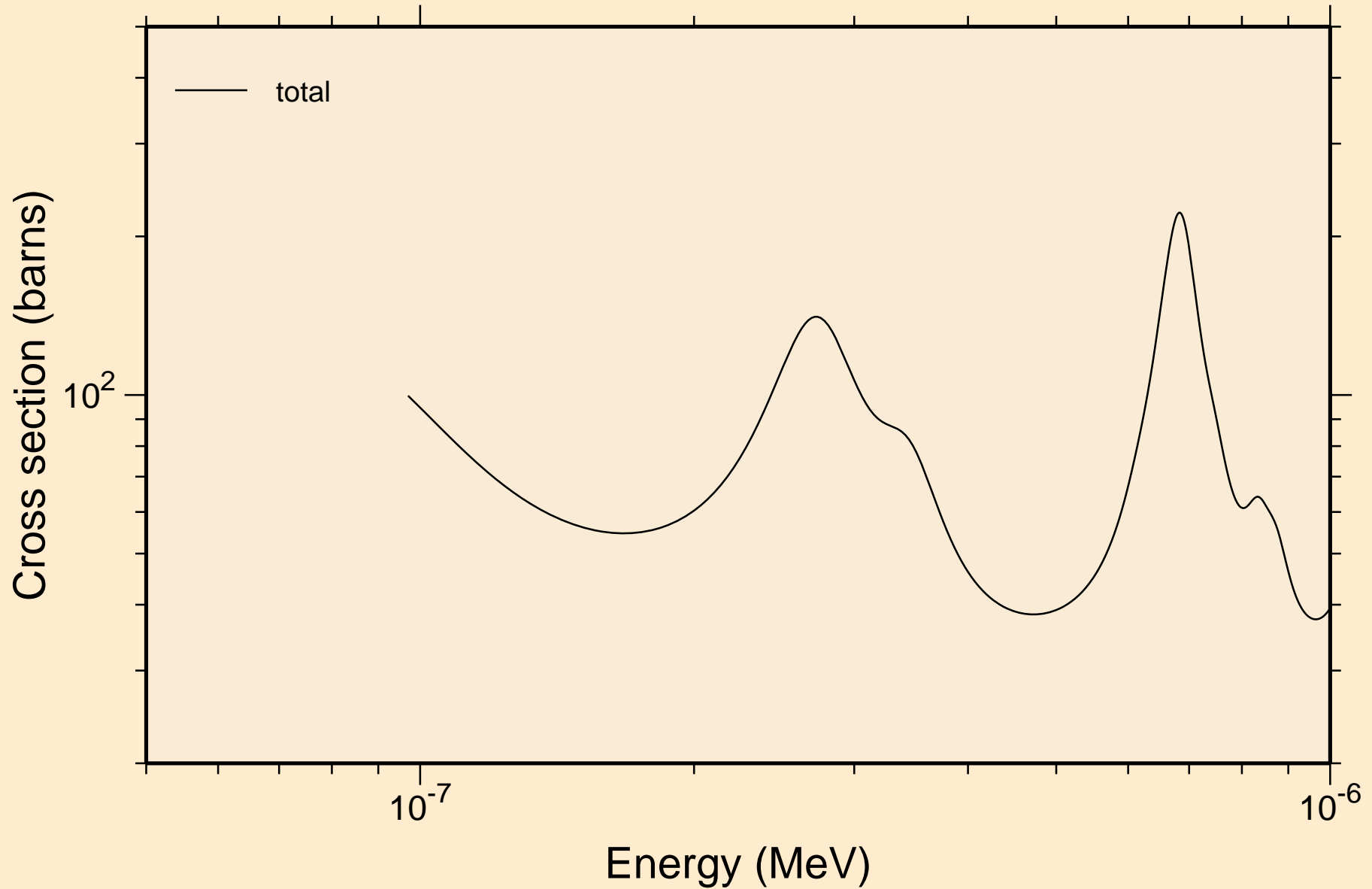


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

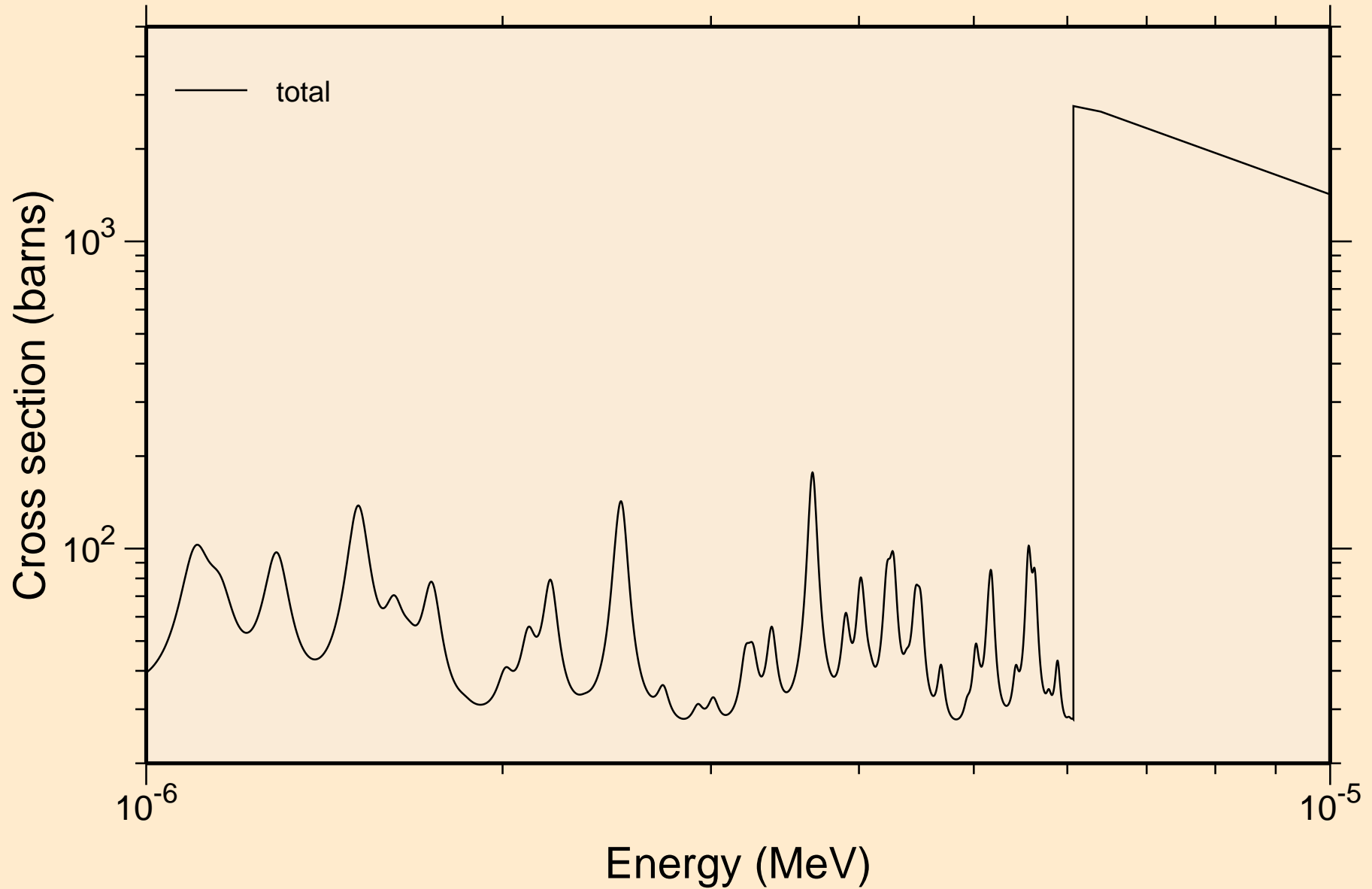
## Principal cross sections



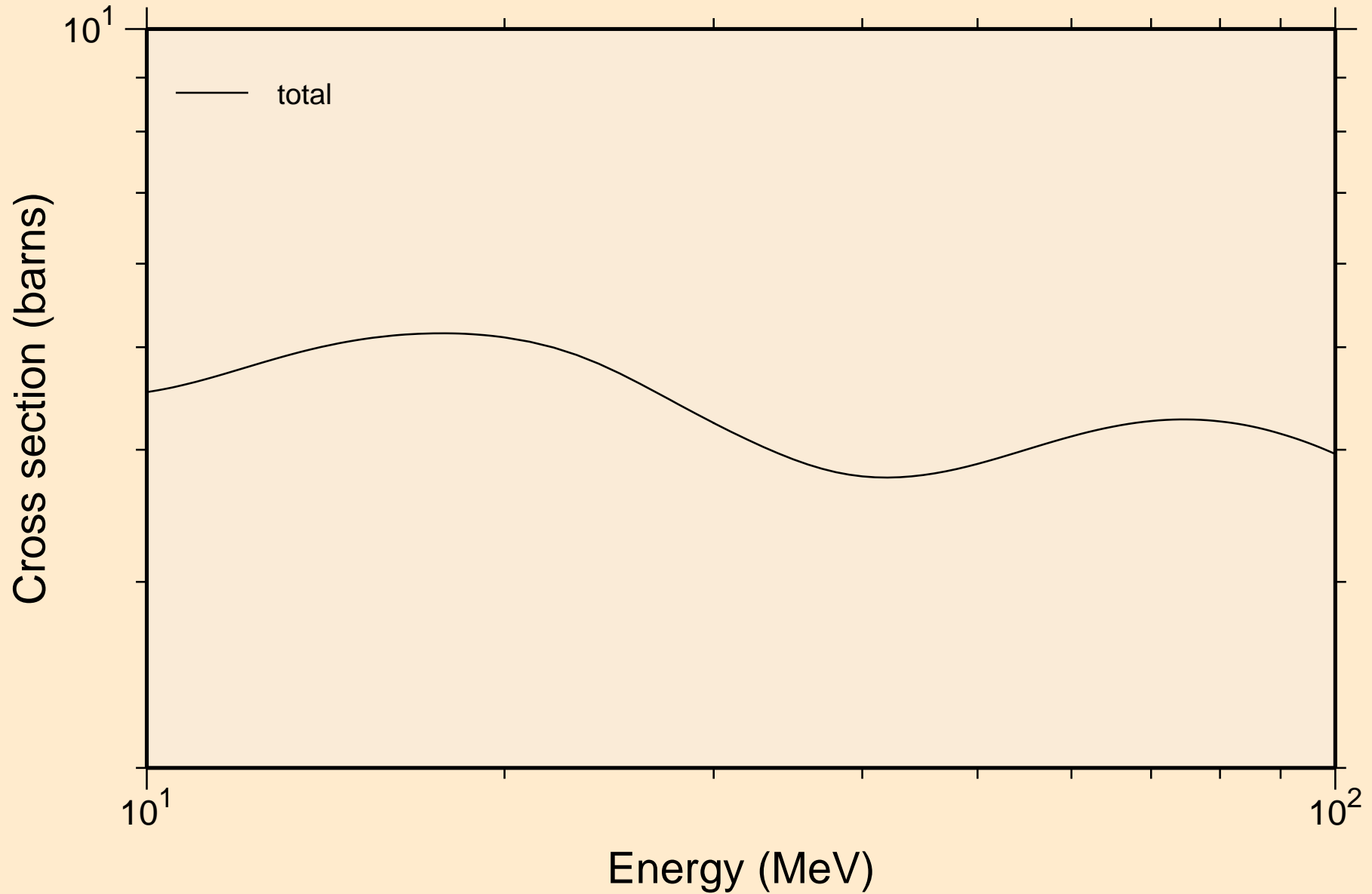
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



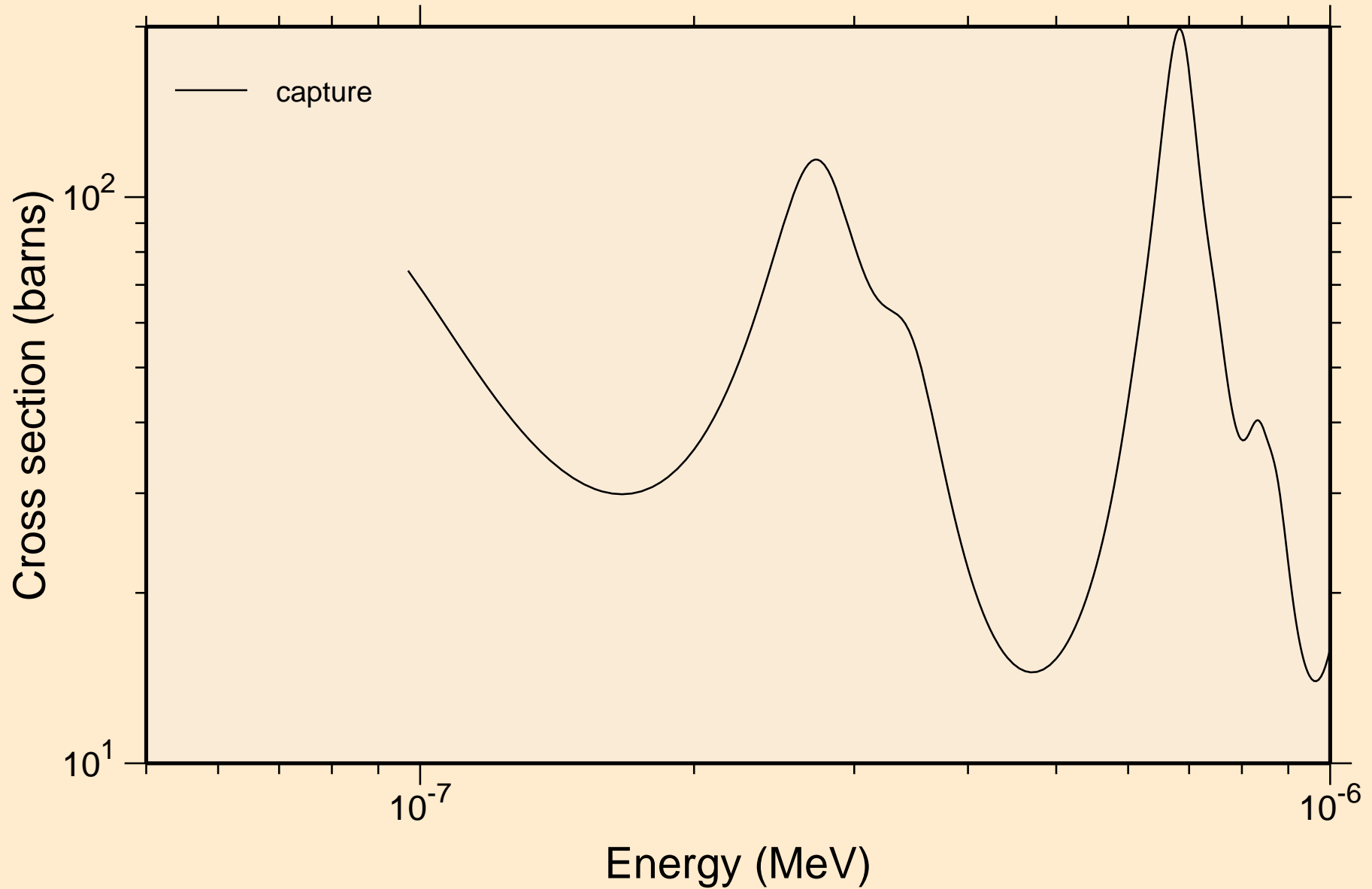
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



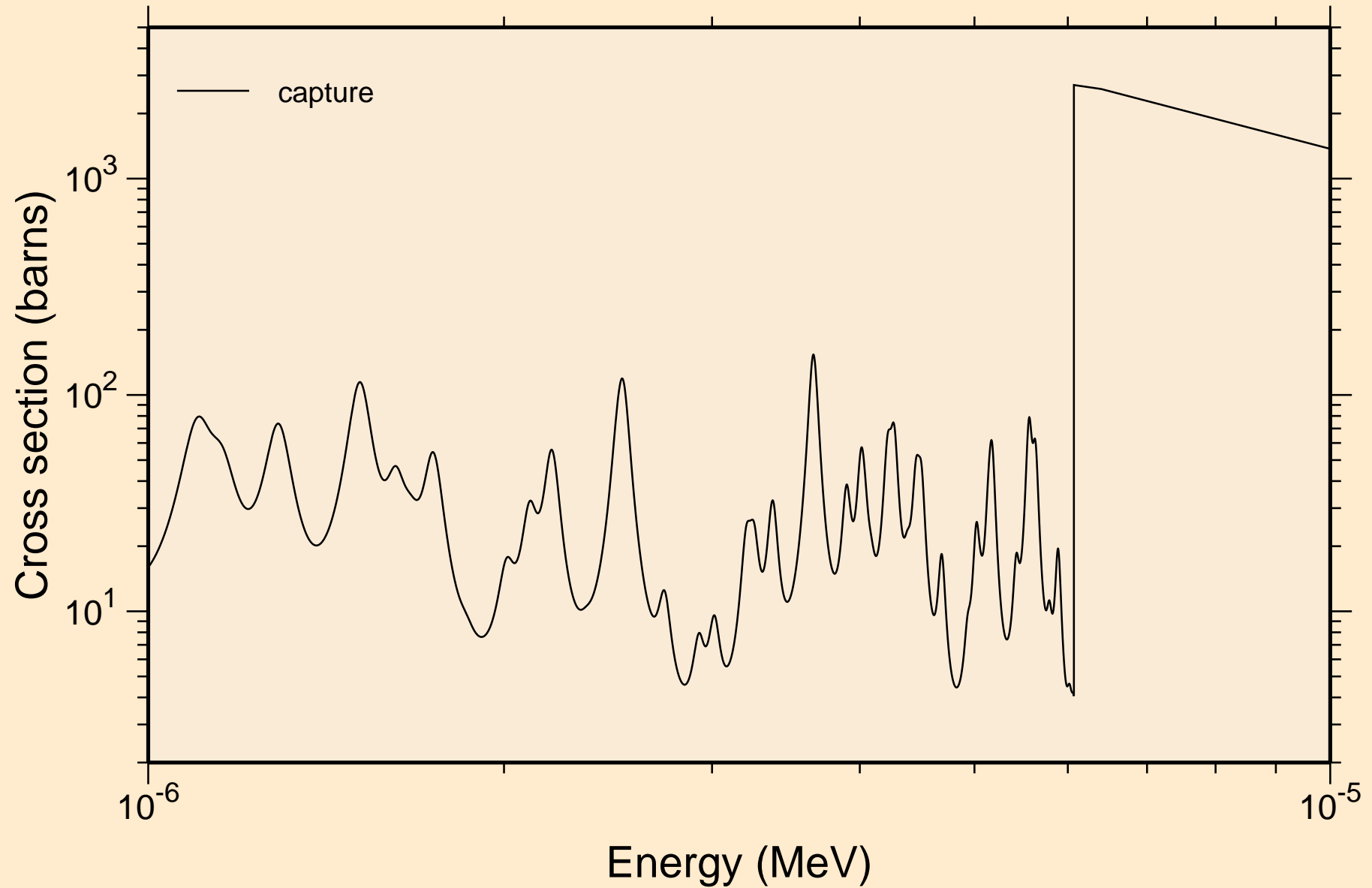
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



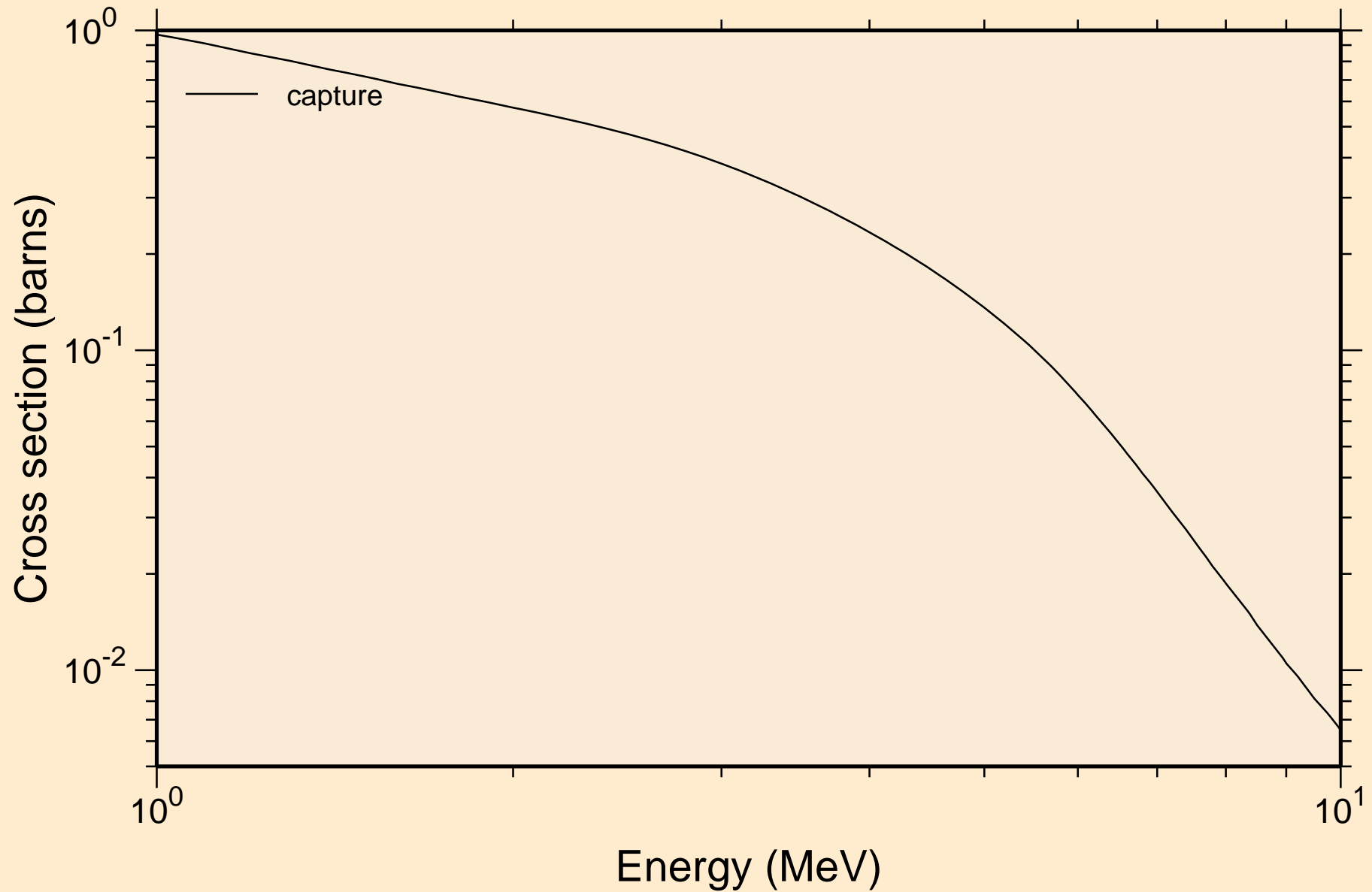
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

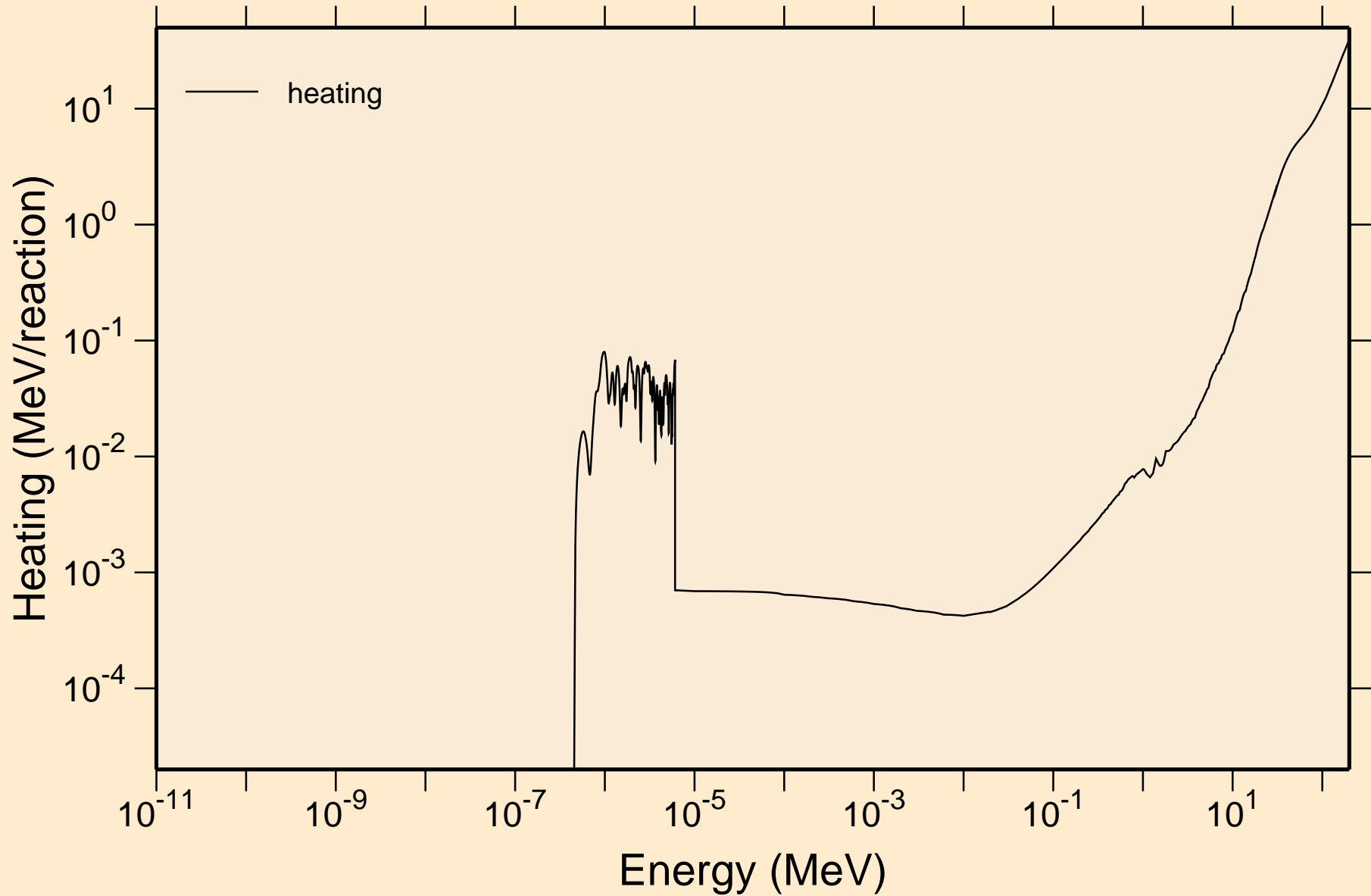


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

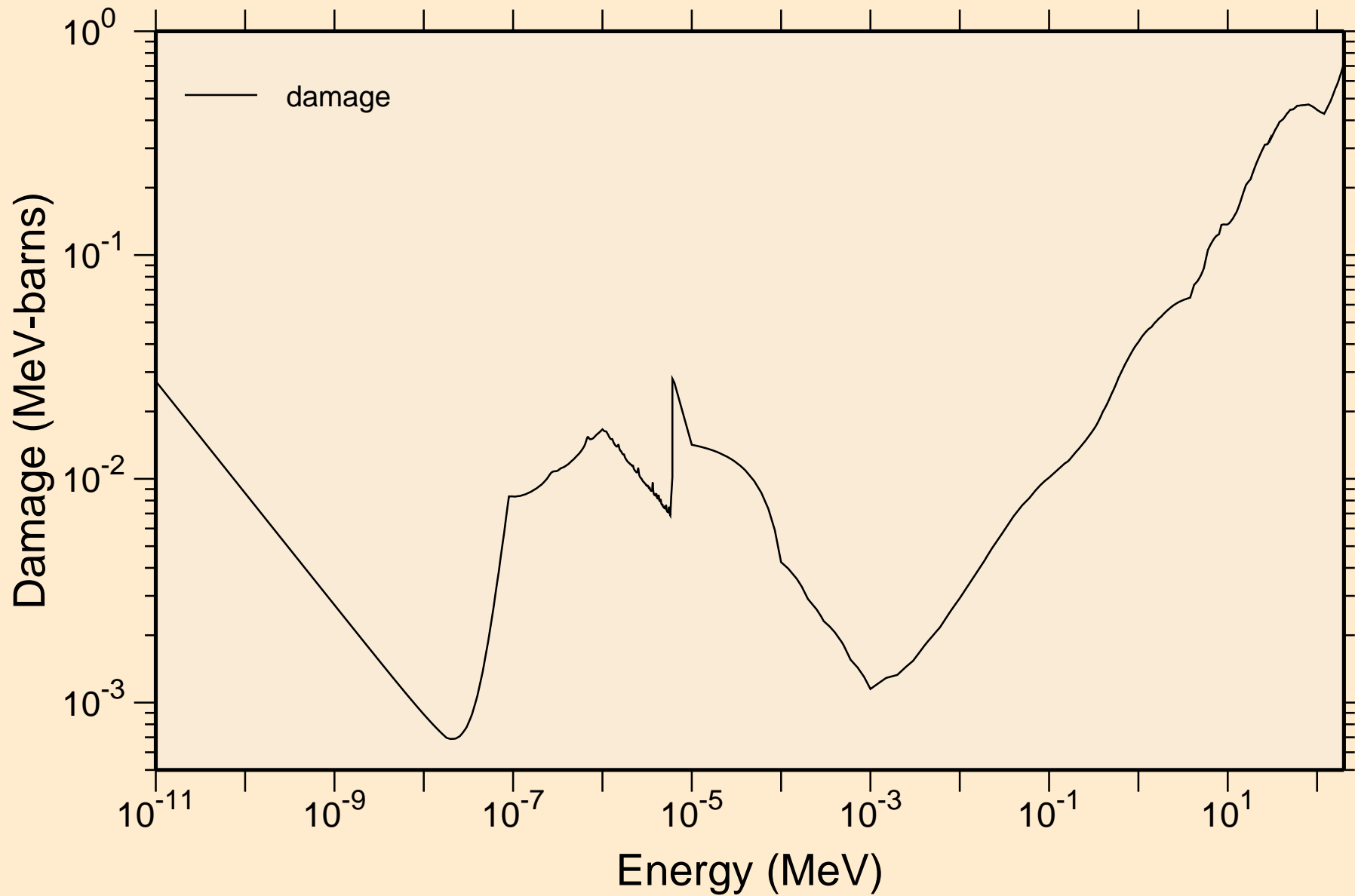
## Heating





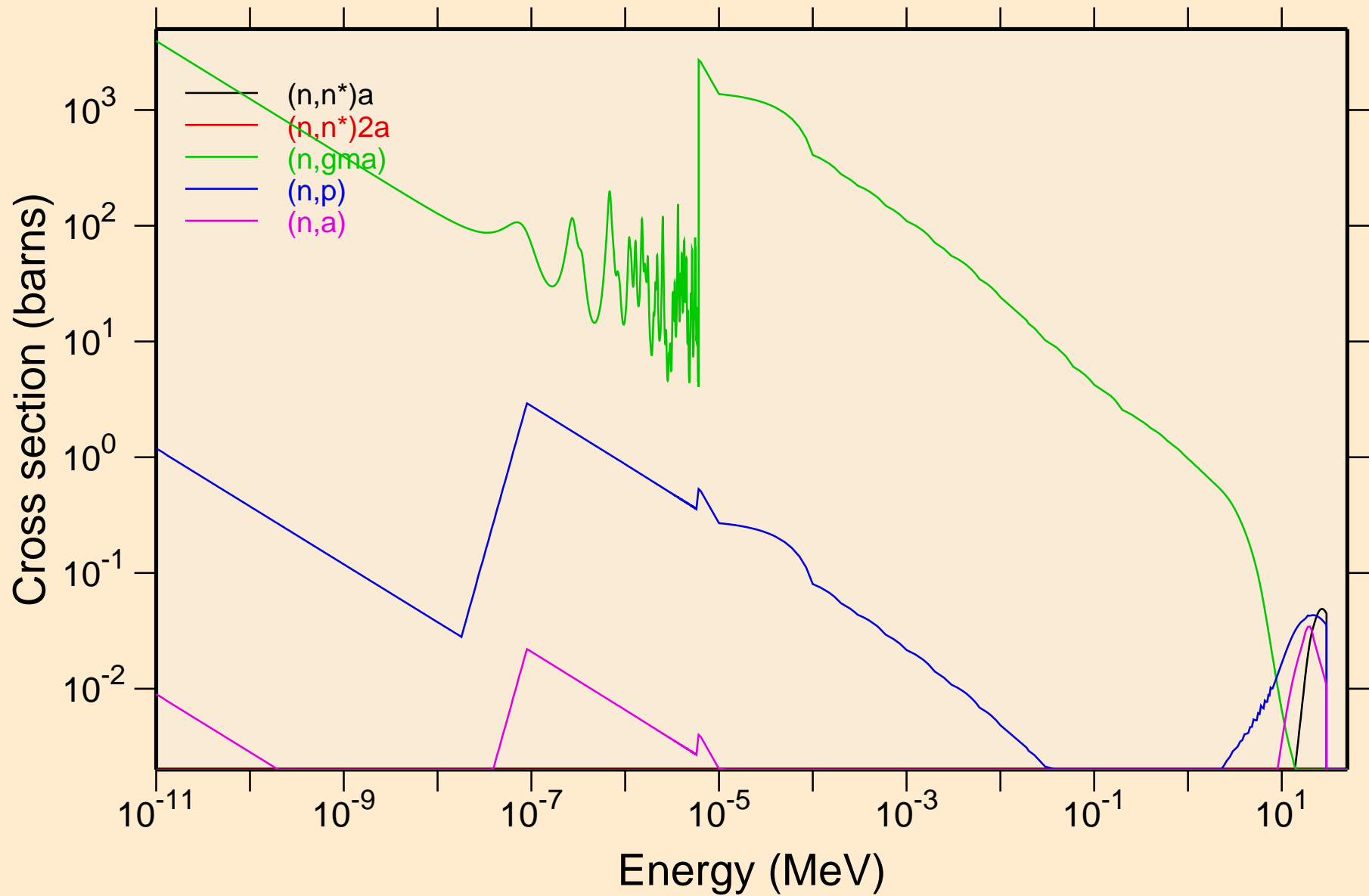
# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

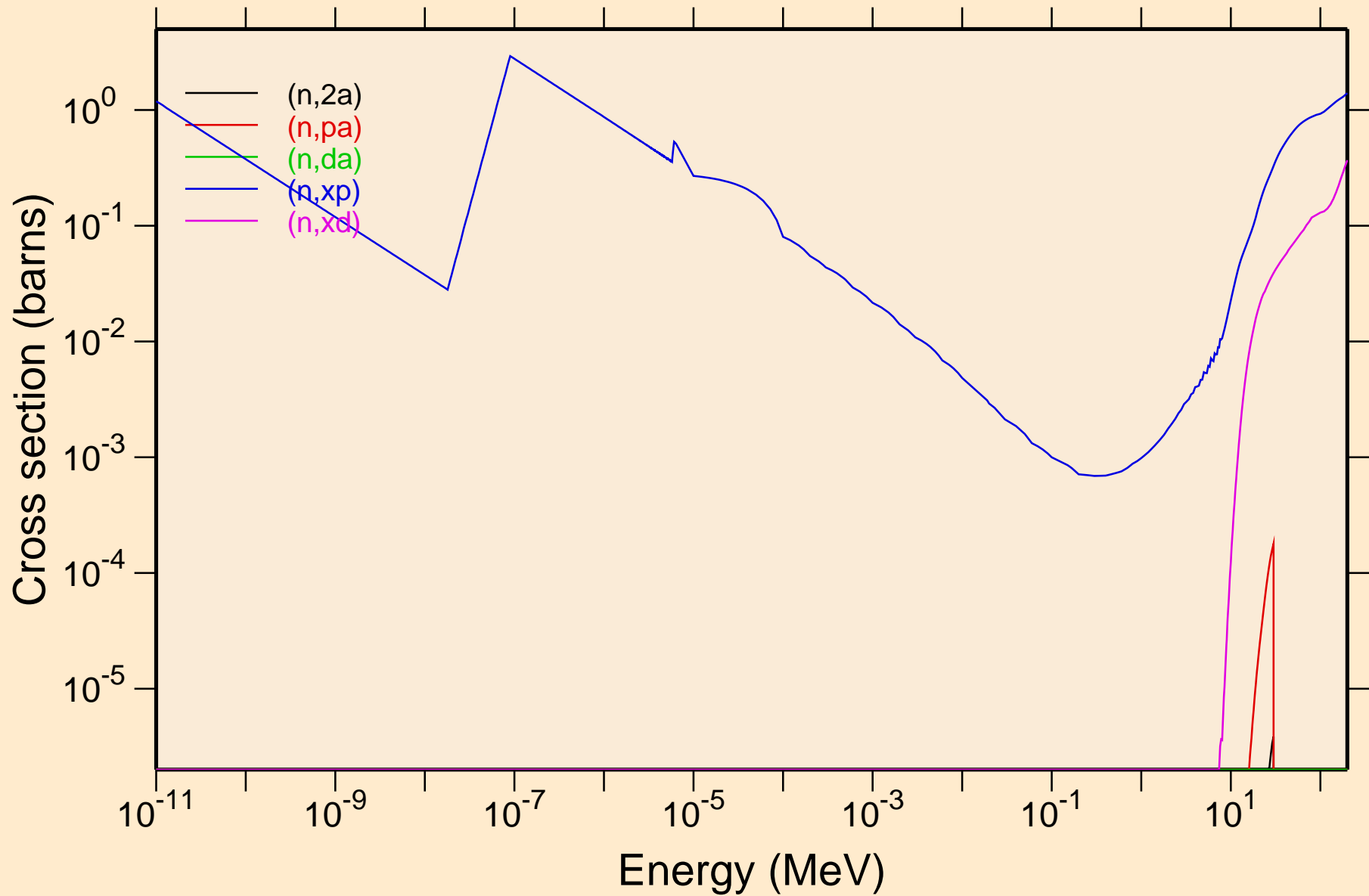


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

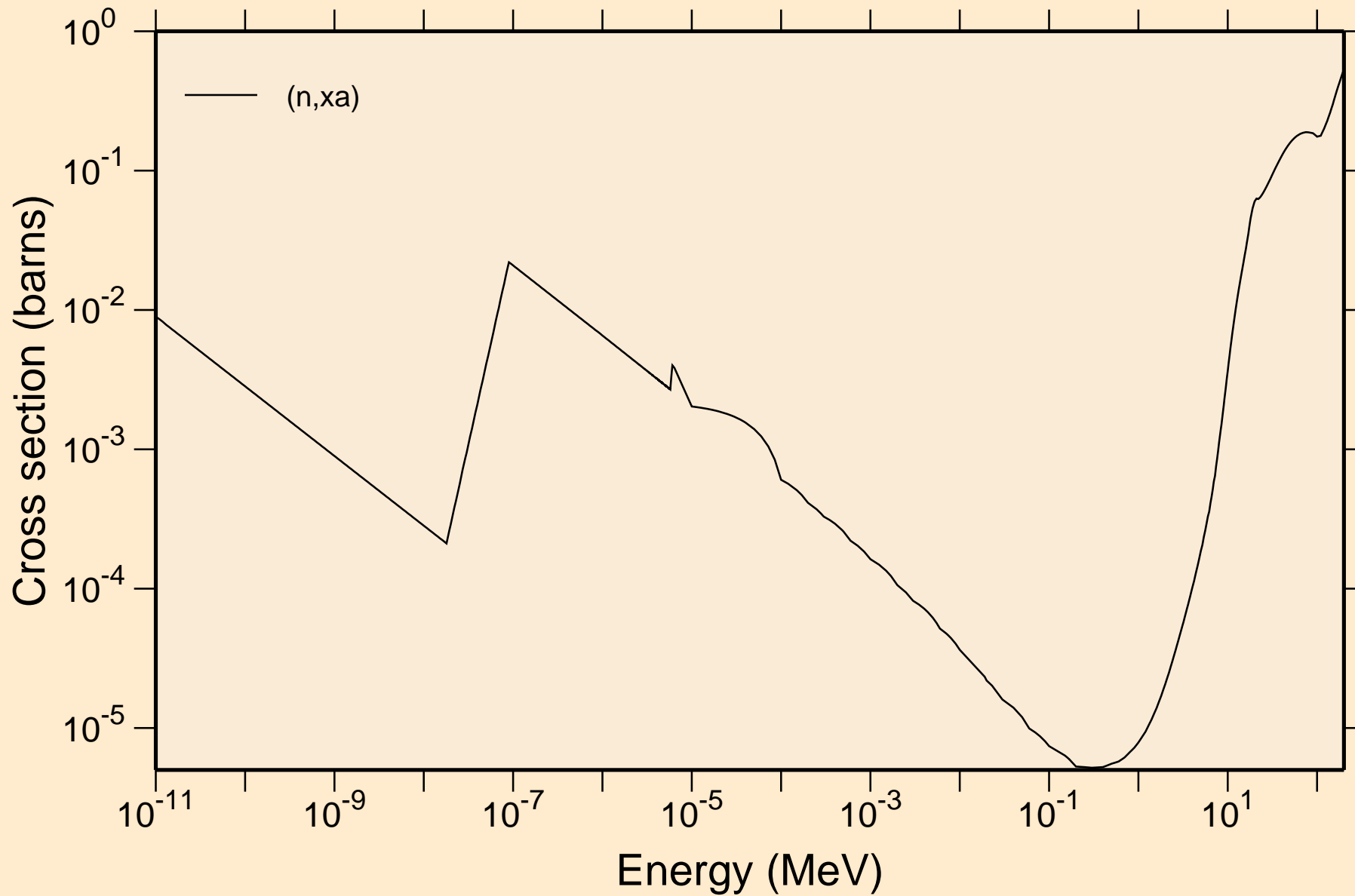
## Non-threshold reactions



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

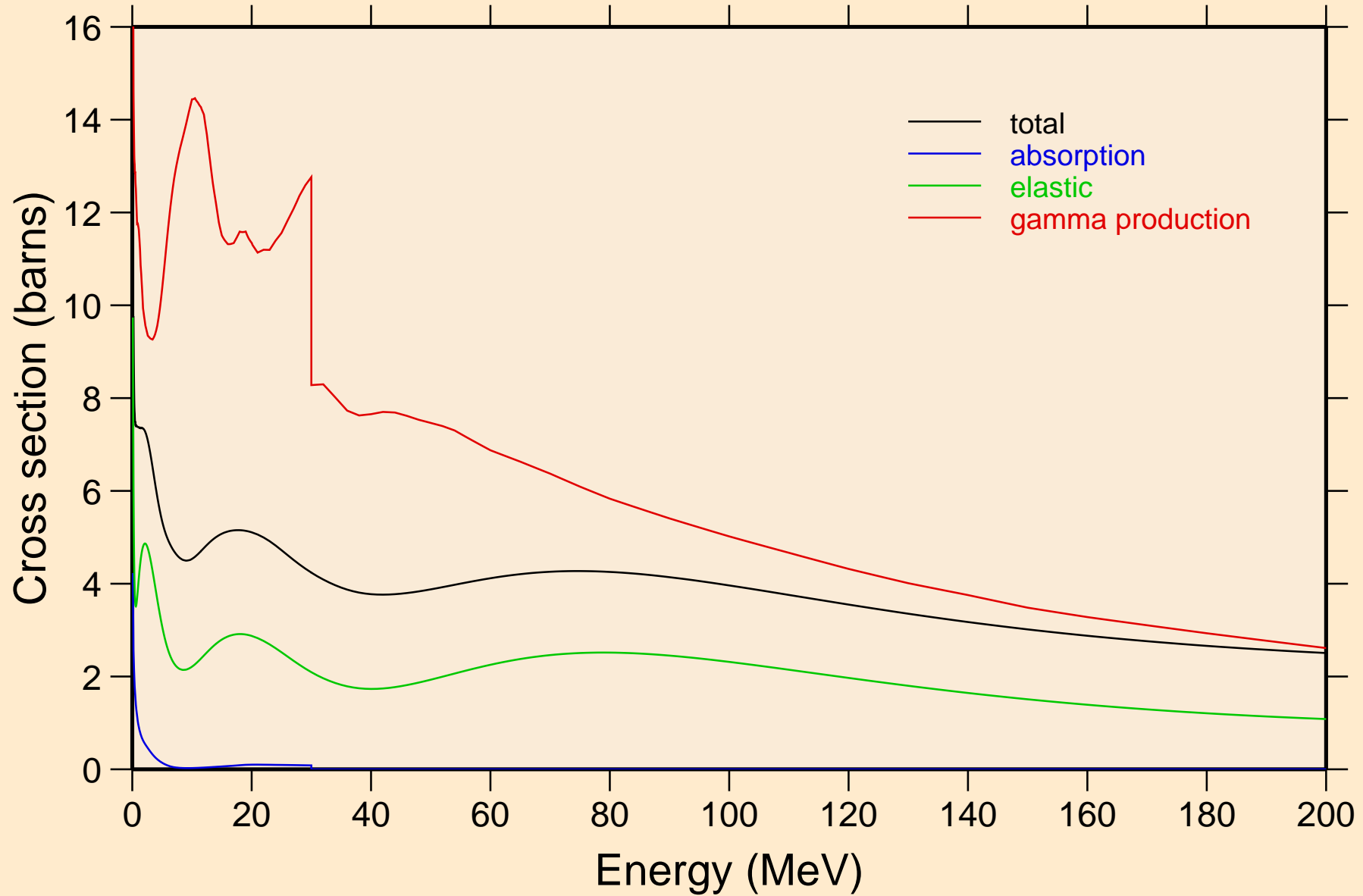


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



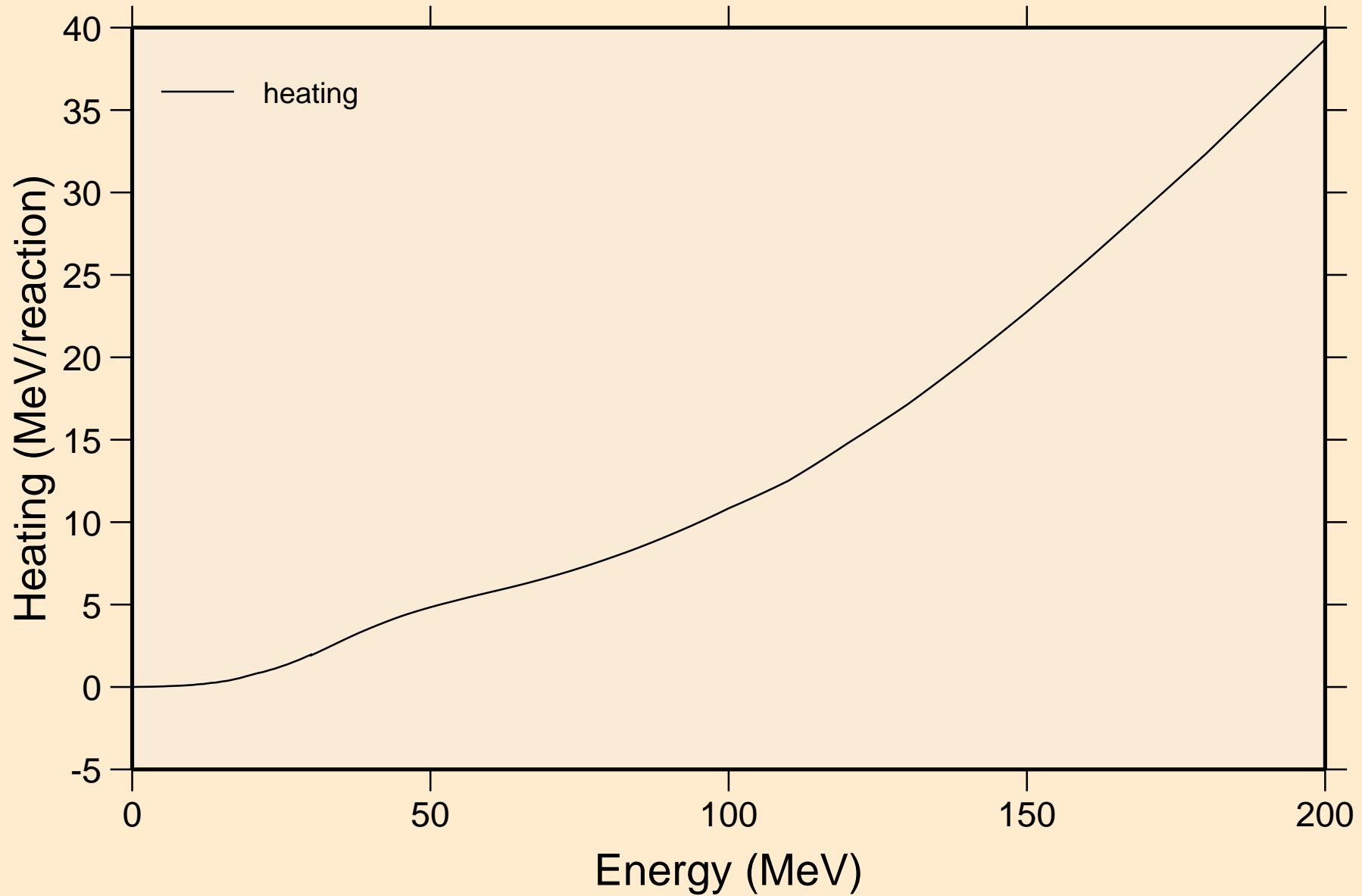
# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

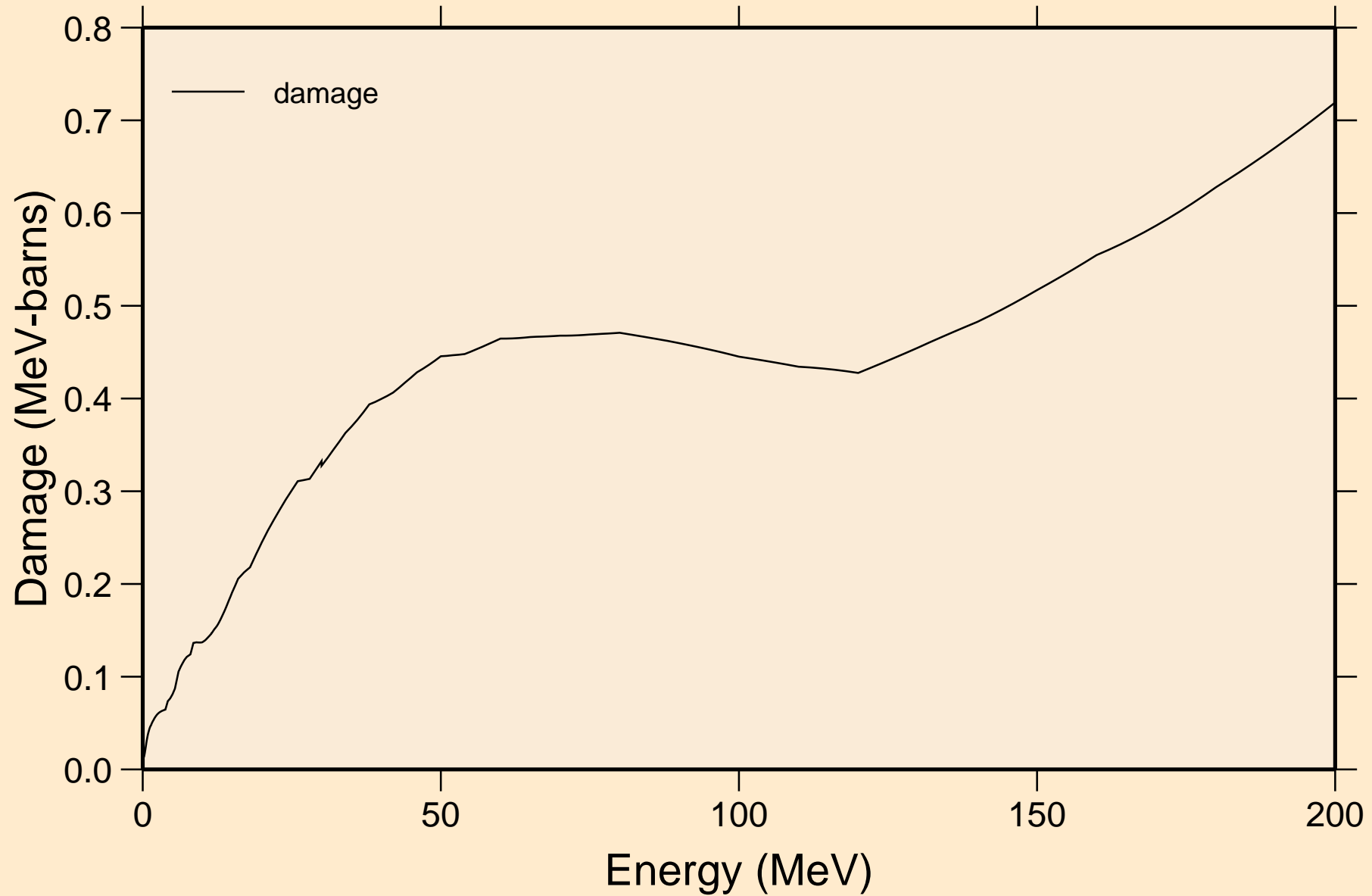


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

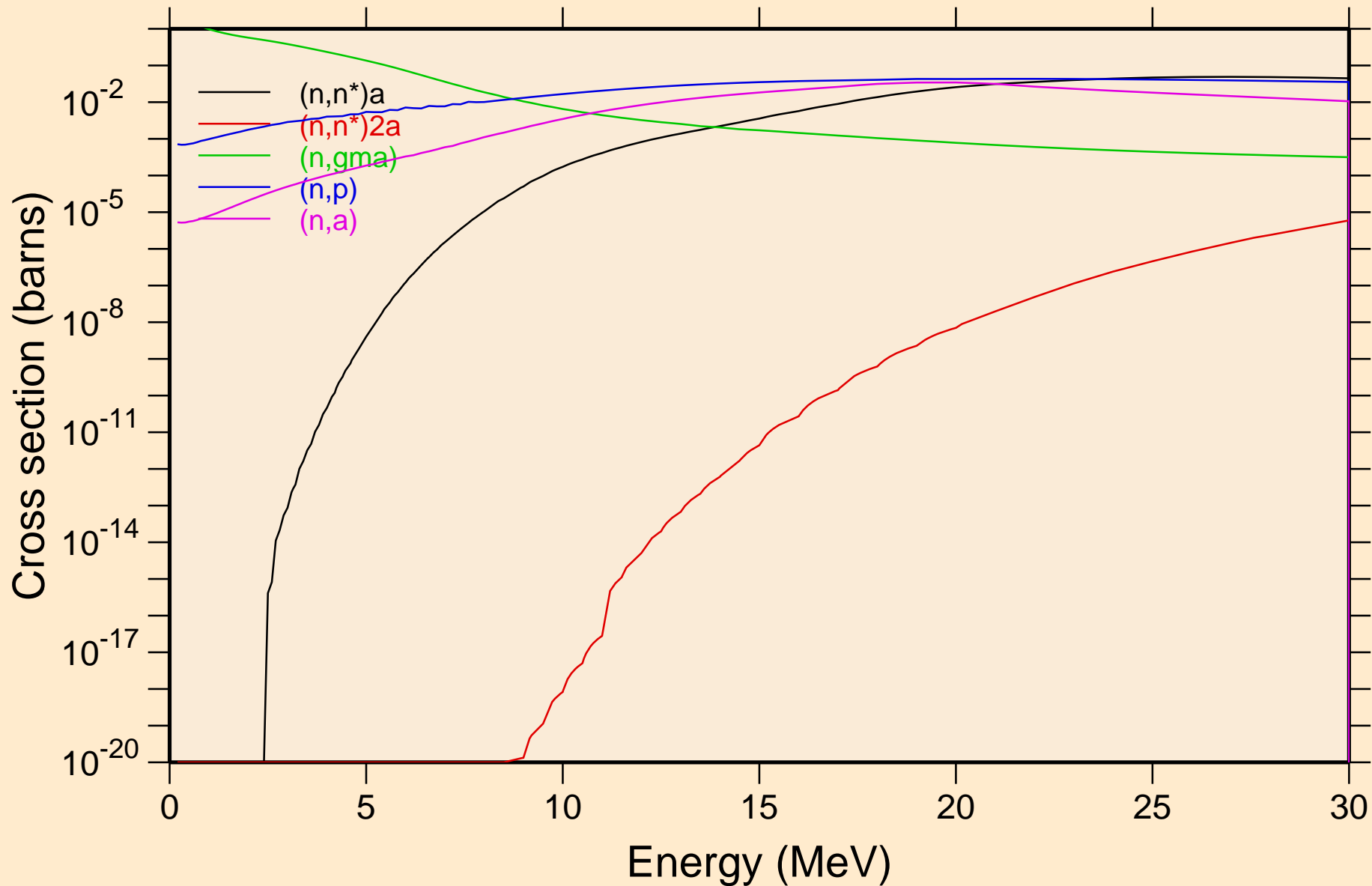


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



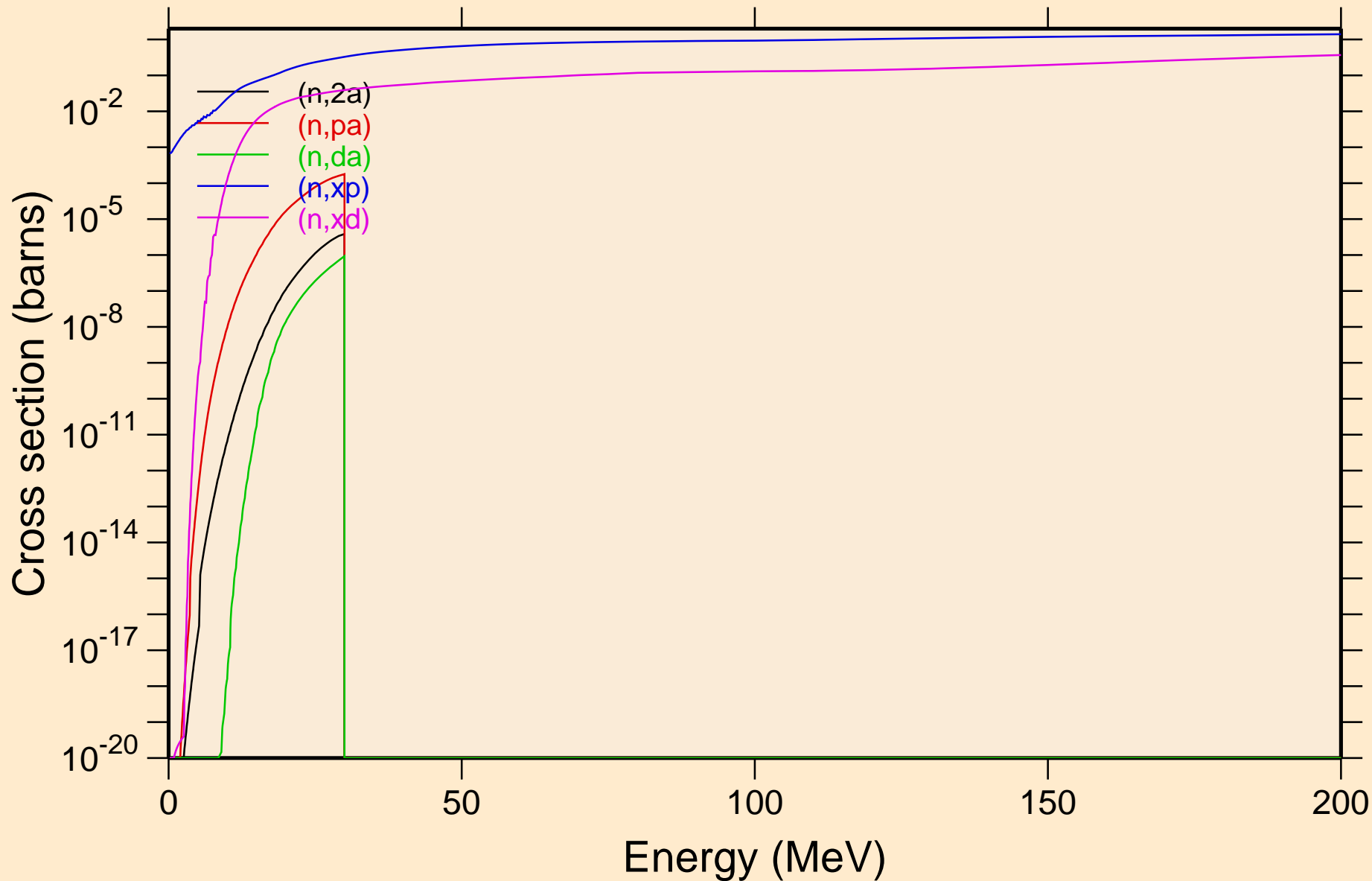
# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

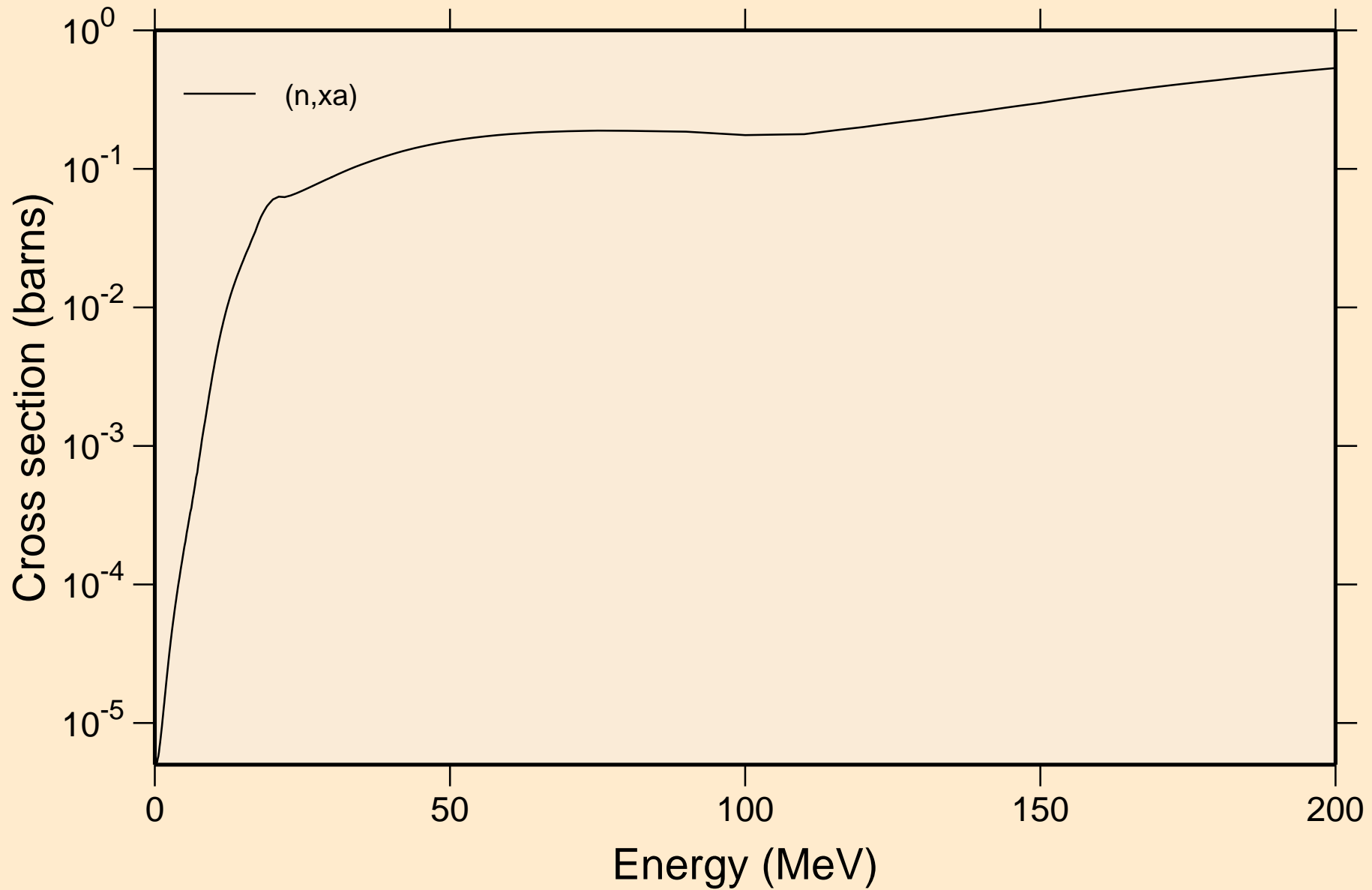




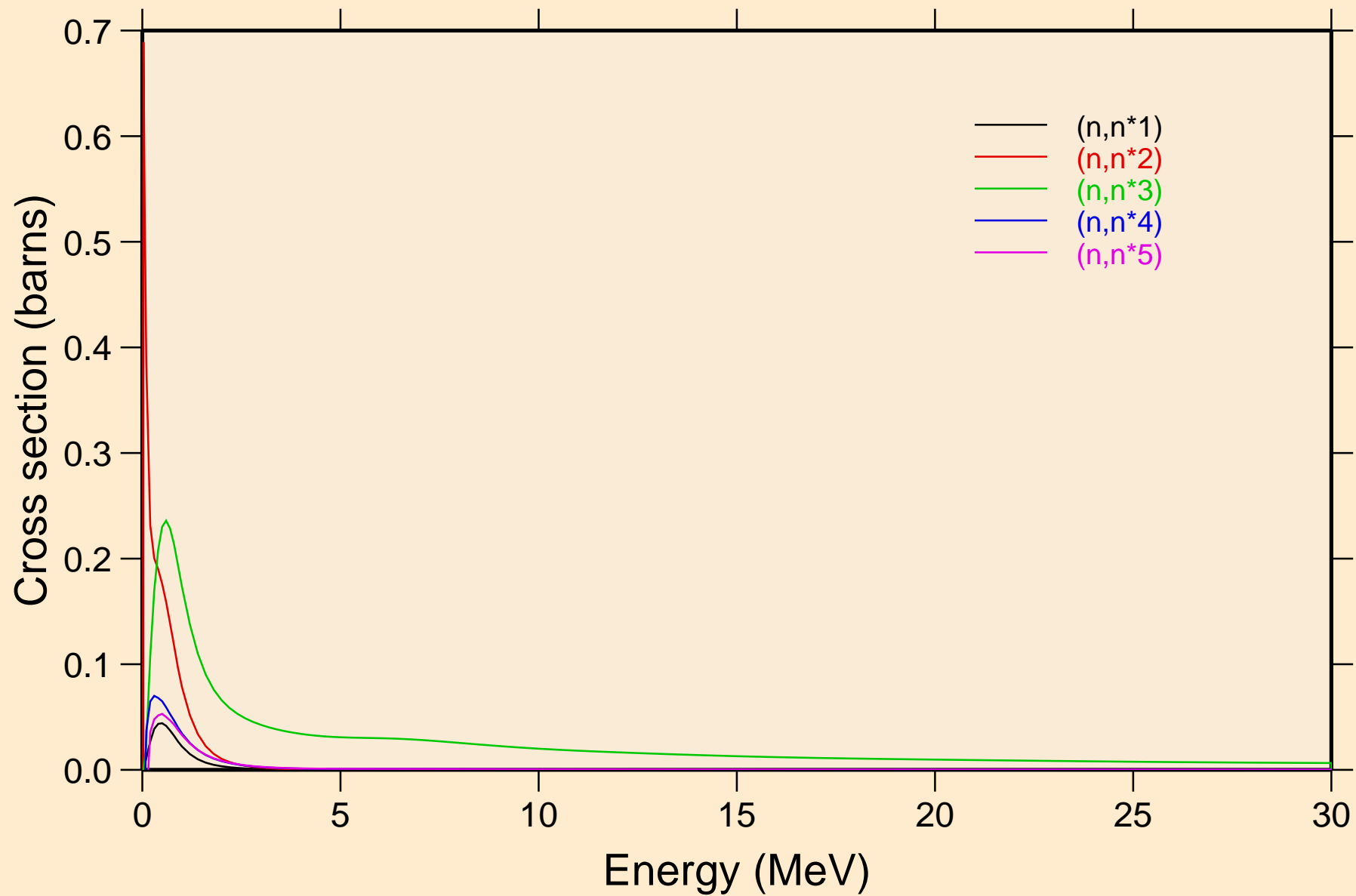
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



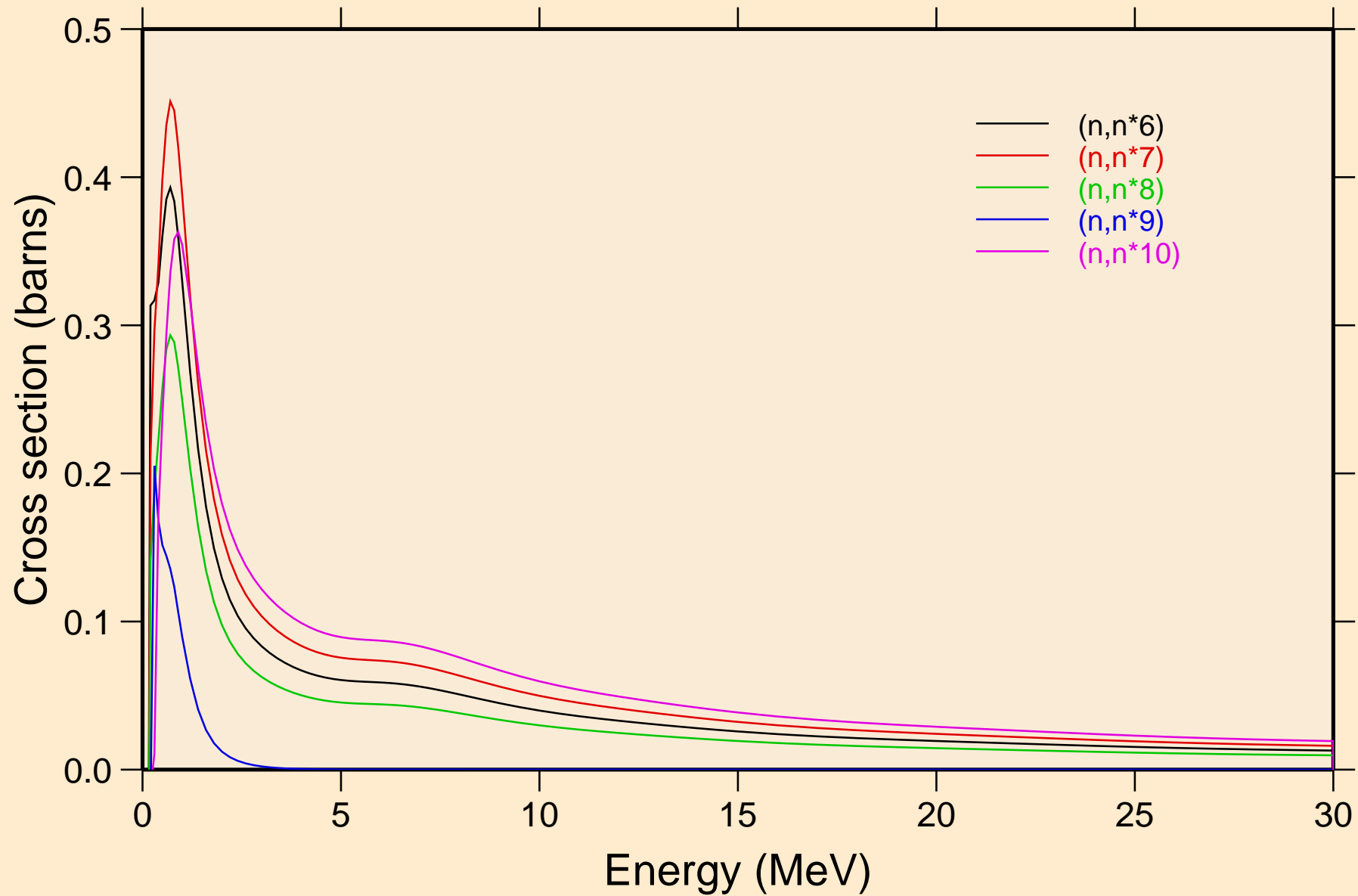
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



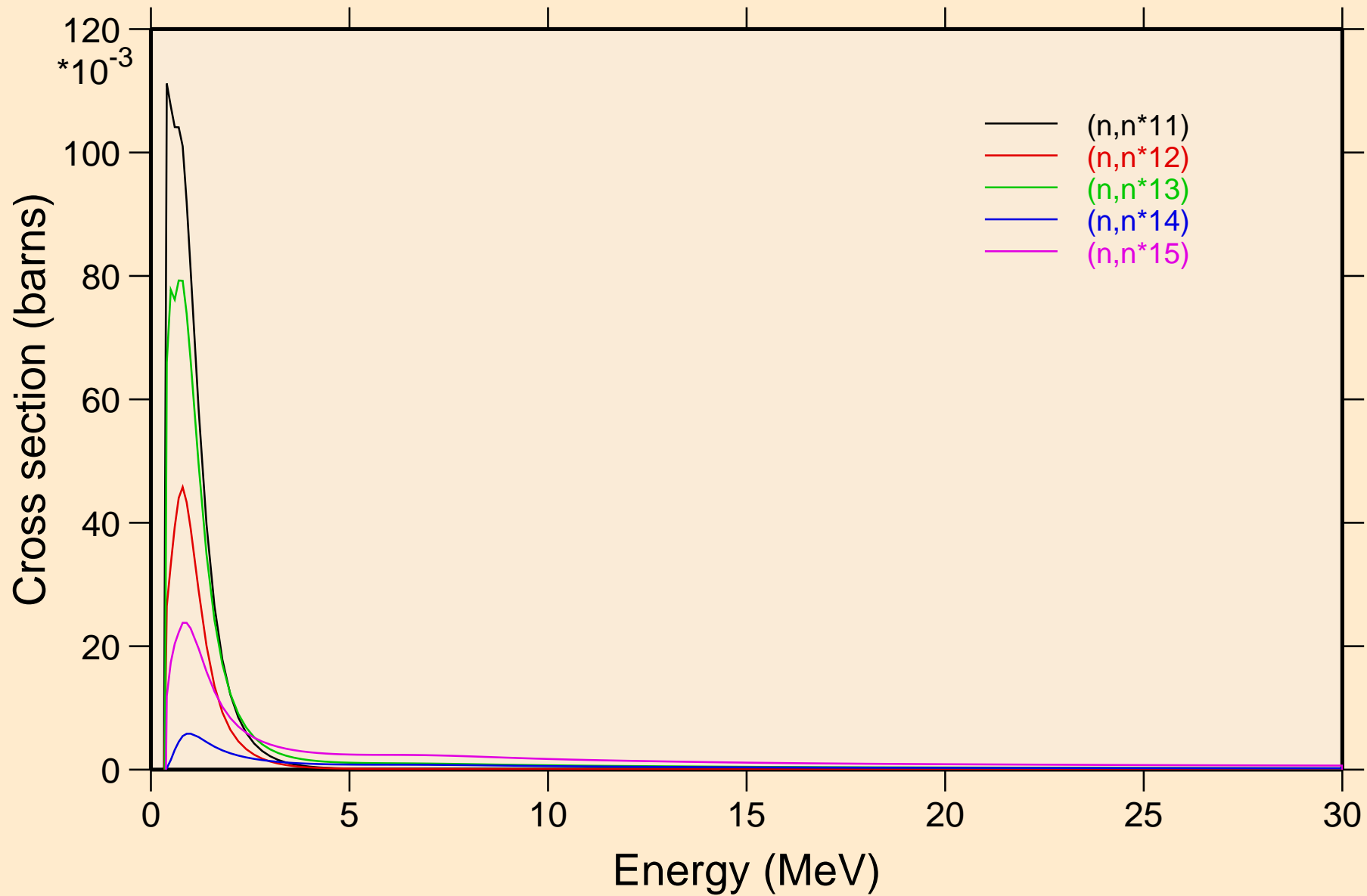
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



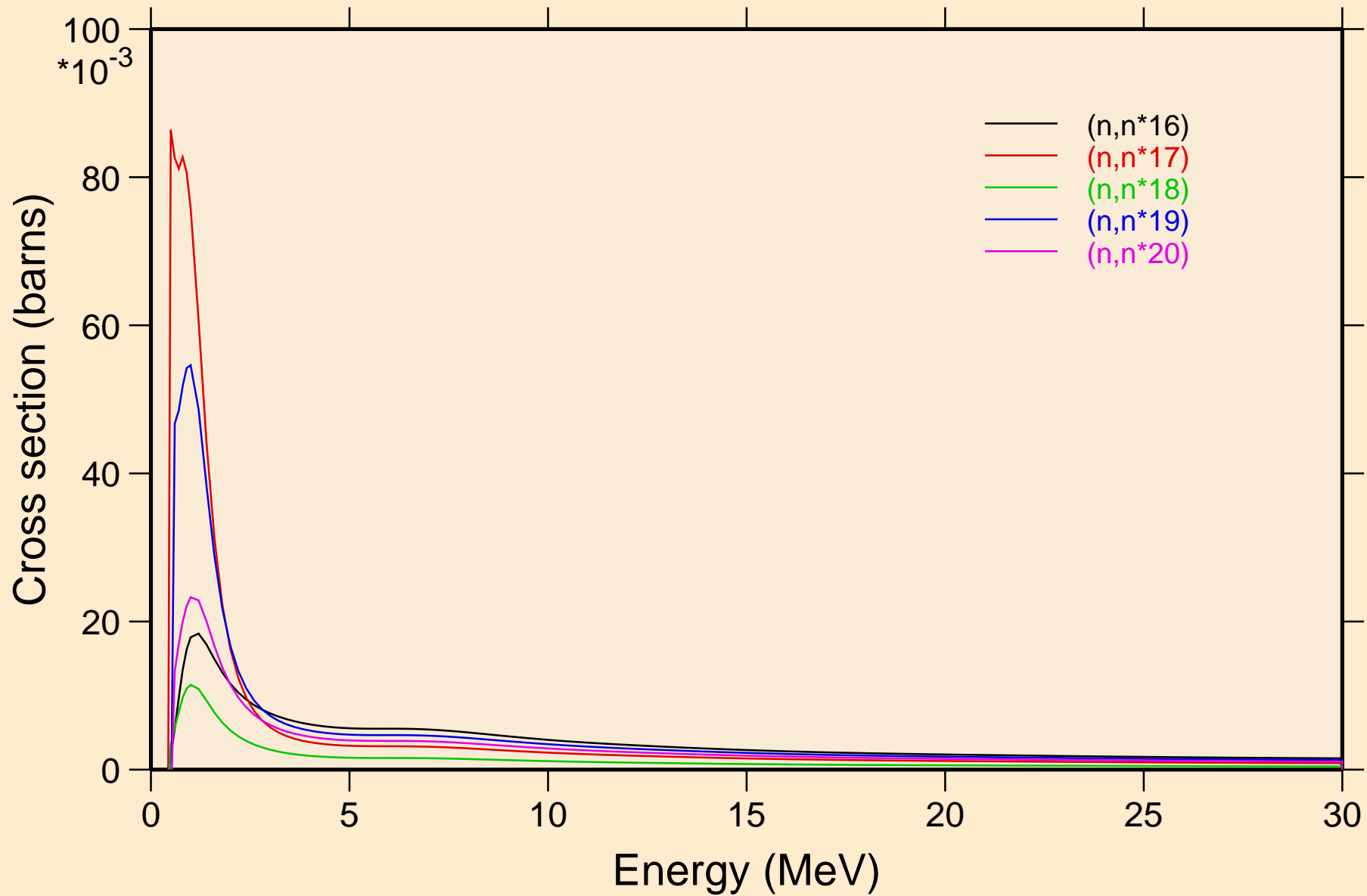
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



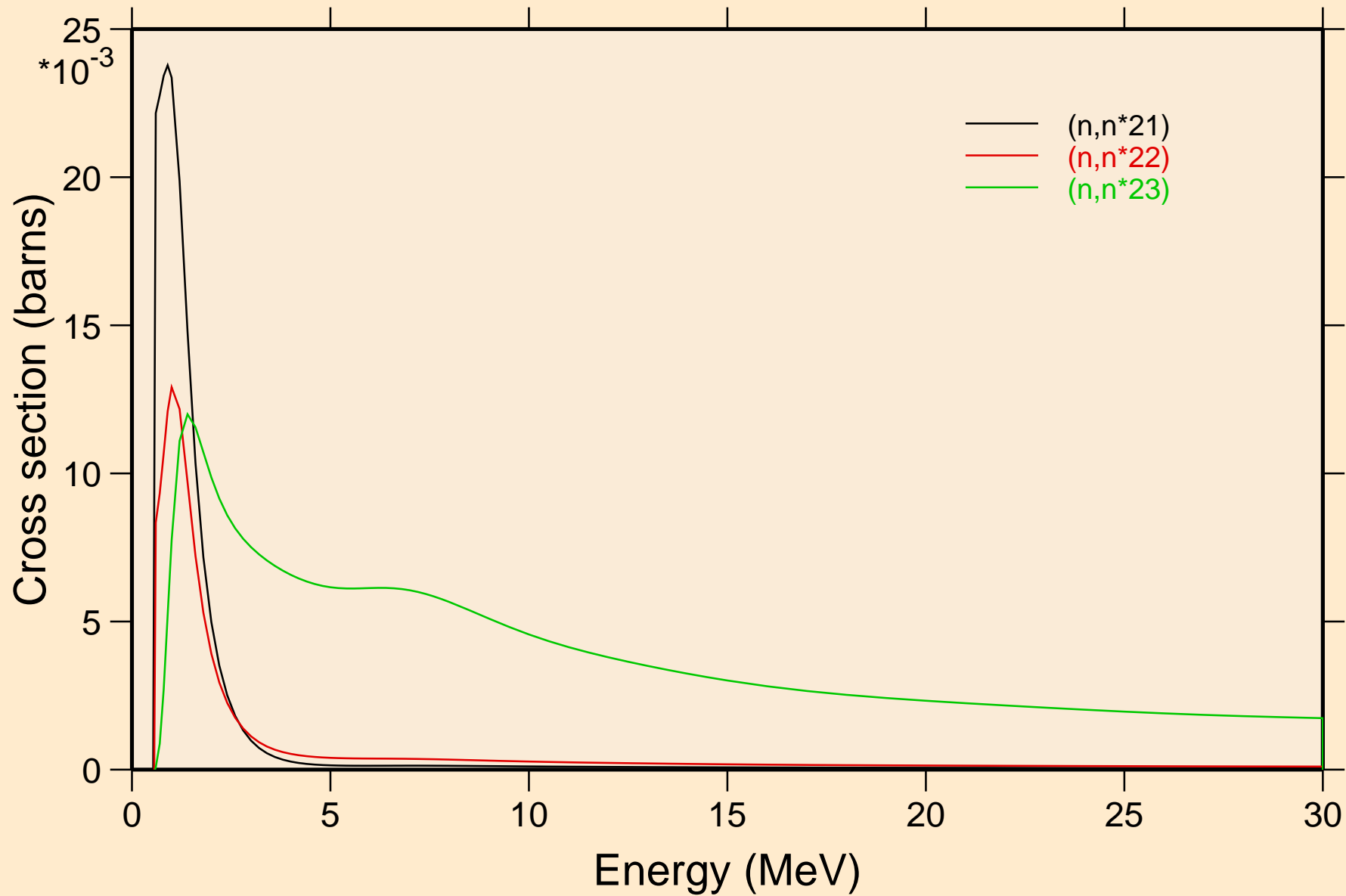
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



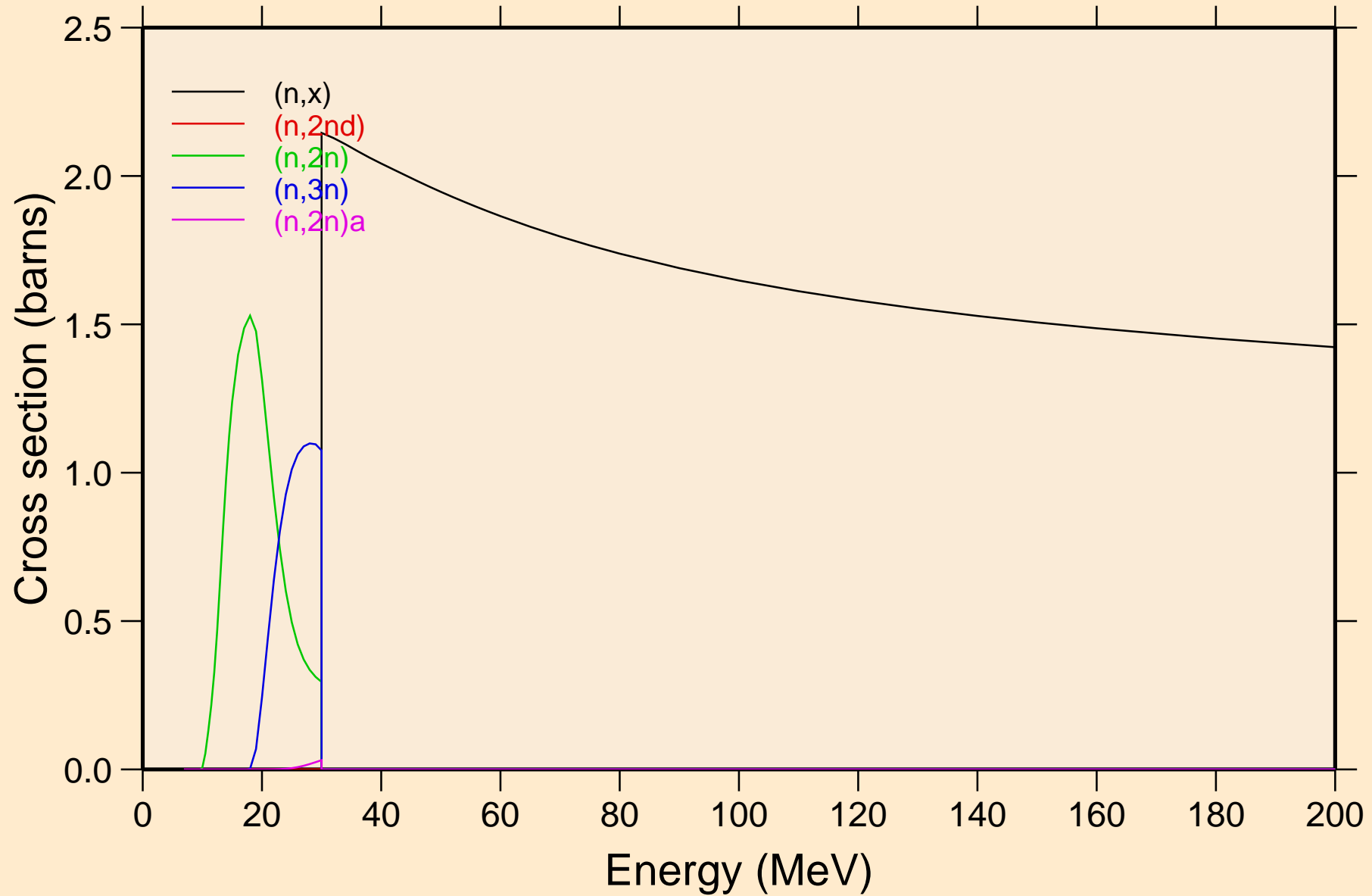
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



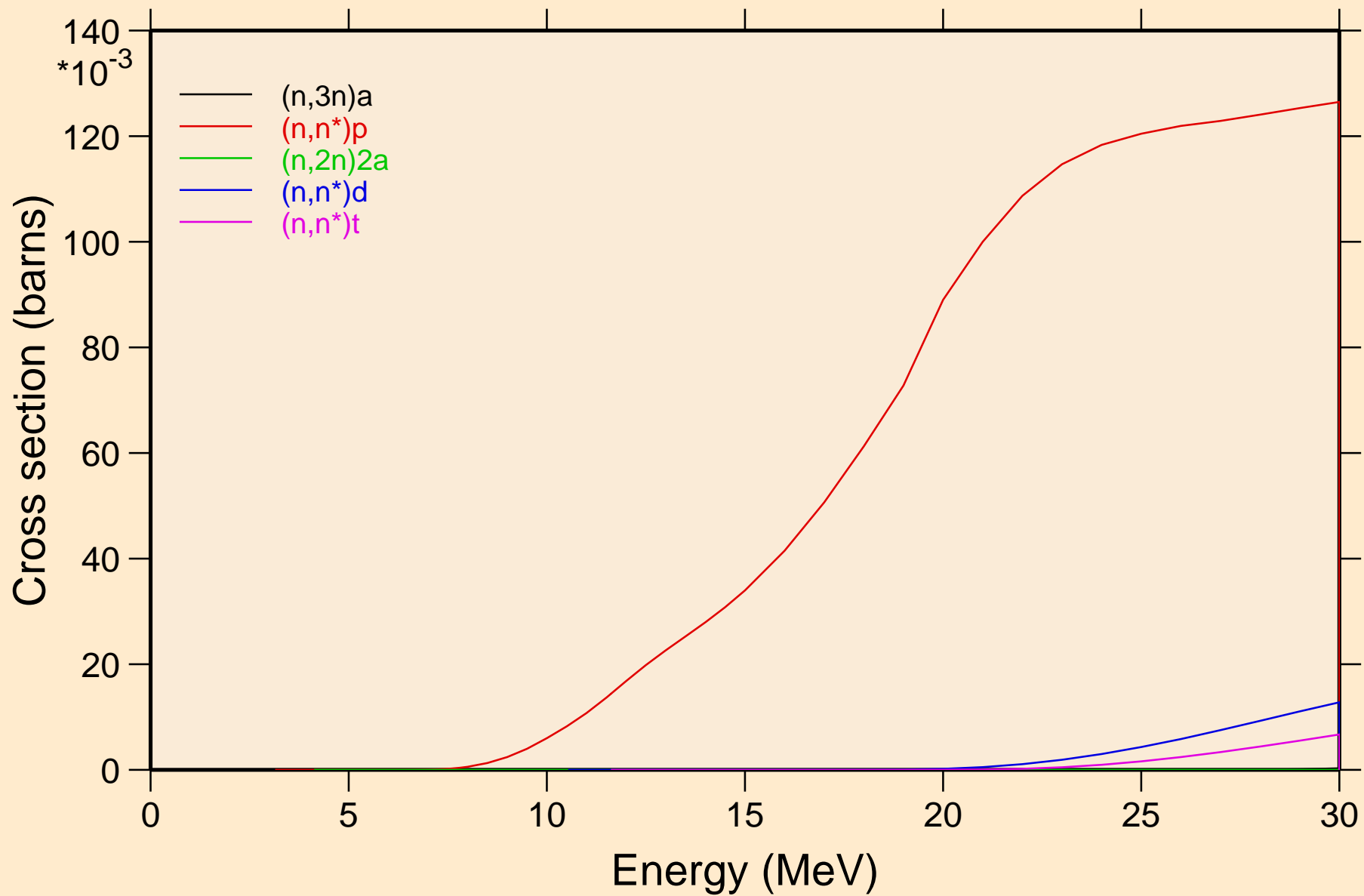
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



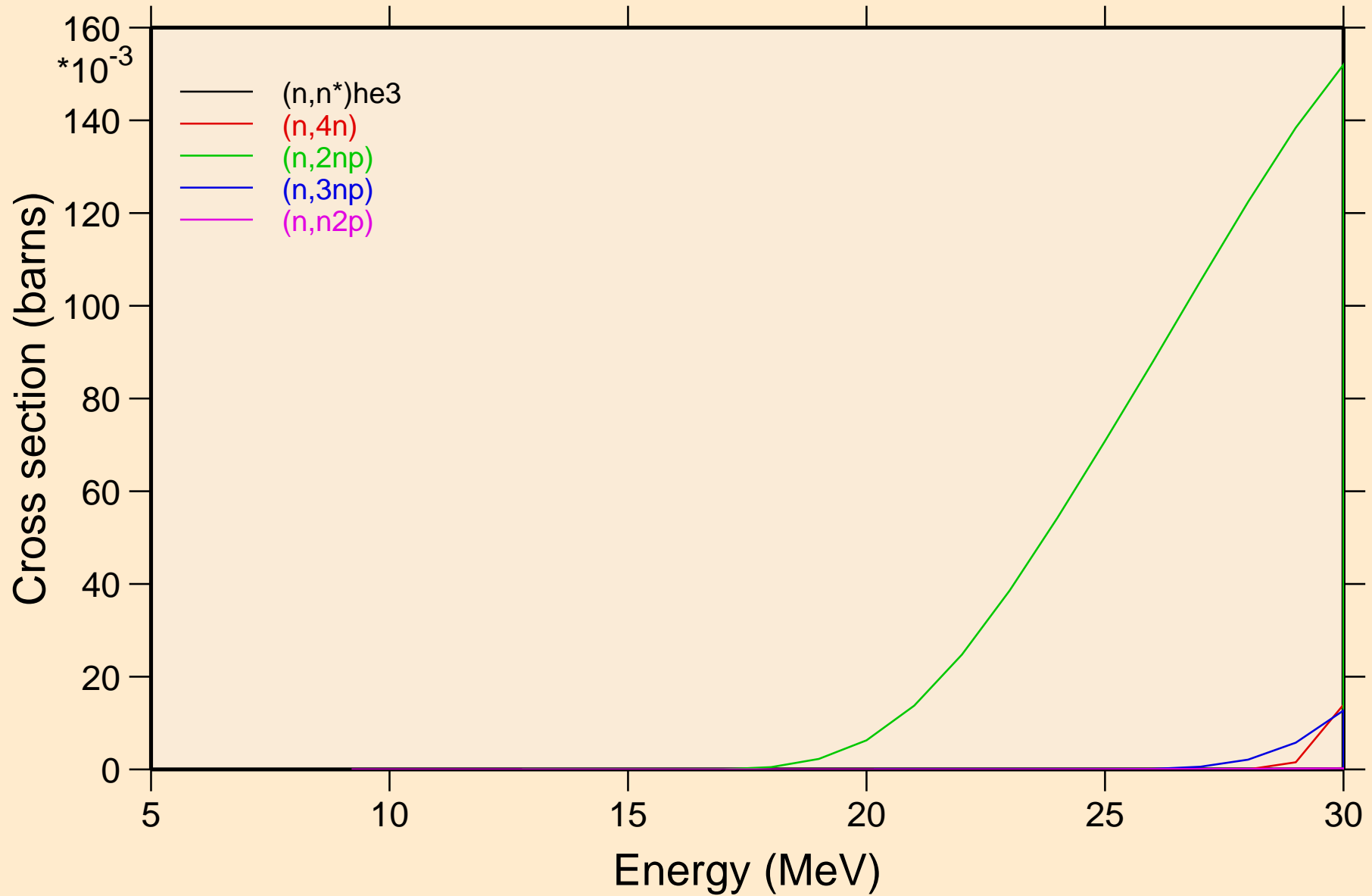


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

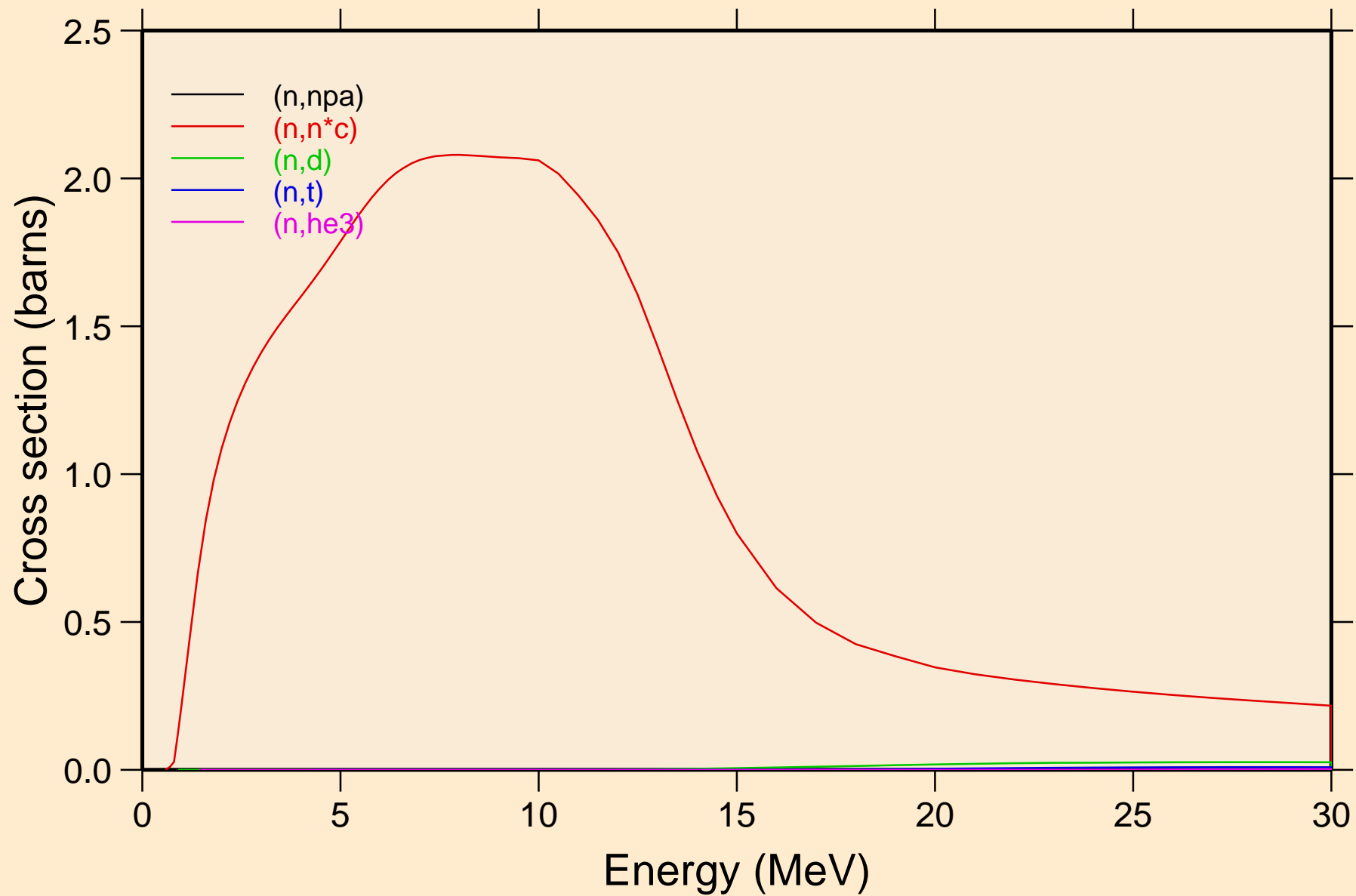
## Threshold reactions



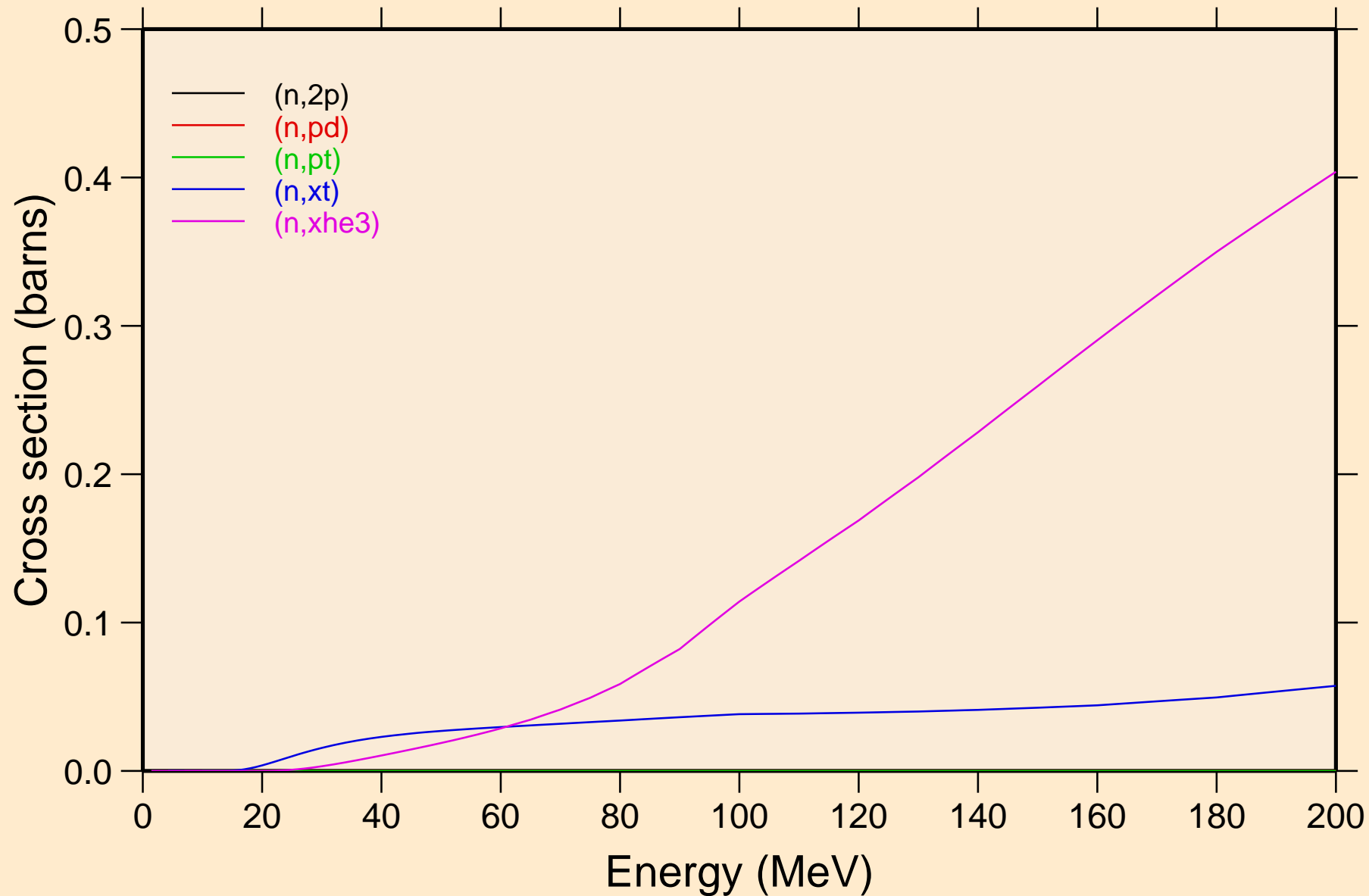
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



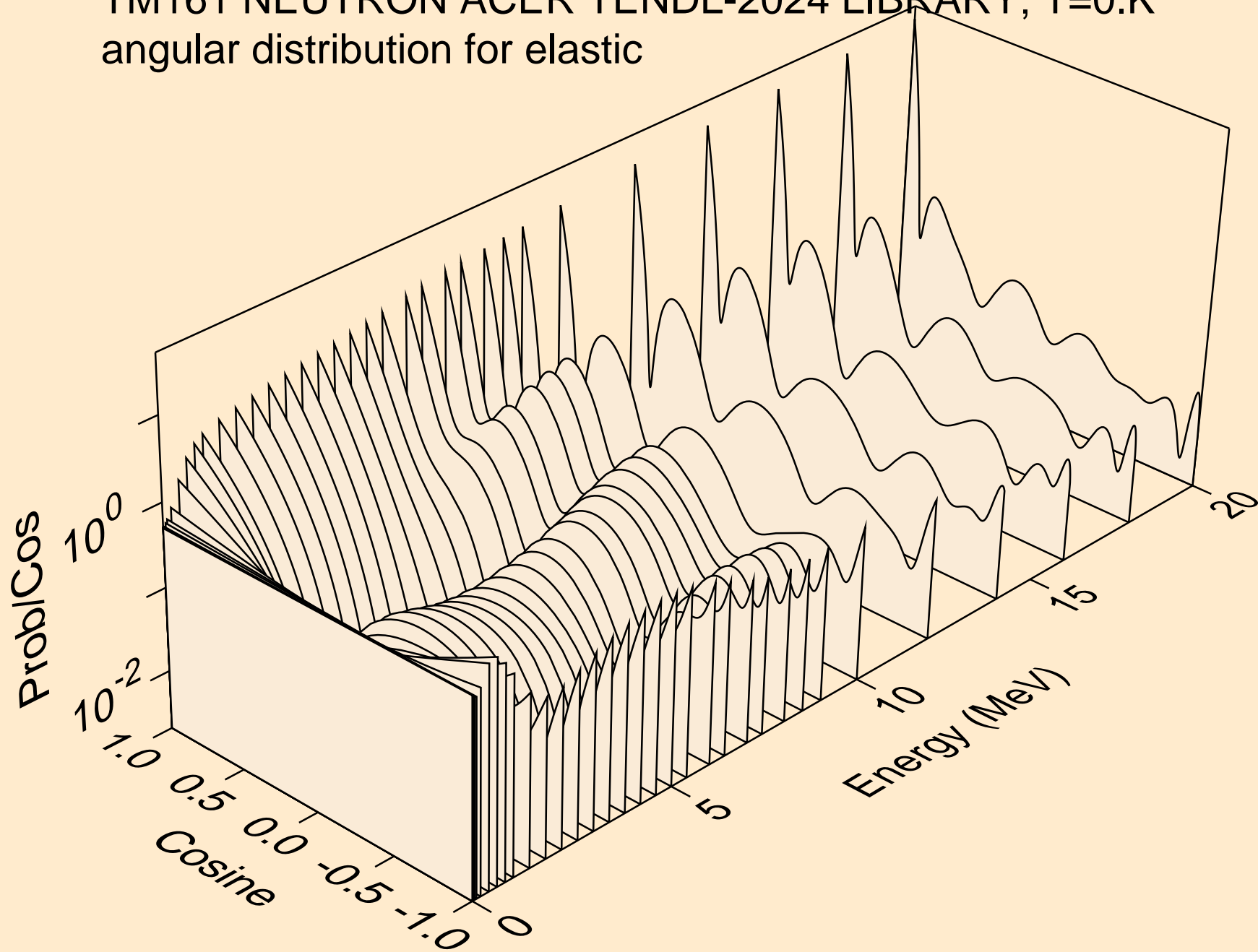
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



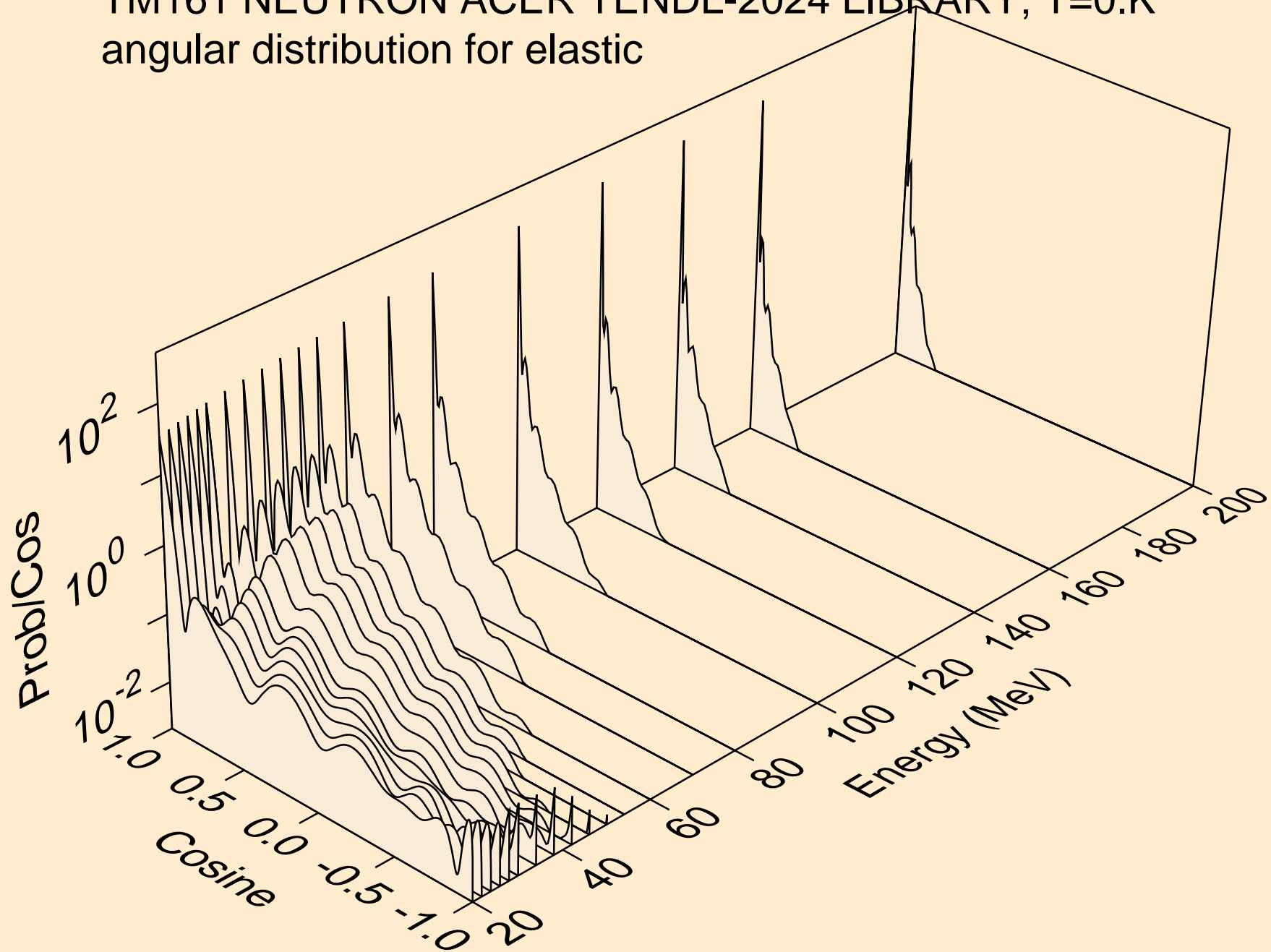
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



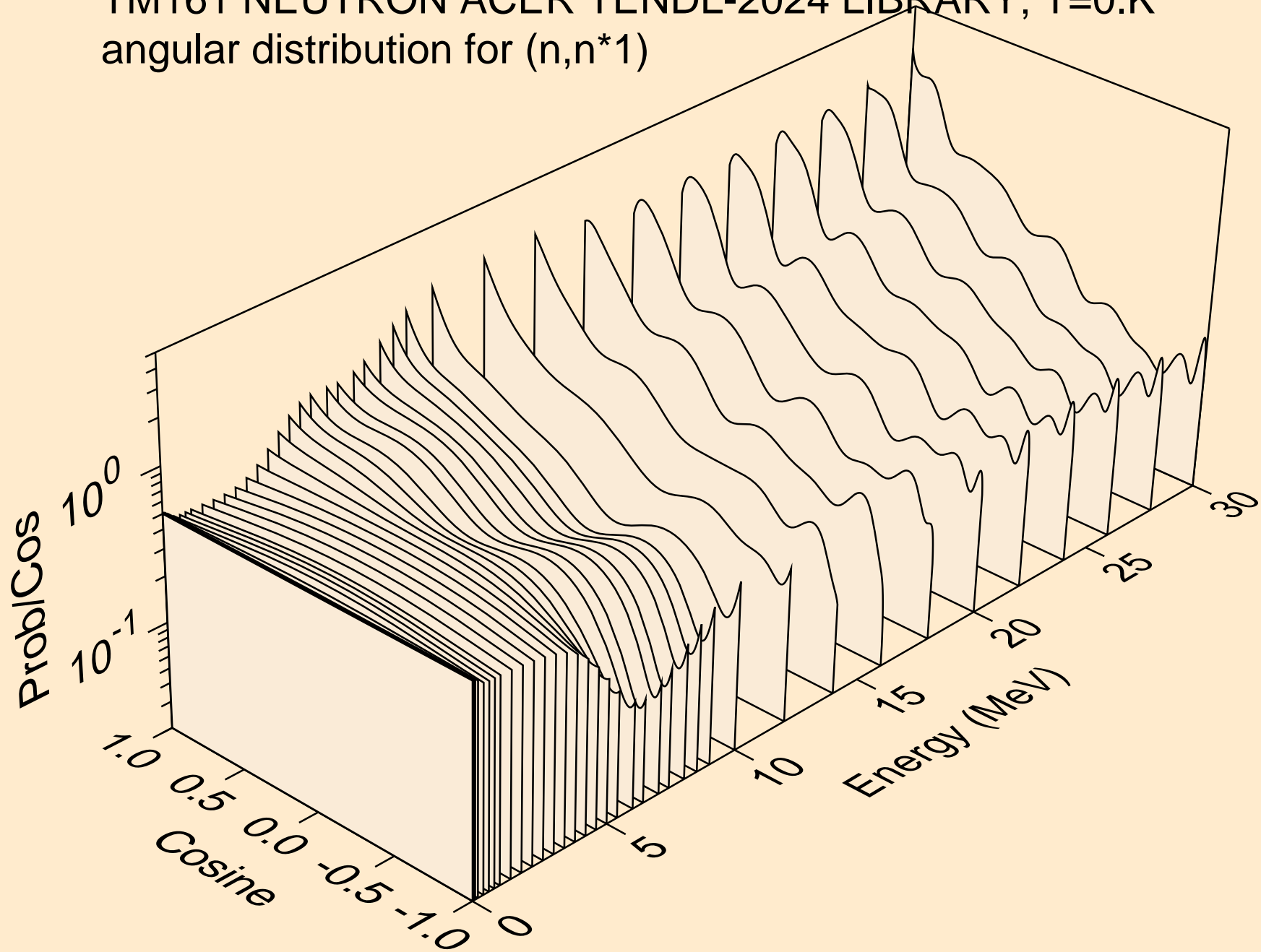
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



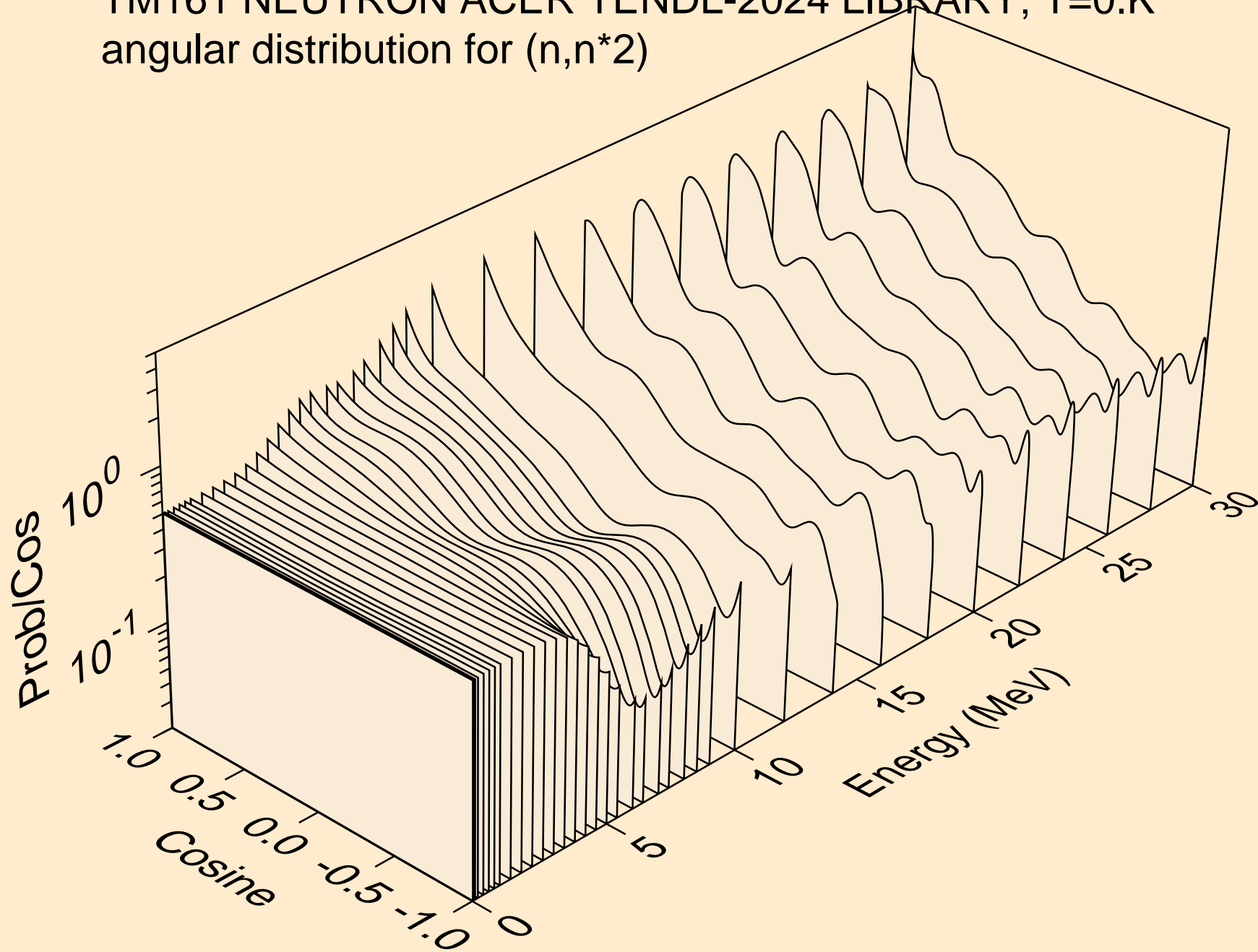
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

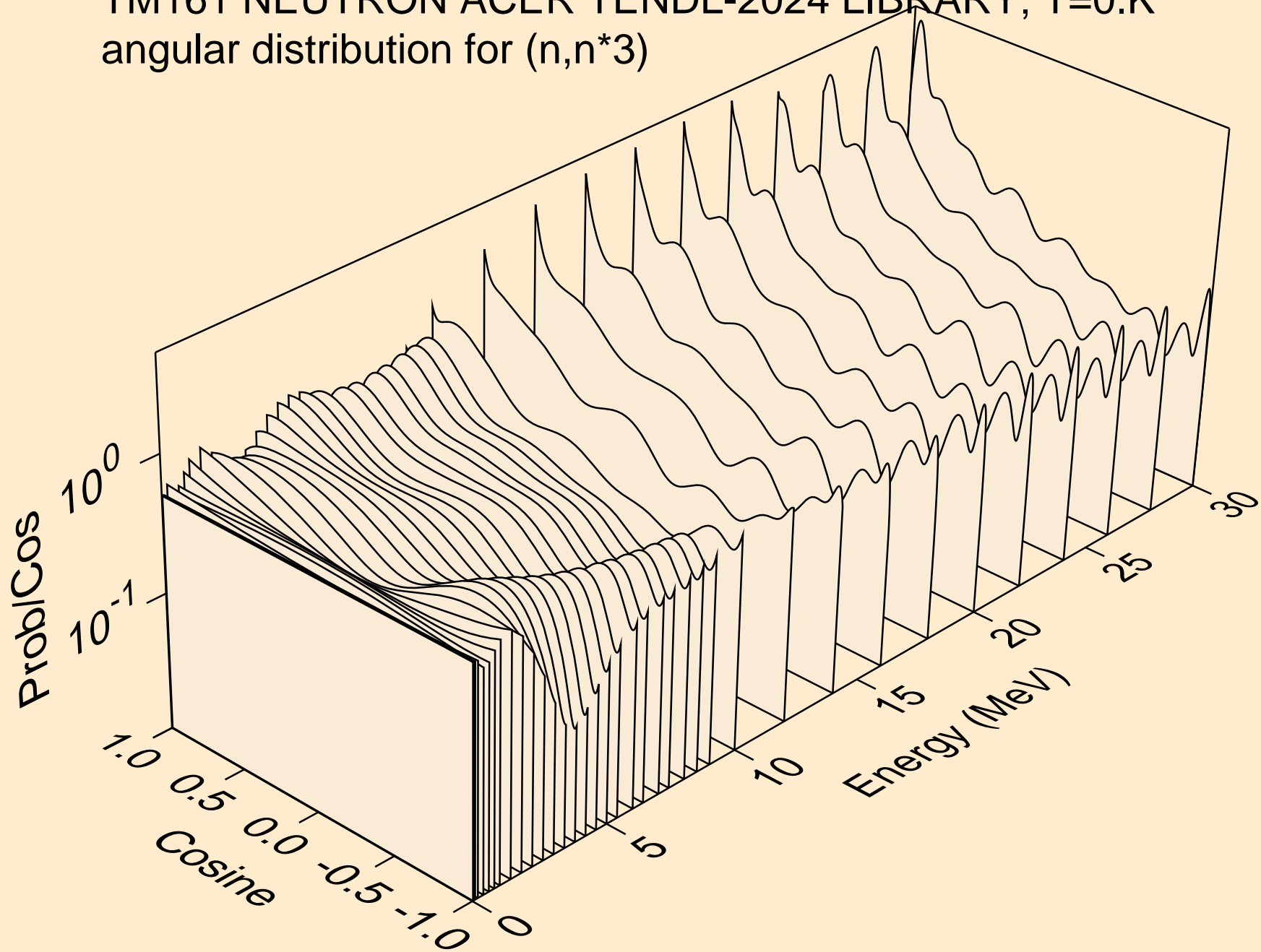


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

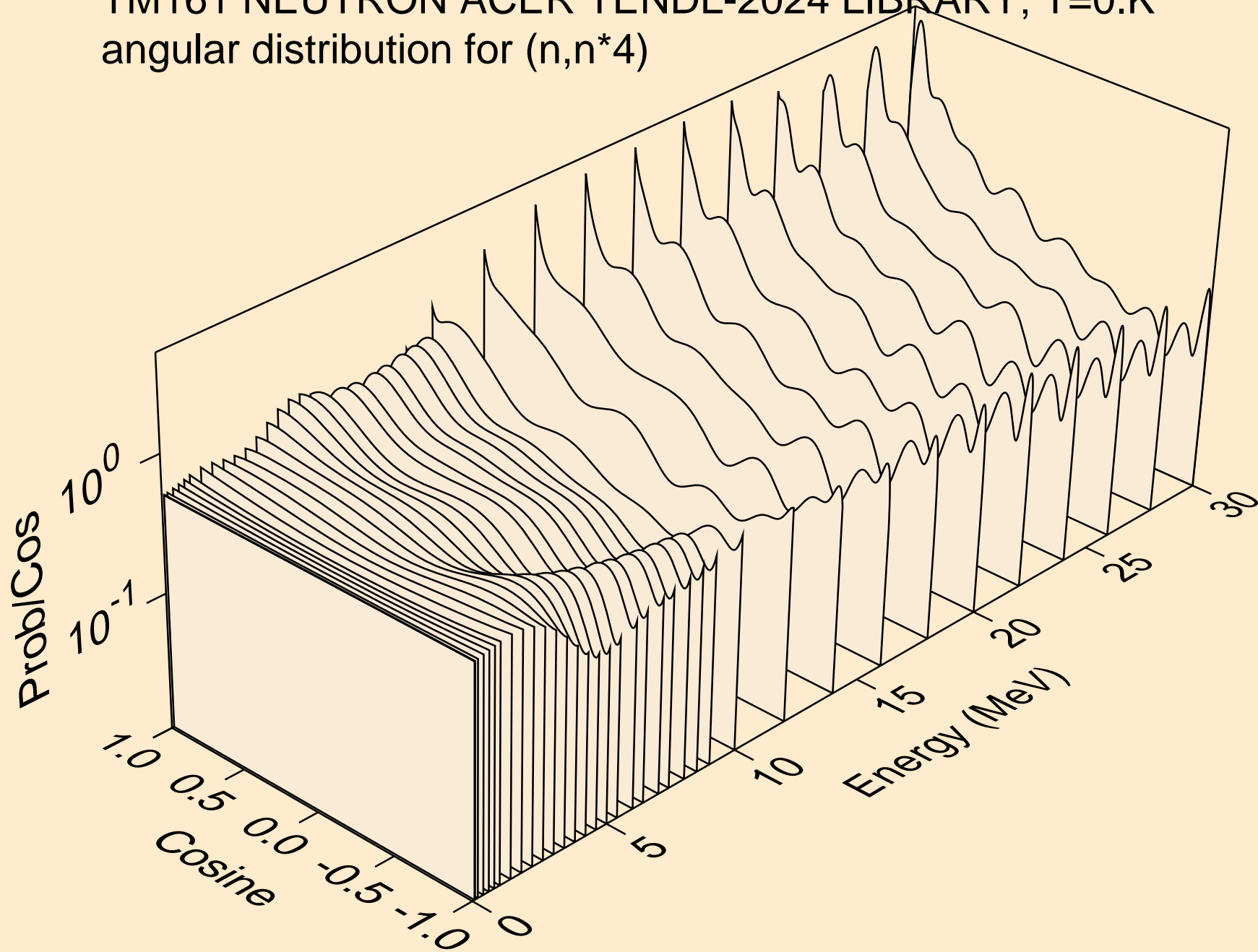




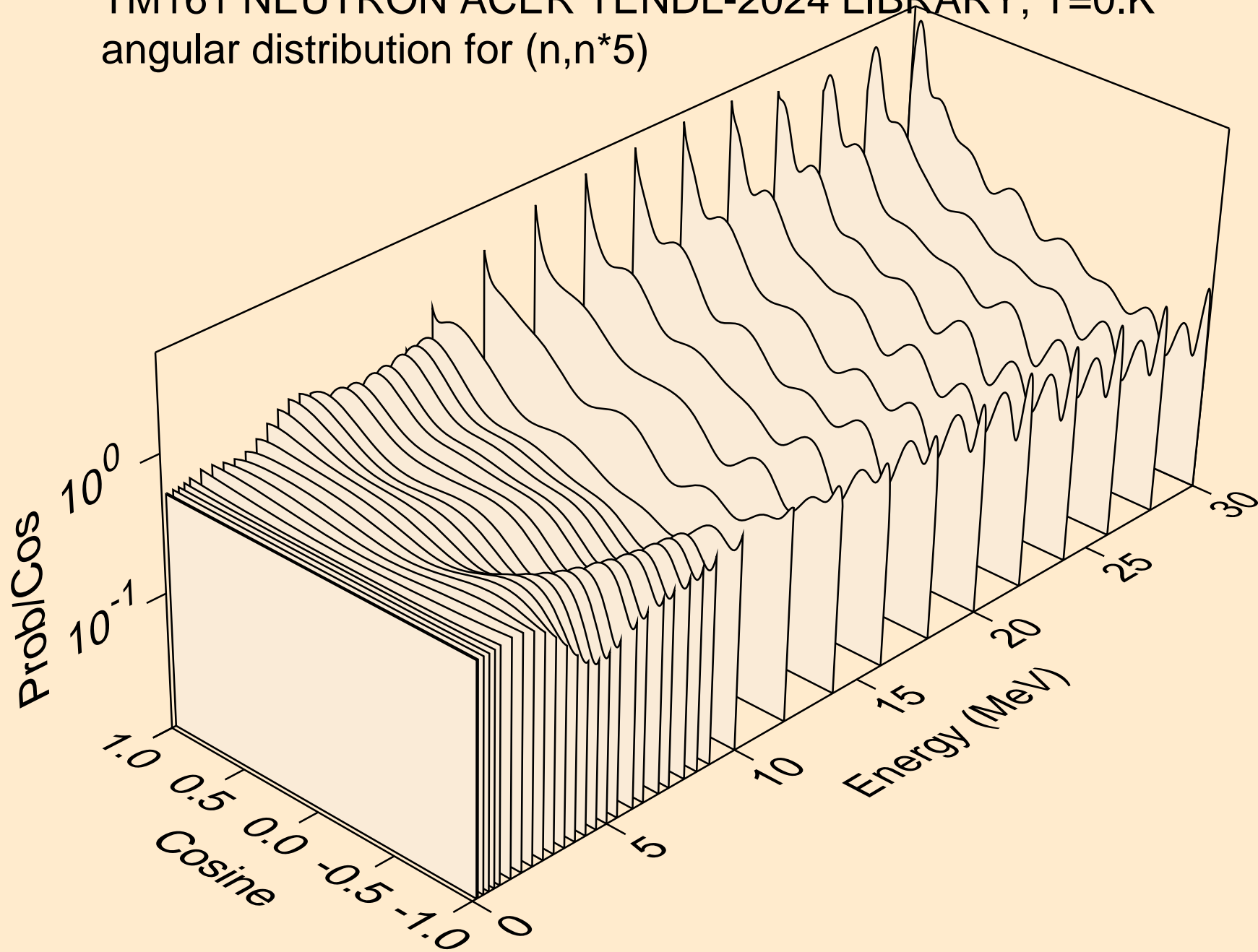
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



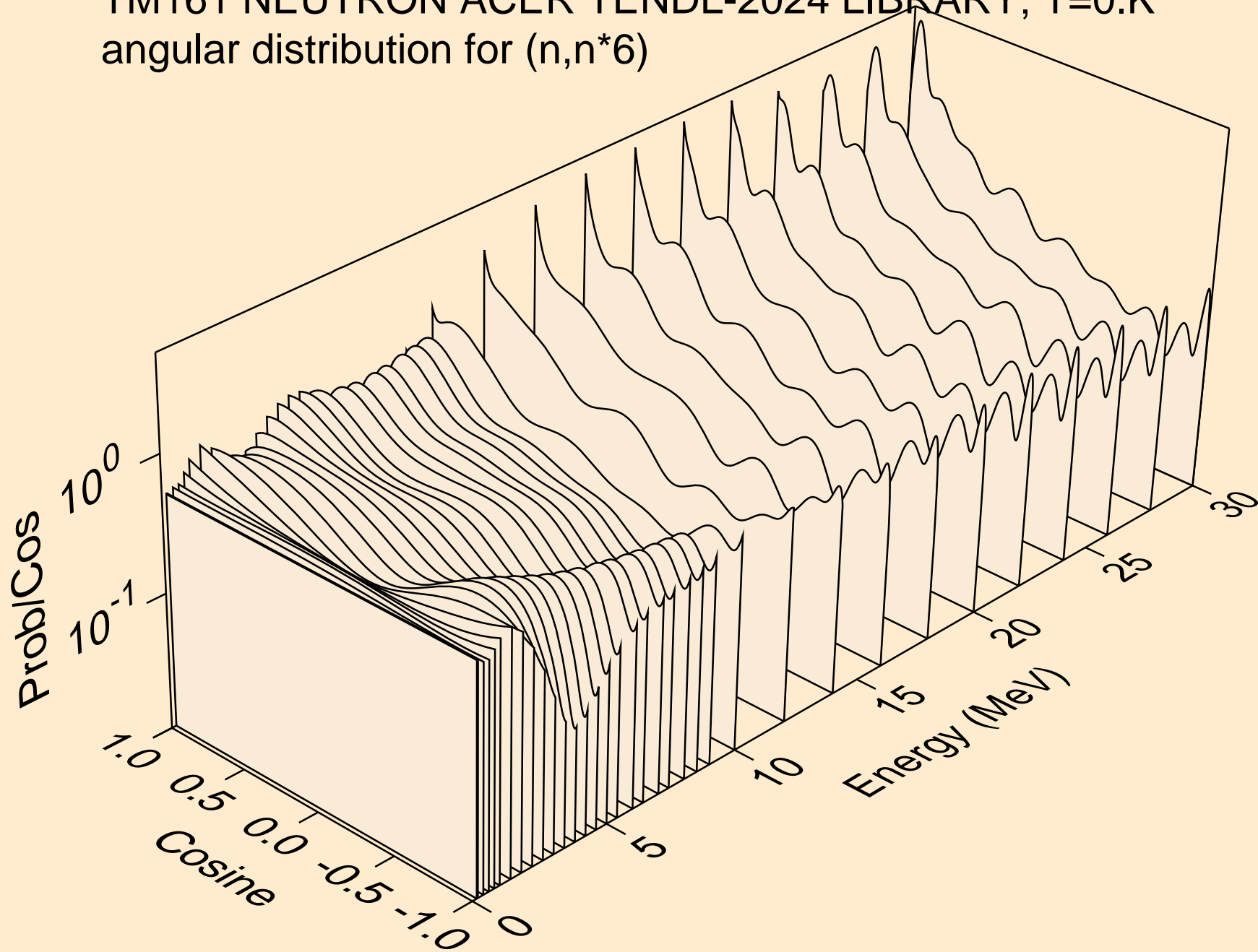
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



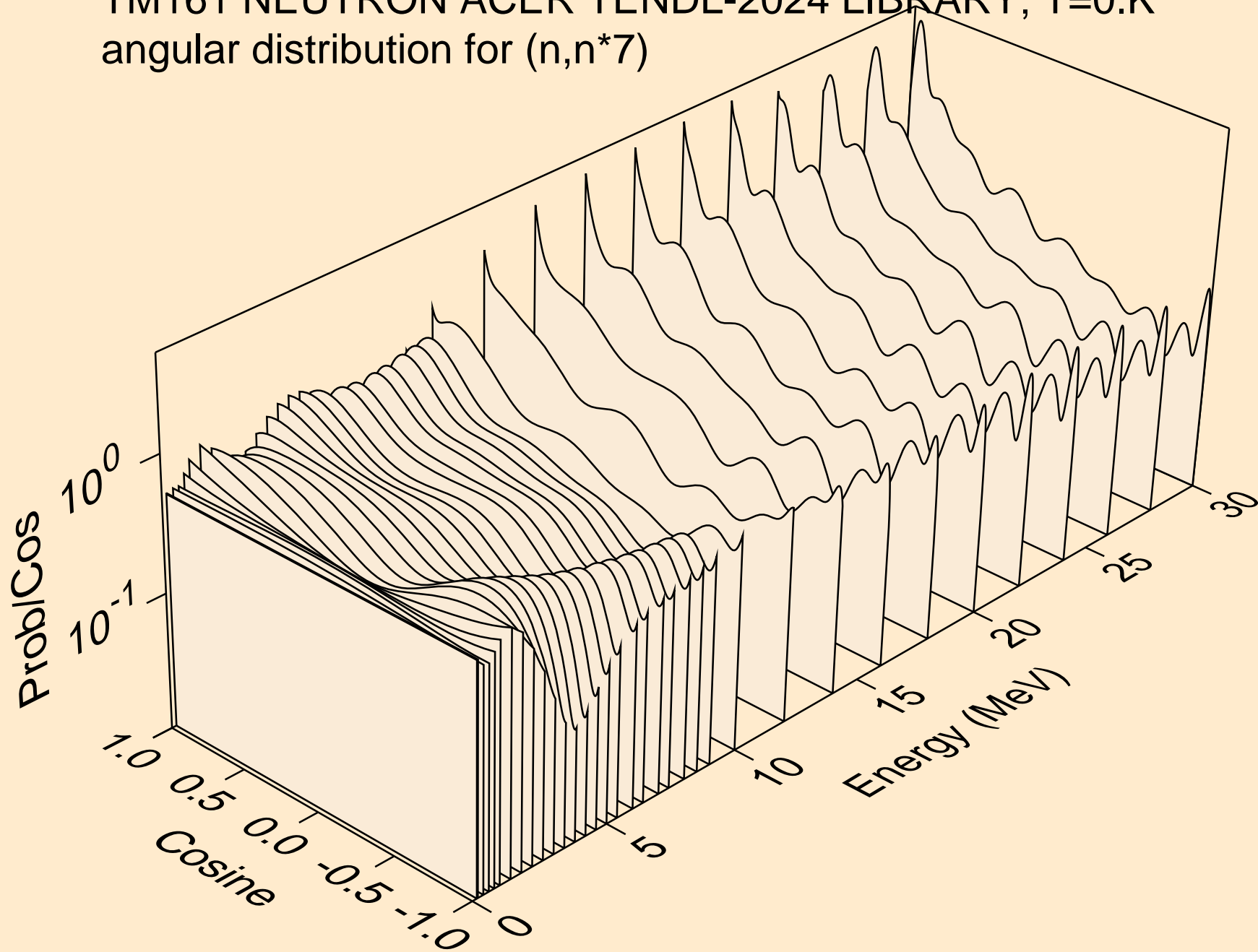
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



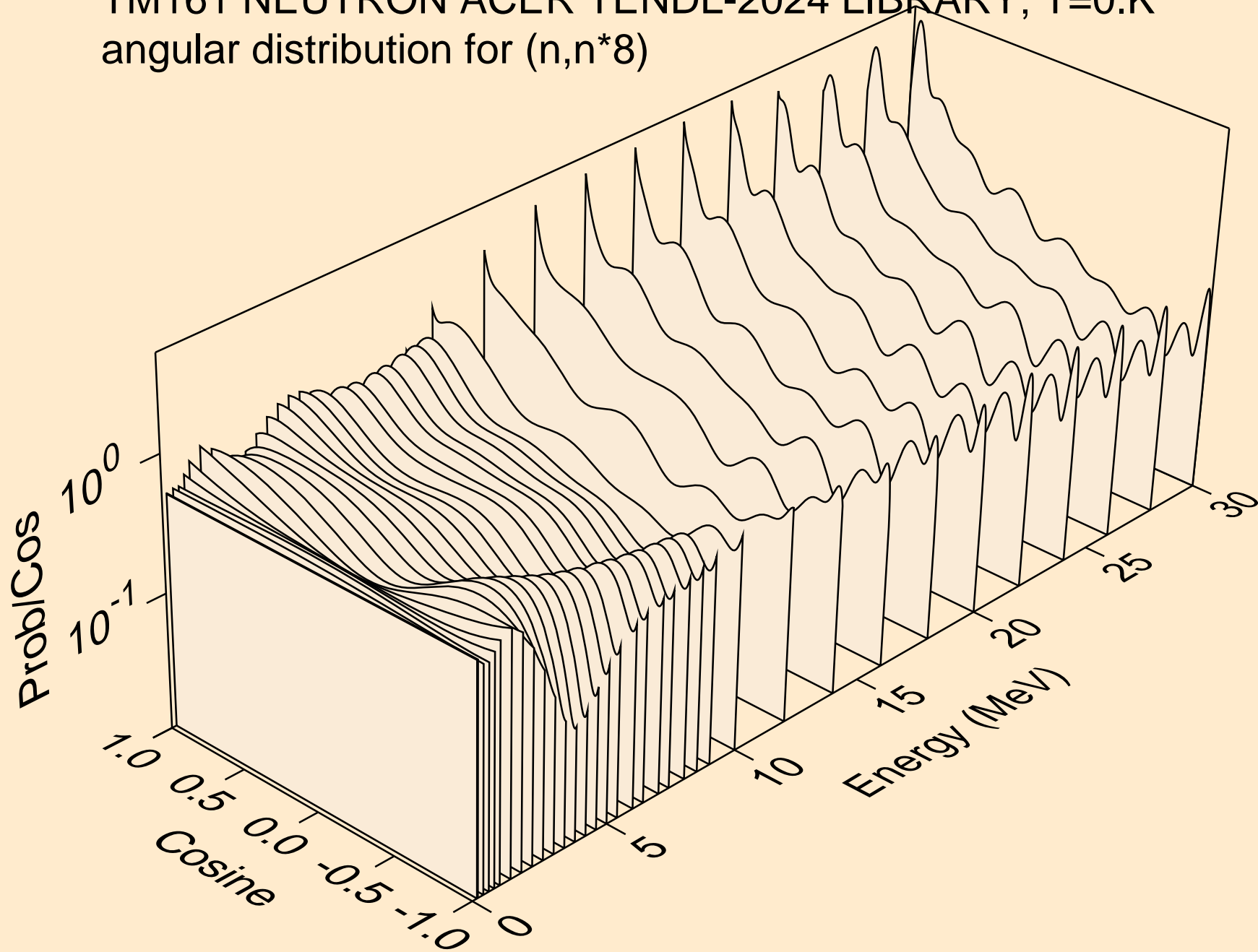
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



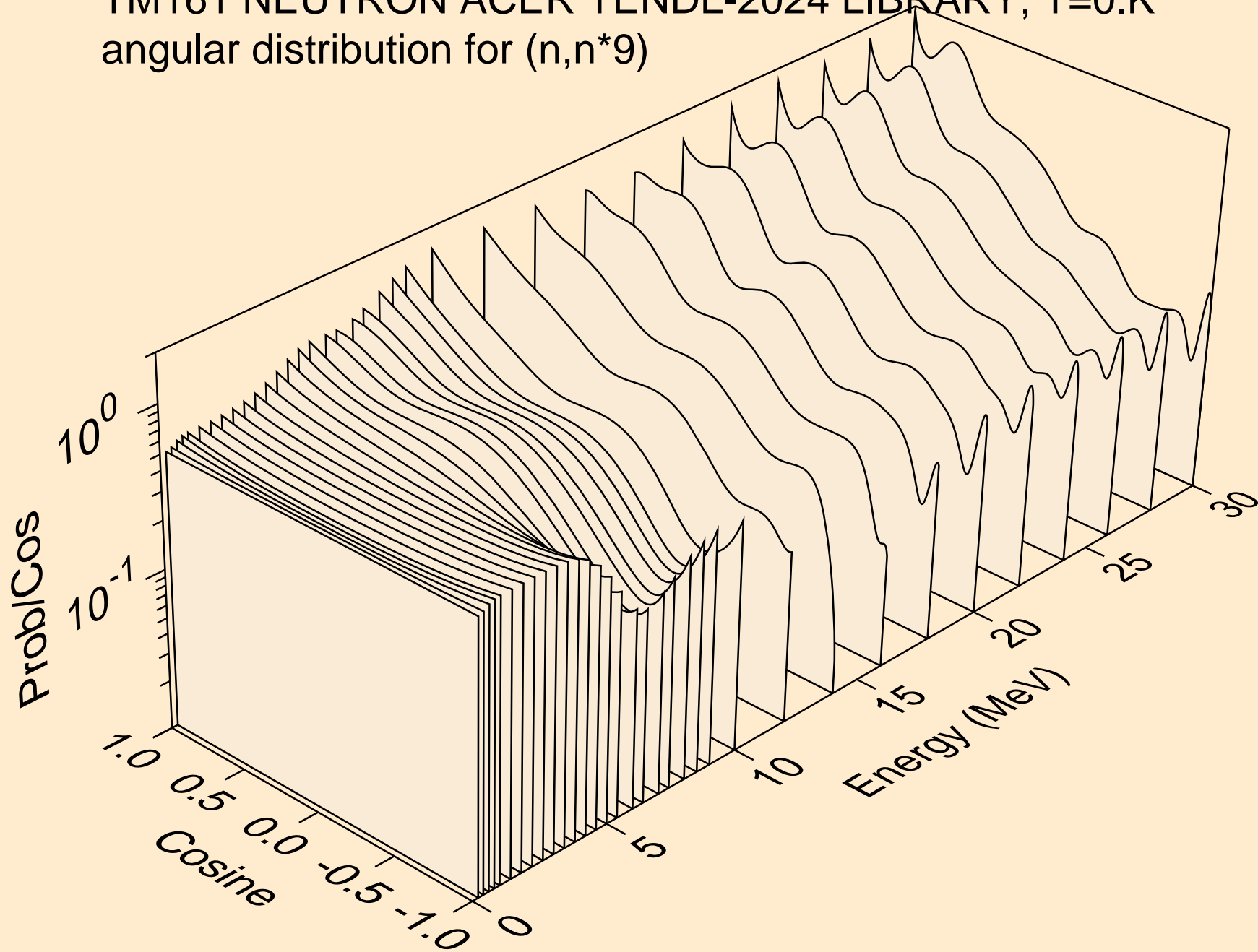
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



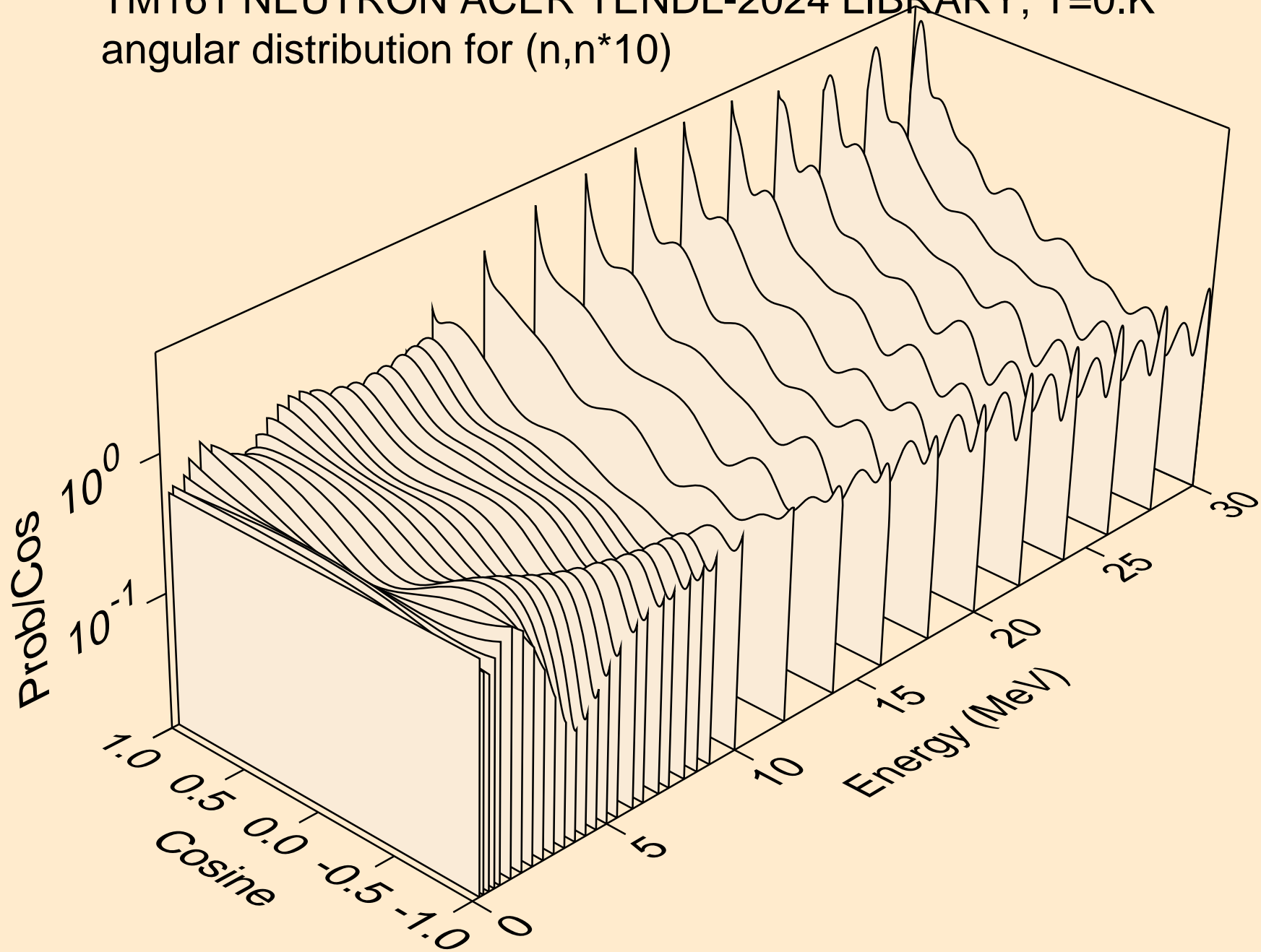
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

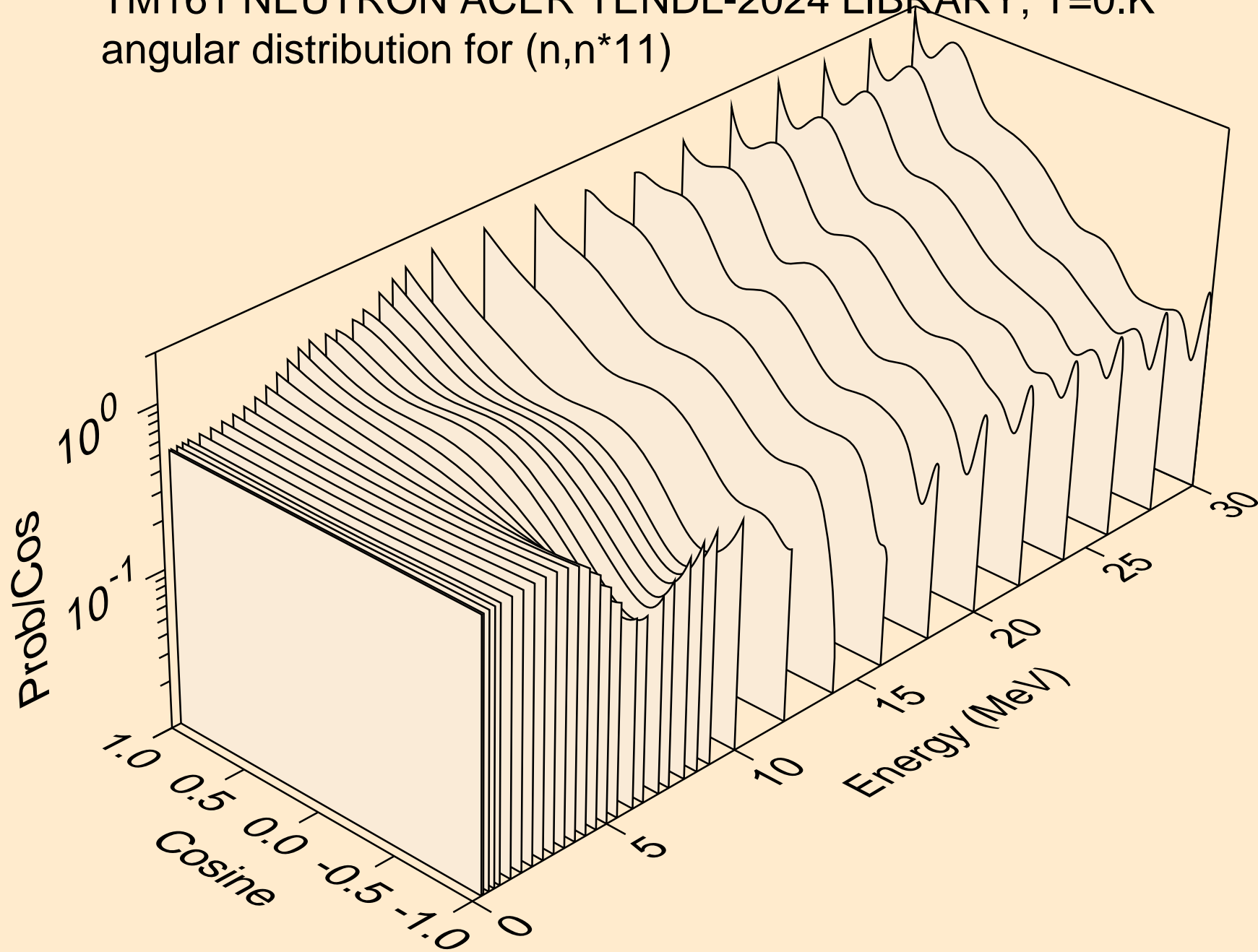


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

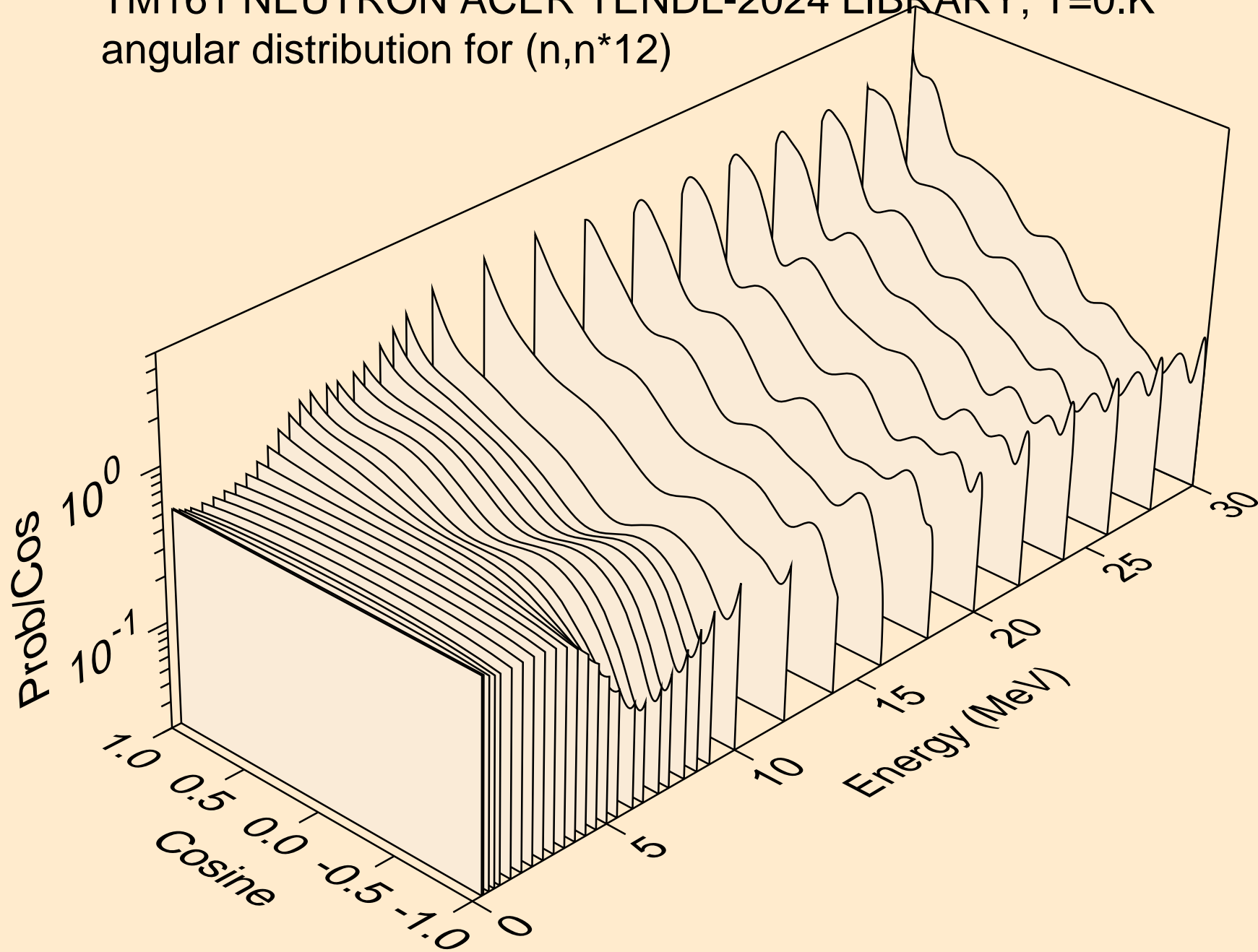




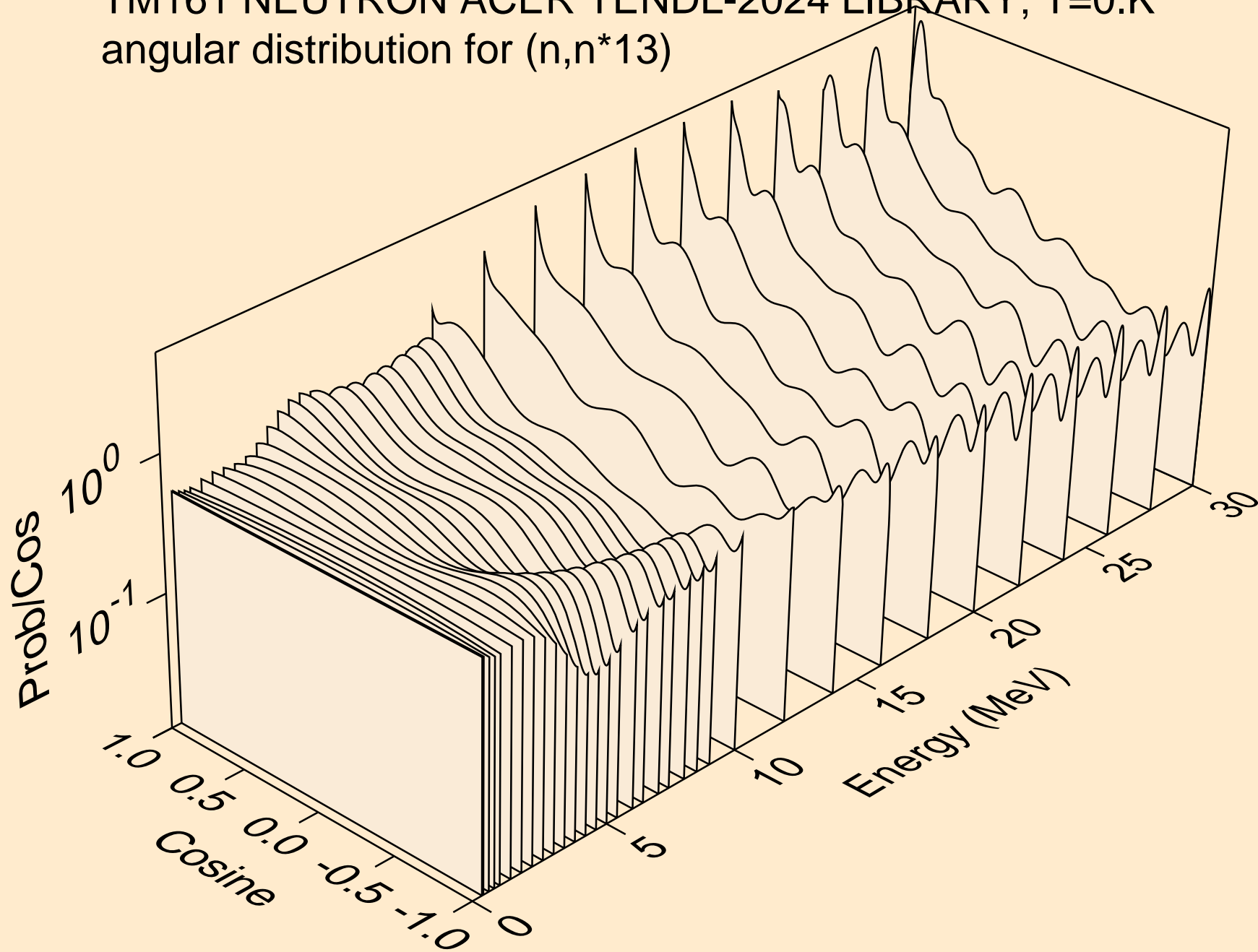
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



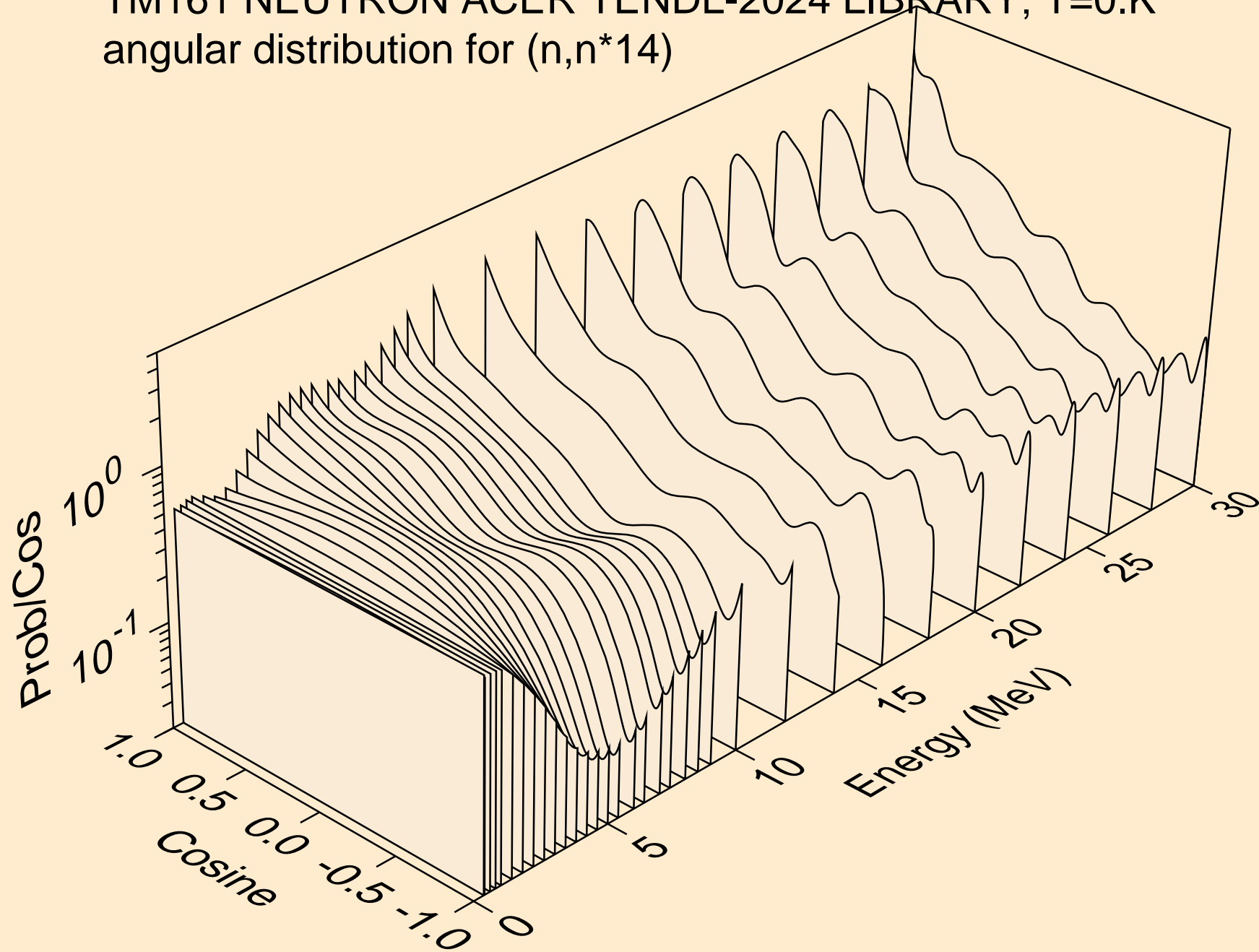
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angular distribution for (n,n\*12)



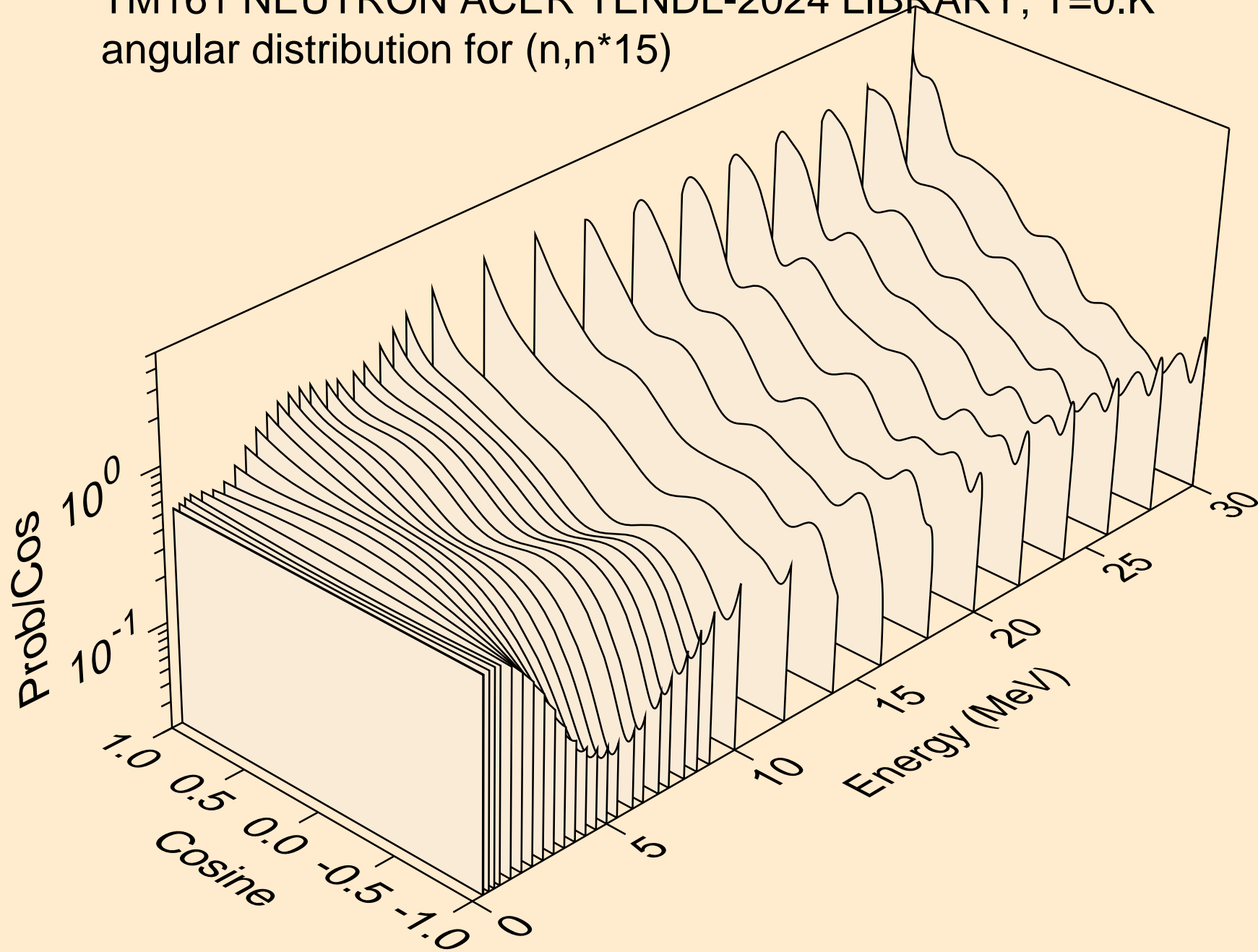
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angular distribution for (n,n\*13)



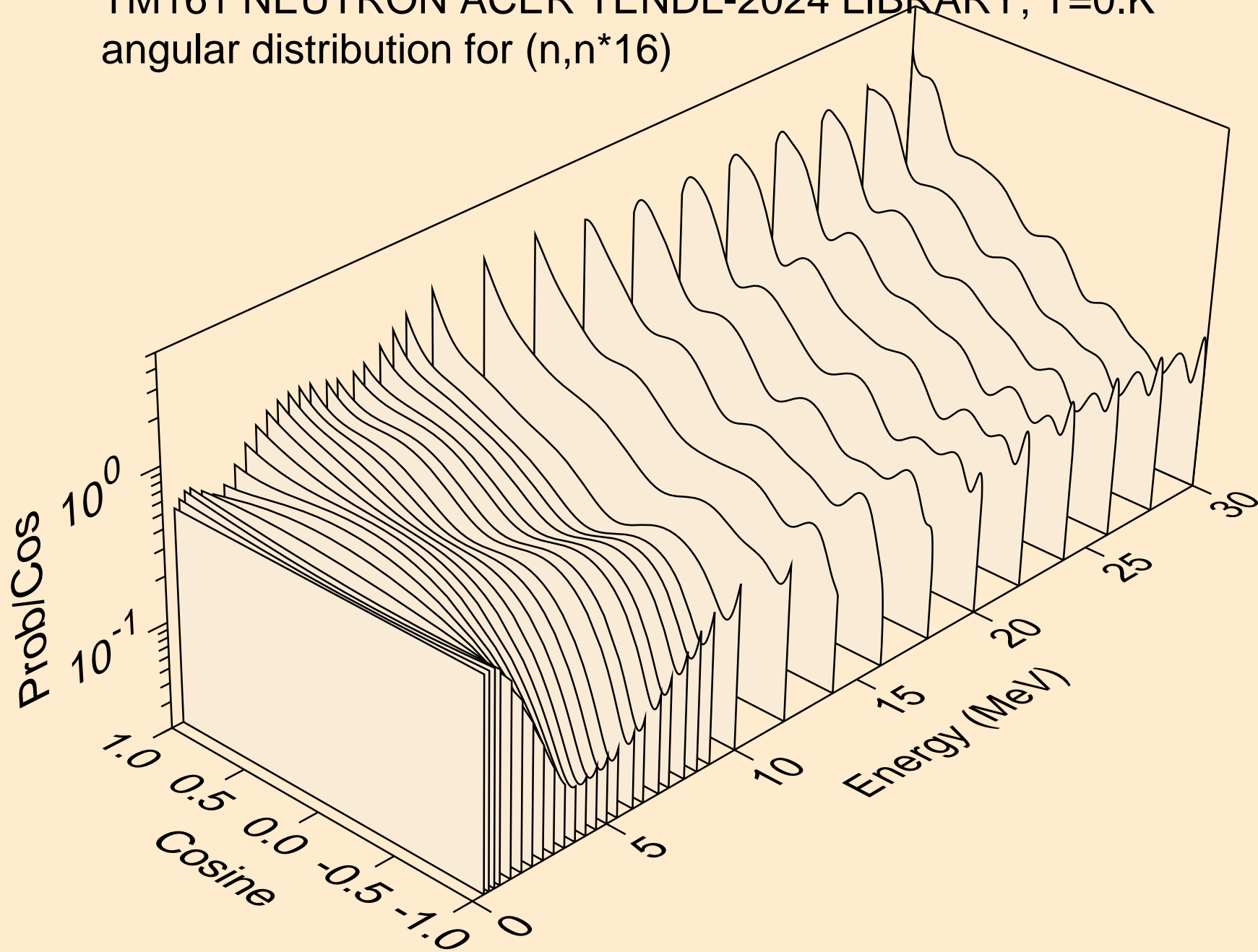
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angular distribution for (n,n\*14)



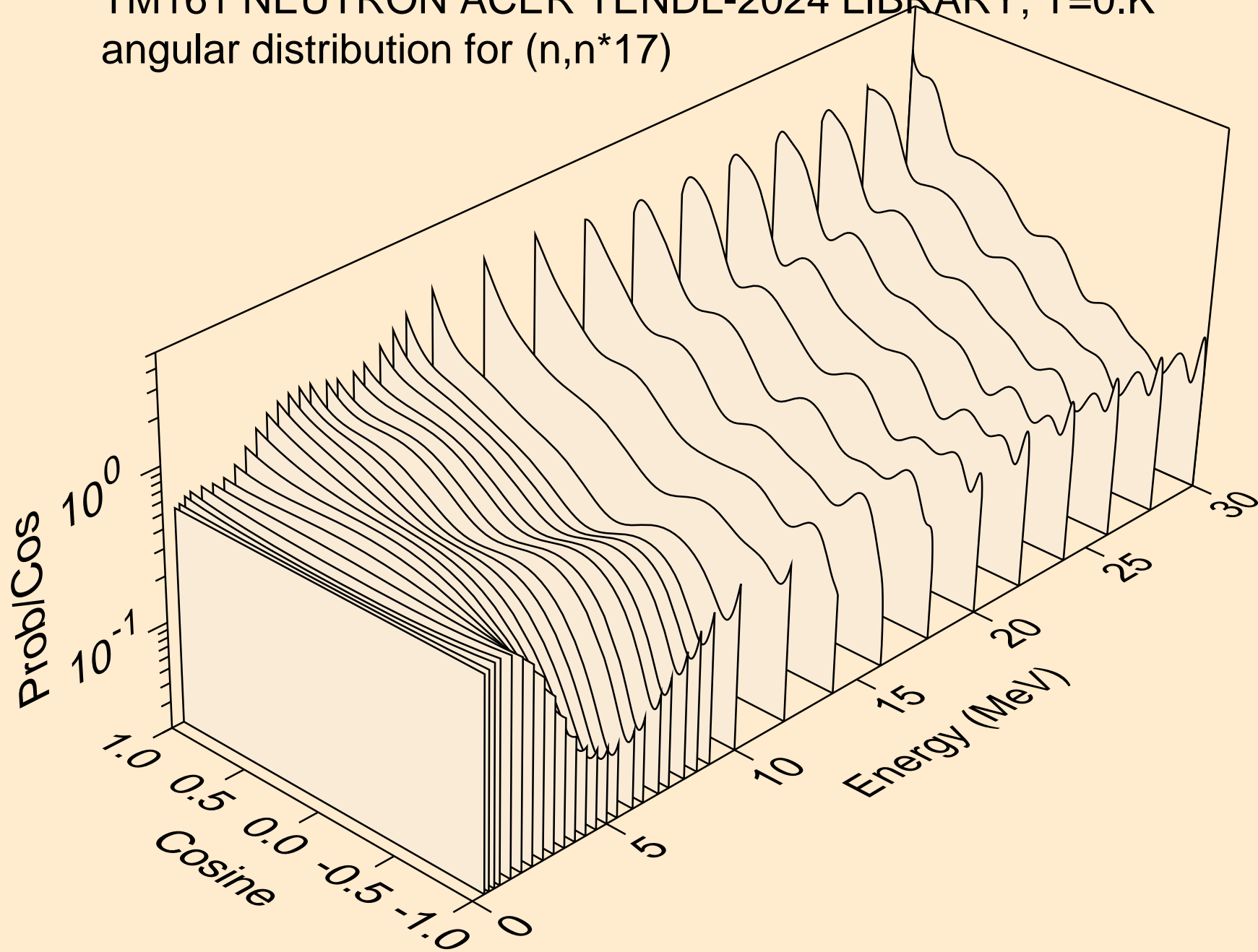
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angular distribution for (n,n\*15)



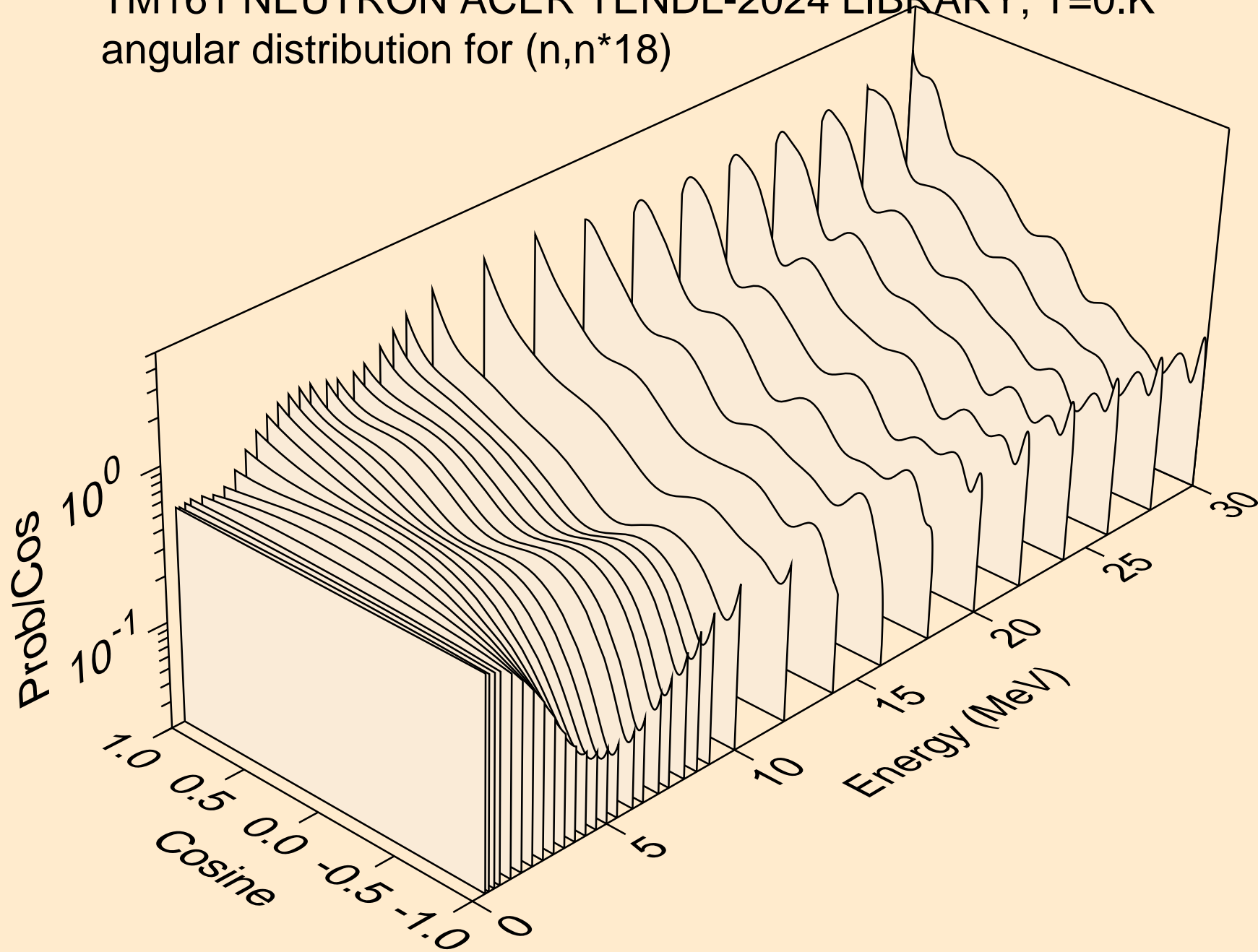
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

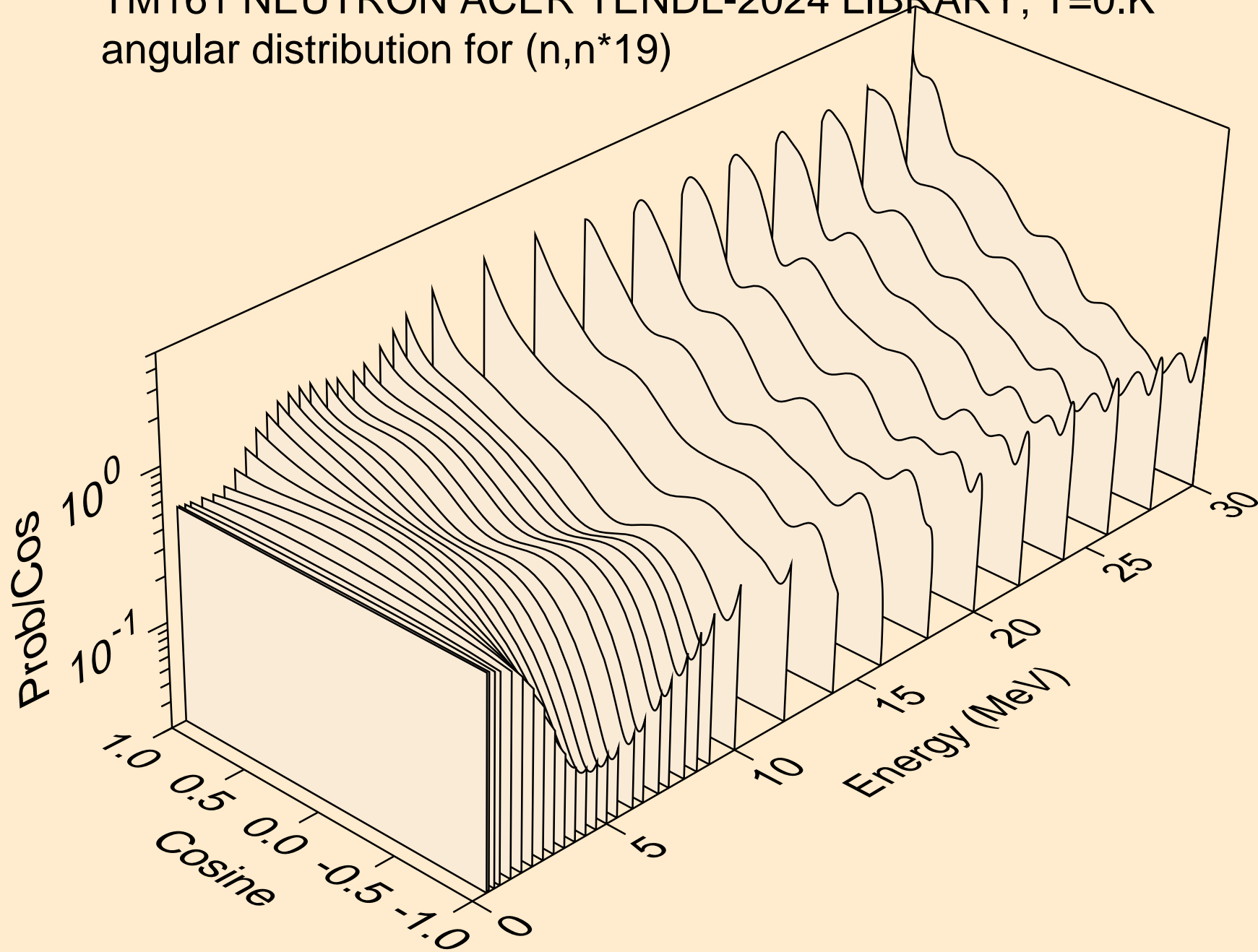


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

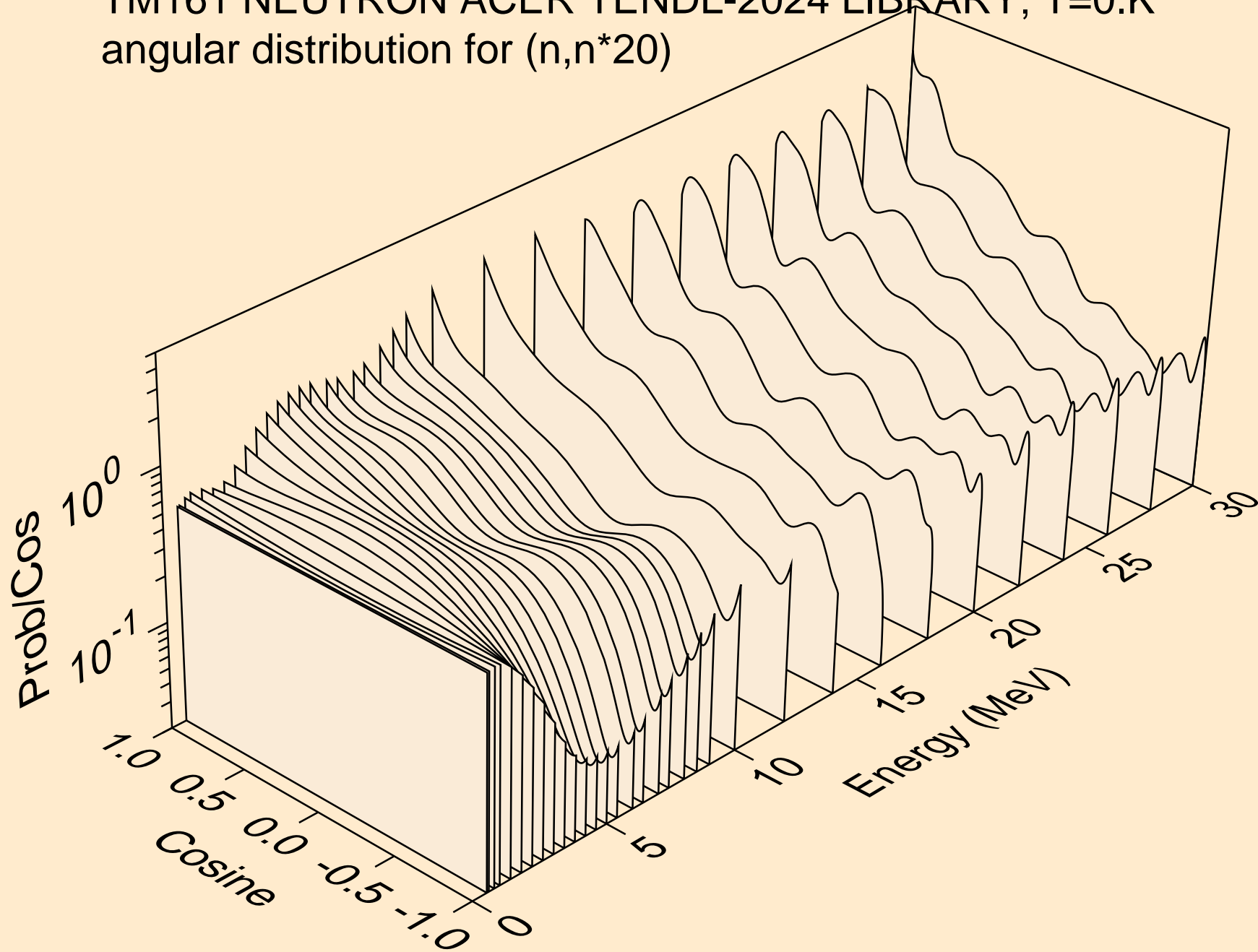




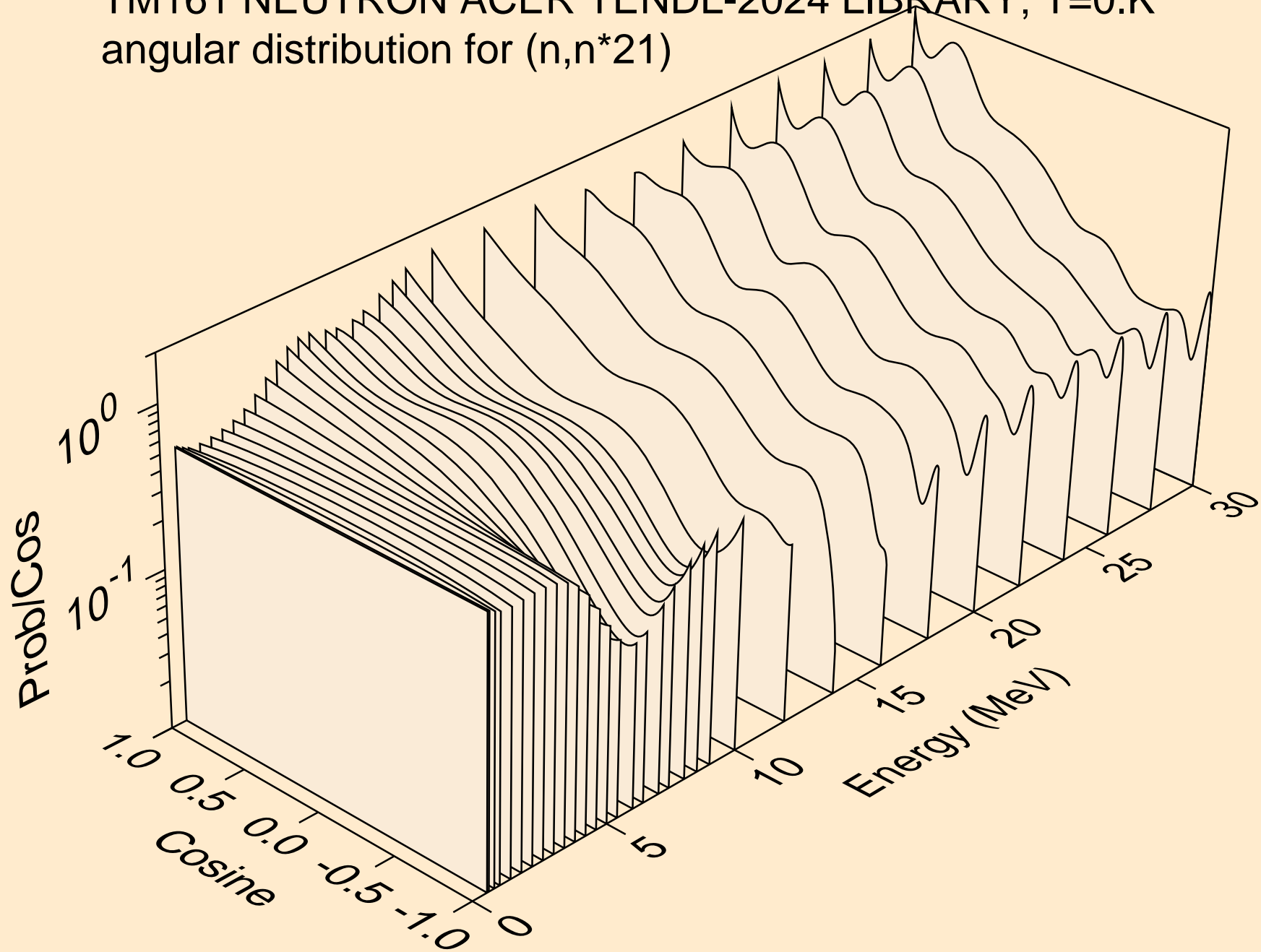
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



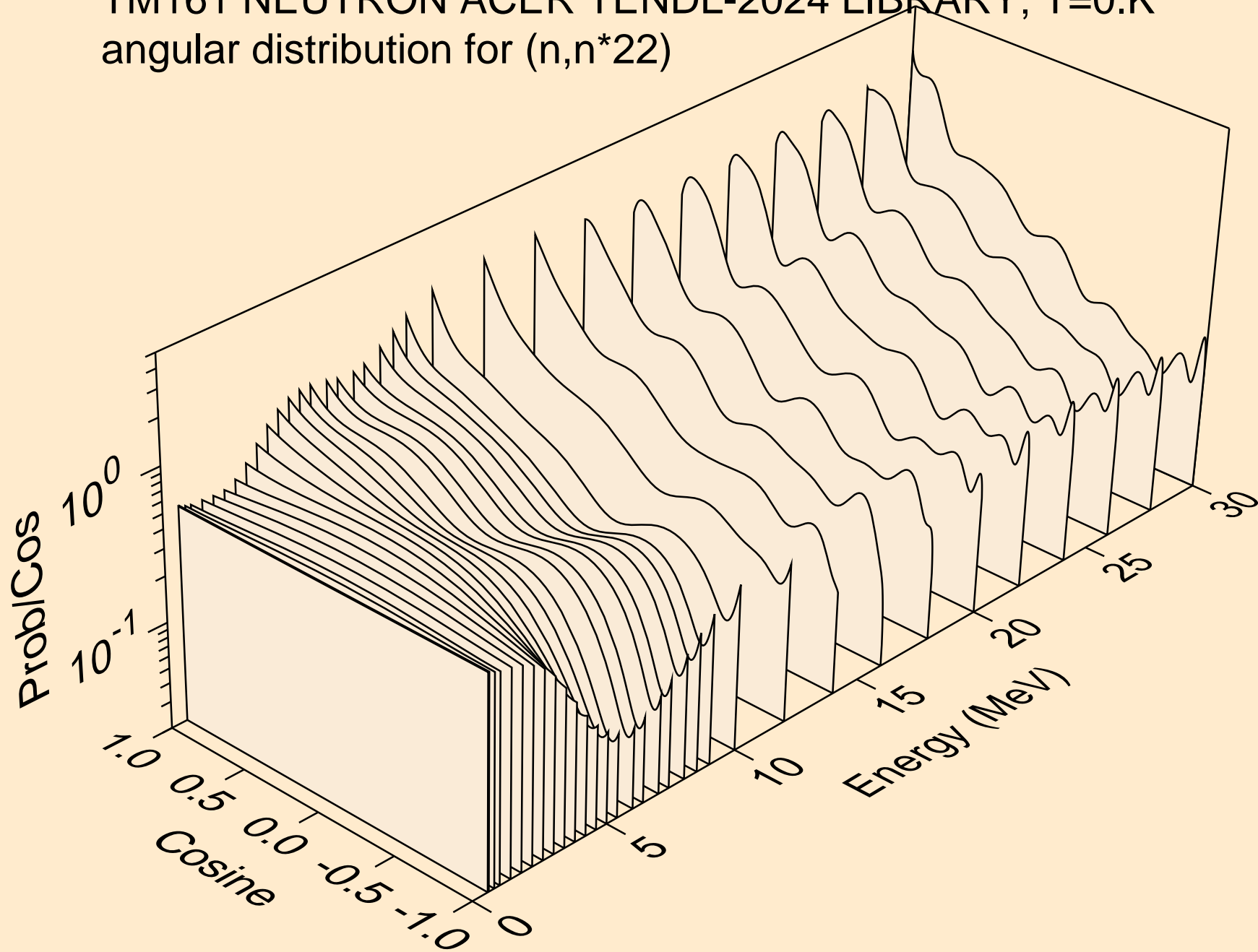
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



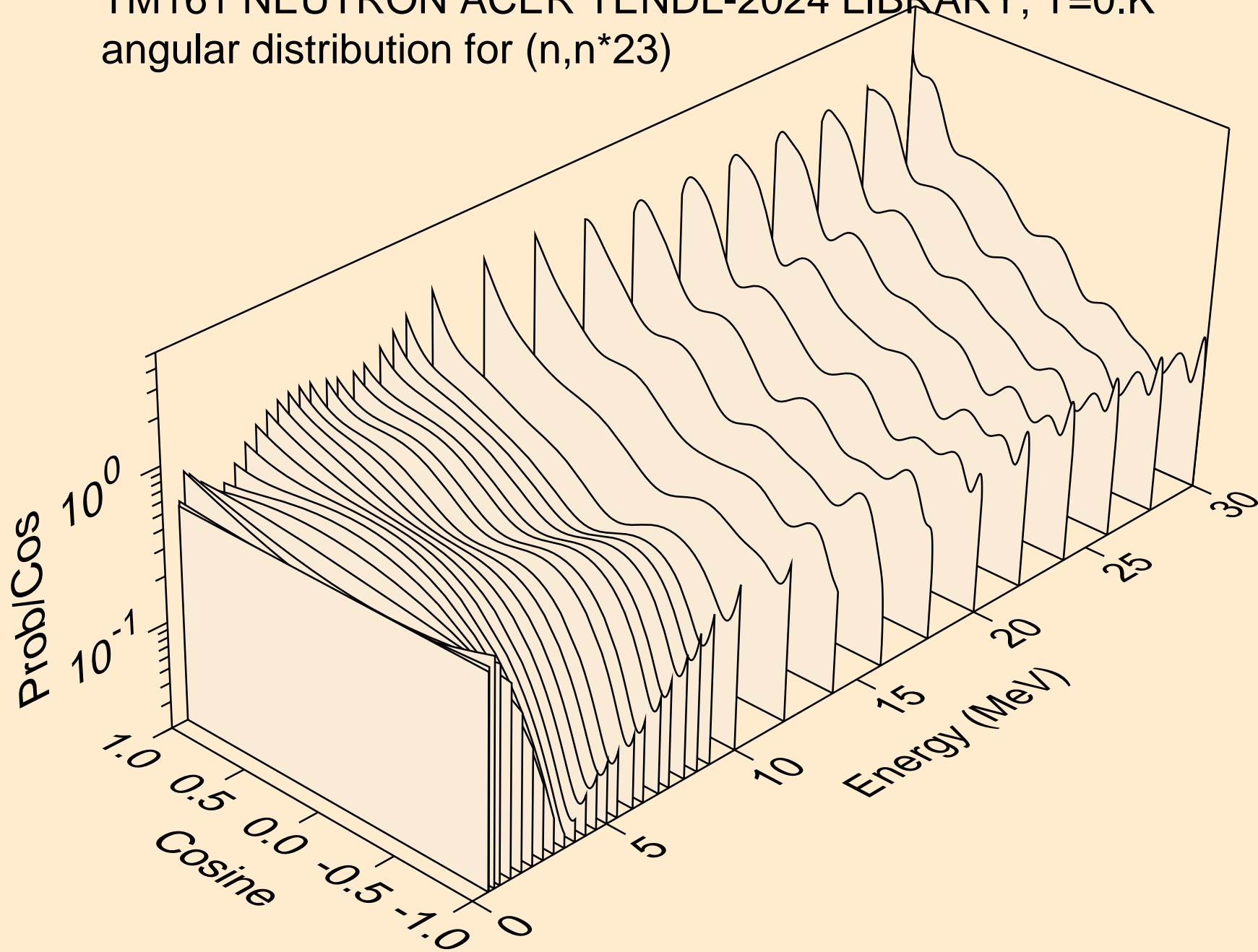
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



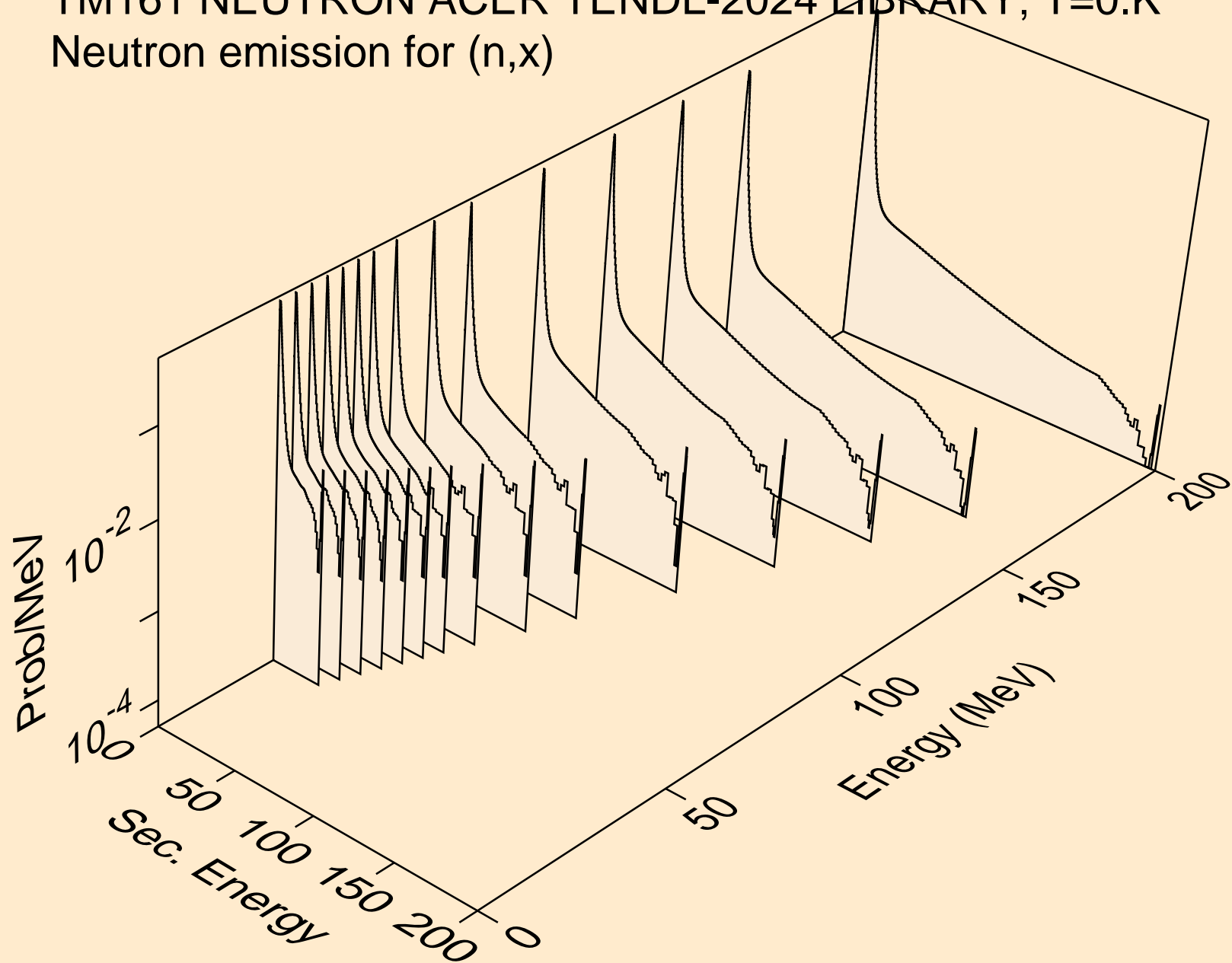
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



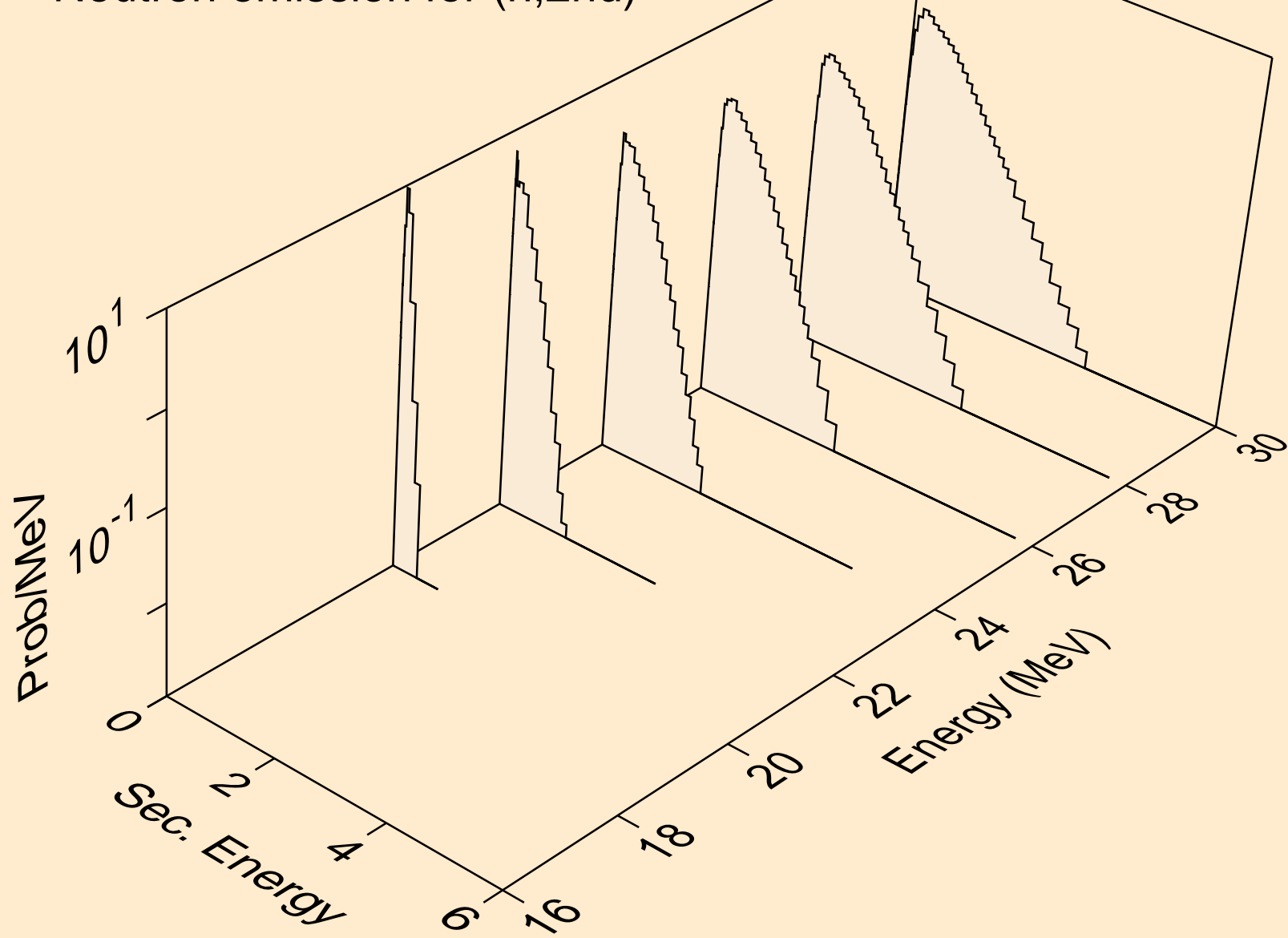
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



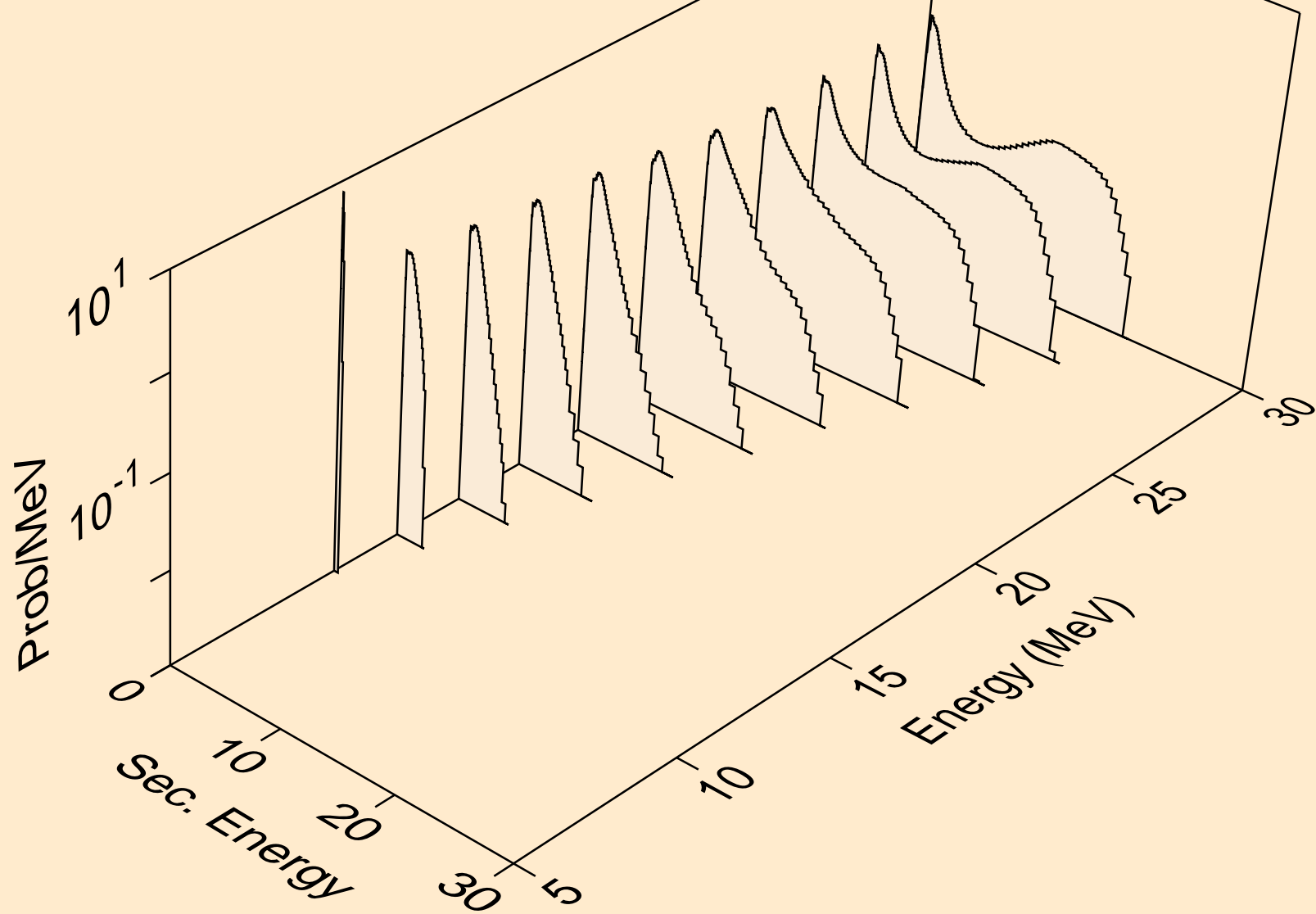
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

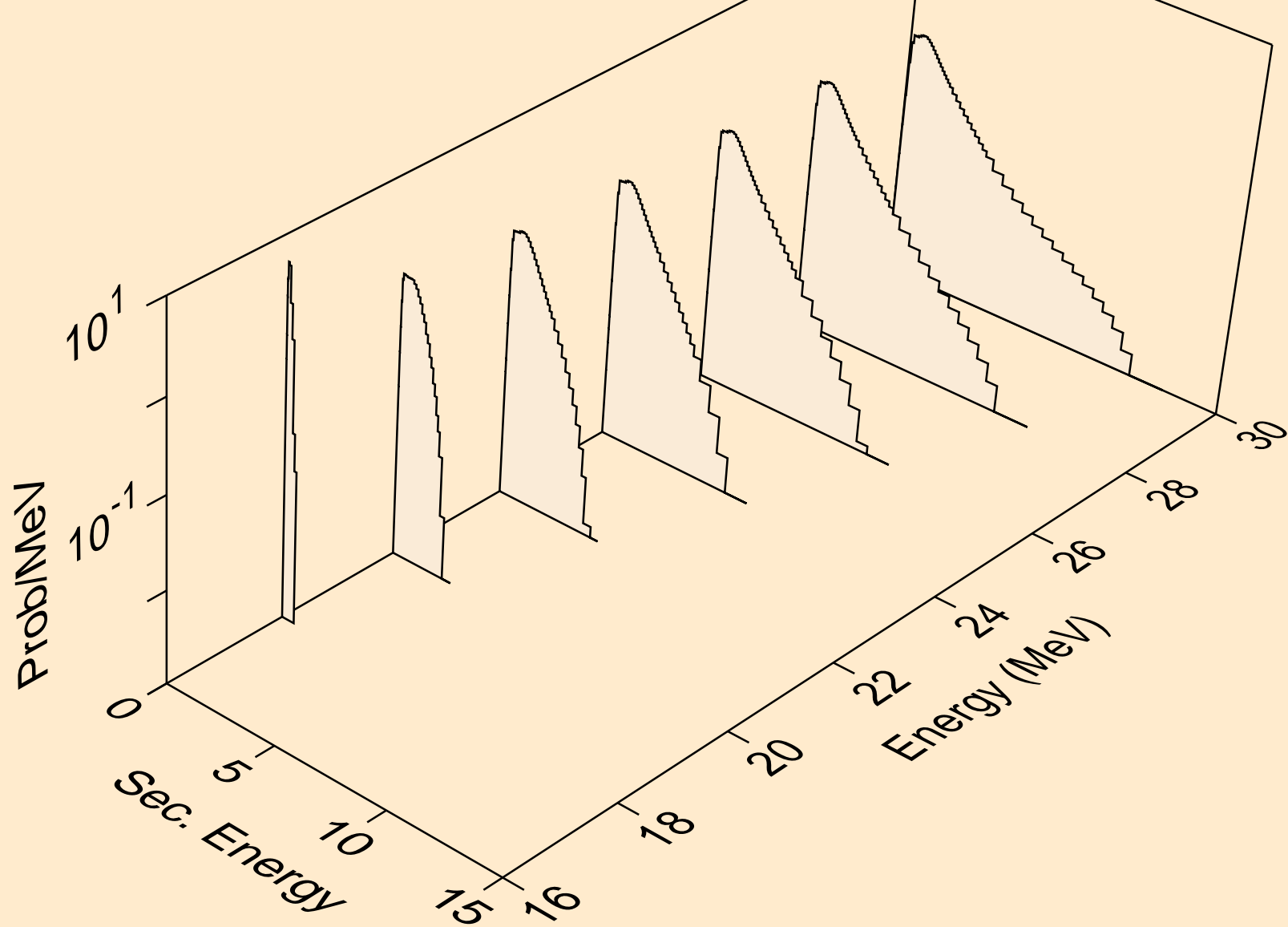


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

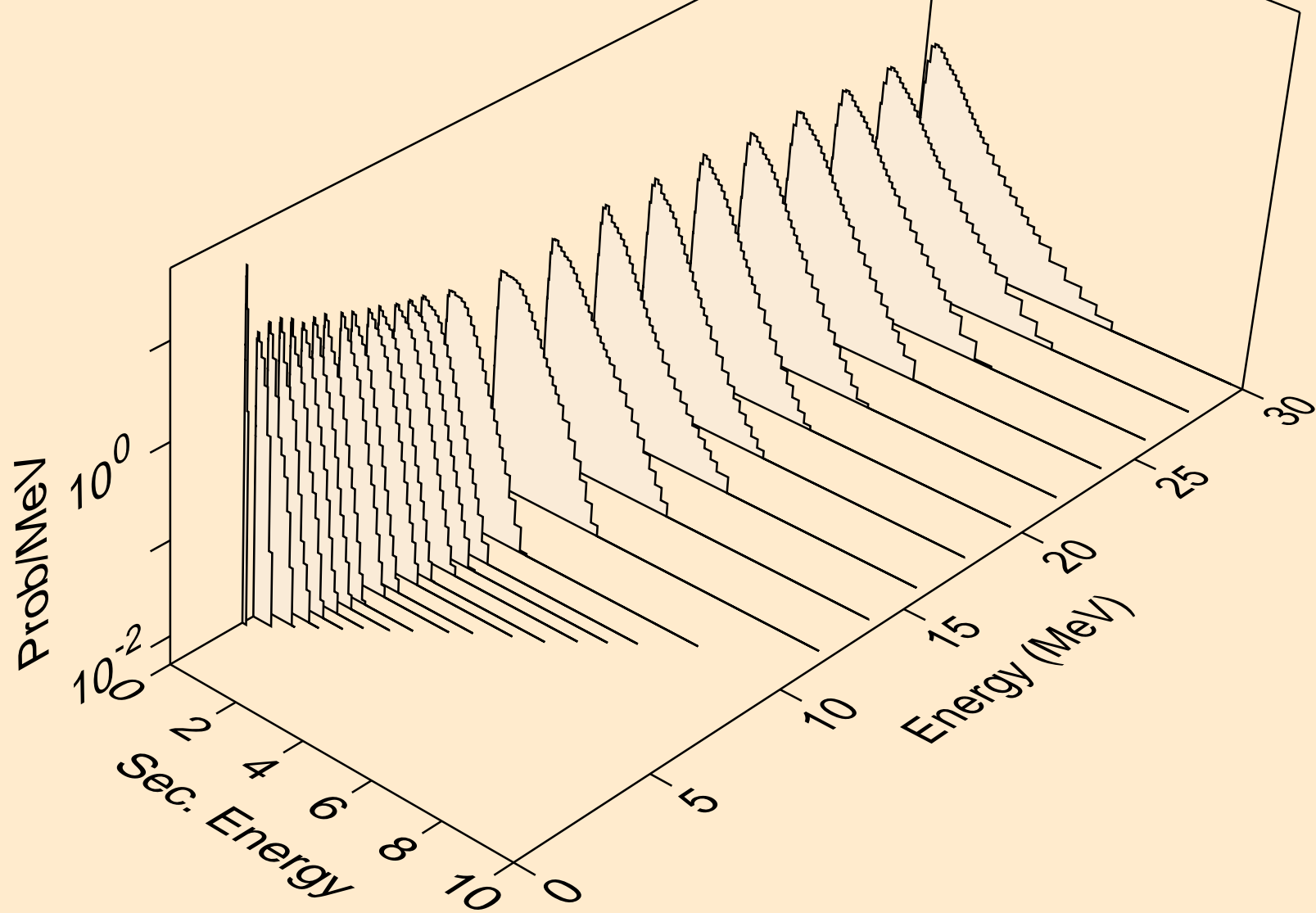




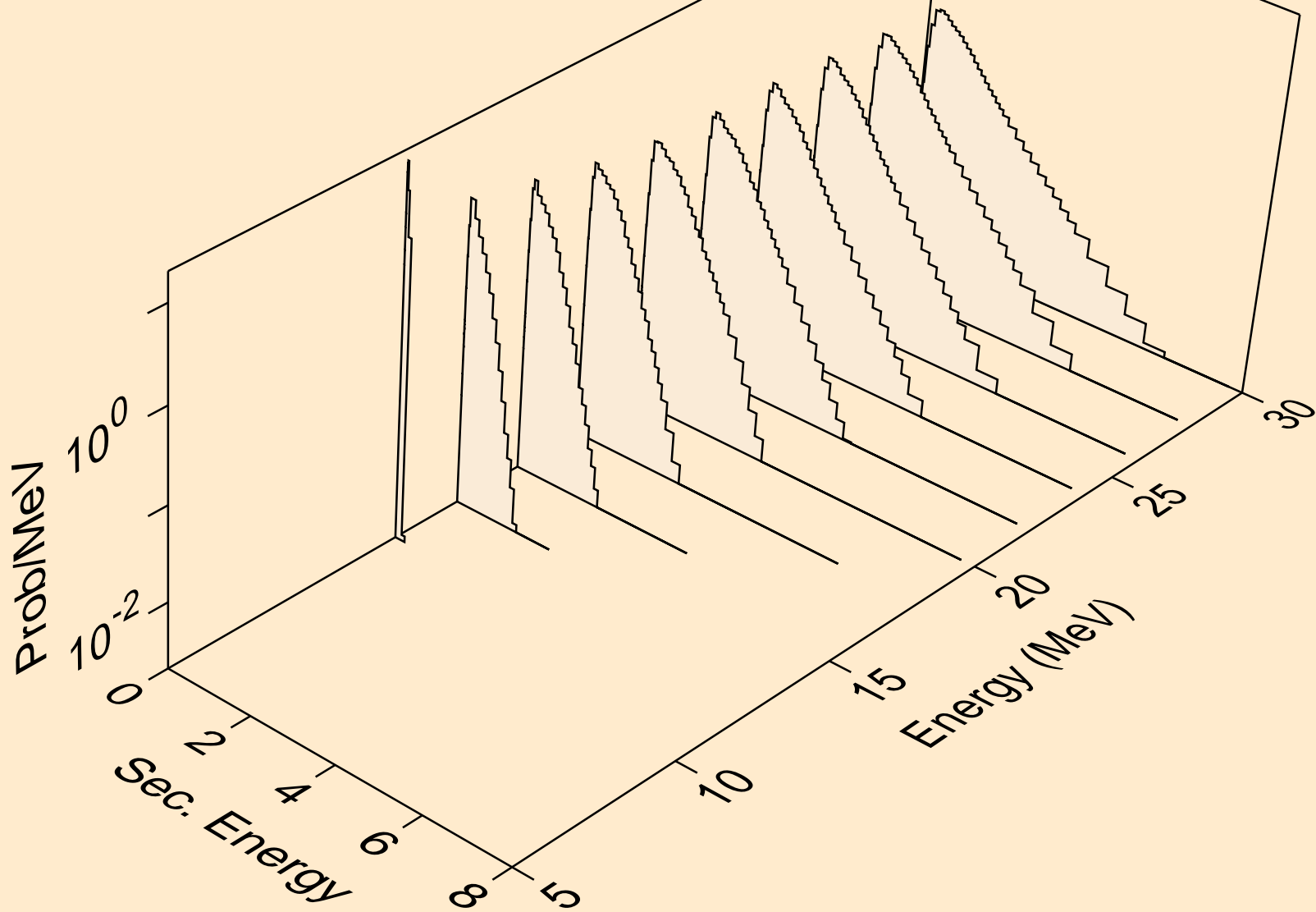
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



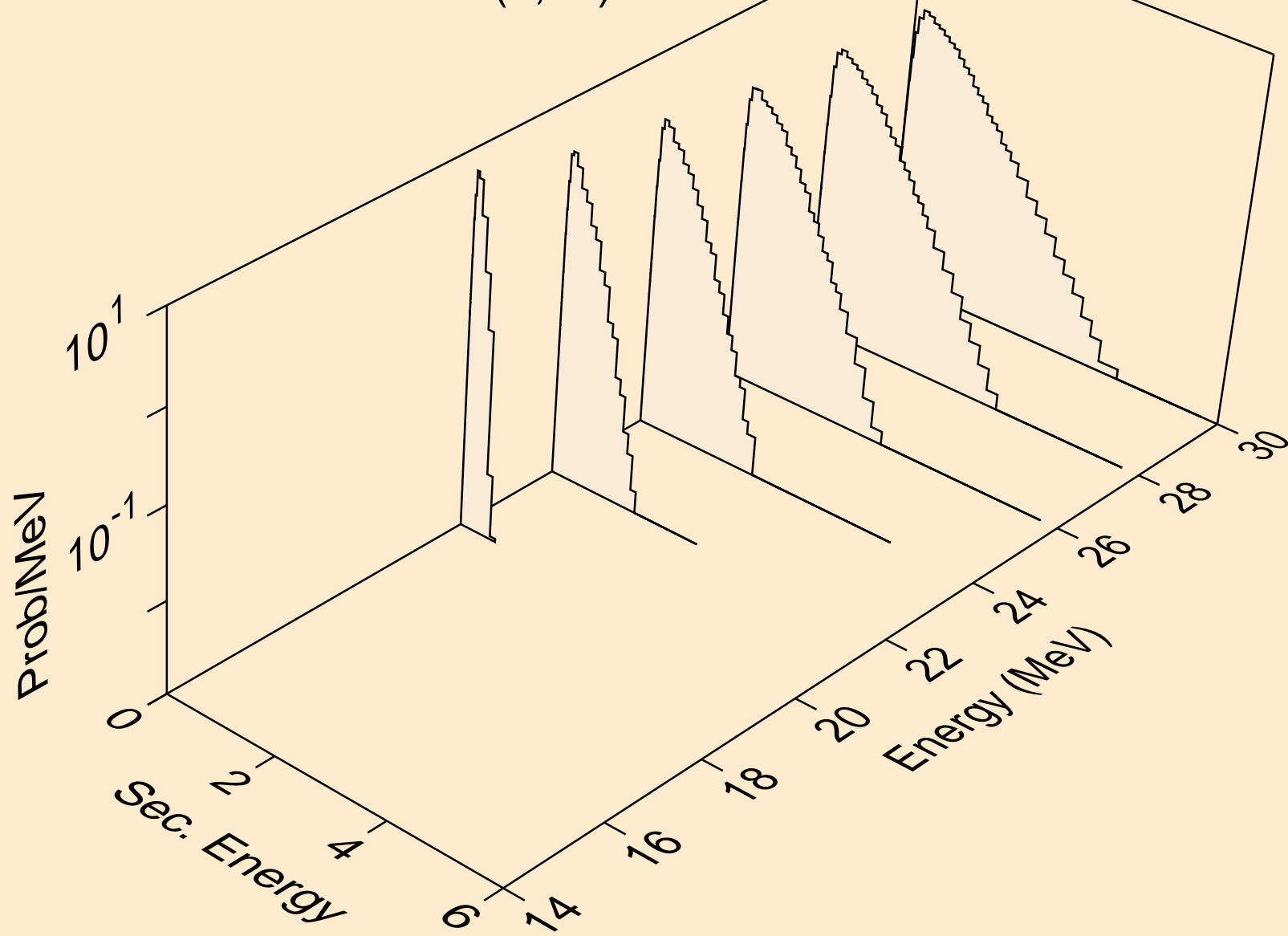
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



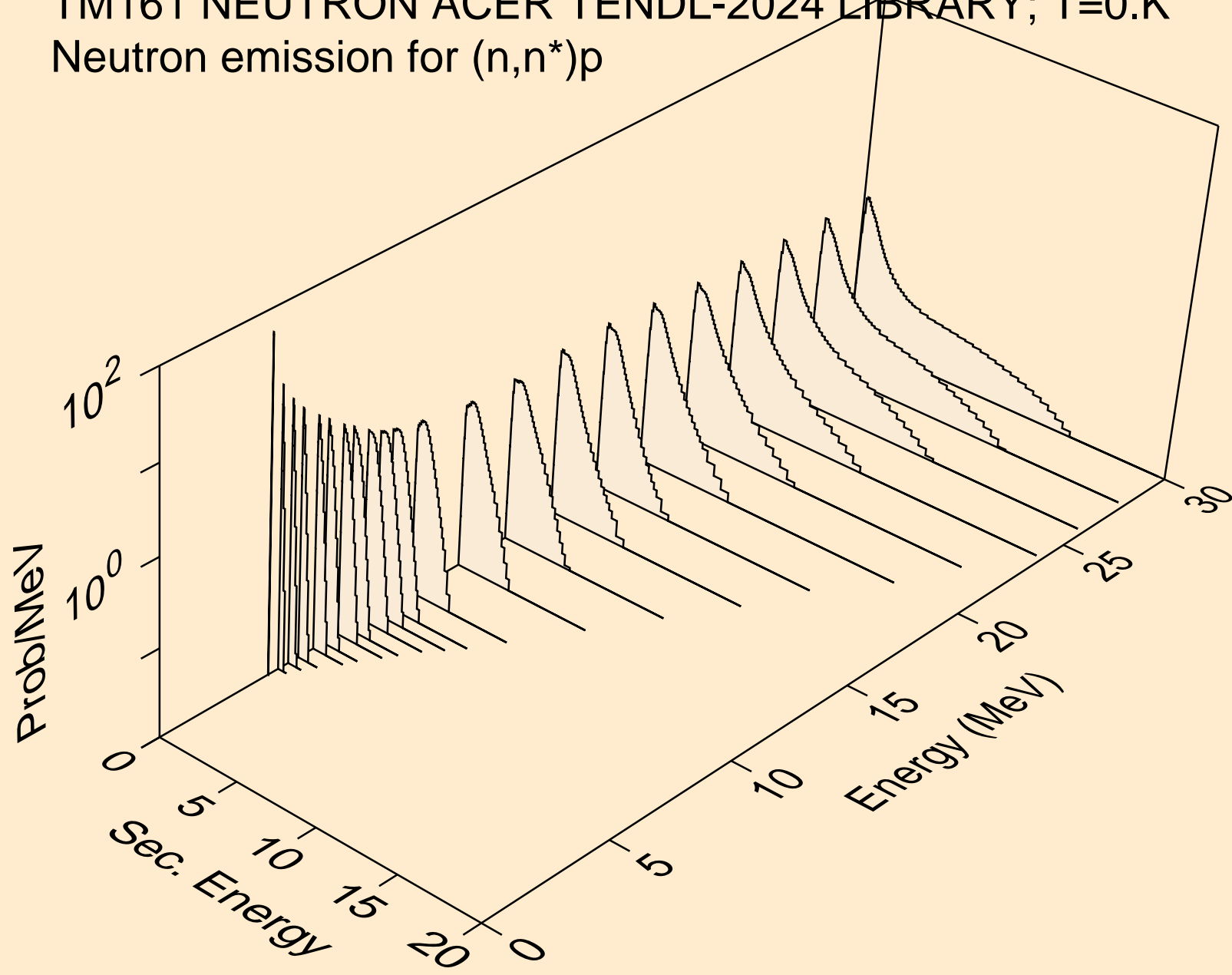
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



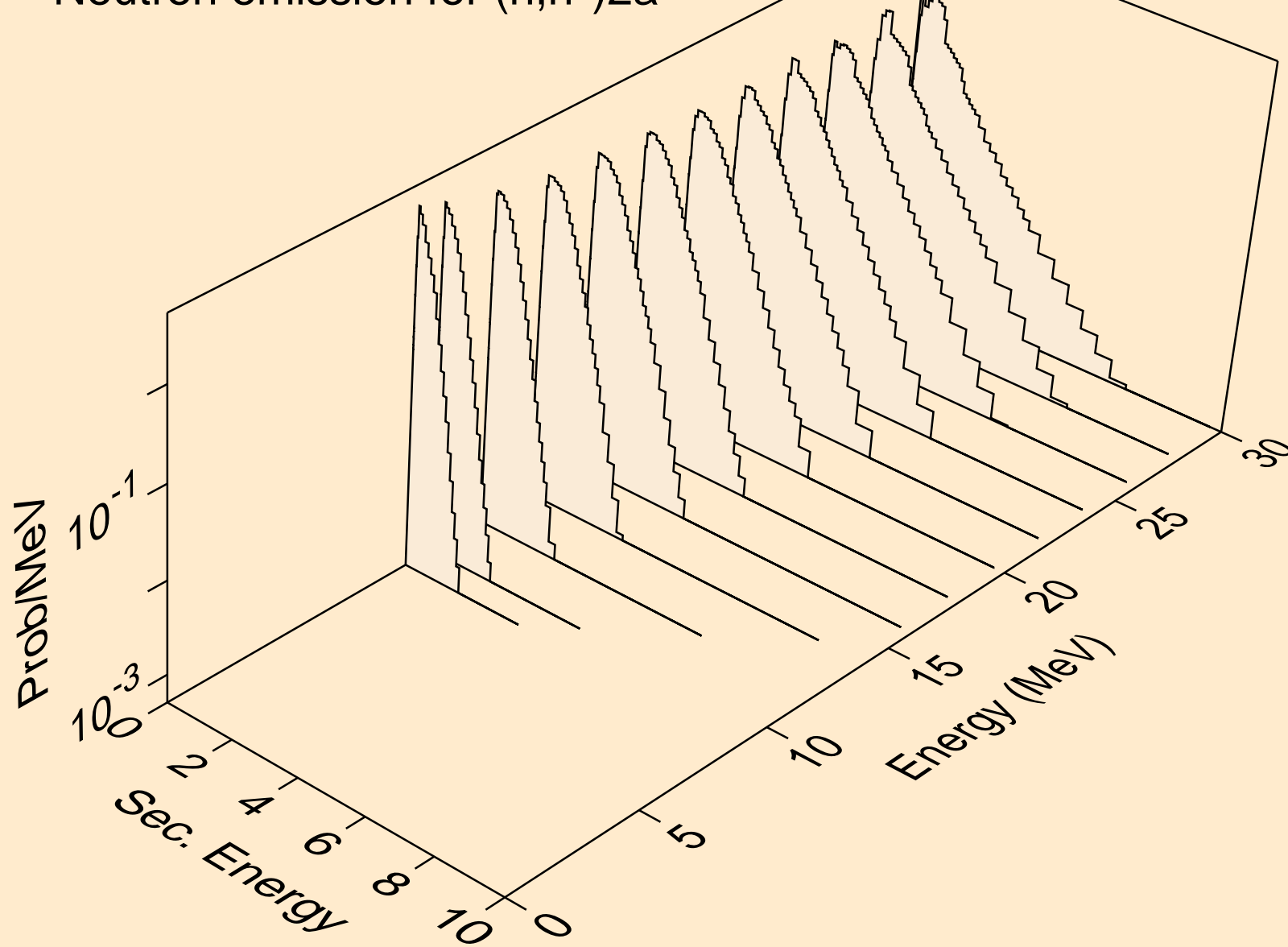
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



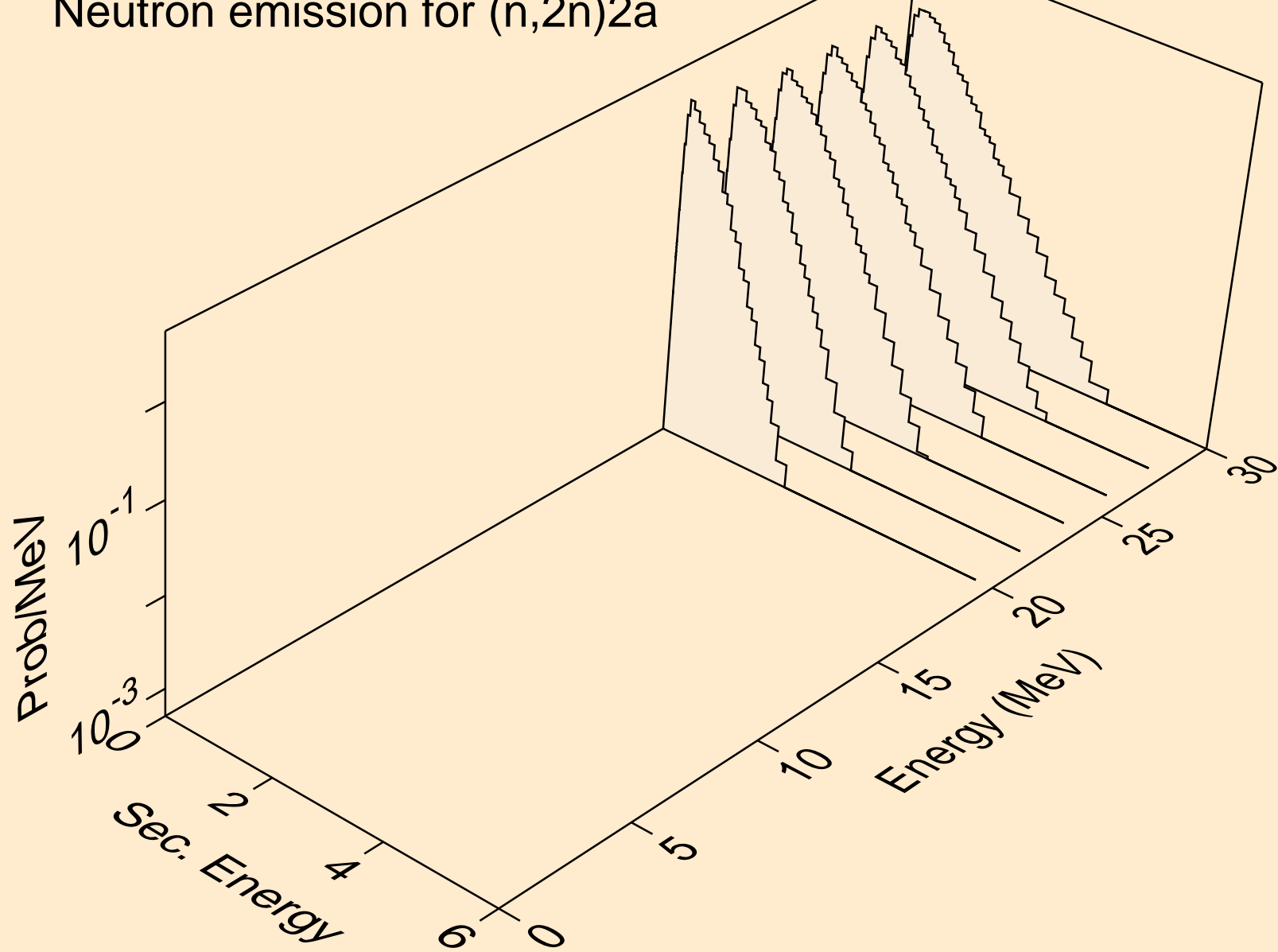
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



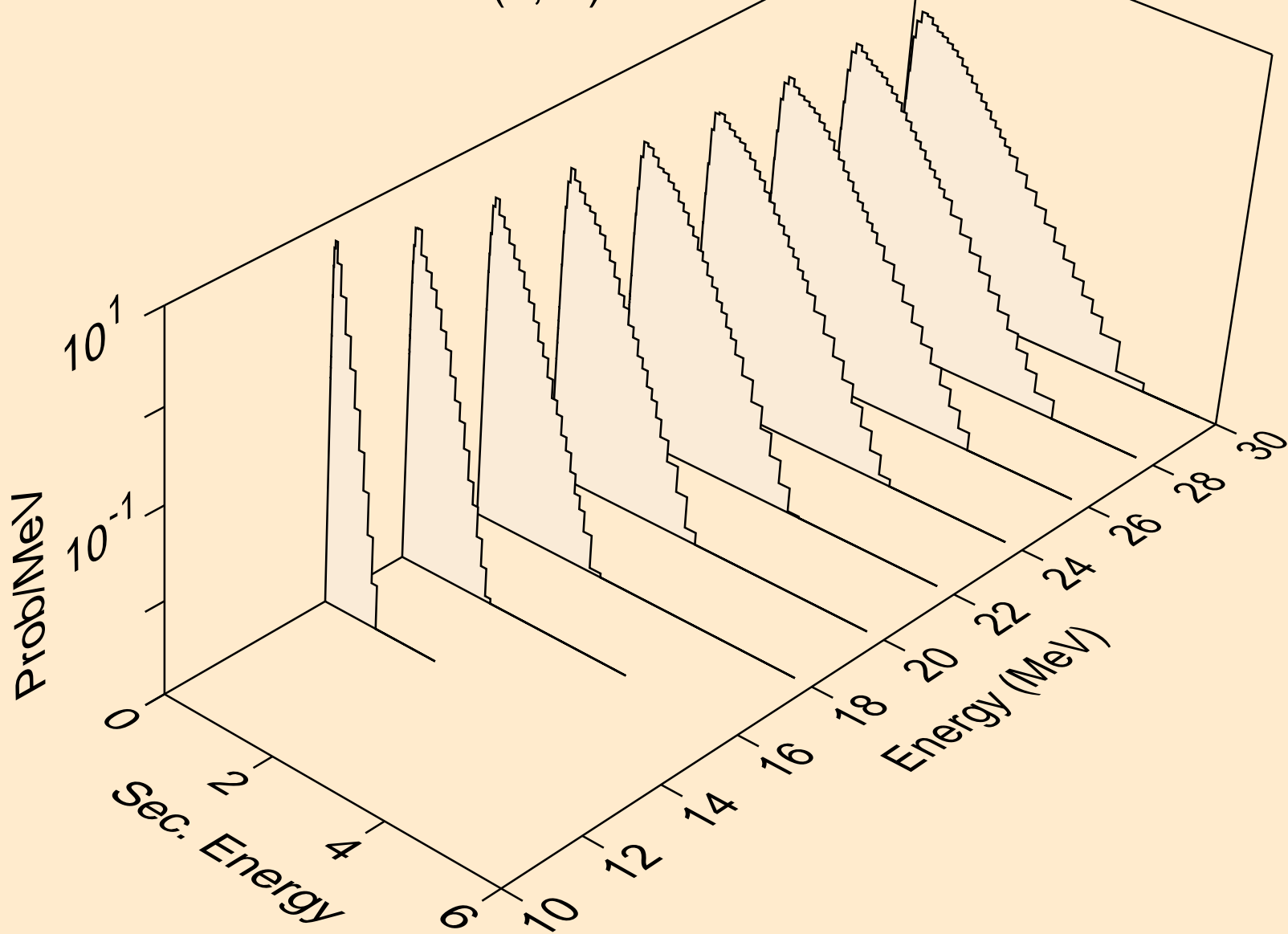
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

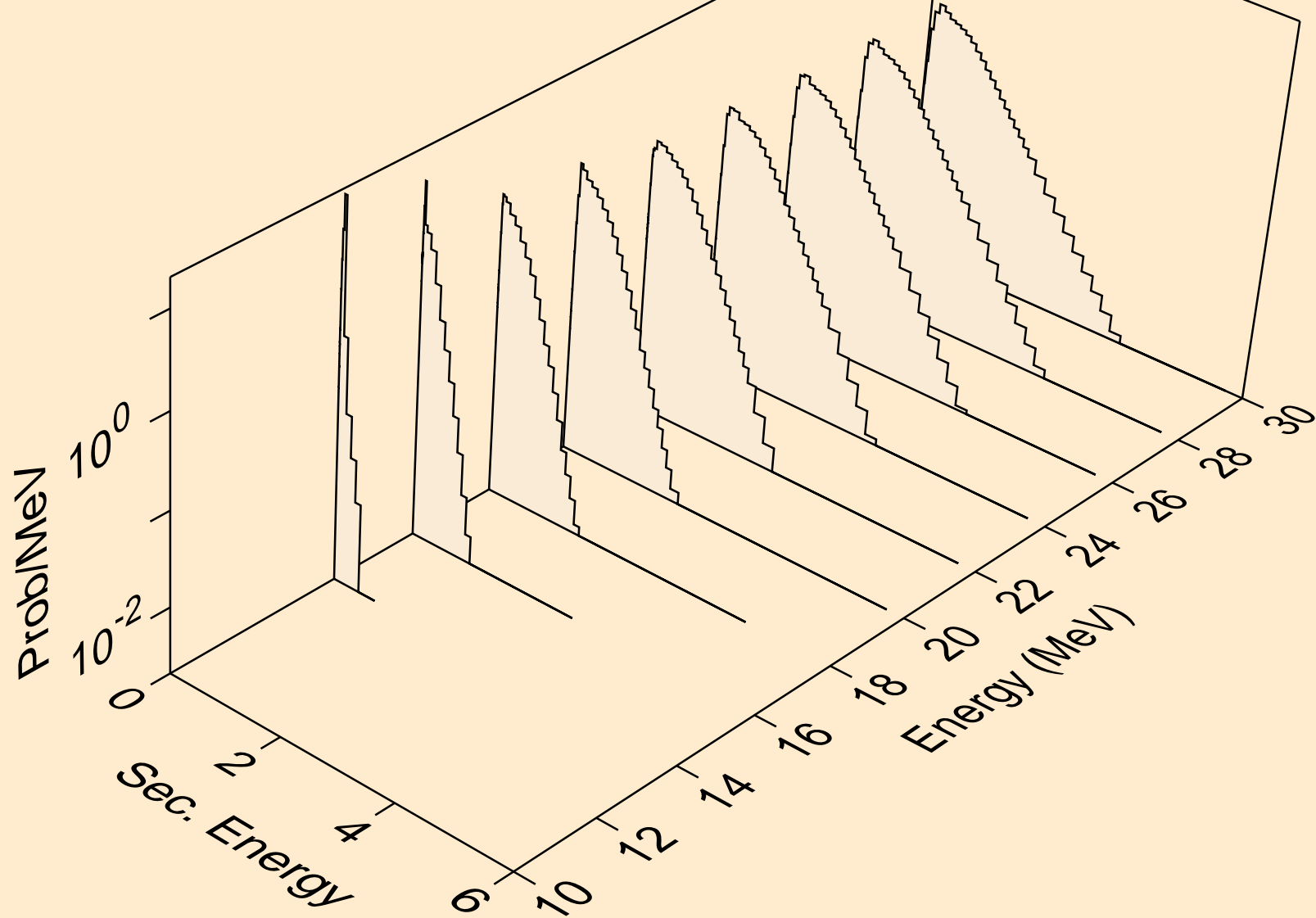


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

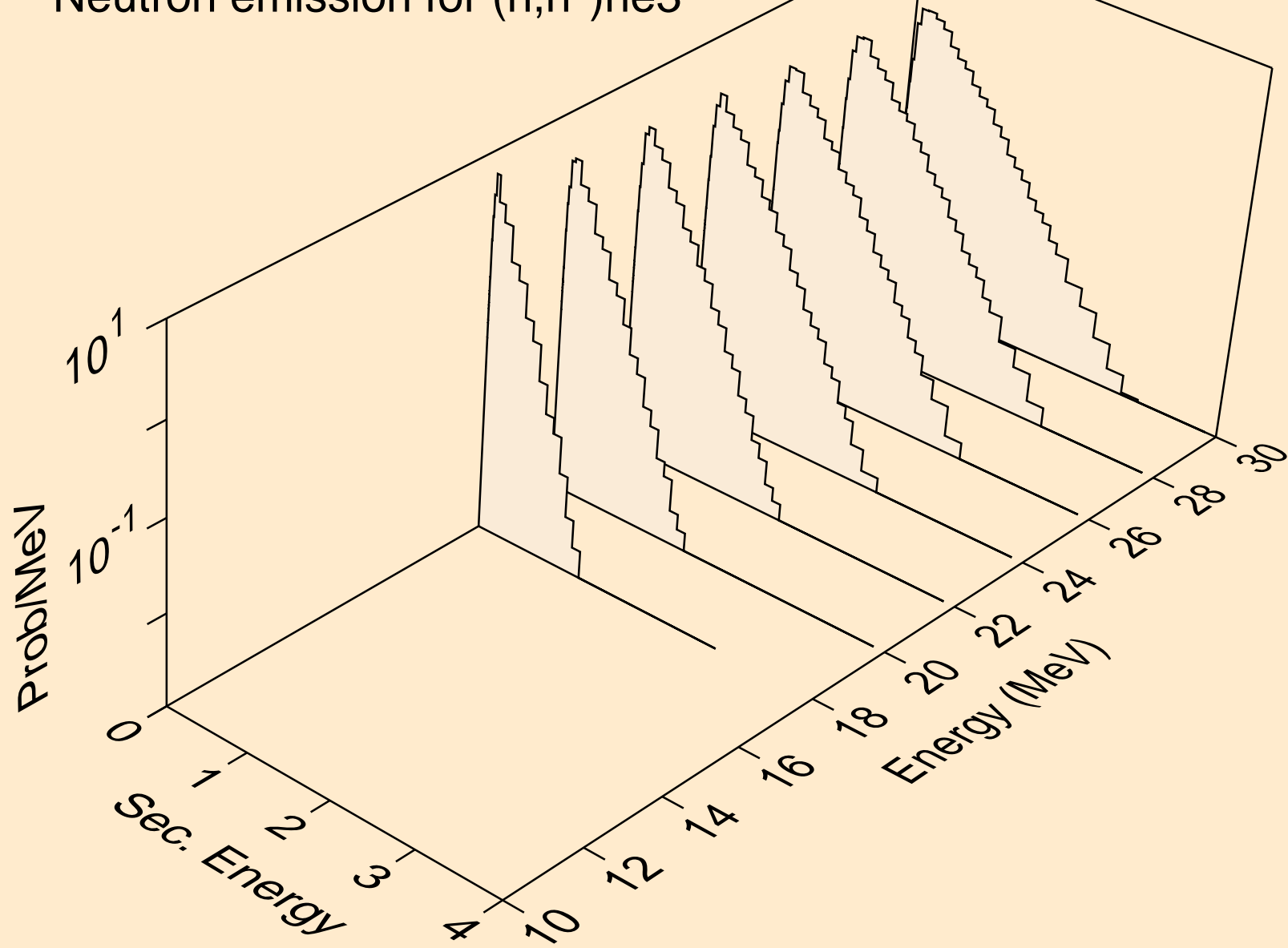




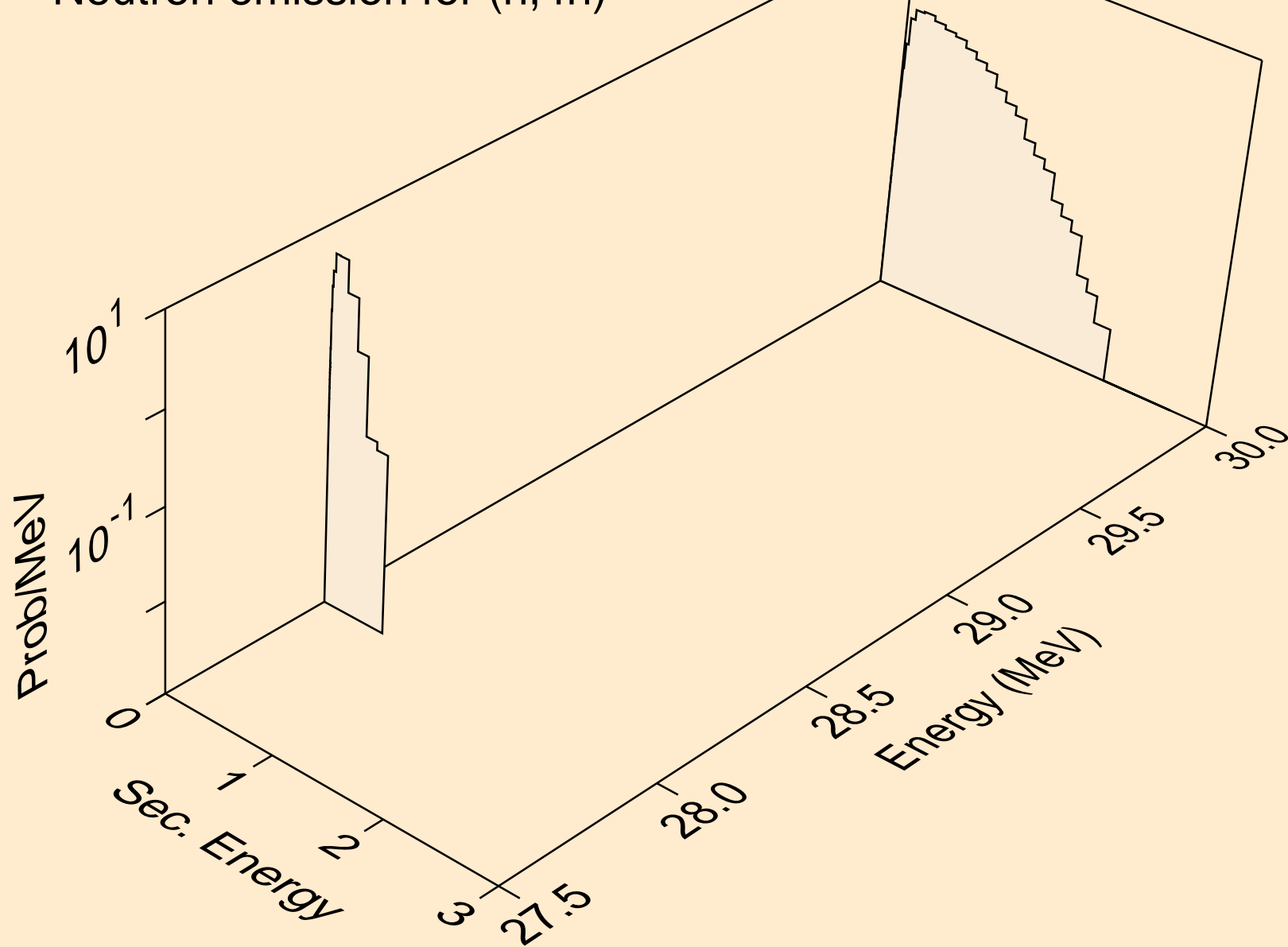
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



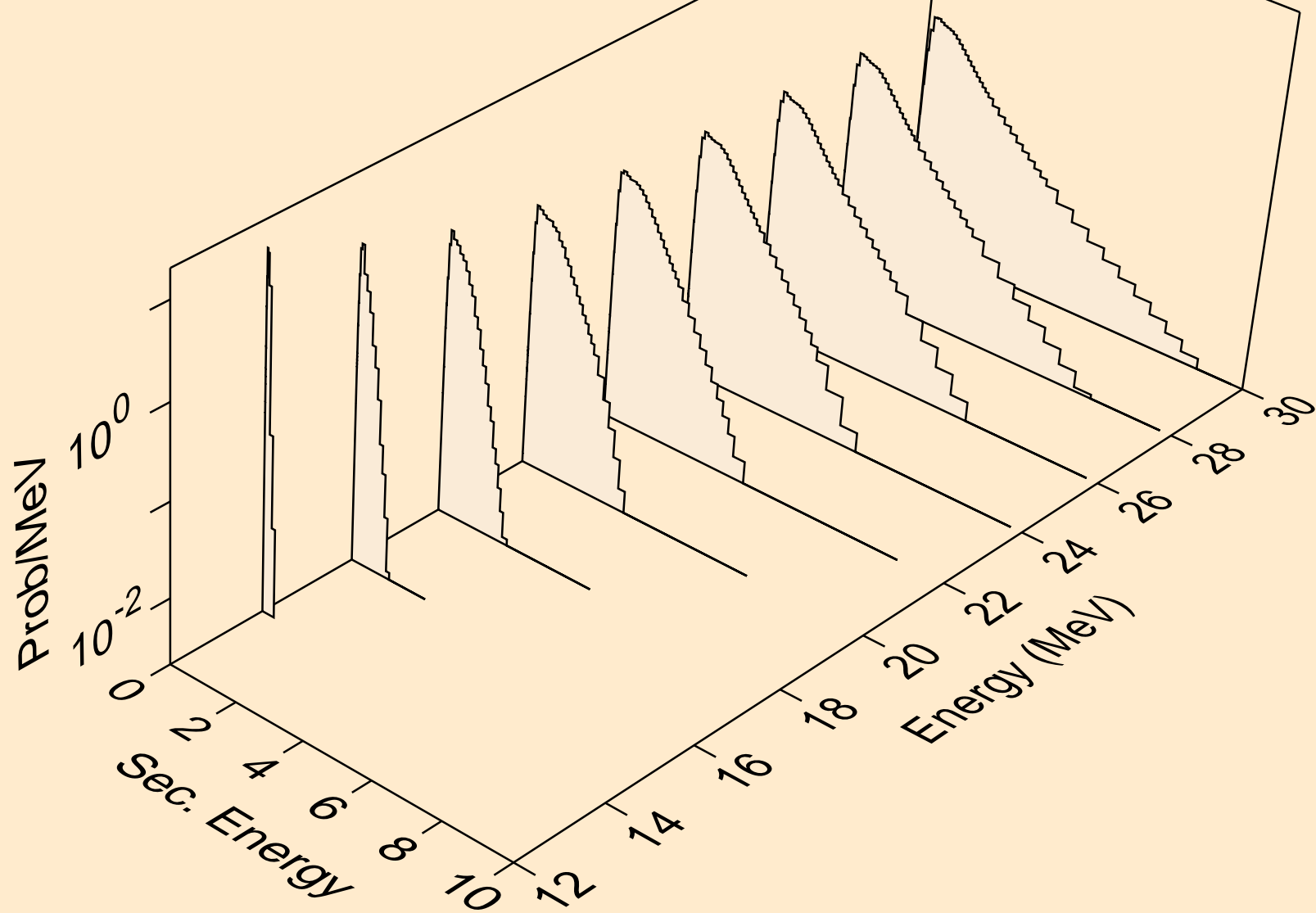
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



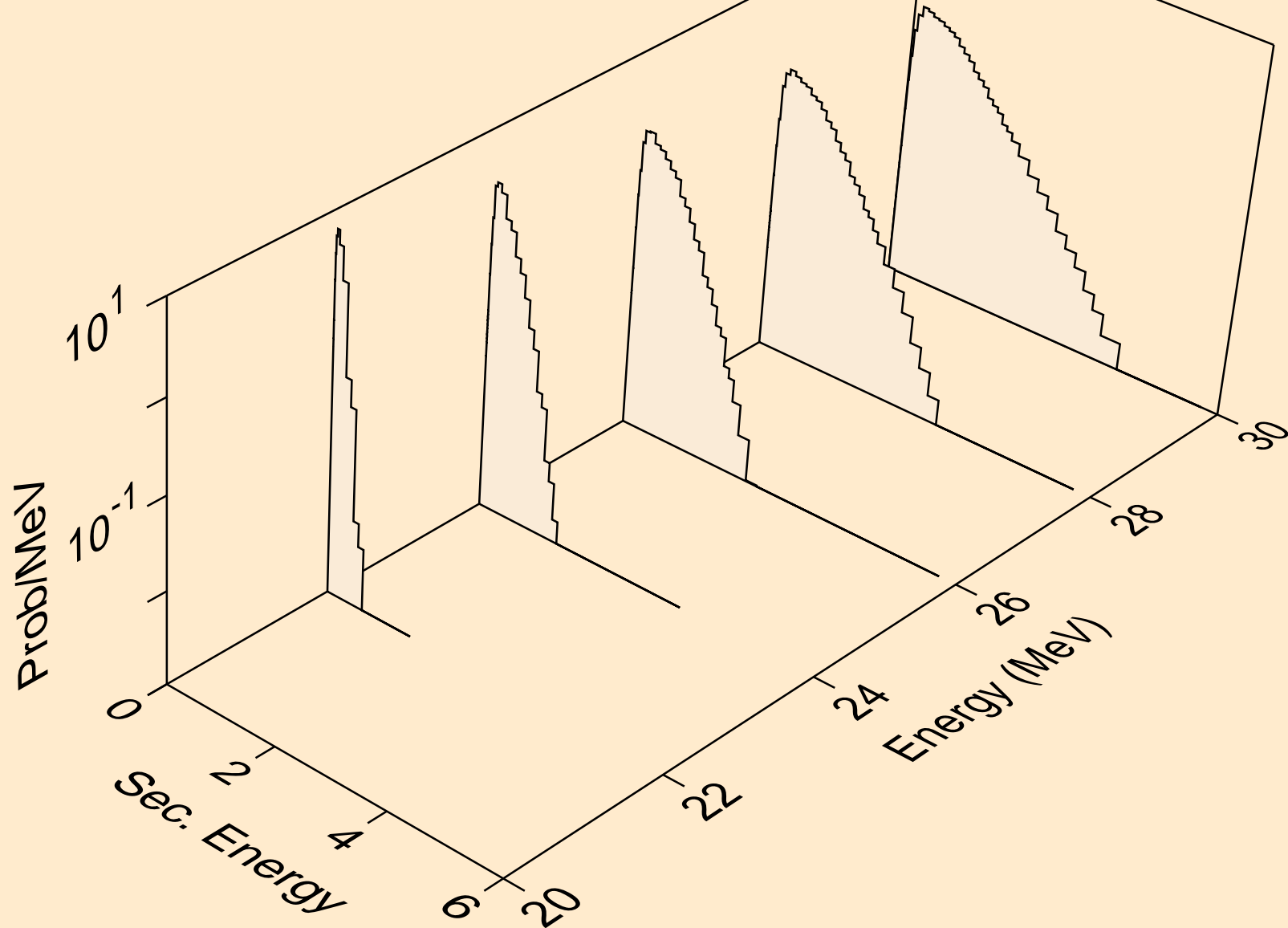
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



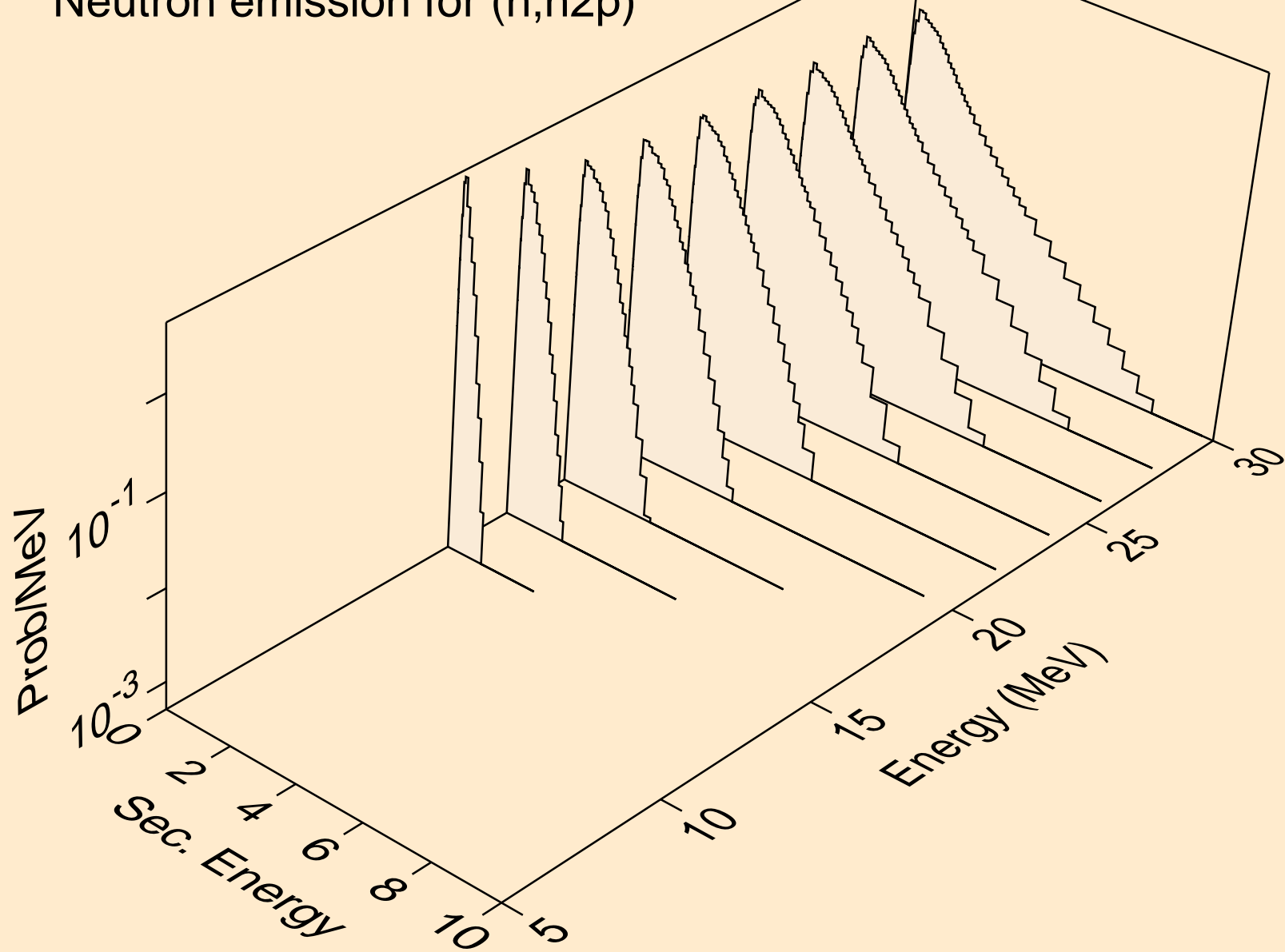
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



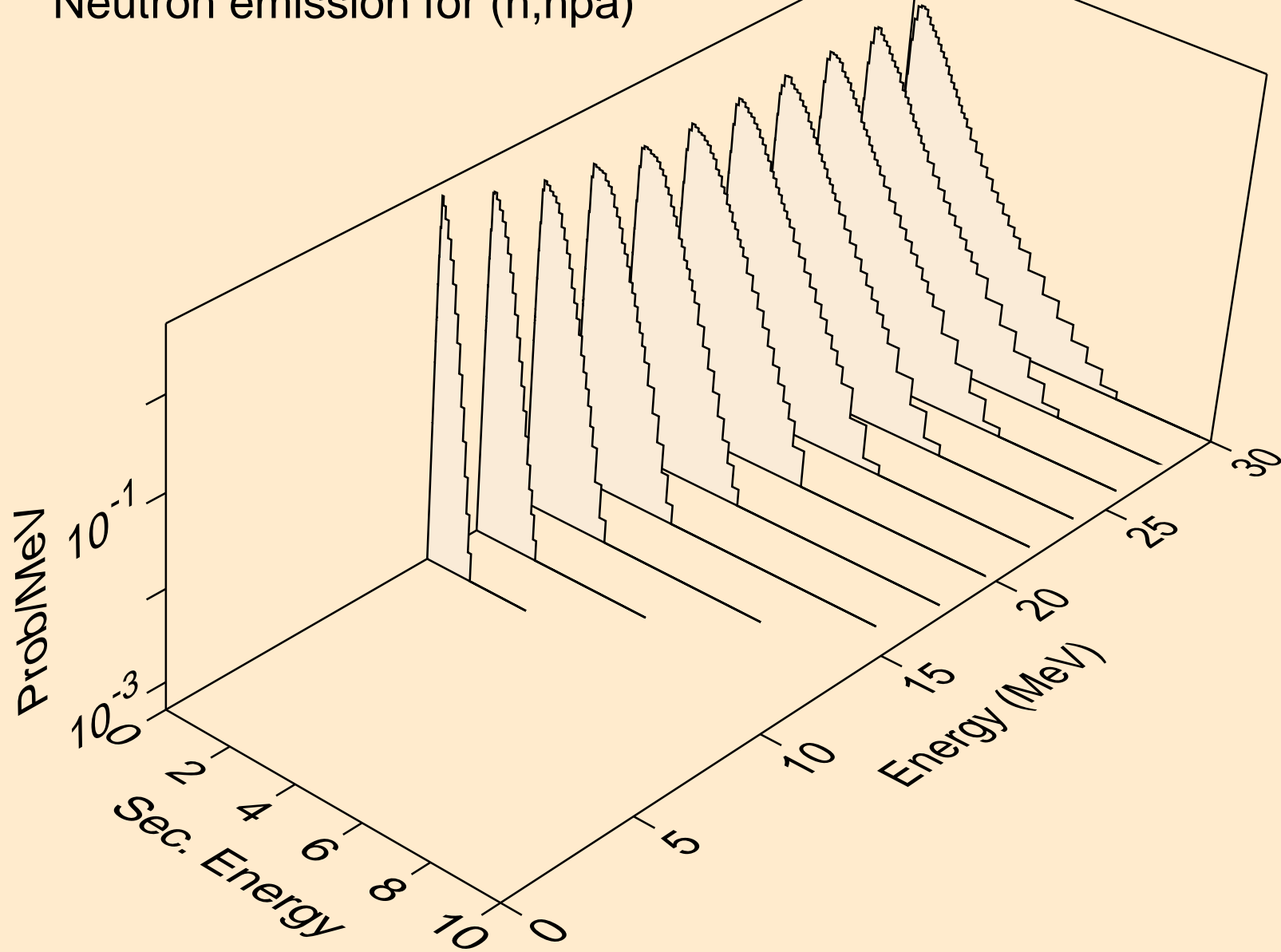
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



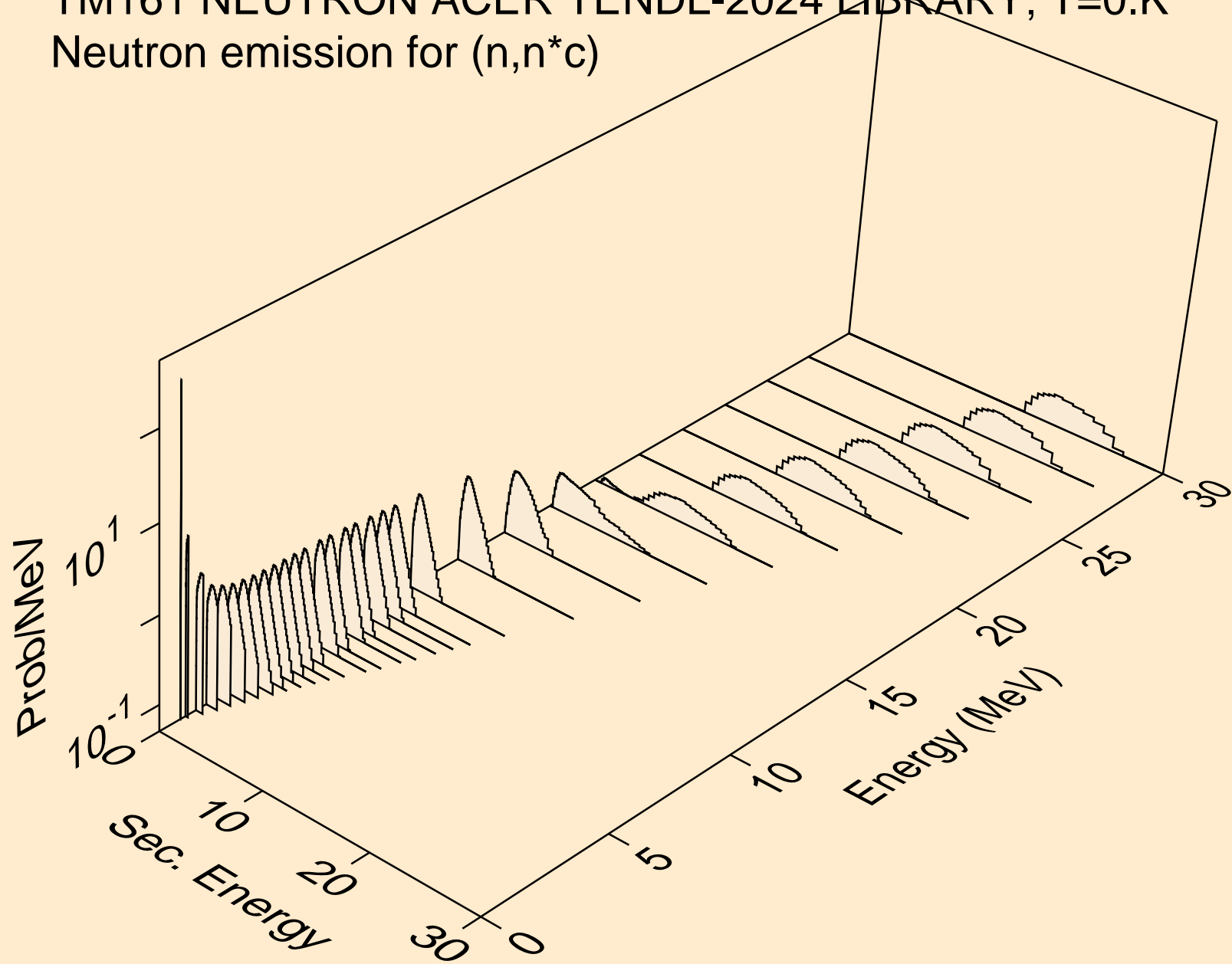
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

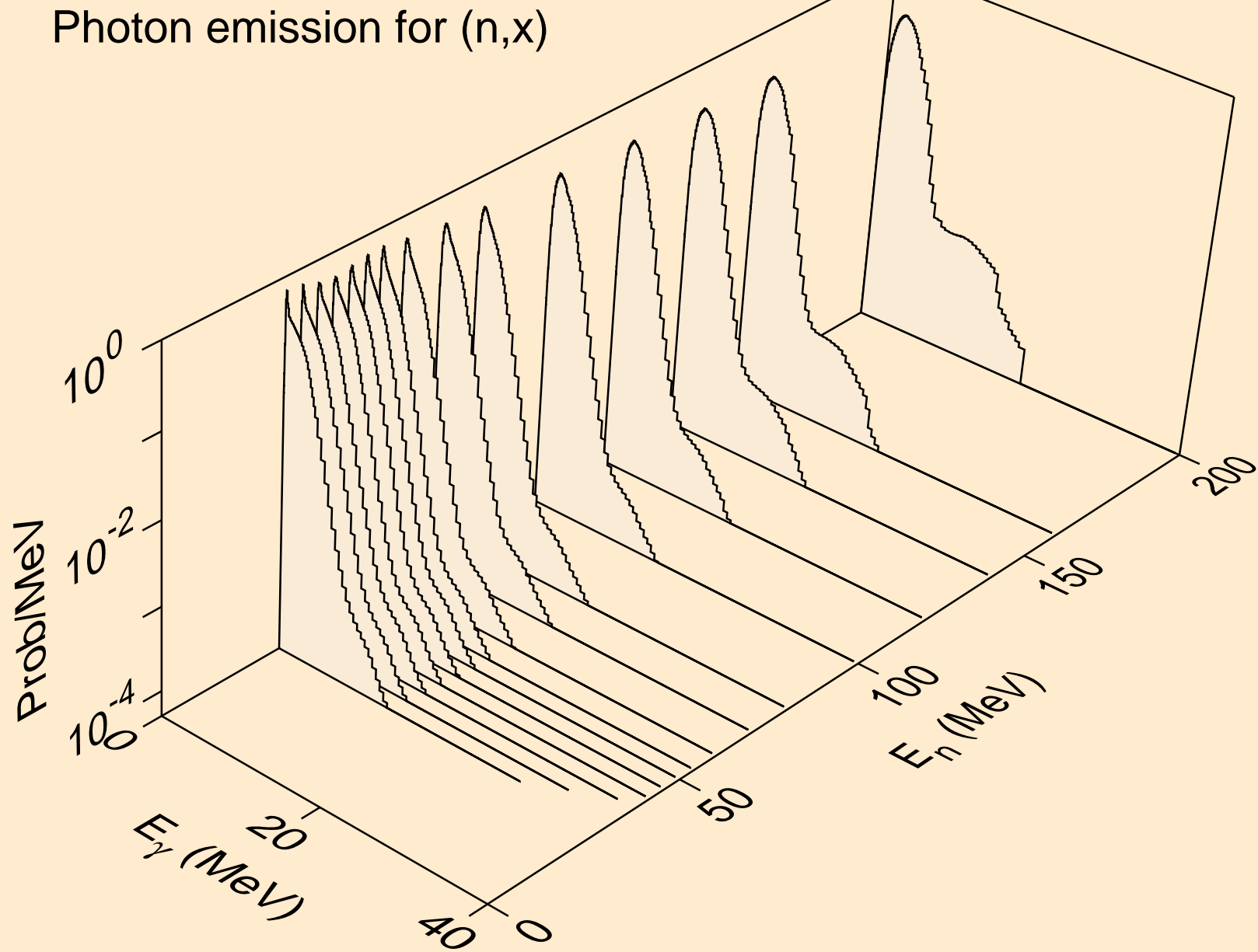


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

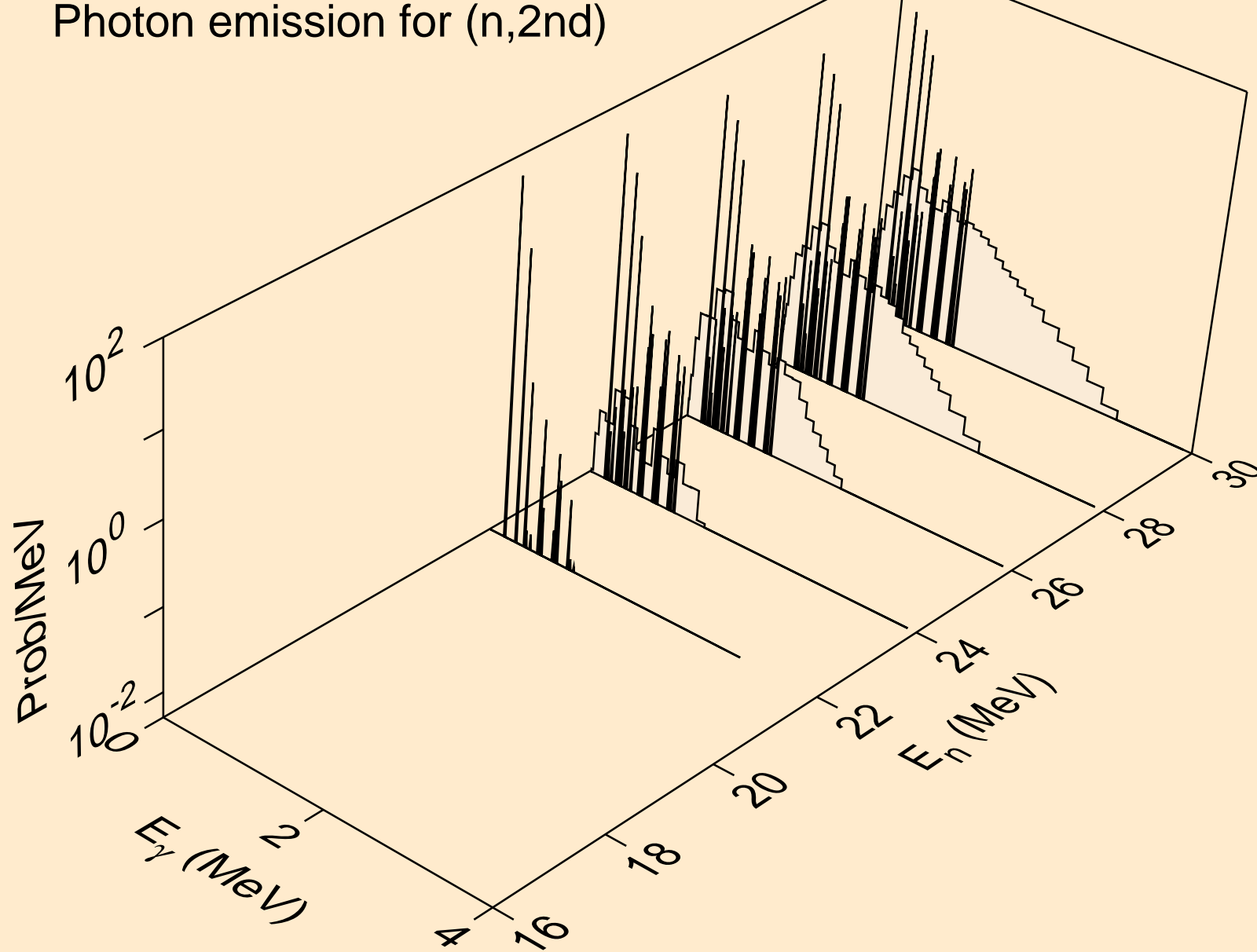




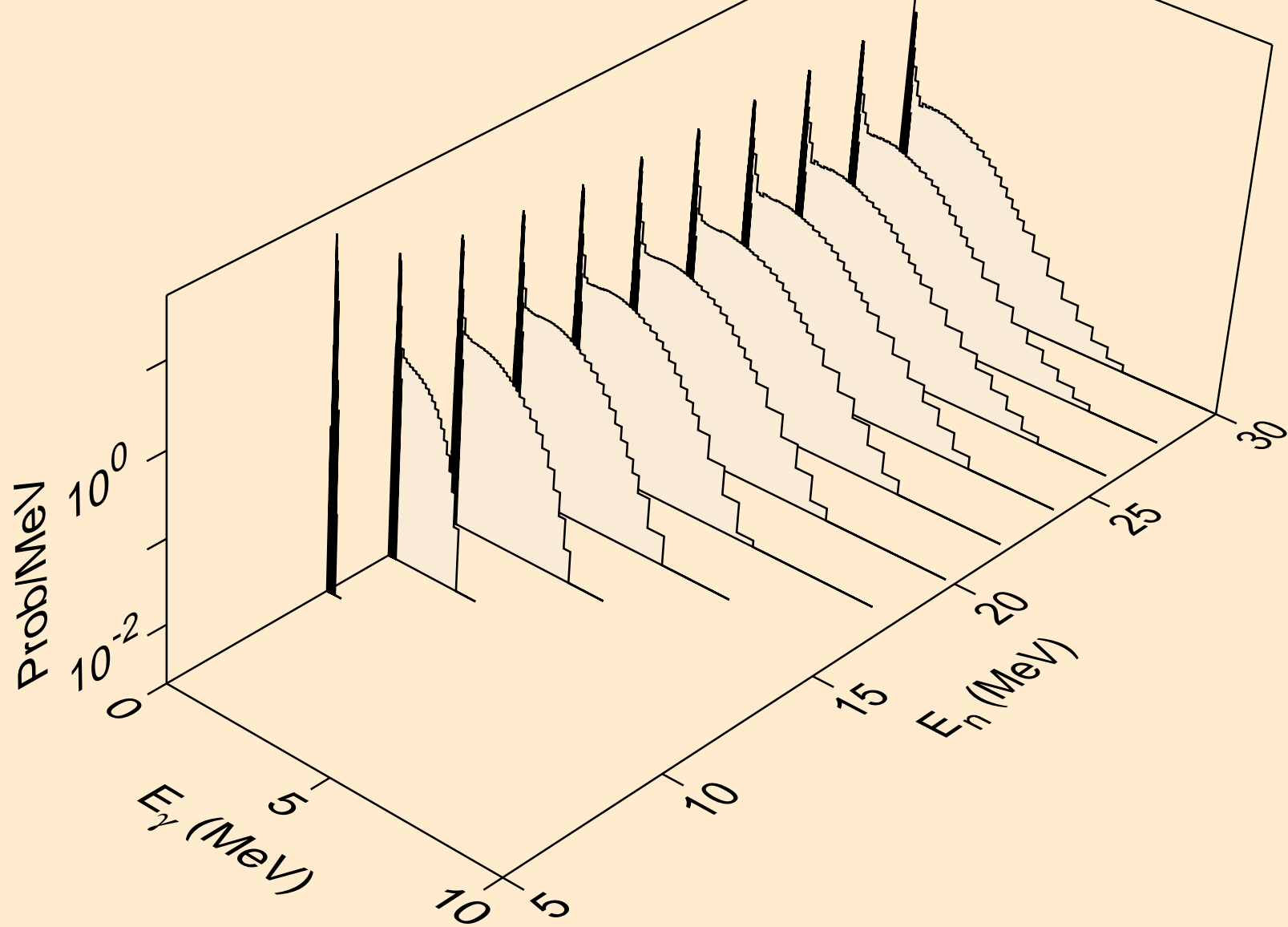
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



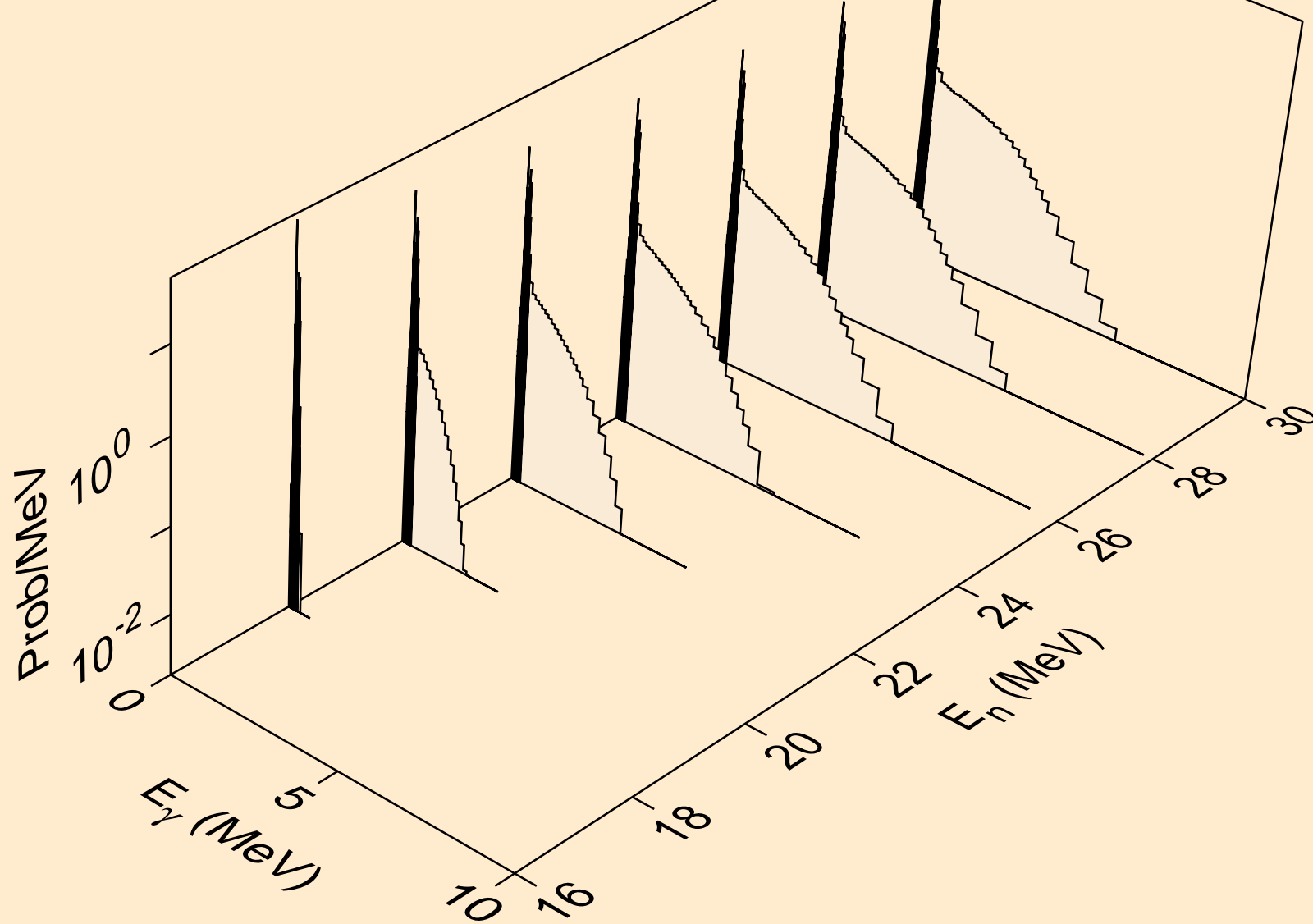
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



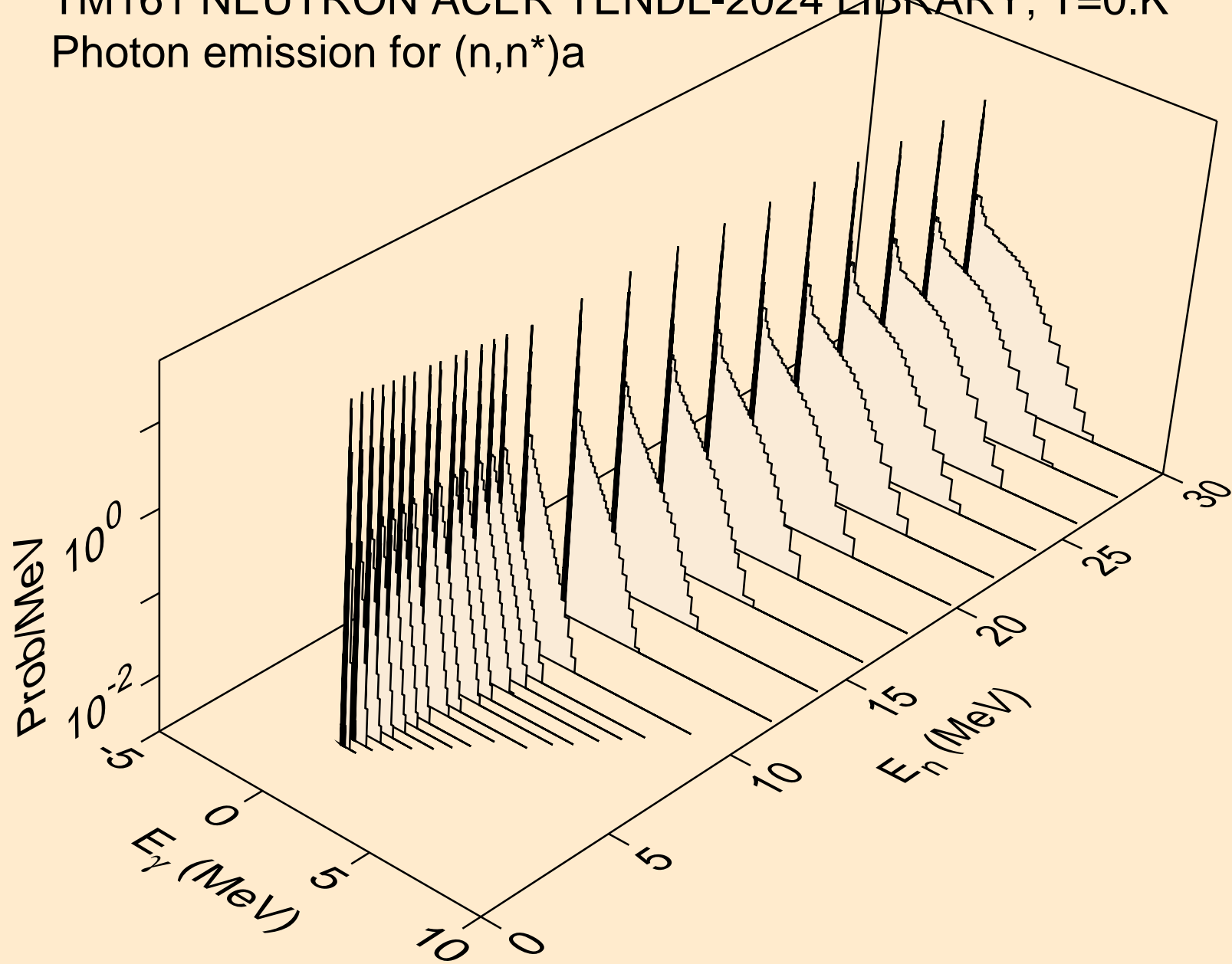
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



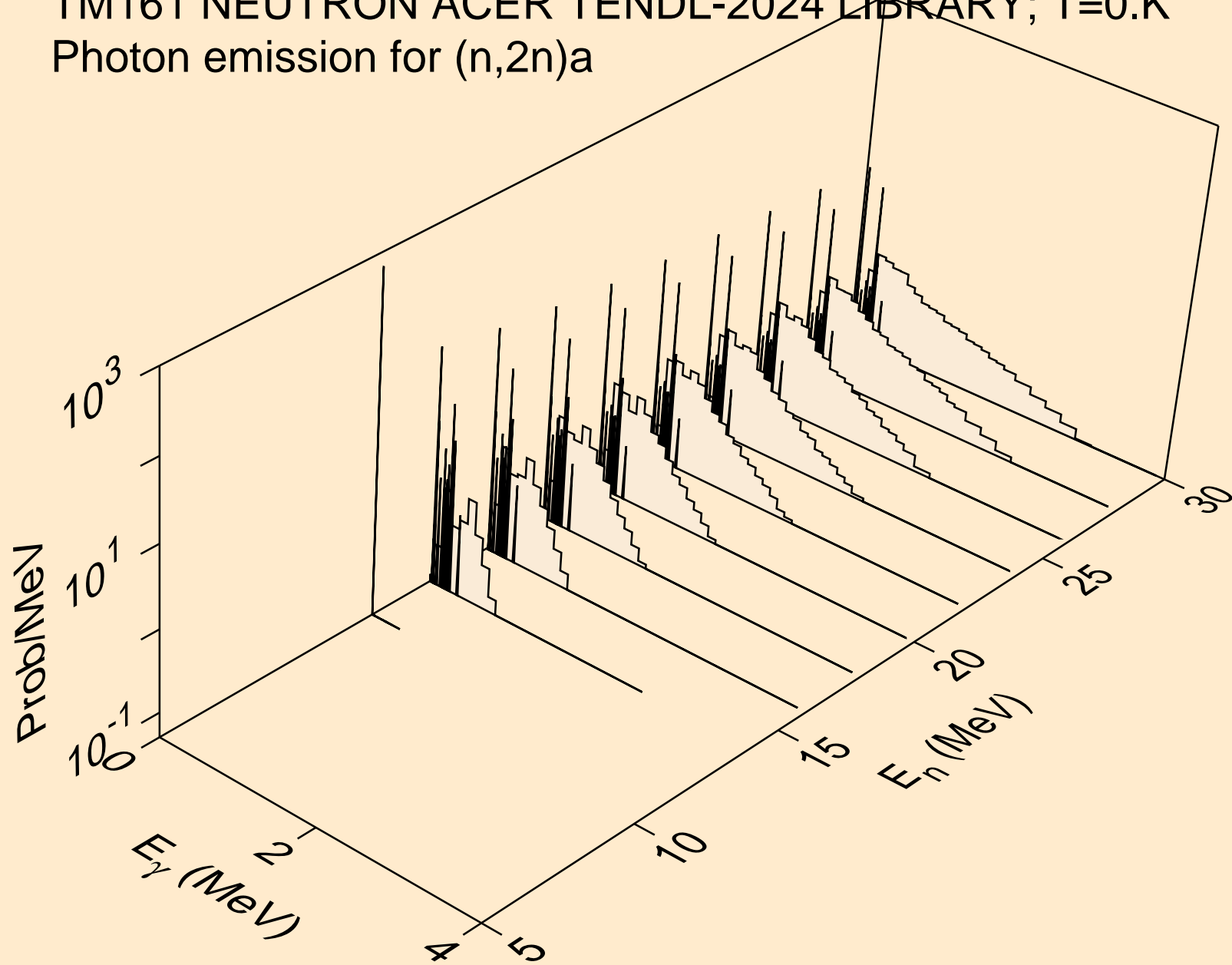
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



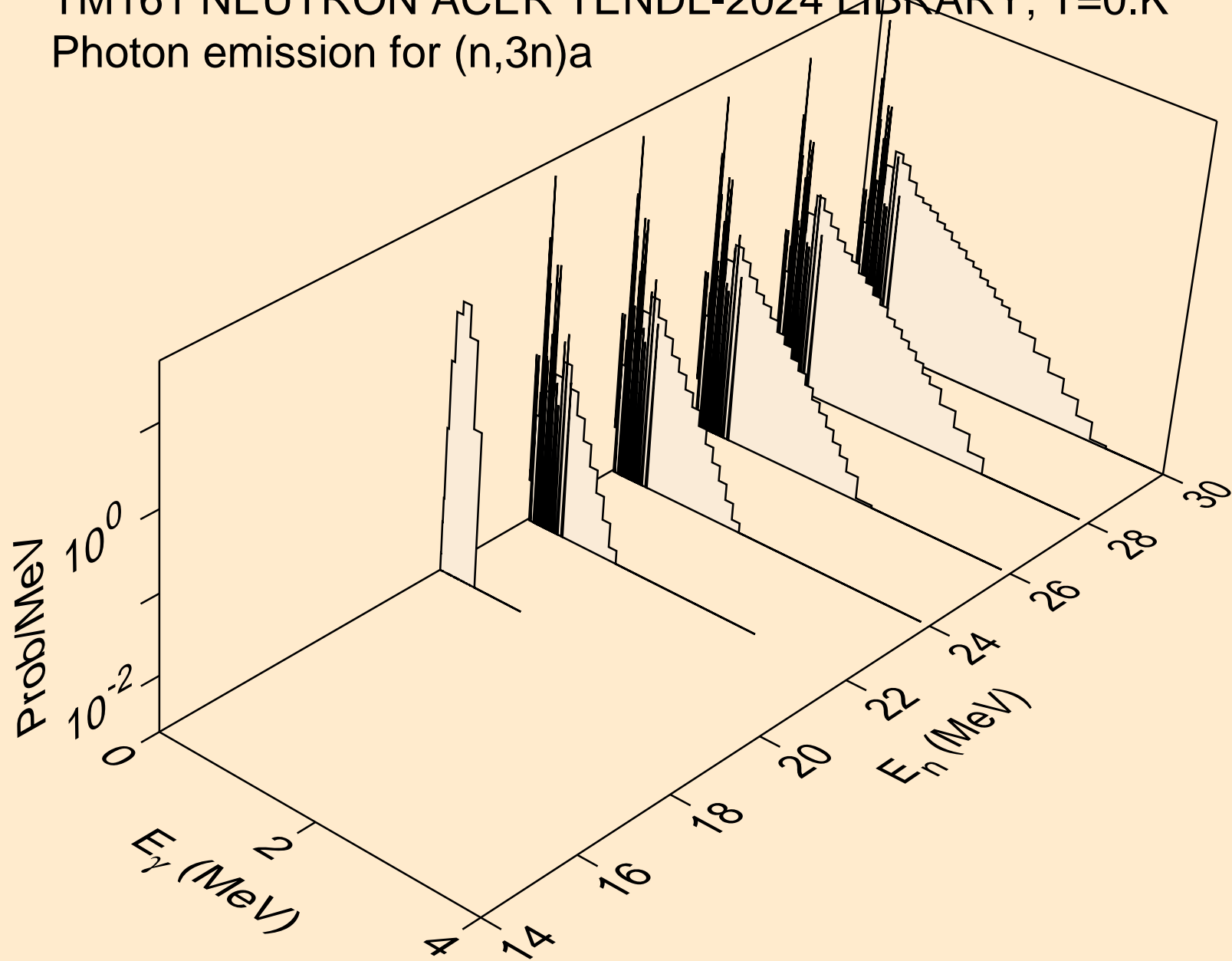
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



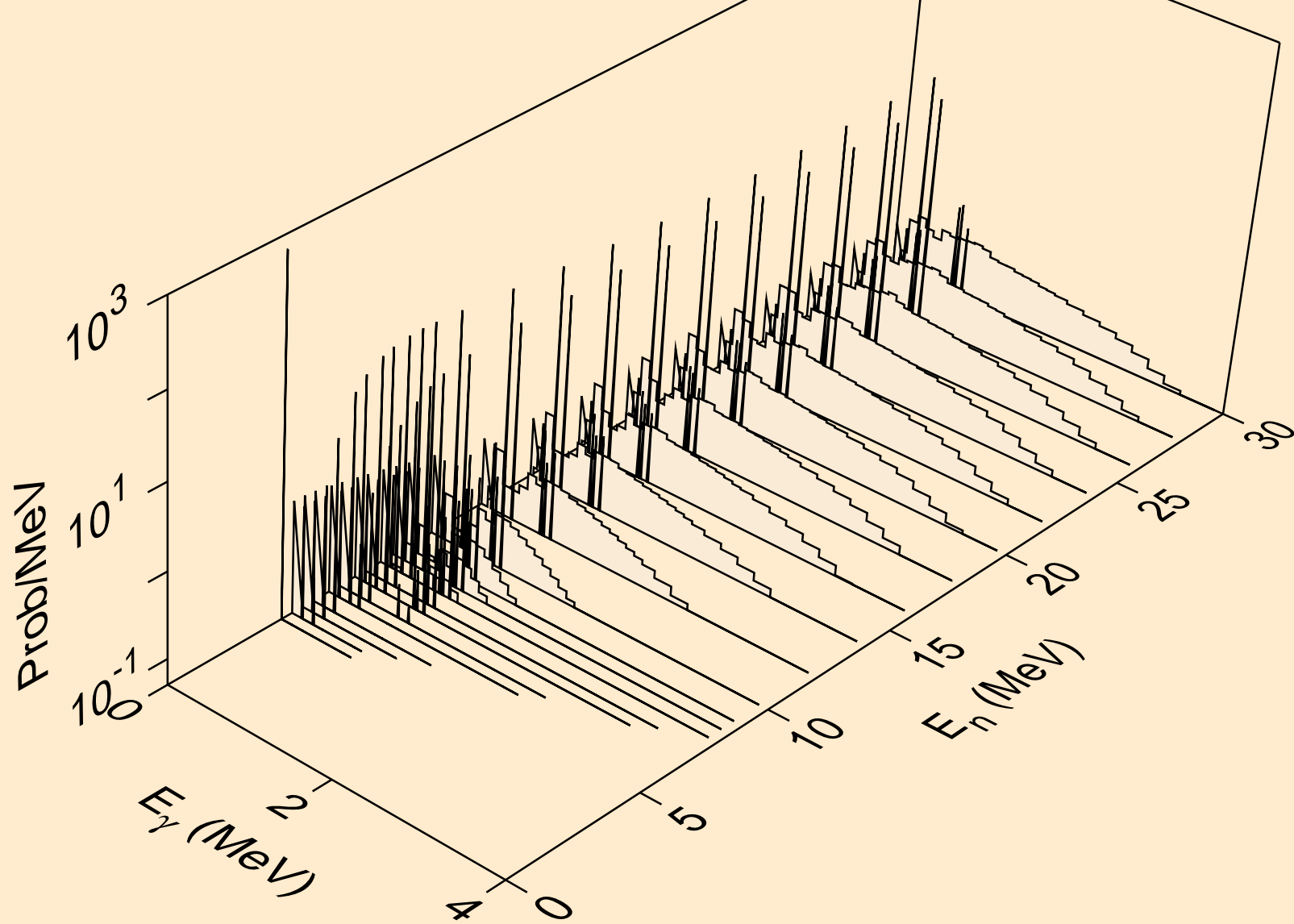
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

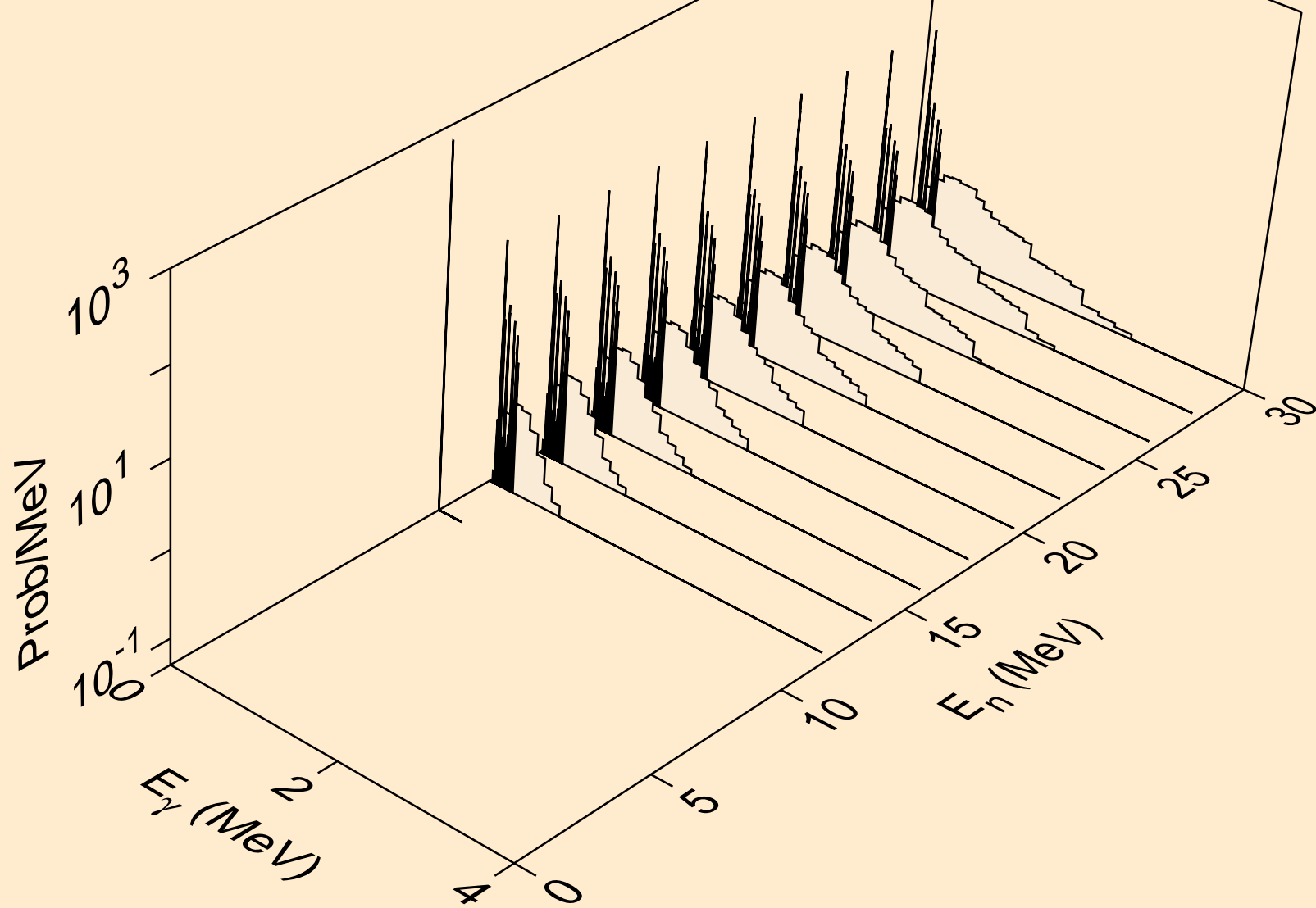


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

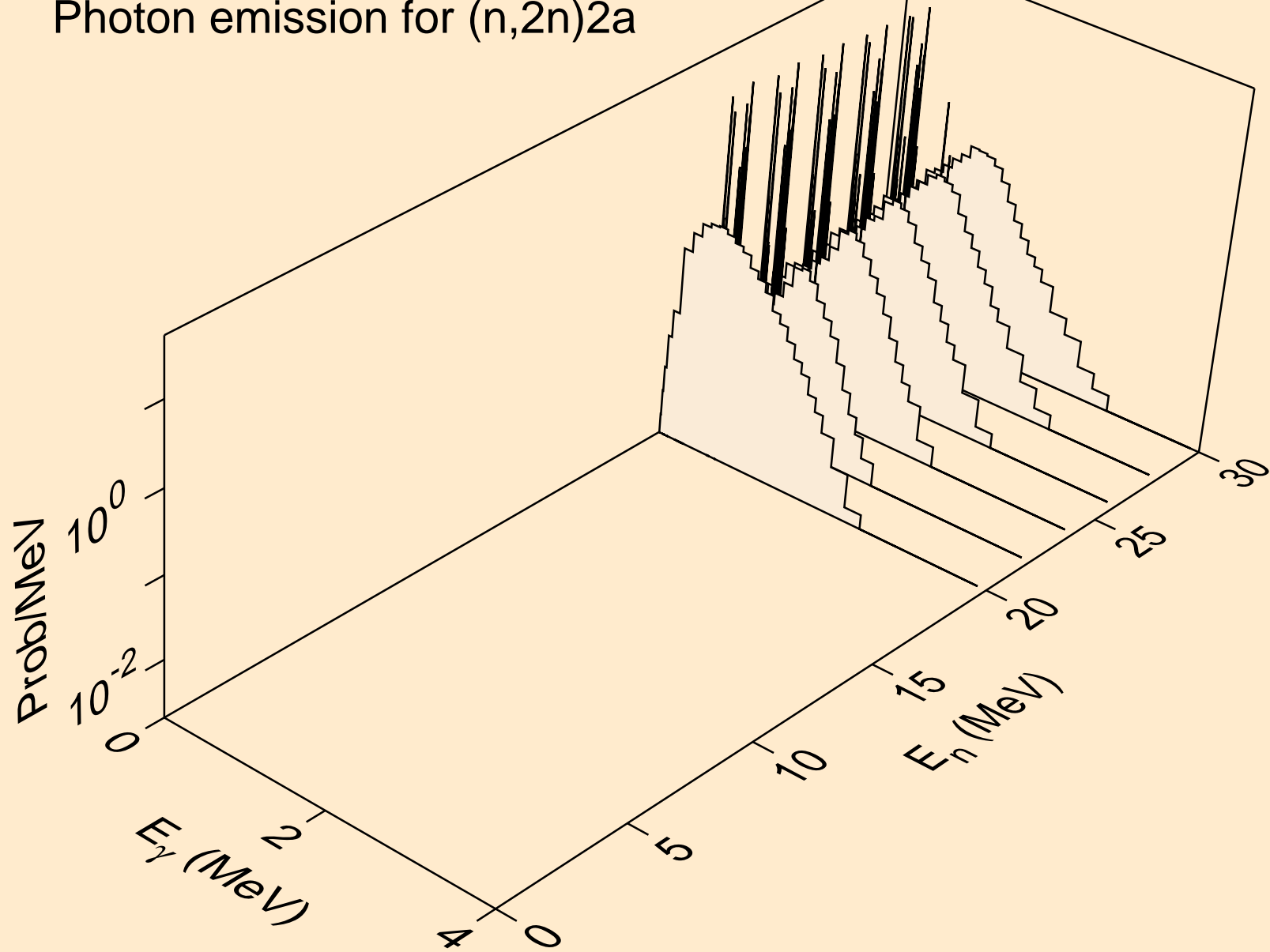




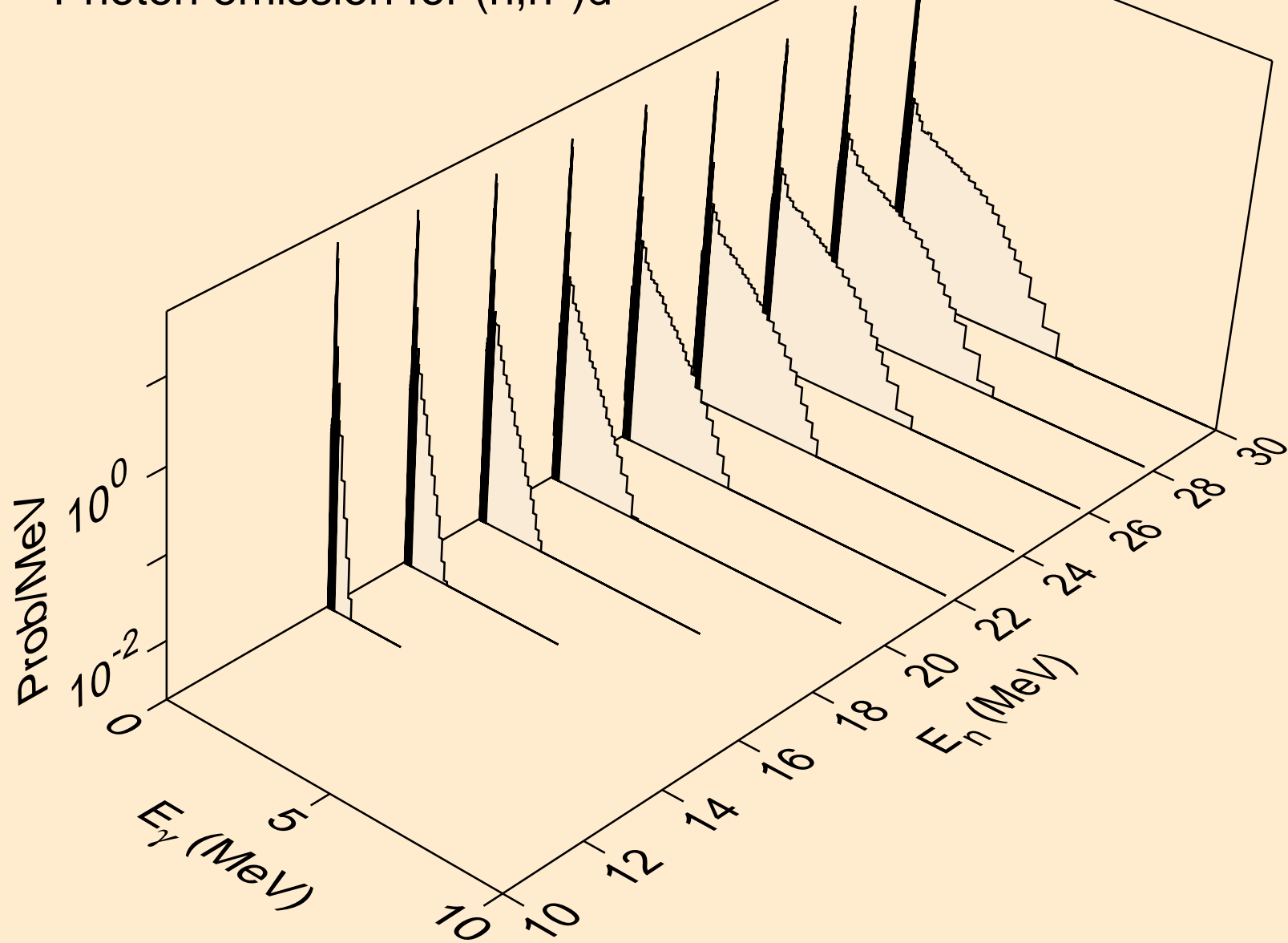
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



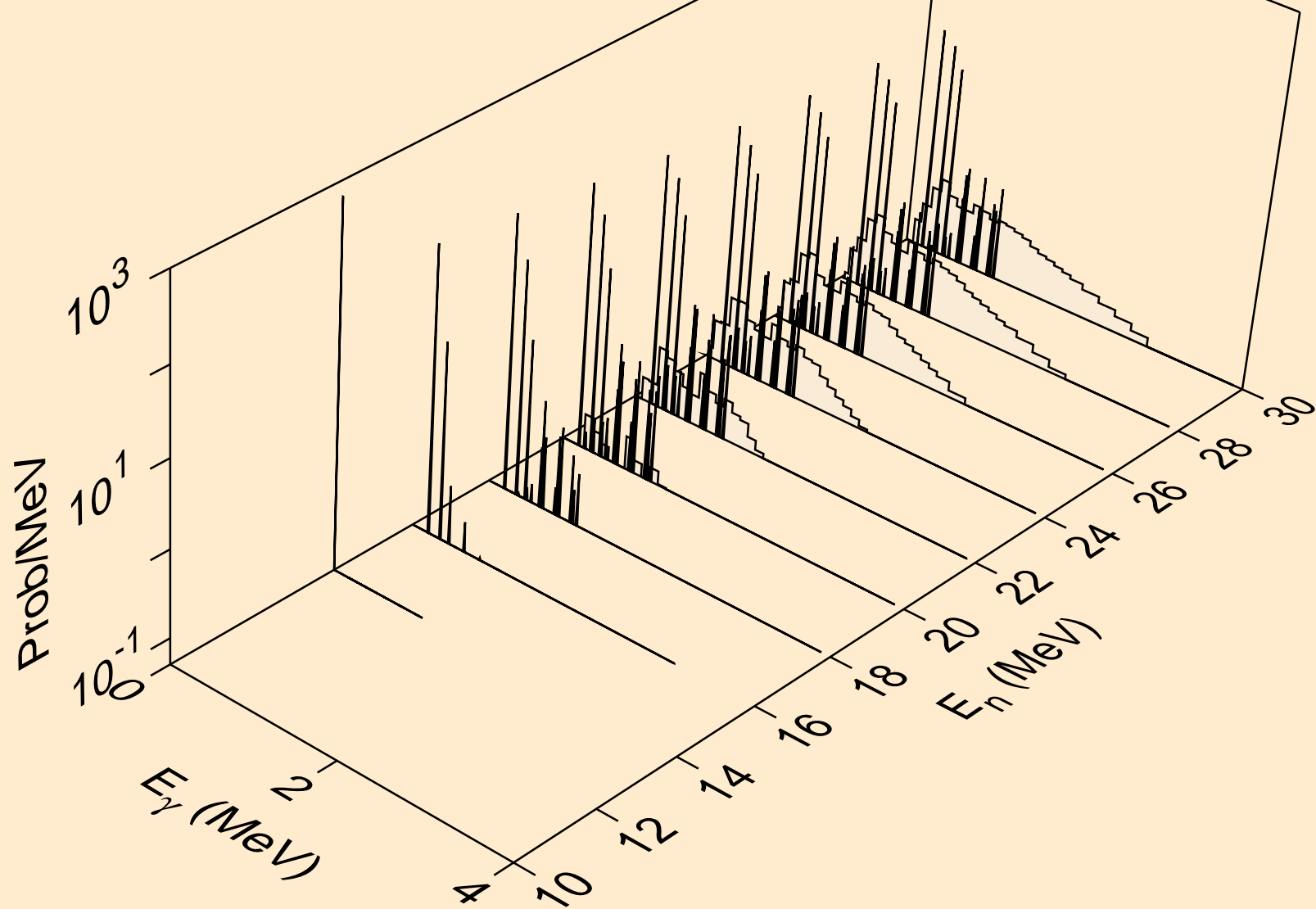
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



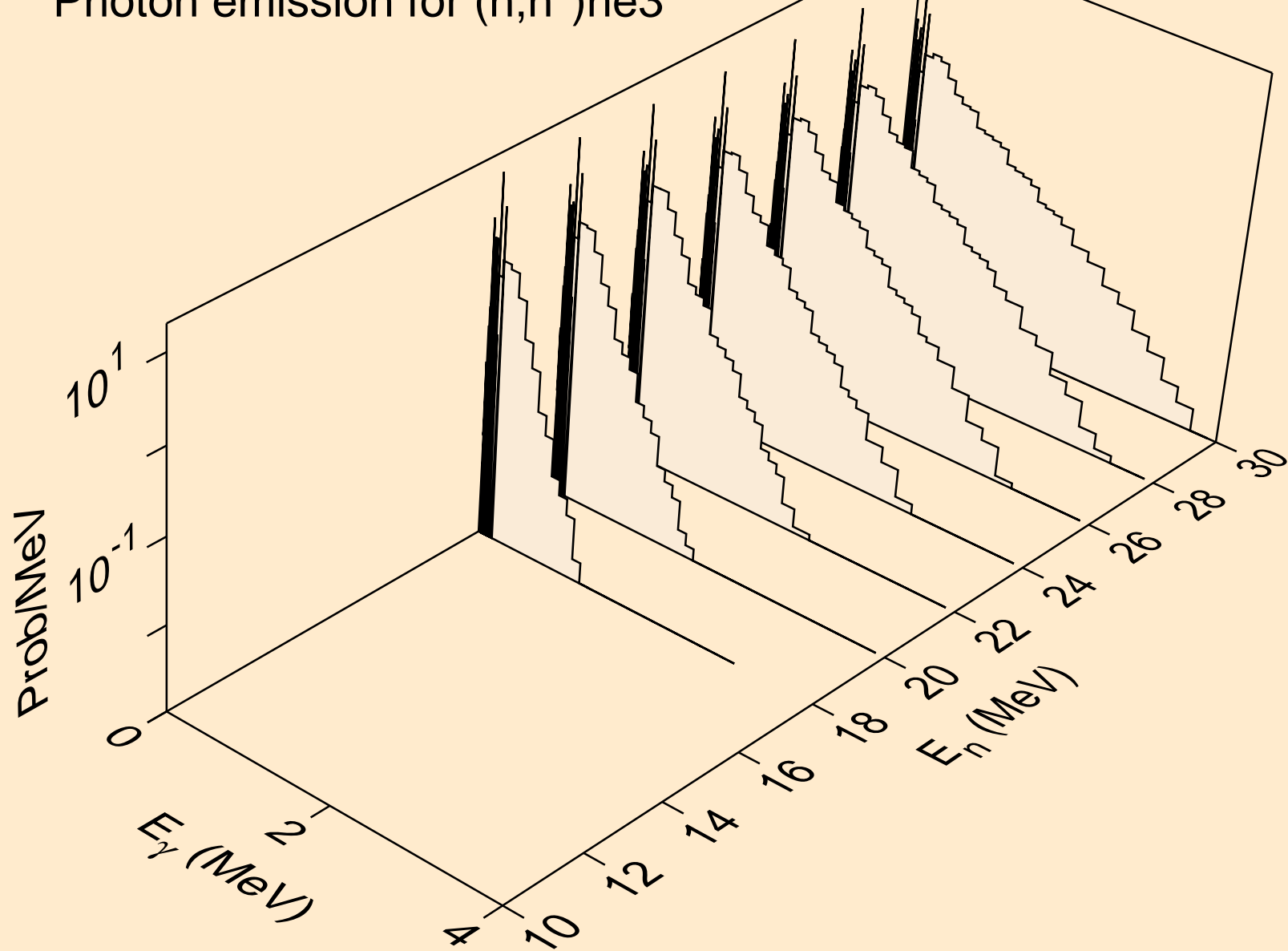
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



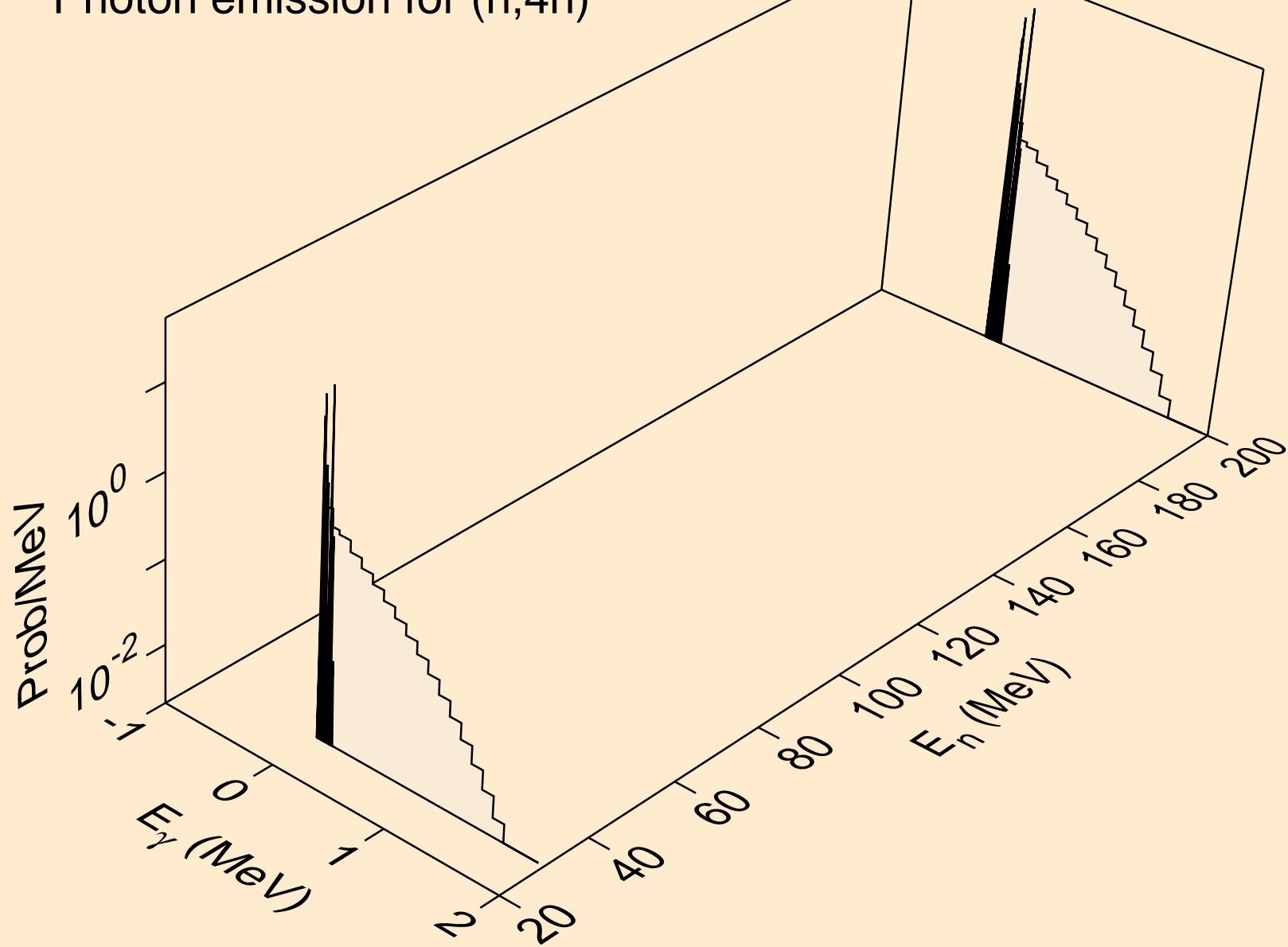
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



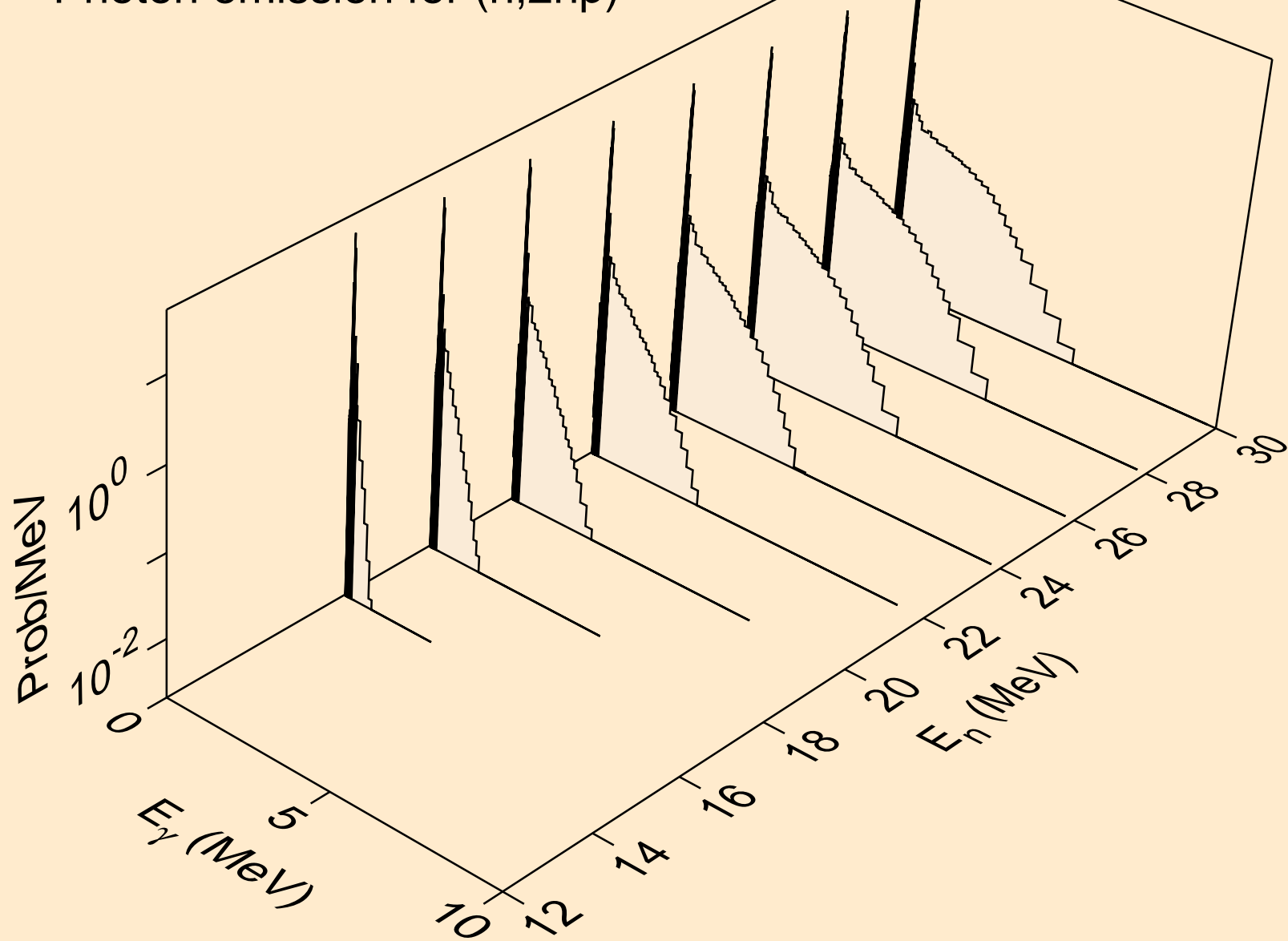
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



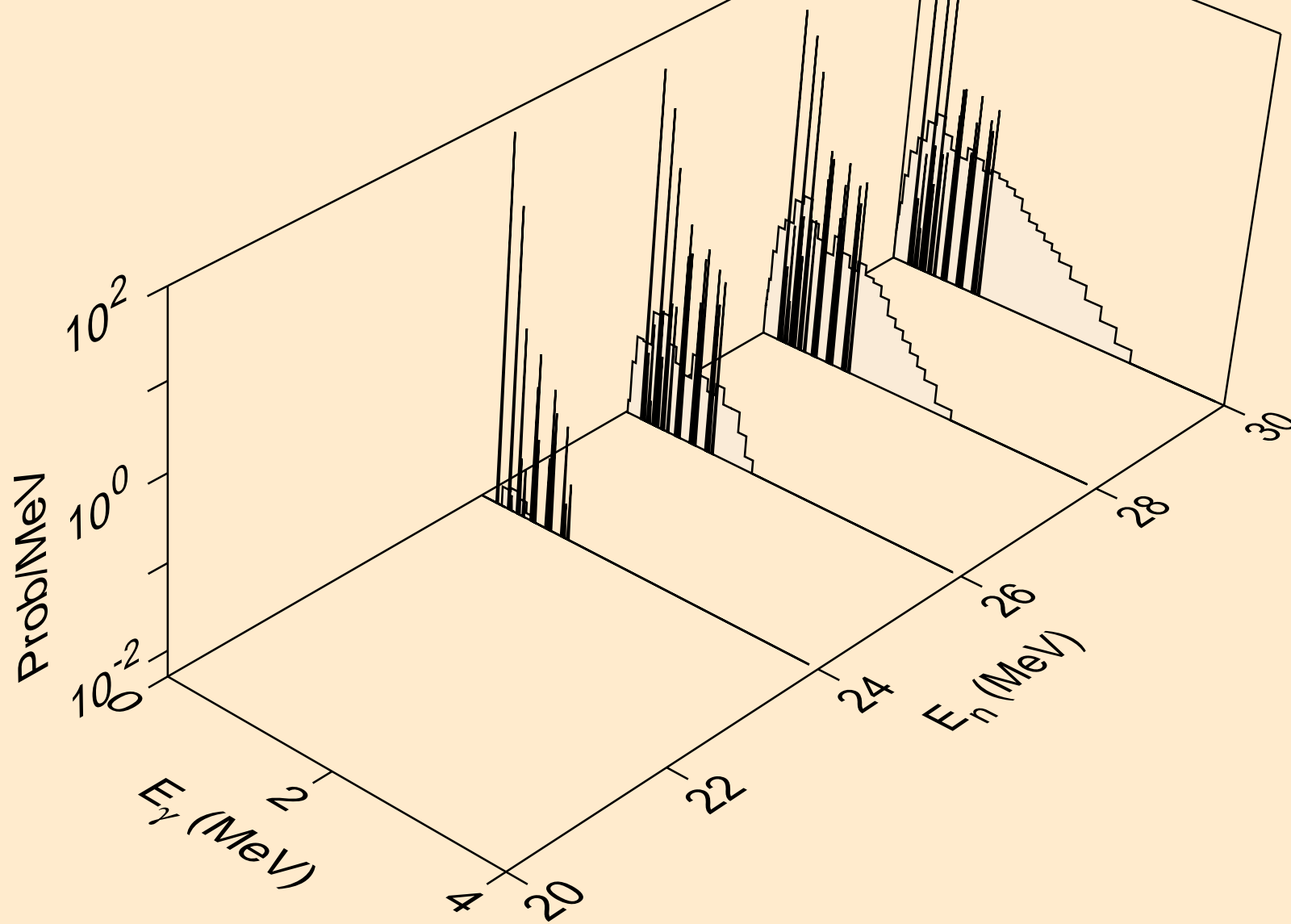
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

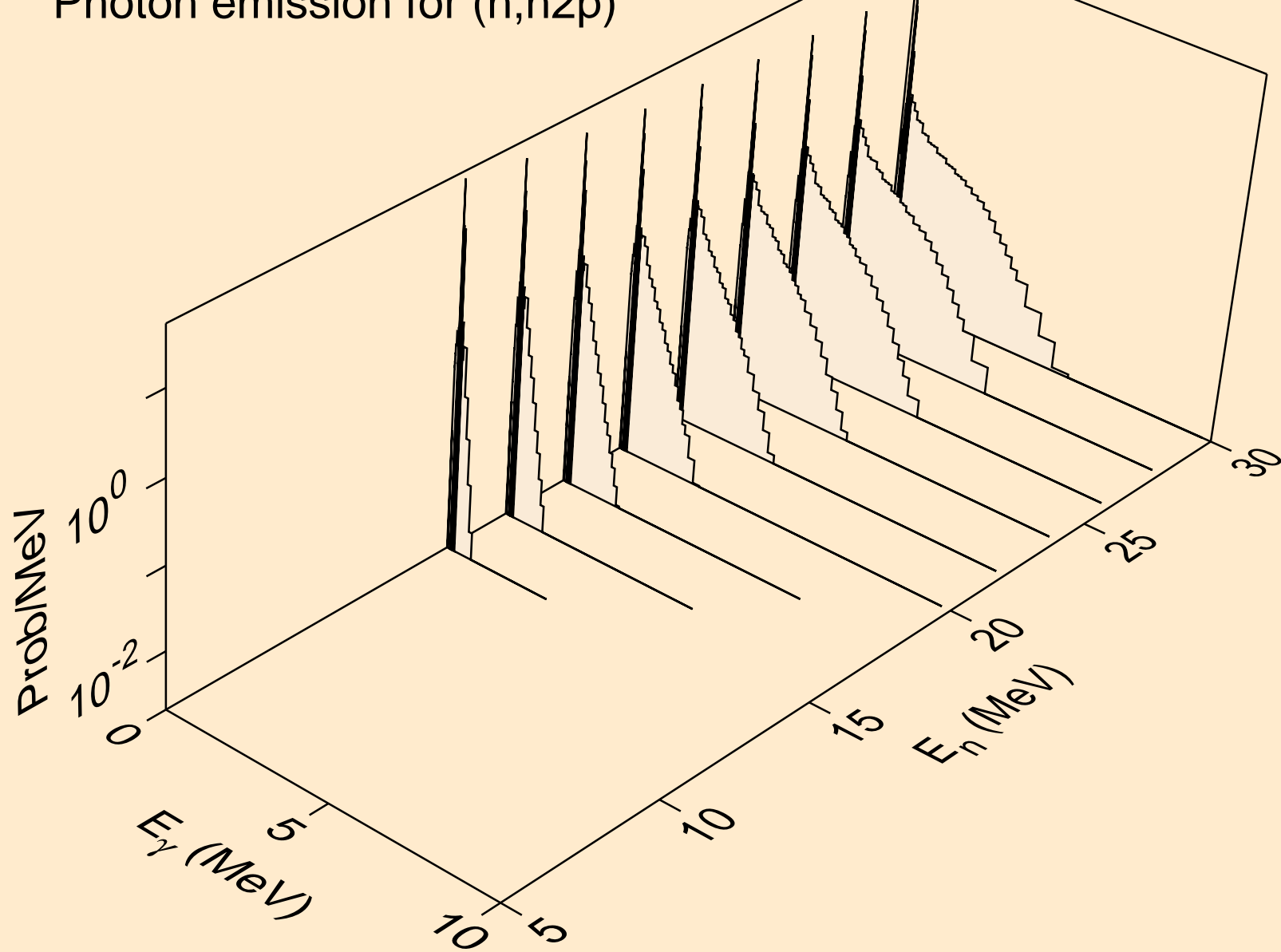


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

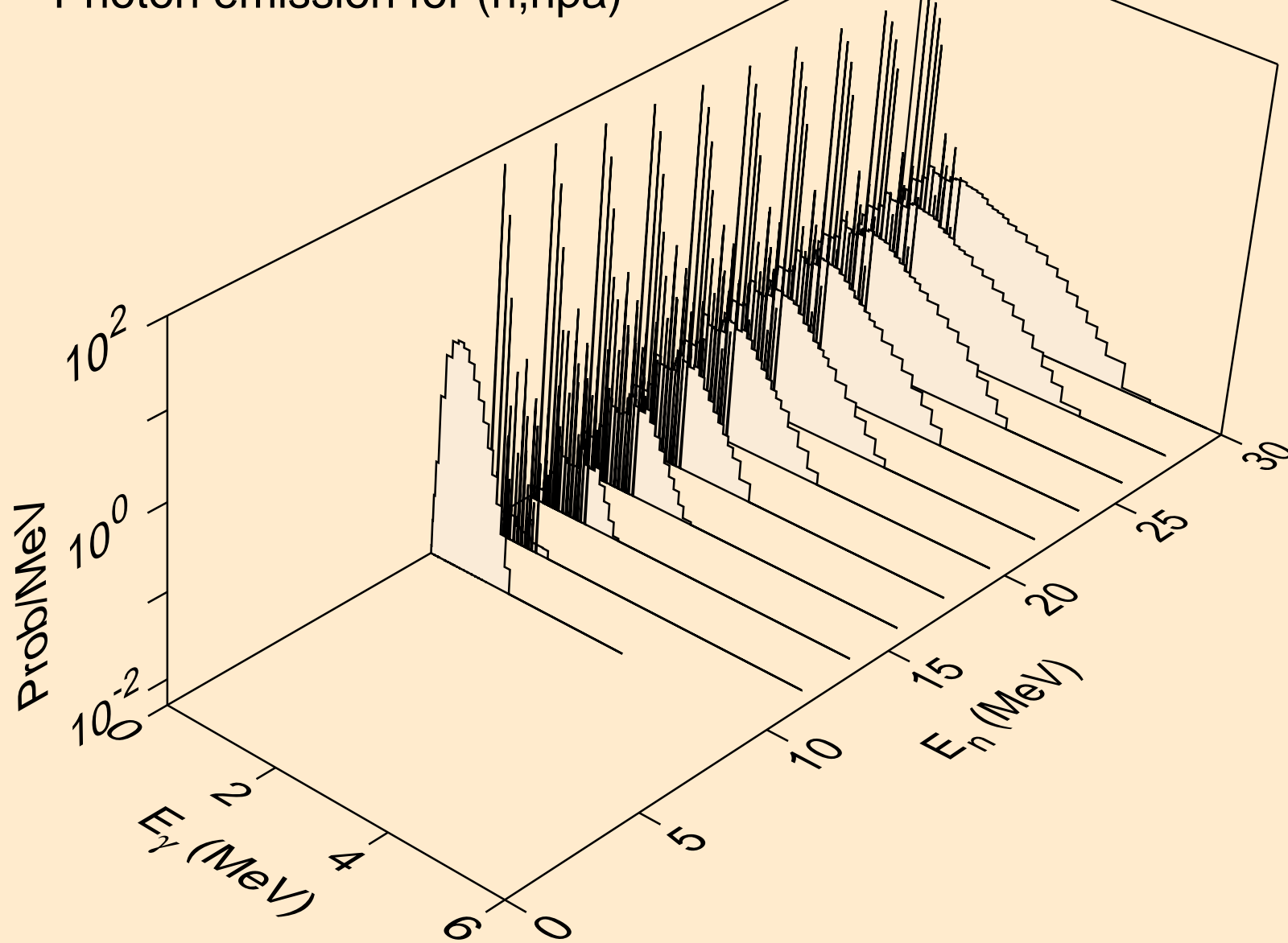




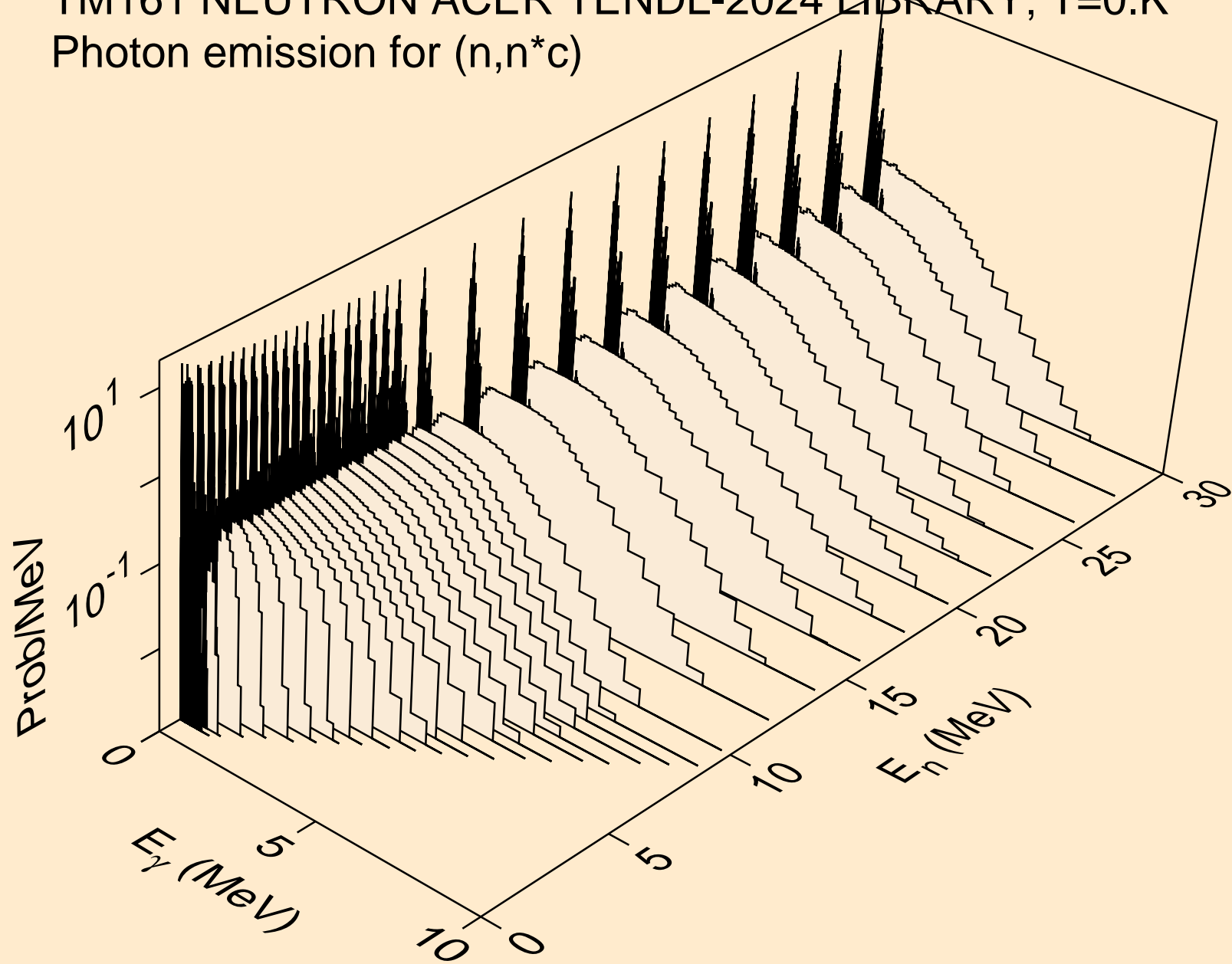
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



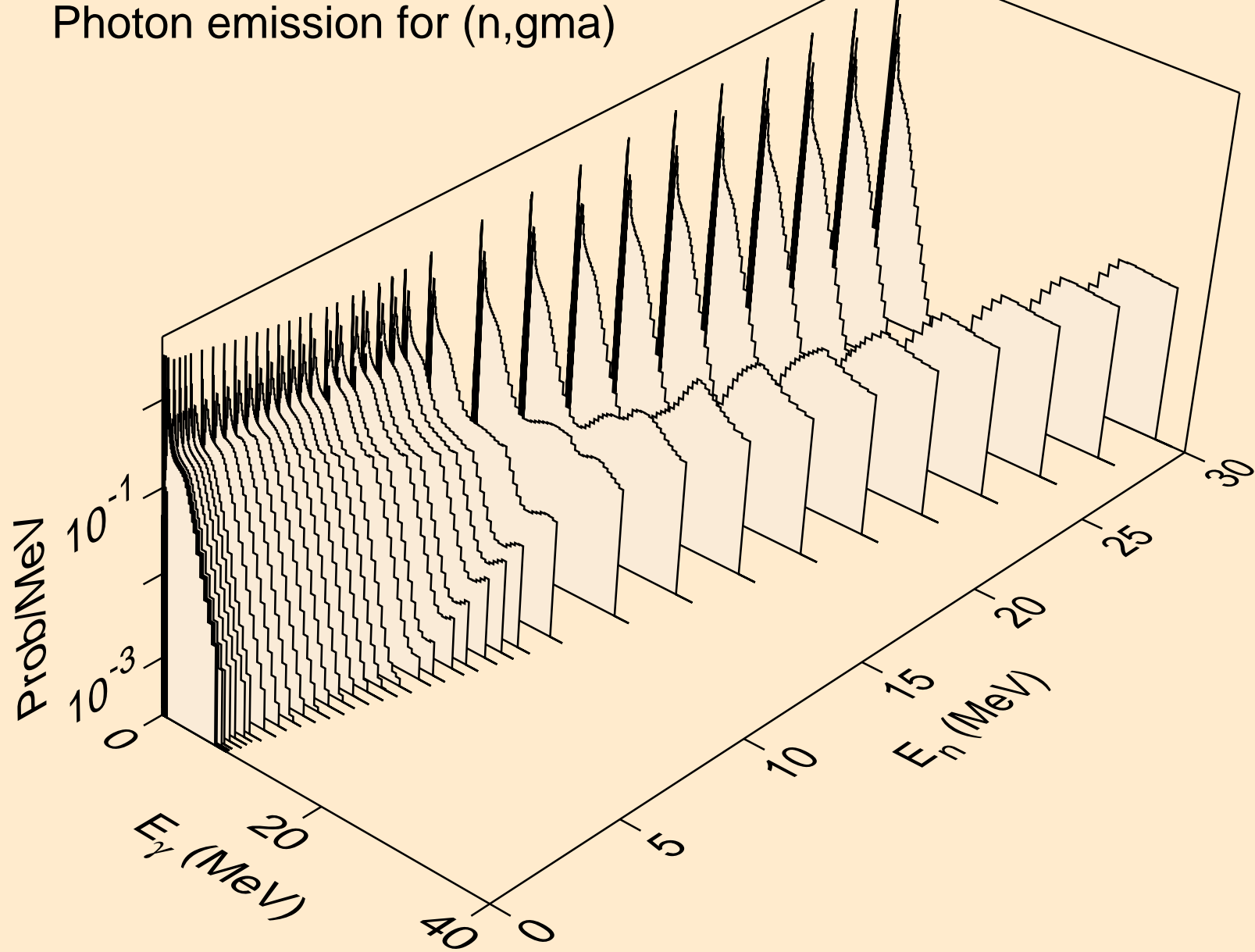
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



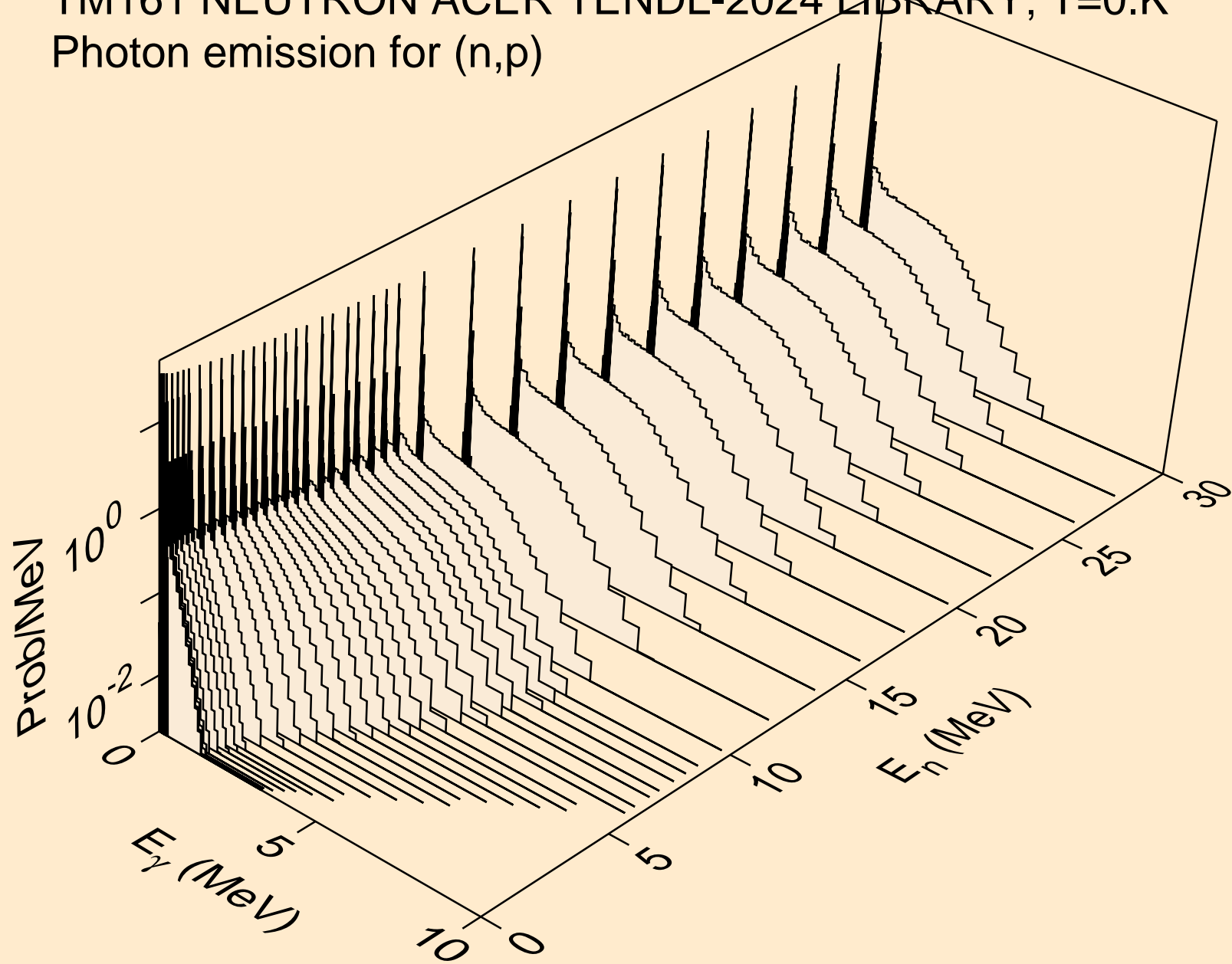
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



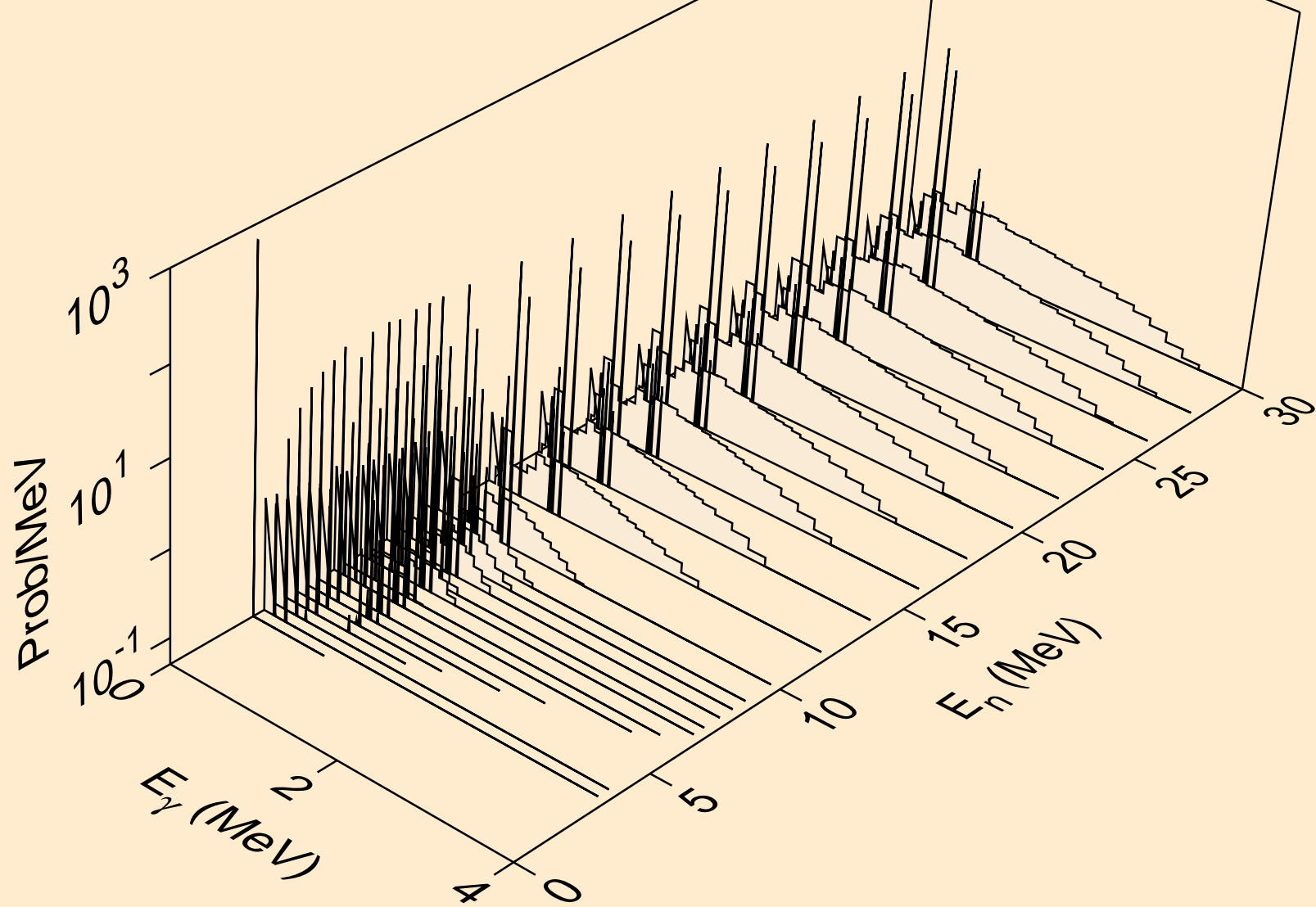
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



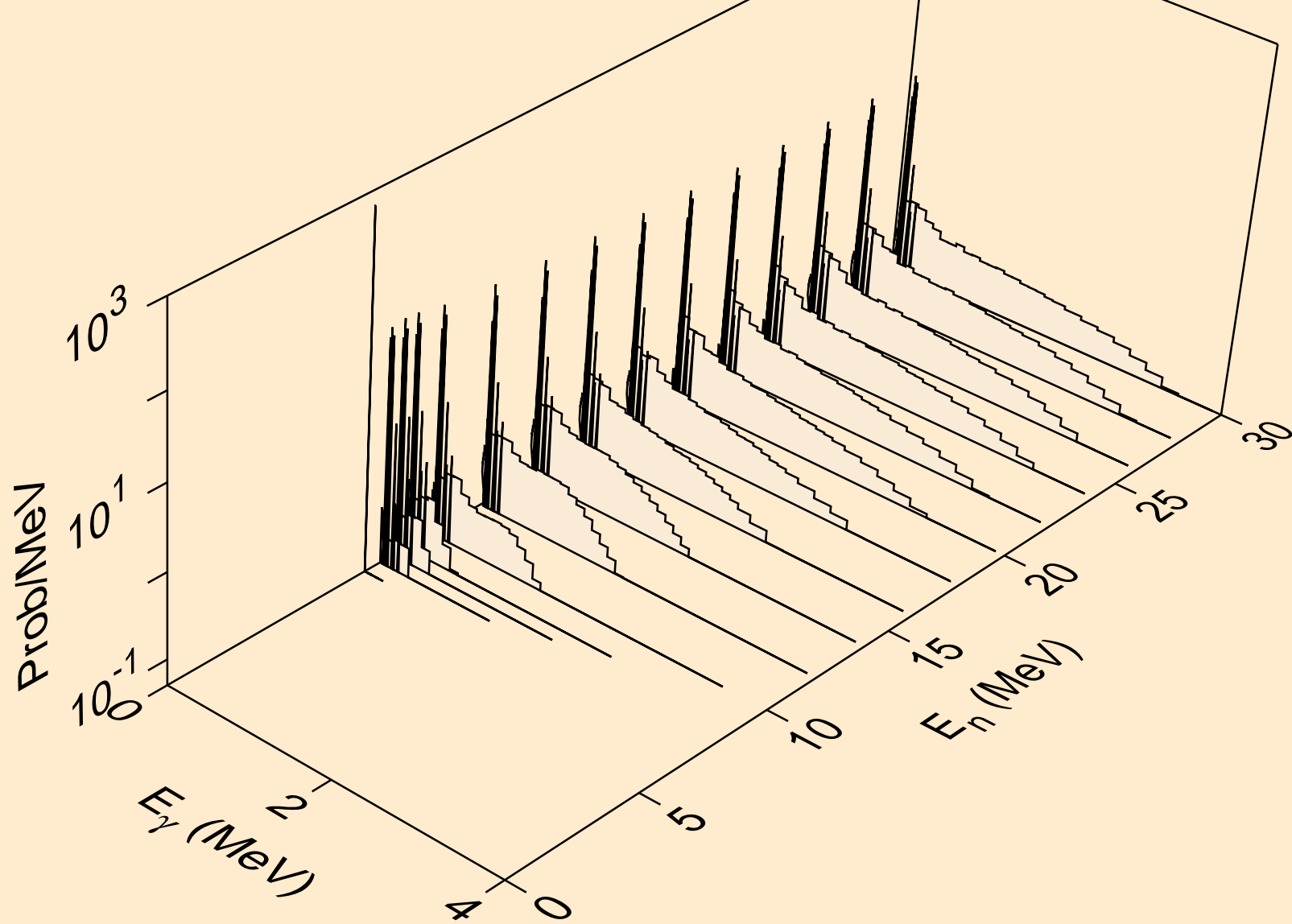
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



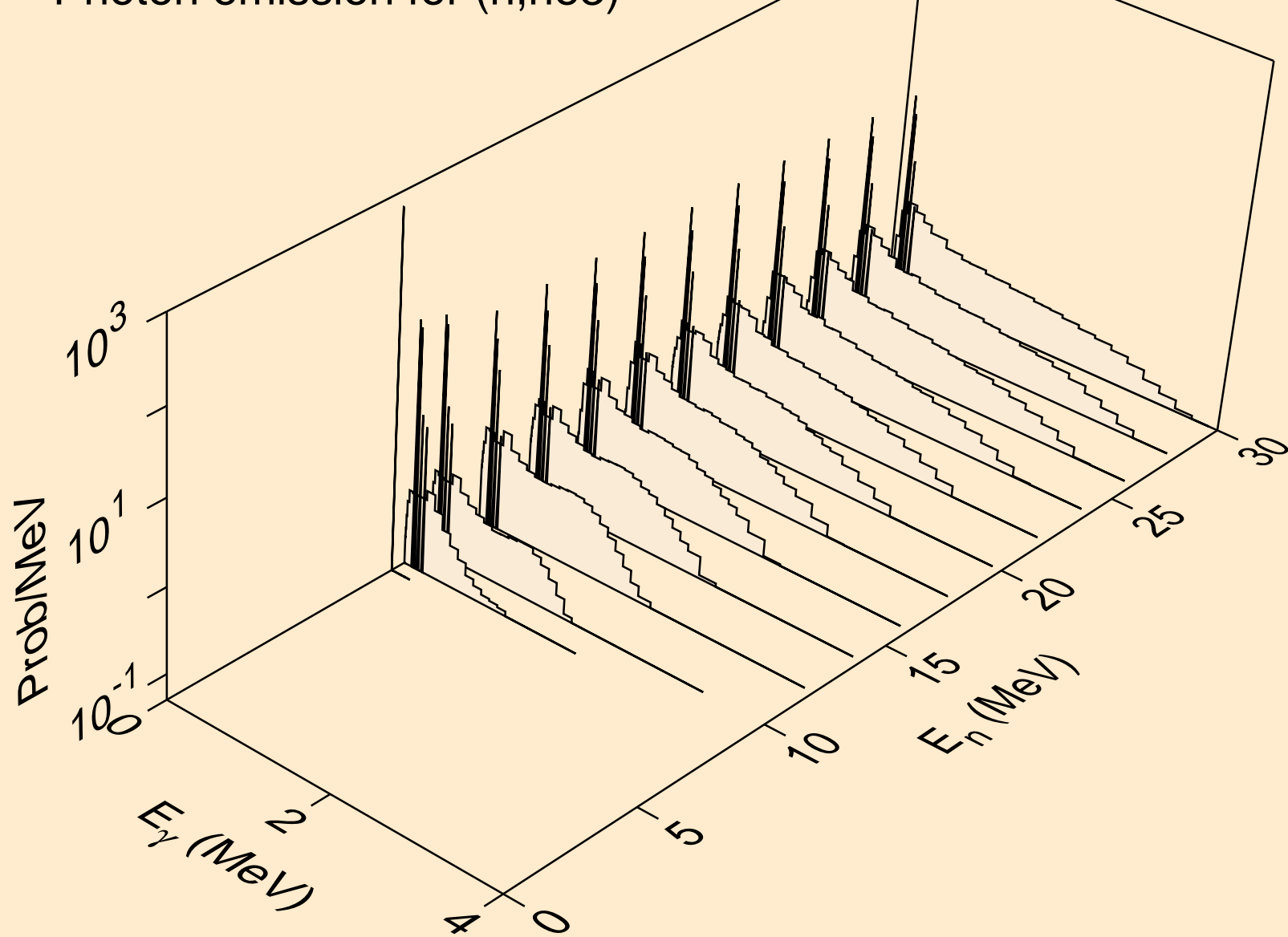
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

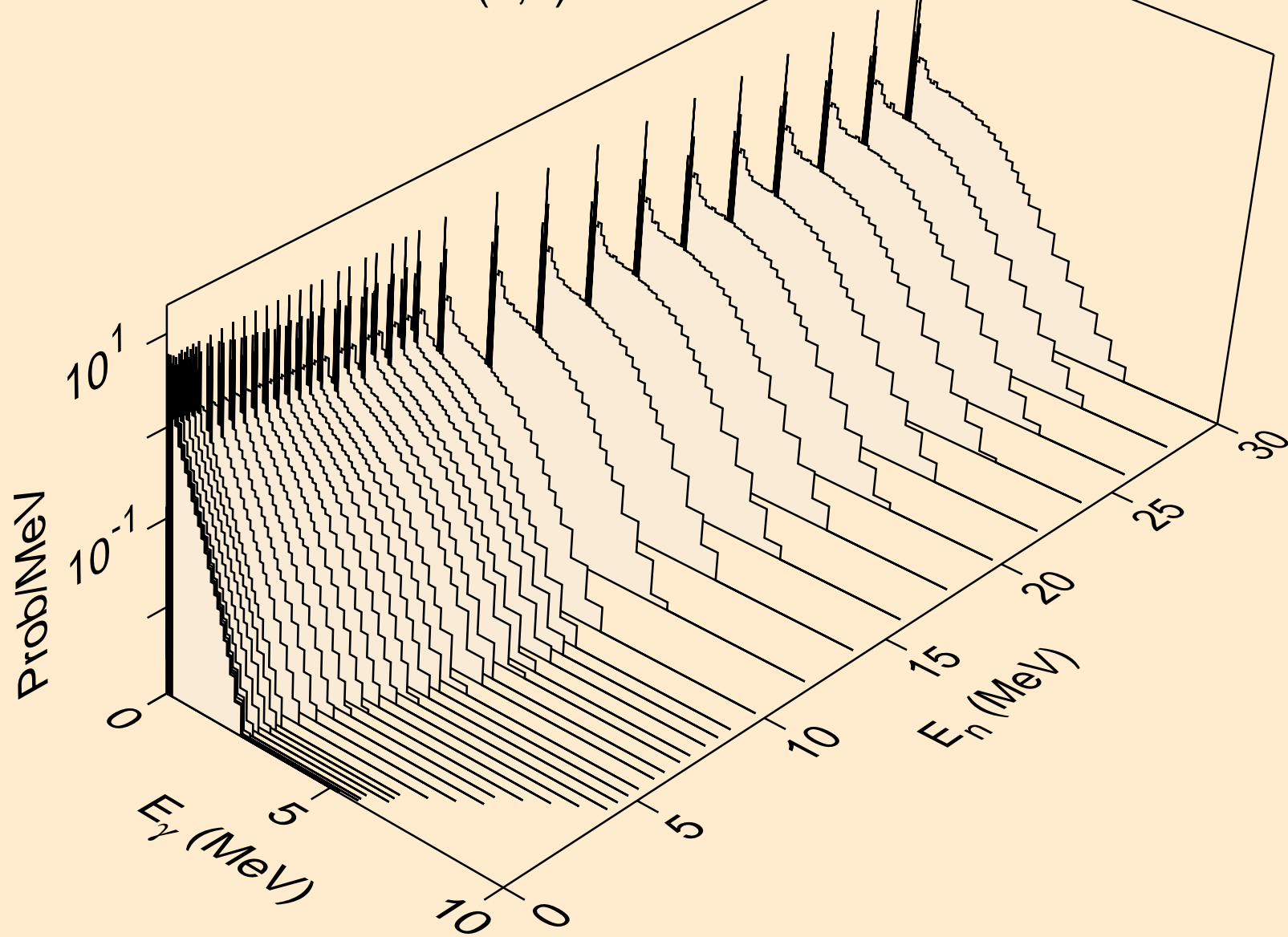


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

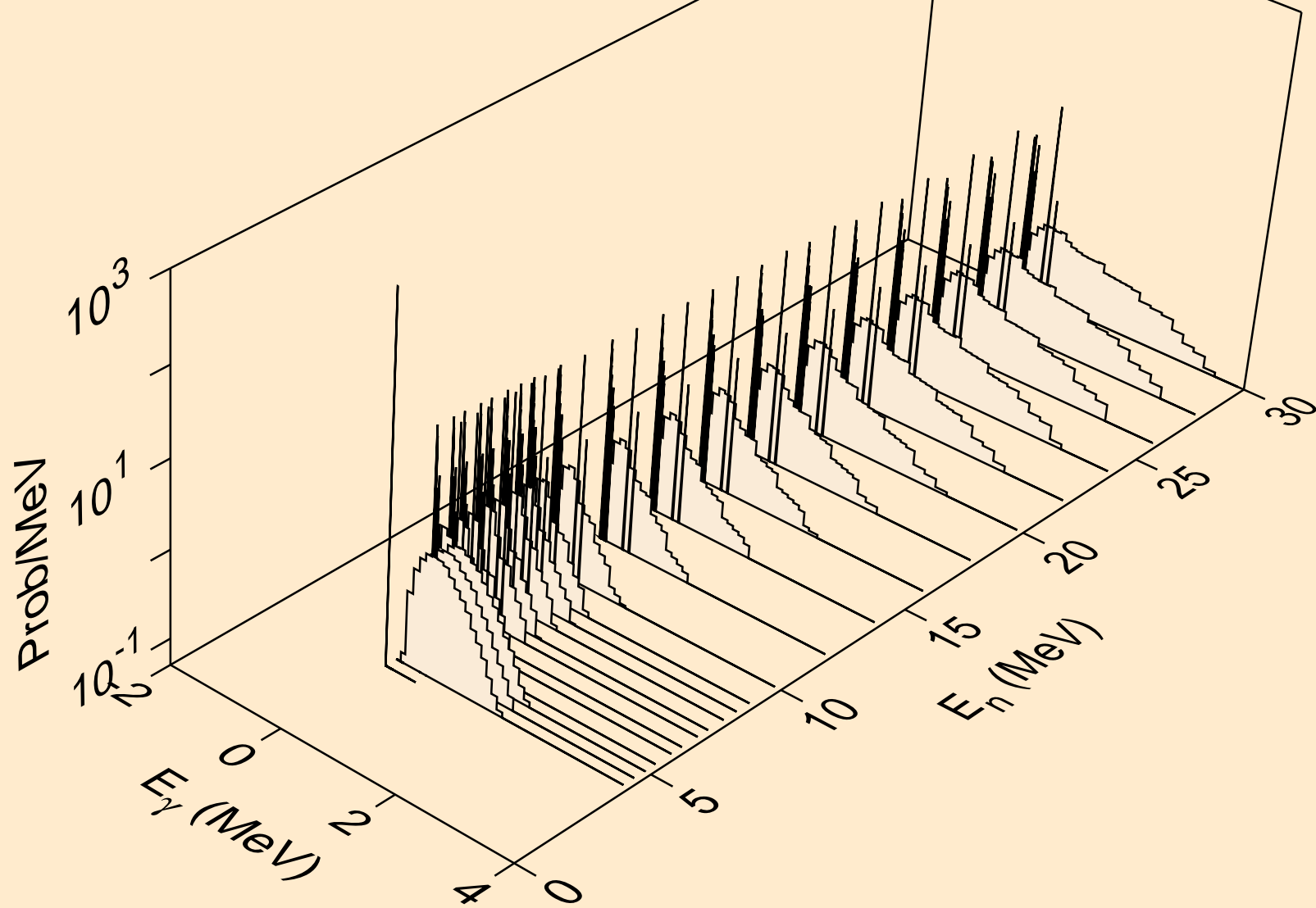




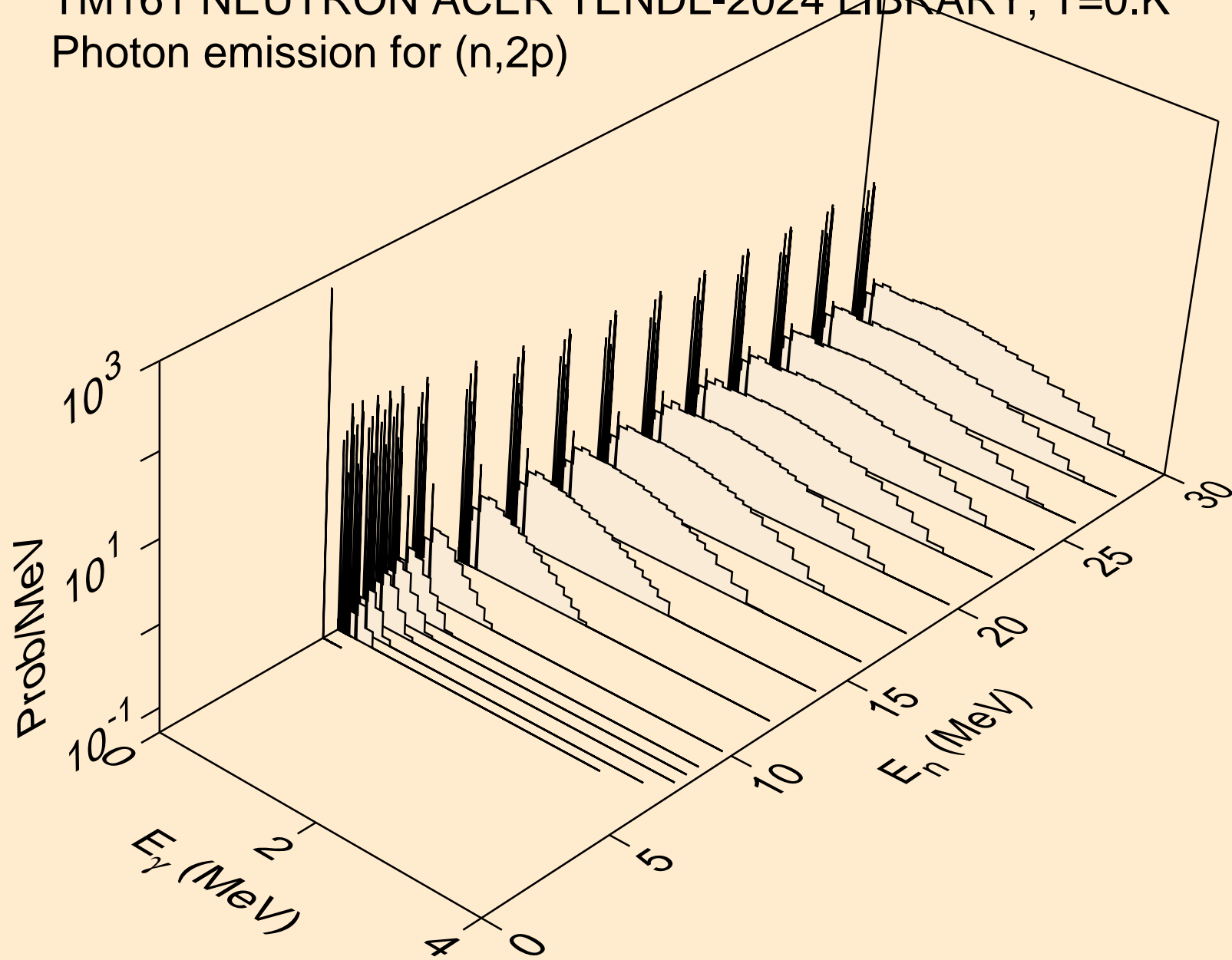
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



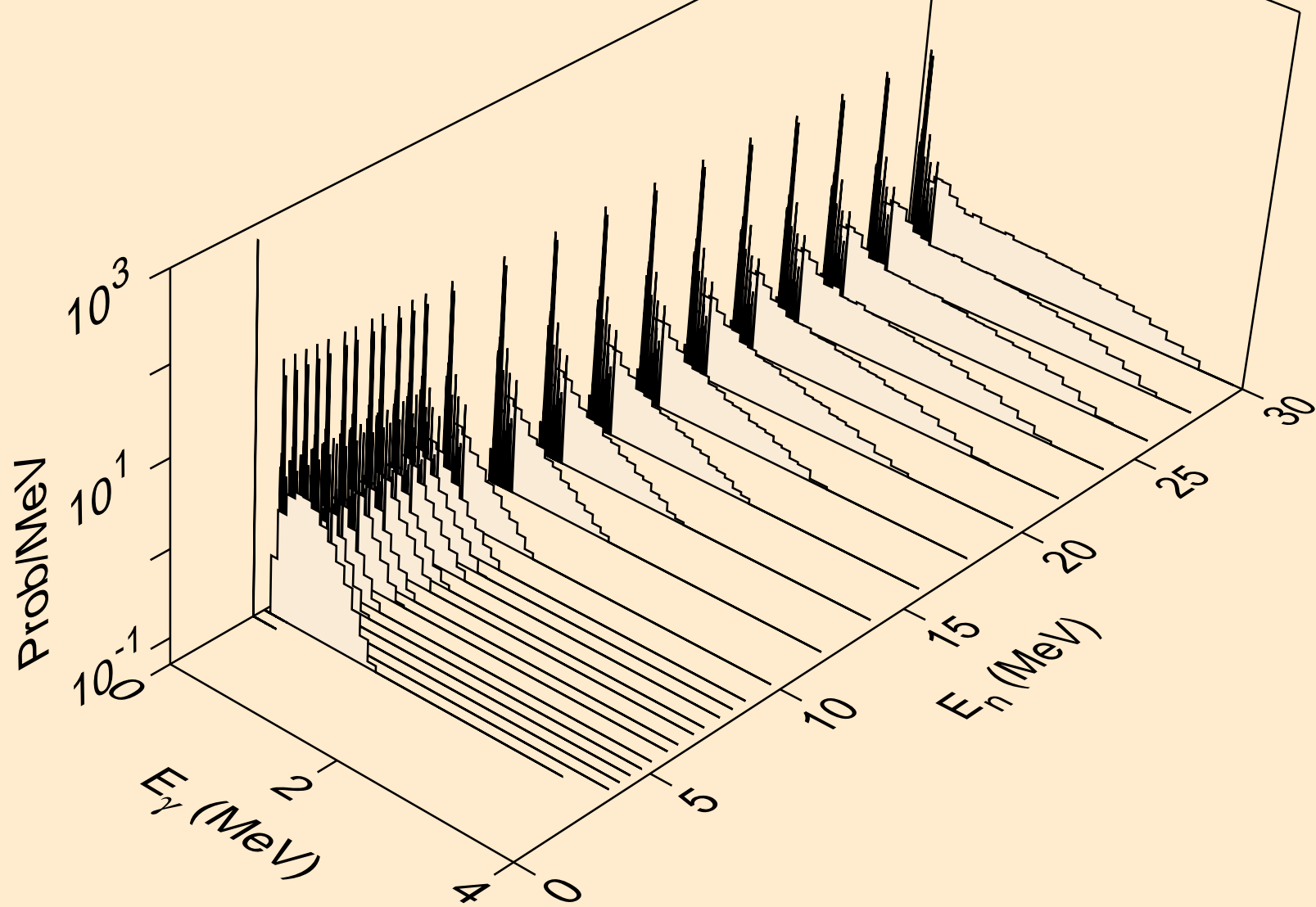
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



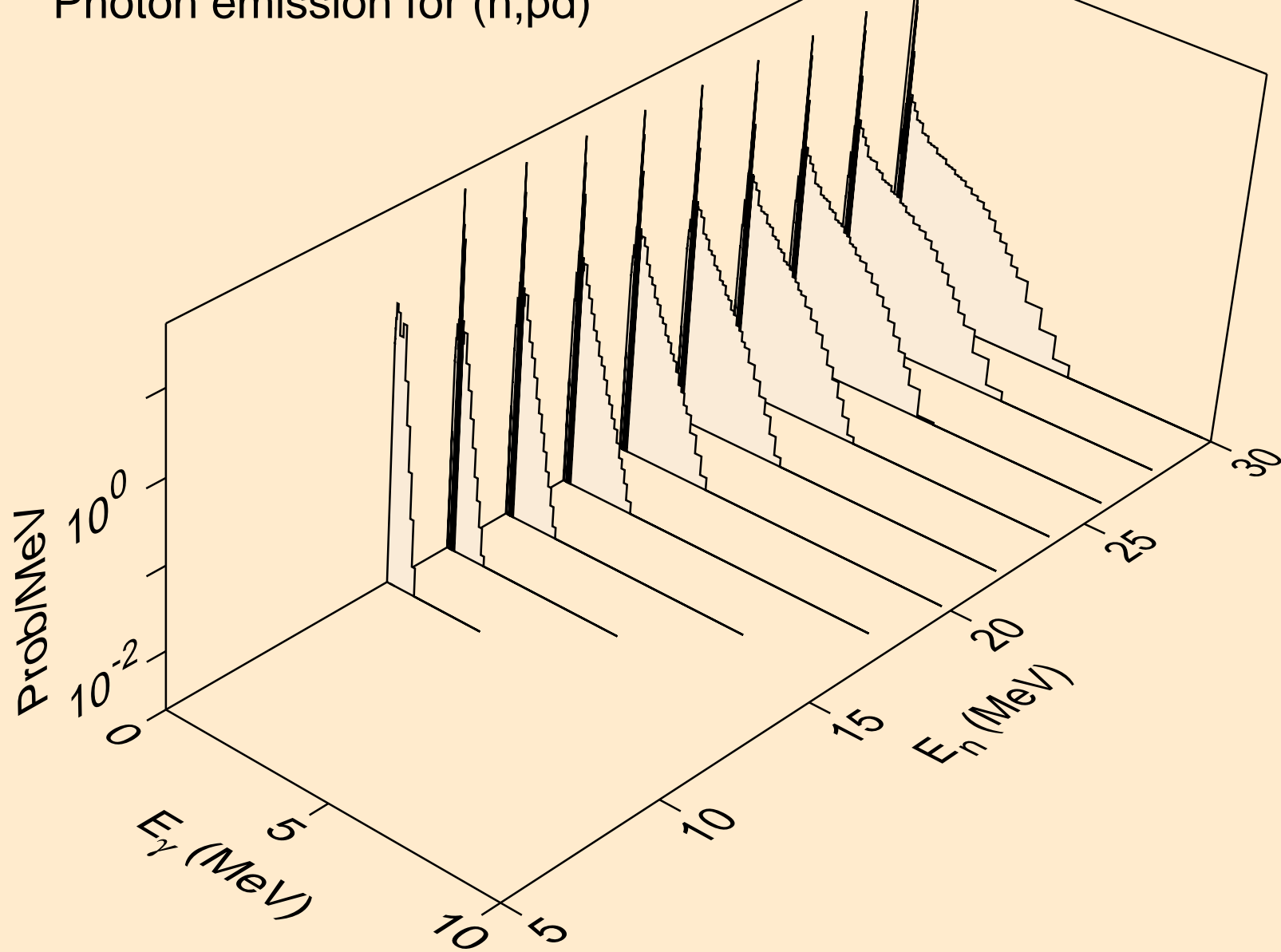
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Photon emission for (n,2p)



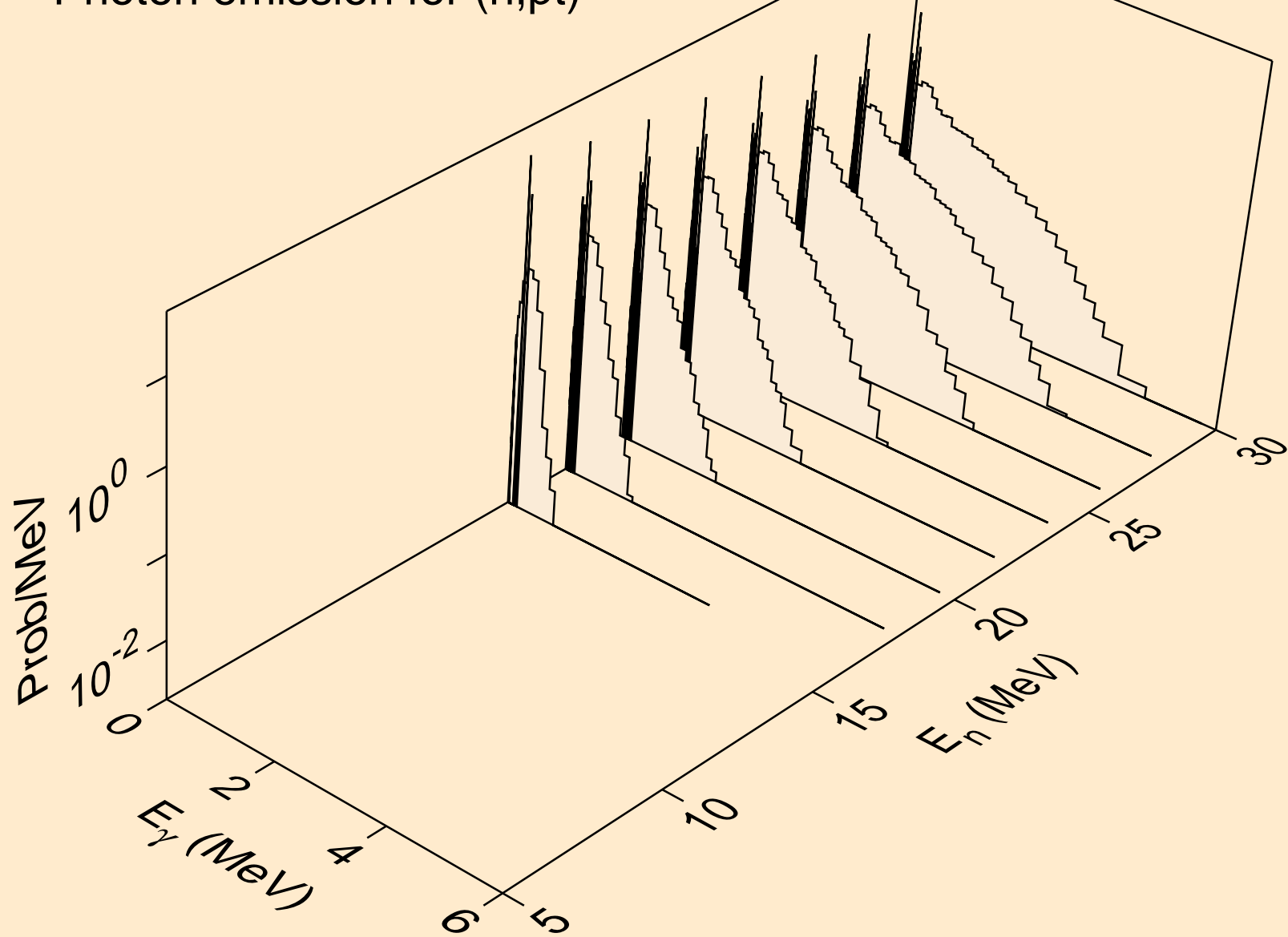
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



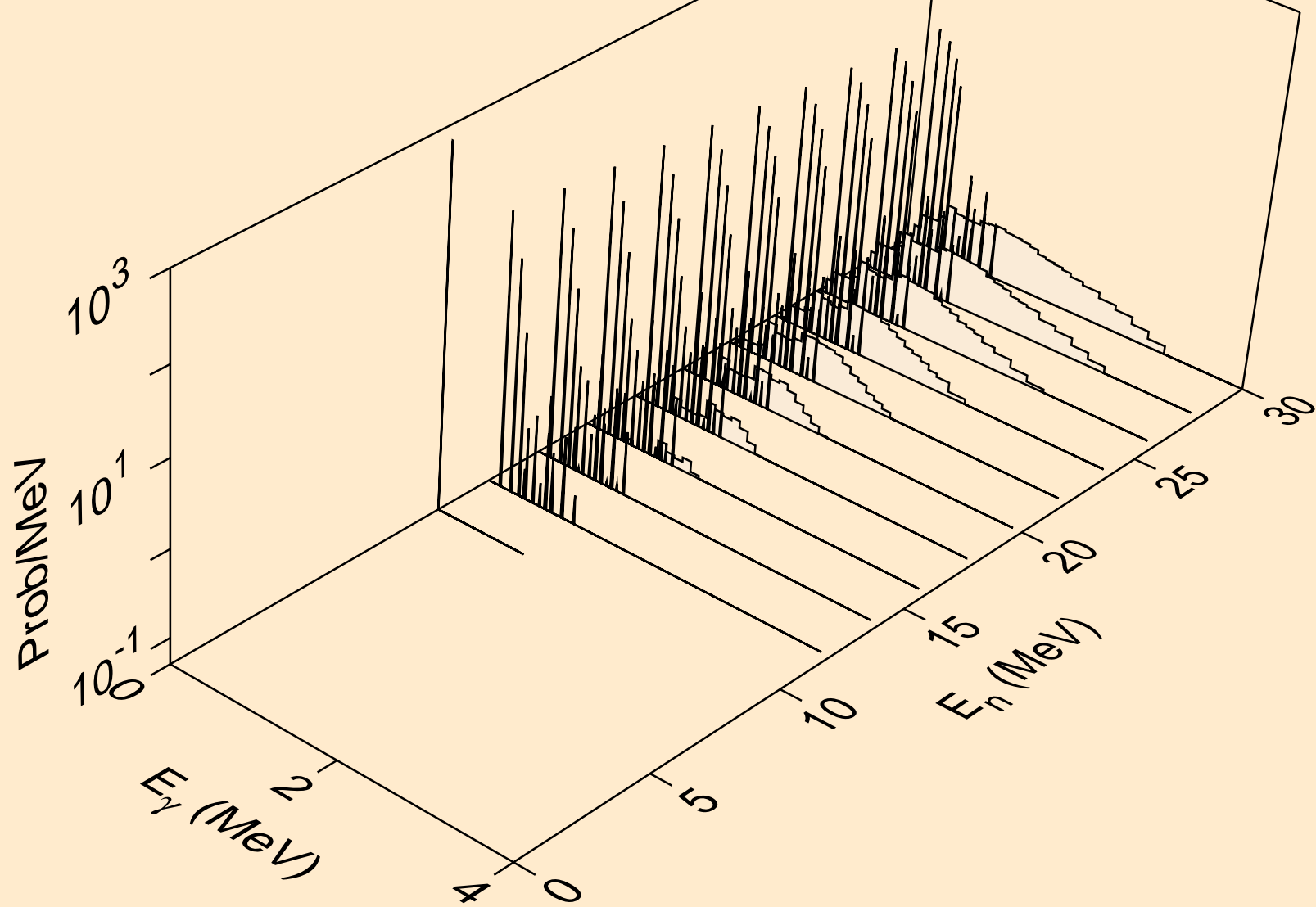
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



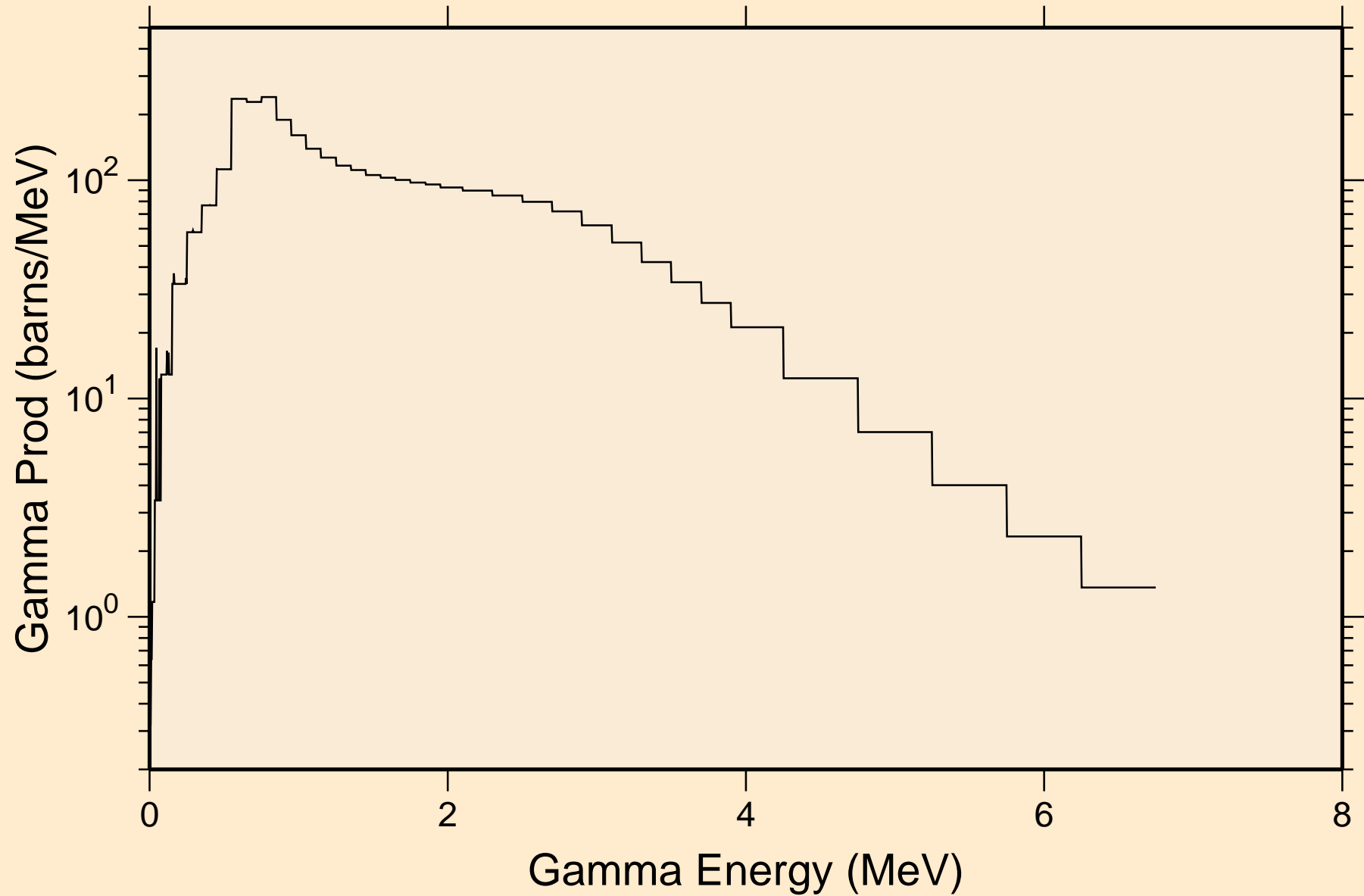
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

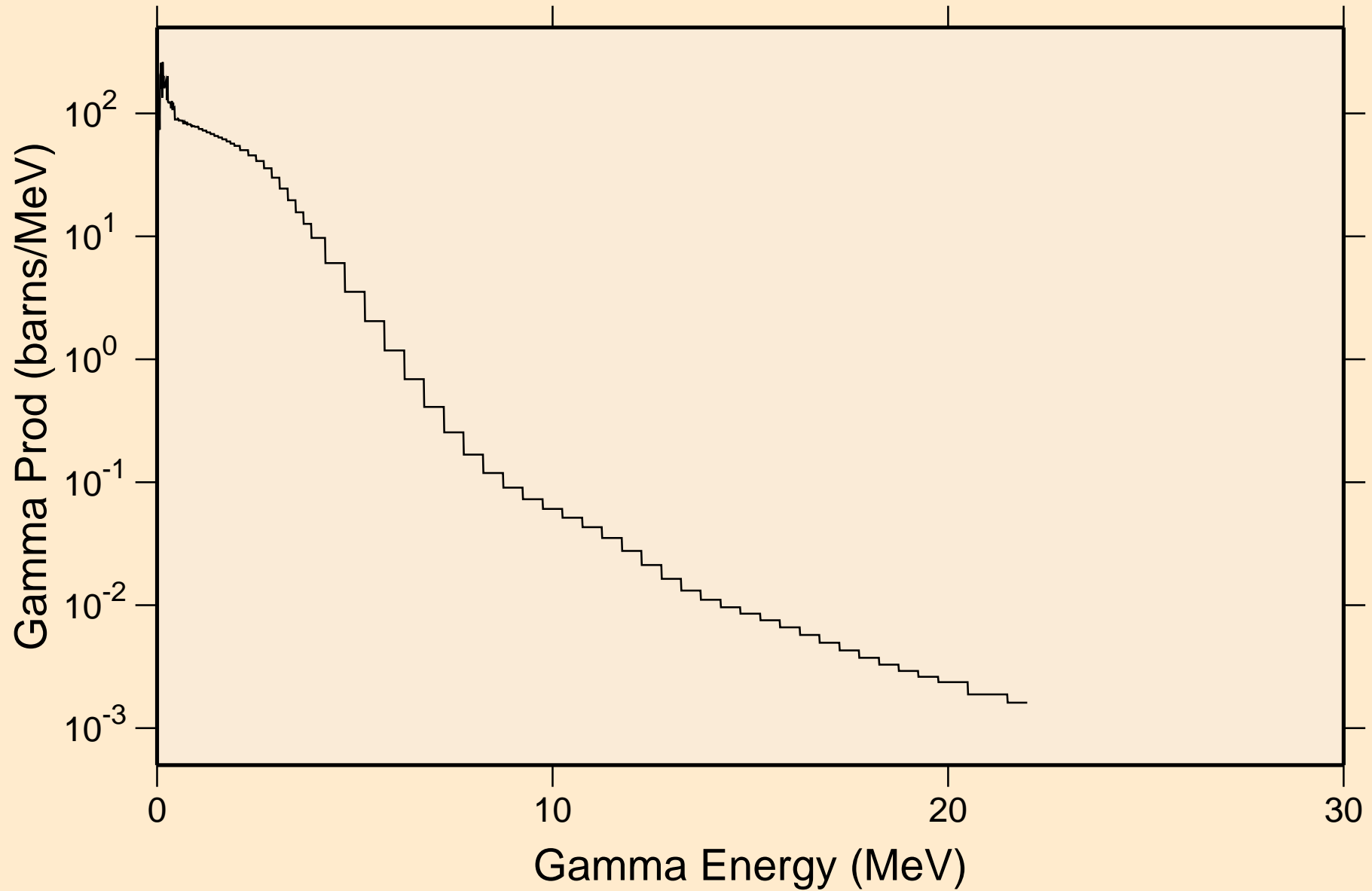


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



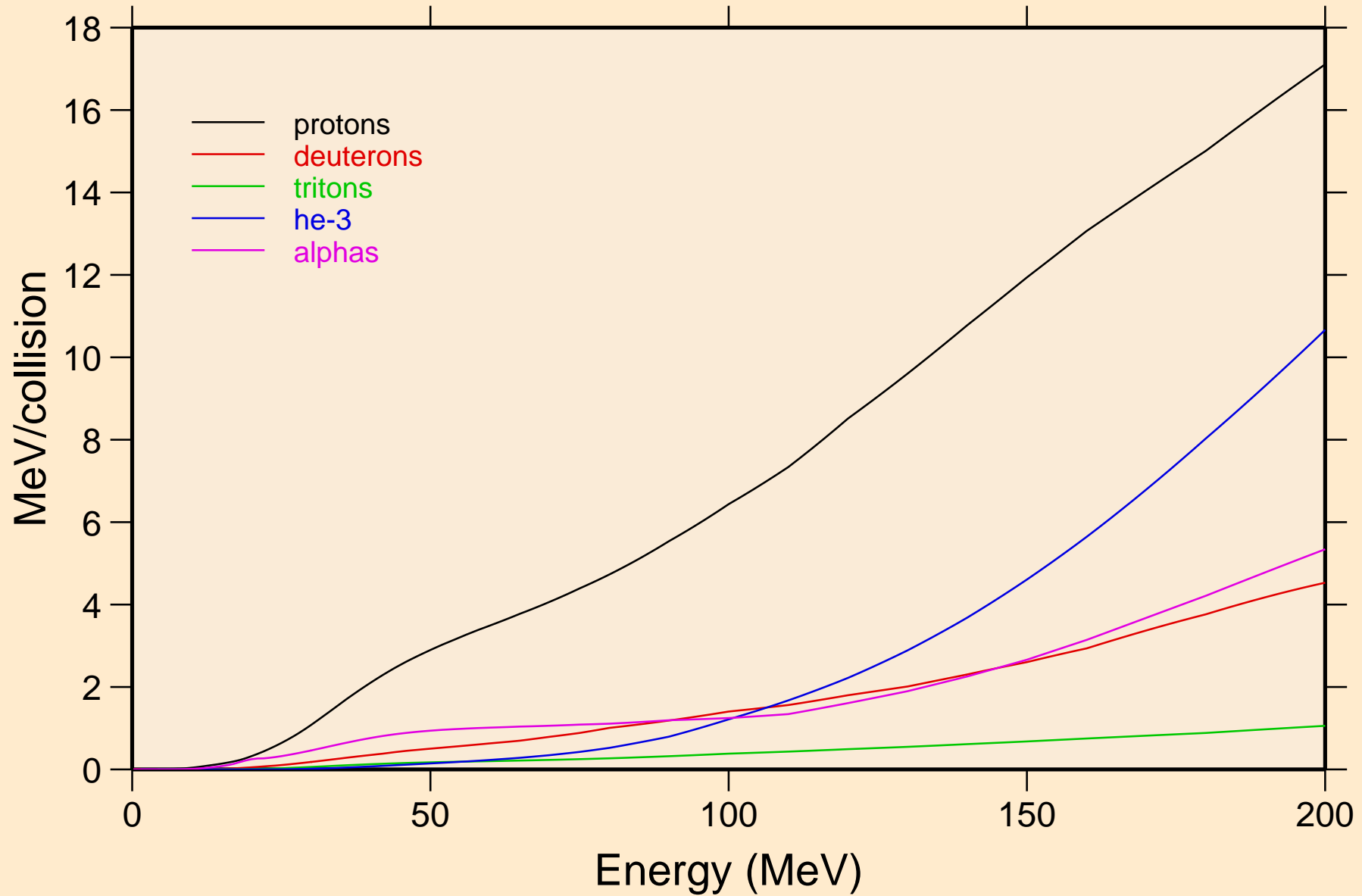


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

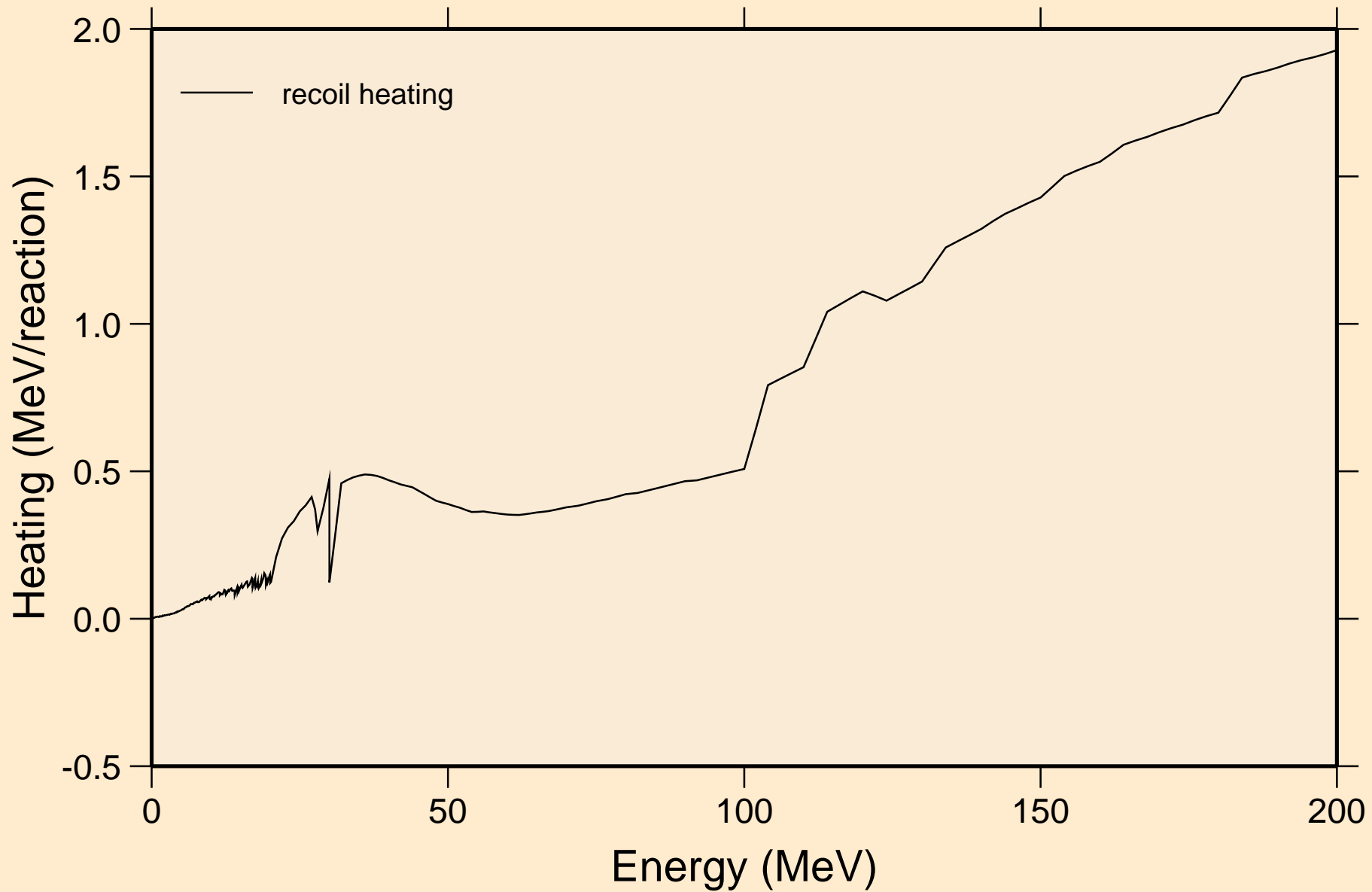


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

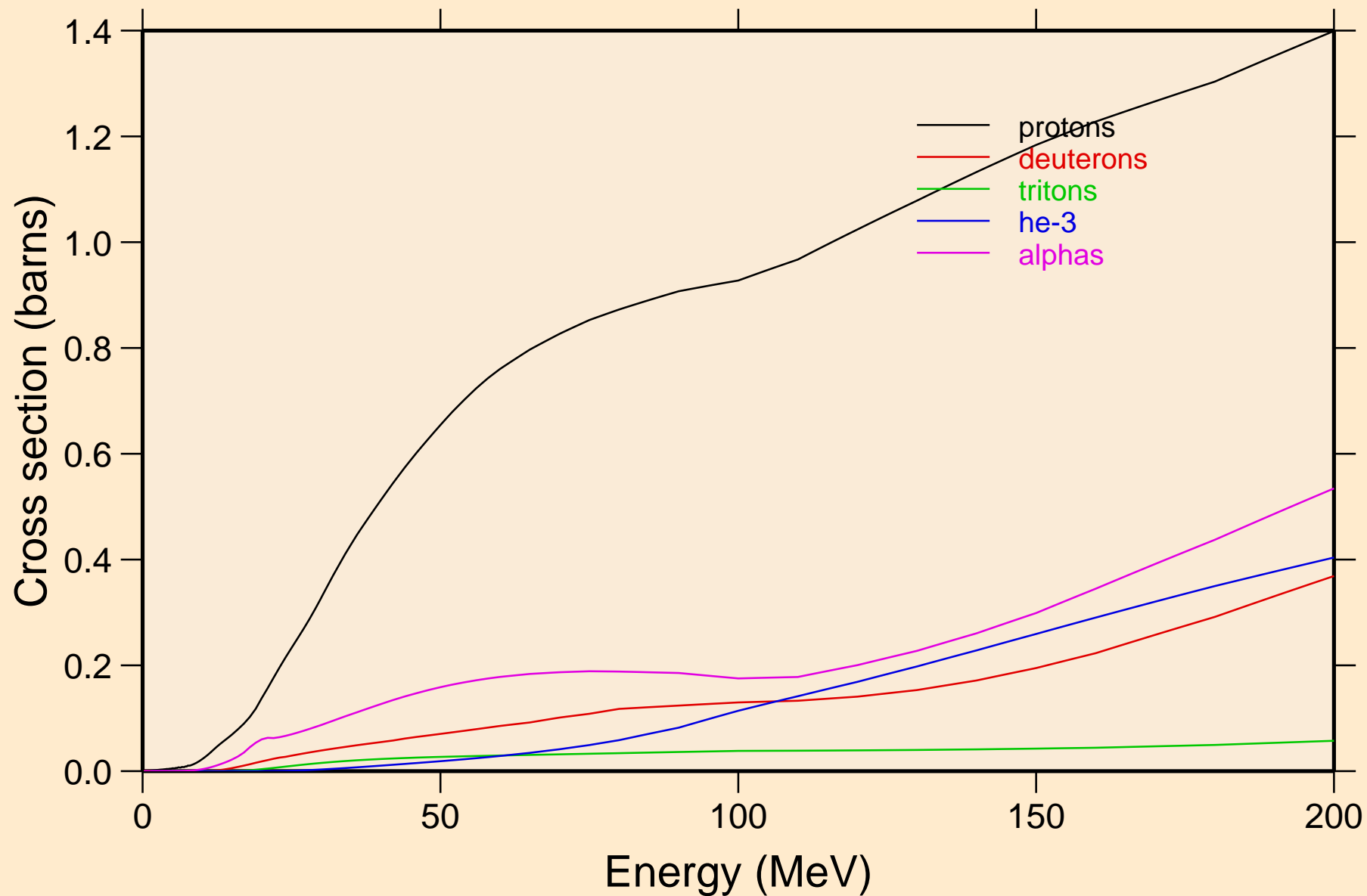


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

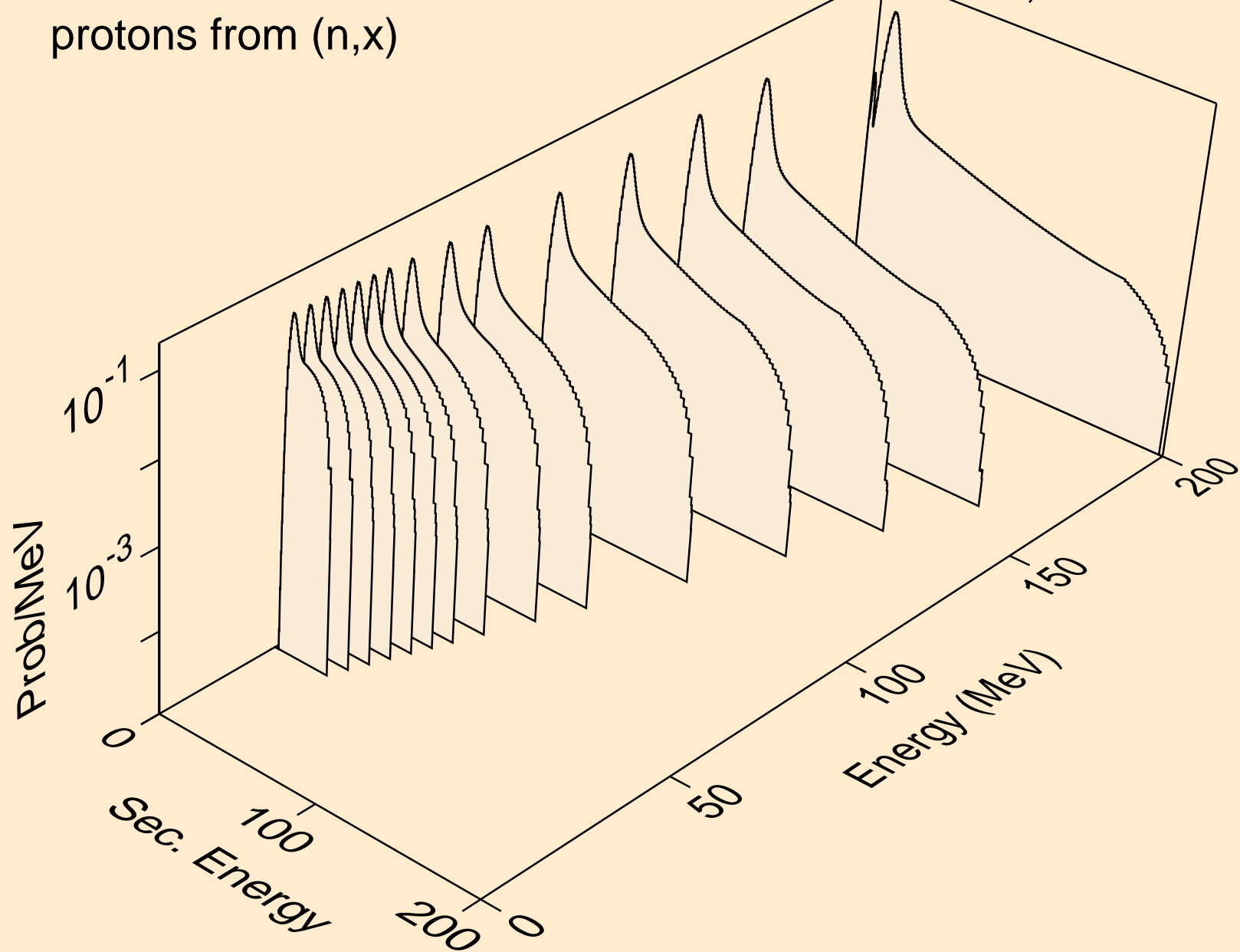


# TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

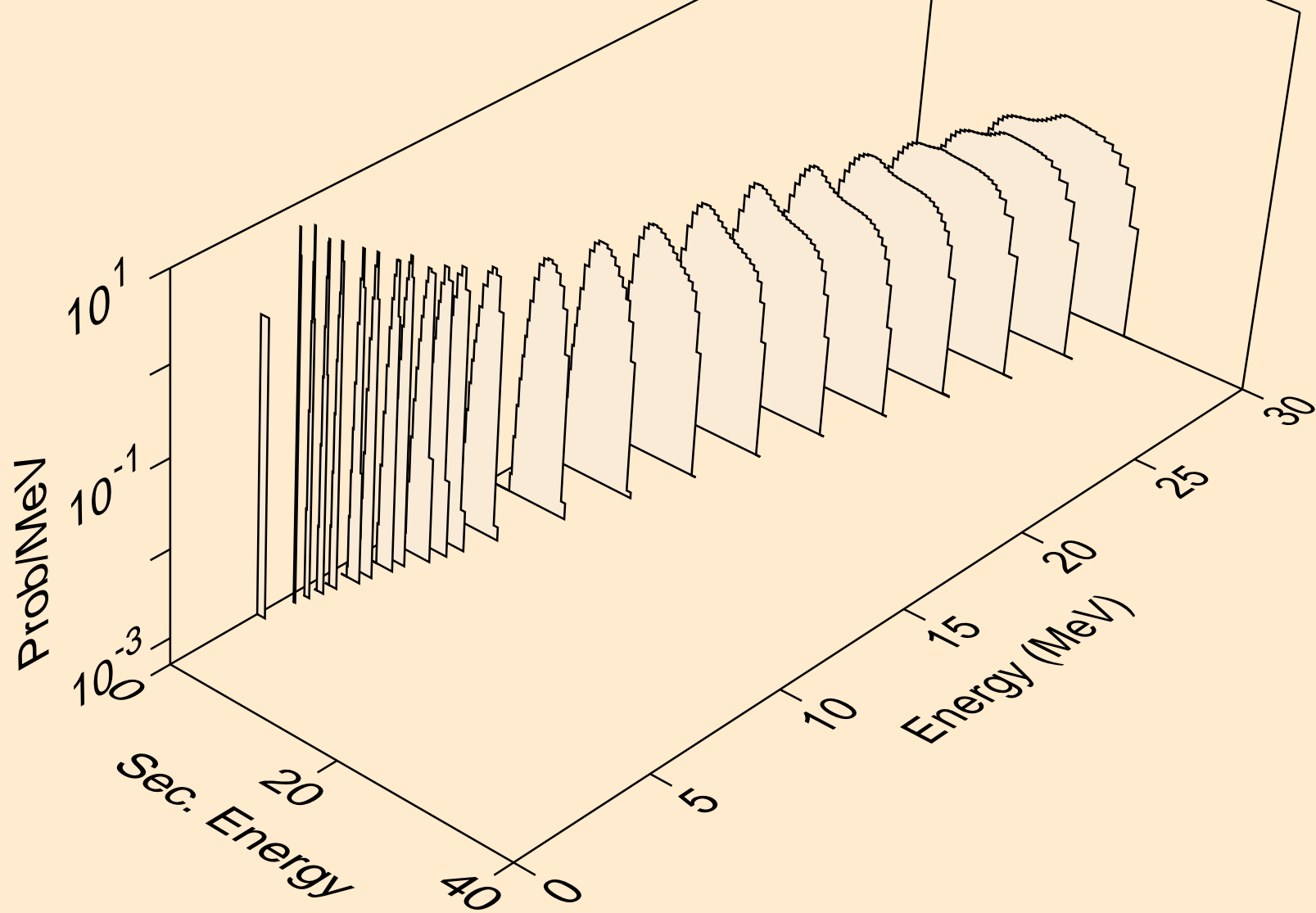
## Particle production cross sections



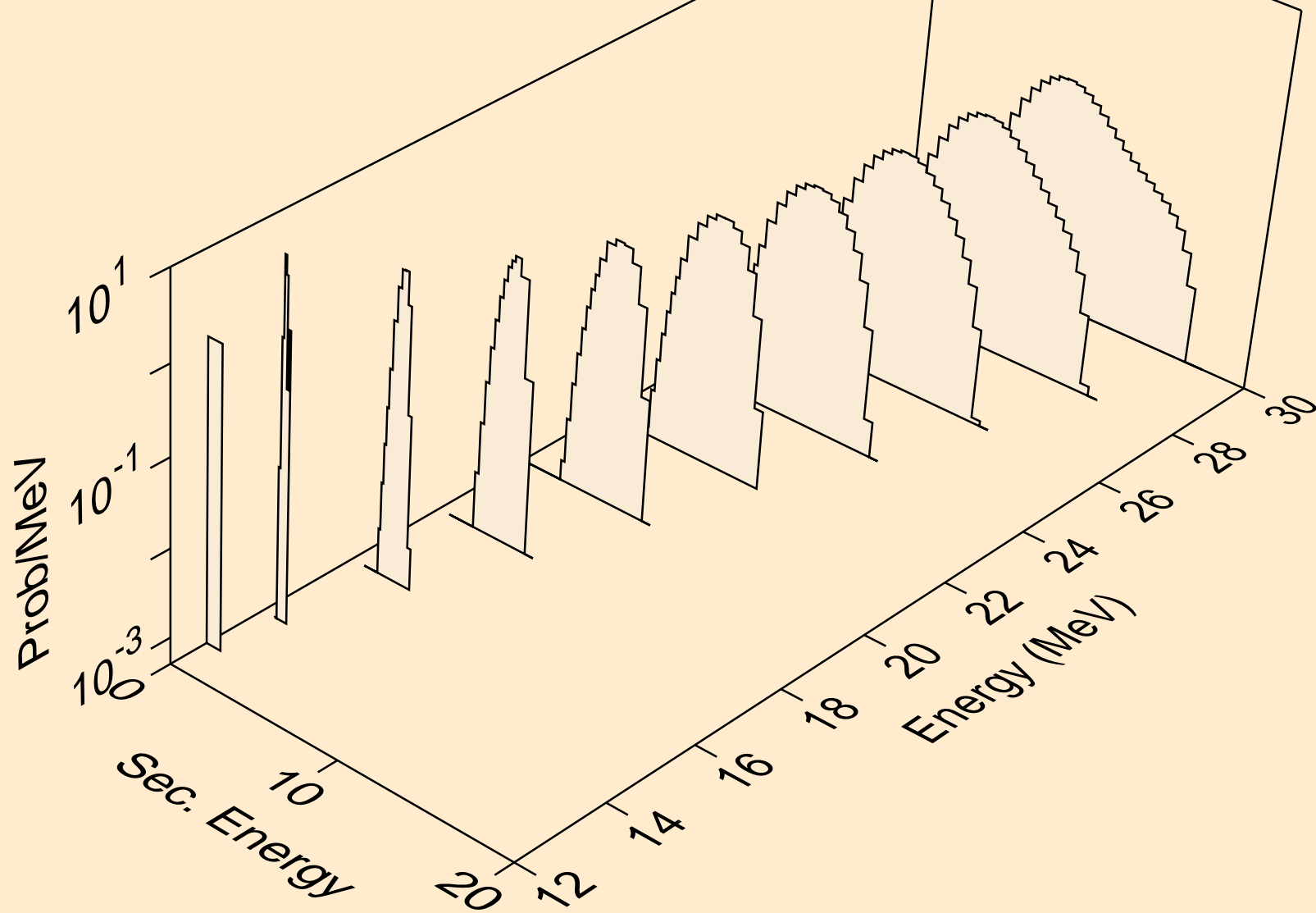
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



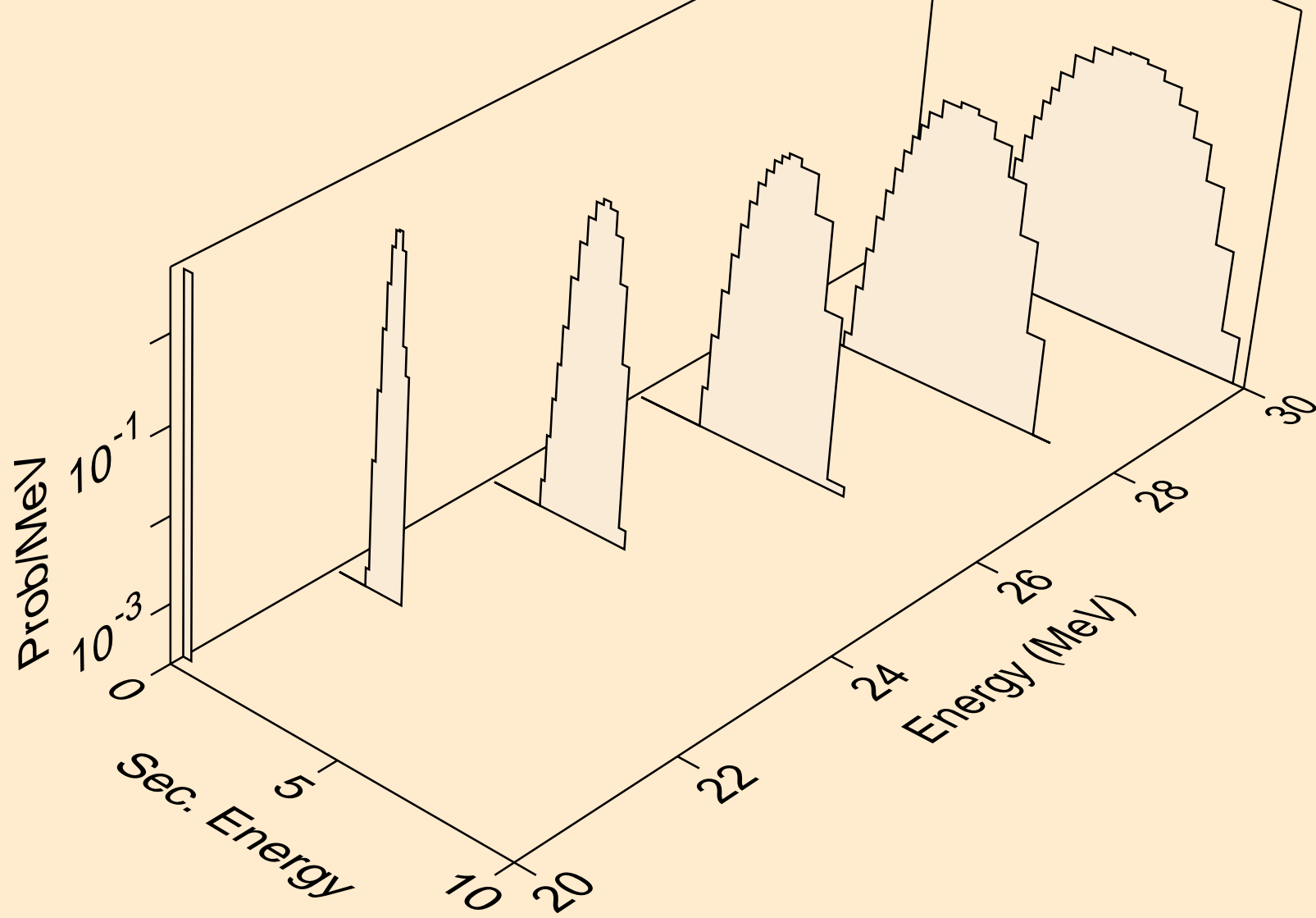
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

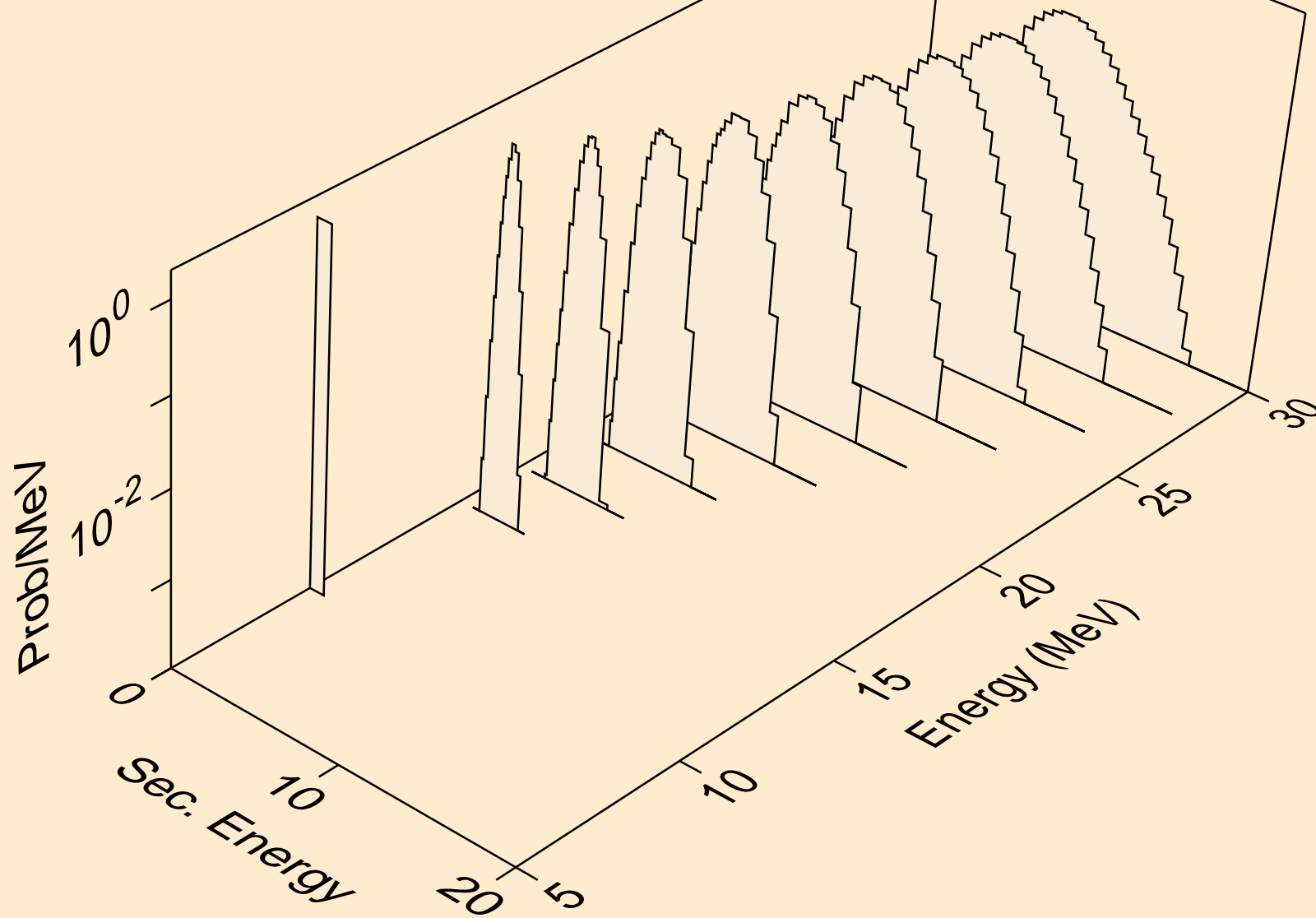


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protons from (n,3np)

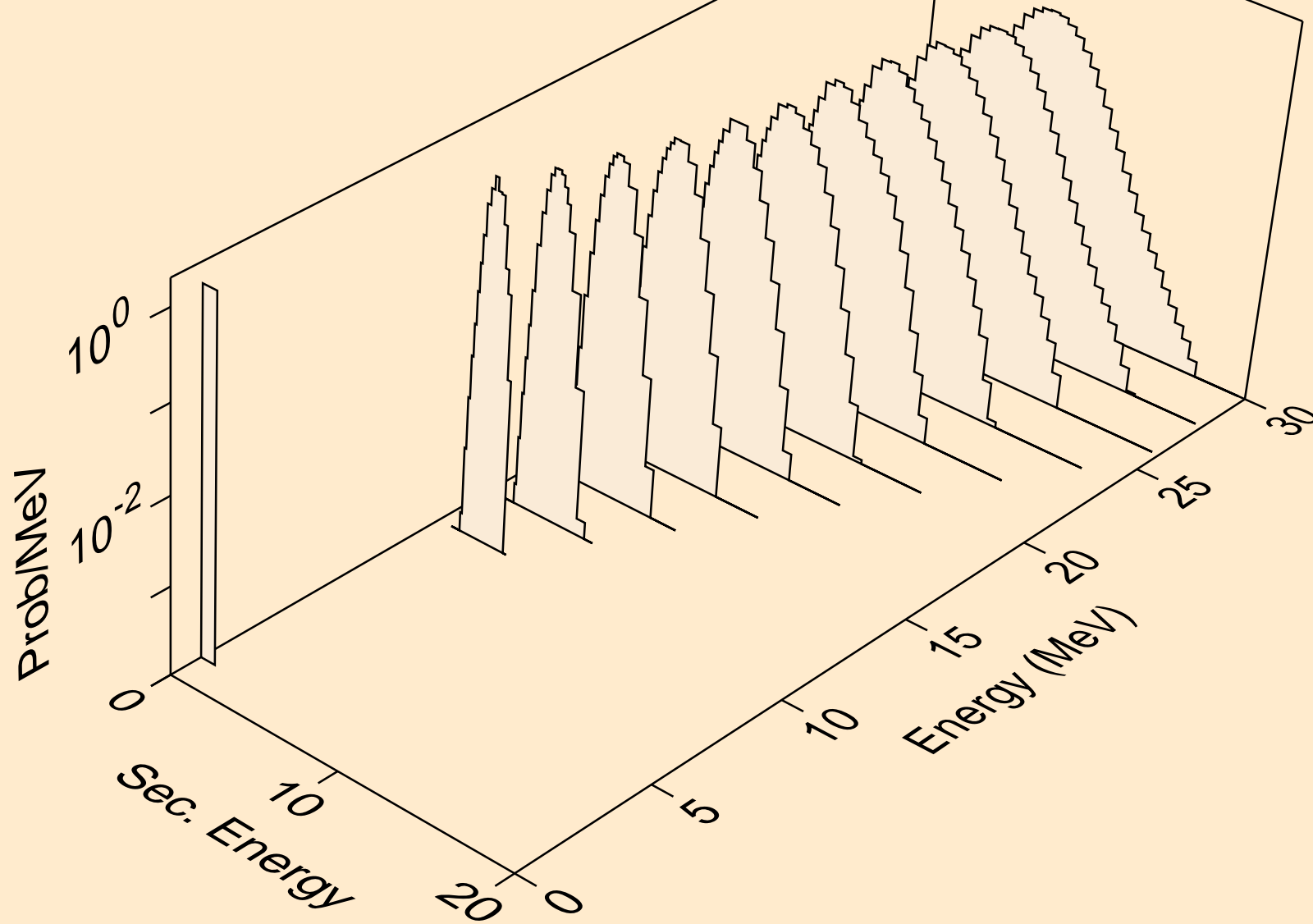




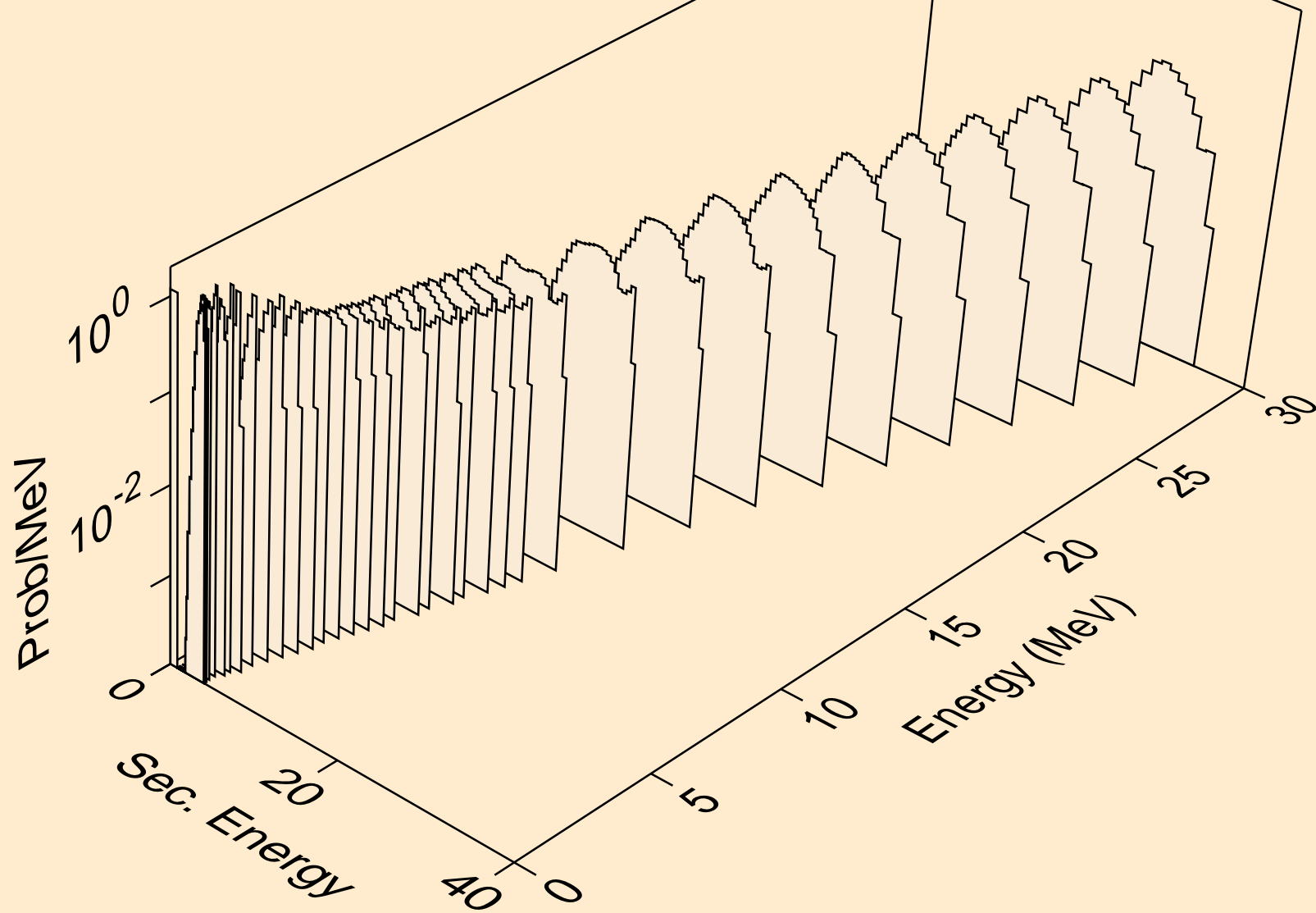
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protons from (n,n2p)



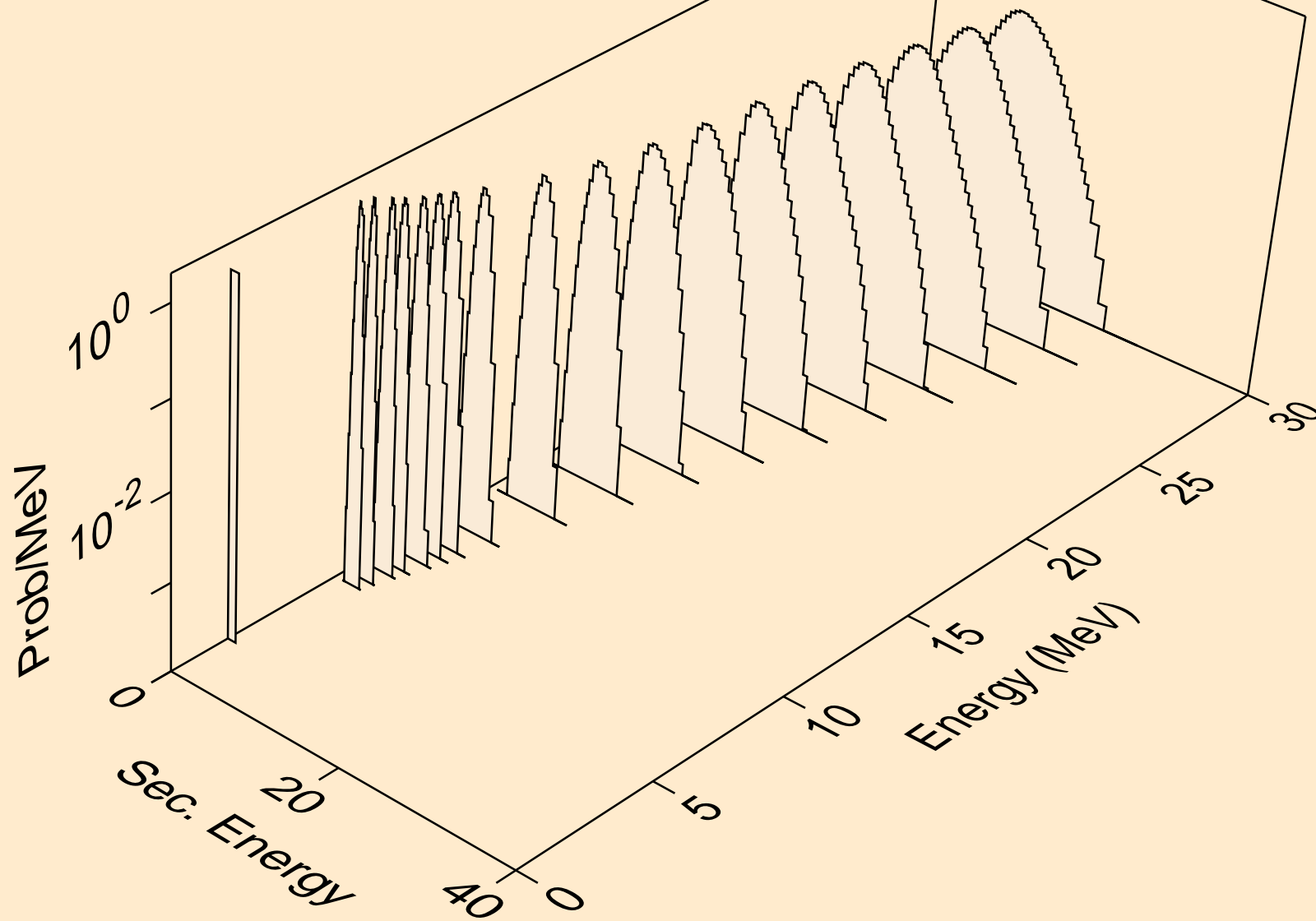
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



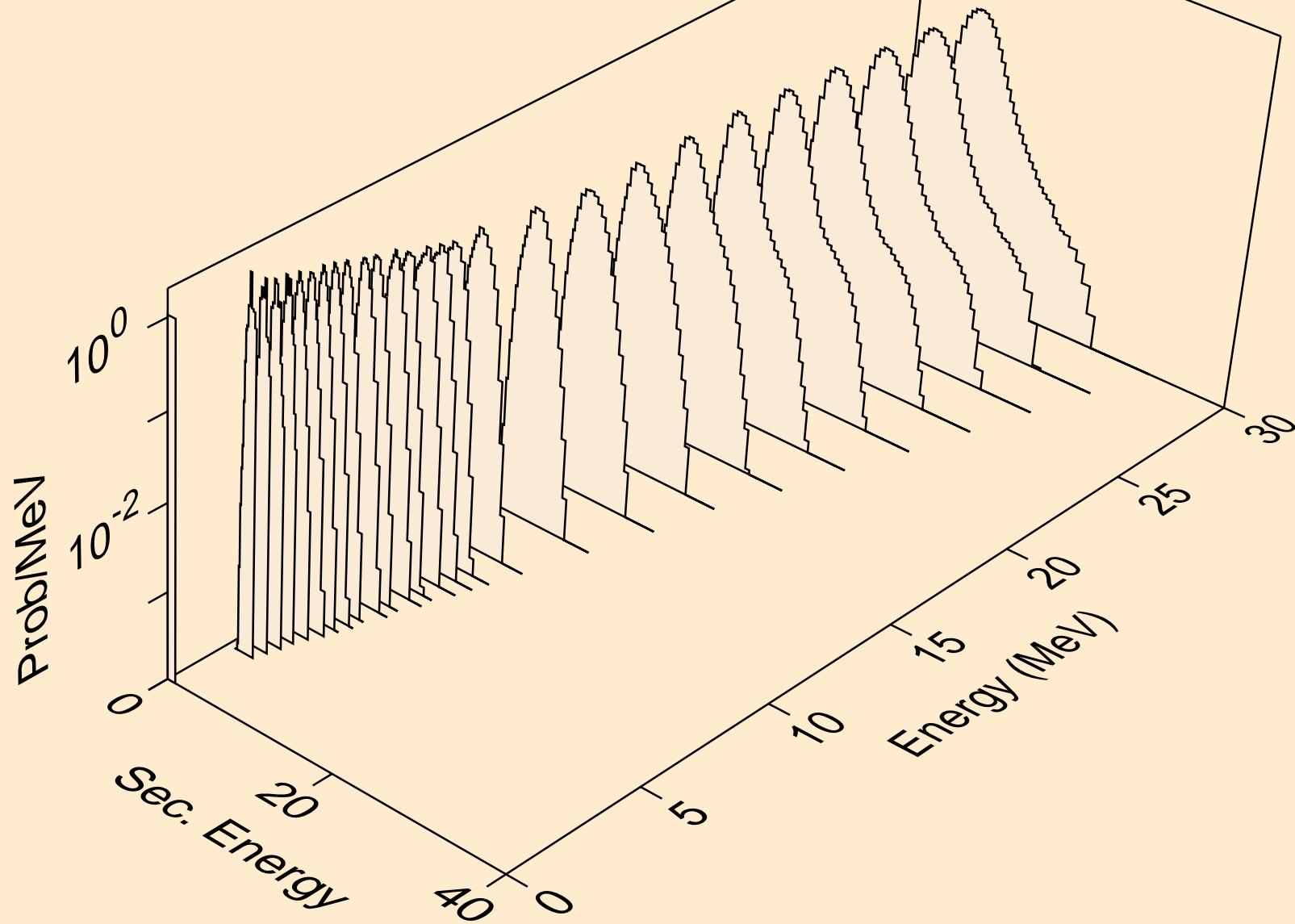
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protons from (n,p)



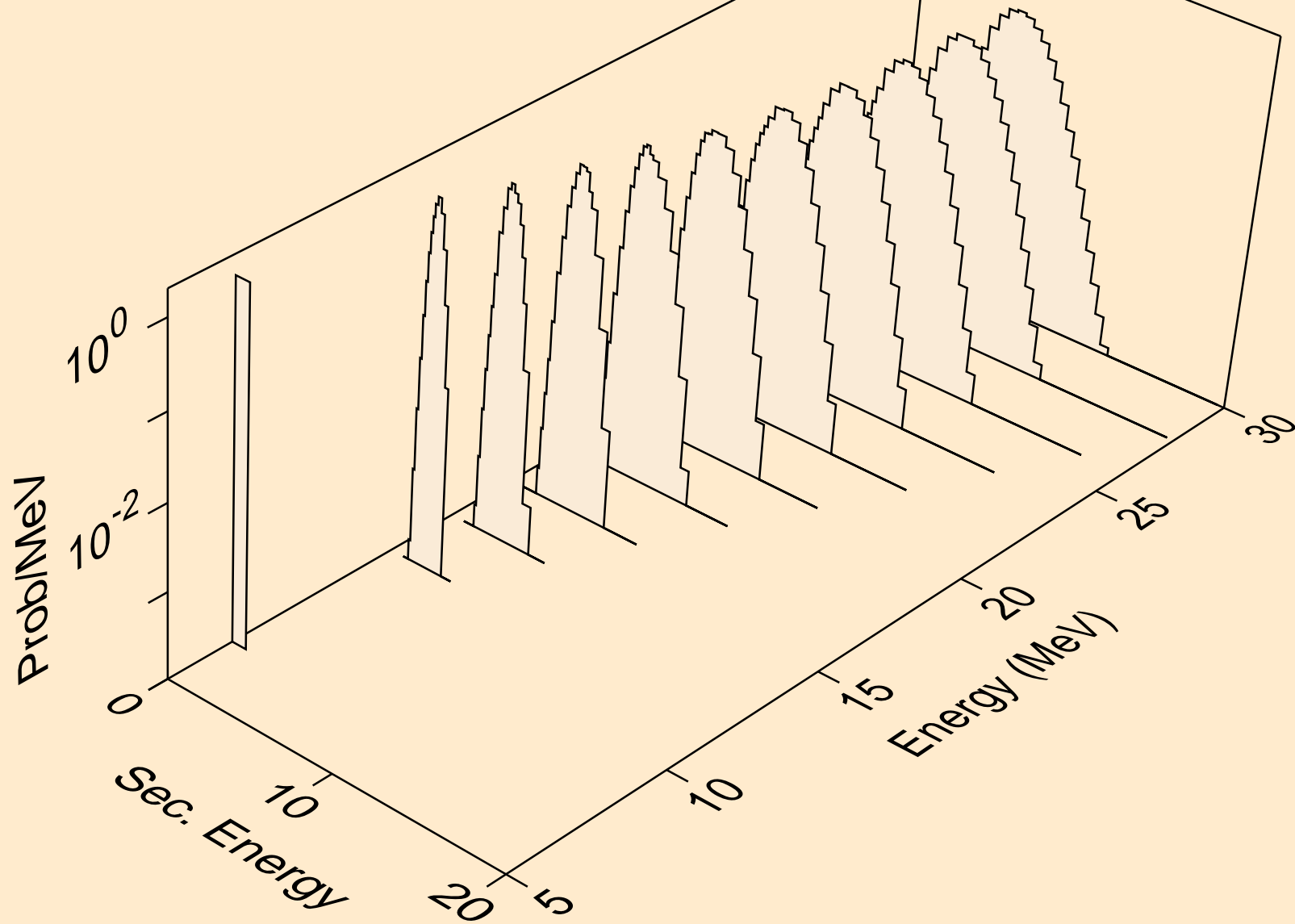
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protons from (n,2p)



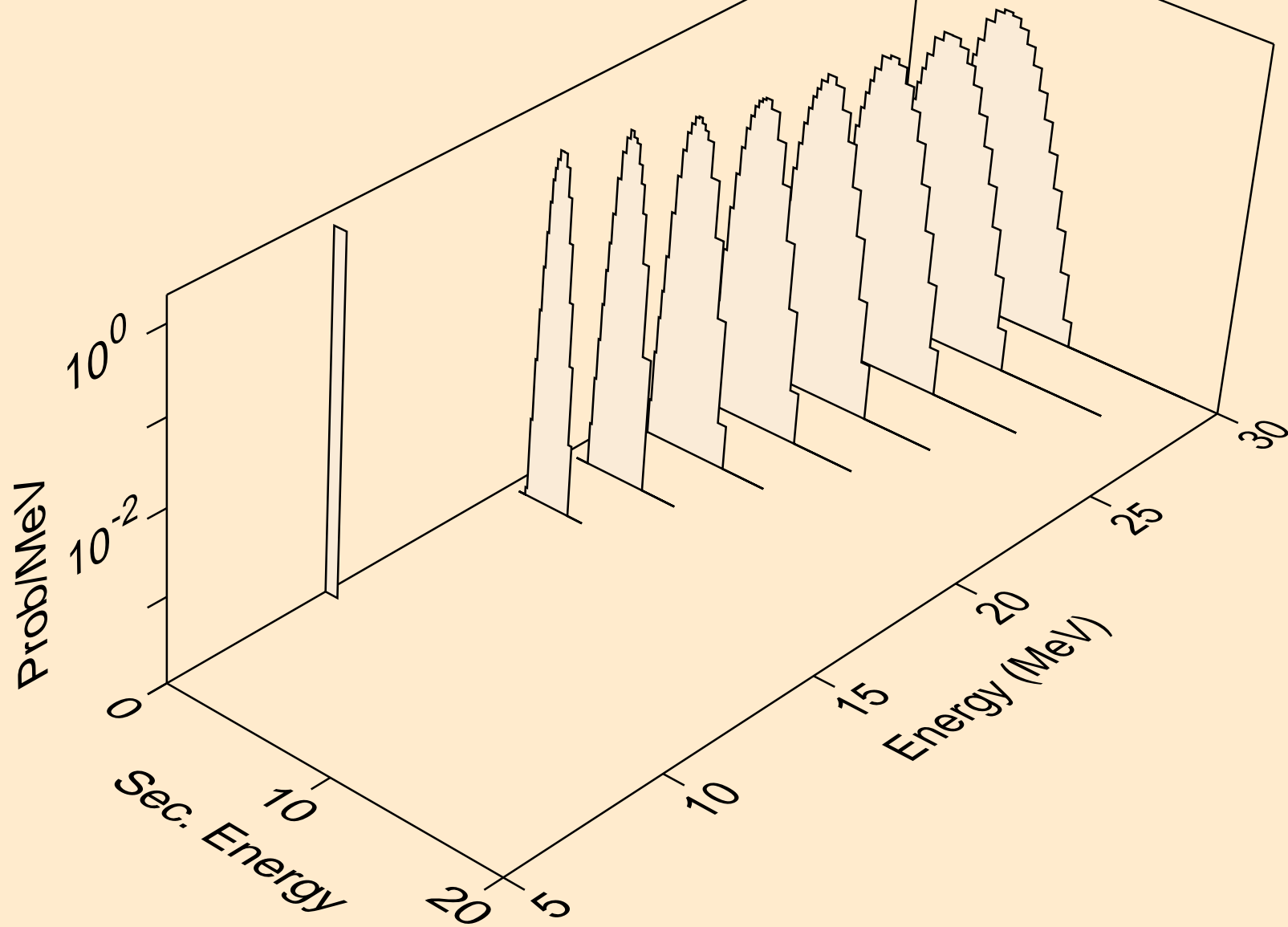
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protons from (n,p)



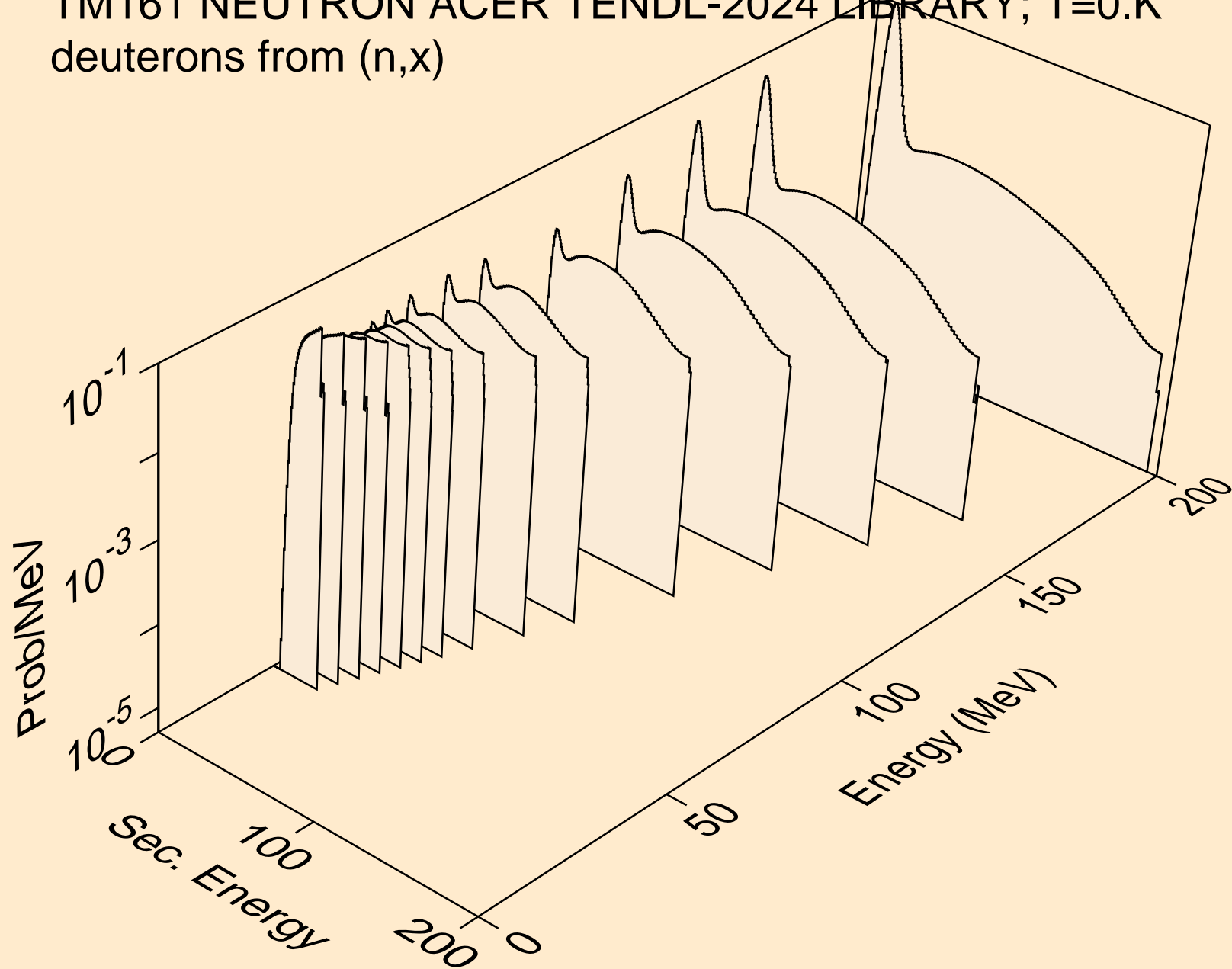
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

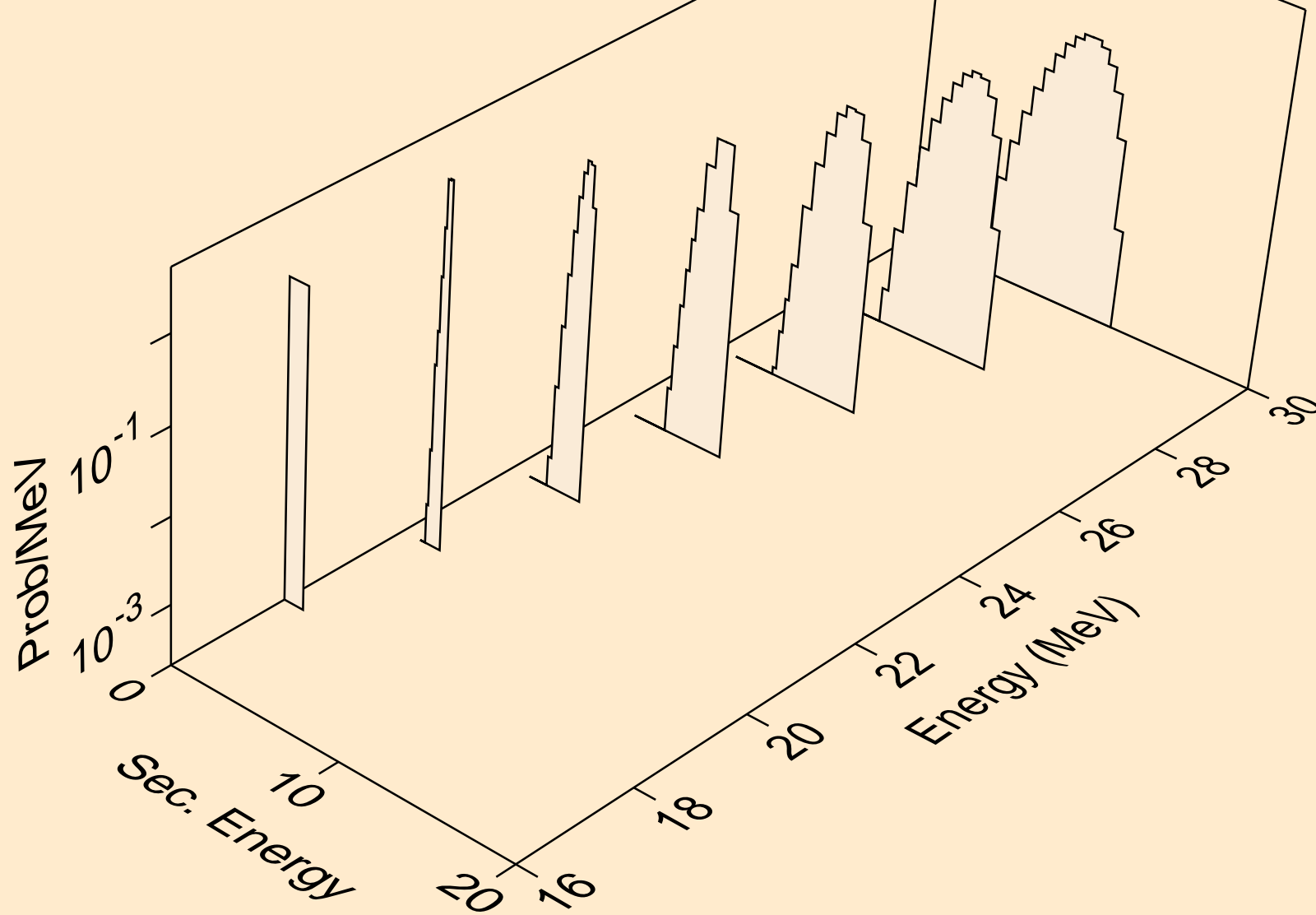


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

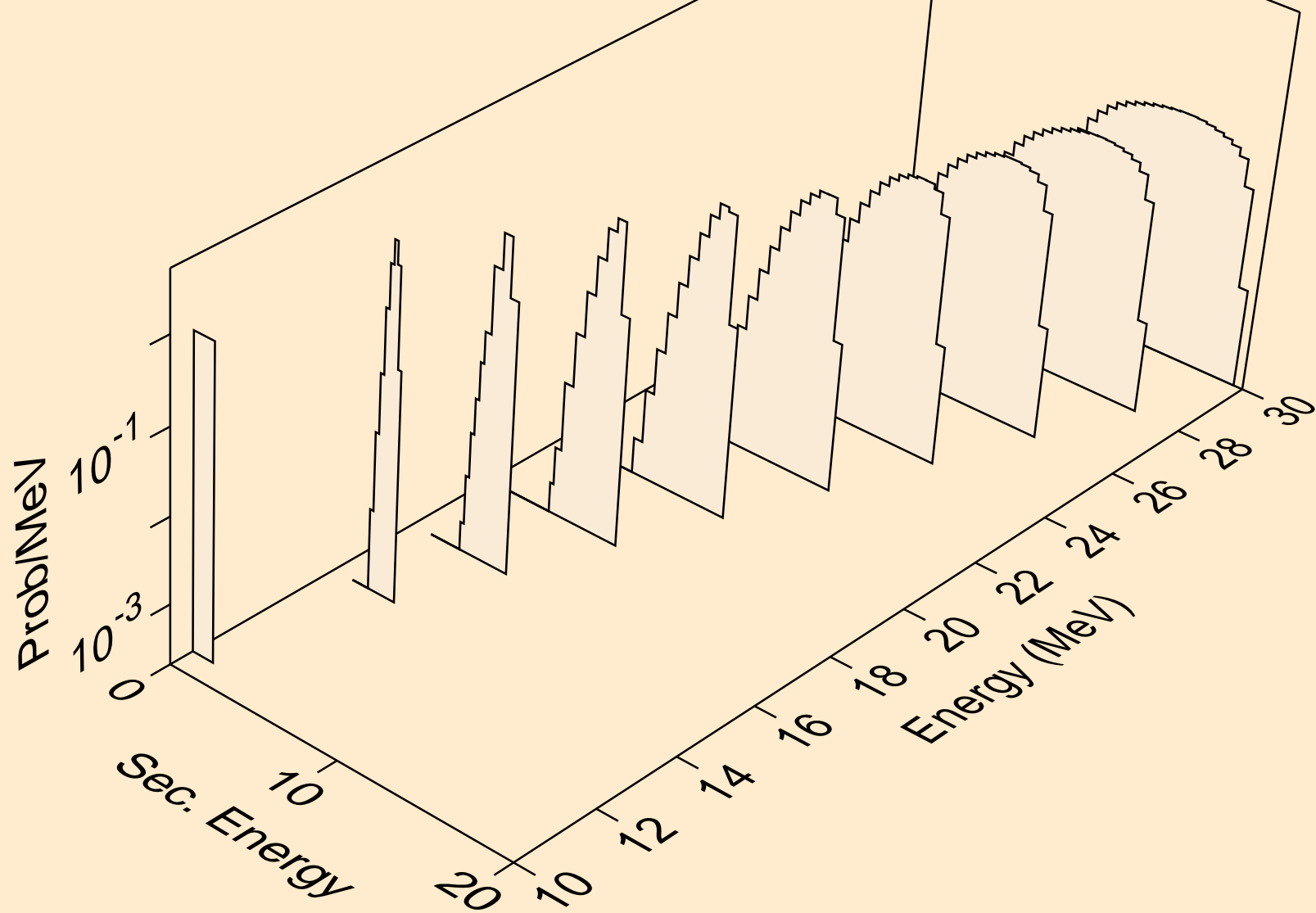




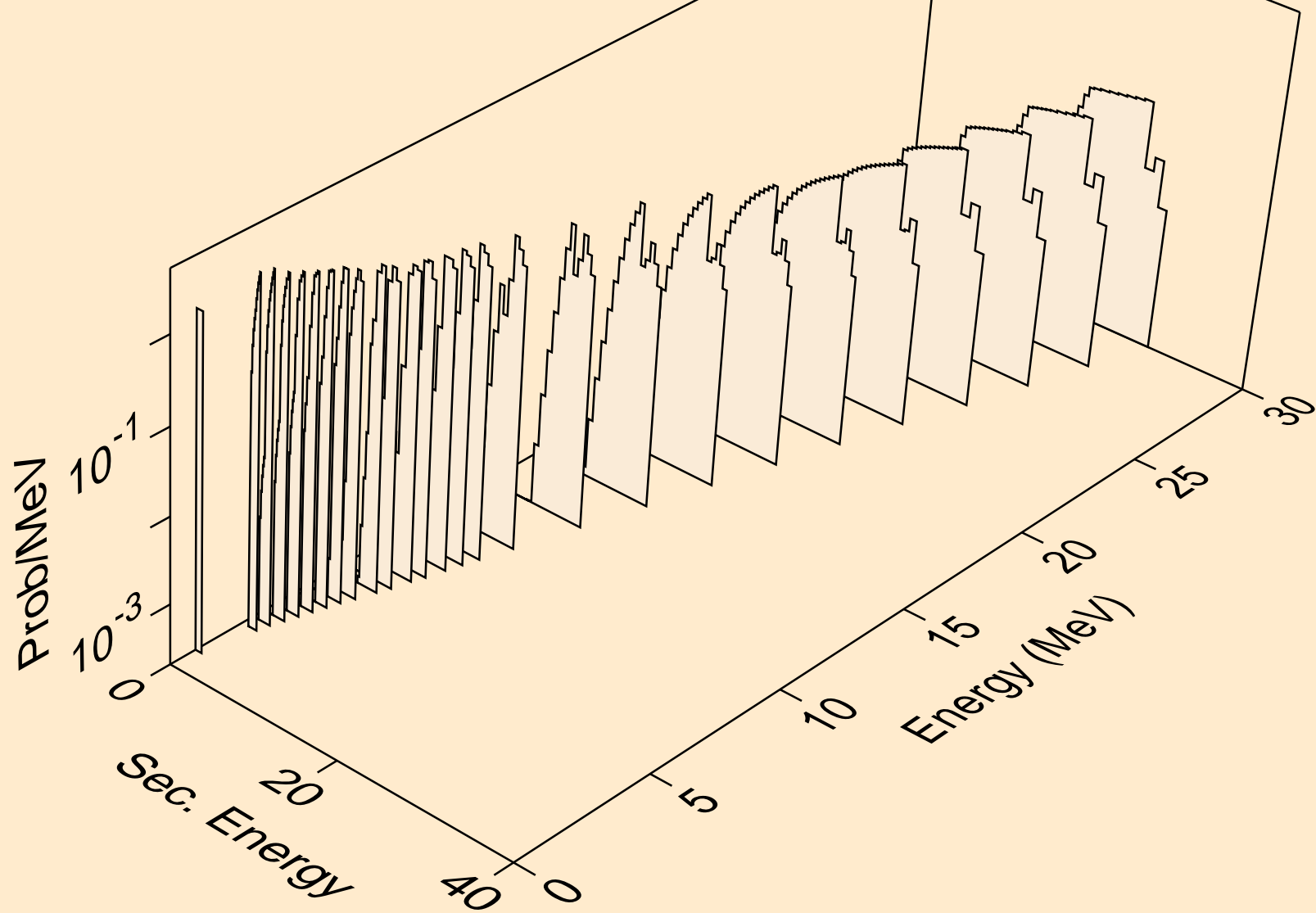
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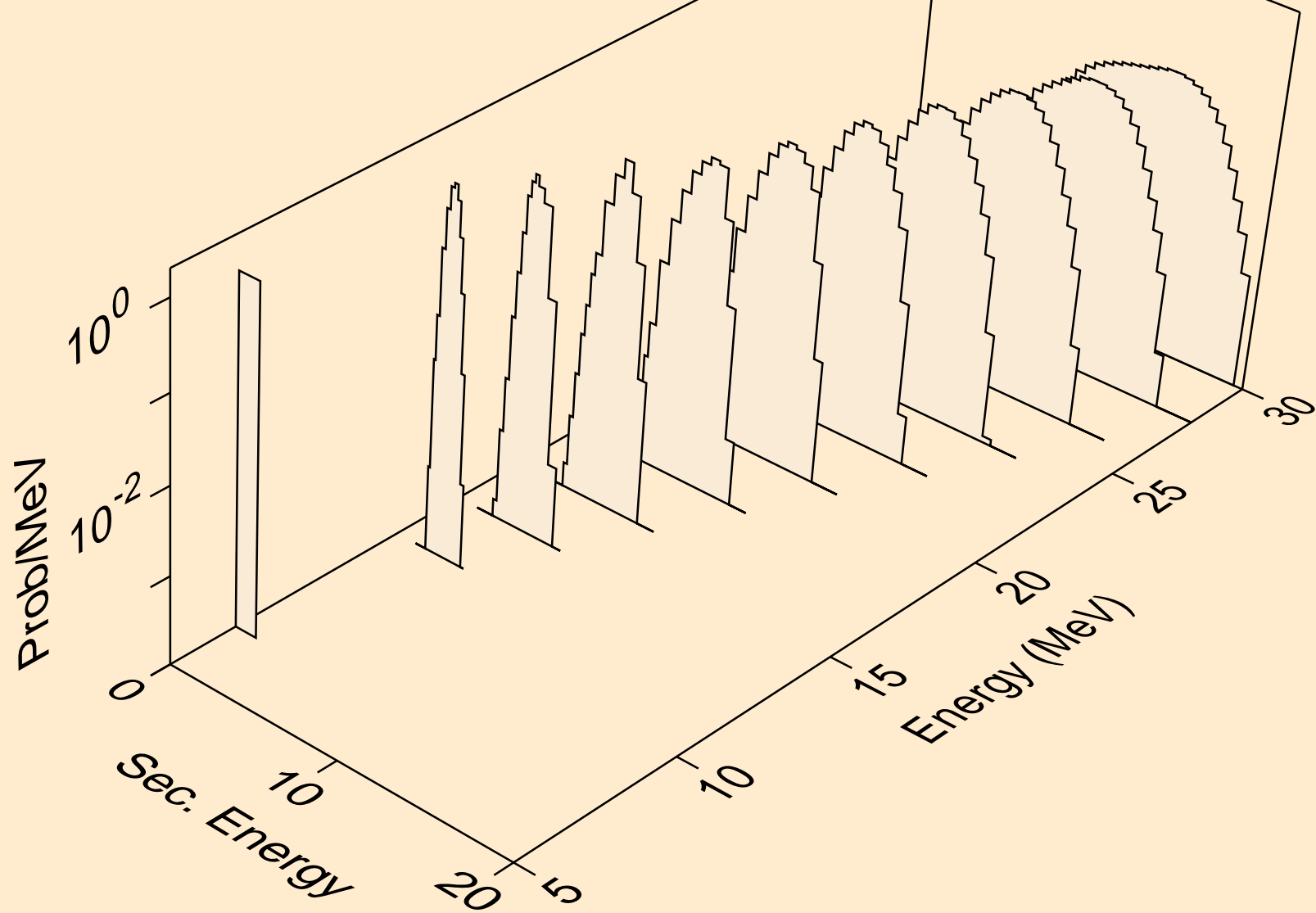
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deuterons from (n,n\*)d



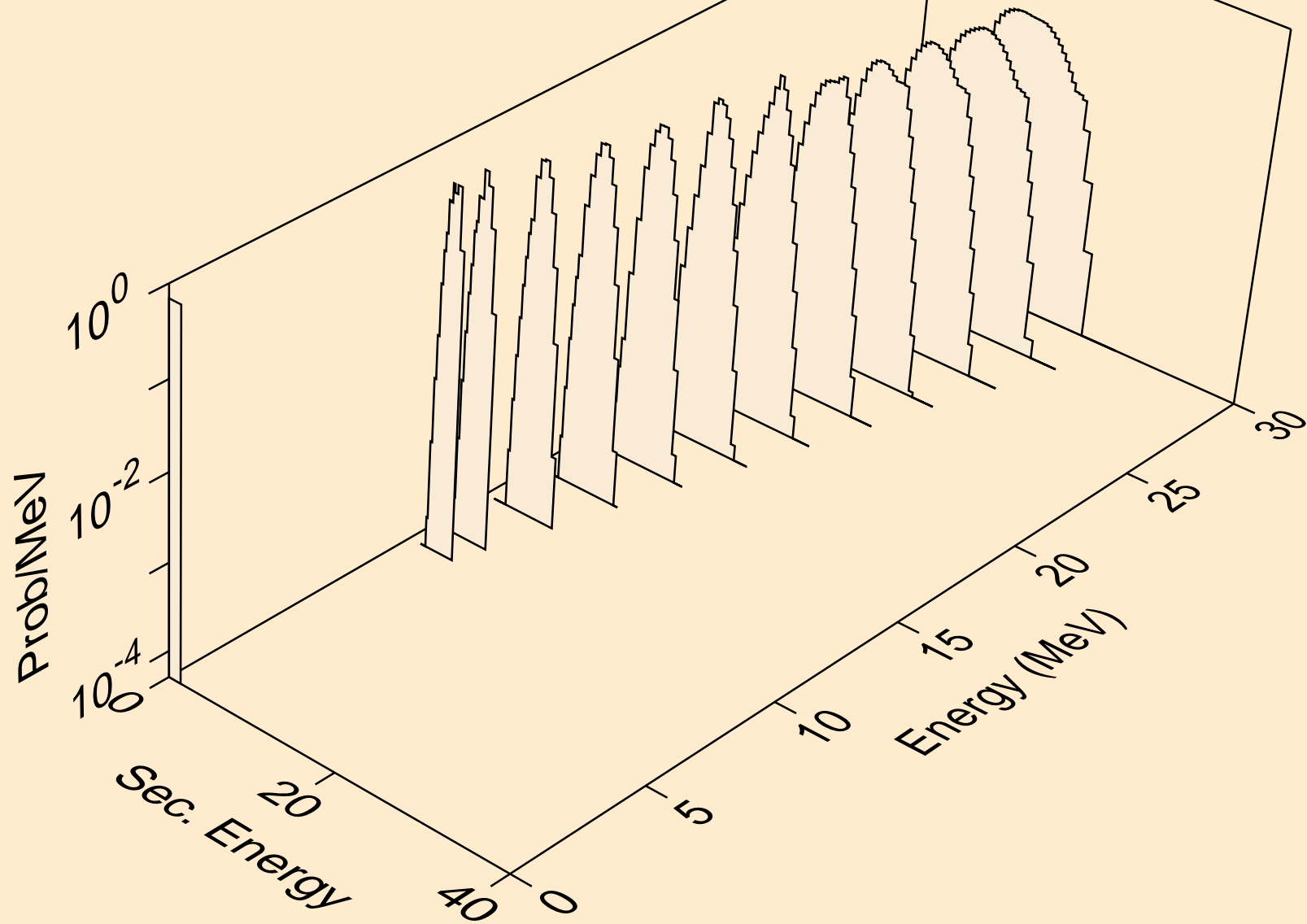
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deuterons from (n,d)



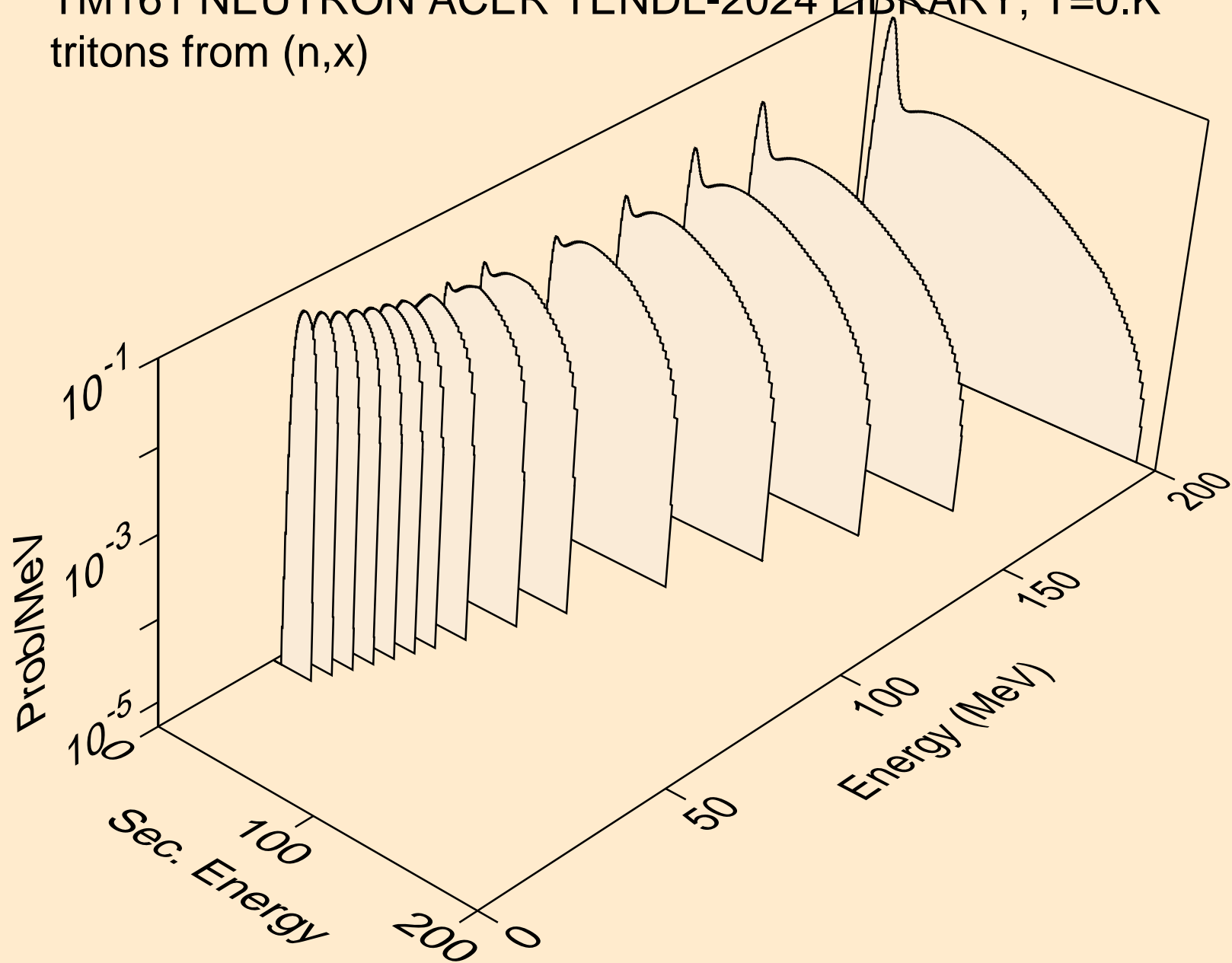
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deuterons from (n,pd)



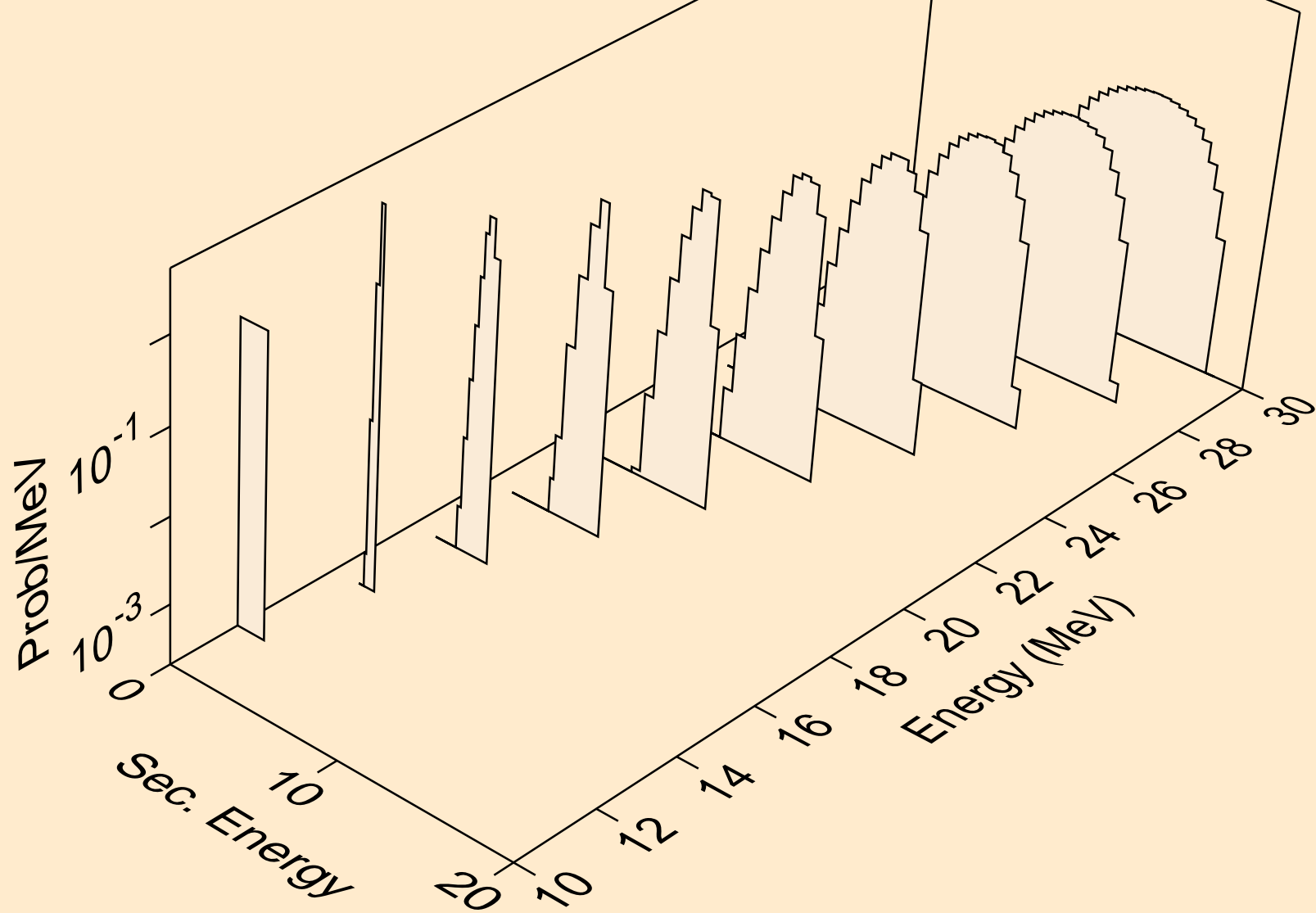
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deuterons from (n,da)



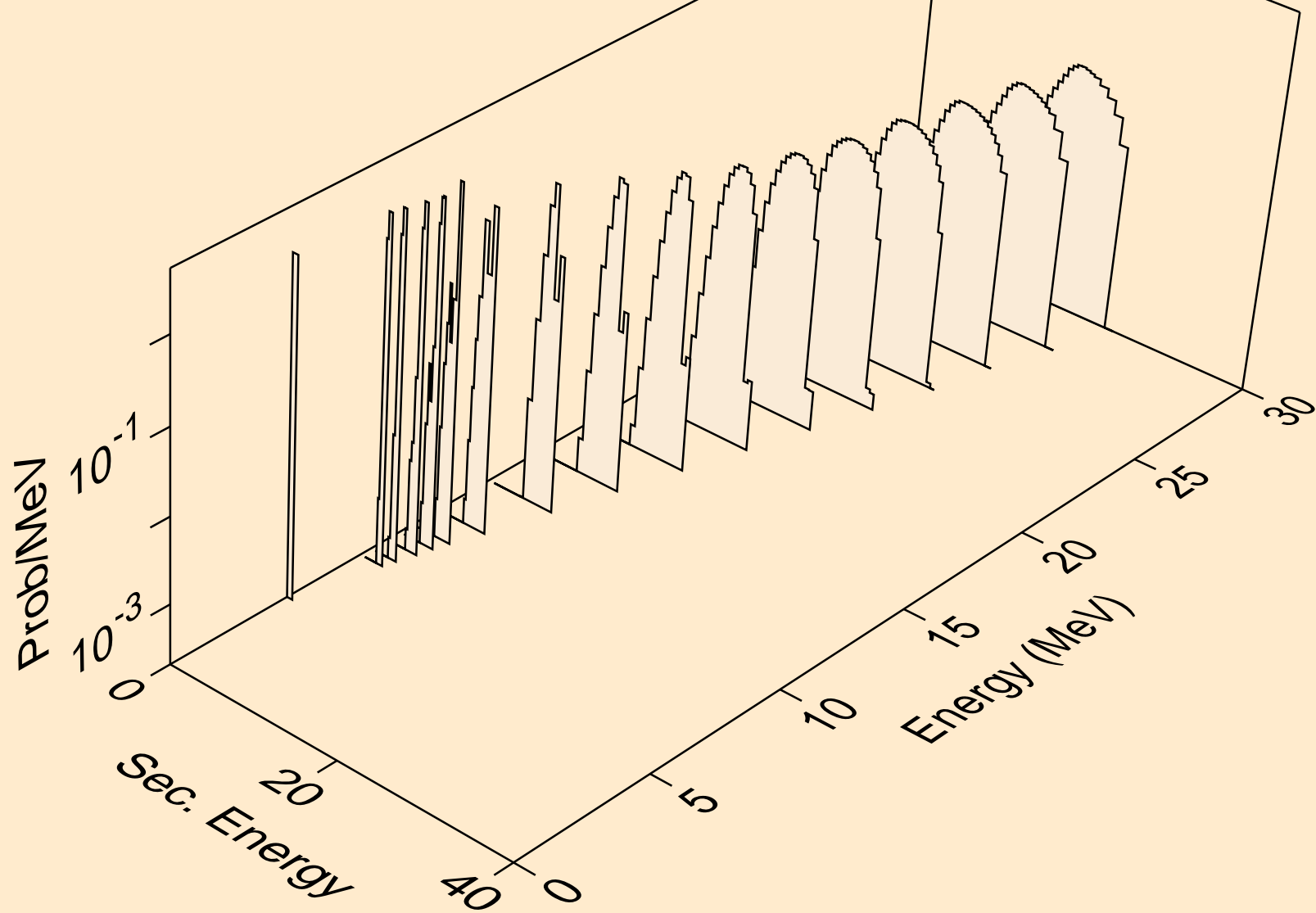
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

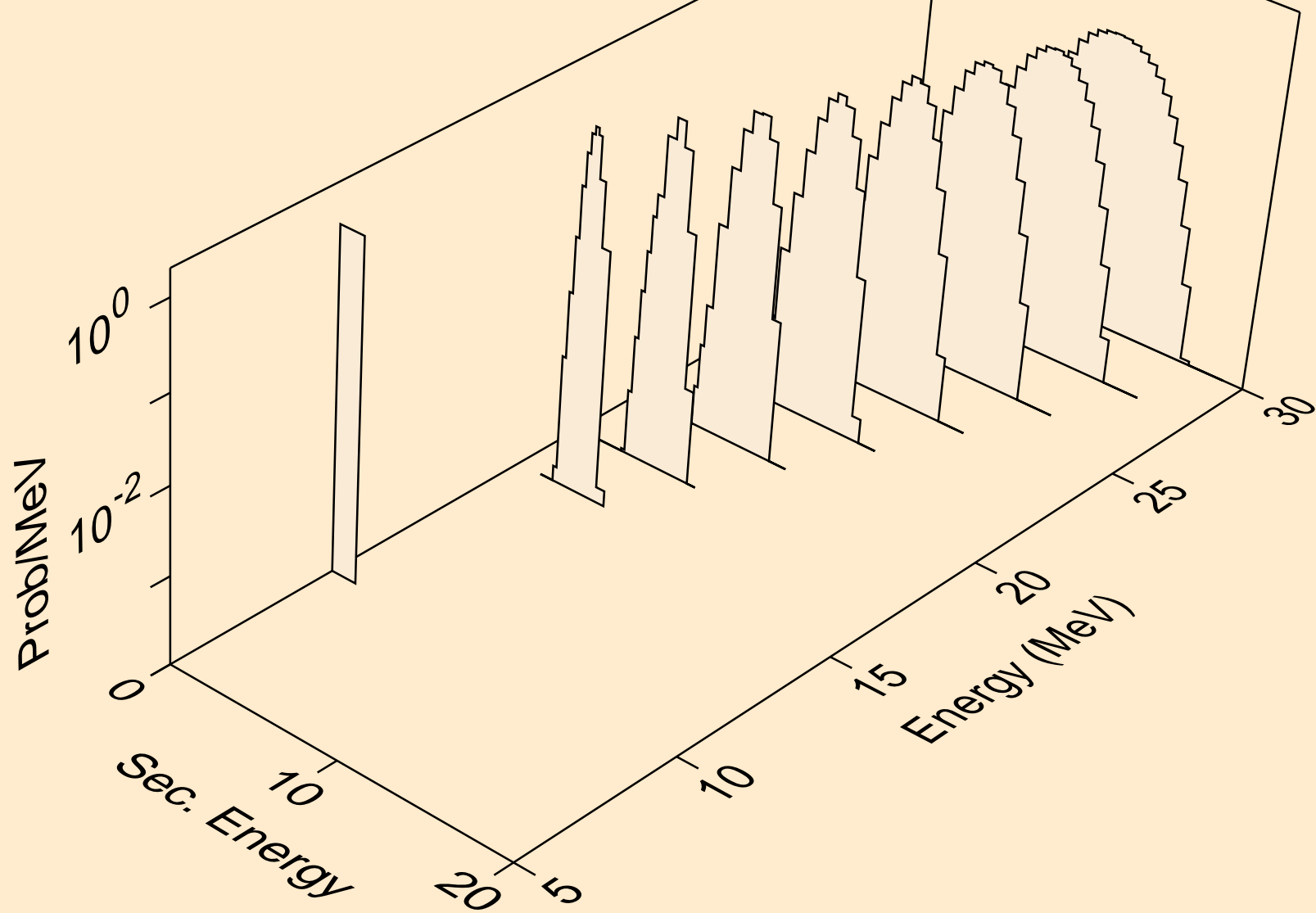


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tritons from (n,t)

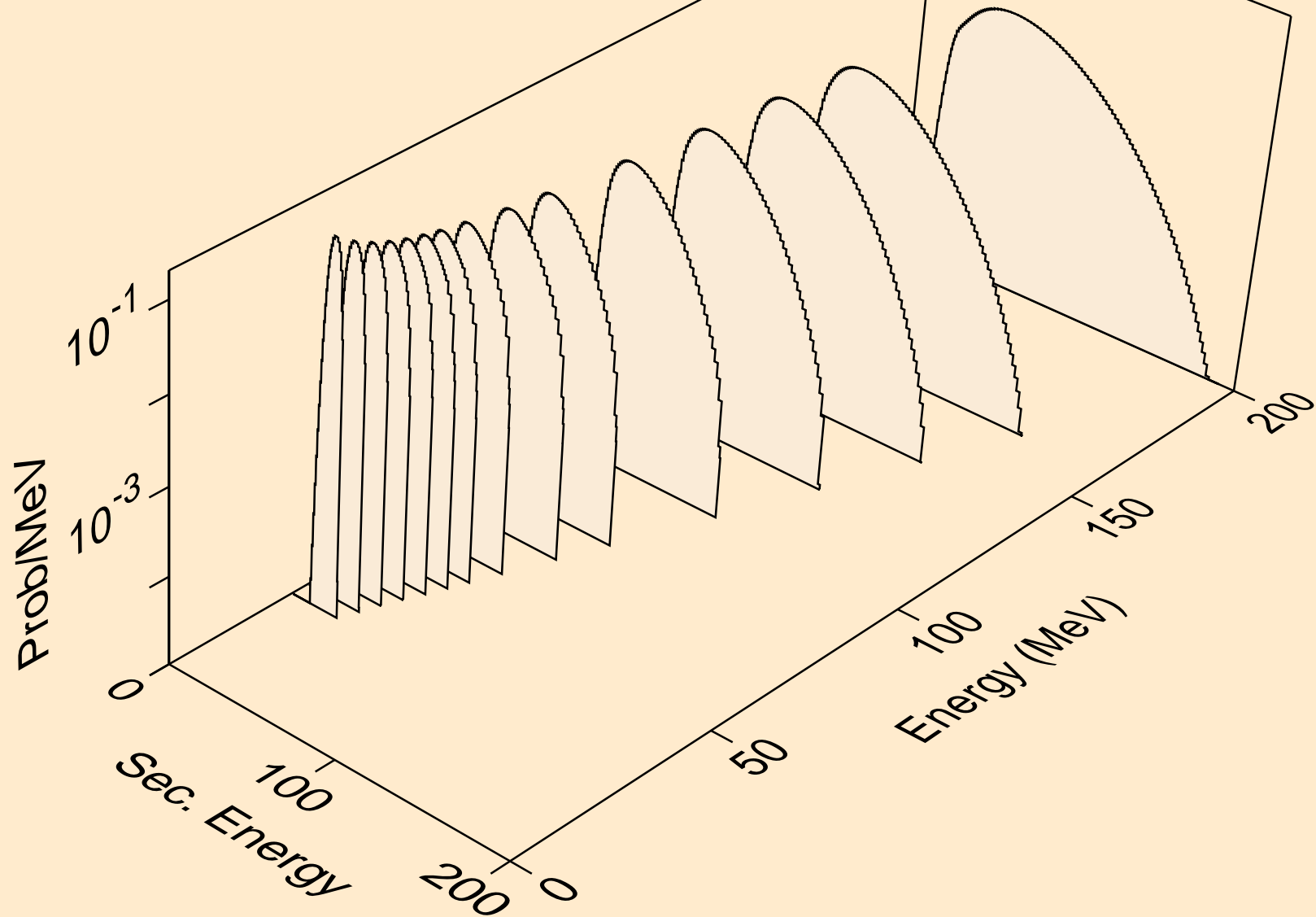




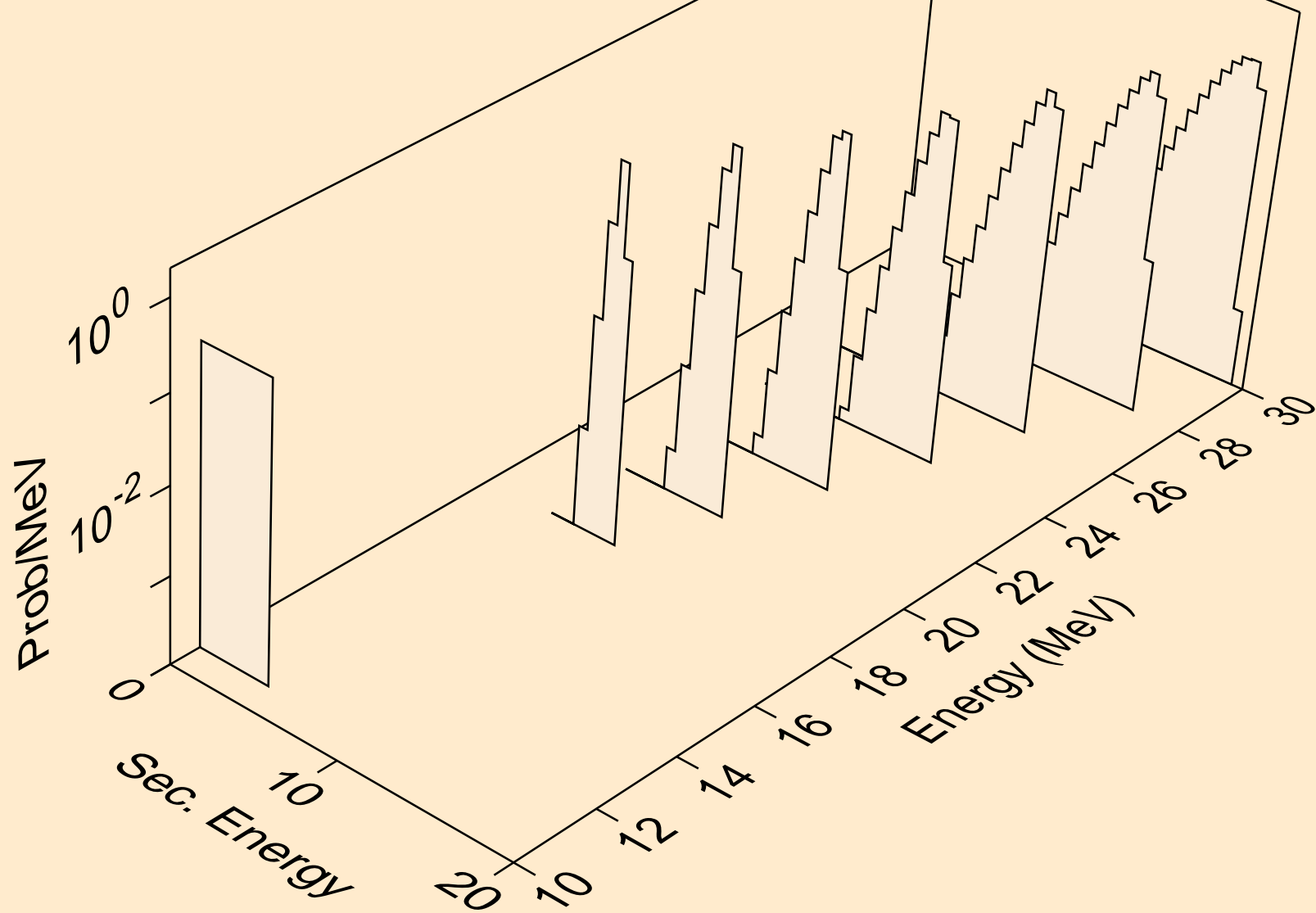
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tritons from (n,pt)



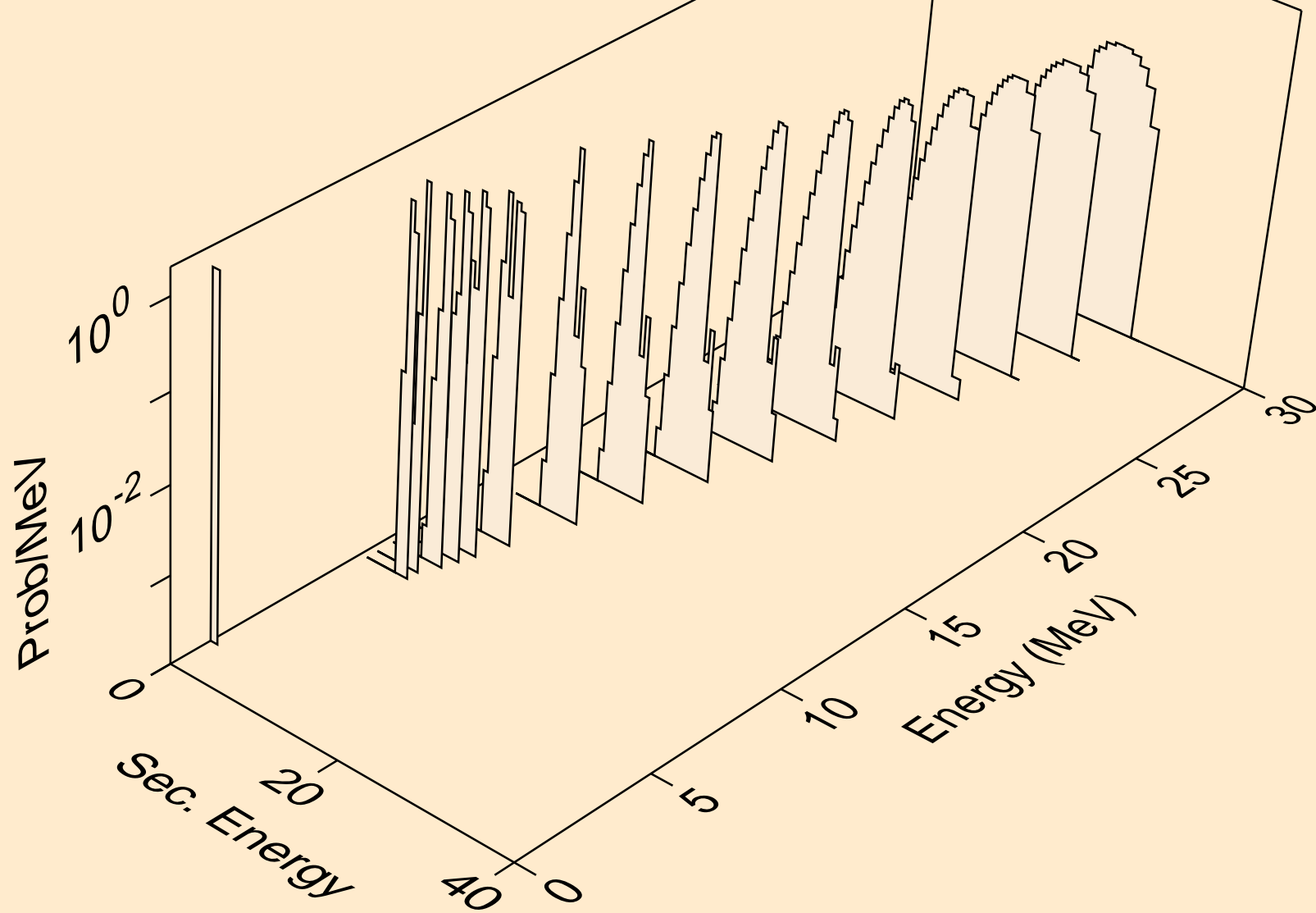
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



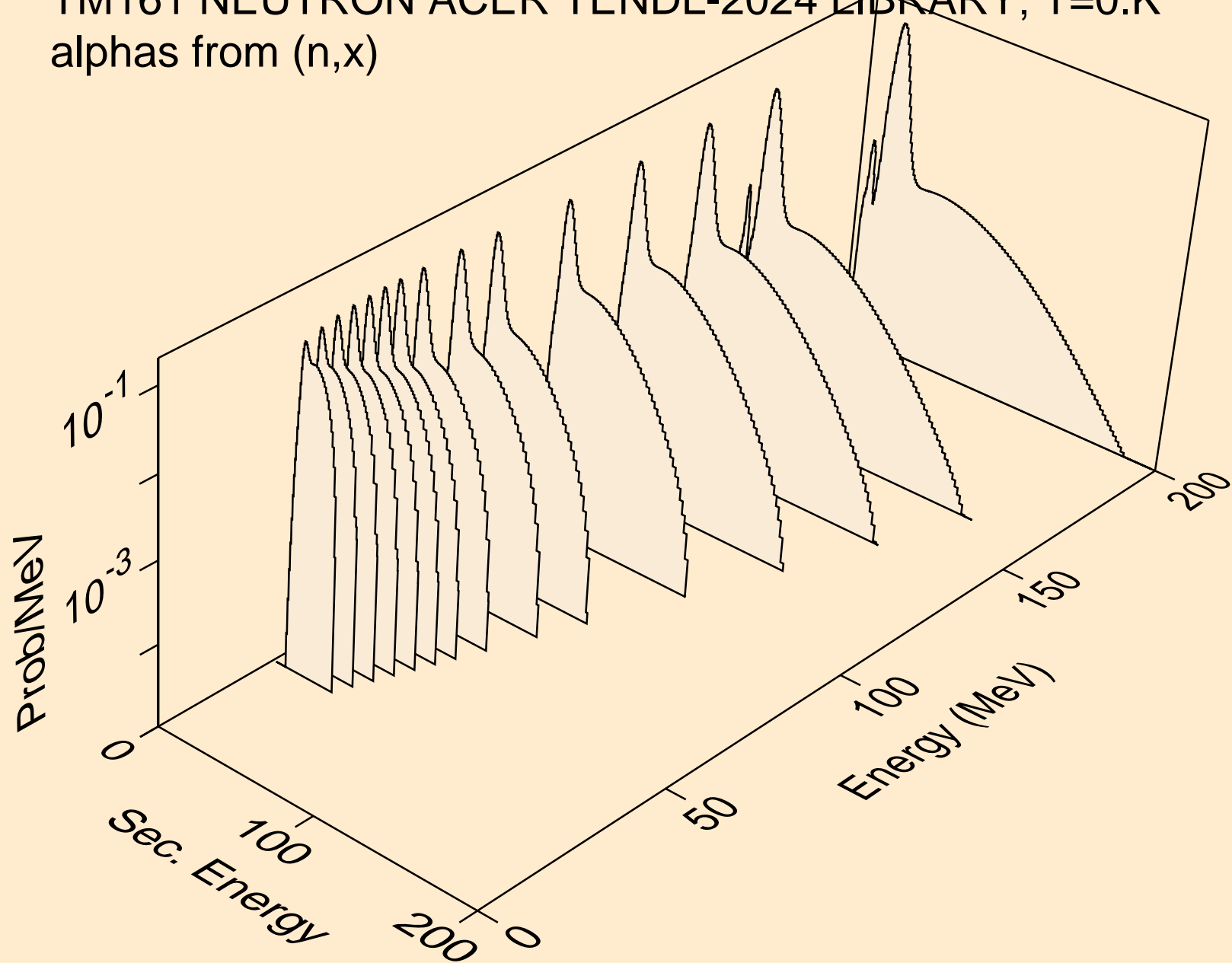
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



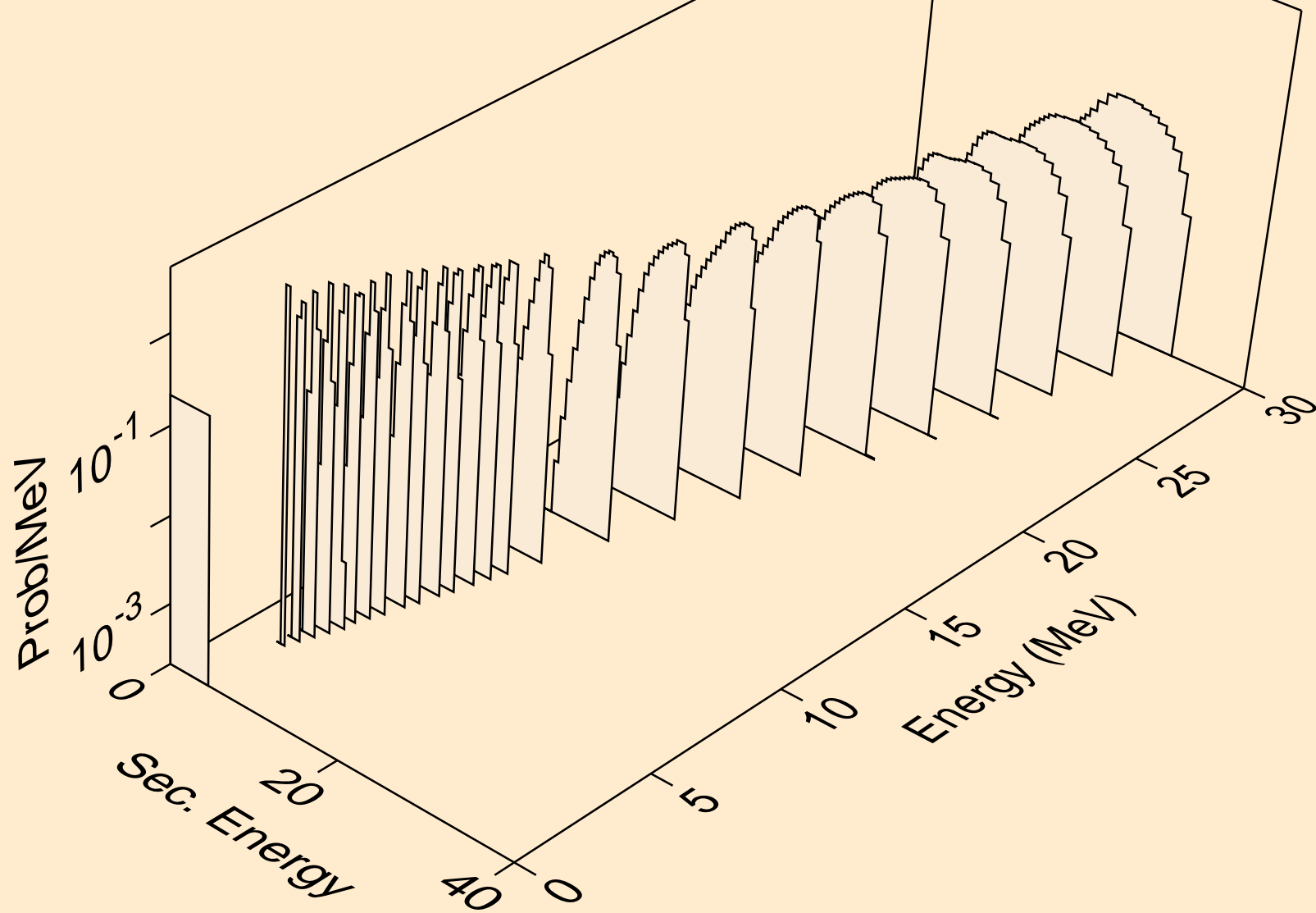
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he3s from (n,he3)



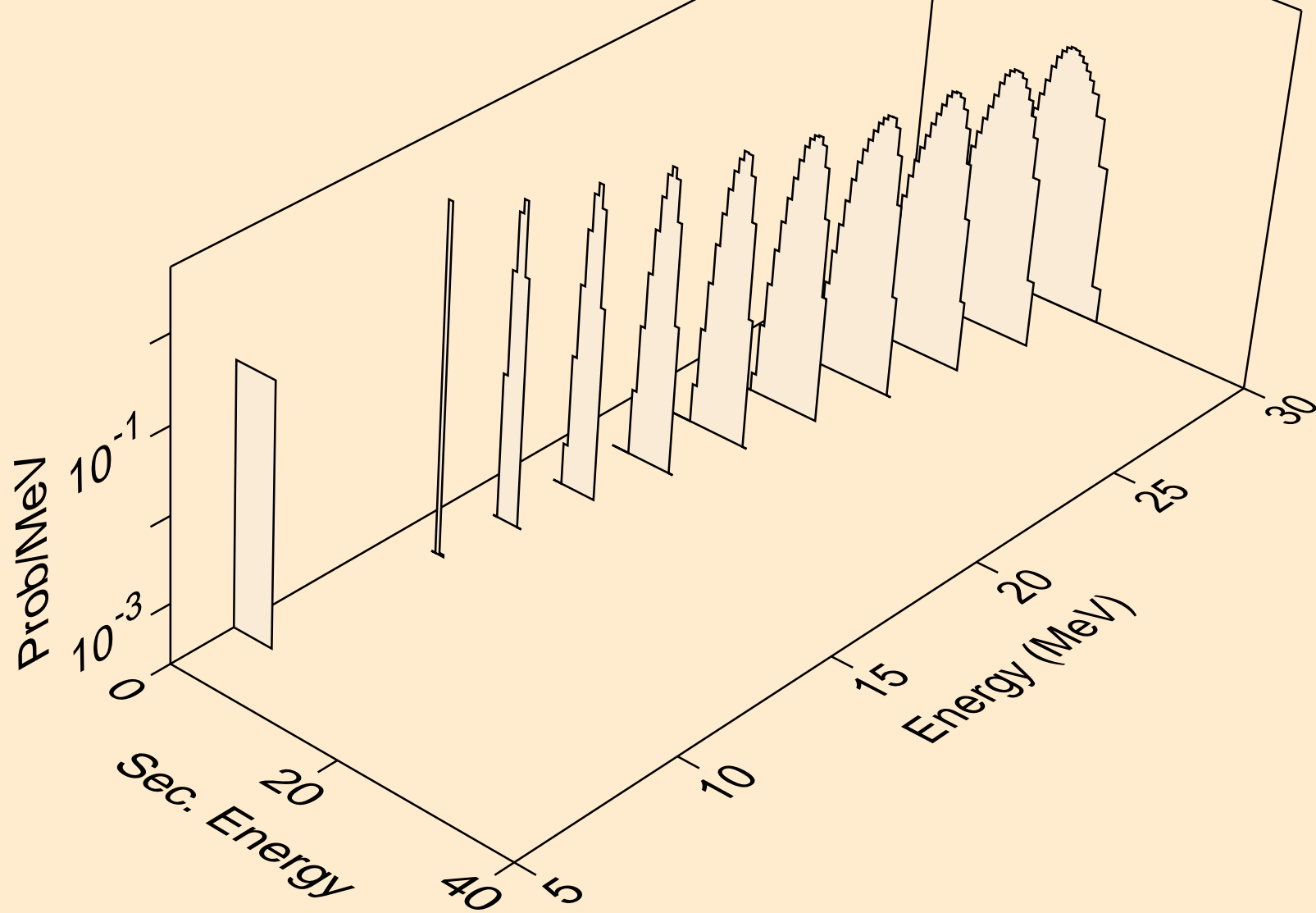
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alphas from (n,x)



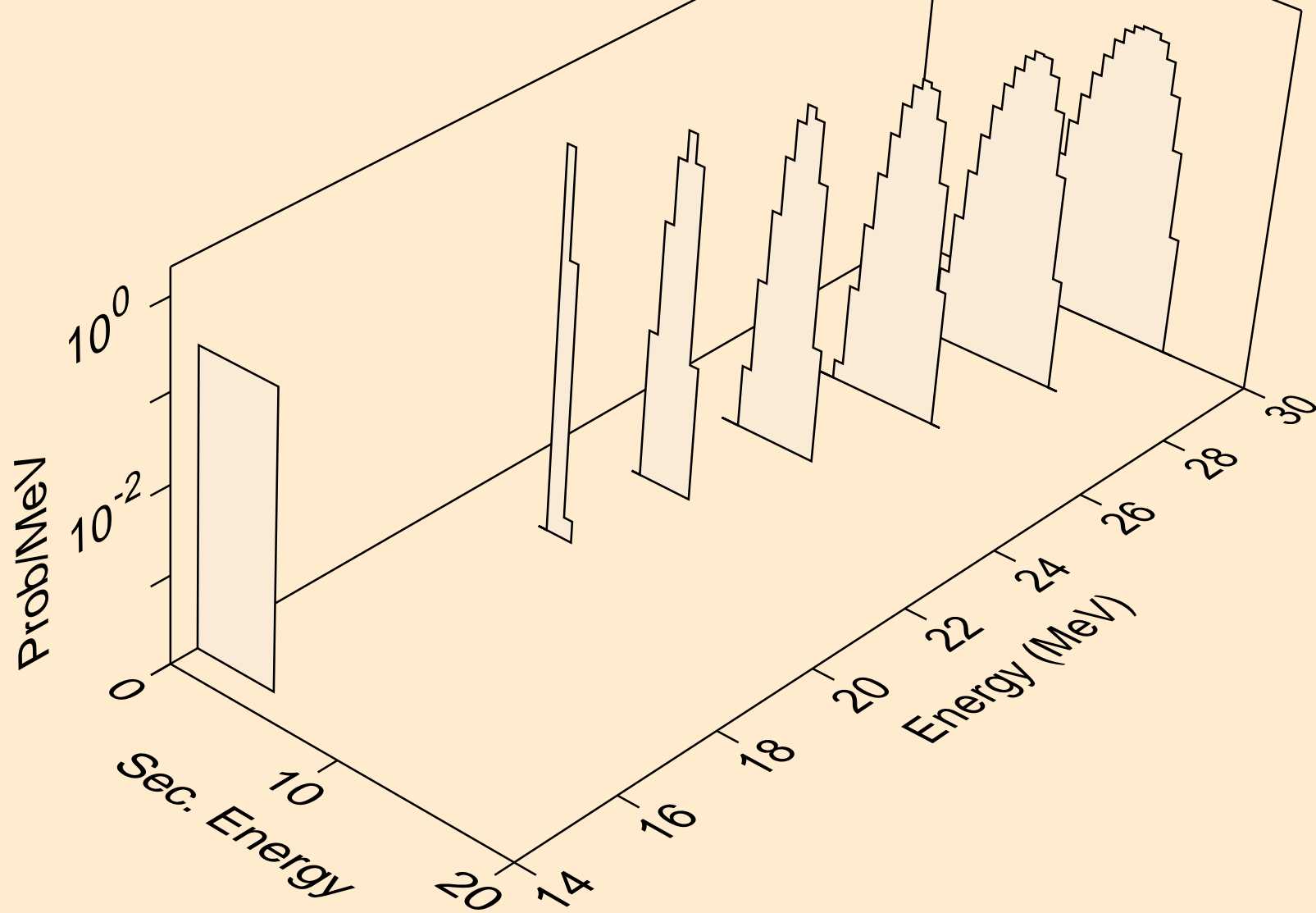
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

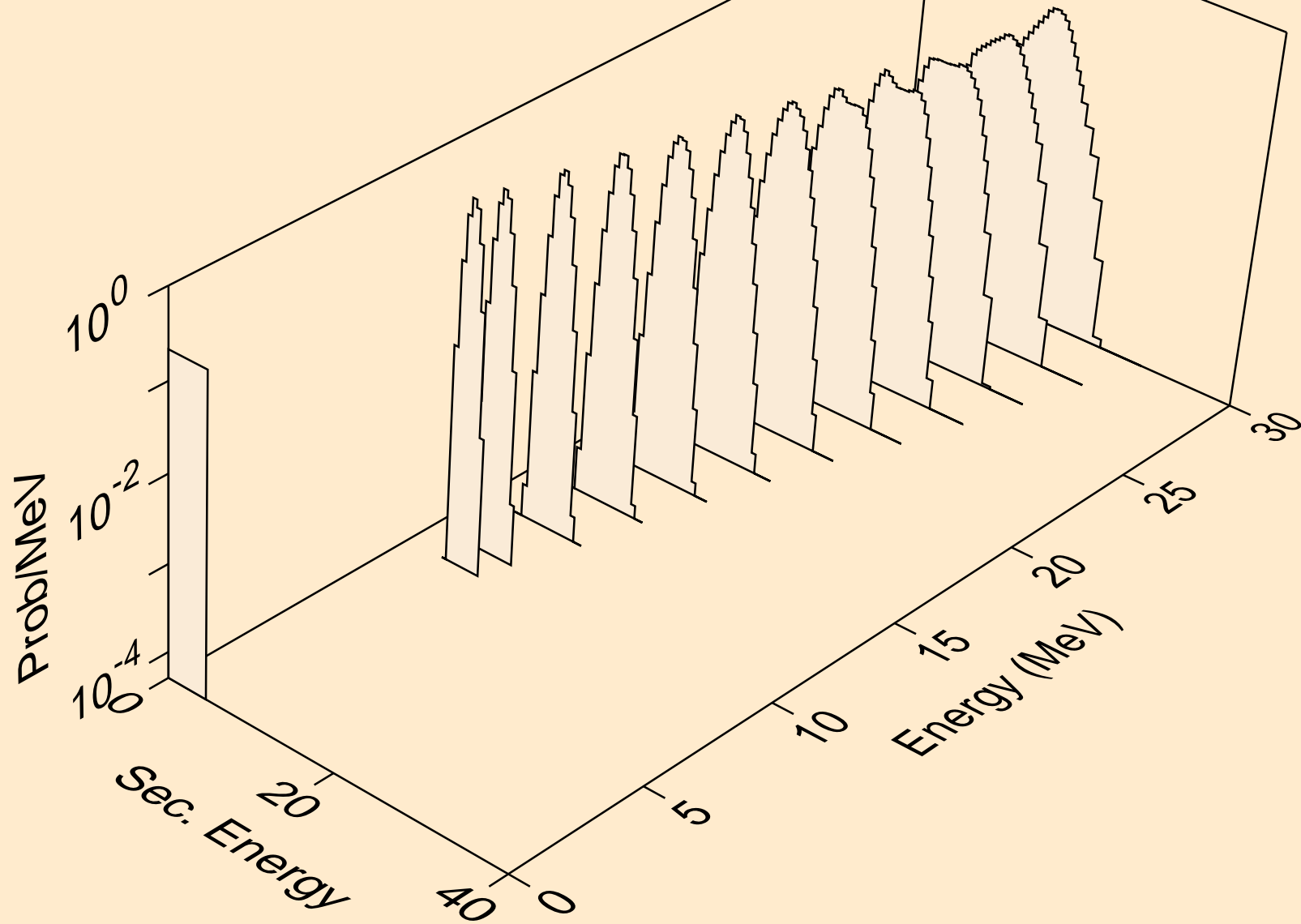


TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

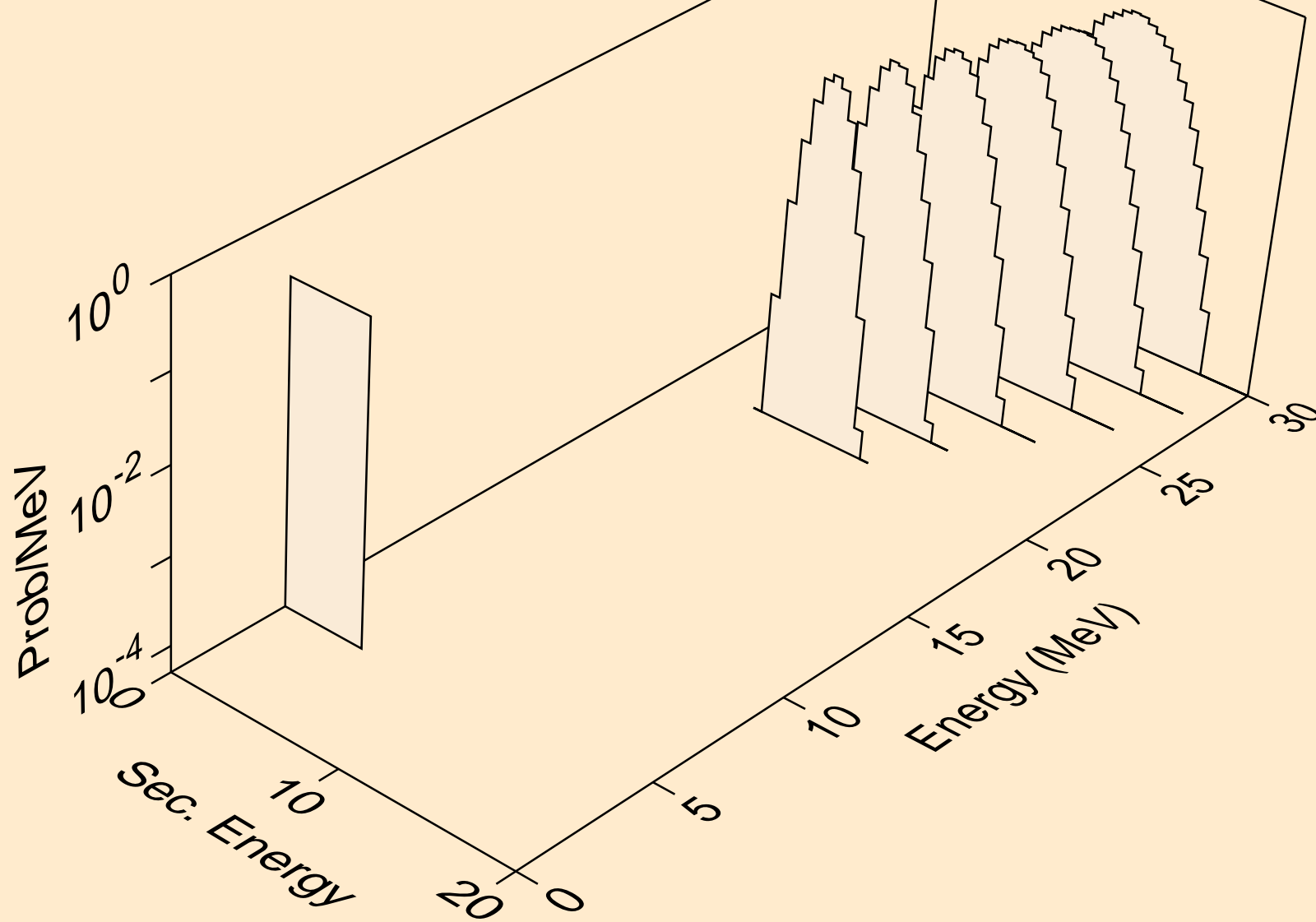




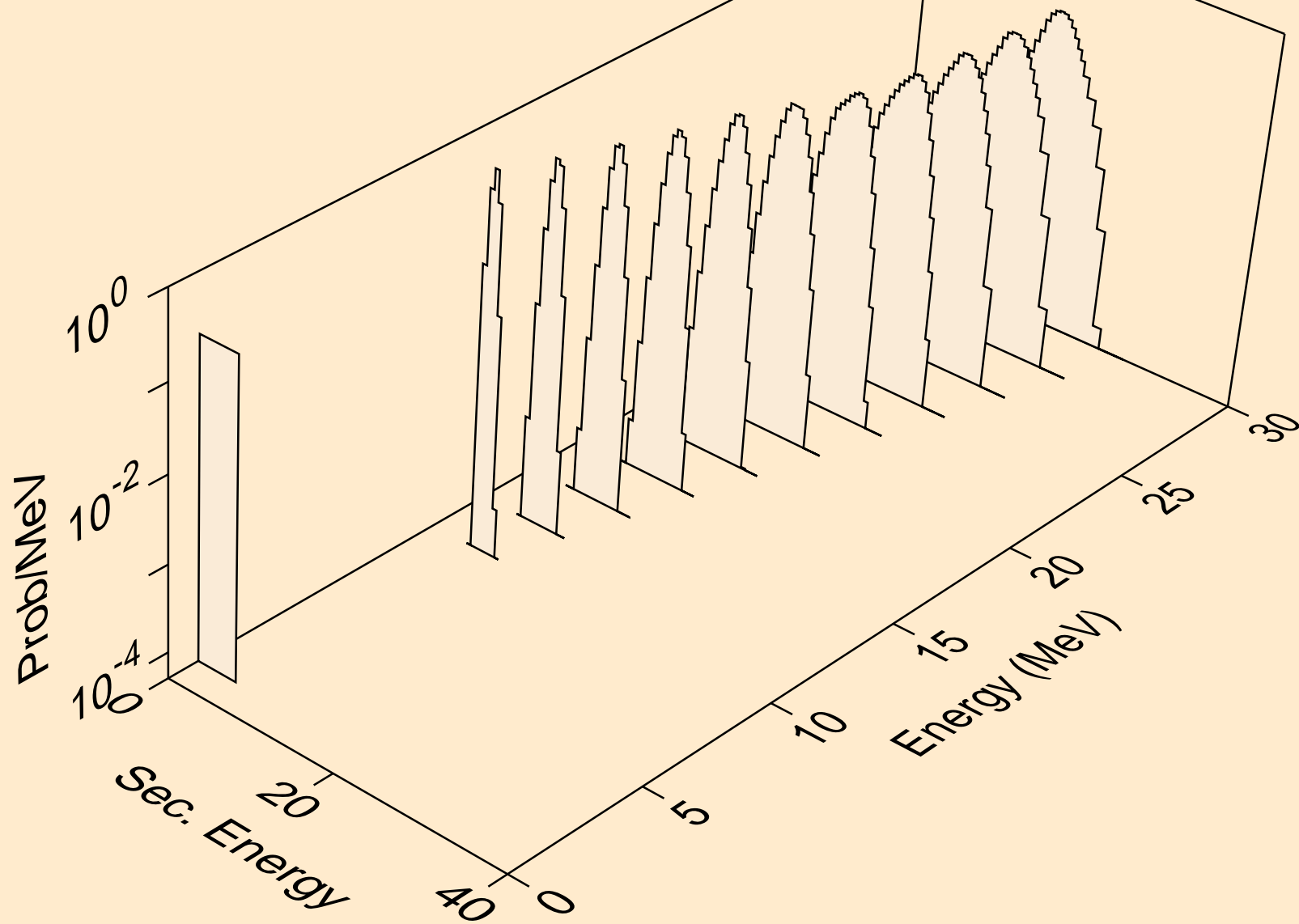
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



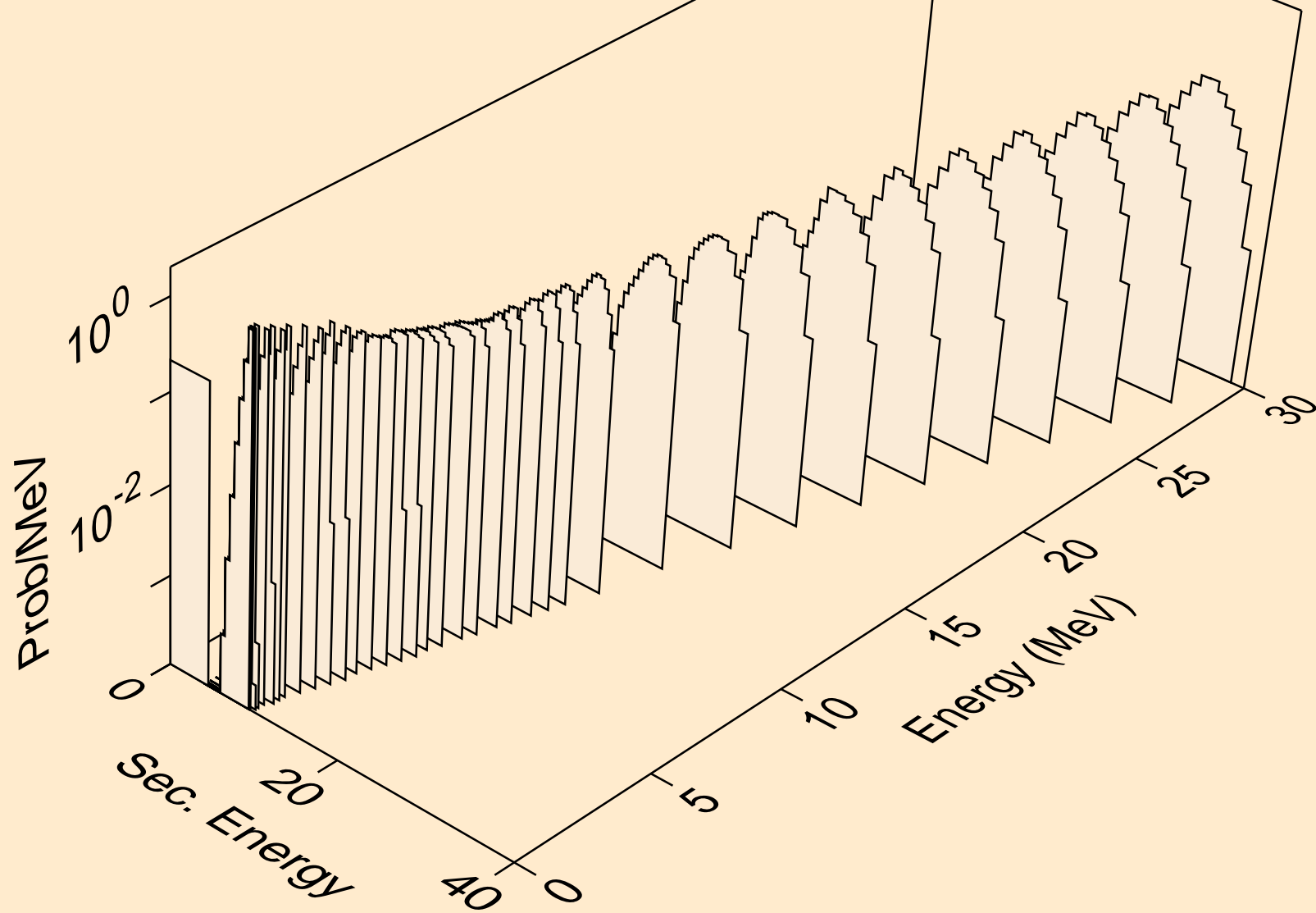
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



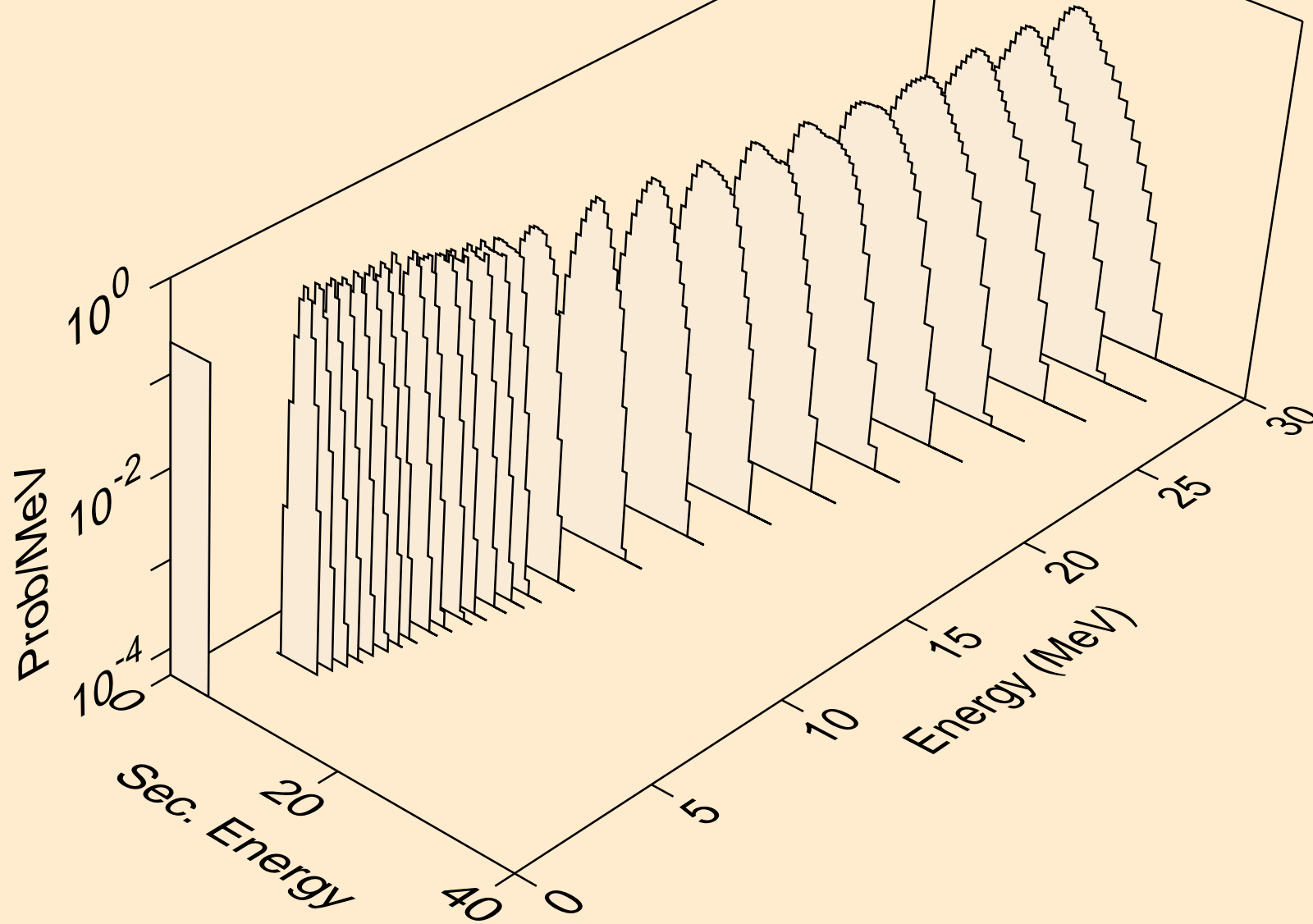
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



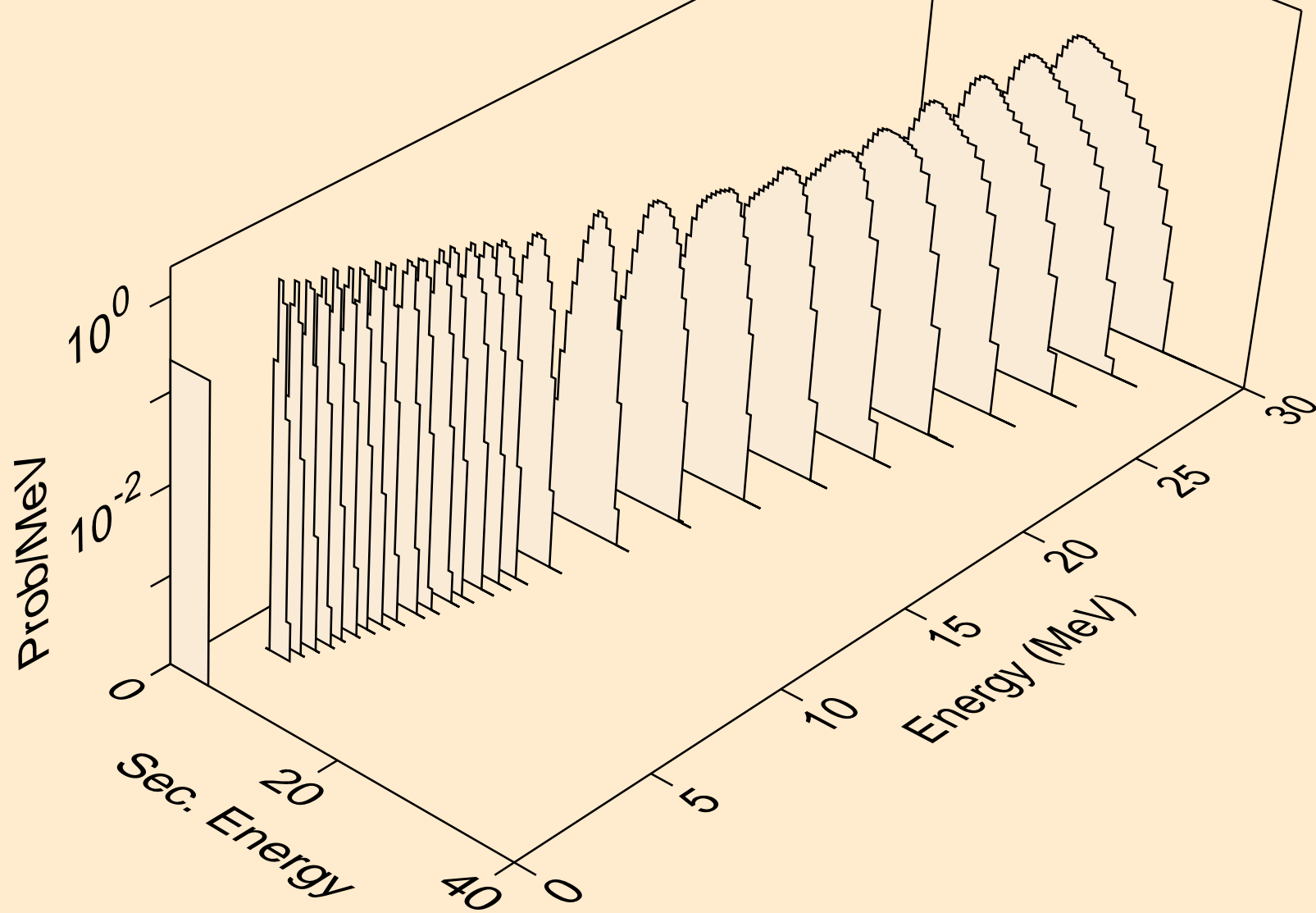
TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TM161 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

