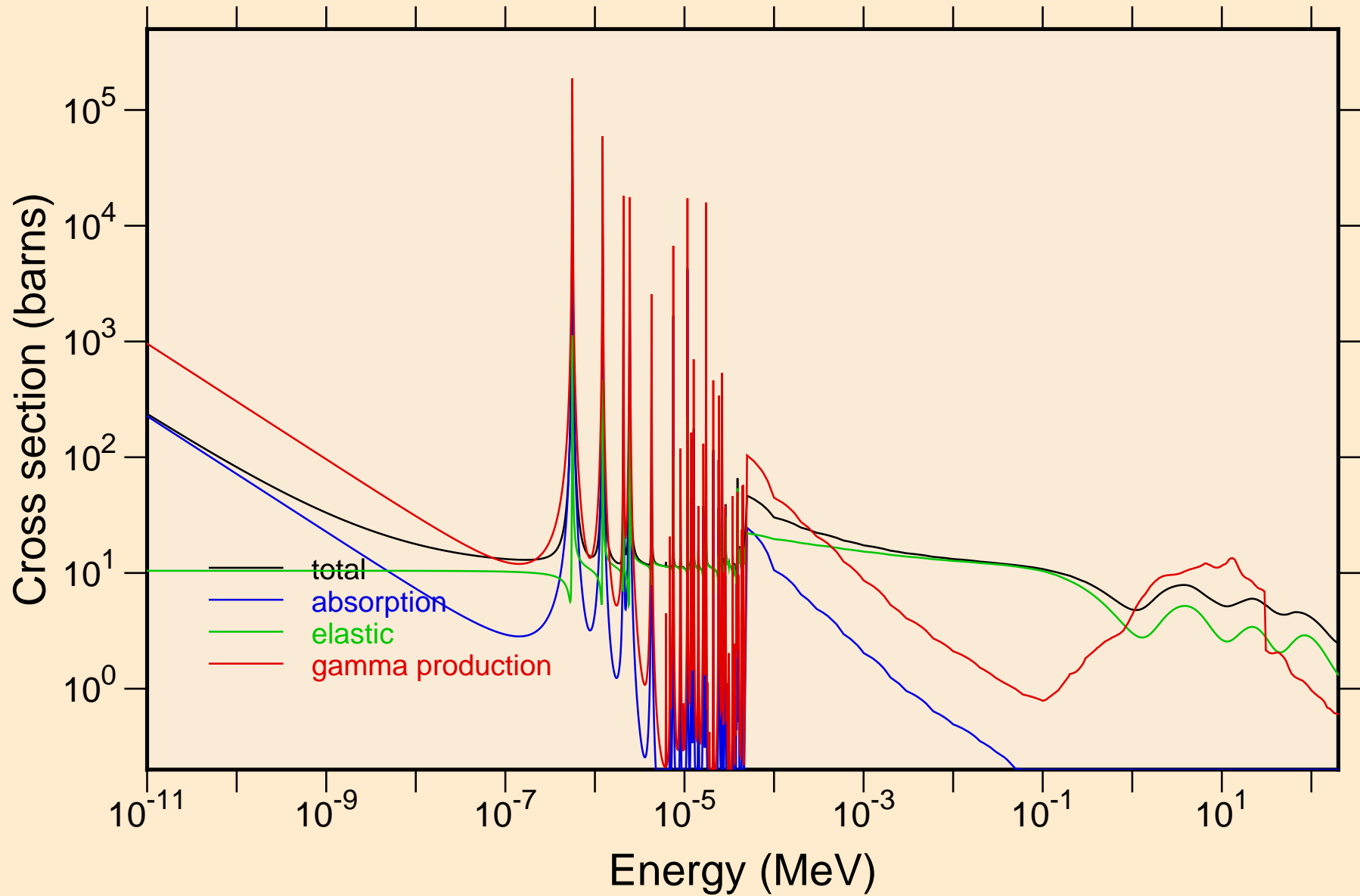
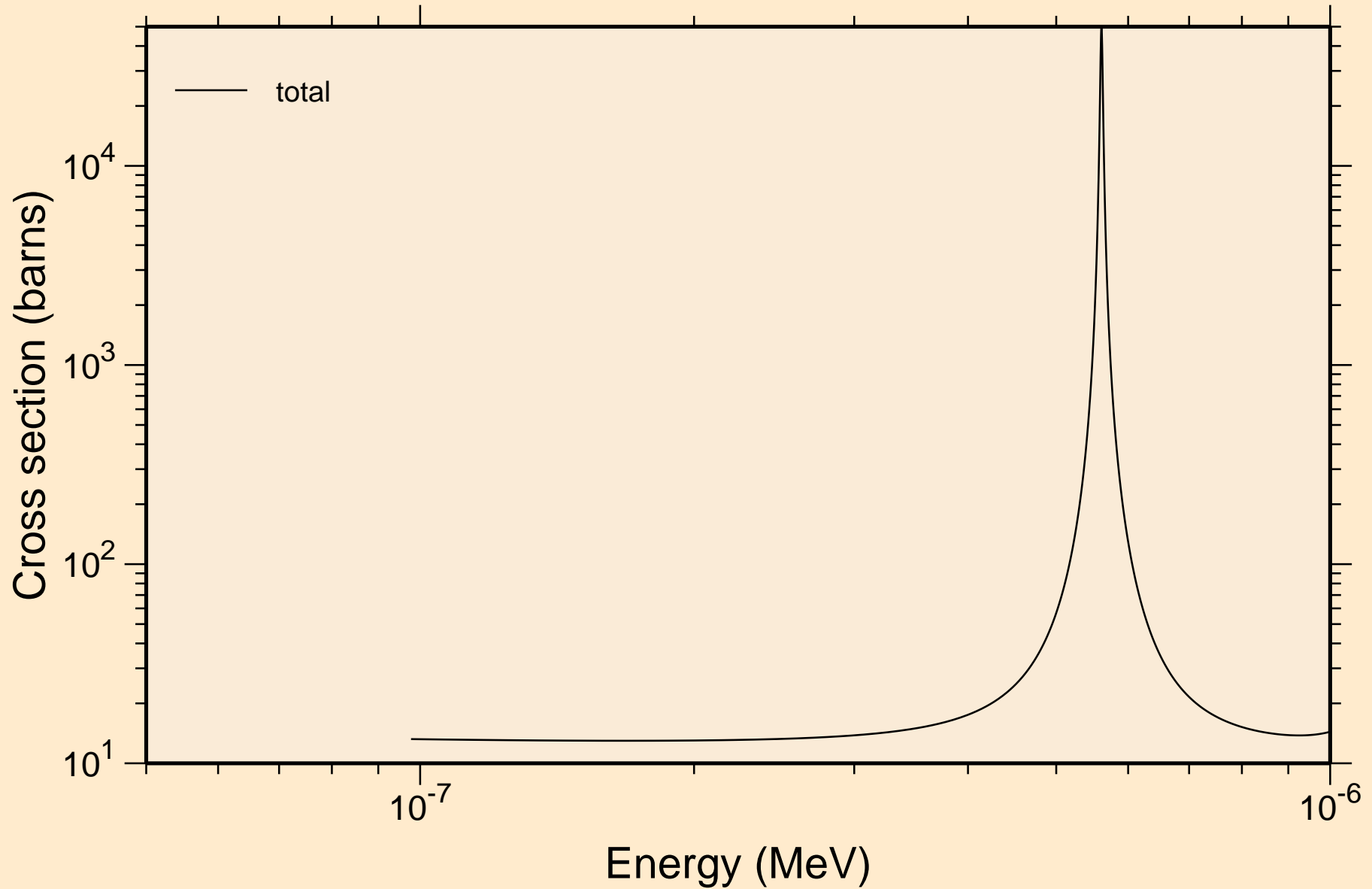


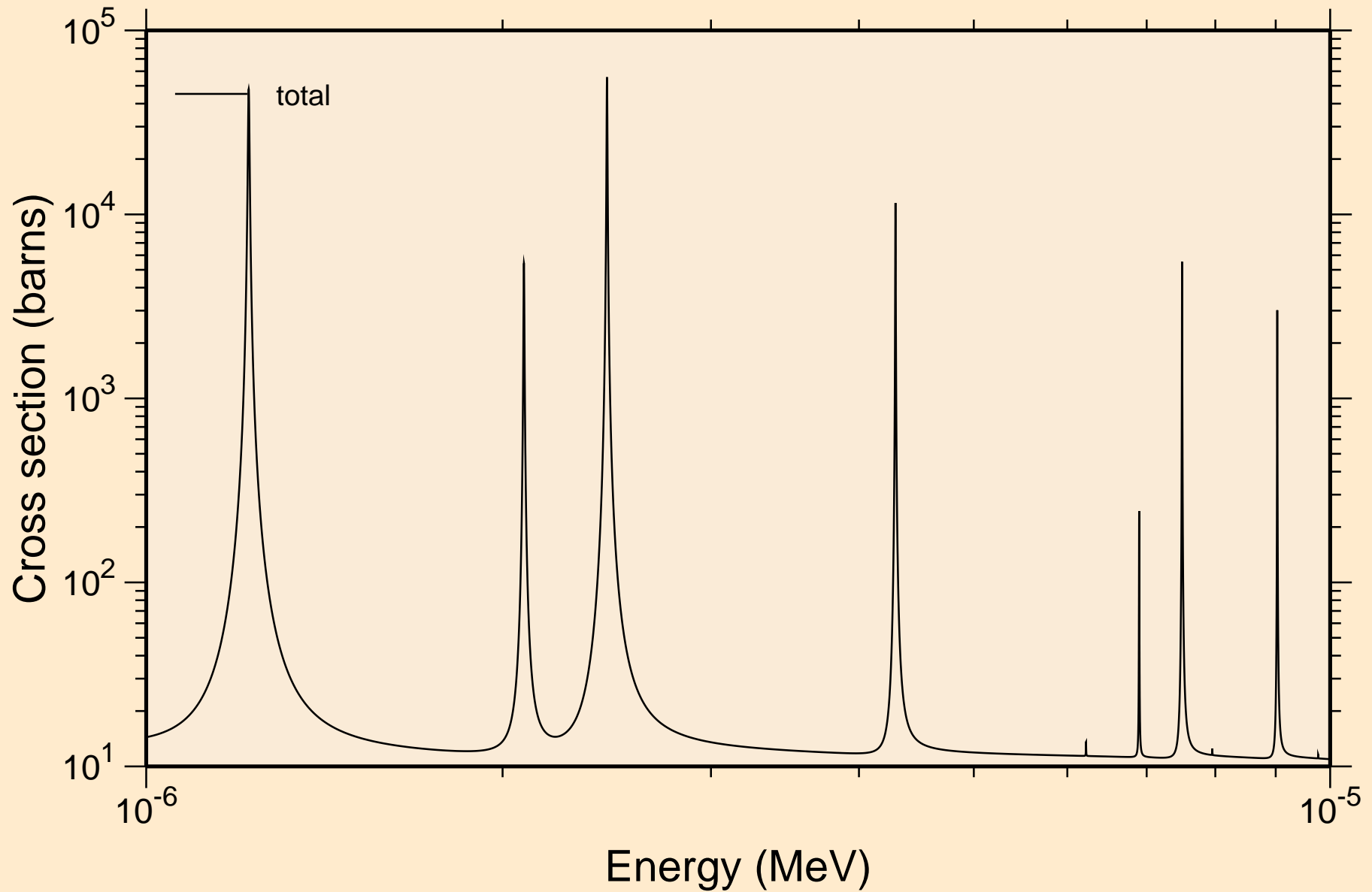
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



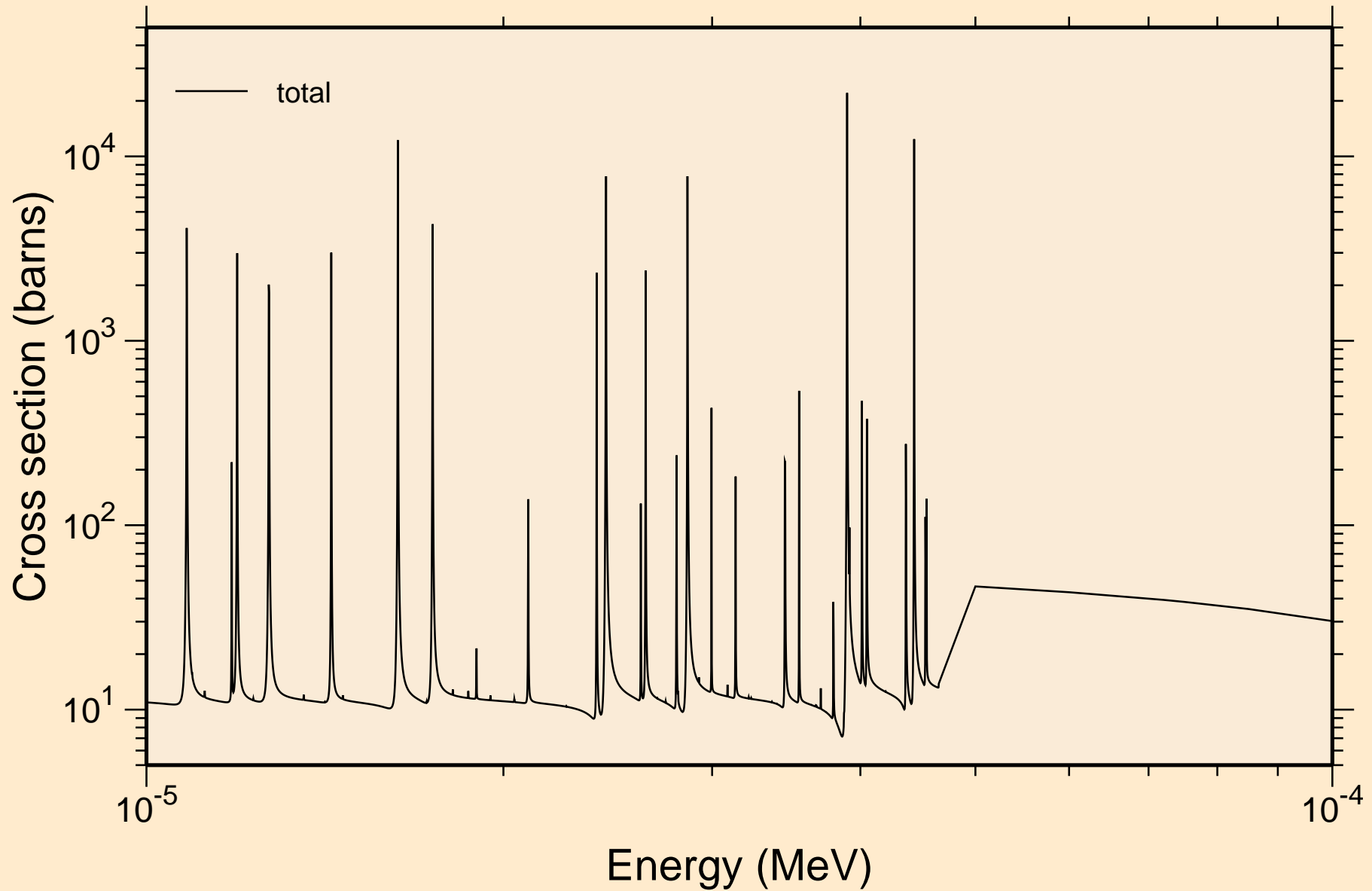
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



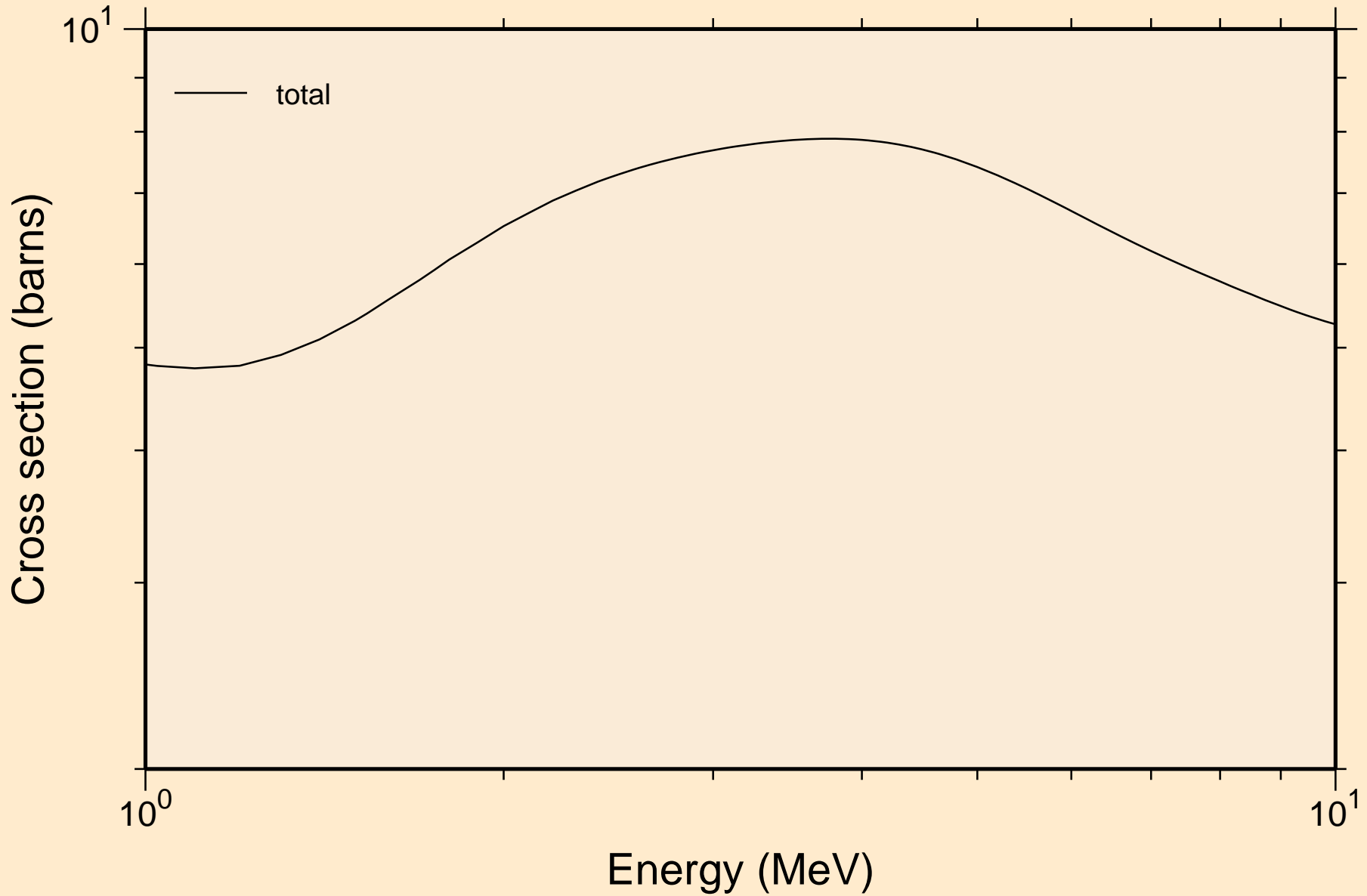
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



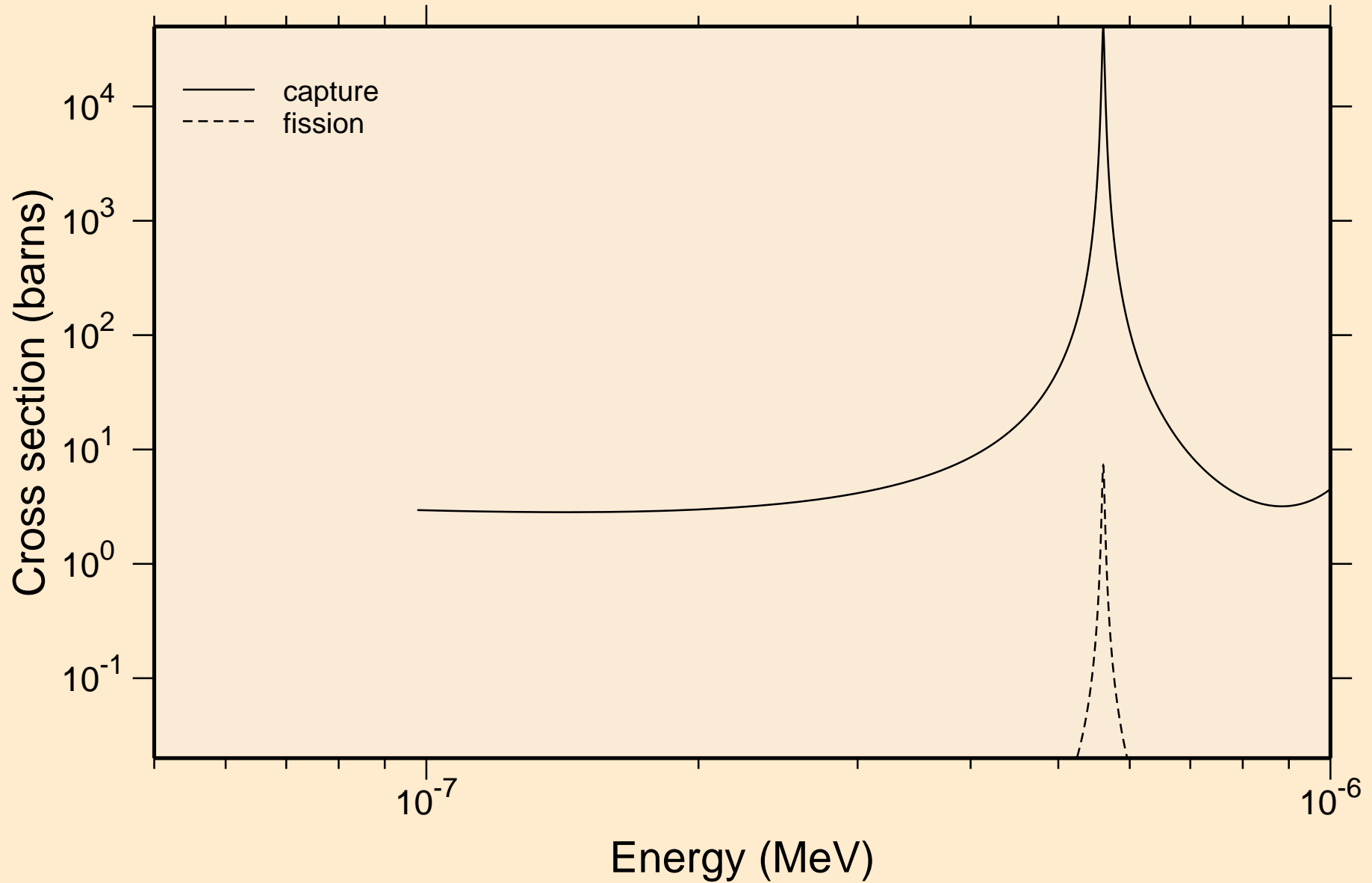
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



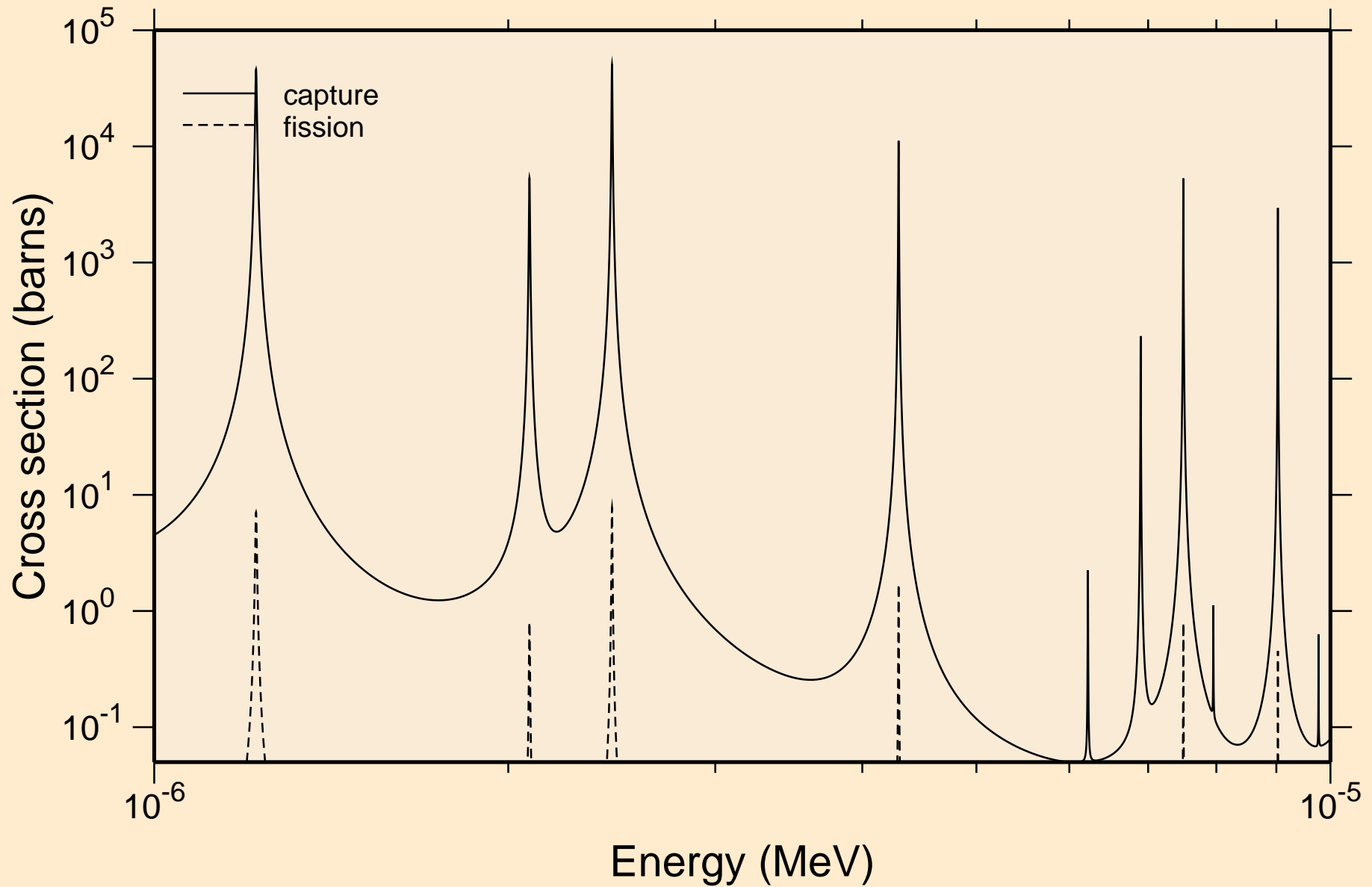
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



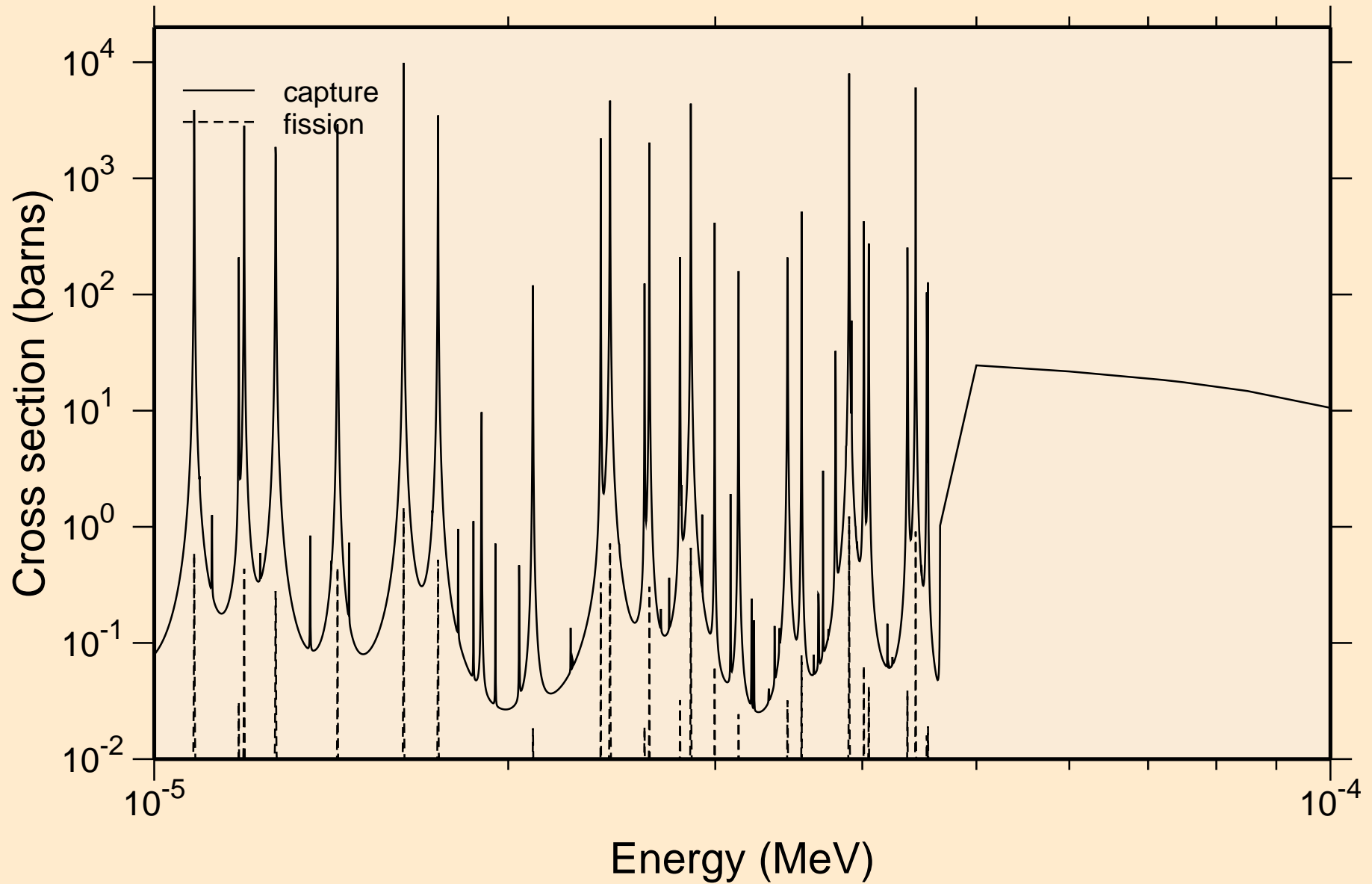
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

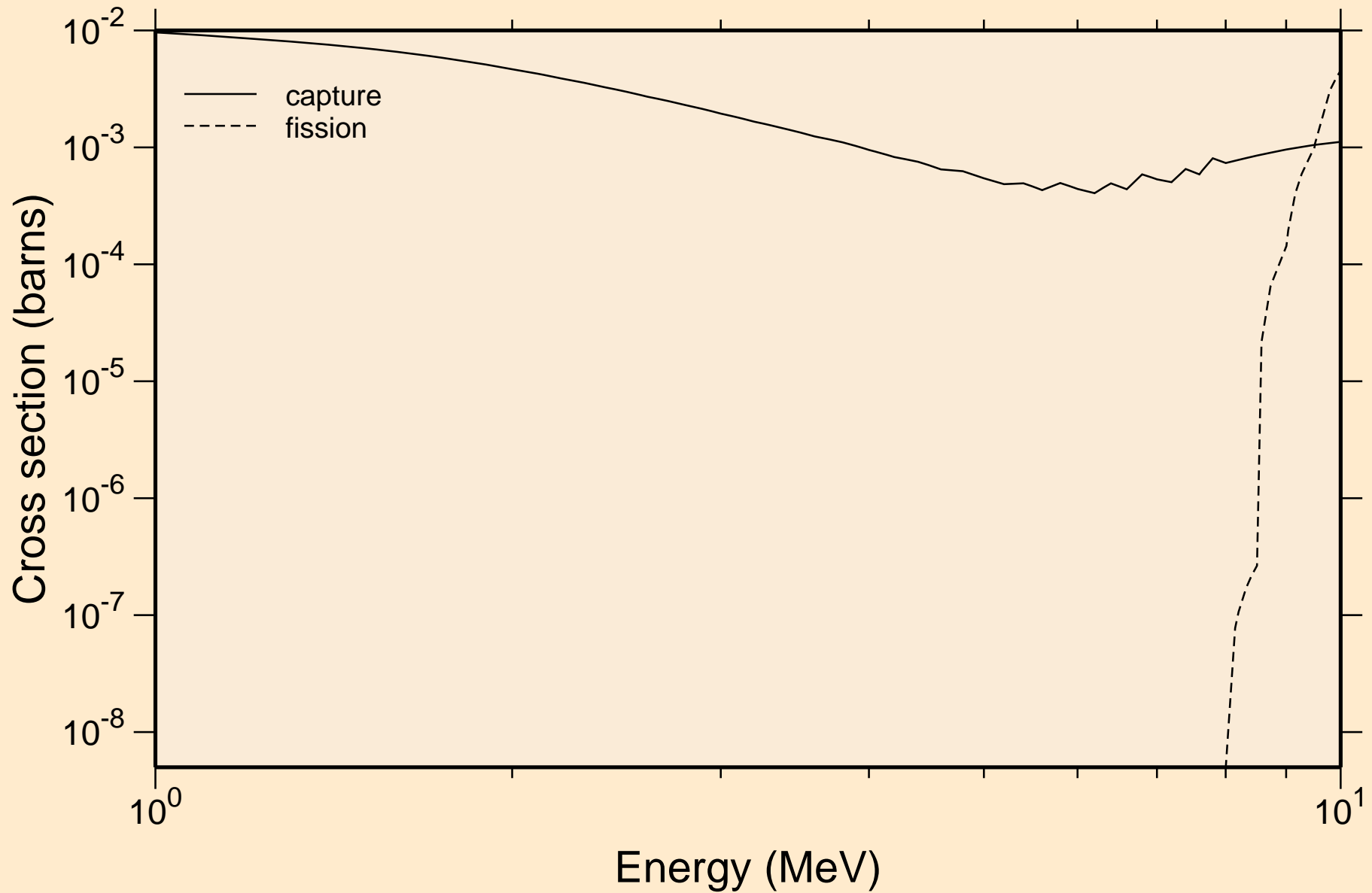


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

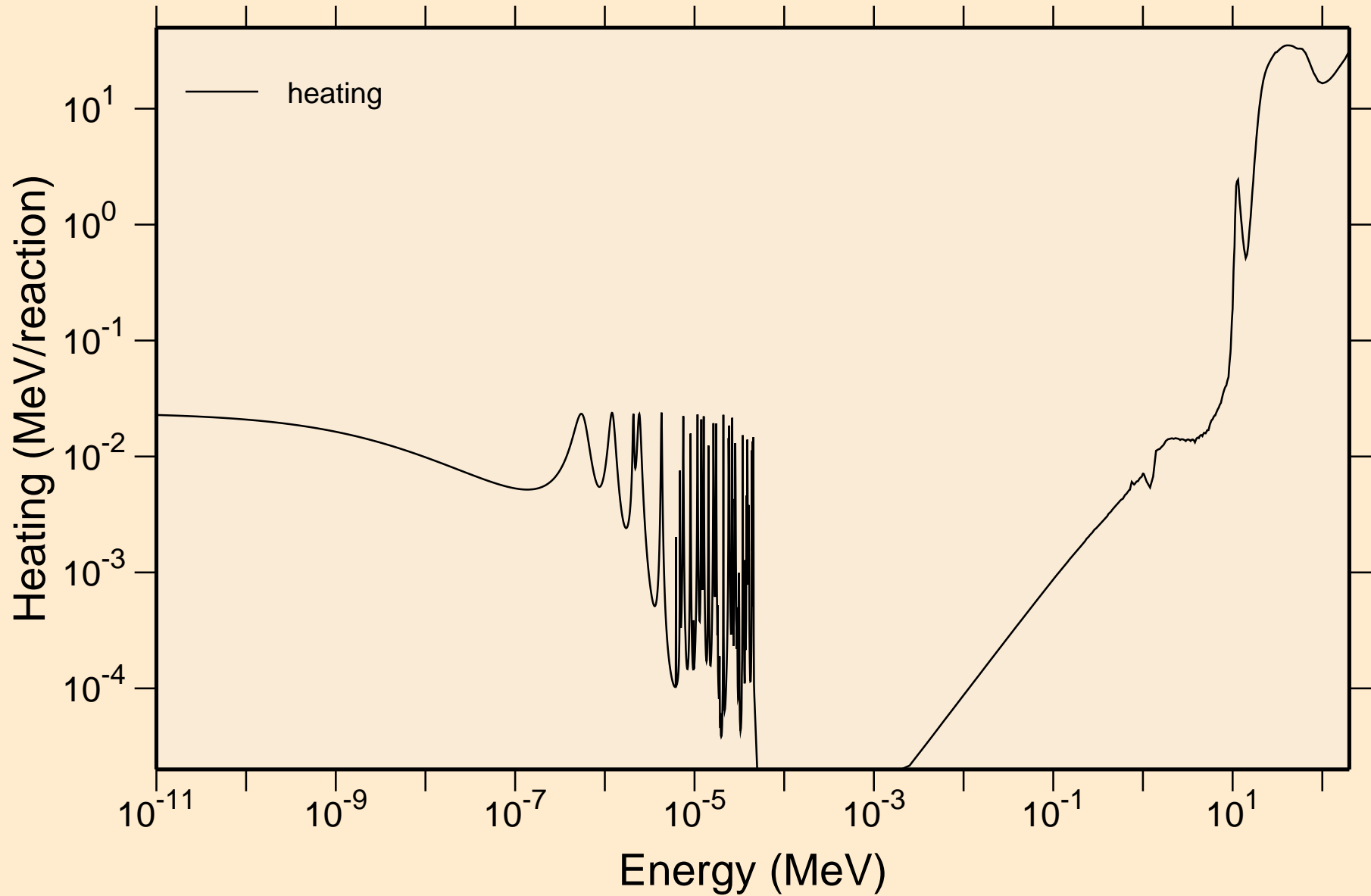




FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

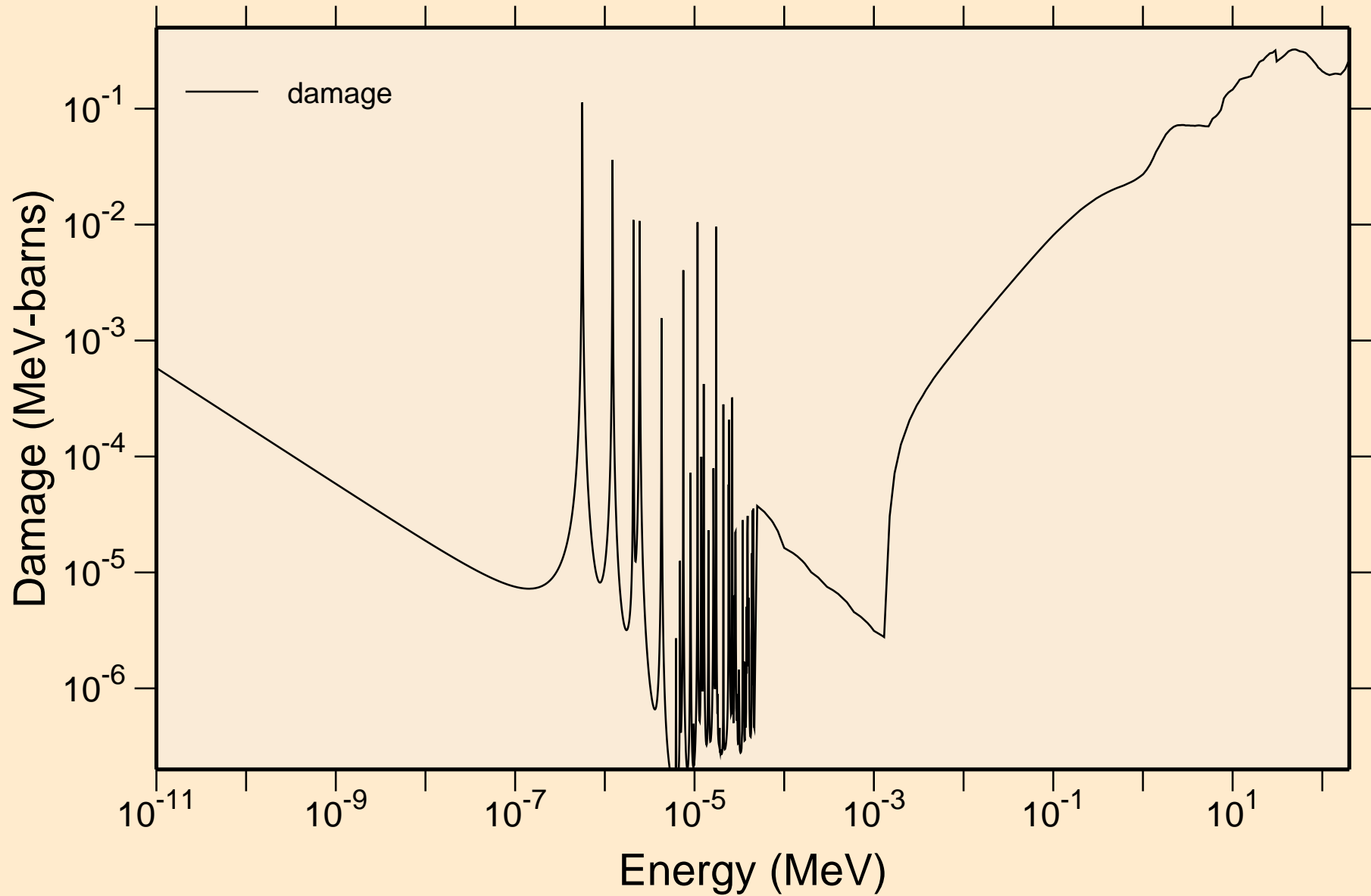


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

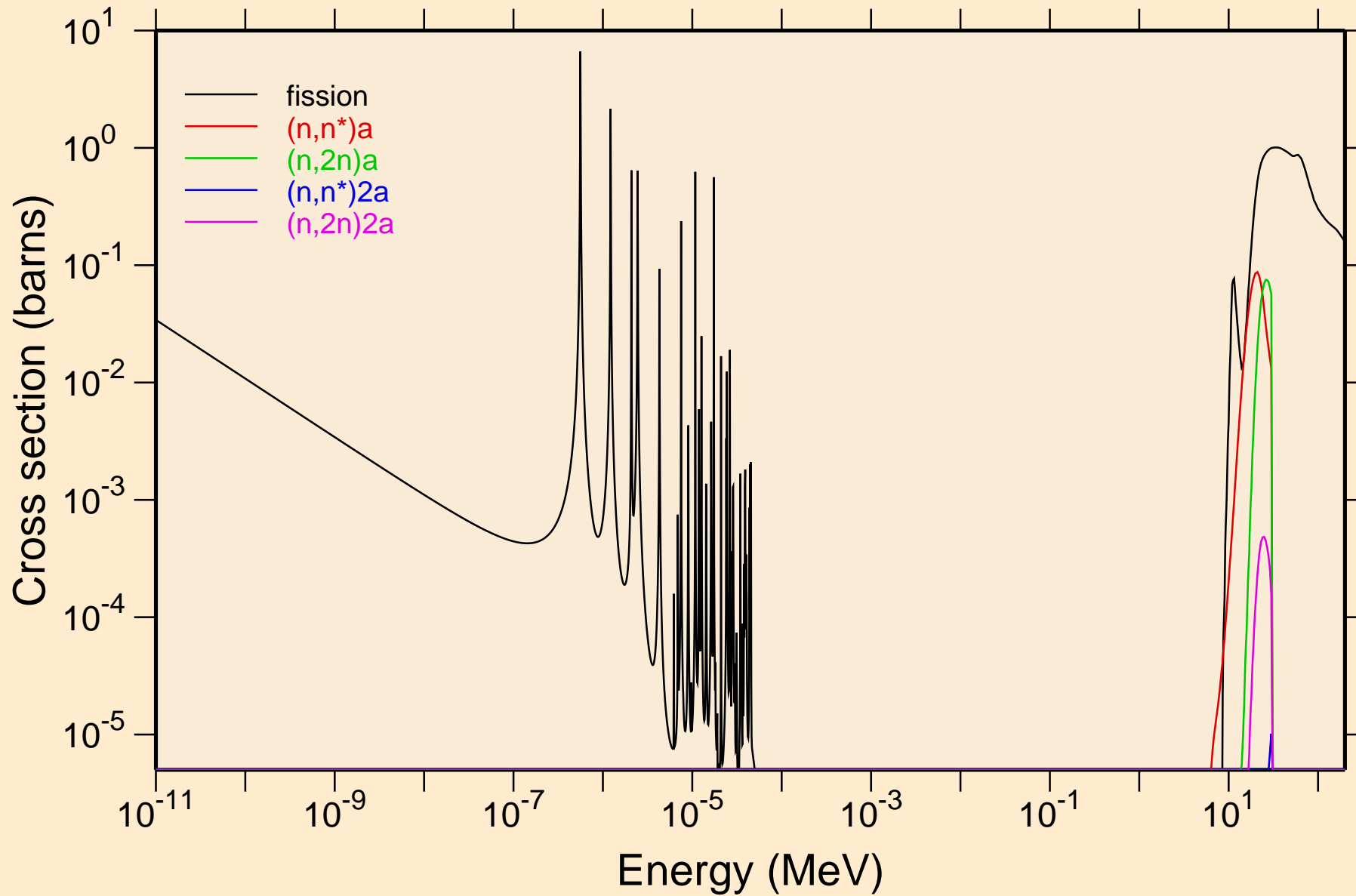


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

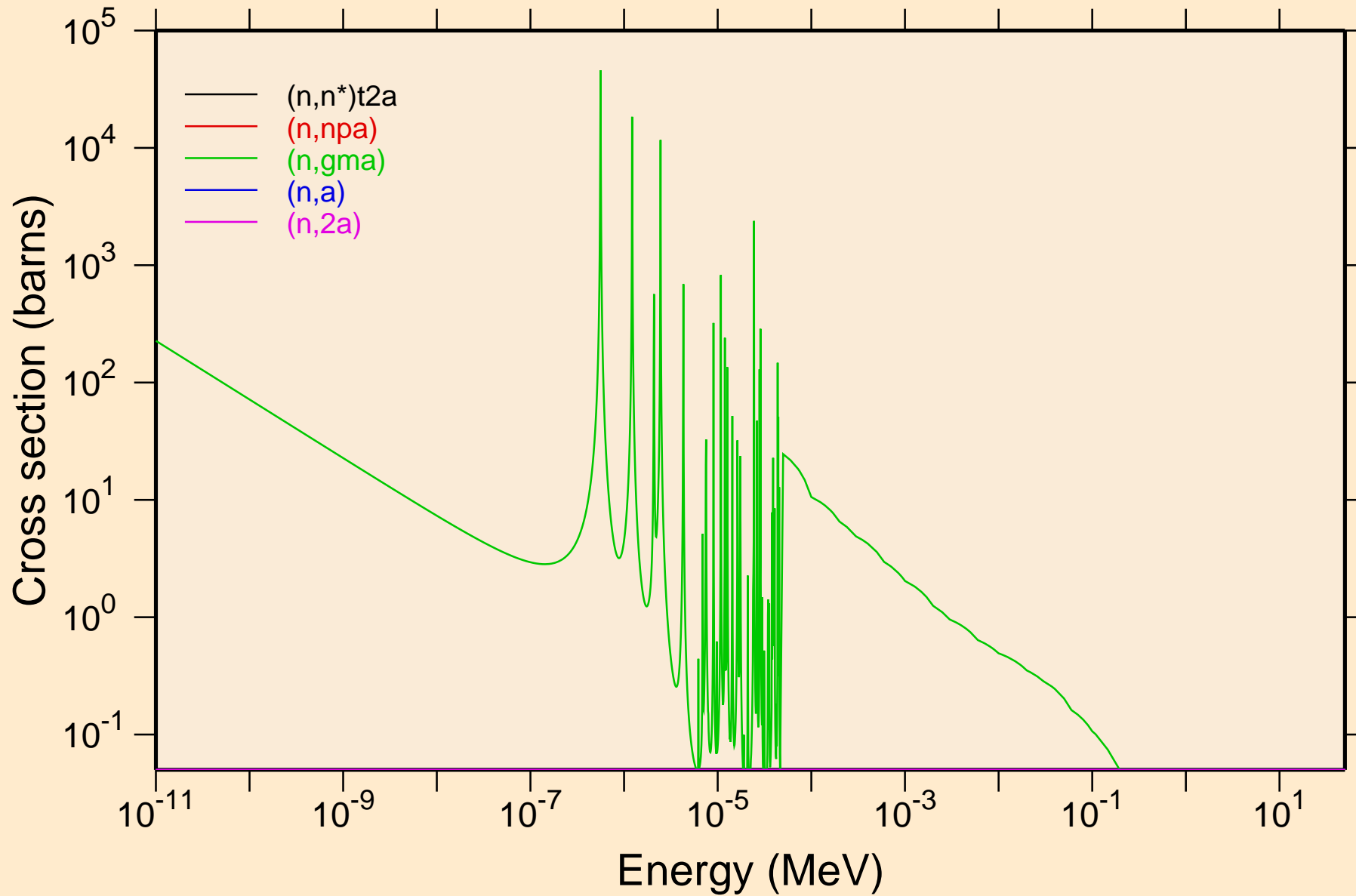


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

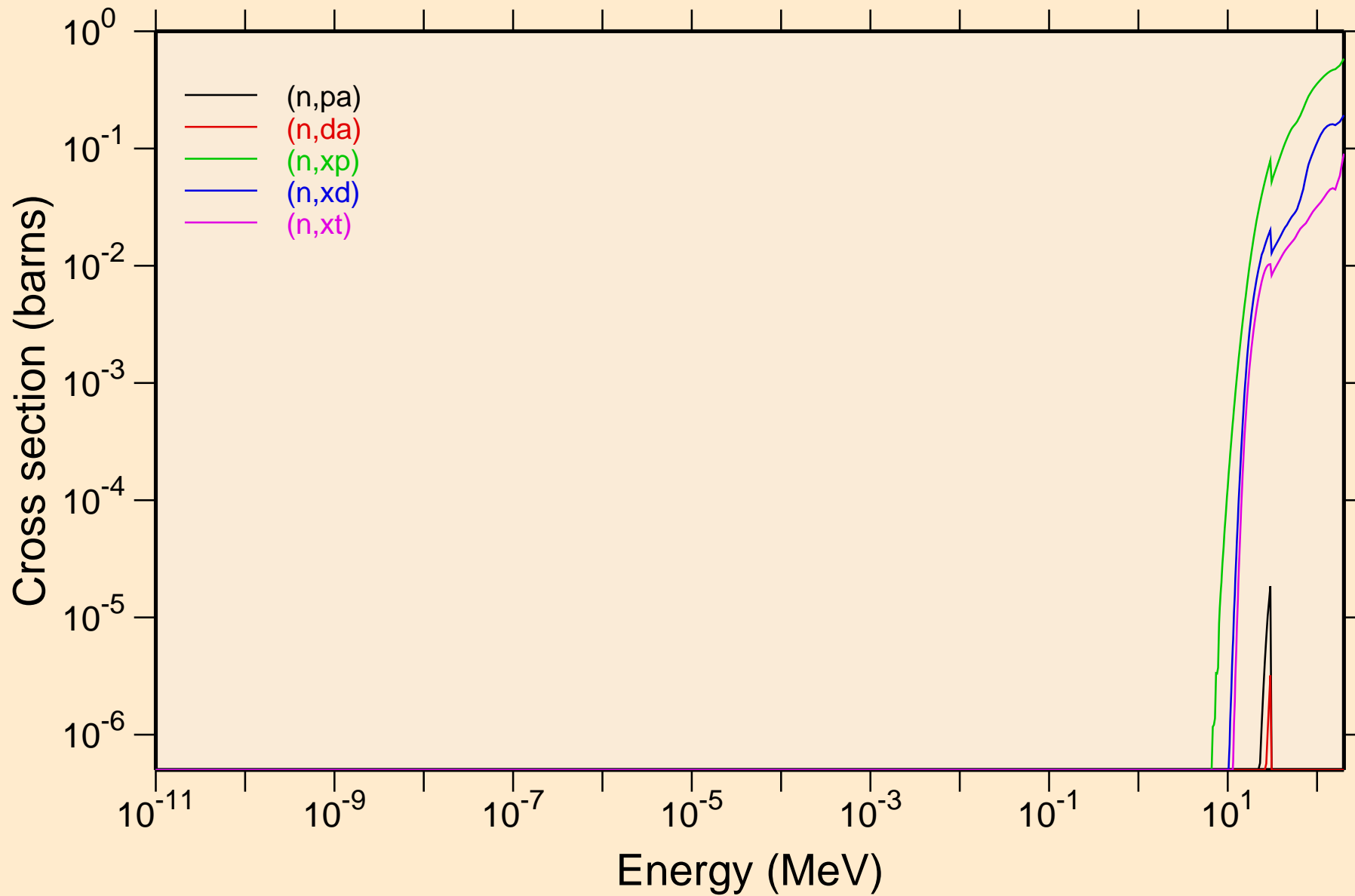


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

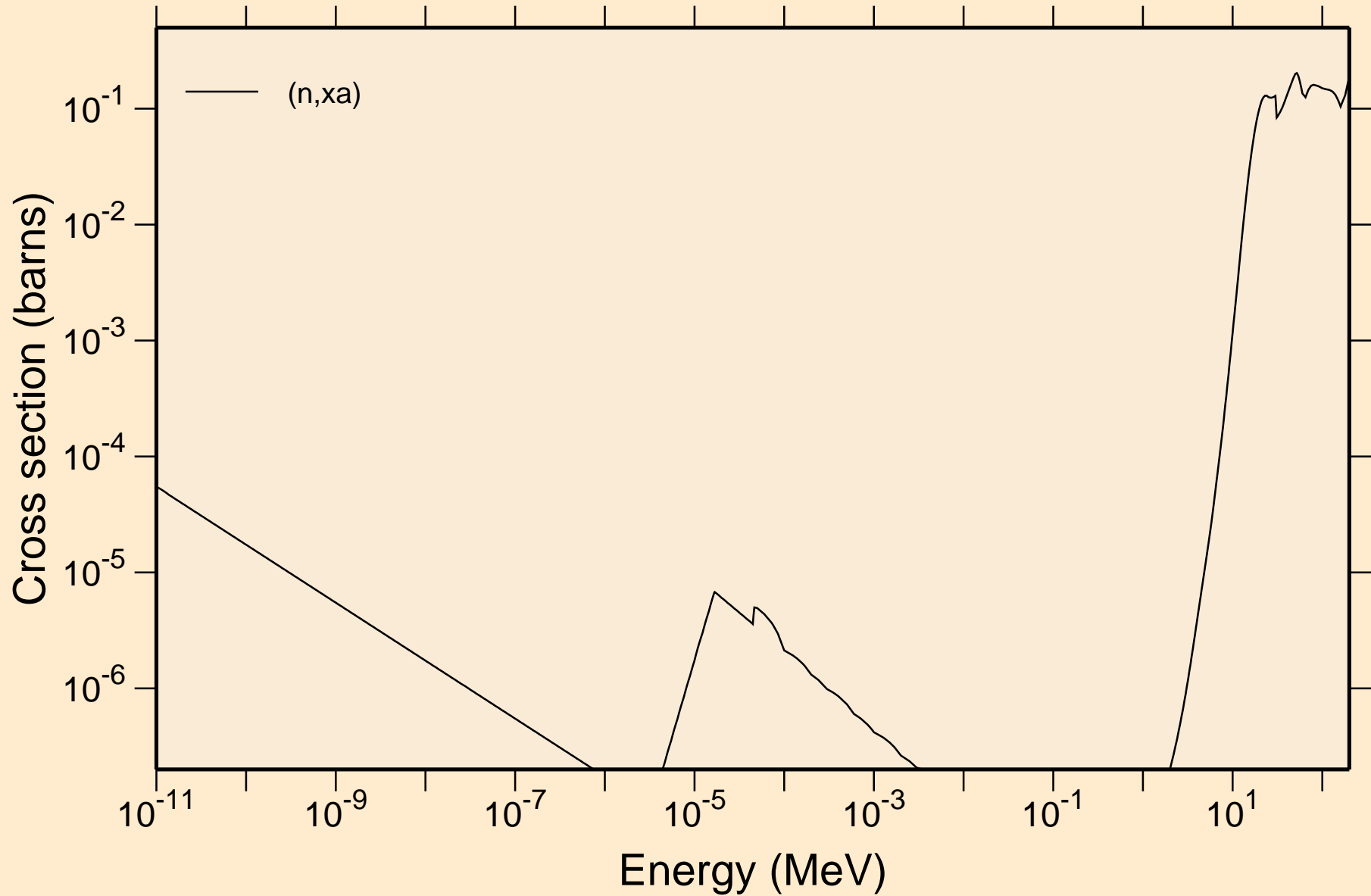
## Non-threshold reactions



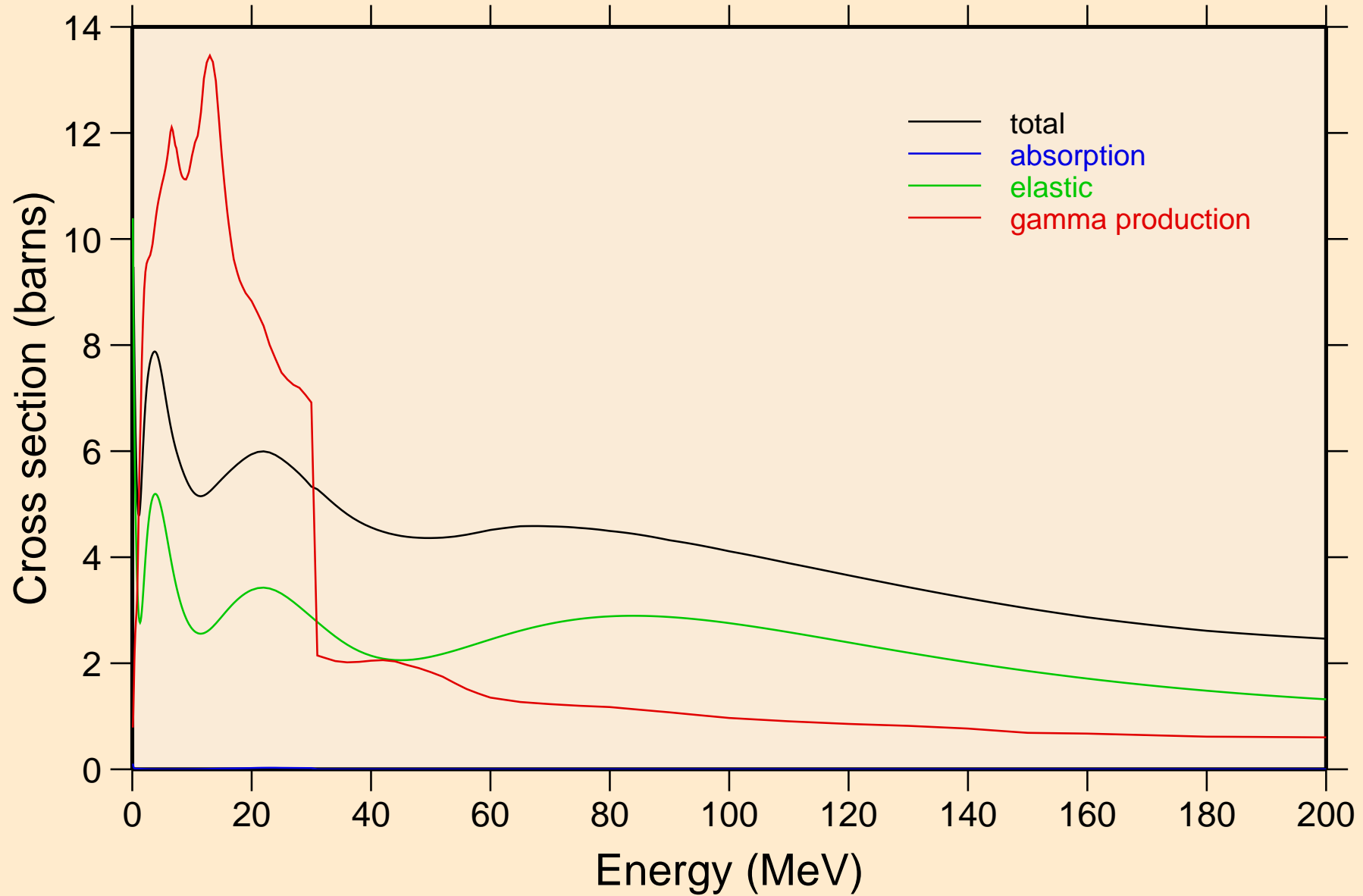
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



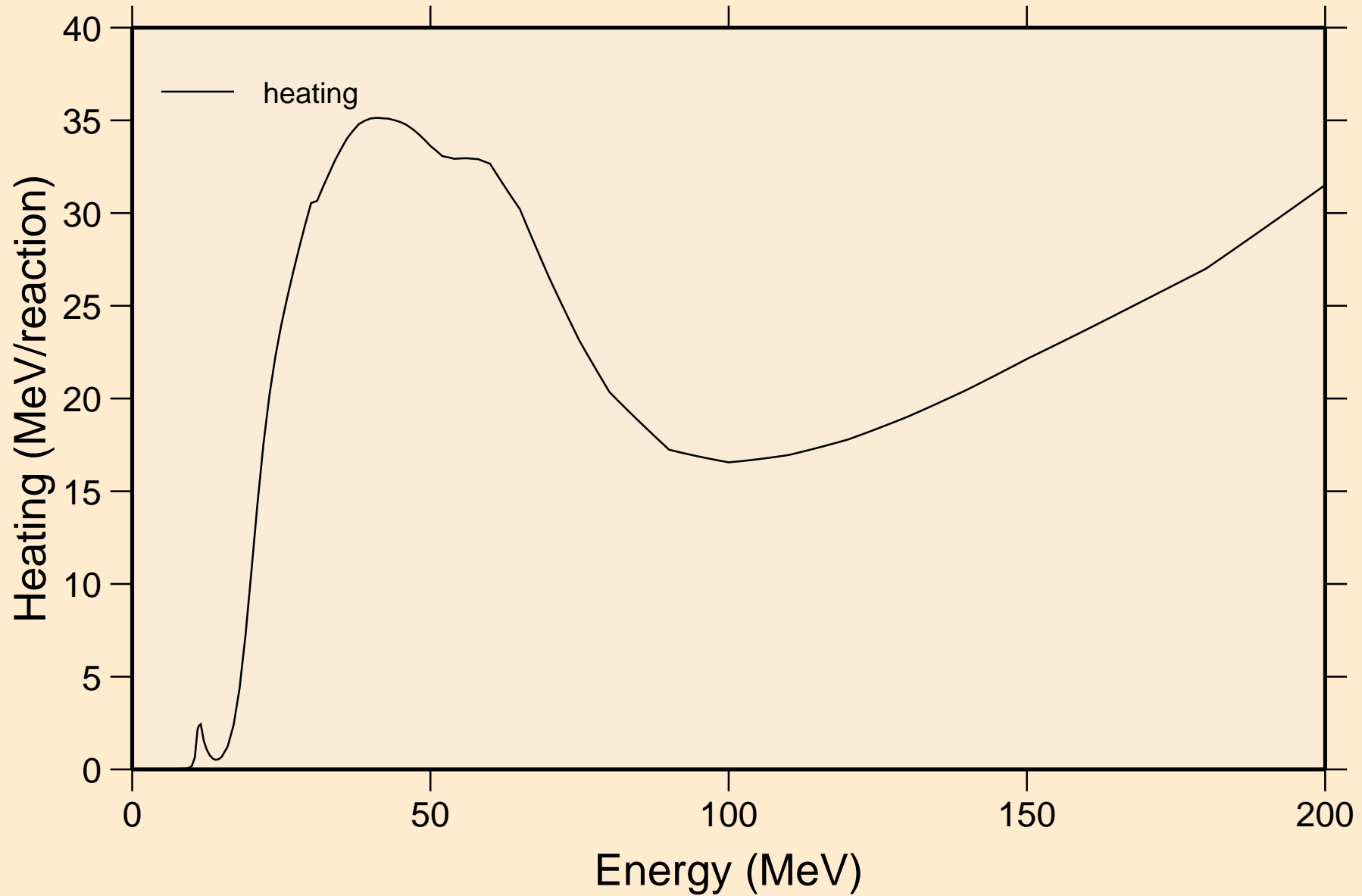
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections





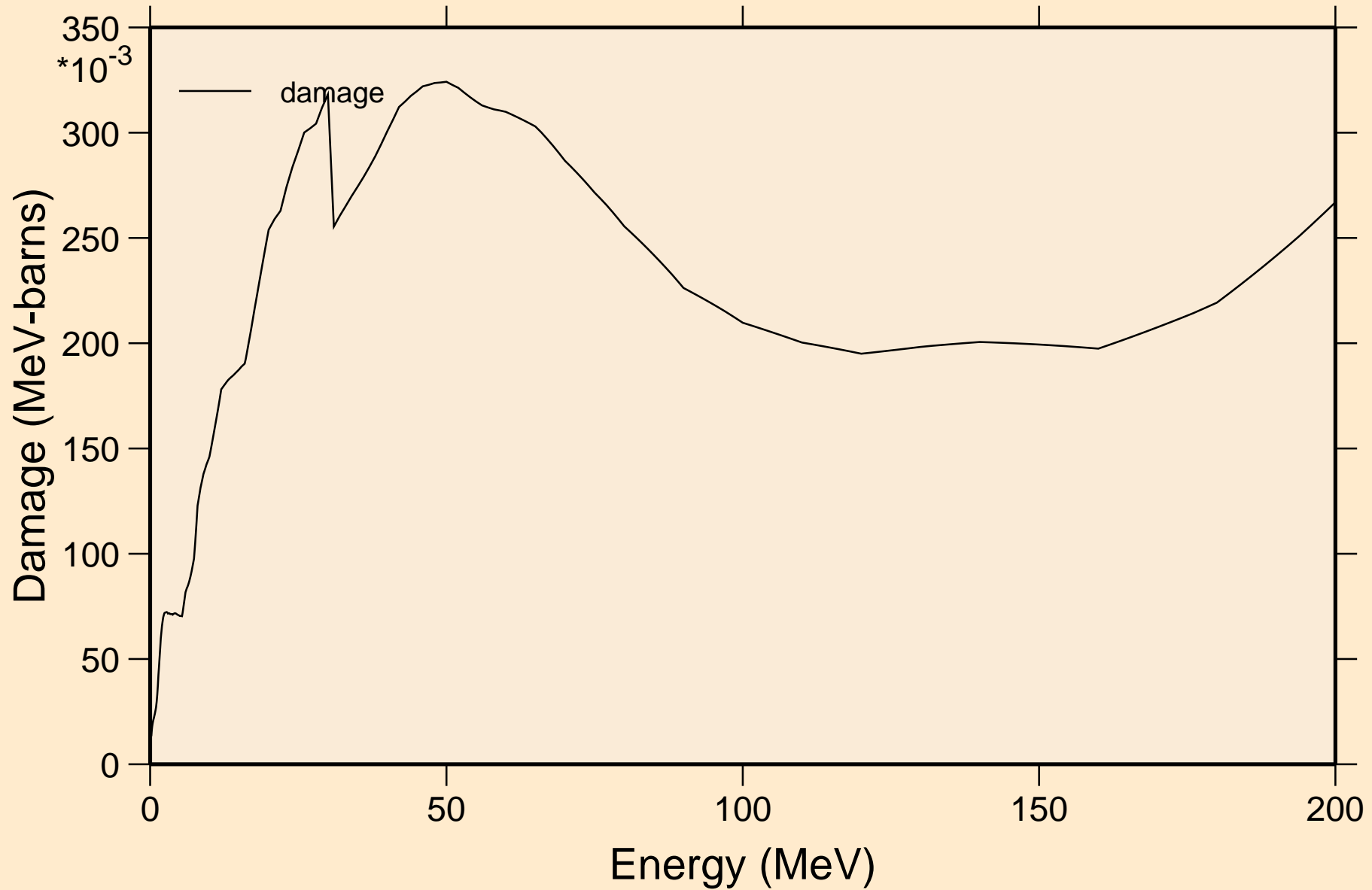
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## Heating

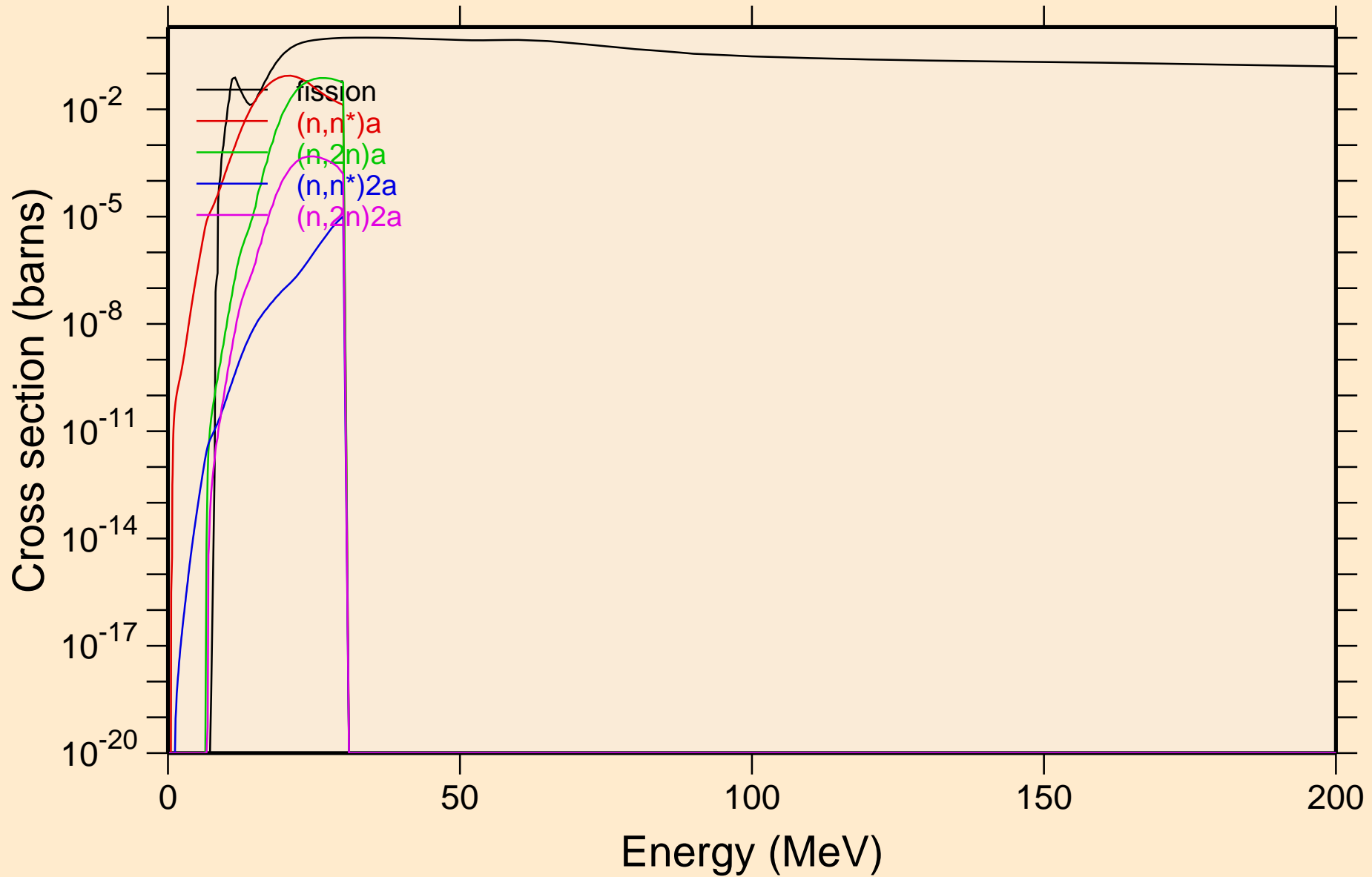


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

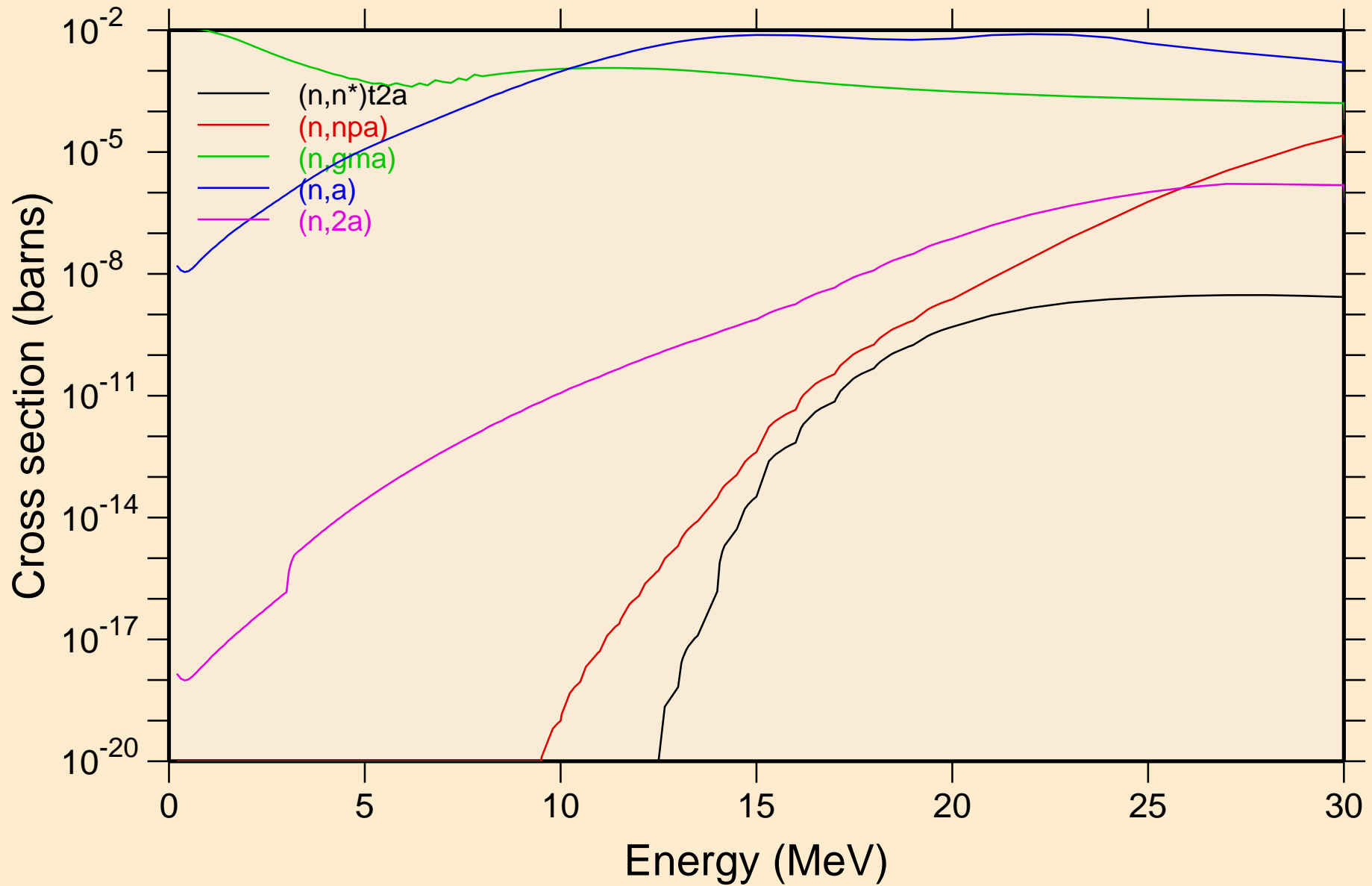


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



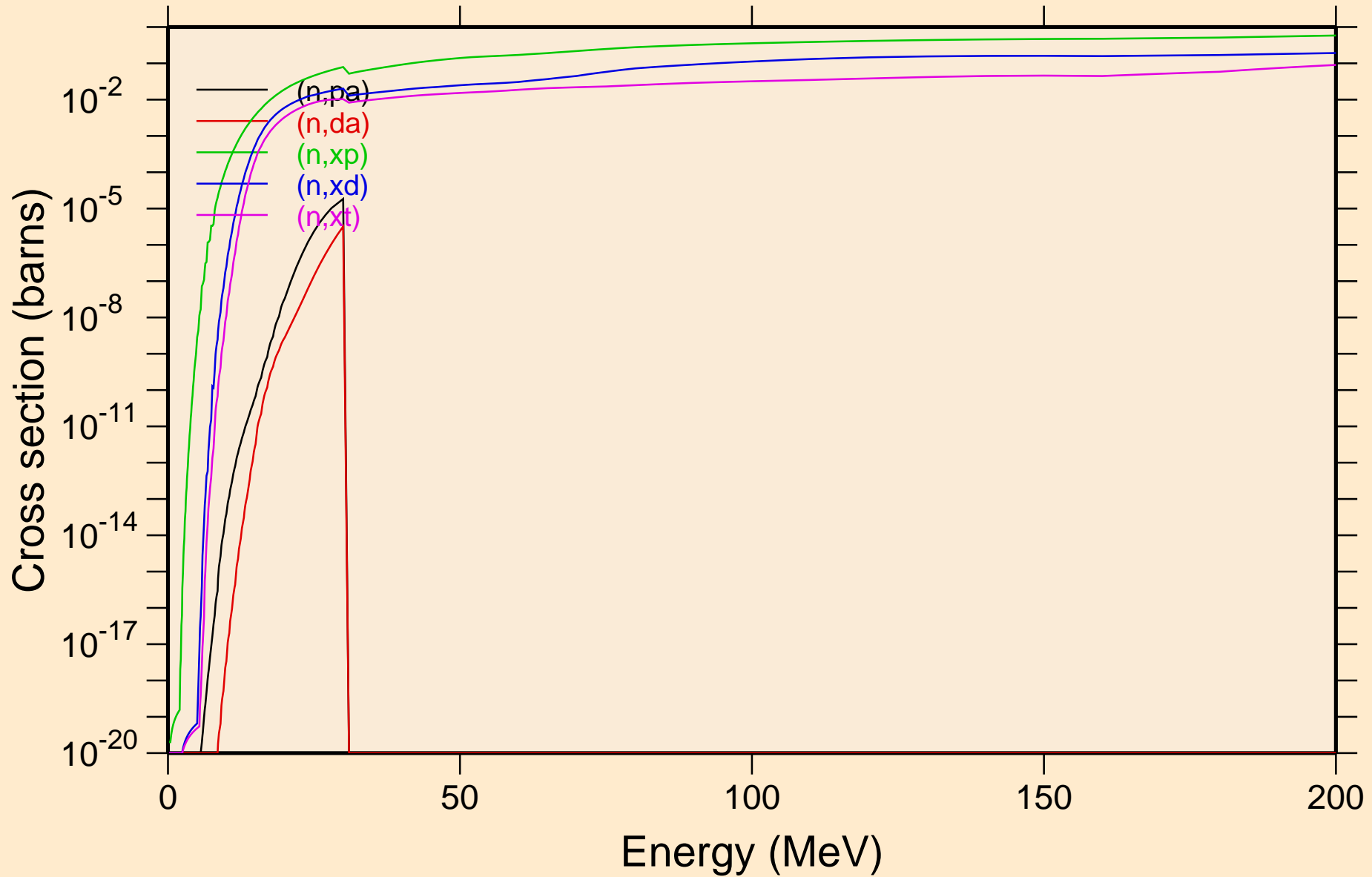
# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

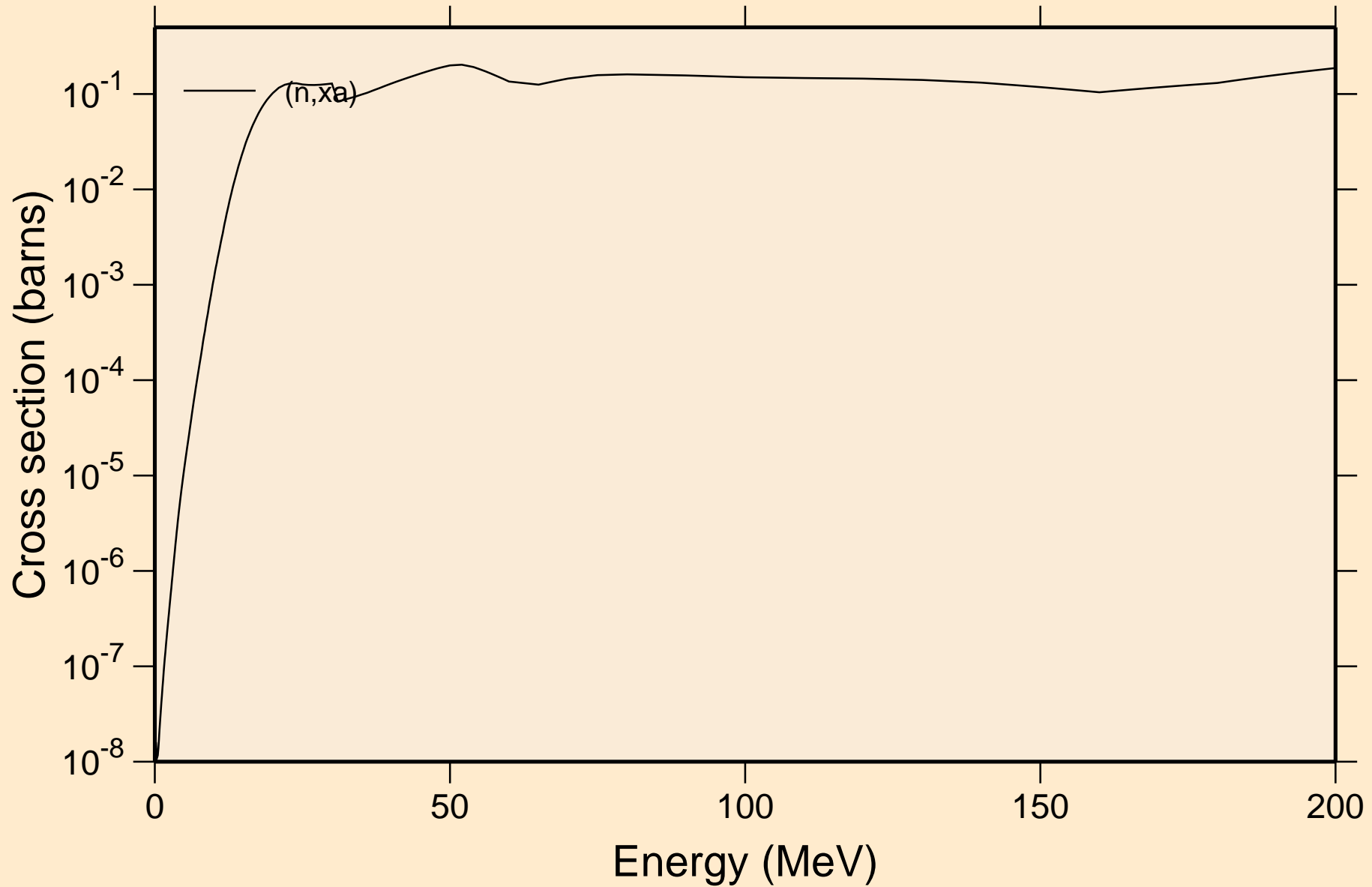


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

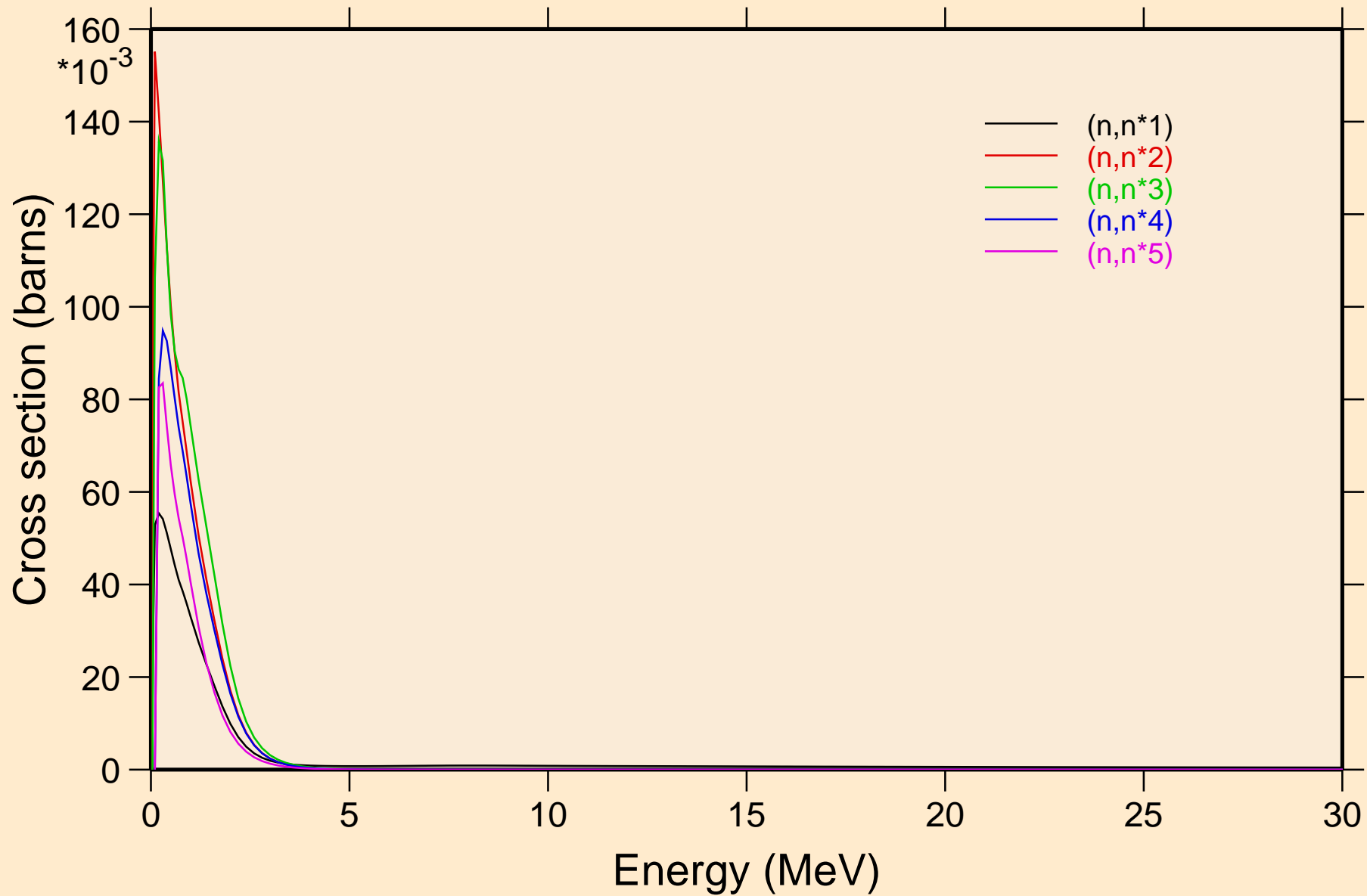
## Non-threshold reactions



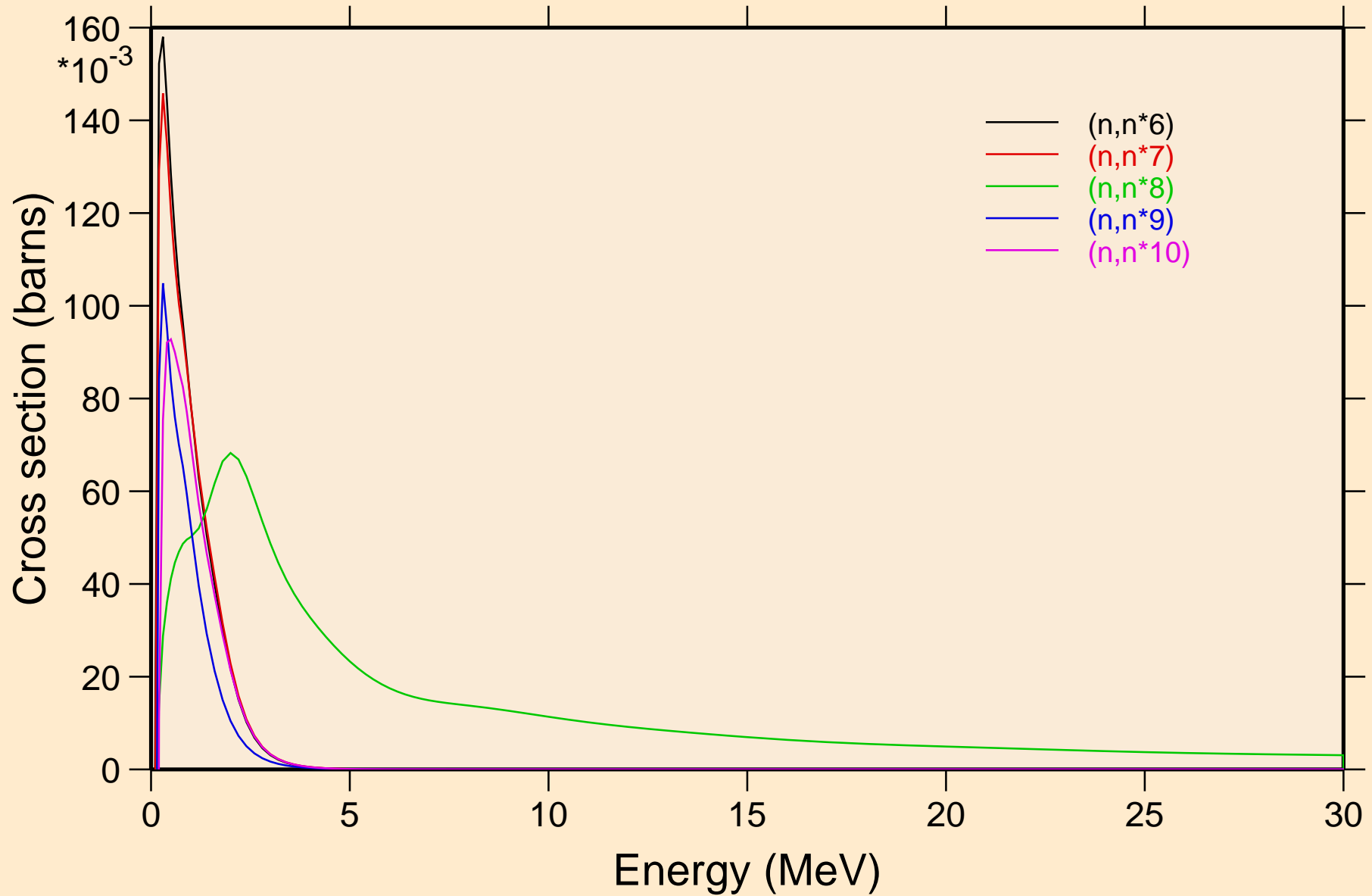
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



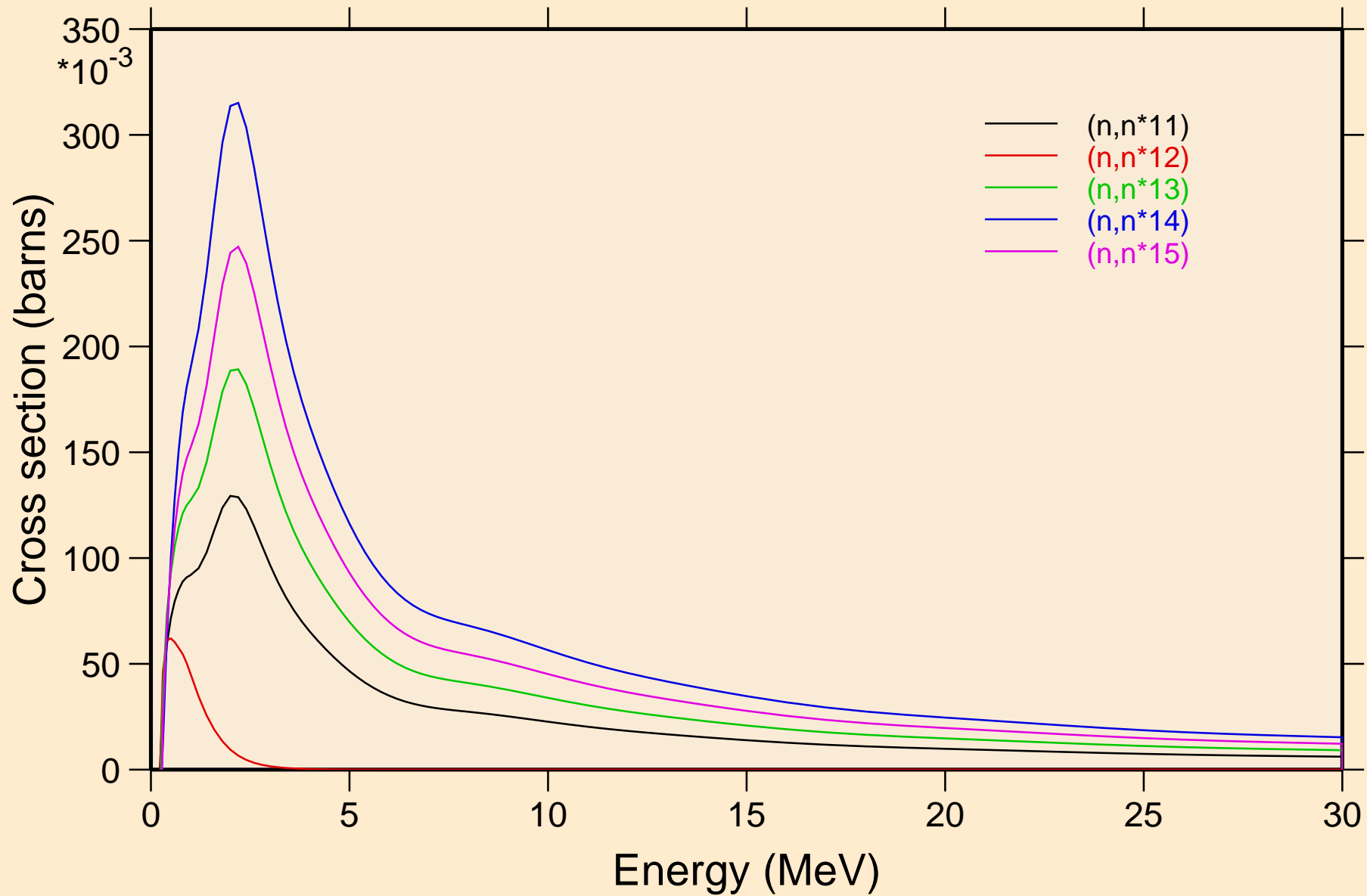
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



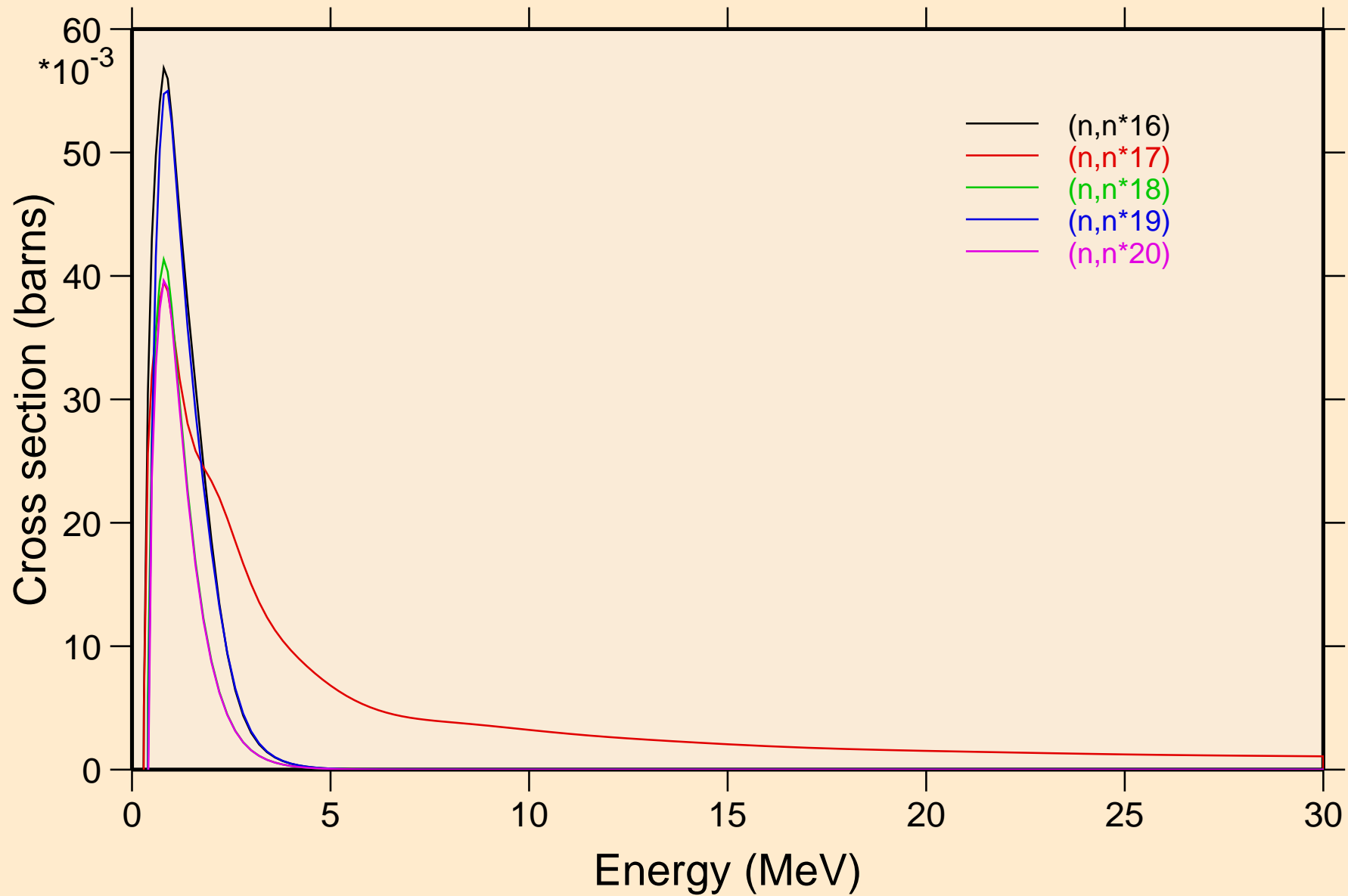


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

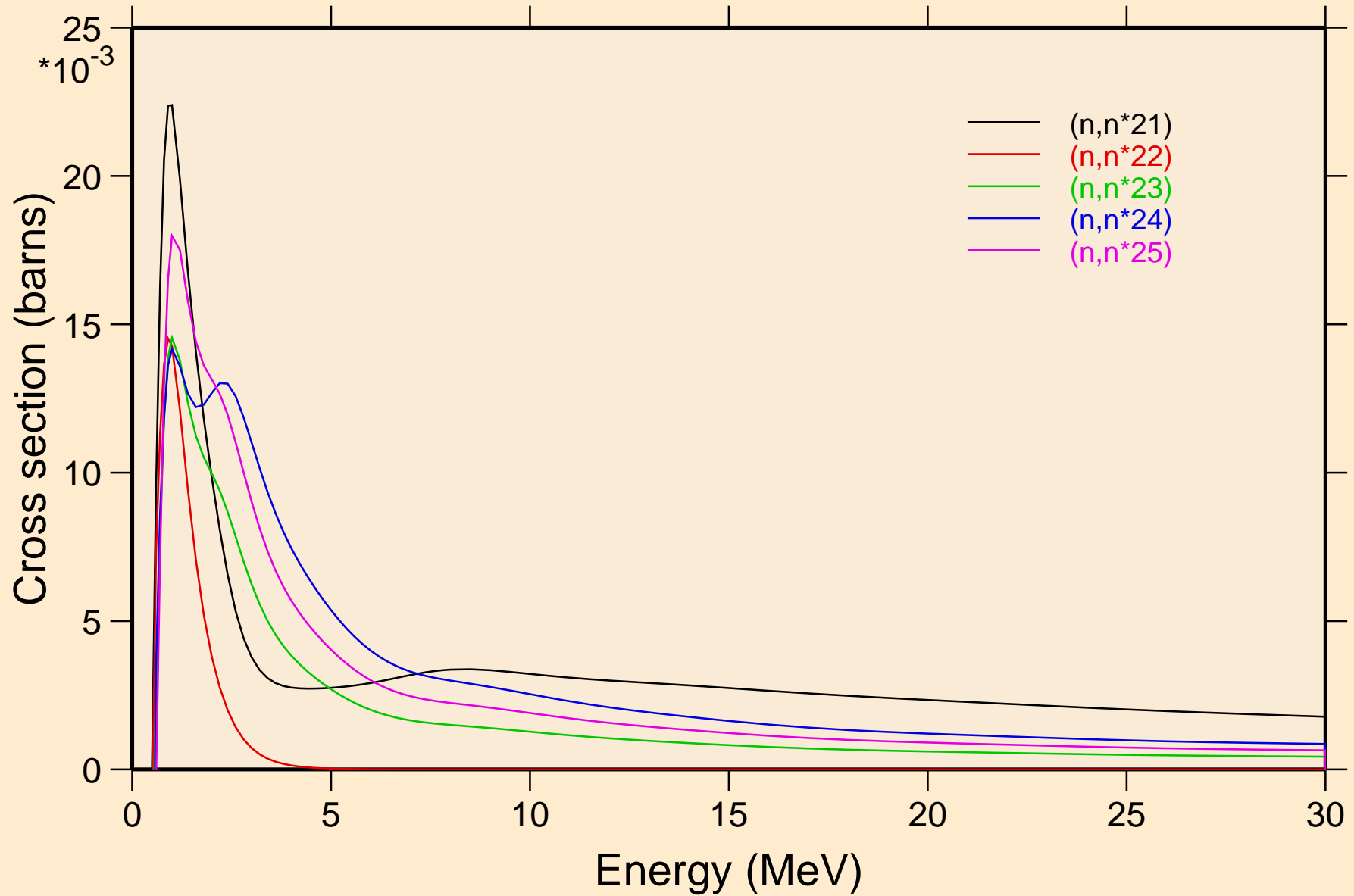
## Inelastic levels



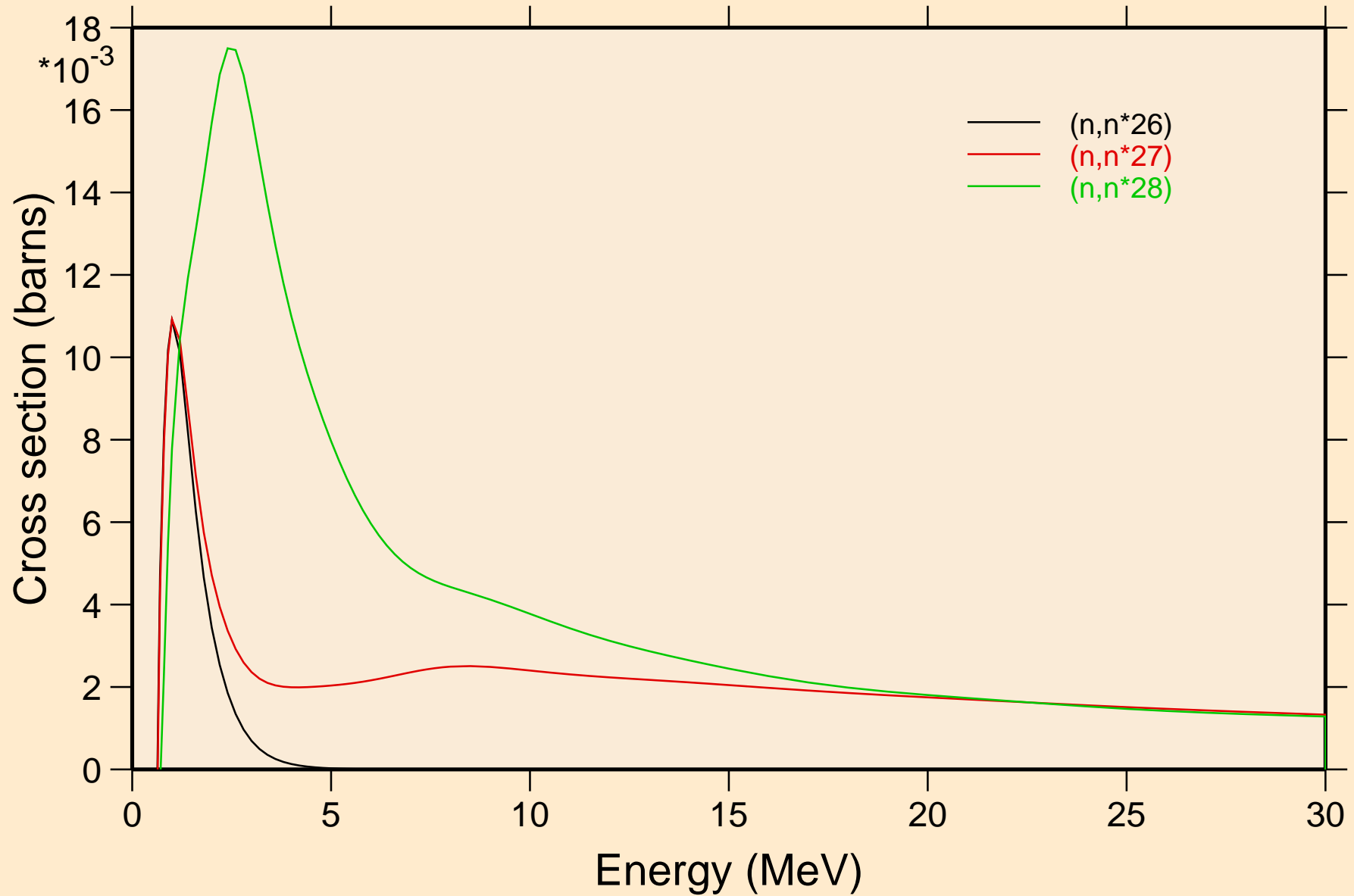
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

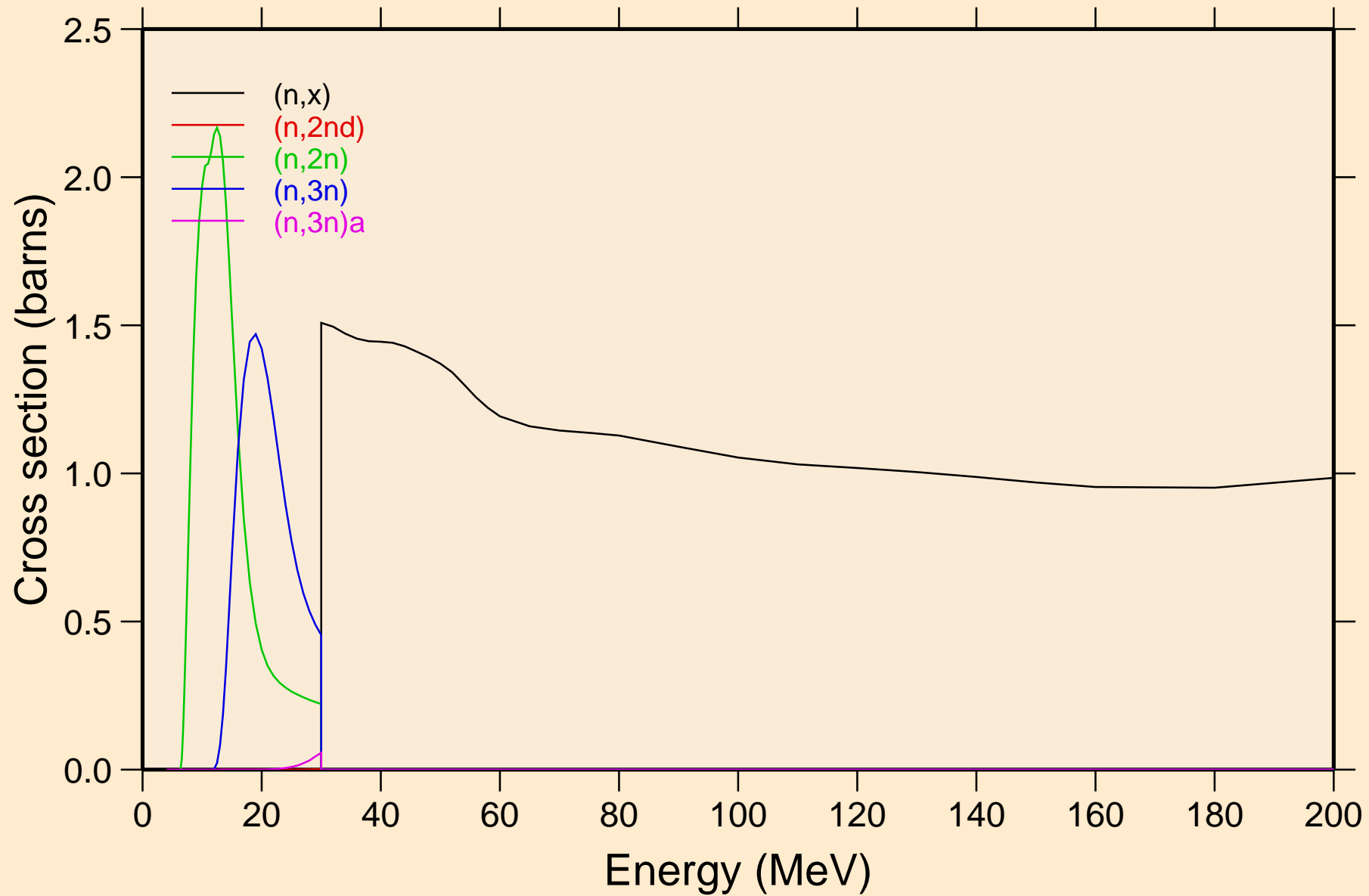


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

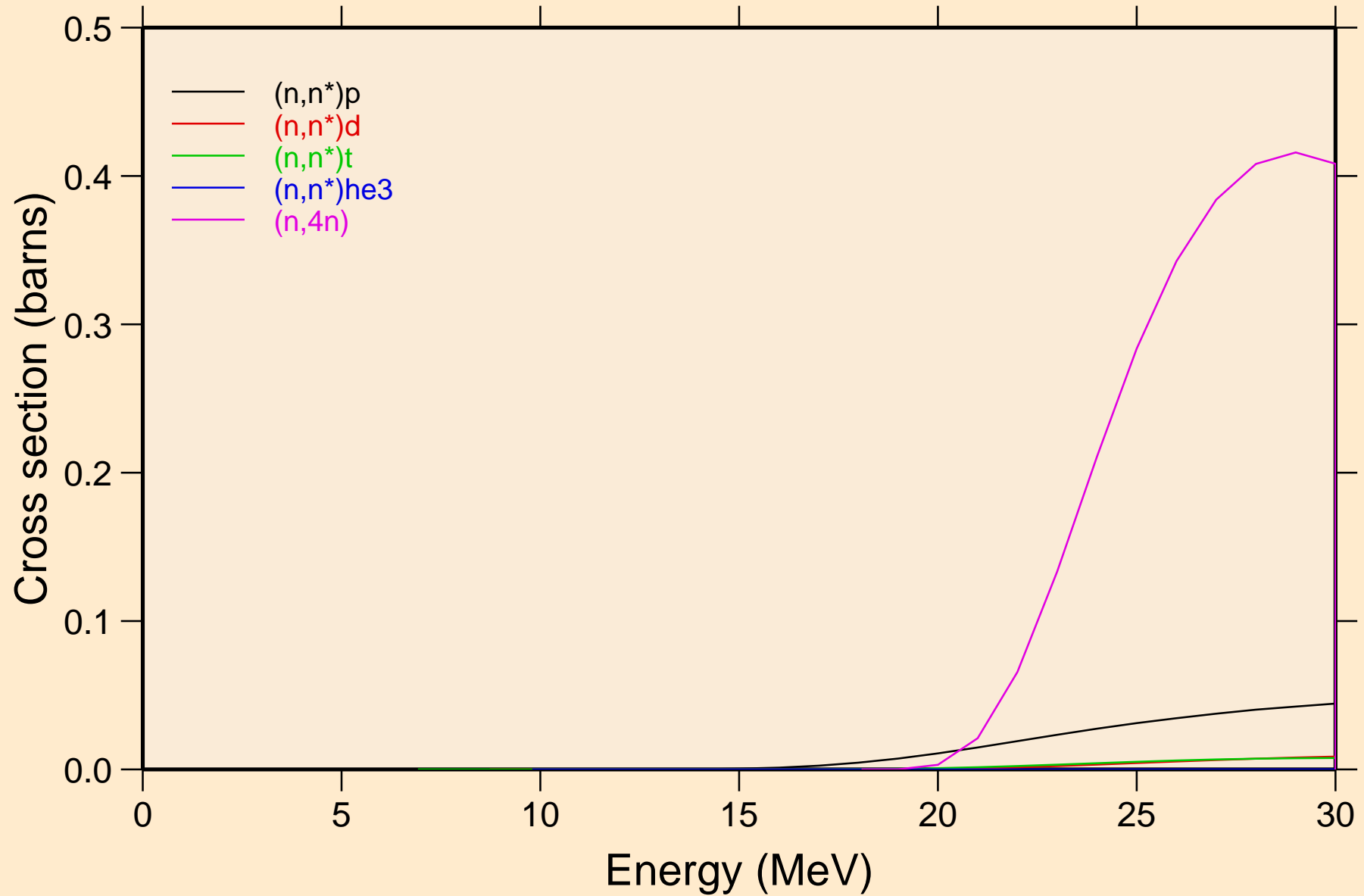


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

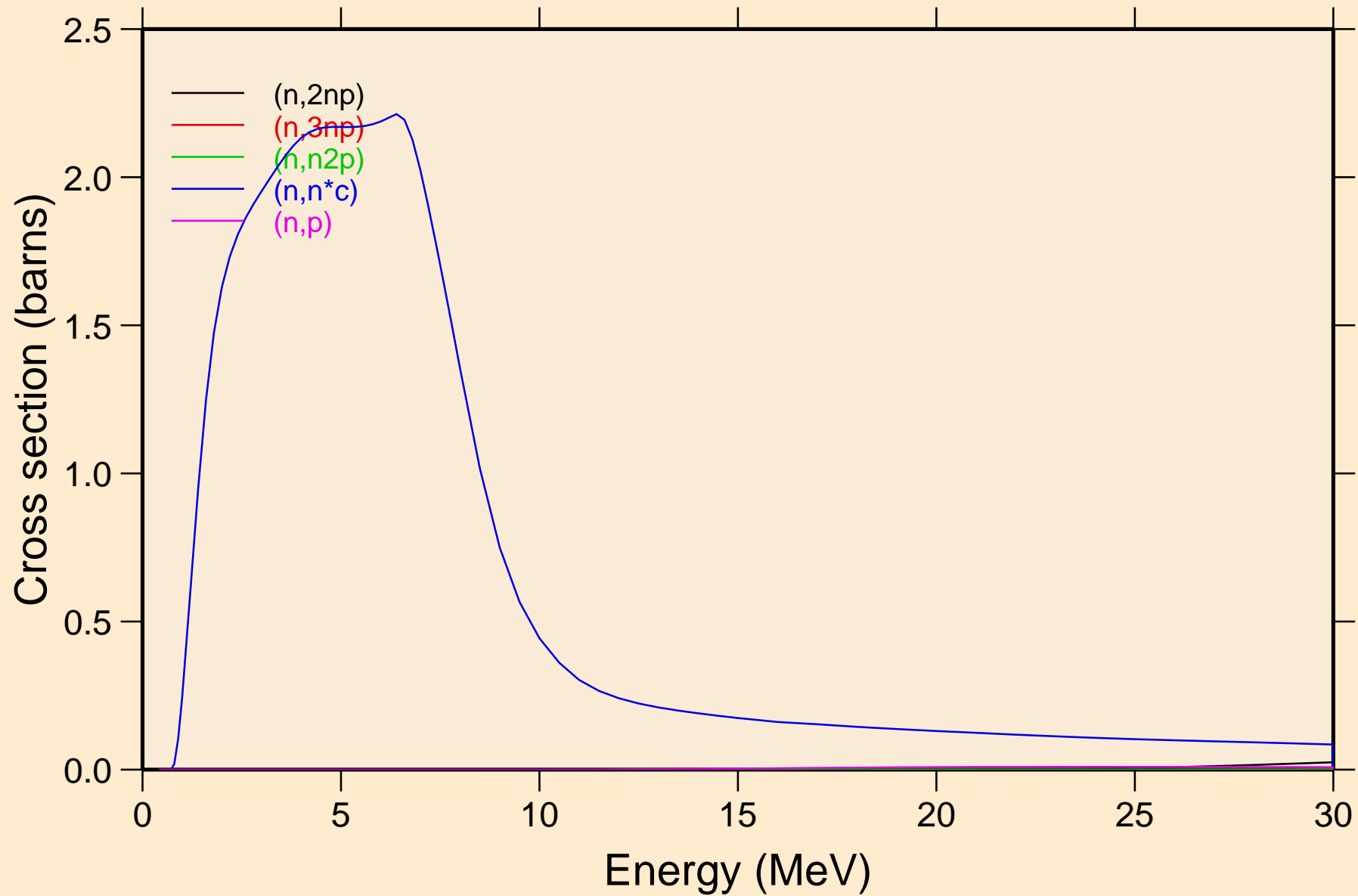
## Threshold reactions



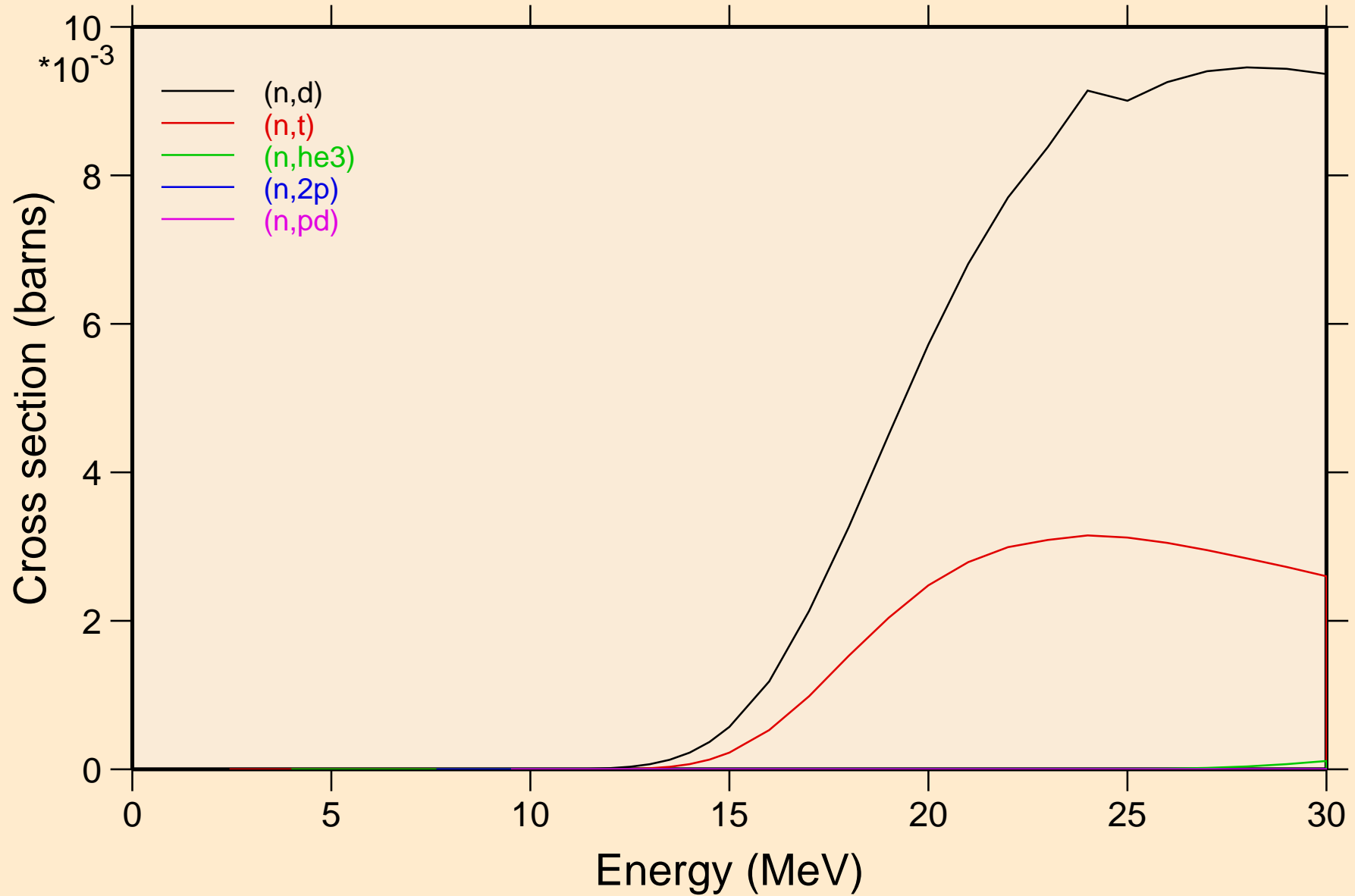
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

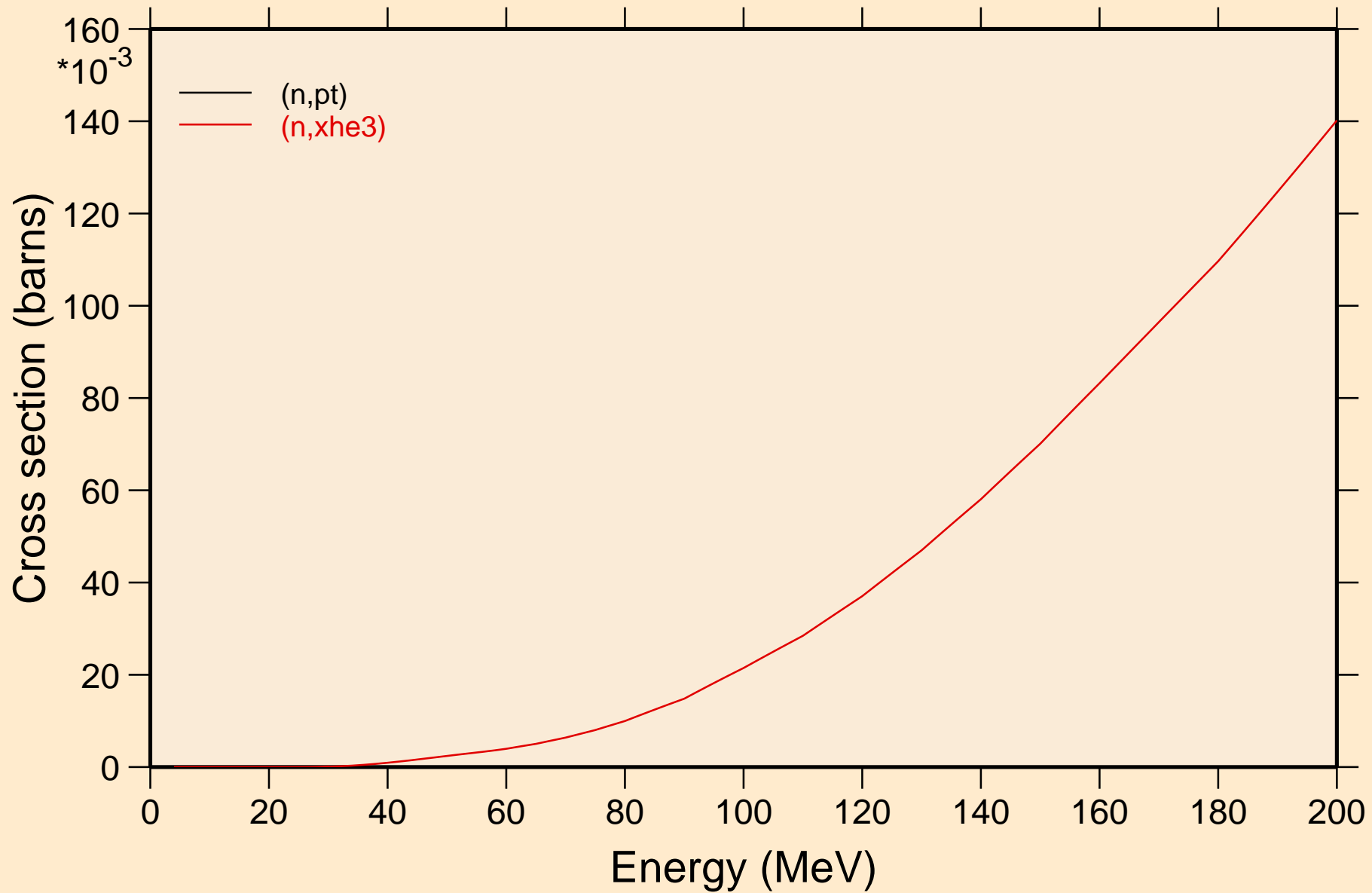


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

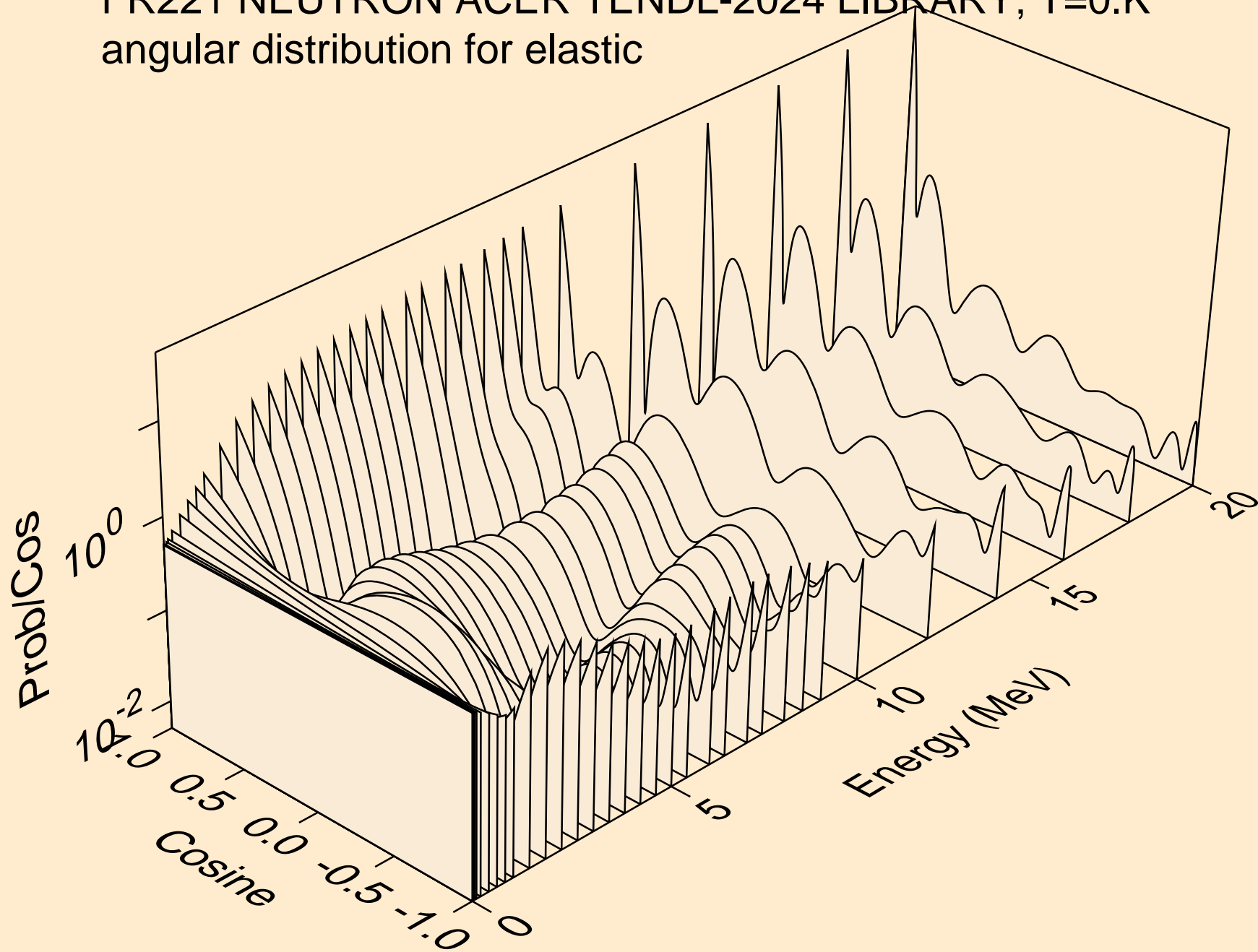




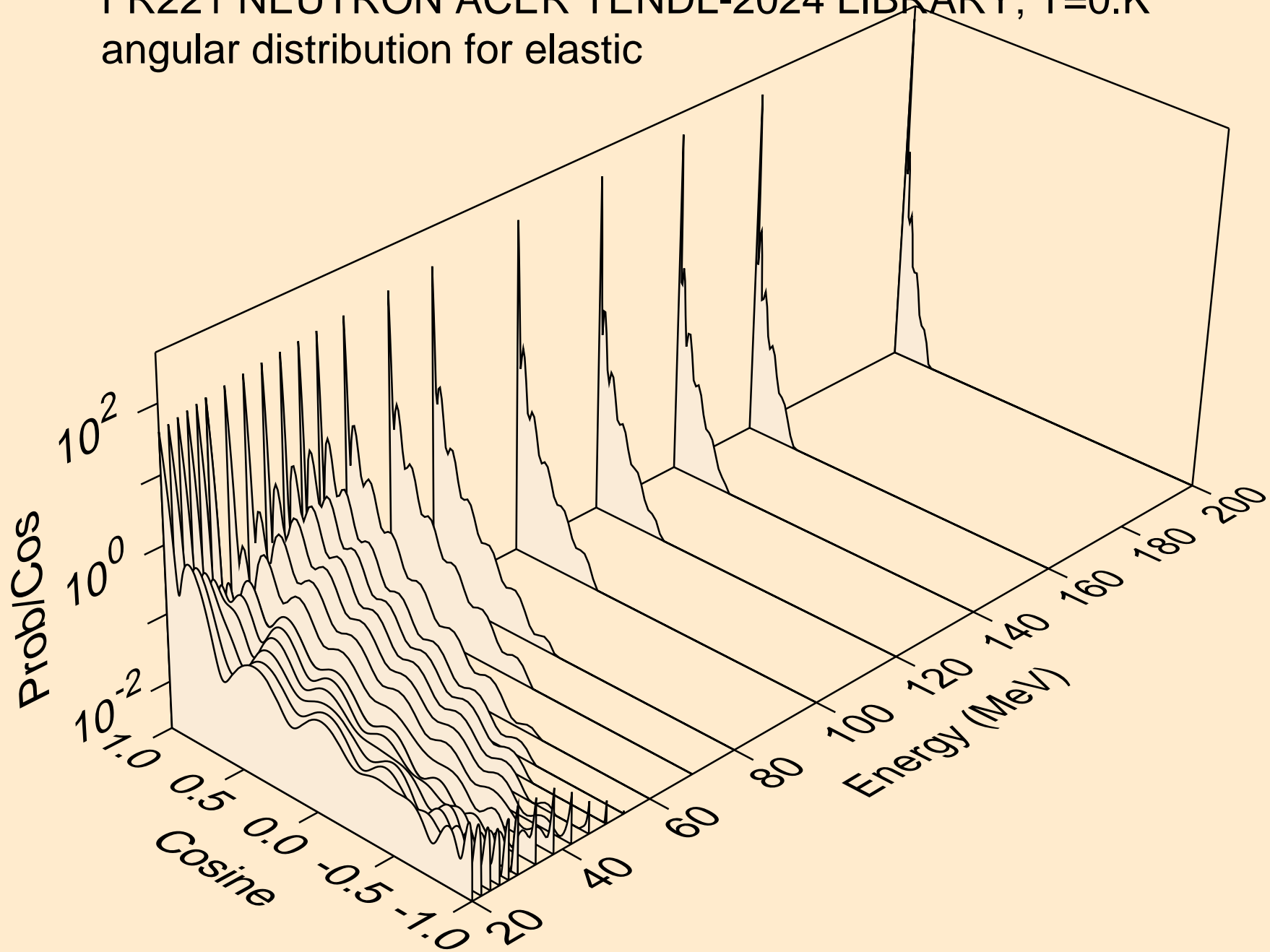
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



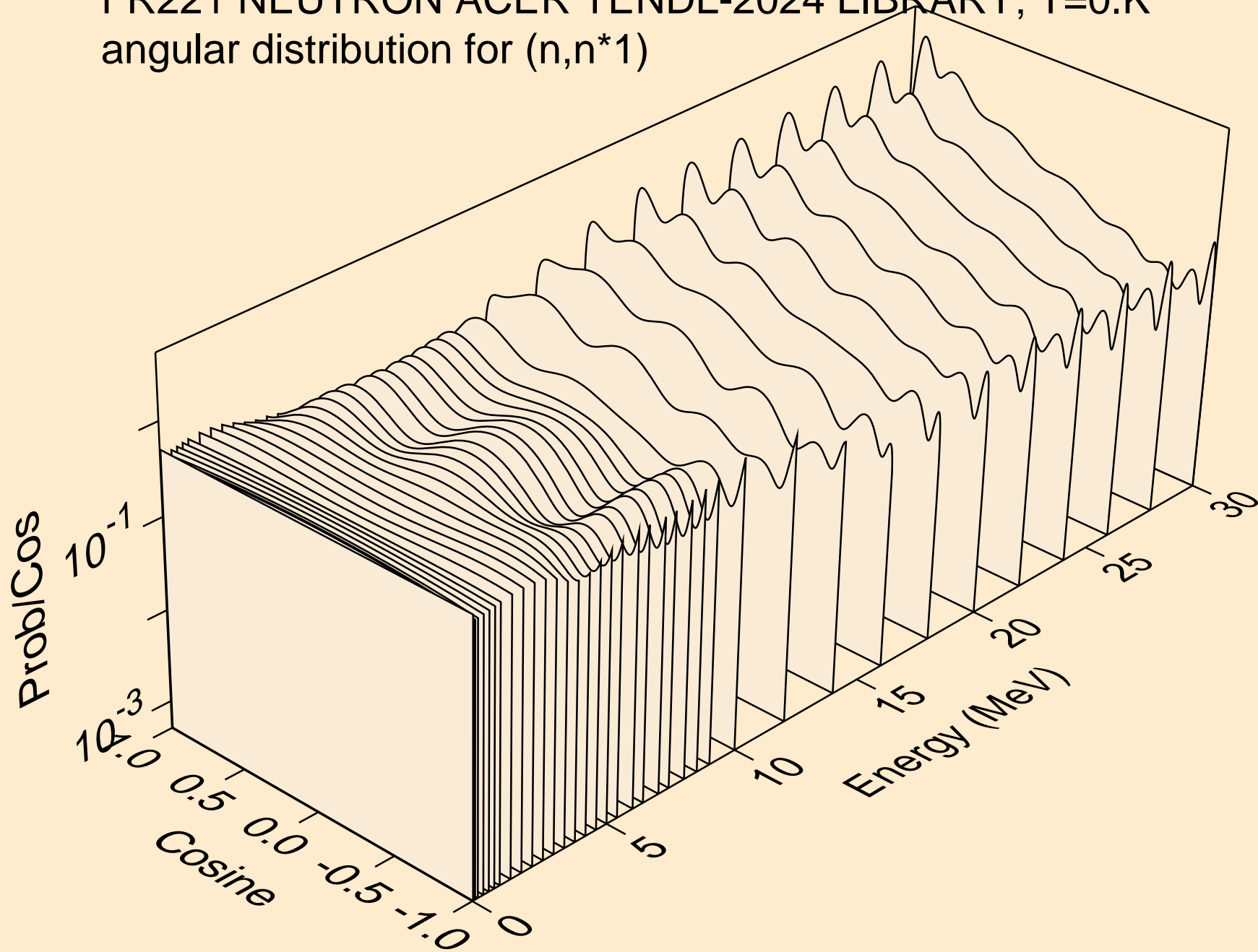
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



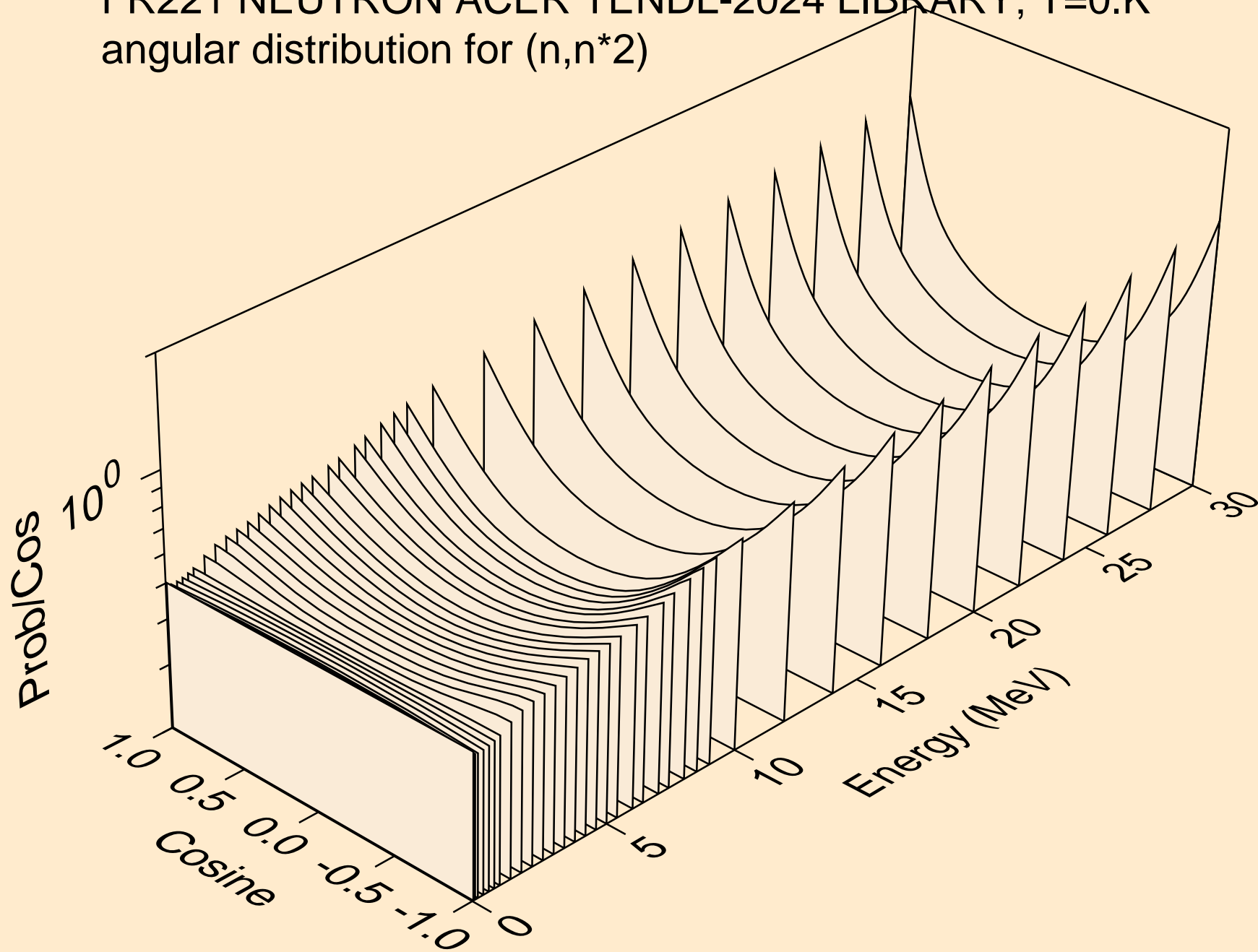
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



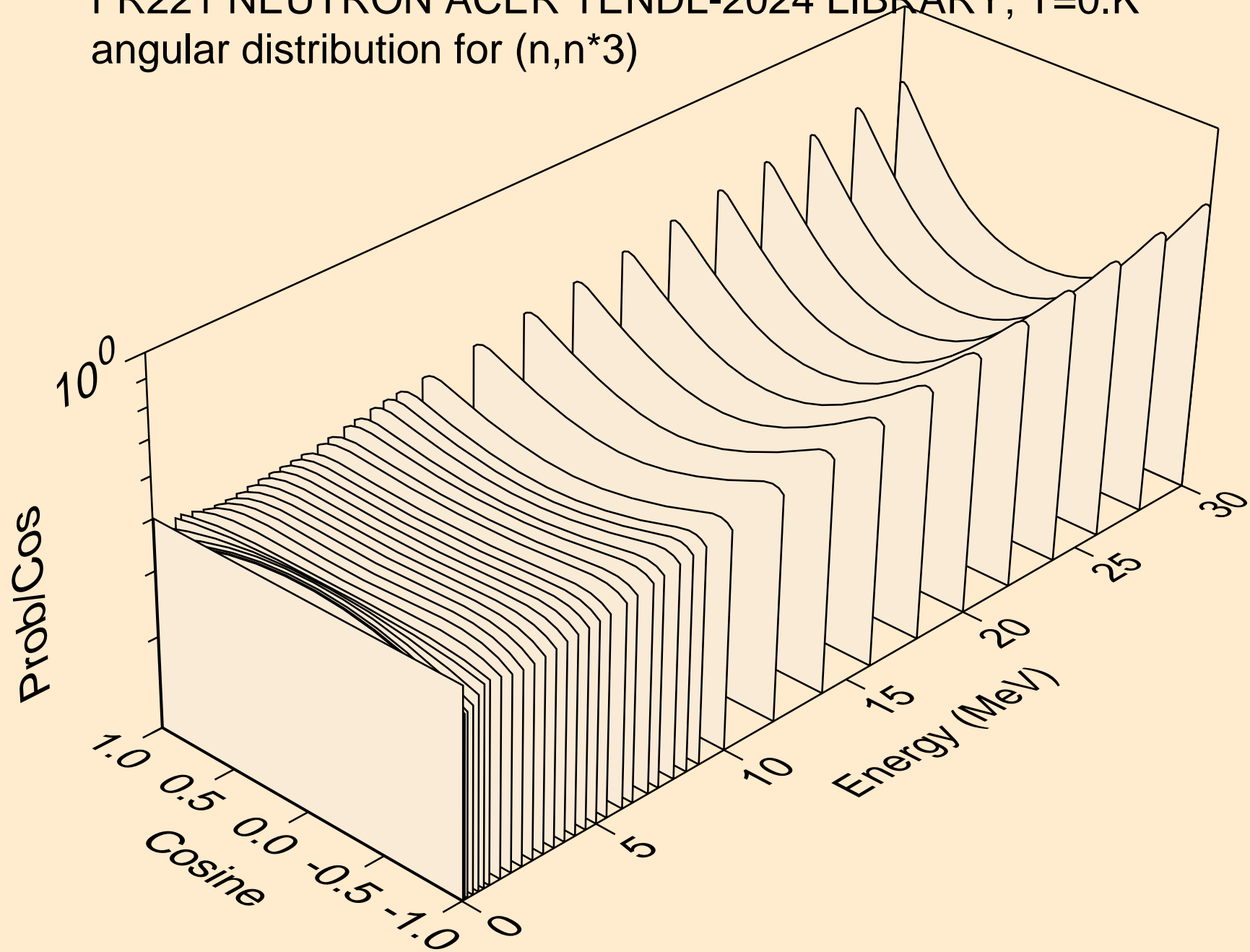
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



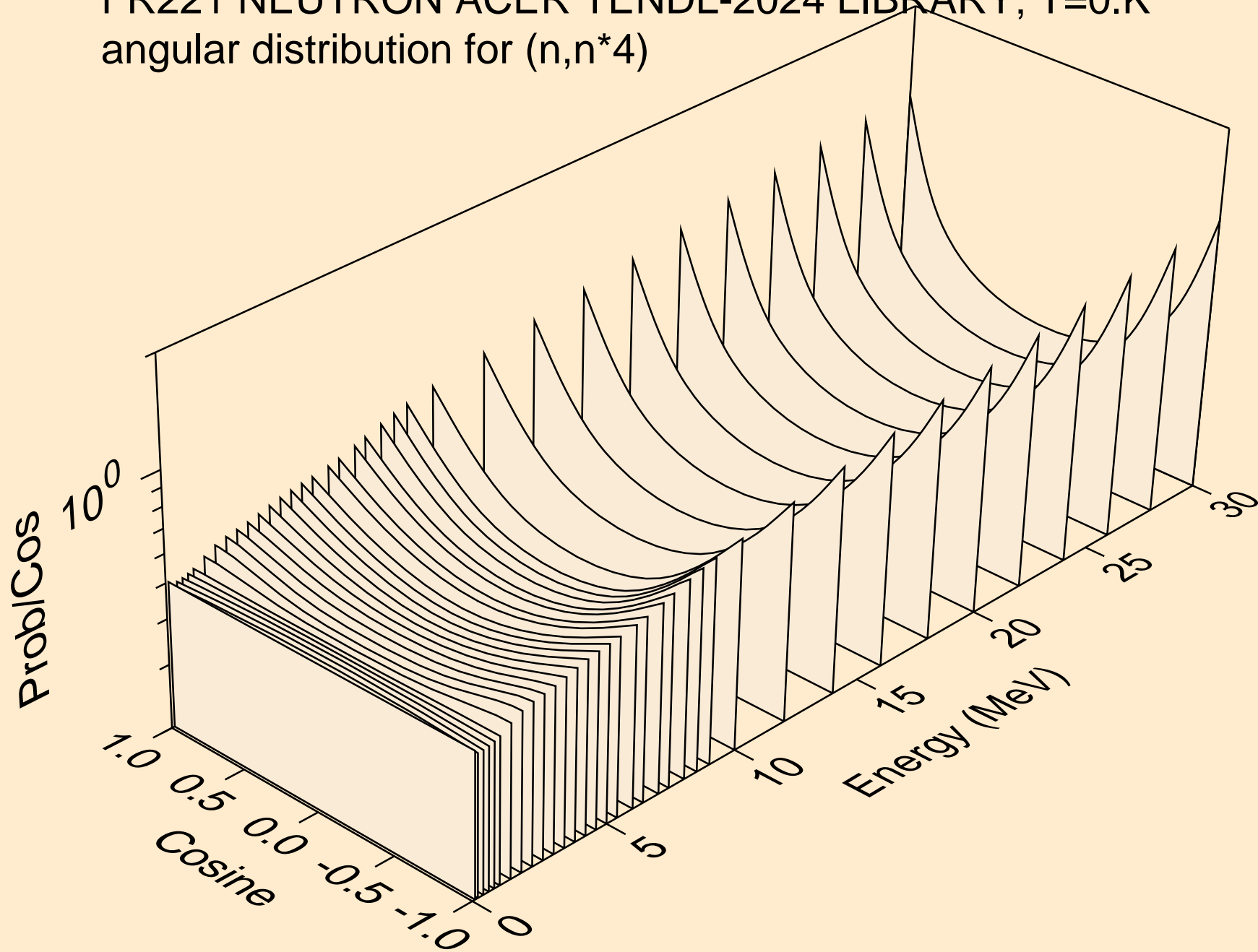
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



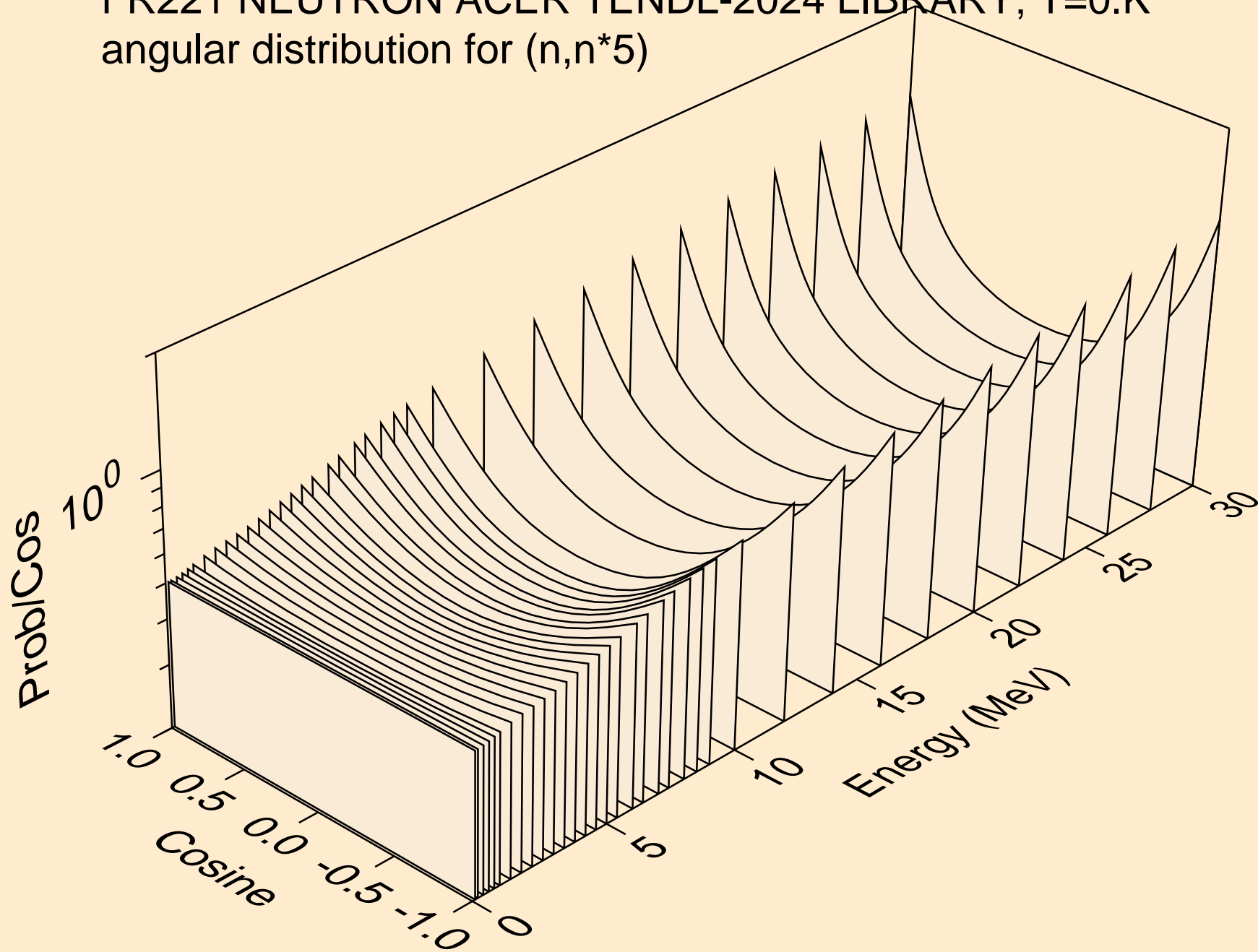
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

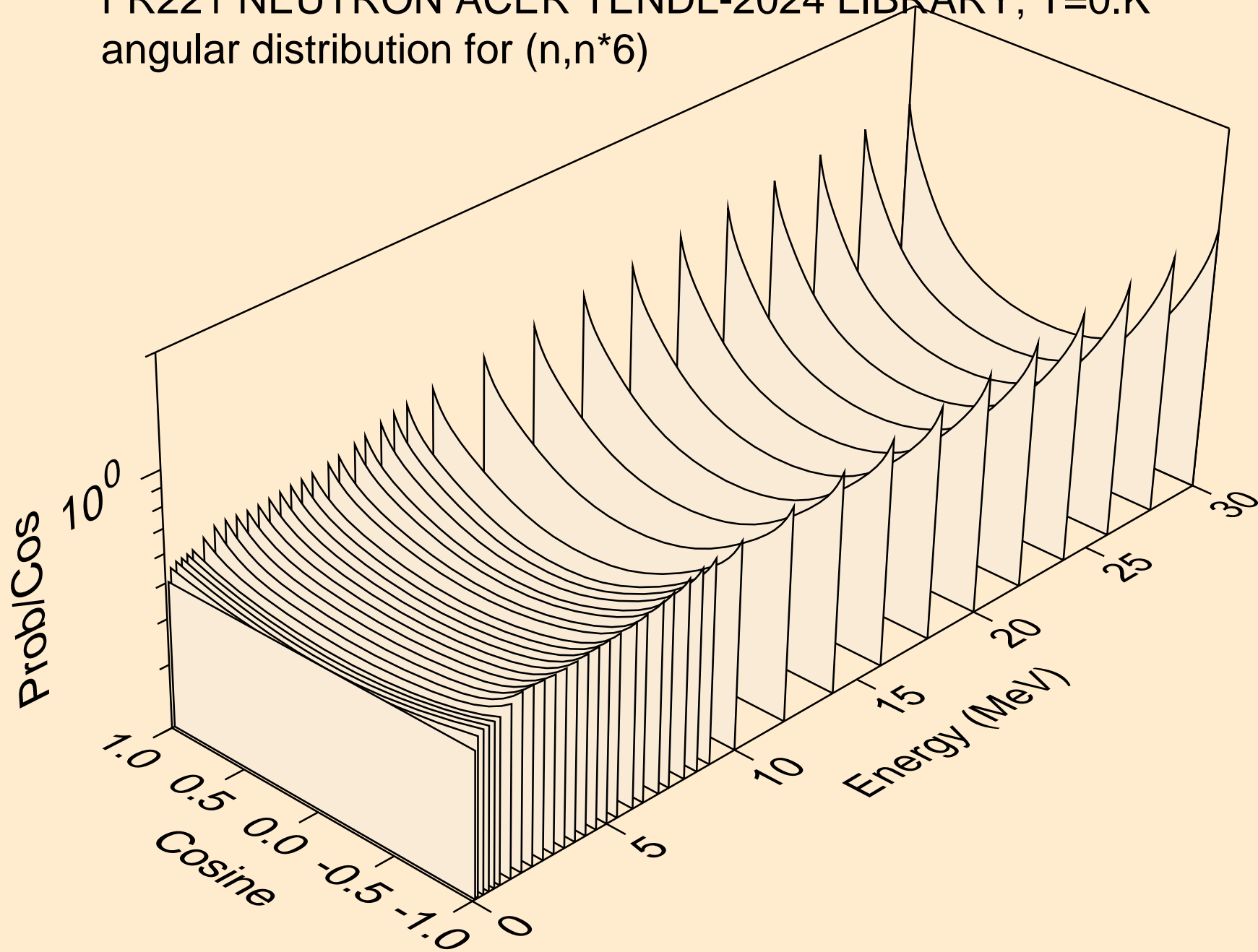


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

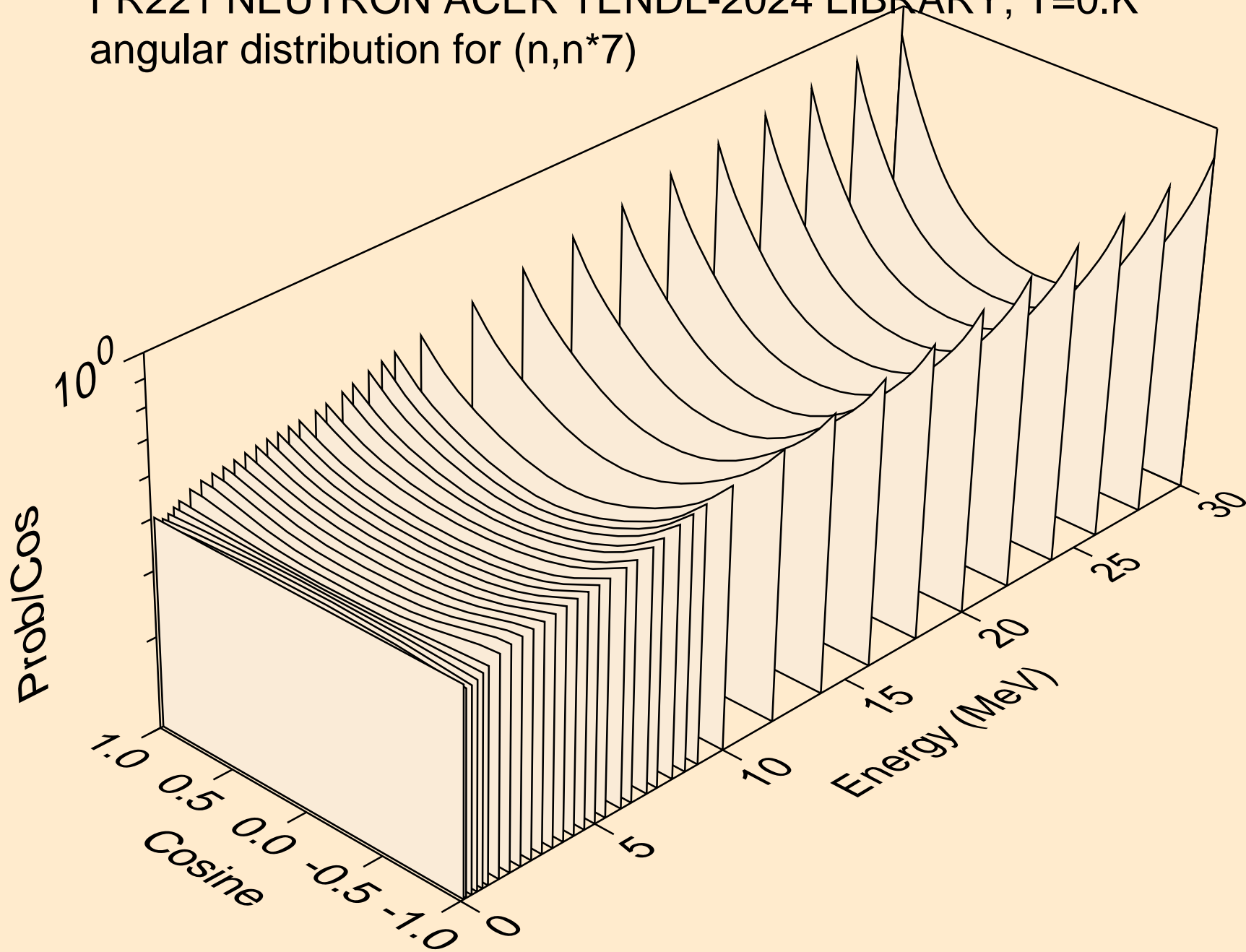




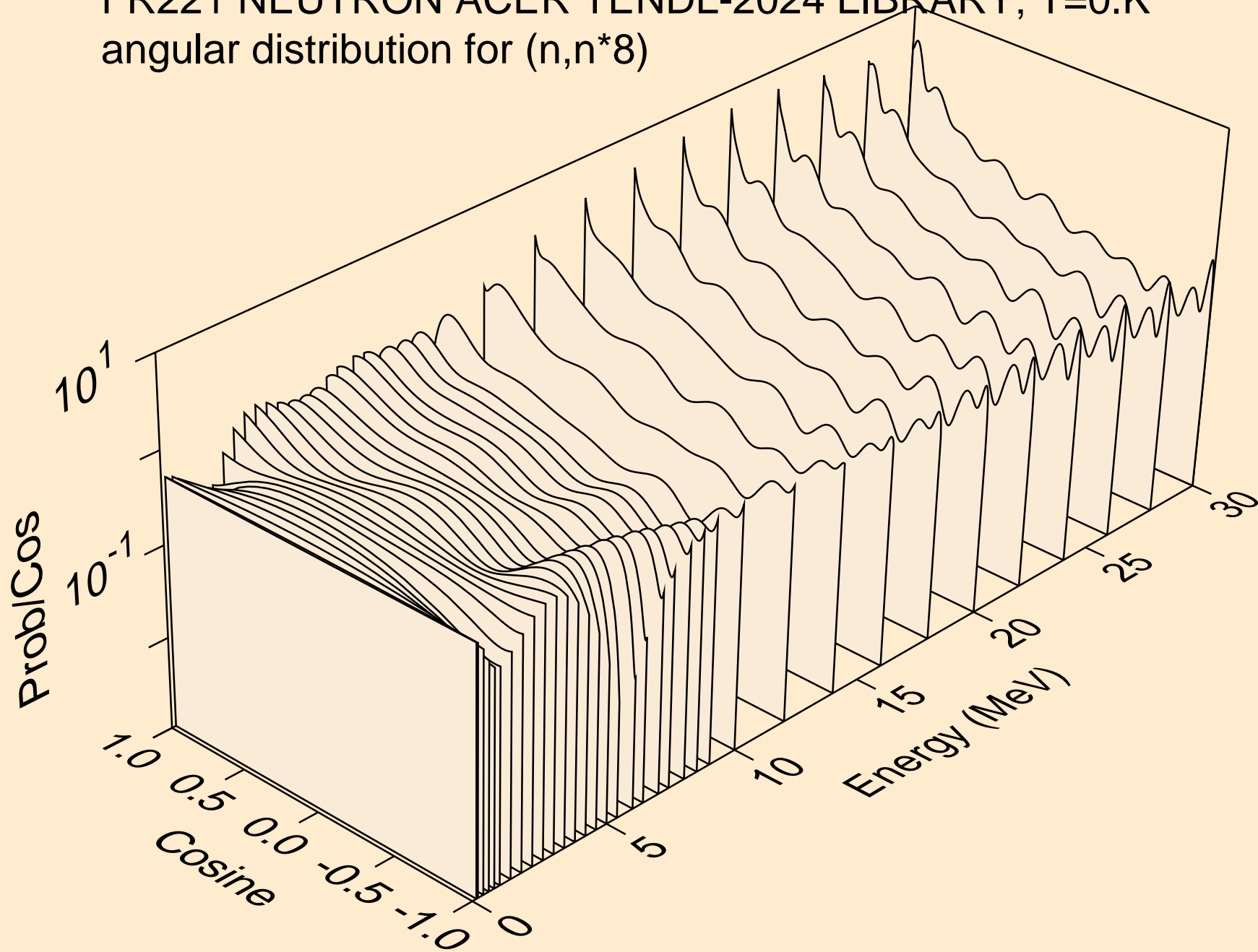
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



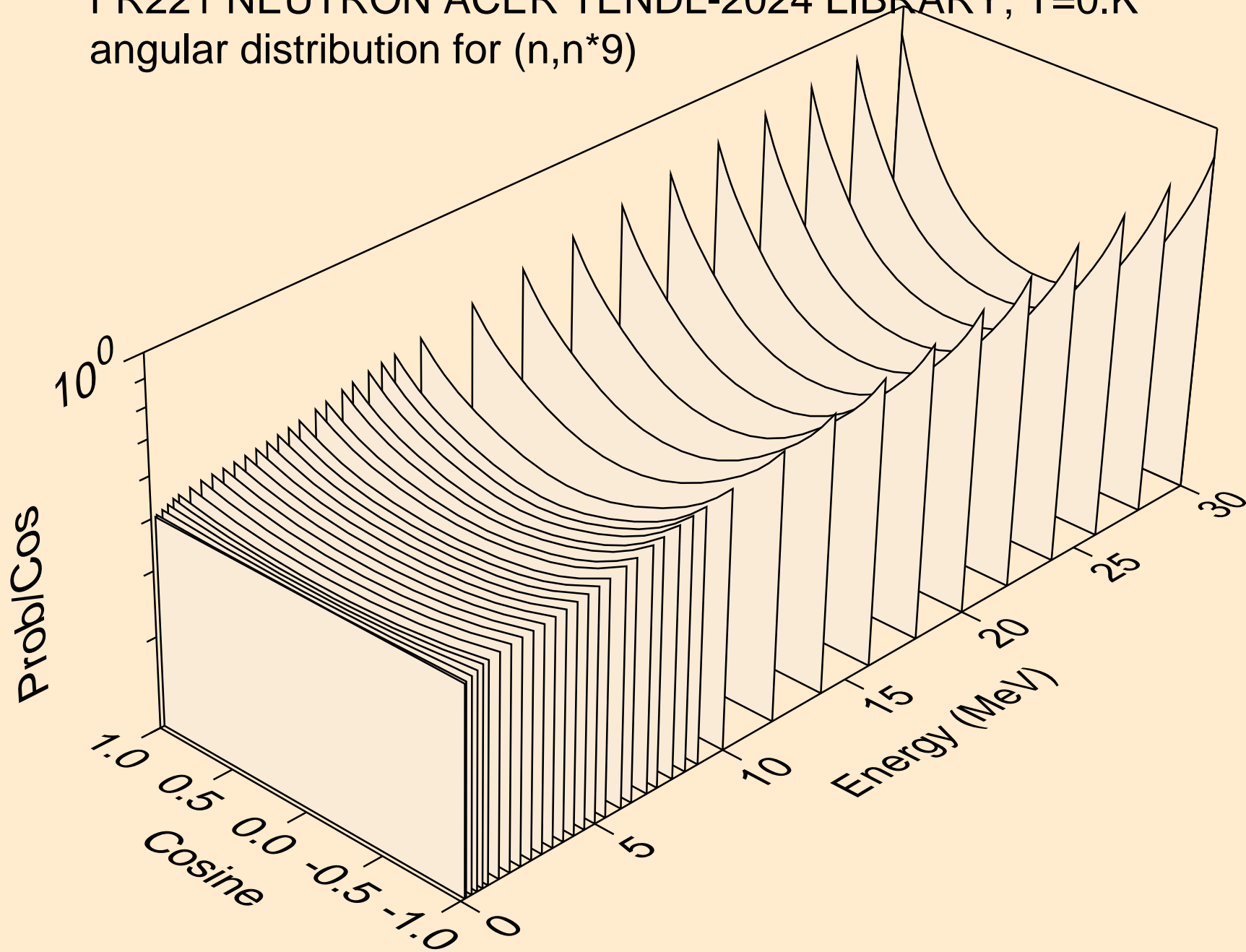
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



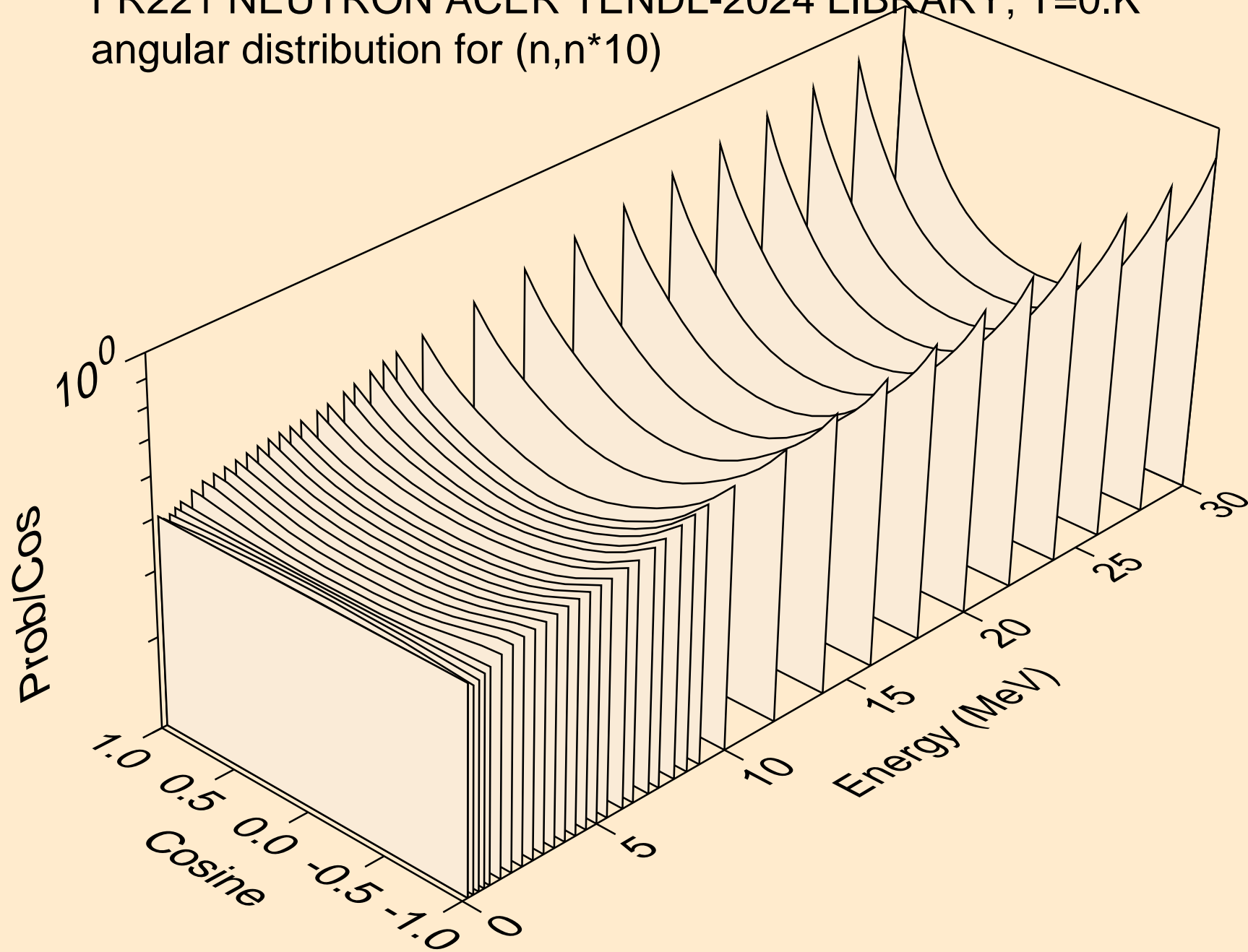
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



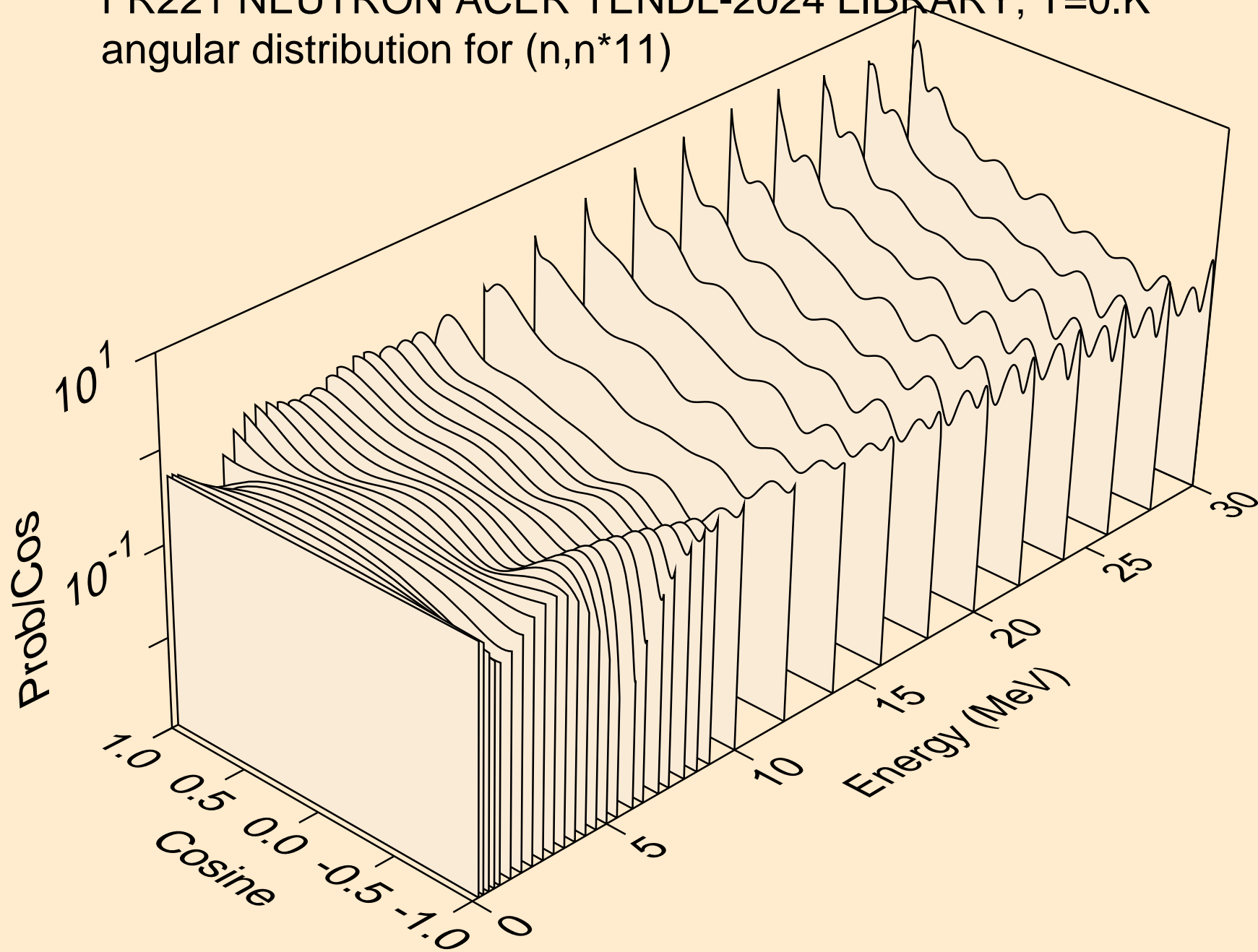
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



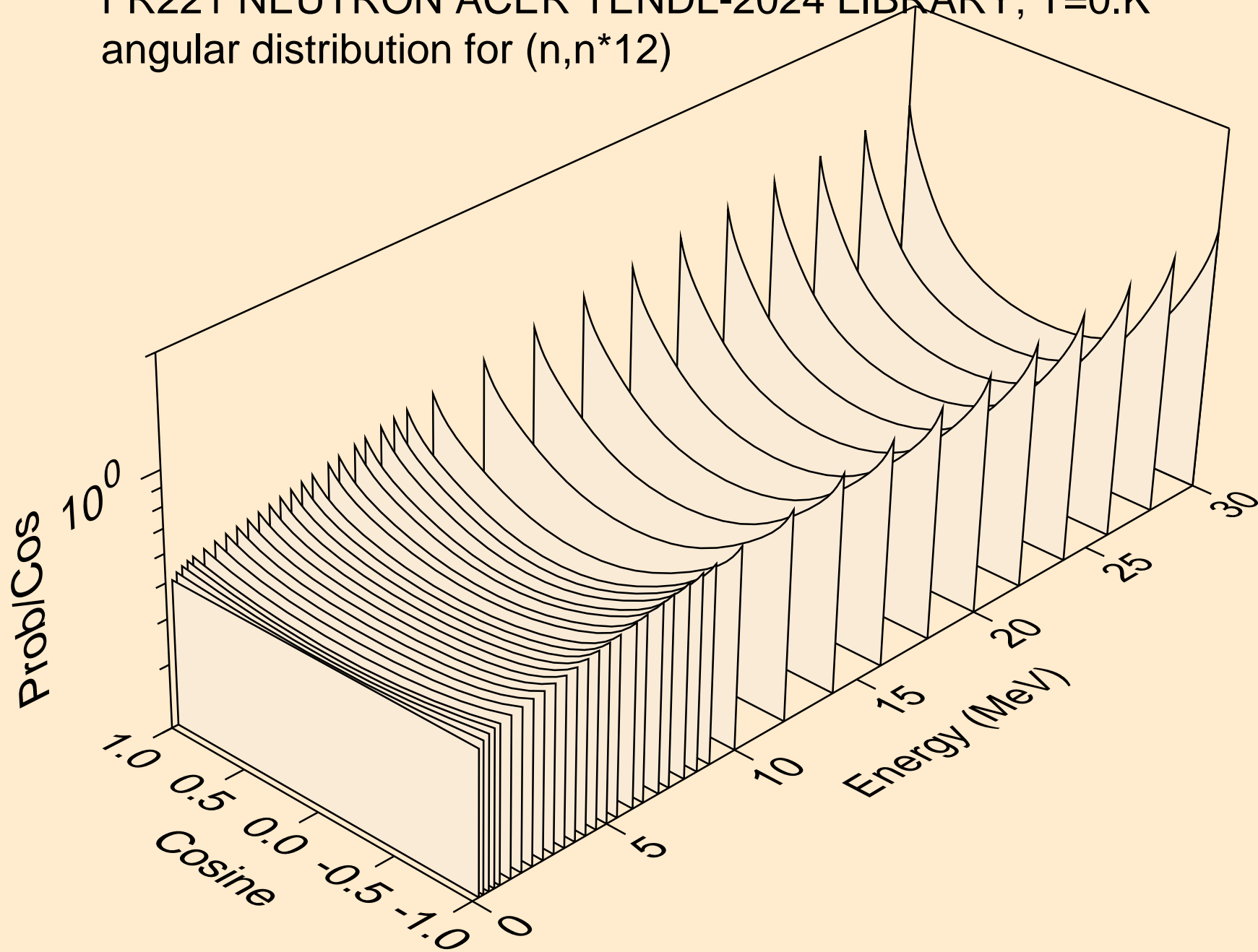
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



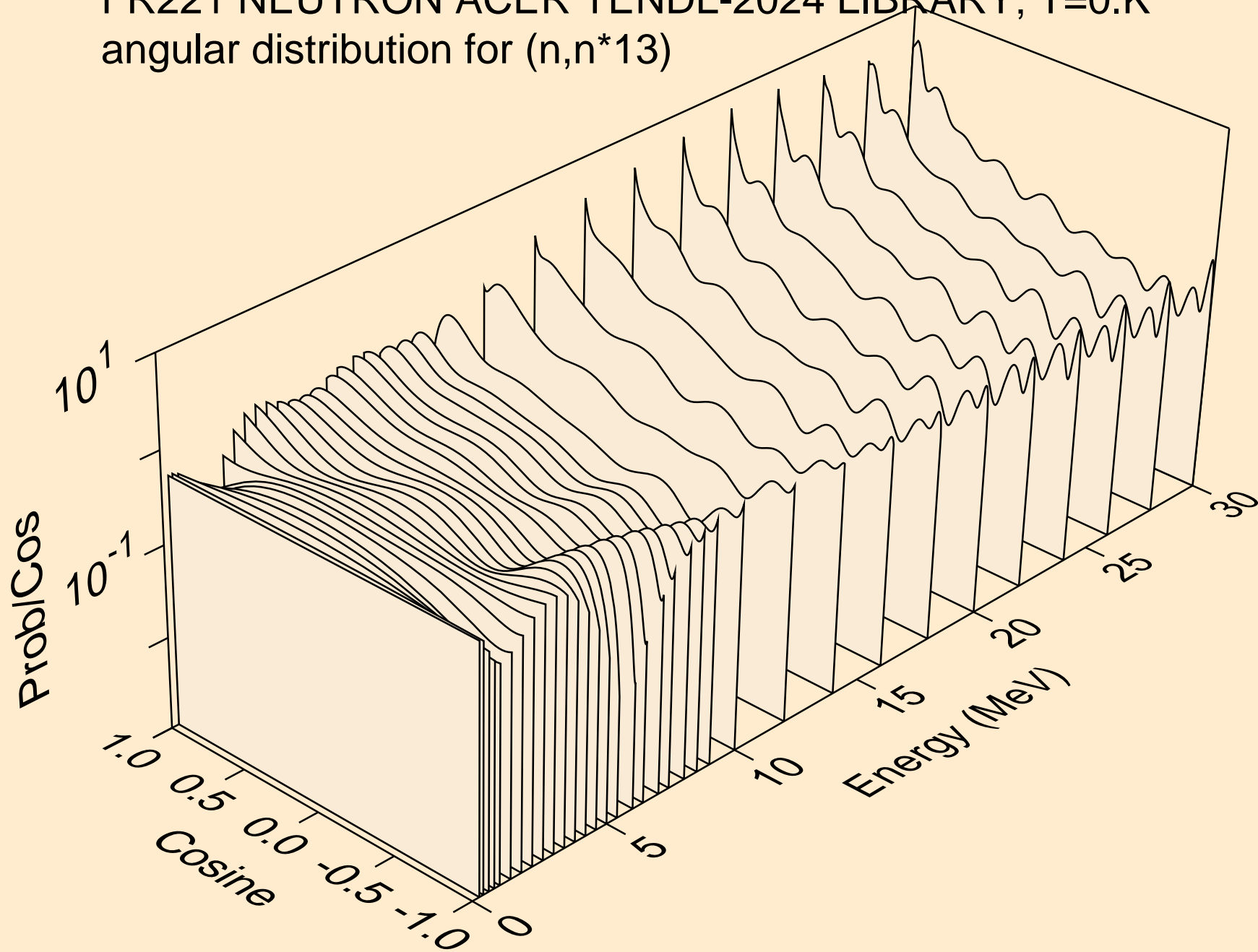
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

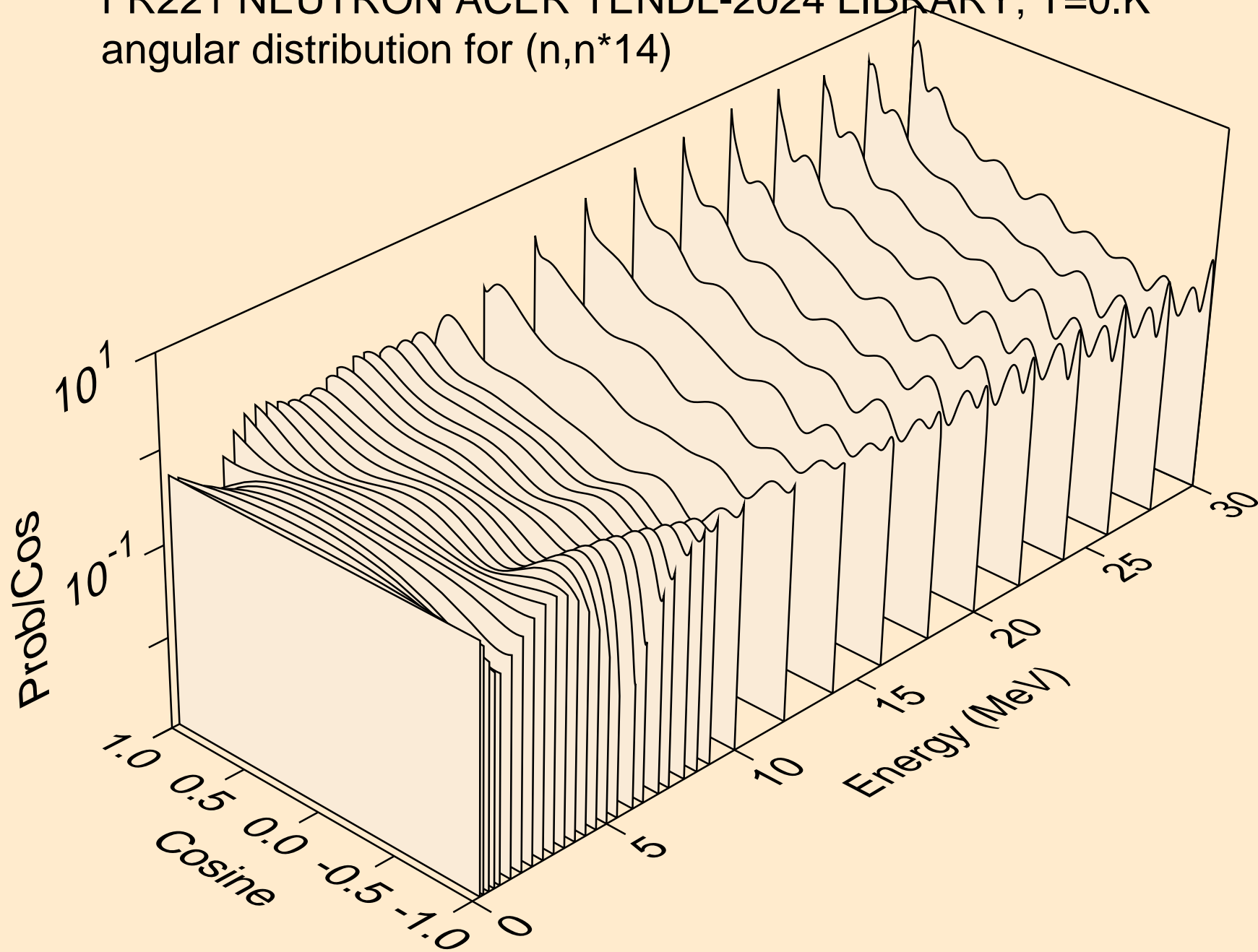


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

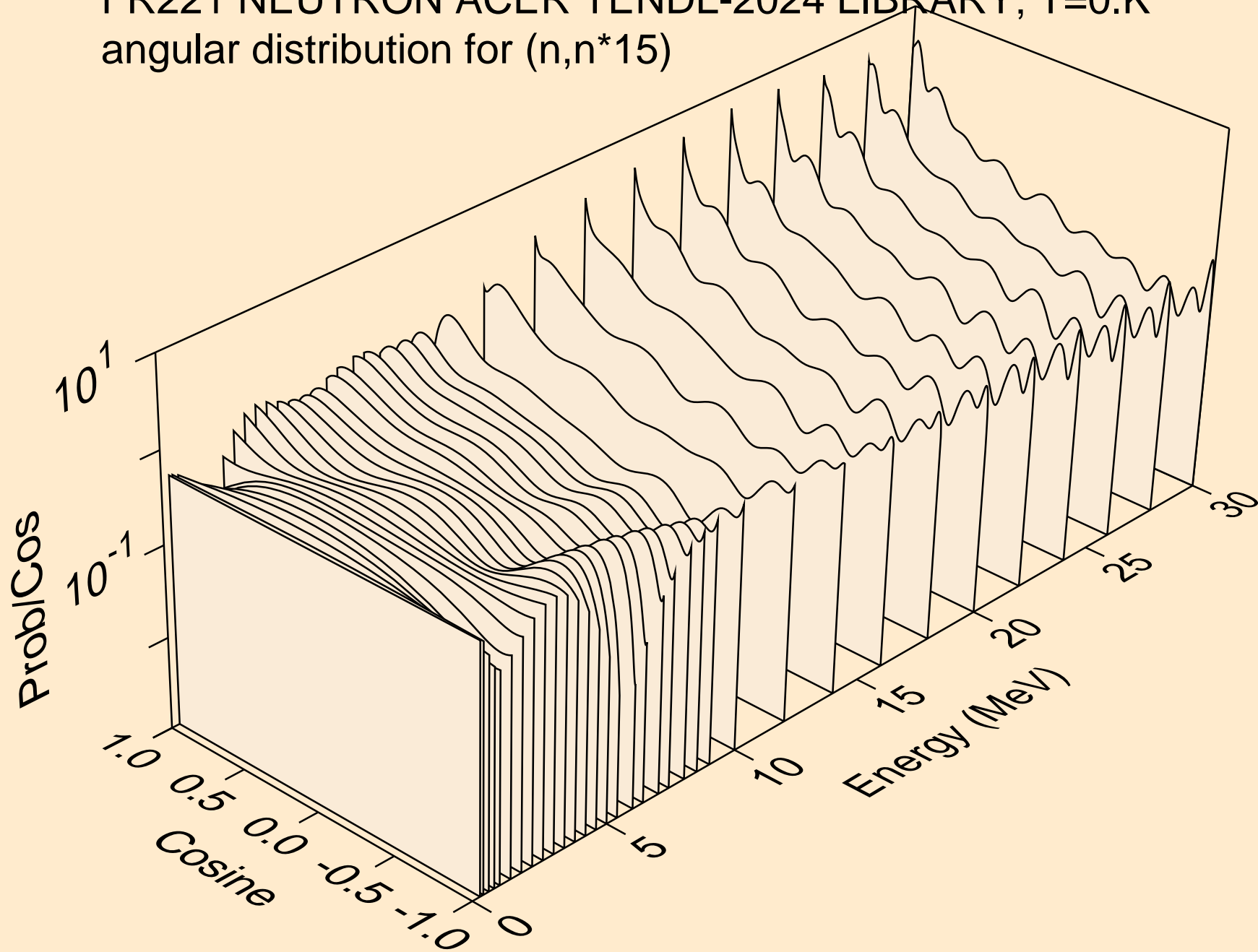




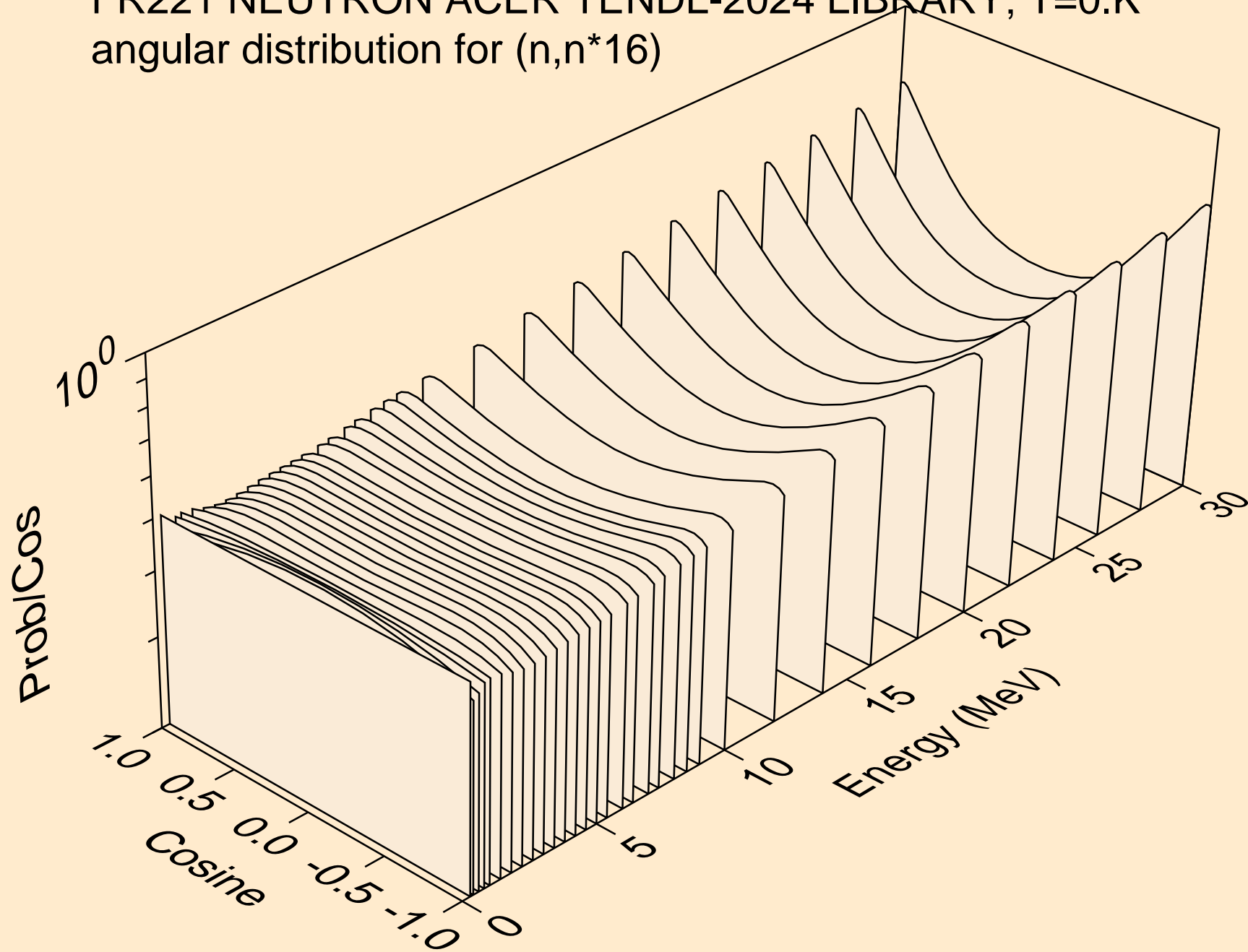
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angular distribution for (n,n\*14)



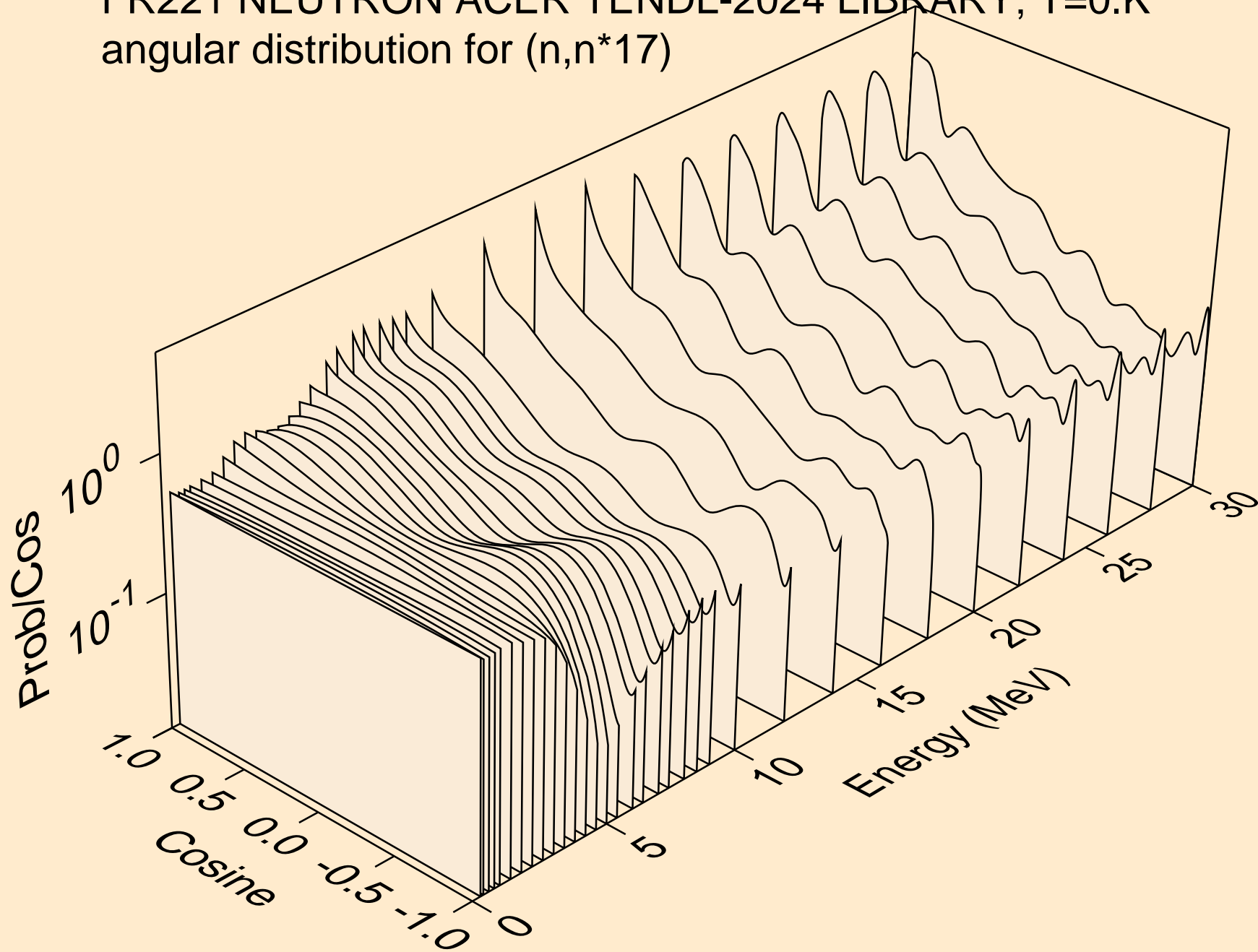
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angular distribution for (n,n\*15)



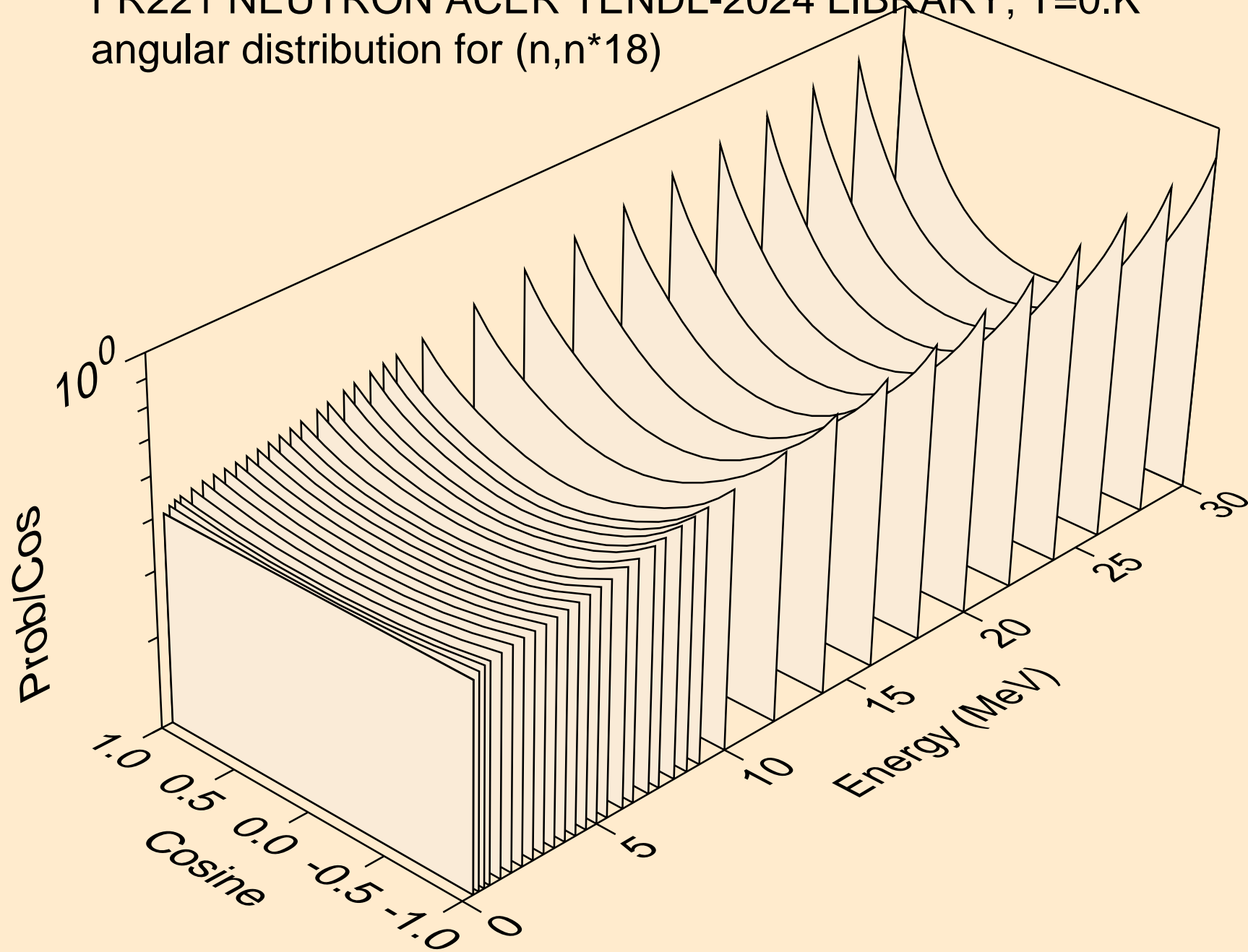
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



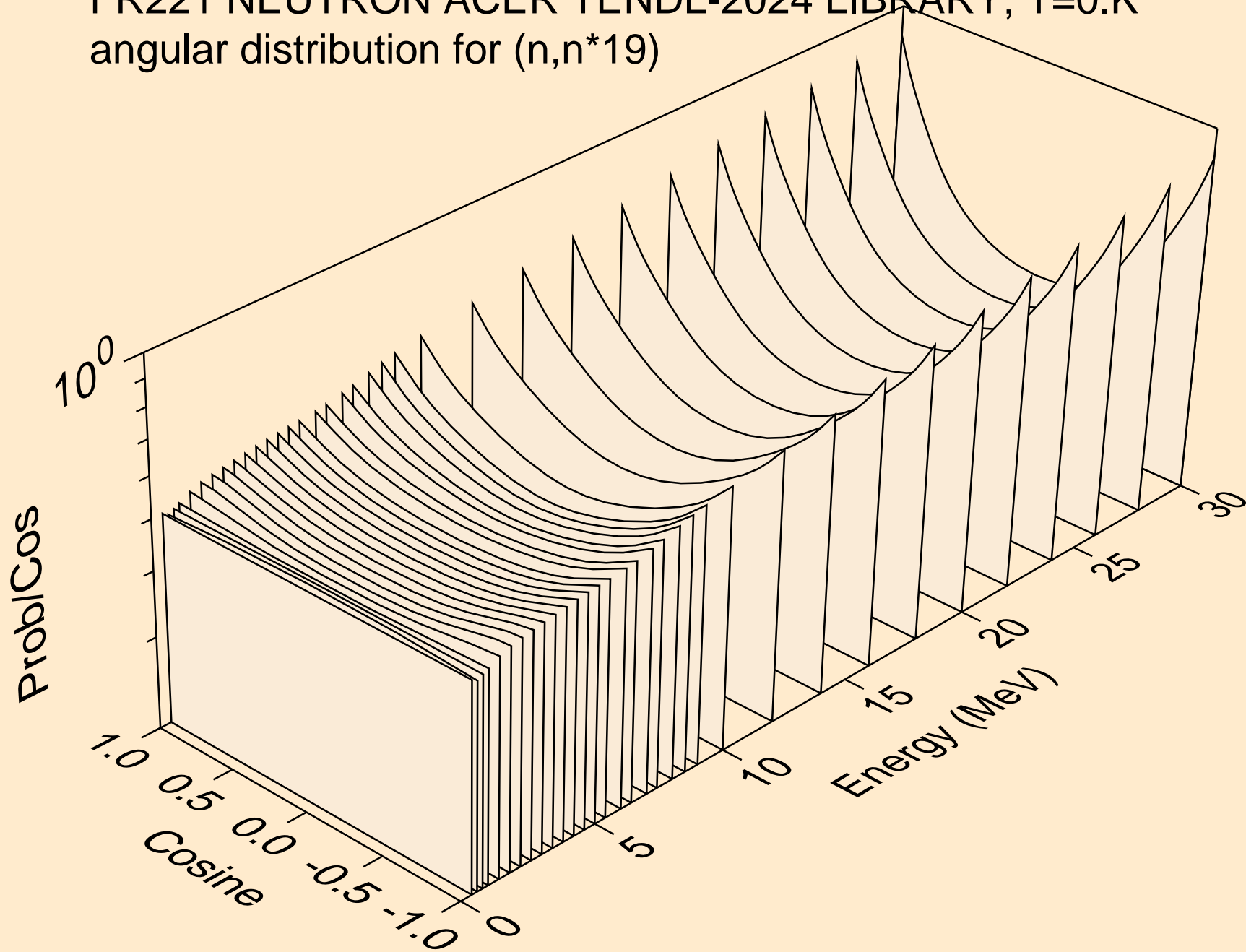
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



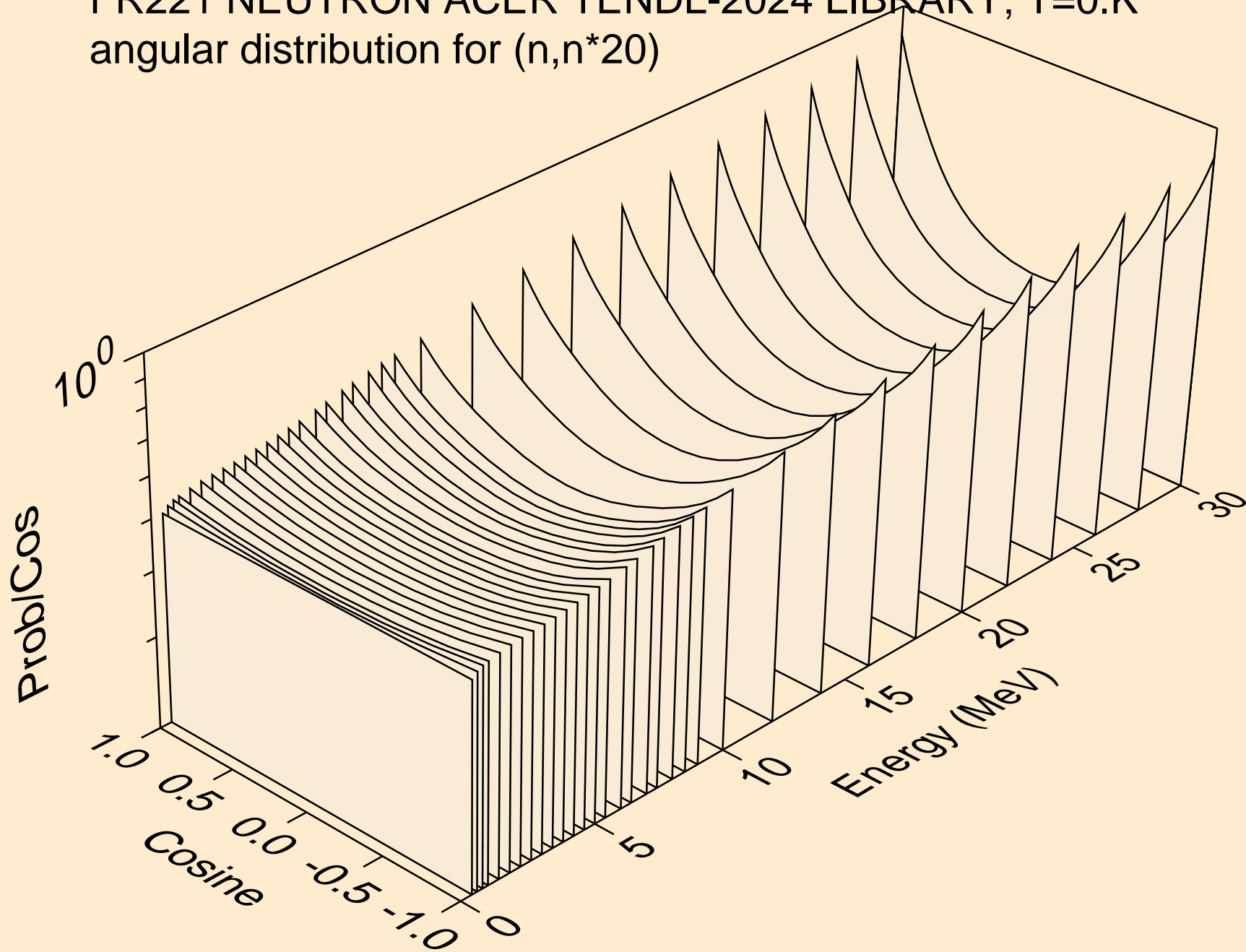
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angular distribution for (n,n\*18)



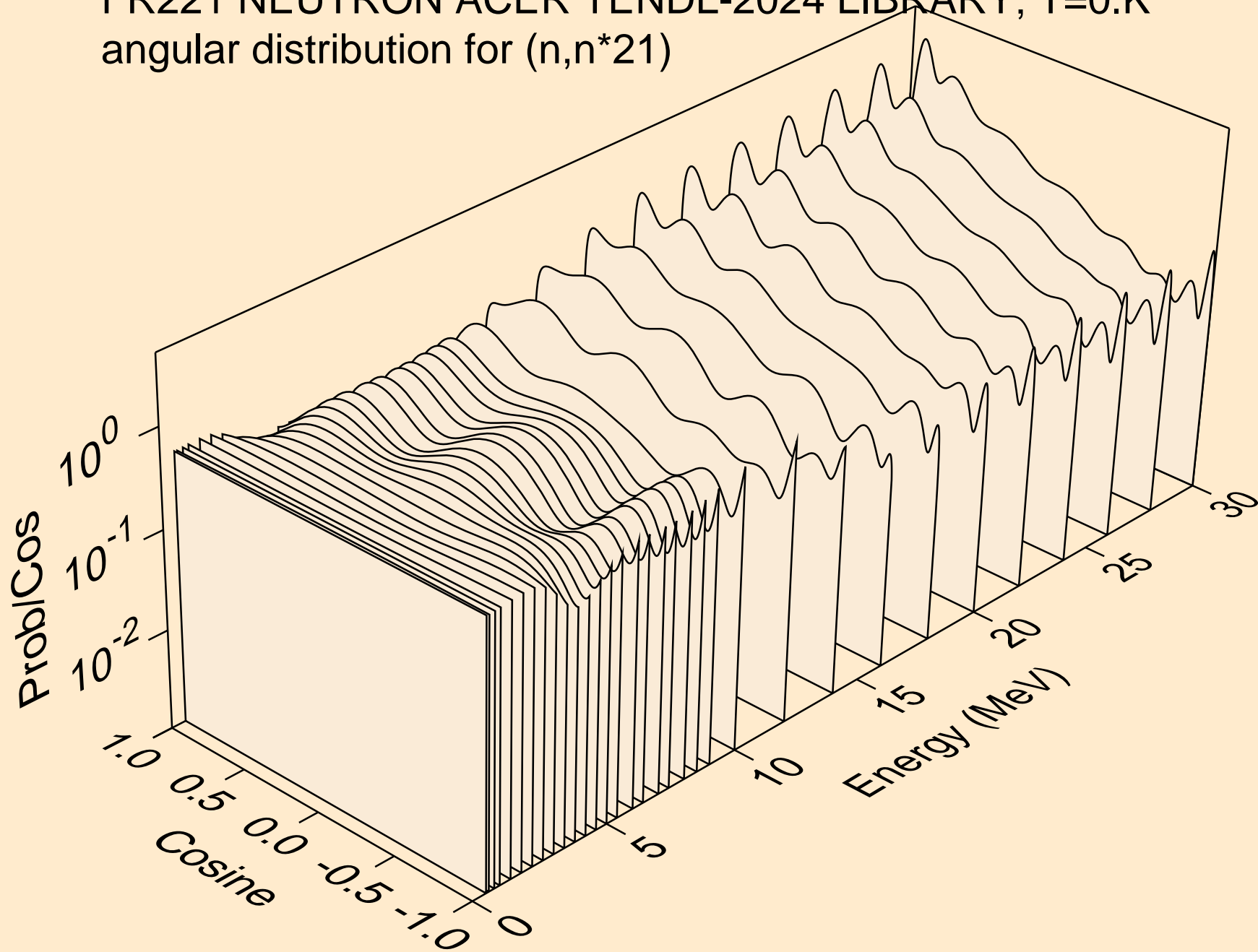
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

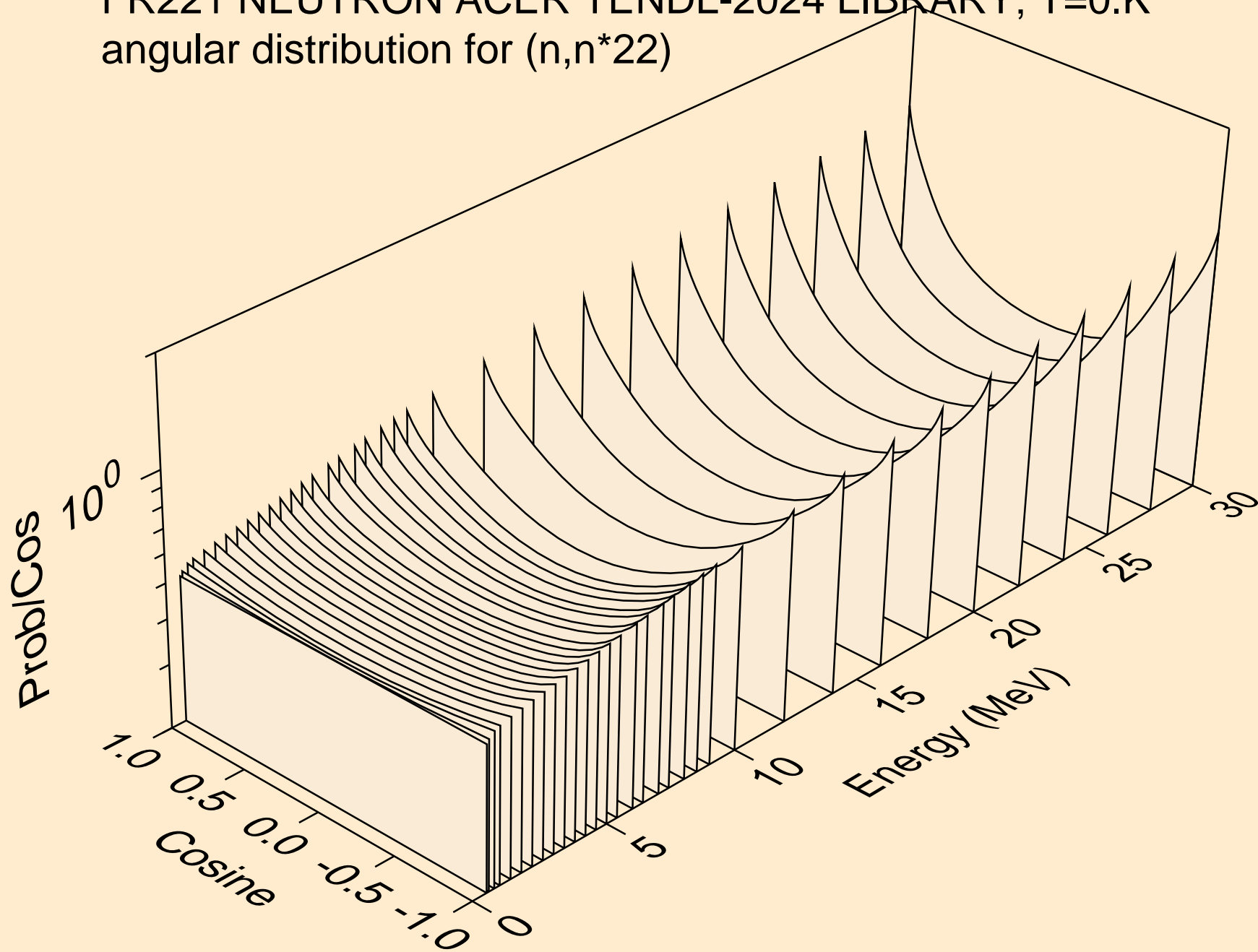


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

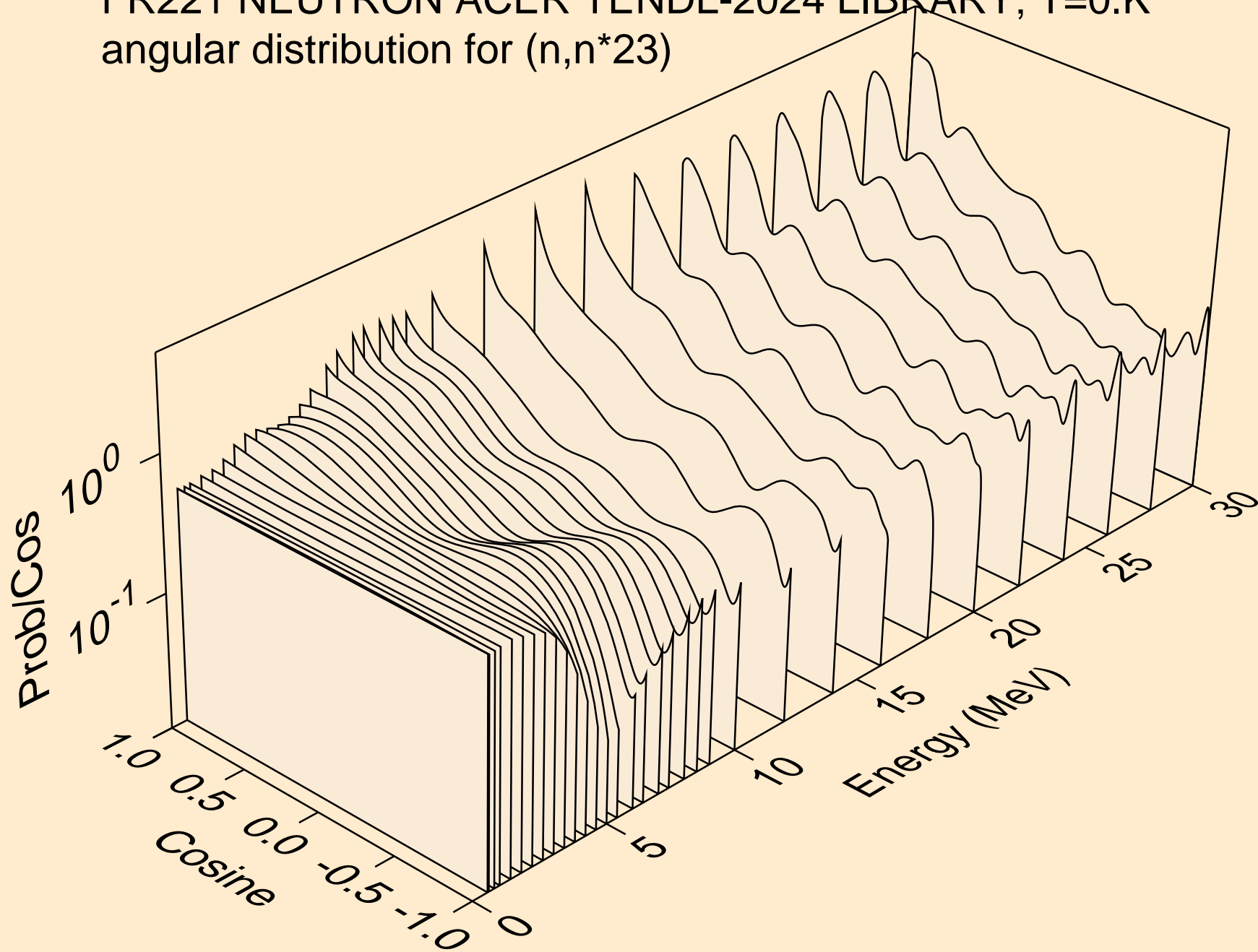




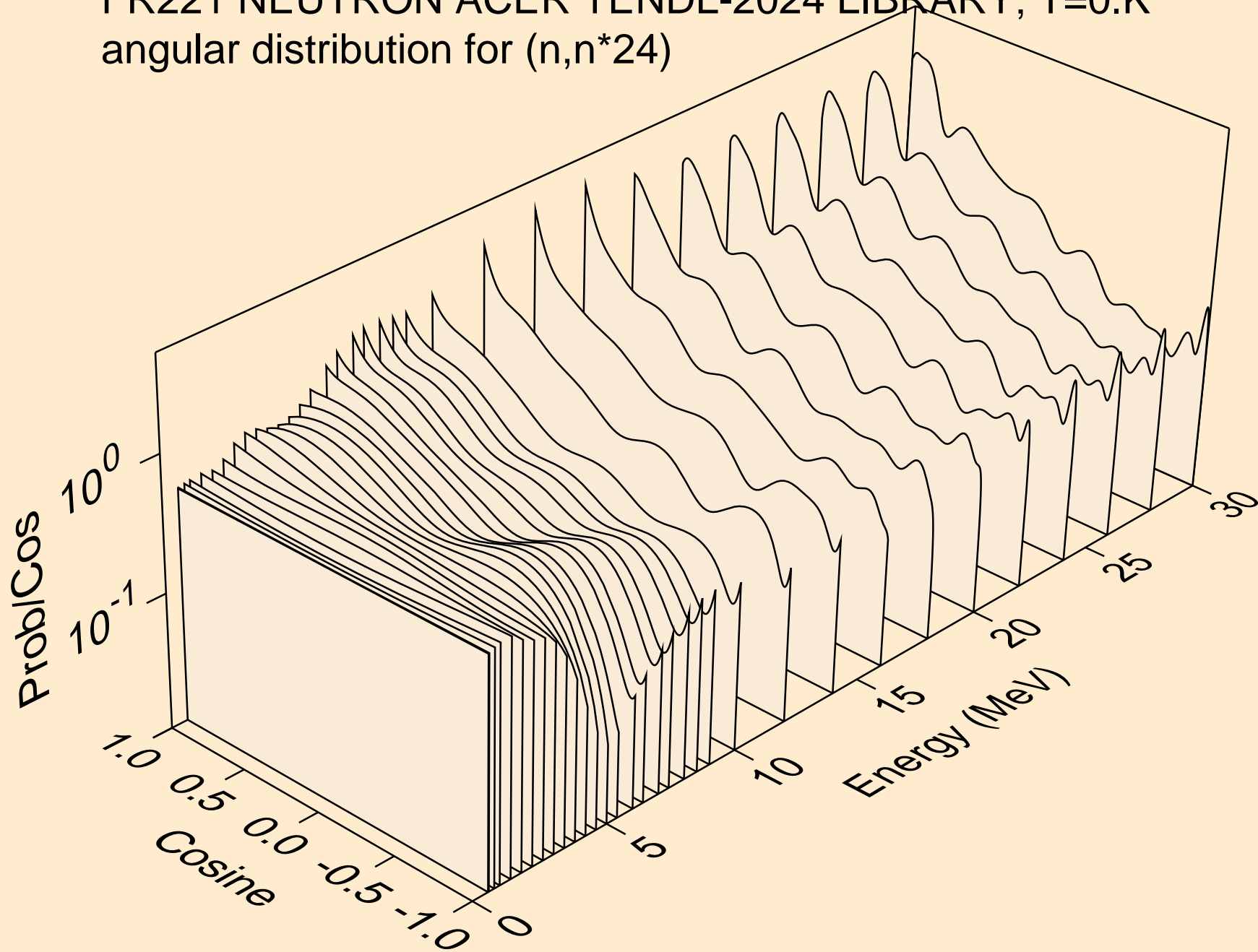
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



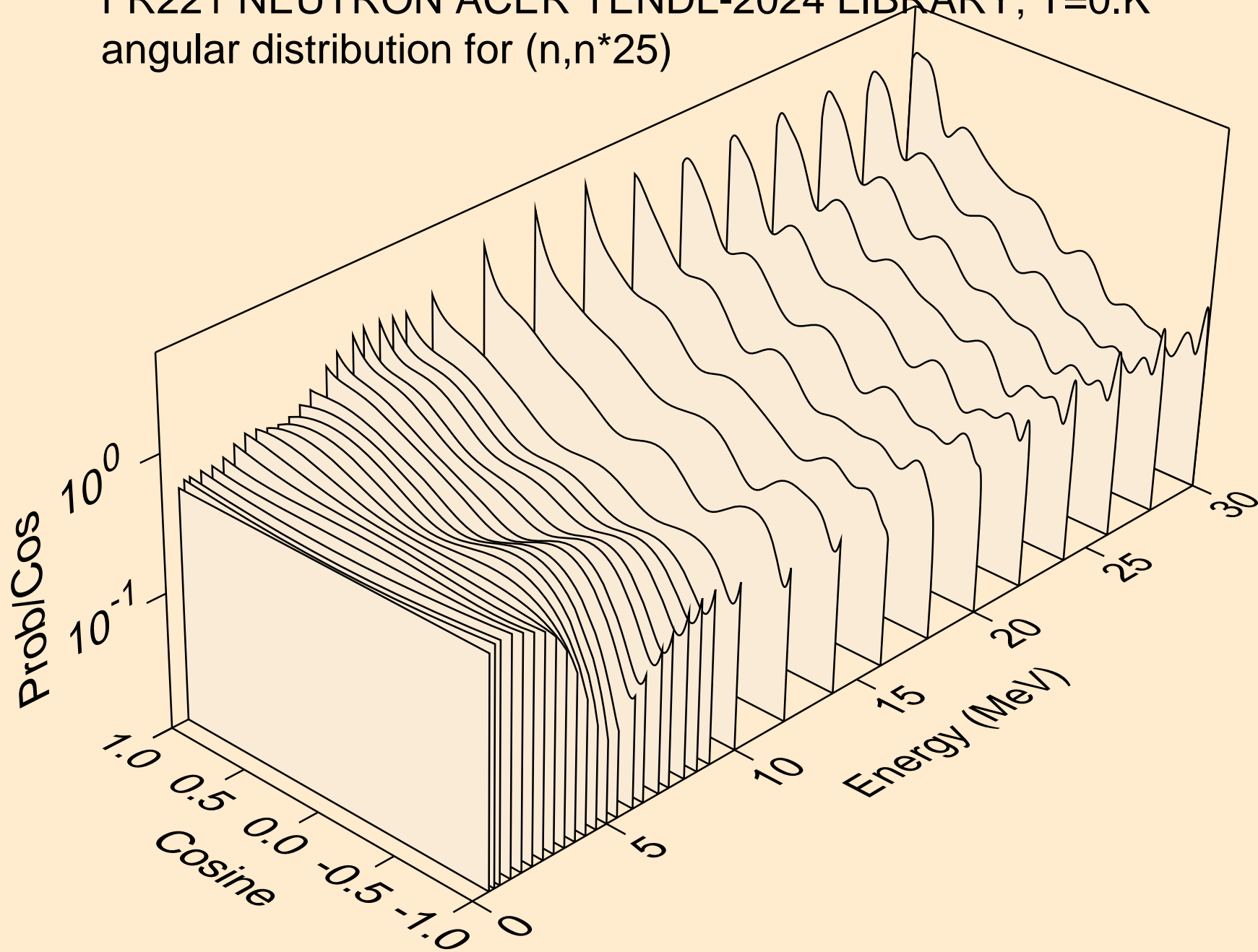
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



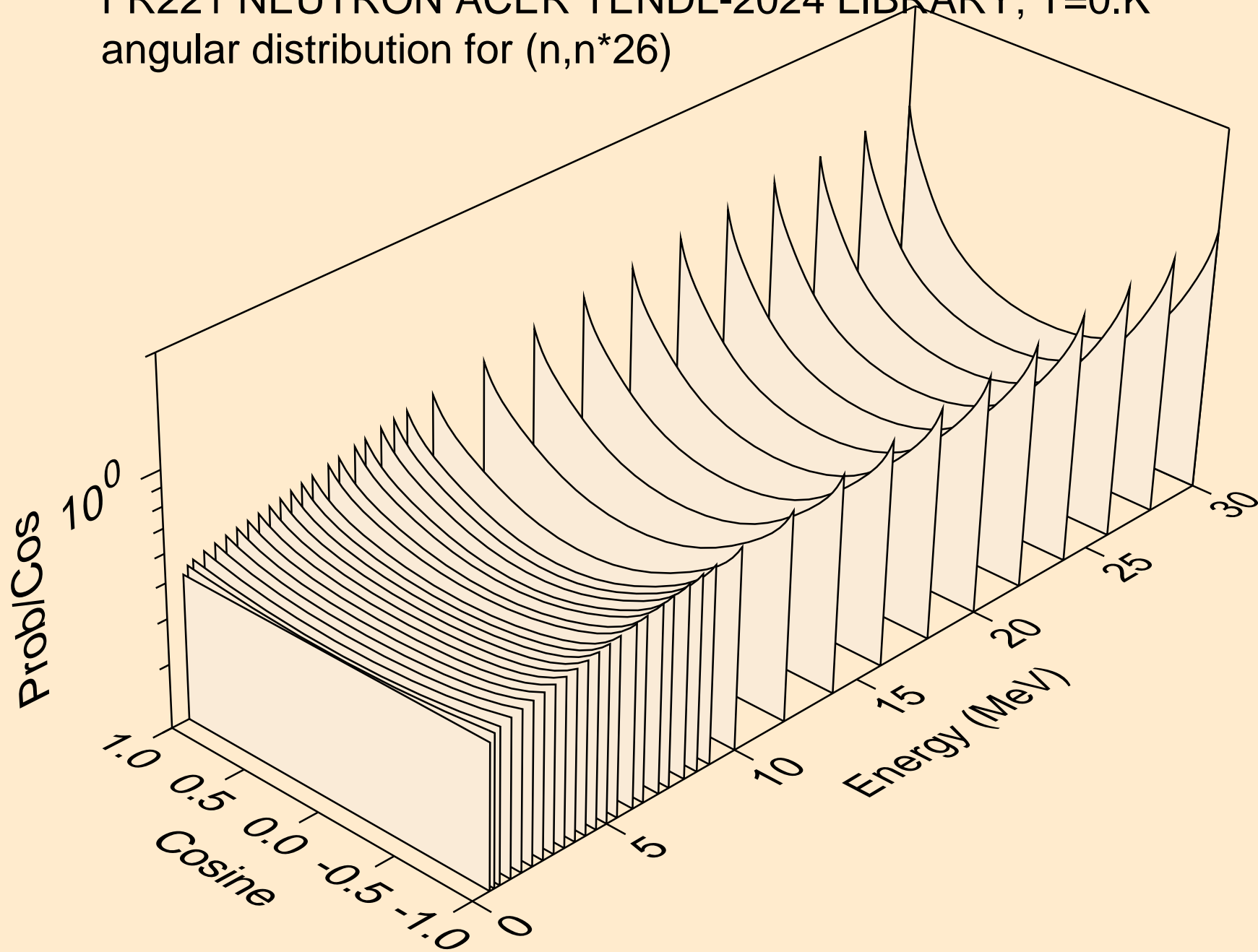
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



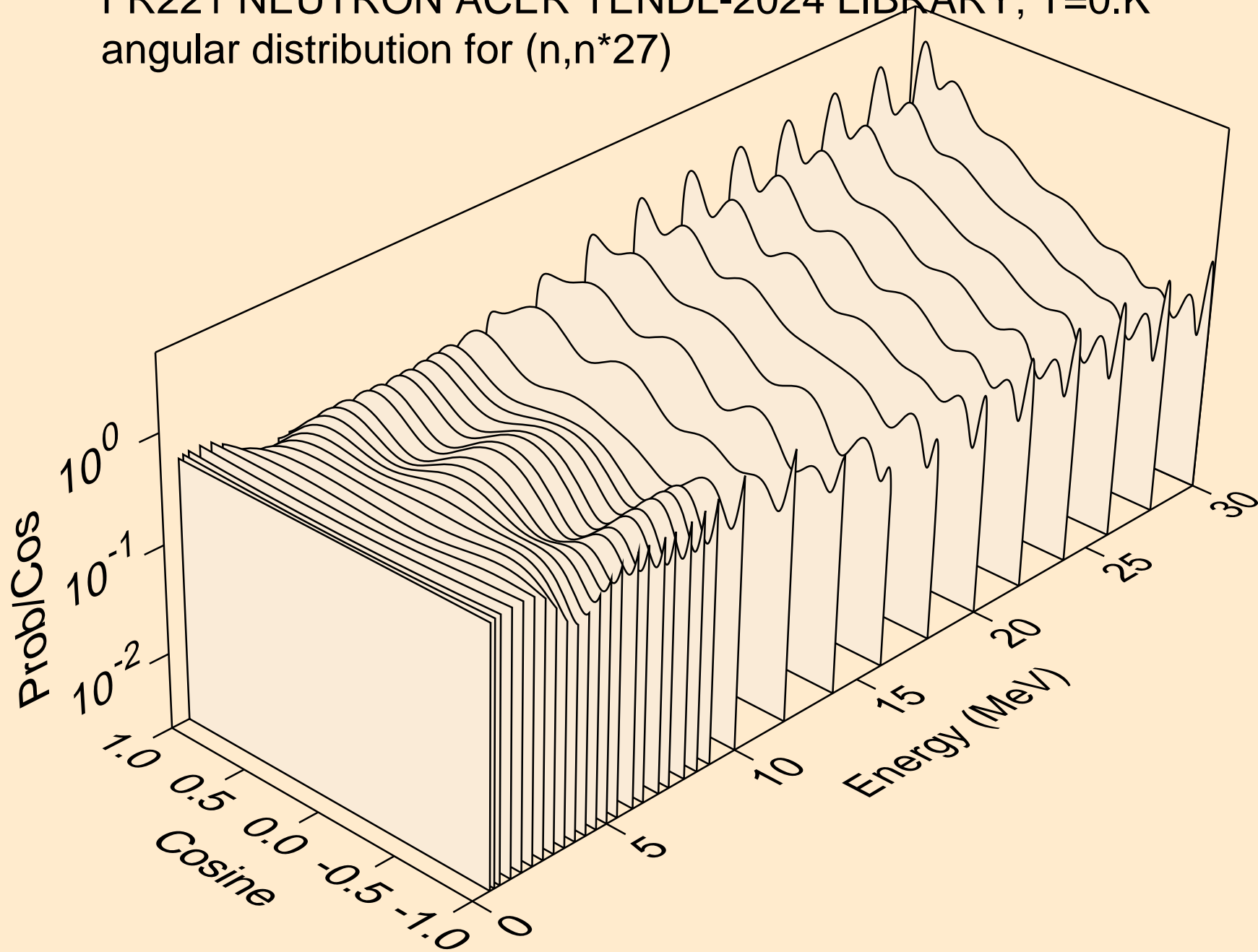
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



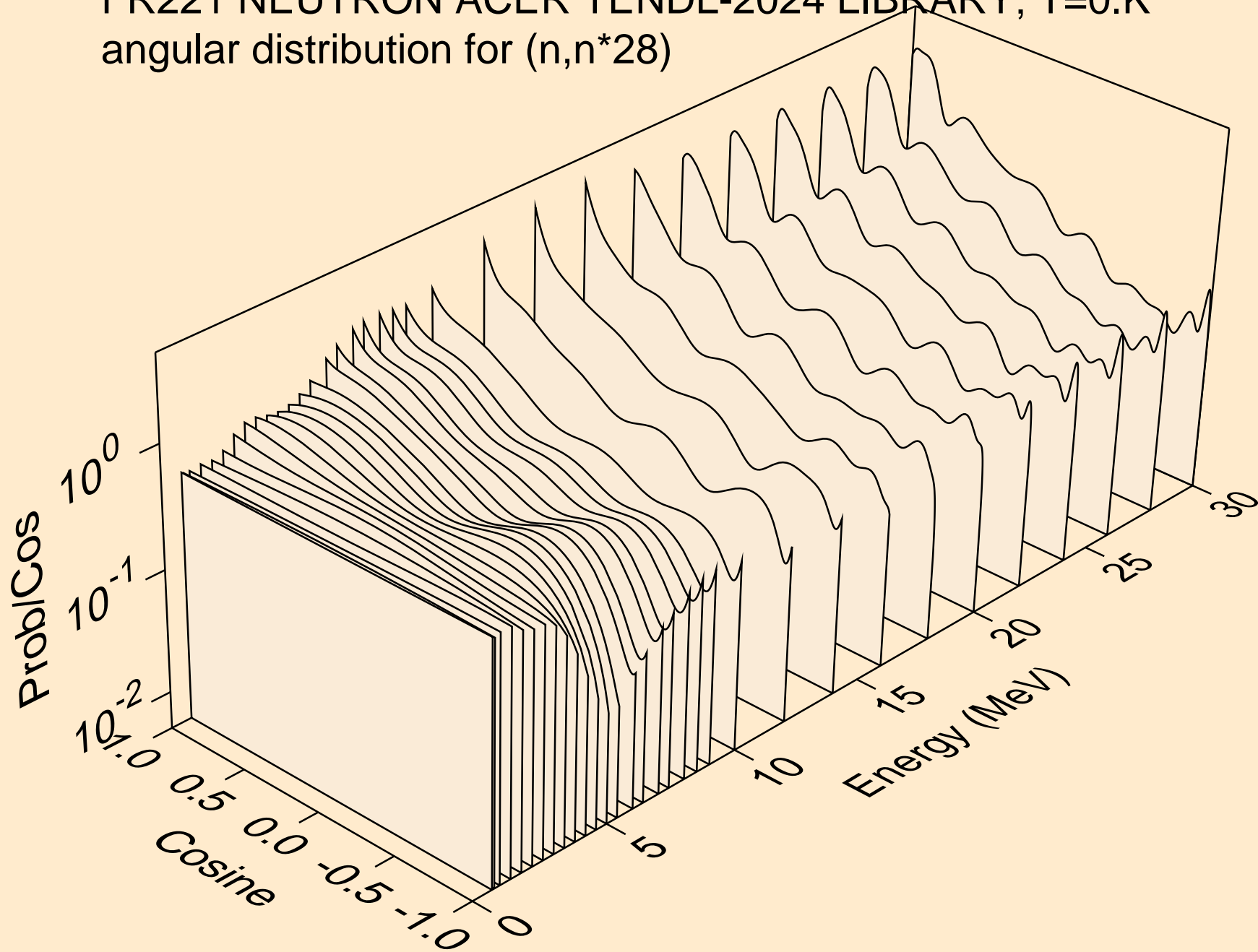
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

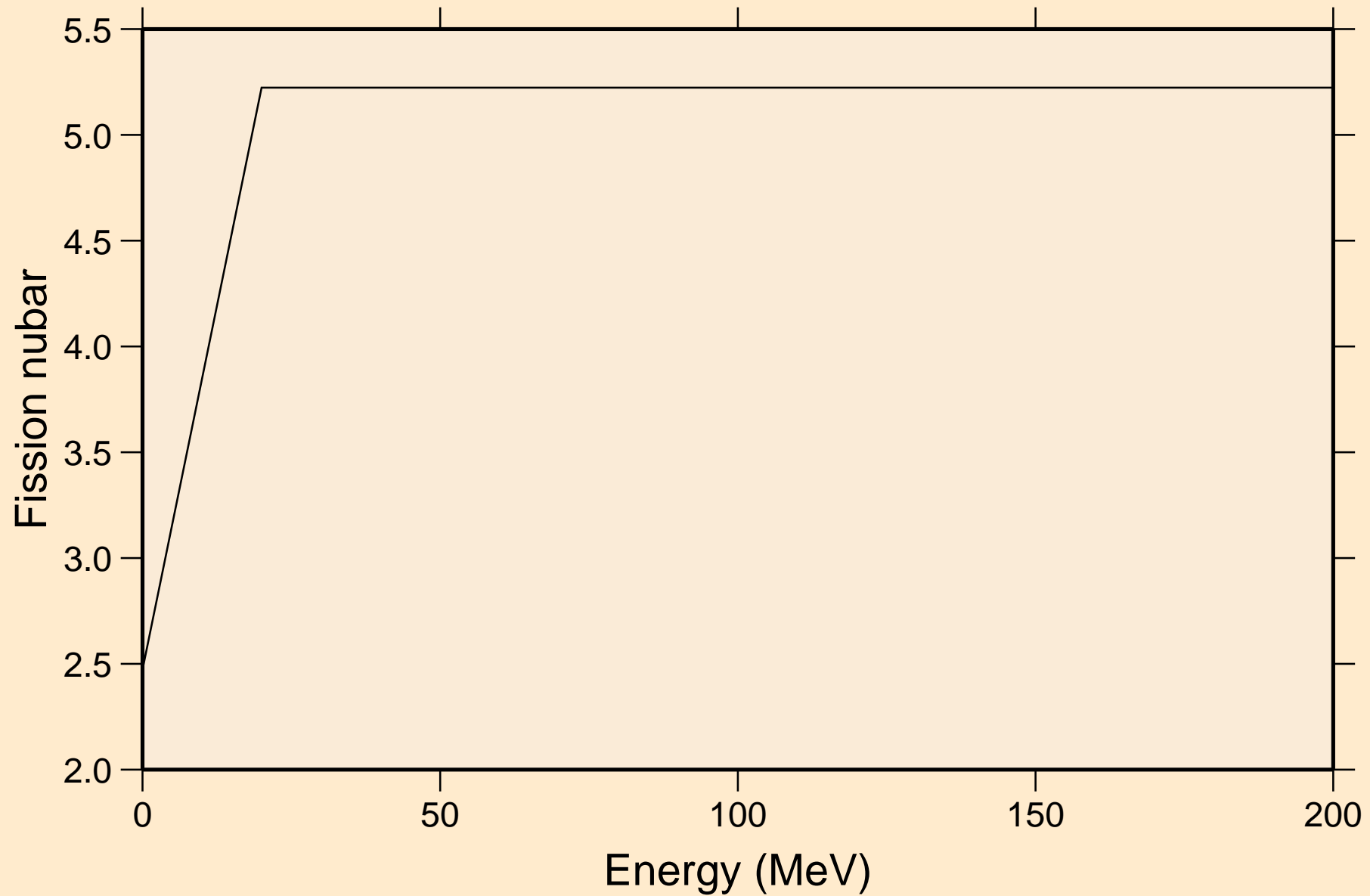


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



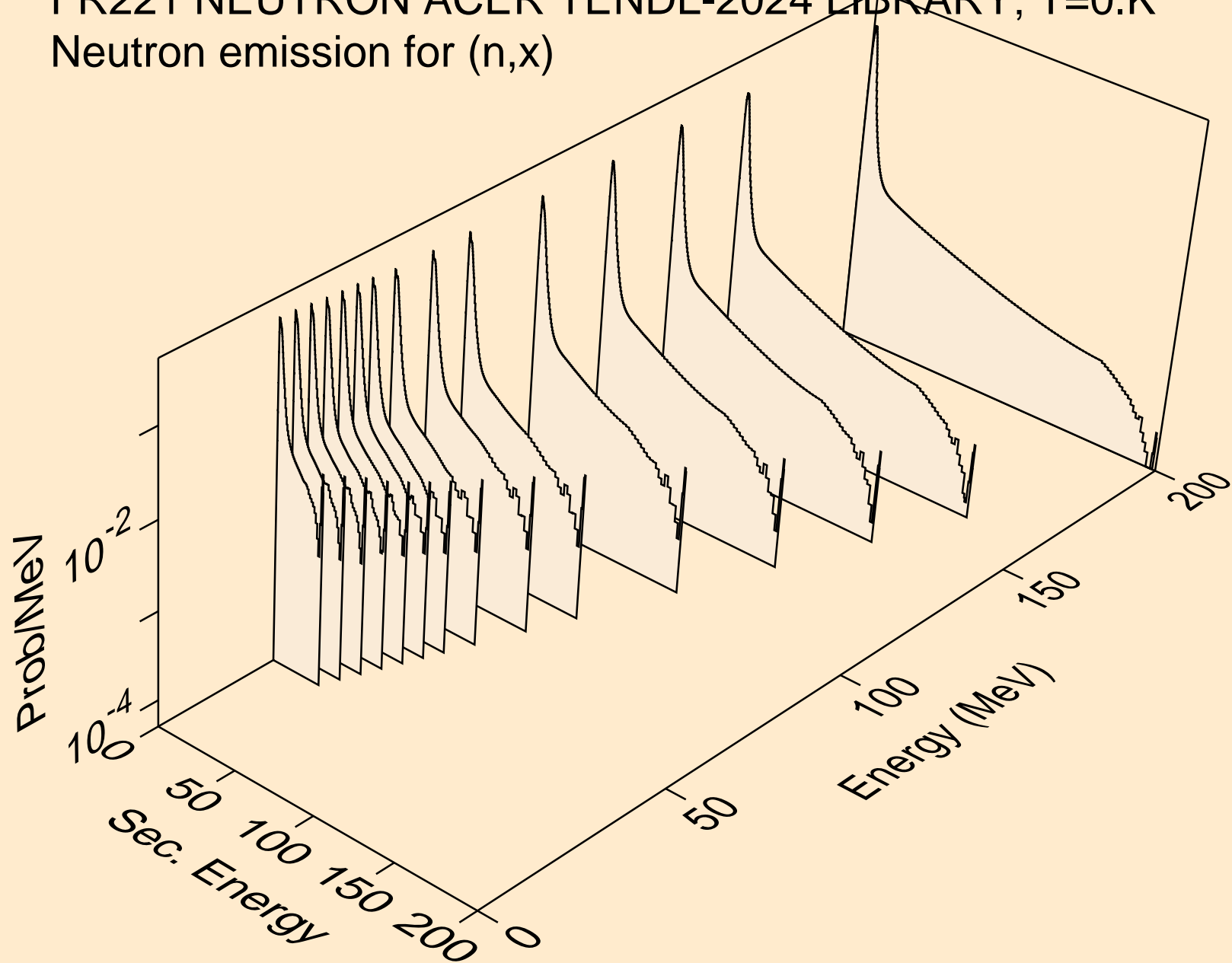
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Total fission nubar

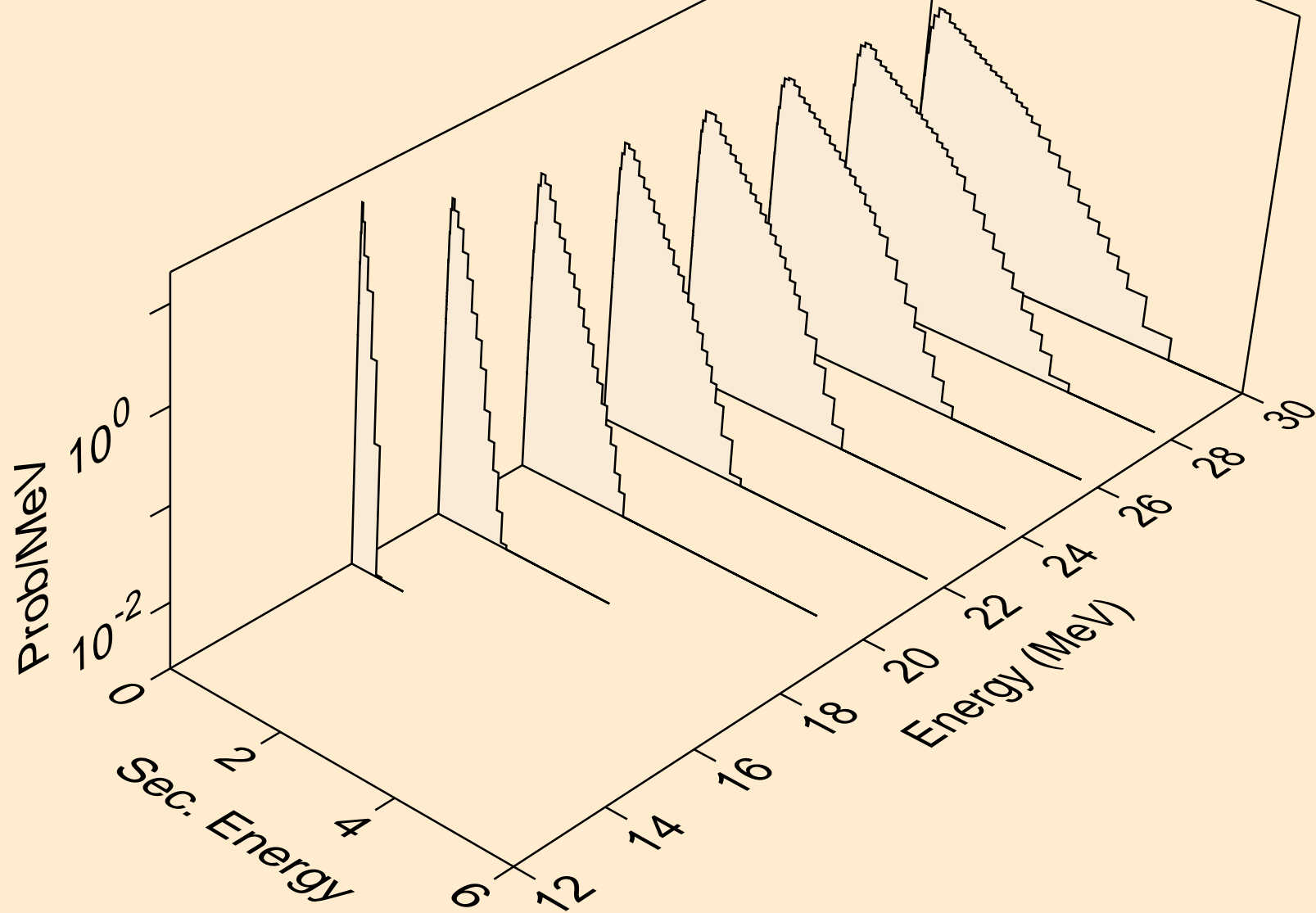




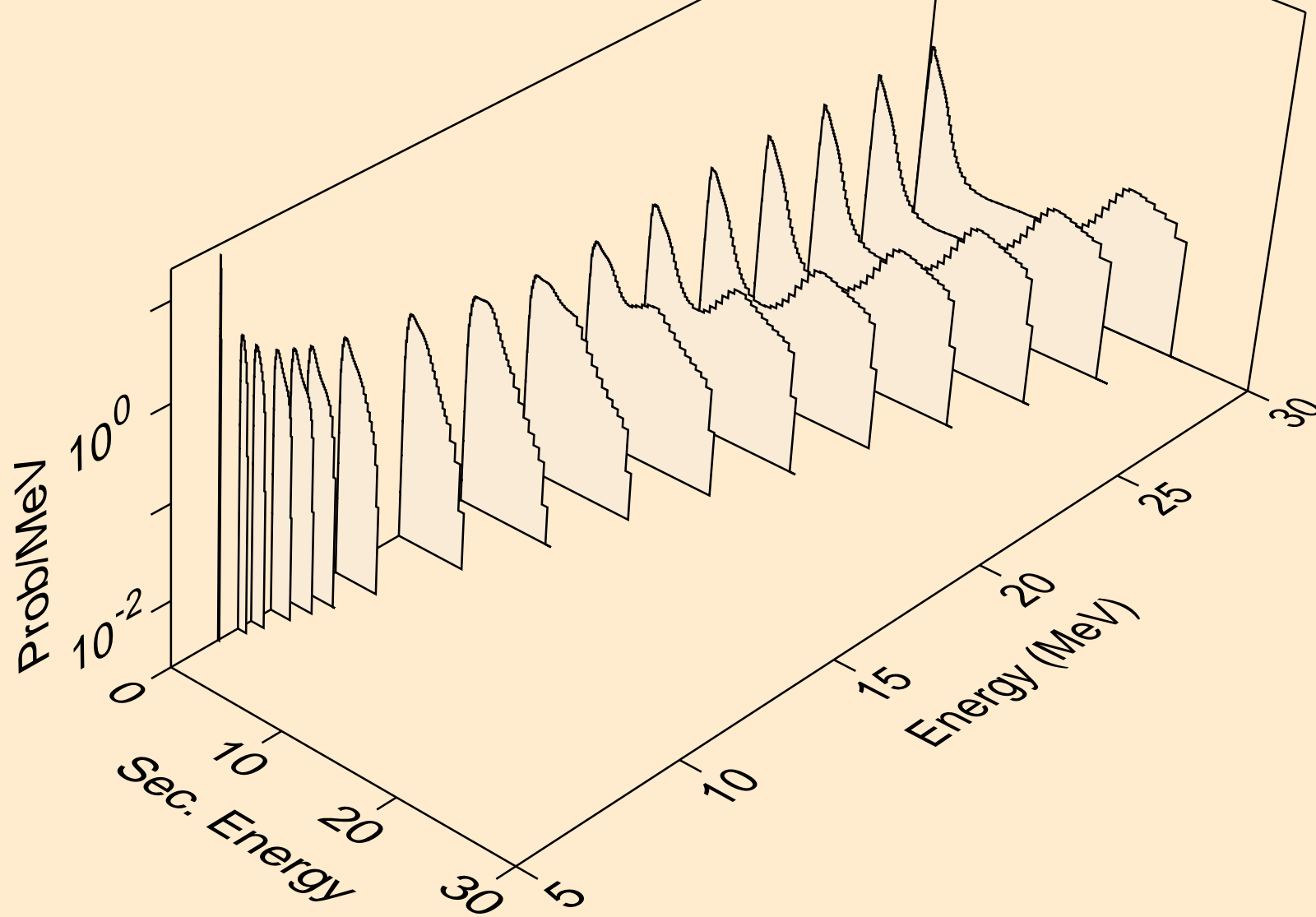
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



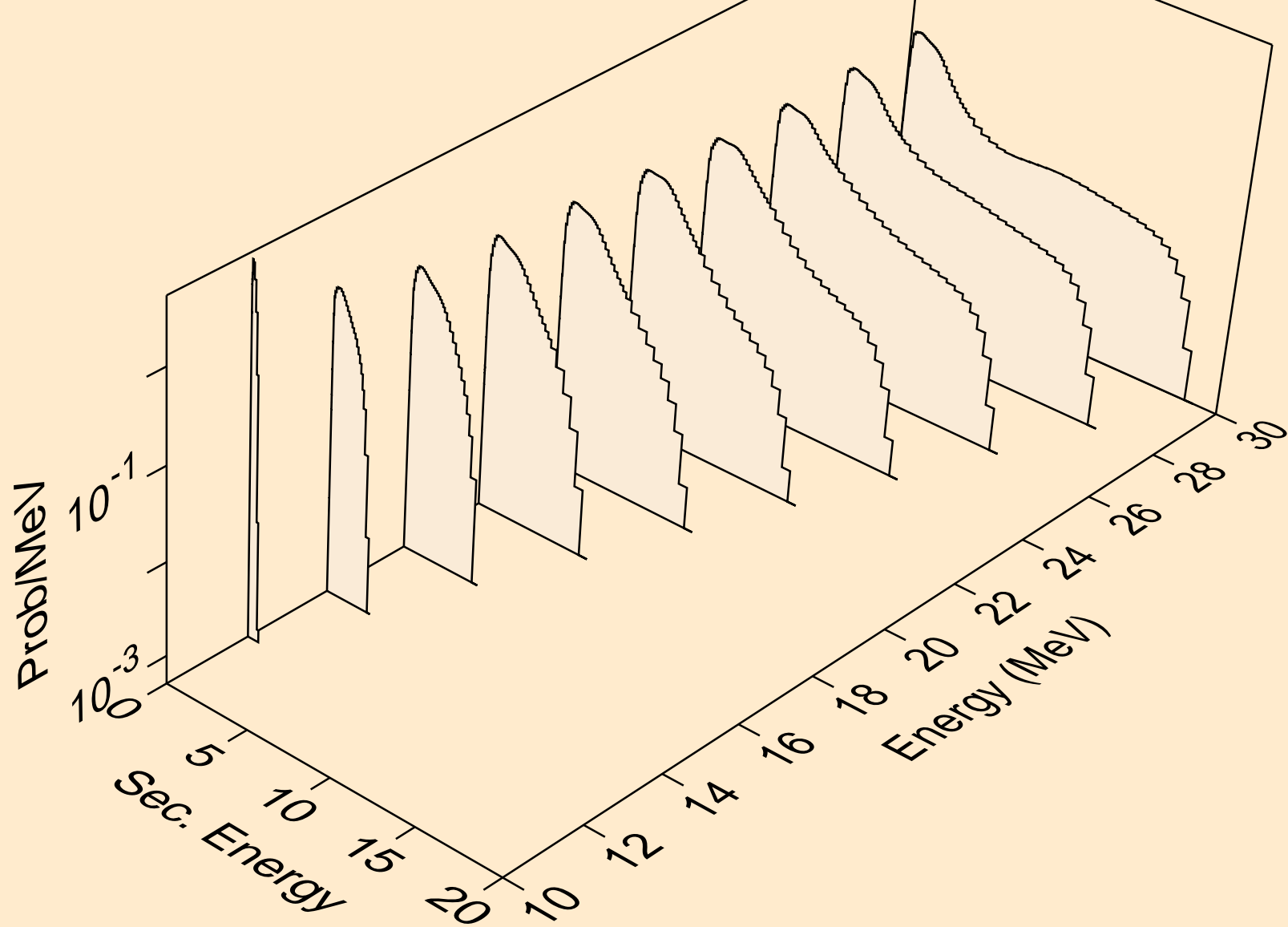
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



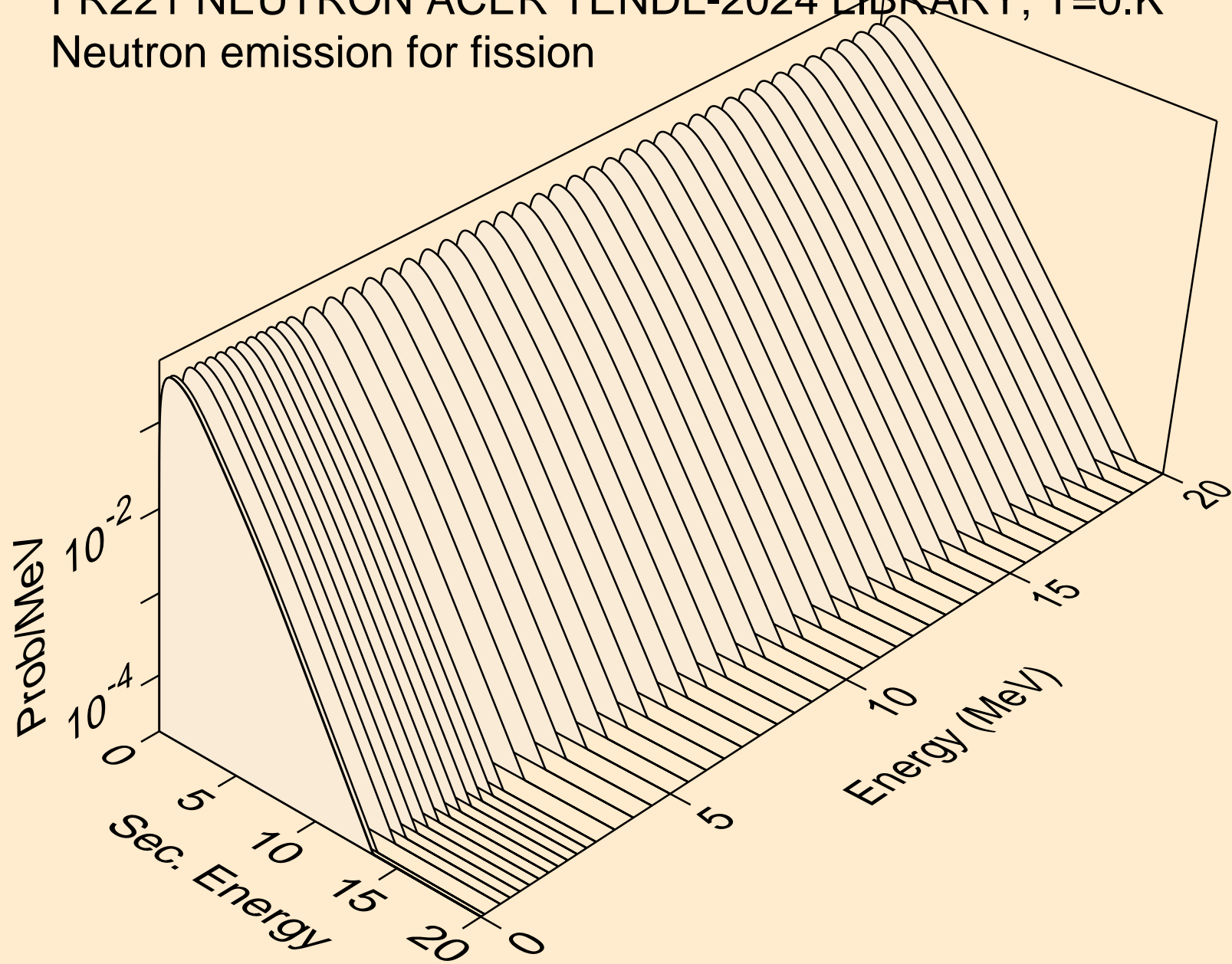
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



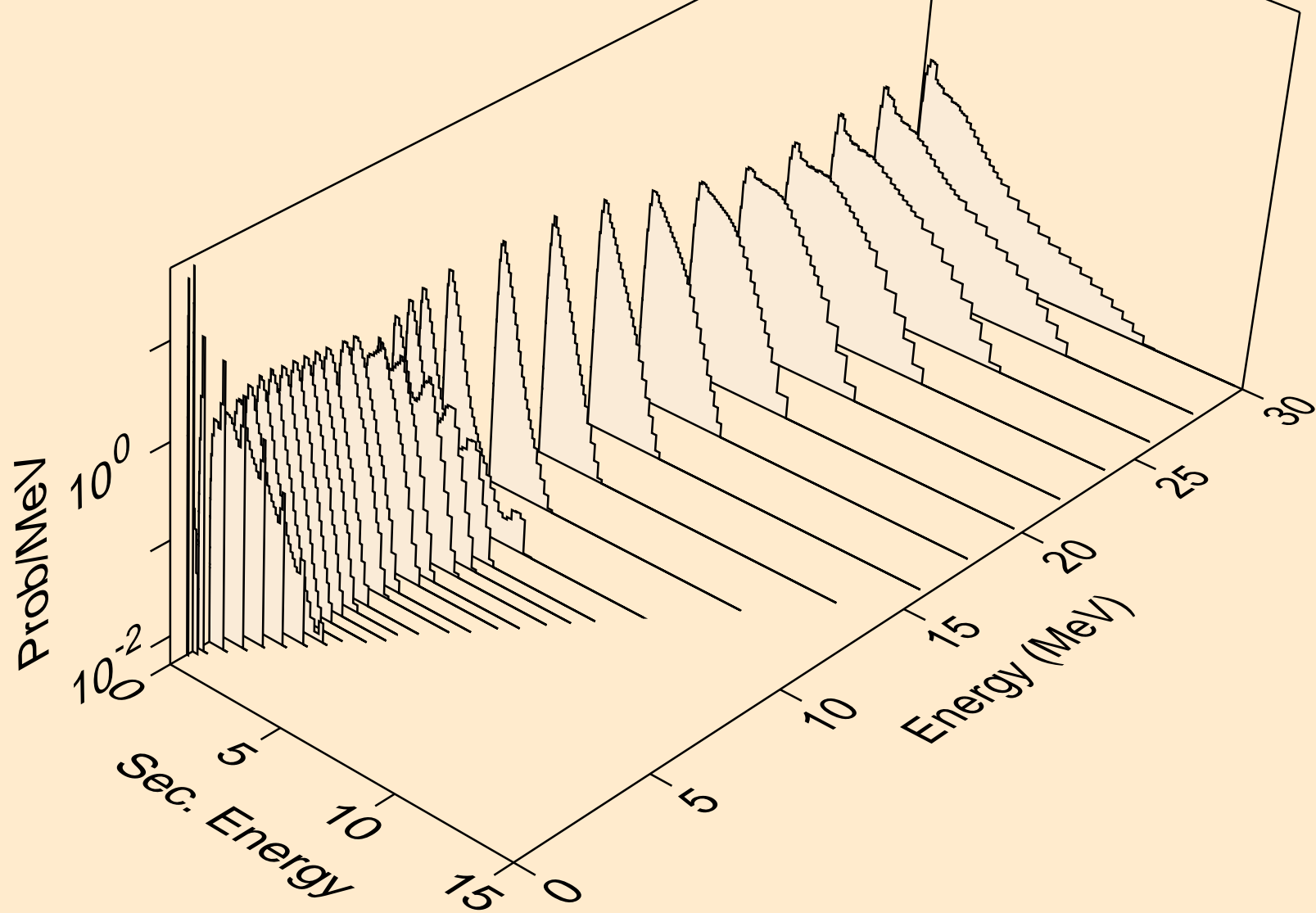
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



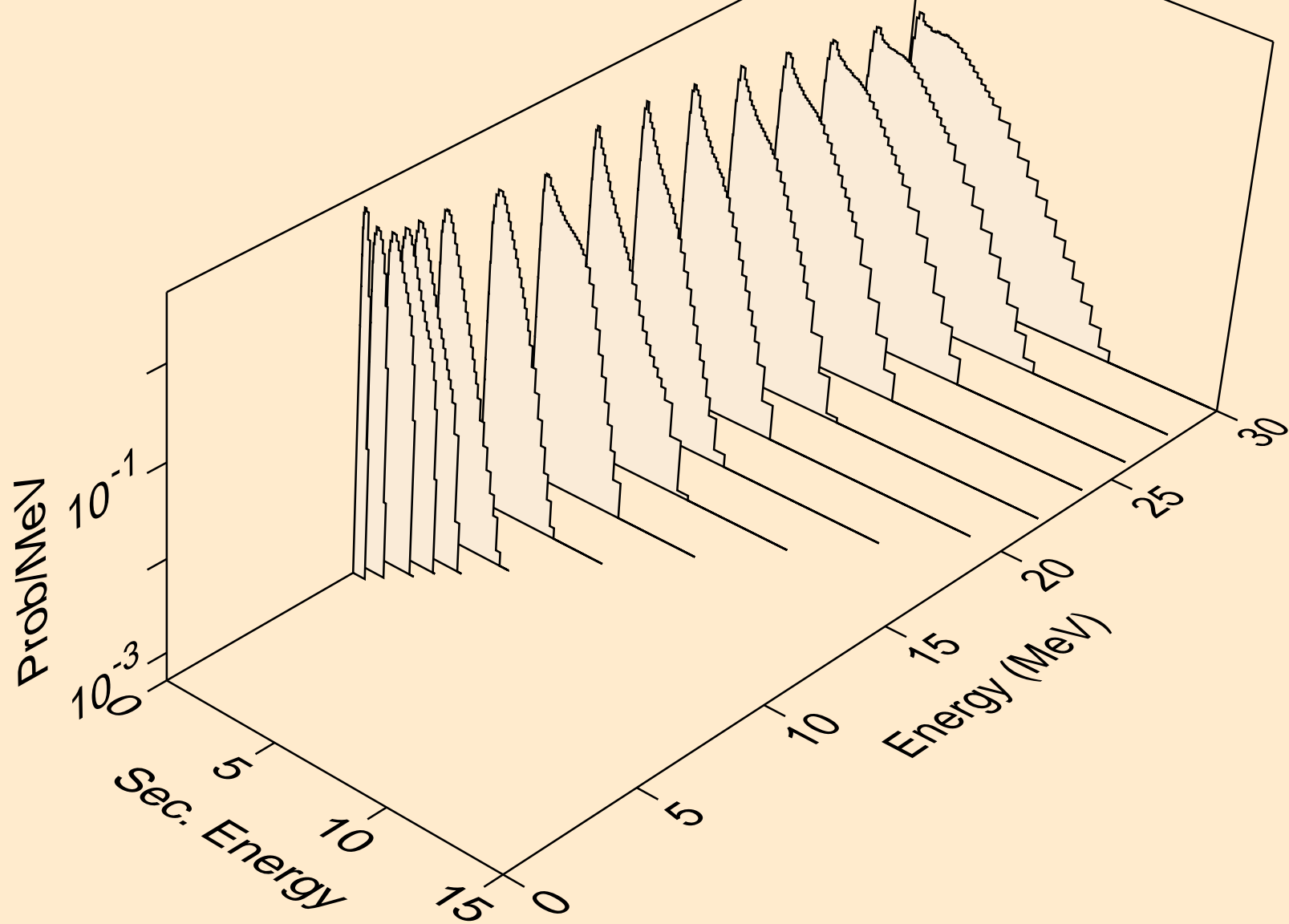
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



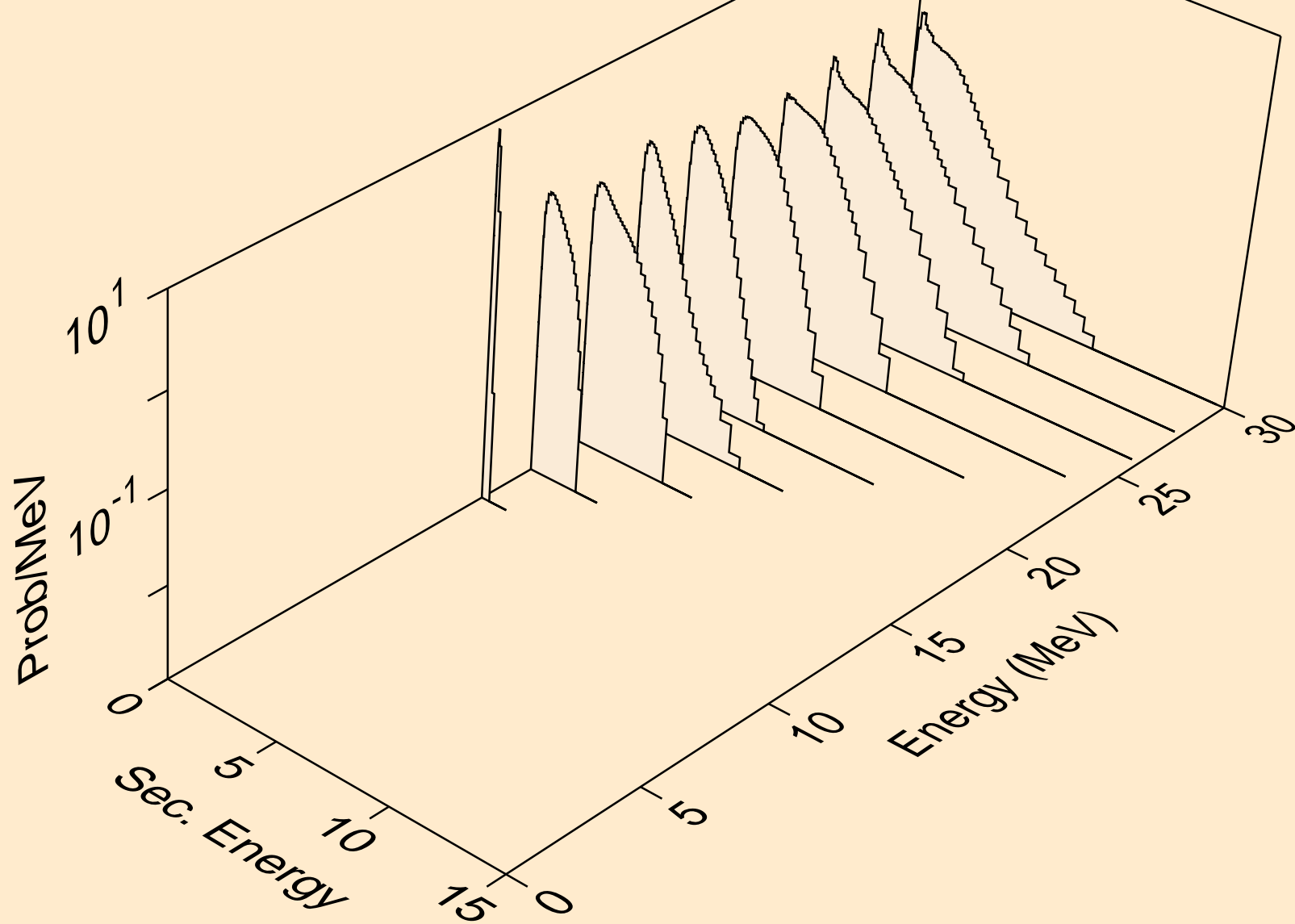
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

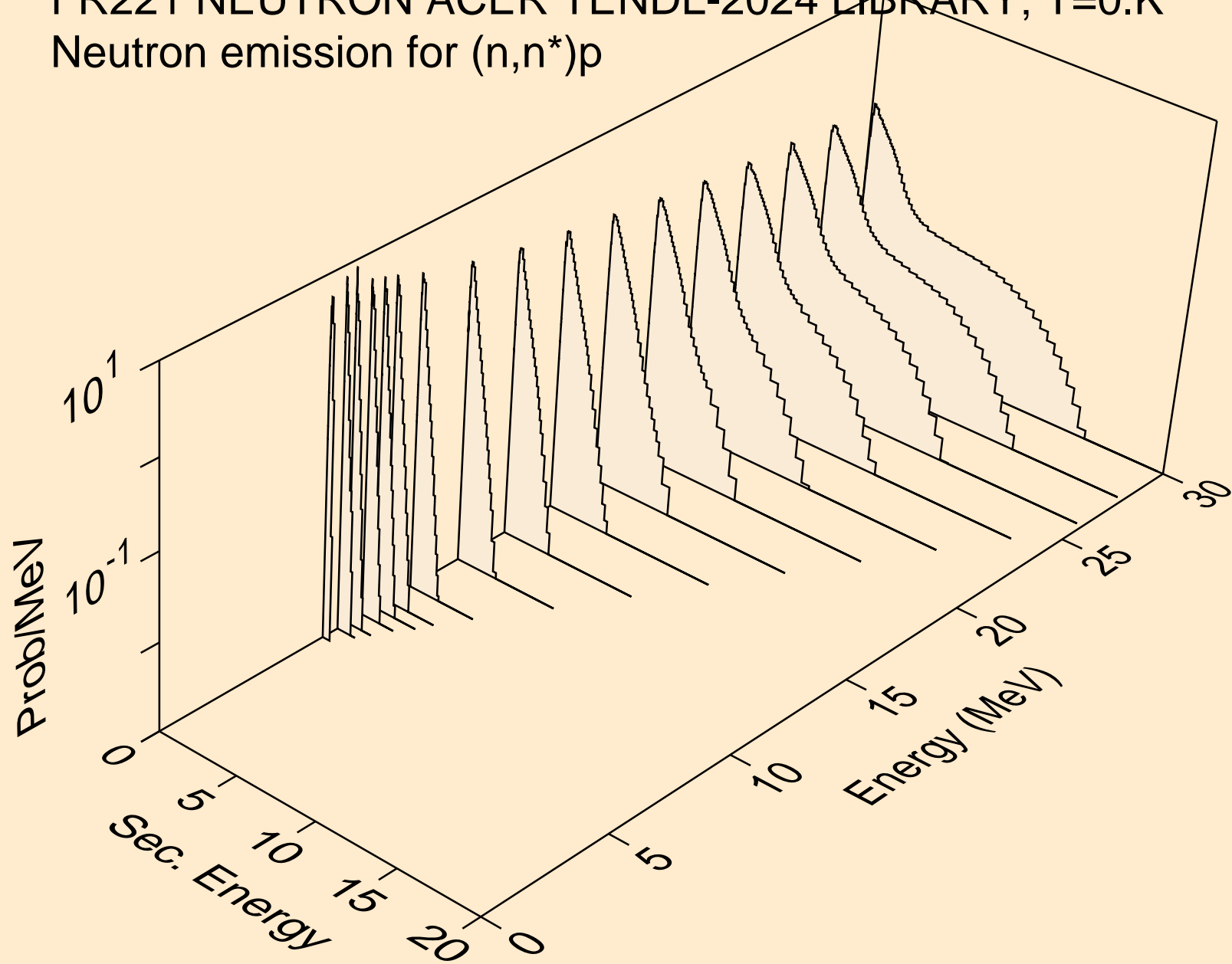


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

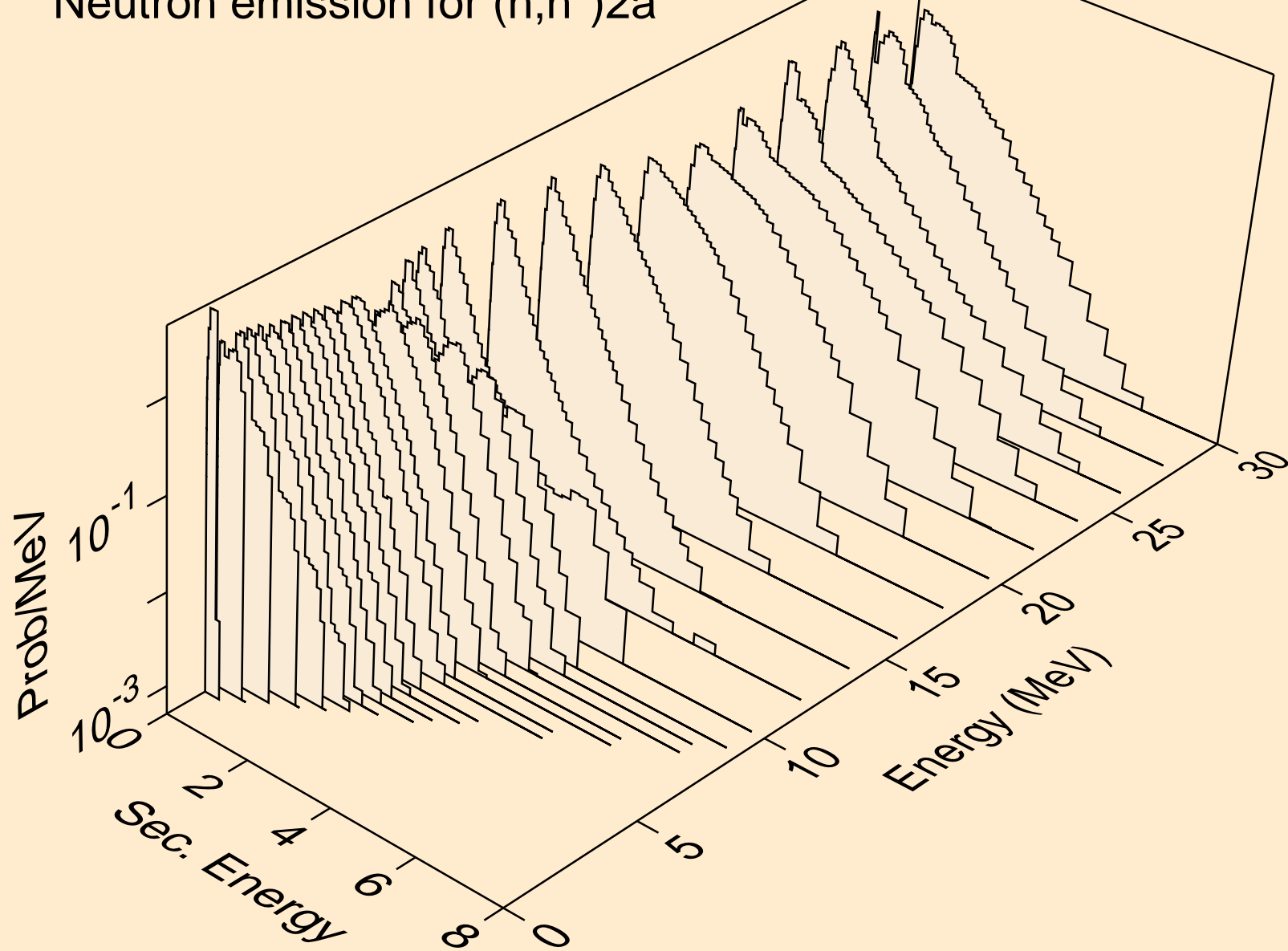




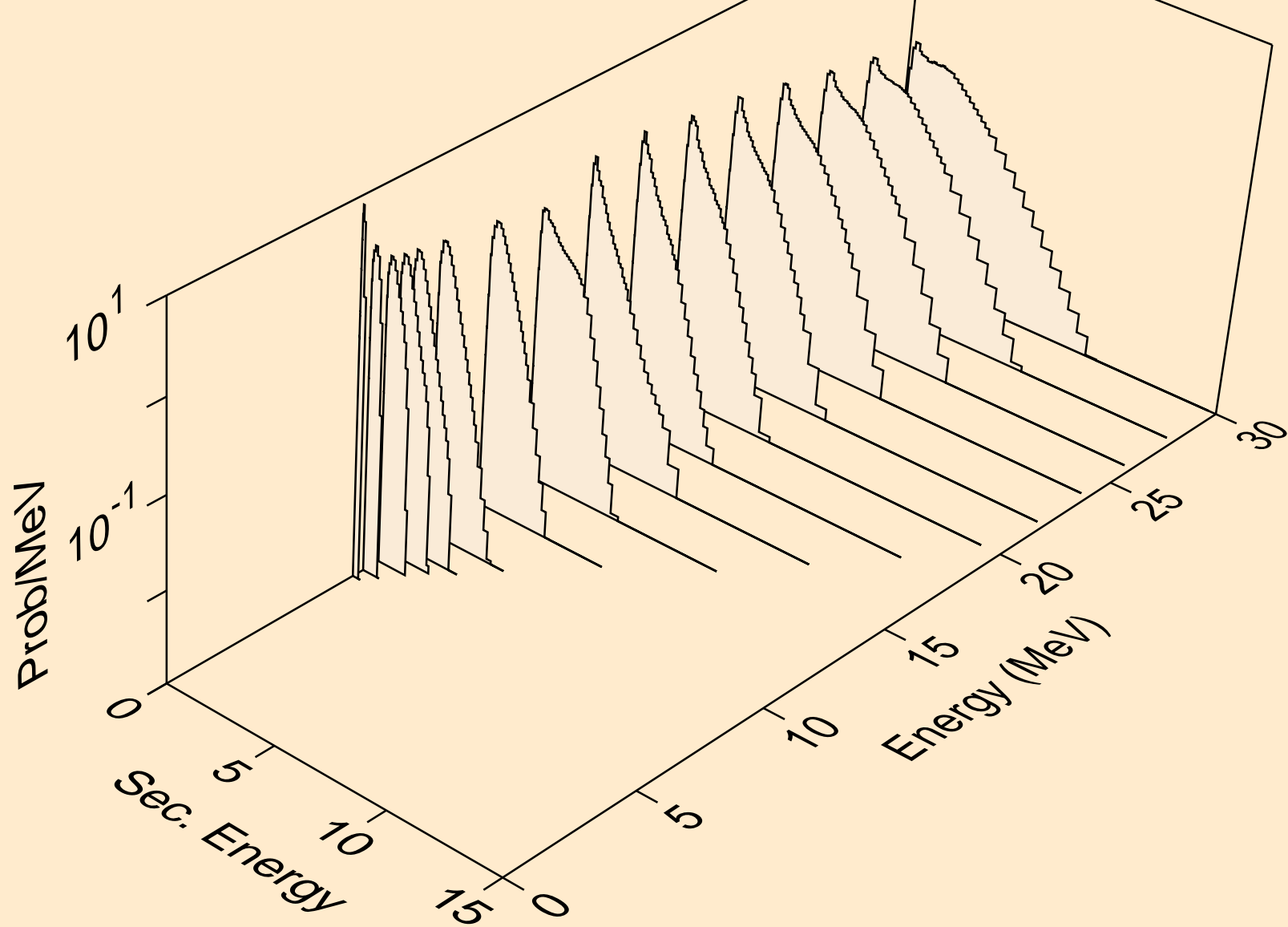
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



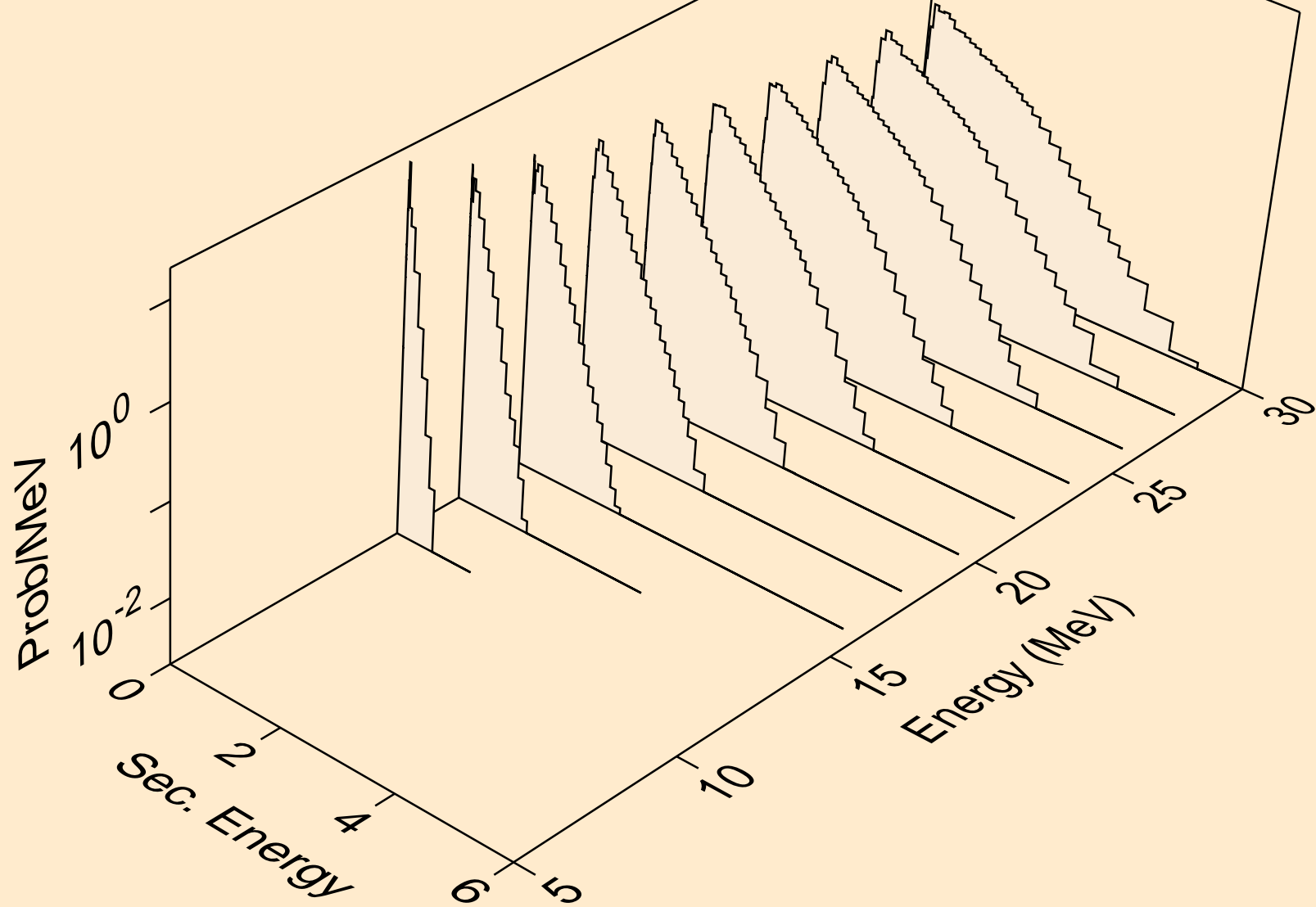
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



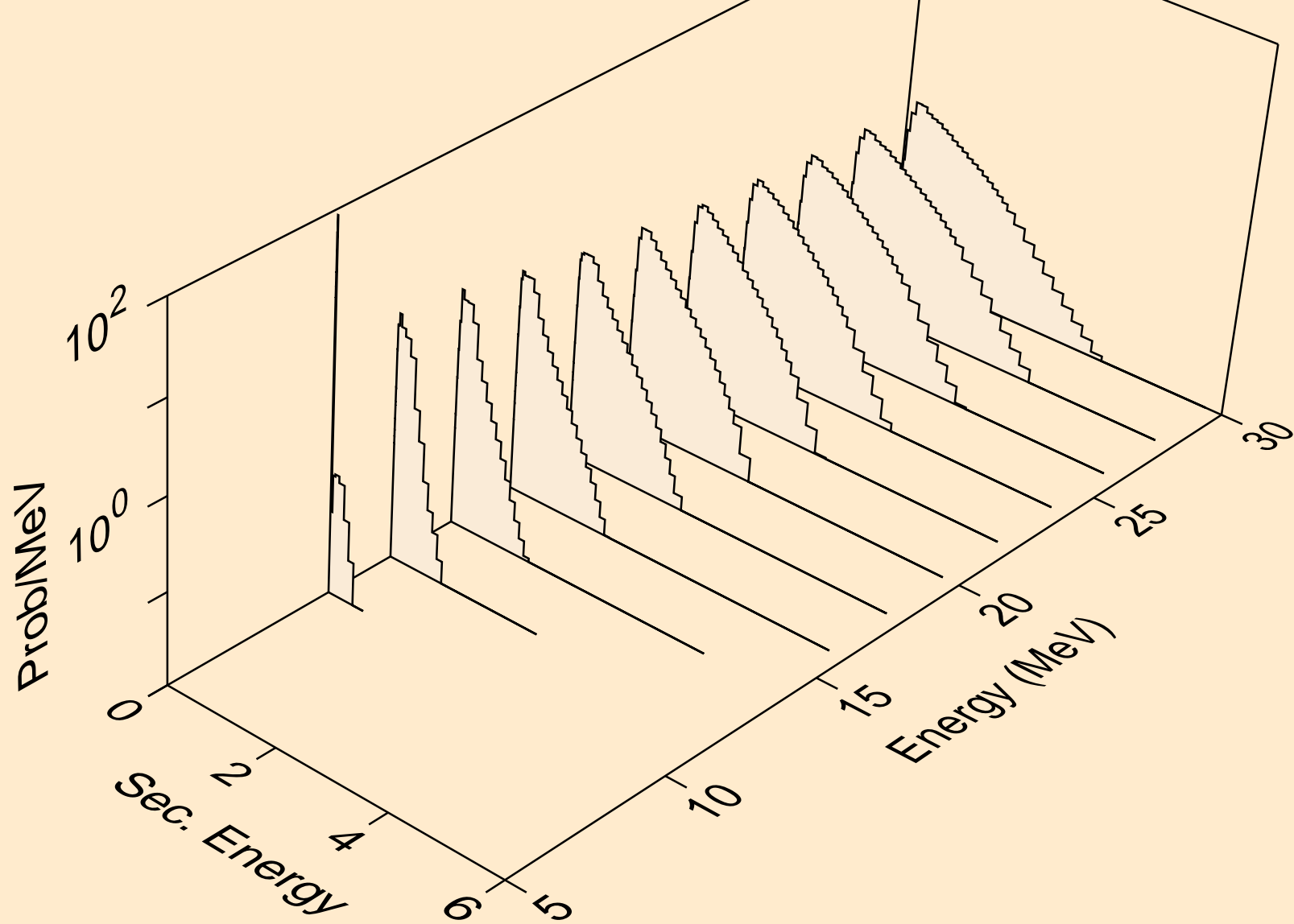
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



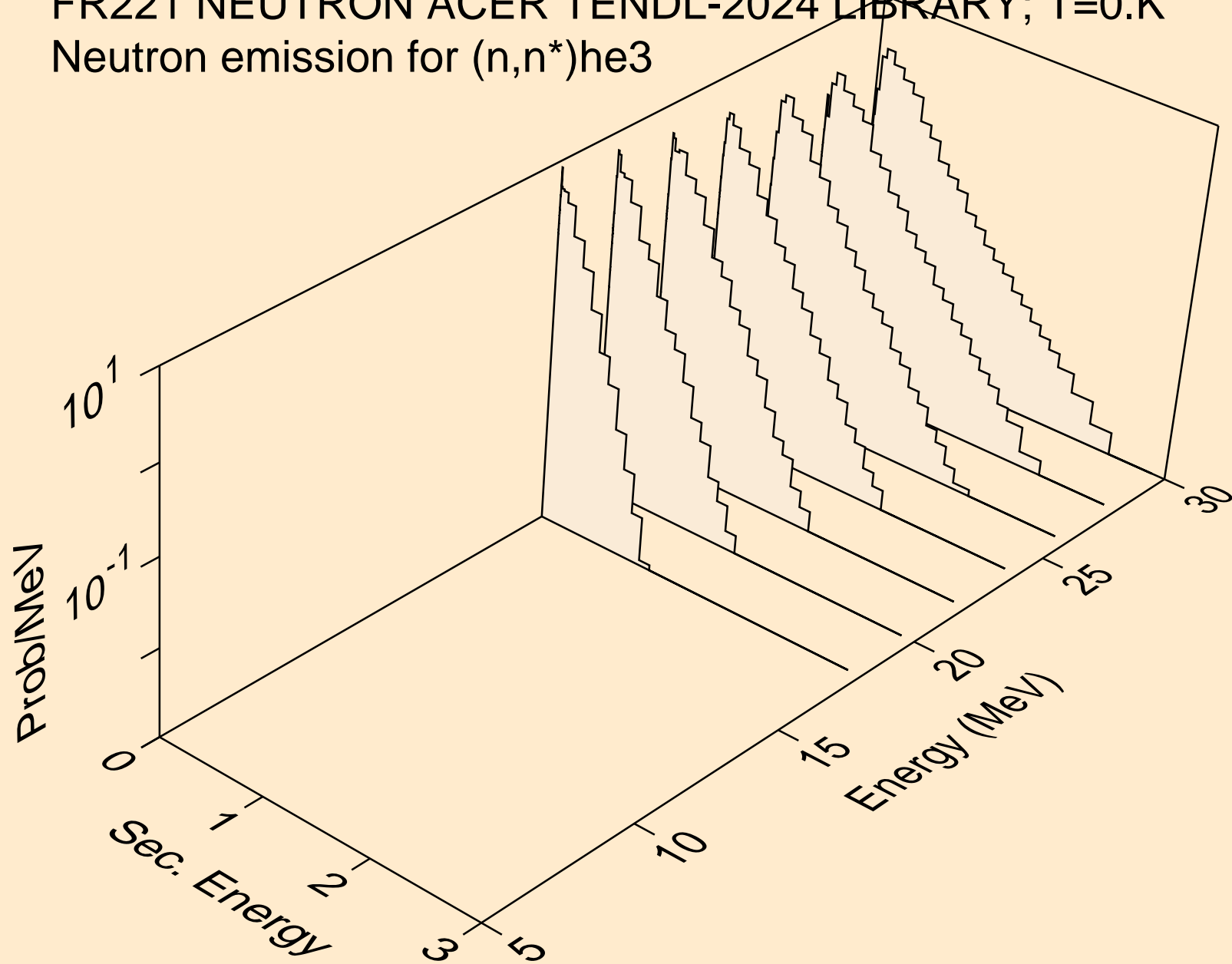
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



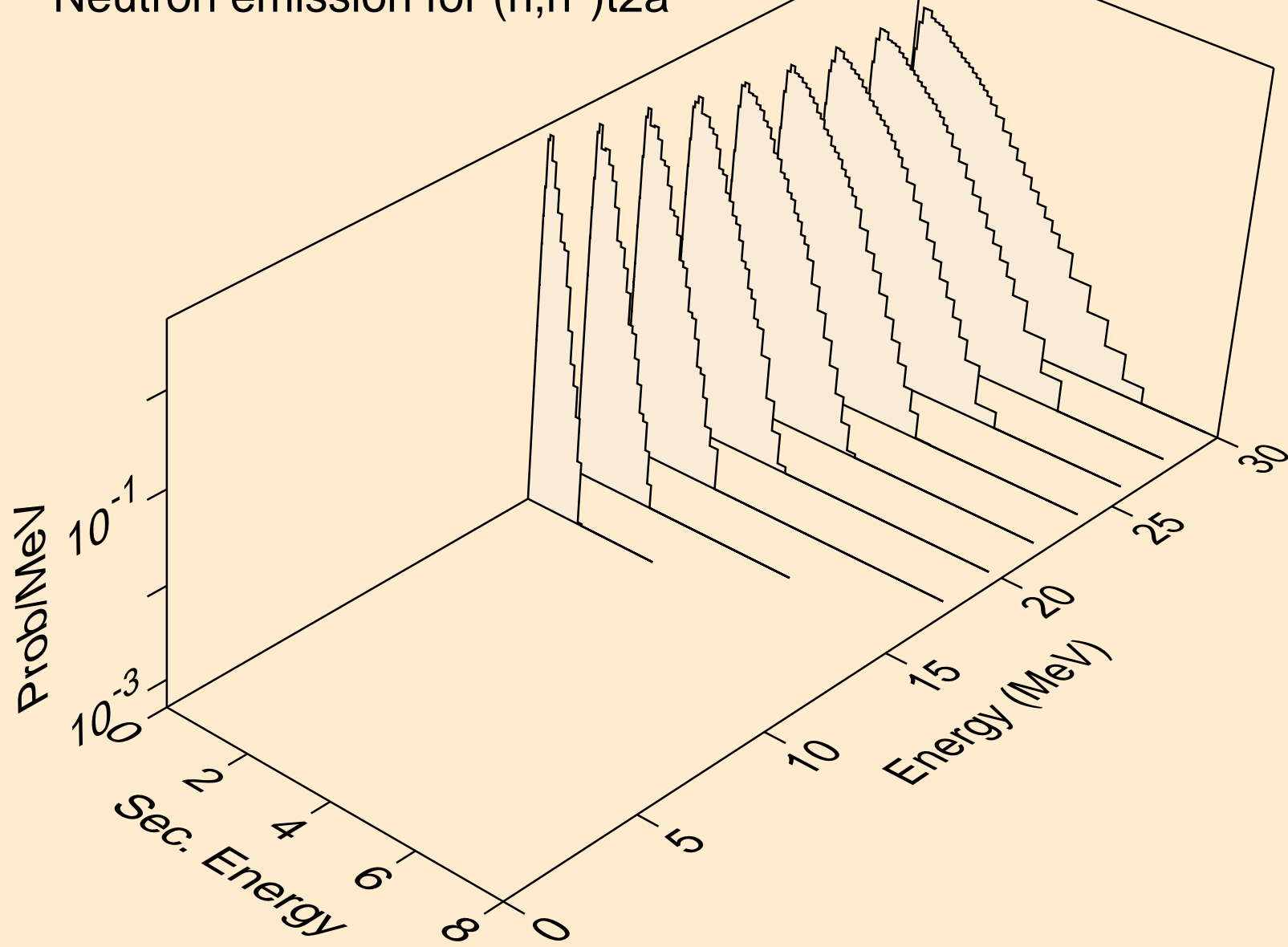
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



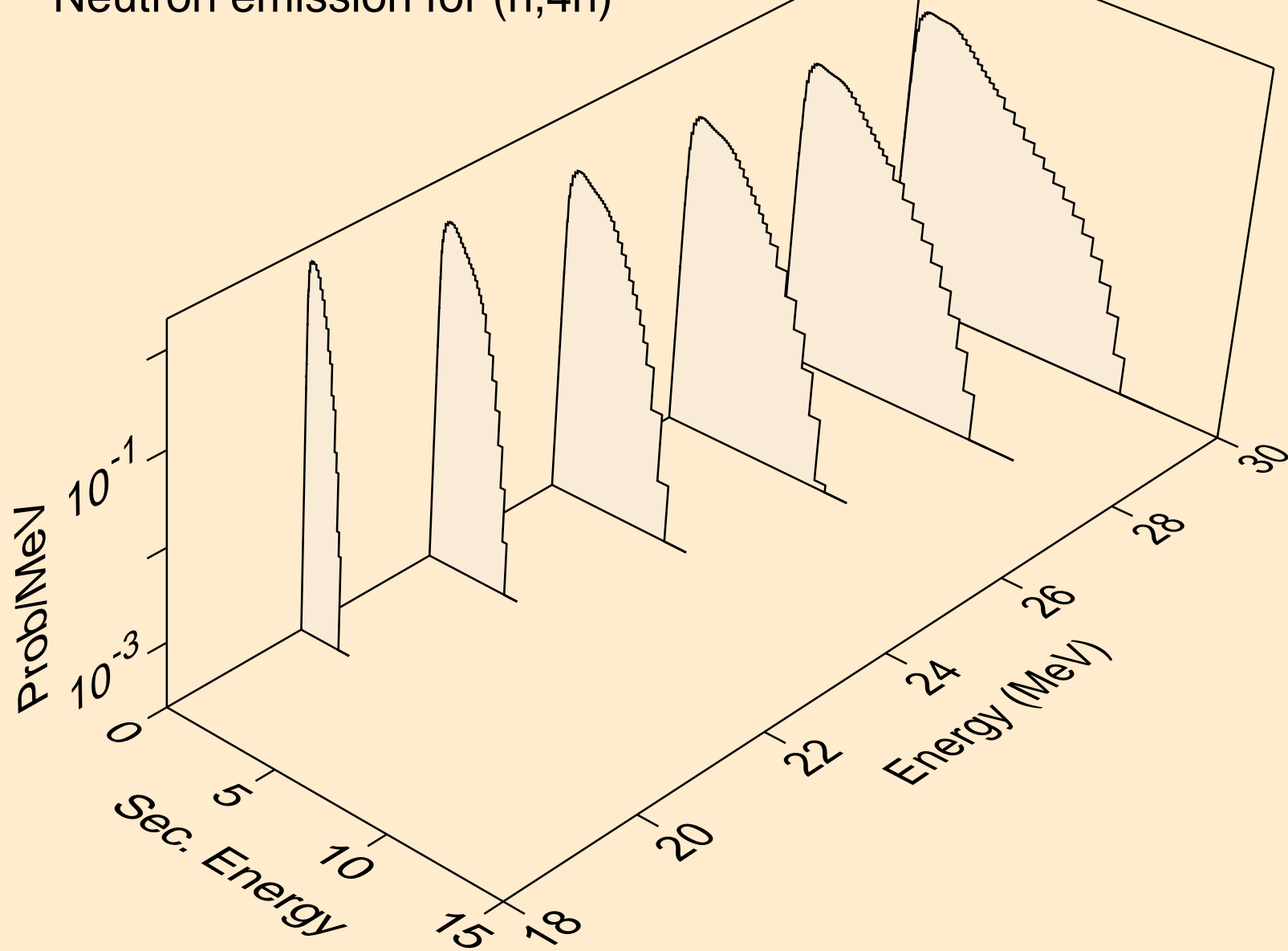
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t2a

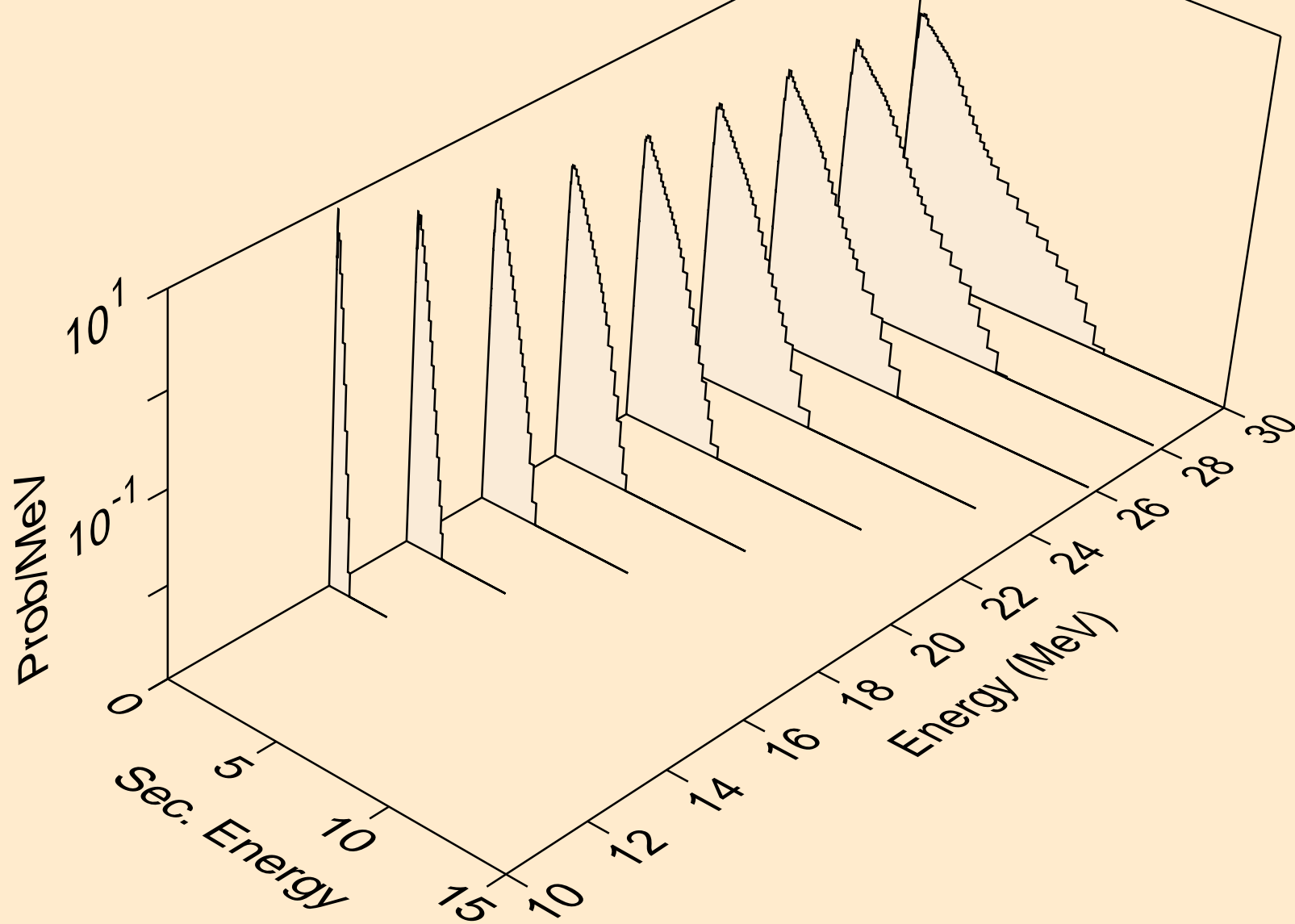


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

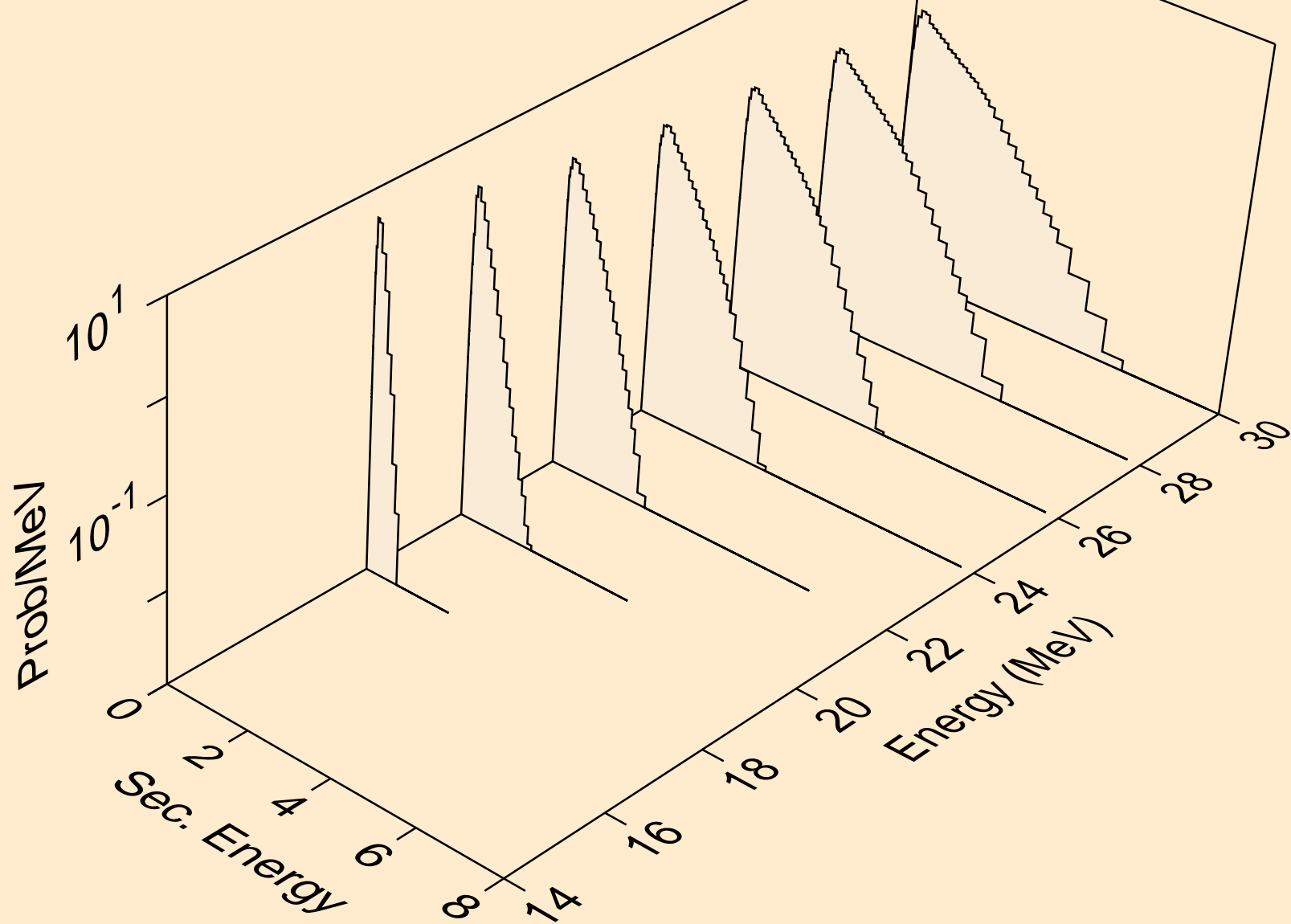




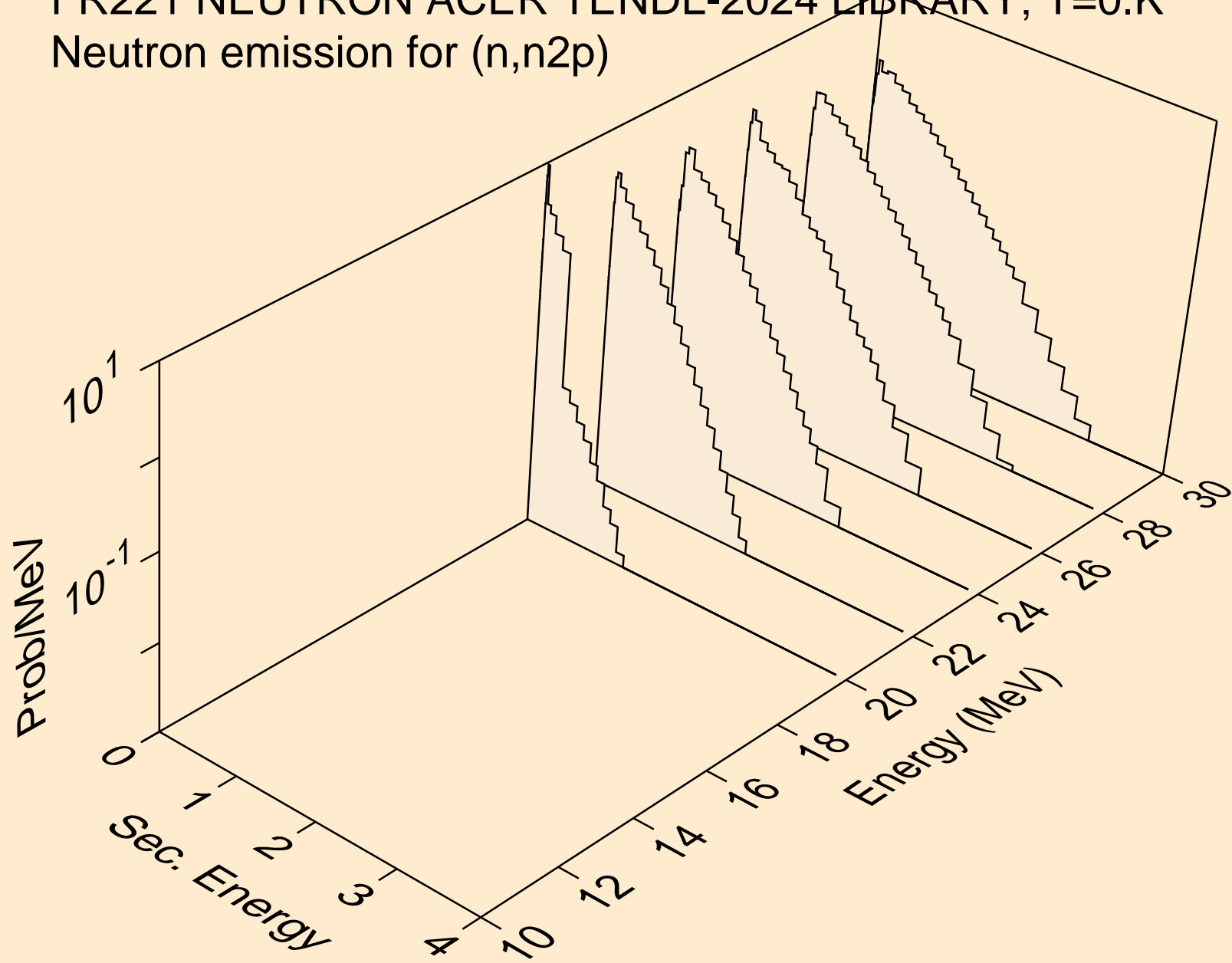
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



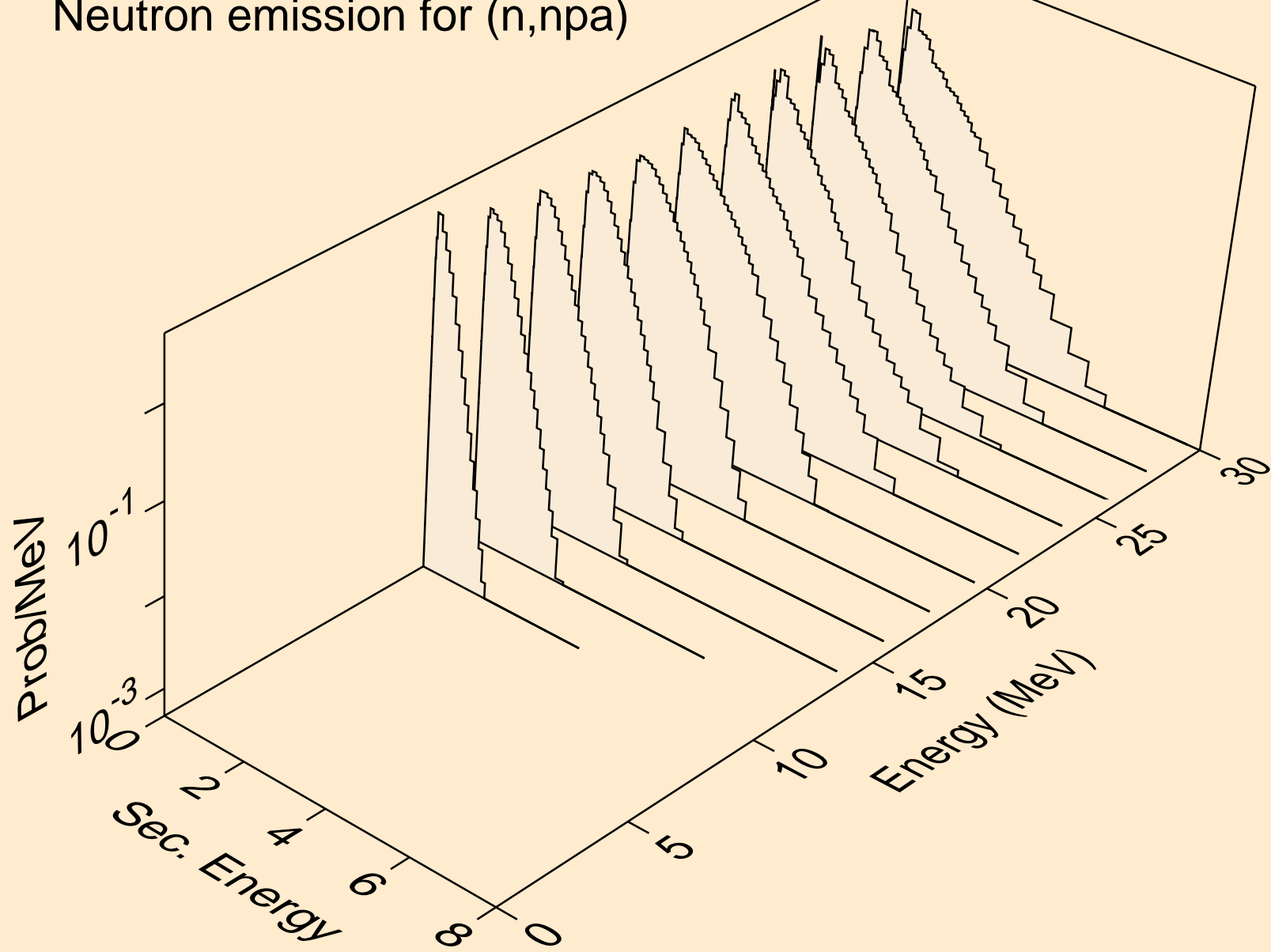
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



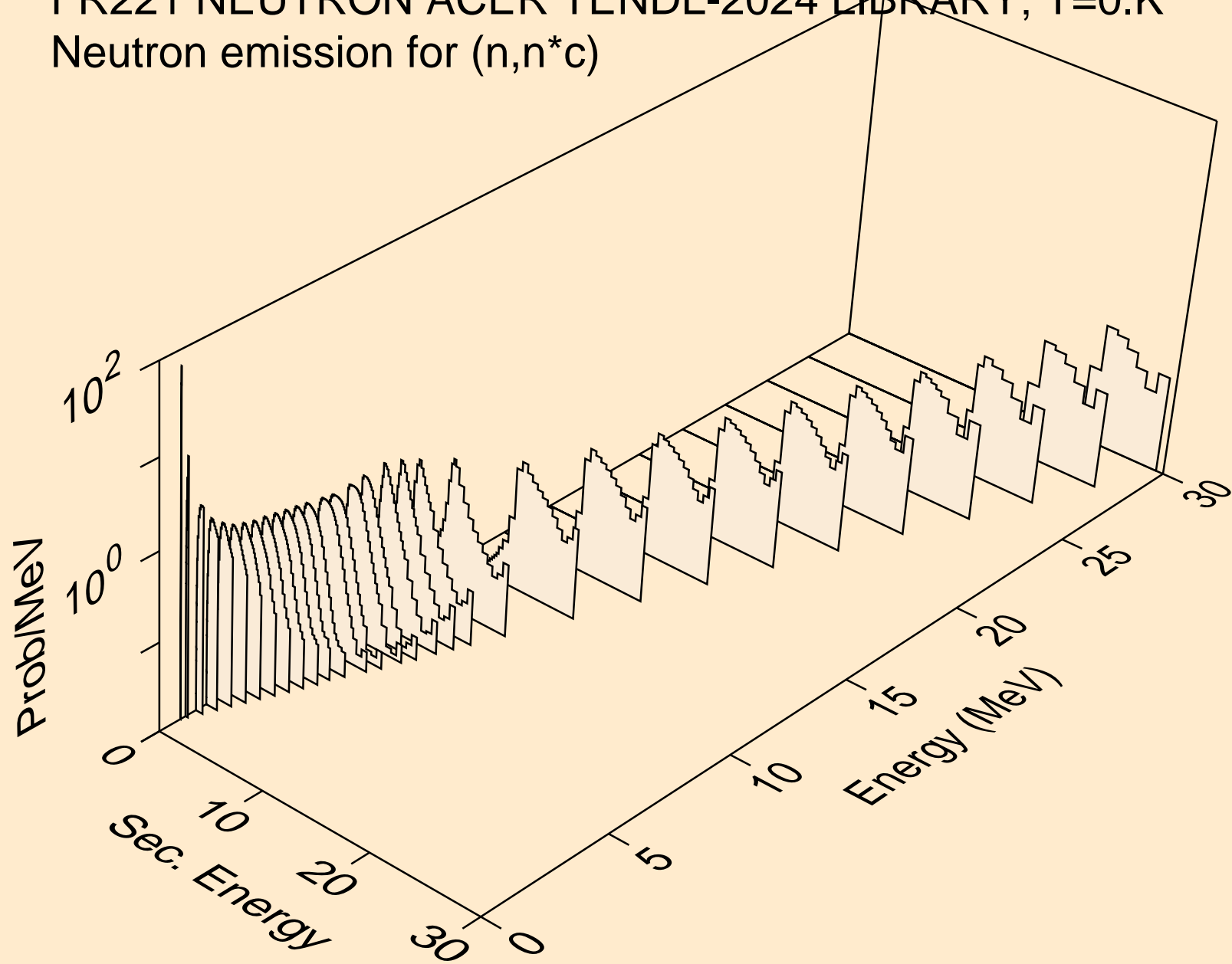
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

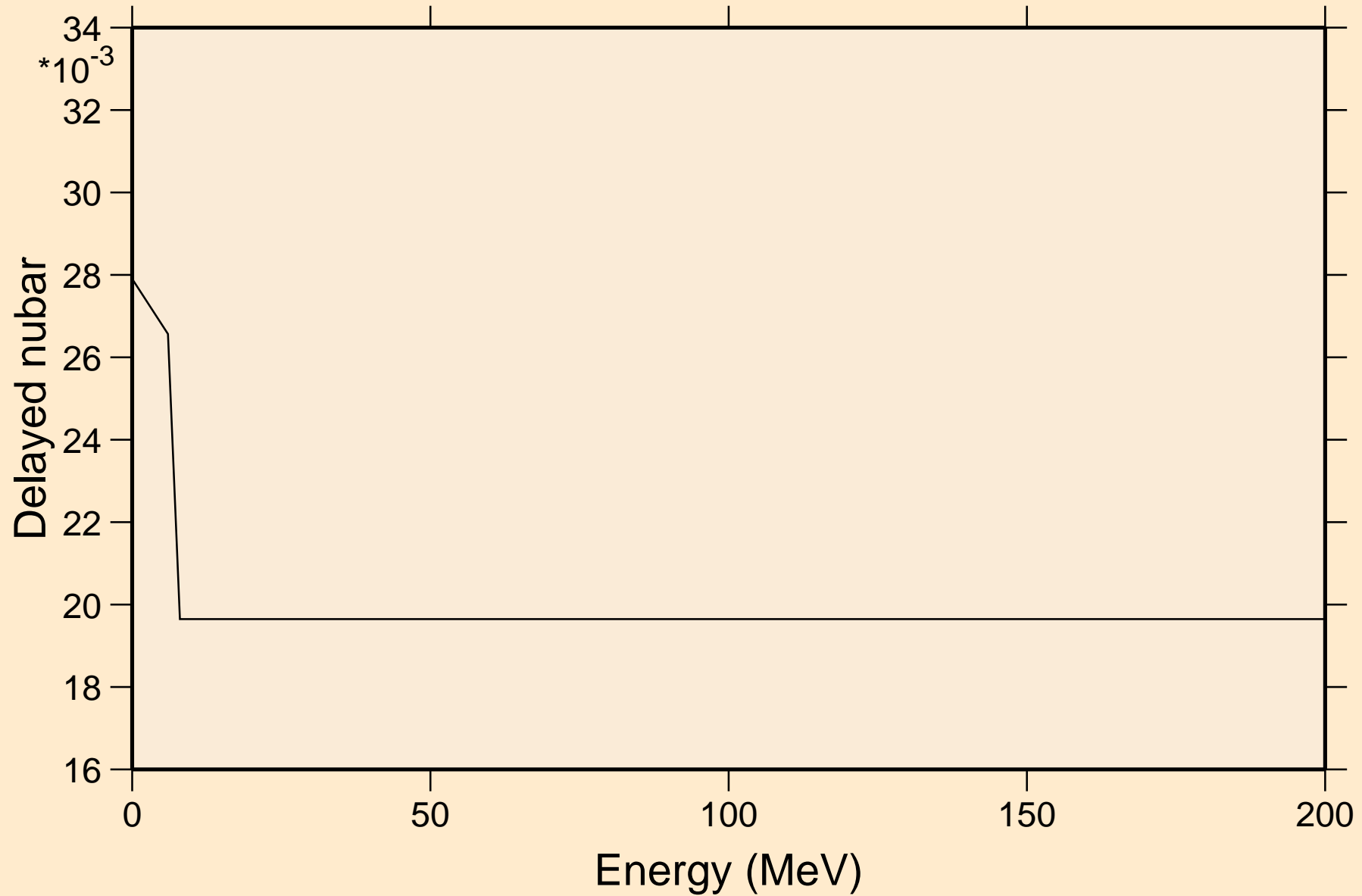


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



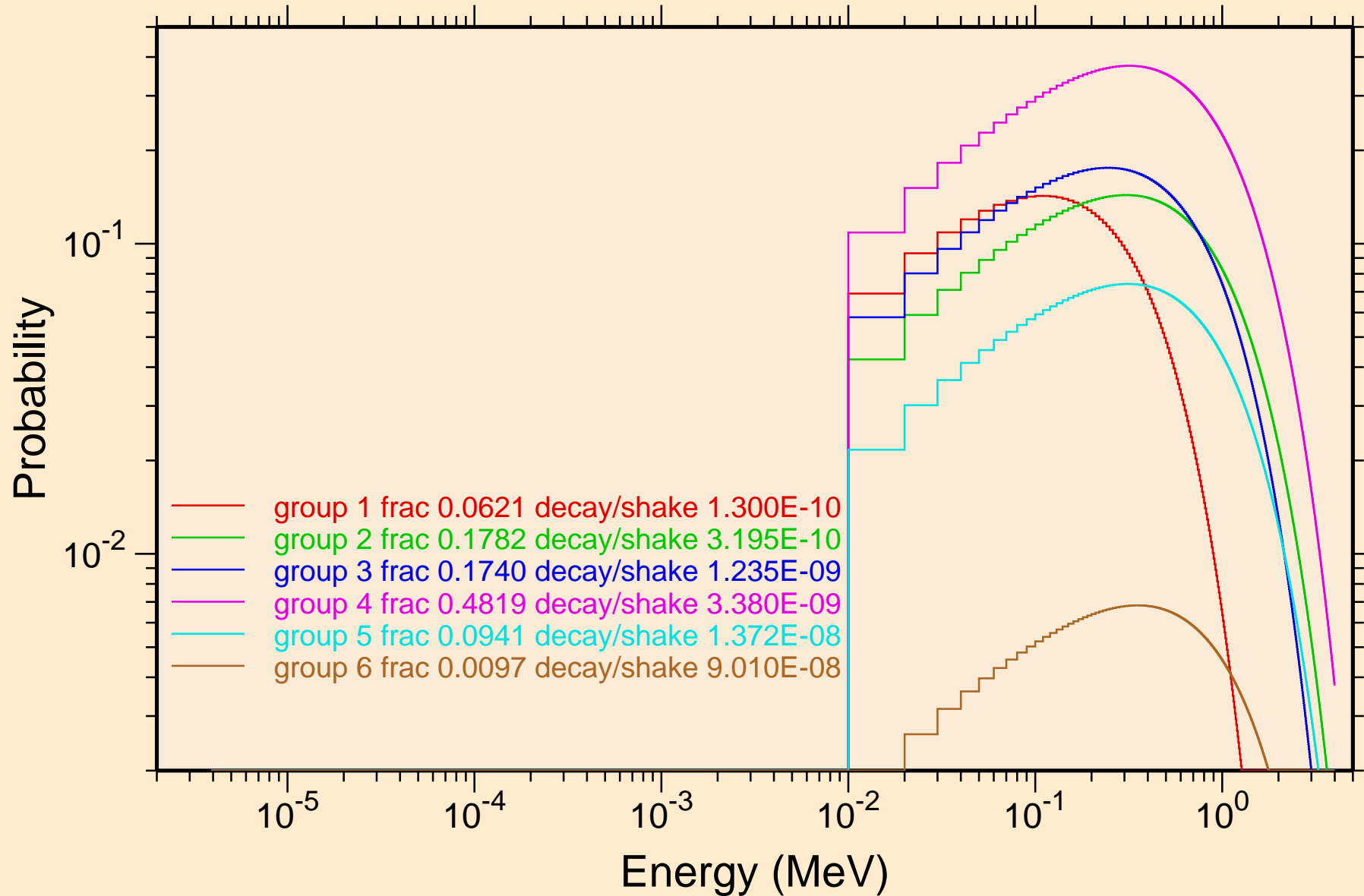
# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

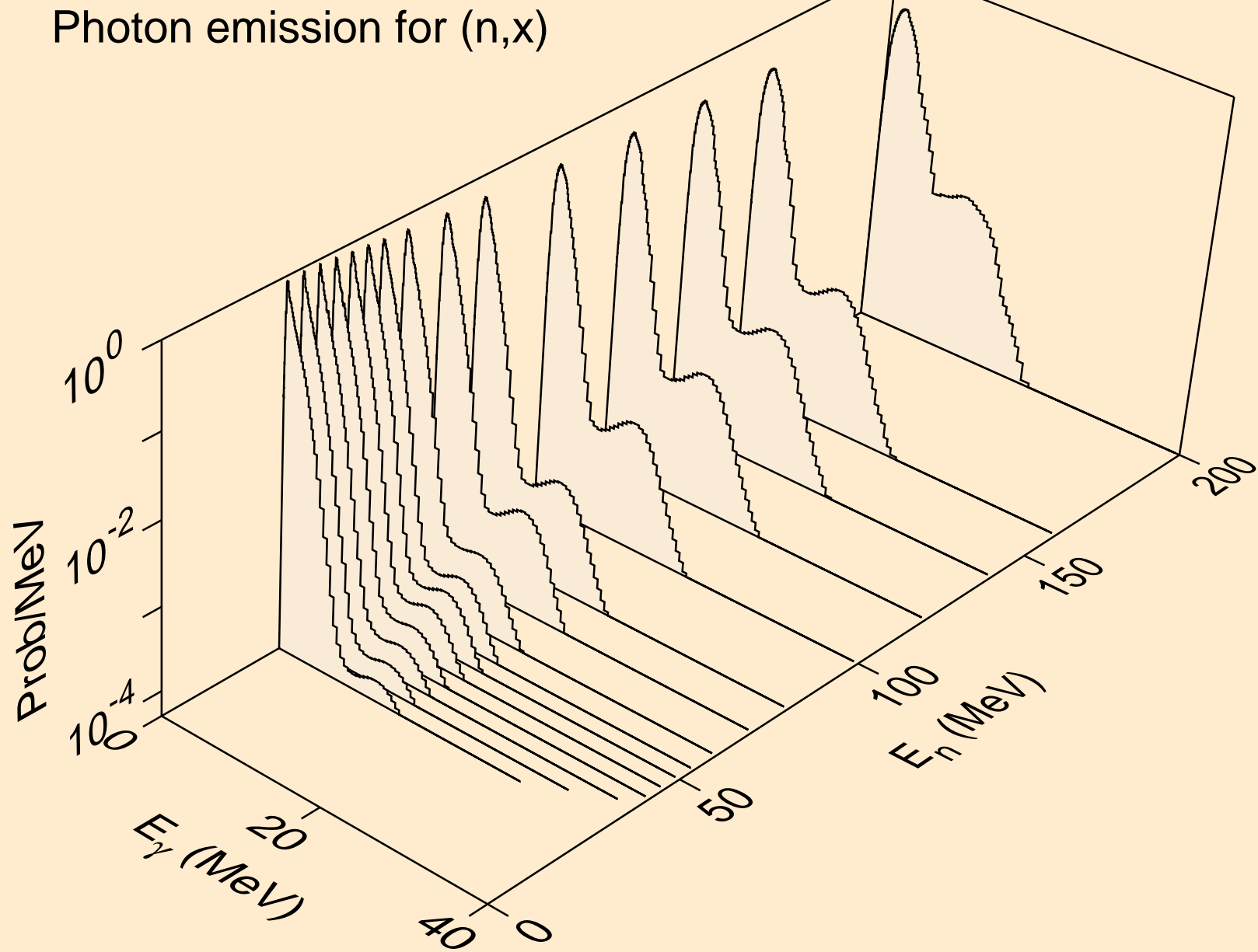


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed neutron spectra

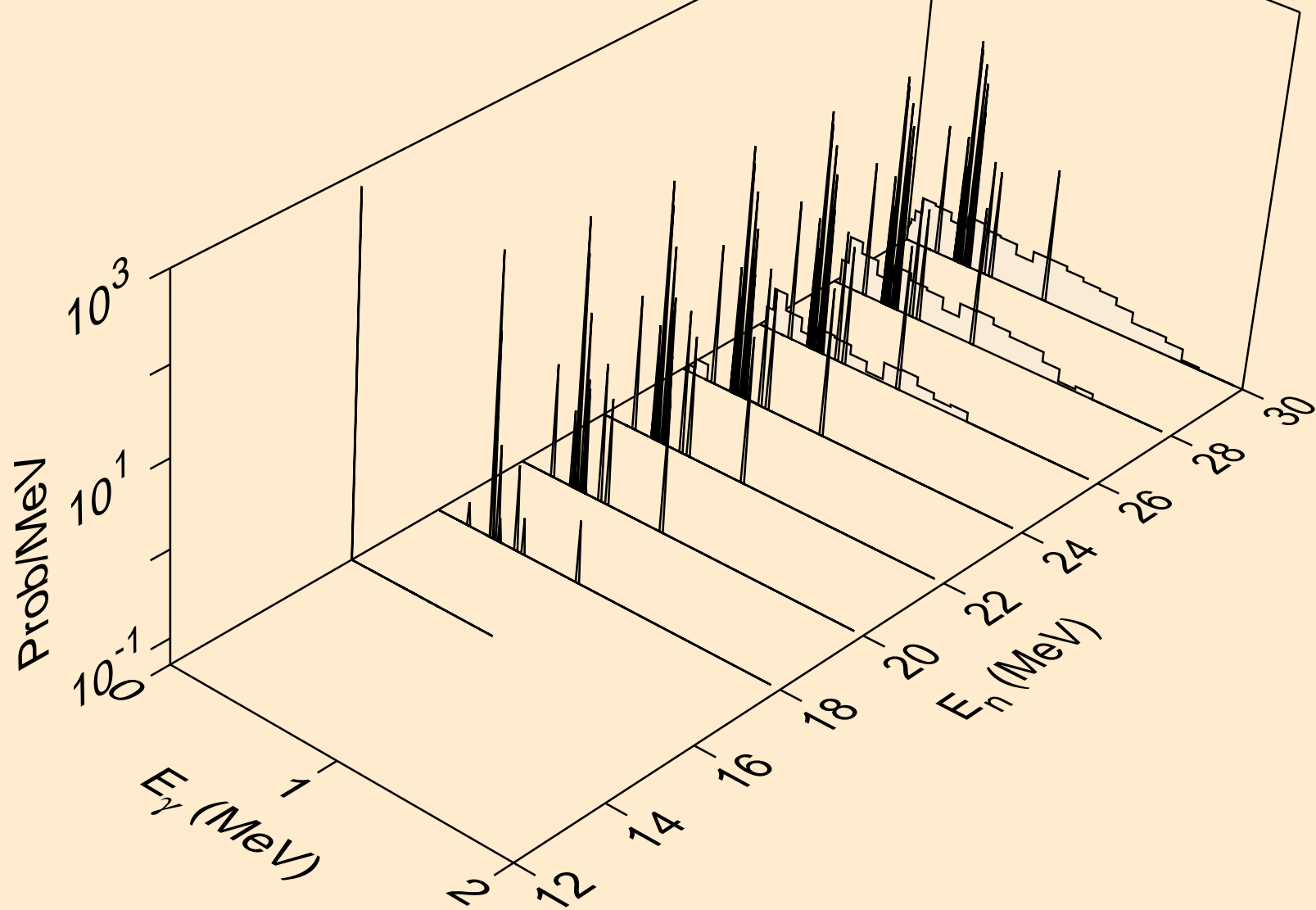


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

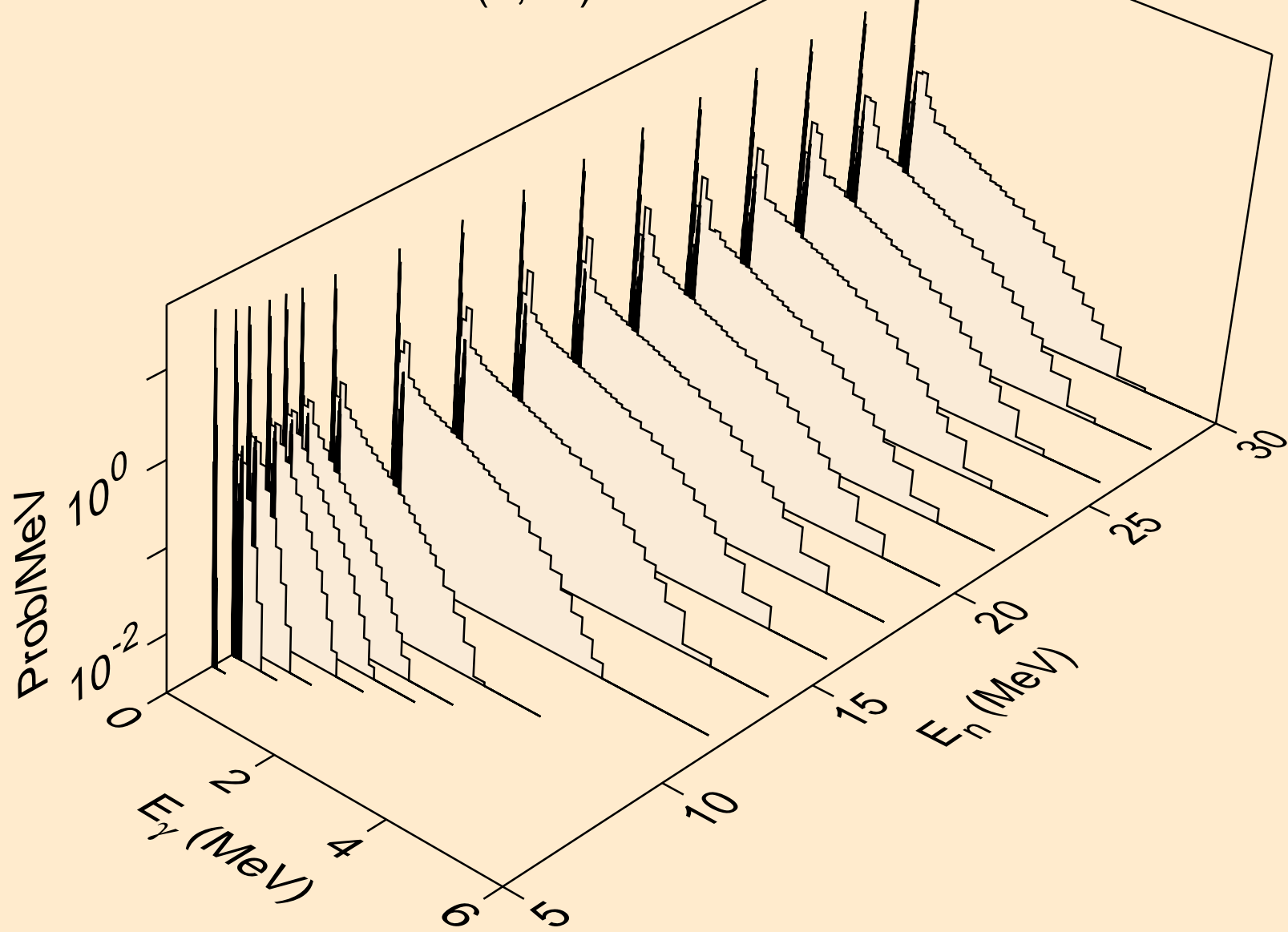




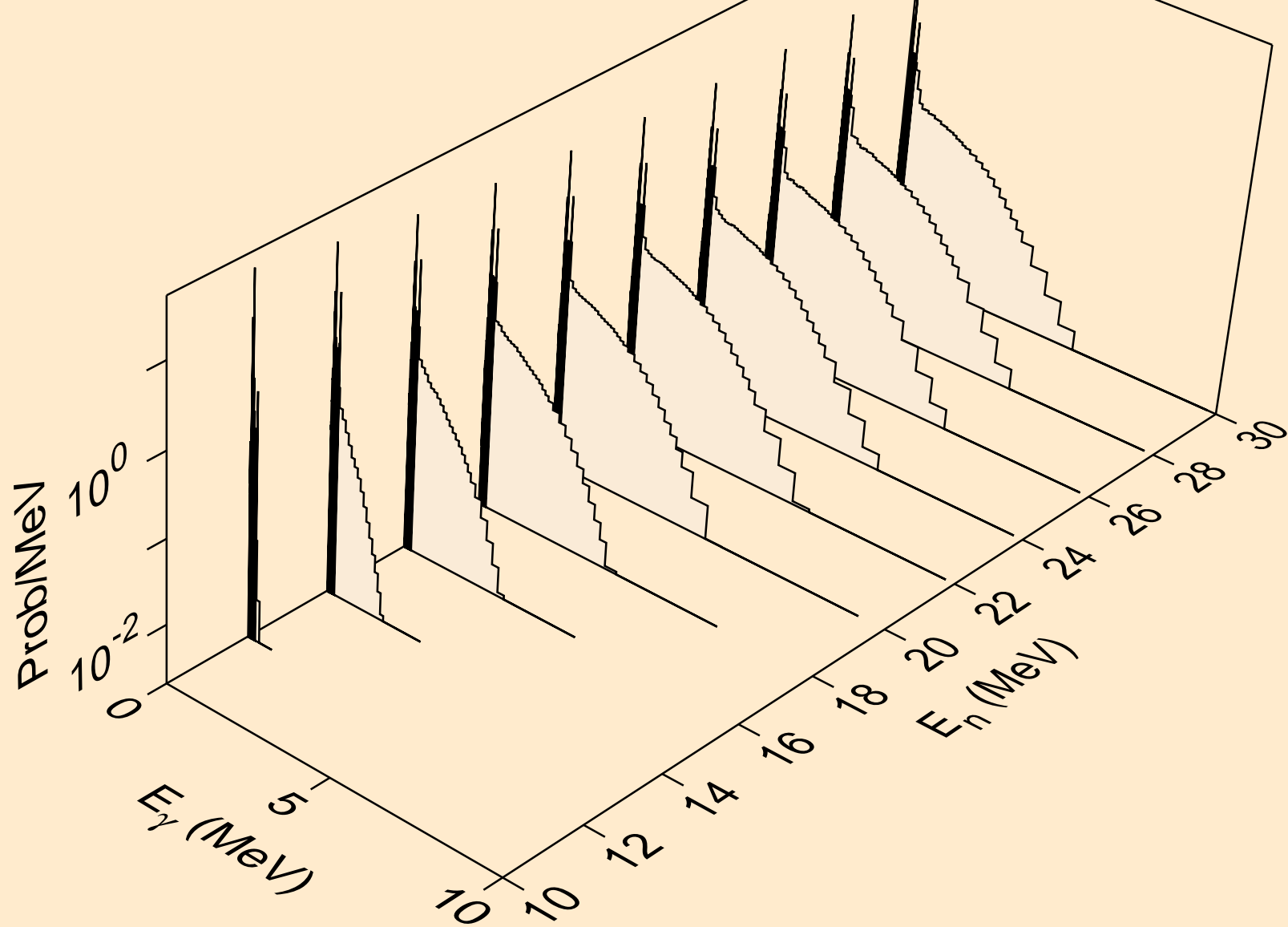
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



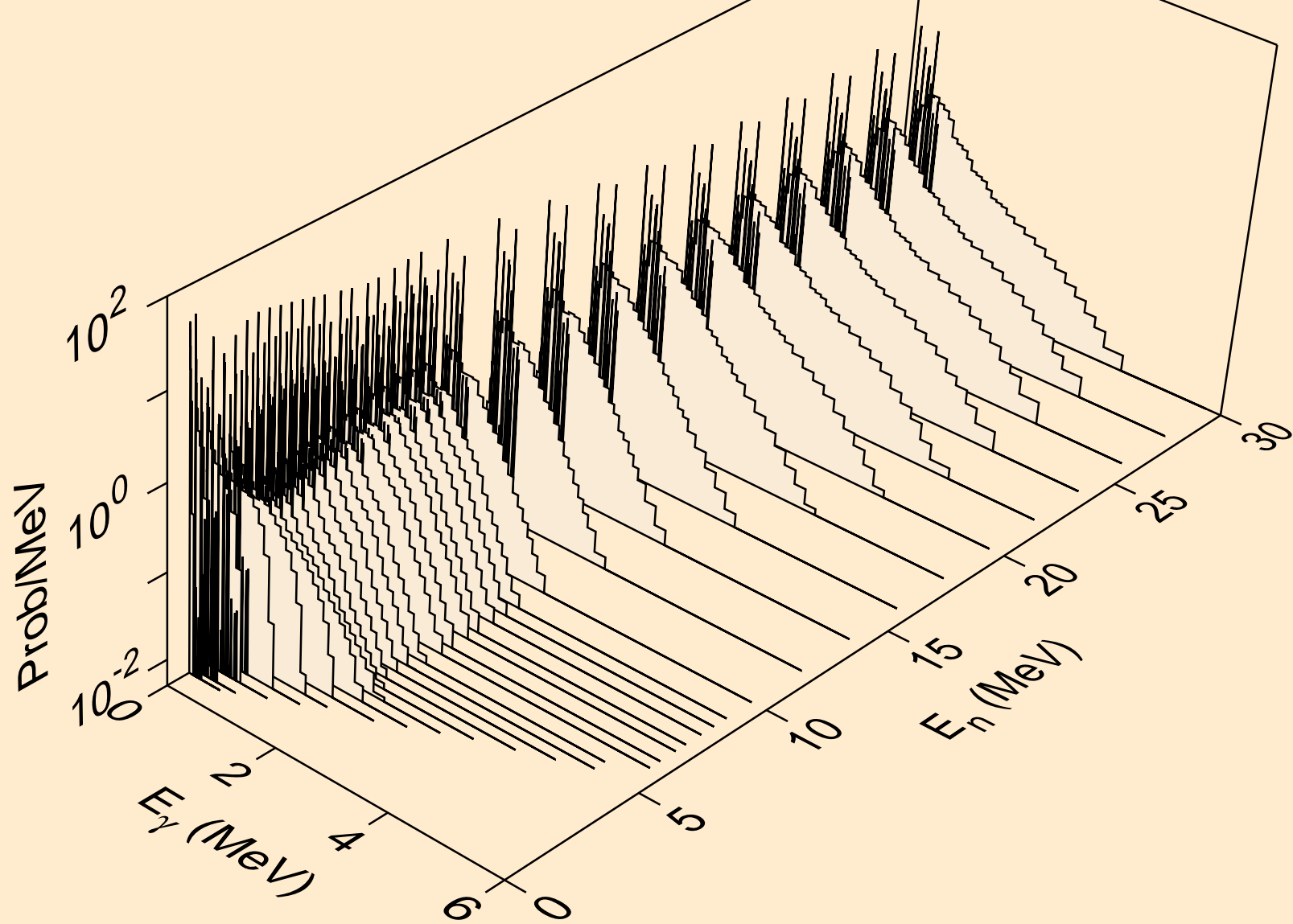
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



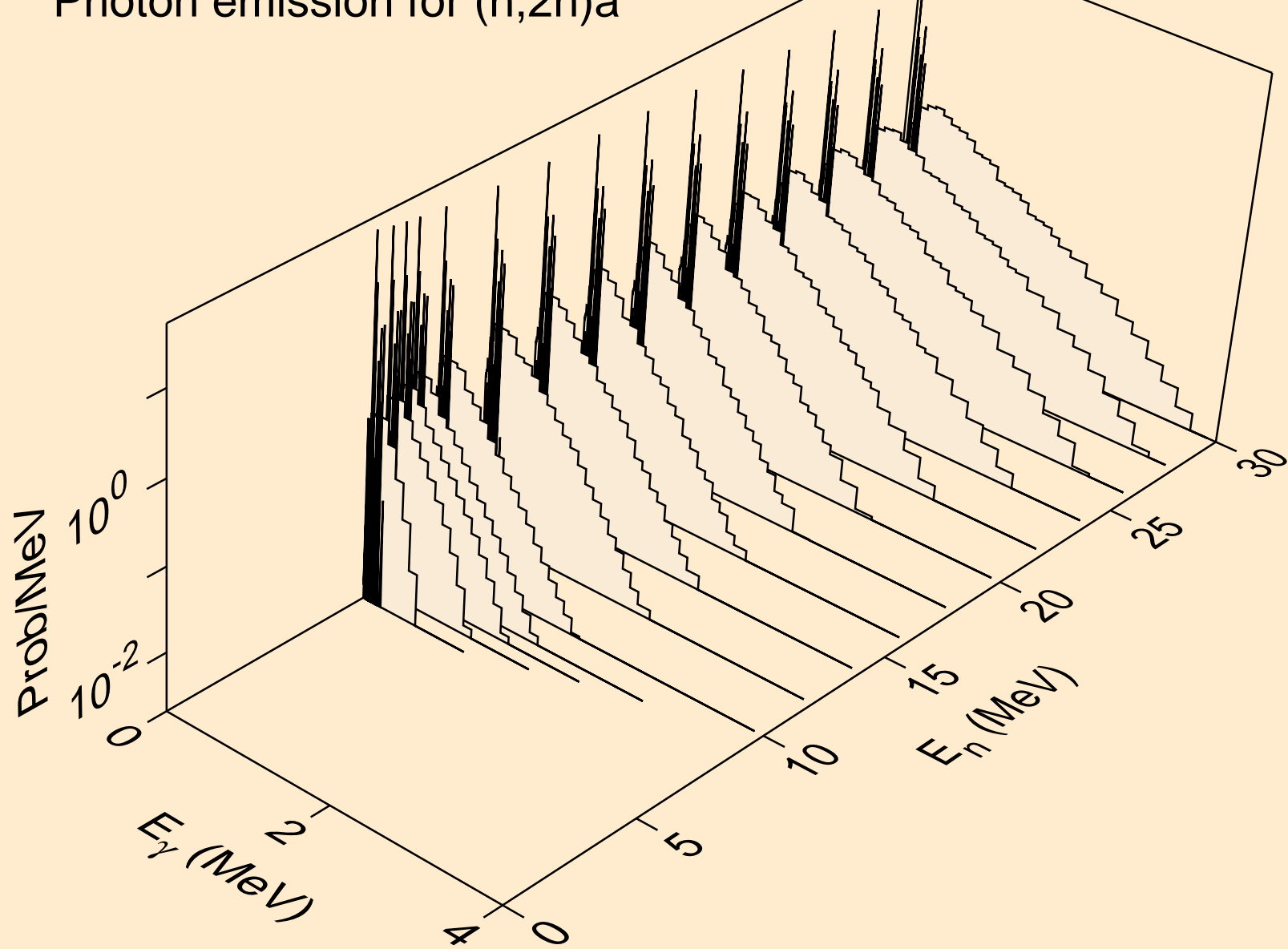
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



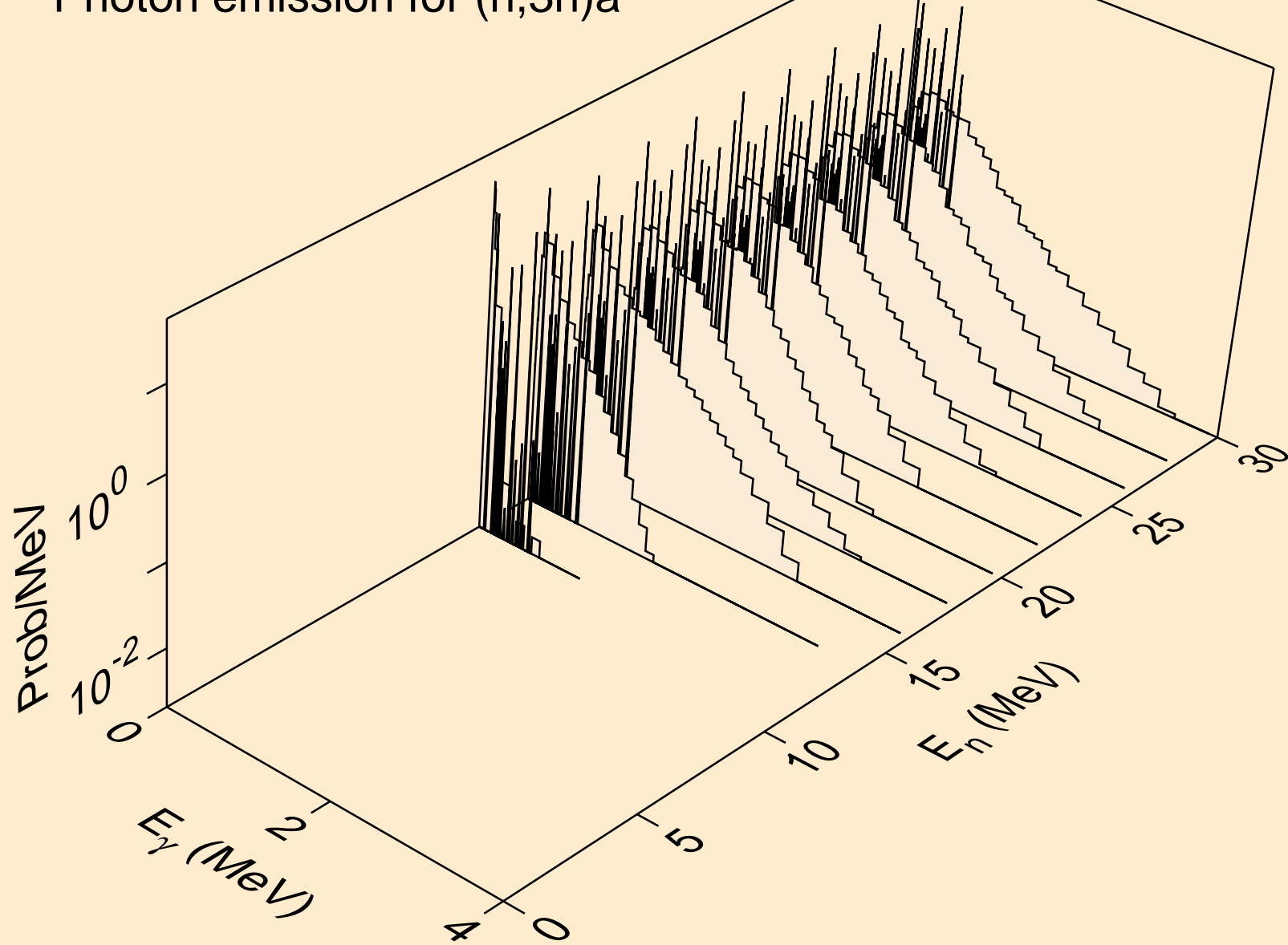
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



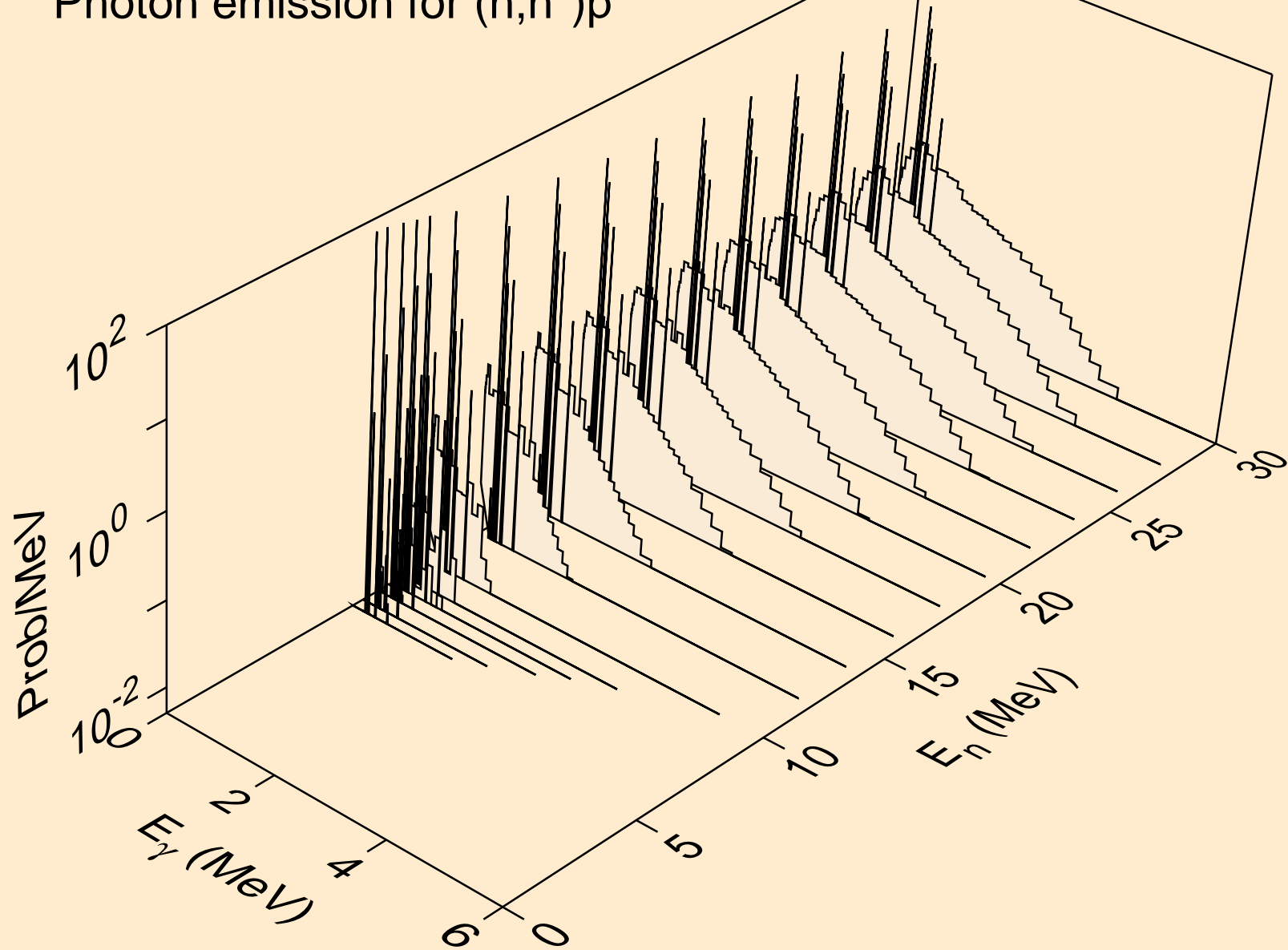
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Photon emission for (n,2n)a



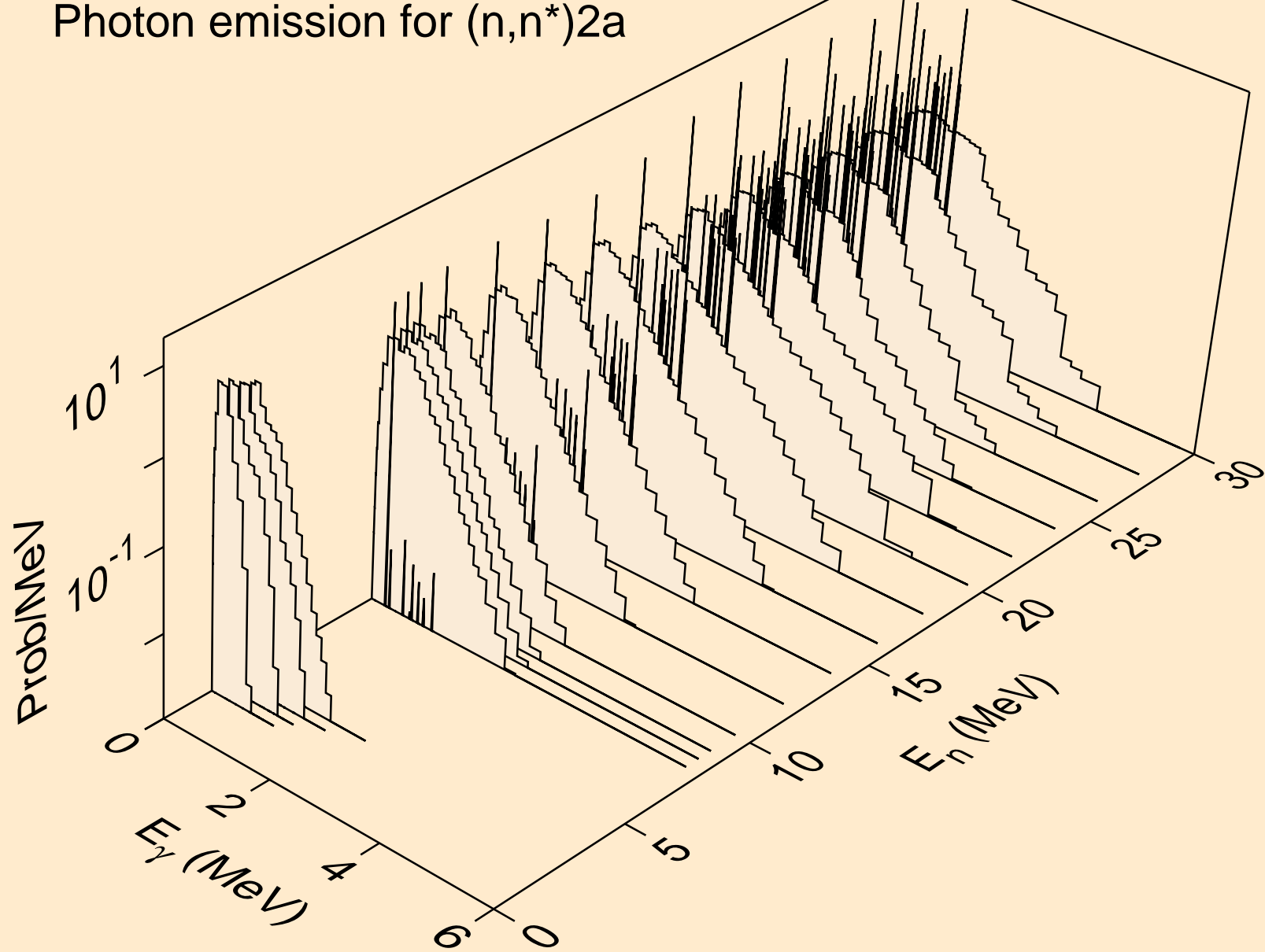
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

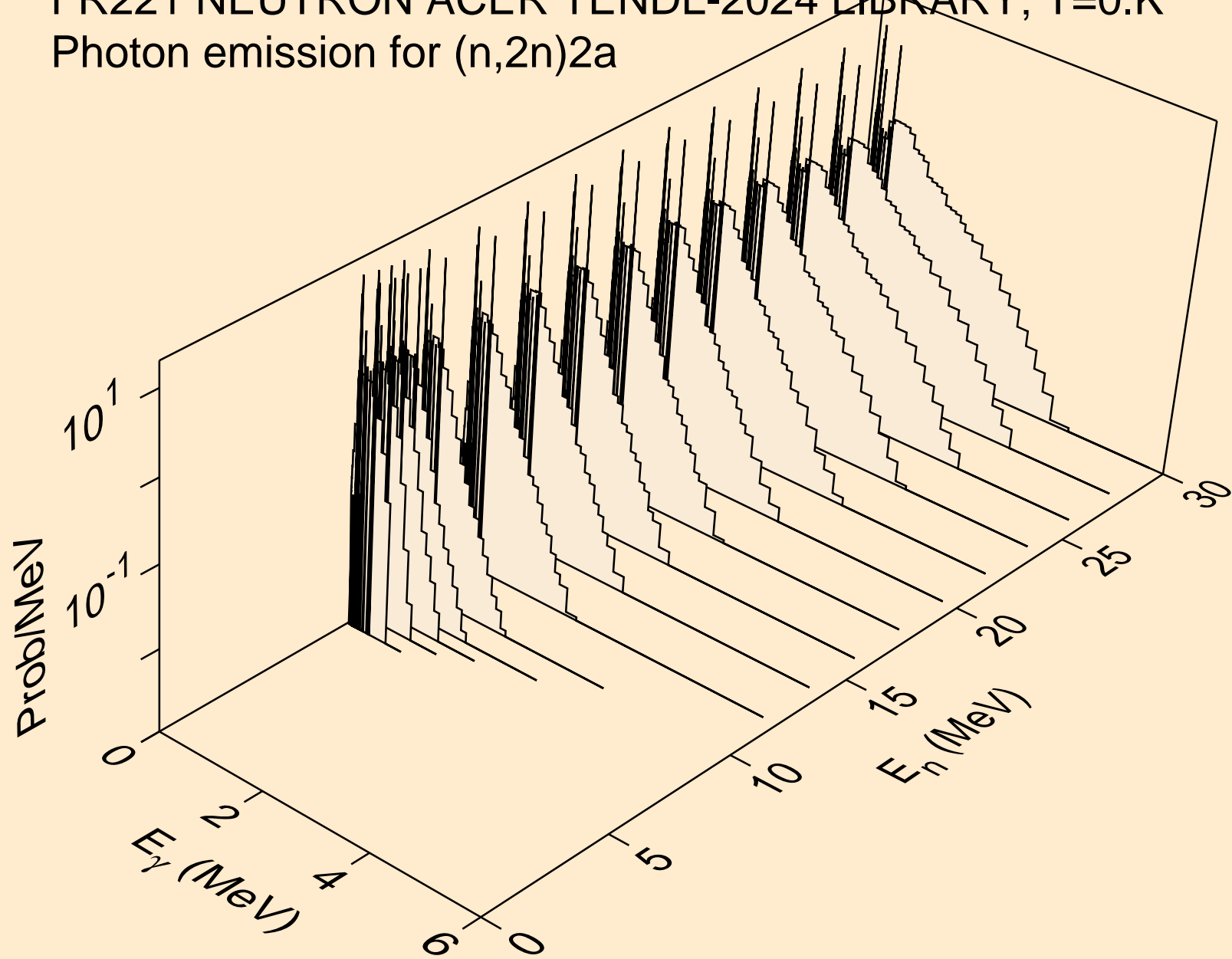


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

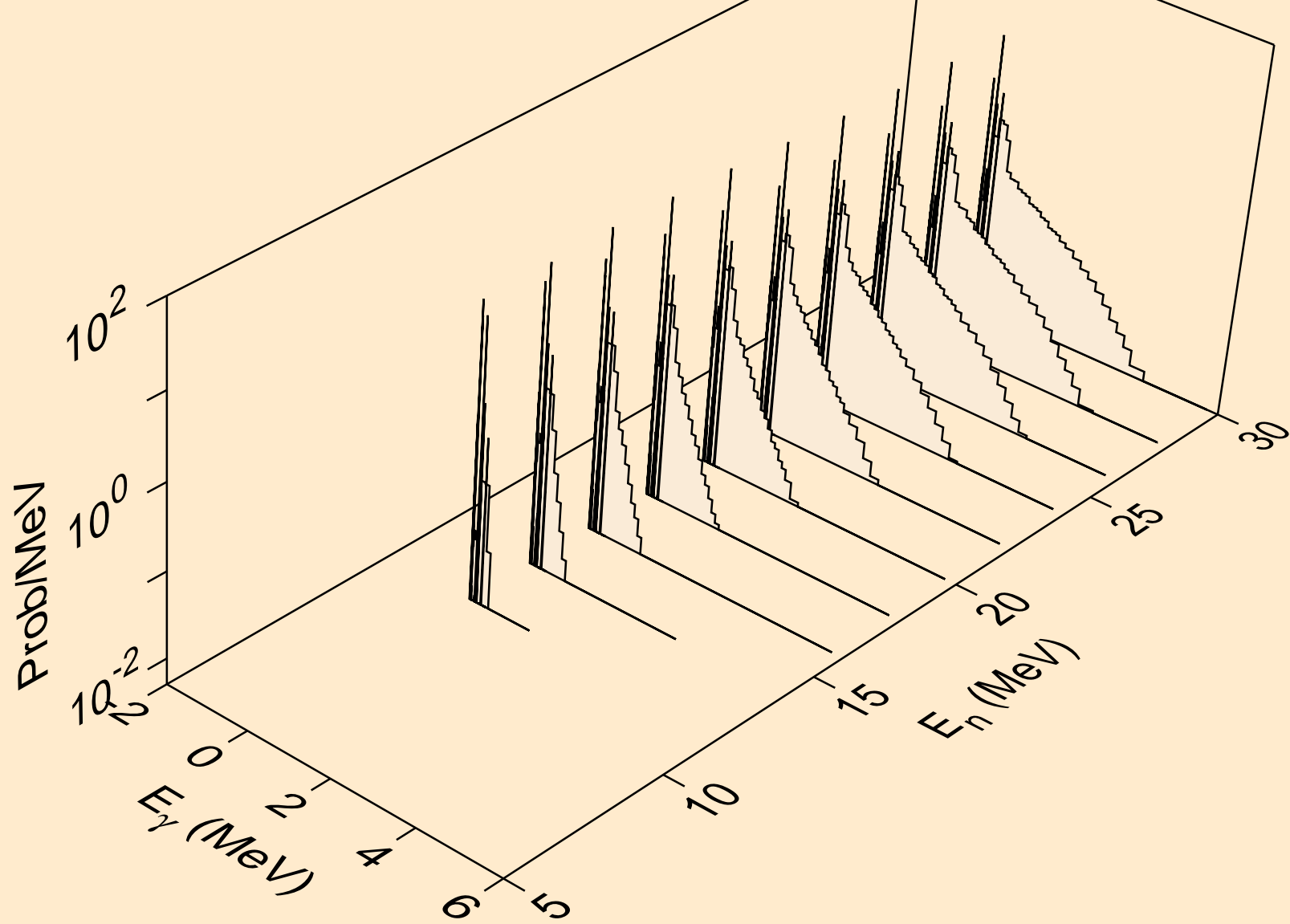




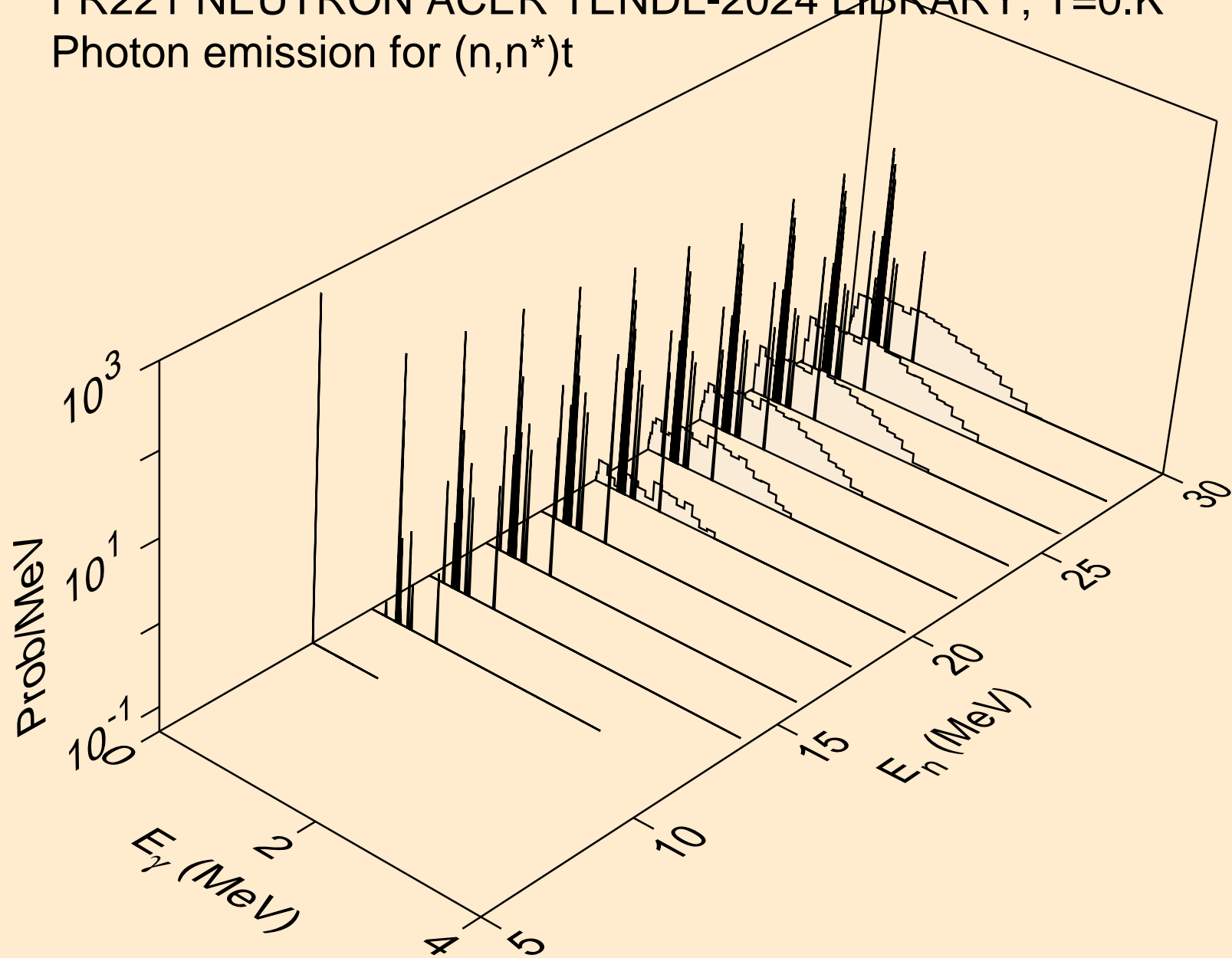
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Photon emission for (n,2n)2a



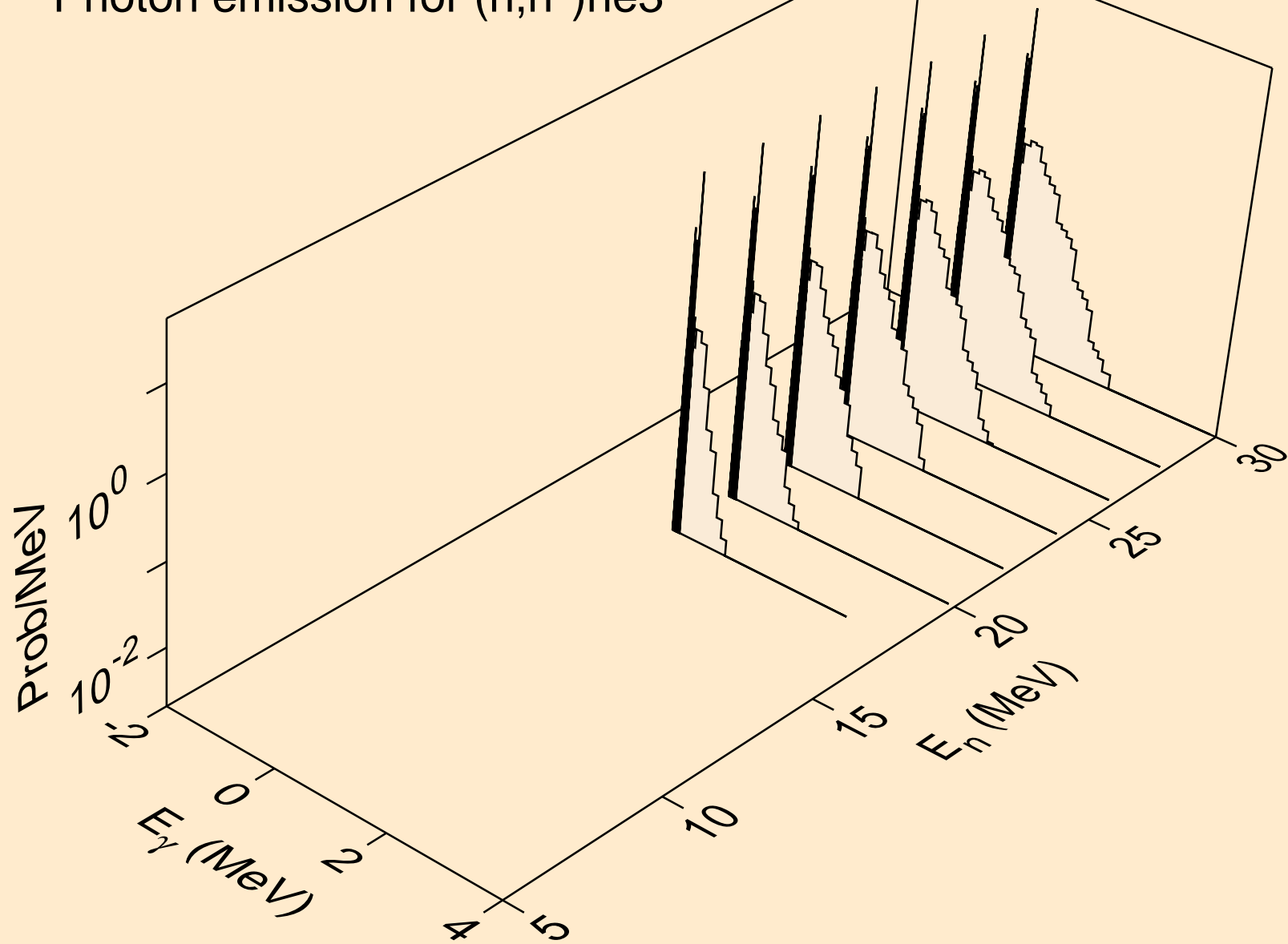
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



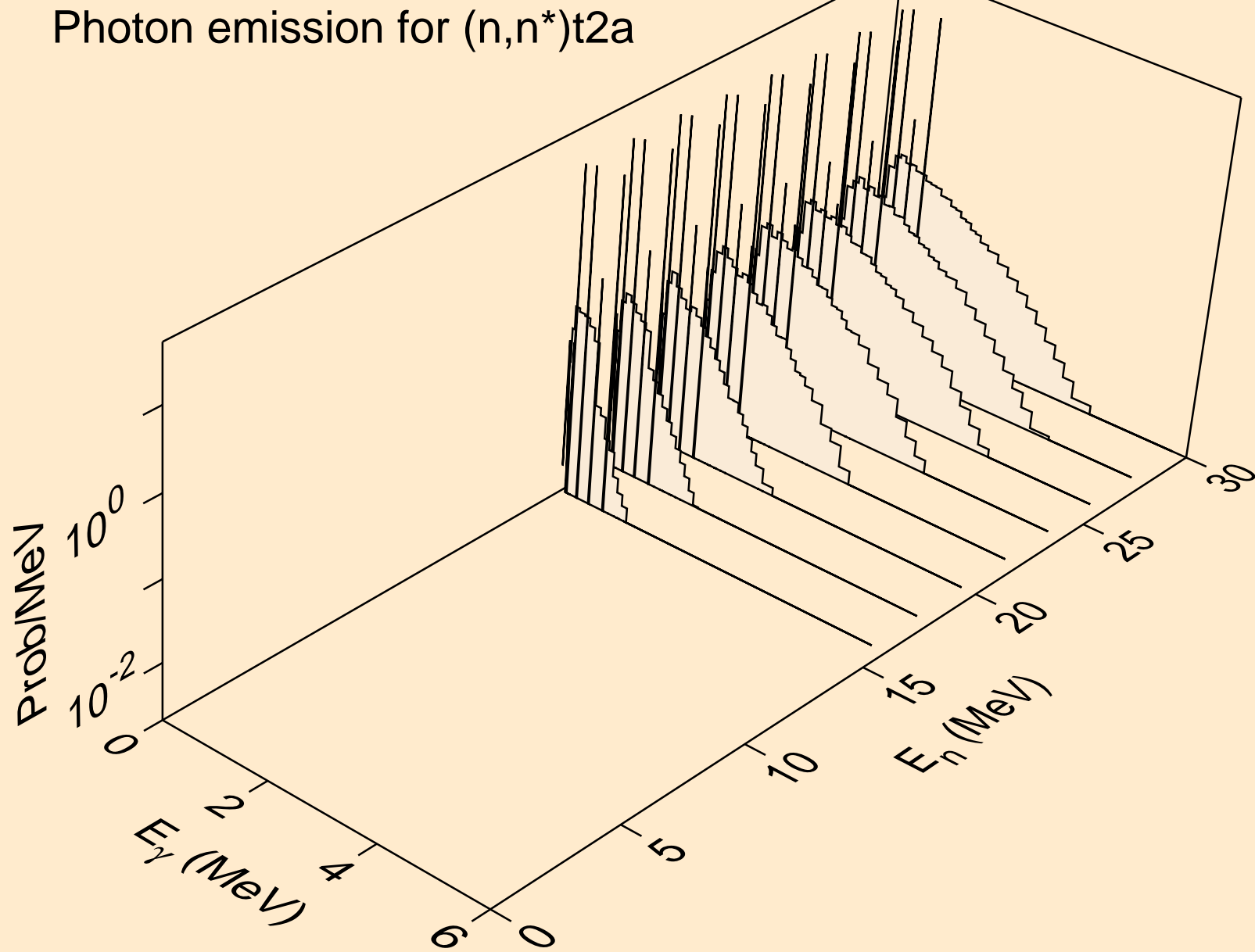
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



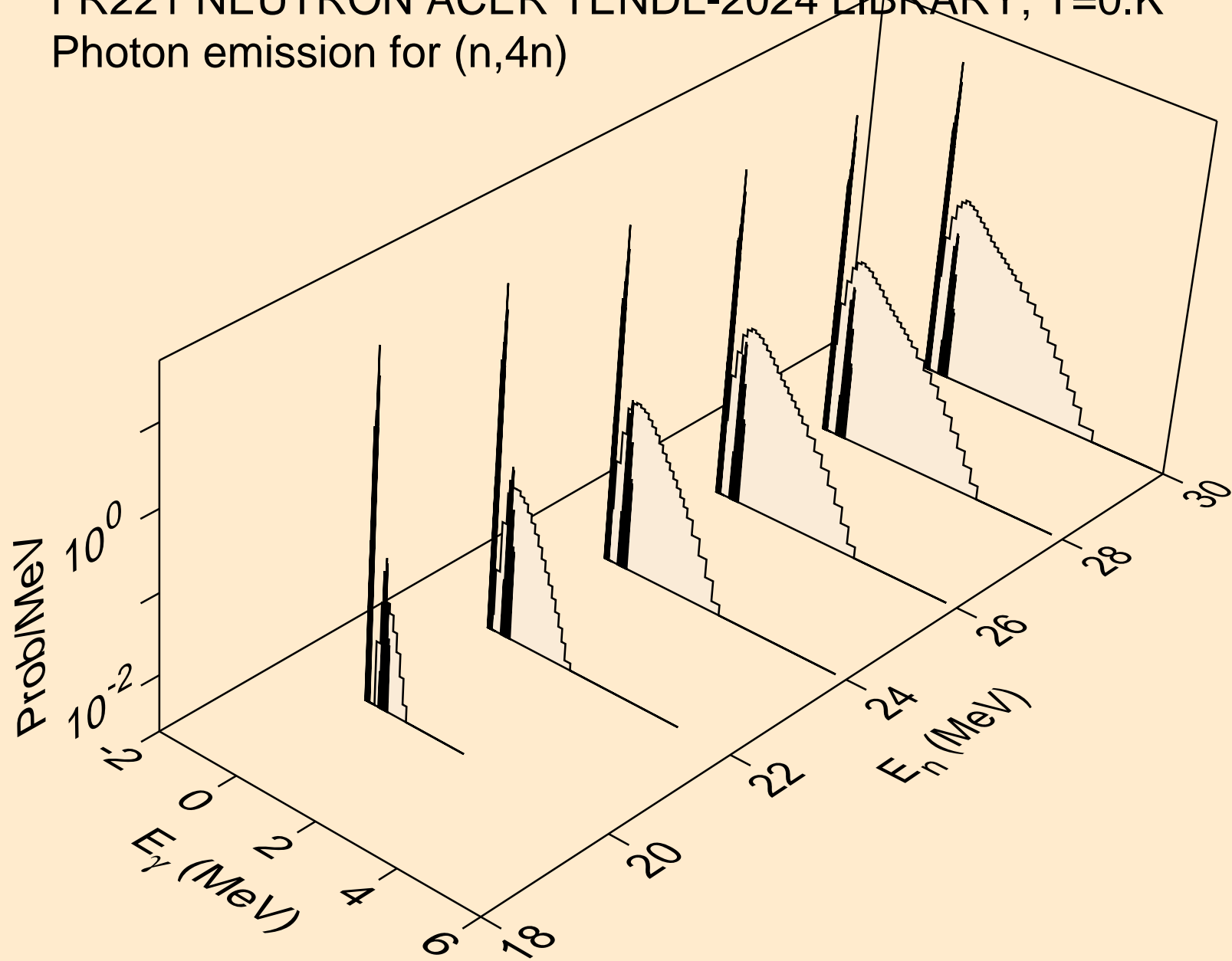
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



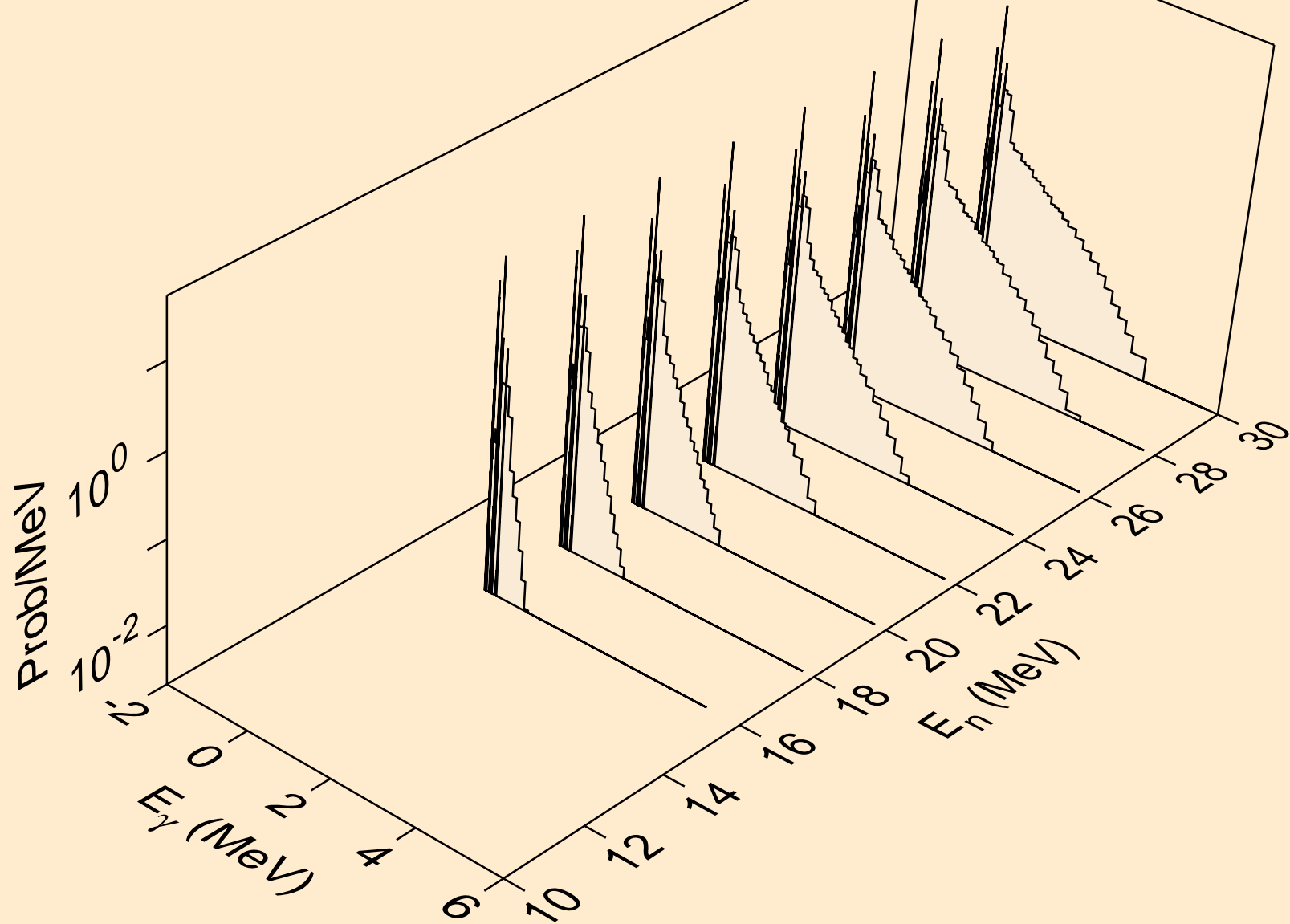
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Photon emission for (n,n\*)t2a



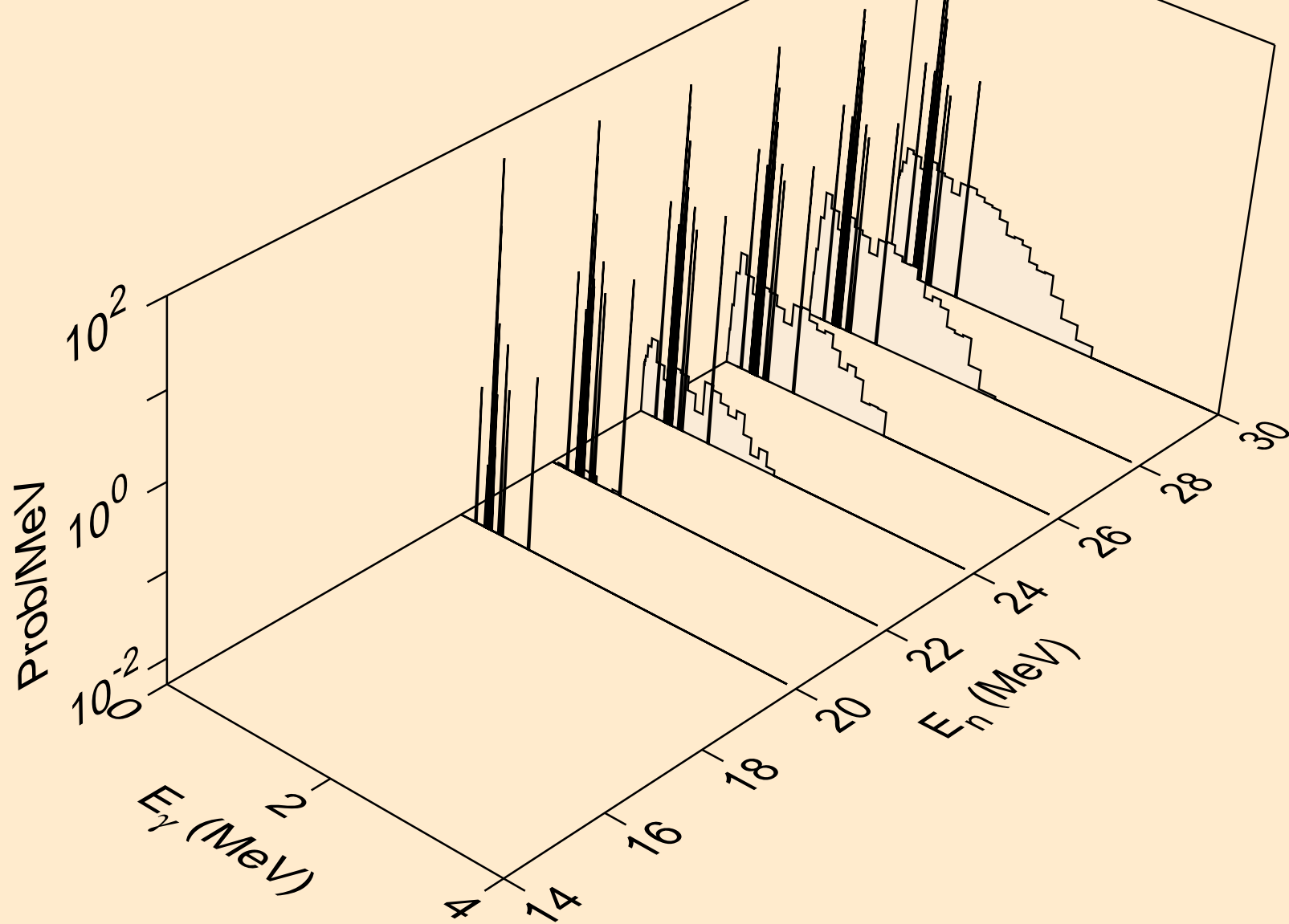
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

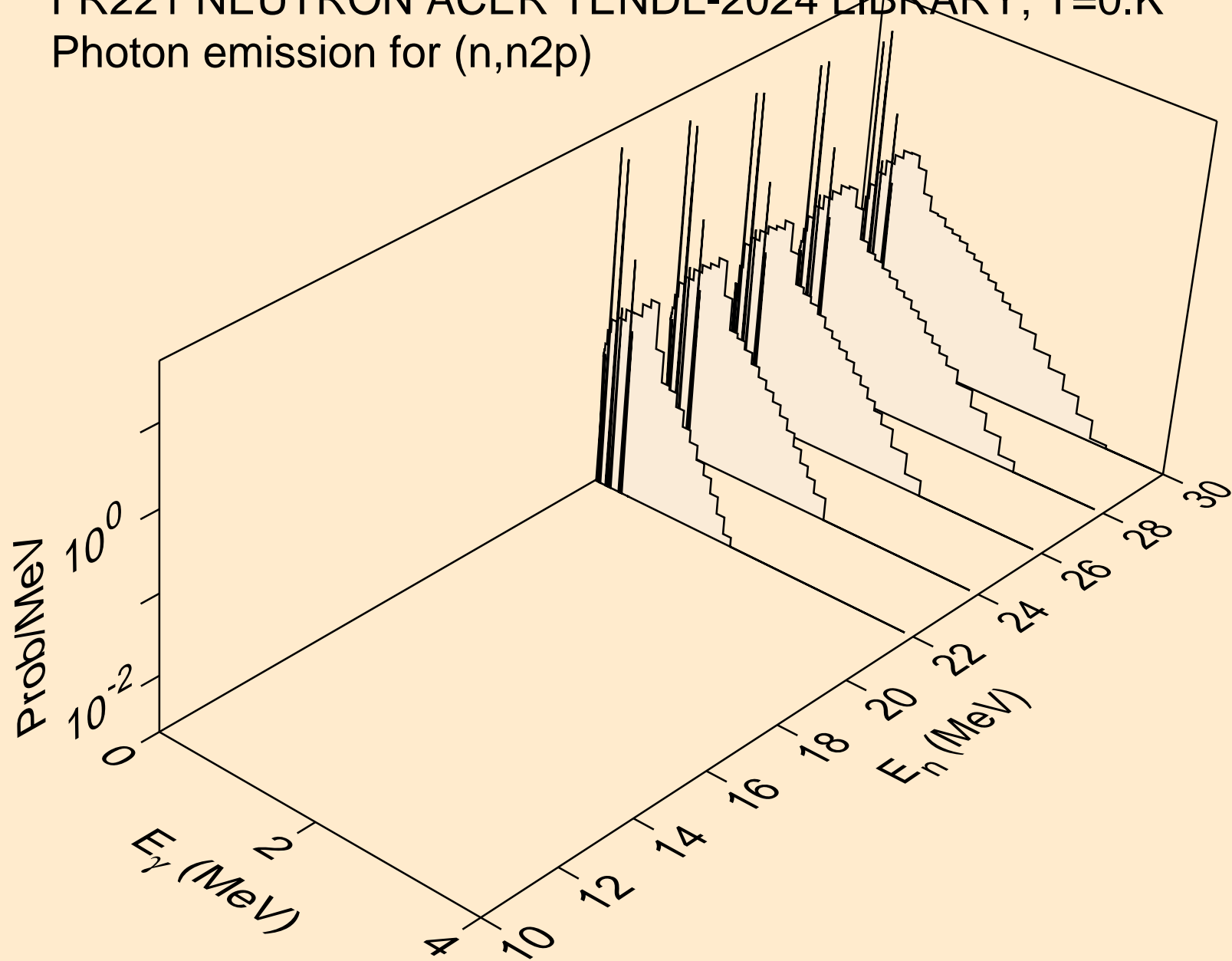


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Photon emission for (n,3np)

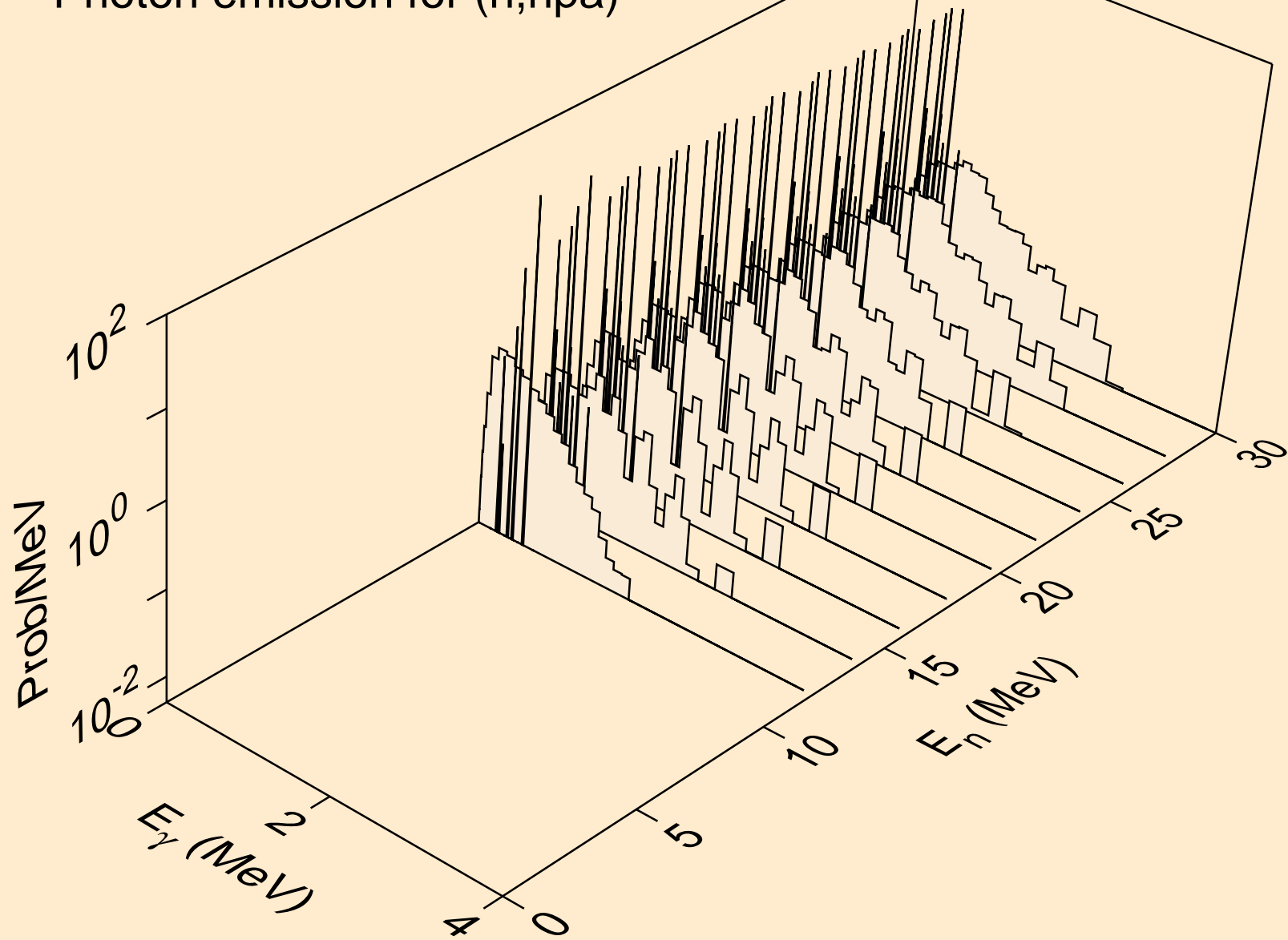




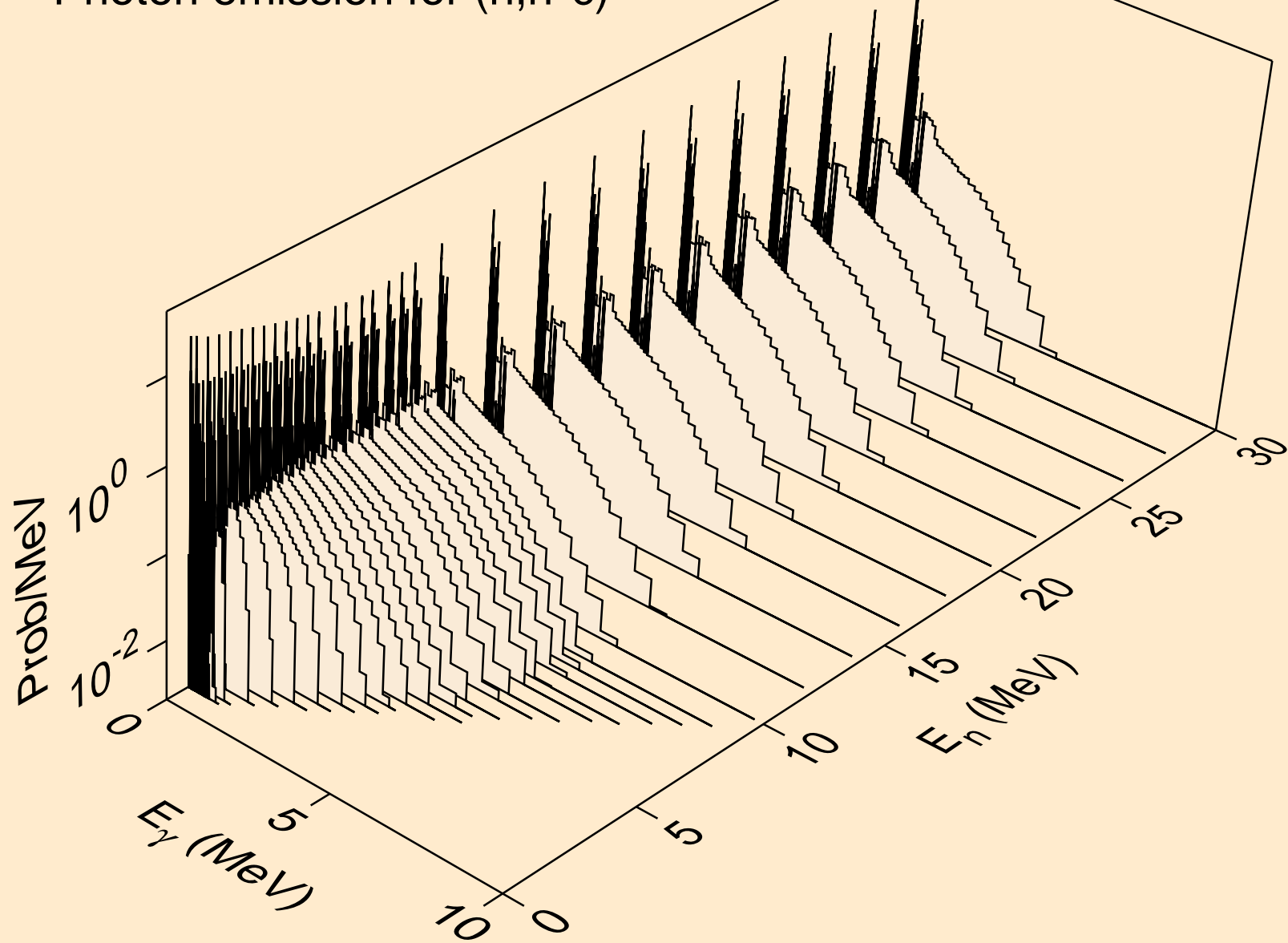
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Photon emission for (n,n2p)



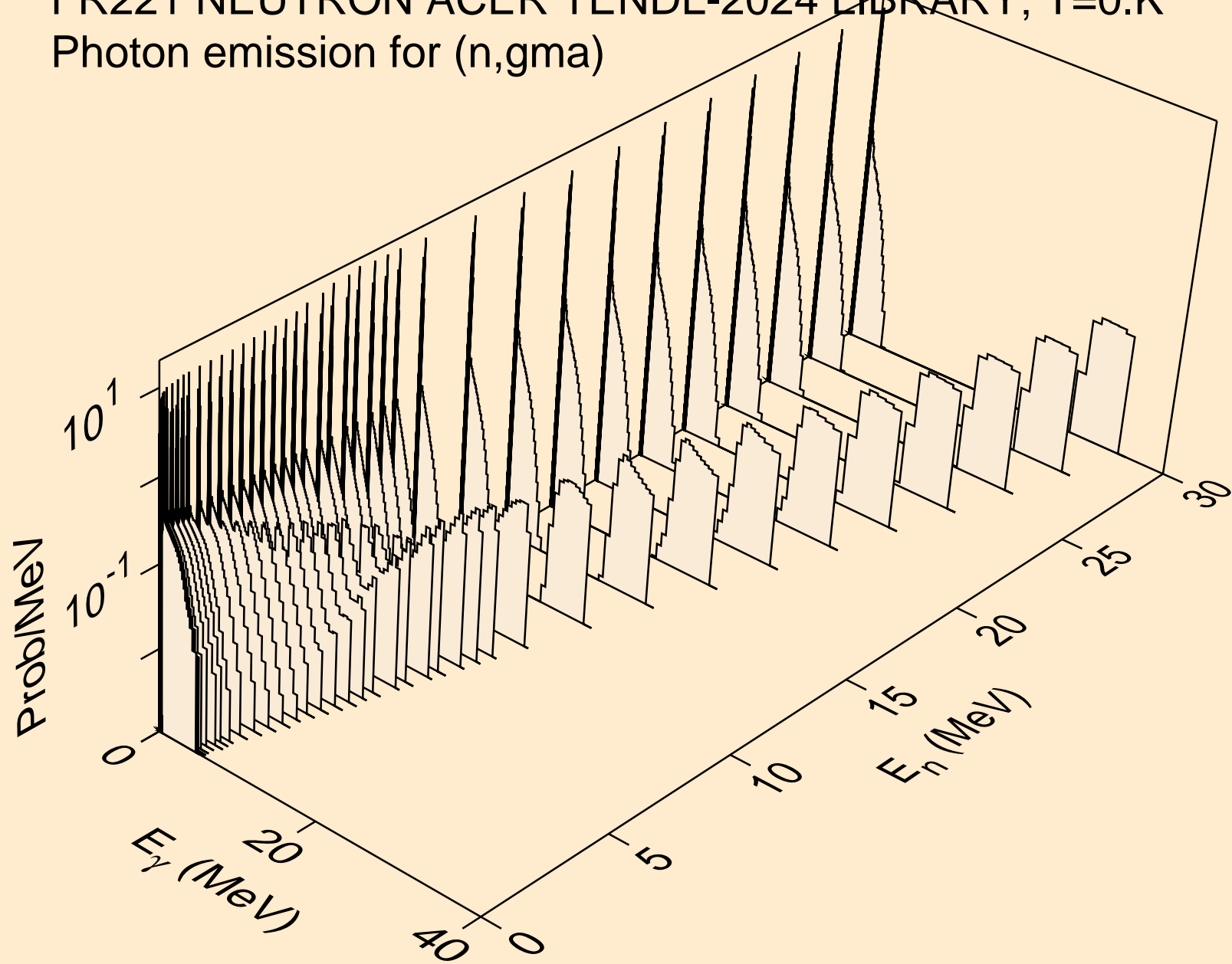
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



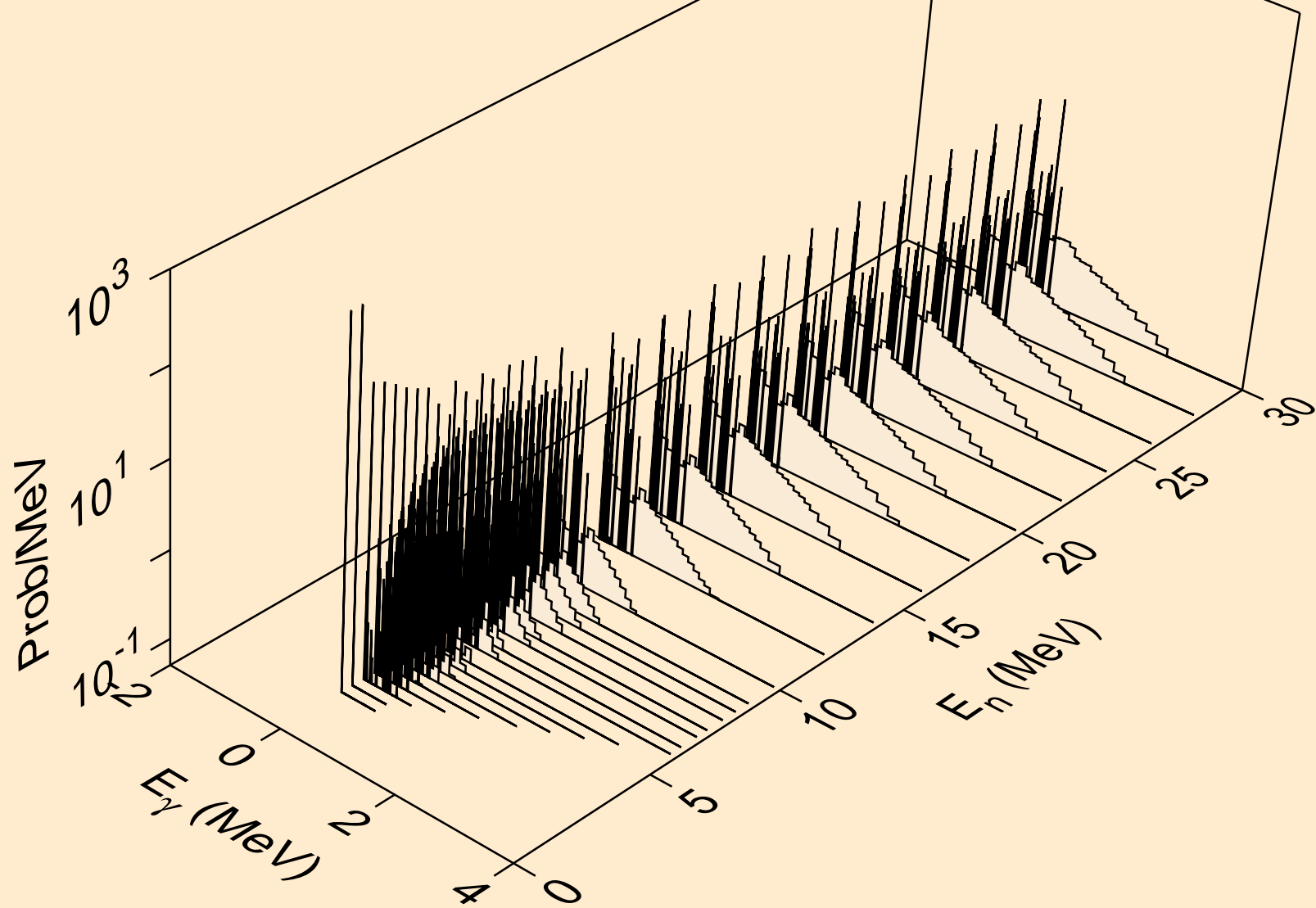
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



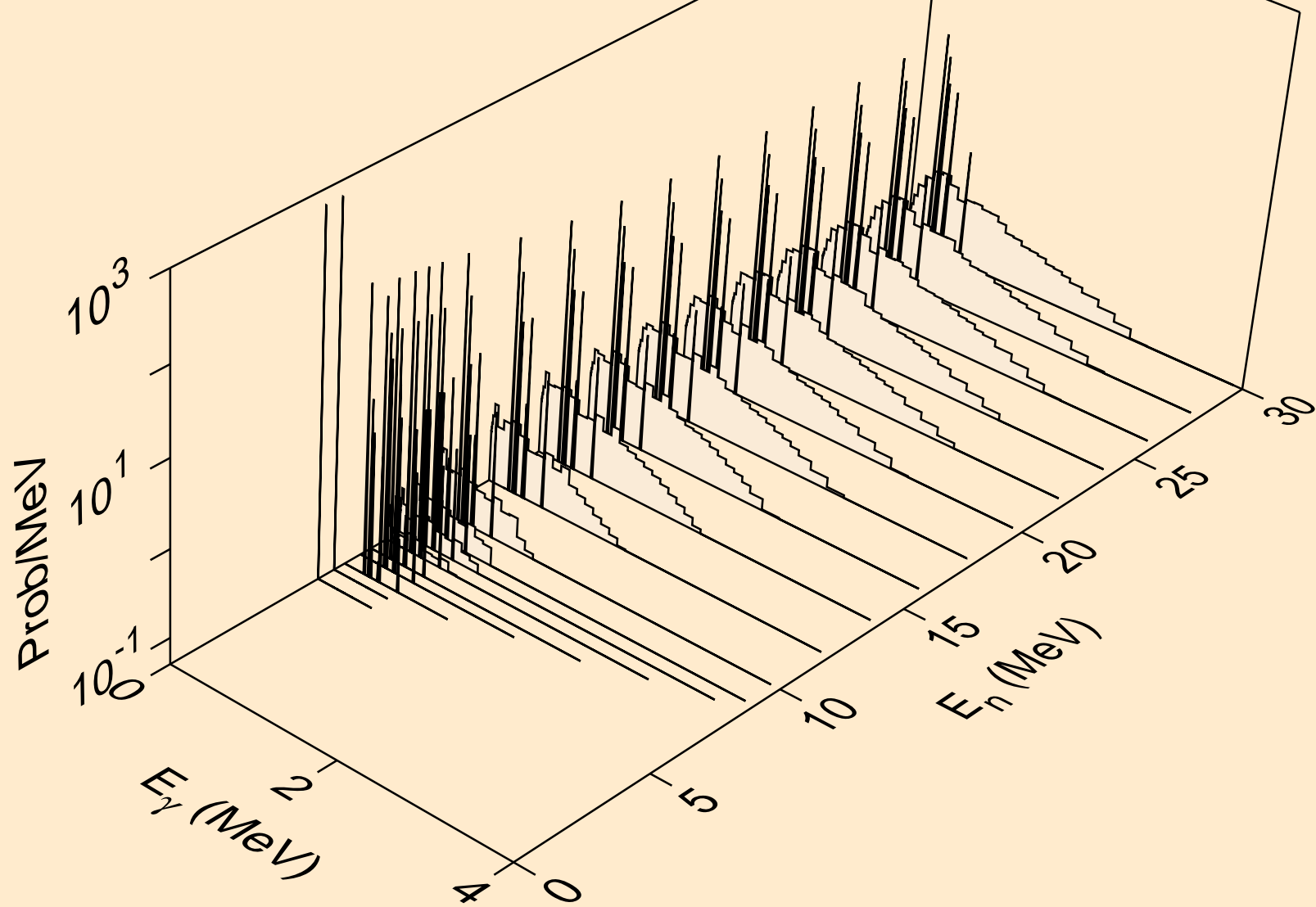
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



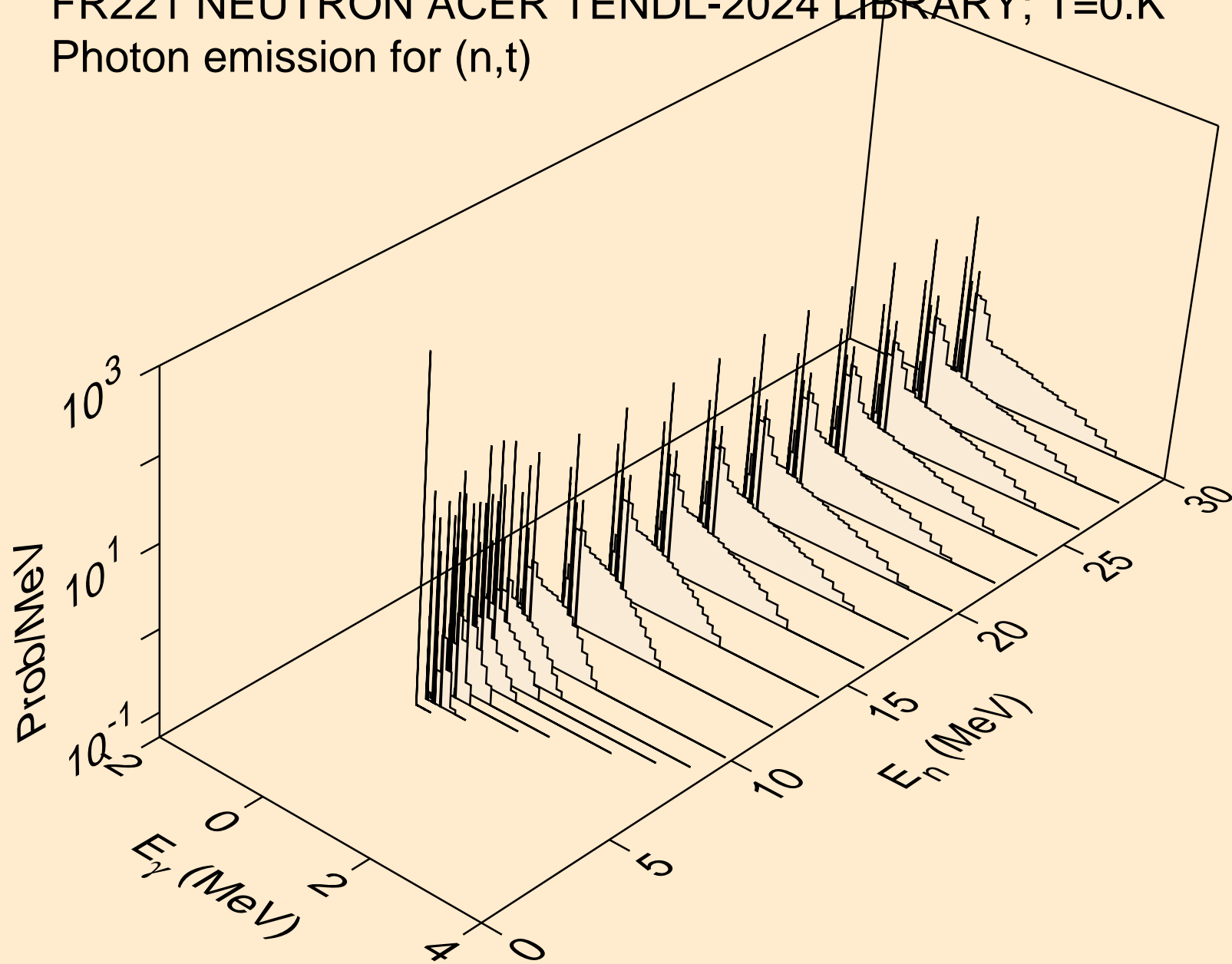
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



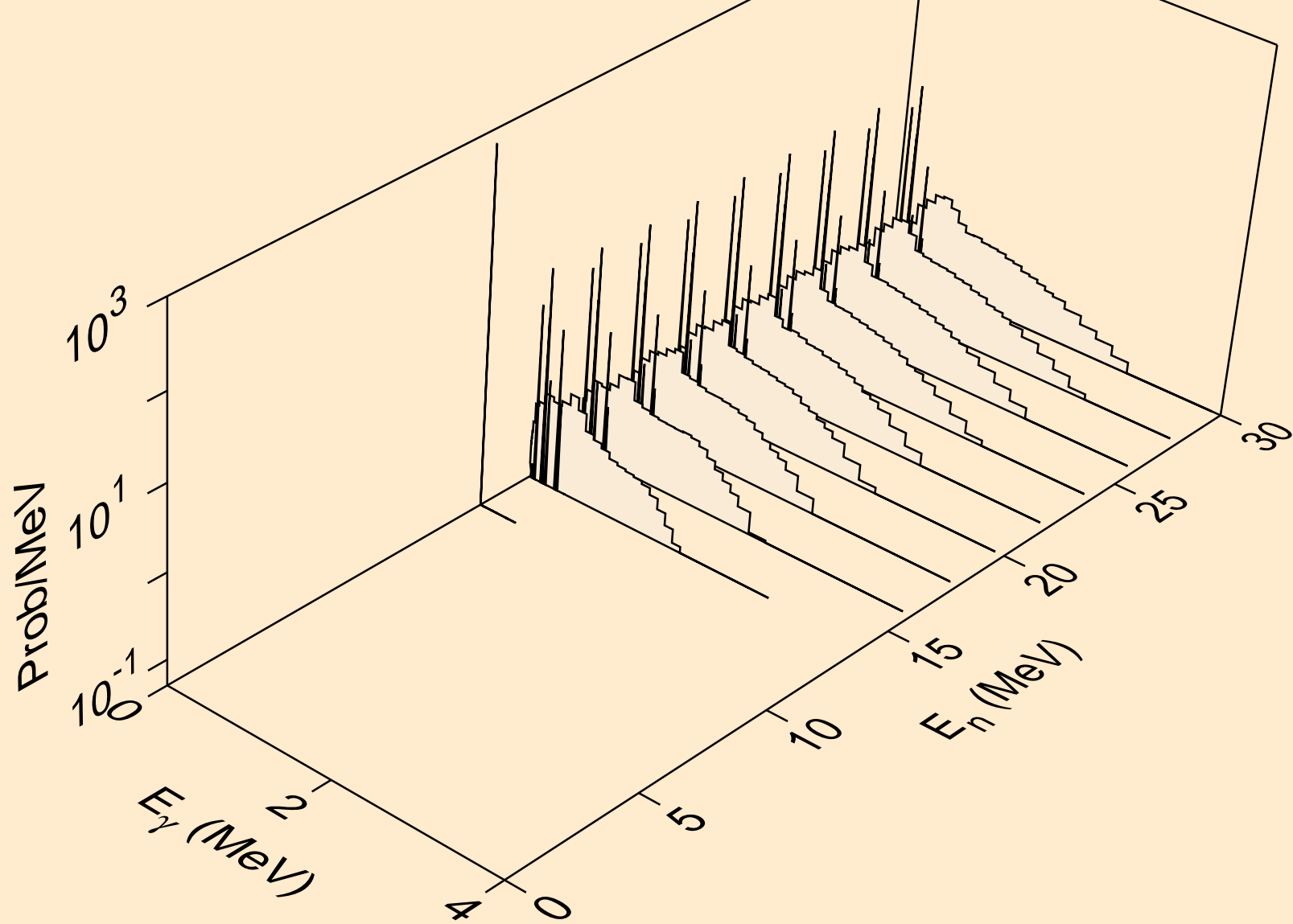
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

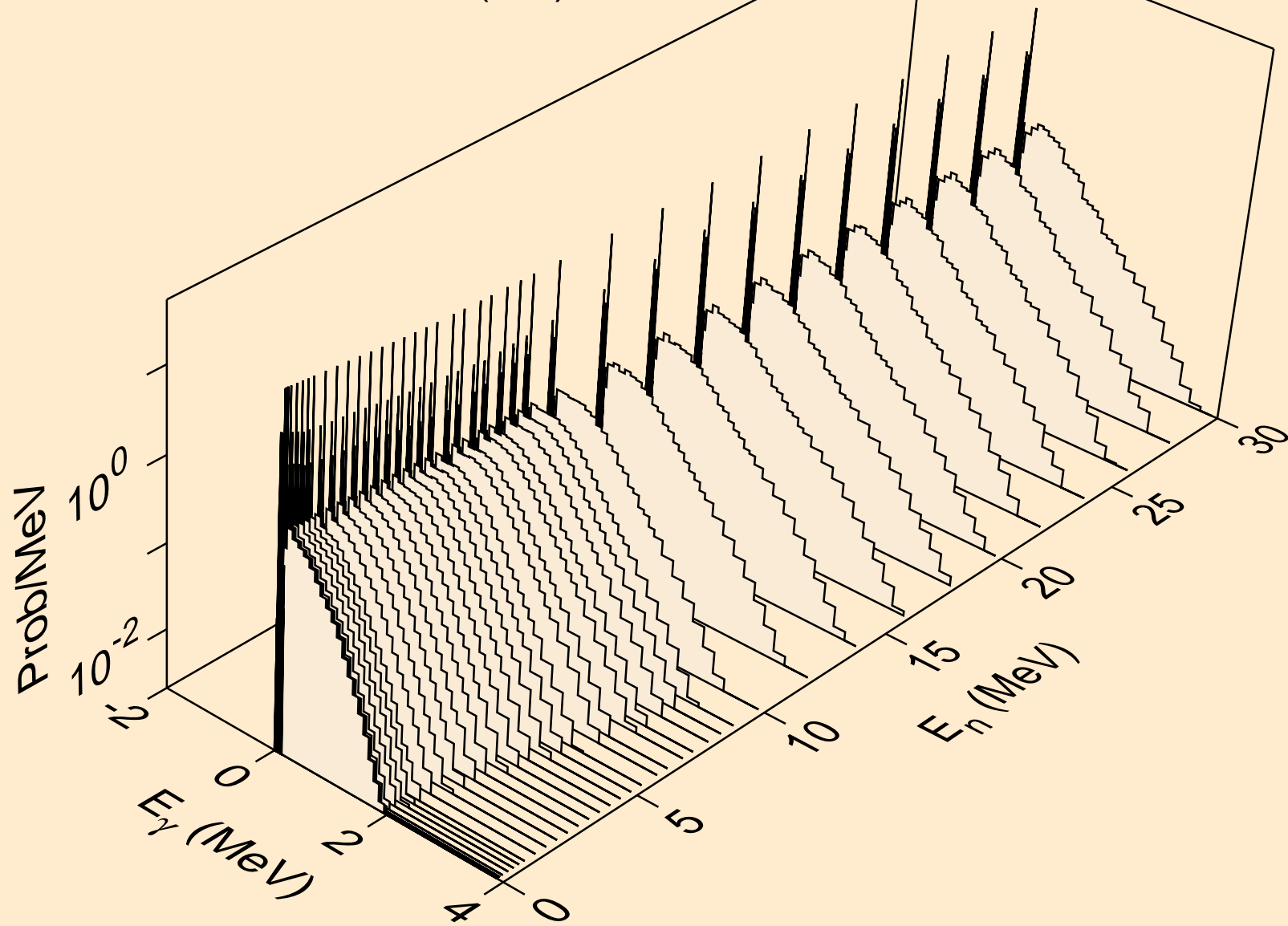


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Photon emission for (n,he3)

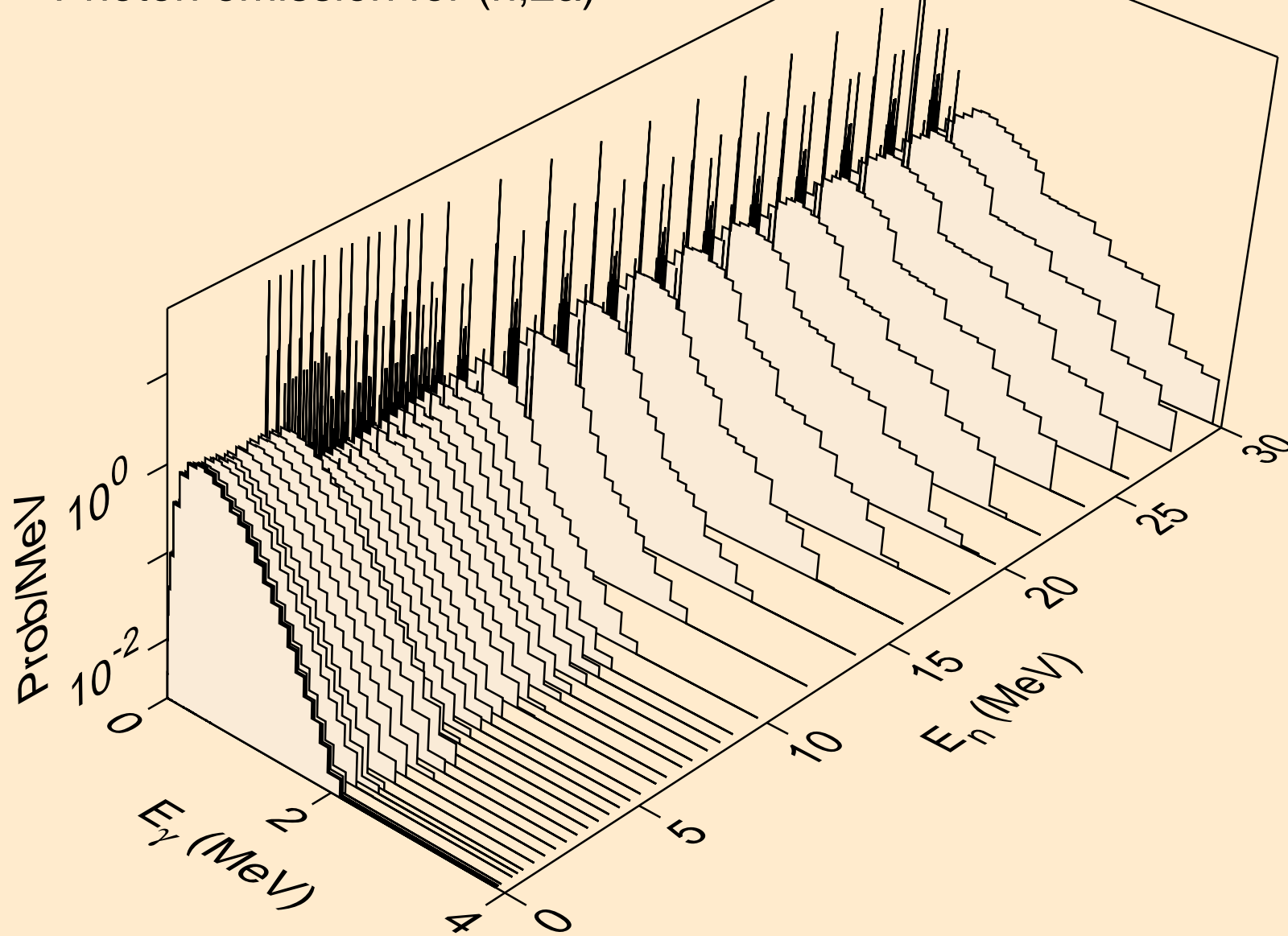




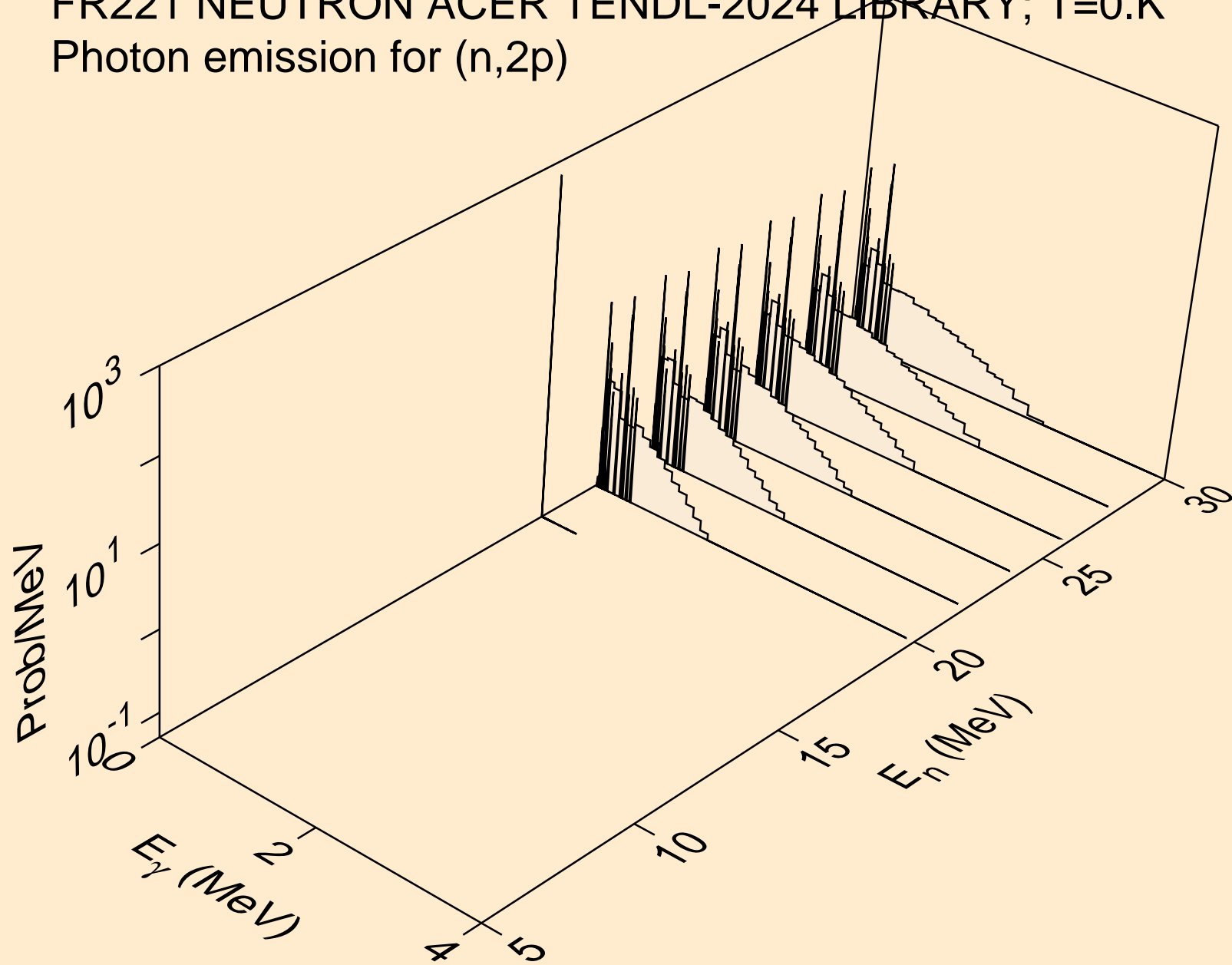
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



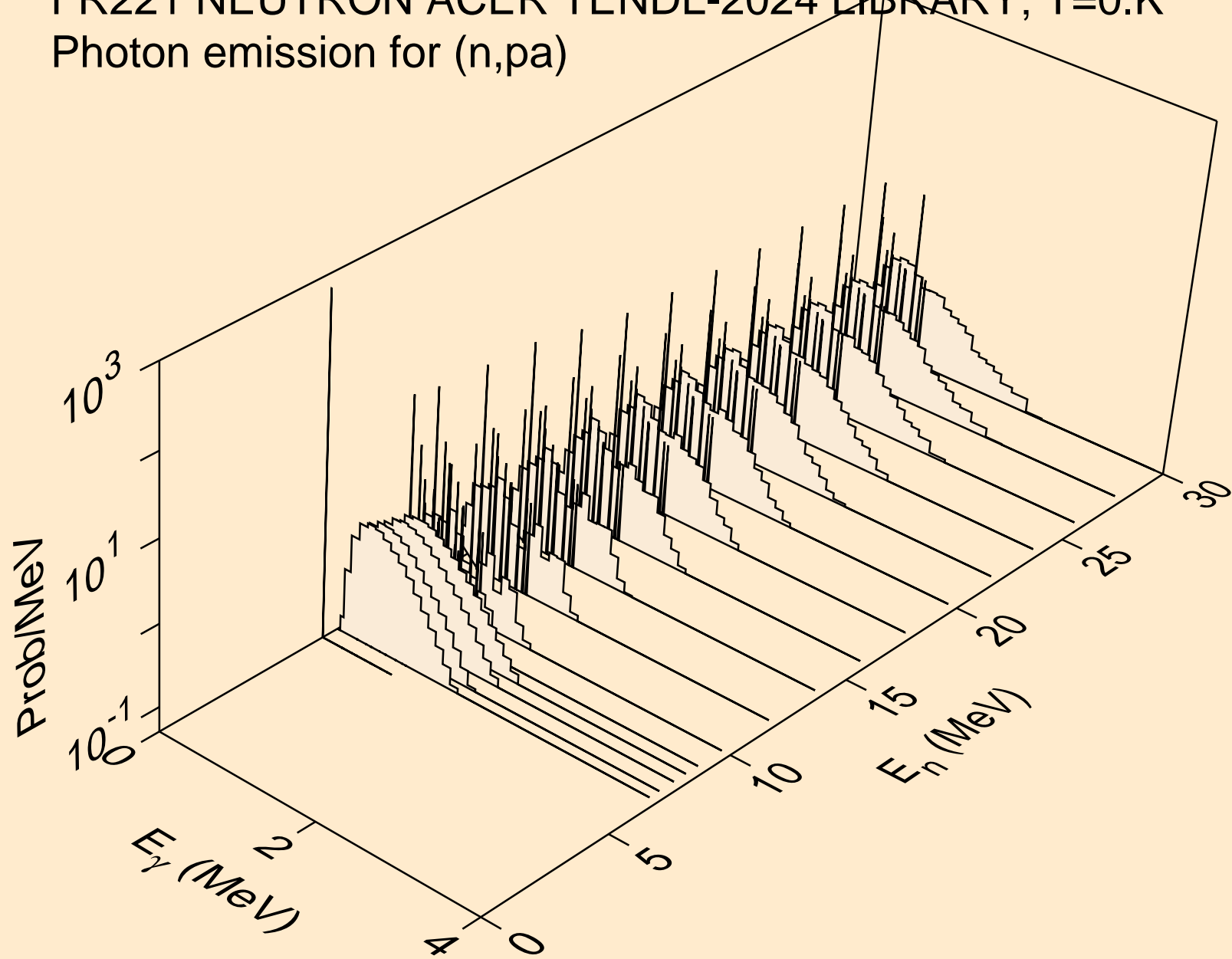
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



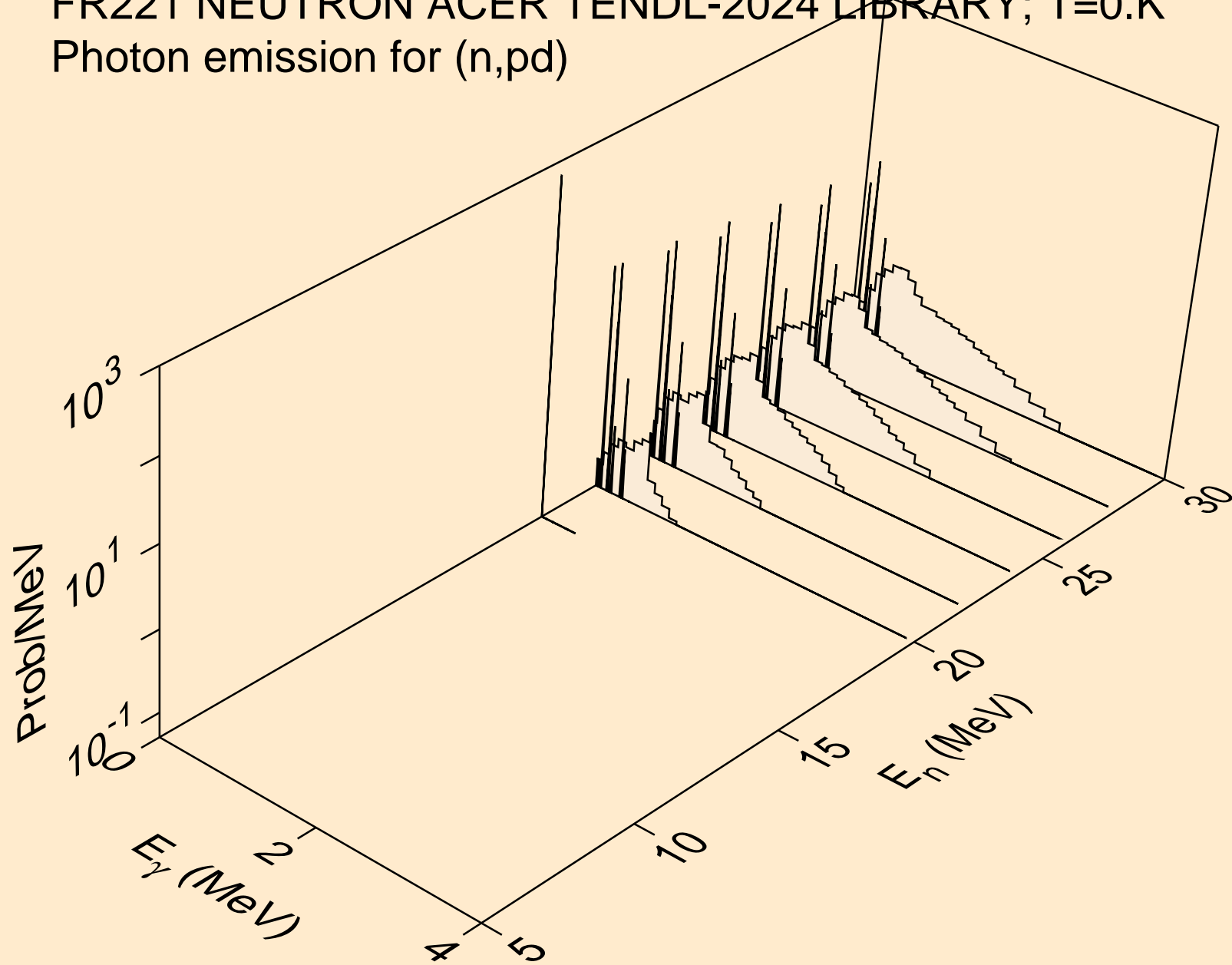
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Photon emission for (n,2p)



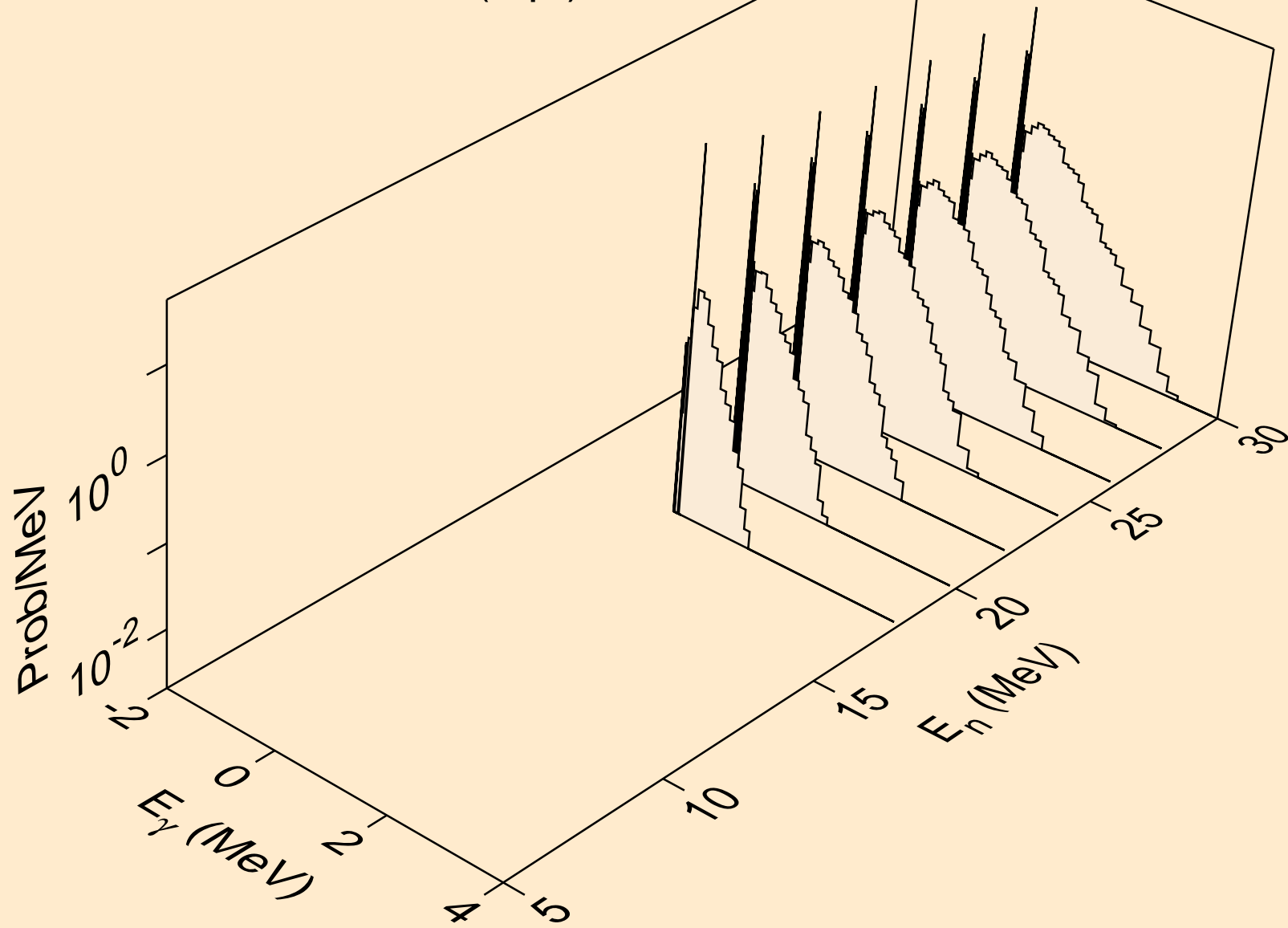
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



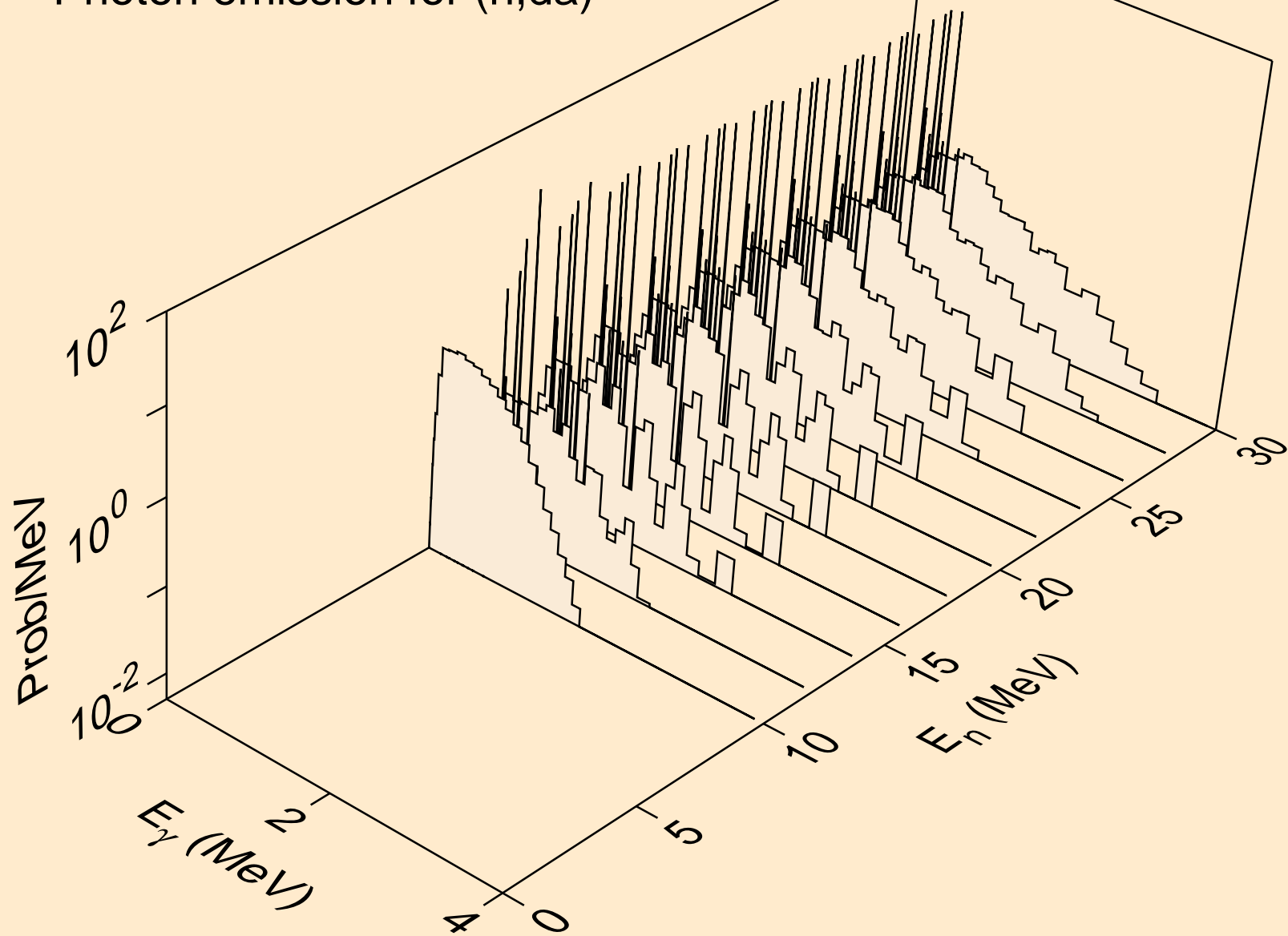
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



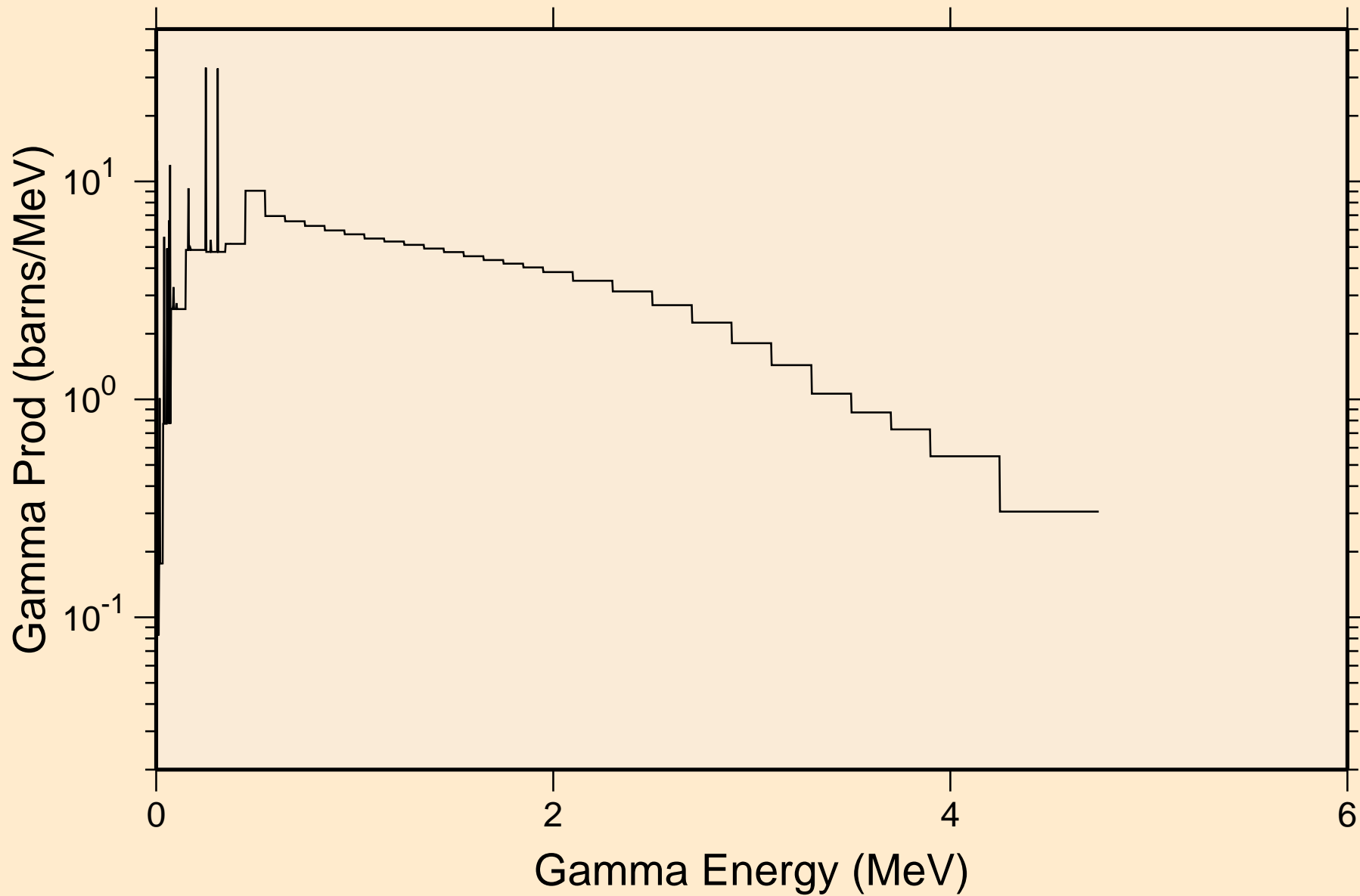
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

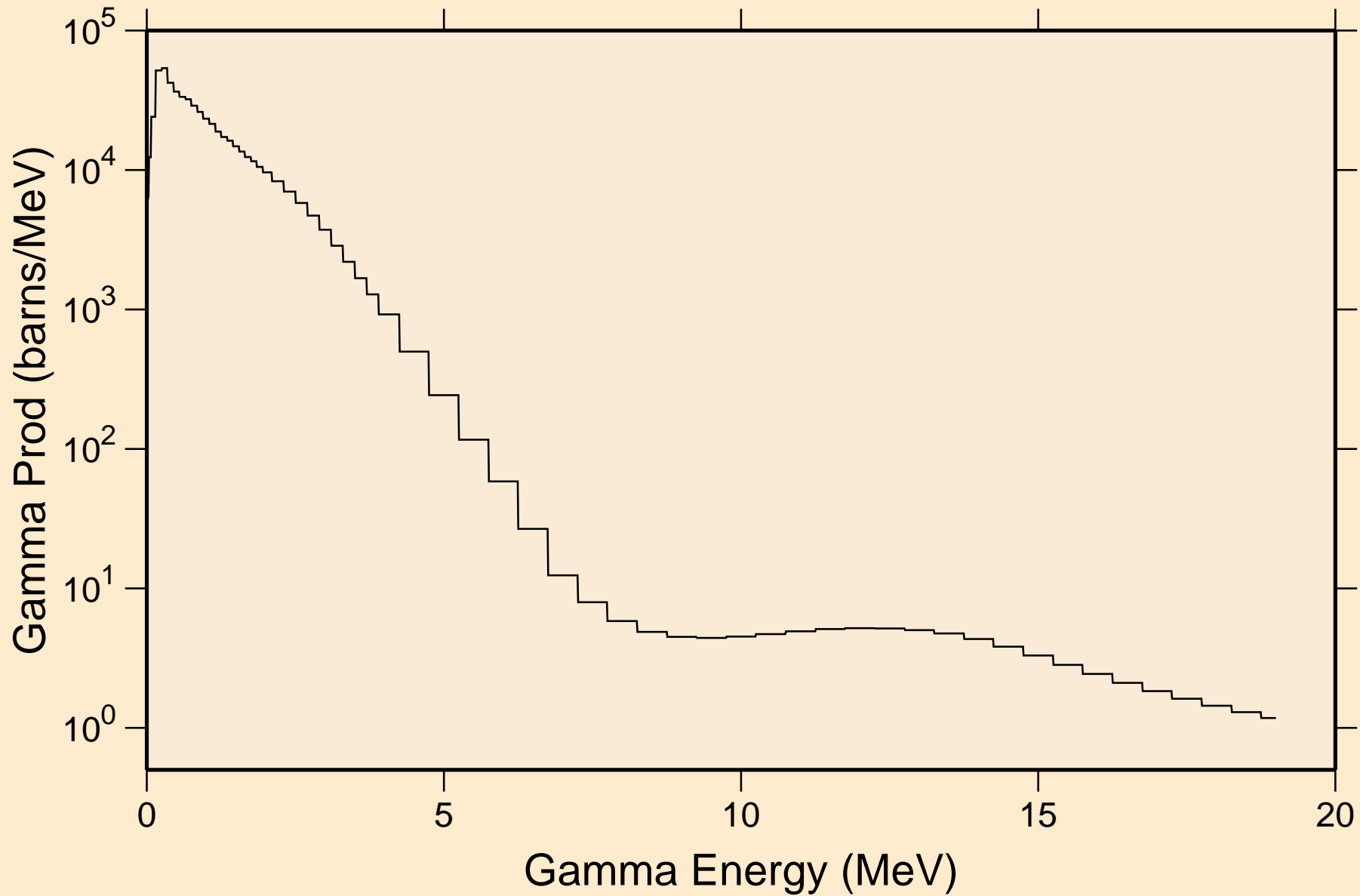


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



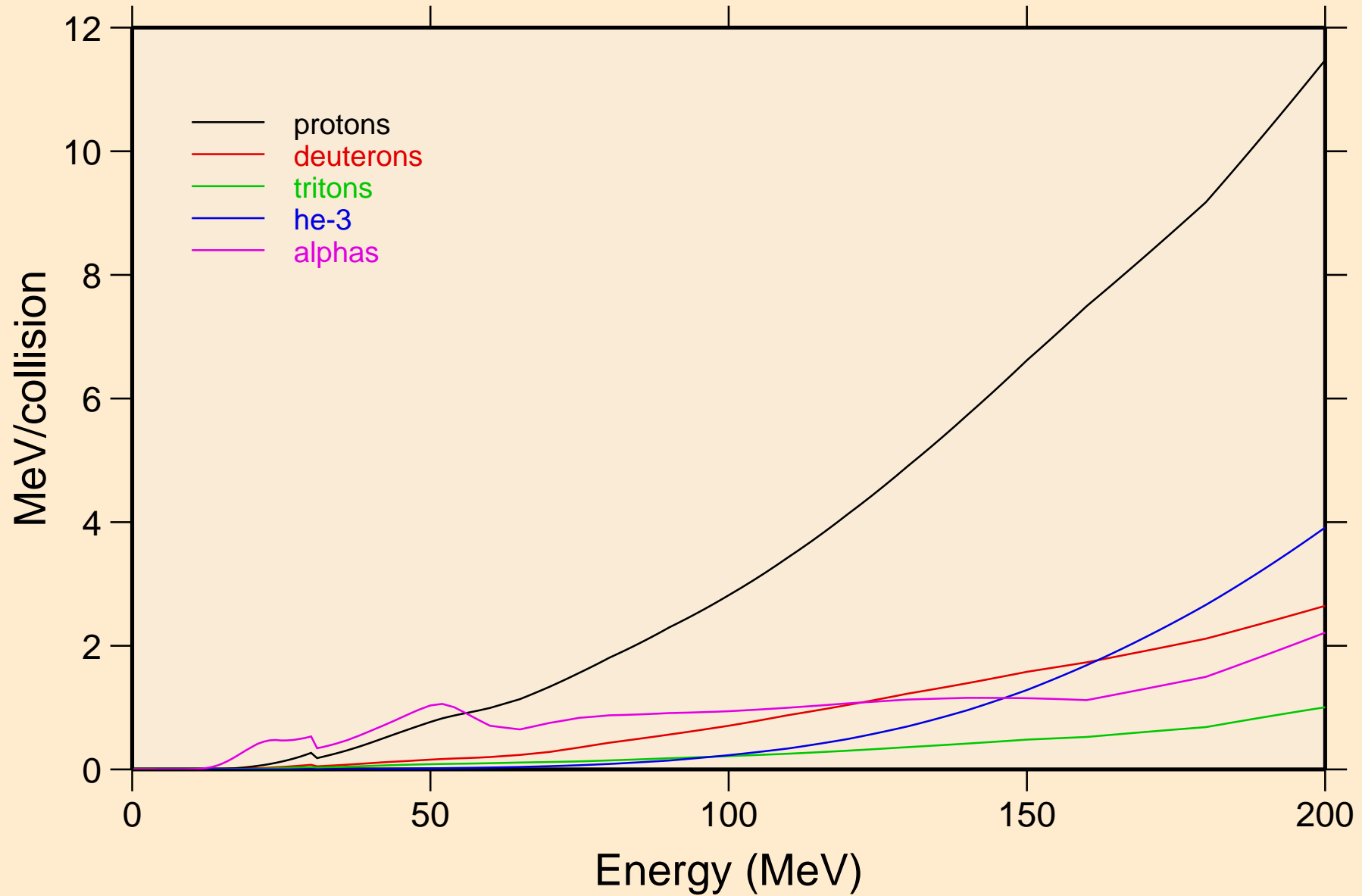


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

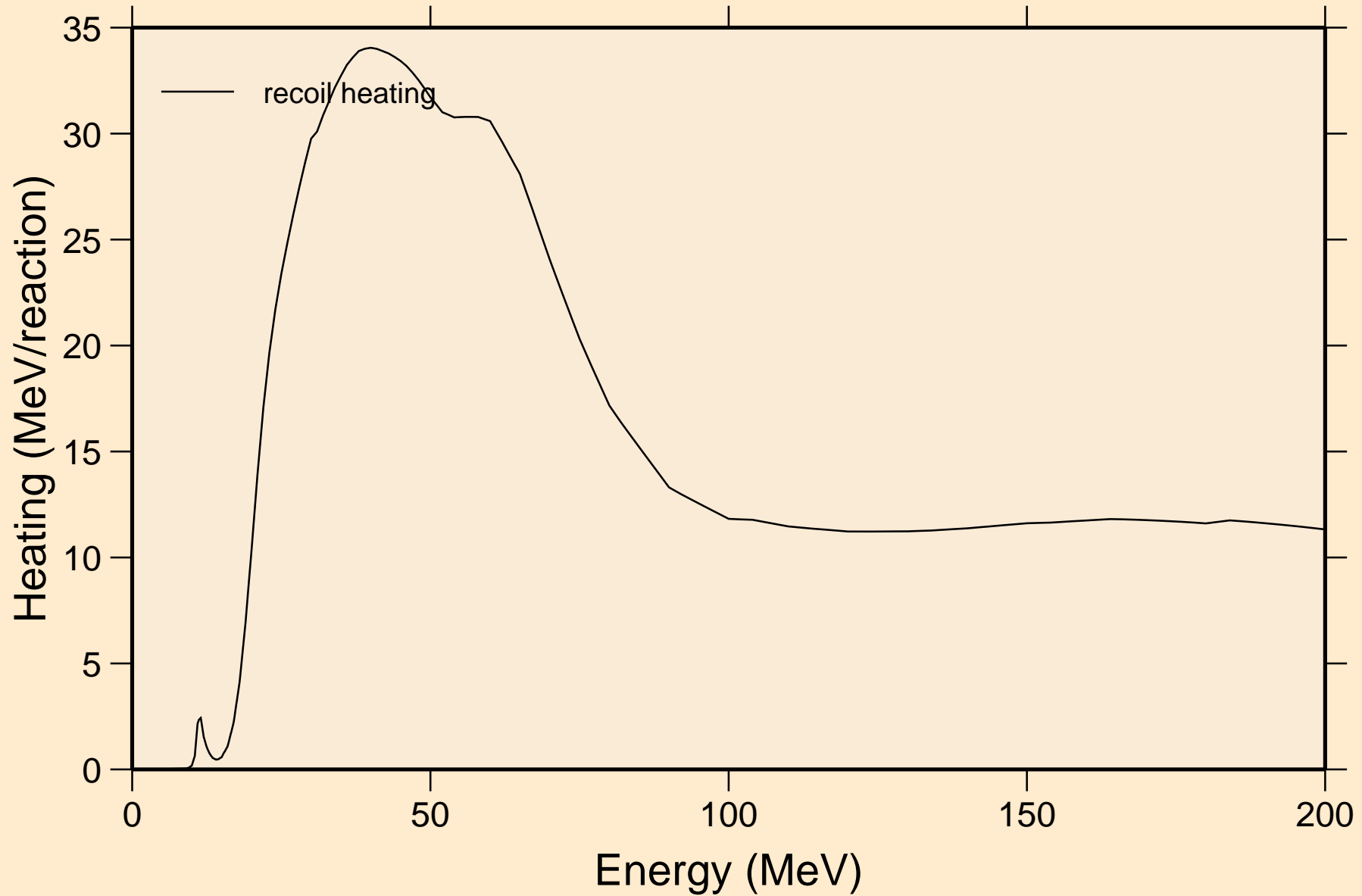


# FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

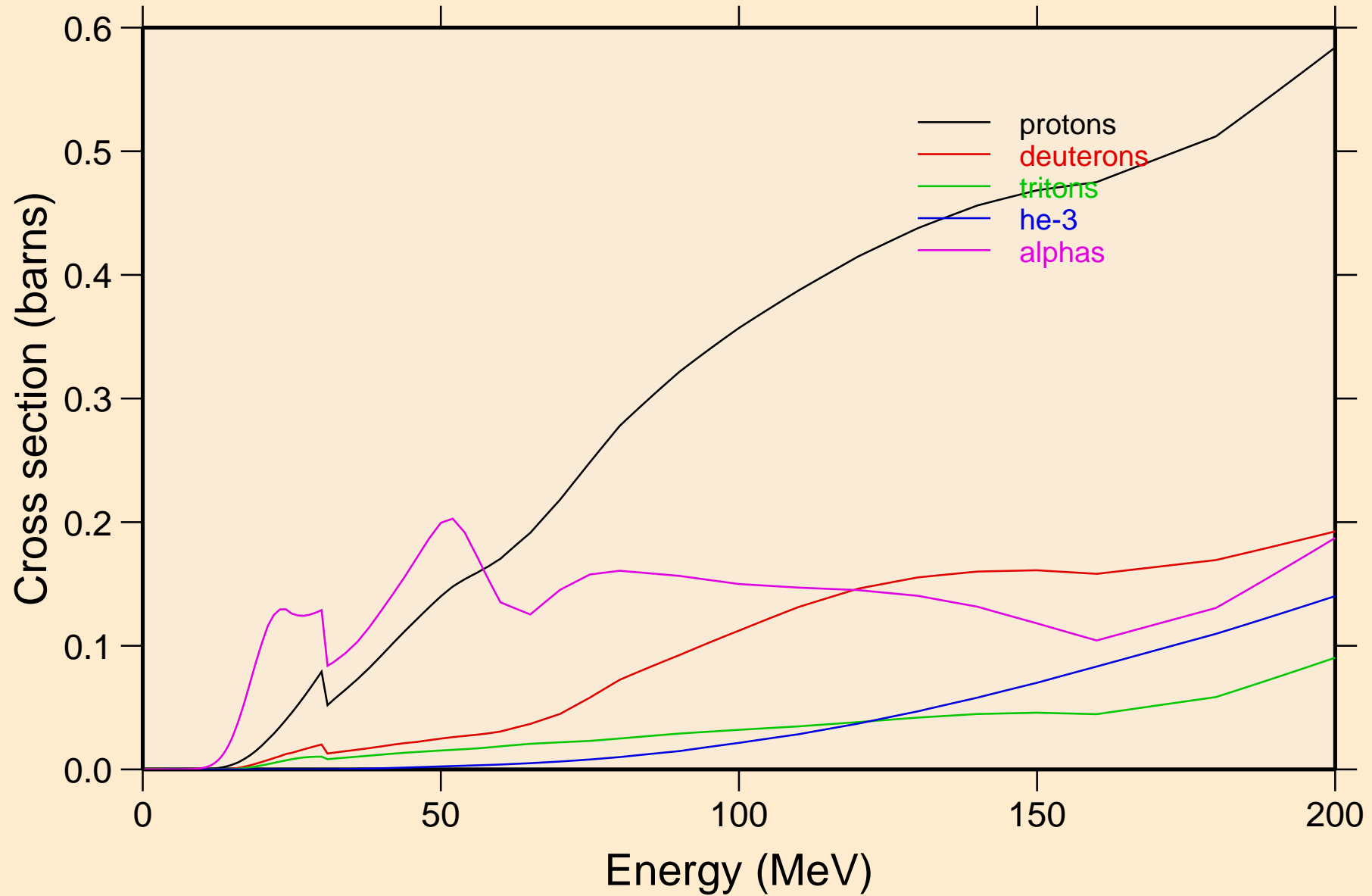
## Particle heating contributions



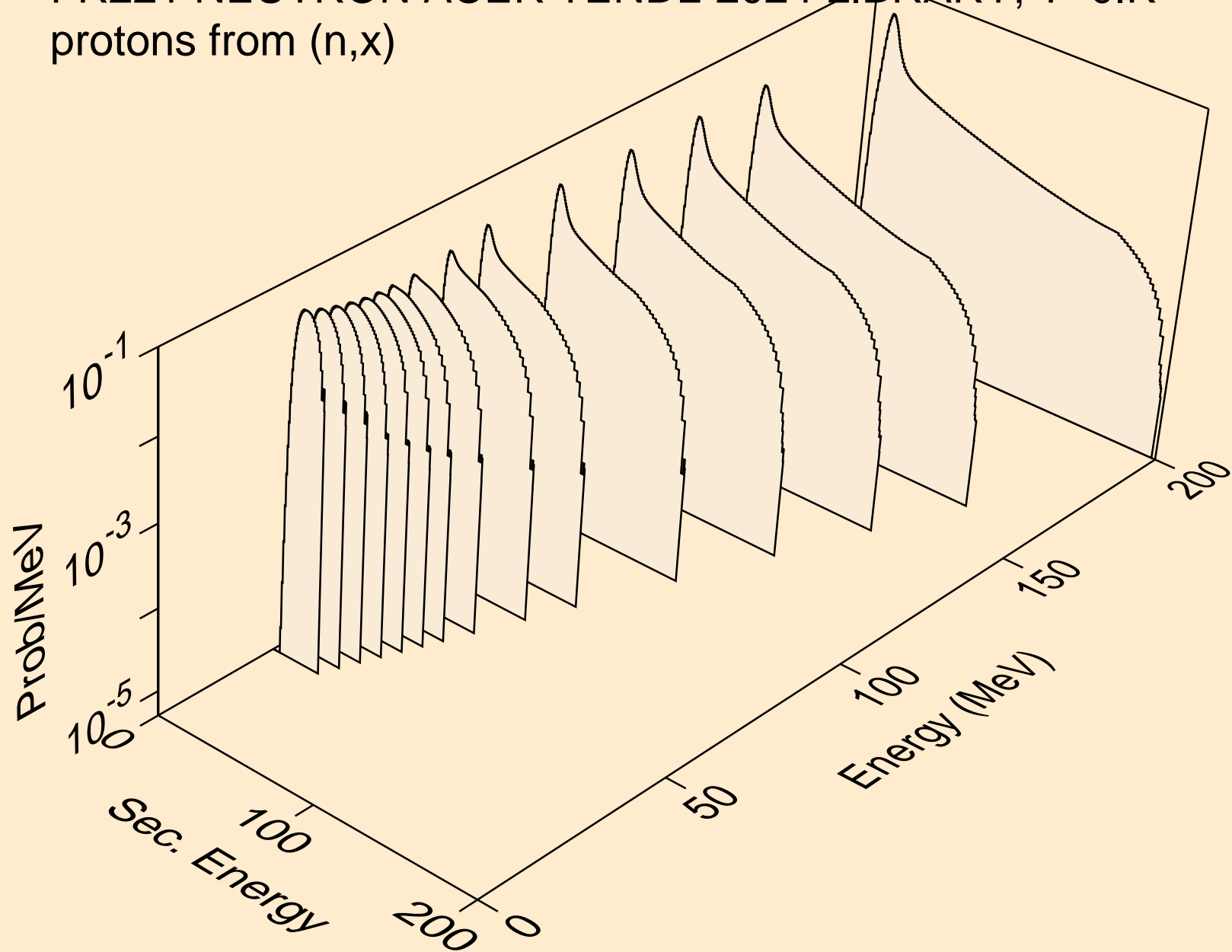
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



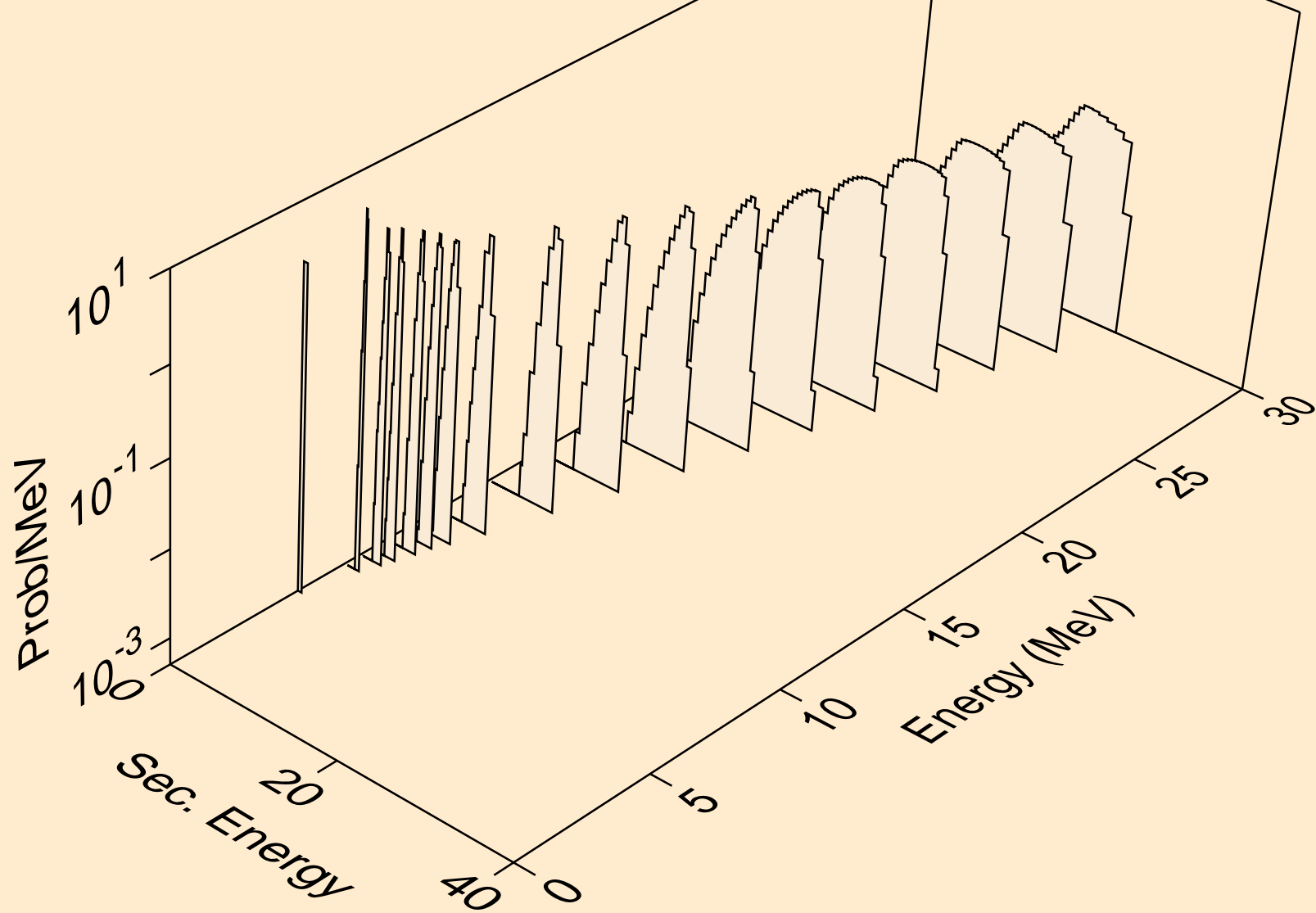
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



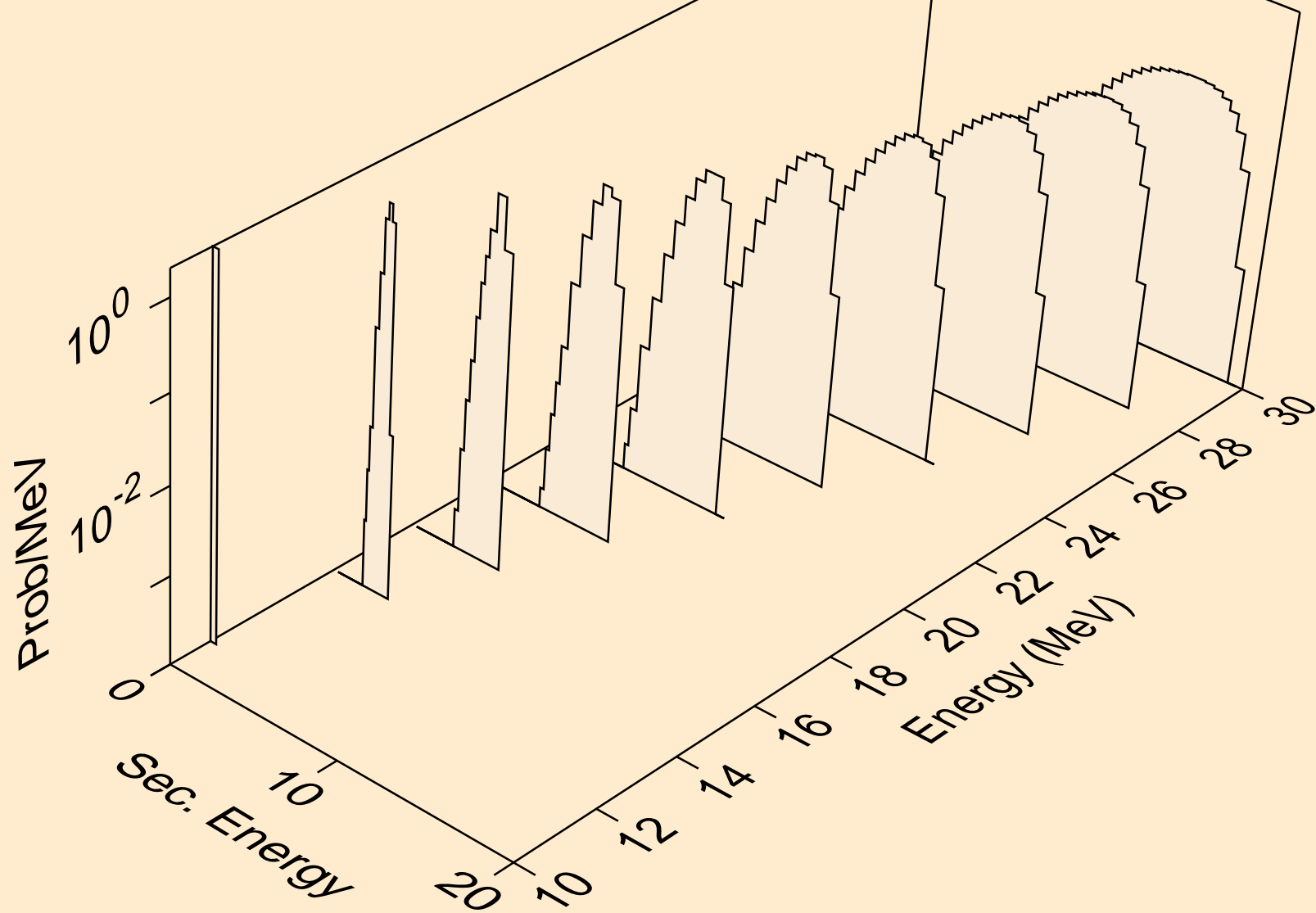
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



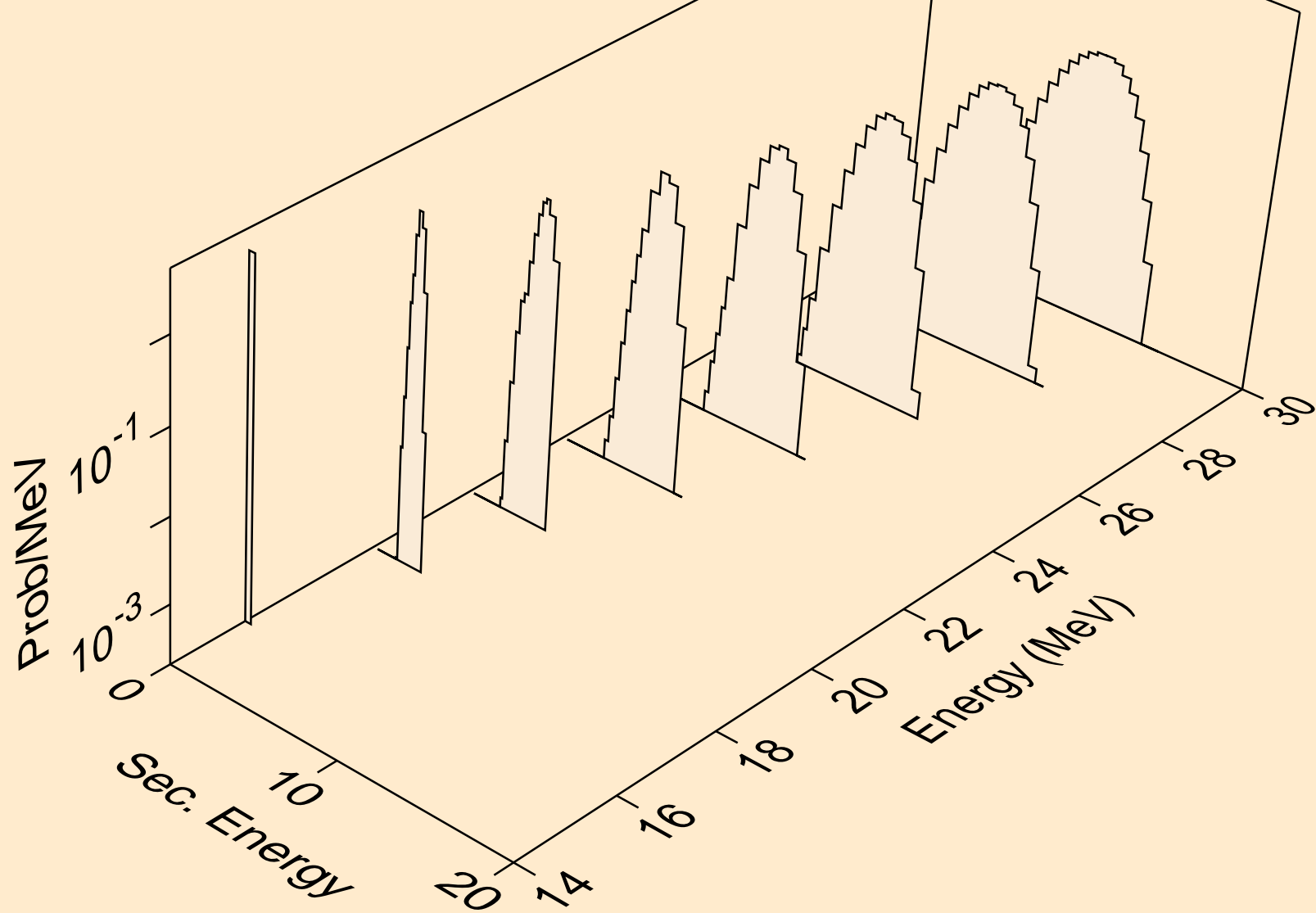
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

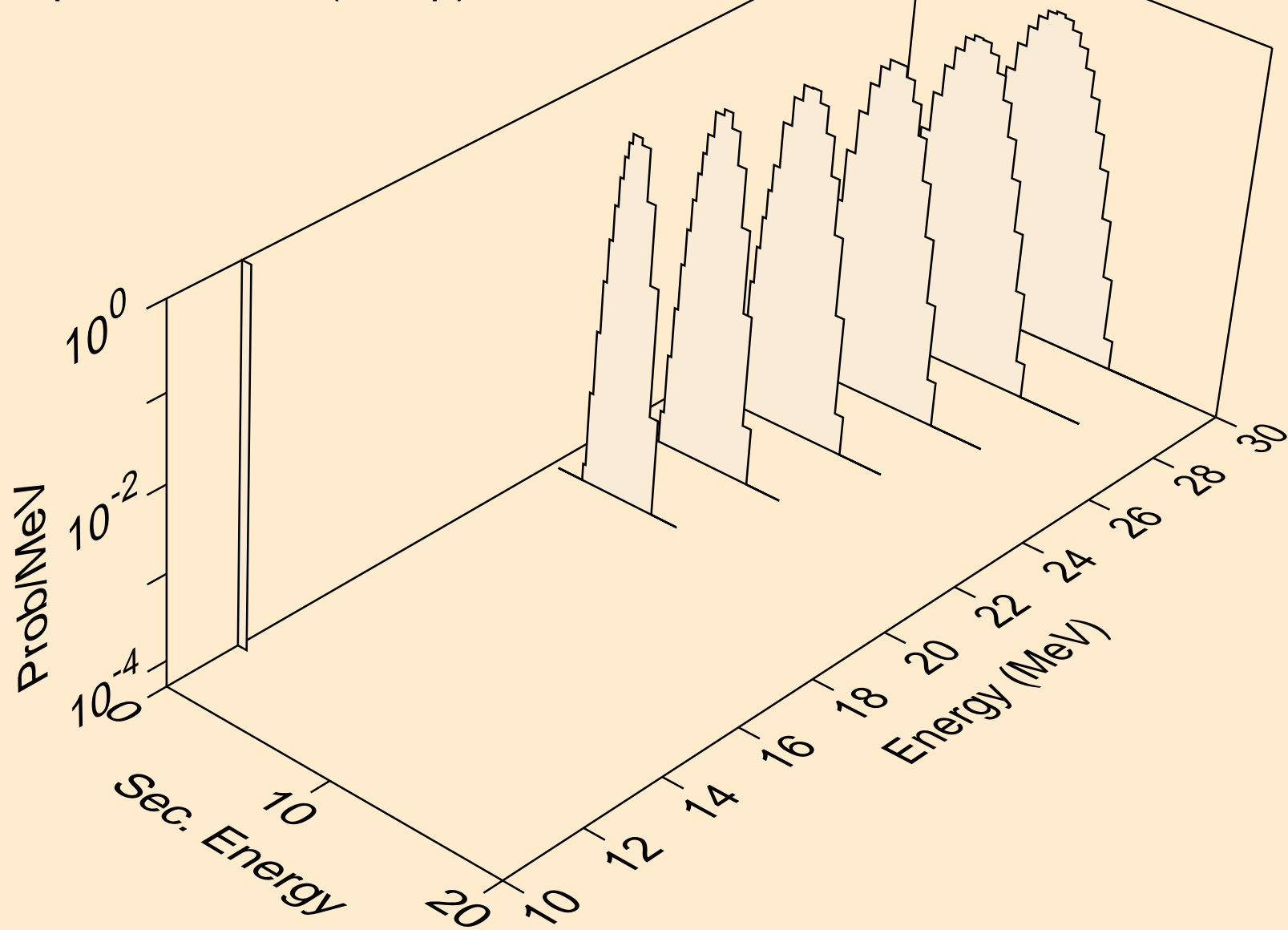


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

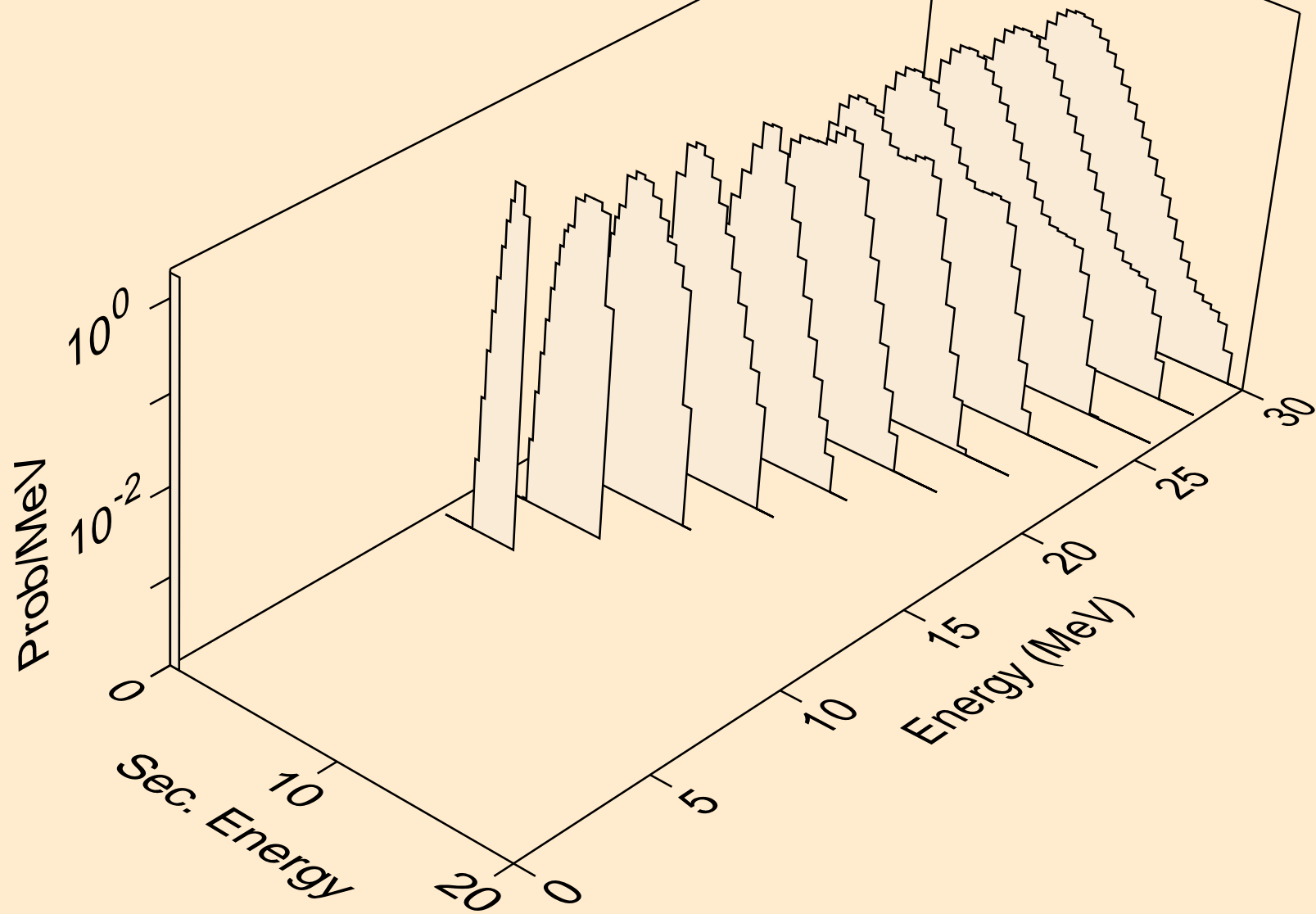




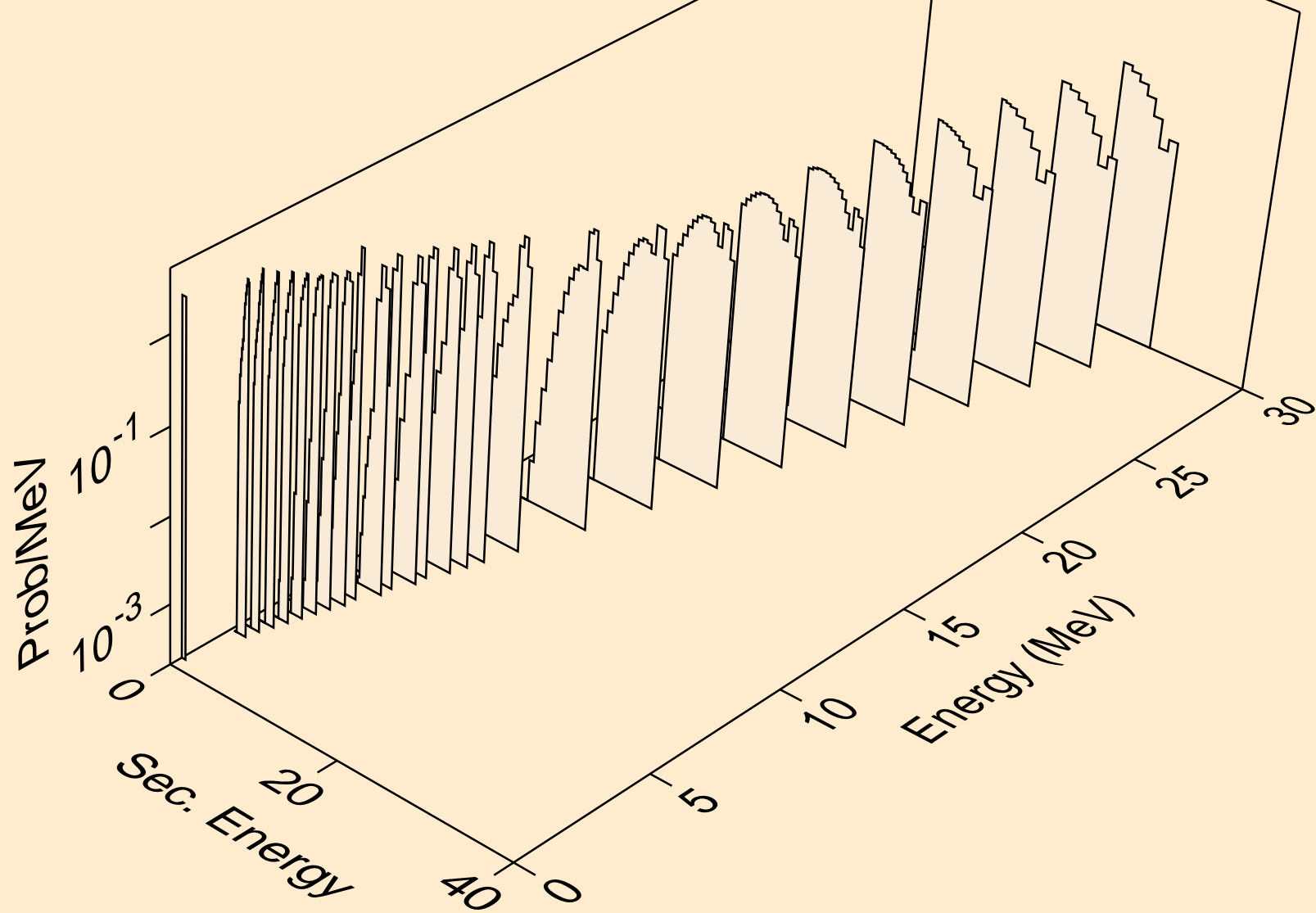
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protons from (n,n2p)



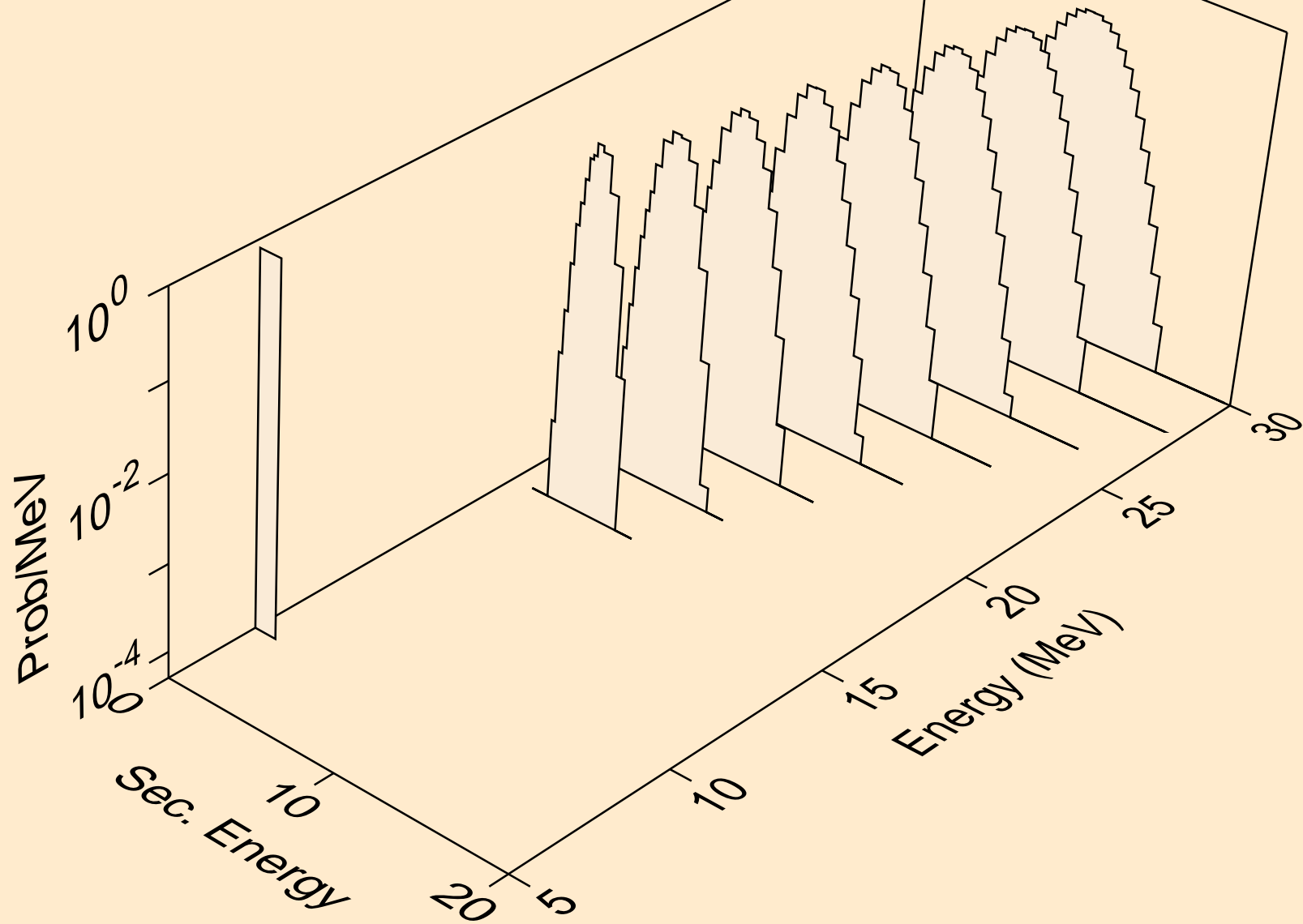
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protons from (n,npa)



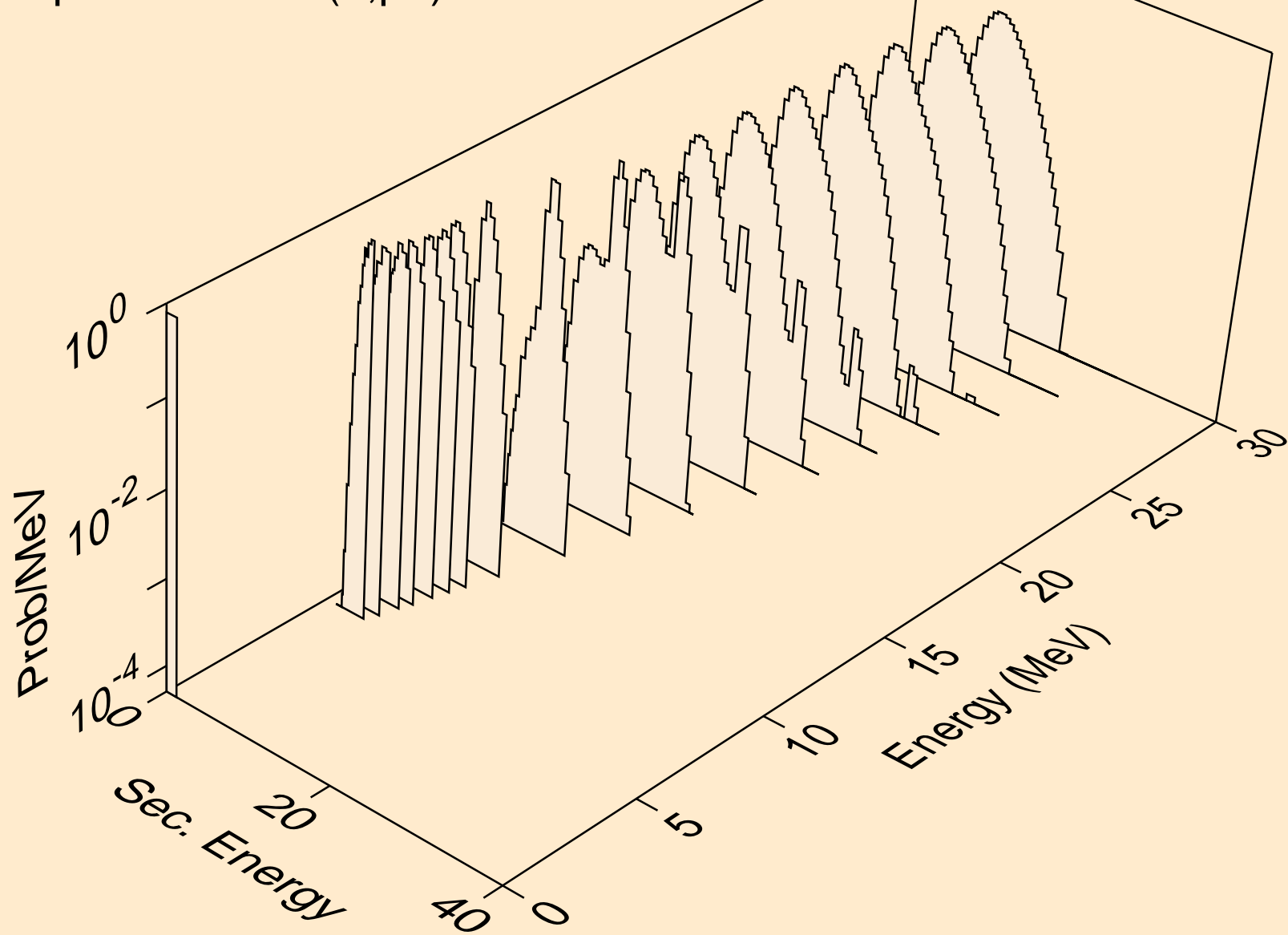
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protons from (n,p)



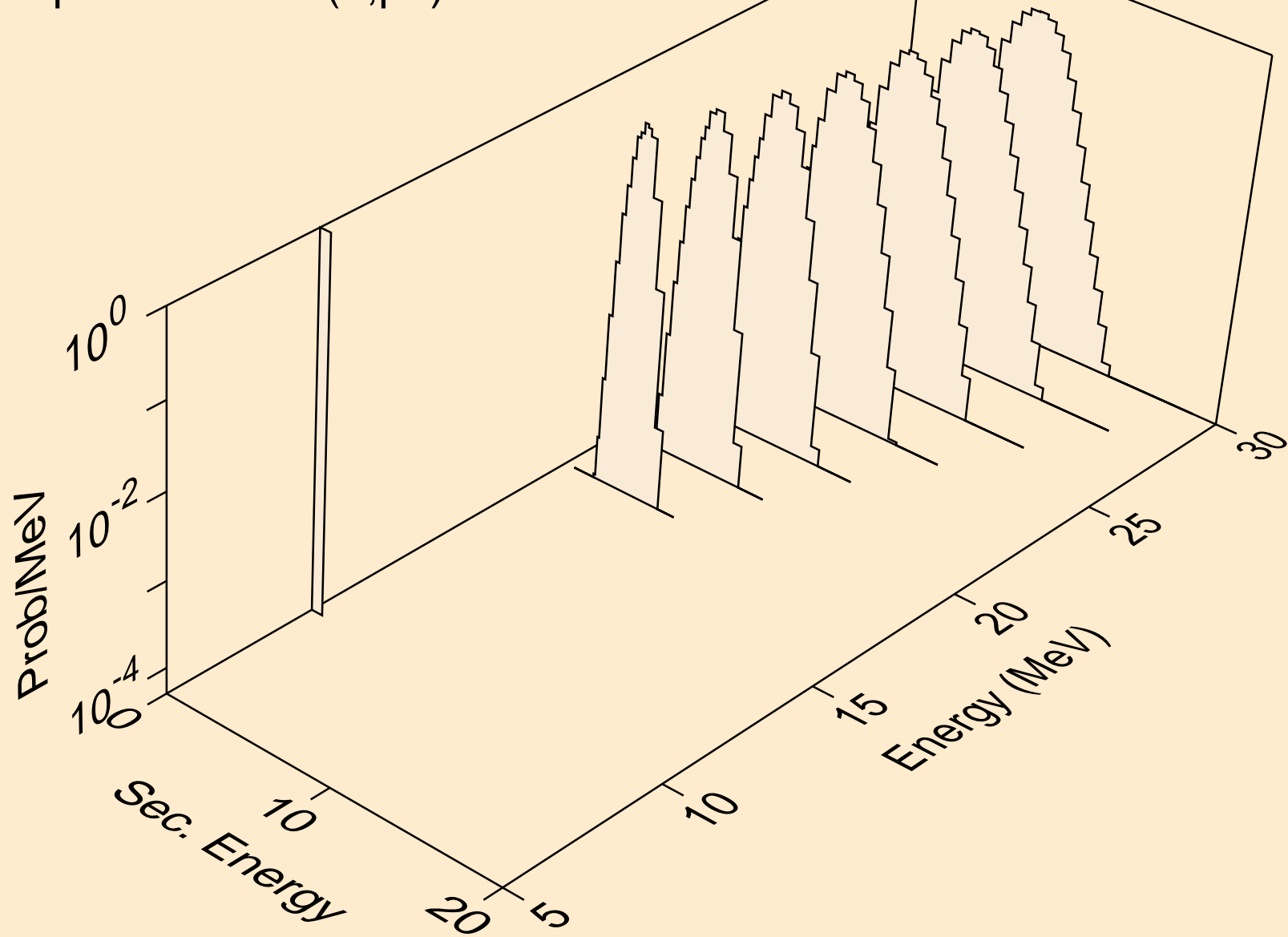
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protons from (n,2p)



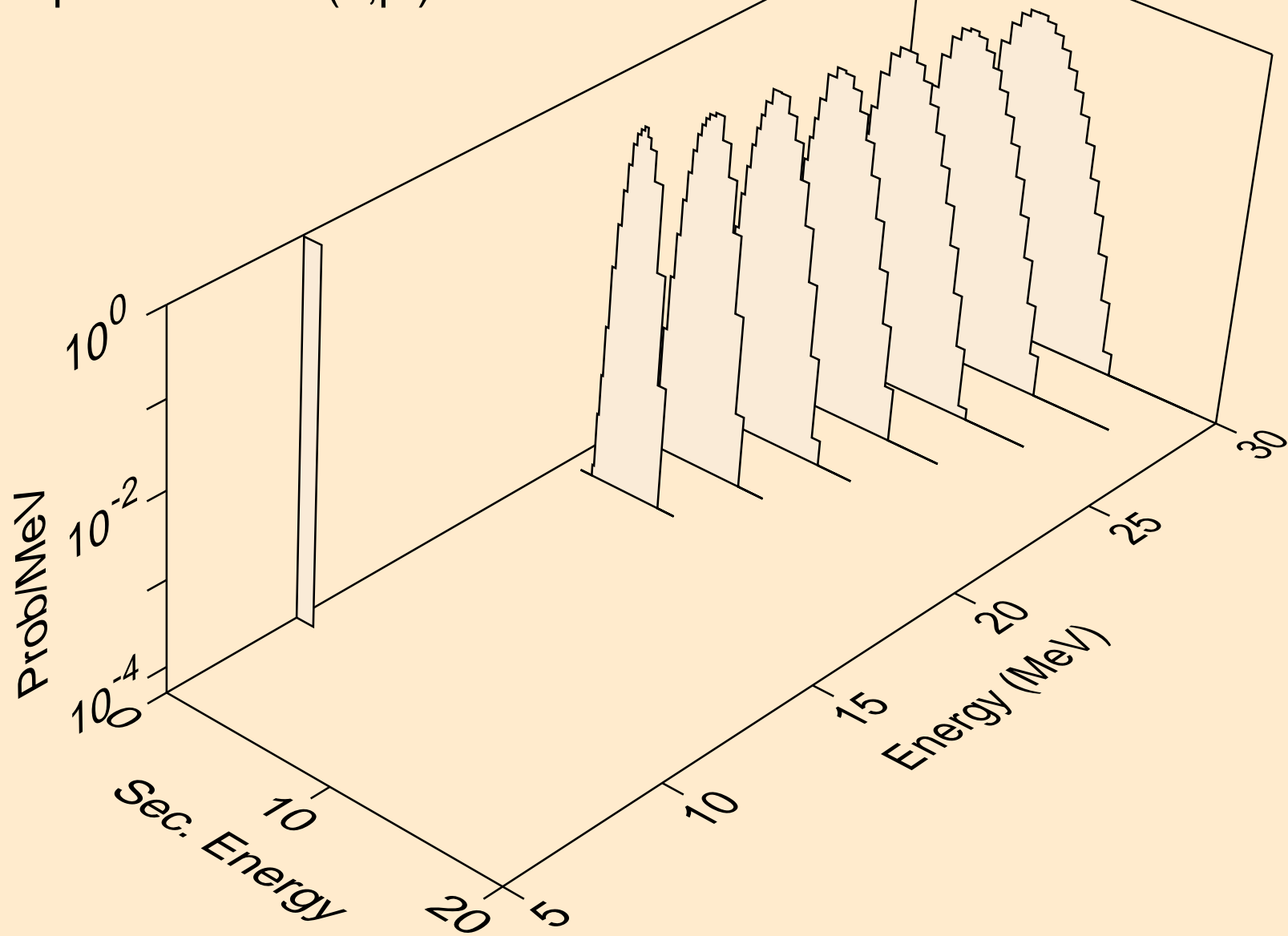
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protons from (n,p)



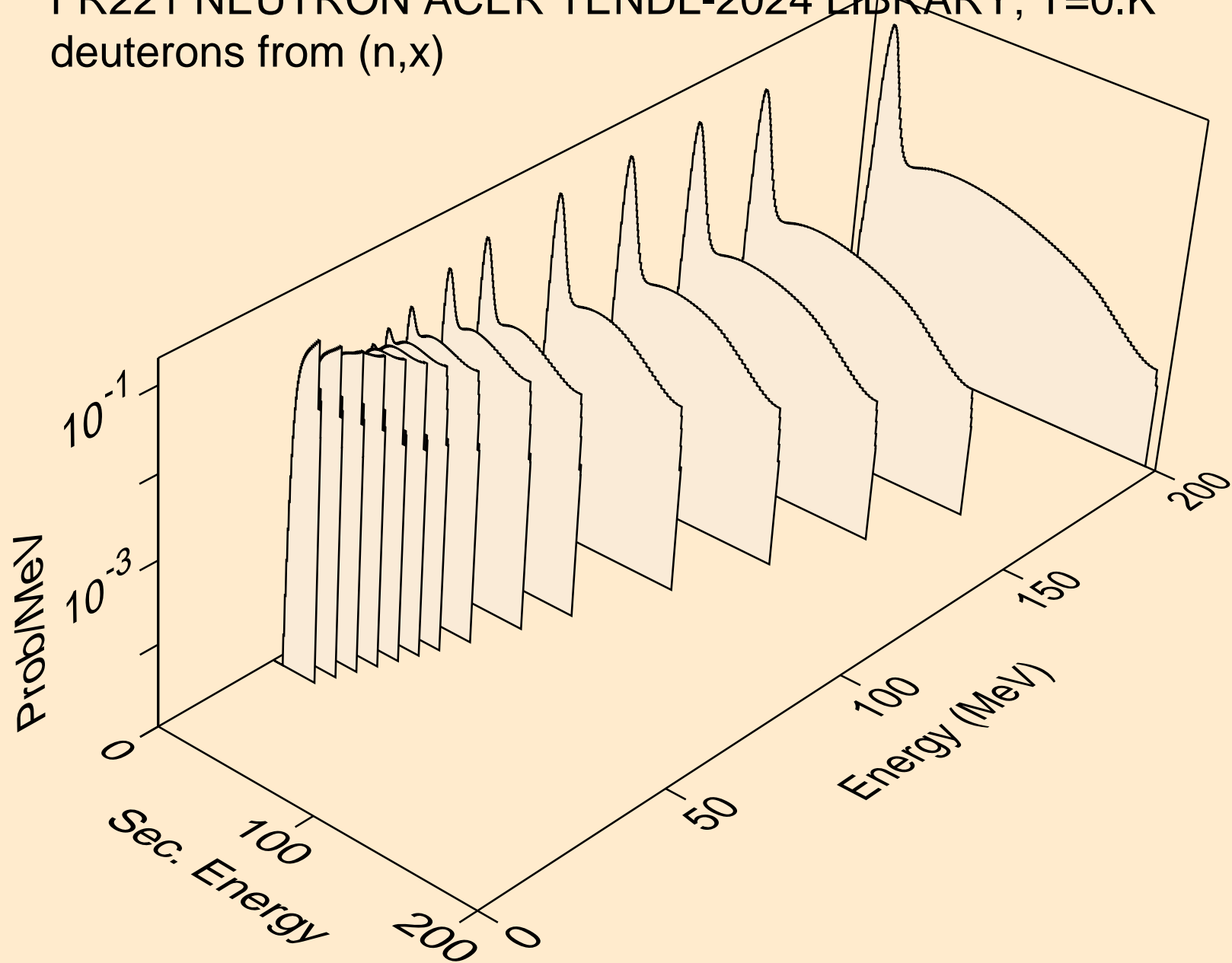
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

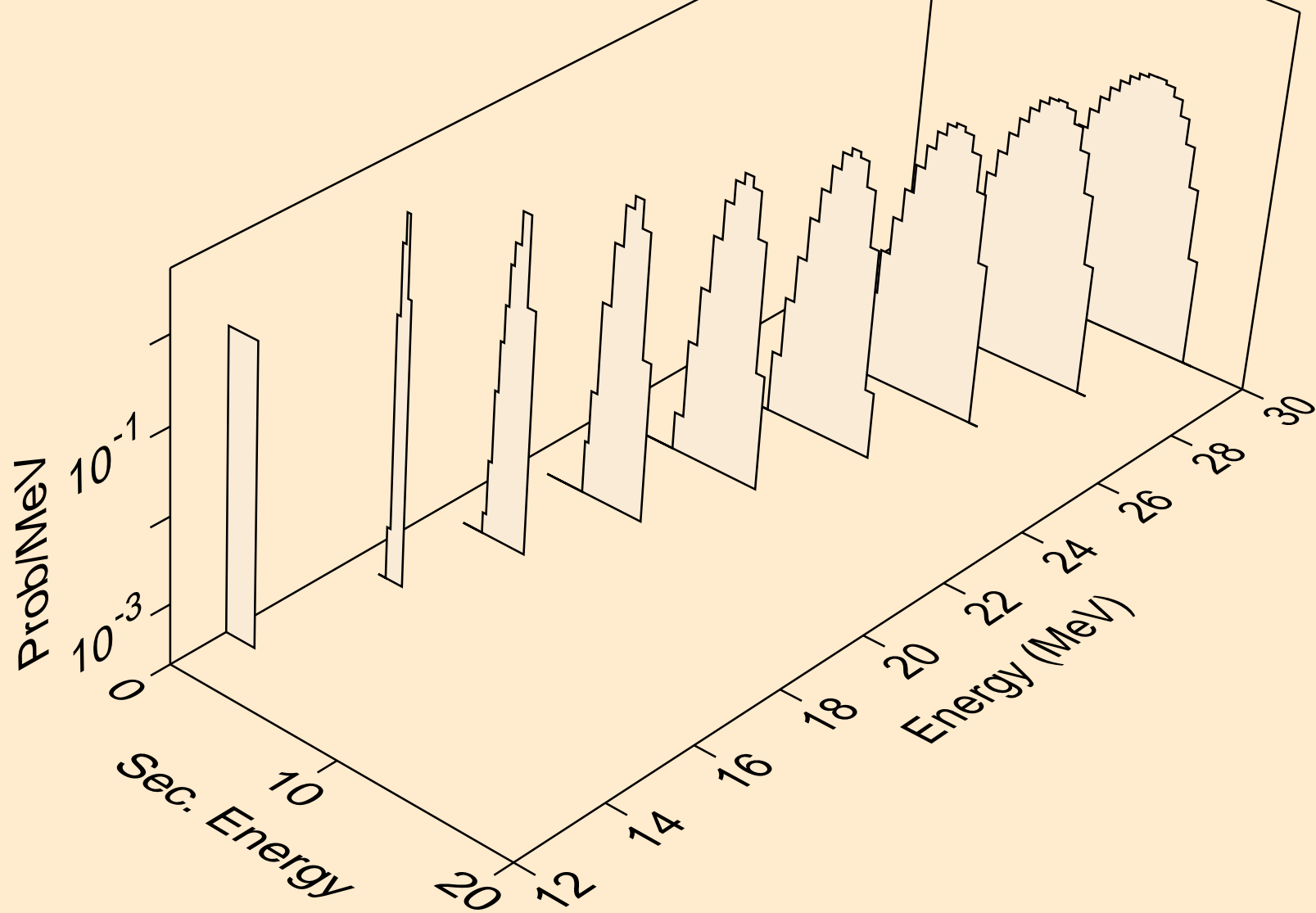


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

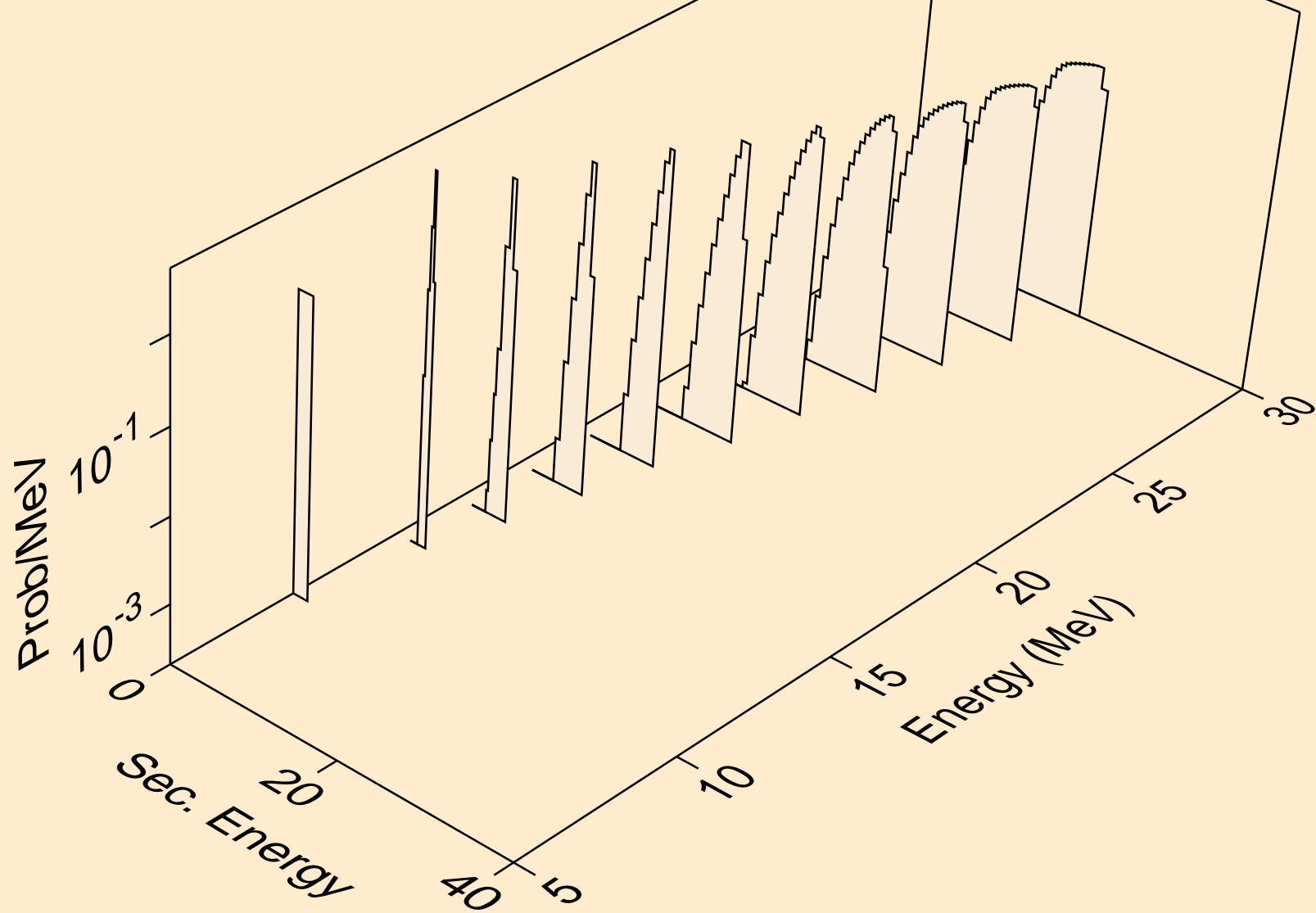




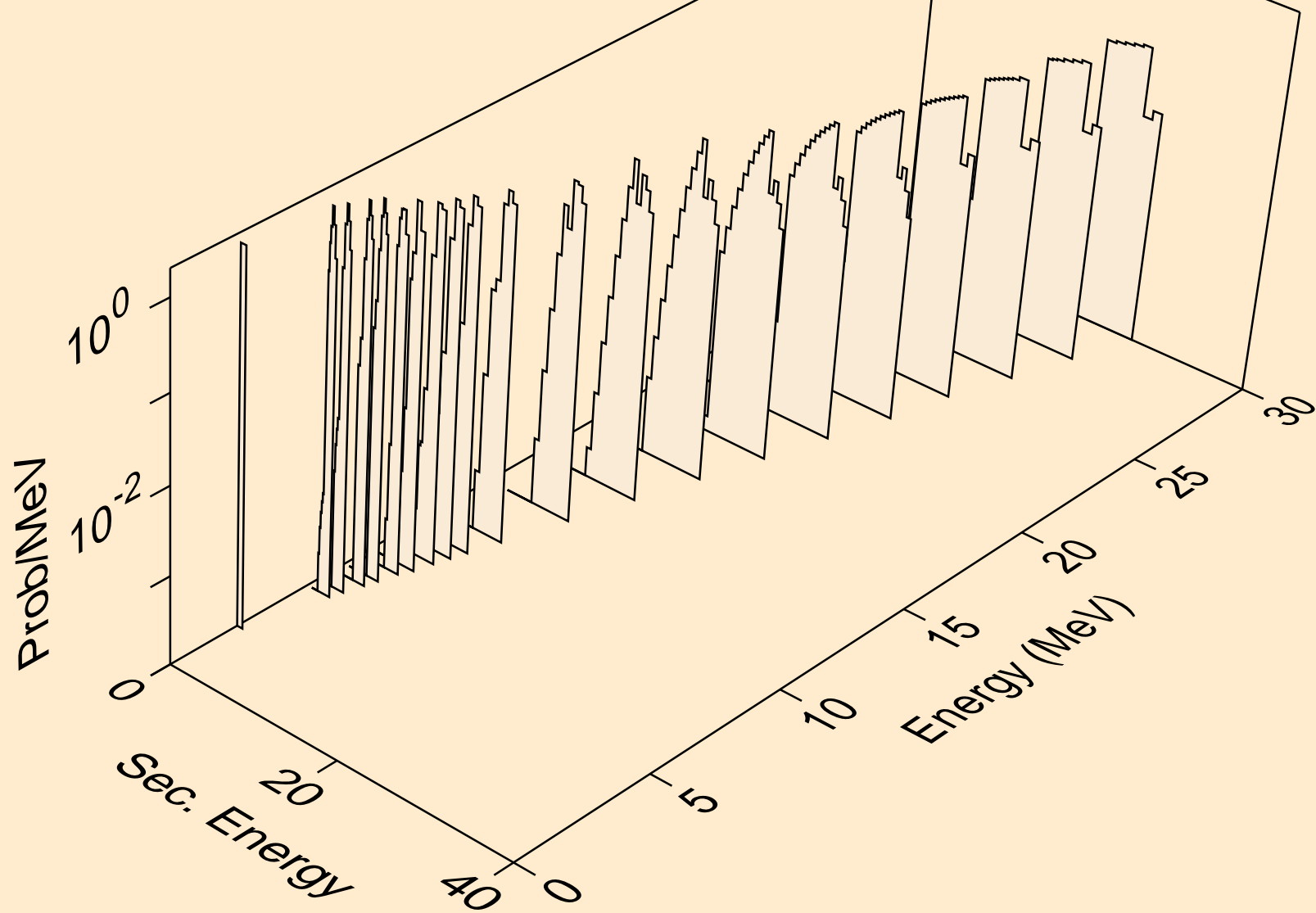
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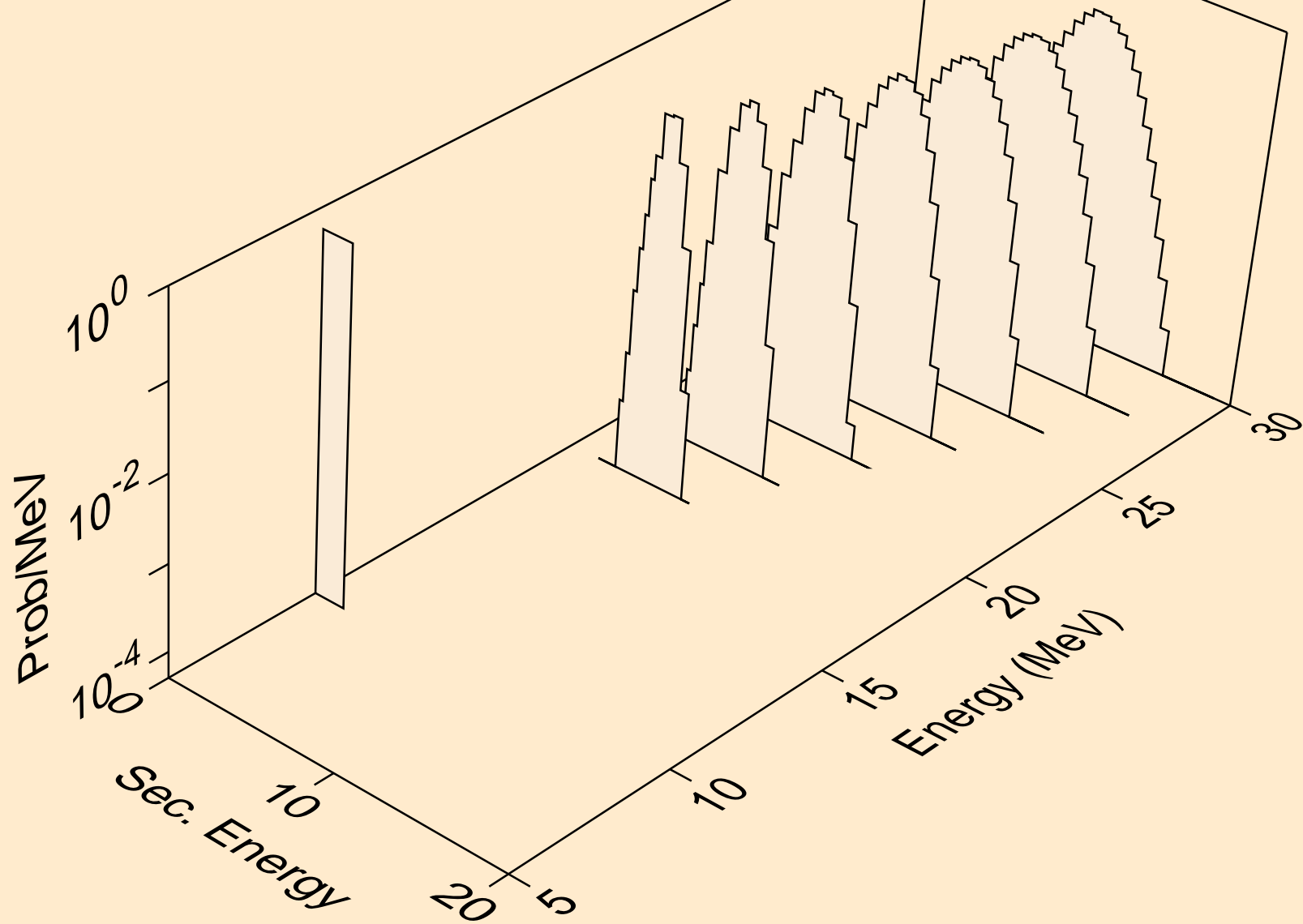
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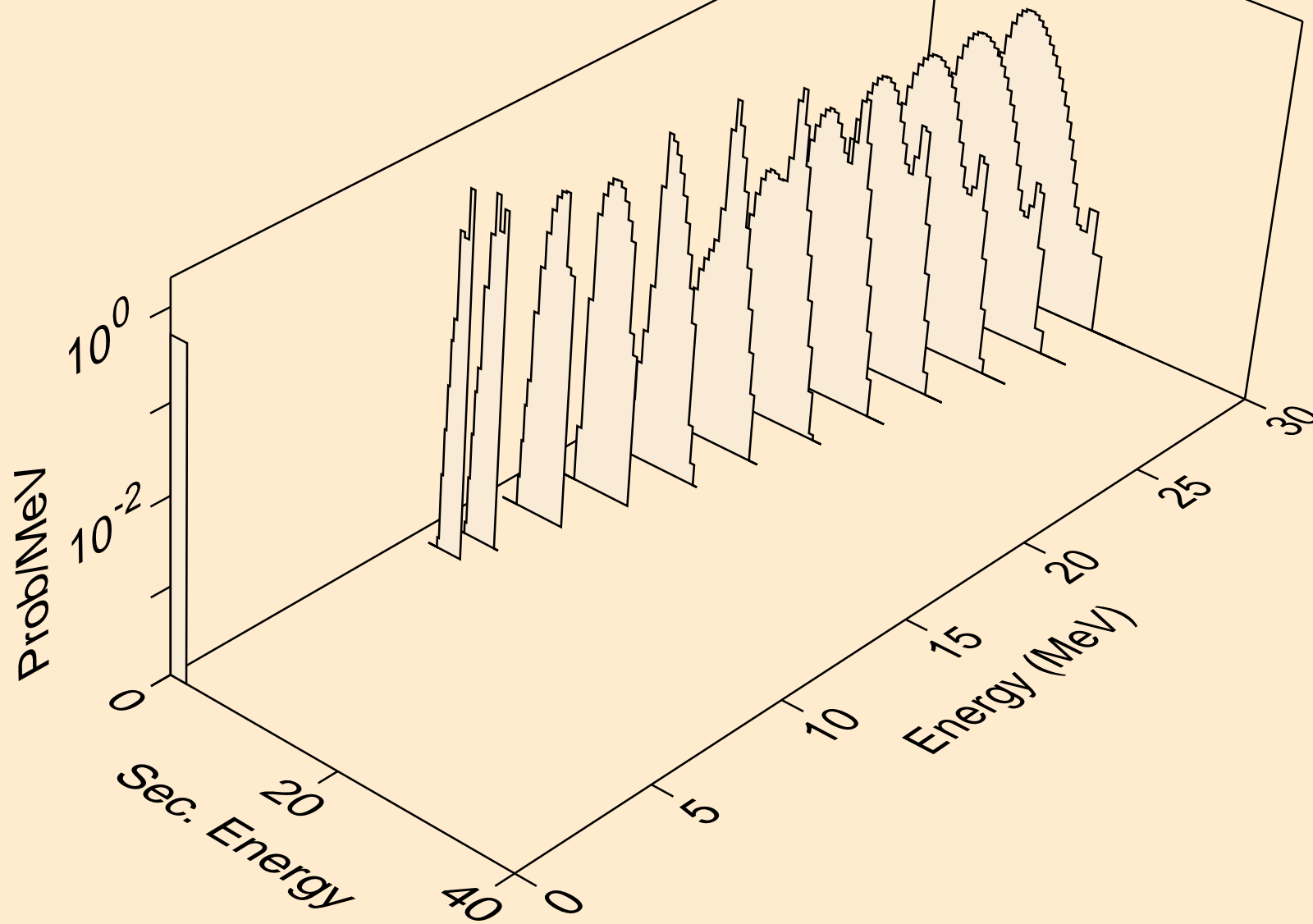
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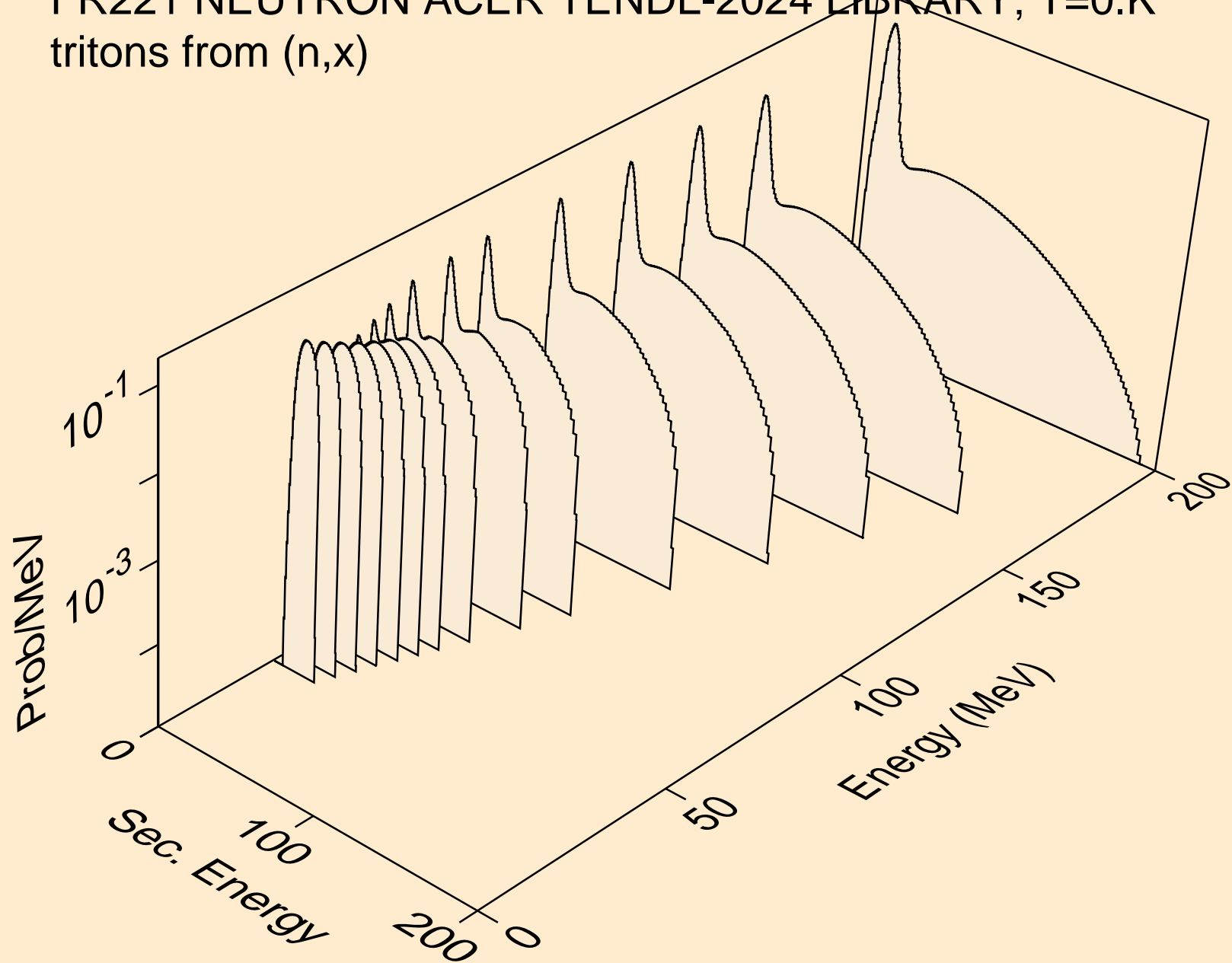
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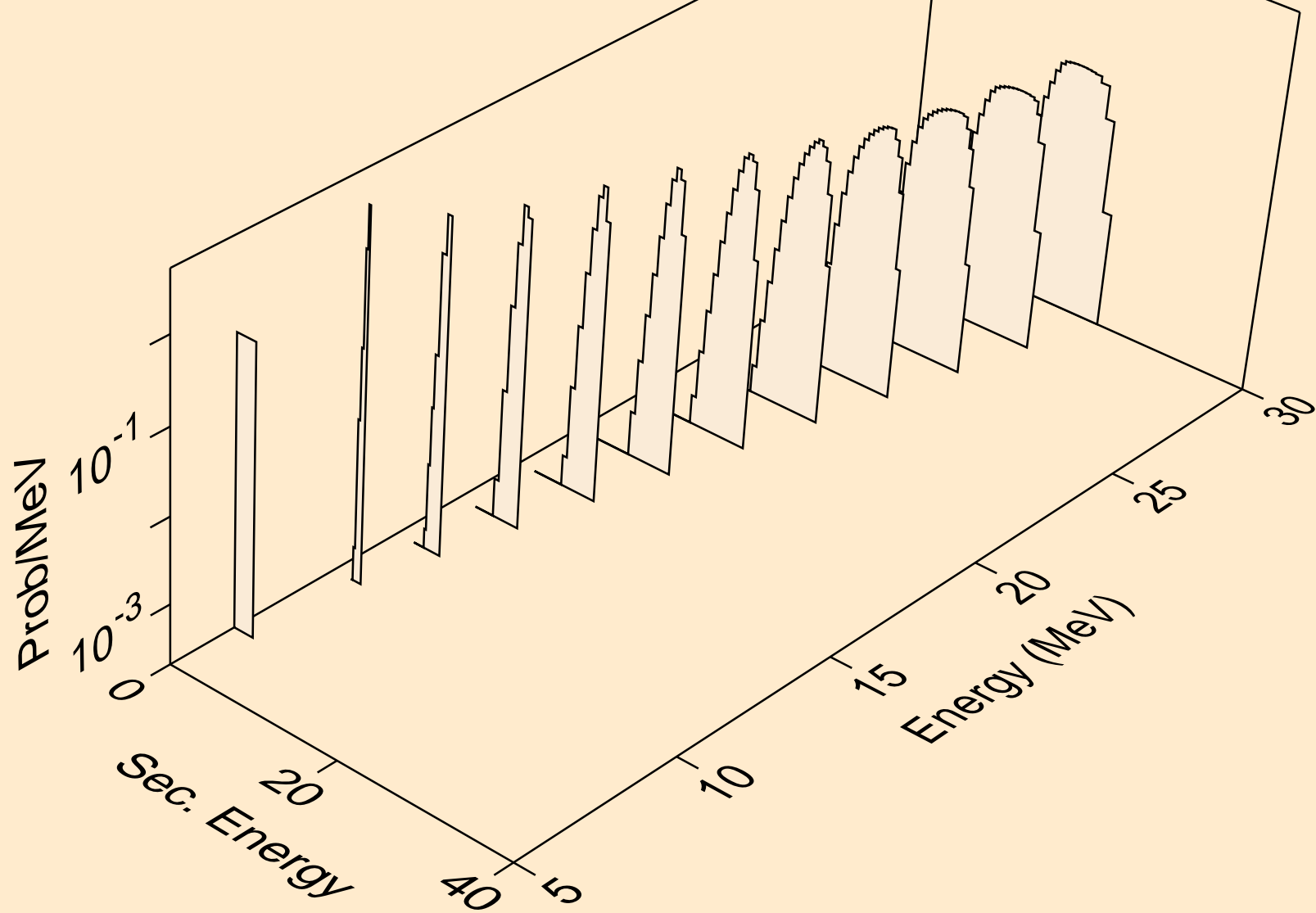
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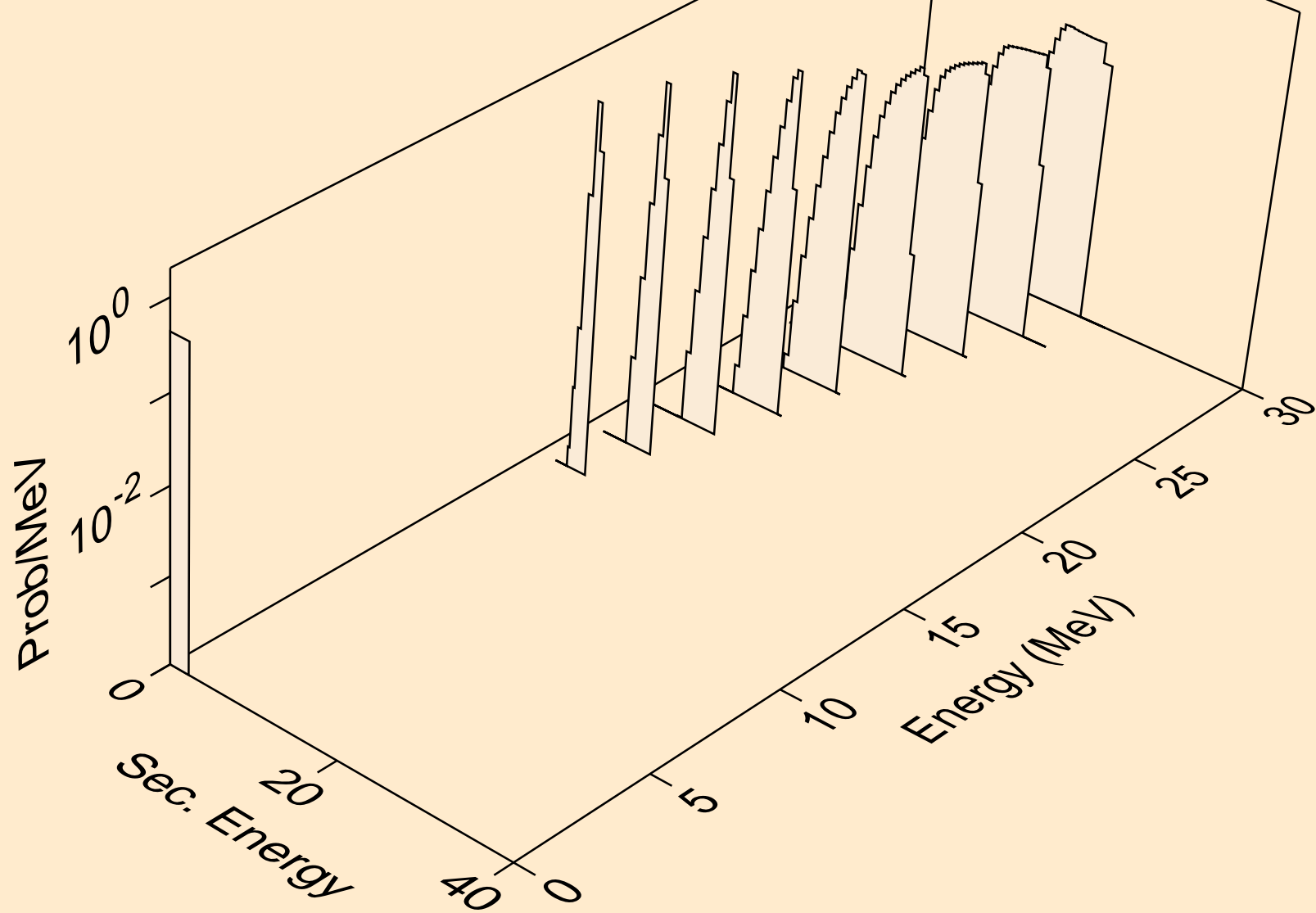
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tritons from (n,x)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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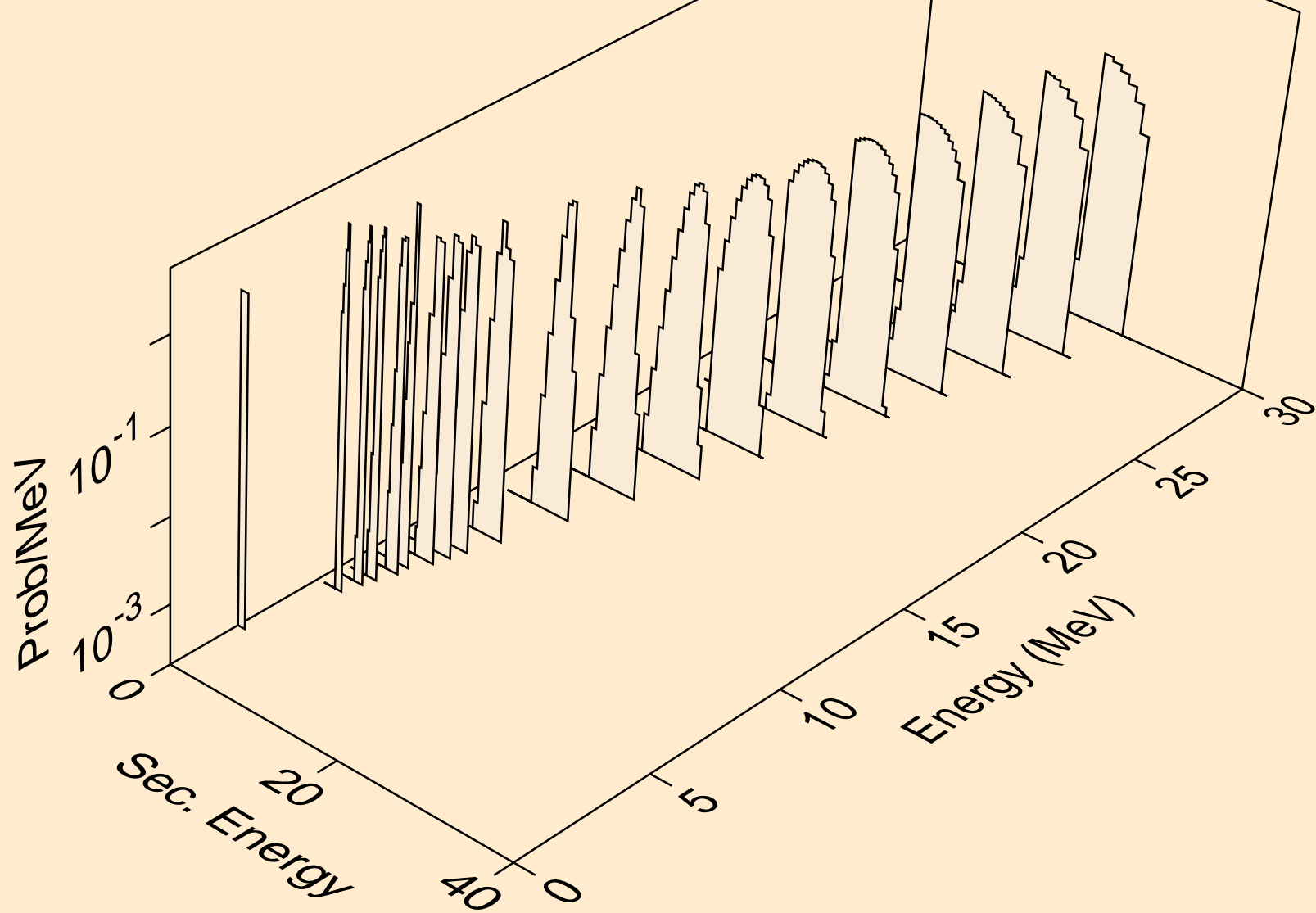


FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
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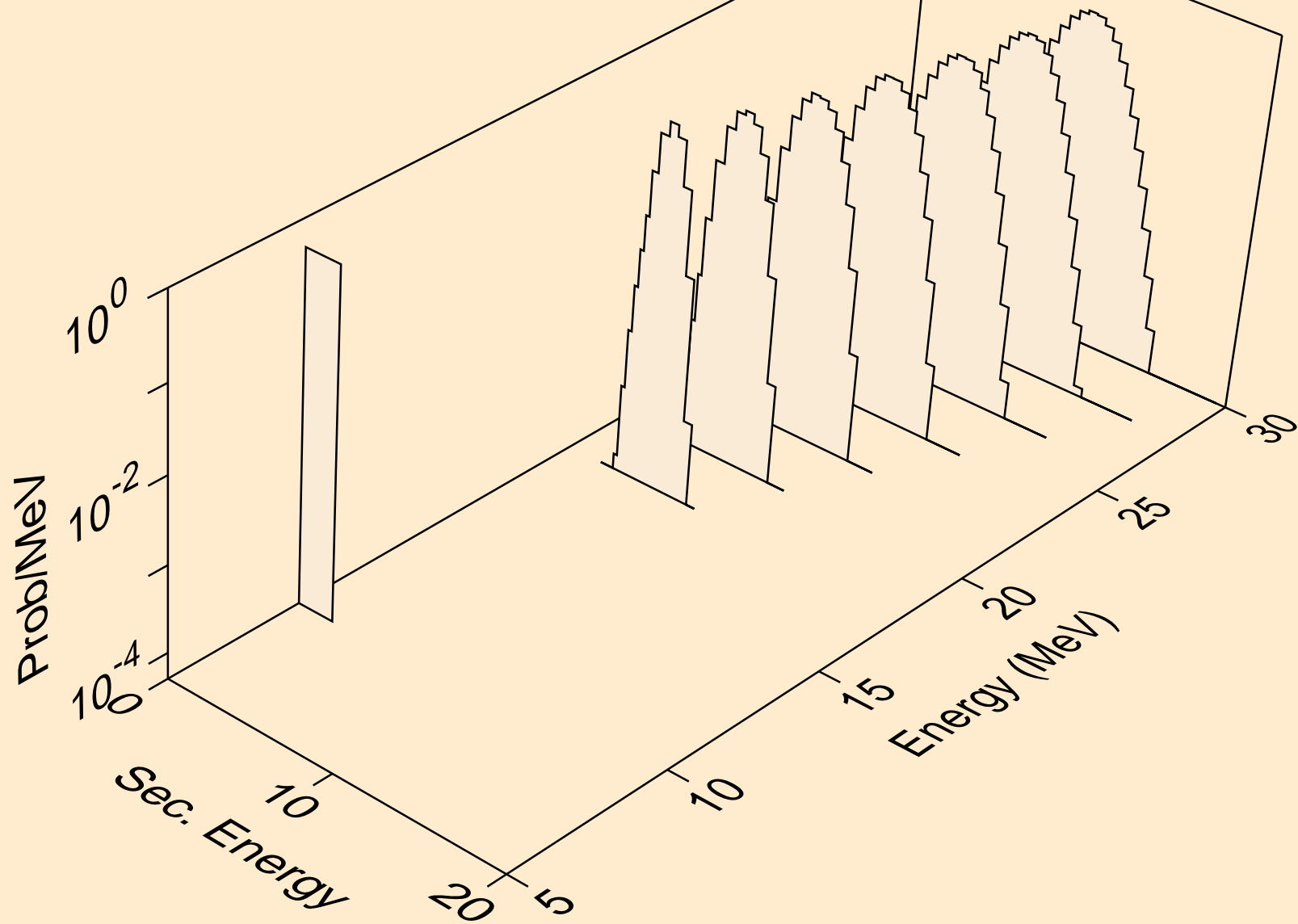




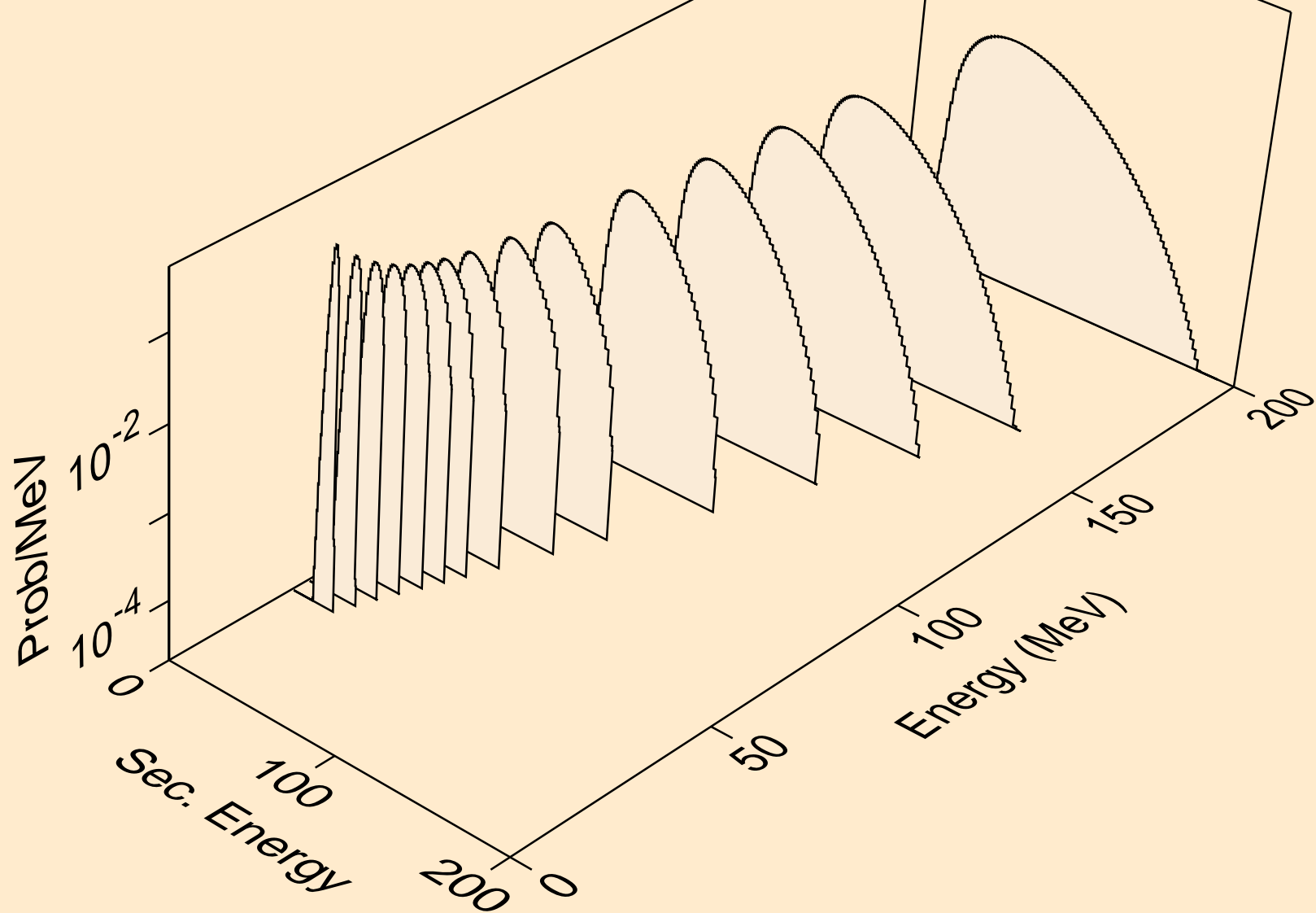
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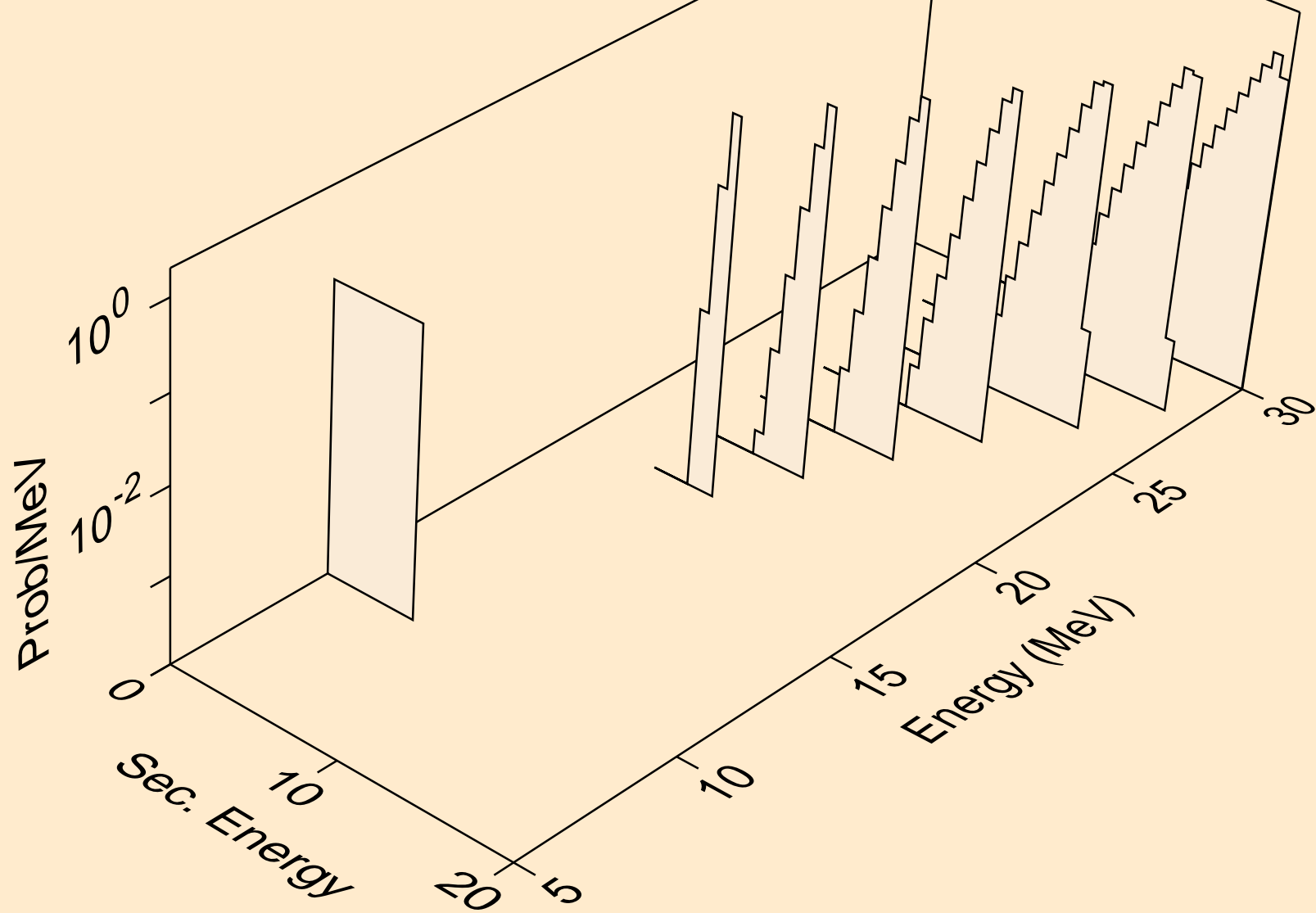
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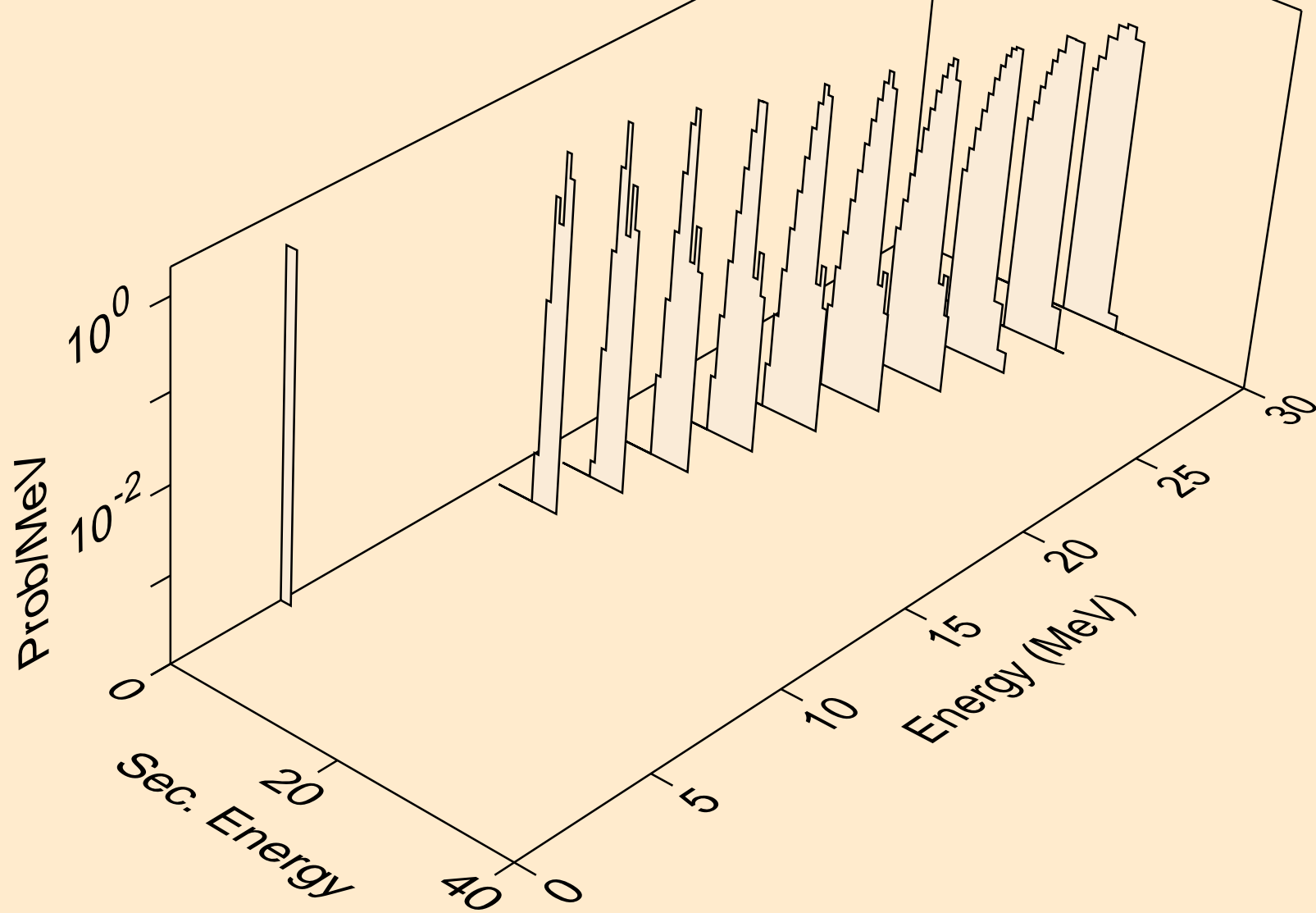
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he3s from (n,x)



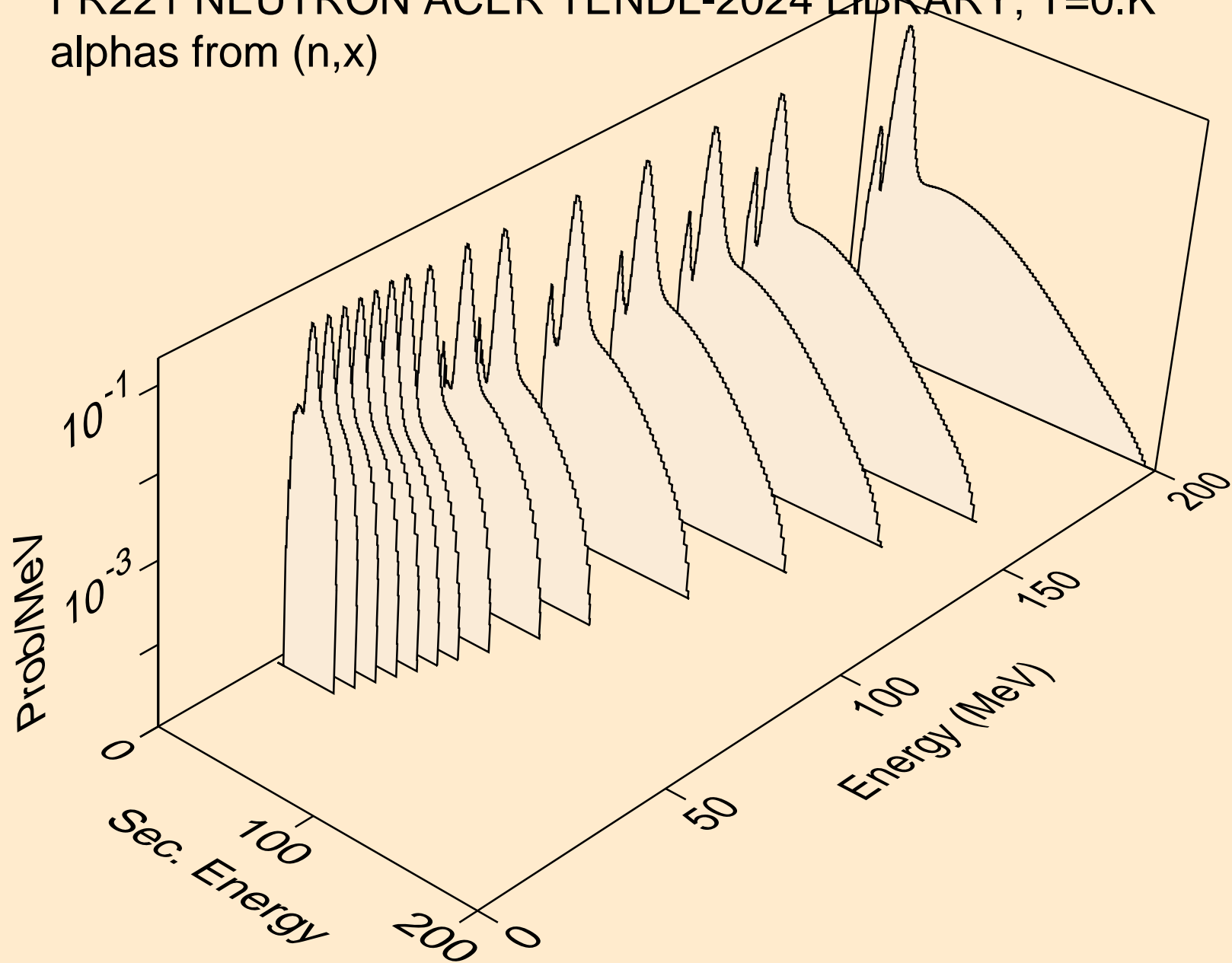
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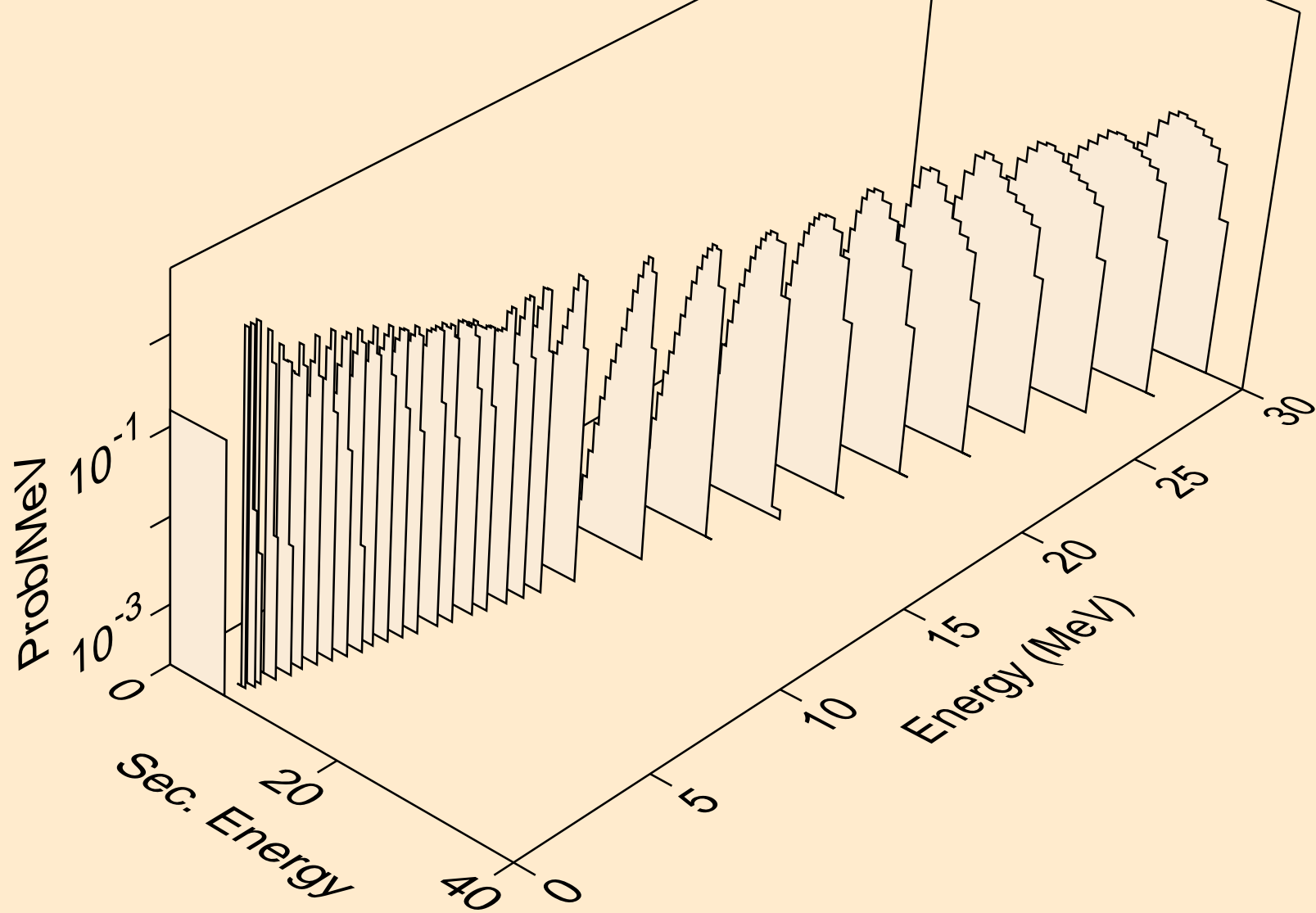
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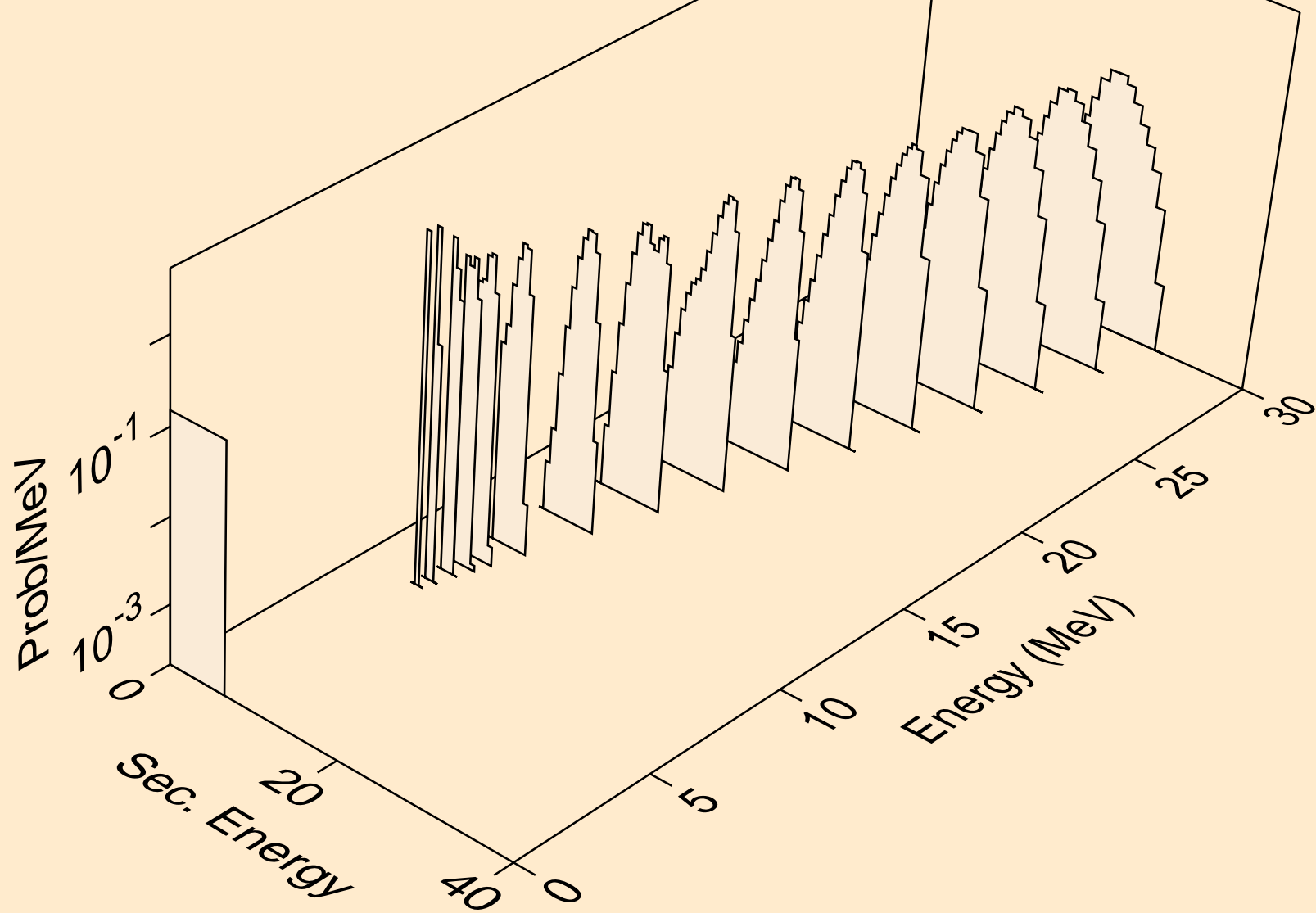
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alphas from (n,x)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

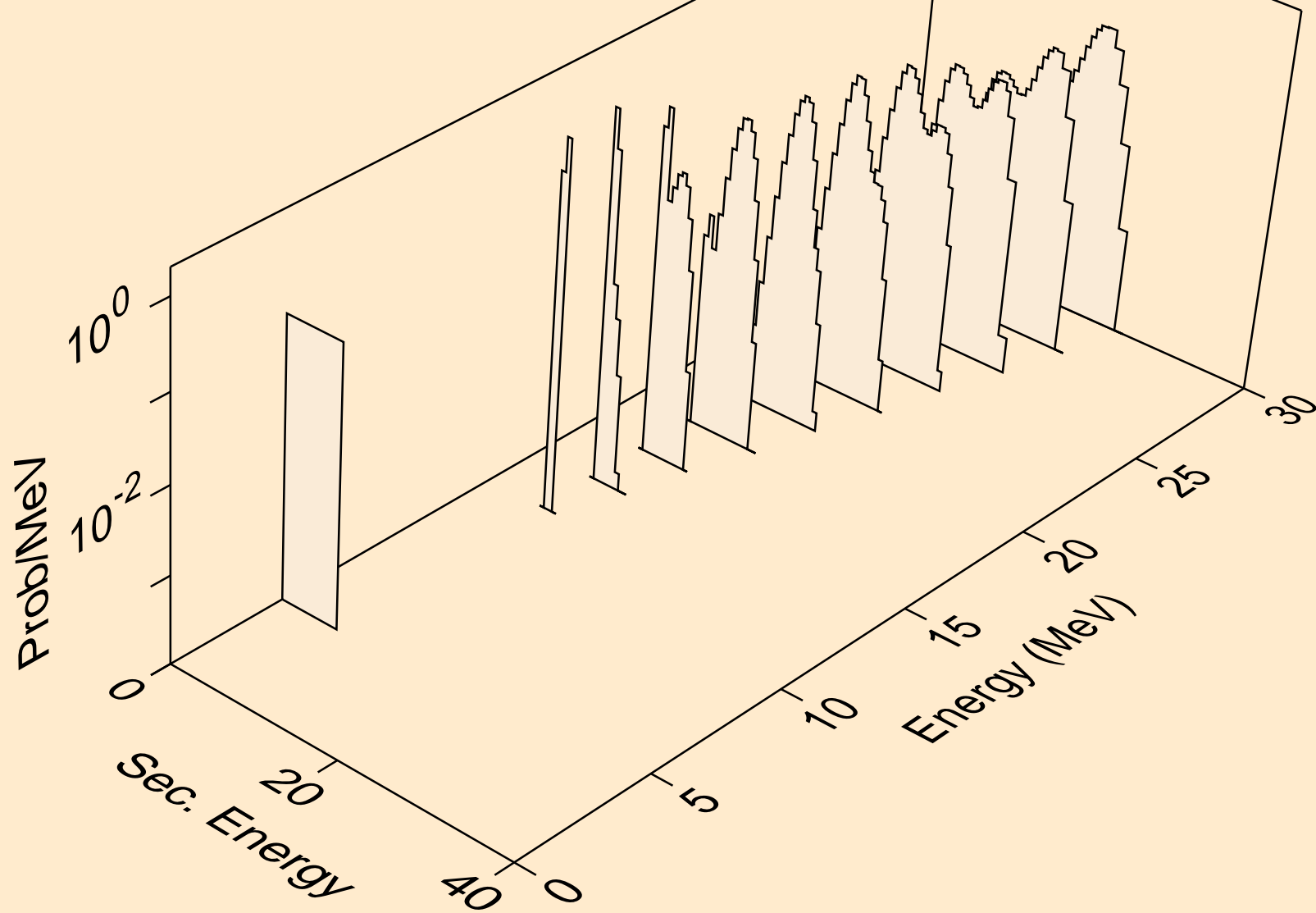


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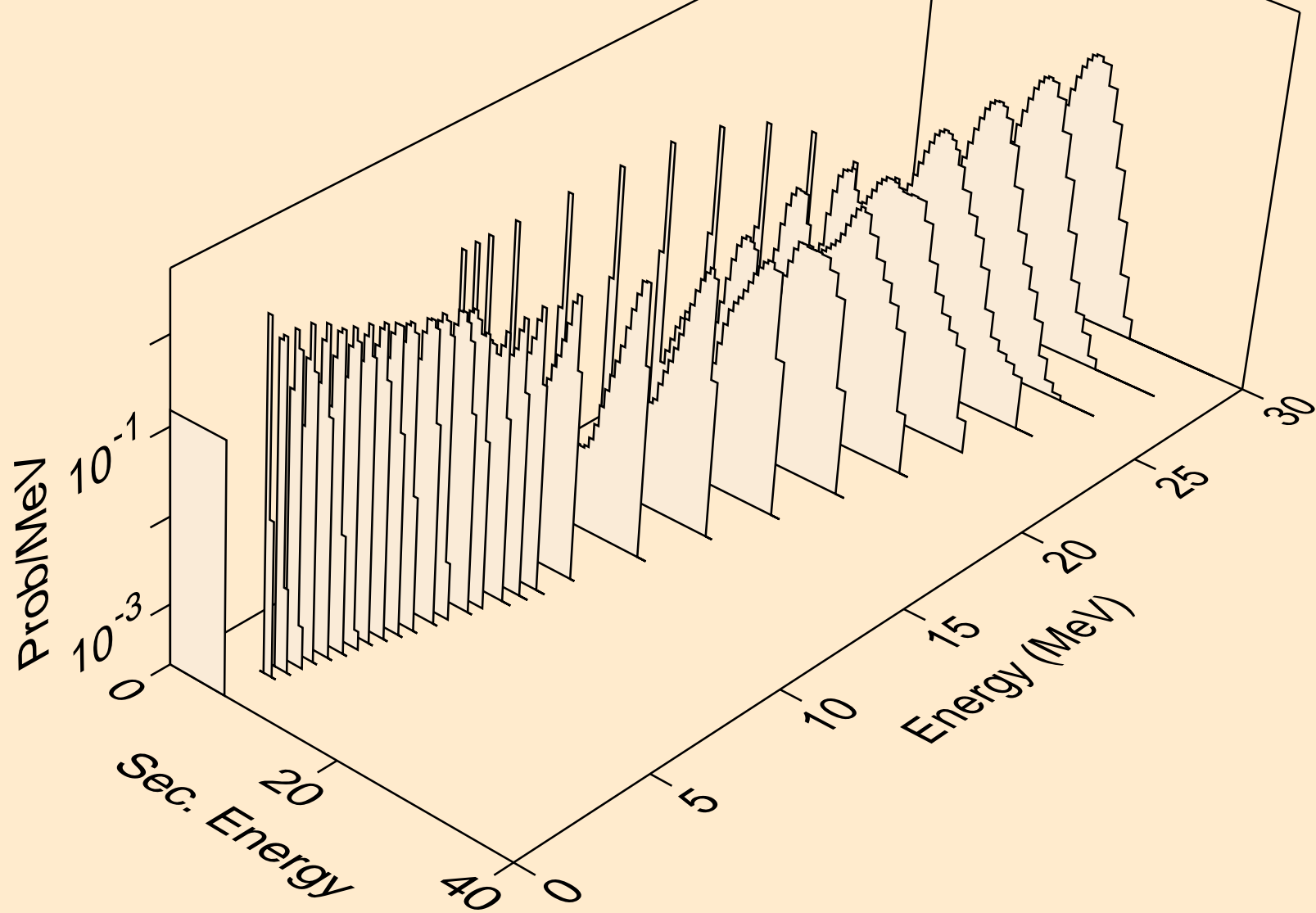




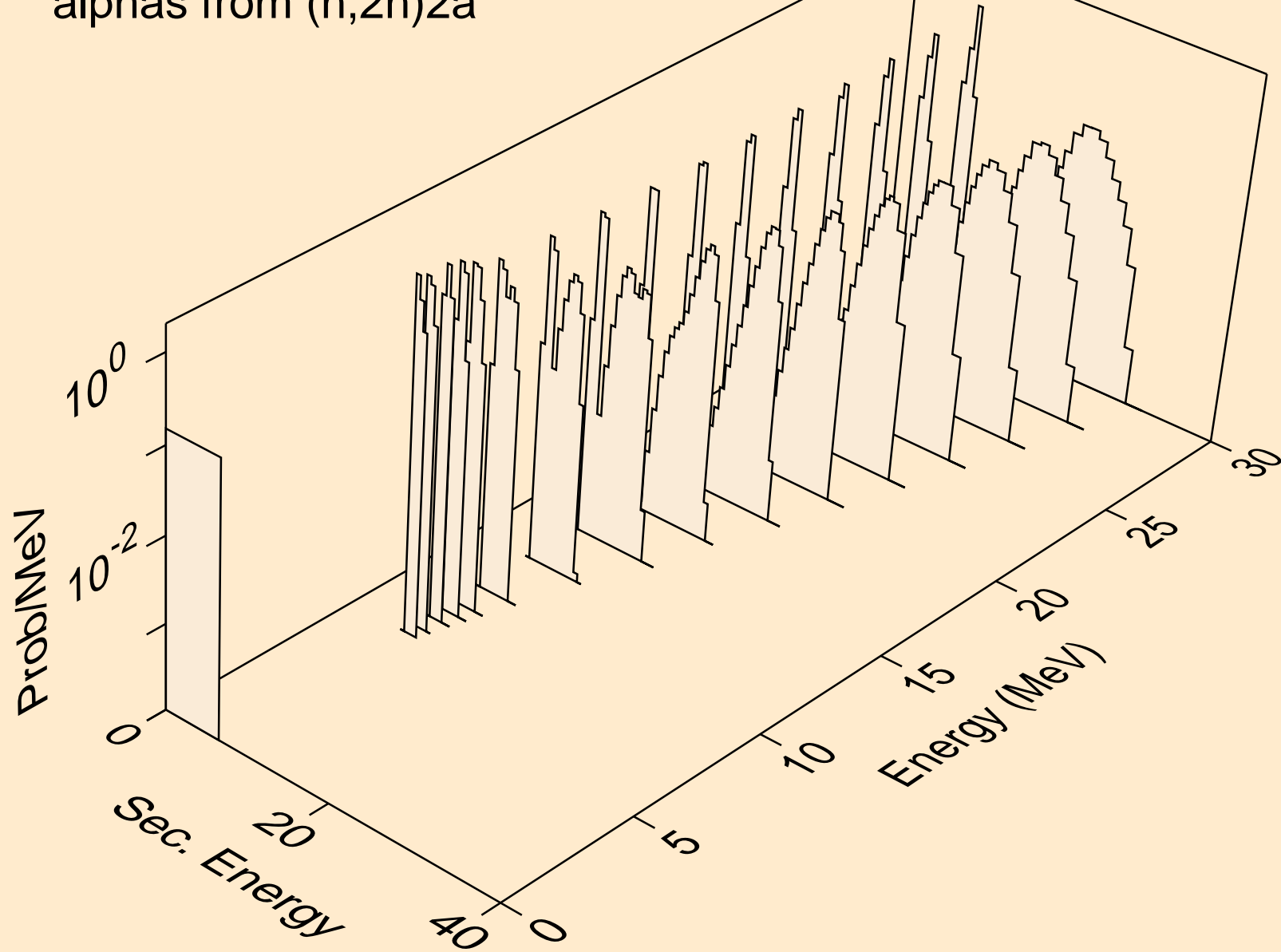
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alphas from (n,3n)a



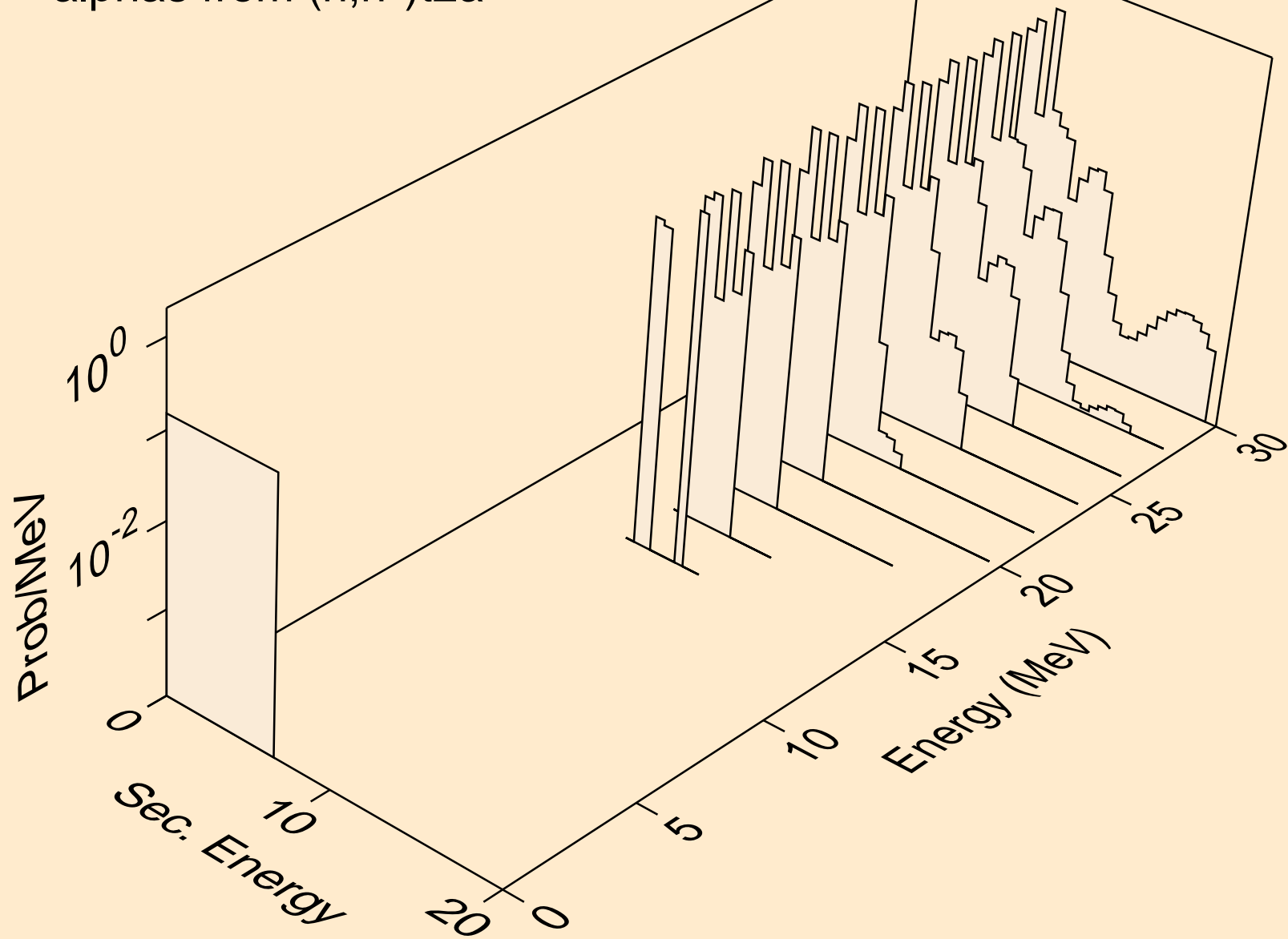
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alphas from (n,n\*)2a



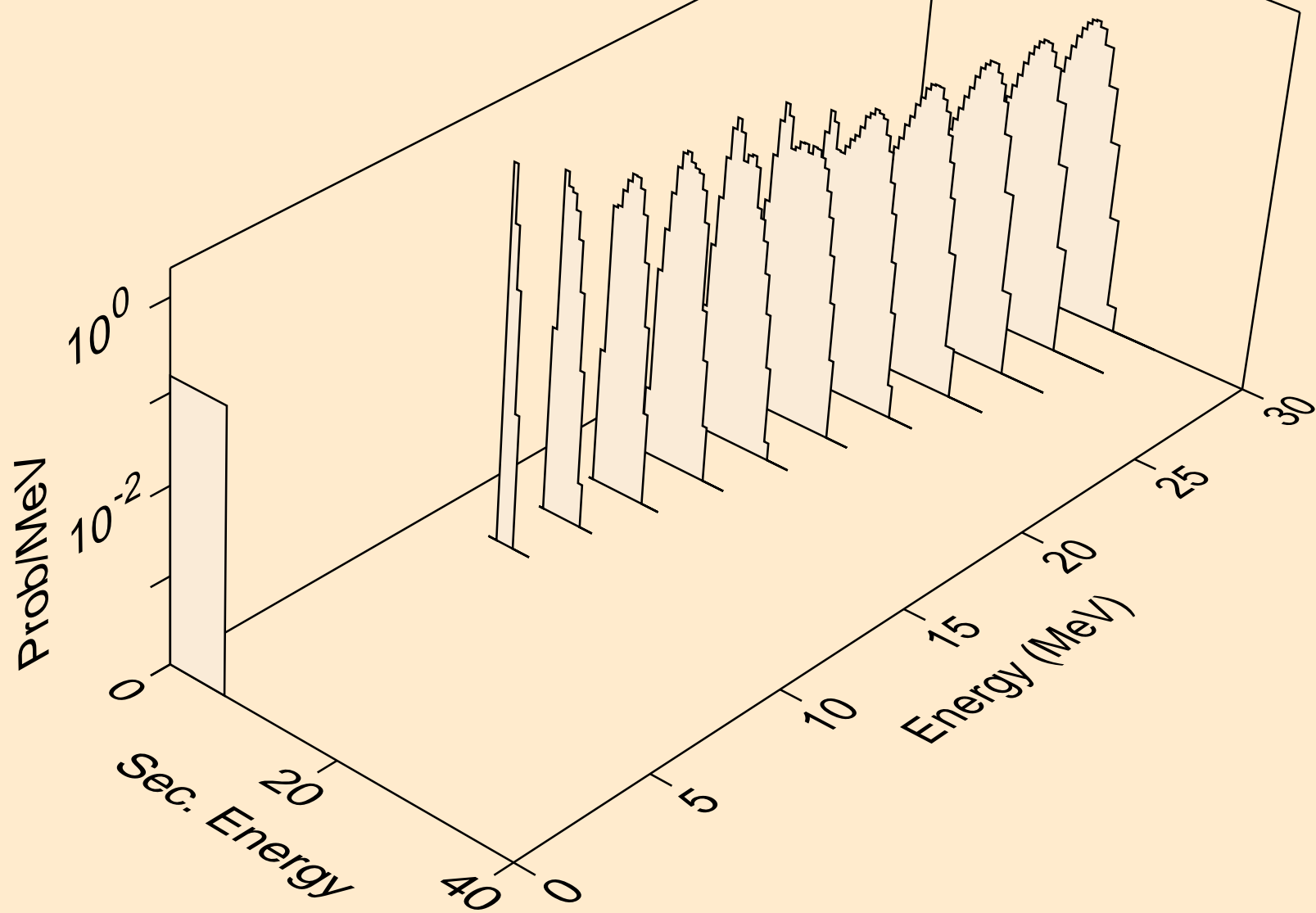
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



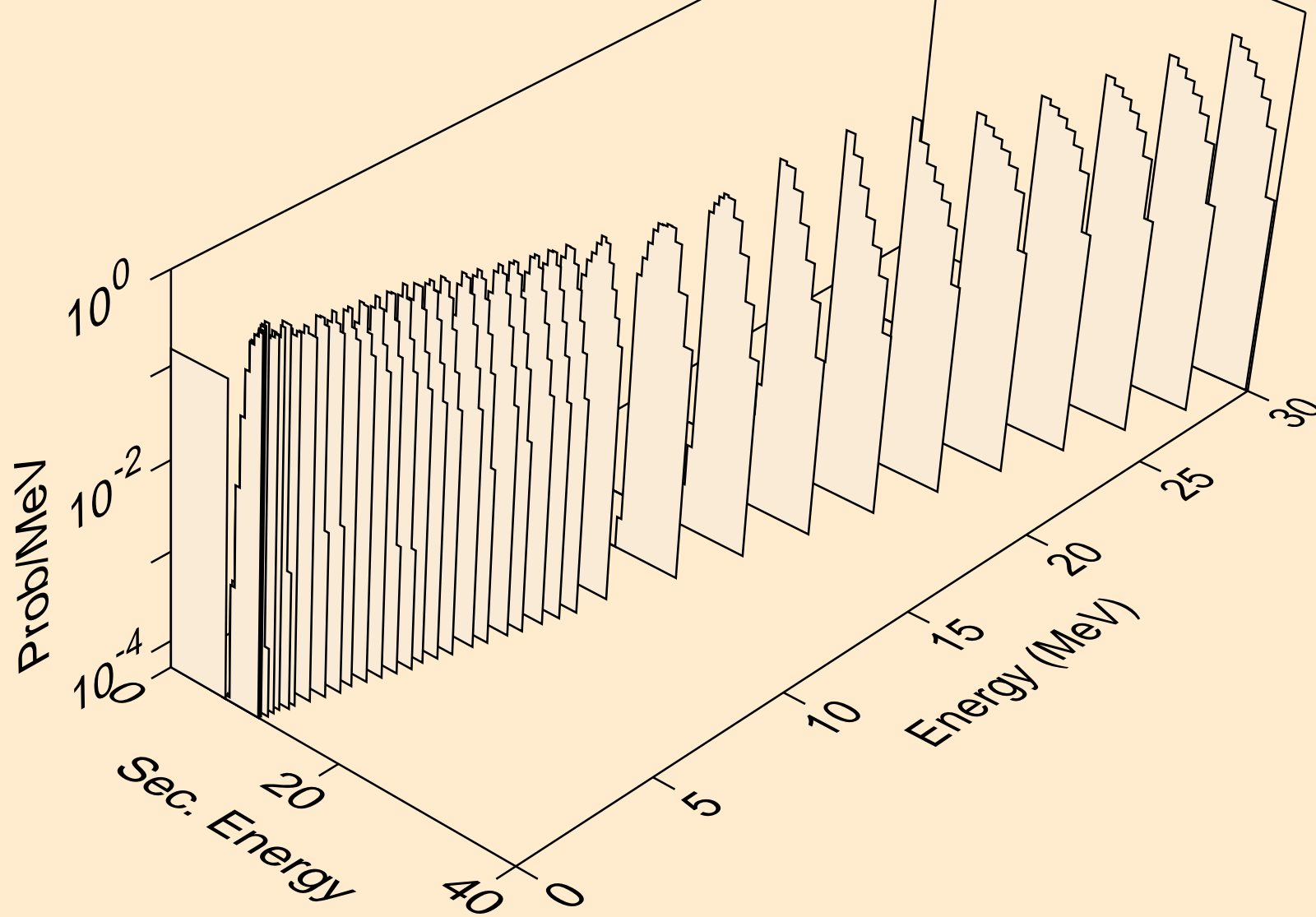
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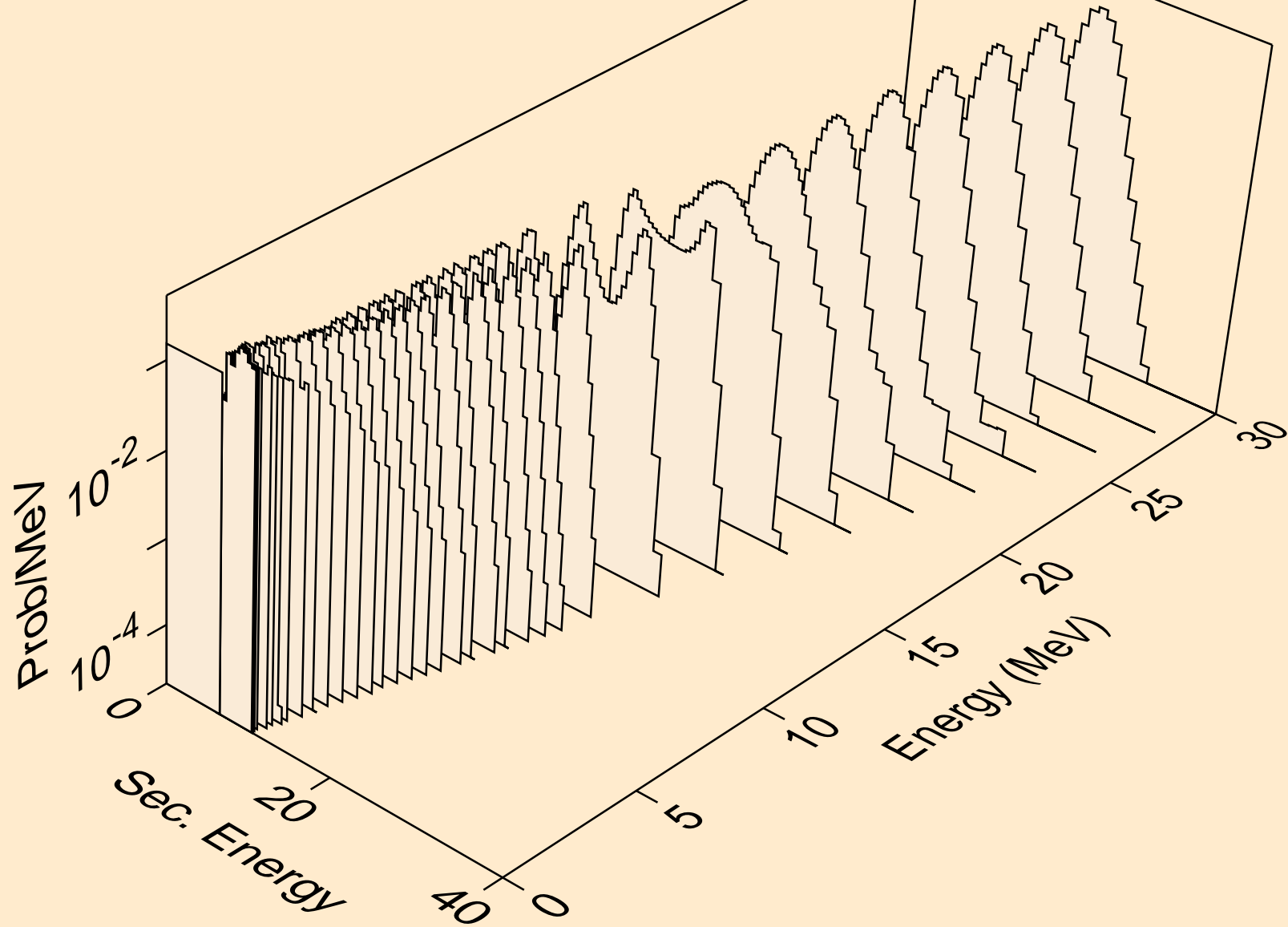
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alphas from (n,npa)



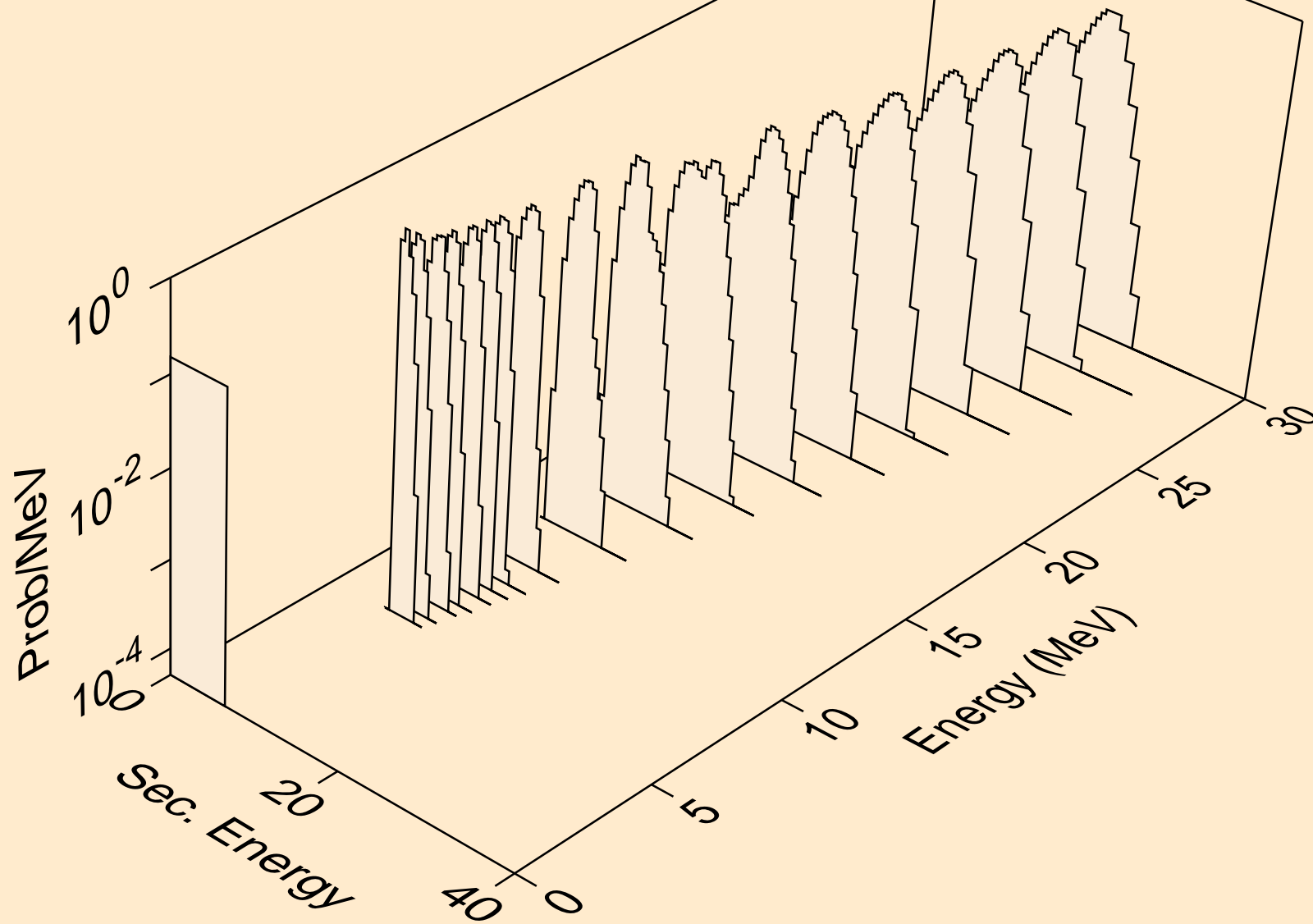
FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





FR221 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

