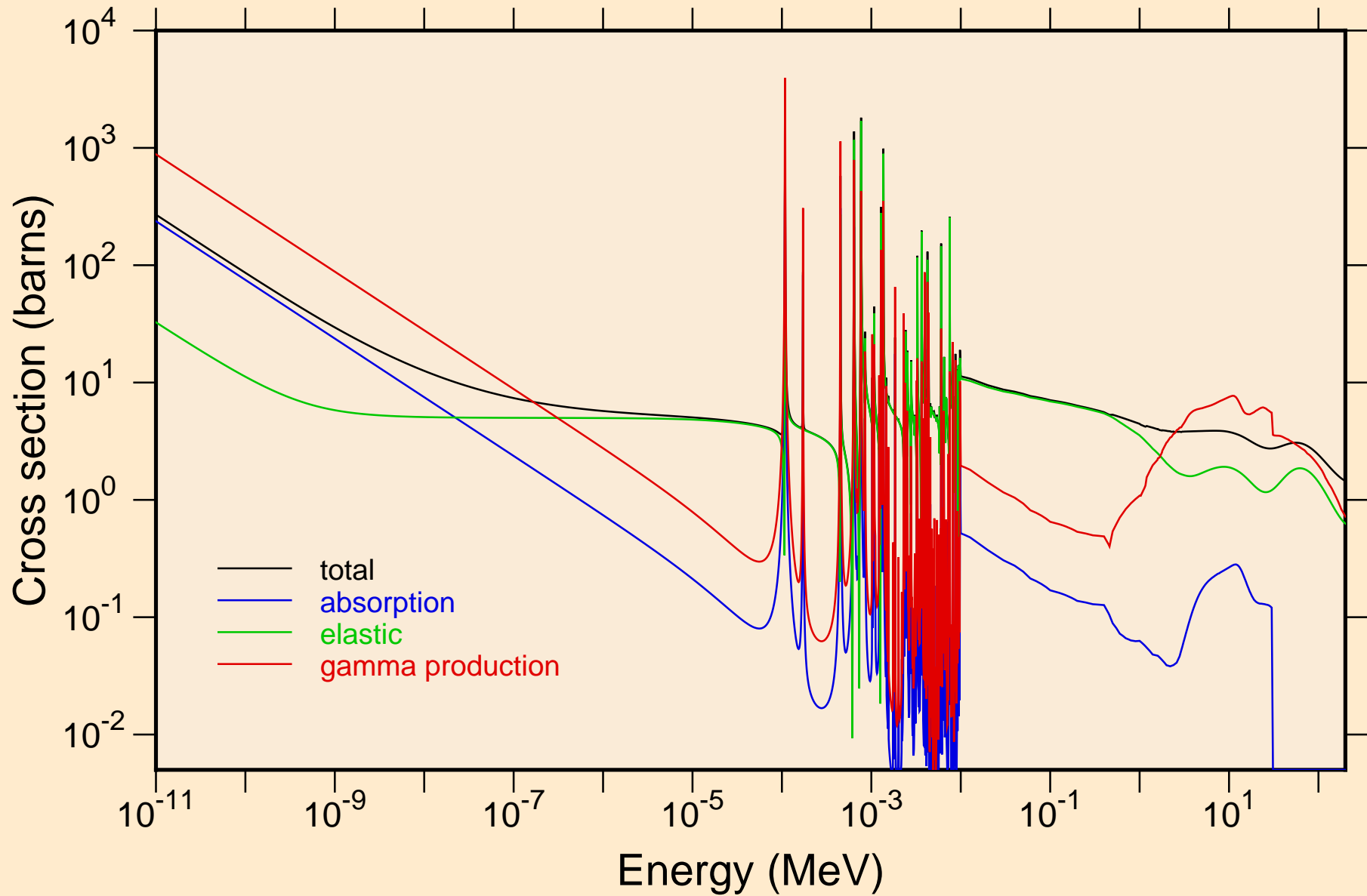
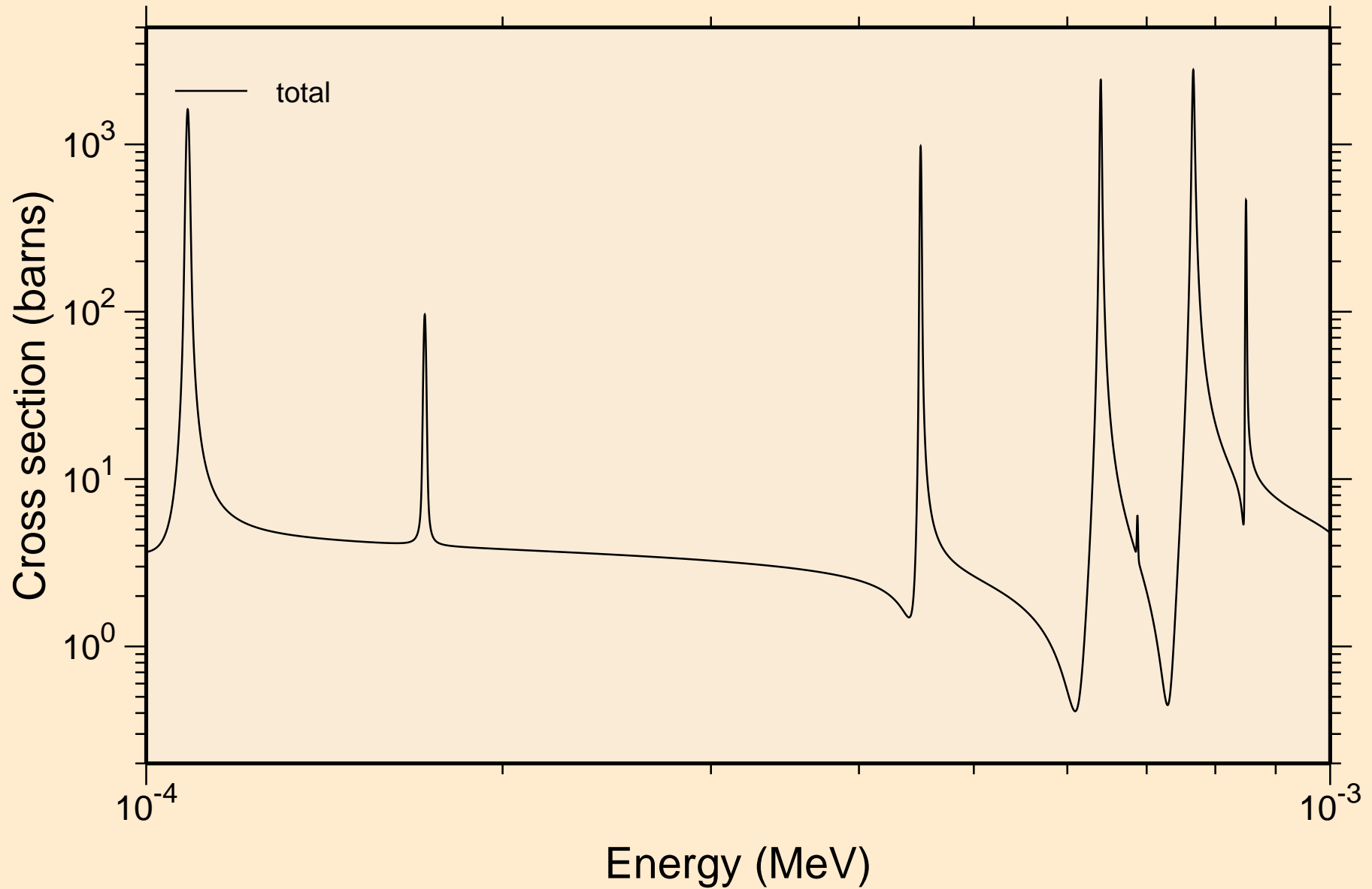


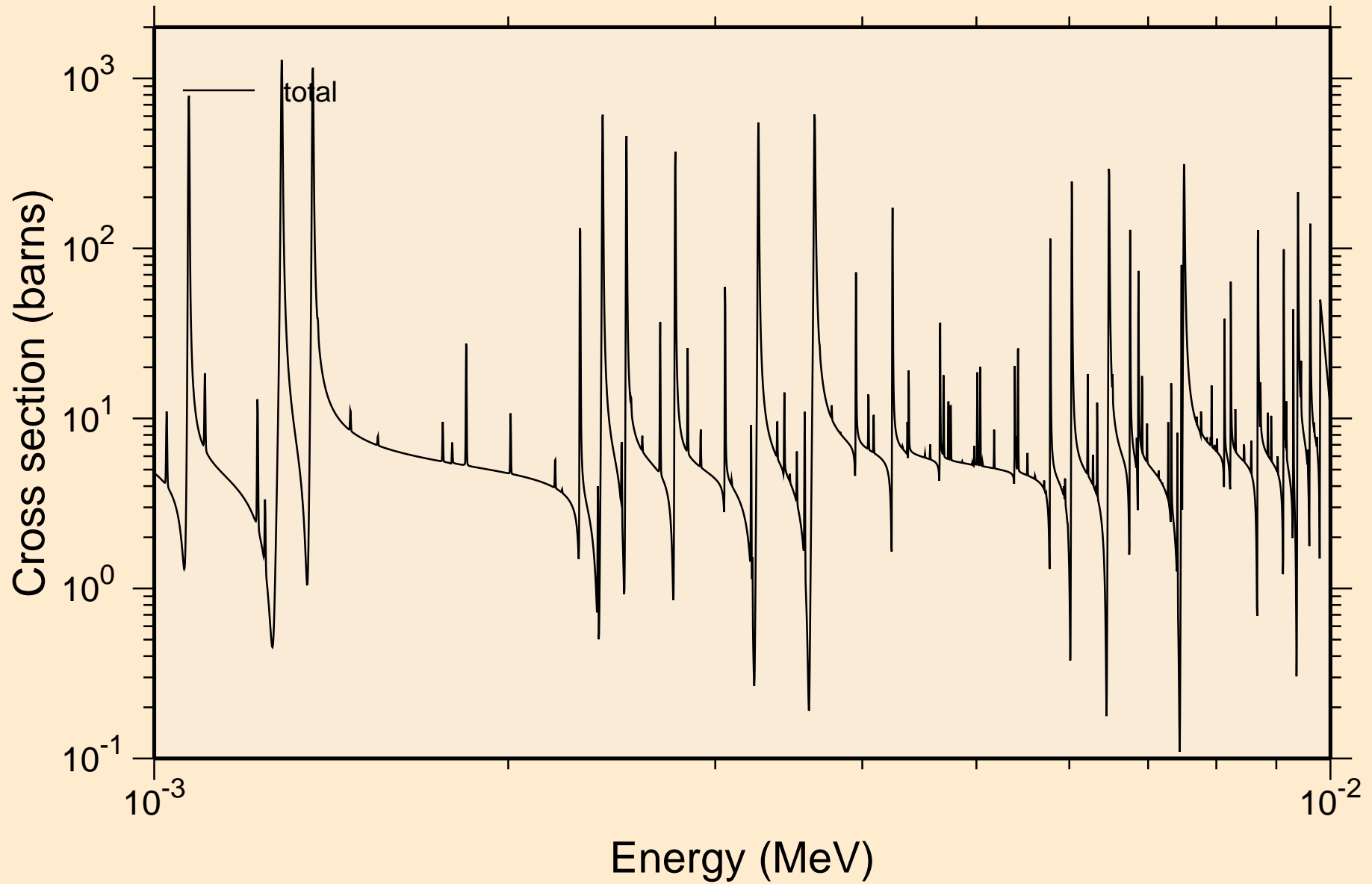
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



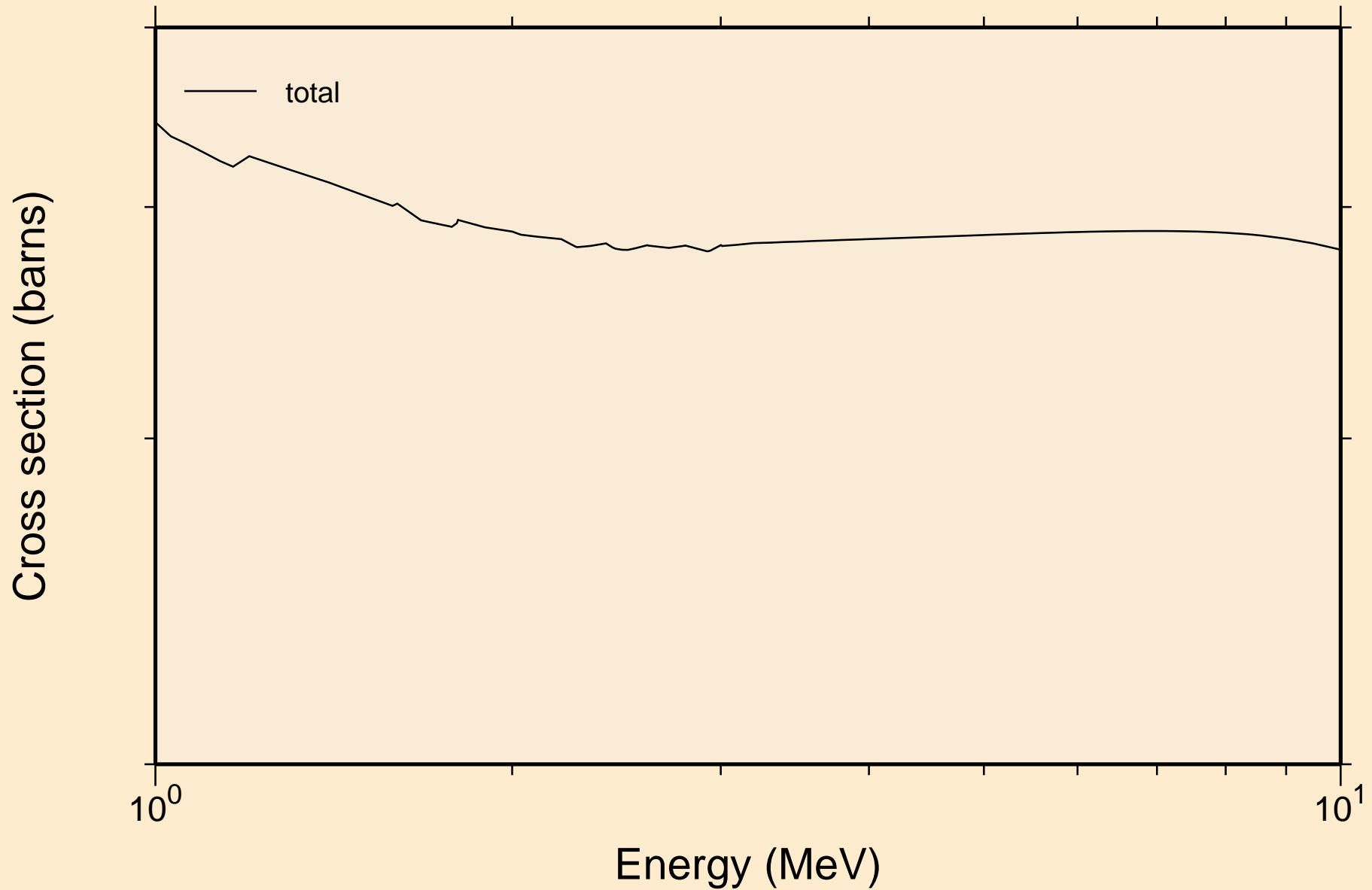
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



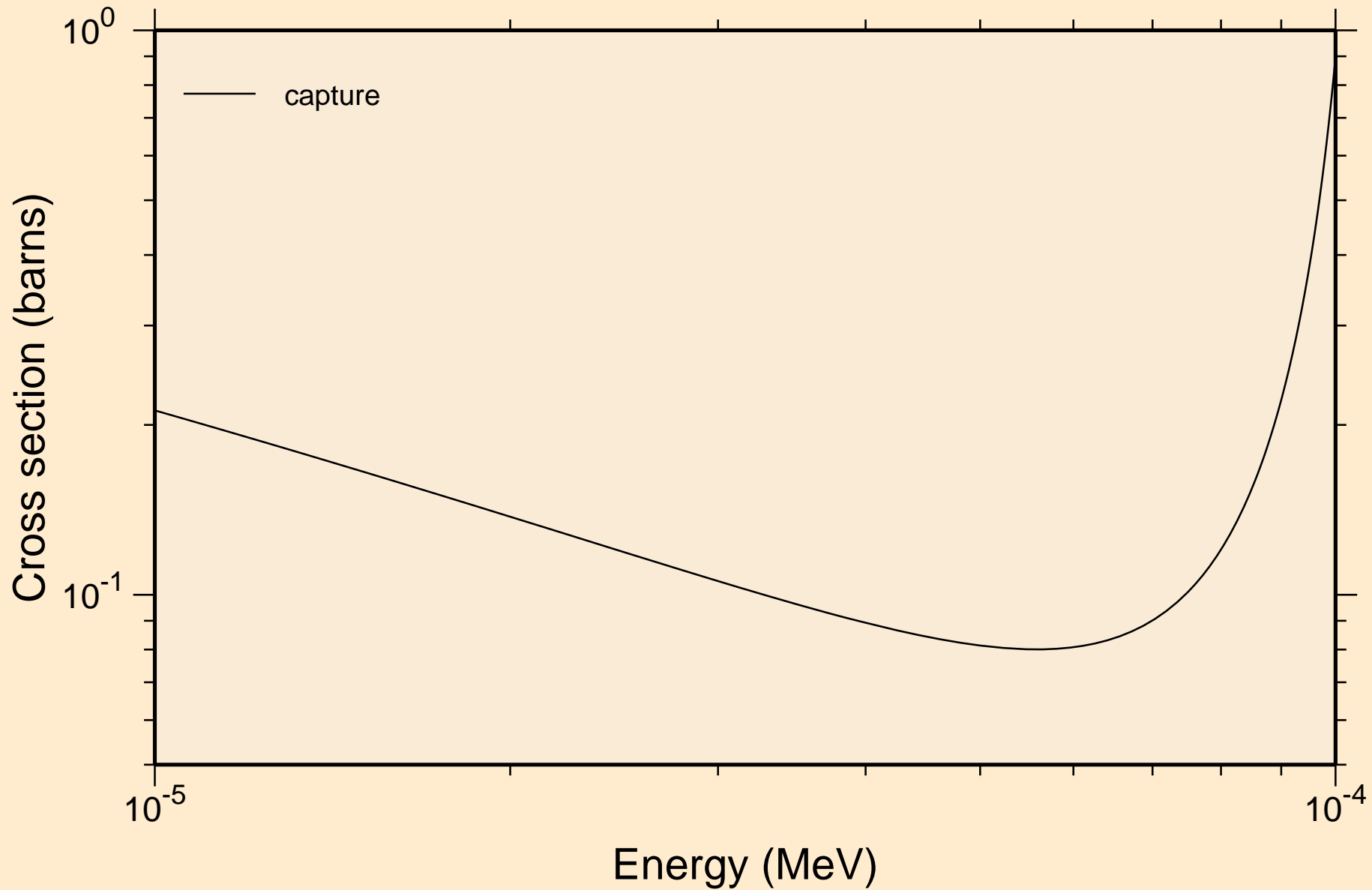
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



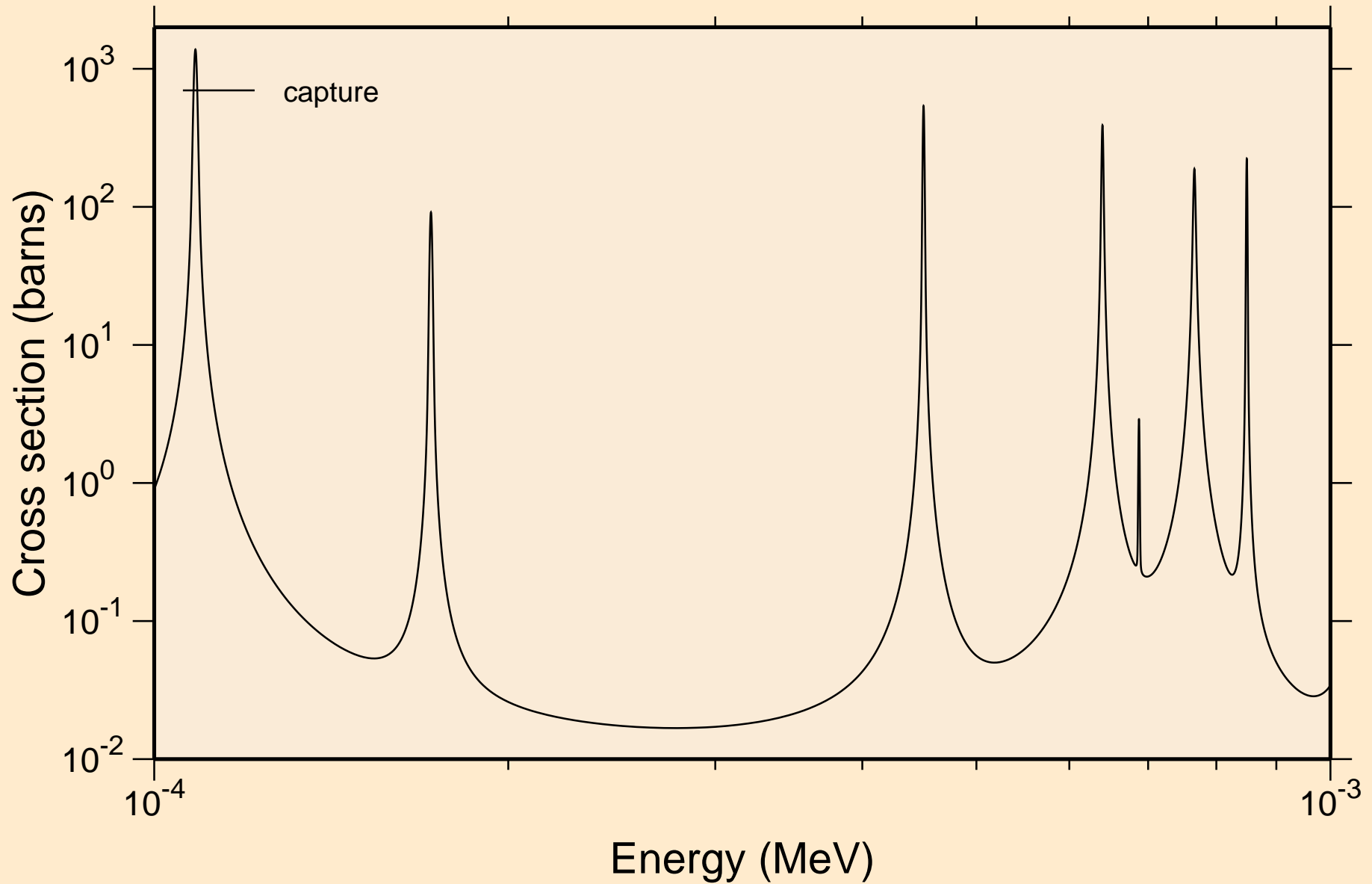
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



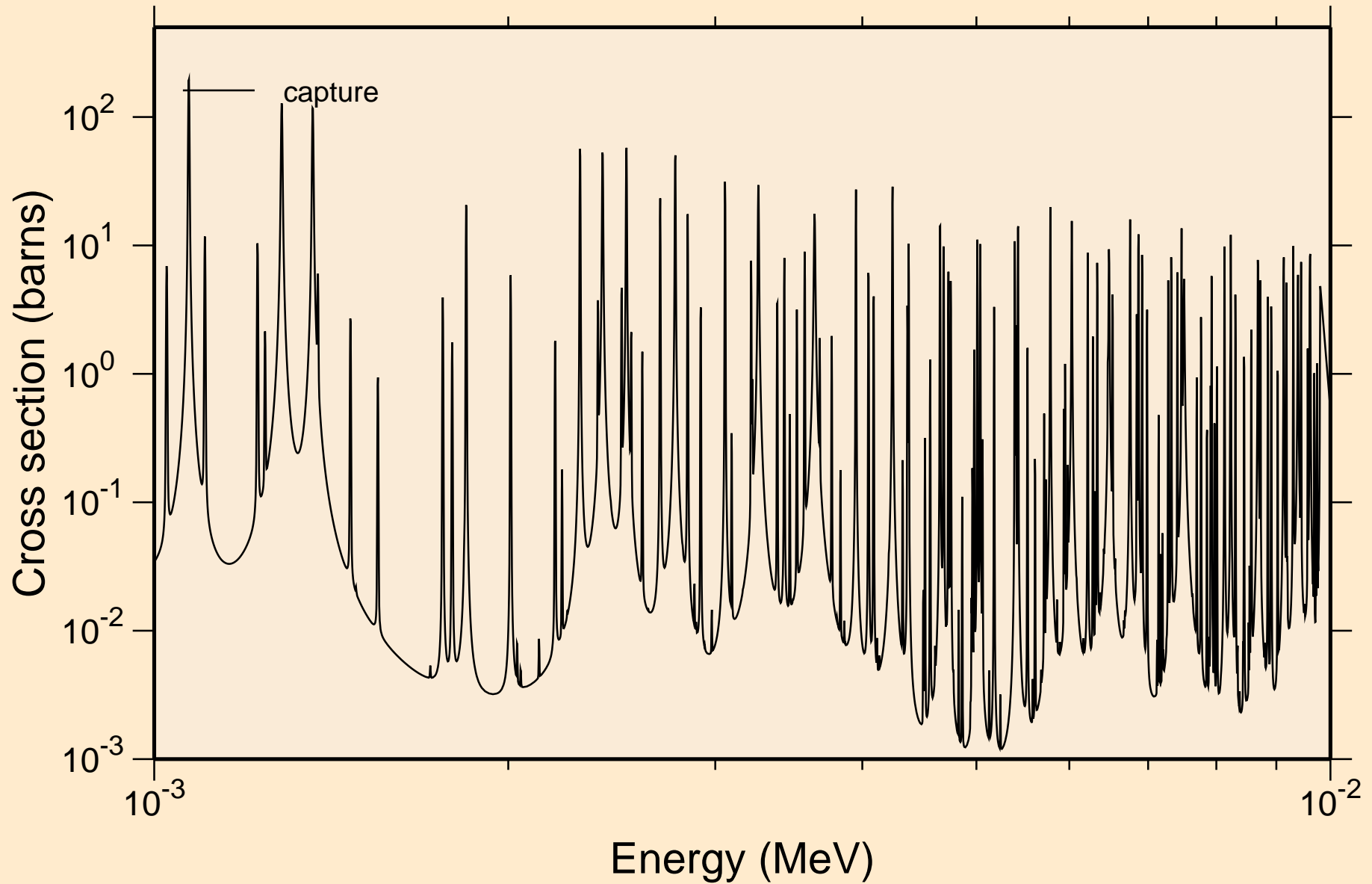
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



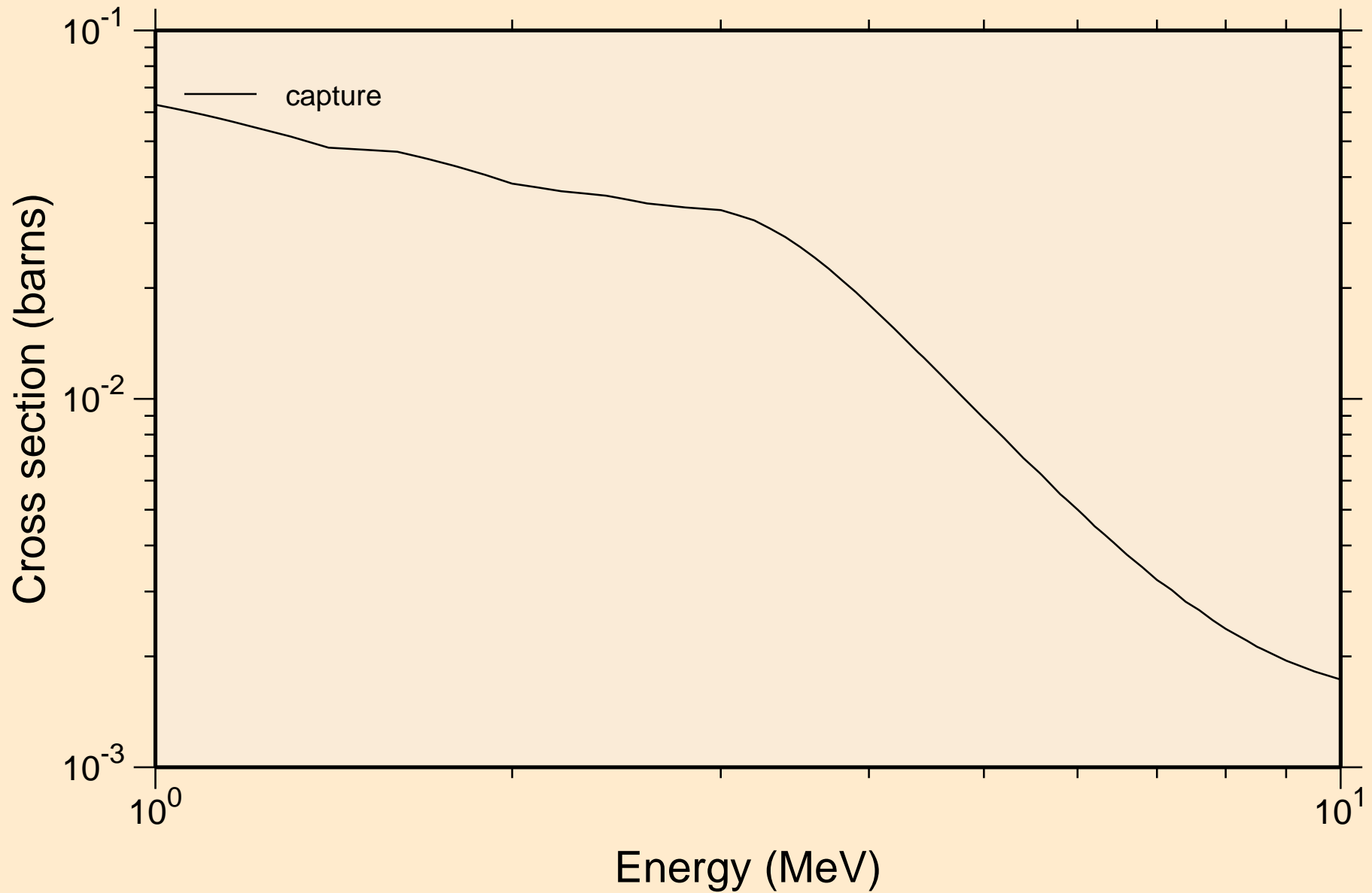
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

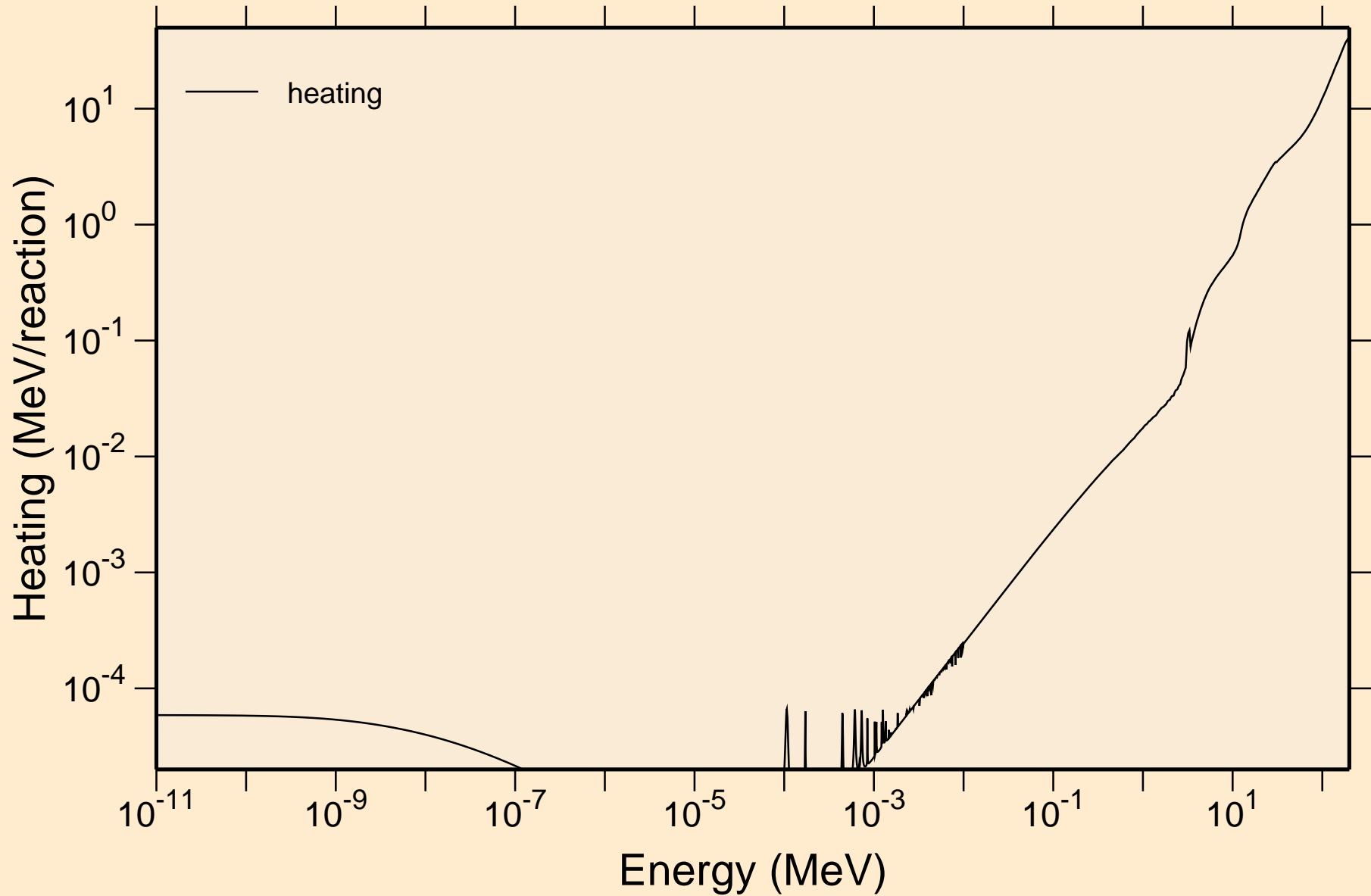


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

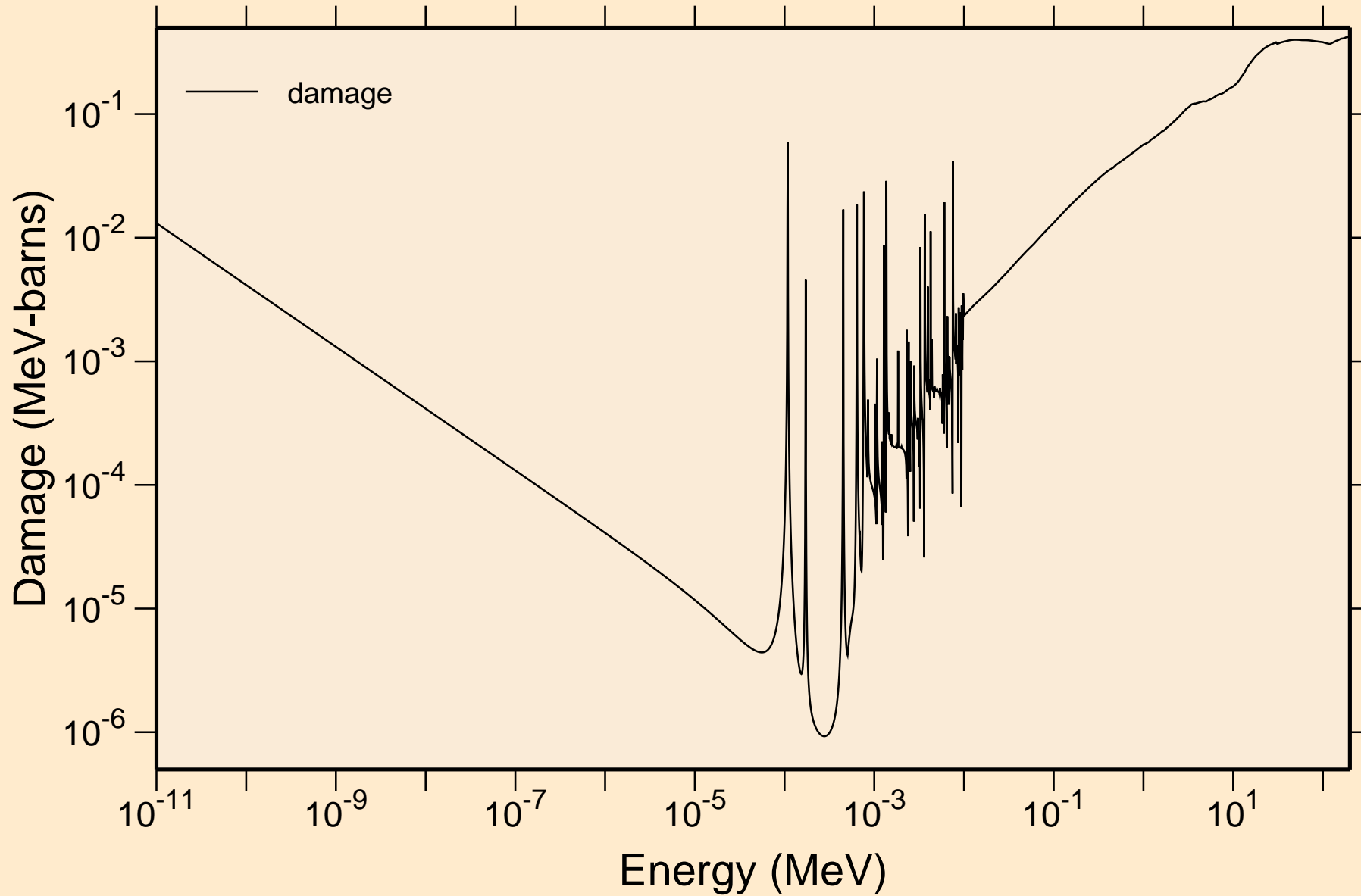




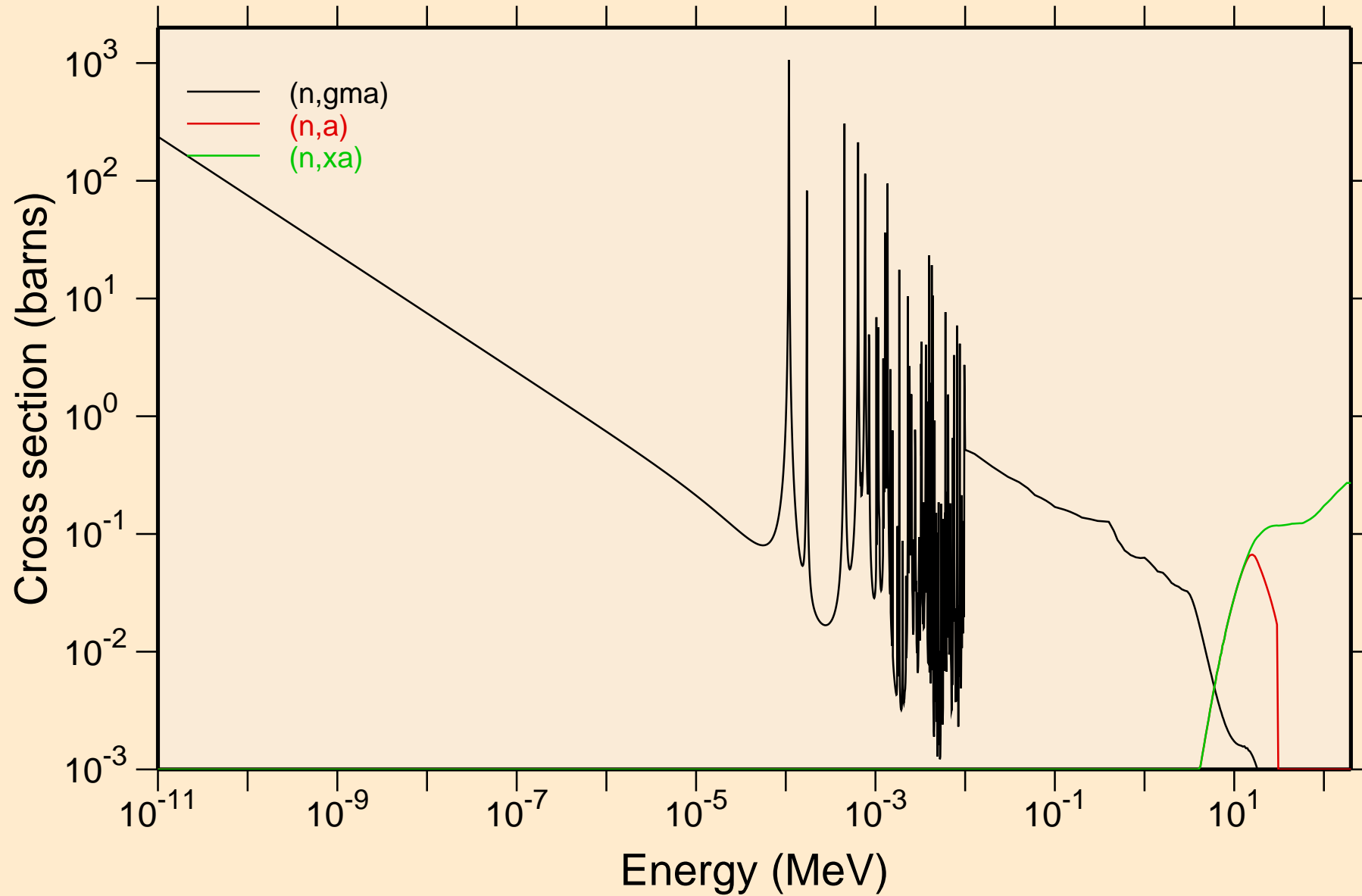
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

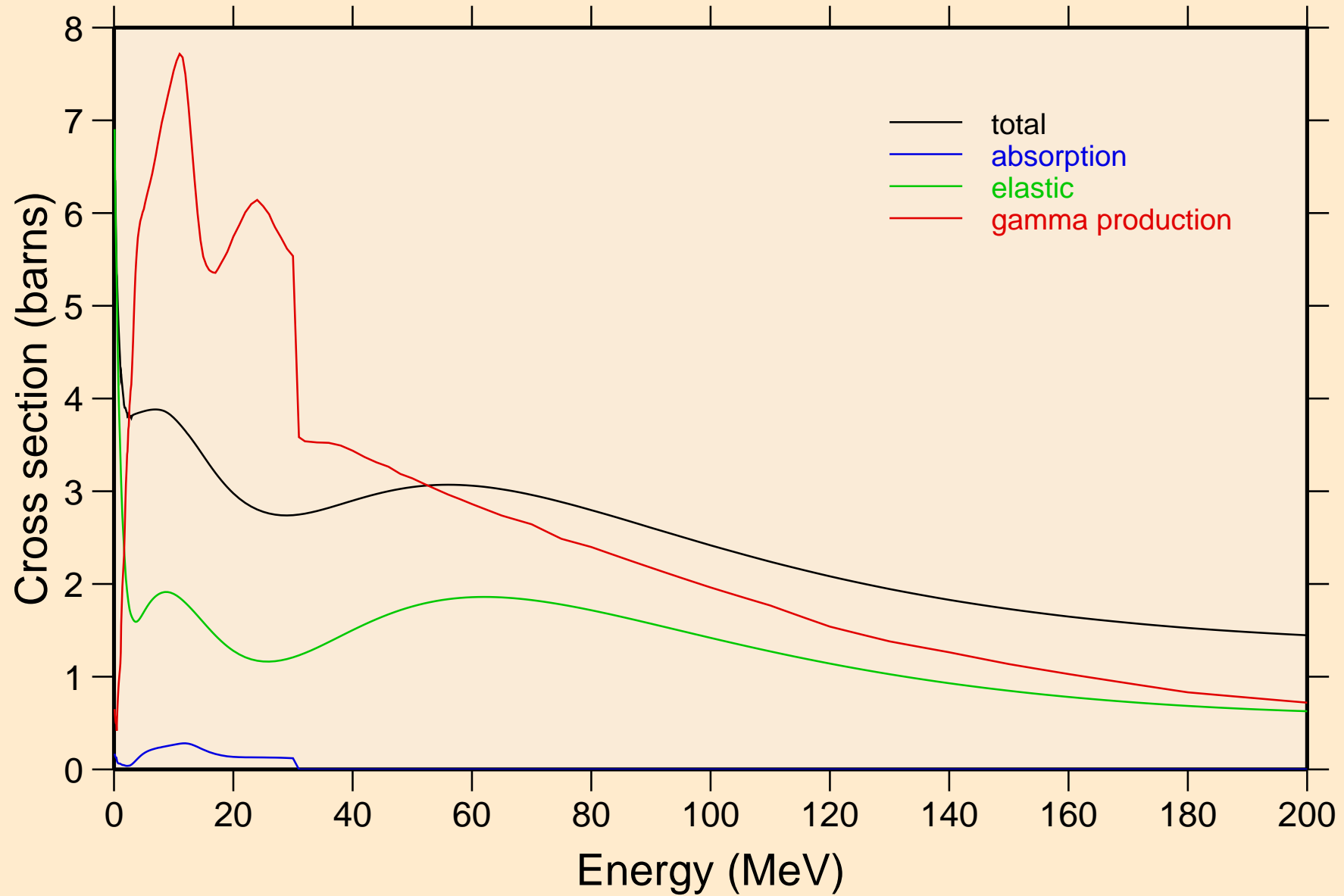


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

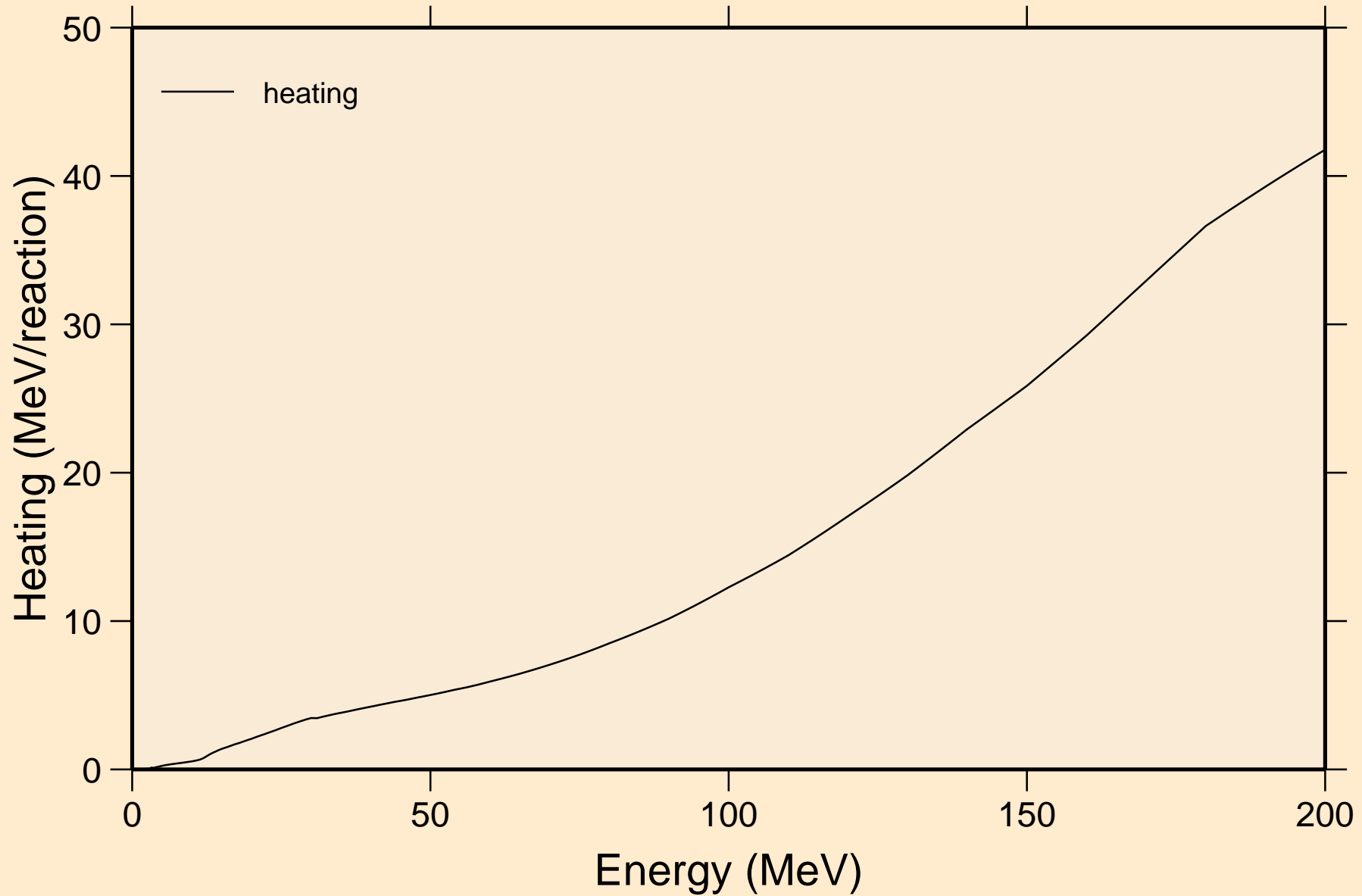


# KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

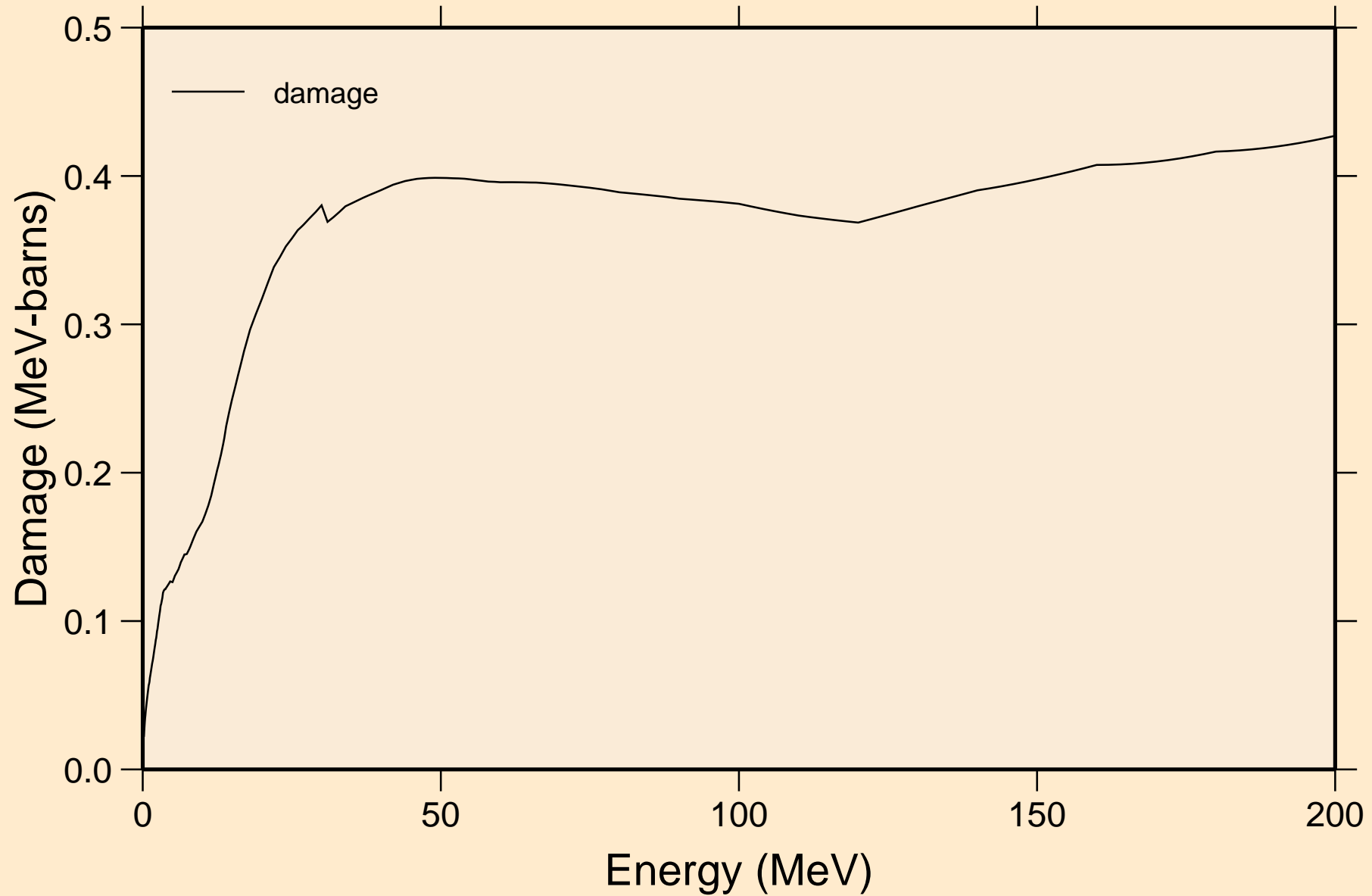
## Principal cross sections



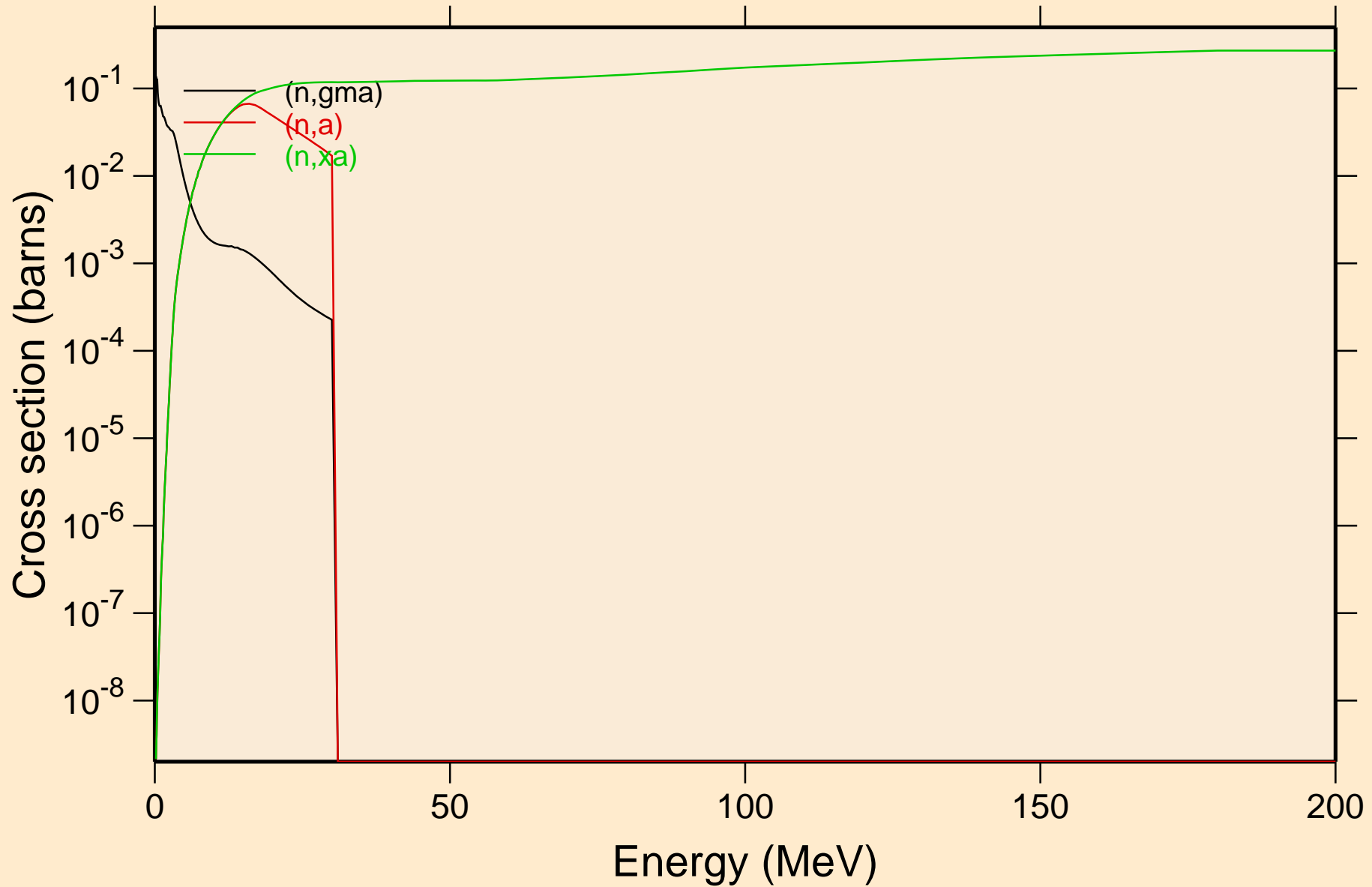
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



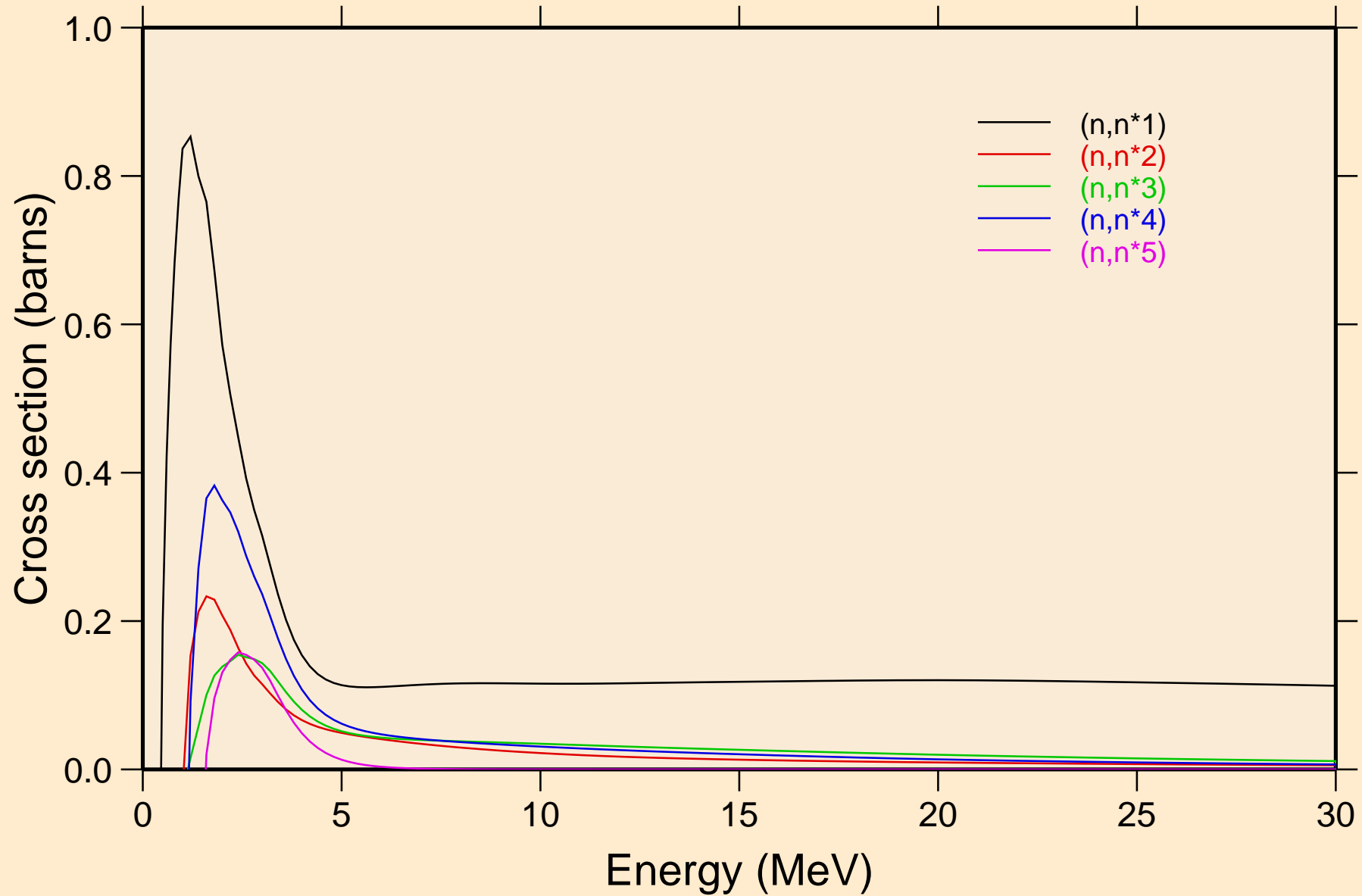
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



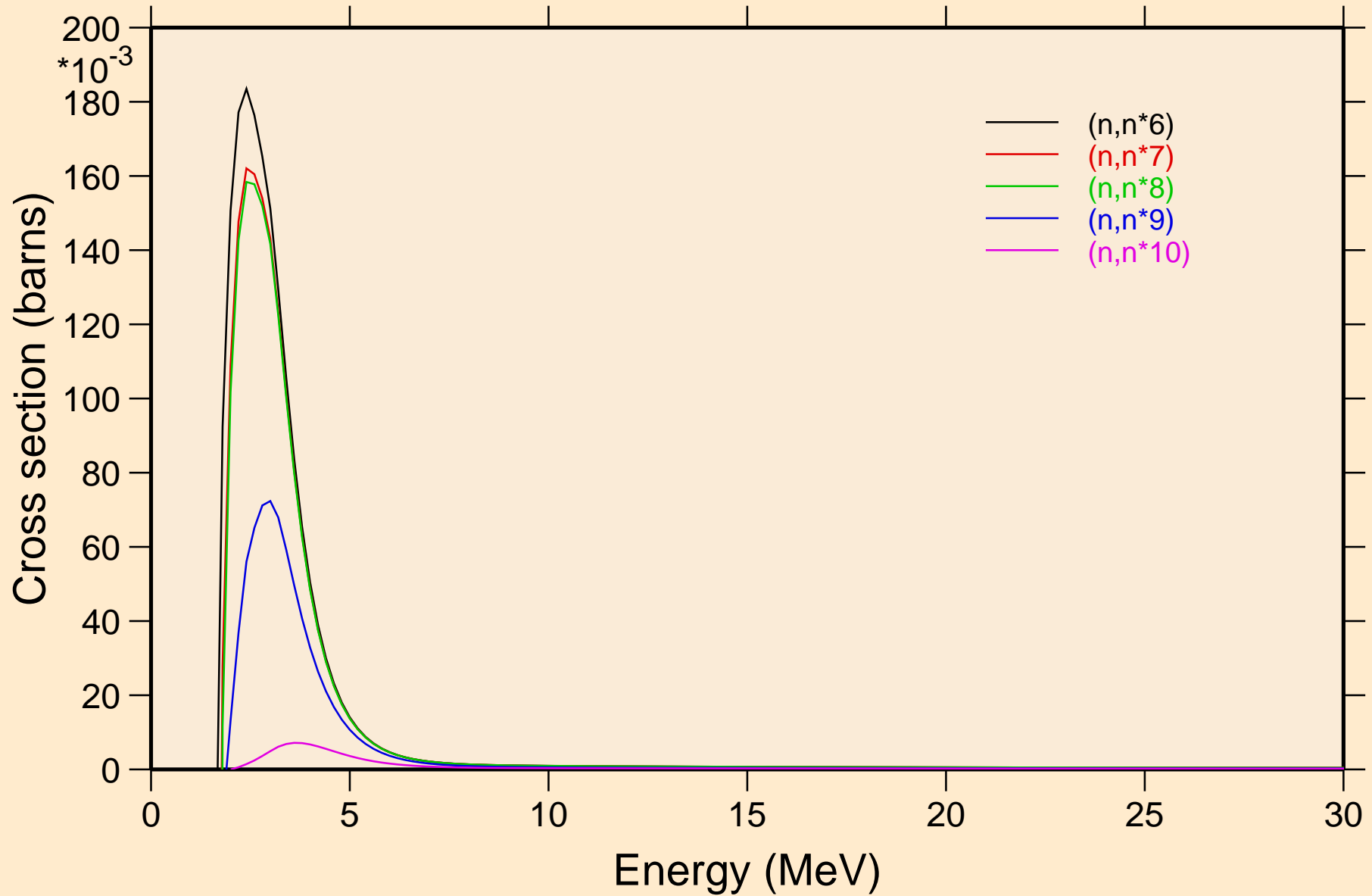
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



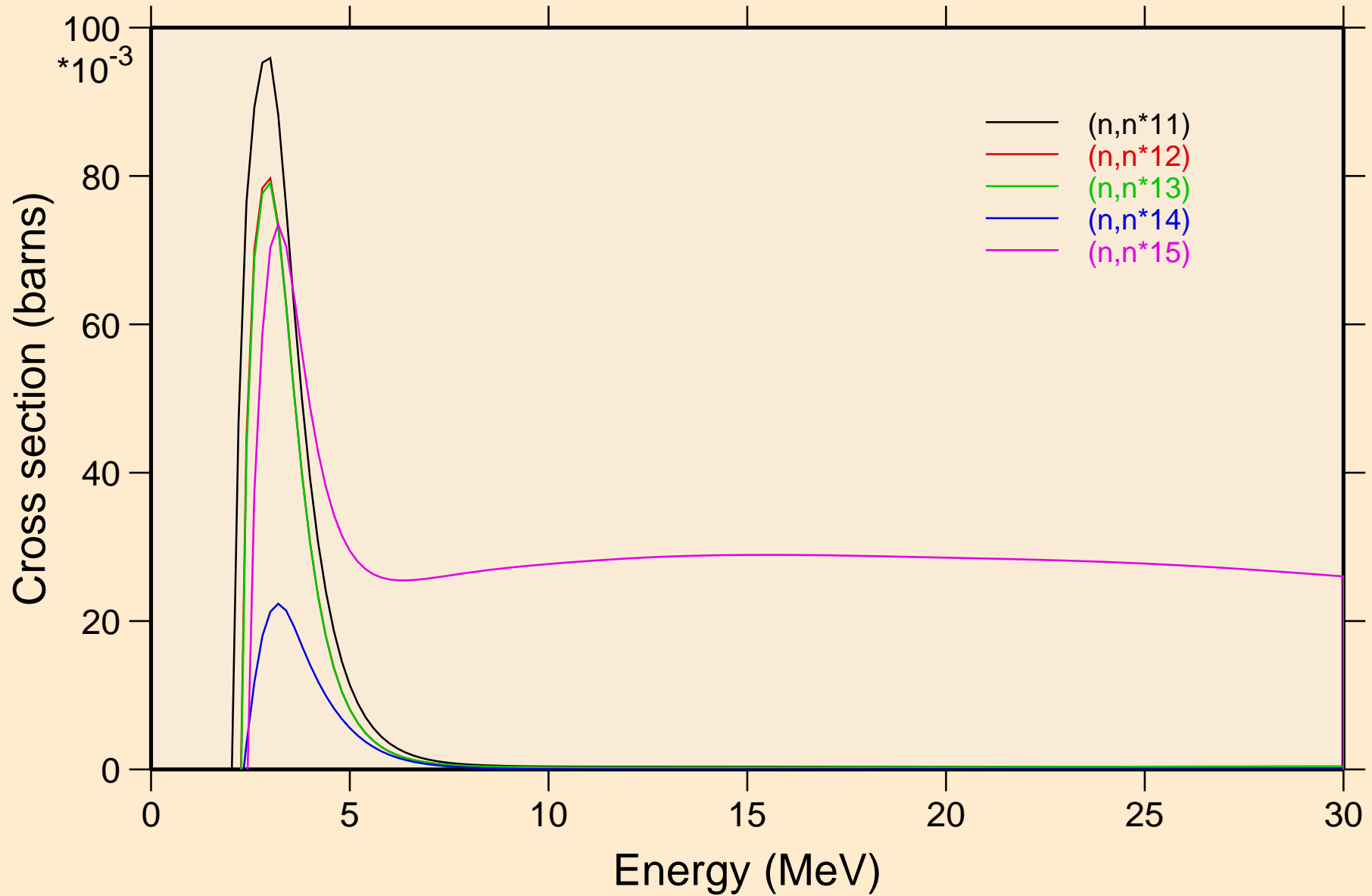


# KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

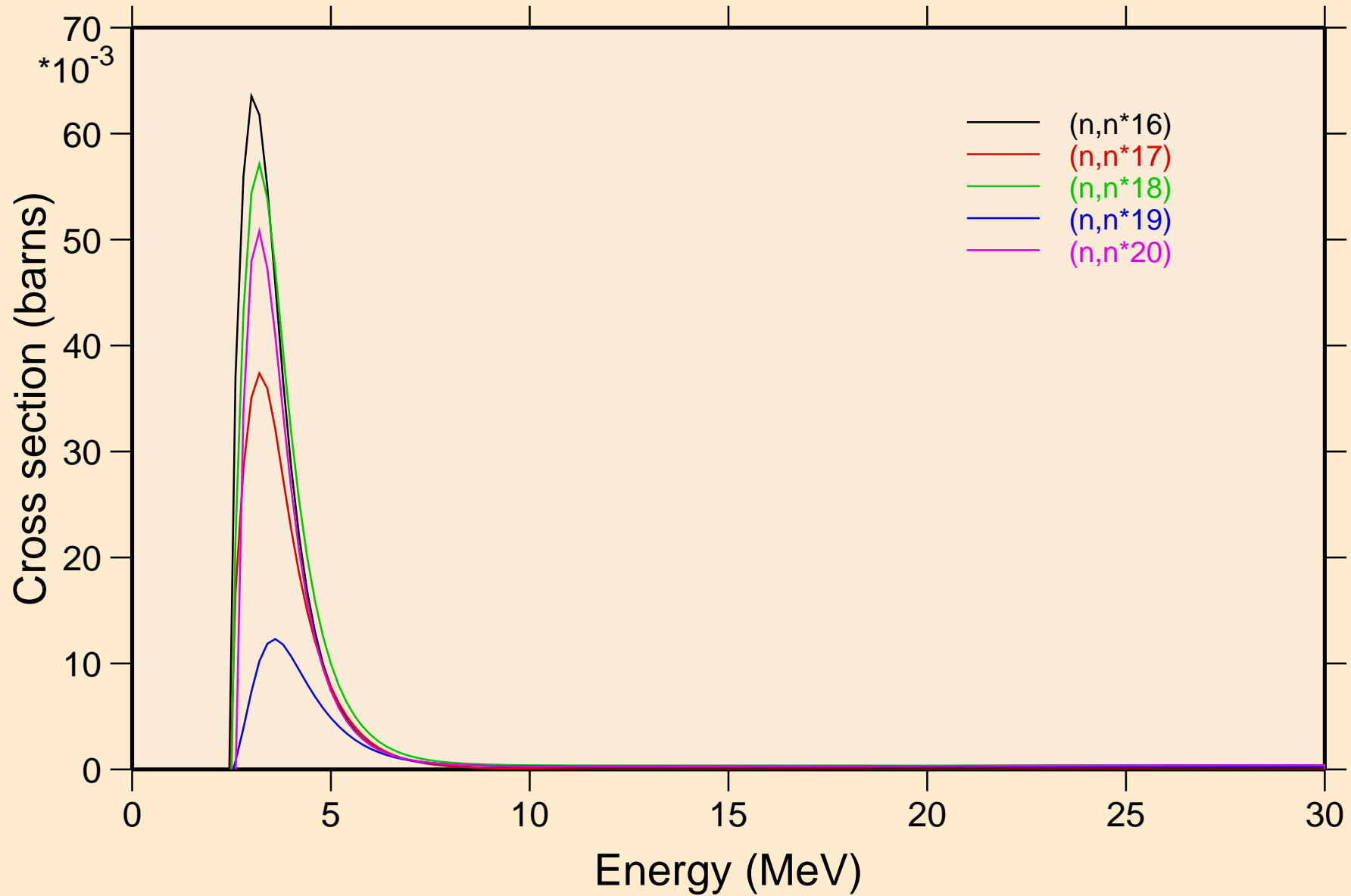
## Inelastic levels



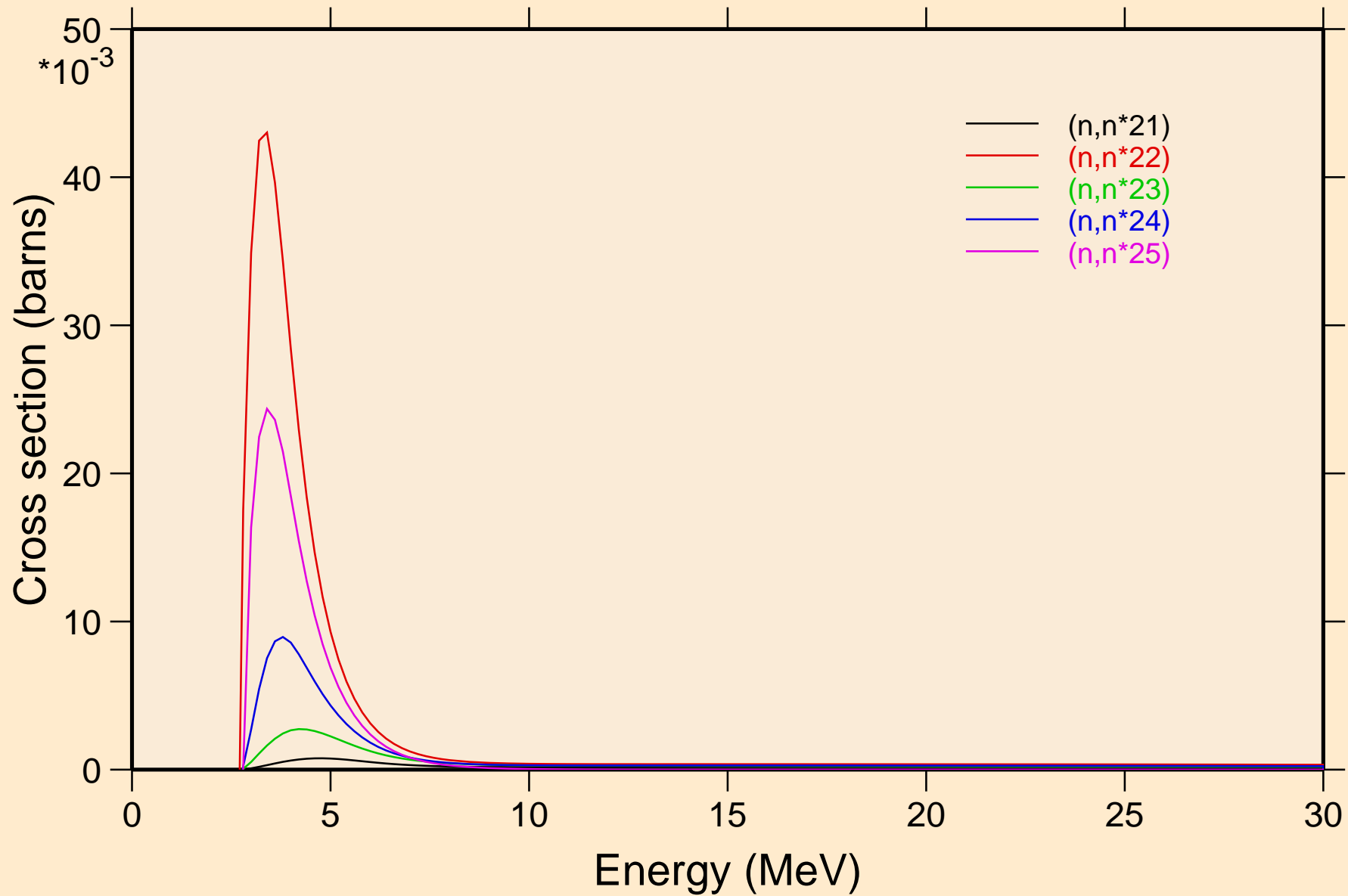
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



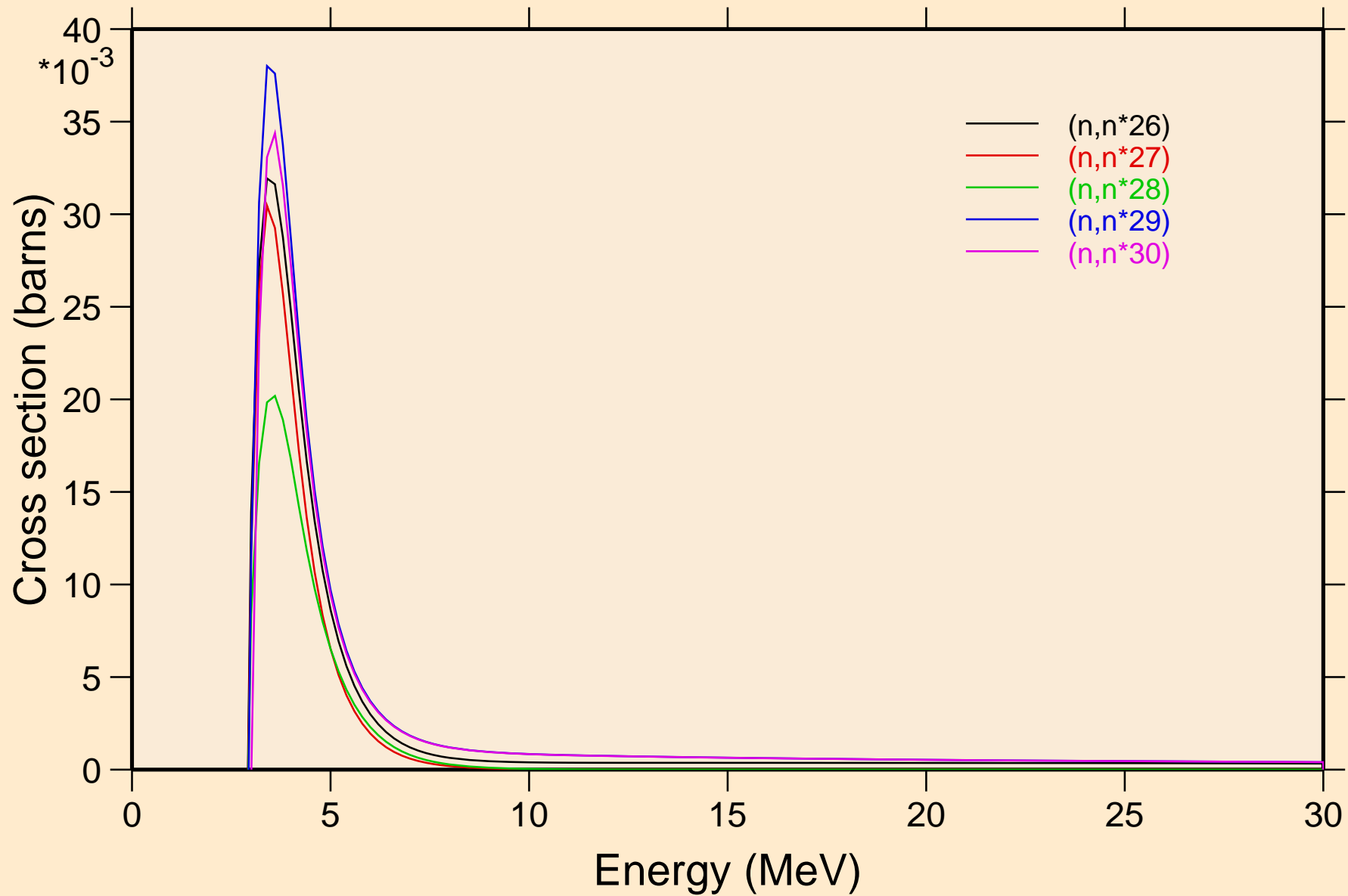
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



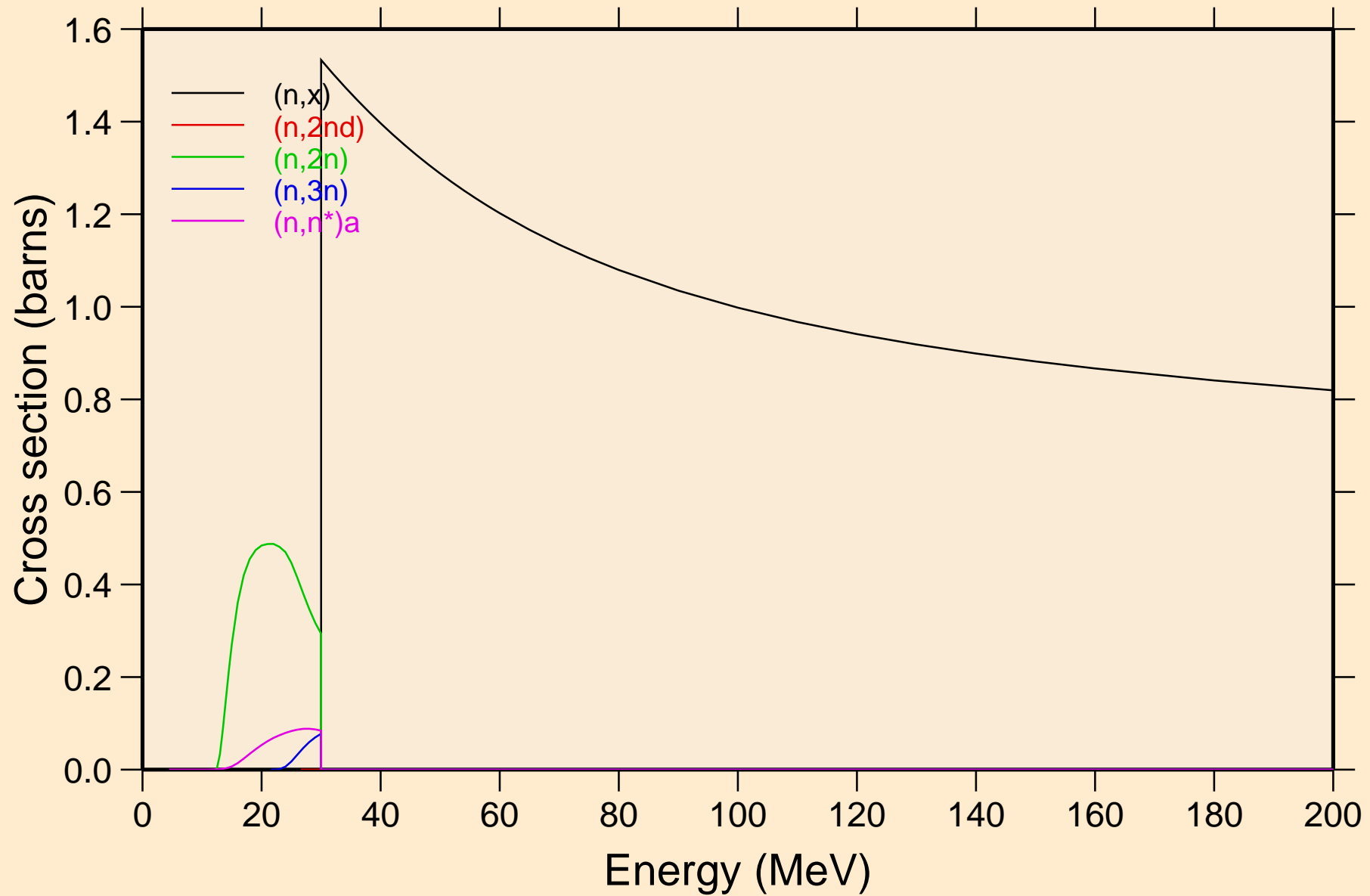
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



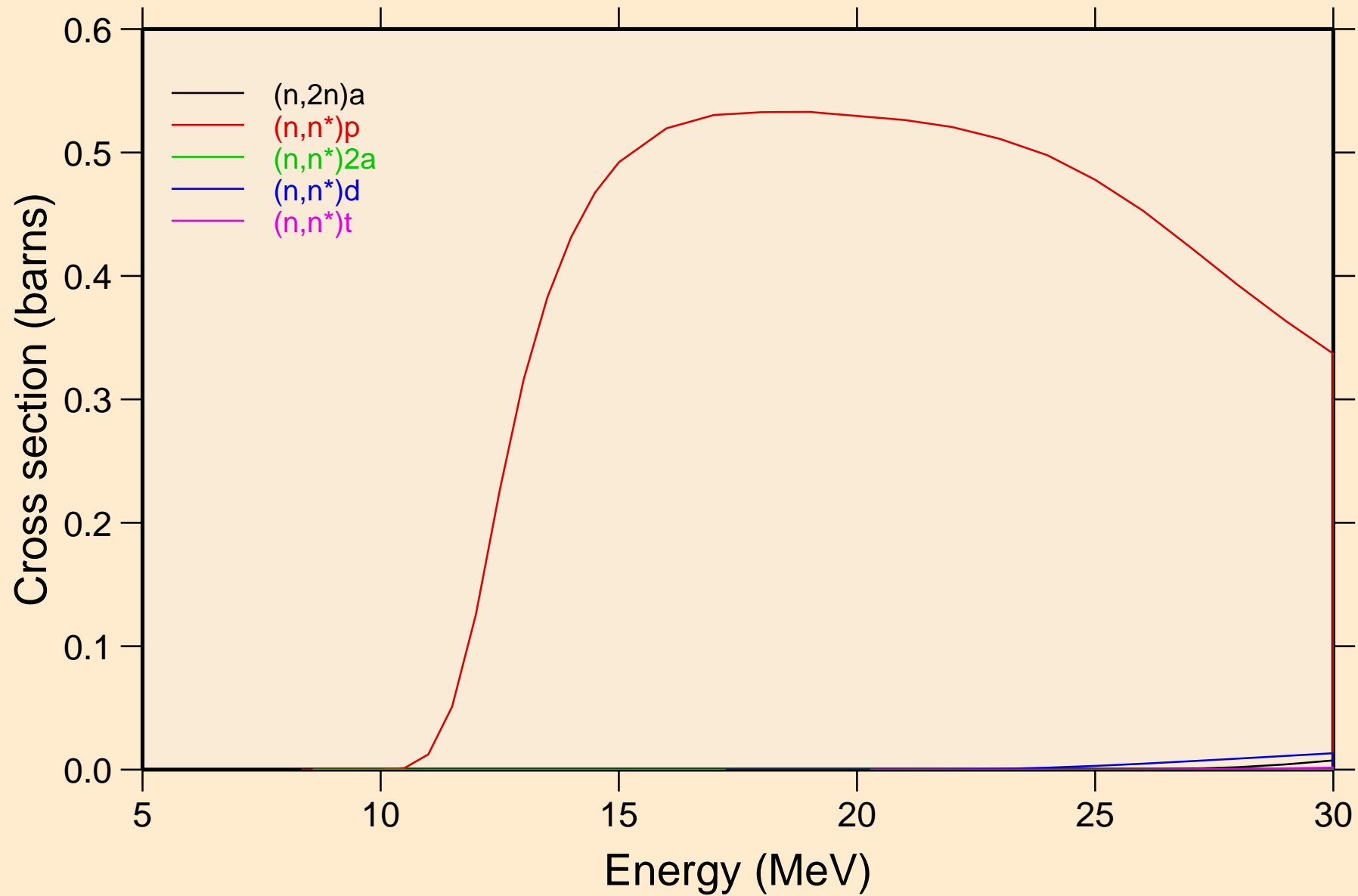
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



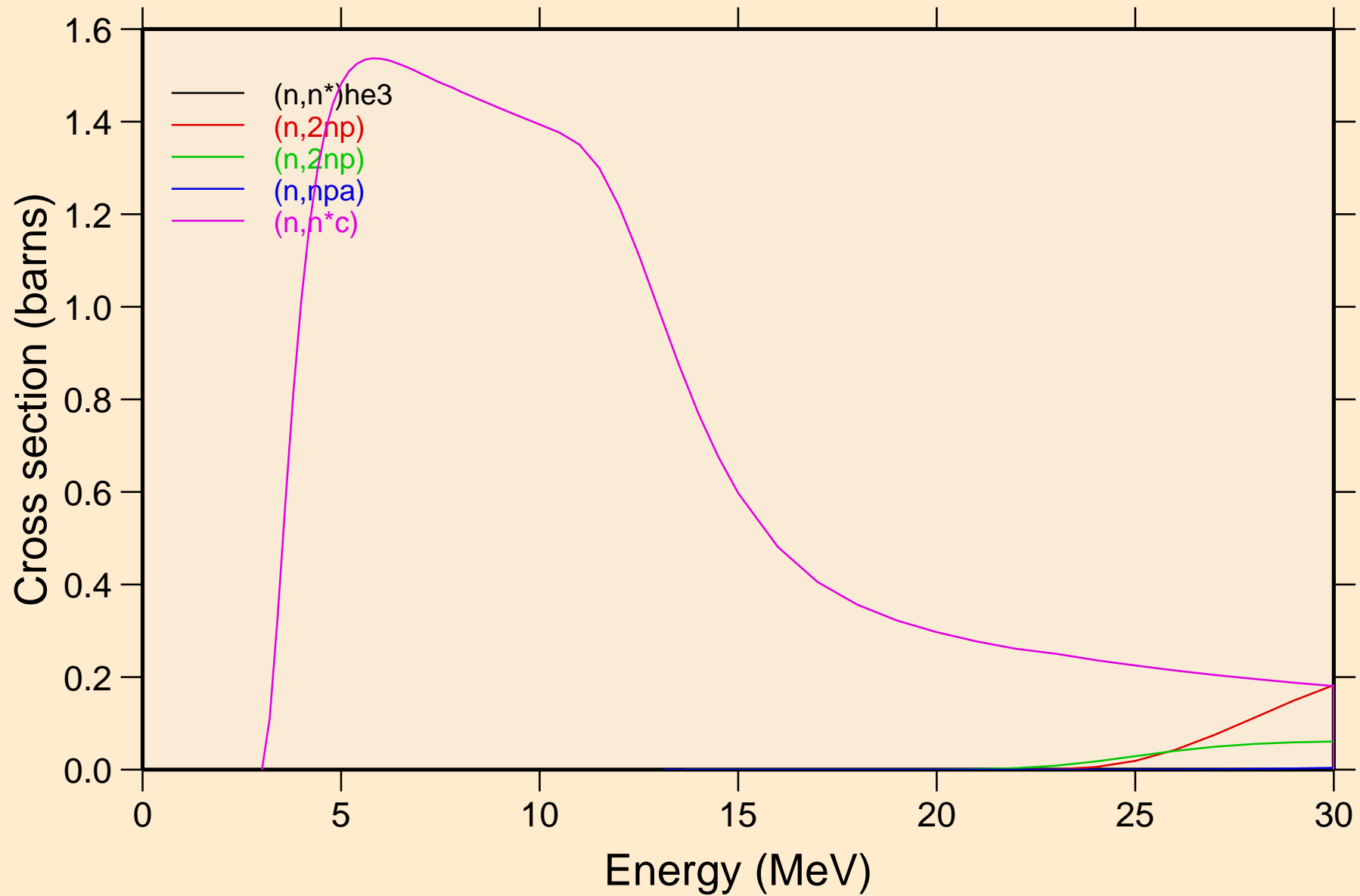
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

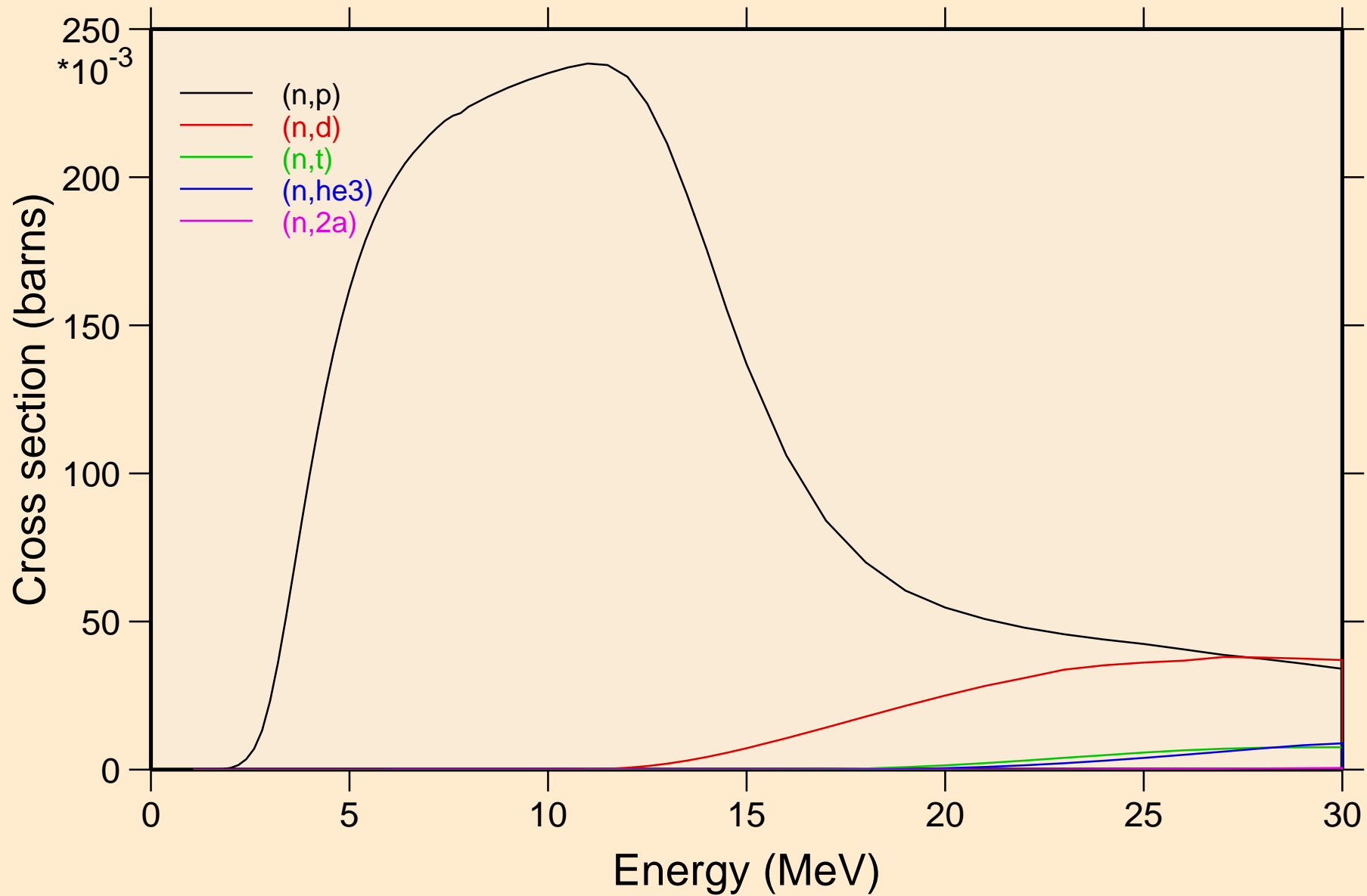


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

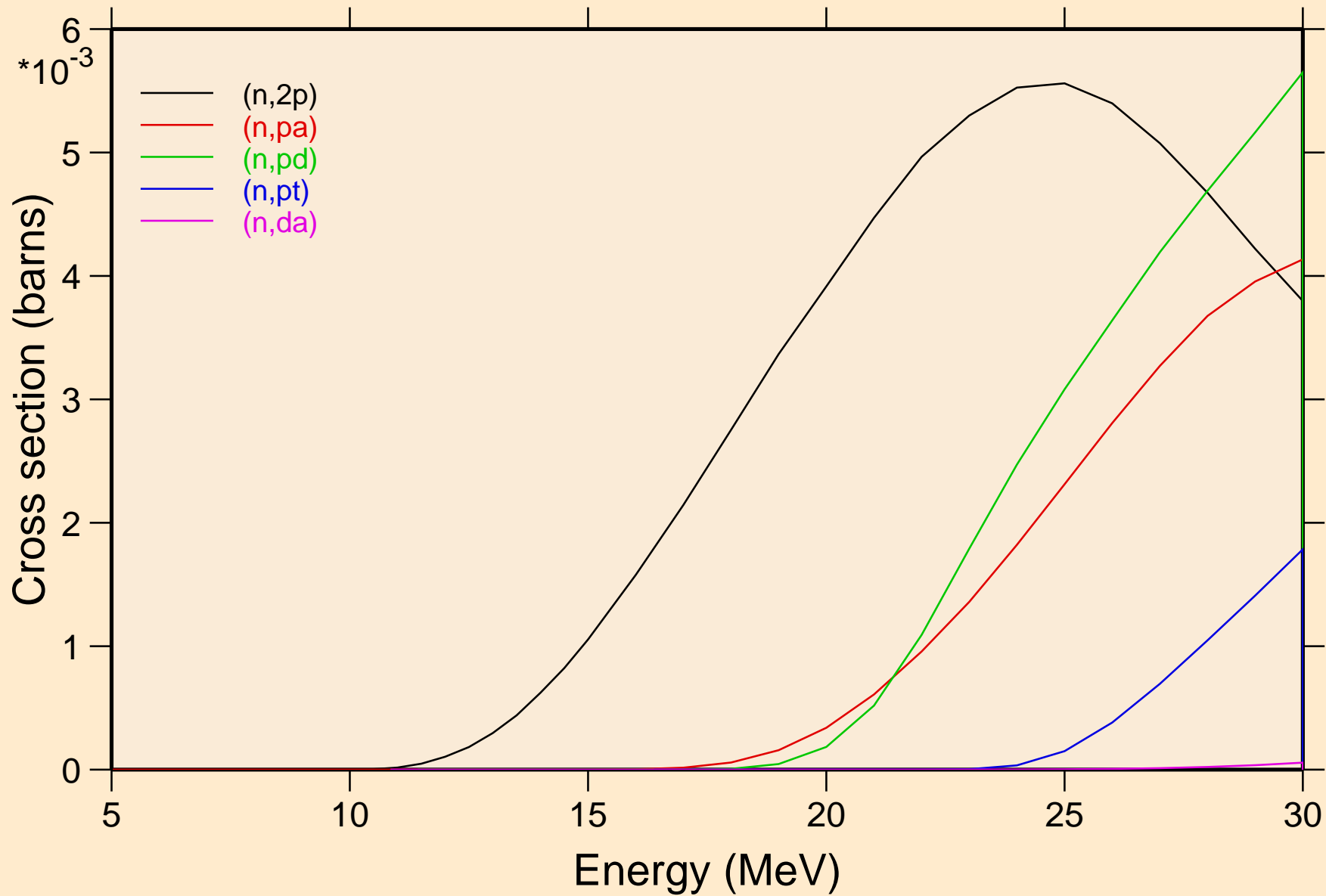




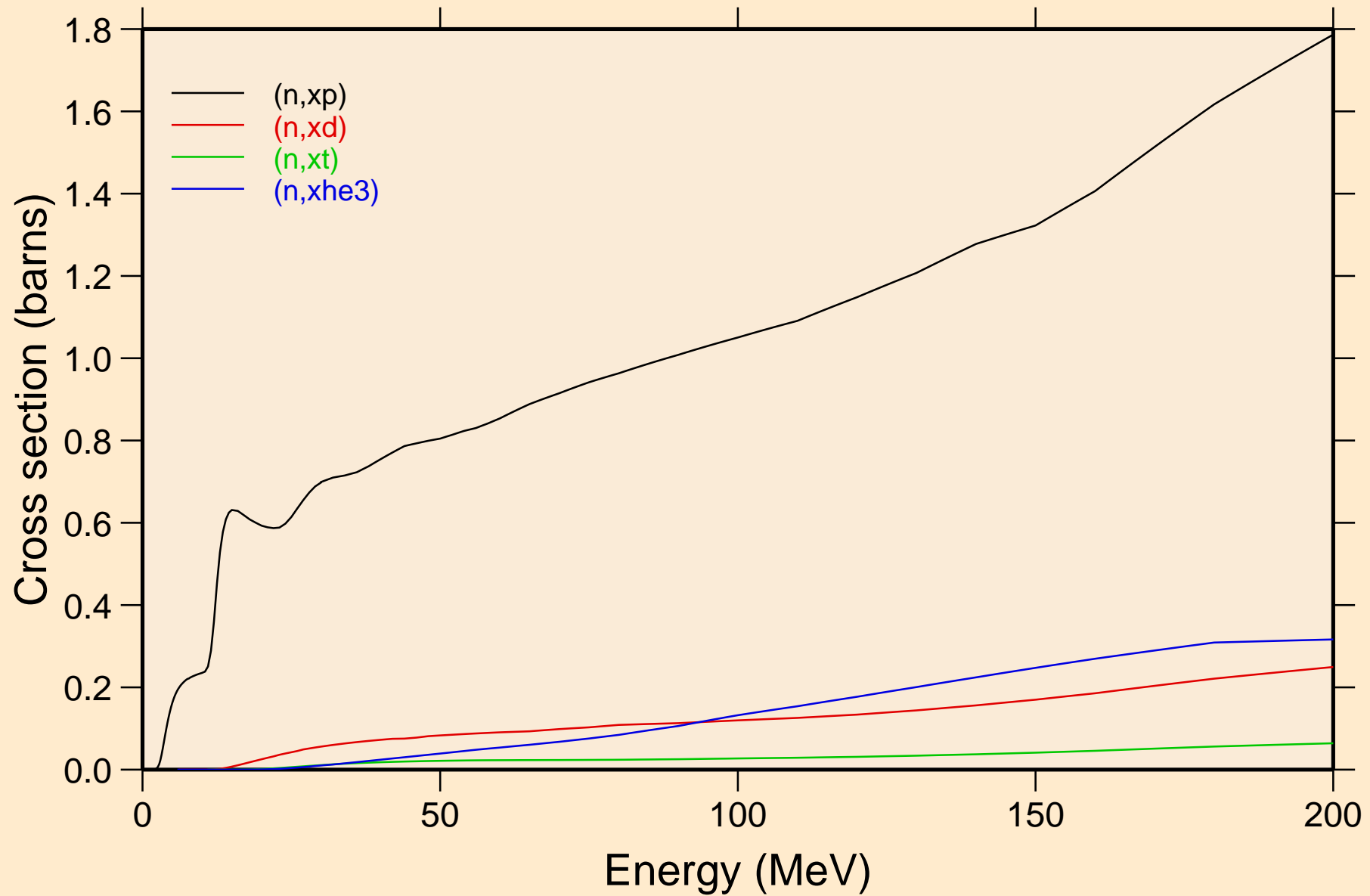
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



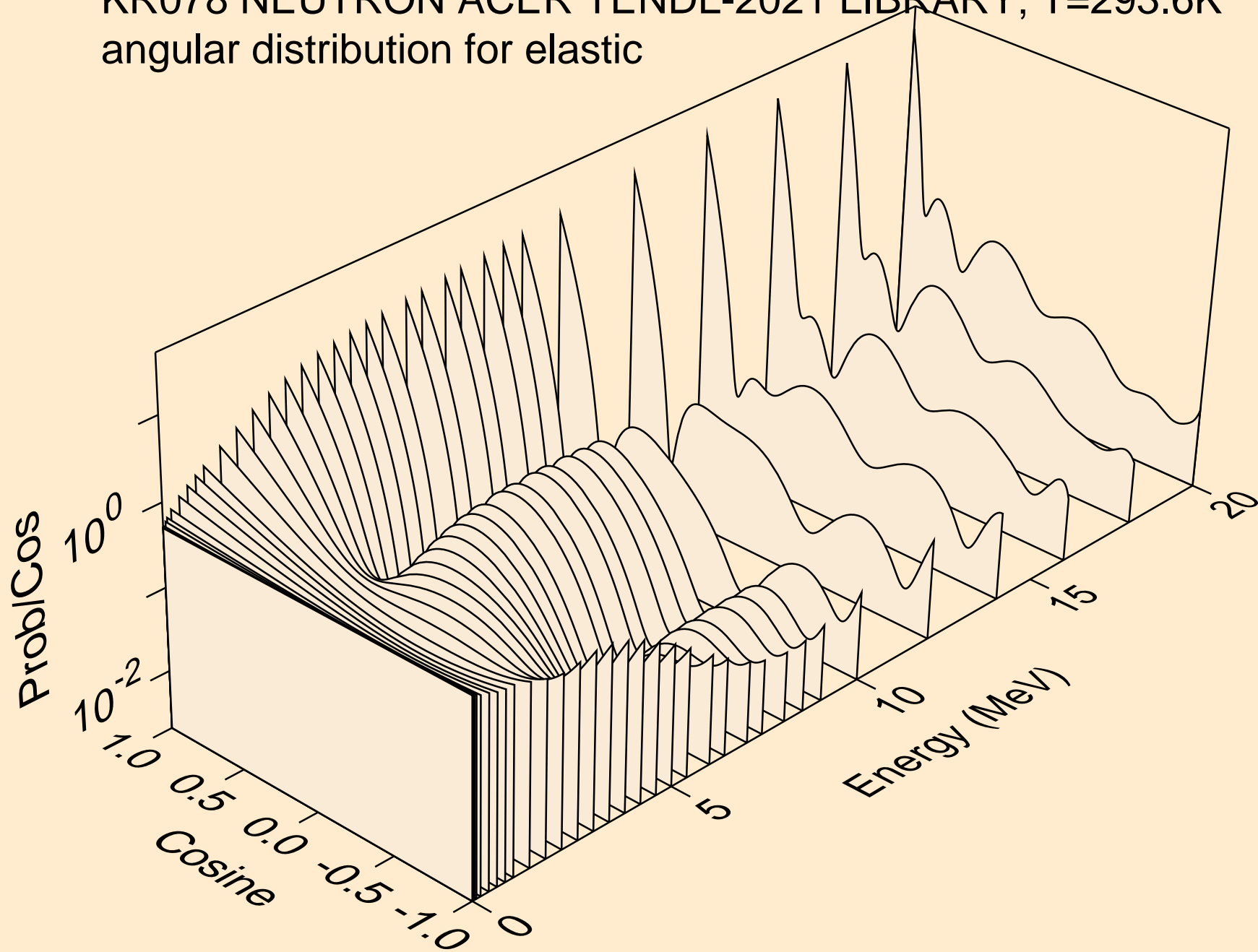
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



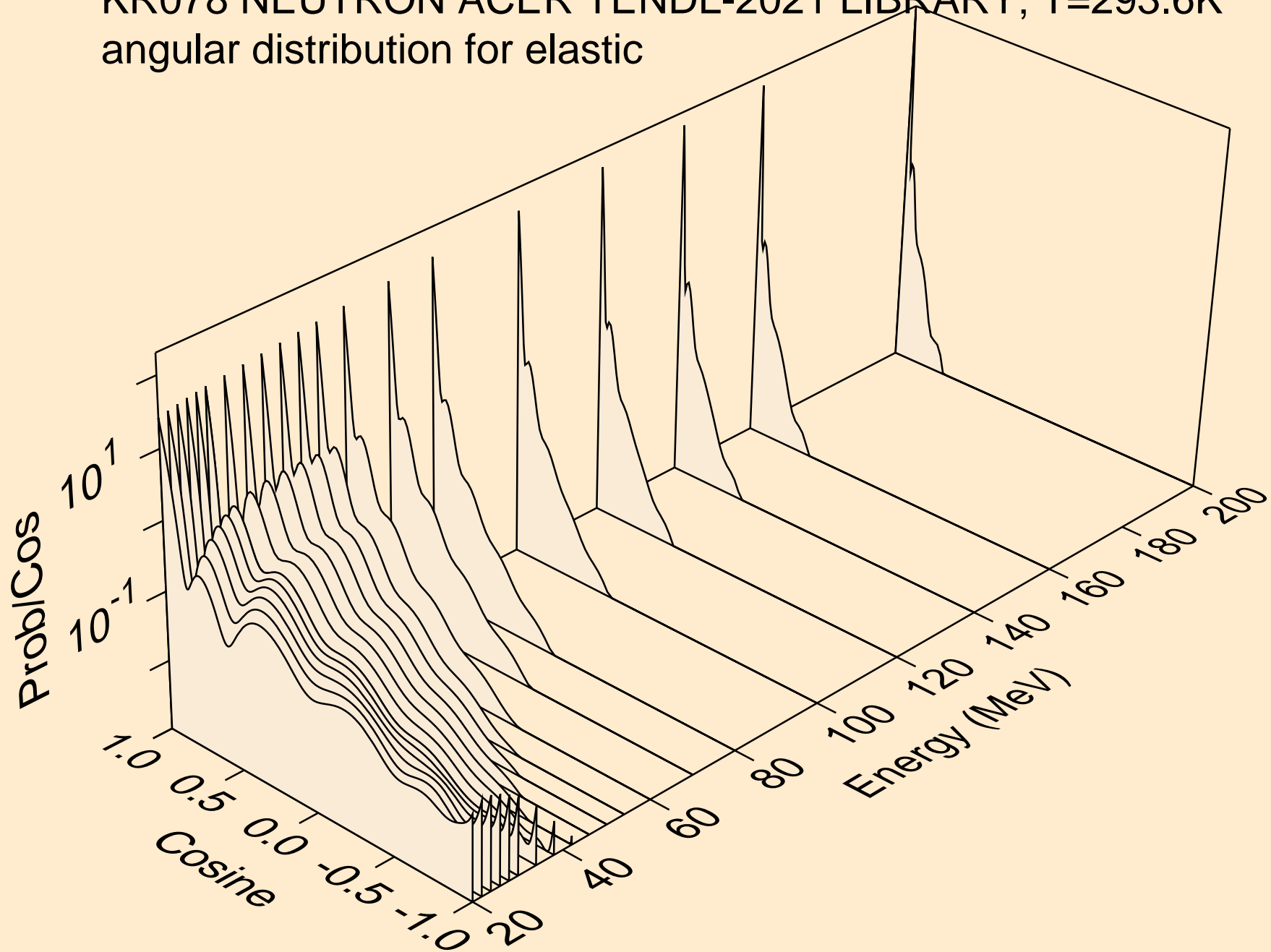
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



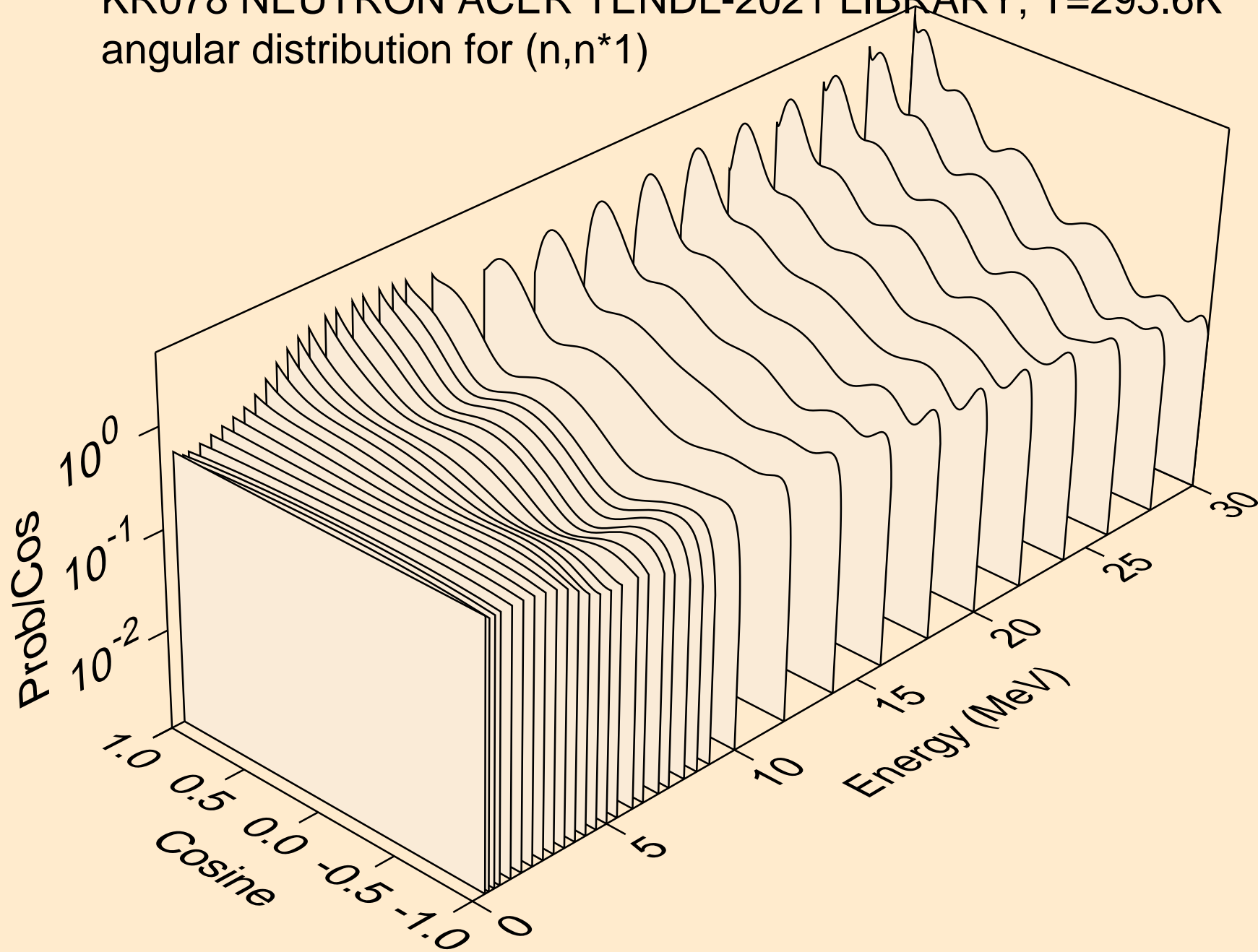
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



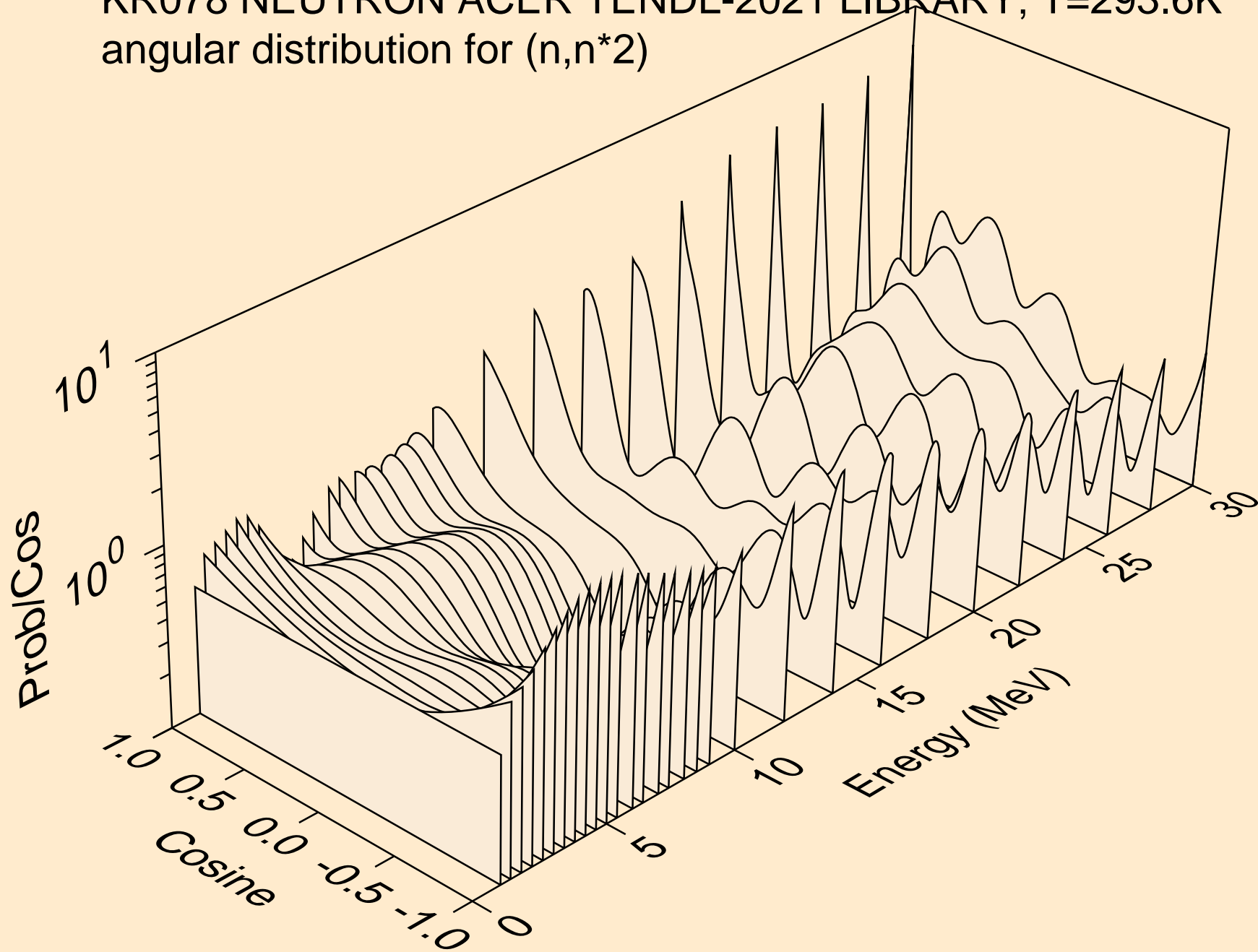
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angular distribution for elastic



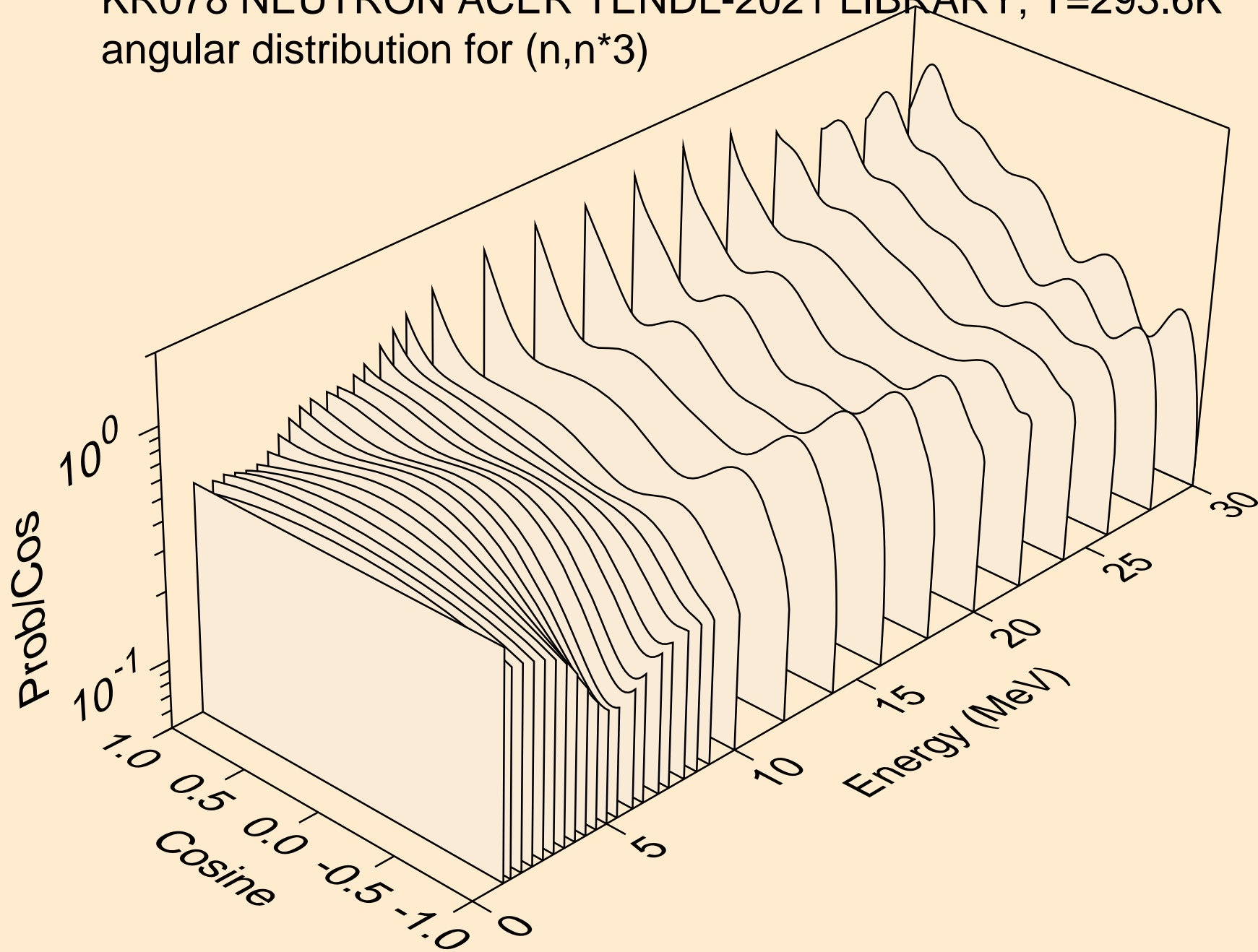
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

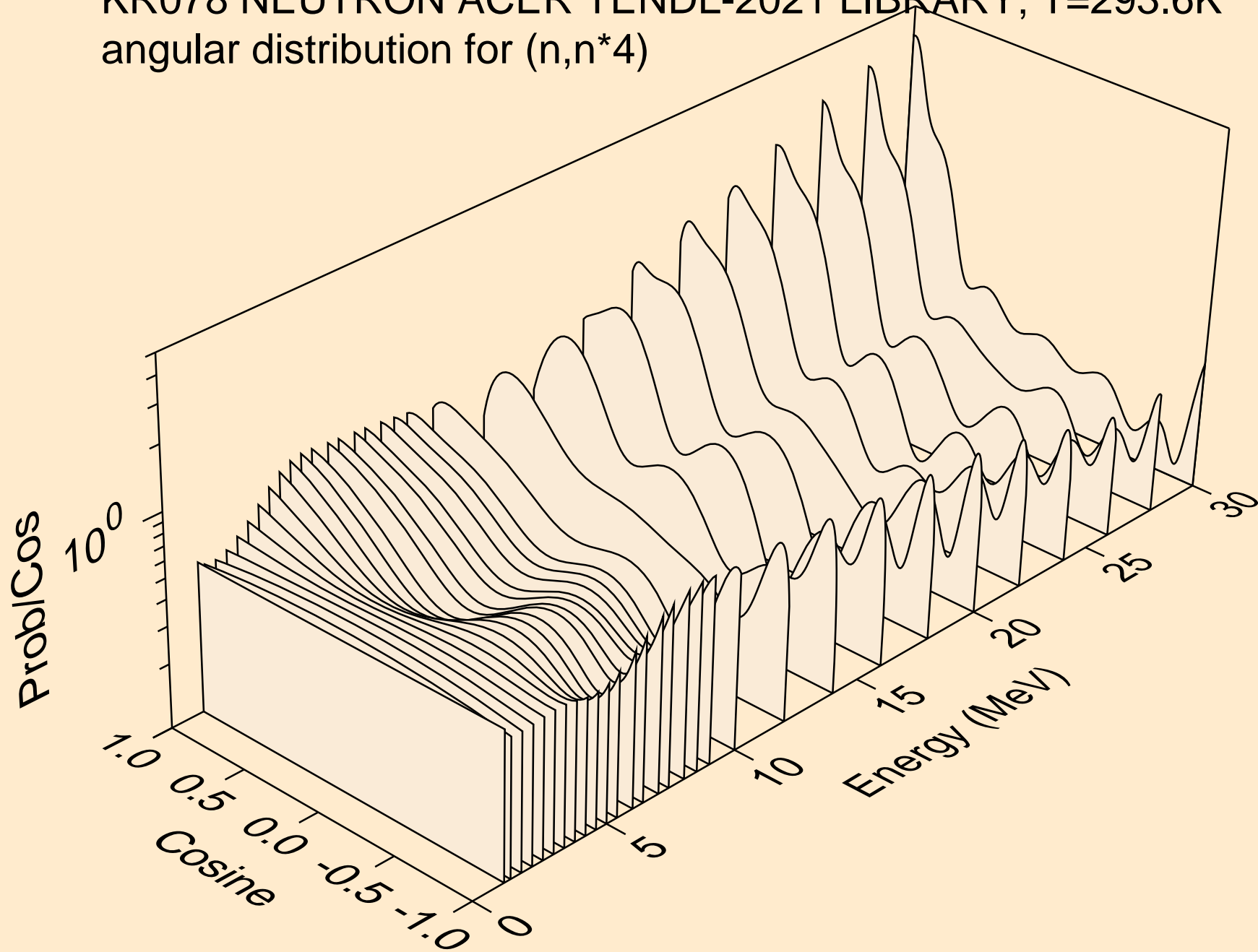


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angular distribution for (n,n\*3)

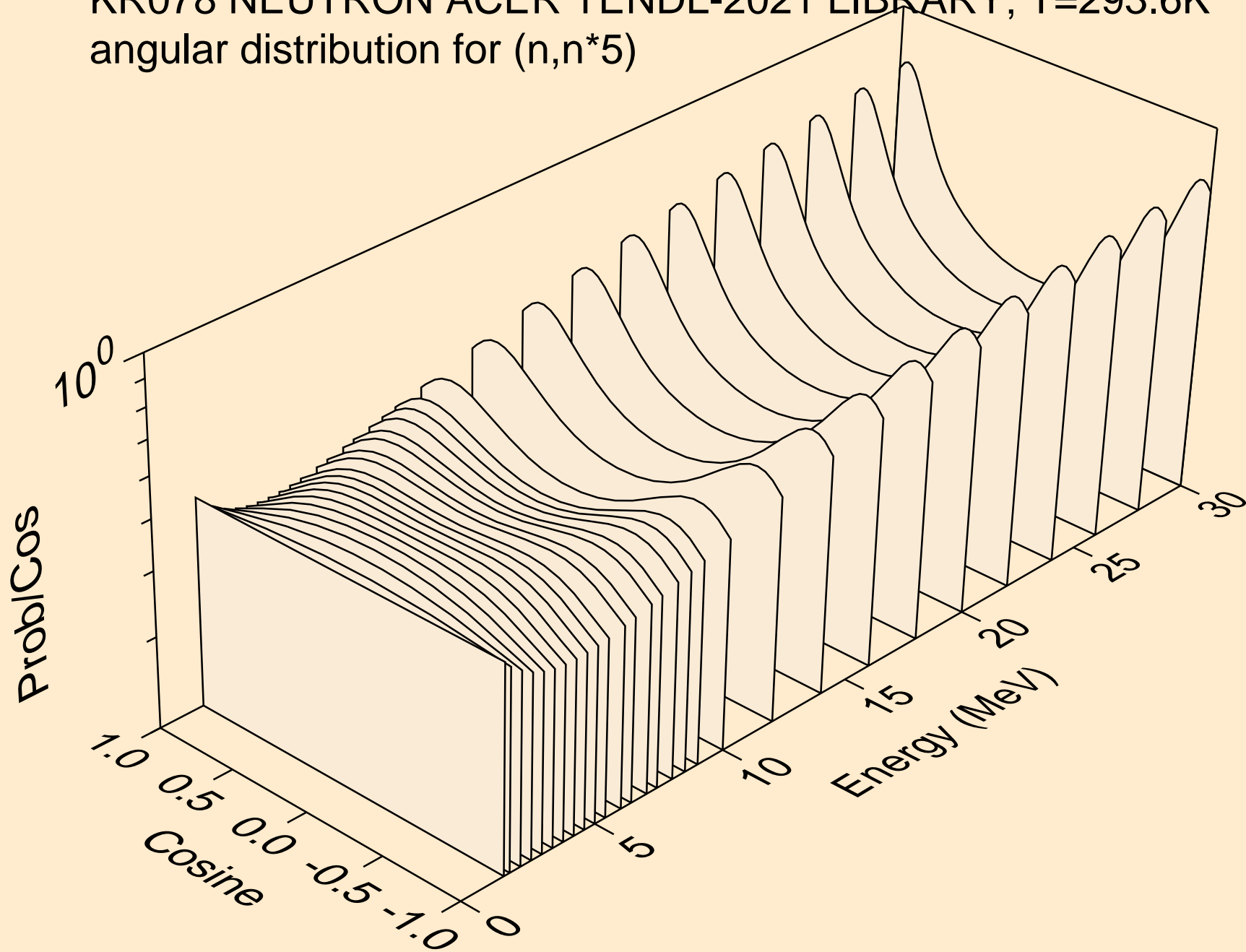




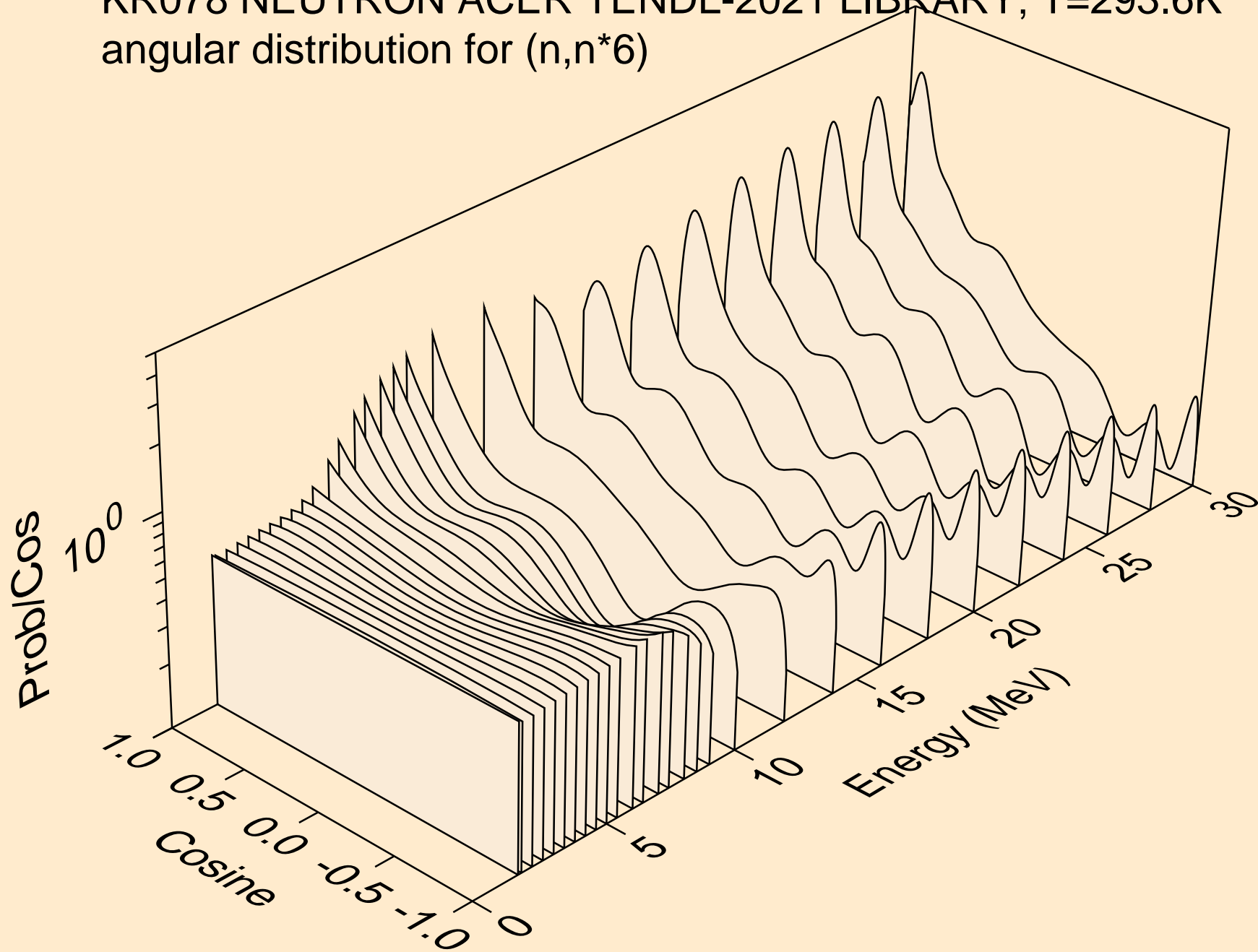
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angular distribution for (n,n\*4)



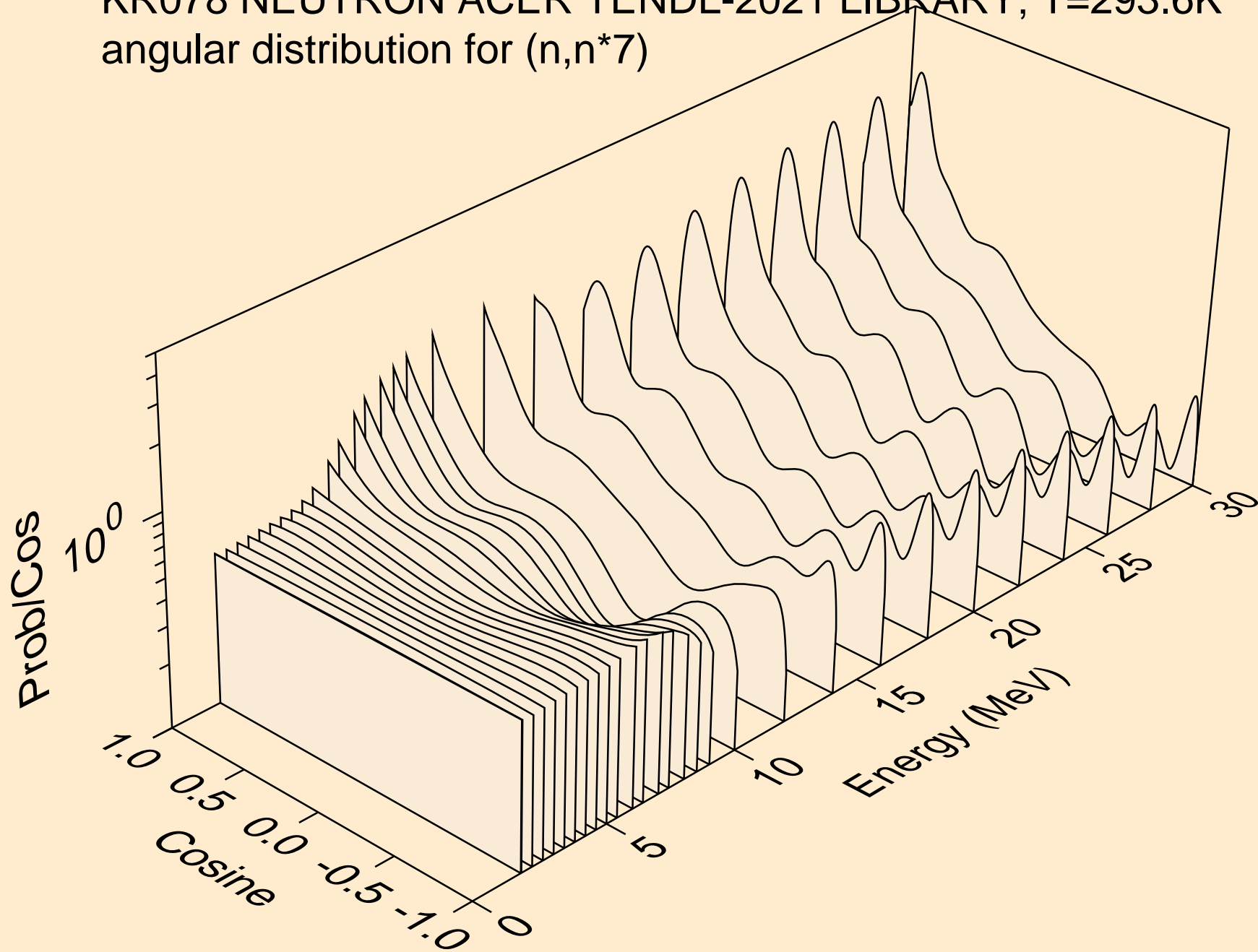
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angular distribution for (n,n\*5)



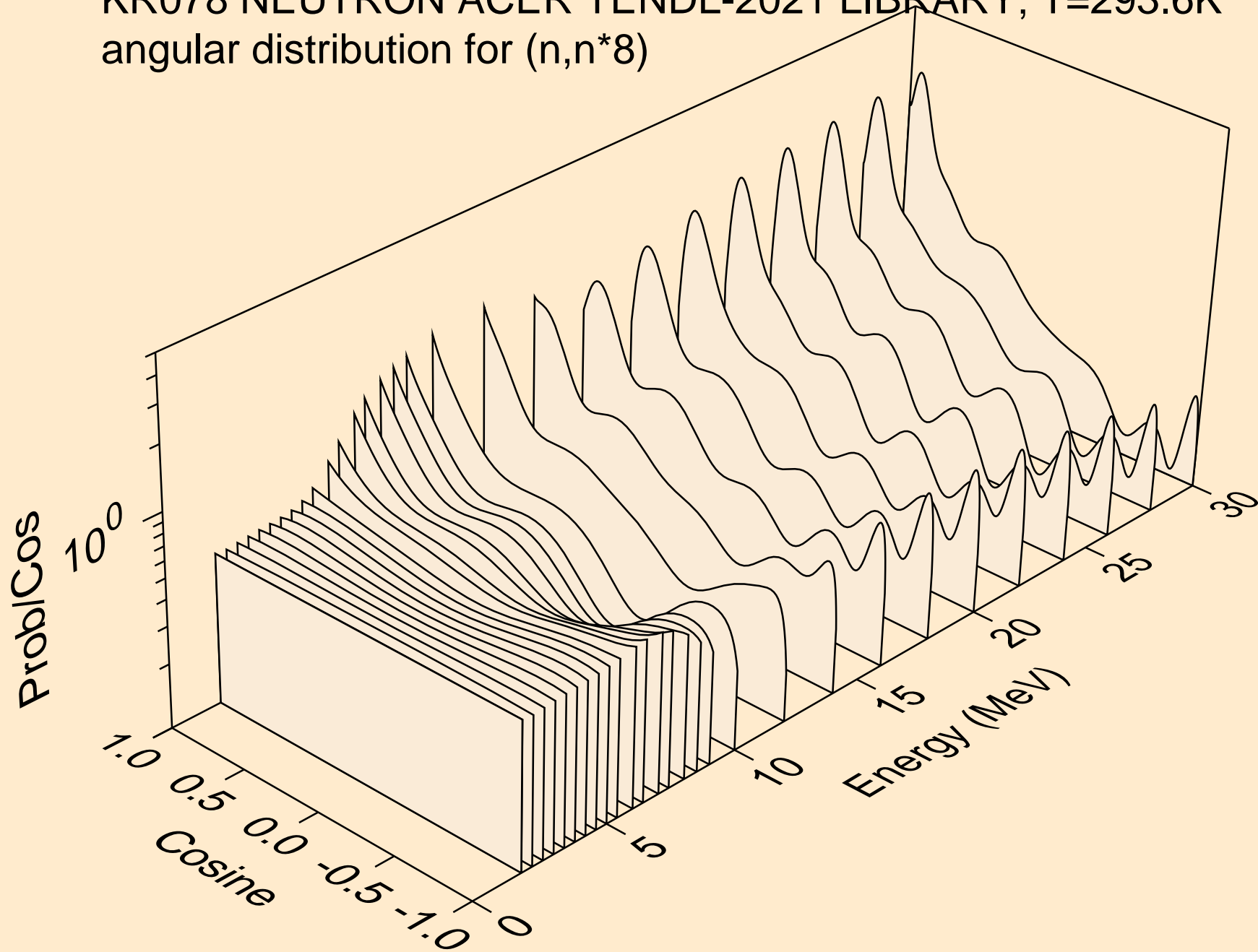
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angular distribution for (n,n\*6)



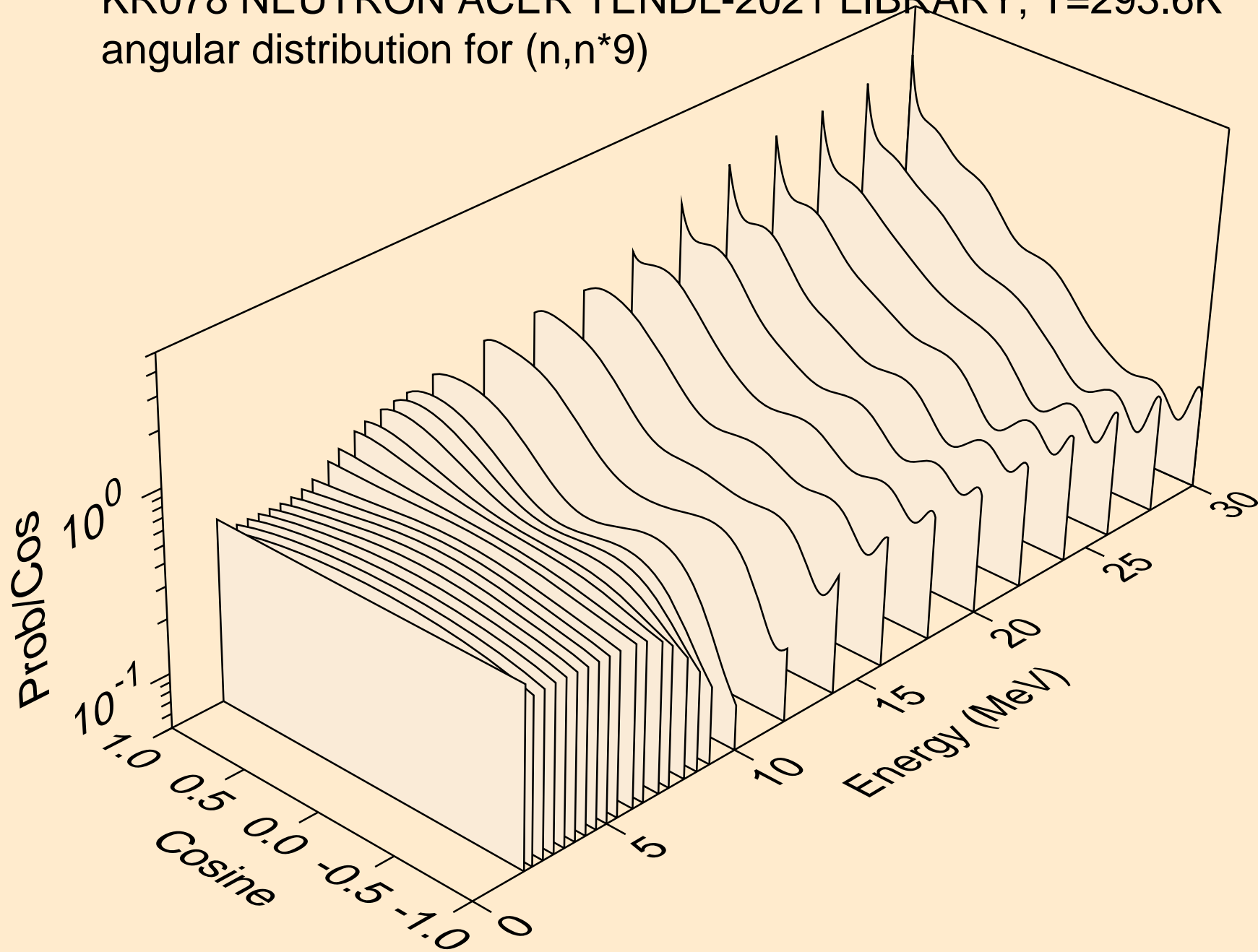
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angular distribution for (n,n\*7)



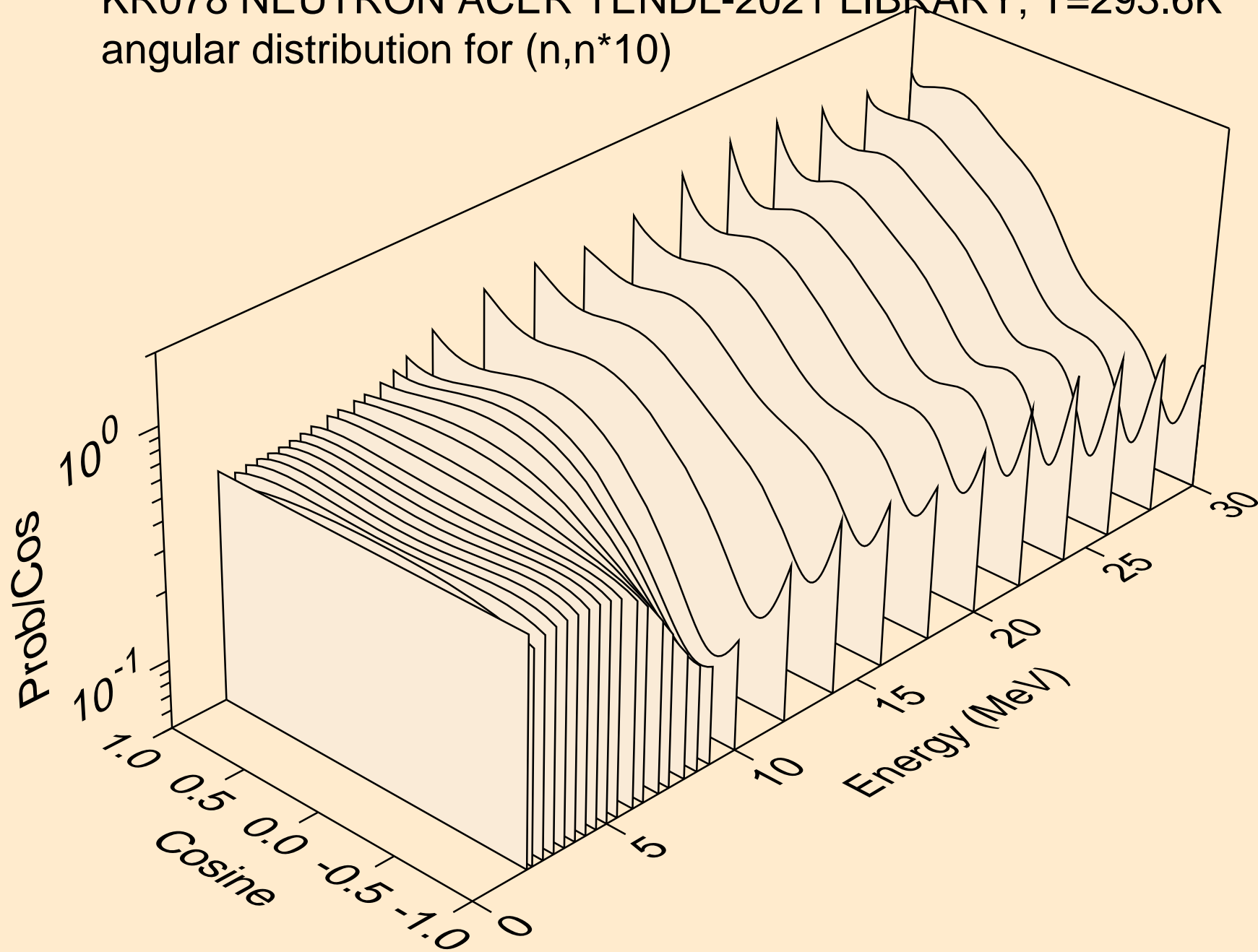
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angular distribution for (n,n\*8)



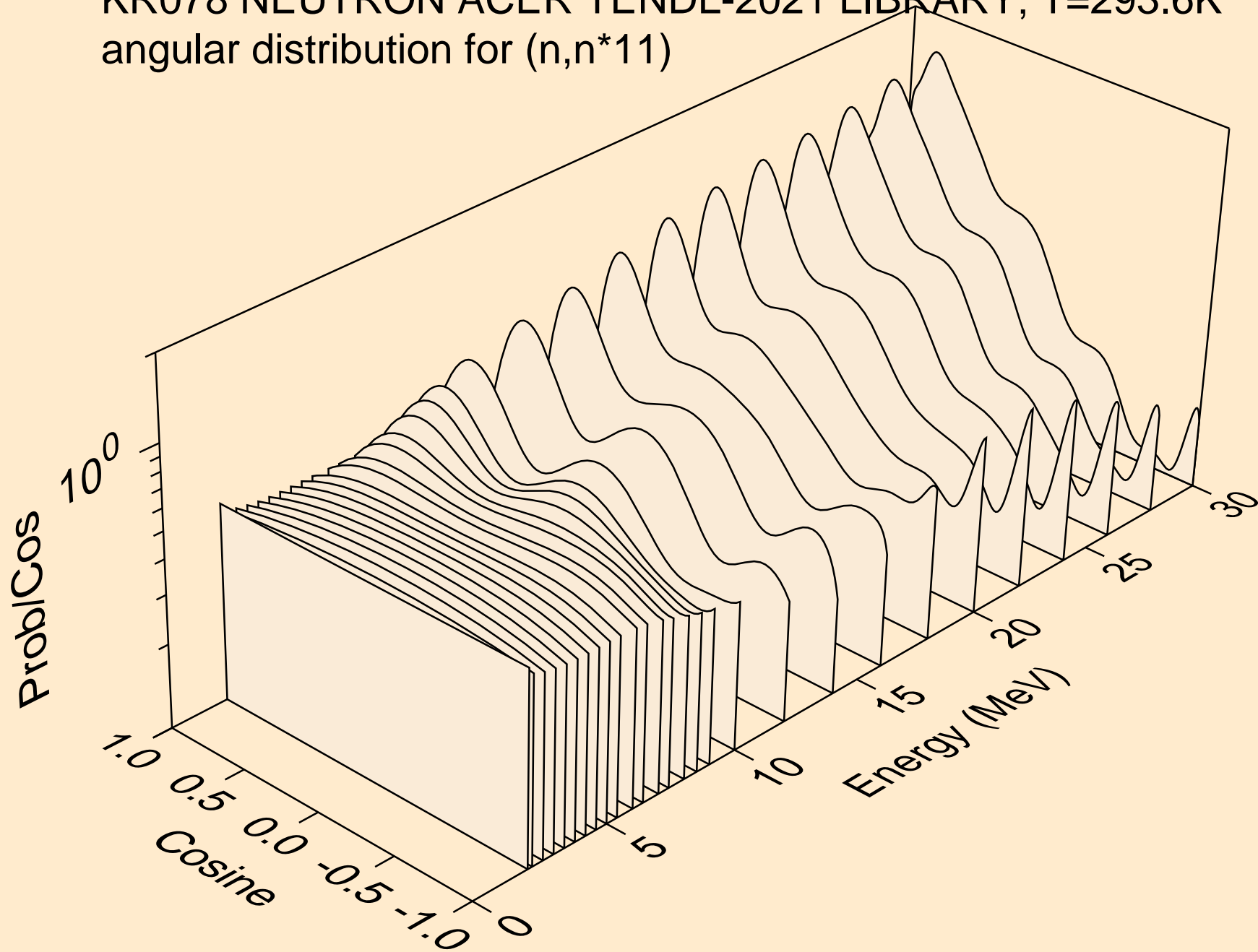
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

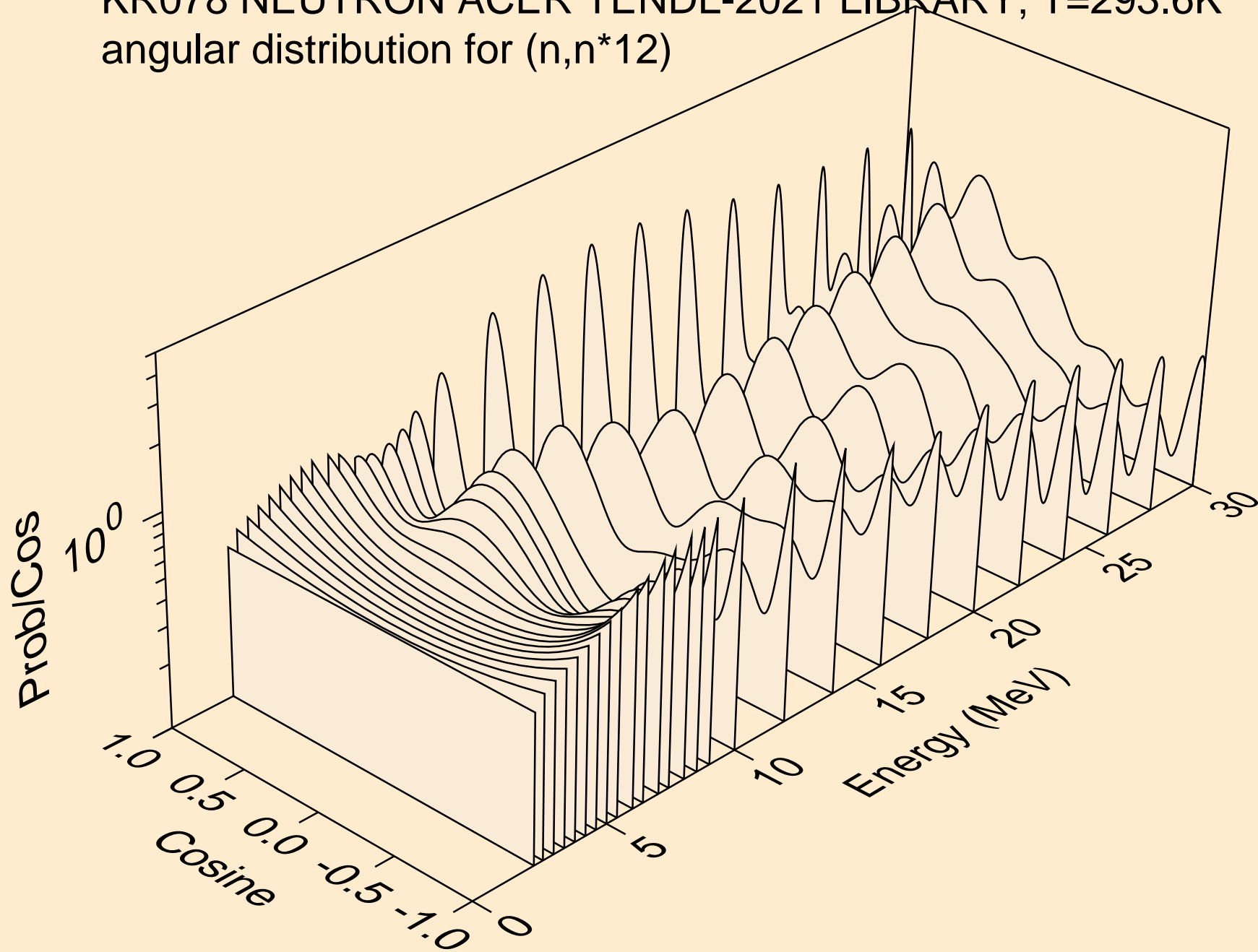


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

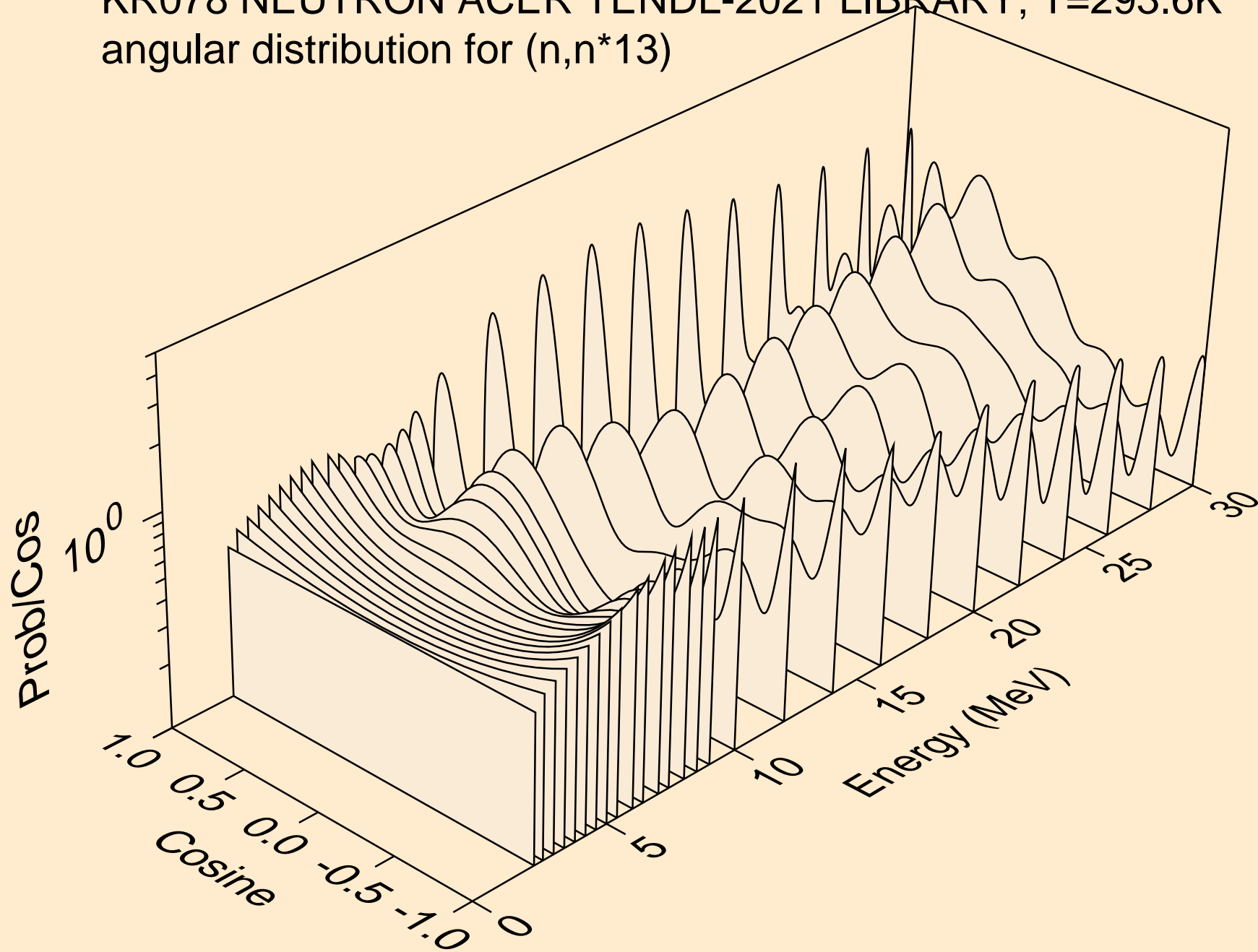




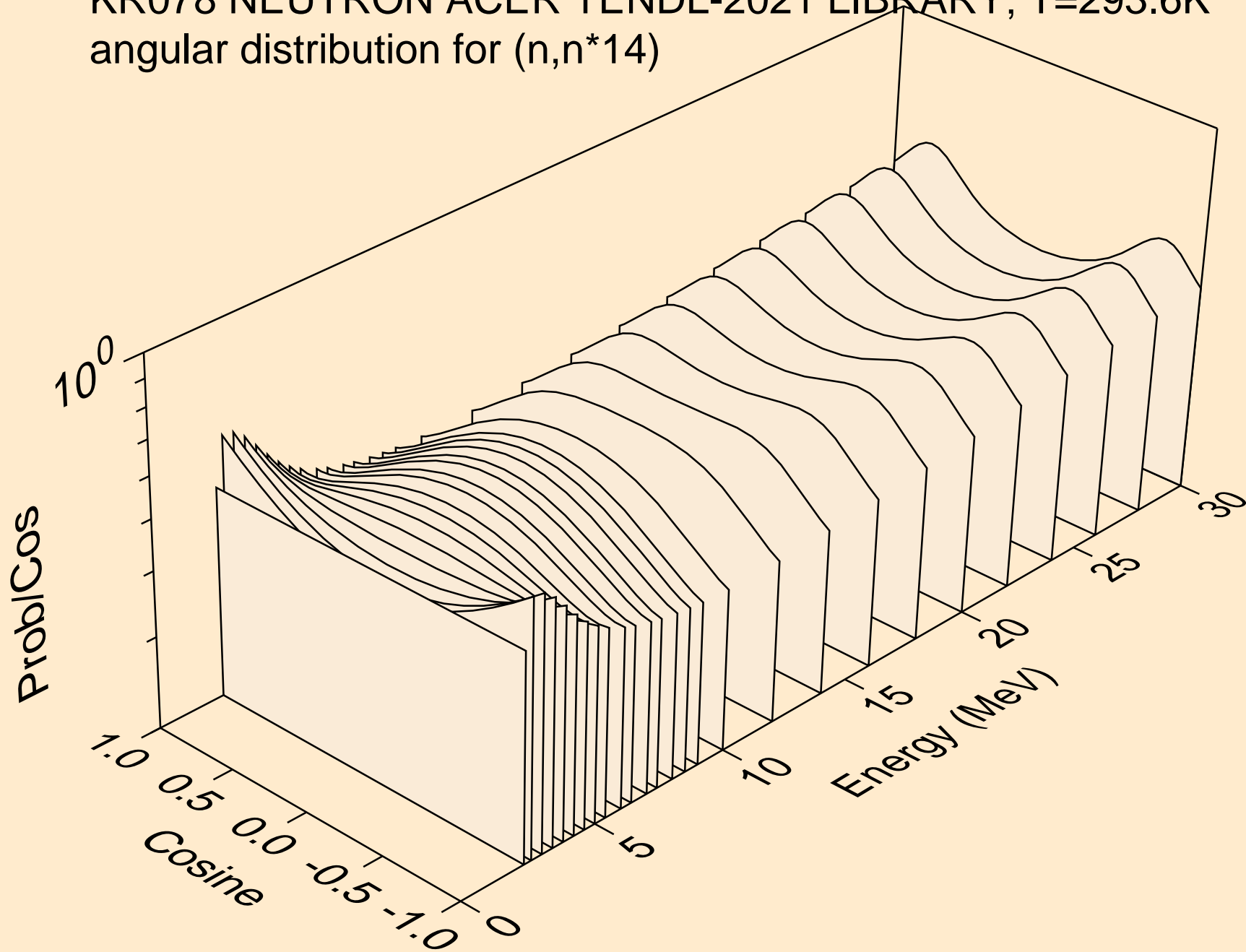
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angular distribution for (n,n\*12)



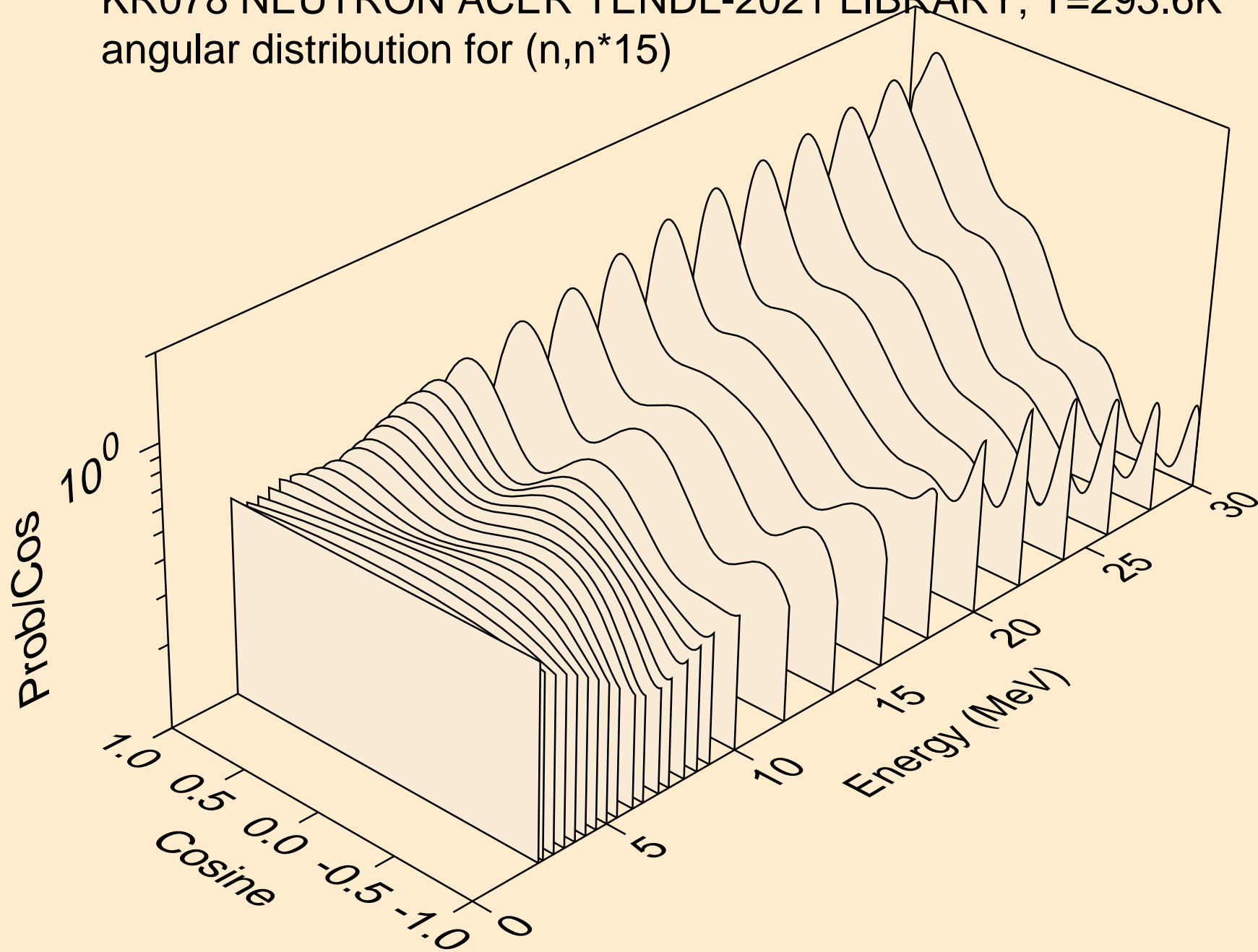
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angular distribution for (n,n\*13)



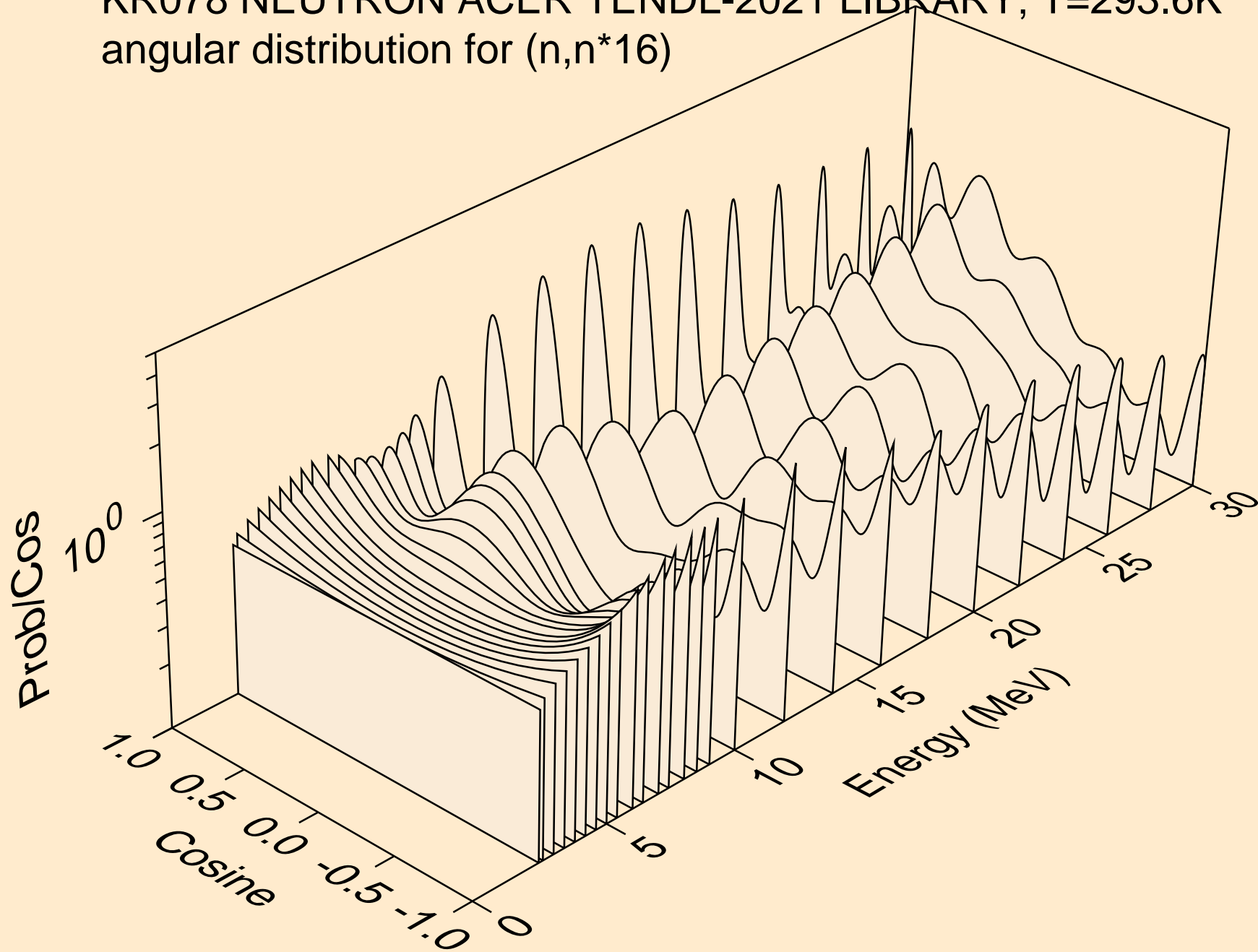
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angular distribution for (n,n\*14)



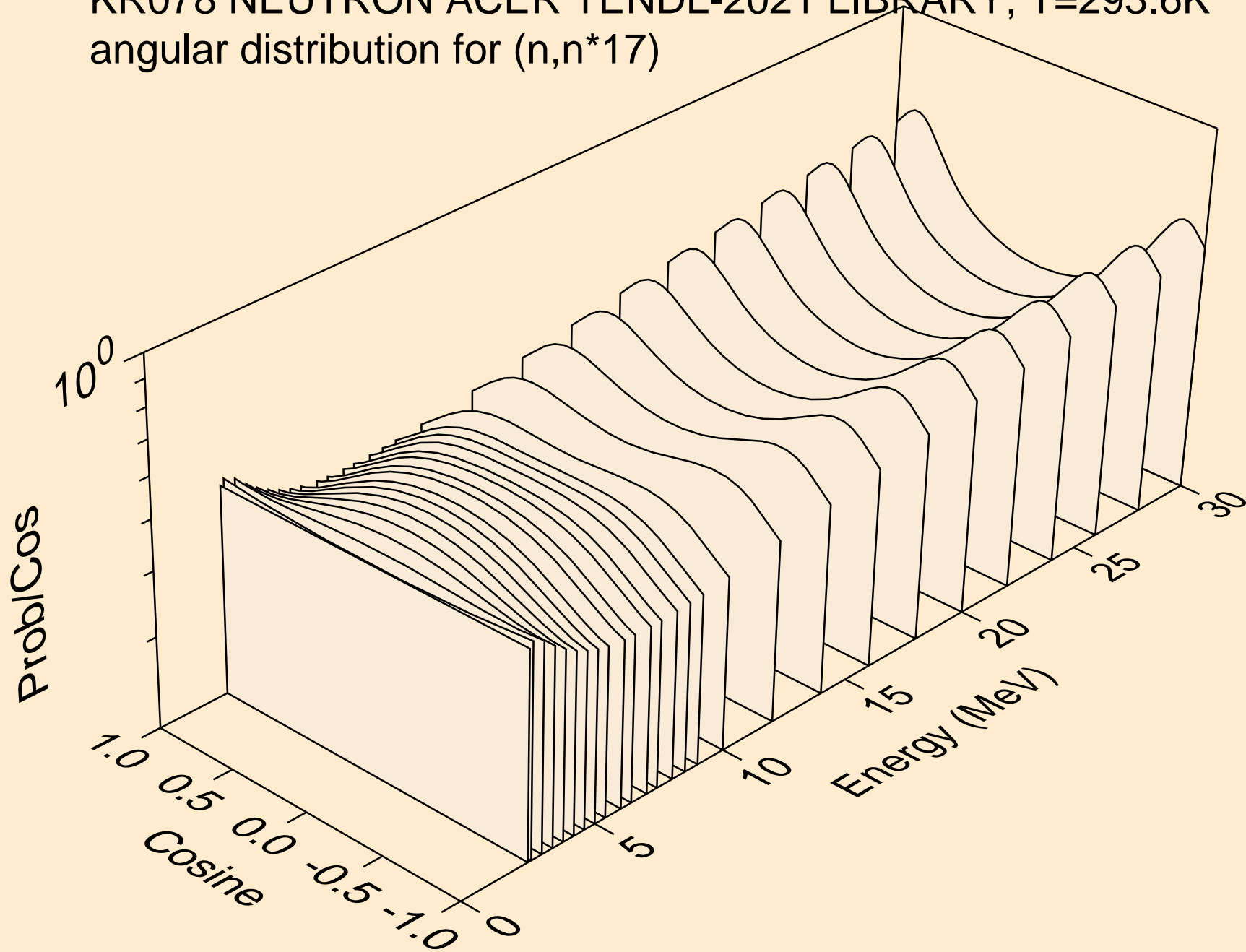
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angular distribution for (n,n\*15)



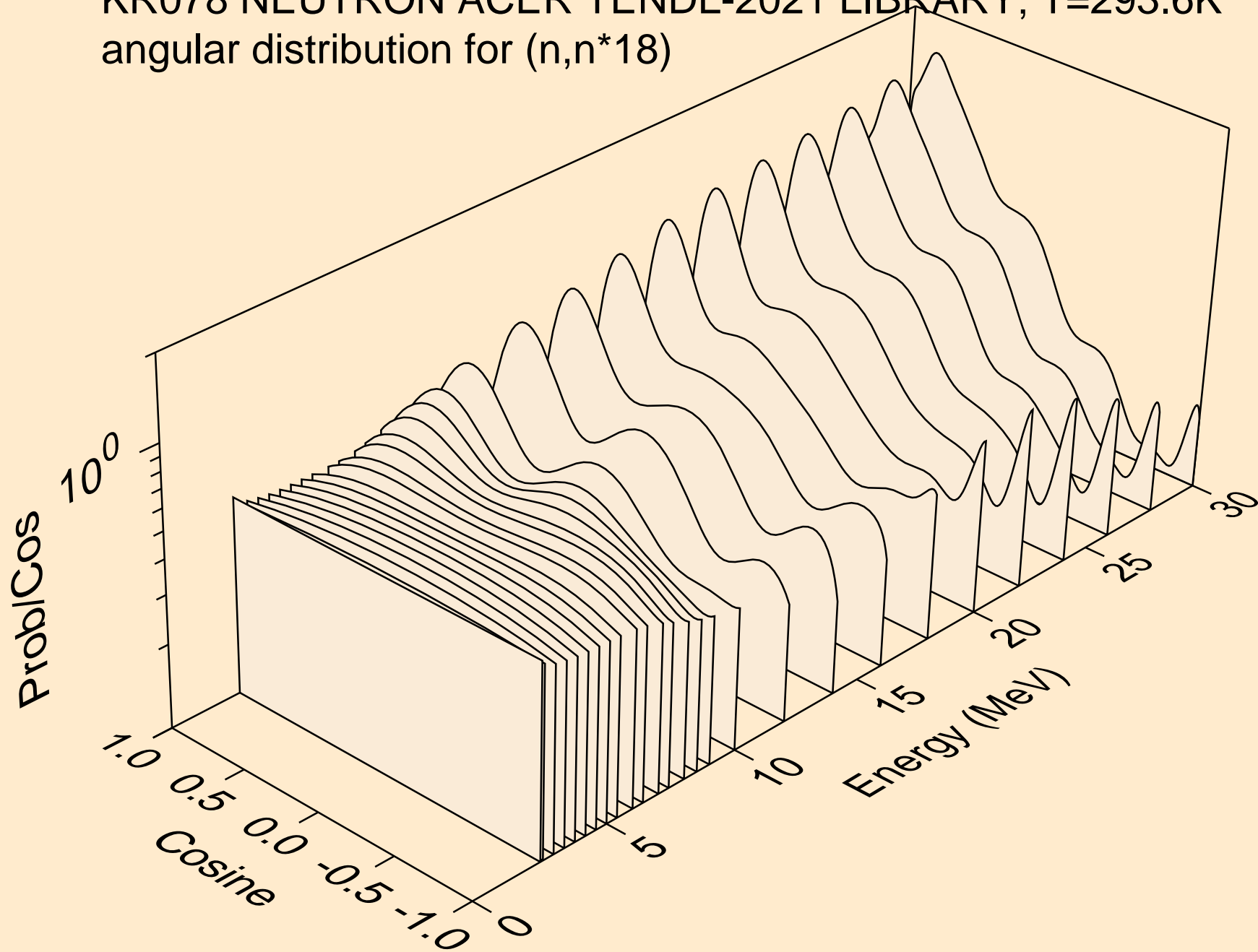
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angular distribution for (n,n\*16)



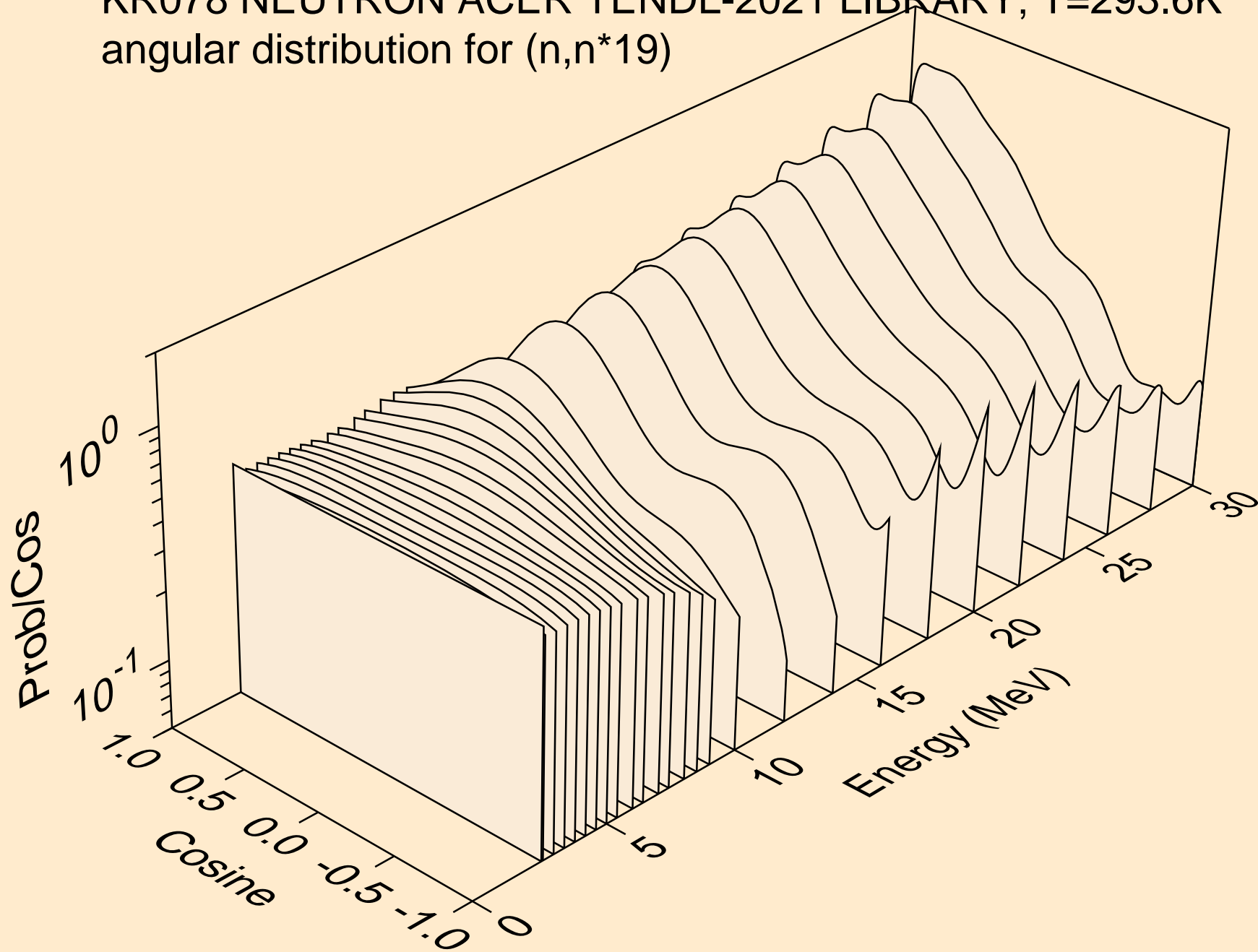
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

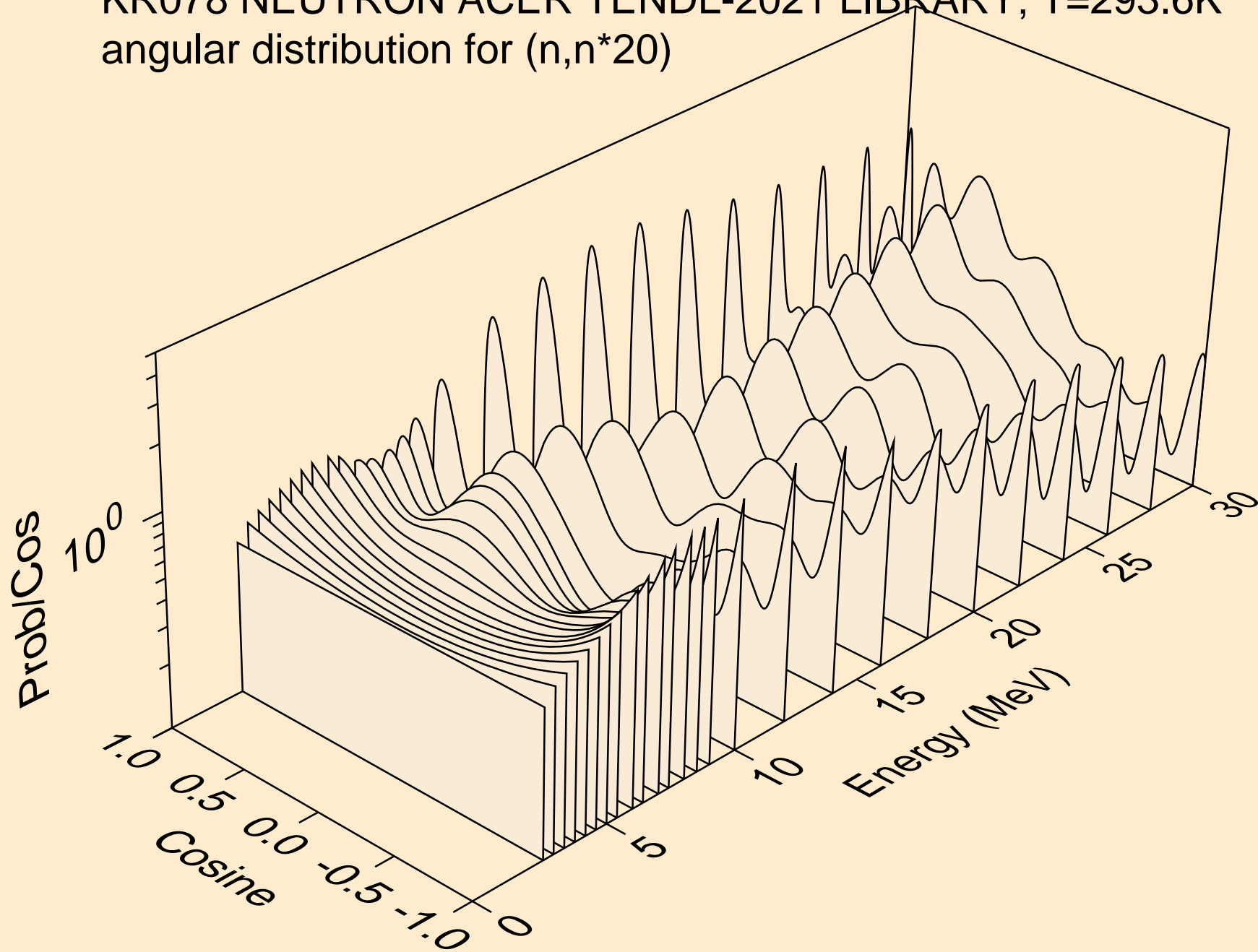


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

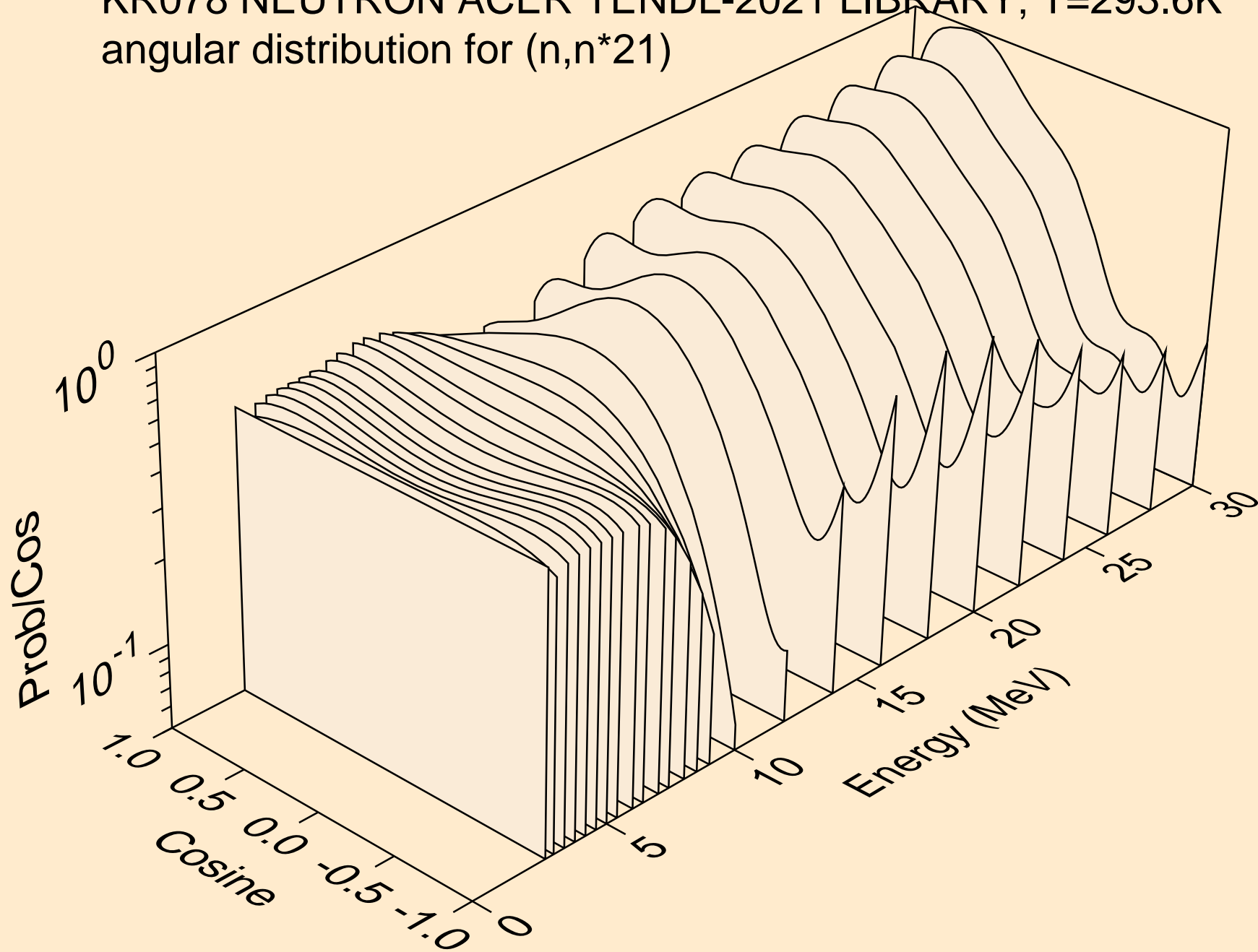




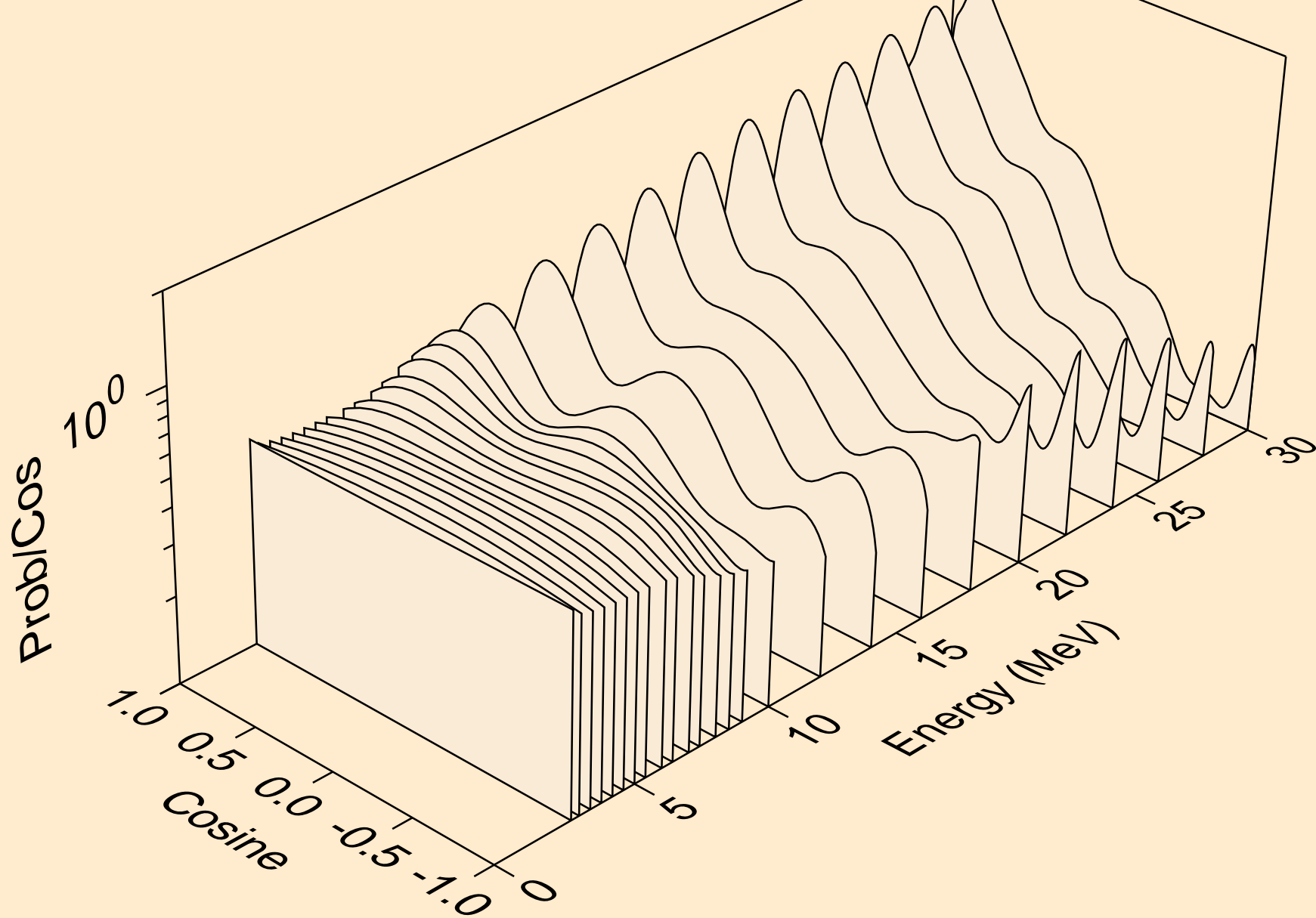
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angular distribution for (n,n\*20)



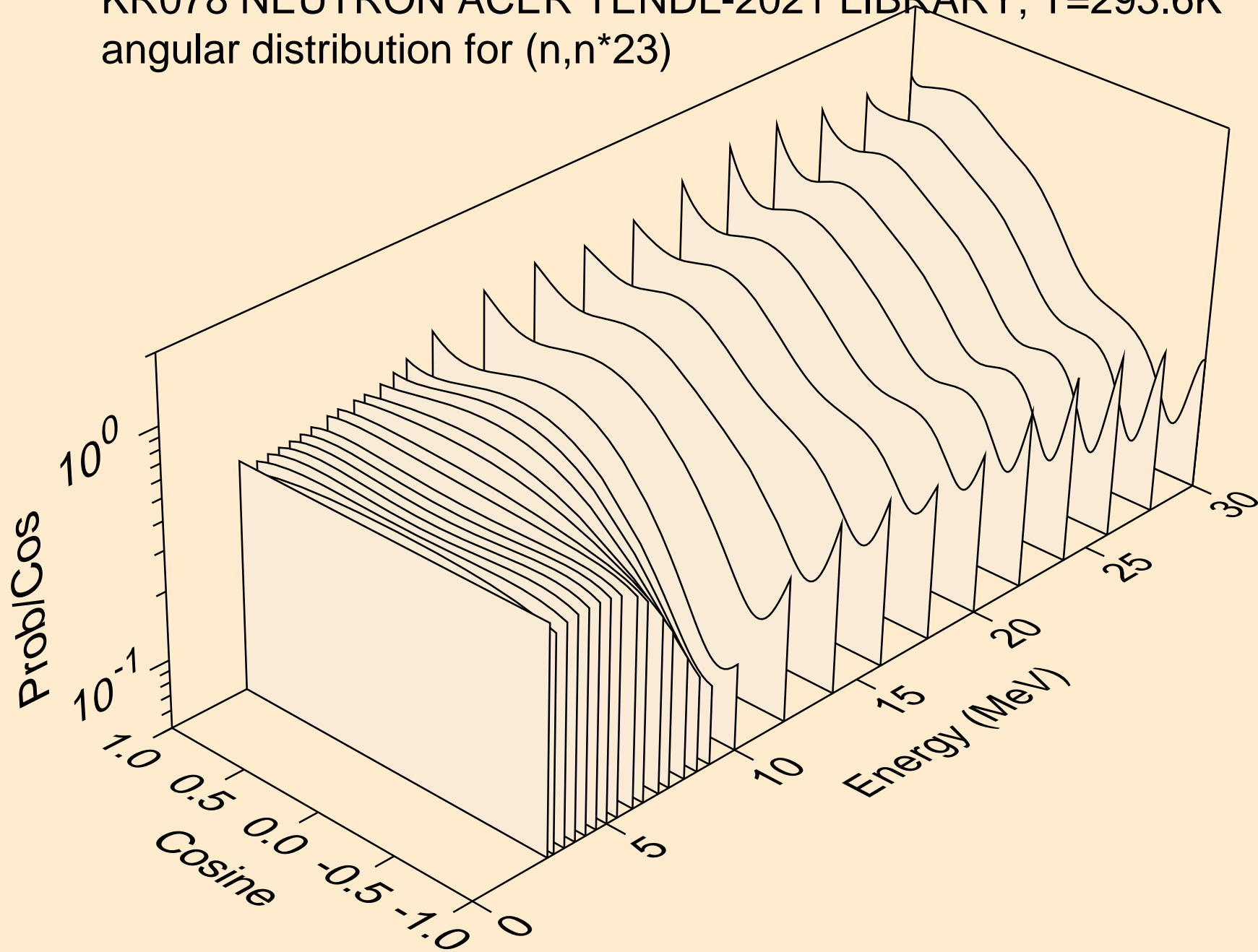
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angular distribution for (n,n\*21)



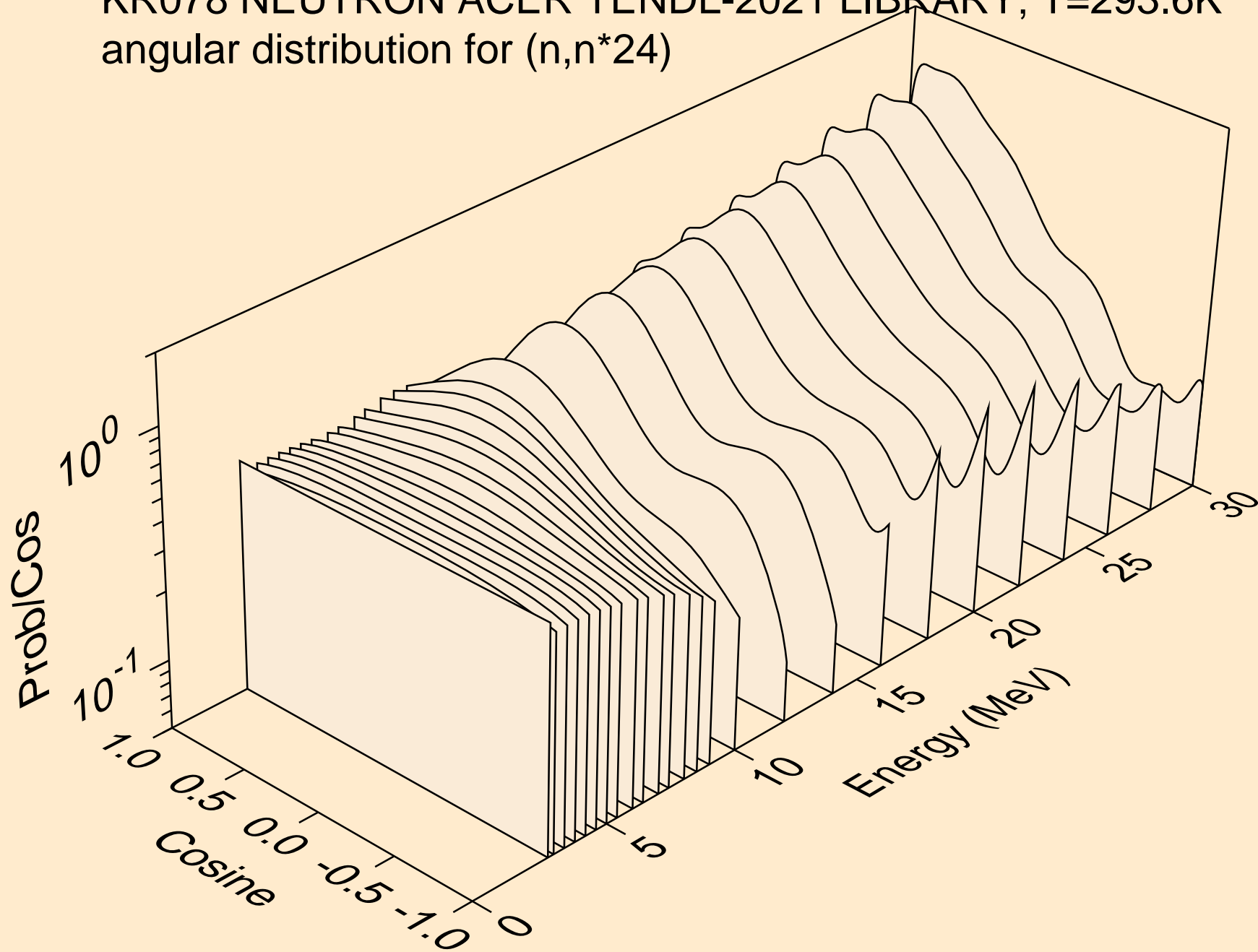
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angular distribution for (n,n\*22)



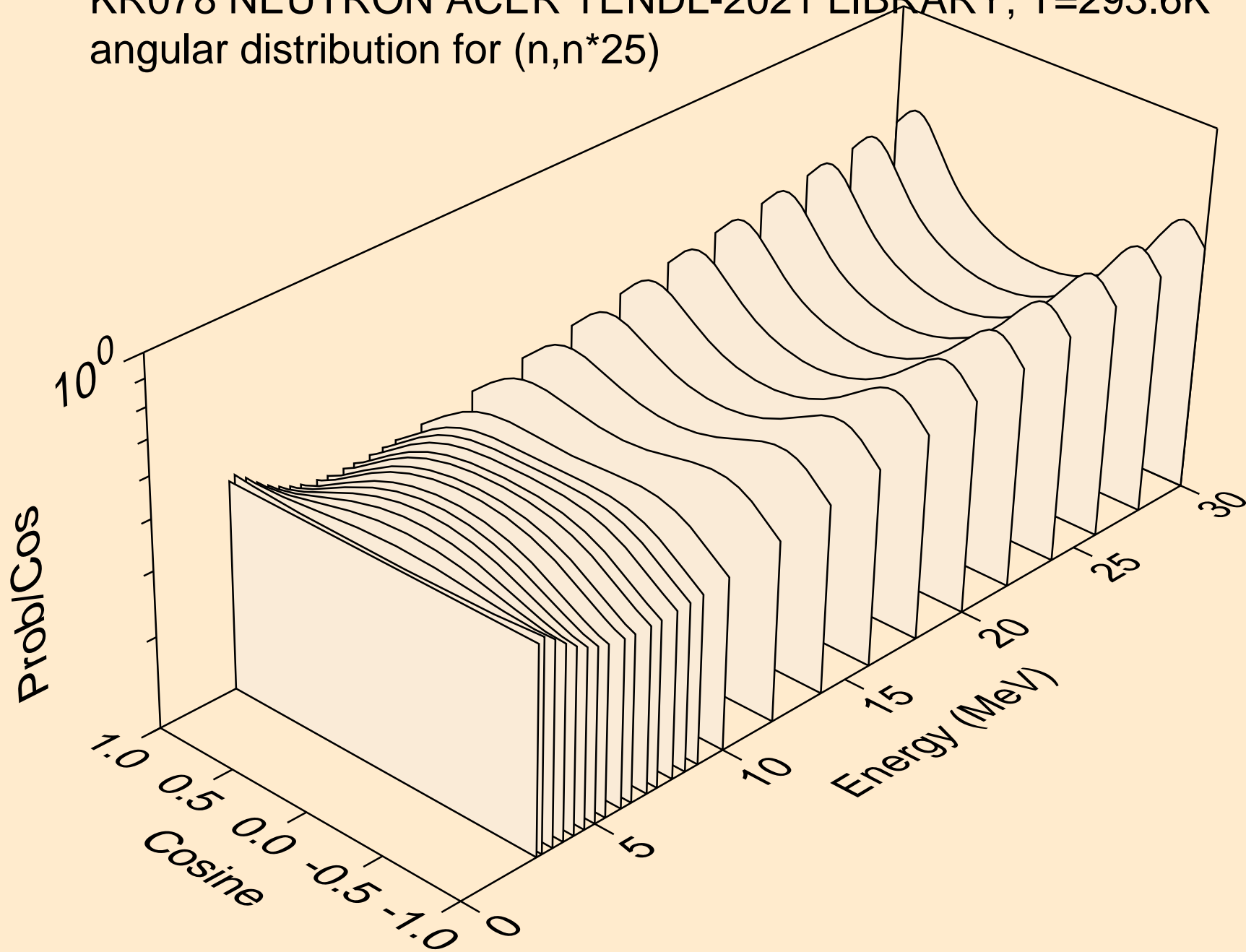
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angular distribution for (n,n\*23)



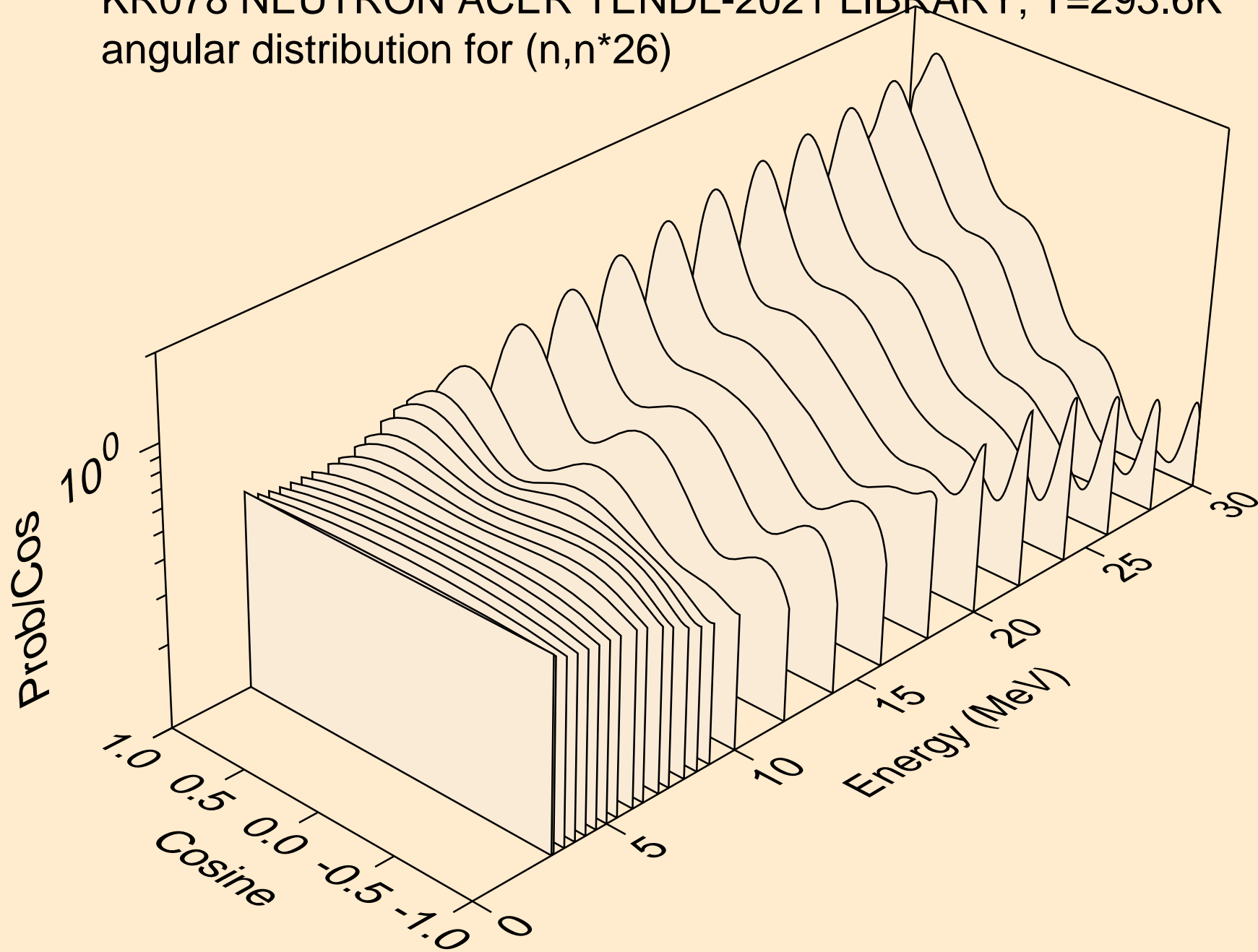
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angular distribution for (n,n\*24)



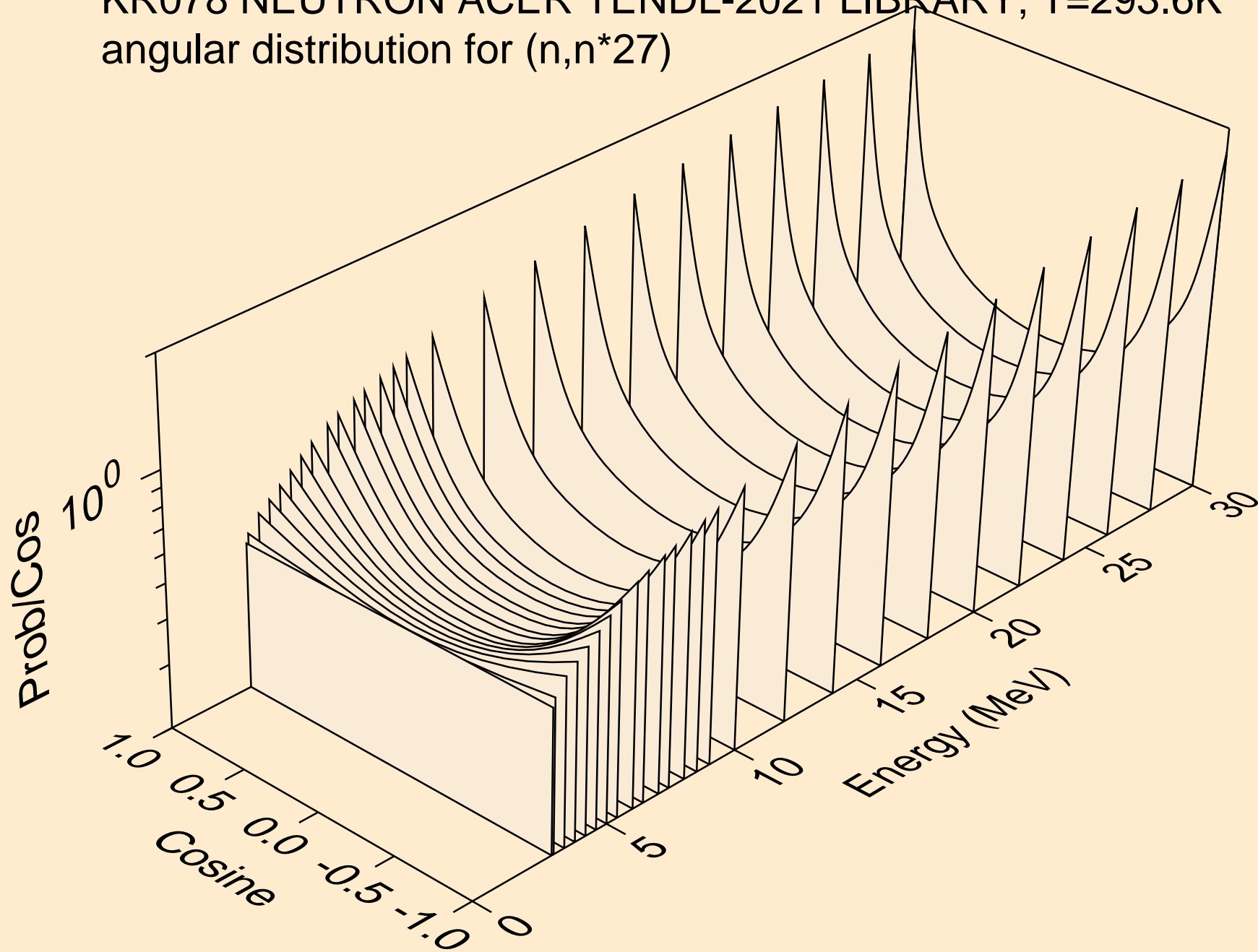
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

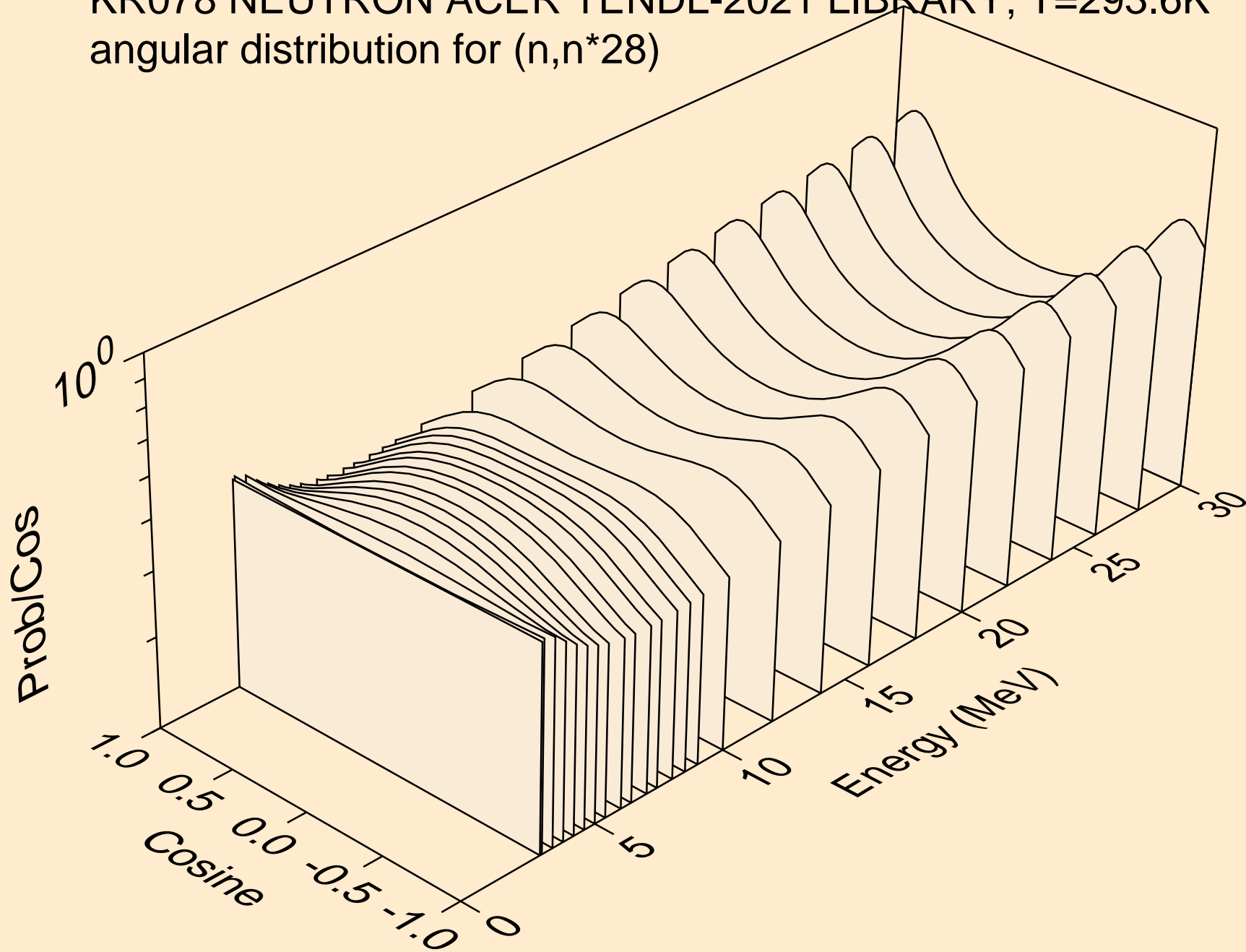


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

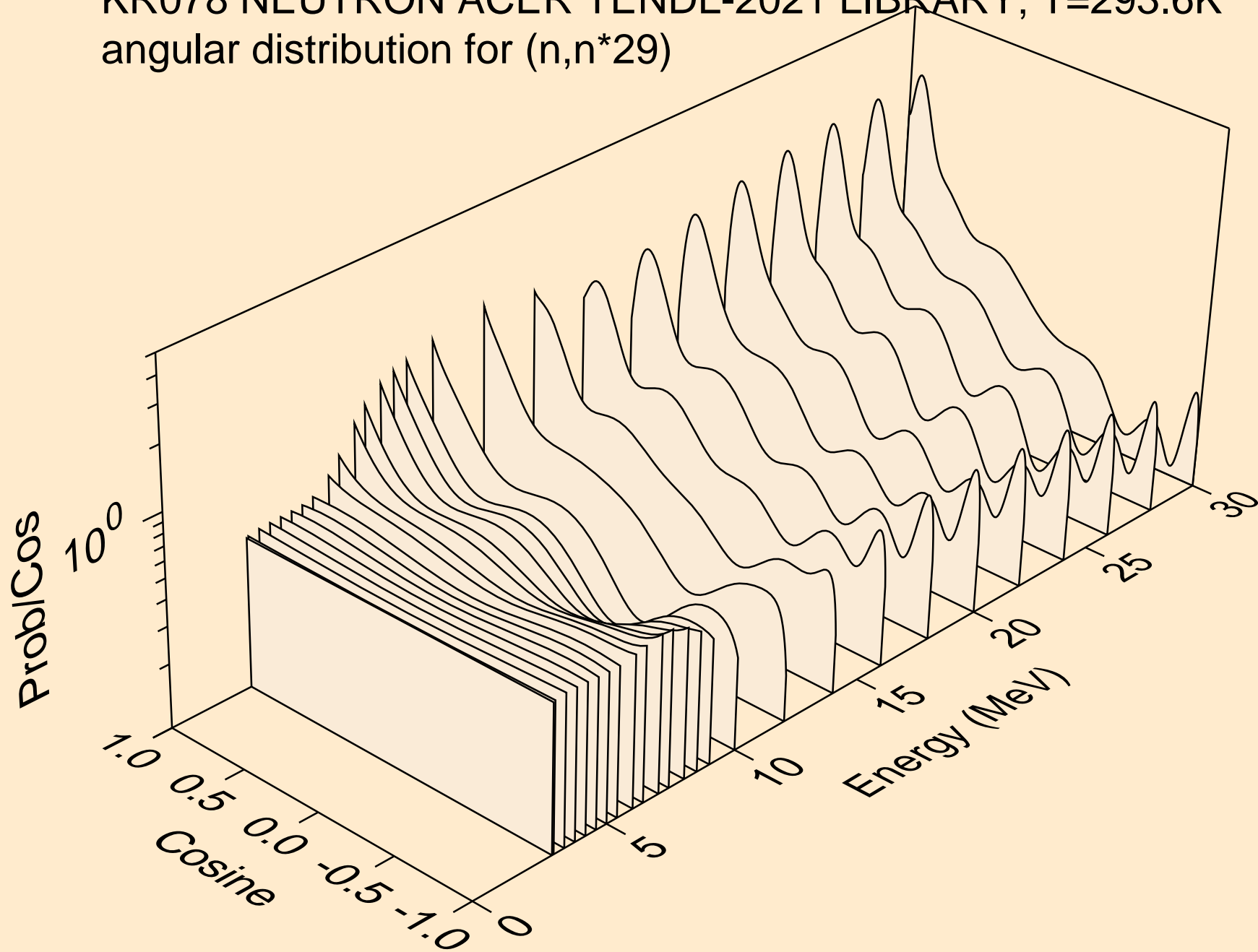




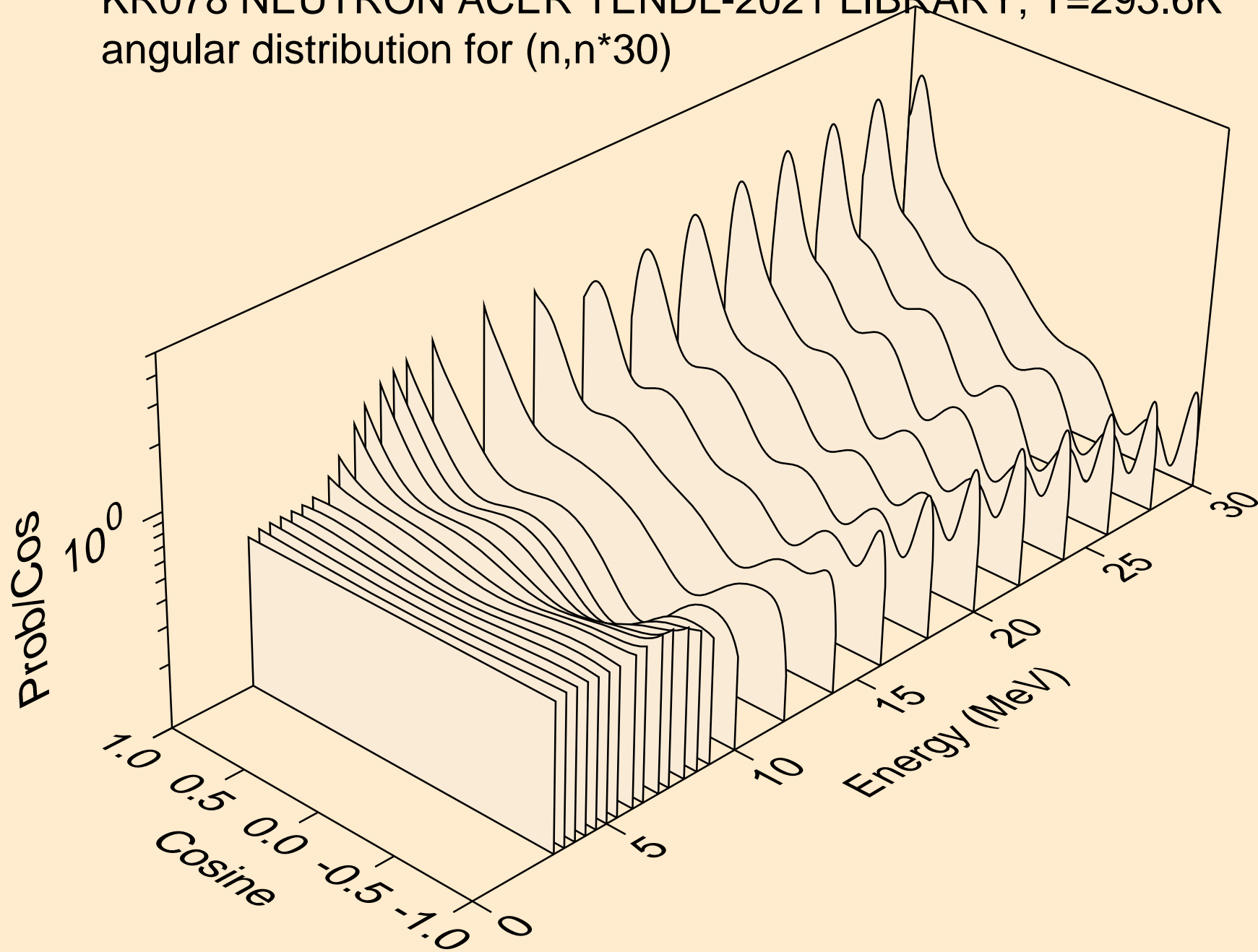
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angular distribution for (n,n\*28)



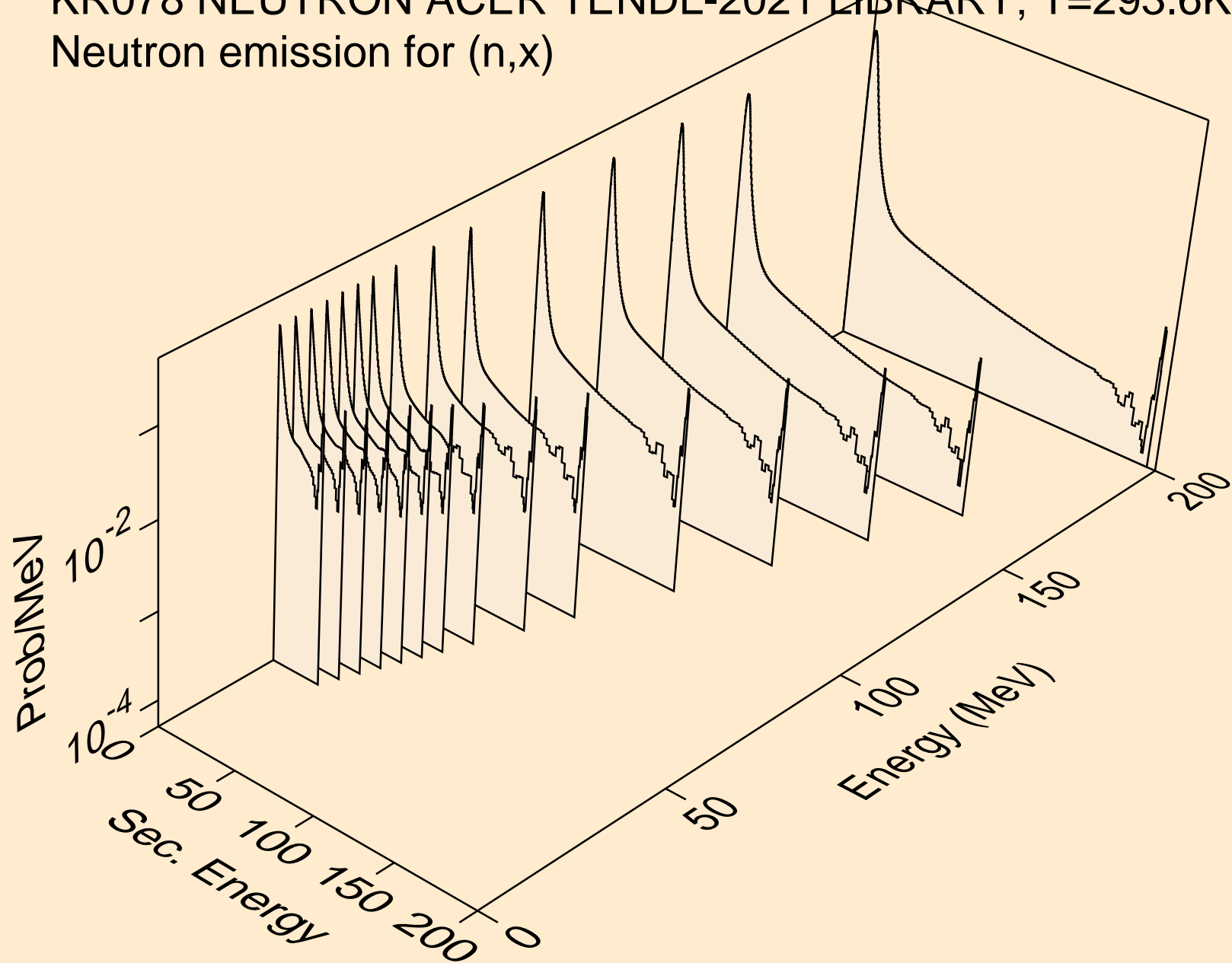
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angular distribution for (n,n\*29)



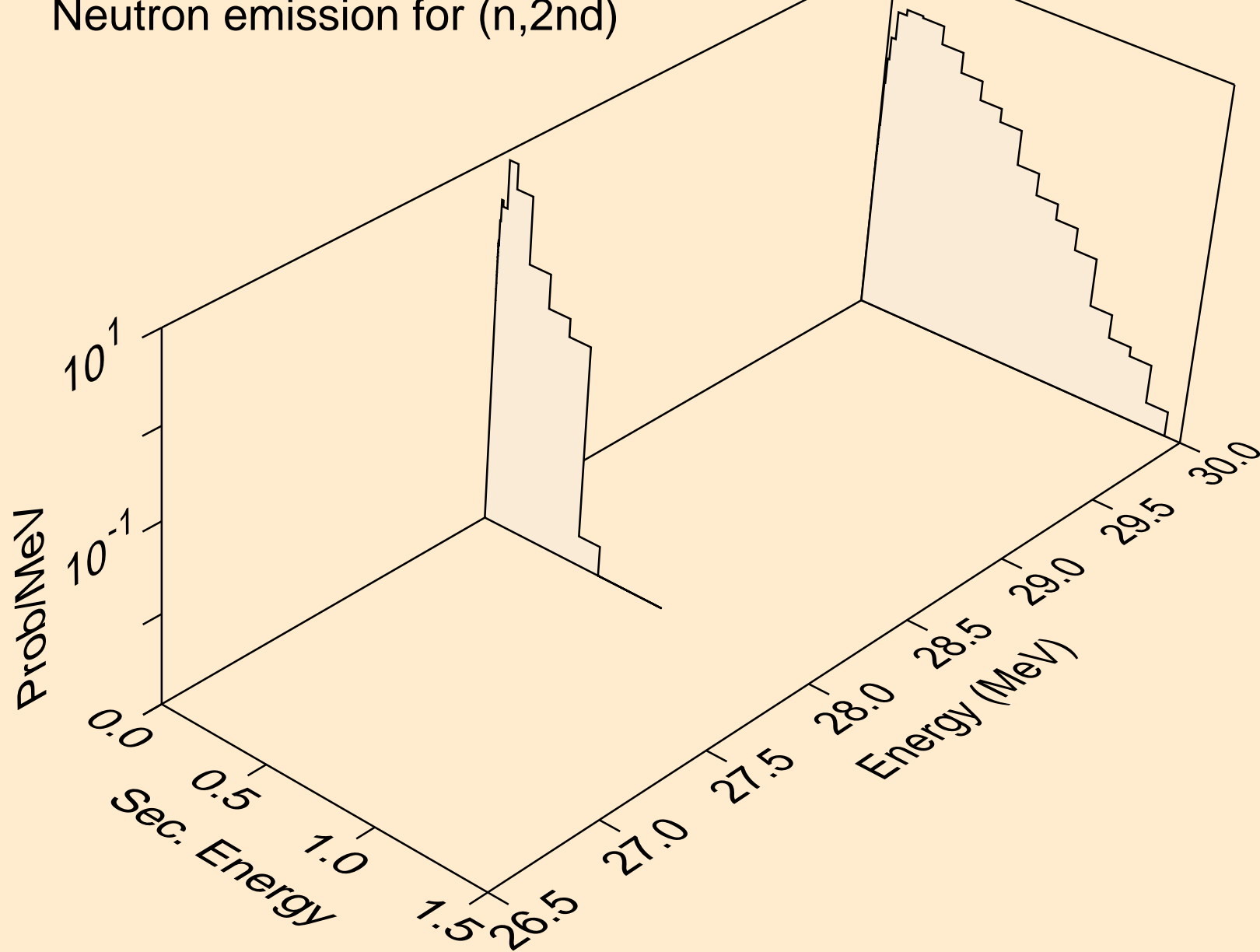
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angular distribution for (n,n\*30)



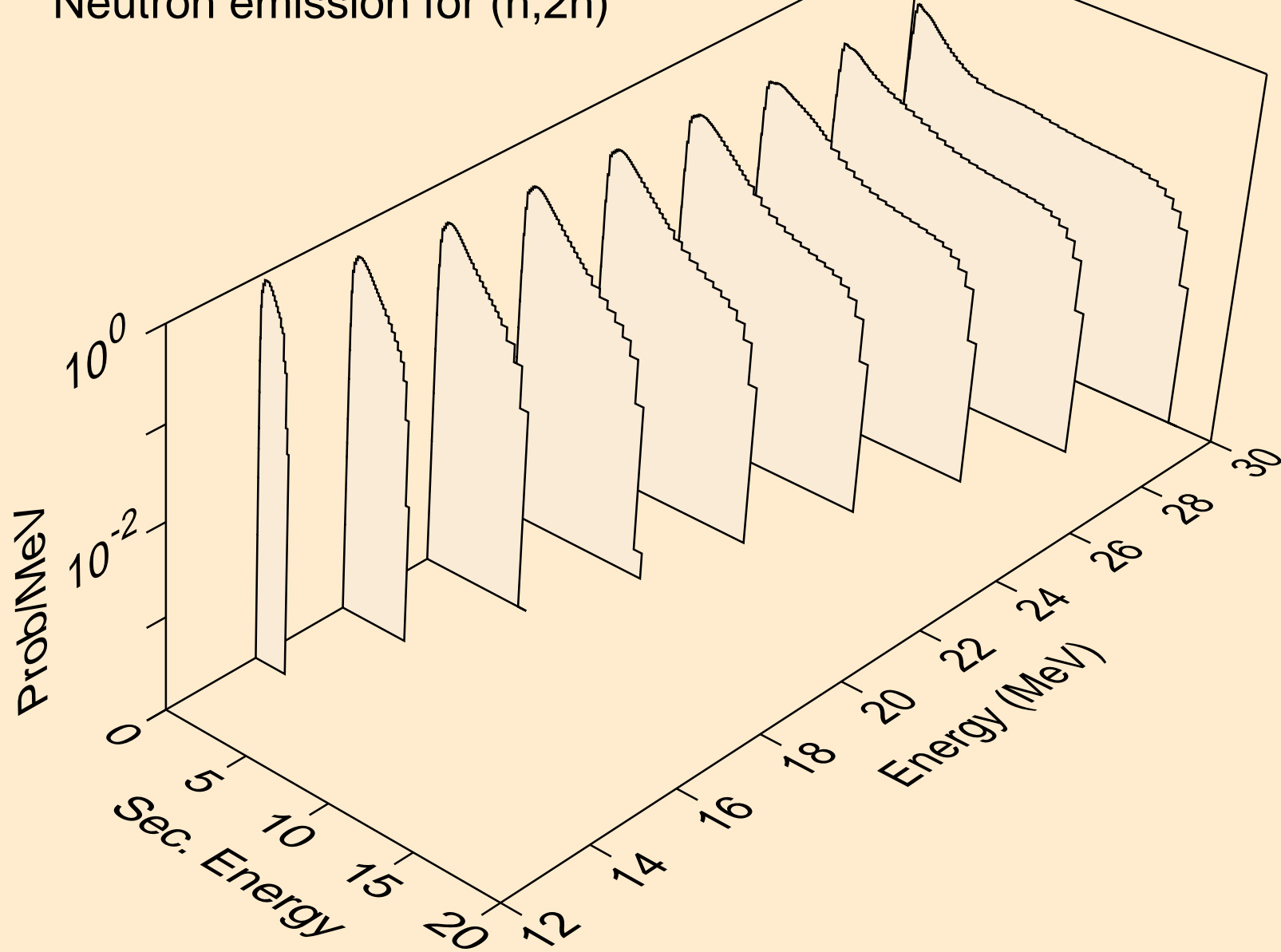
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



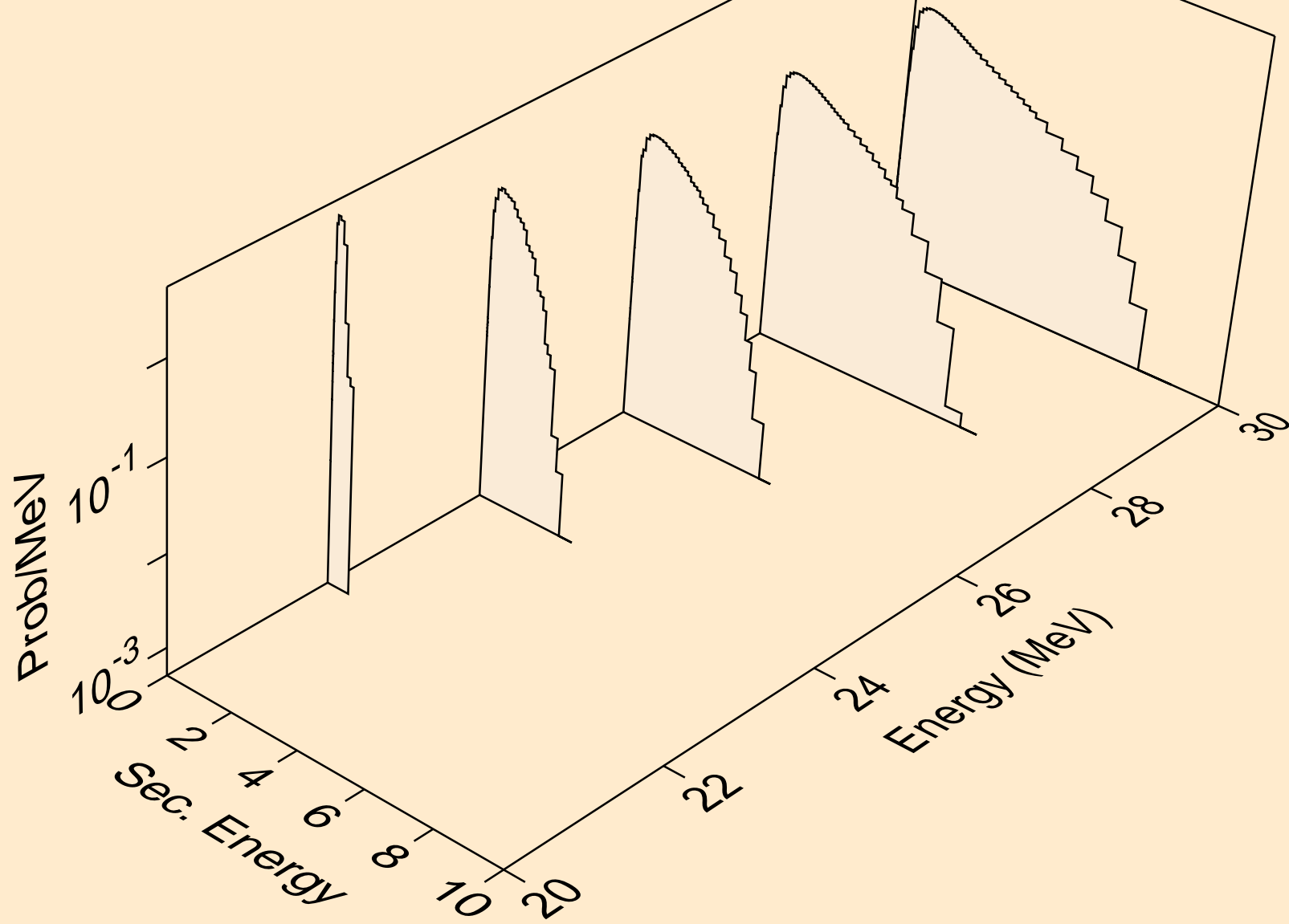
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



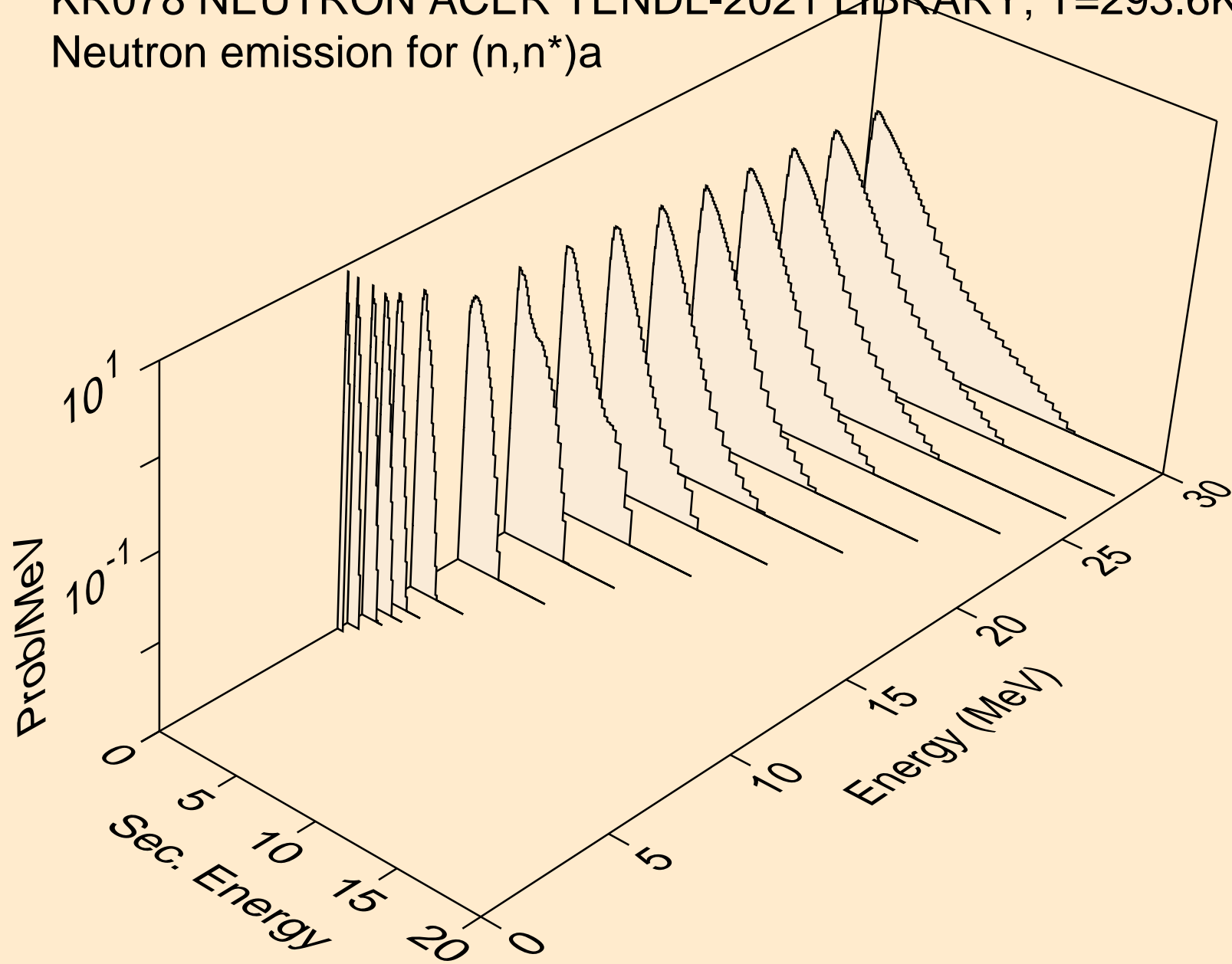
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

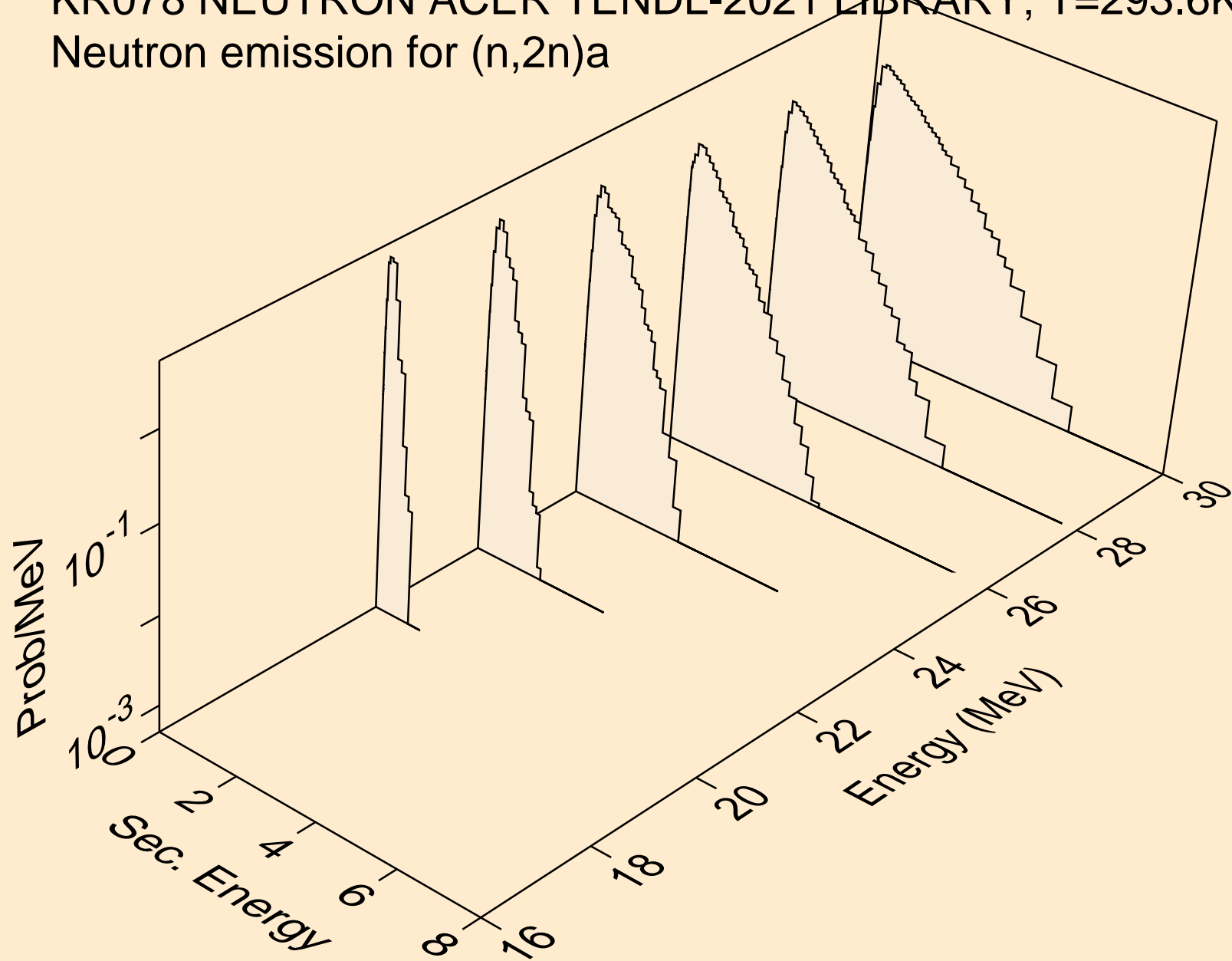


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

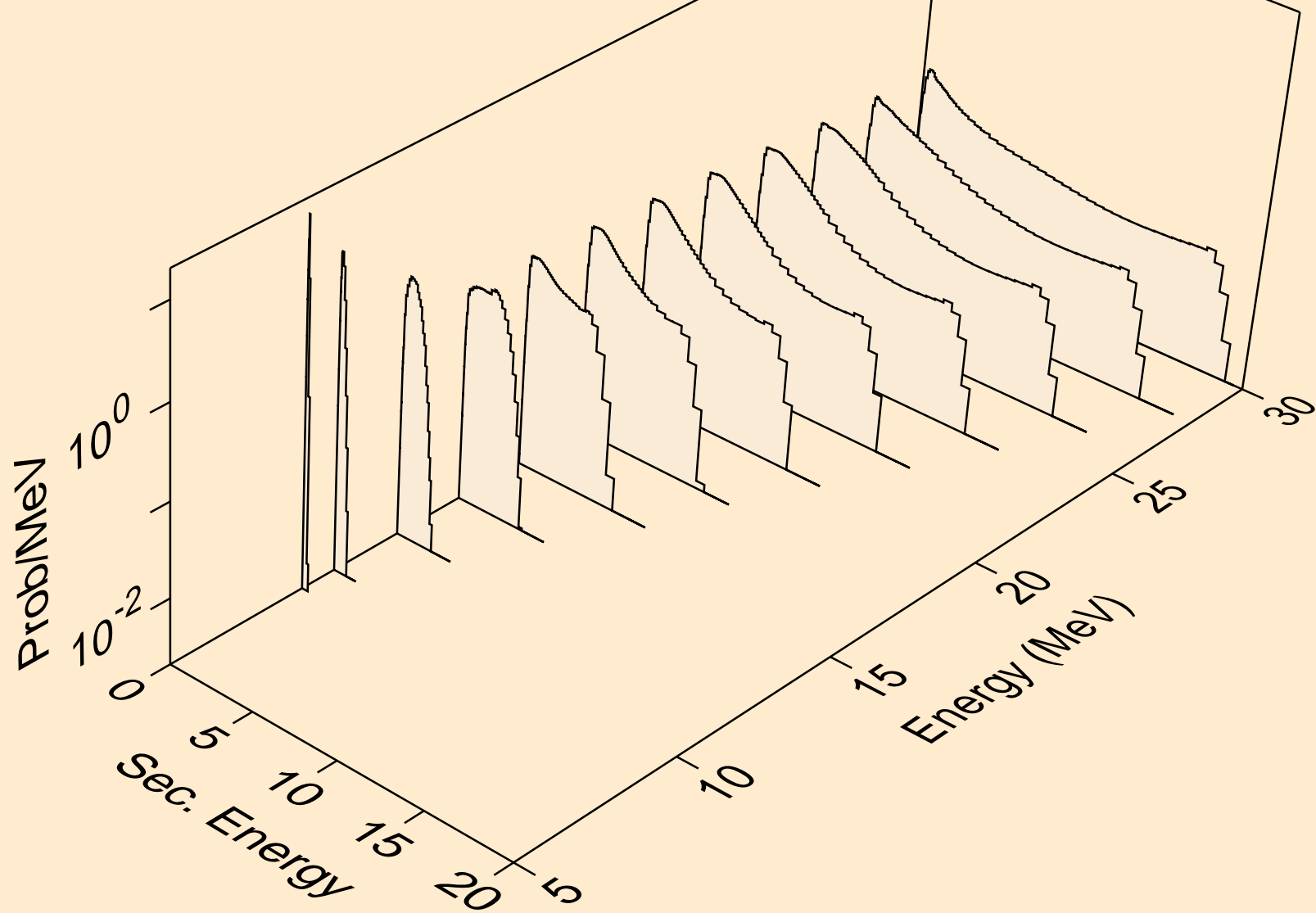




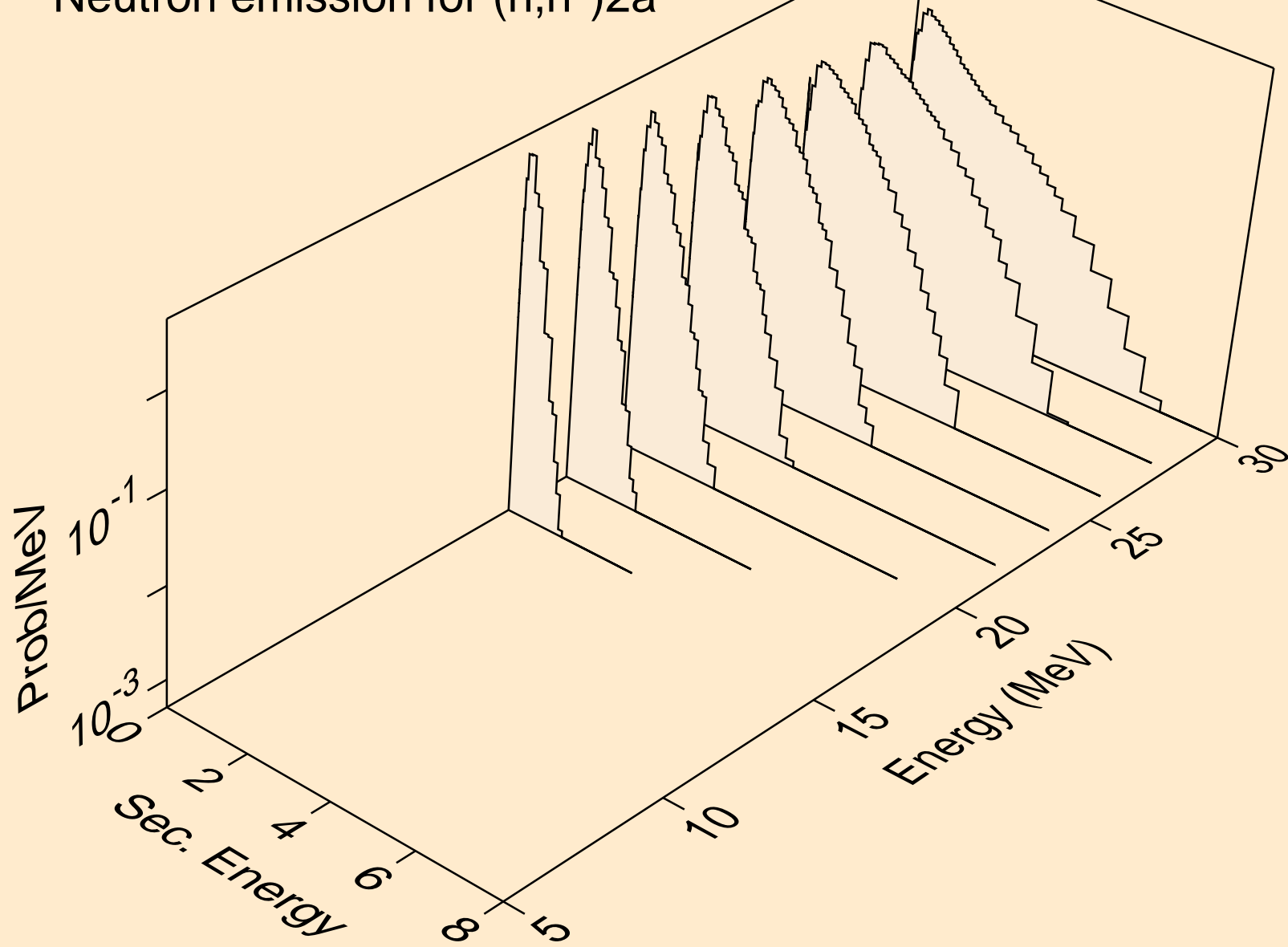
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



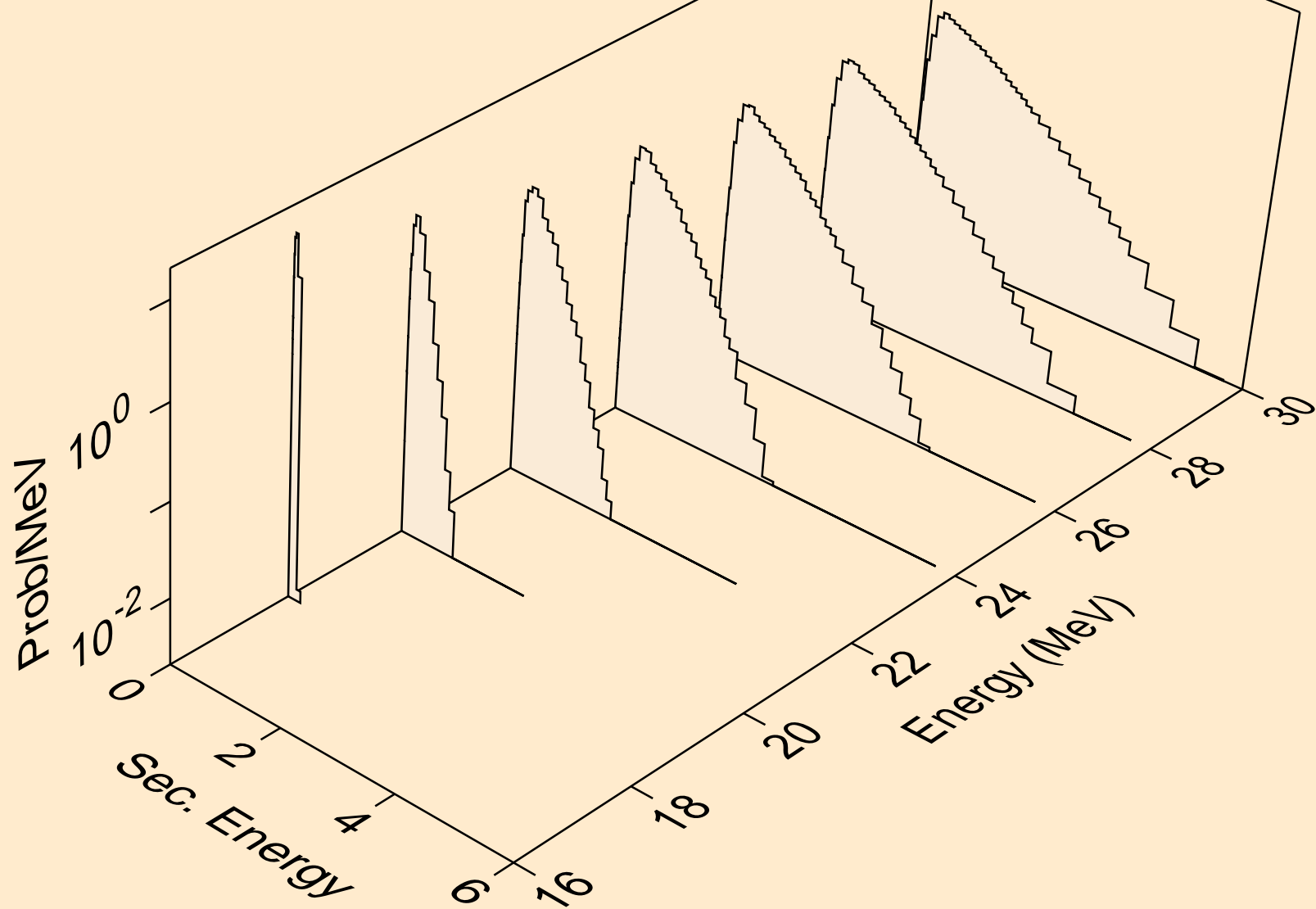
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



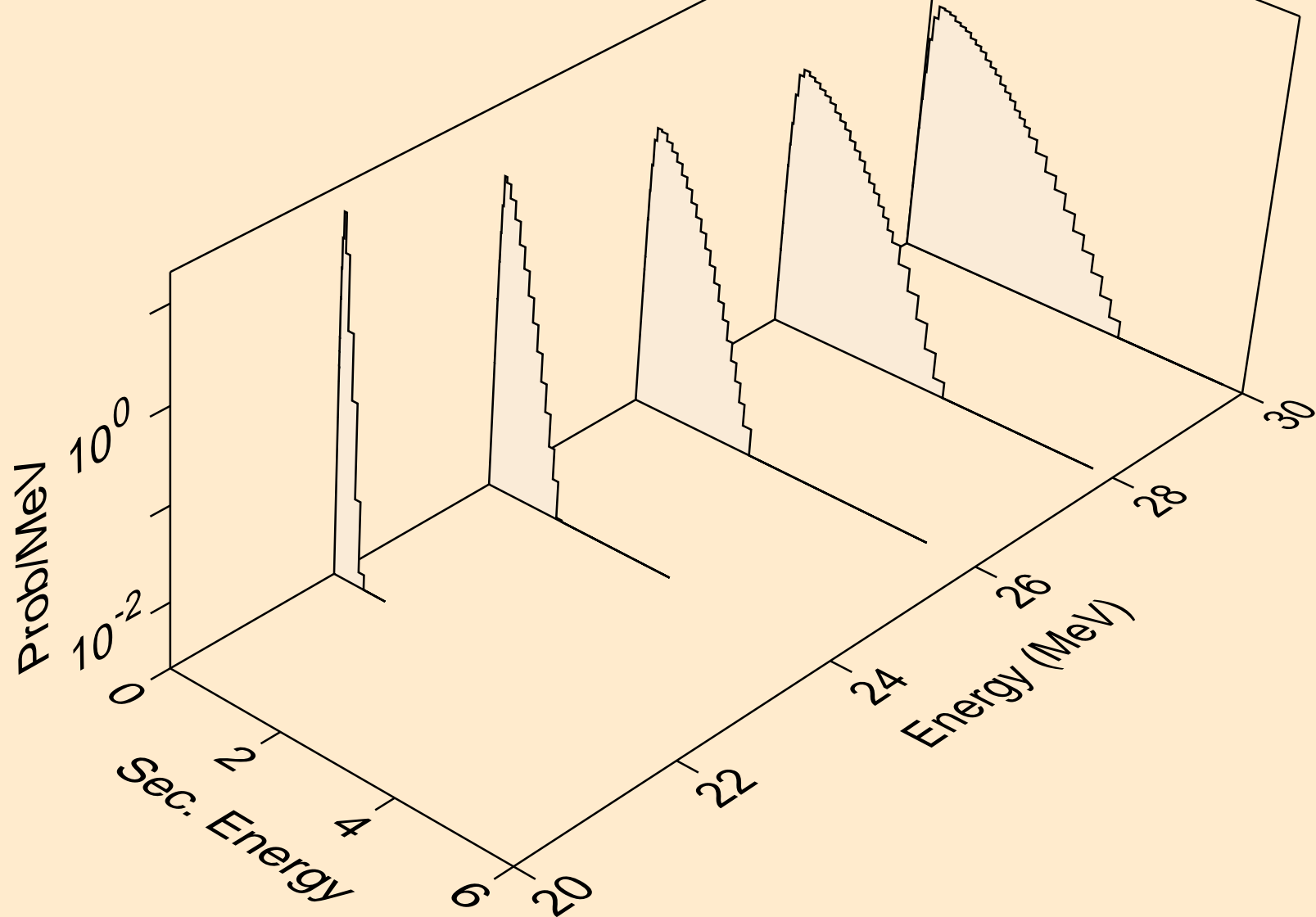
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



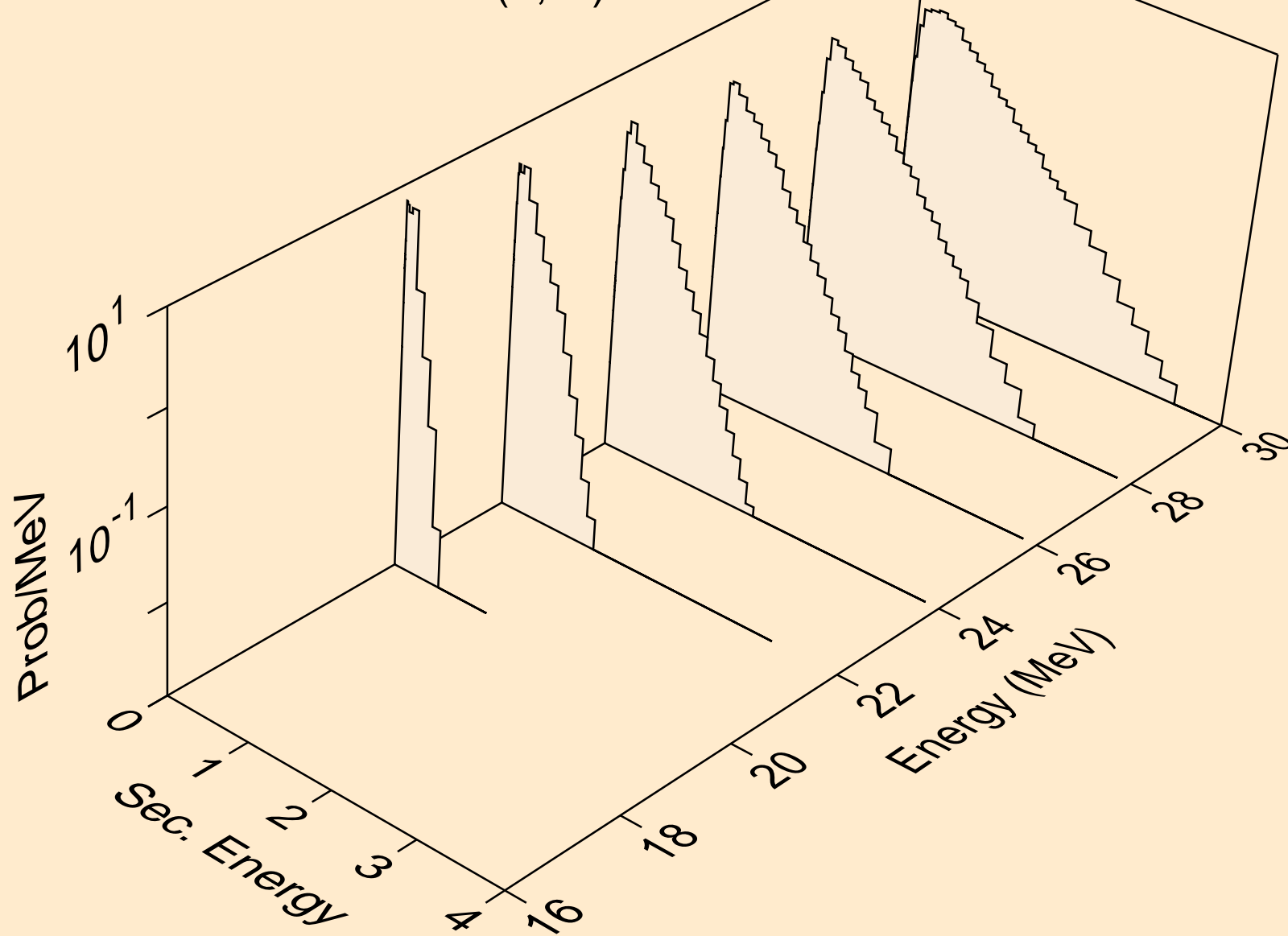
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



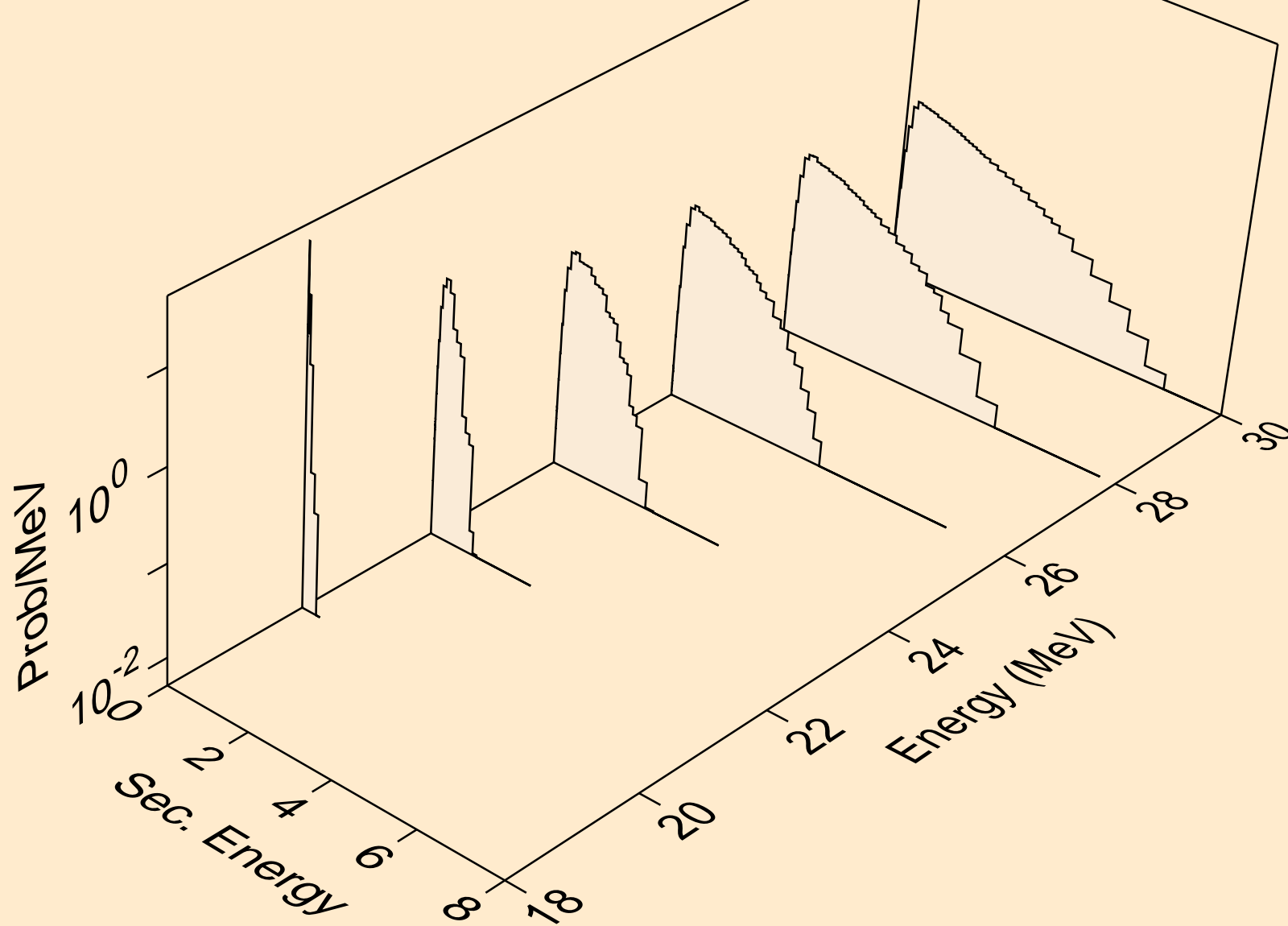
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



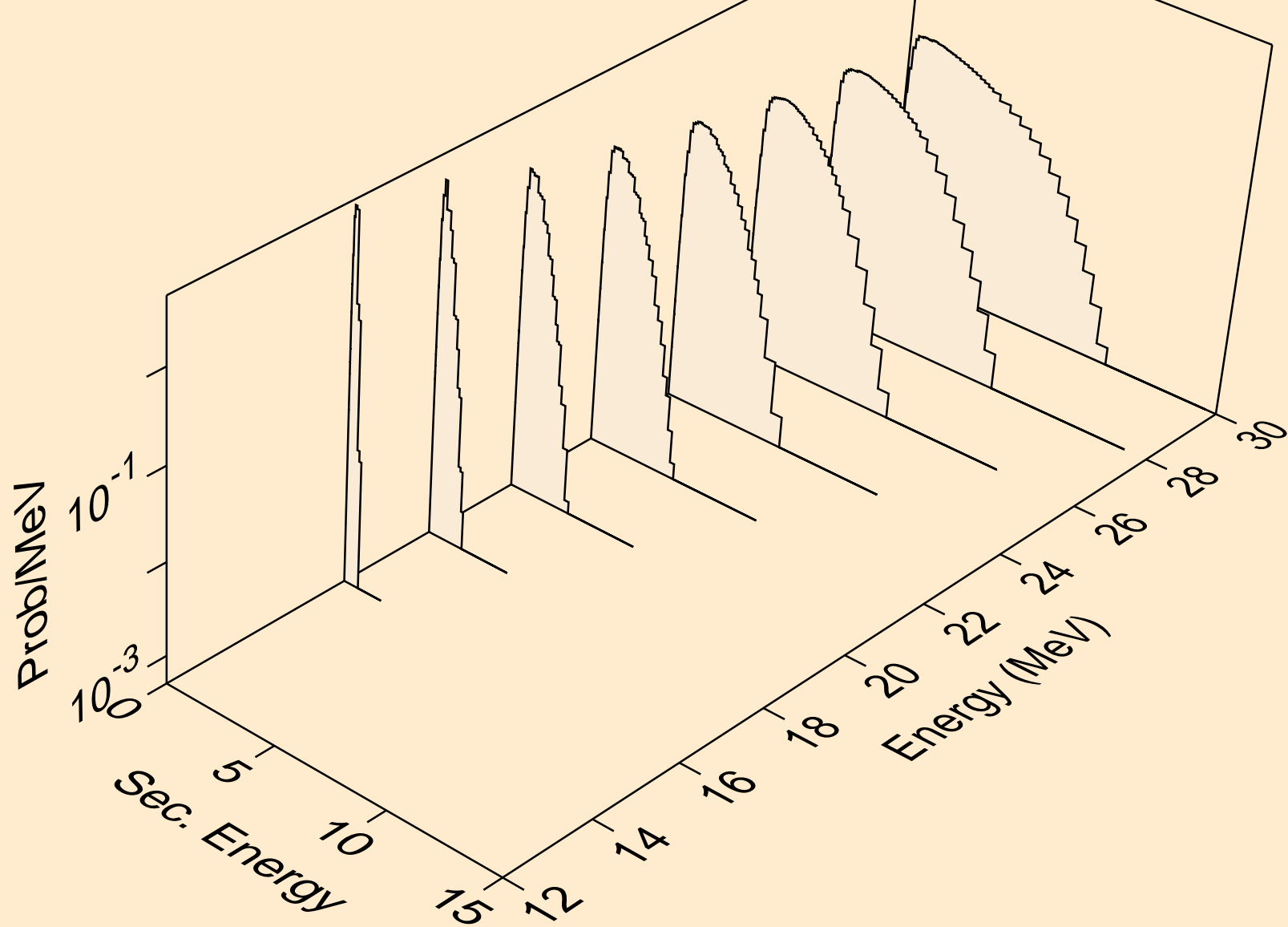
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

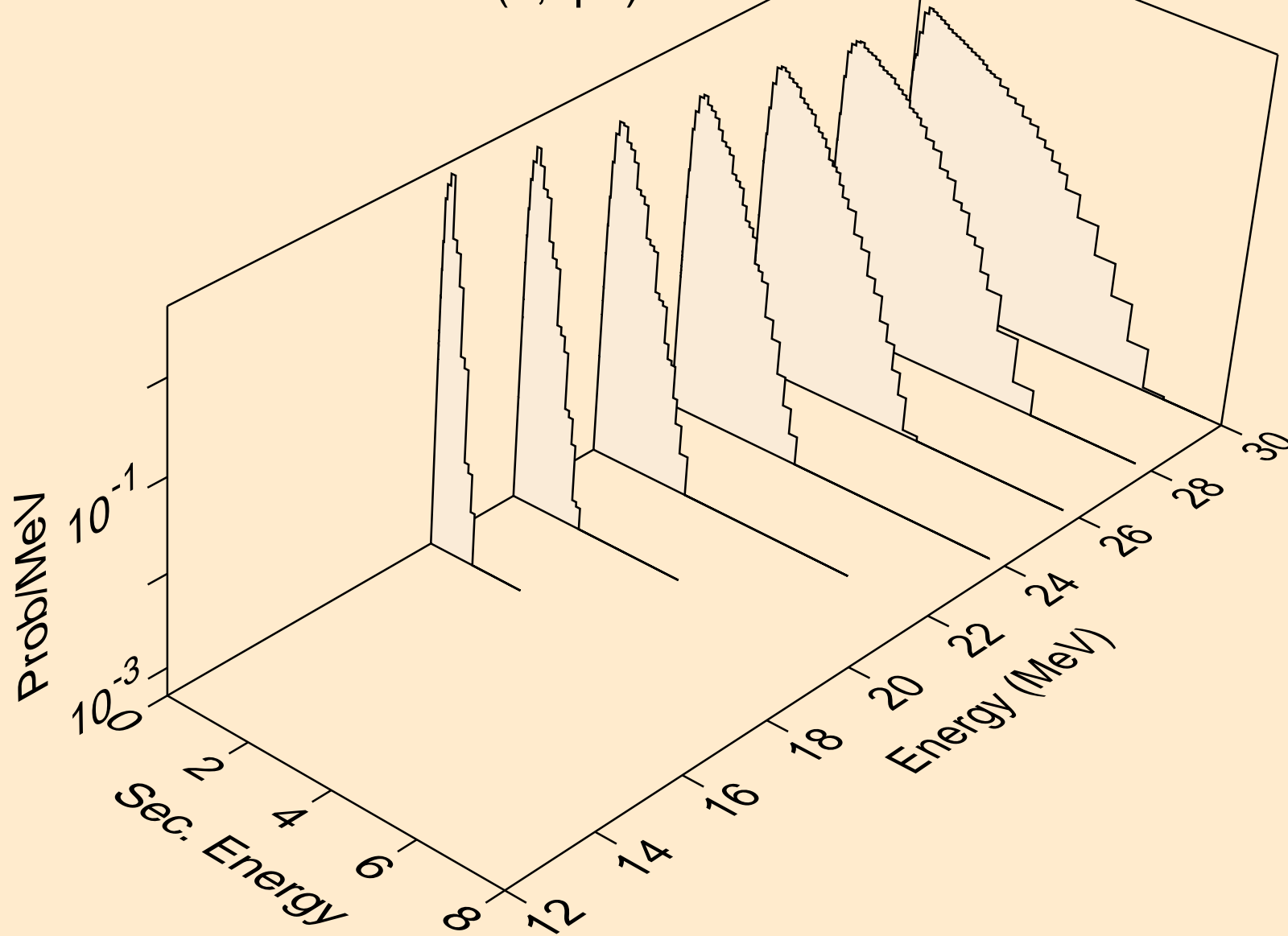


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

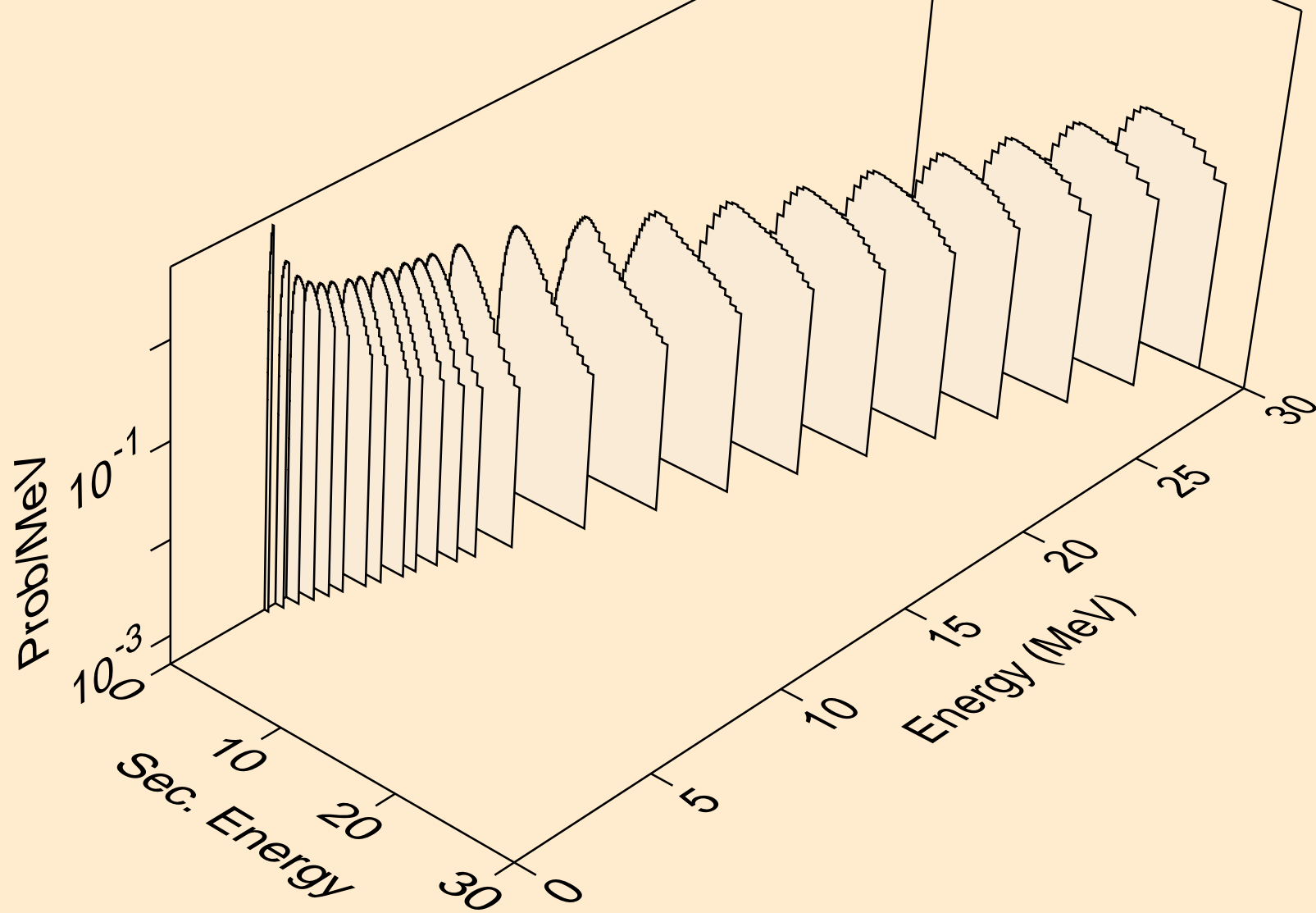




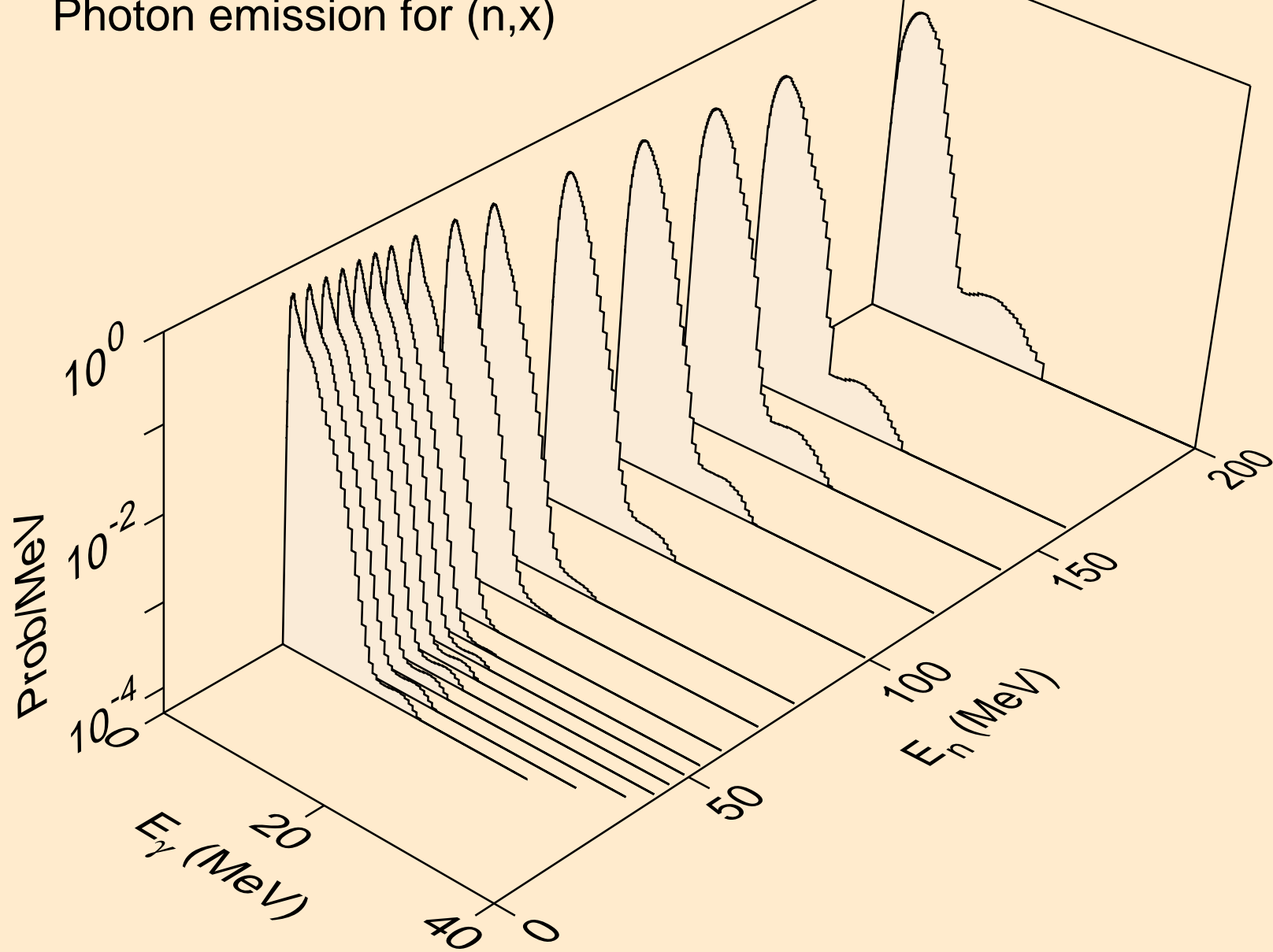
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



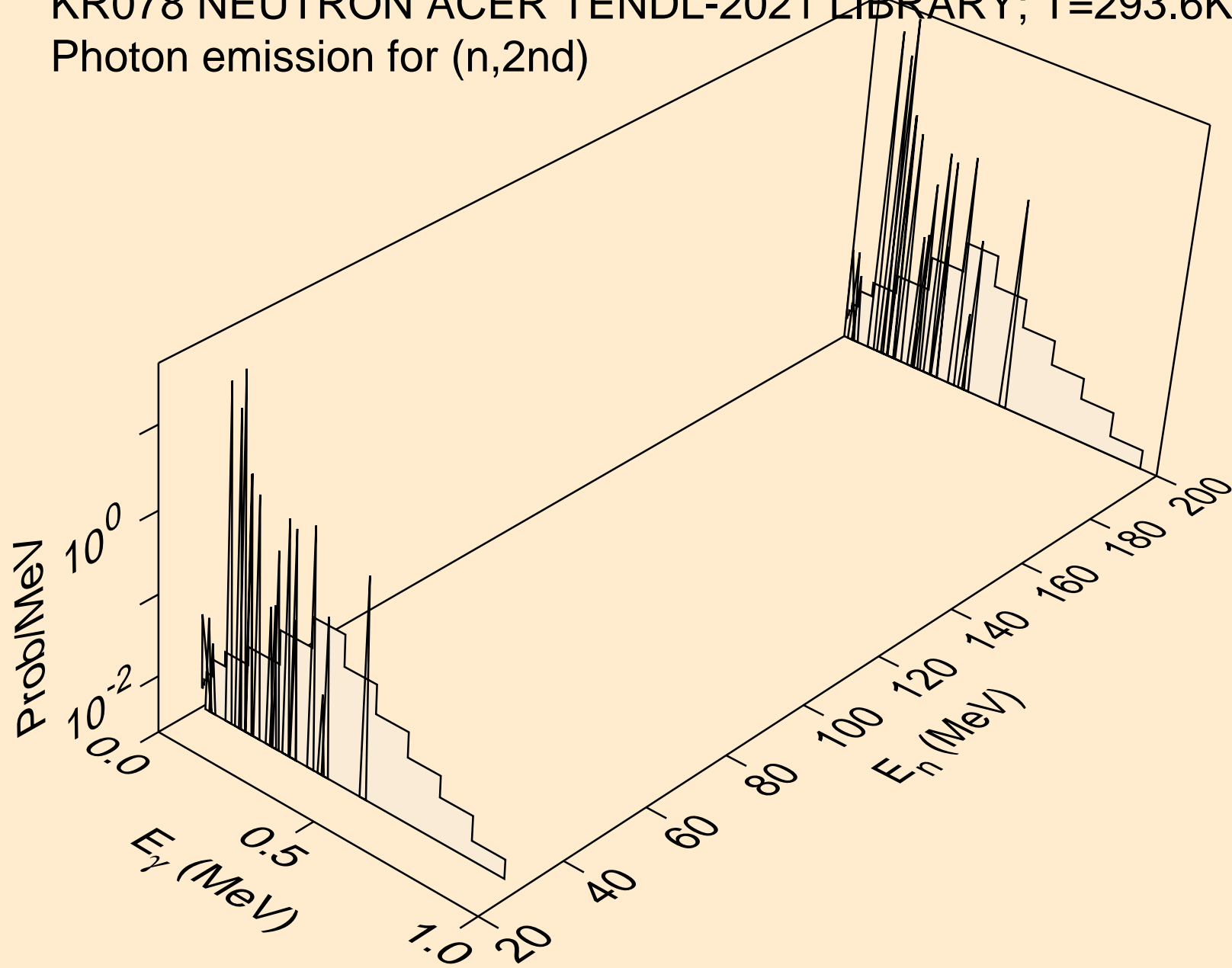
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



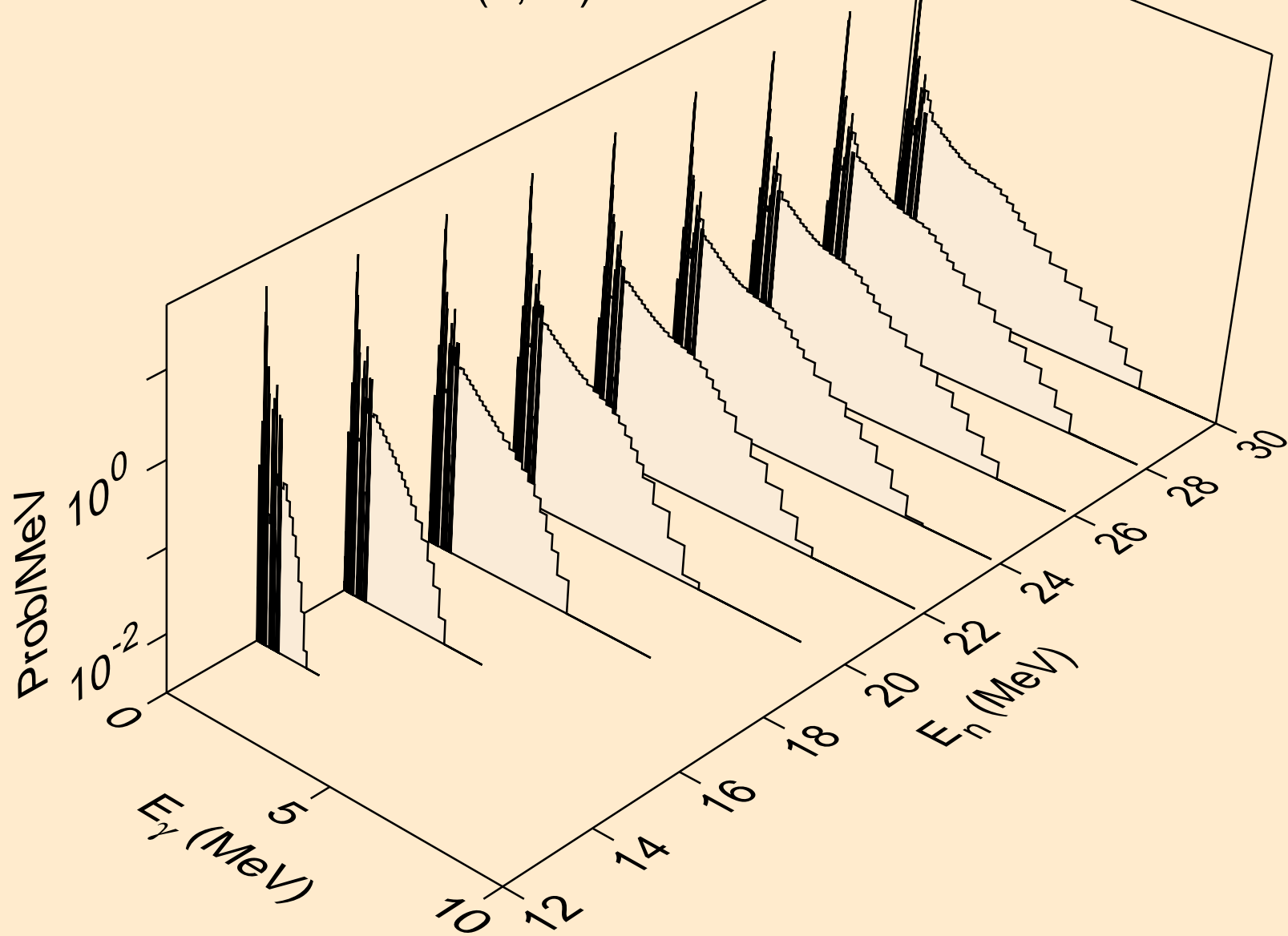
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



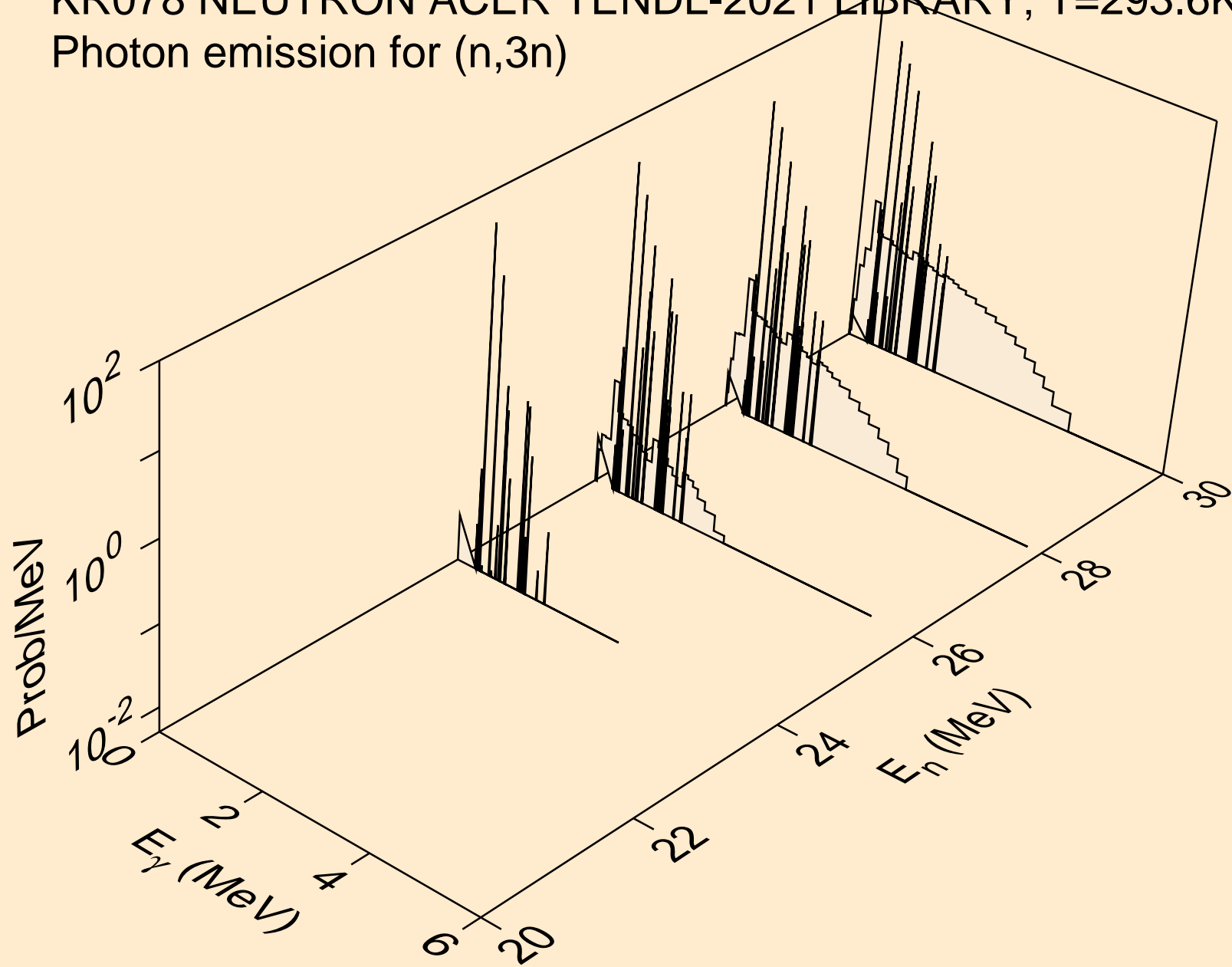
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



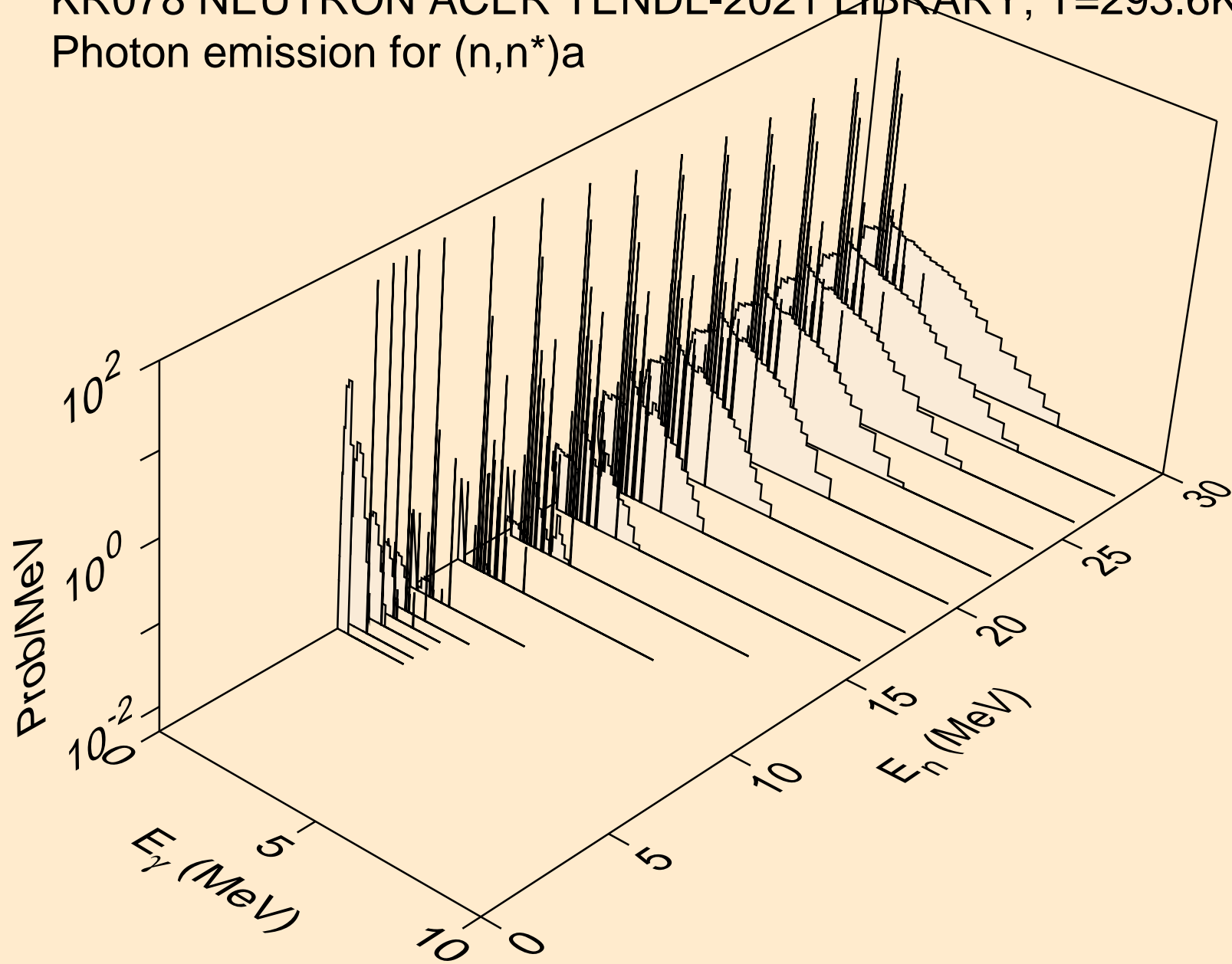
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



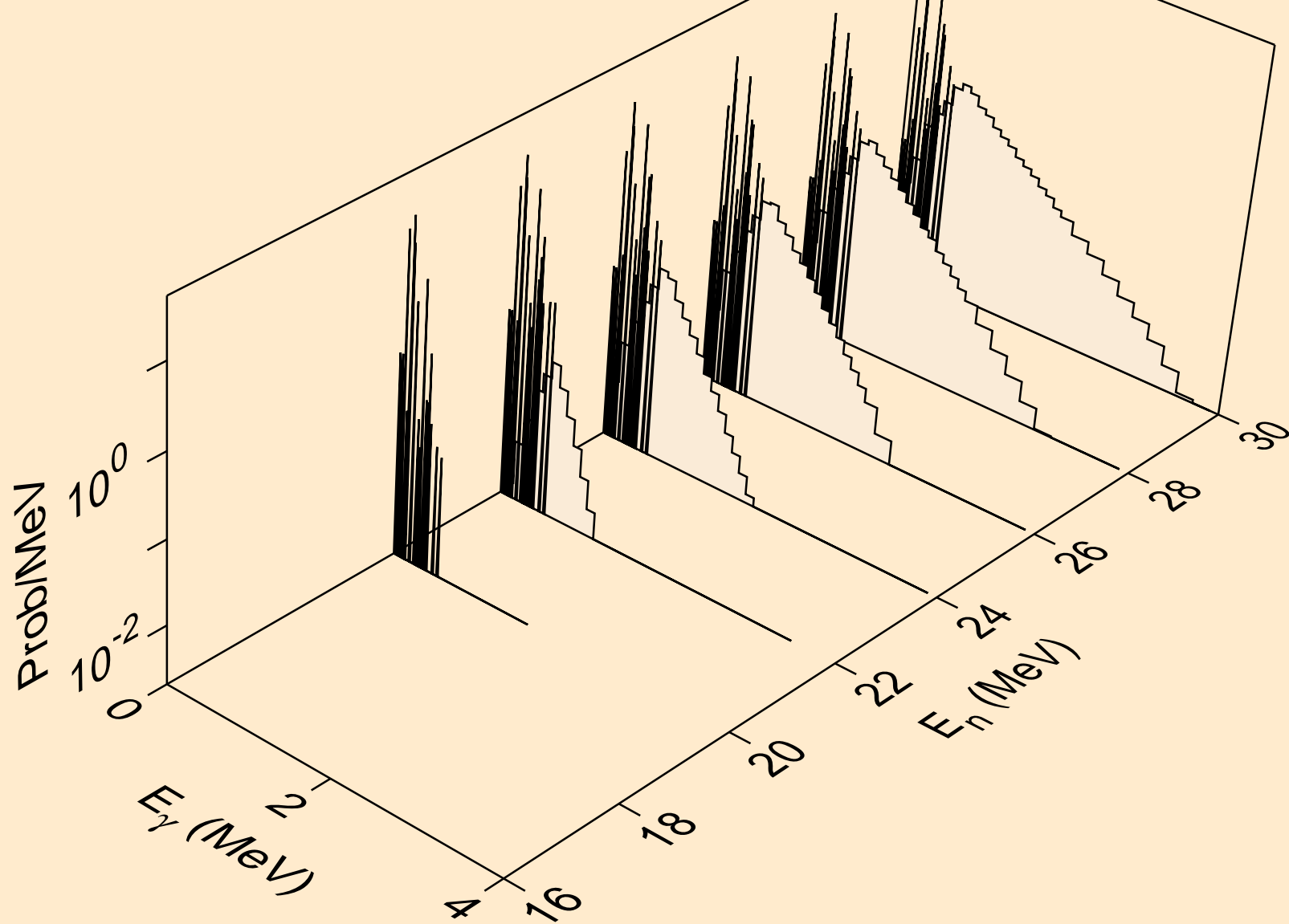
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

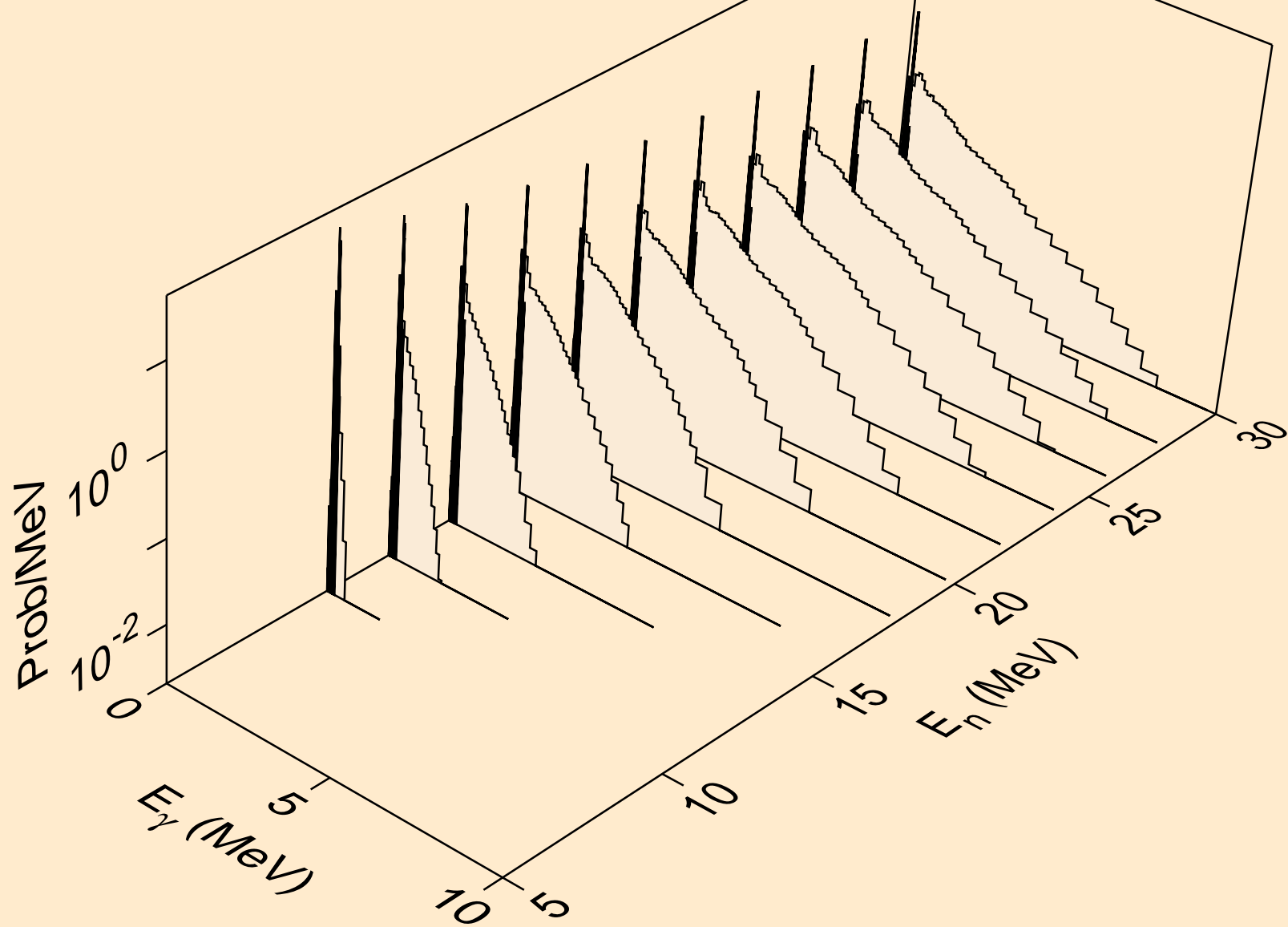


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

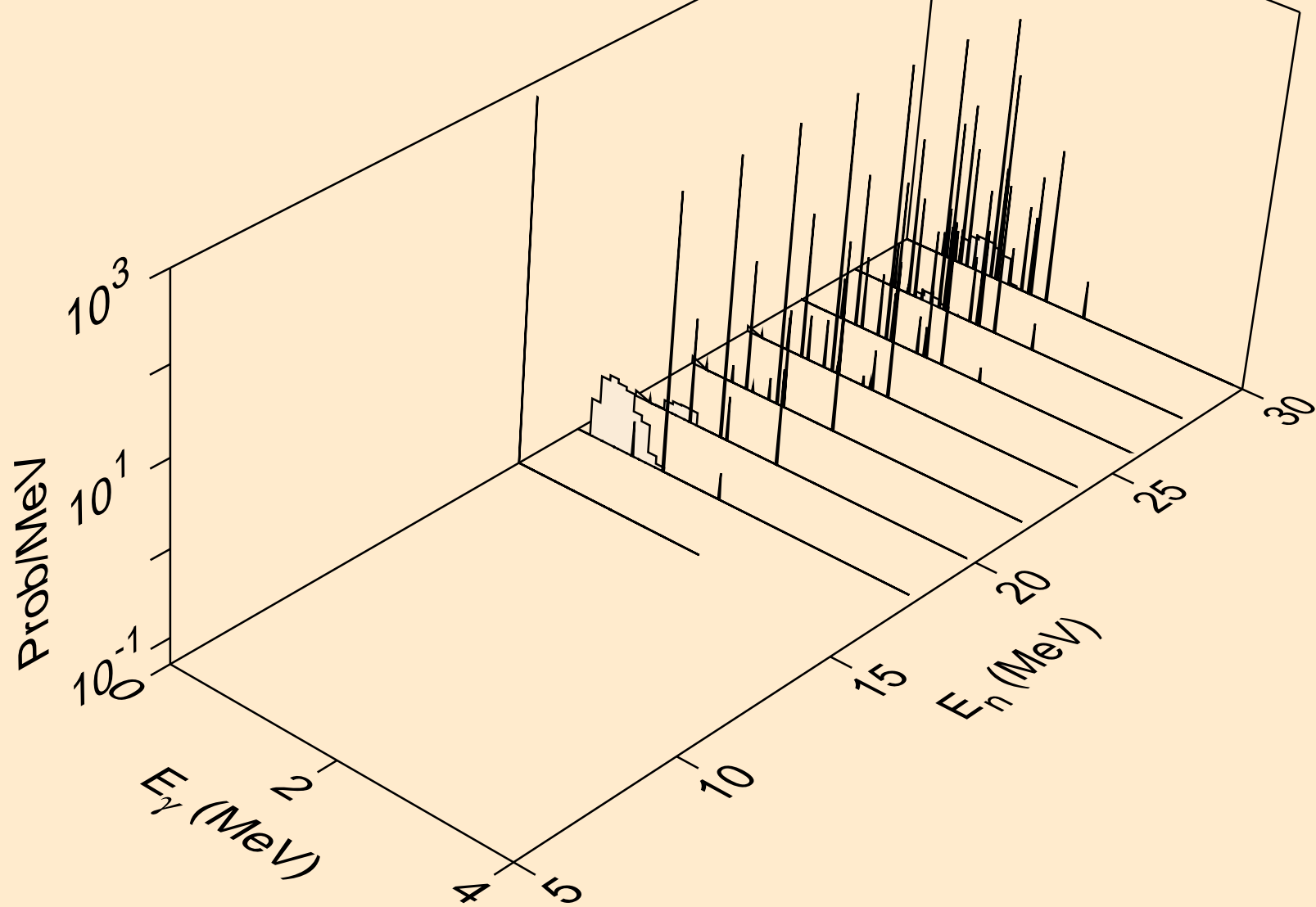




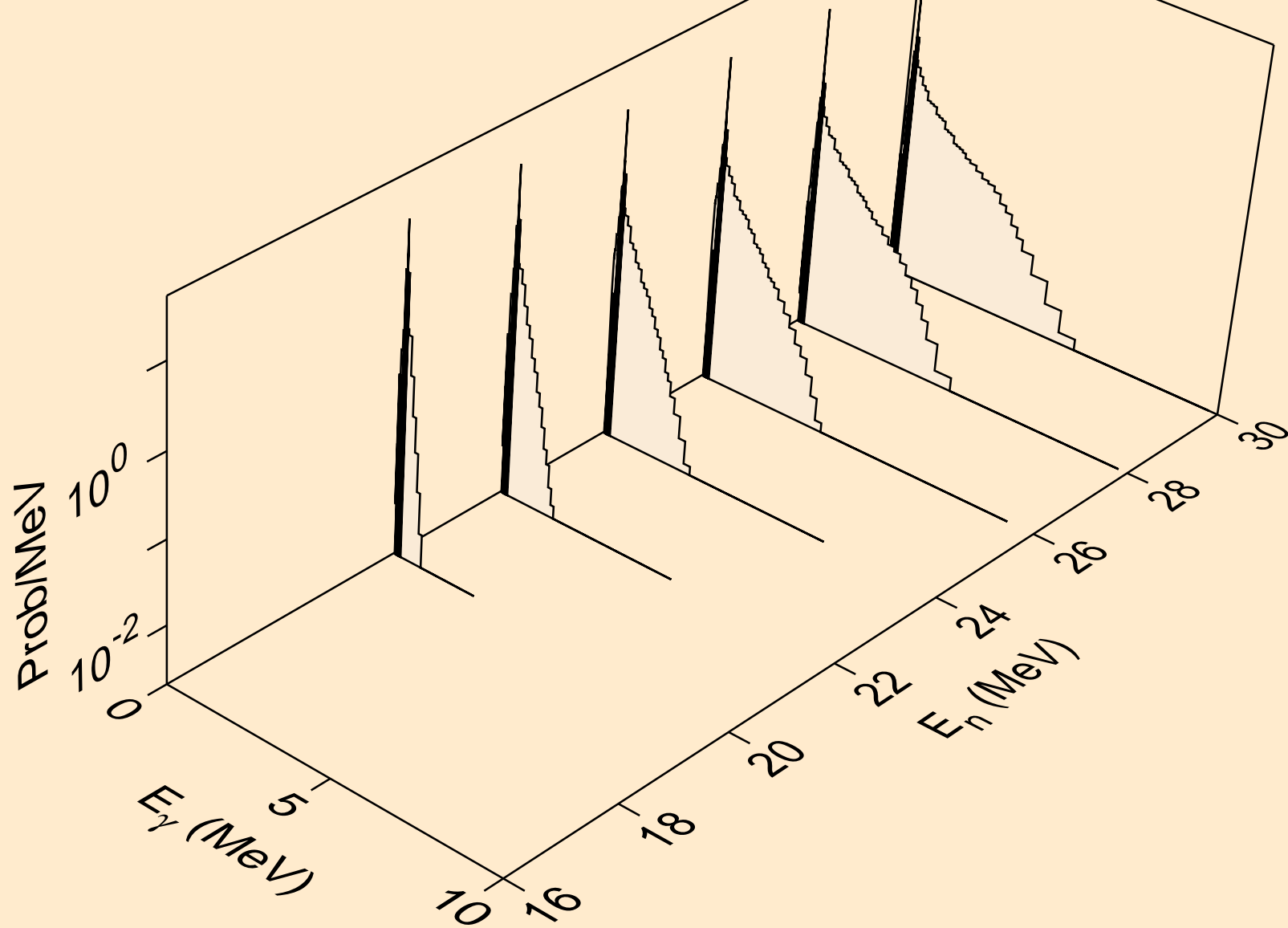
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Photon emission for (n,n\*)p



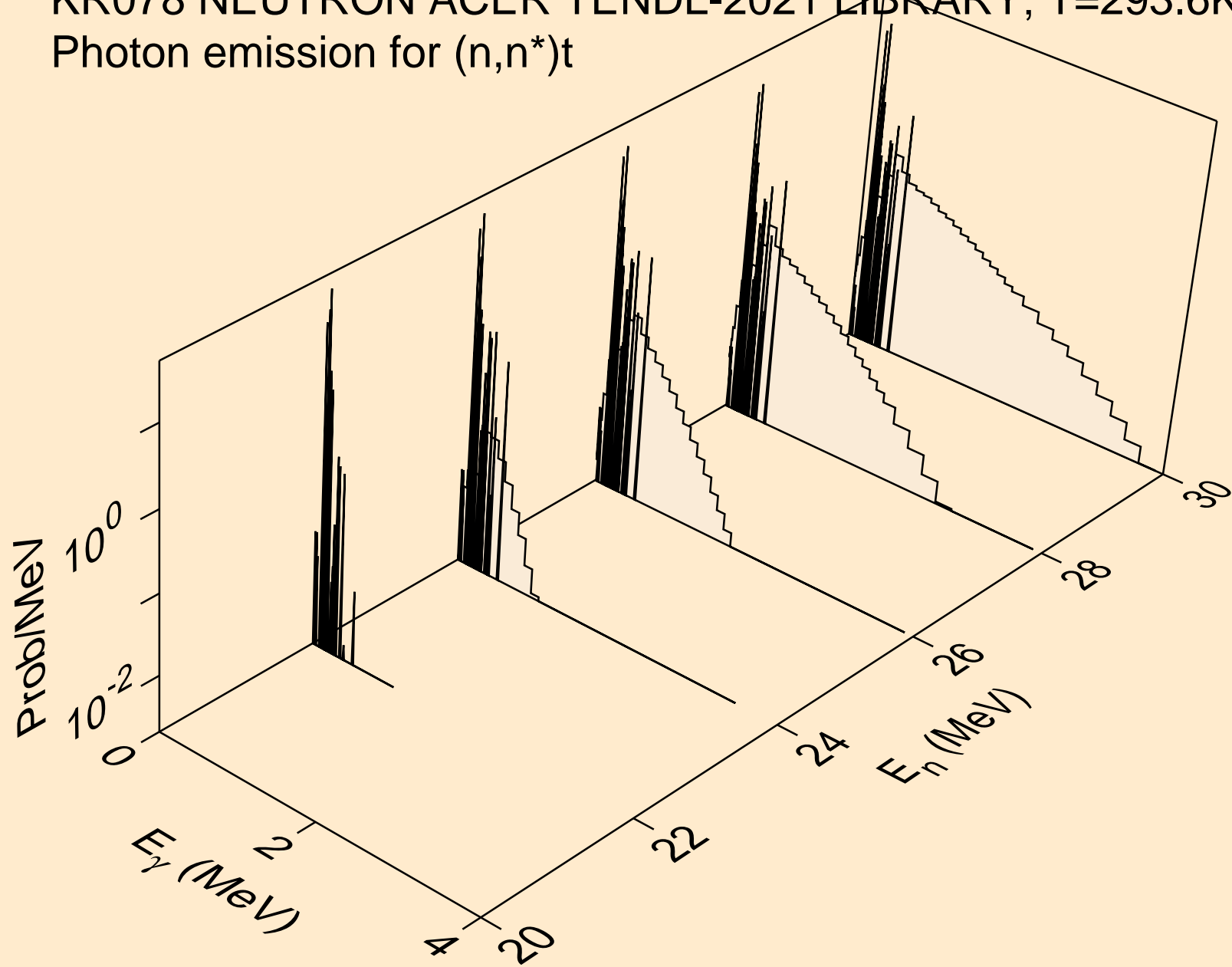
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Photon emission for (n,n\*)2a



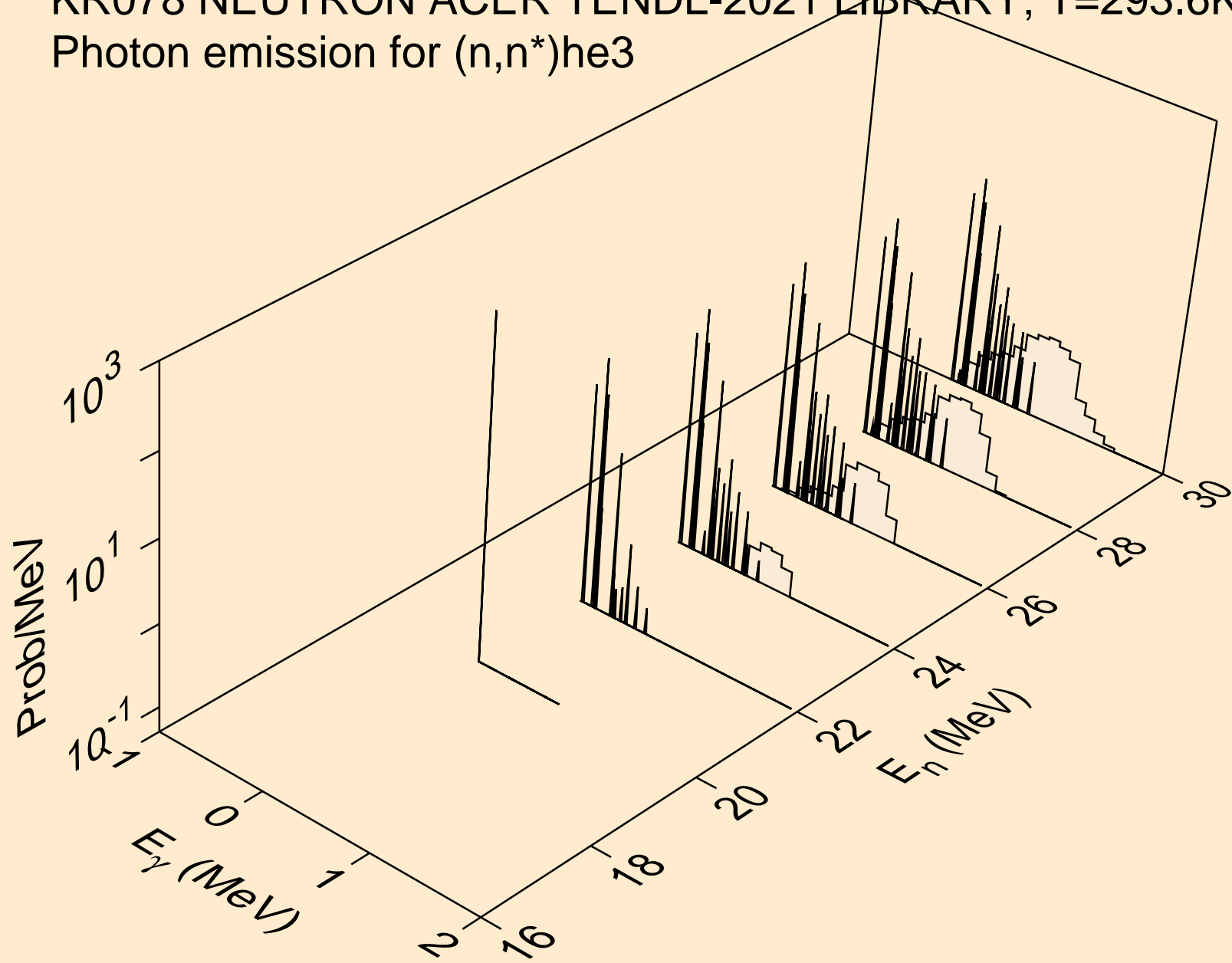
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Photon emission for (n,n\*)d



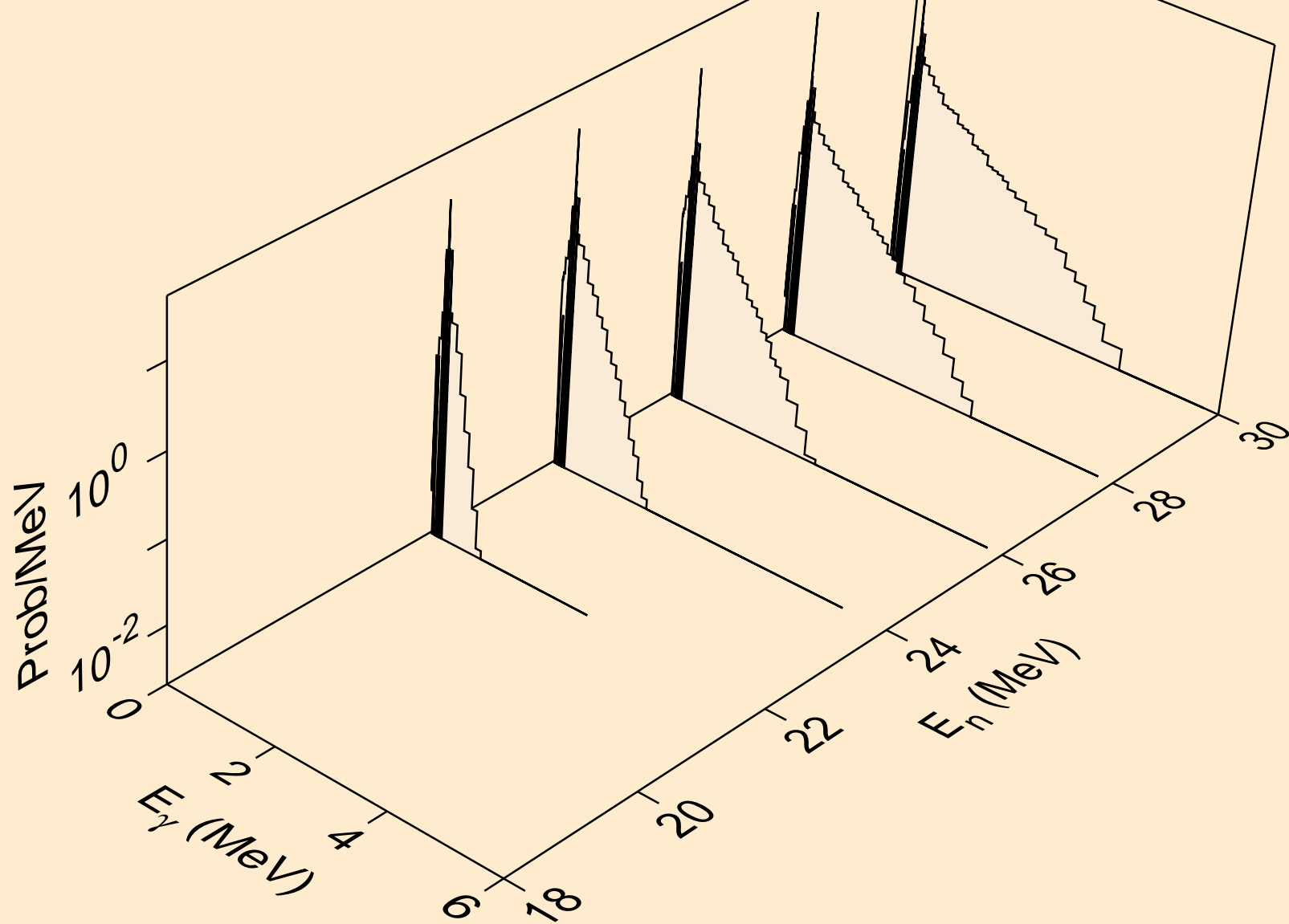
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Photon emission for (n,n\*)t



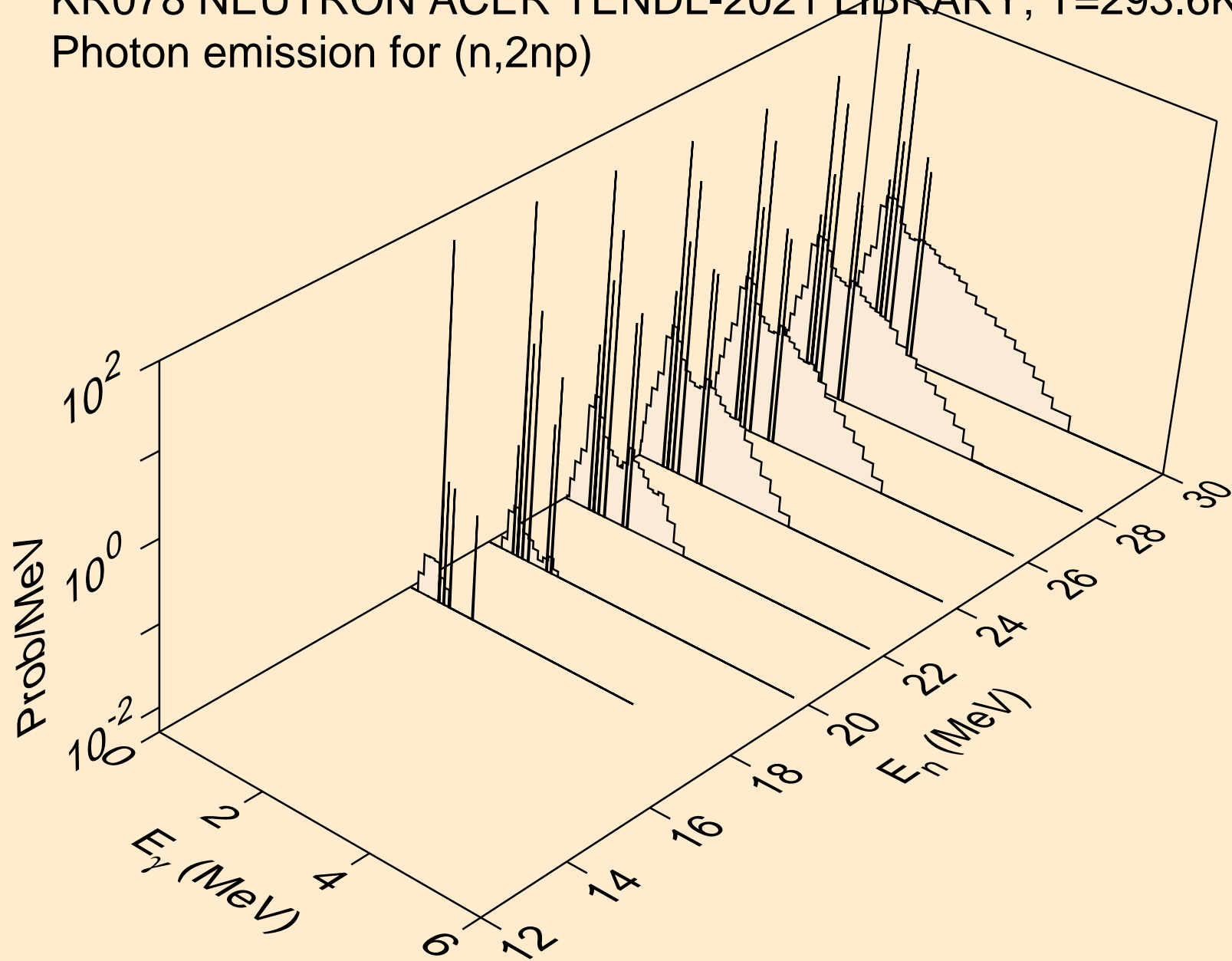
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



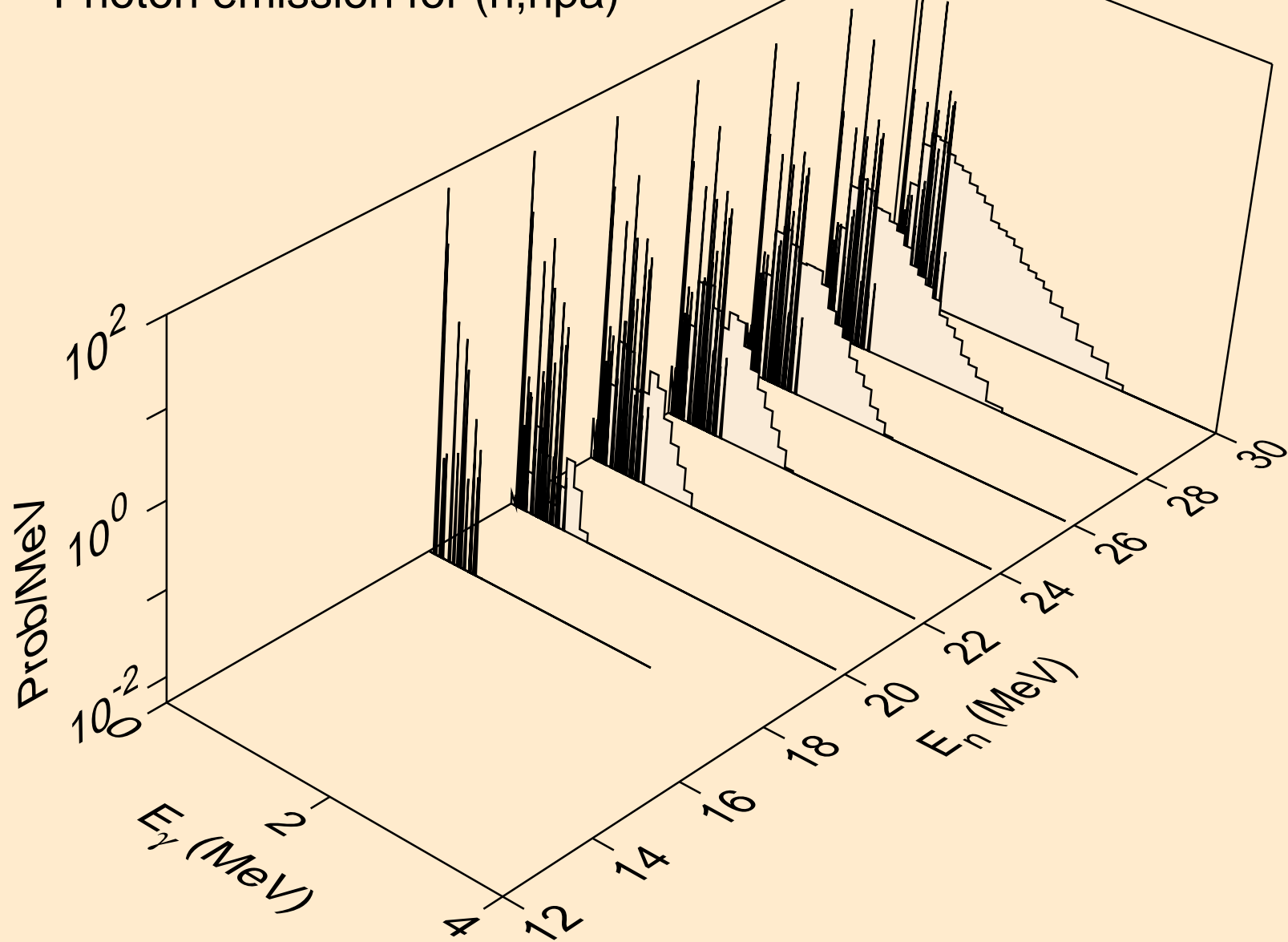
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

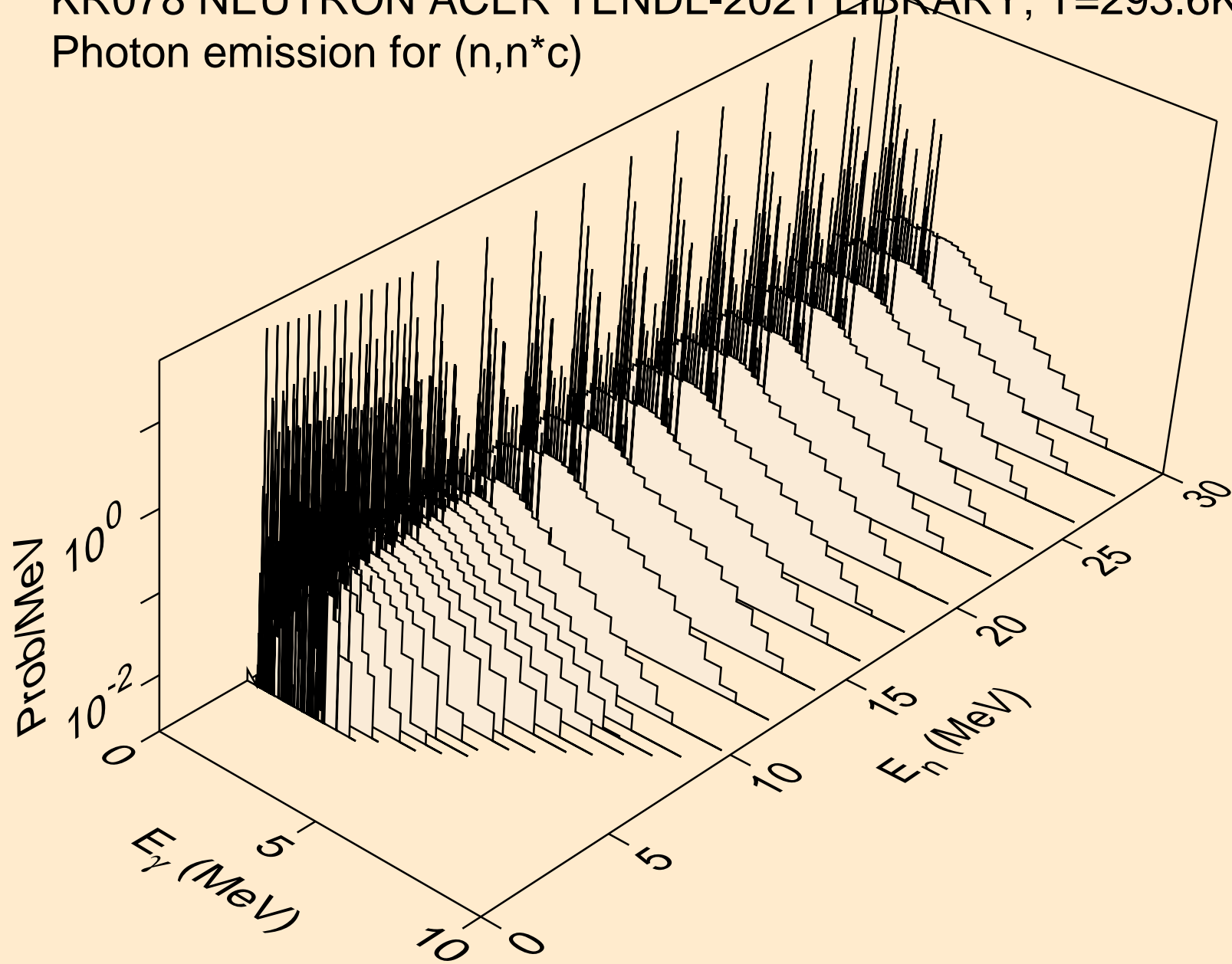


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

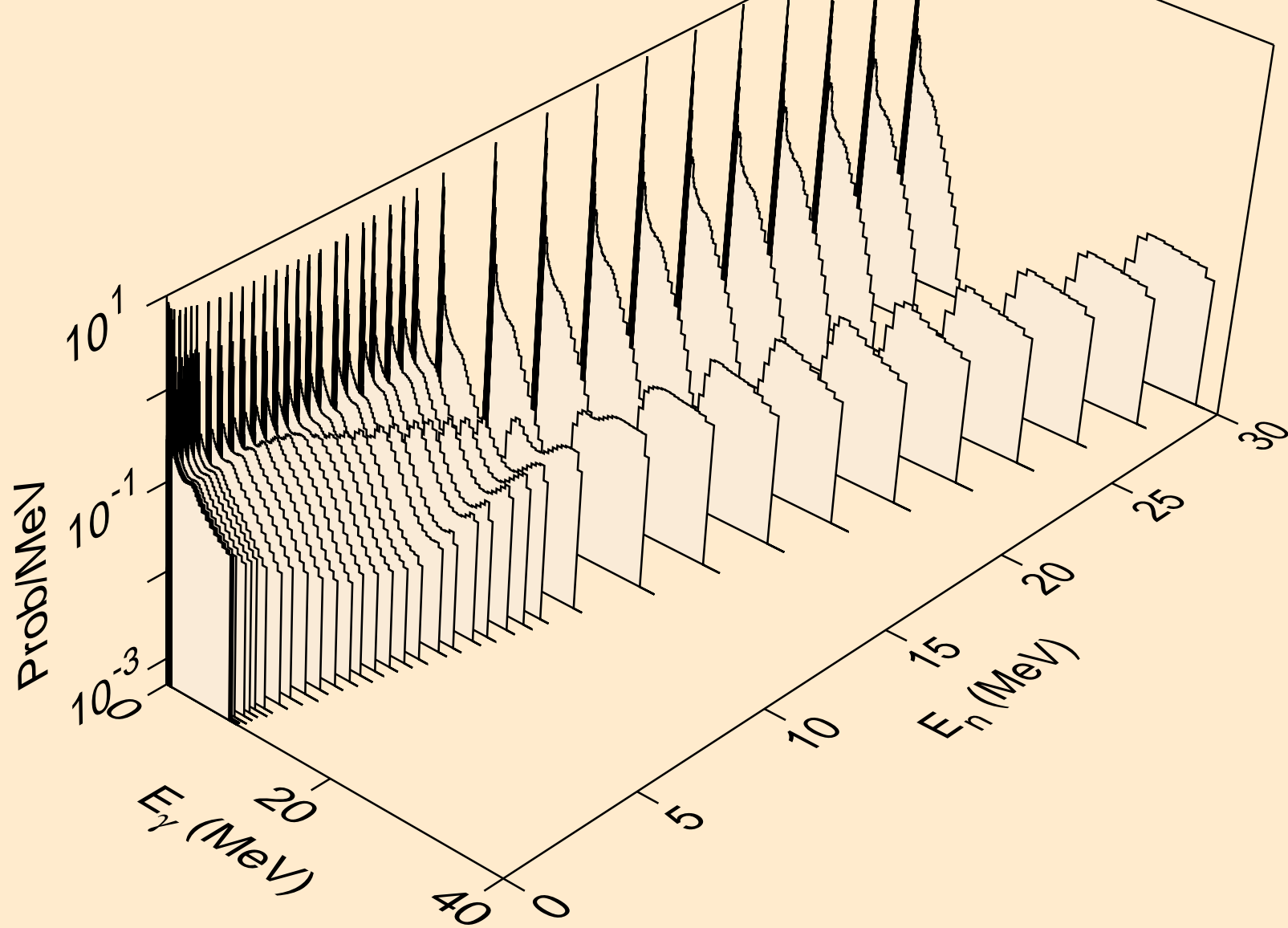




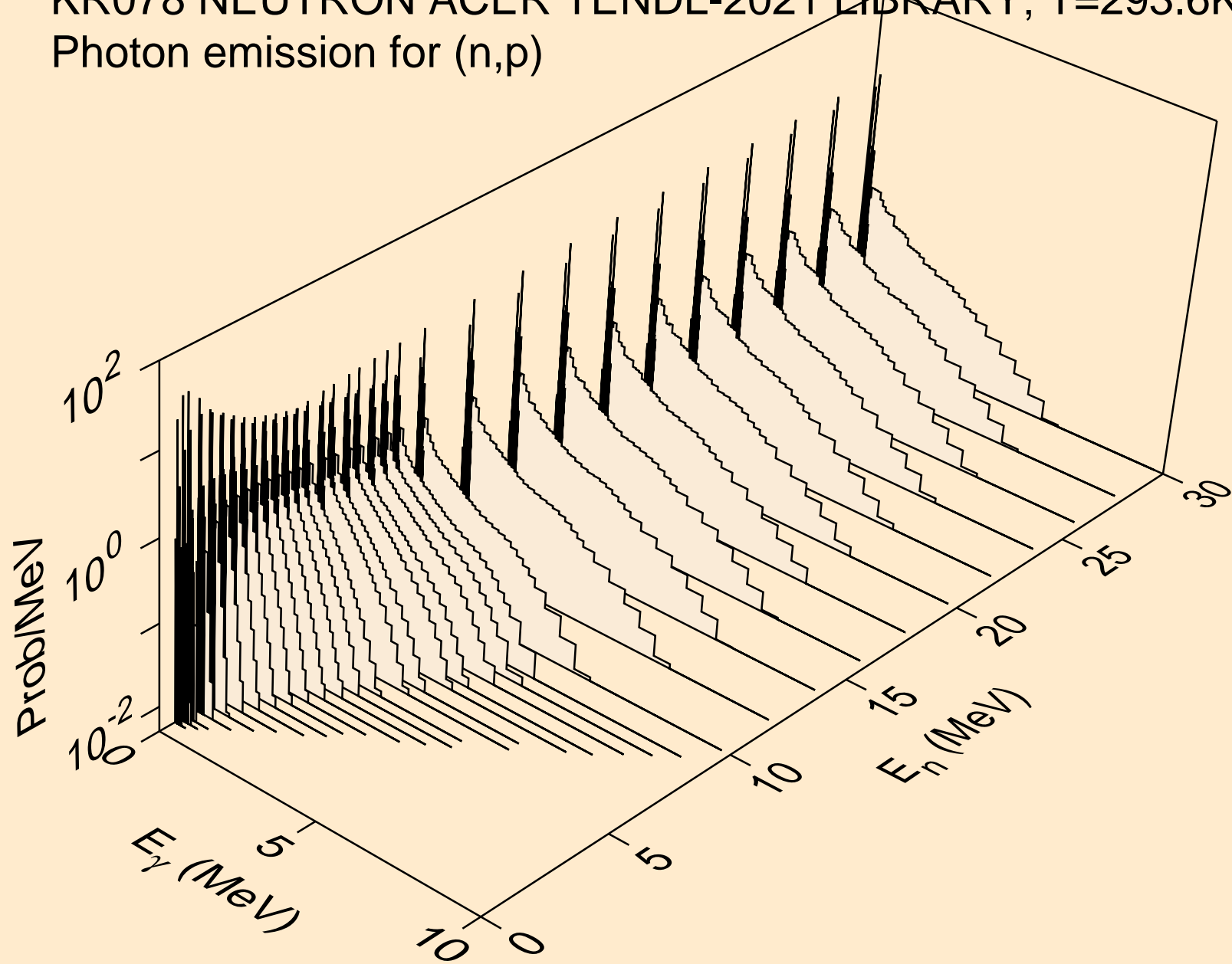
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Photon emission for (n,n\*c)



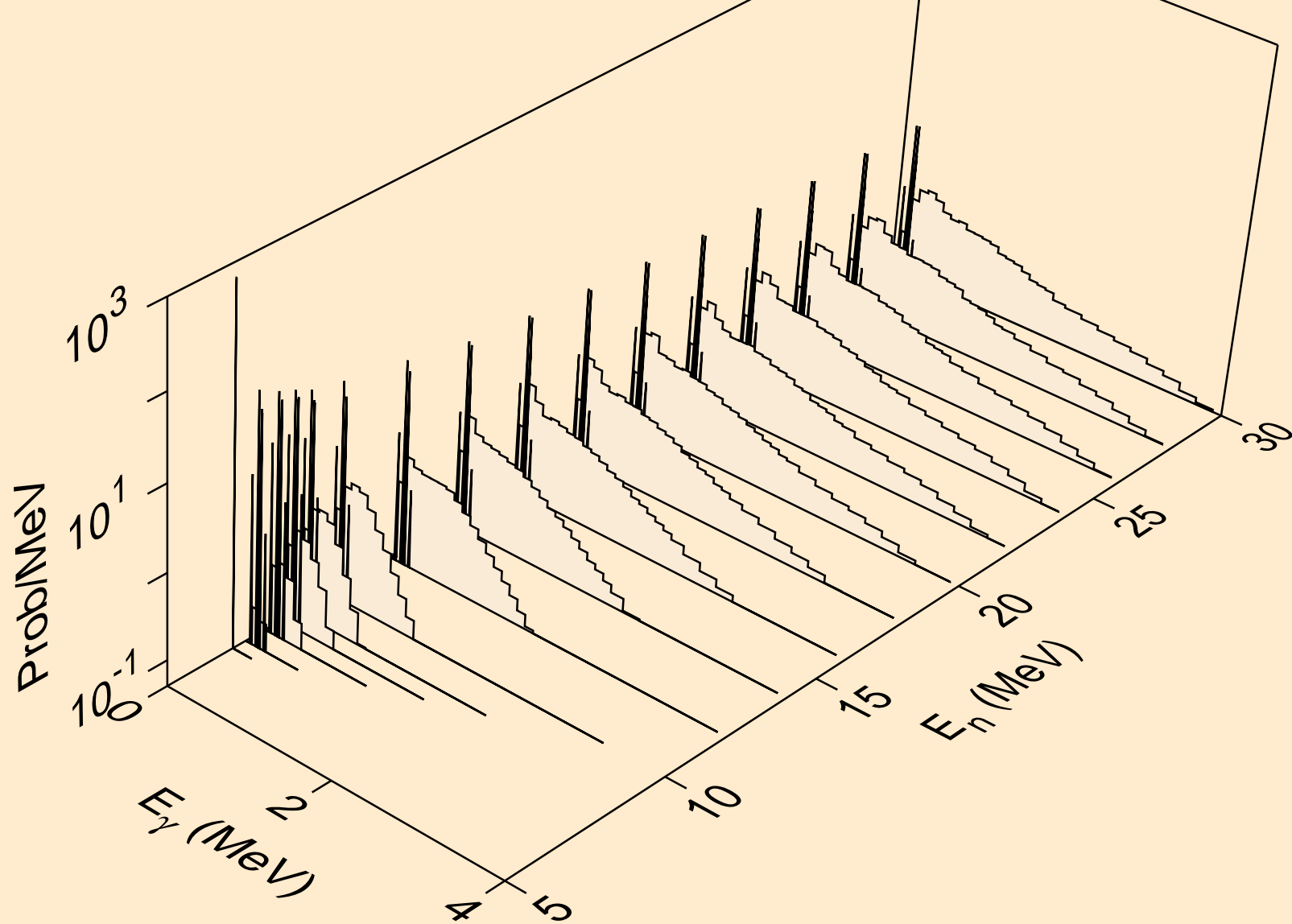
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Photon emission for (n,gma)



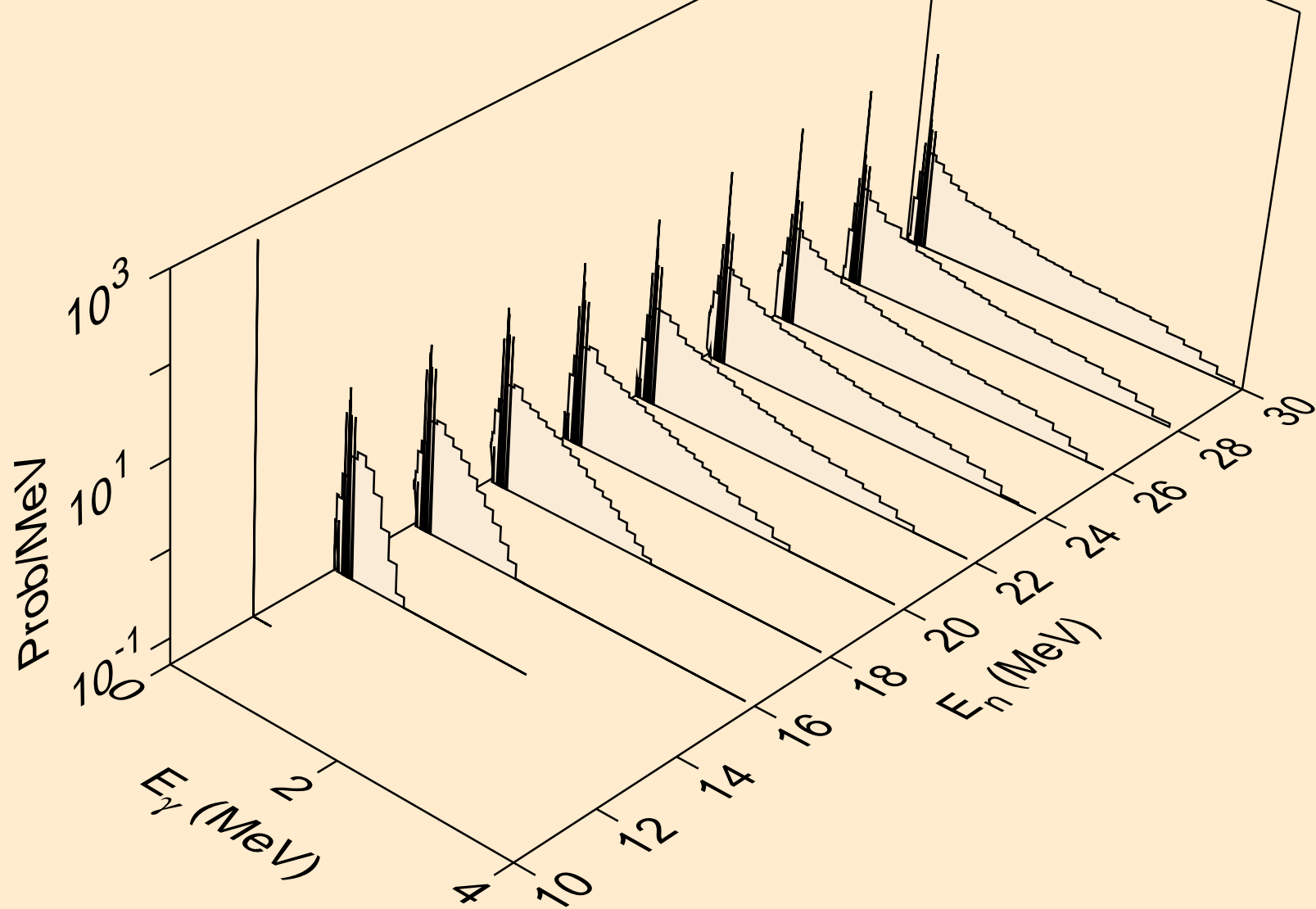
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Photon emission for (n,p)



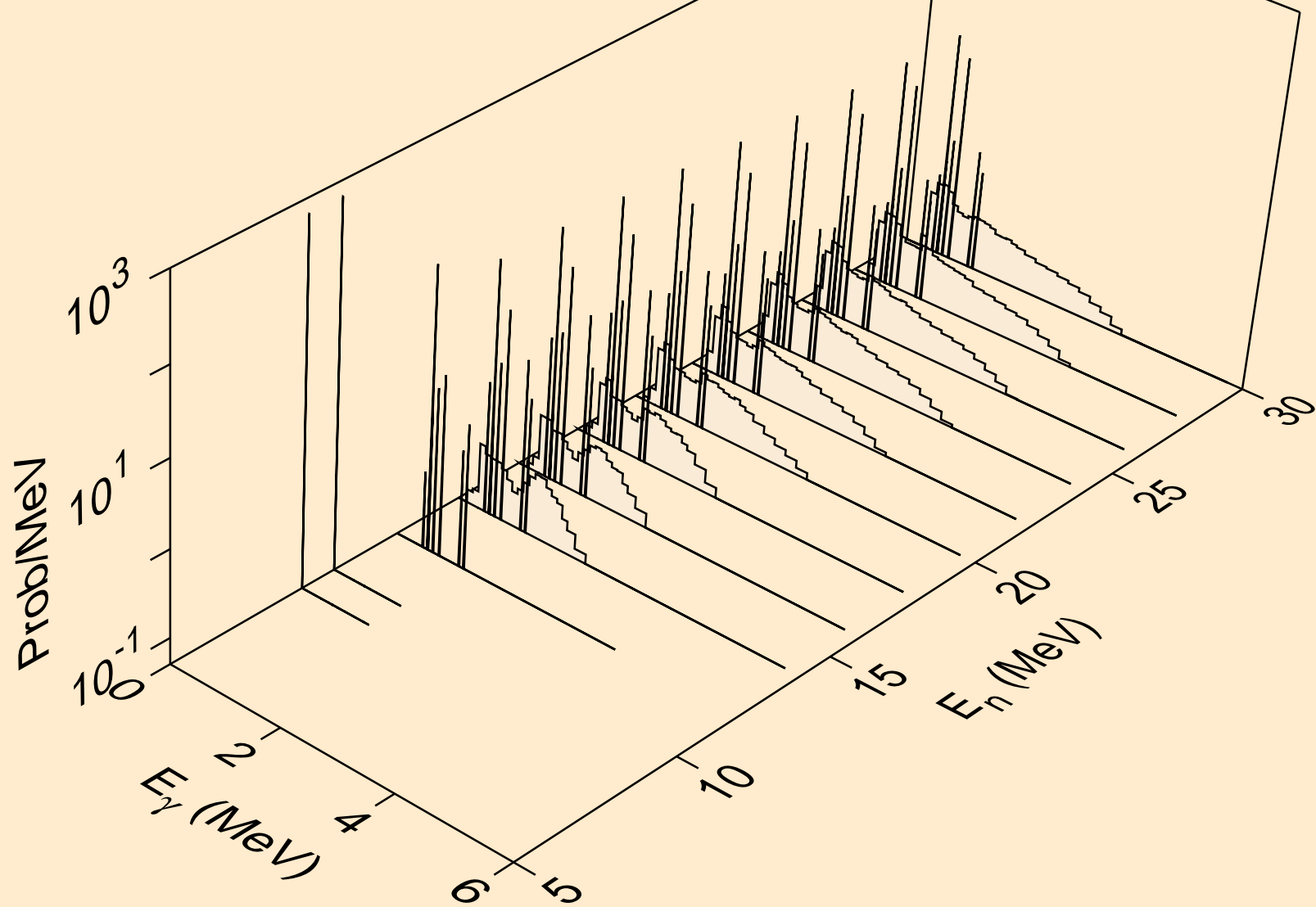
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Photon emission for (n,d)



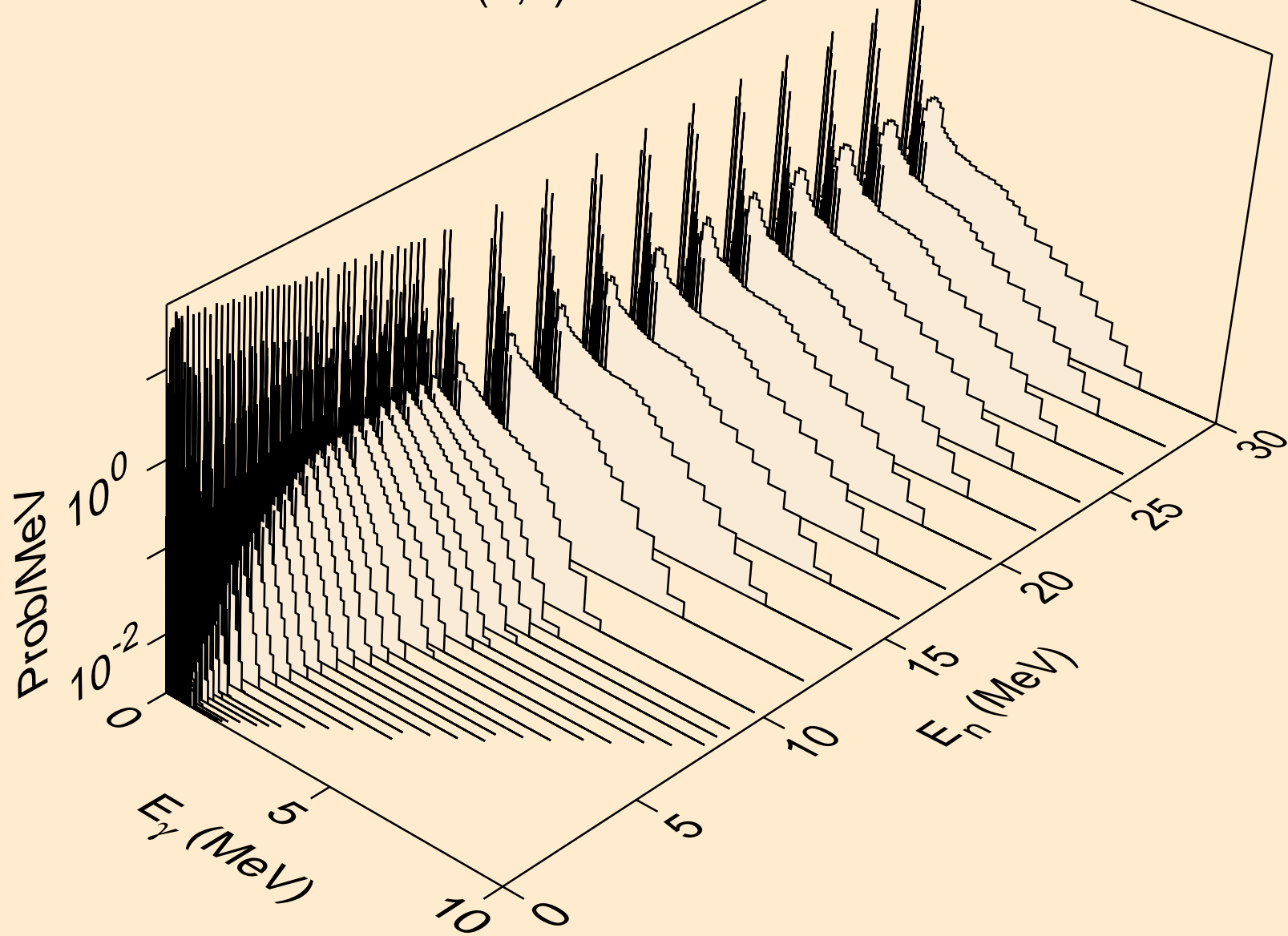
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Photon emission for (n,t)



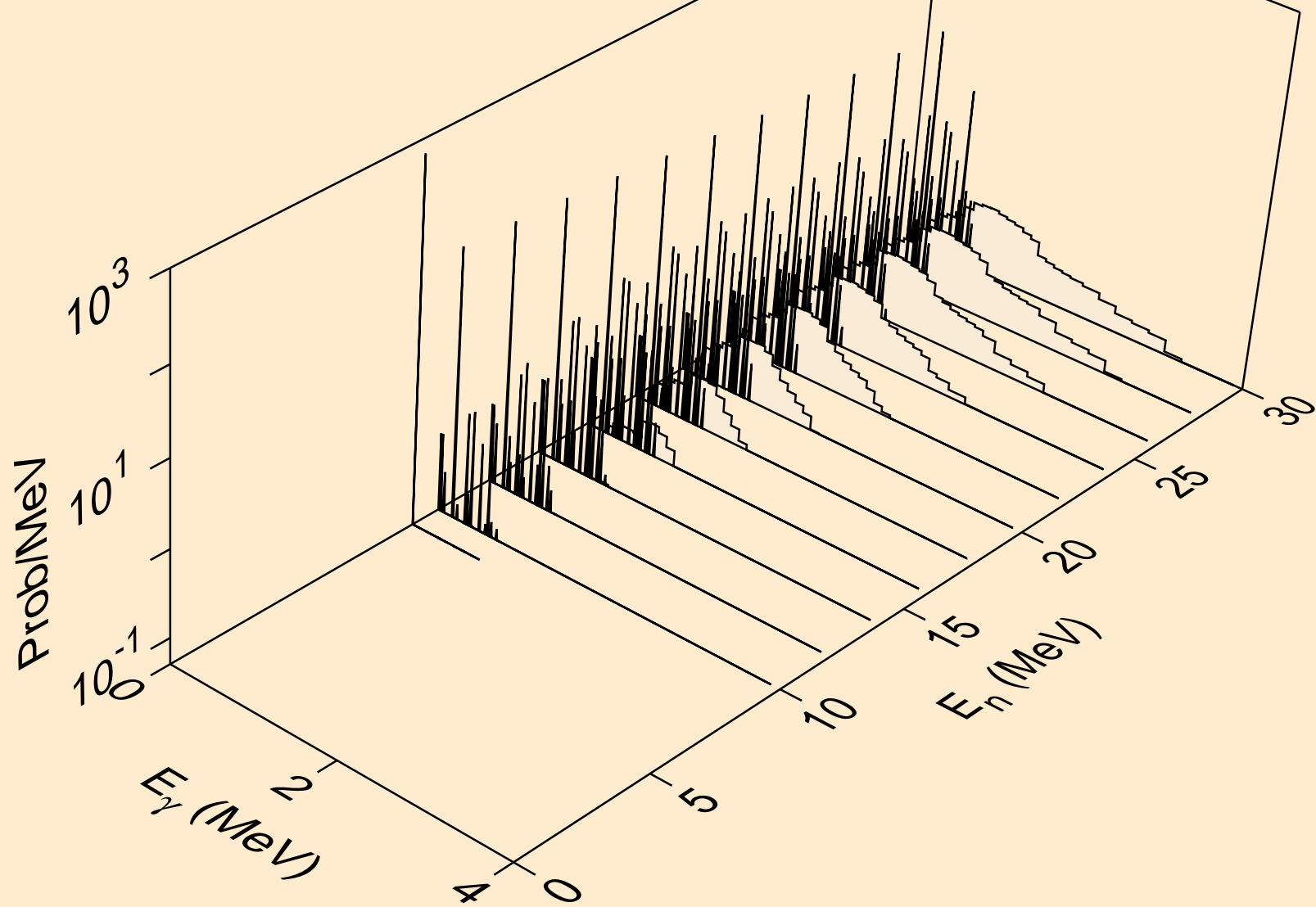
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

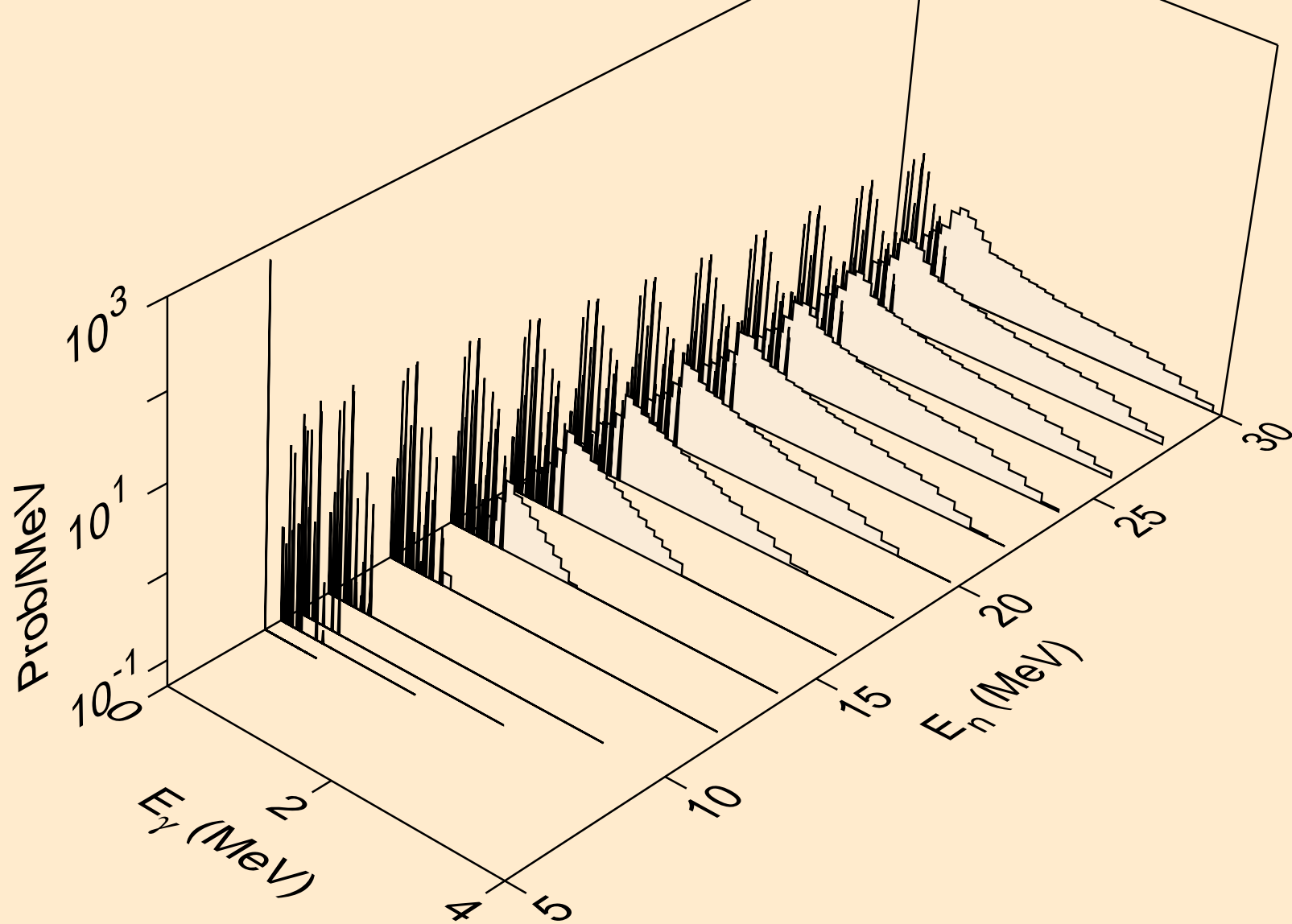


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Photon emission for (n,2a)

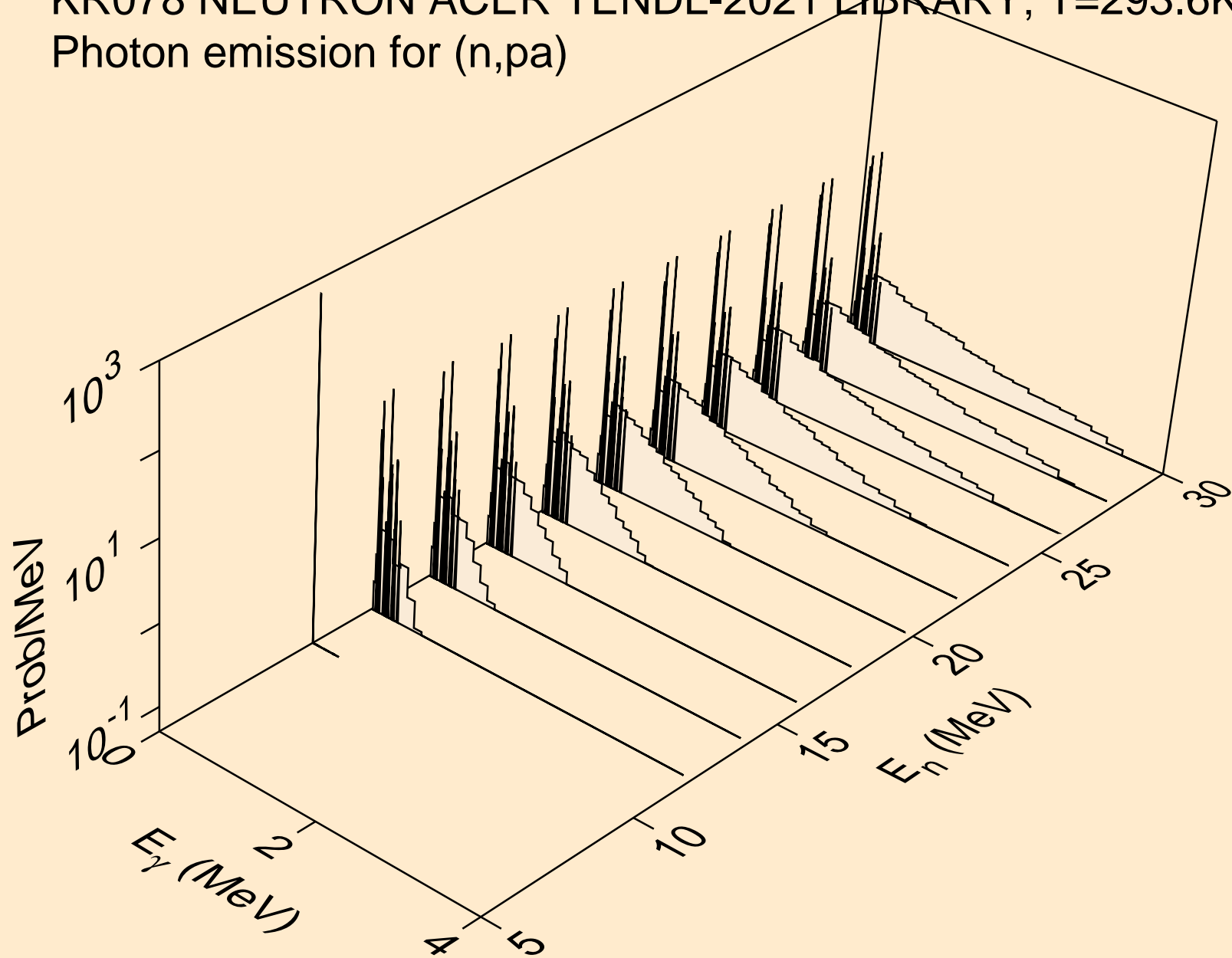




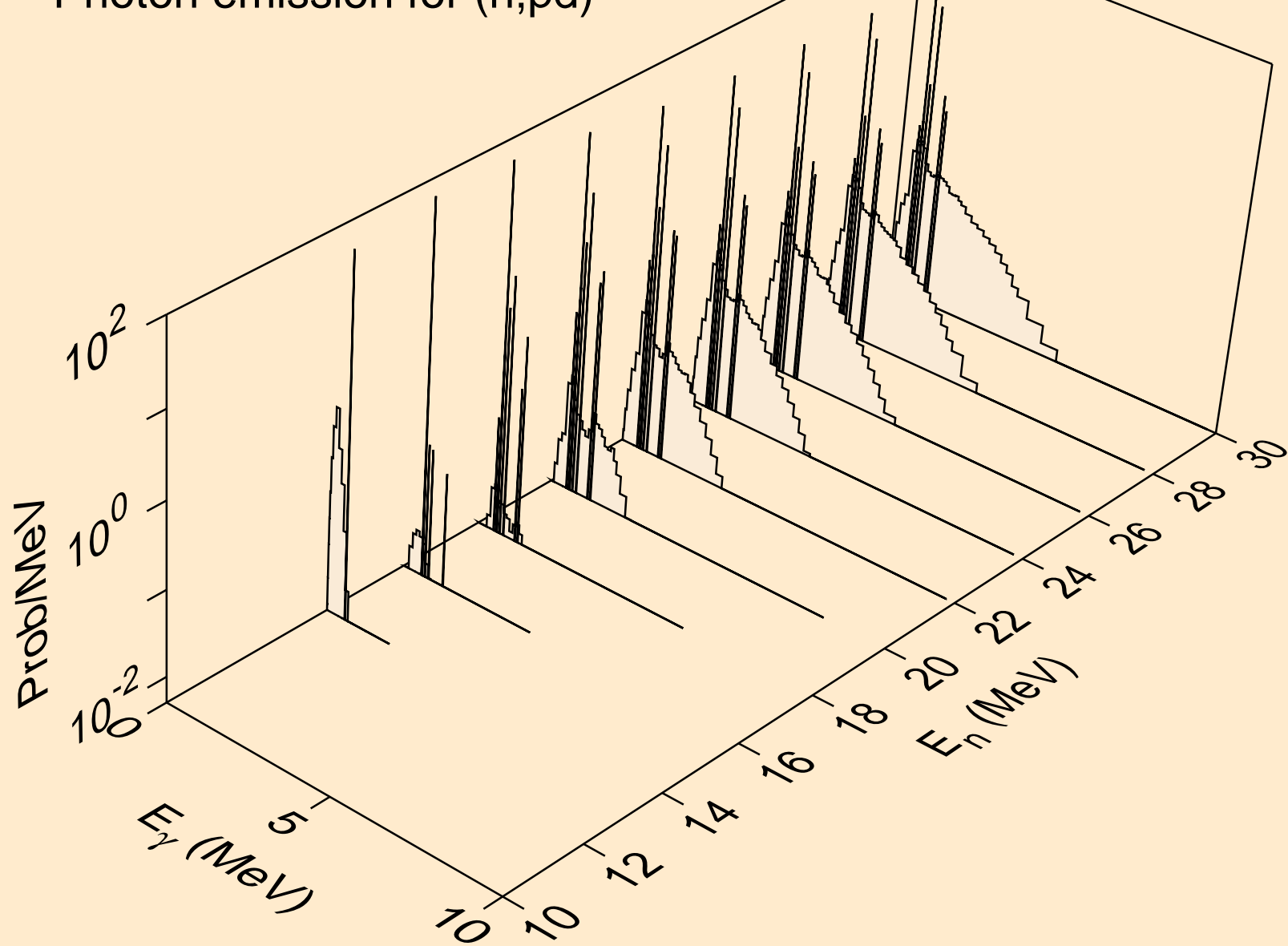
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Photon emission for (n,2p)



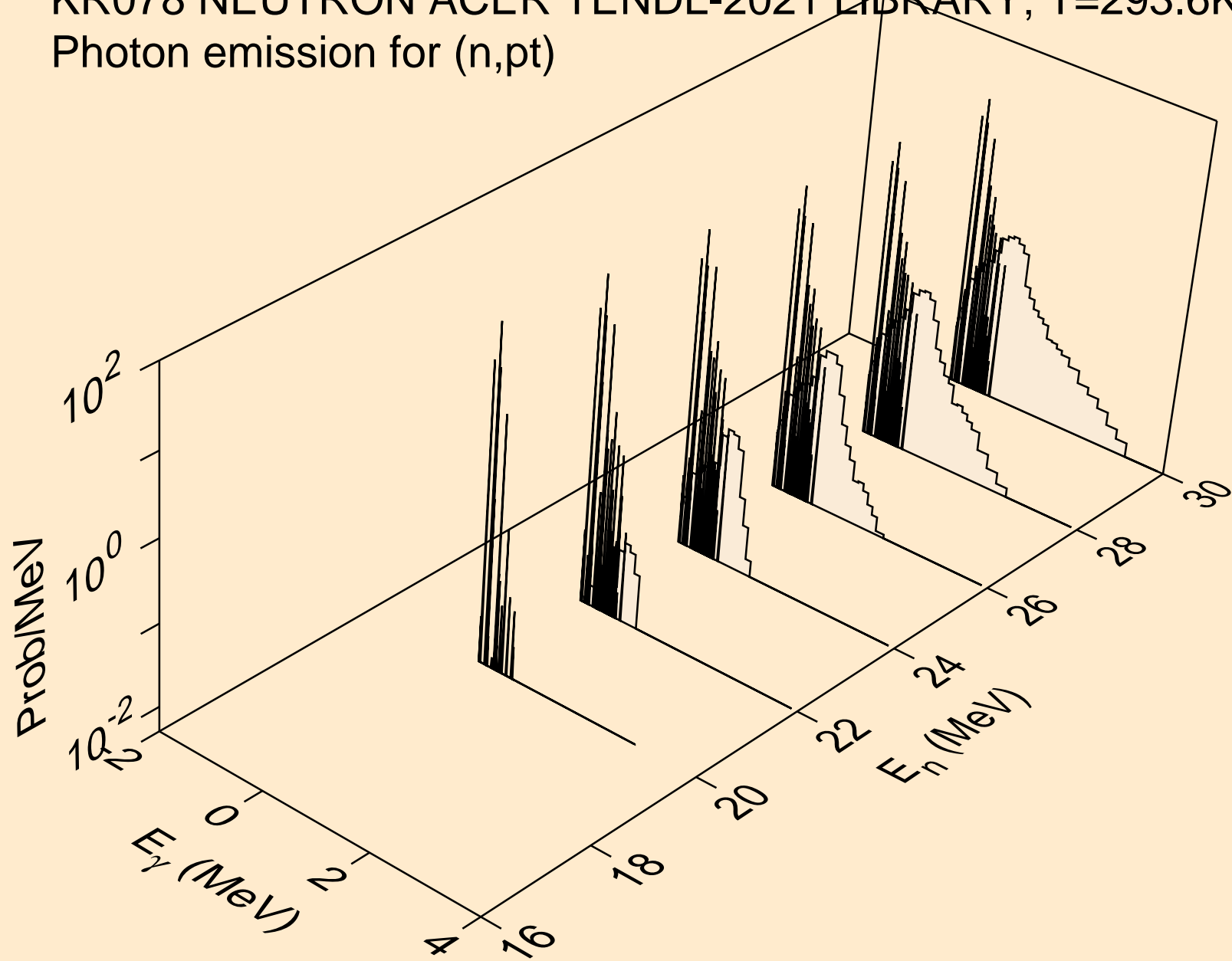
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Photon emission for (n,p $\alpha$ )



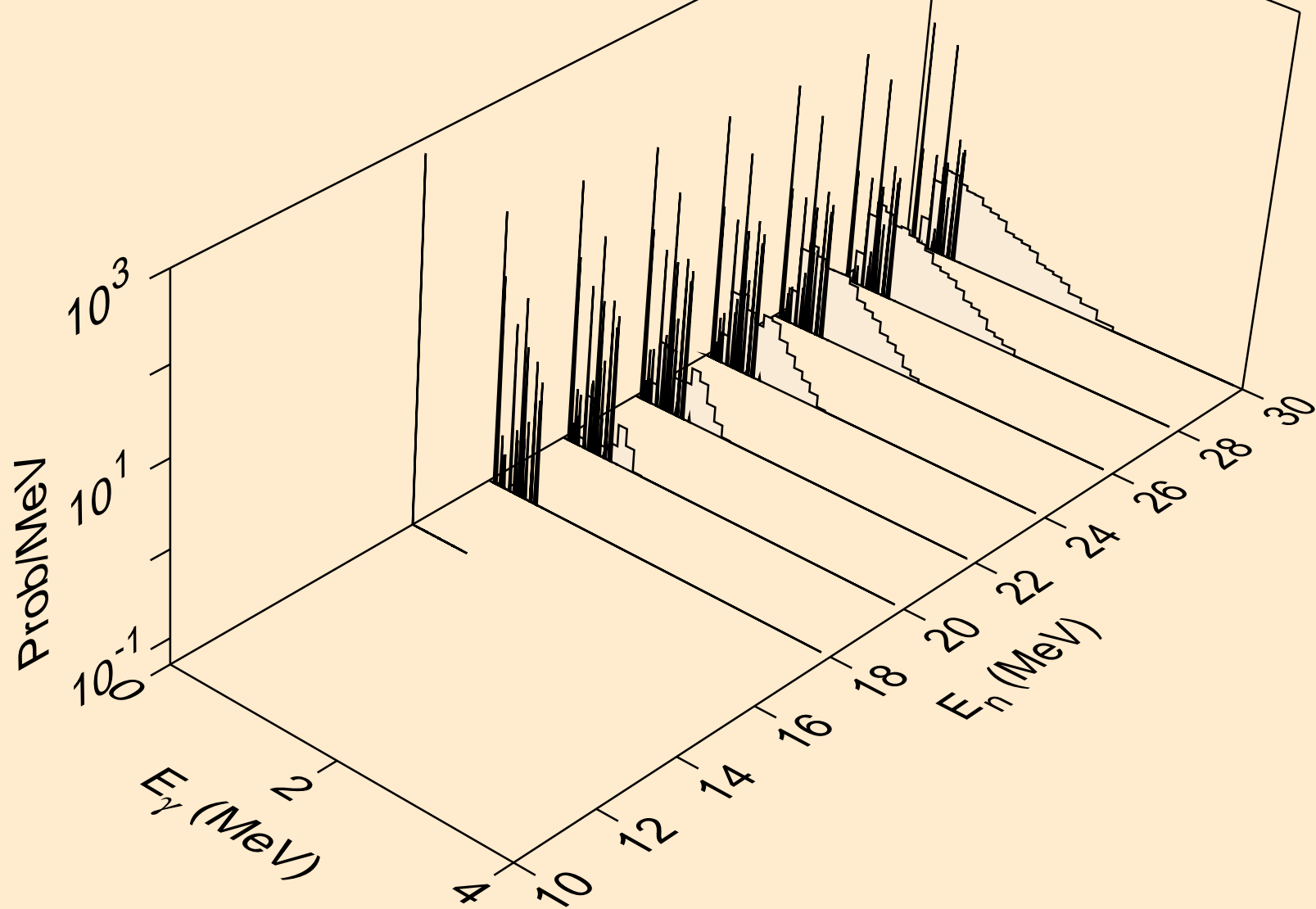
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Photon emission for (n,pd)



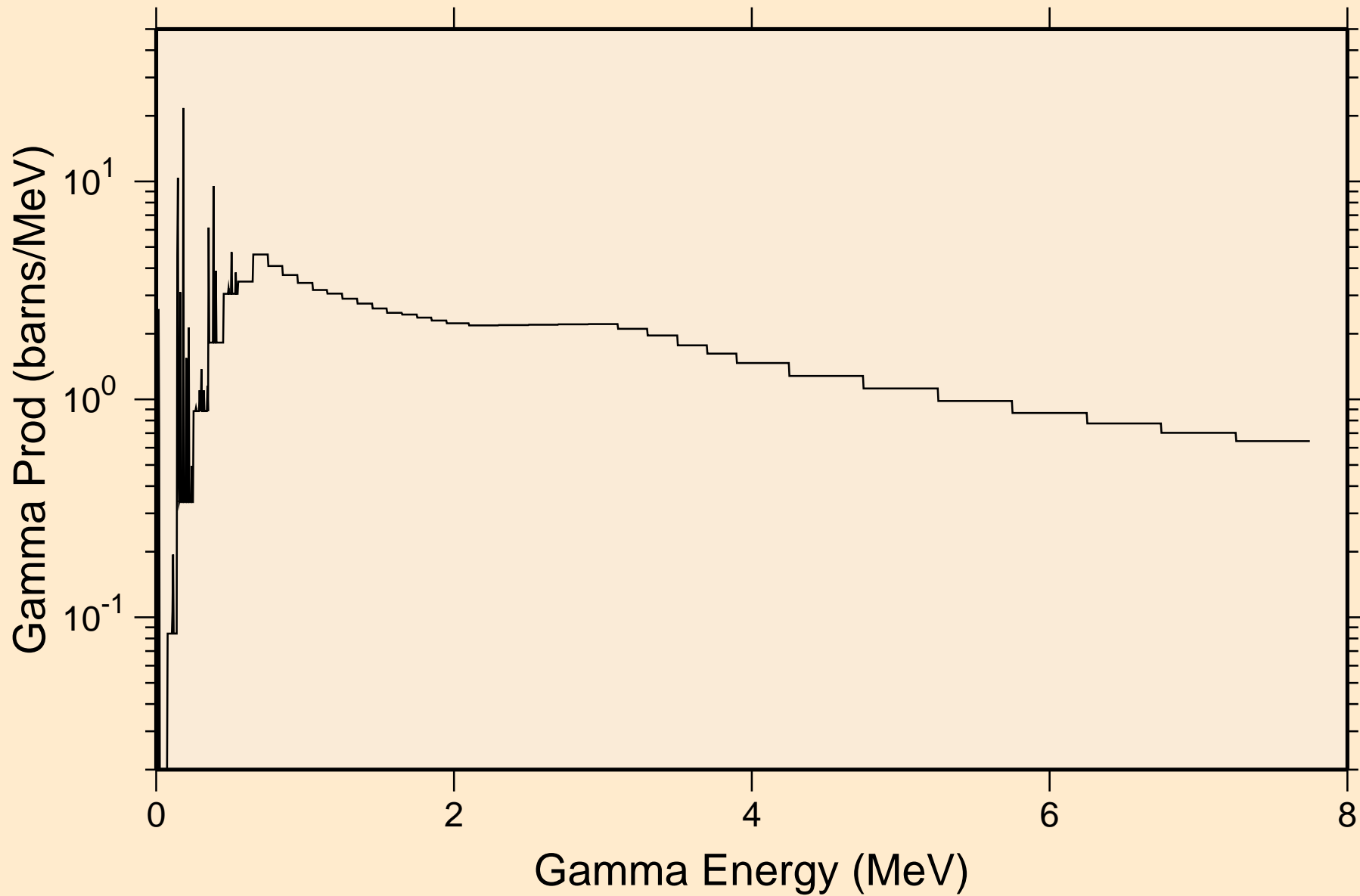
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Photon emission for (n,pt)



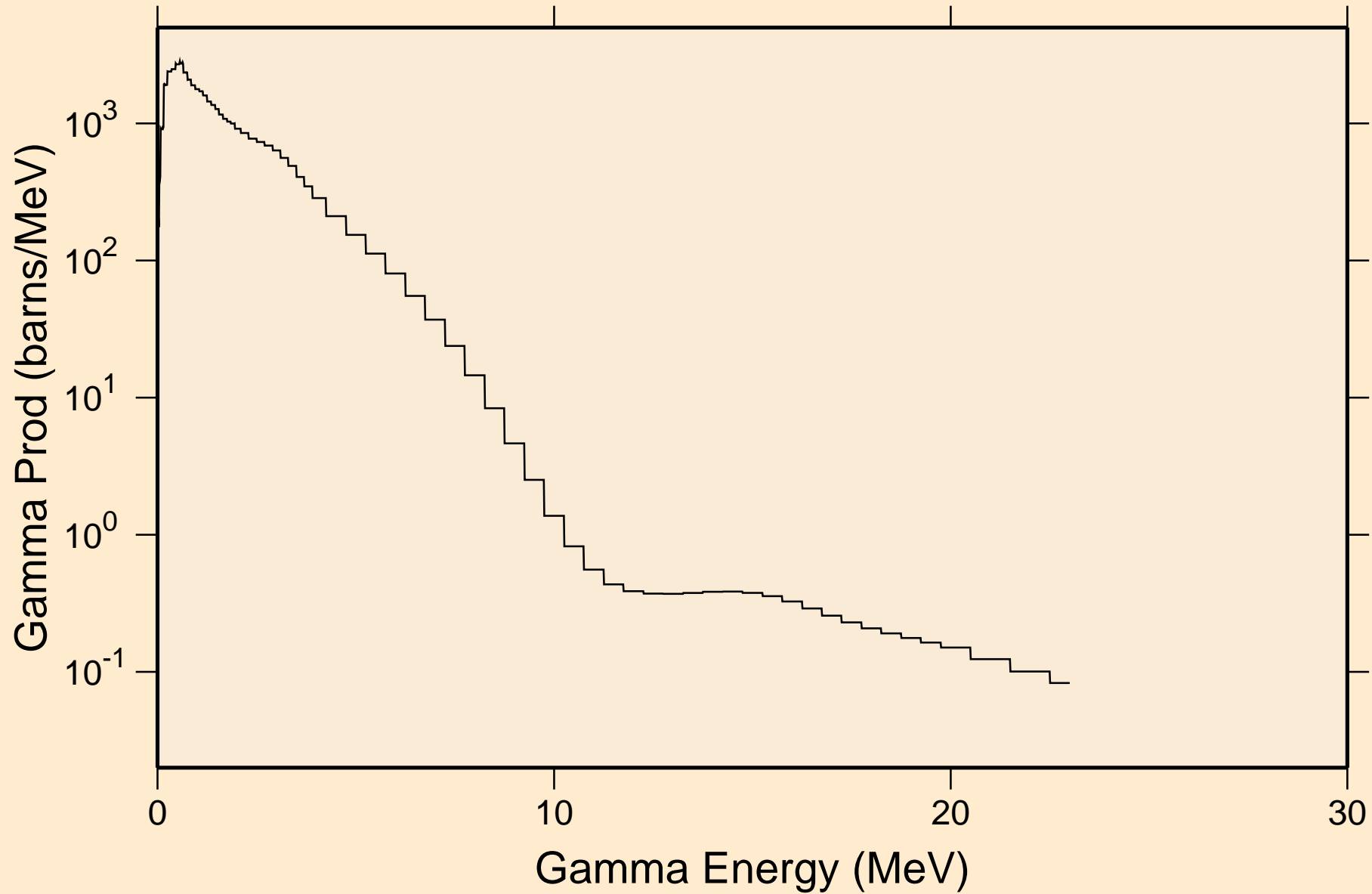
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



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thermal capture photon spectrum

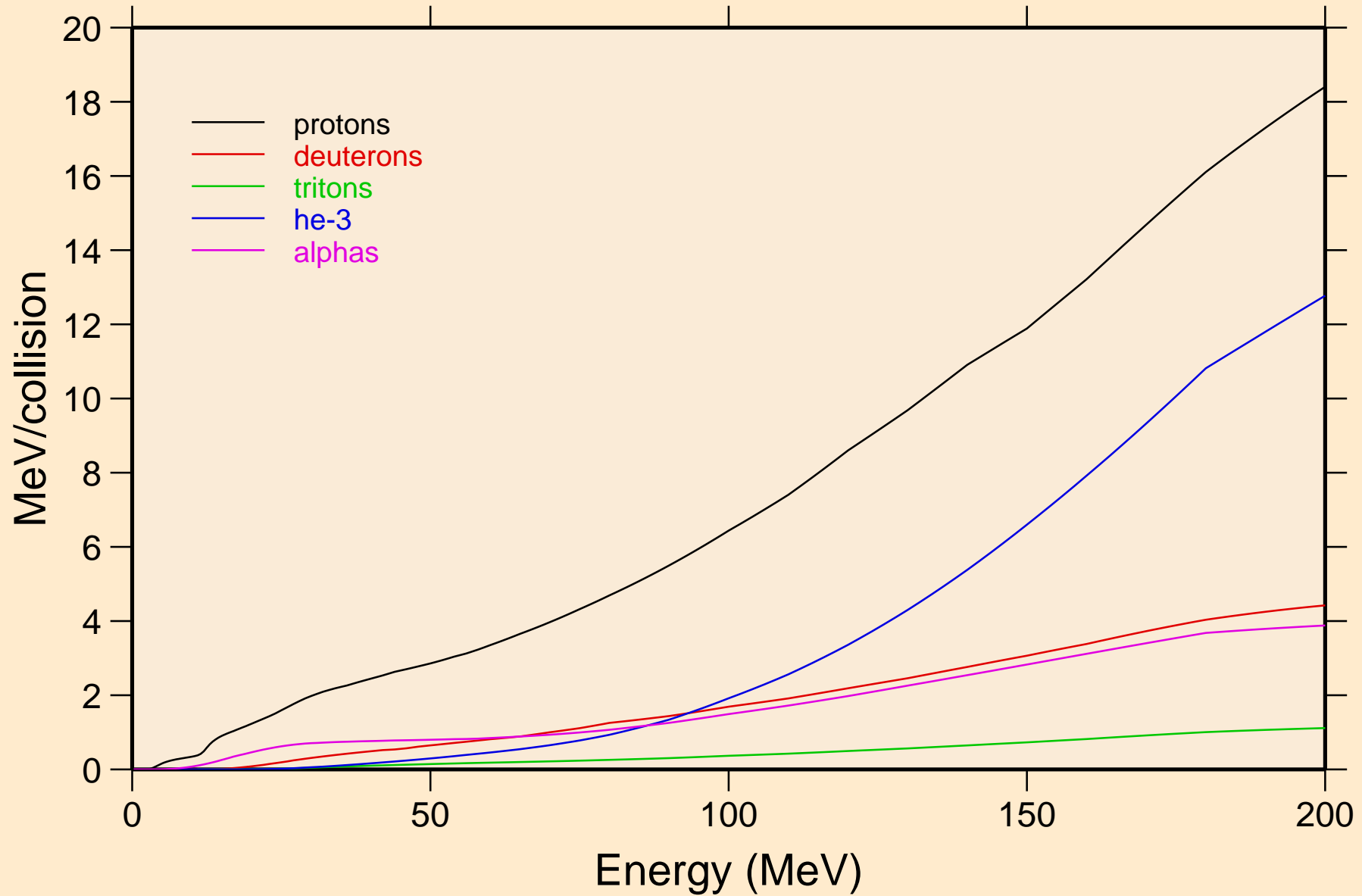


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



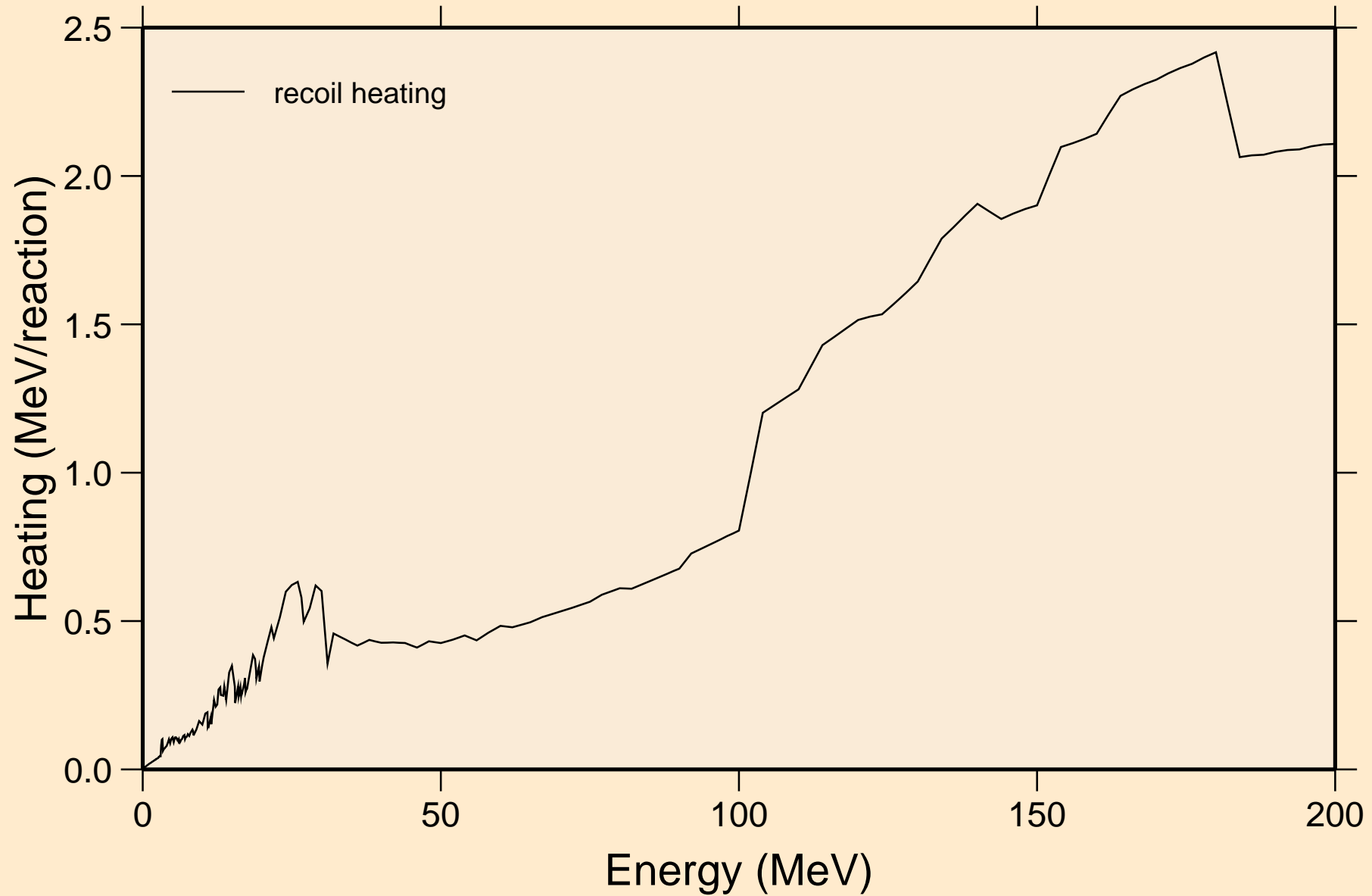
# KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions



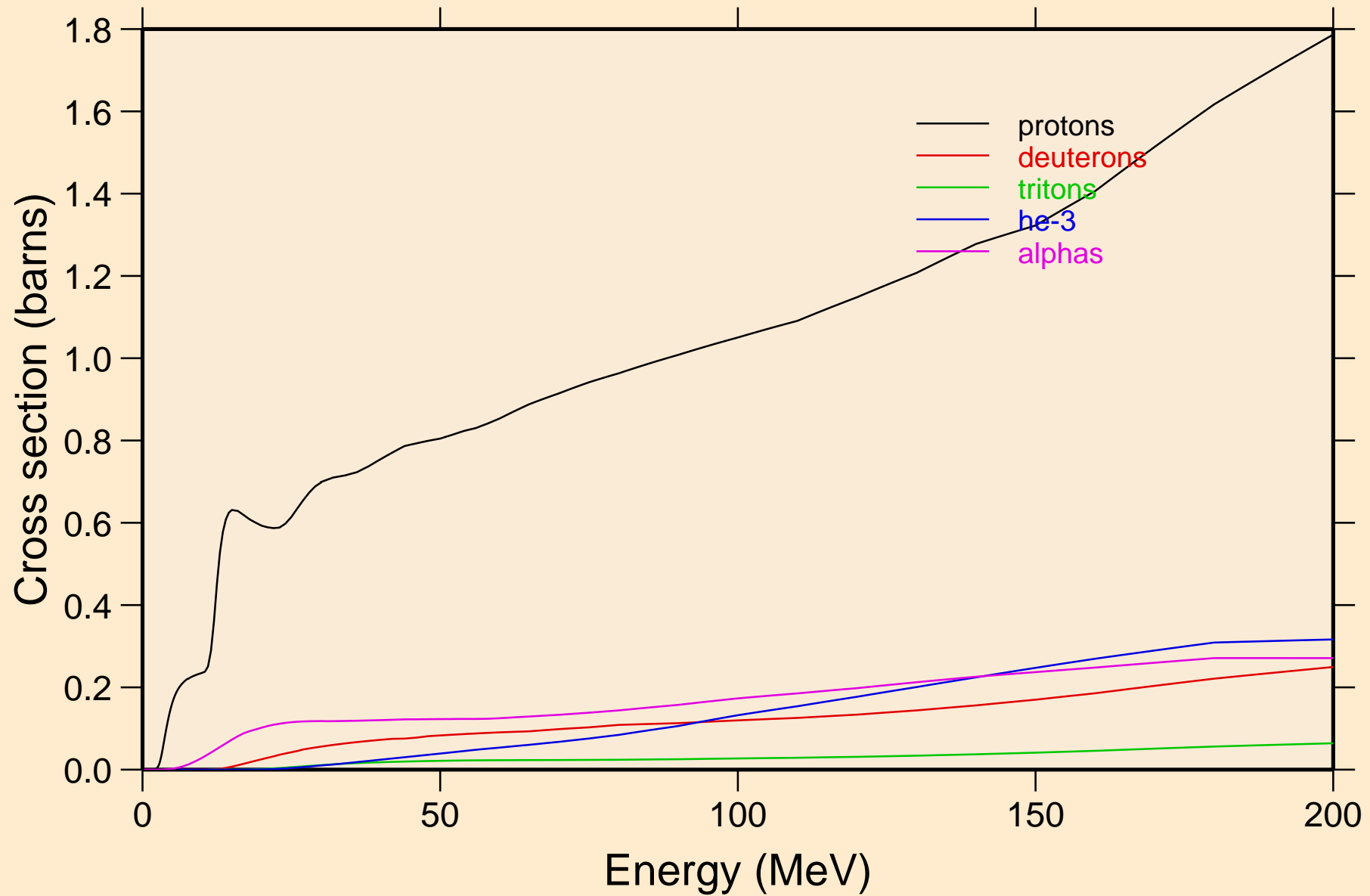


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

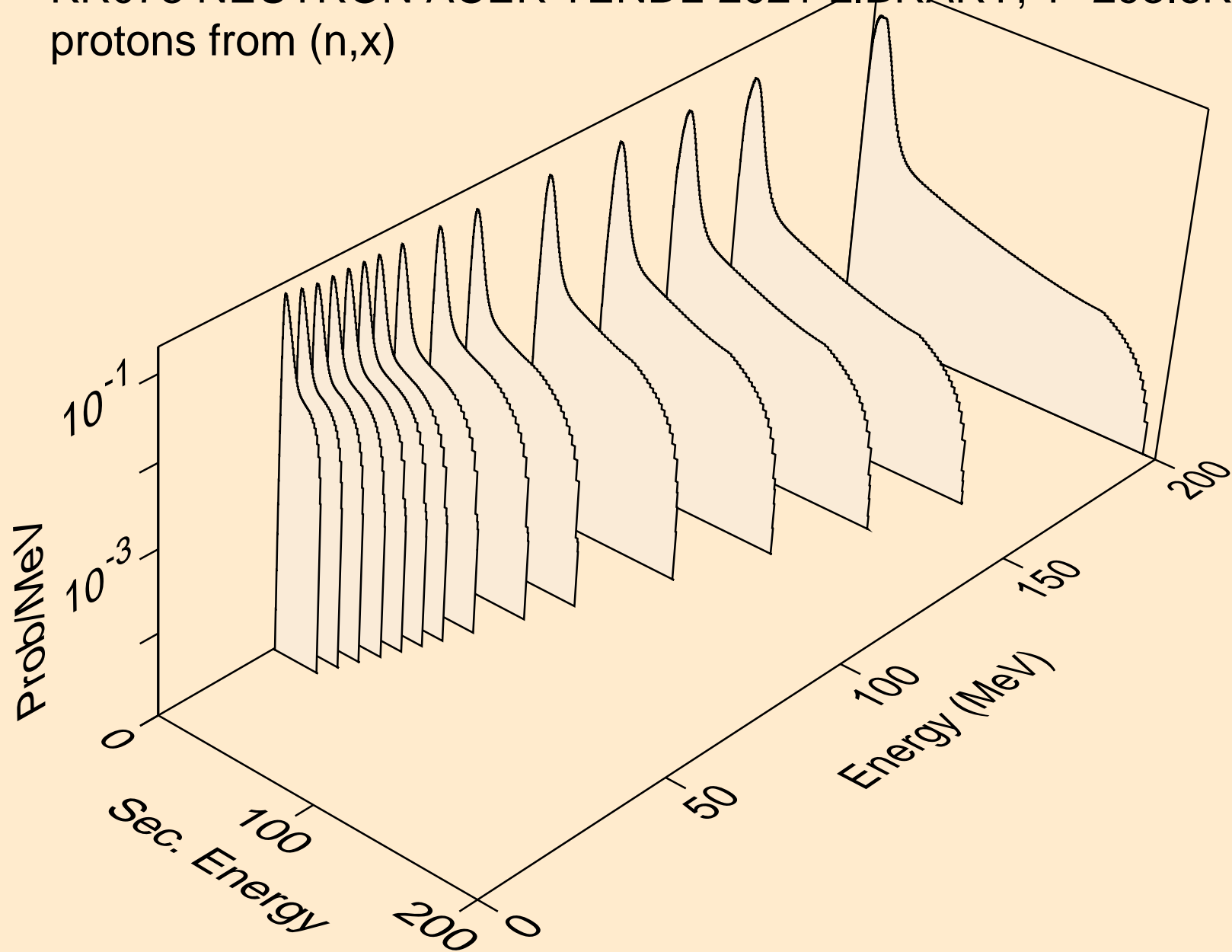


# KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

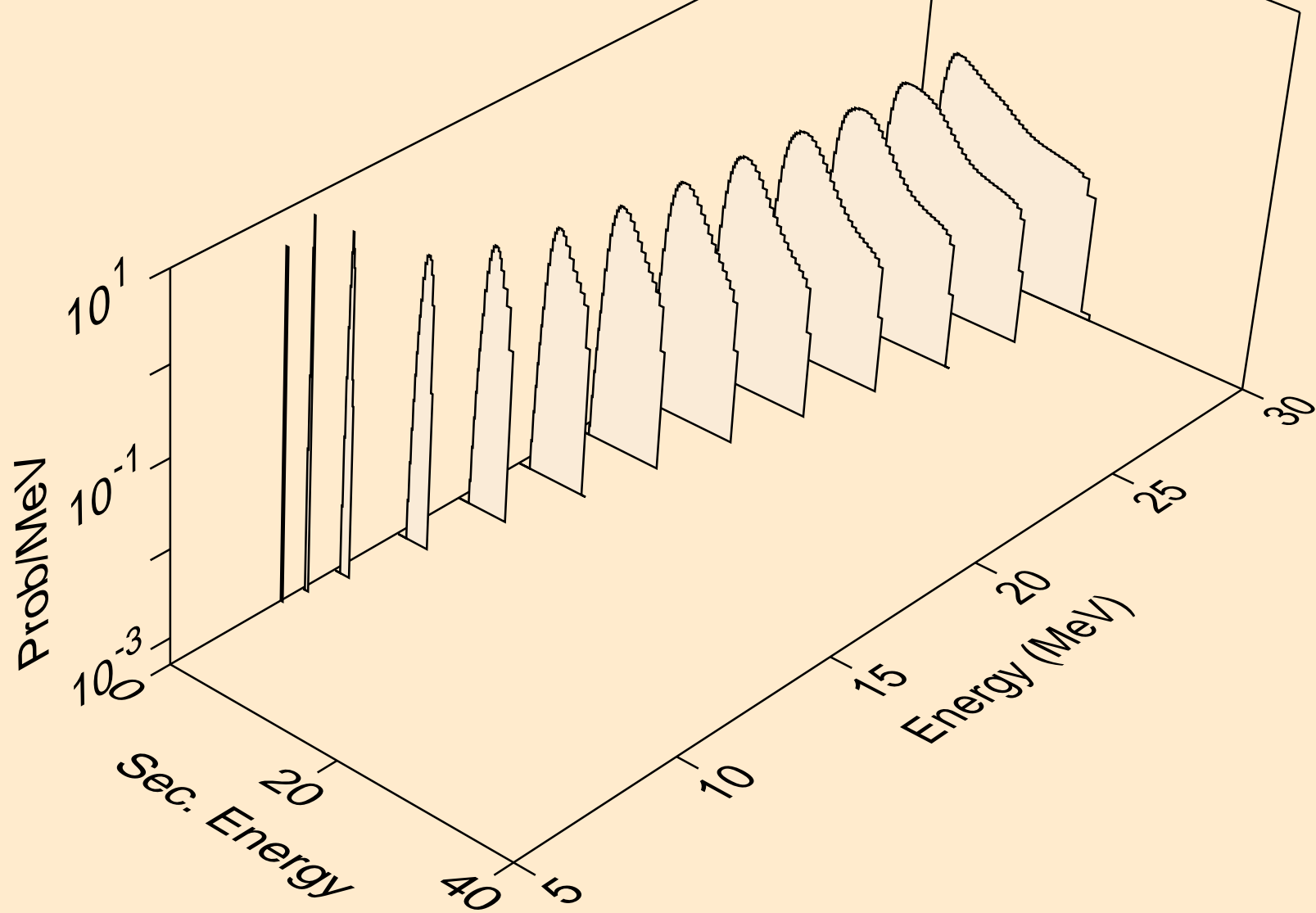
## Particle production cross sections



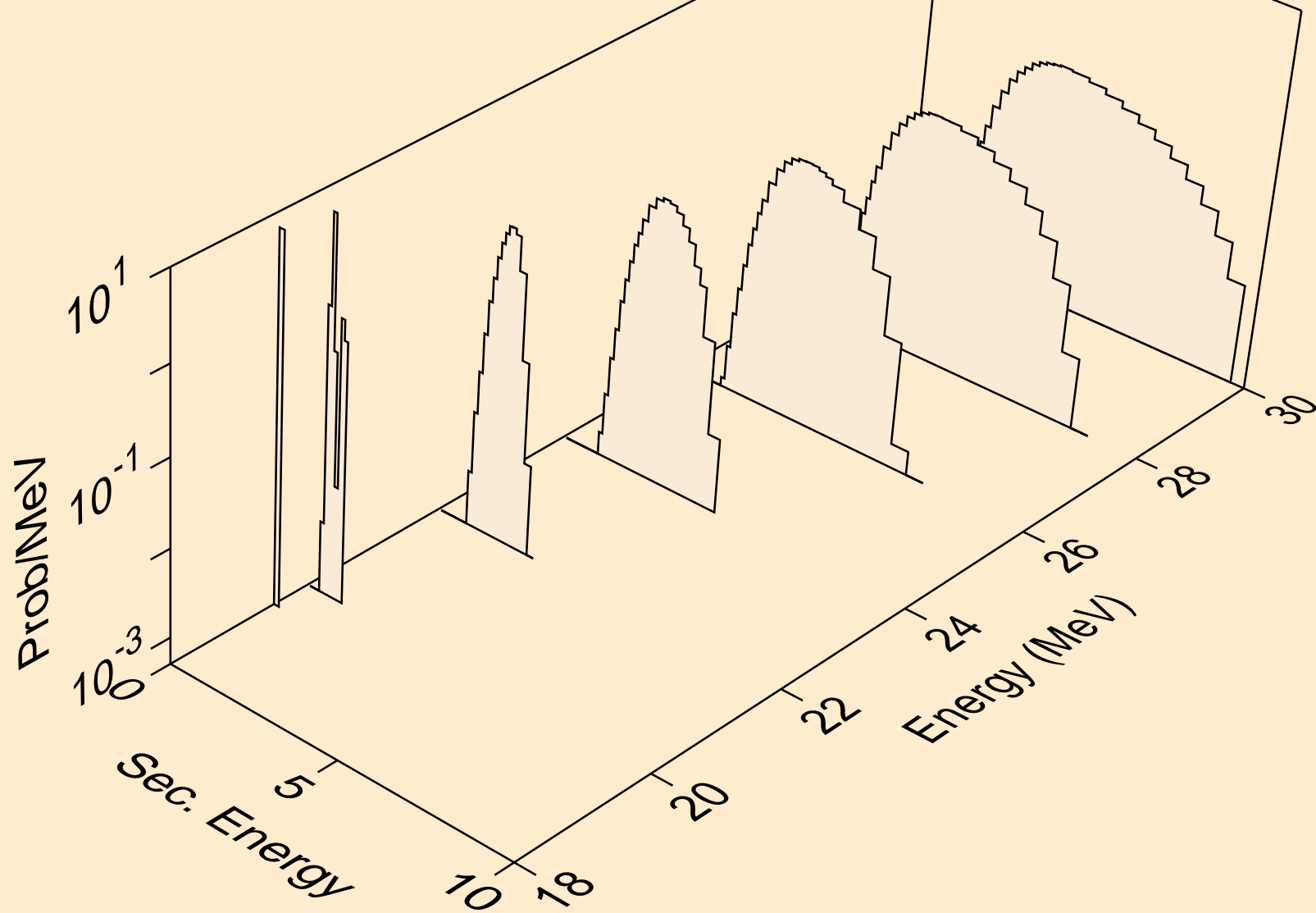
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



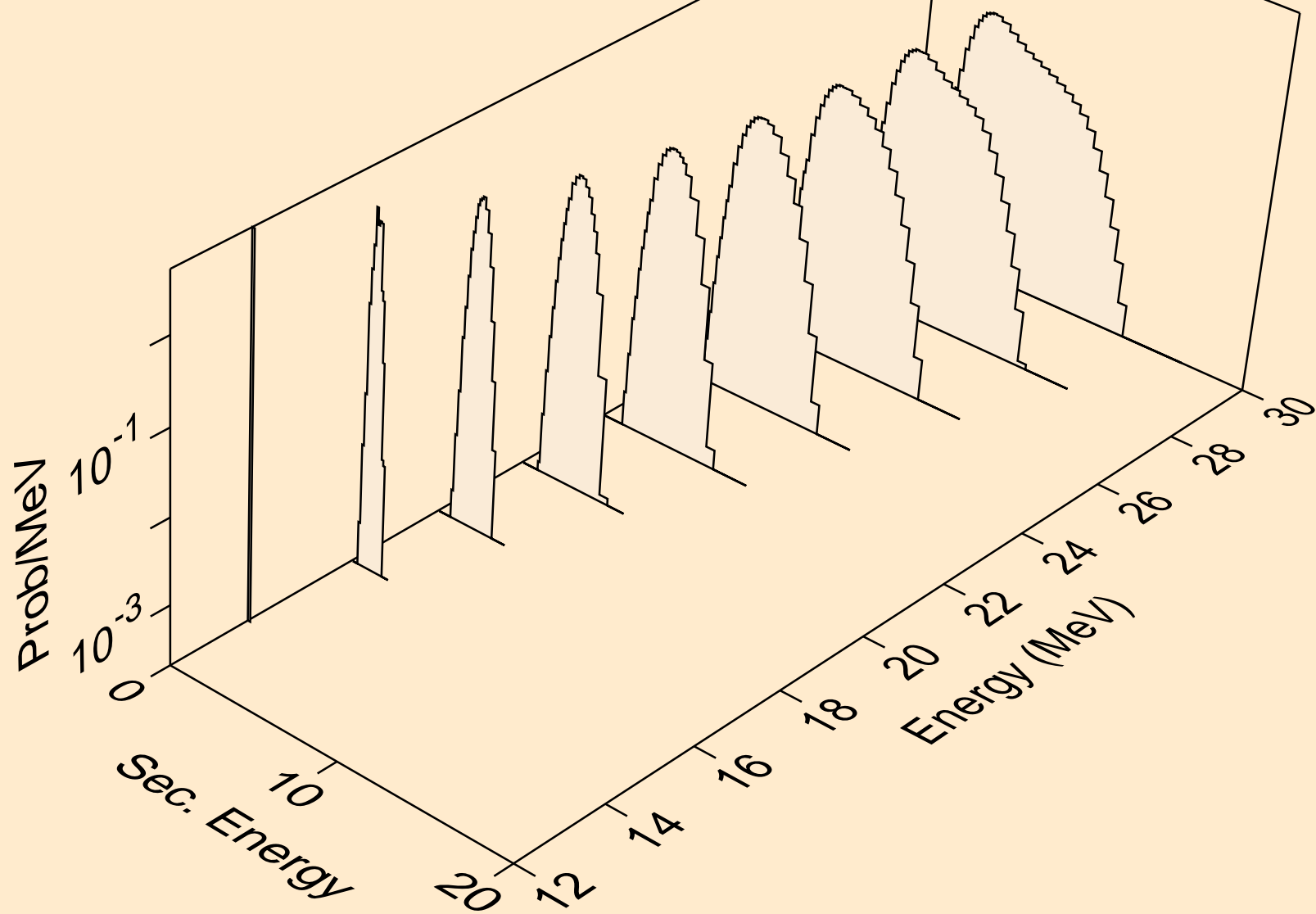
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protons from (n,n\*)p



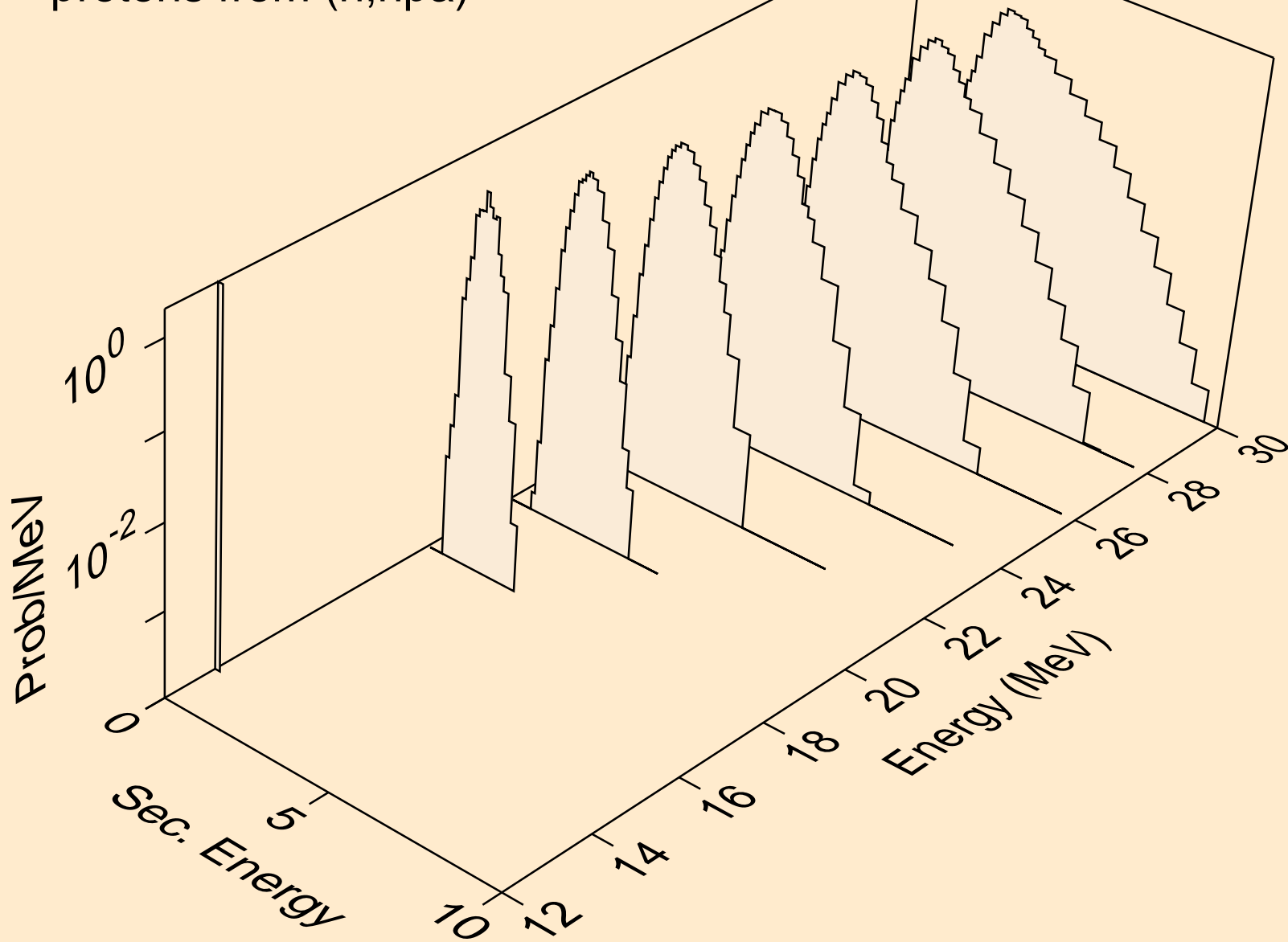
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protons from (n,2np)



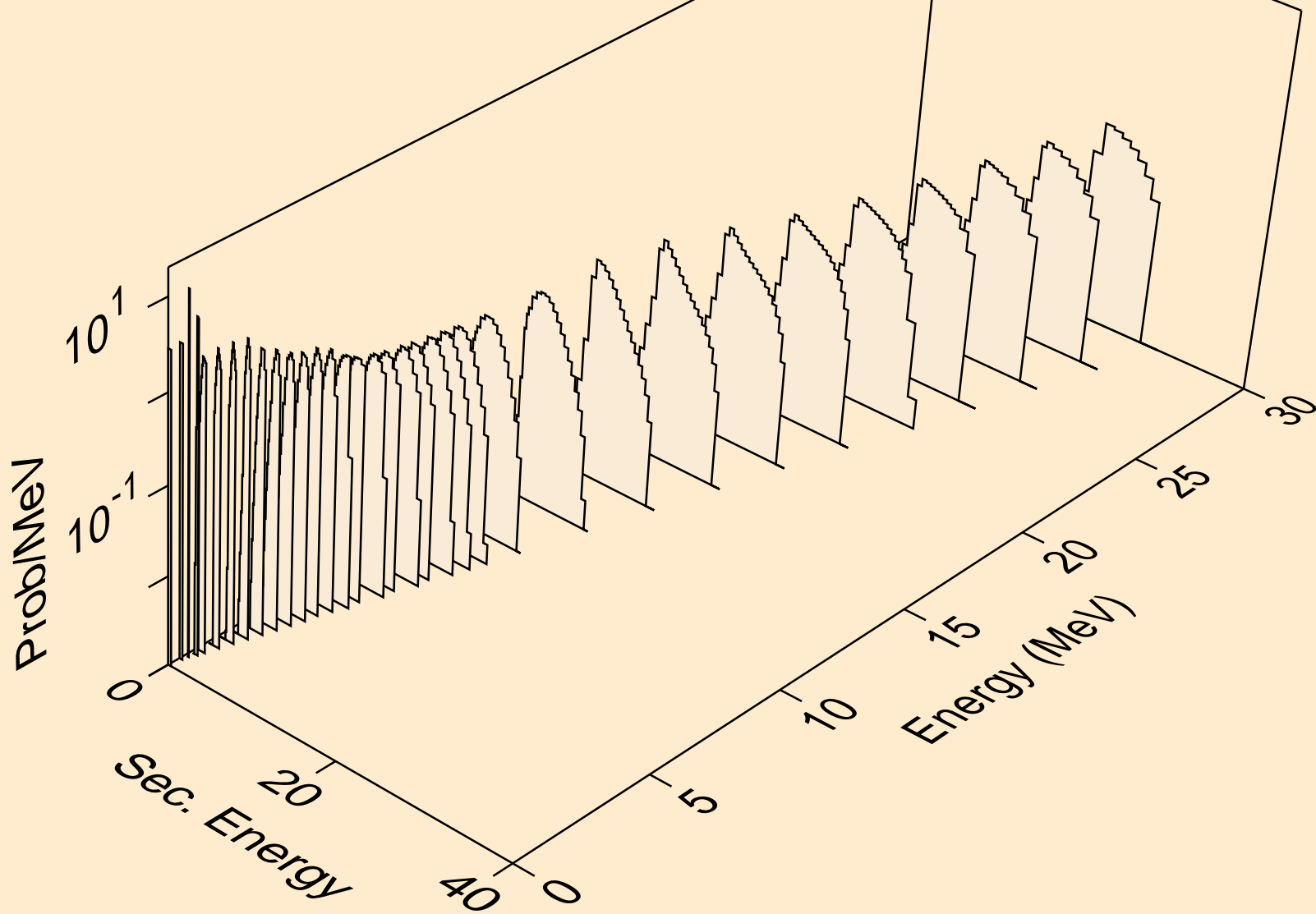
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KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

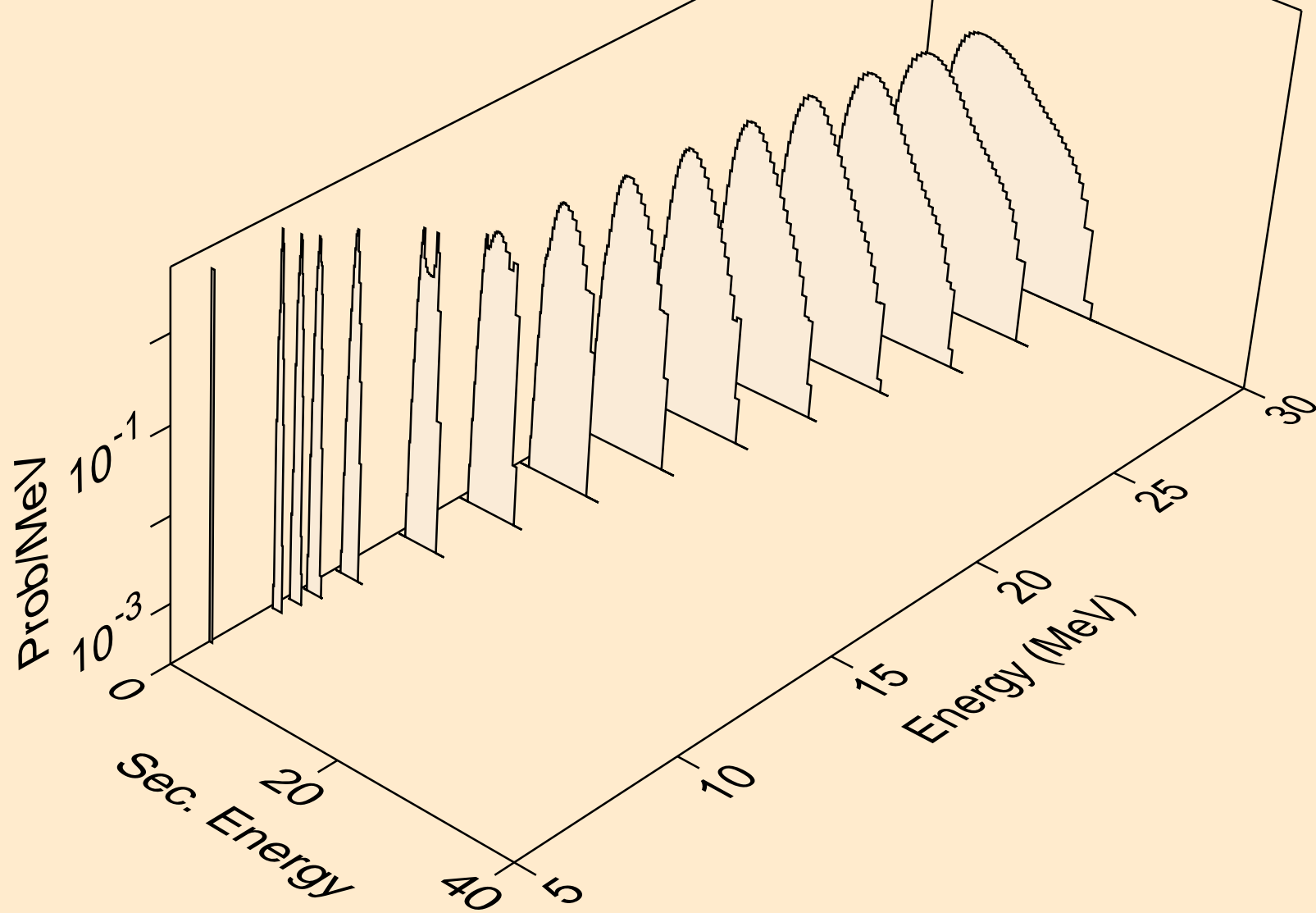


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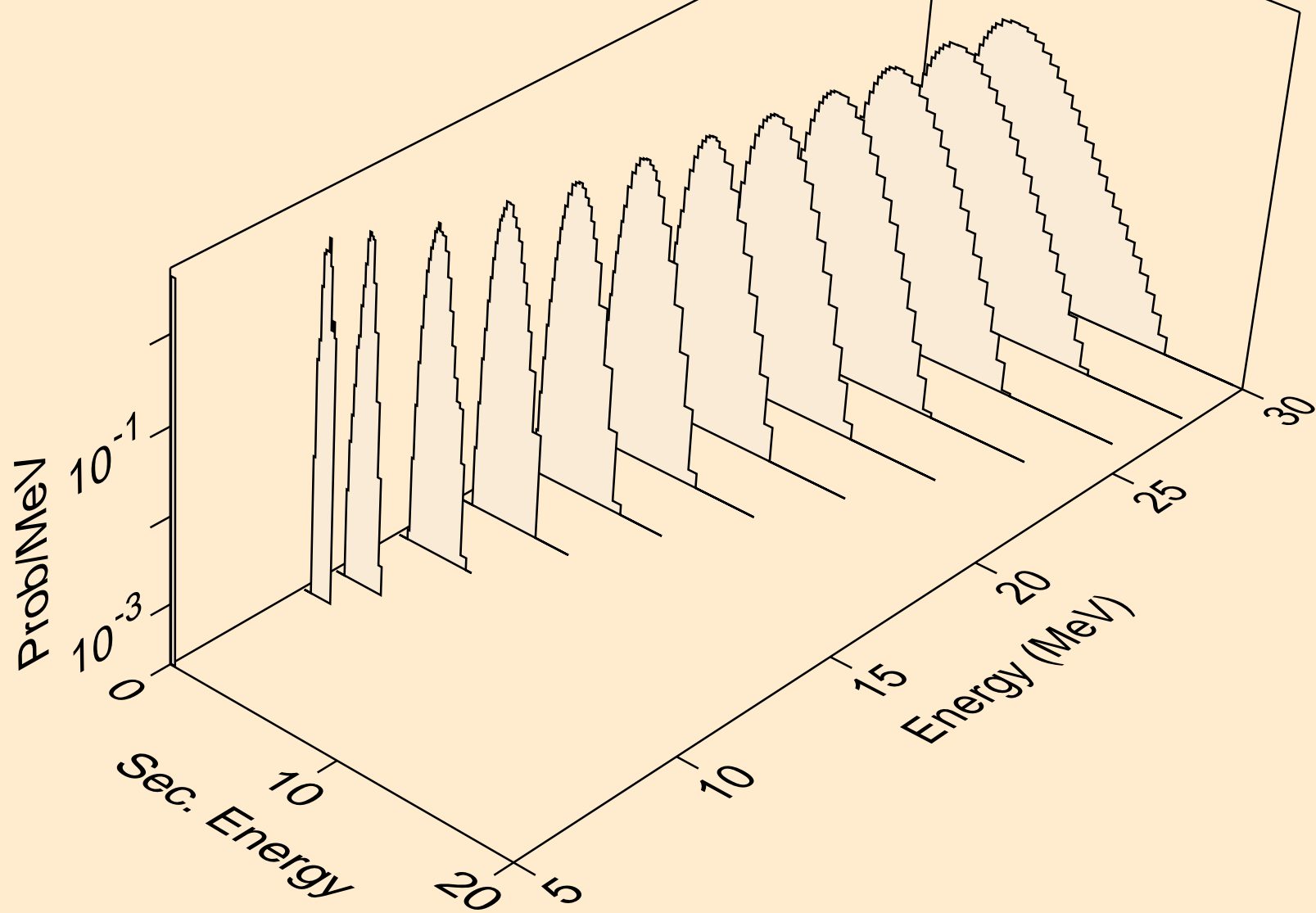




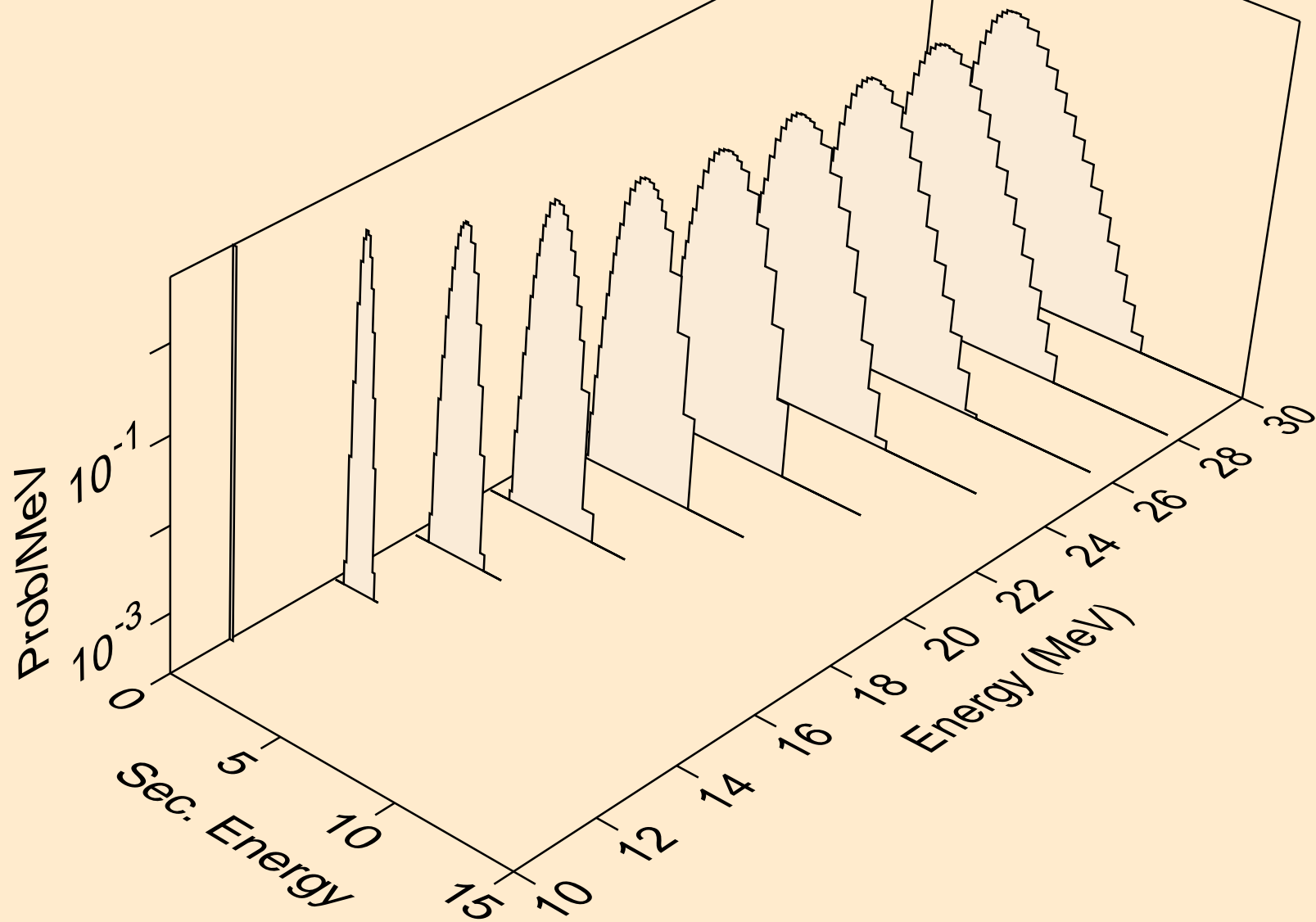
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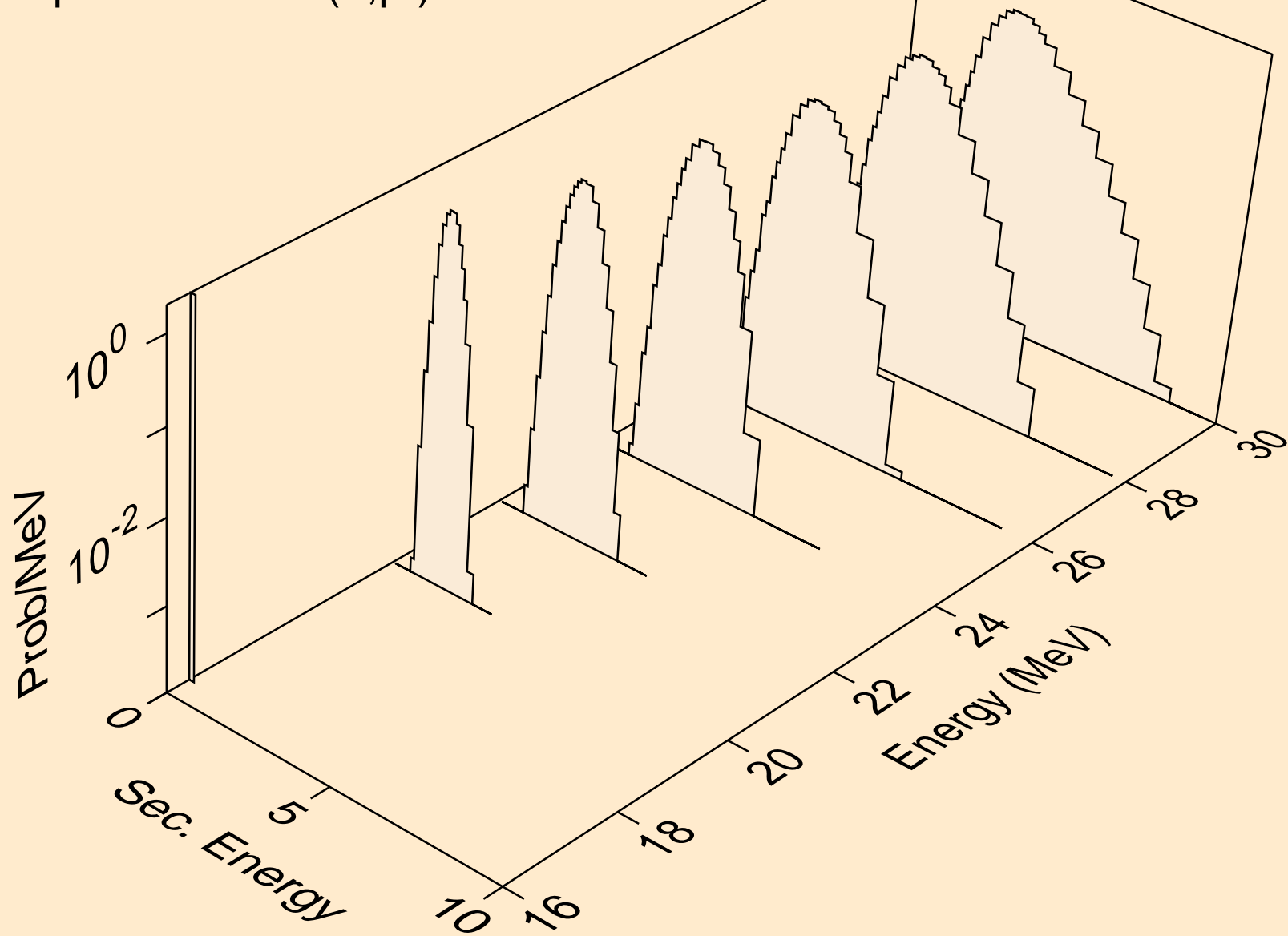
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protons from (n,p)



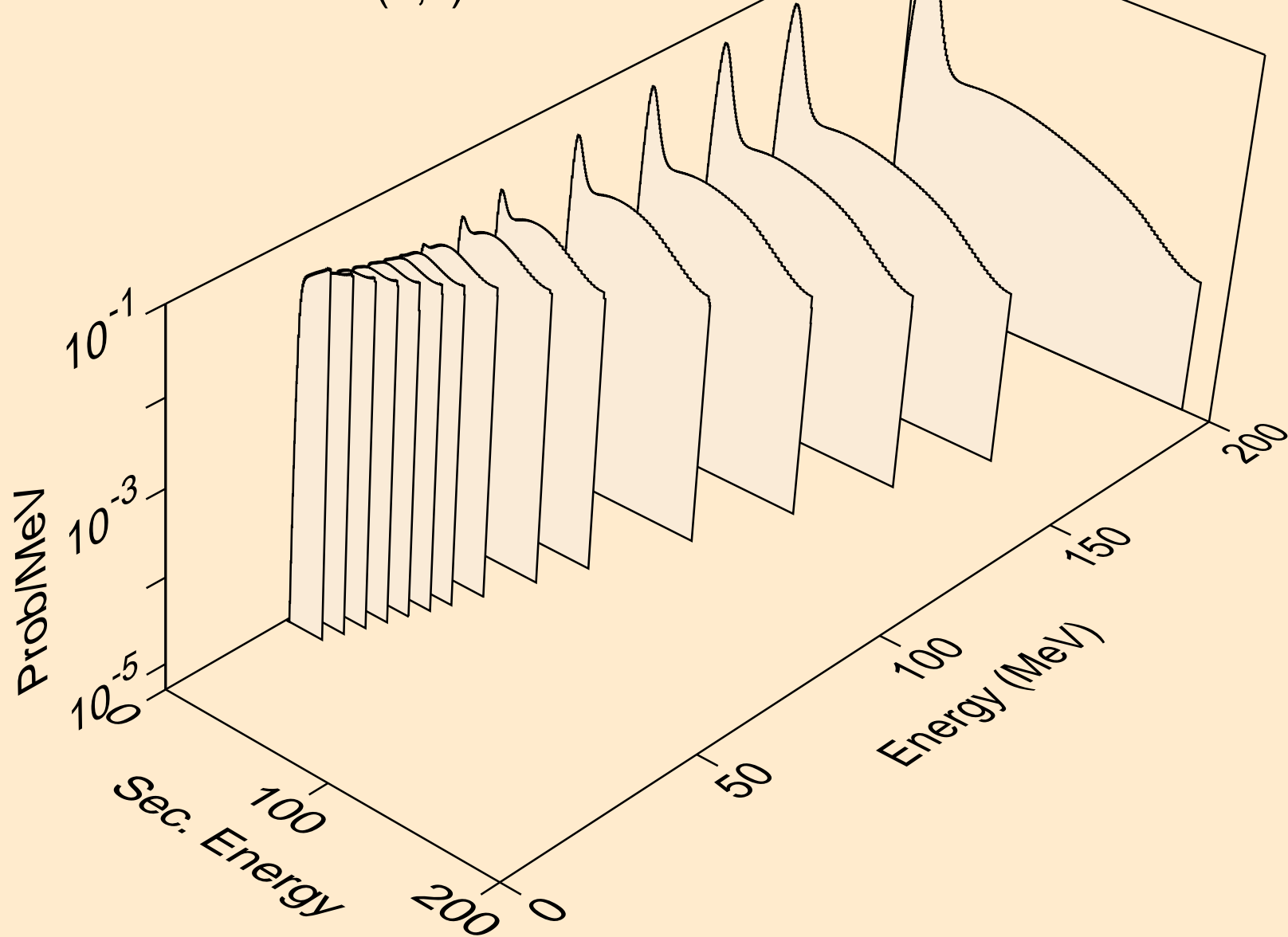
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protons from (n,pd)



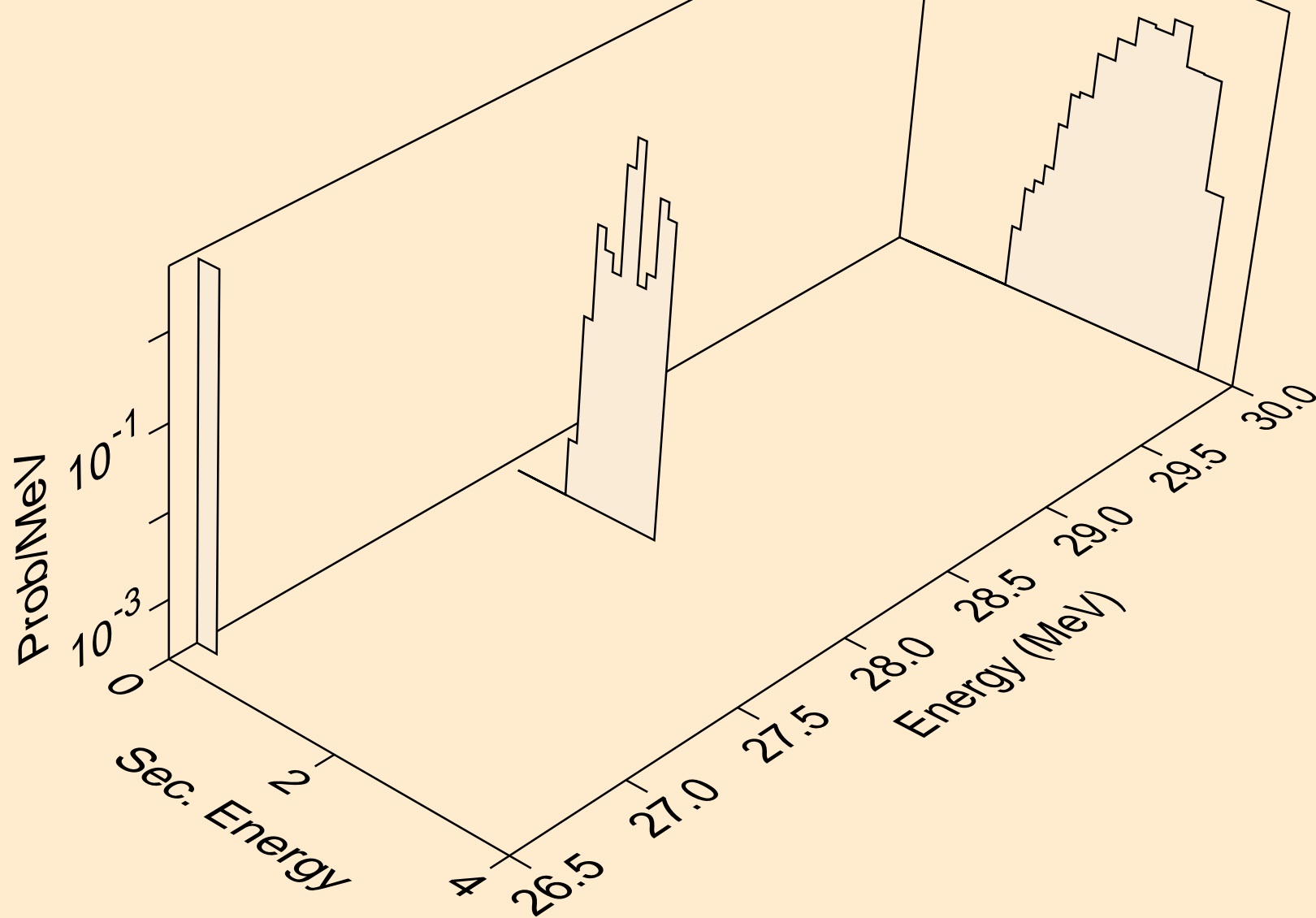
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protons from (n,pt)



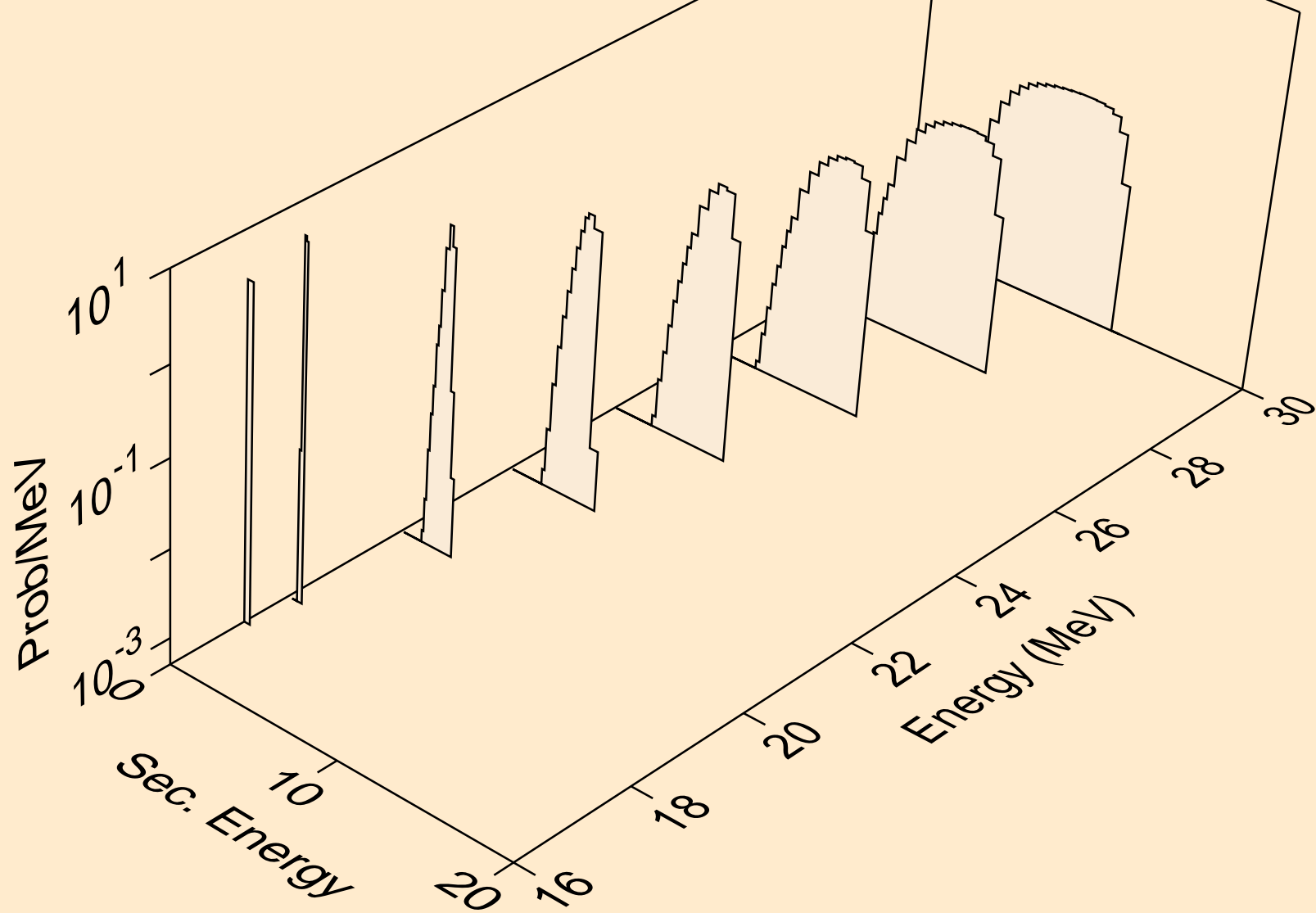
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deuterons from (n,x)



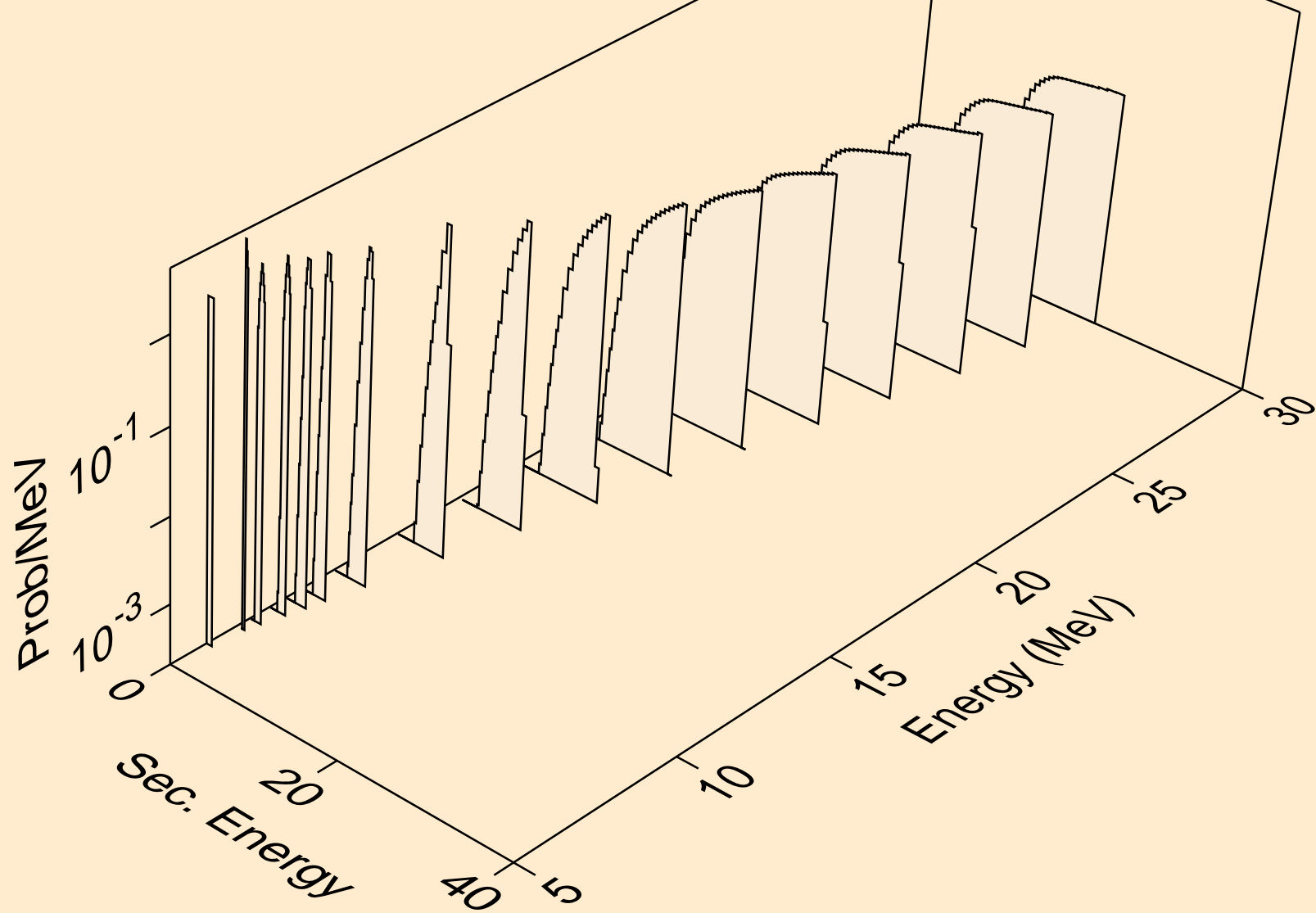
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KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

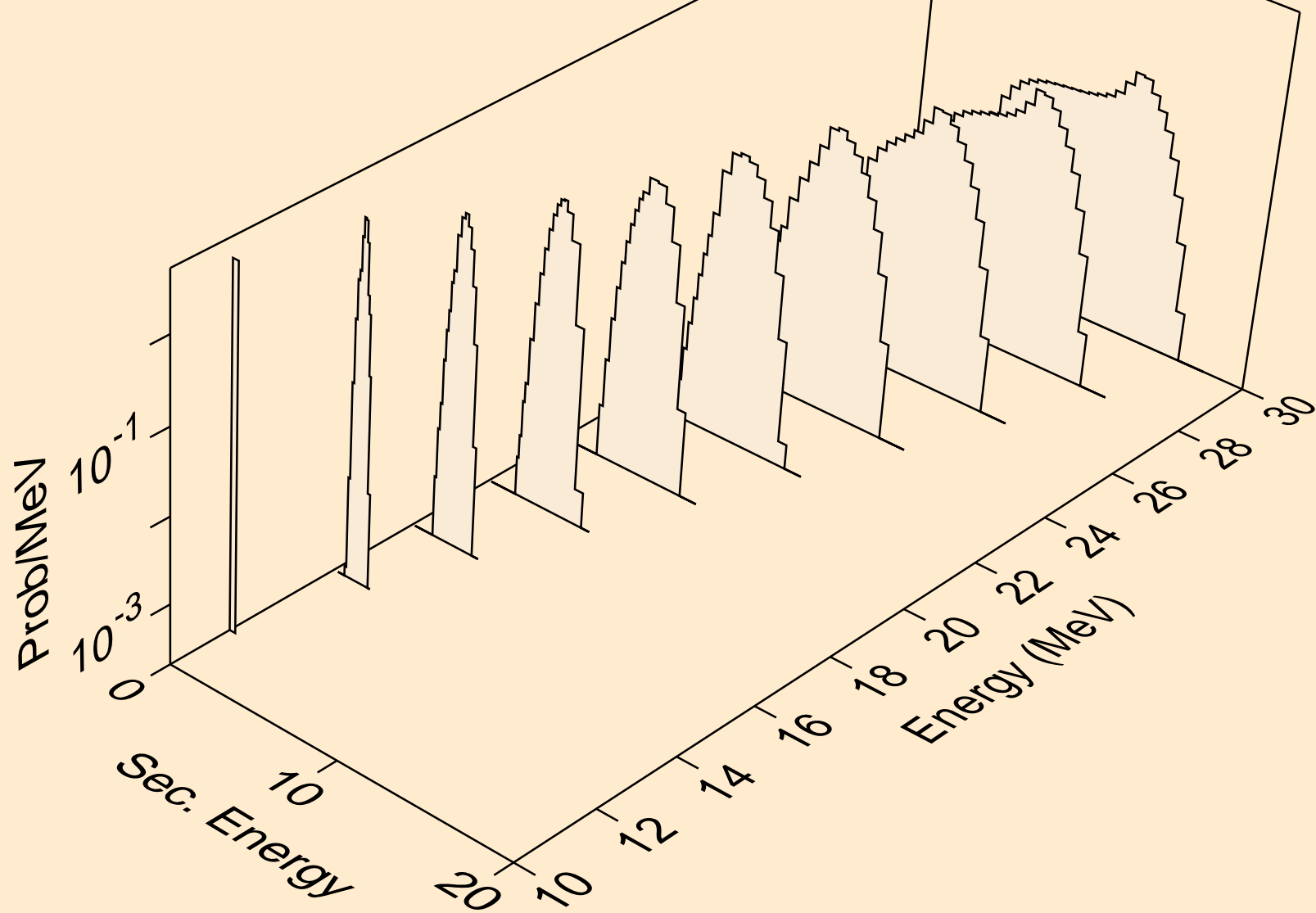


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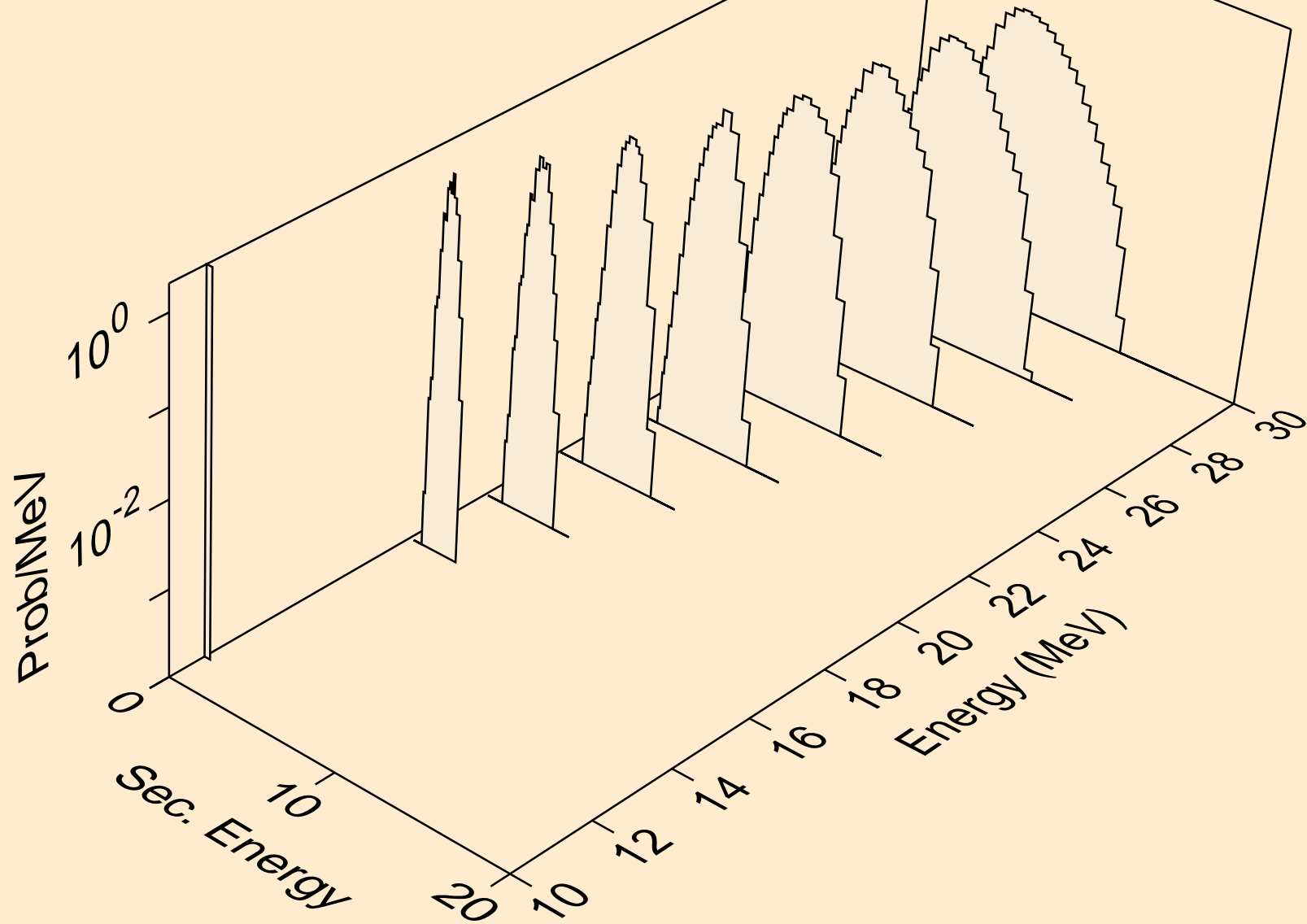




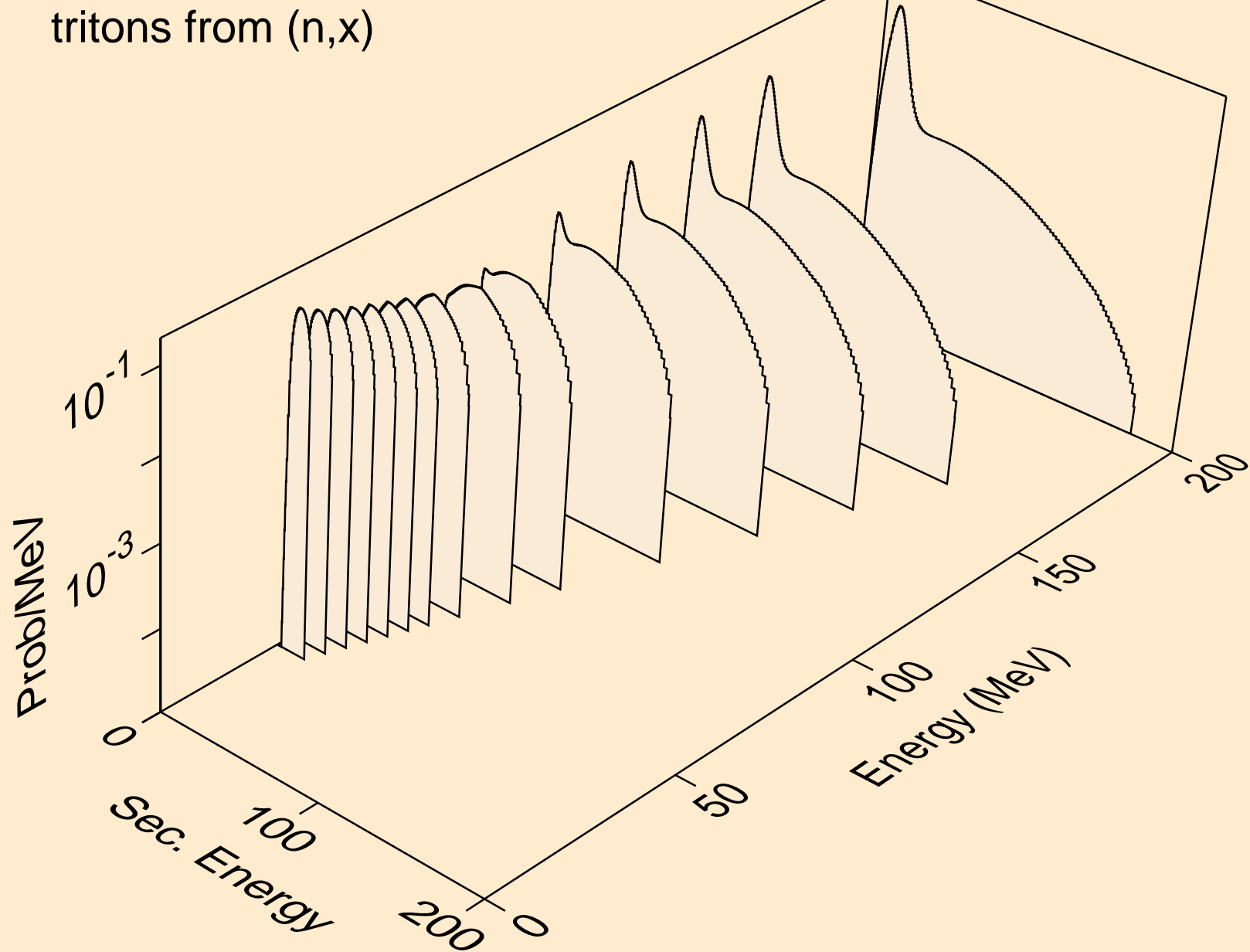
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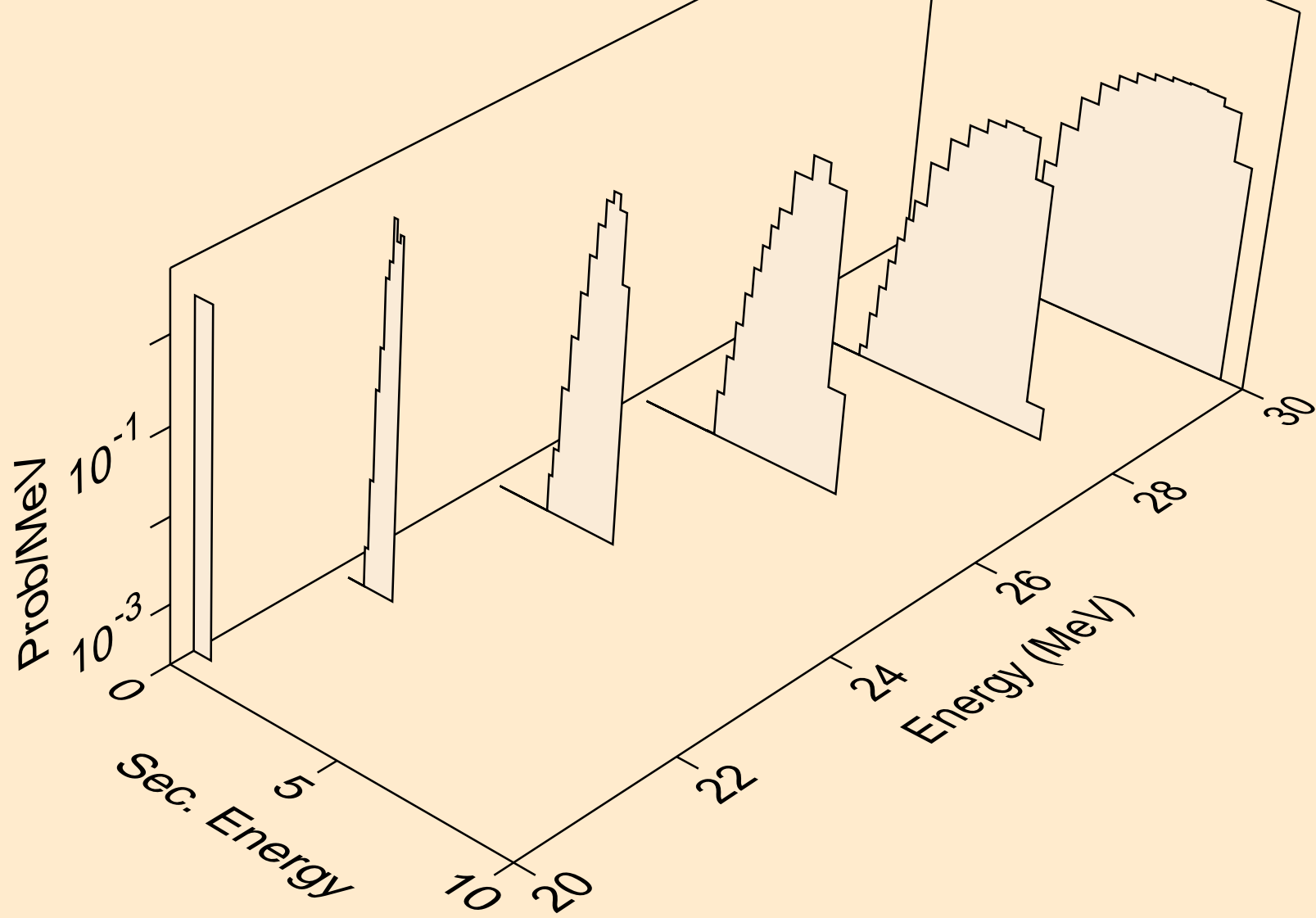
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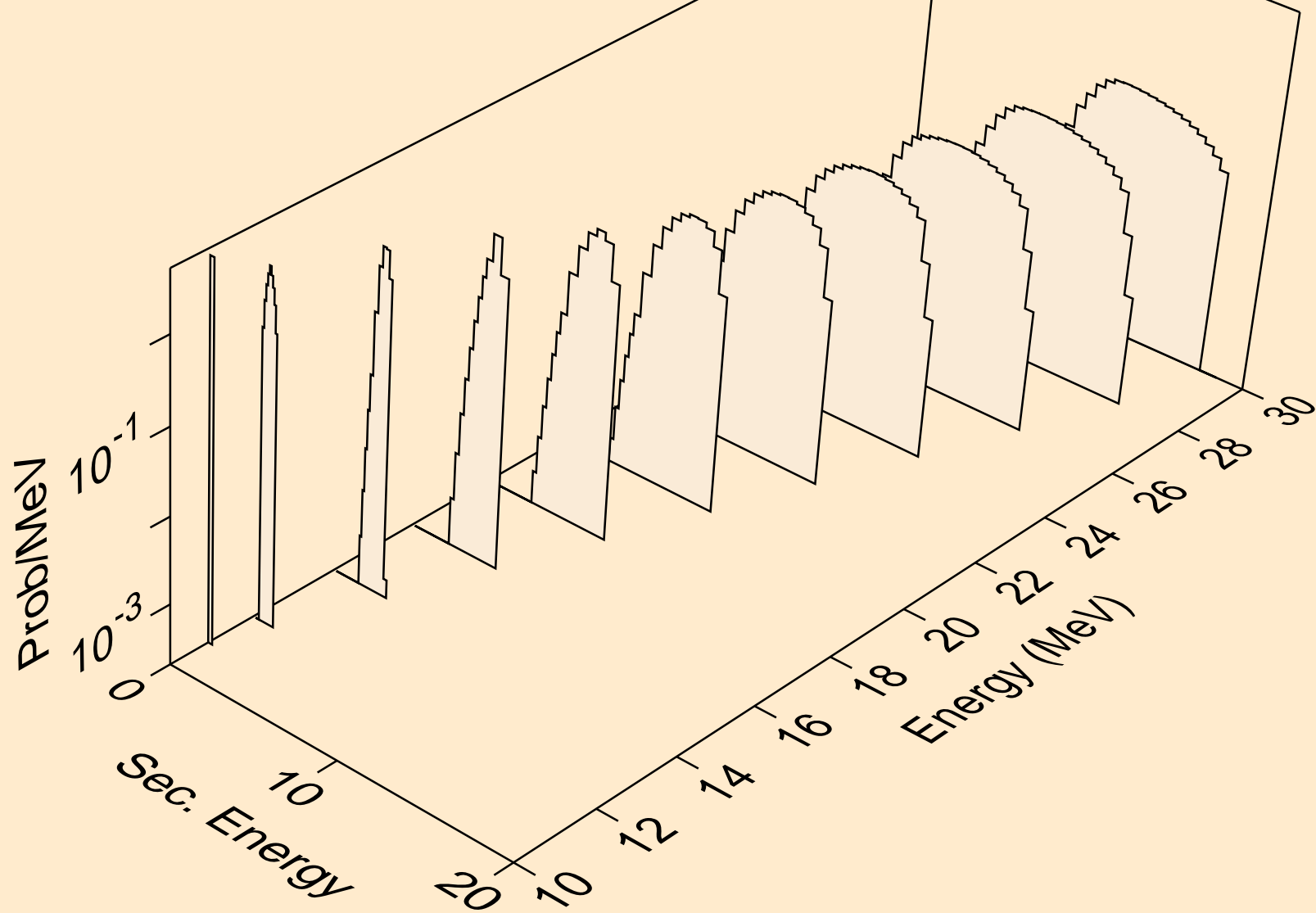
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tritons from (n,x)



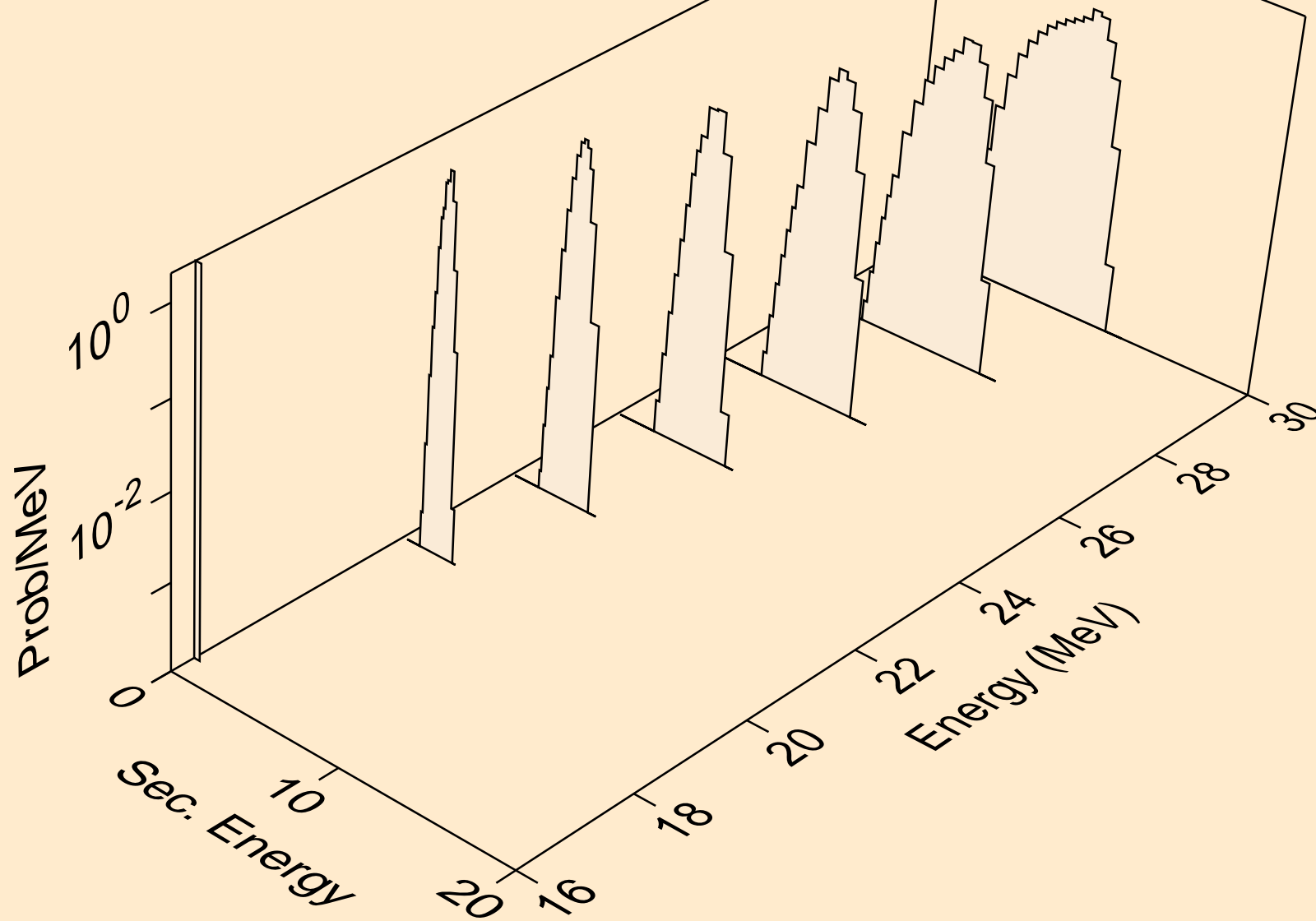
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



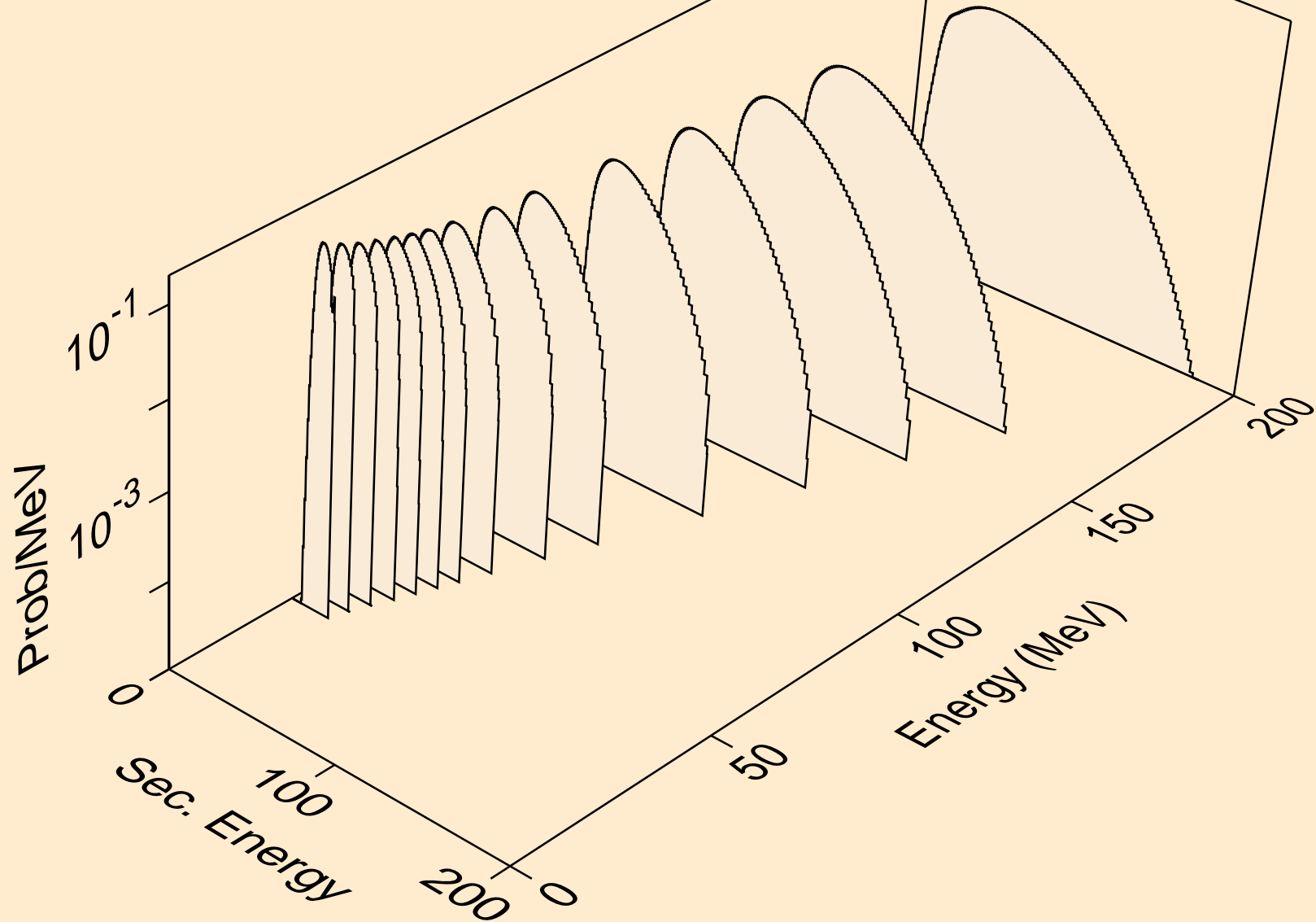
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tritons from (n,t)



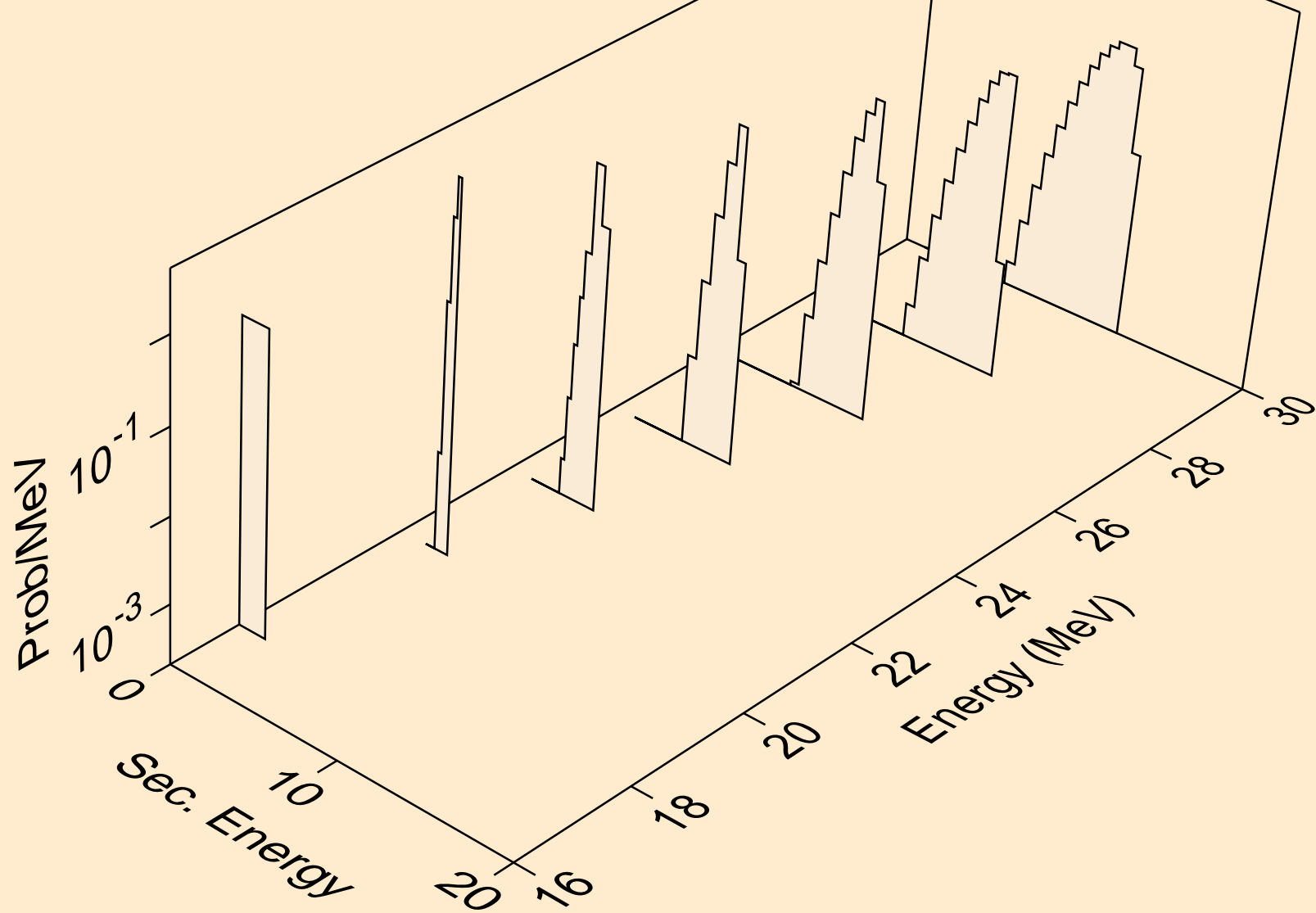
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tritons from (n,pt)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

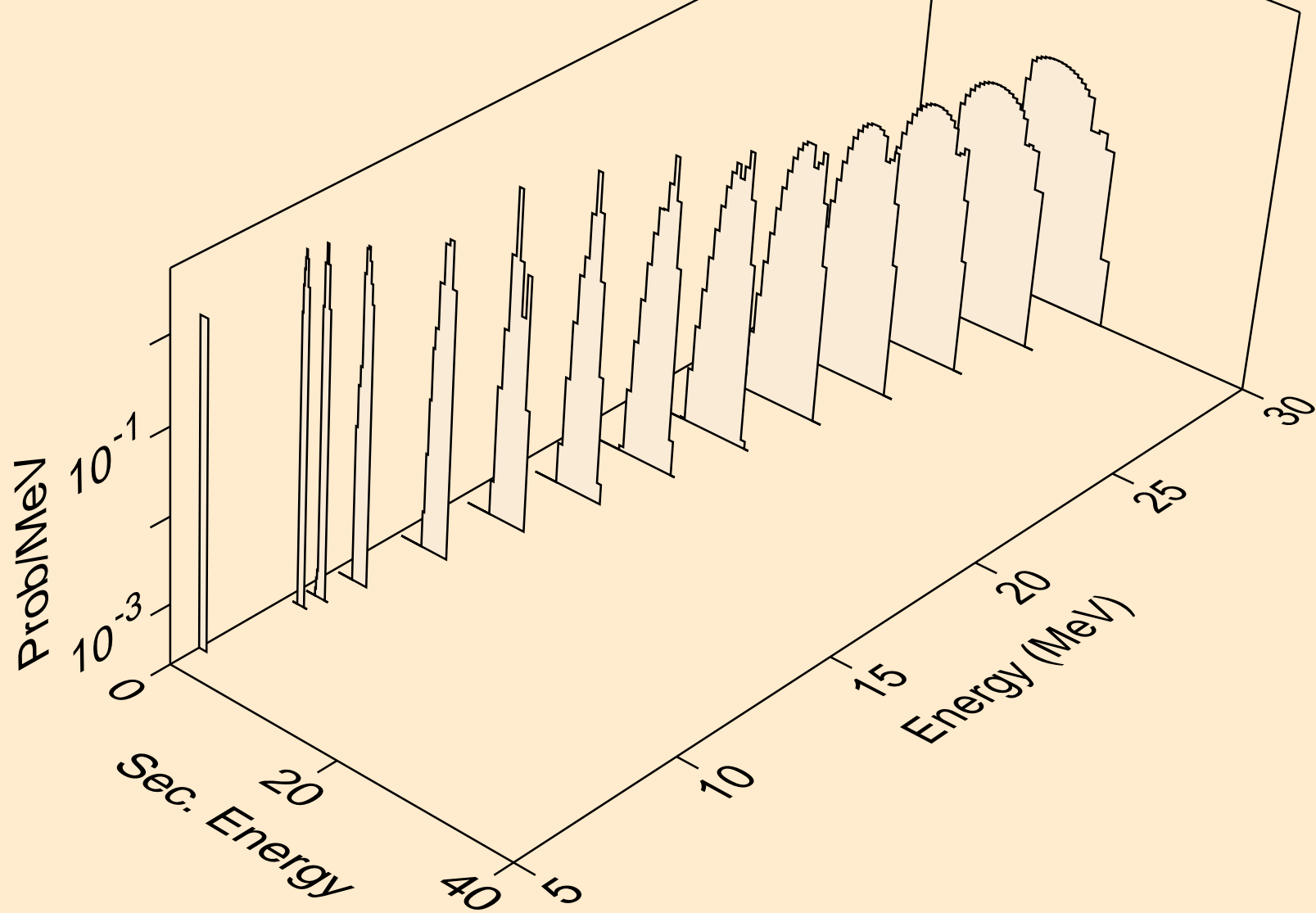


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he3s from (n,n\*)he3

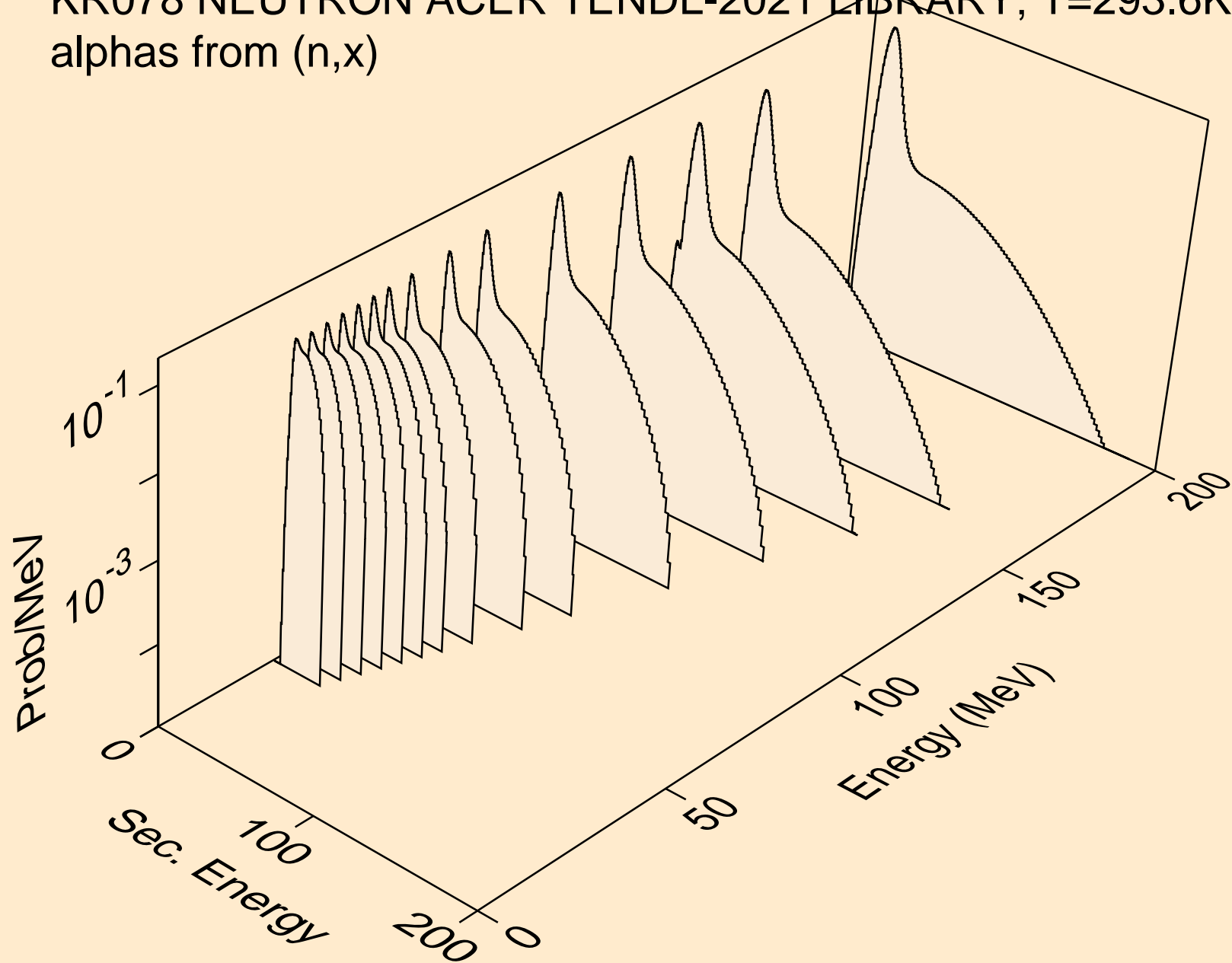




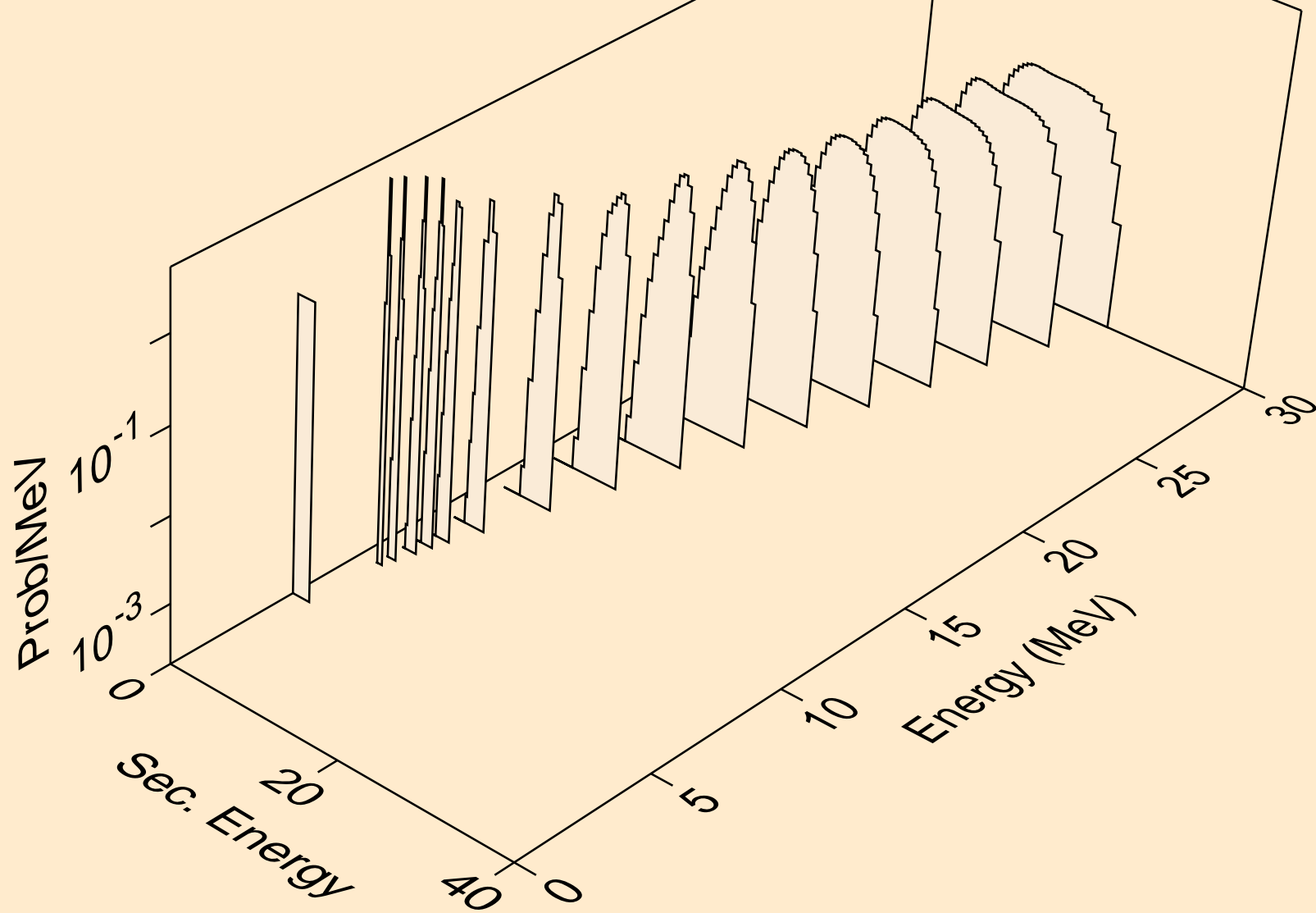
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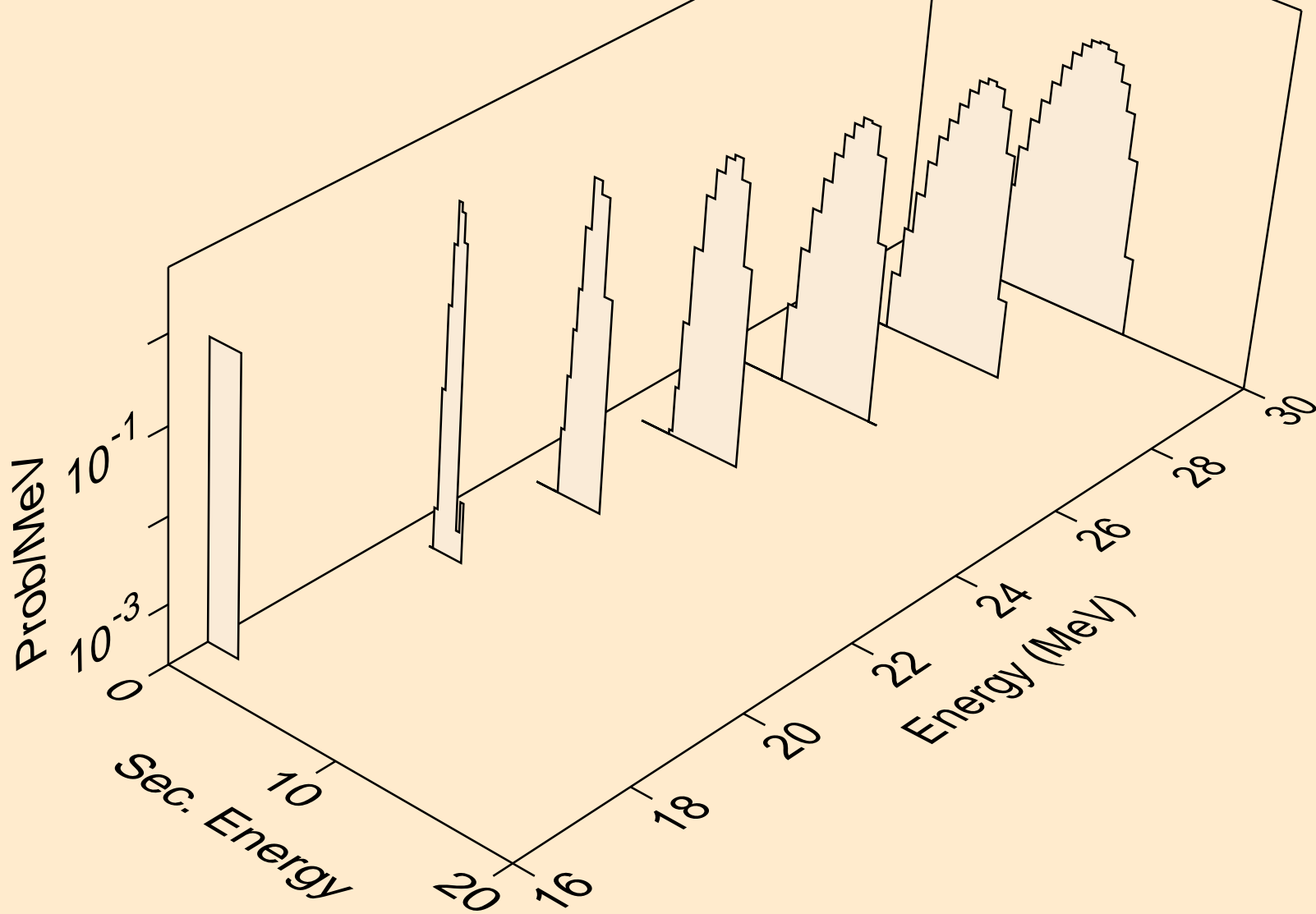
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alphas from (n,x)



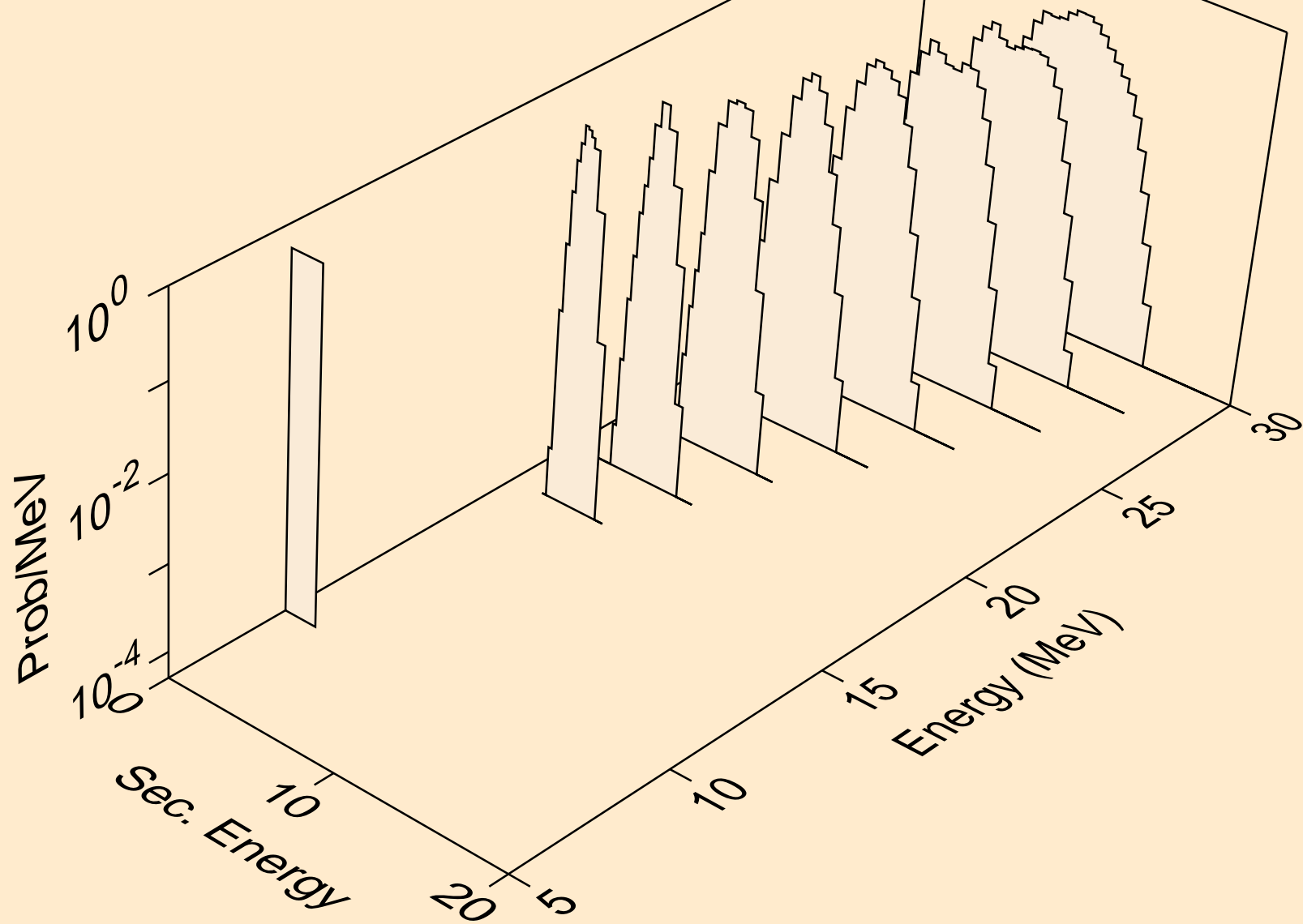
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alphas from (n,n\*)a



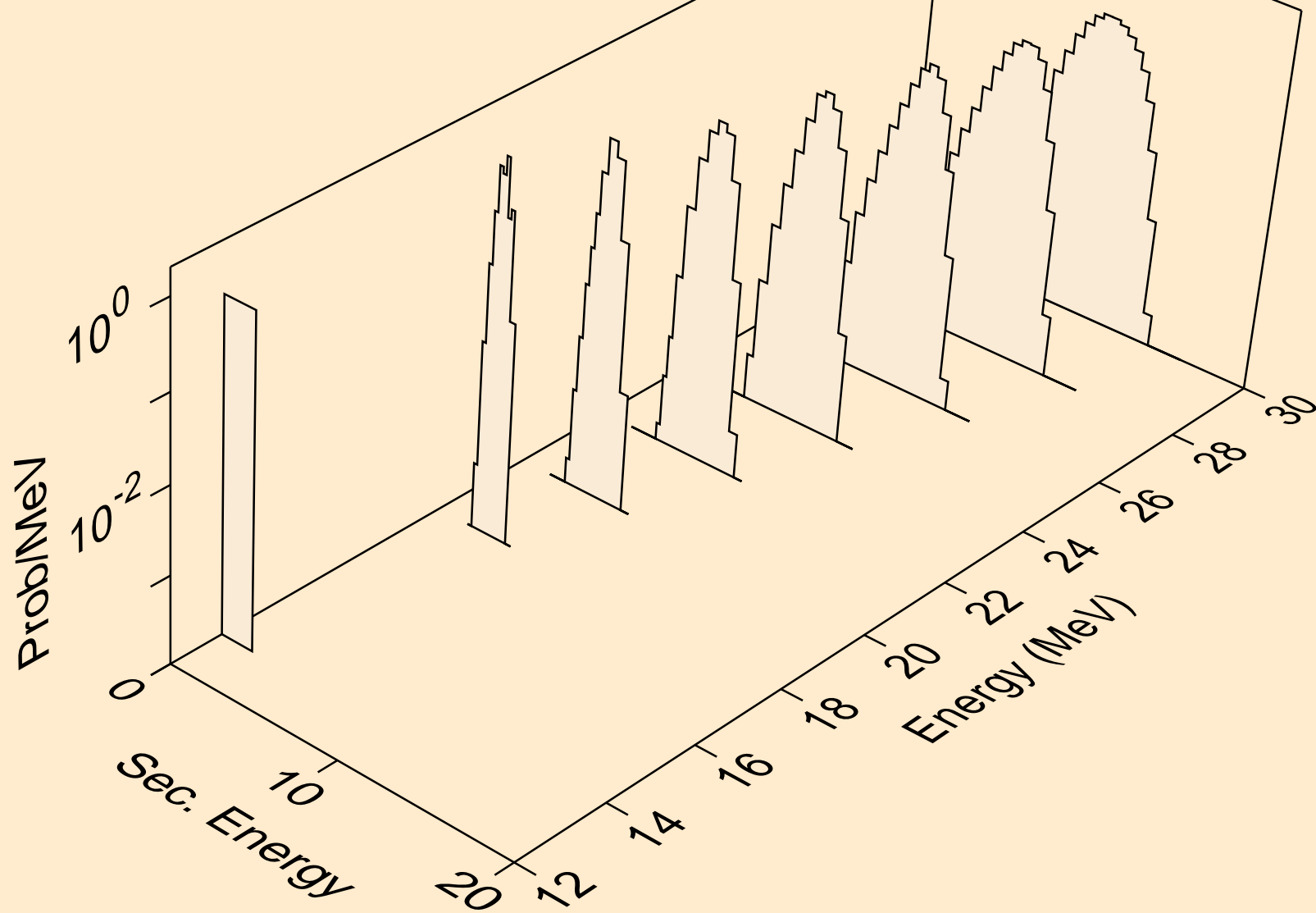
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



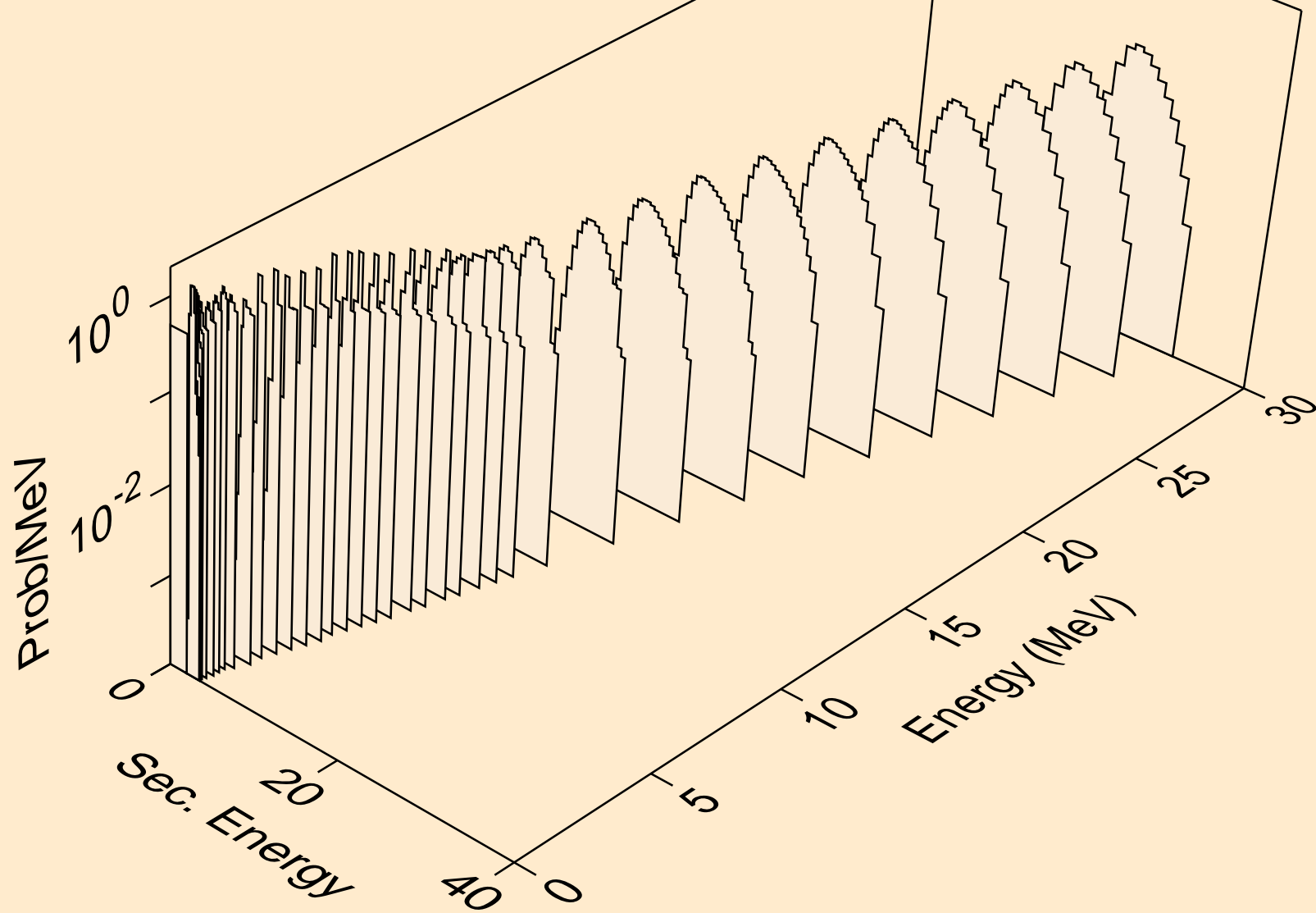
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



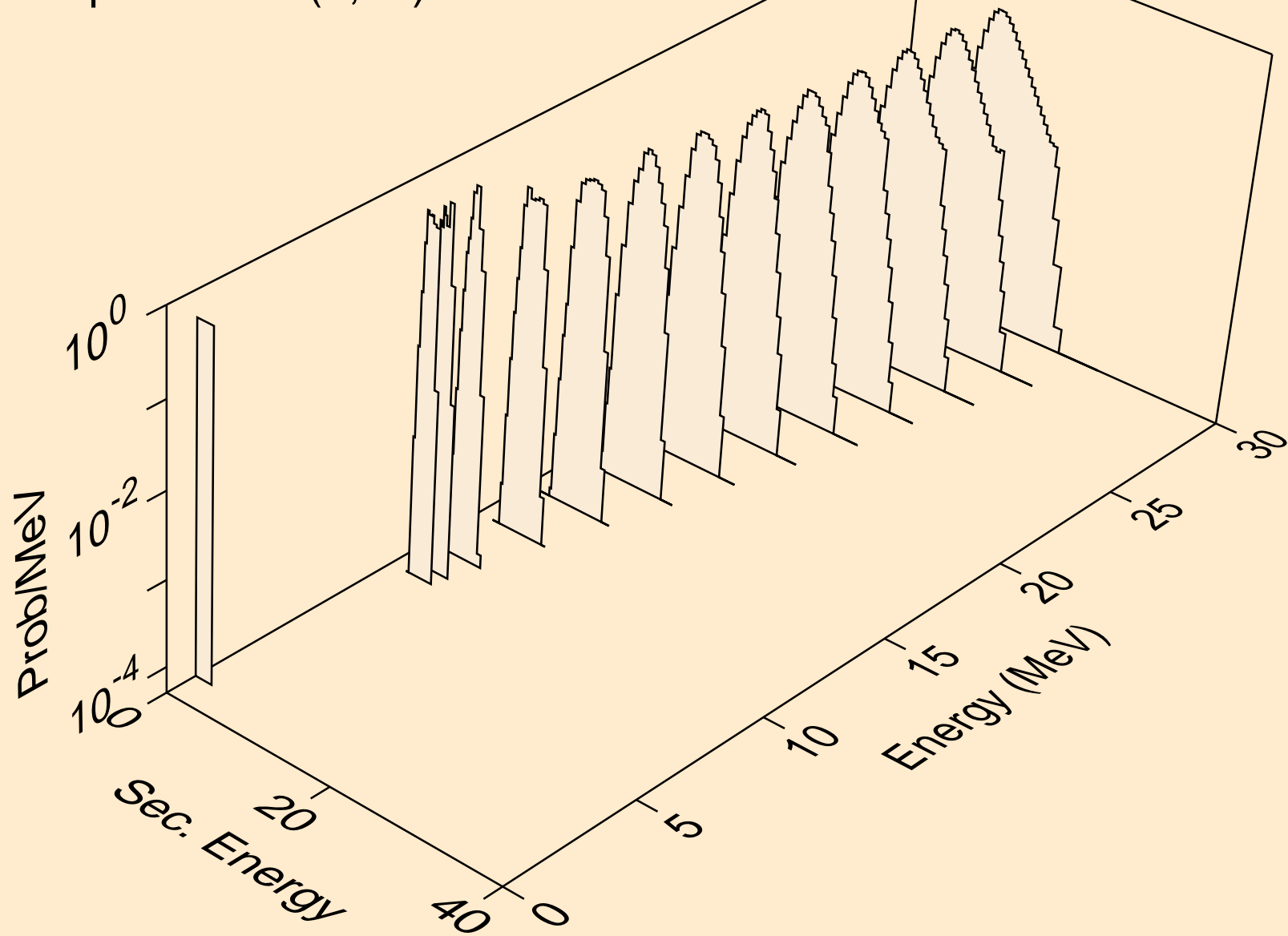
KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

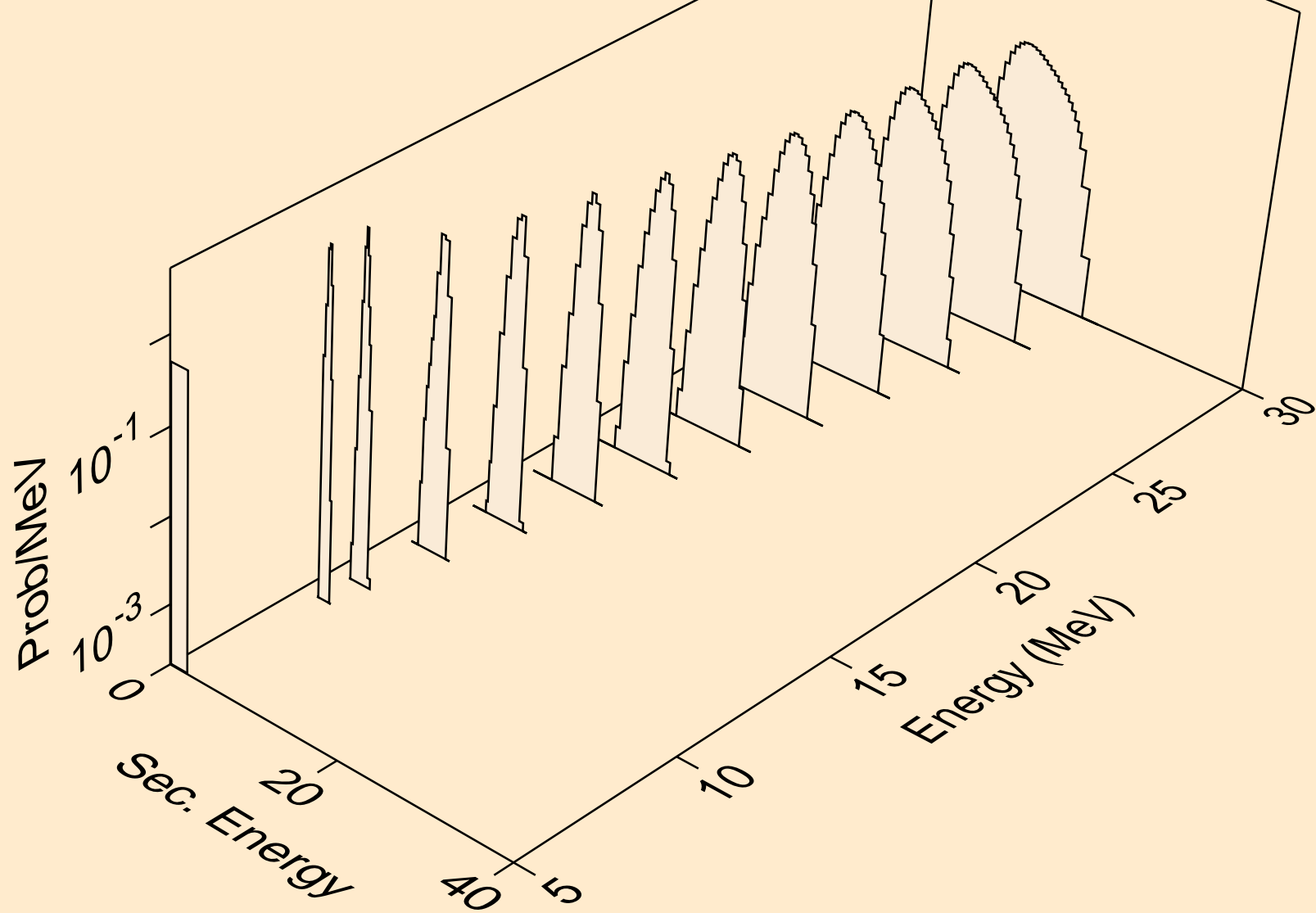


KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



KR078 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

