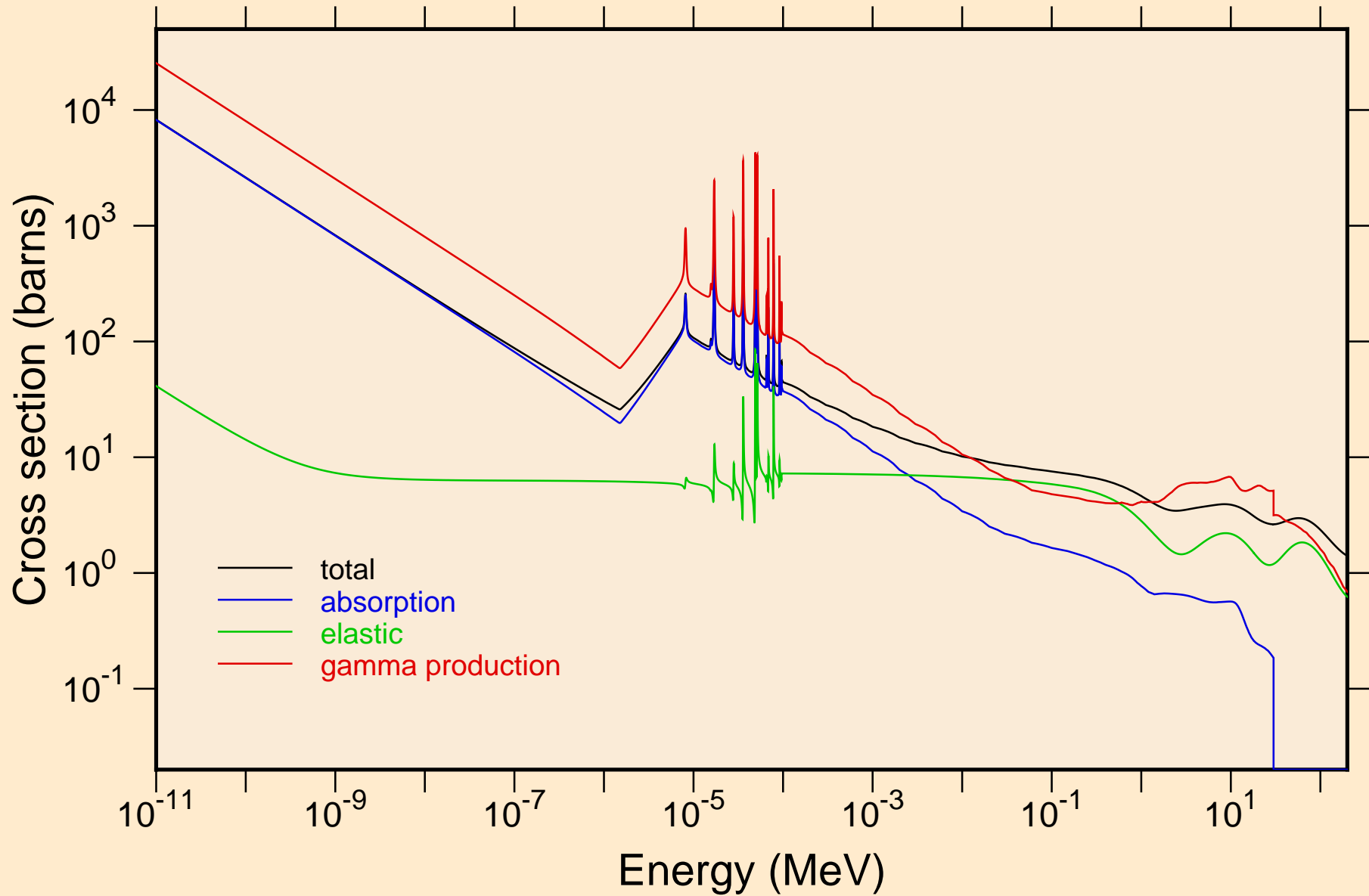
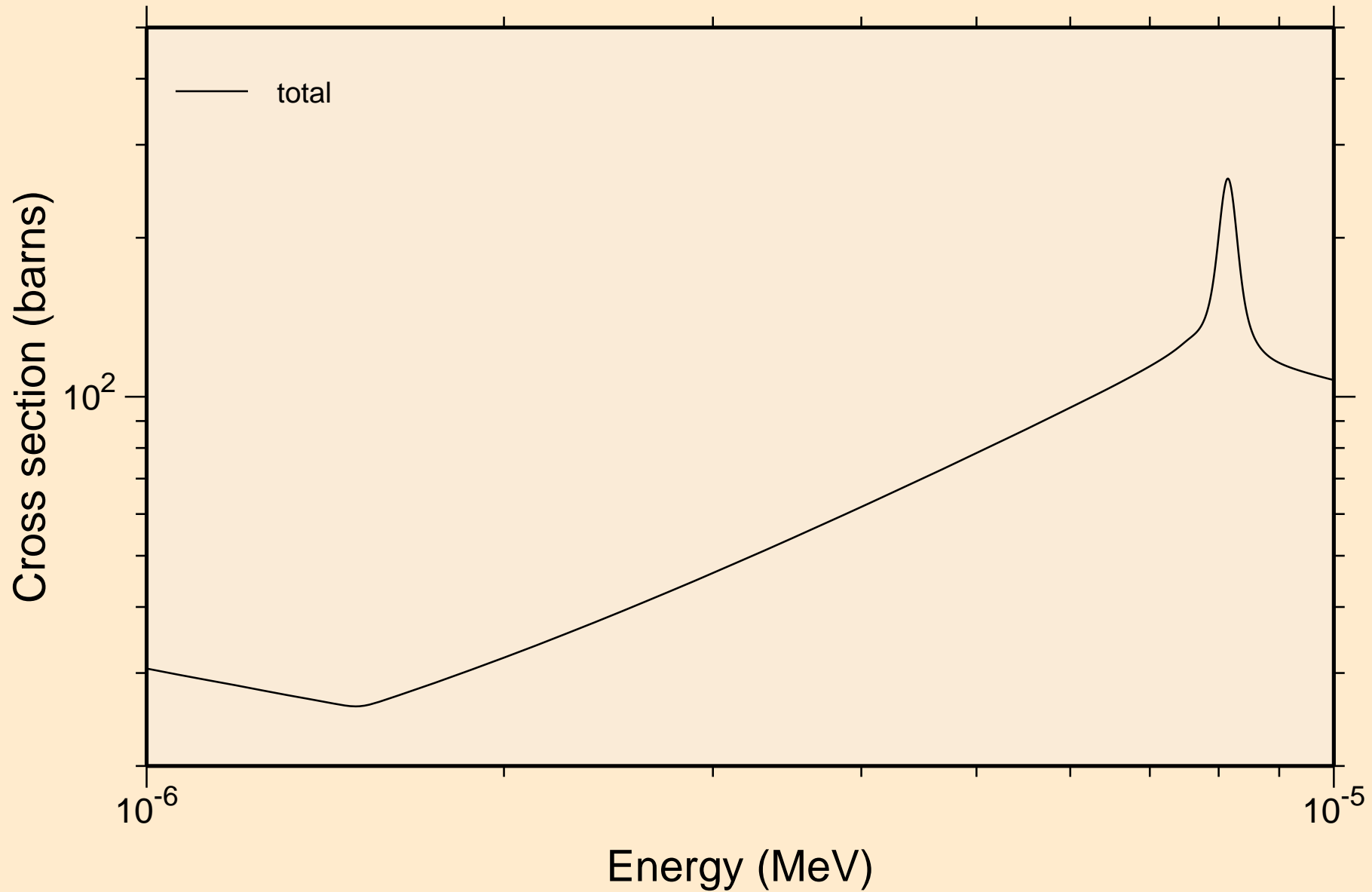


# KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

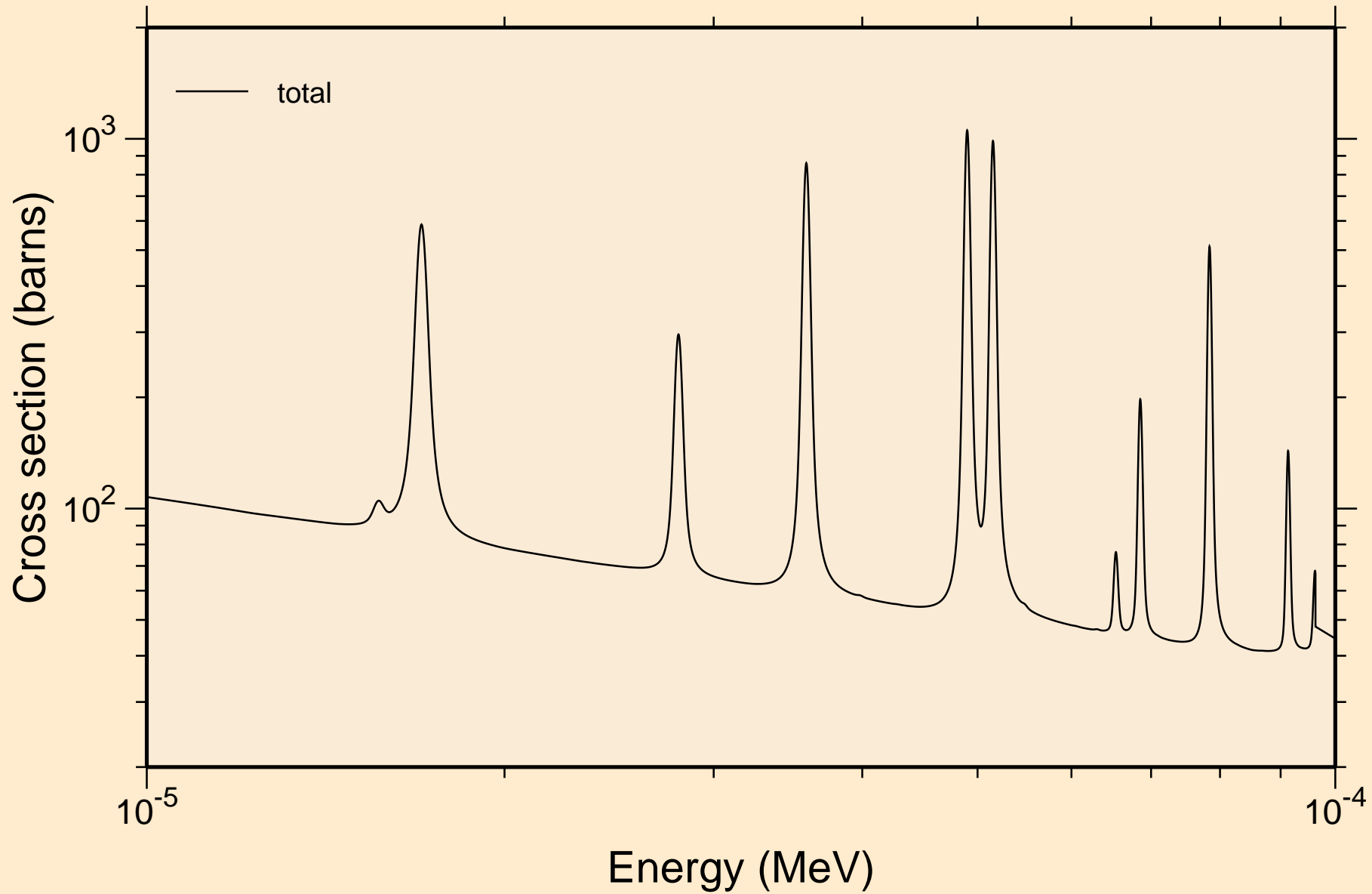
## Principal cross sections



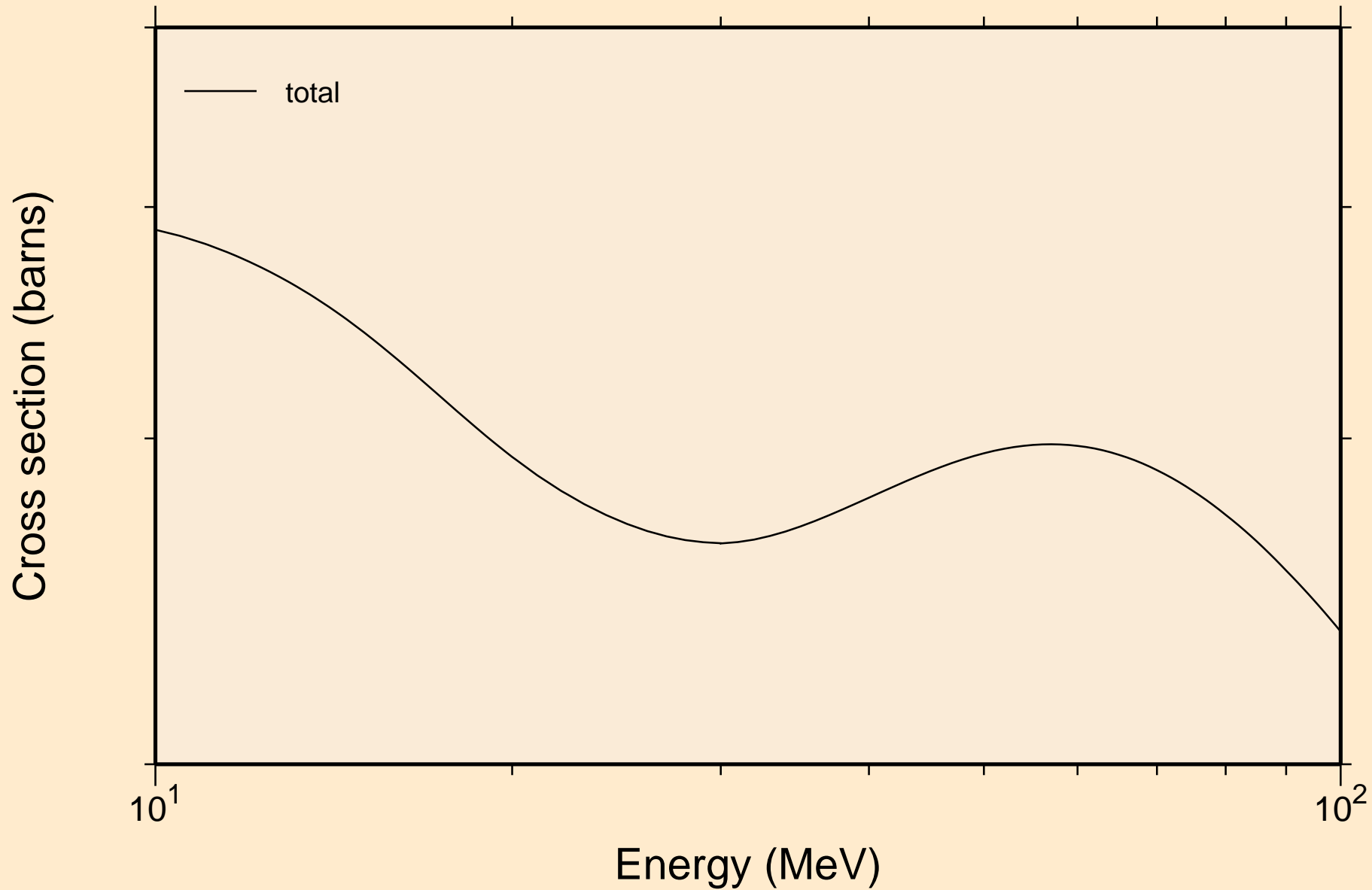
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



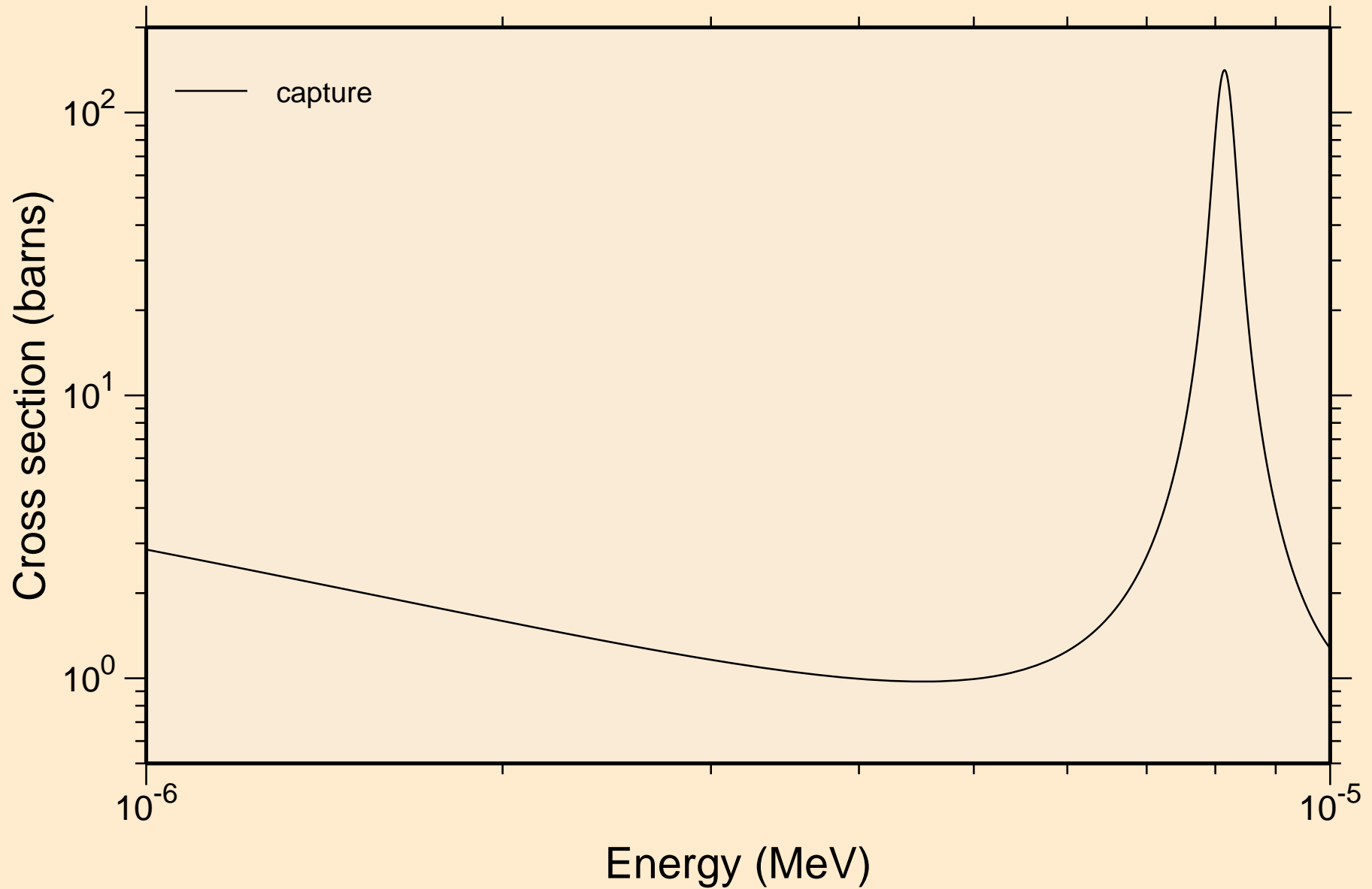
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



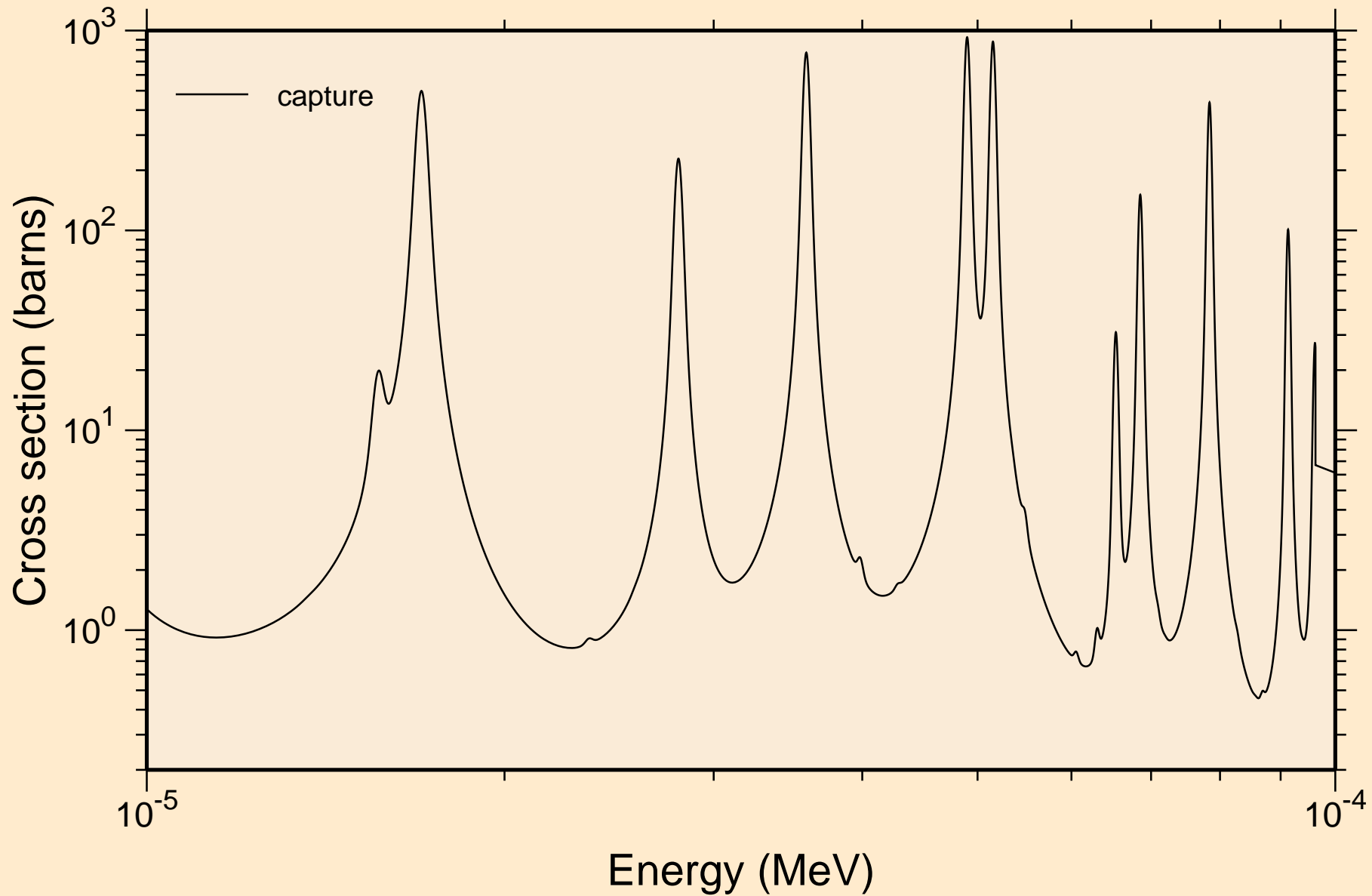
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



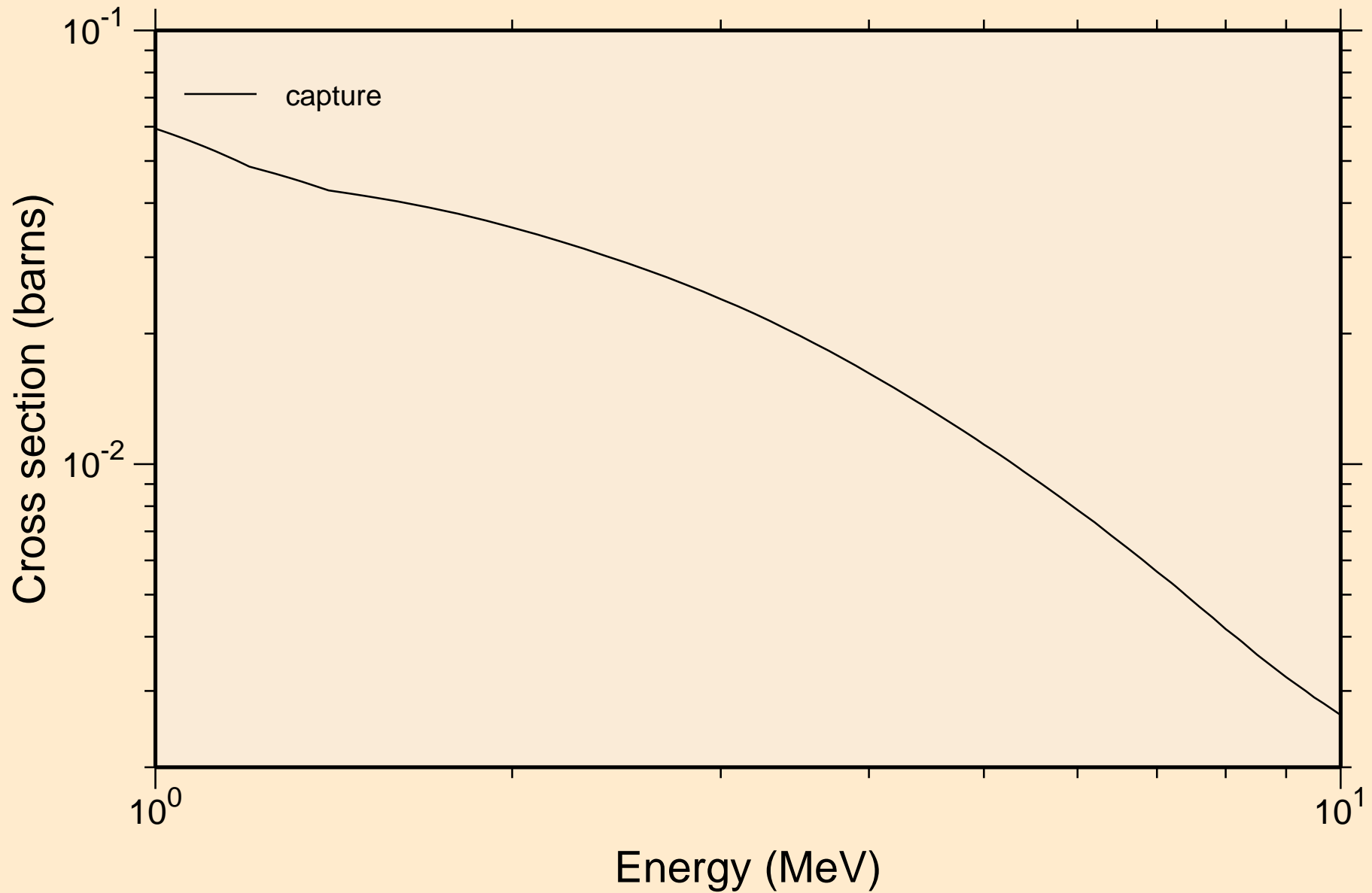
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



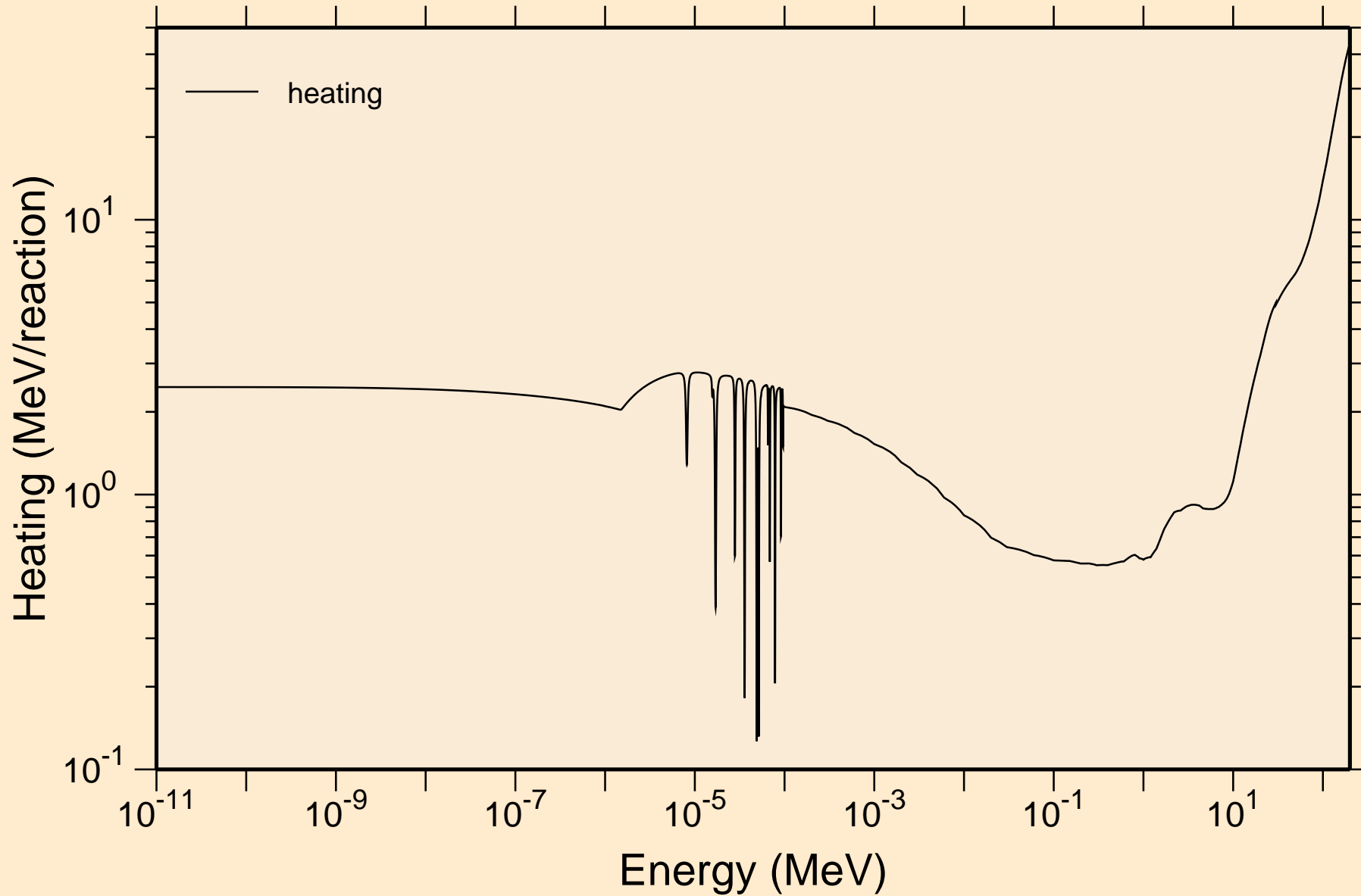
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

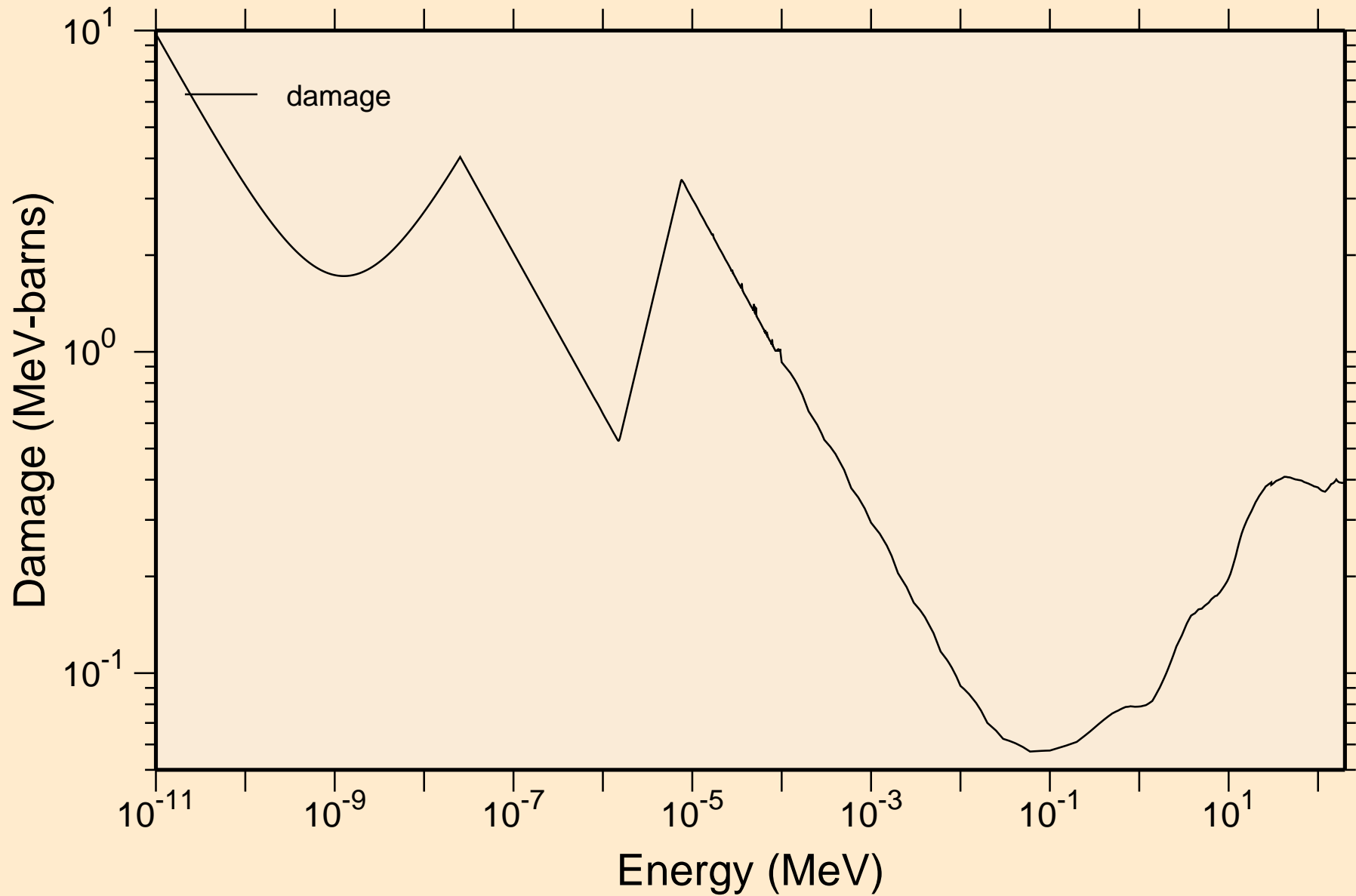


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



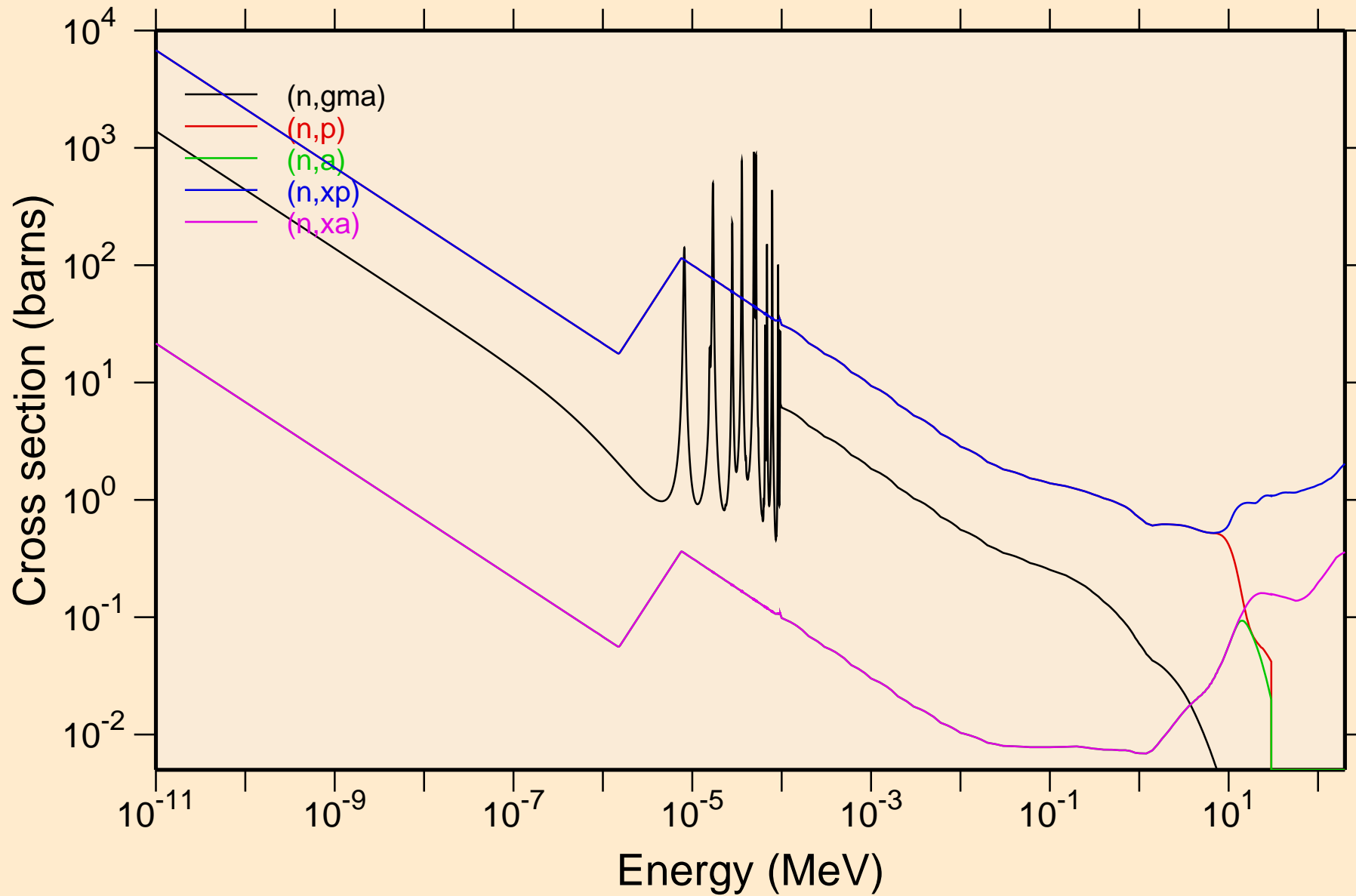


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

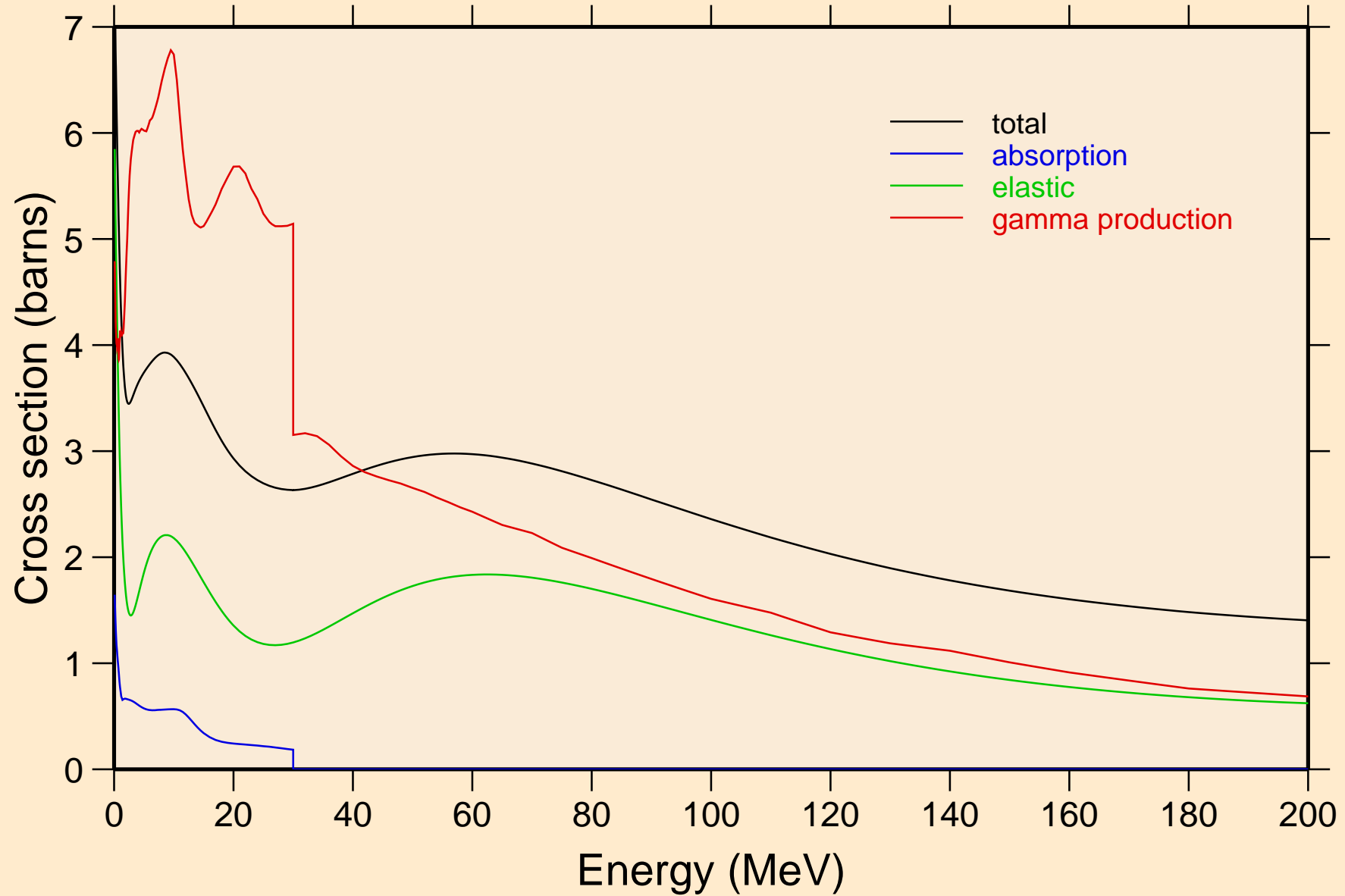


# KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

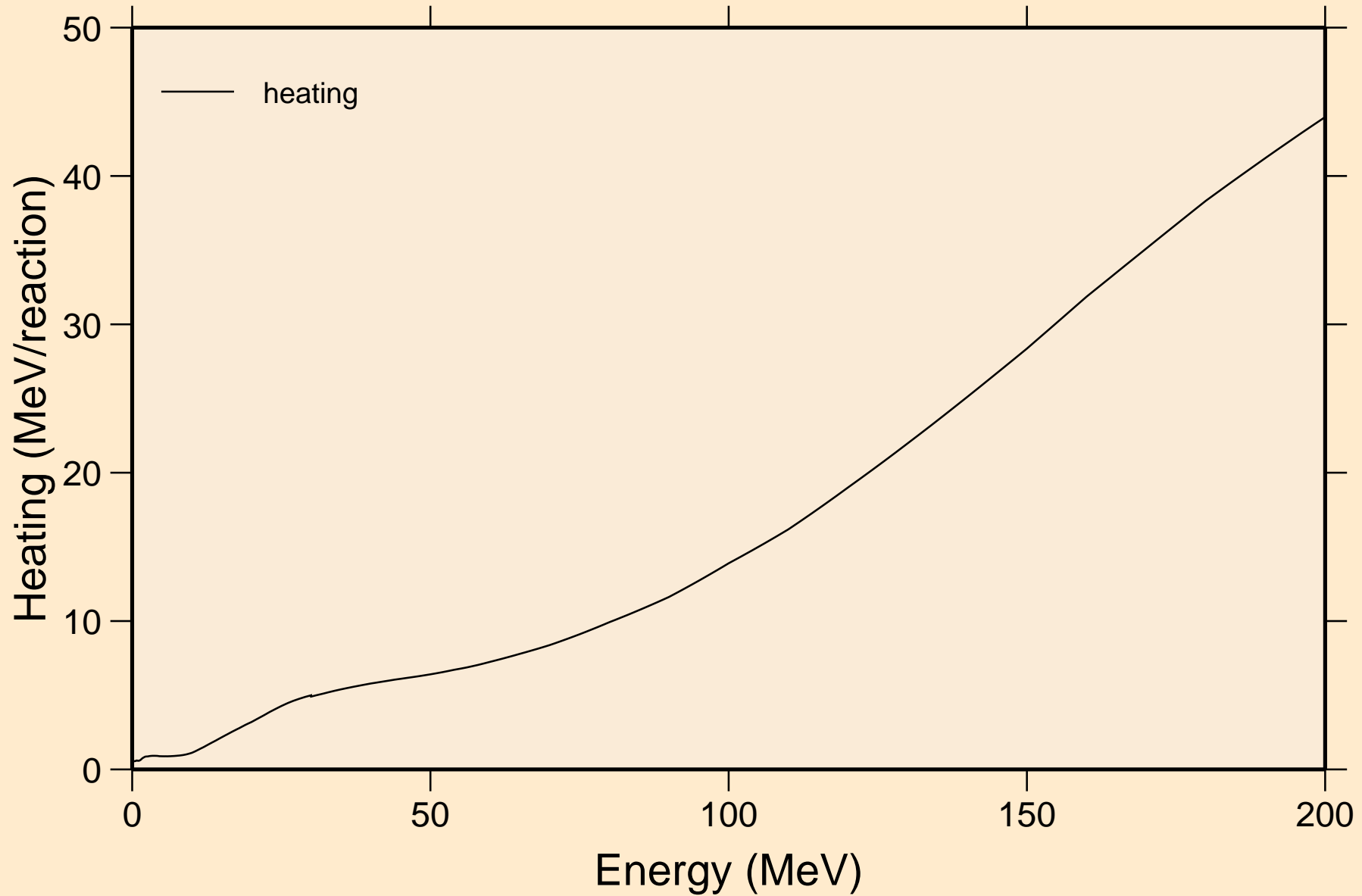
## Non-threshold reactions



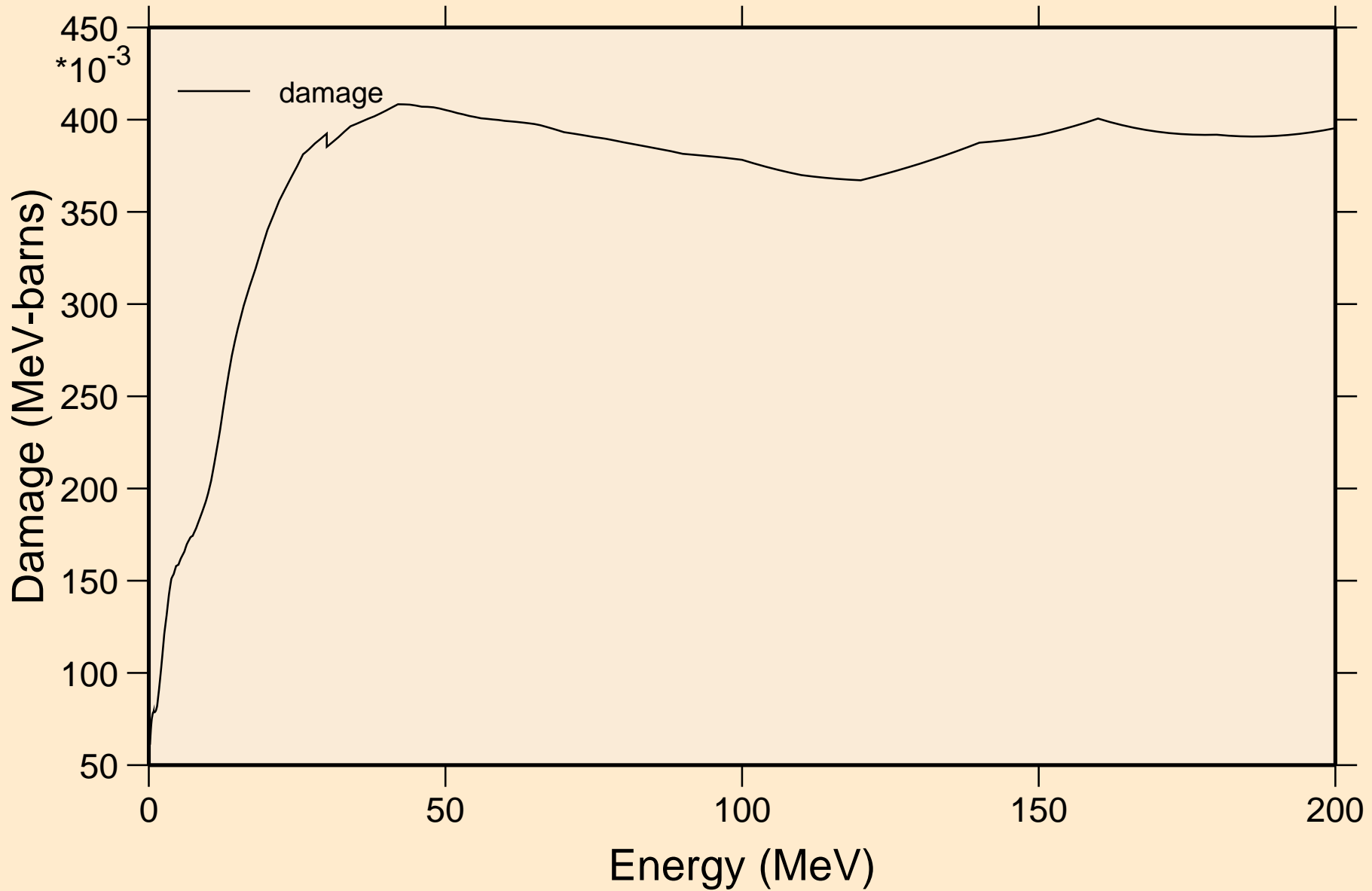
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



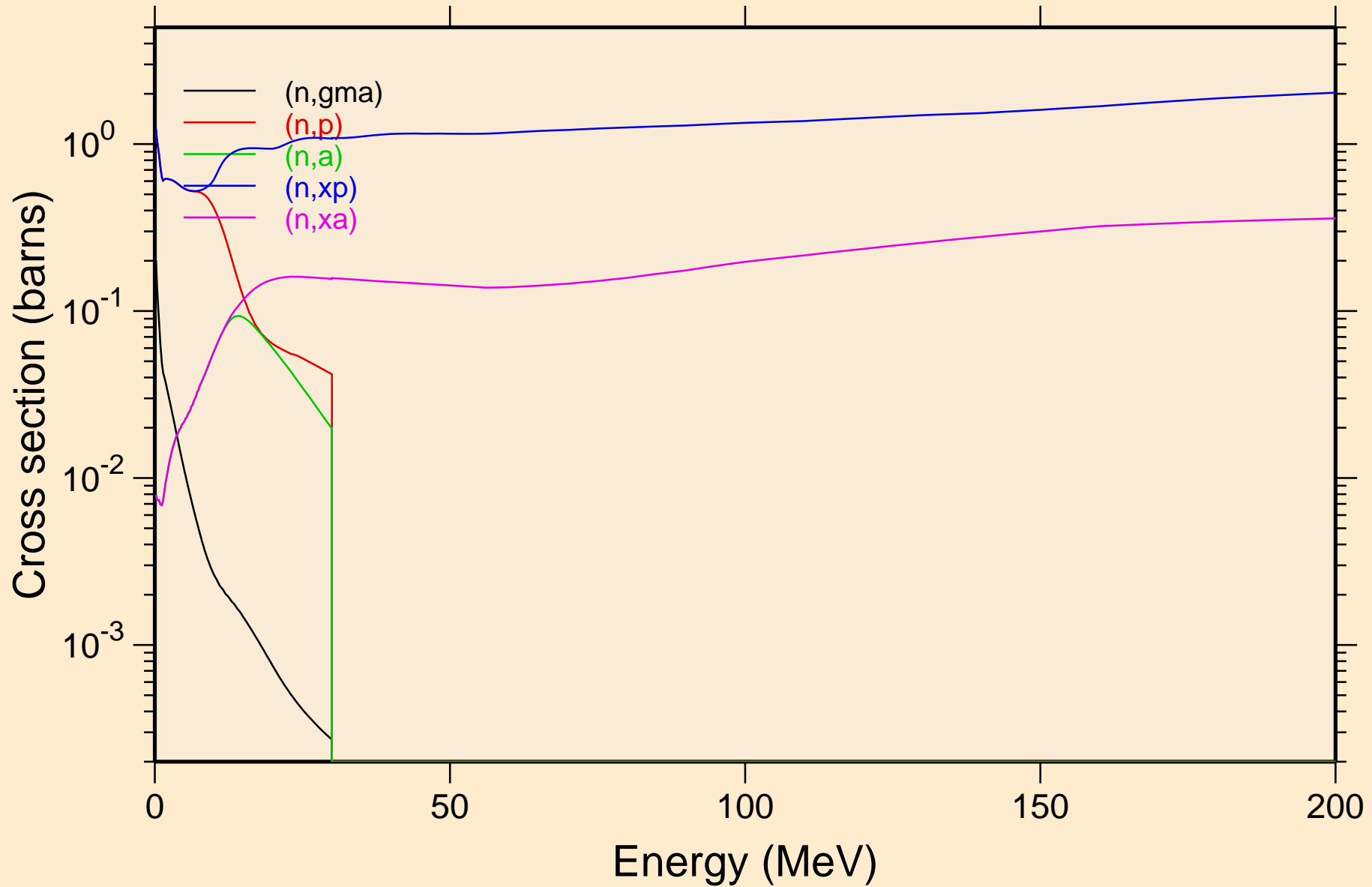
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



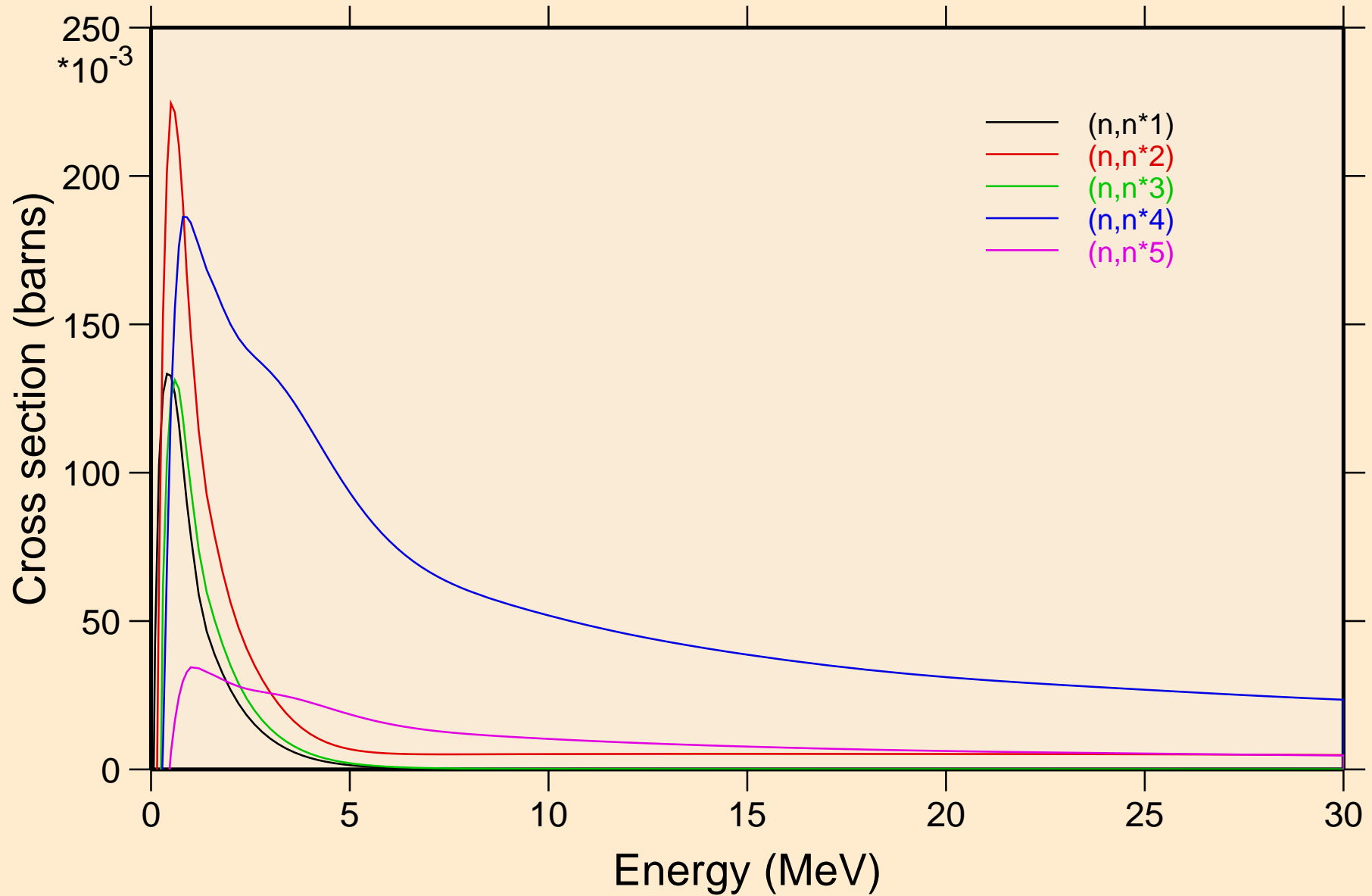
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



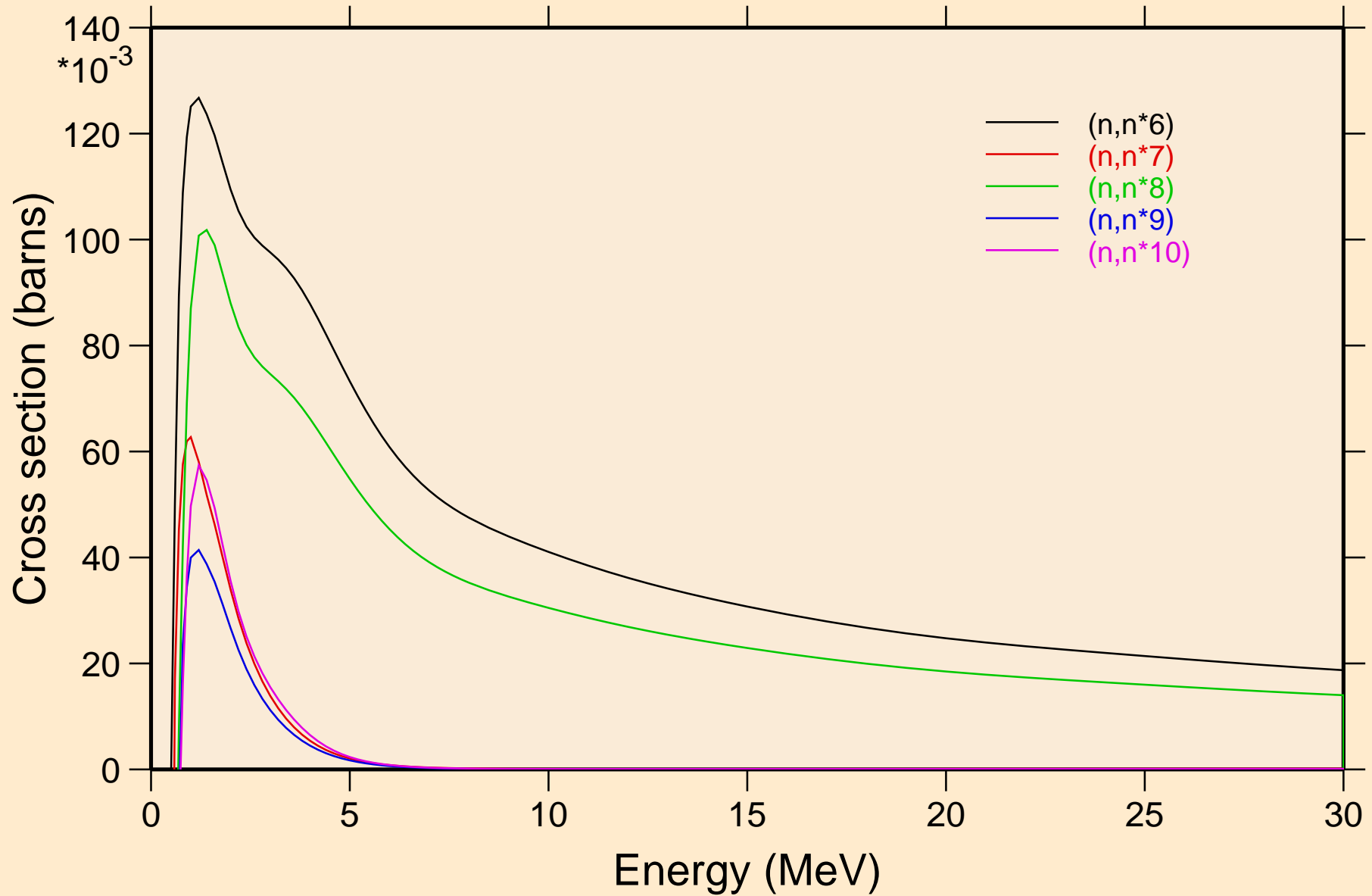
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

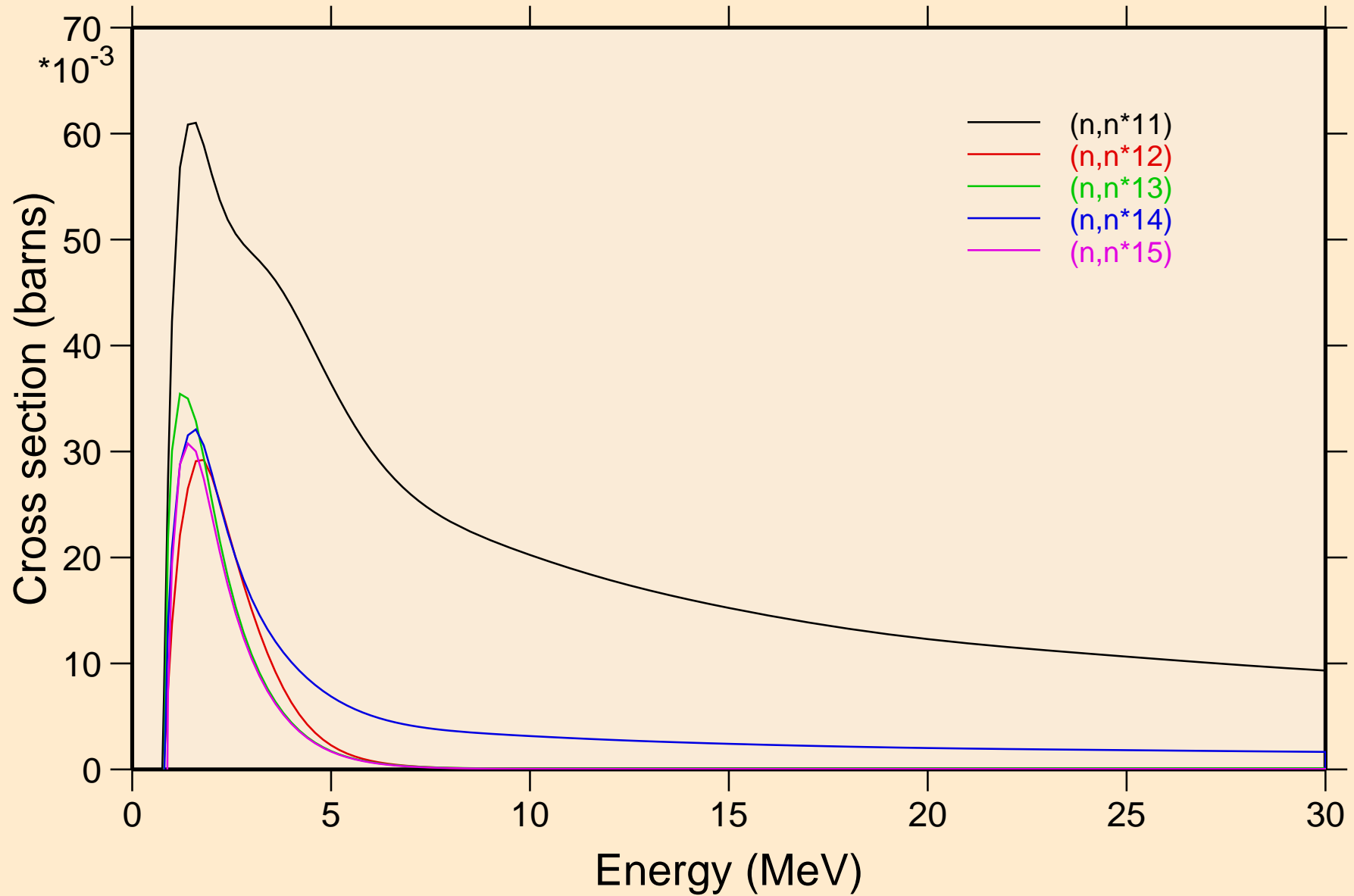


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

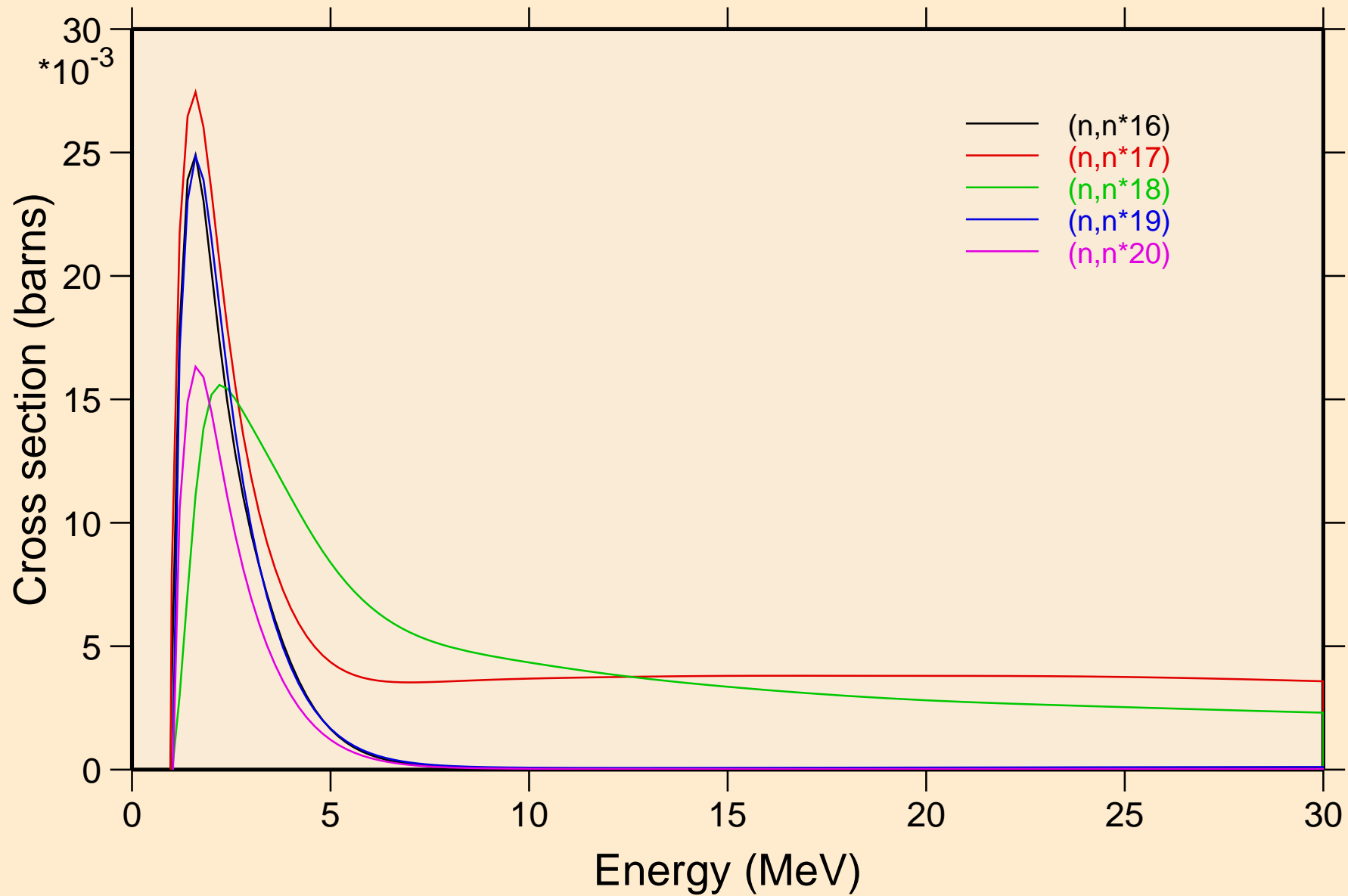




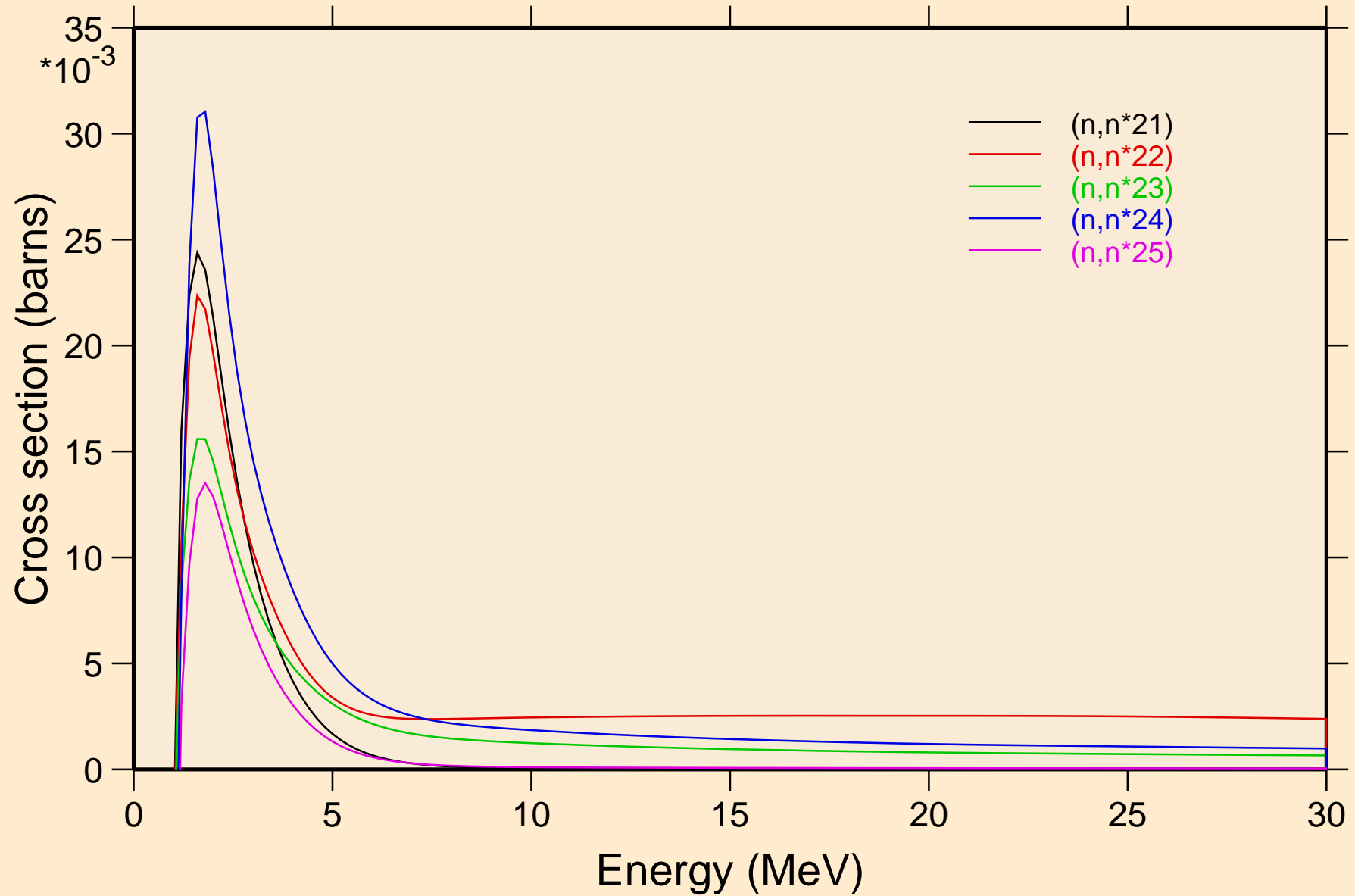
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



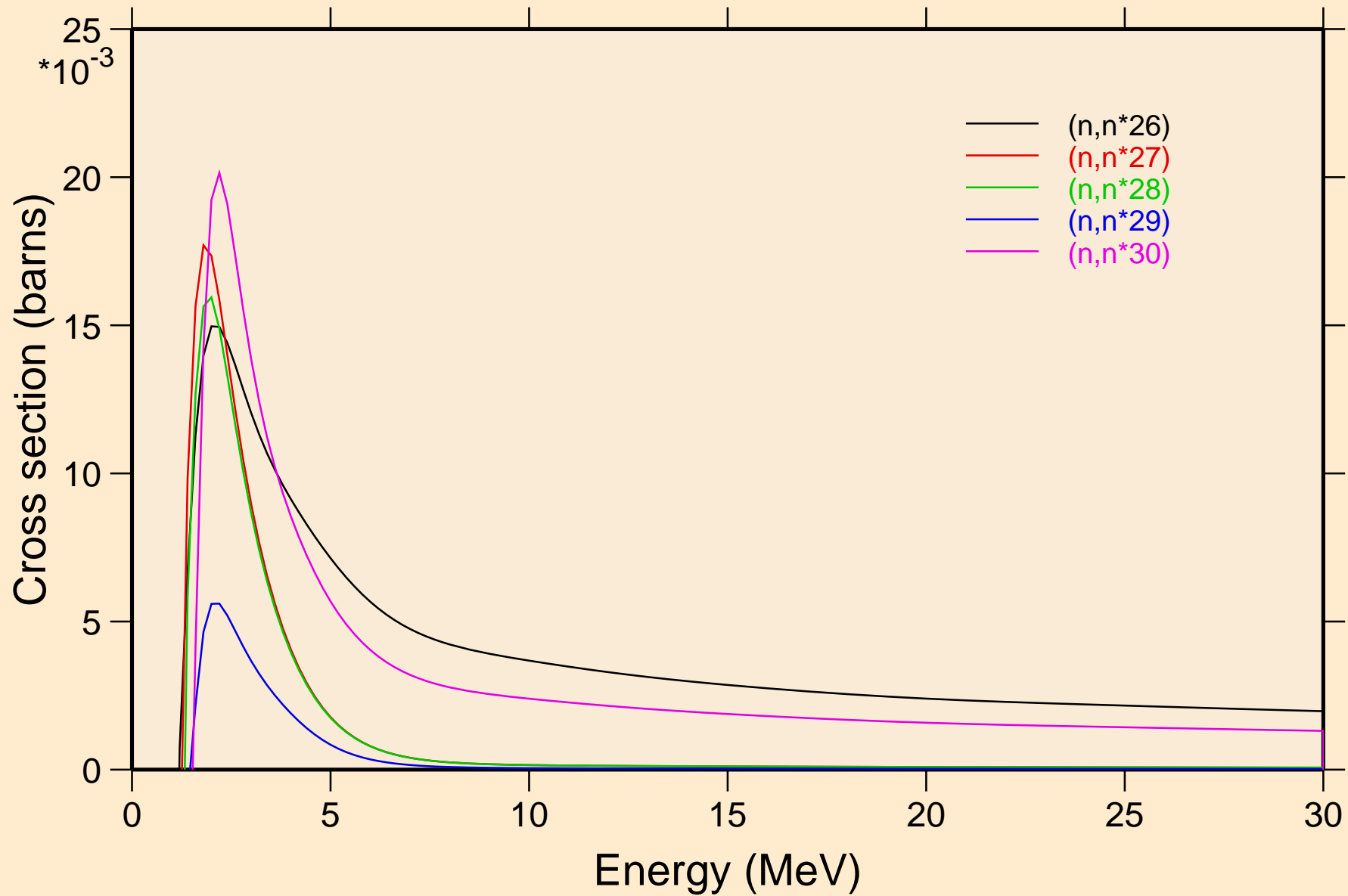
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



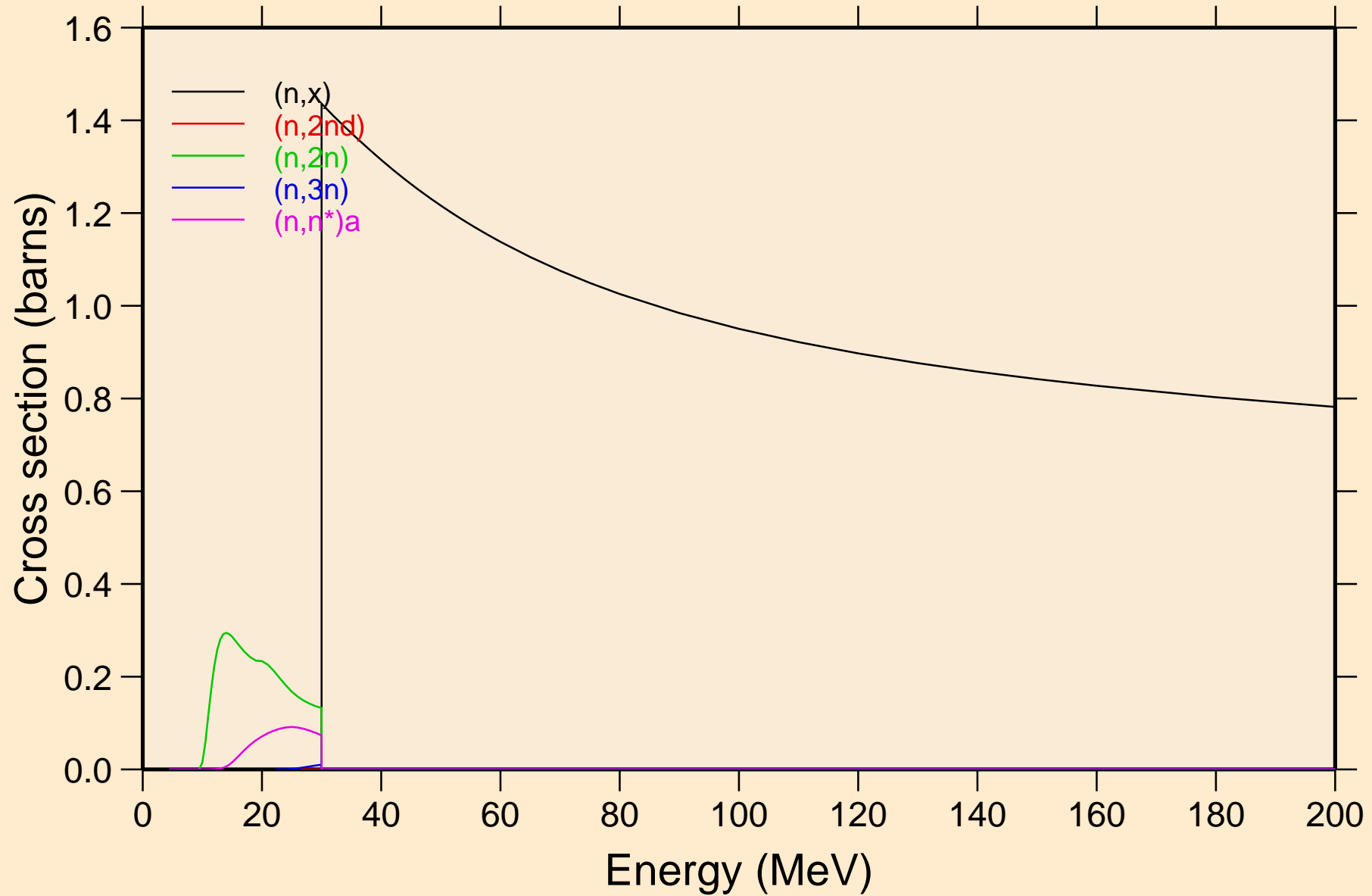
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



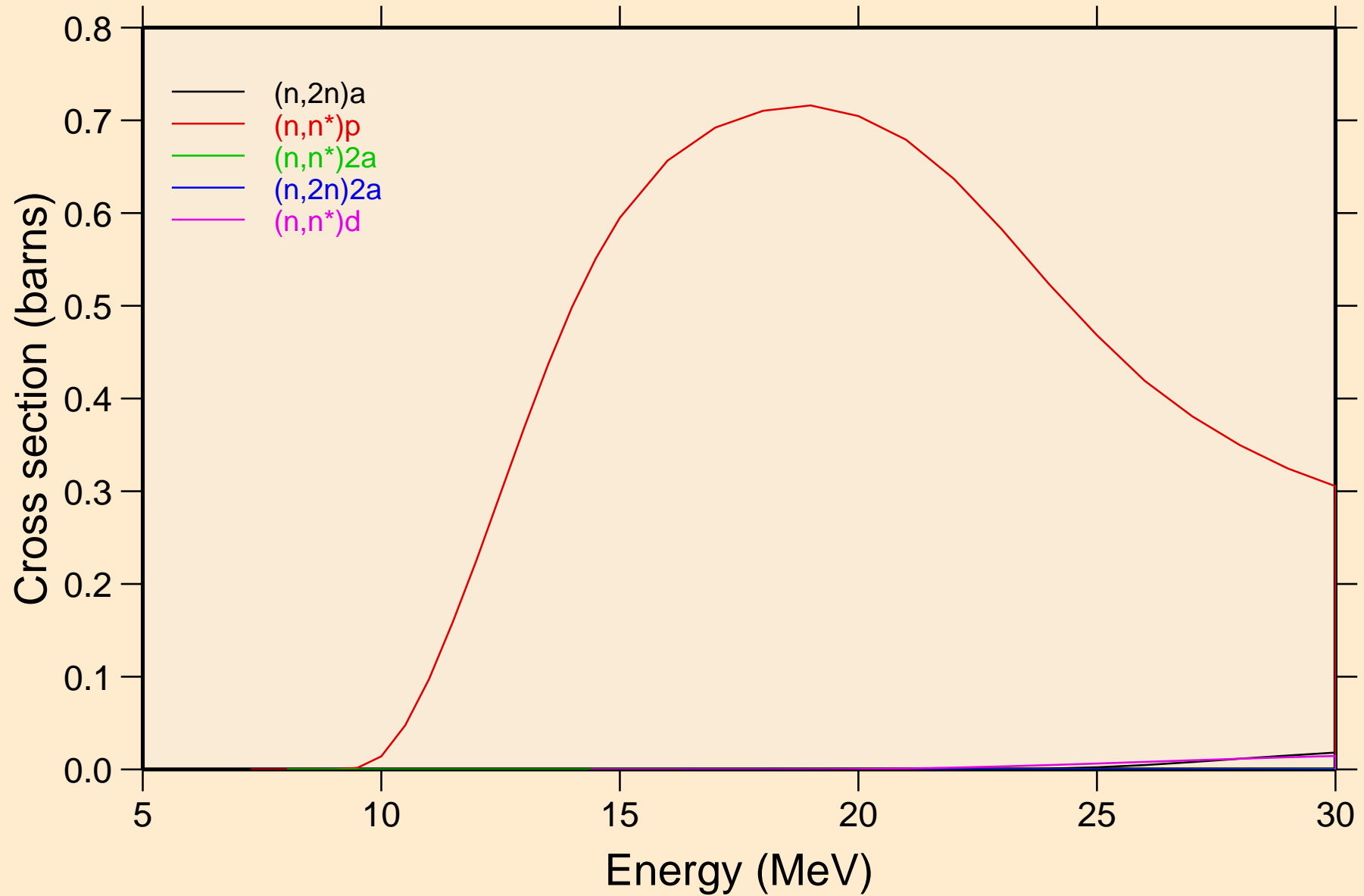
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



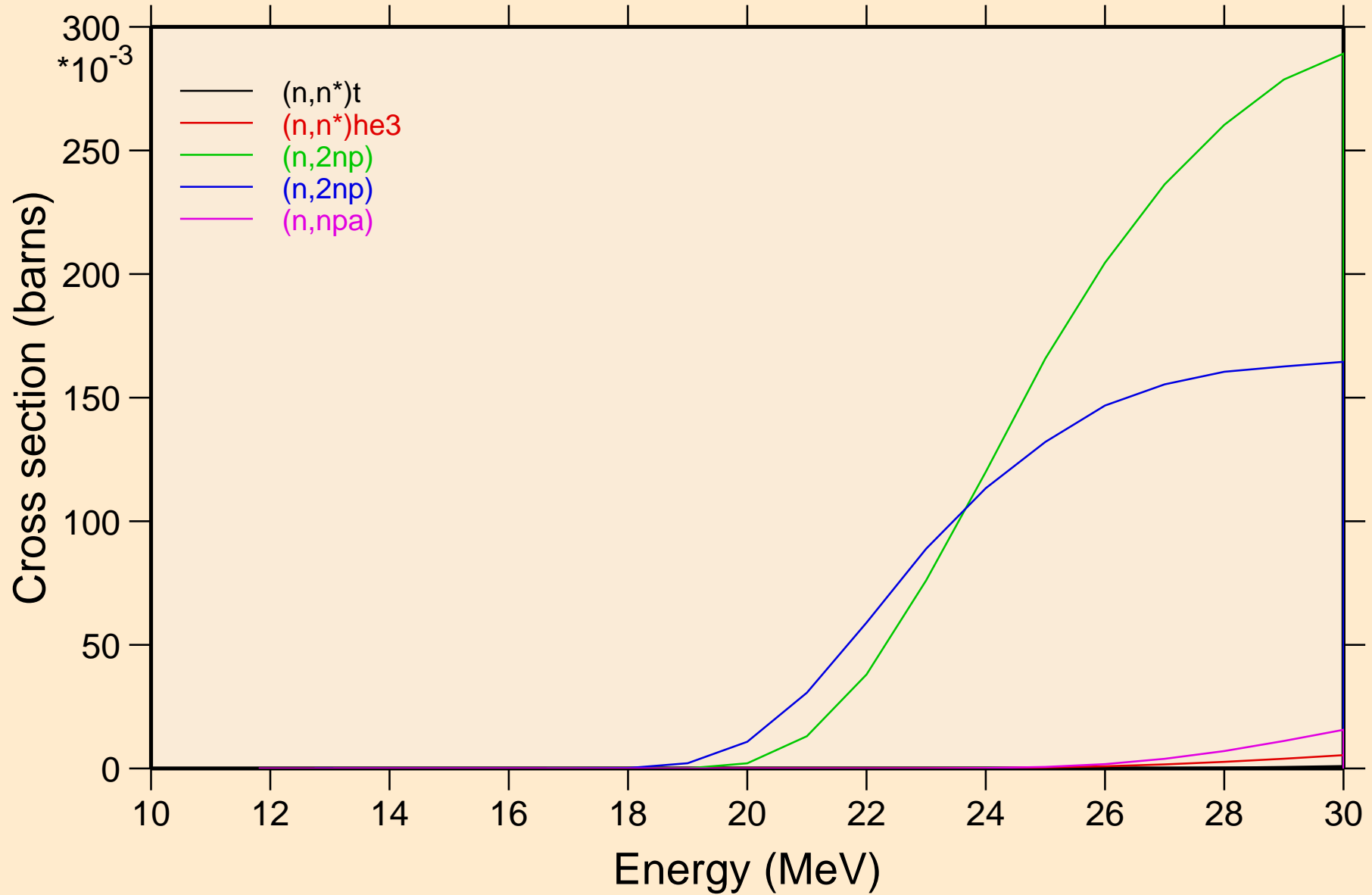
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



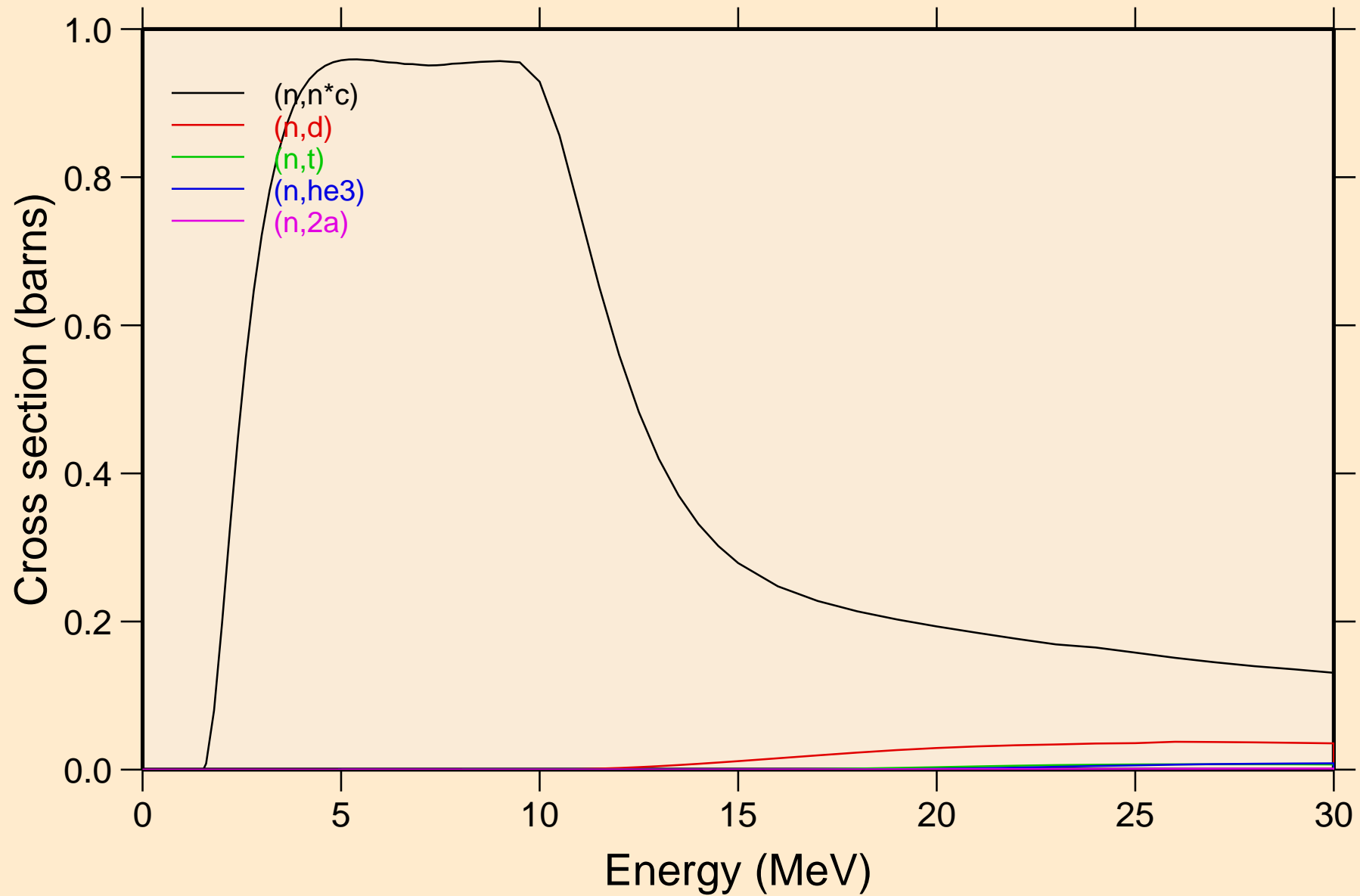
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

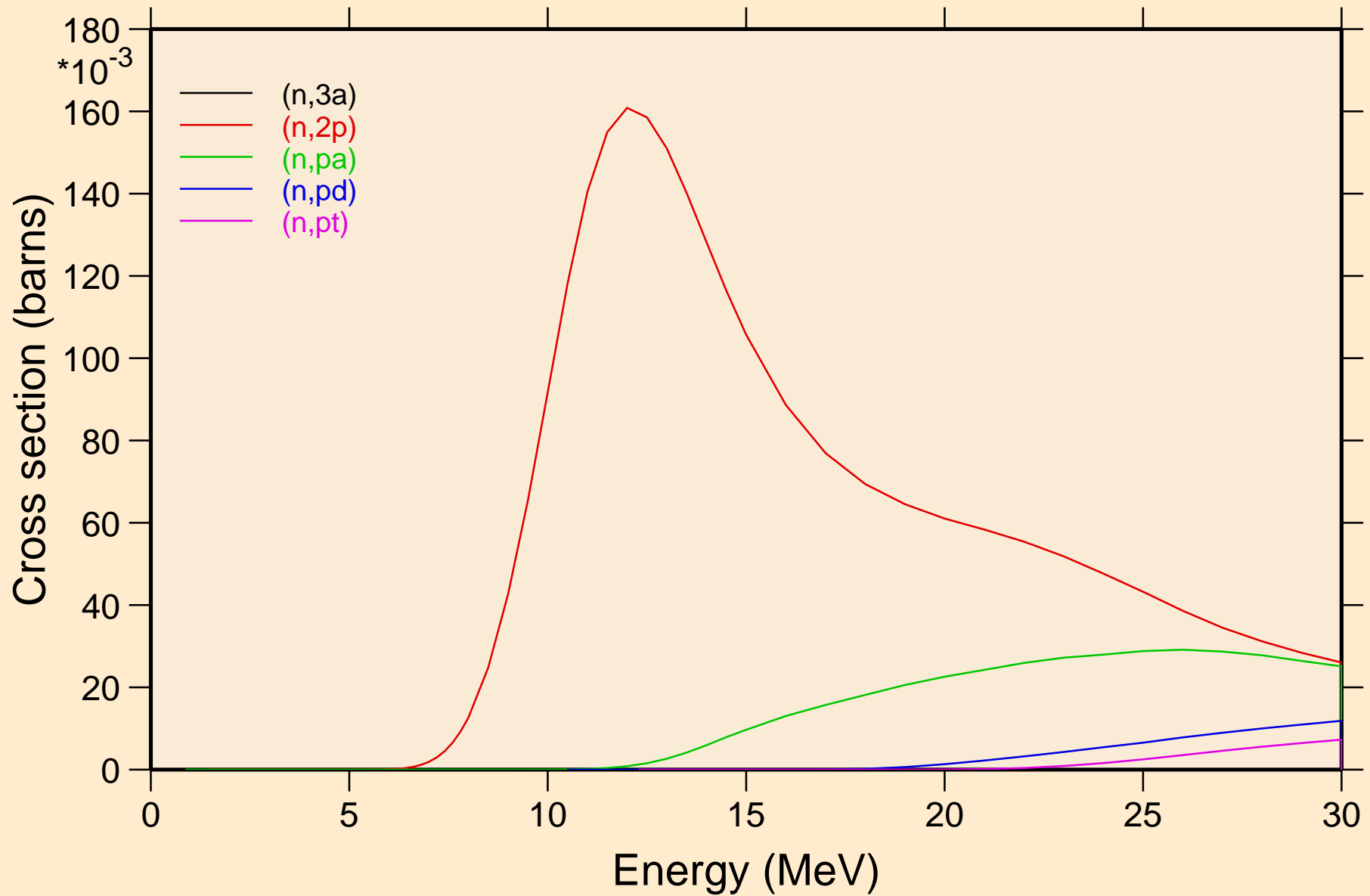


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

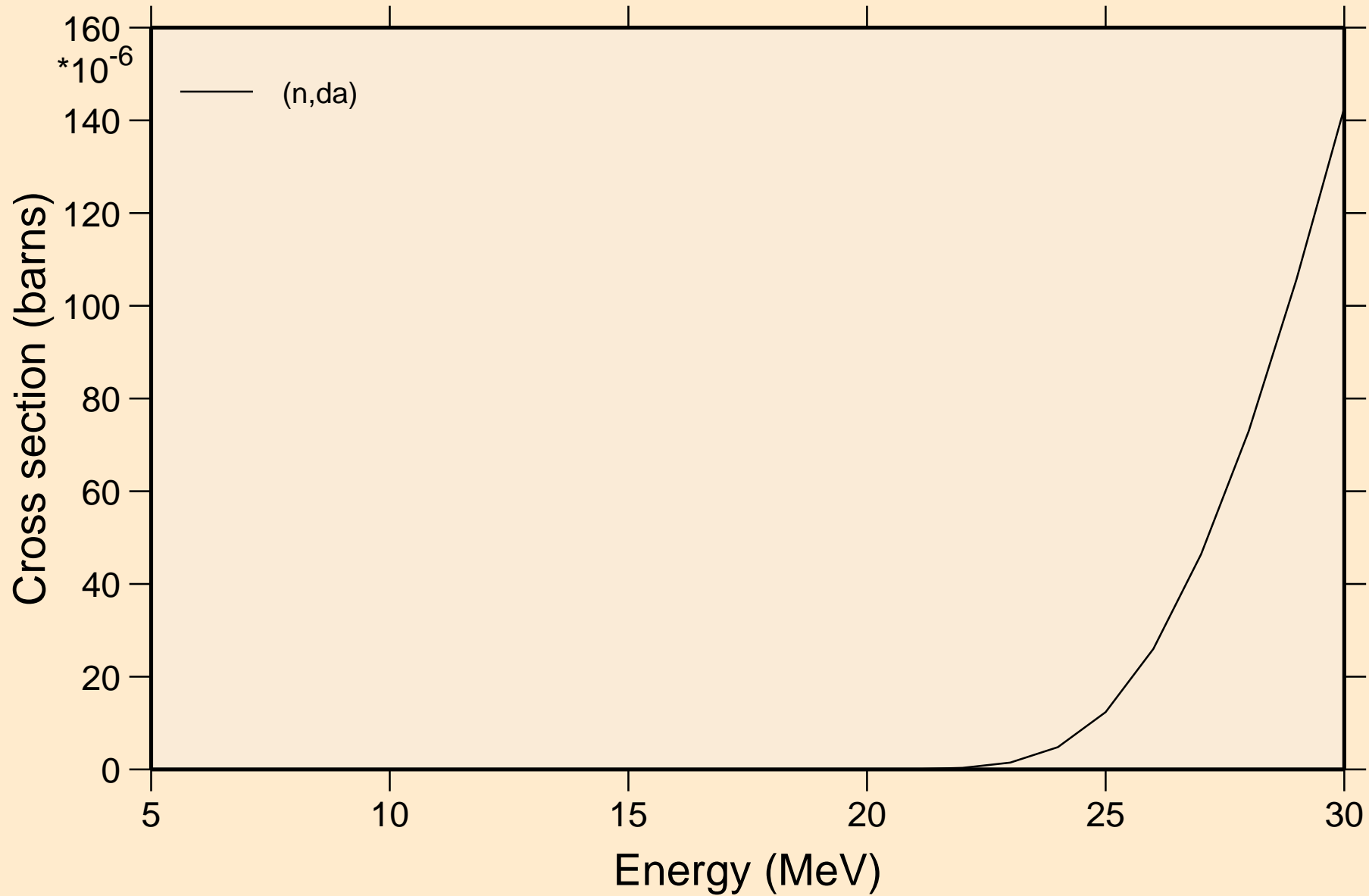




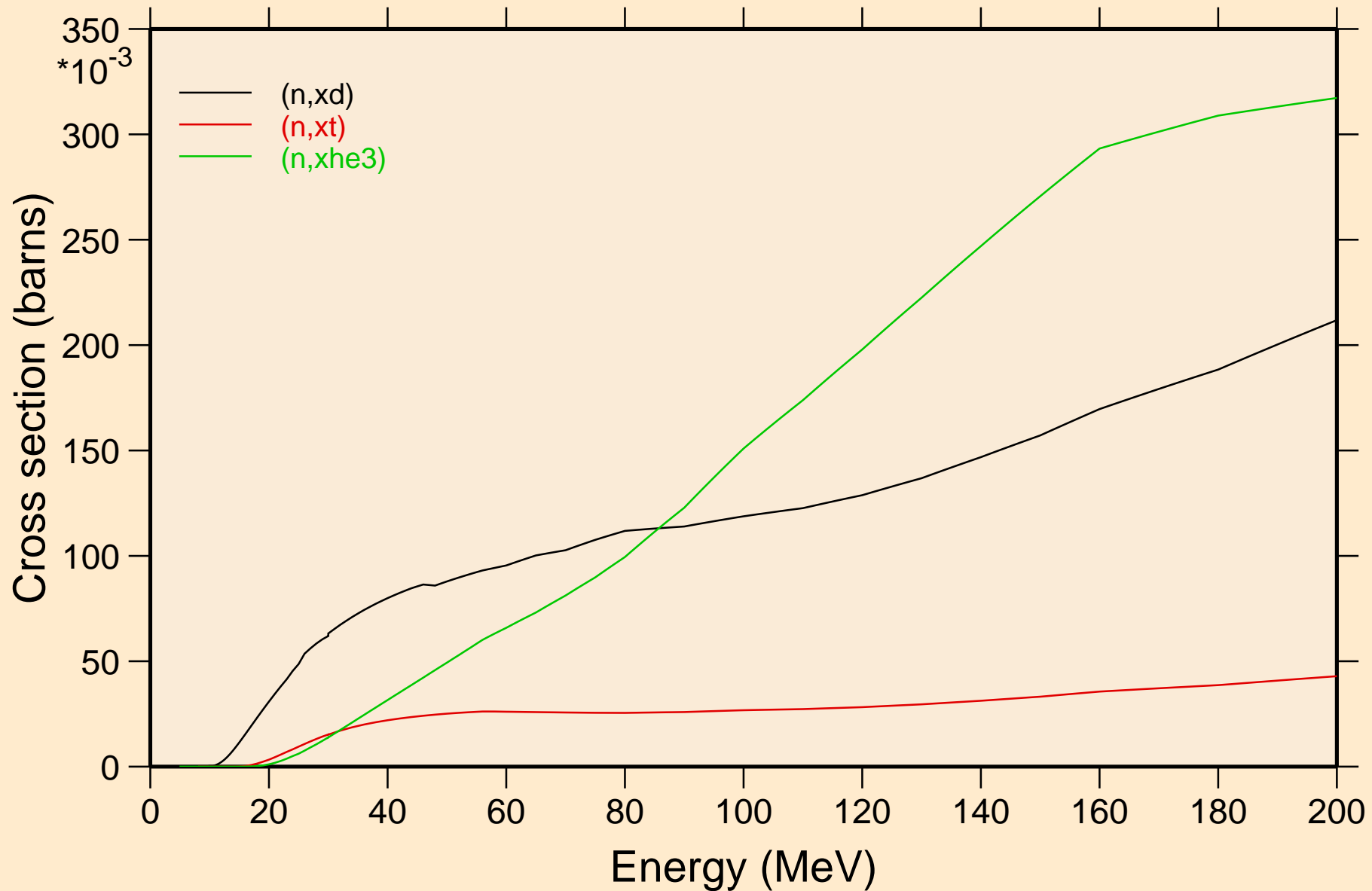
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



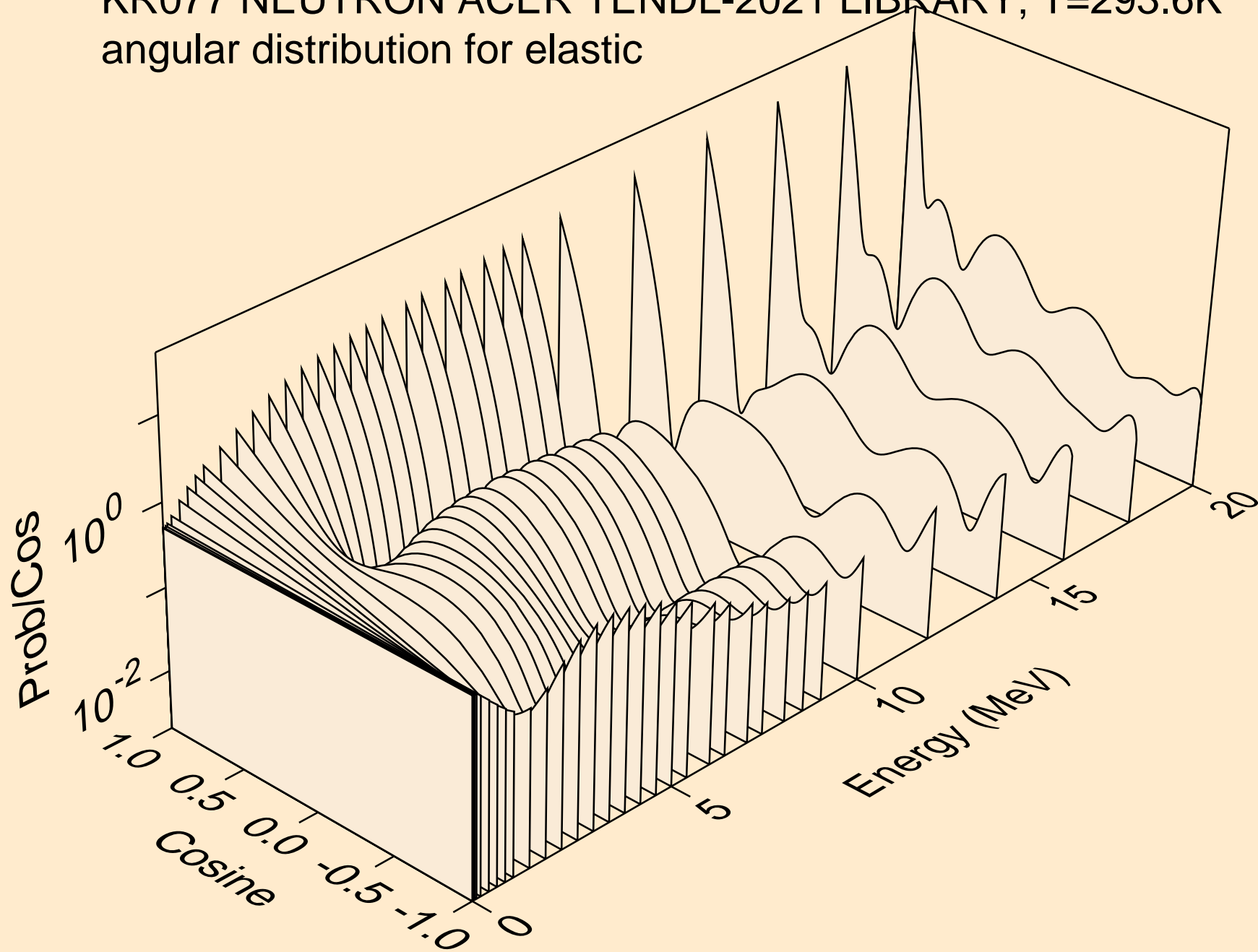
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



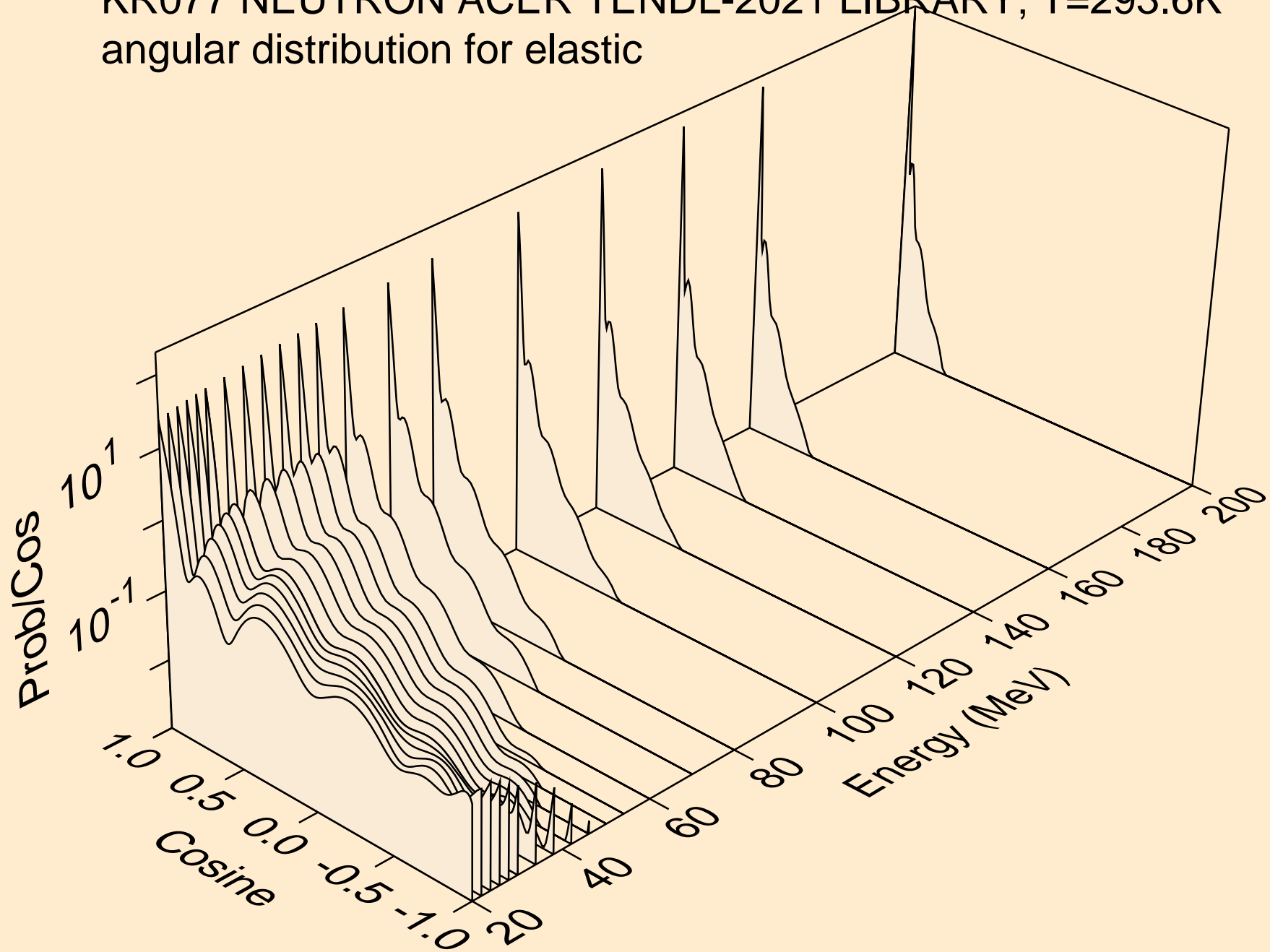
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



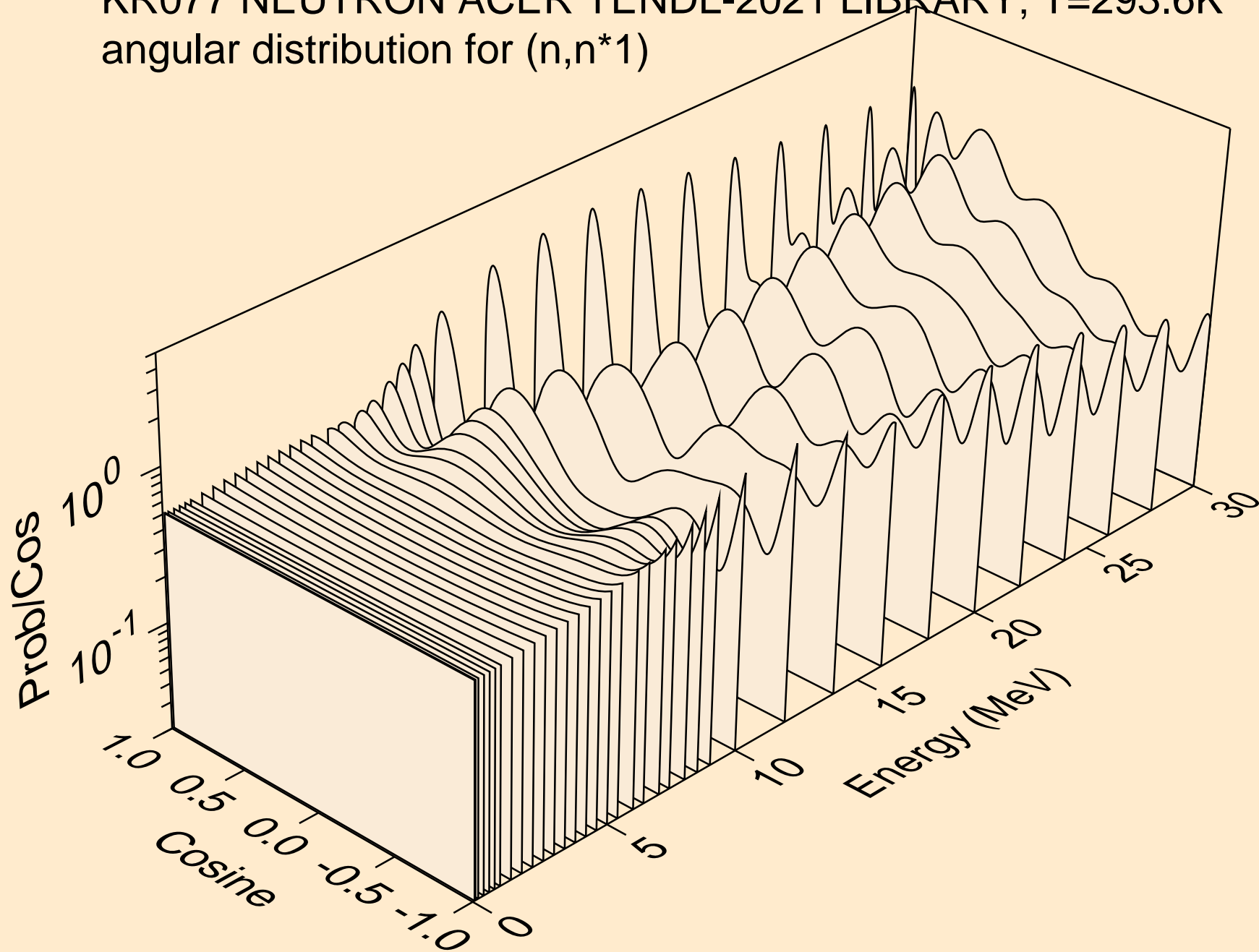
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



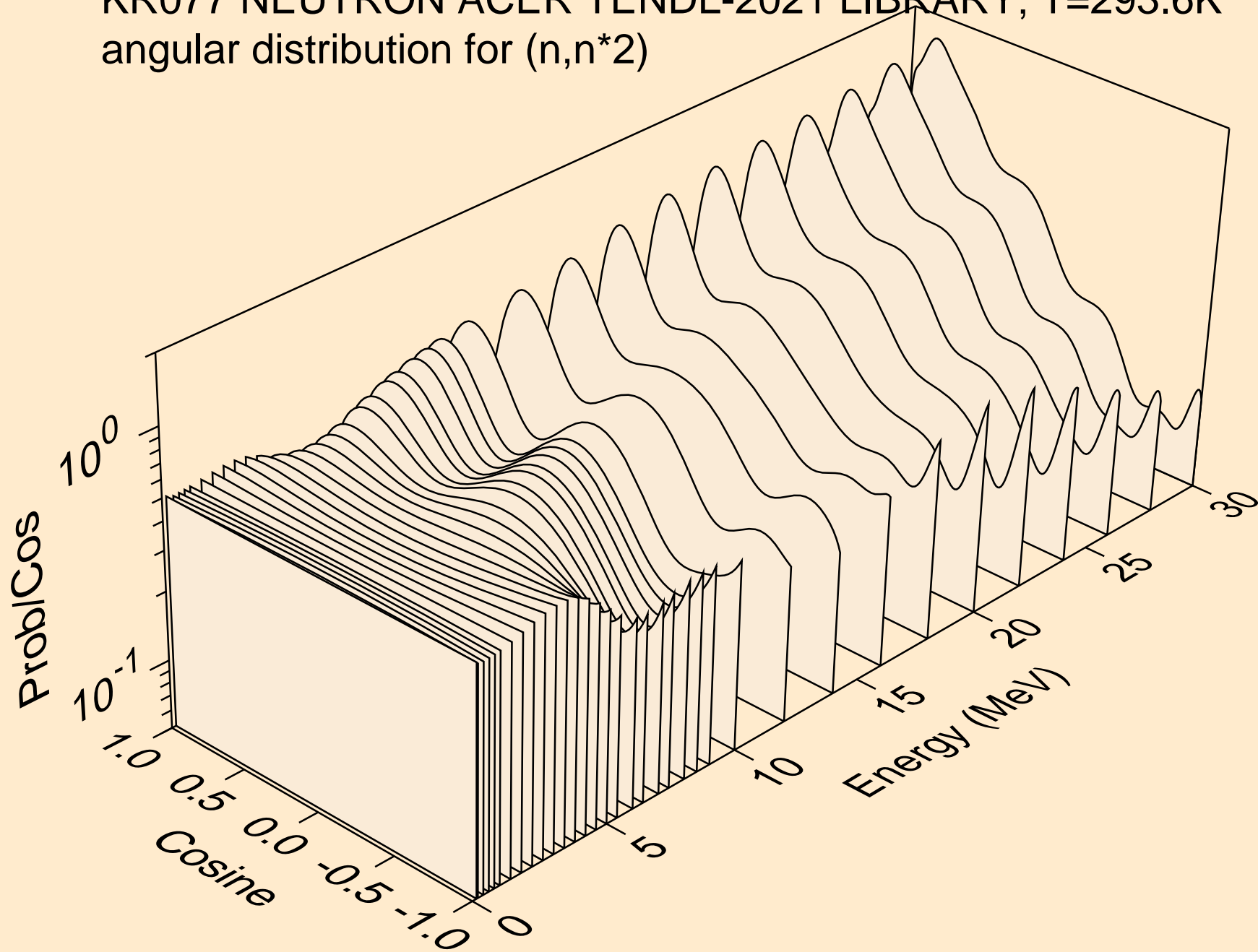
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



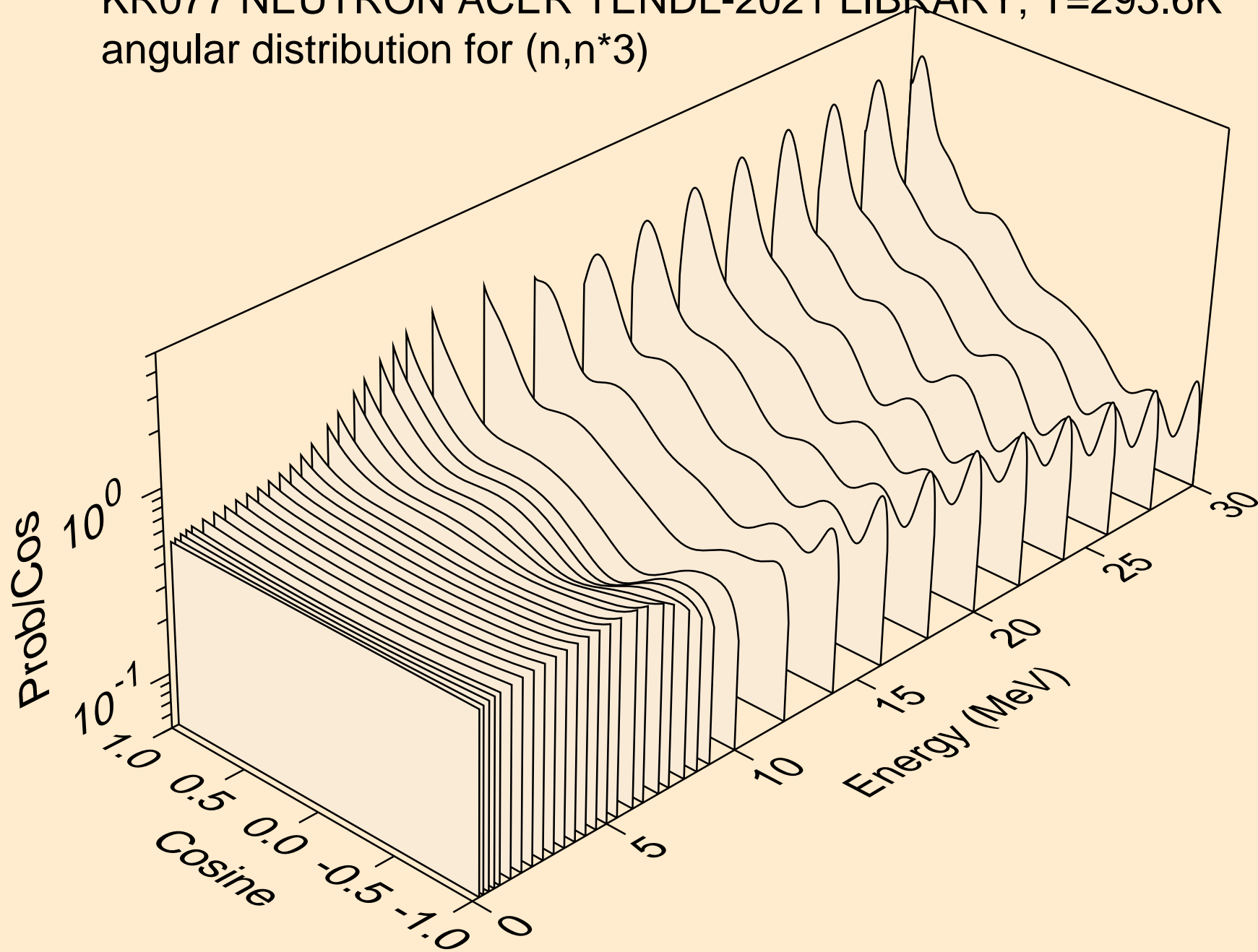
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

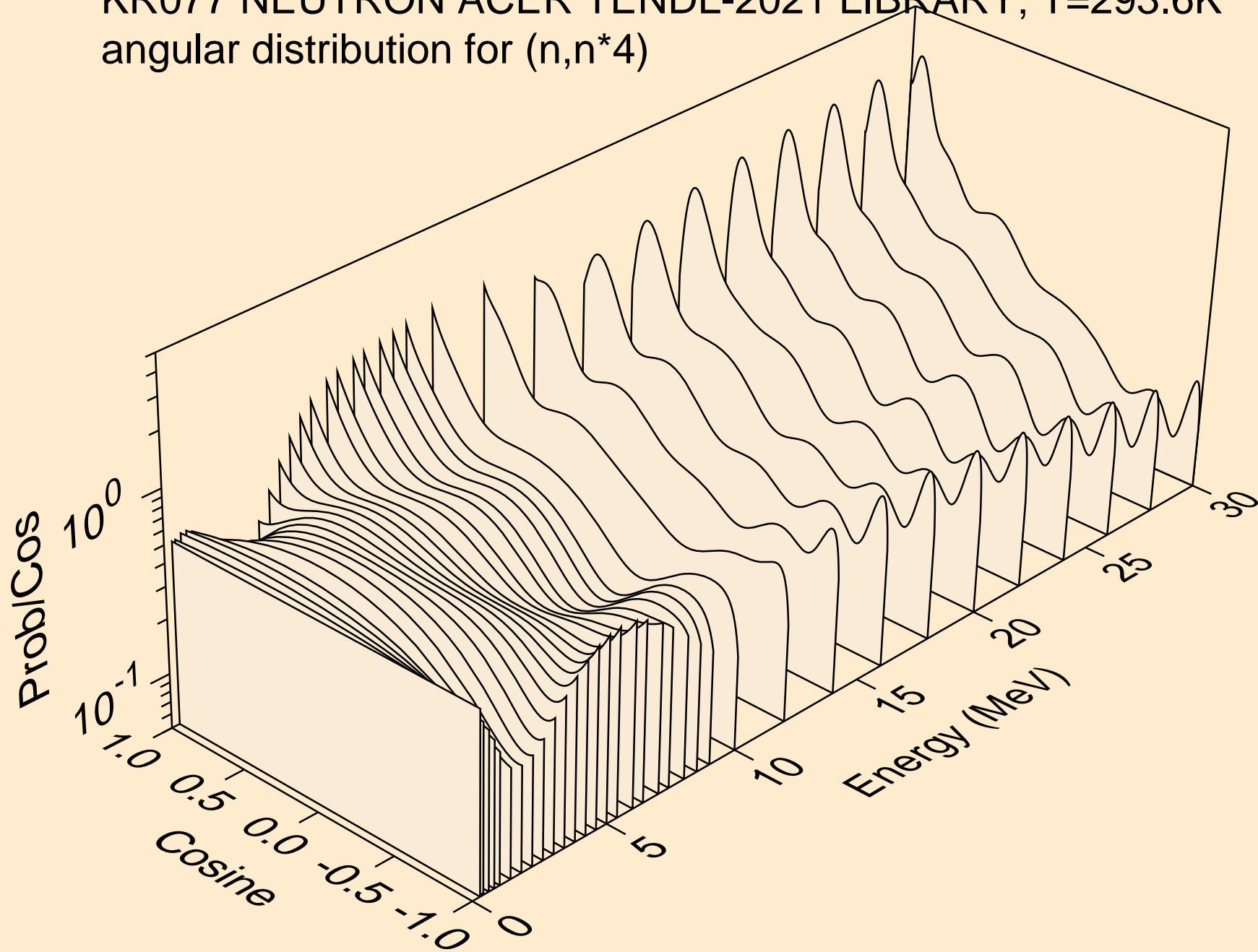


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

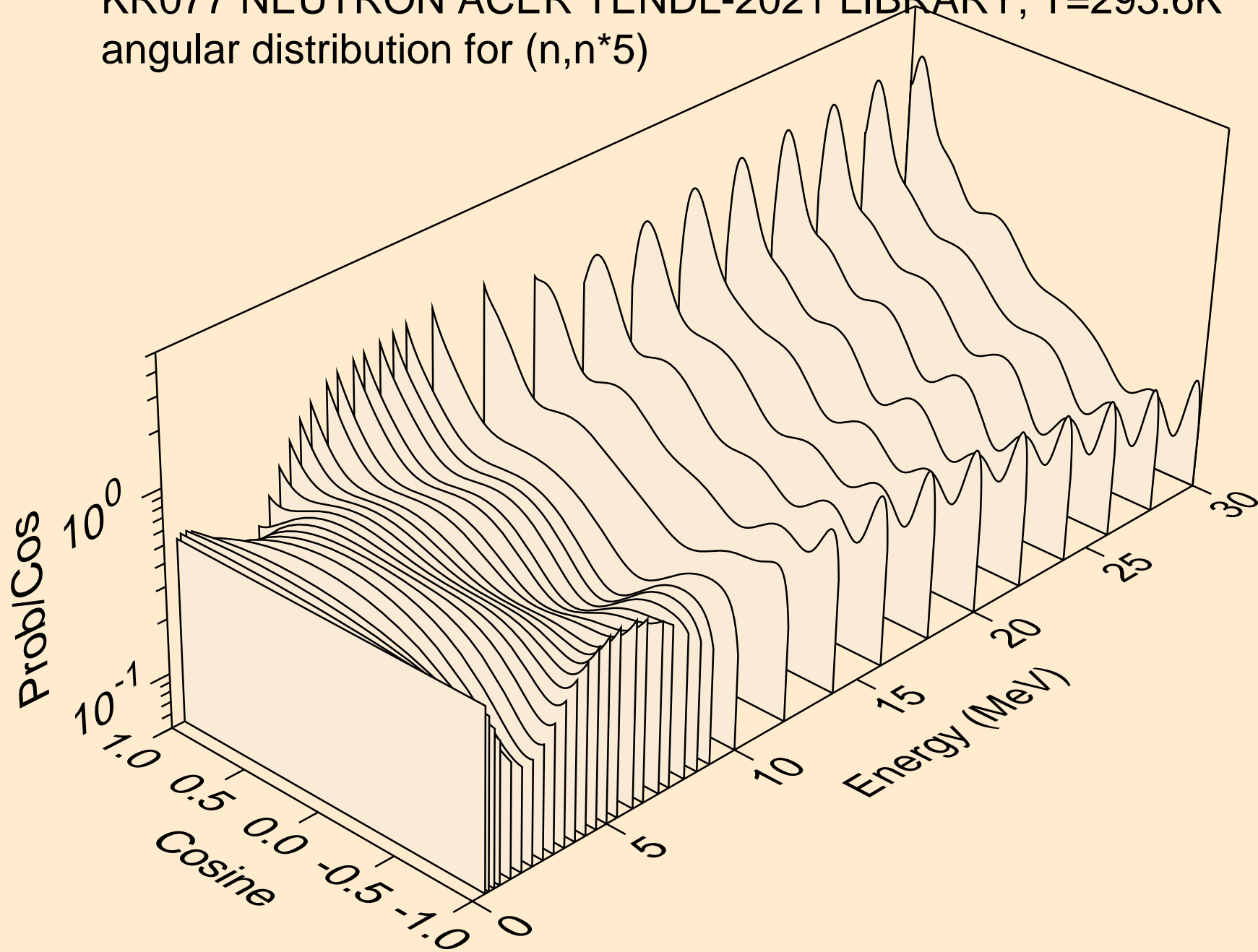




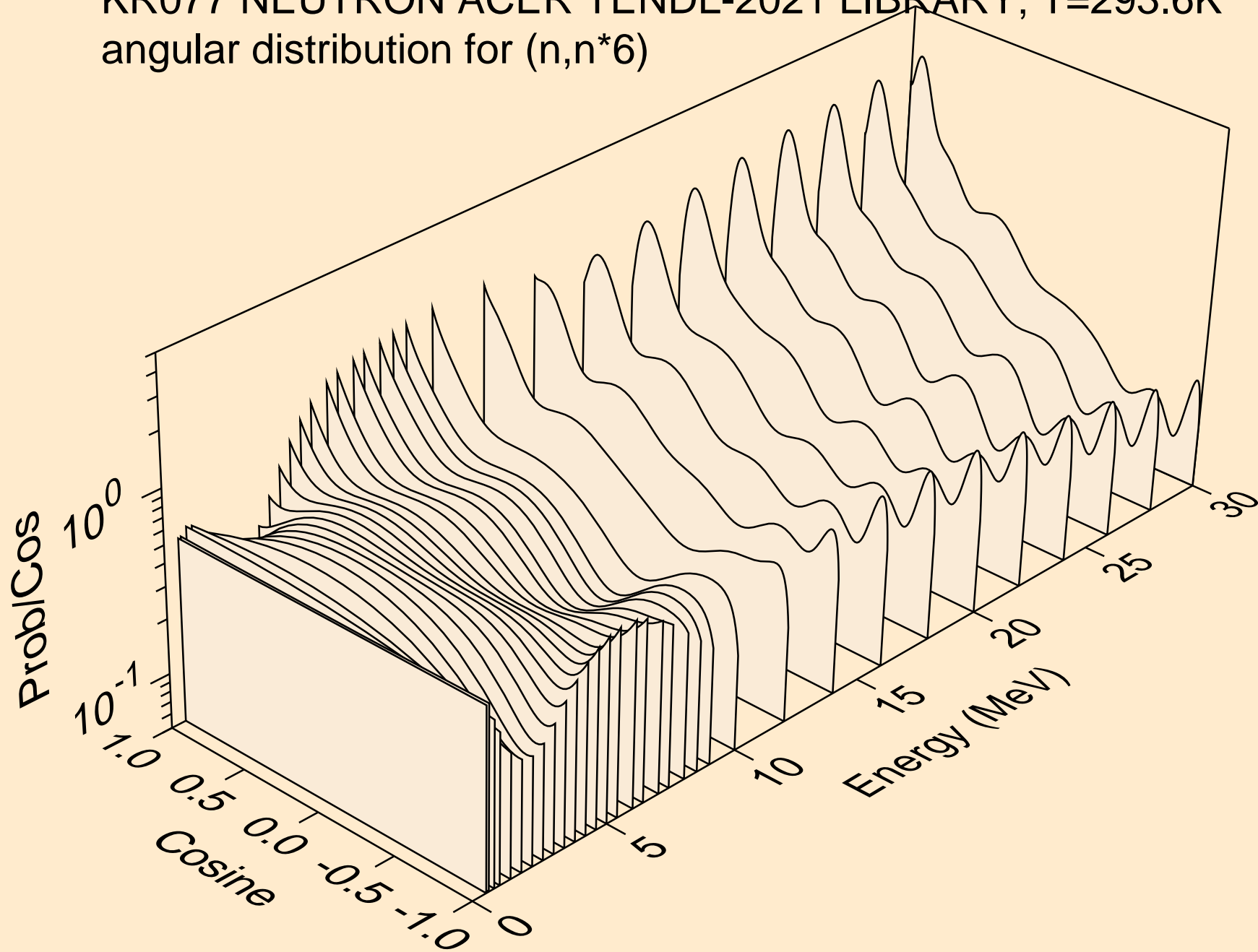
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angular distribution for (n,n\*4)



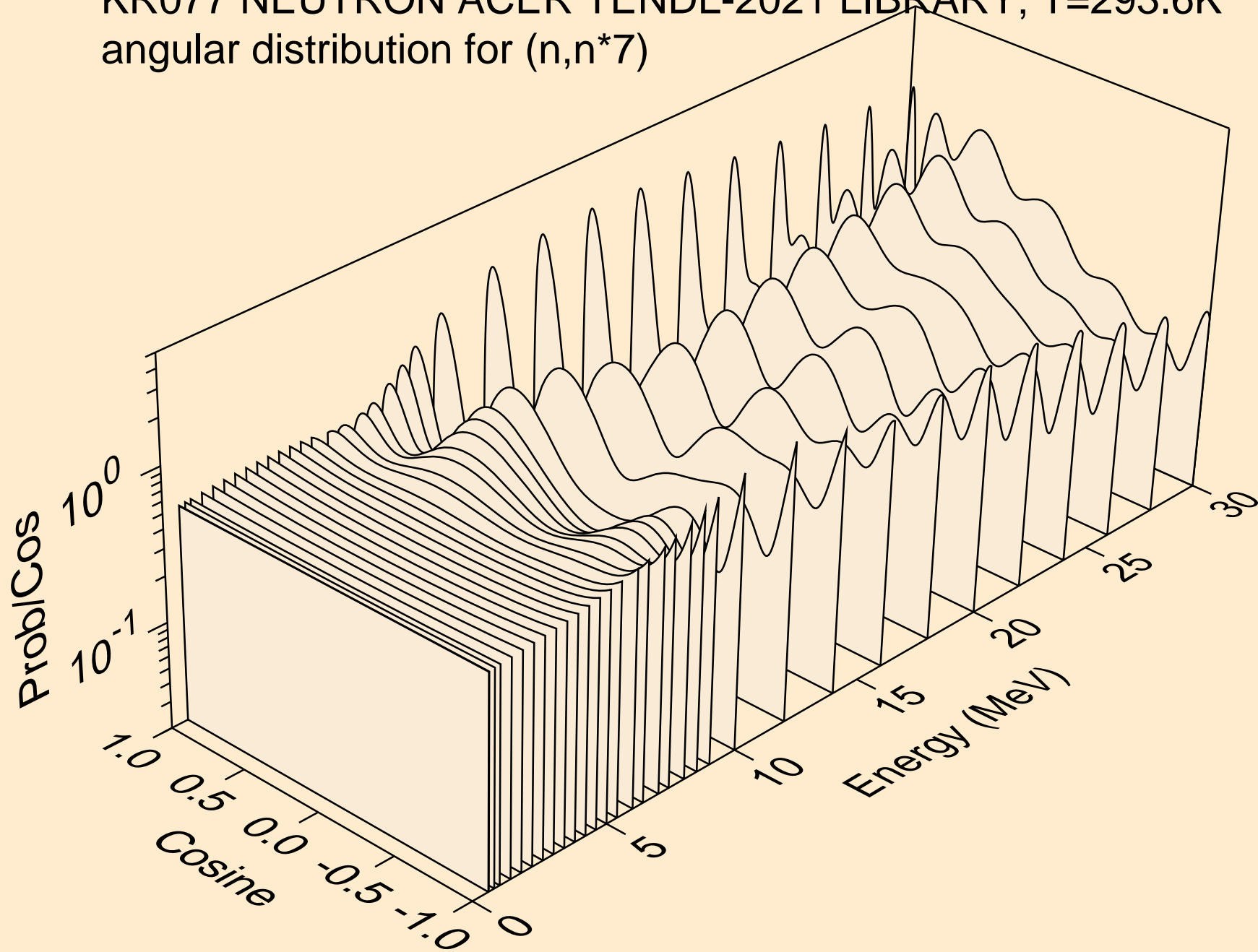
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angular distribution for (n,n\*5)



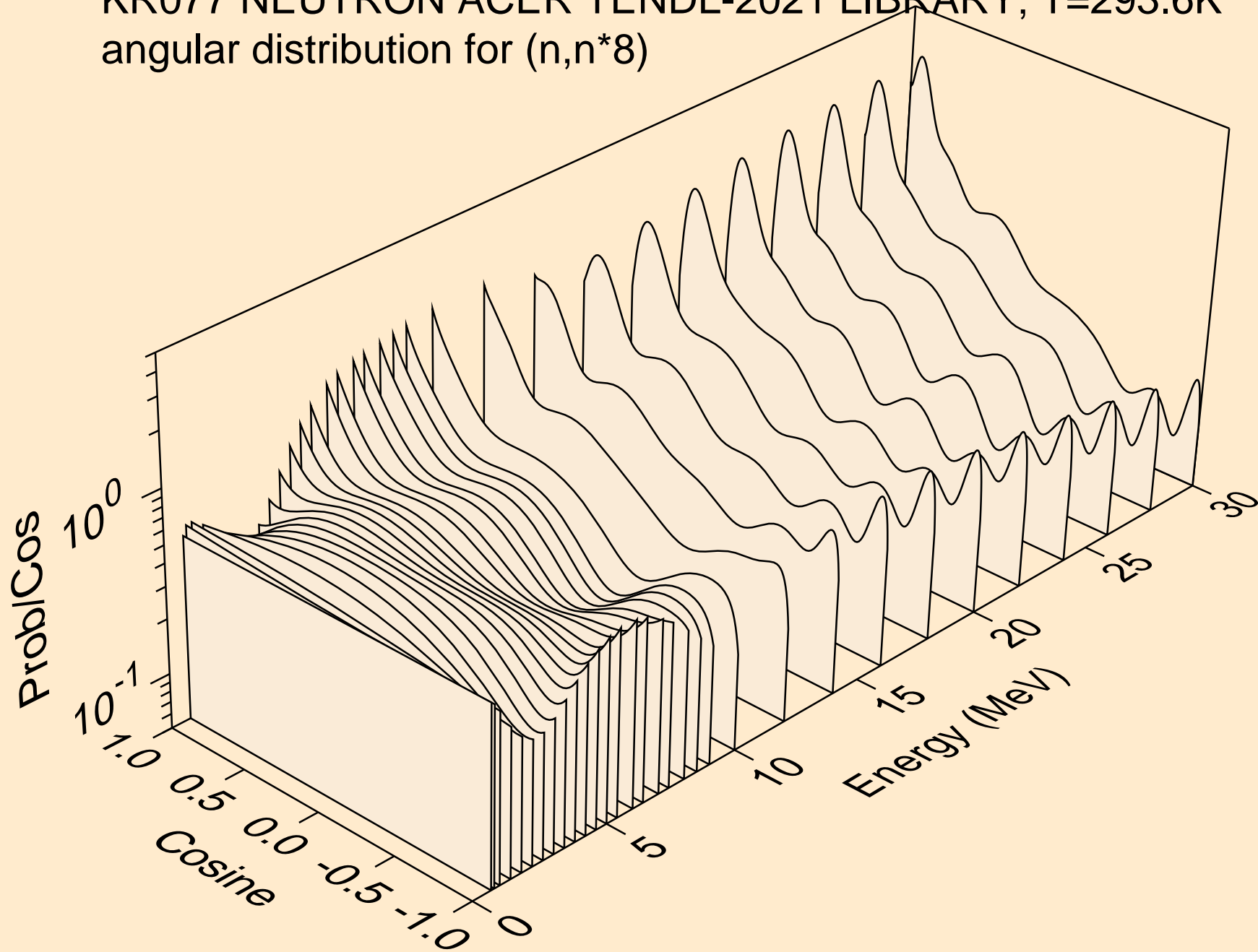
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



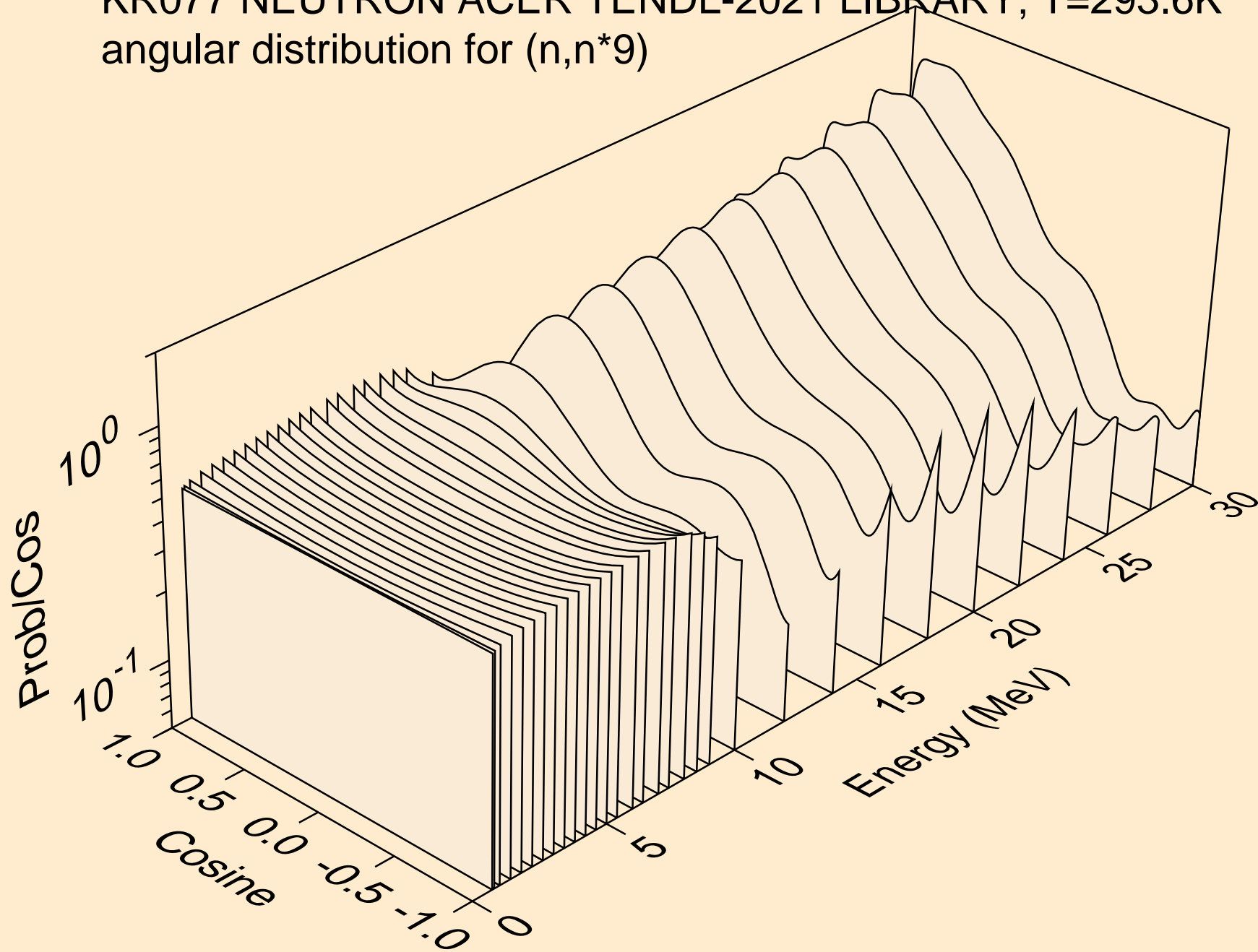
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angular distribution for (n,n\*7)



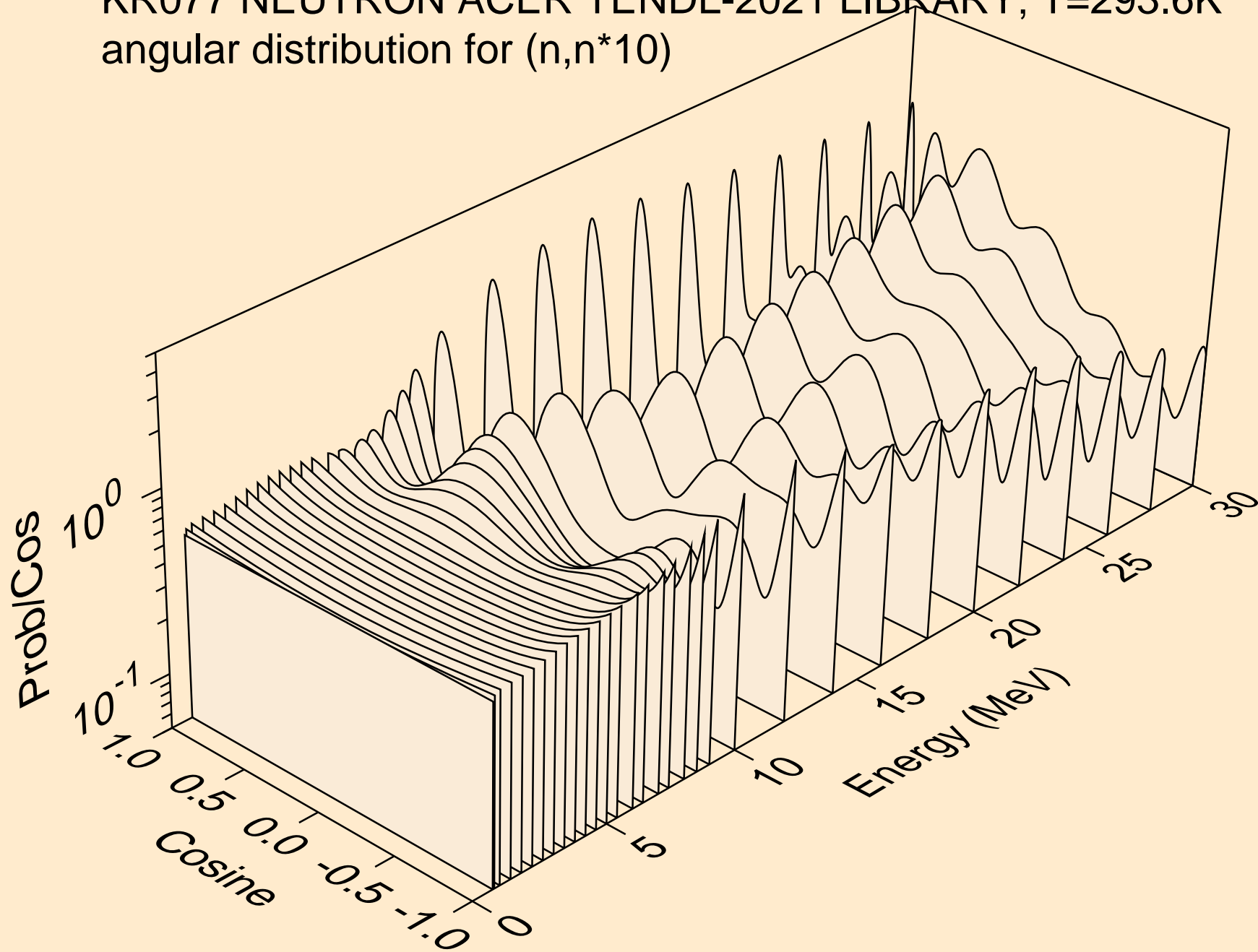
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

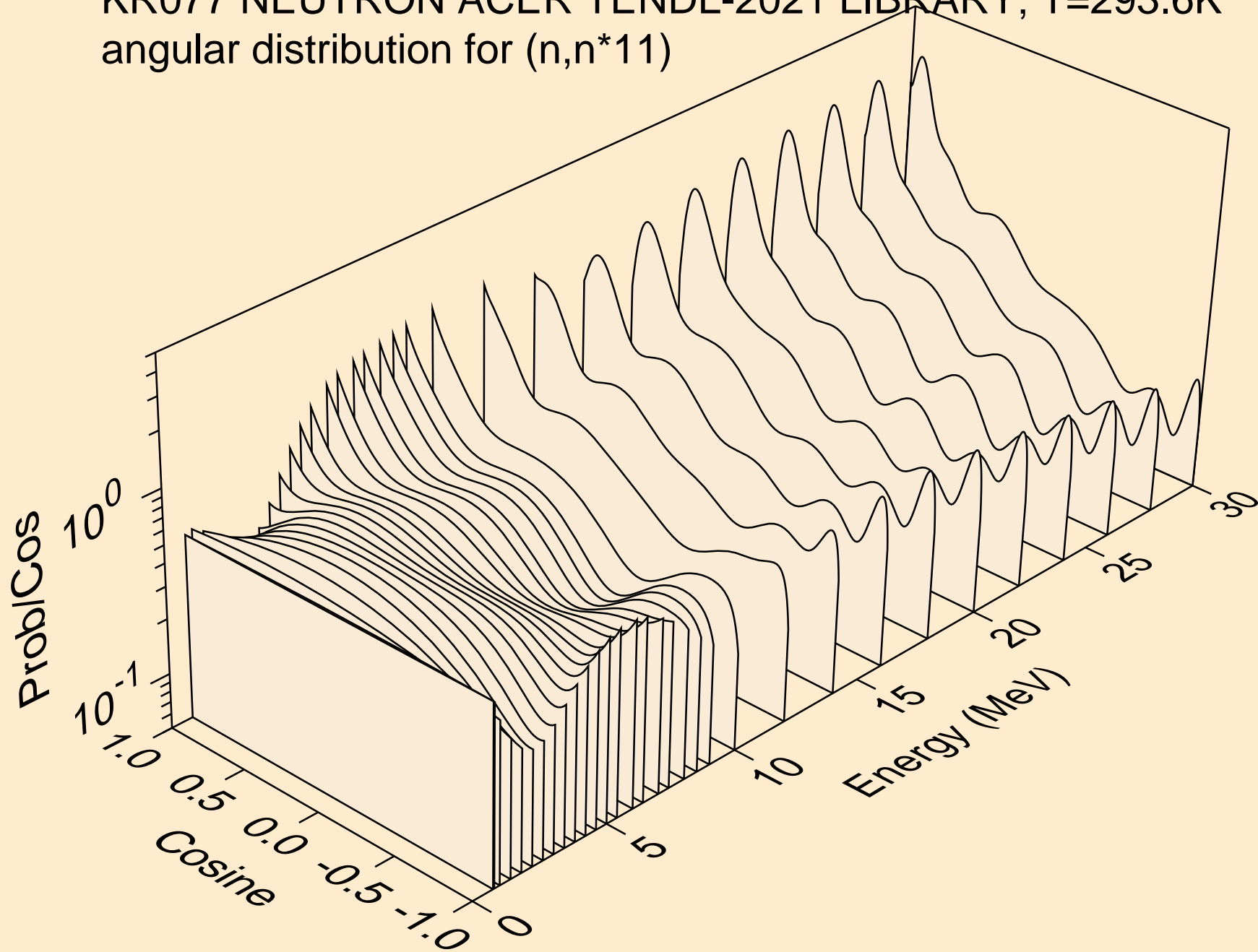


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



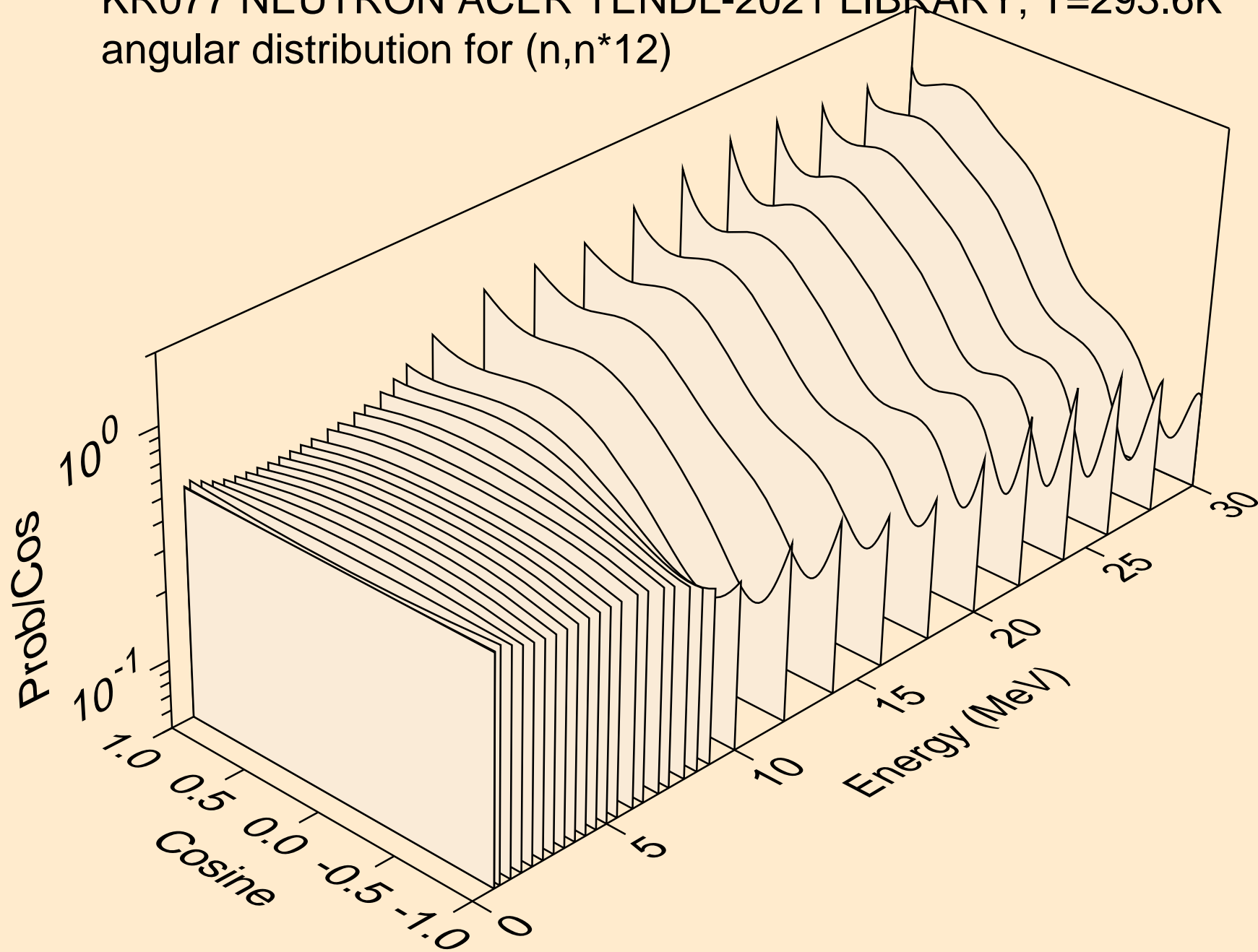


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

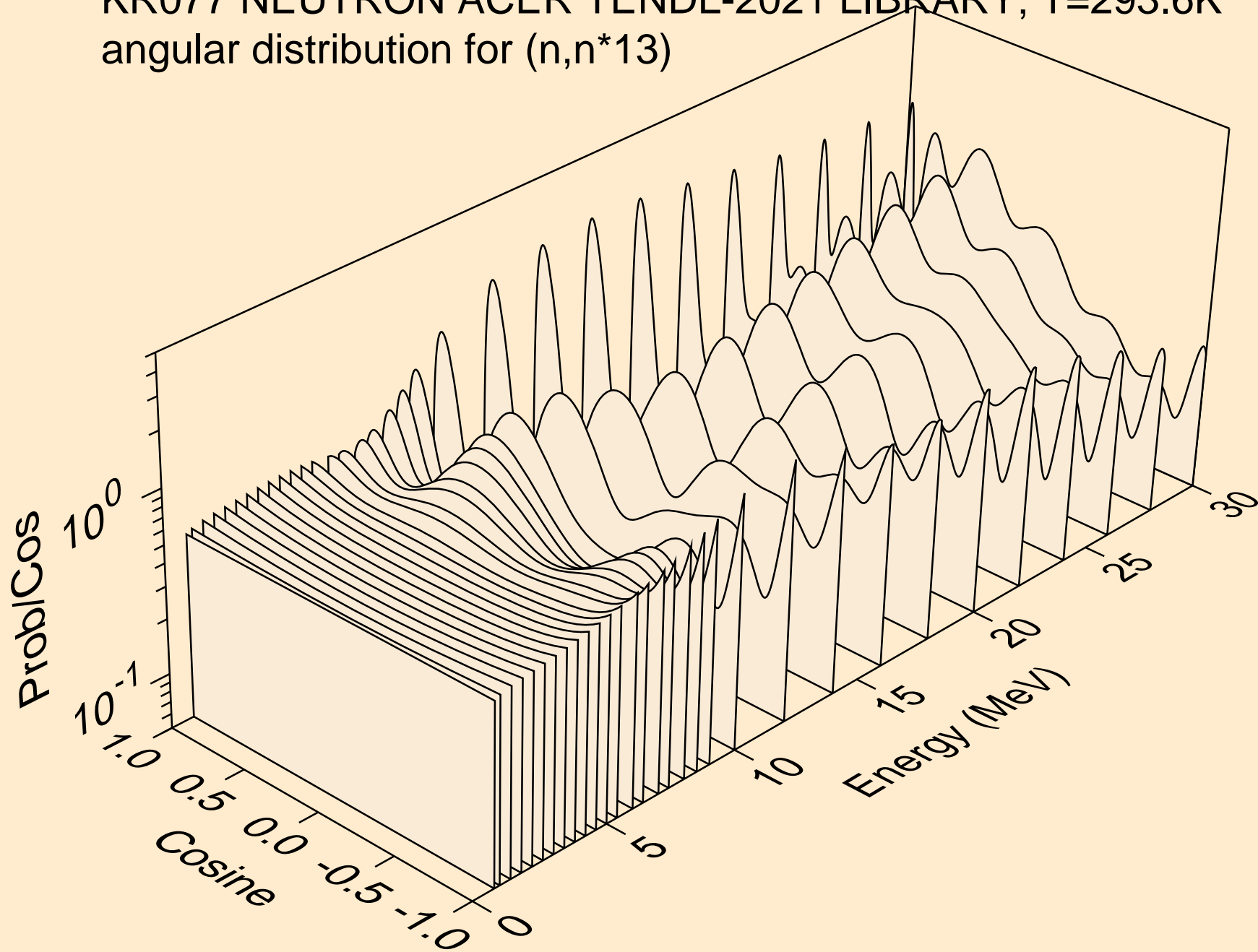




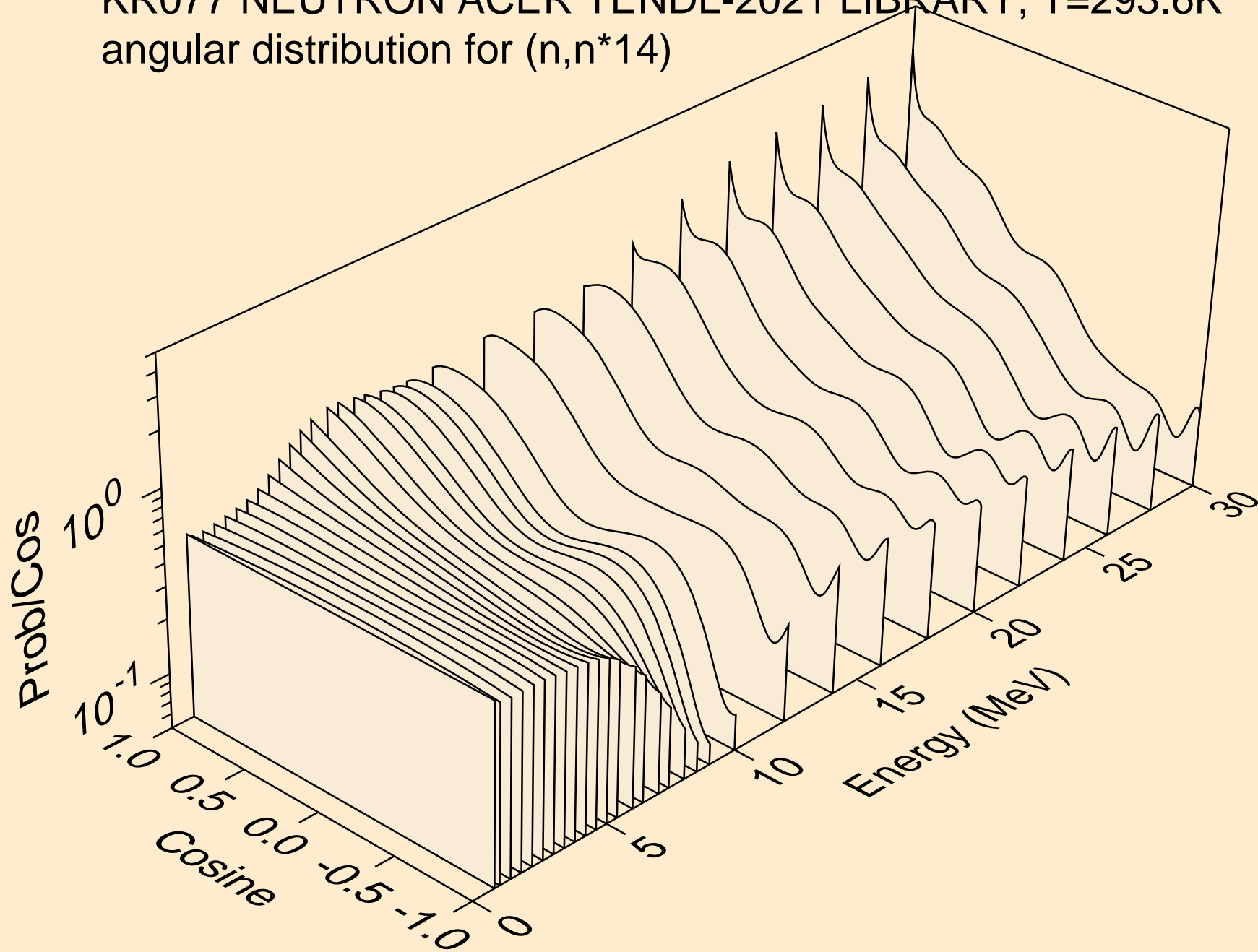
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angular distribution for (n,n\*12)



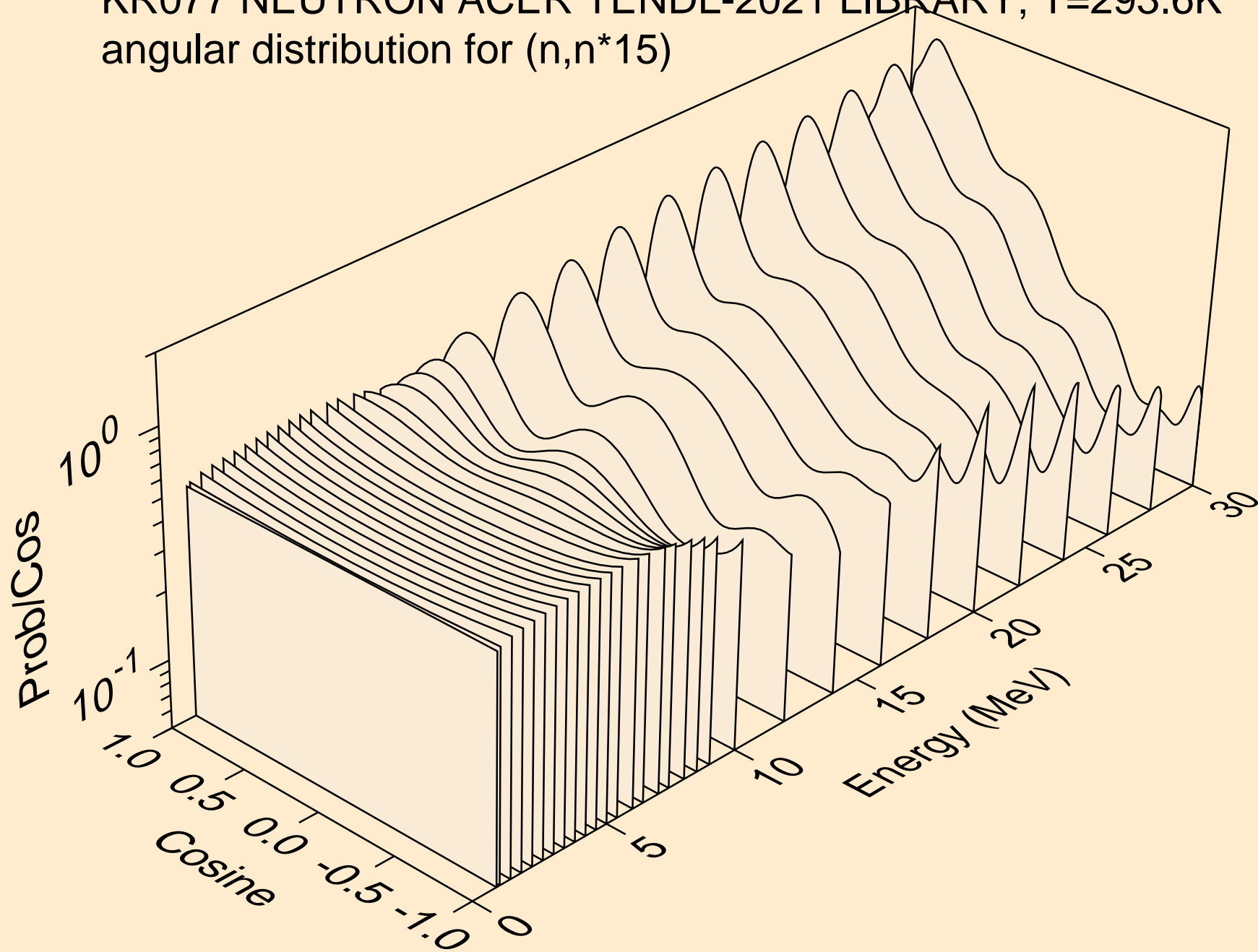
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angular distribution for (n,n\*13)



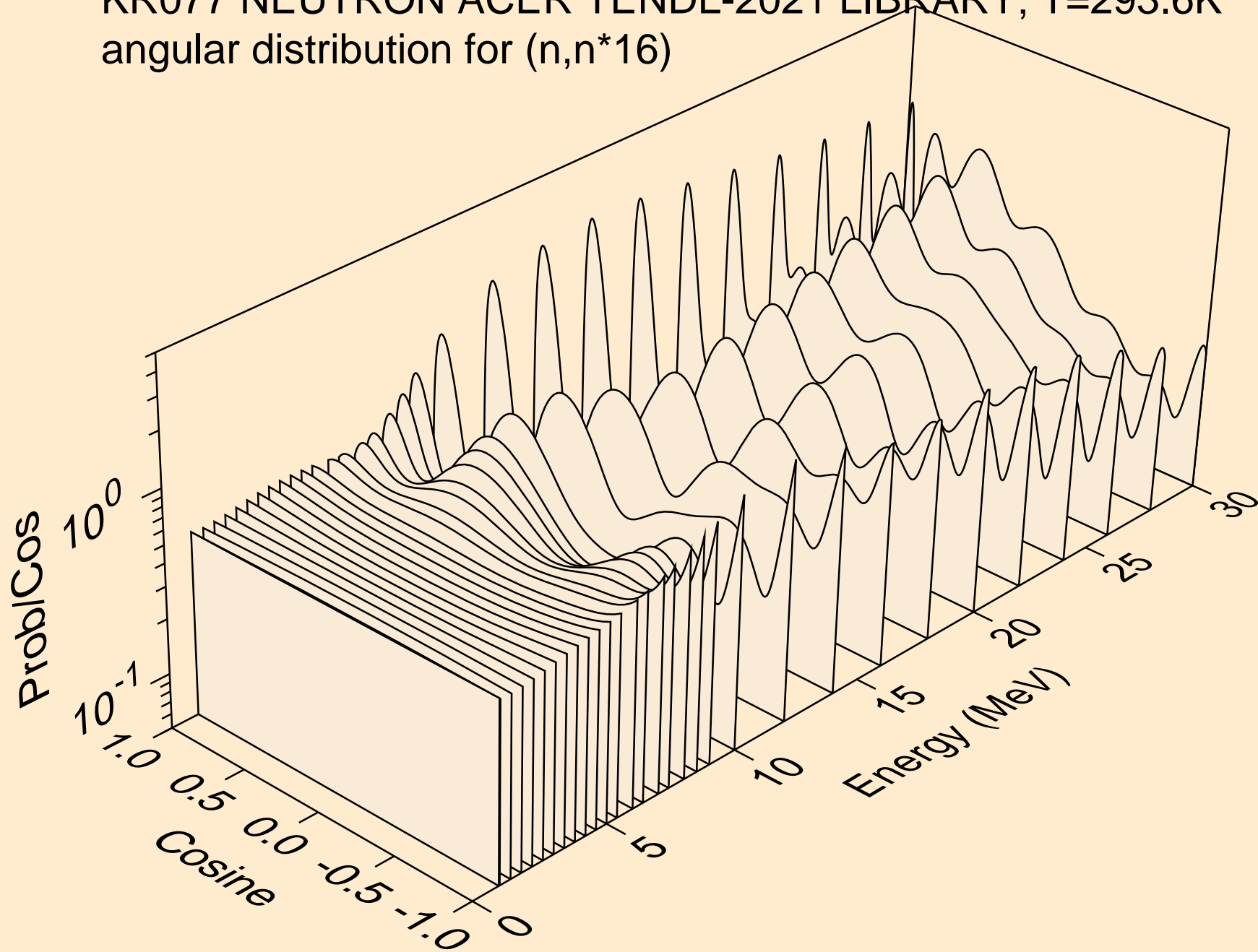
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angular distribution for (n,n\*14)



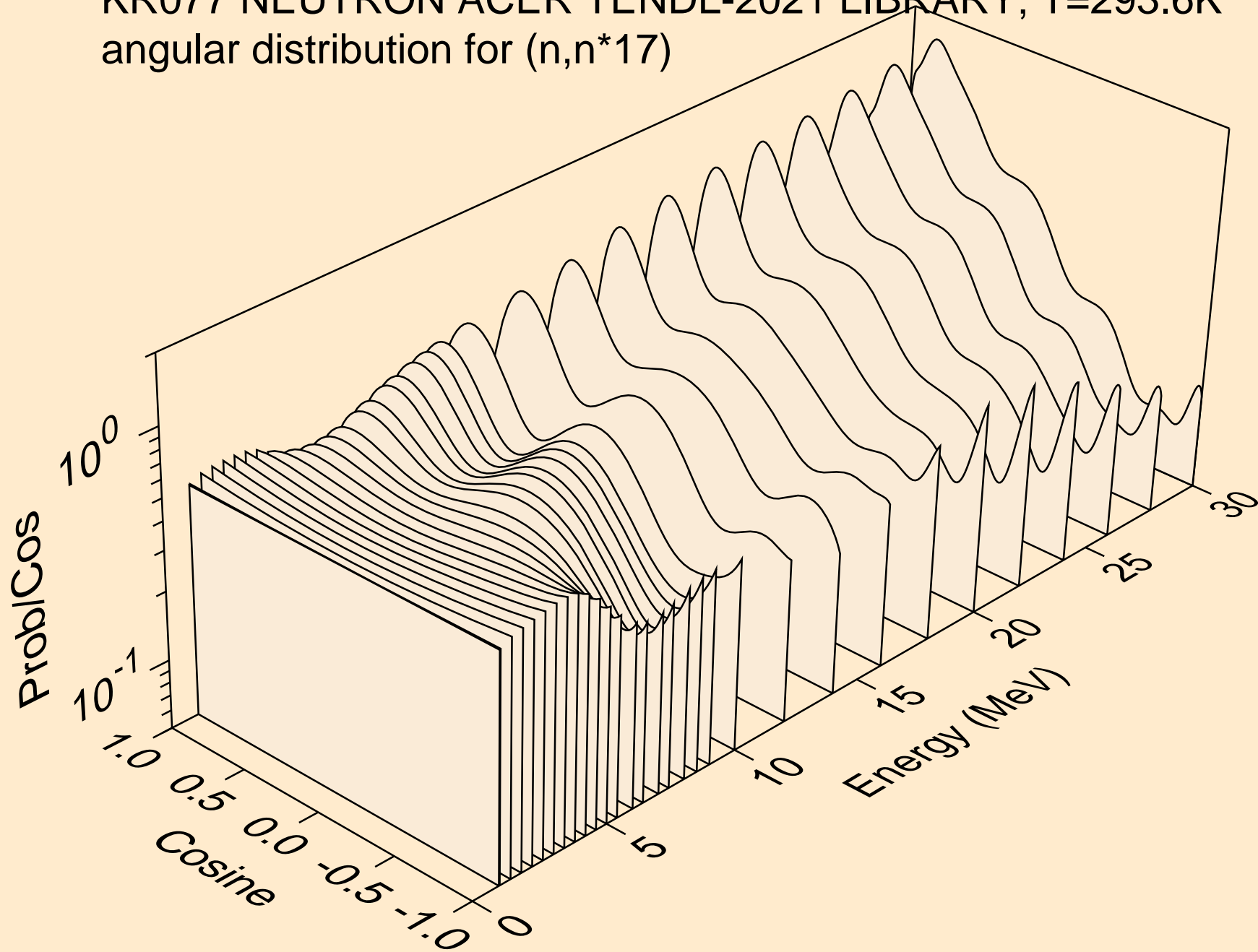
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angular distribution for (n,n\*15)



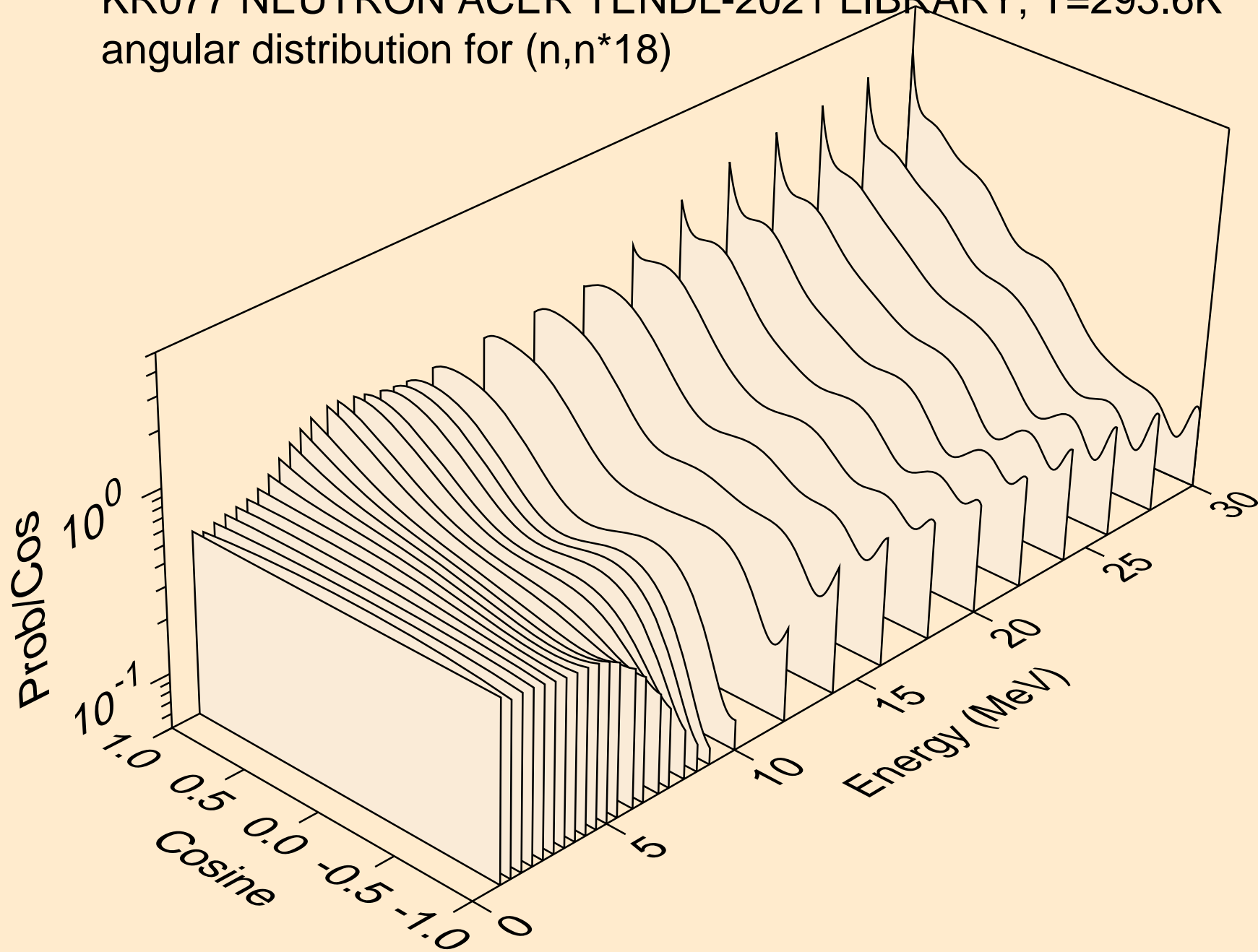
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angular distribution for (n,n\*16)



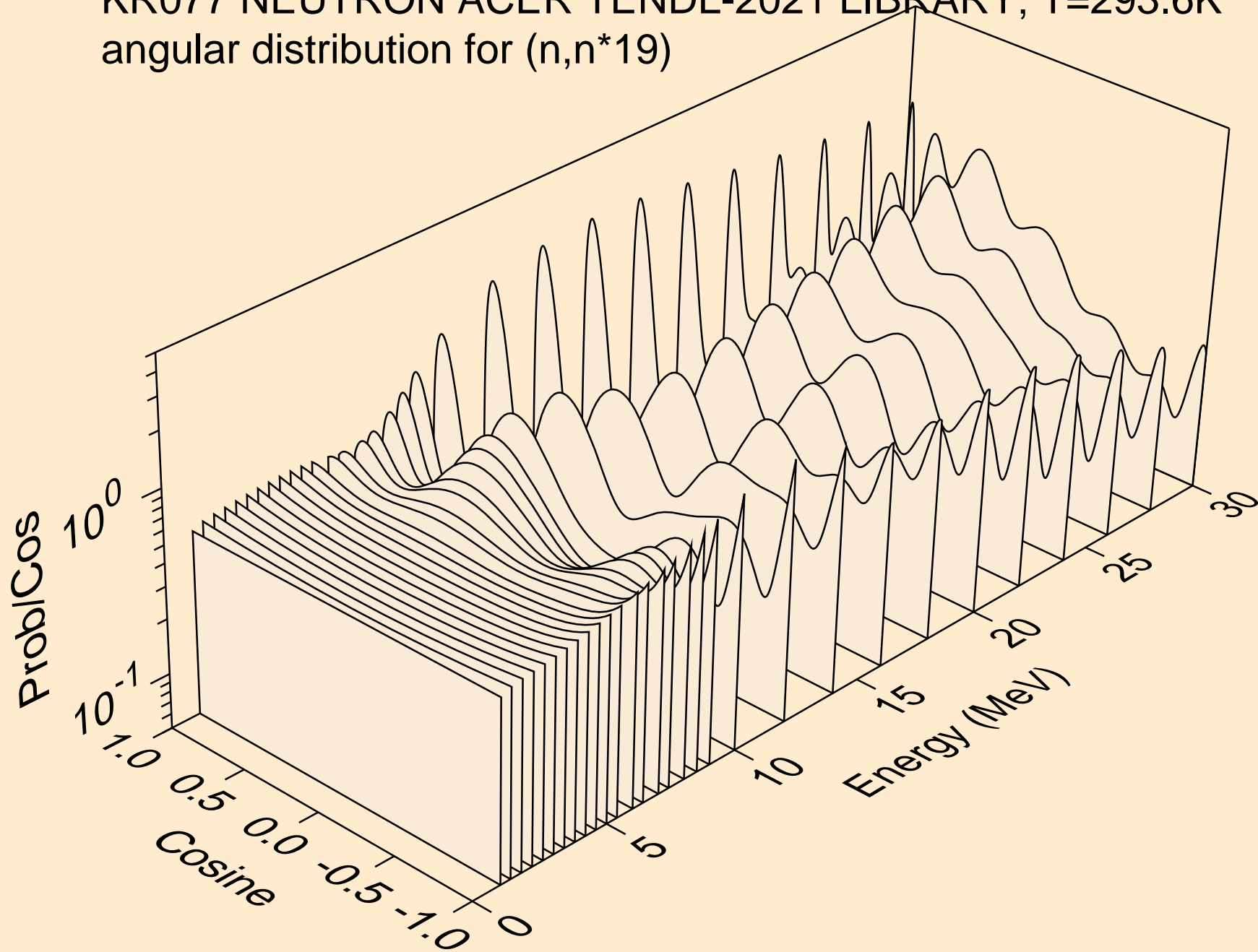
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

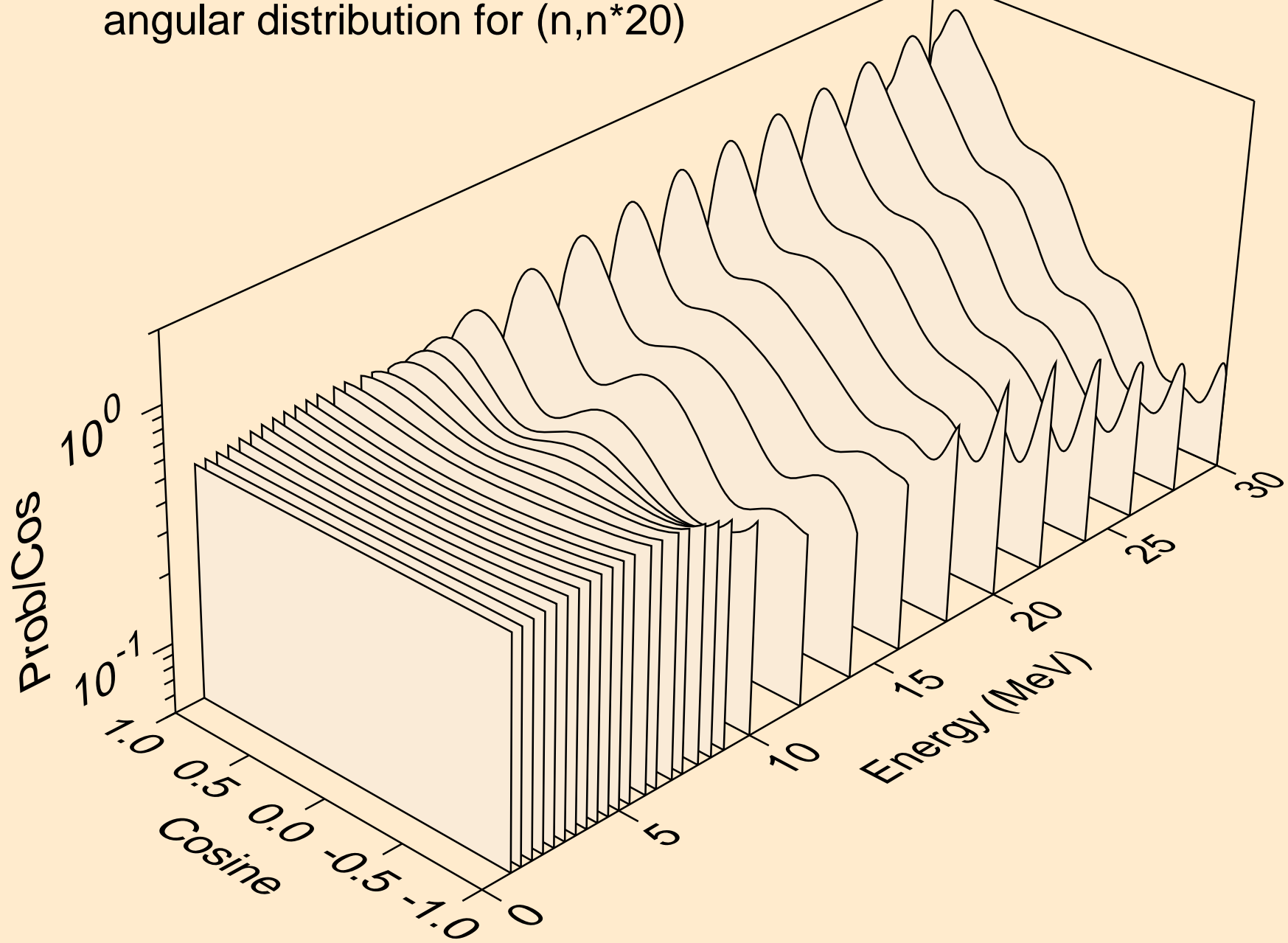


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

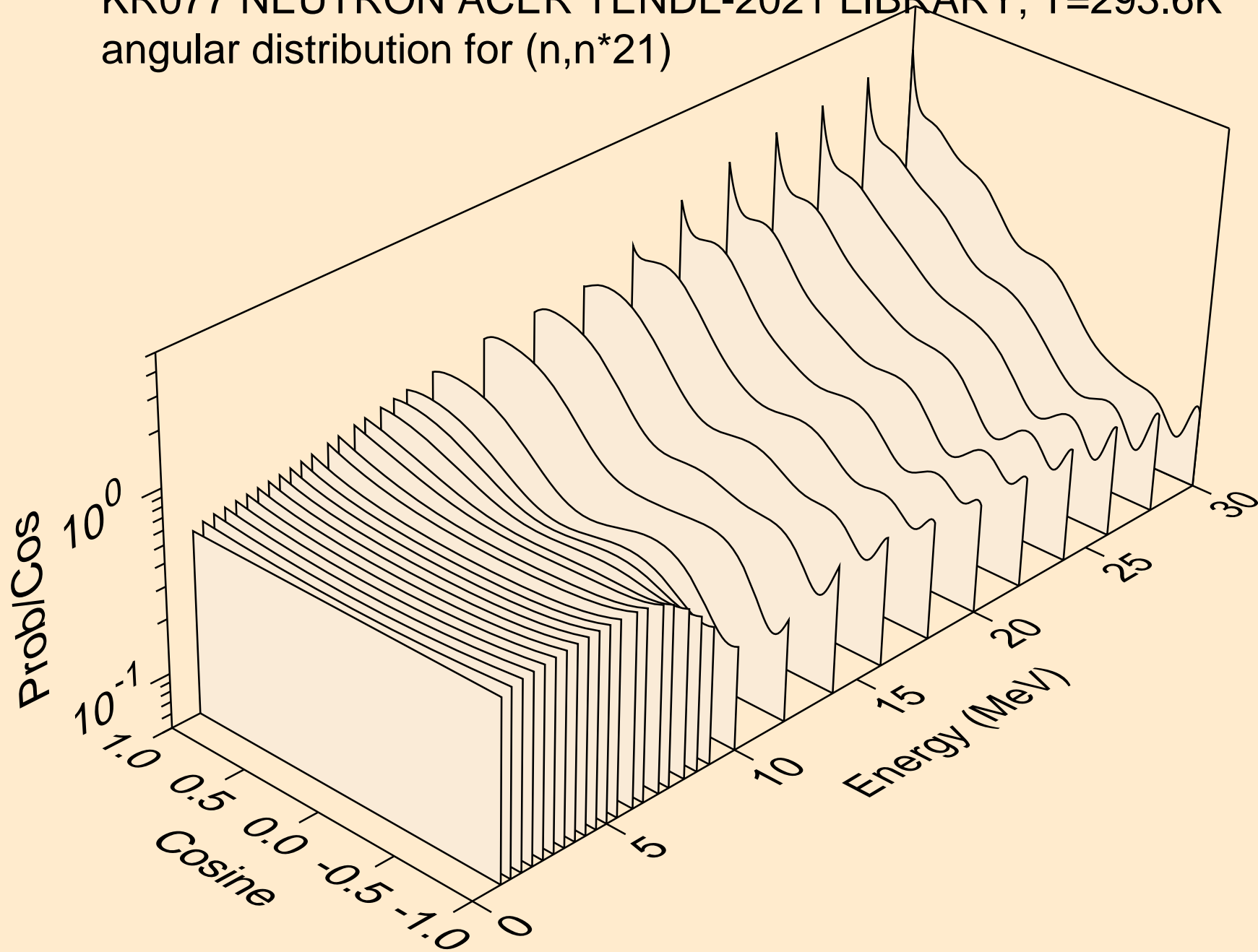




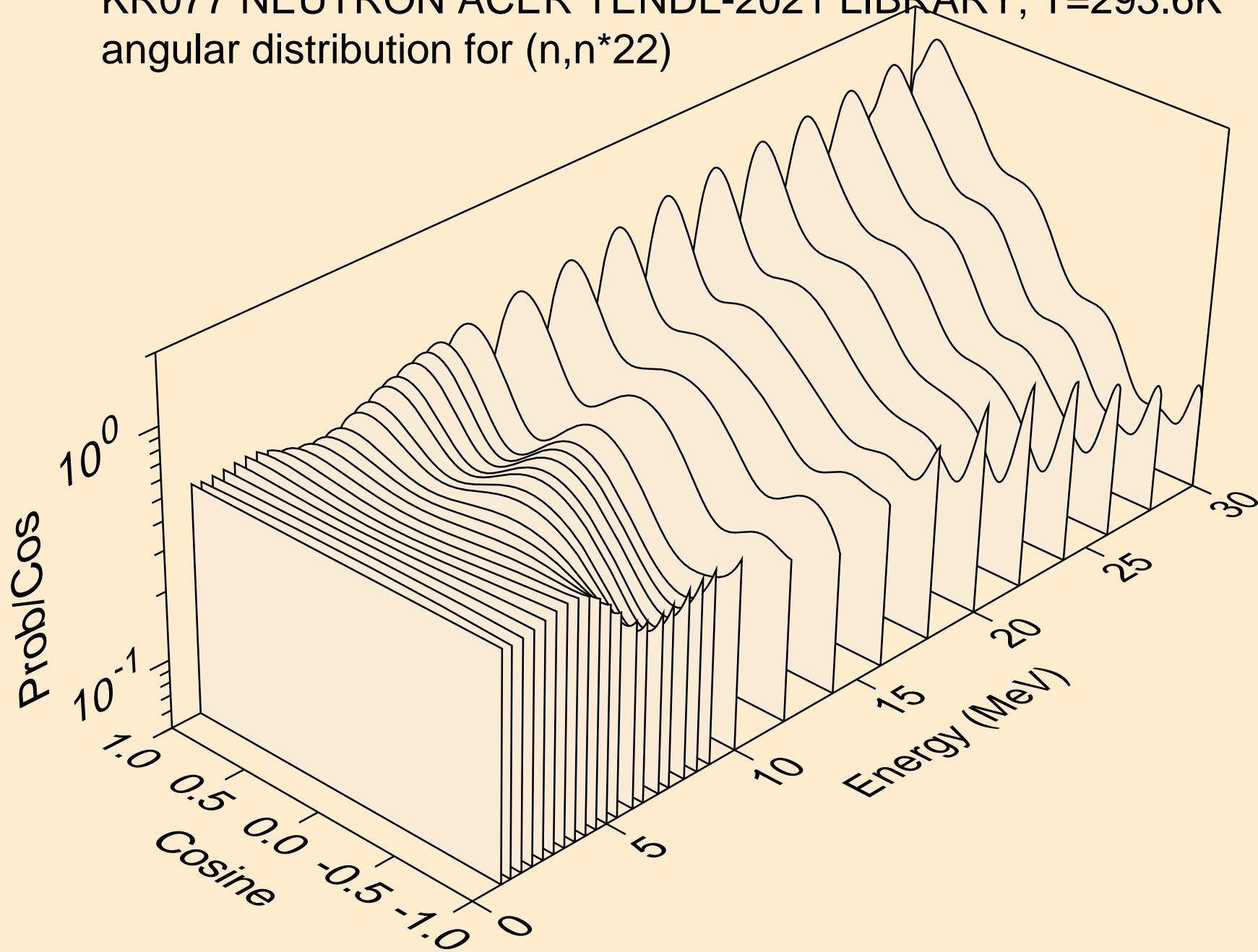
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



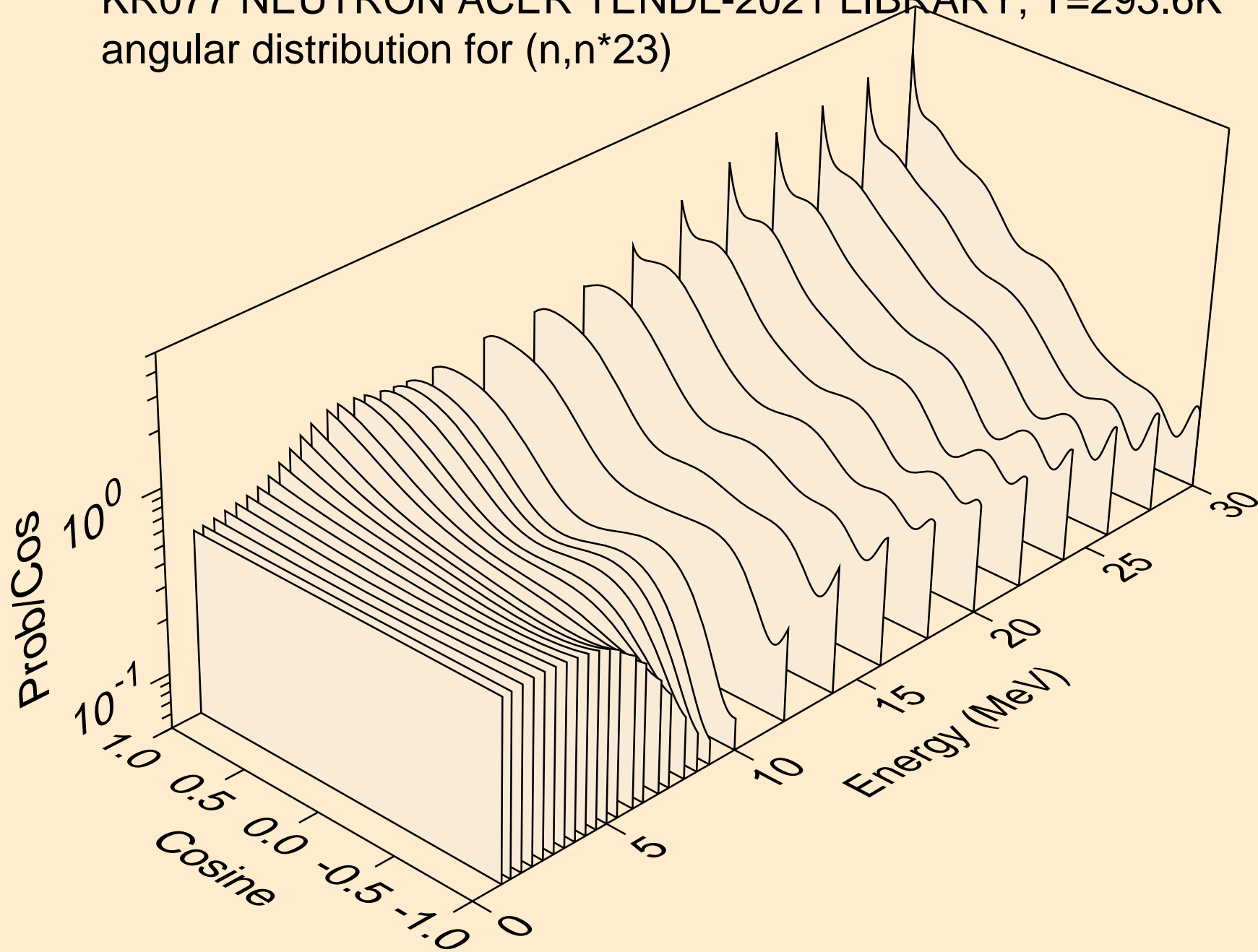
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angular distribution for (n,n\*21)



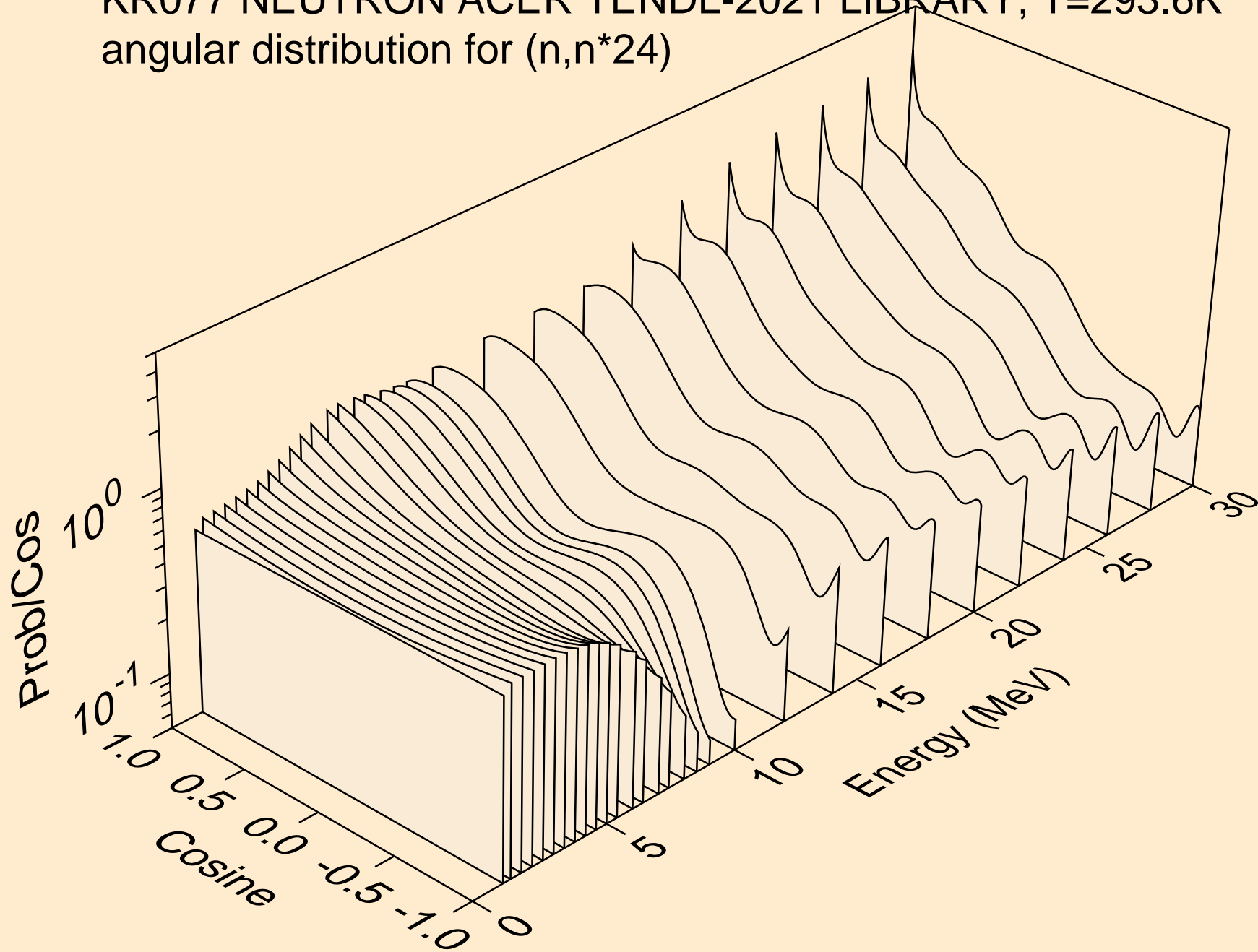
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



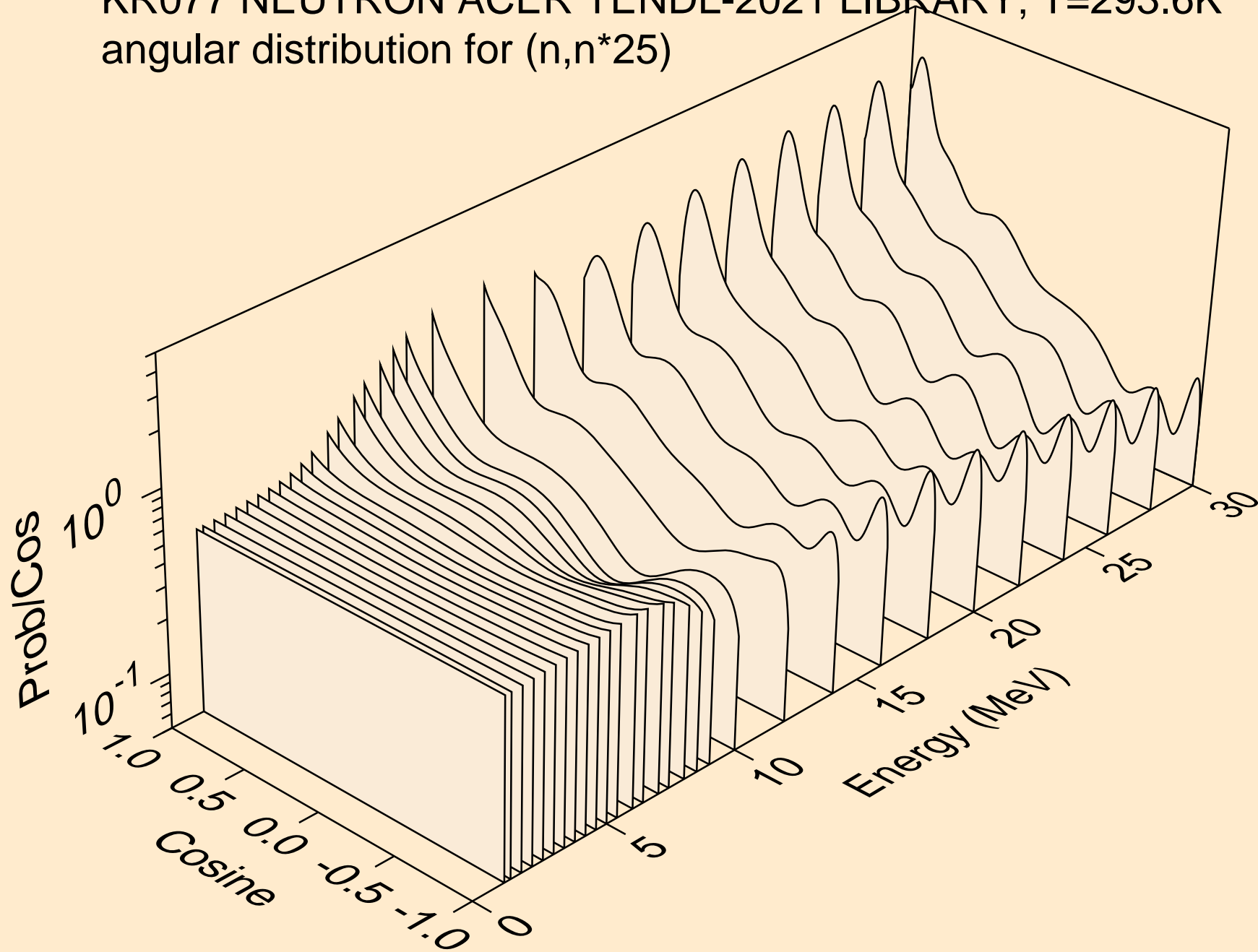
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angular distribution for (n,n\*23)



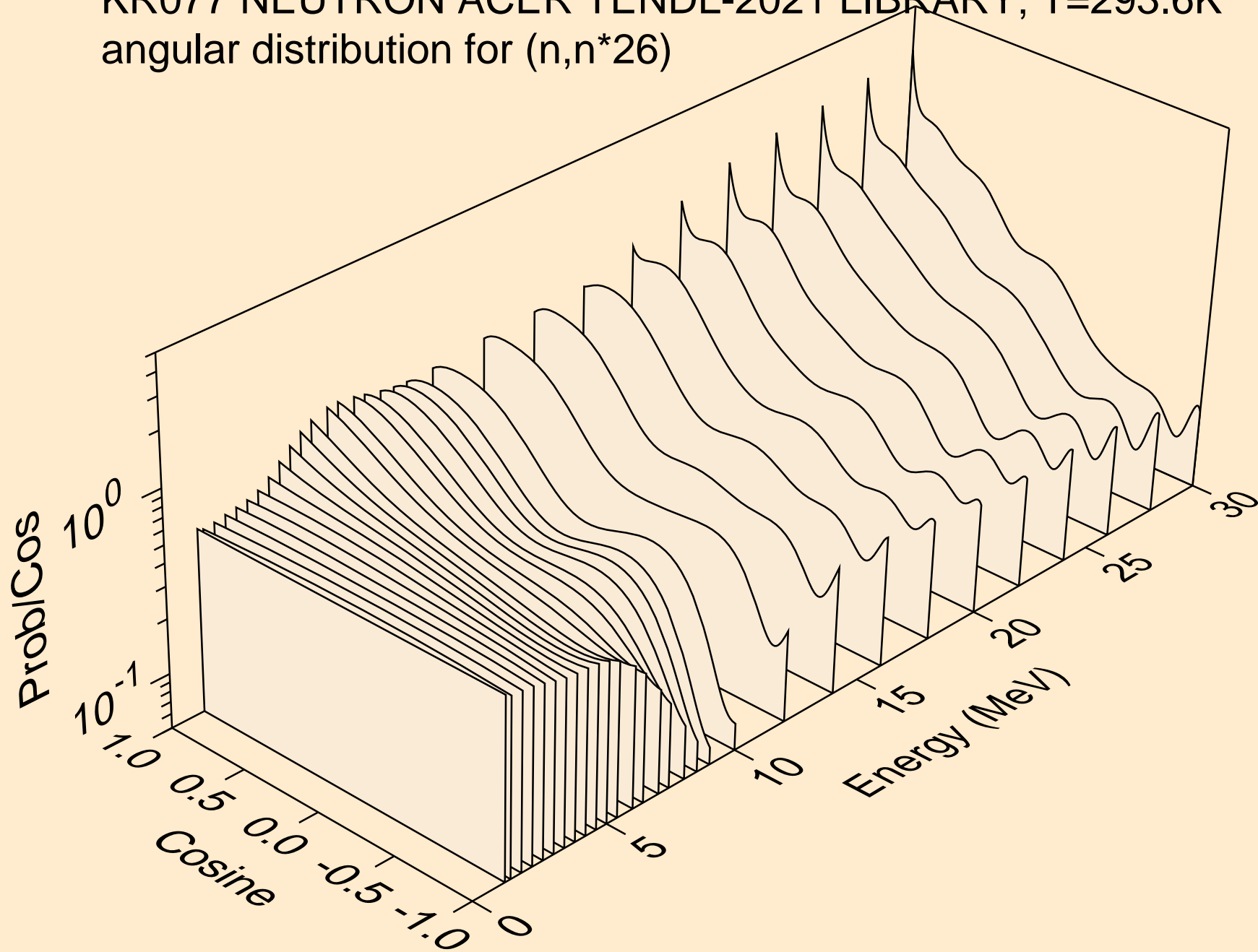
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angular distribution for (n,n\*24)



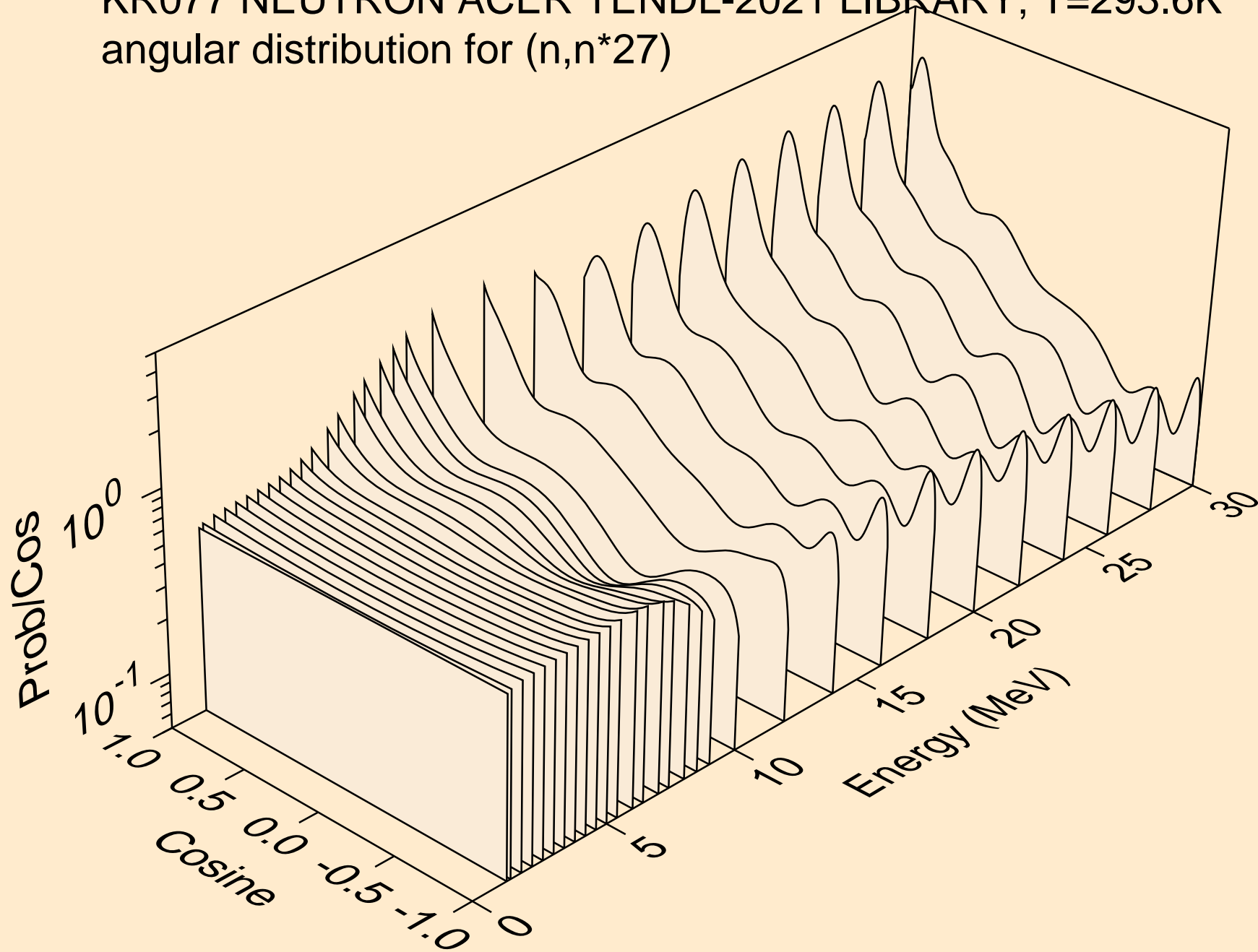
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

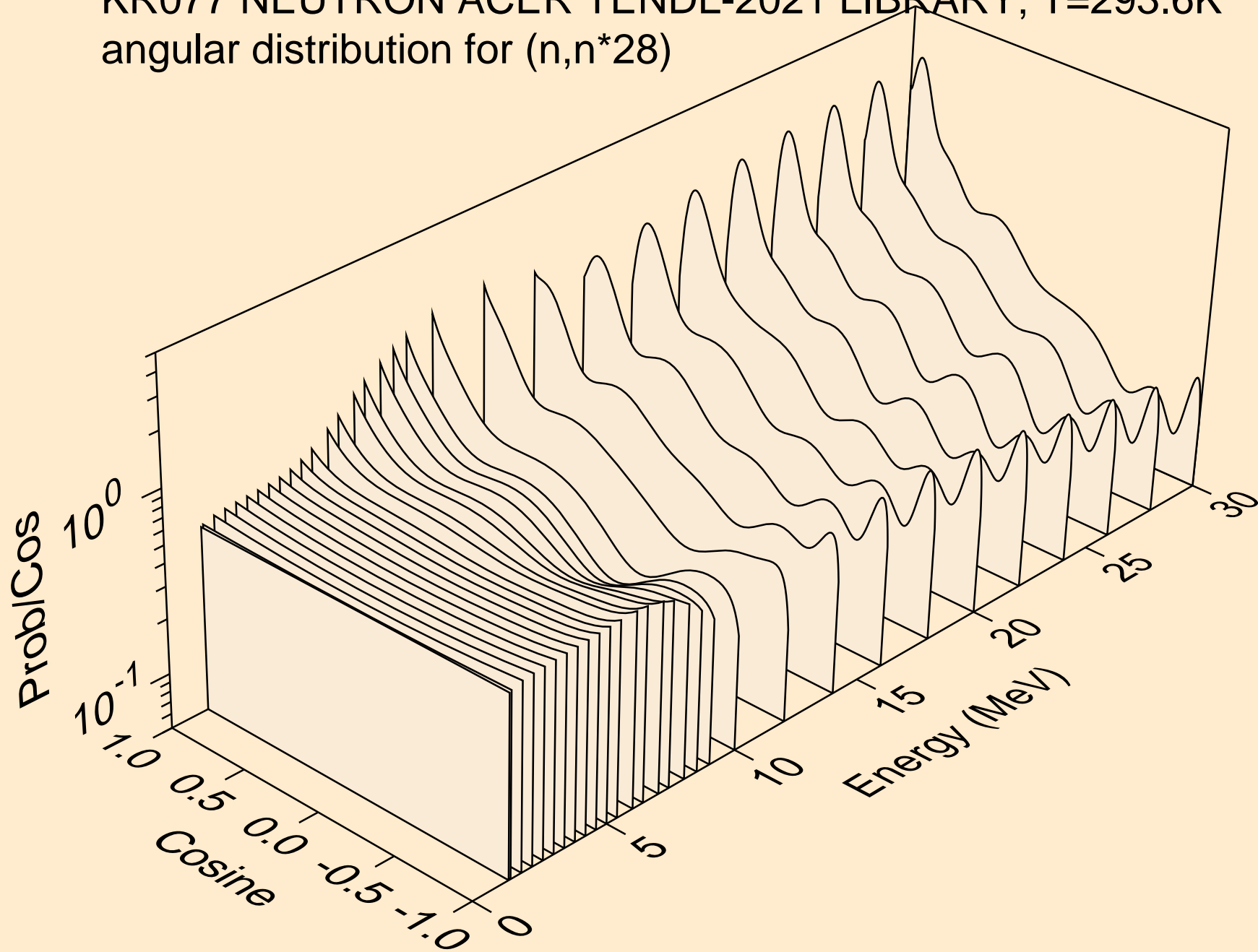


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

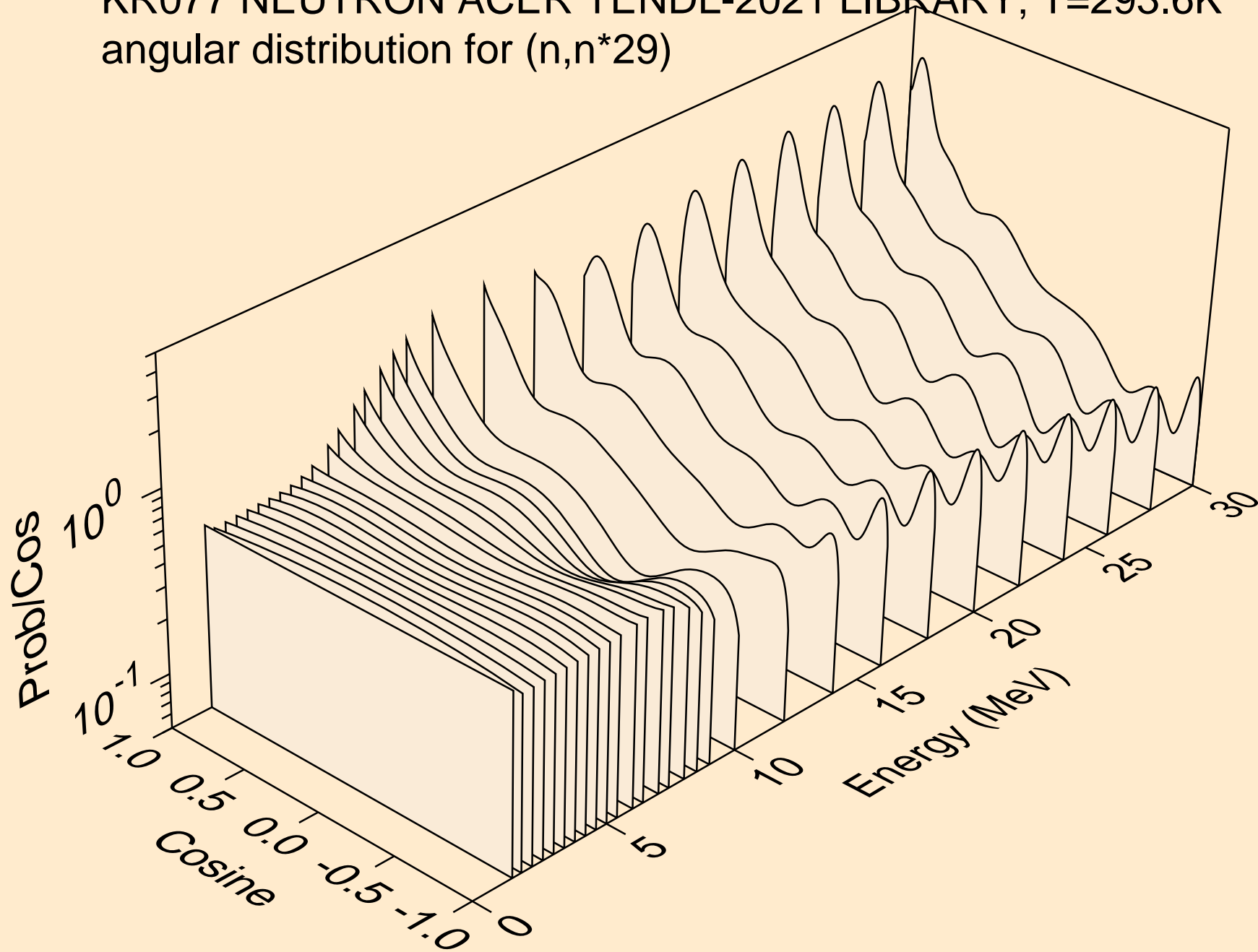




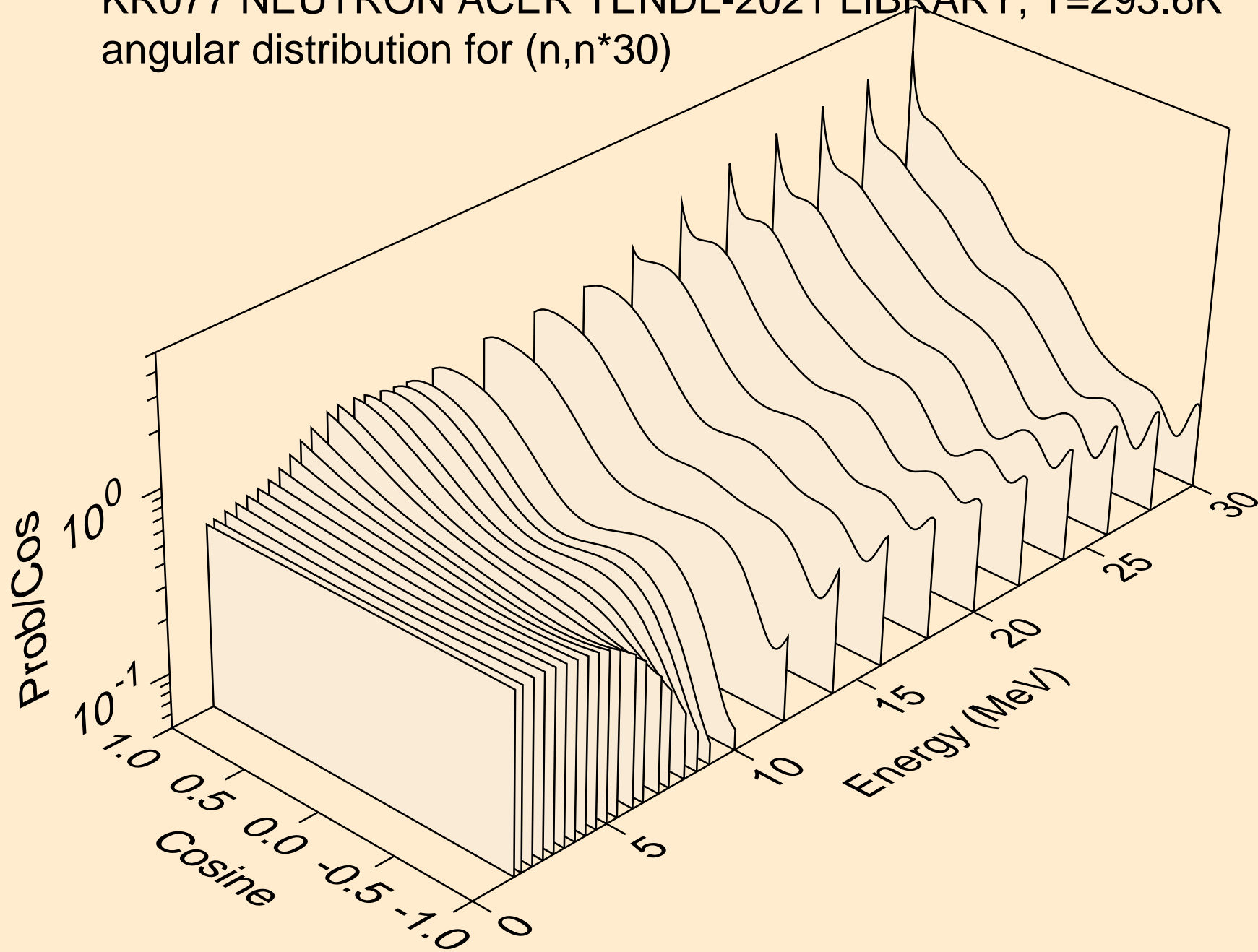
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angular distribution for (n,n\*28)



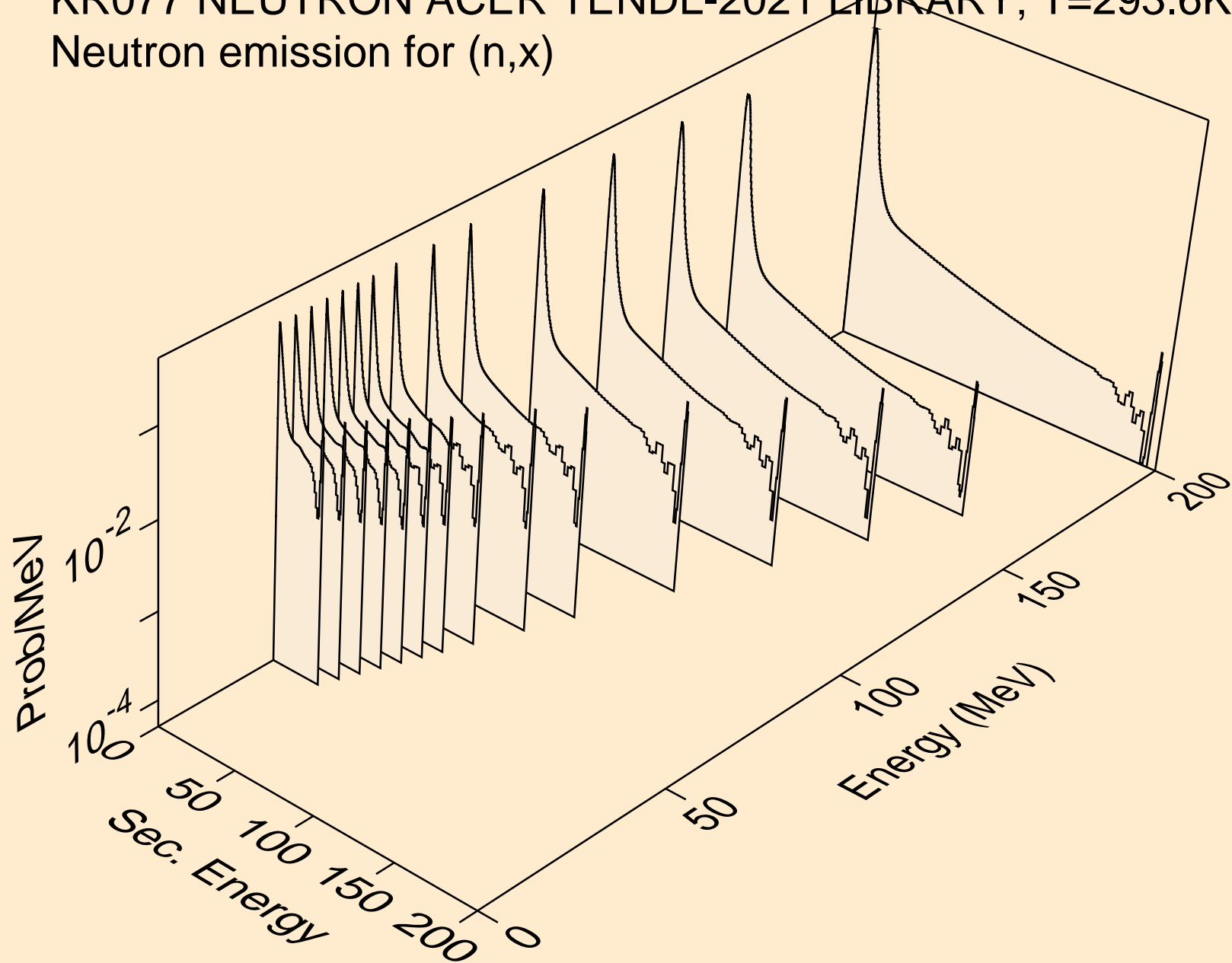
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angular distribution for (n,n\*29)



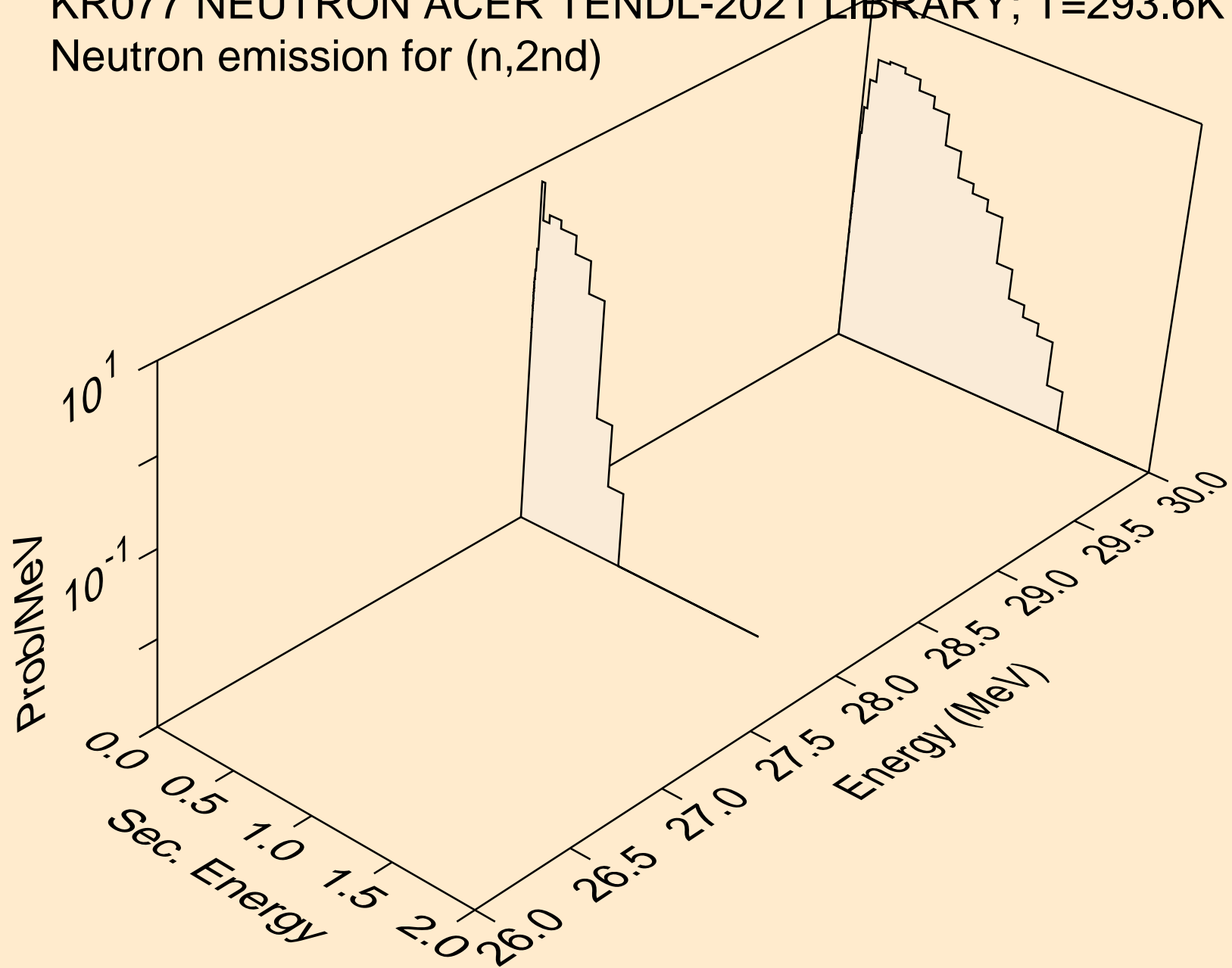
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angular distribution for (n,n\*30)



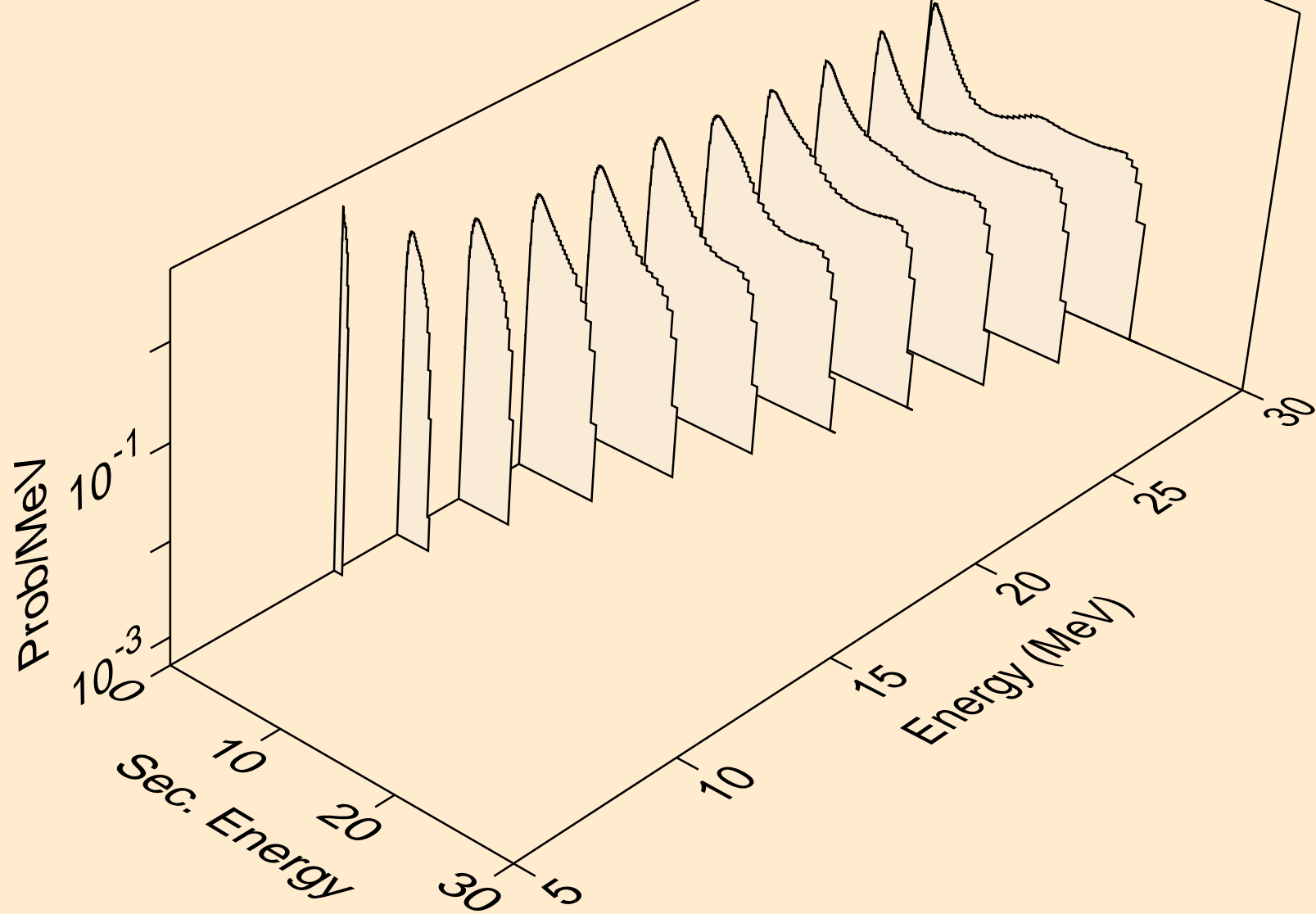
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



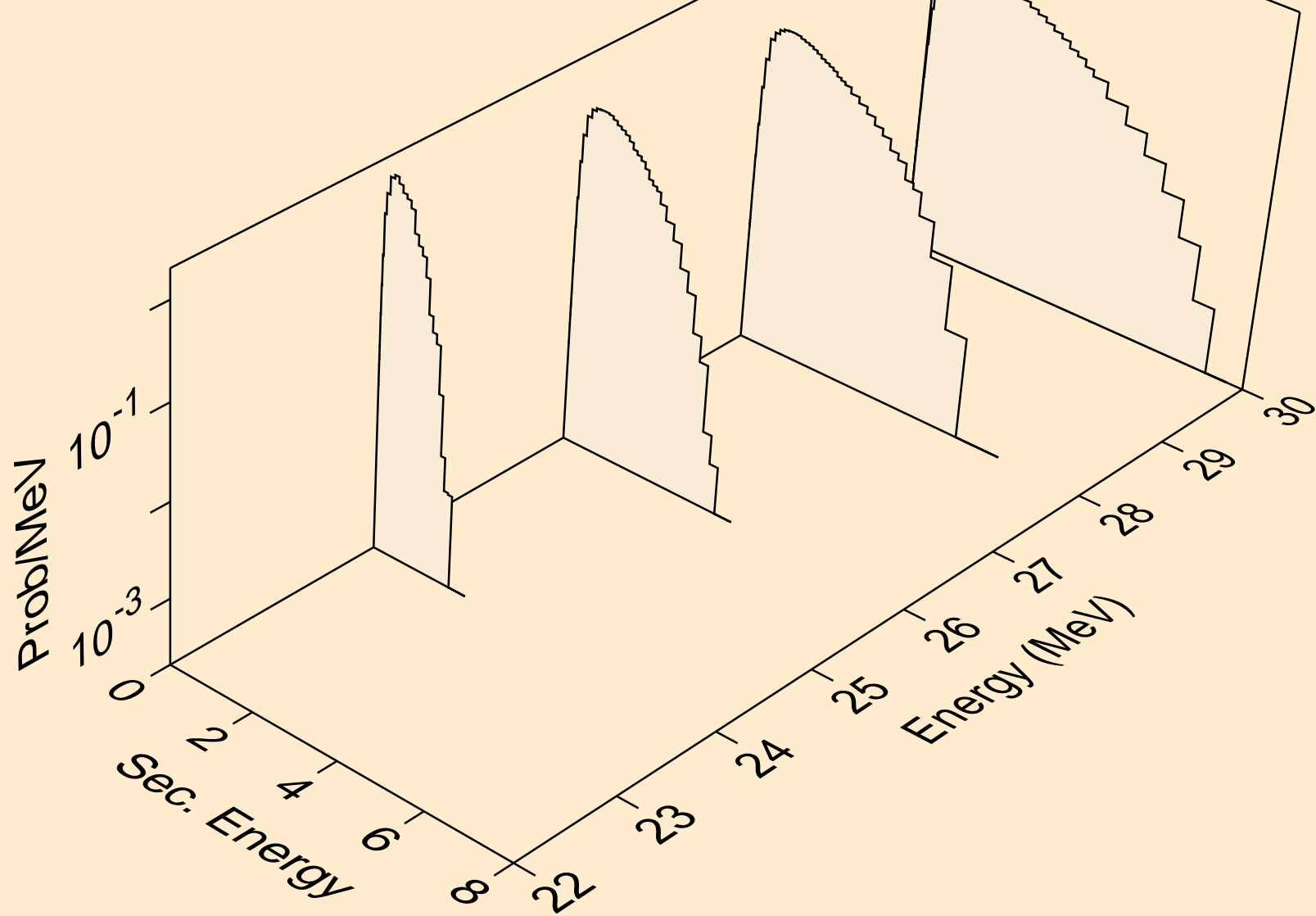
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



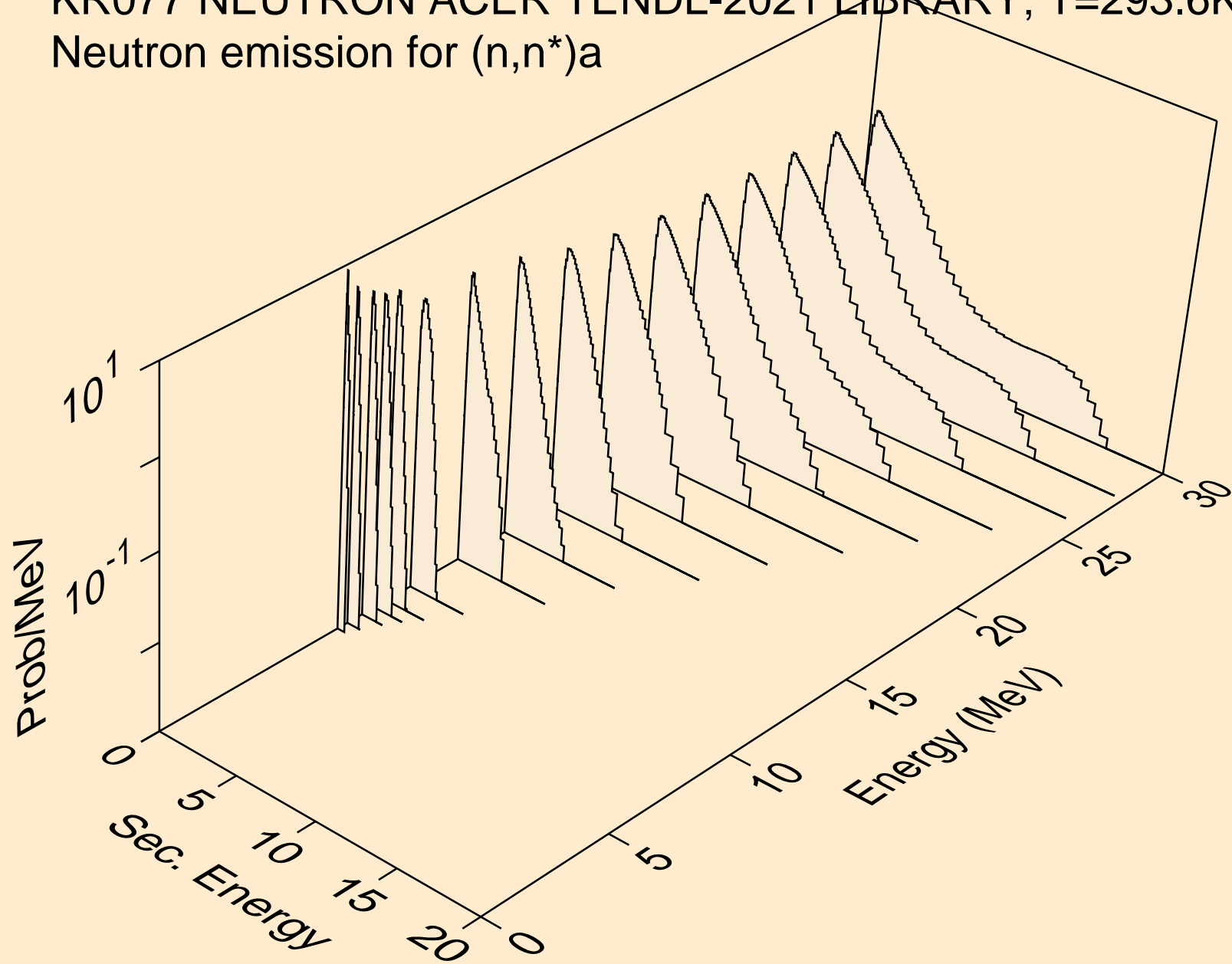
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

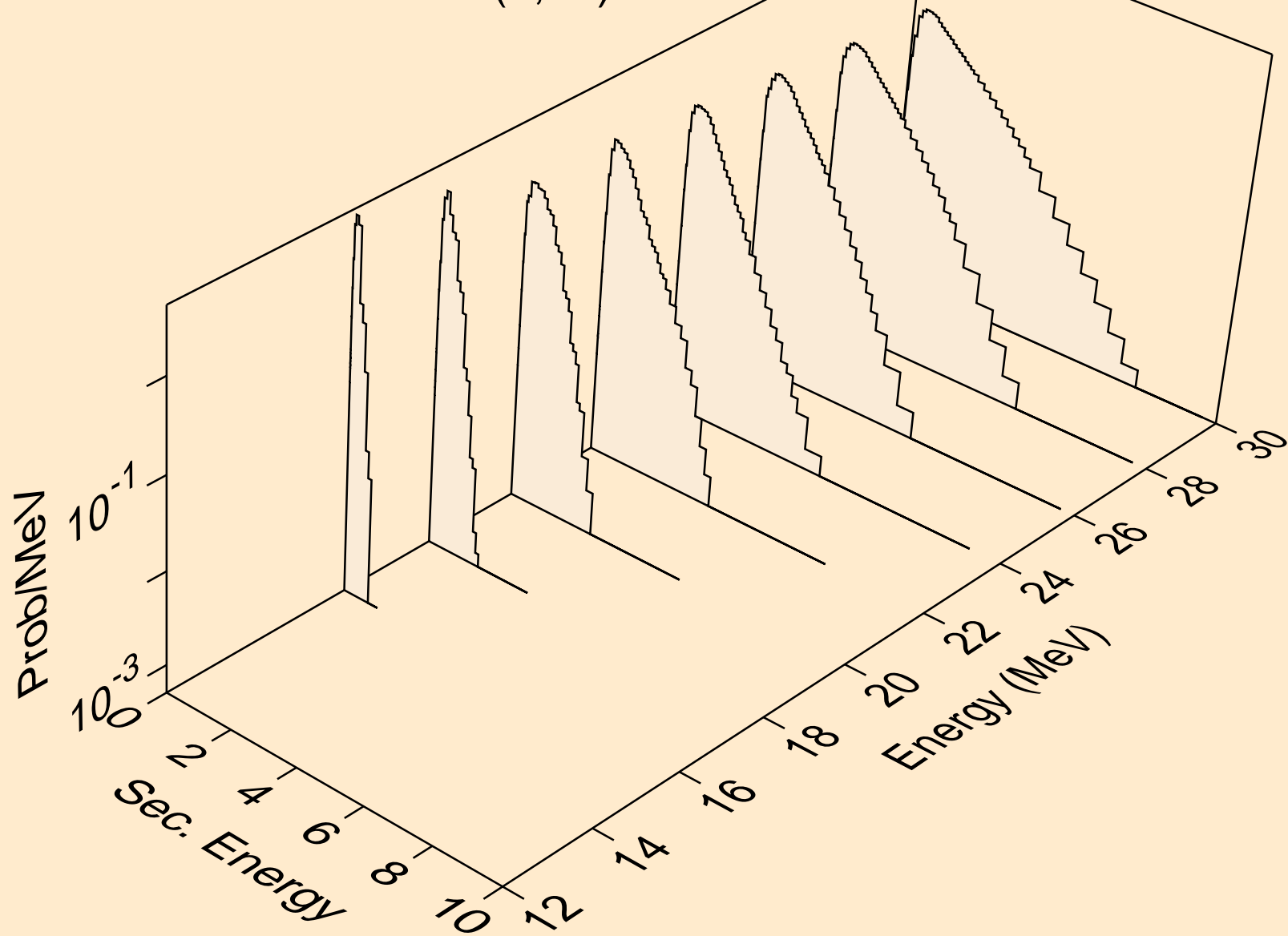


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

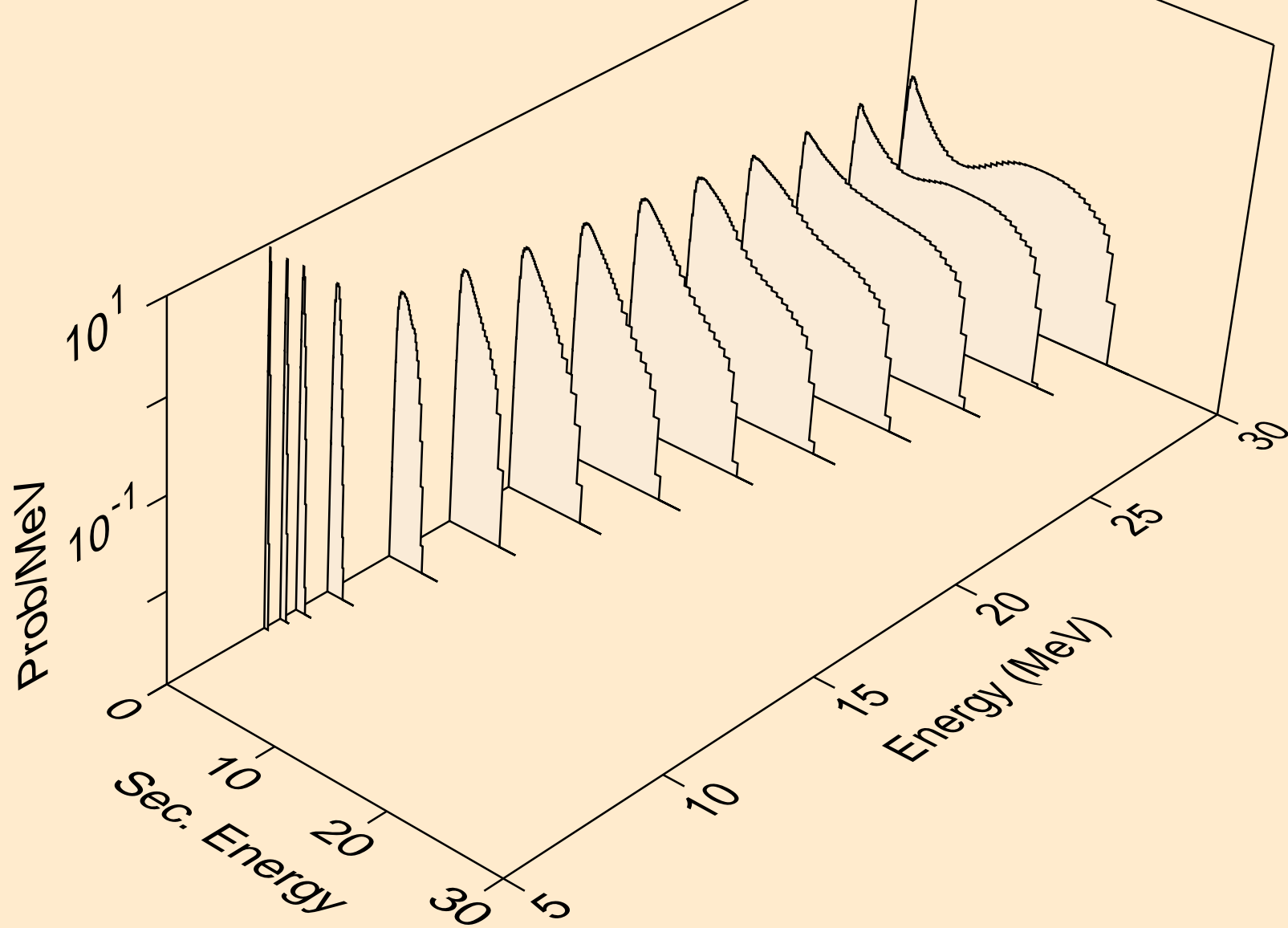




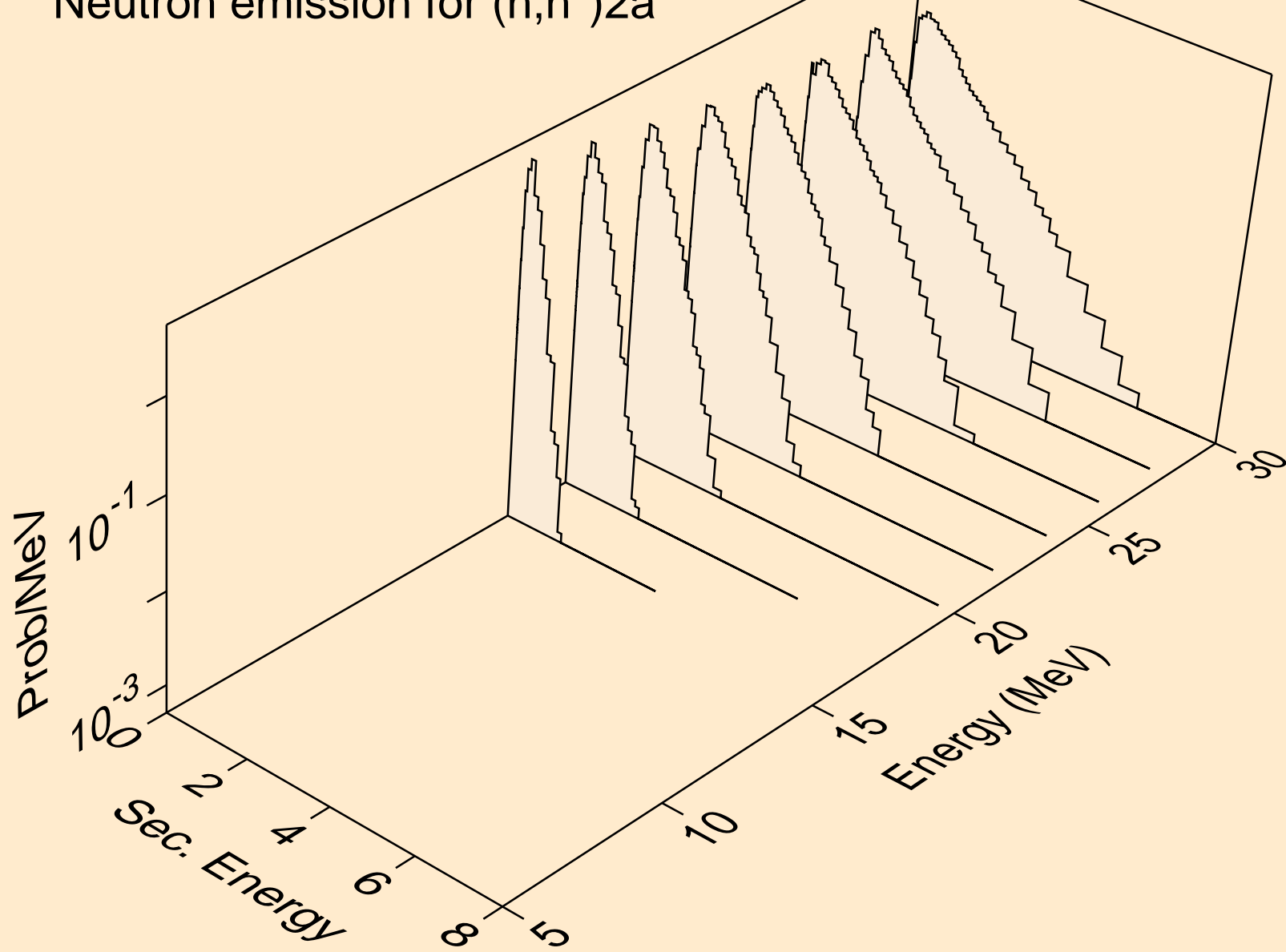
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



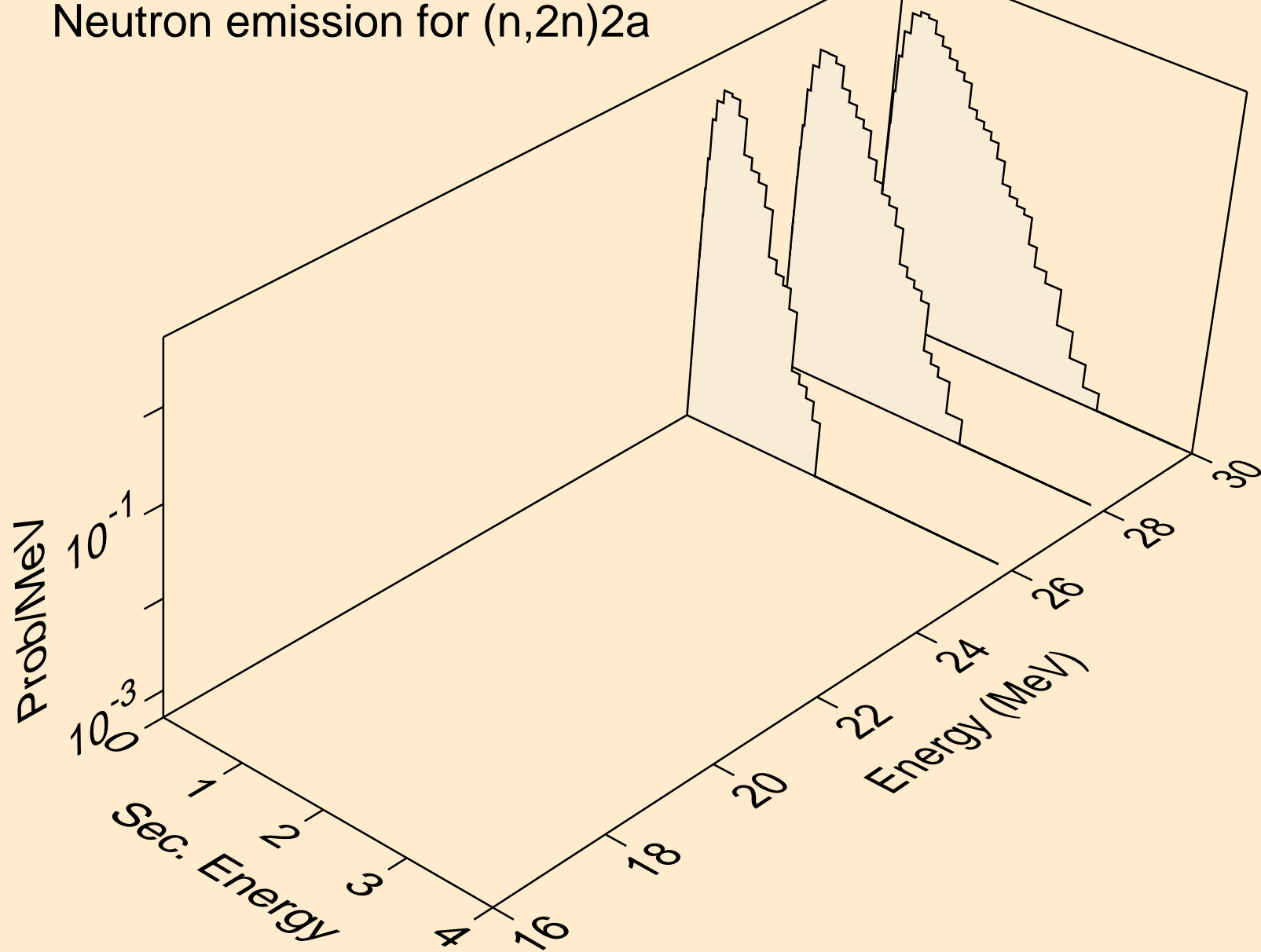
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



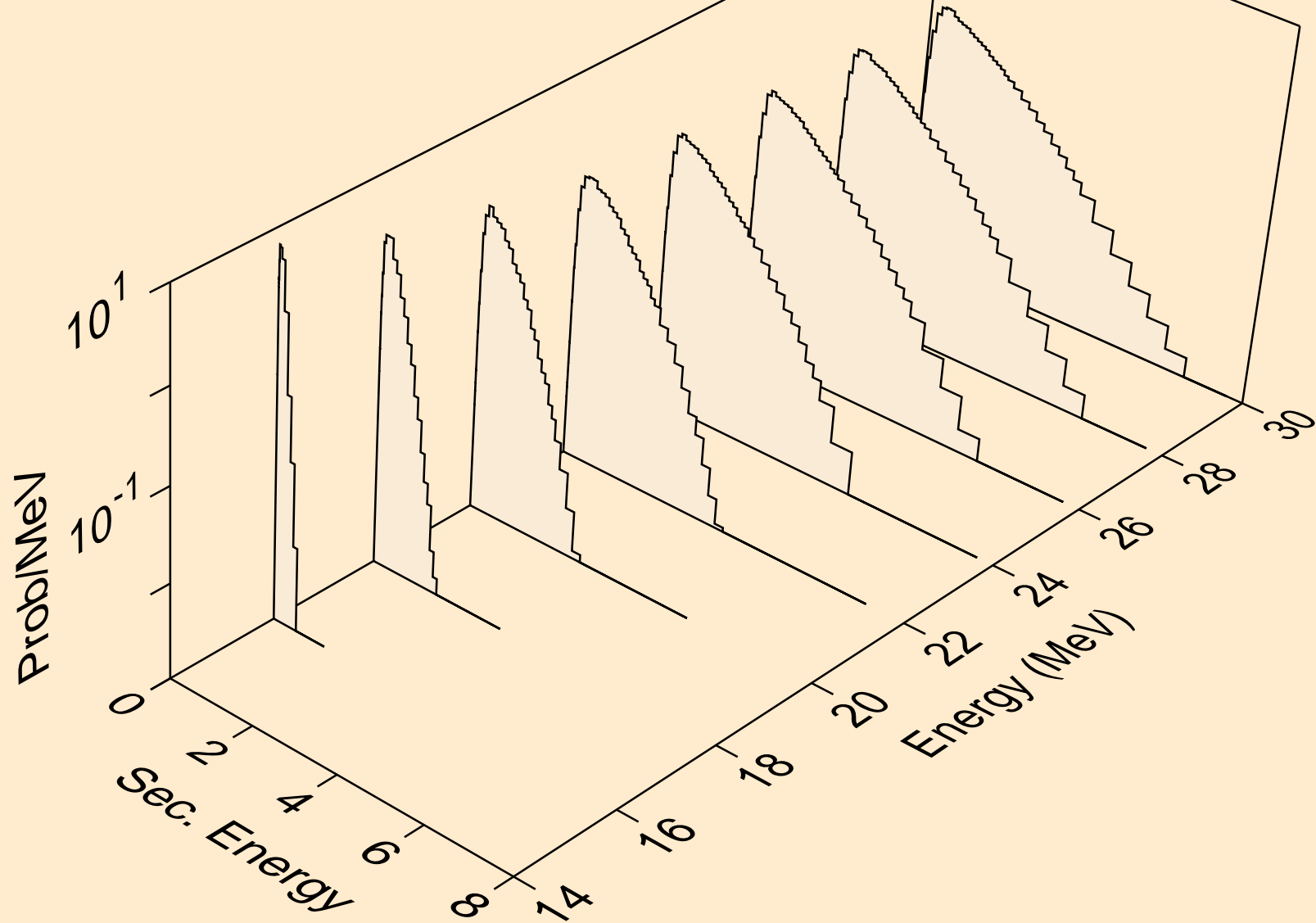
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



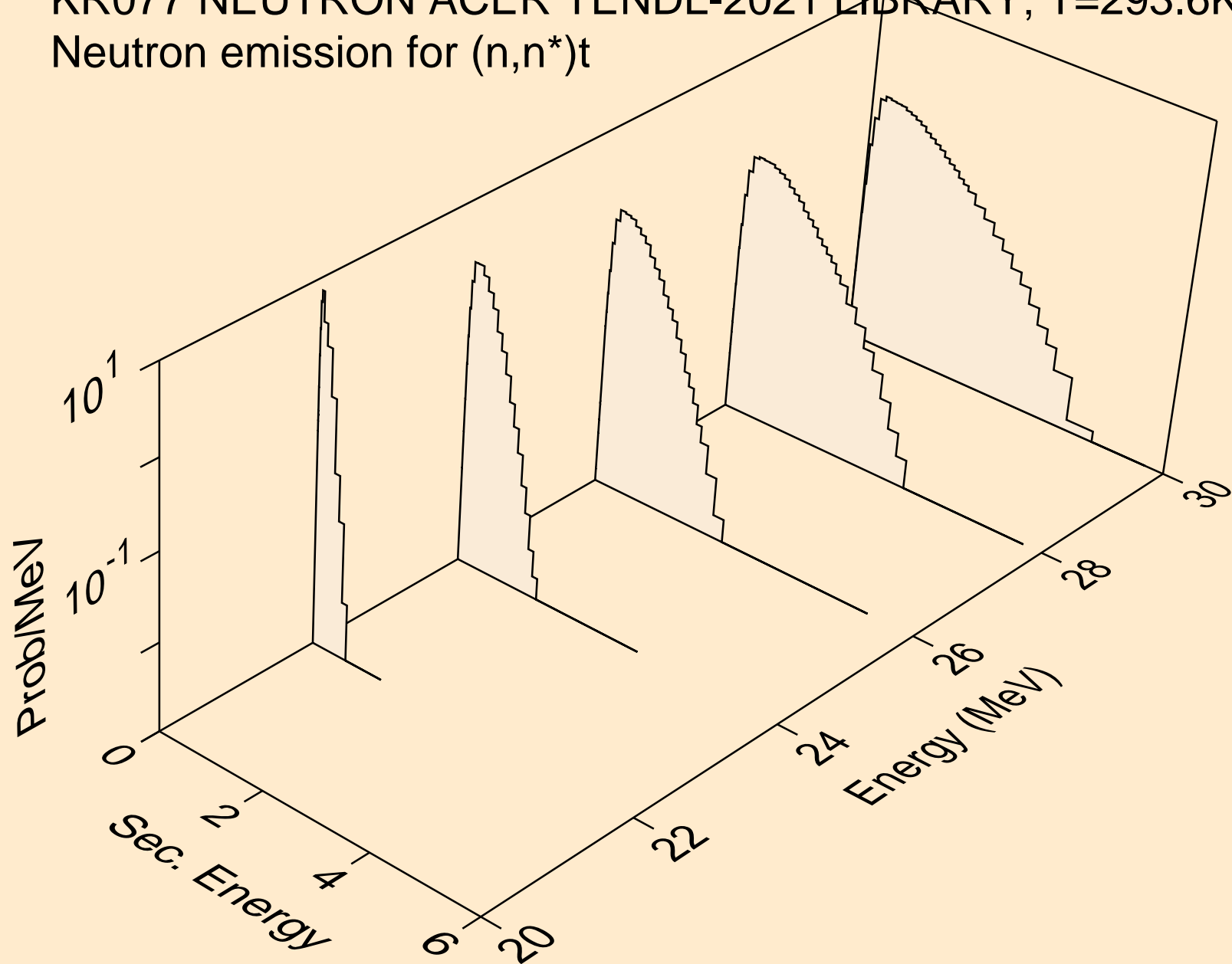
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



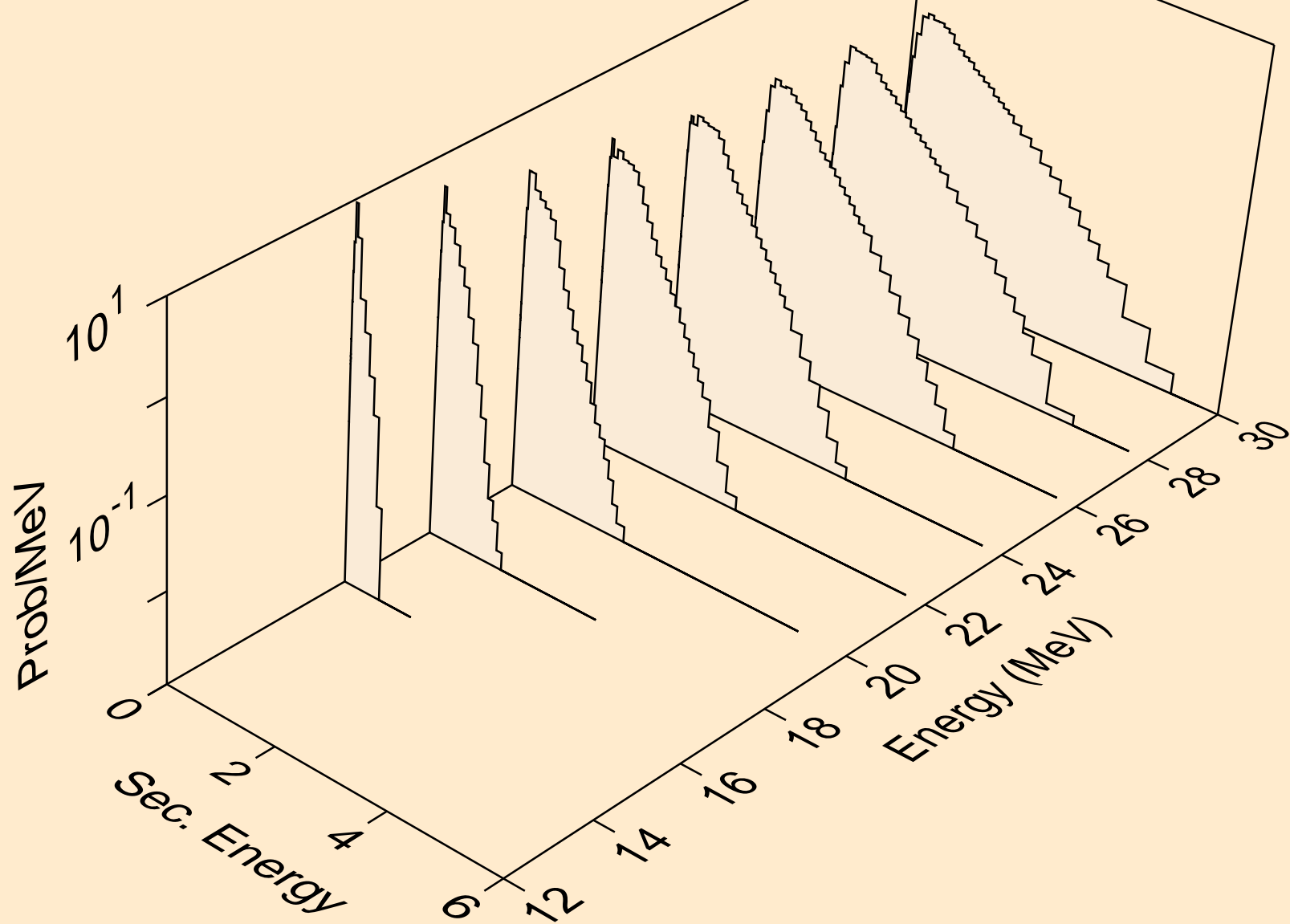
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



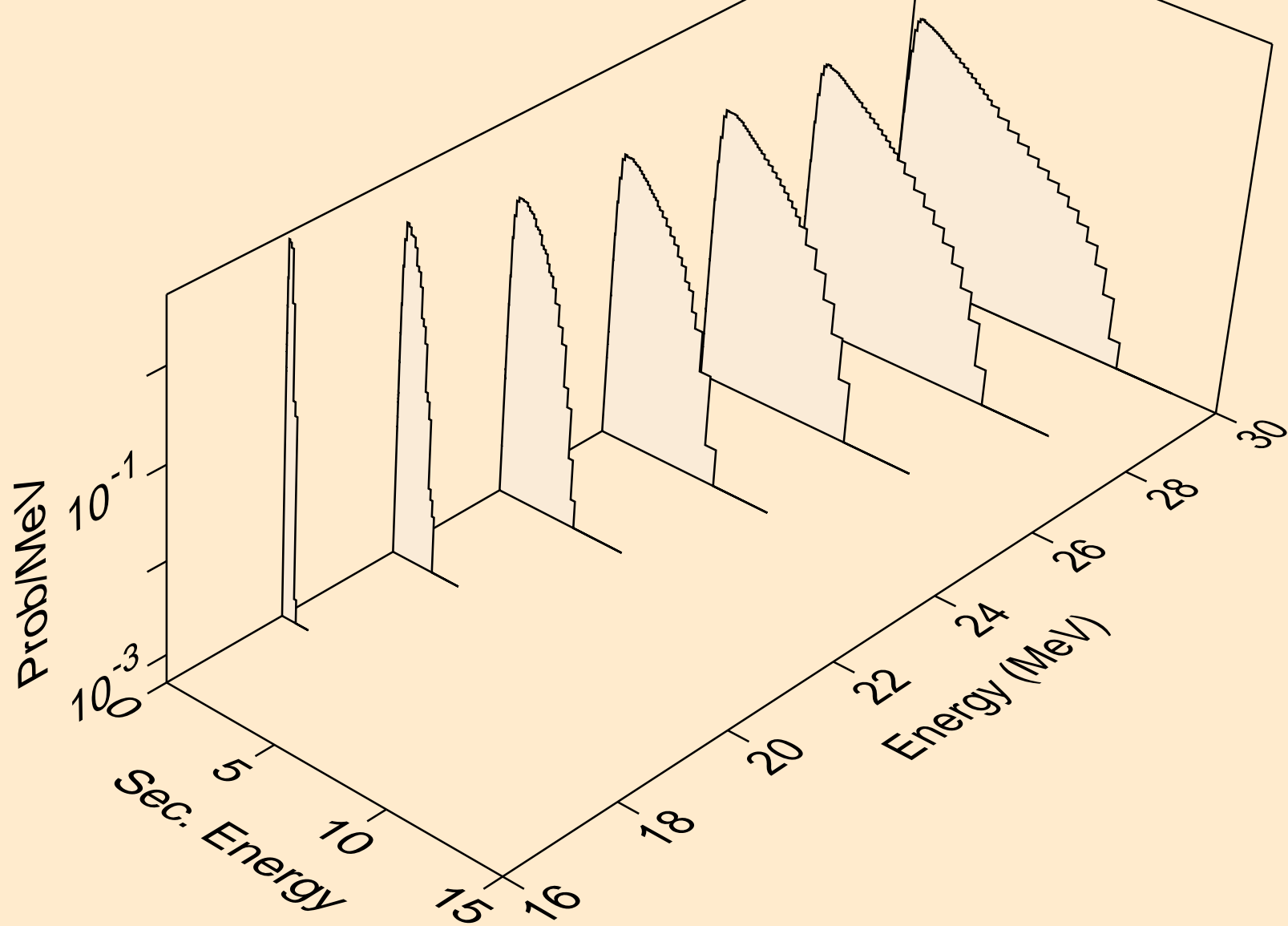
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

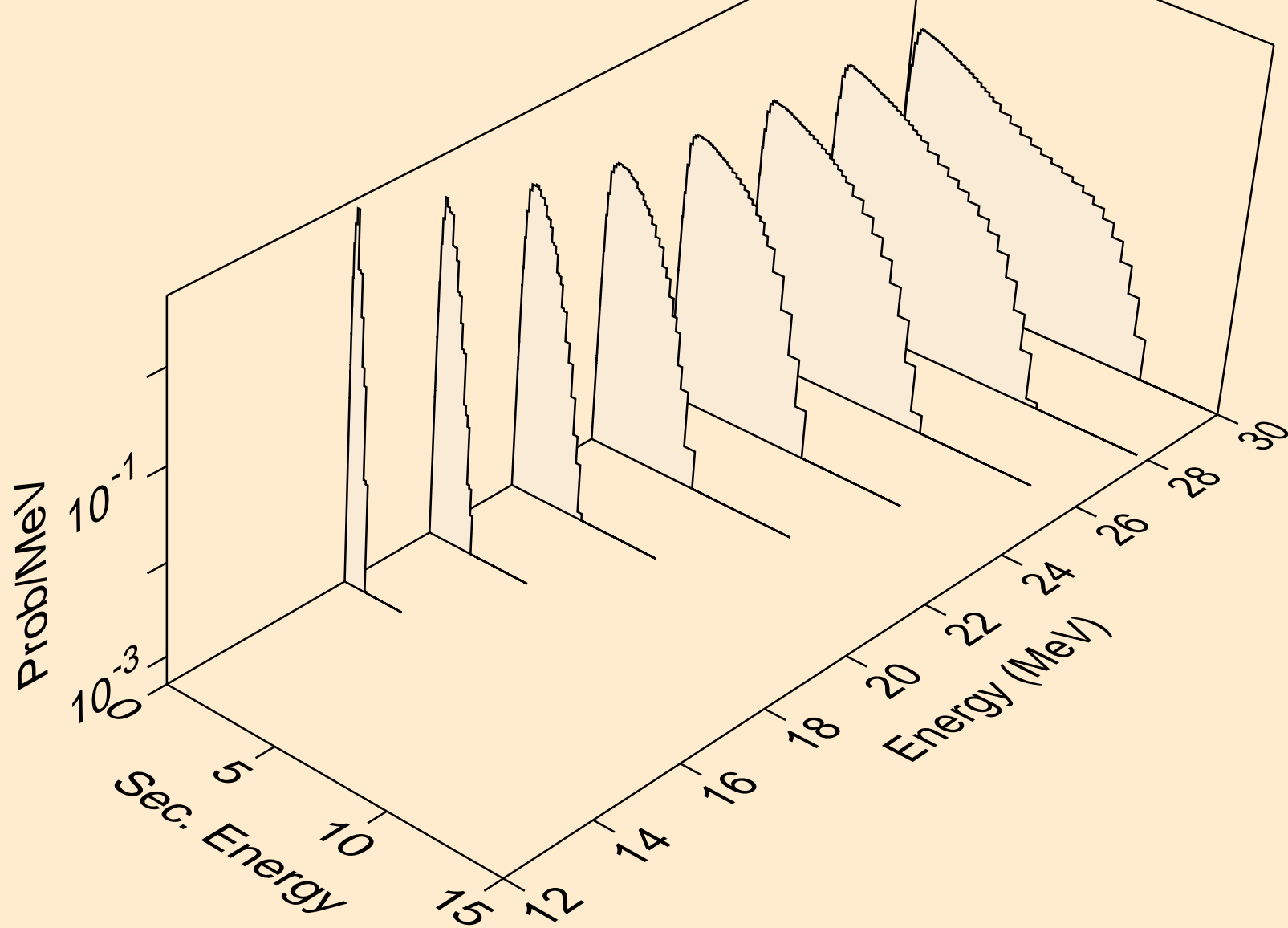


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

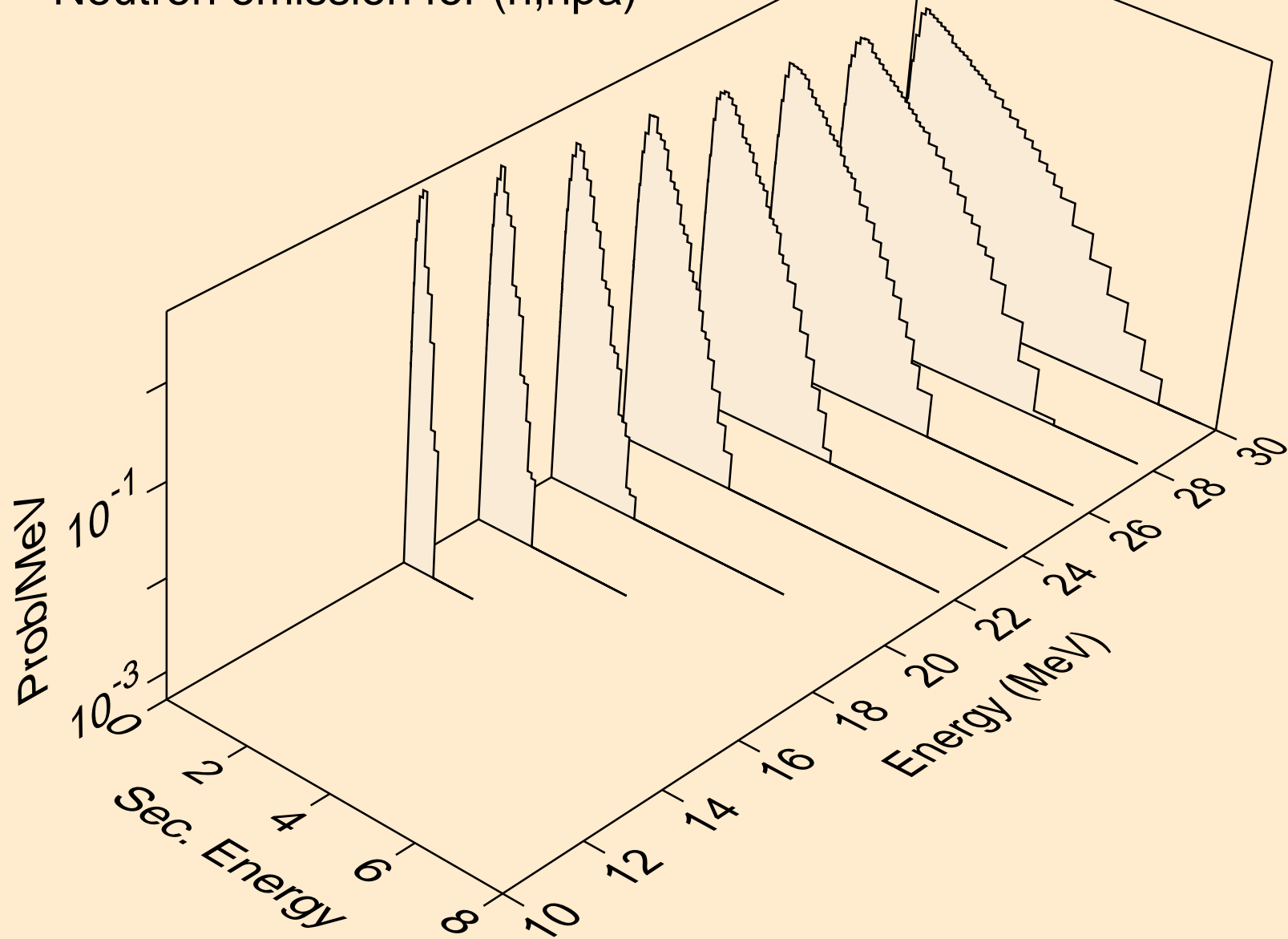




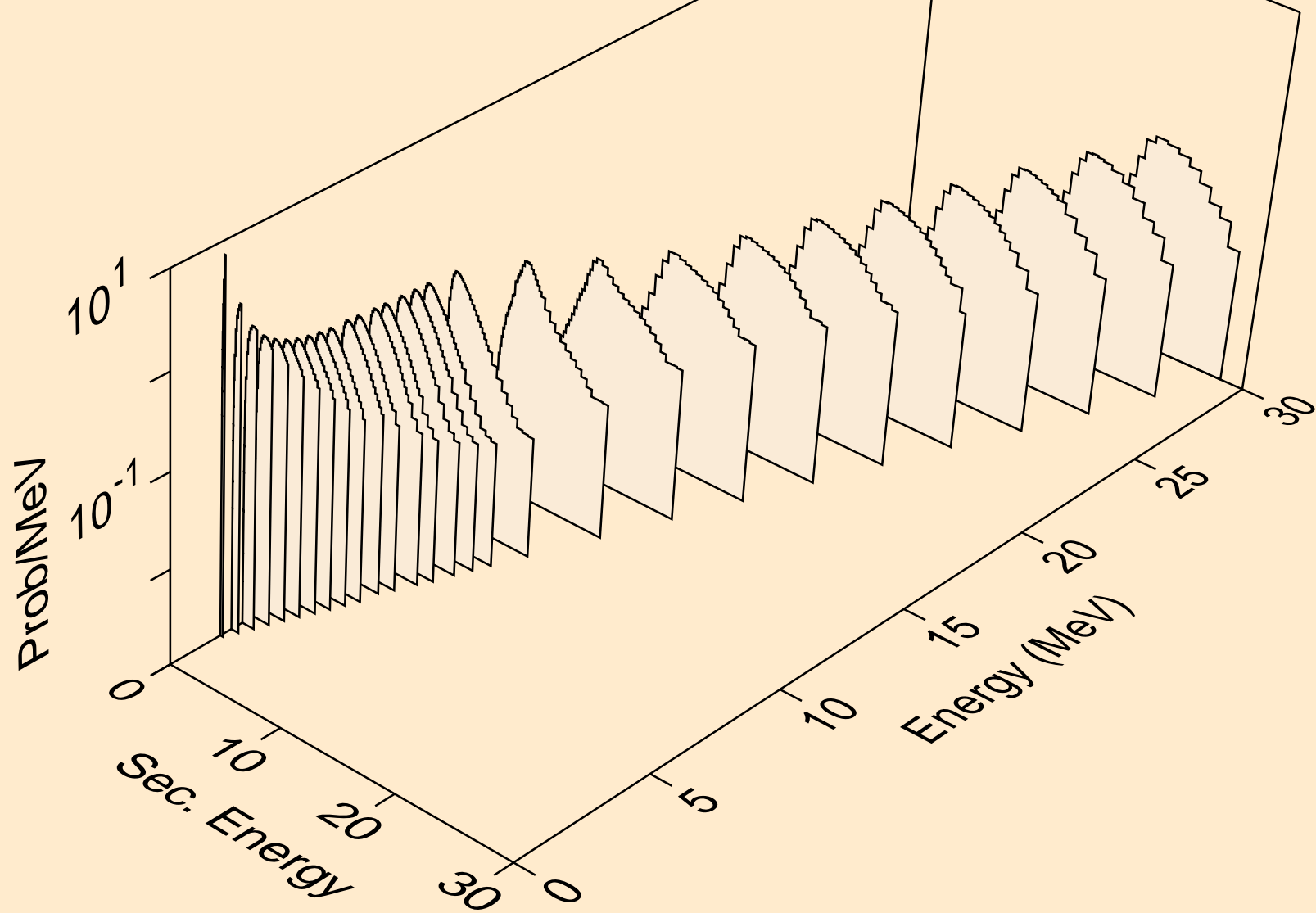
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



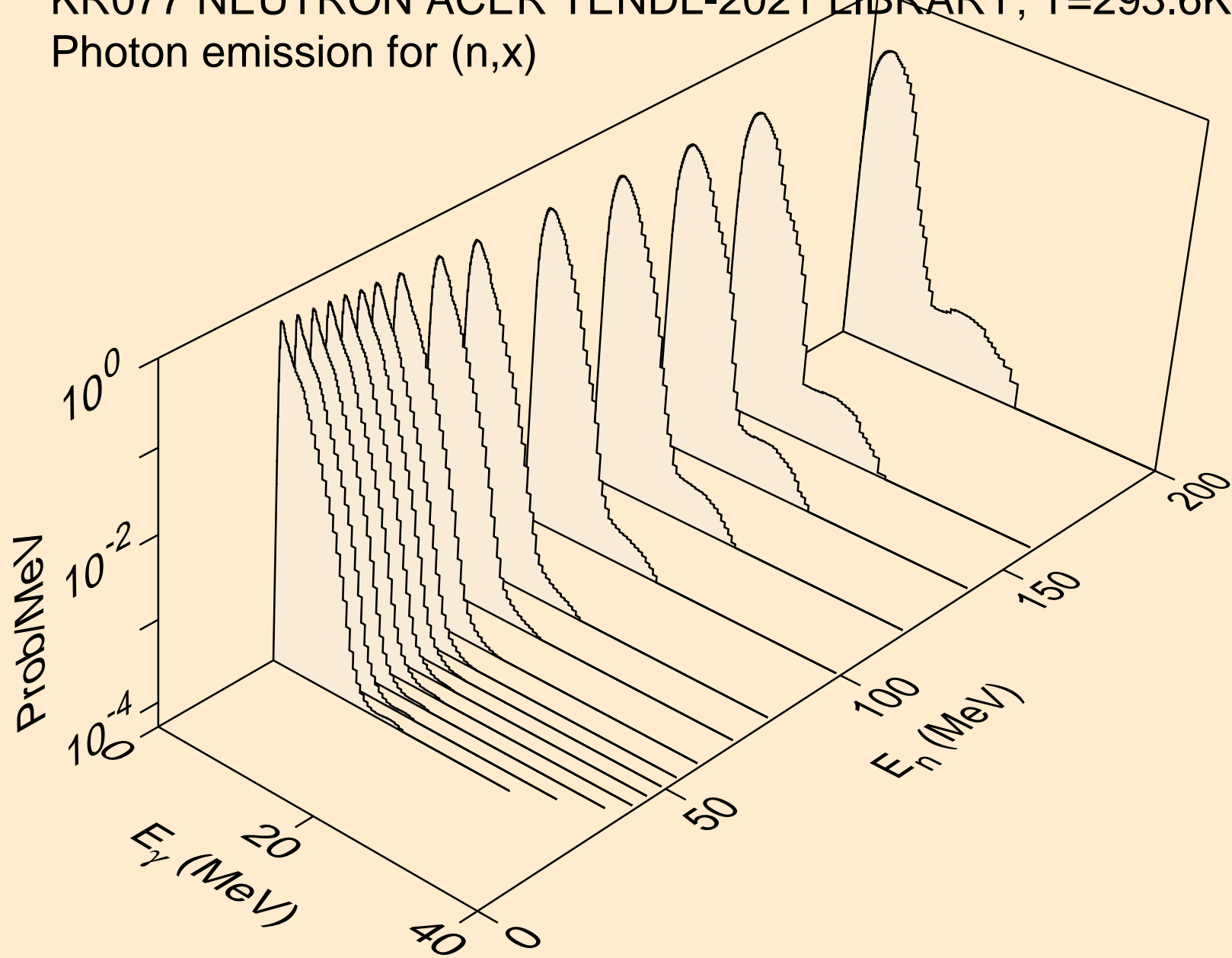
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



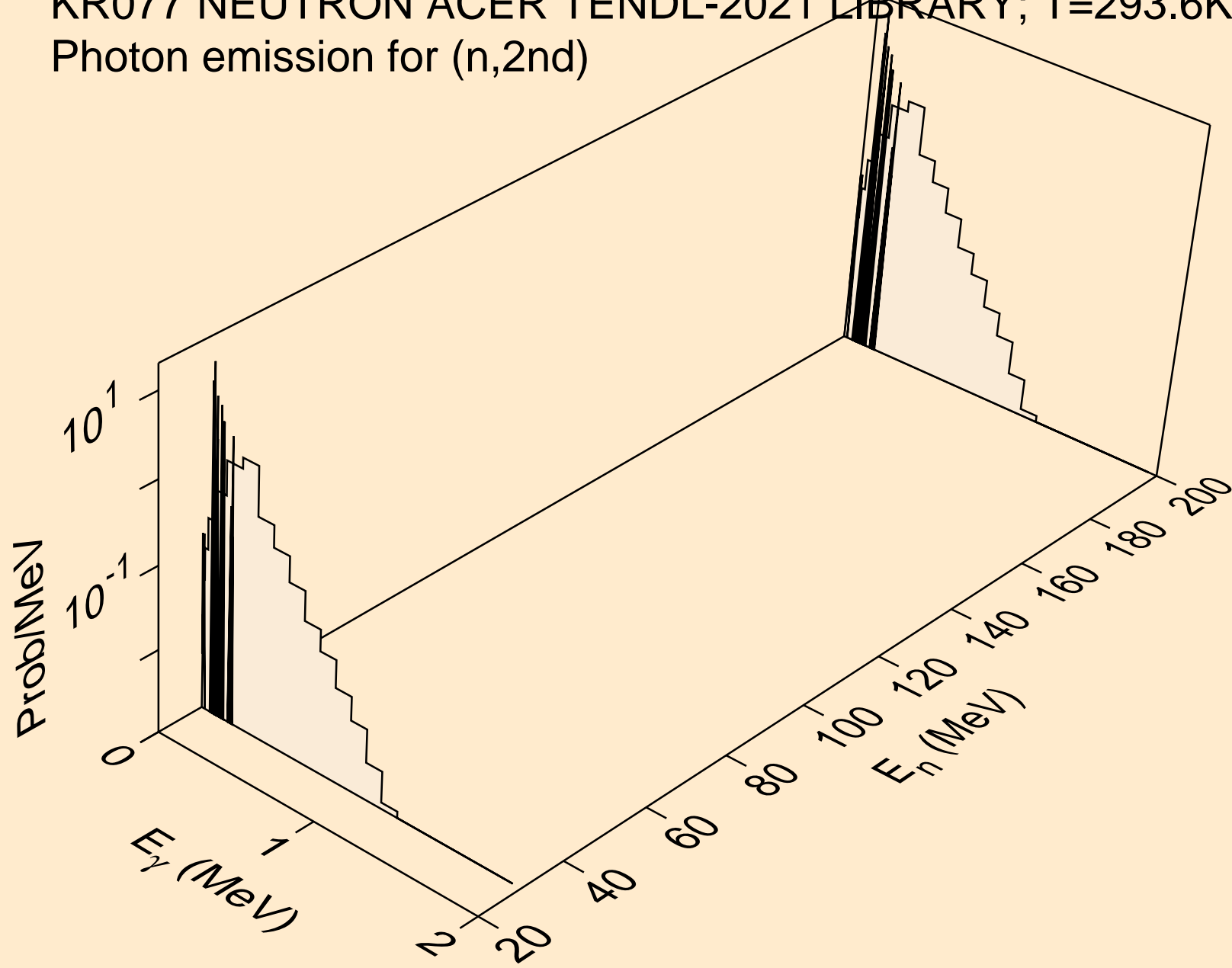
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



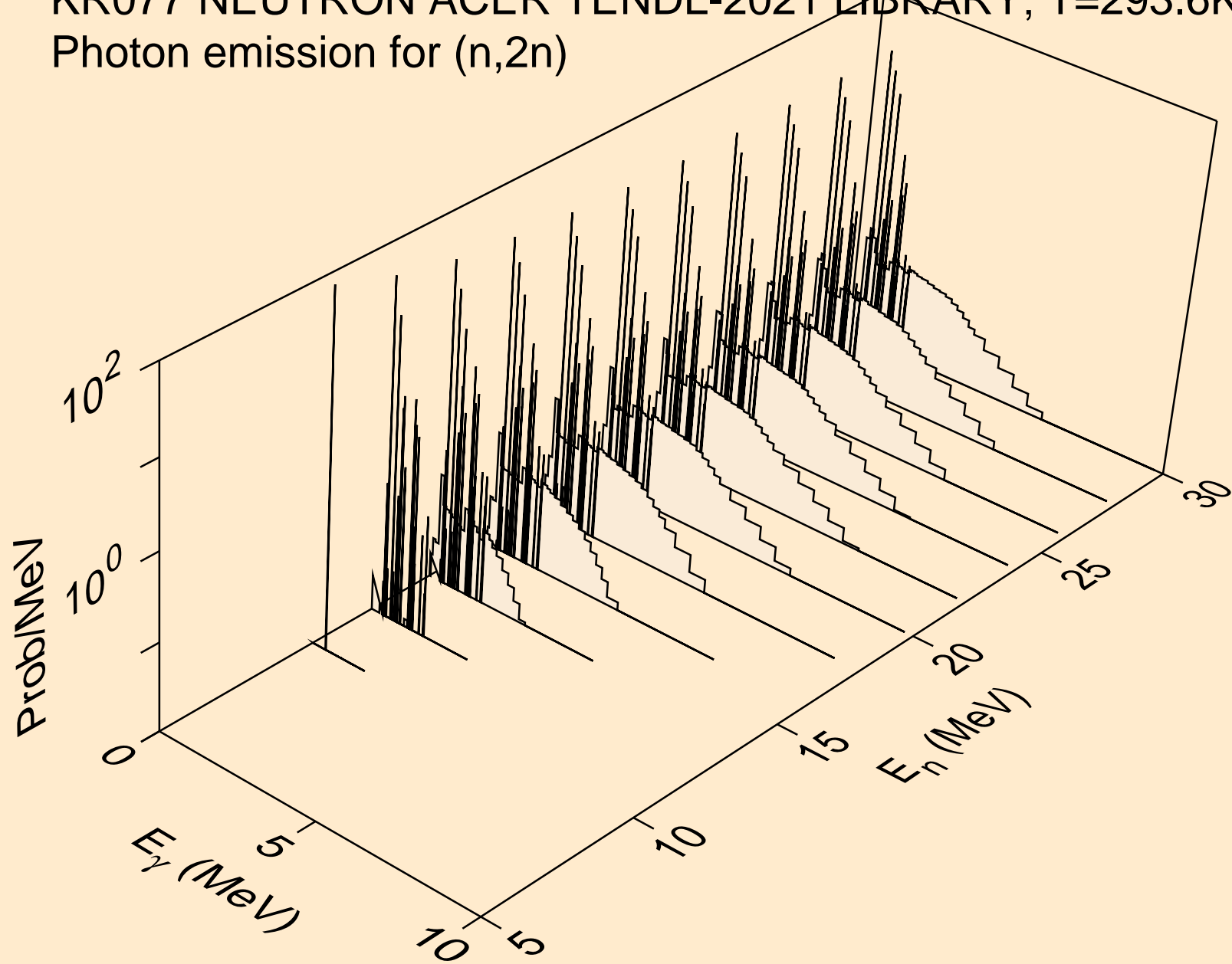
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



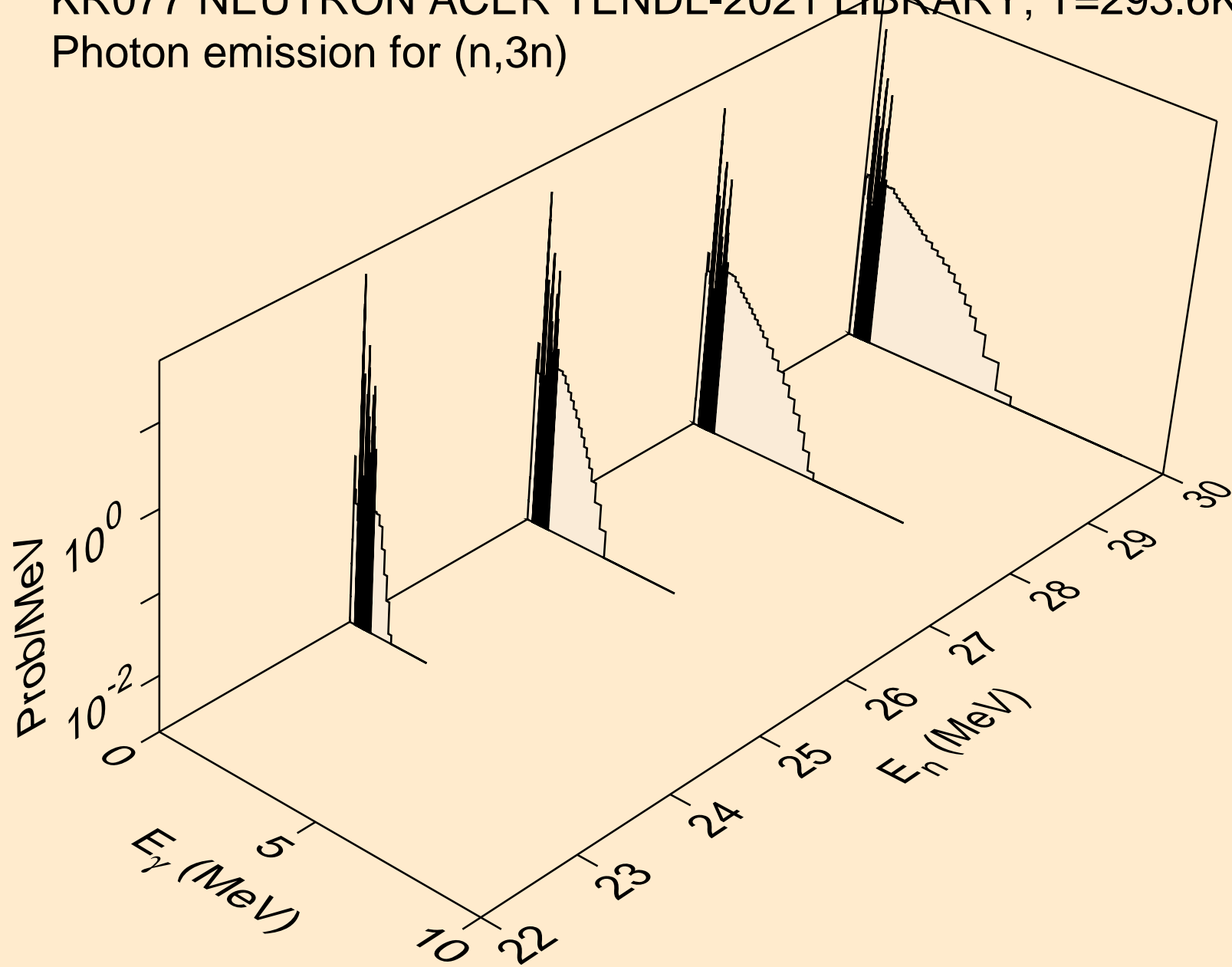
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



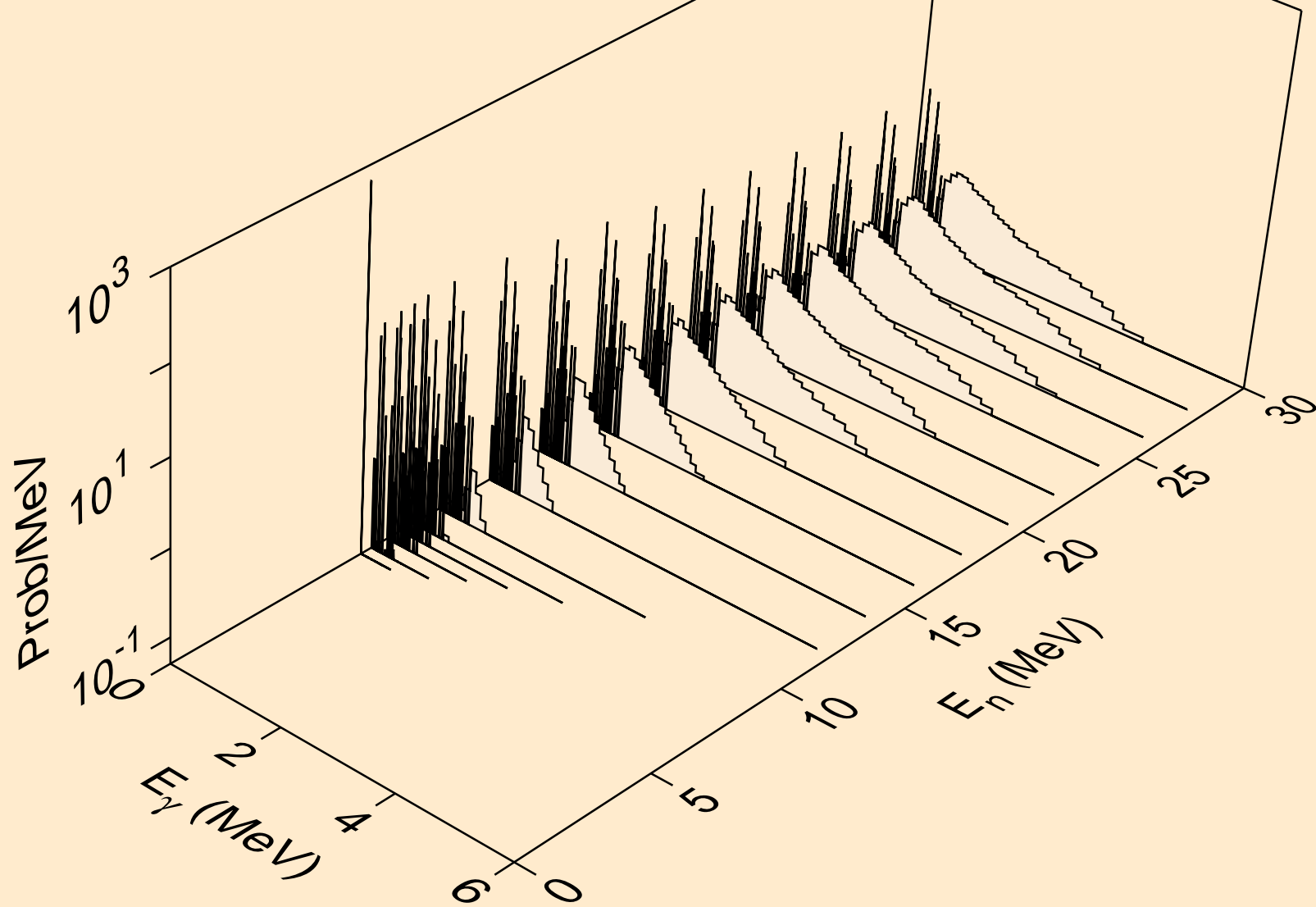
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

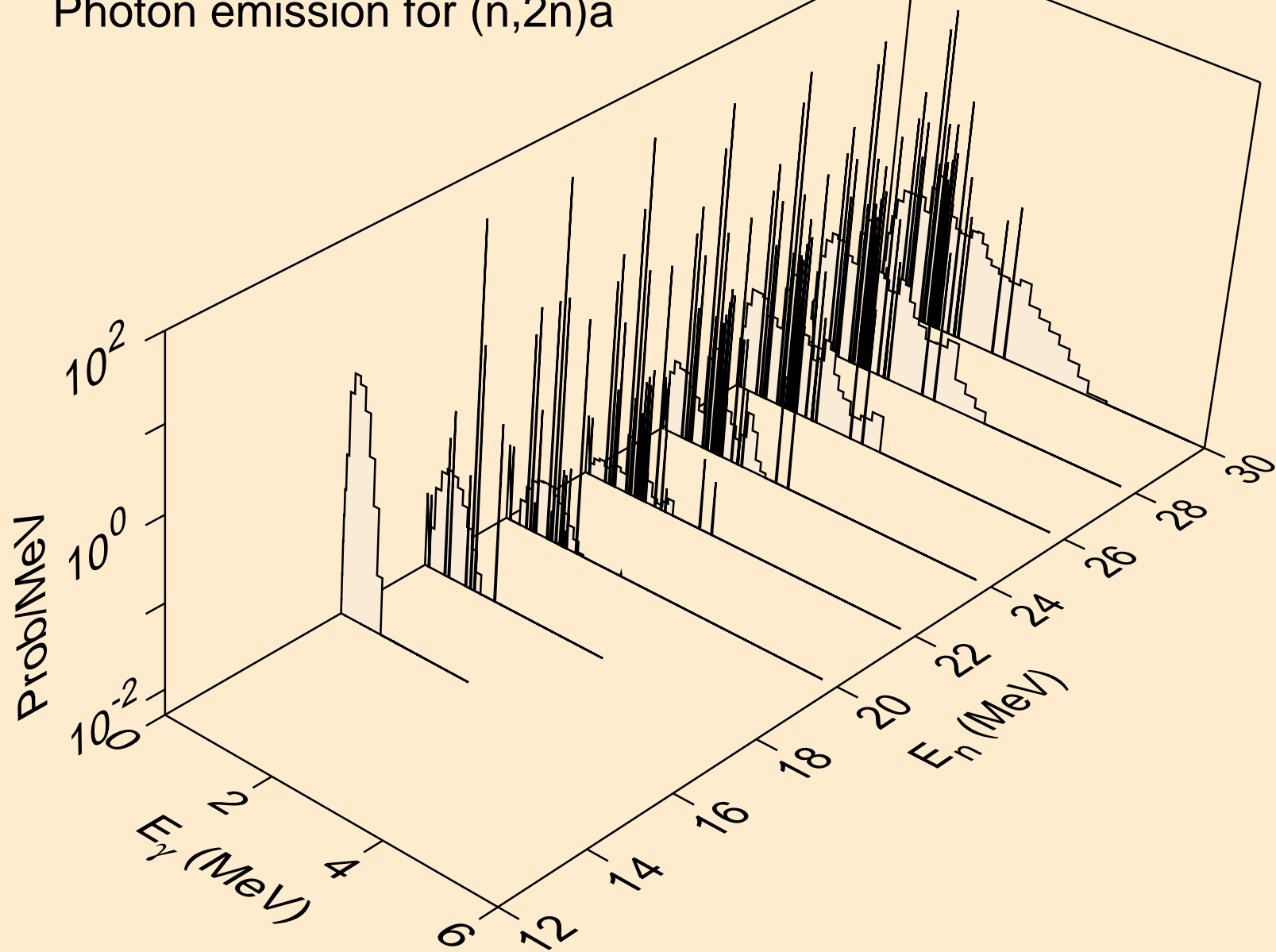


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

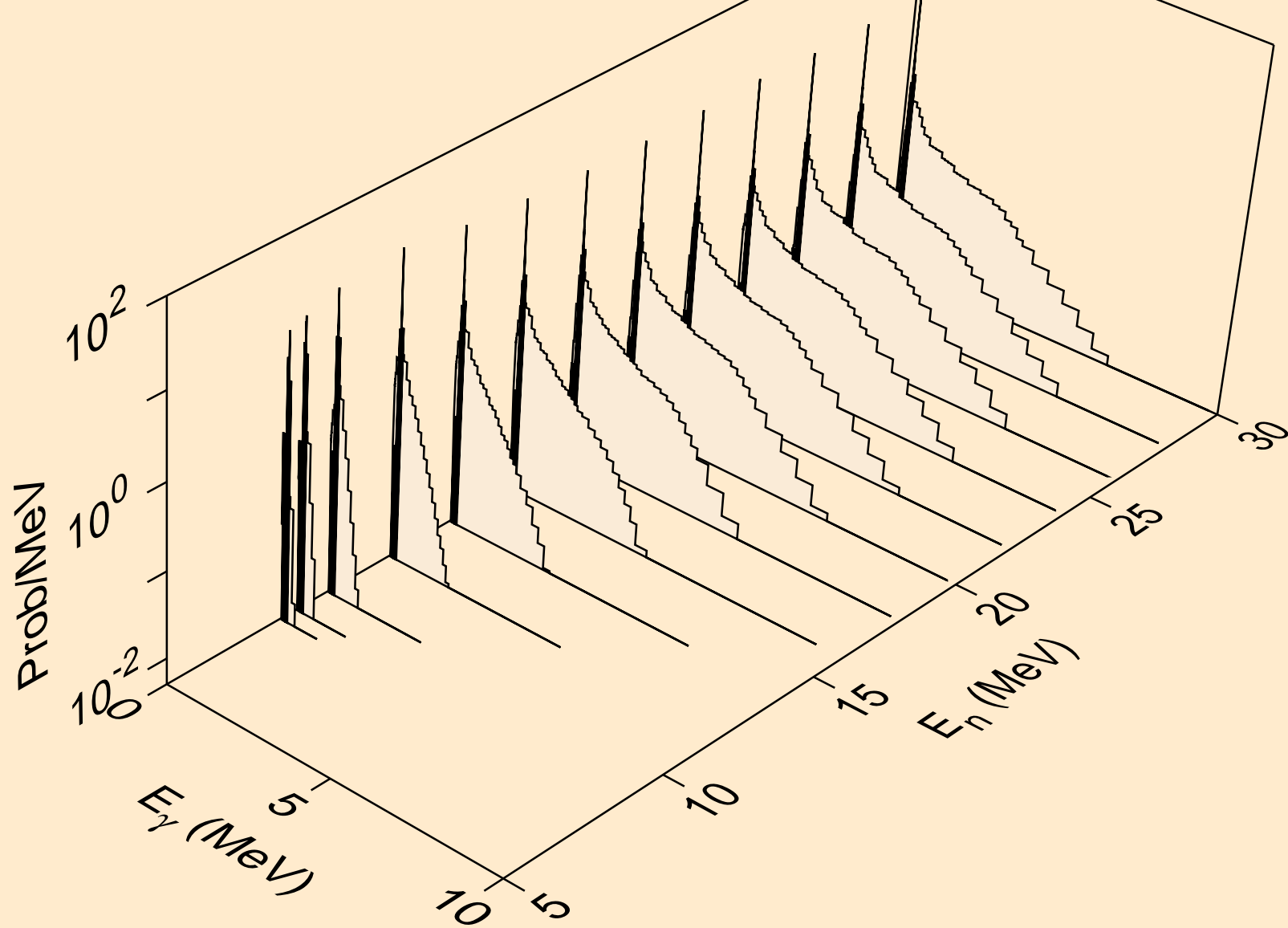




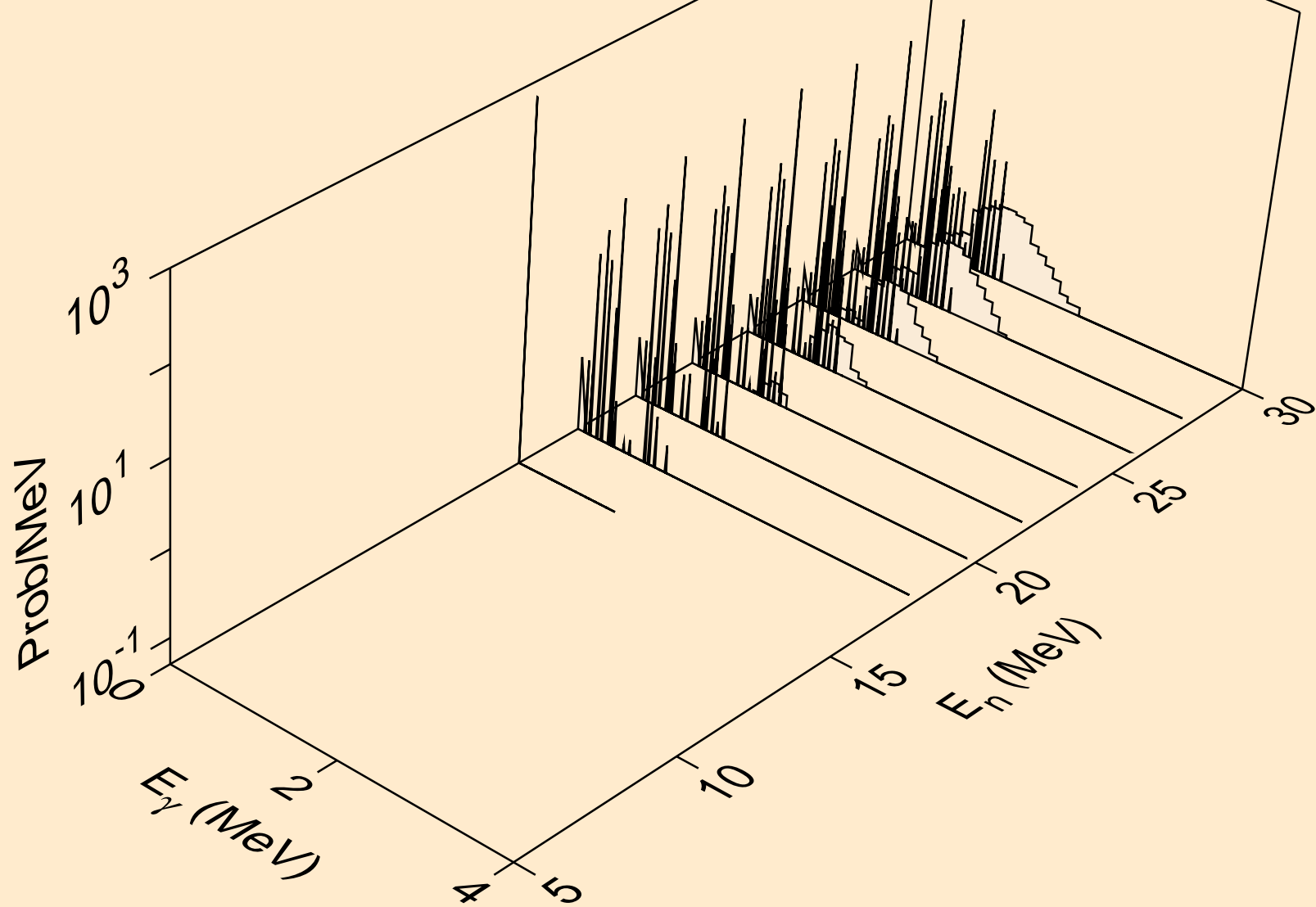
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



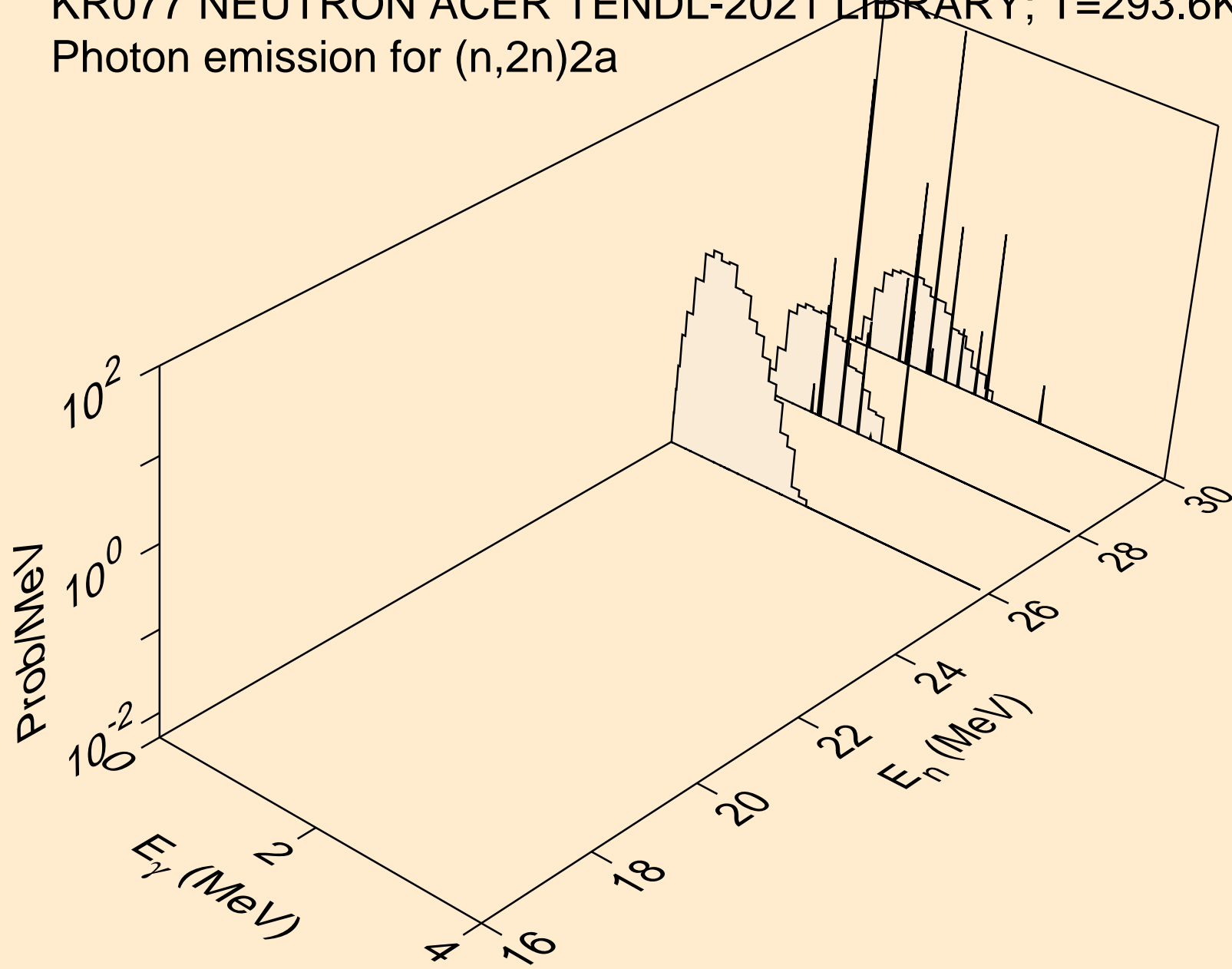
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



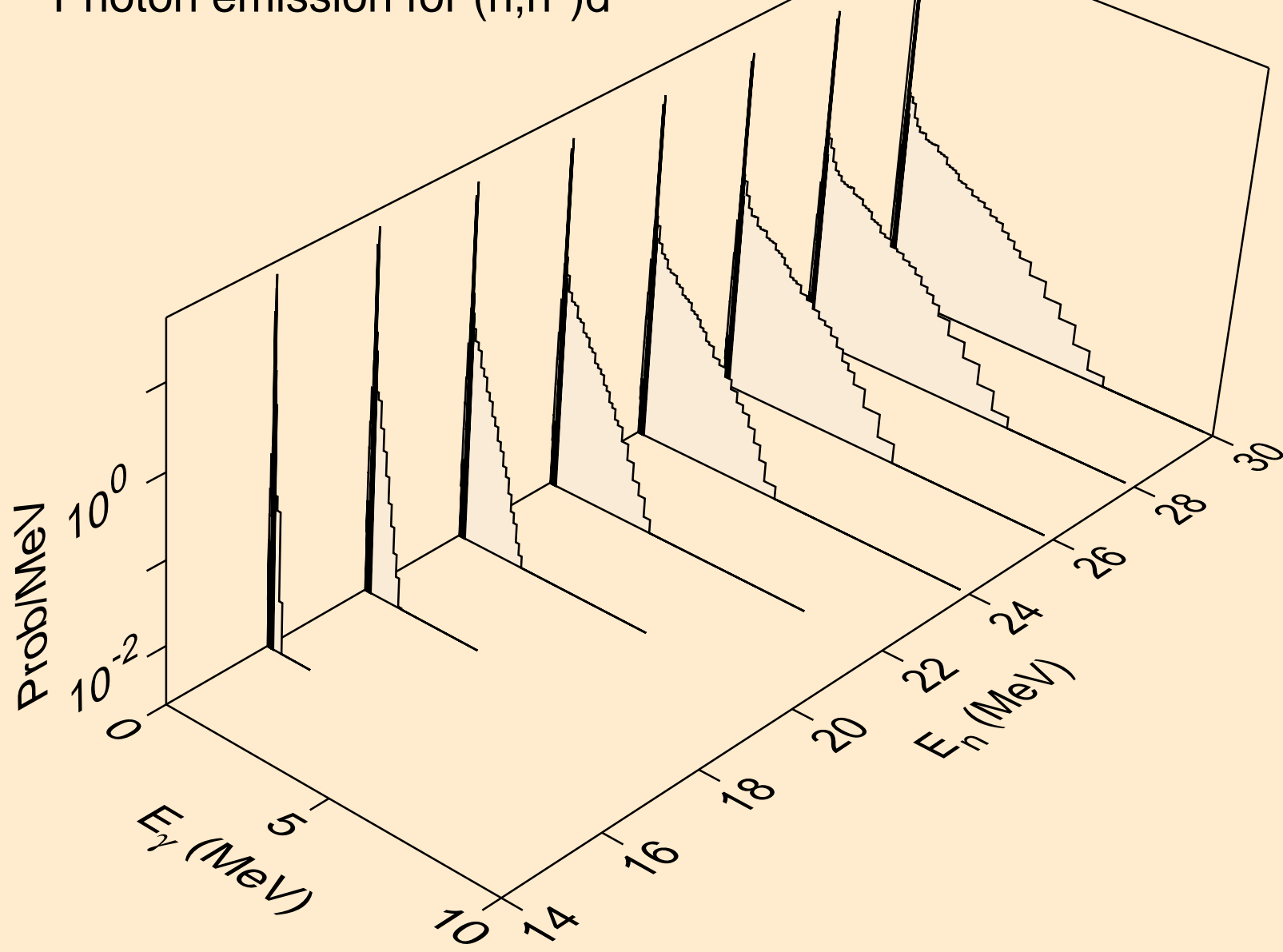
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Photon emission for (n,n\*)2a



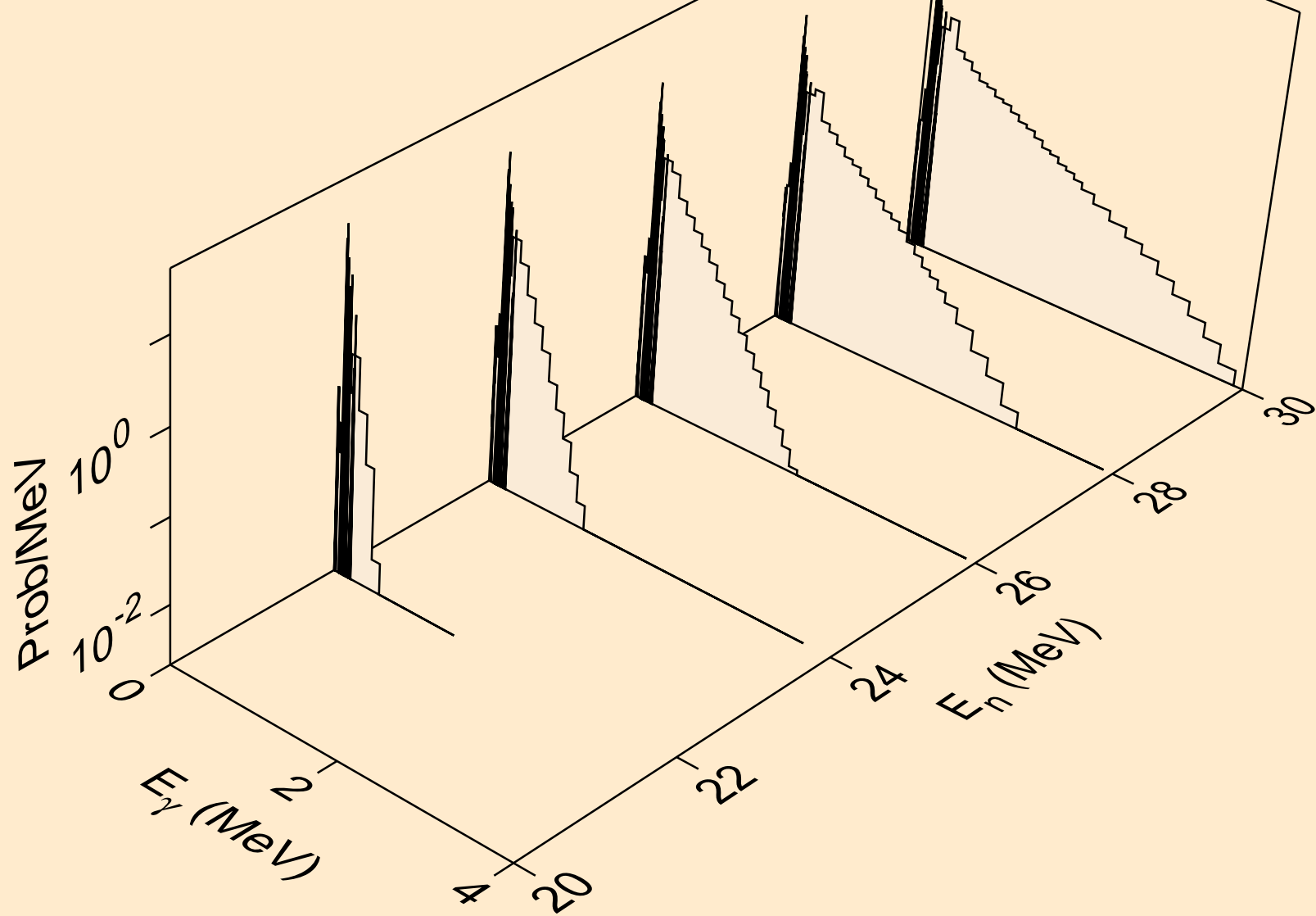
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Photon emission for (n,2n)2a



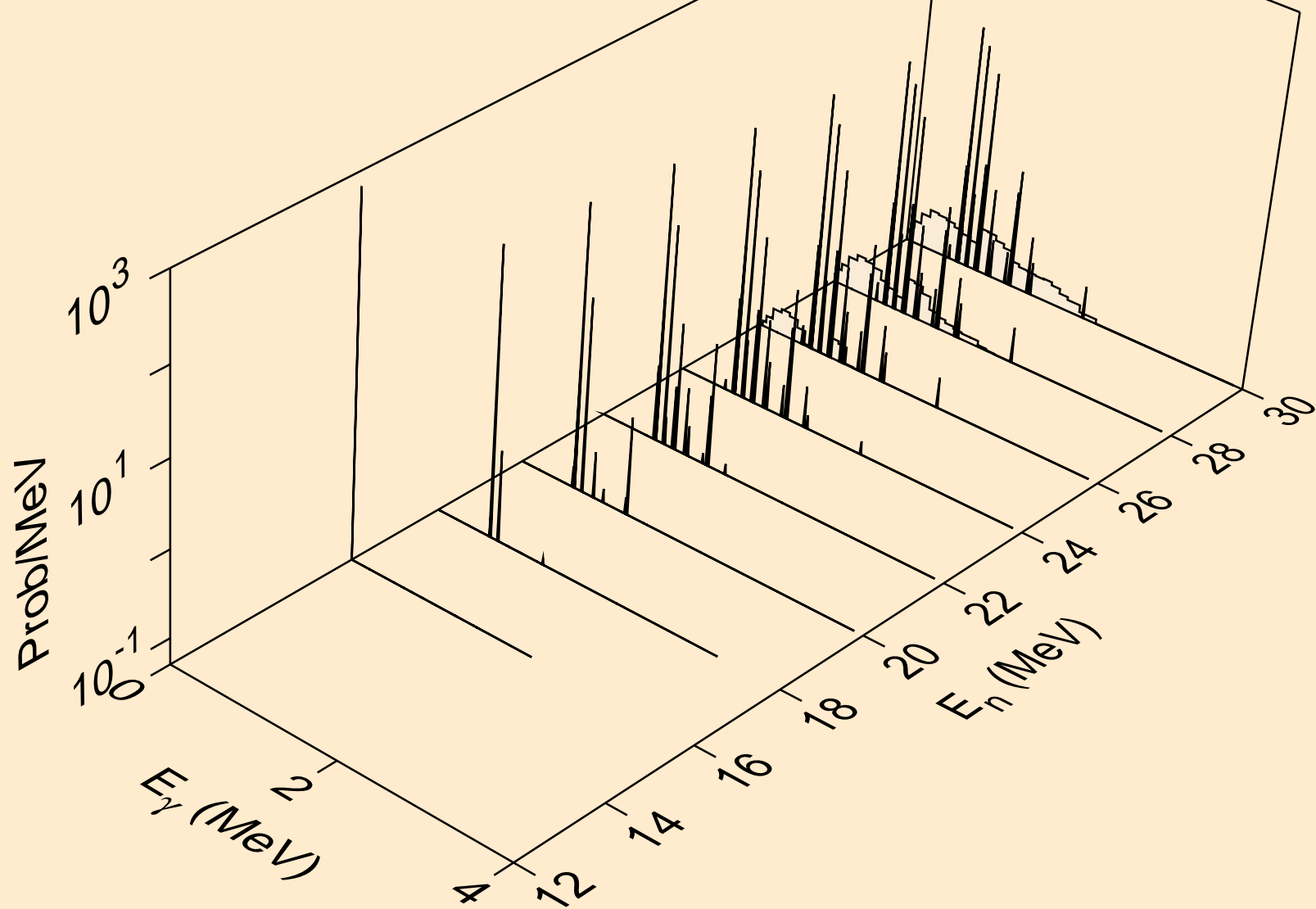
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Photon emission for (n,n\*)d



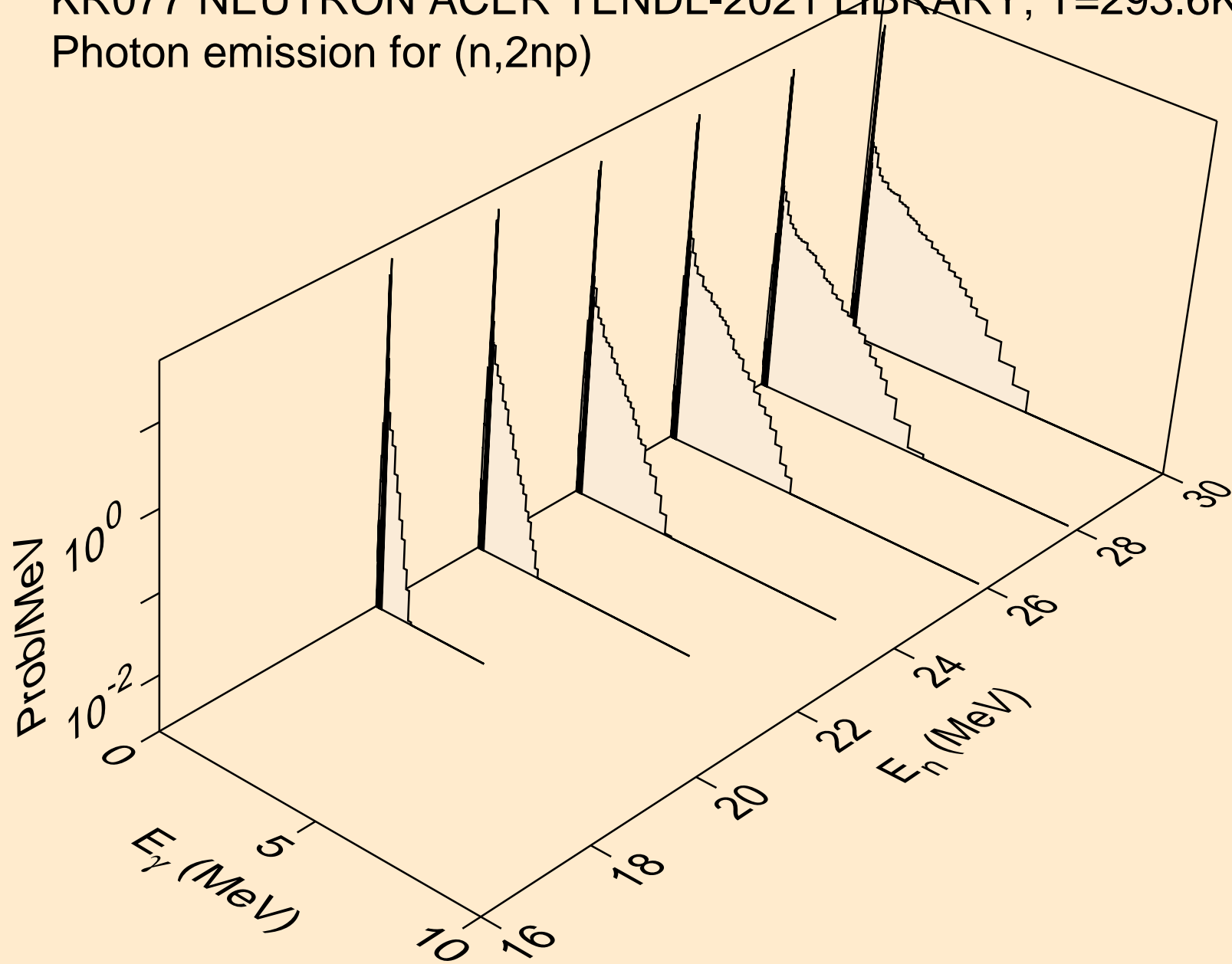
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

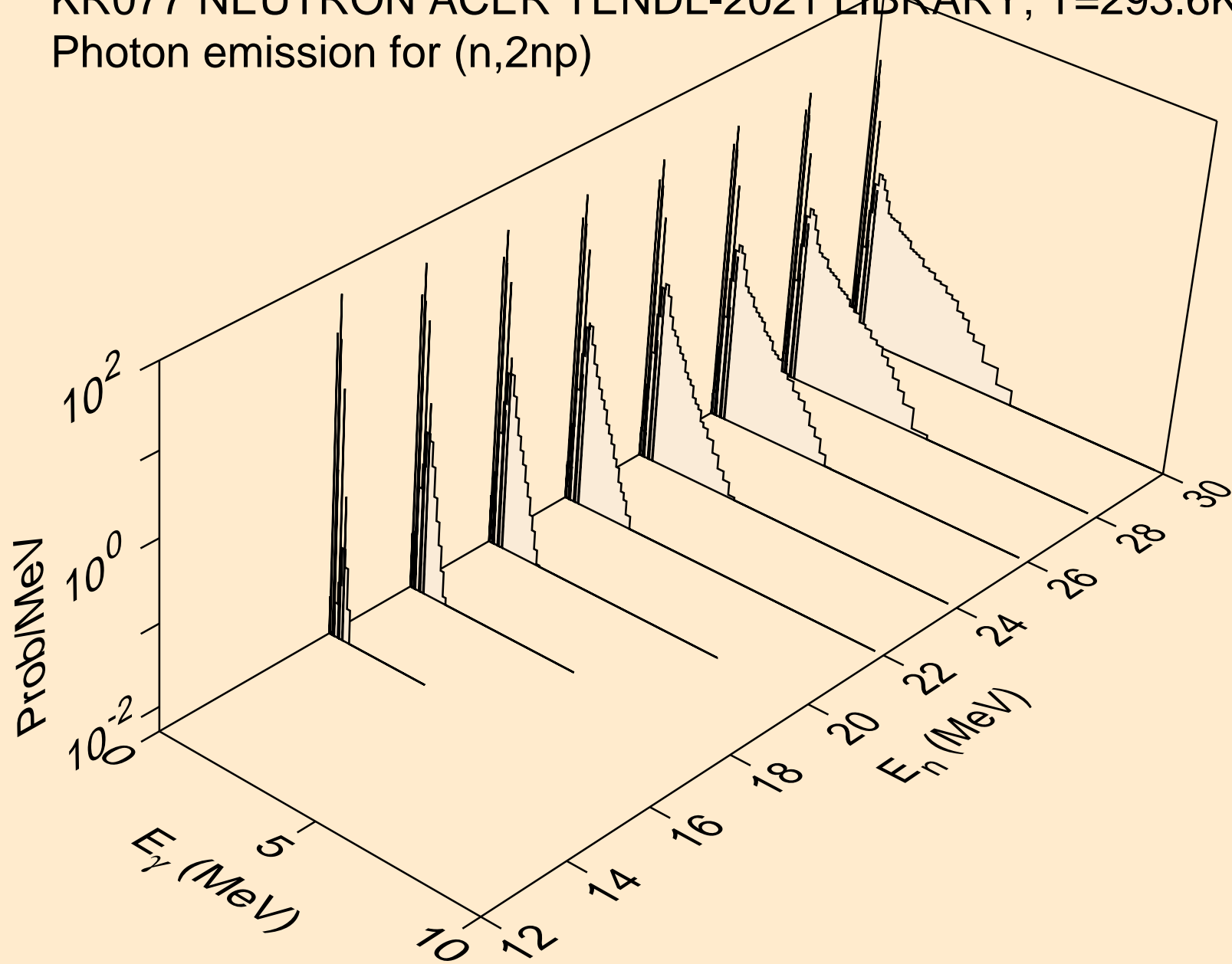


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

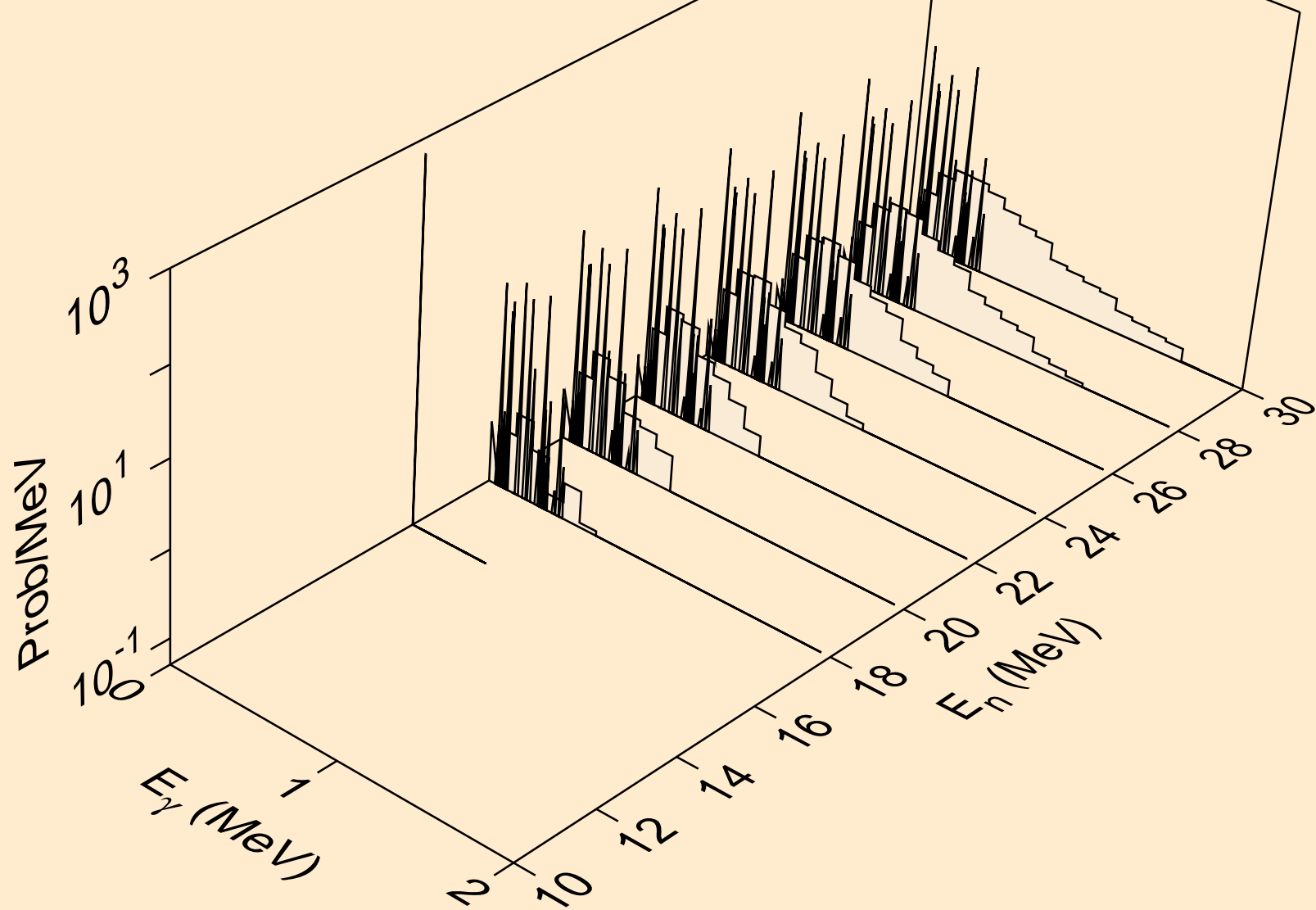




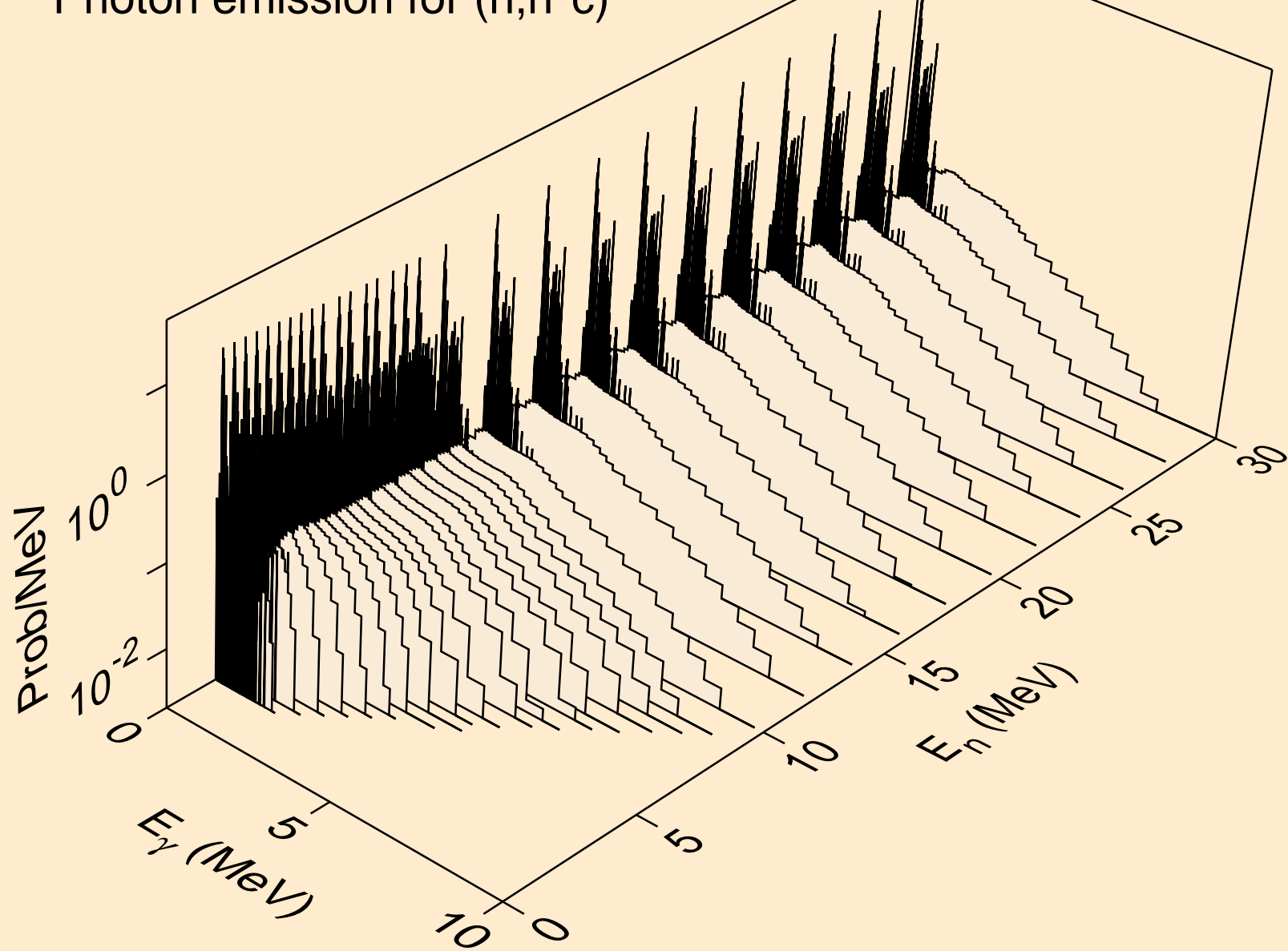
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Photon emission for (n,2np)



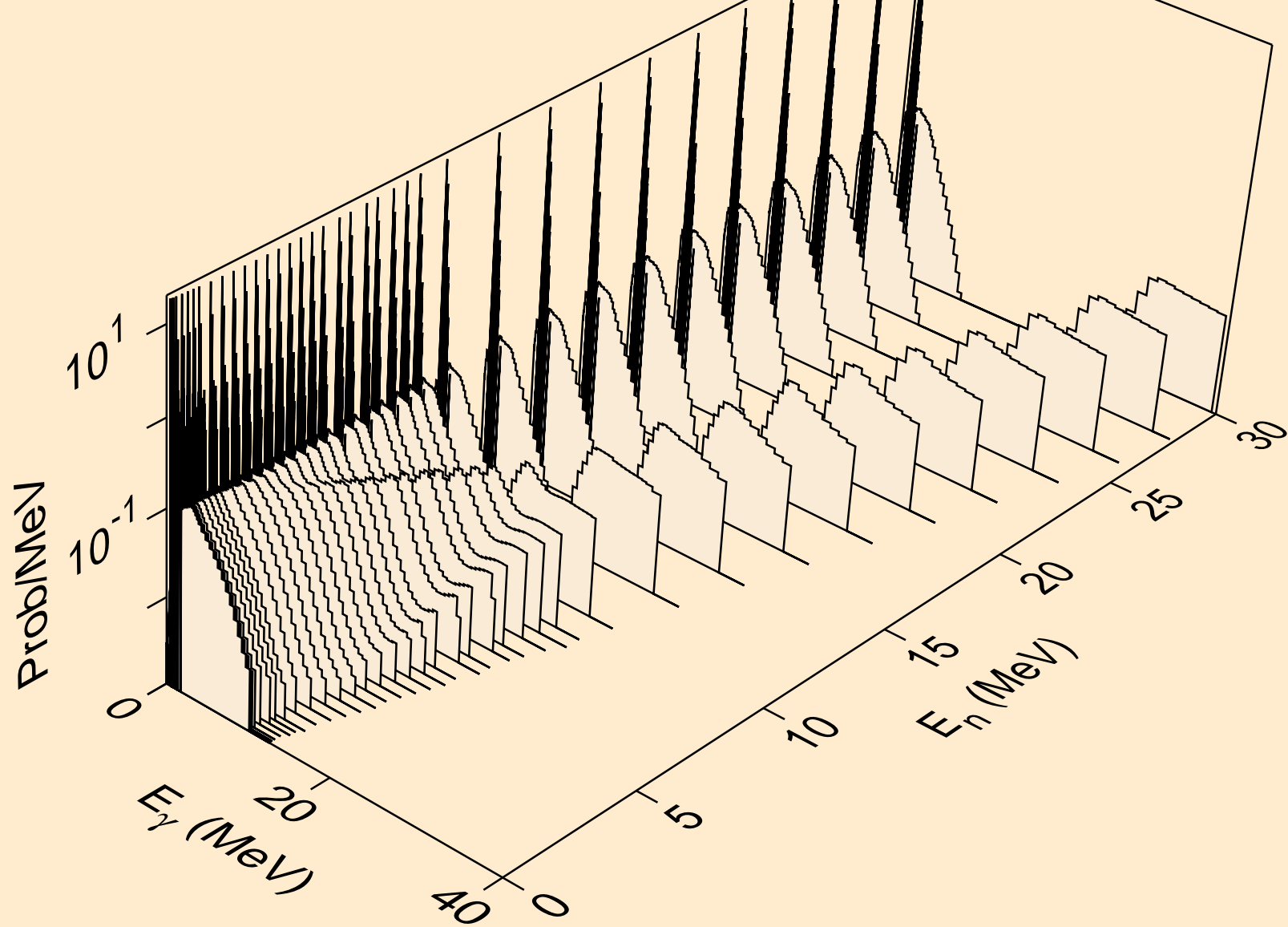
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Photon emission for (n,npa)



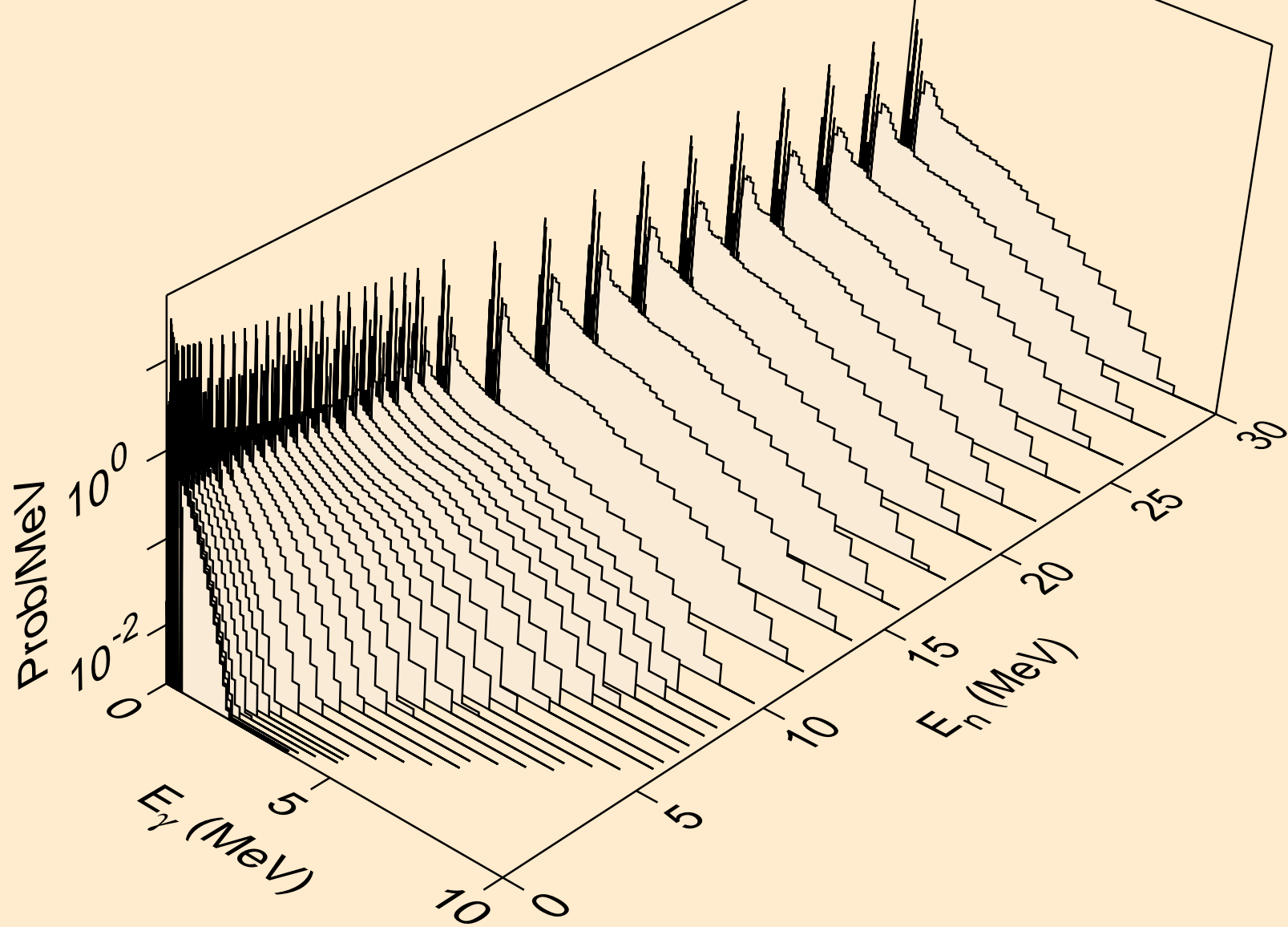
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Photon emission for (n,n\*c)



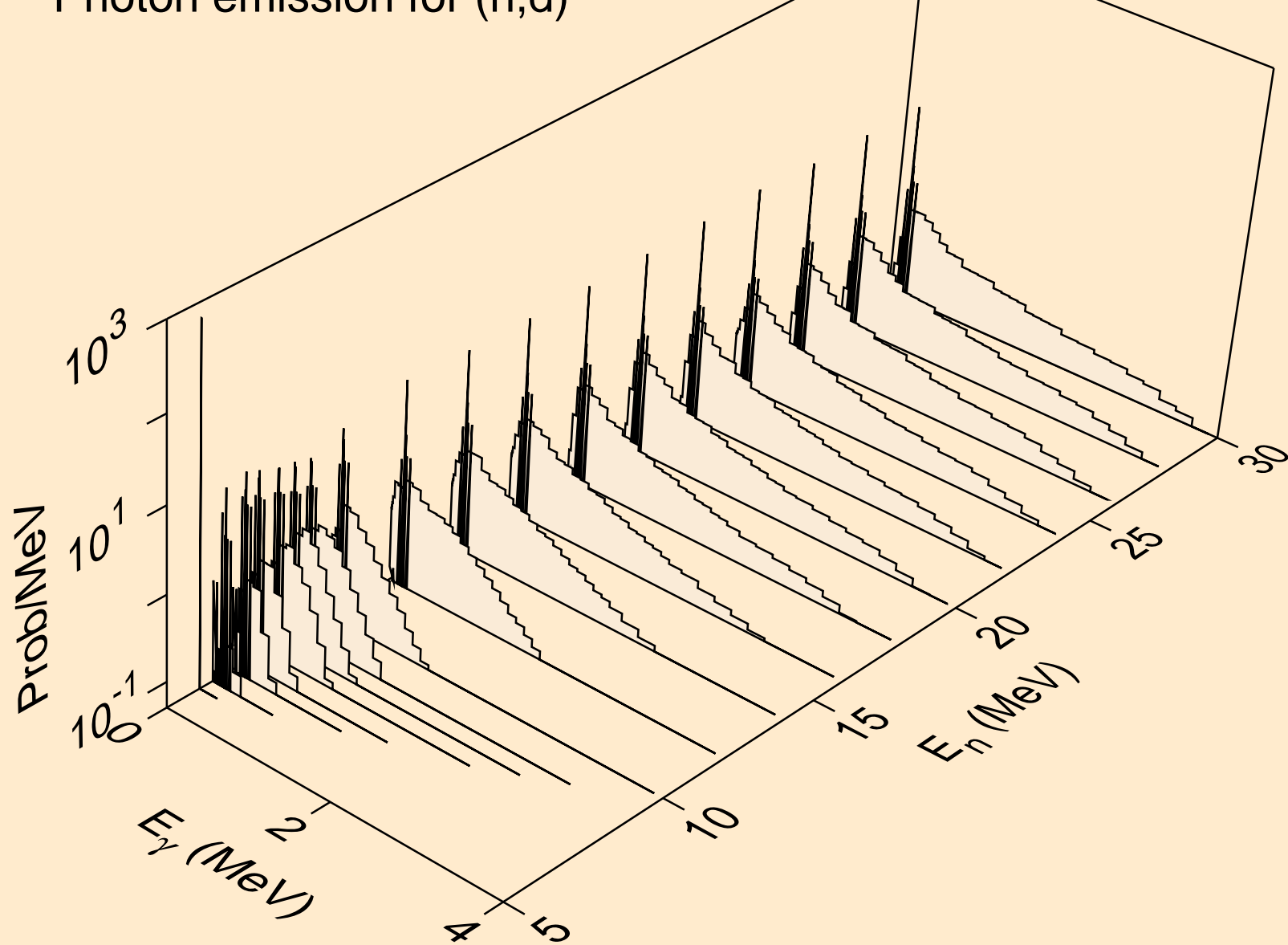
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Photon emission for (n,gma)



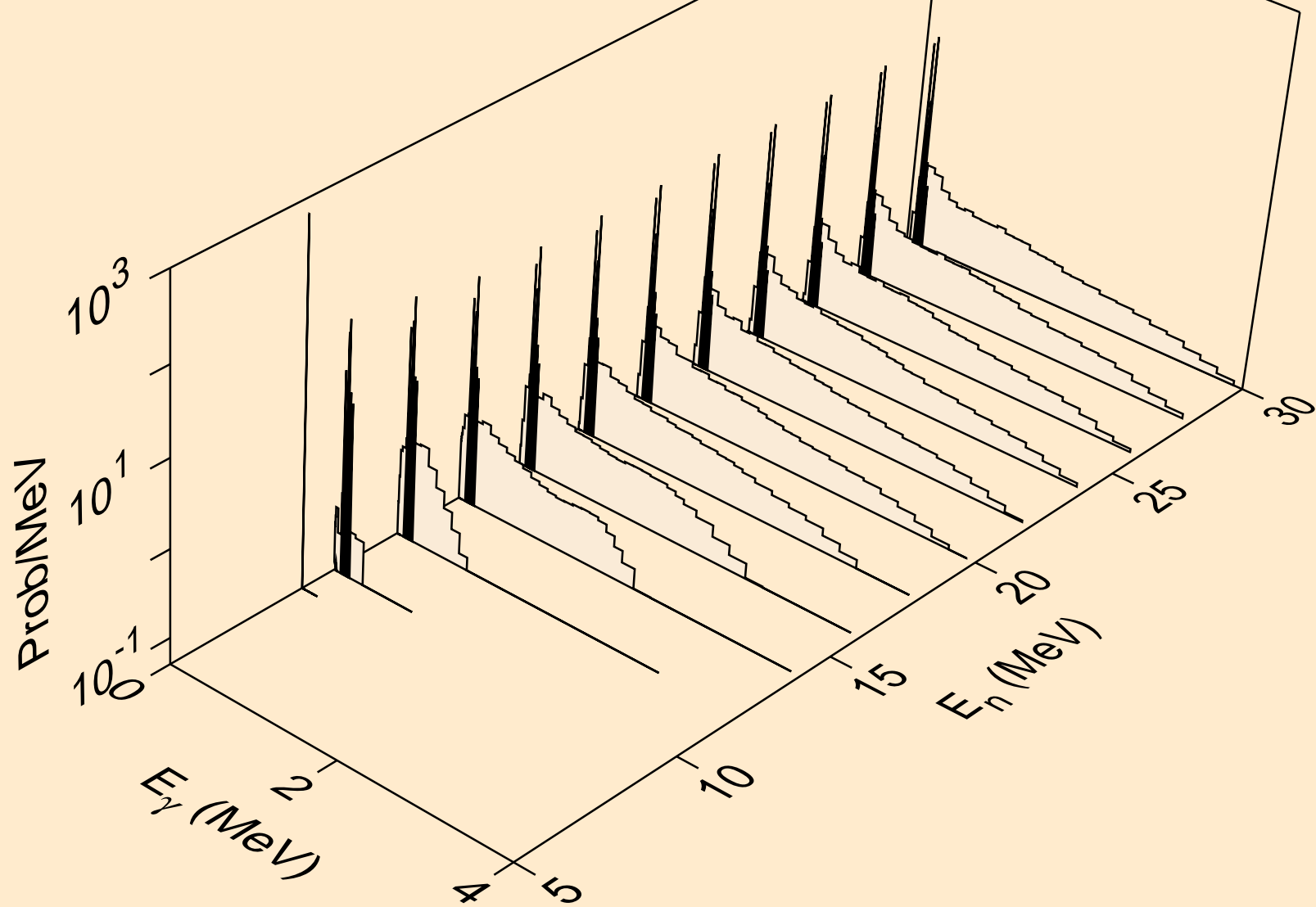
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Photon emission for (n,p)



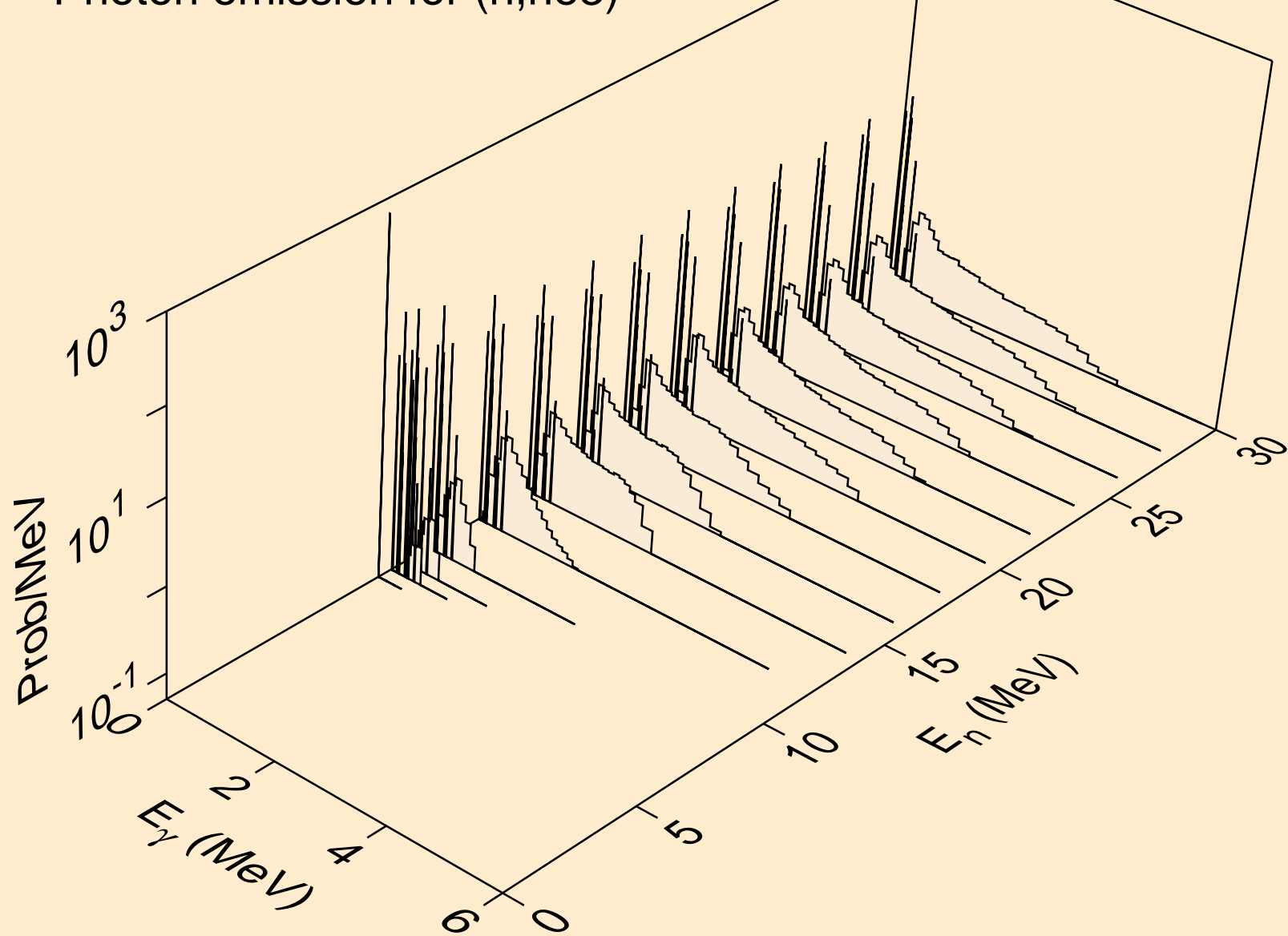
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

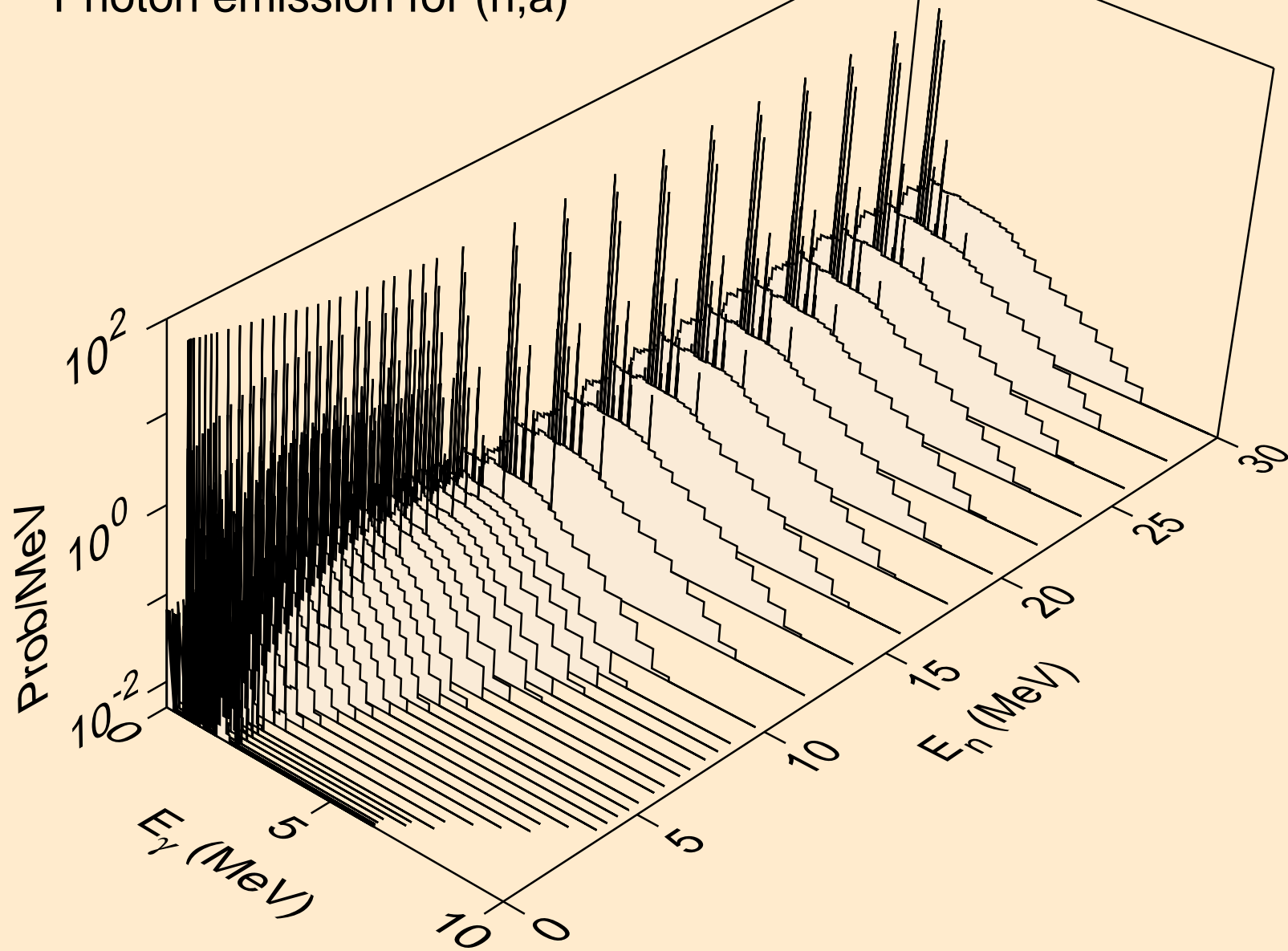


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Photon emission for (n,he3)

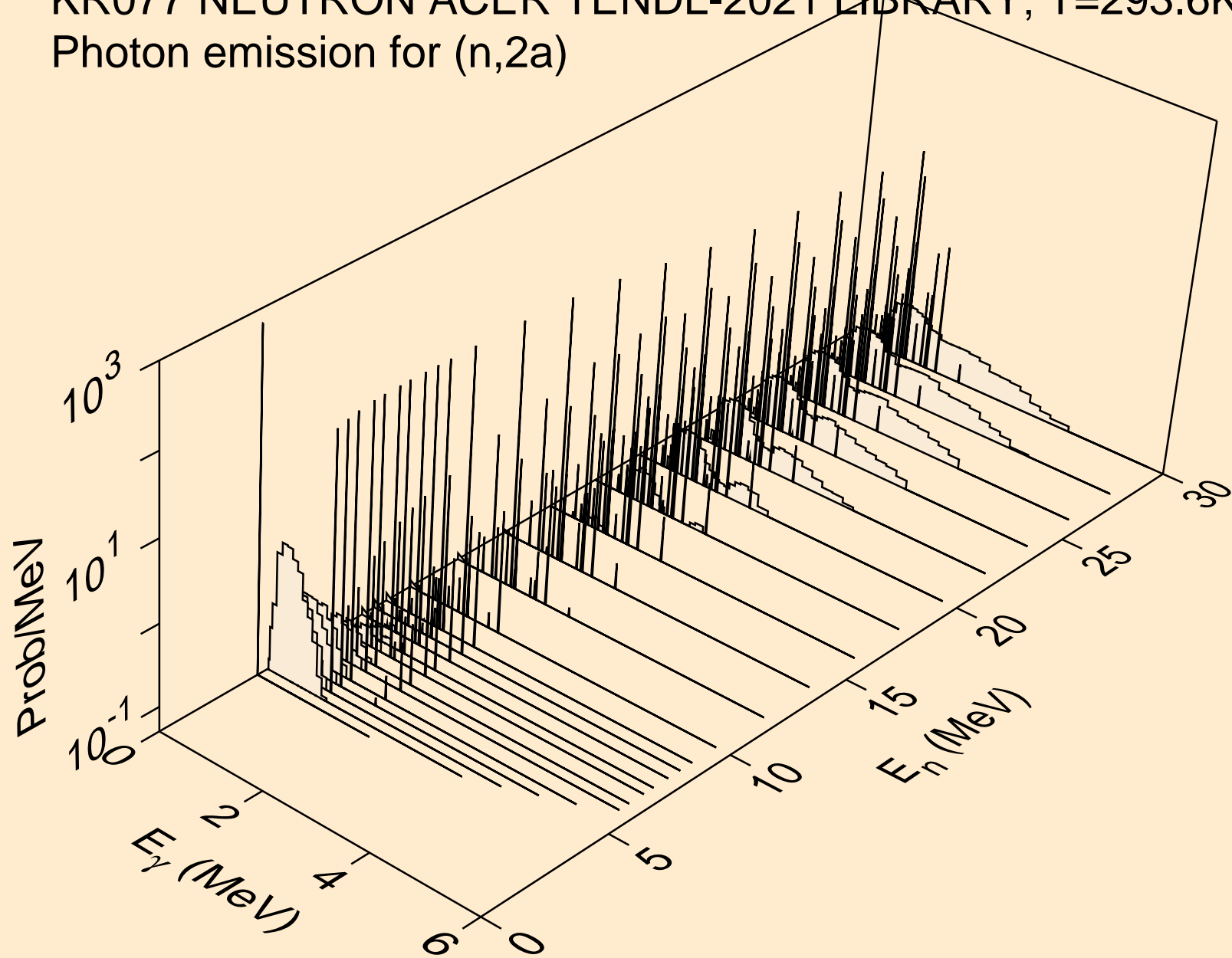




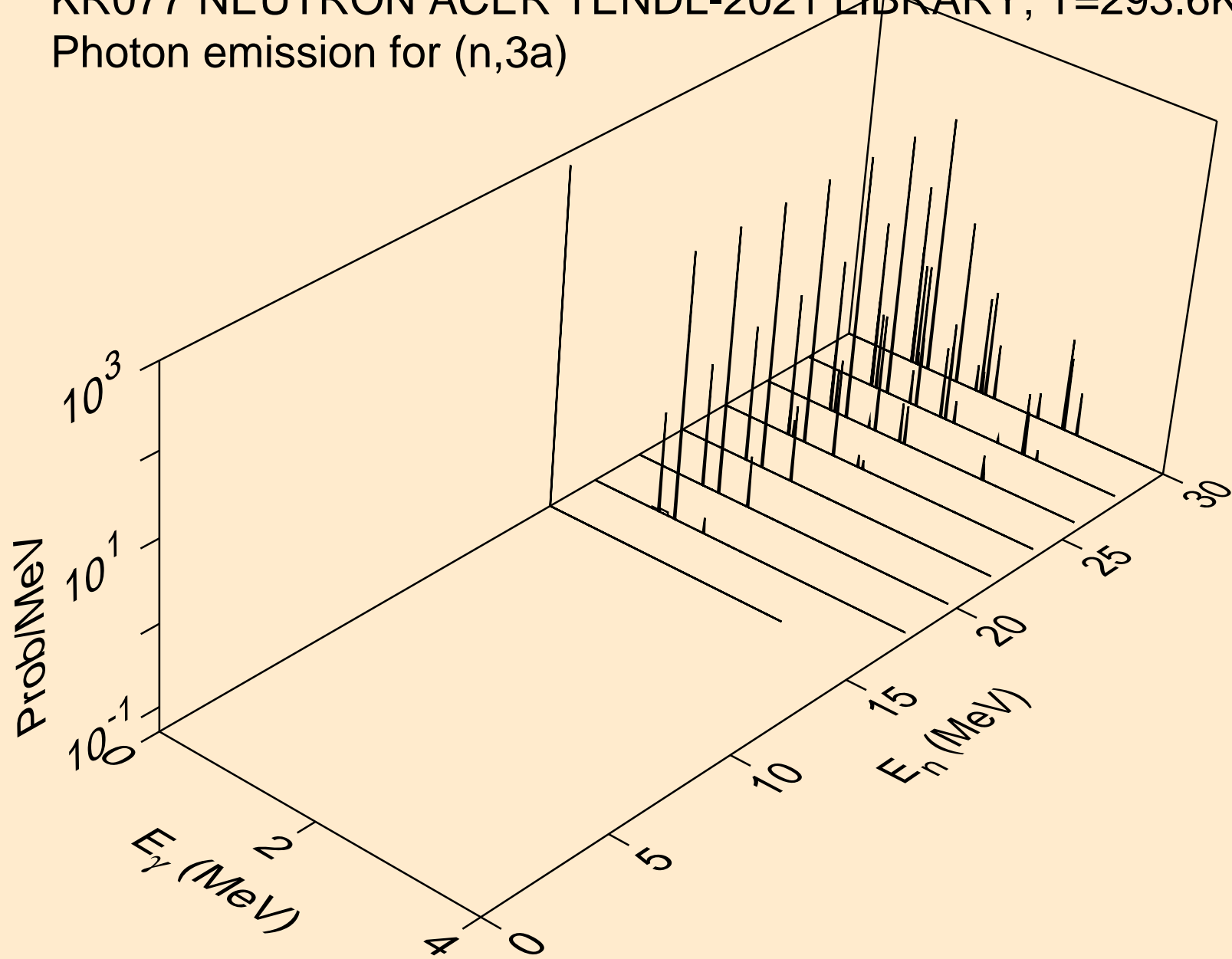
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Photon emission for (n,a)



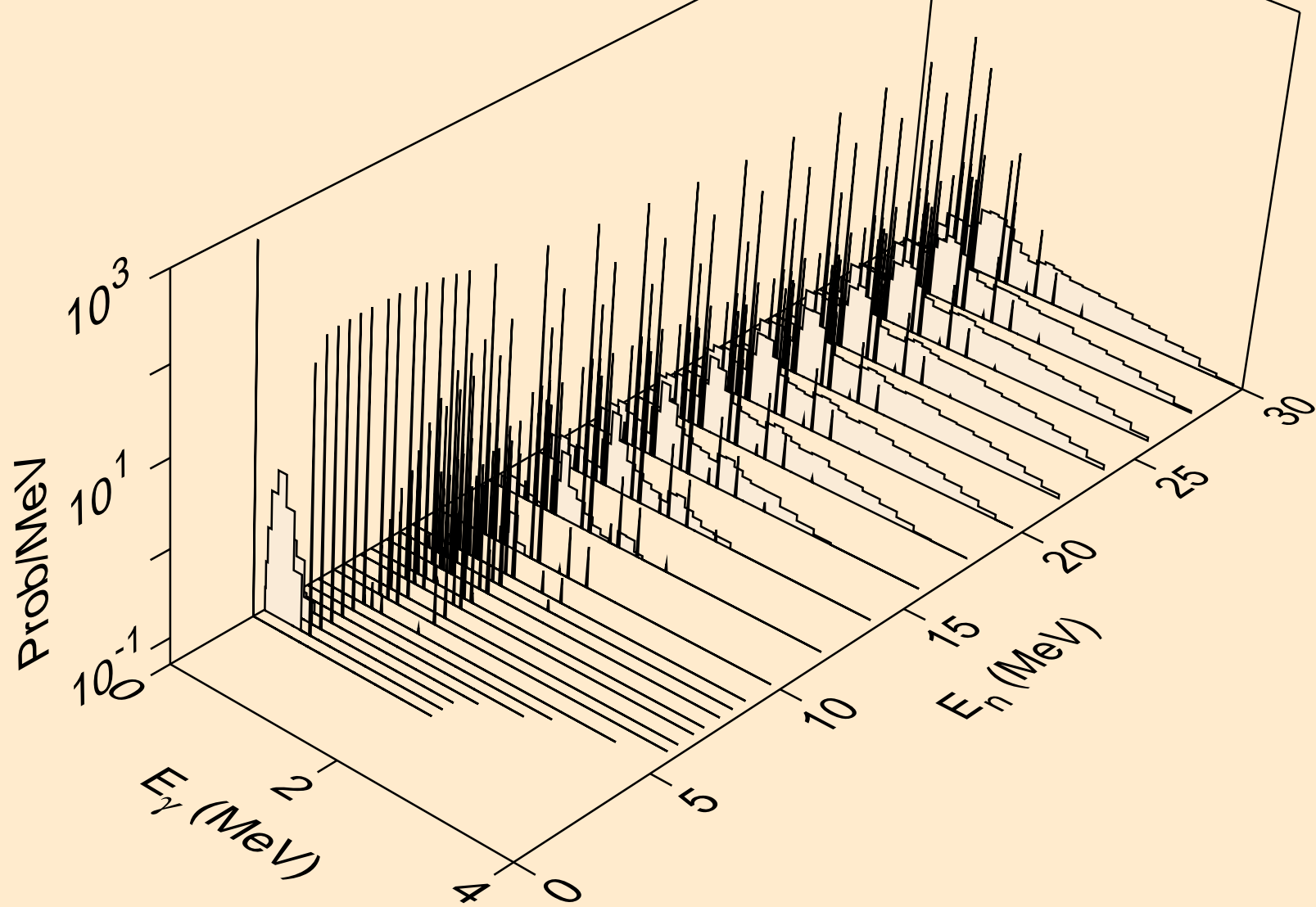
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Photon emission for (n,2a)



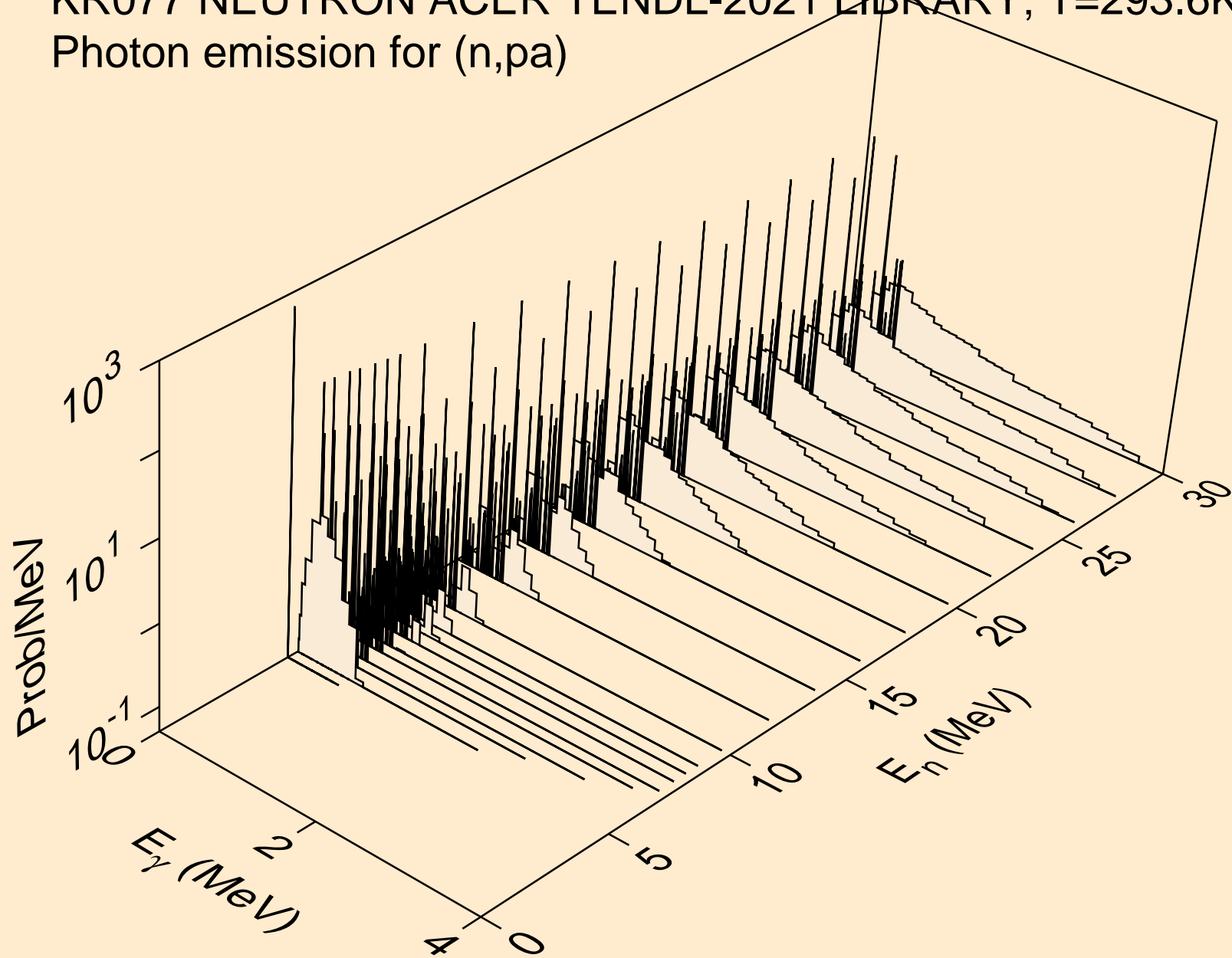
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Photon emission for (n,3a)



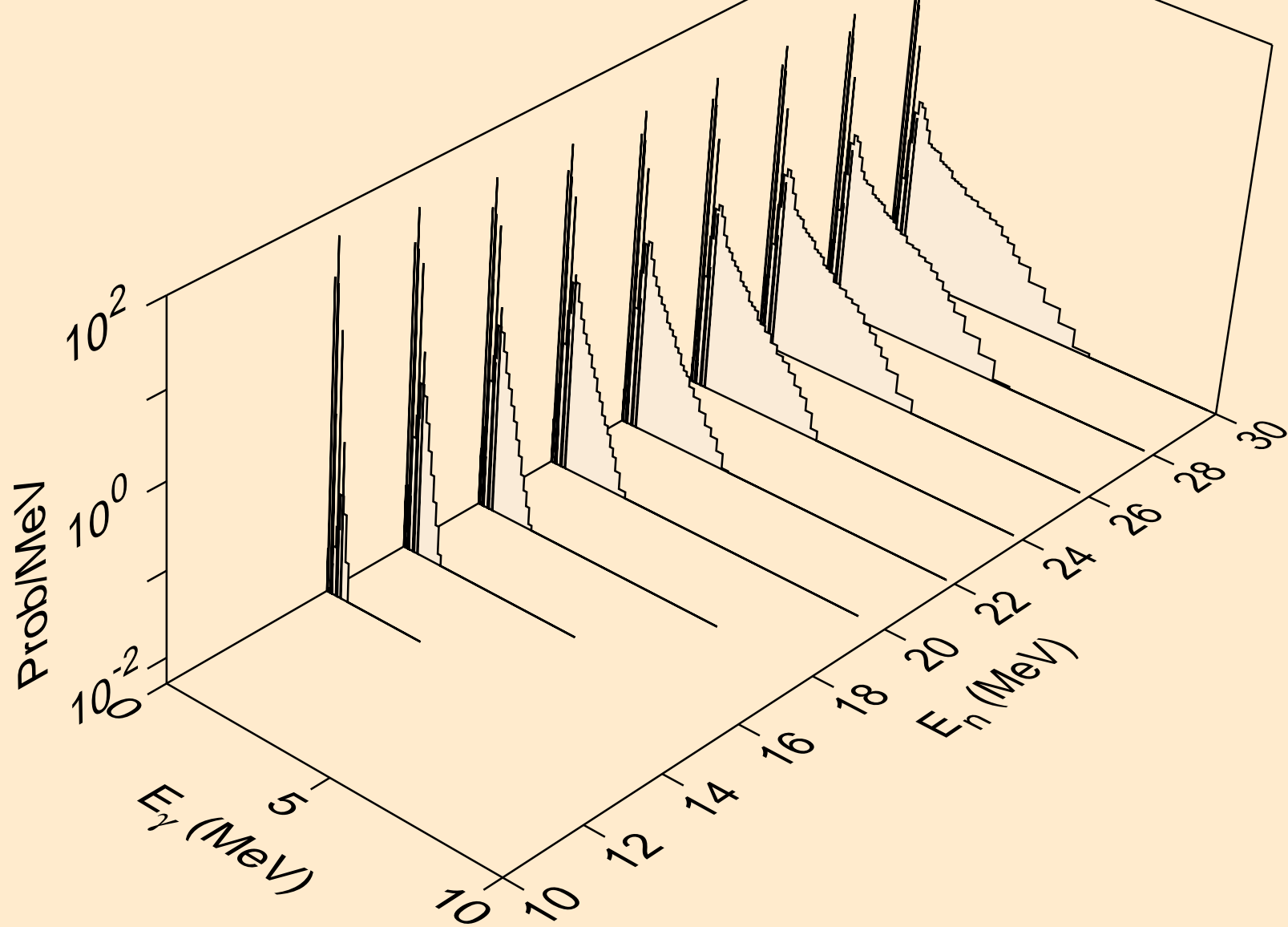
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Photon emission for (n,2p)



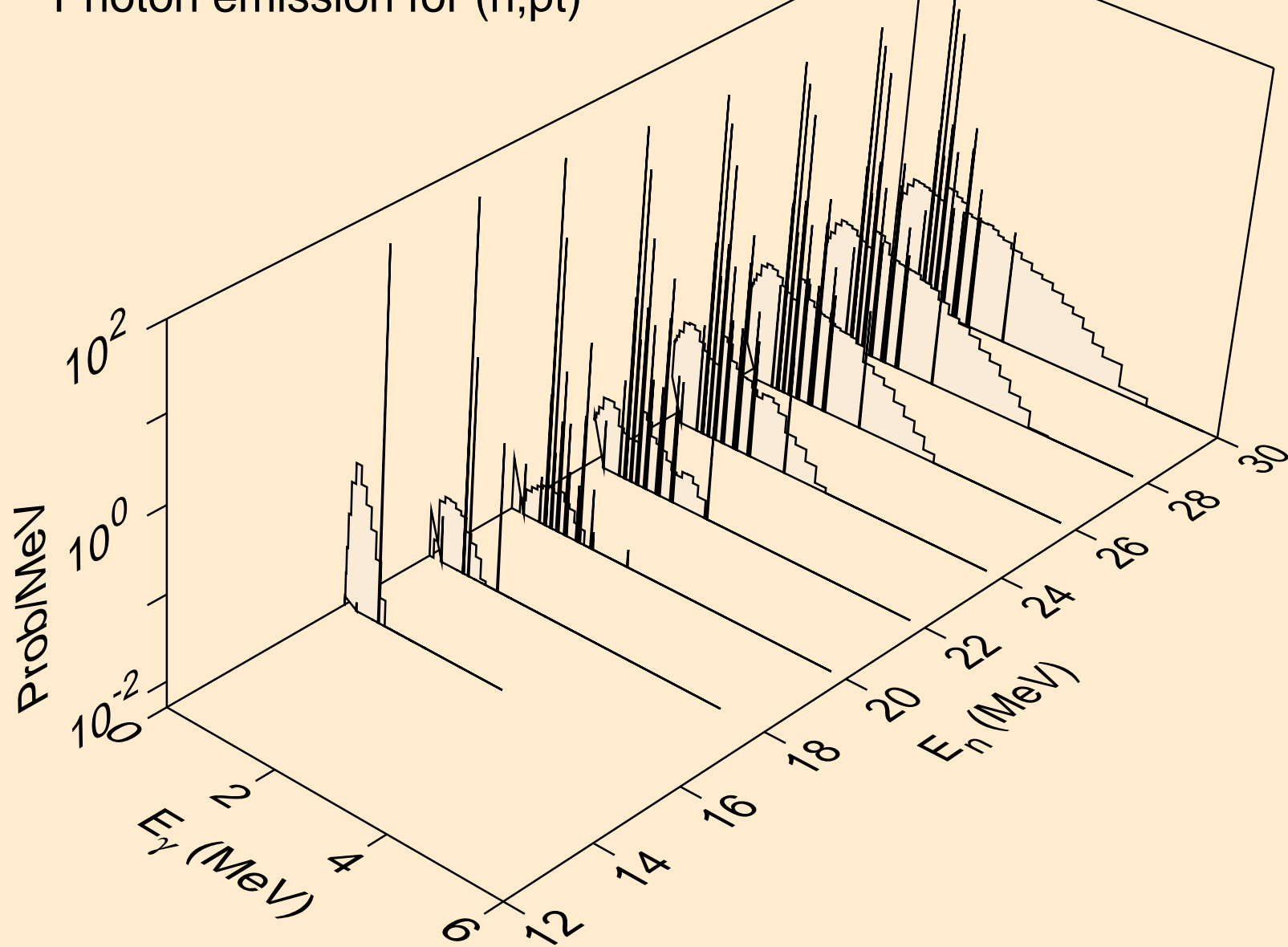
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Photon emission for (n,p $\alpha$ )



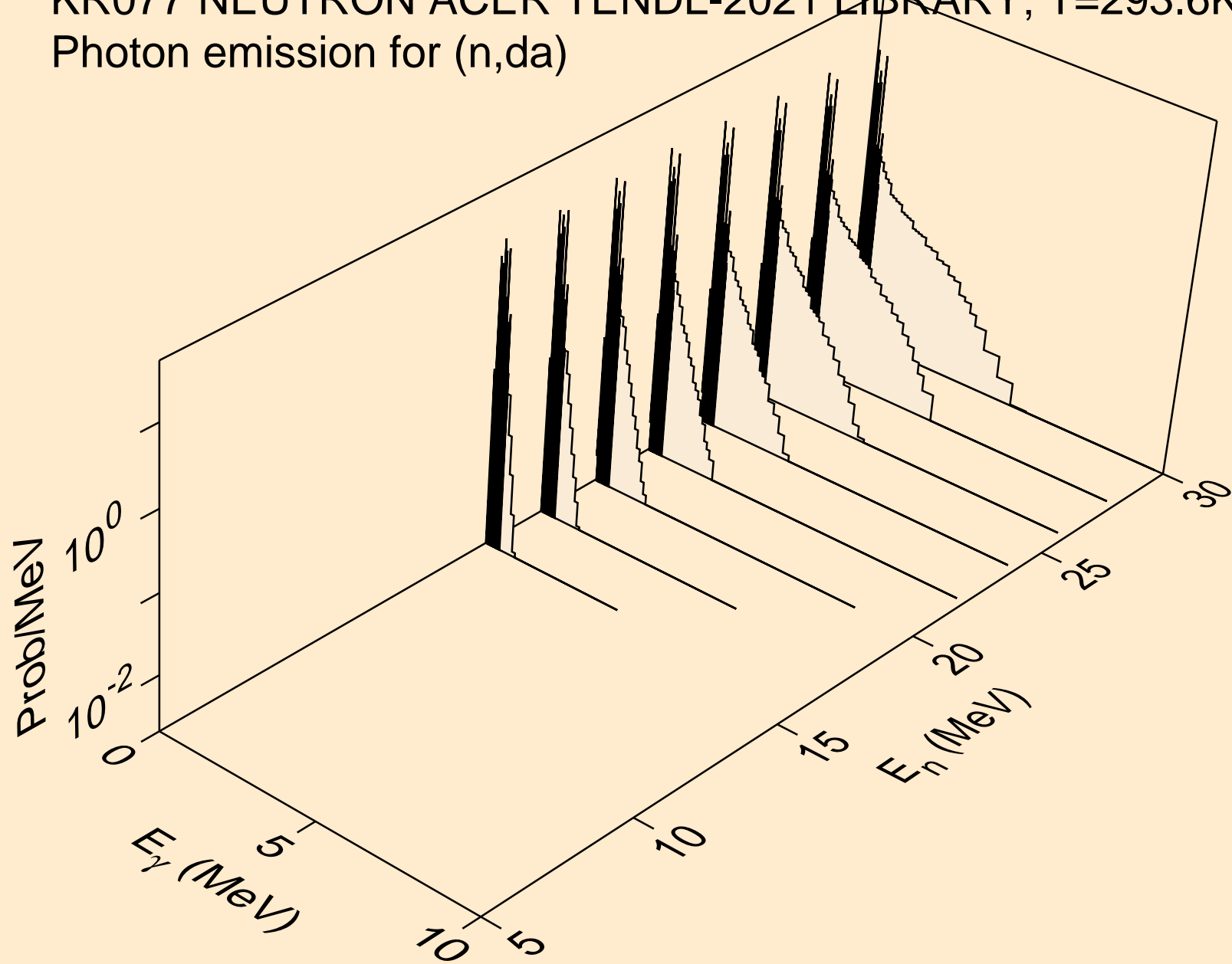
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

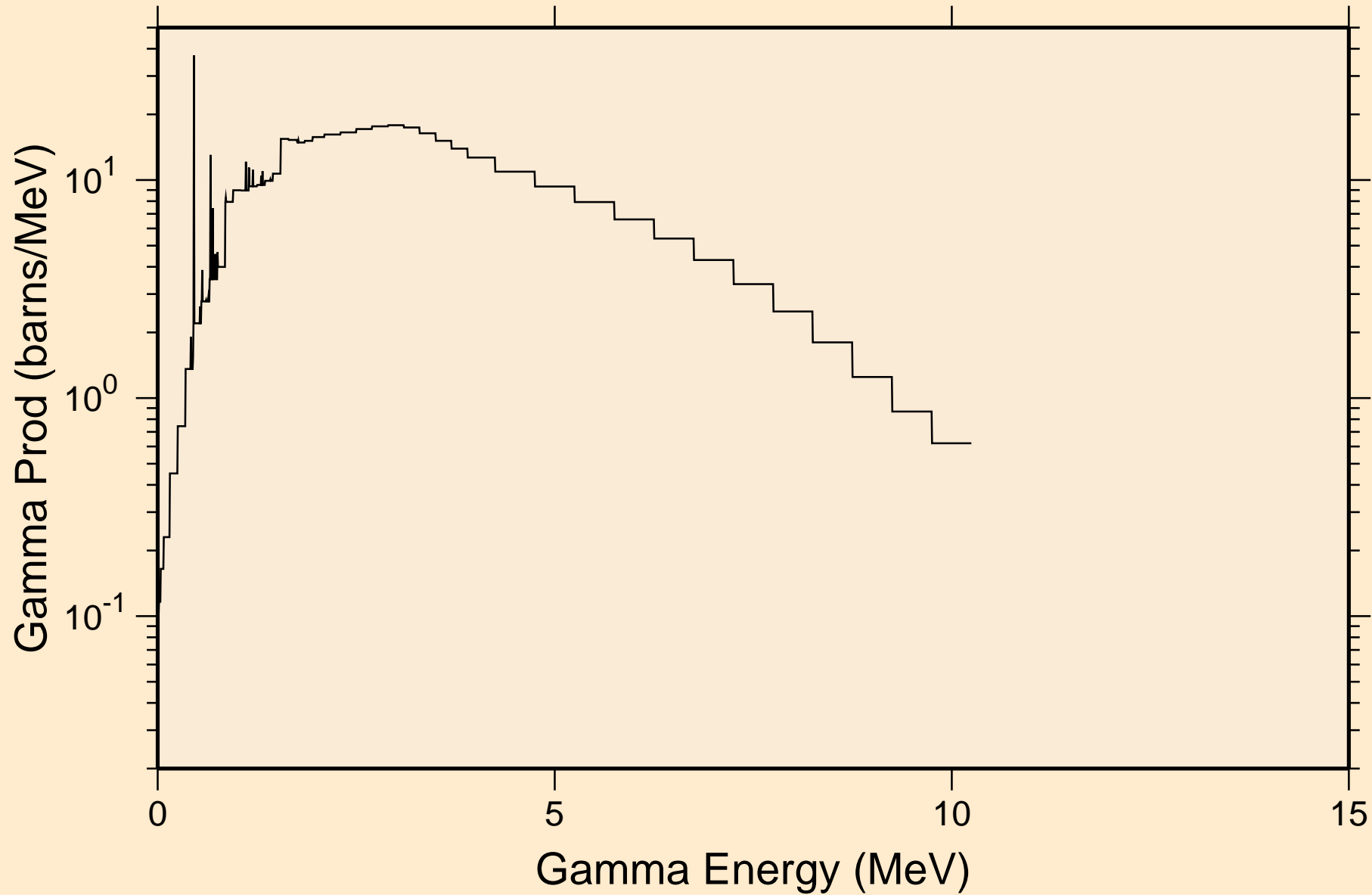


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

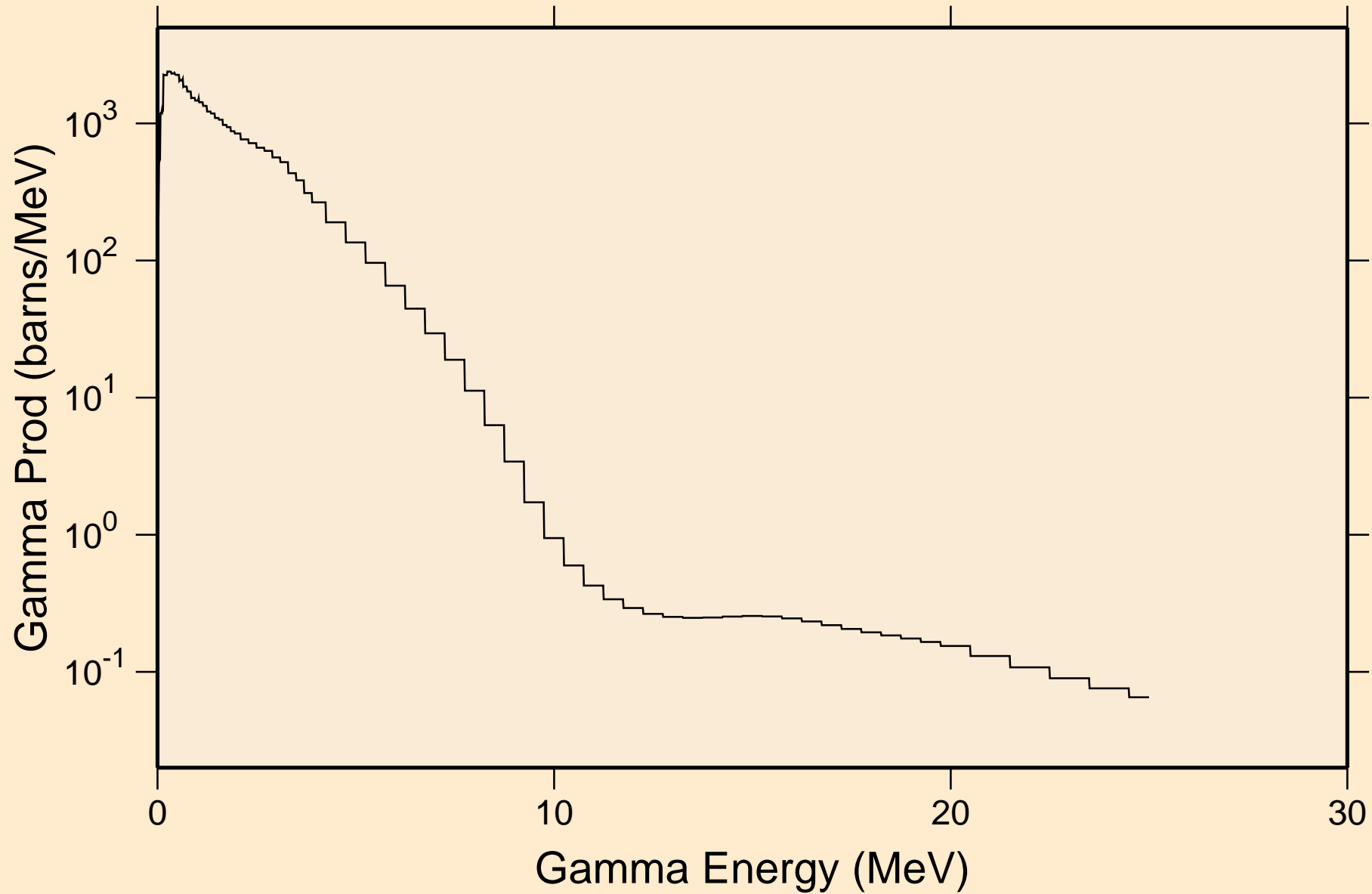




KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

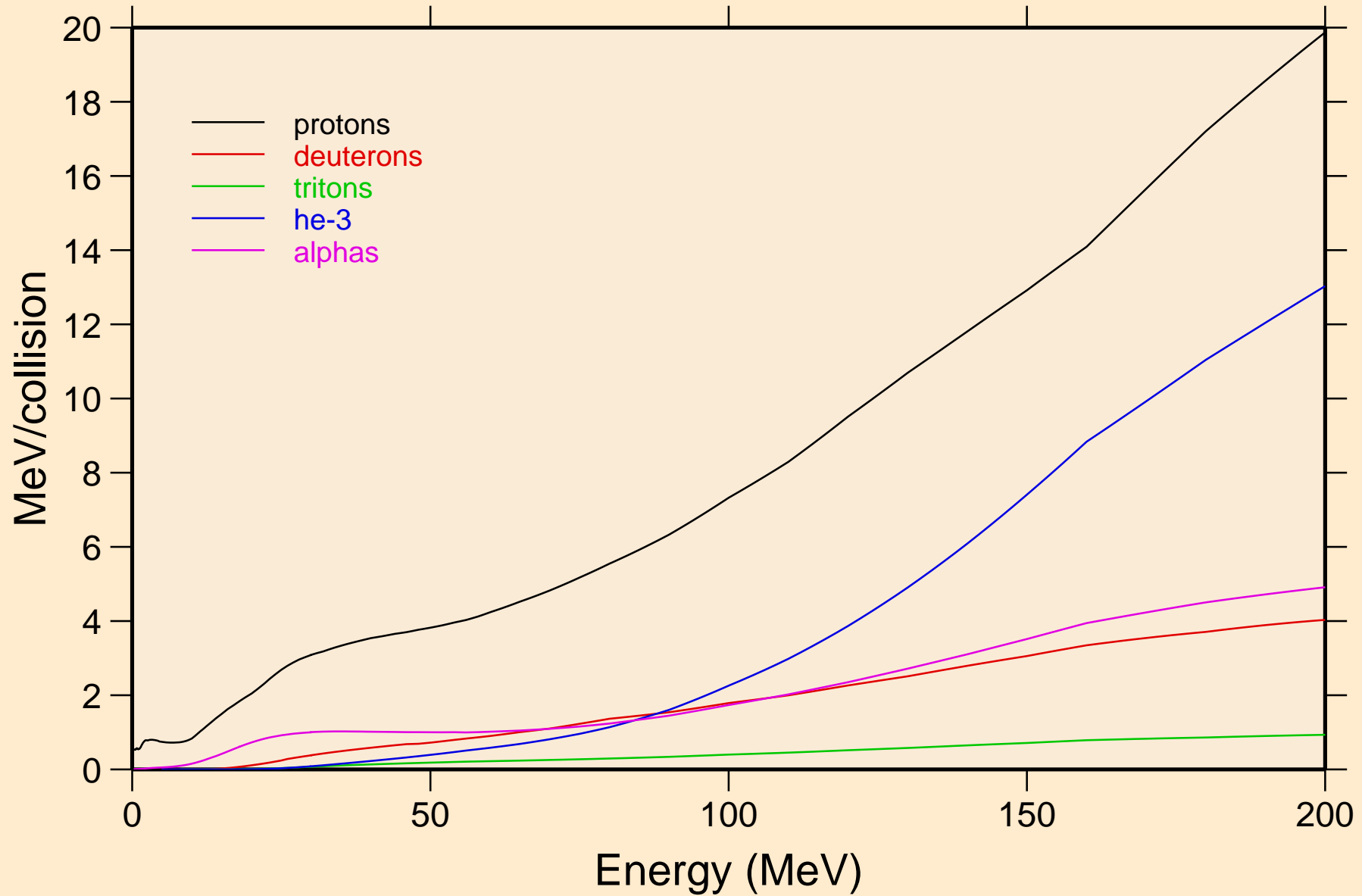


KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

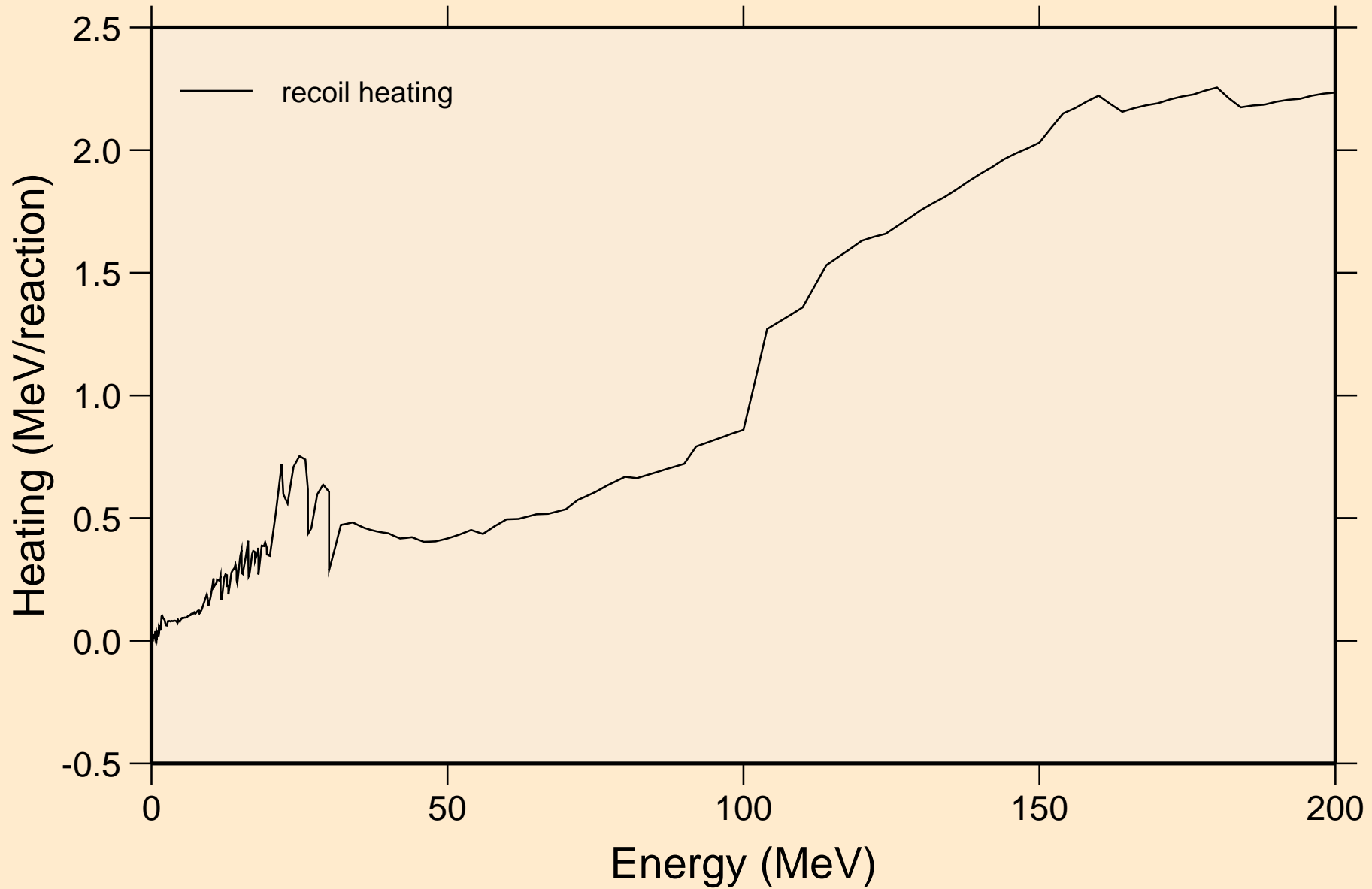


# KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

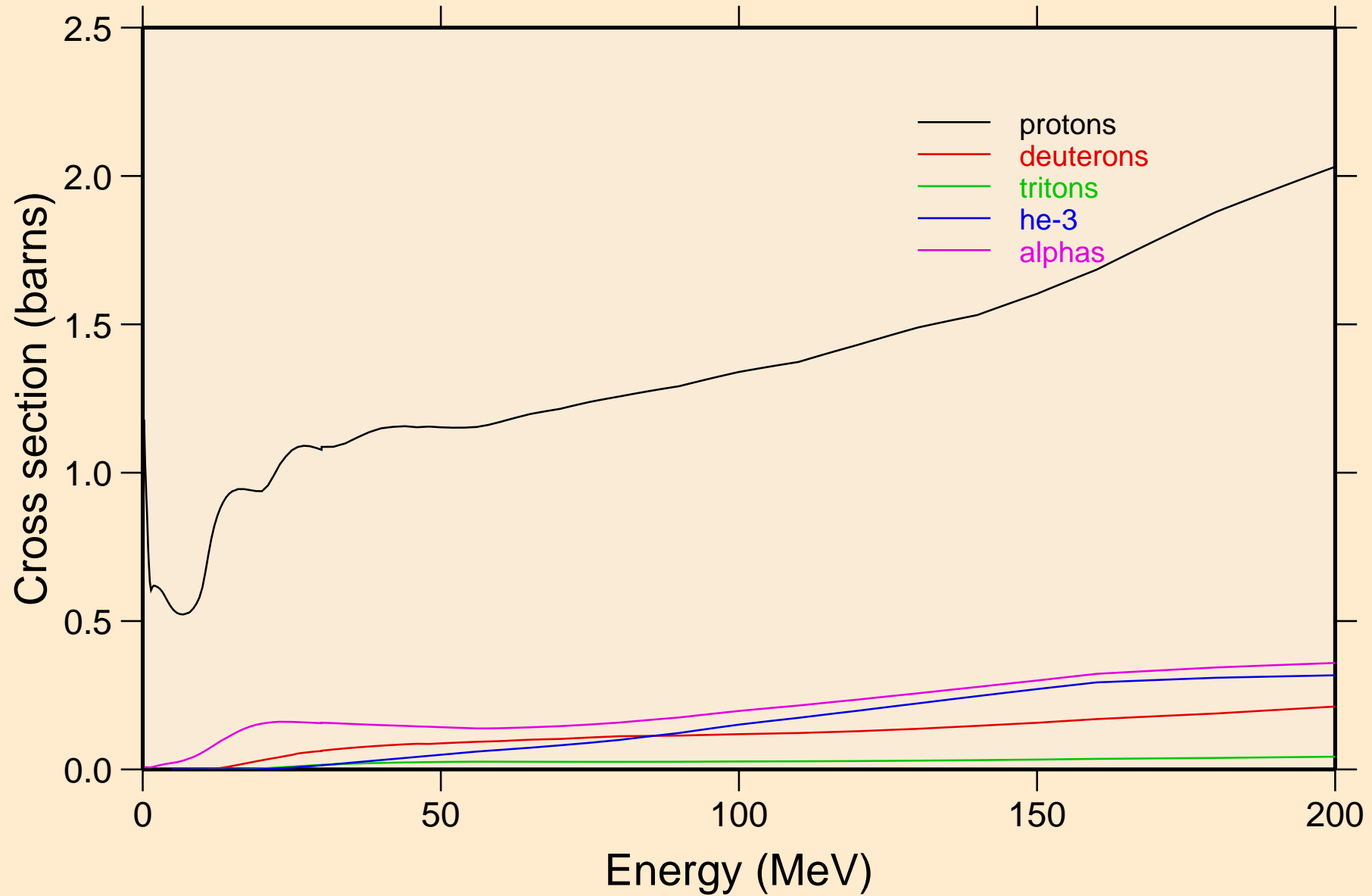
## Particle heating contributions



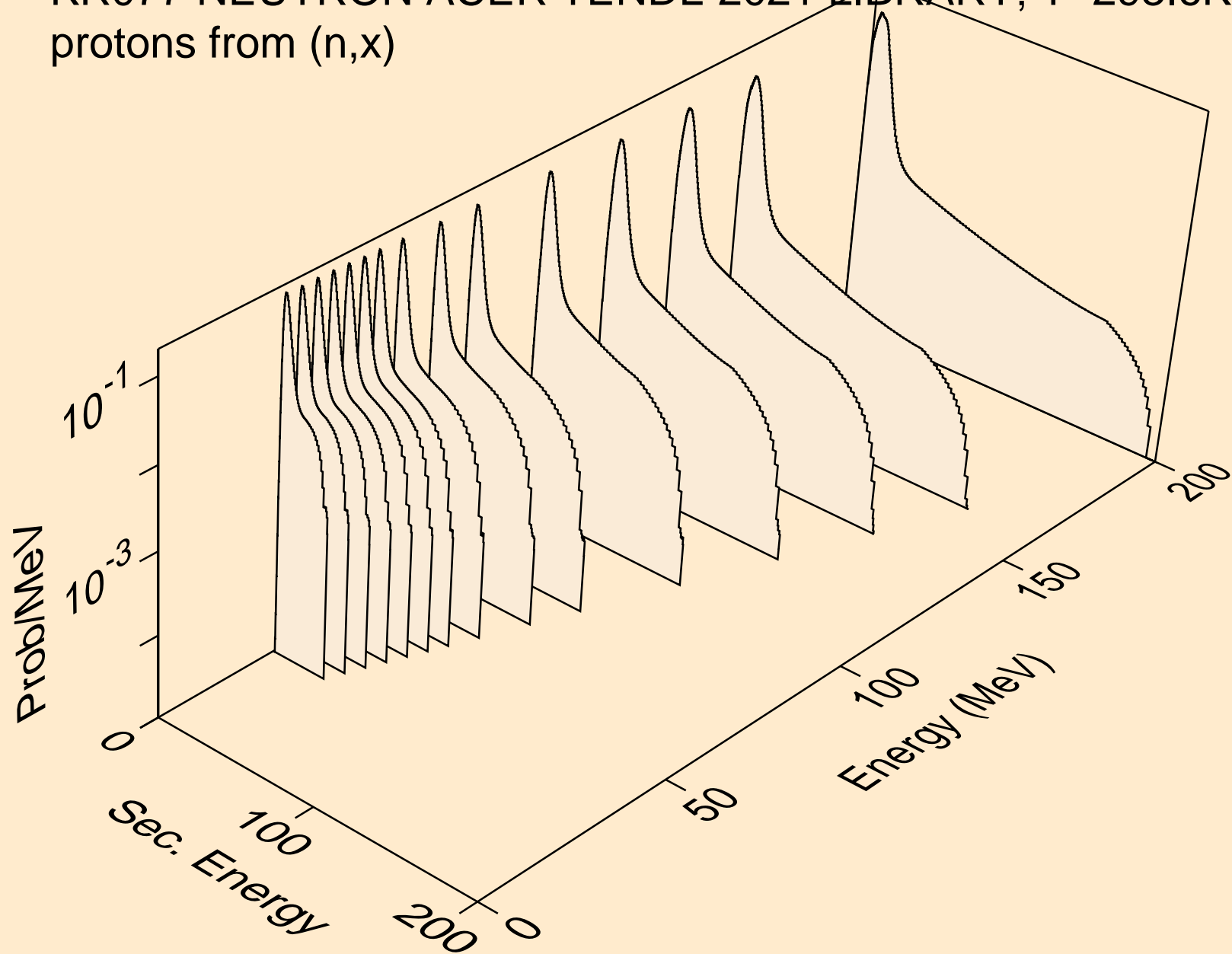
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Recoil Heating



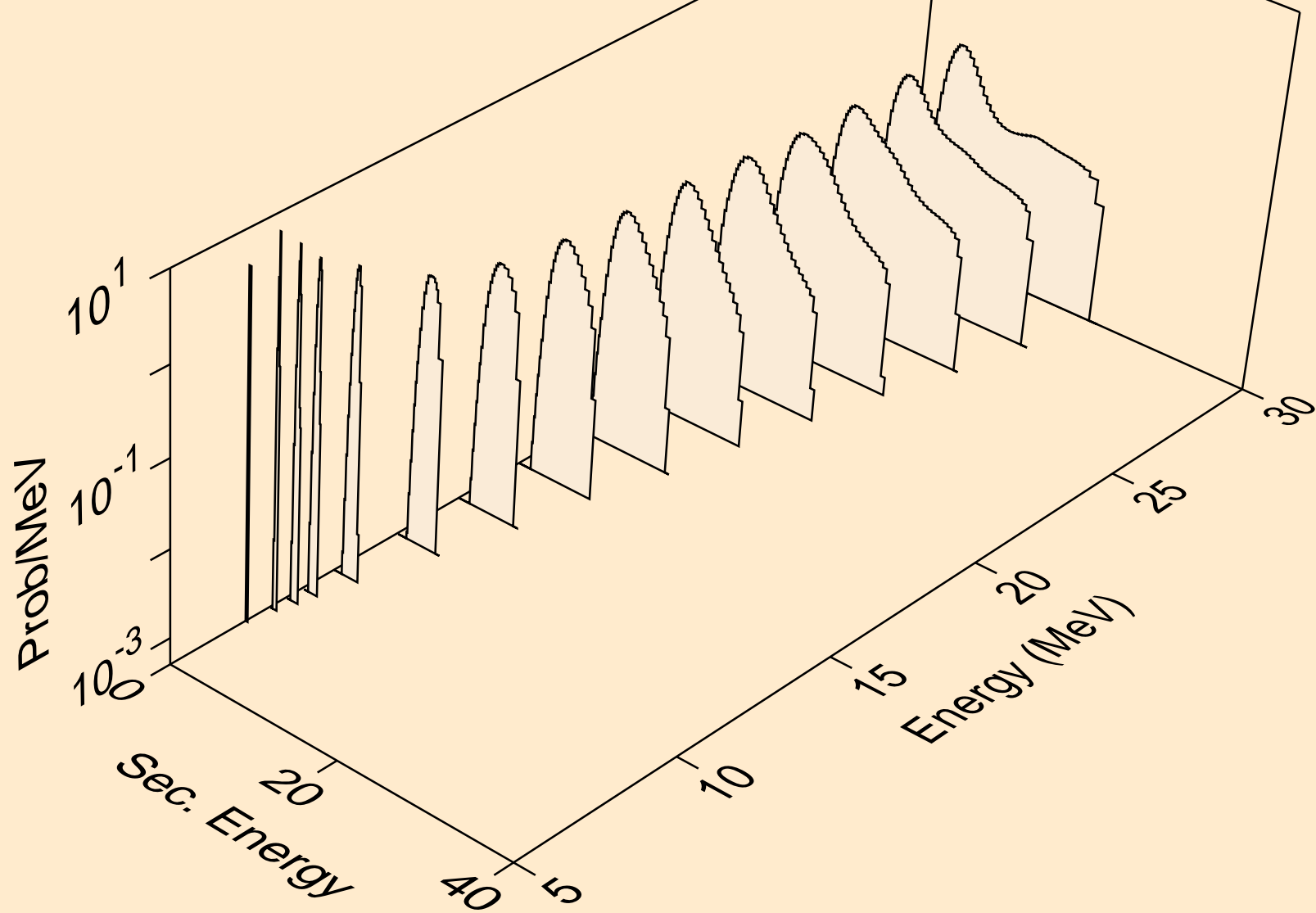
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Particle production cross sections



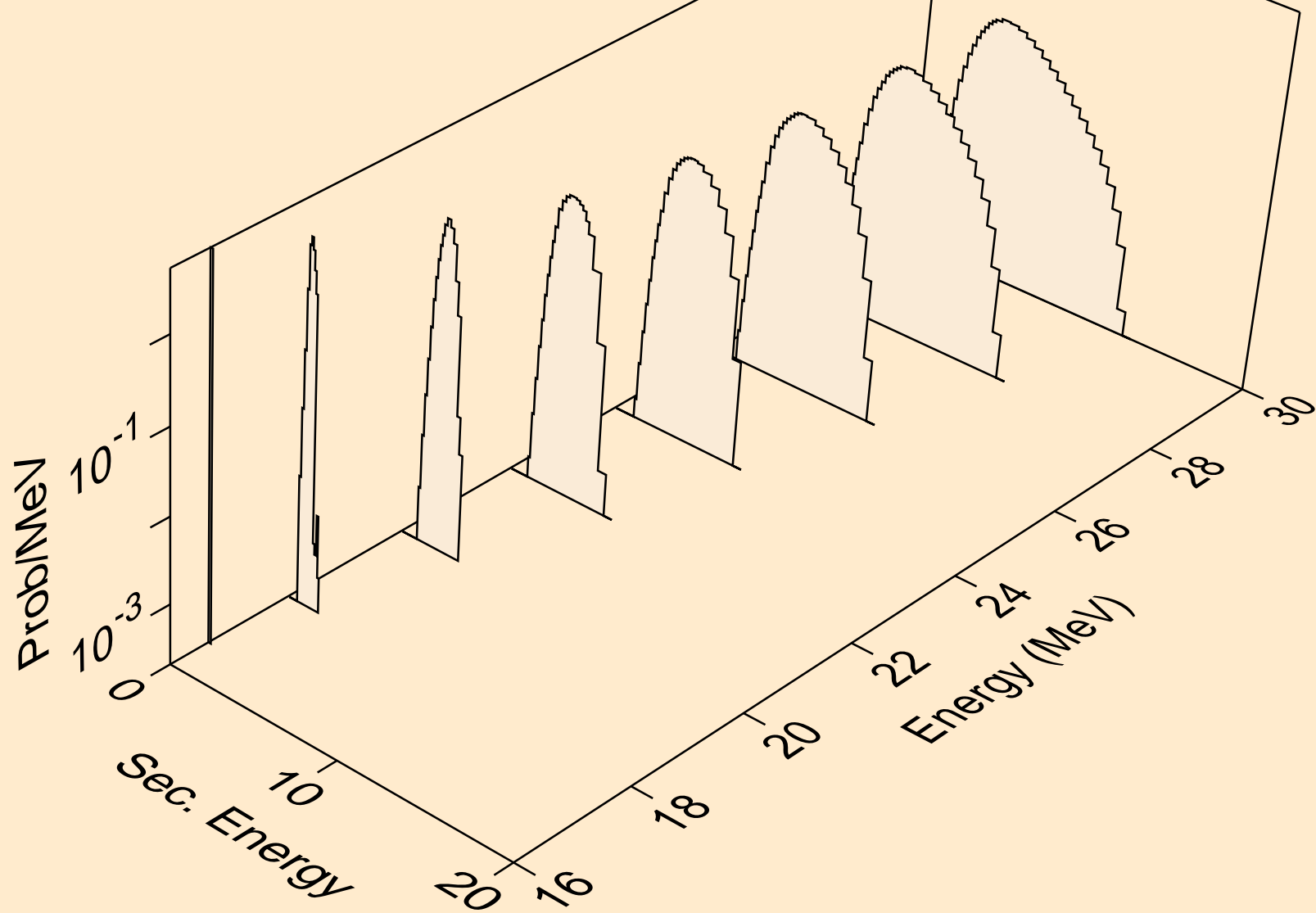
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

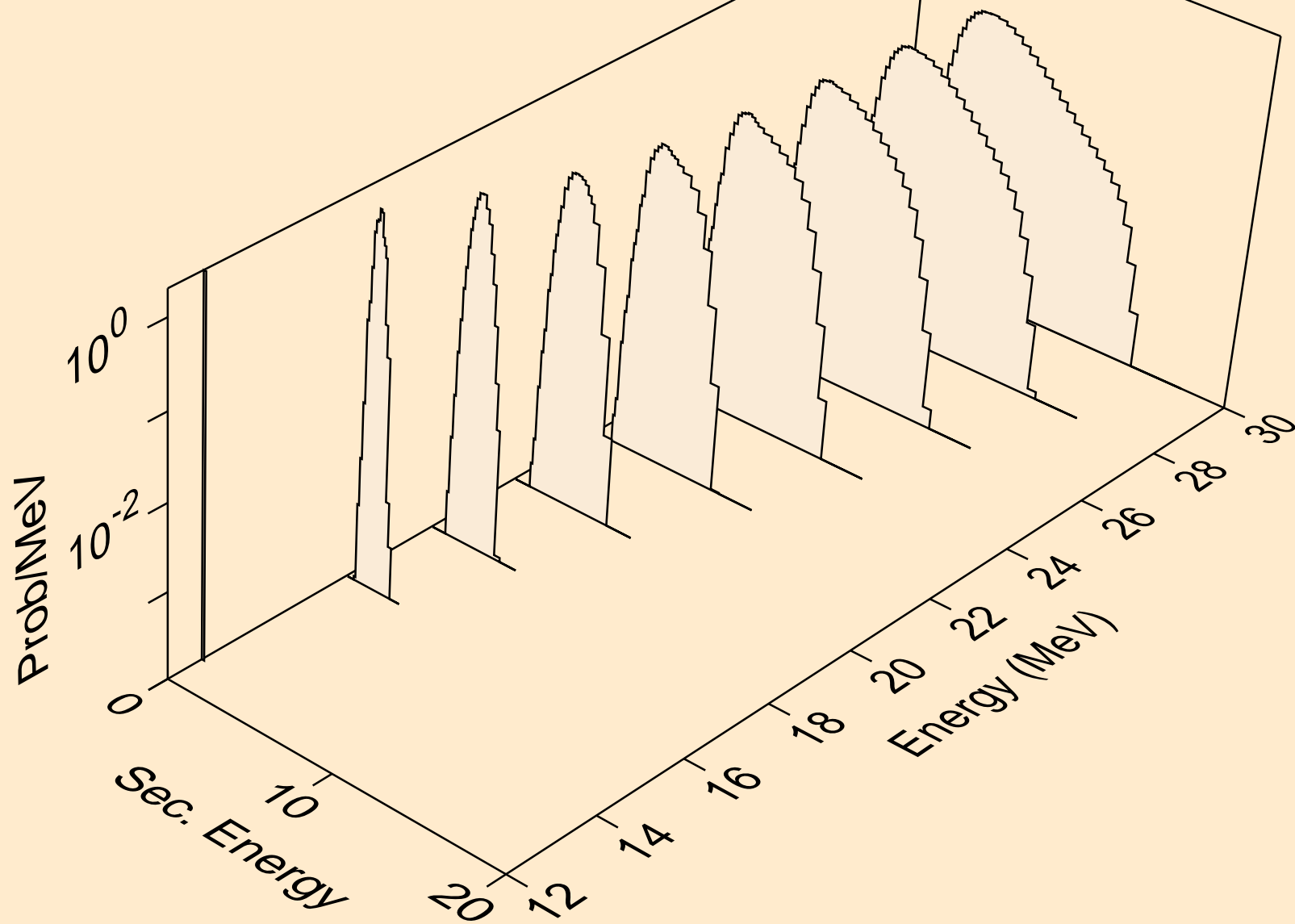


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protons from (n,2np)

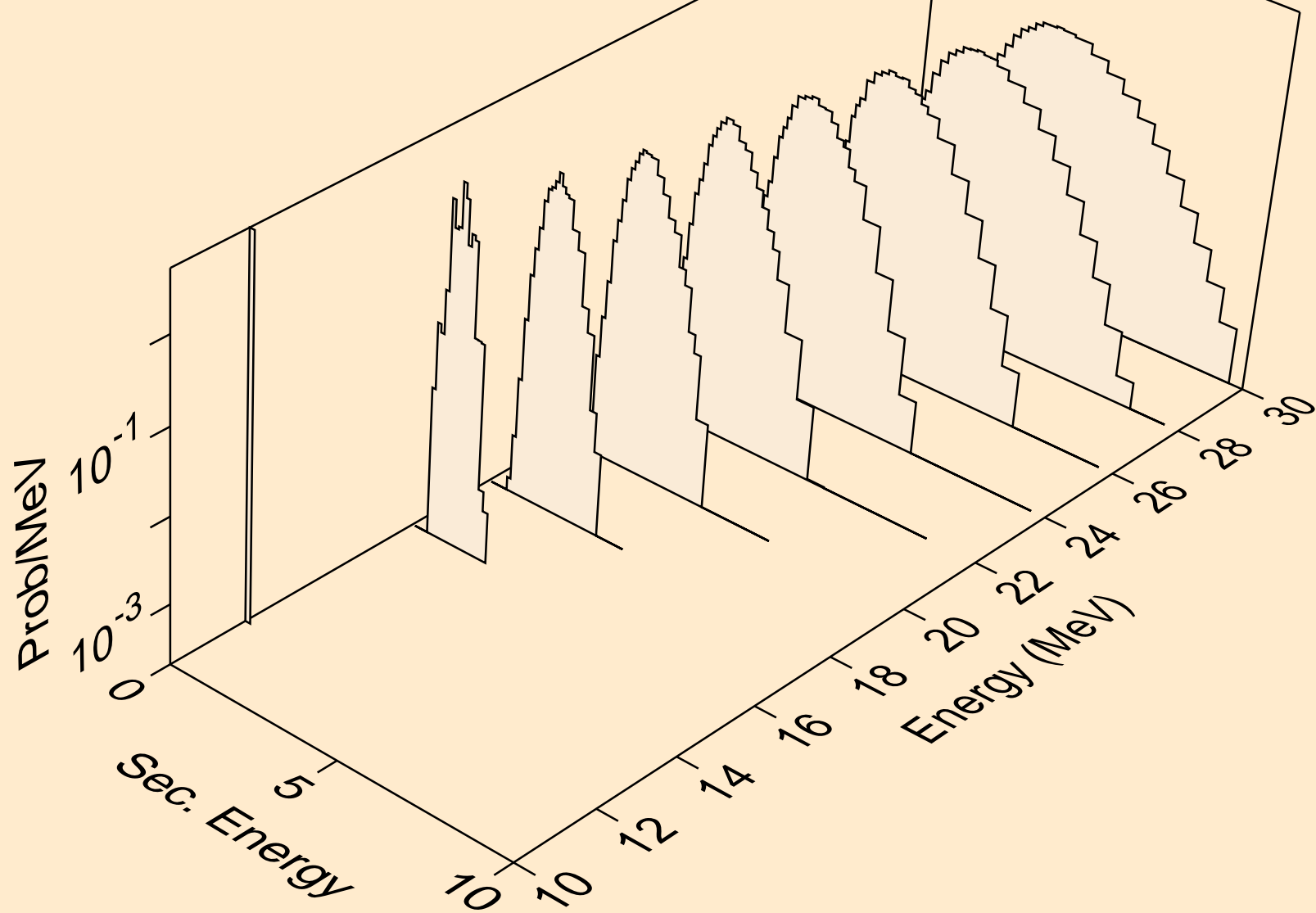




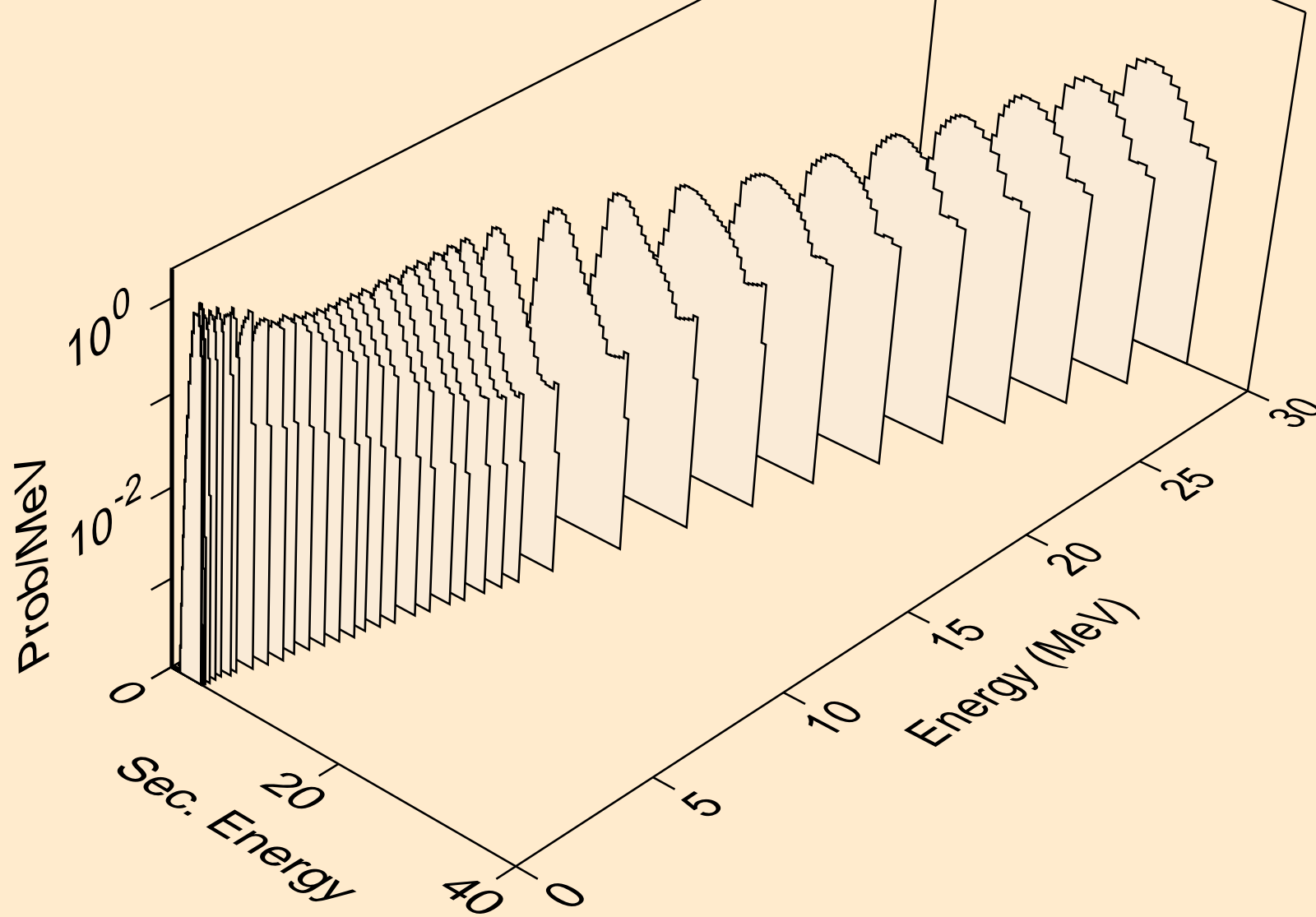
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protons from (n,2np)



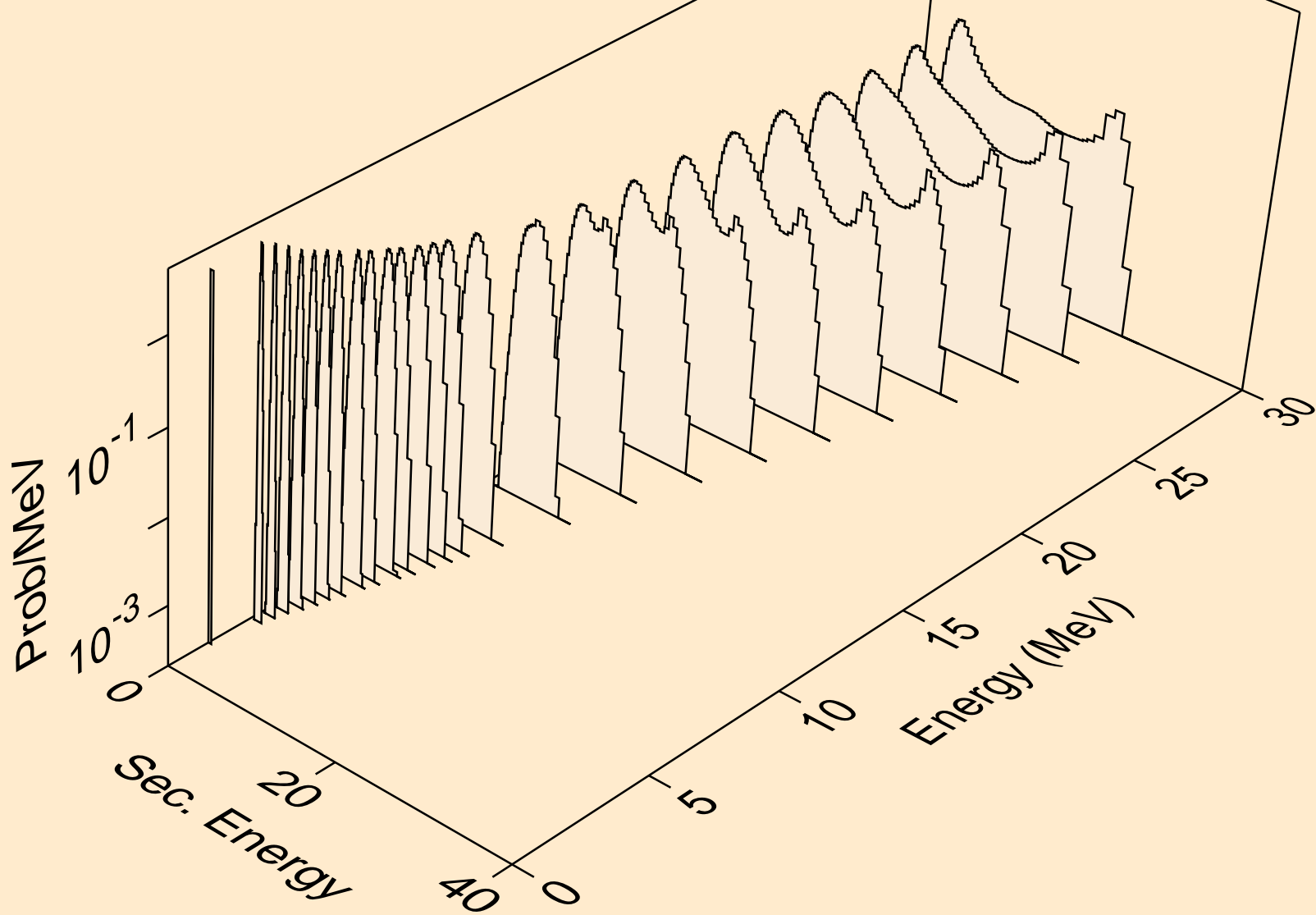
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protons from (n,npa)



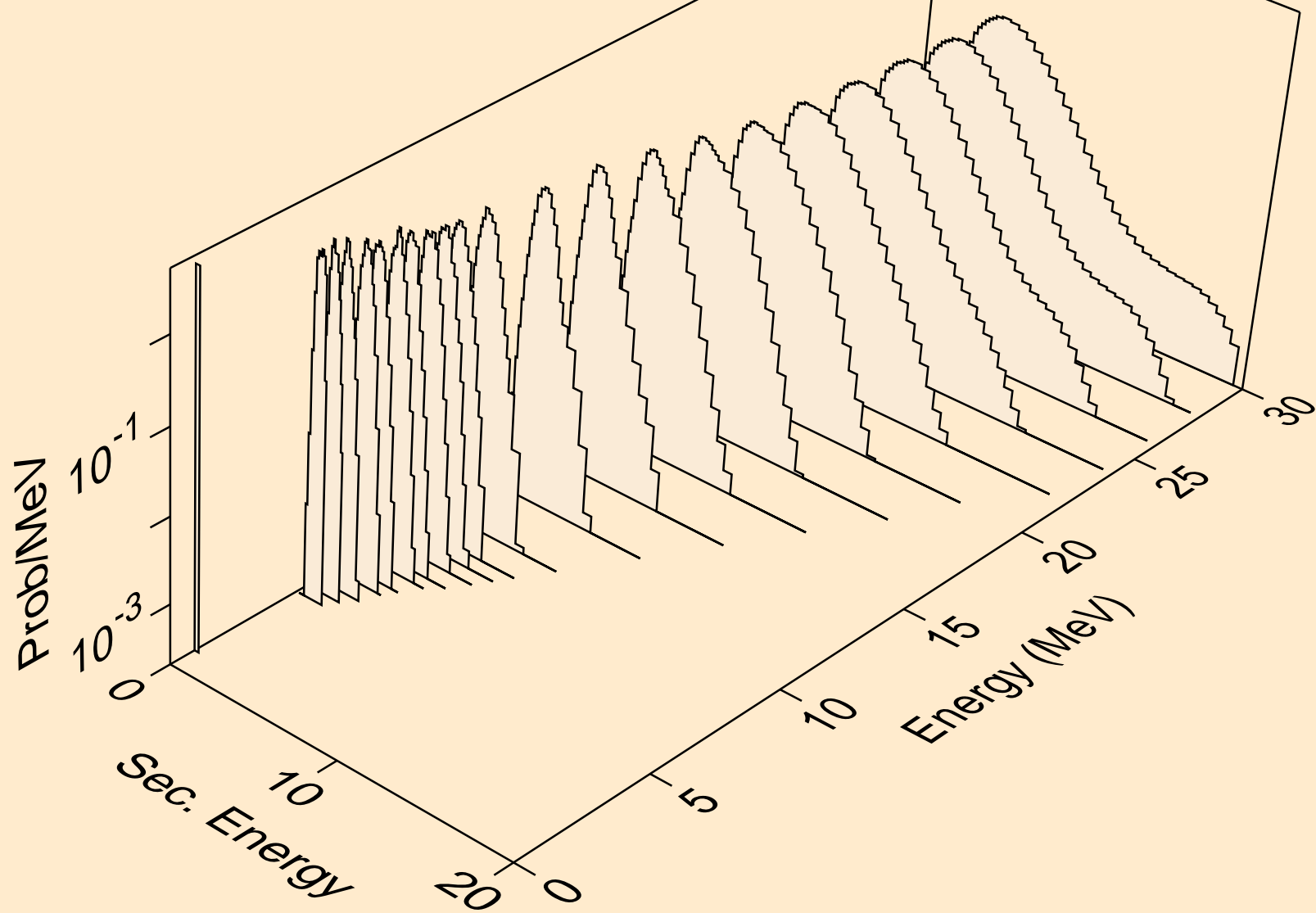
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protons from (n,p)



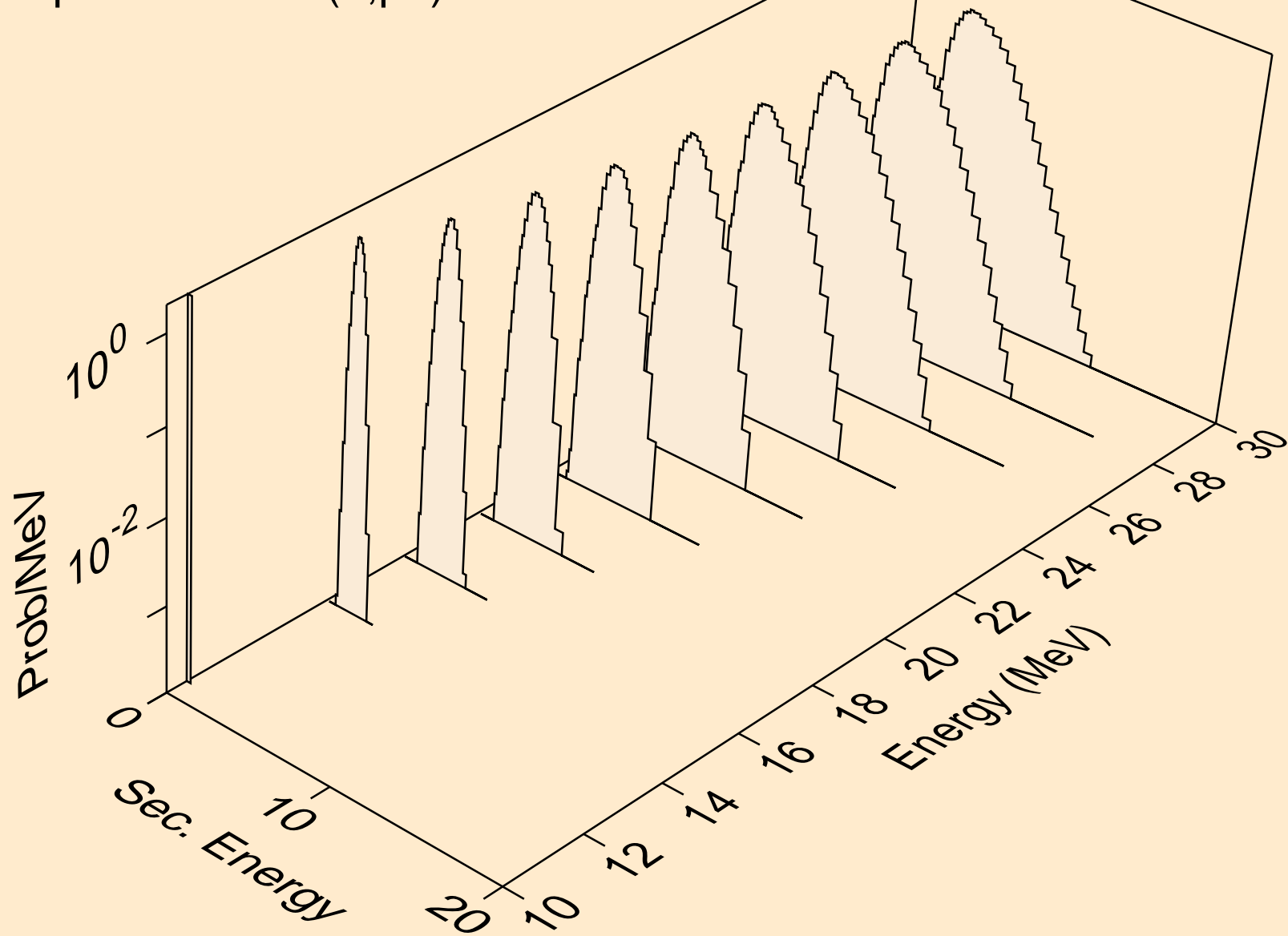
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protons from (n,2p)



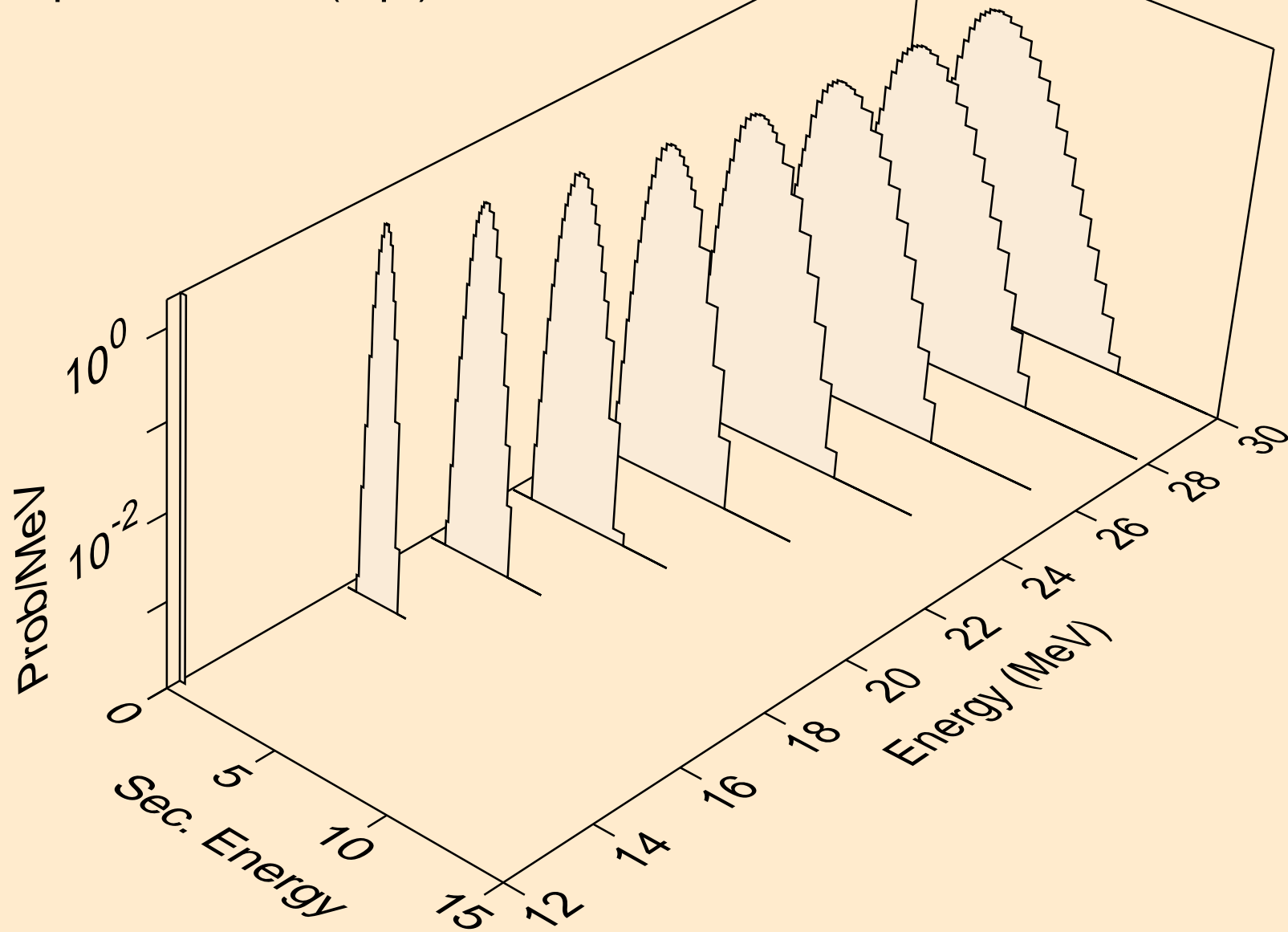
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protons from (n,p)



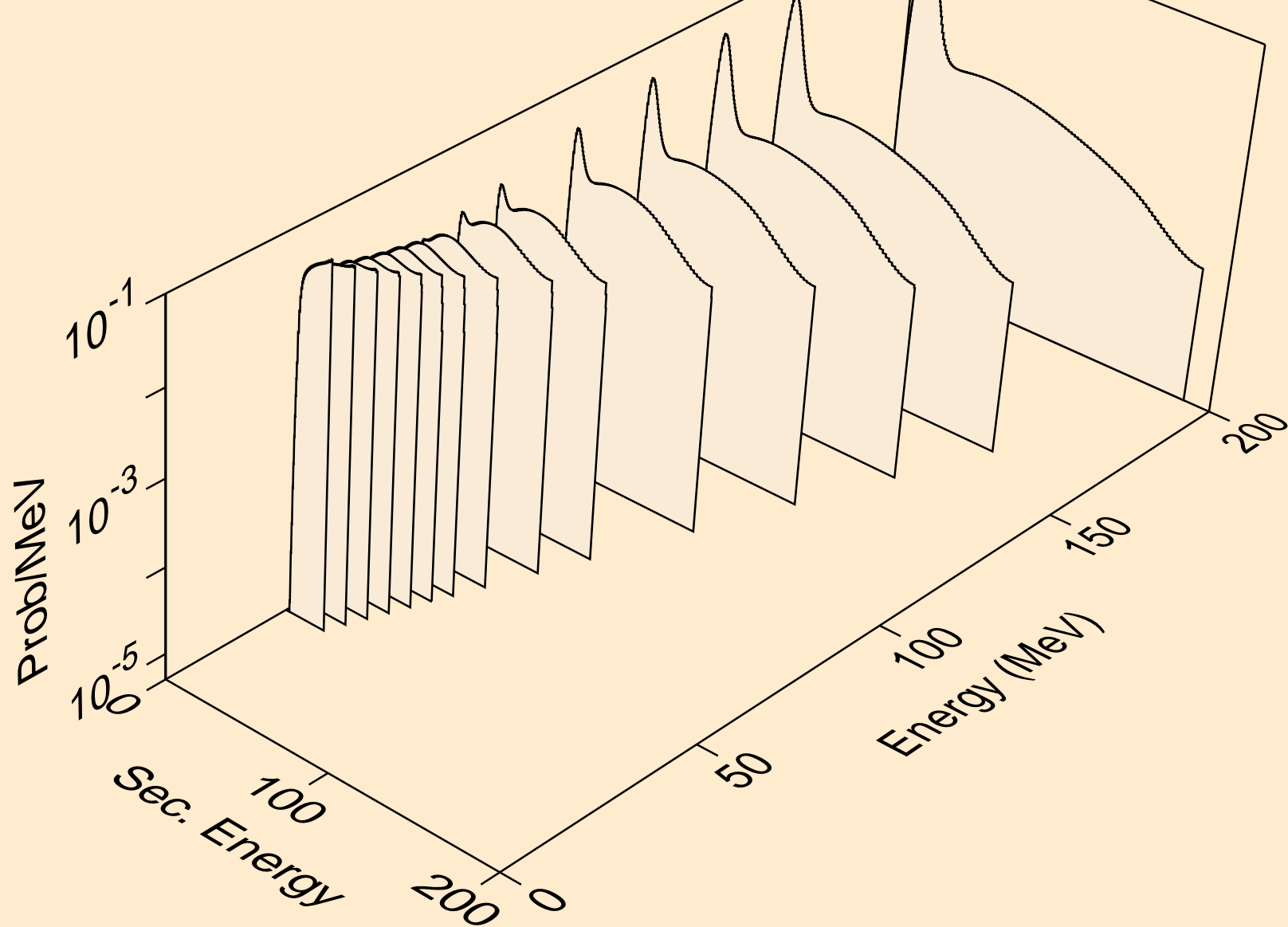
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

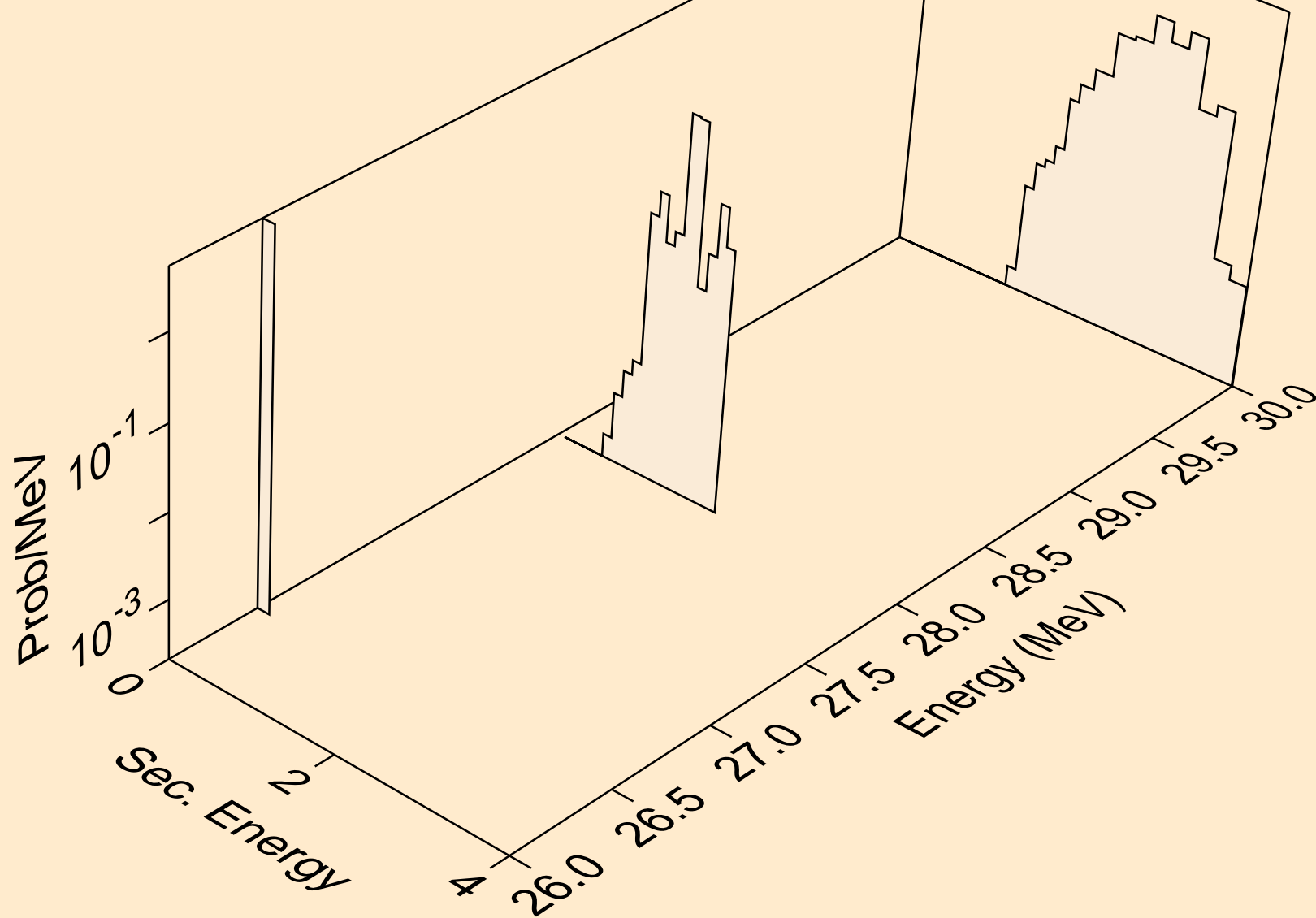


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deuterons from (n,x)

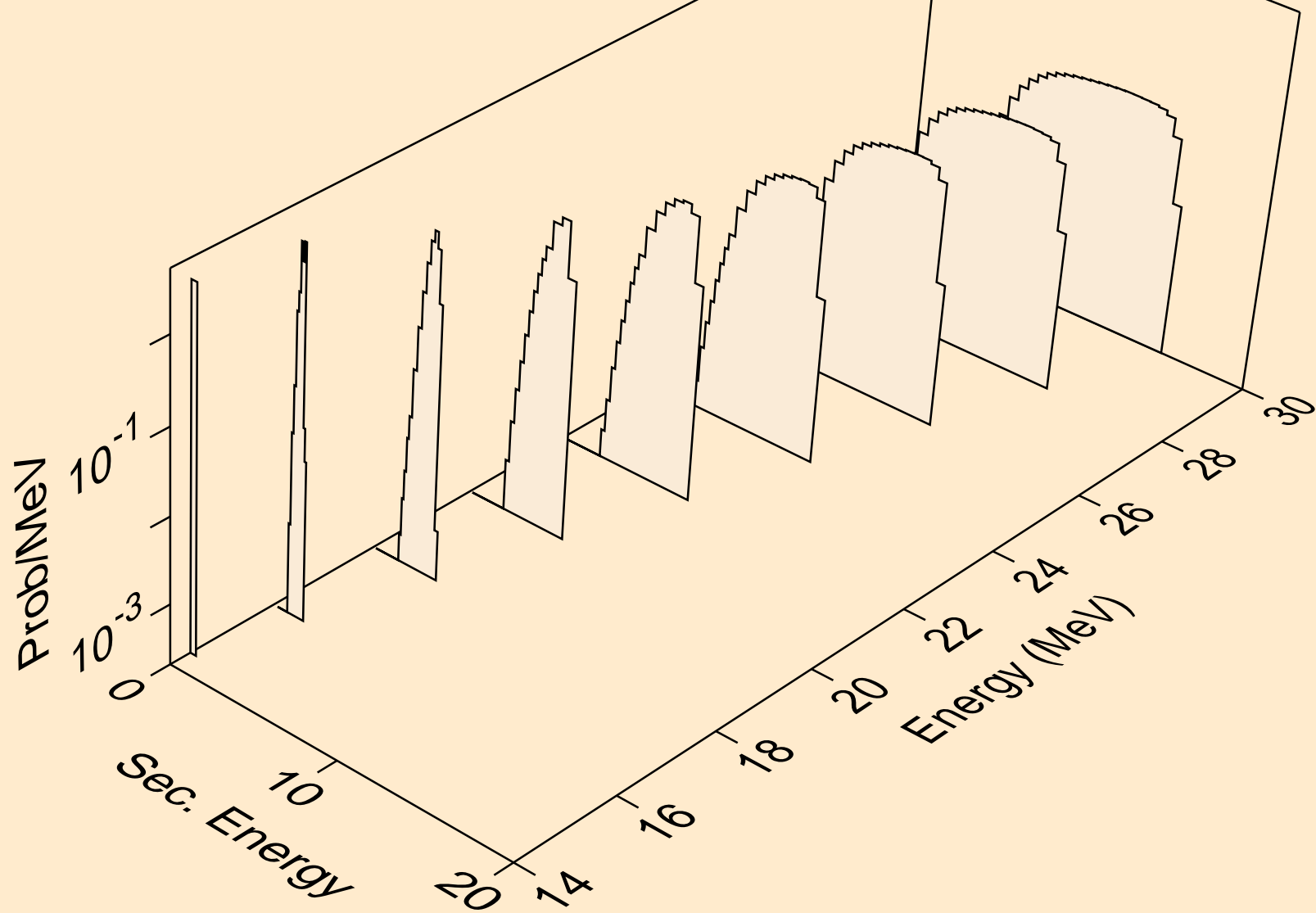




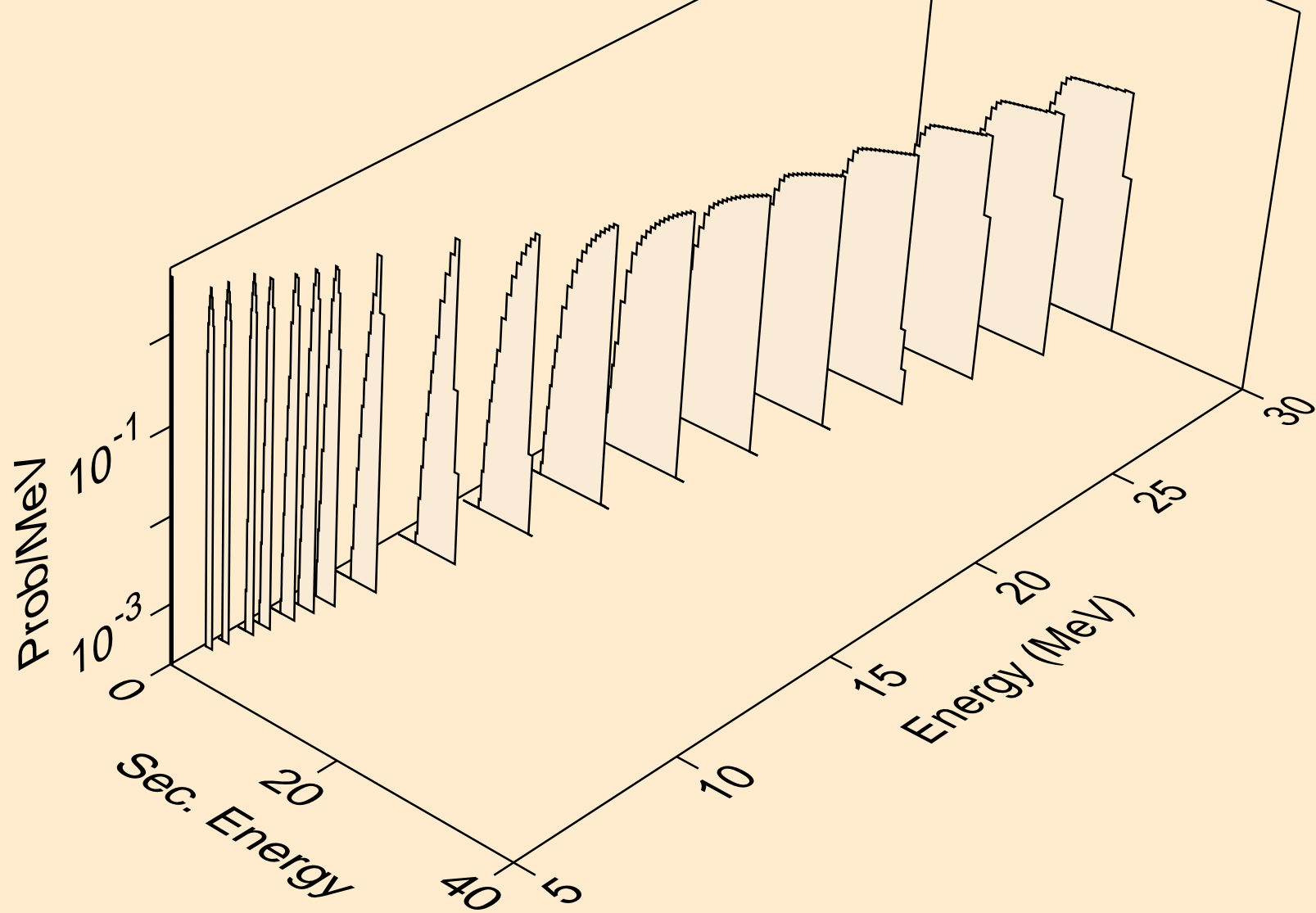
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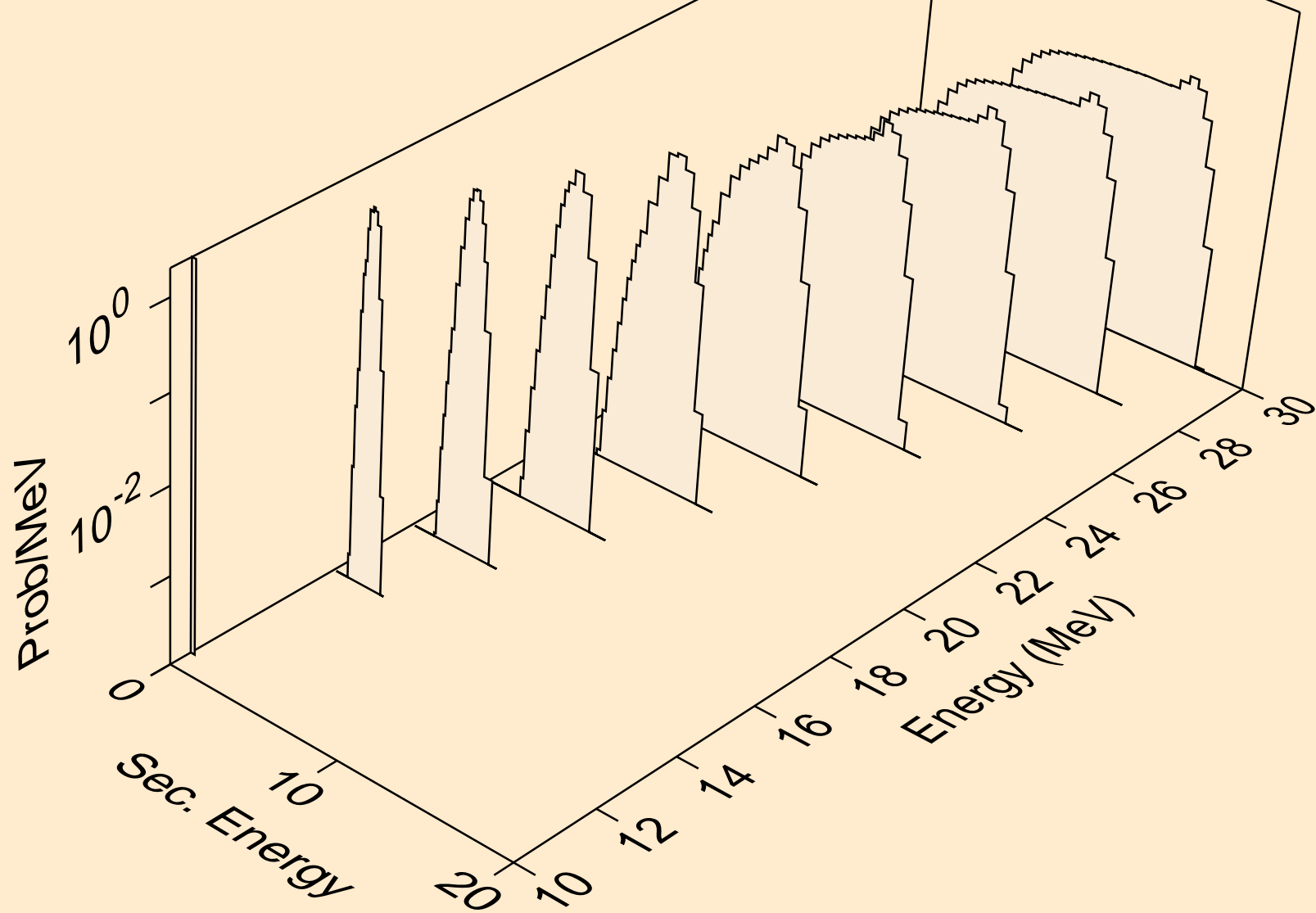
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deuterons from (n,n\*)d



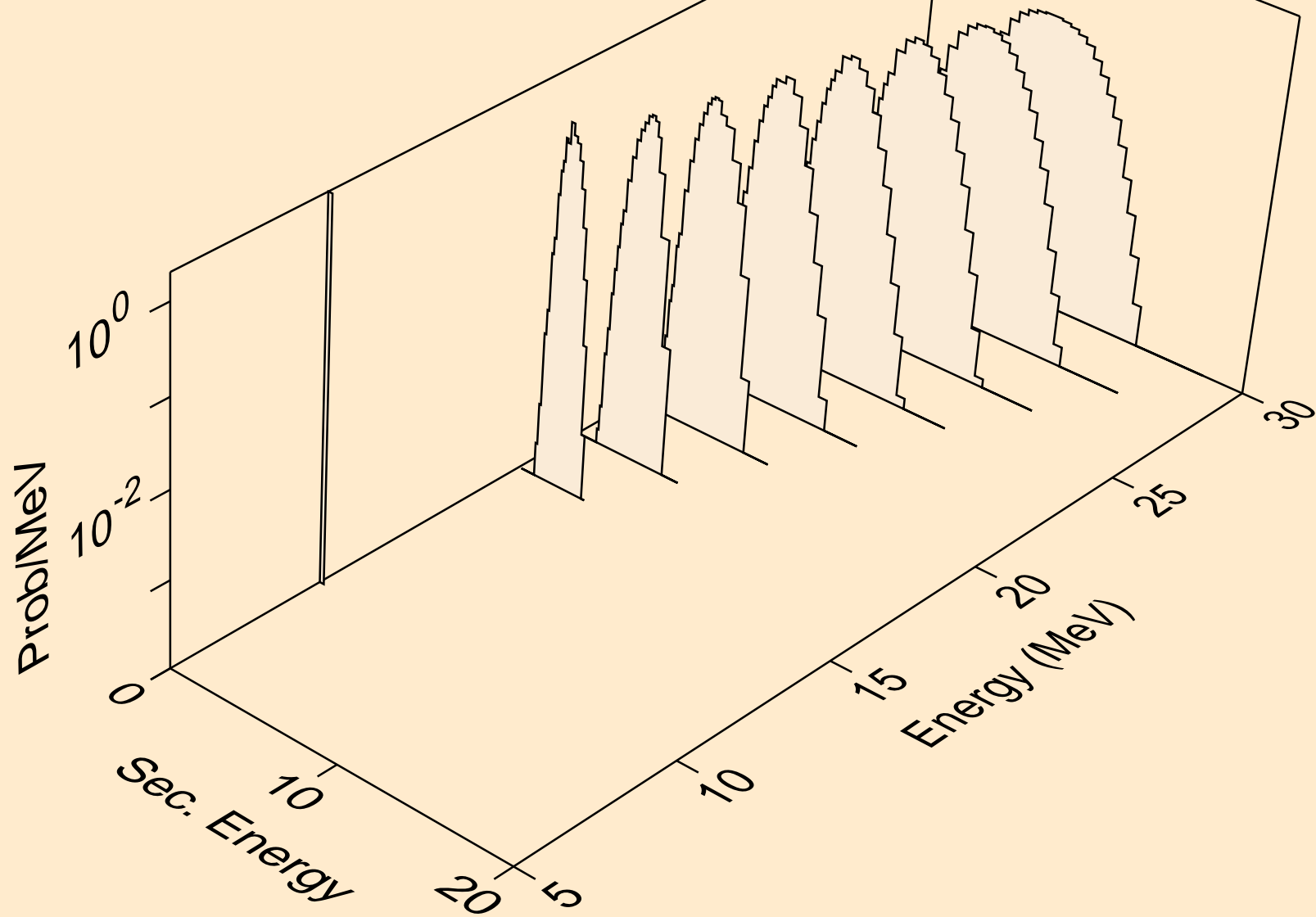
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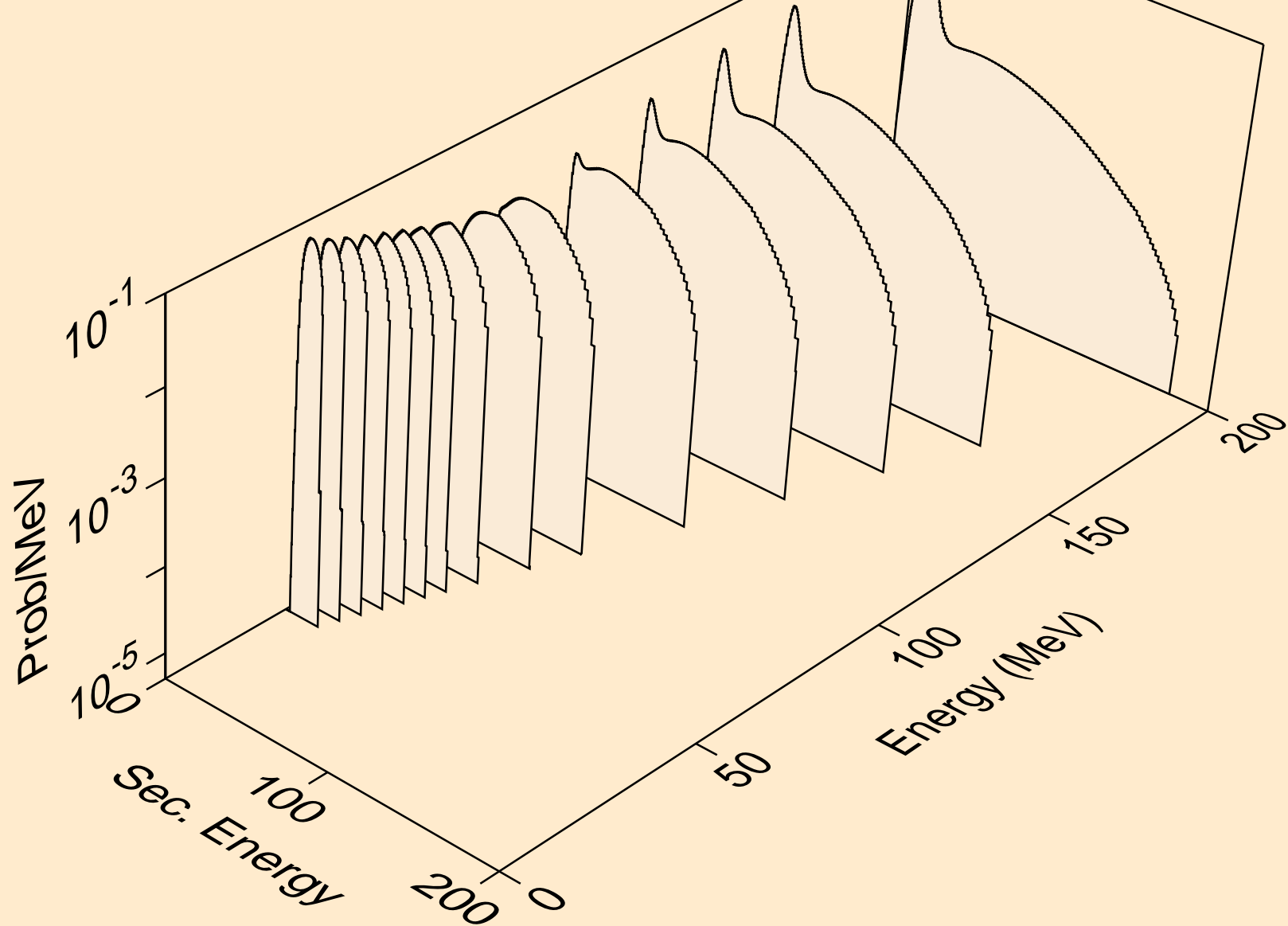
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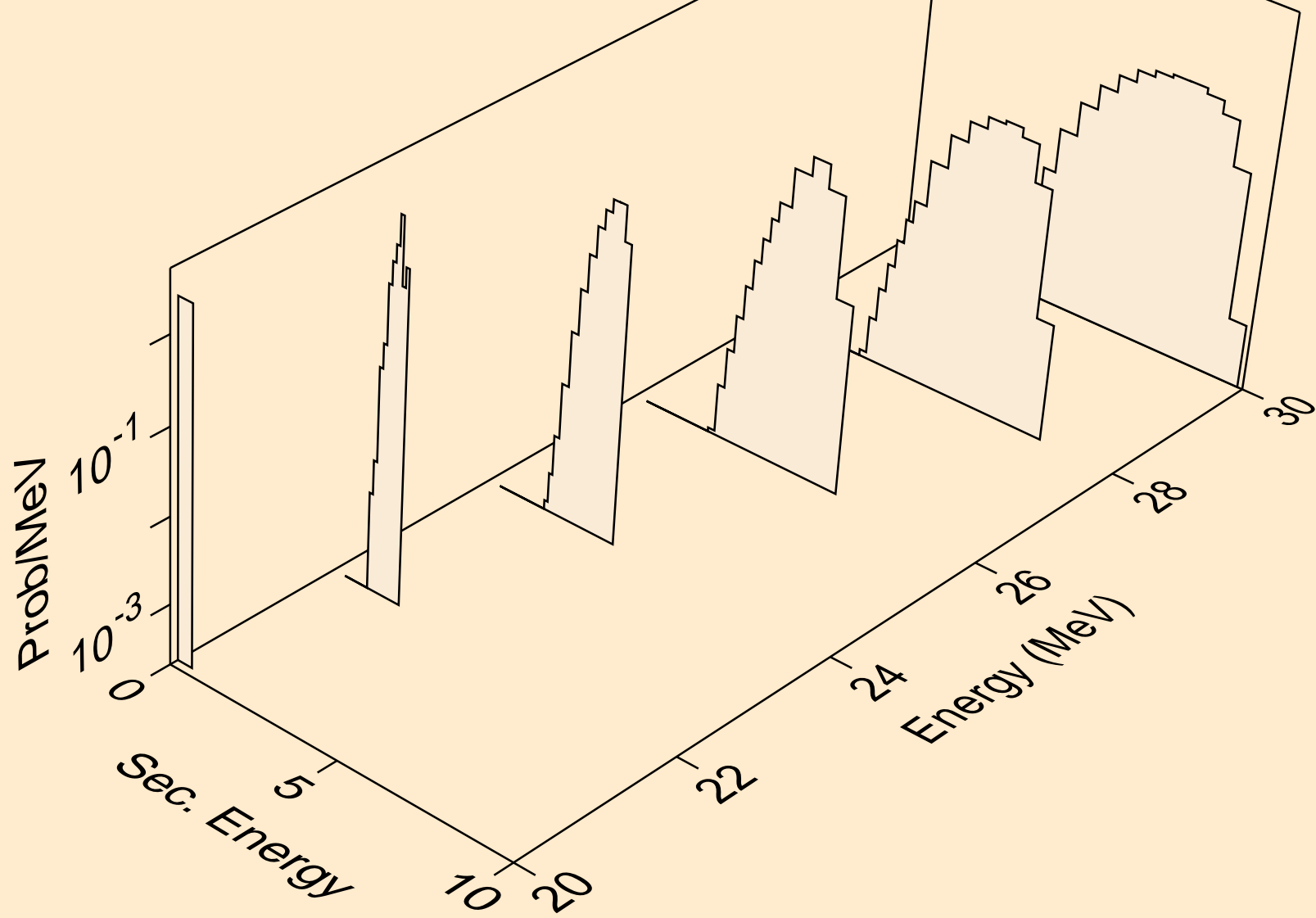
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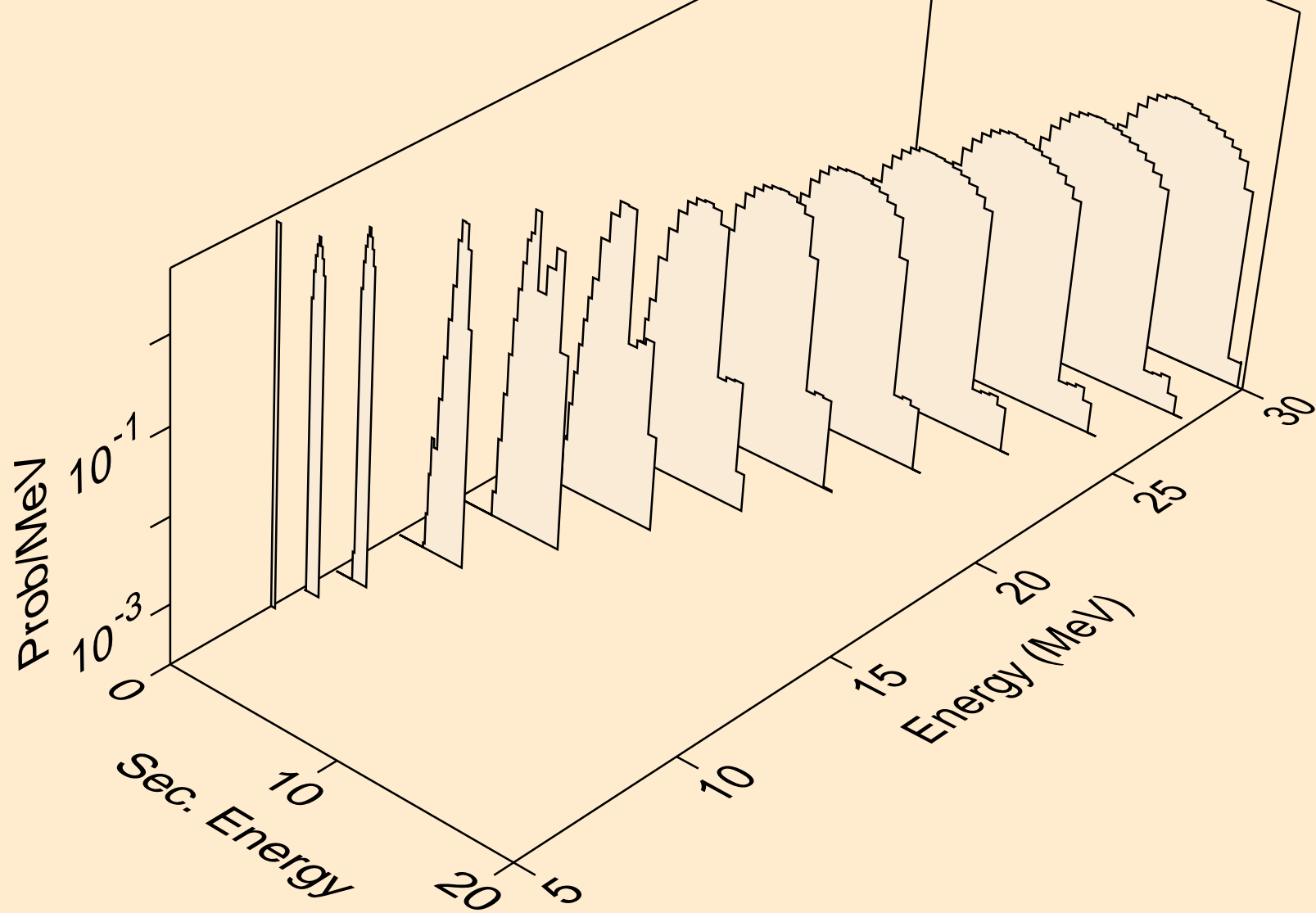
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

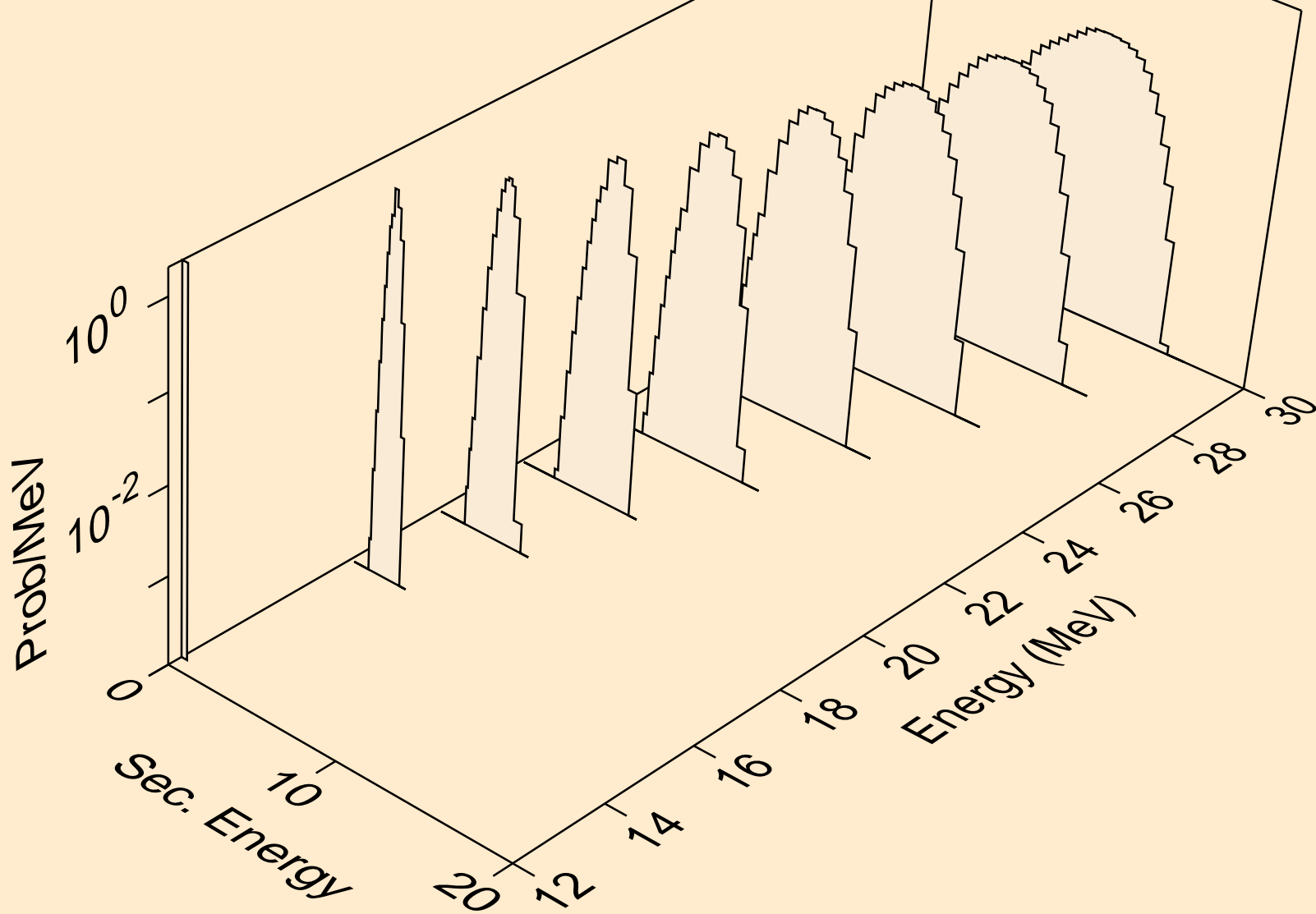


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tritons from (n,t)

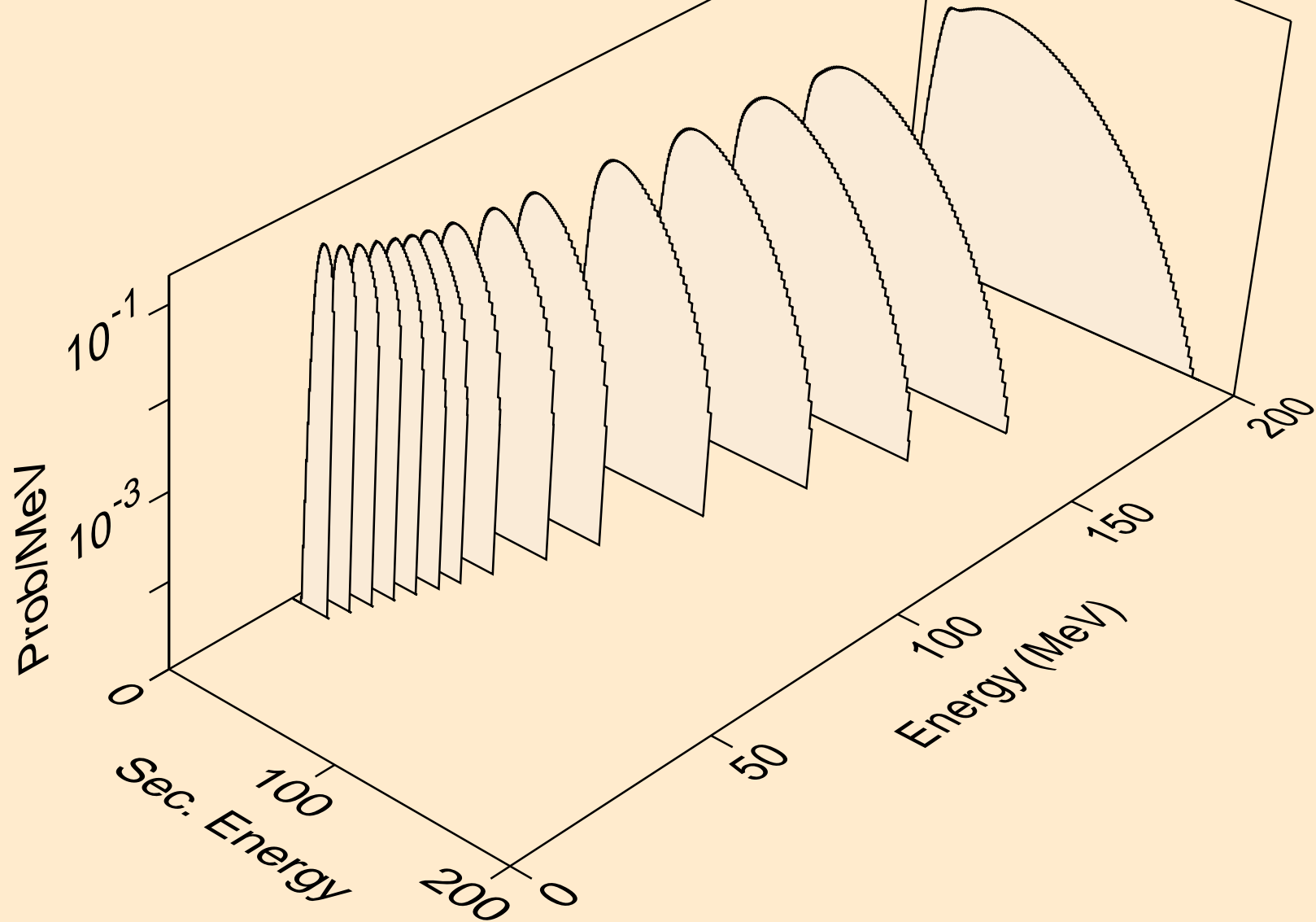




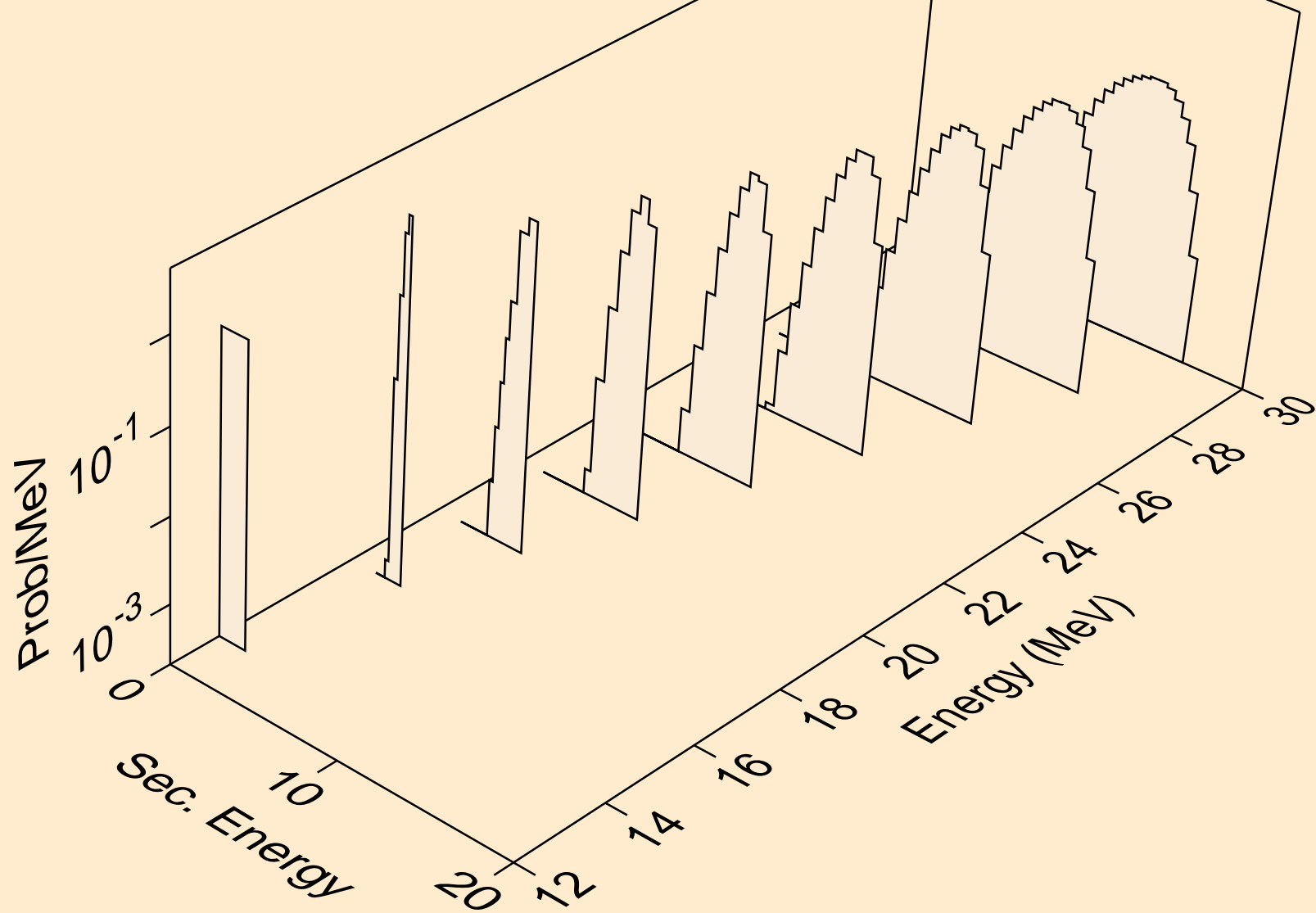
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tritons from (n,pt)



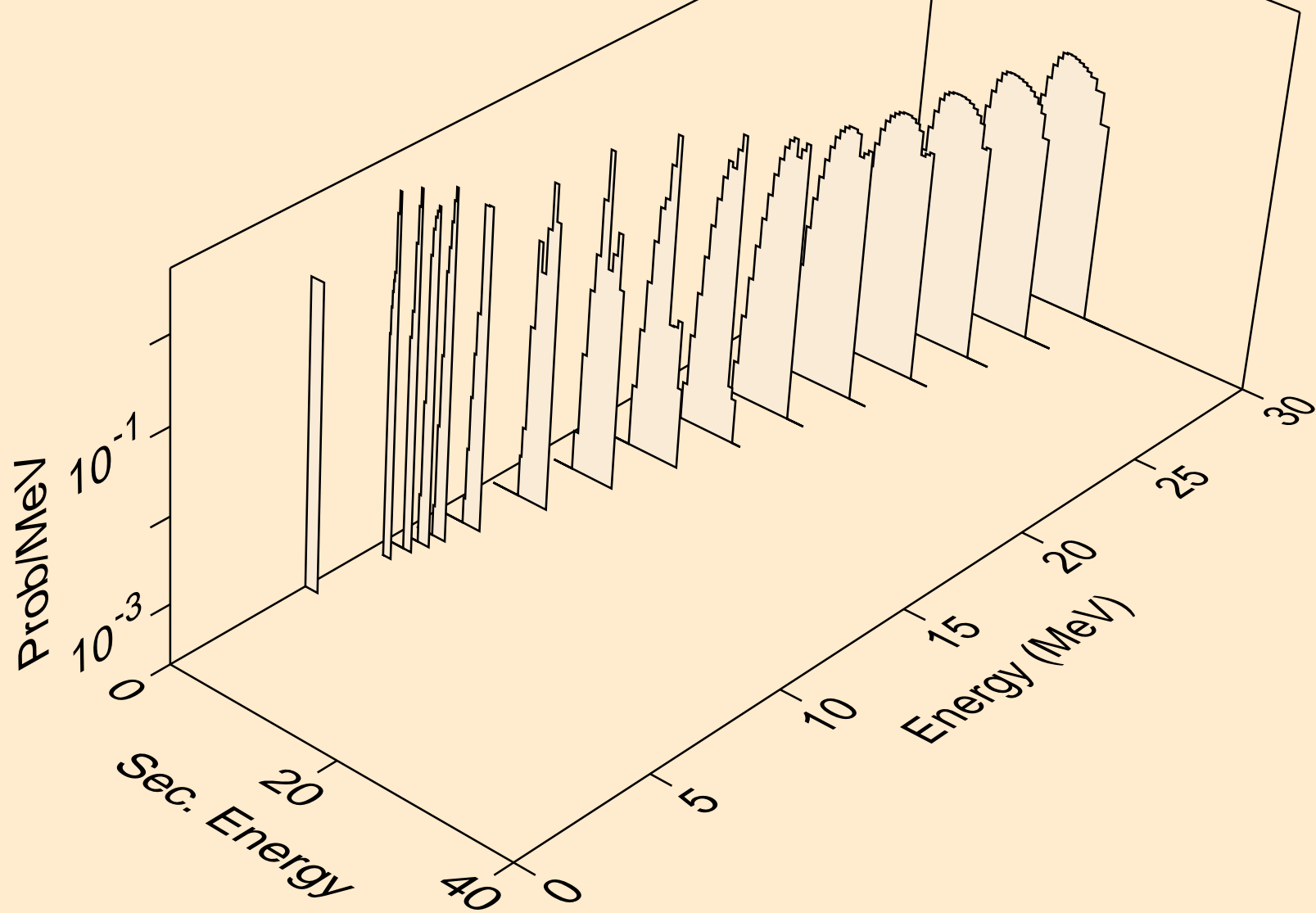
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he3s from (n,x)



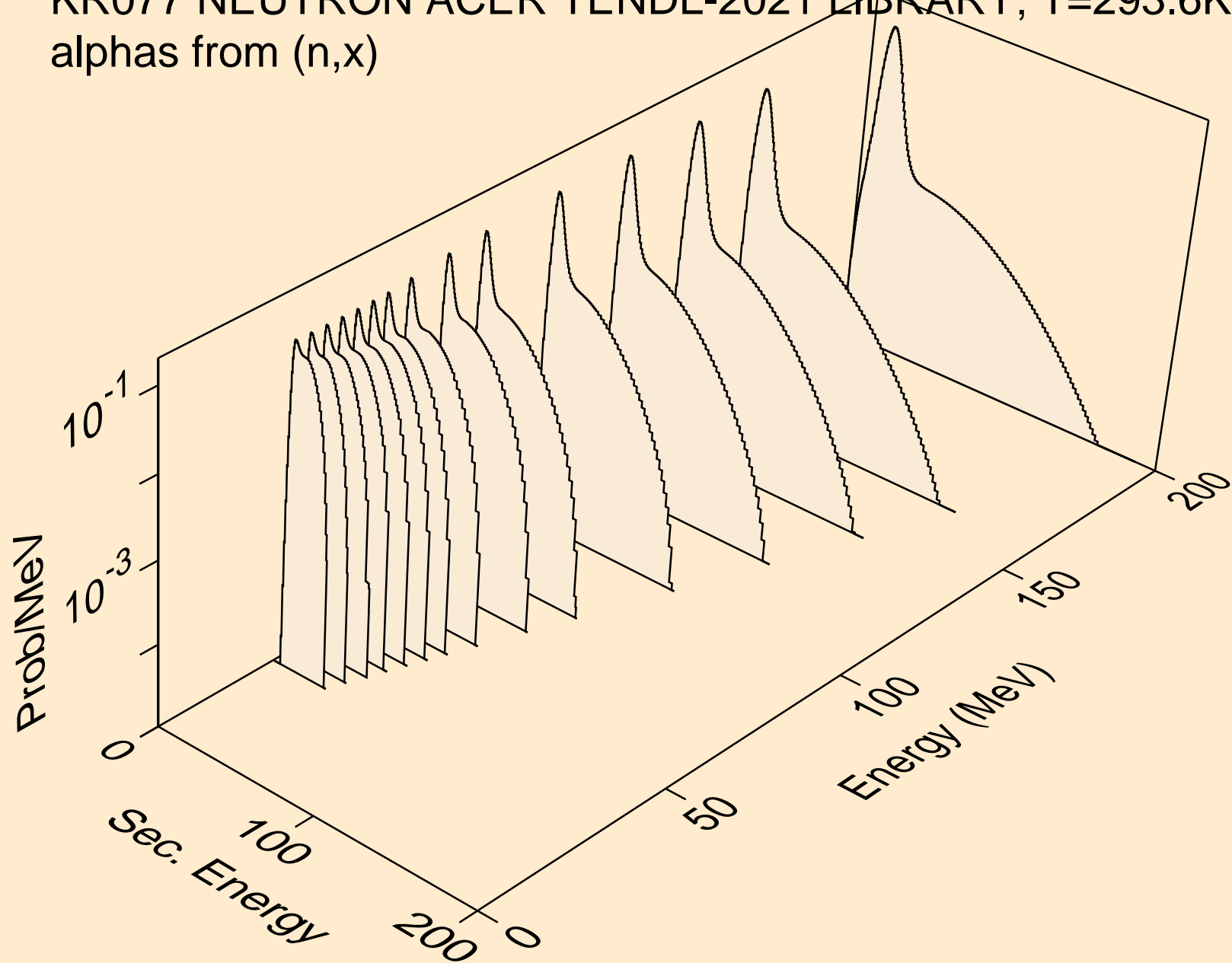
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he3s from (n,n\*)he3



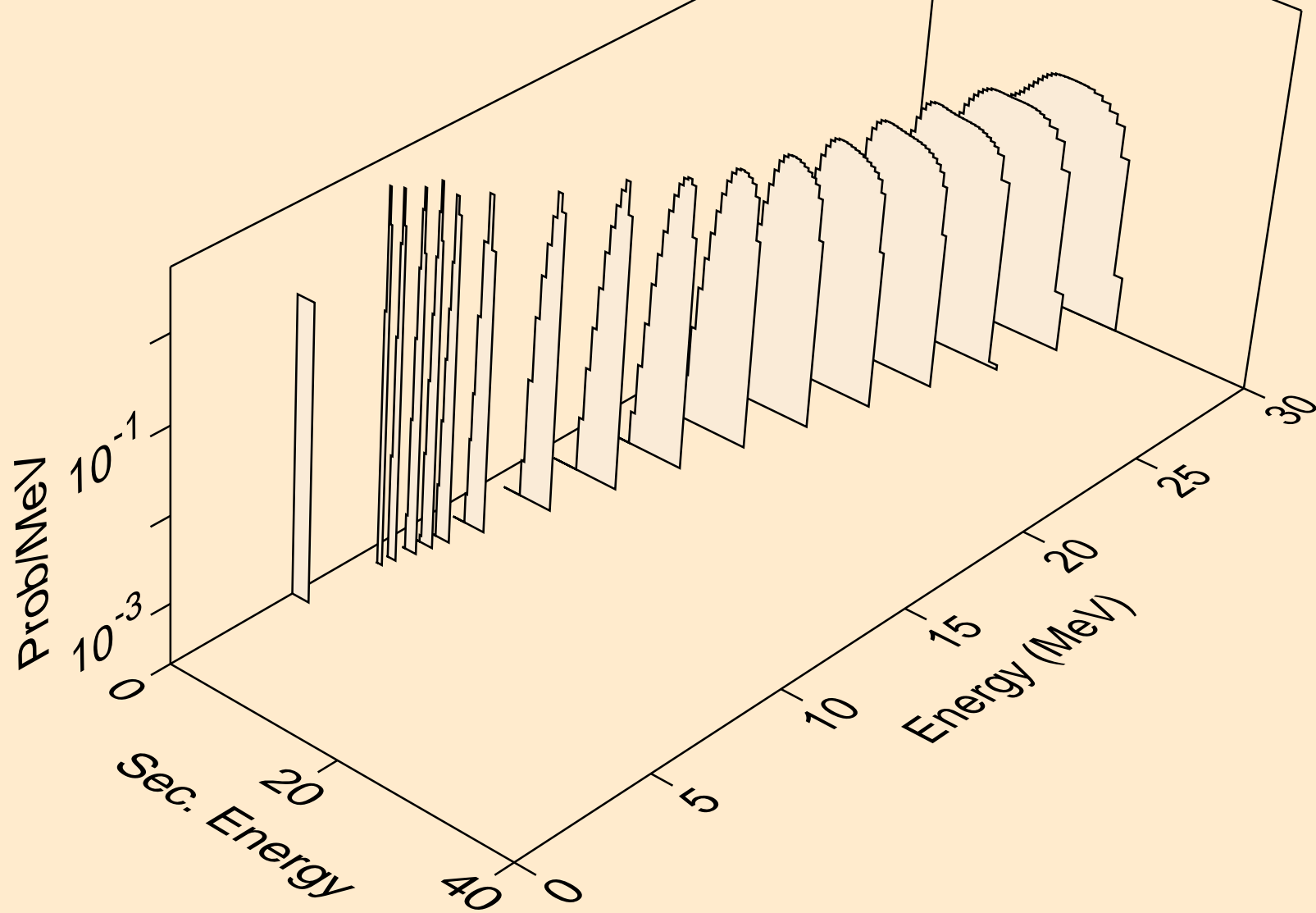
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he3s from (n,he3)



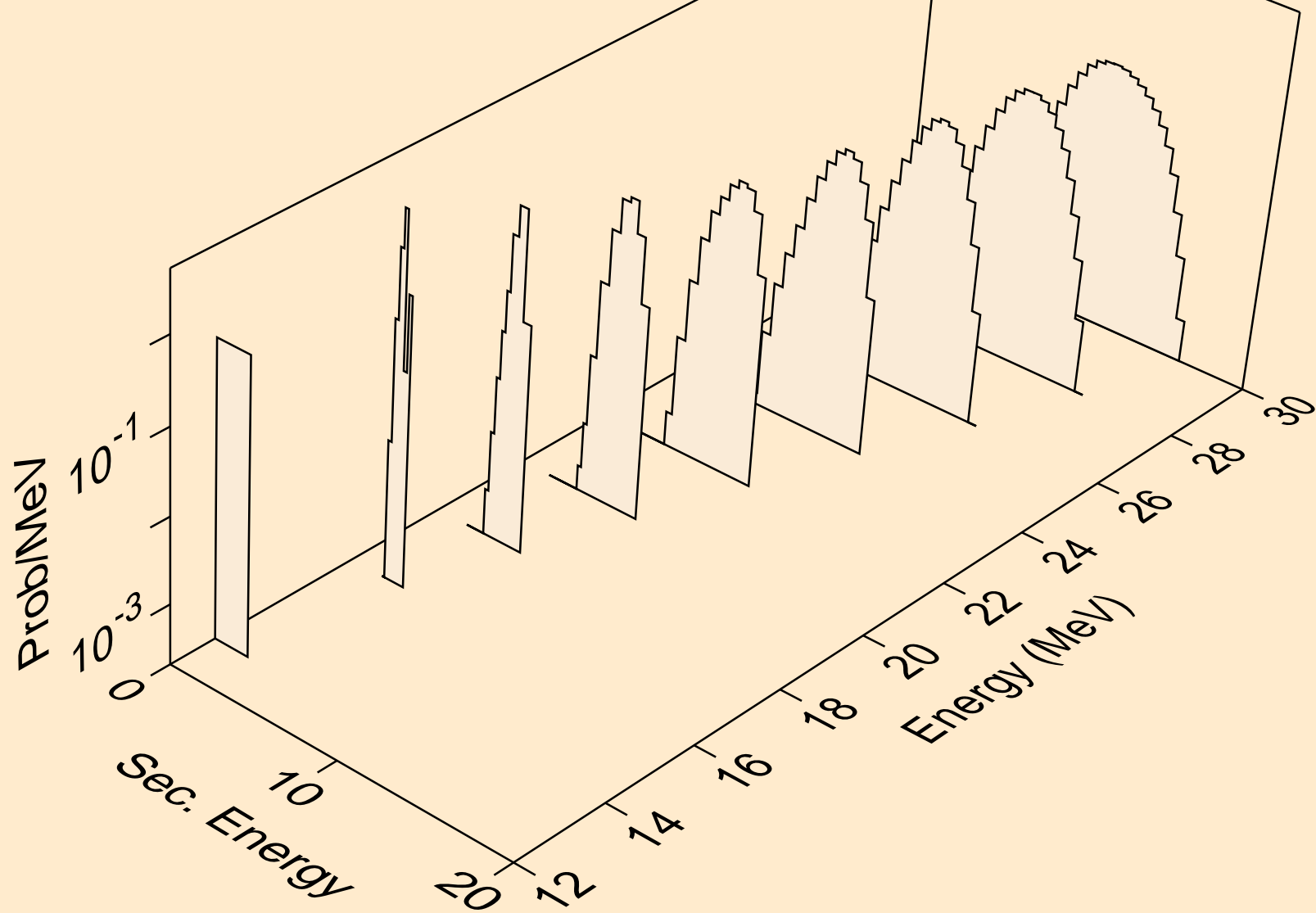
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alphas from (n,x)



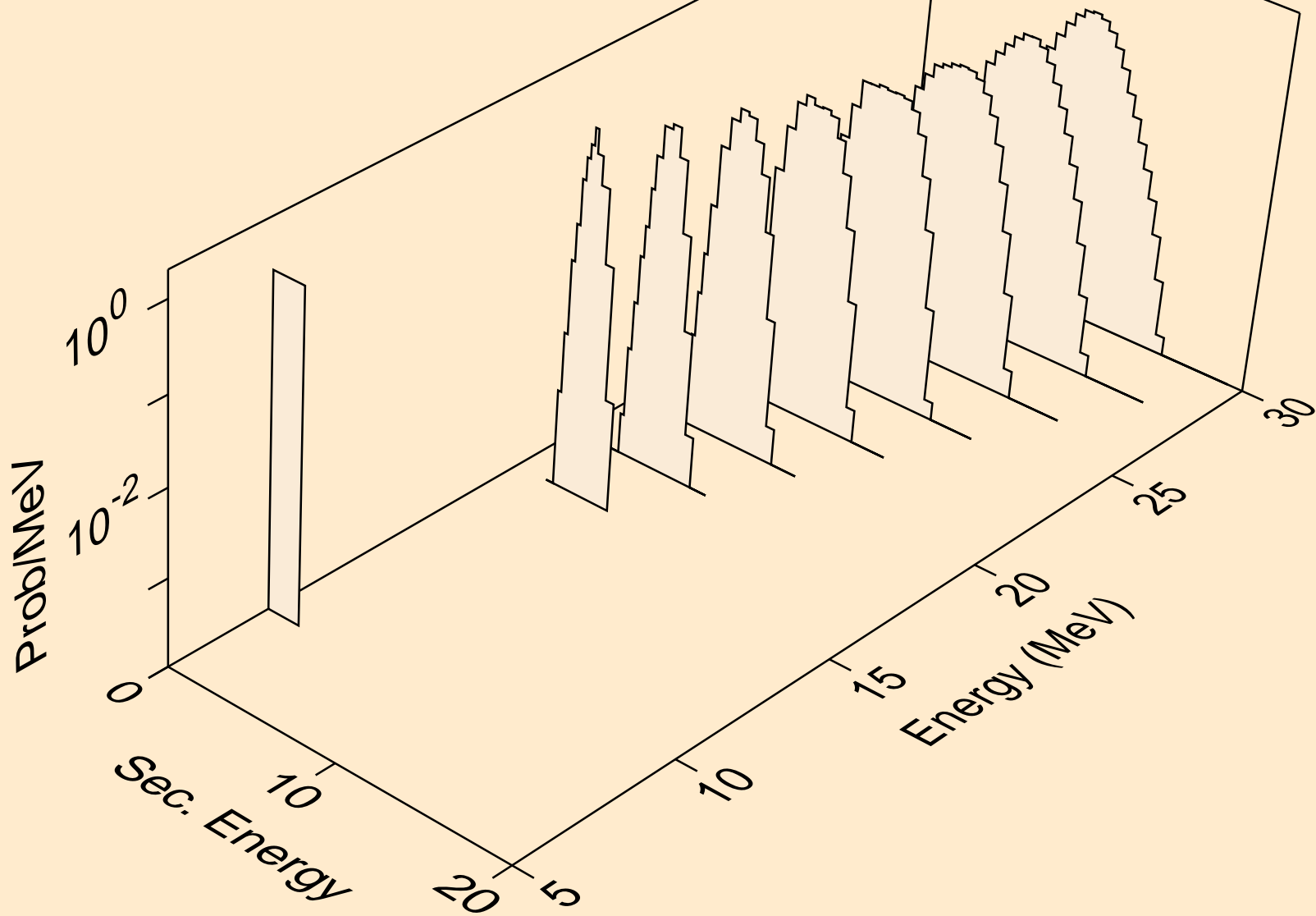
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alphas from (n,n\*)a



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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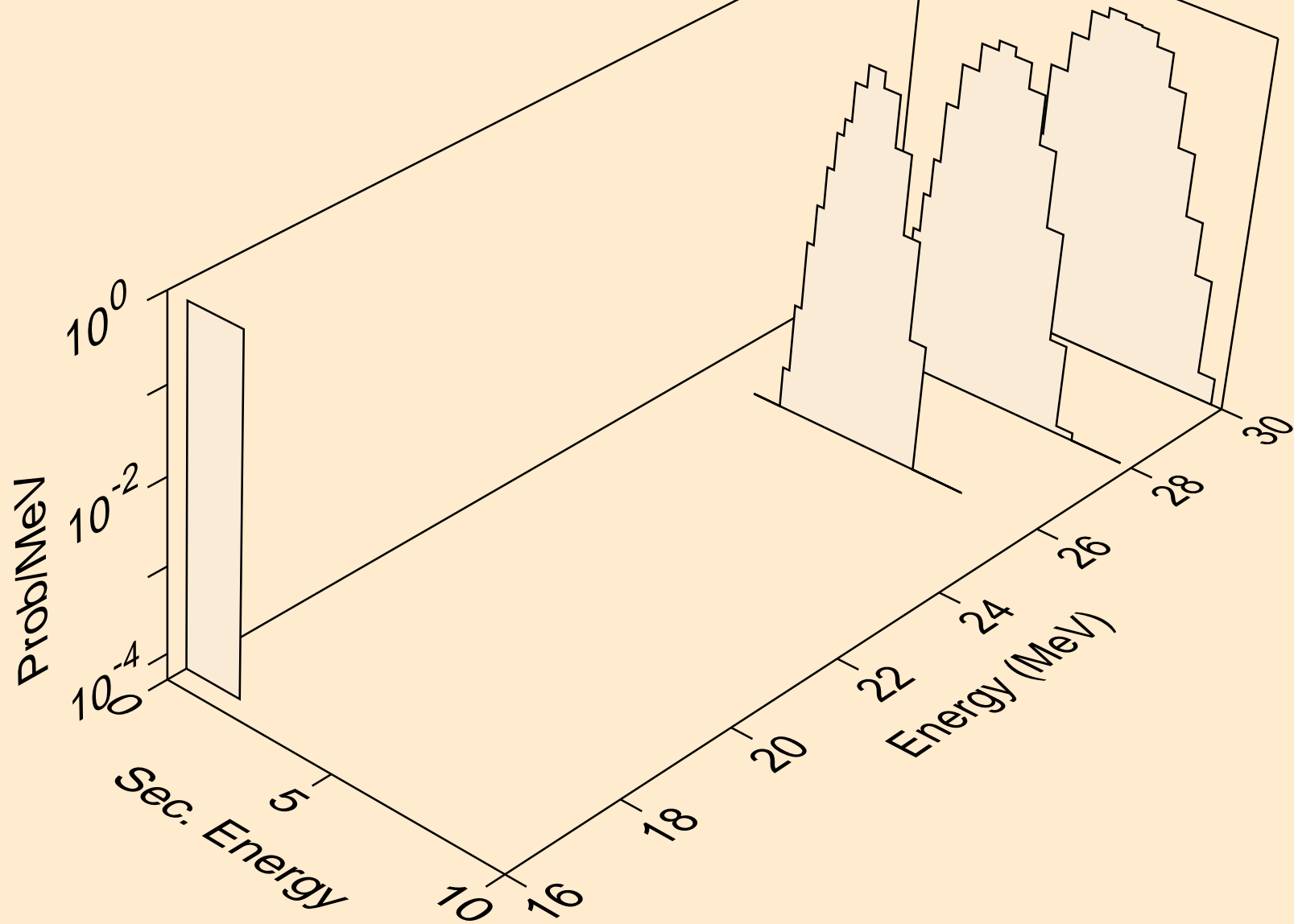


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alphas from (n,n\*)2a

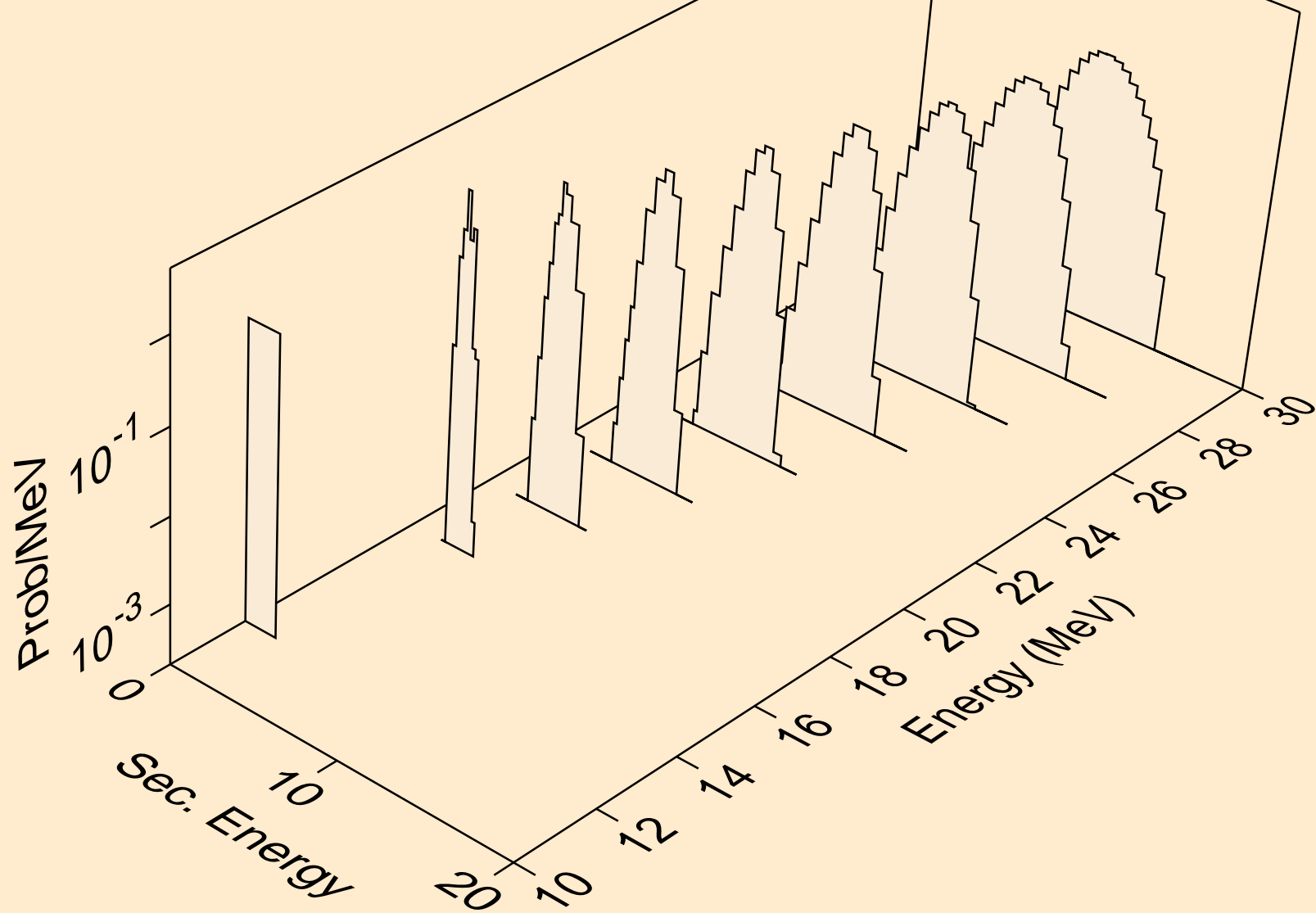




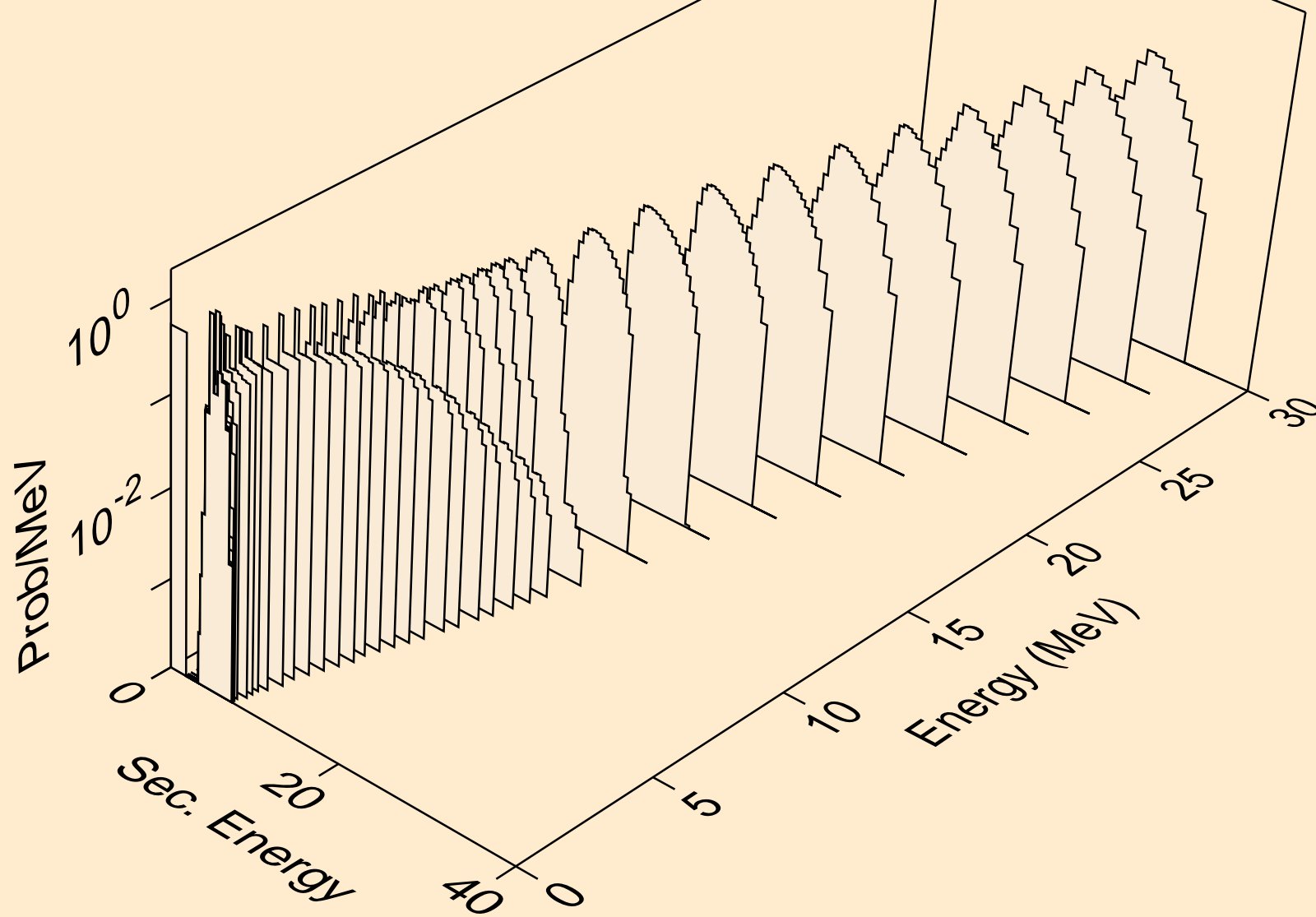
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



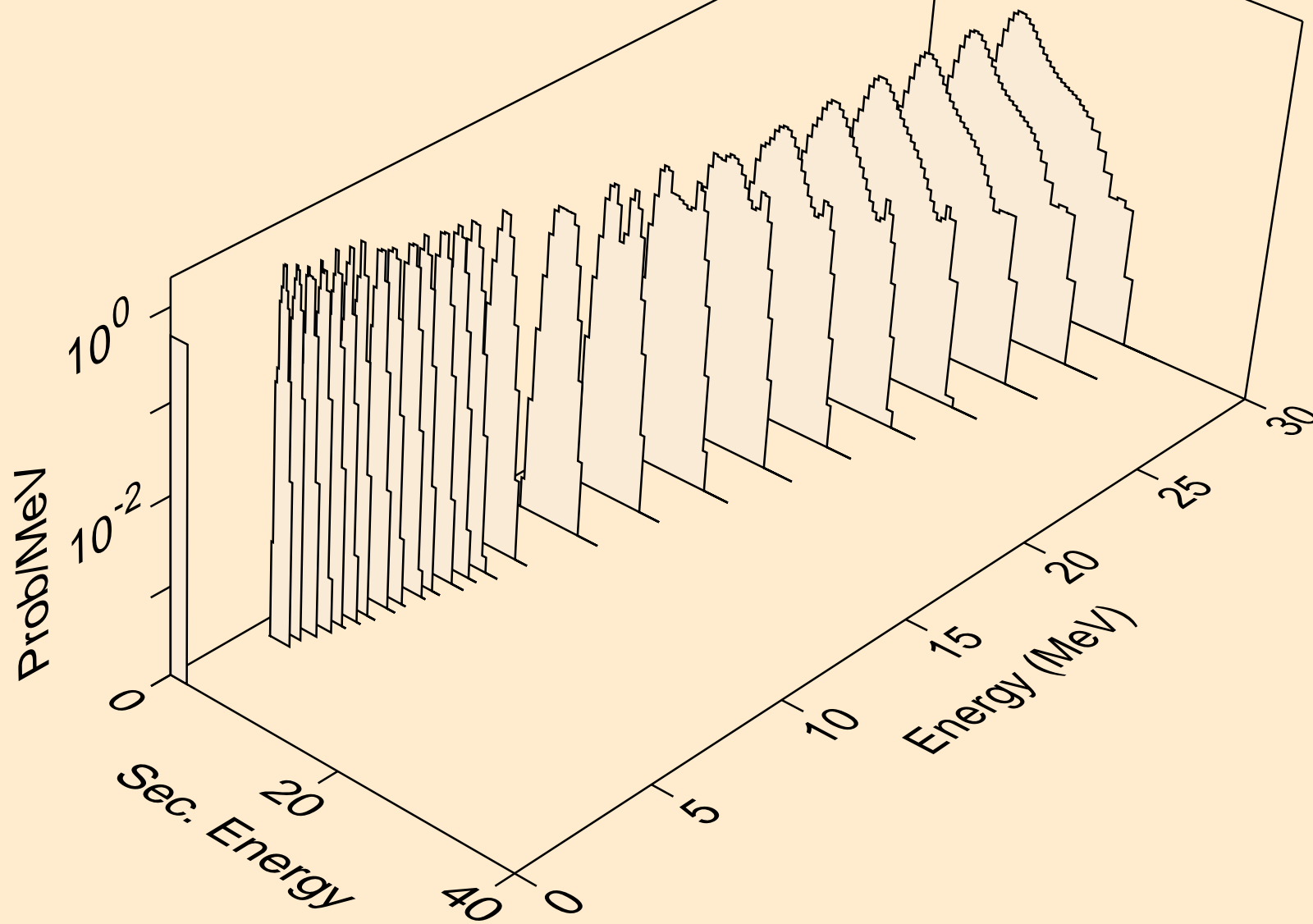
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



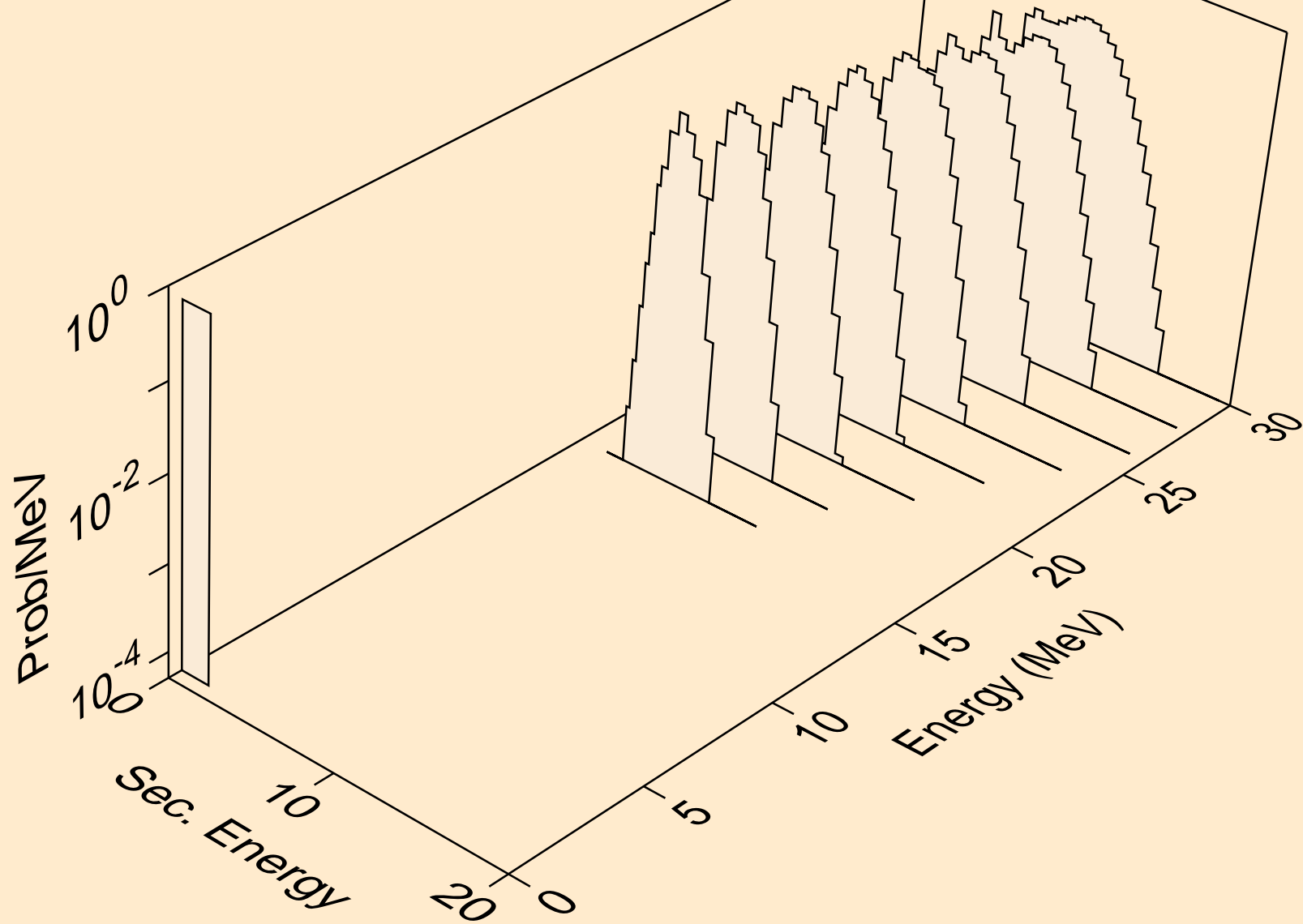
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alphas from (n,a)



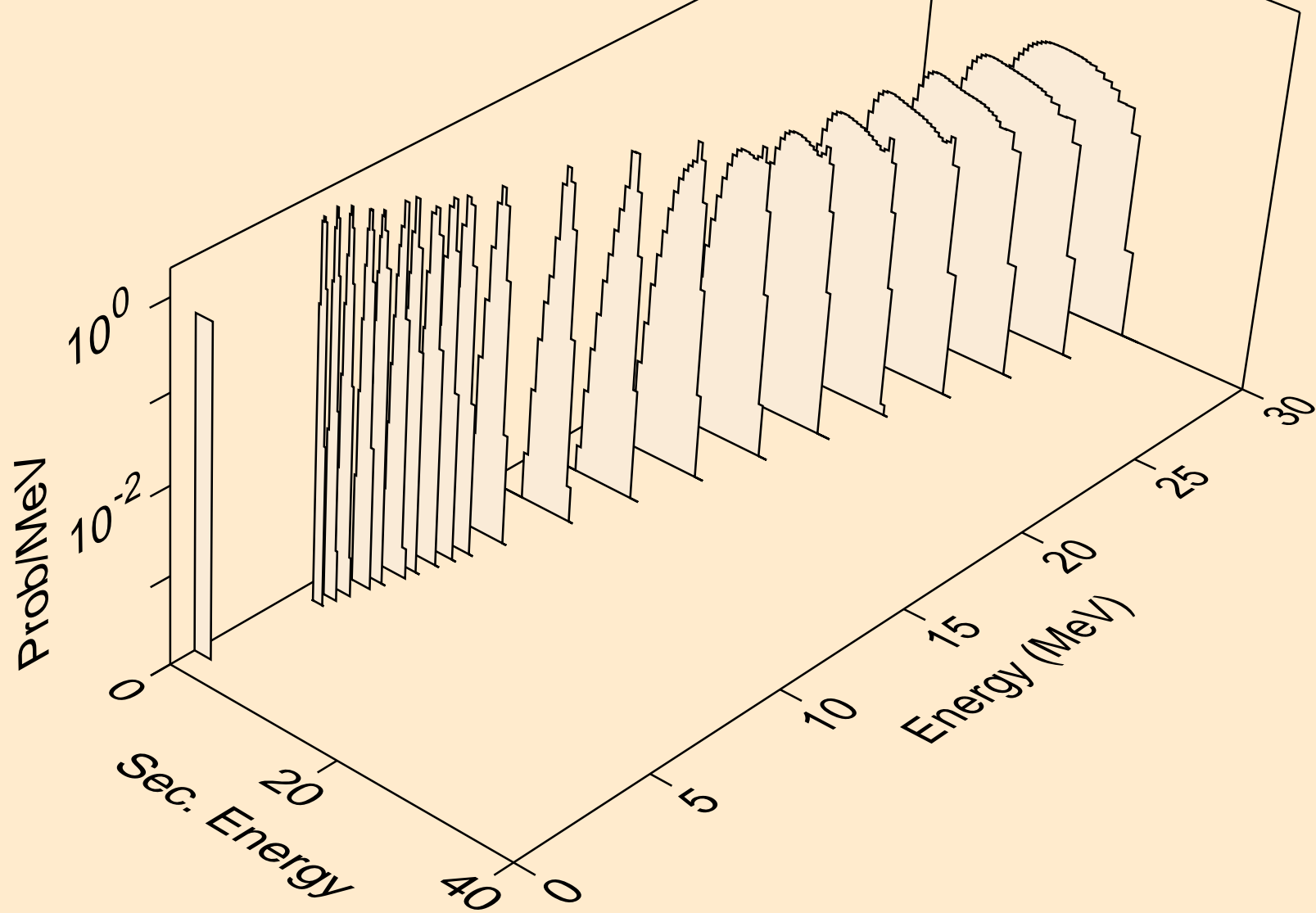
KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



KR077 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

