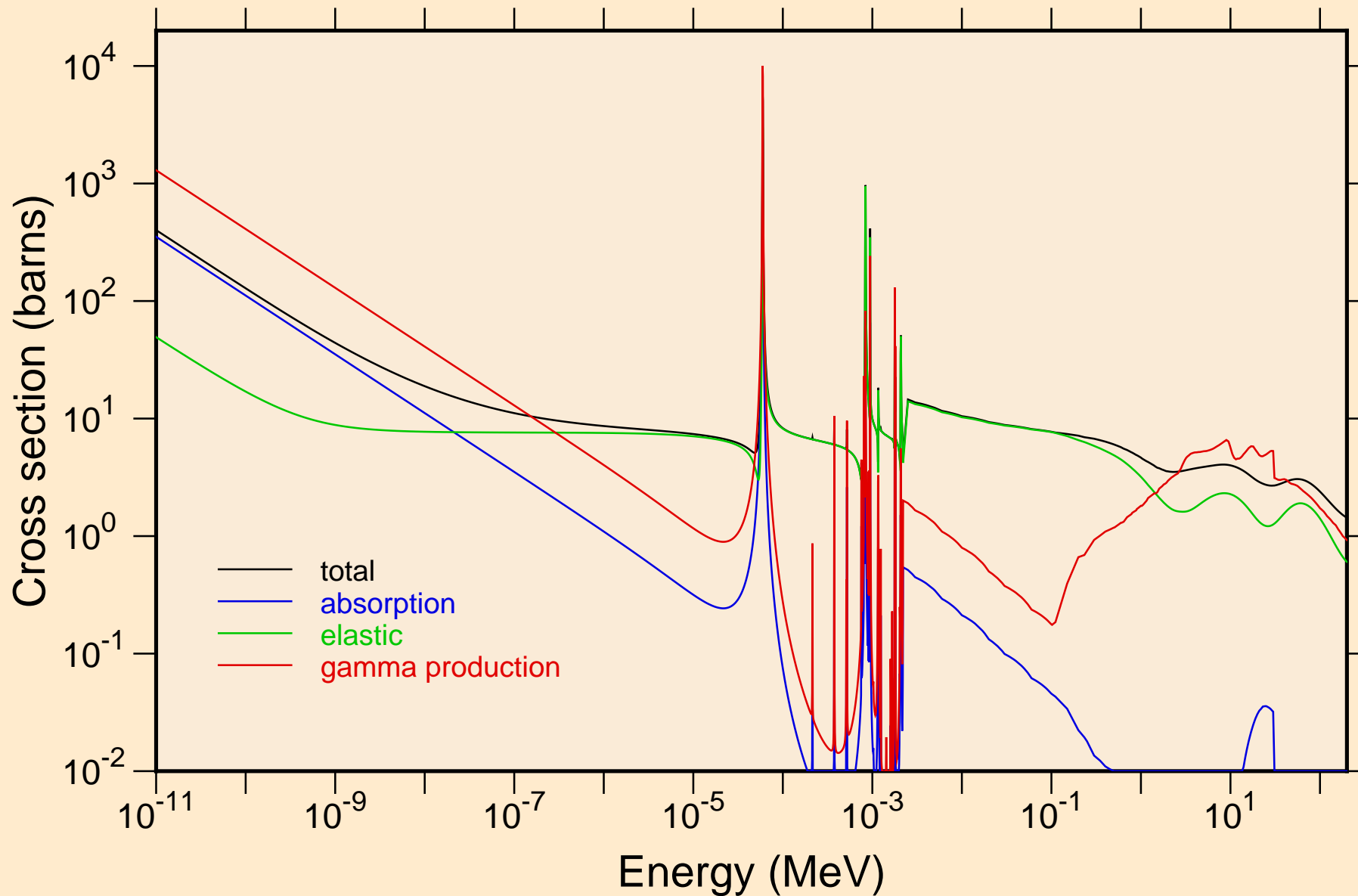
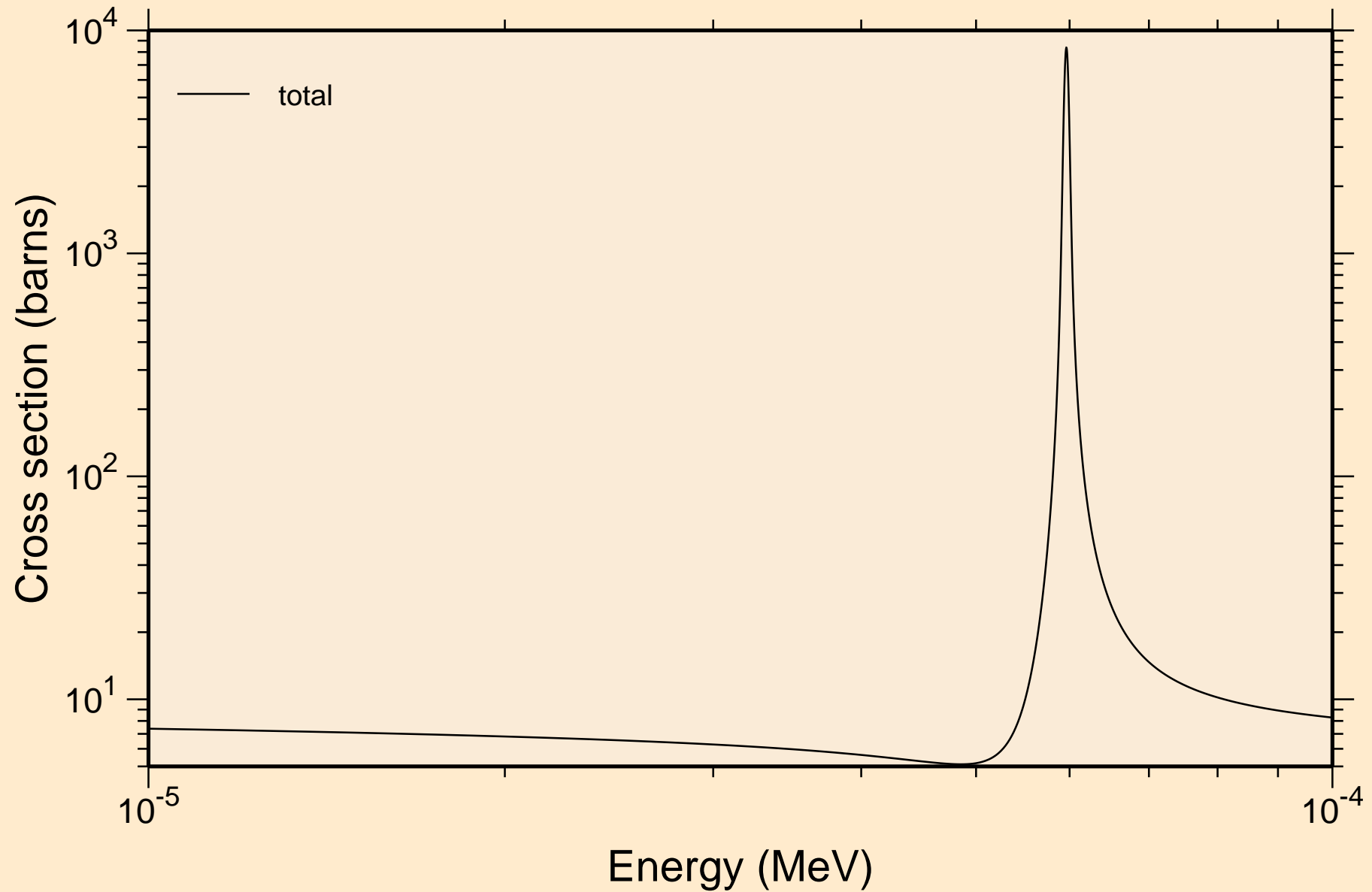


# AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

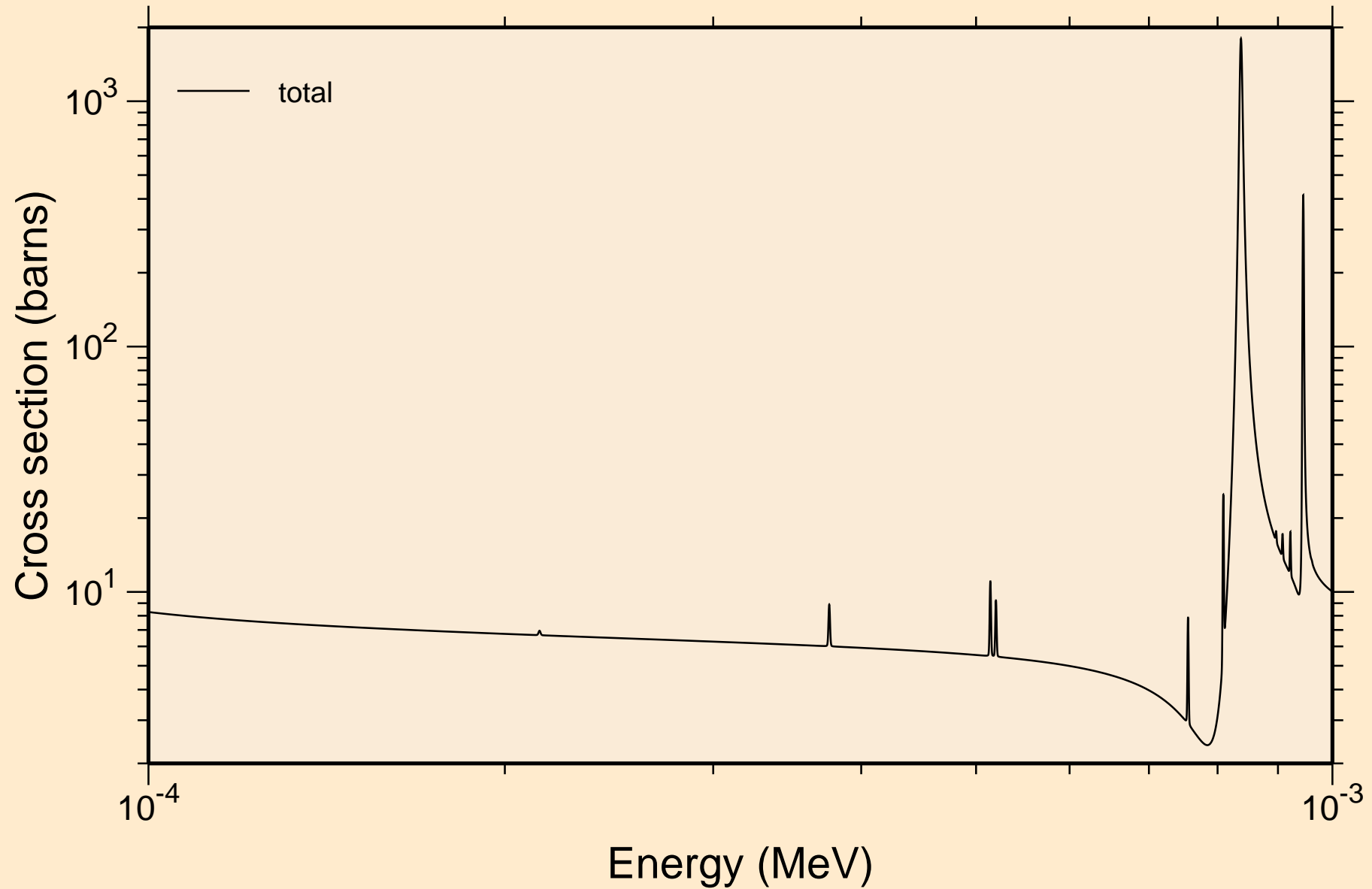
## Principal cross sections



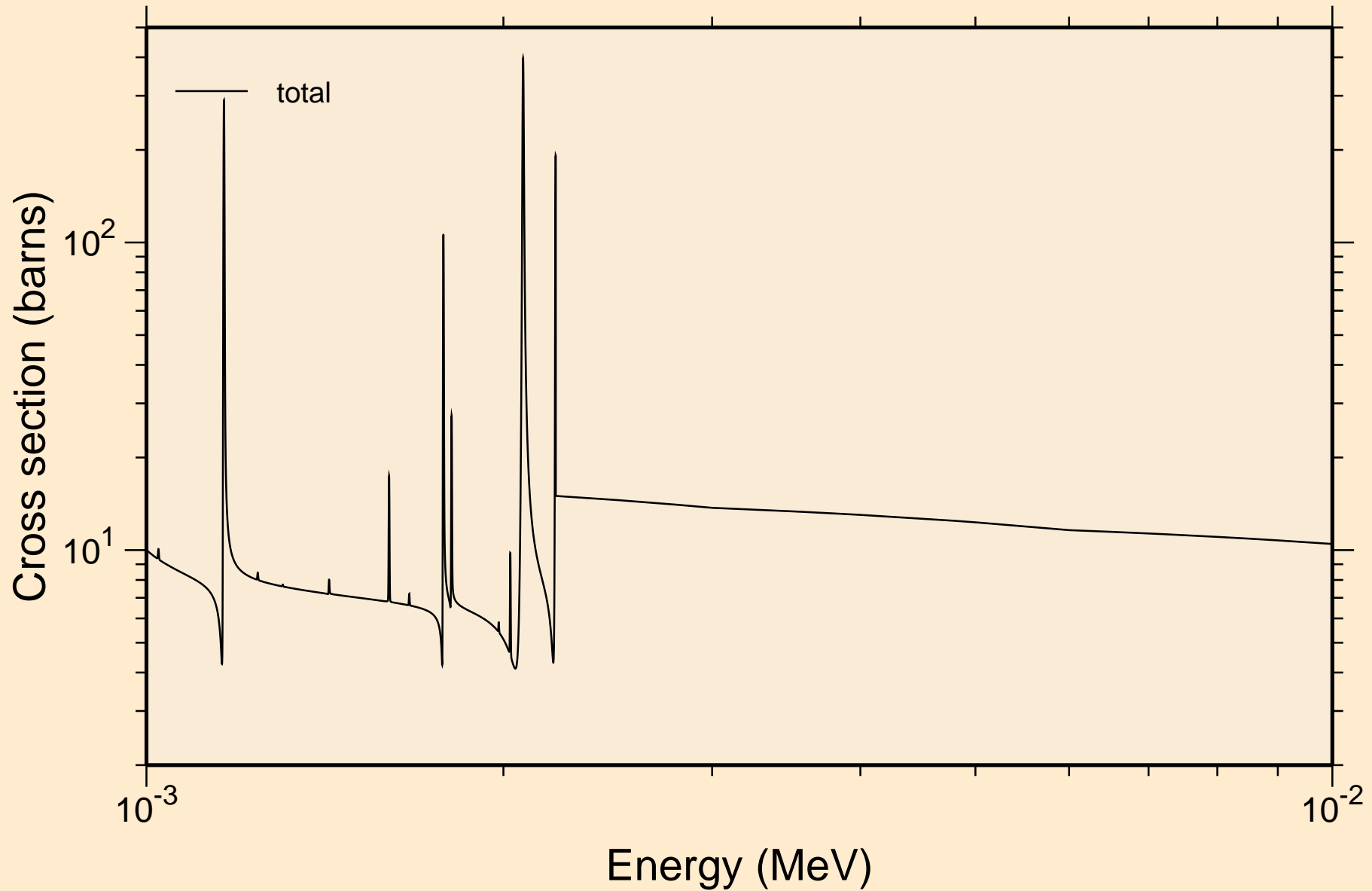
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



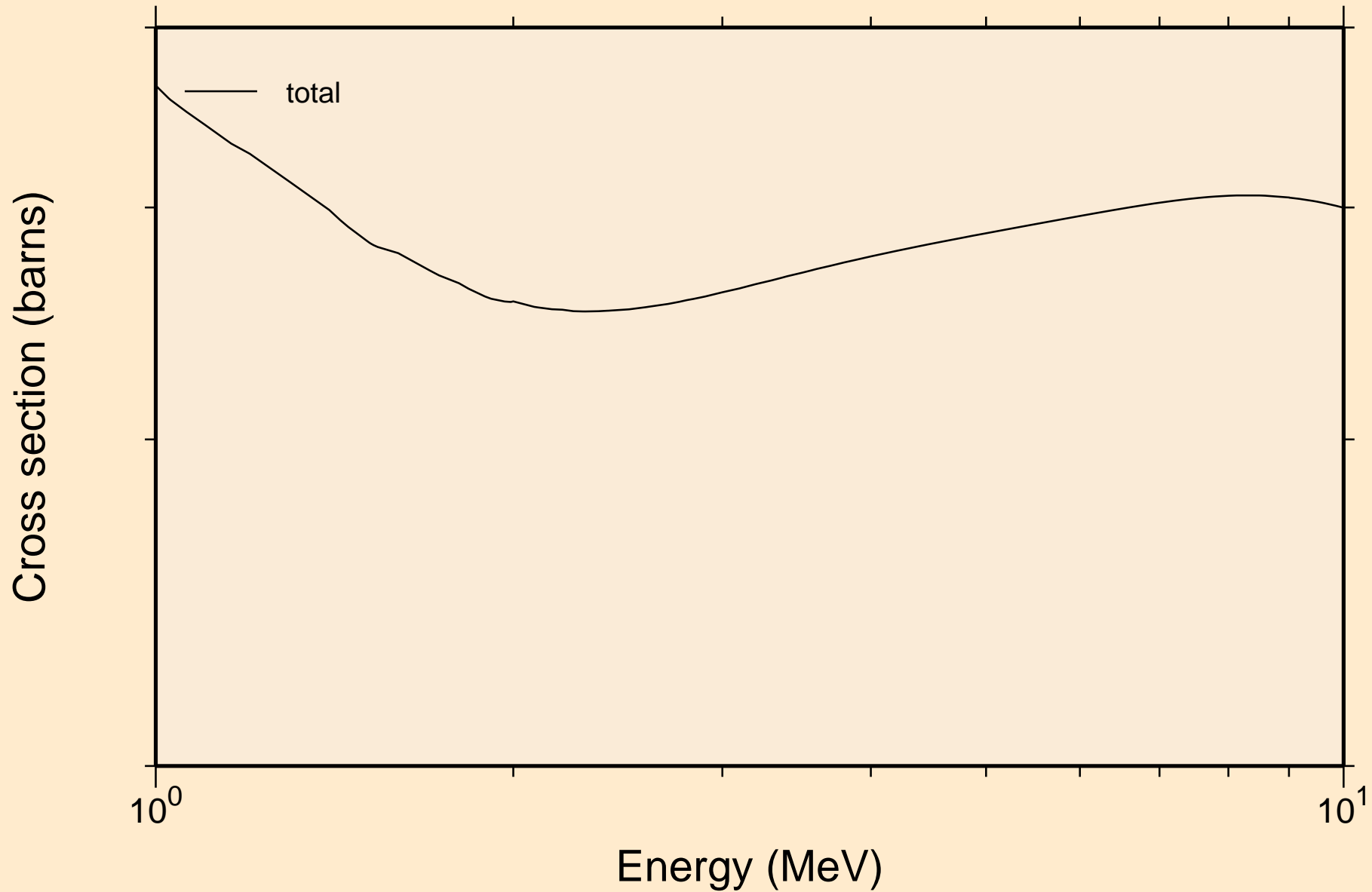
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



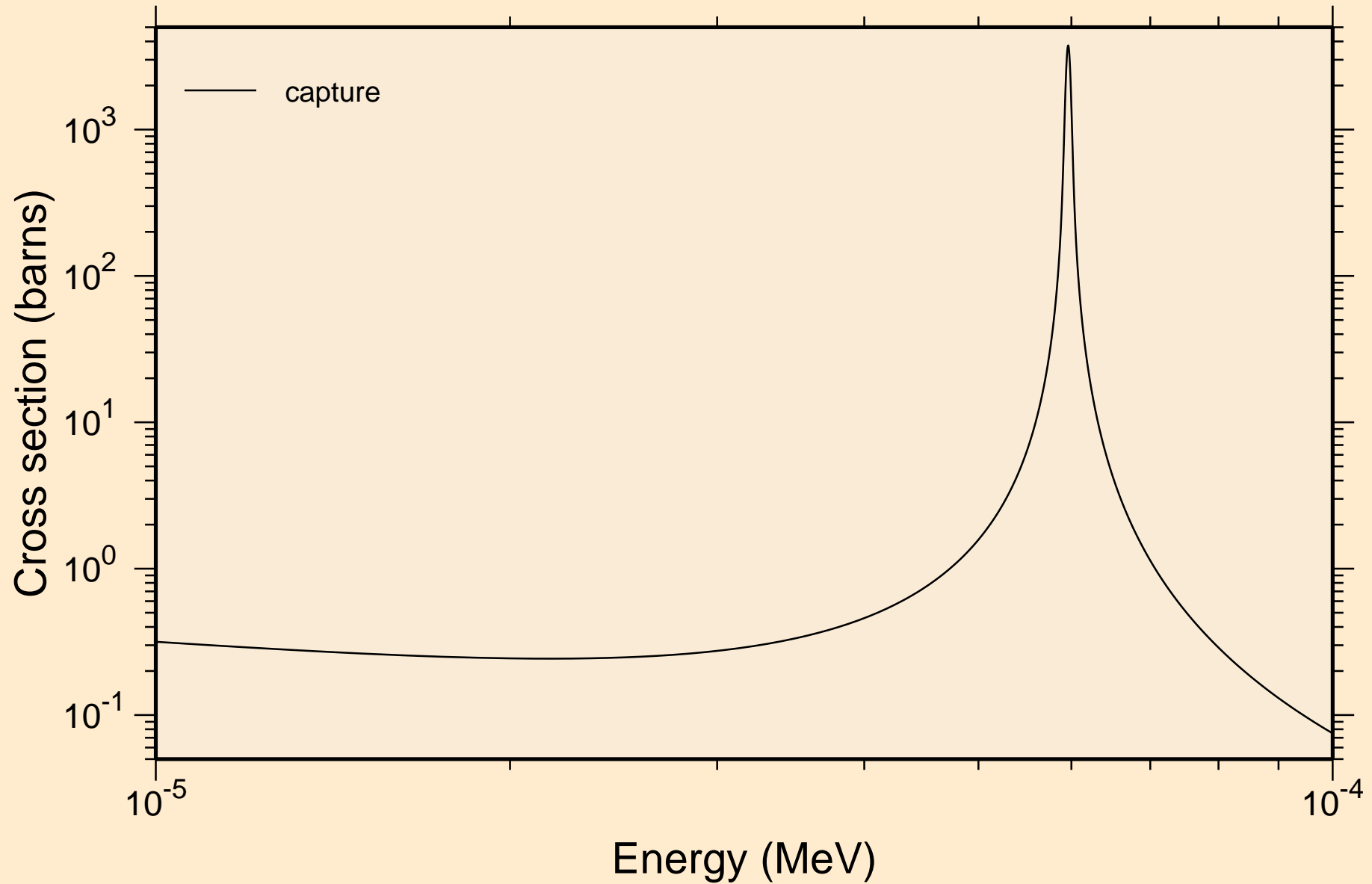
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



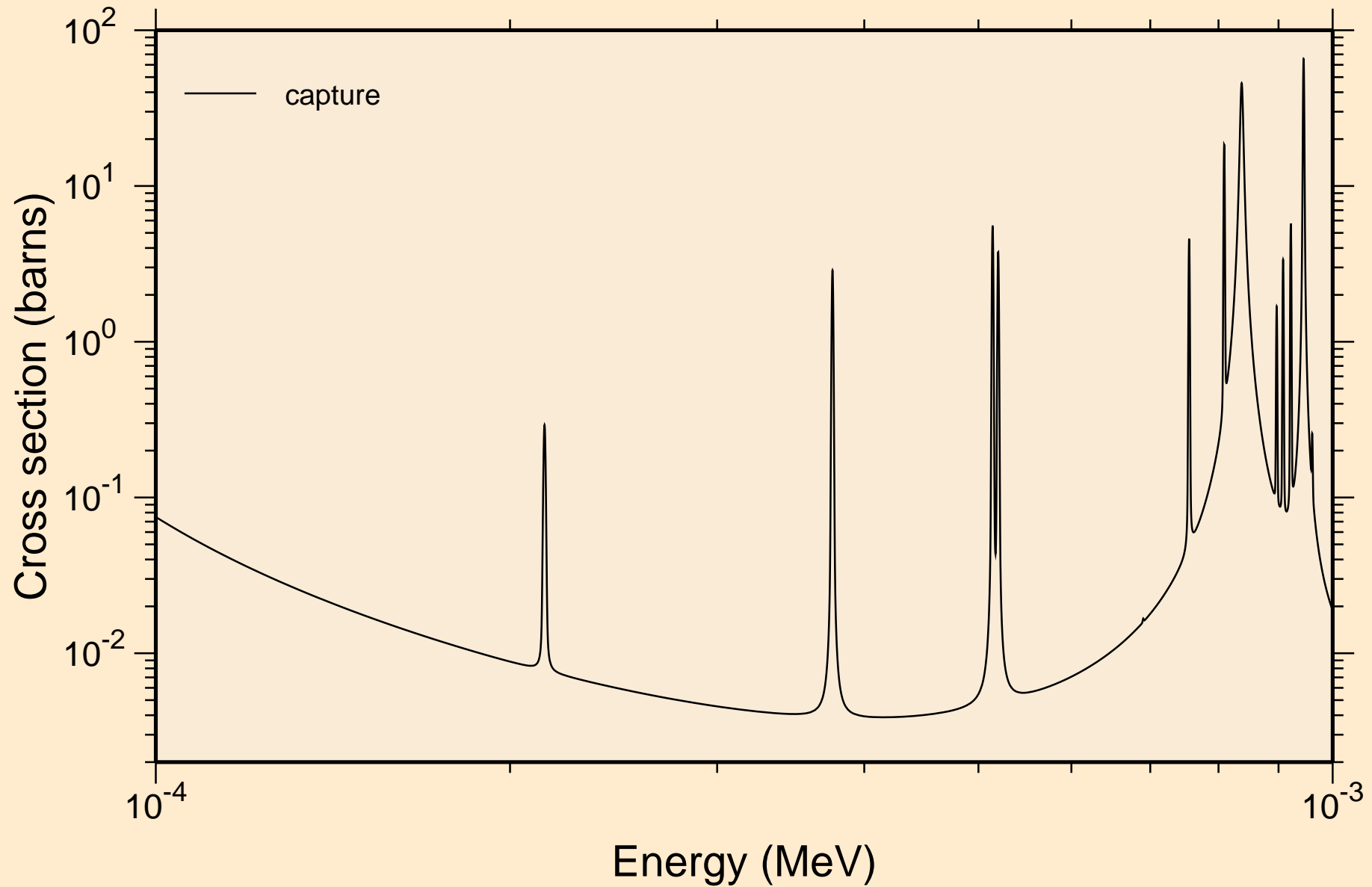
A5079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



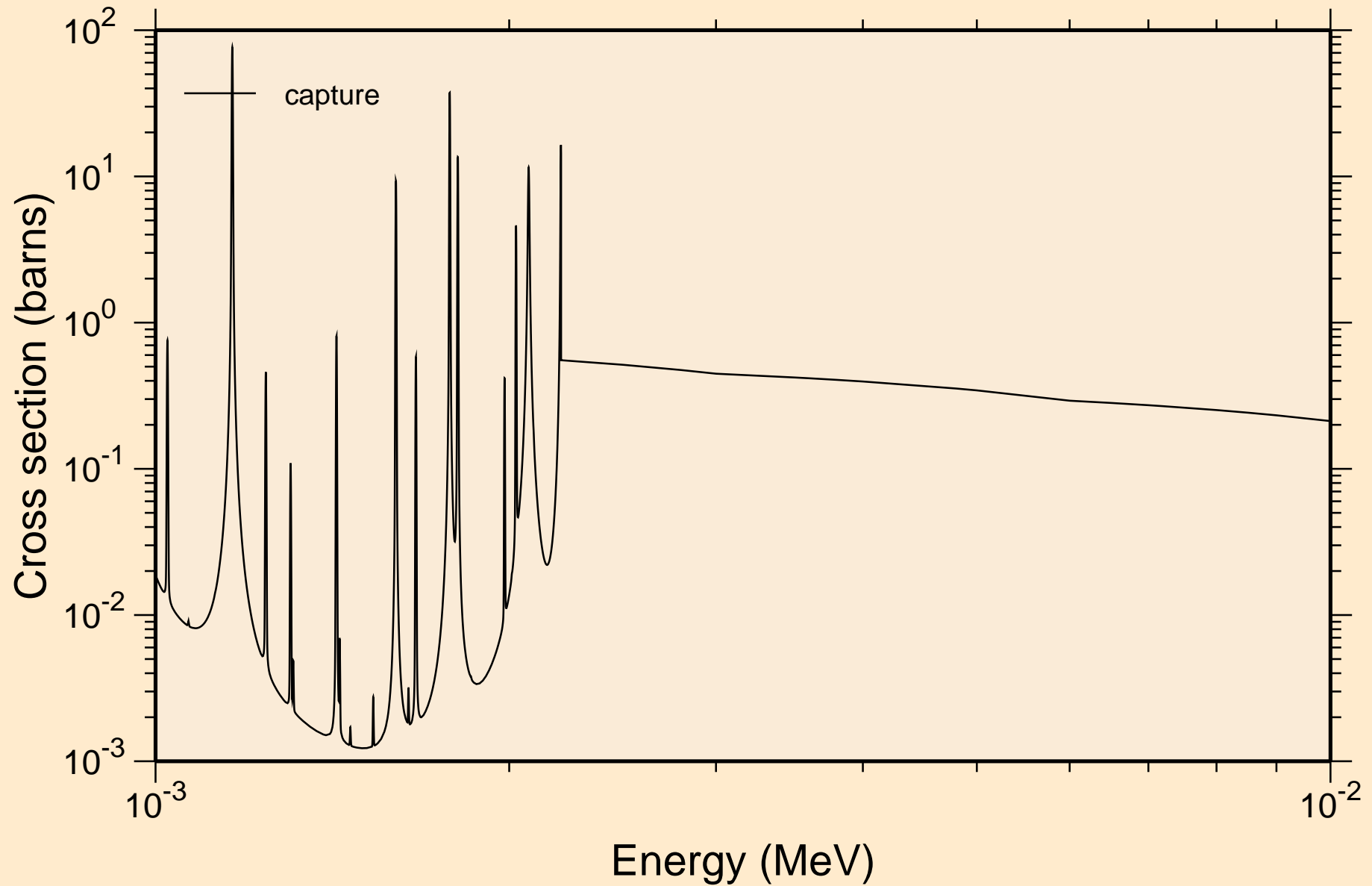
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

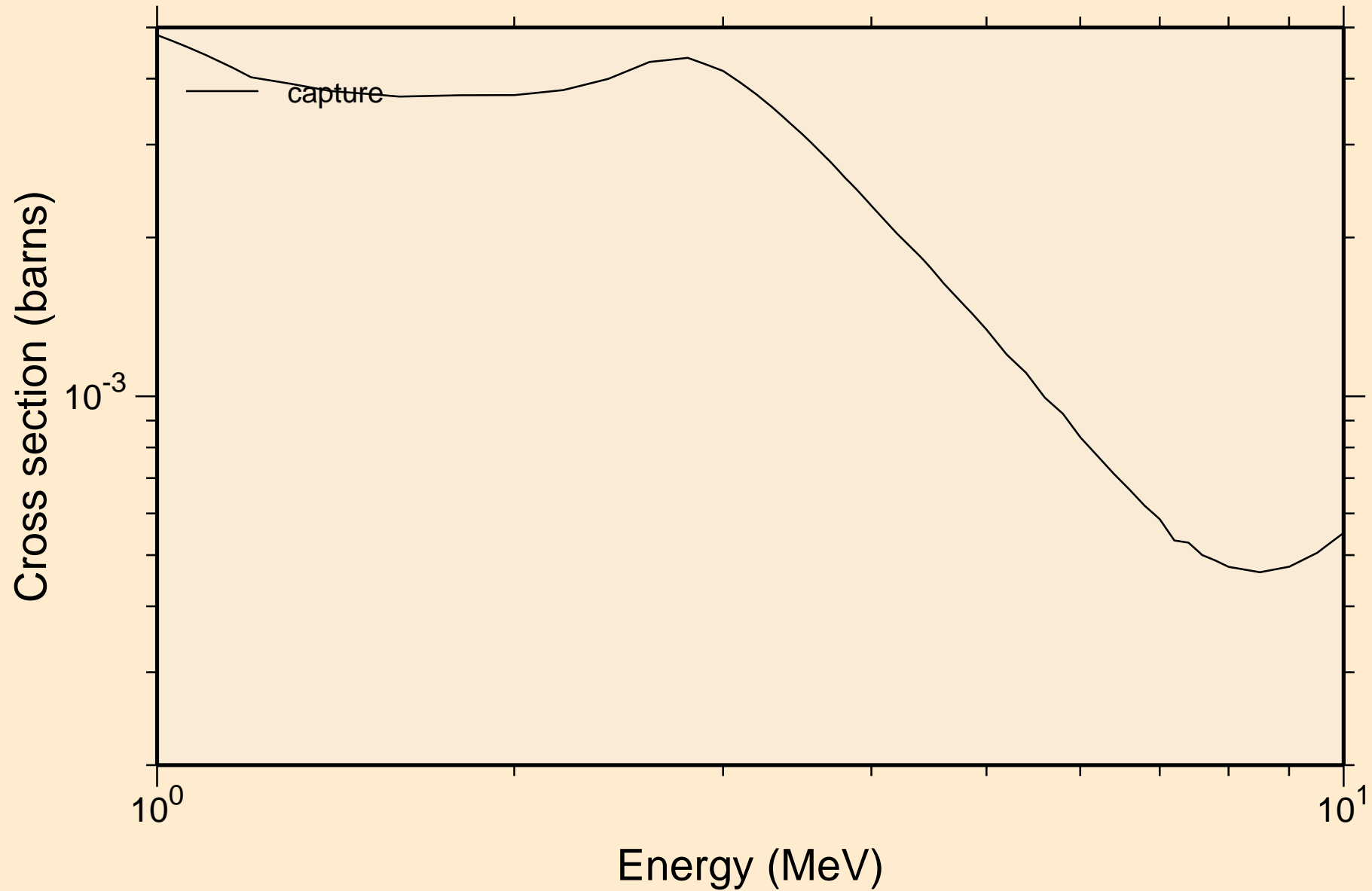


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

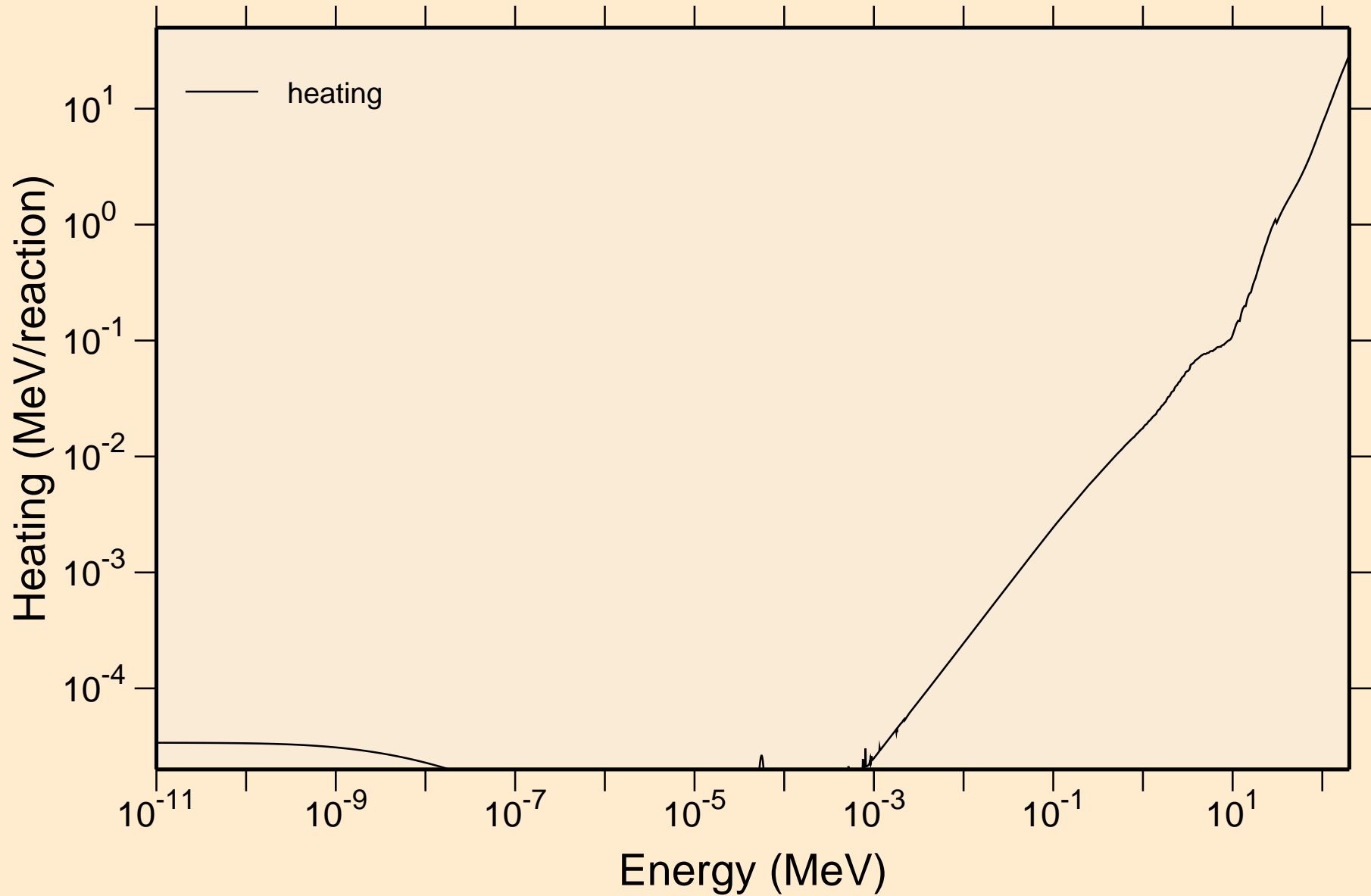




AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

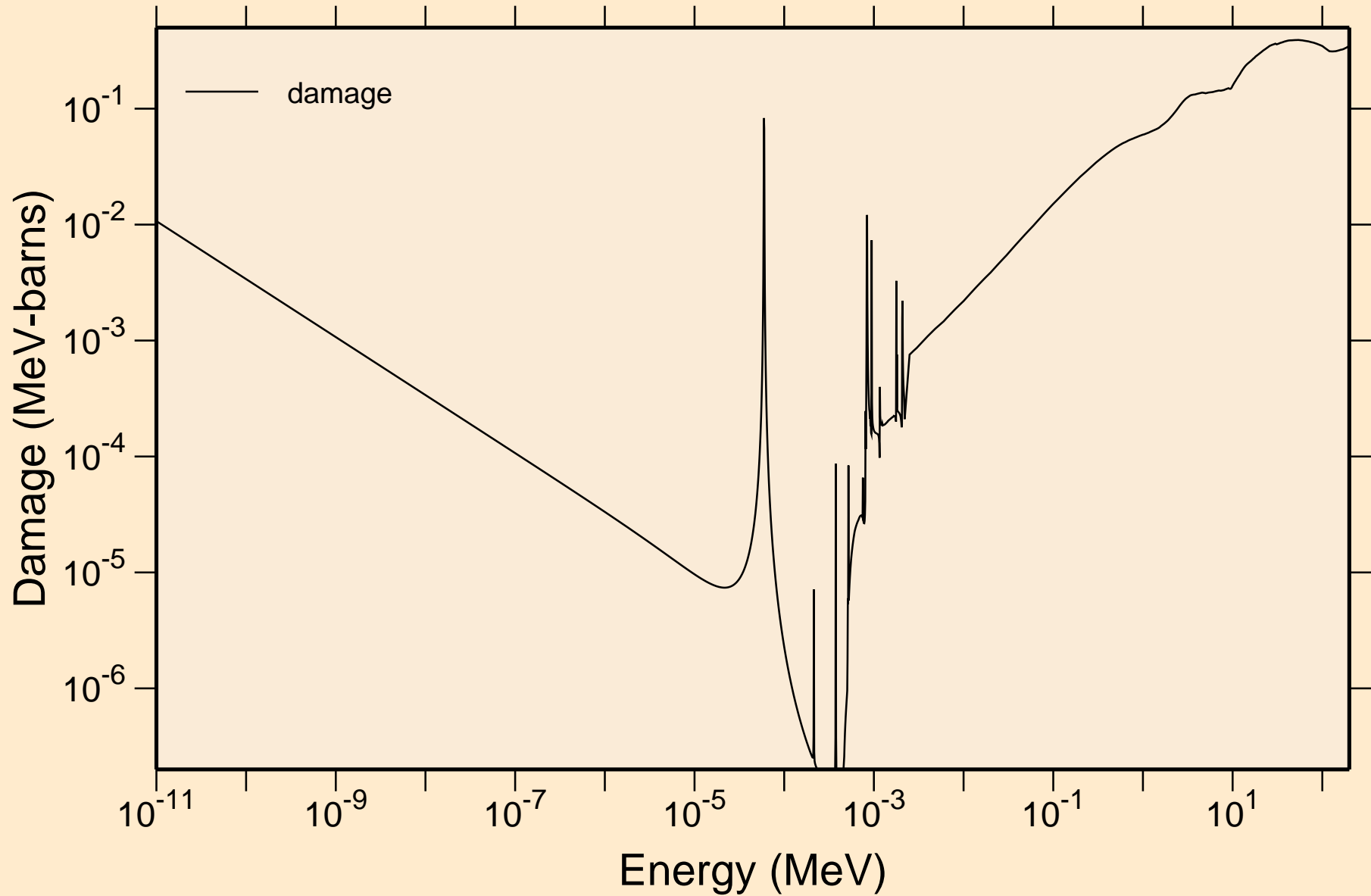


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

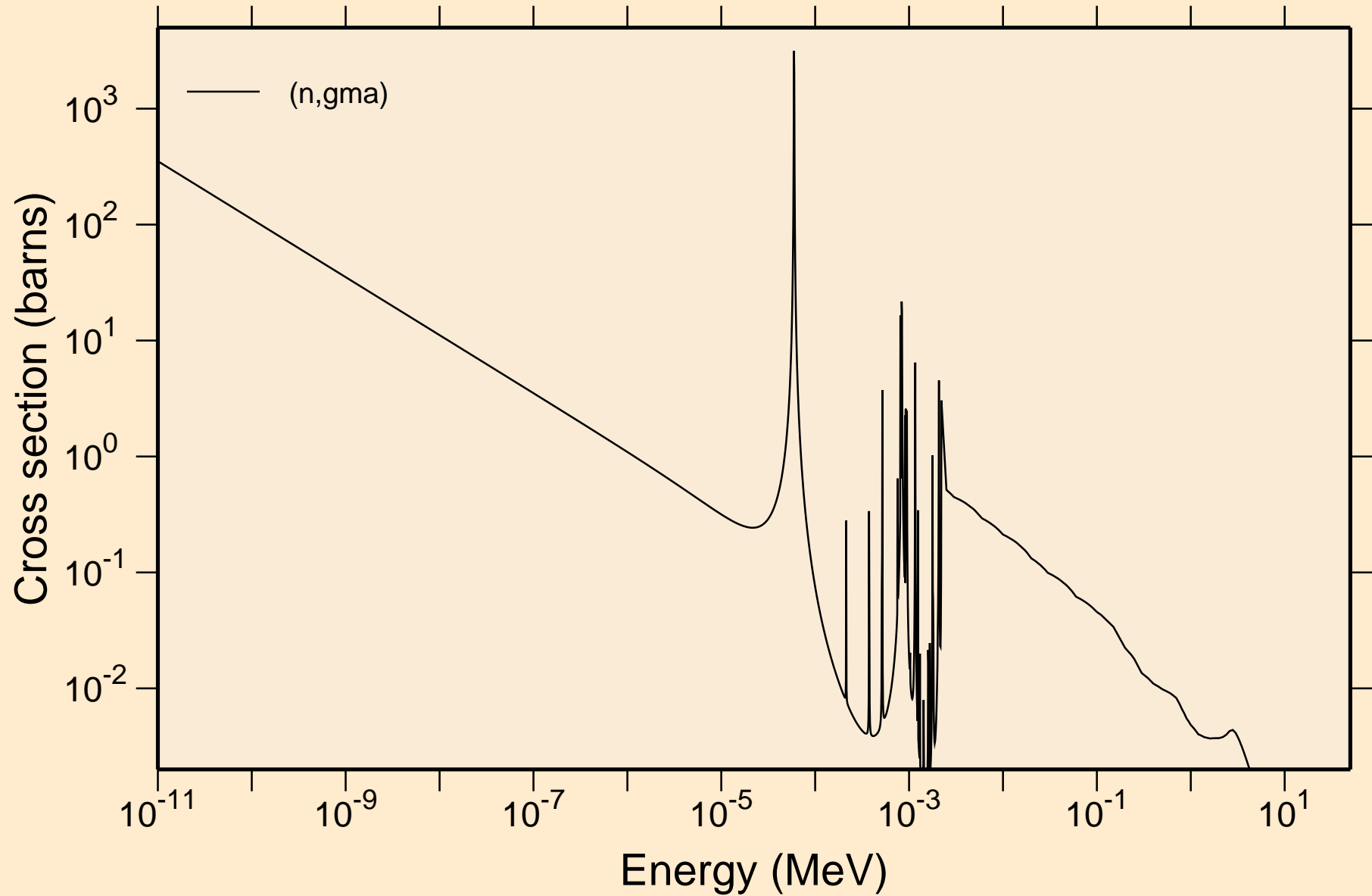


# AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

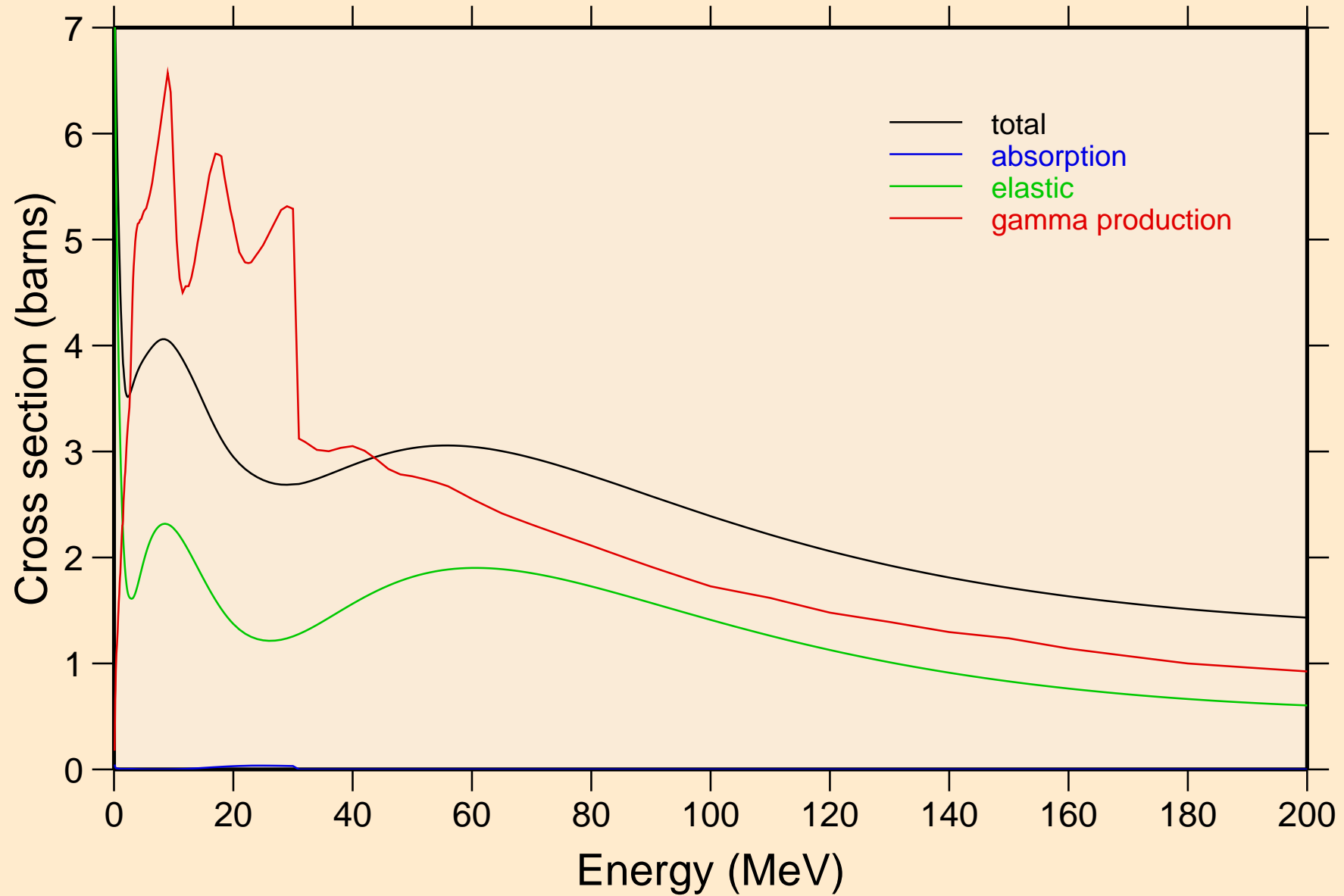
## Damage



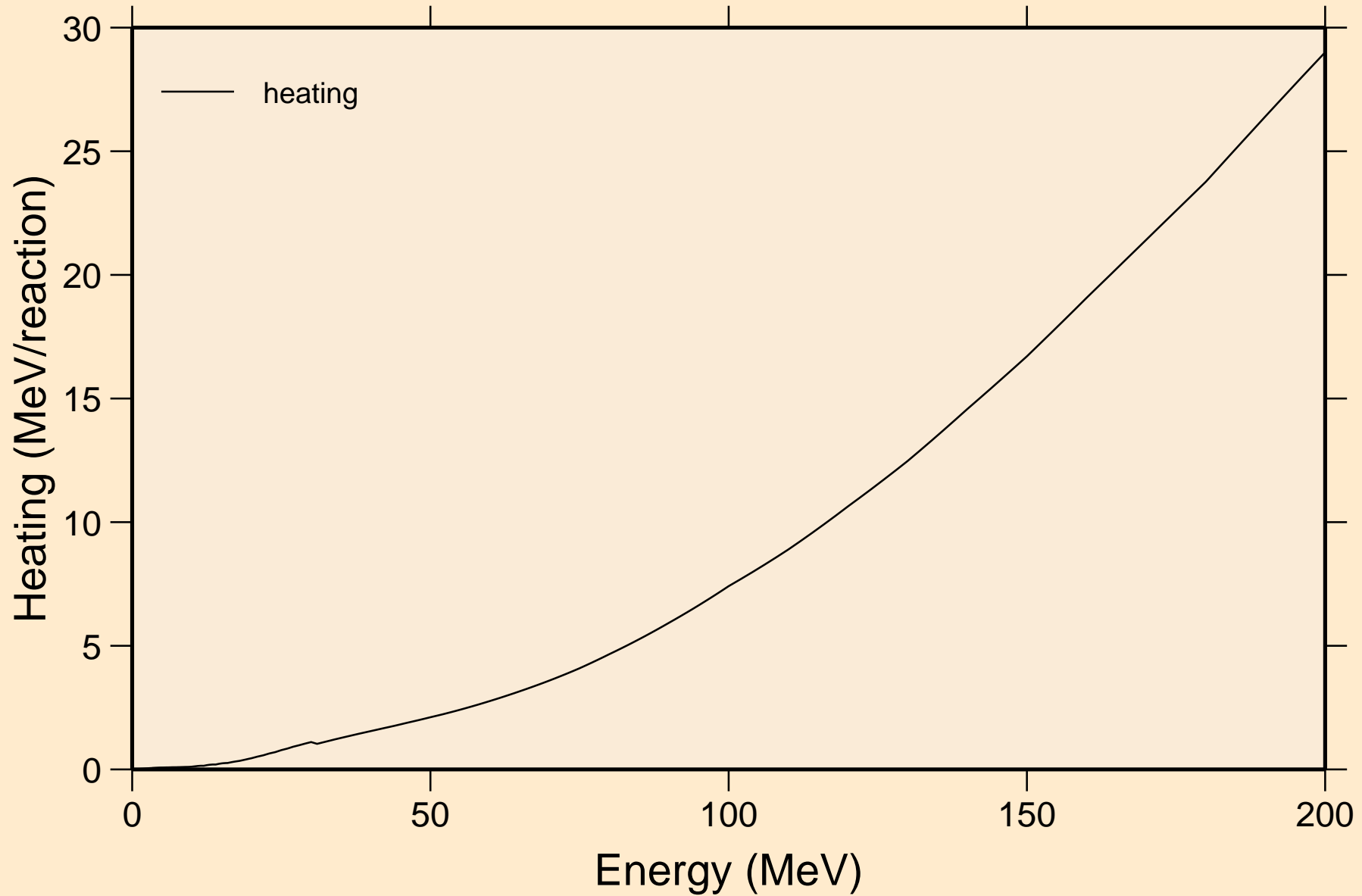
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



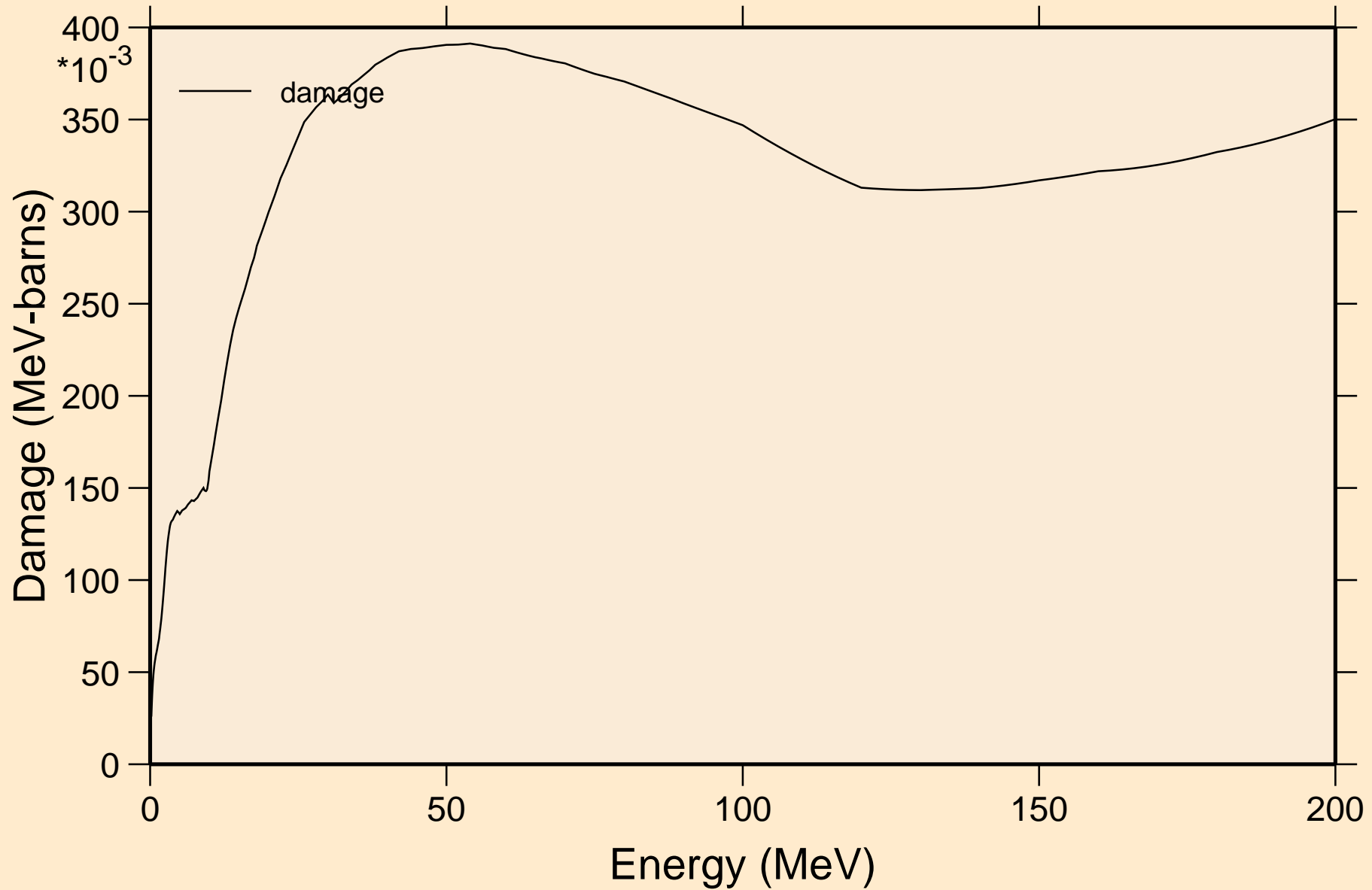
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



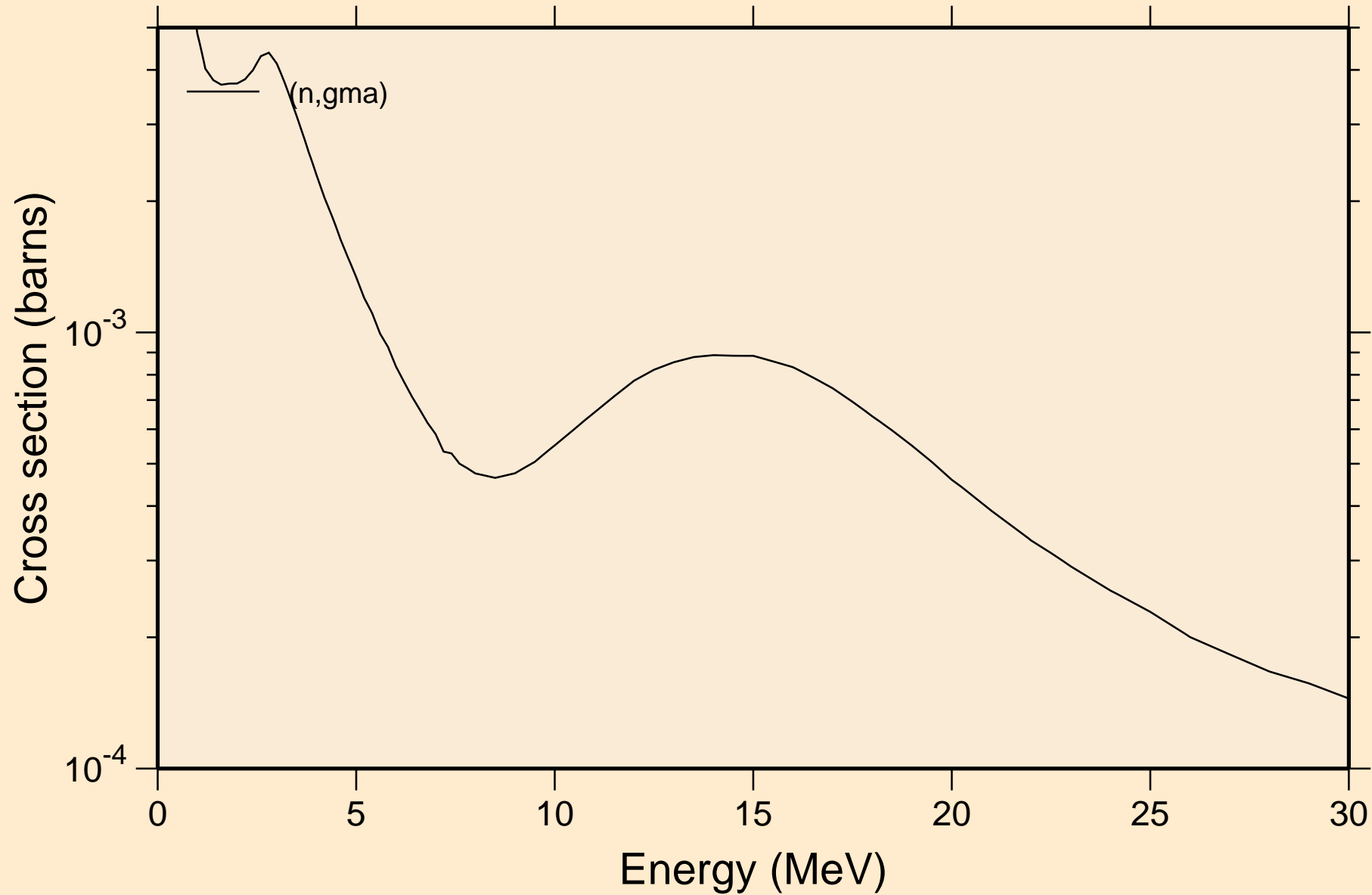
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

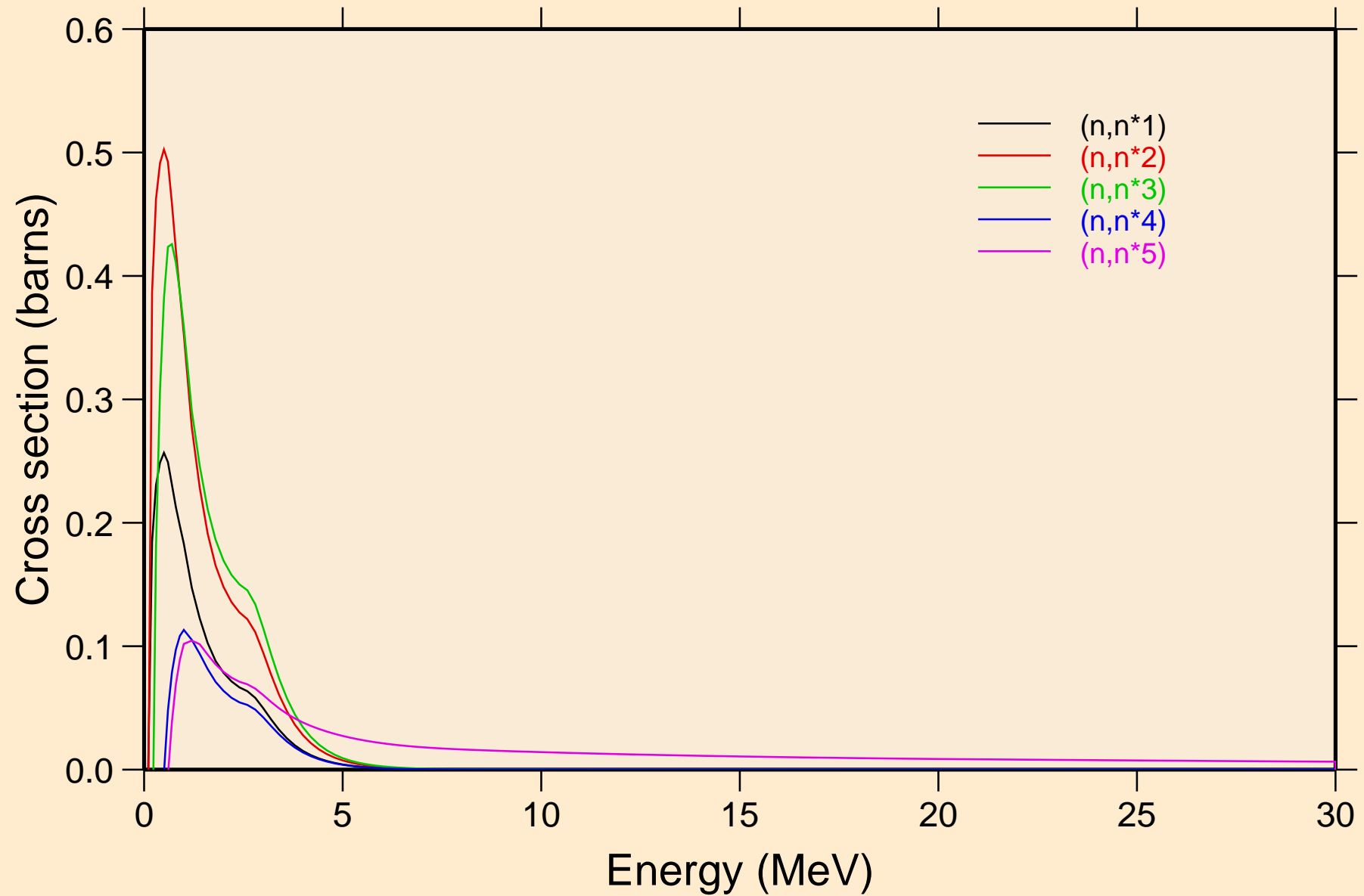


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

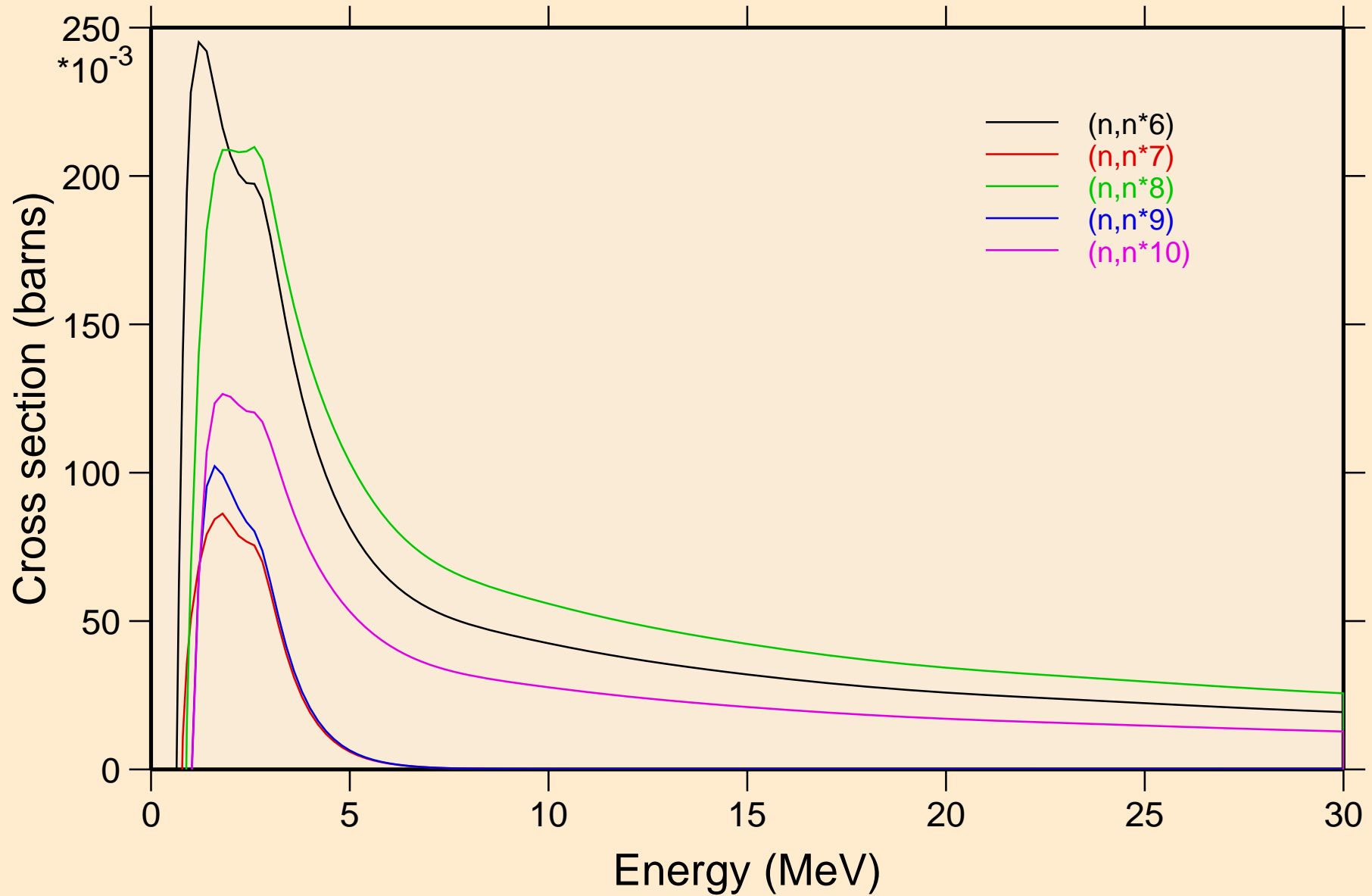




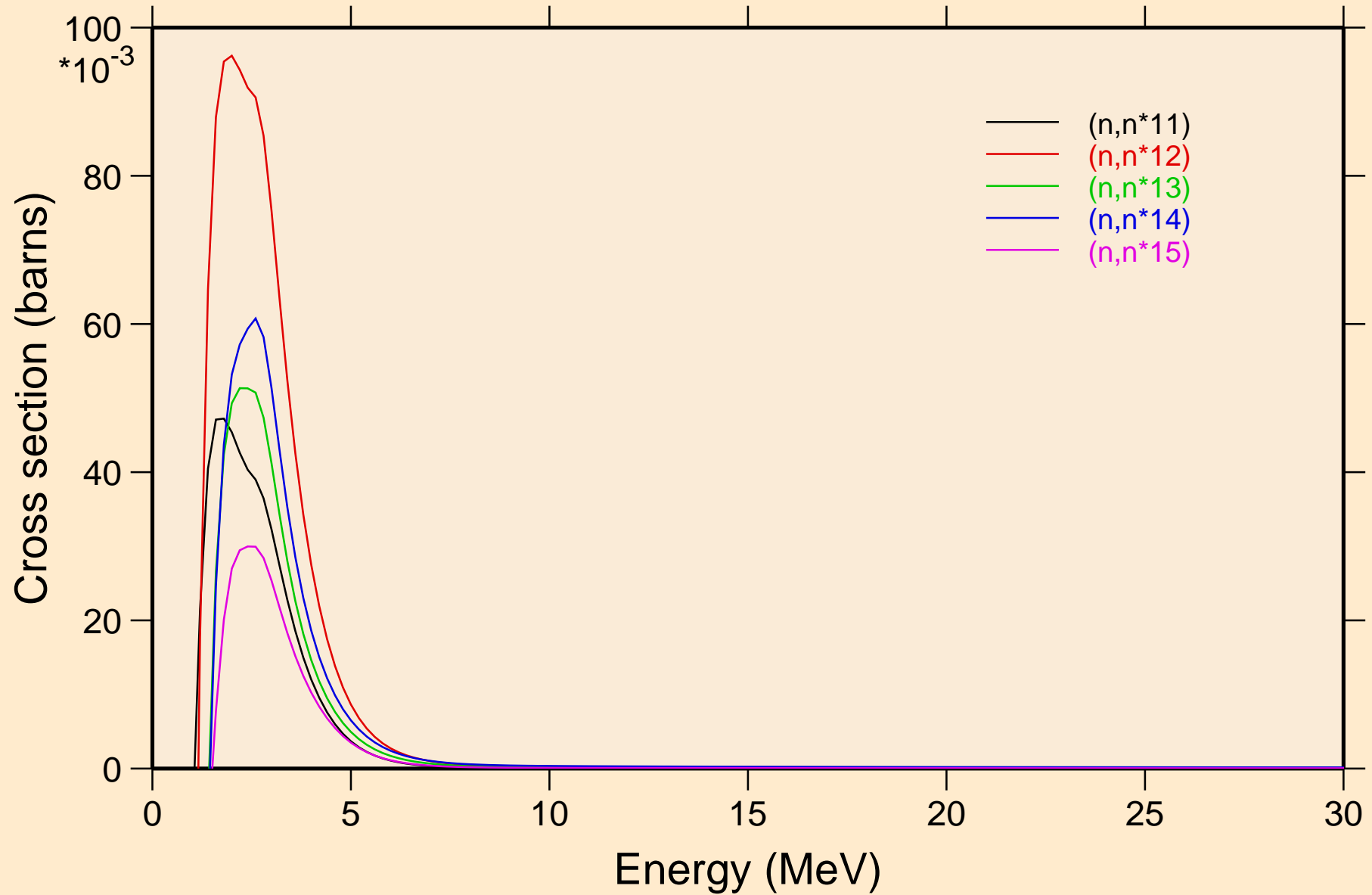
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



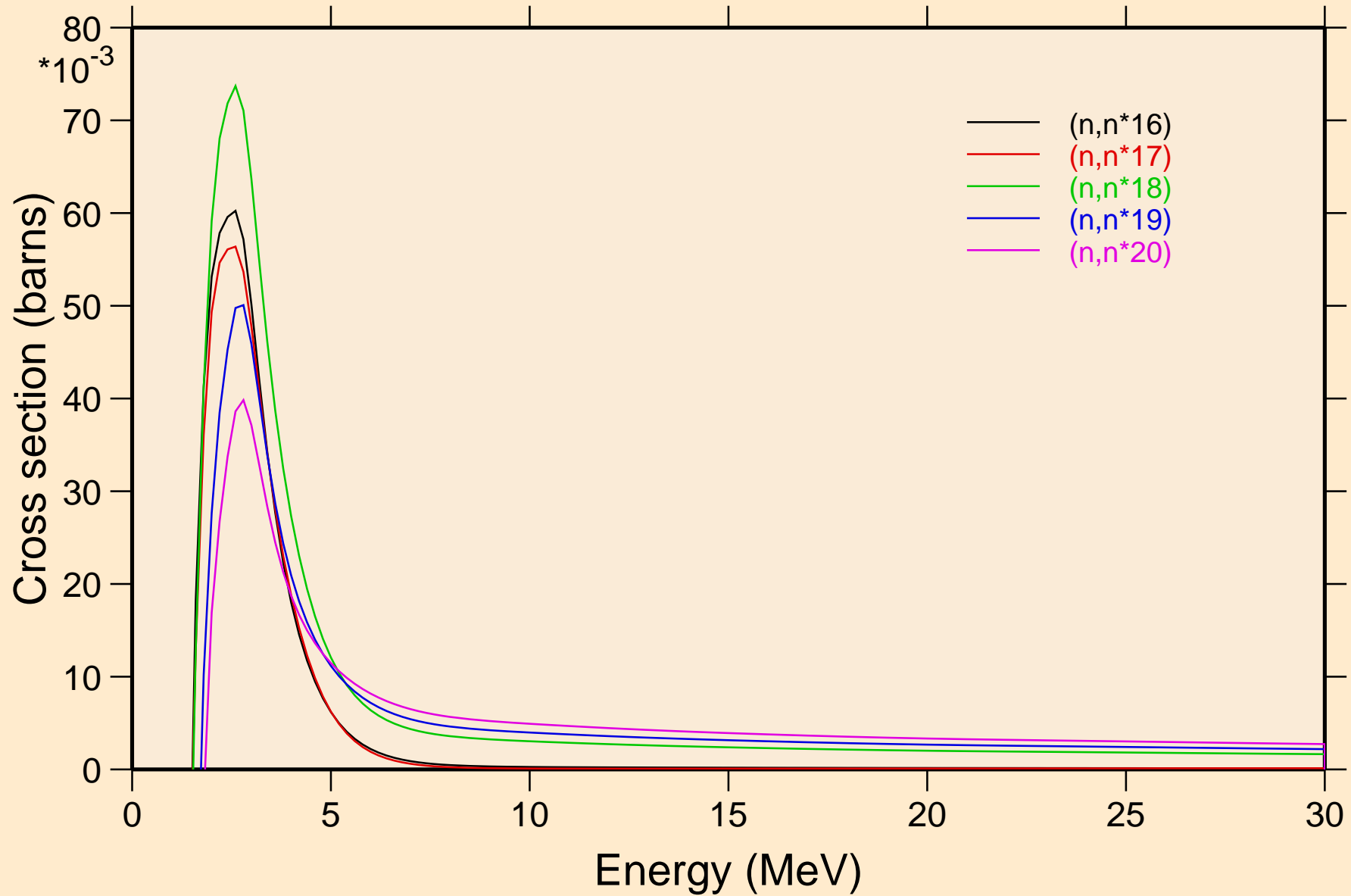
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



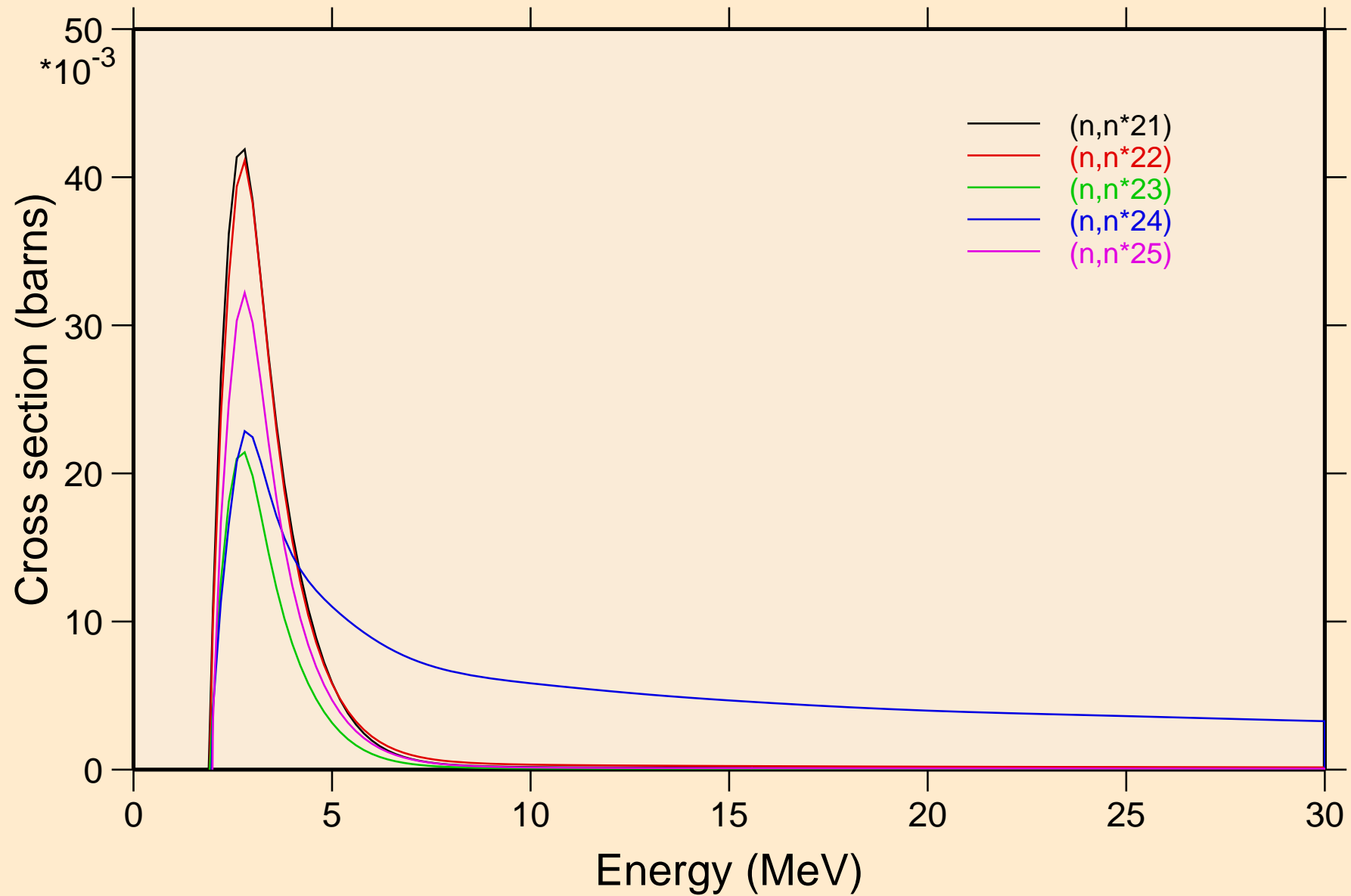
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



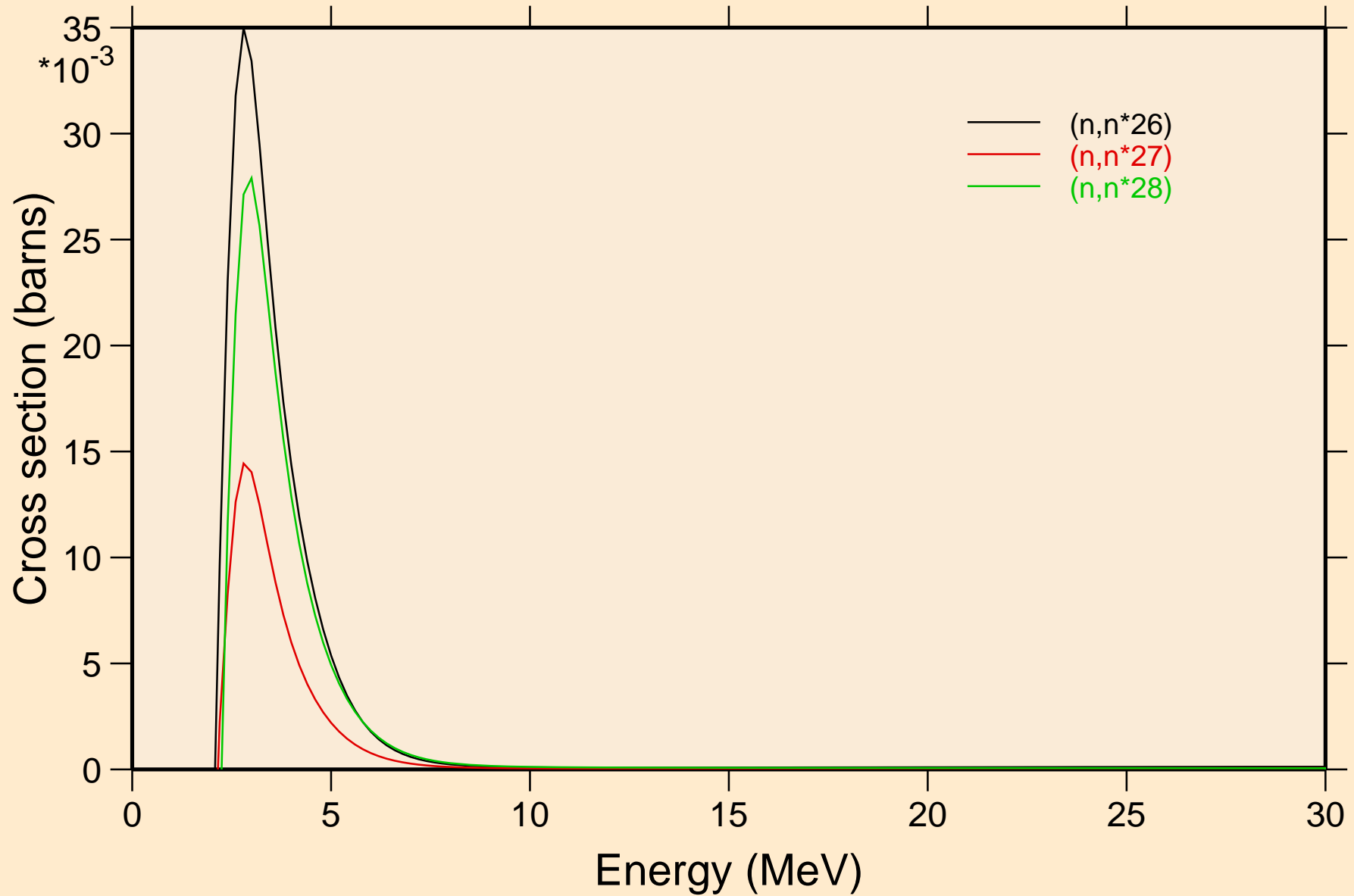
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Inelastic levels



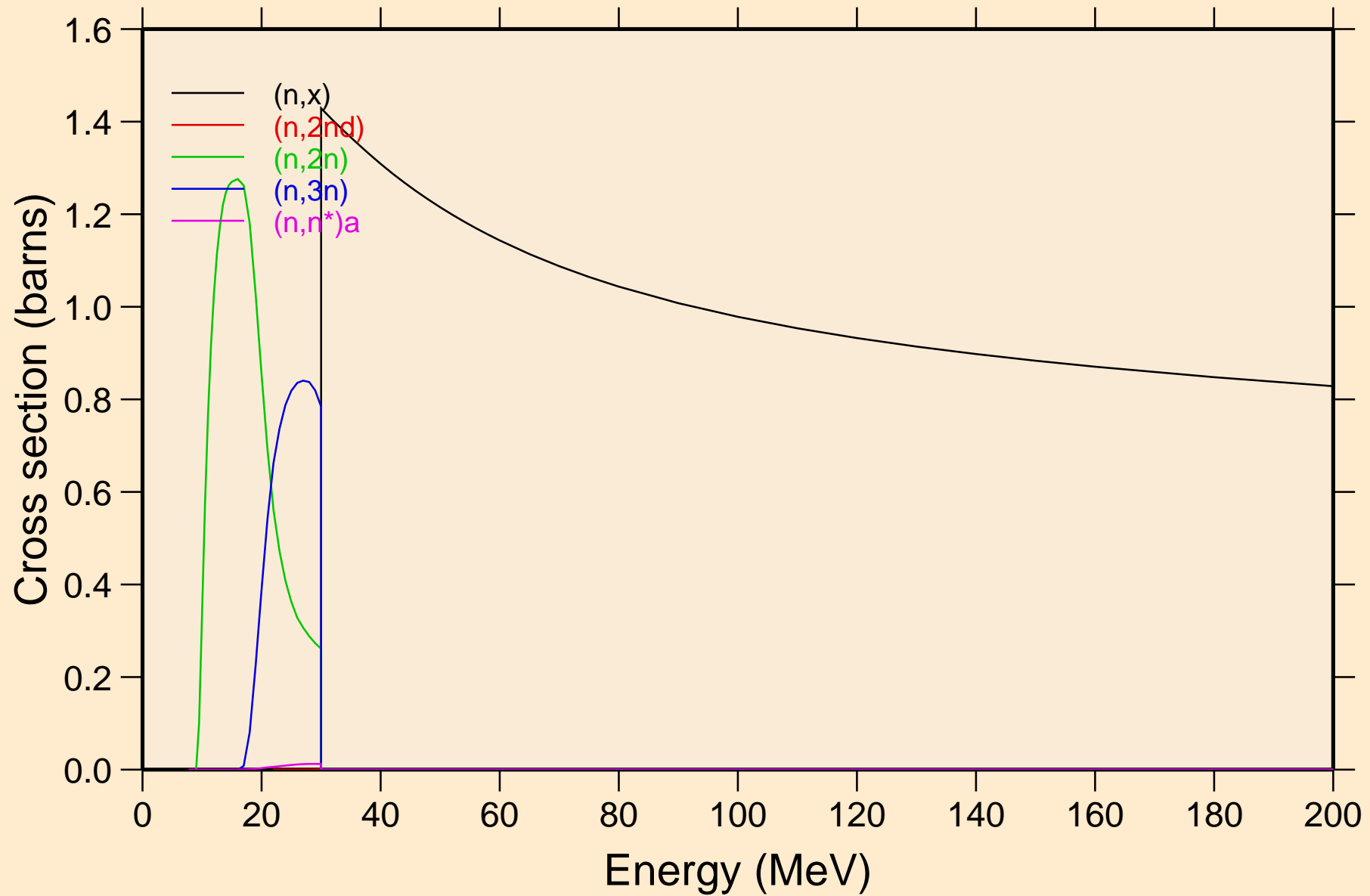
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



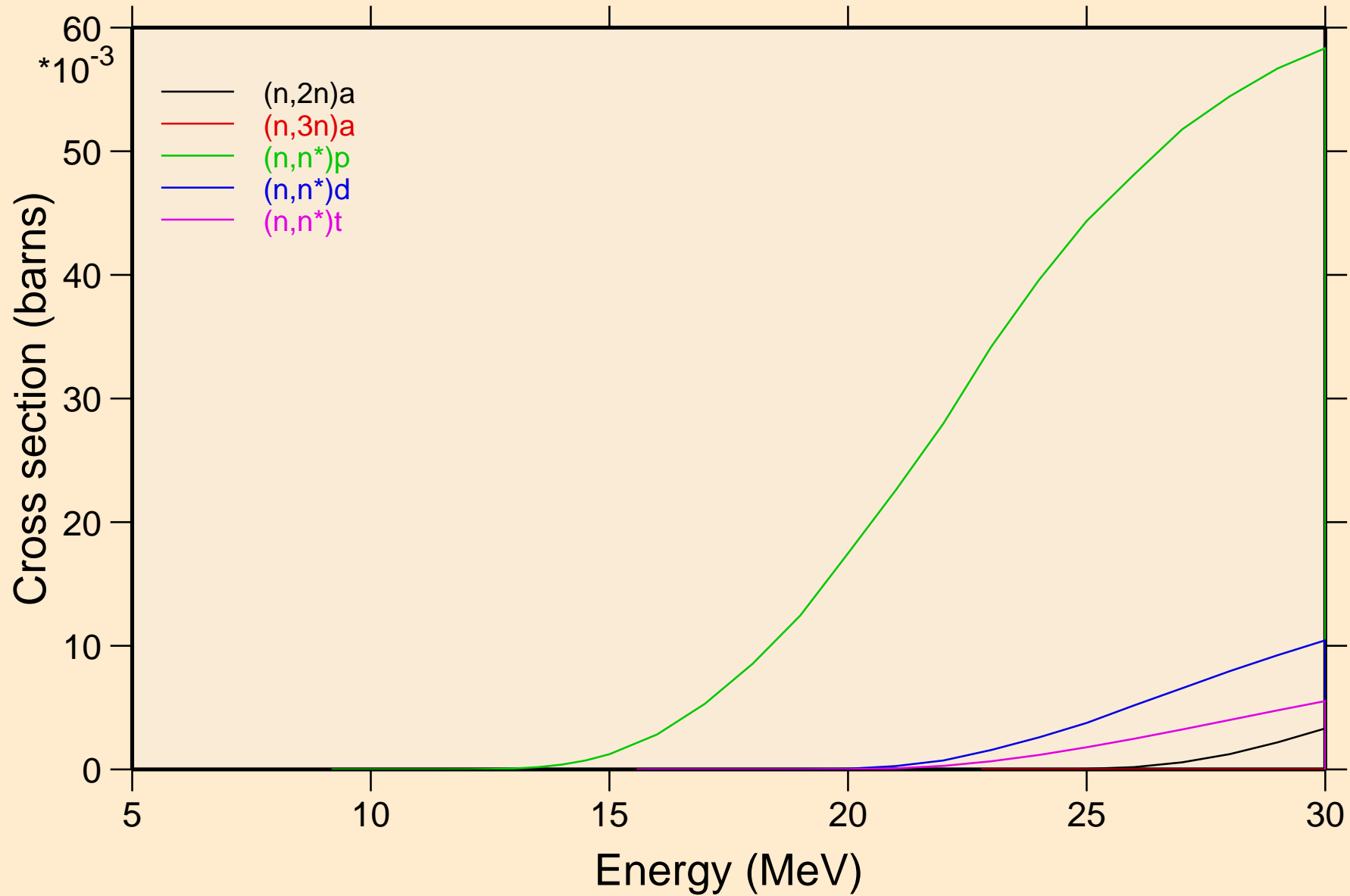
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

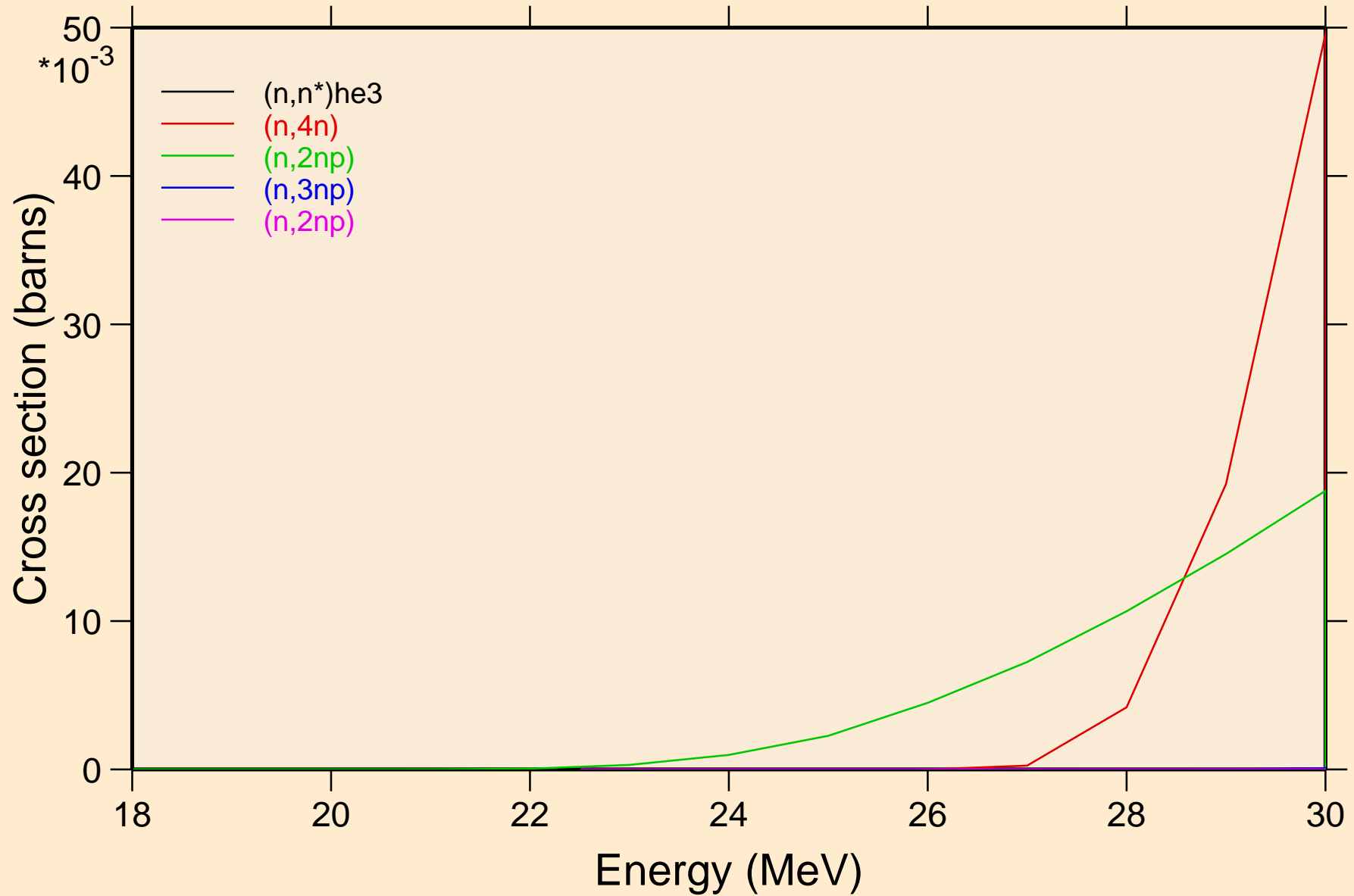


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

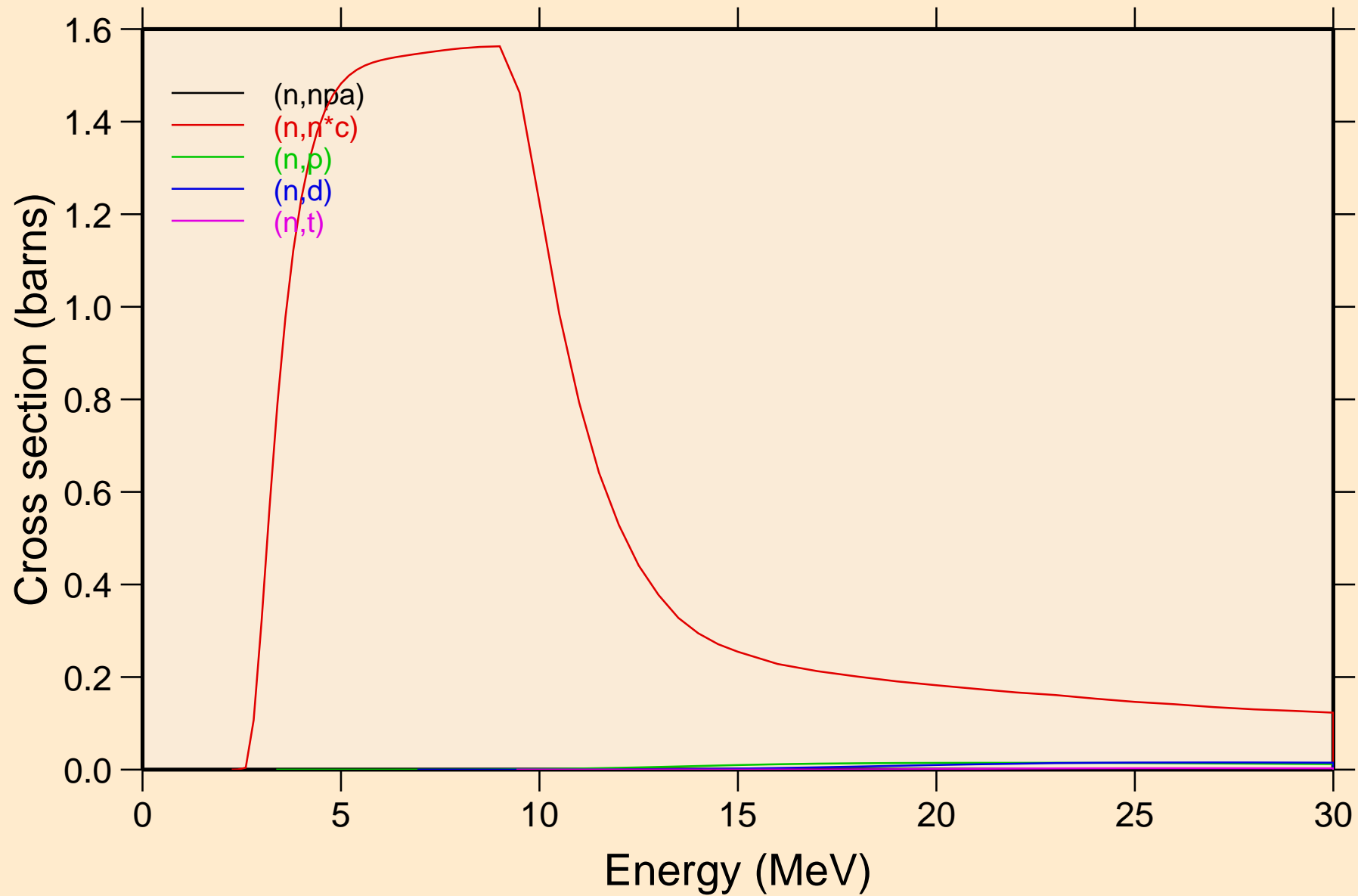




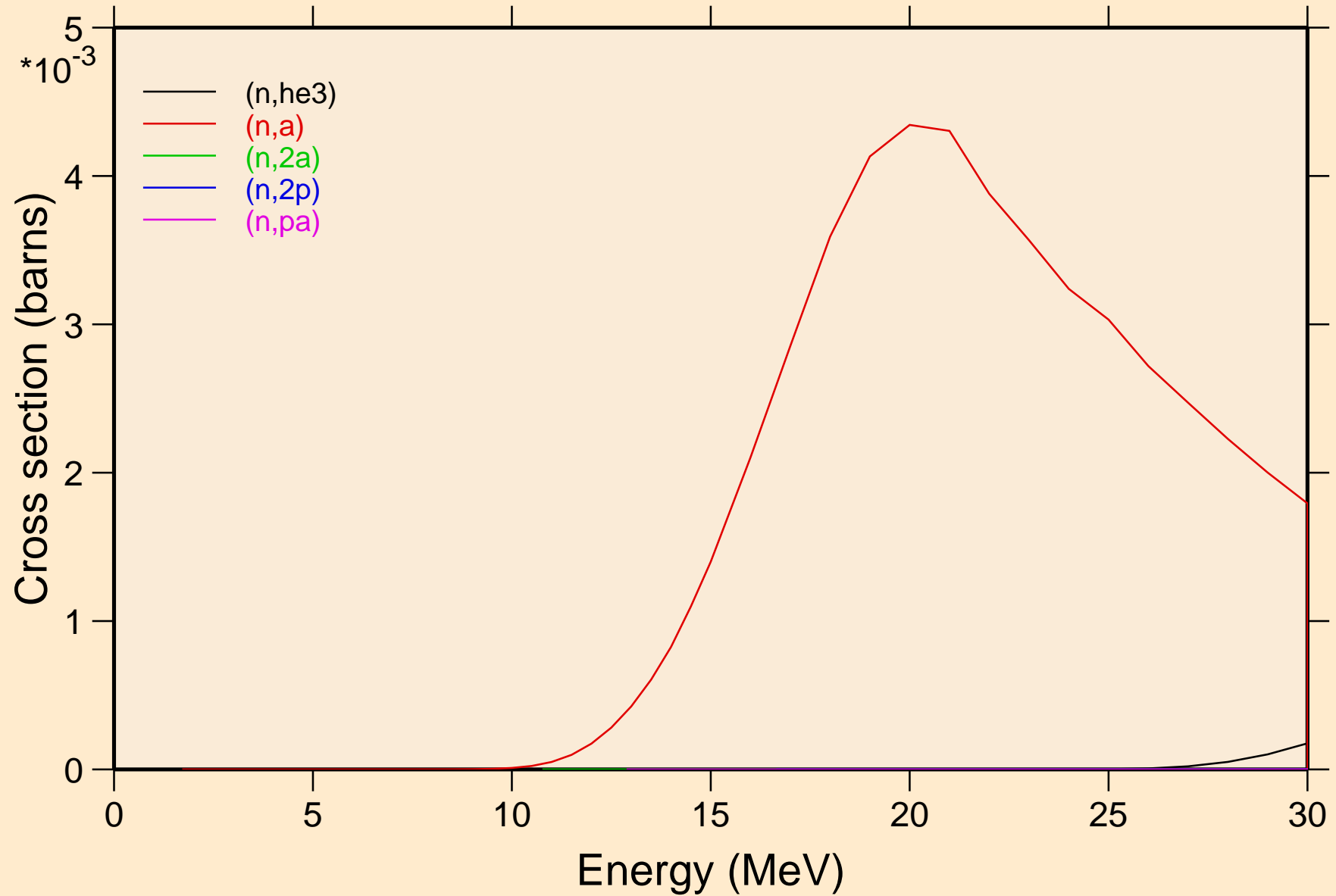
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



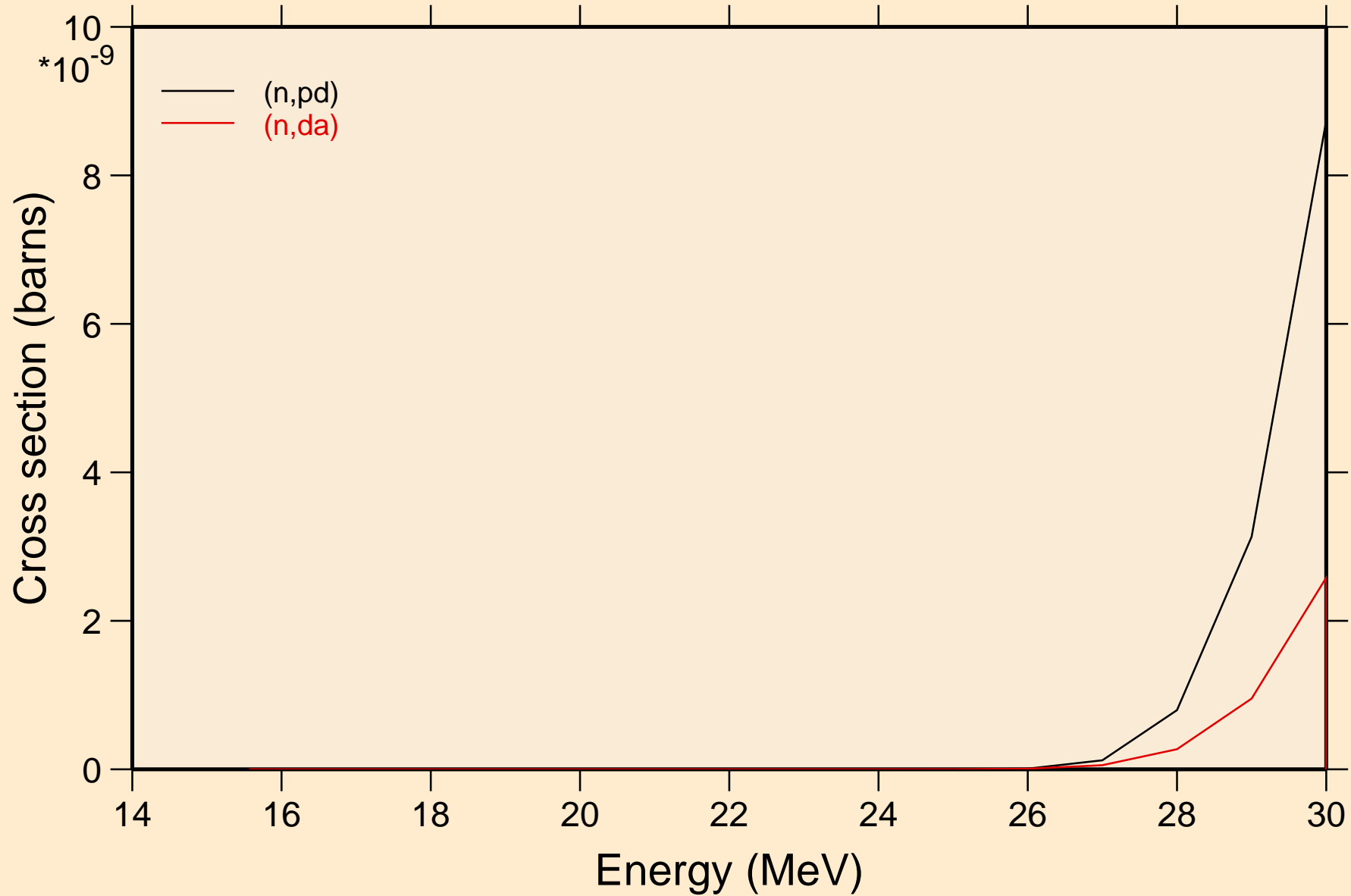
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



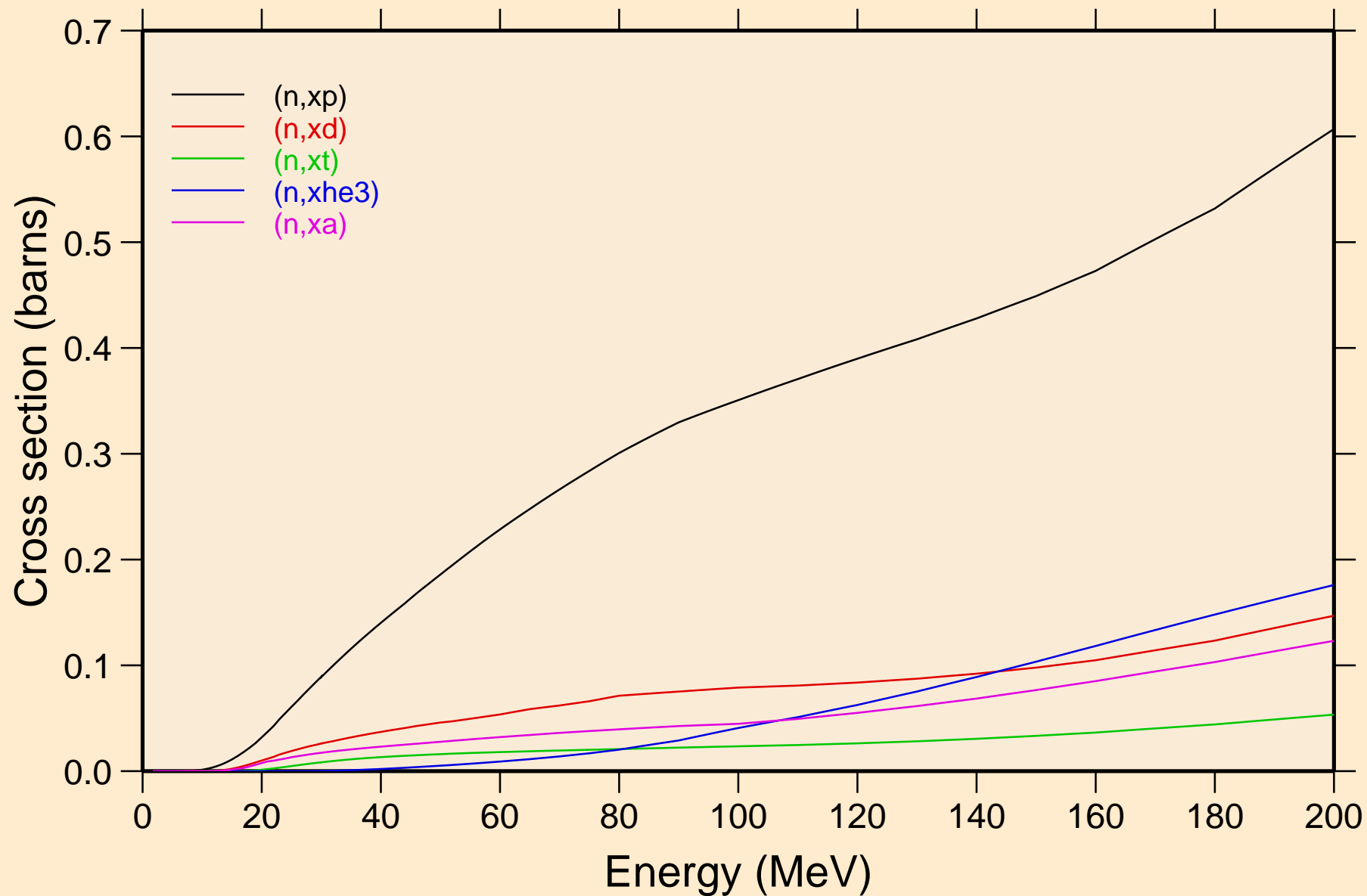
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



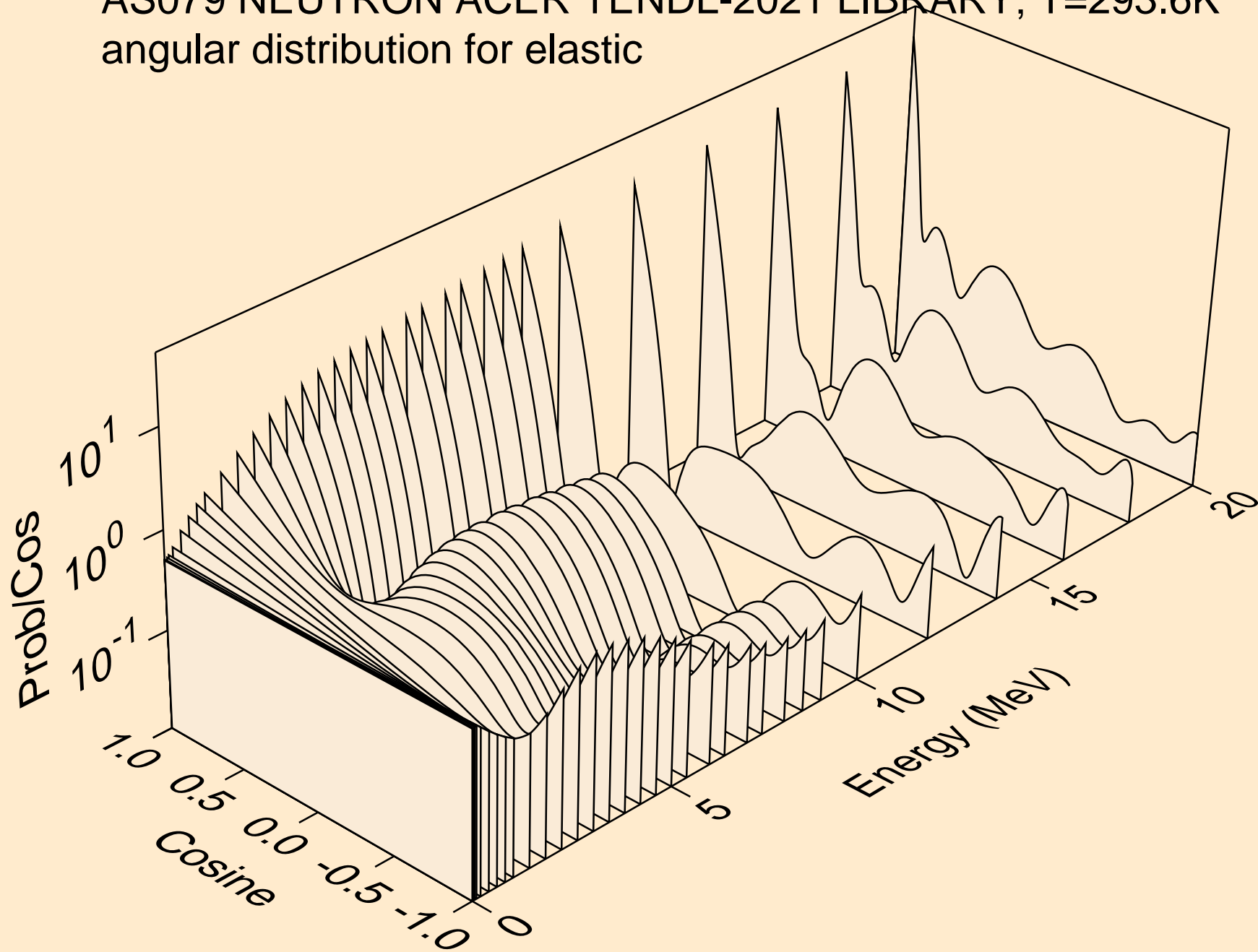
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



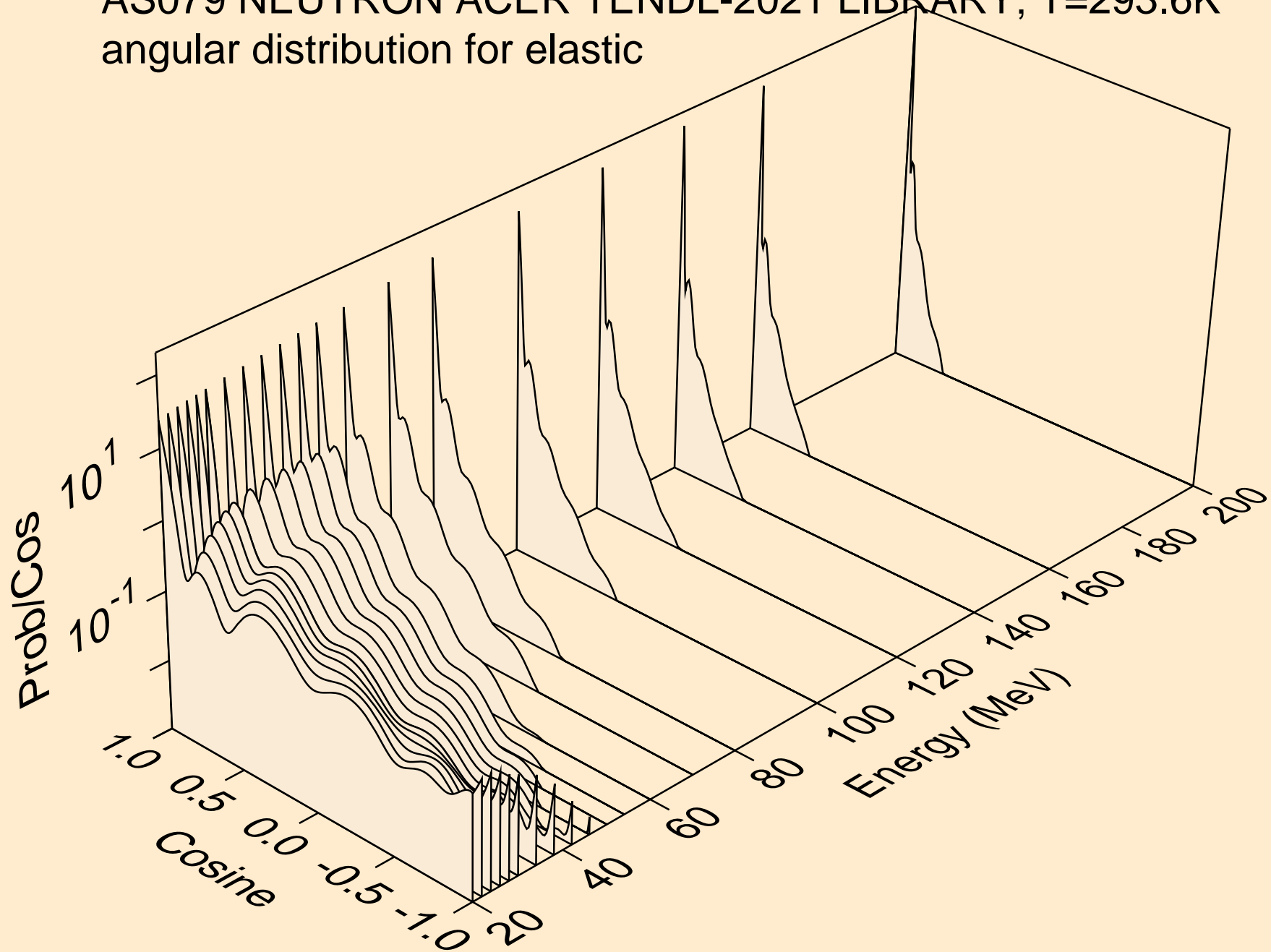
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



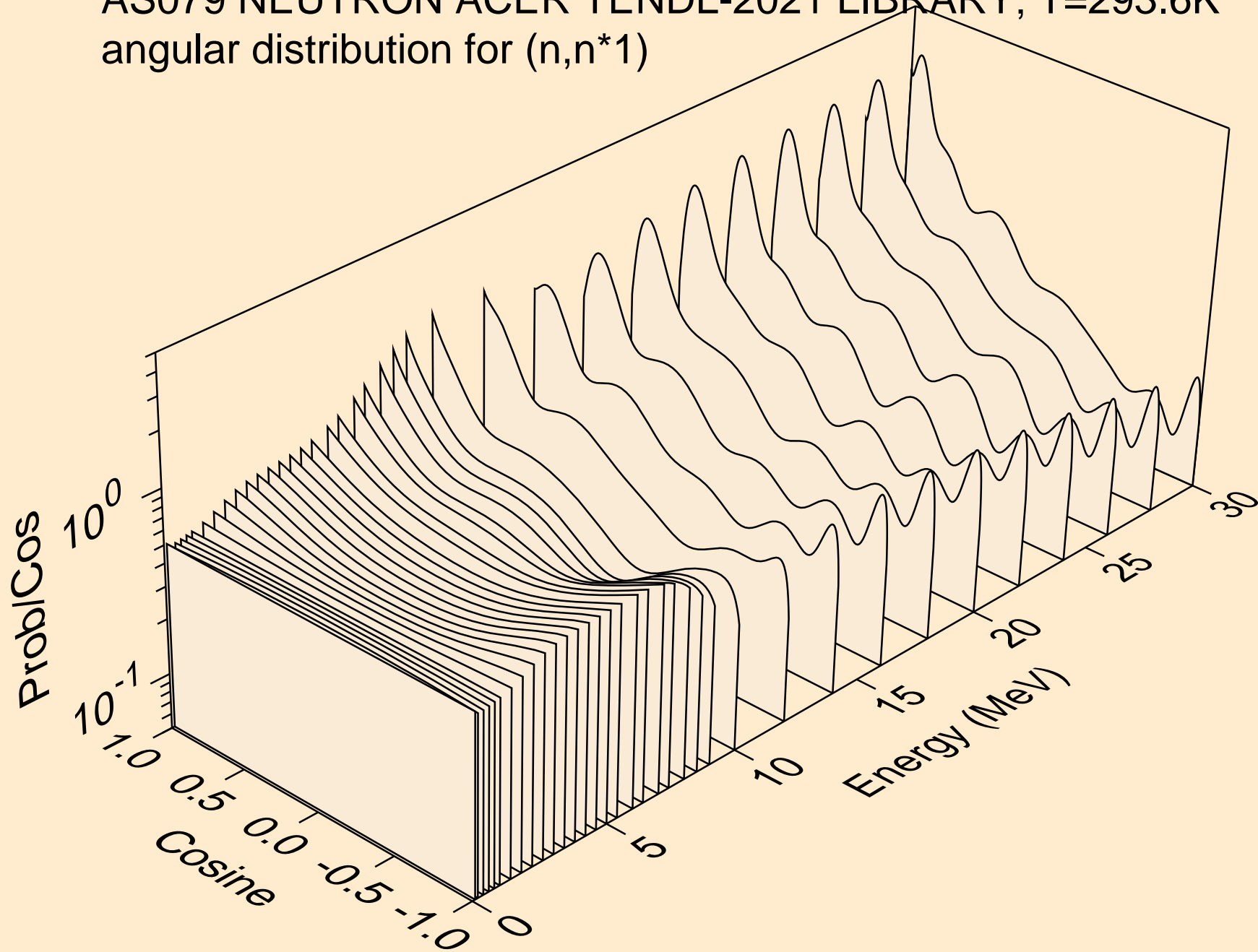
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

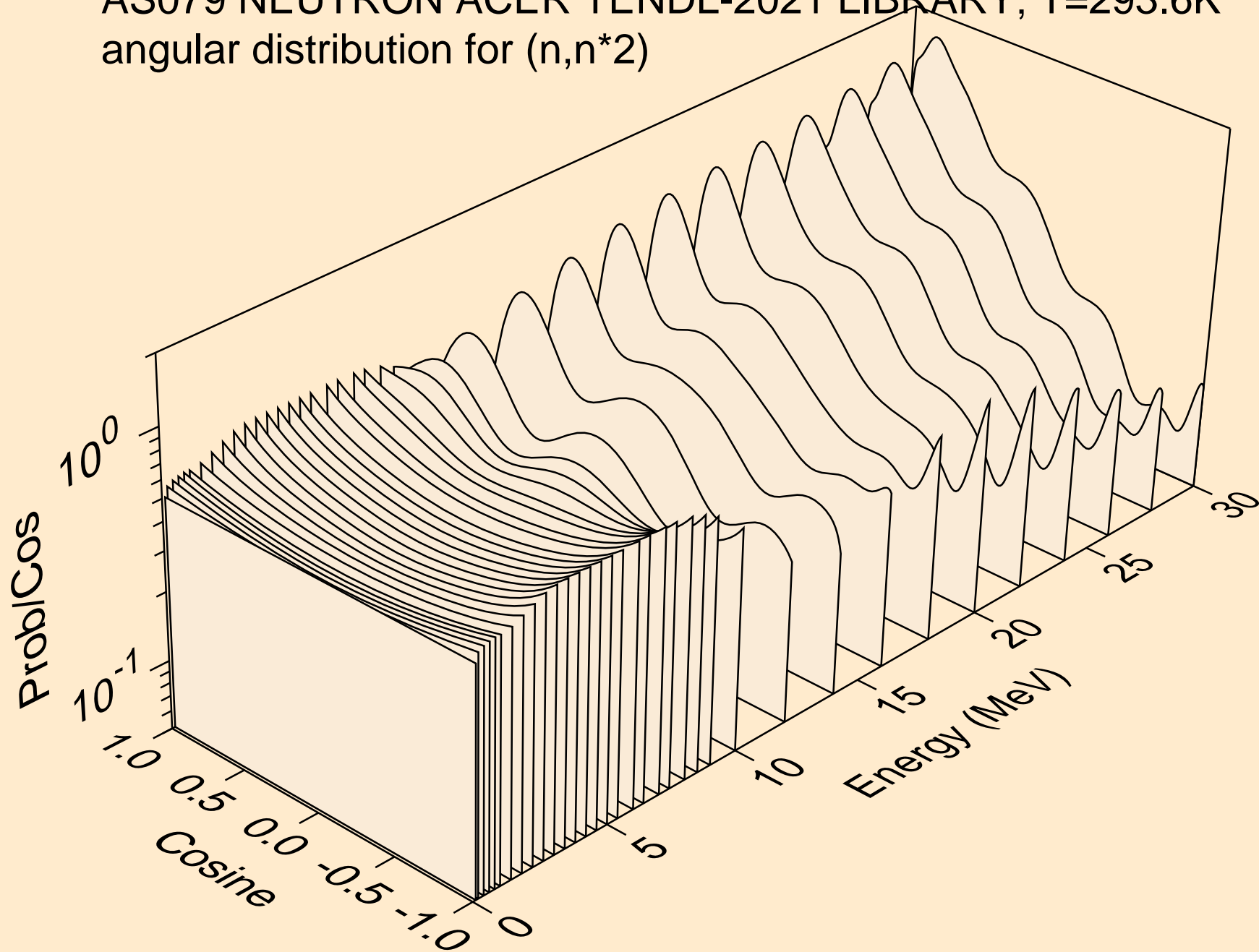


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

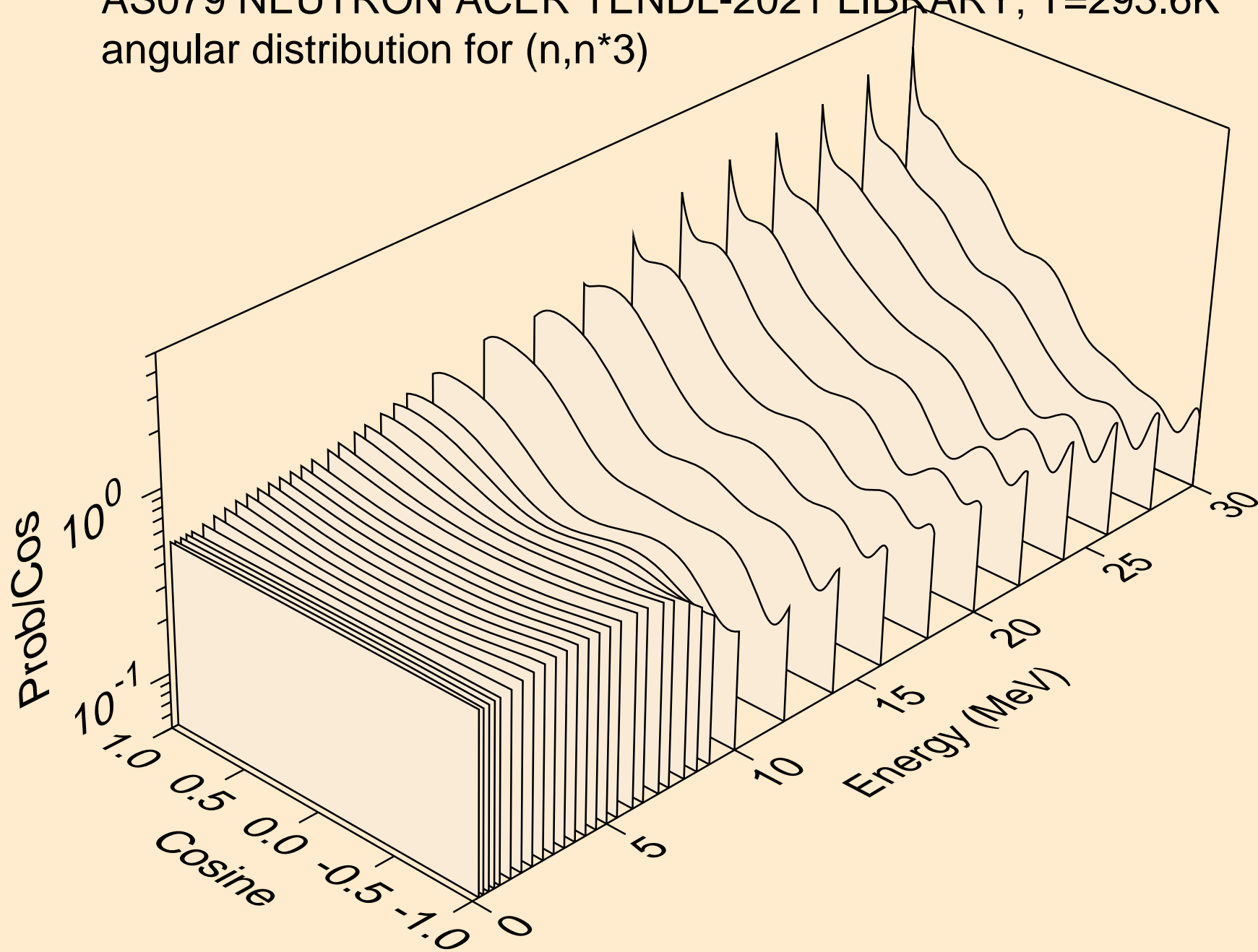




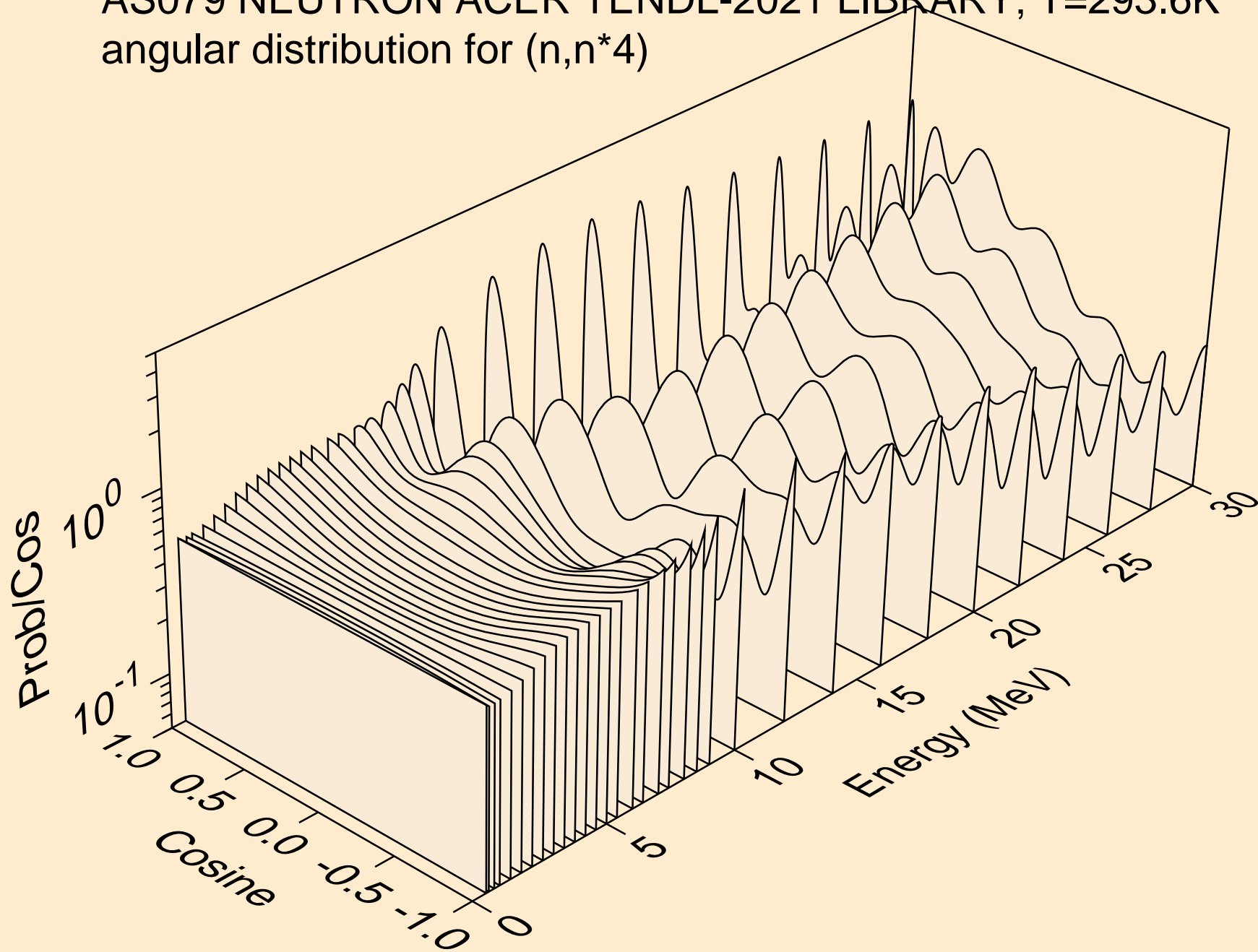
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angular distribution for (n,n\*2)



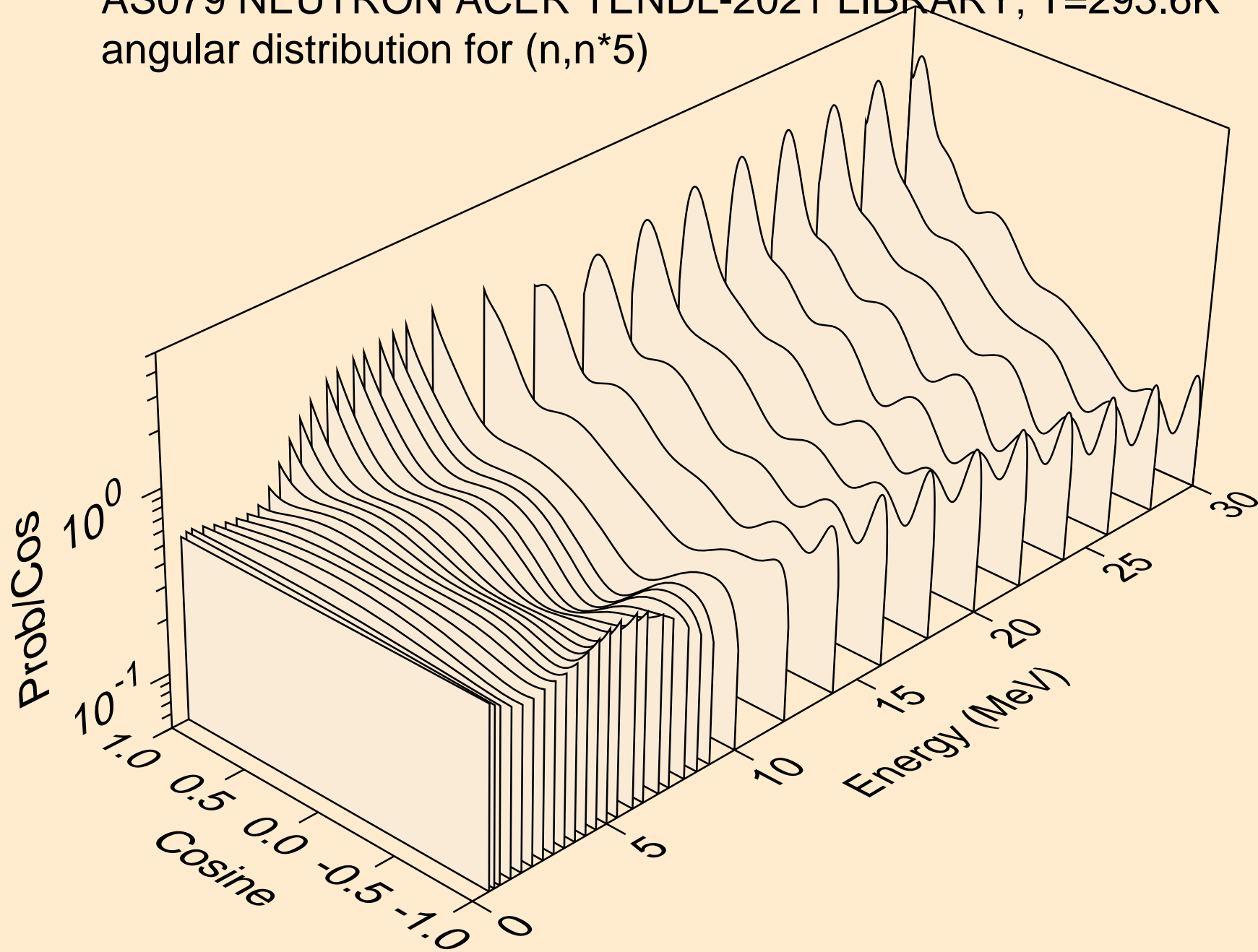
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angular distribution for (n,n\*3)



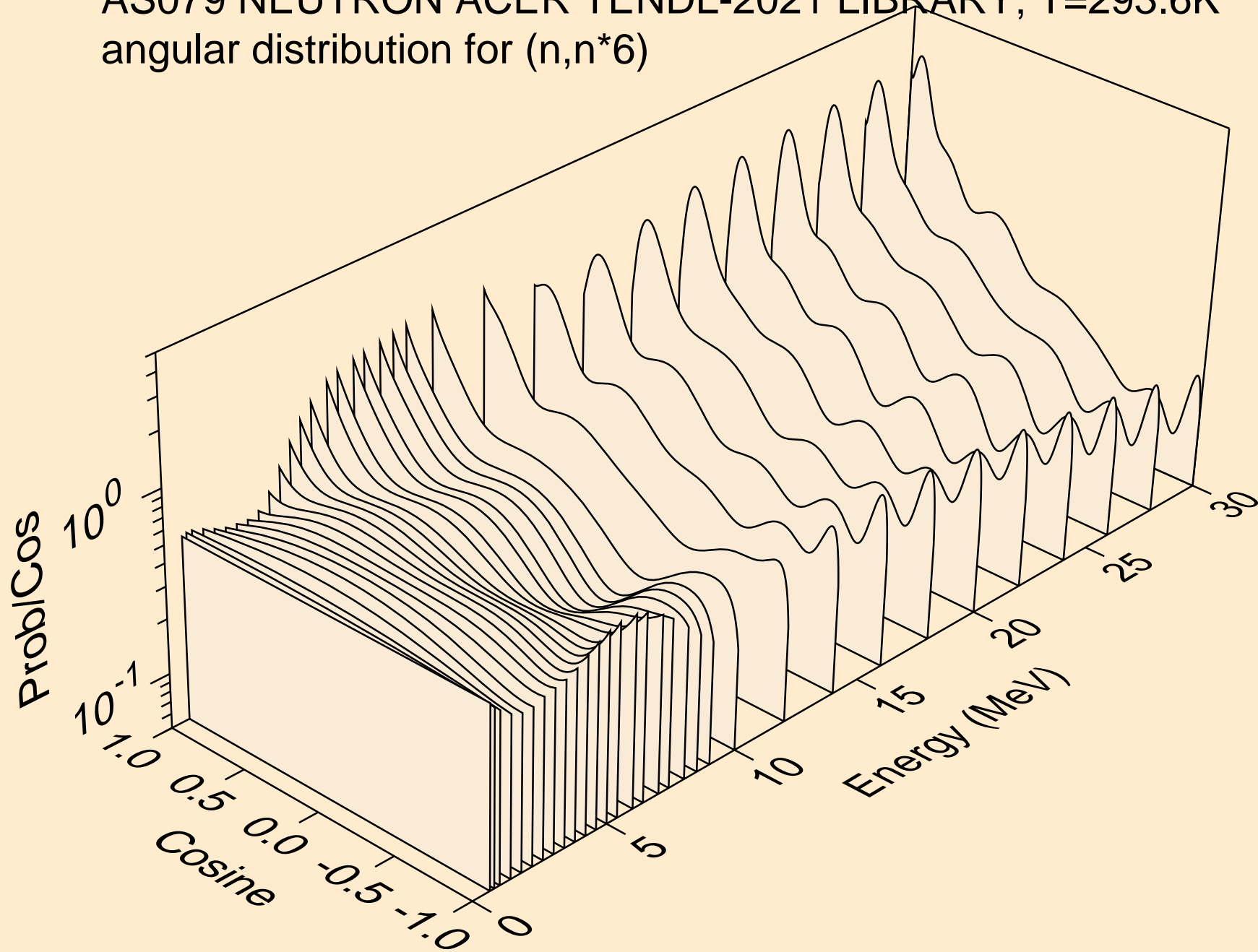
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angular distribution for (n,n\*4)



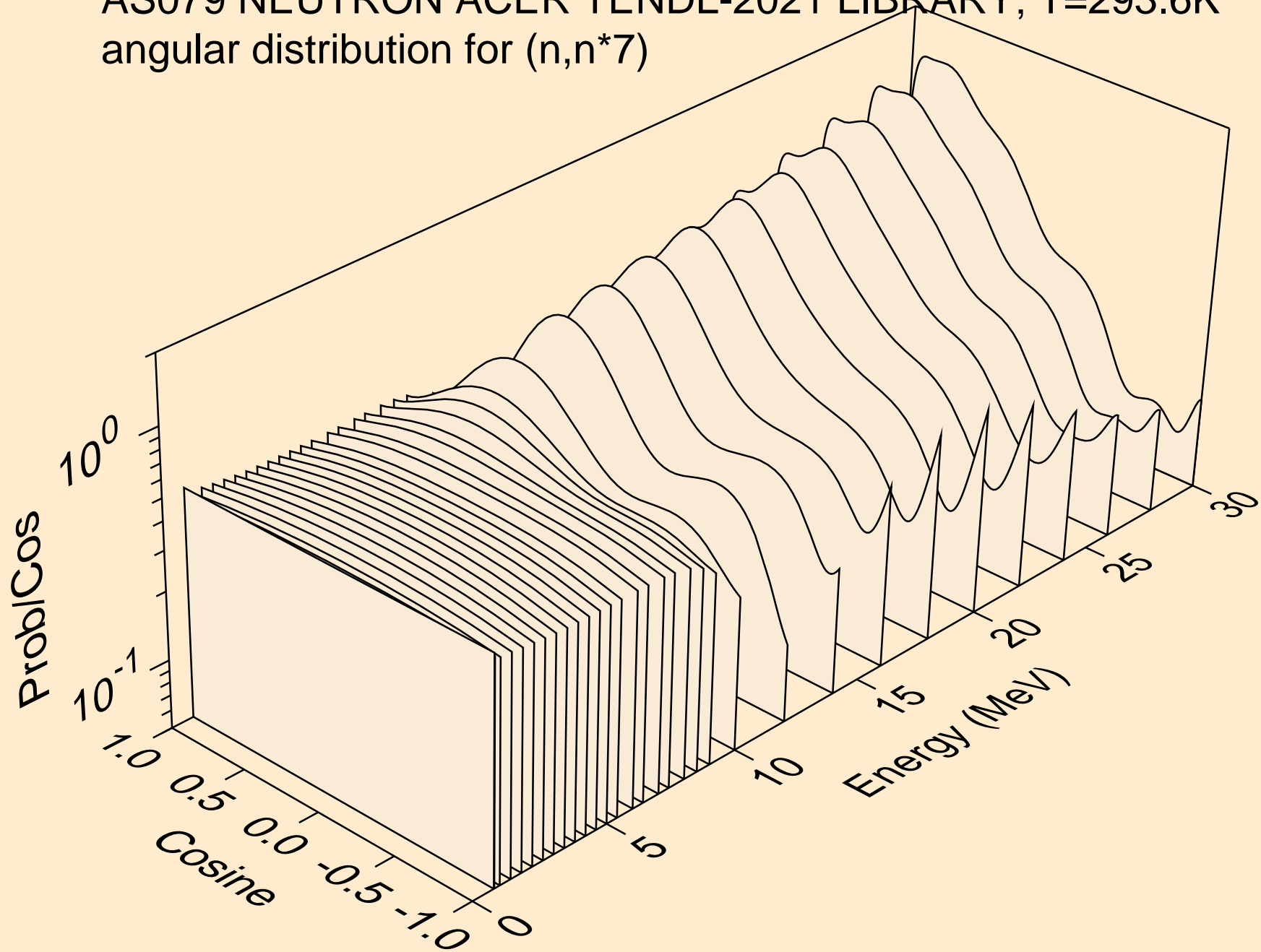
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angular distribution for (n,n\*5)



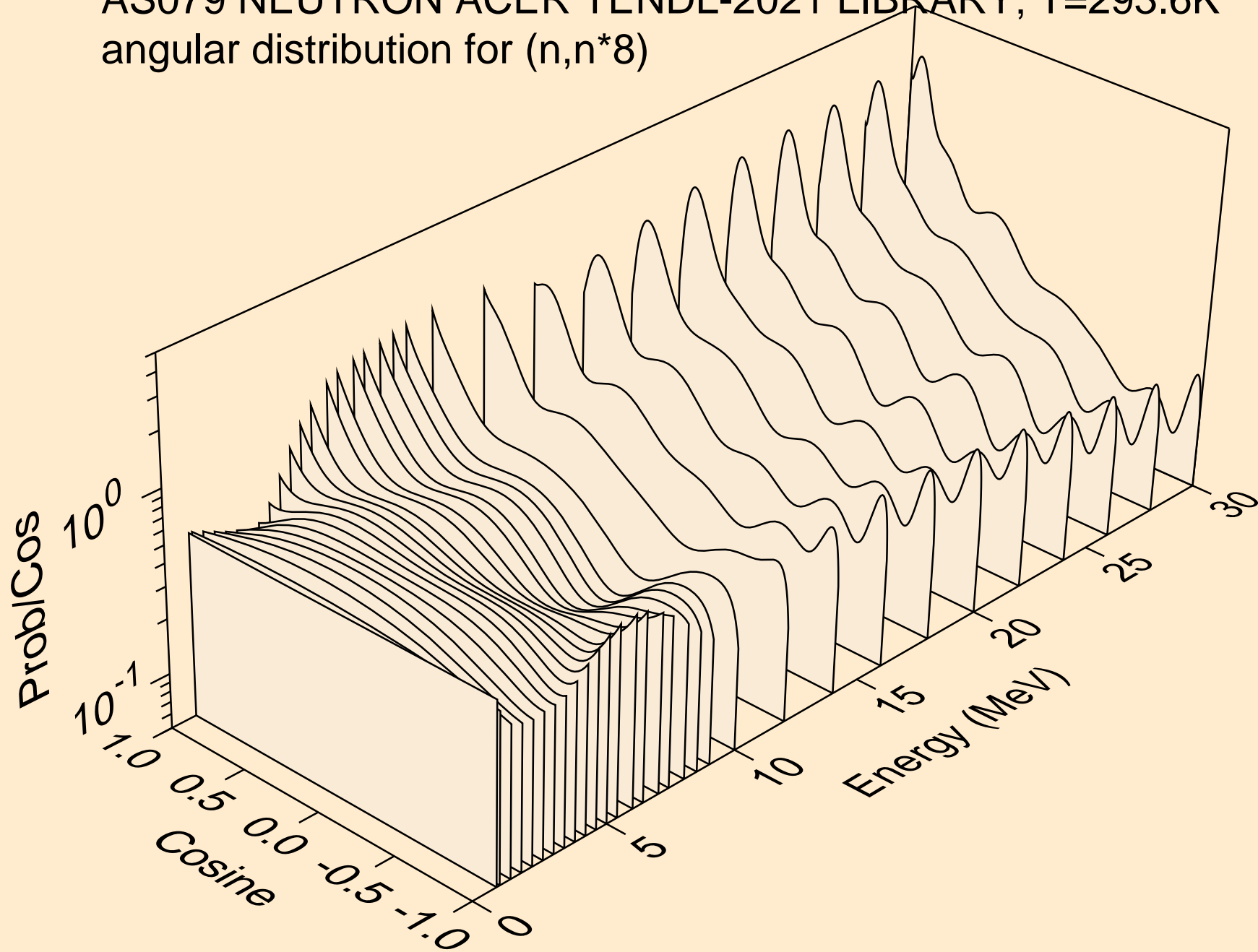
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angular distribution for (n,n\*6)



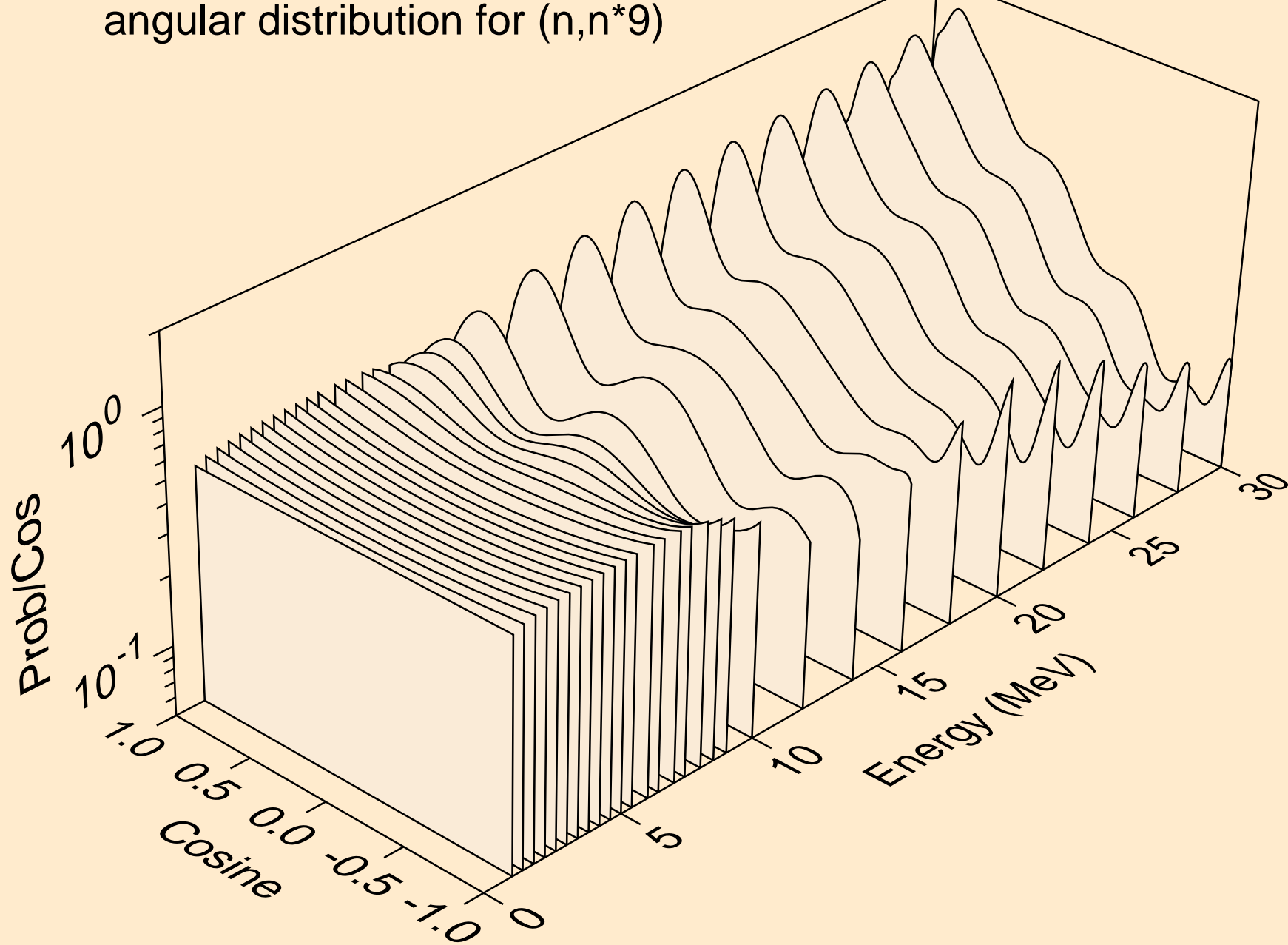
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

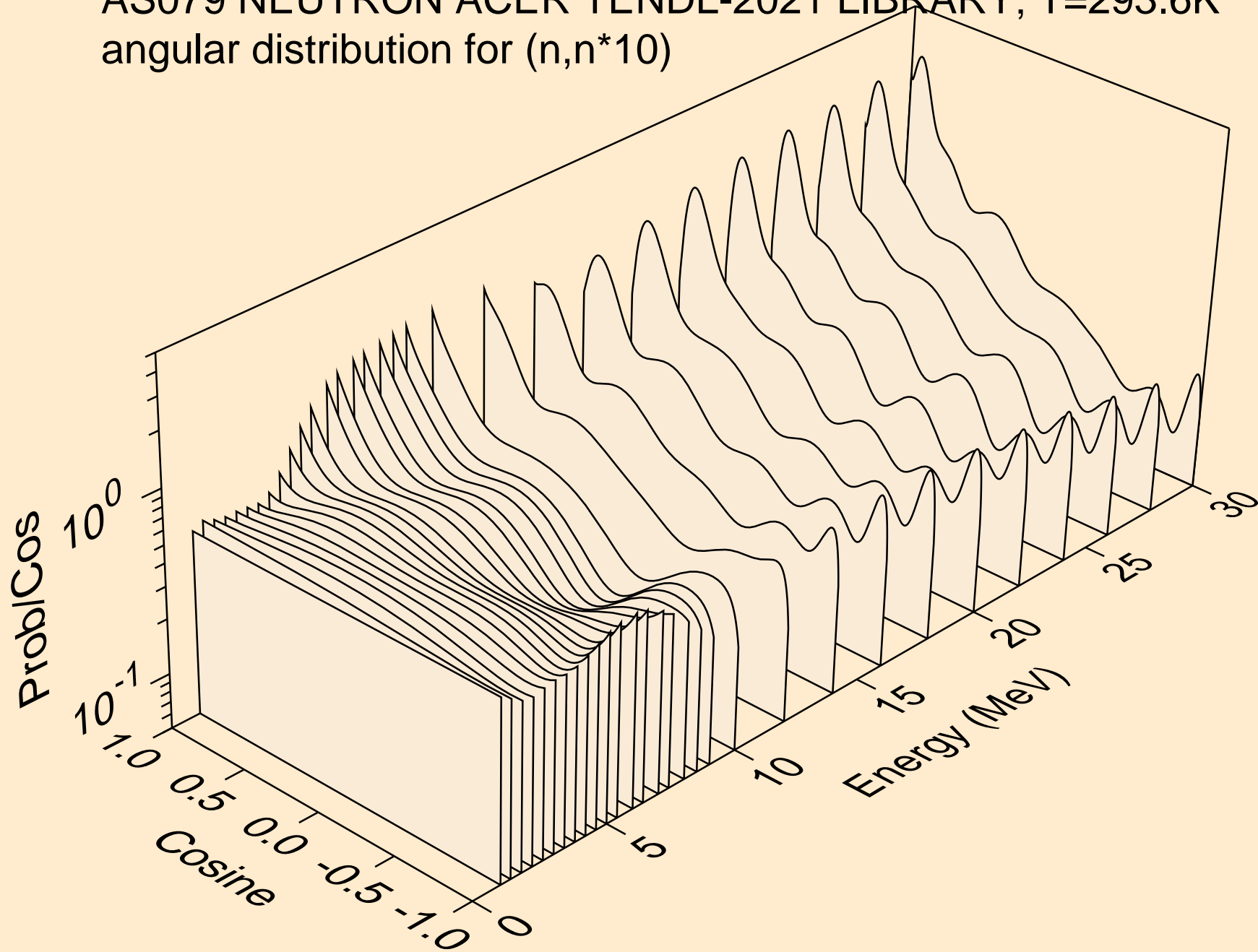


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angular distribution for (n,n\*9)

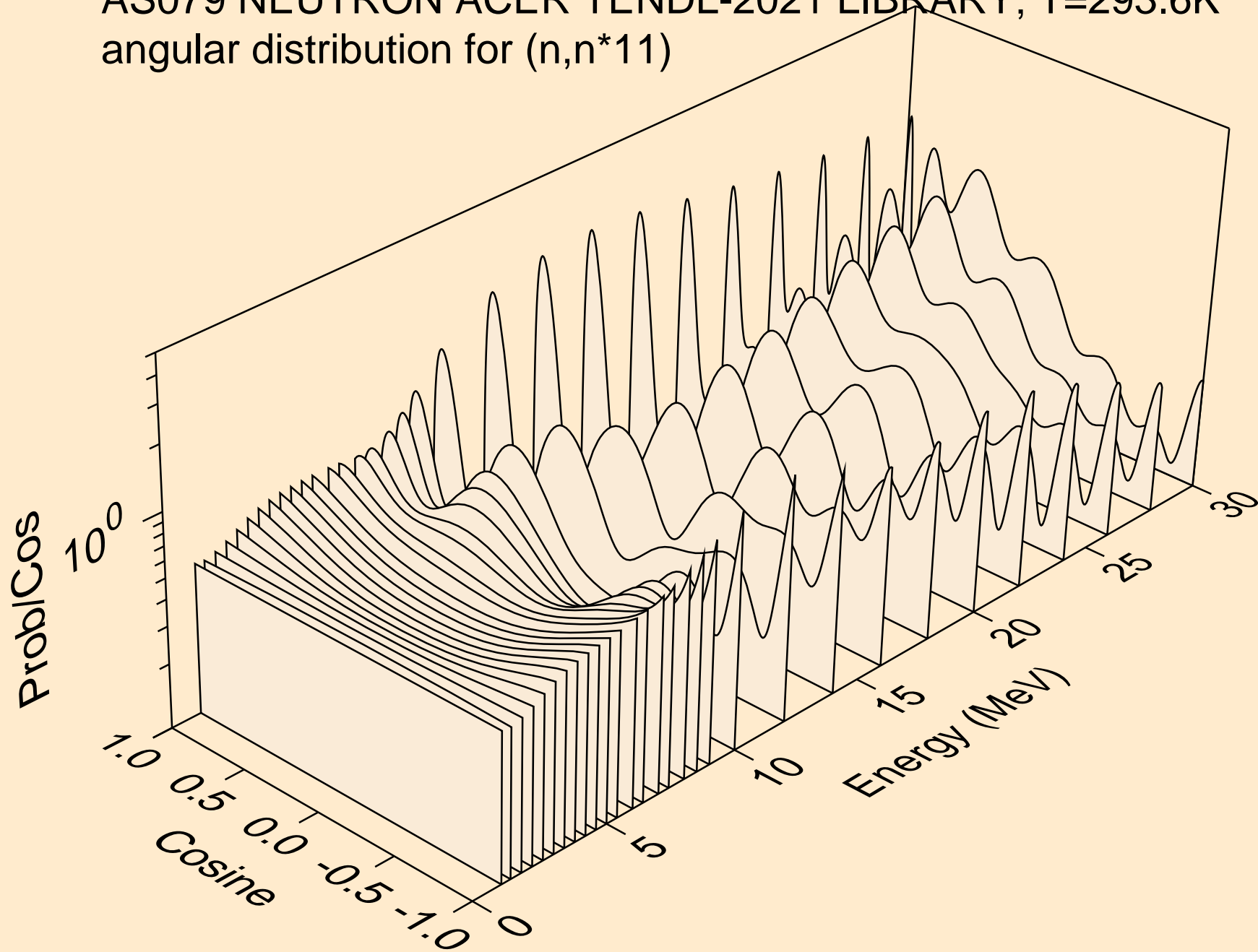




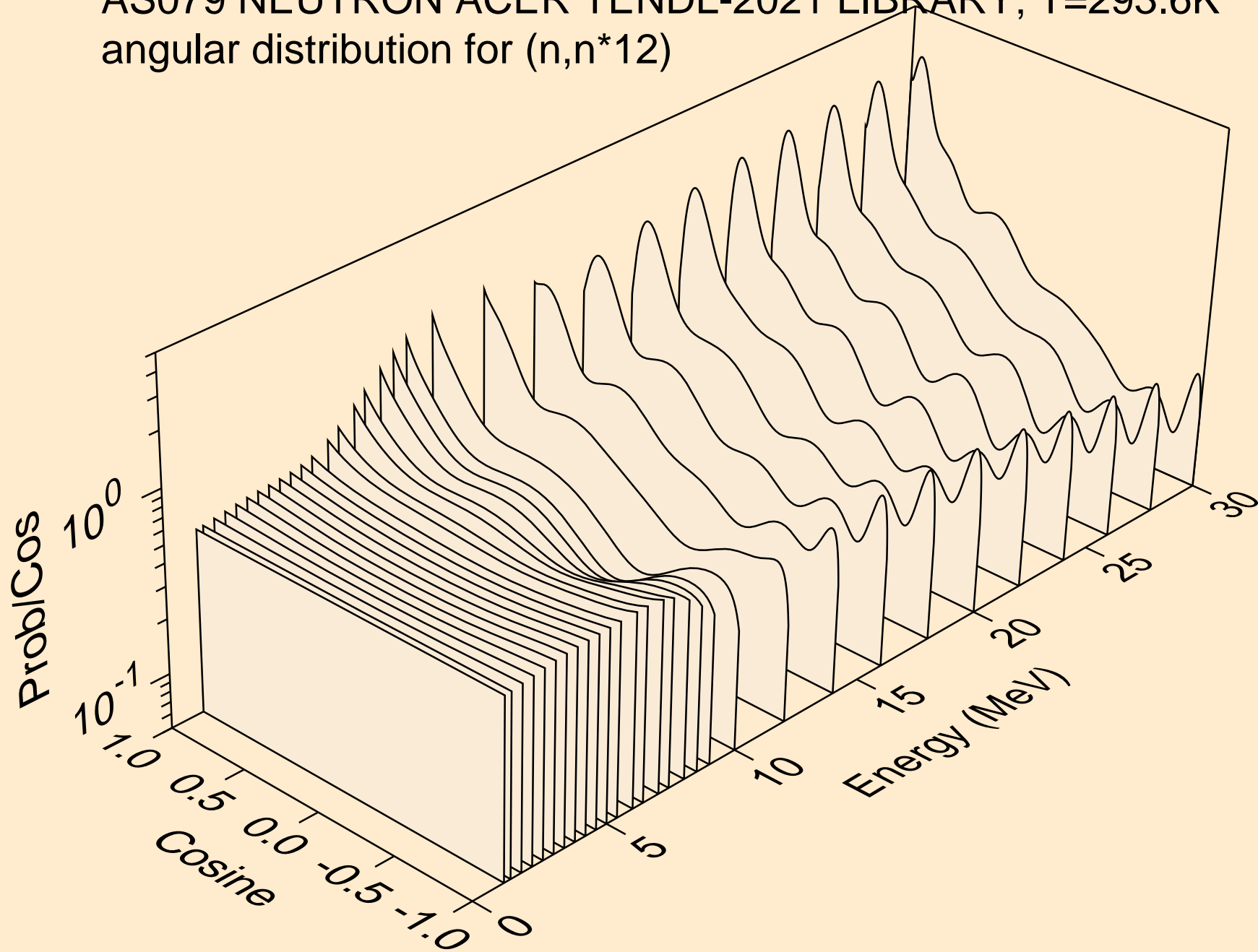
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angular distribution for (n,n\*10)



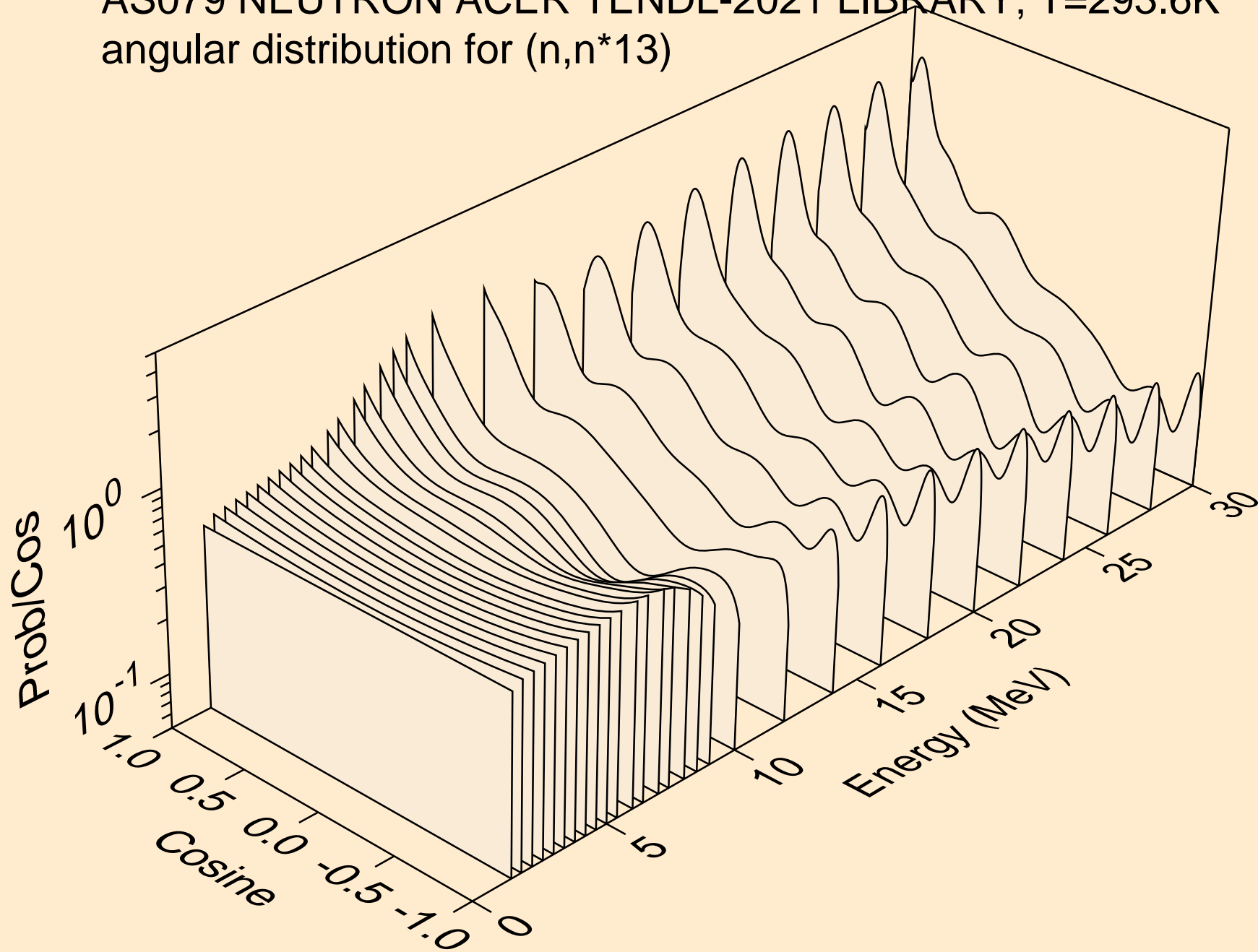
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angular distribution for (n,n\*11)



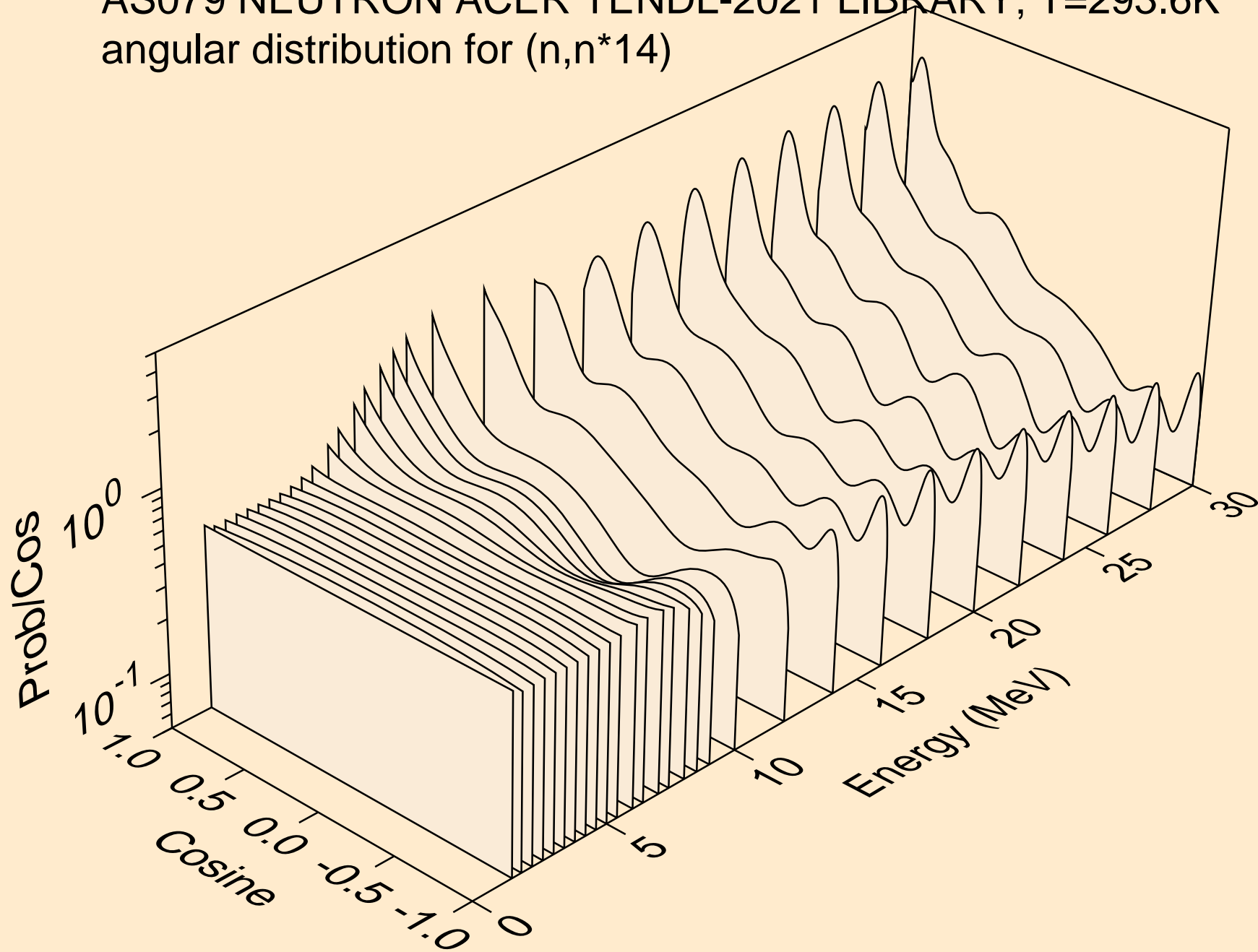
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angular distribution for (n,n\*12)



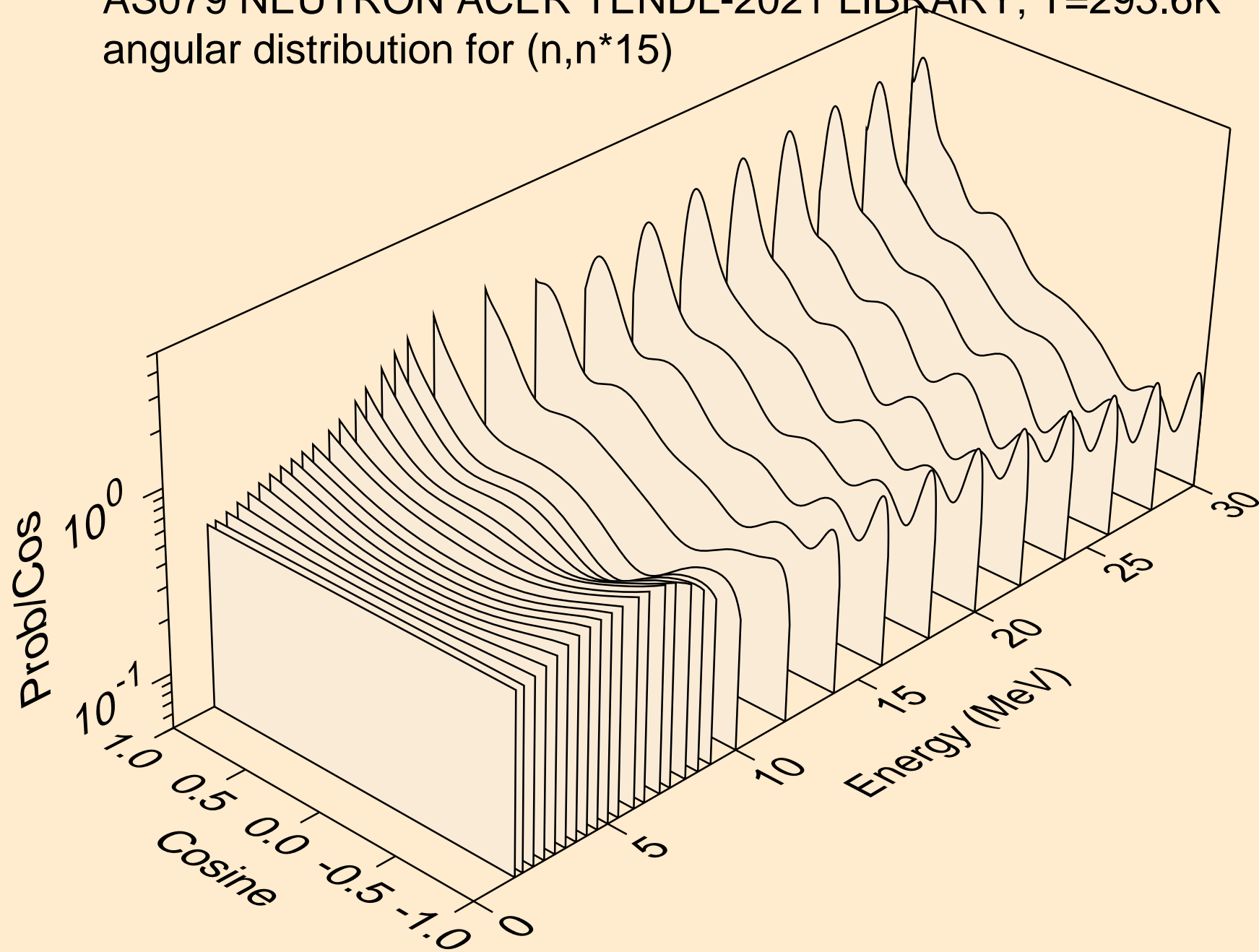
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angular distribution for (n,n\*13)



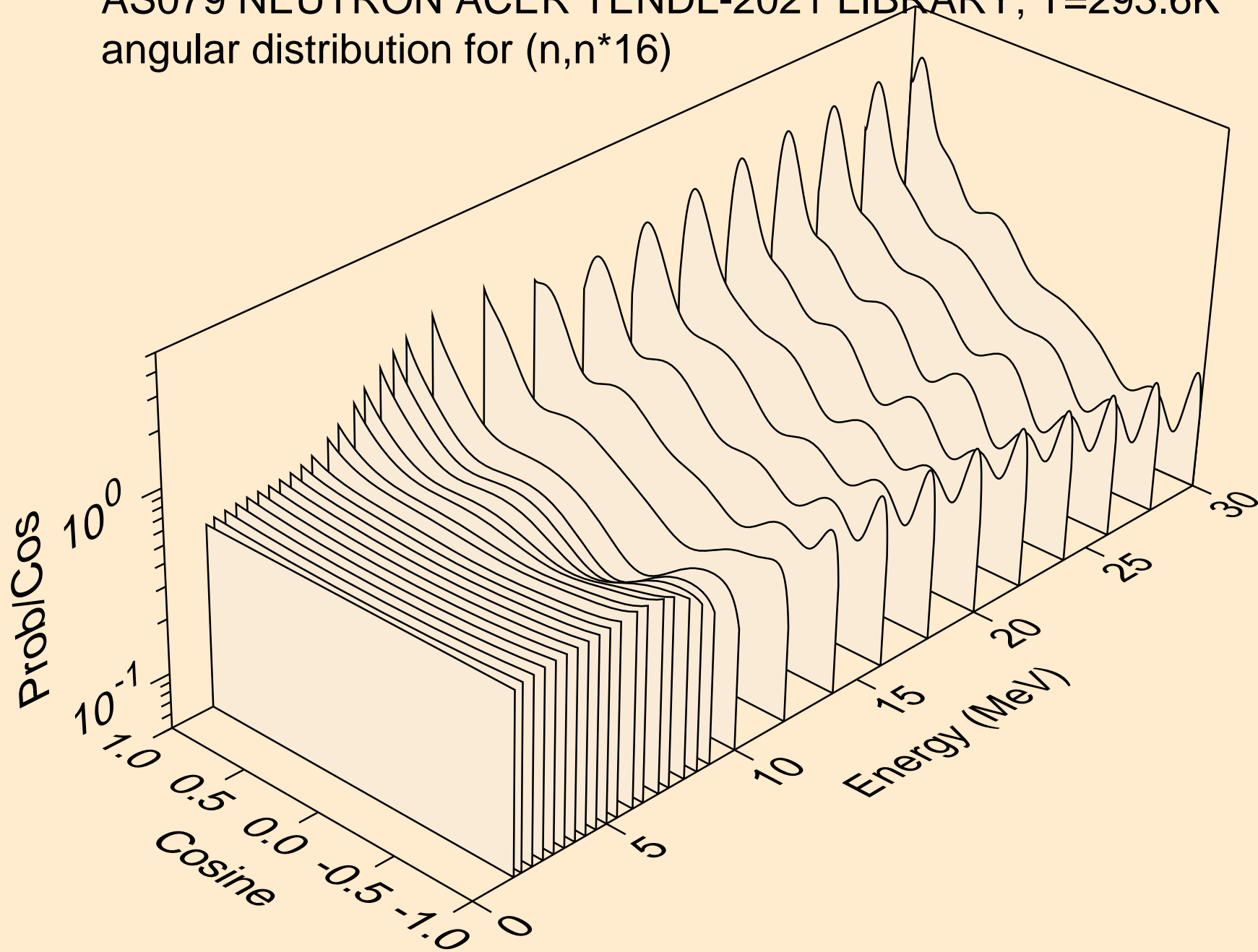
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angular distribution for (n,n\*14)



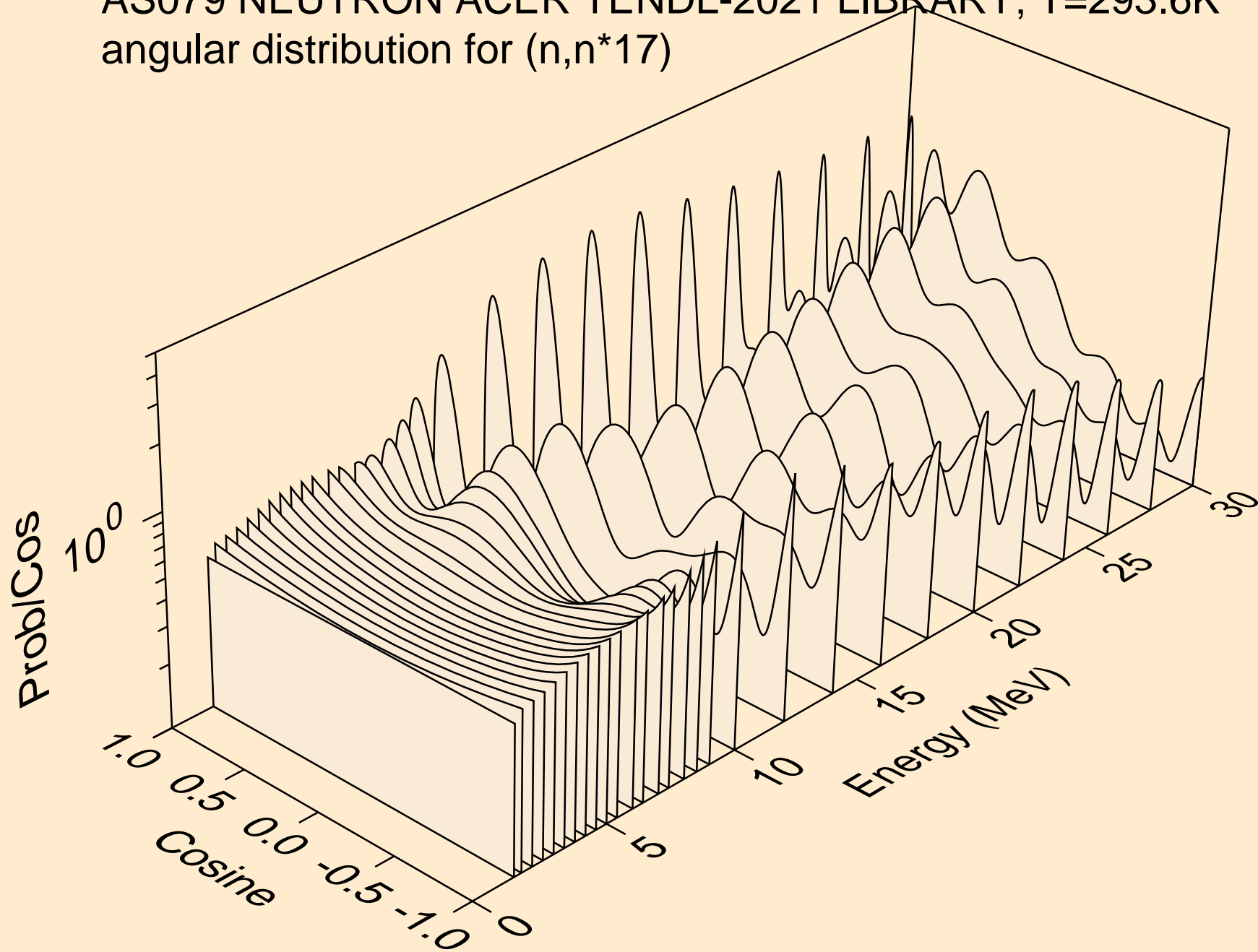
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

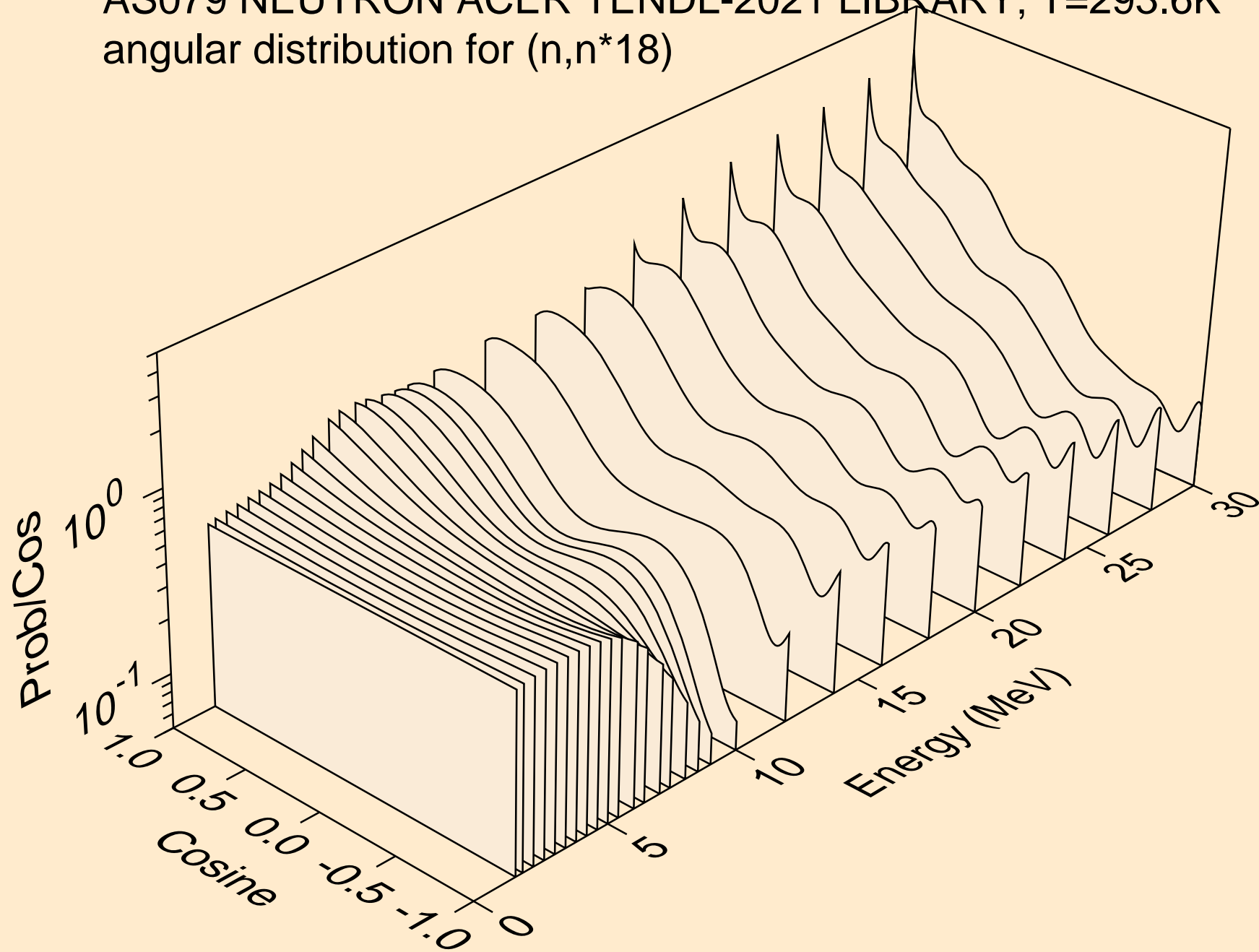


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angular distribution for (n,n\*17)

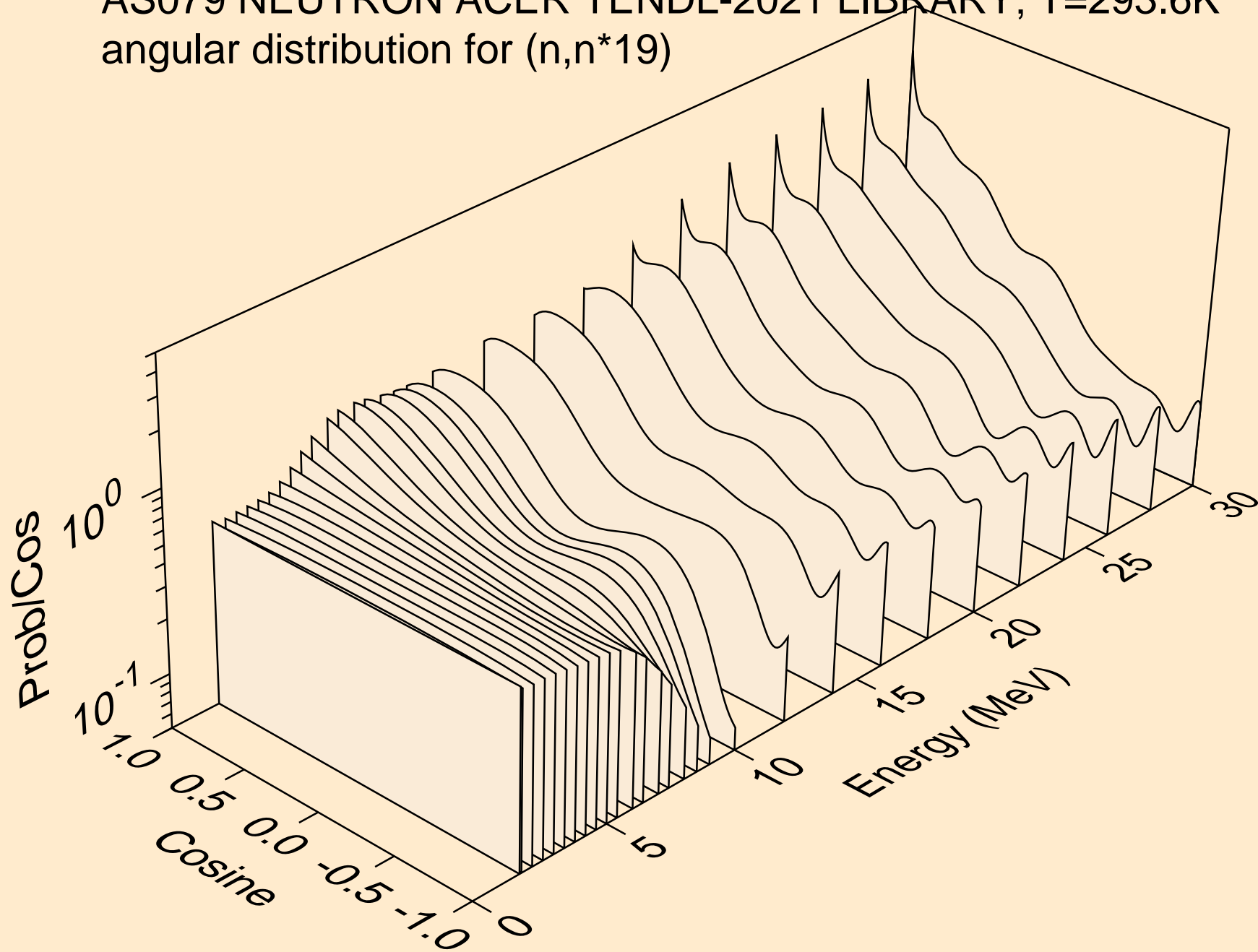




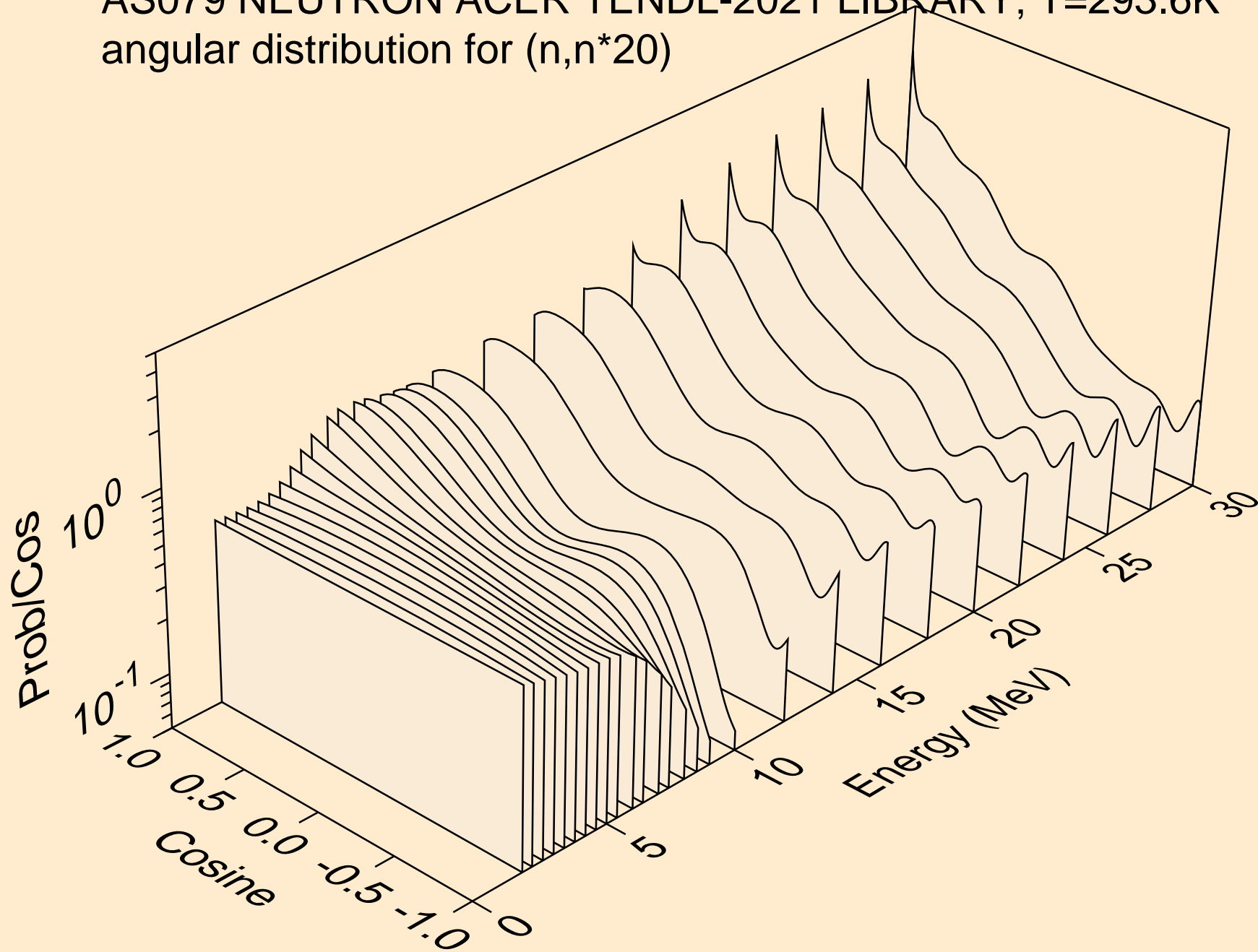
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angular distribution for (n,n\*18)



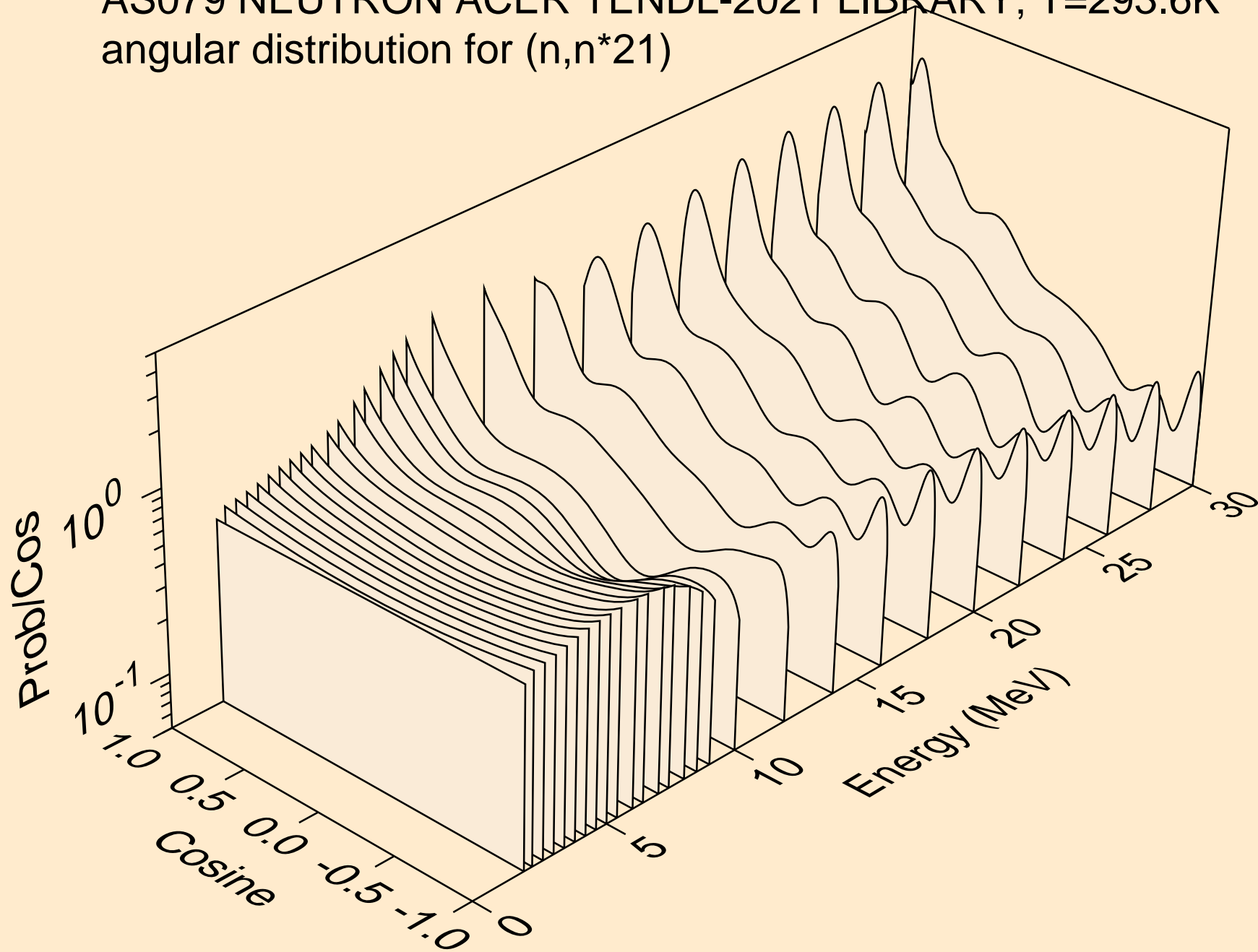
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angular distribution for (n,n\*19)



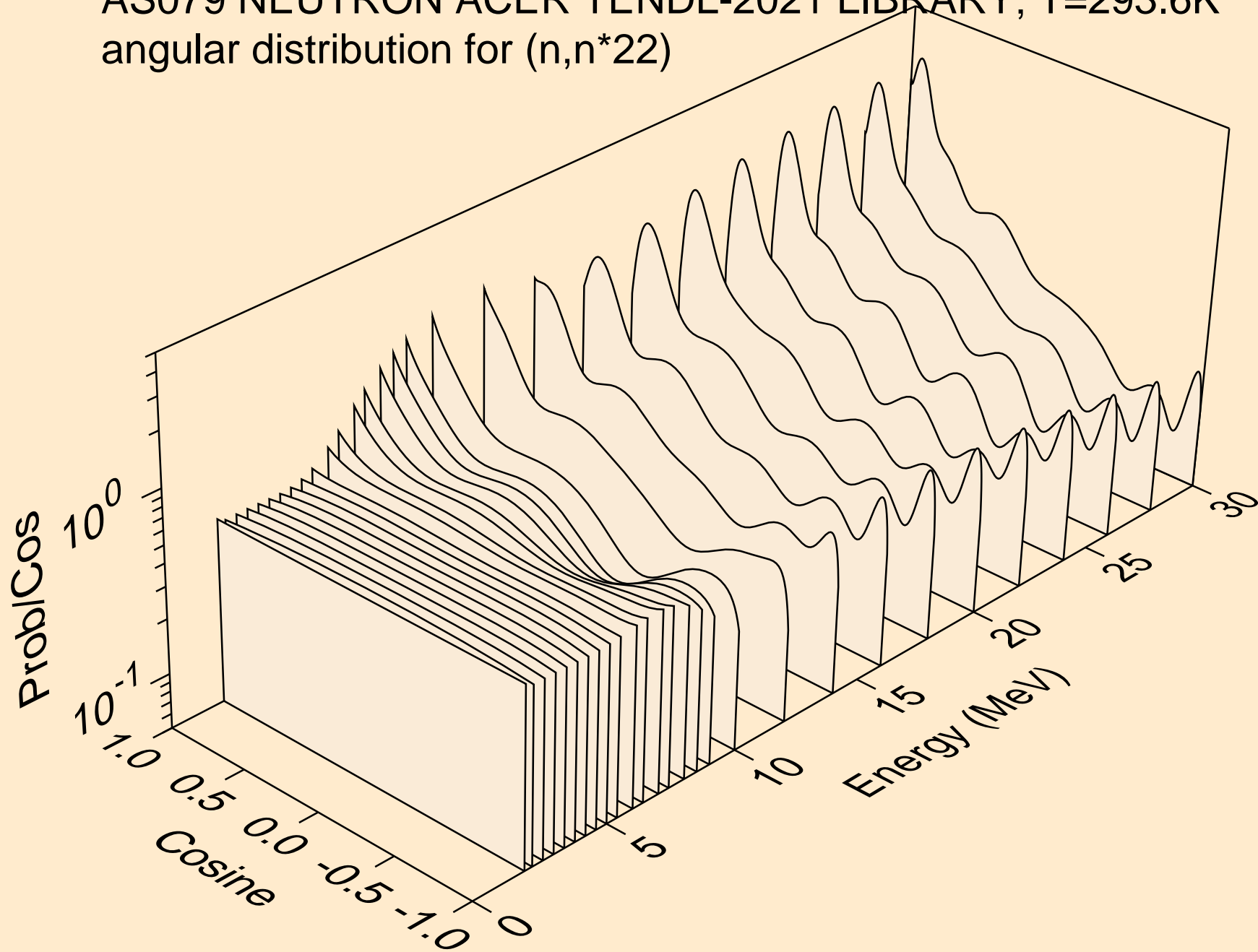
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angular distribution for (n,n\*20)



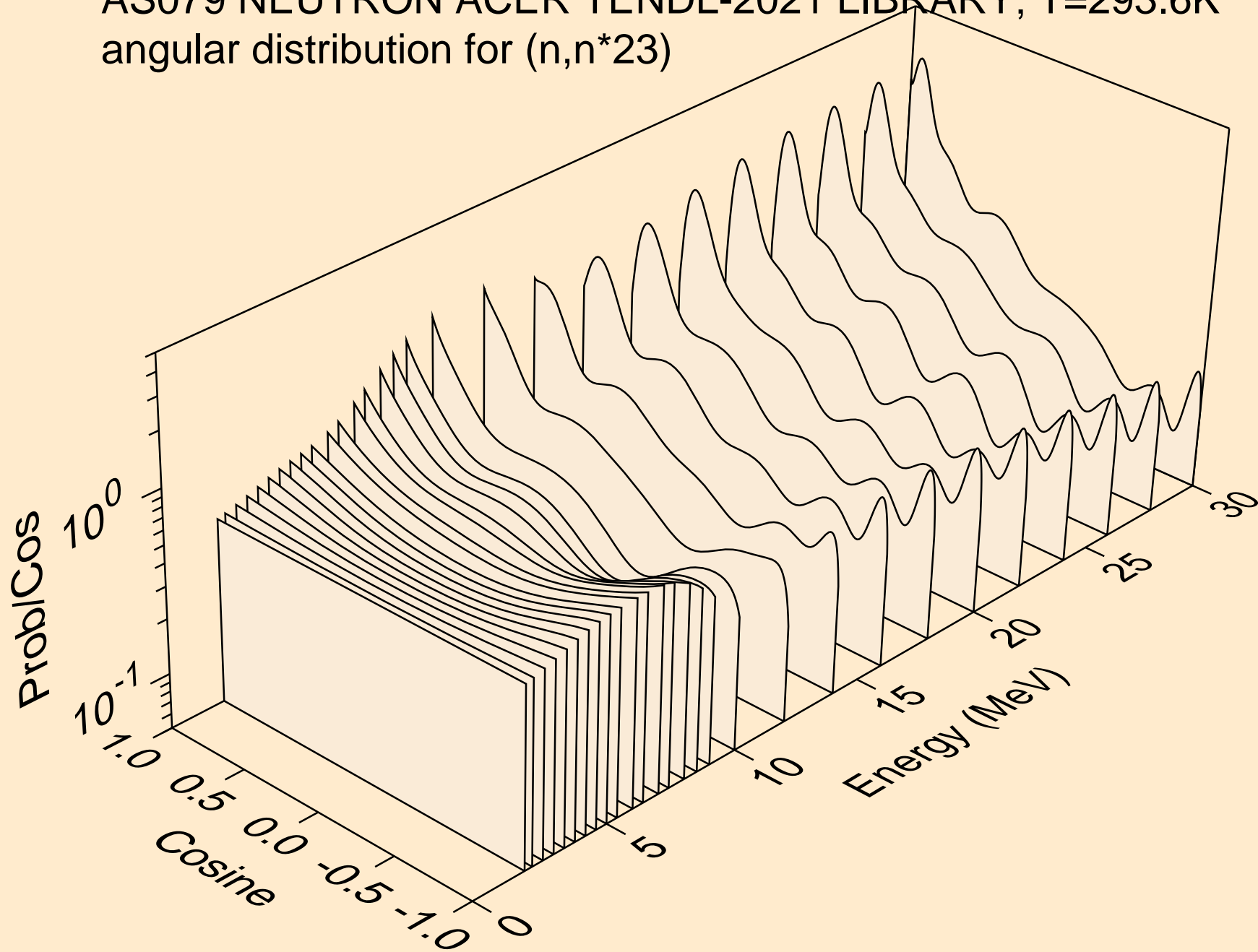
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angular distribution for (n,n\*21)



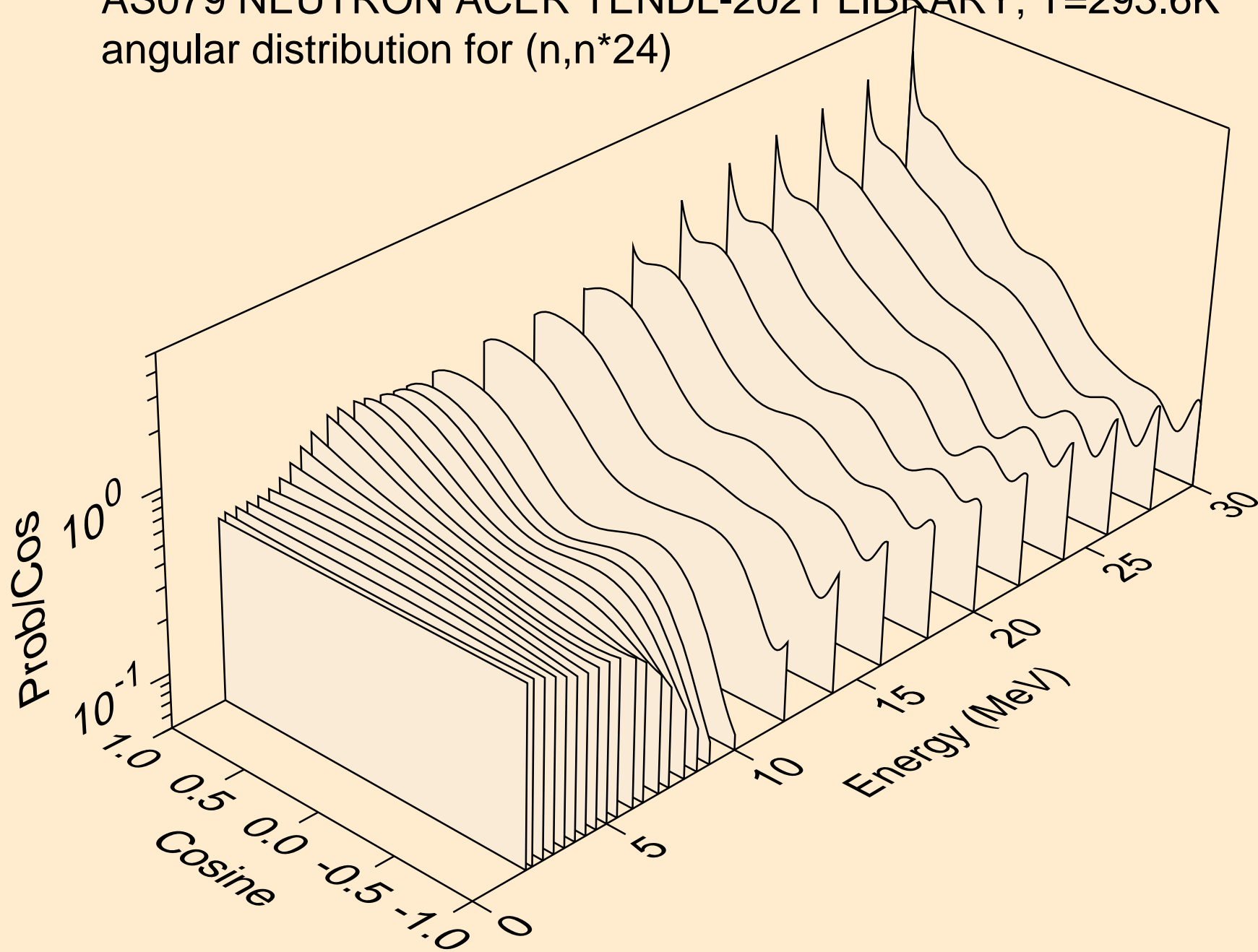
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angular distribution for (n,n\*22)



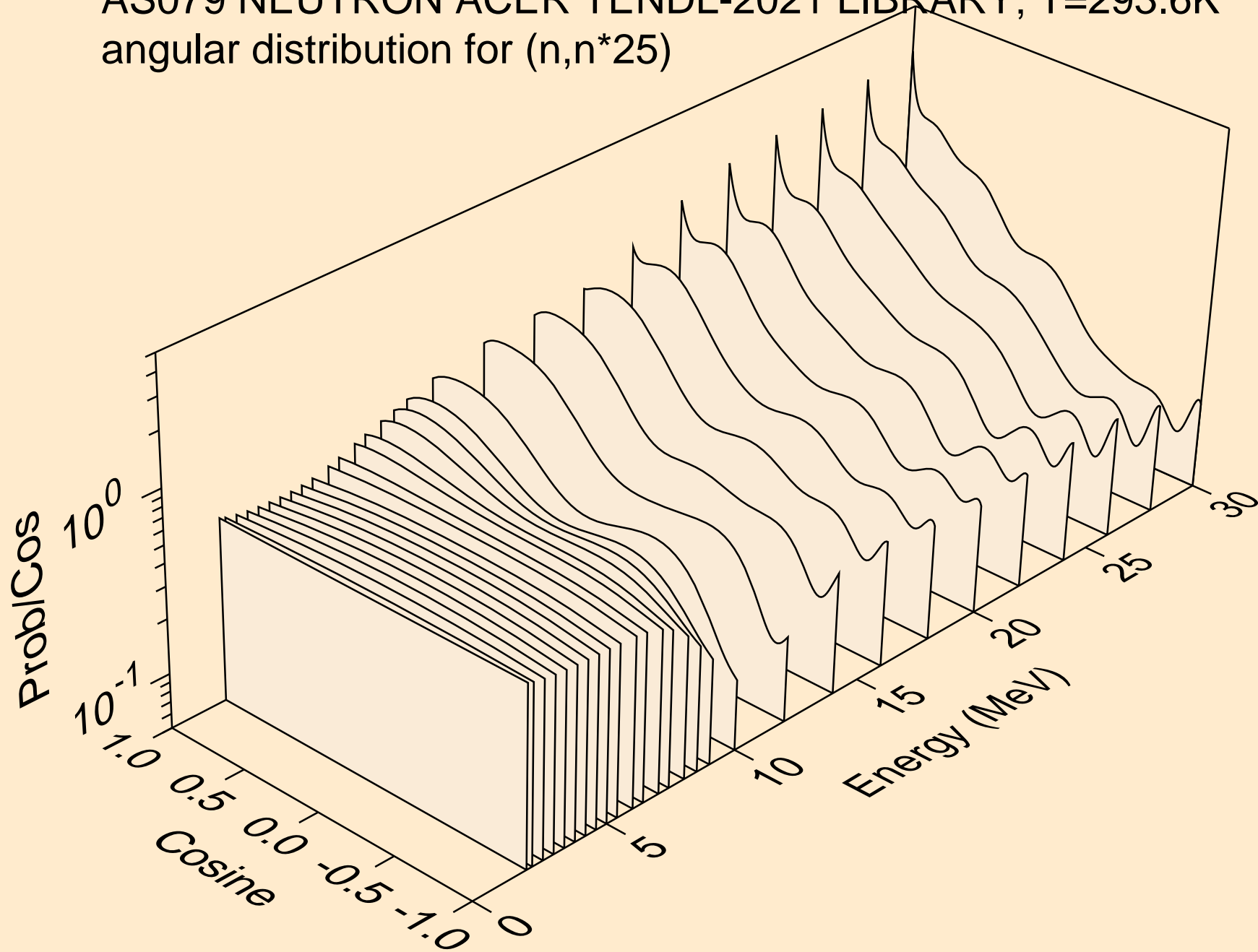
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

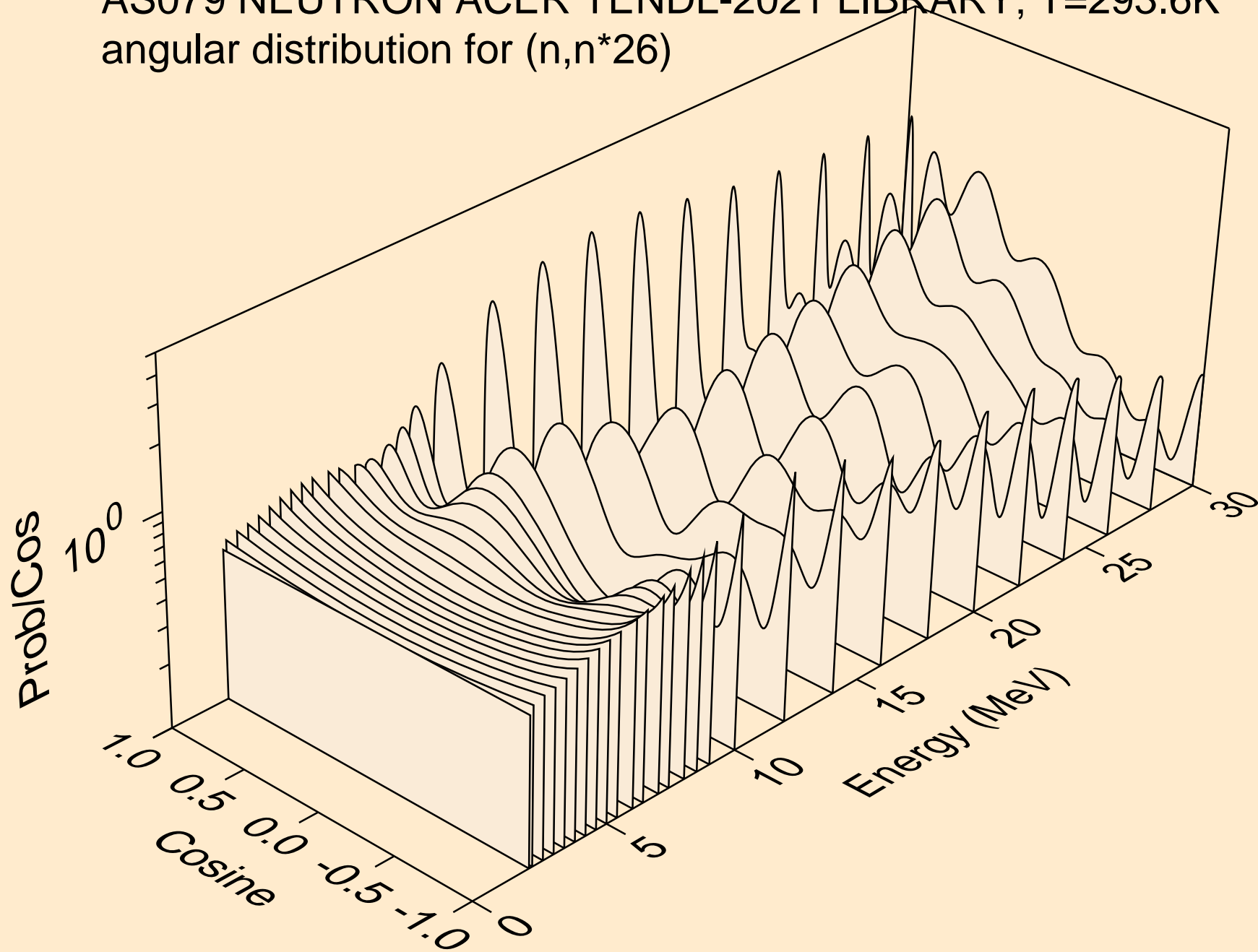


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angular distribution for (n,n\*25)

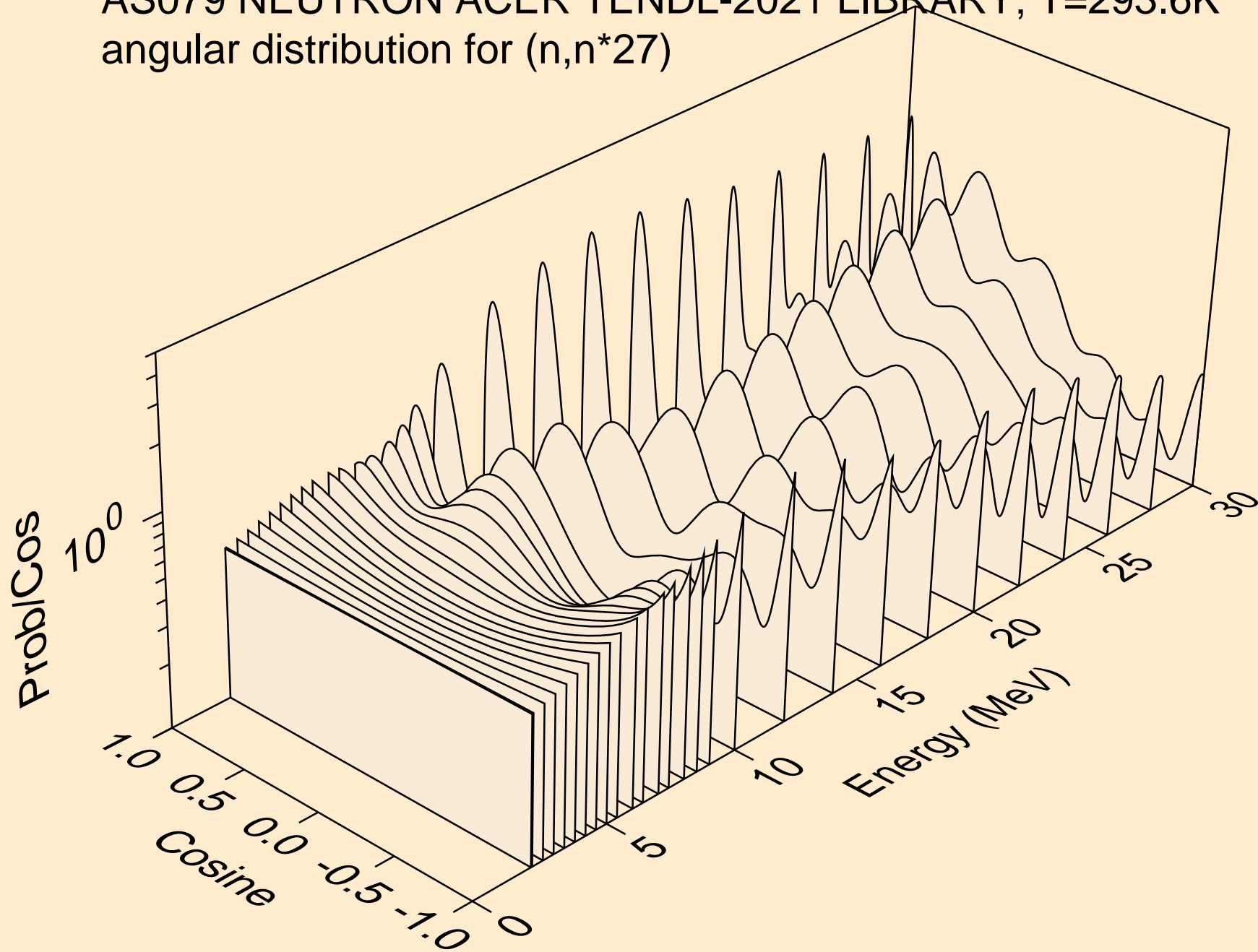




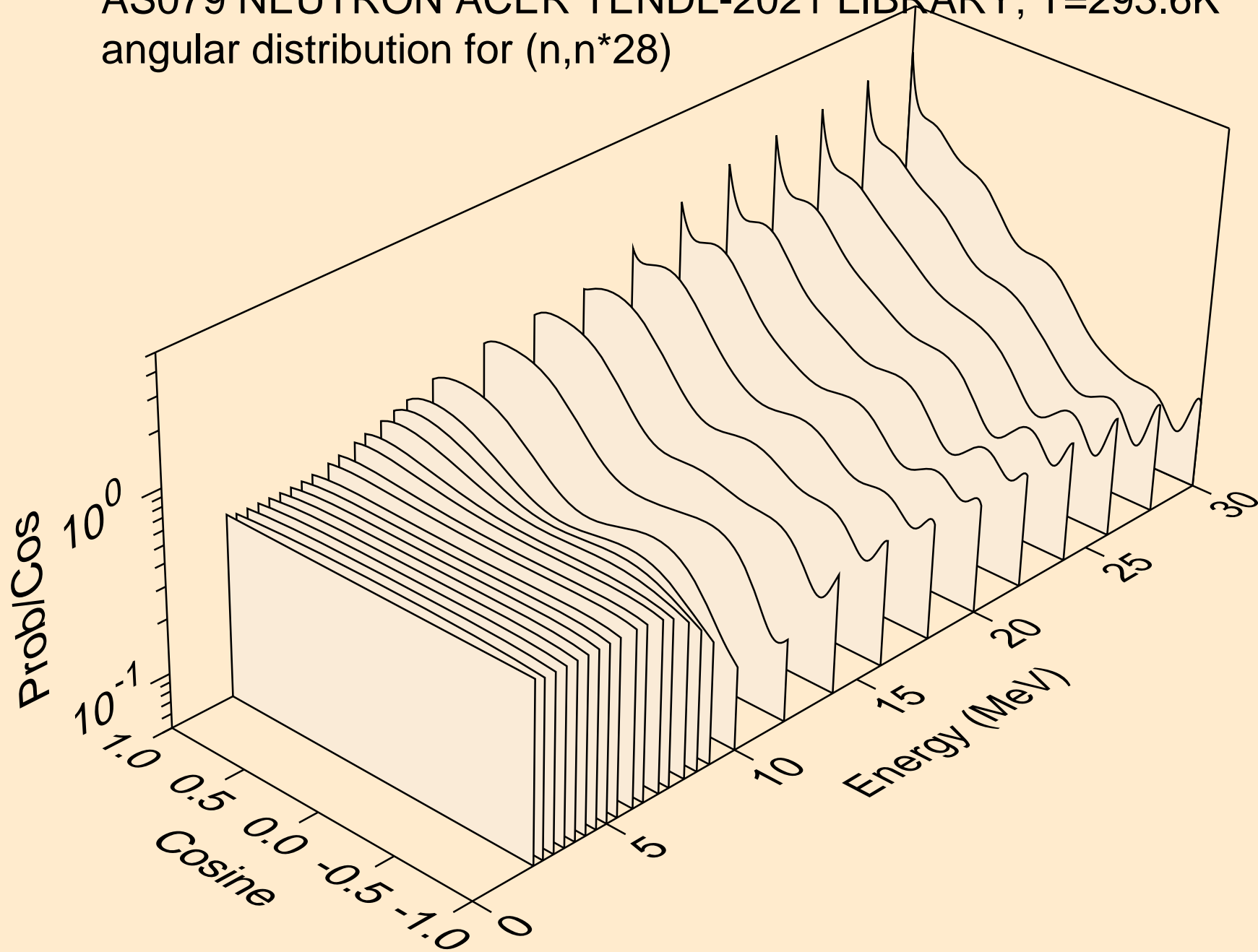
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



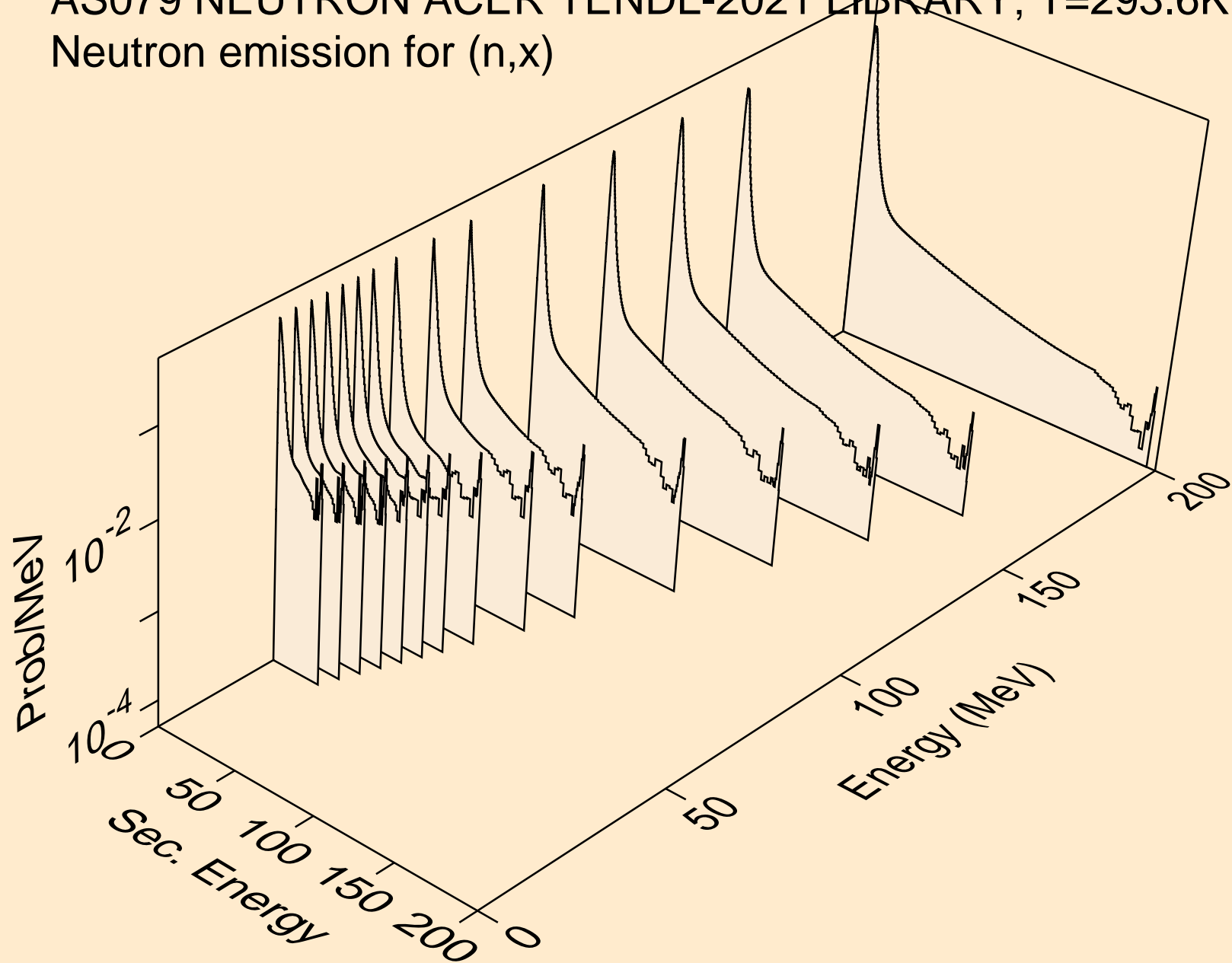
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



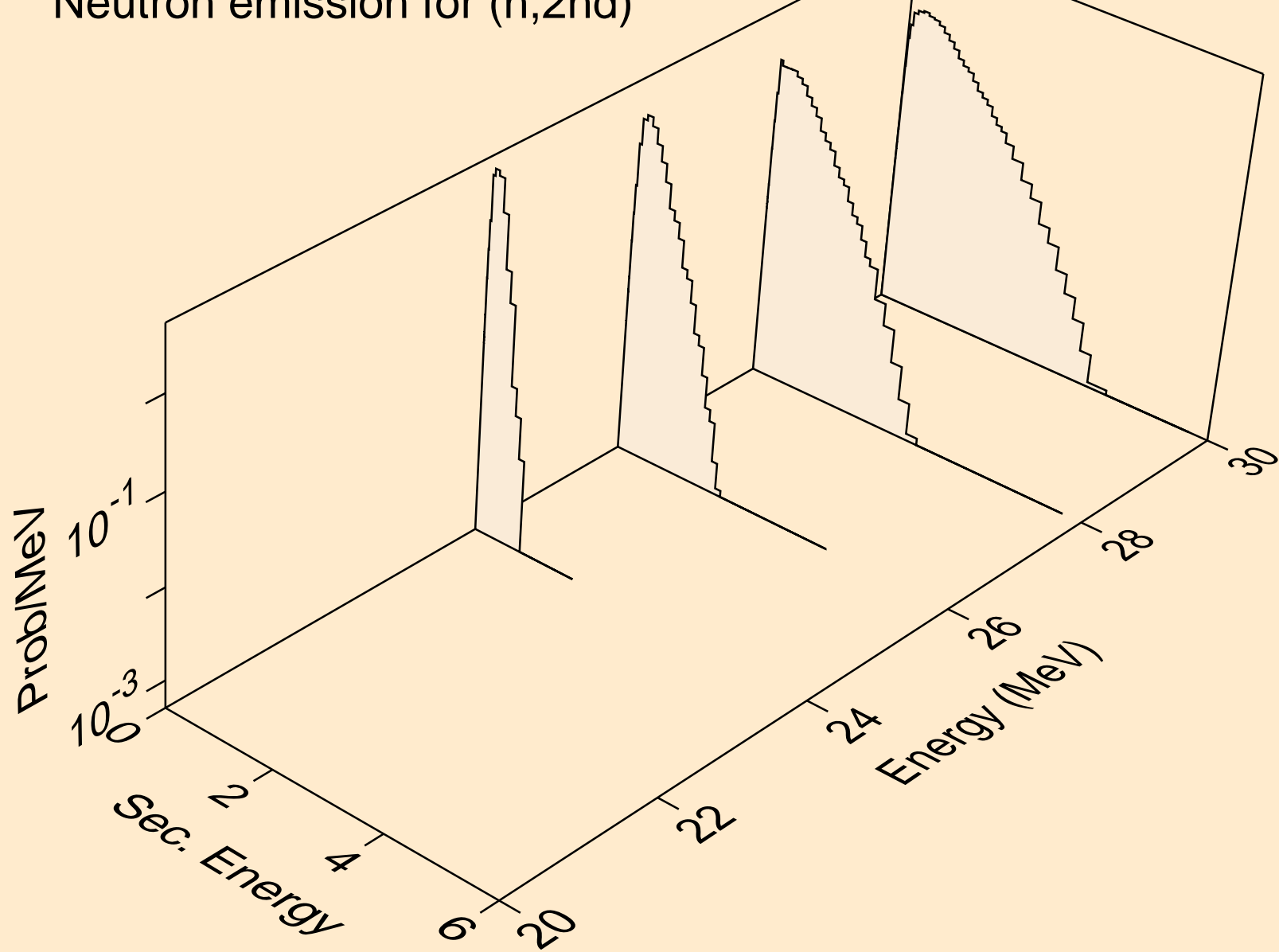
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



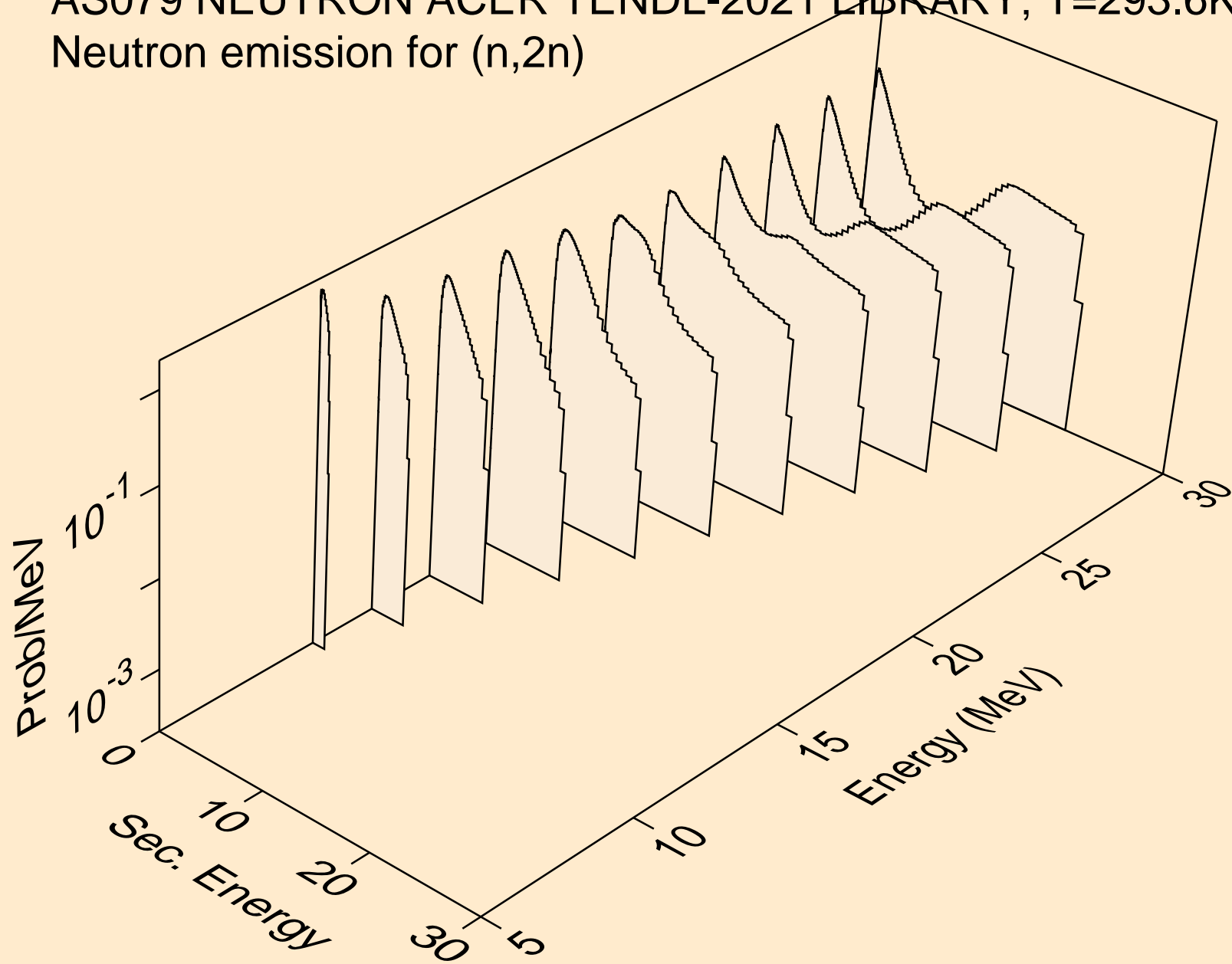
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



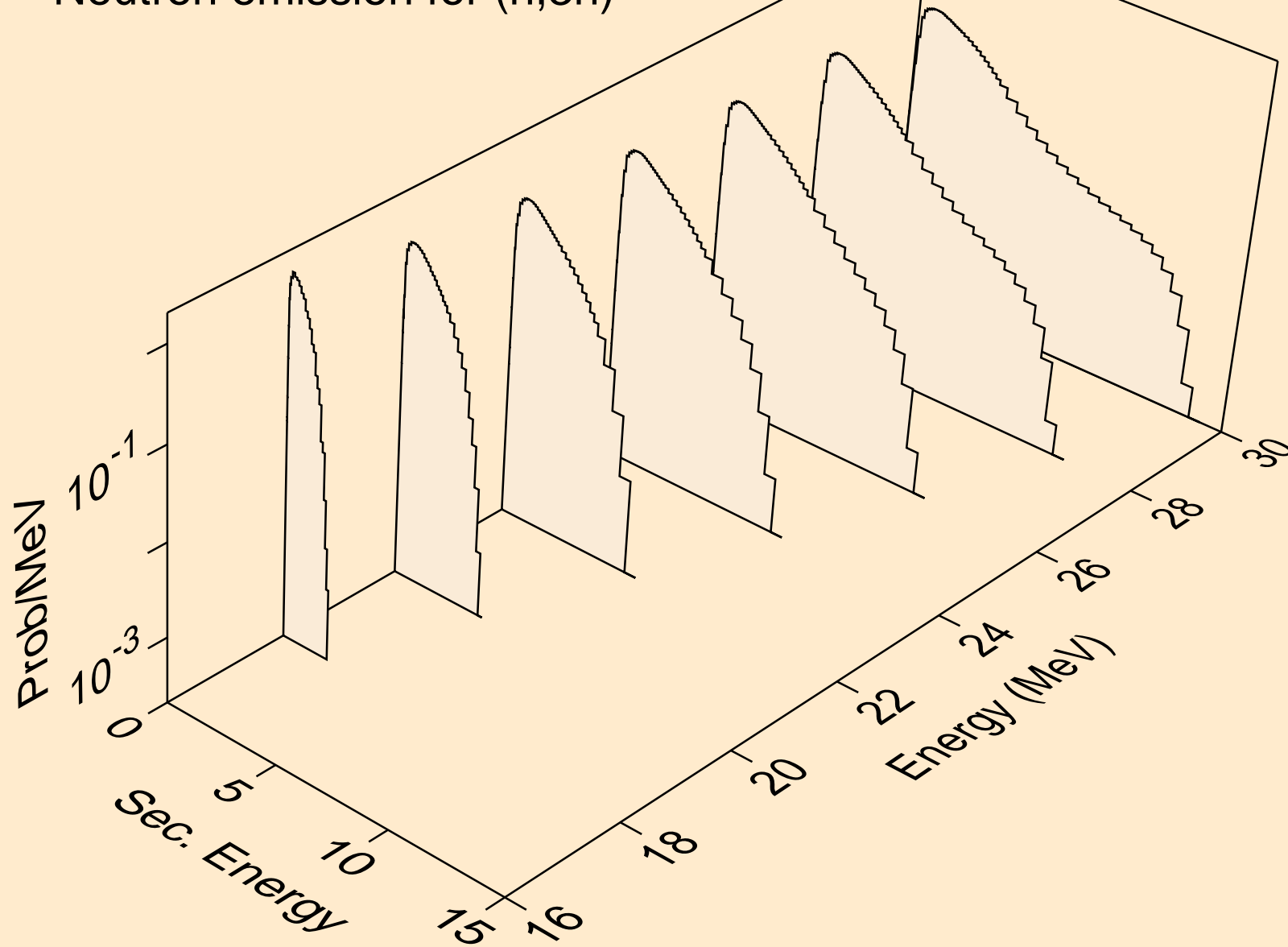
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



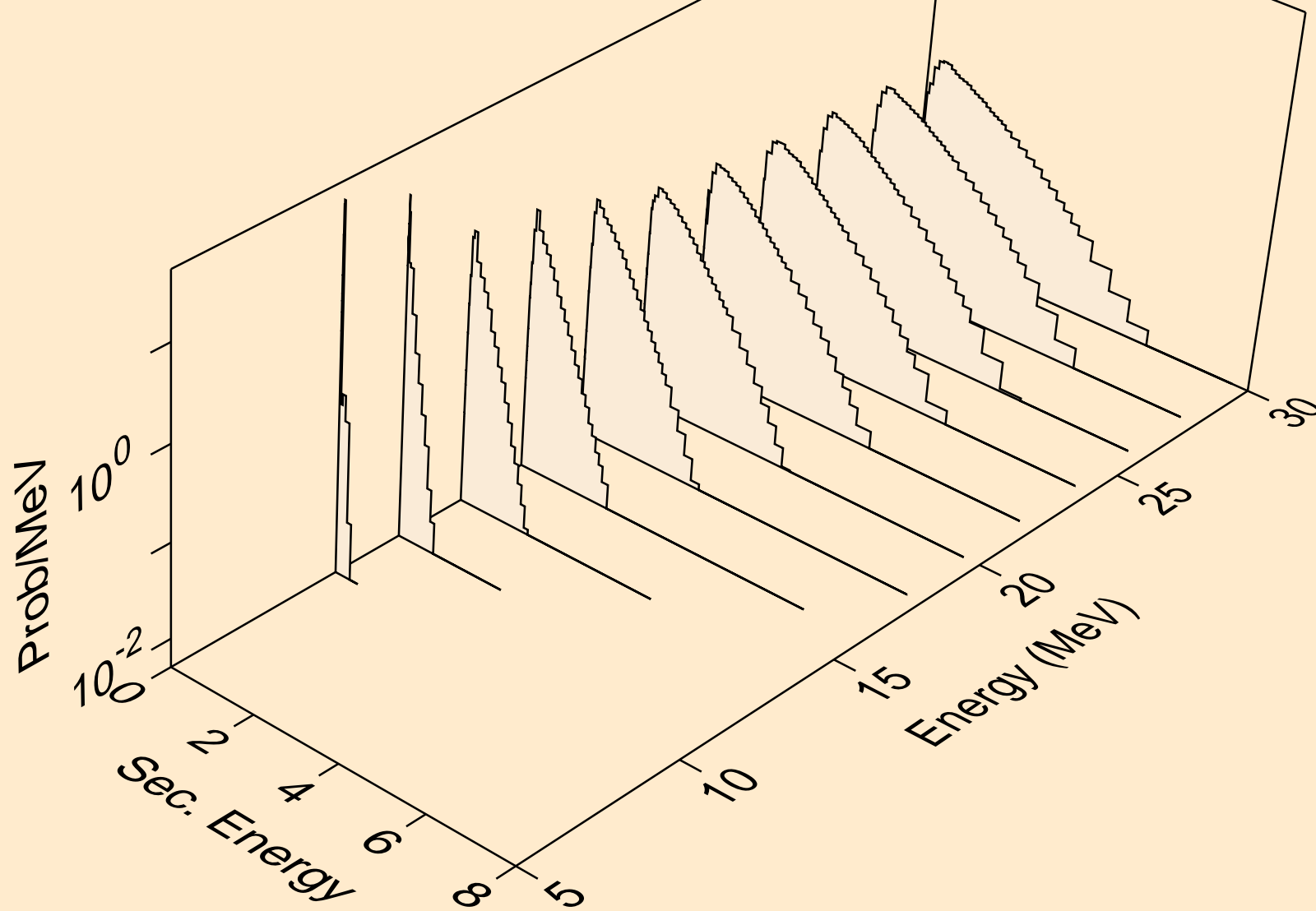
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

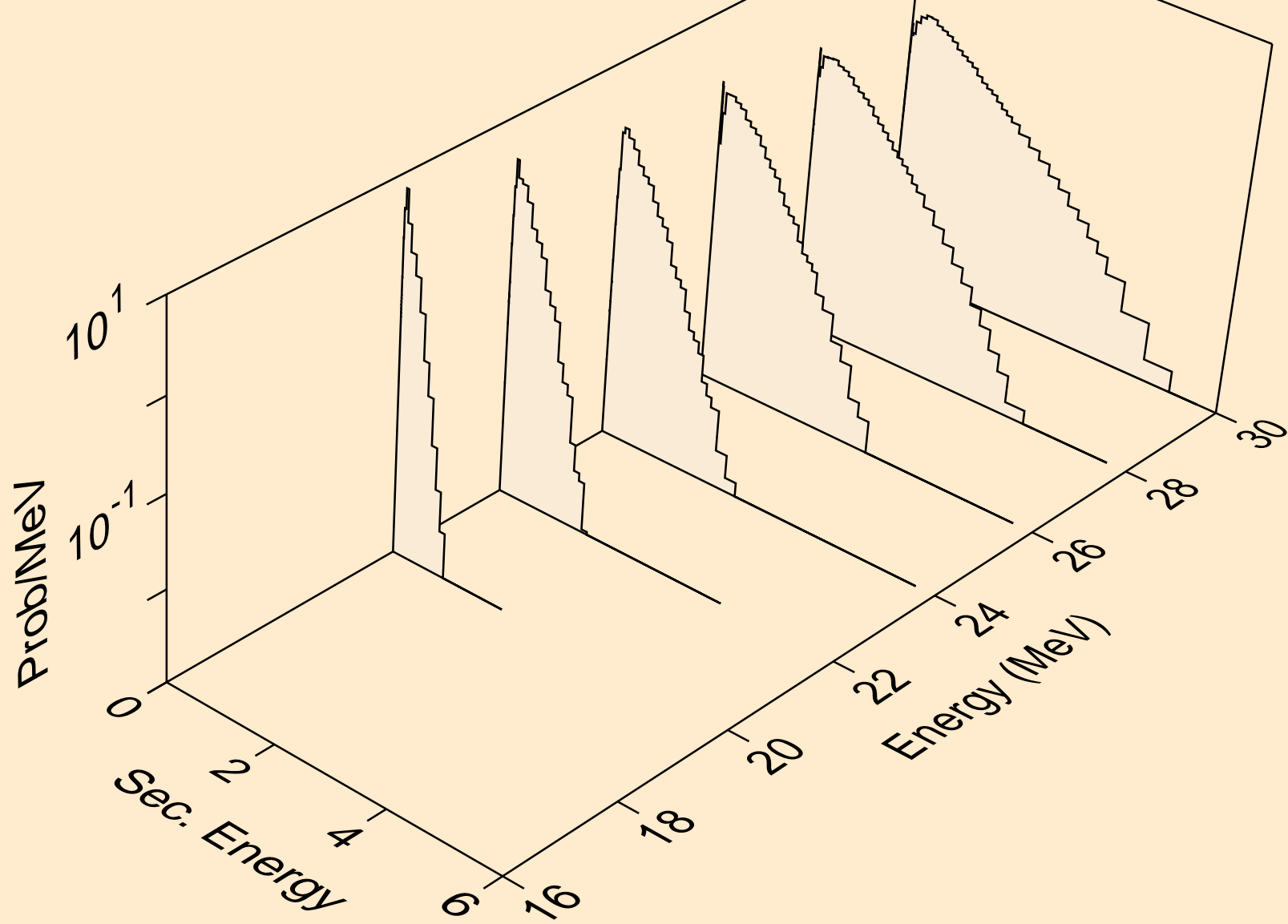


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

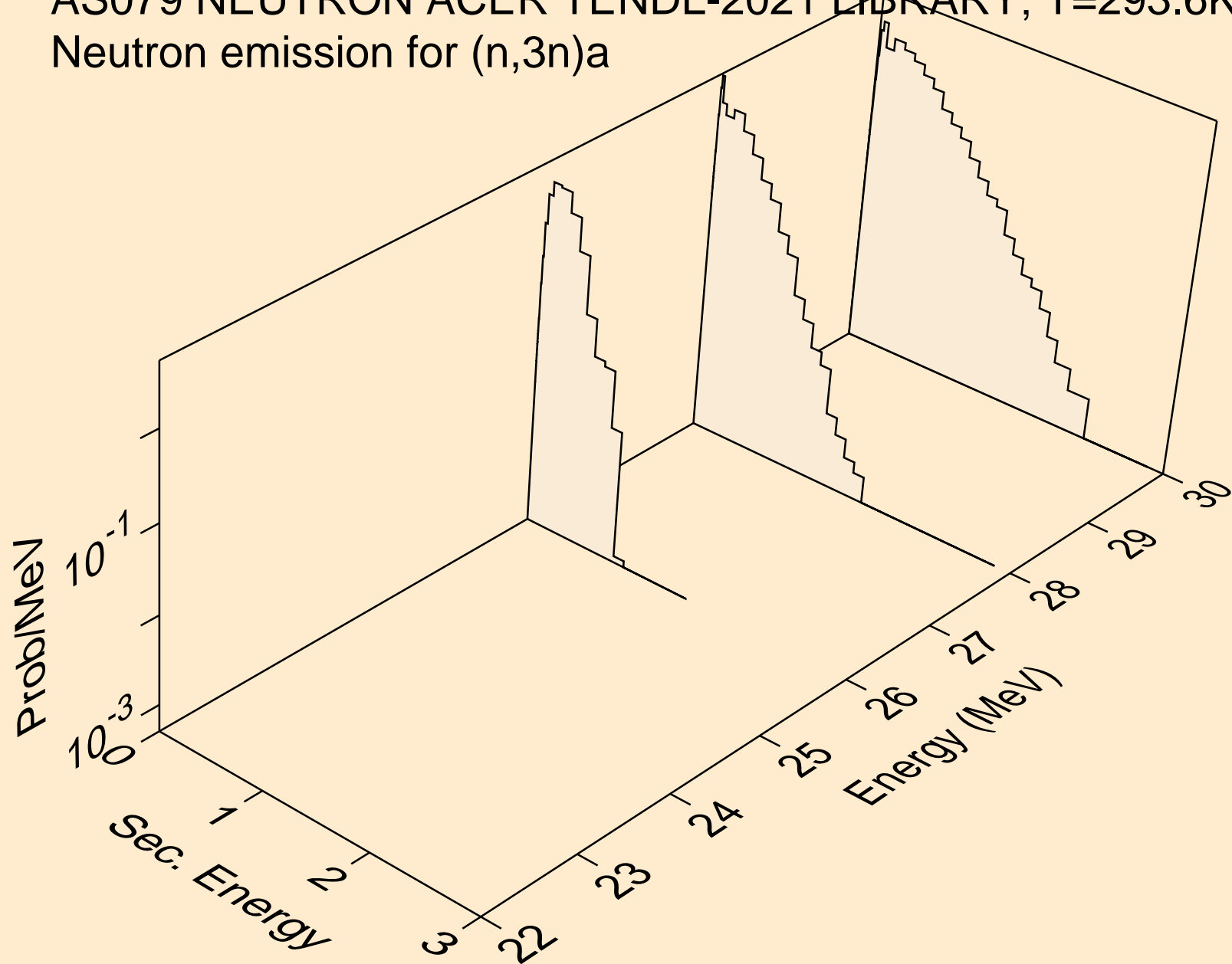




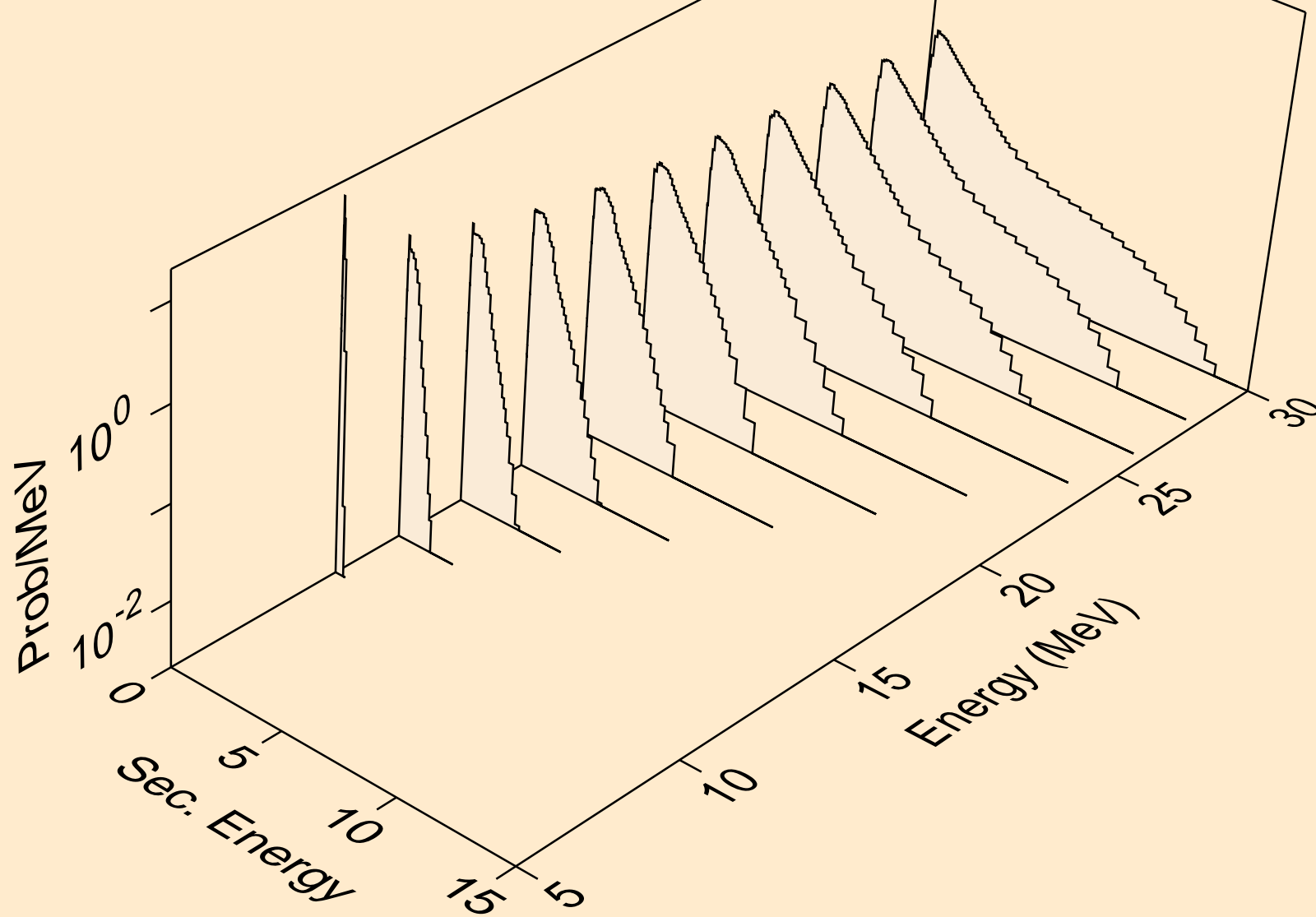
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



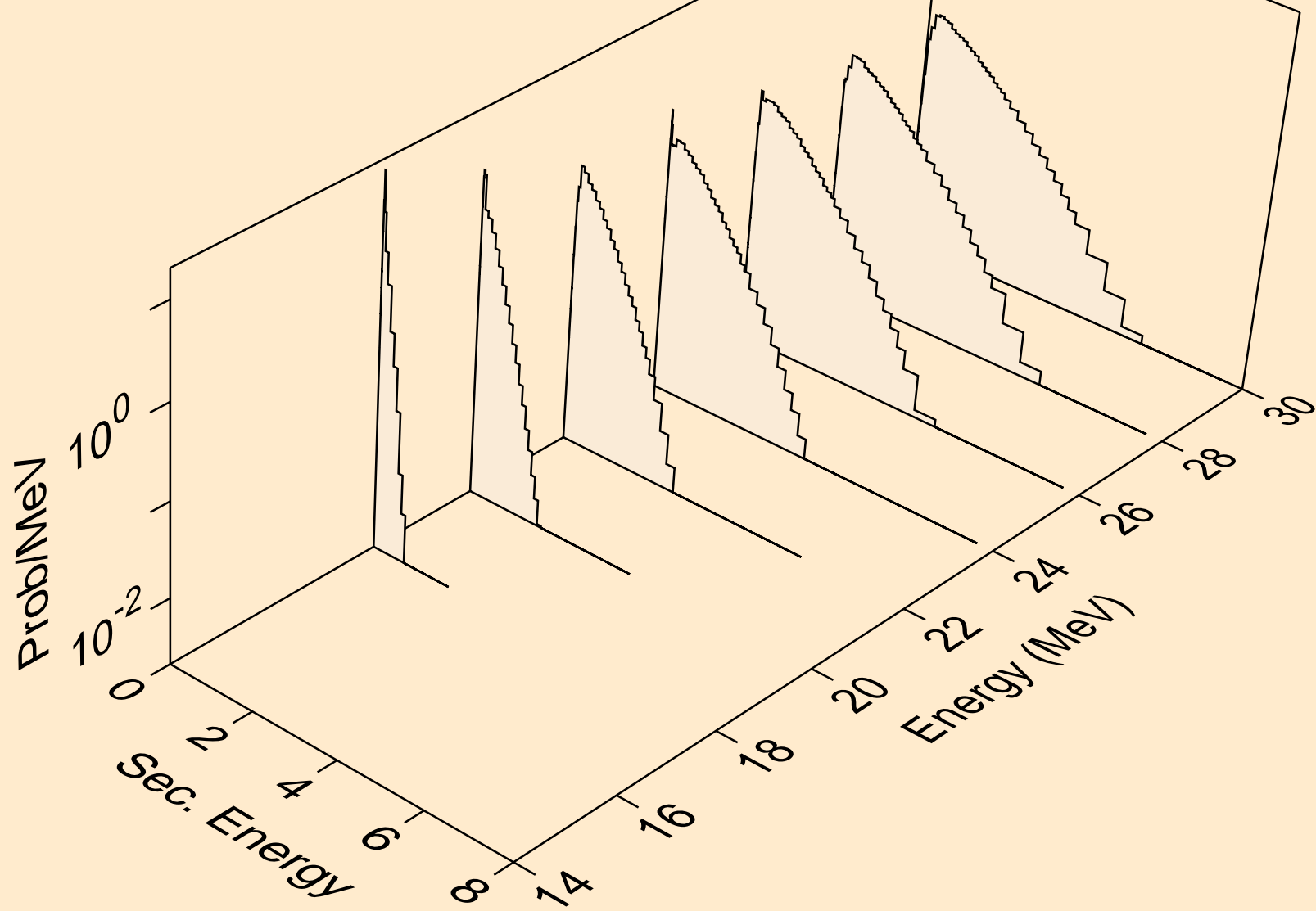
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



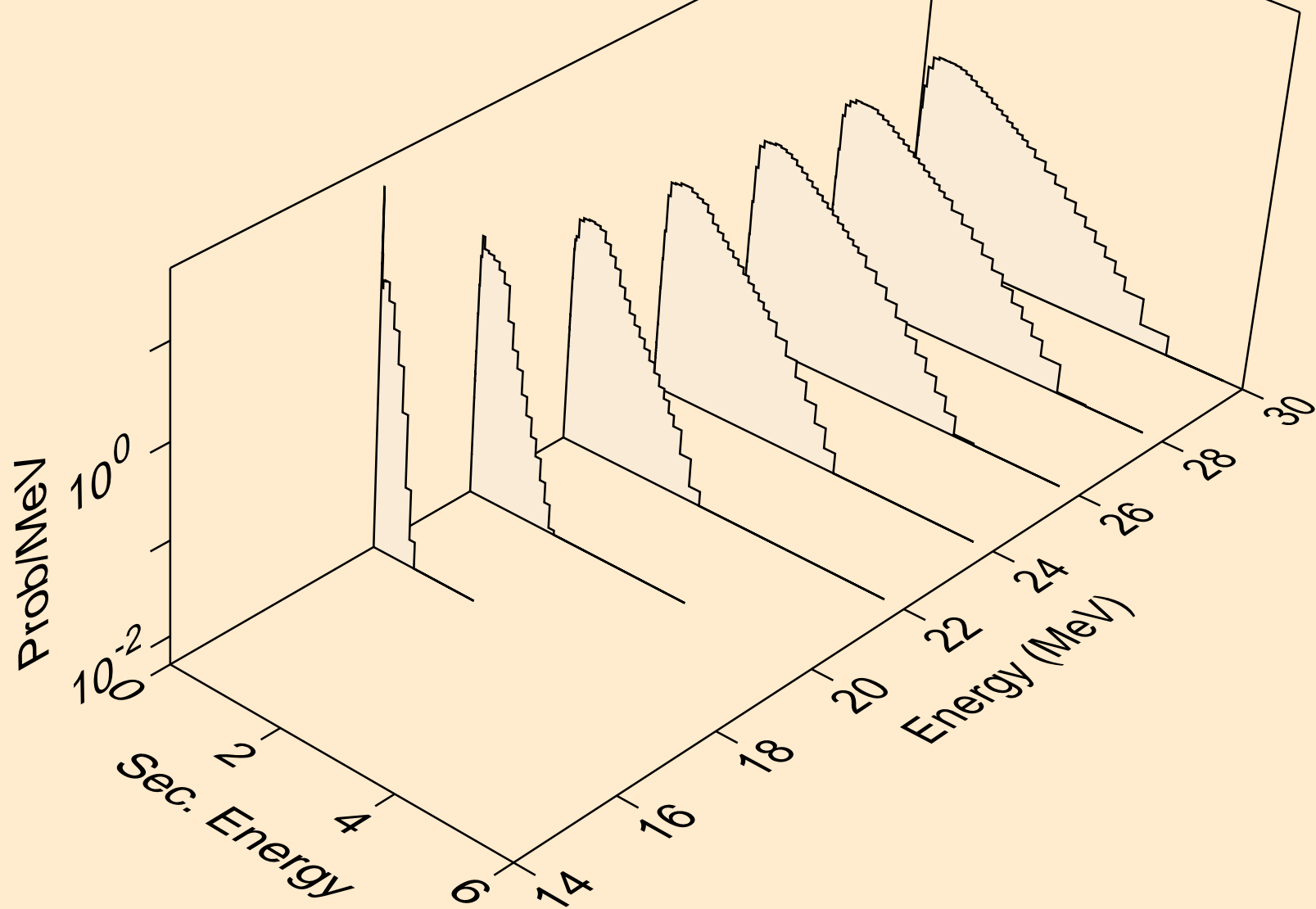
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



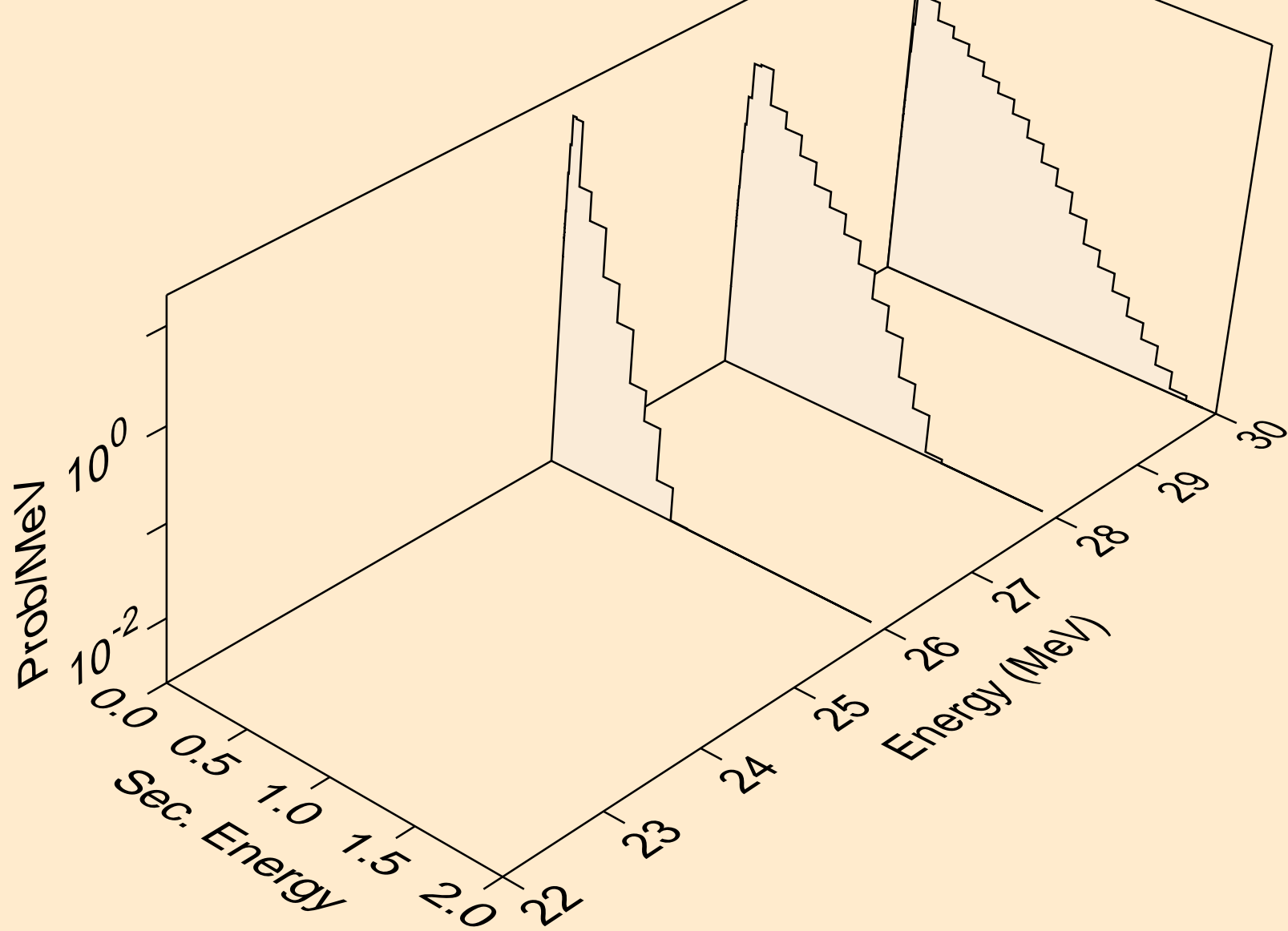
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



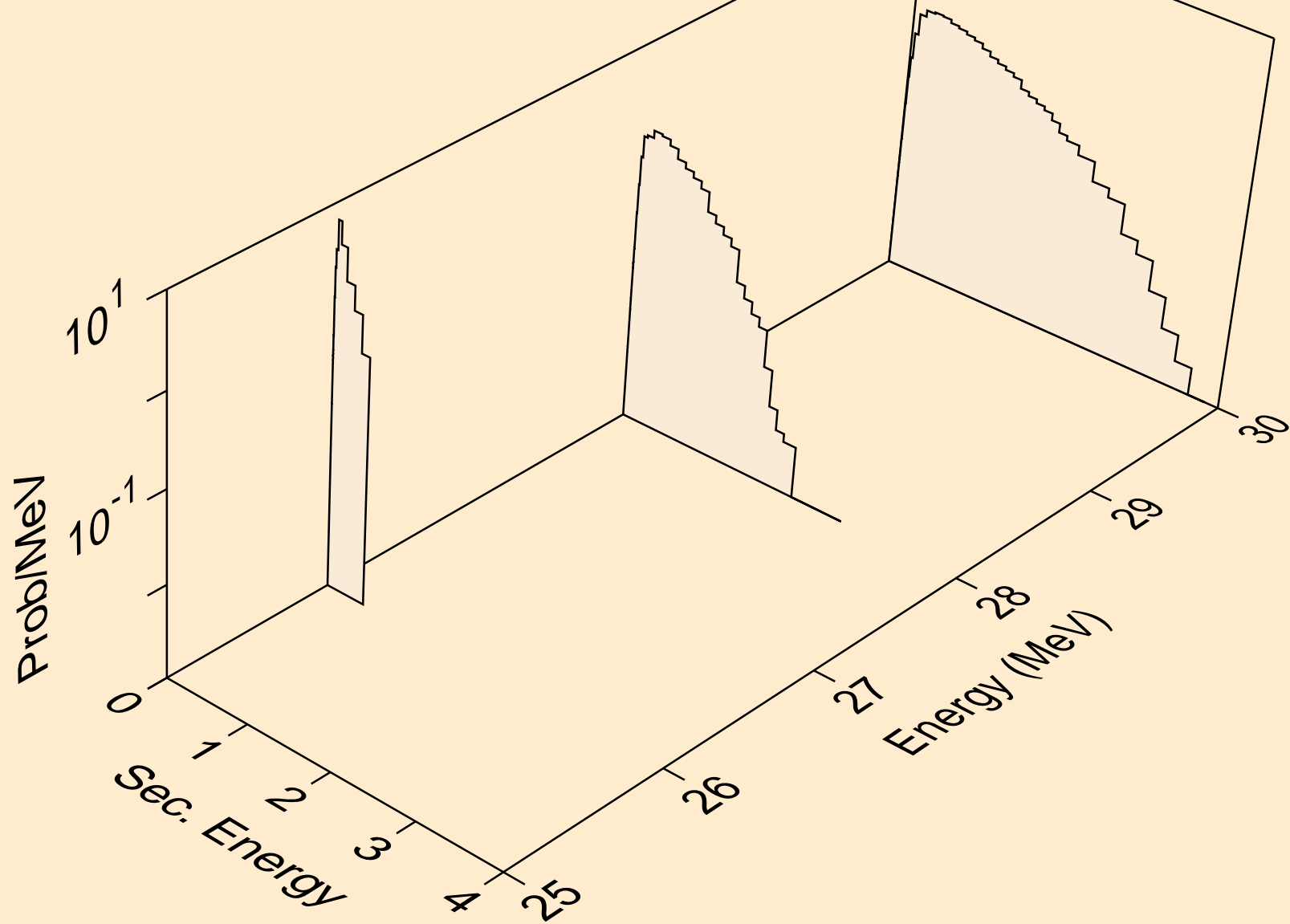
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Neutron emission for (n,n\*)t



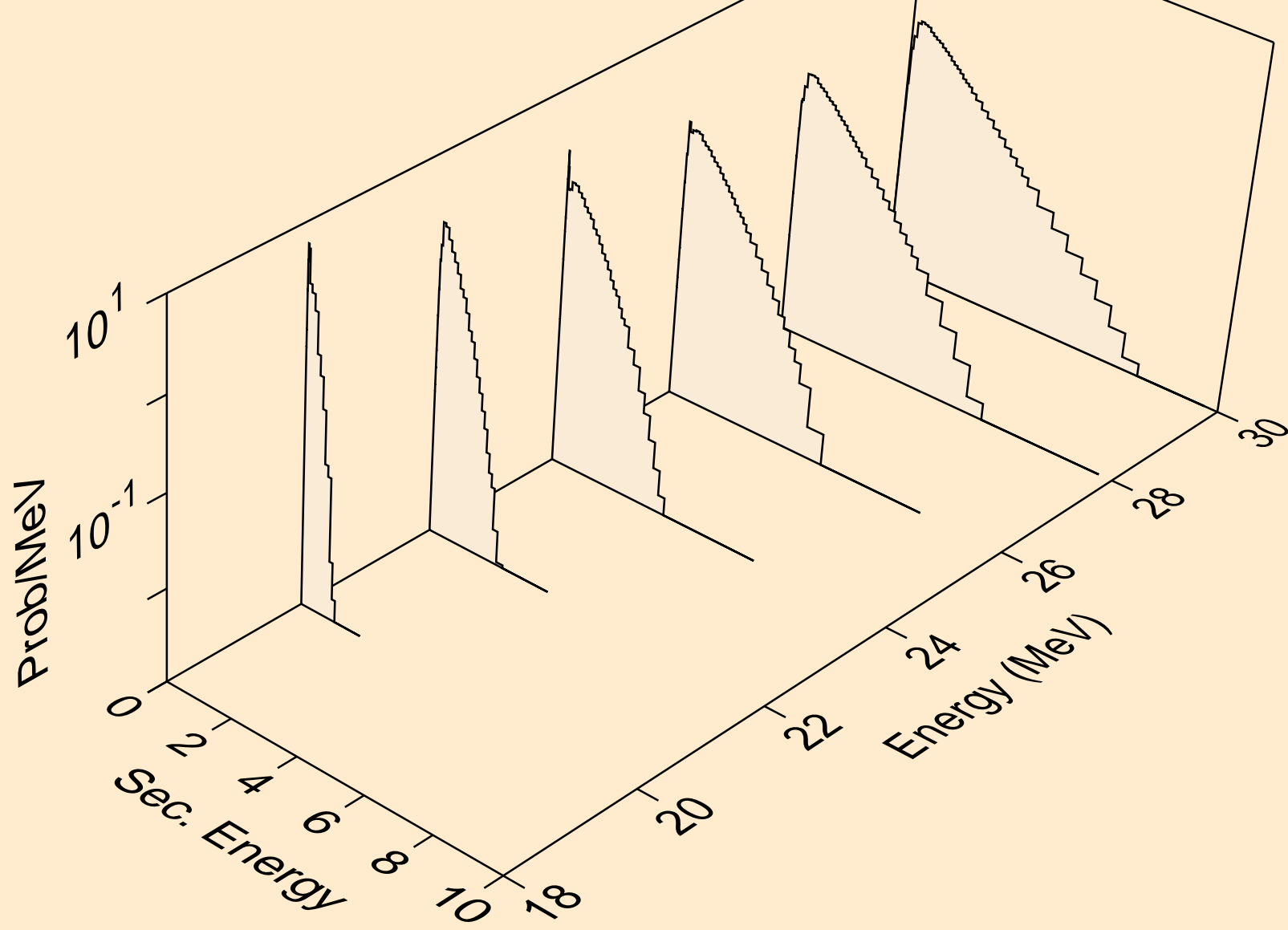
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

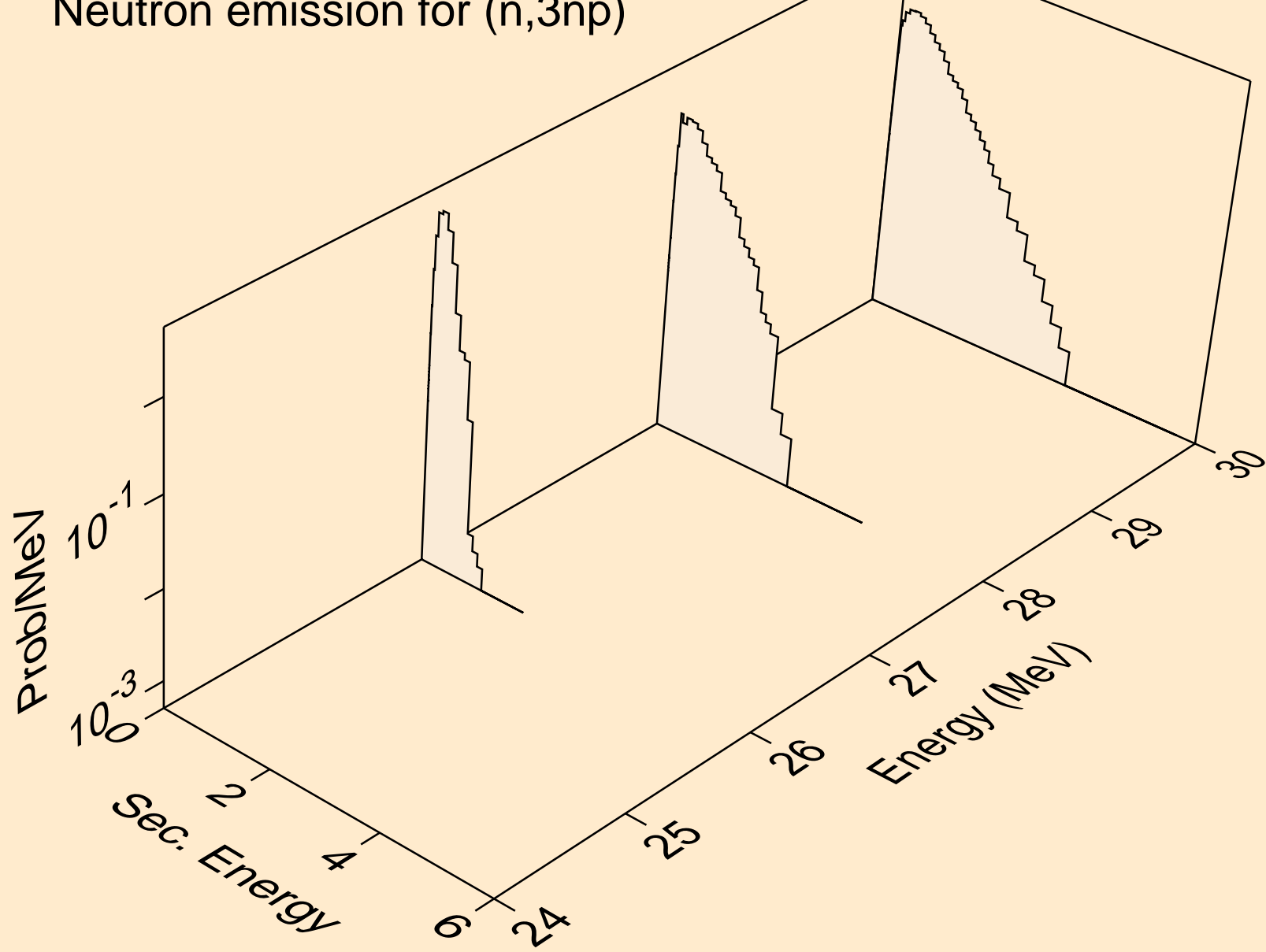


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Neutron emission for (n,2np)

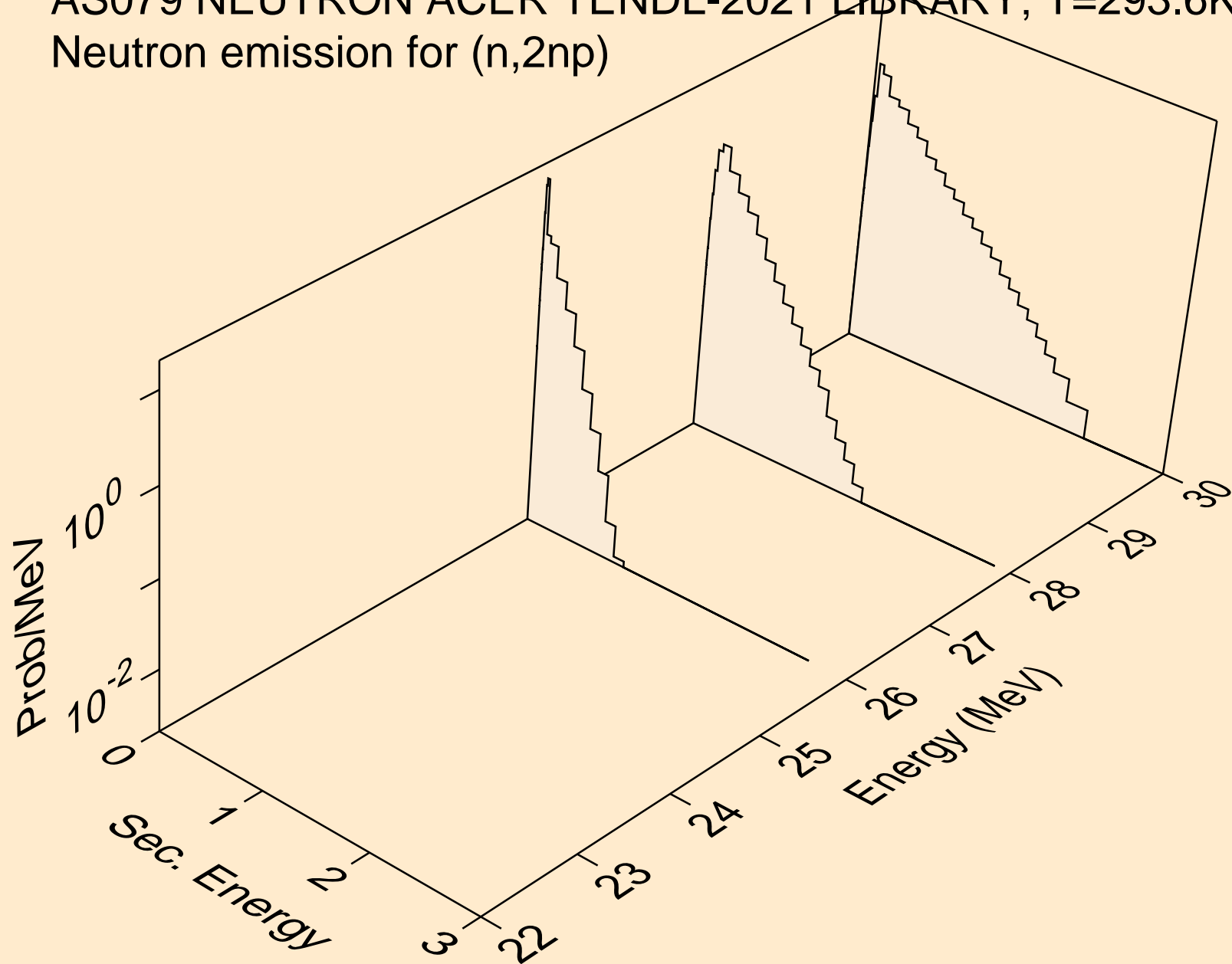




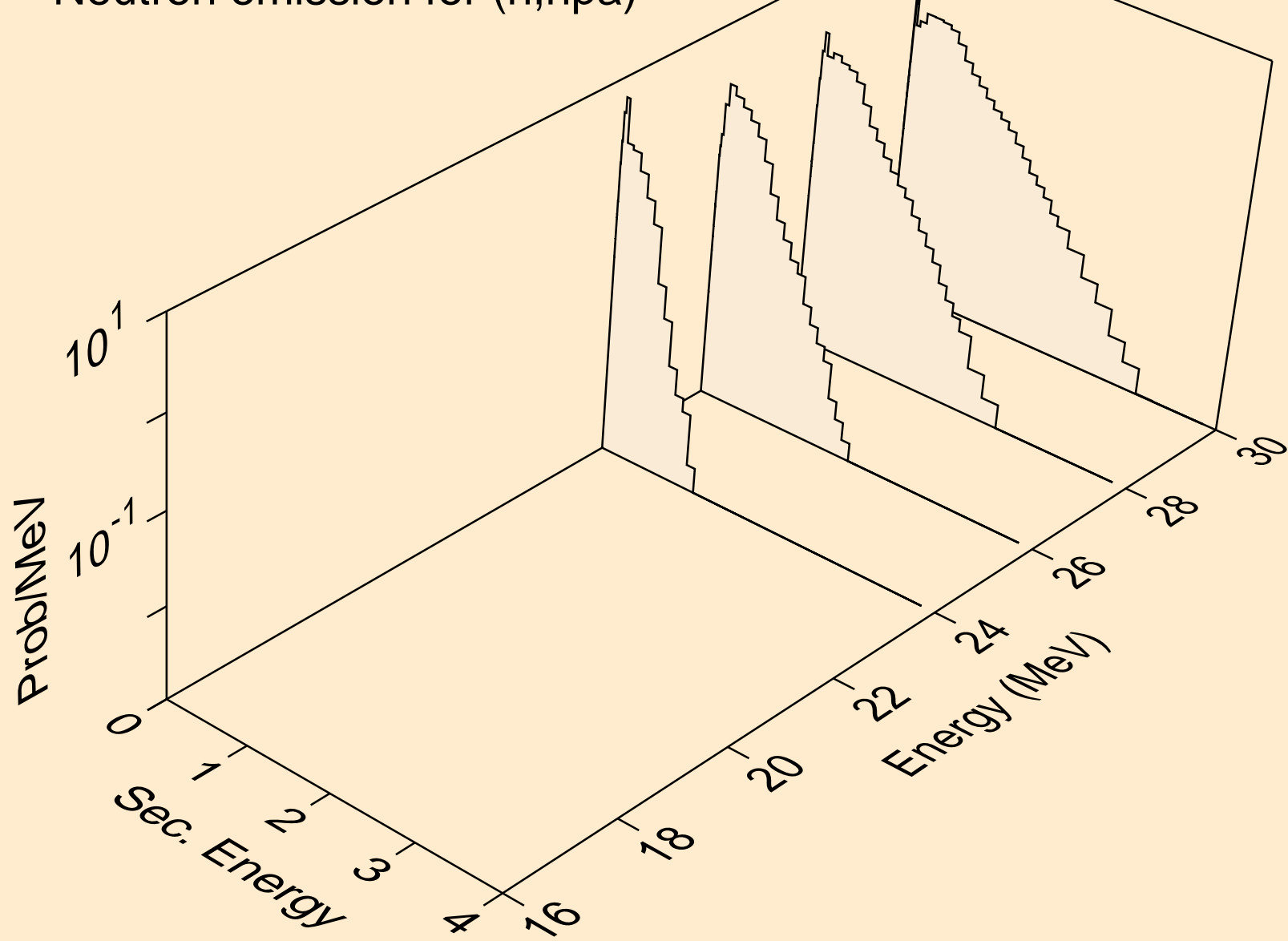
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Neutron emission for (n,3np)



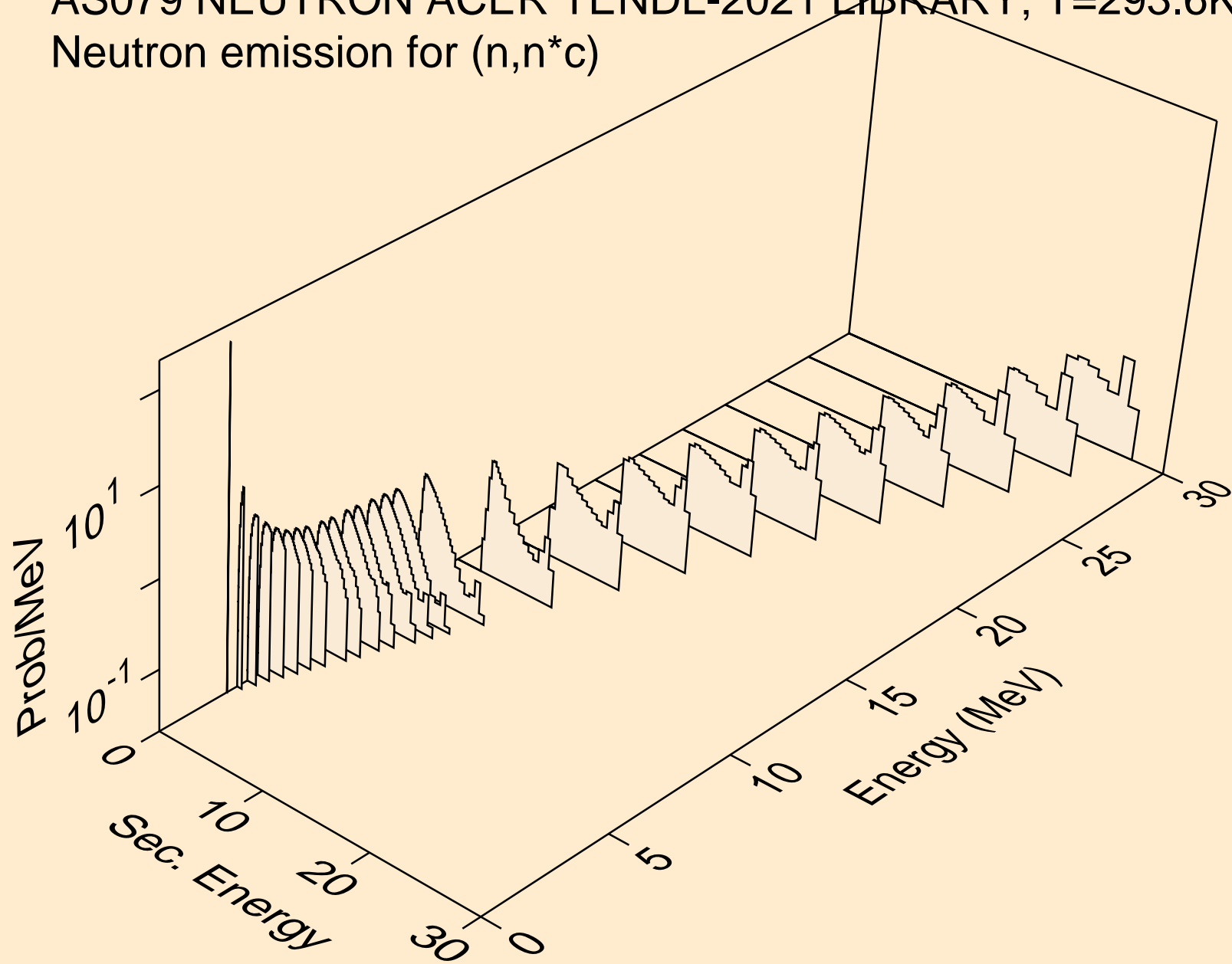
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Neutron emission for (n,2np)



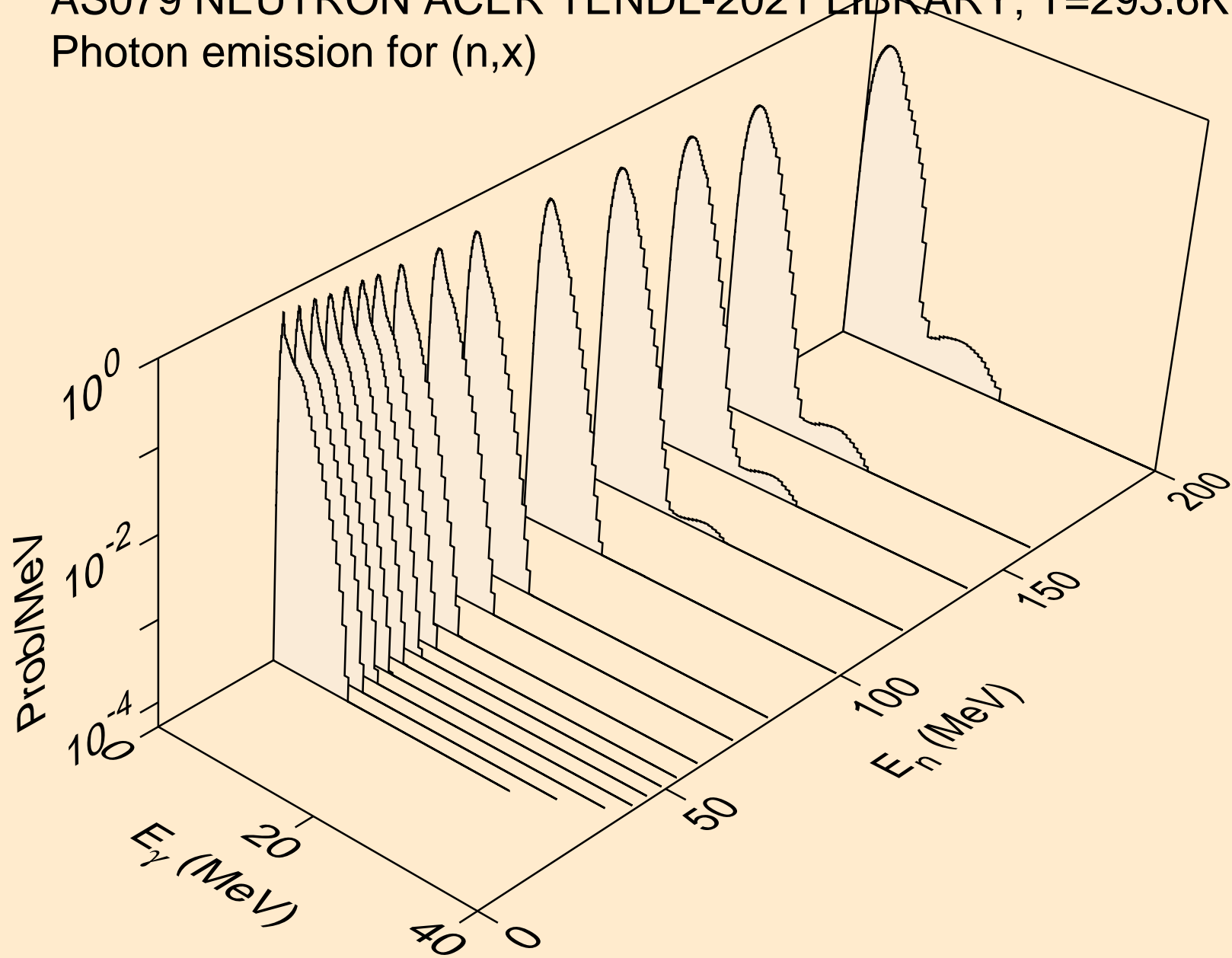
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Neutron emission for (n,npa)



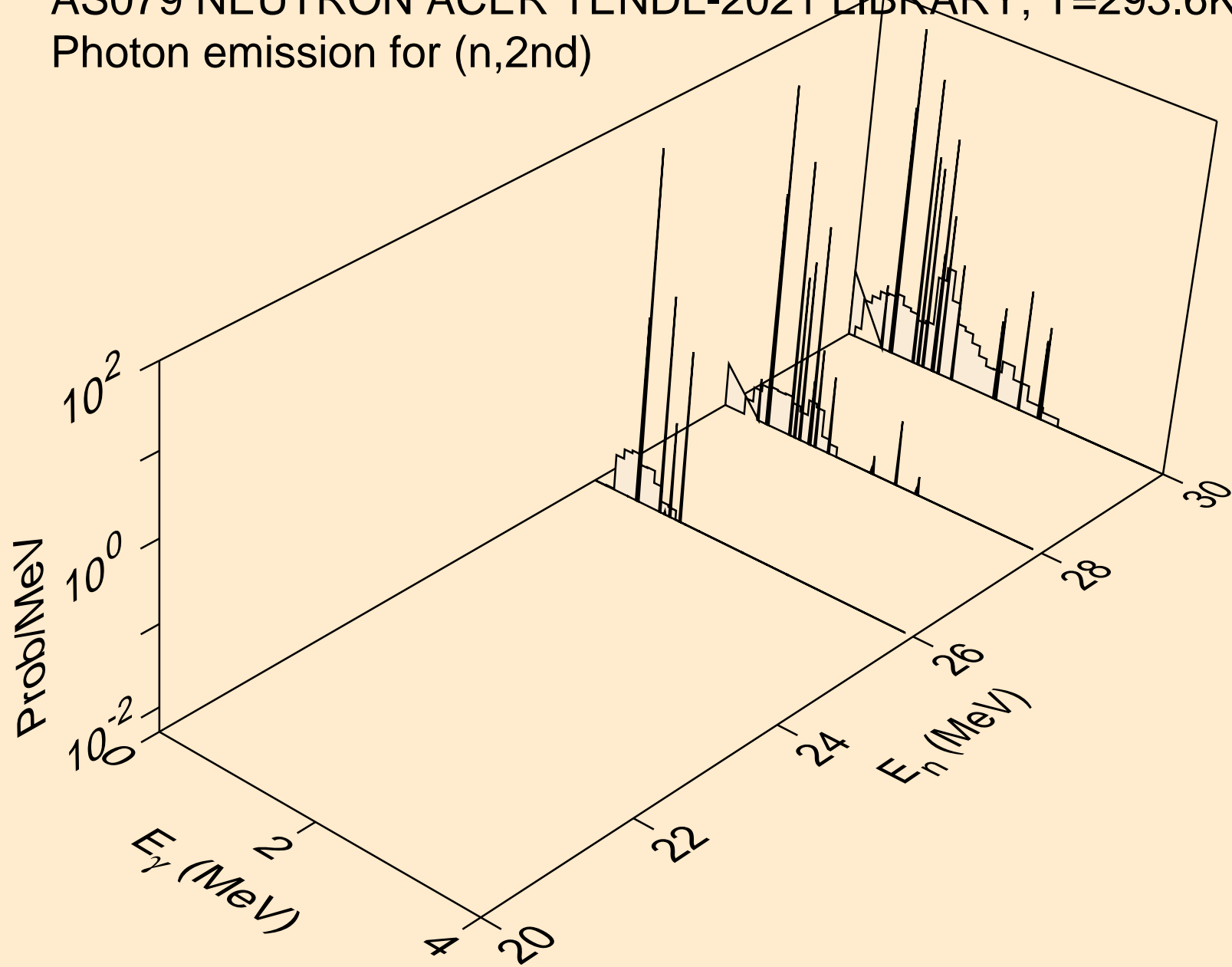
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Neutron emission for (n,n\*c)



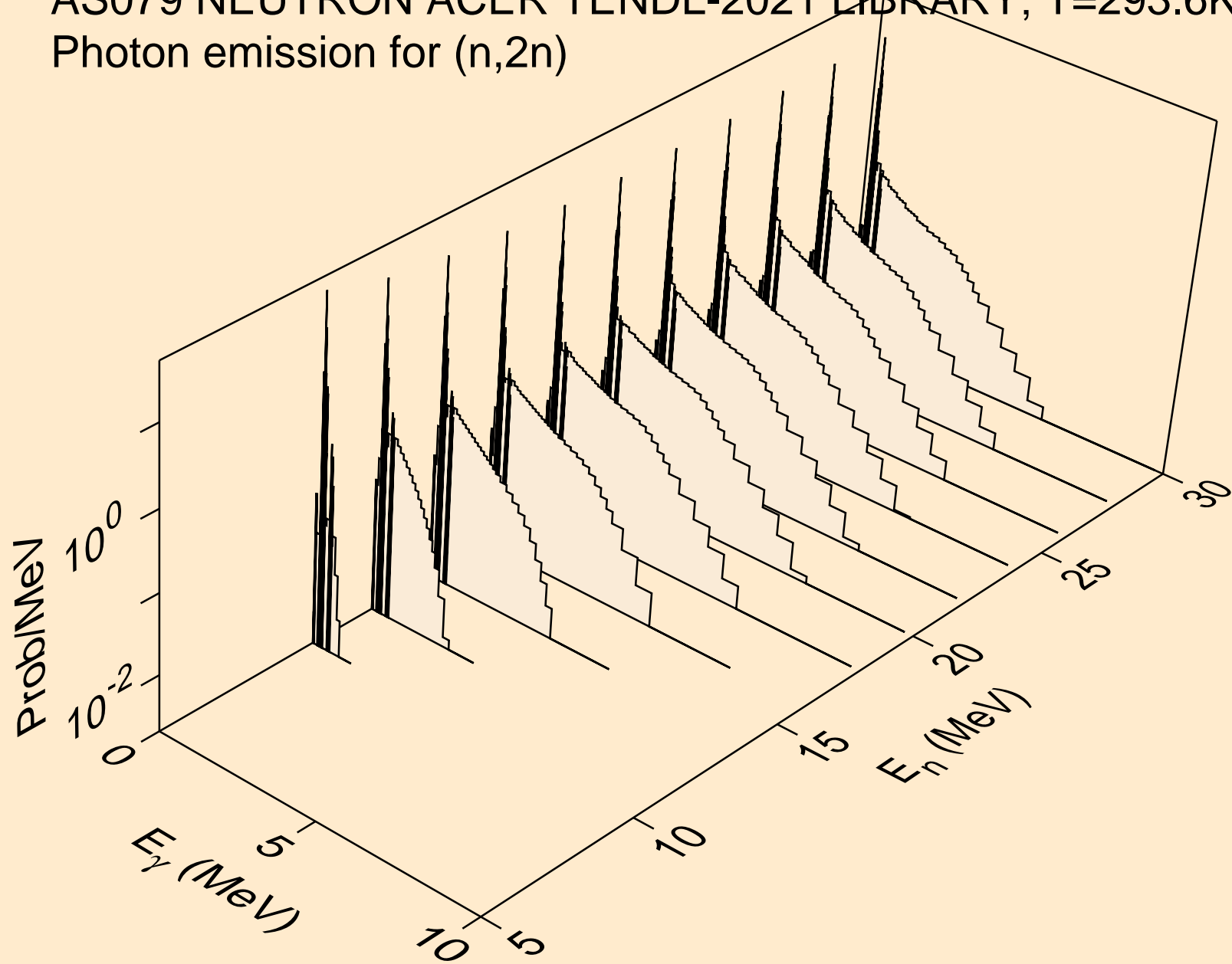
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Photon emission for (n,x)



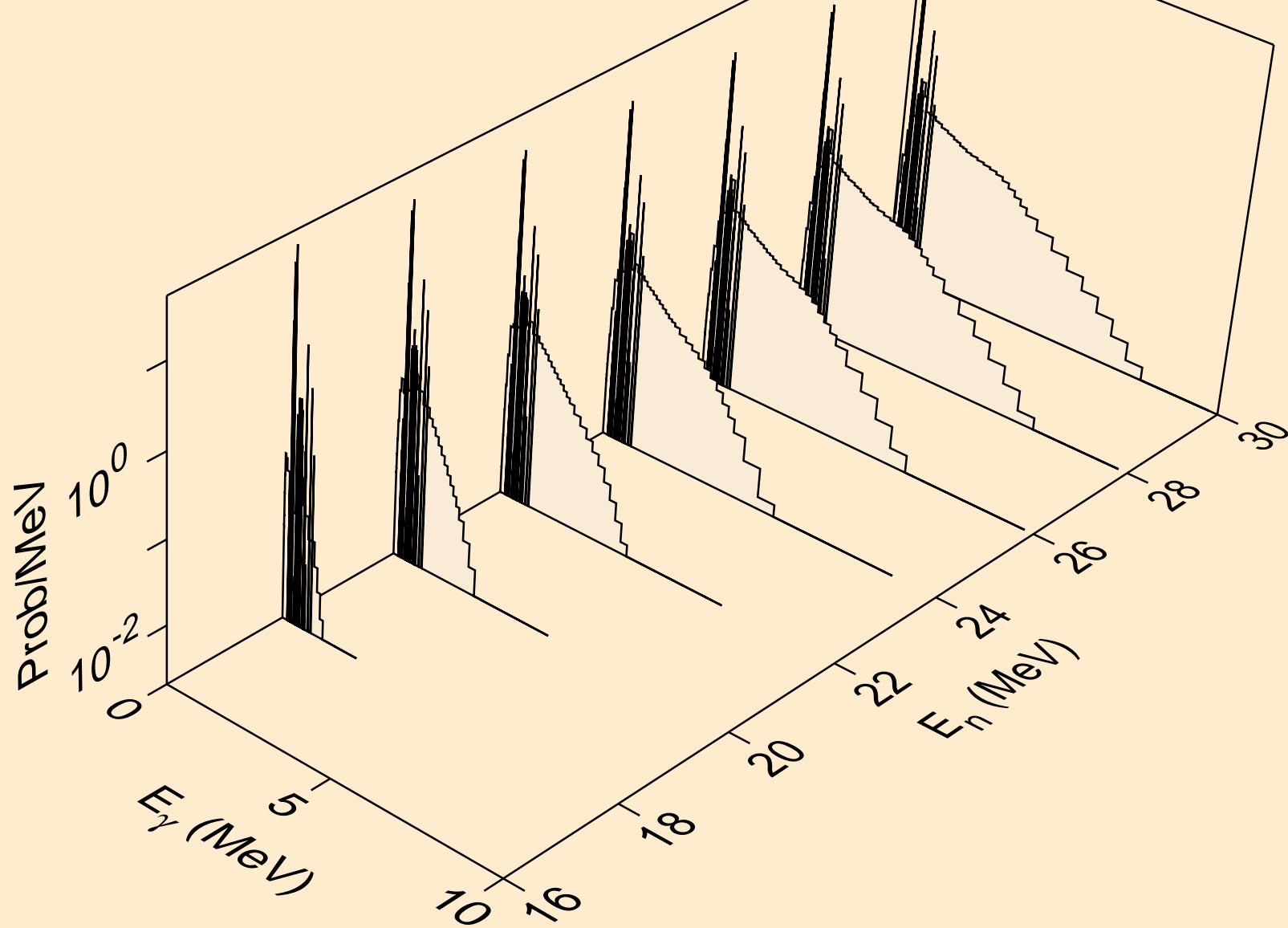
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Photon emission for (n,2nd)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

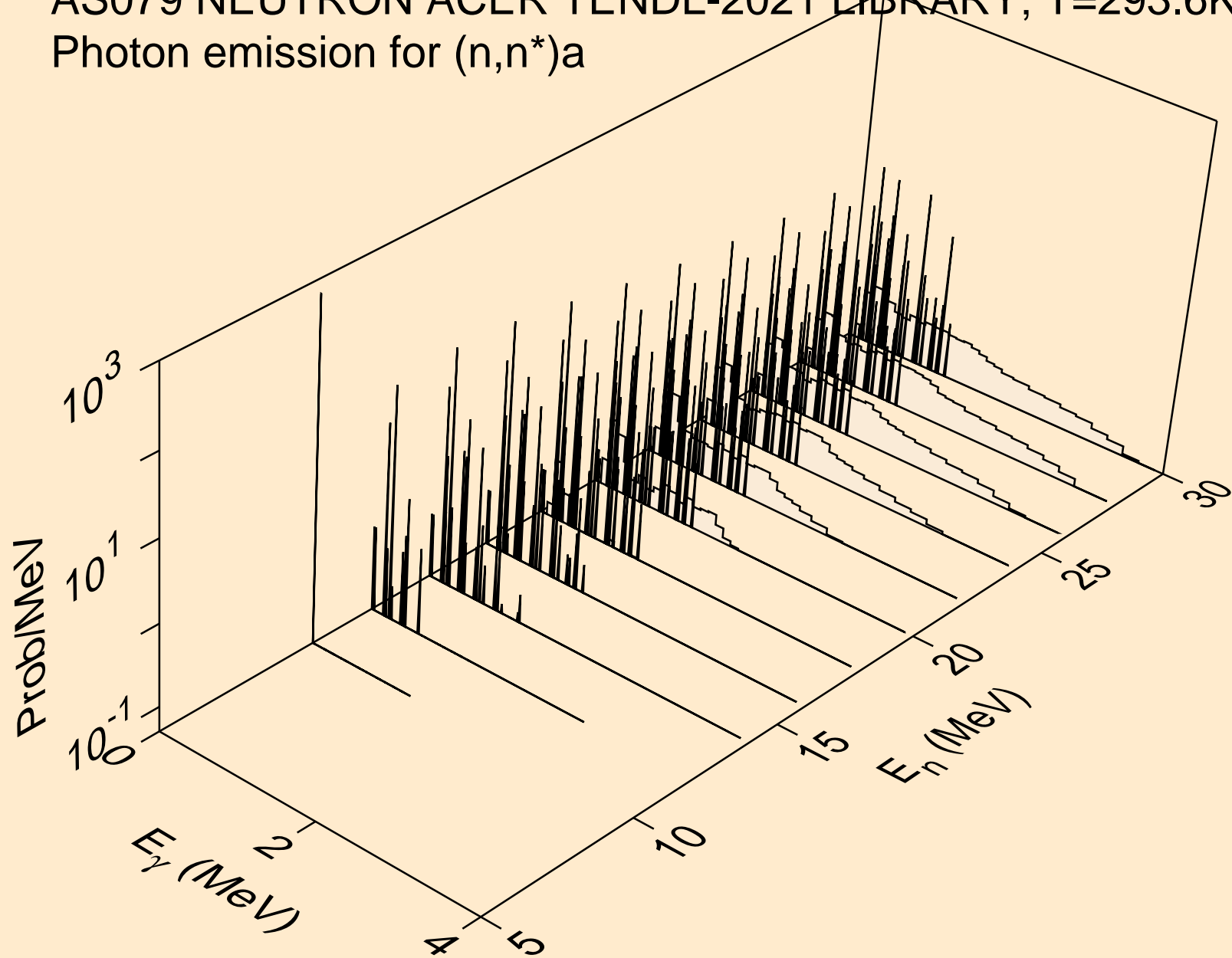


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Photon emission for (n,3n)

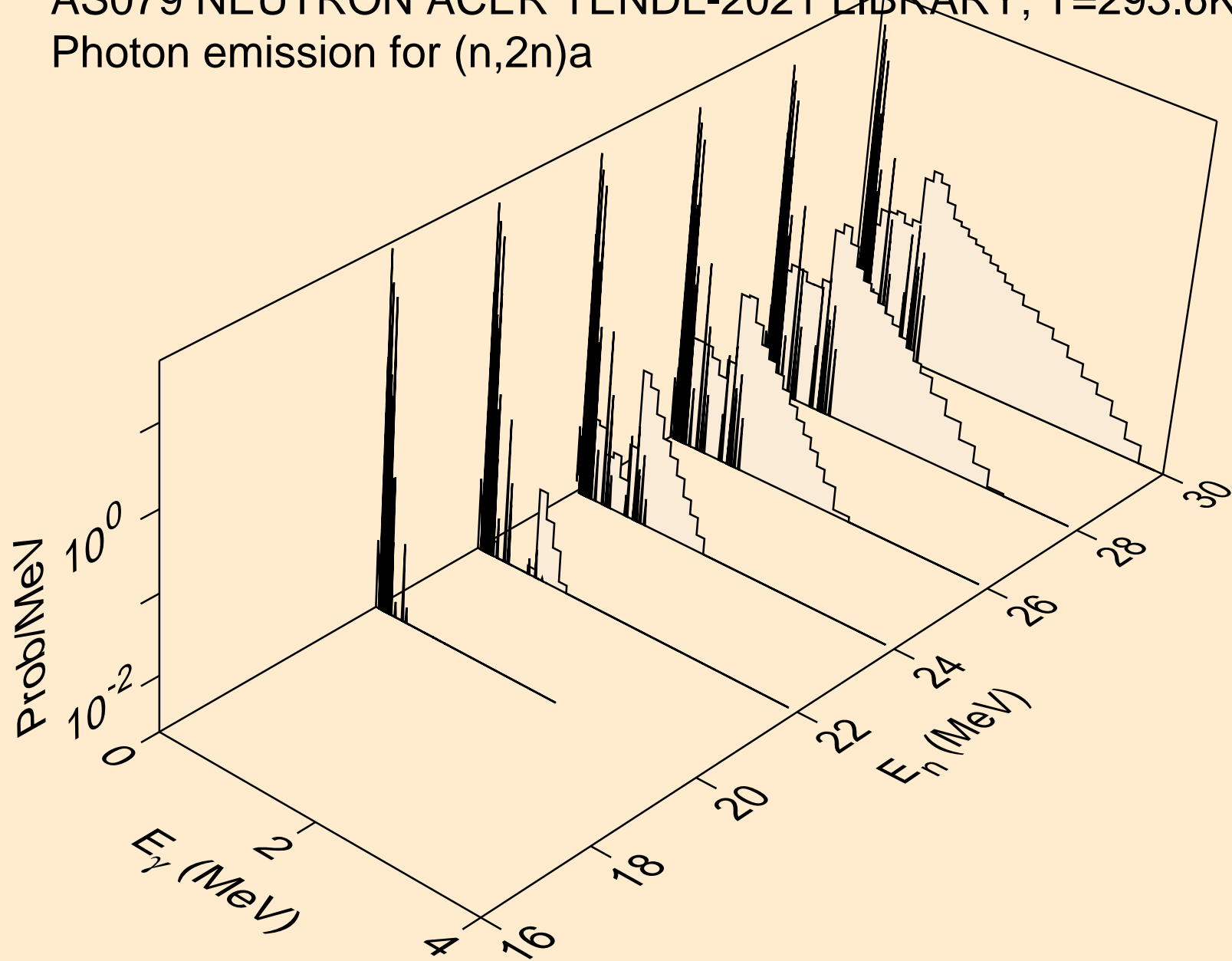




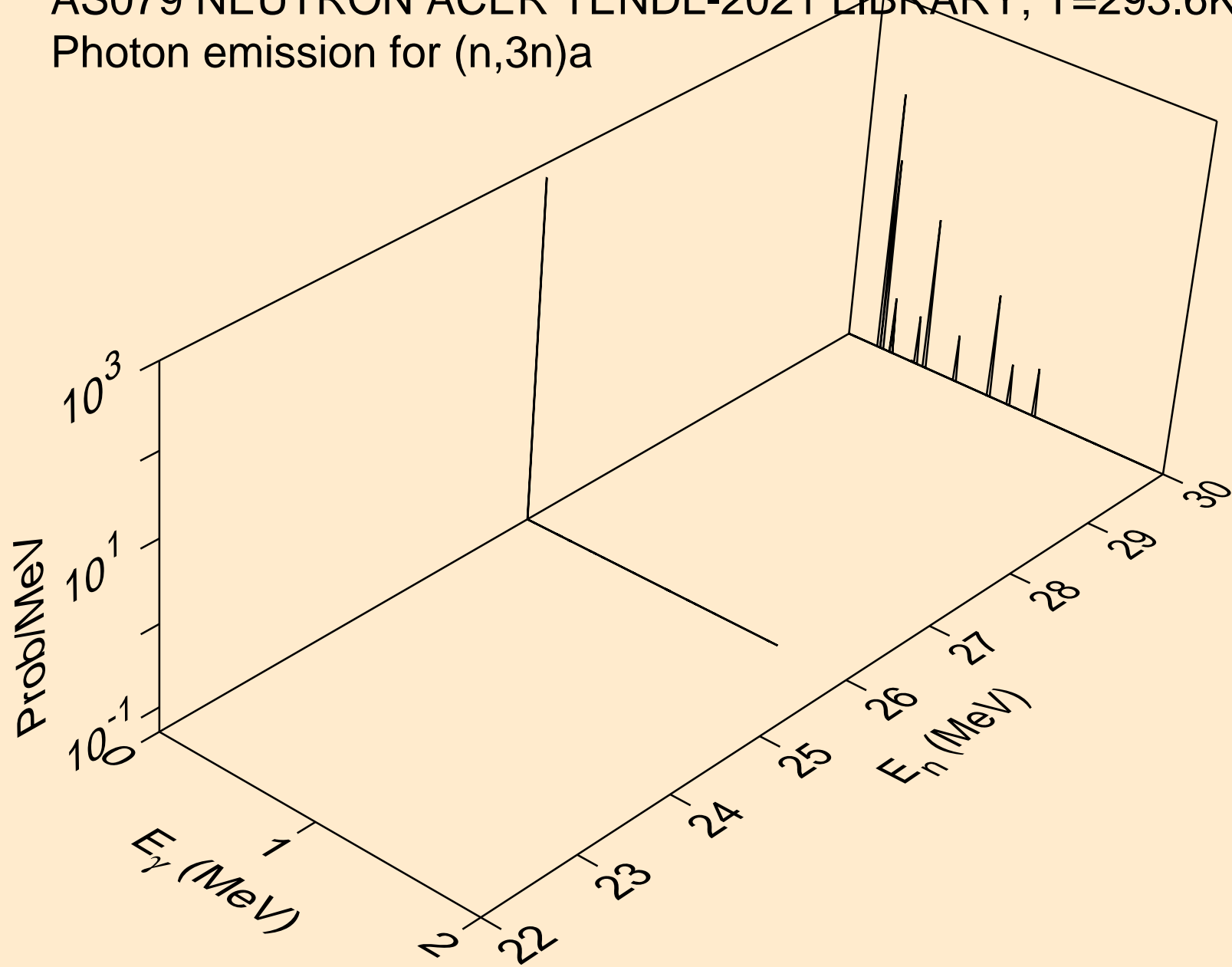
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Photon emission for (n,n\*)a



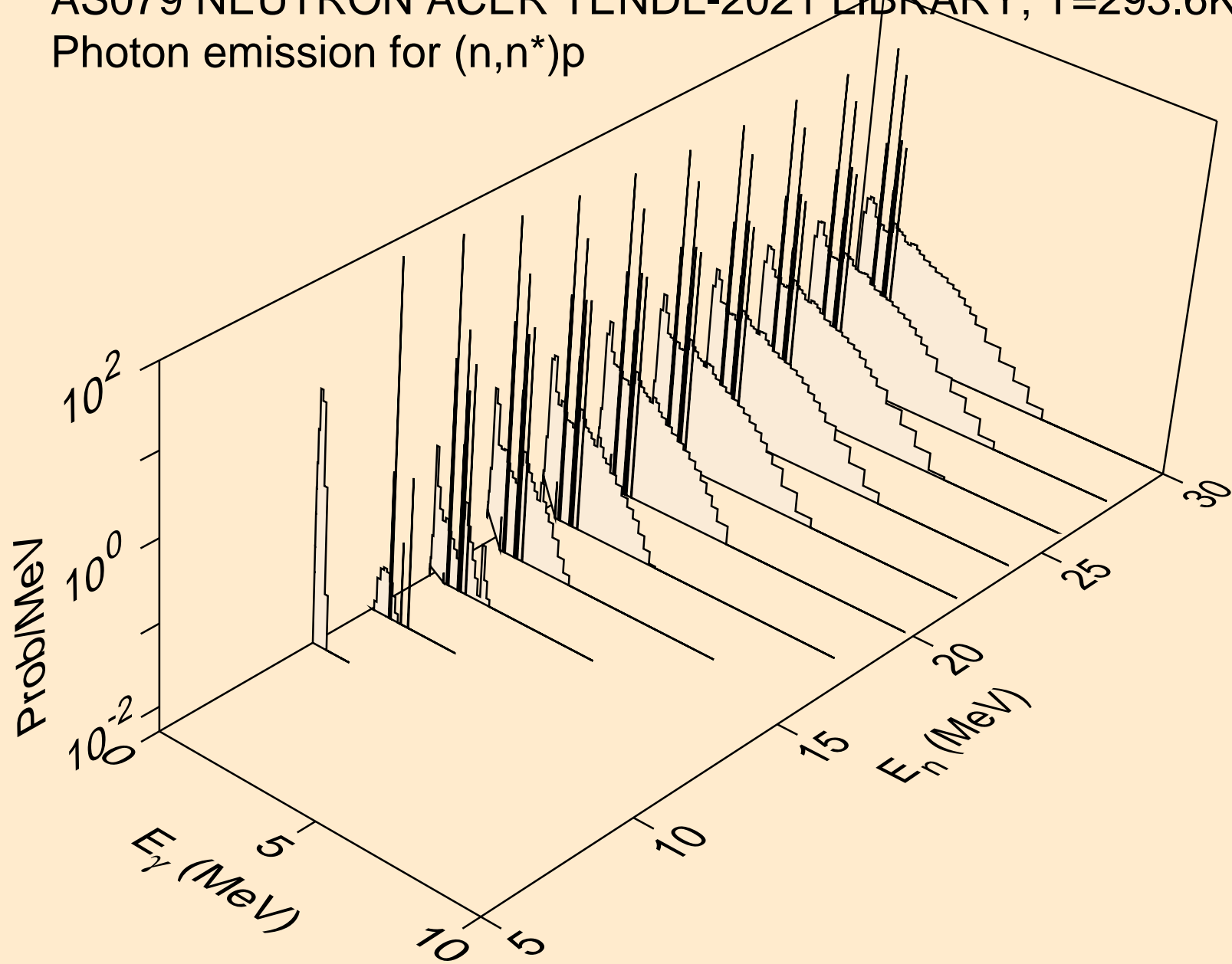
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Photon emission for (n,2n)a



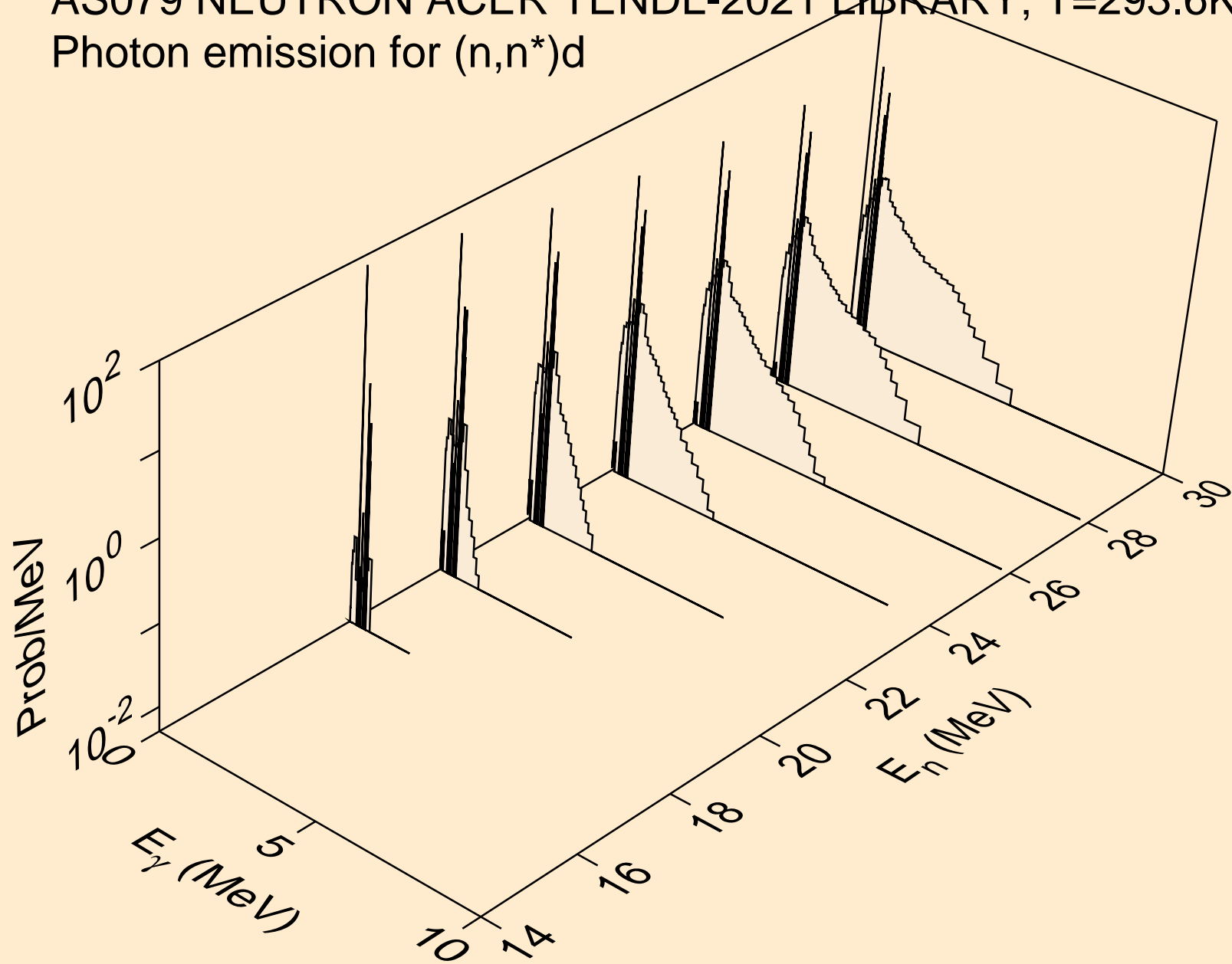
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Photon emission for (n,3n)a



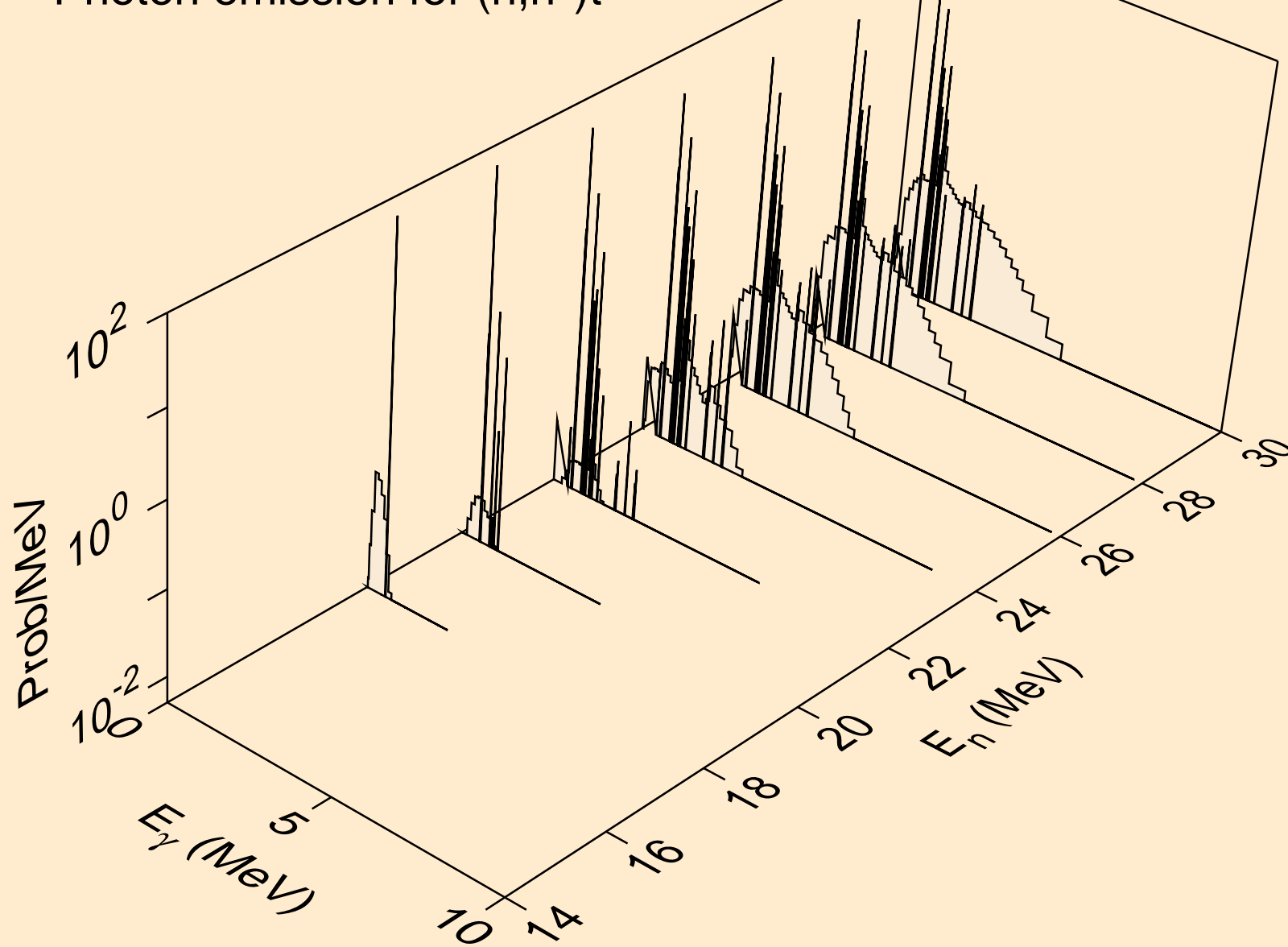
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Photon emission for (n,n\*)p



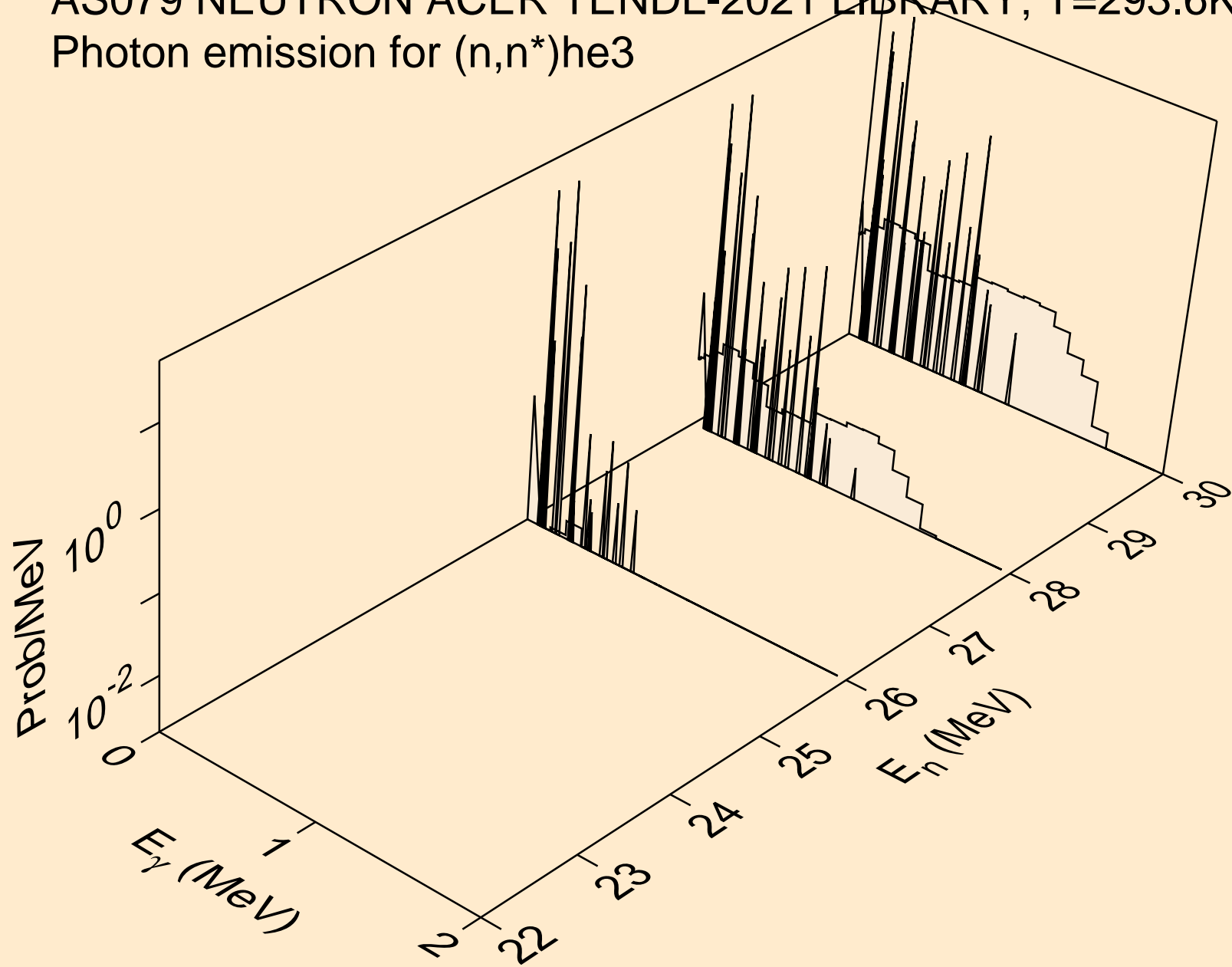
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Photon emission for (n,n\*)d



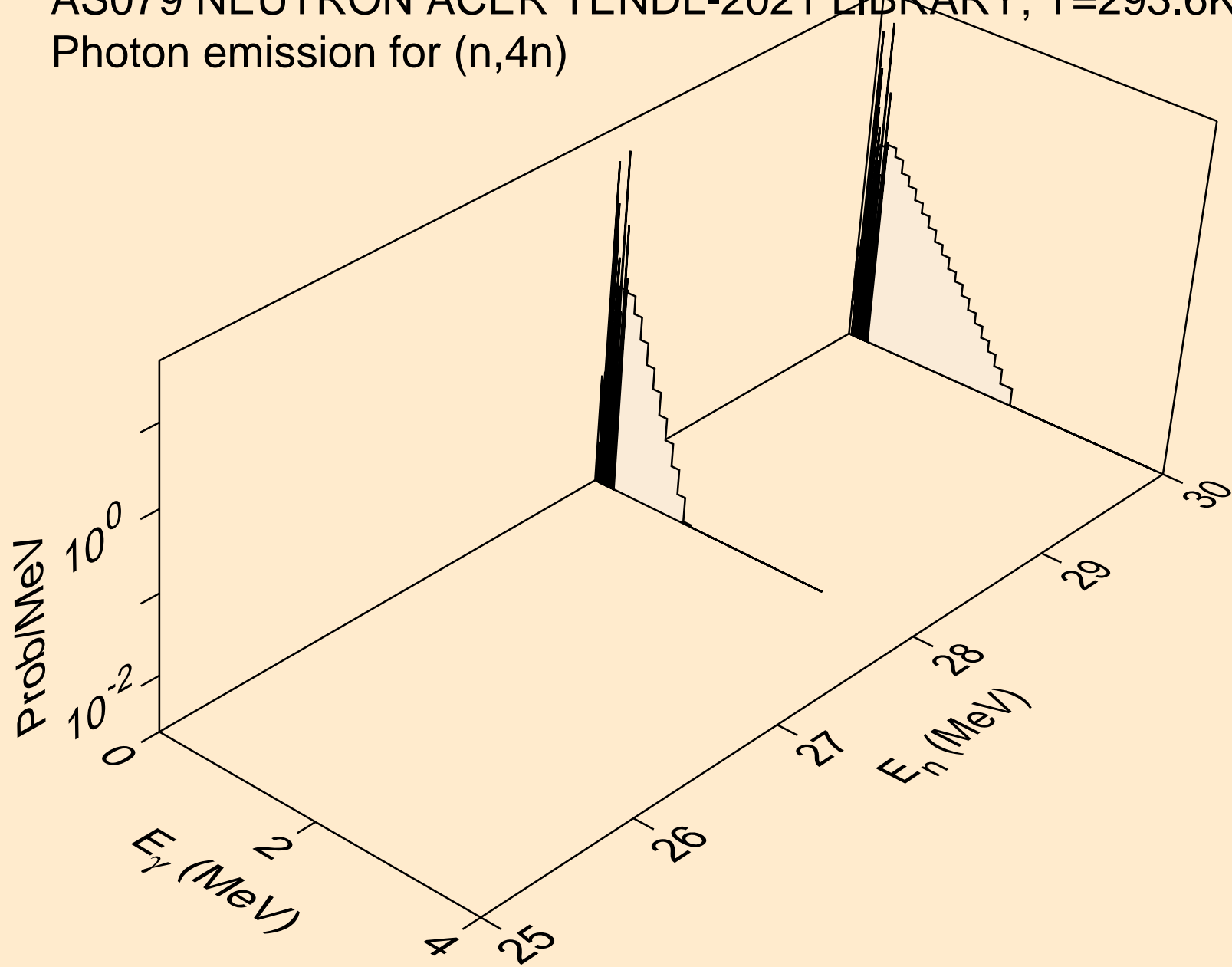
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

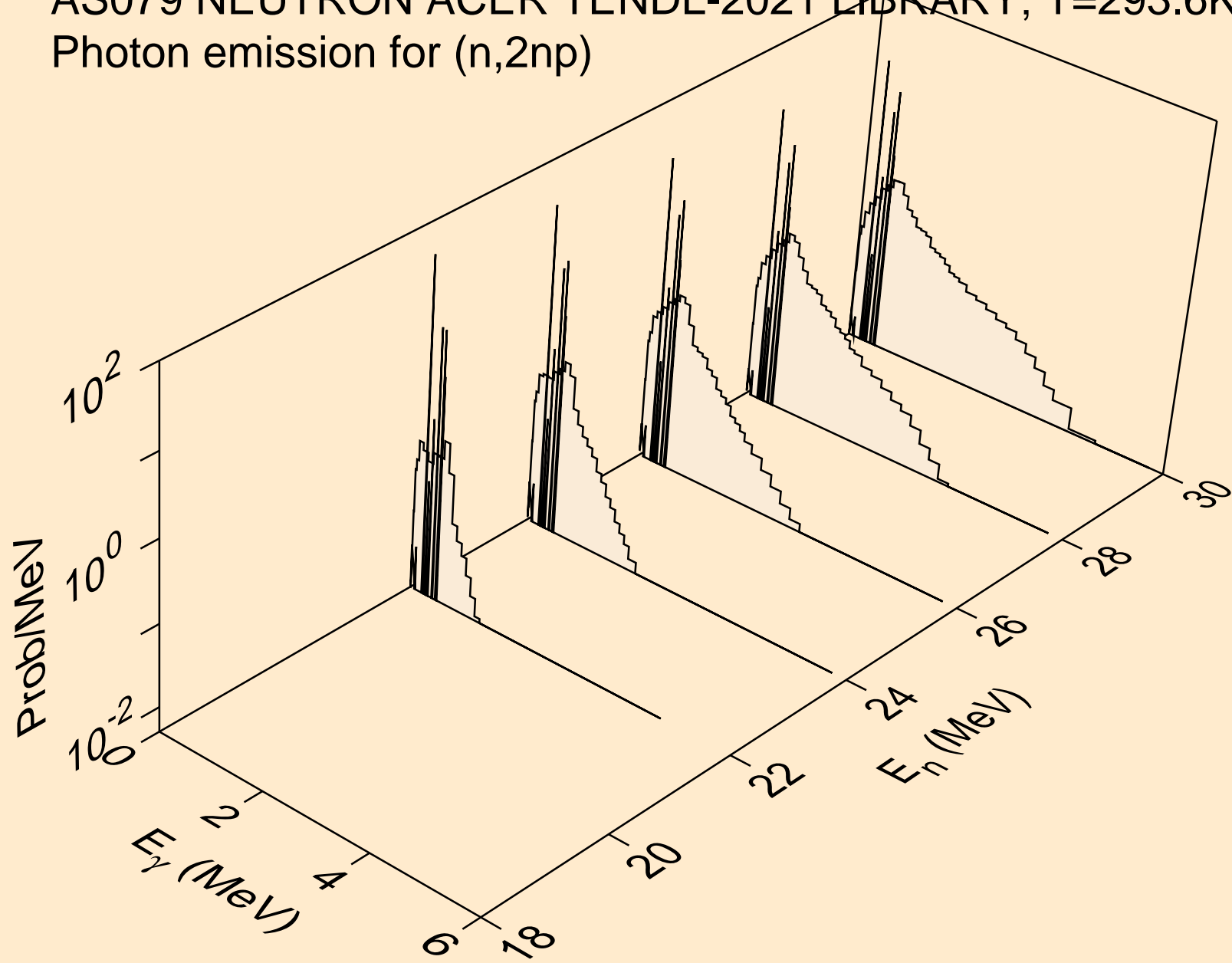


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Photon emission for (n,4n)

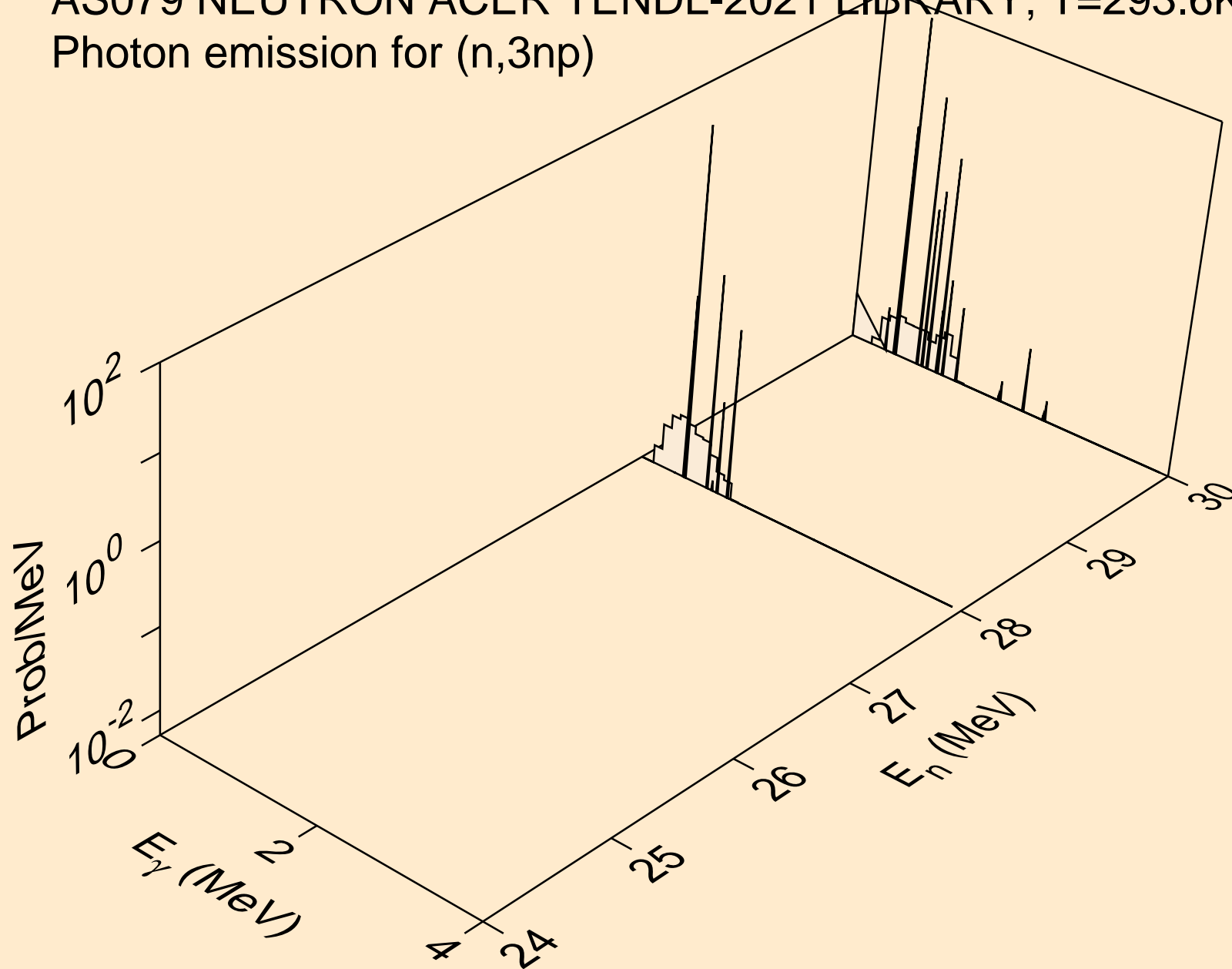




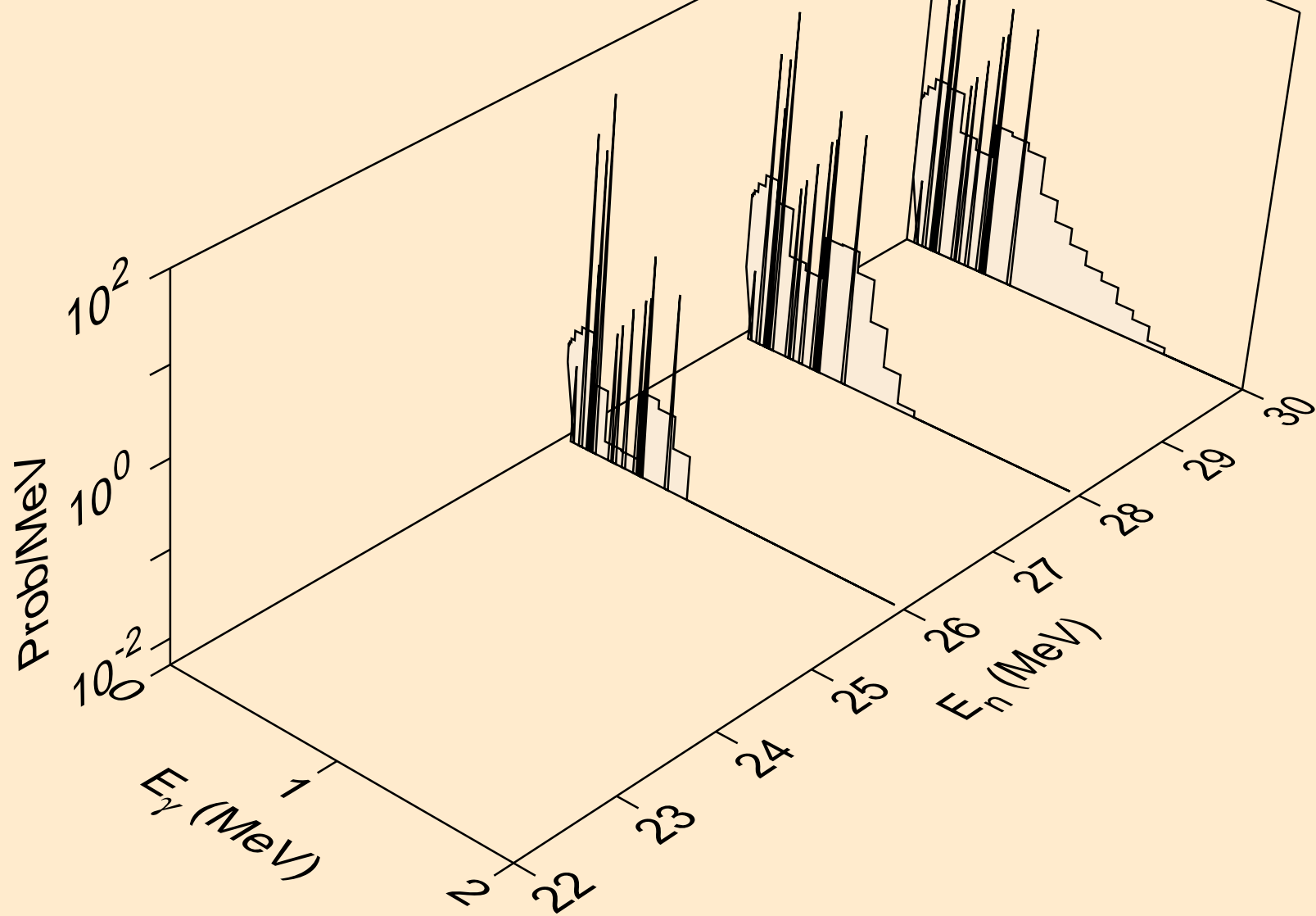
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Photon emission for (n,2np)



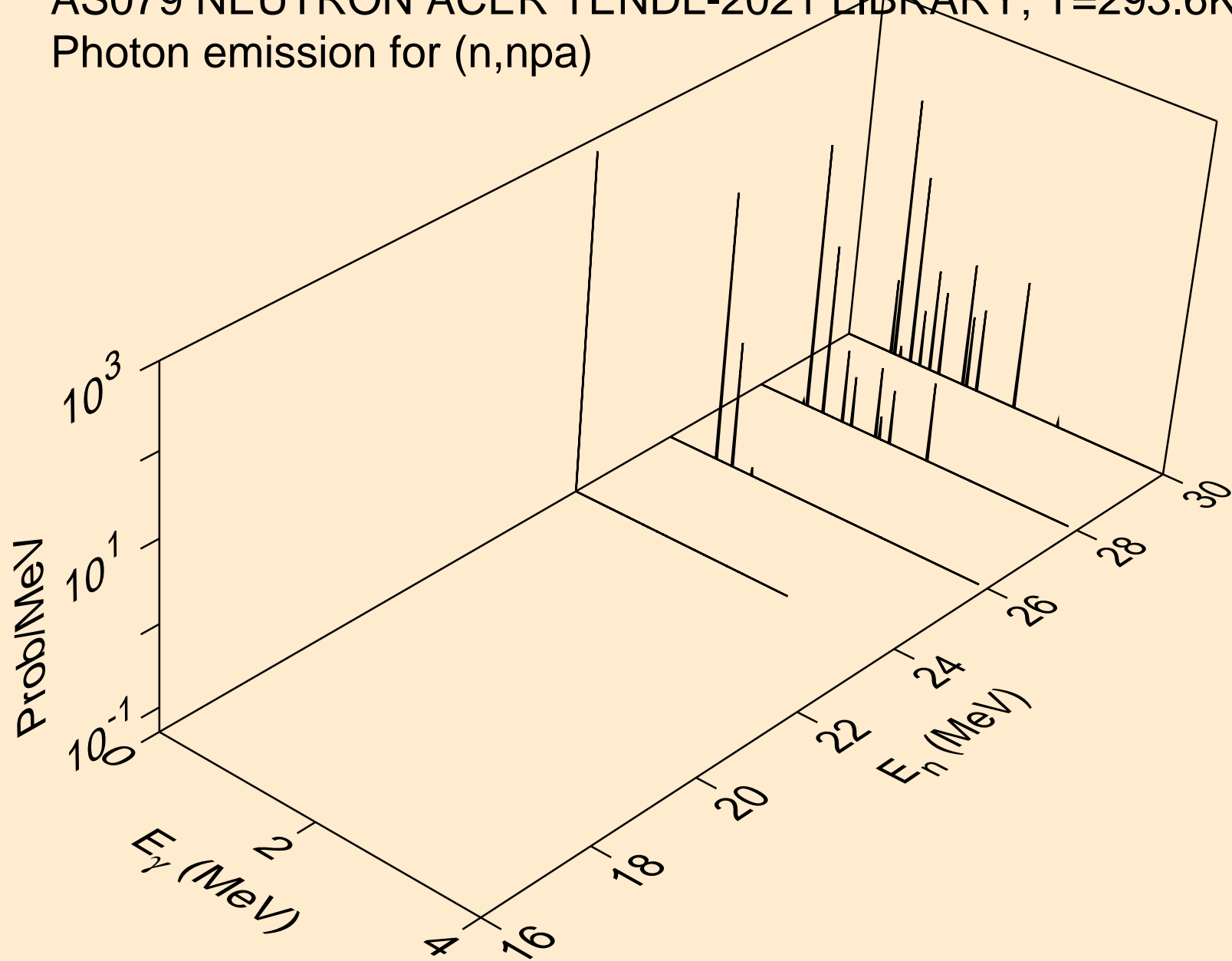
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Photon emission for (n,3np)



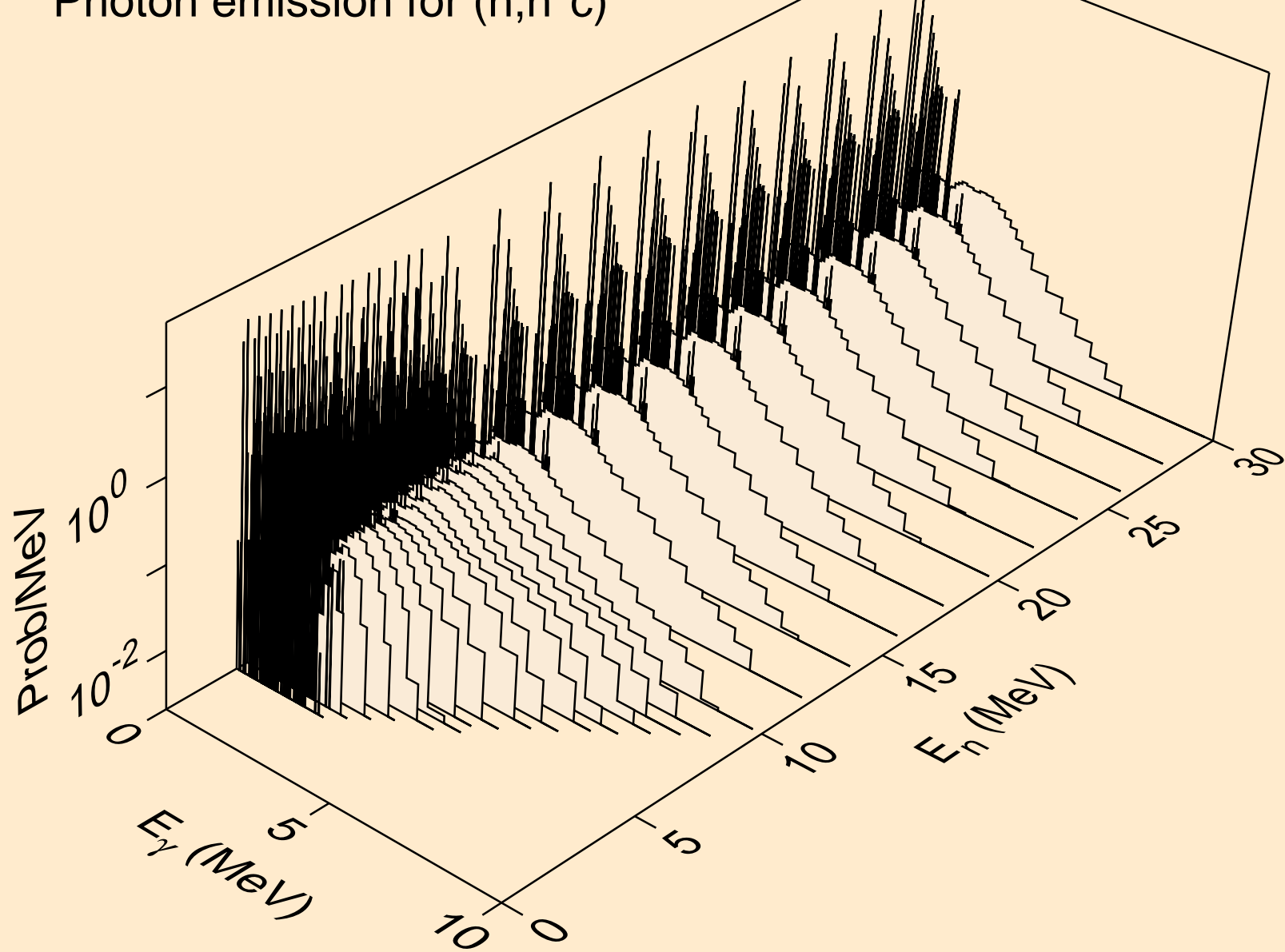
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Photon emission for (n,2np)



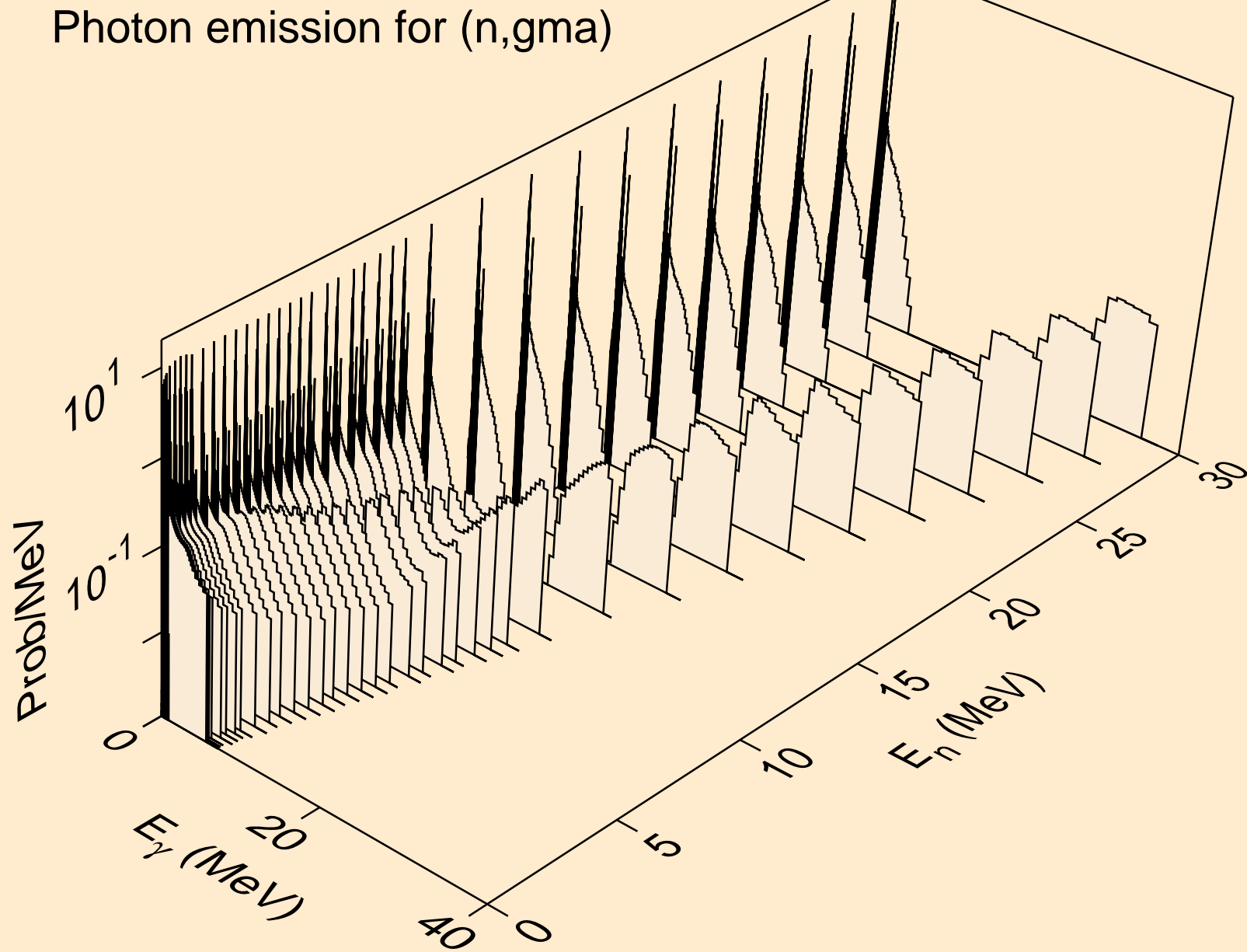
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Photon emission for (n,npa)



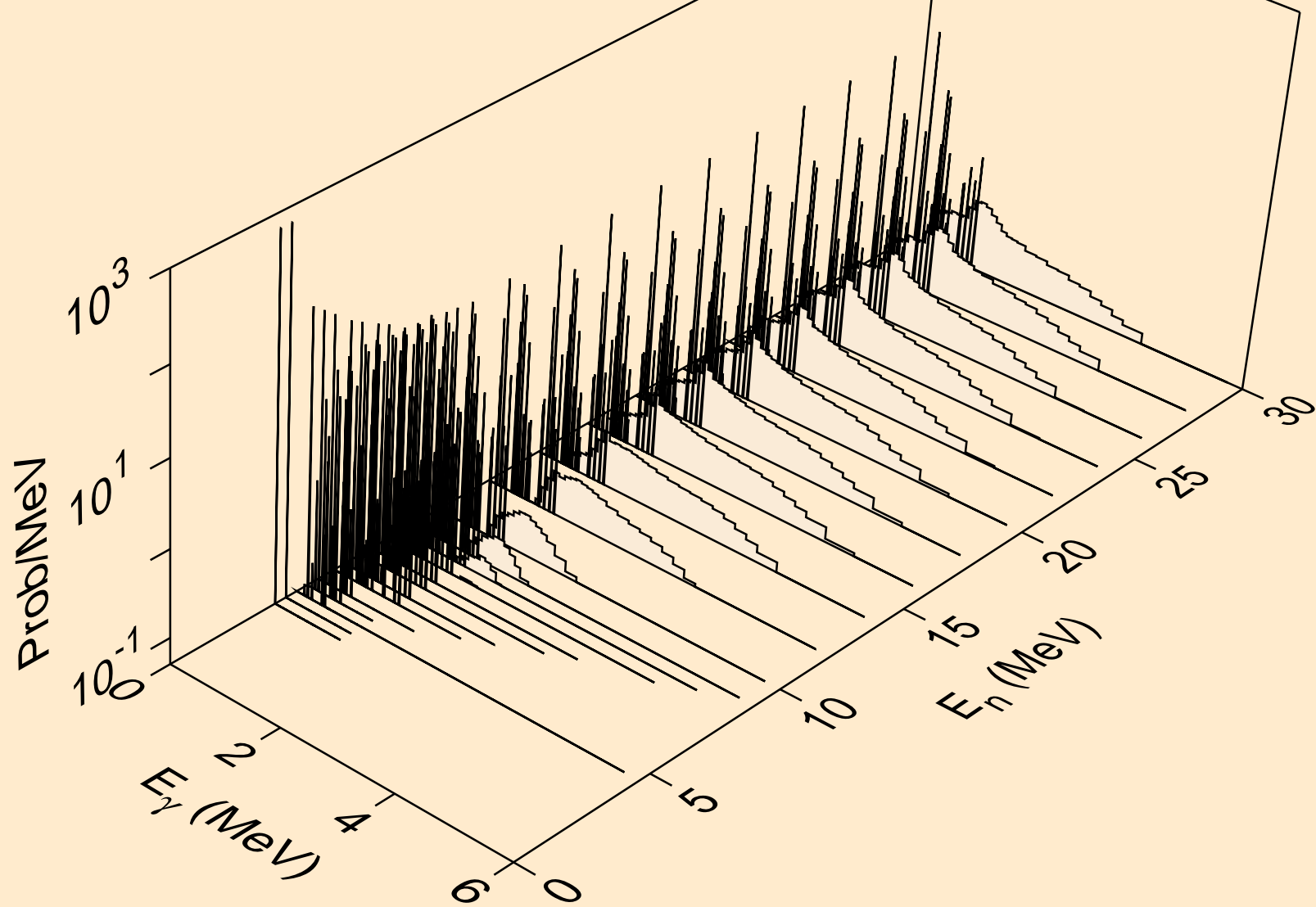
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Photon emission for (n,n\*c)



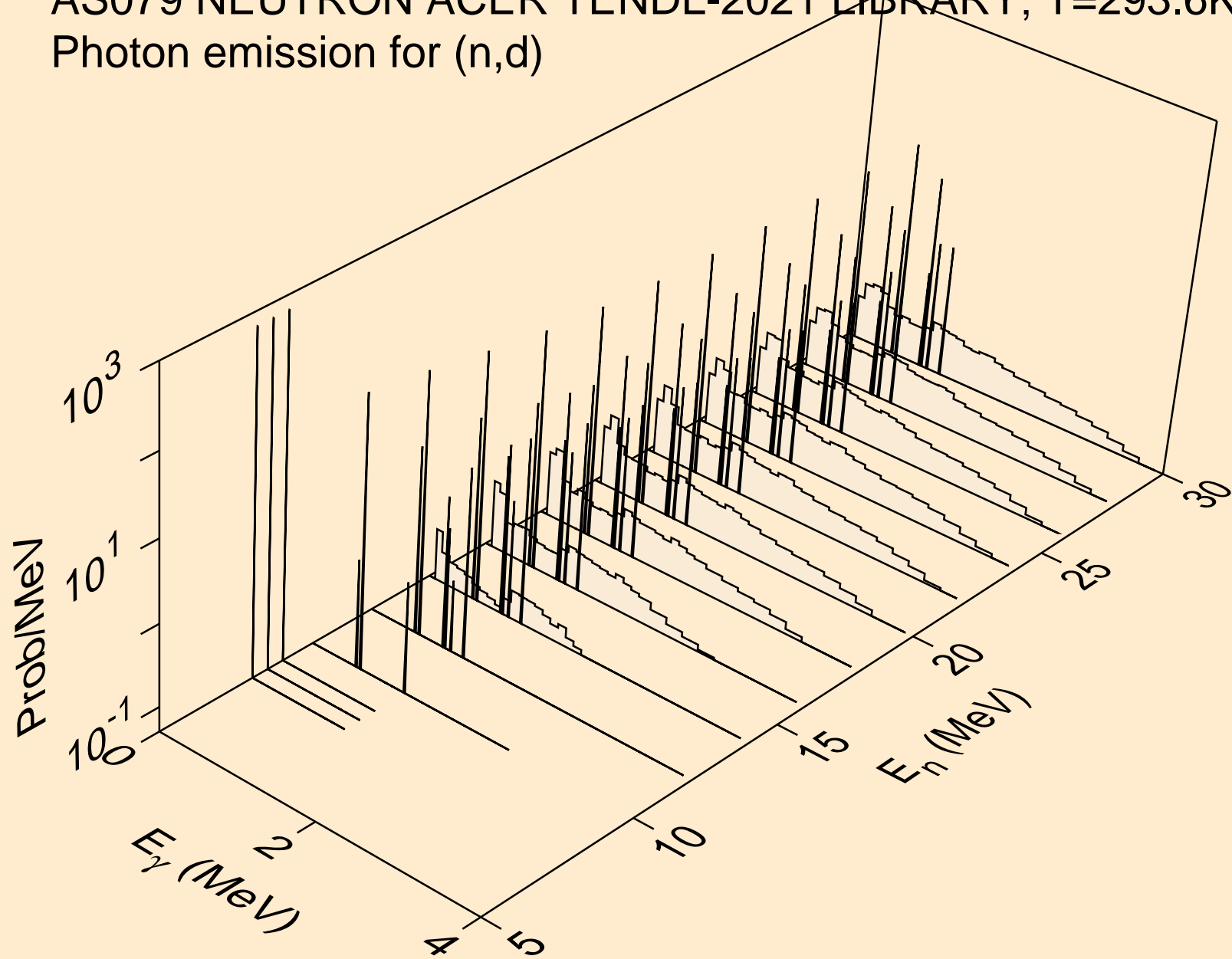
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Photon emission for (n,gma)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

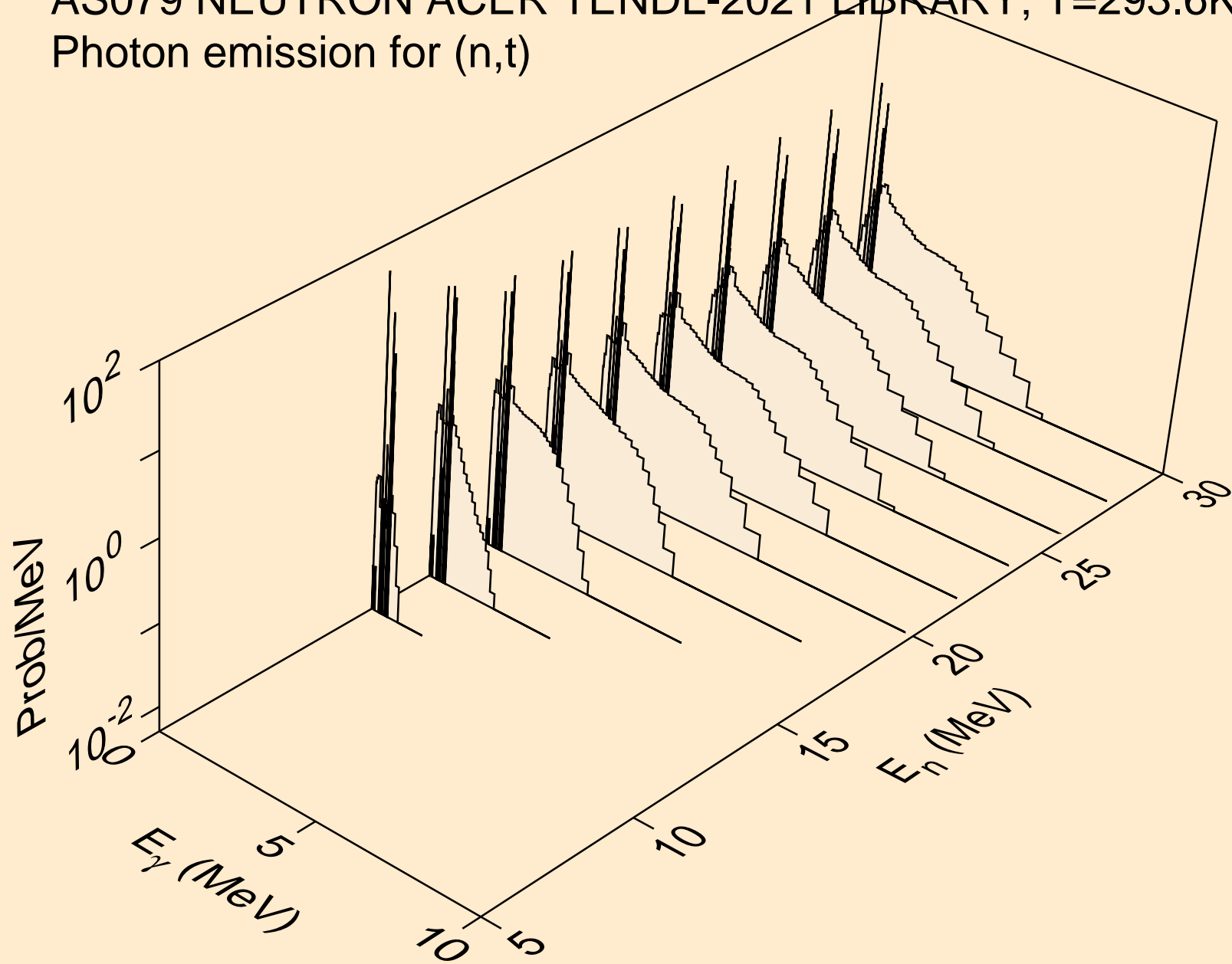


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Photon emission for (n,d)

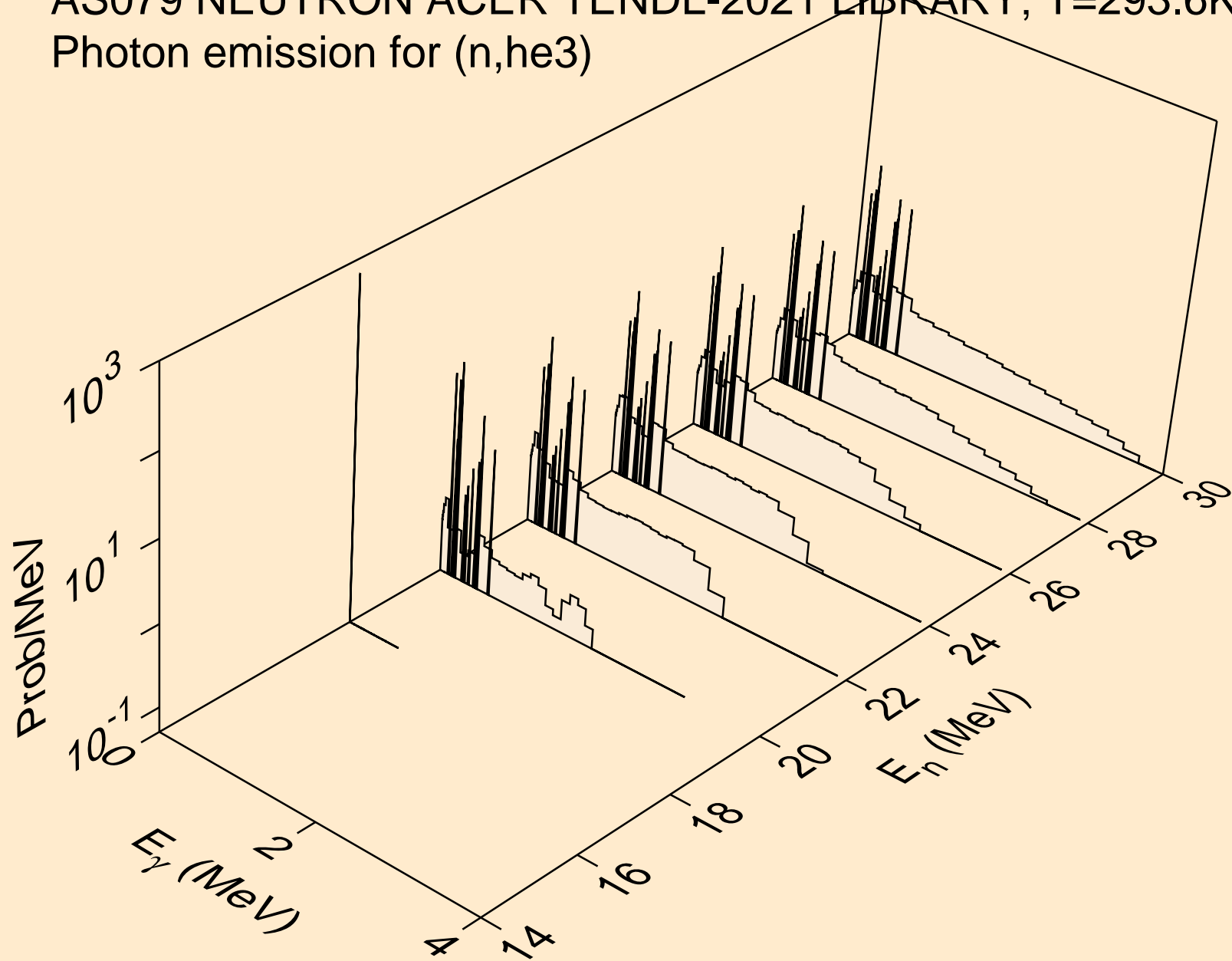




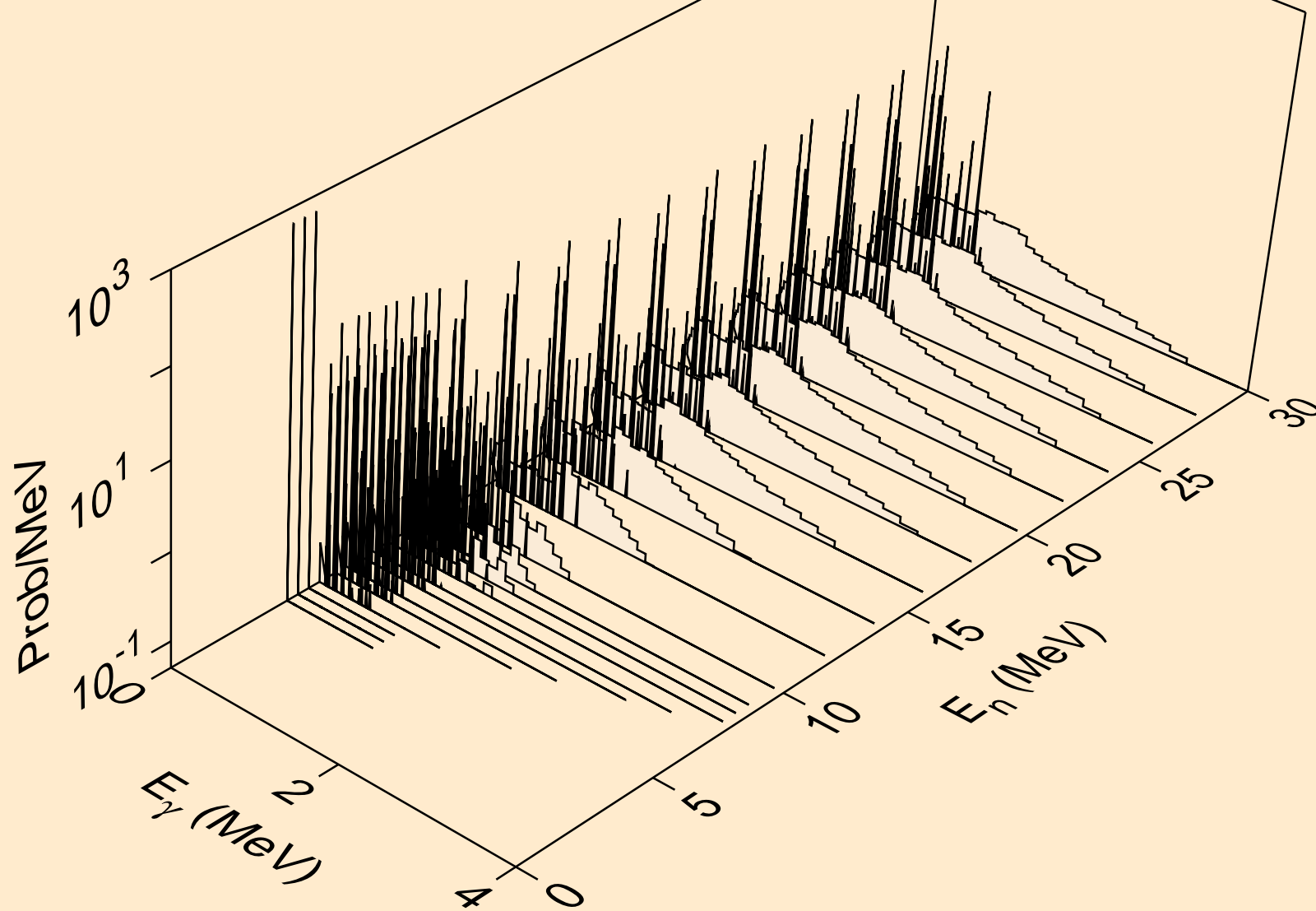
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Photon emission for (n,t)



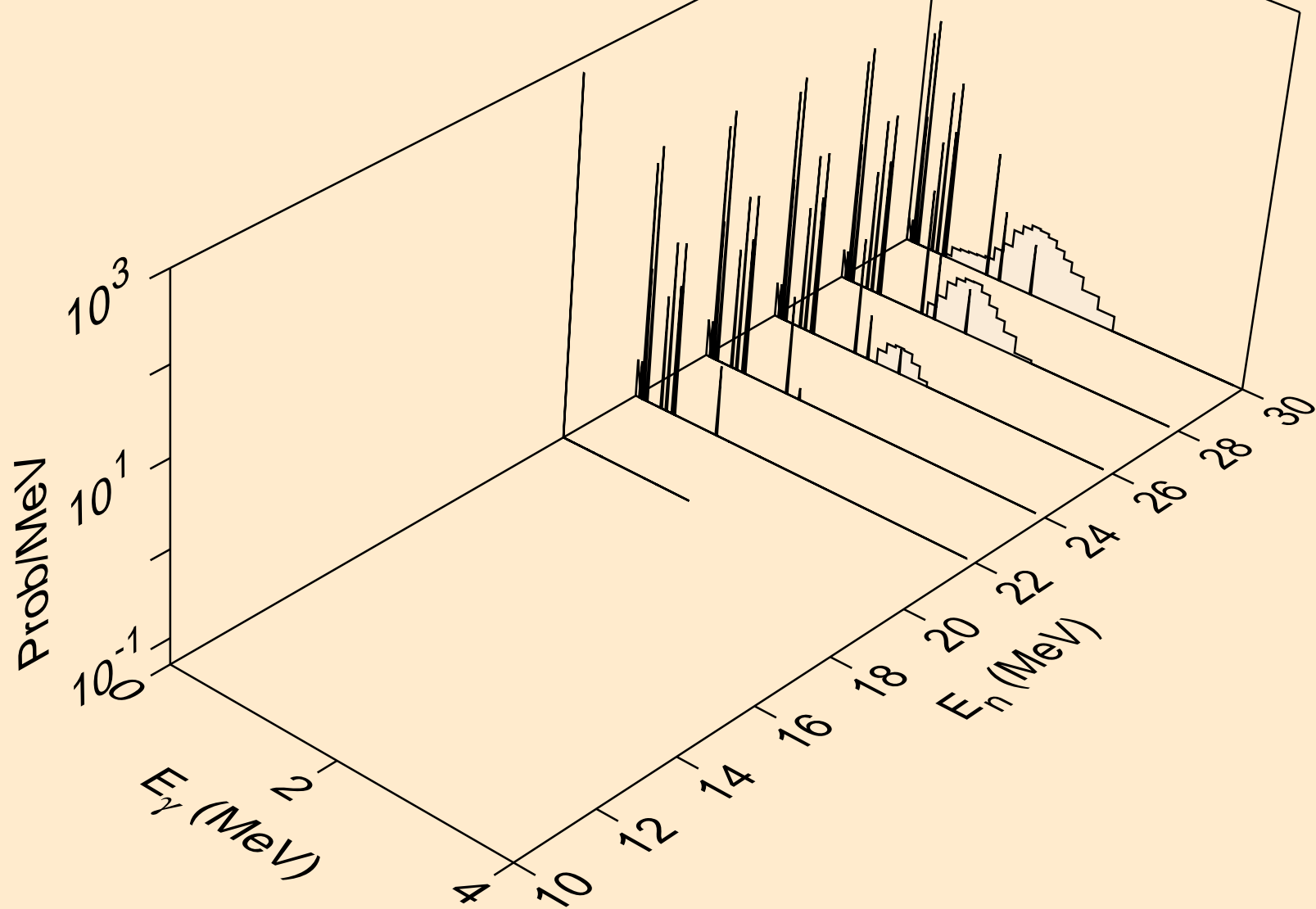
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Photon emission for (n,he3)



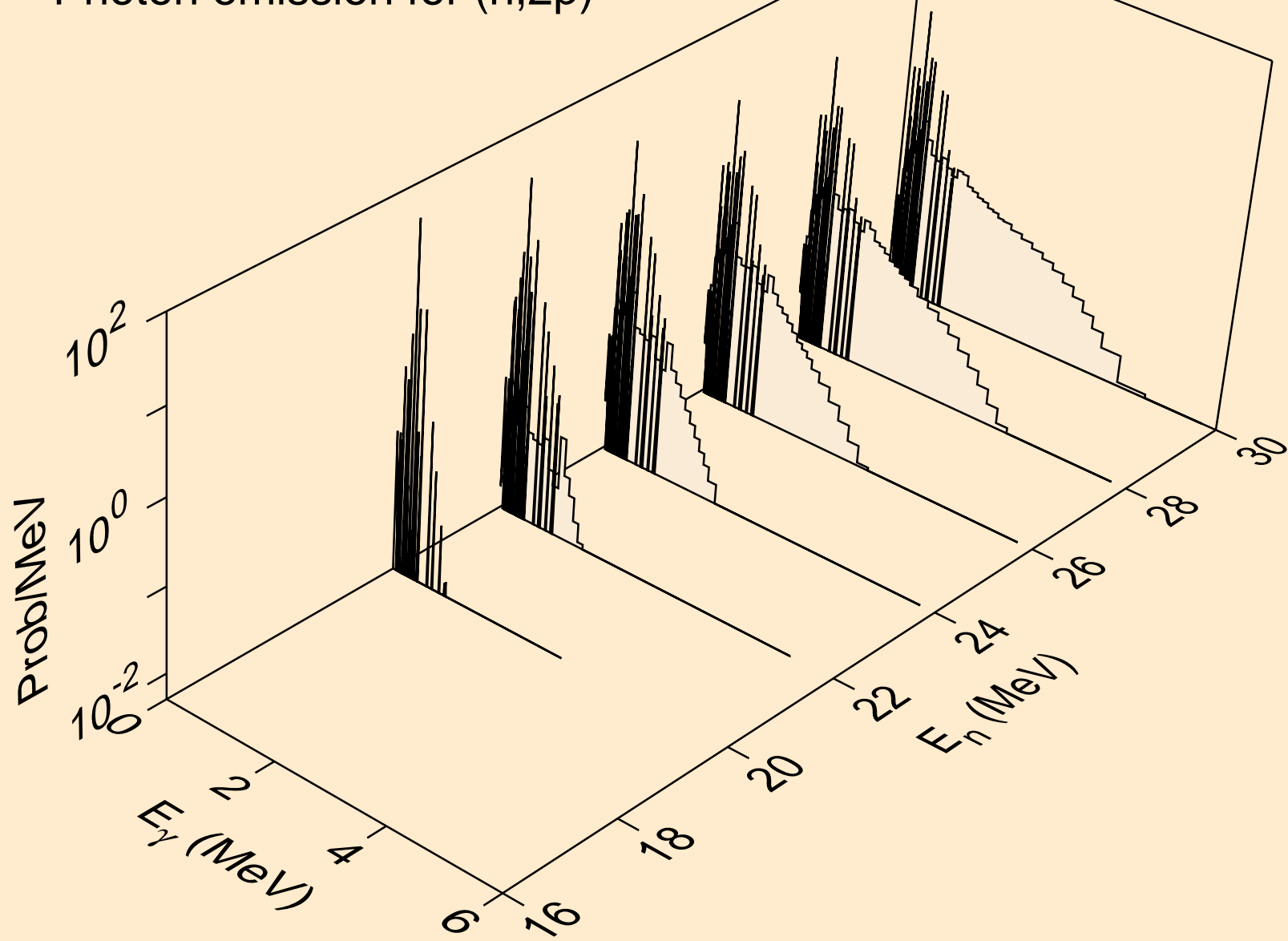
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Photon emission for (n,a)



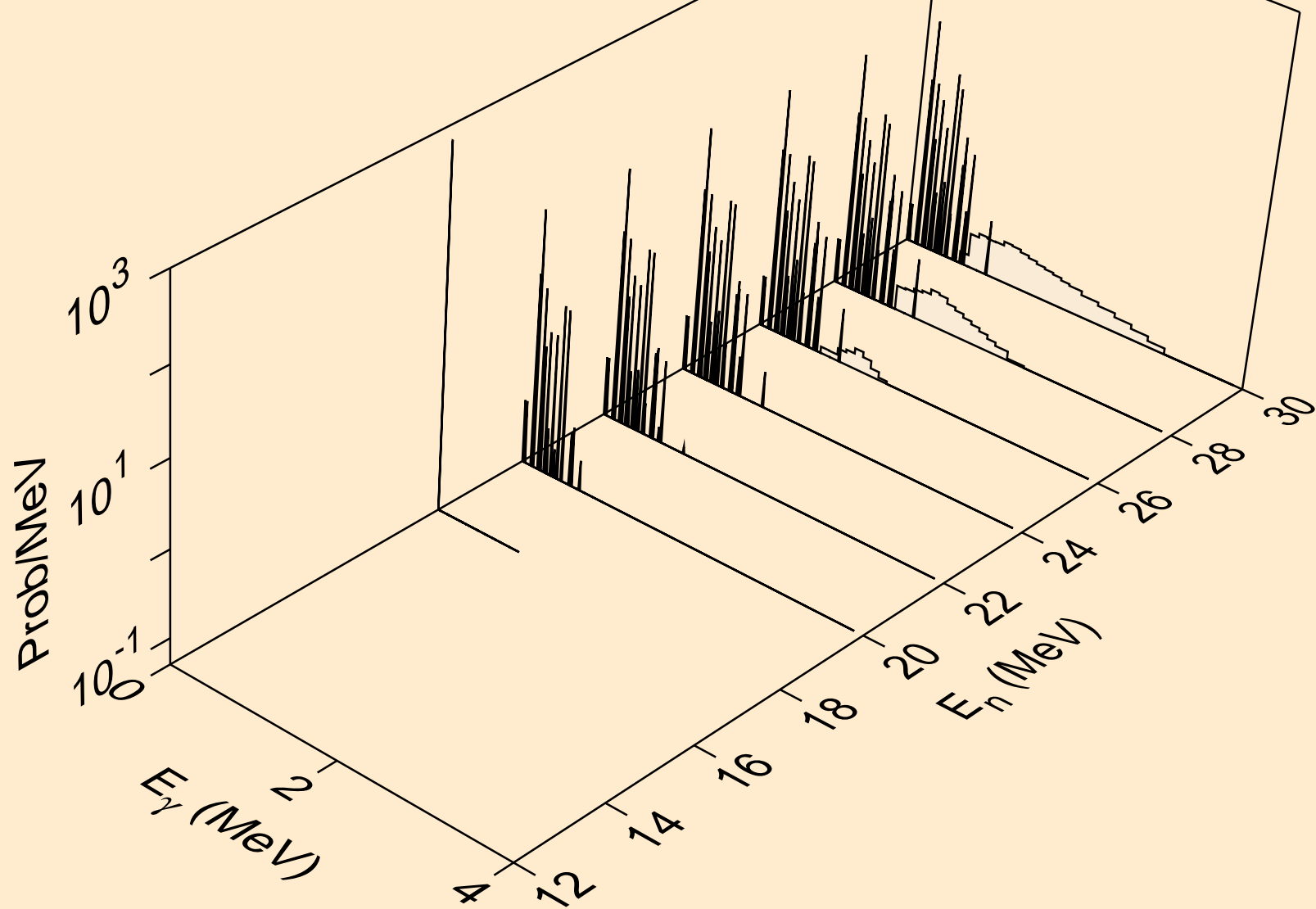
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Photon emission for (n,2a)



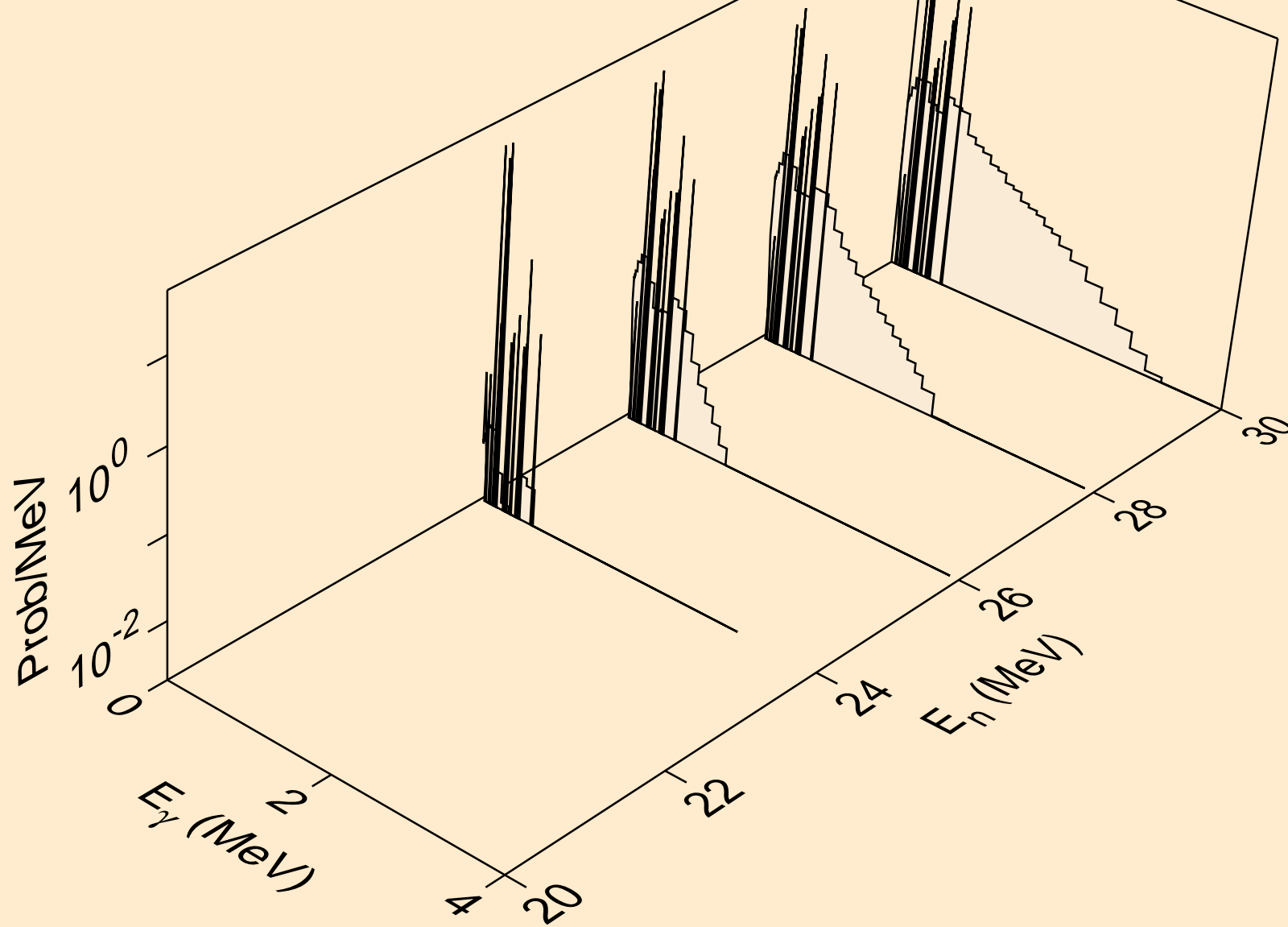
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Photon emission for (n,2p)



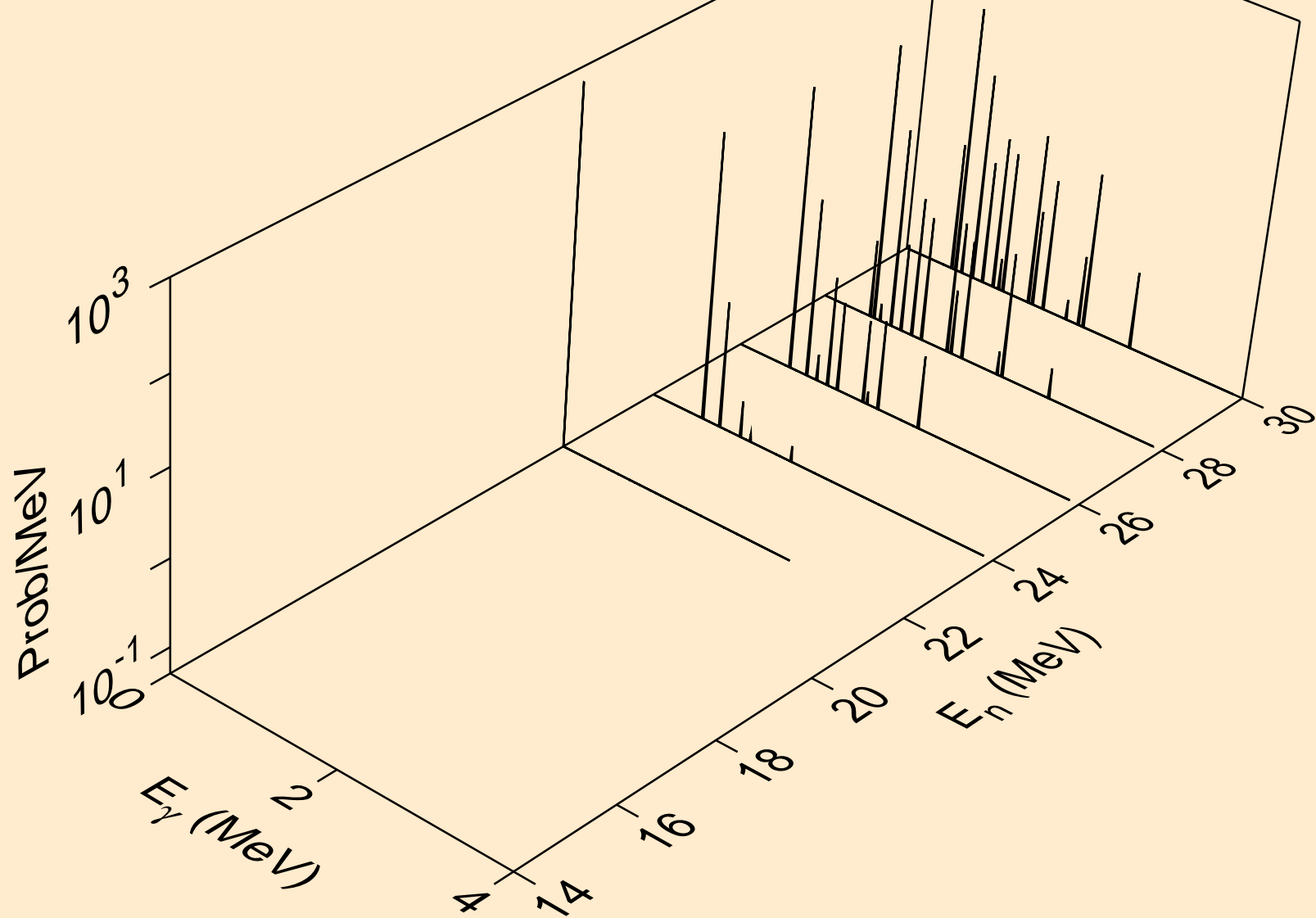
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Photon emission for (n,p $\alpha$ )



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

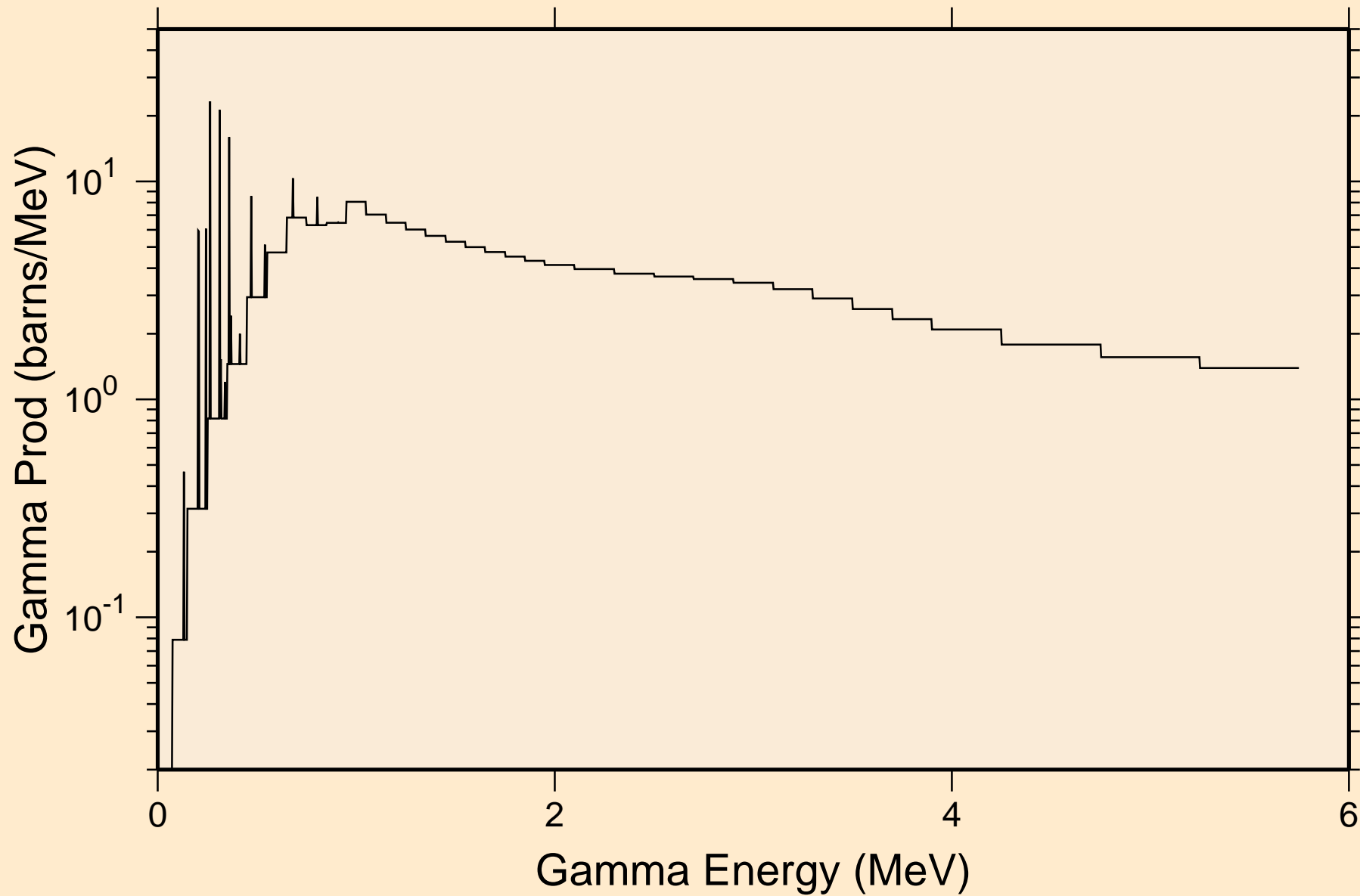


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Photon emission for (n,da)

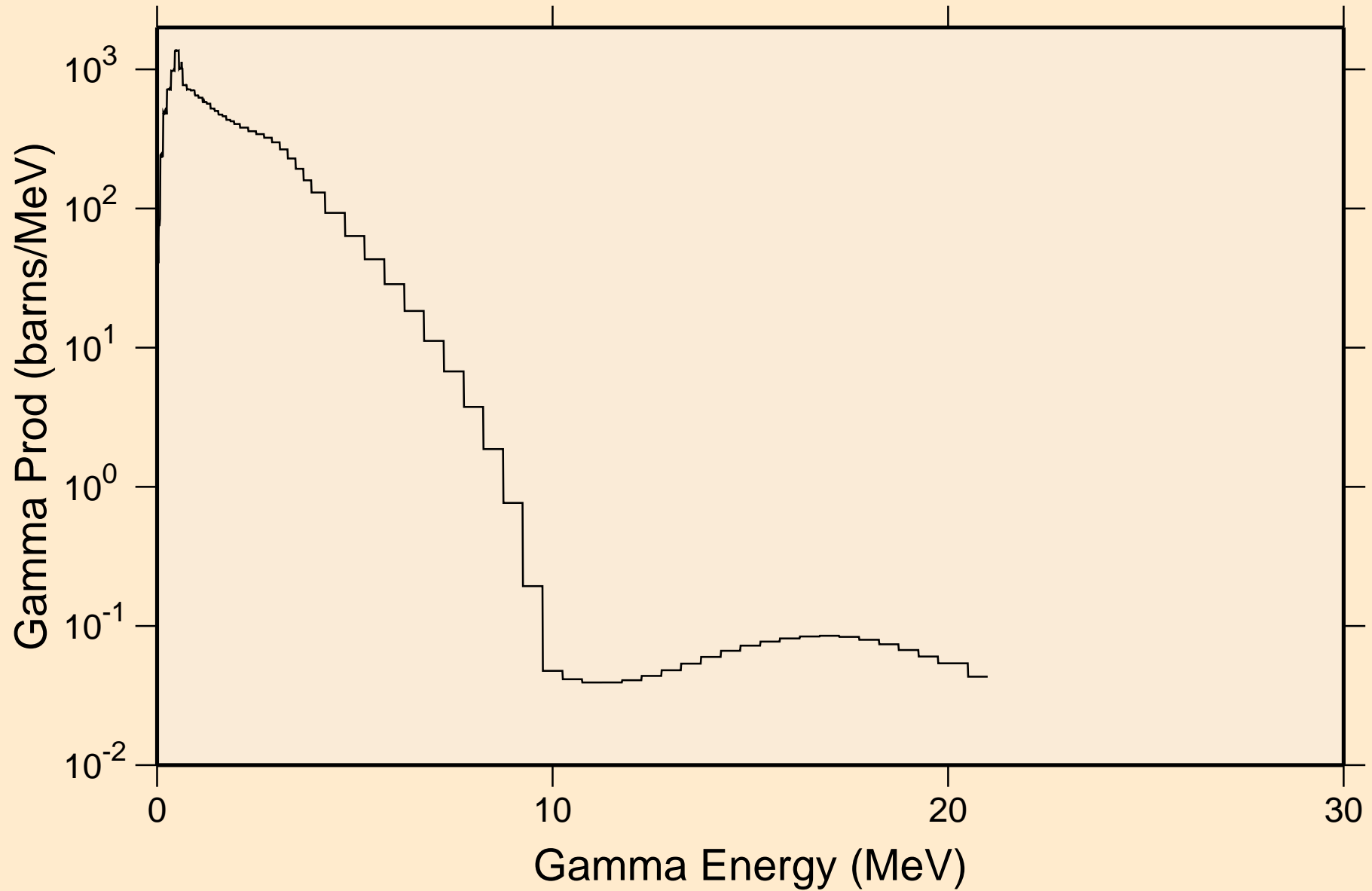




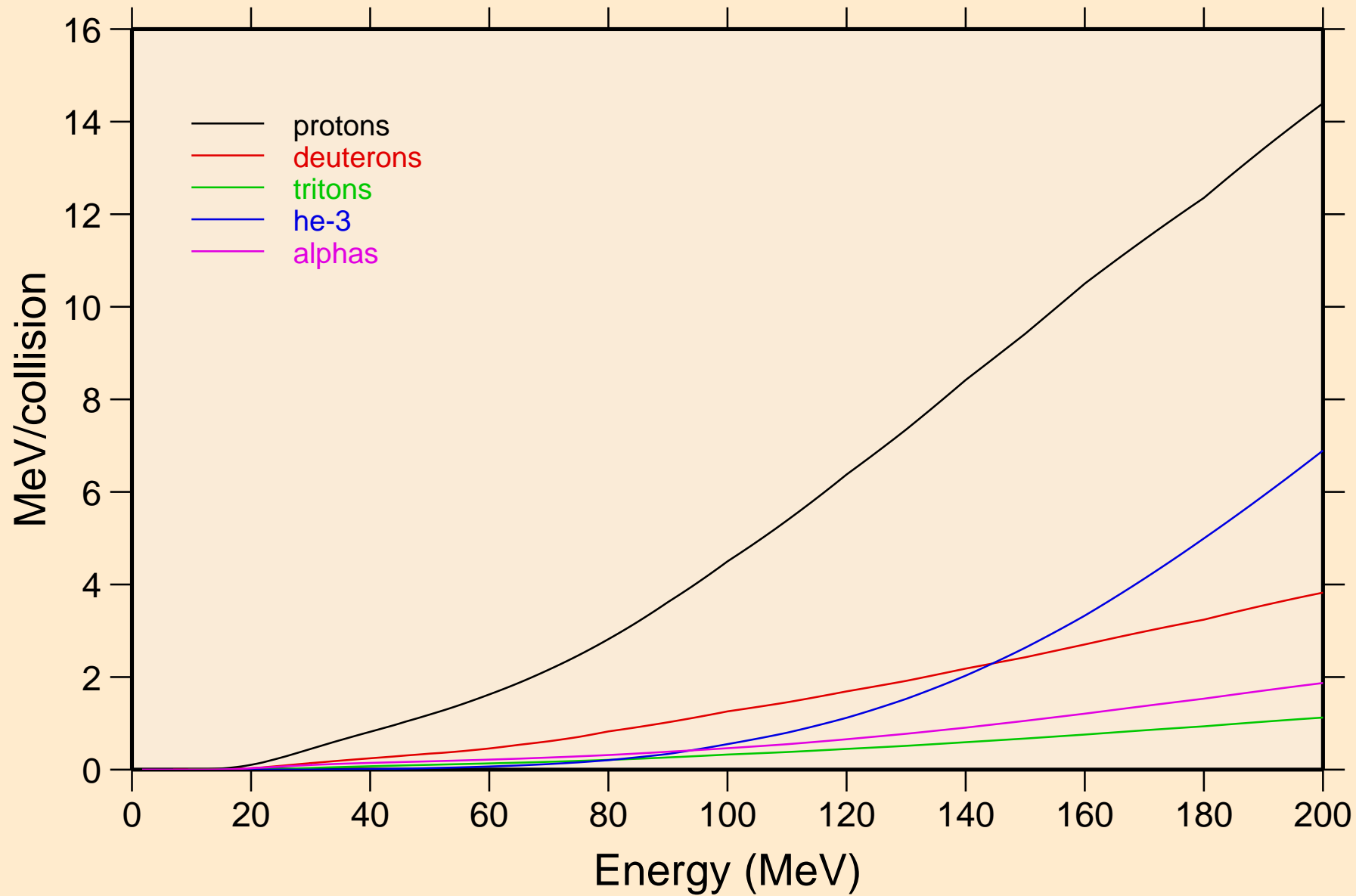
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thermal capture photon spectrum



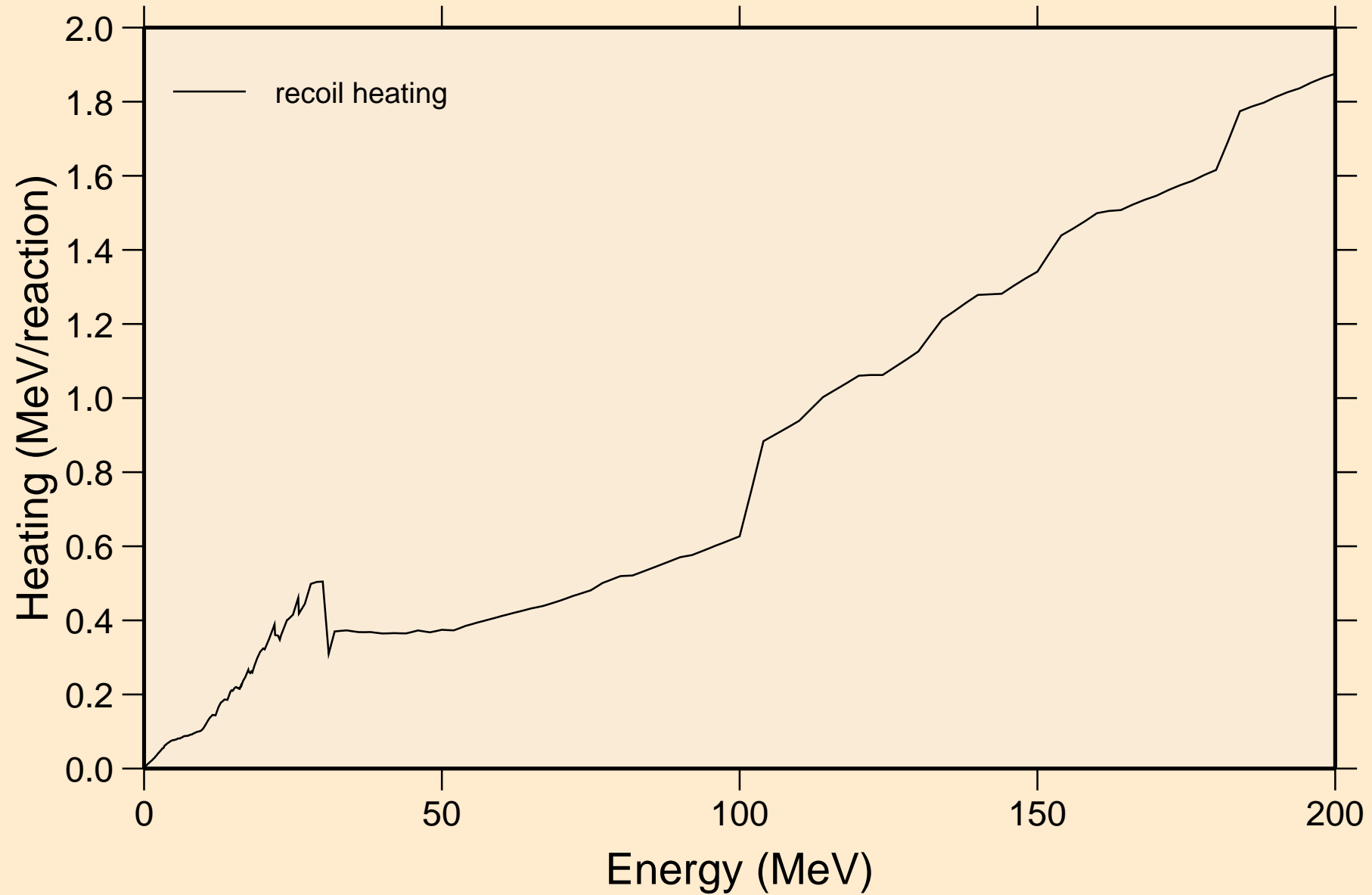
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14 MeV photon spectrum



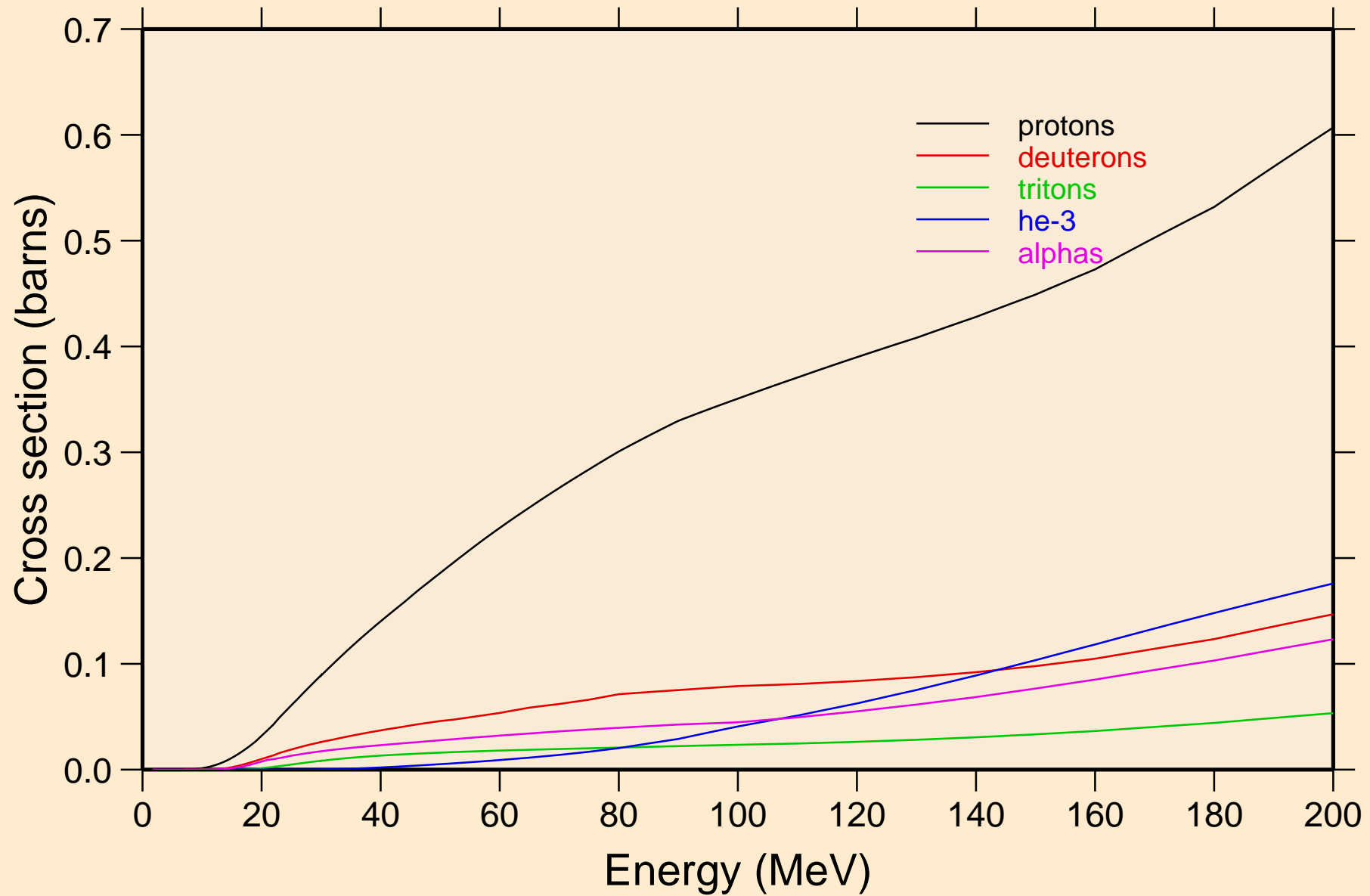
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Particle heating contributions



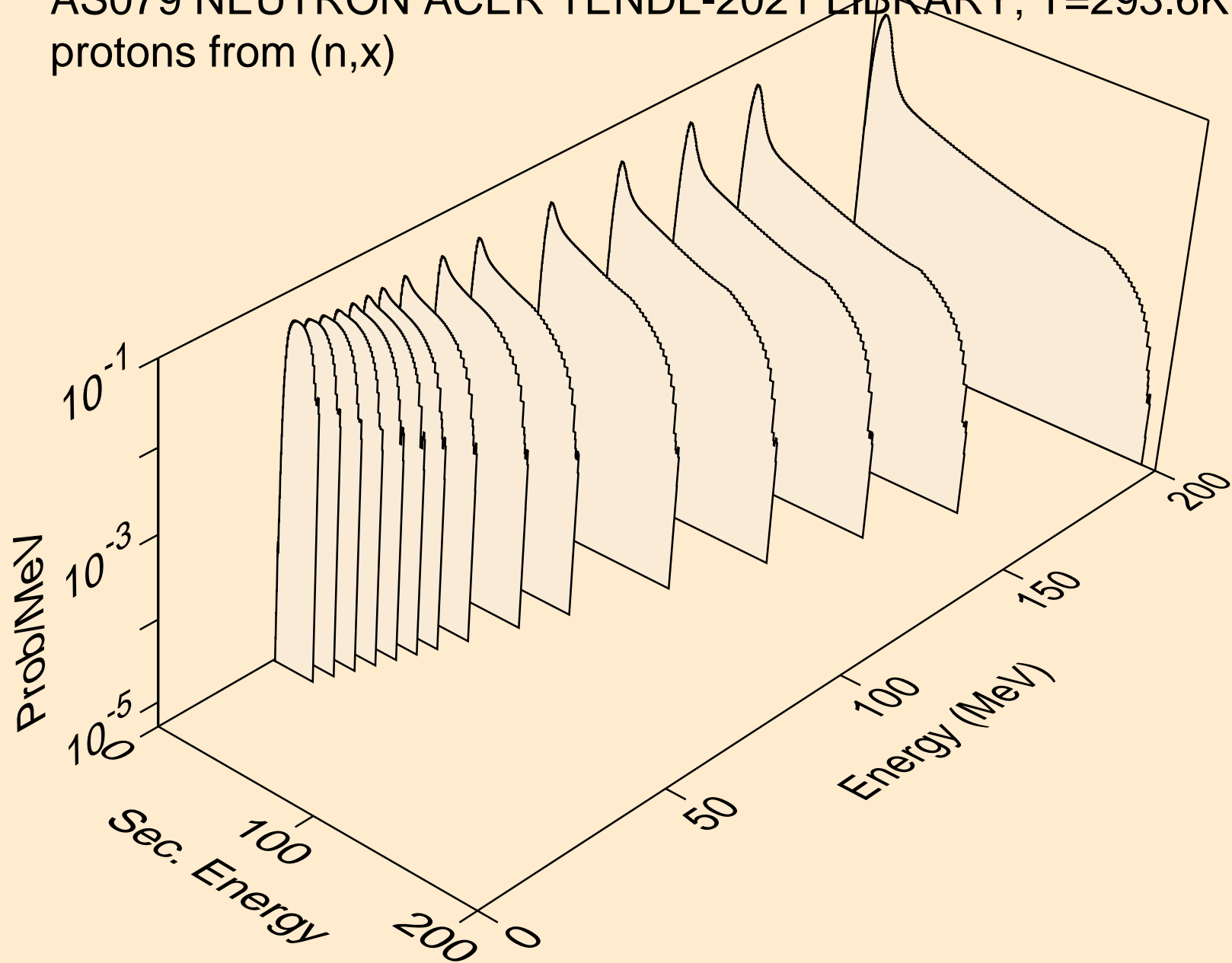
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Recoil Heating



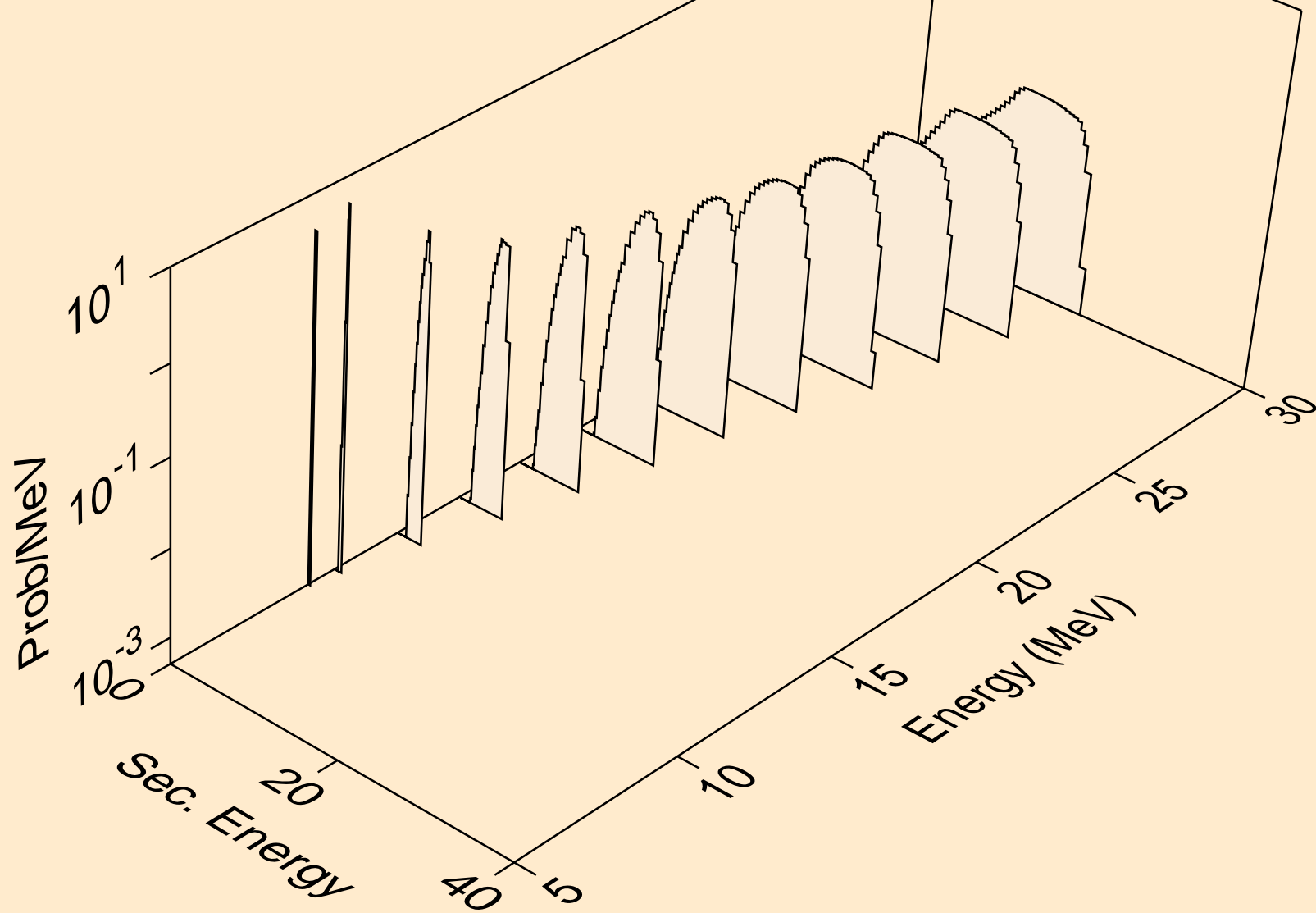
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Particle production cross sections



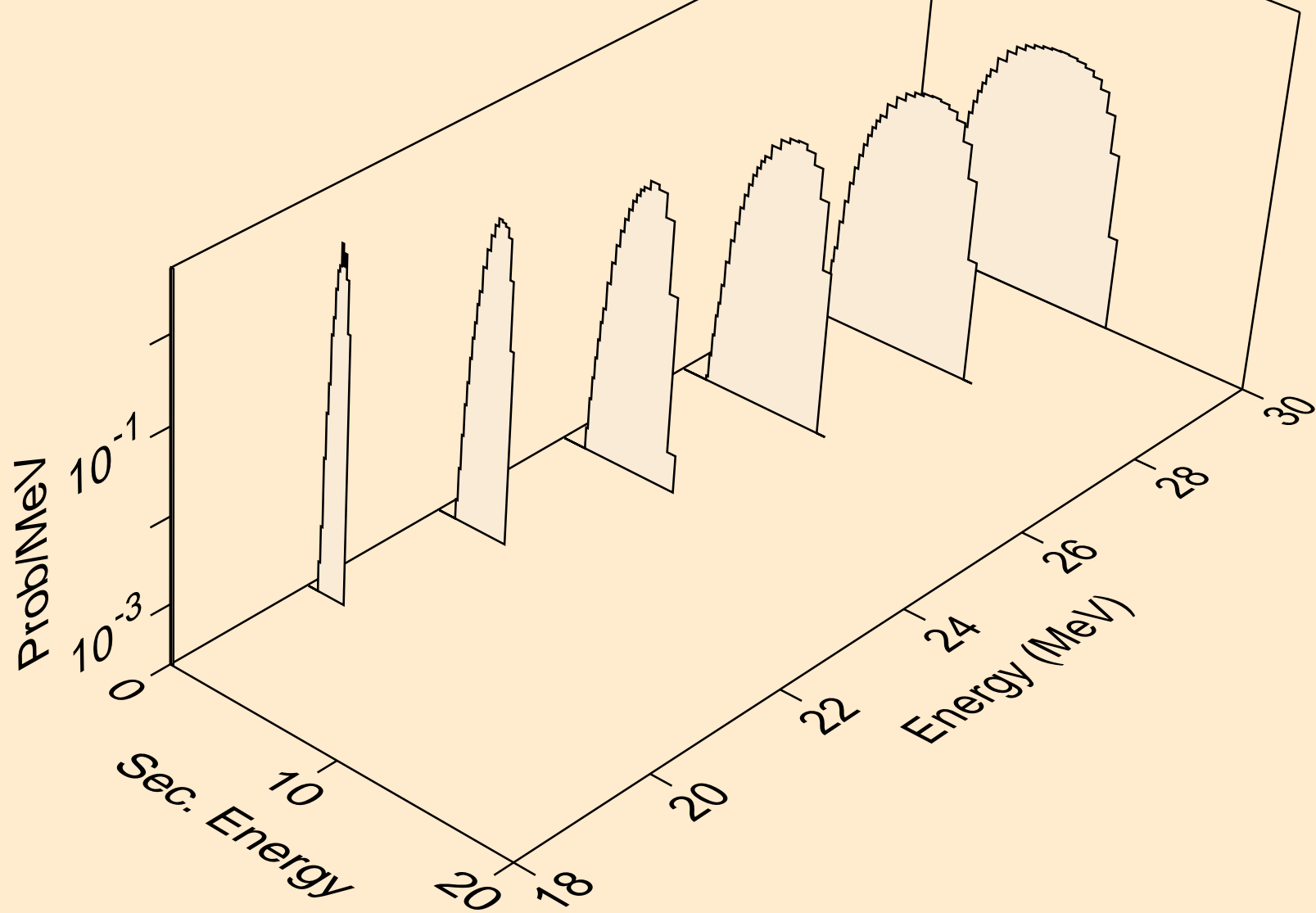
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

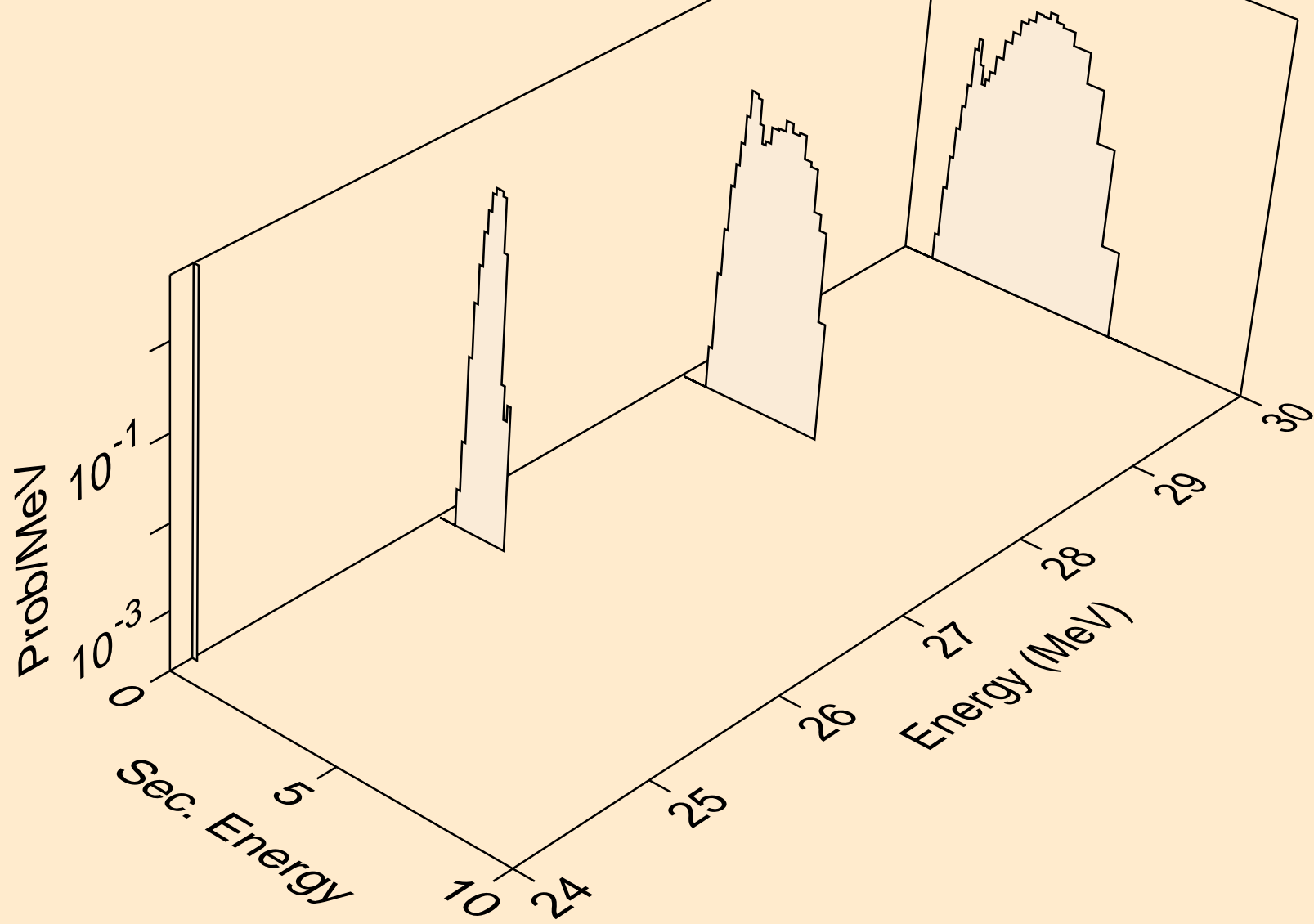


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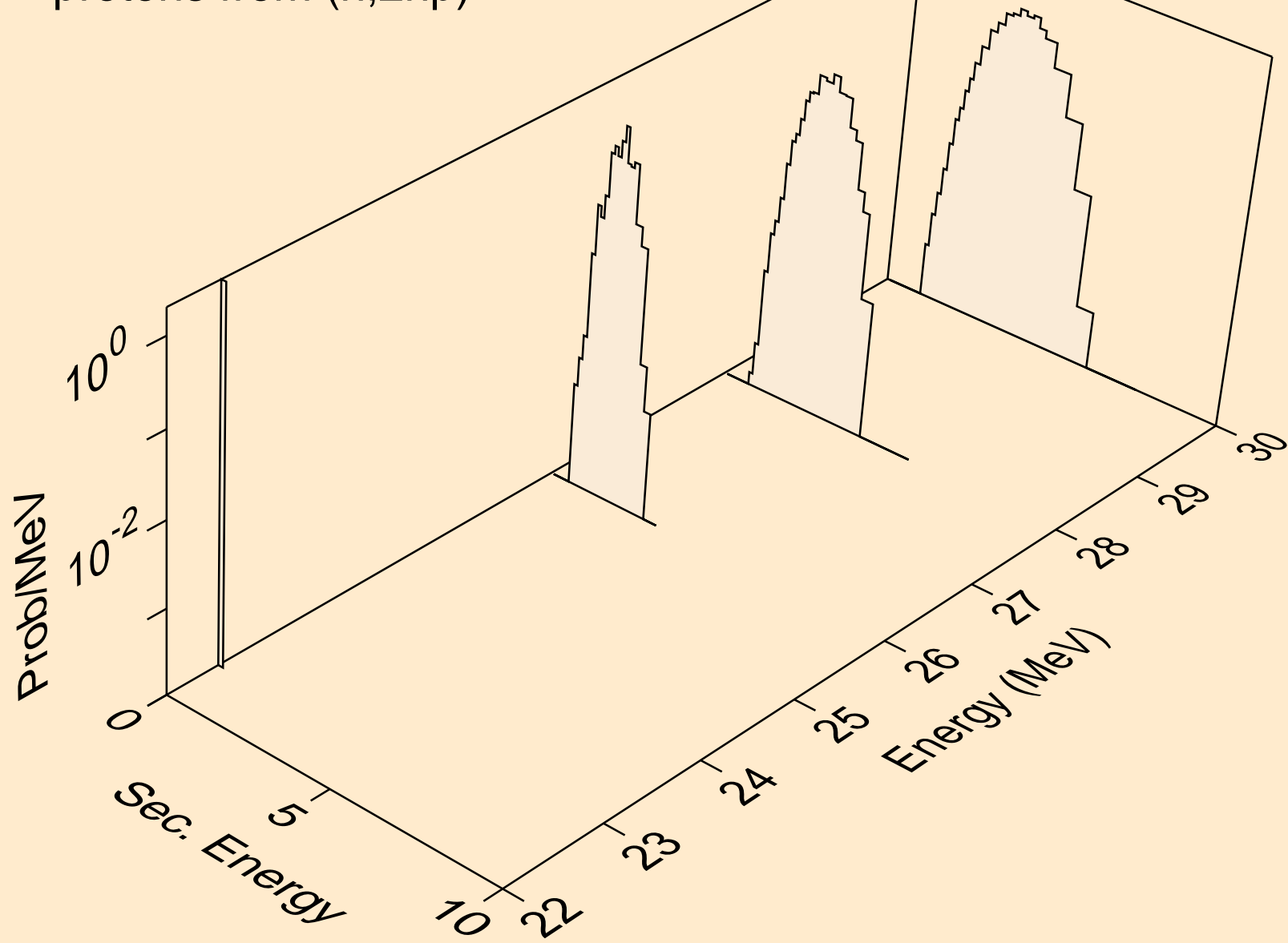




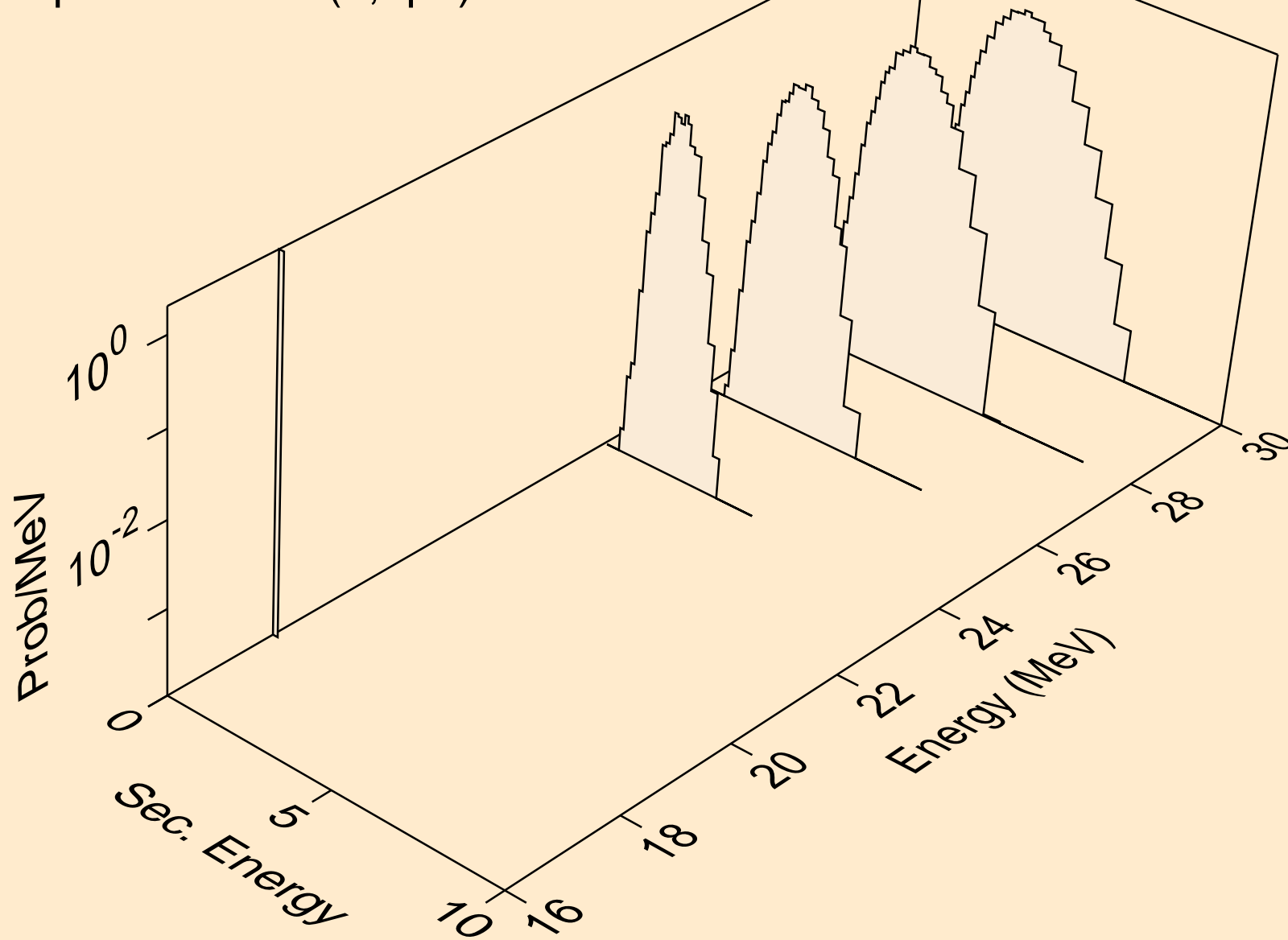
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protons from (n,3np)



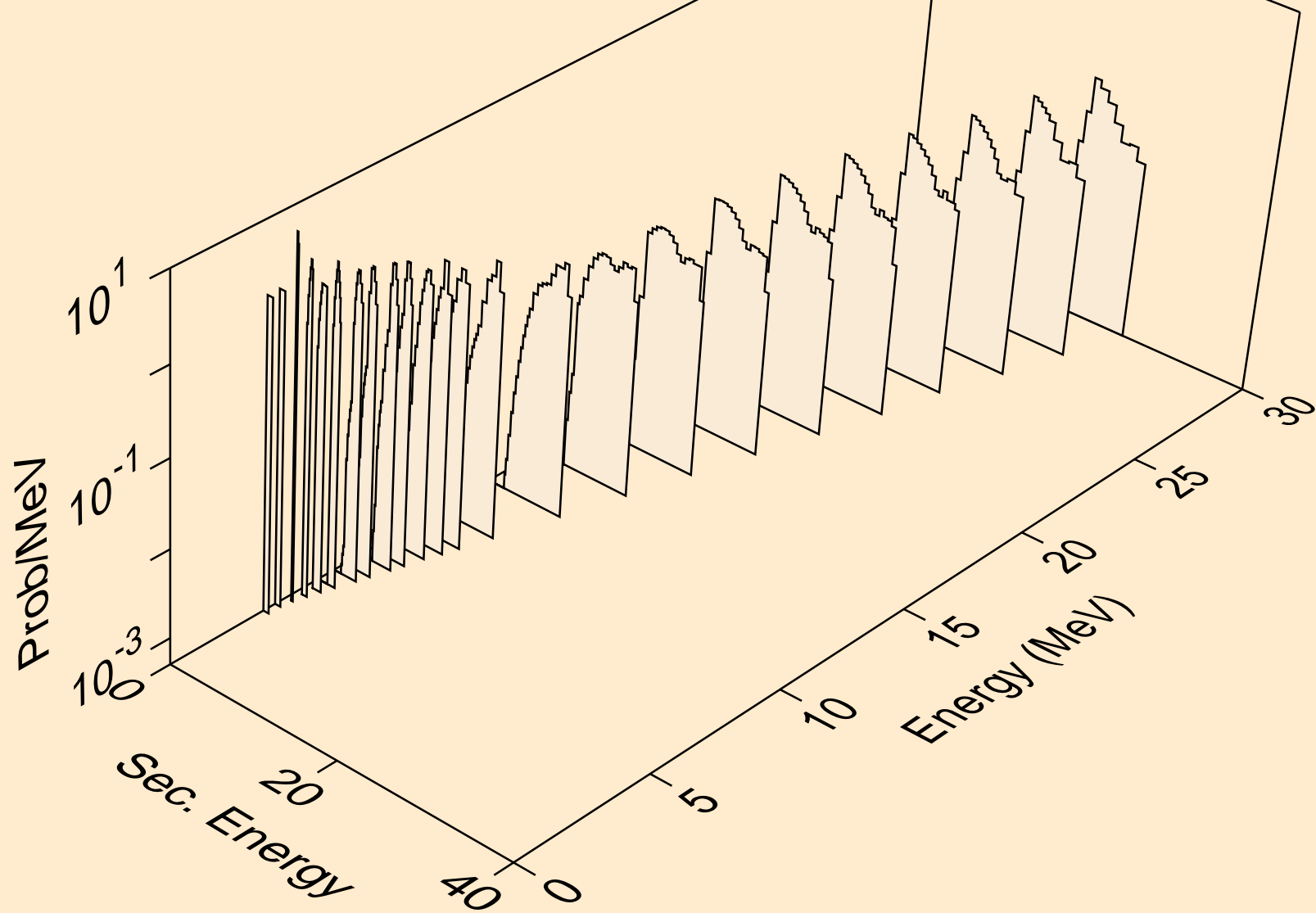
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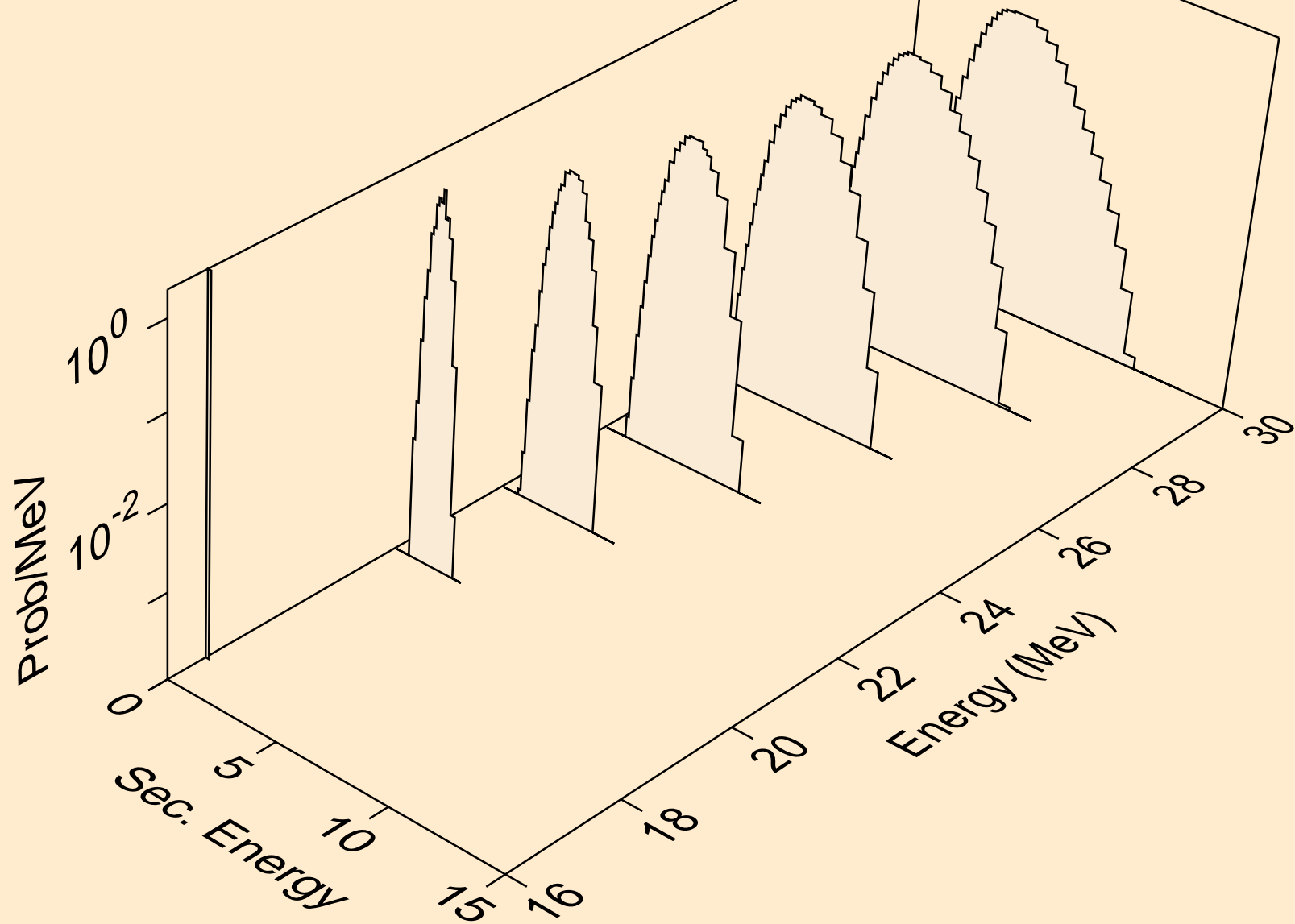
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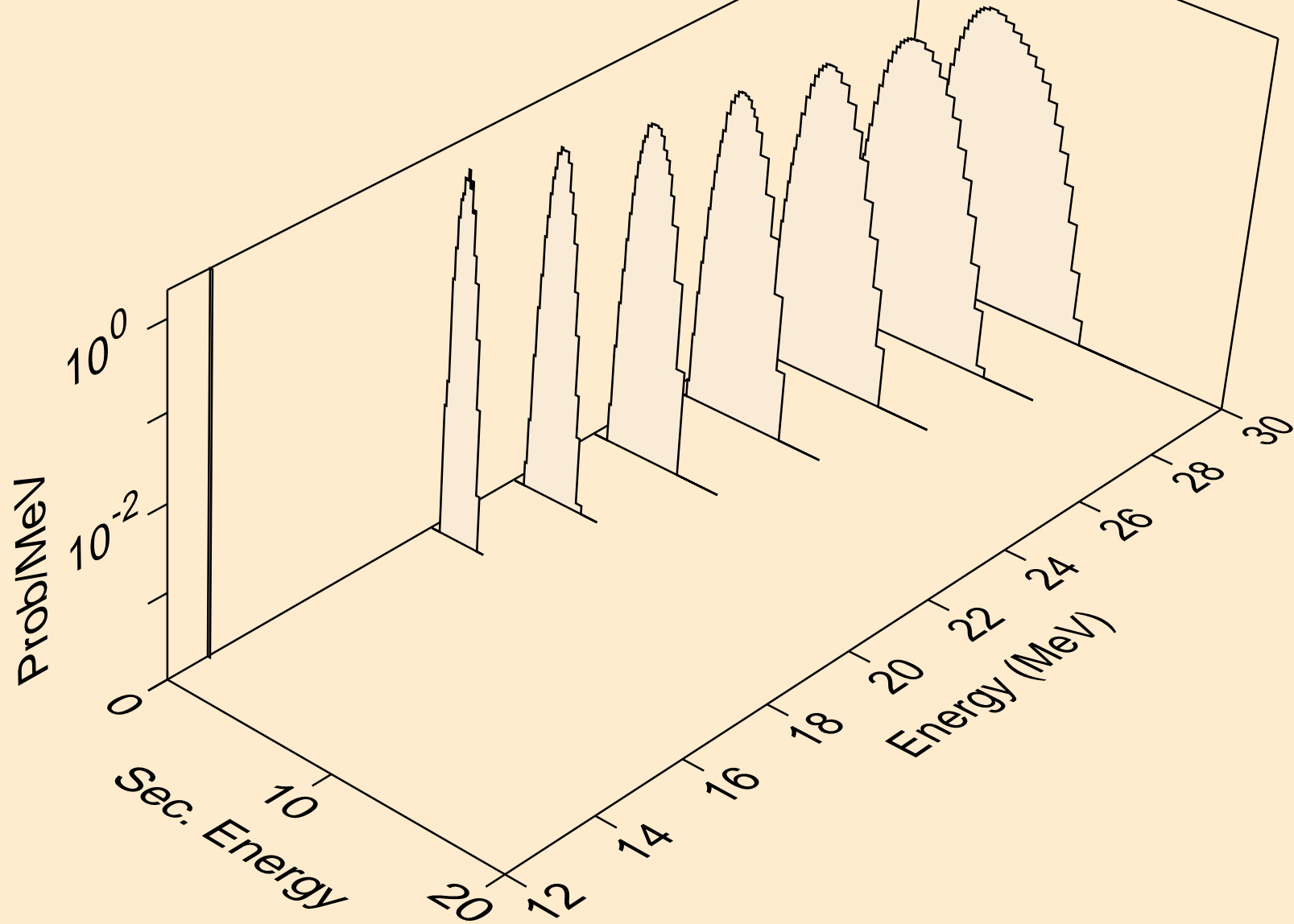
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protons from (n,p)



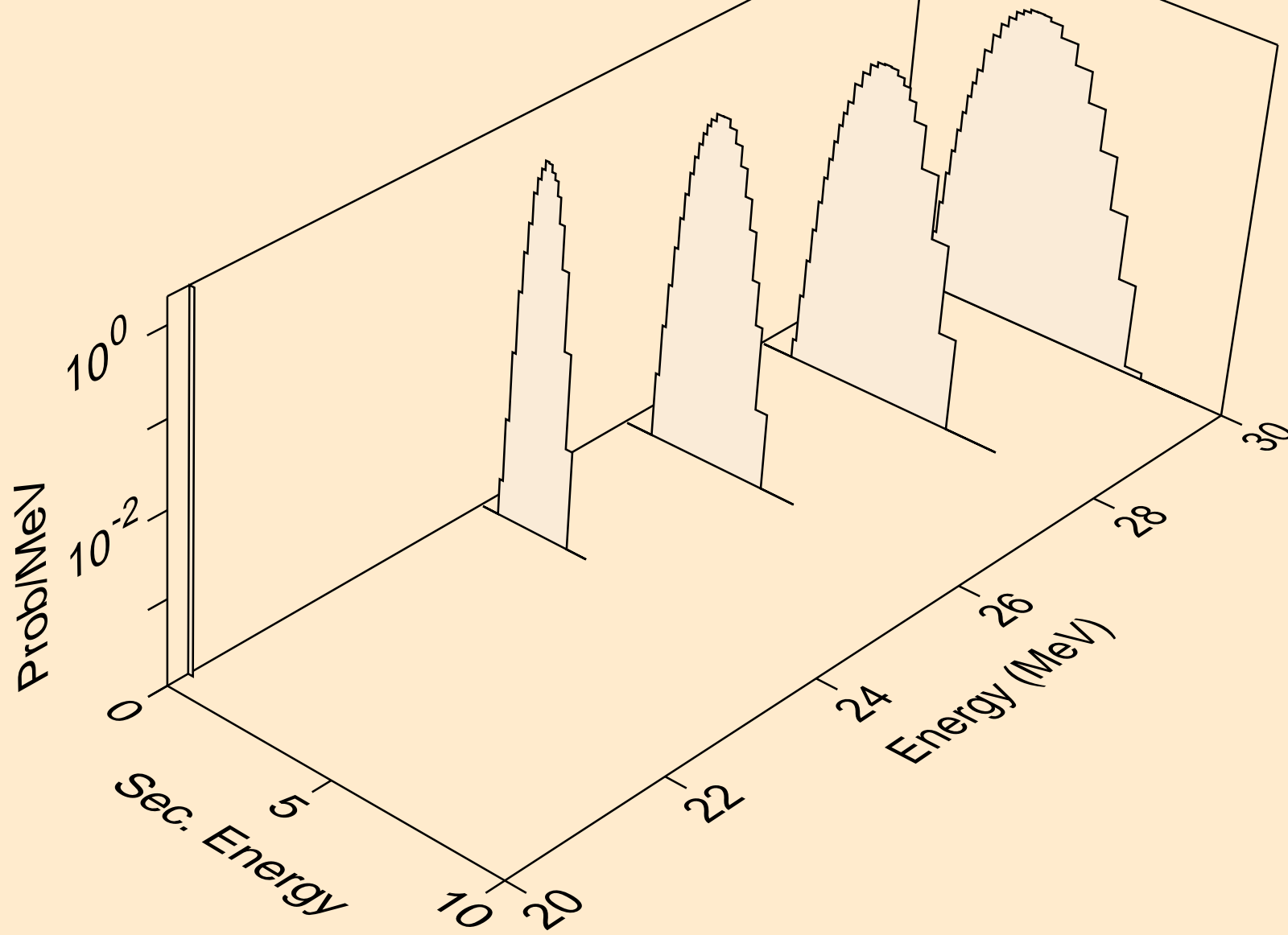
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protons from (n,2p)



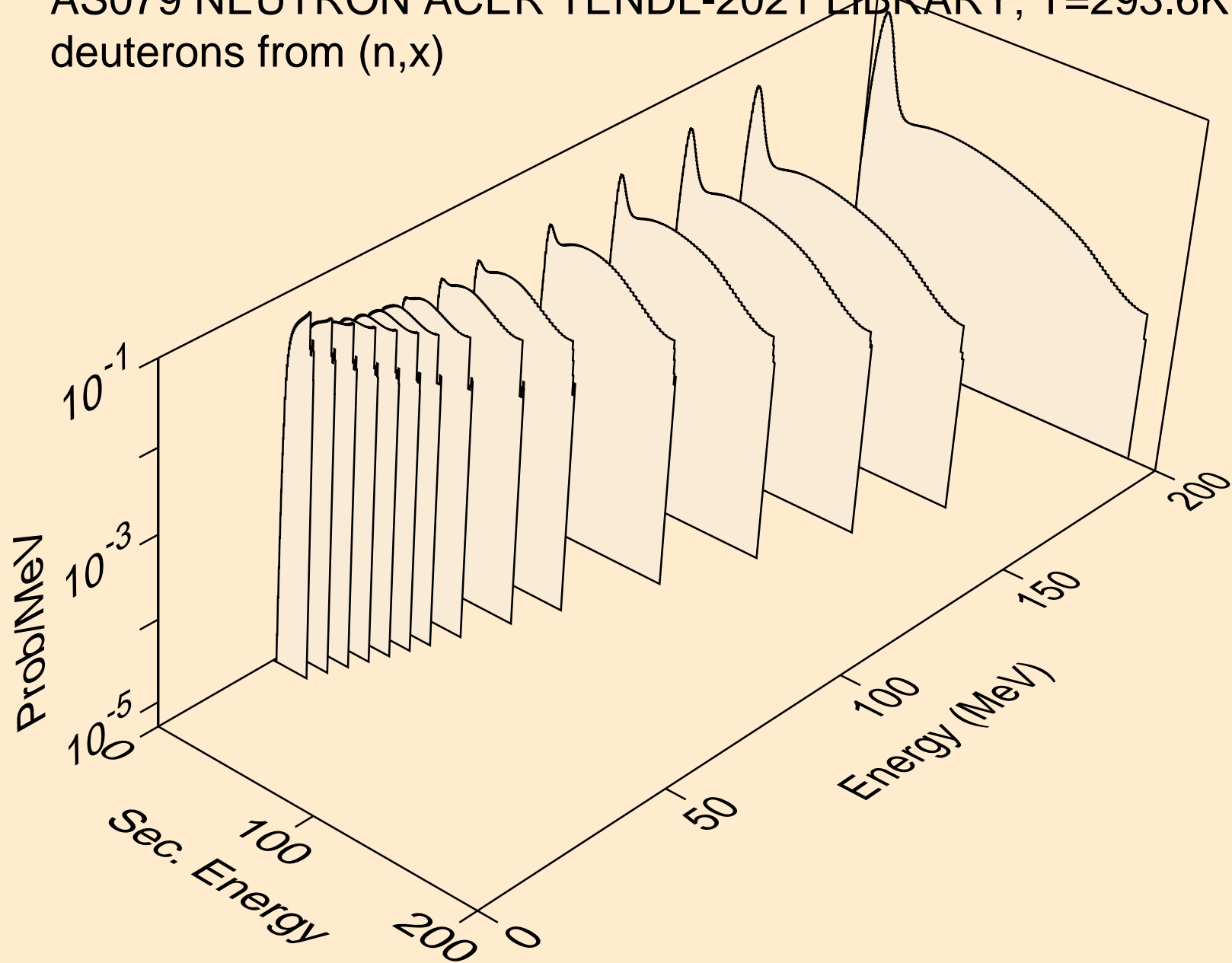
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protons from (n,p)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

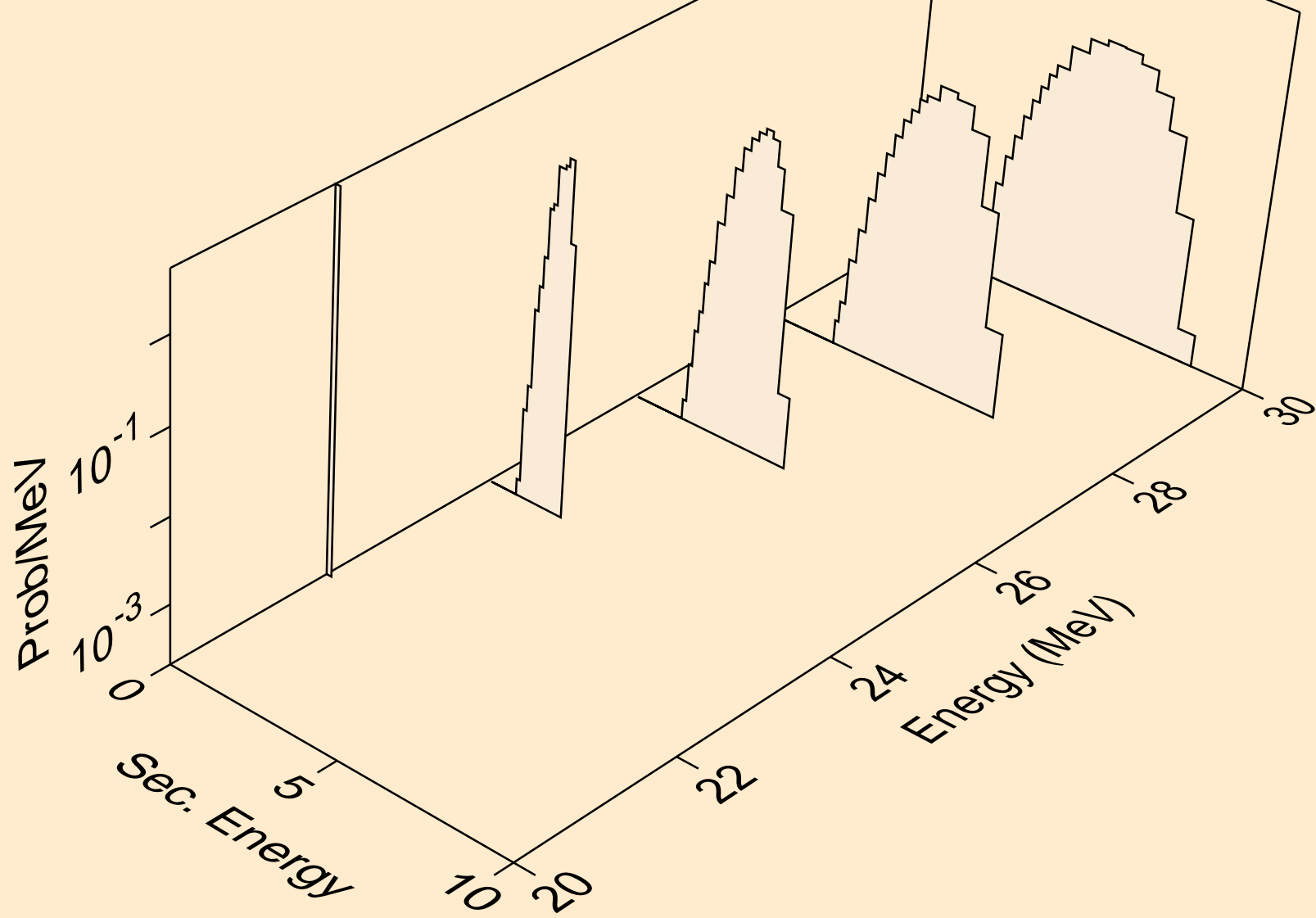


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deuterons from (n,x)

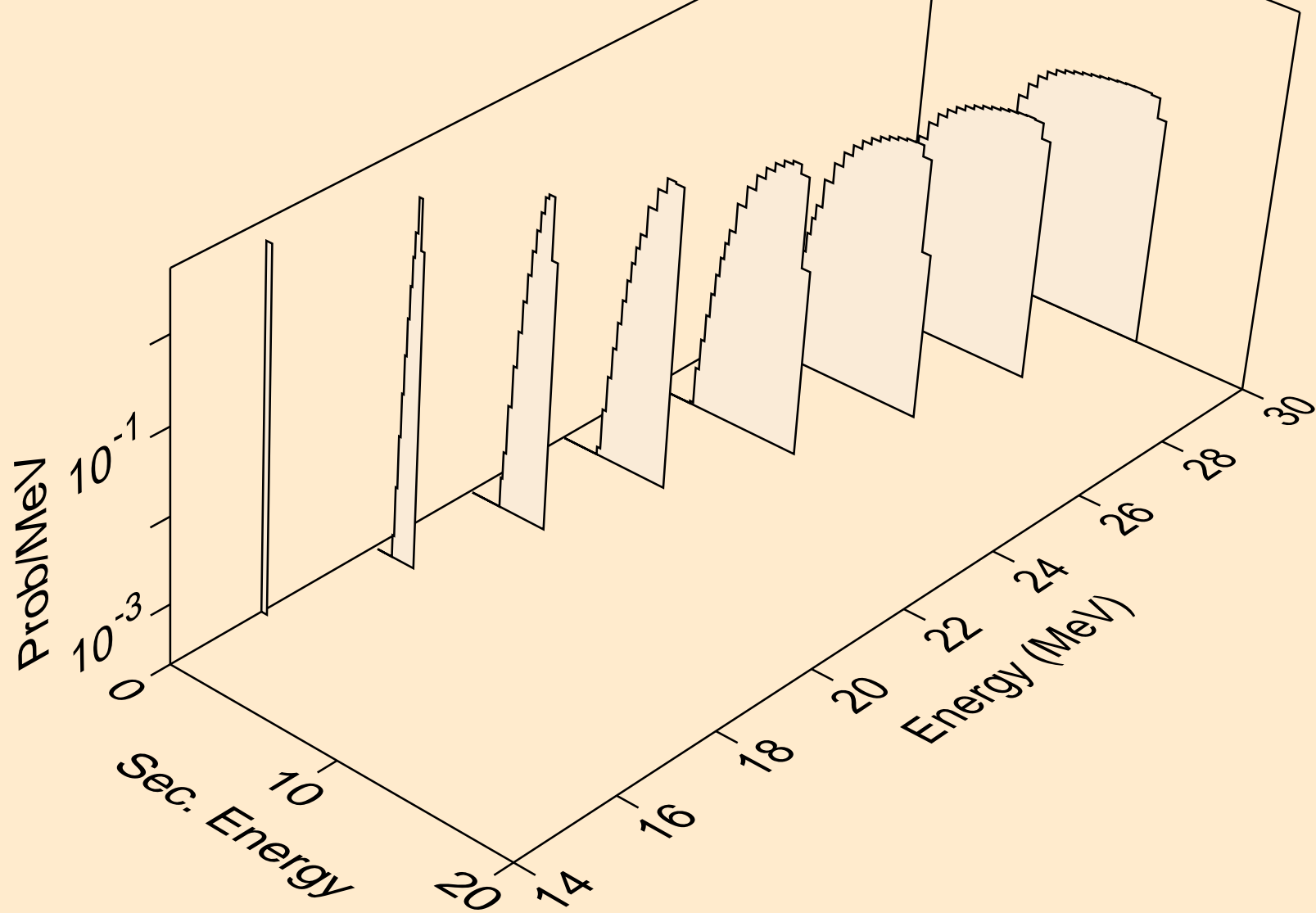




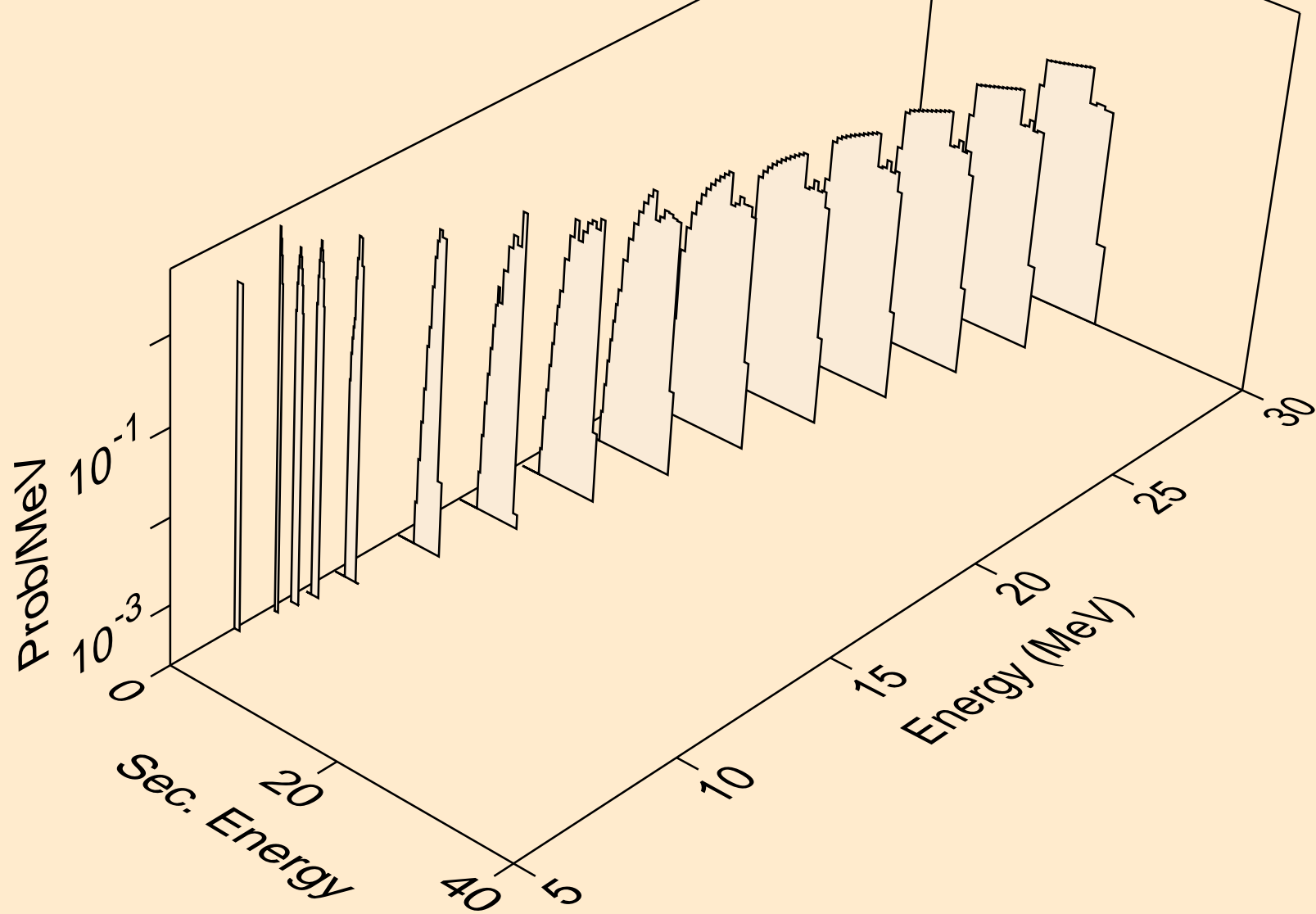
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deuterons from (n,2nd)



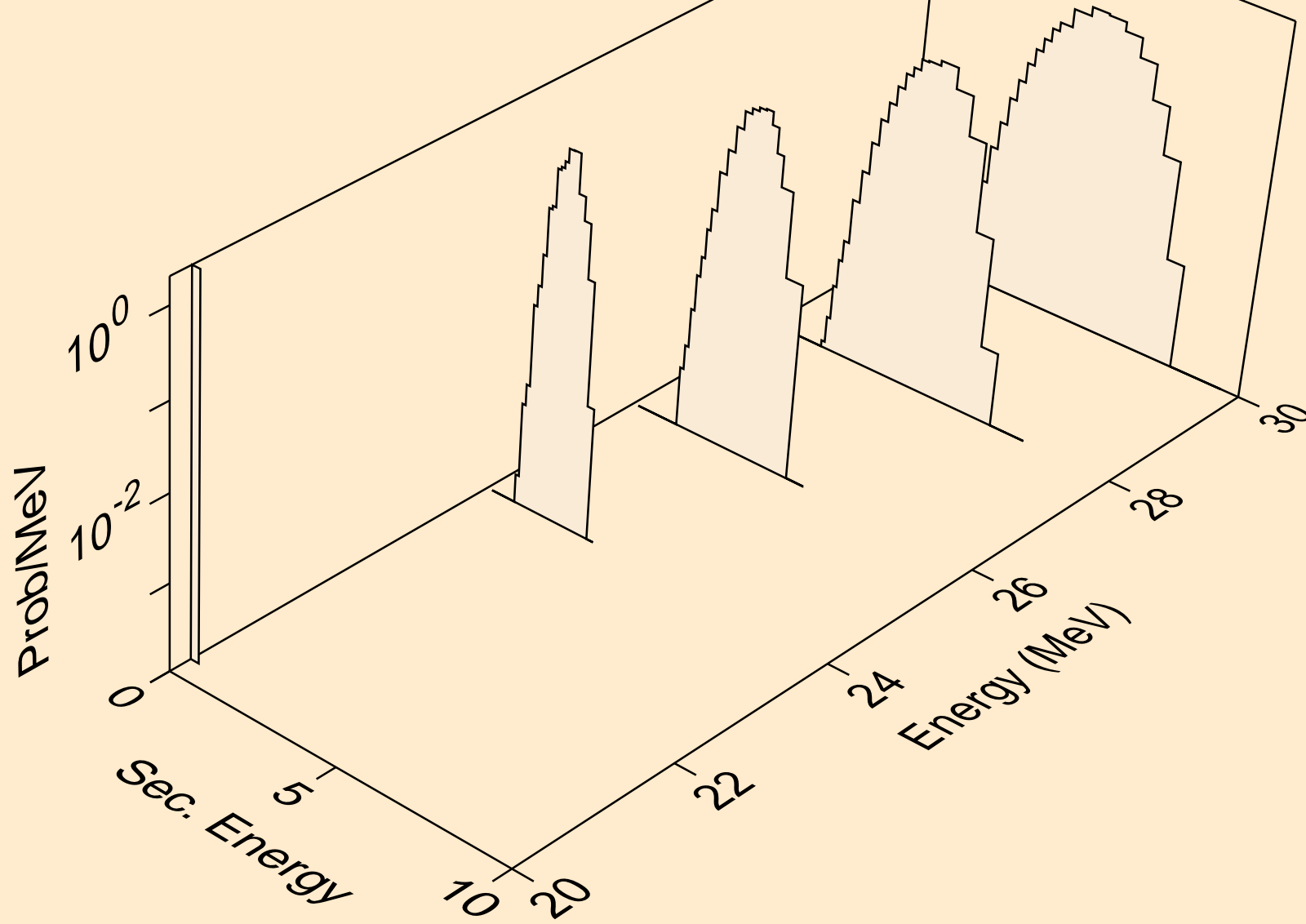
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deuterons from (n,n\*)d



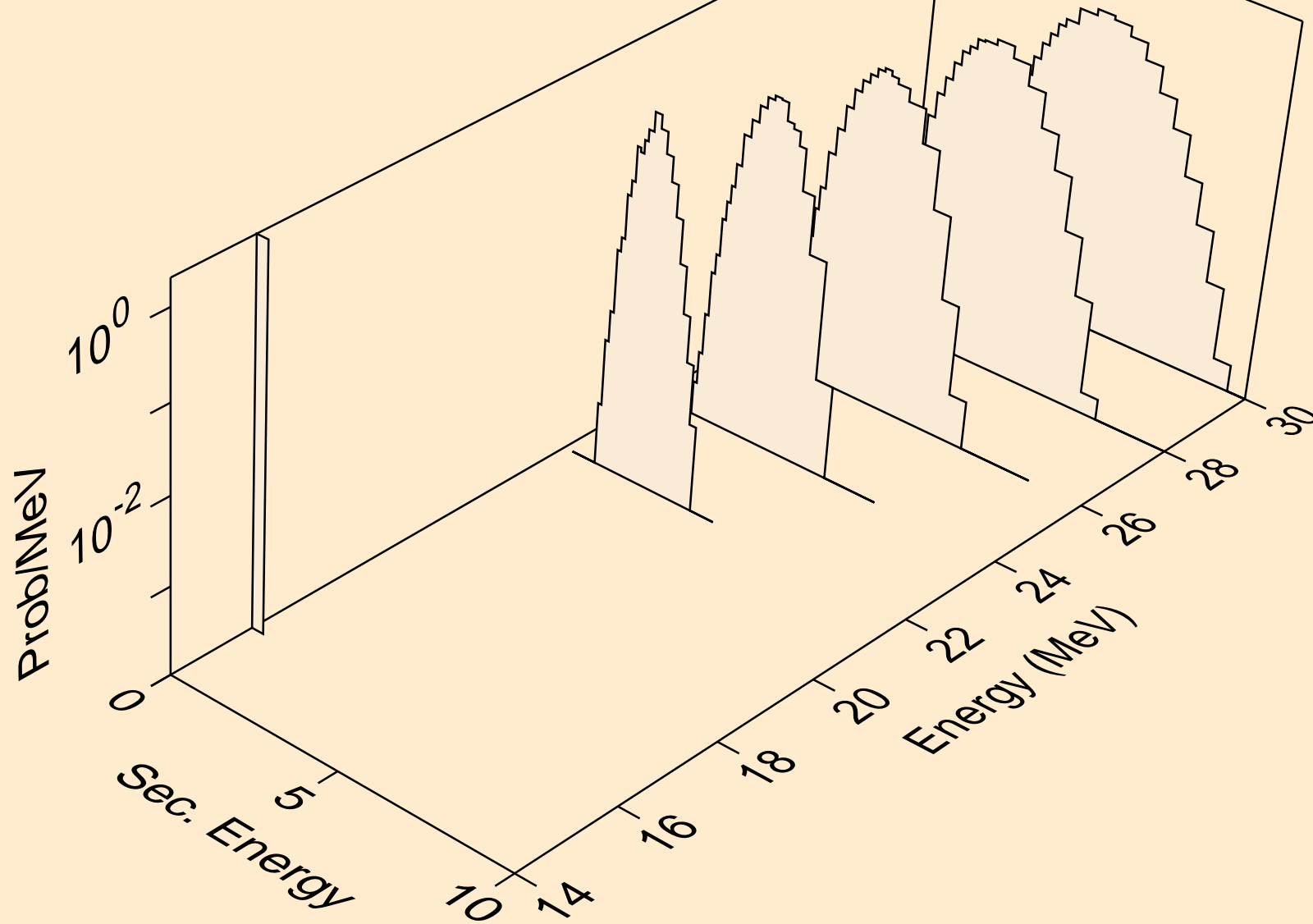
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deuterons from (n,d)



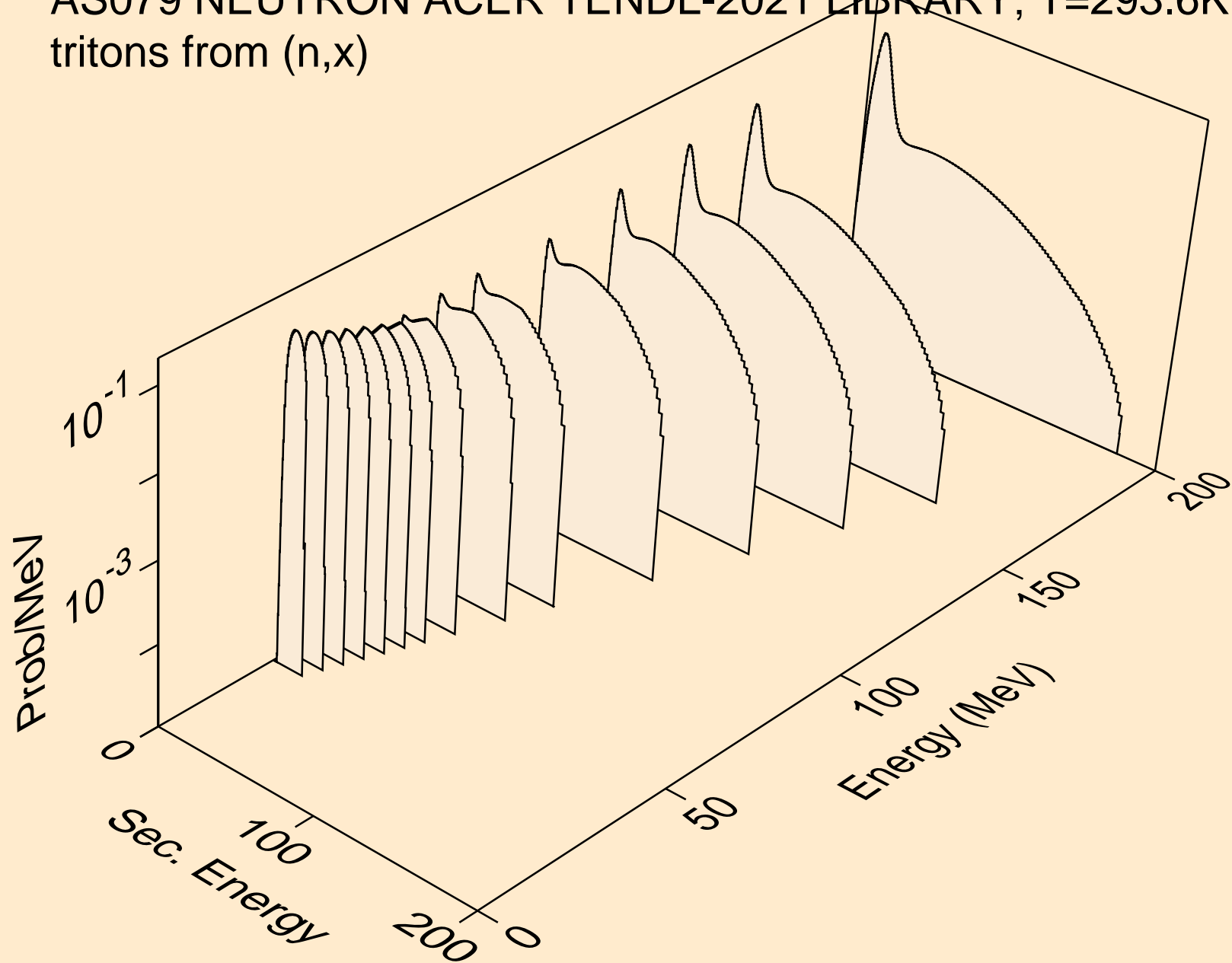
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deuterons from (n,pd)



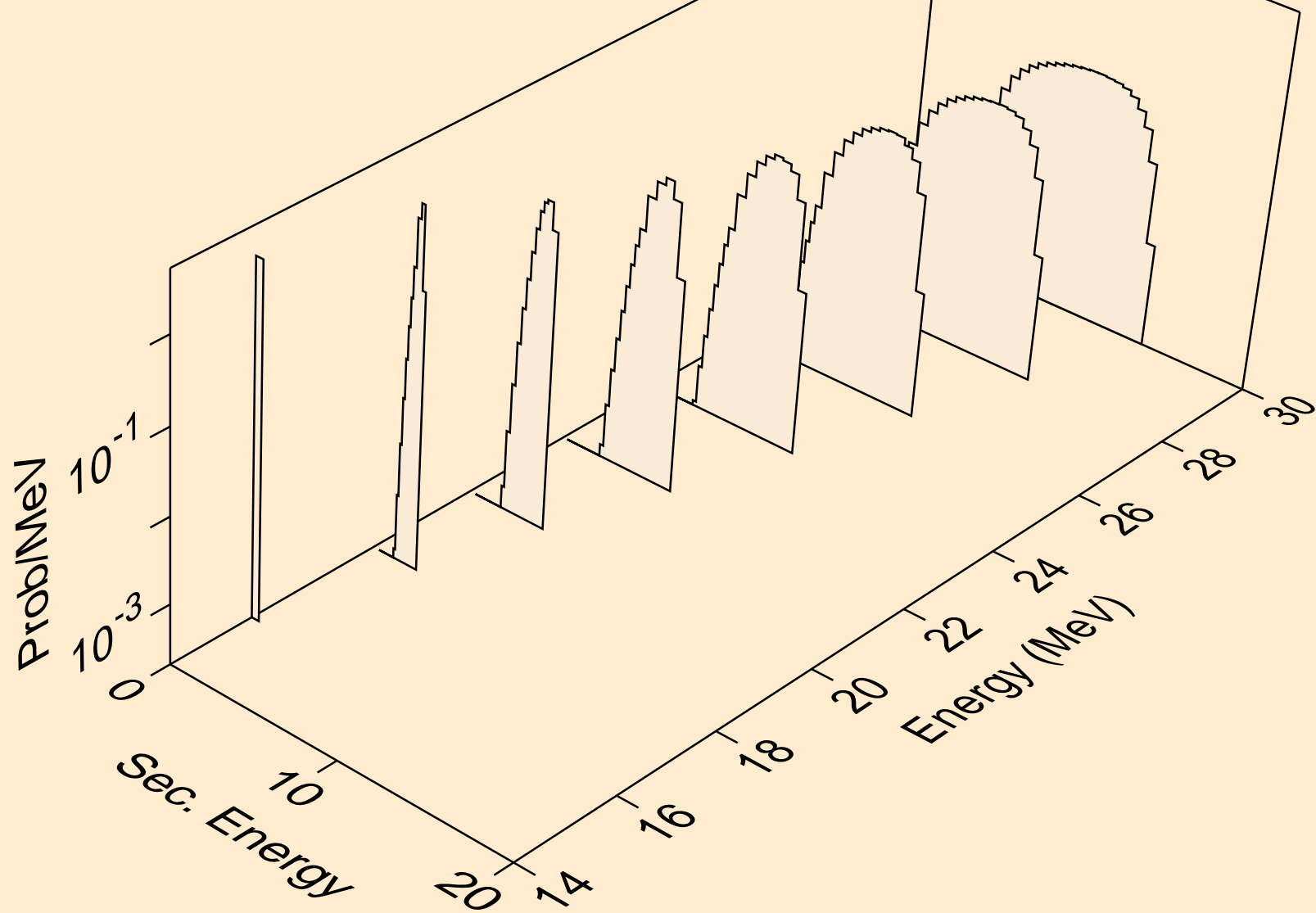
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deuterons from (n,da)



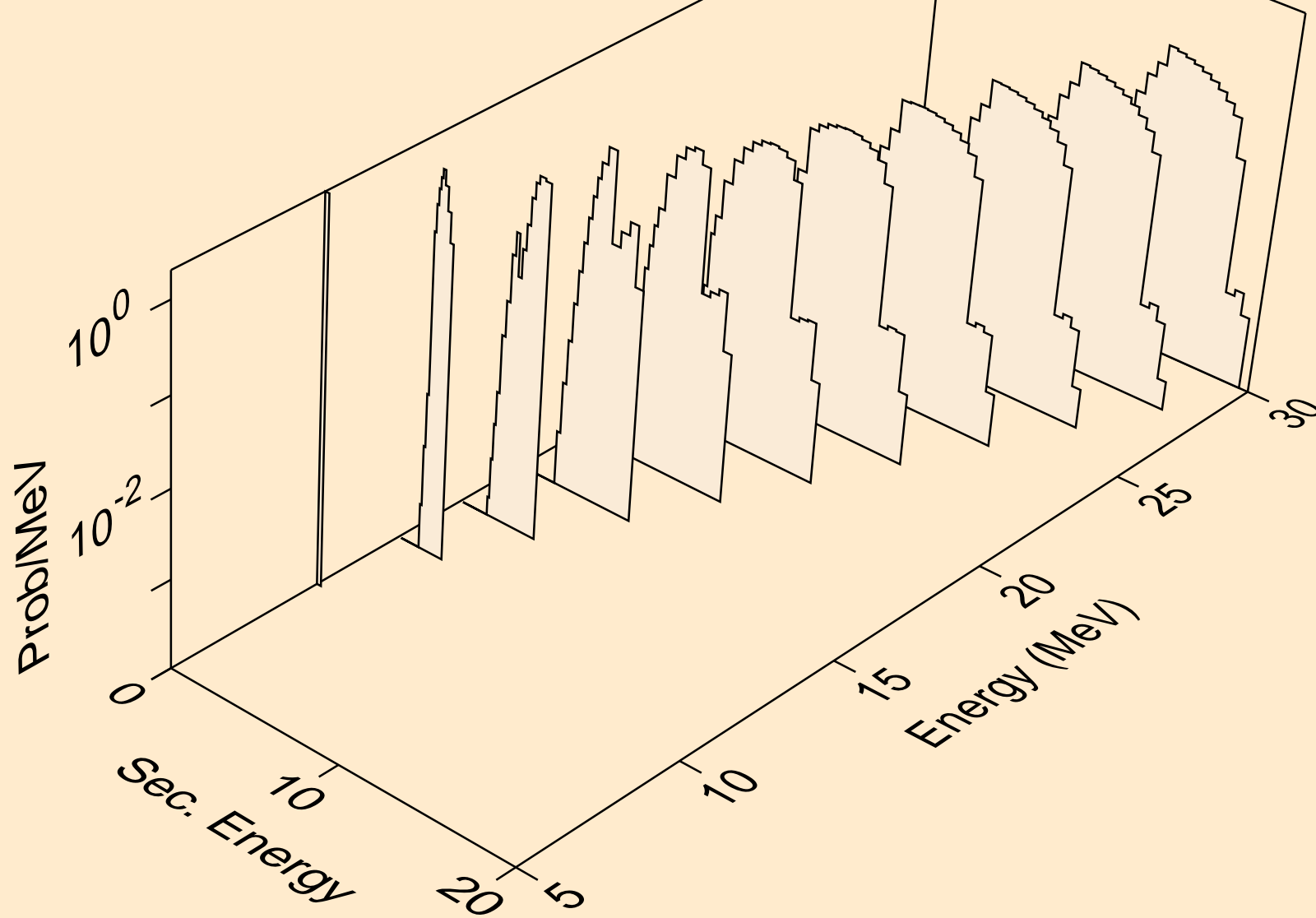
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tritons from (n,x)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

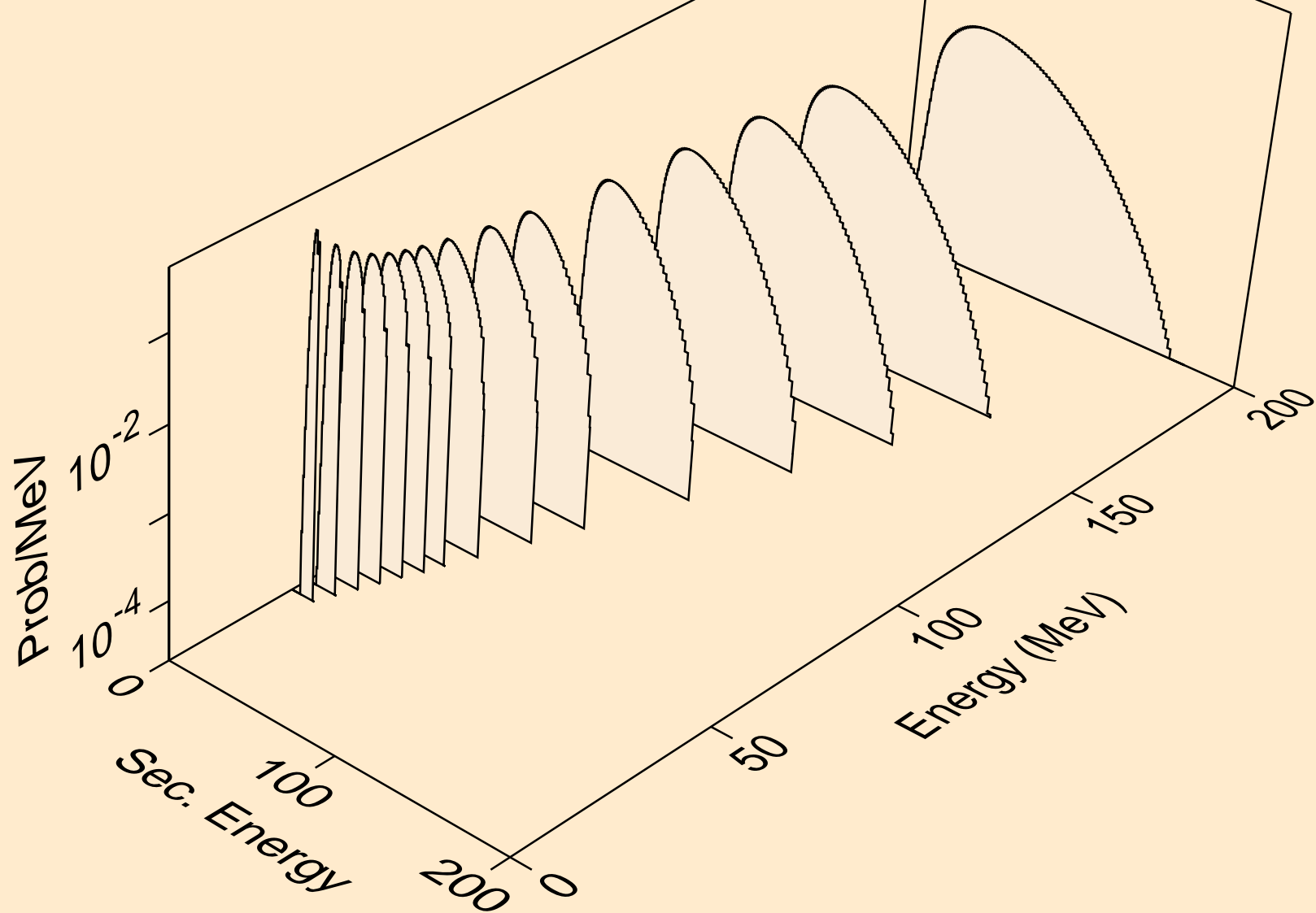


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tritons from (n,t)

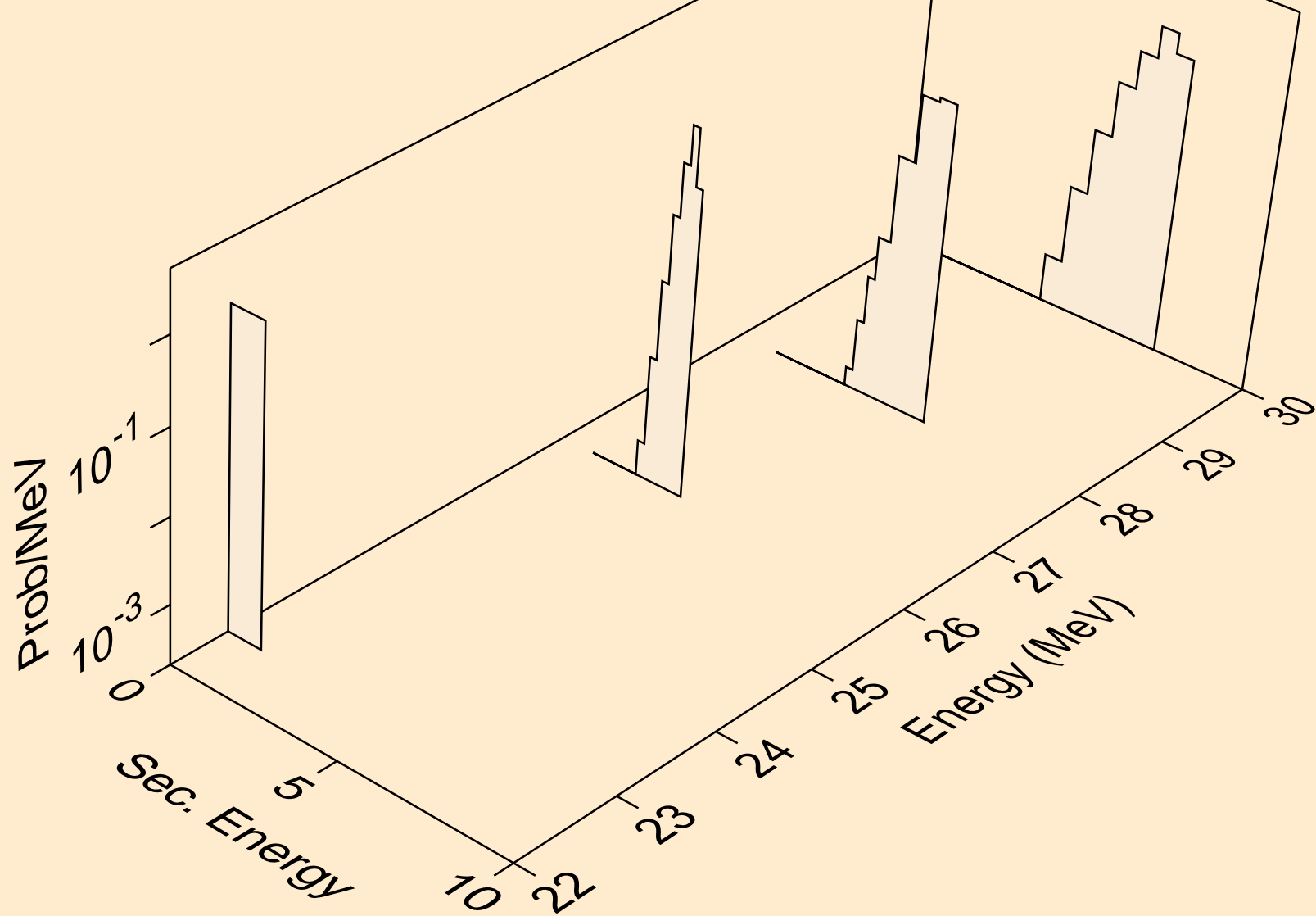




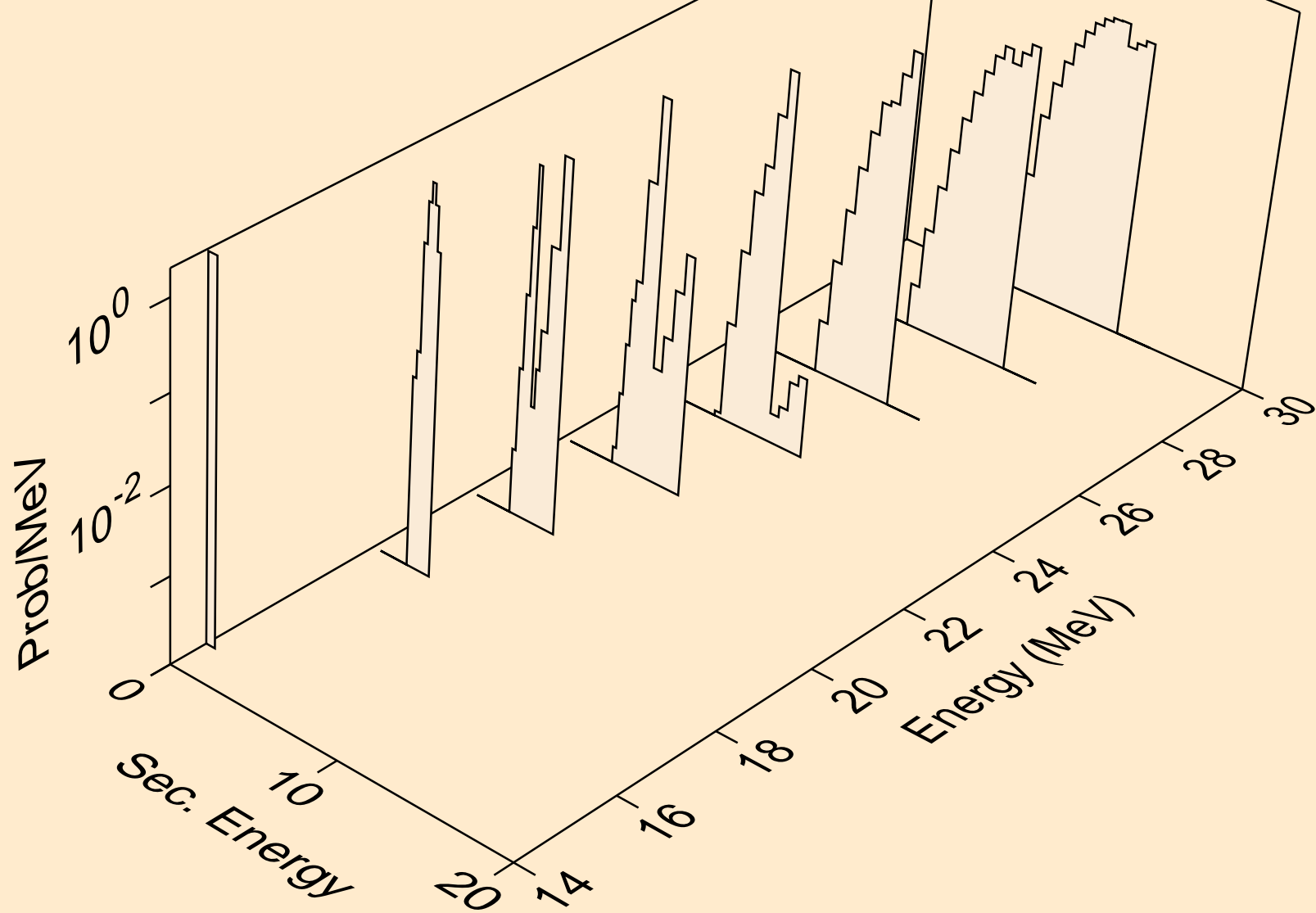
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he3s from (n,x)



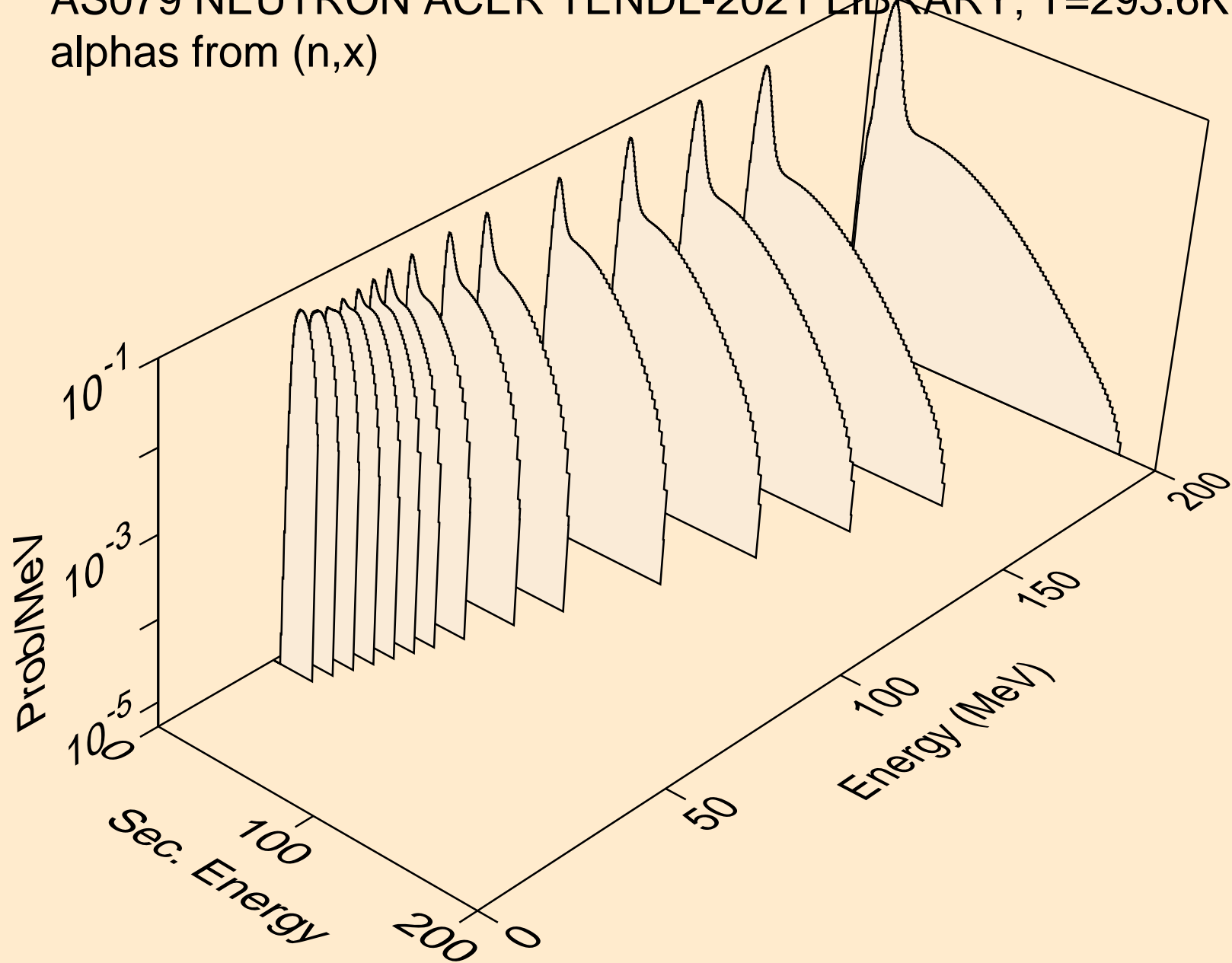
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he3s from (n,n\*)he3



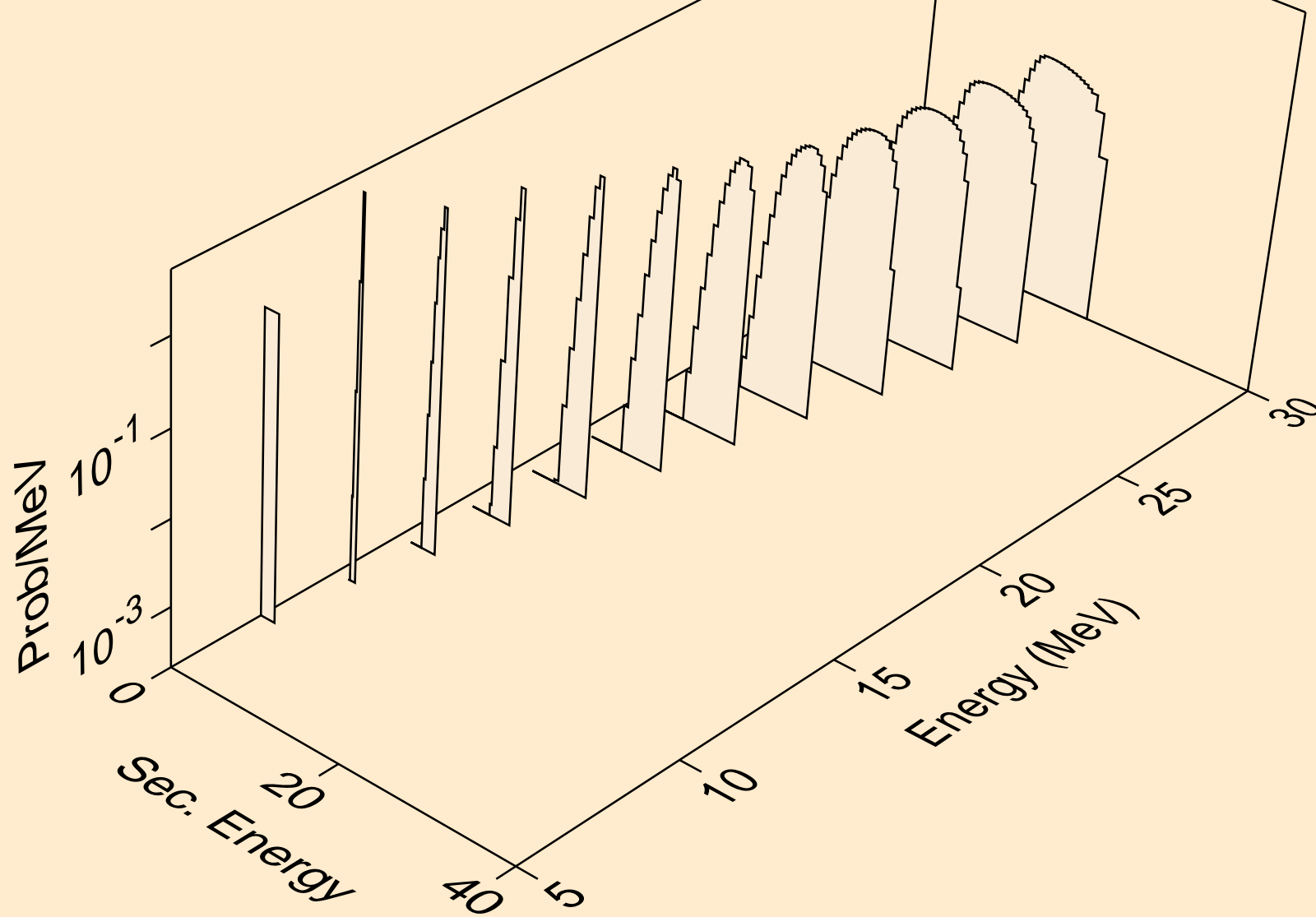
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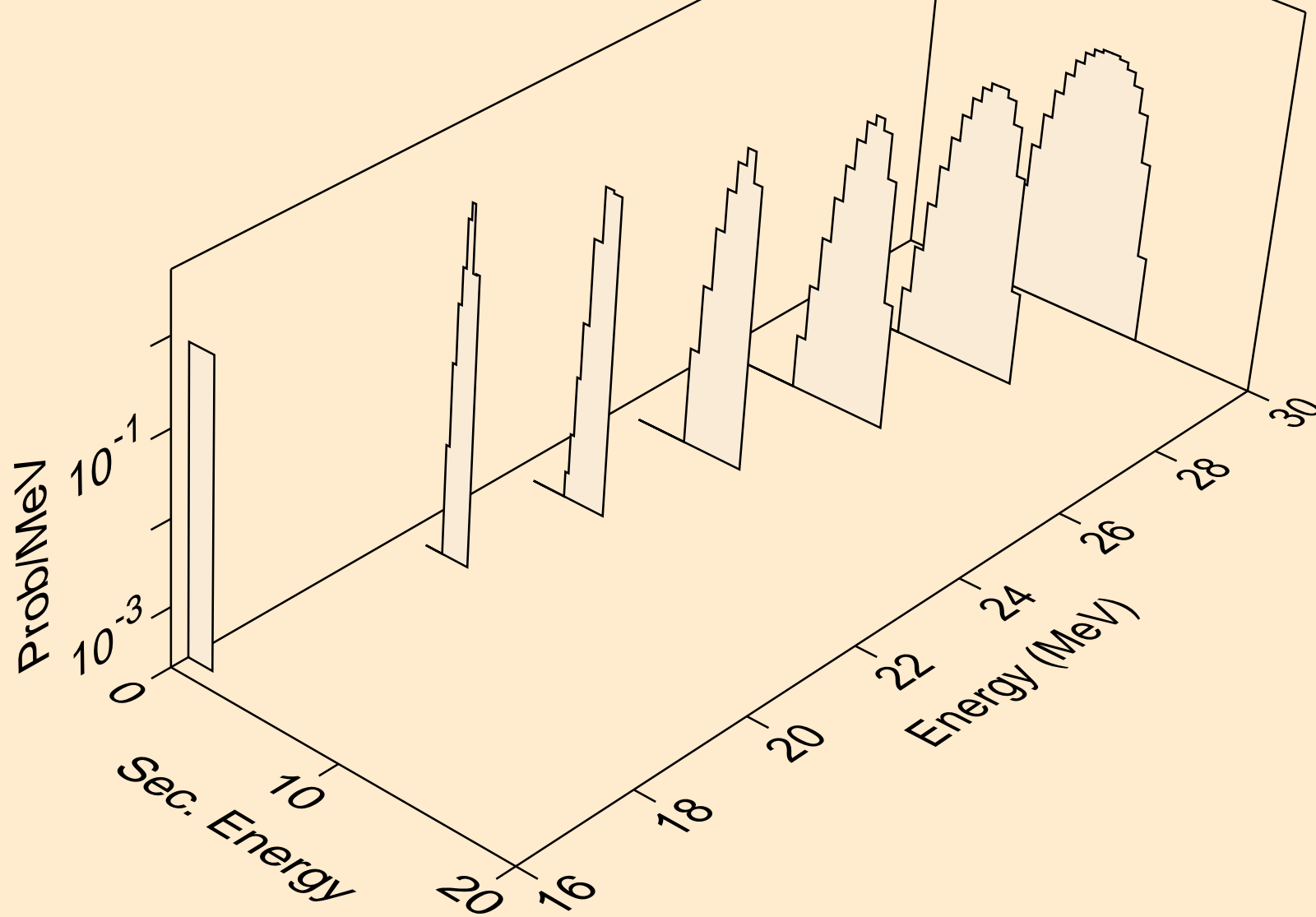
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alphas from (n,x)



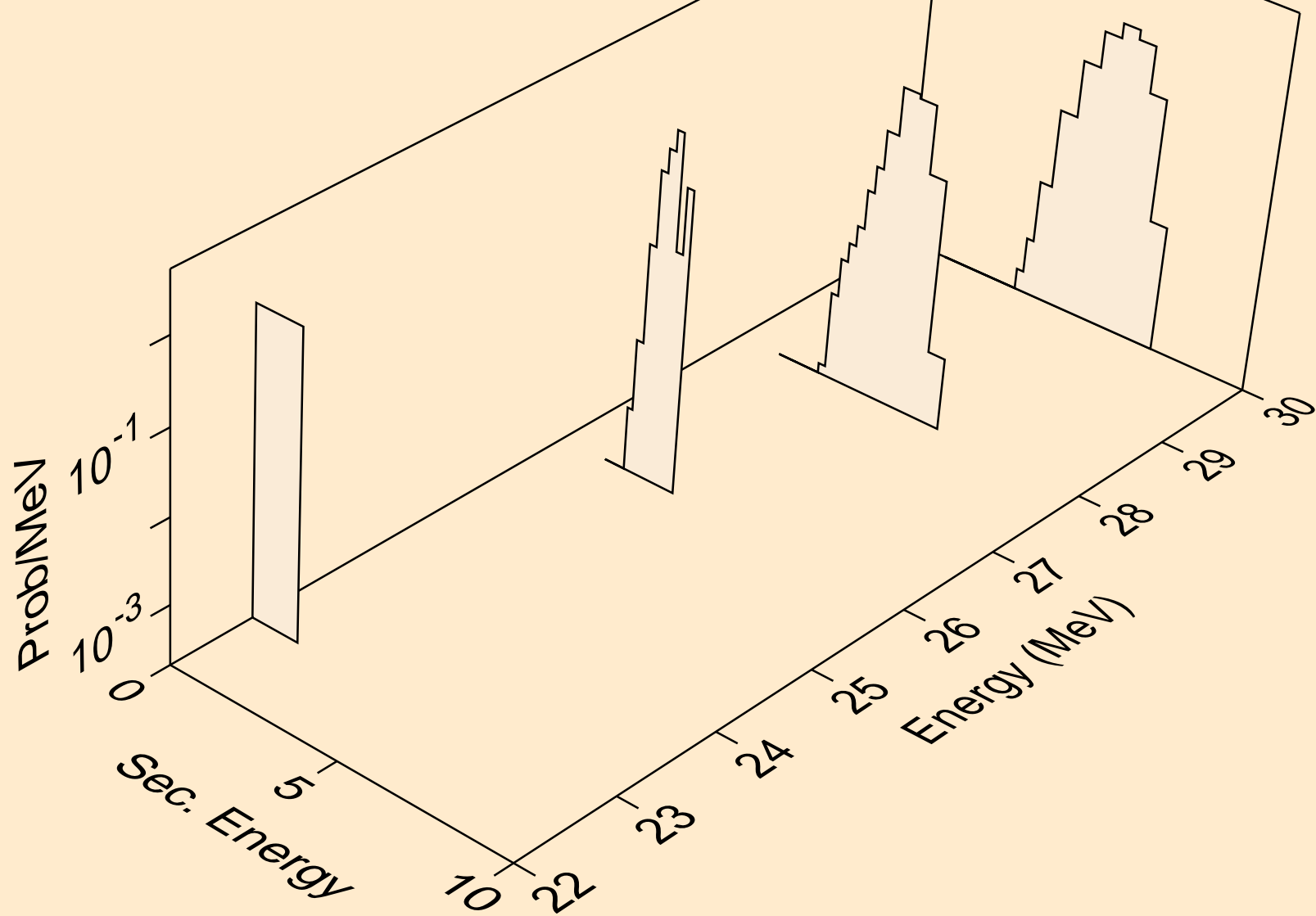
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



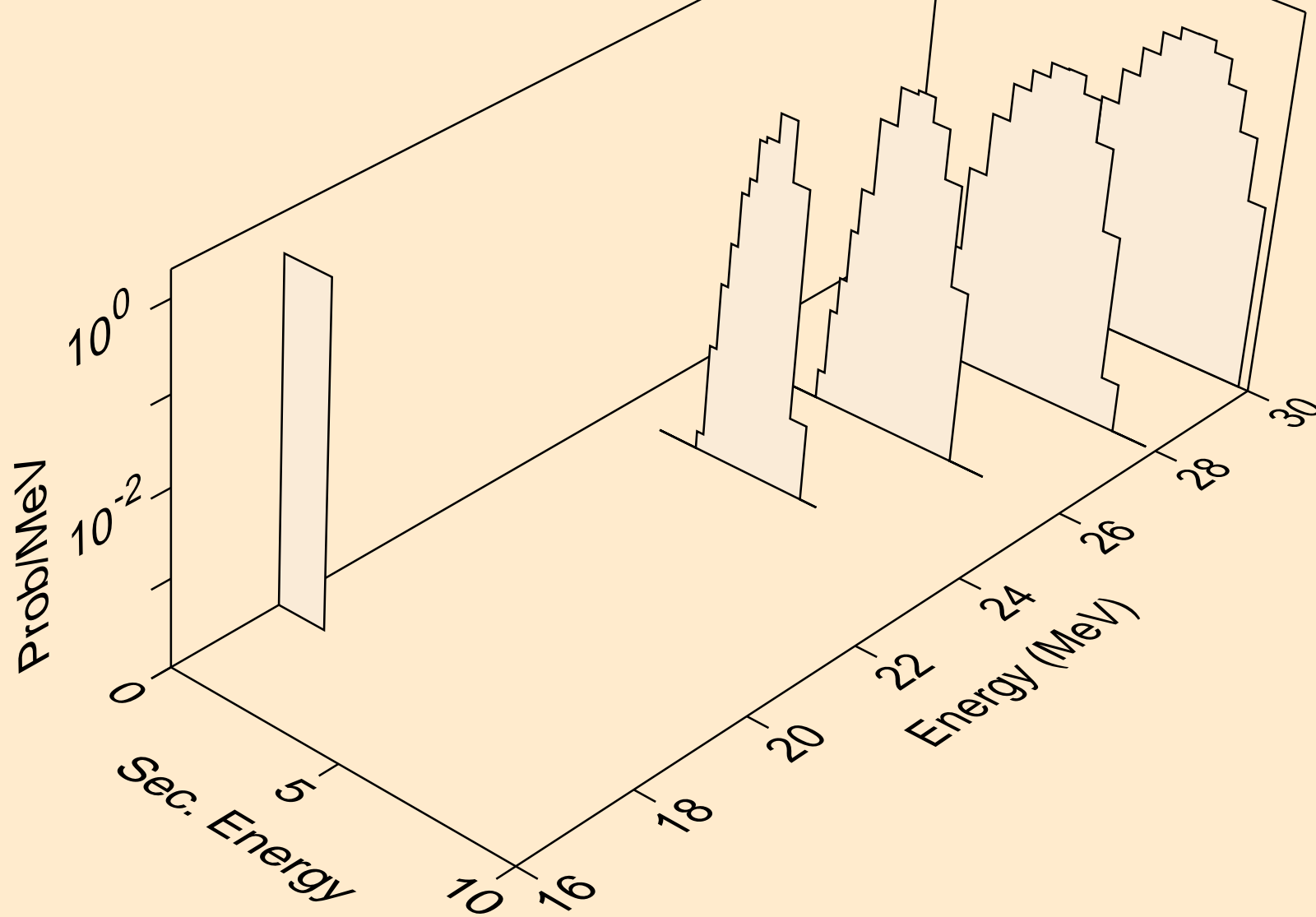
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a

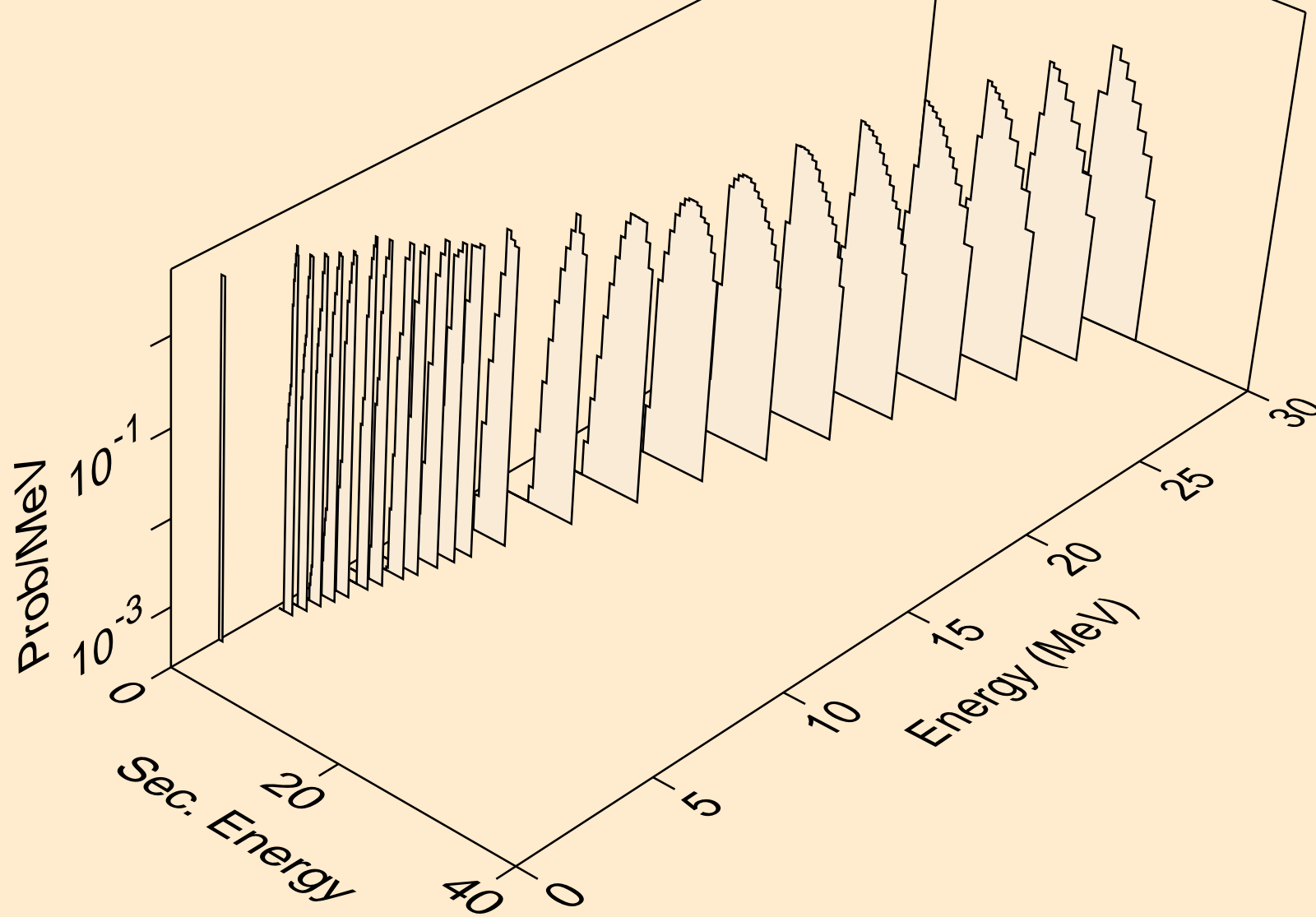


AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

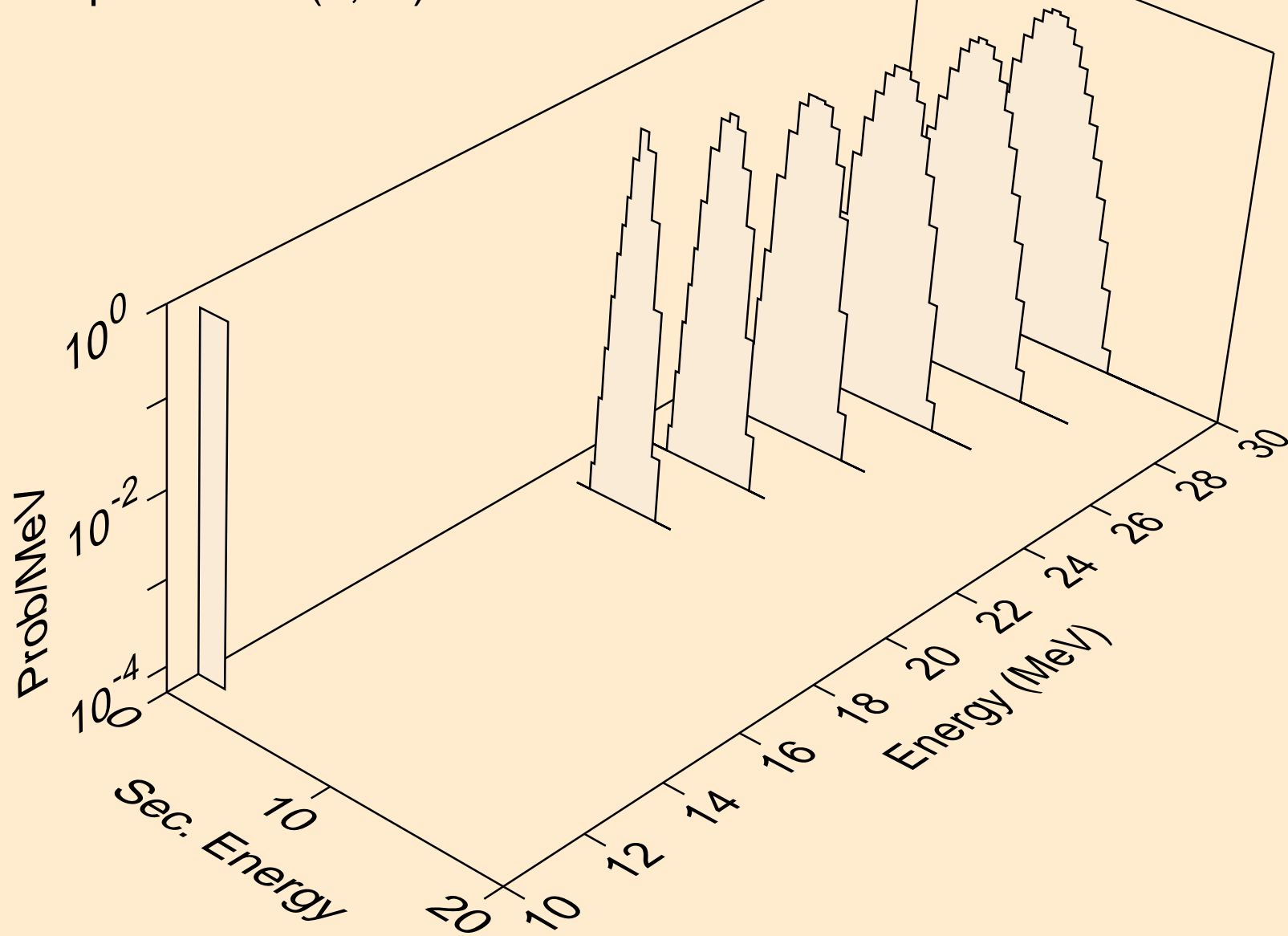




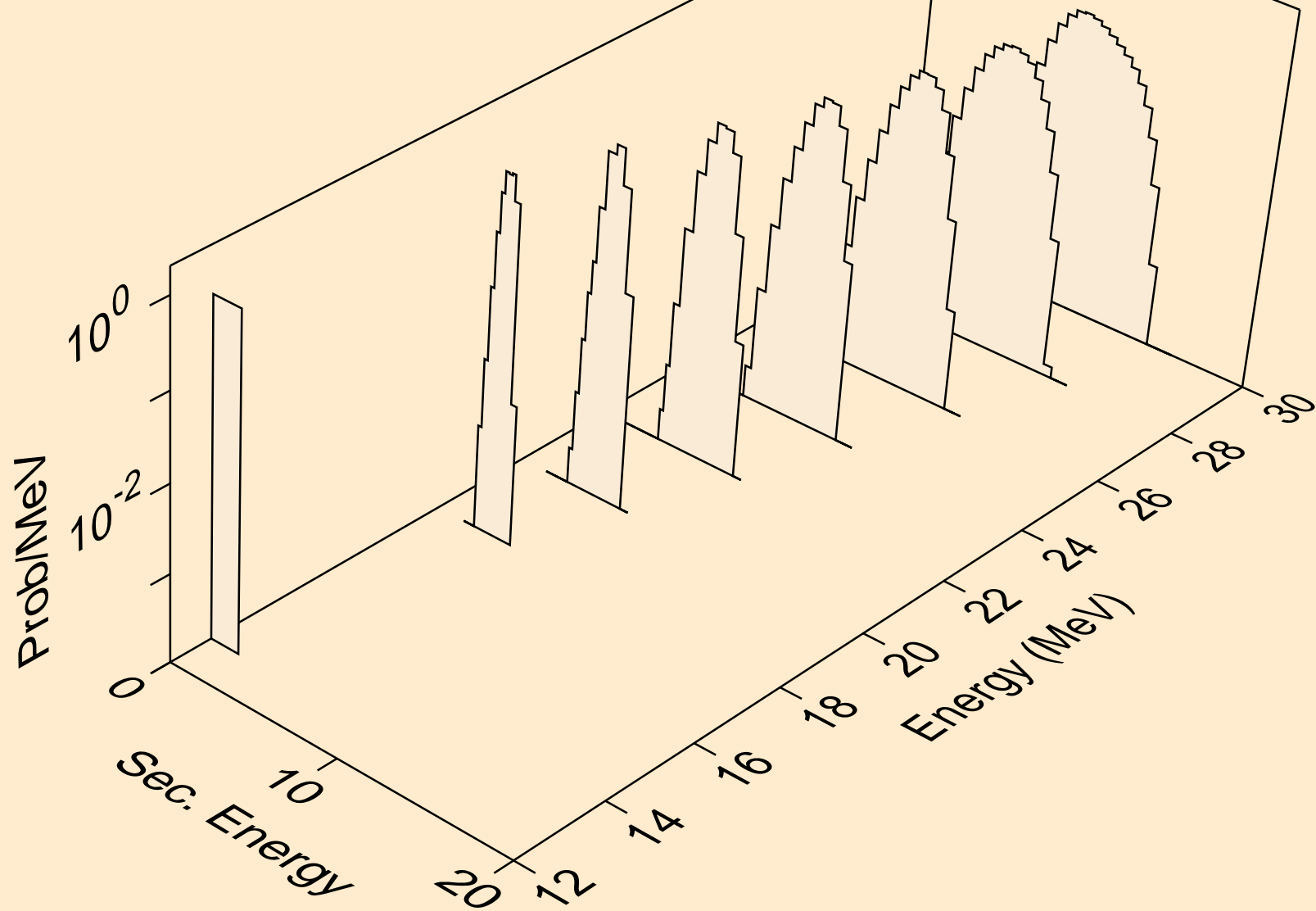
AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



AS079 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

