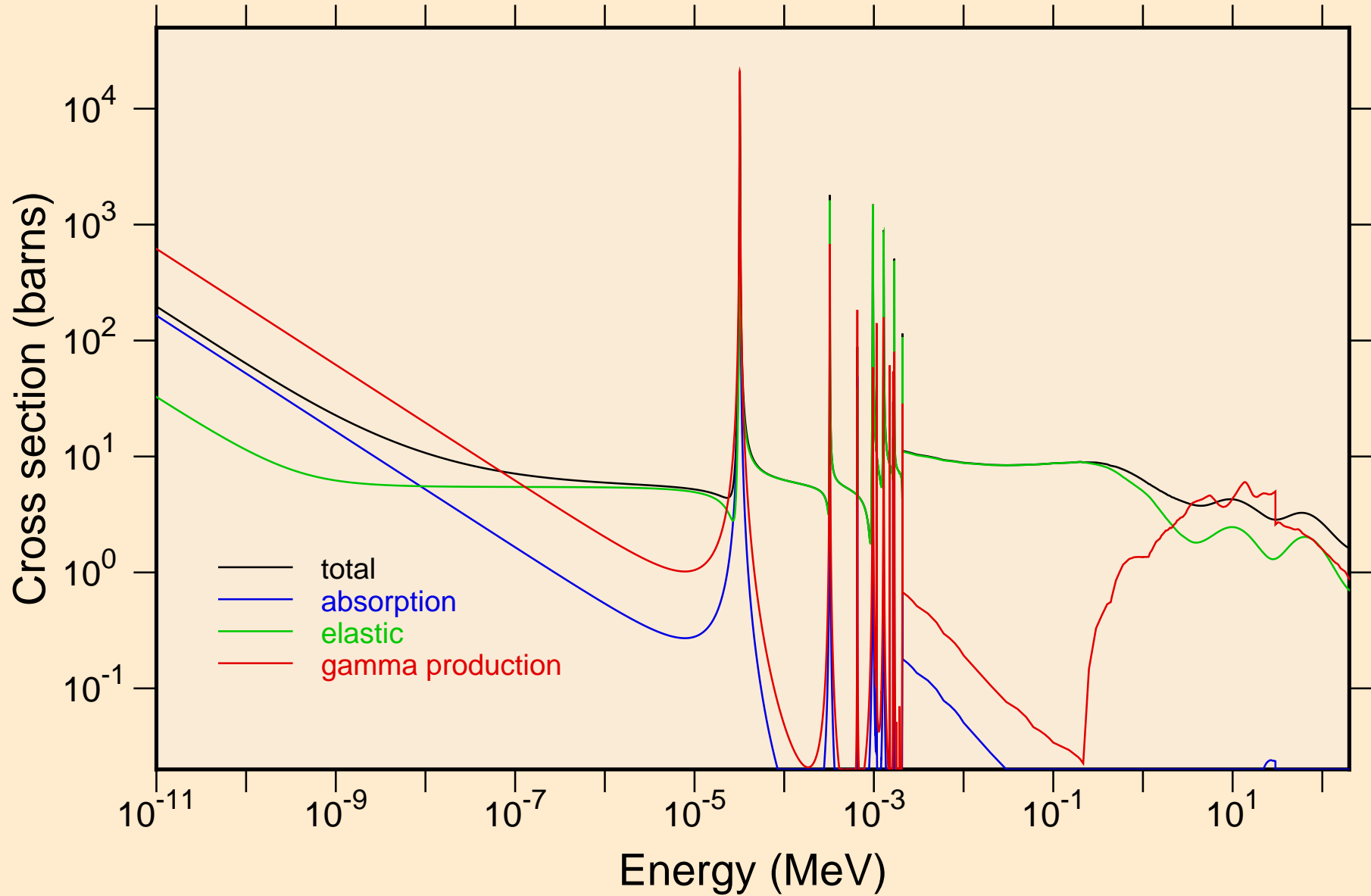
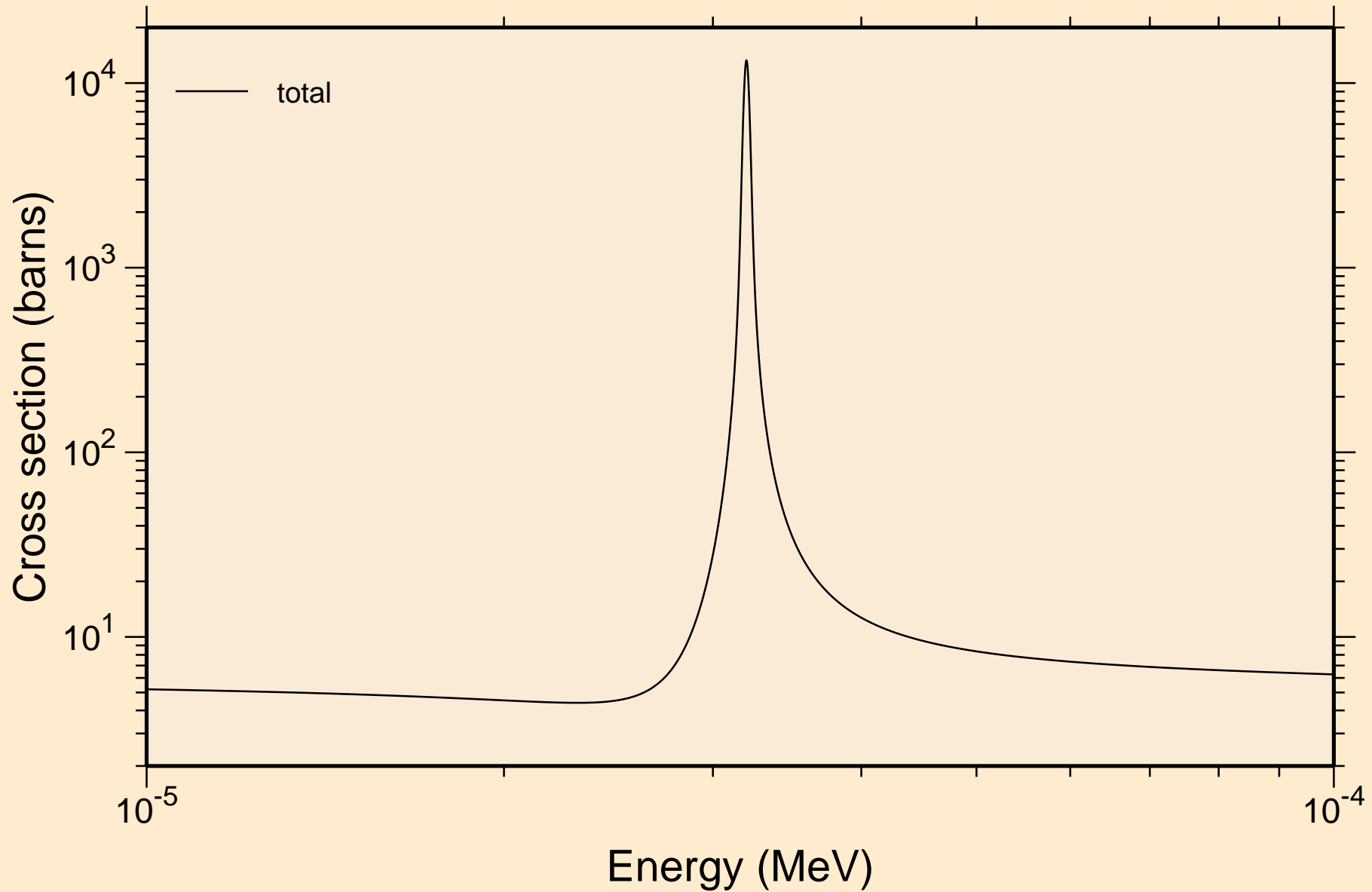


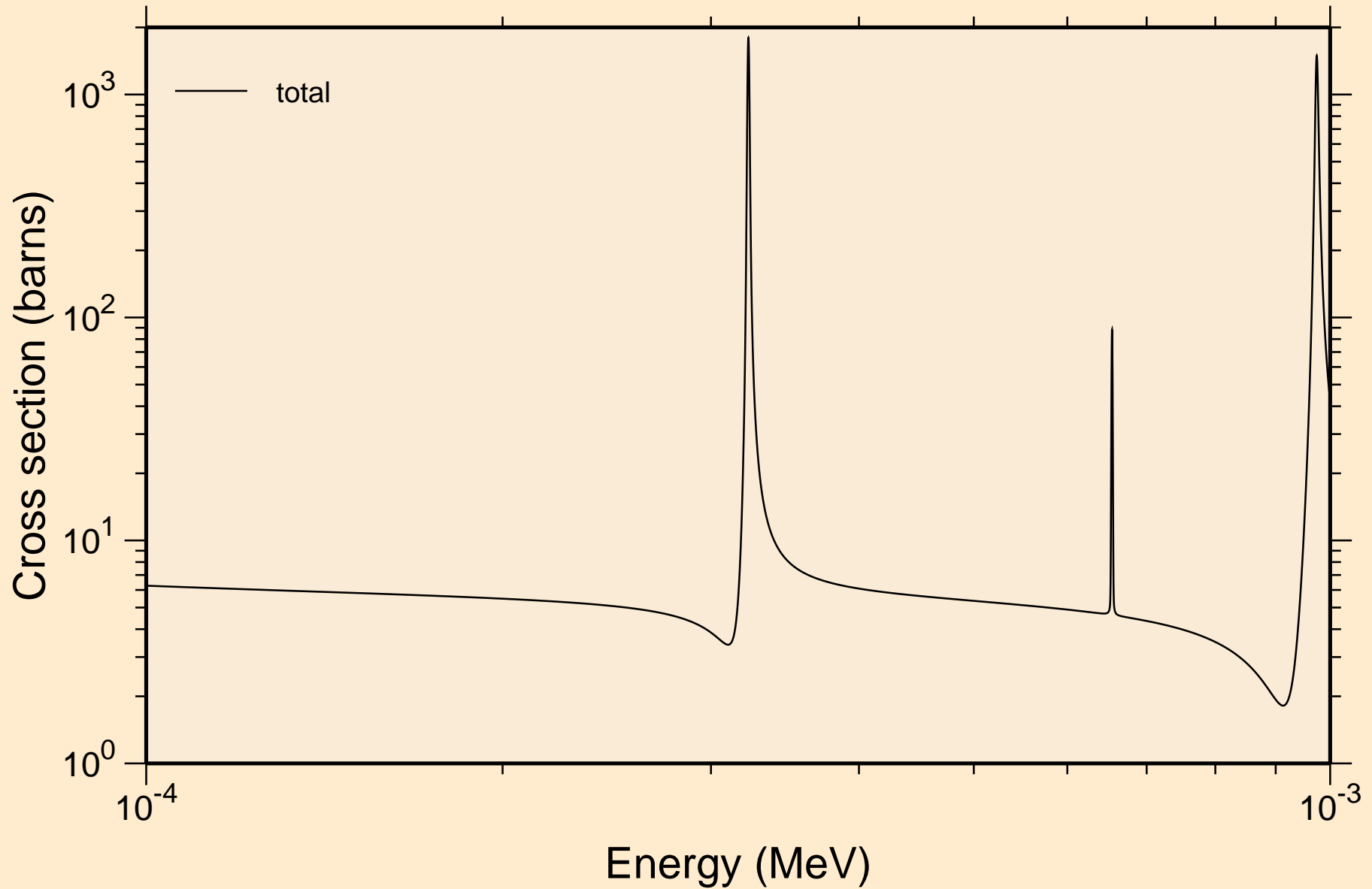
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



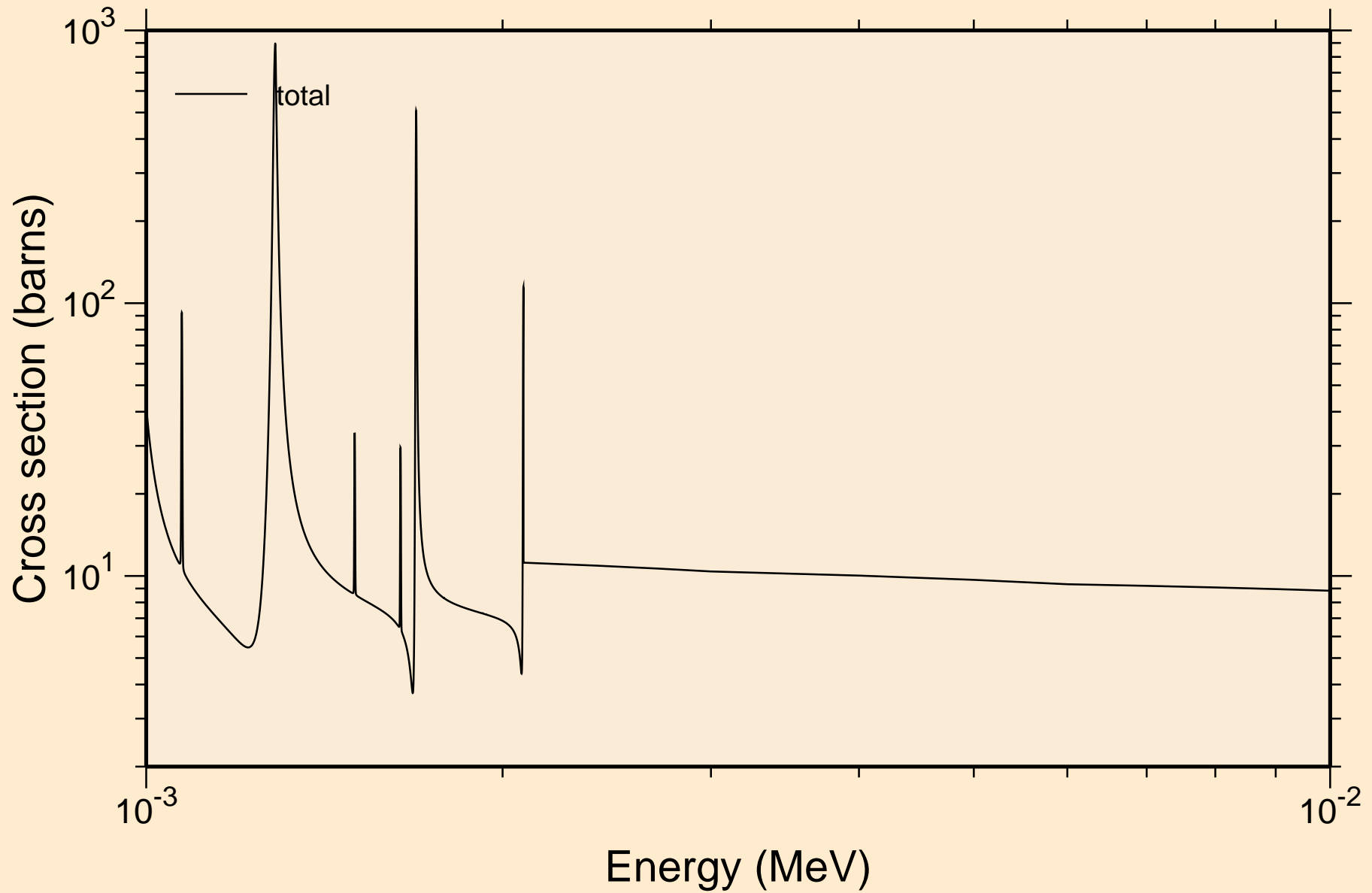
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resonance total cross section



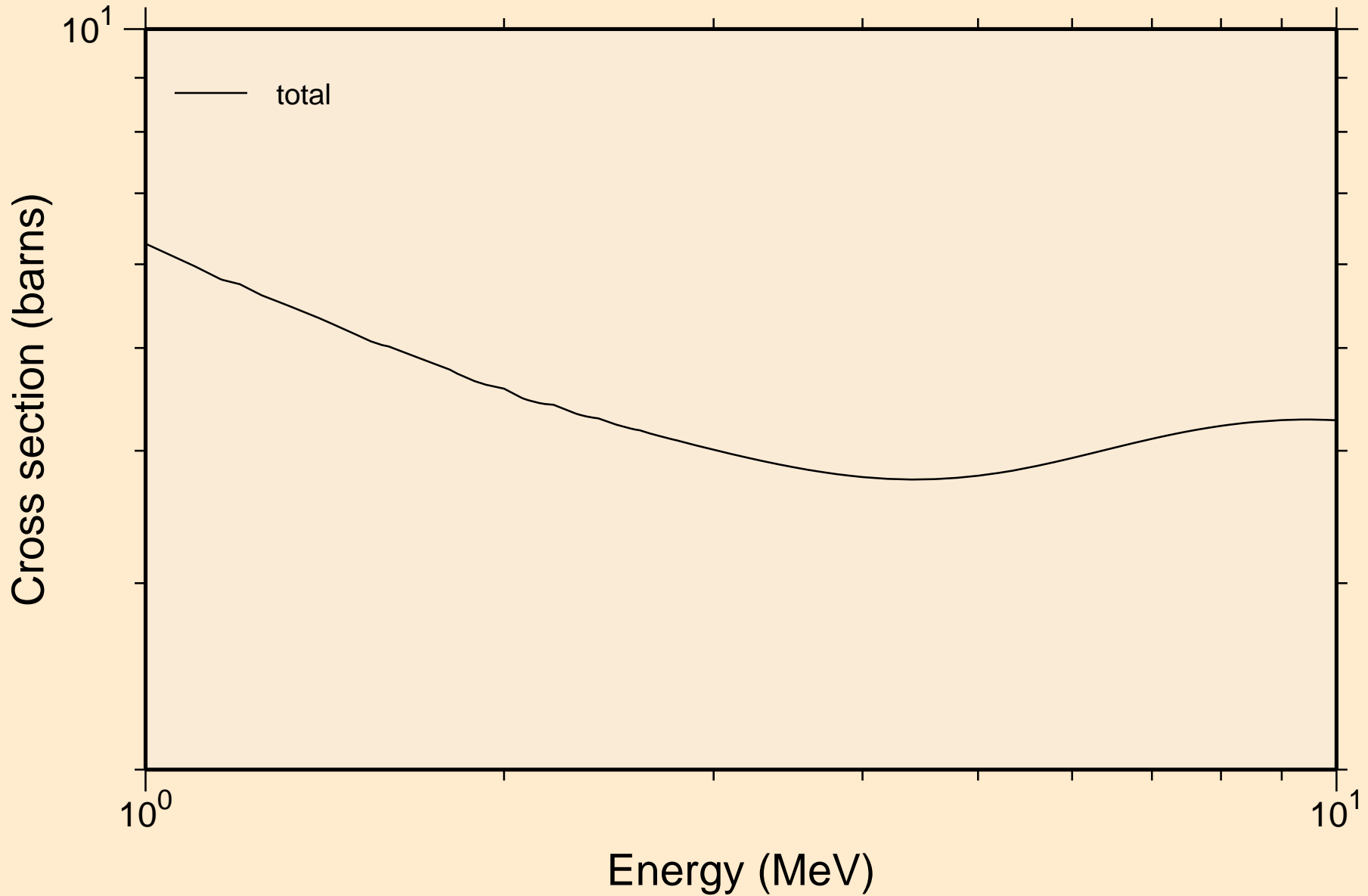
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resonance total cross section



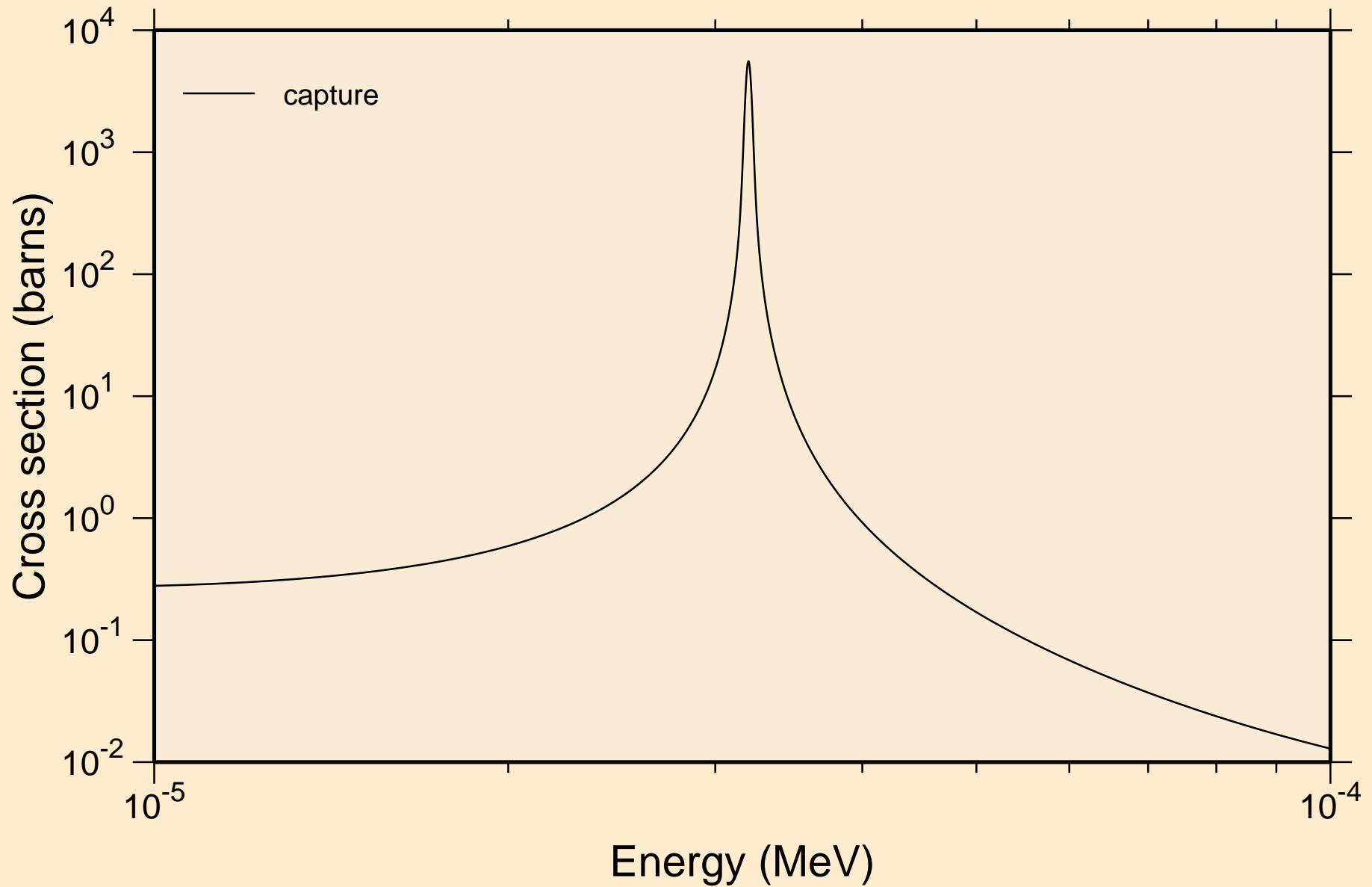
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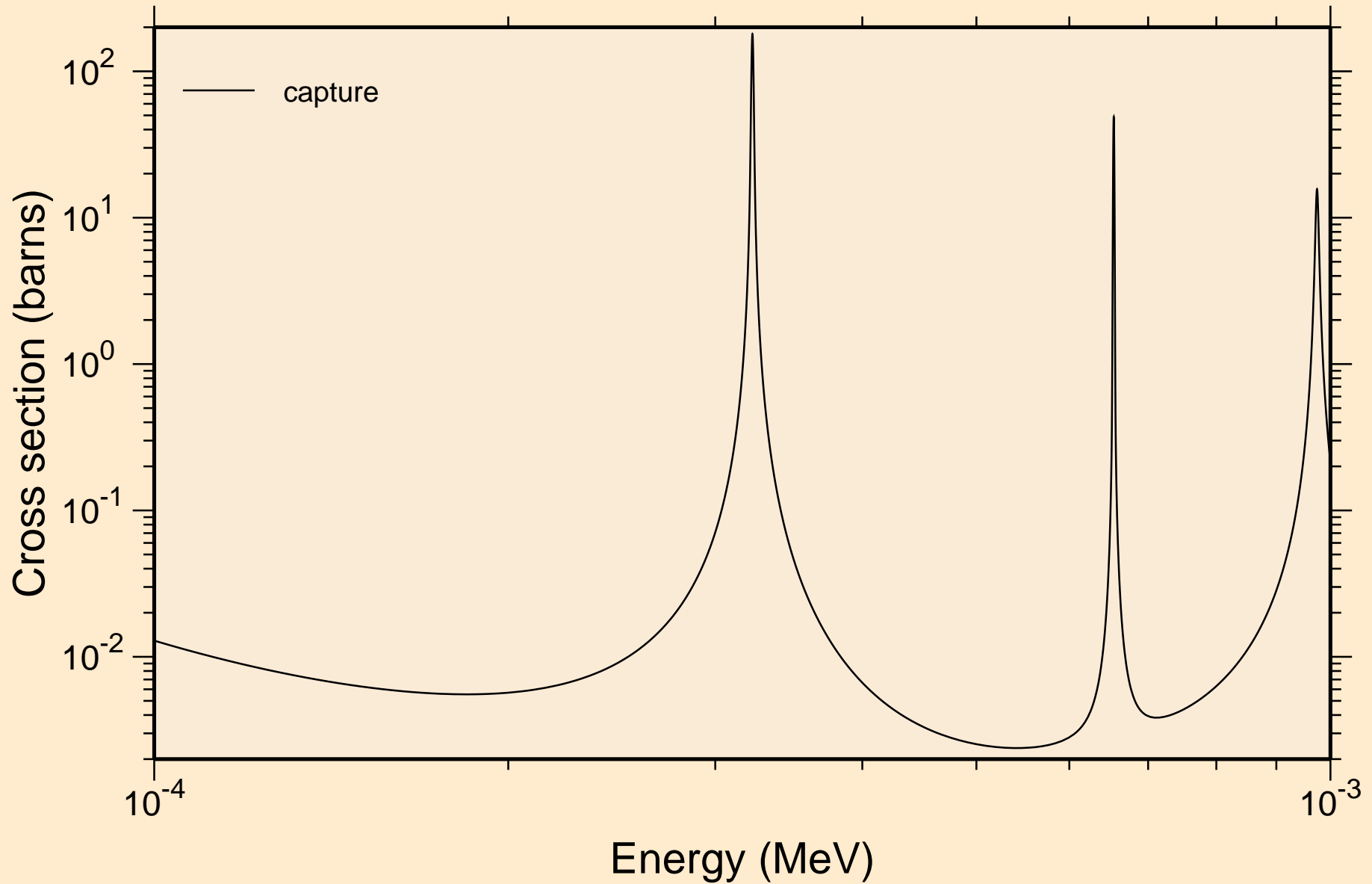
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resonance total cross section



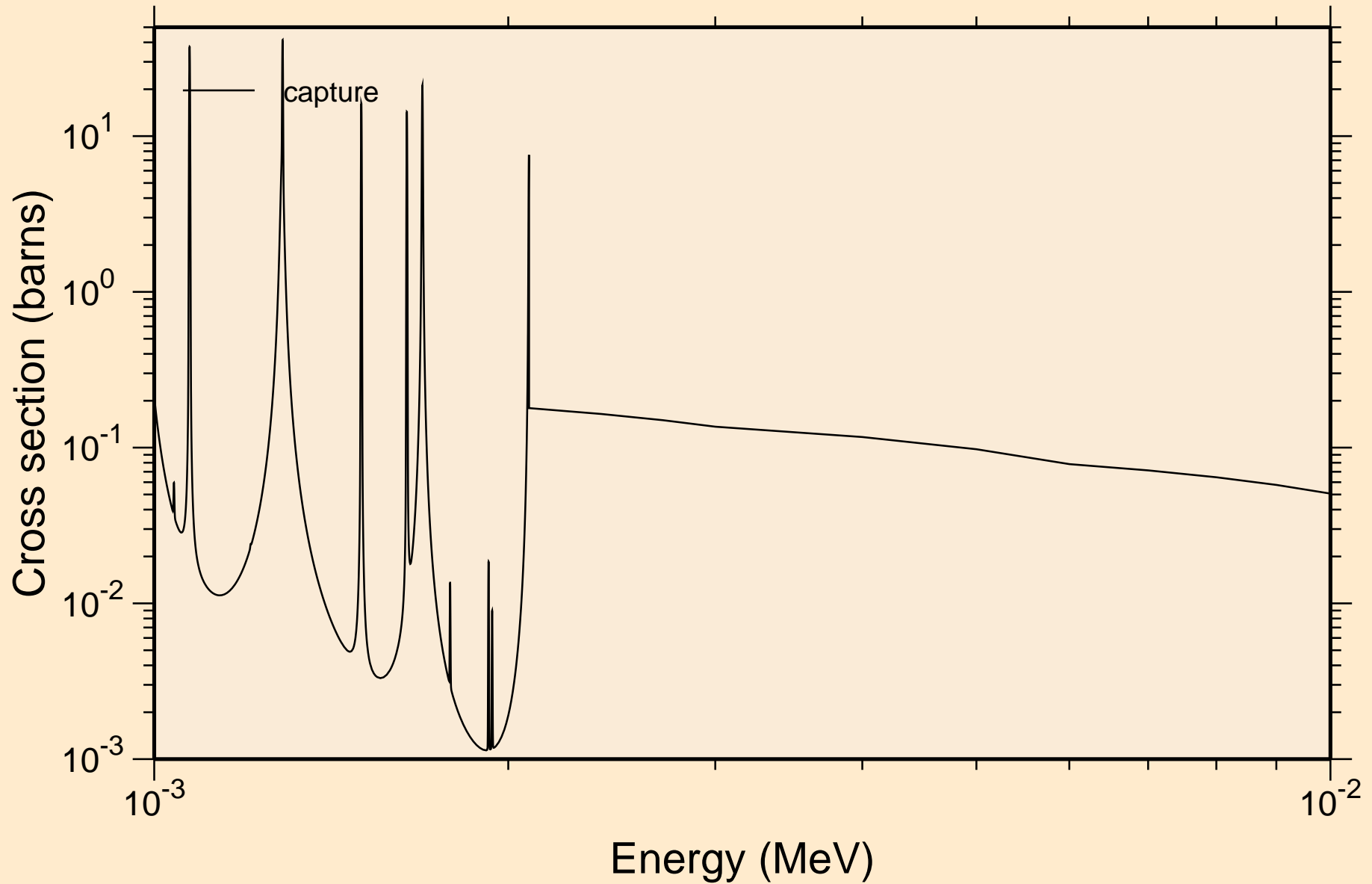
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

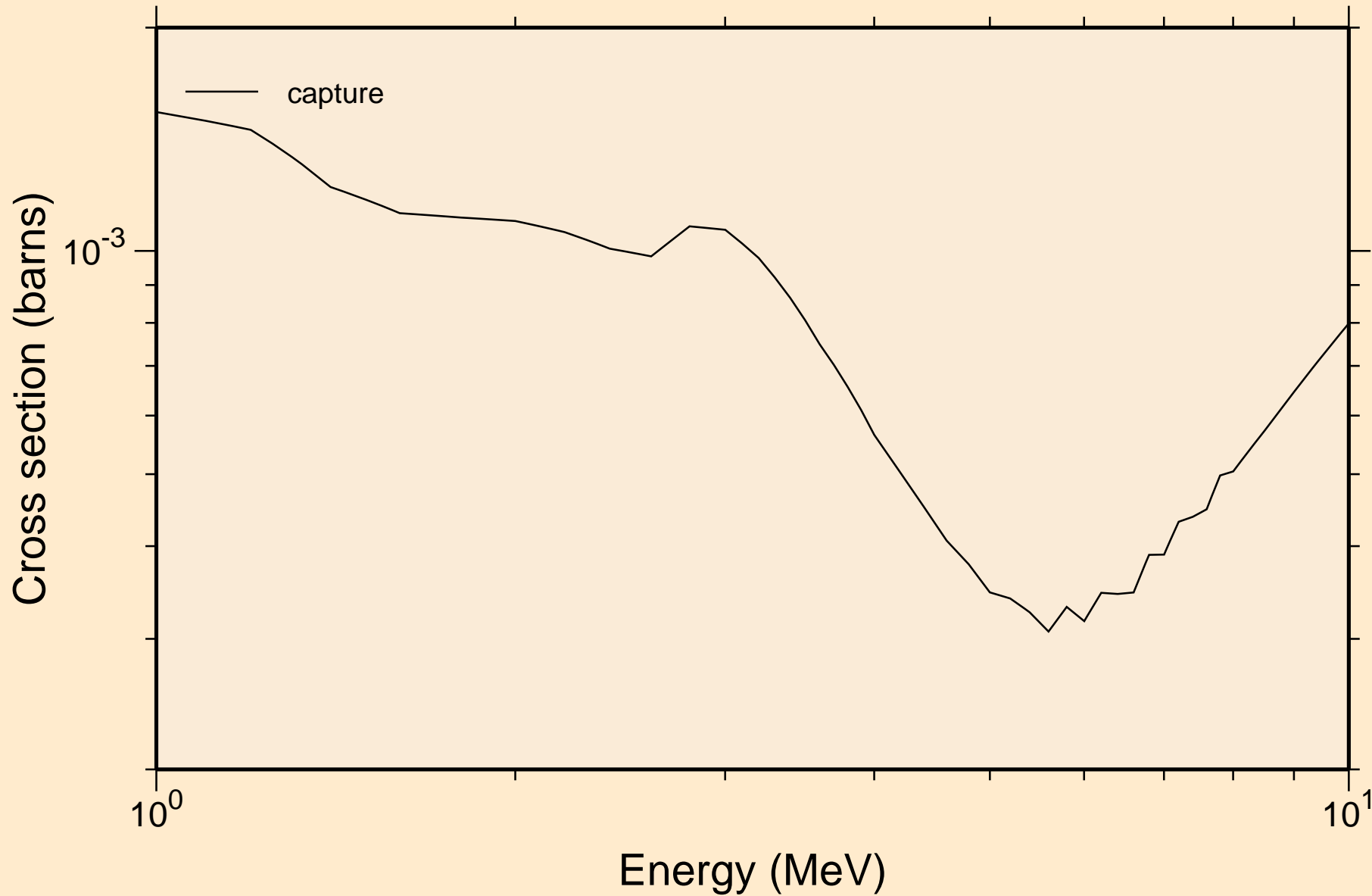


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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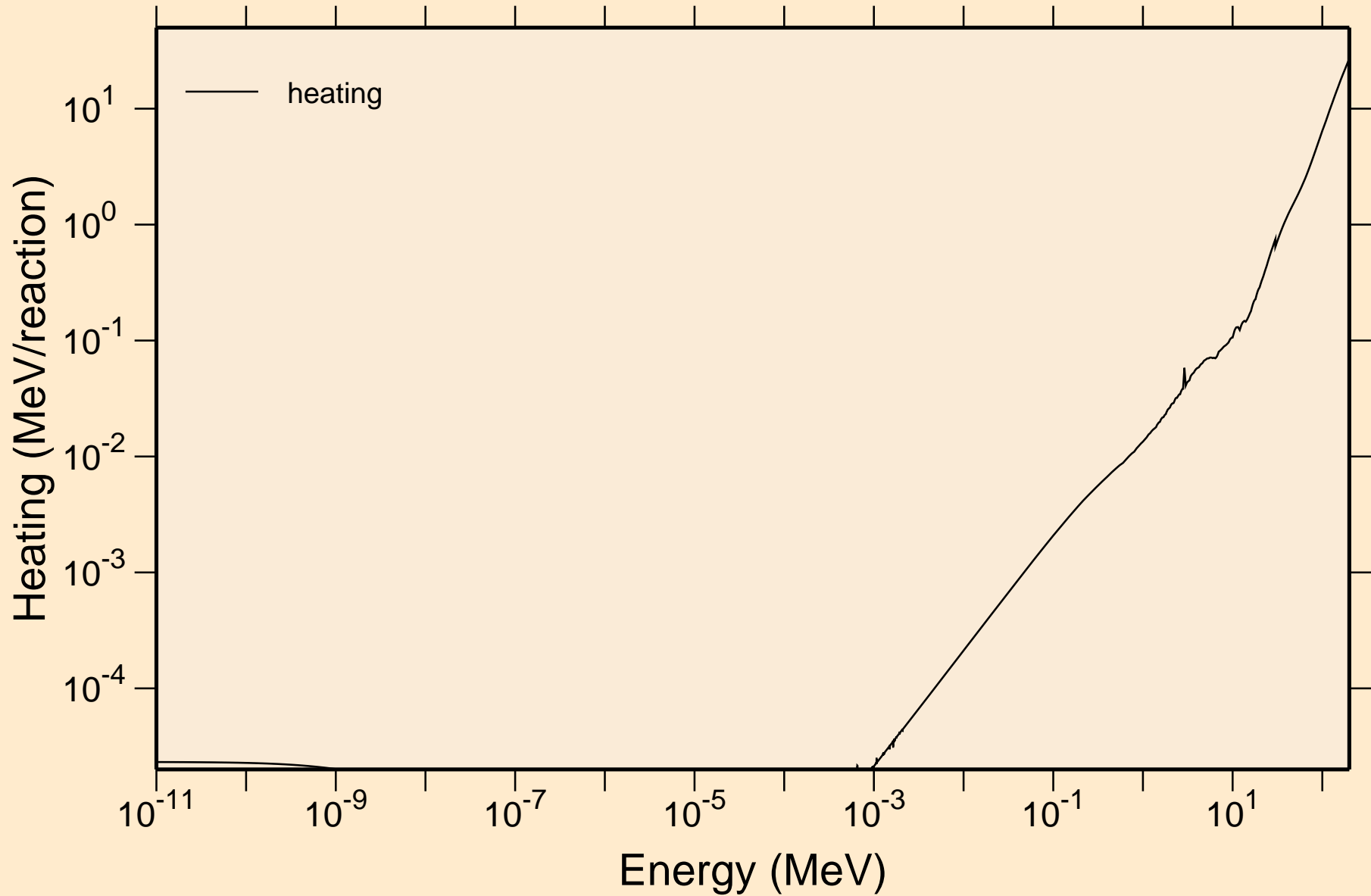




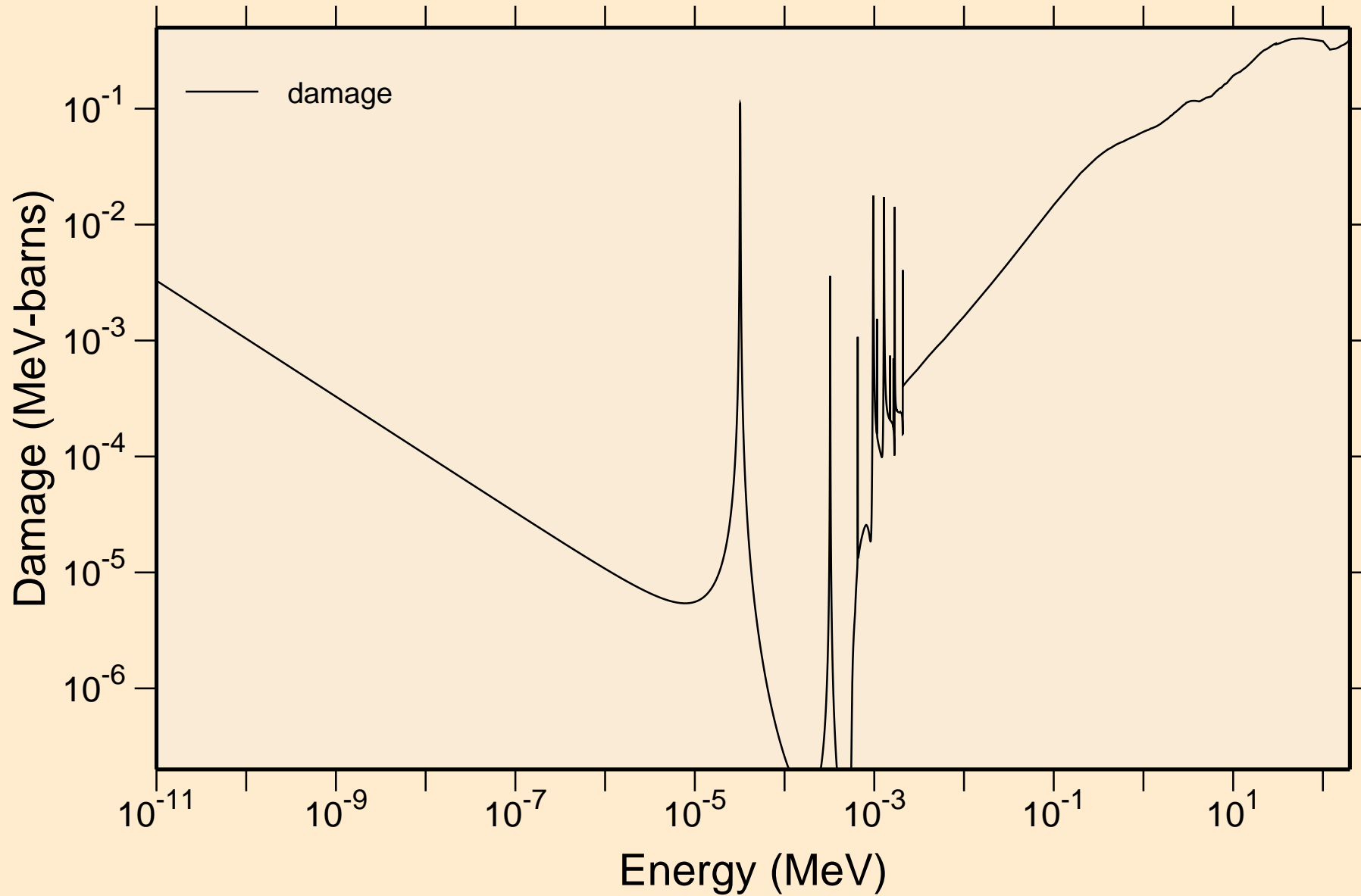
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resonance absorption cross sections



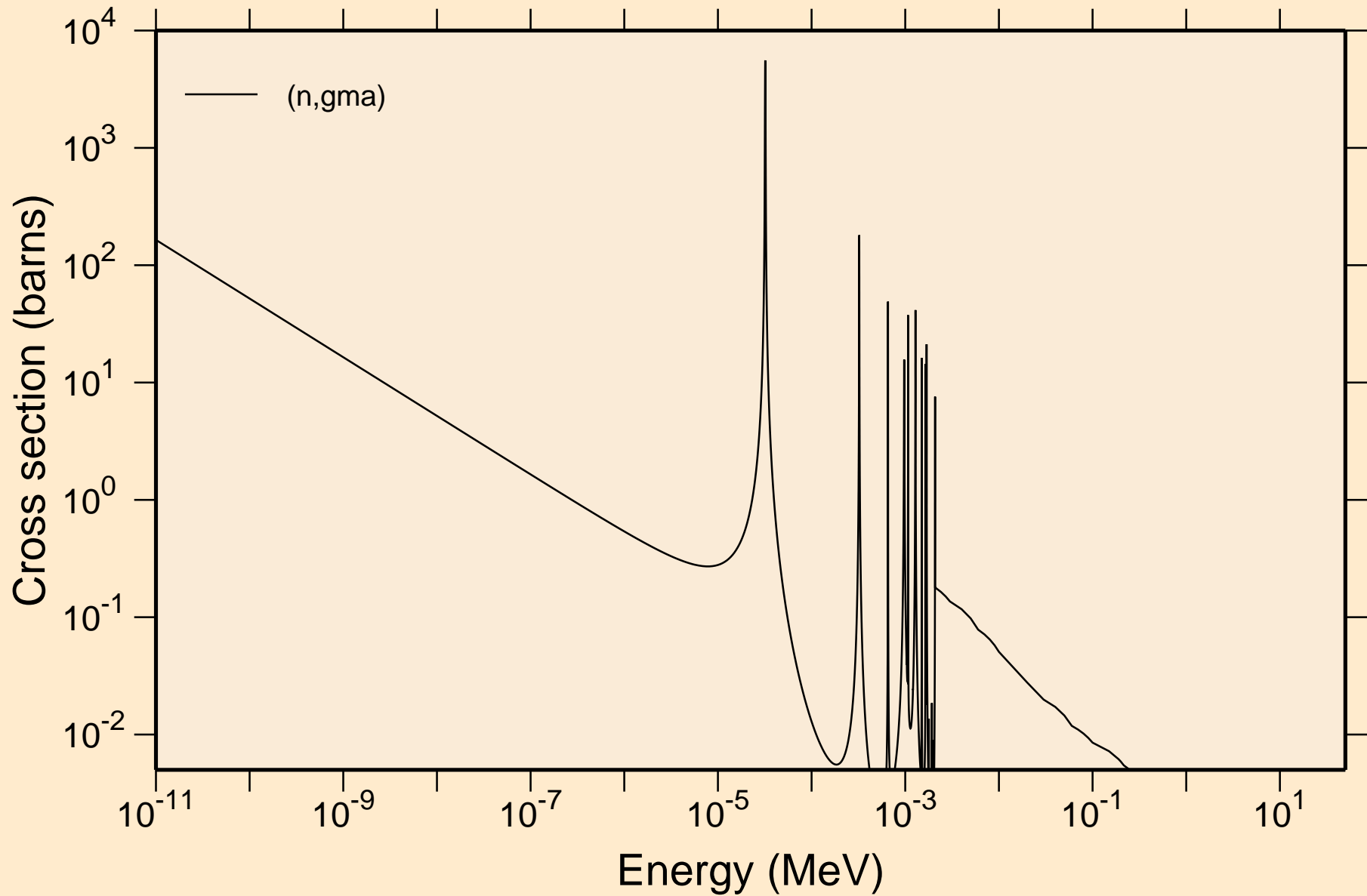
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



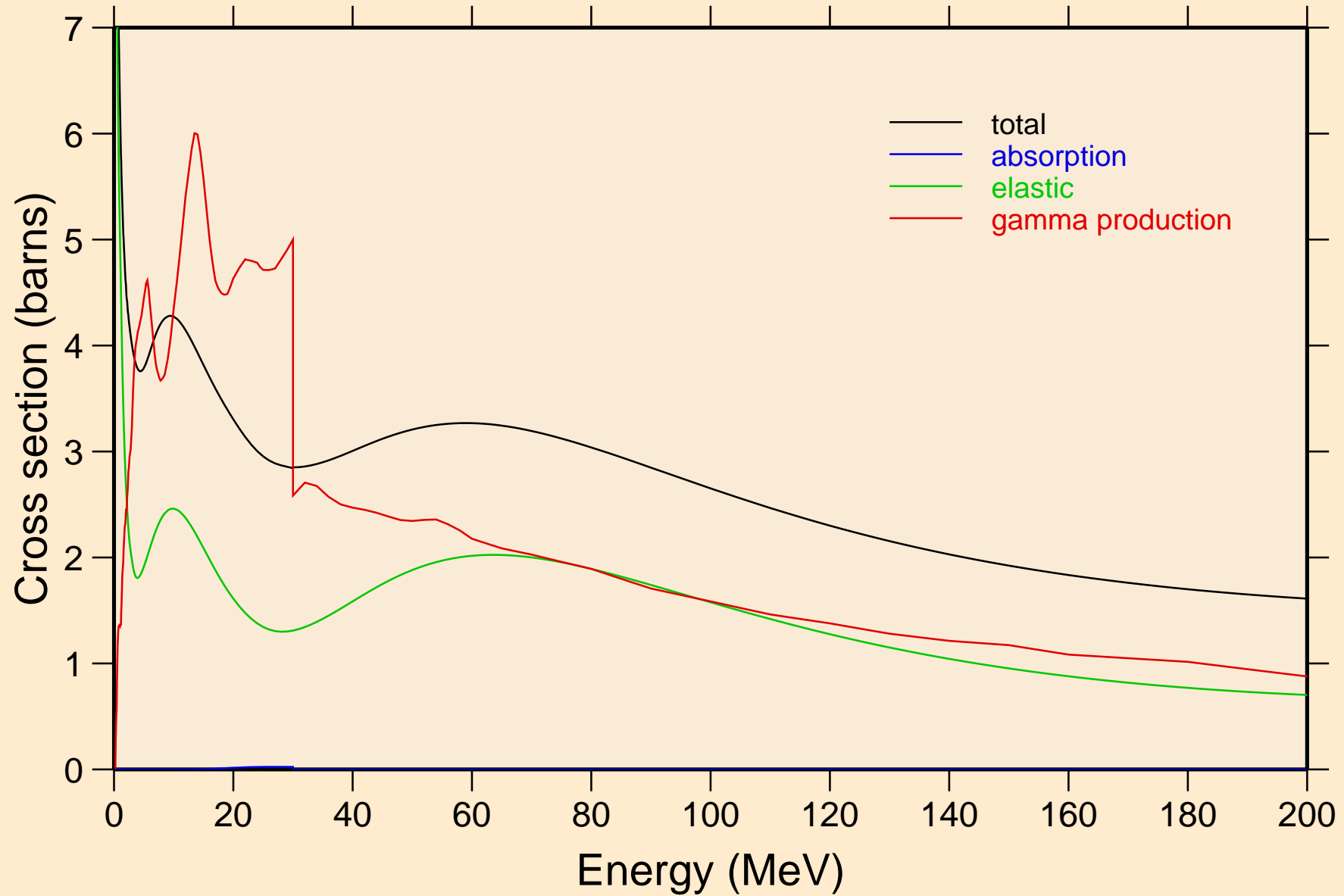
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Damage



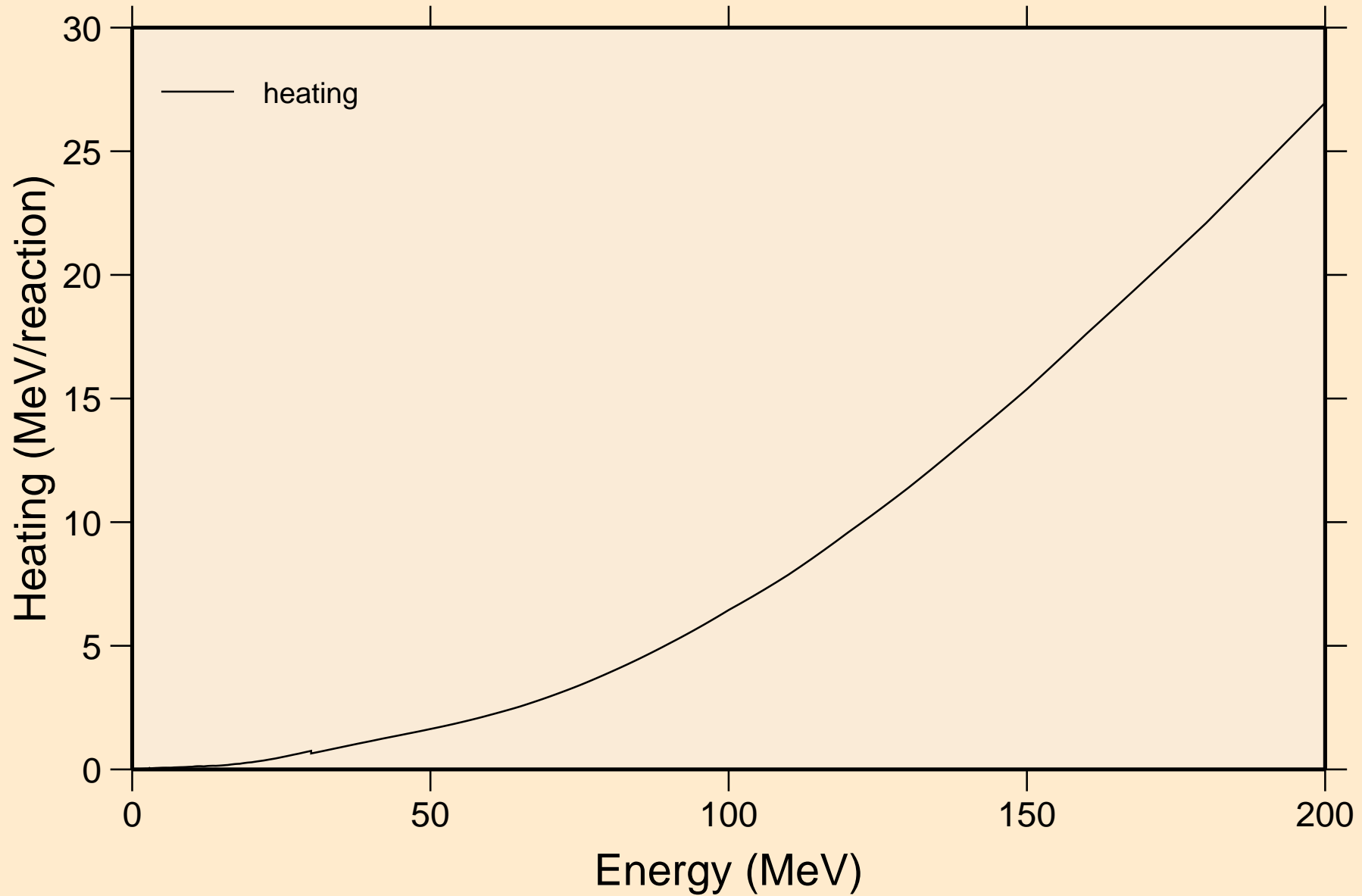
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Non-threshold reactions



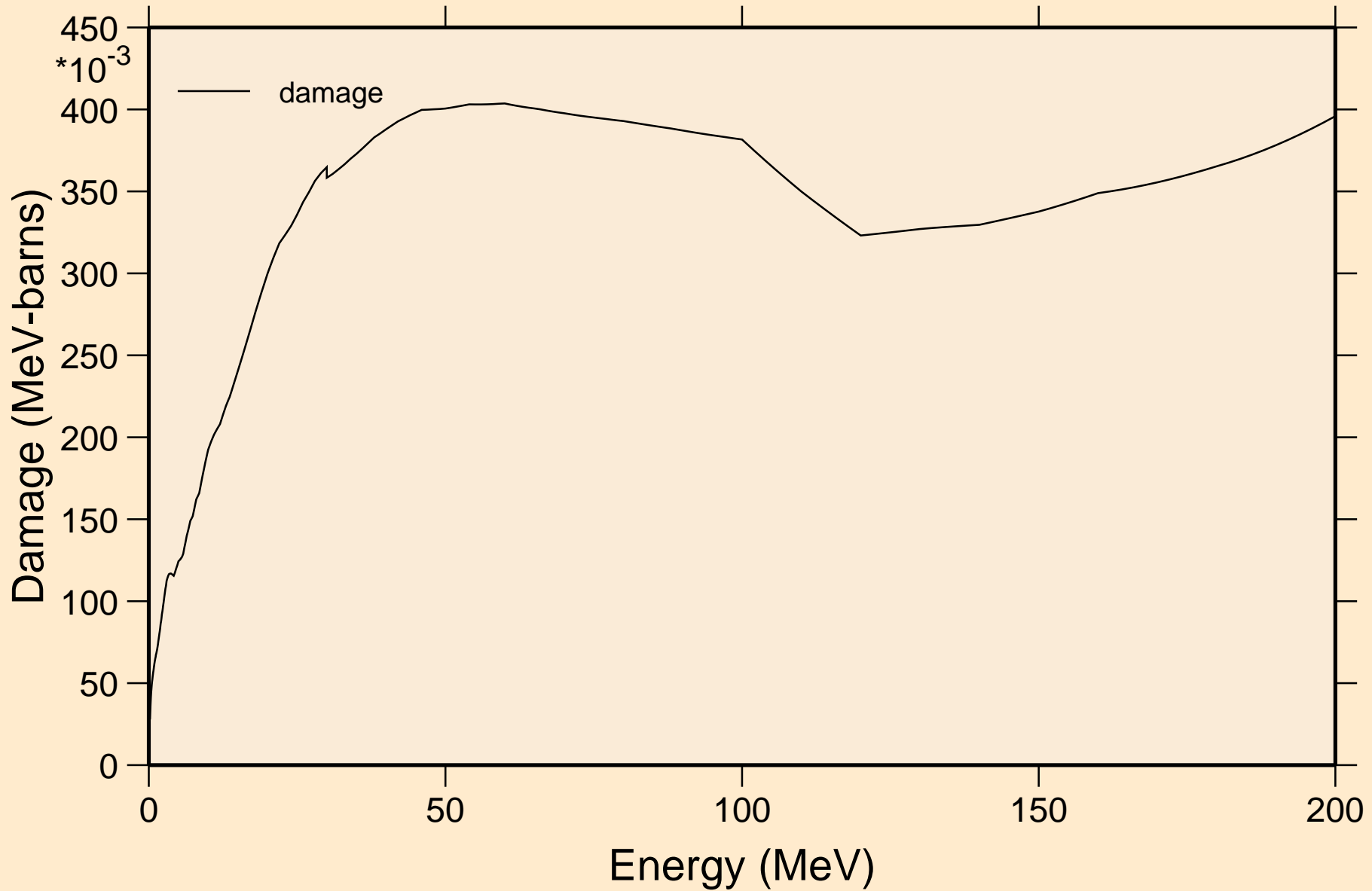
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Principal cross sections



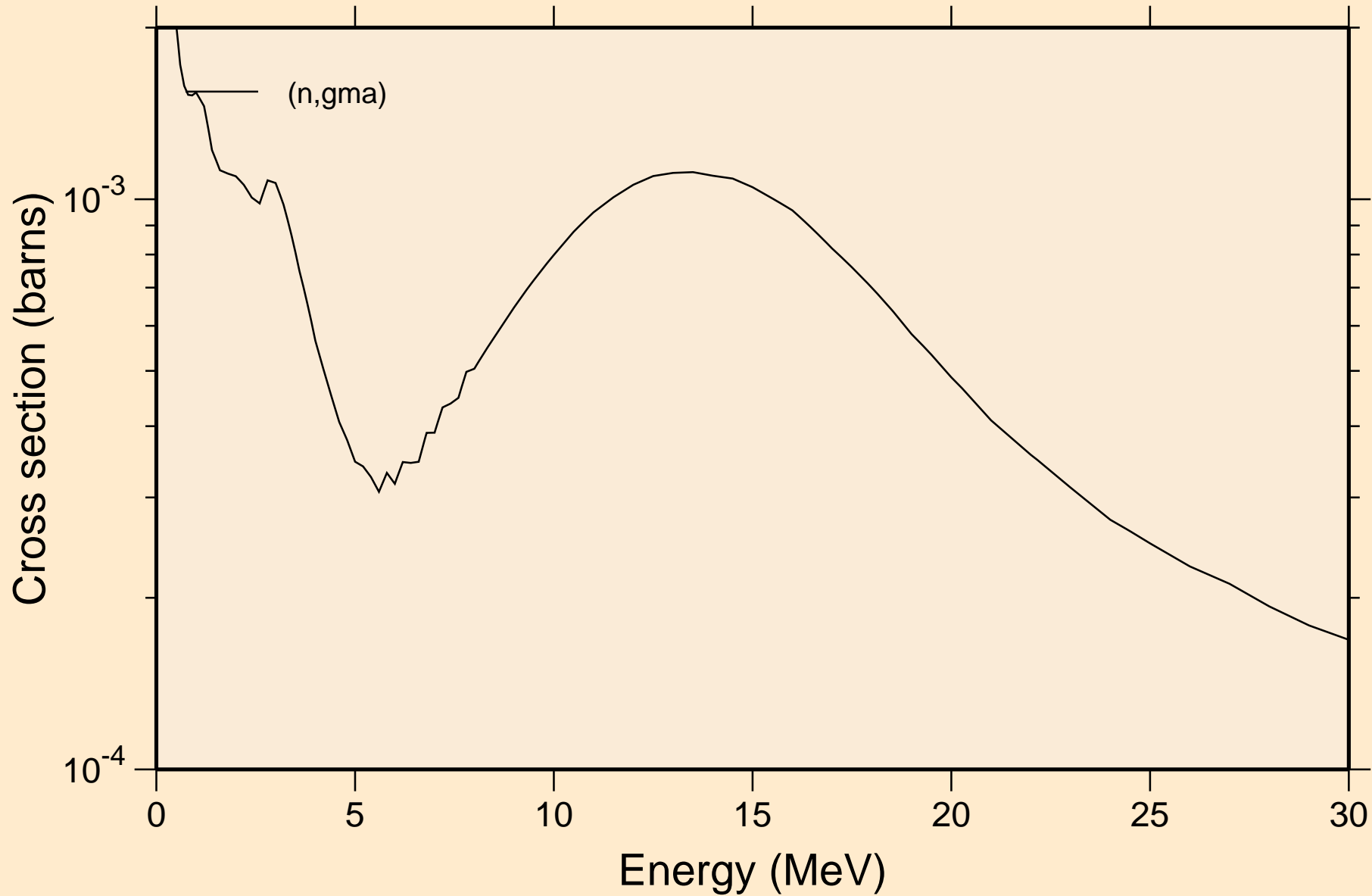
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

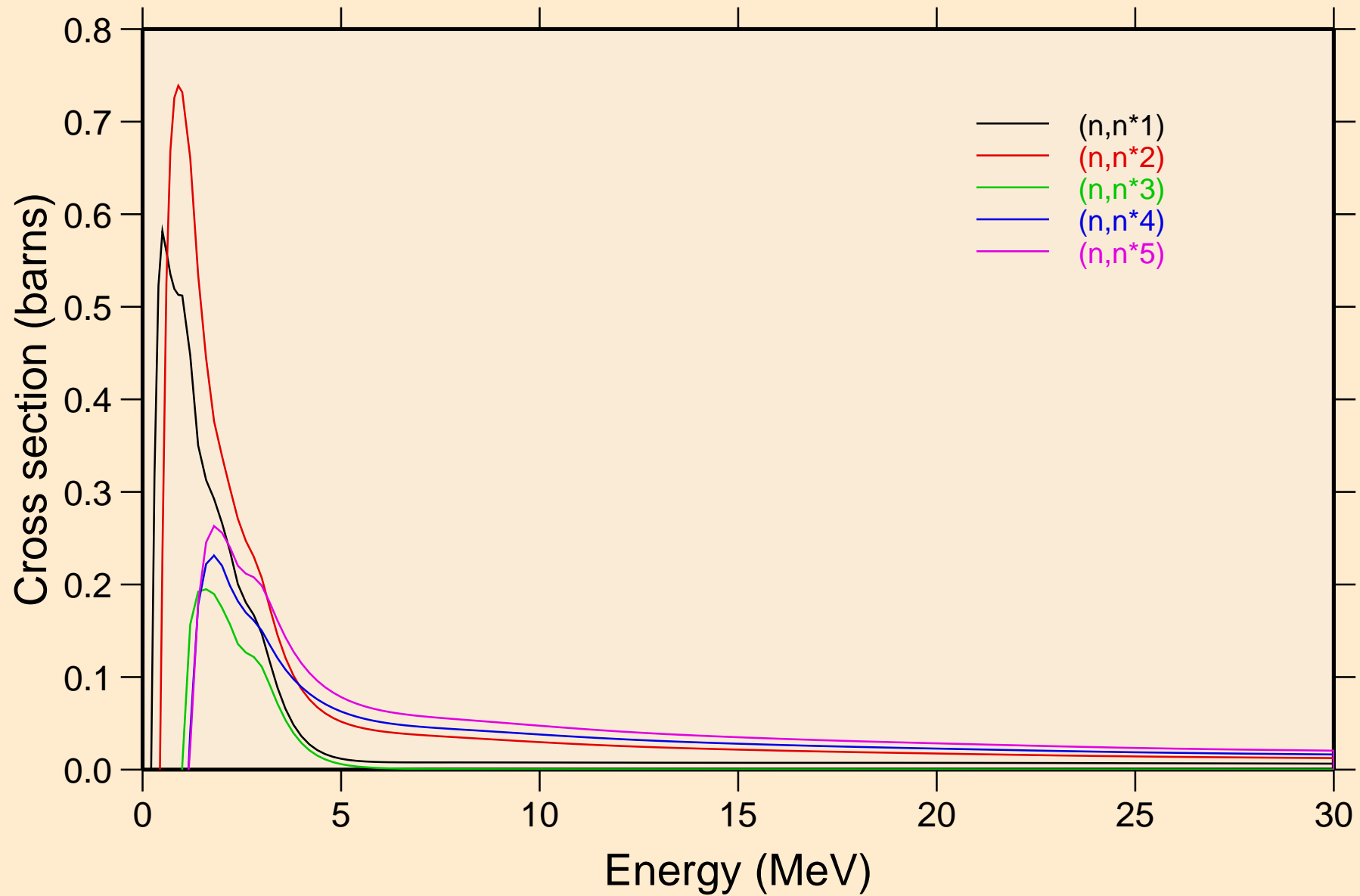


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

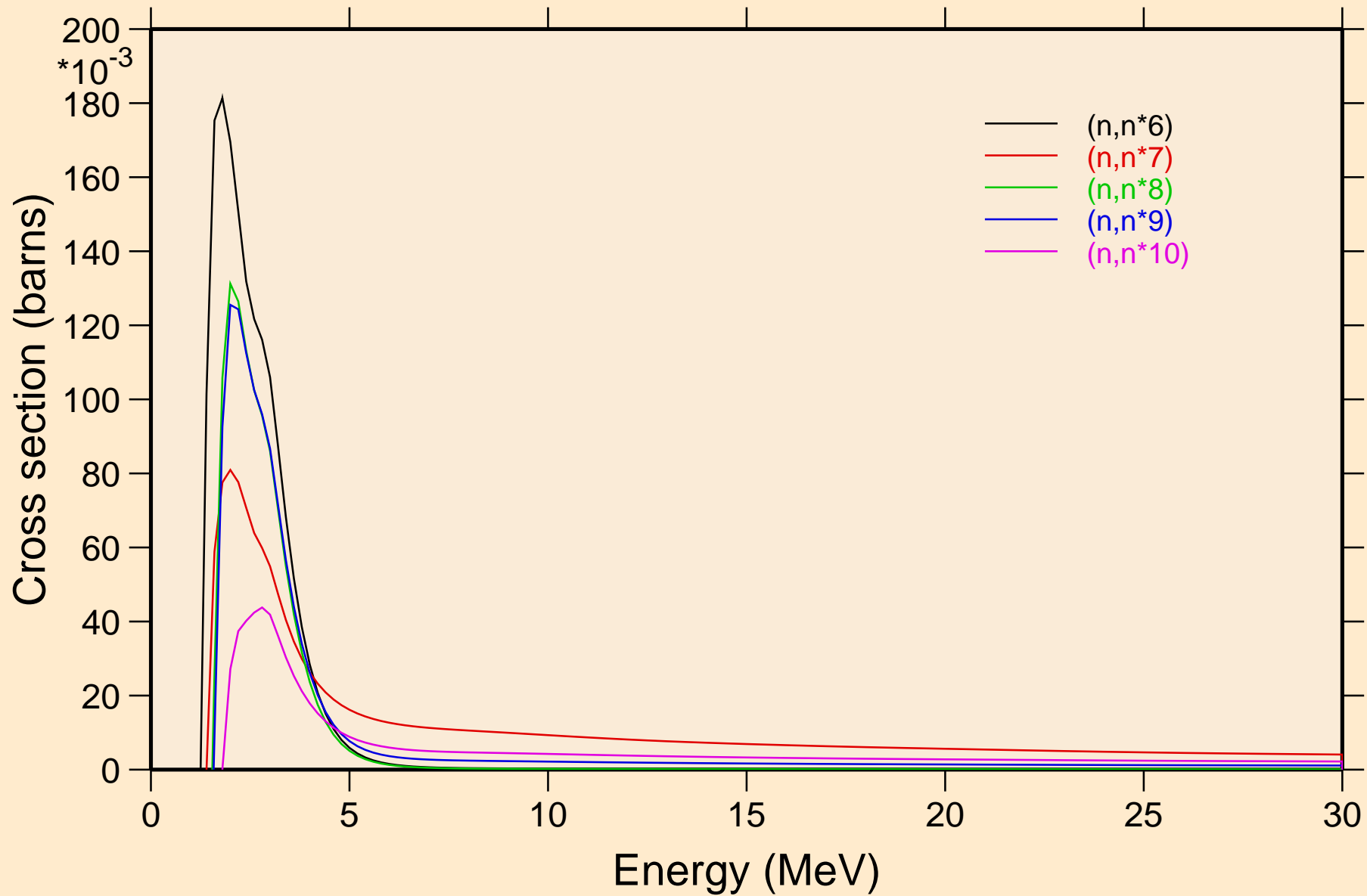




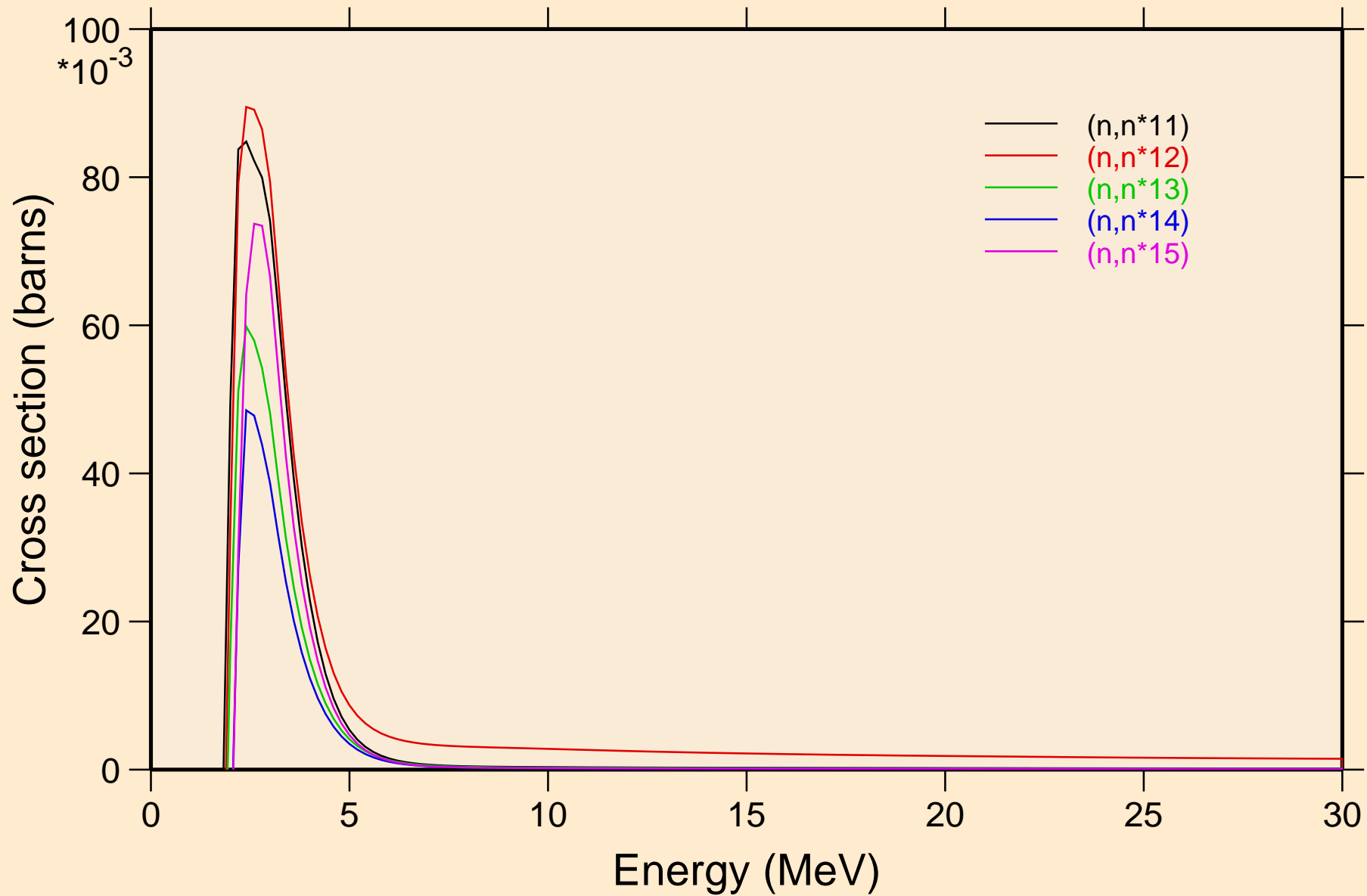
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Inelastic levels



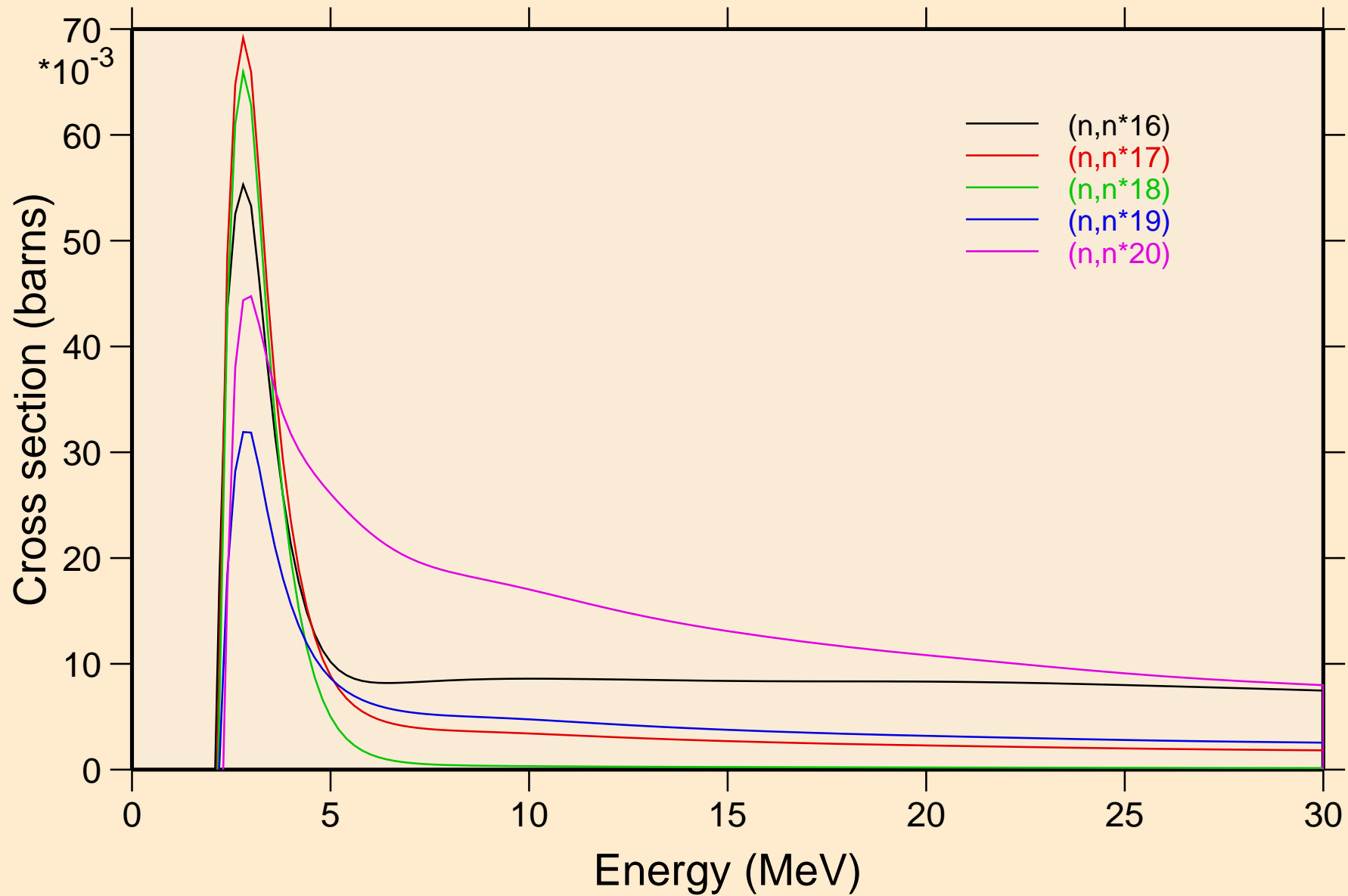
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



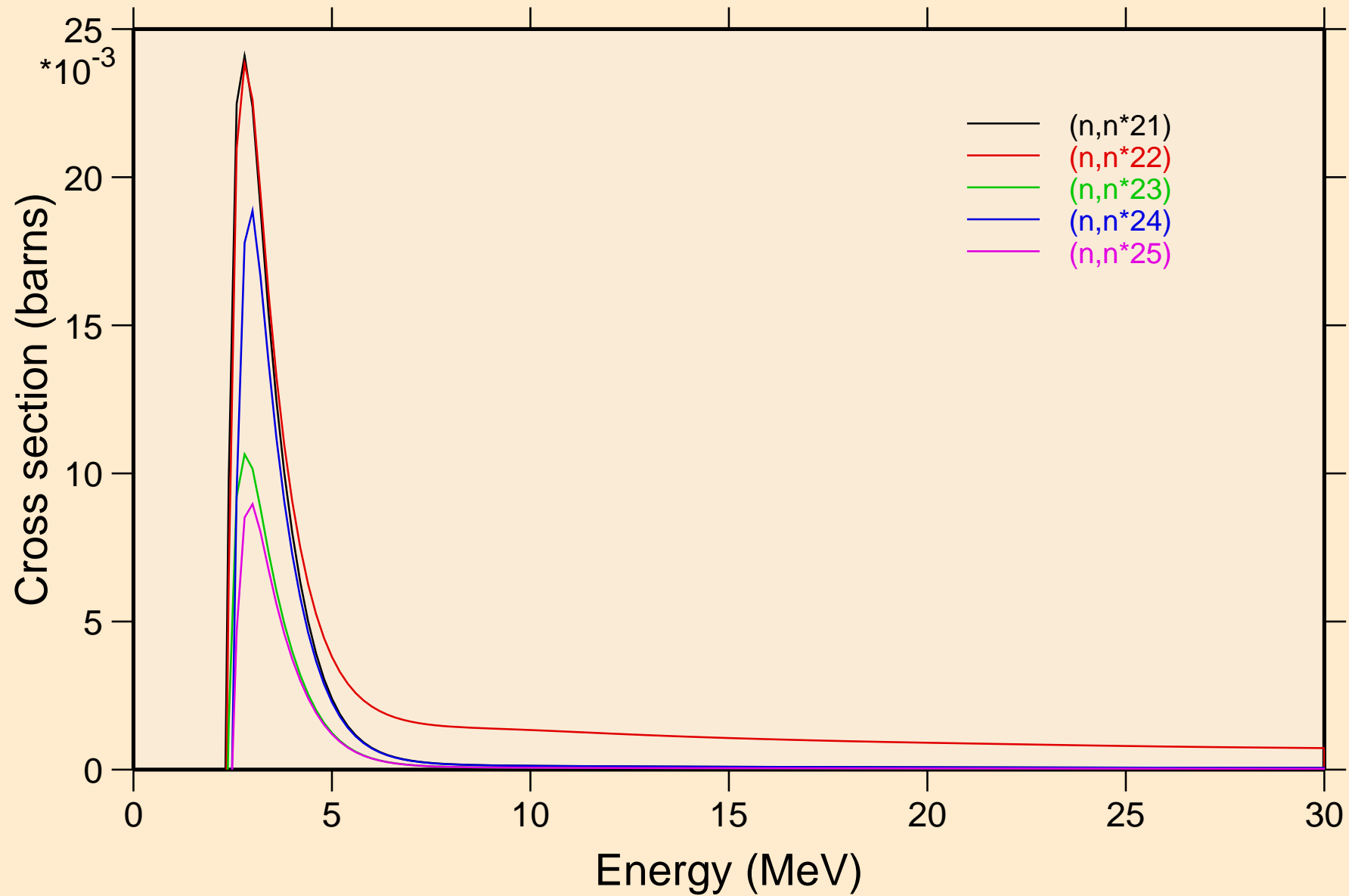
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



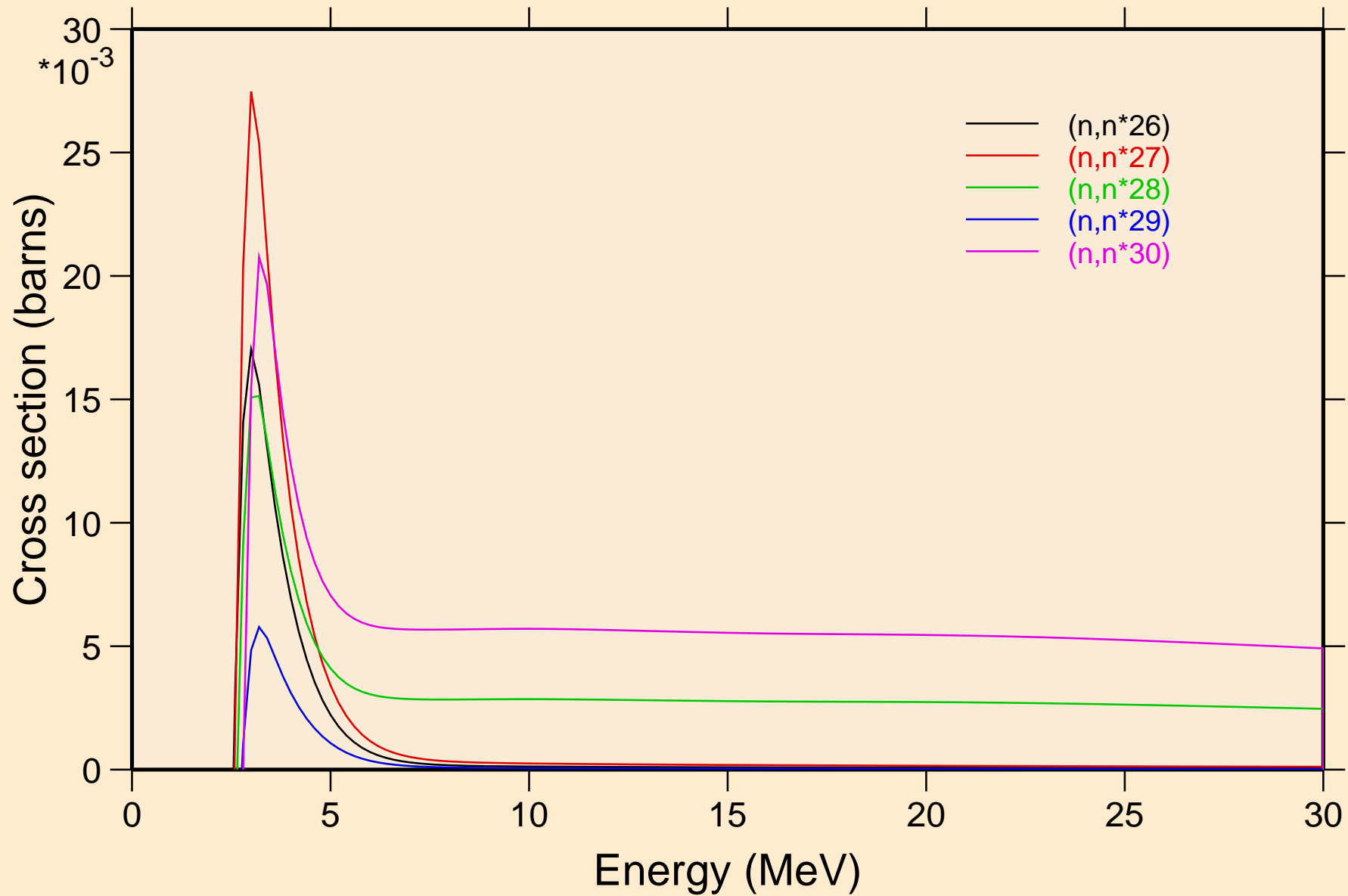
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



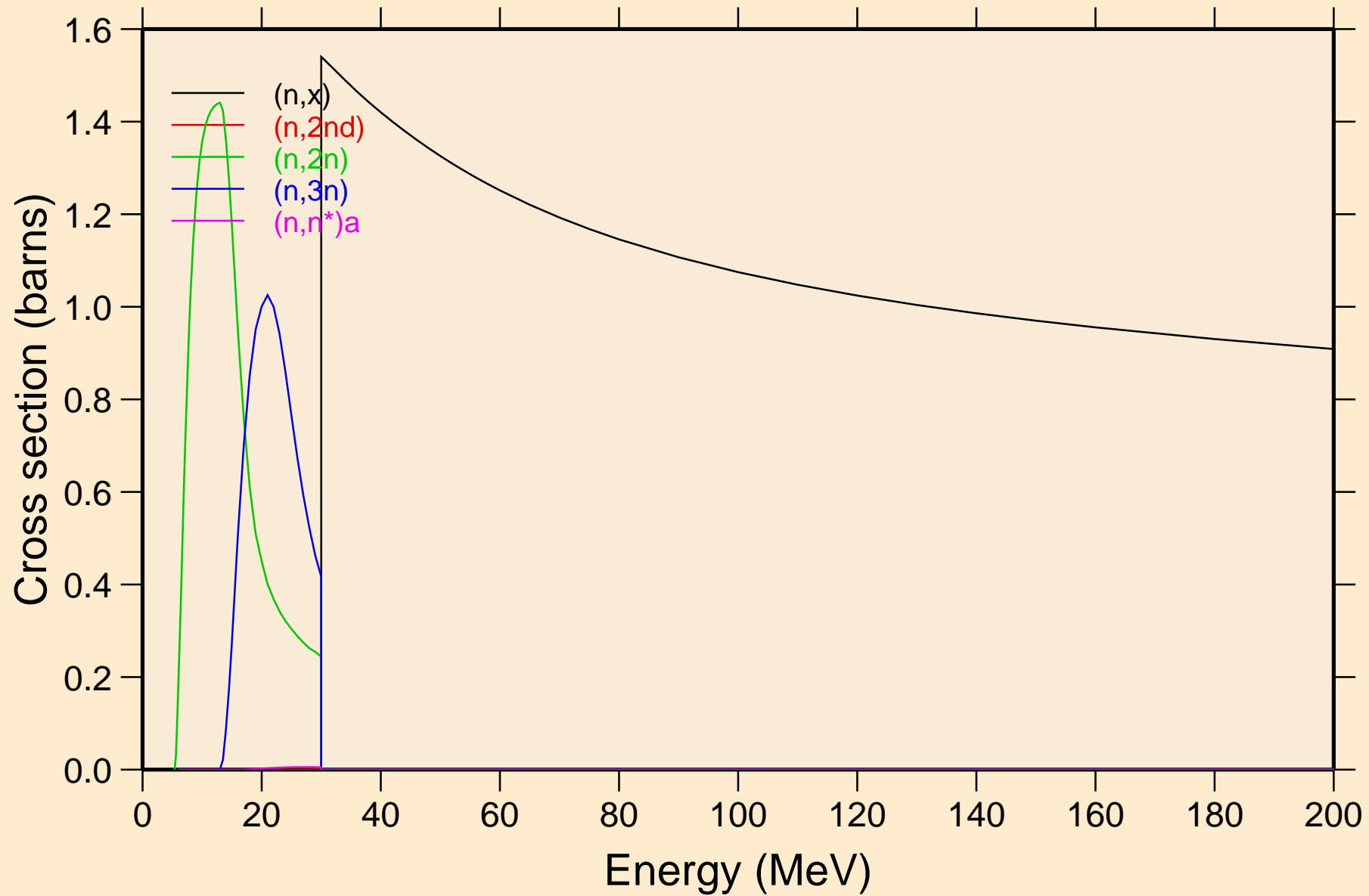
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



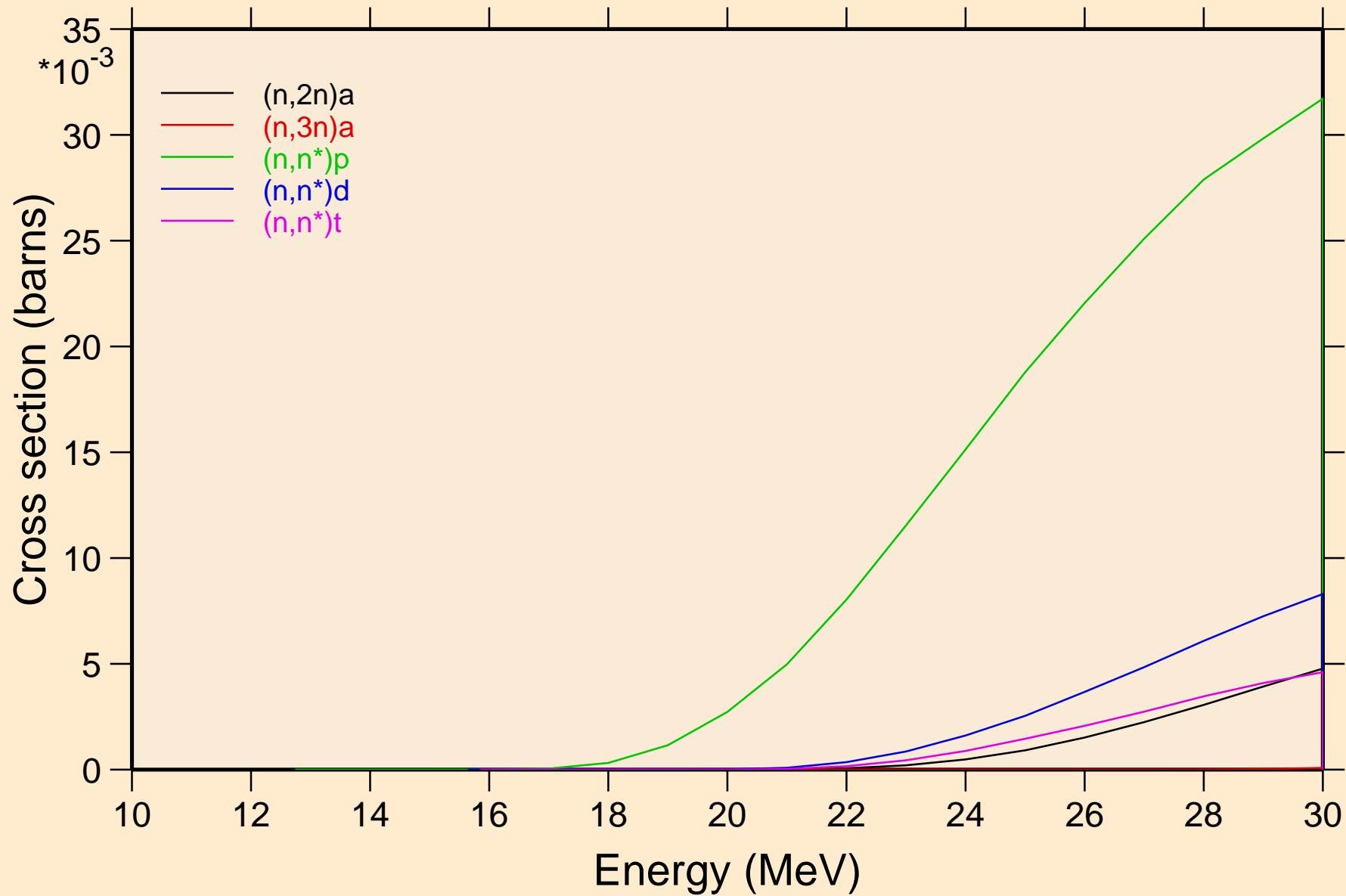
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

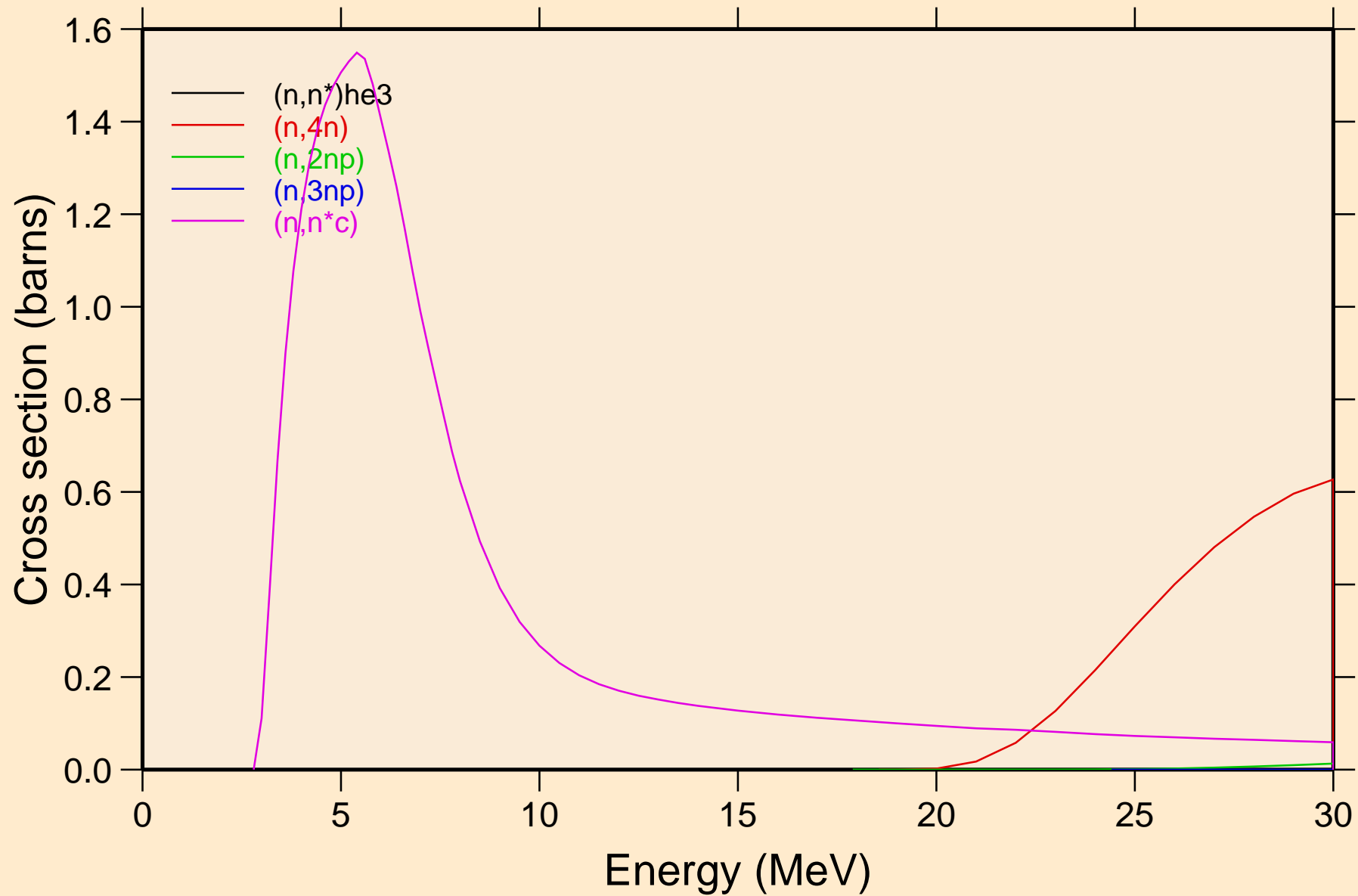


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

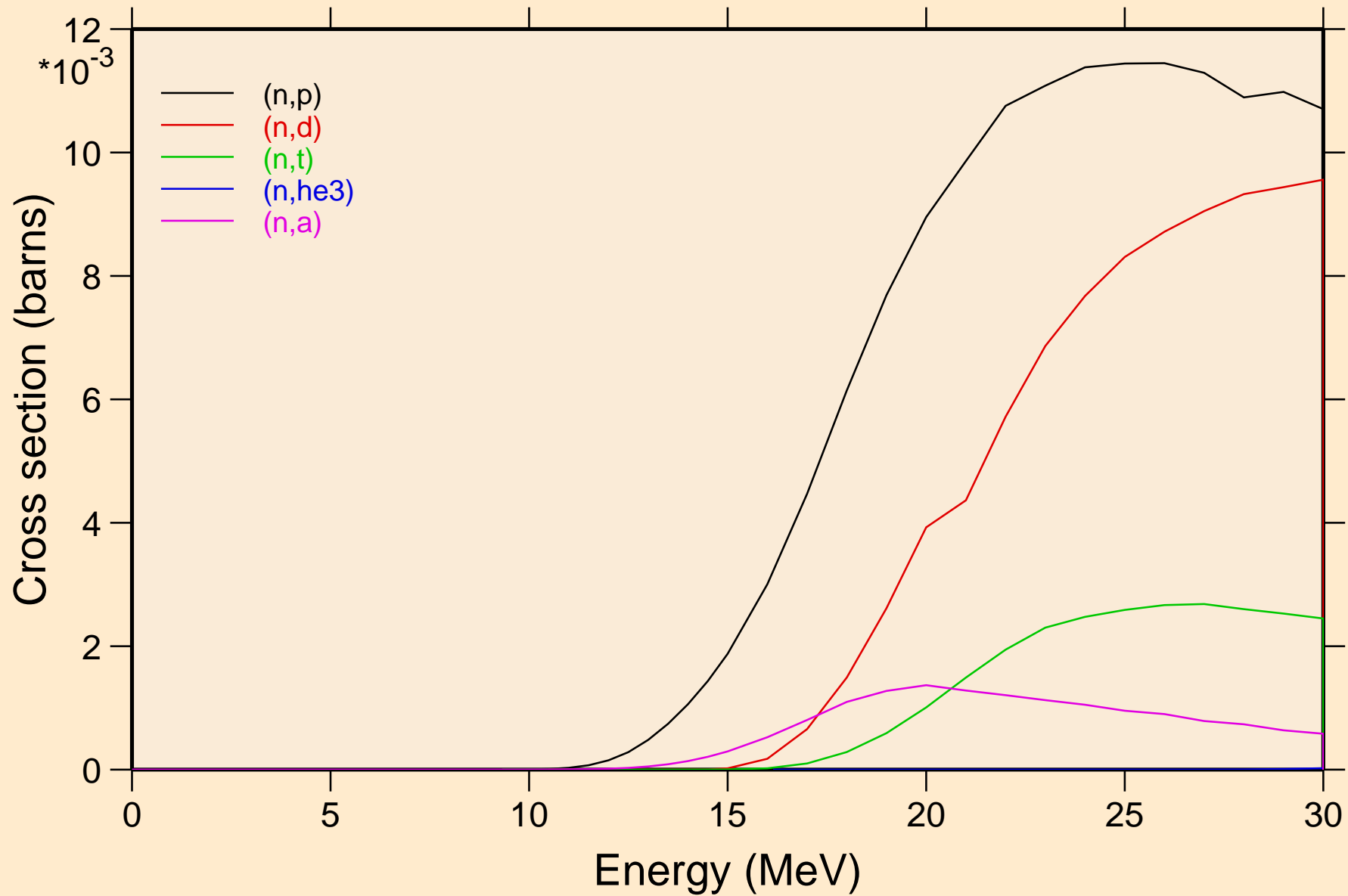




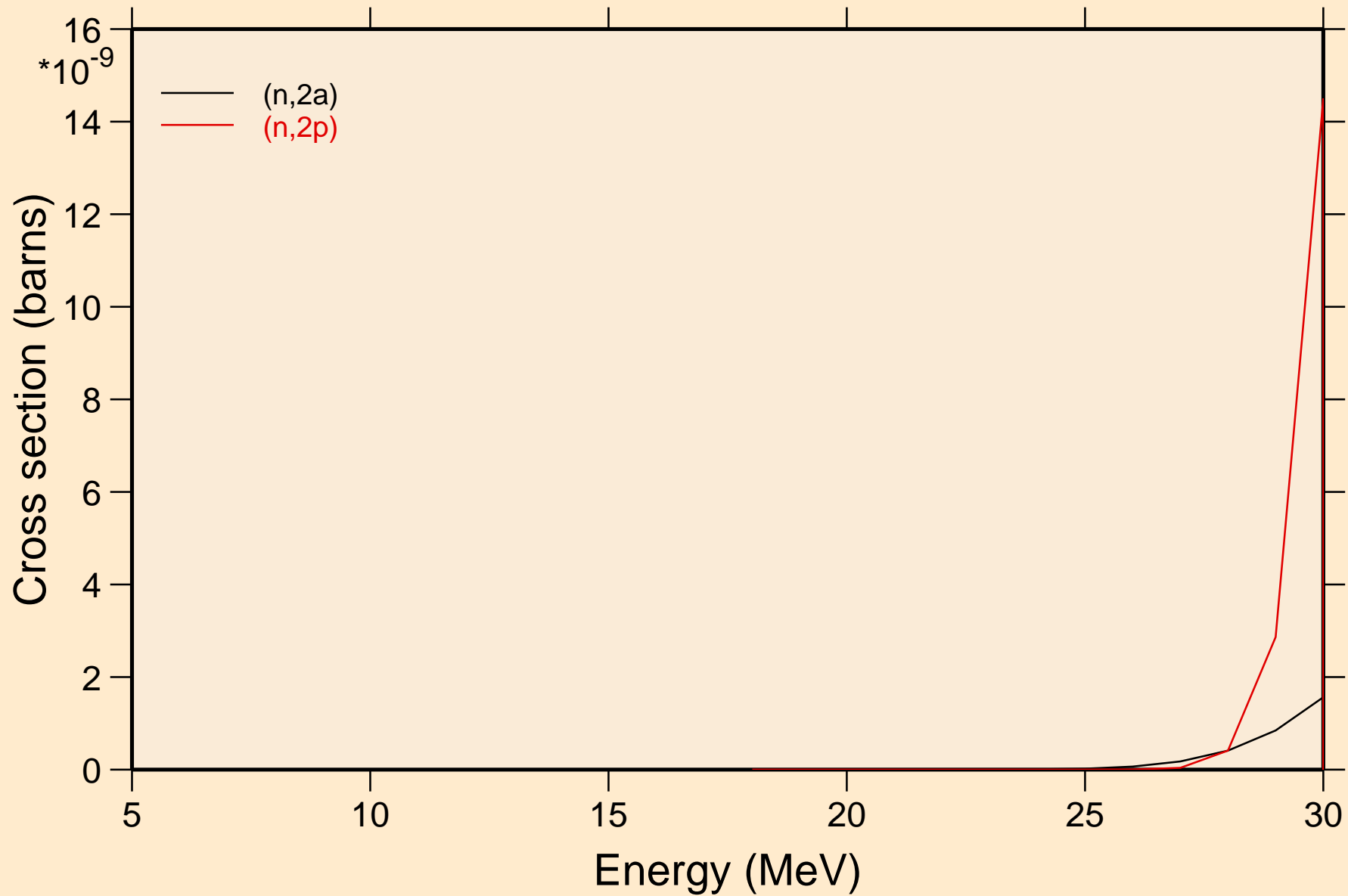
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



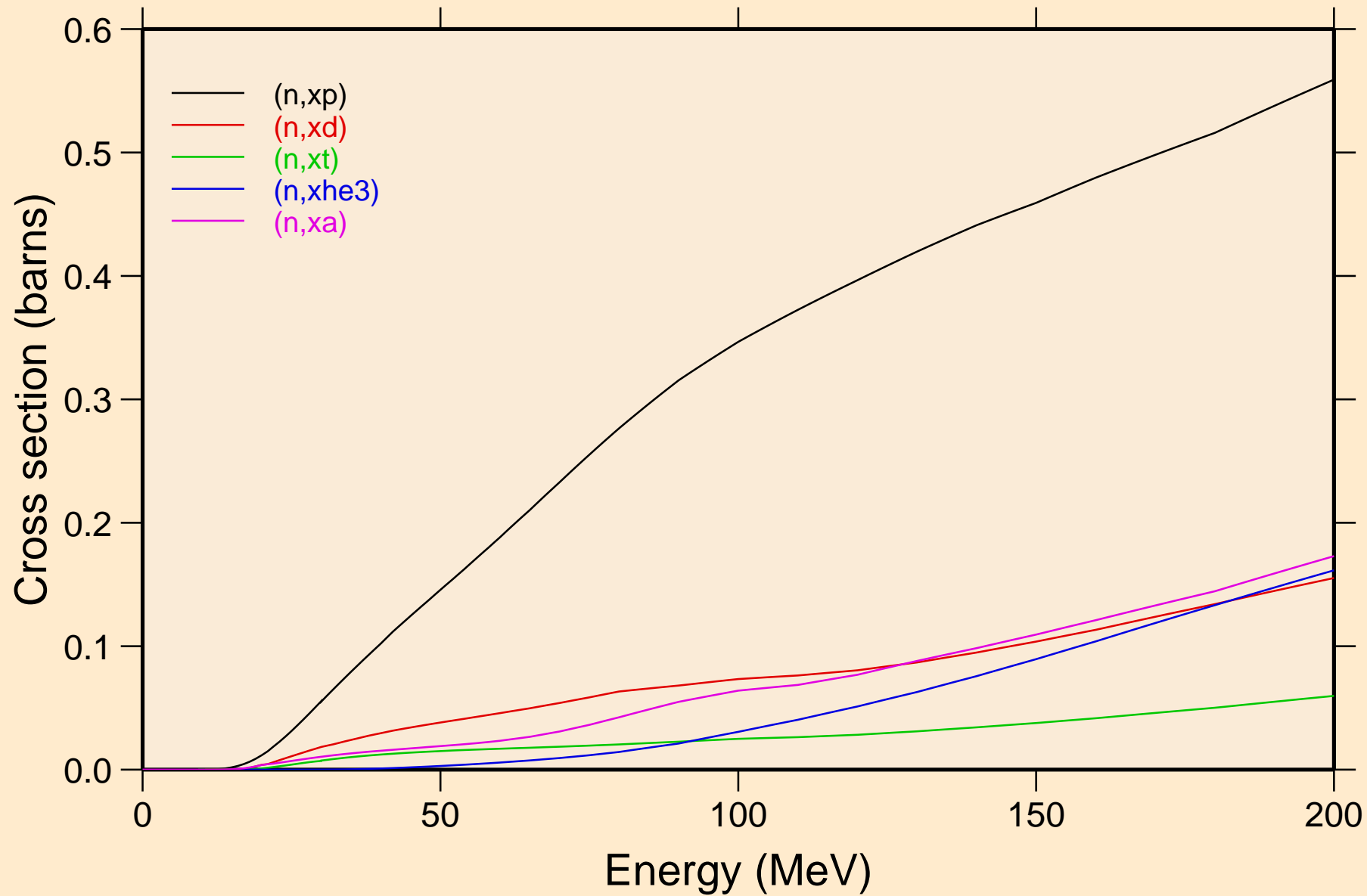
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



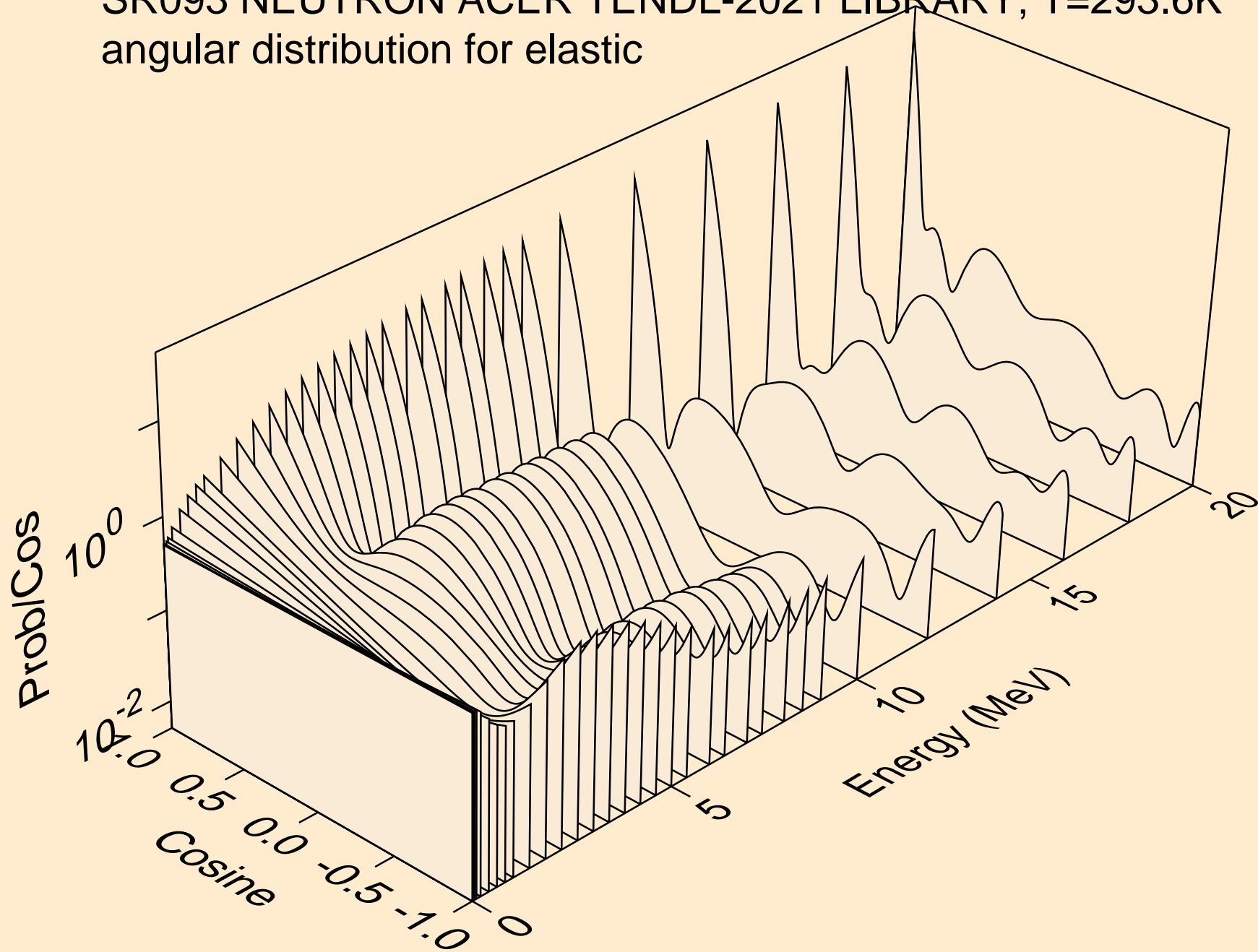
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



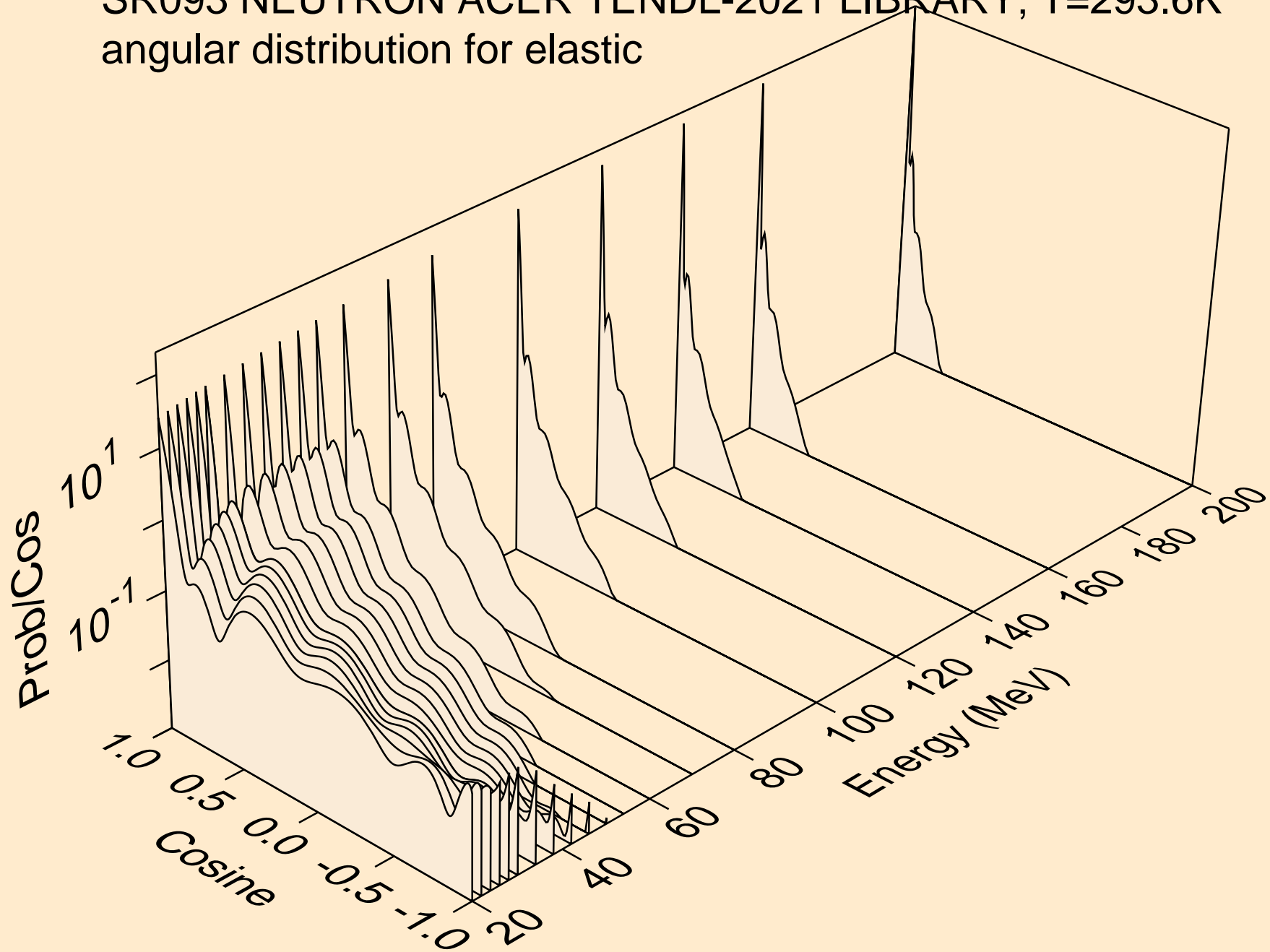
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



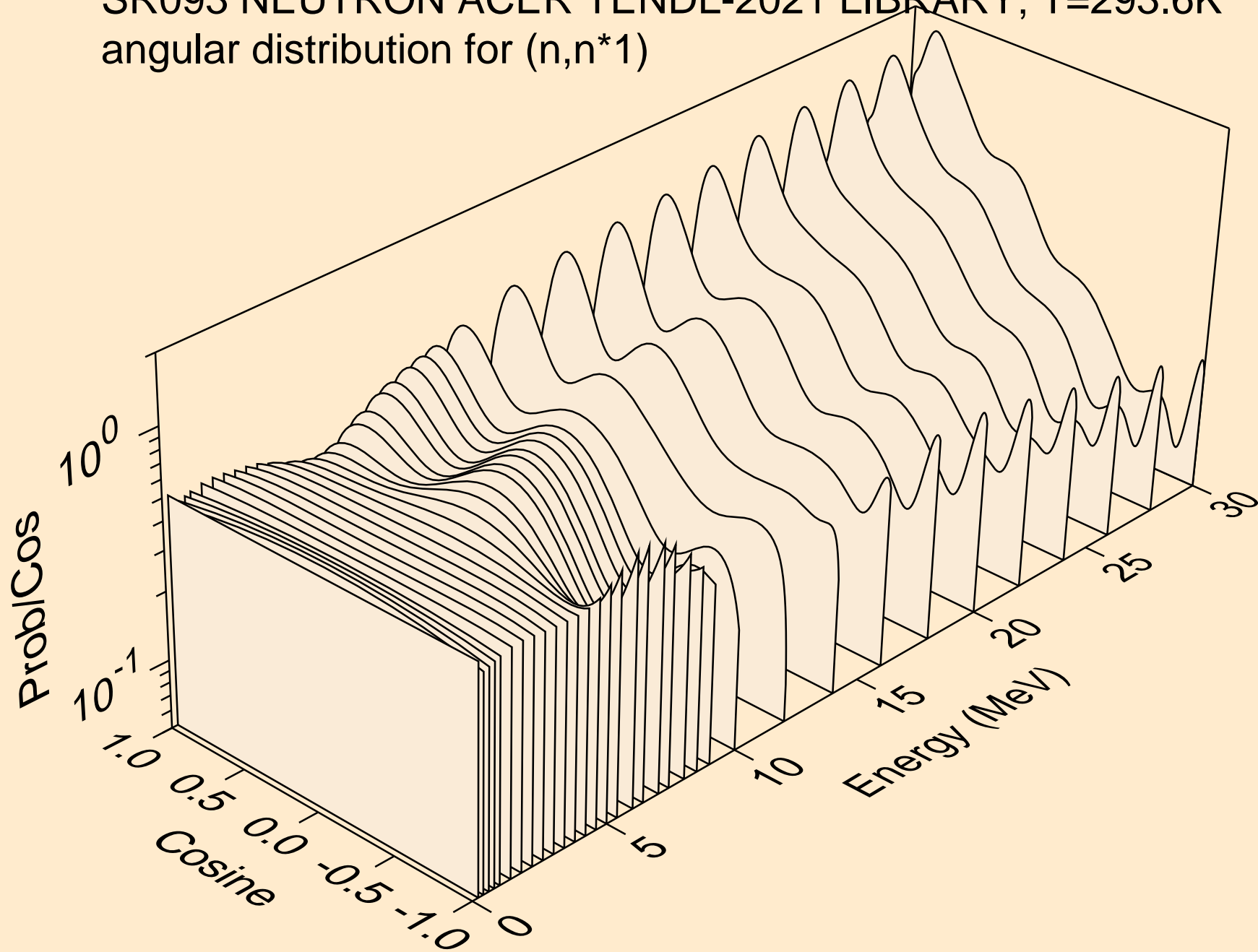
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



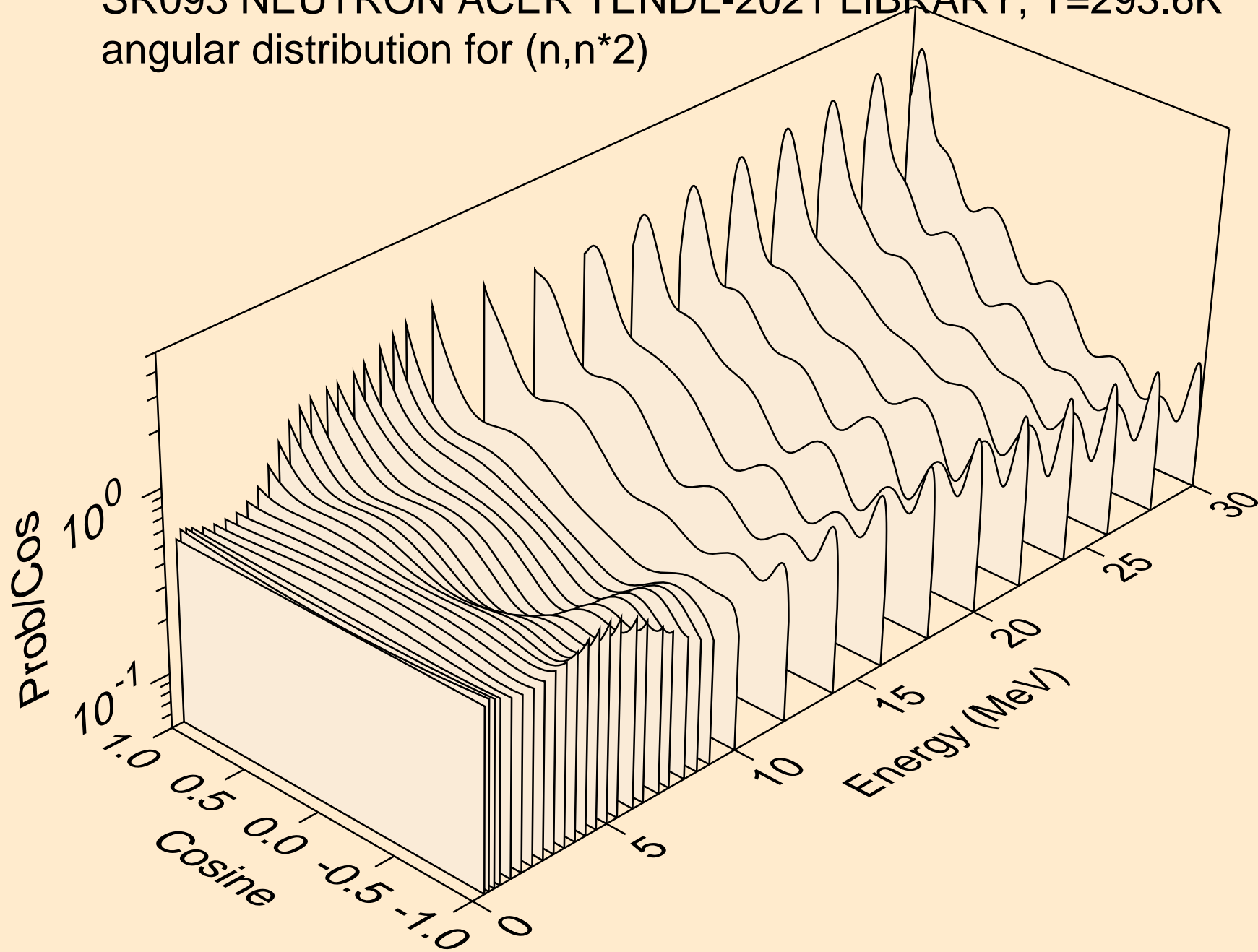
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



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angular distribution for (n,n\*1)

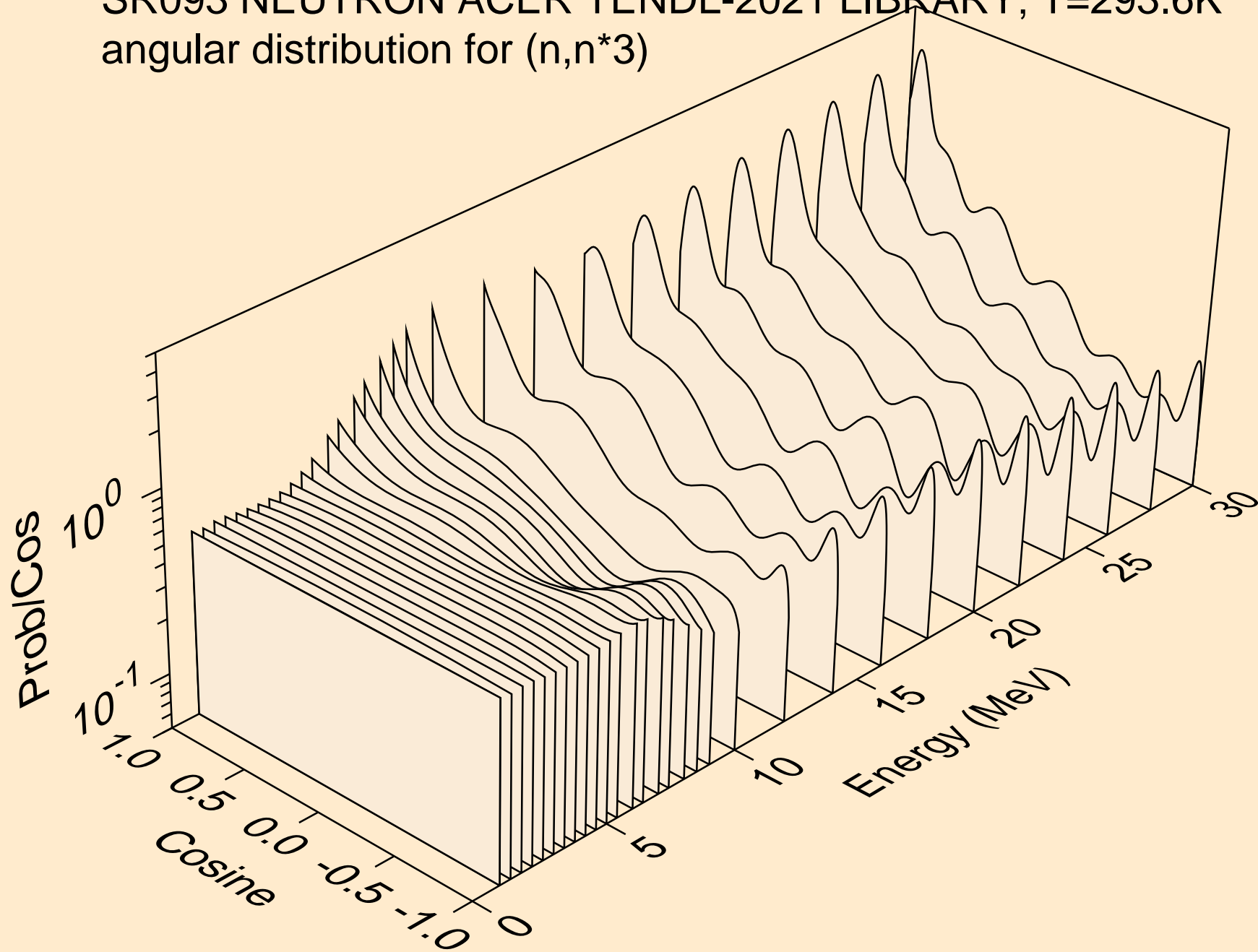


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

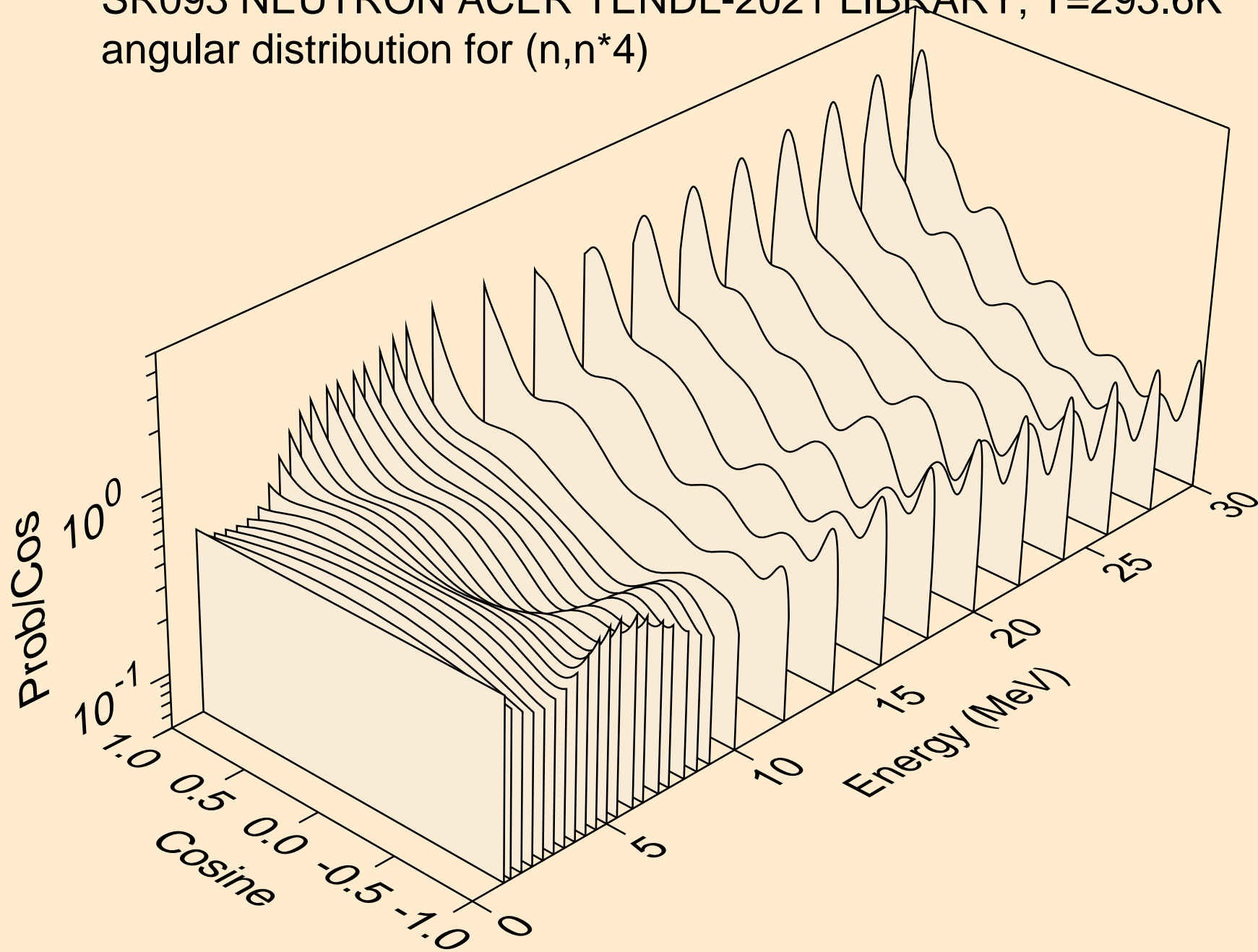




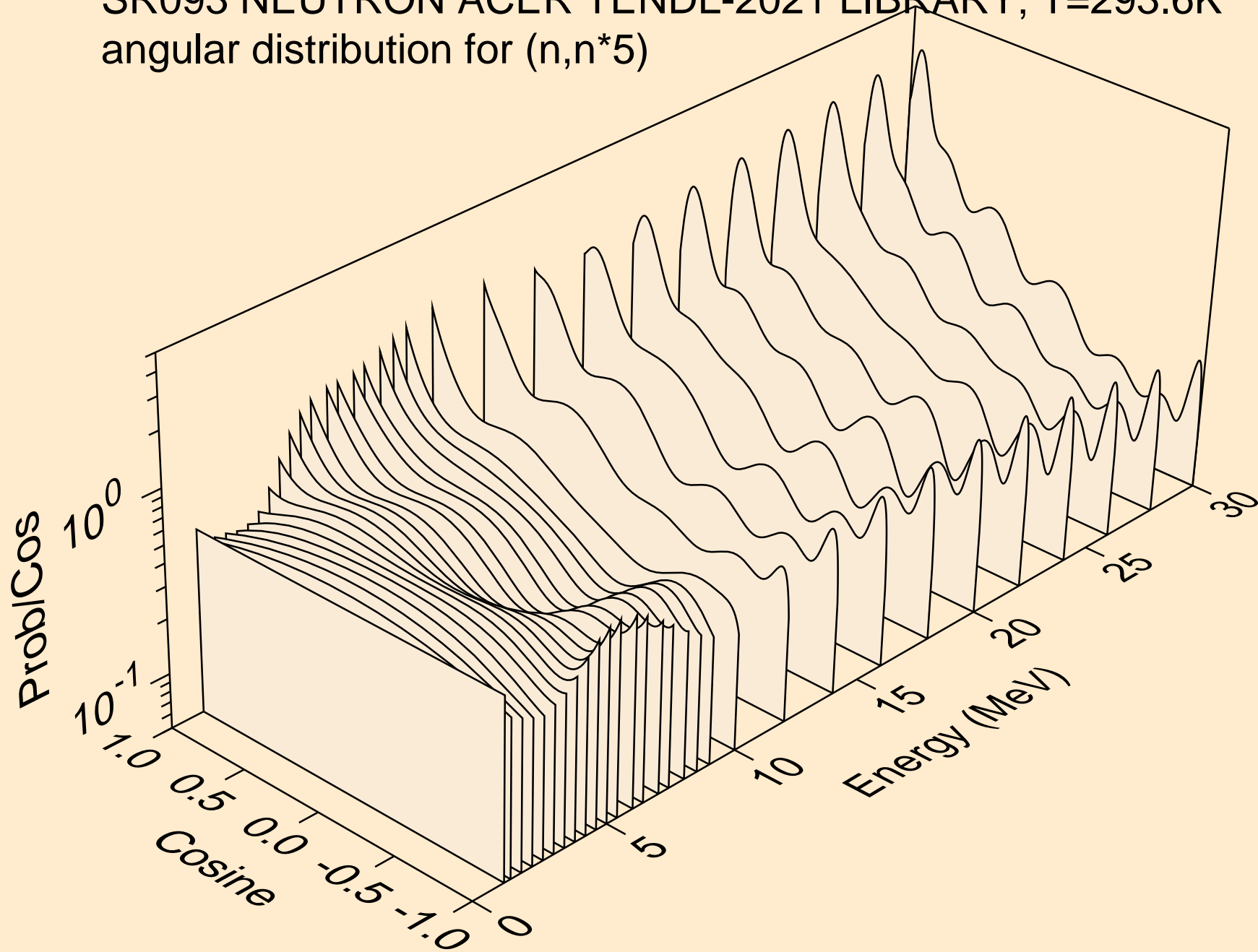
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angular distribution for (n,n\*3)



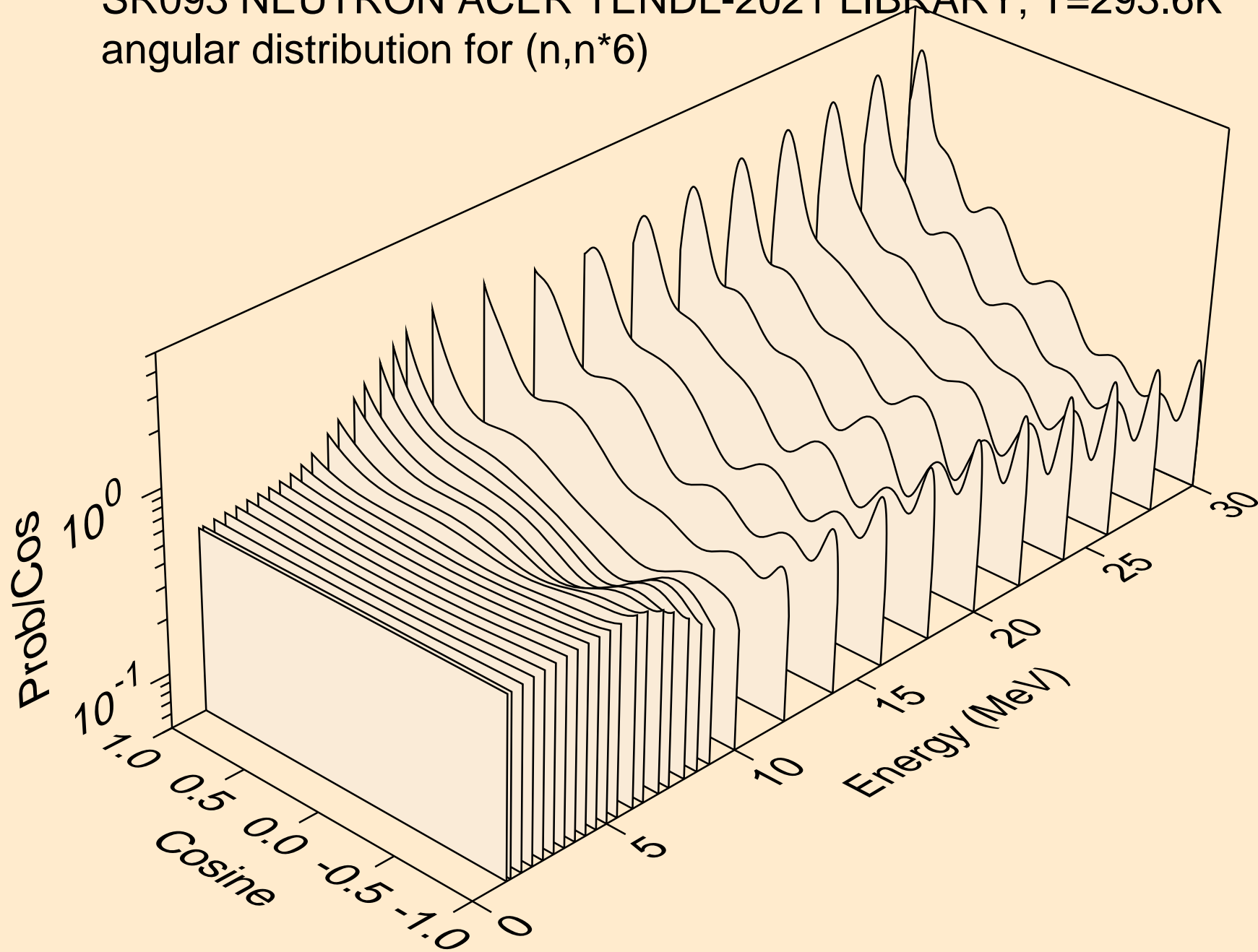
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angular distribution for (n,n\*4)



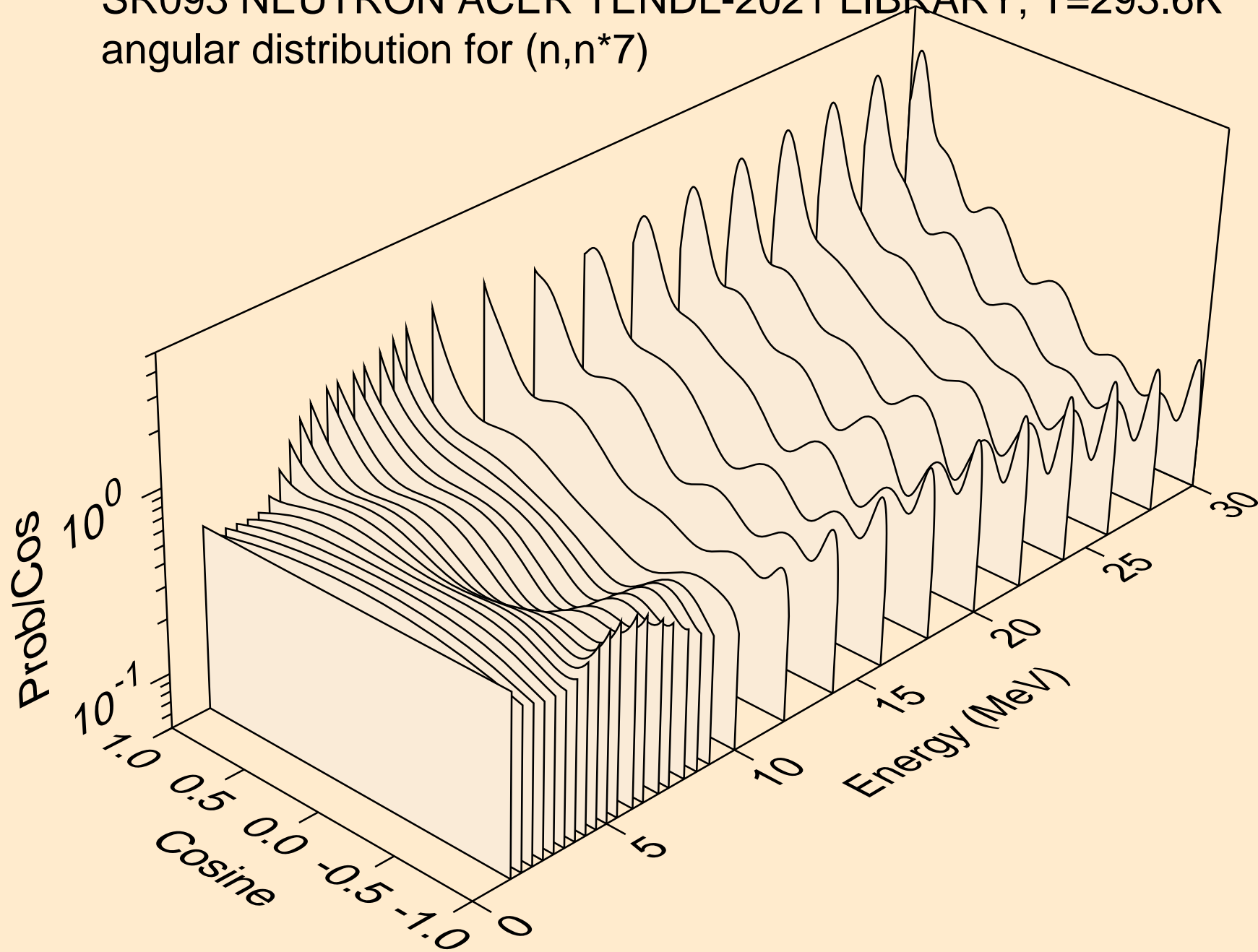
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angular distribution for (n,n\*5)



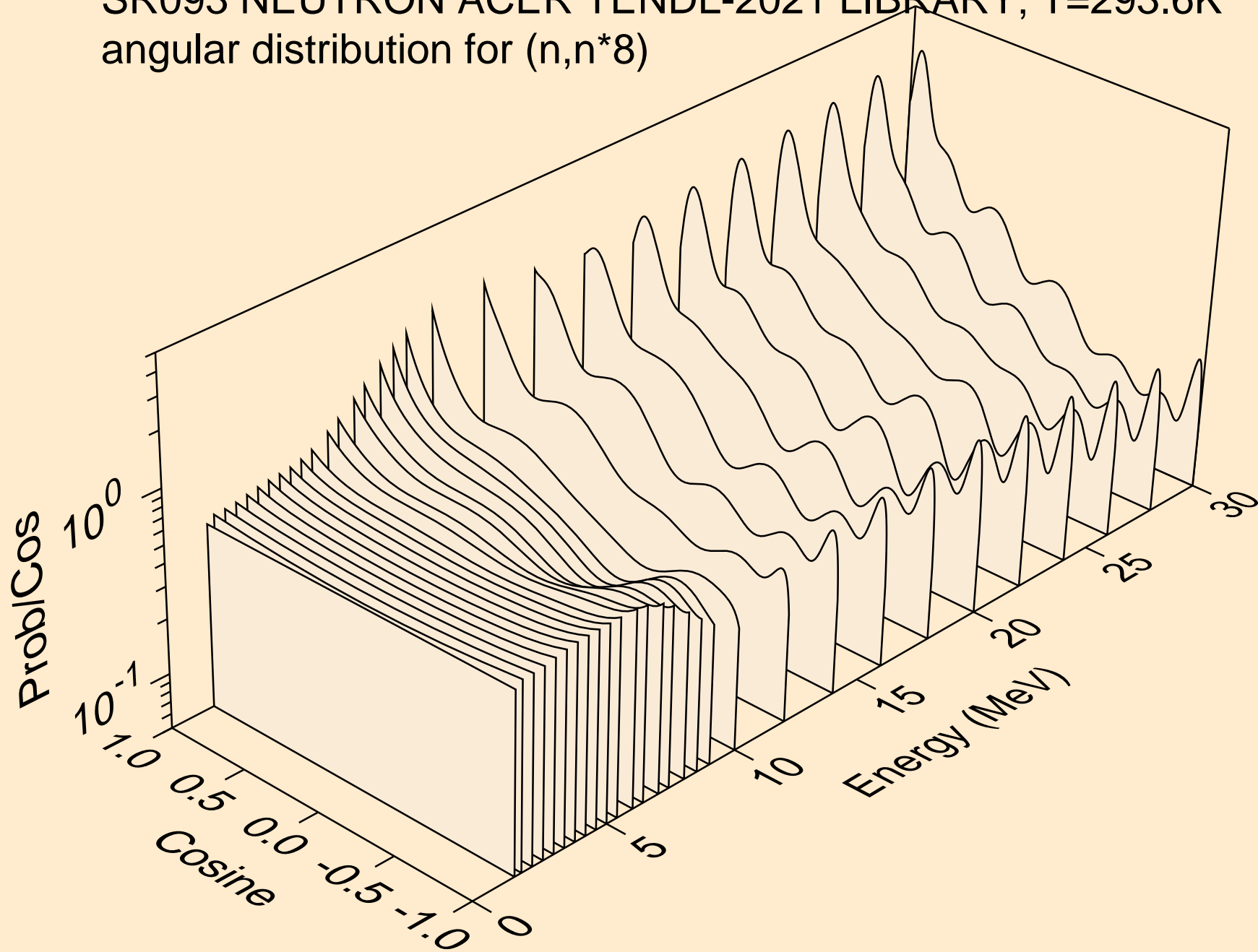
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angular distribution for (n,n\*6)



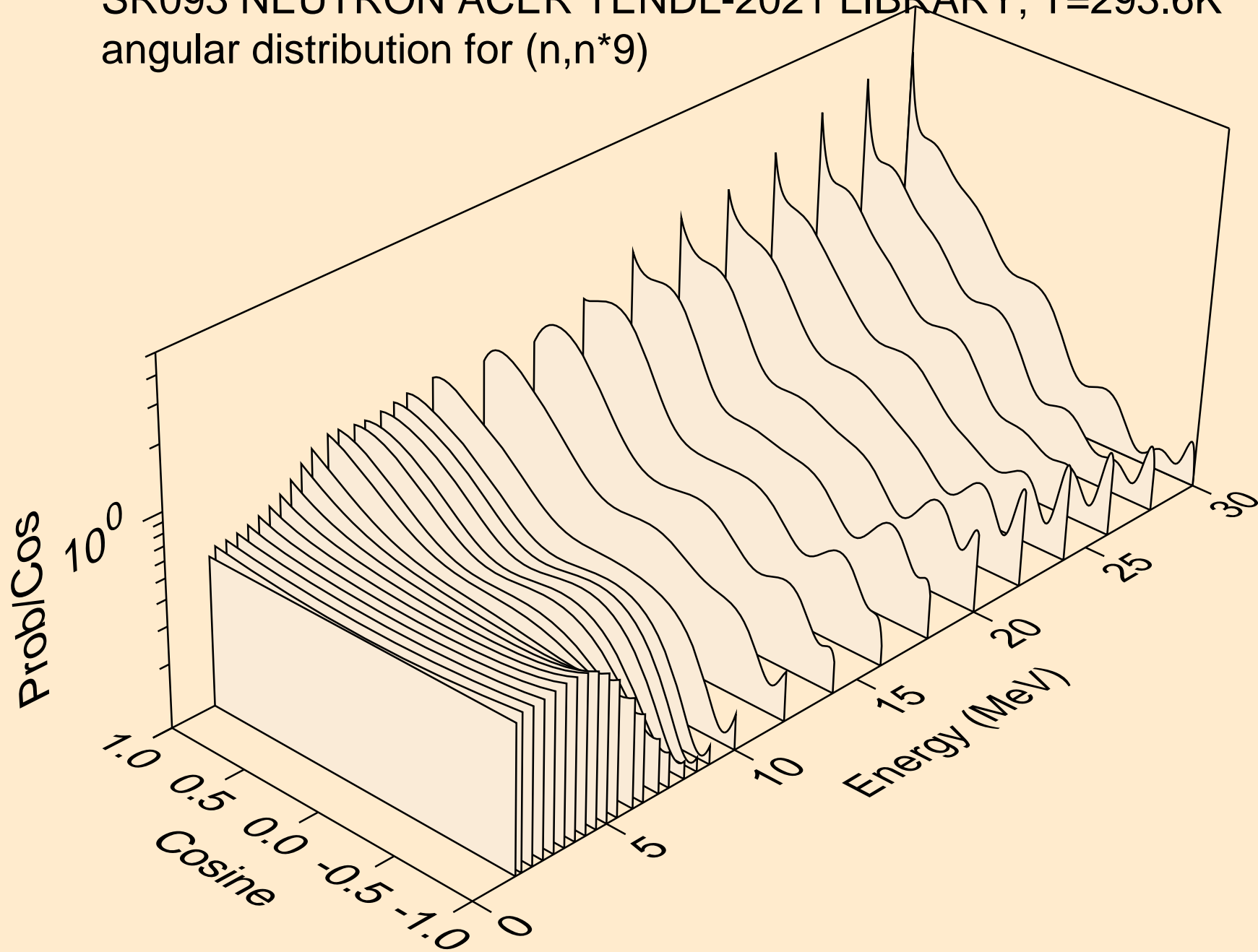
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angular distribution for (n,n\*7)



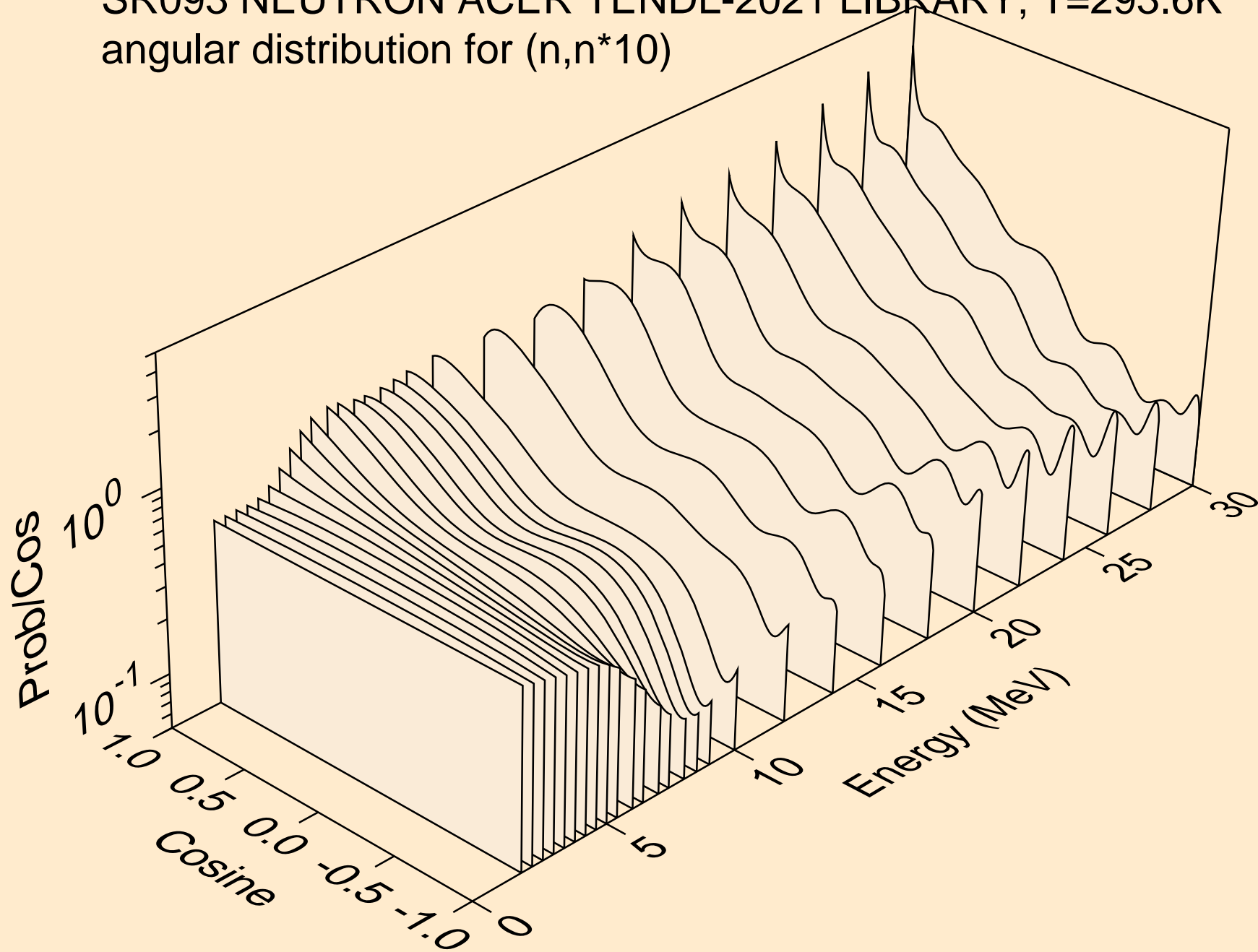
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

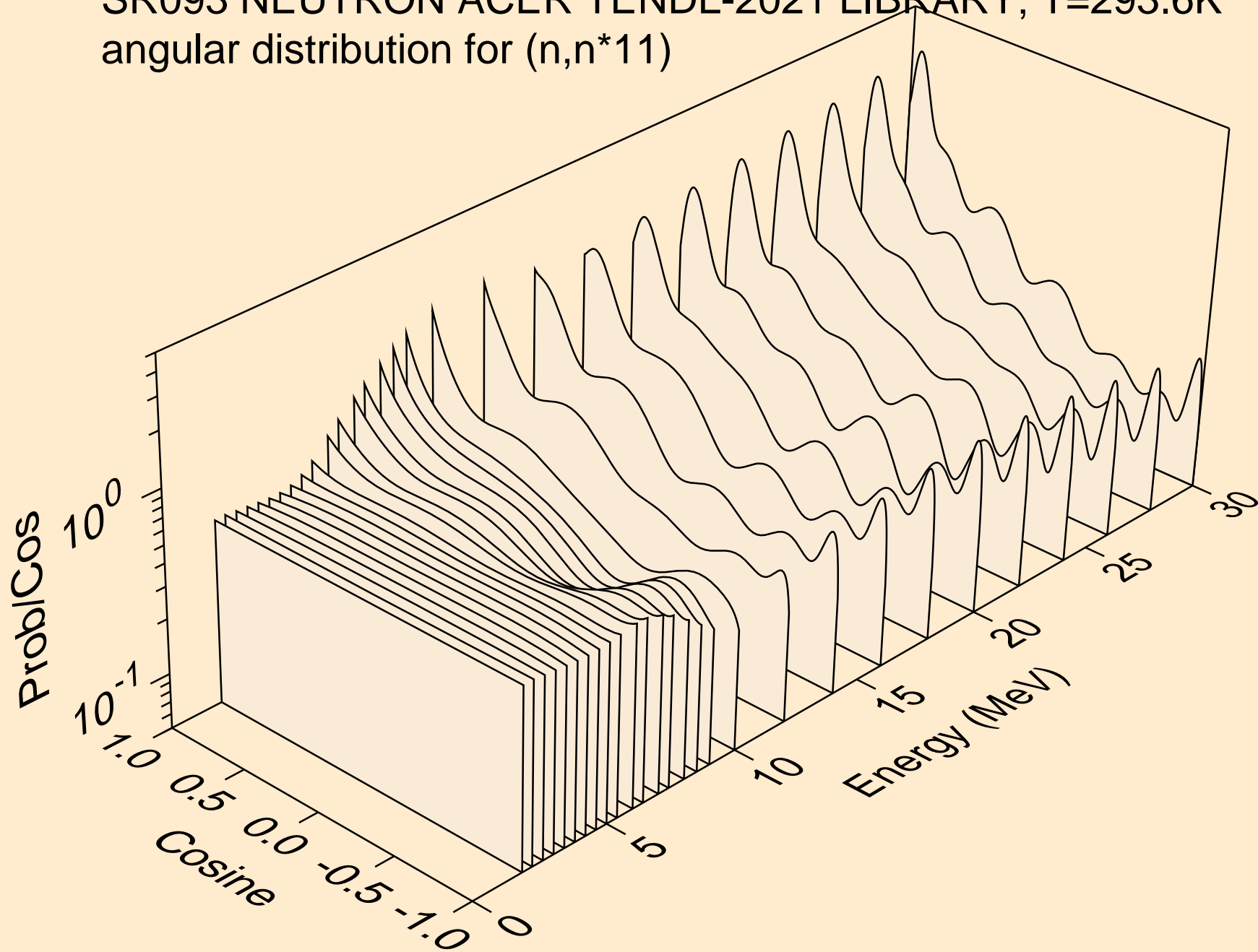


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

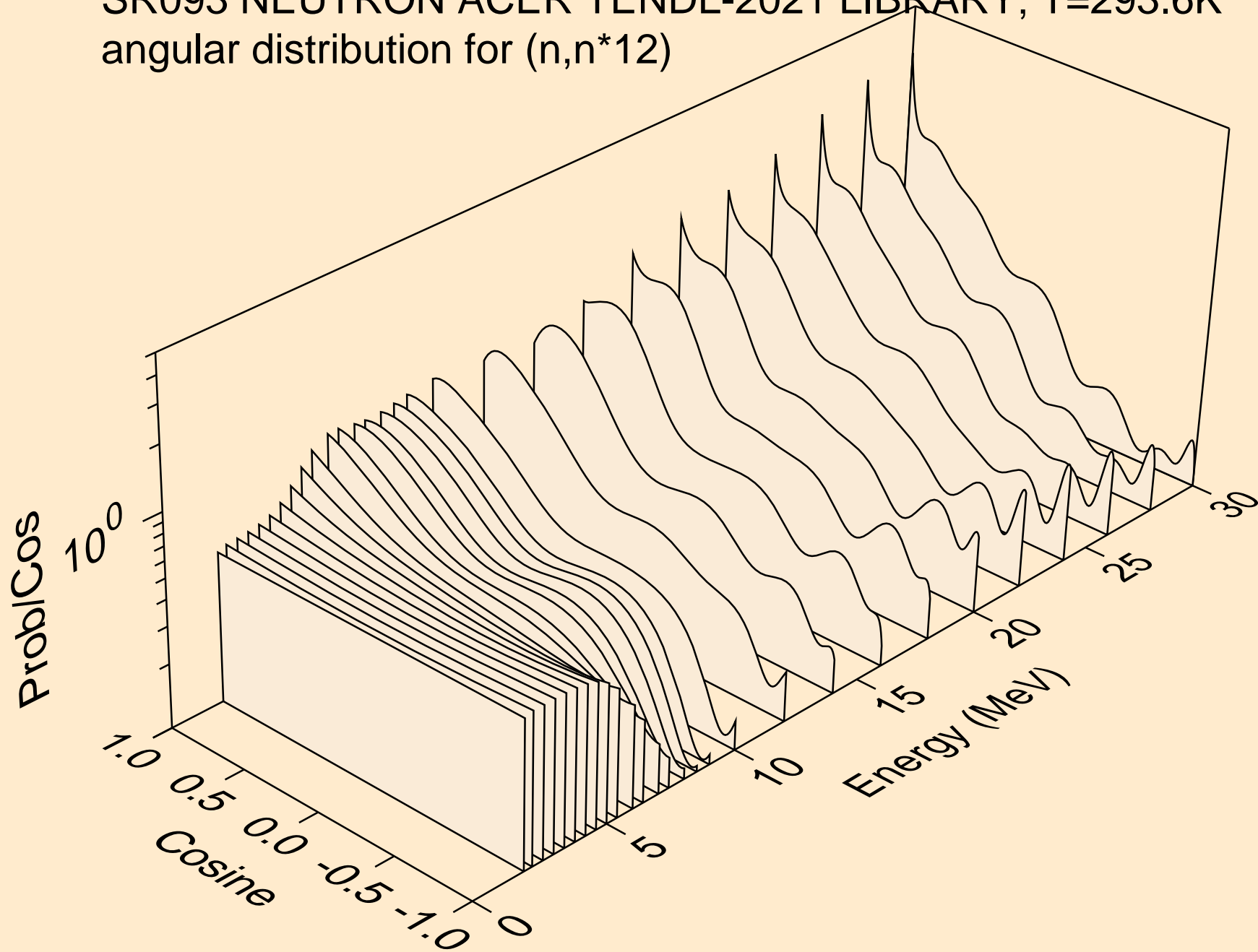




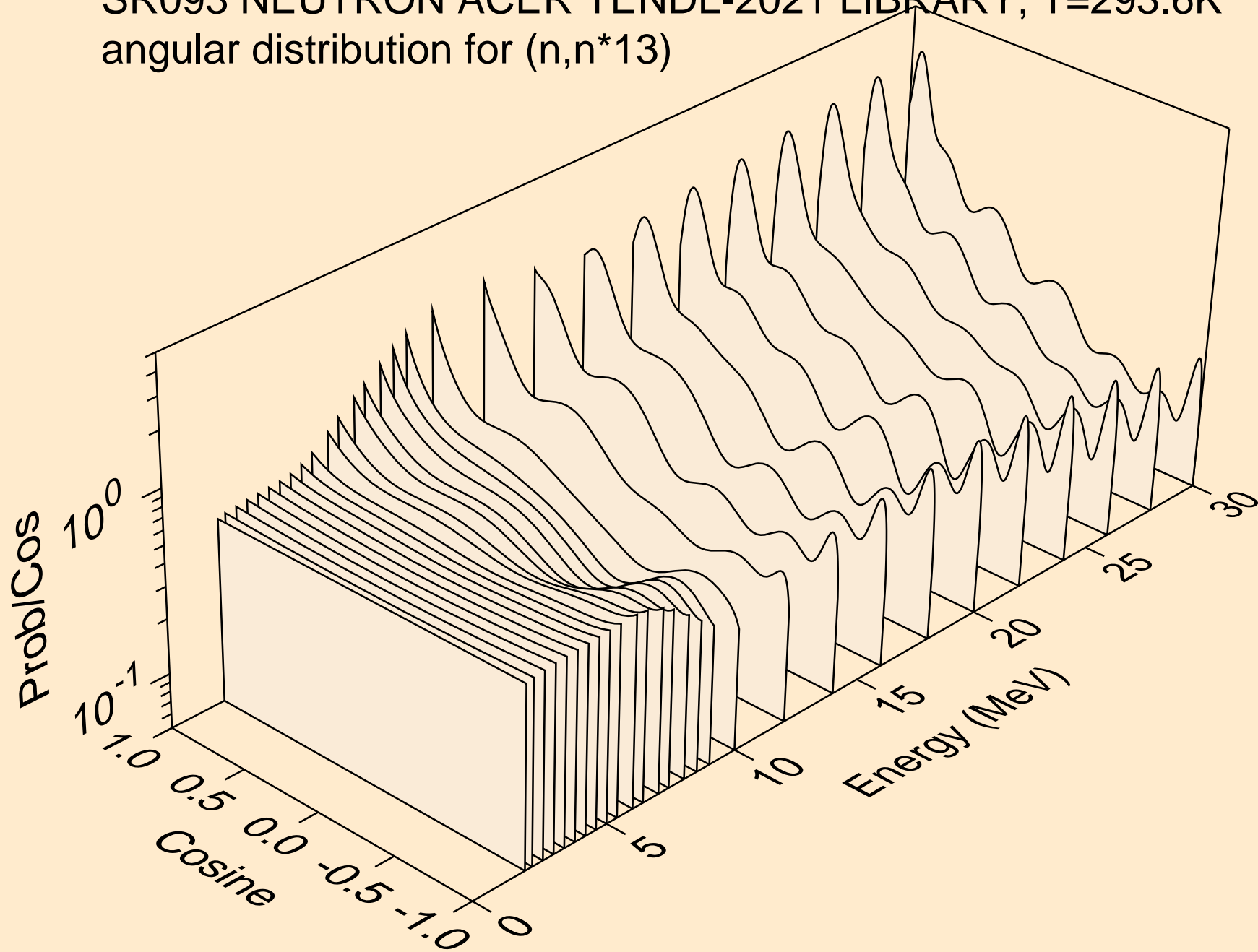
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angular distribution for (n,n\*11)



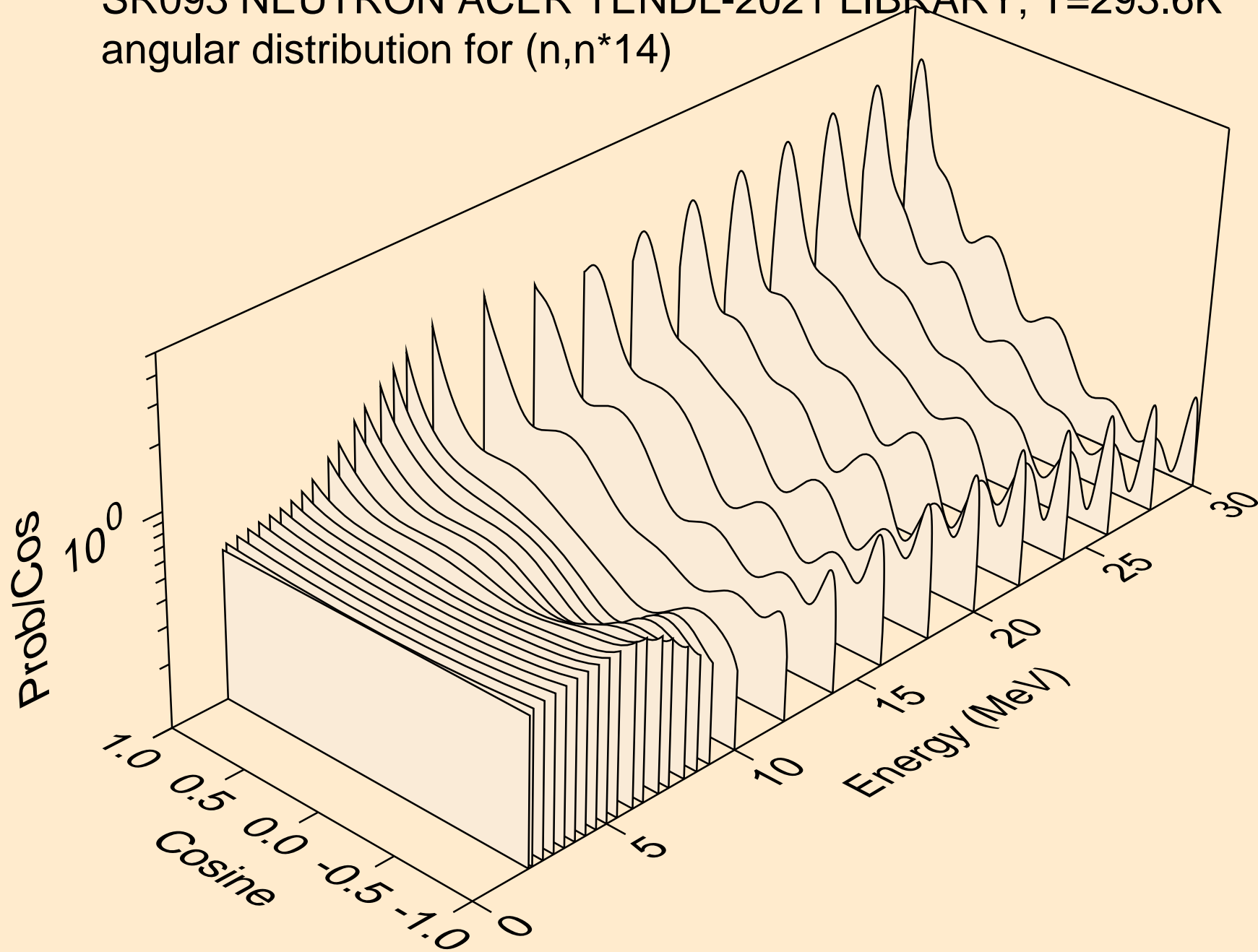
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angular distribution for (n,n\*12)



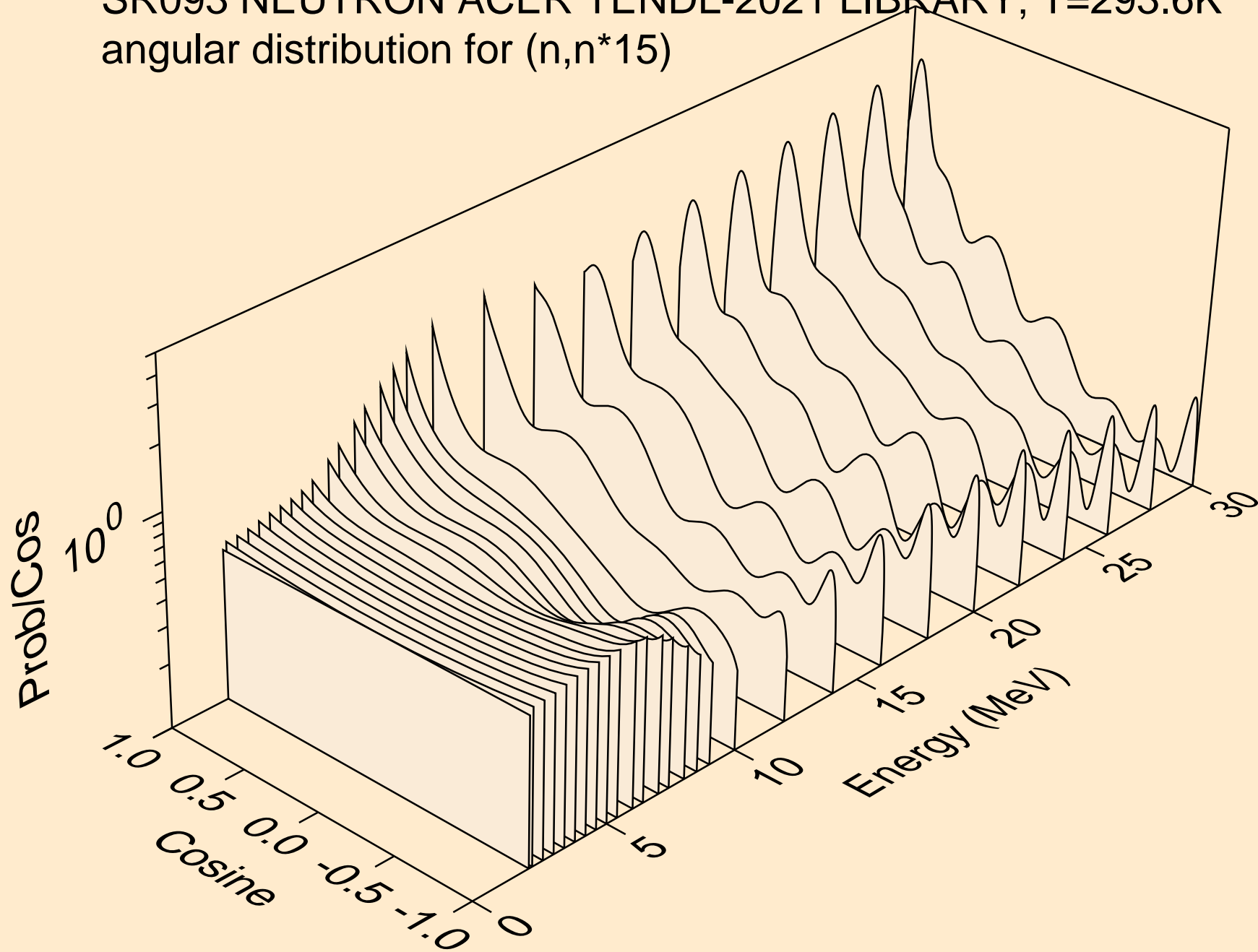
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angular distribution for (n,n\*13)



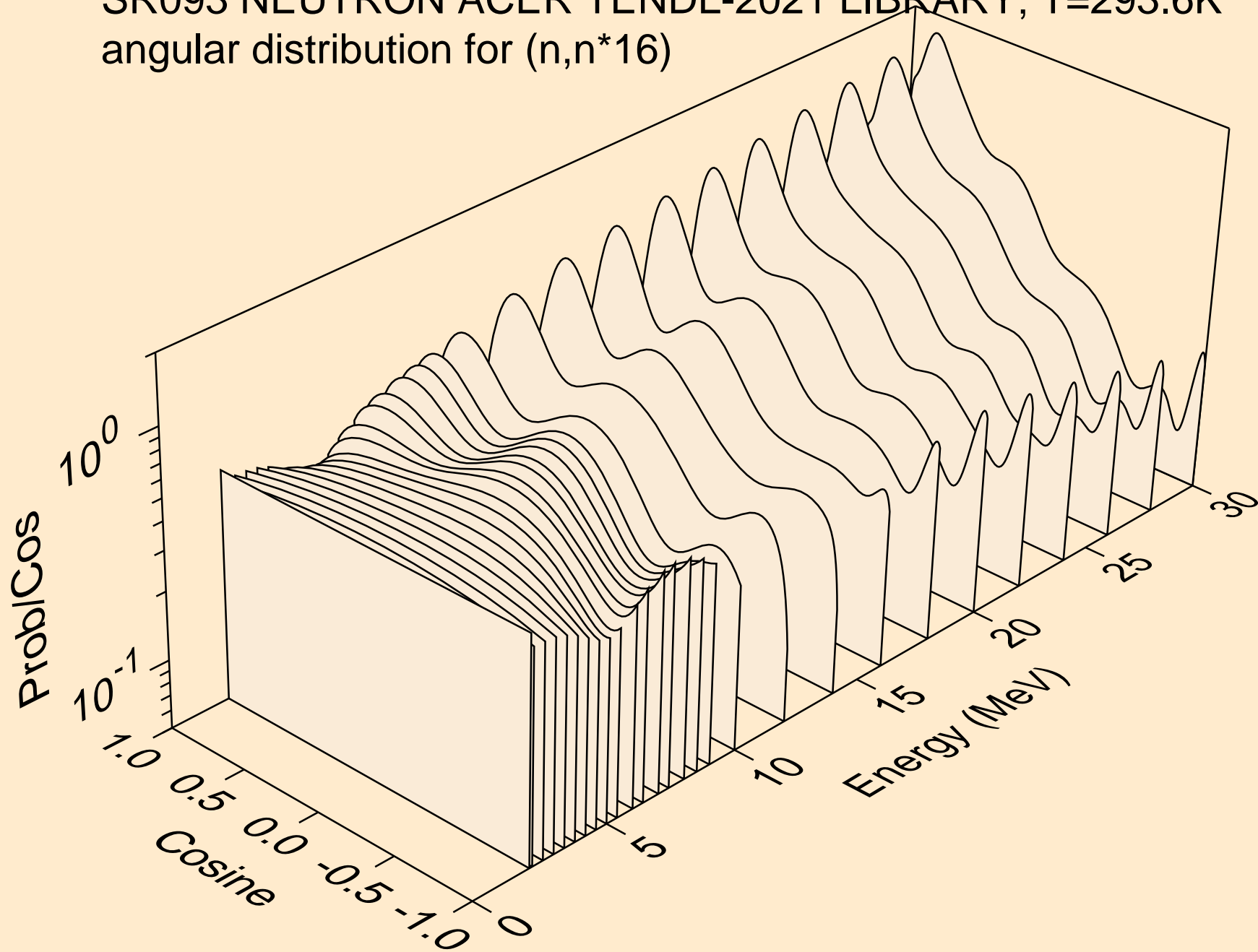
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angular distribution for (n,n\*14)



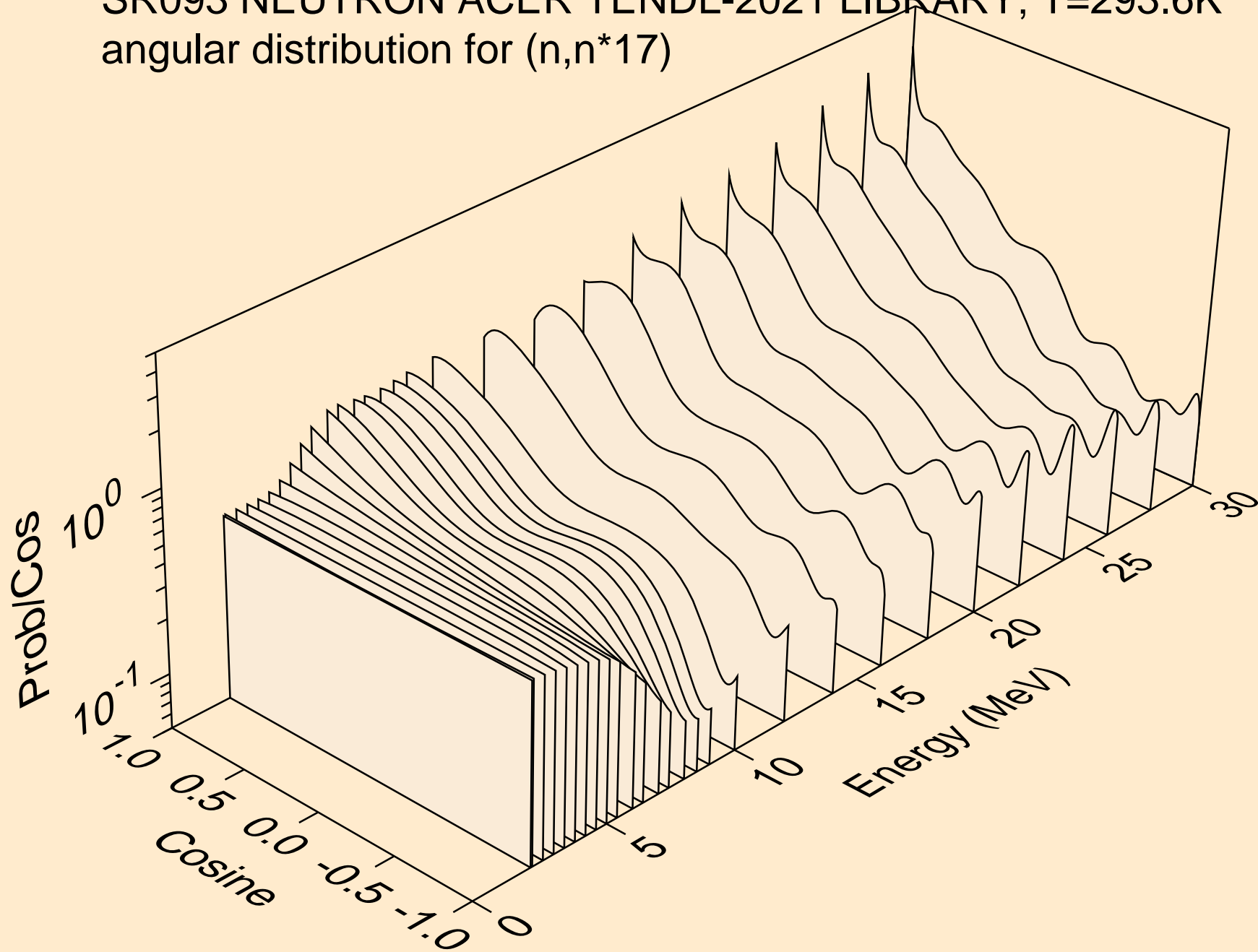
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angular distribution for (n,n\*15)



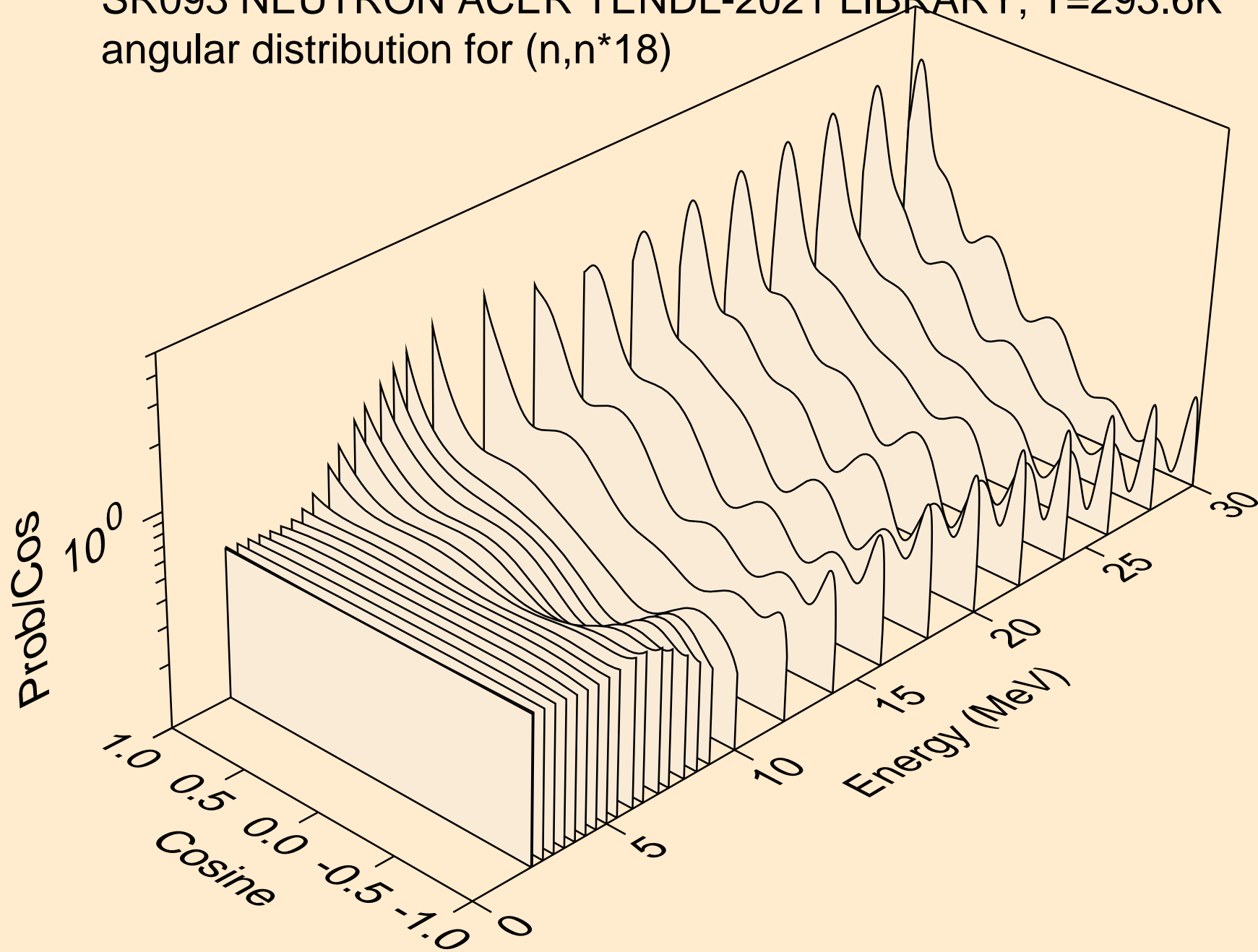
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

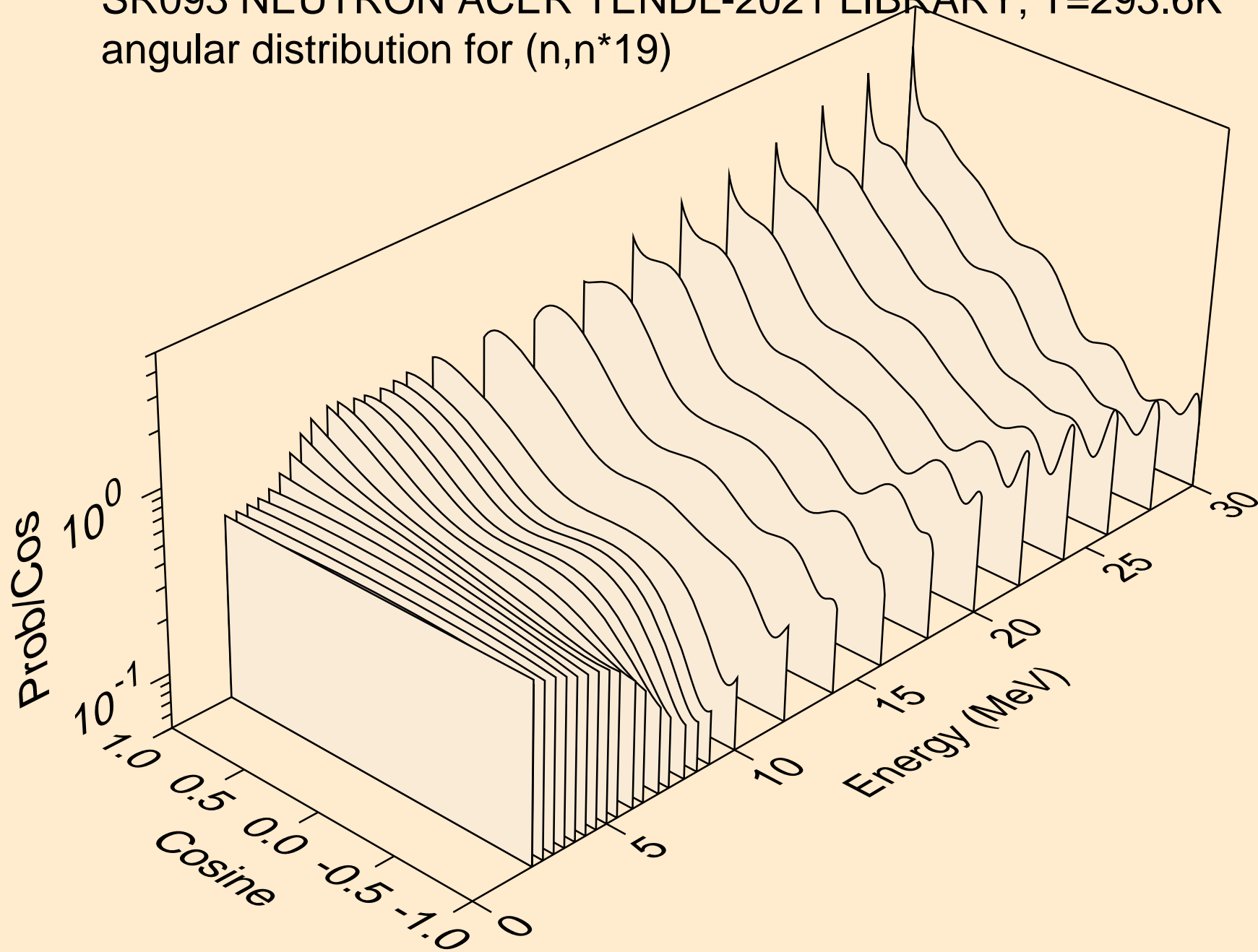


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

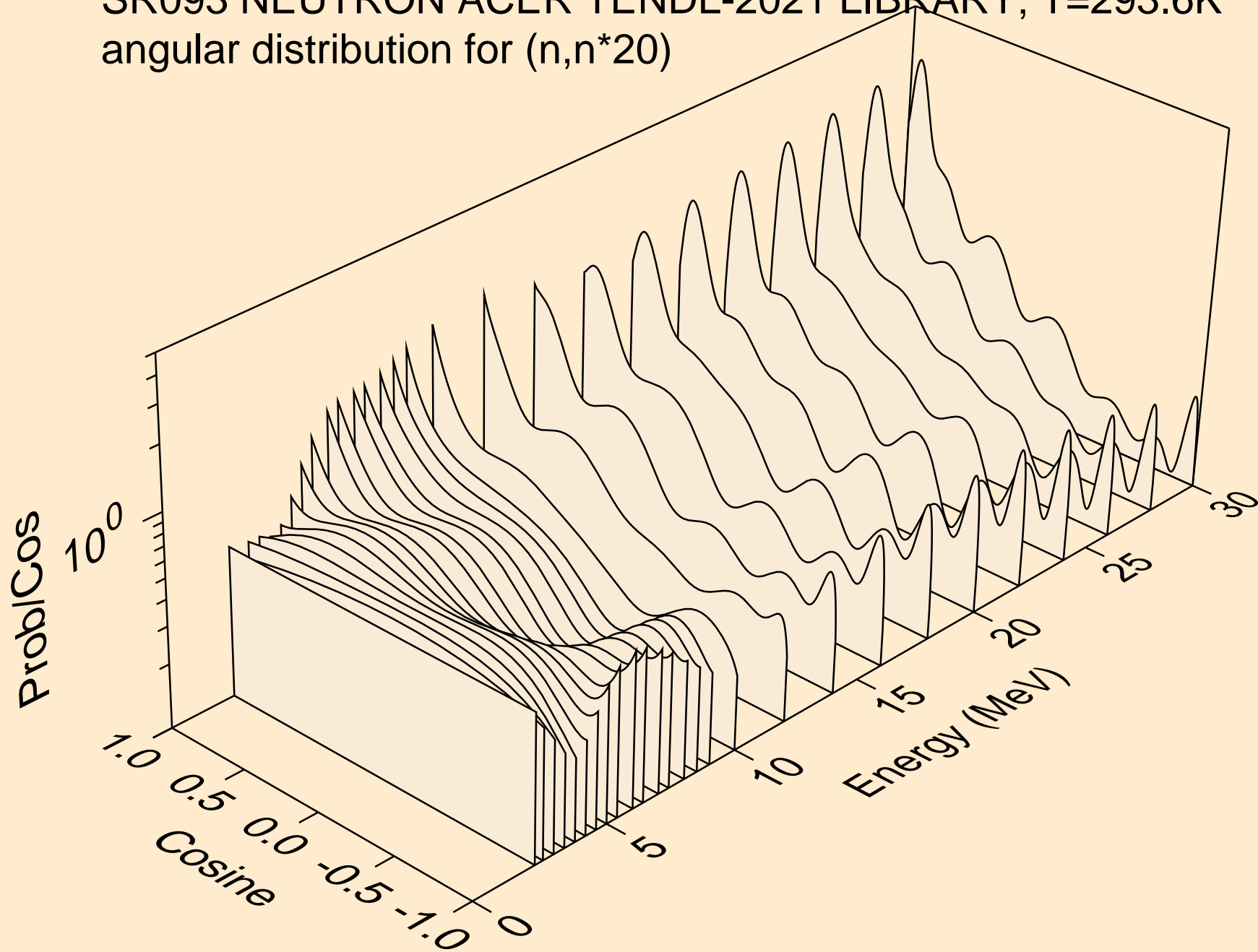




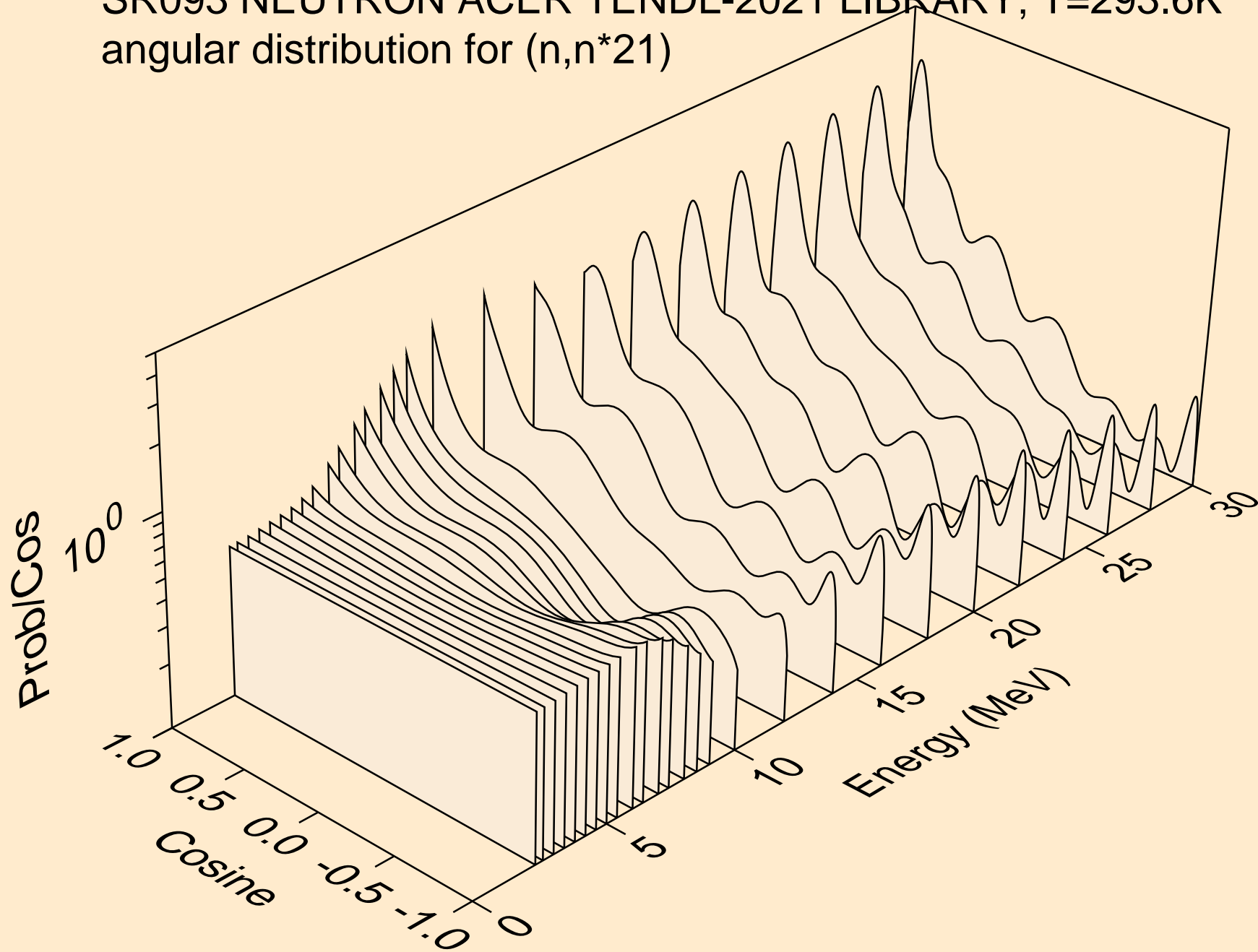
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angular distribution for (n,n\*19)



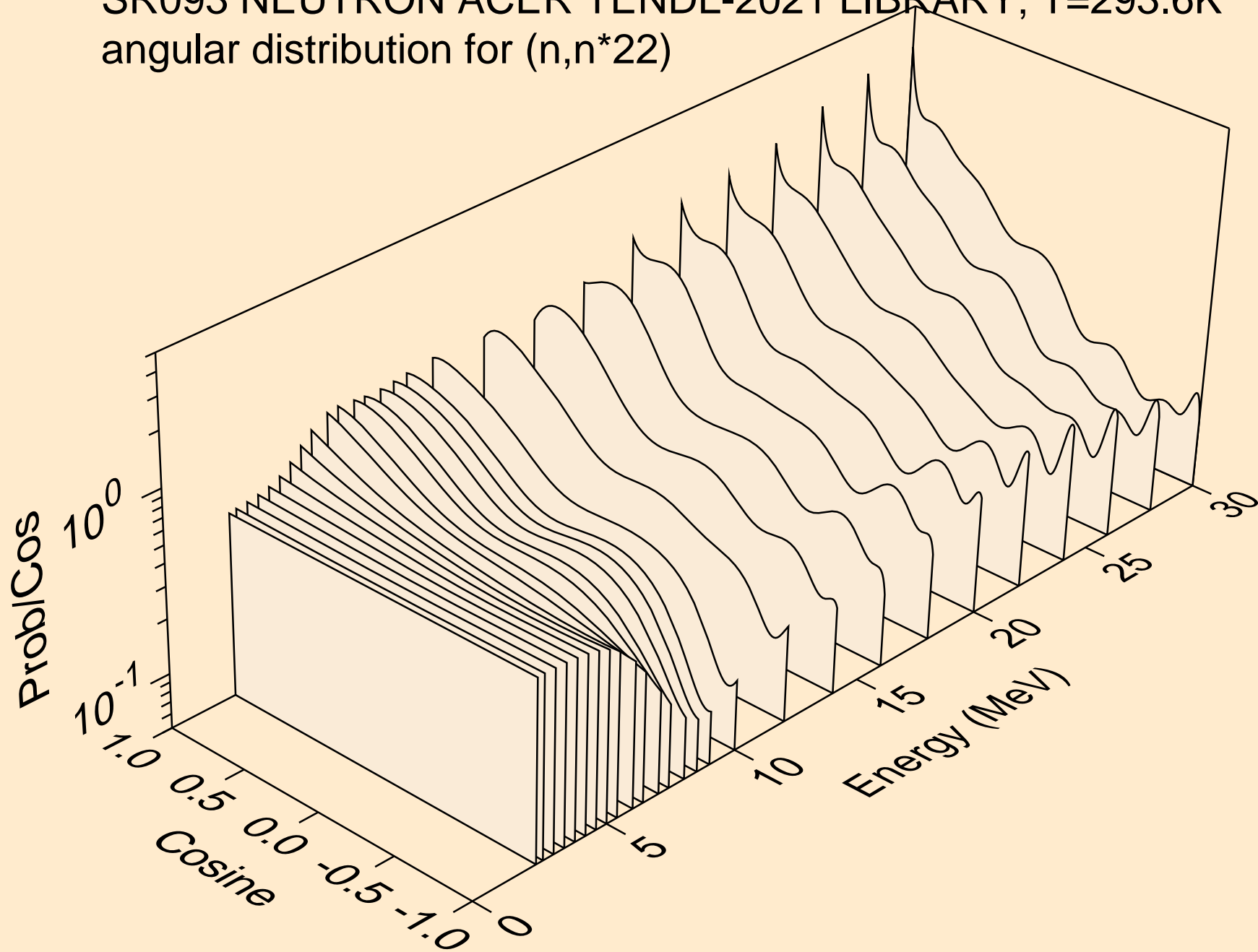
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angular distribution for (n,n\*20)



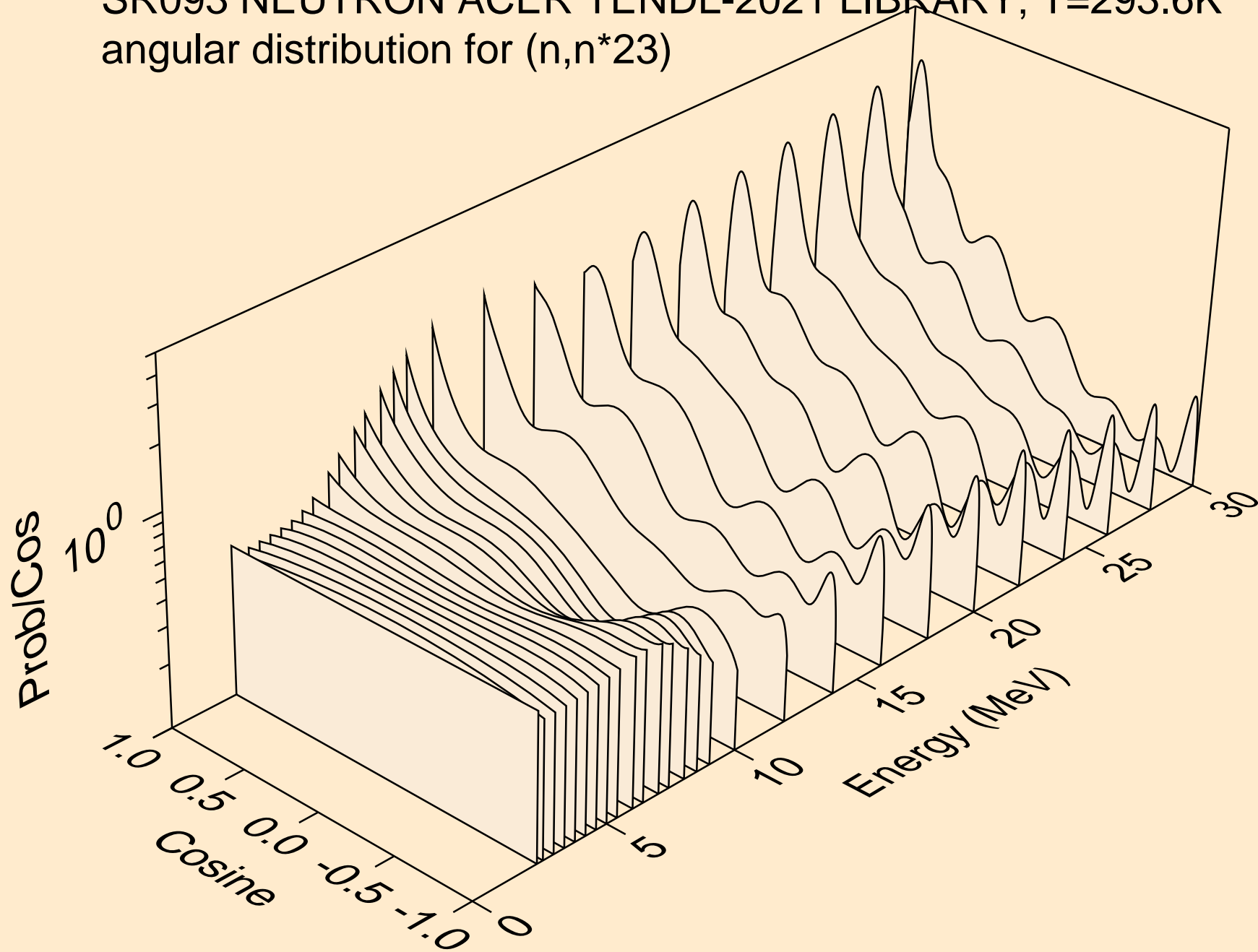
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angular distribution for (n,n\*21)



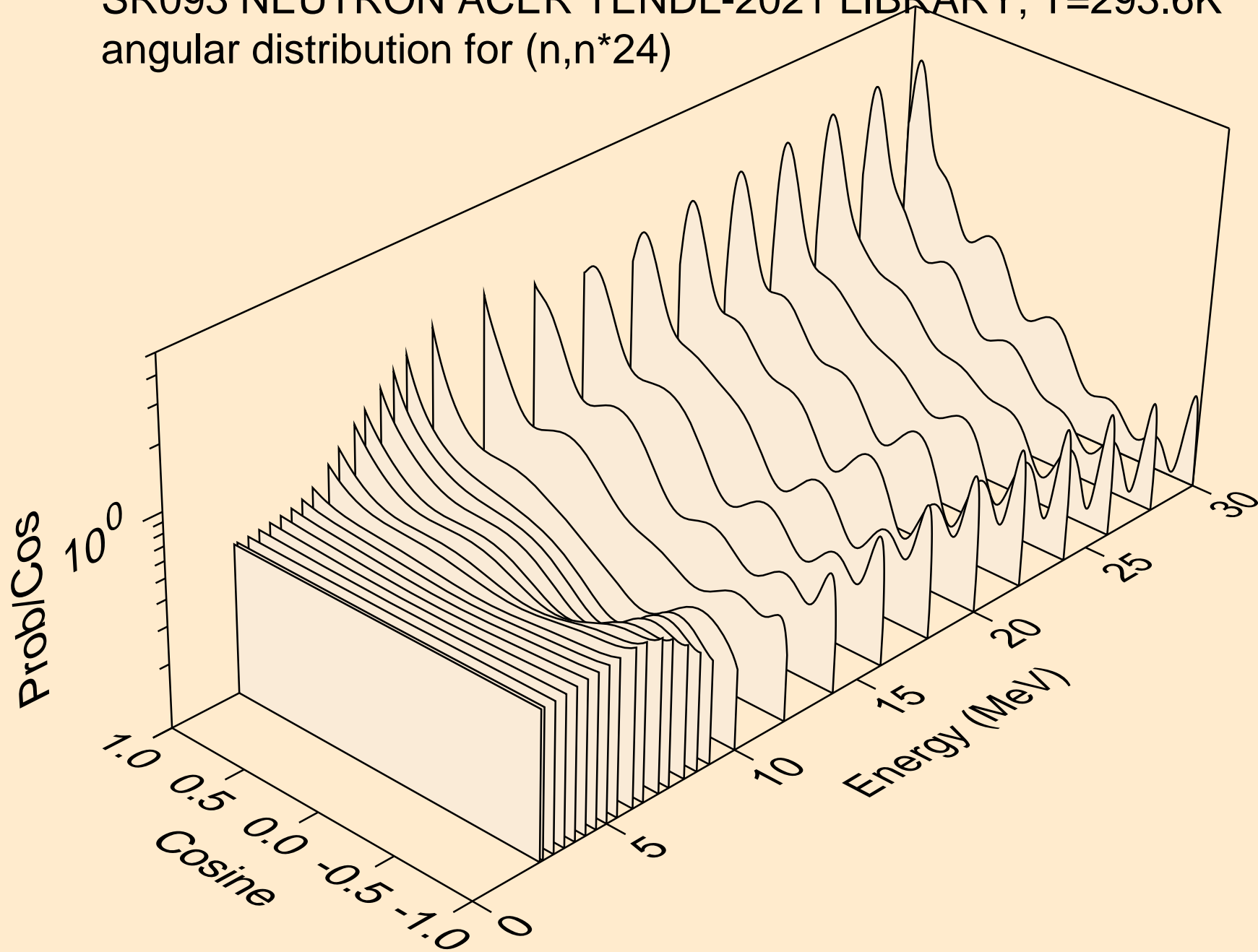
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angular distribution for (n,n\*22)



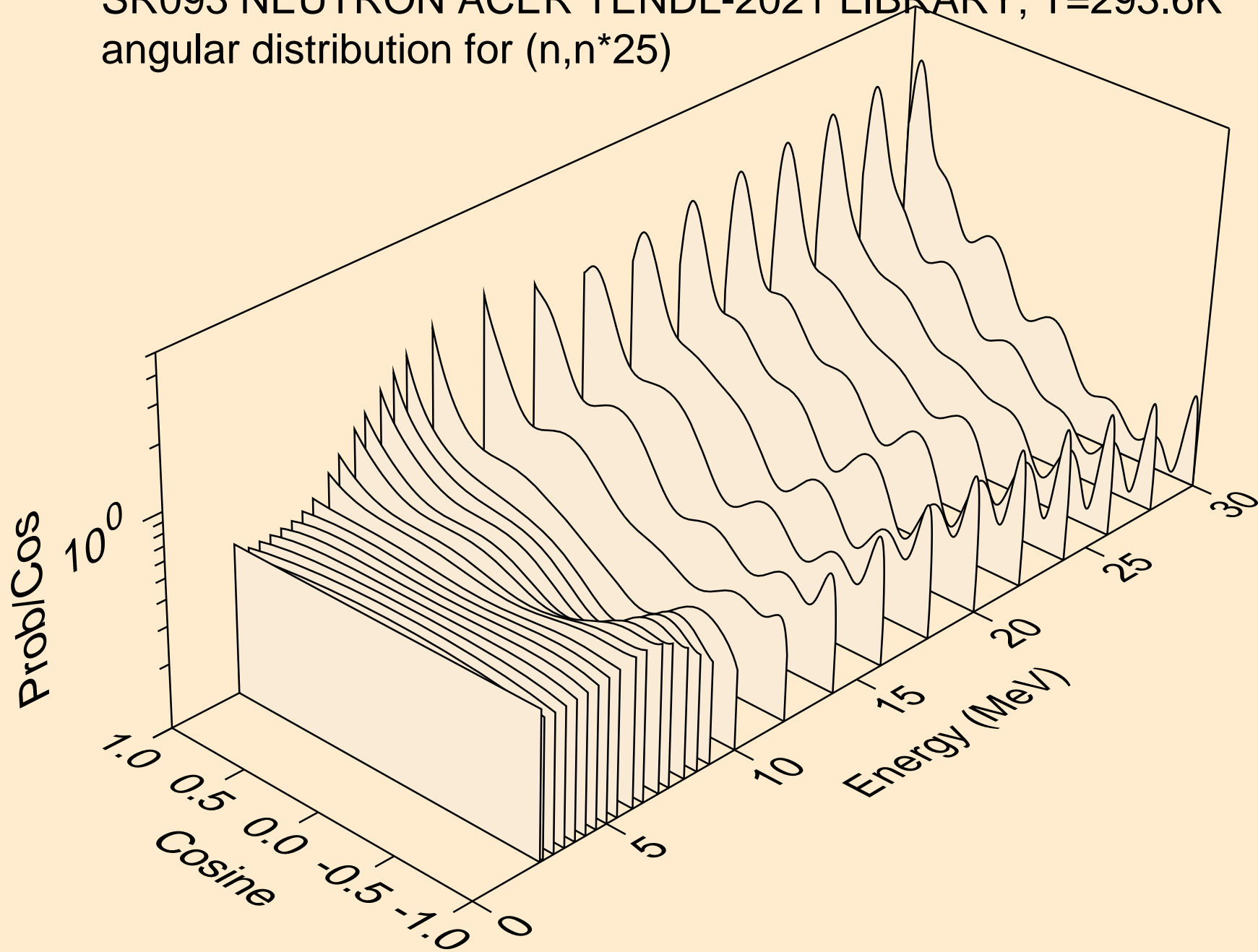
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angular distribution for (n,n\*23)



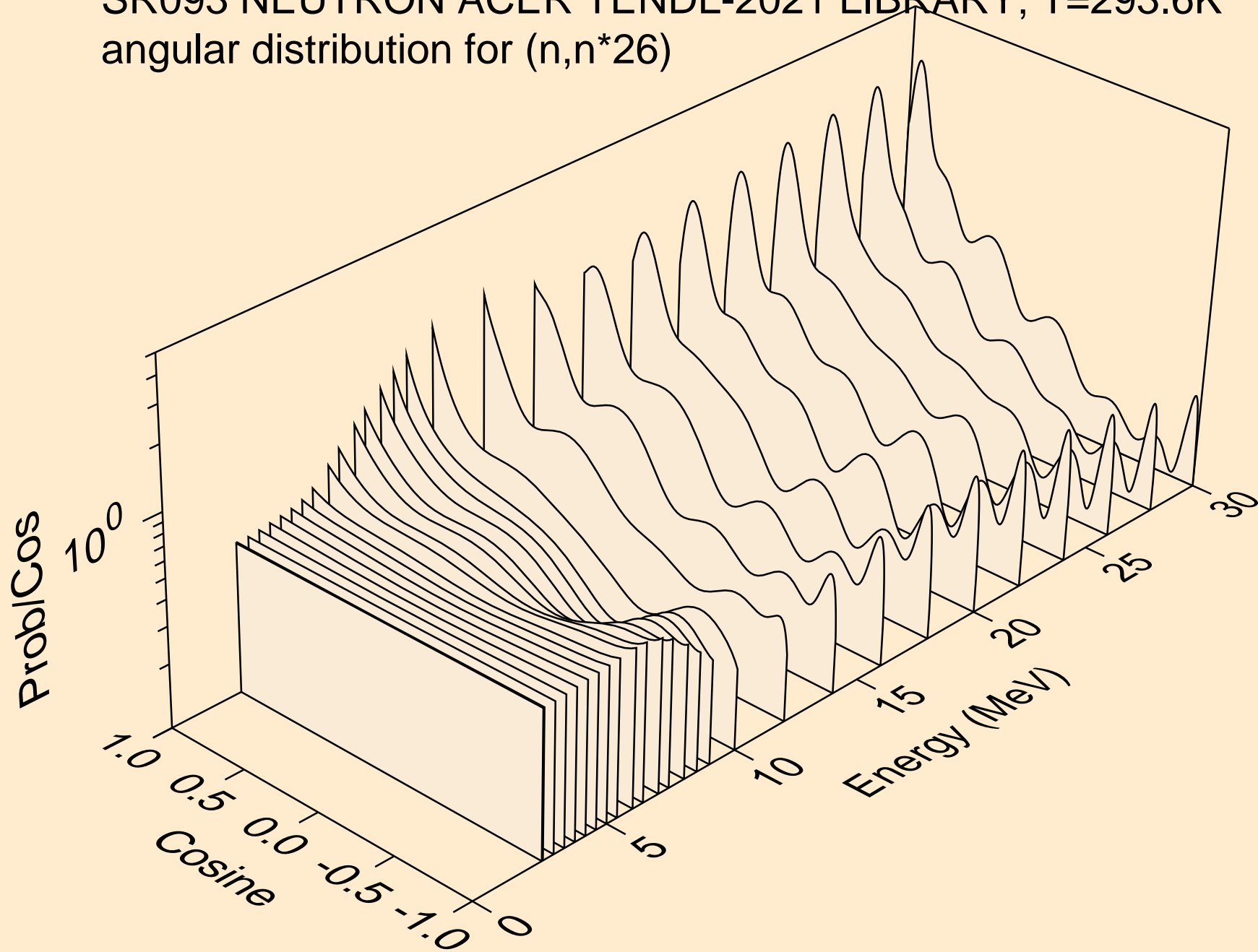
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

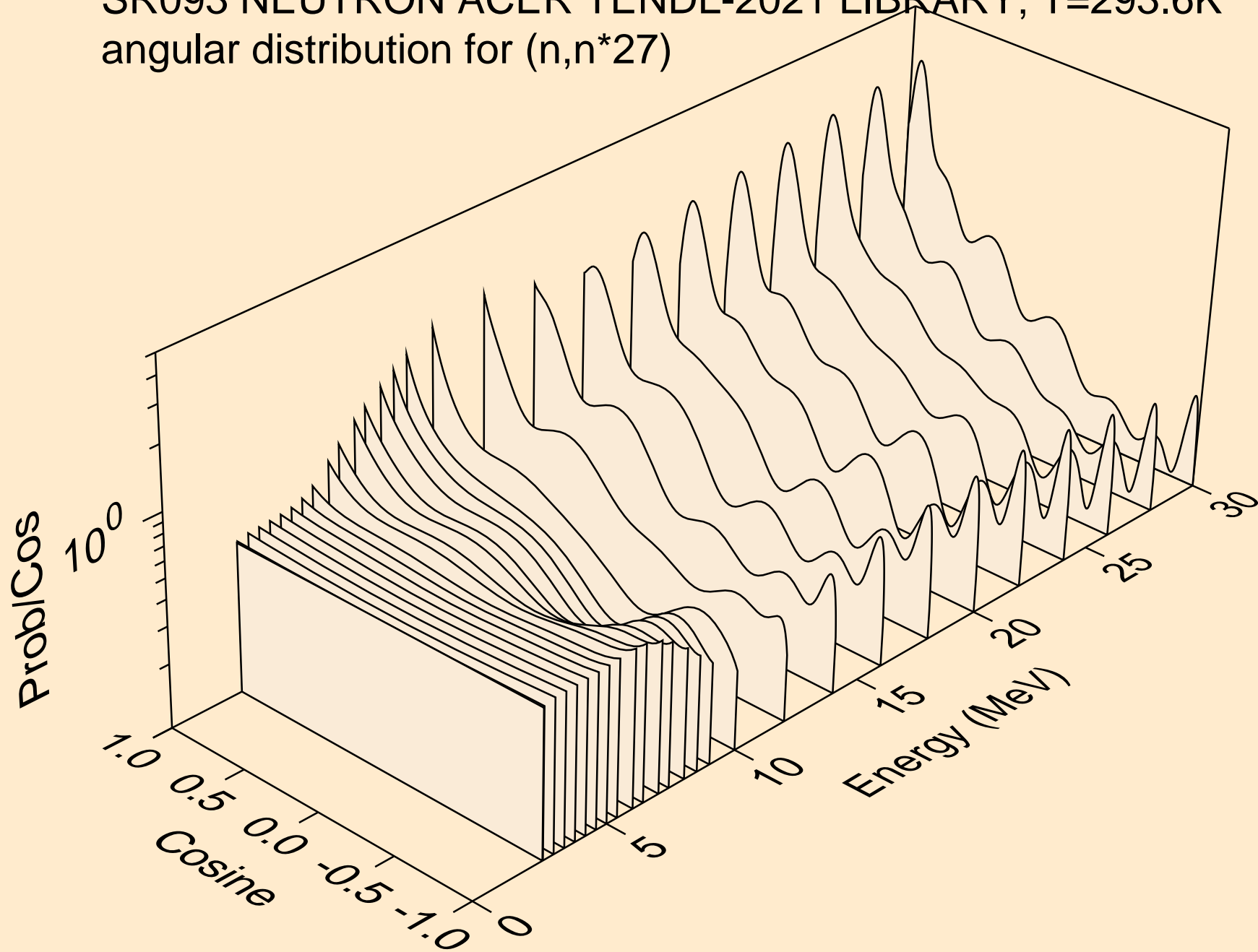


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)

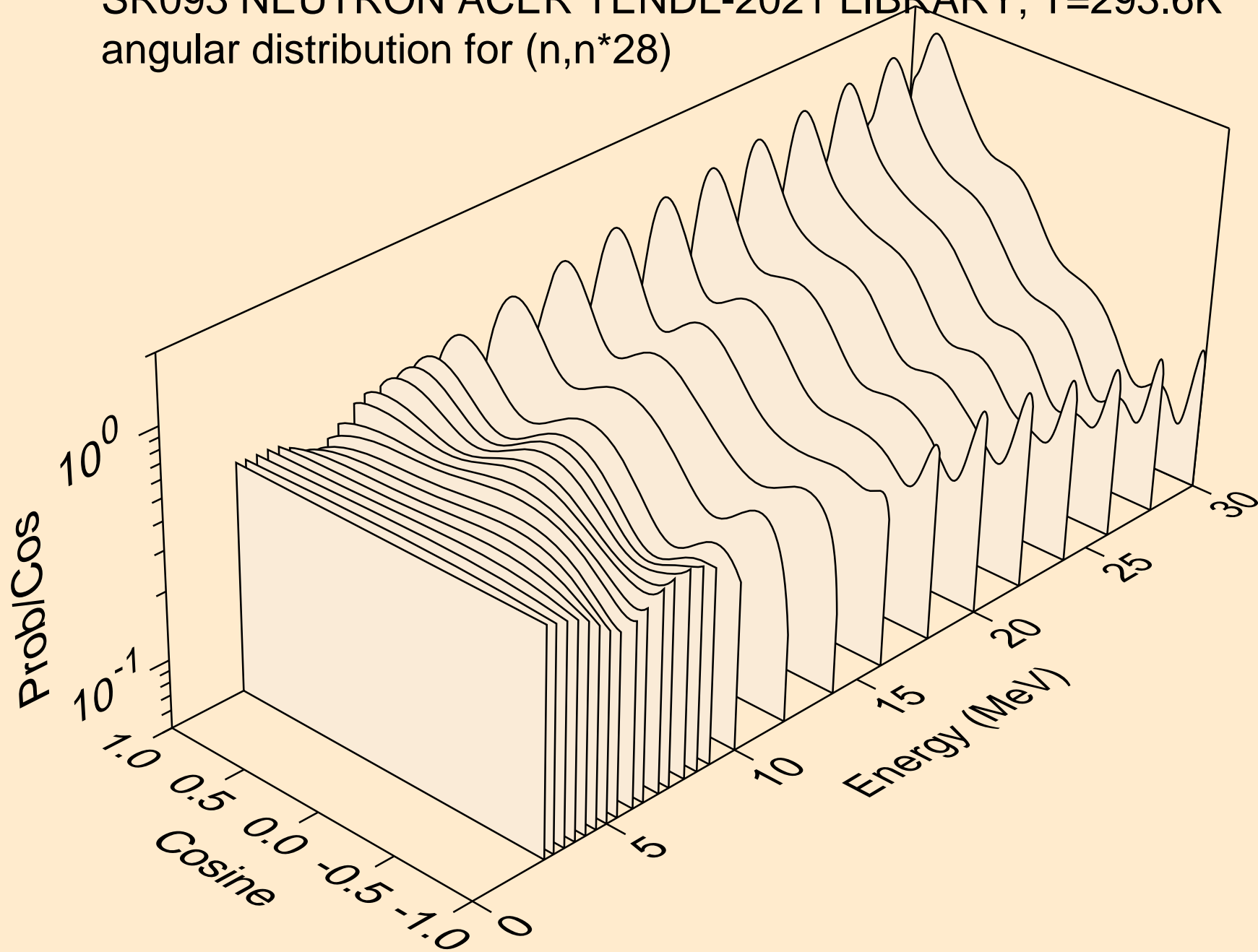




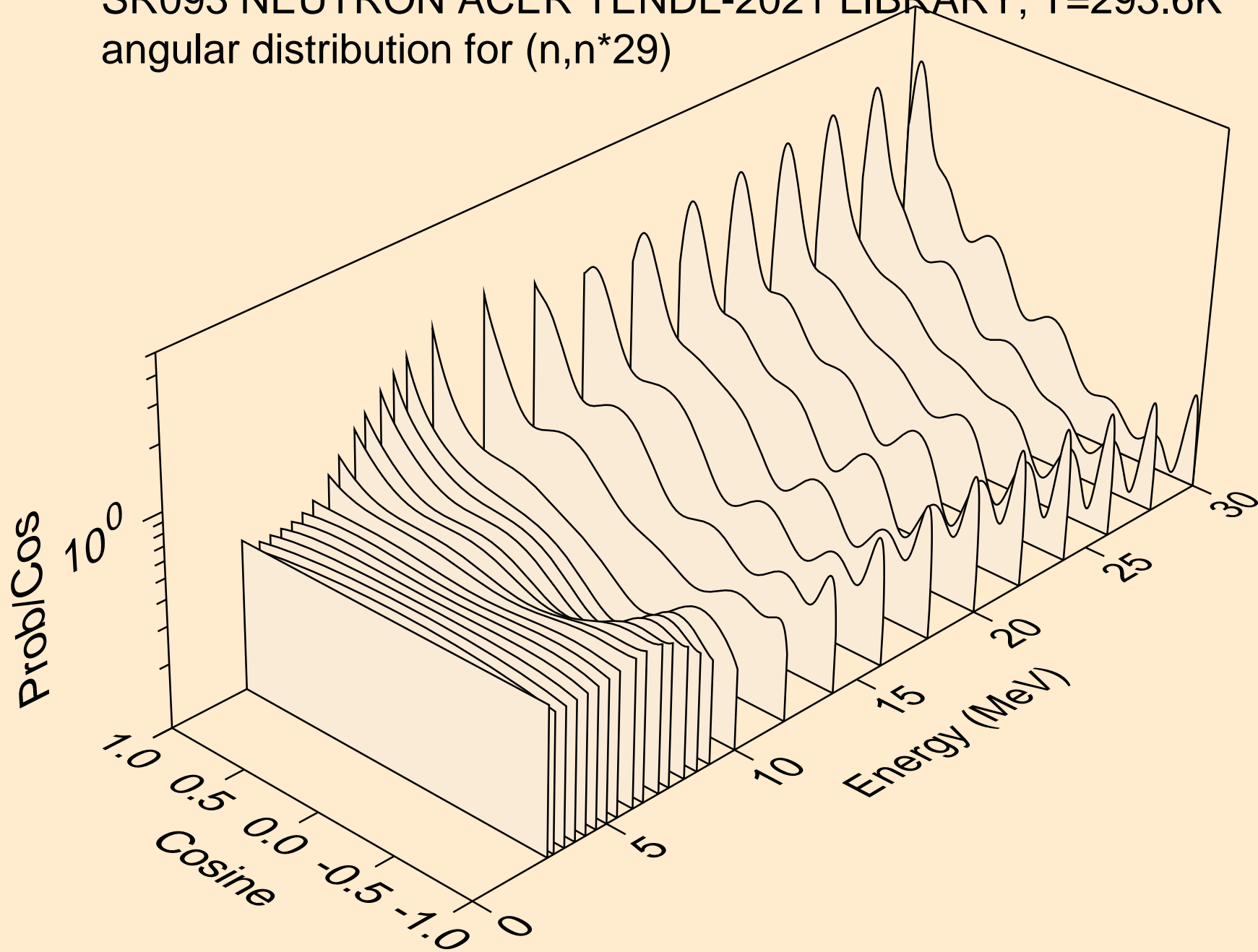
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angular distribution for (n,n\*27)



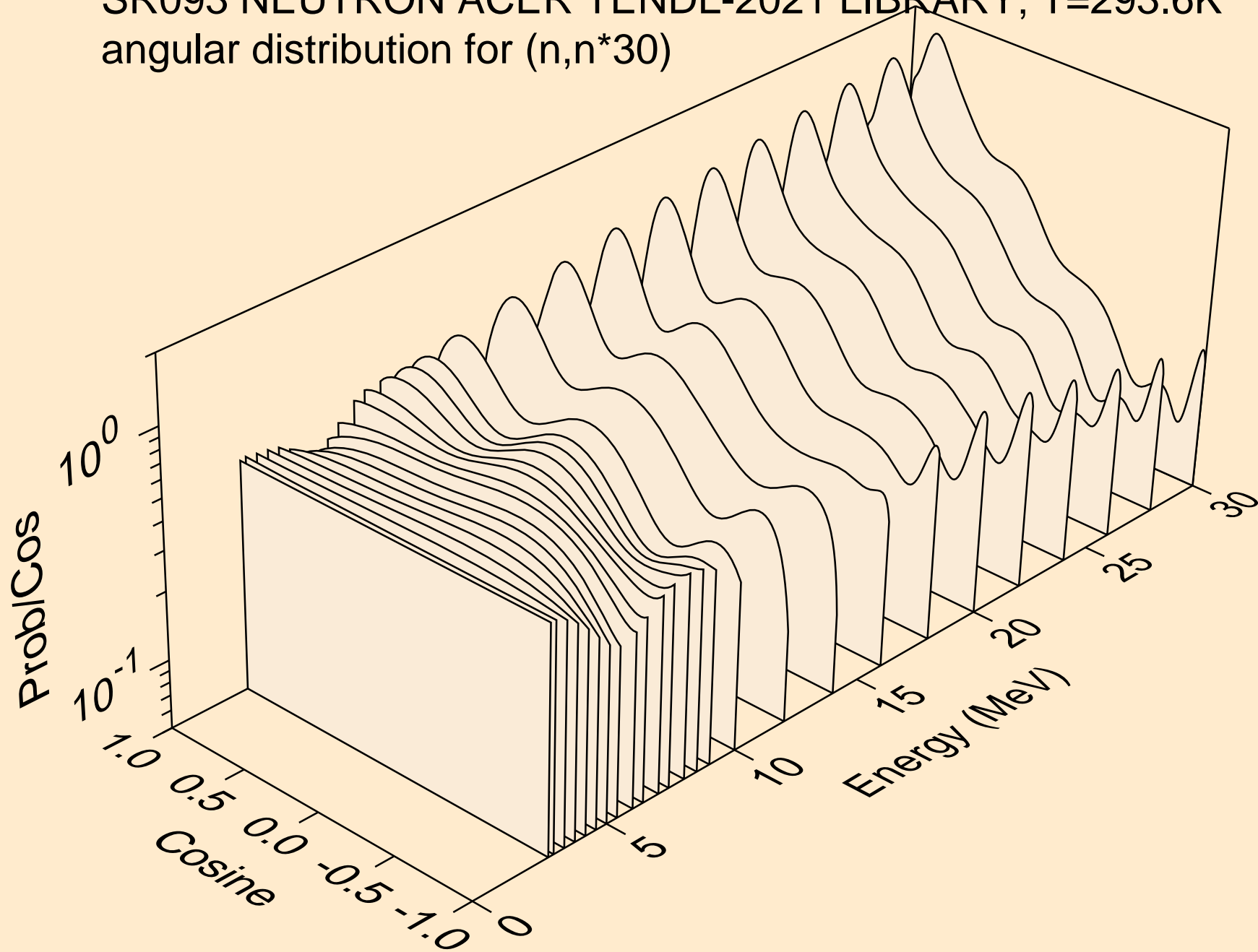
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angular distribution for (n,n\*28)



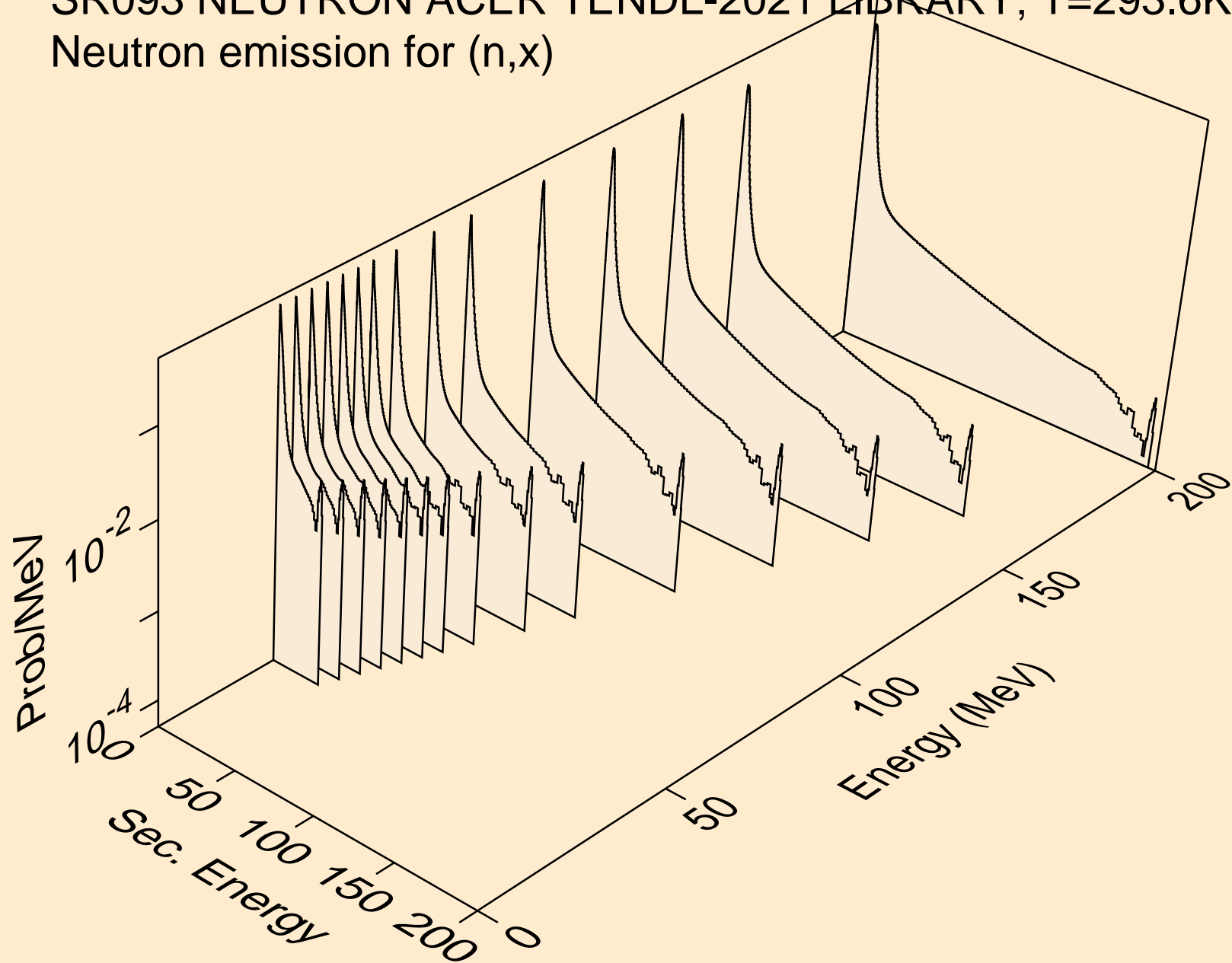
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angular distribution for (n,n\*29)



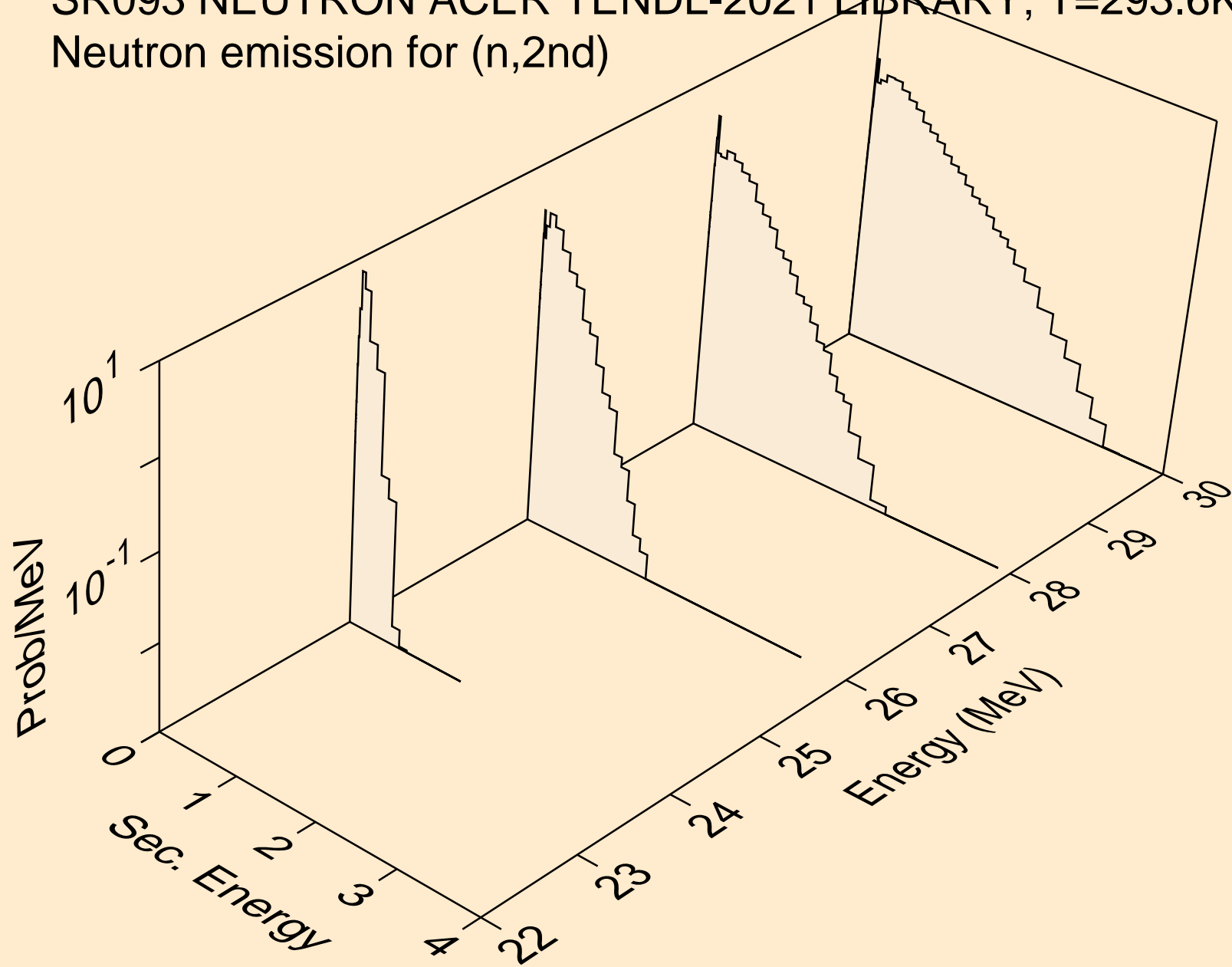
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



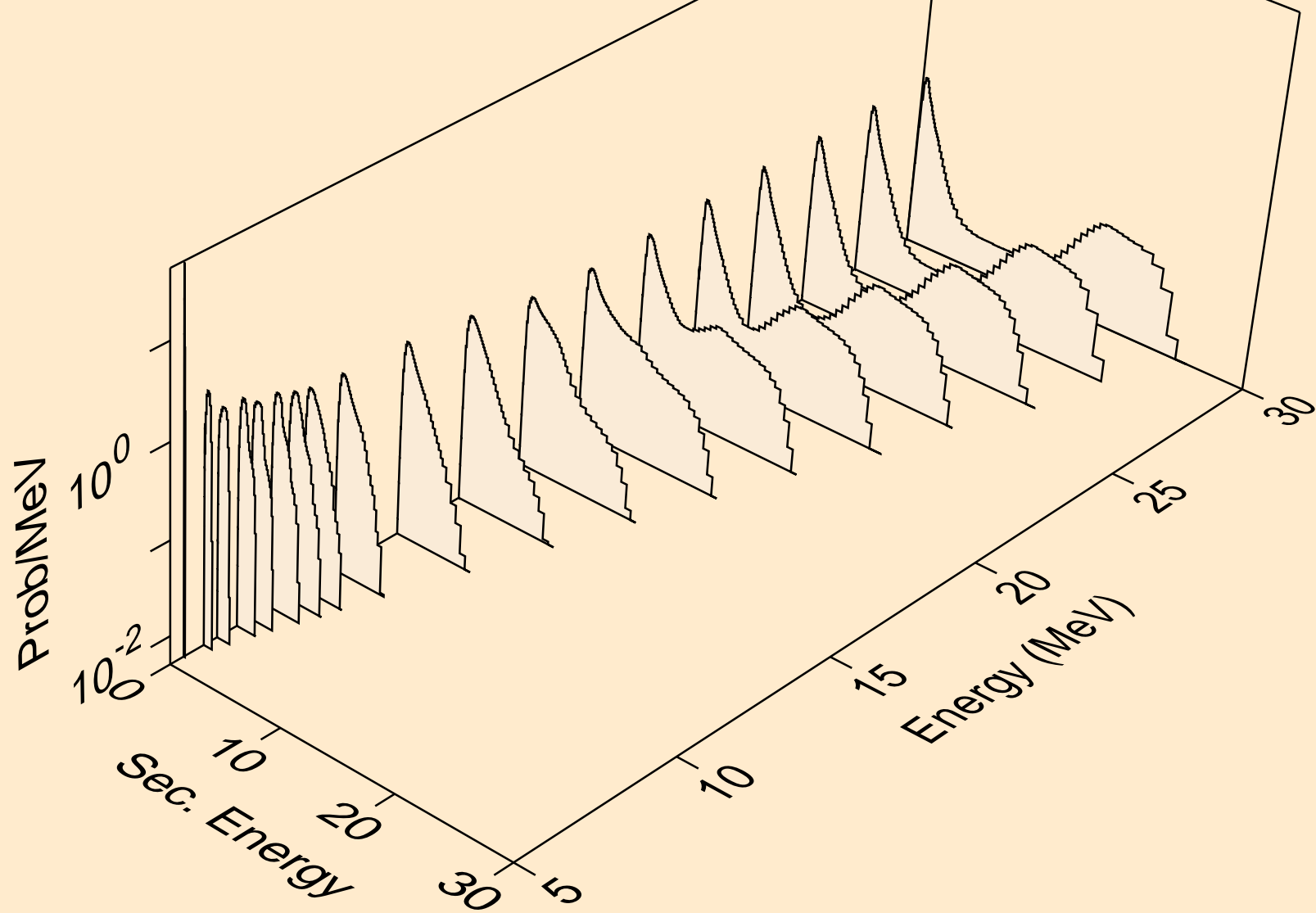
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



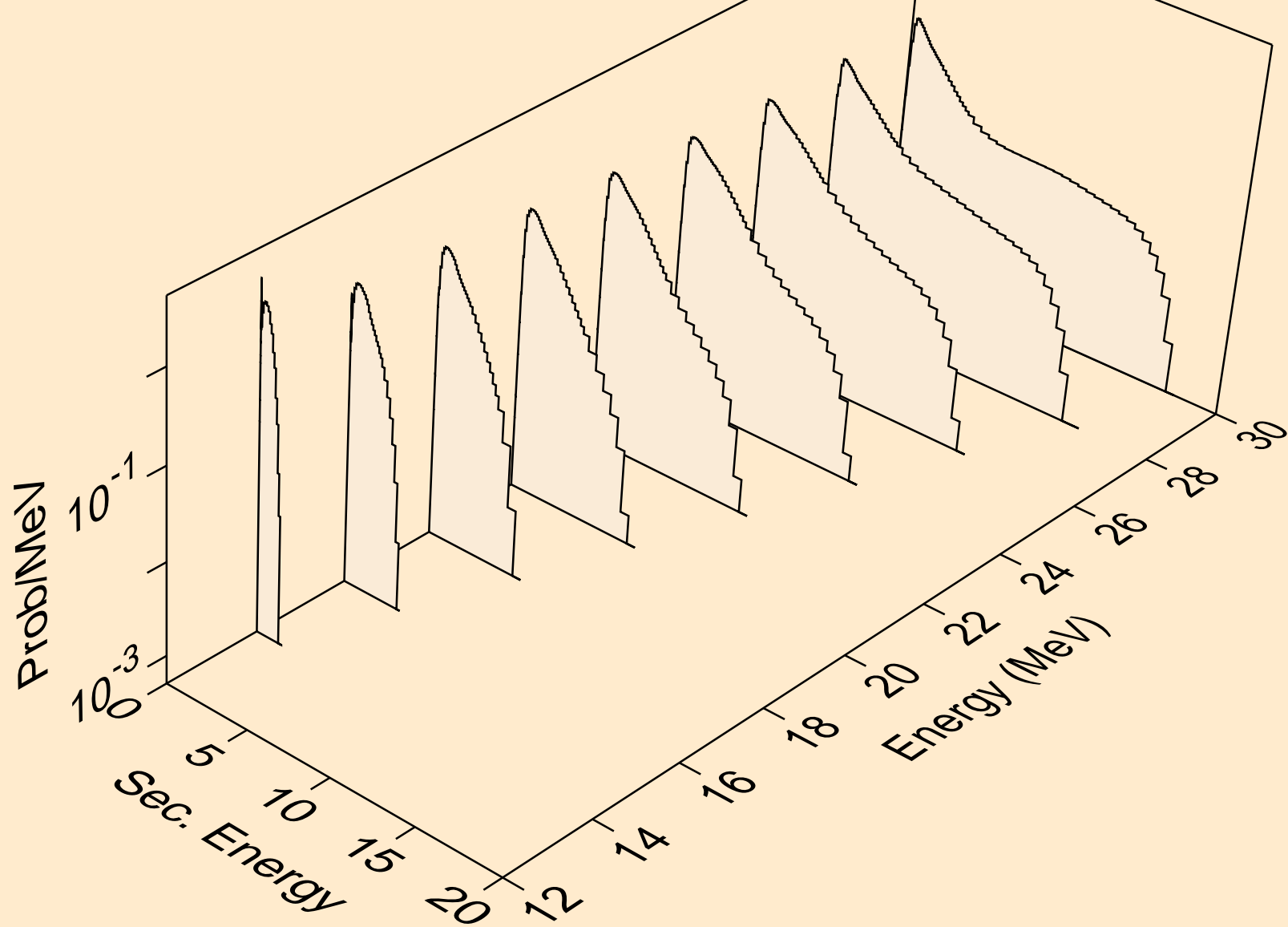
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

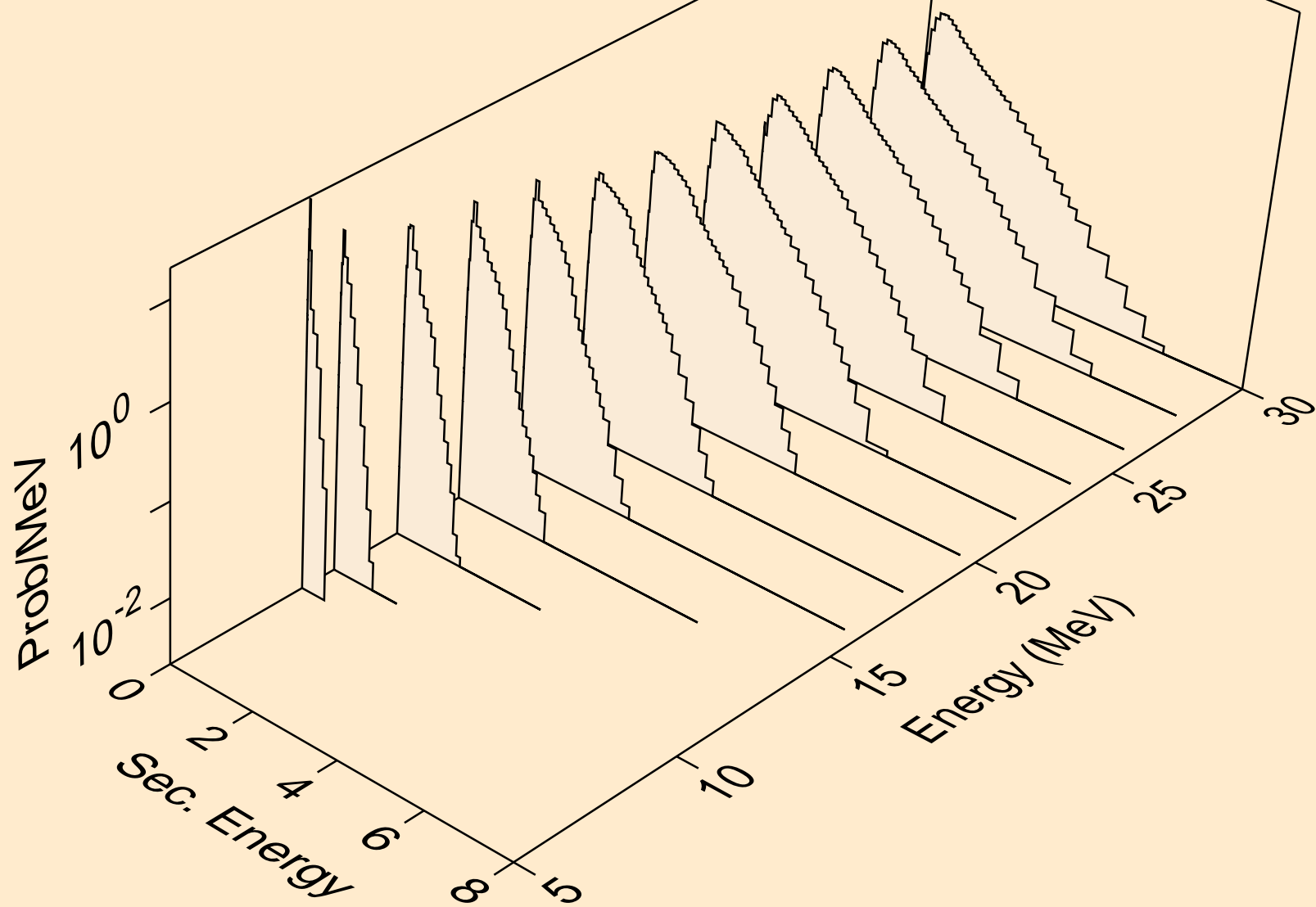


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

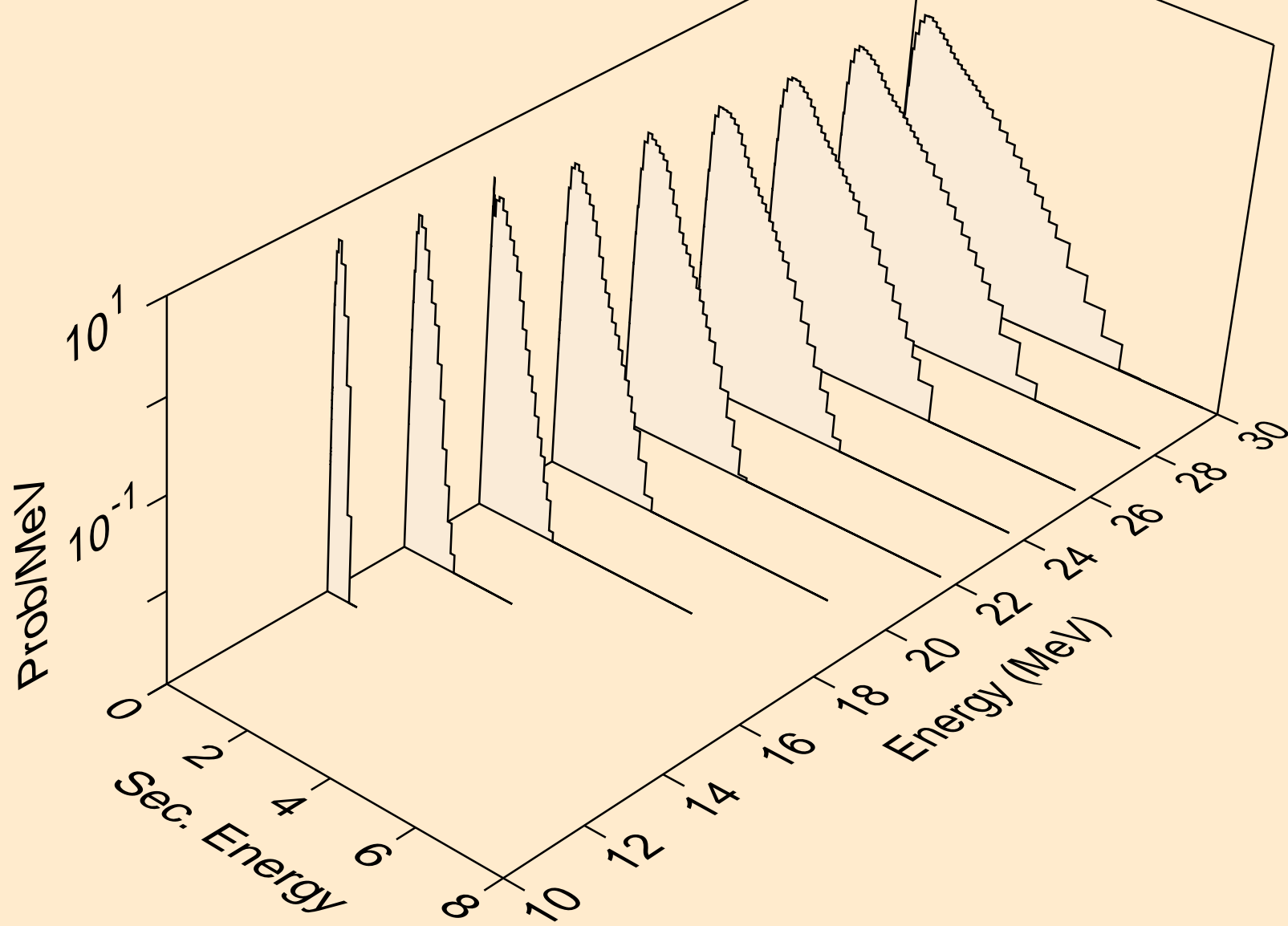




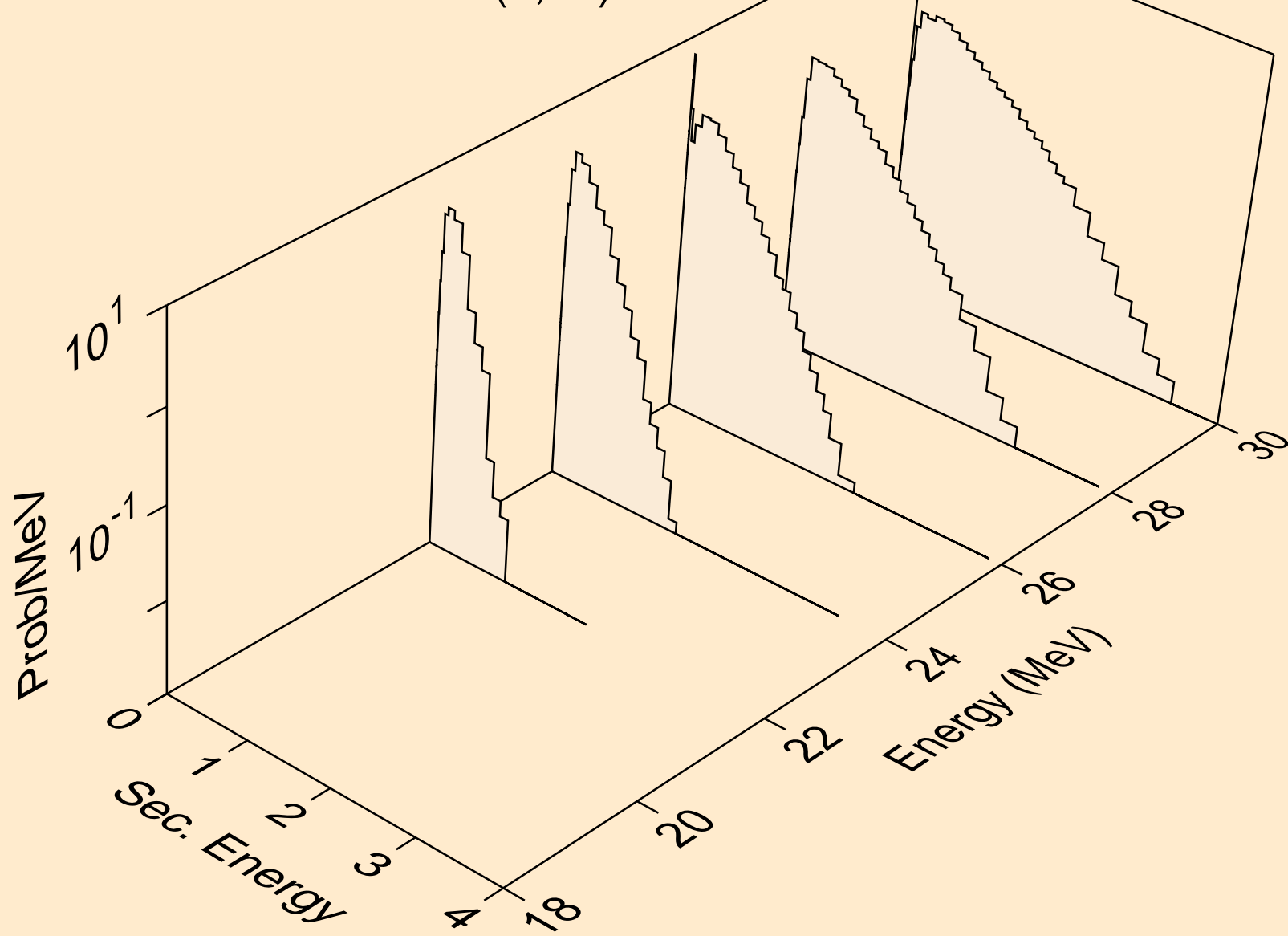
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



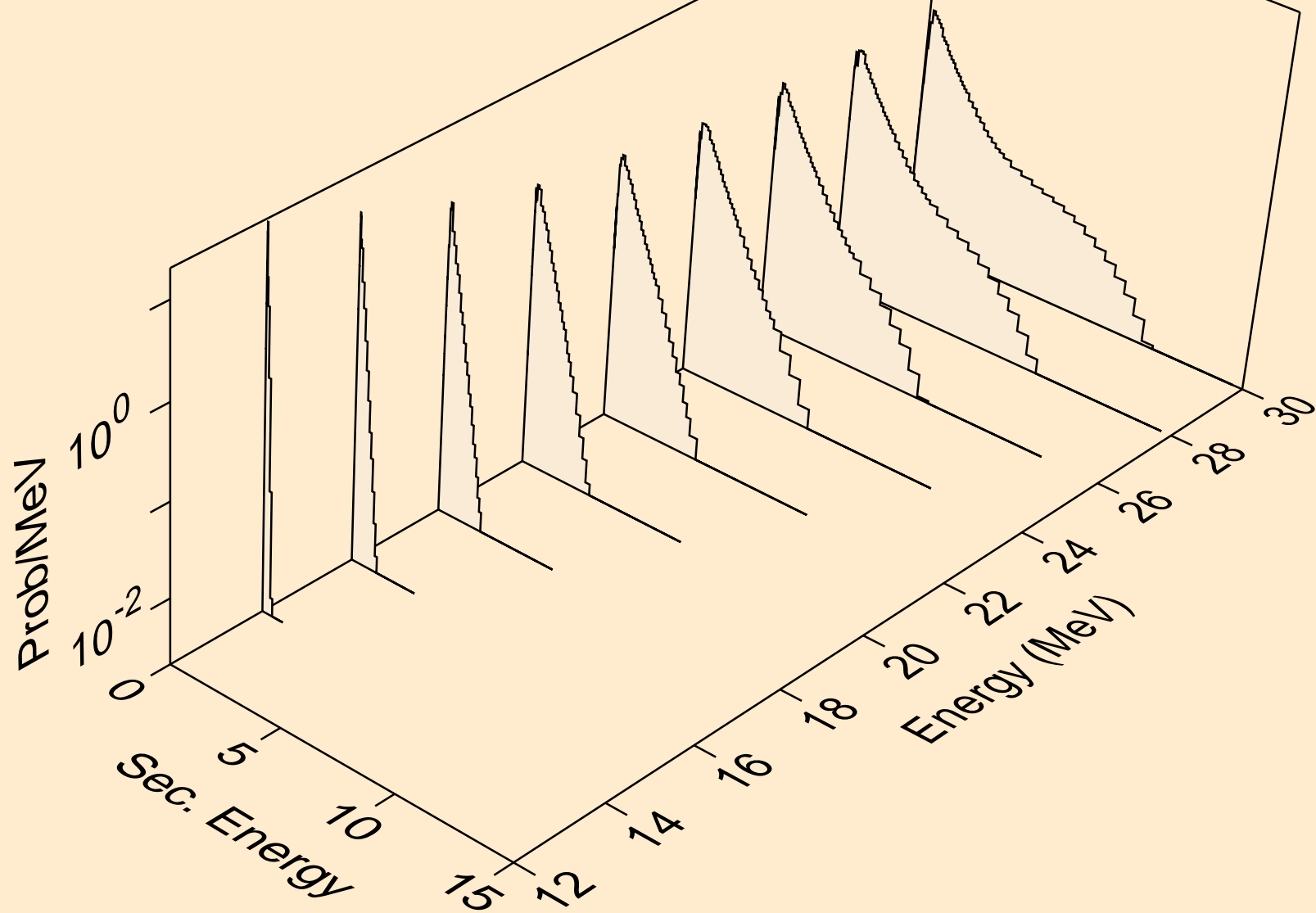
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



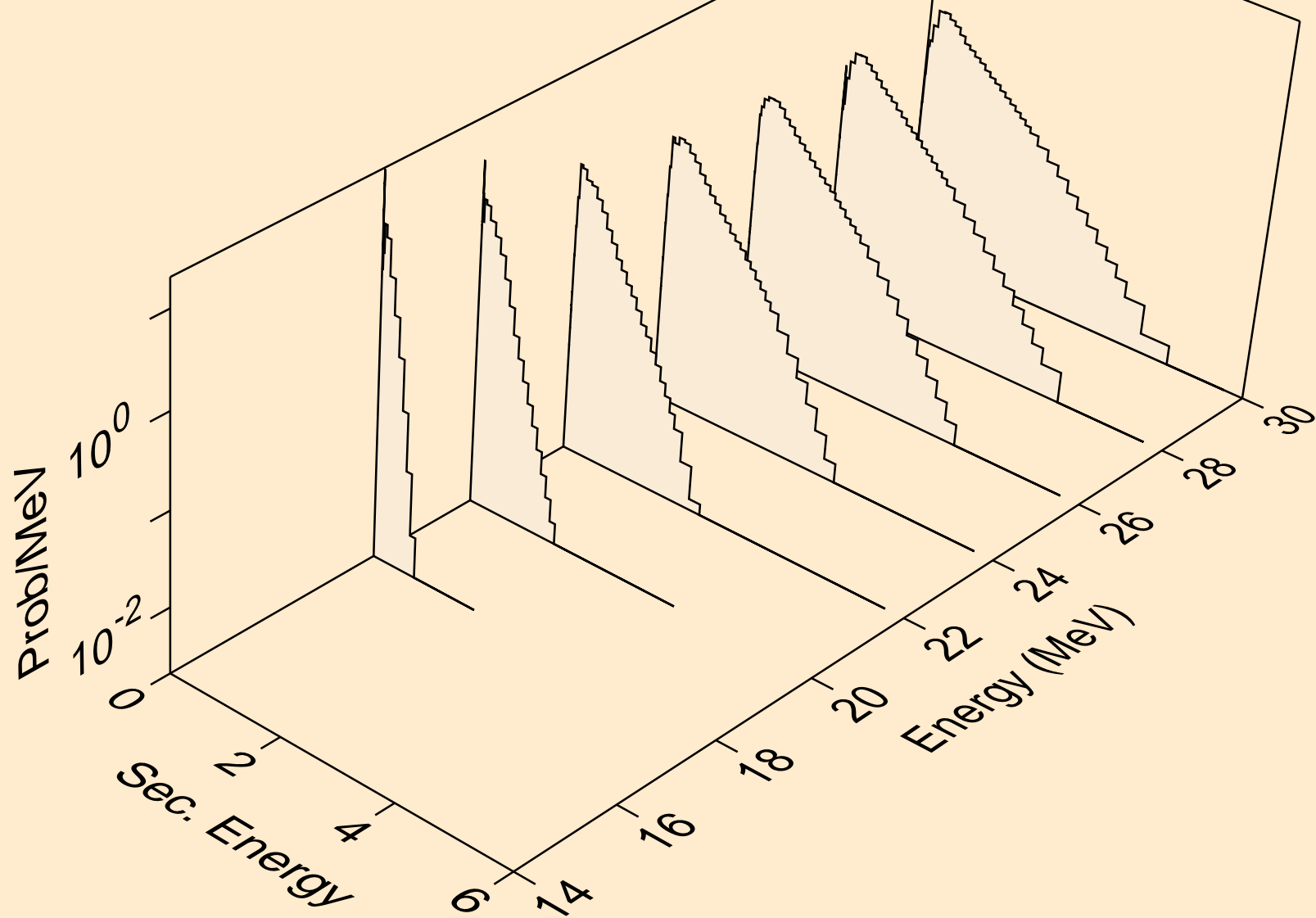
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



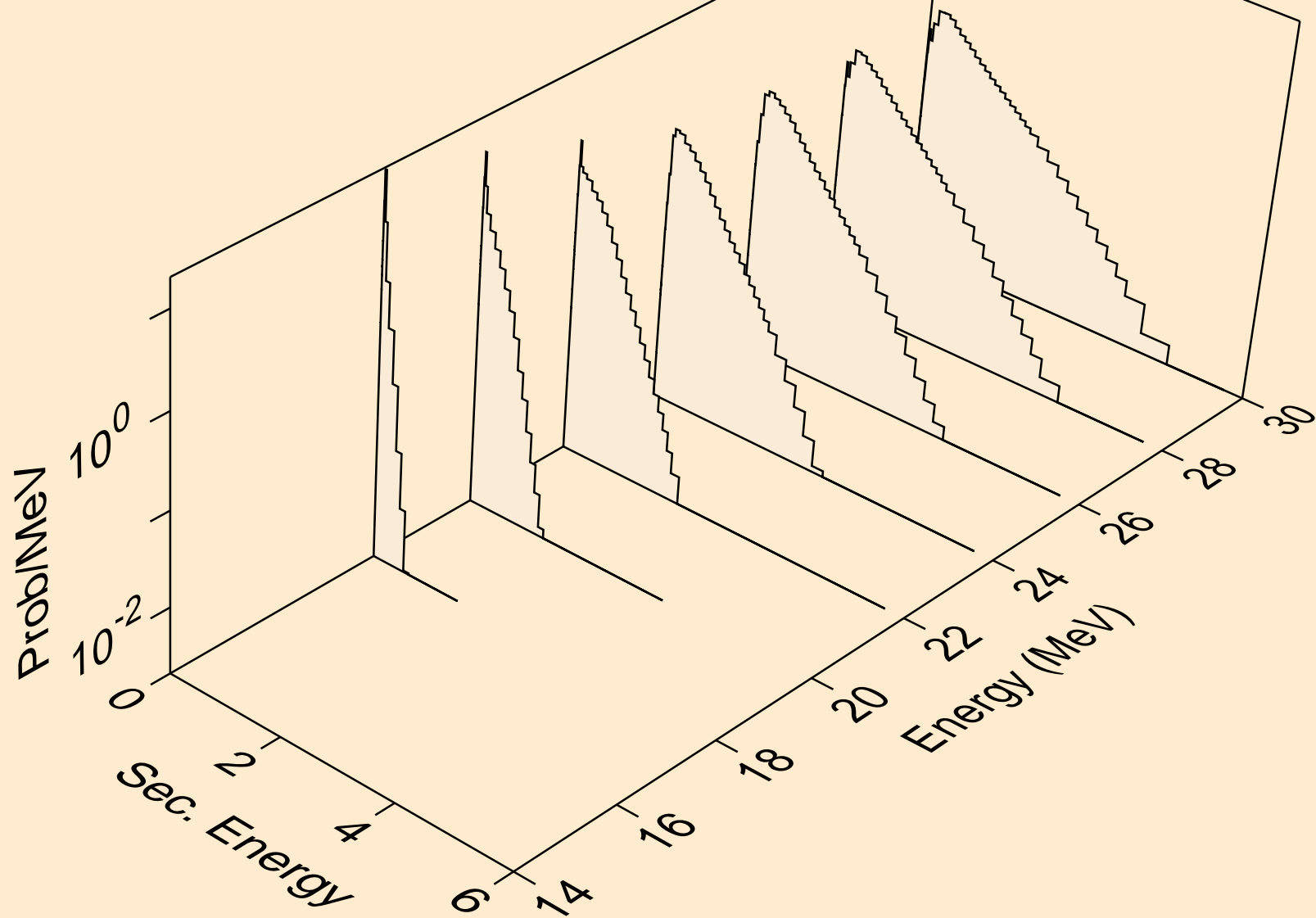
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



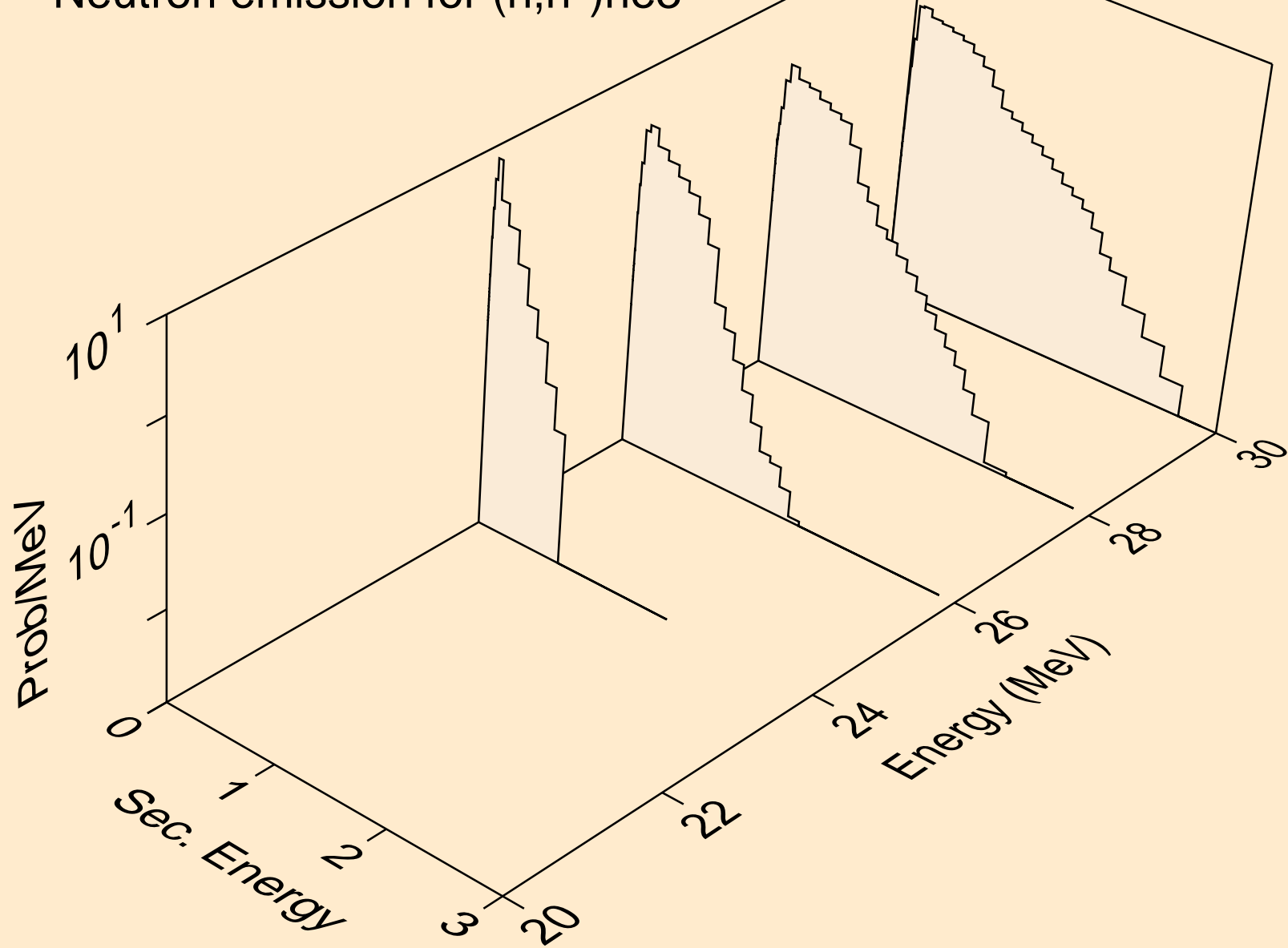
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



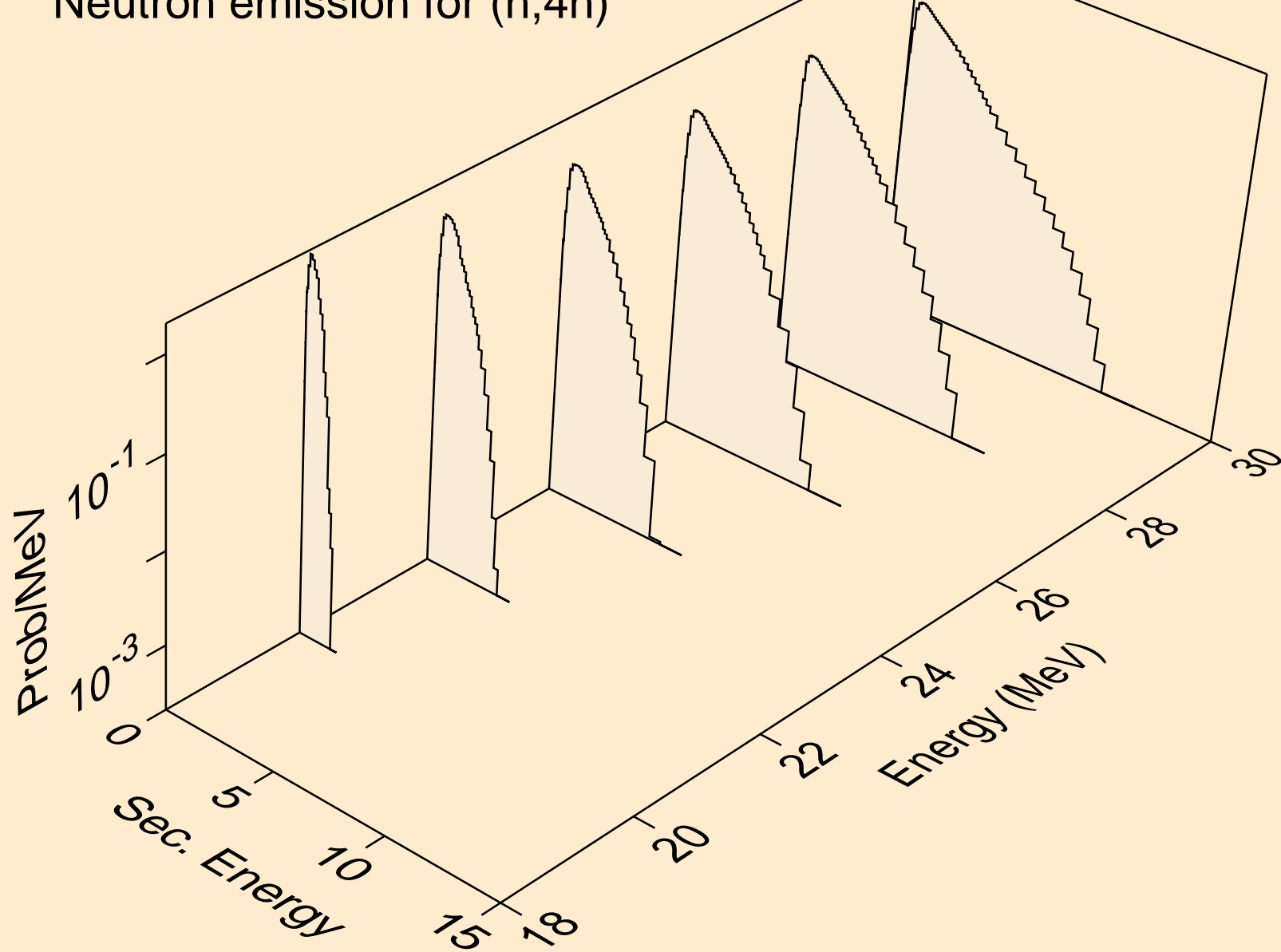
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

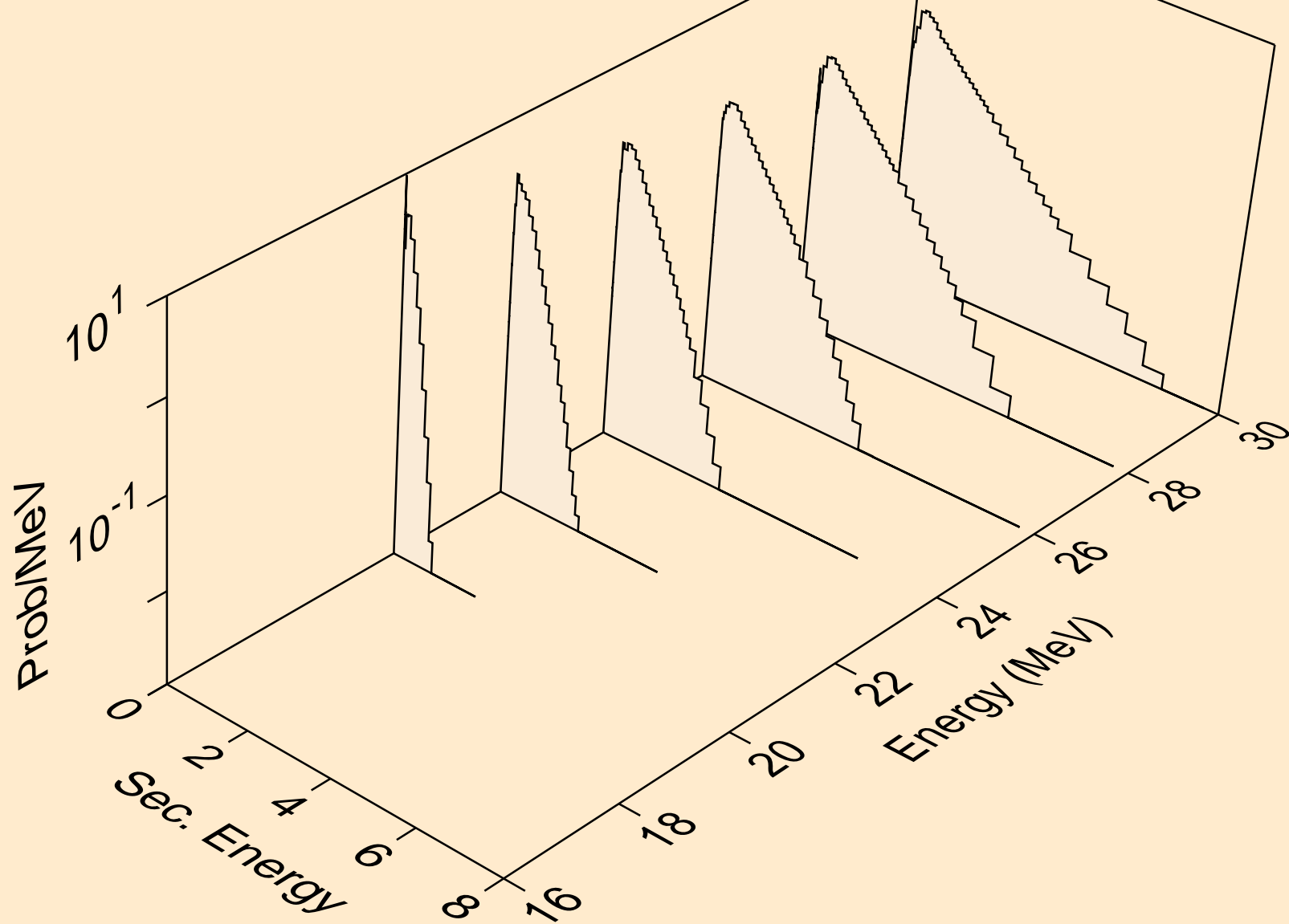


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

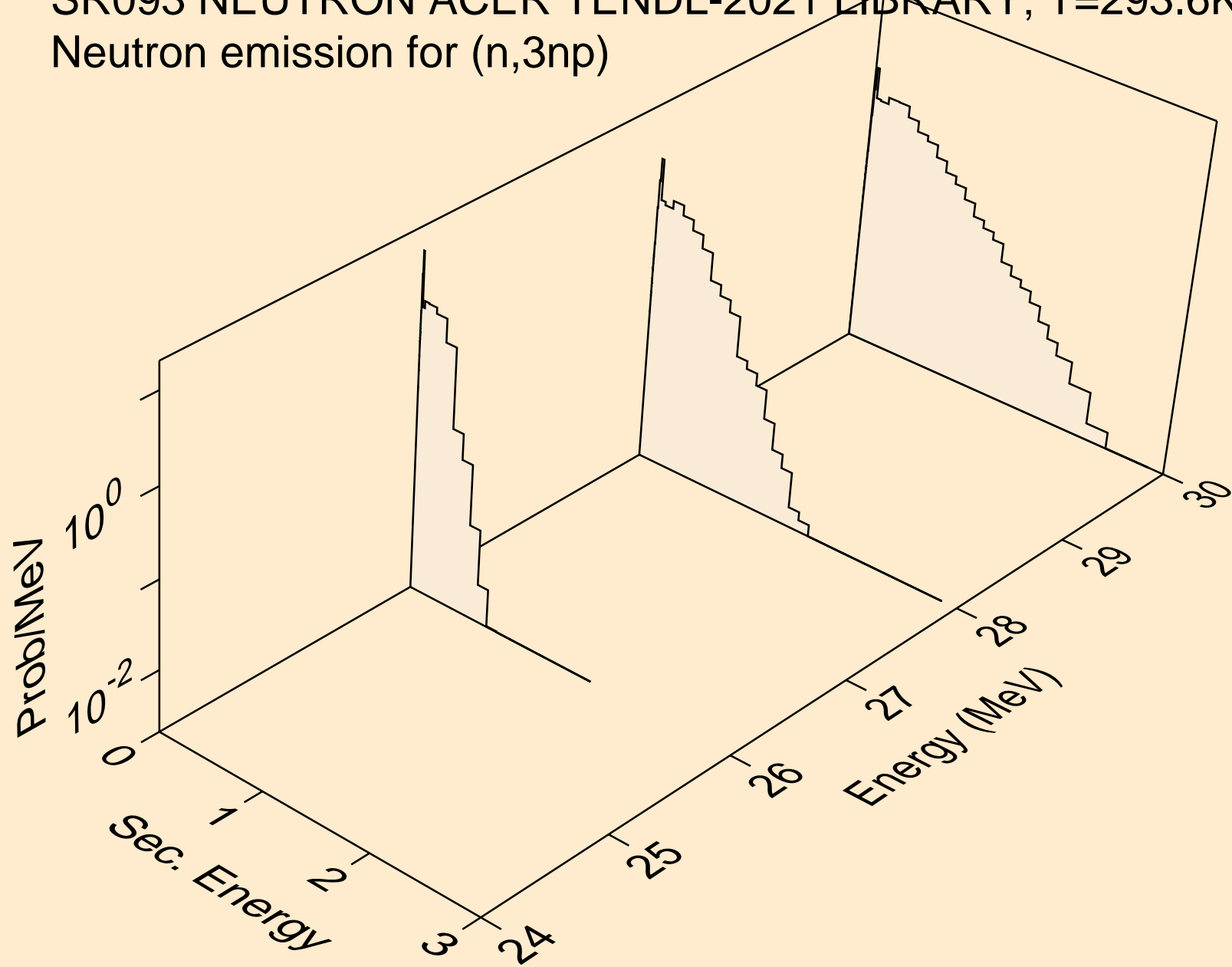




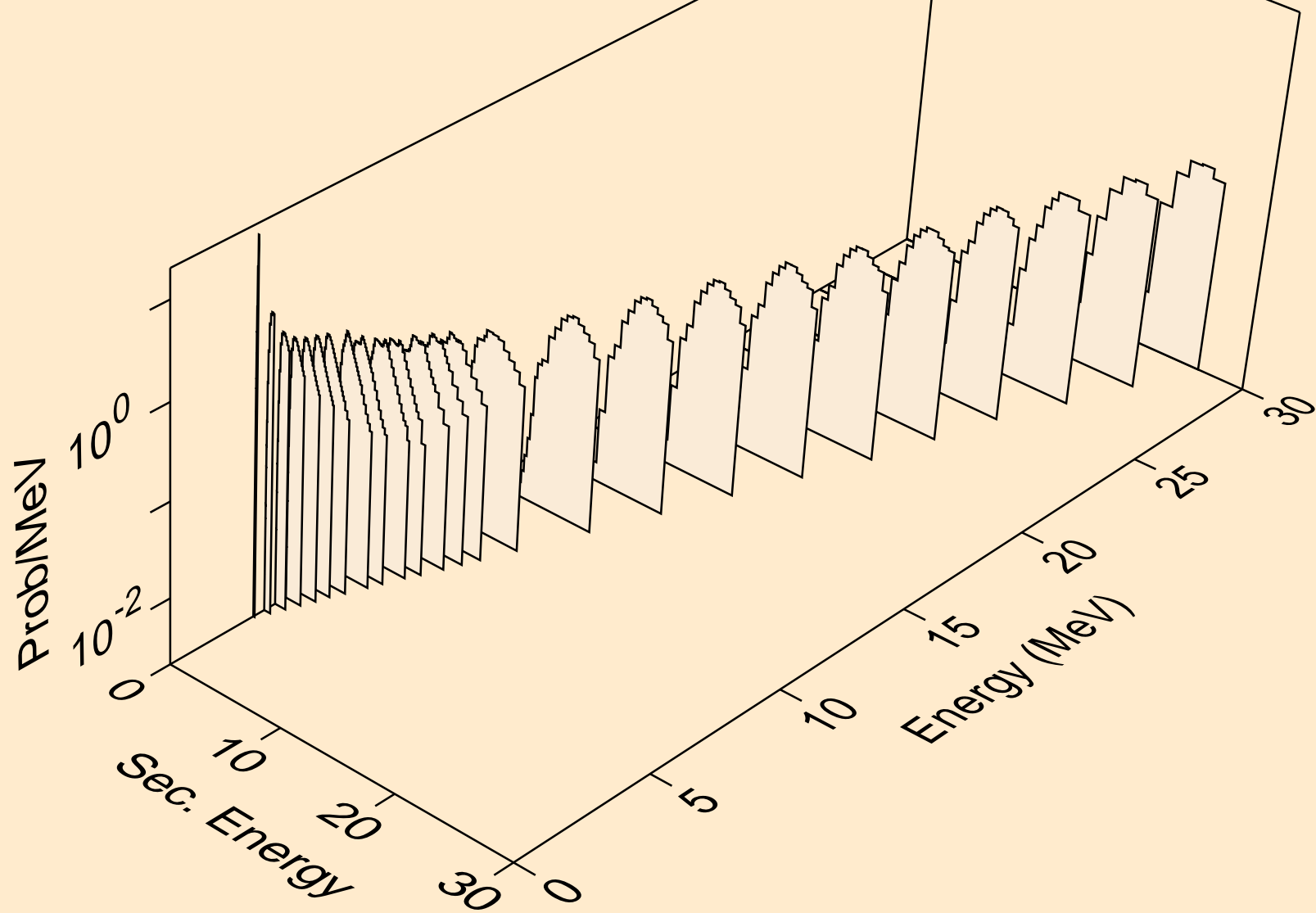
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



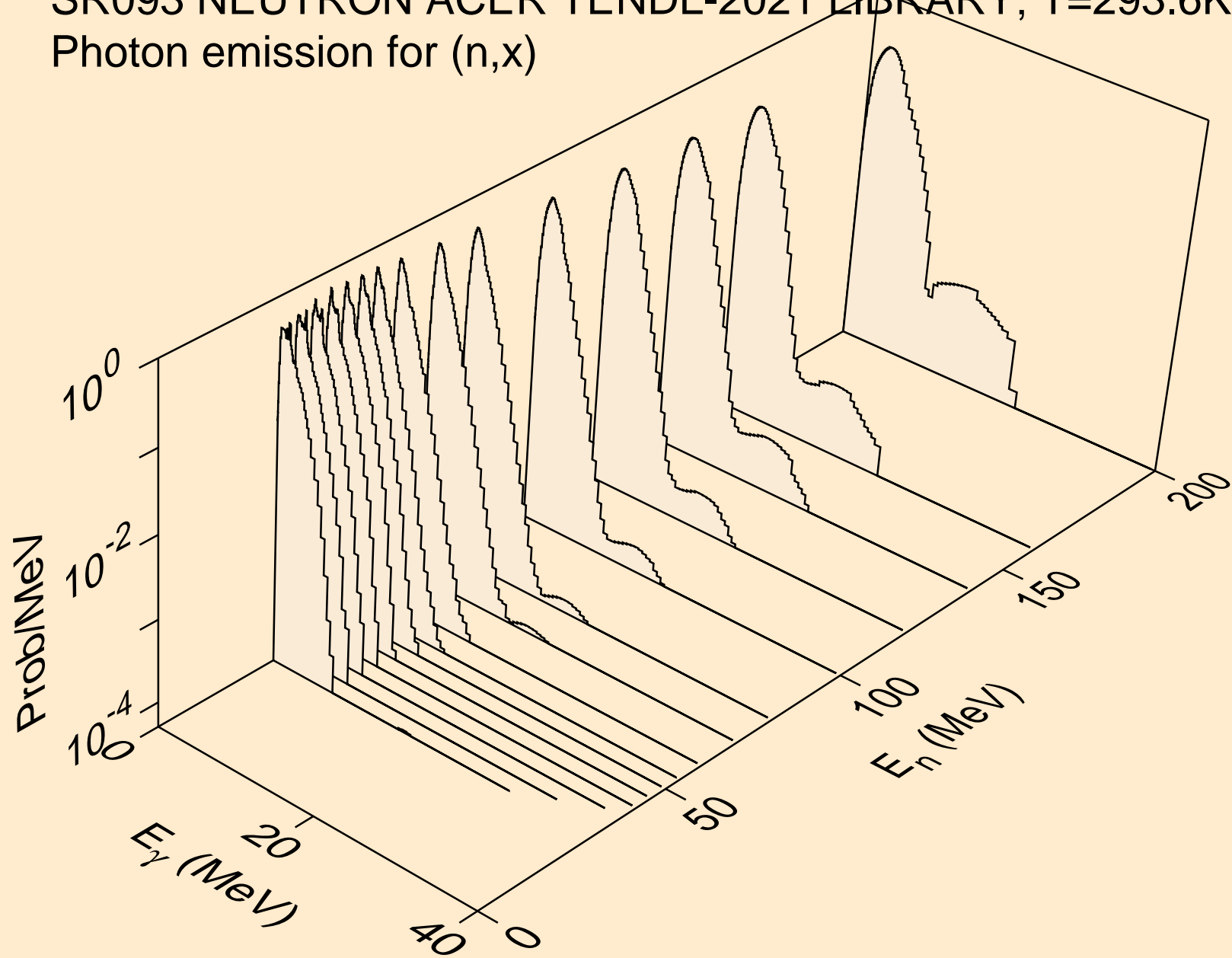
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



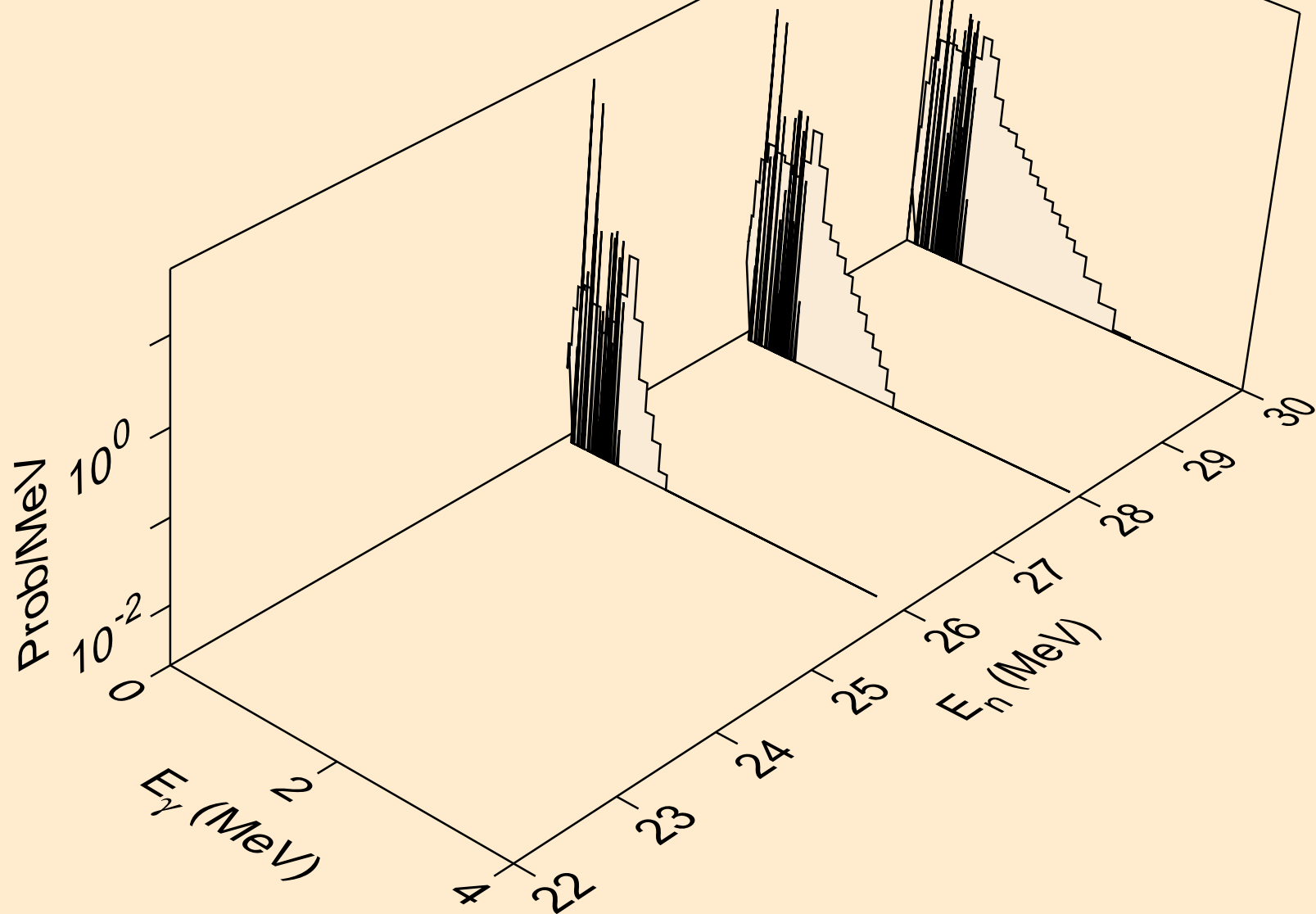
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



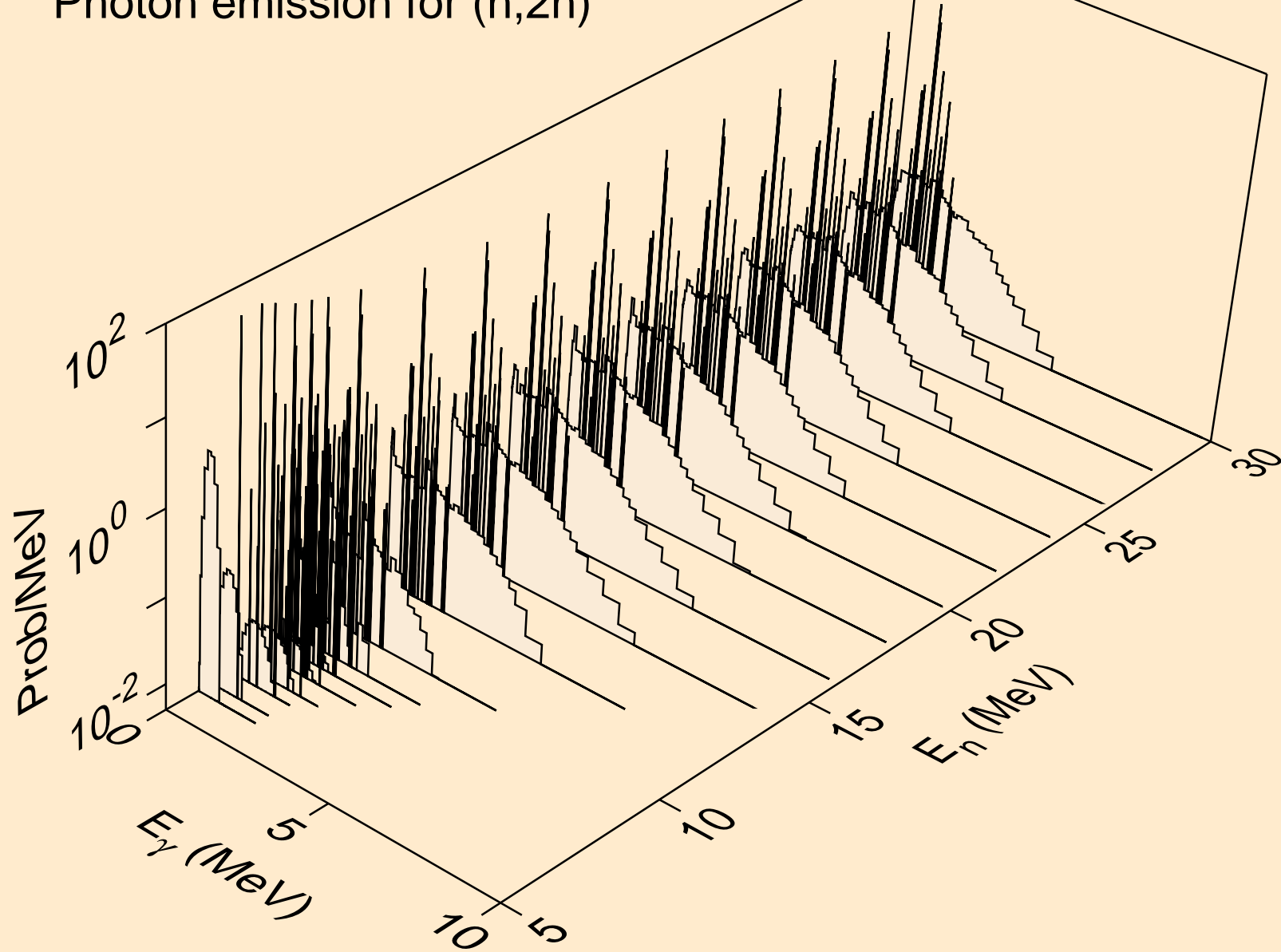
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



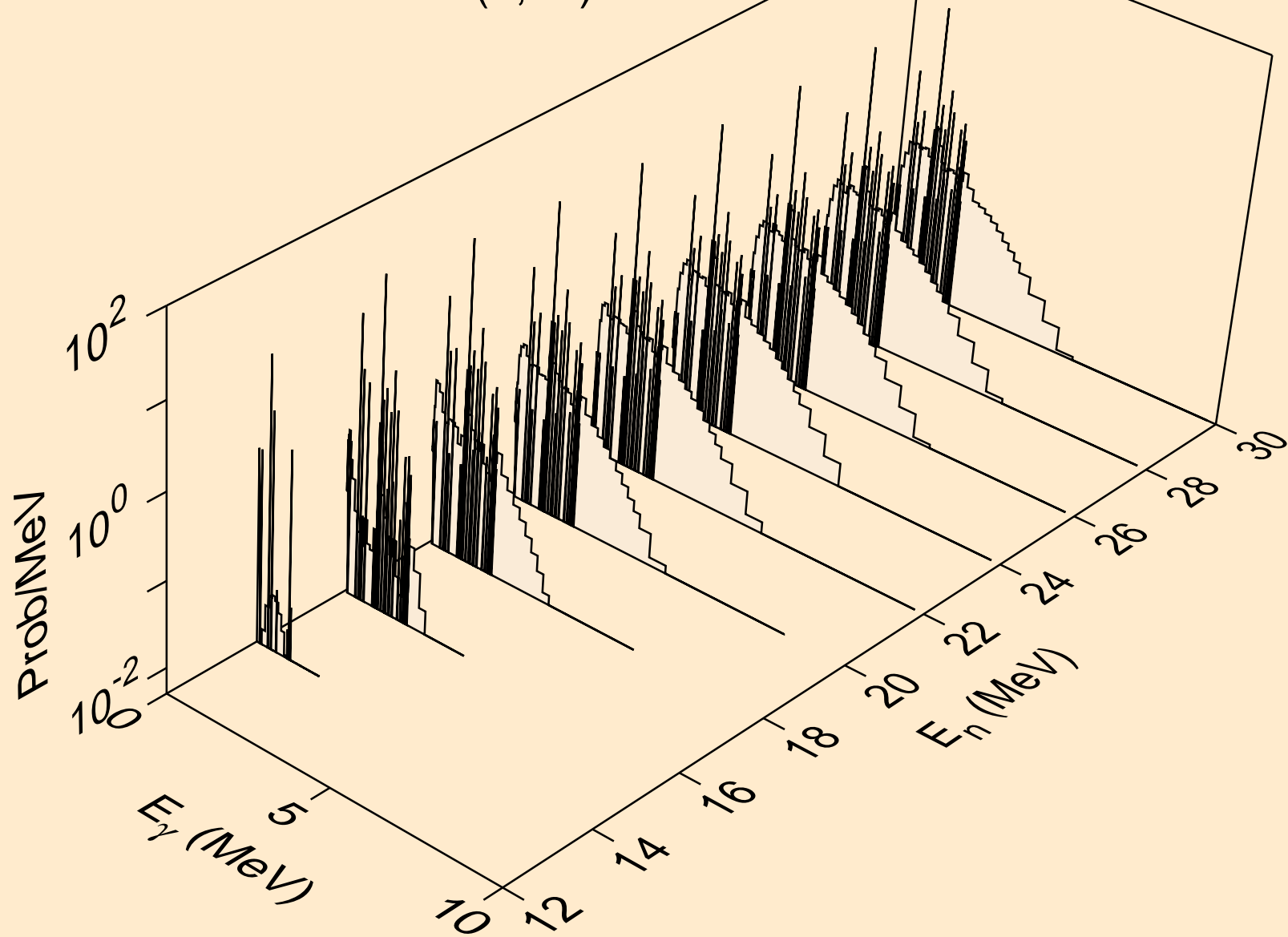
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



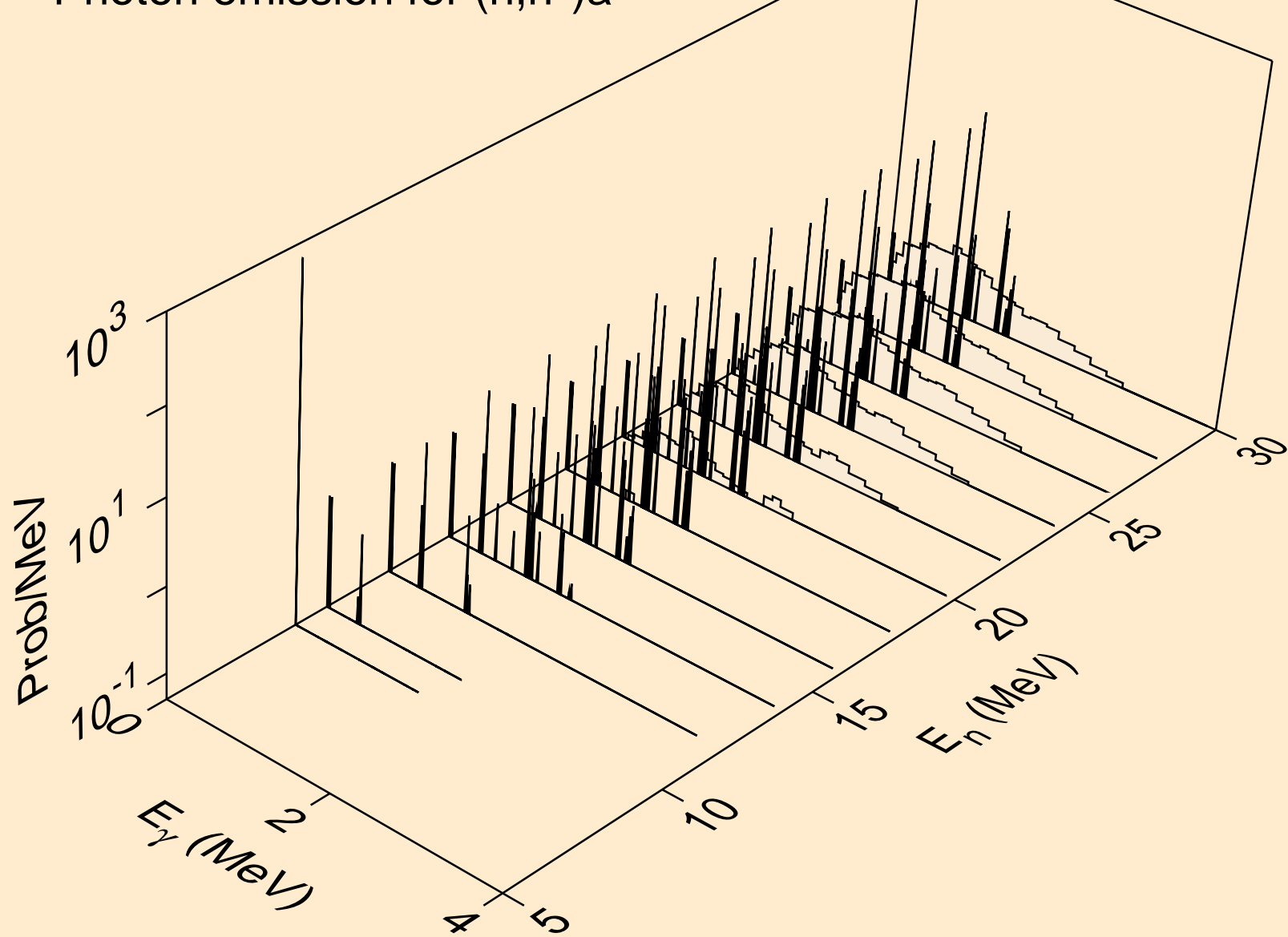
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

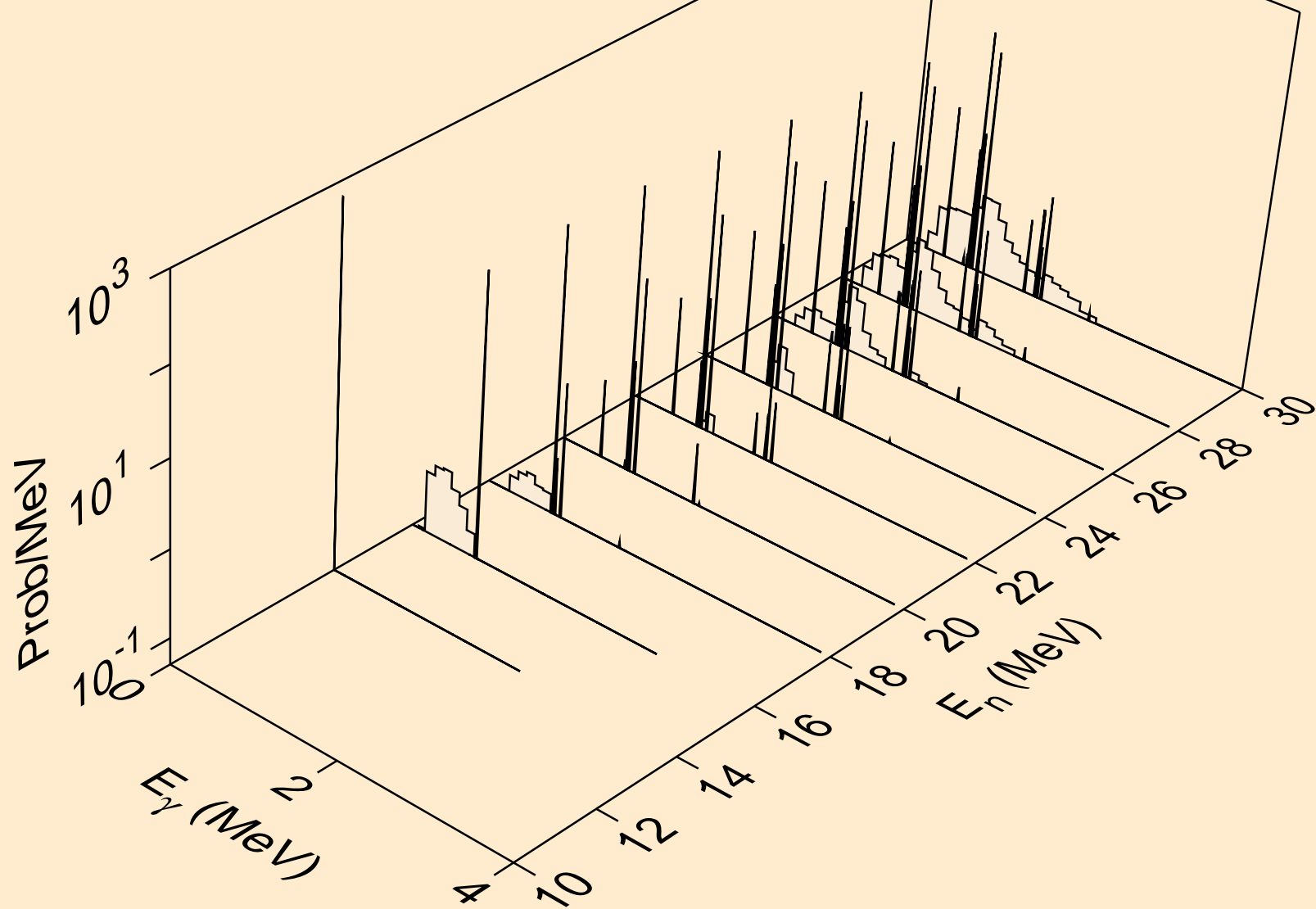


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

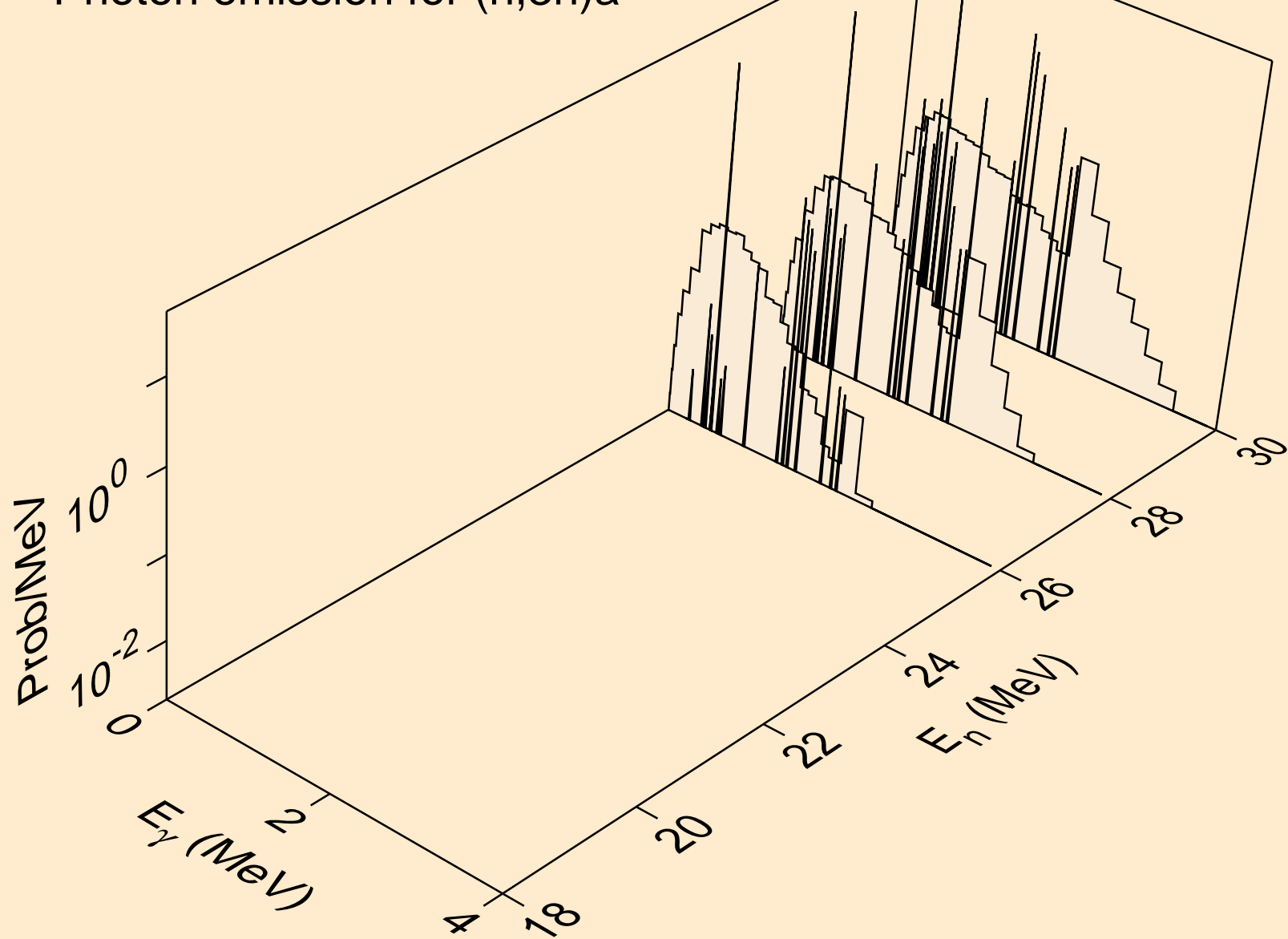




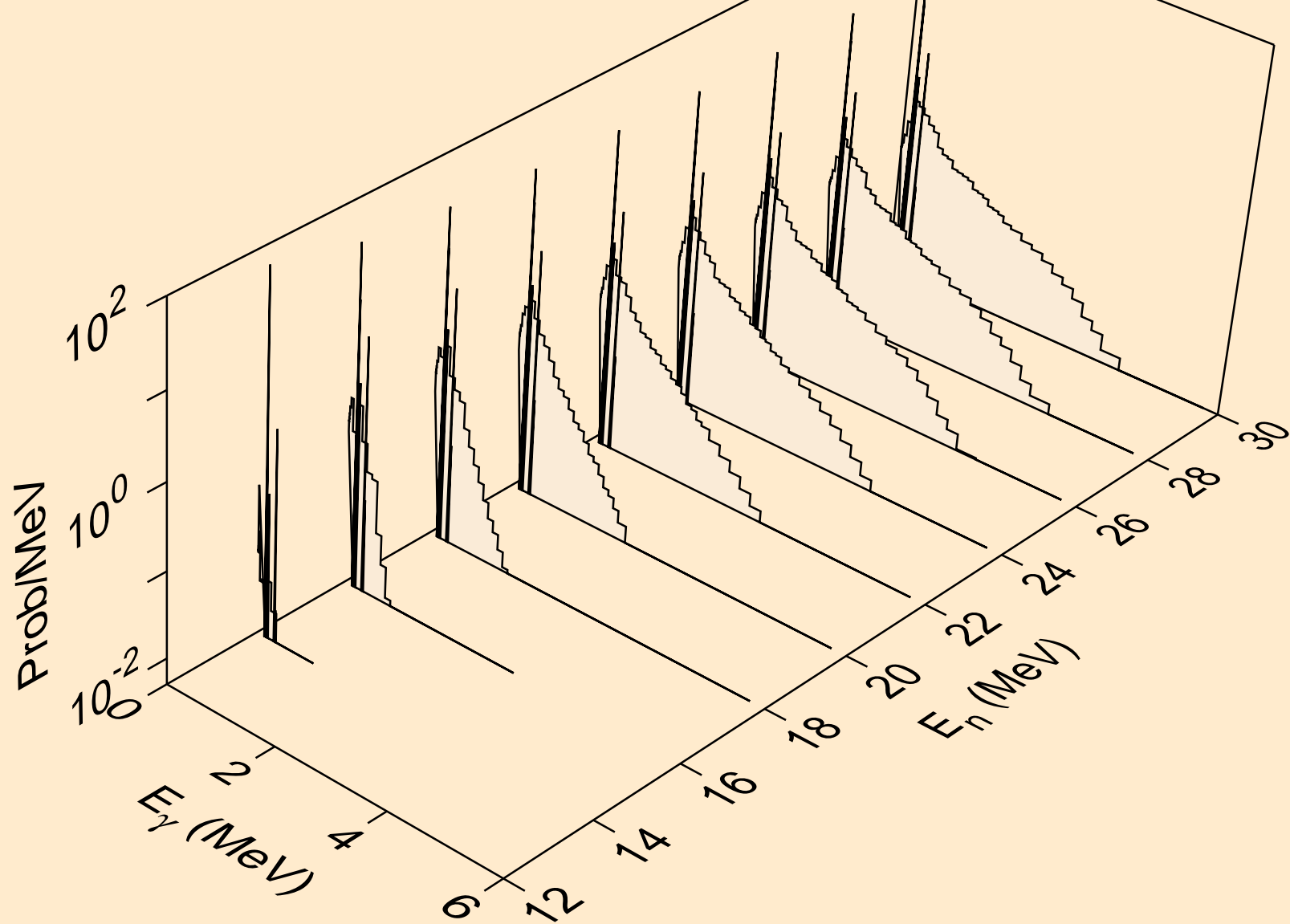
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Photon emission for (n,2n)a



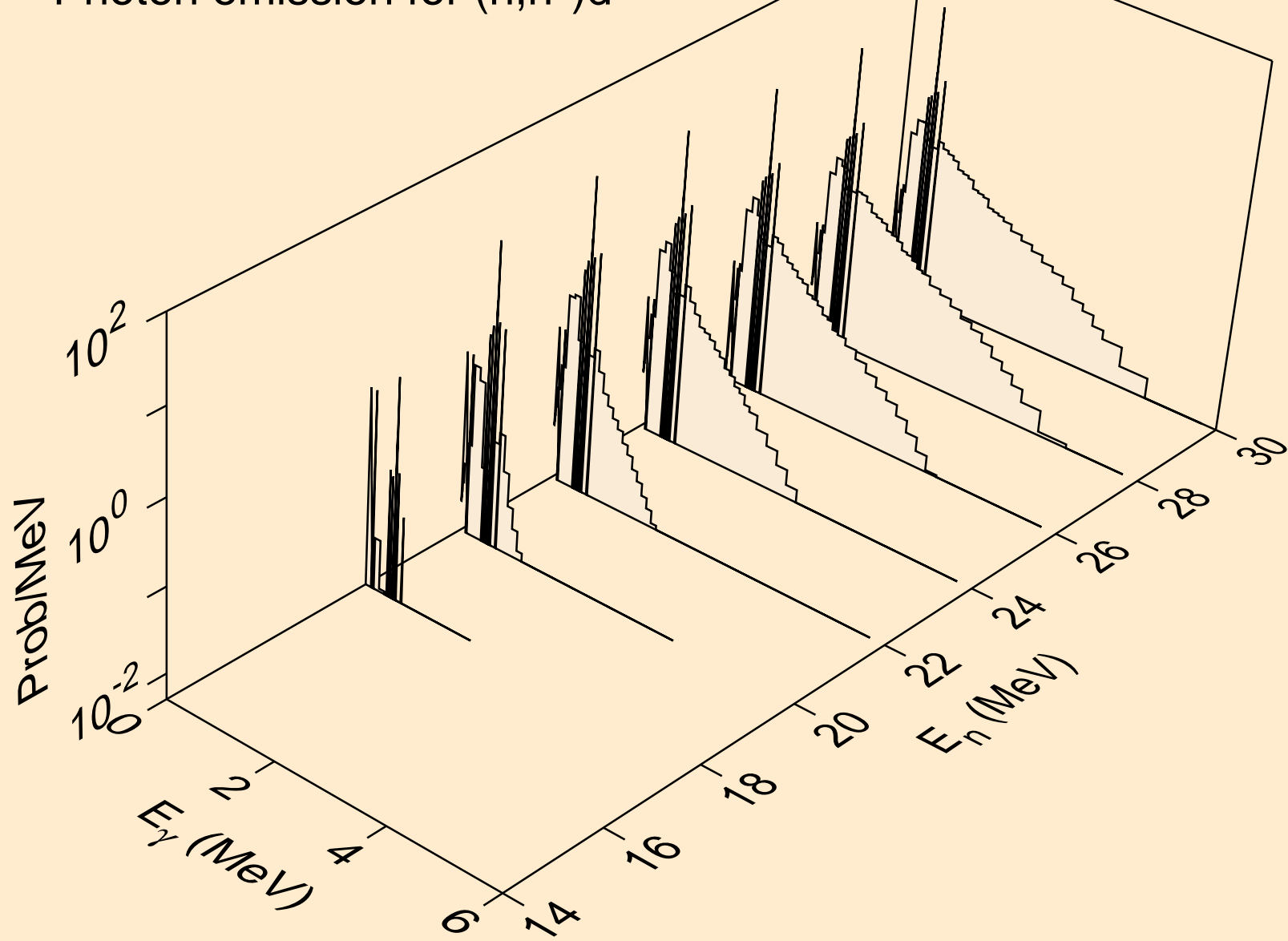
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



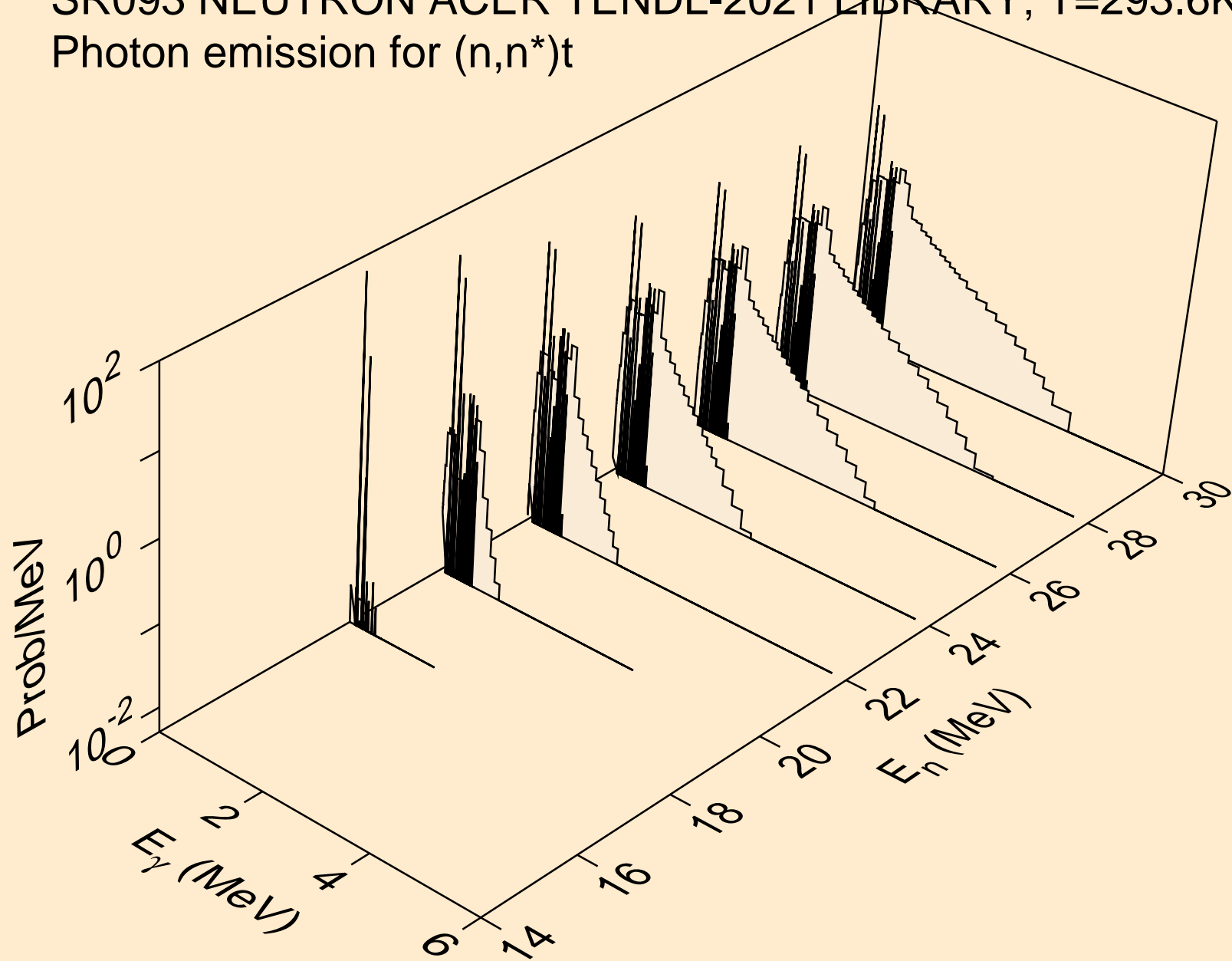
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



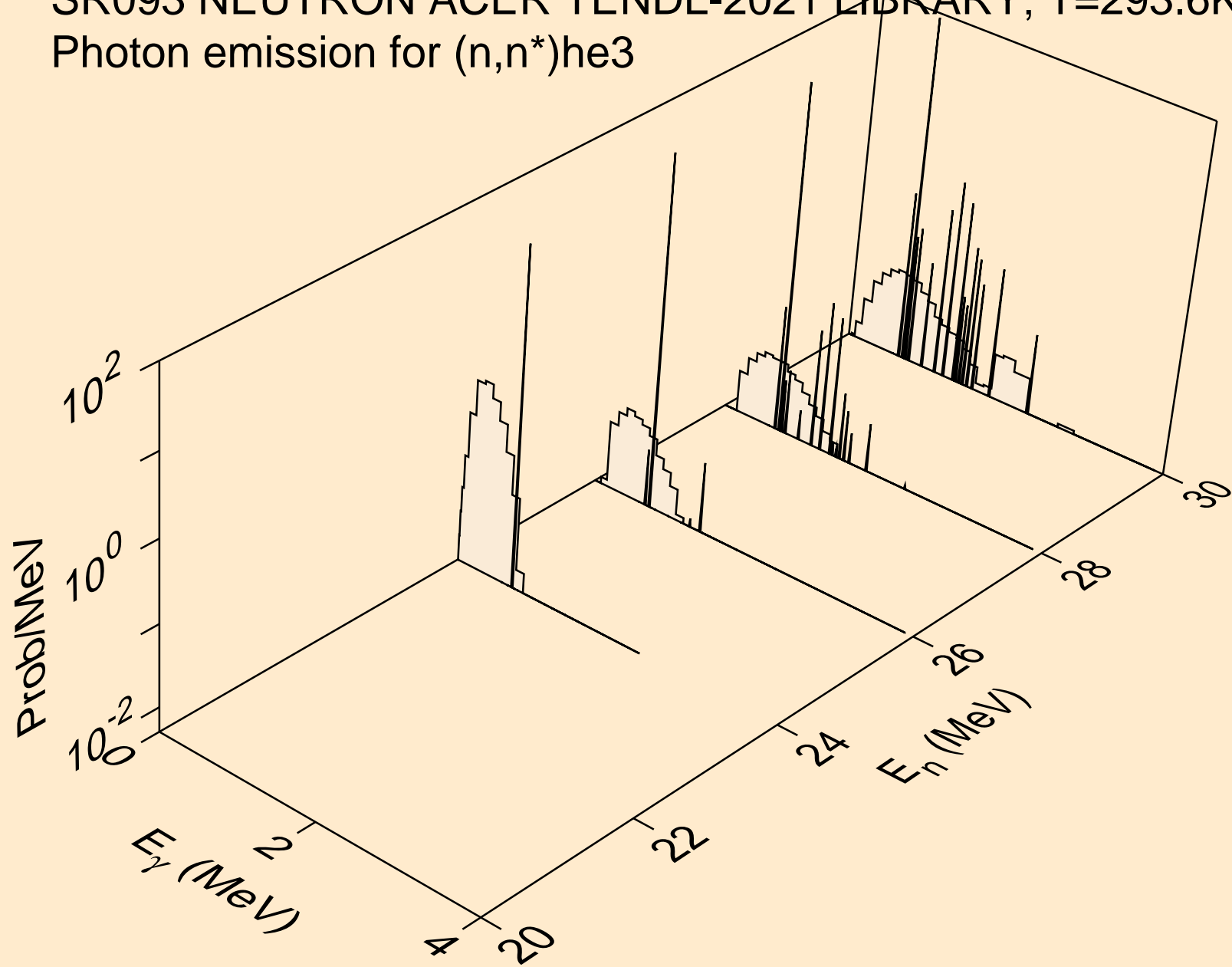
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



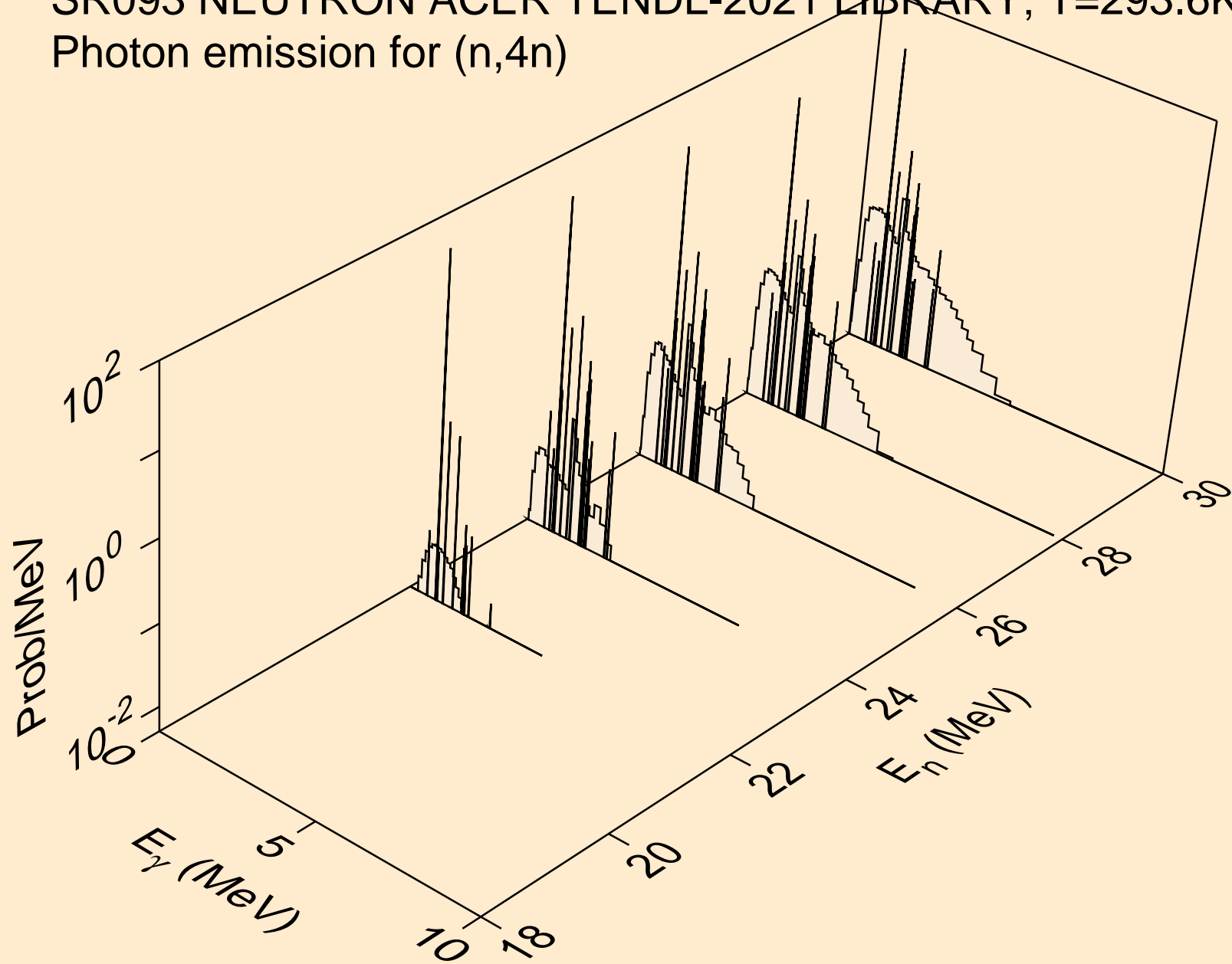
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



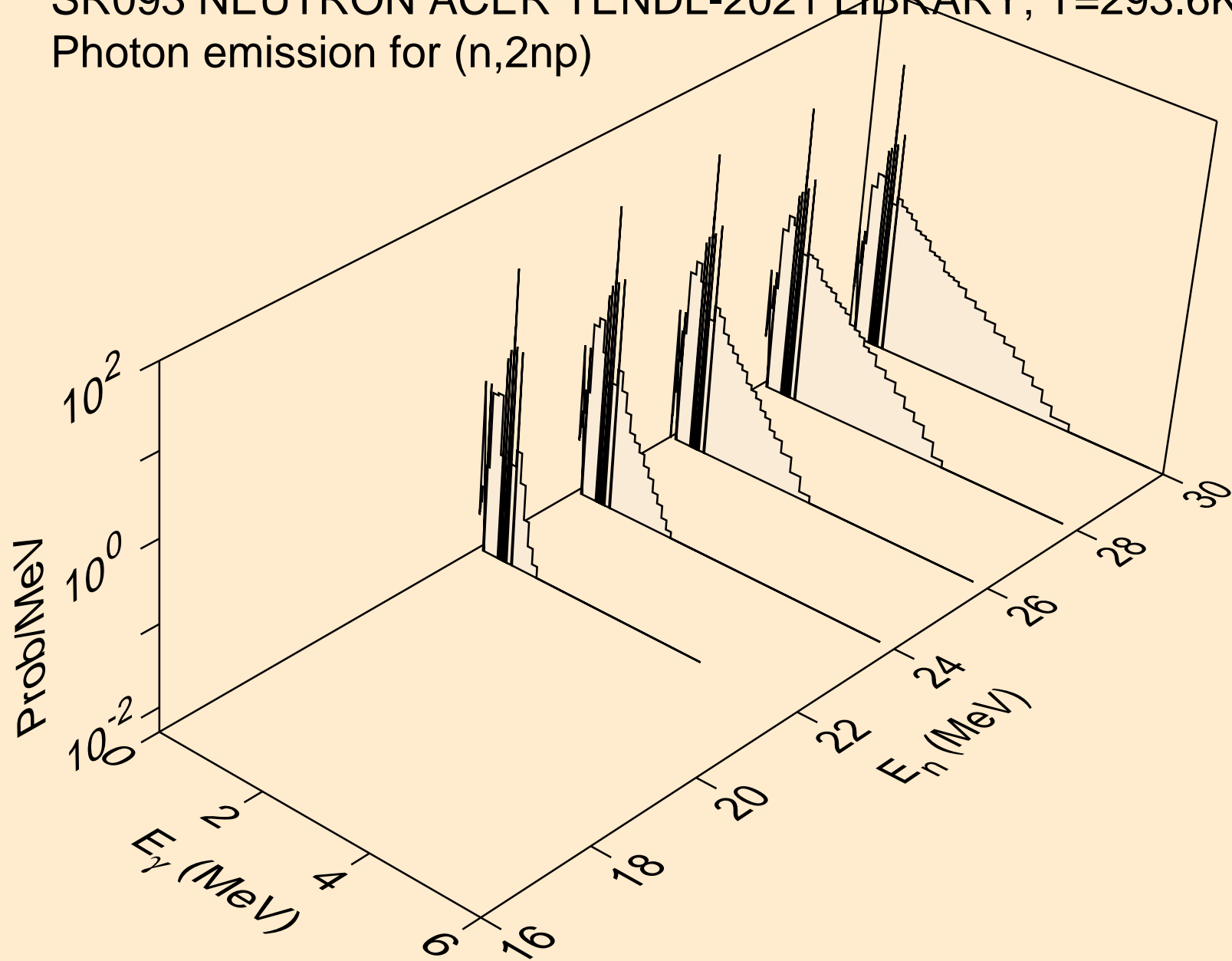
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

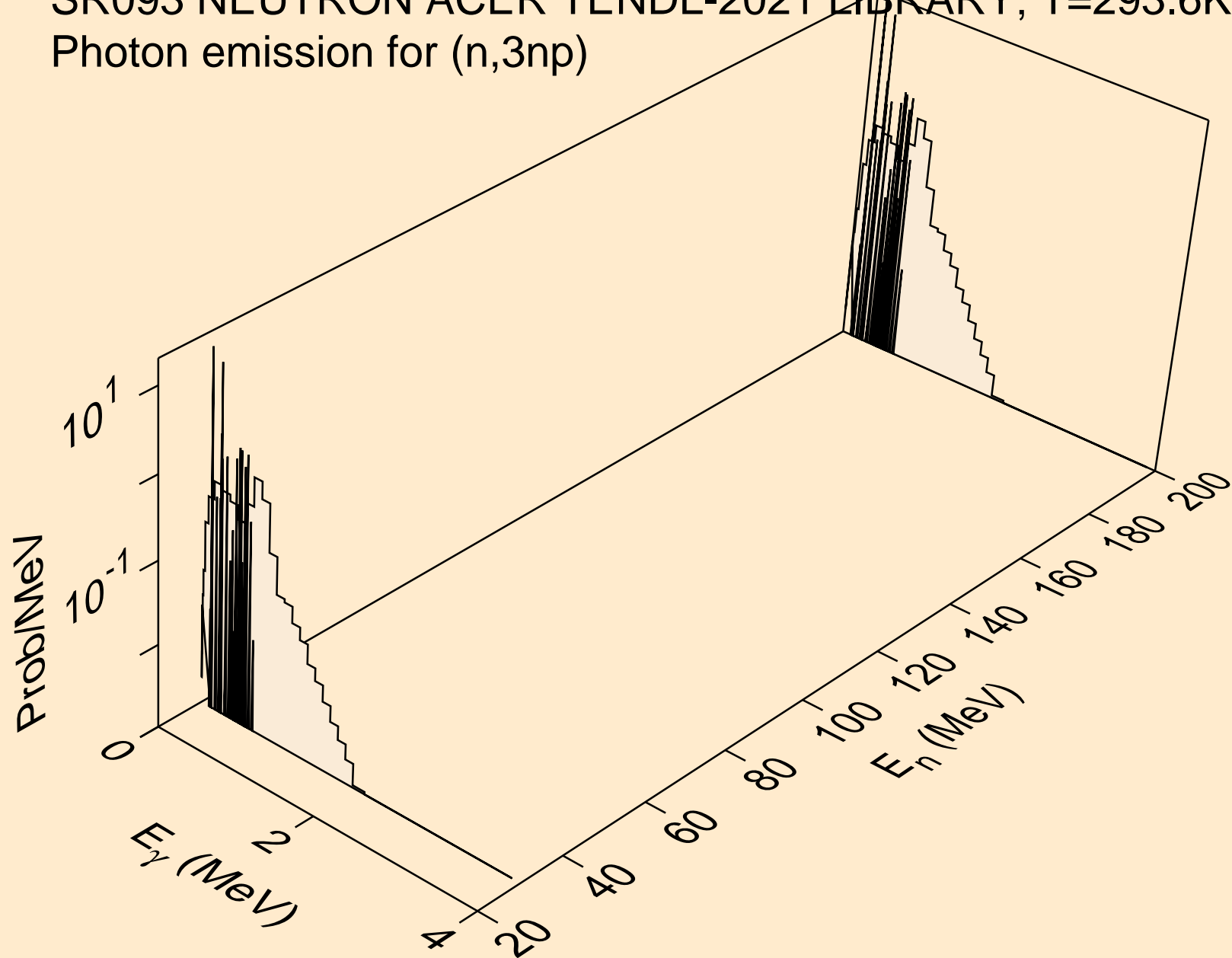


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

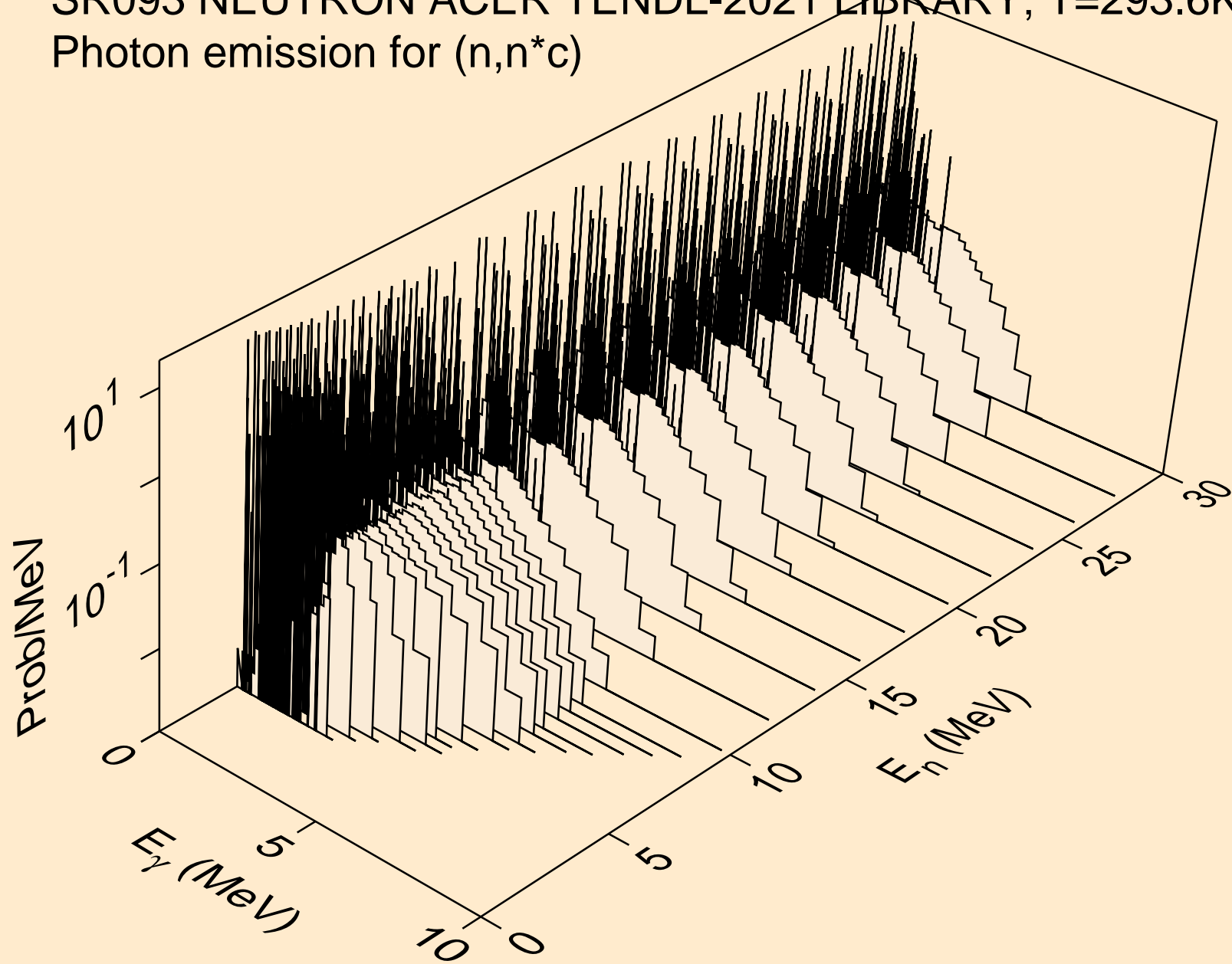




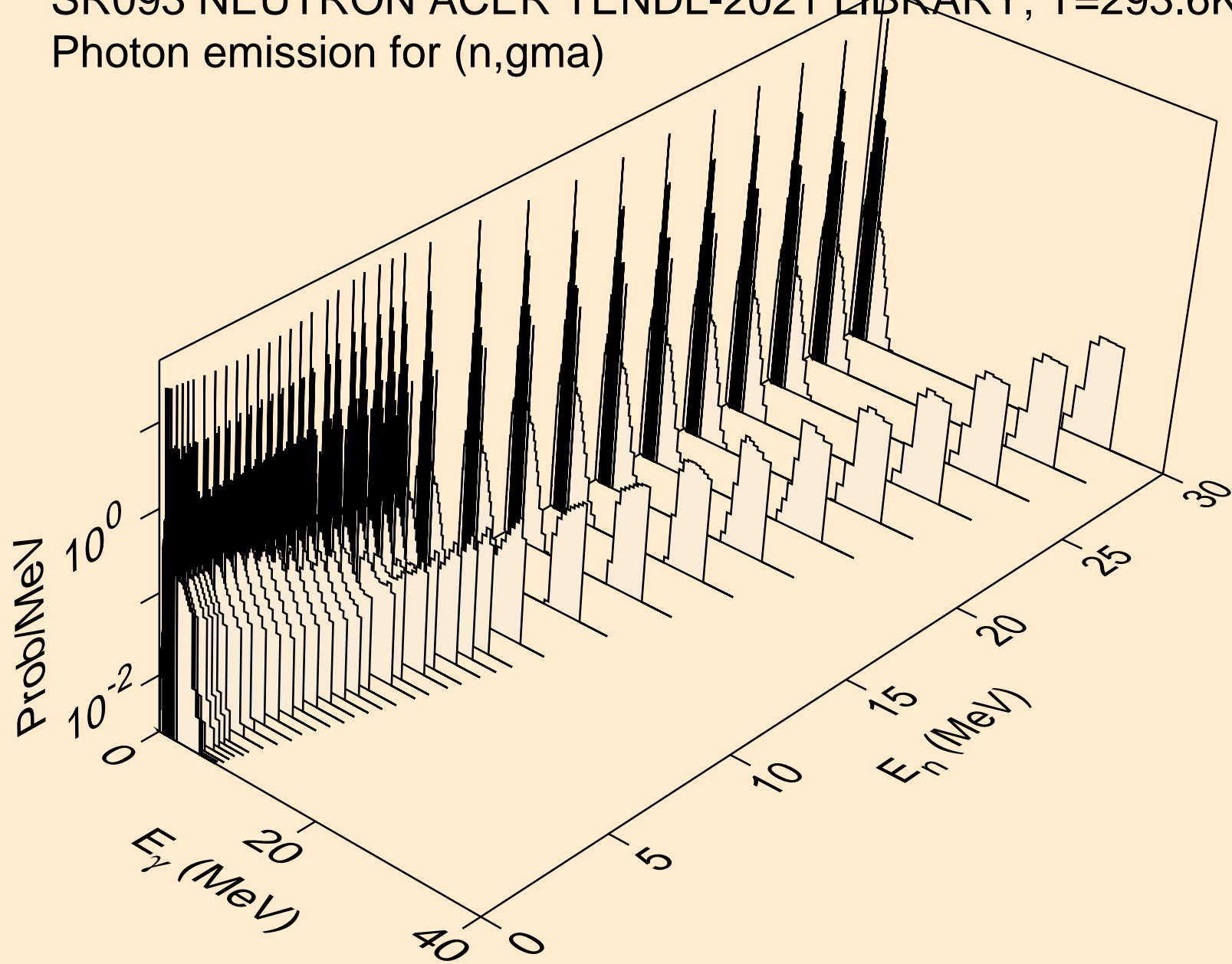
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



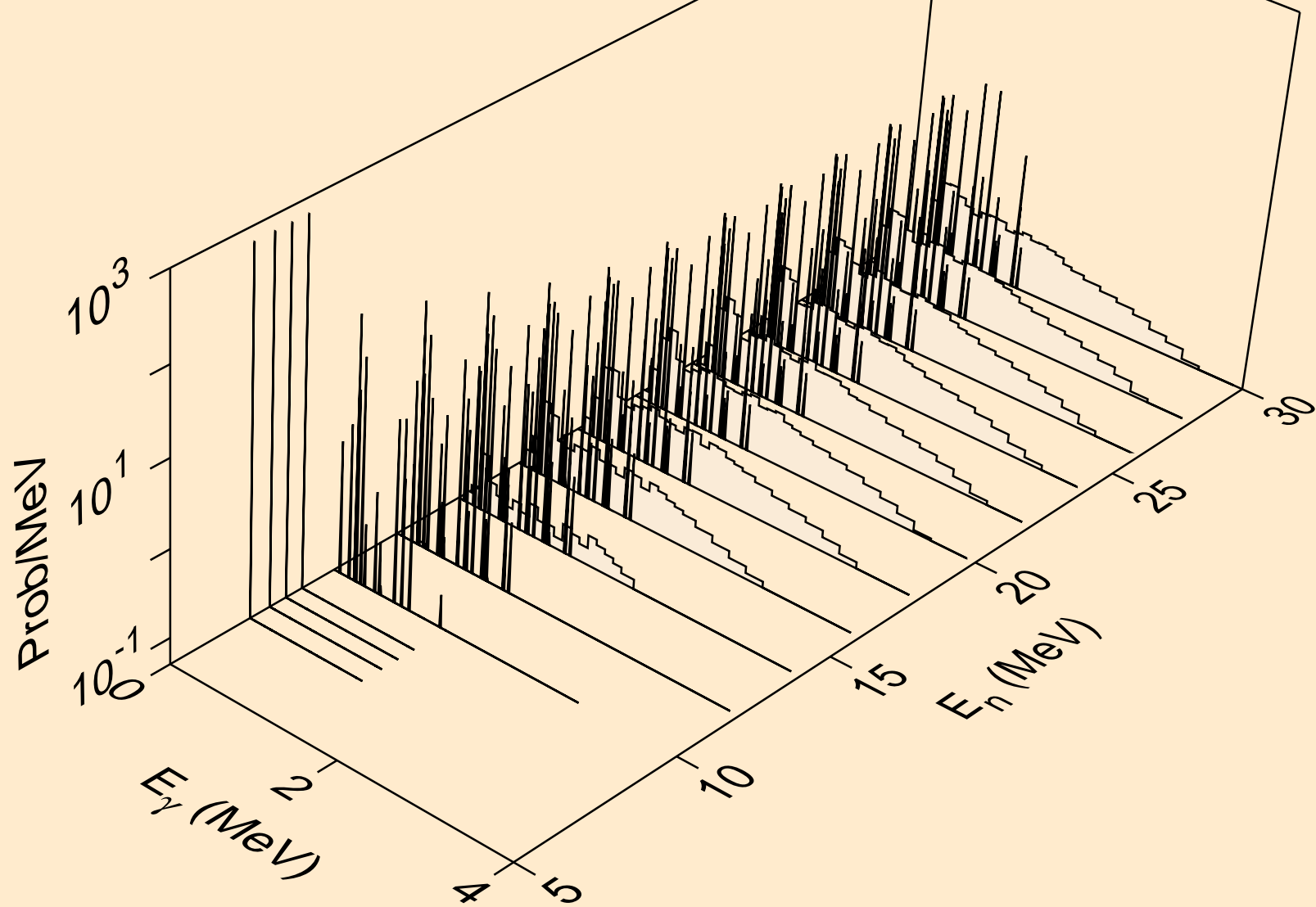
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



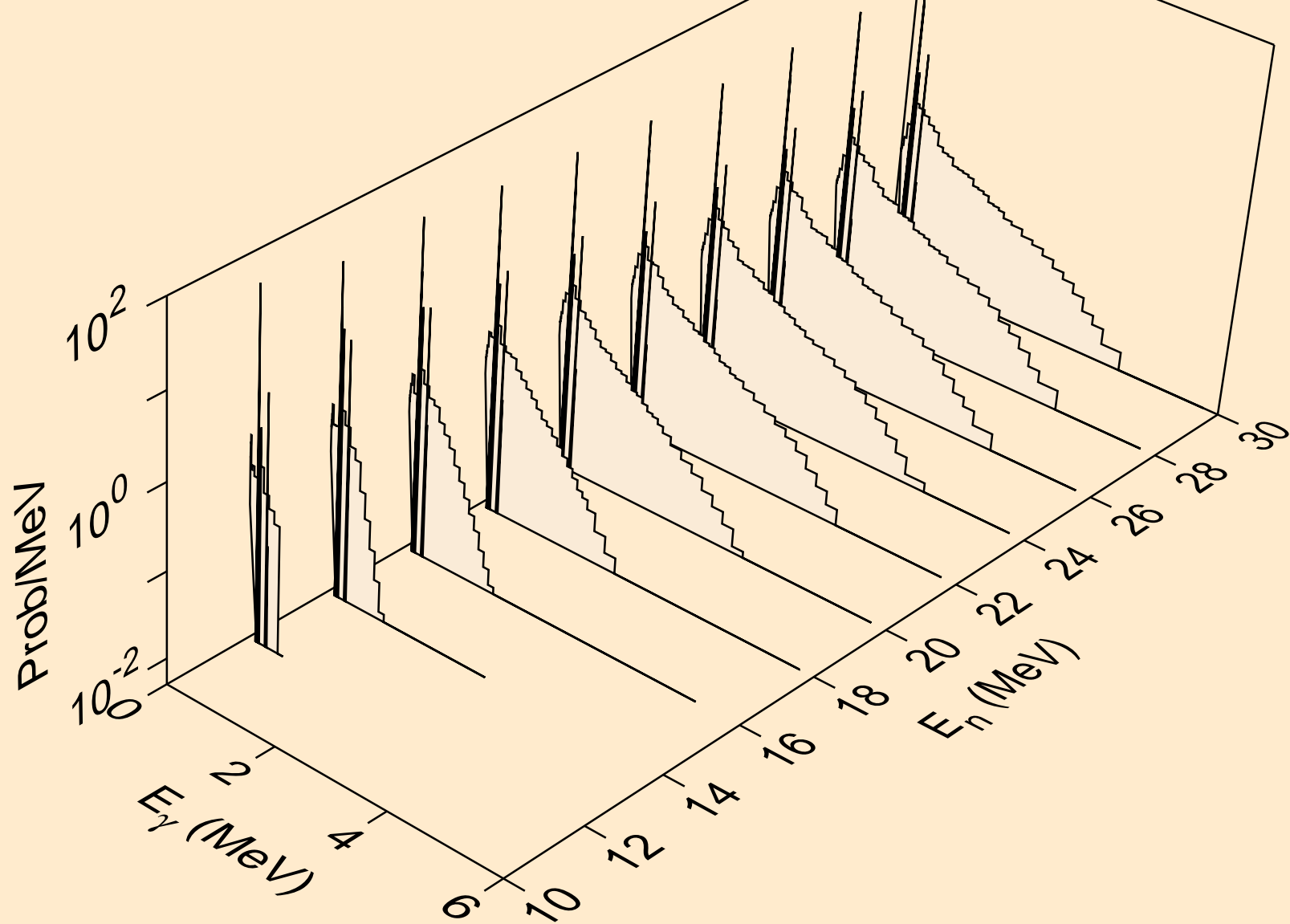
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Photon emission for (n,gma)



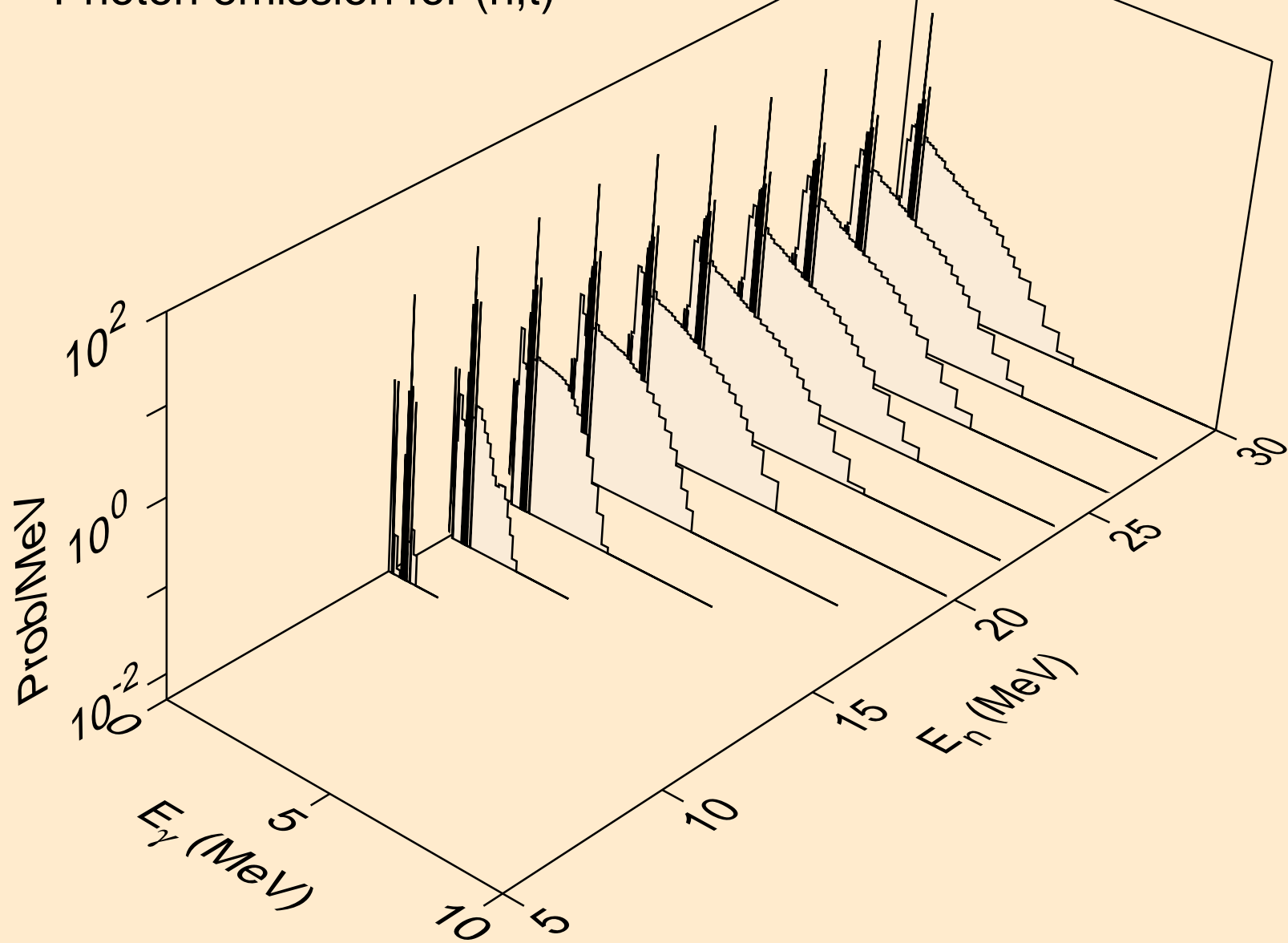
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



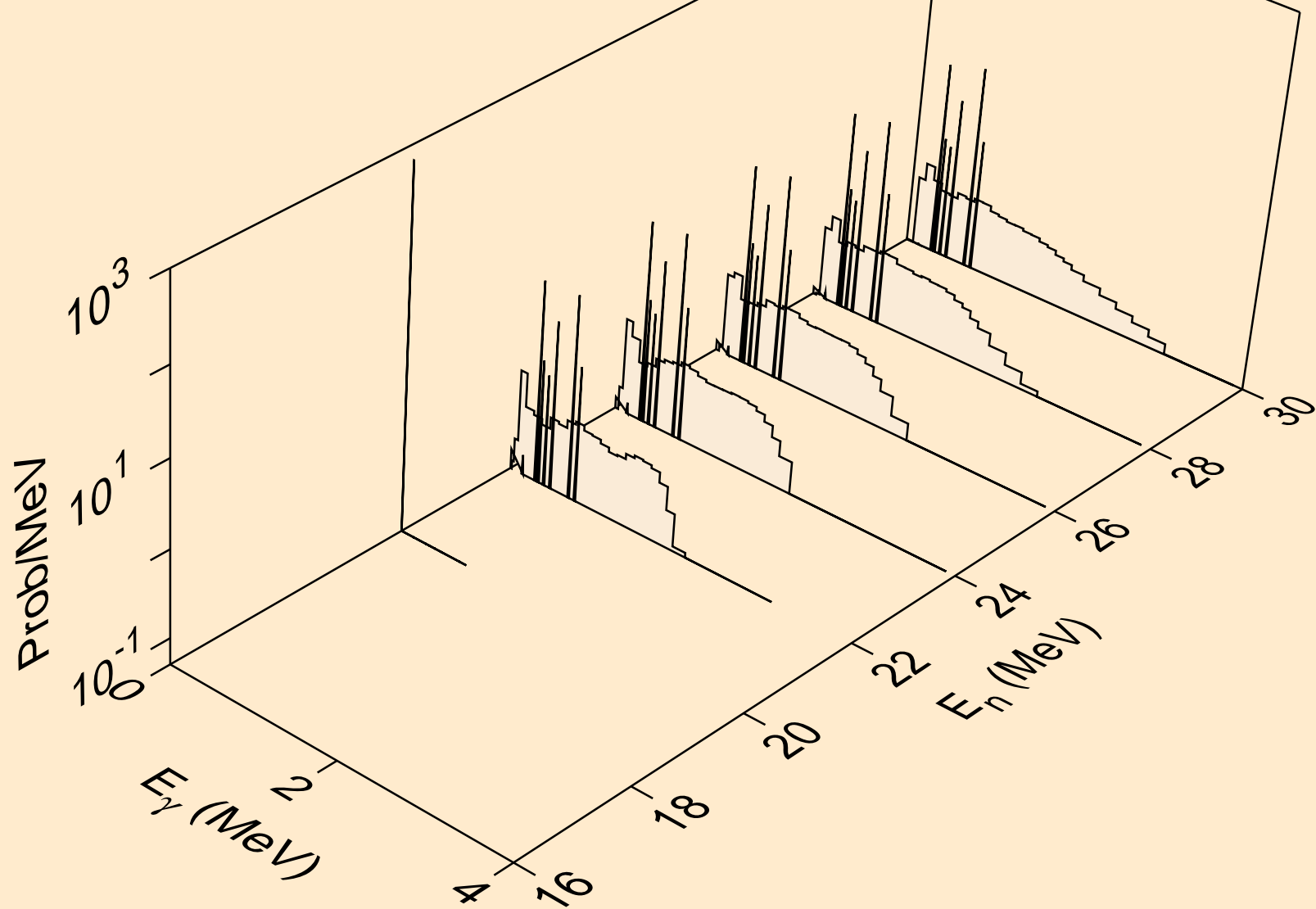
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



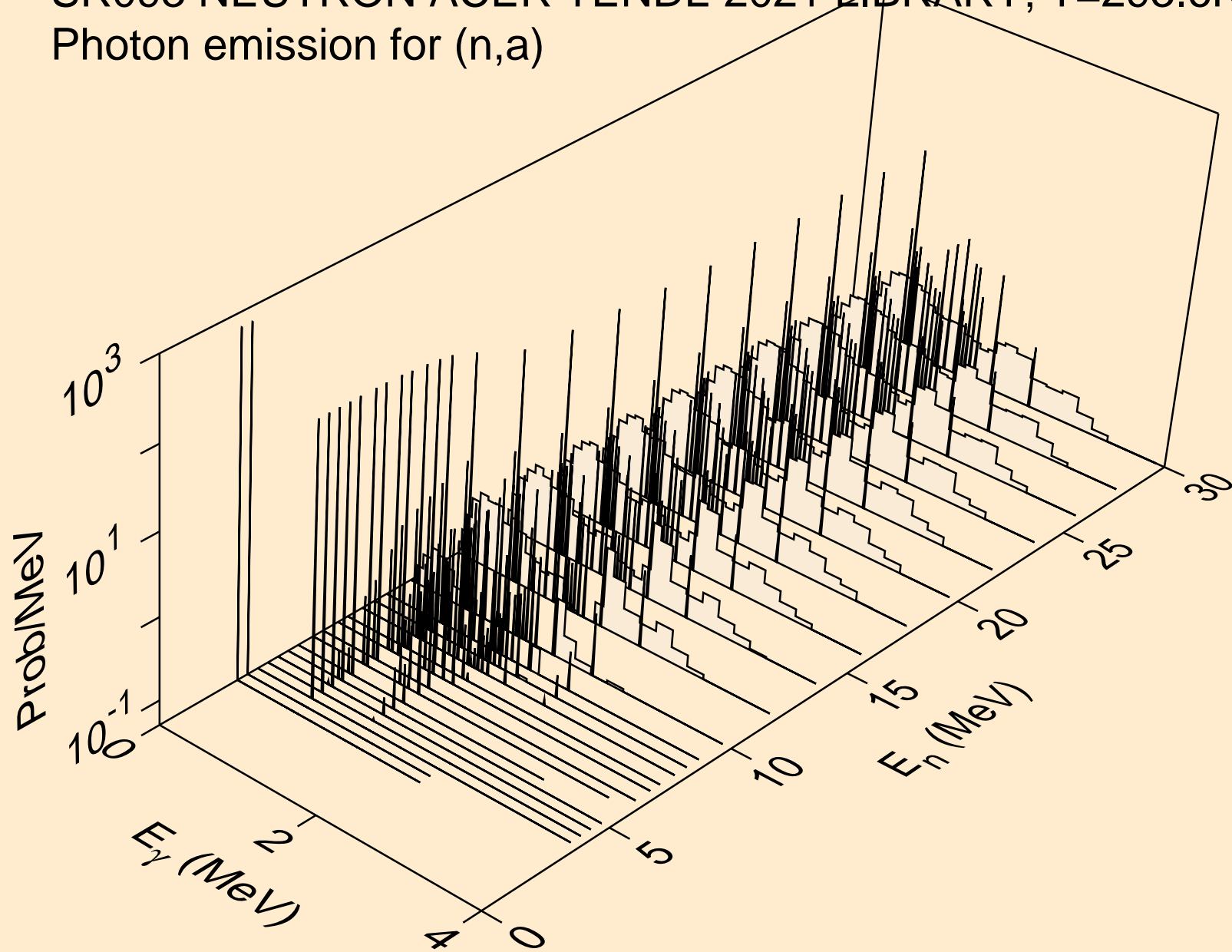
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

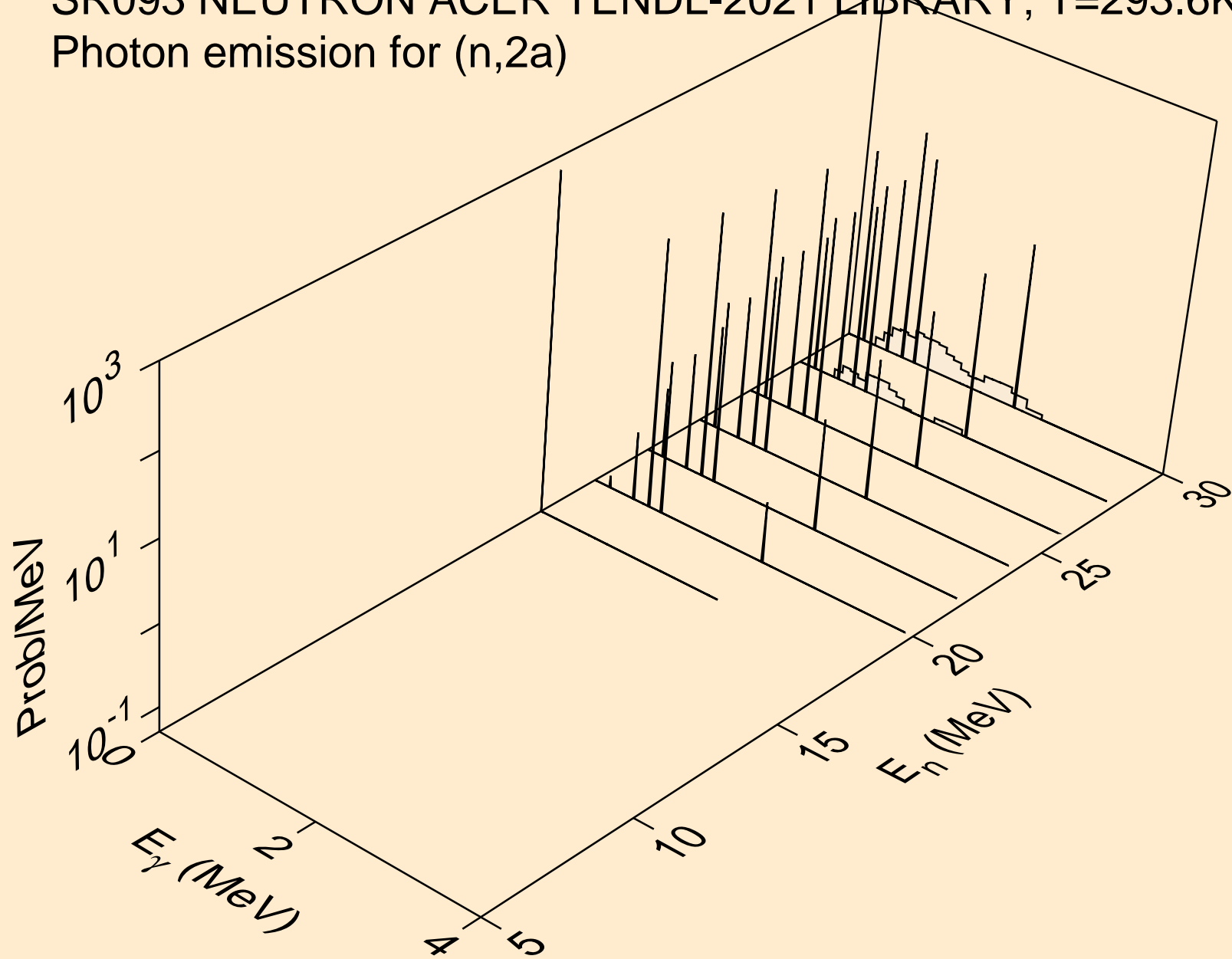


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

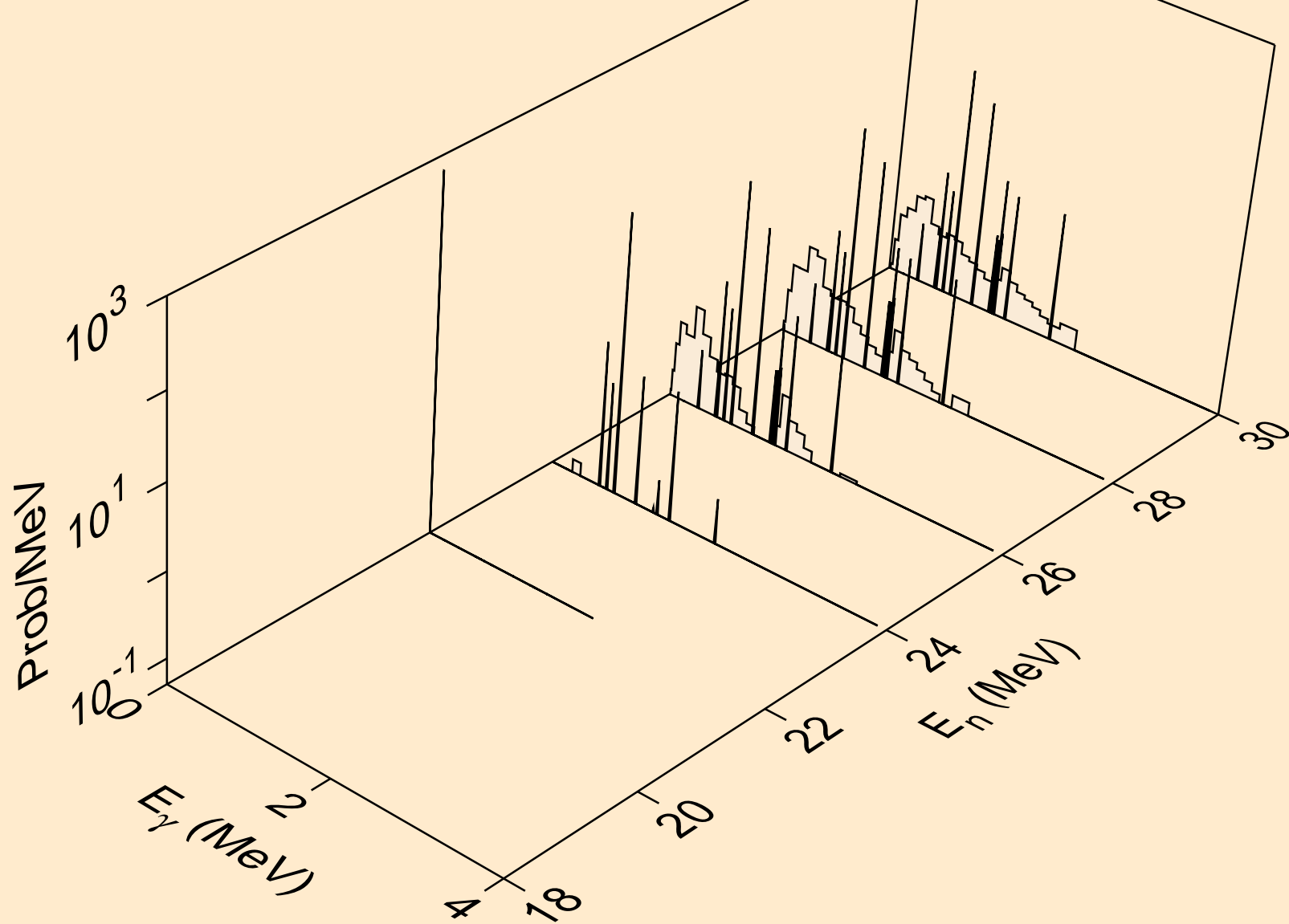




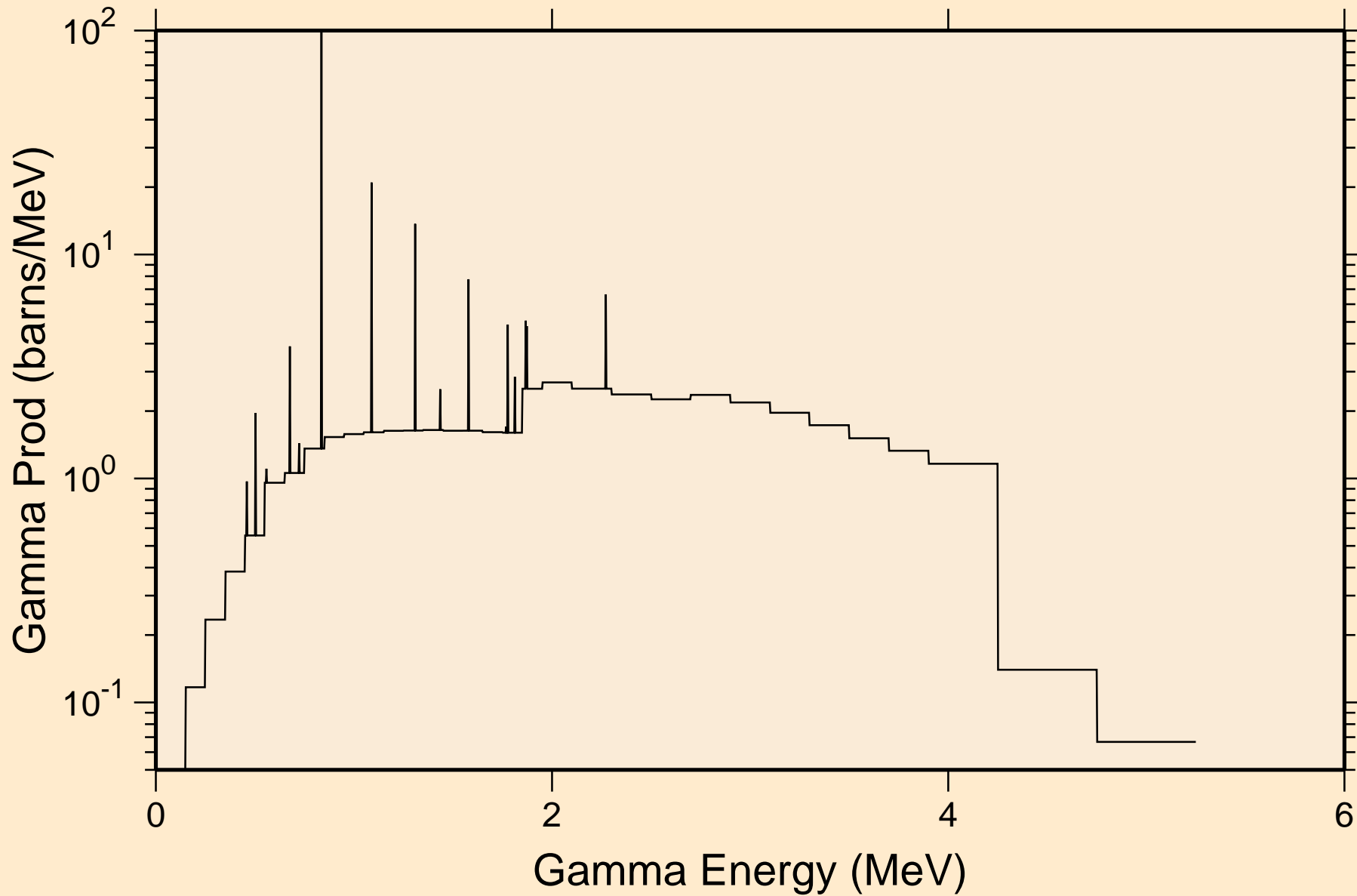
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Photon emission for (n,2a)



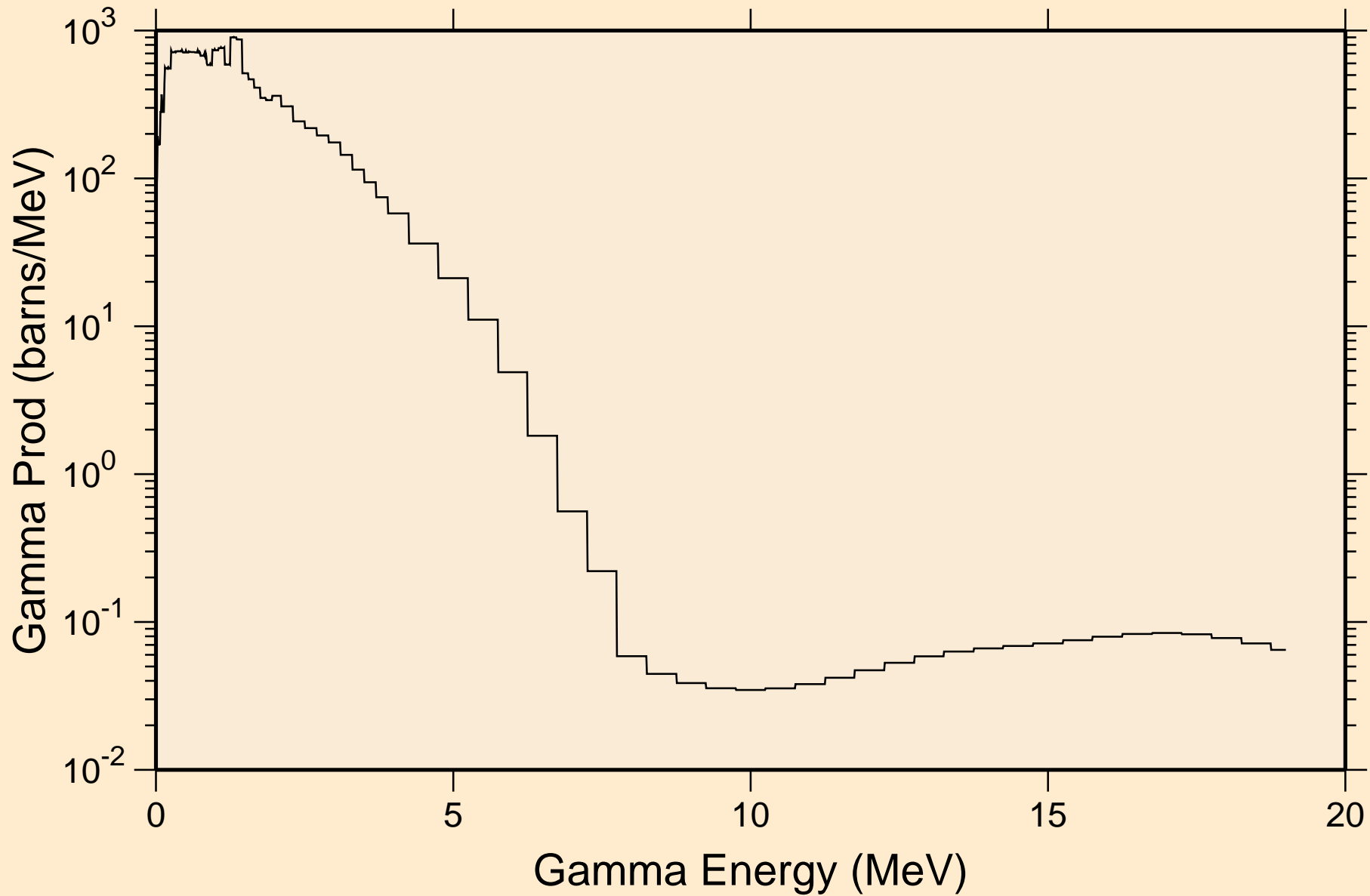
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Photon emission for (n,2p)



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thermal capture photon spectrum

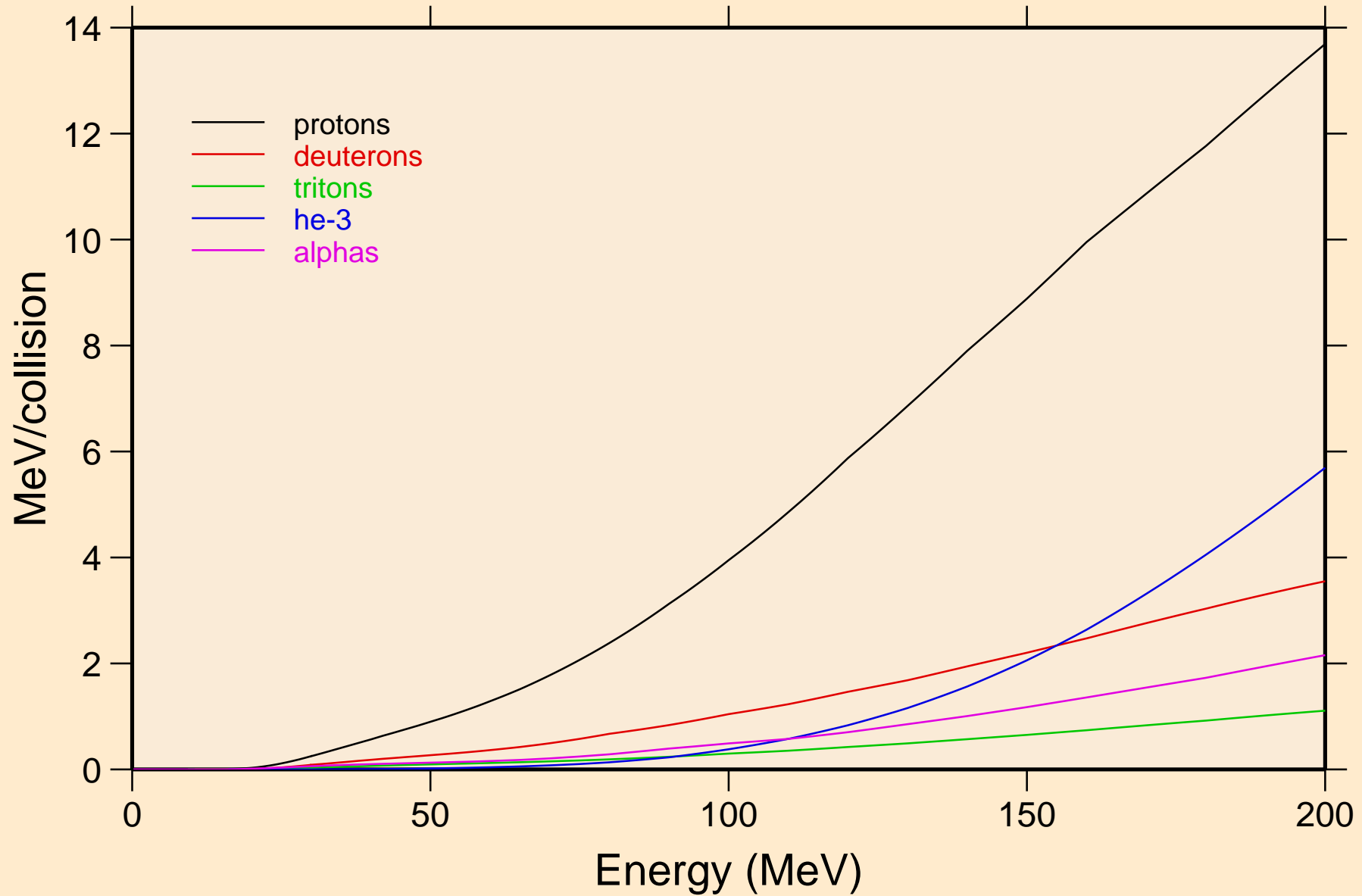


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

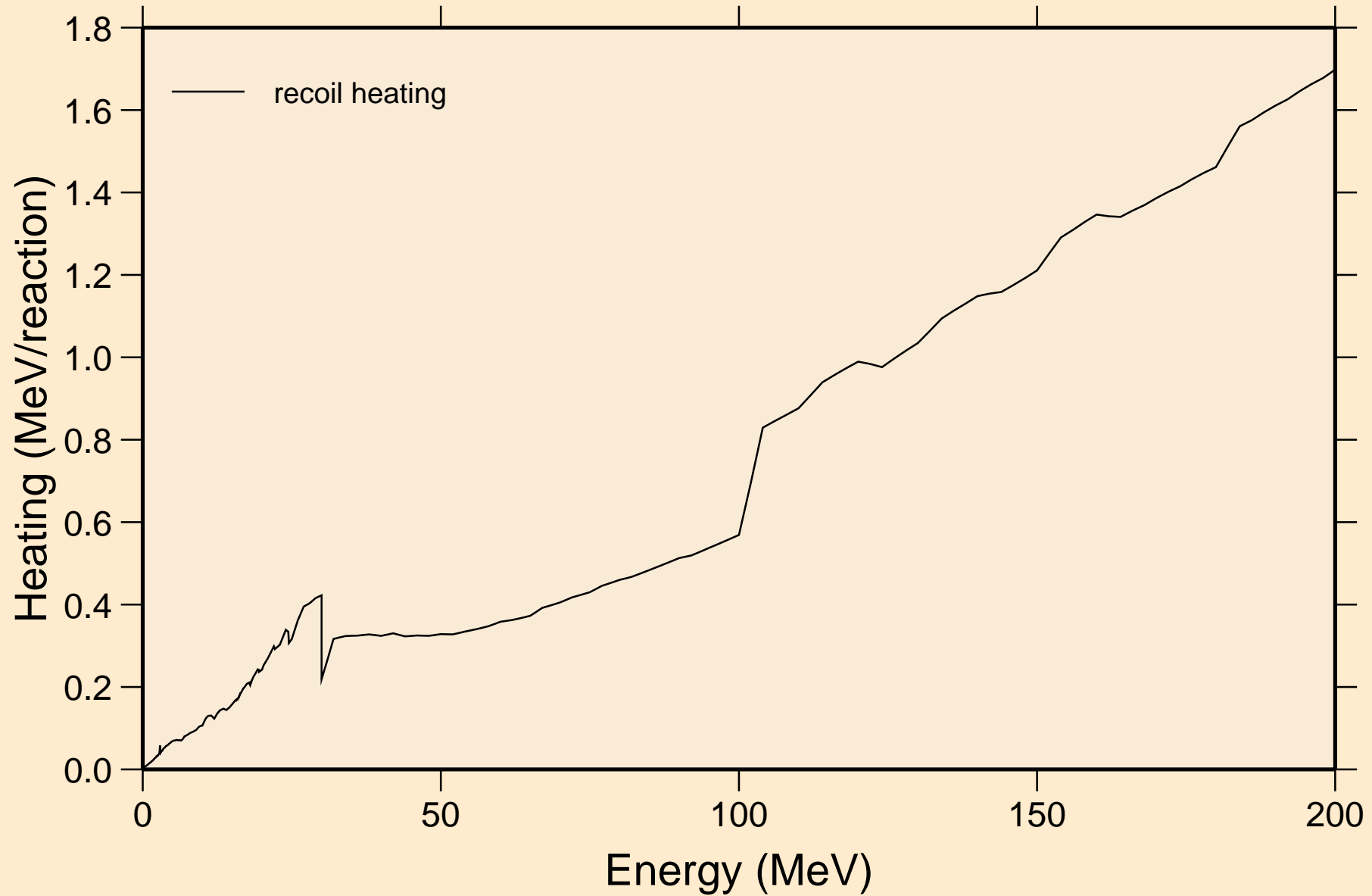


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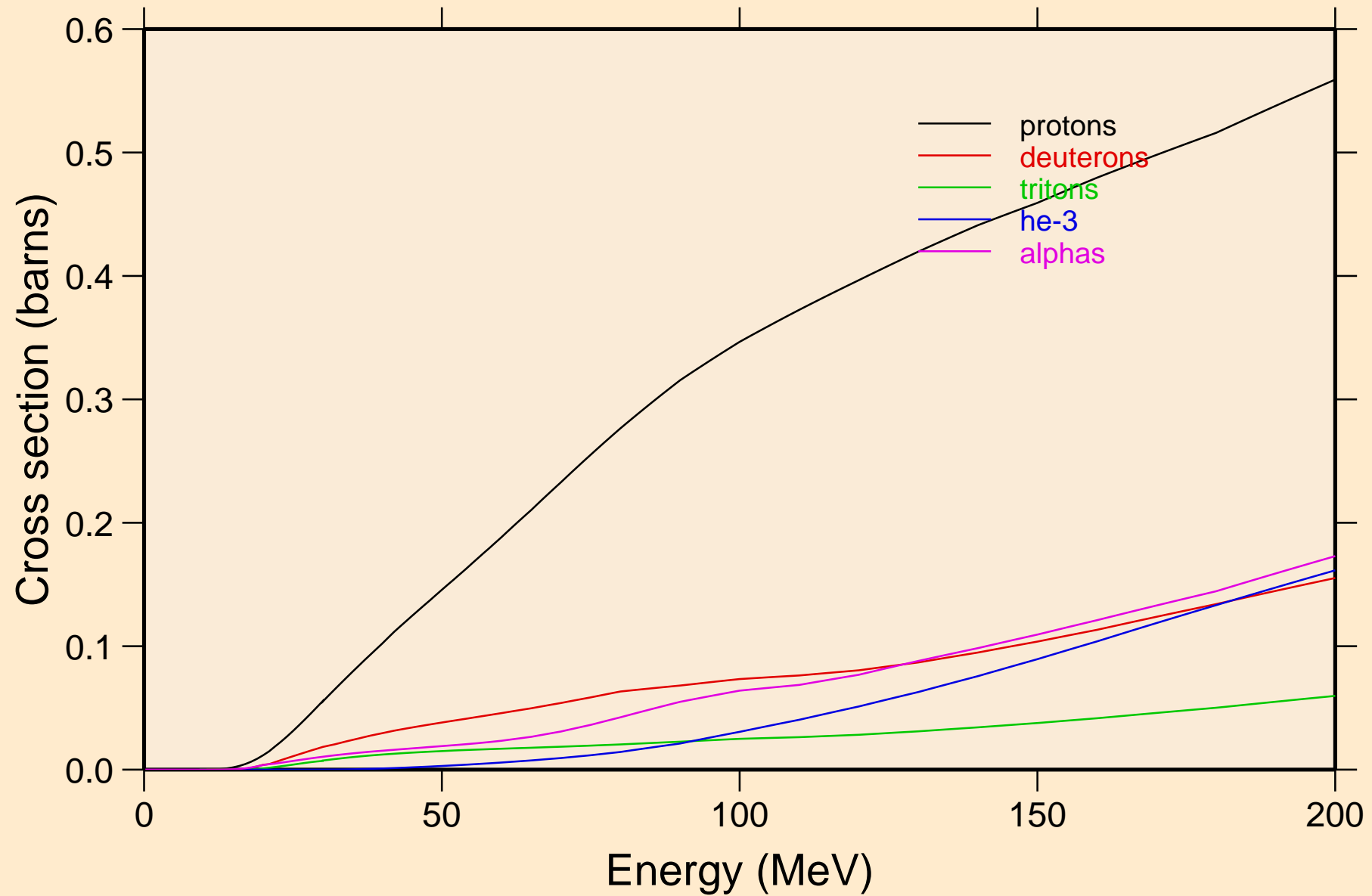
## Particle heating contributions



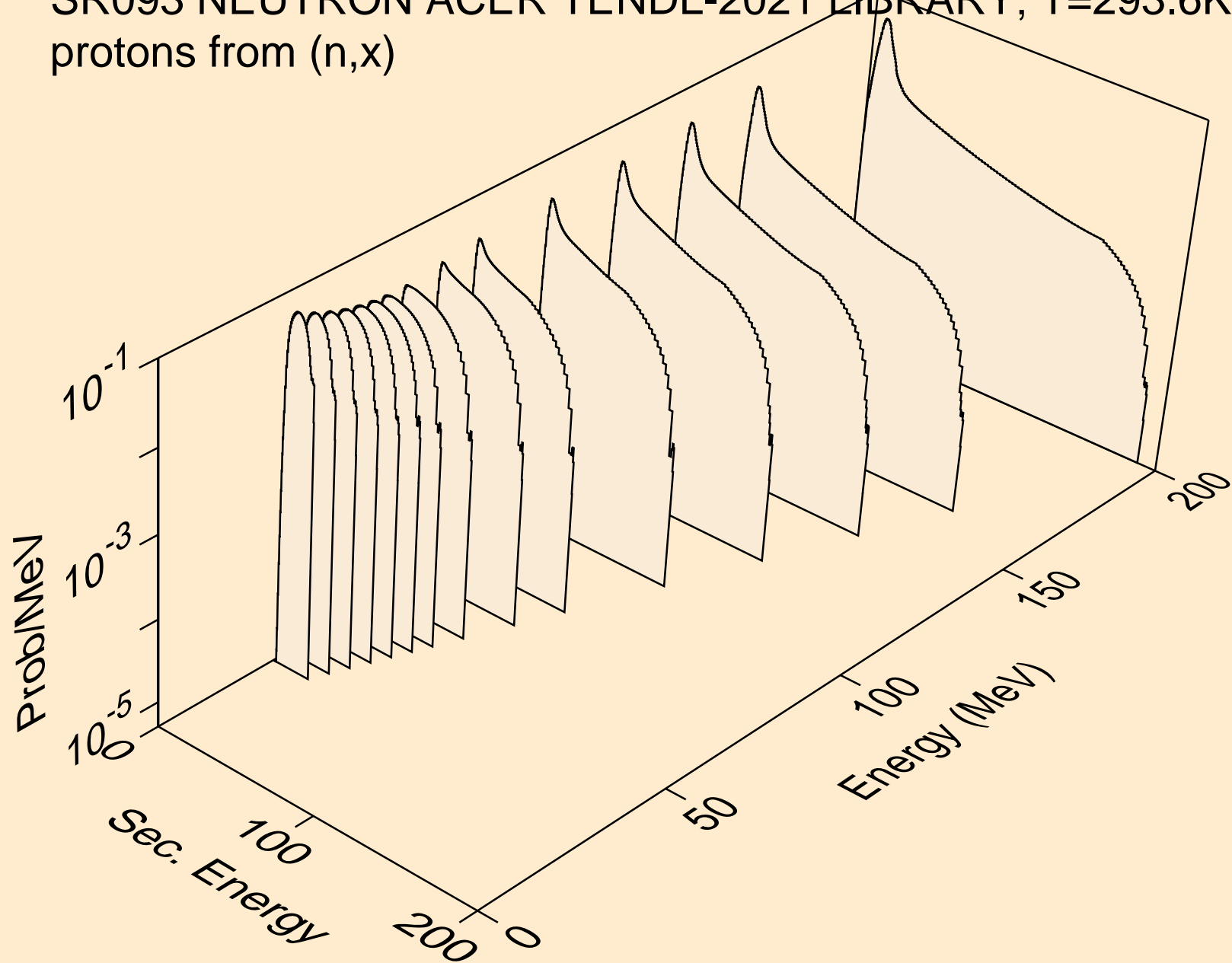
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Recoil Heating



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Particle production cross sections

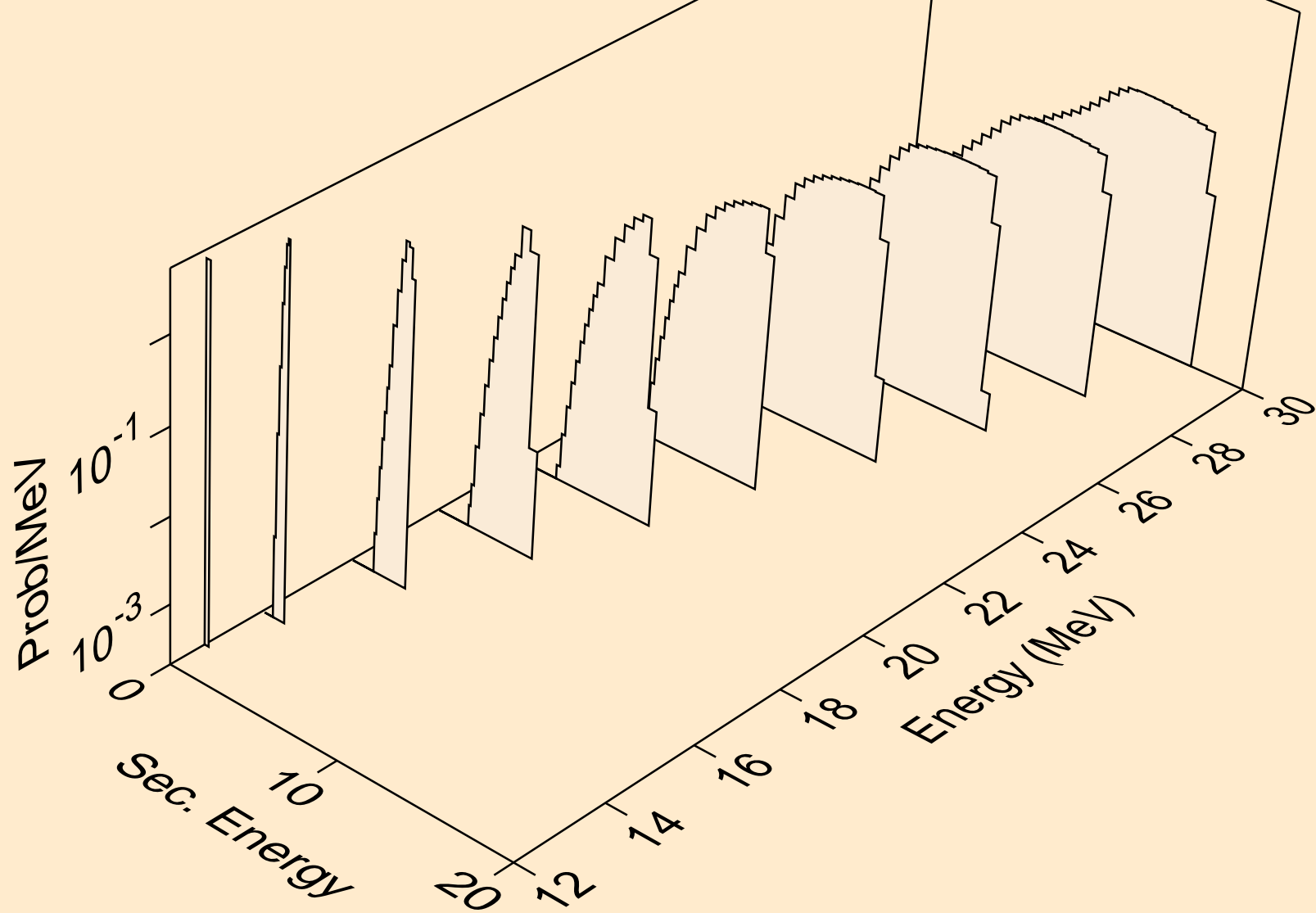


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

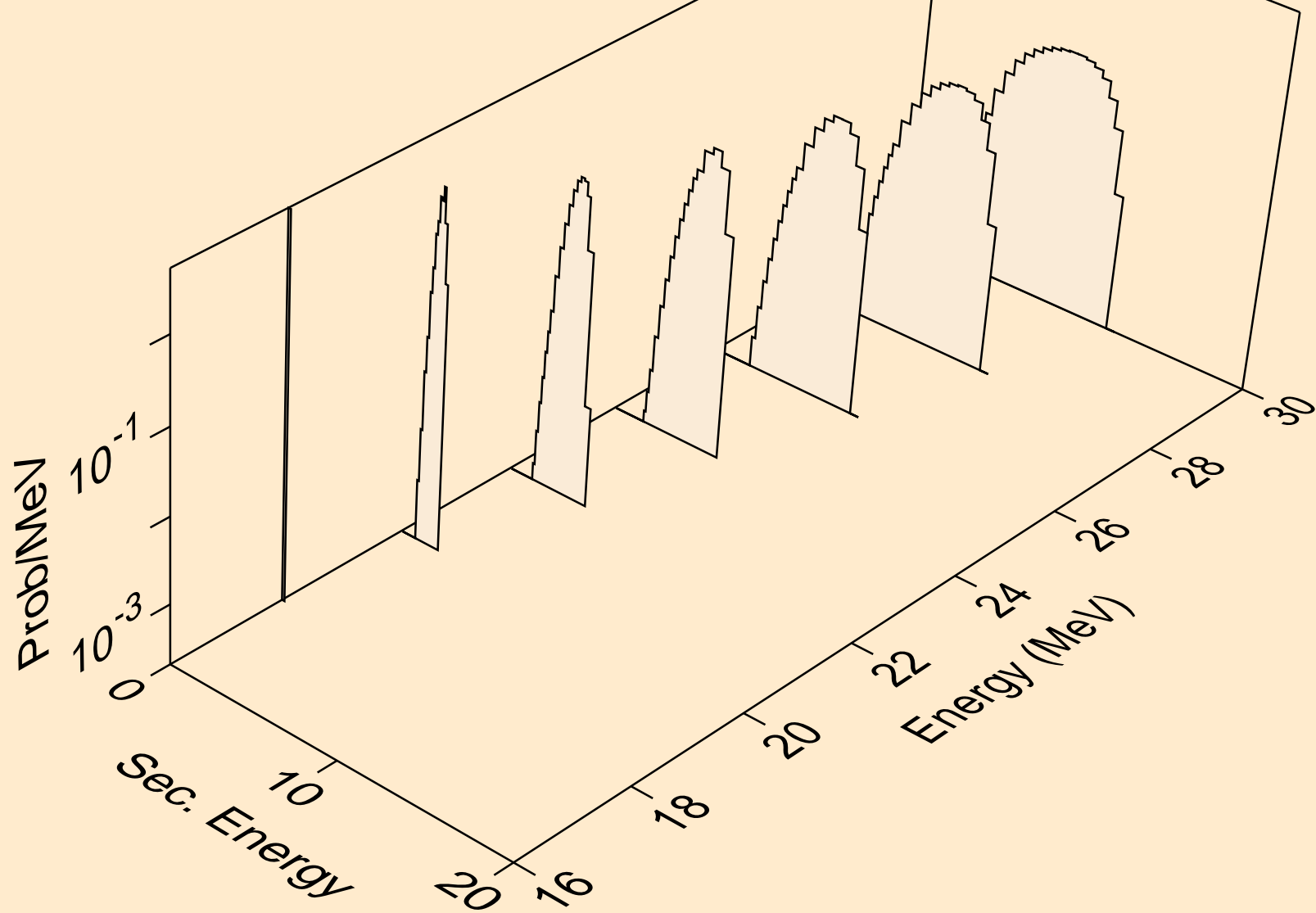




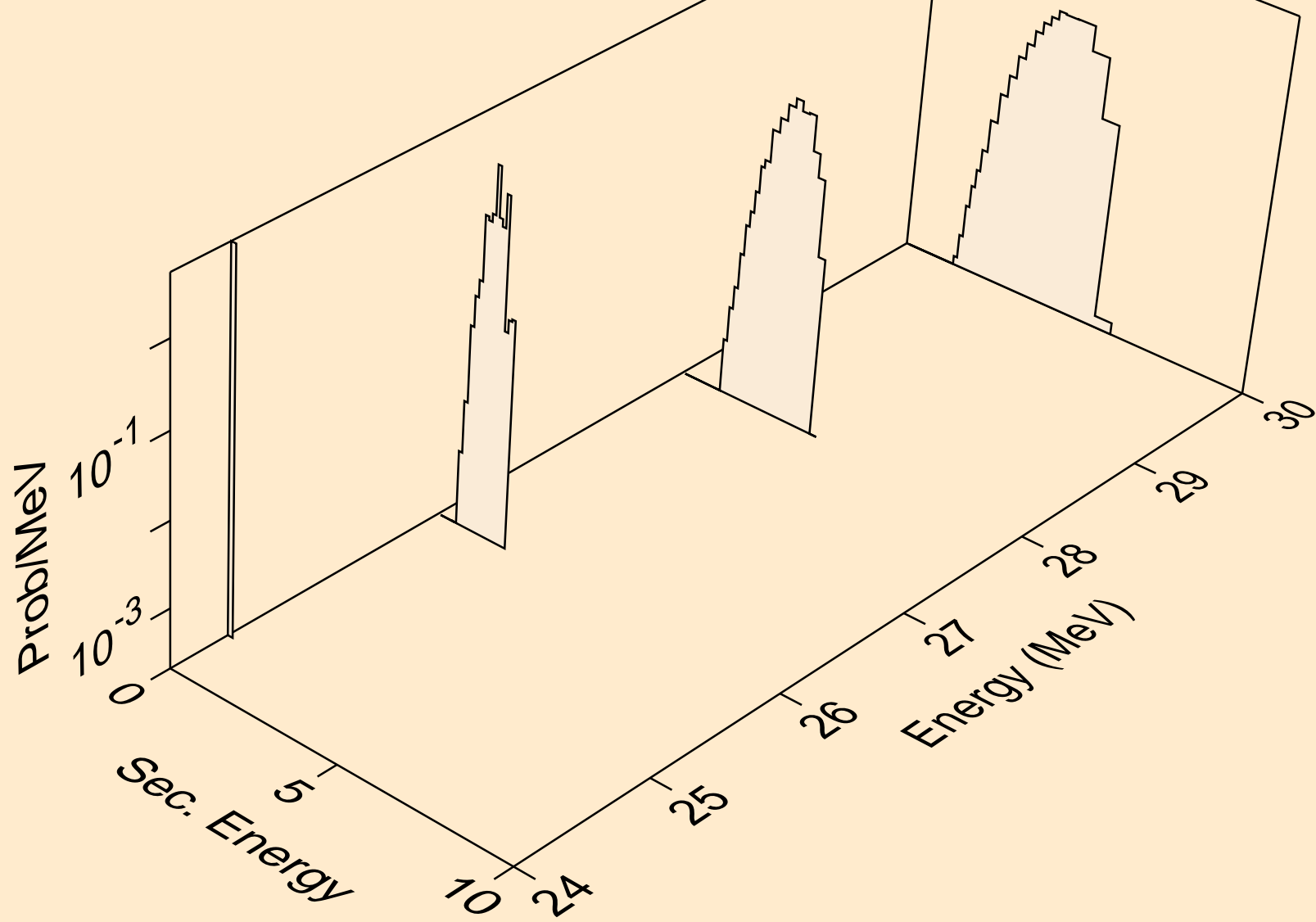
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



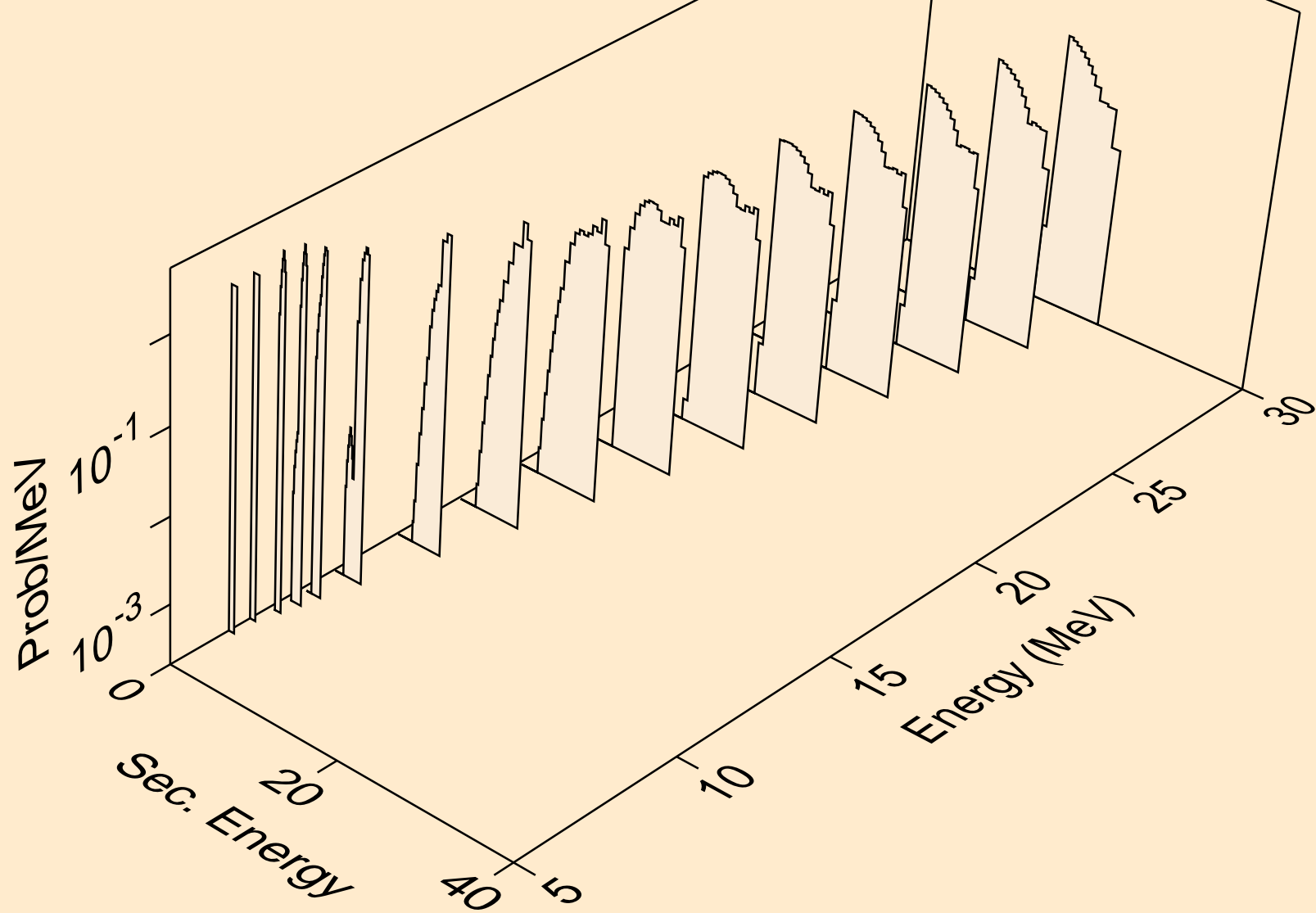
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



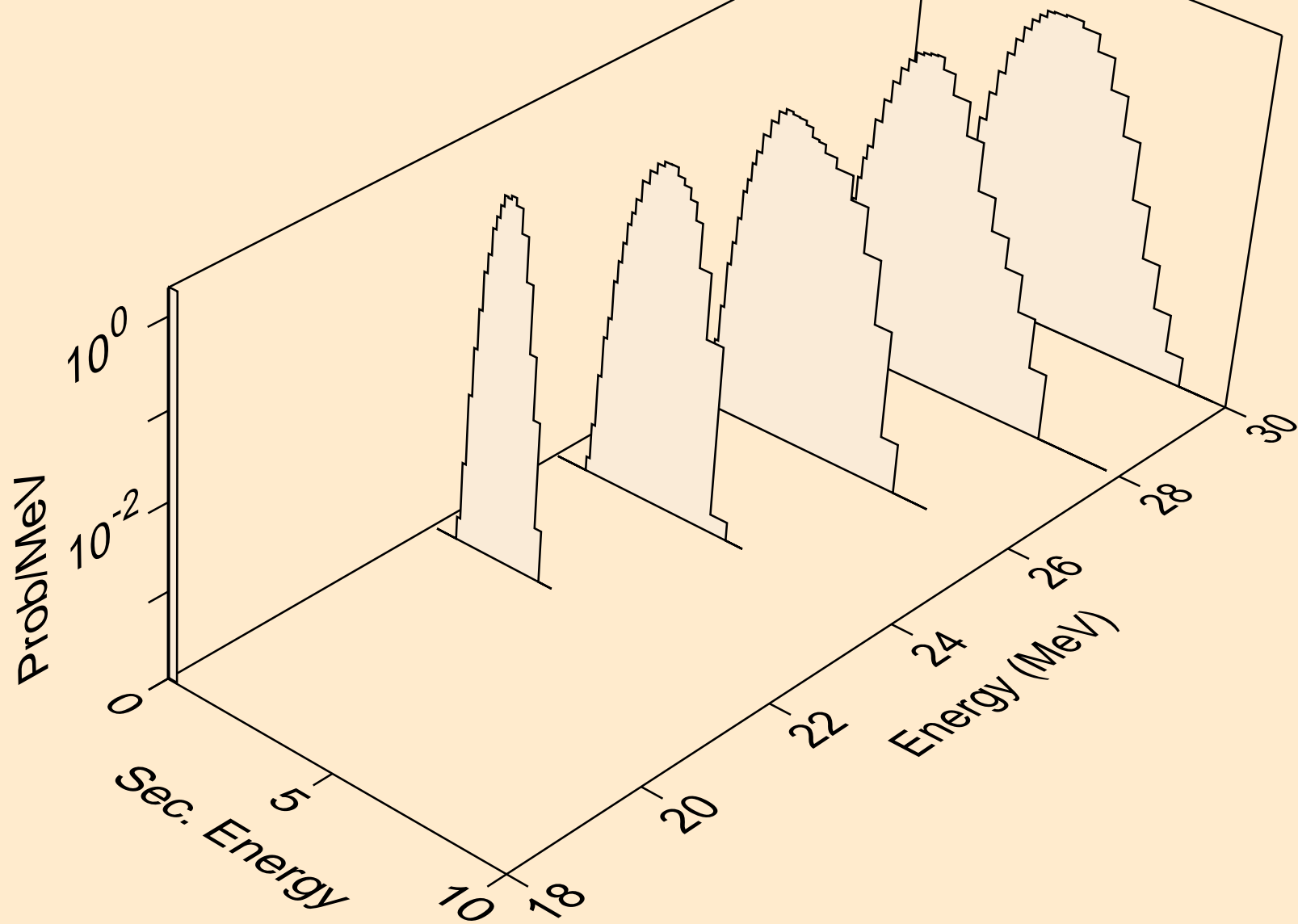
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



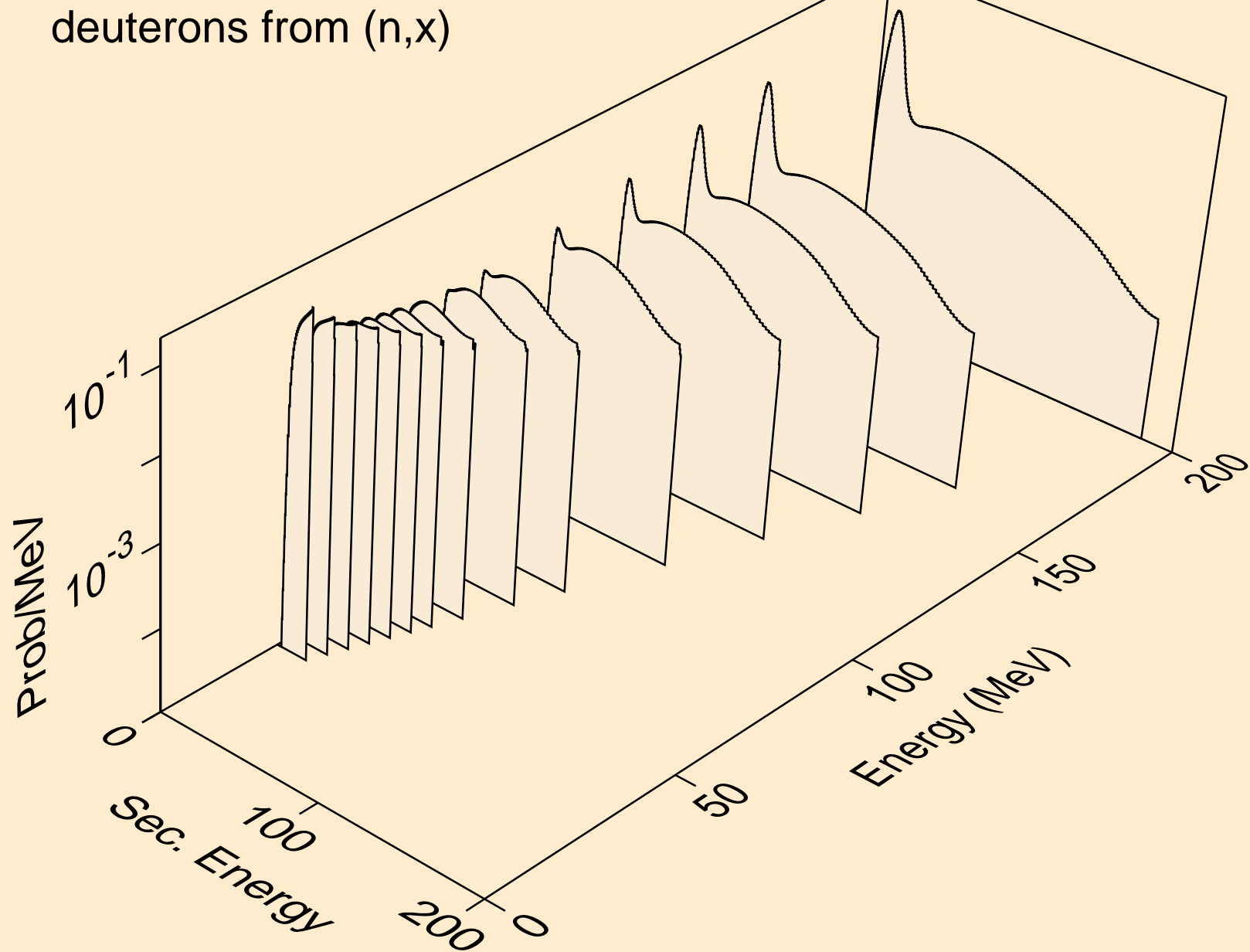
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protons from (n,p)



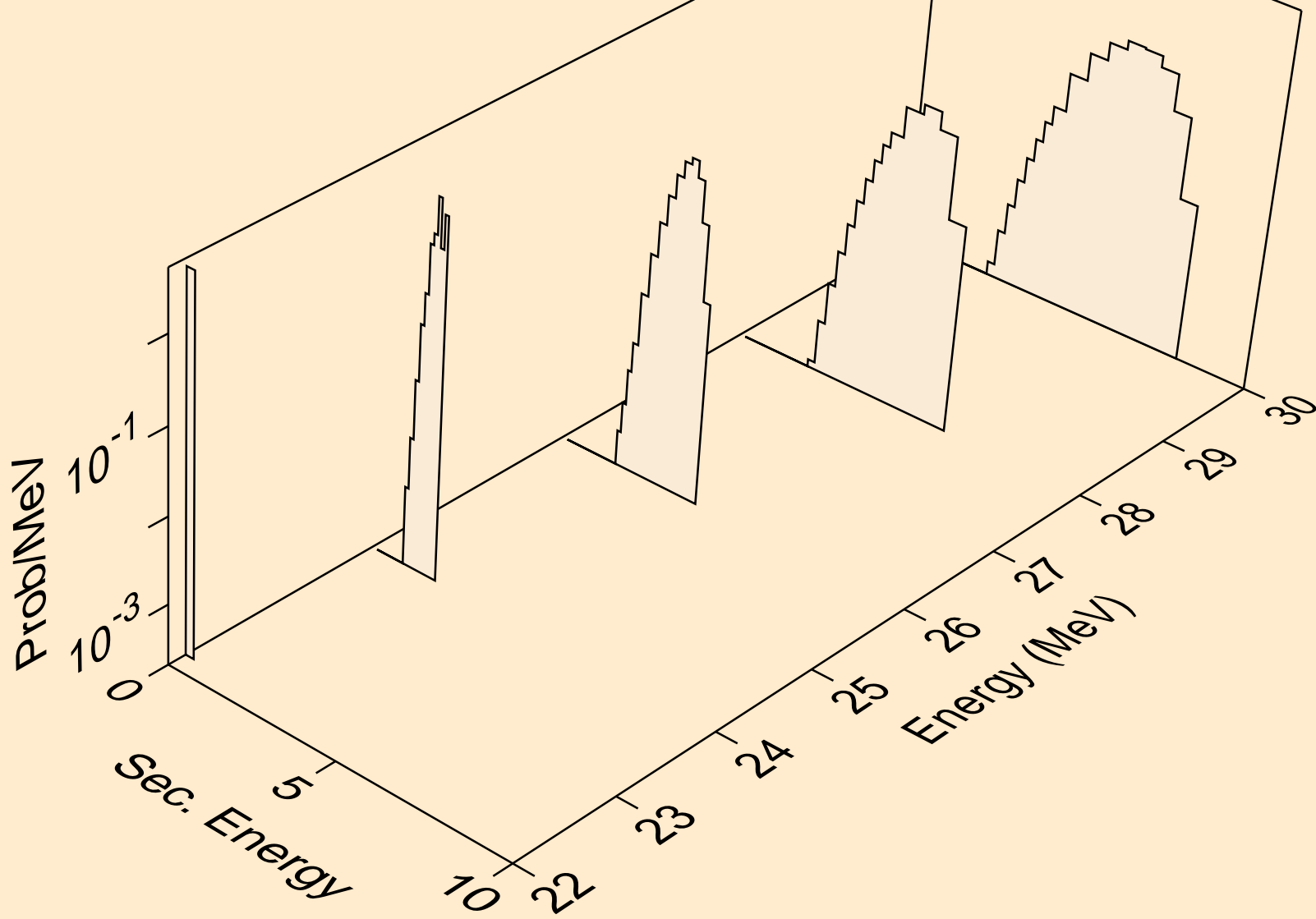
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protons from (n,2p)



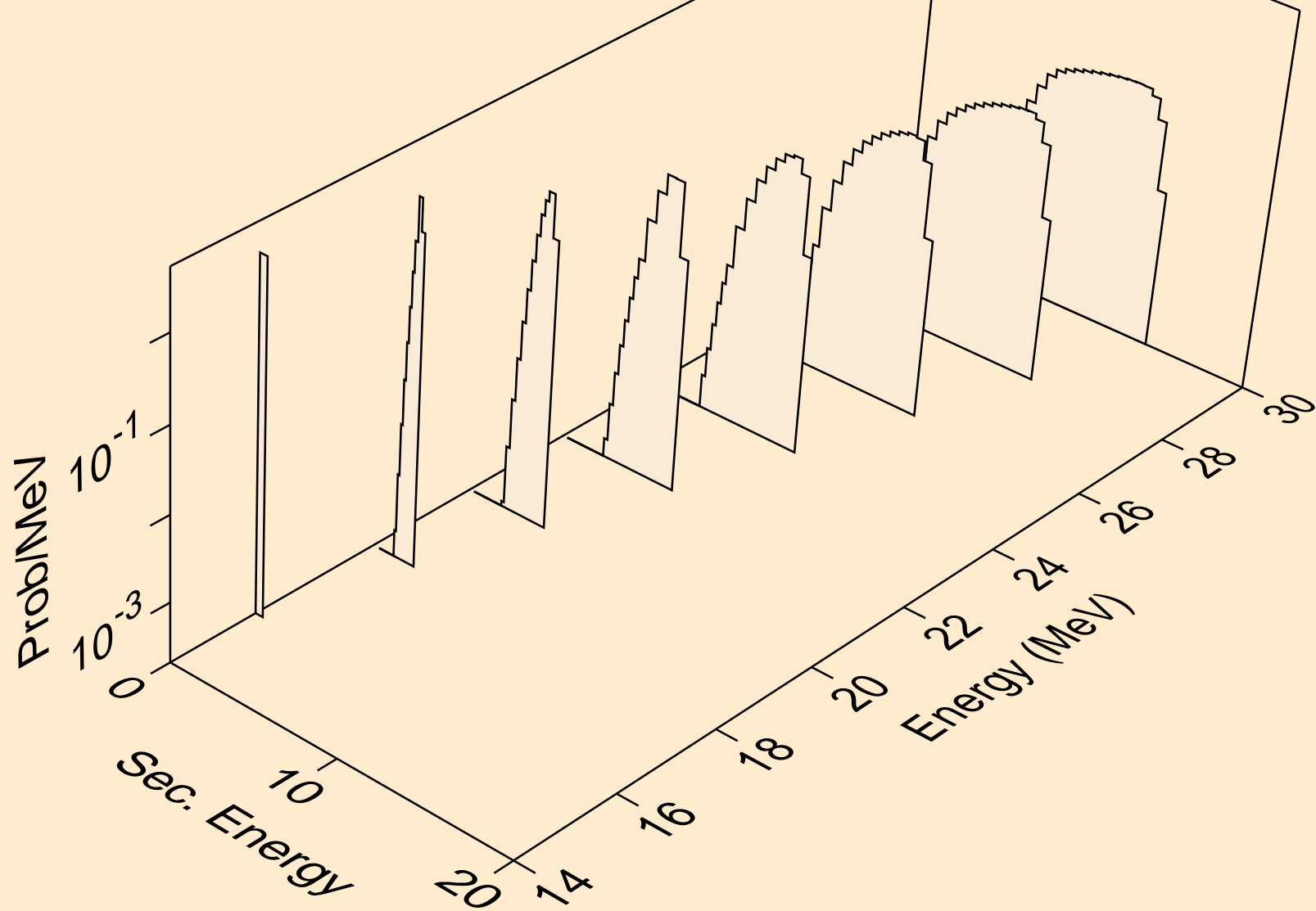
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

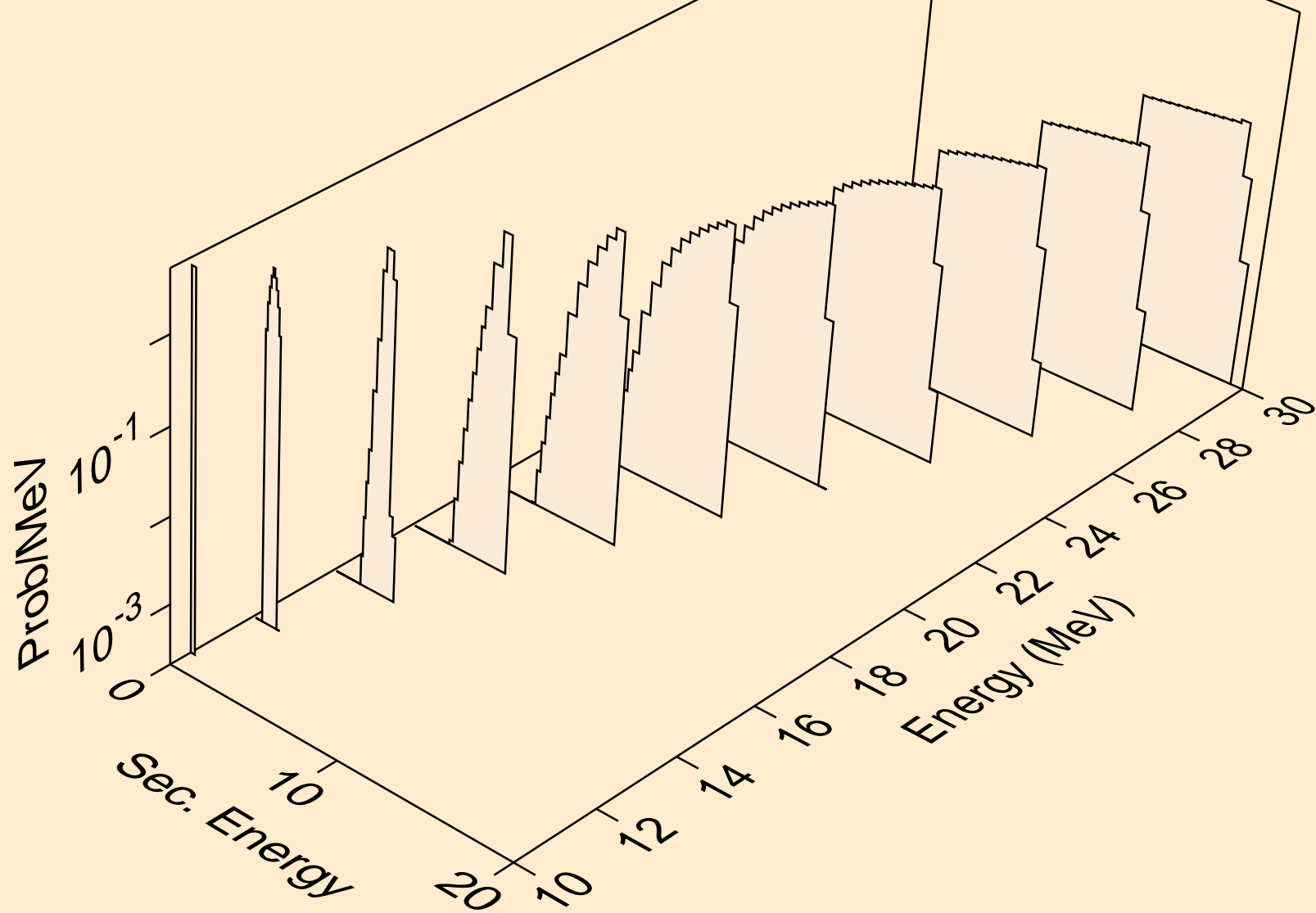


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

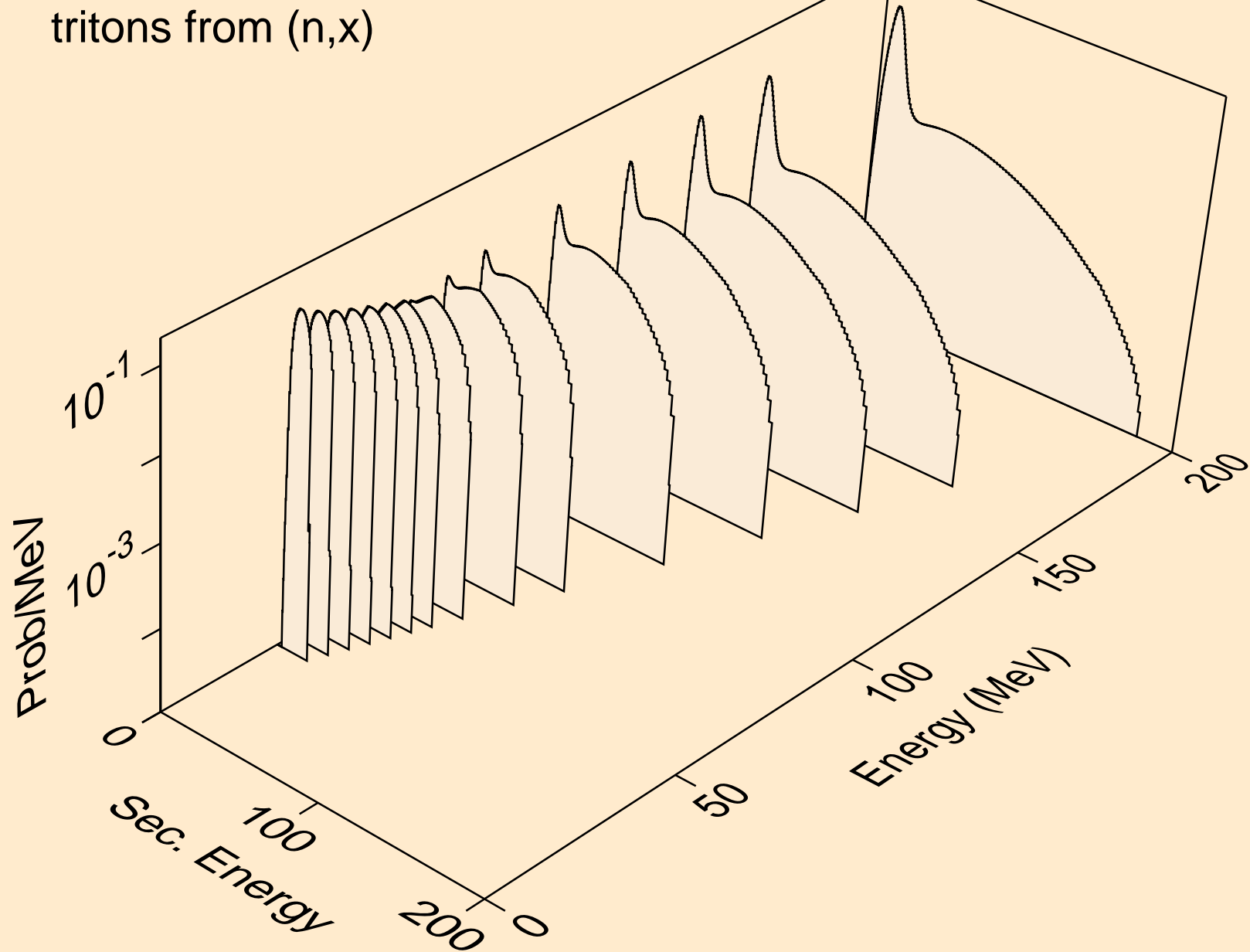




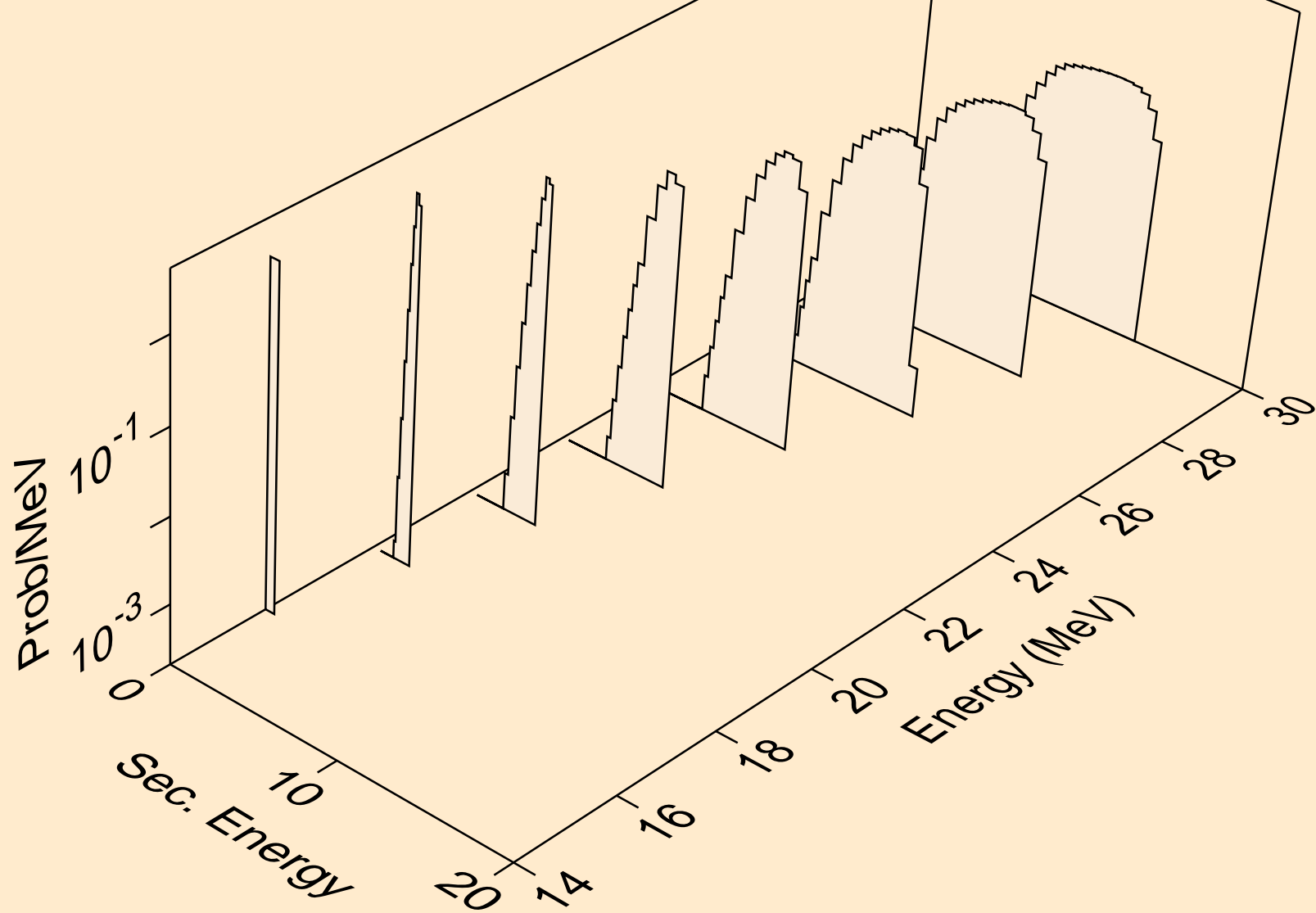
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deuterons from (n,d)



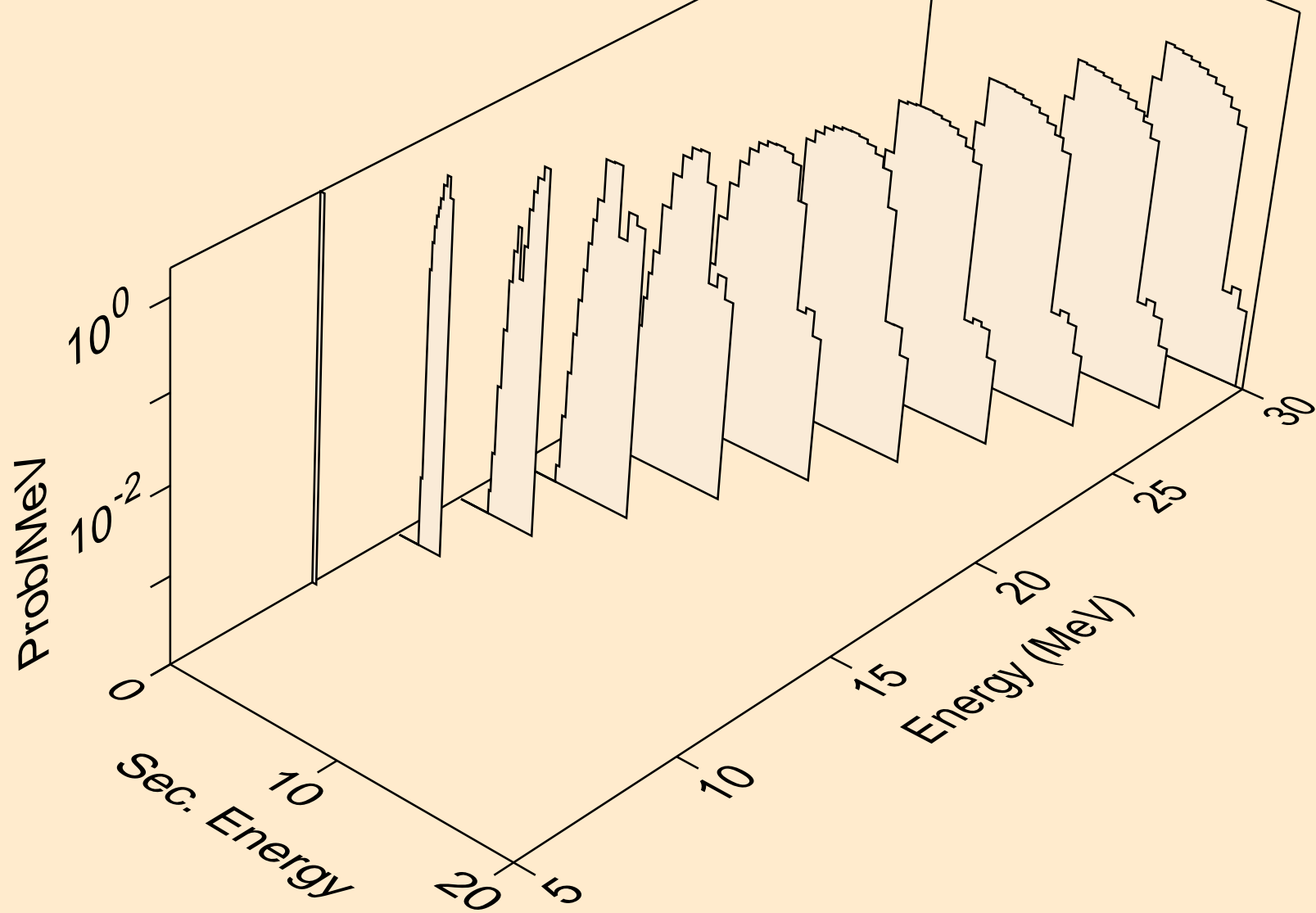
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



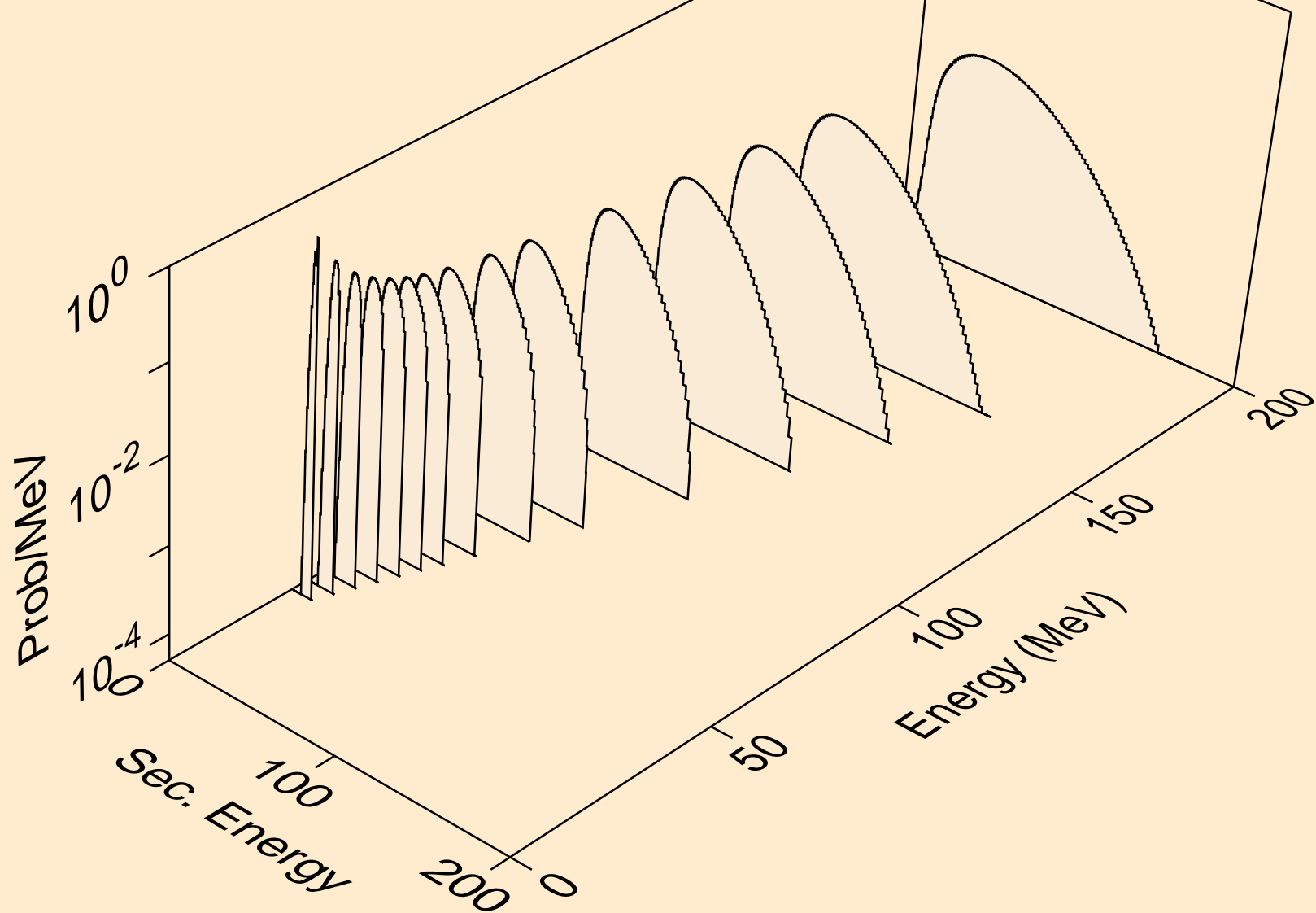
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



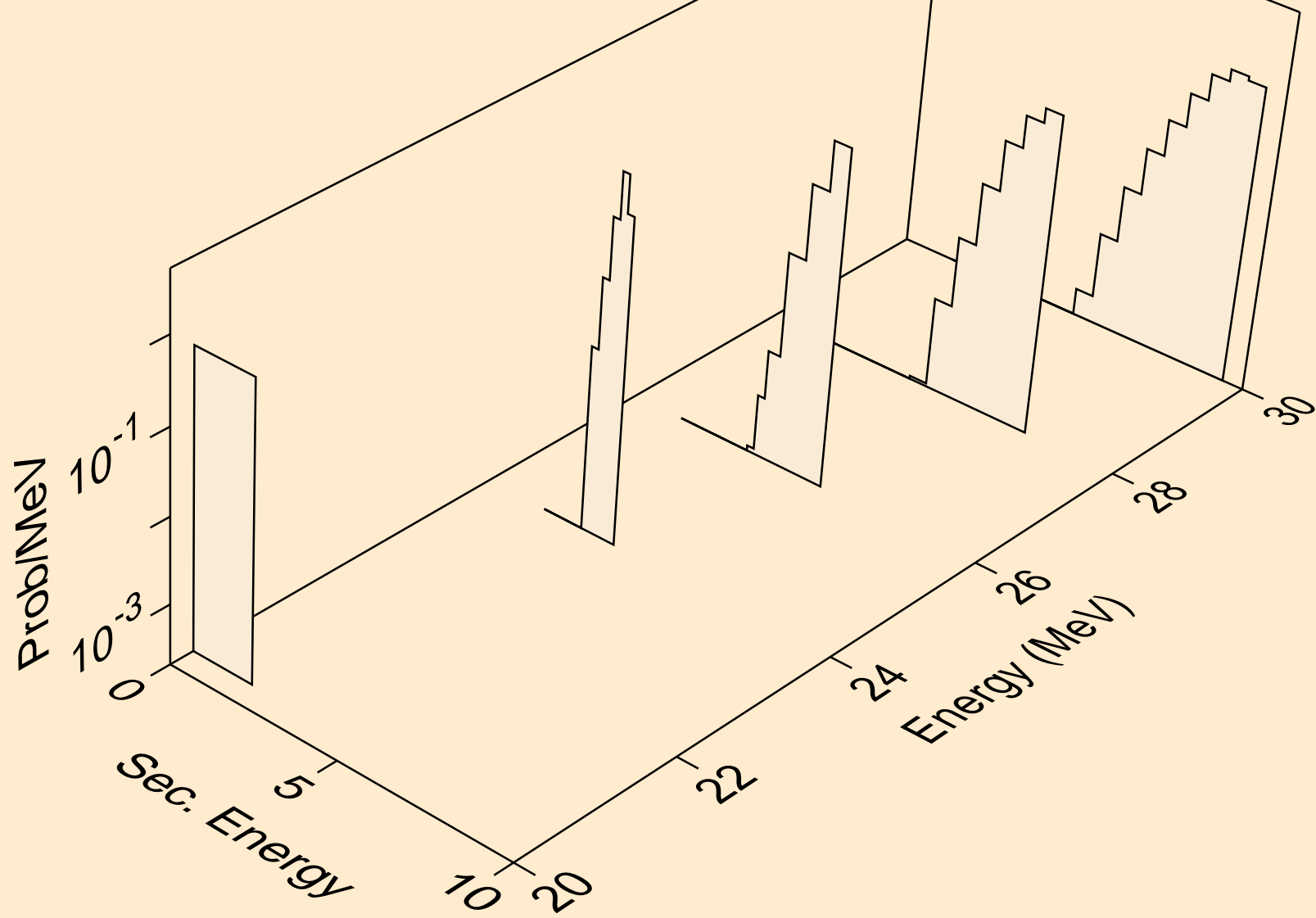
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tritons from (n,t)



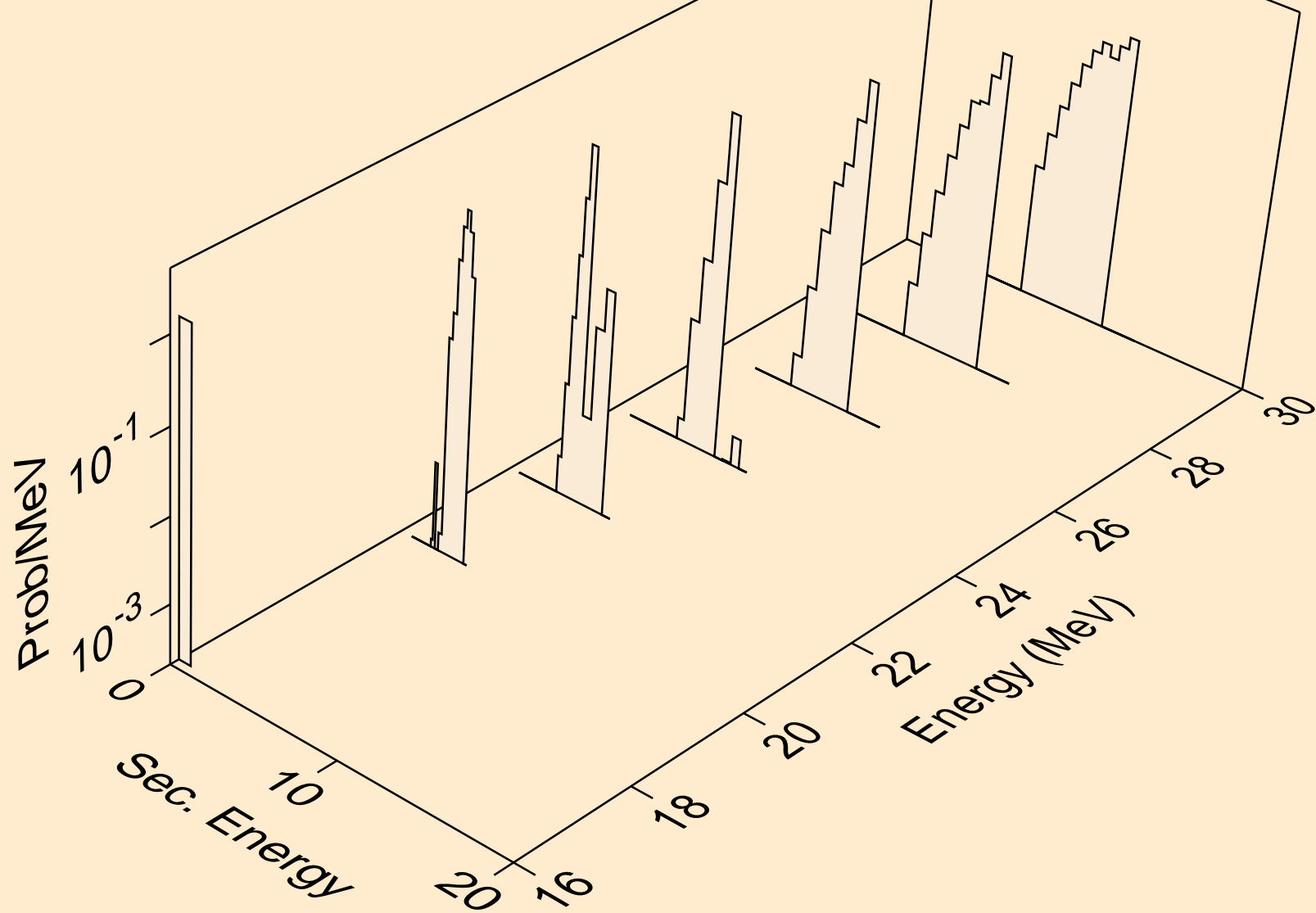
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he3s from (n,x)



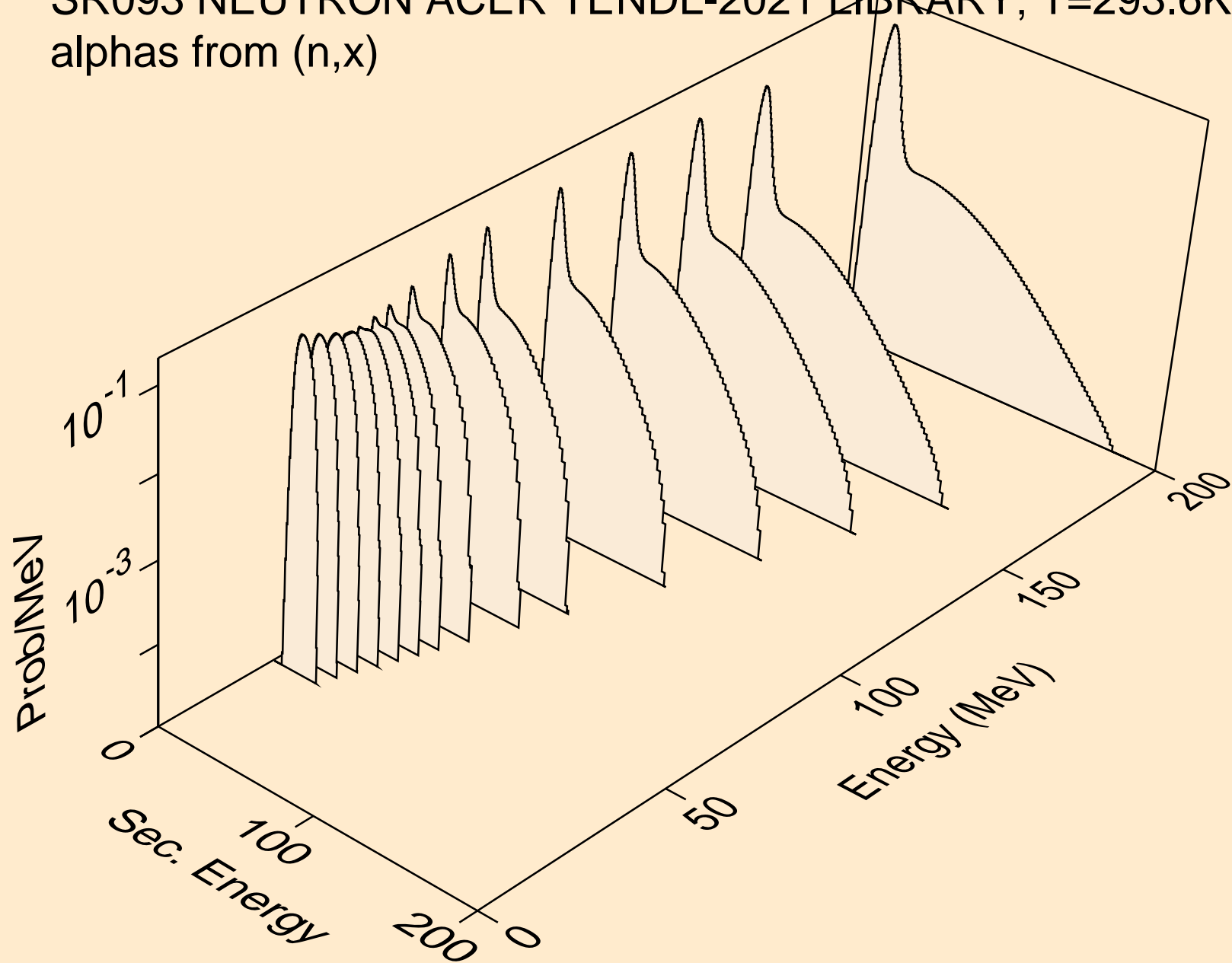
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

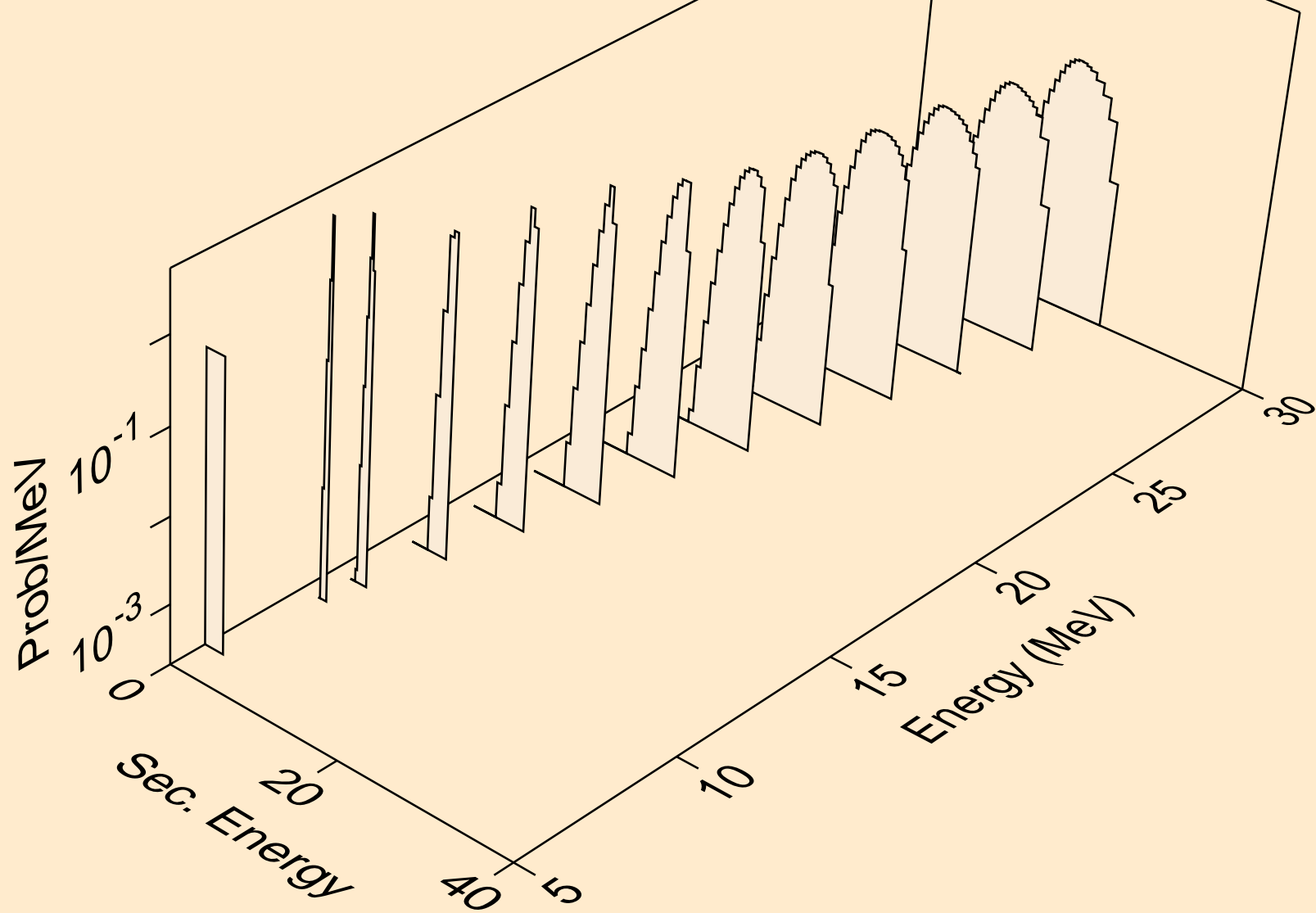


SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

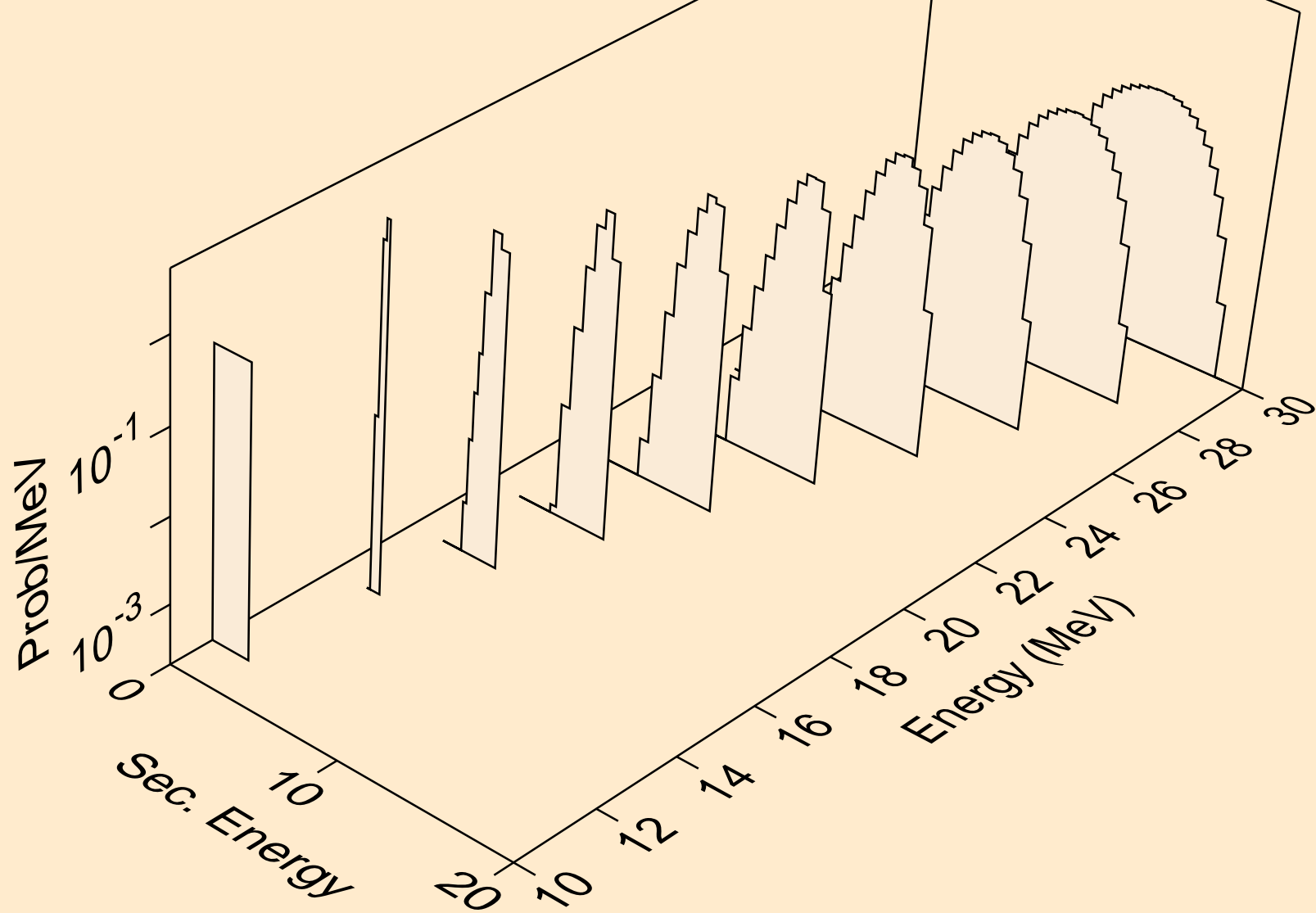




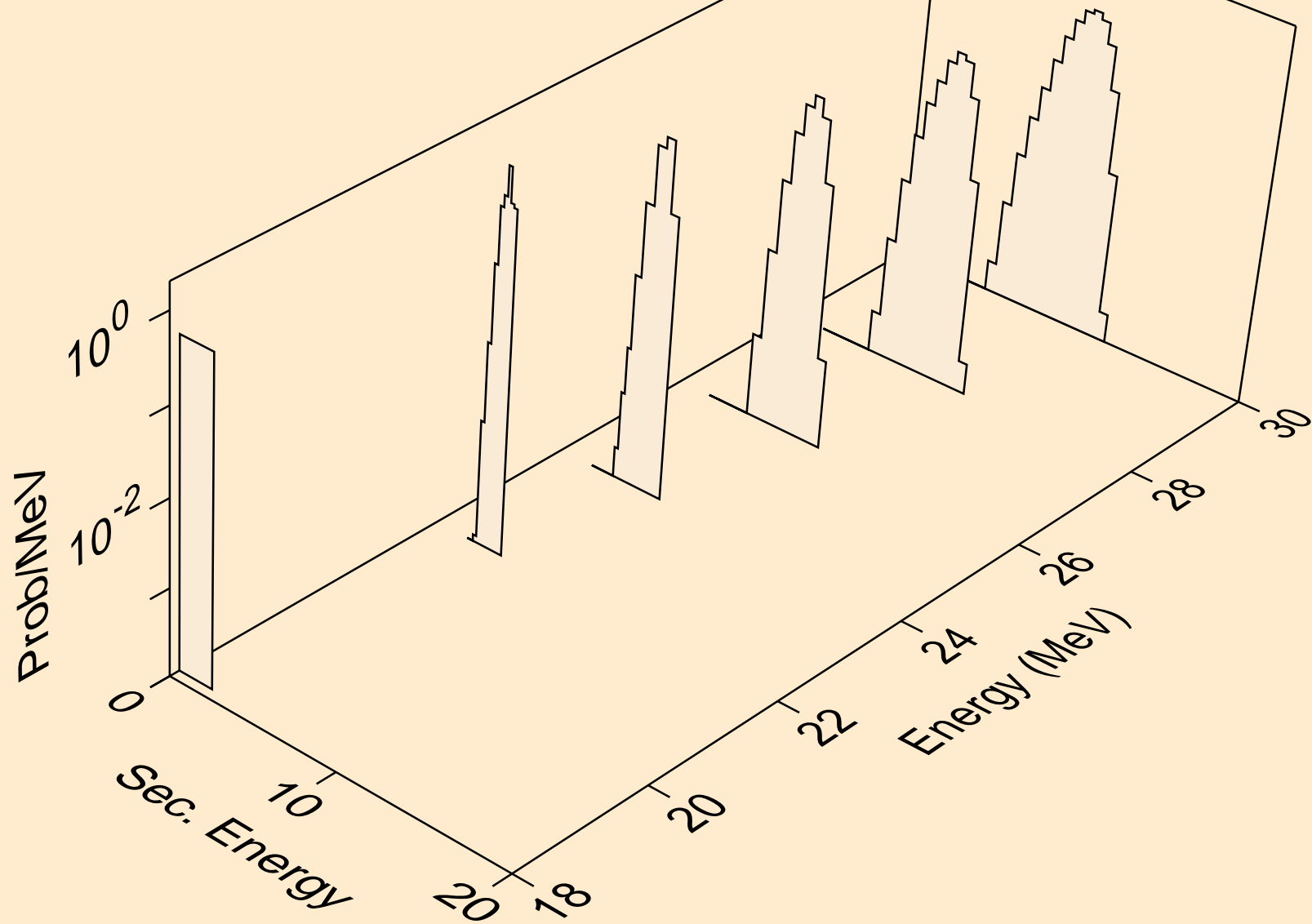
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alphas from (n,n\*)a



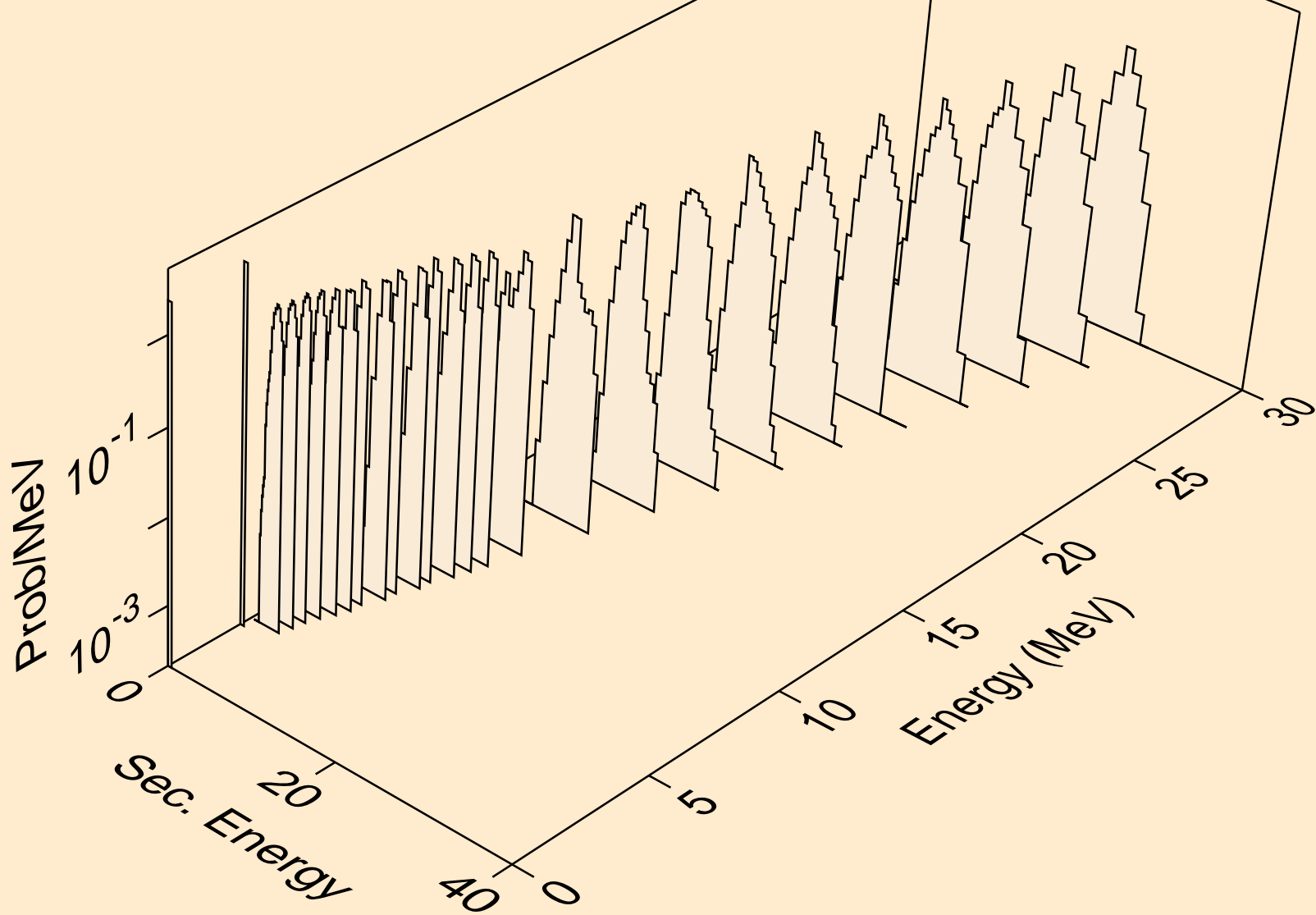
SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



SR093 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)

