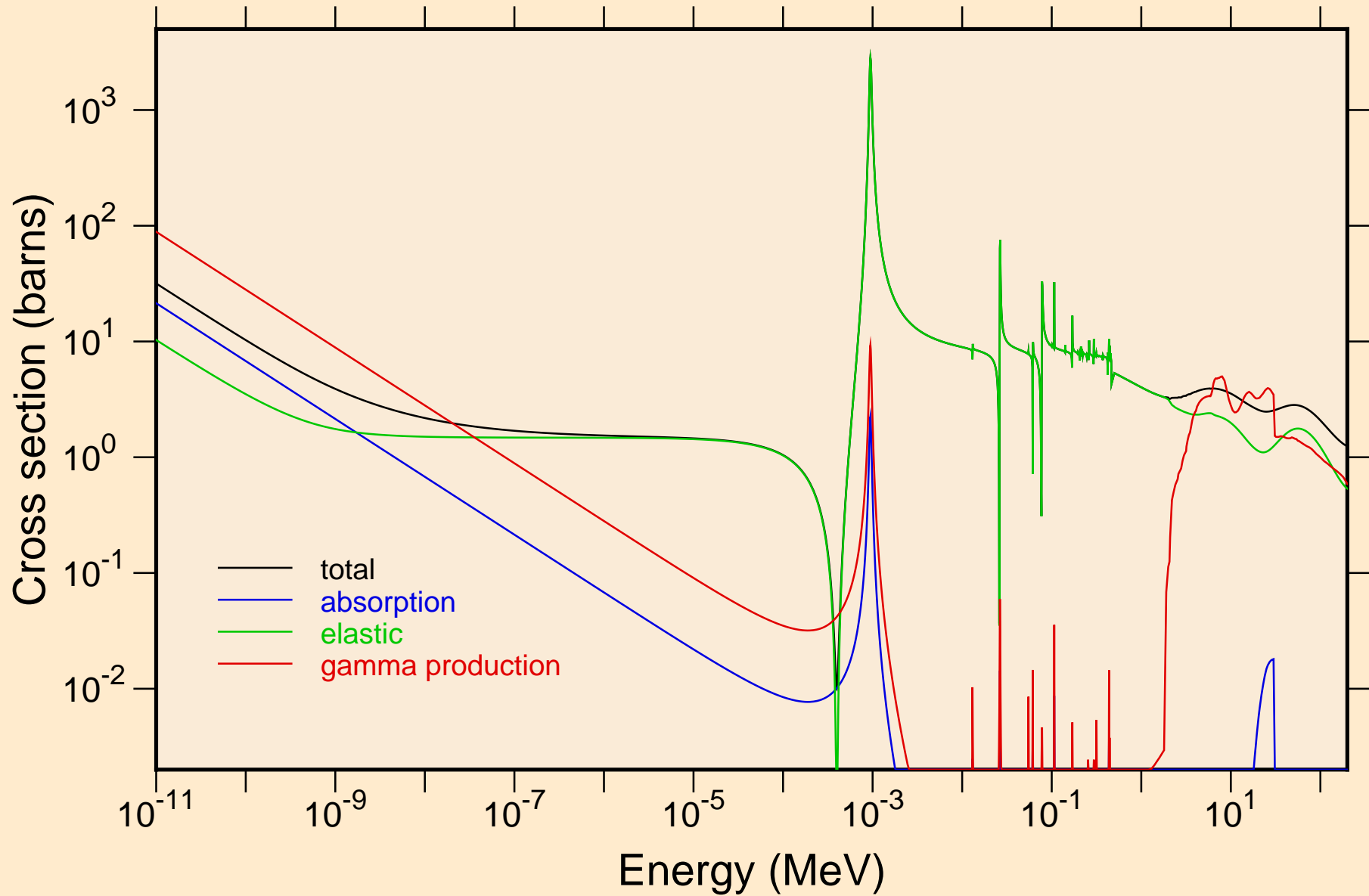
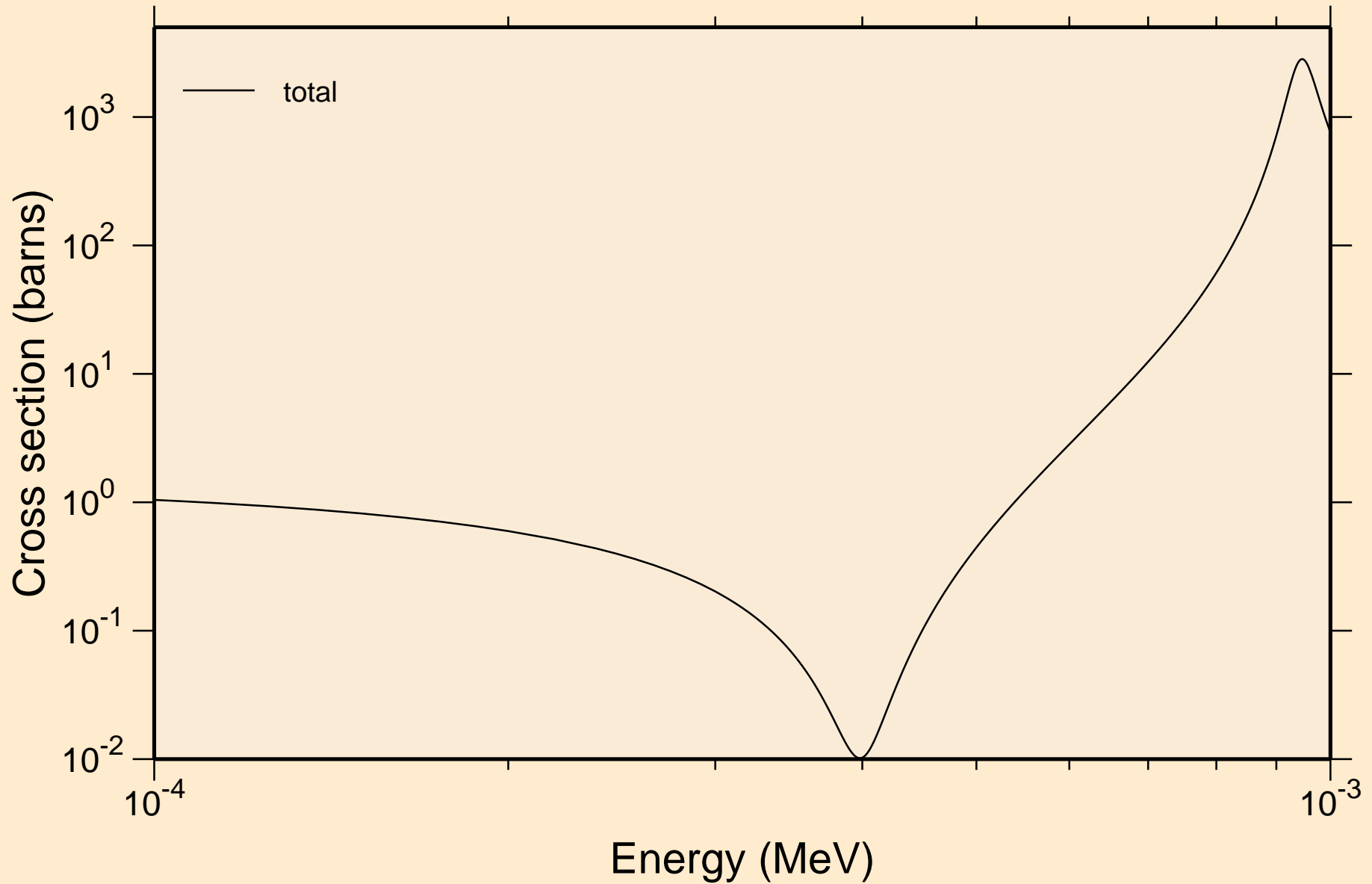


# NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

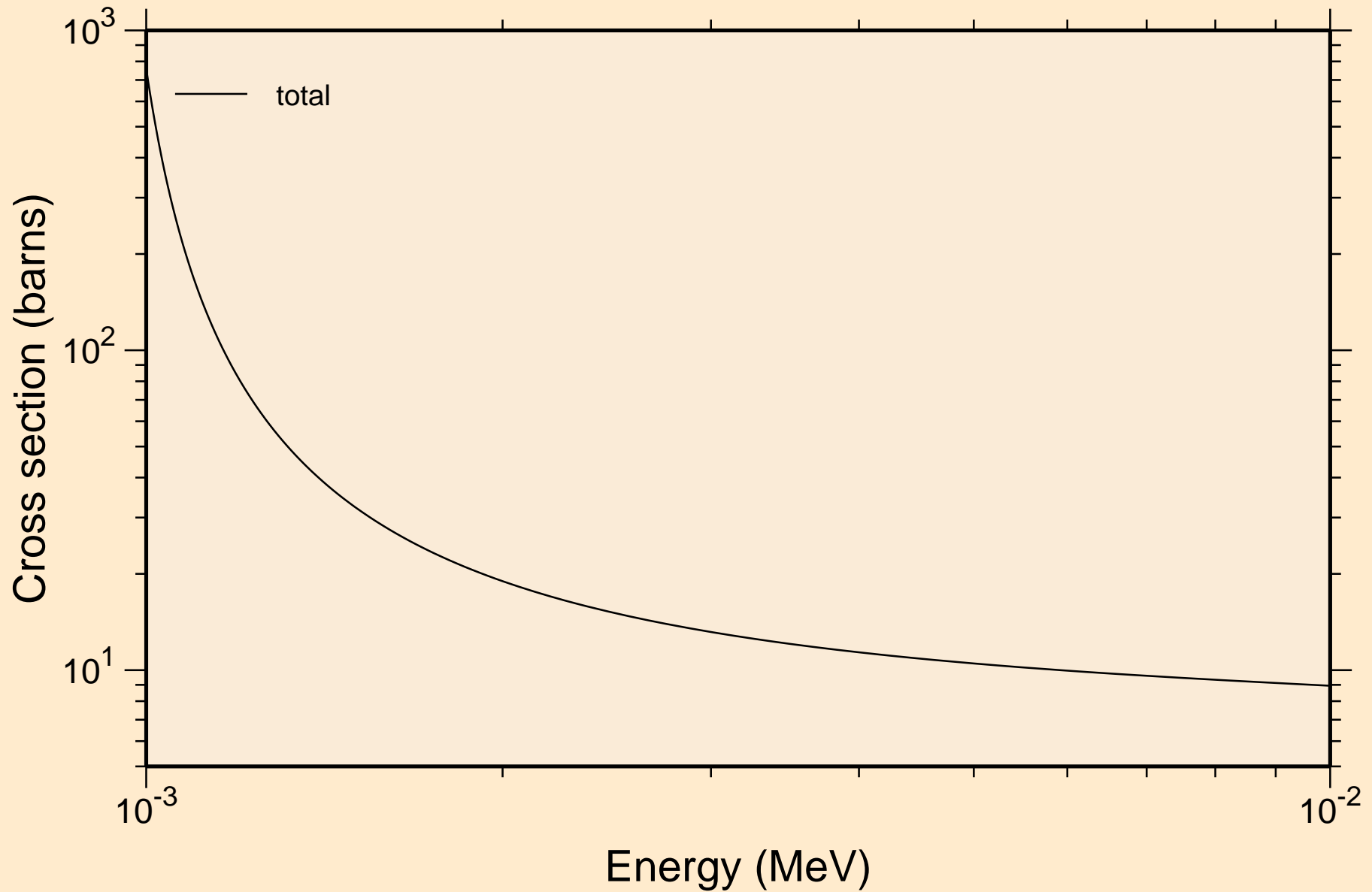
## Principal cross sections



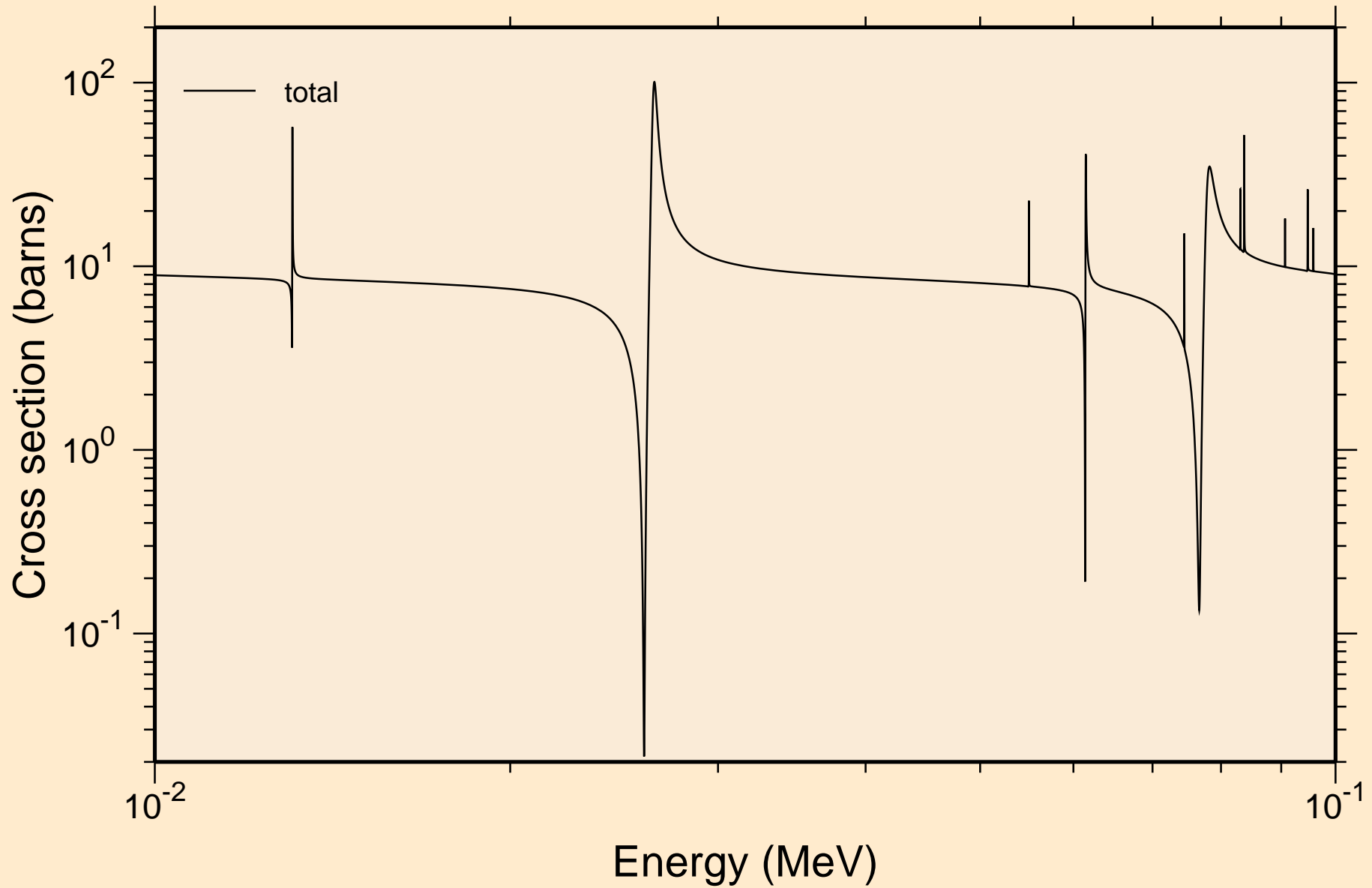
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



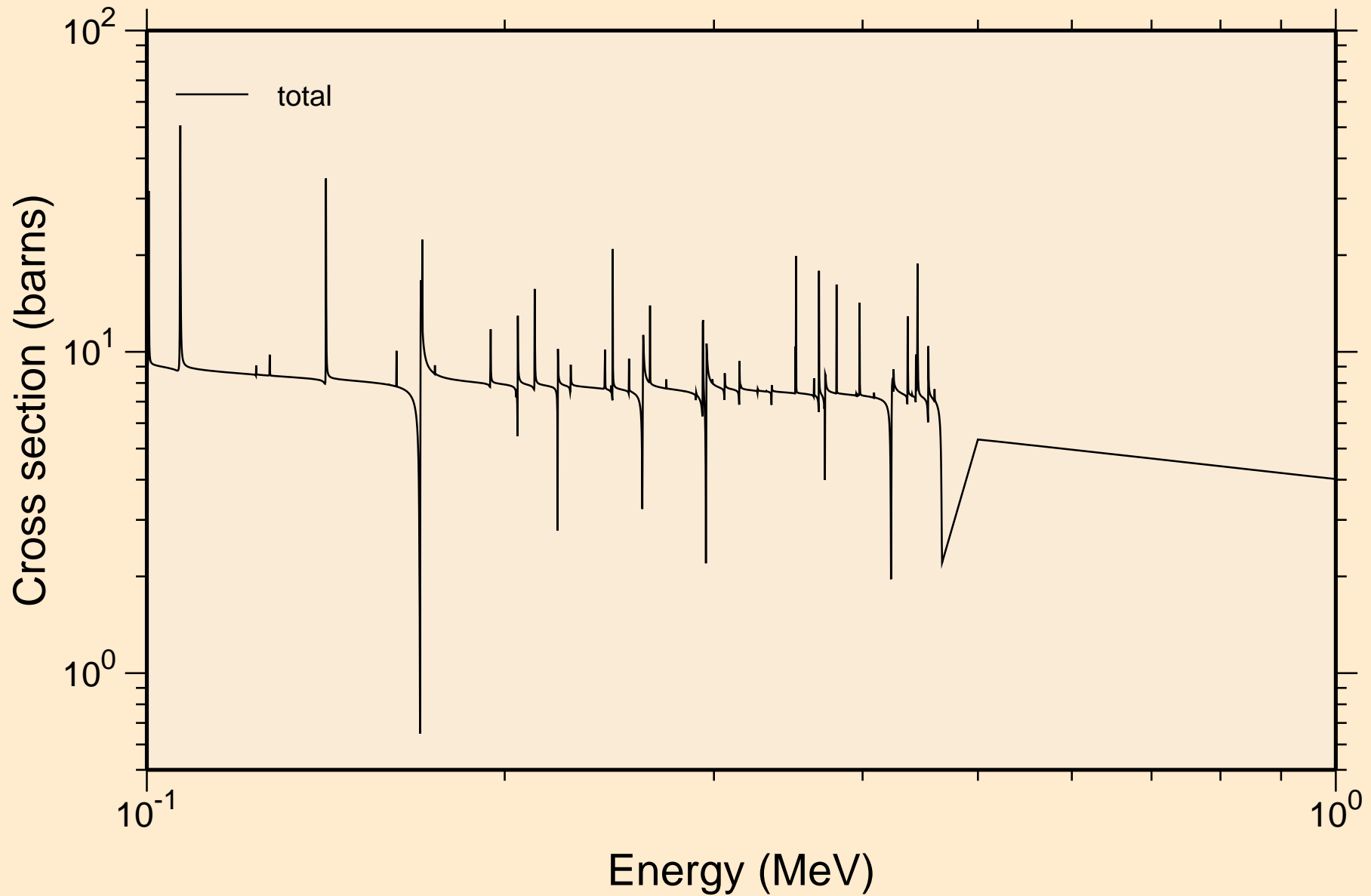
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



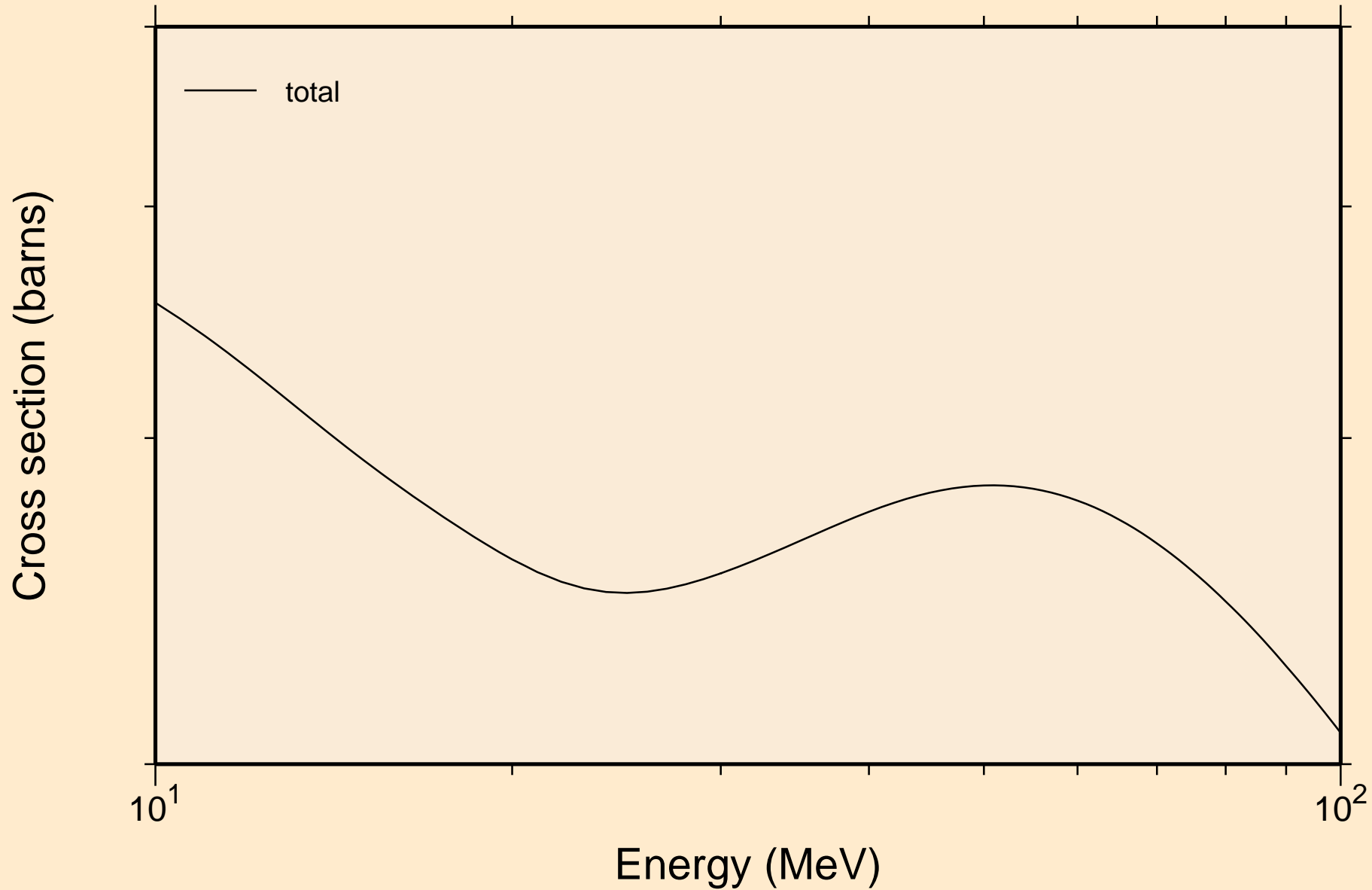
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



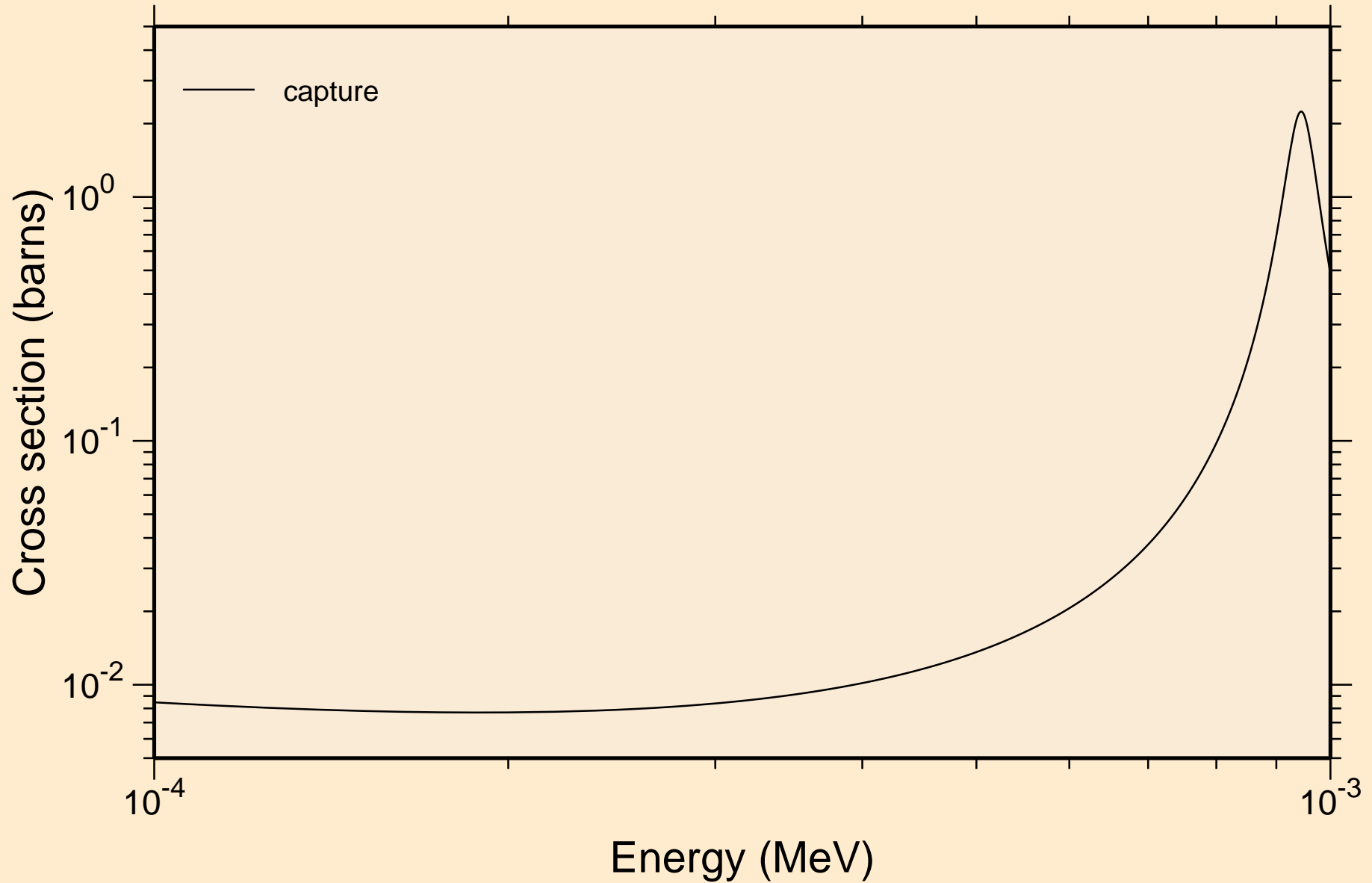
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



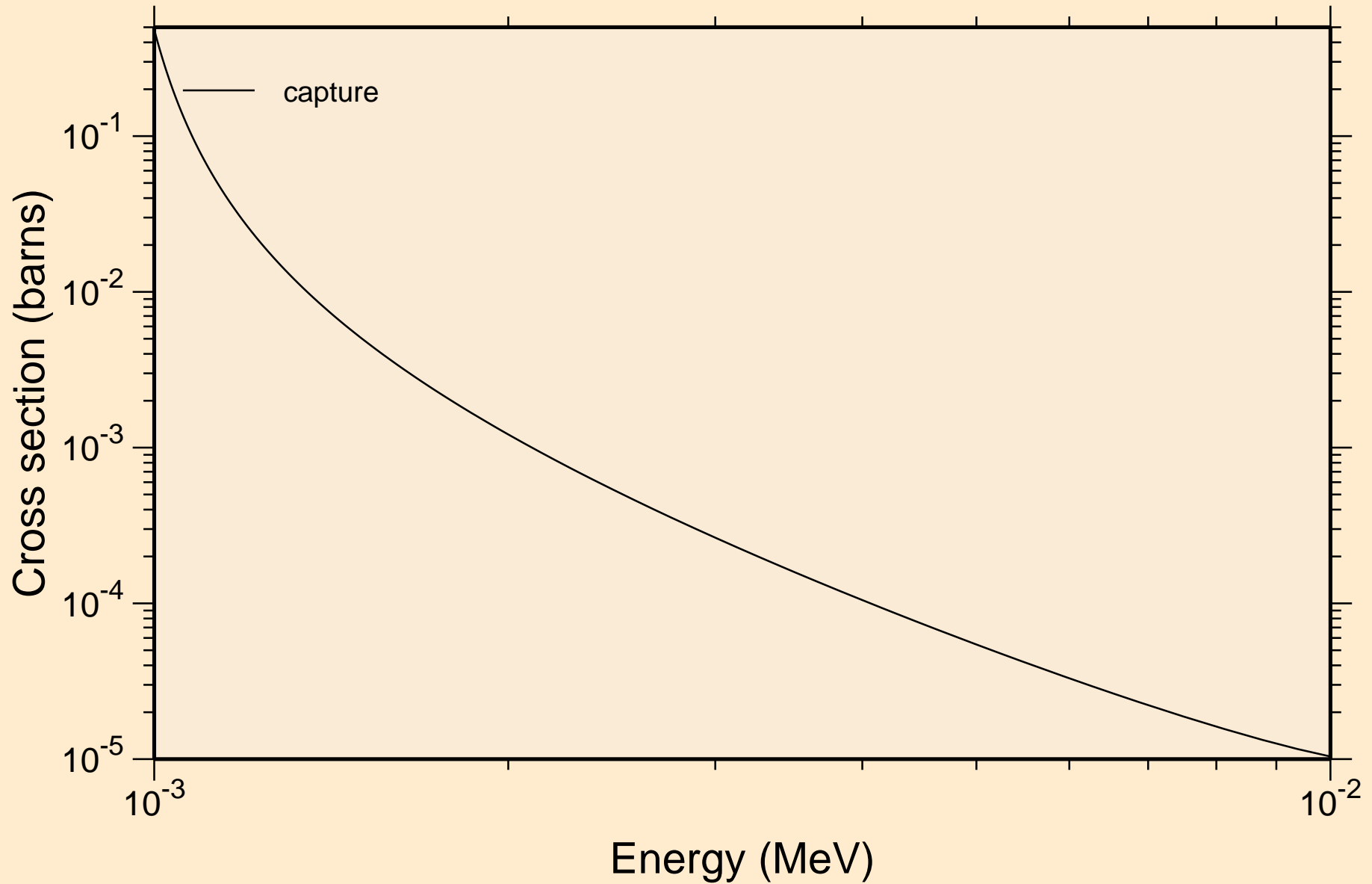
Ni068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

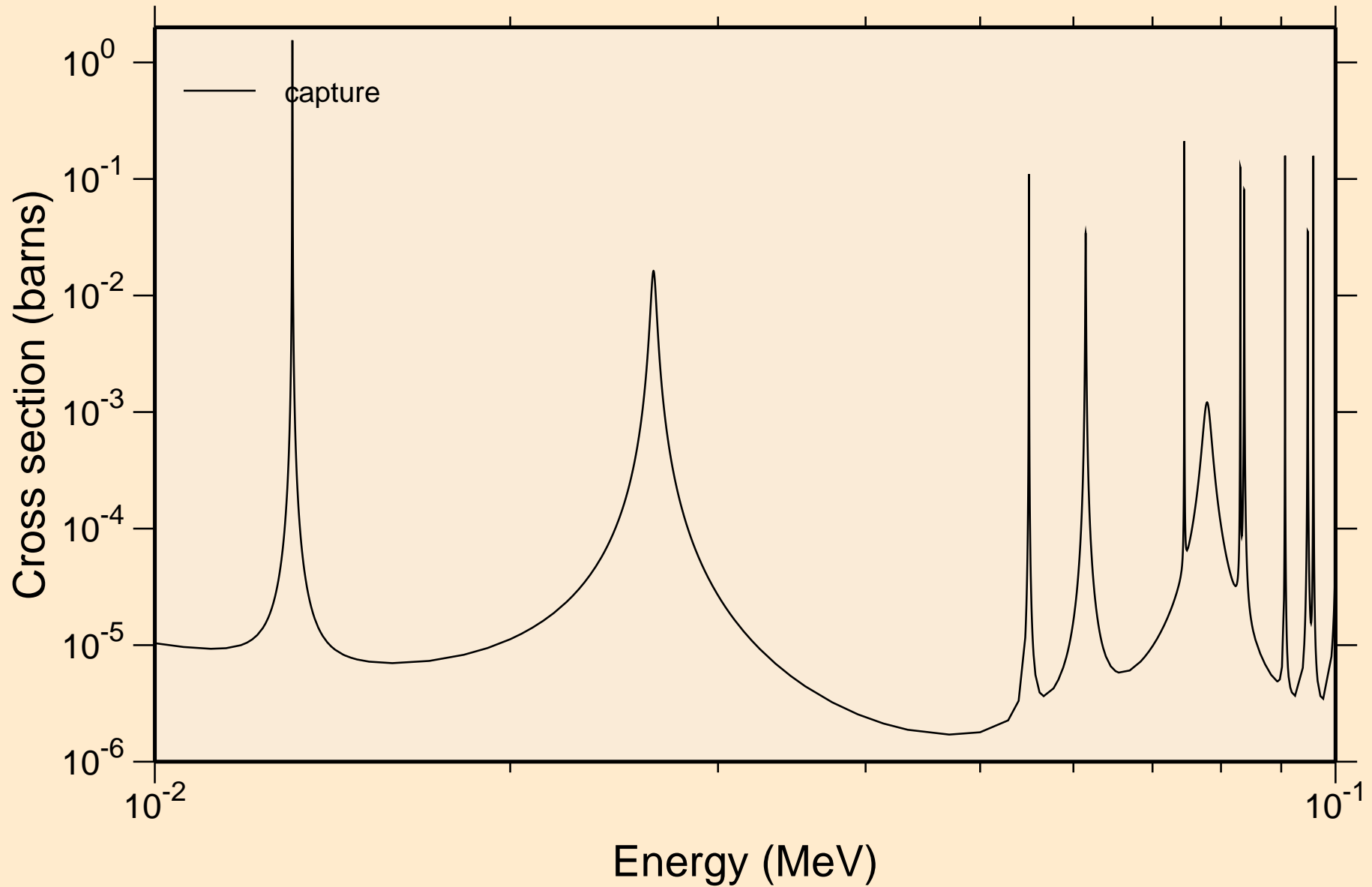


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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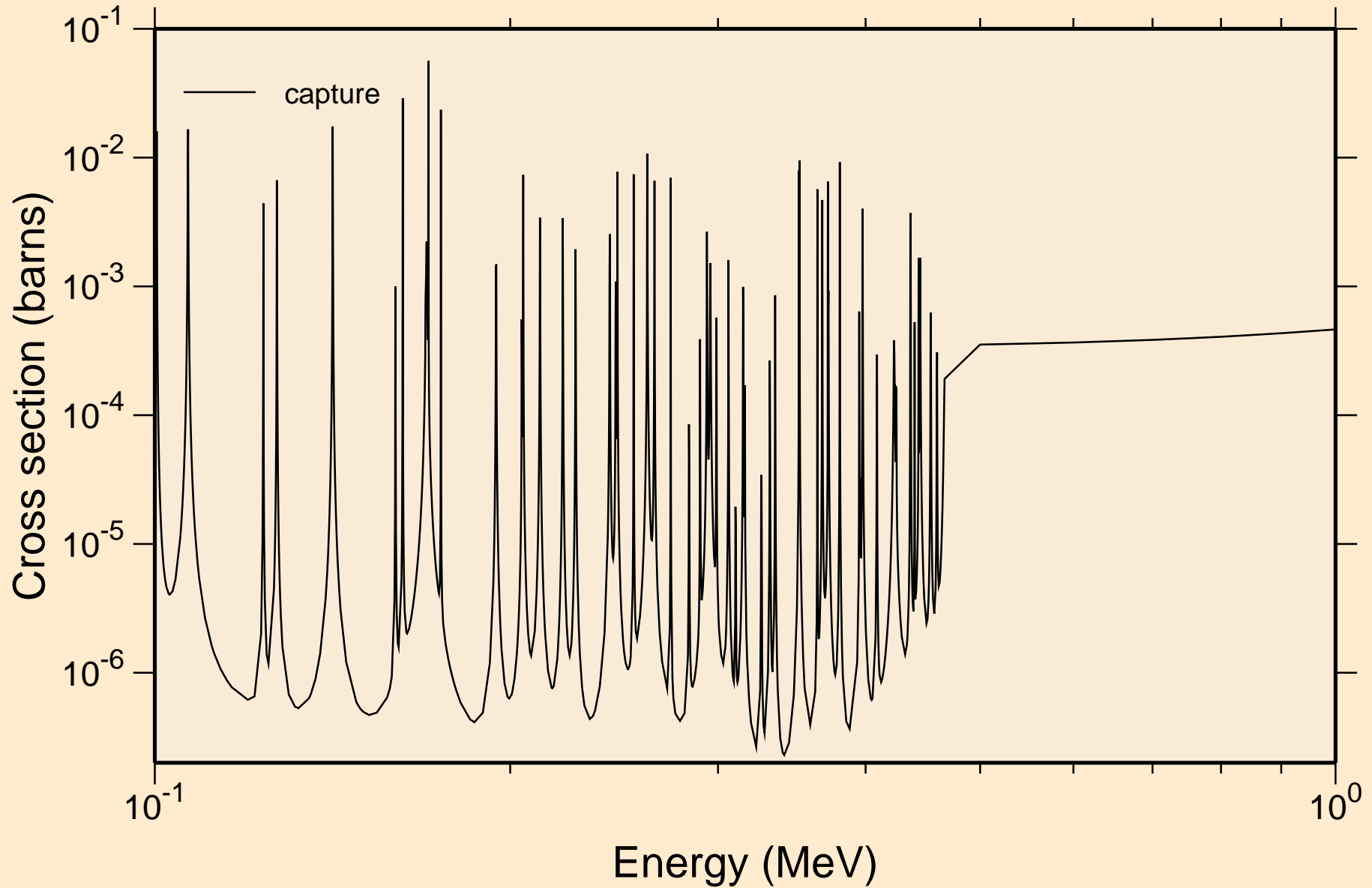




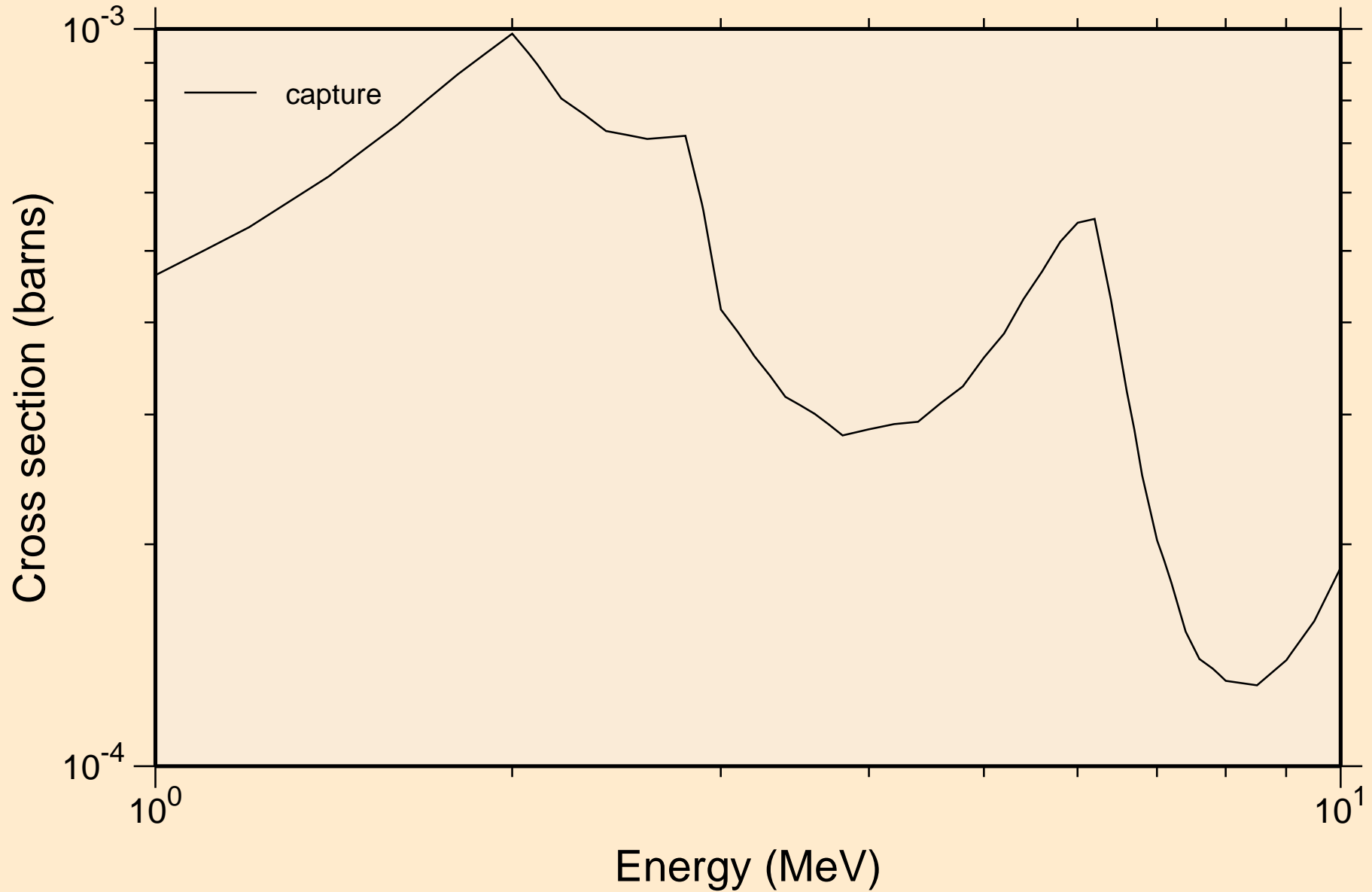
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



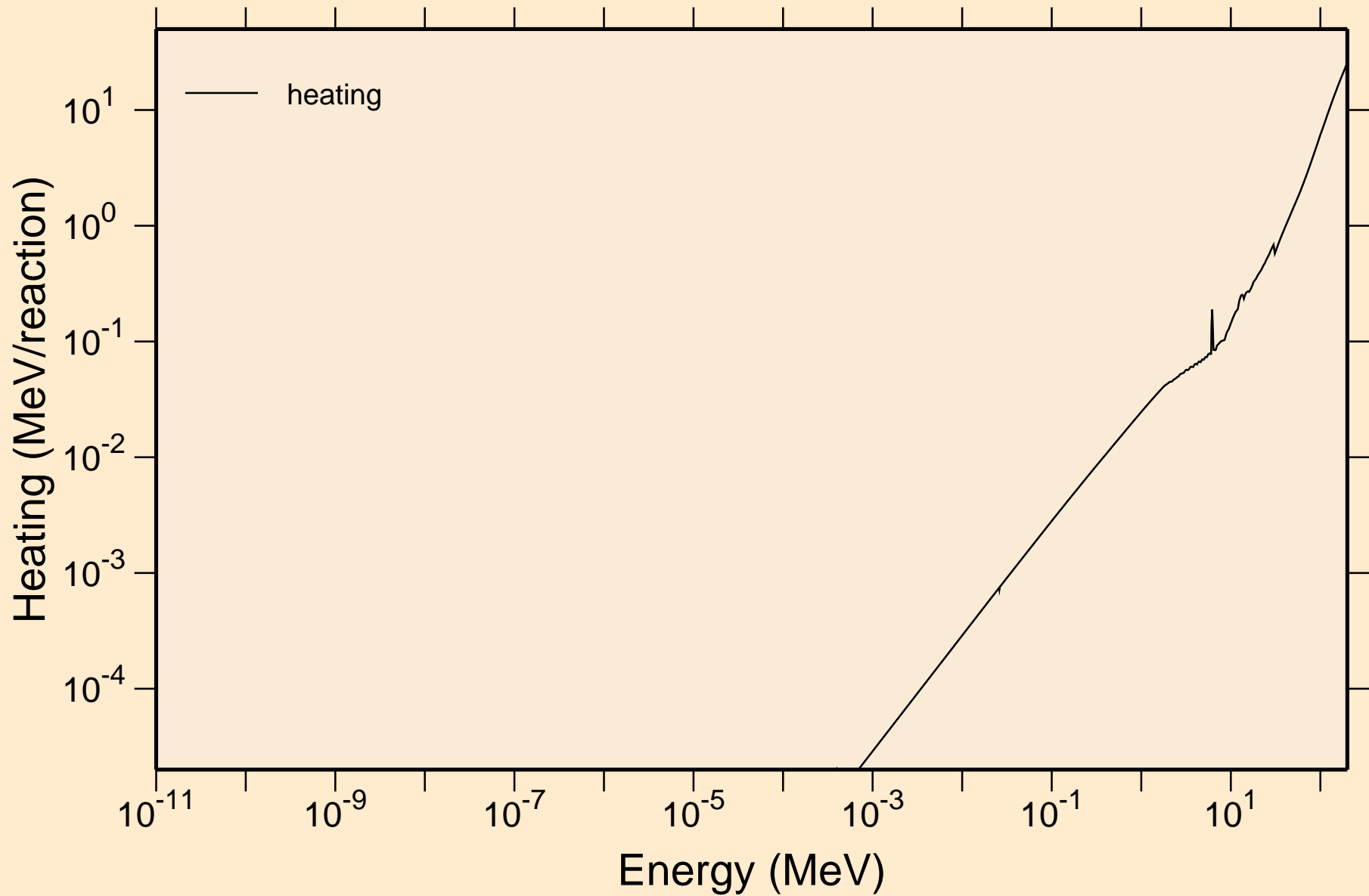
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



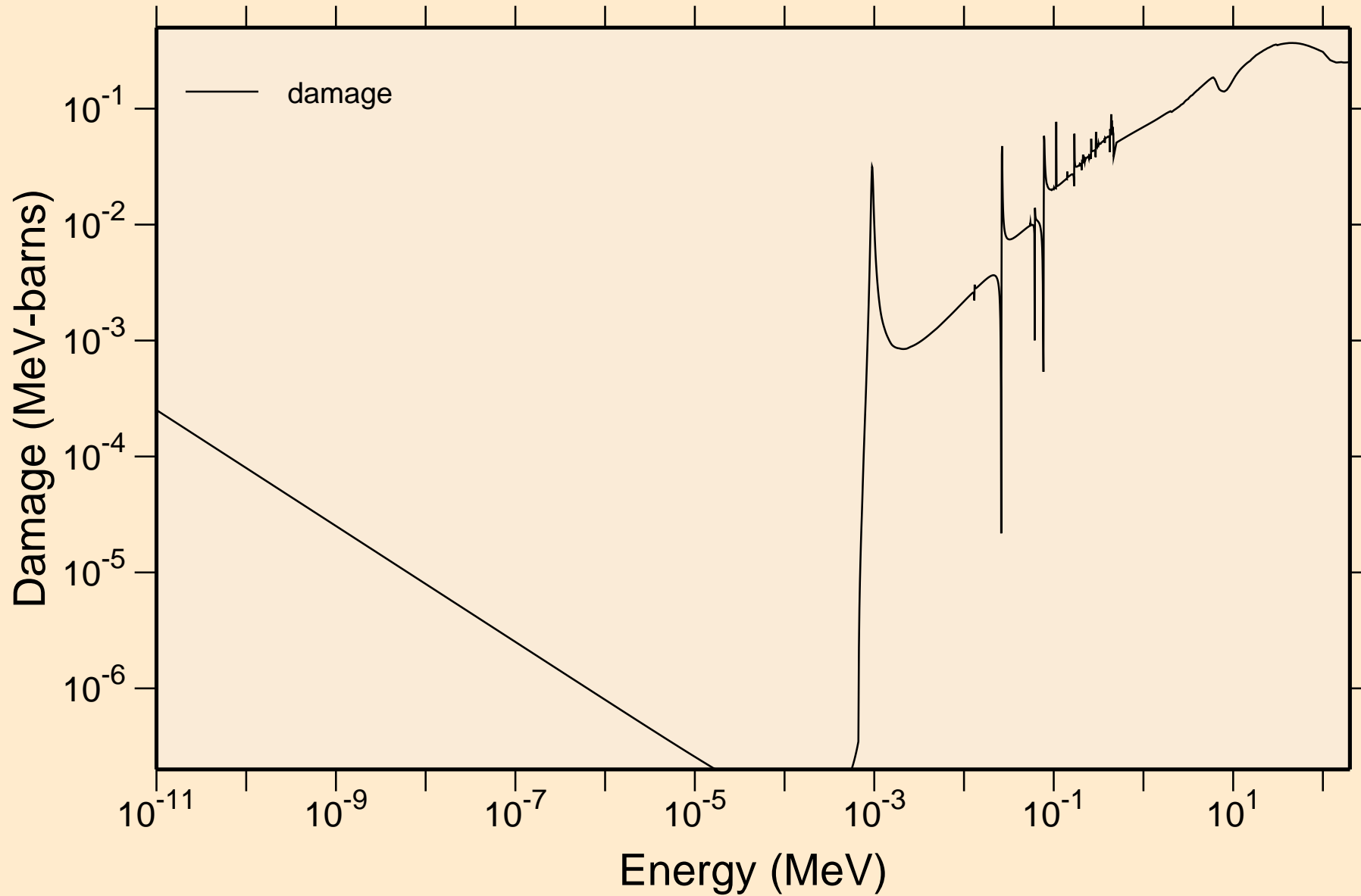
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



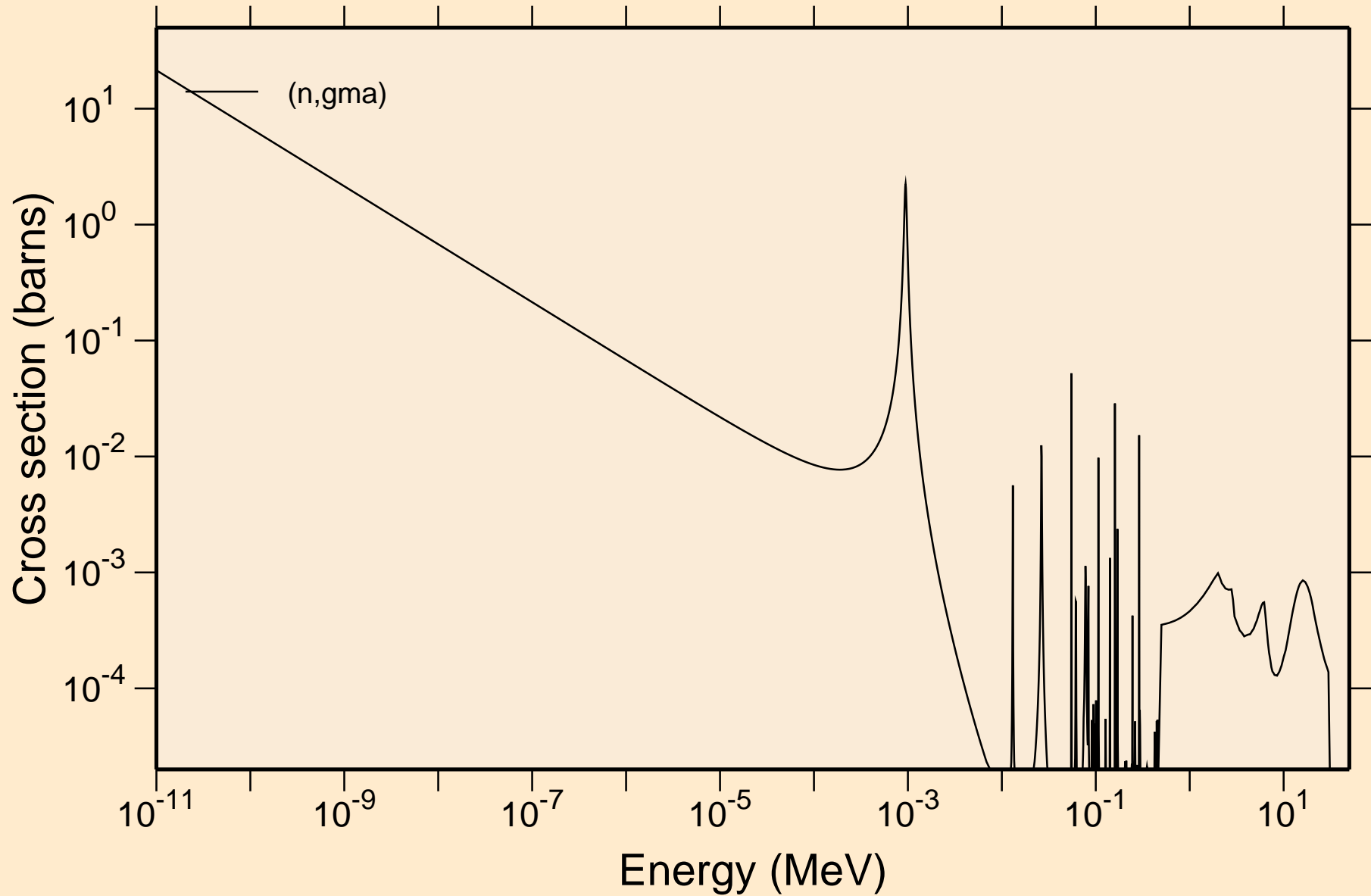
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



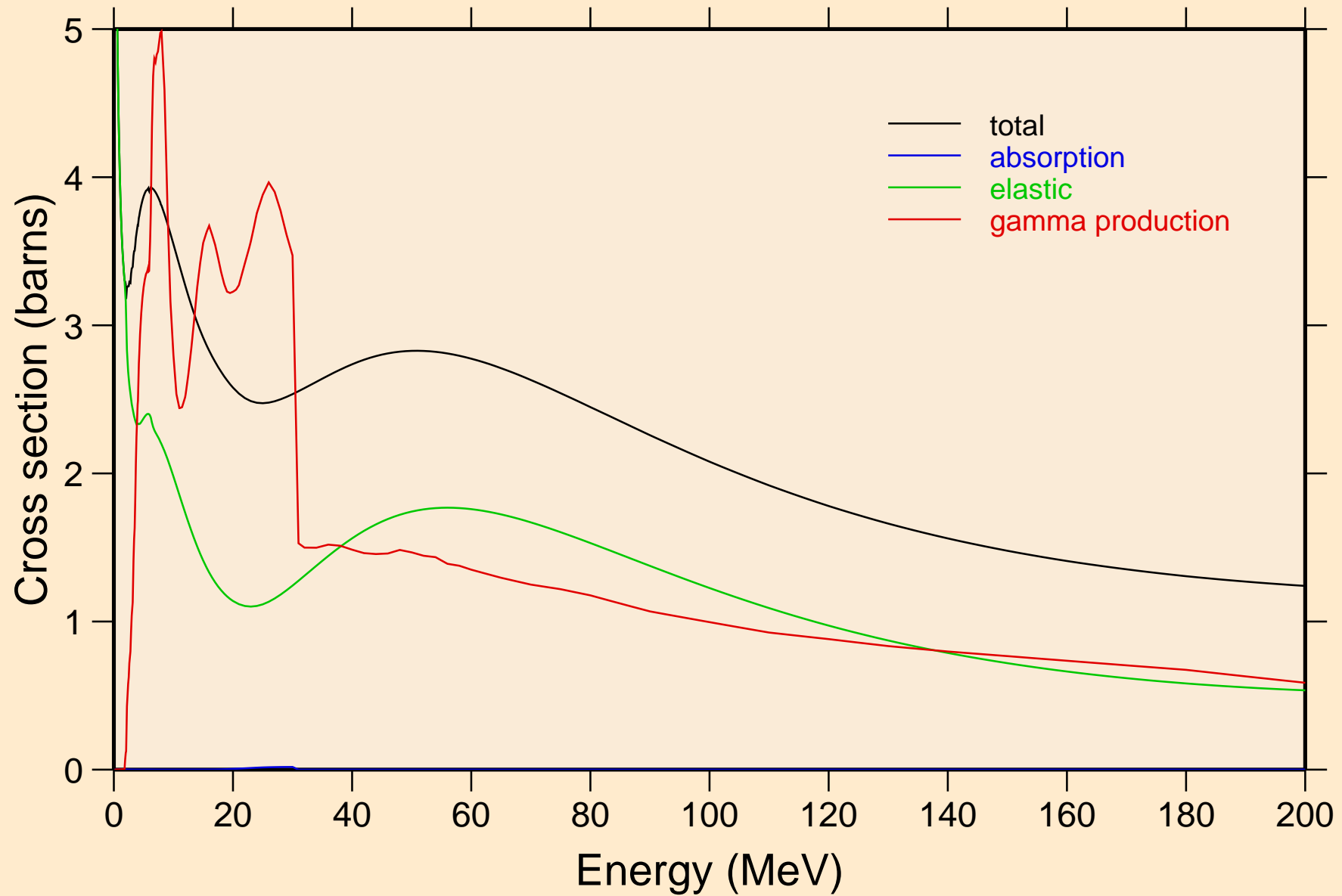
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



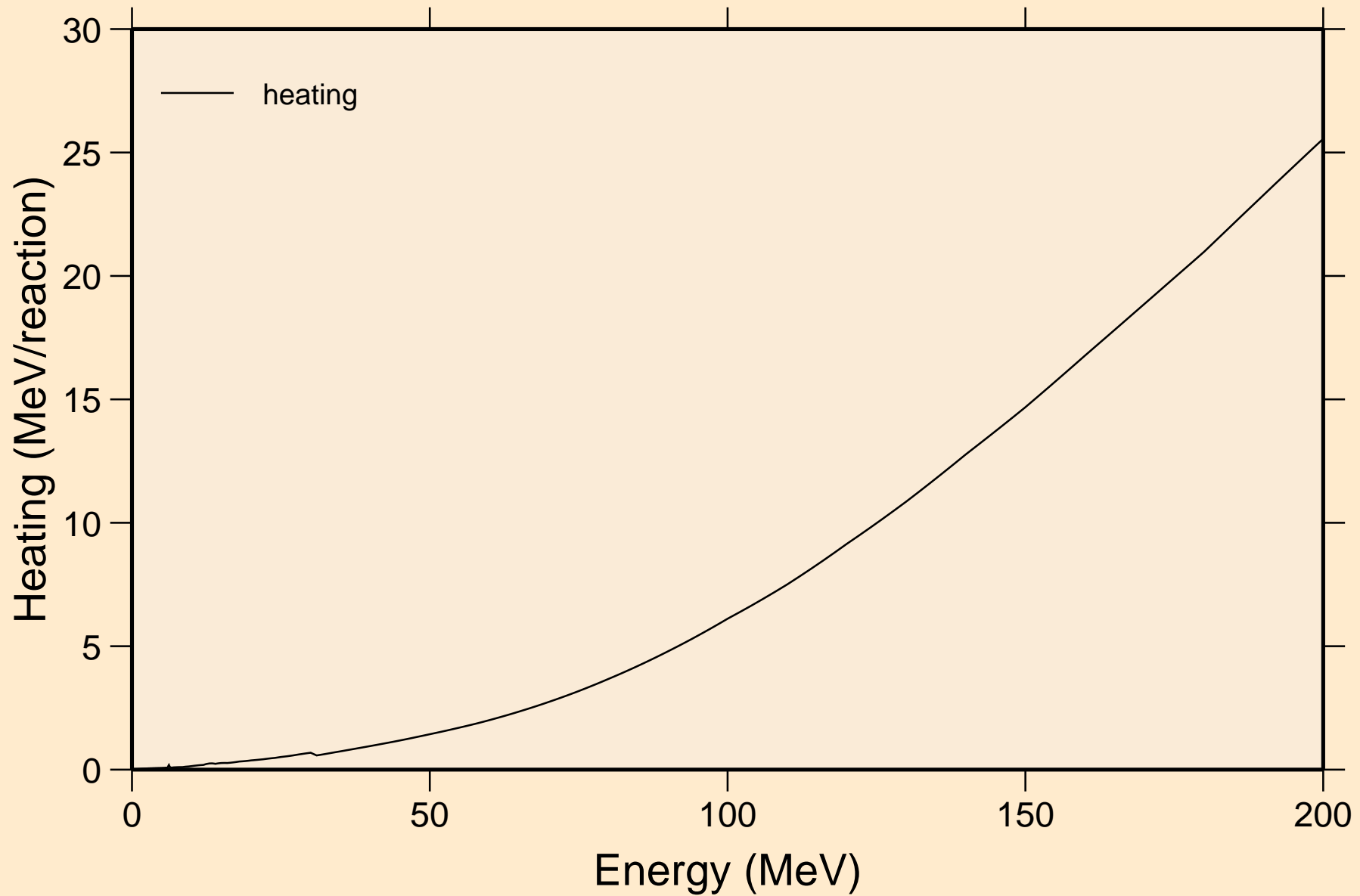
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

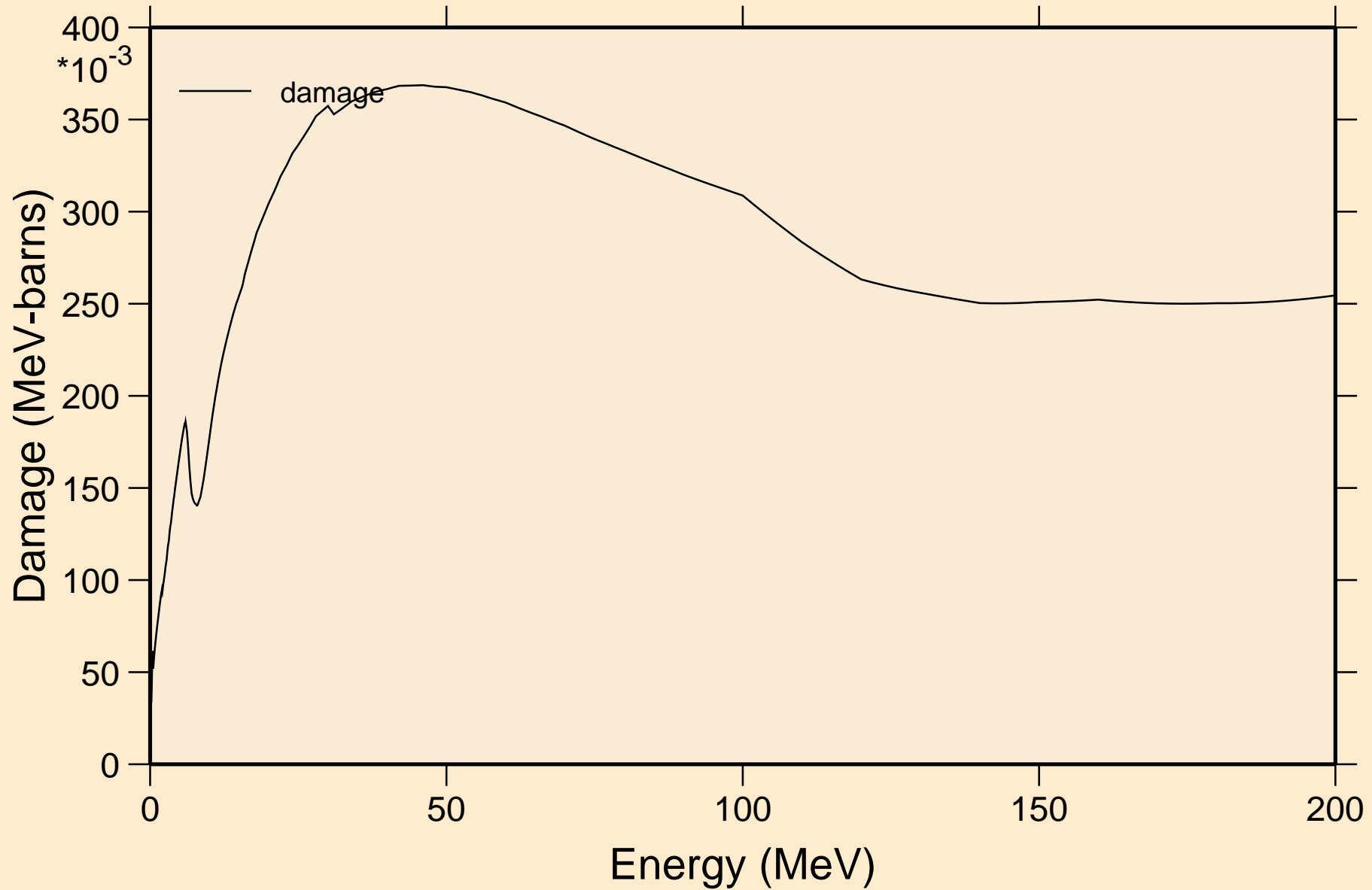


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

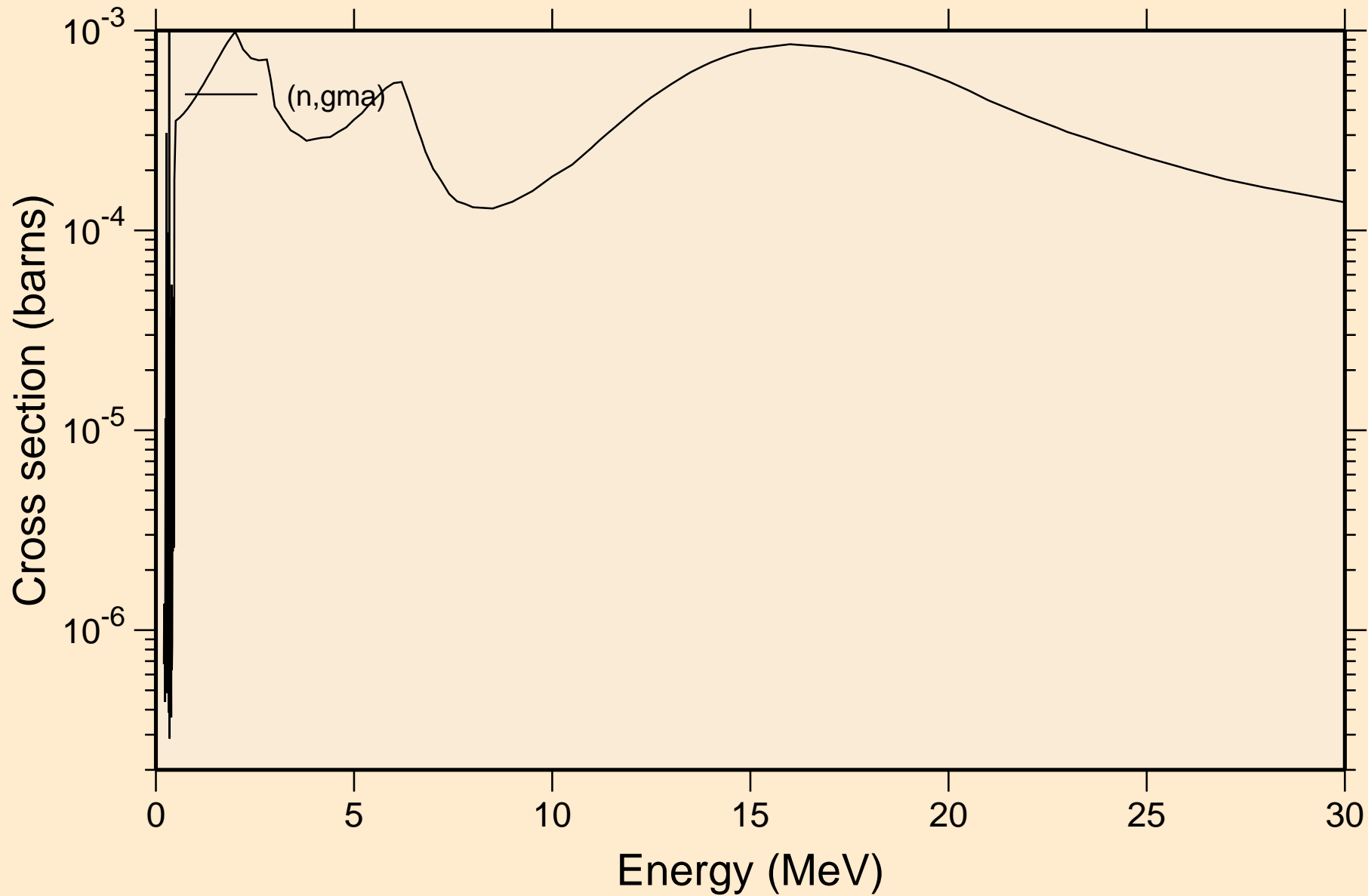




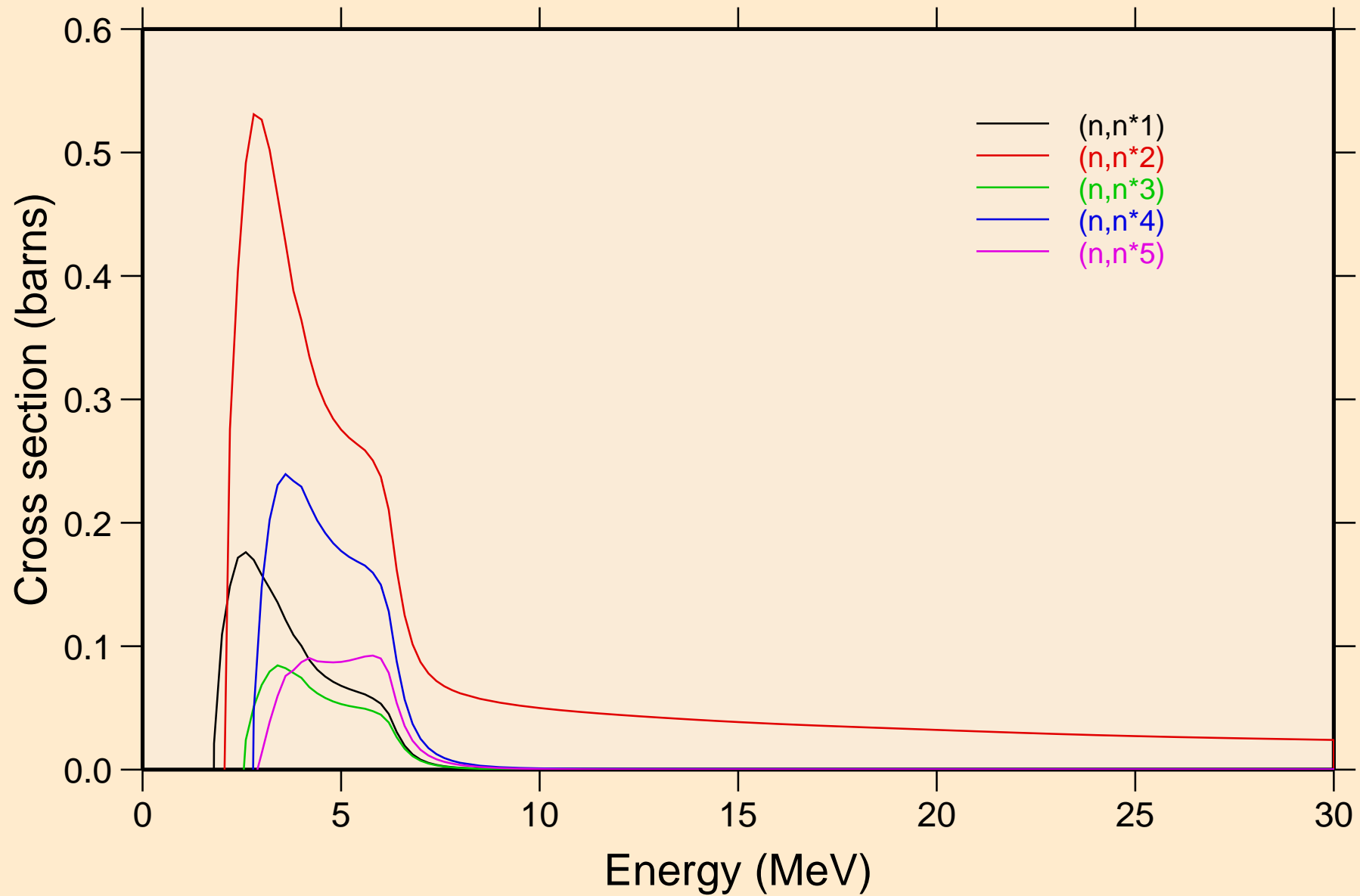
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



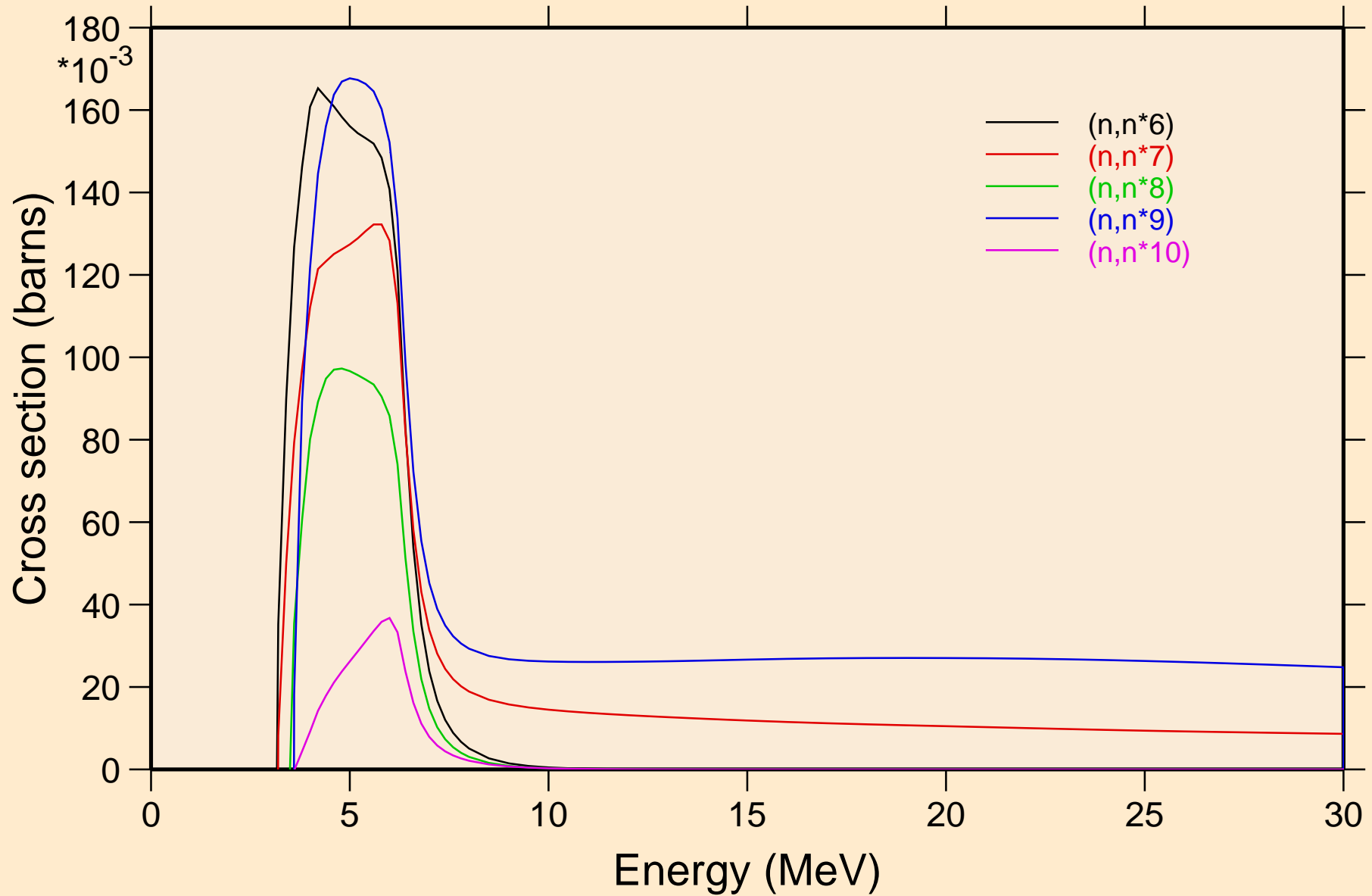
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



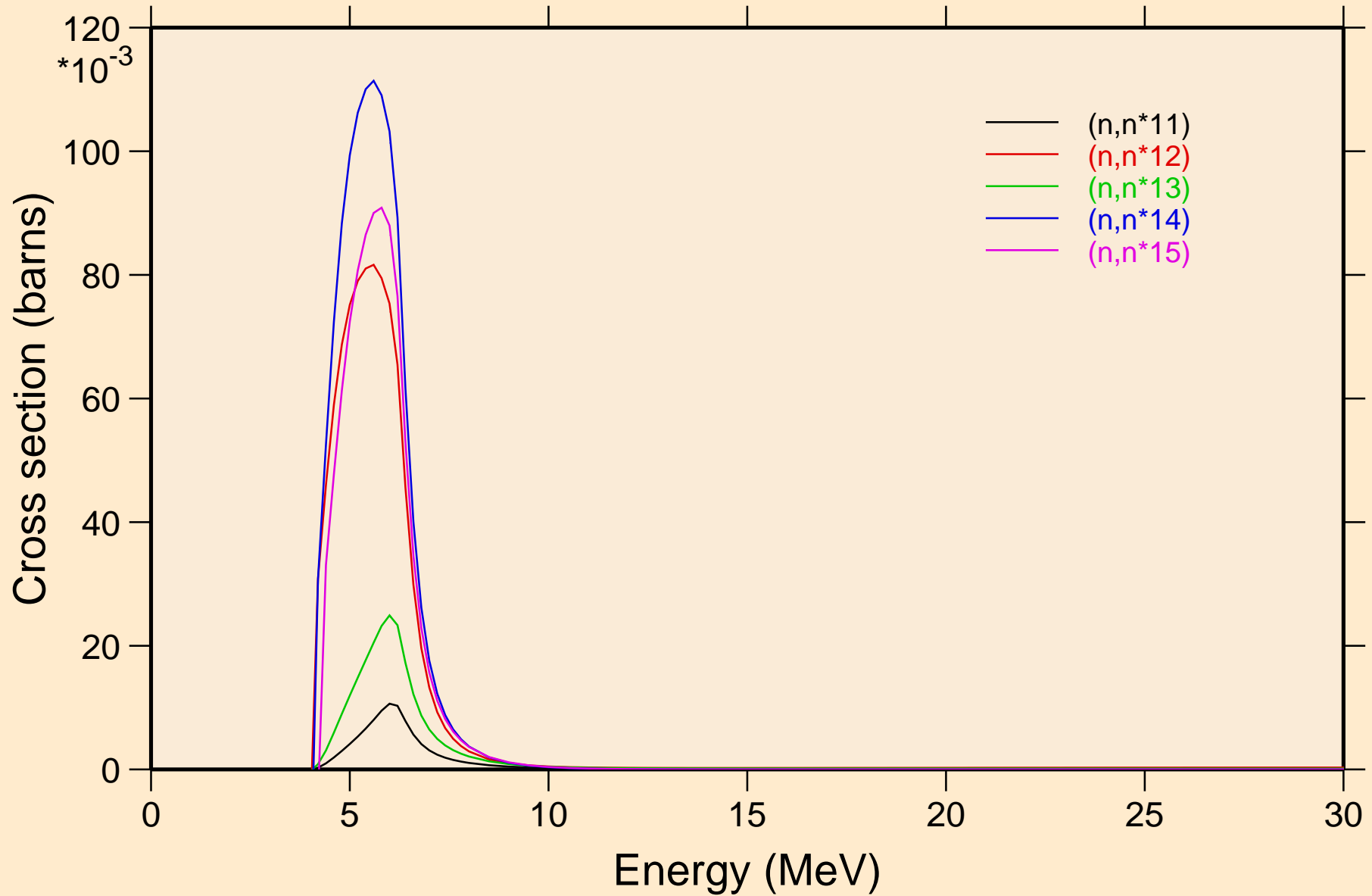
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



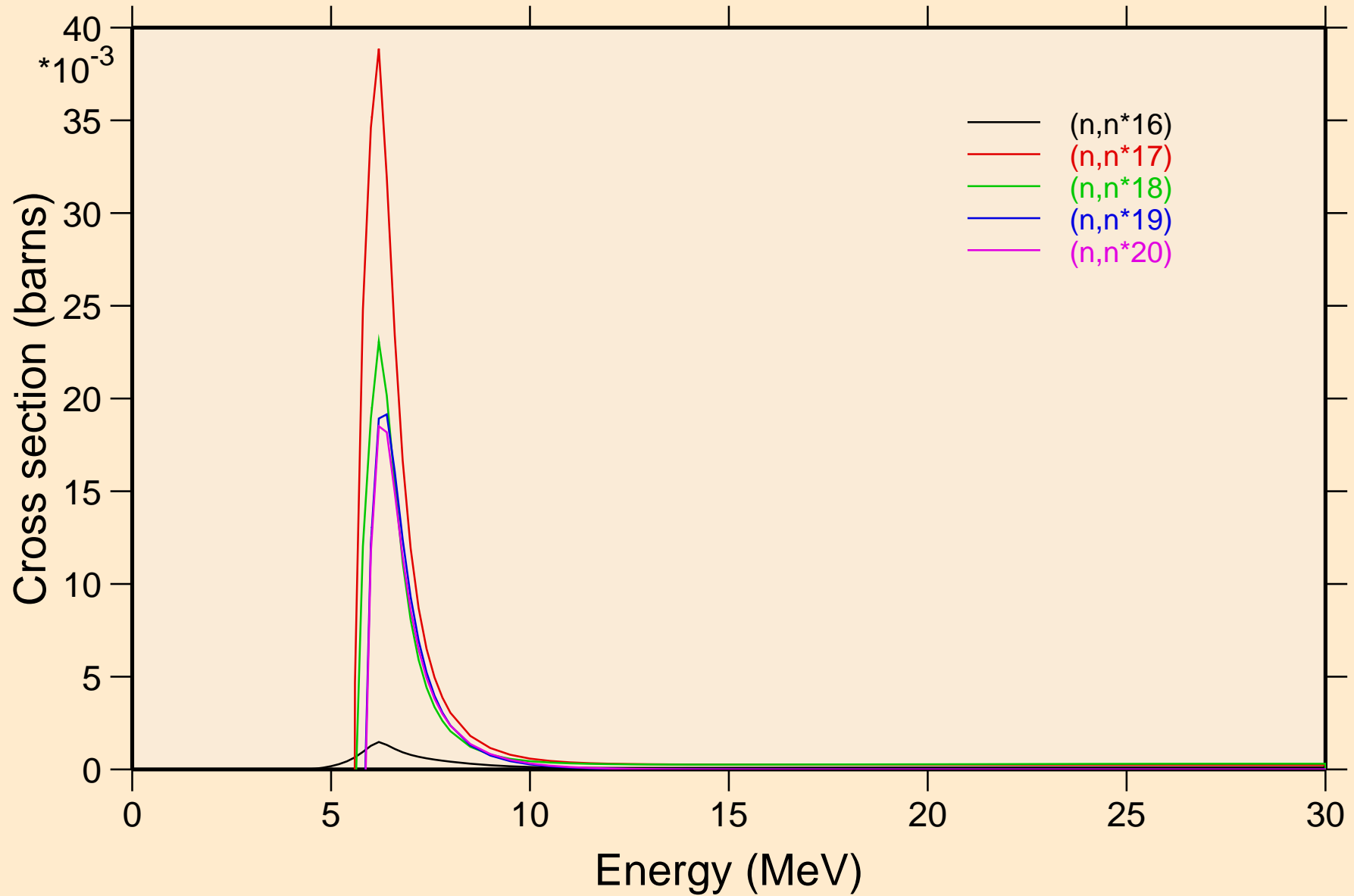
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



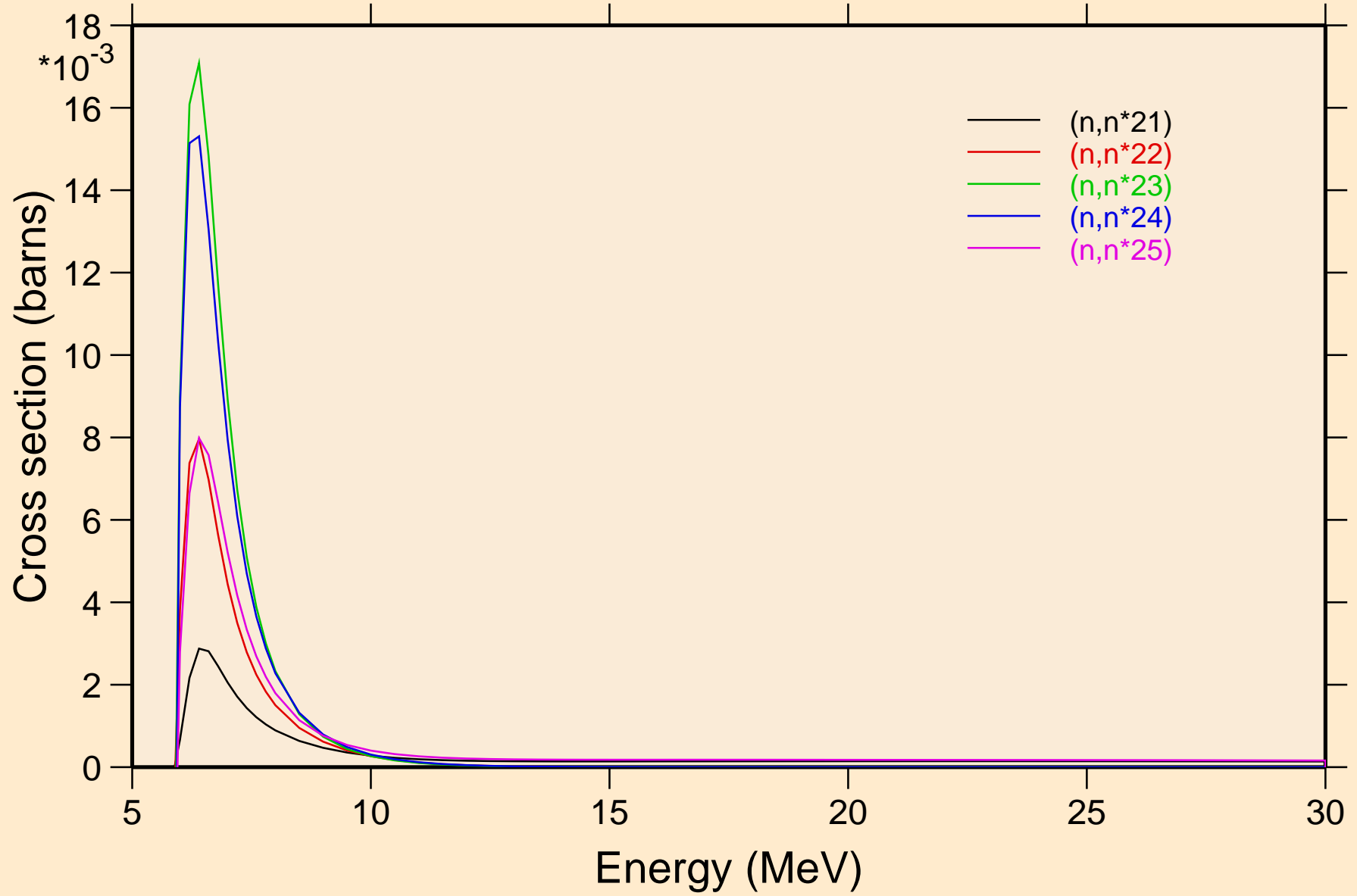
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



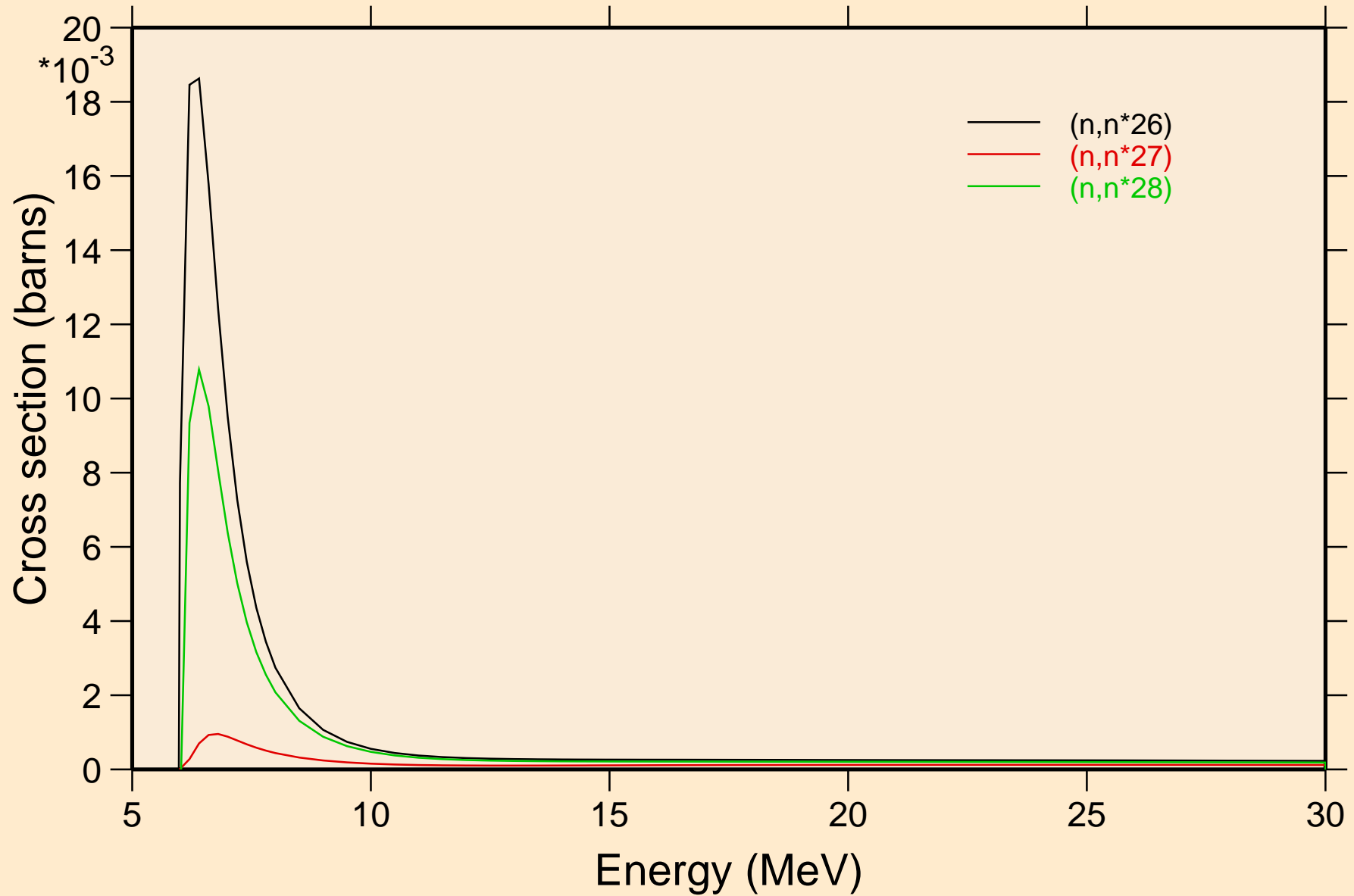
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

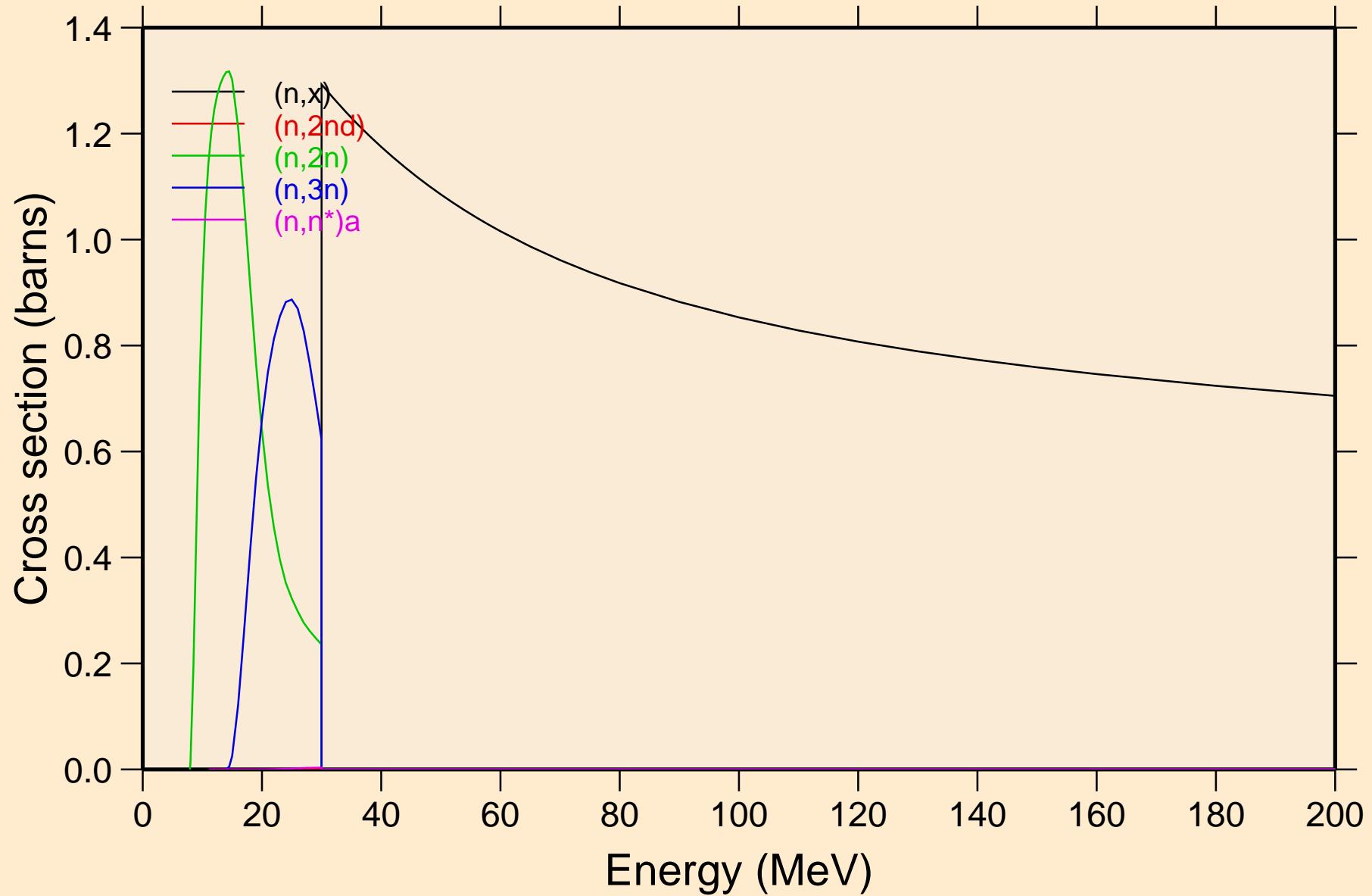


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



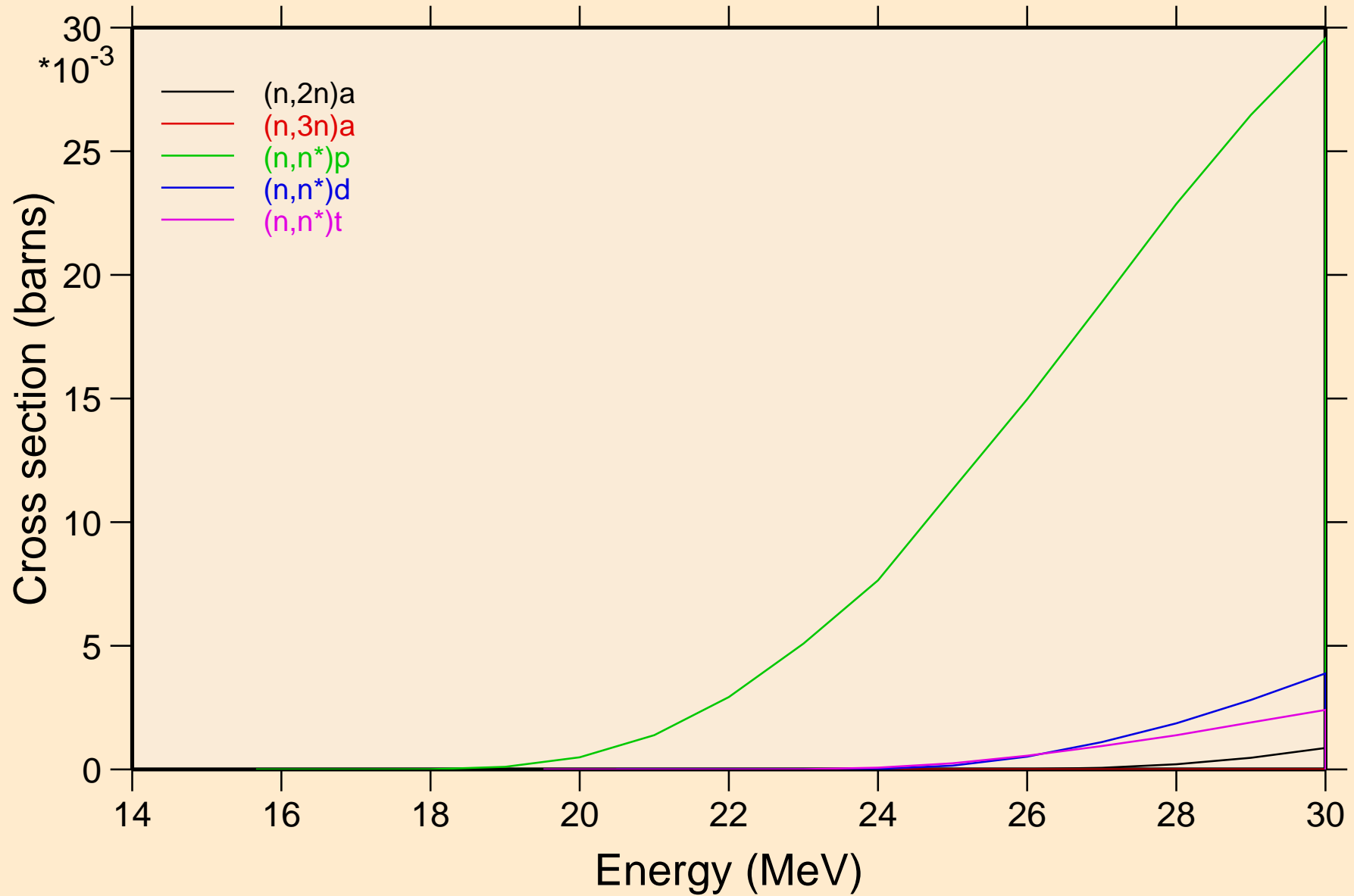


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

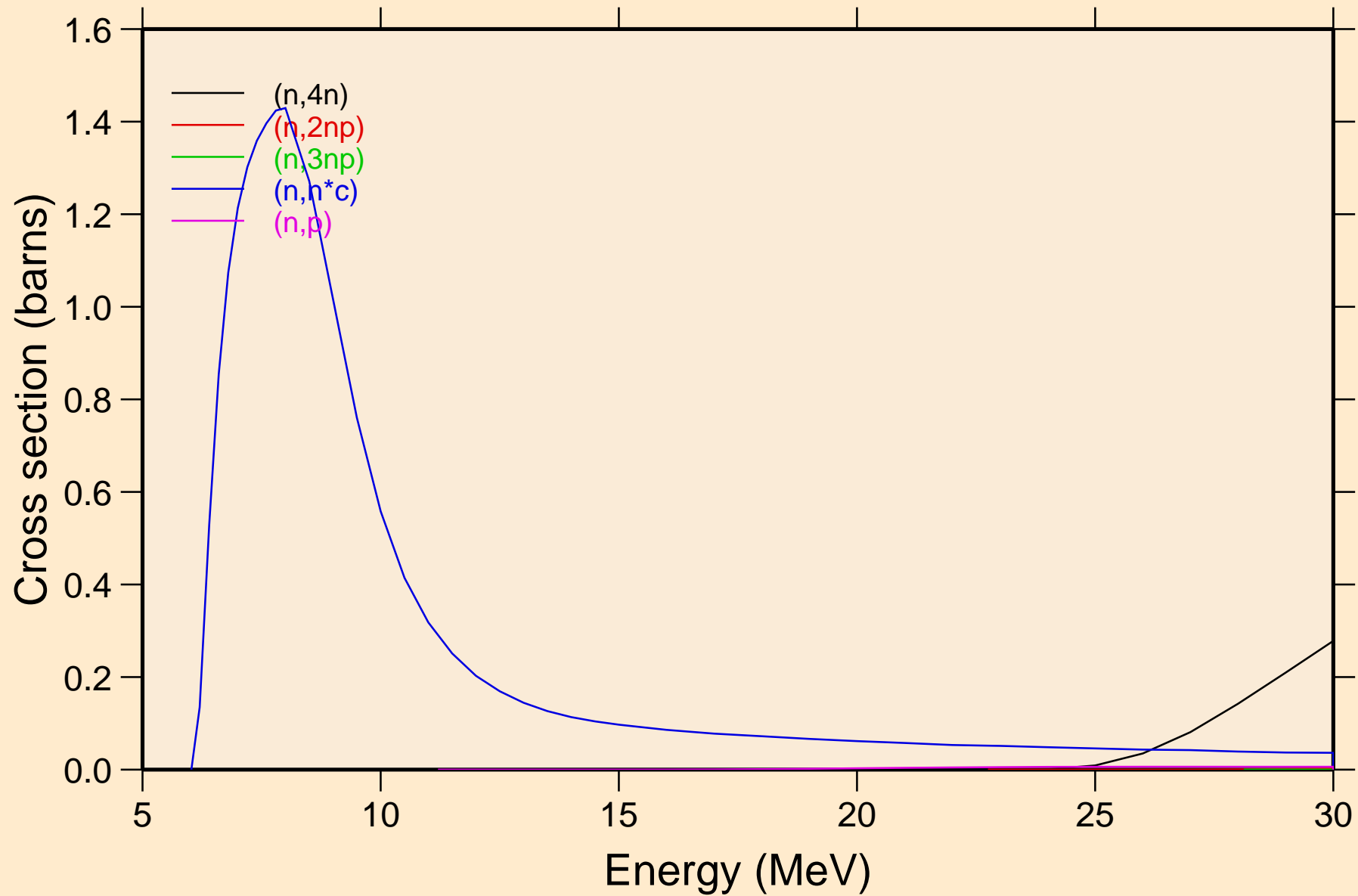


# NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

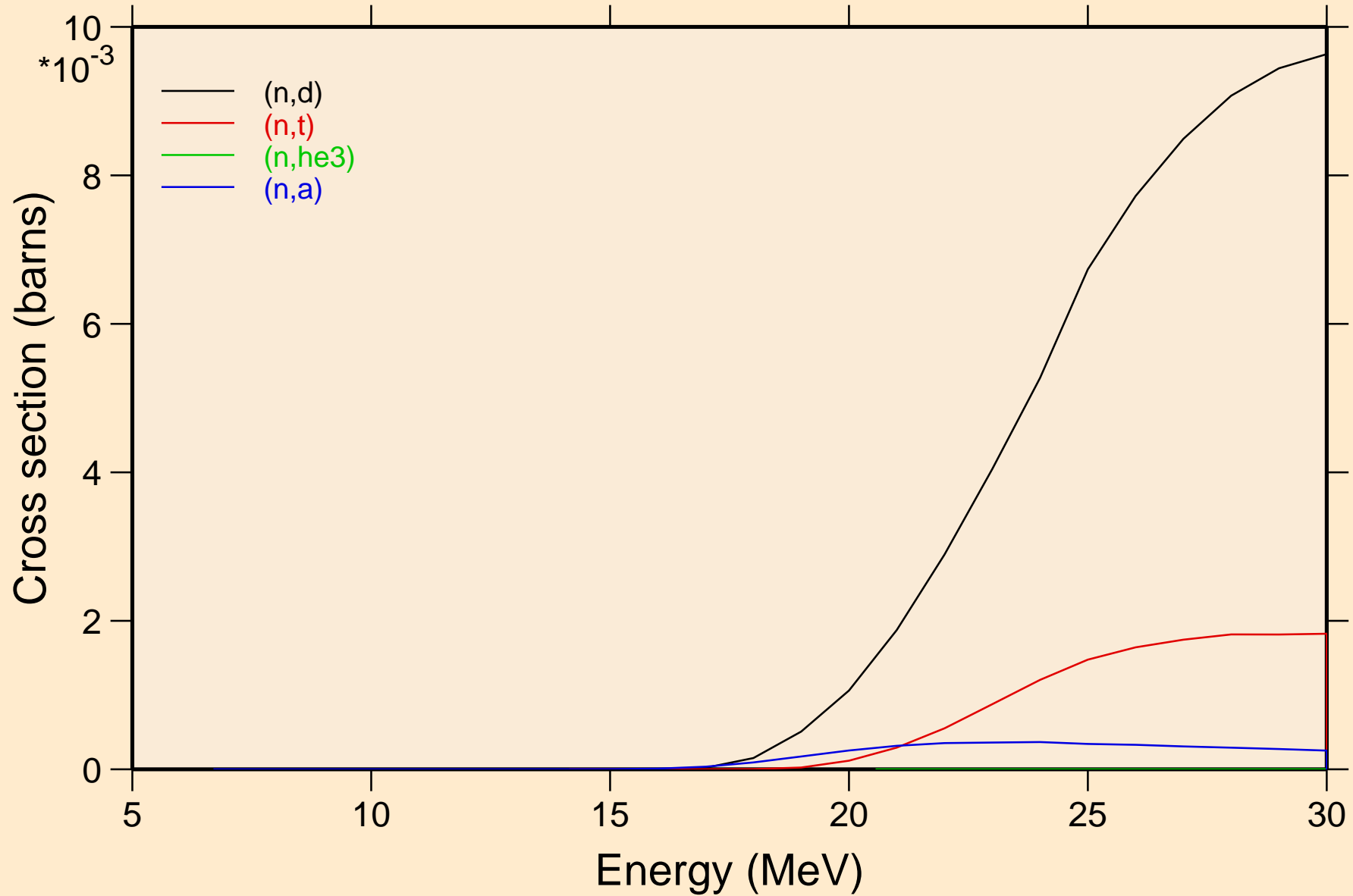
## Threshold reactions



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

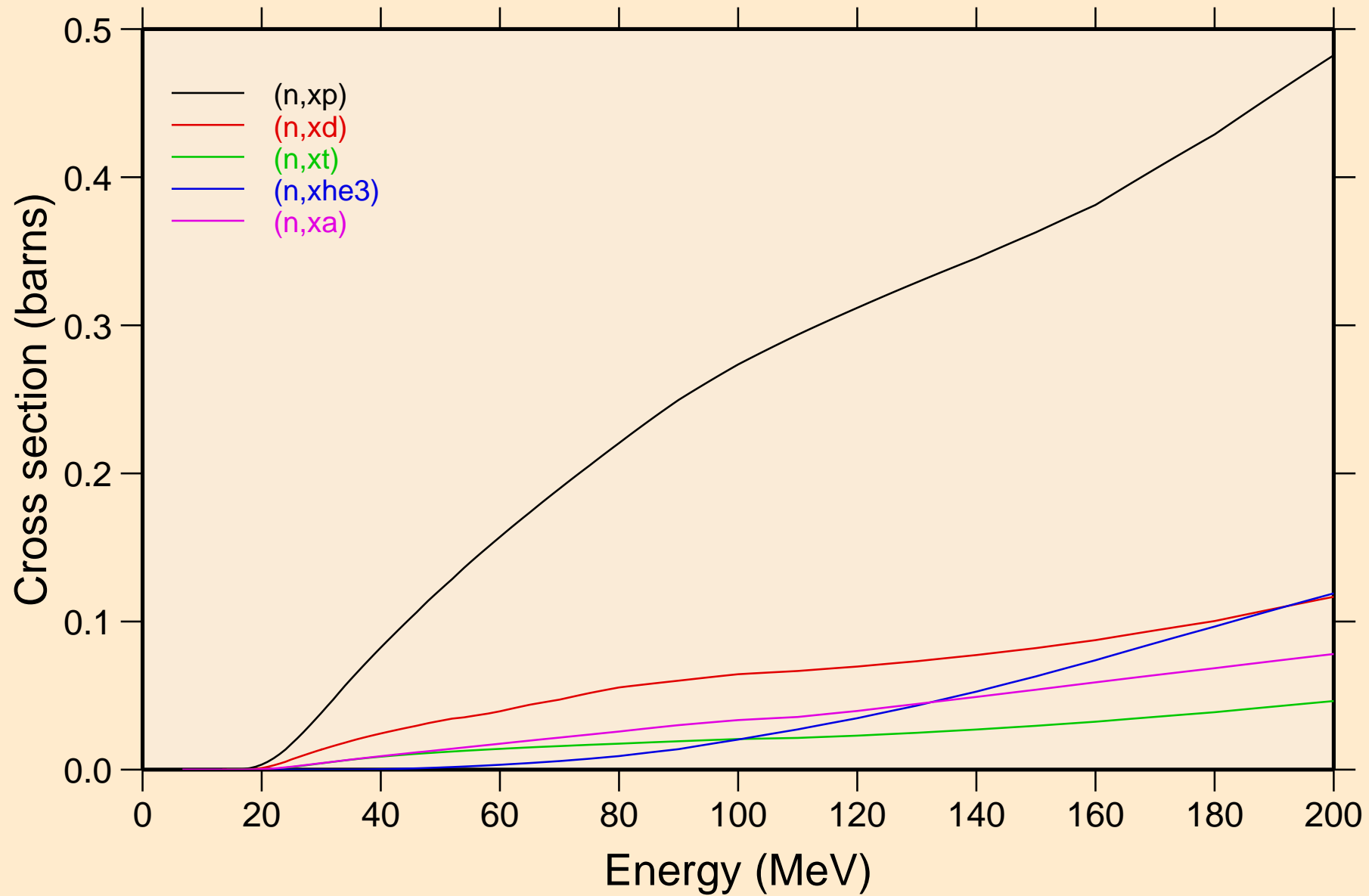


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

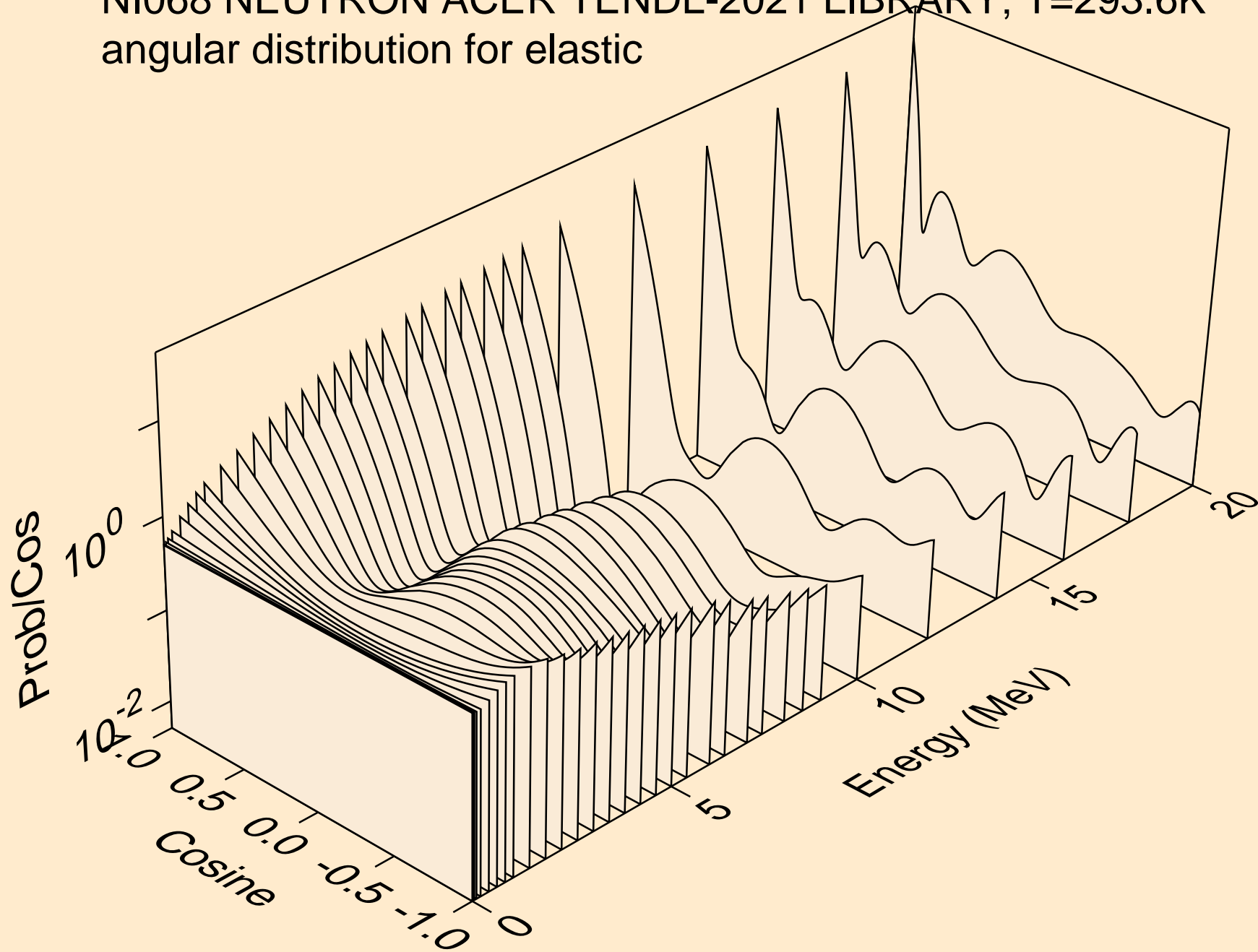


# NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

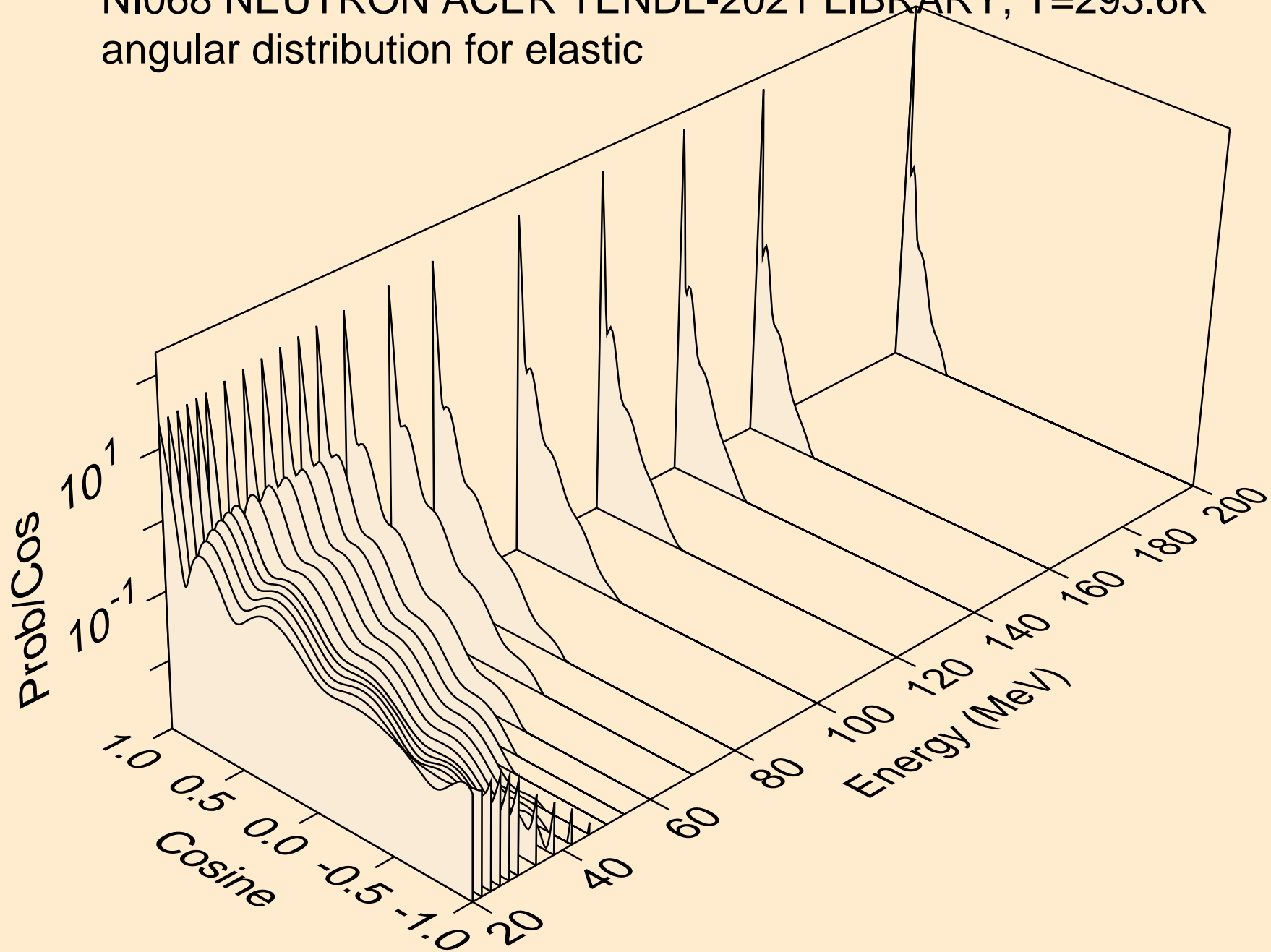
## Threshold reactions



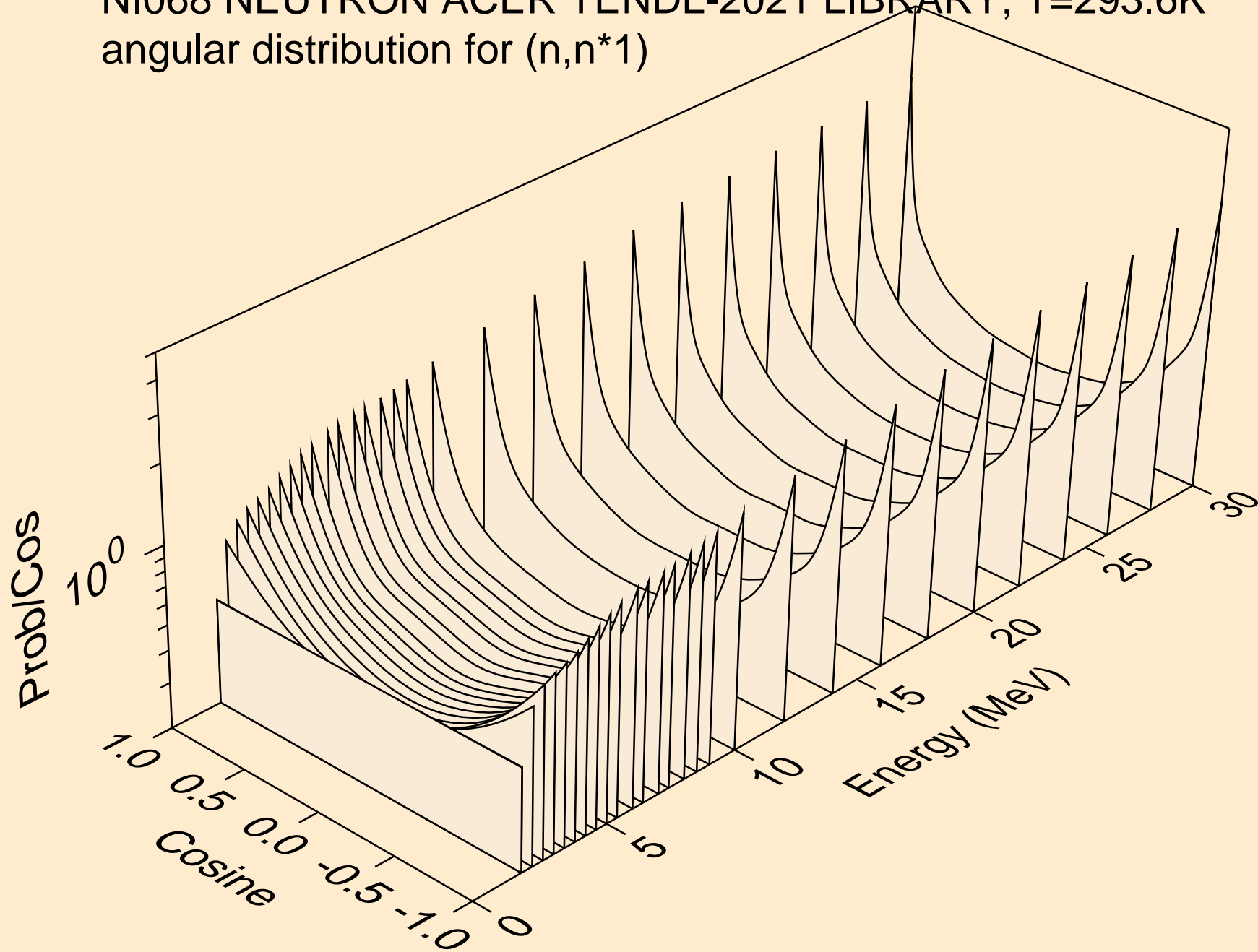
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

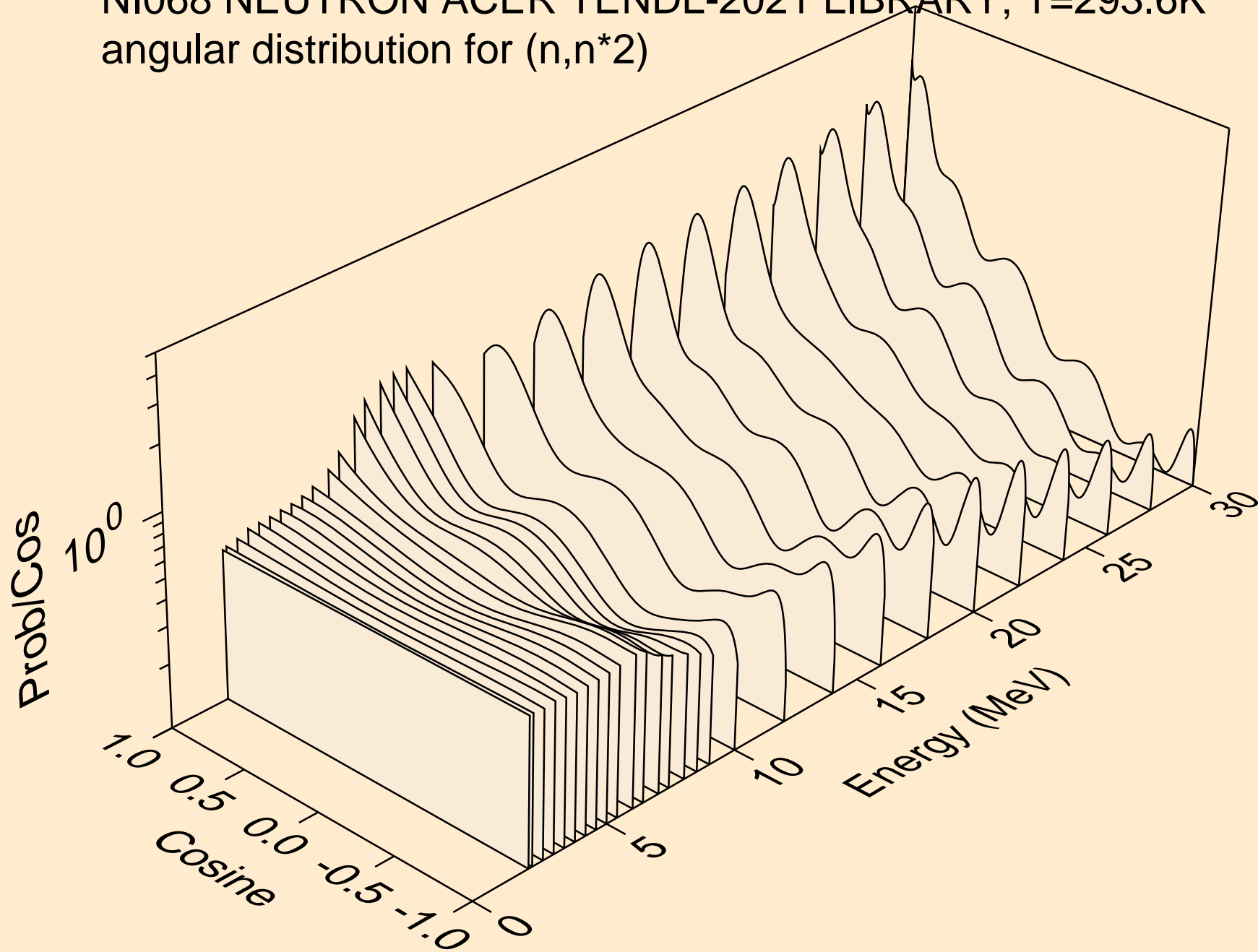


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

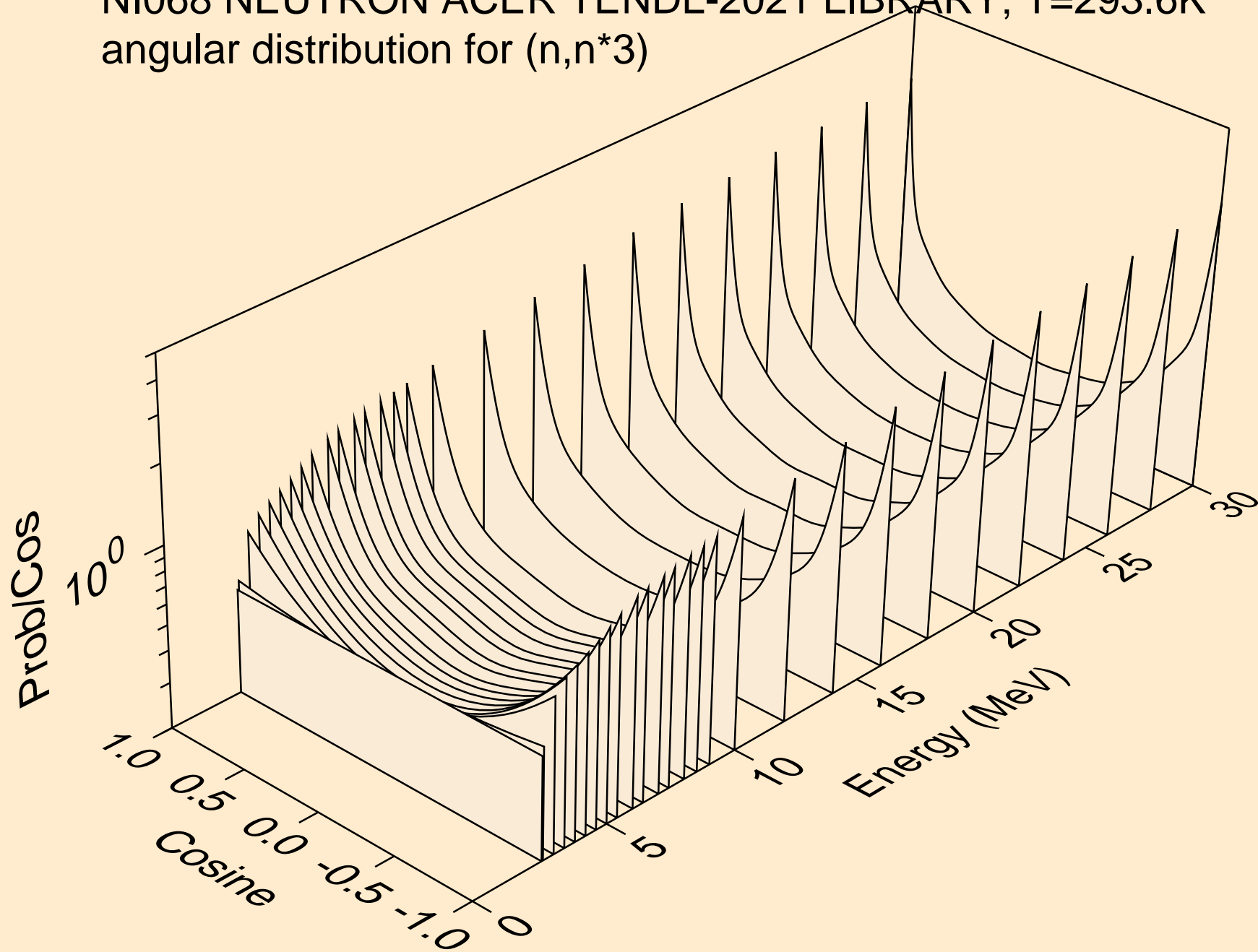




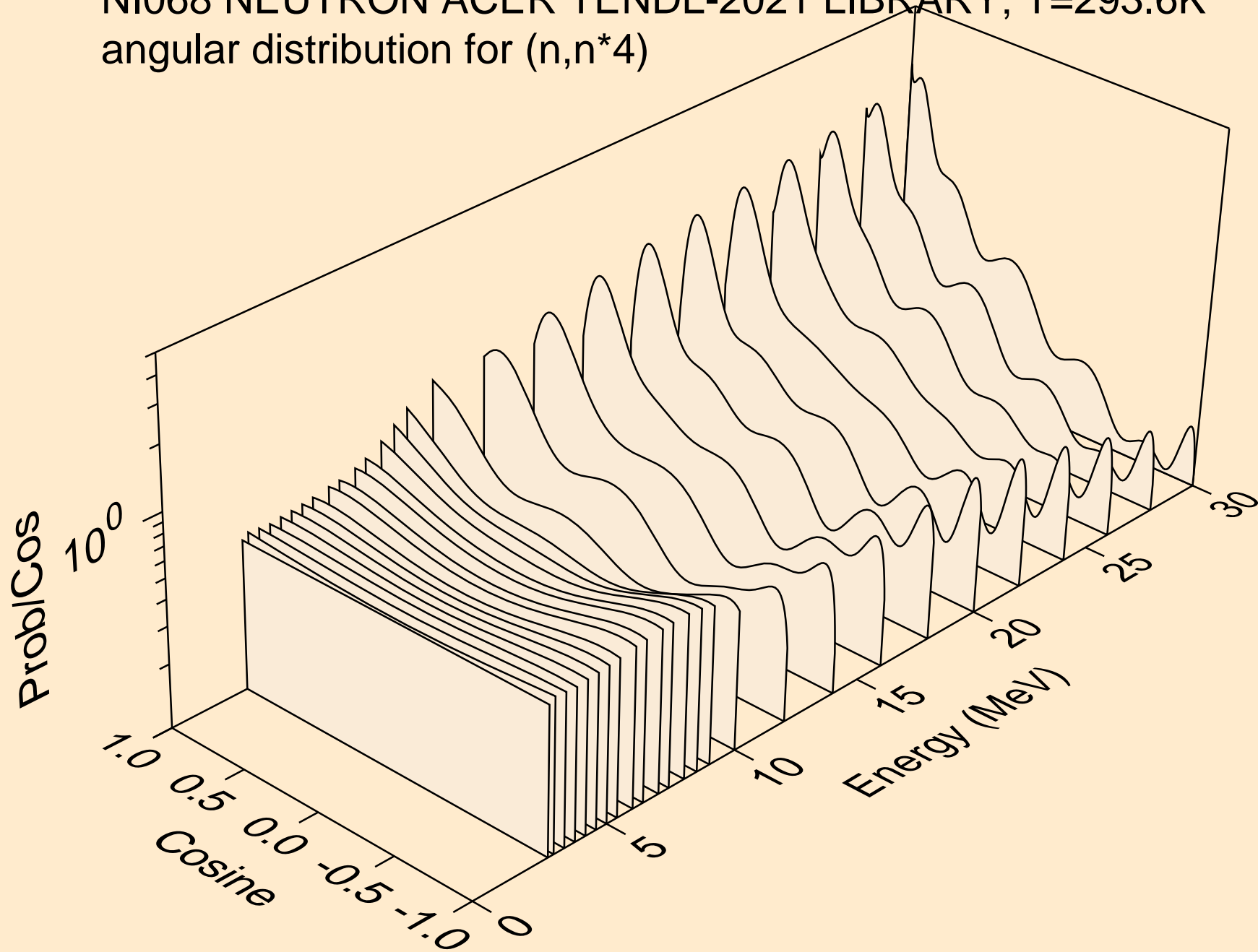
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



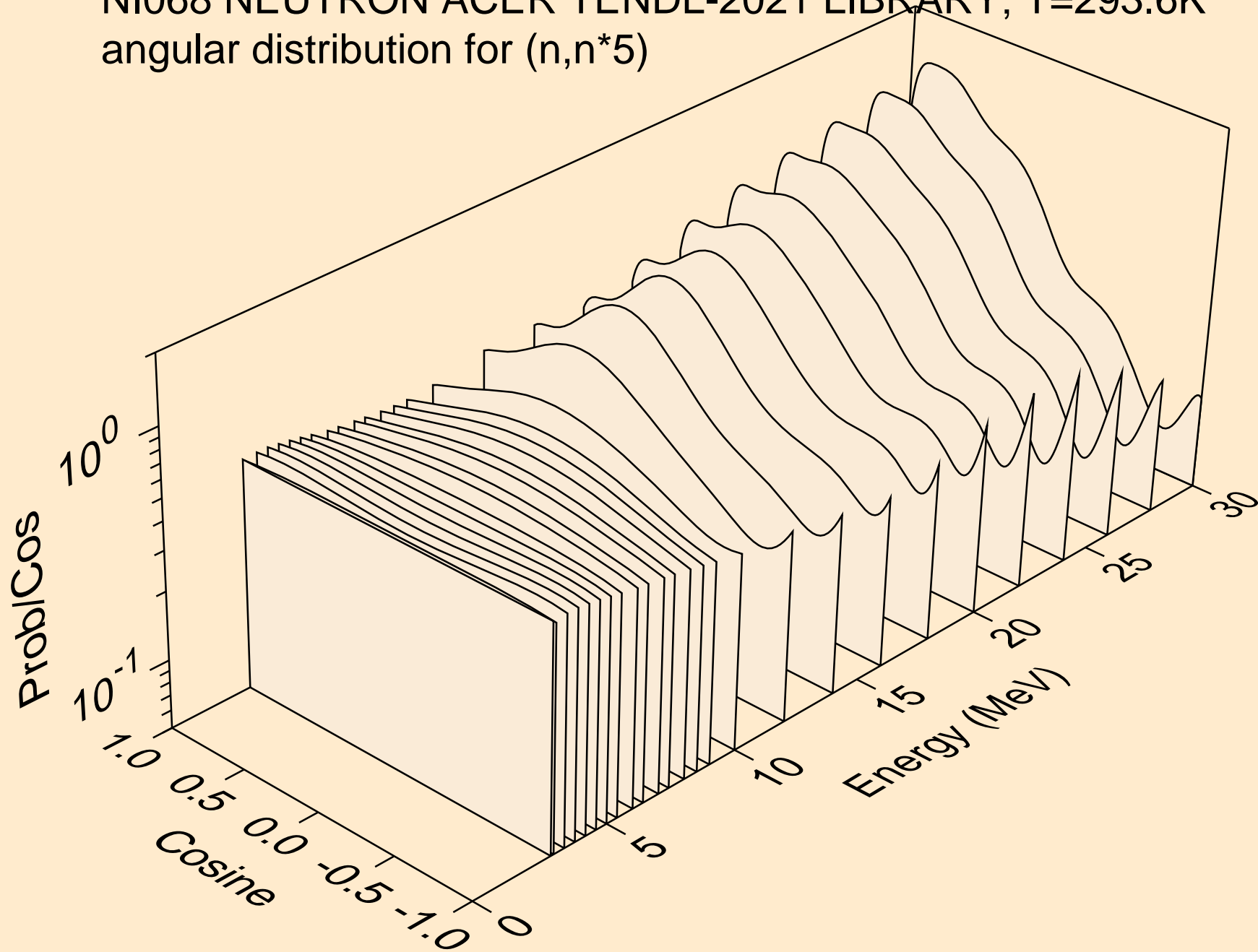
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angular distribution for (n,n\*3)



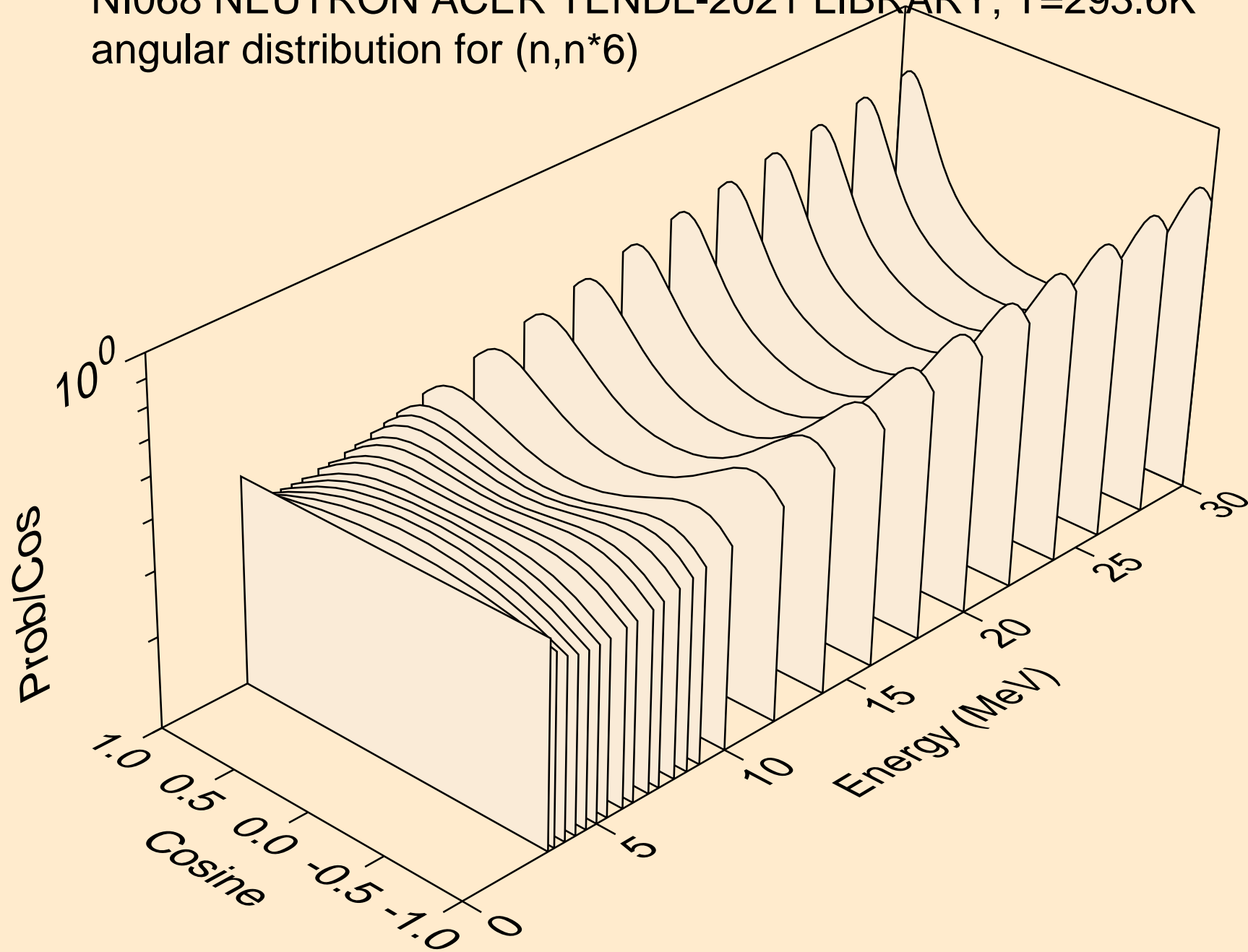
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



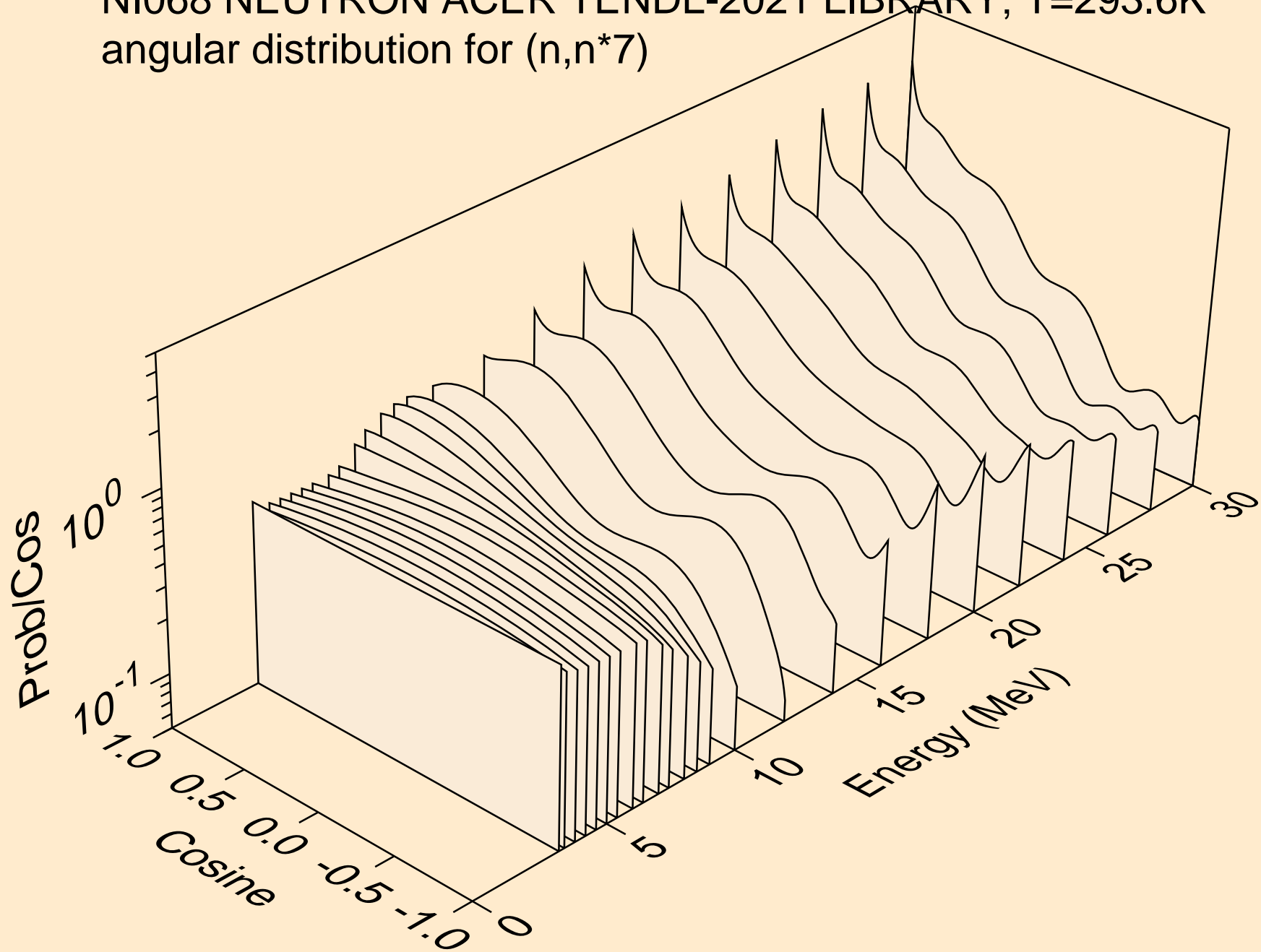
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



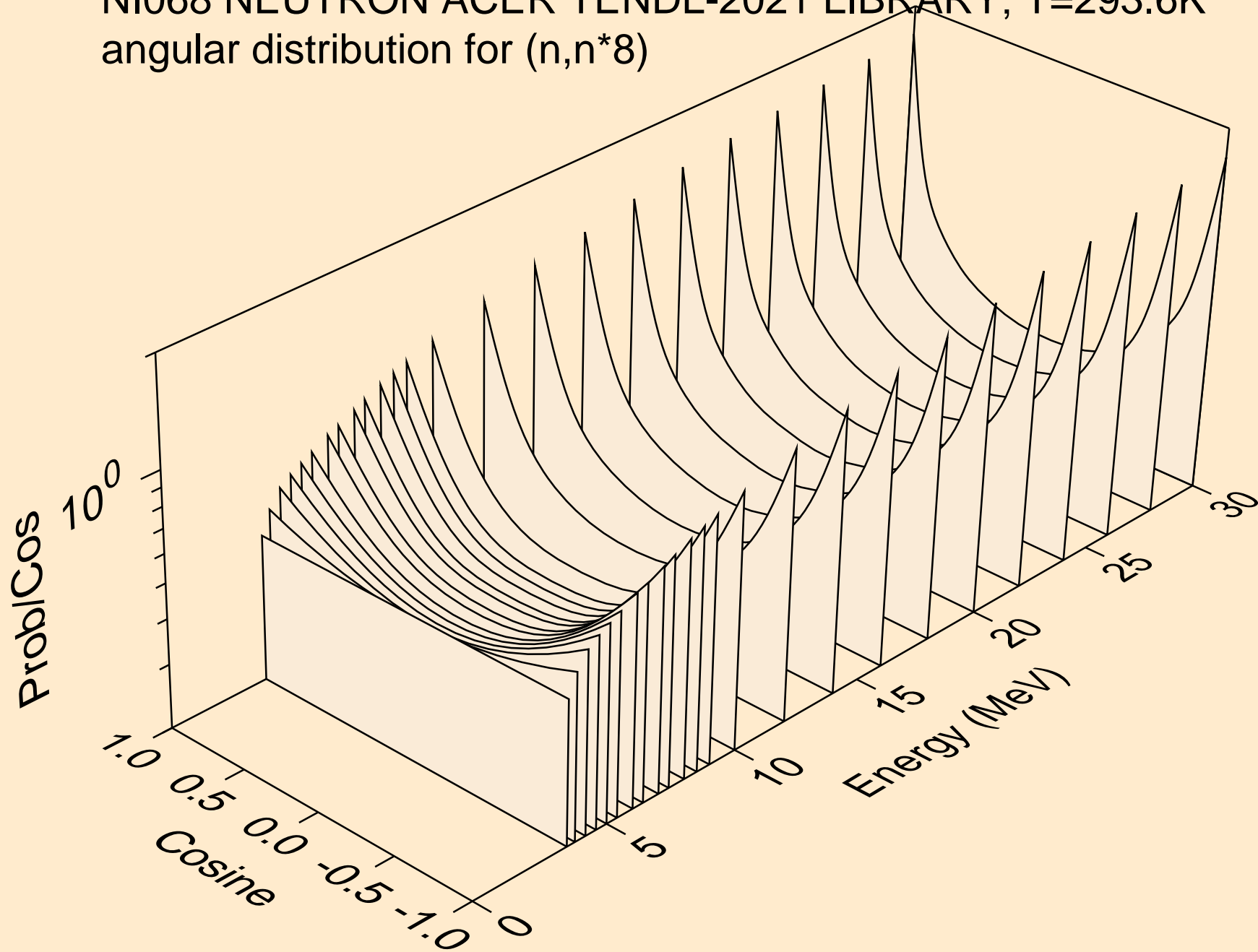
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angular distribution for (n,n\*6)



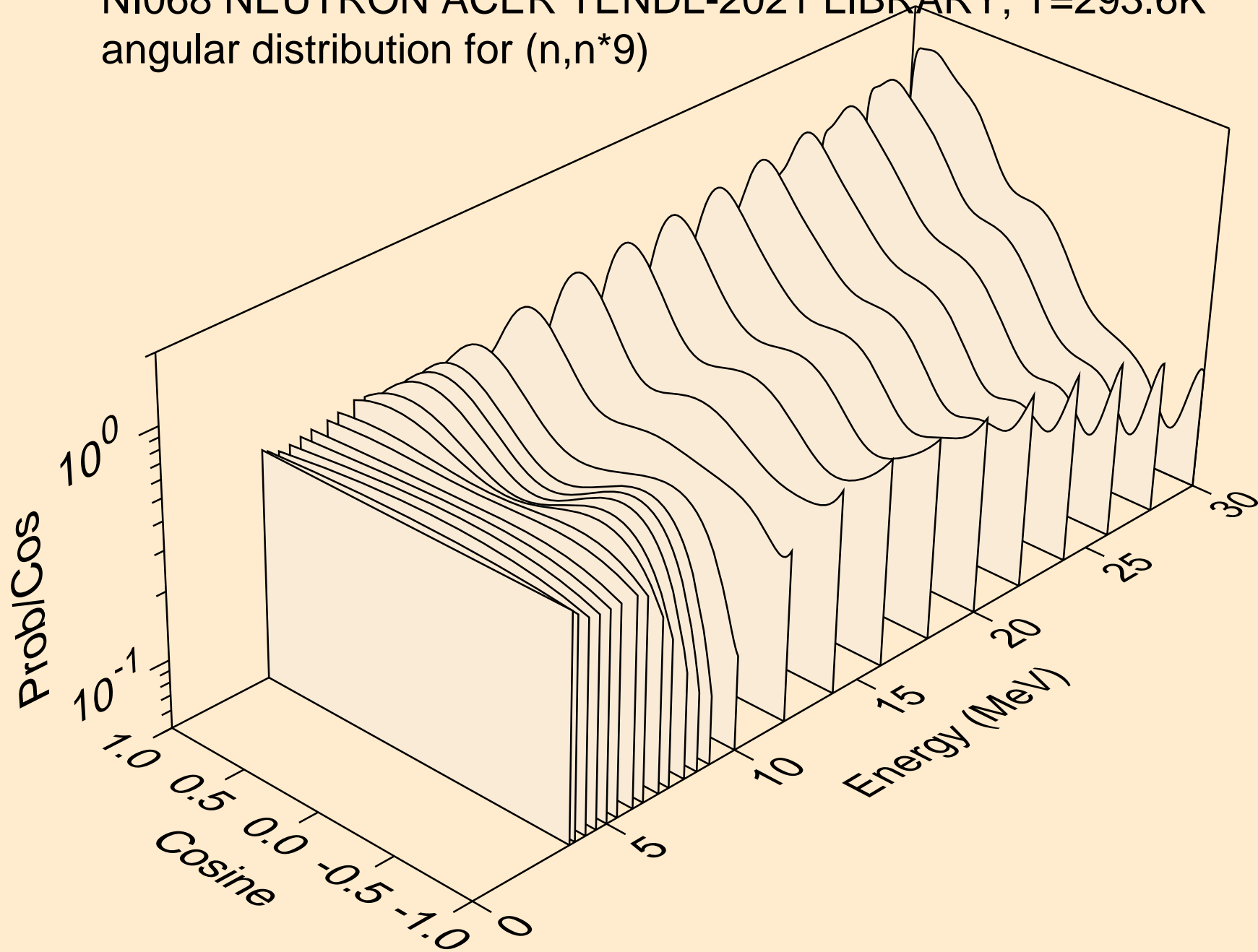
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

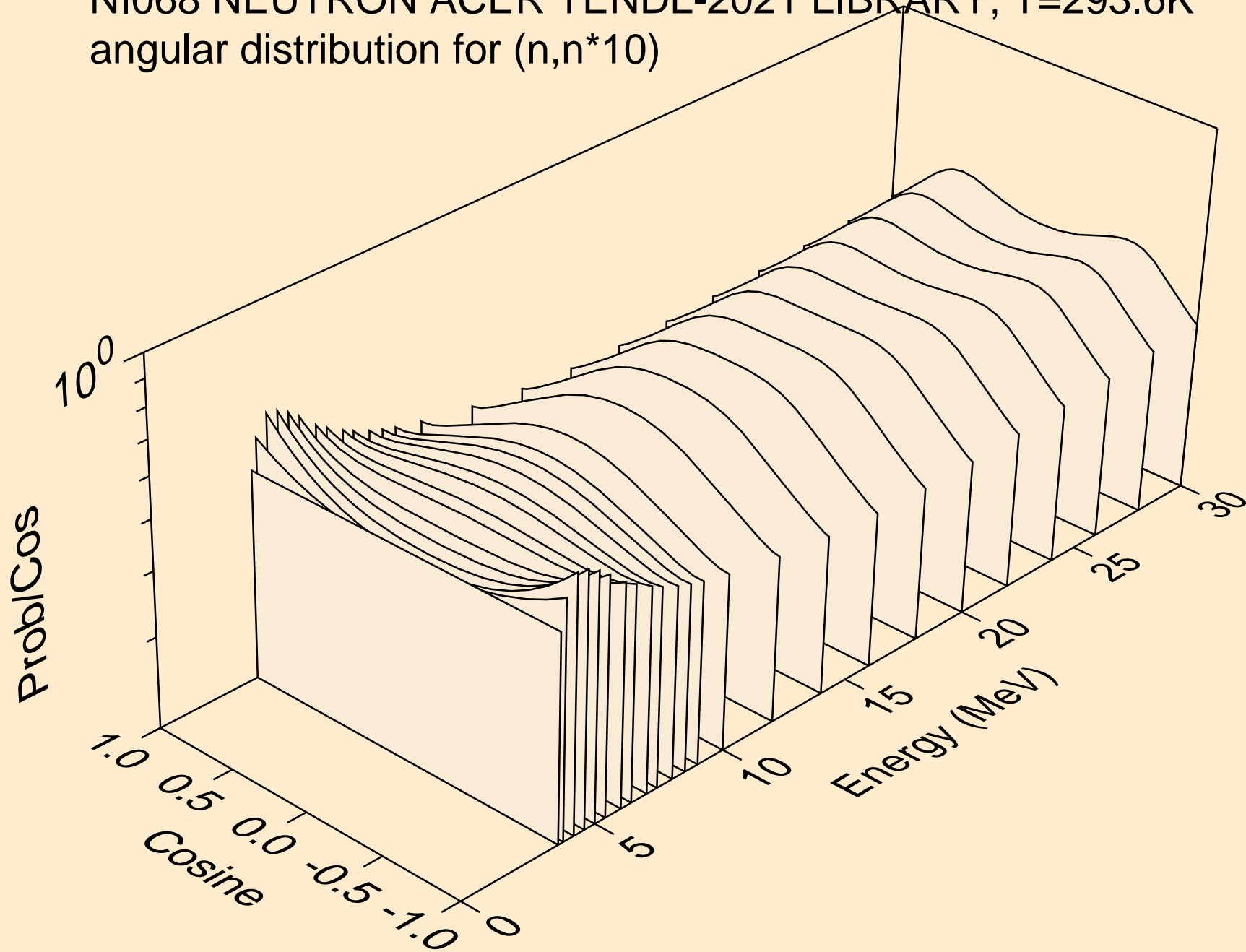


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

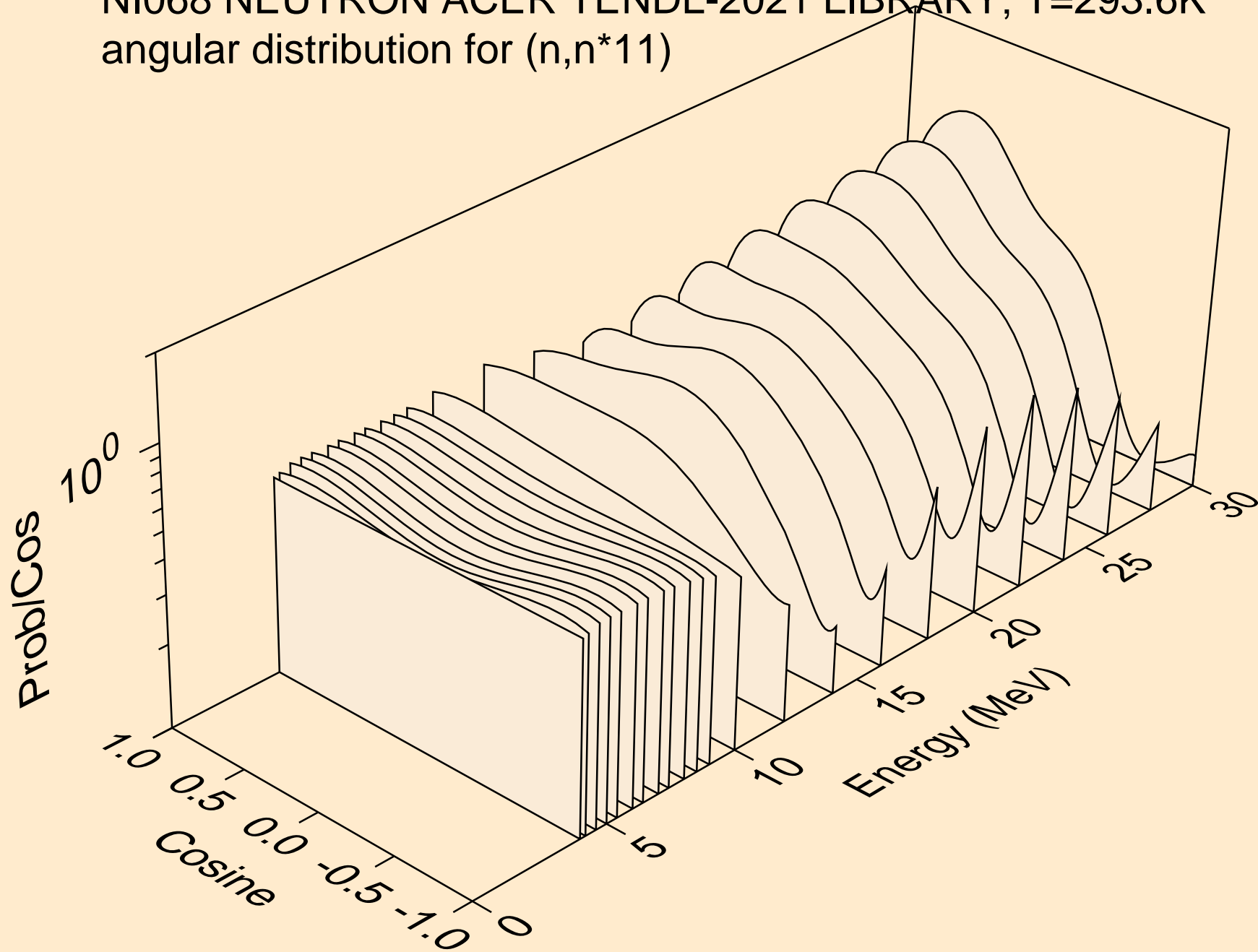




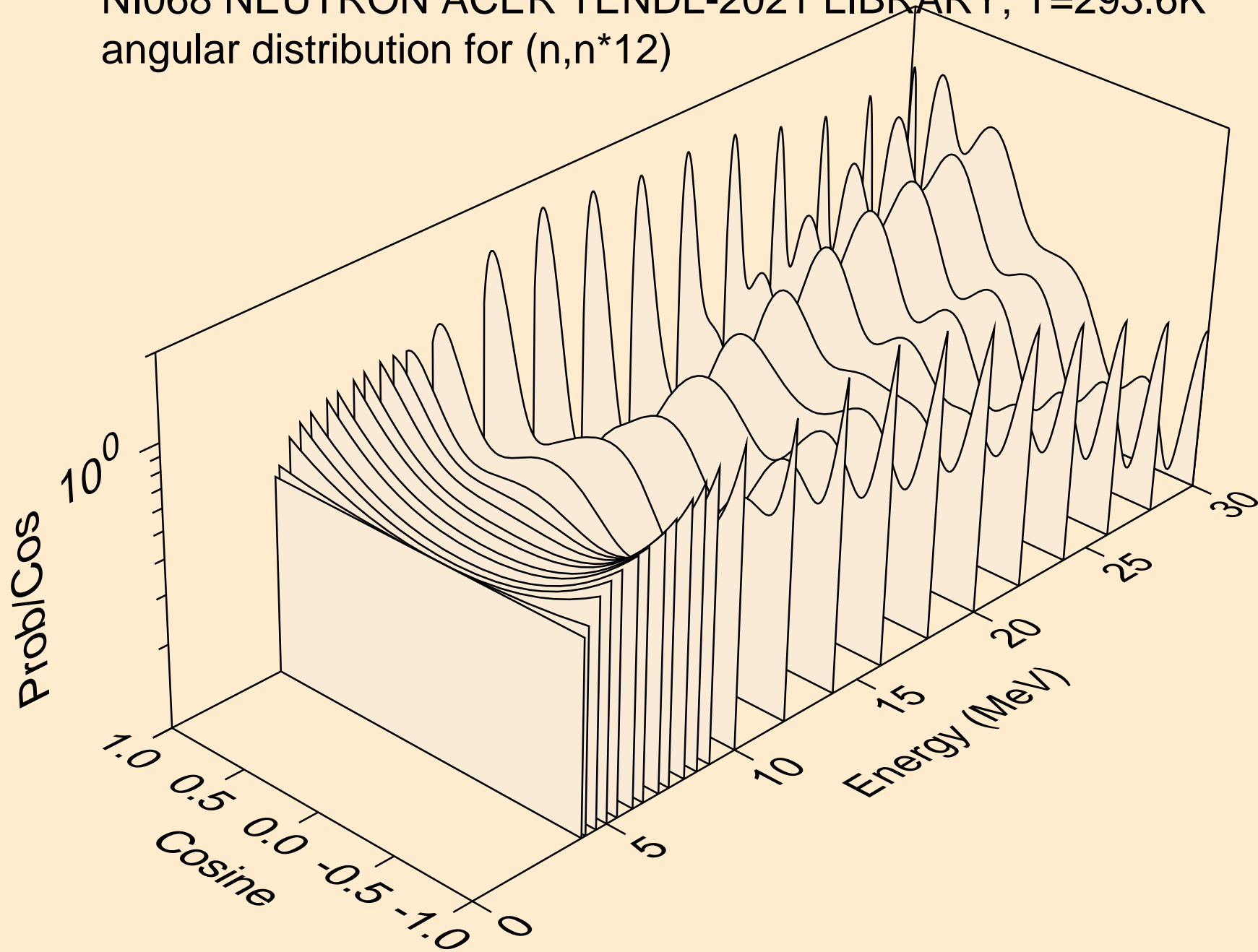
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angular distribution for (n,n\*10)



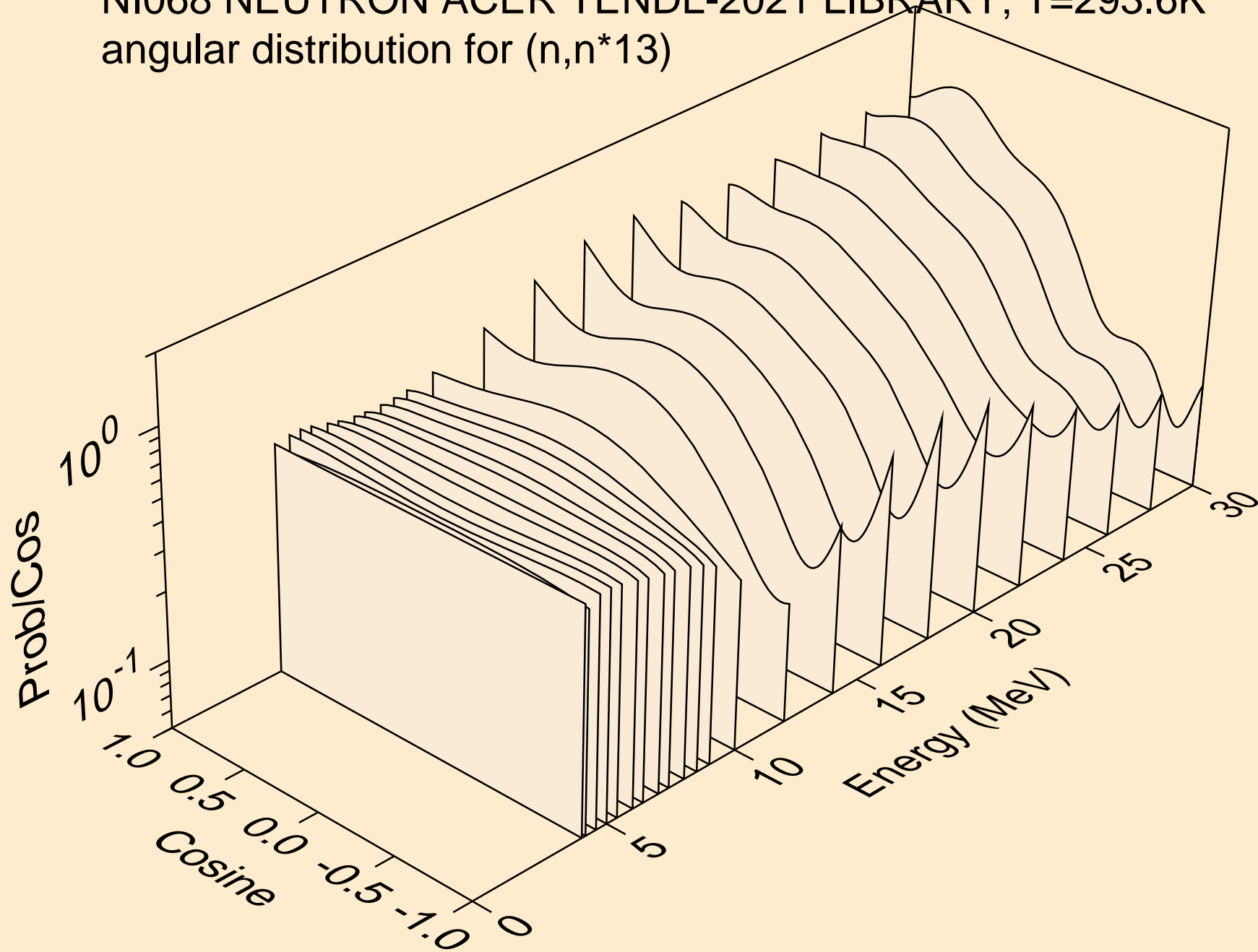
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angular distribution for (n,n\*11)



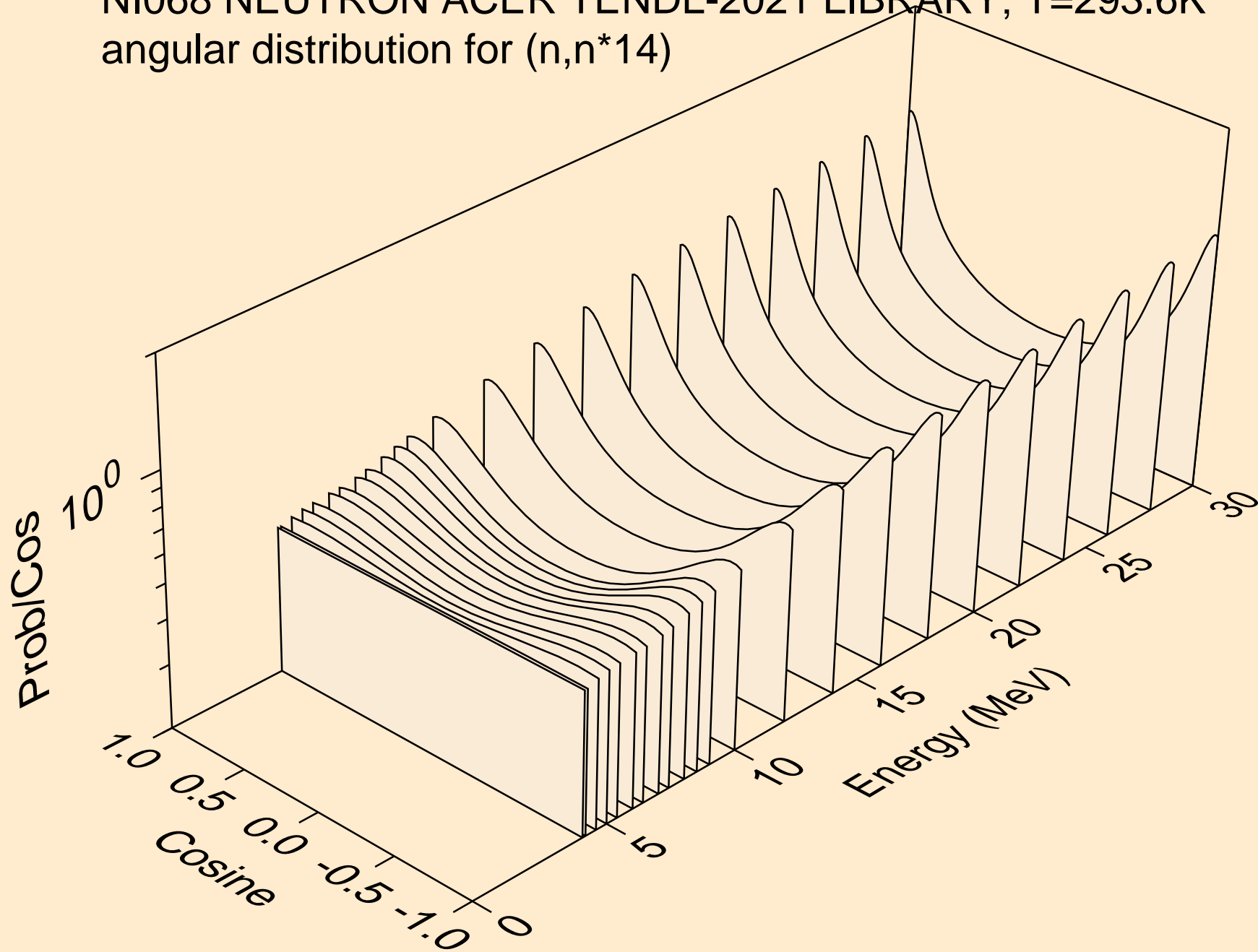
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angular distribution for (n,n\*12)



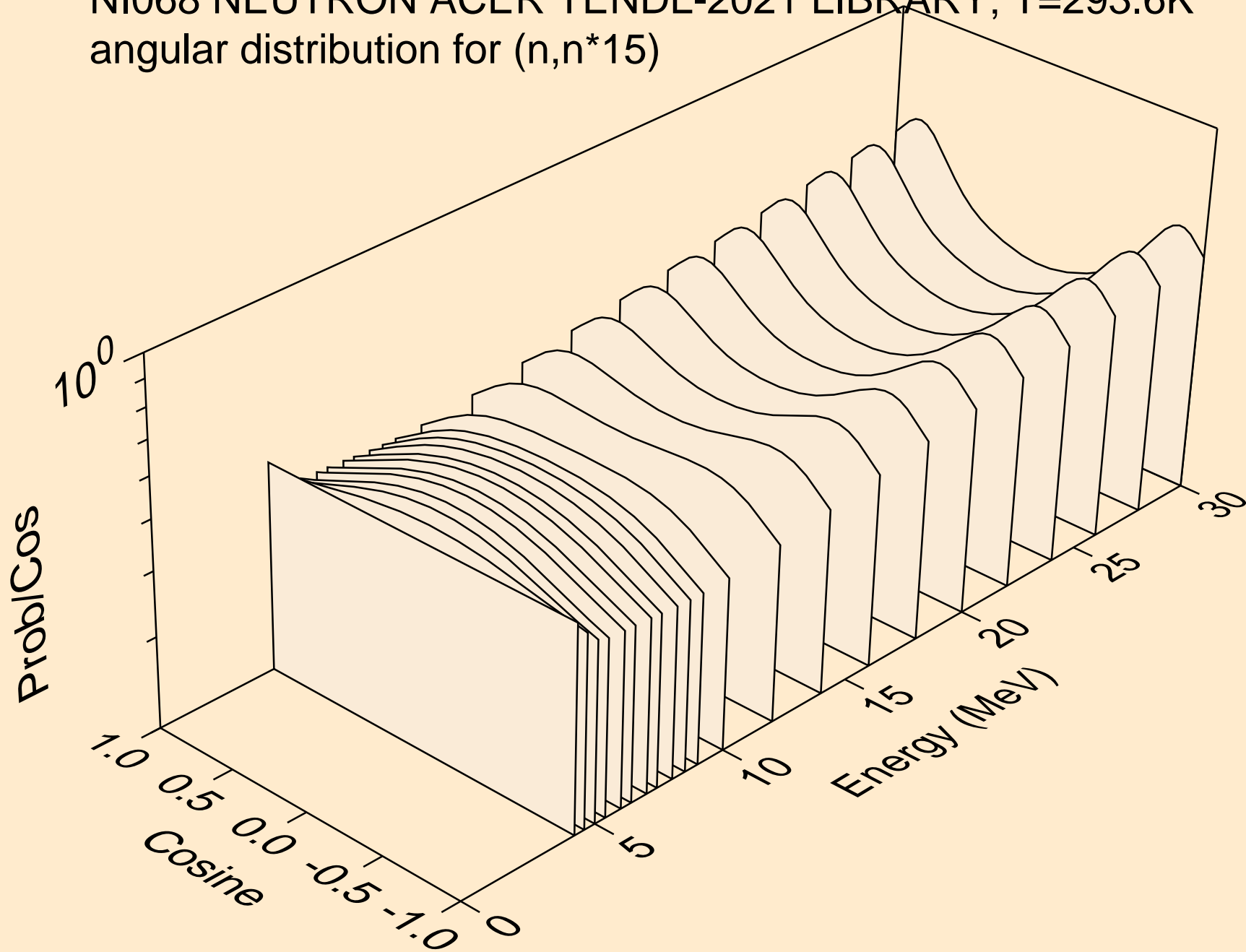
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angular distribution for (n,n\*13)



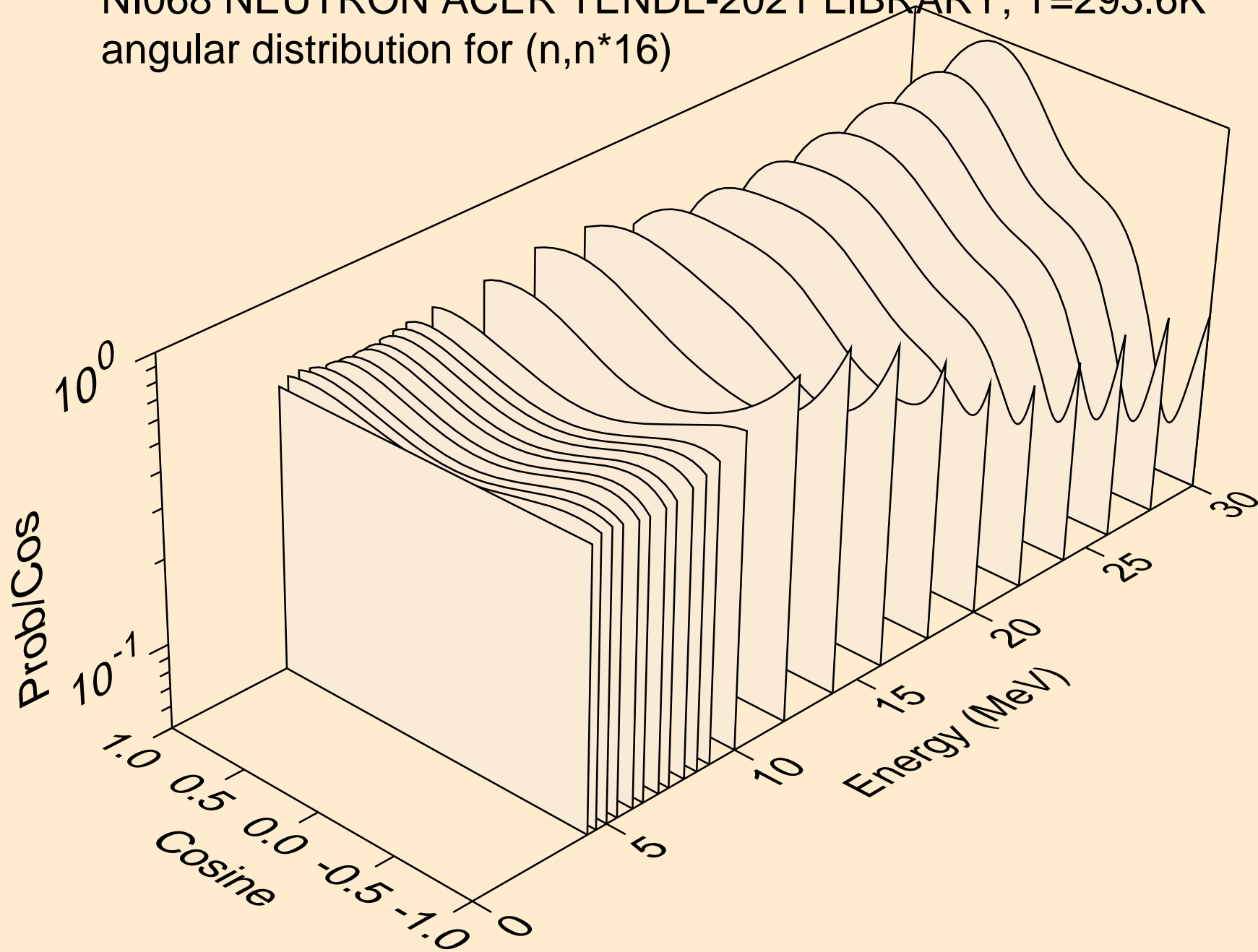
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angular distribution for (n,n\*14)



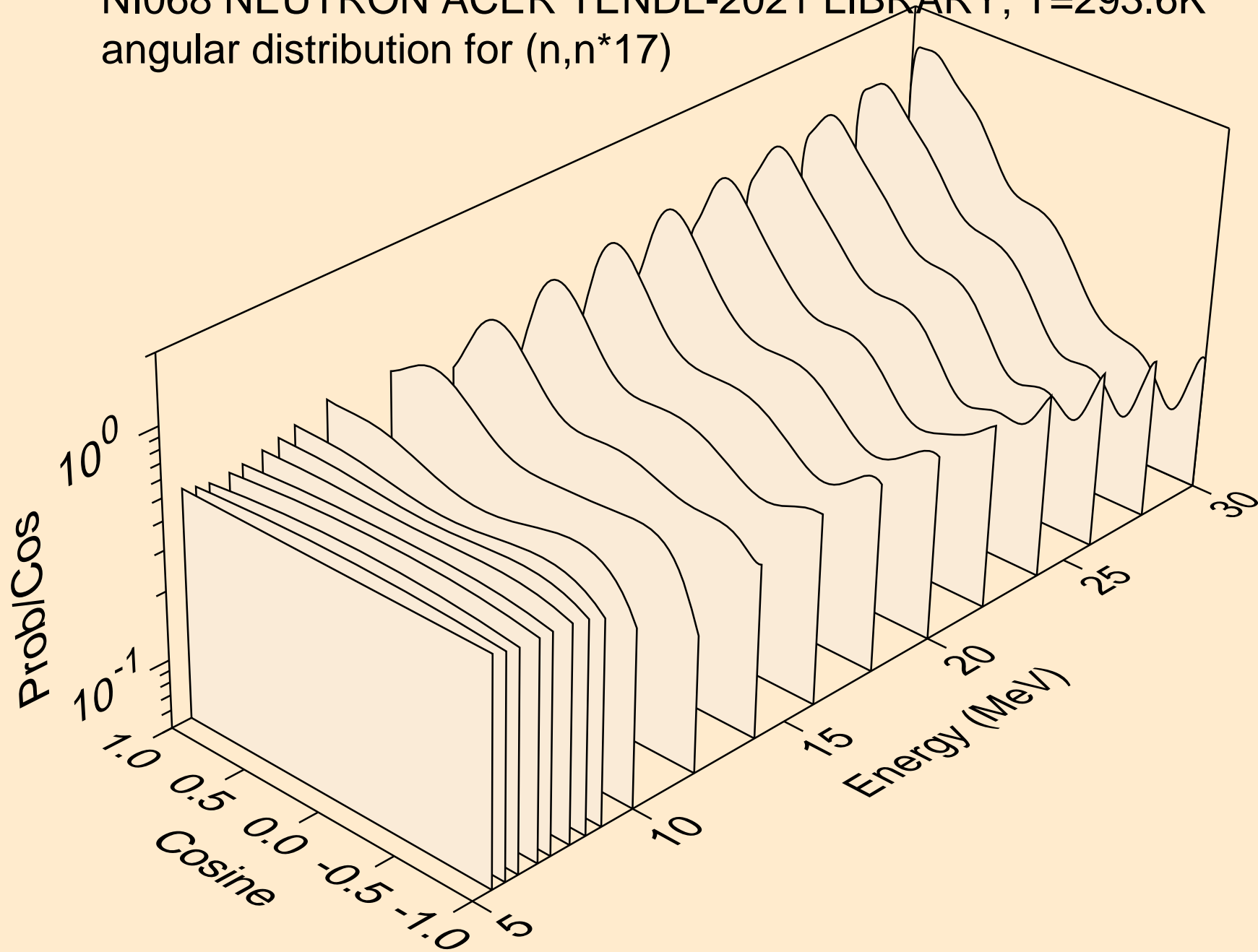
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

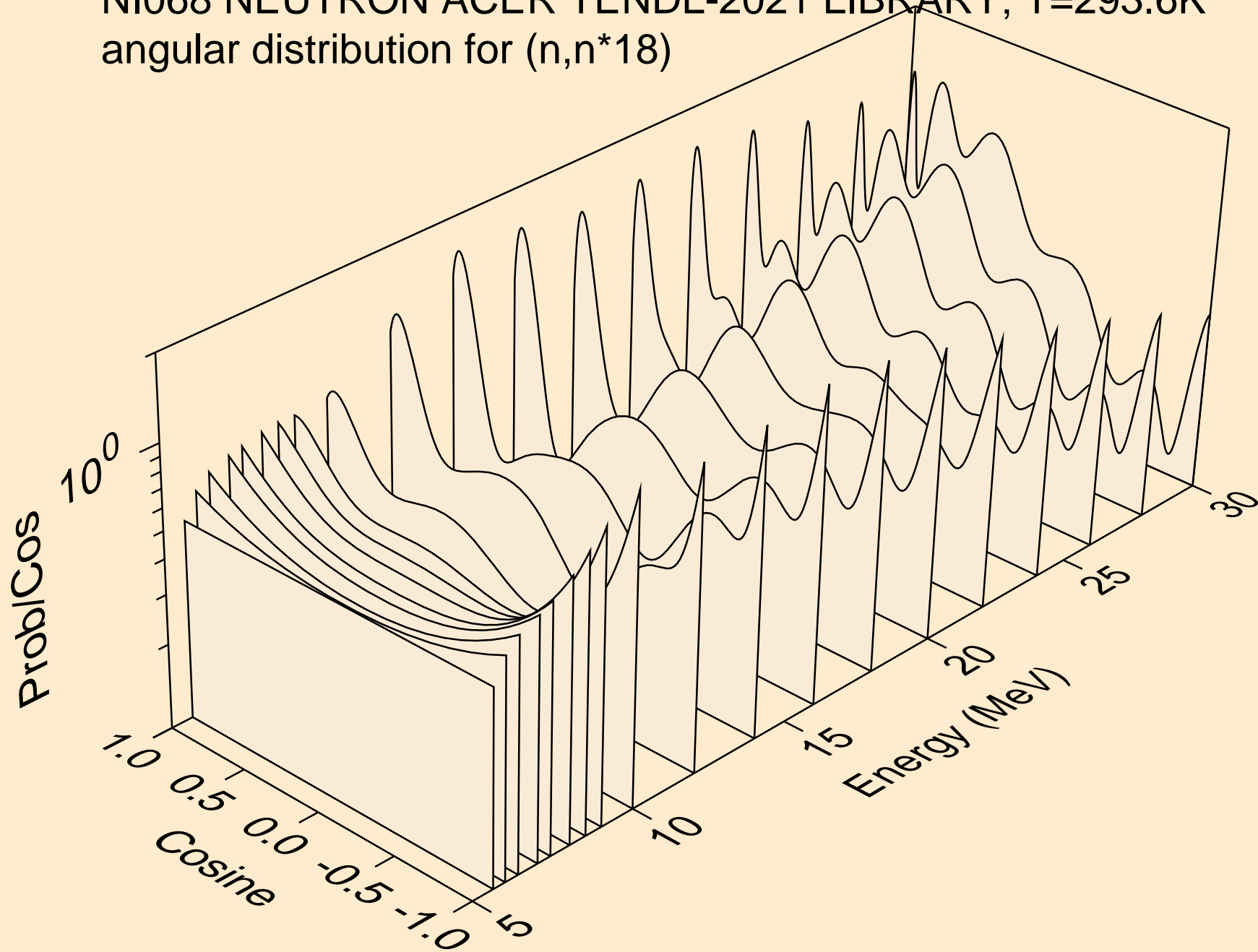


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

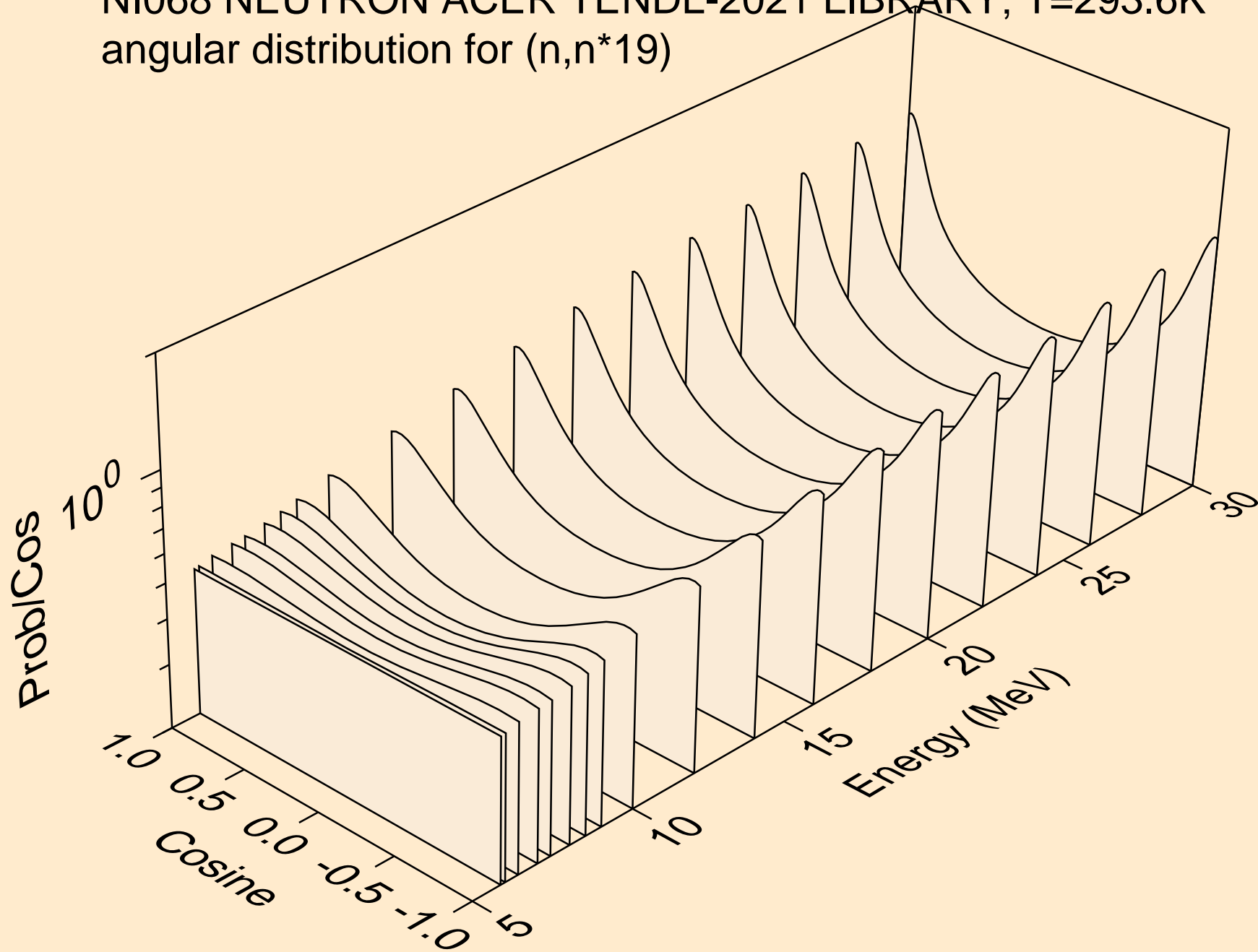




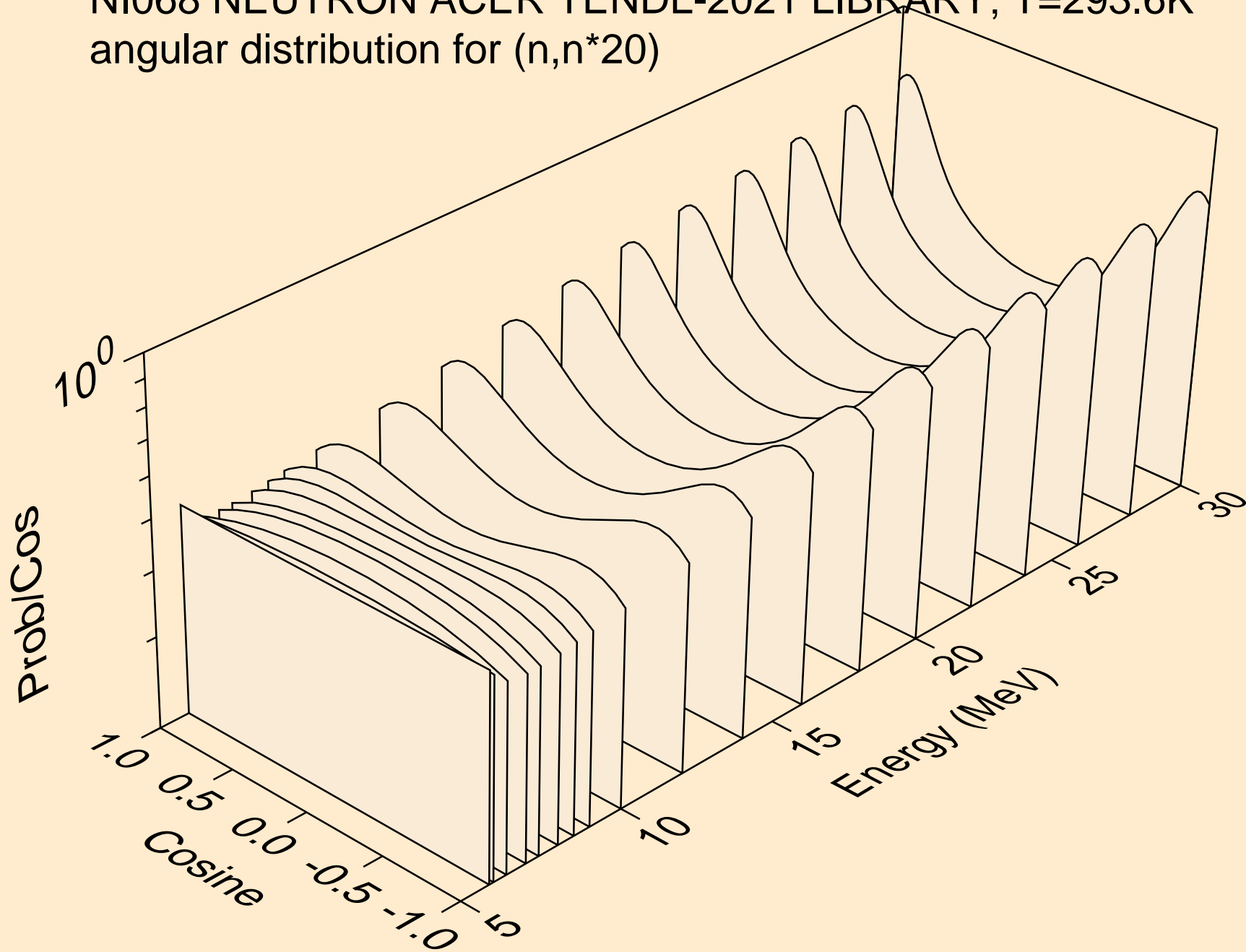
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angular distribution for (n,n\*18)



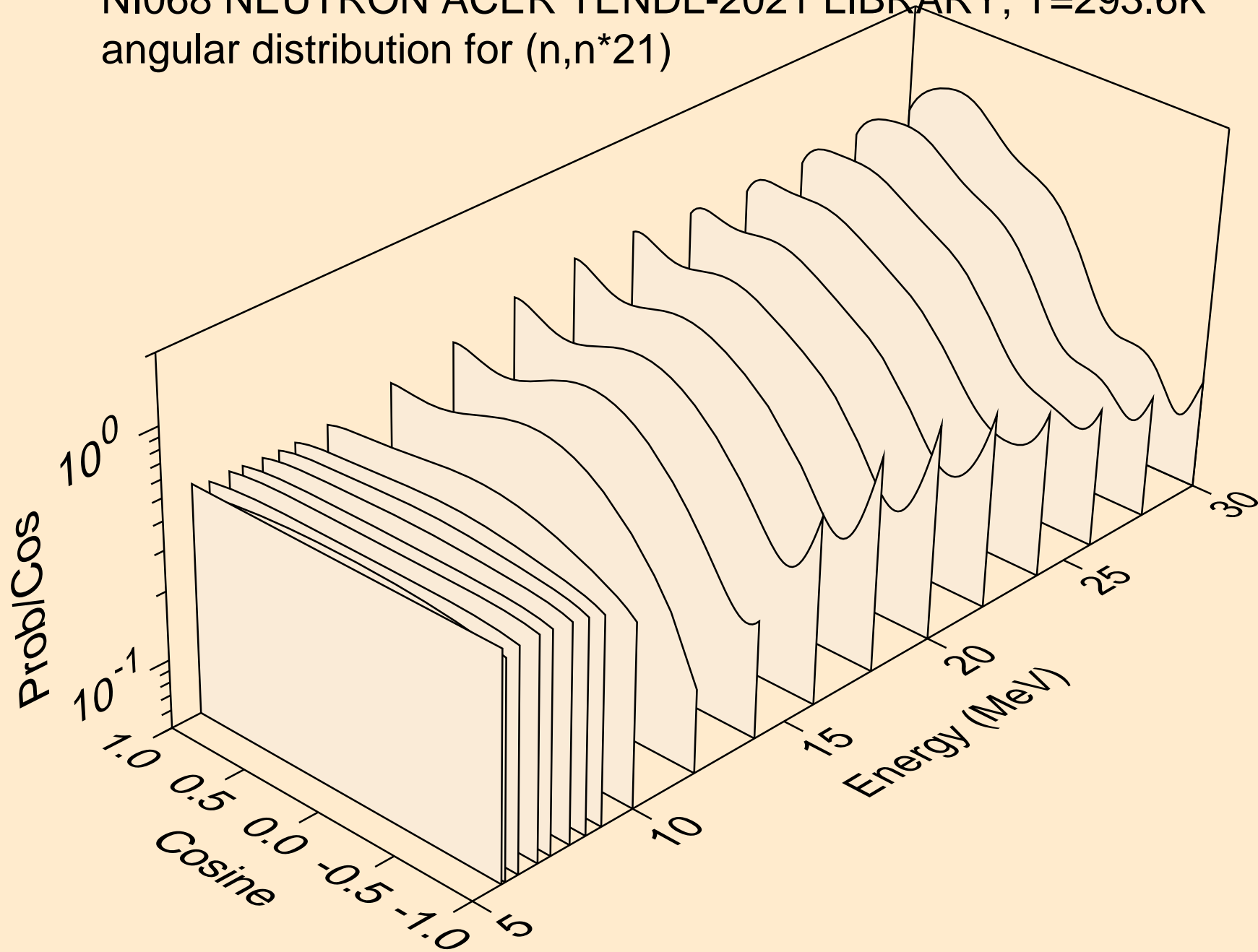
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angular distribution for (n,n\*19)



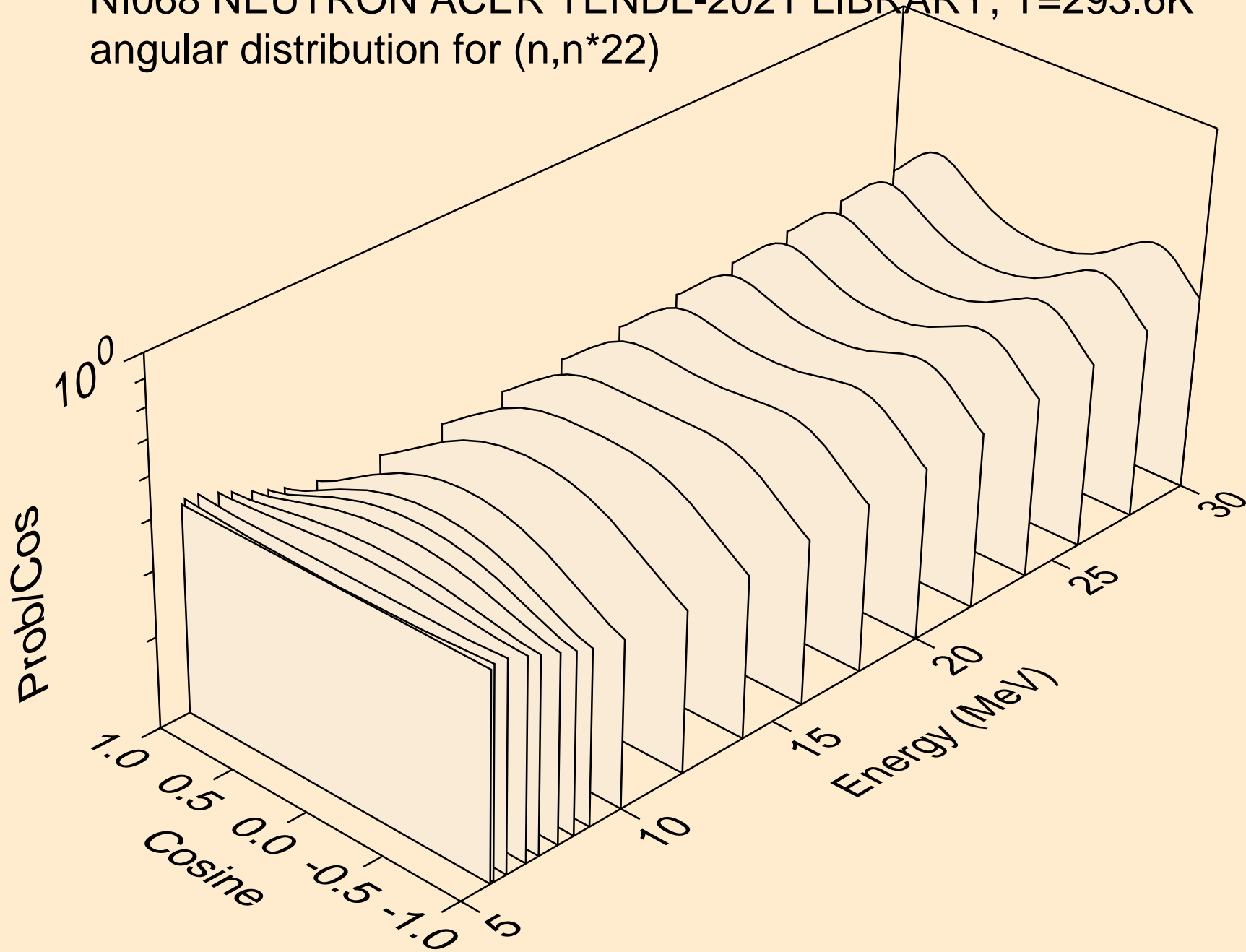
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angular distribution for (n,n\*20)



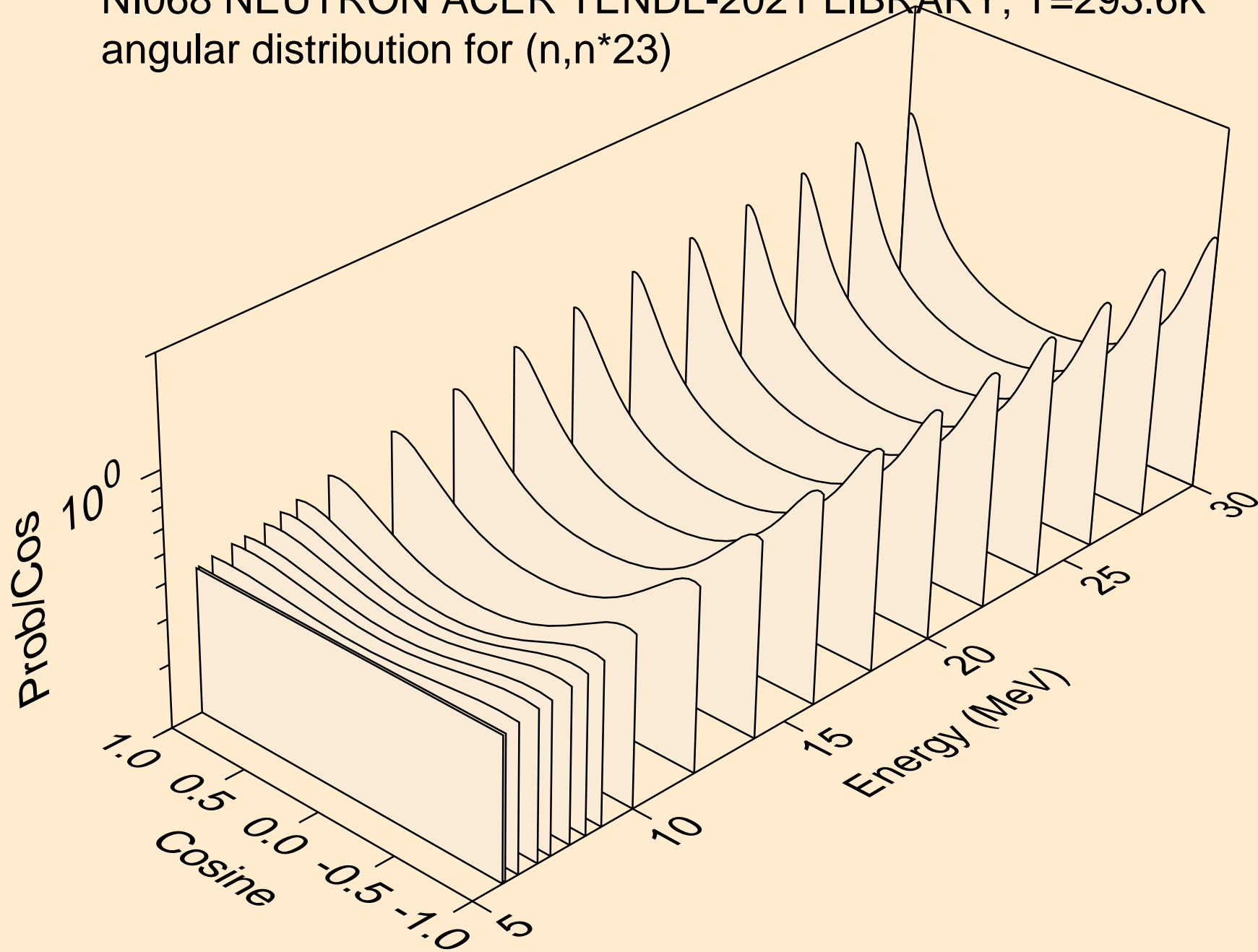
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angular distribution for (n,n\*21)



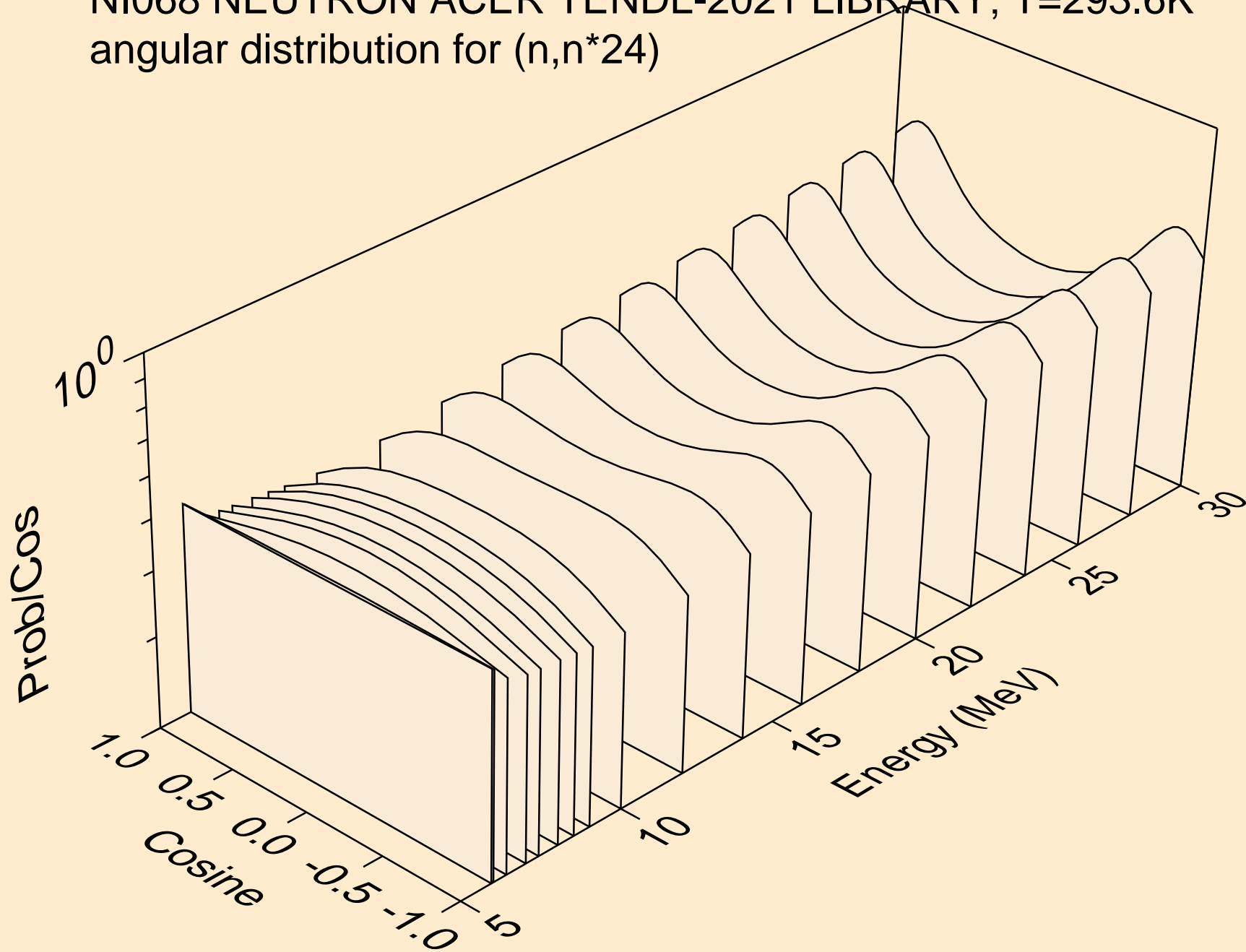
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angular distribution for (n,n\*22)



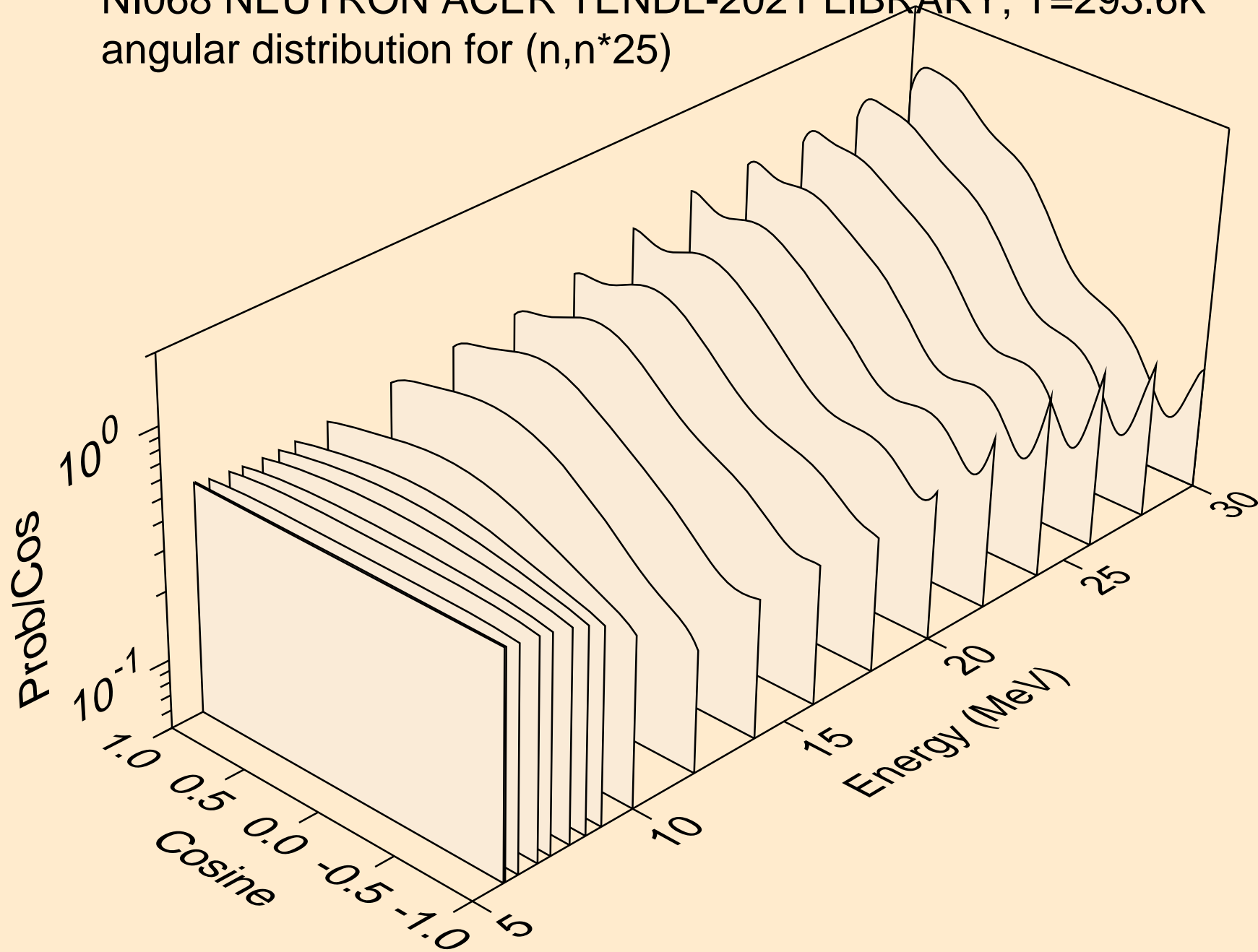
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

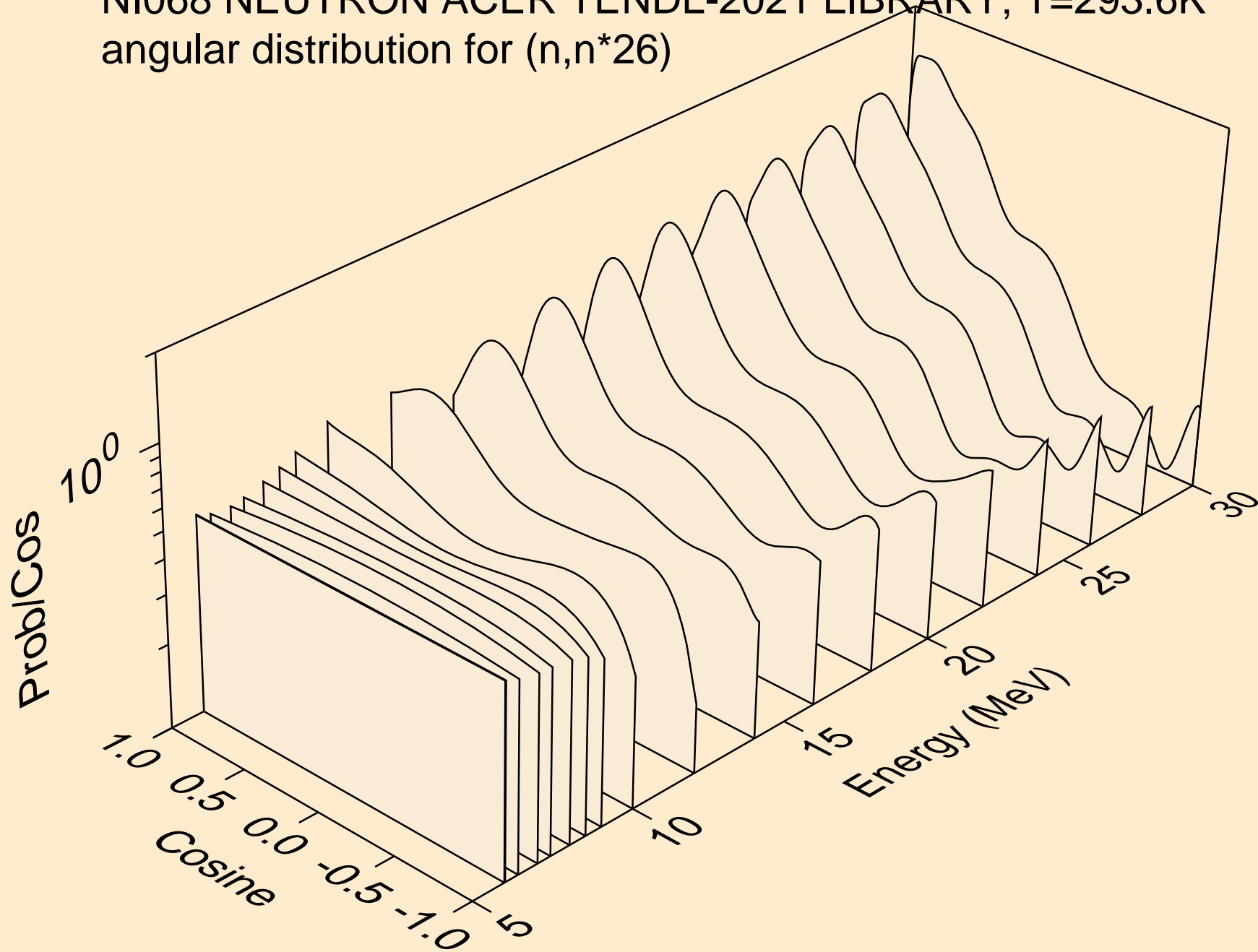


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

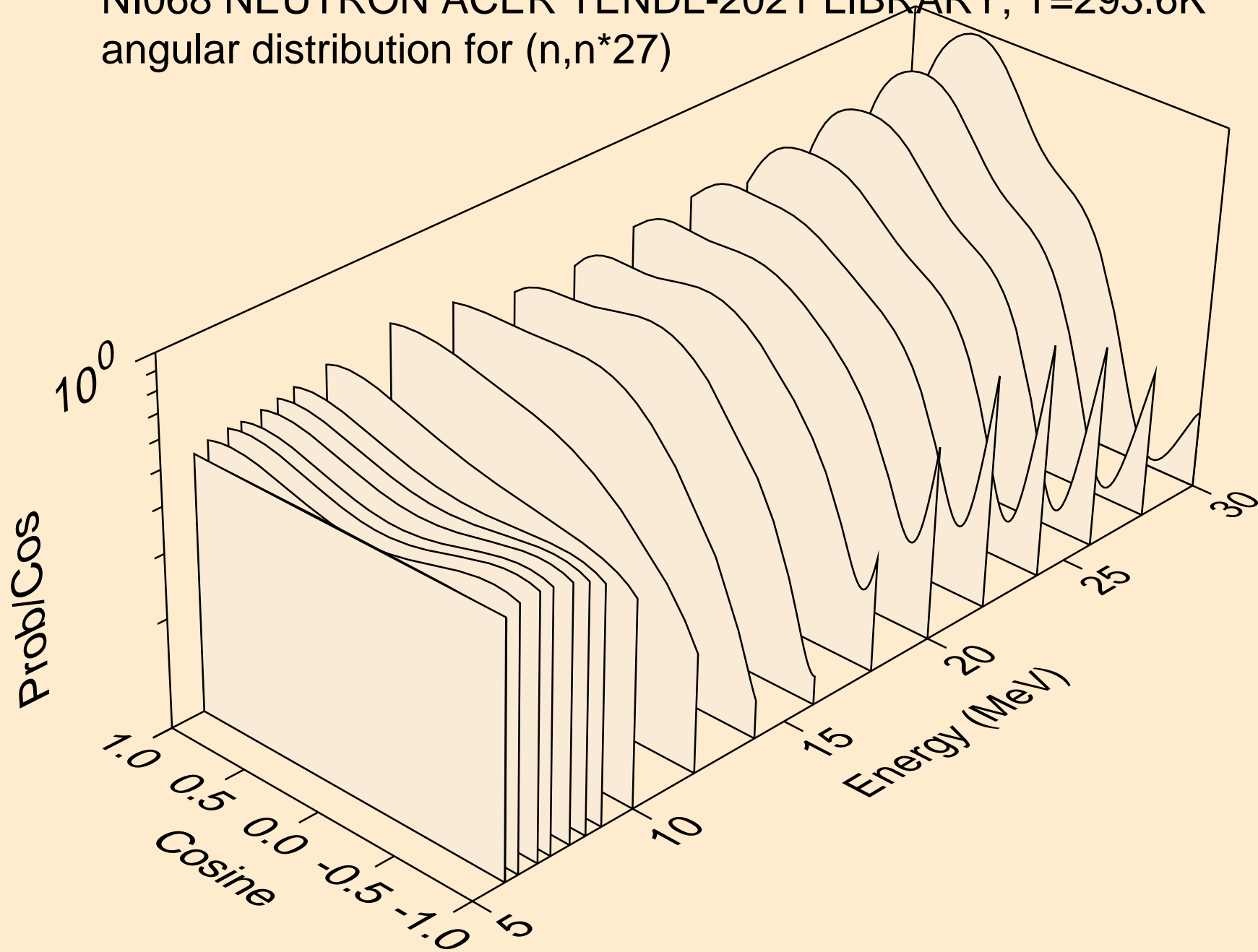




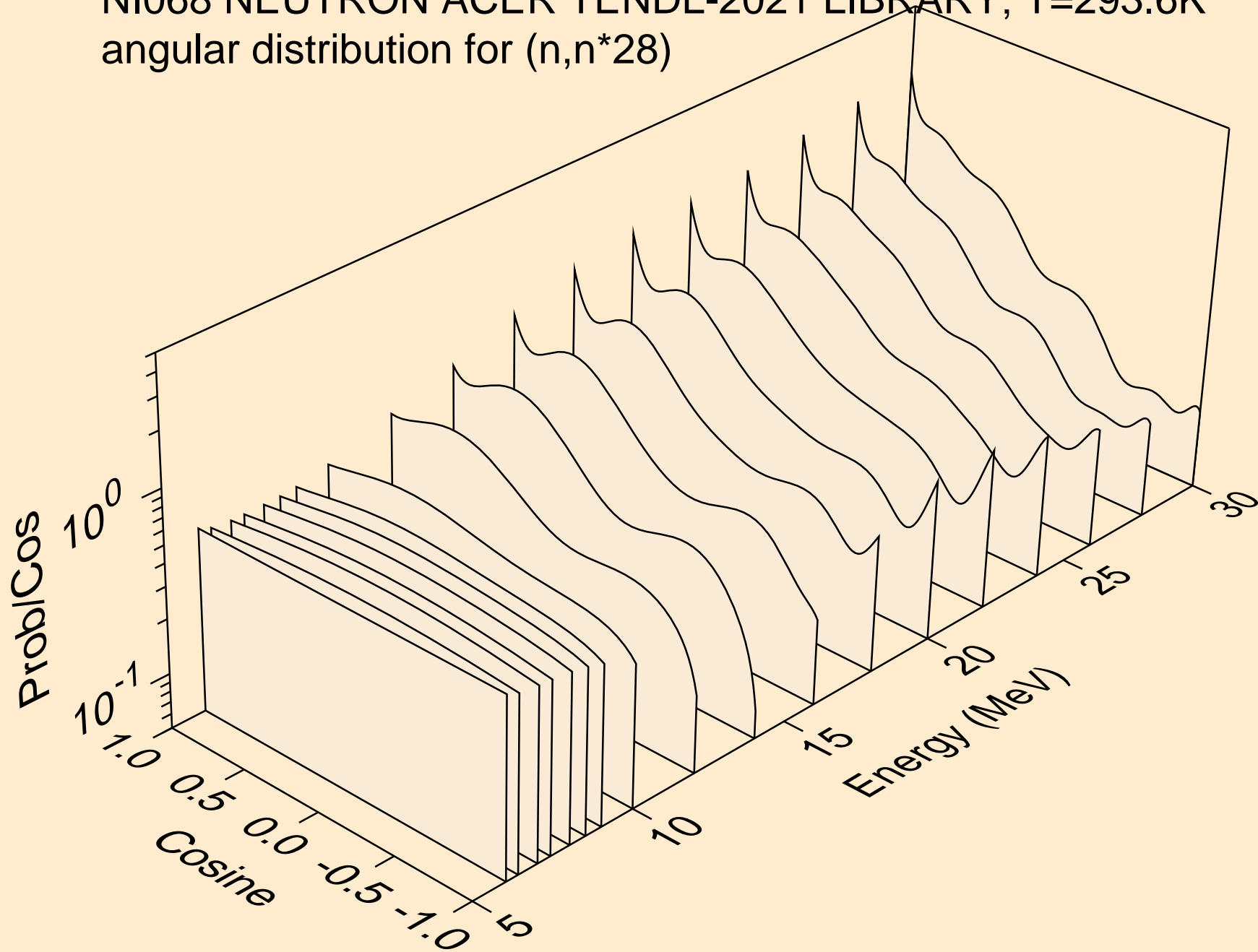
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



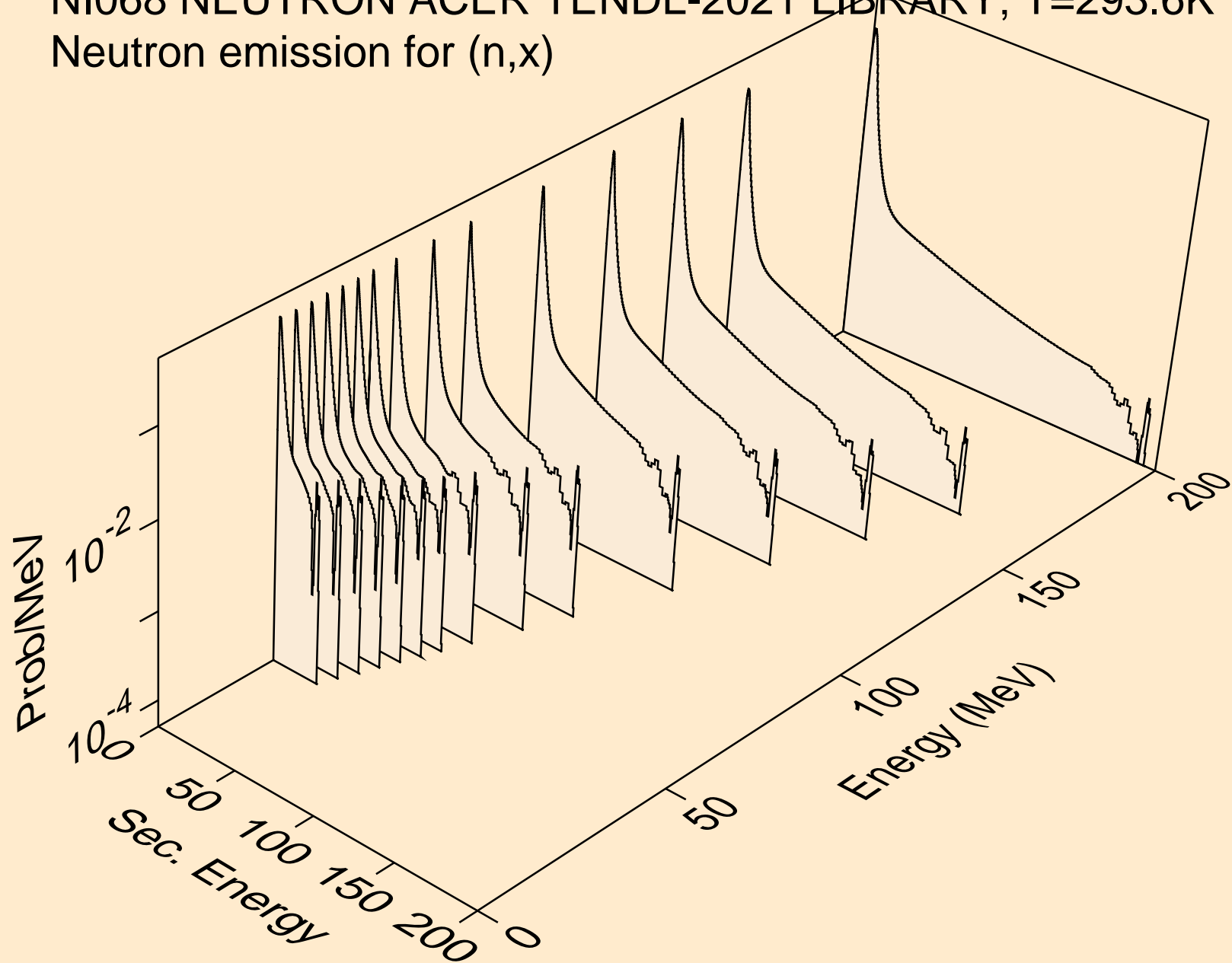
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



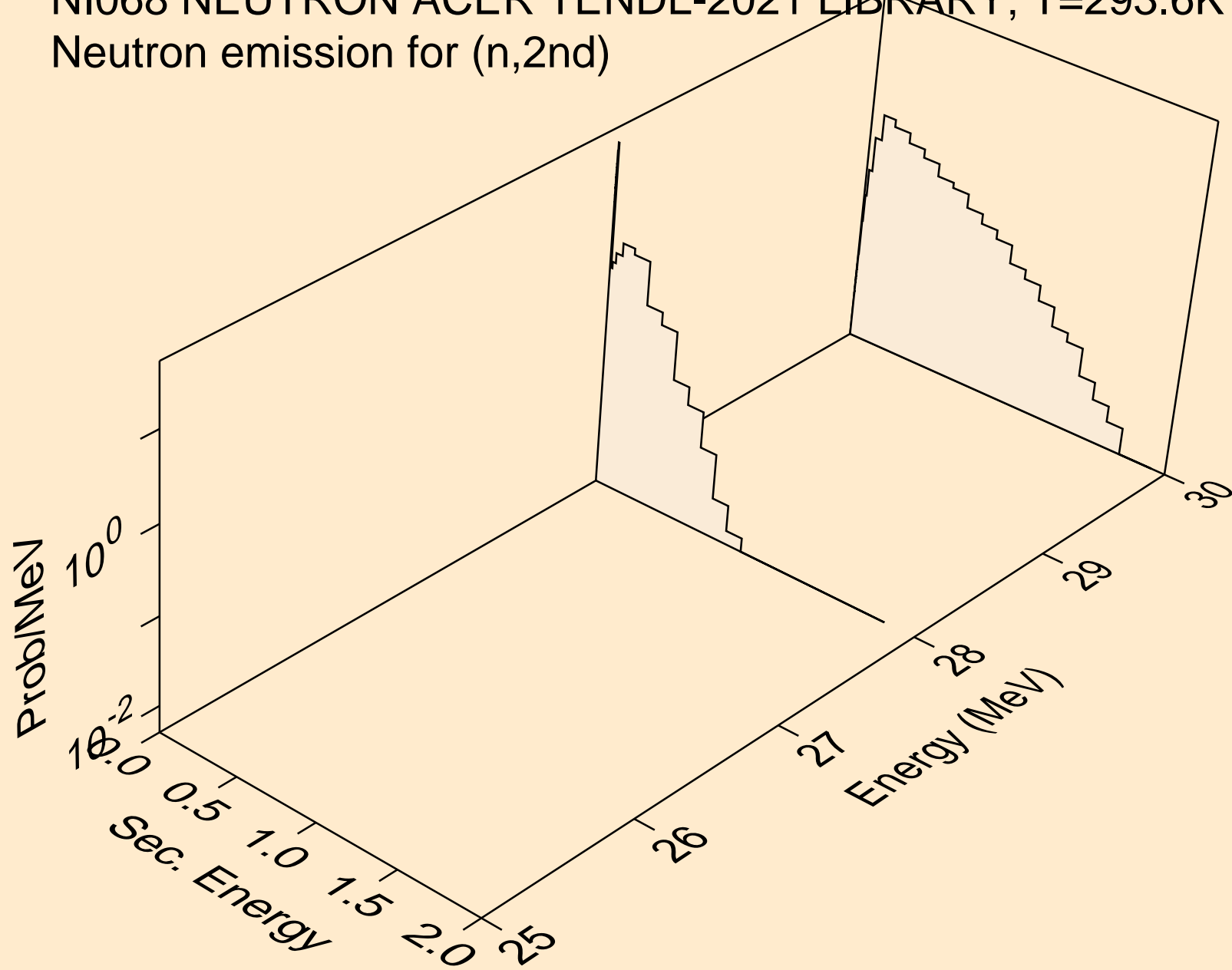
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



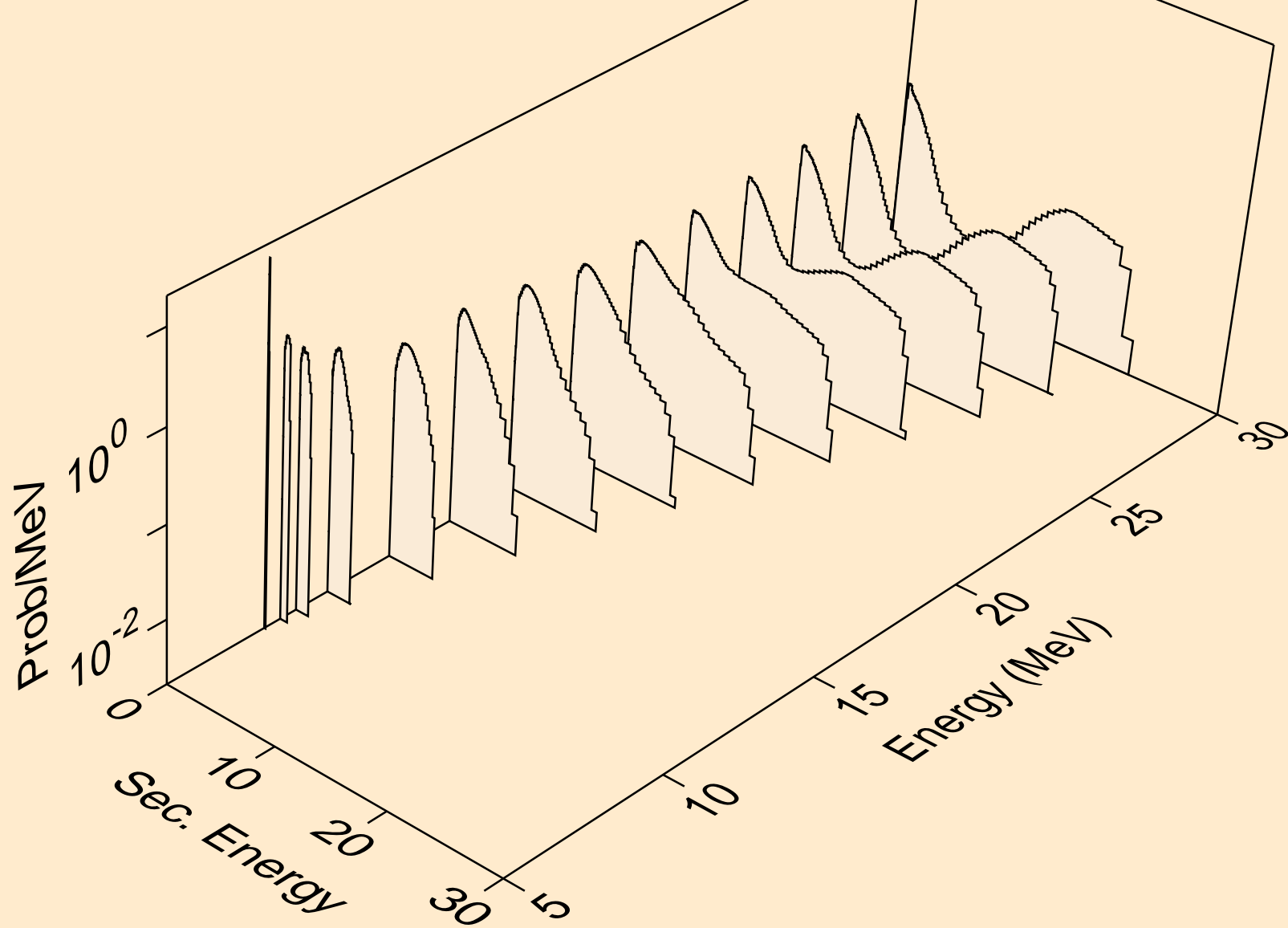
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



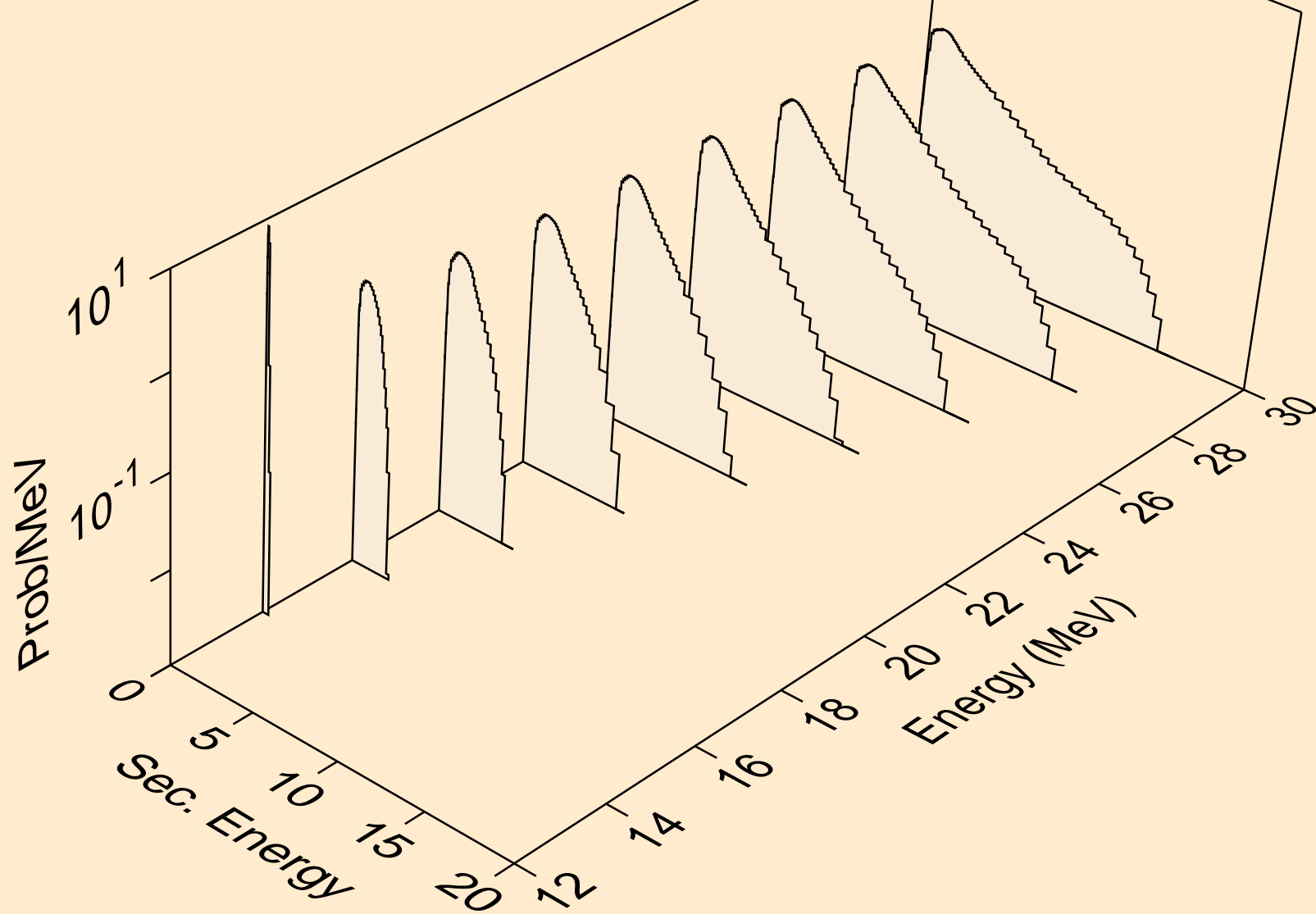
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



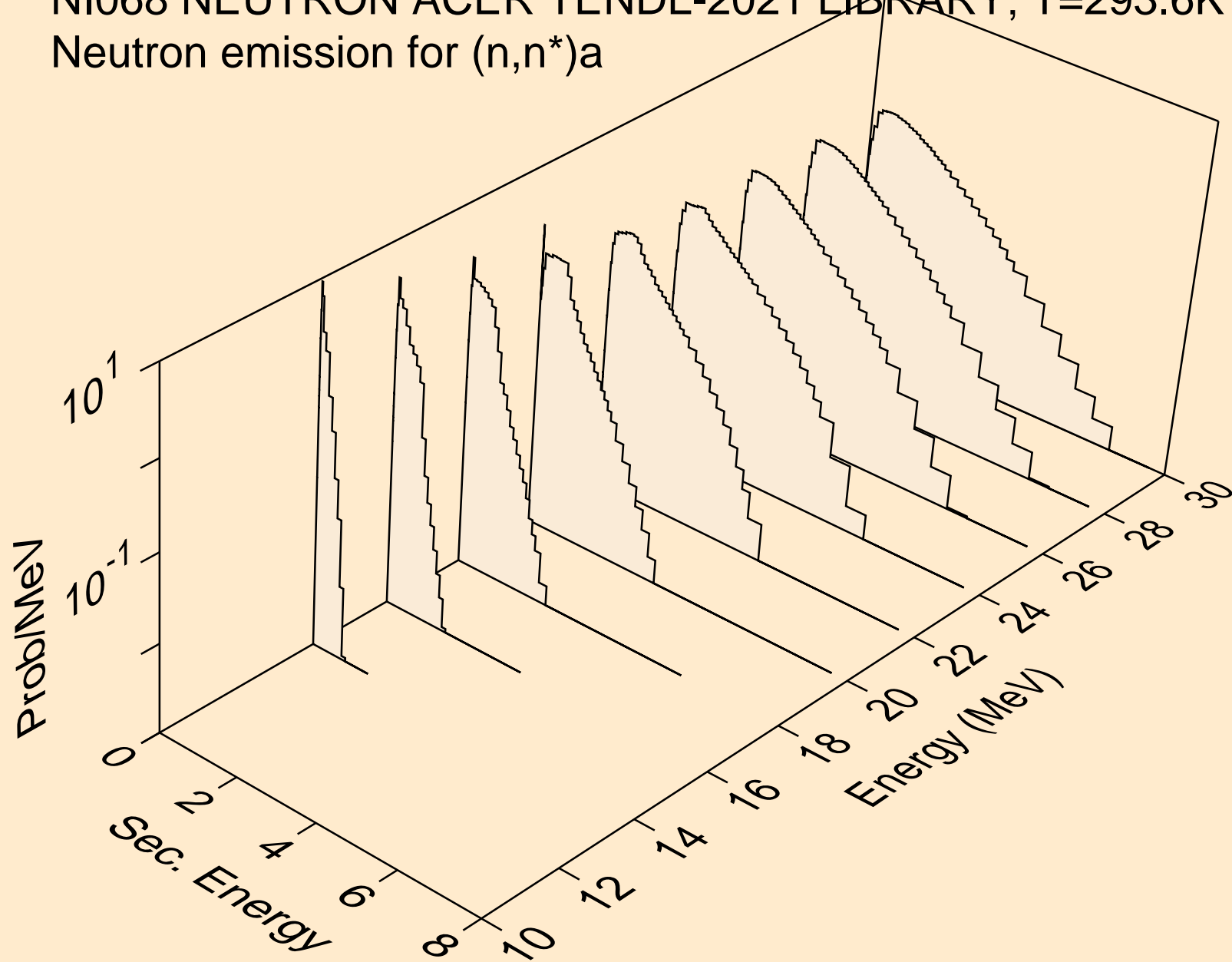
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

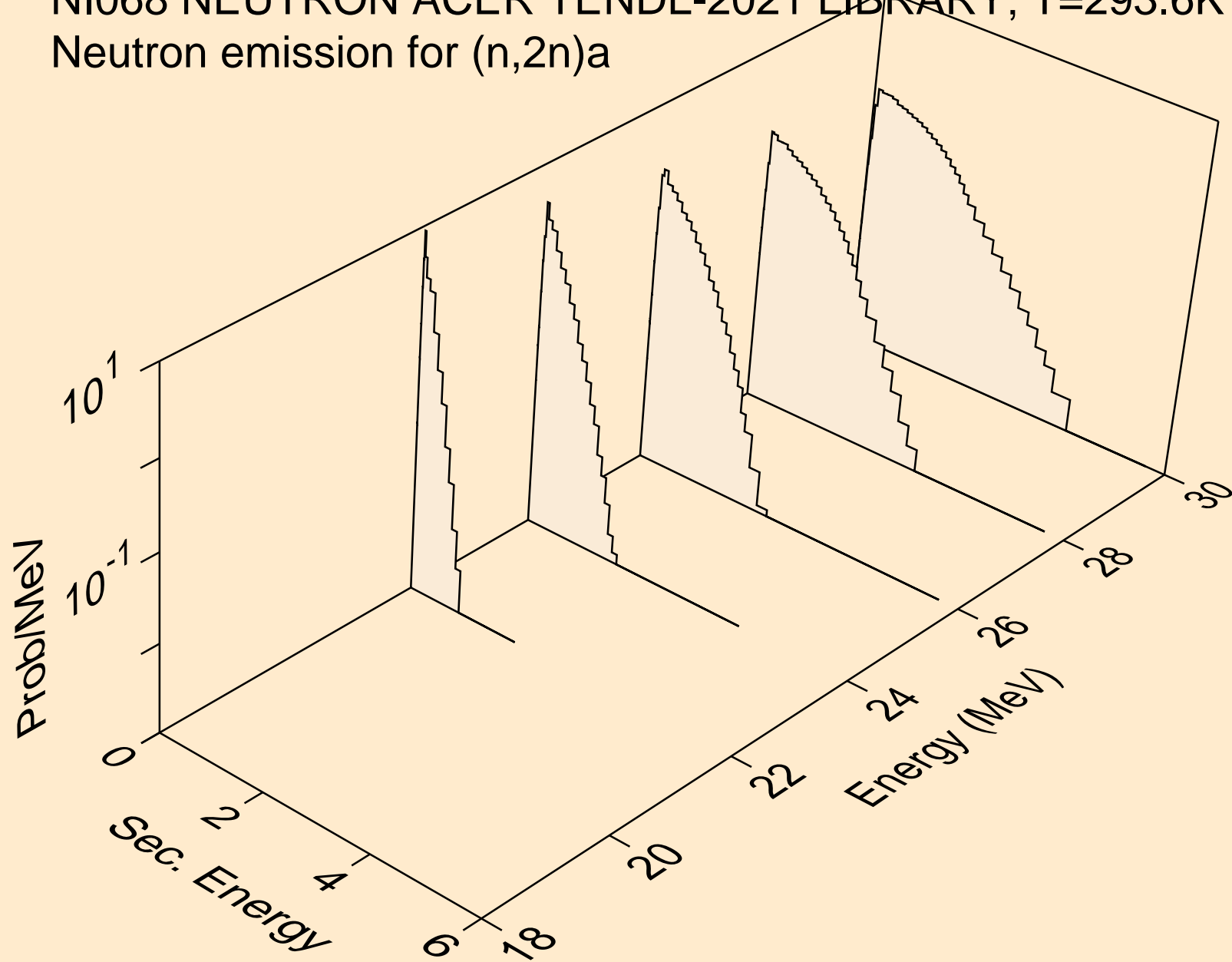


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

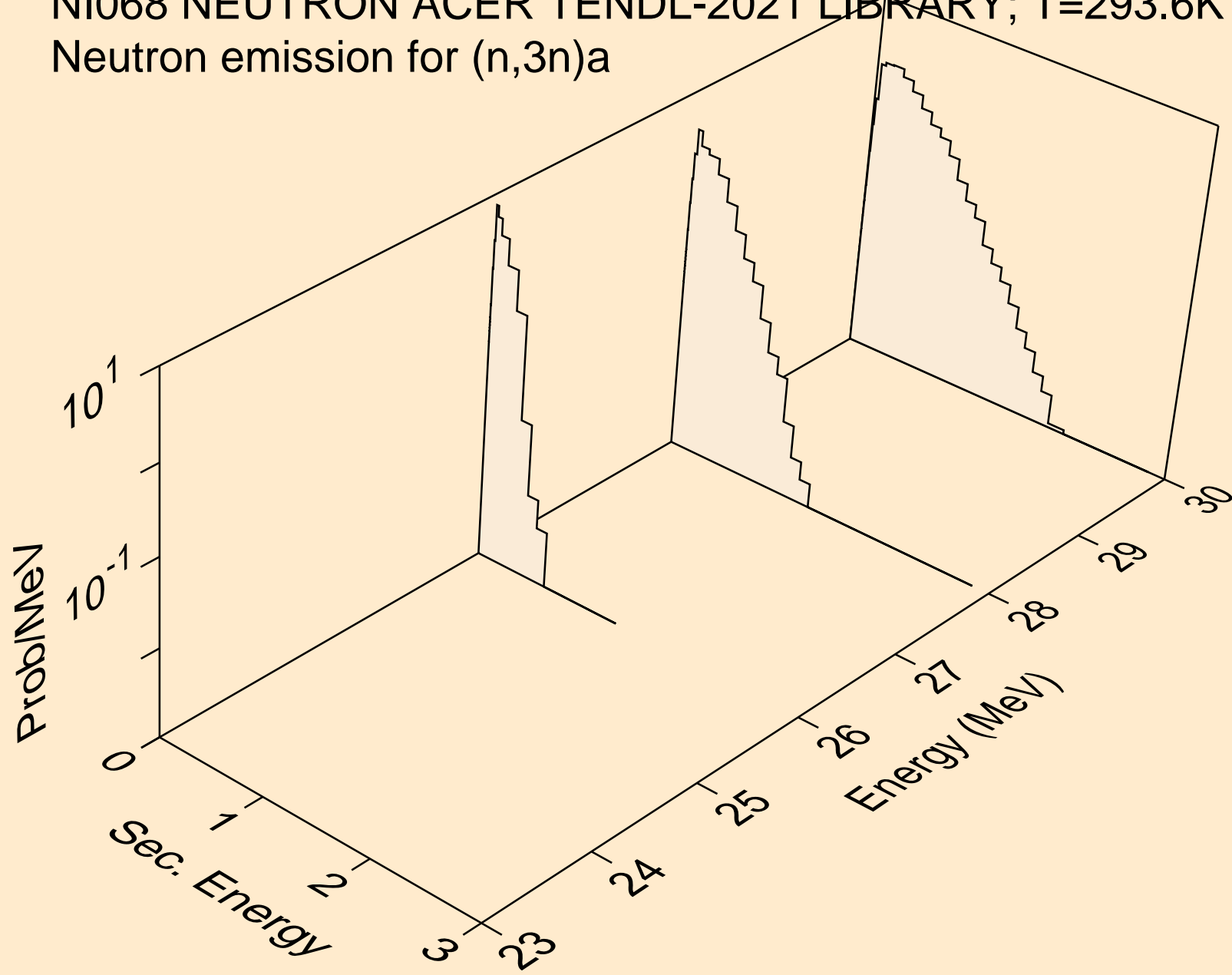




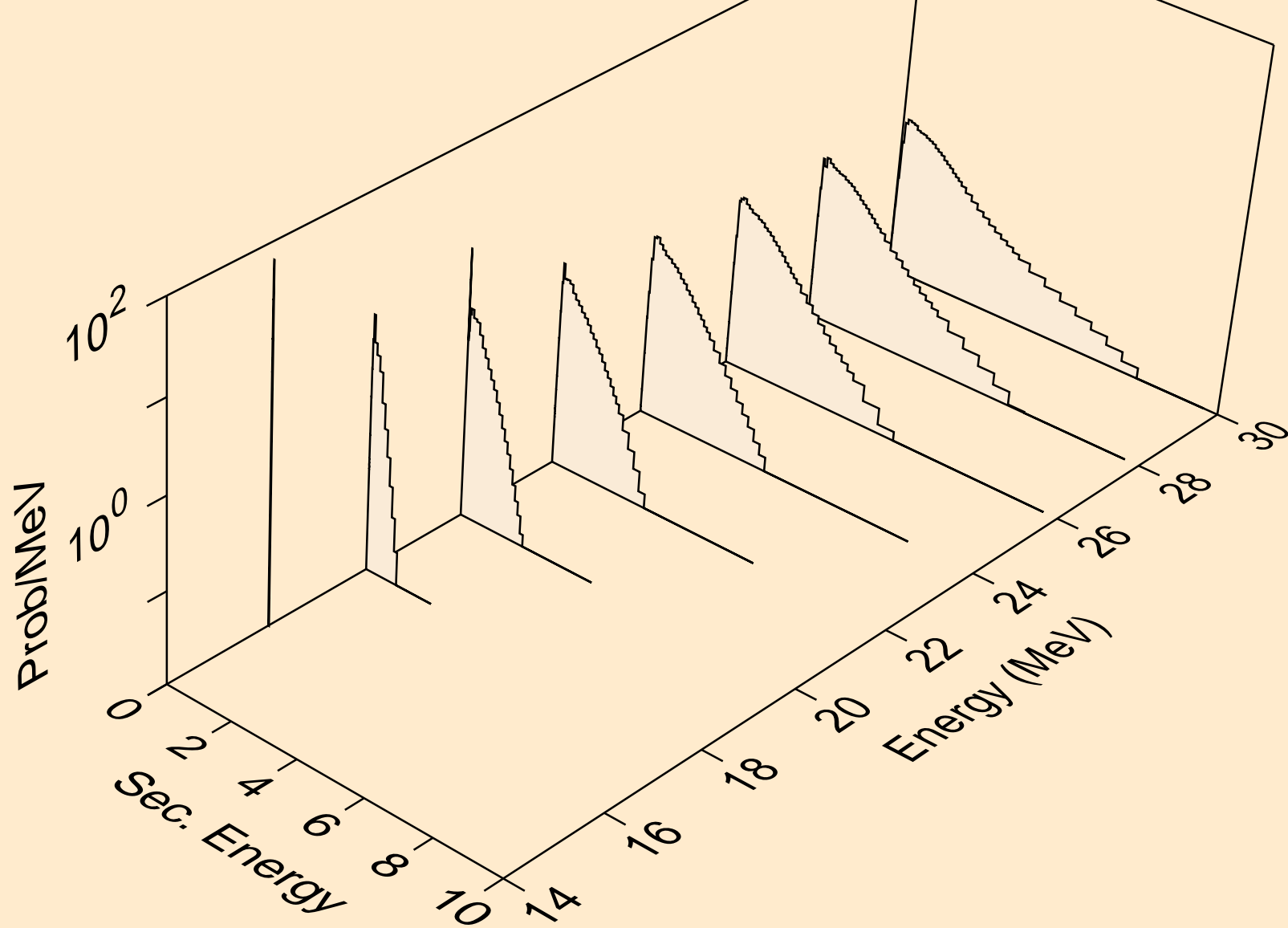
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



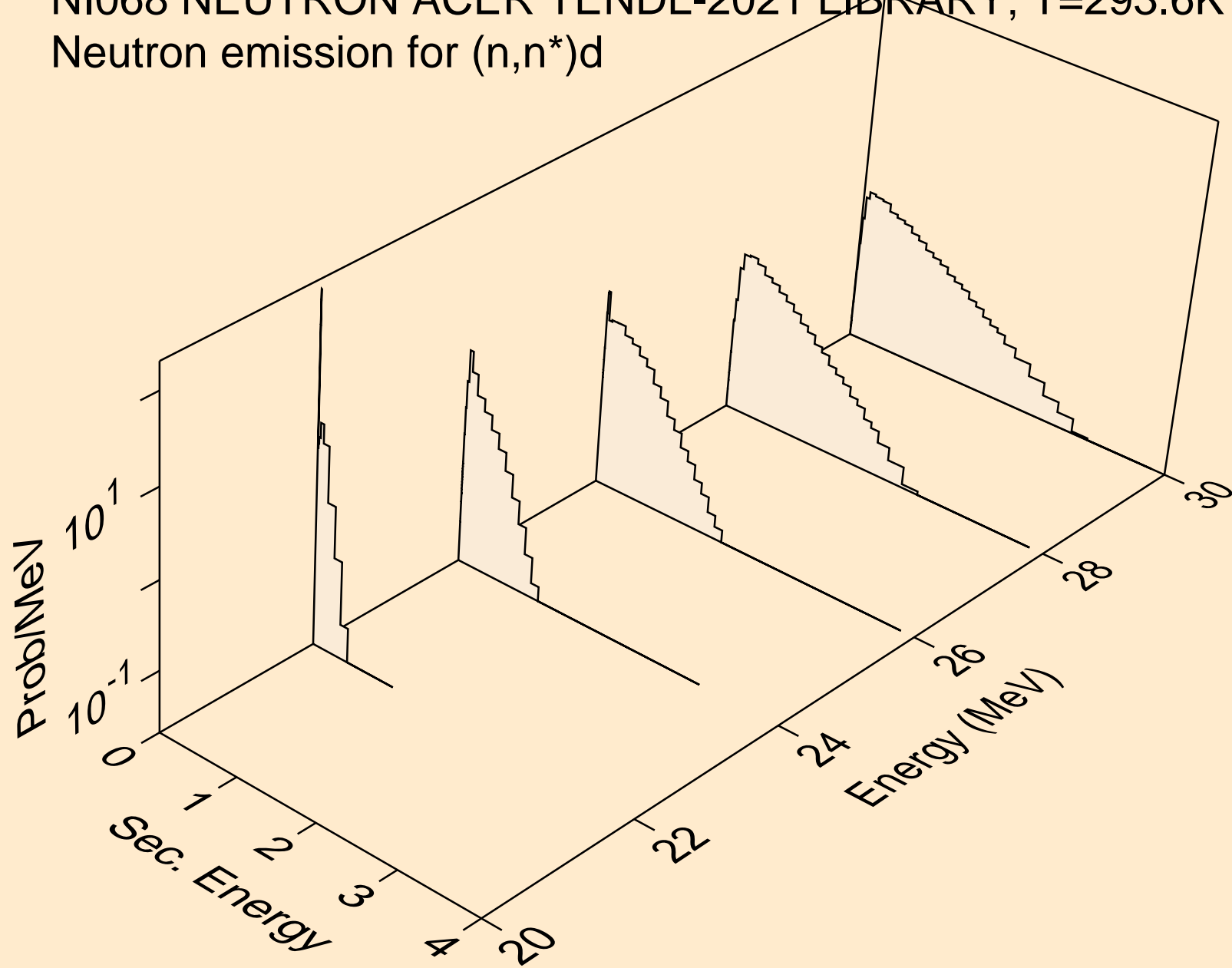
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



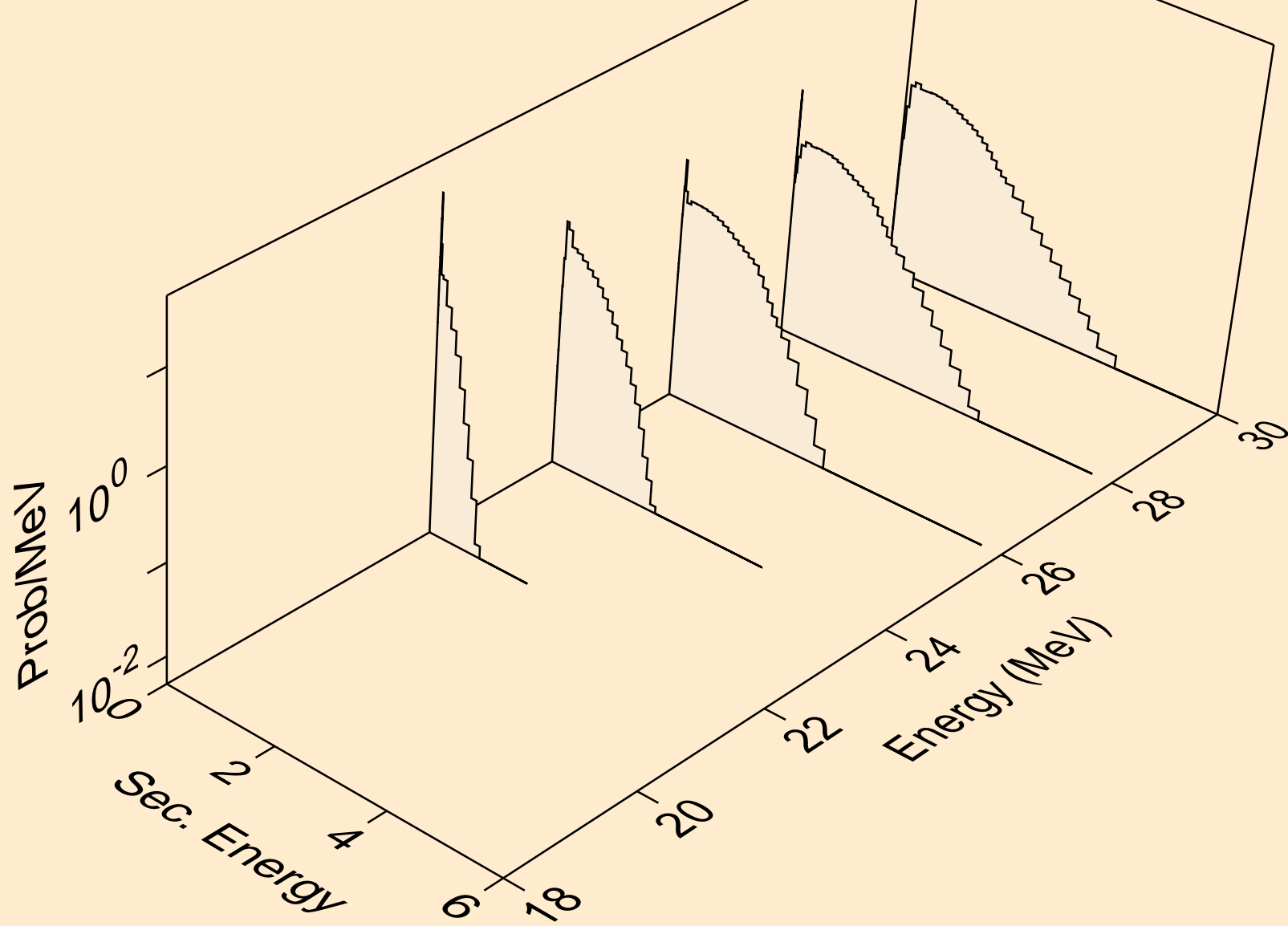
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



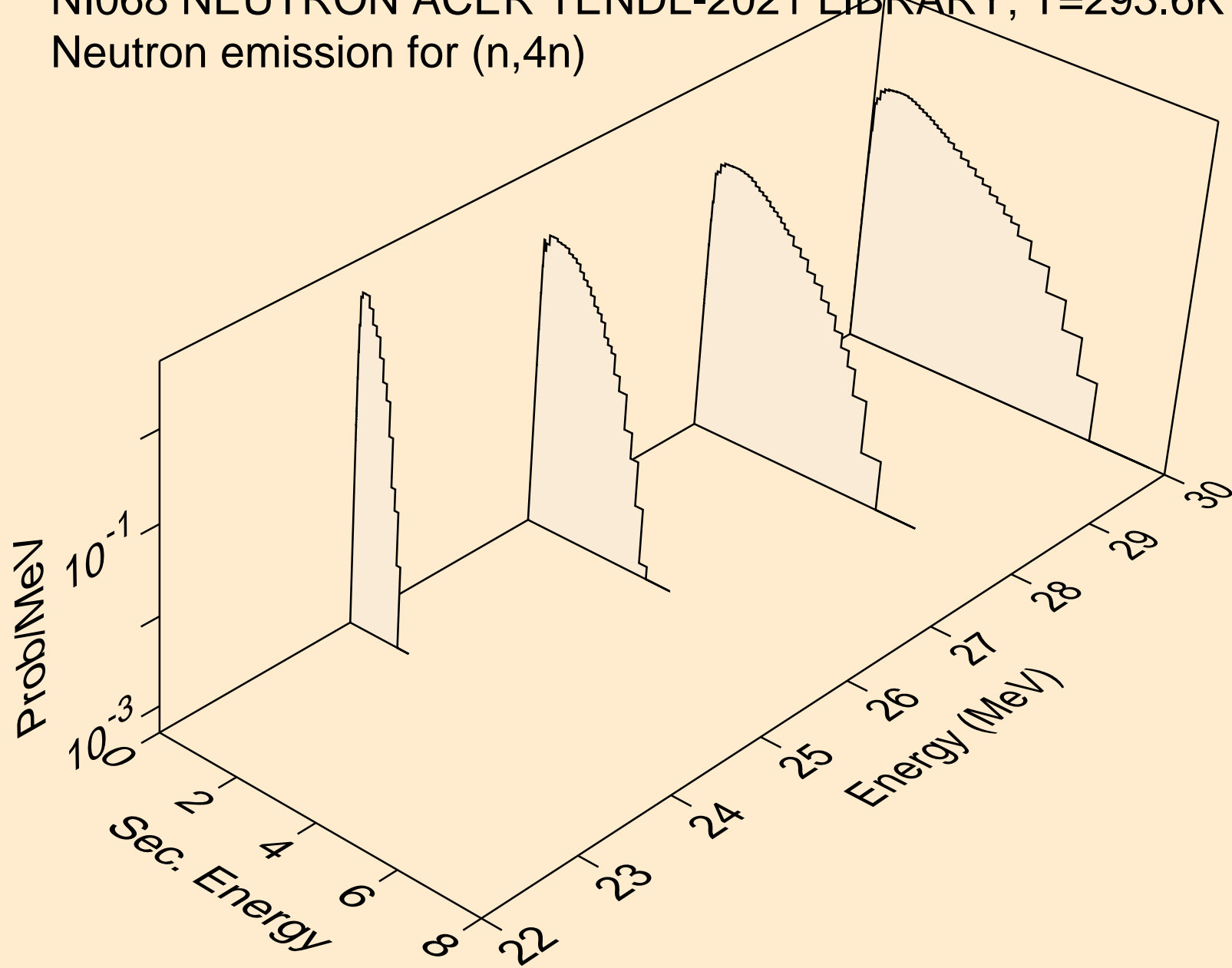
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



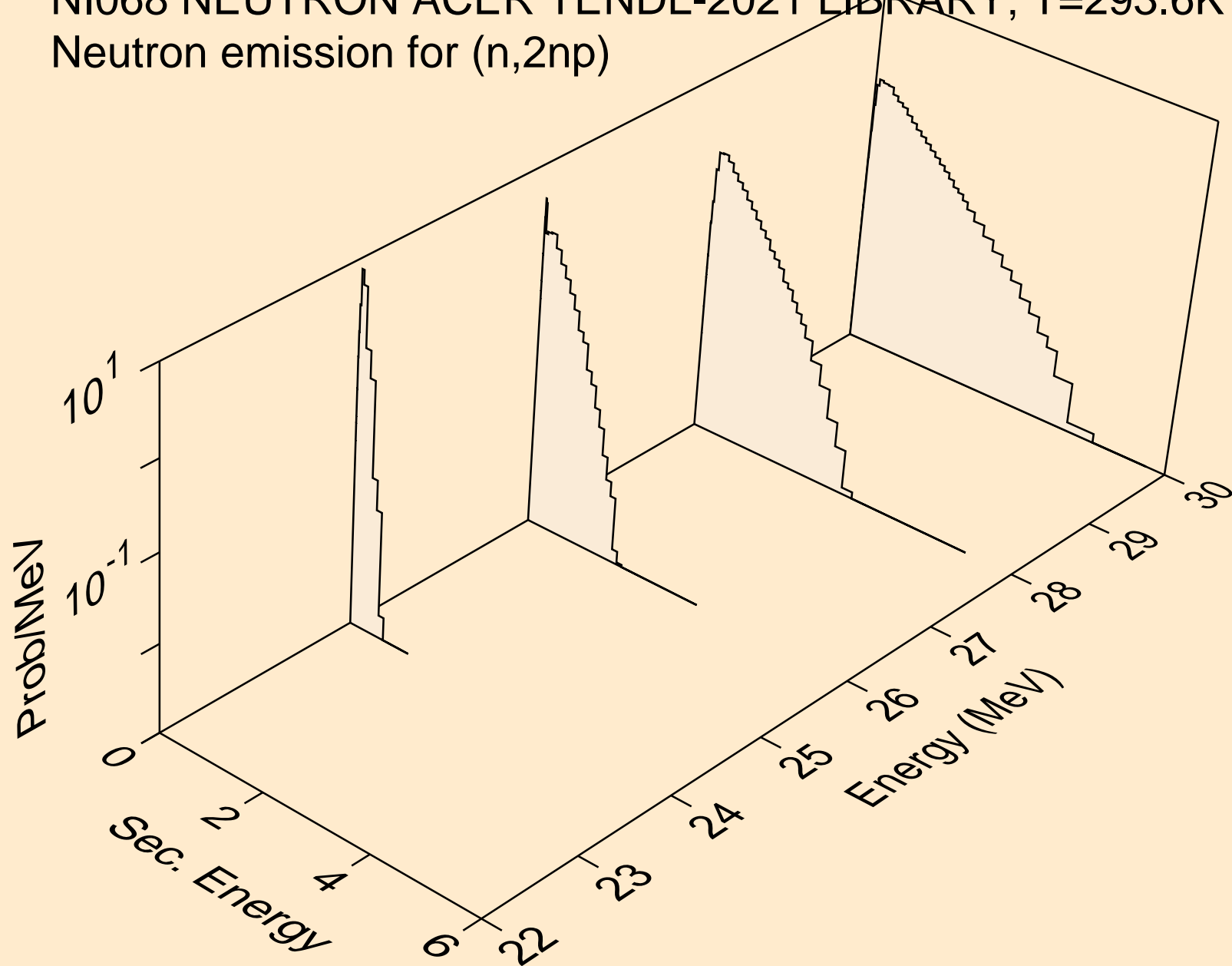
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



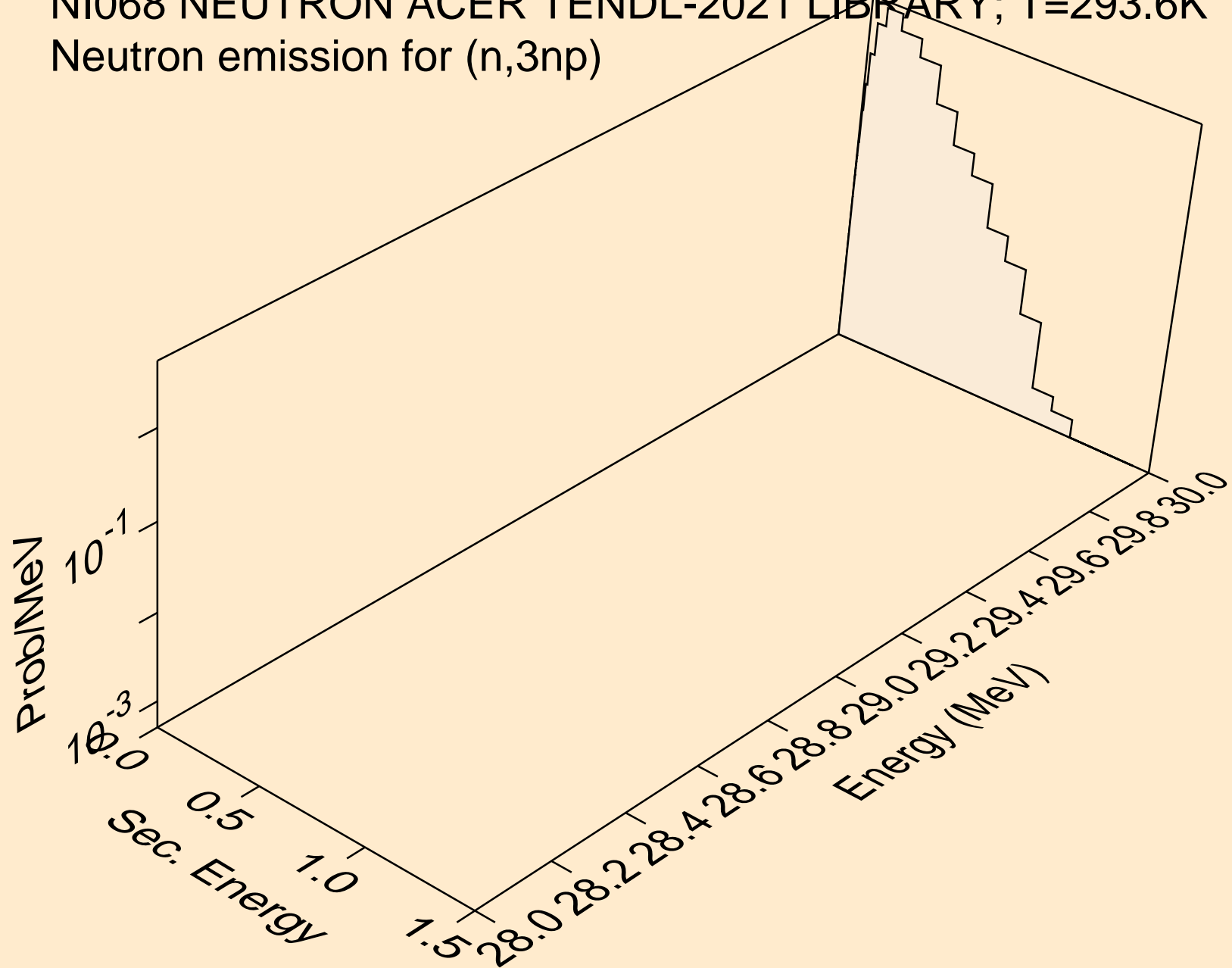
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

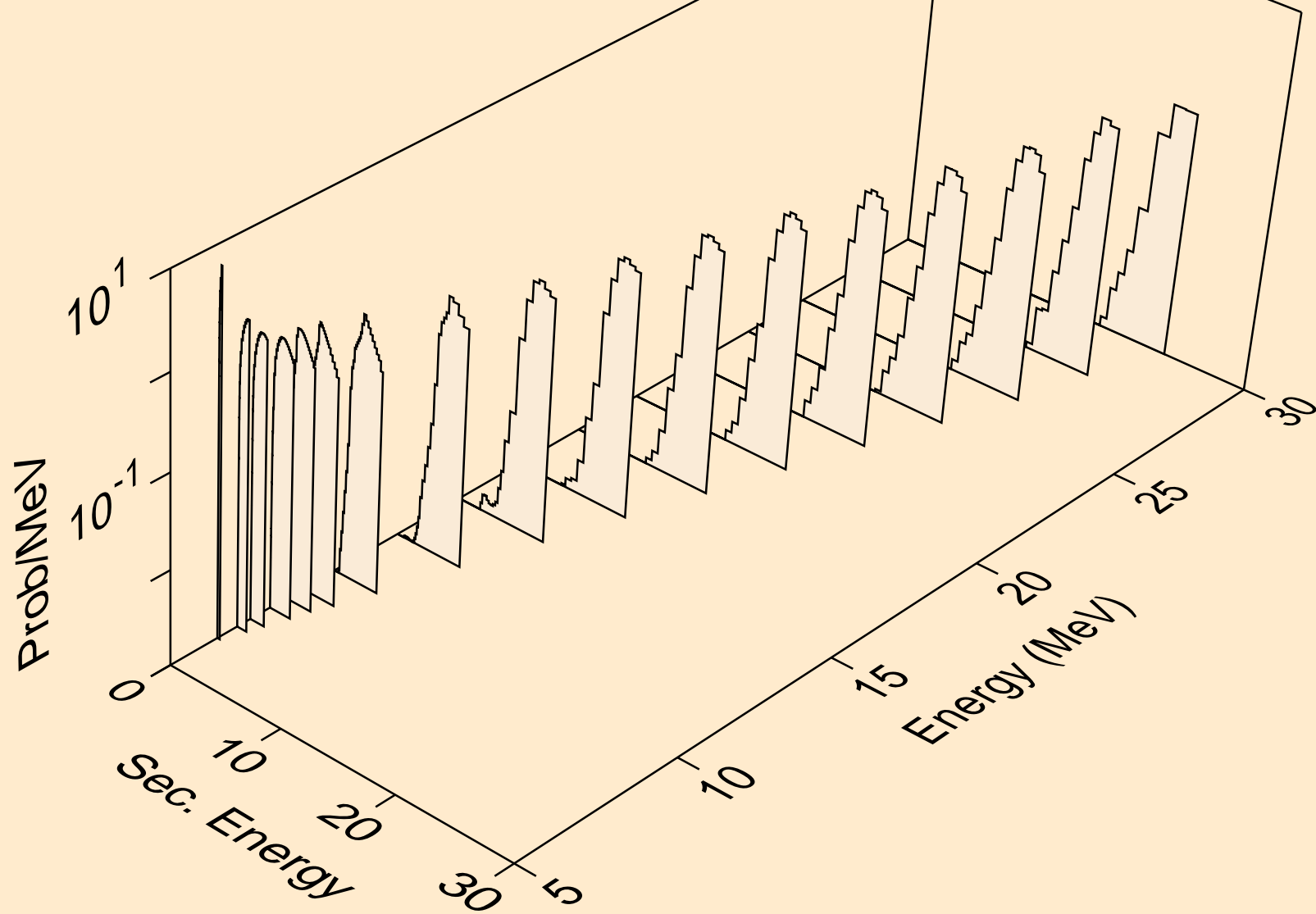


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

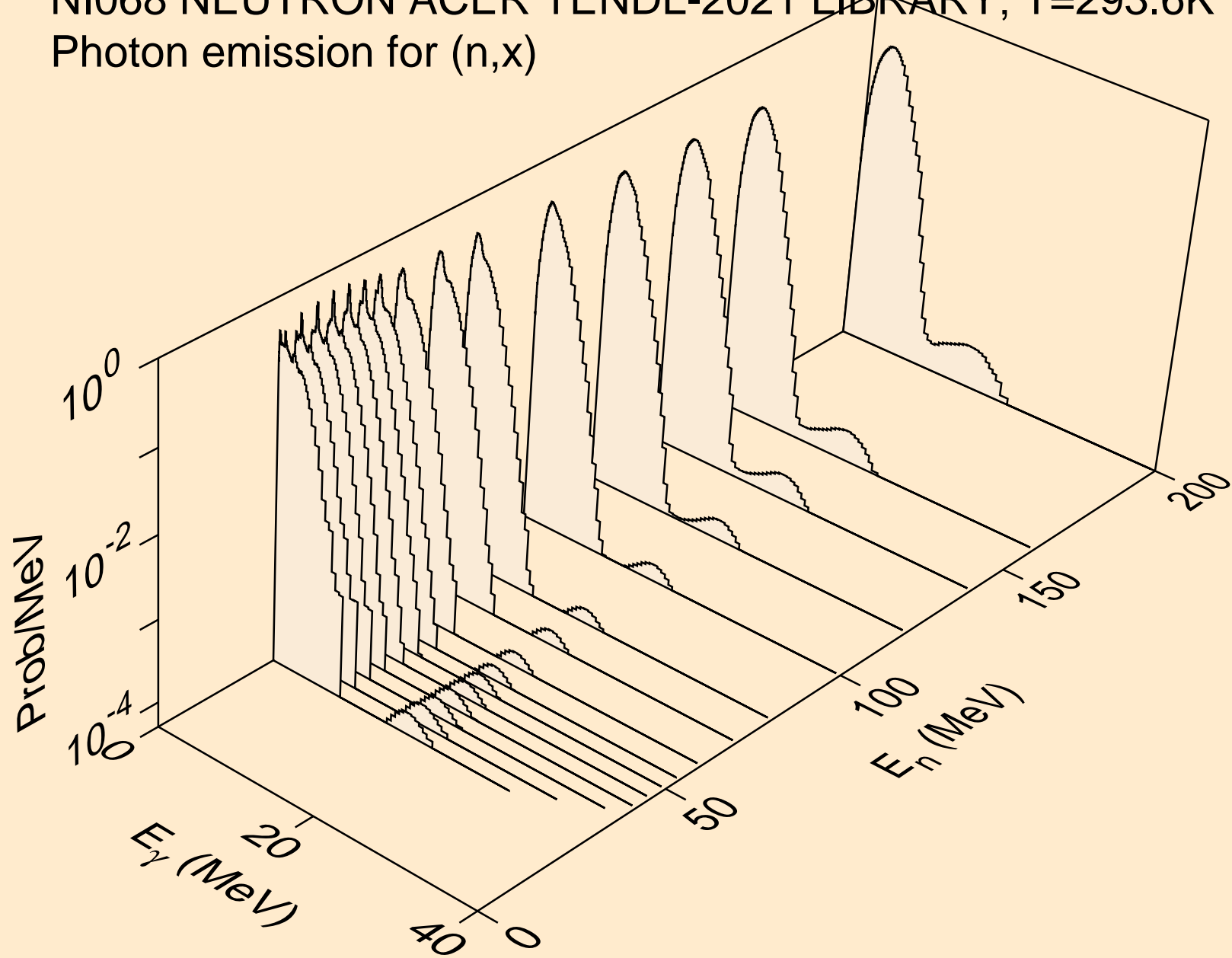




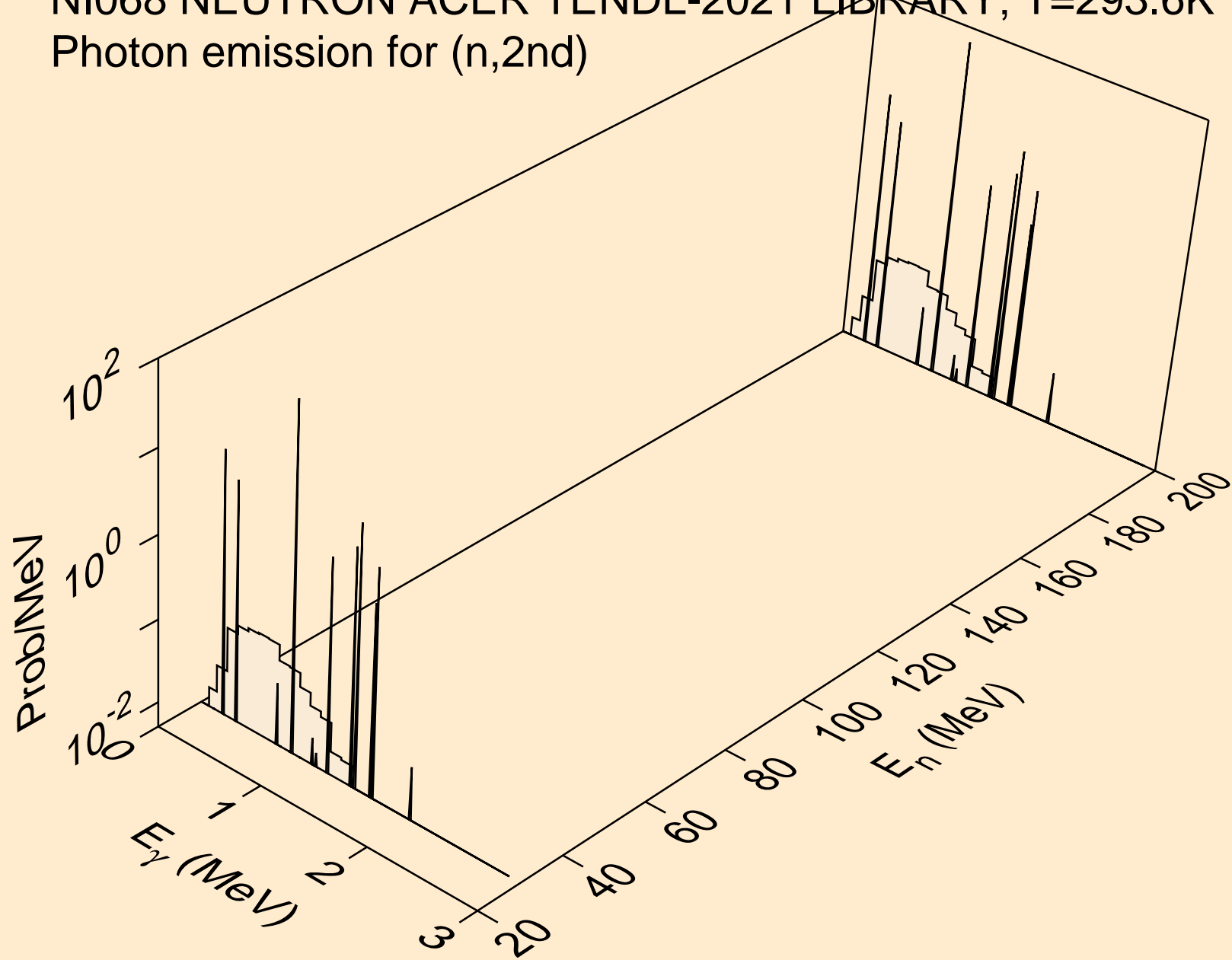
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



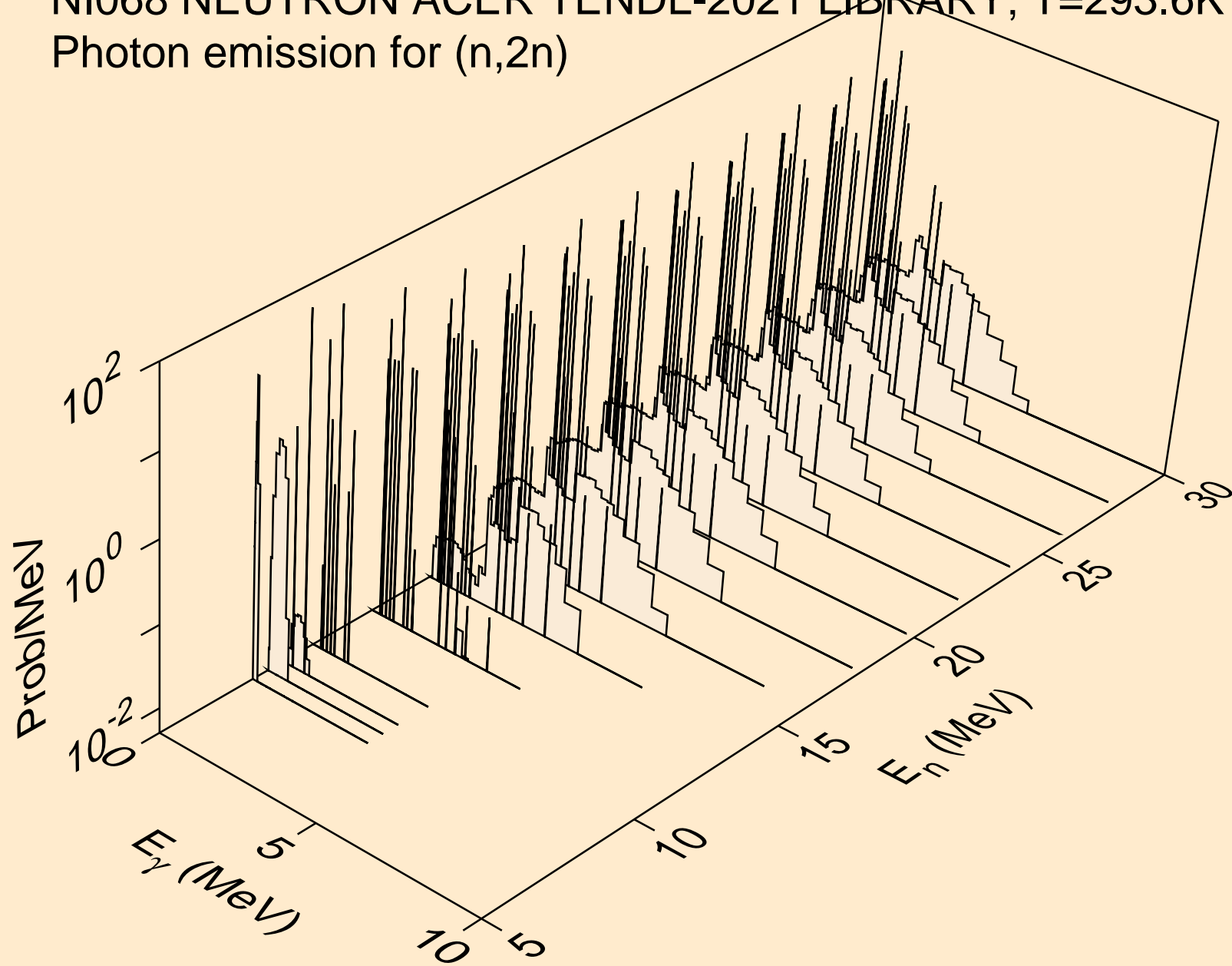
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



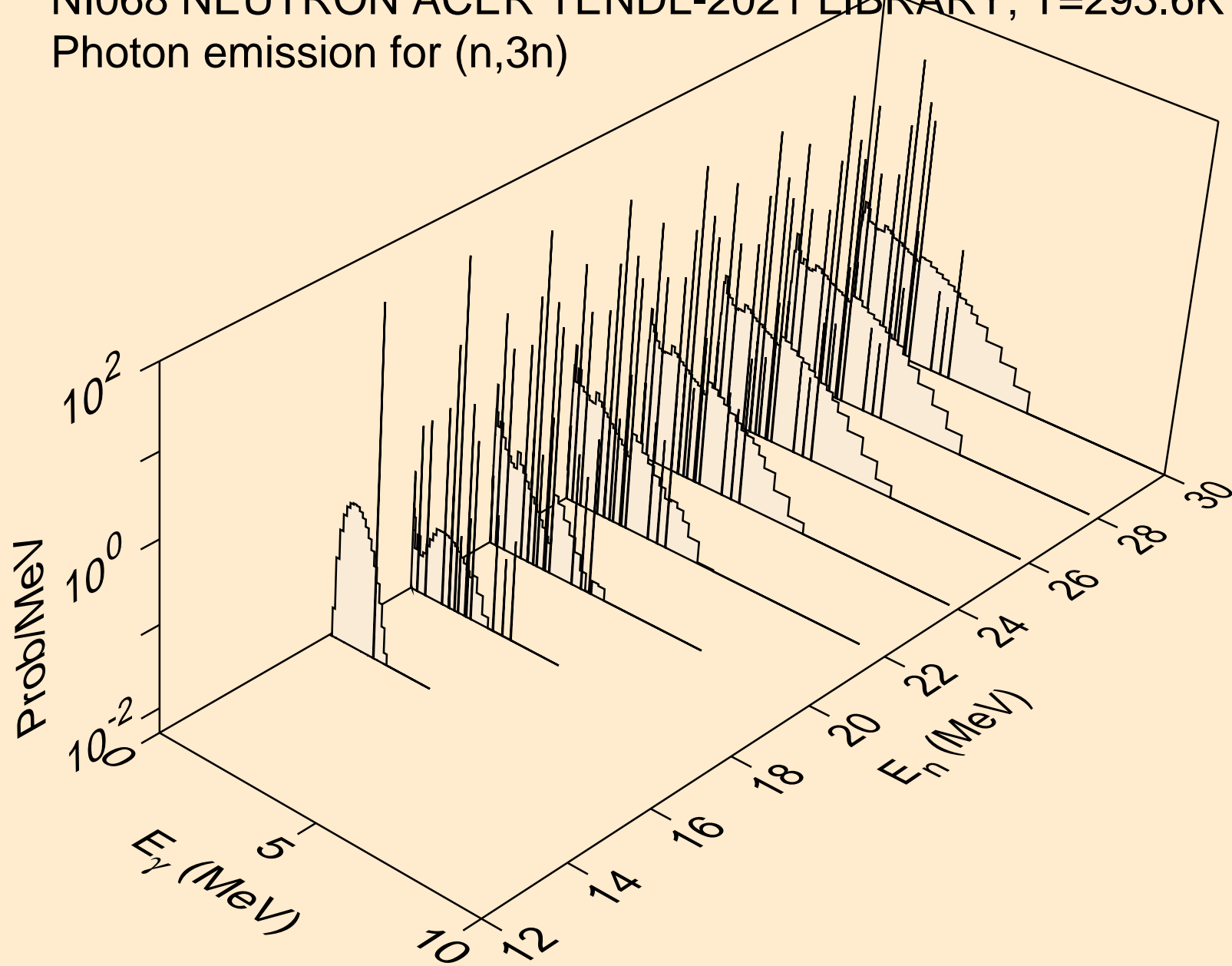
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



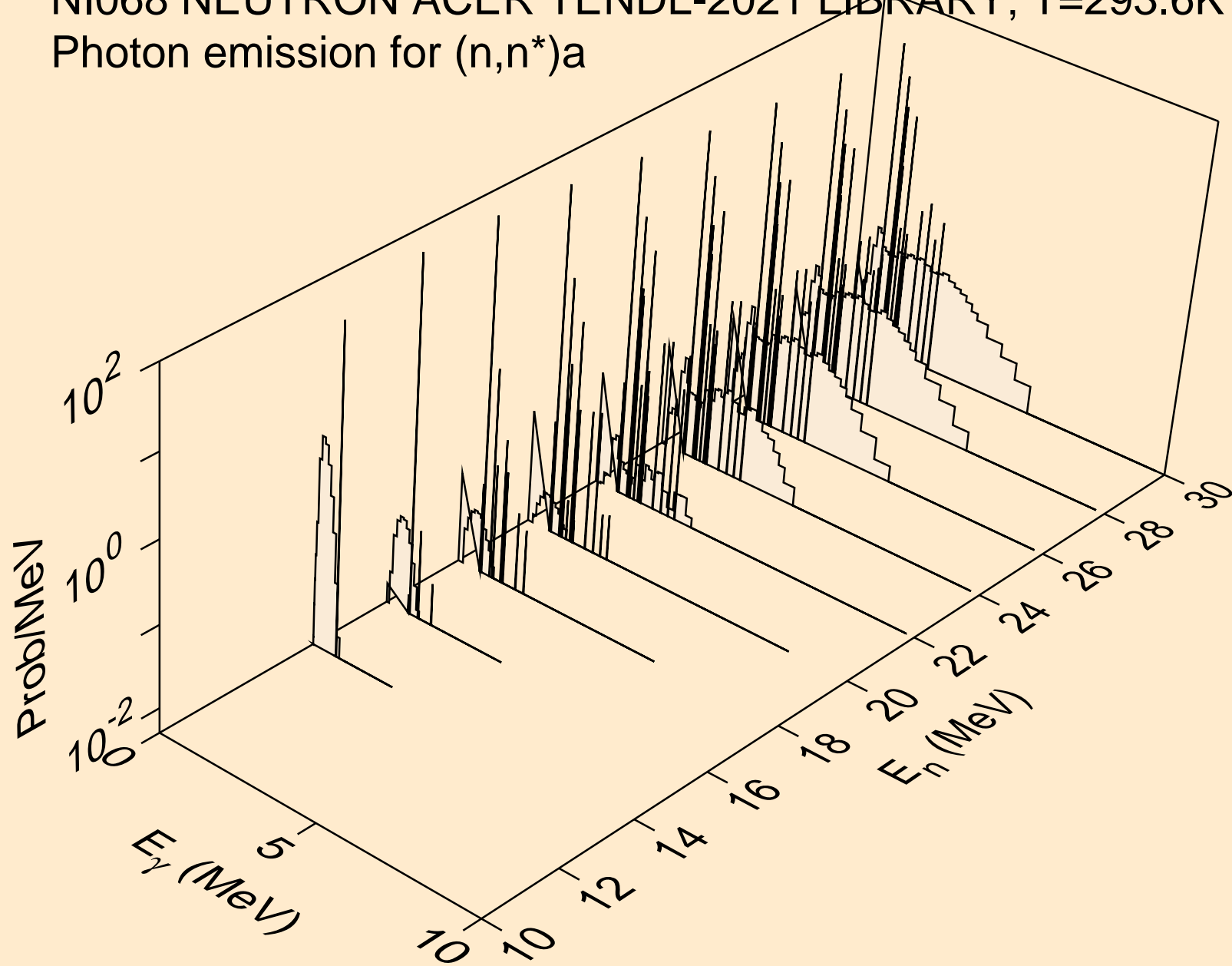
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



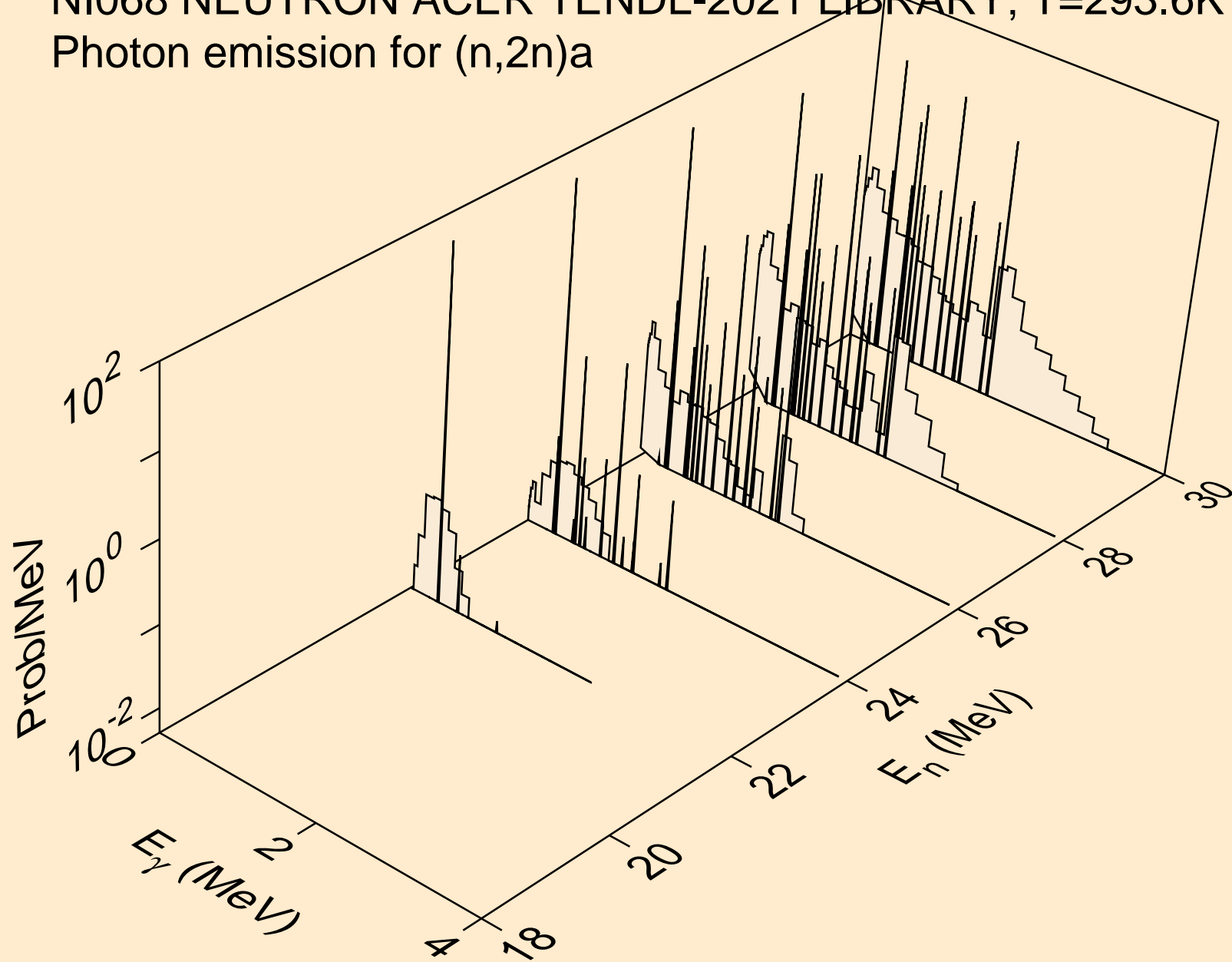
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Photon emission for (n,3n)



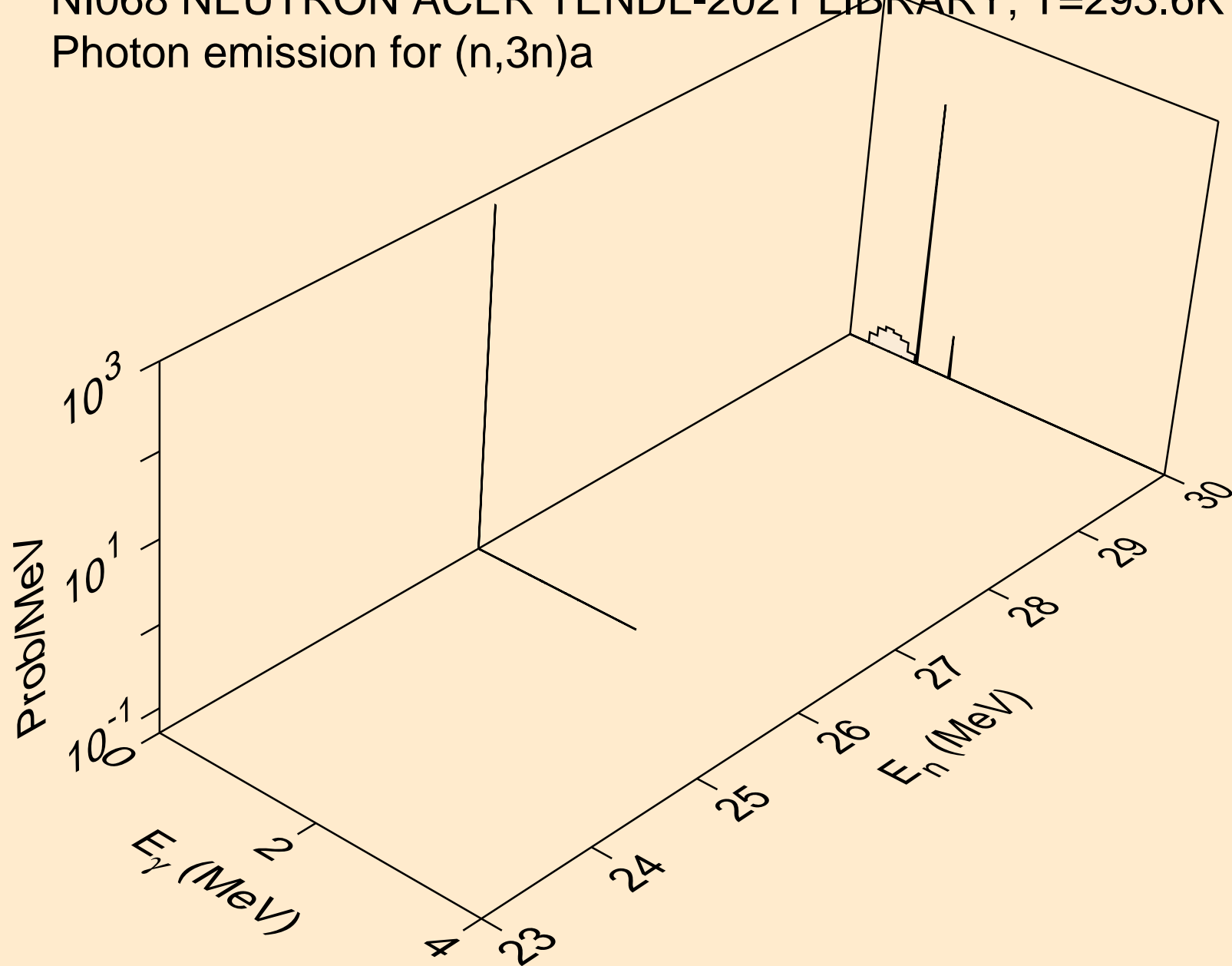
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

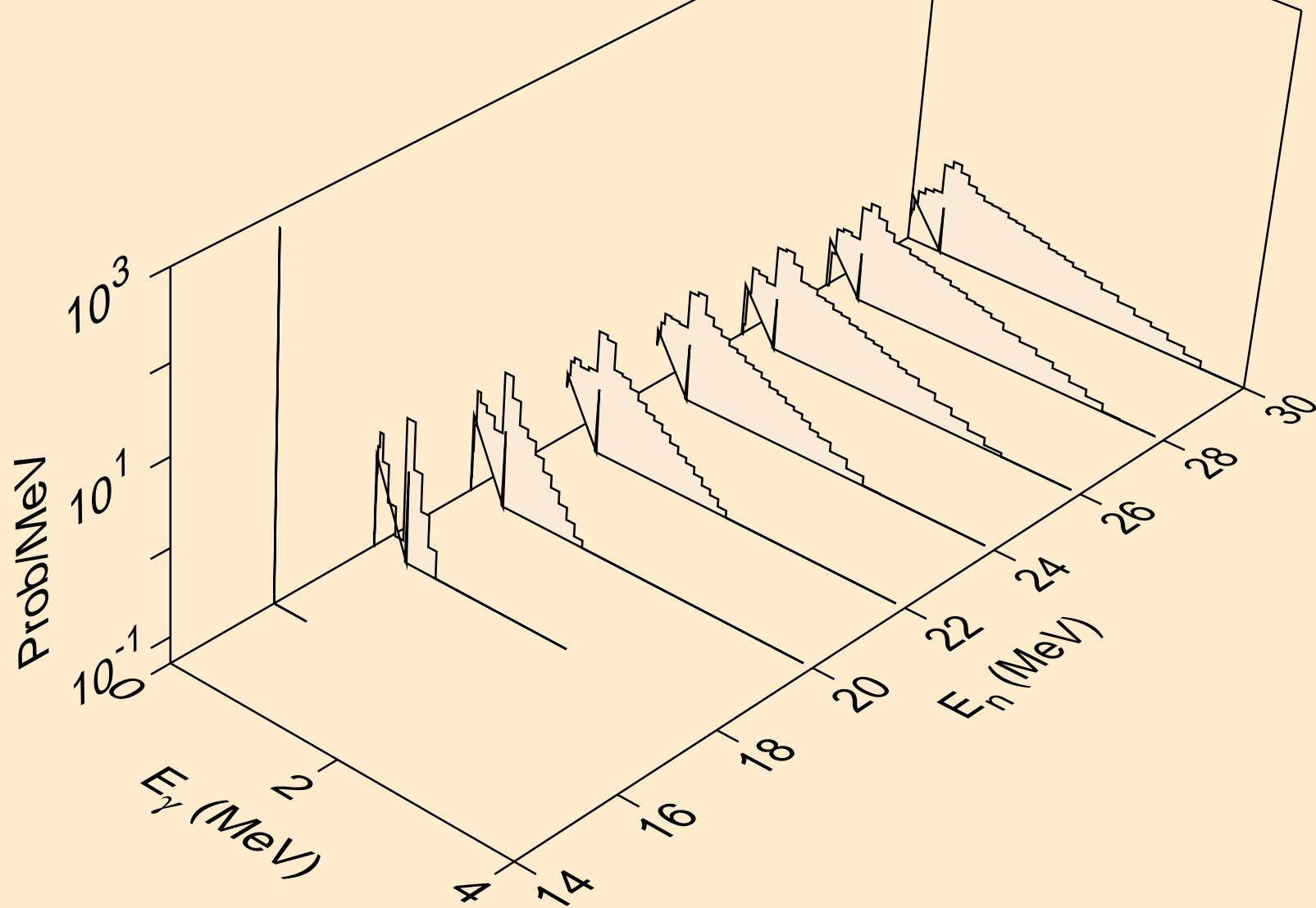


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

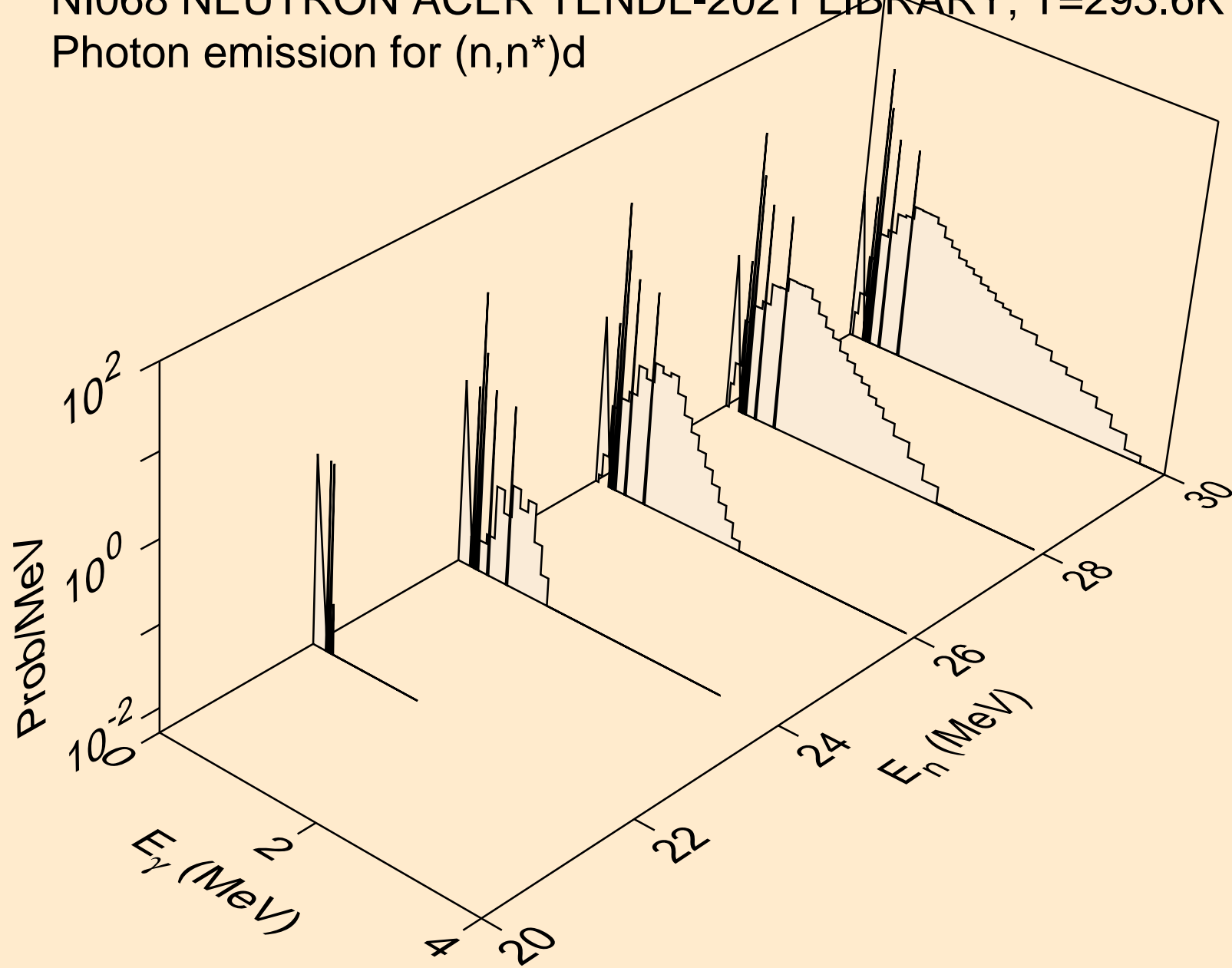




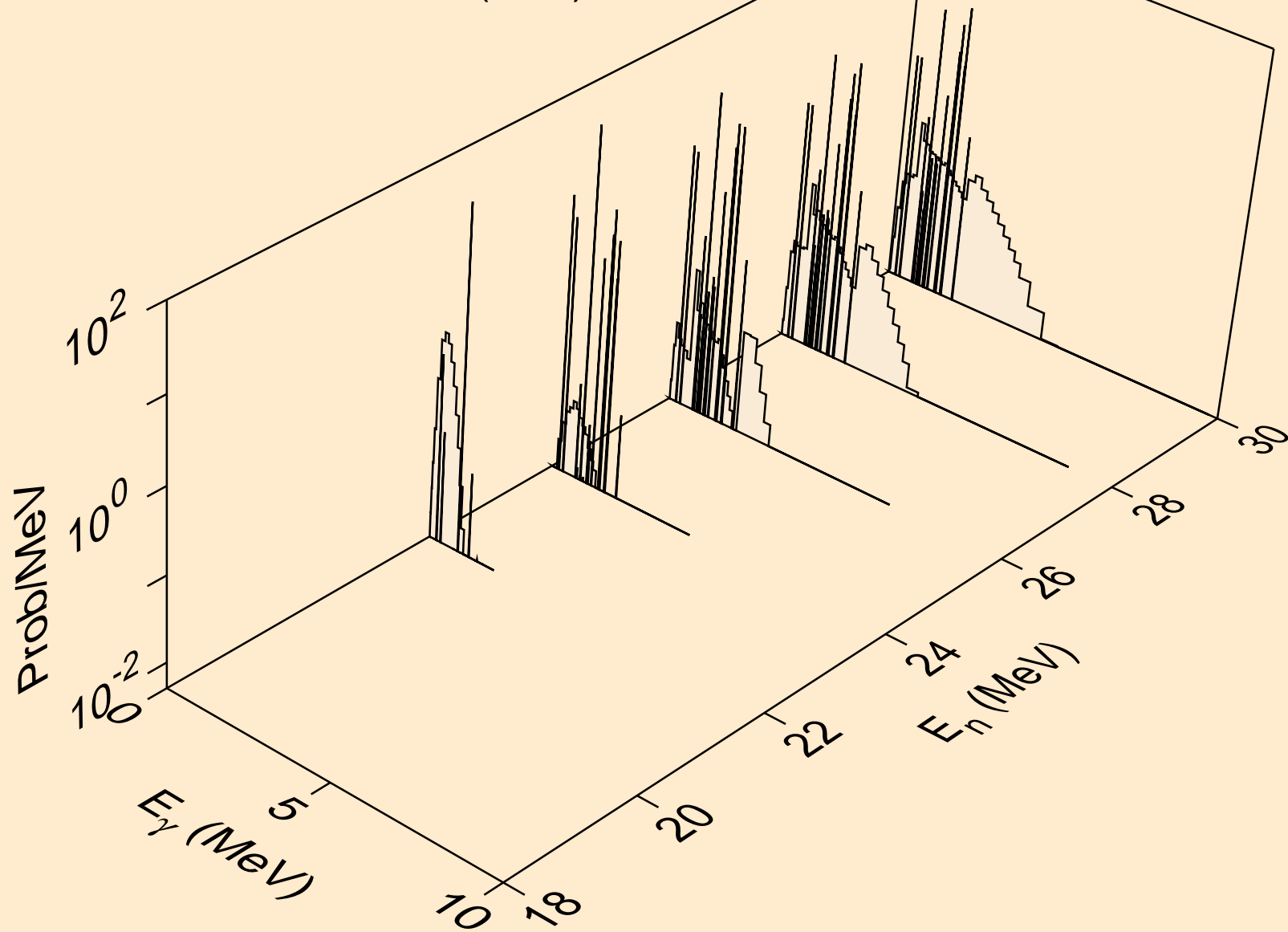
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Photon emission for (n,n\*)p



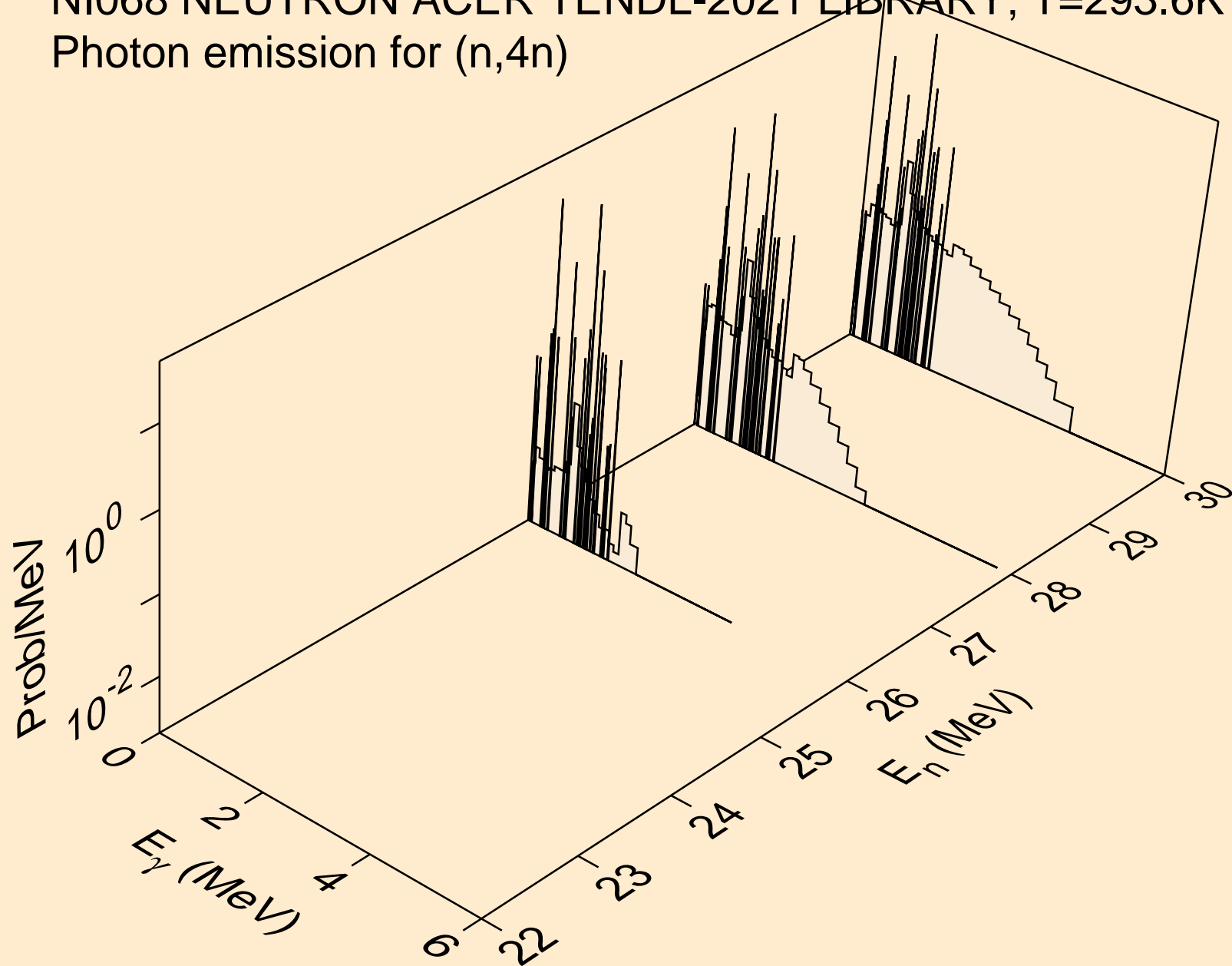
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Photon emission for (n,n\*)d



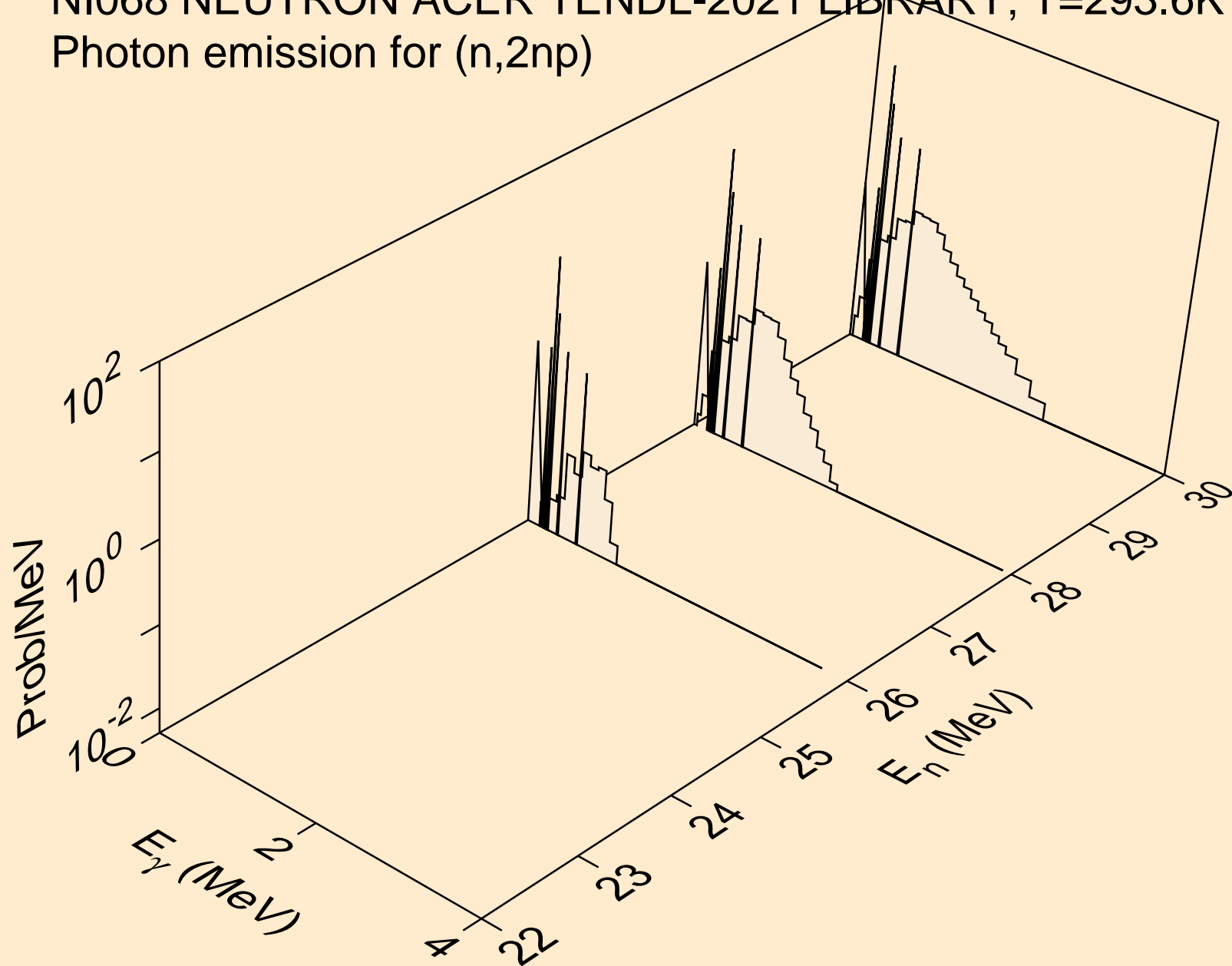
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Photon emission for (n,n\*)t



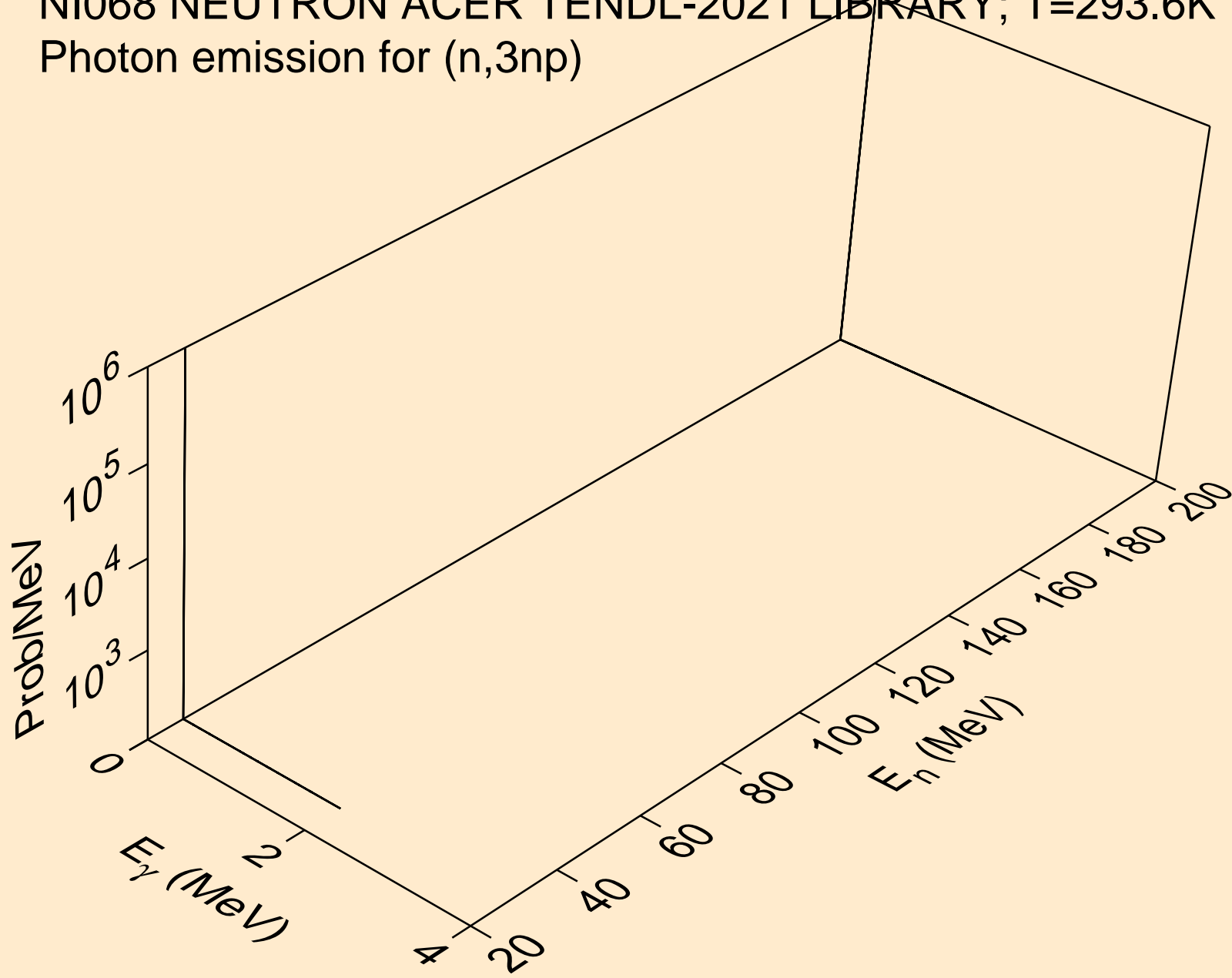
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Photon emission for (n,4n)



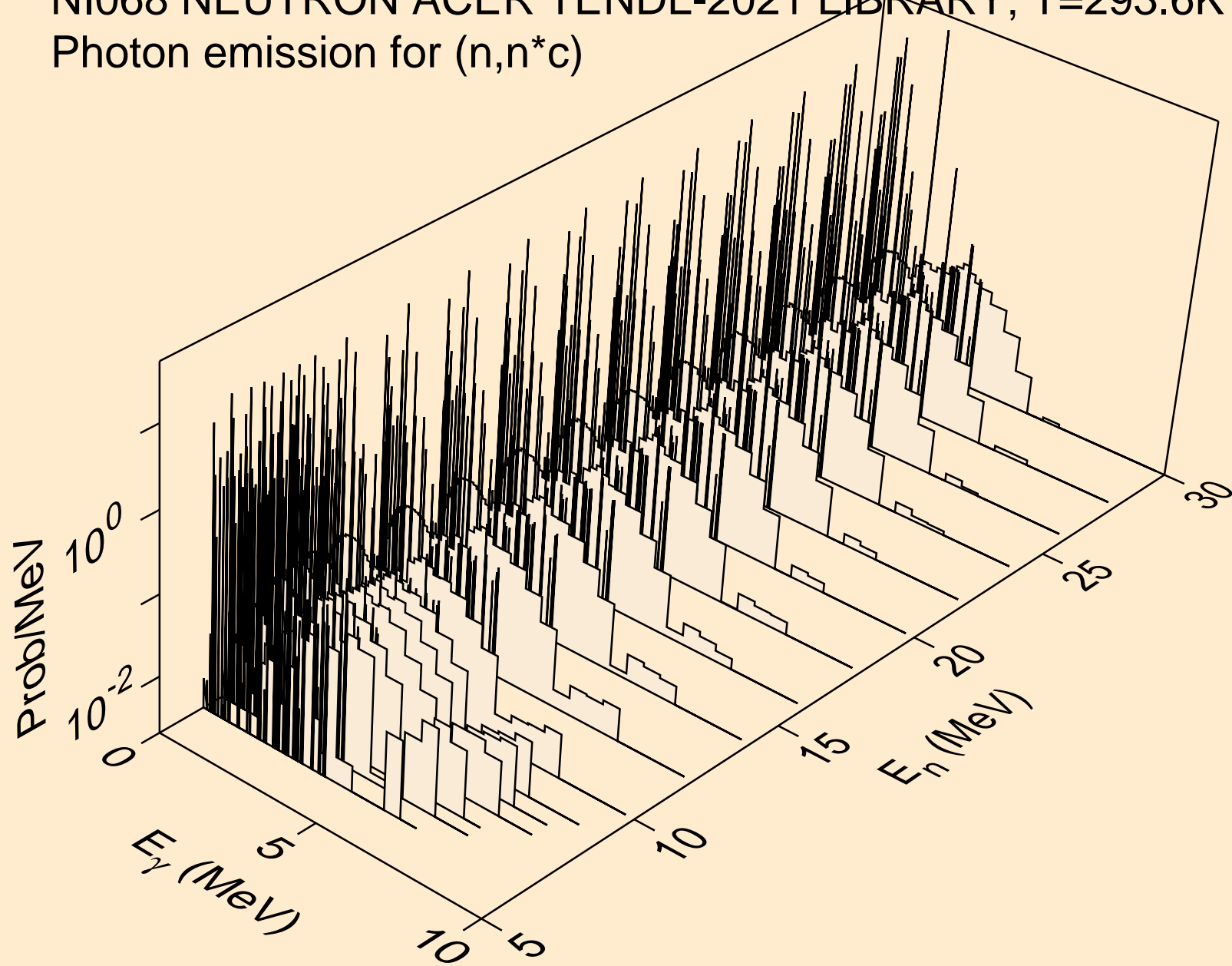
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Photon emission for (n,2np)



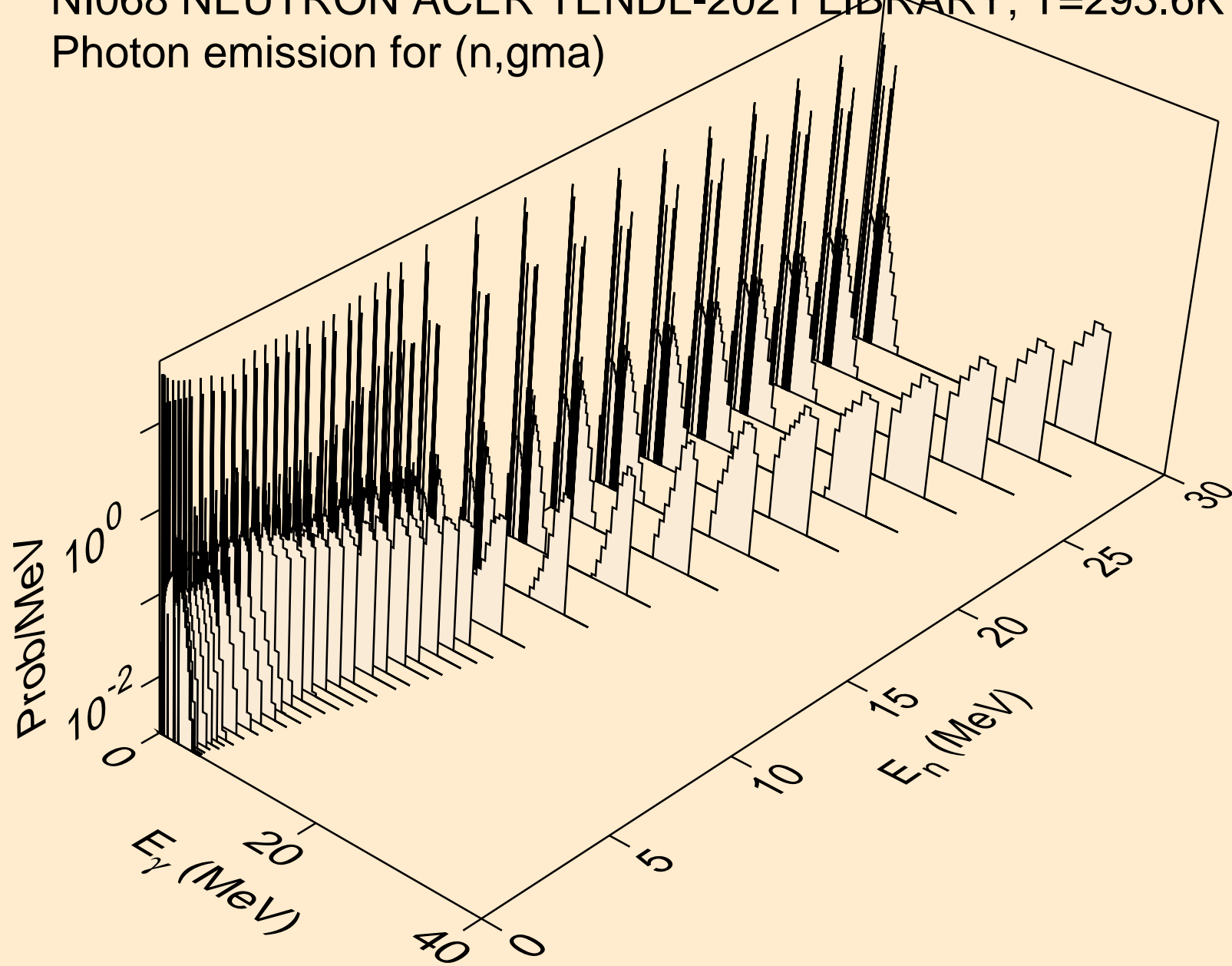
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

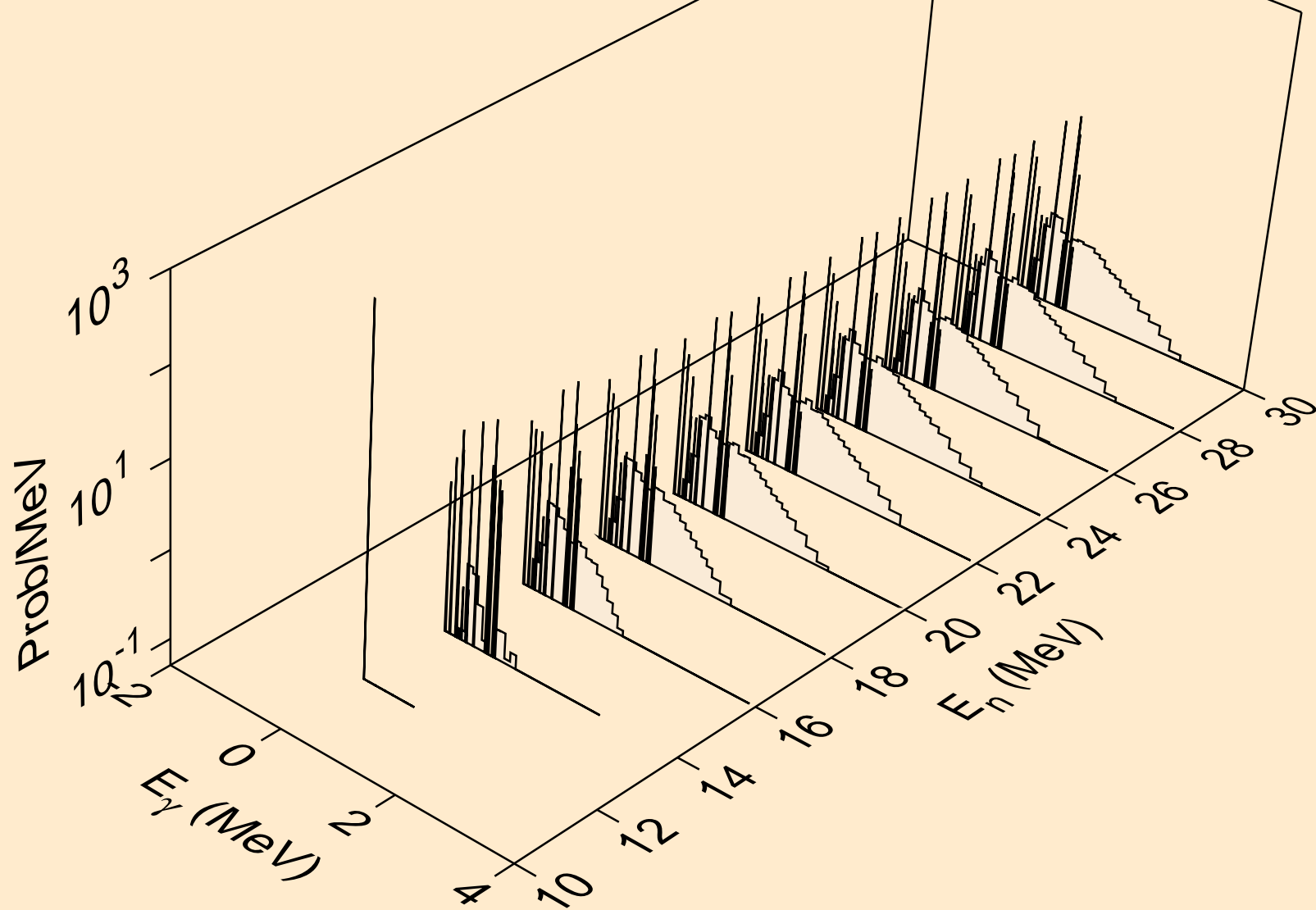


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Photon emission for (n,gma)

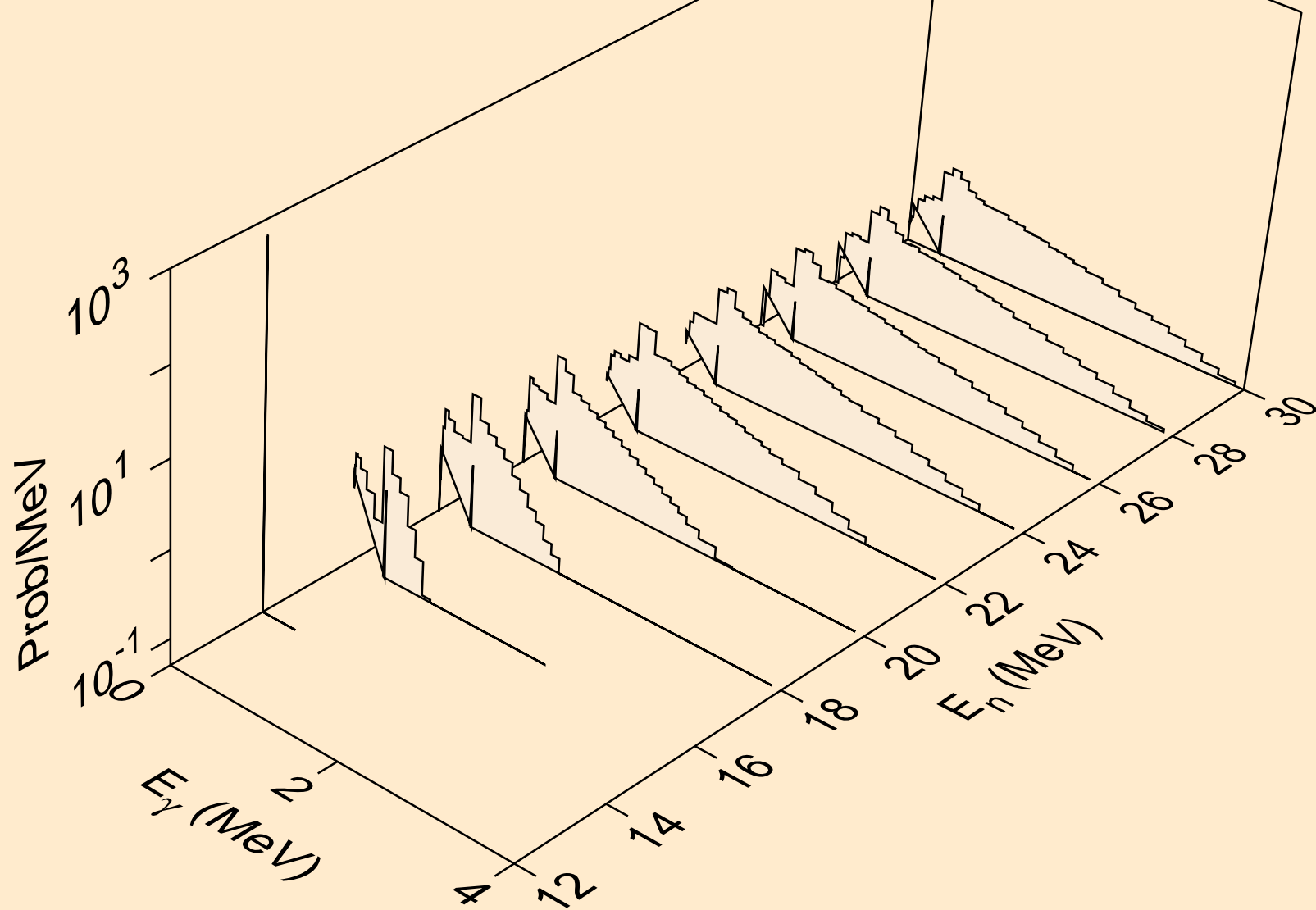




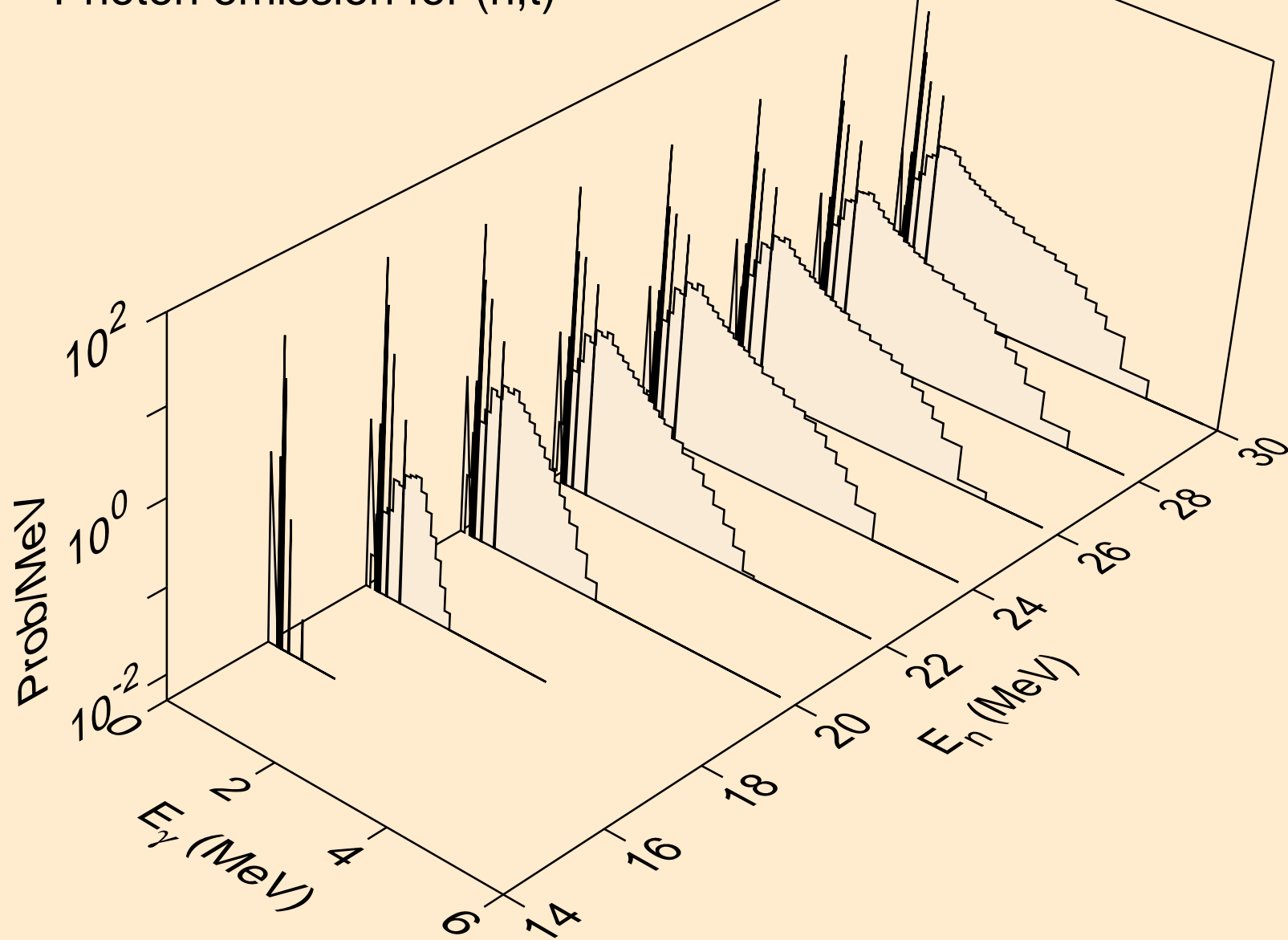
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



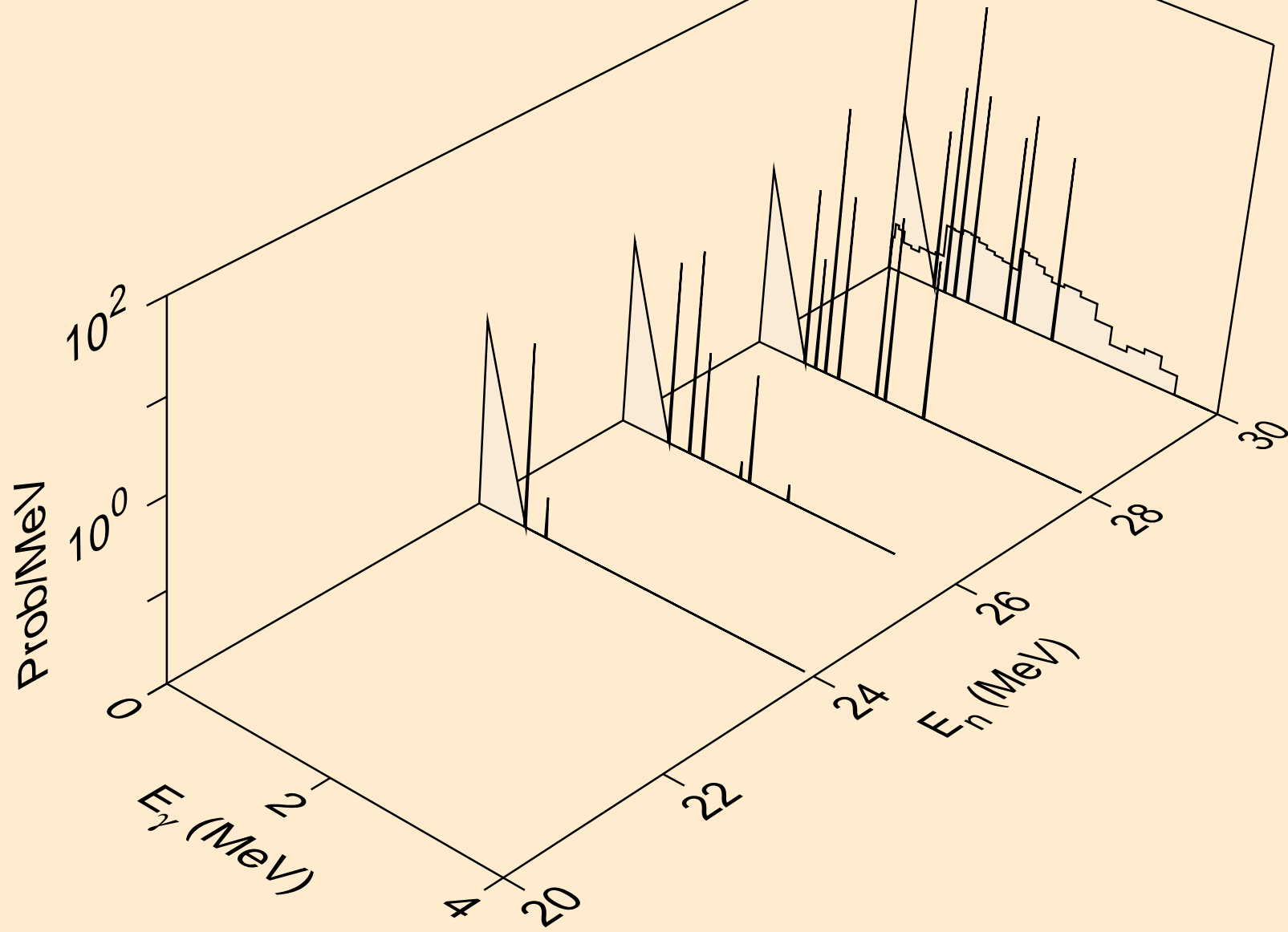
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Photon emission for (n,d)



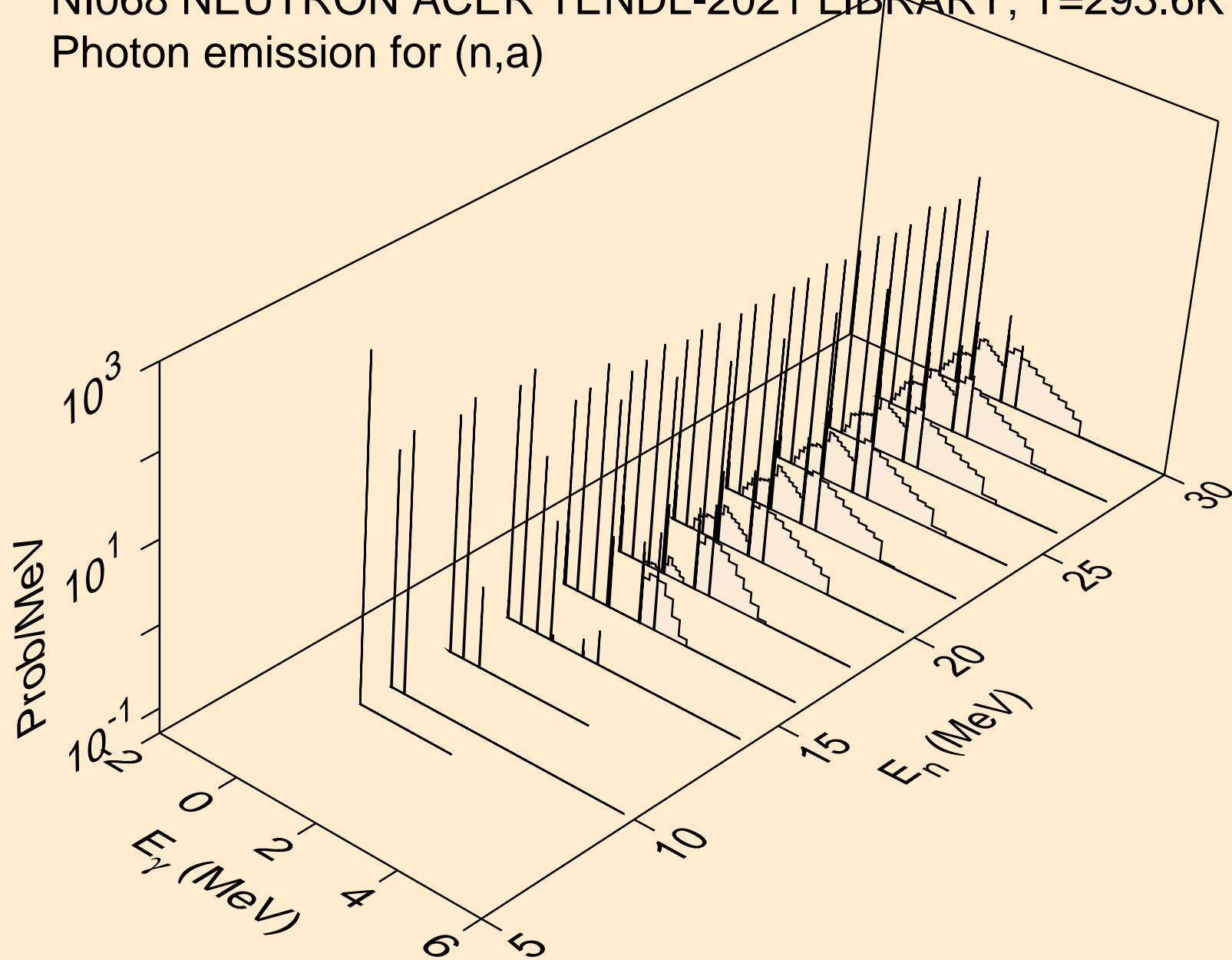
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Photon emission for (n,t)



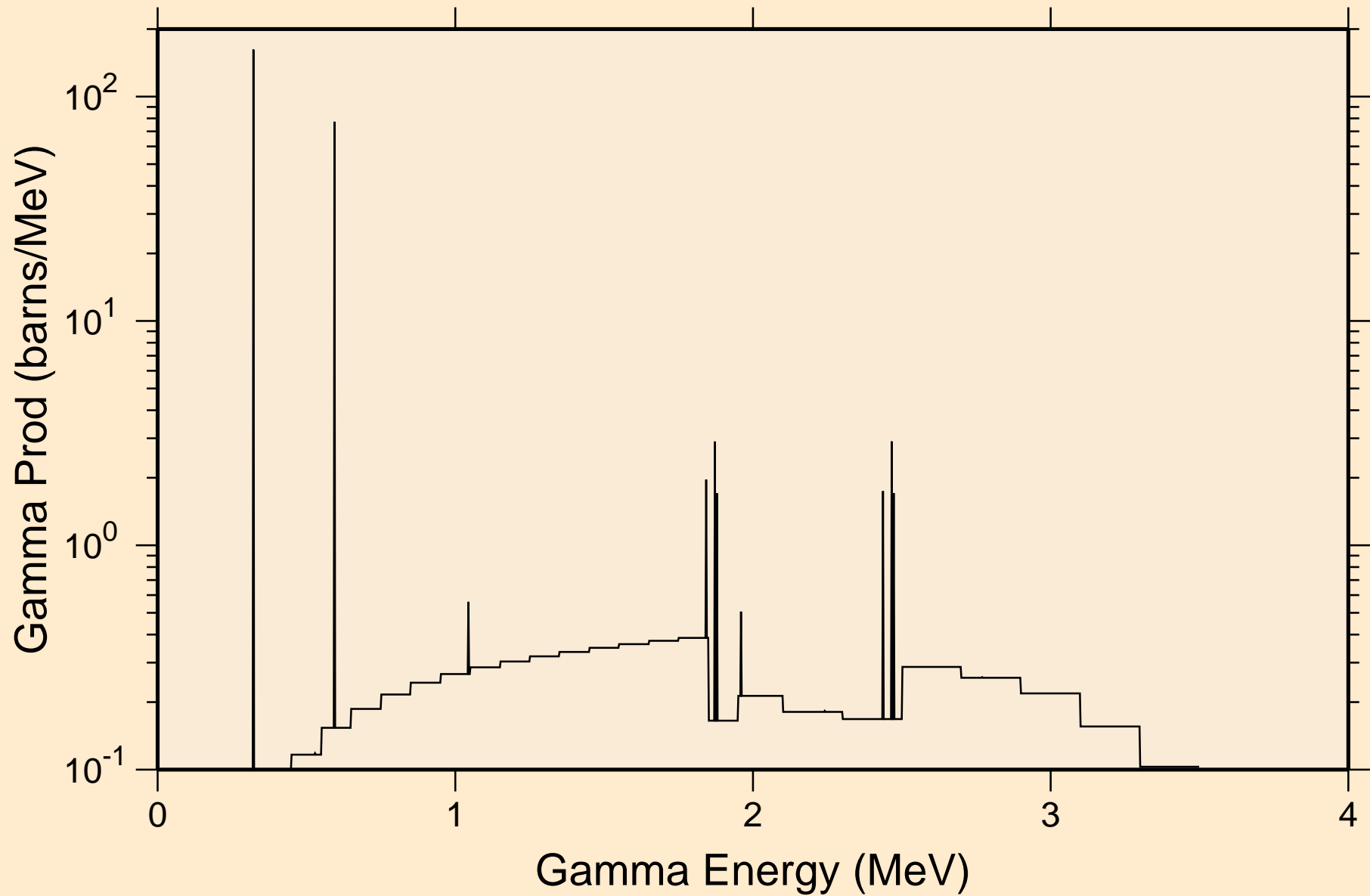
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Photon emission for (n,he3)



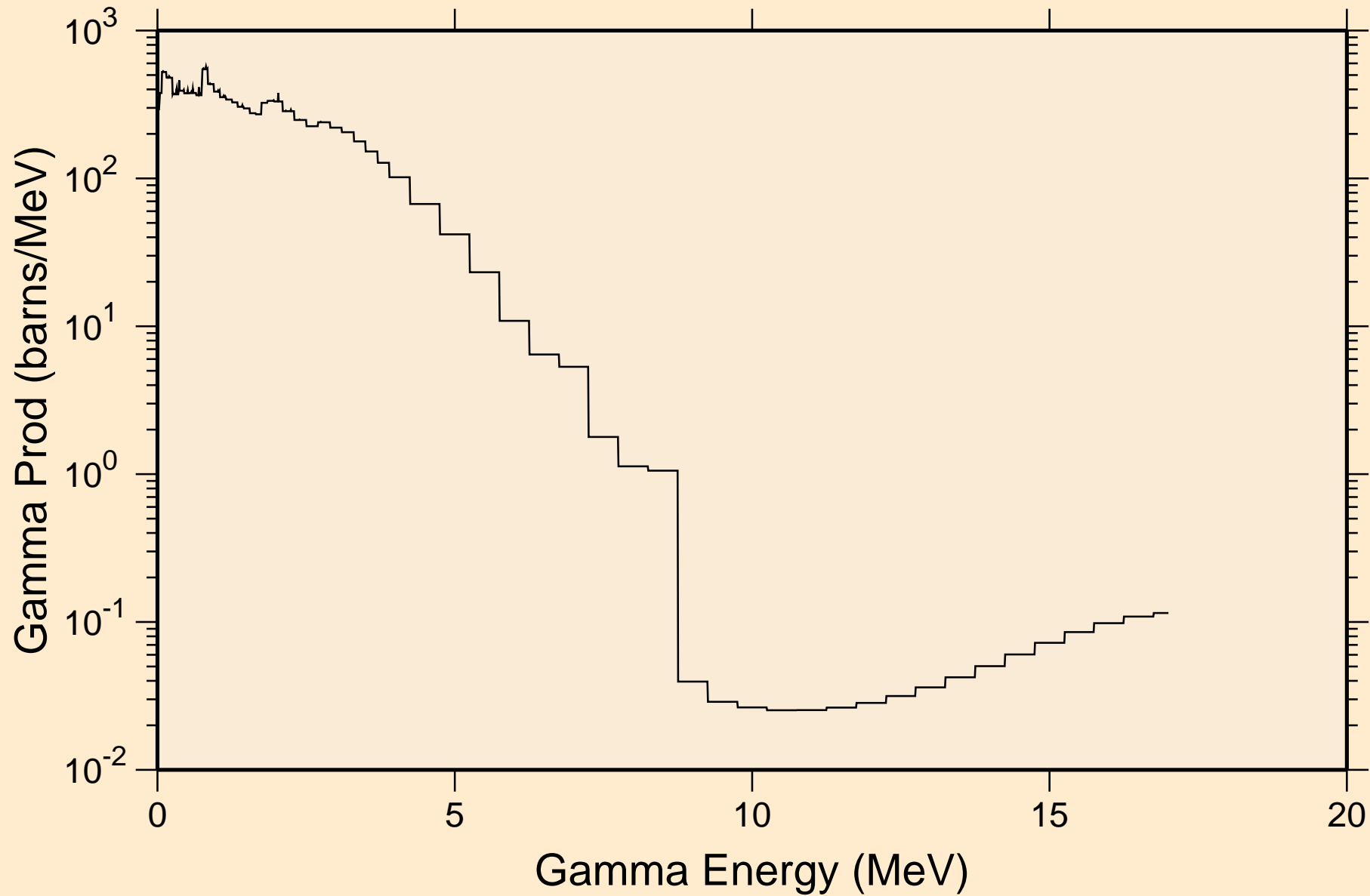
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

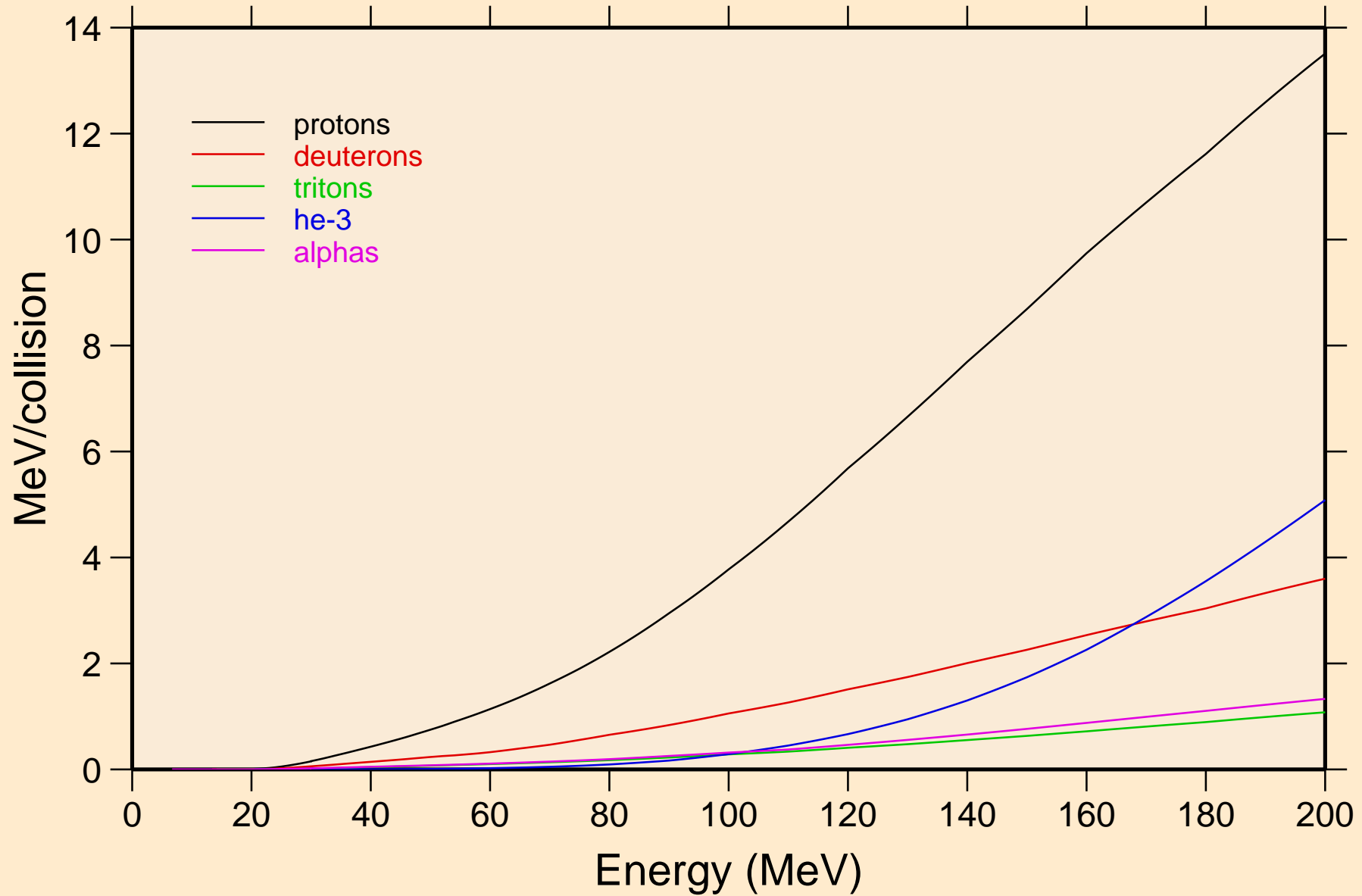


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



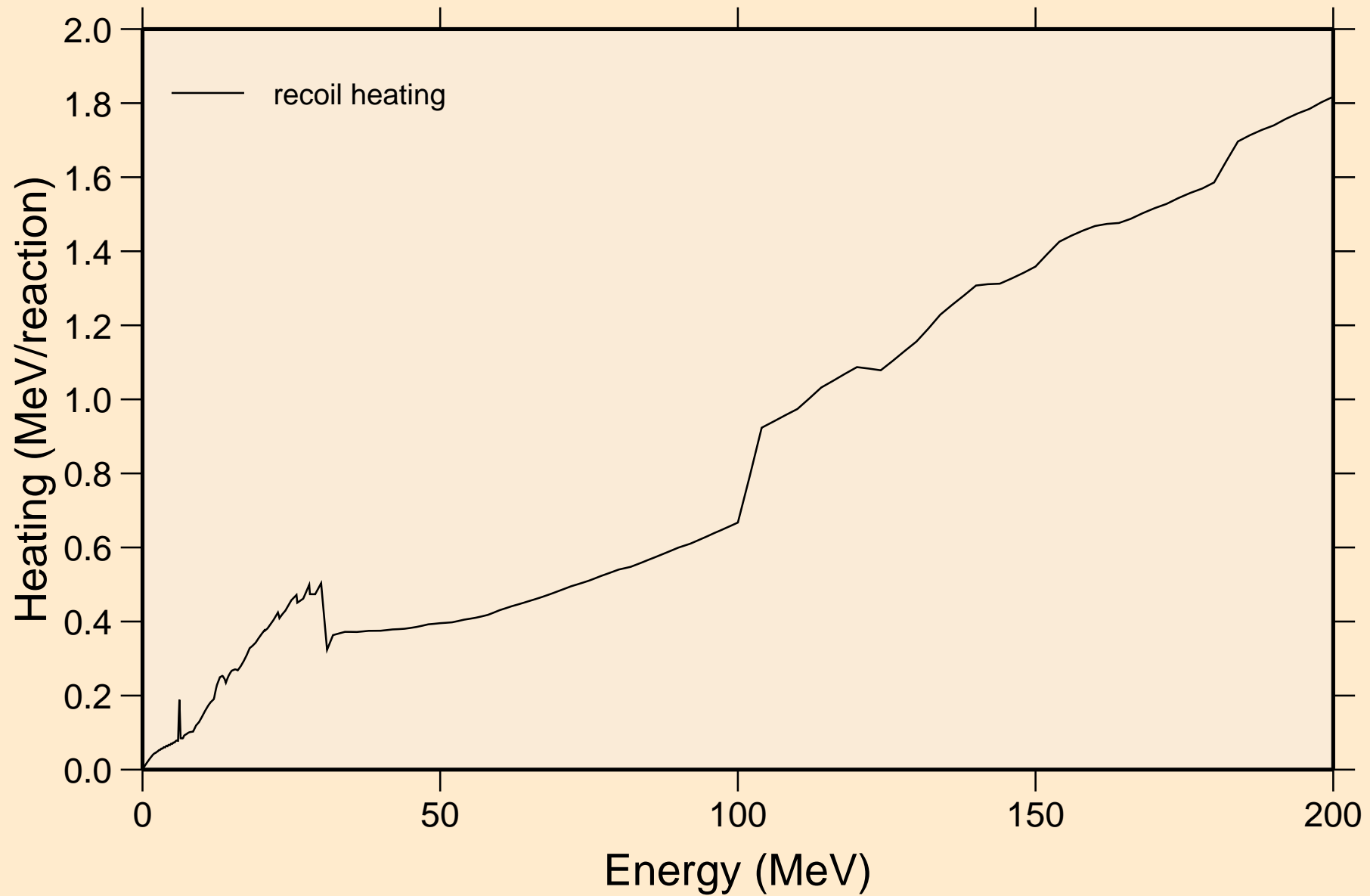
# NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

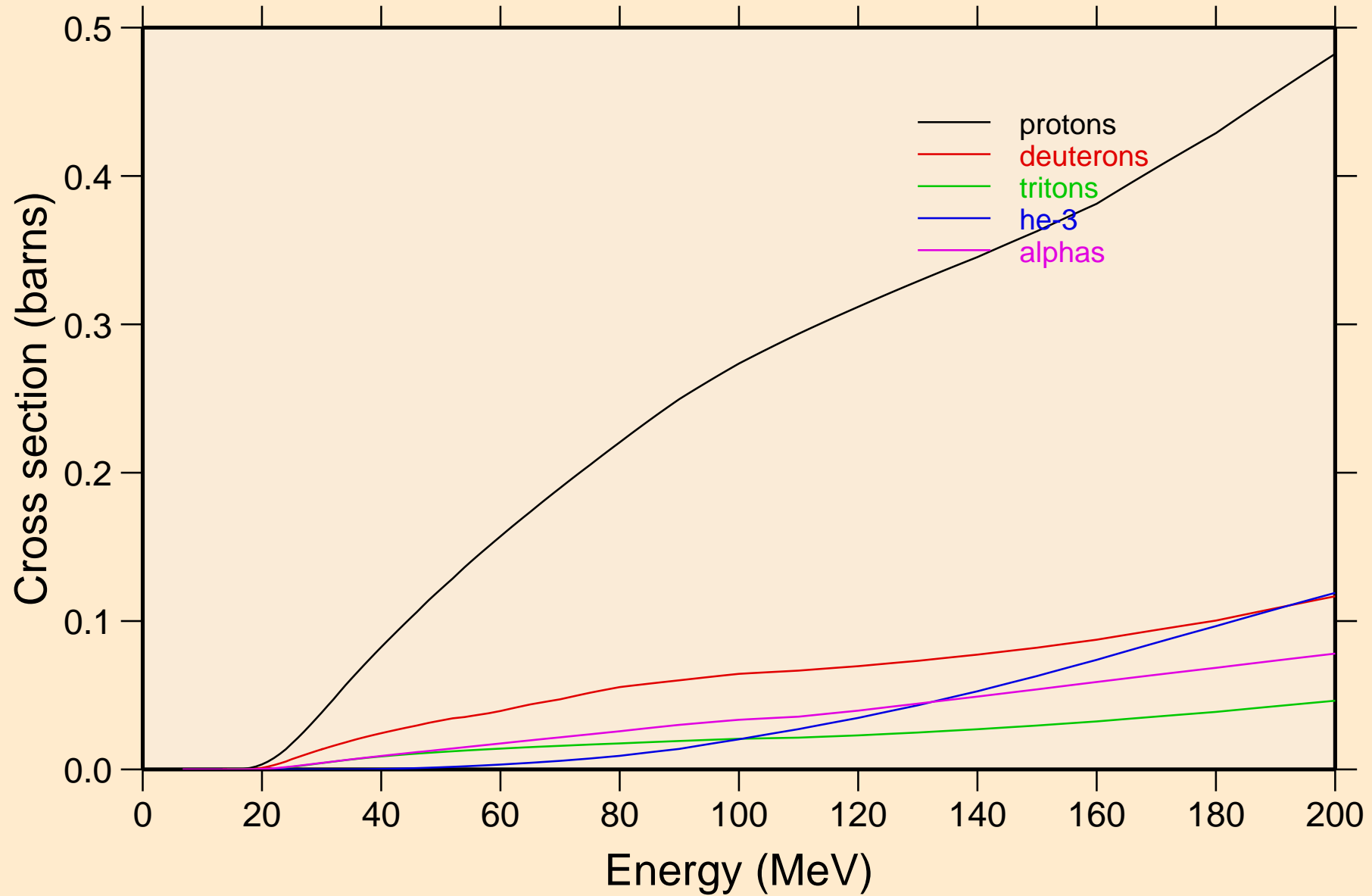




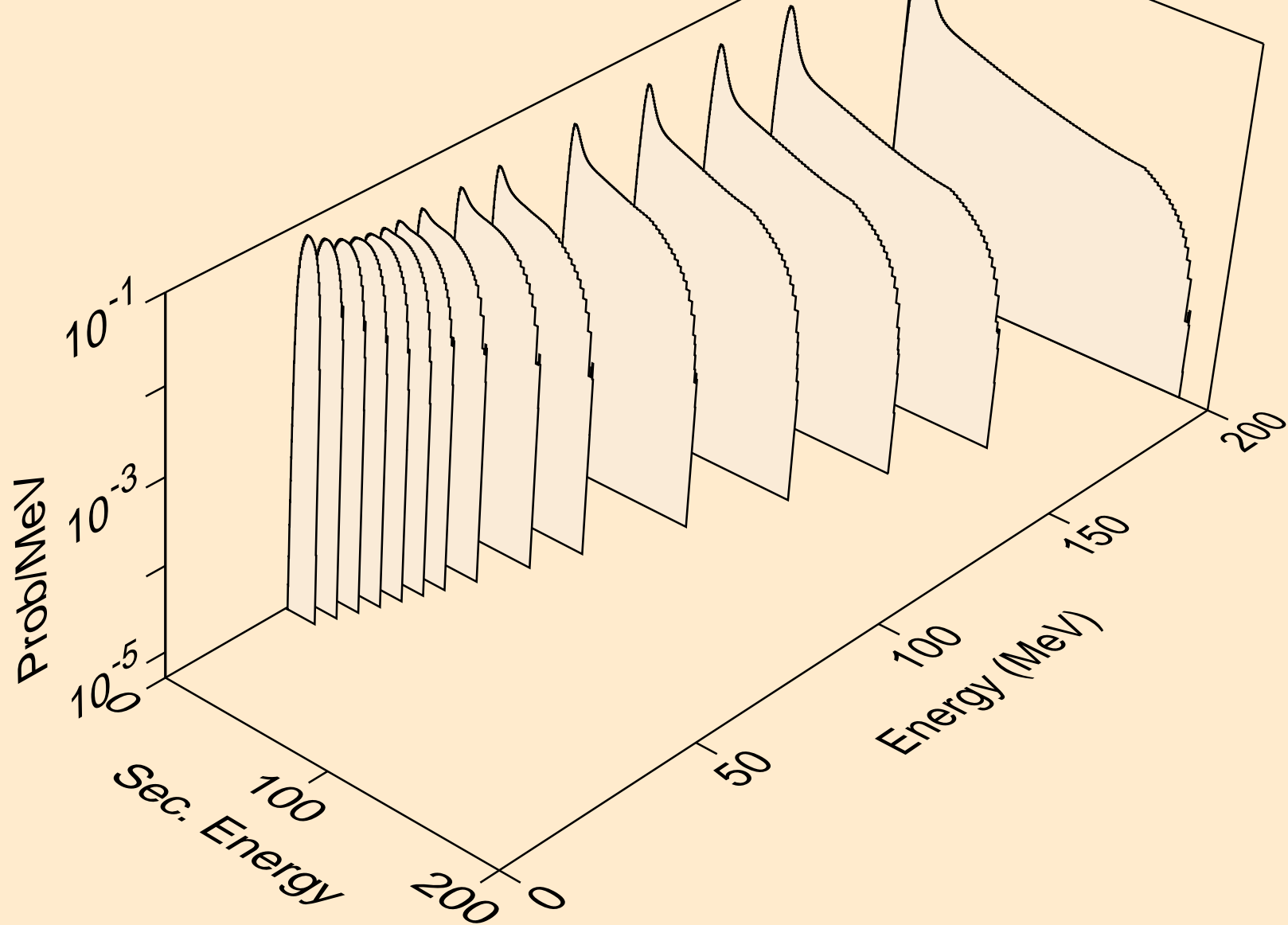
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Recoil Heating



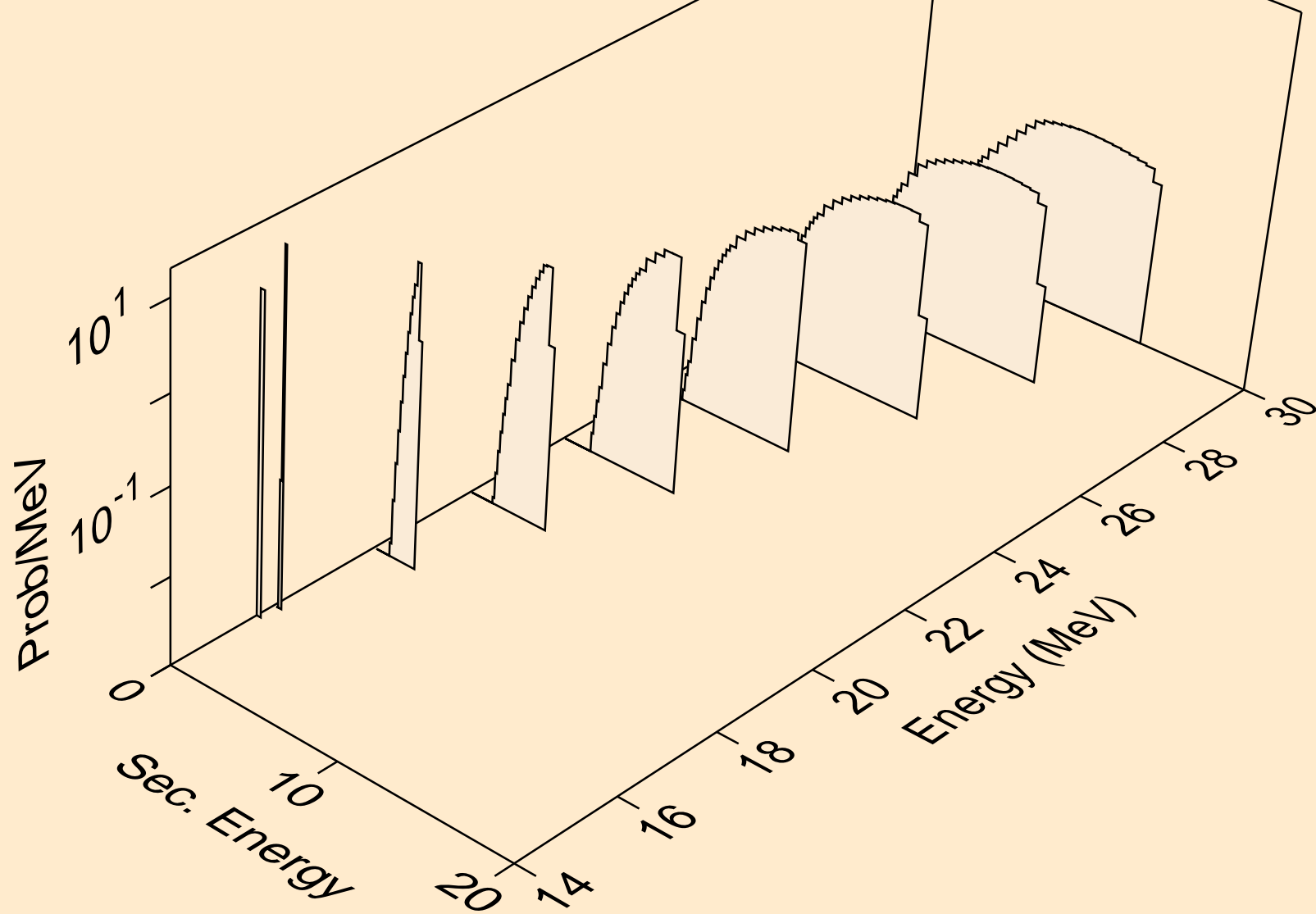
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Particle production cross sections



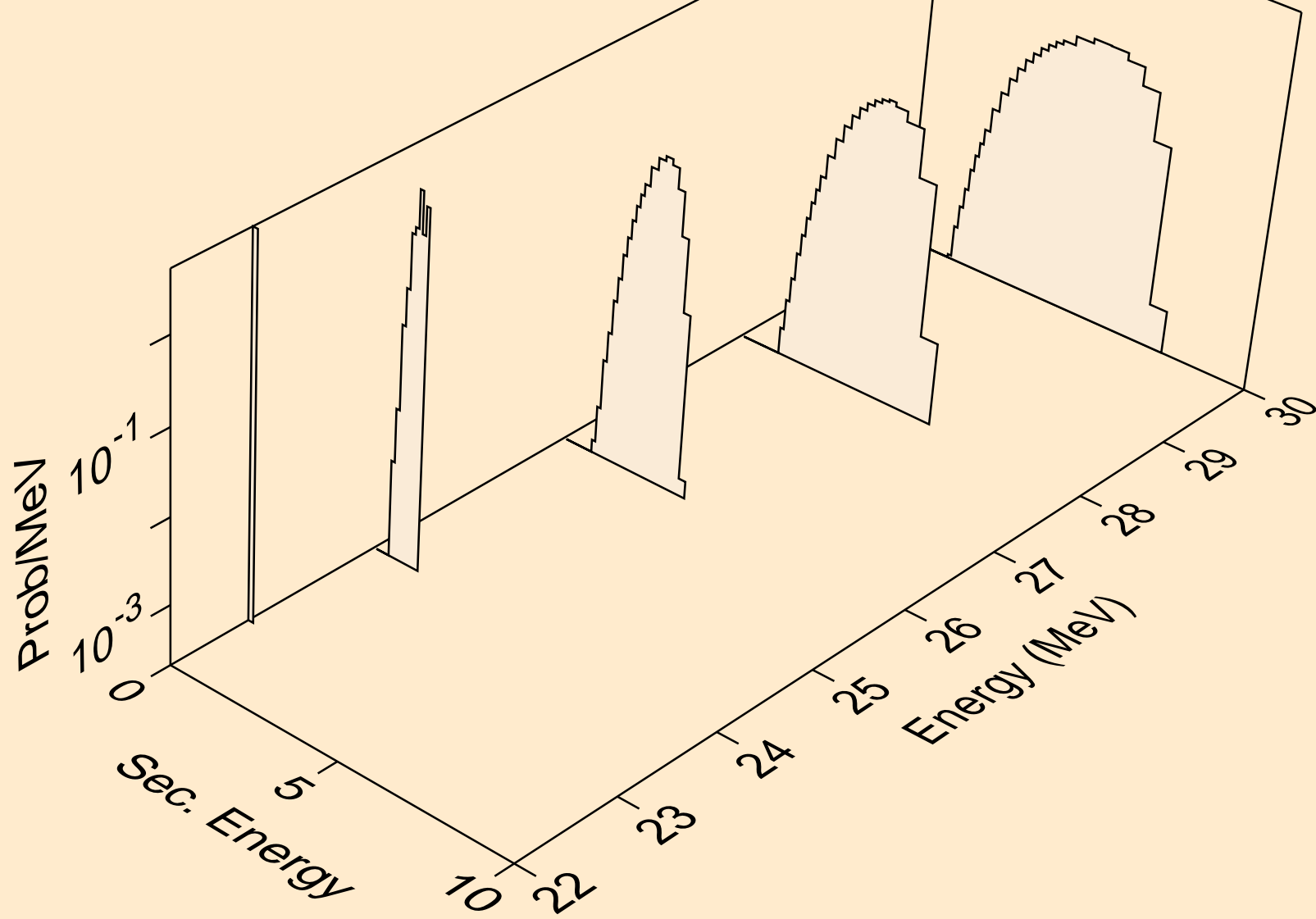
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protons from (n,x)



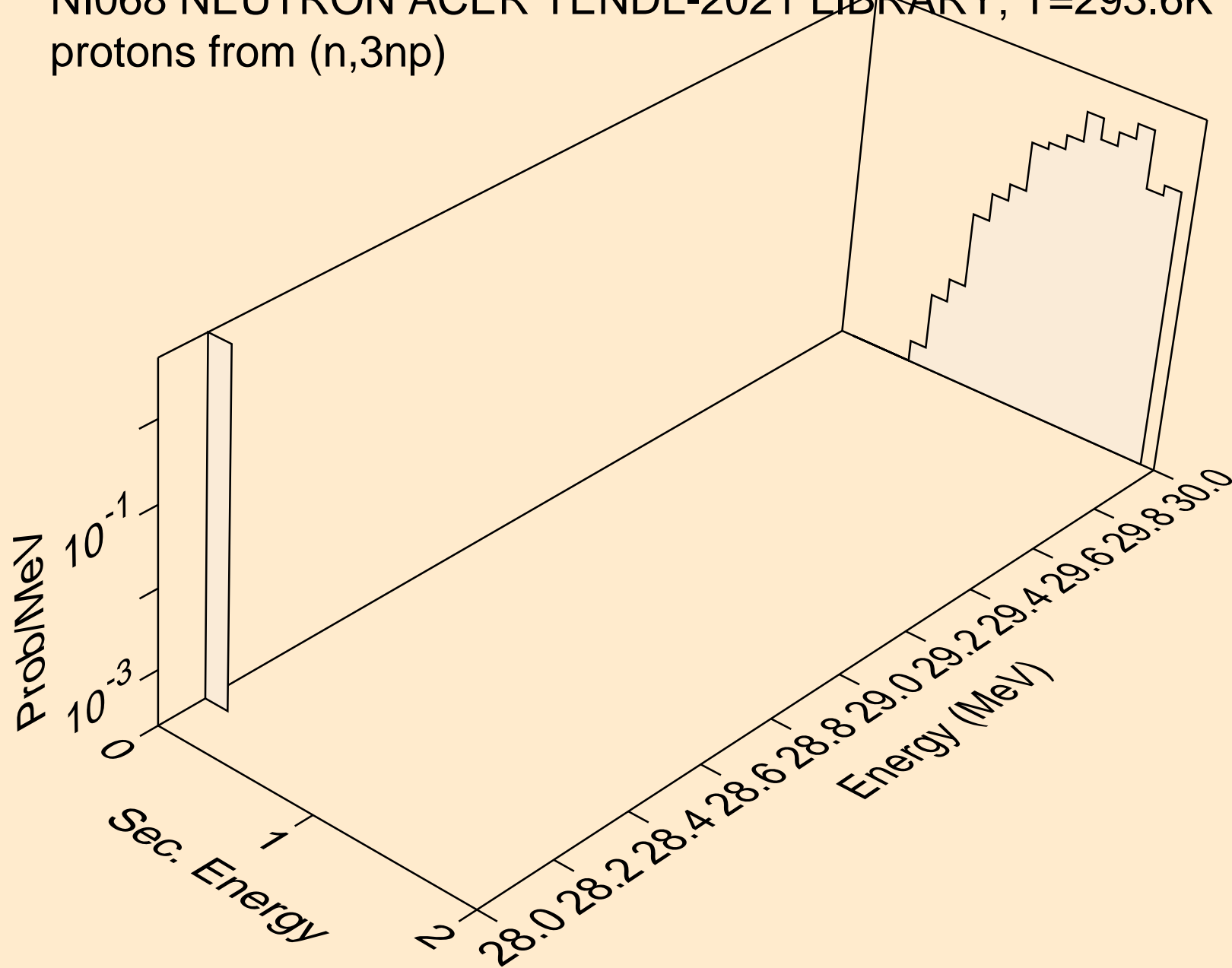
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protons from (n,n\*)p



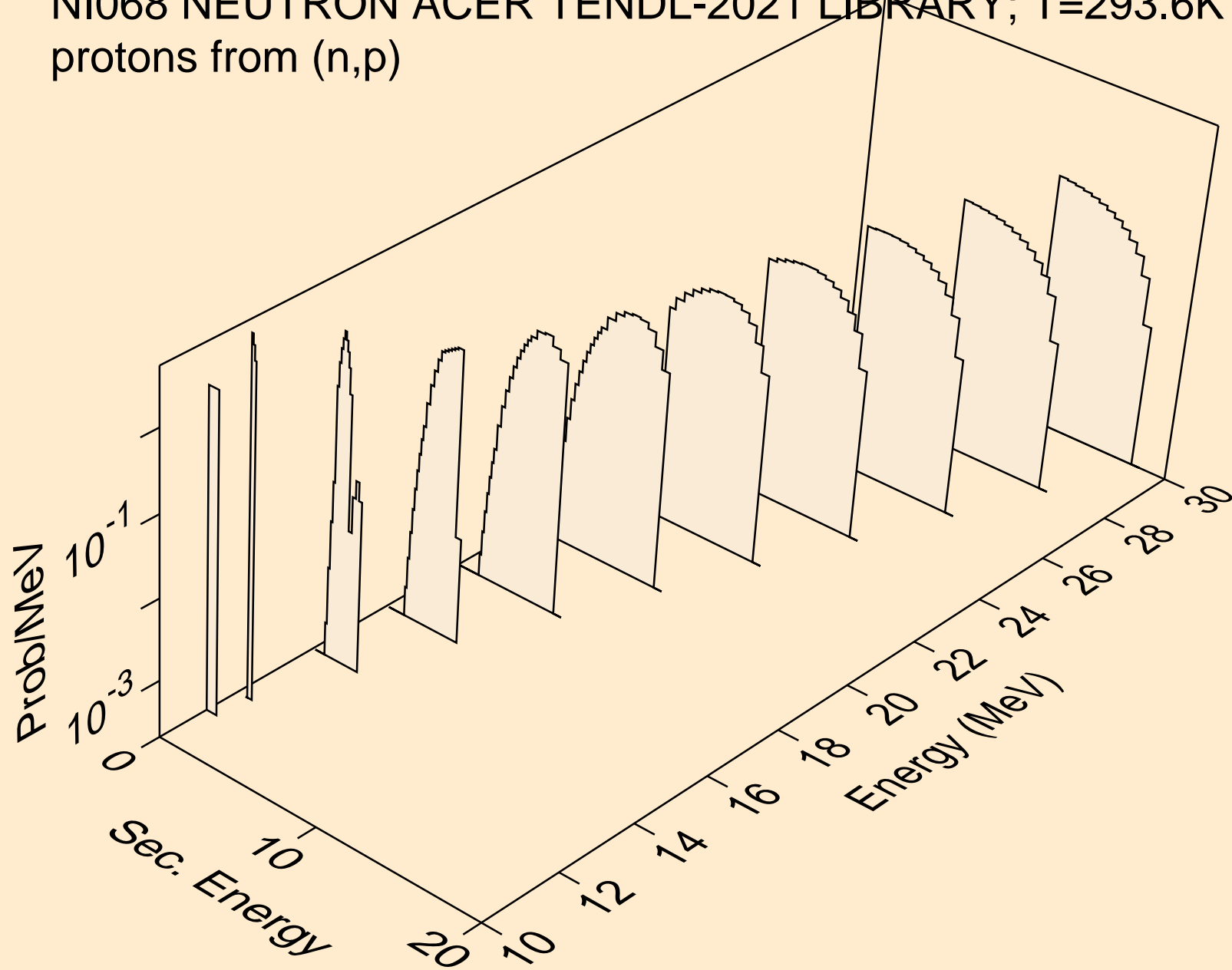
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protons from (n,2np)



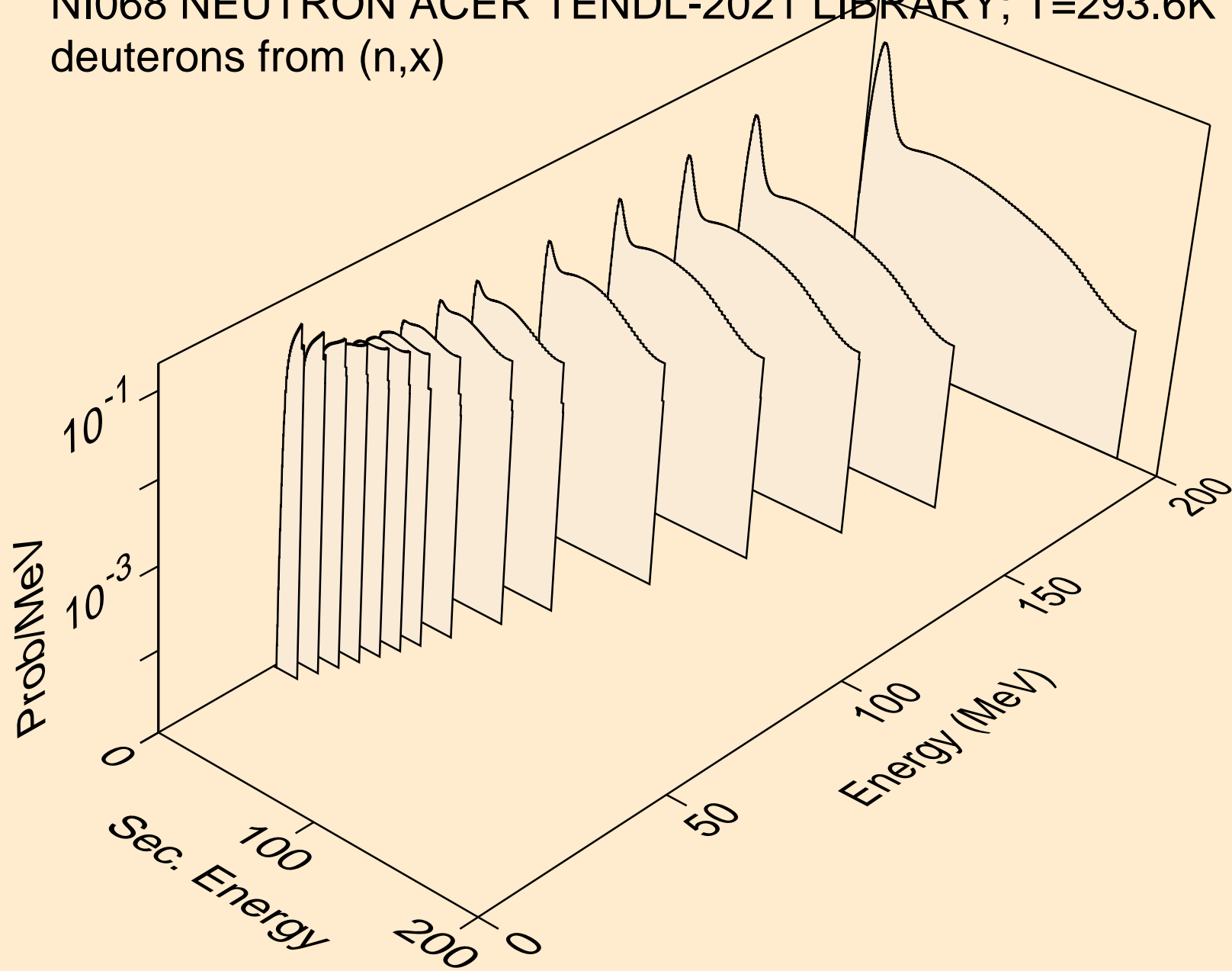
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

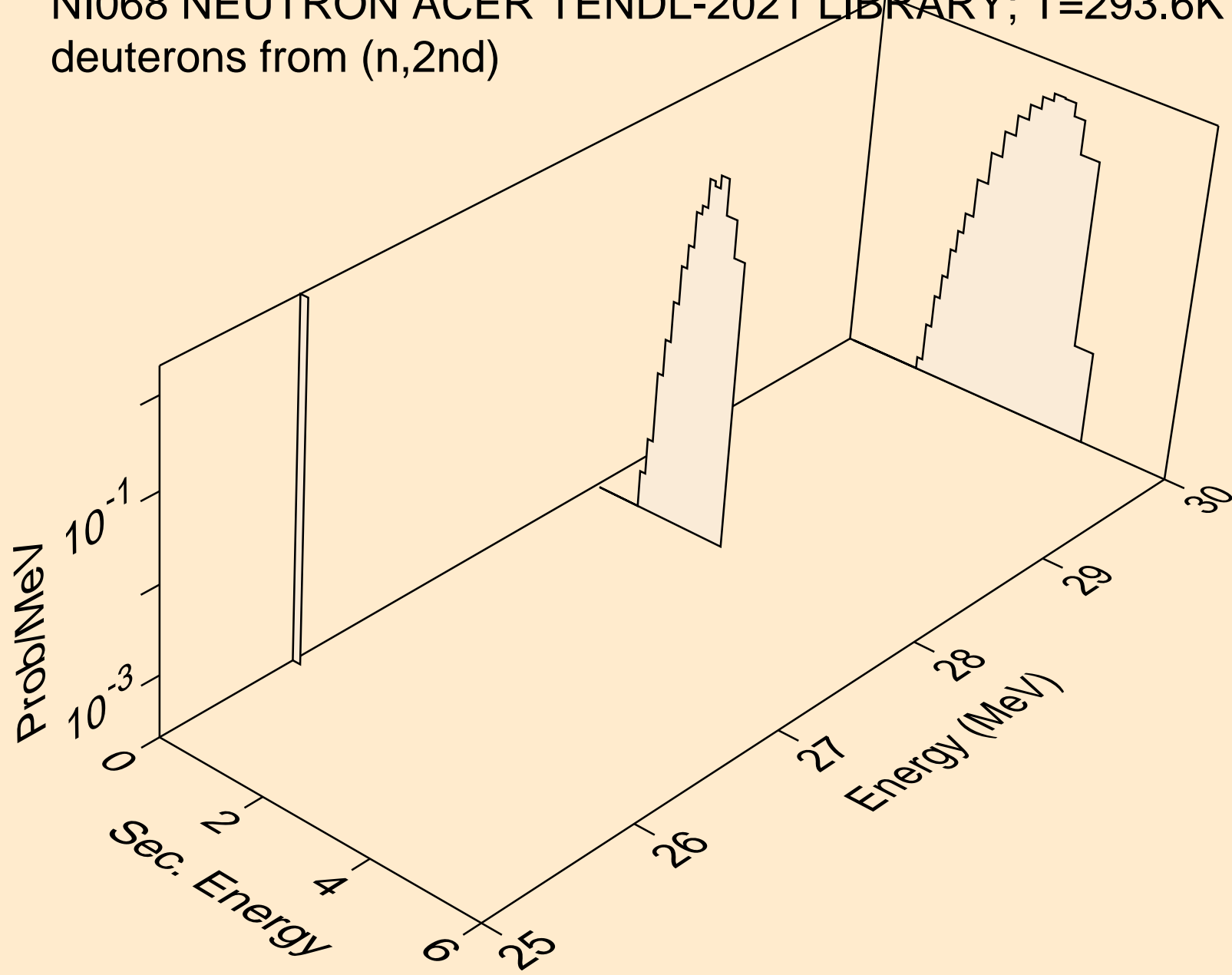


NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

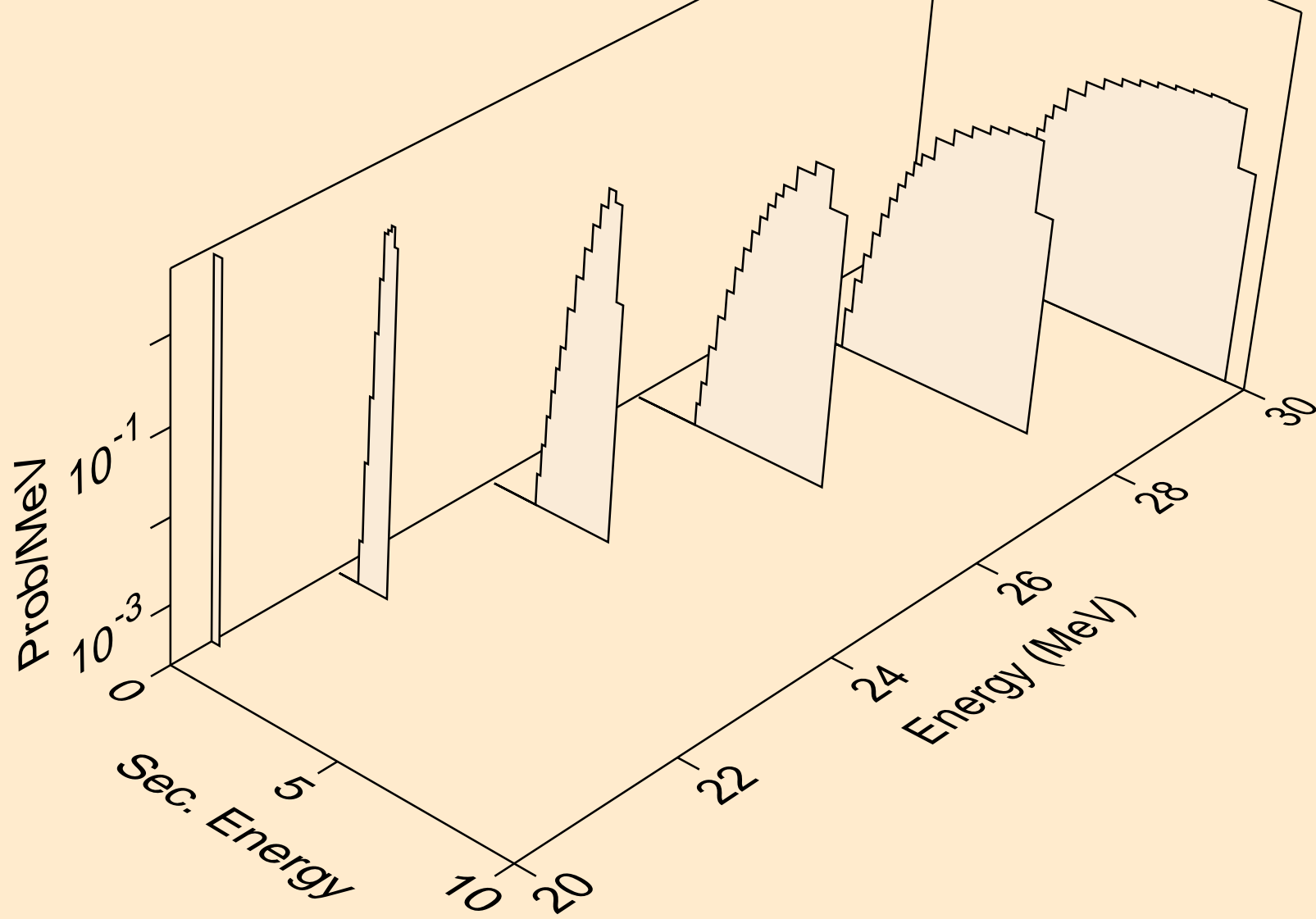




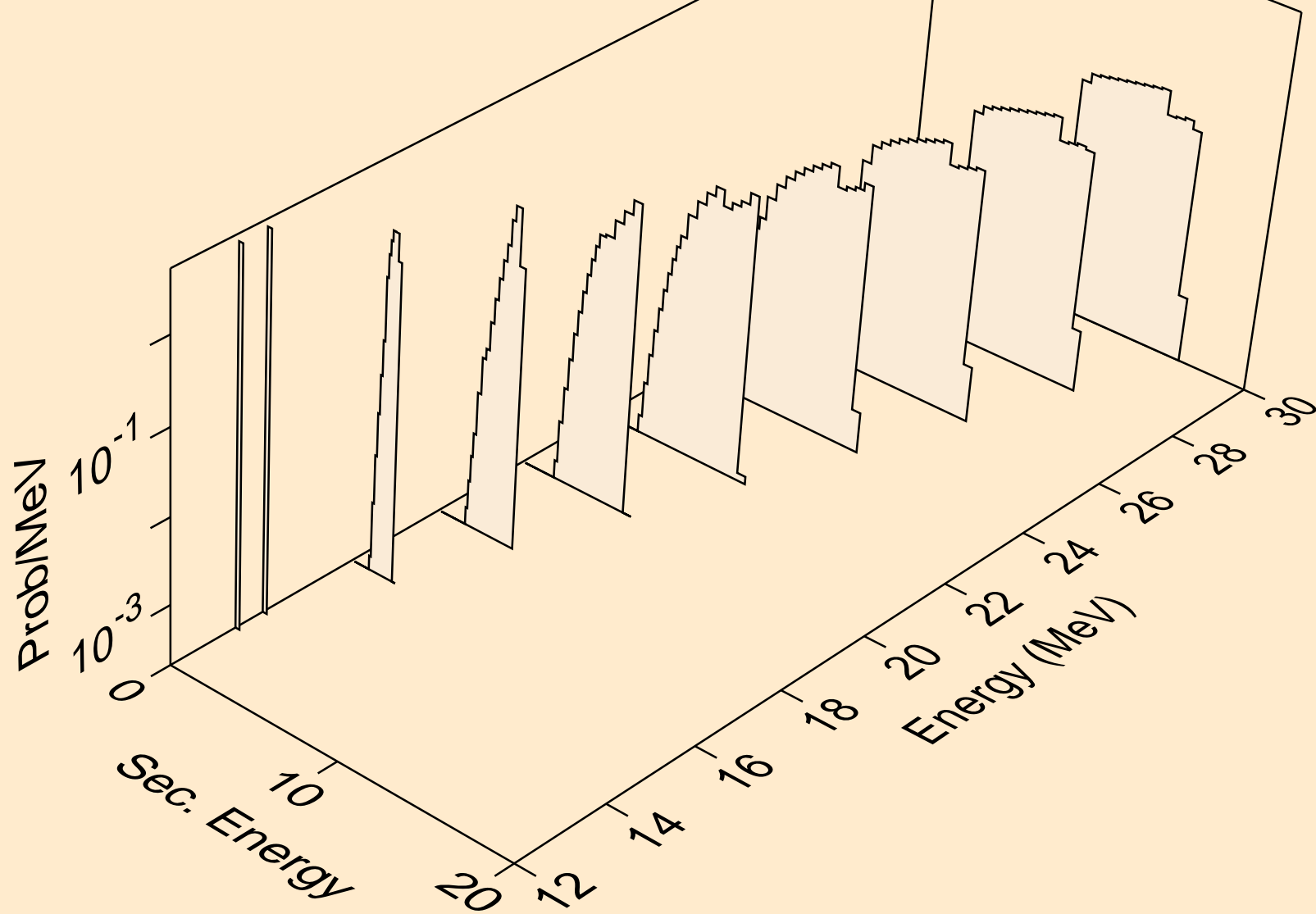
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deuterons from (n,2nd)



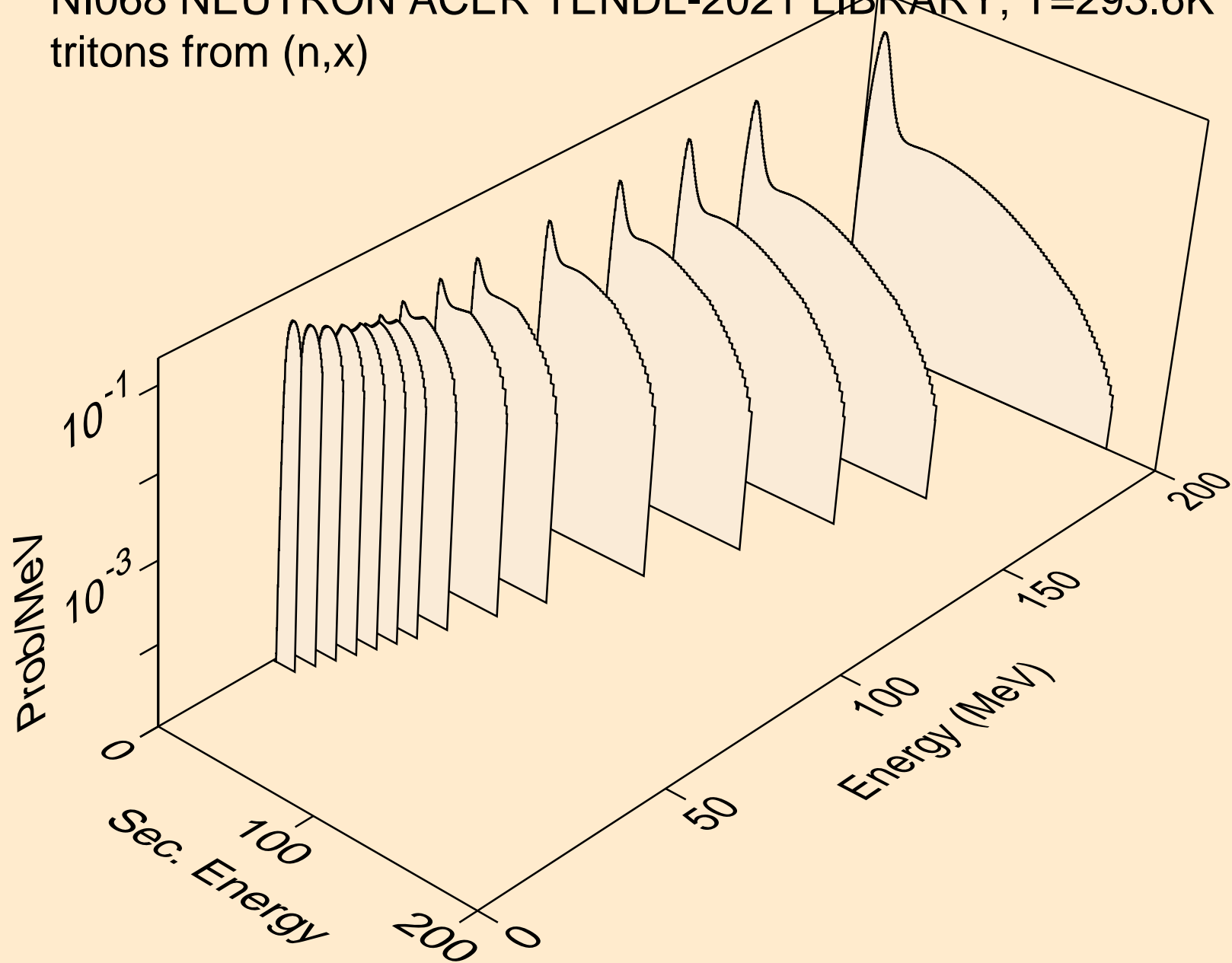
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deuterons from (n,n\*)d



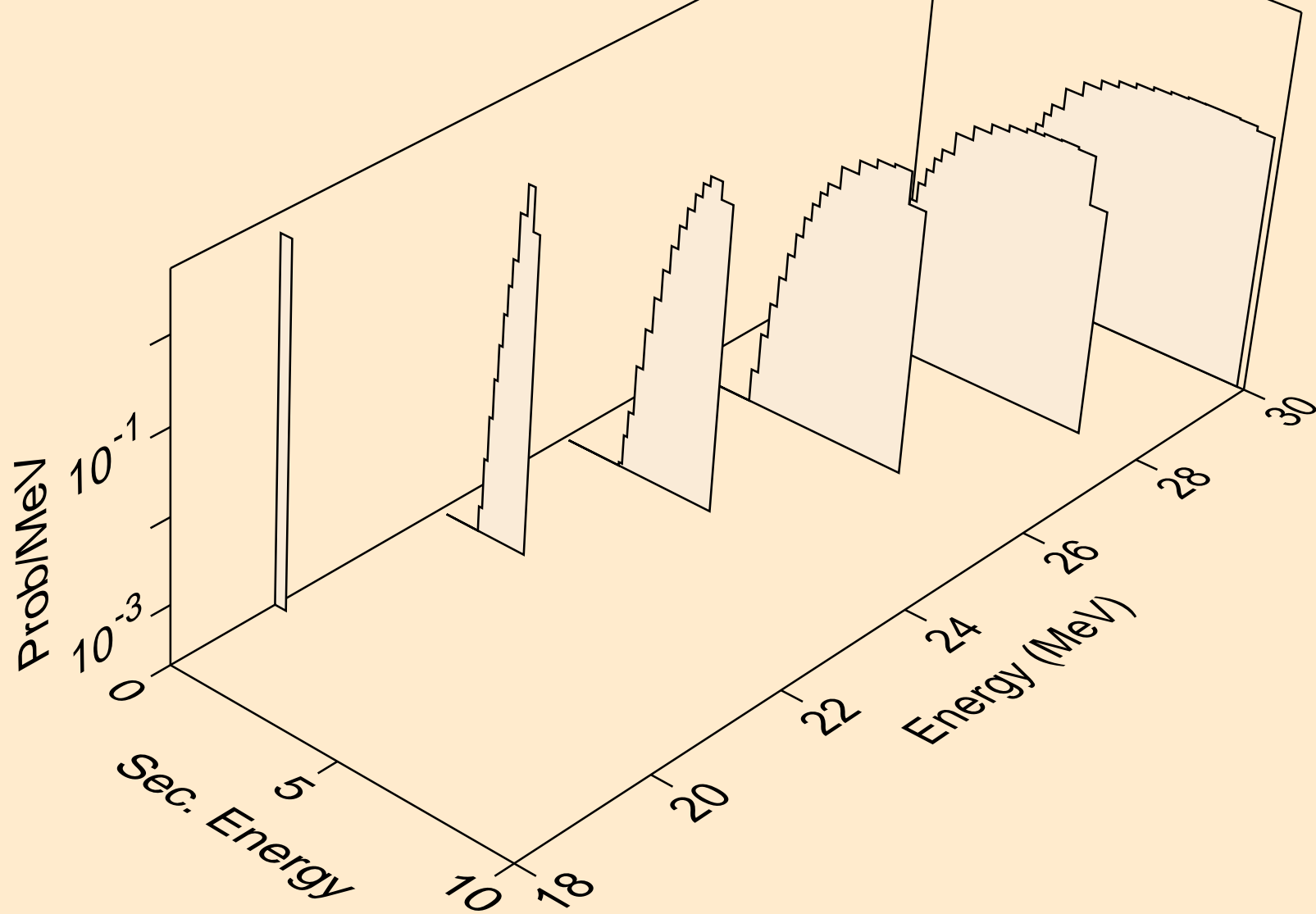
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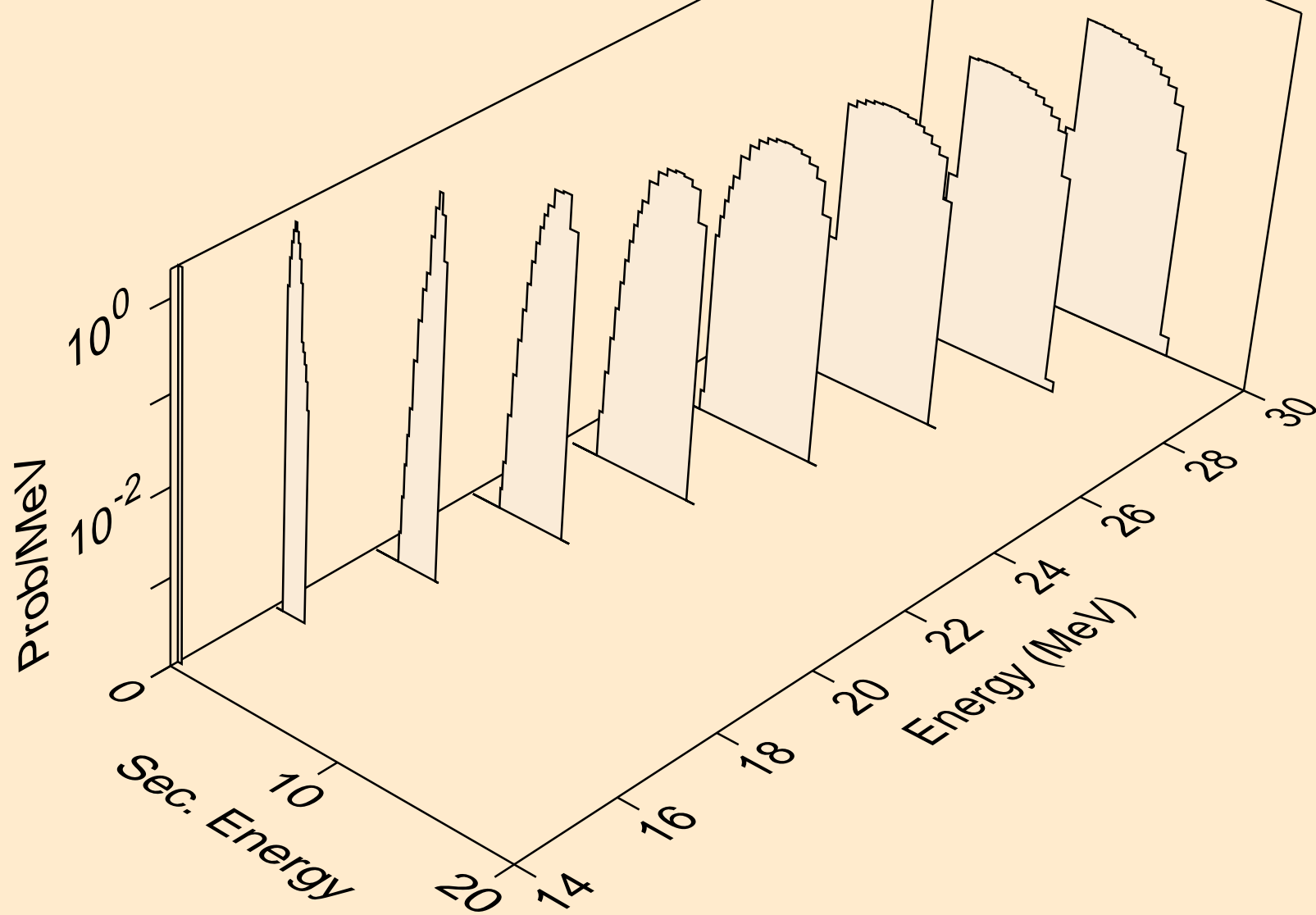
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tritons from (n,x)



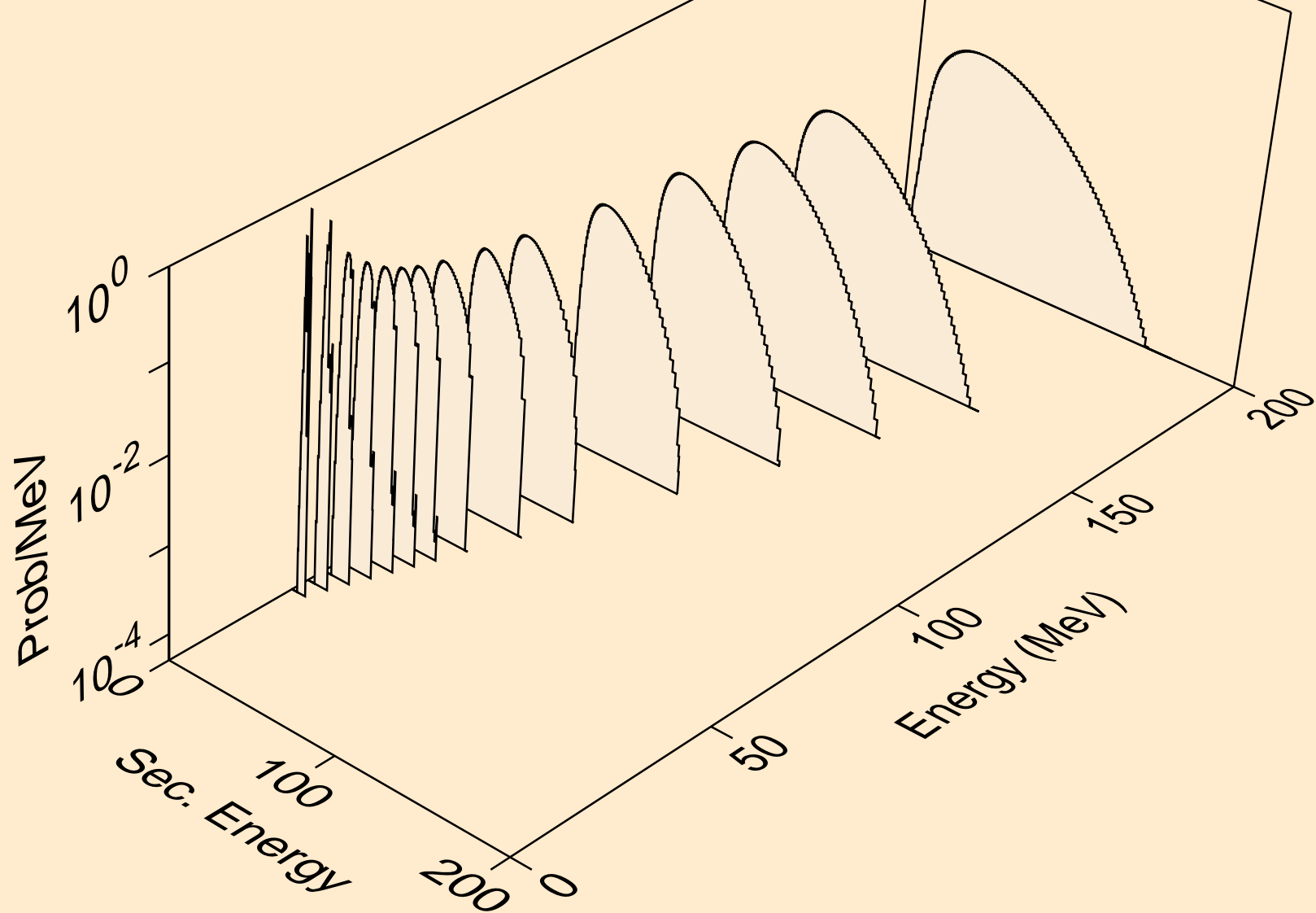
NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



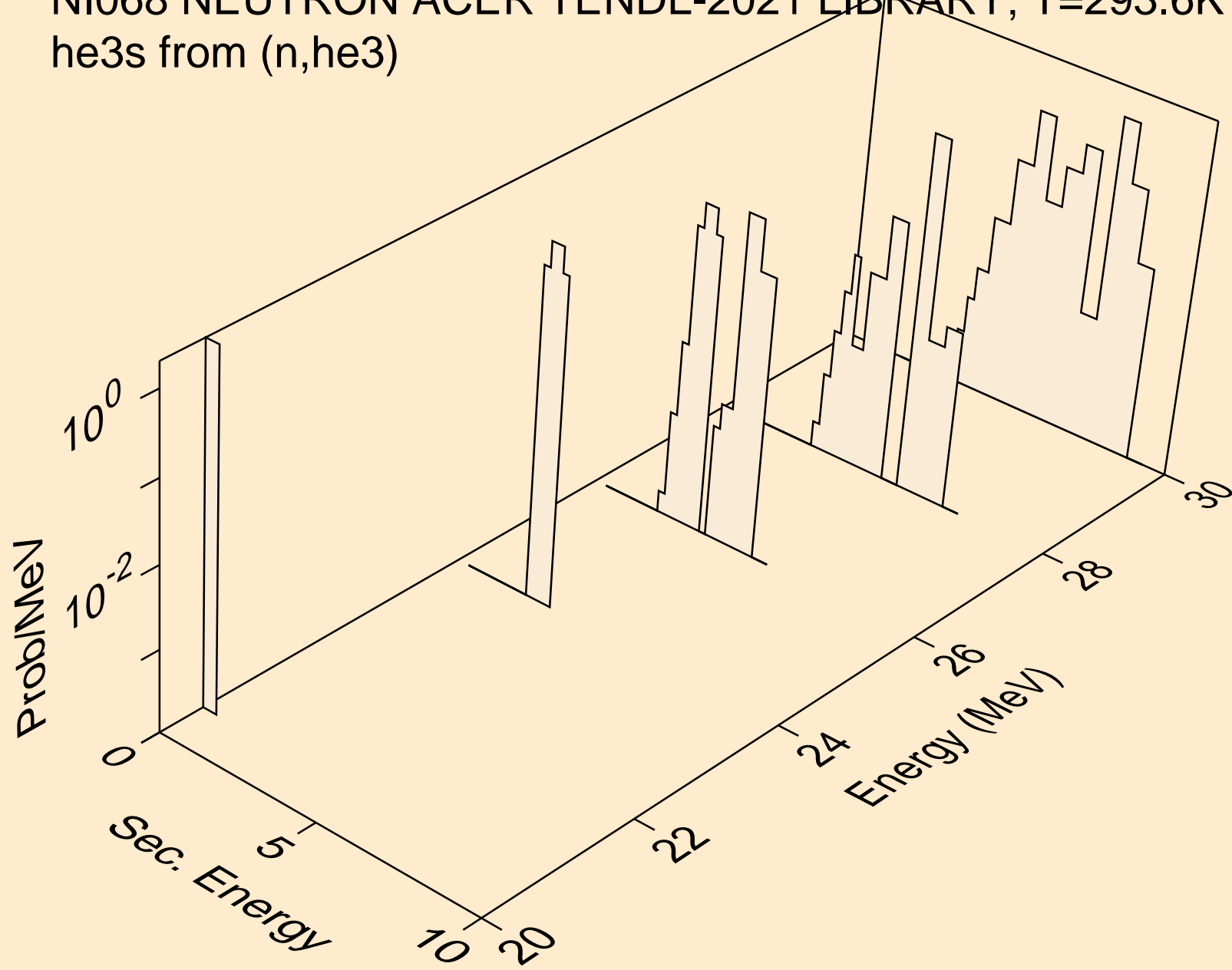
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tritons from (n,t)



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

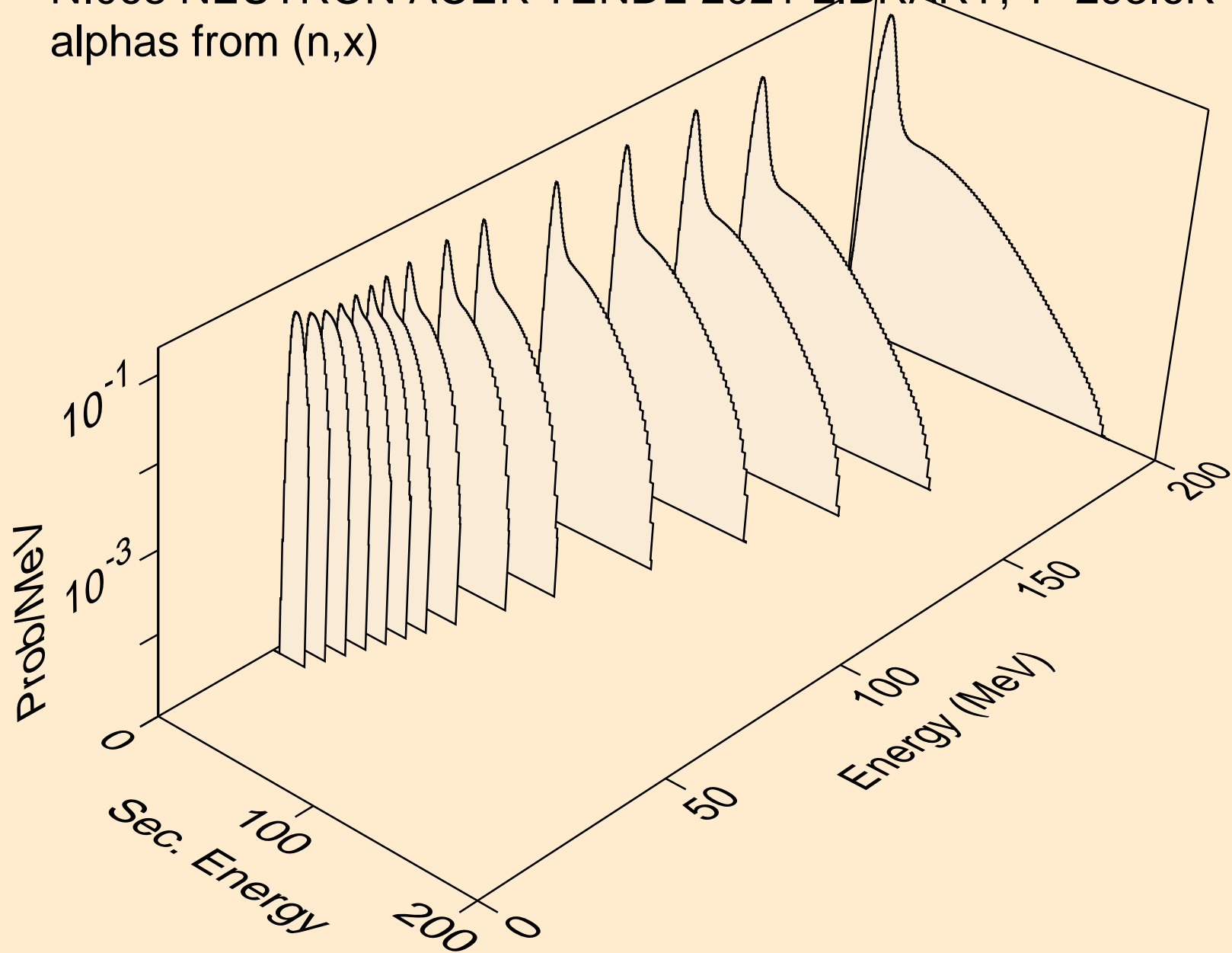


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he3s from (n,he3)

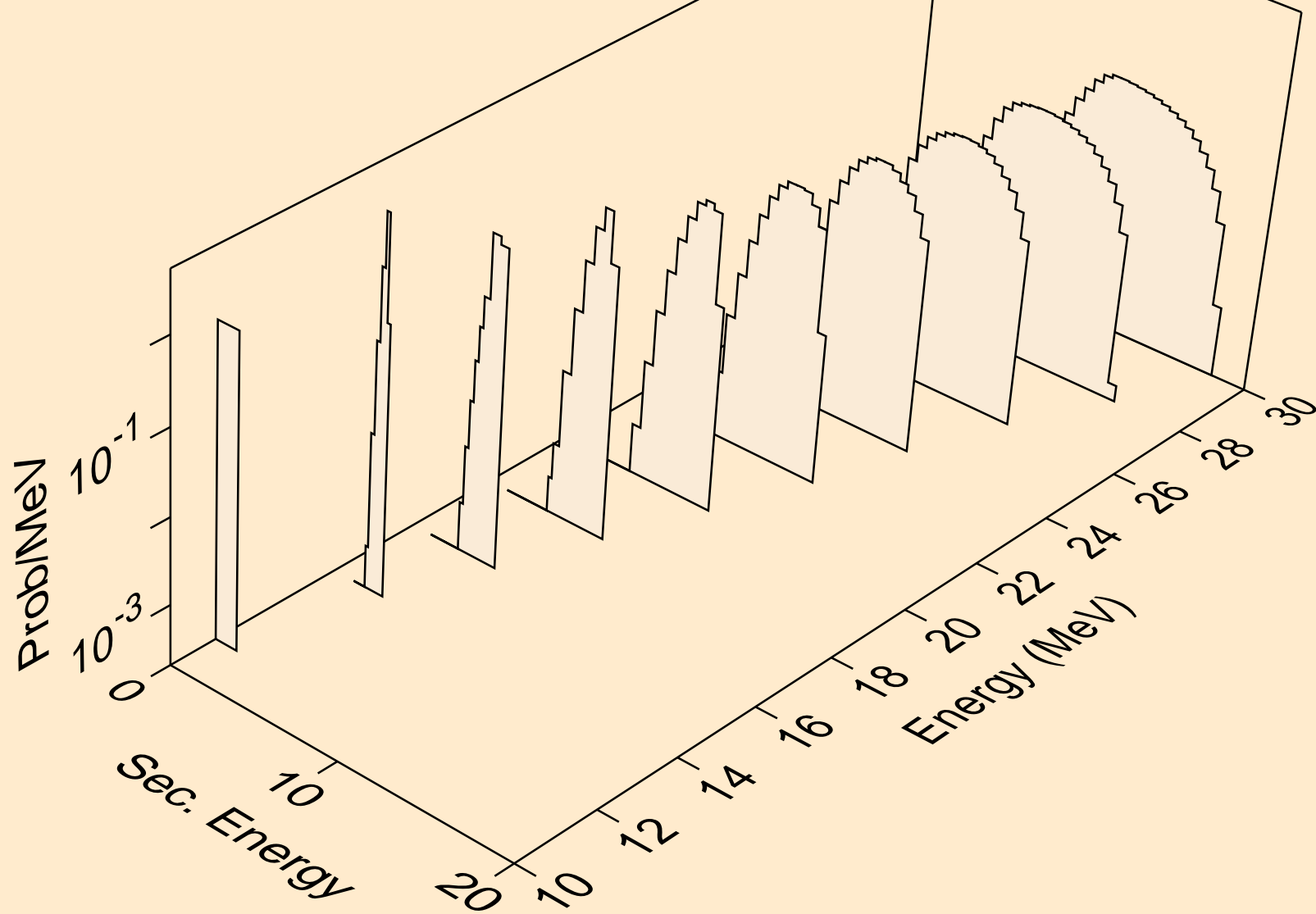




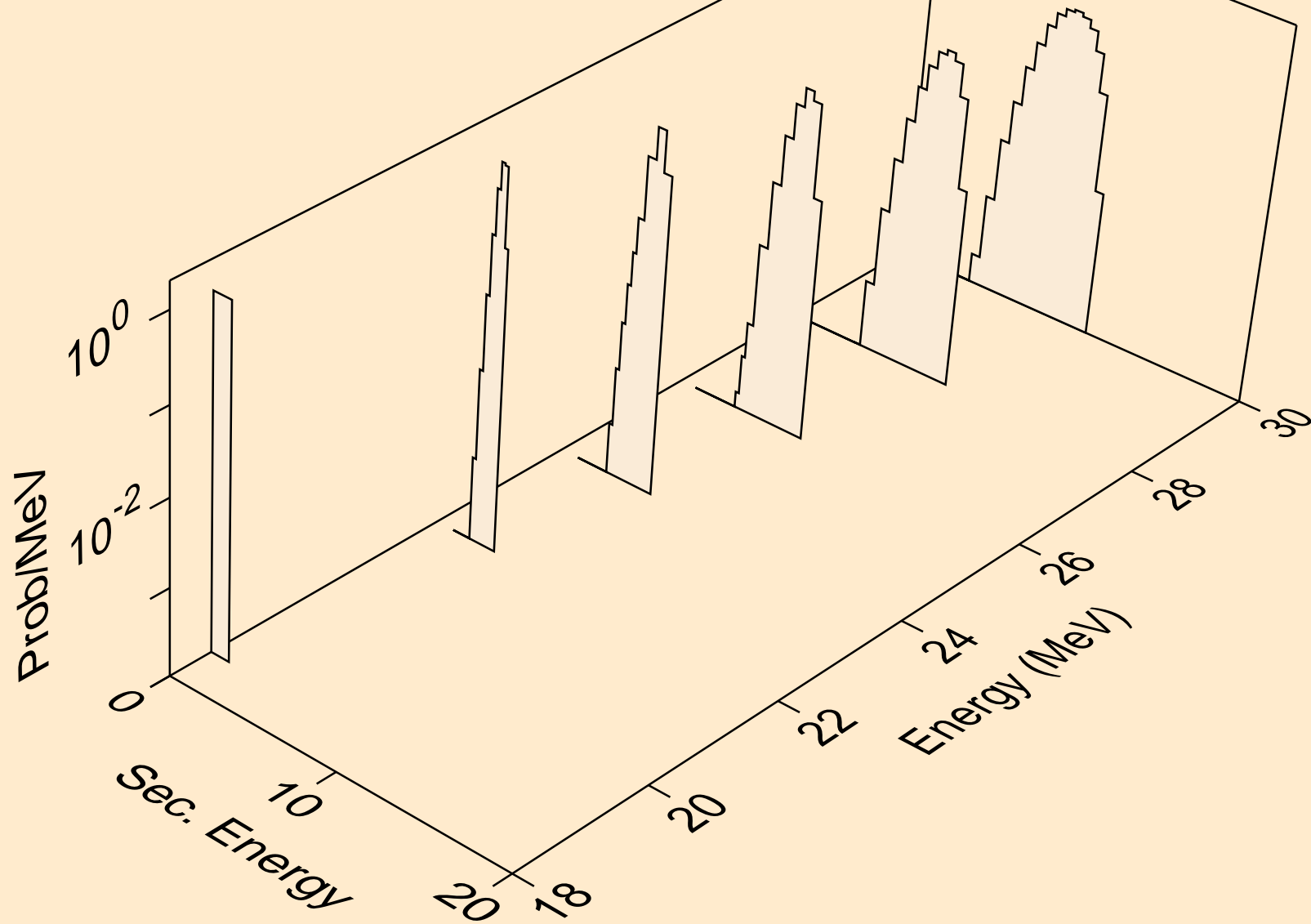
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alphas from (n,x)



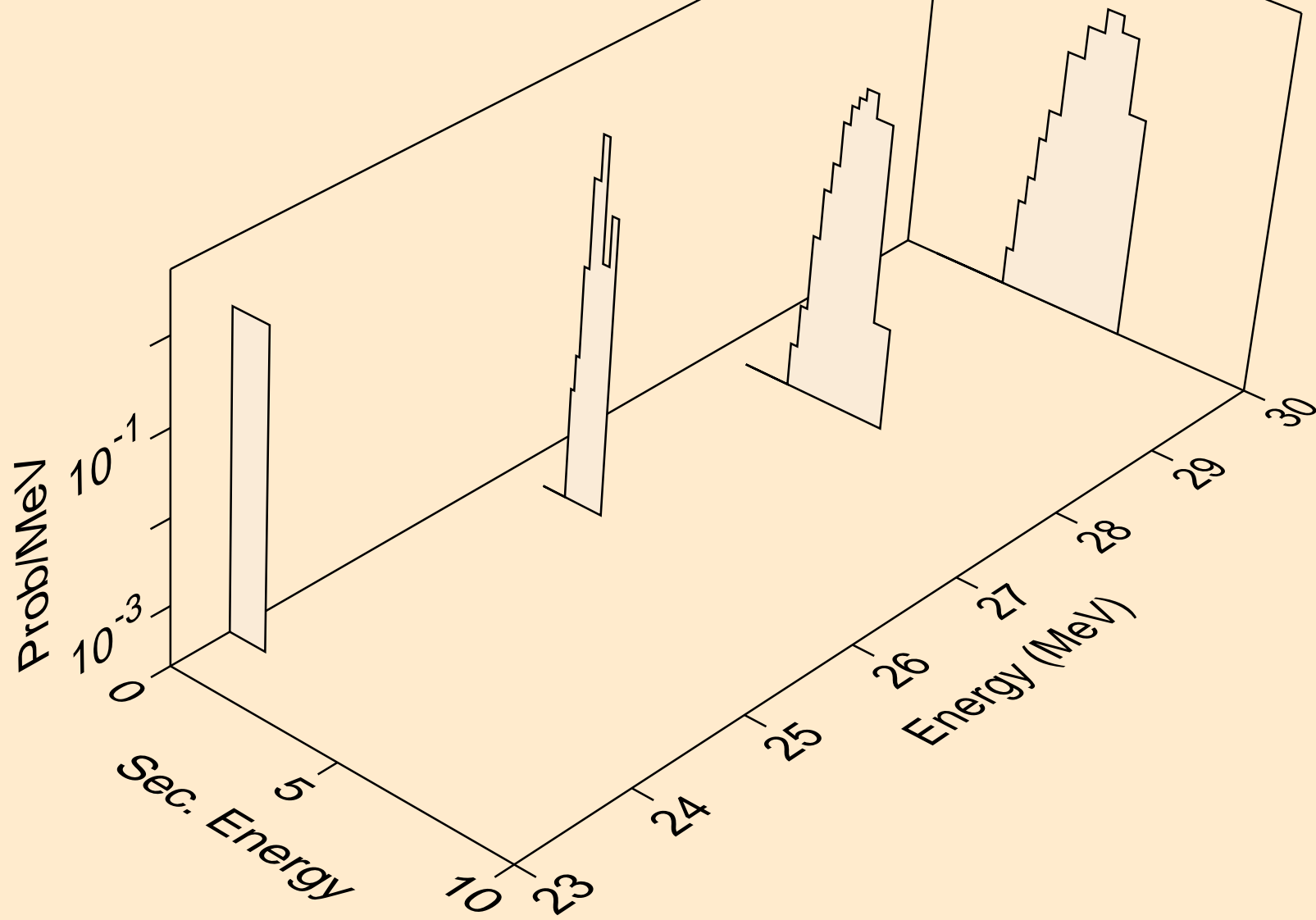
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alphas from (n,n\*)a



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



NI068 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

