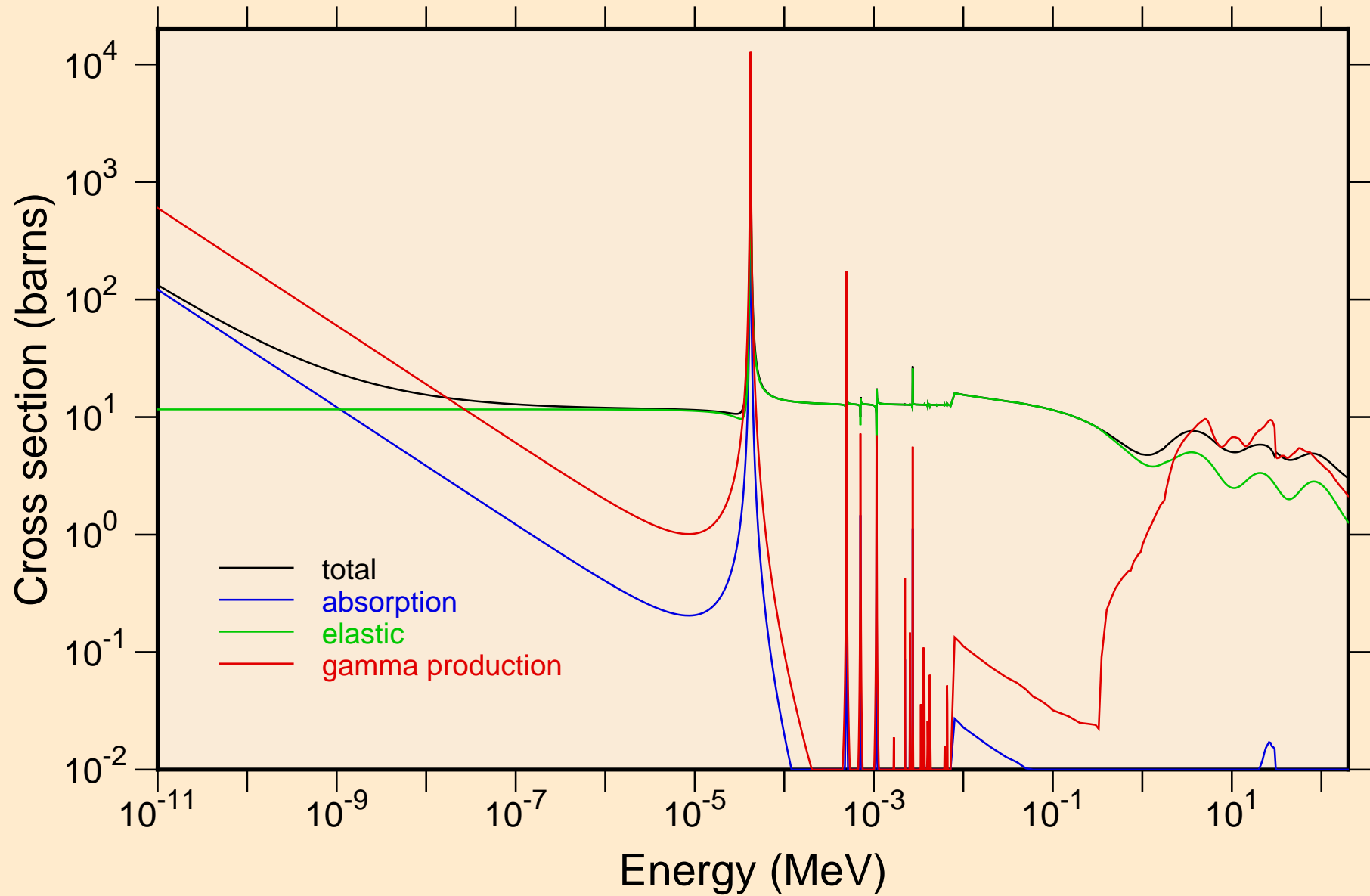
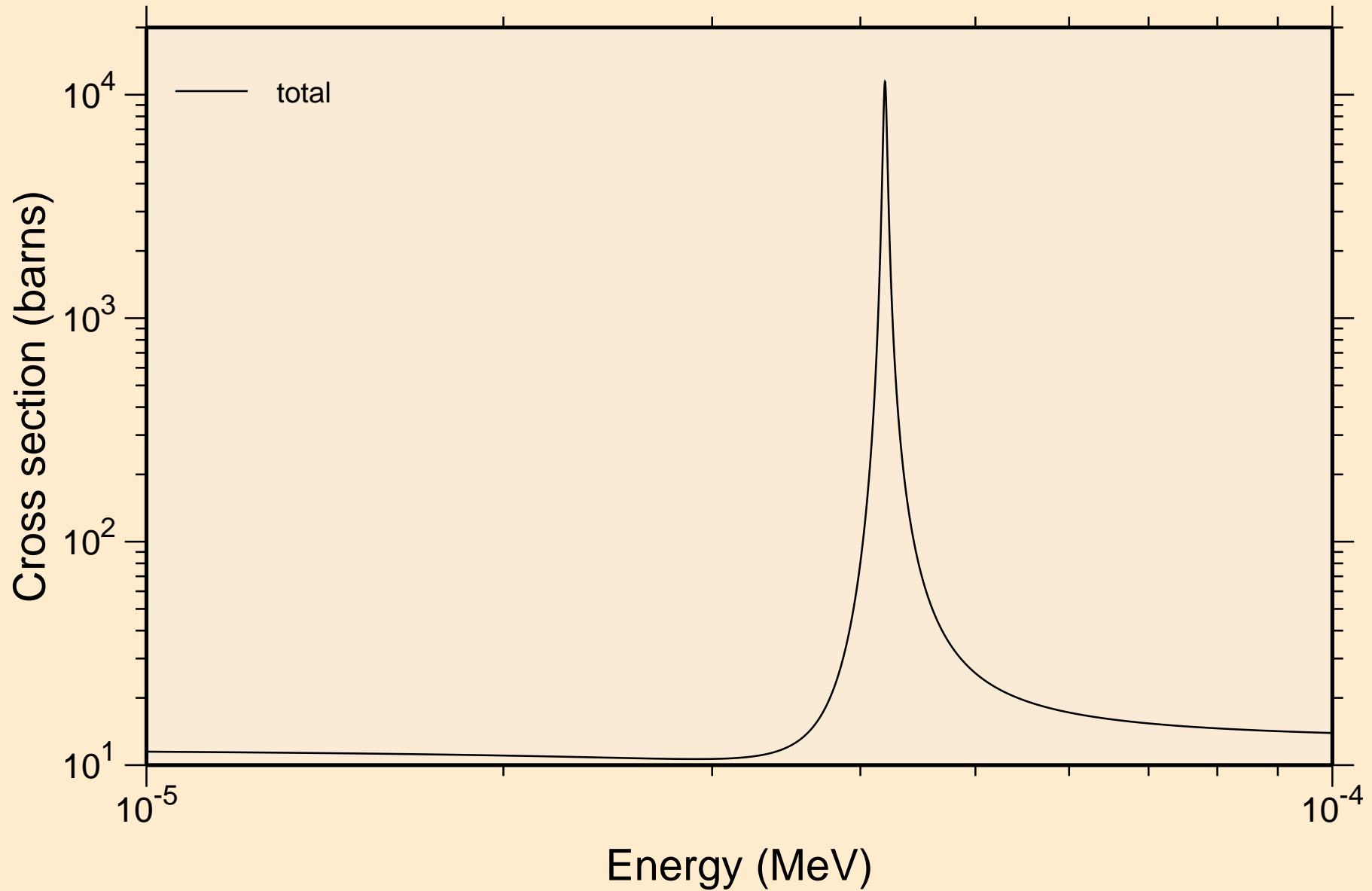


# TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

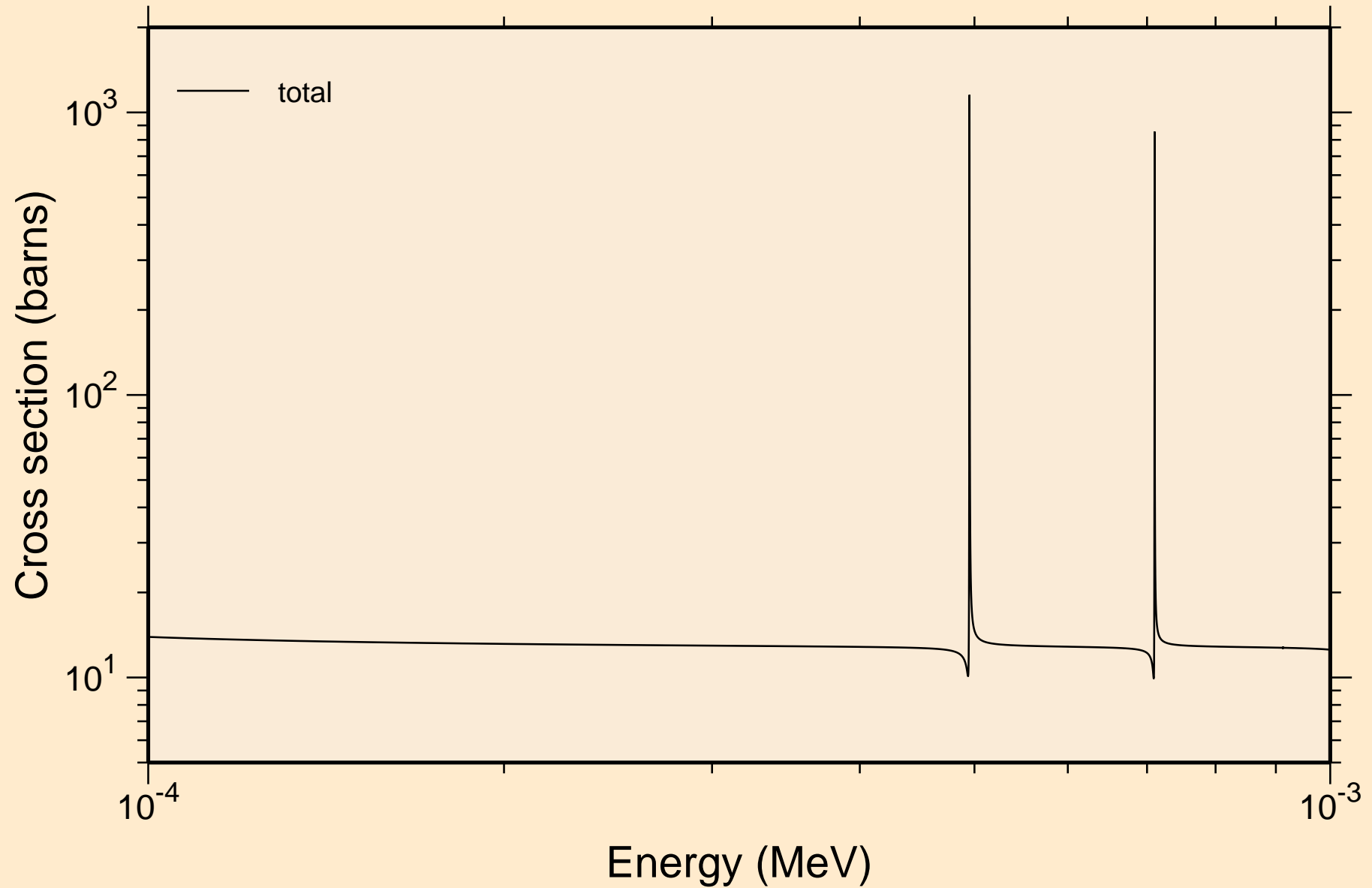
## Principal cross sections



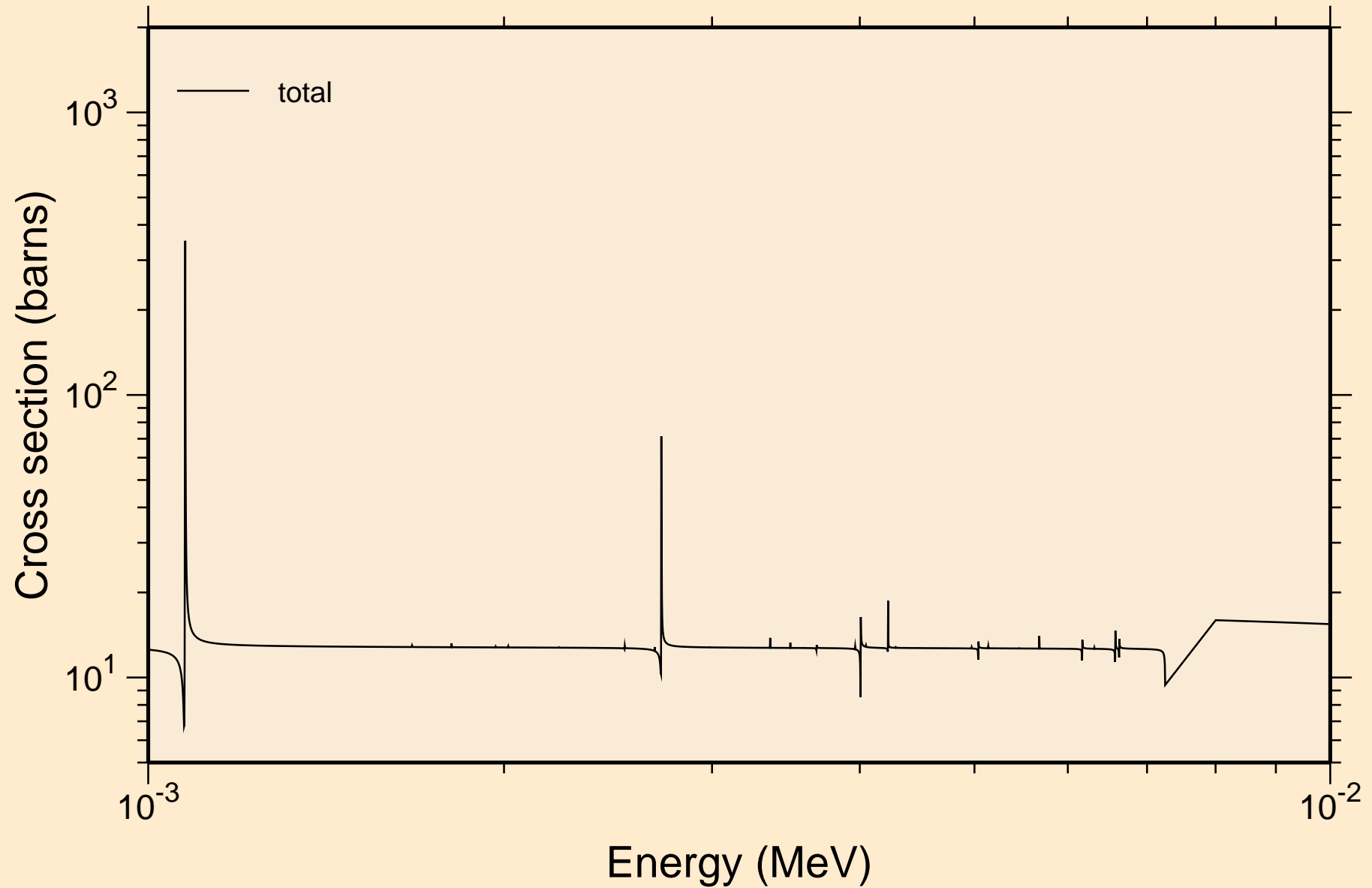
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



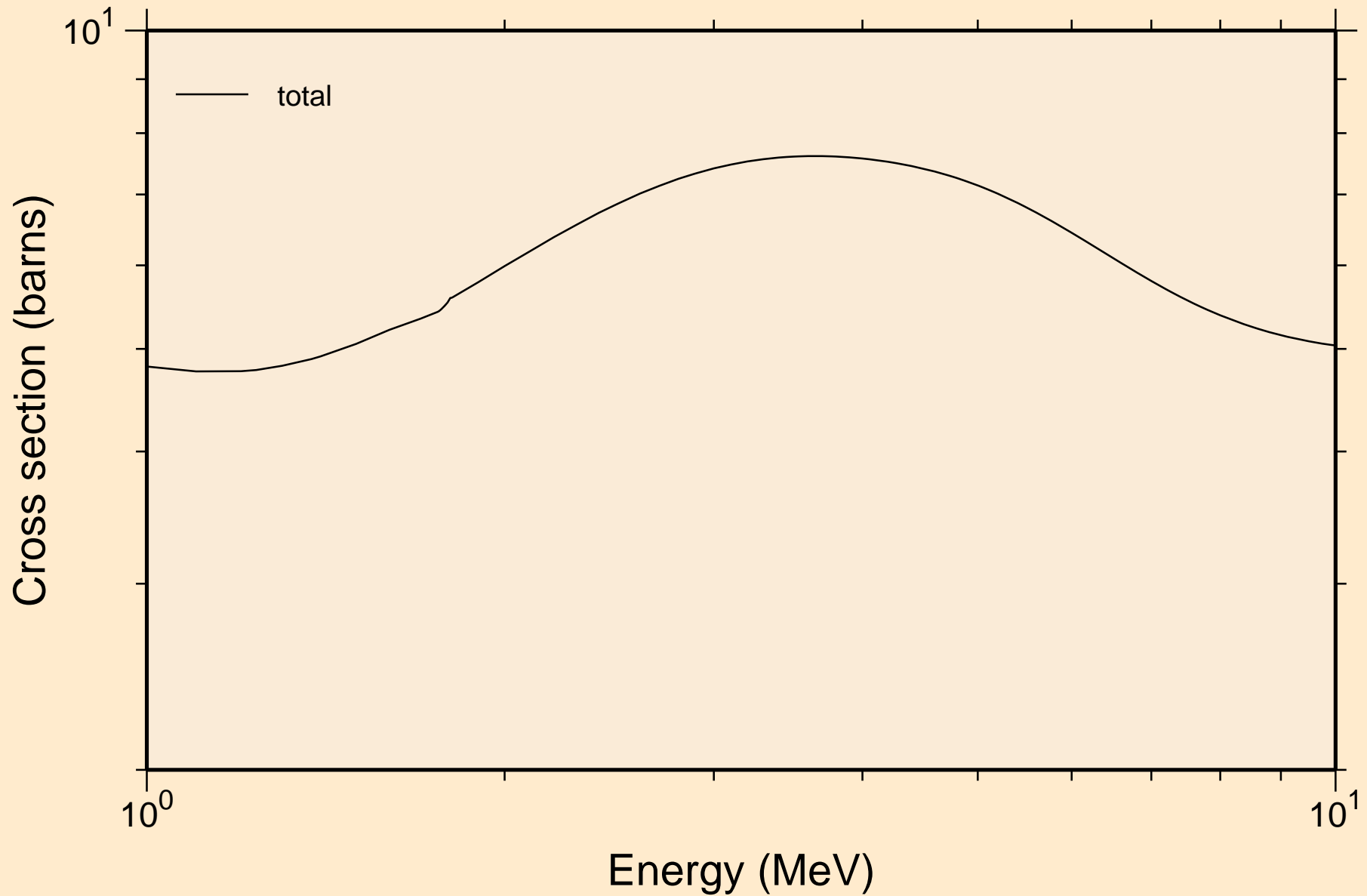
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



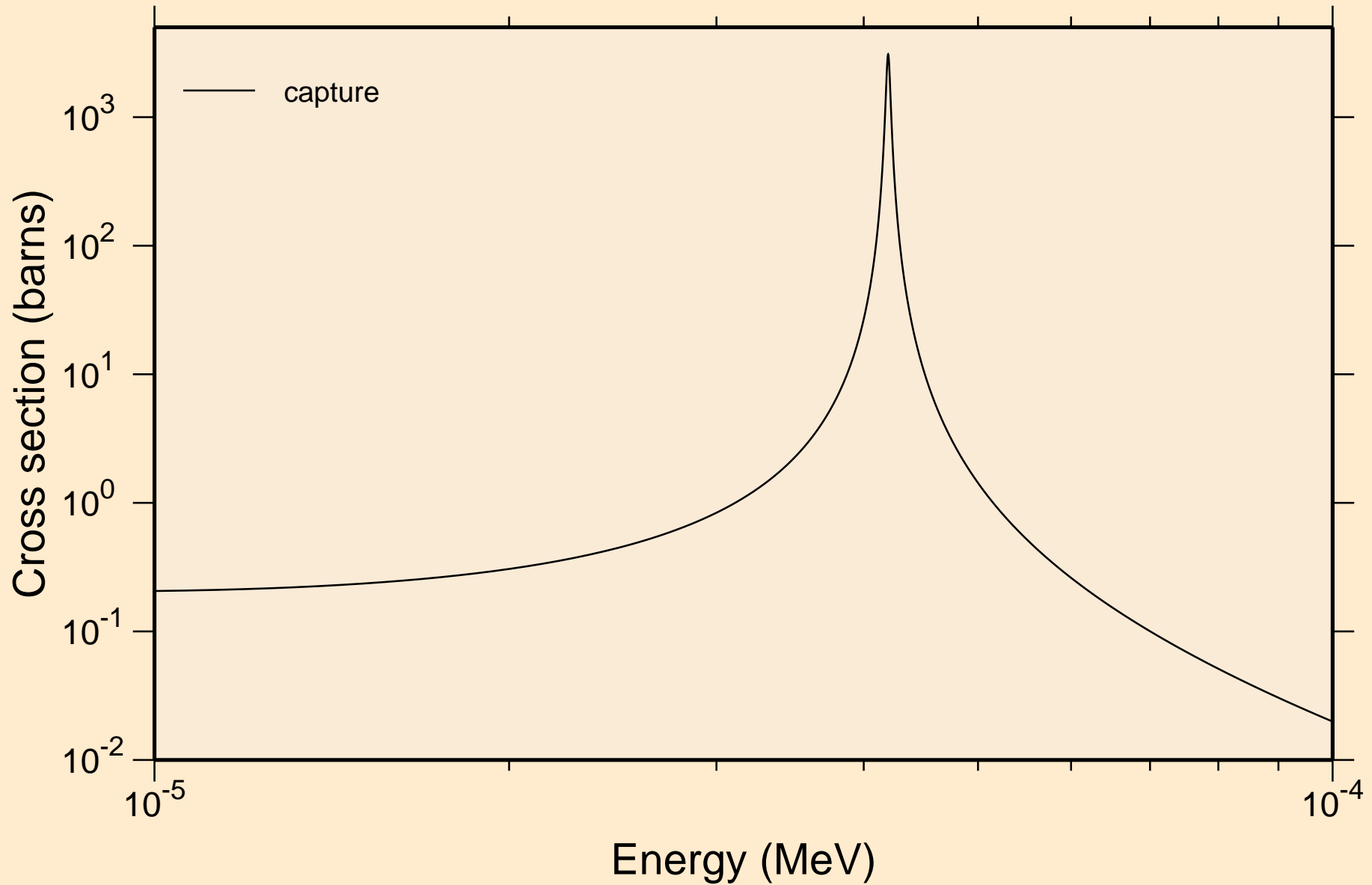
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



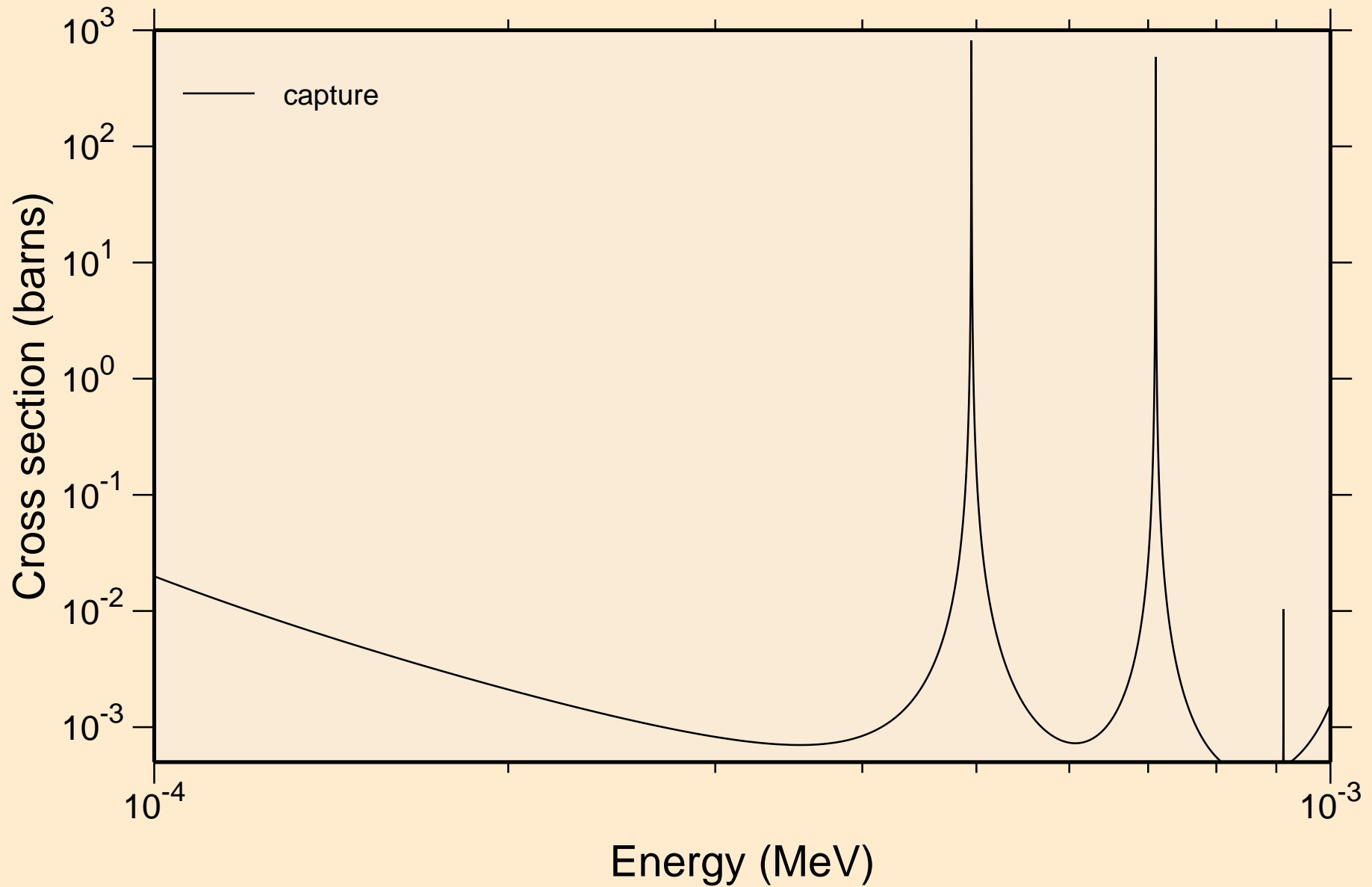
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



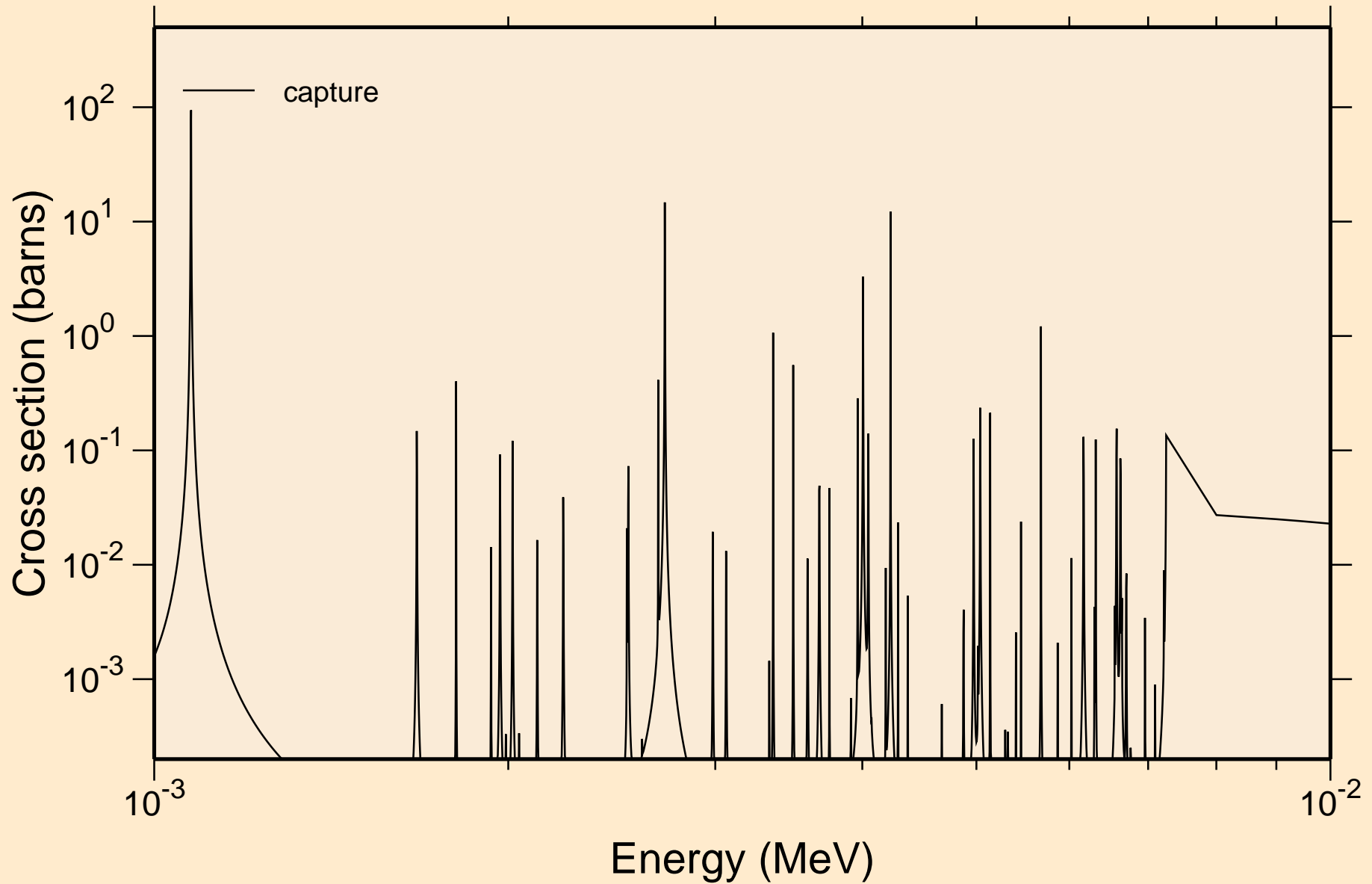
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

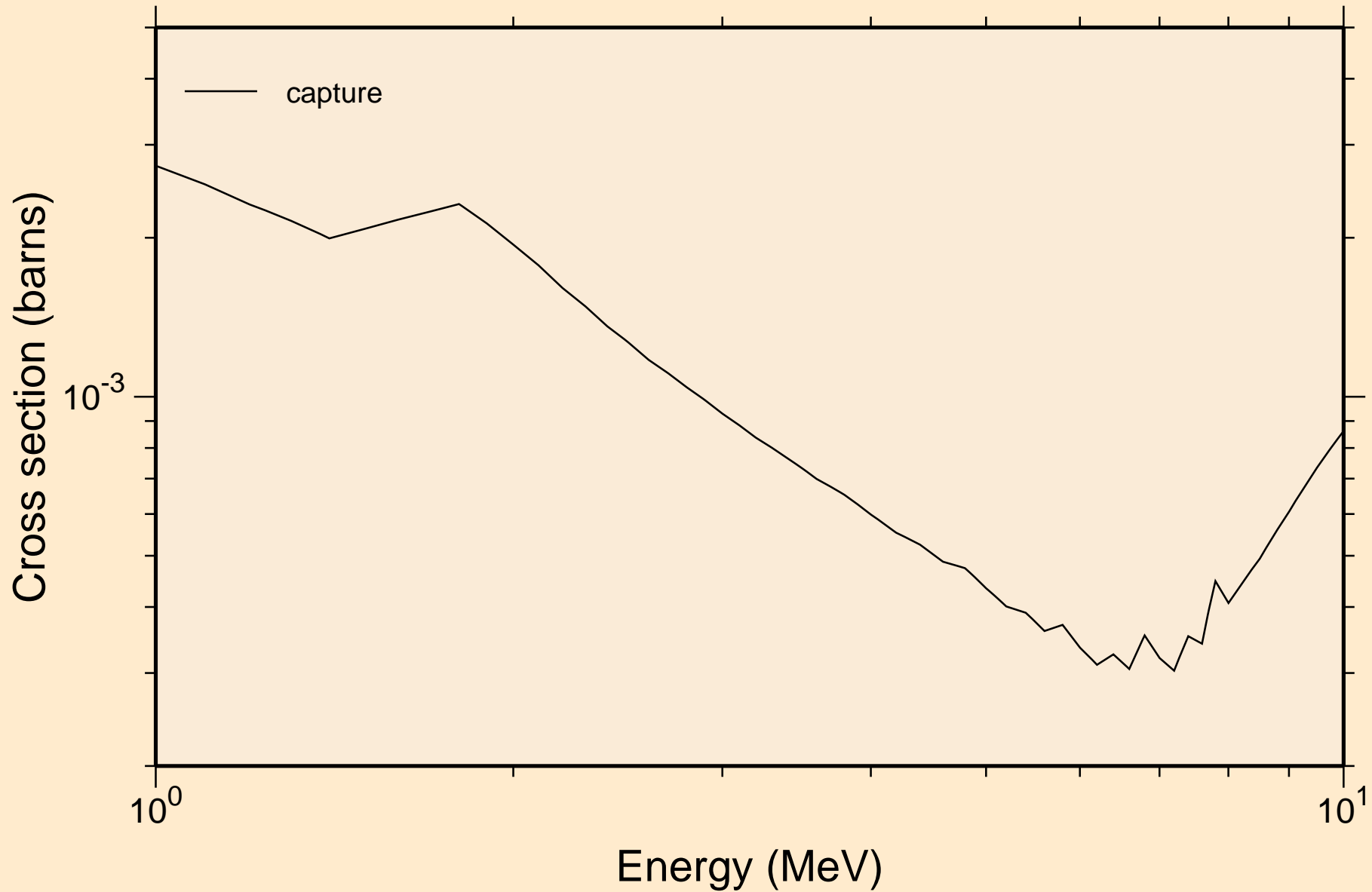


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

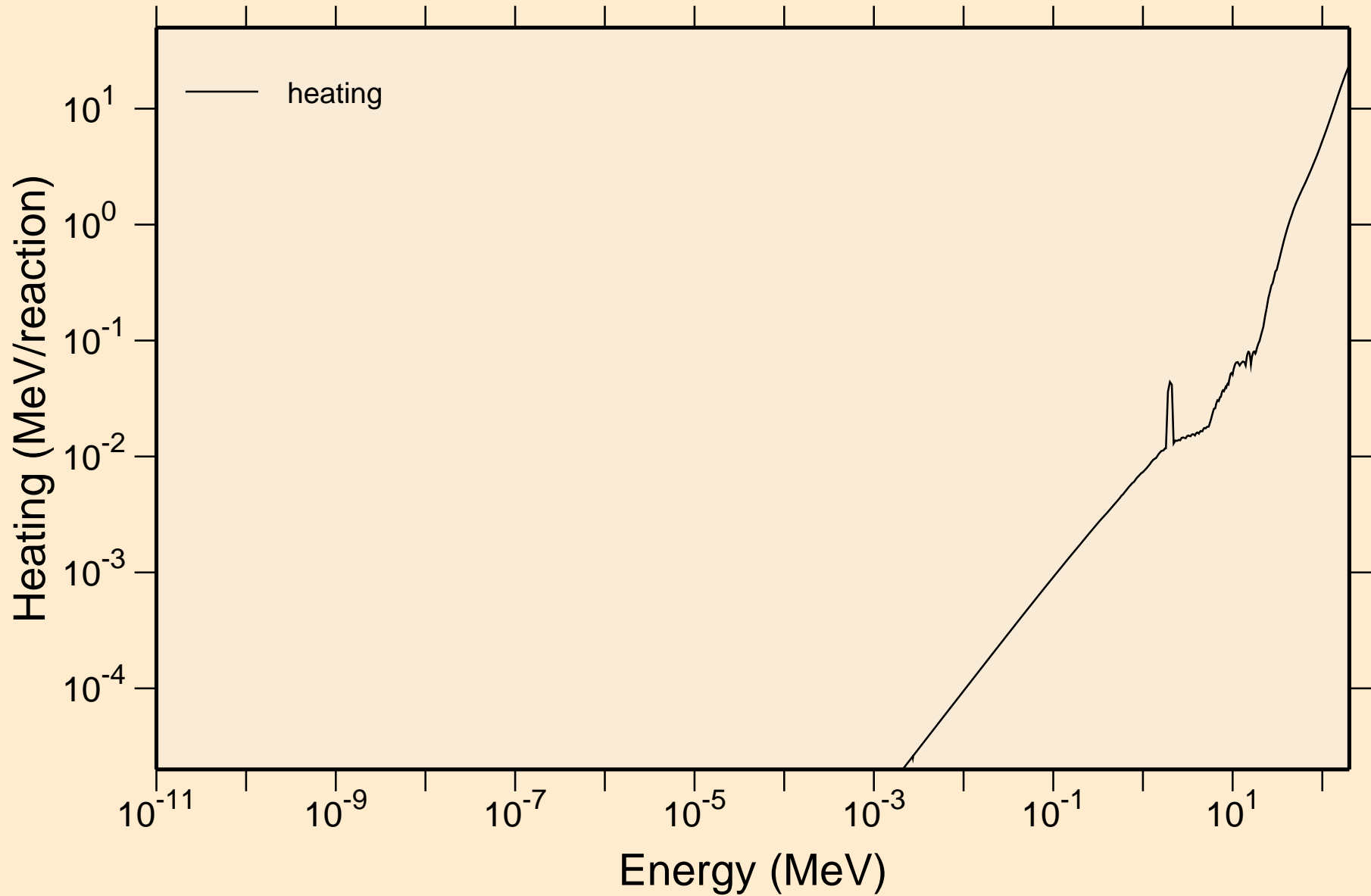




TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

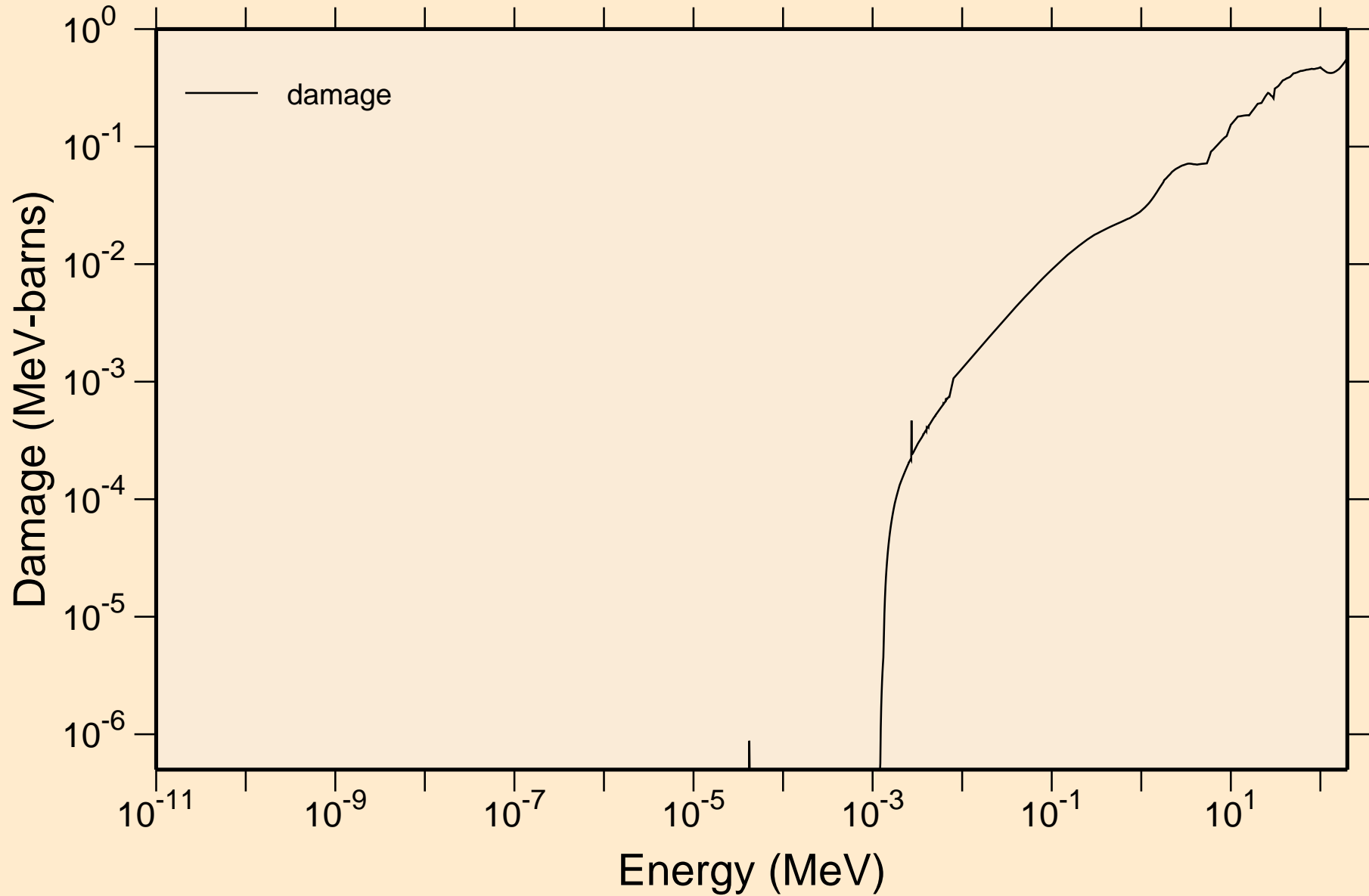


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

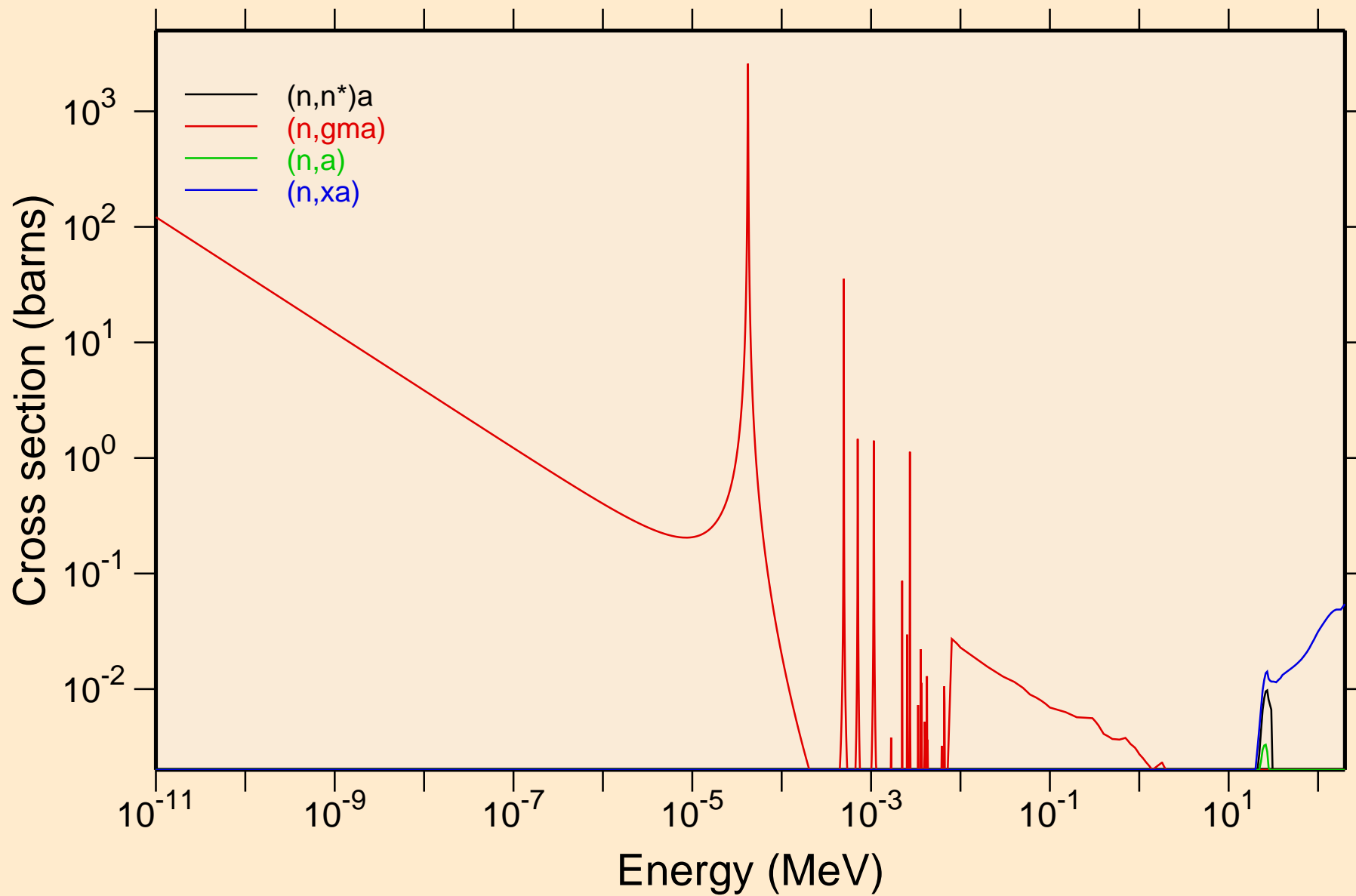


# TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

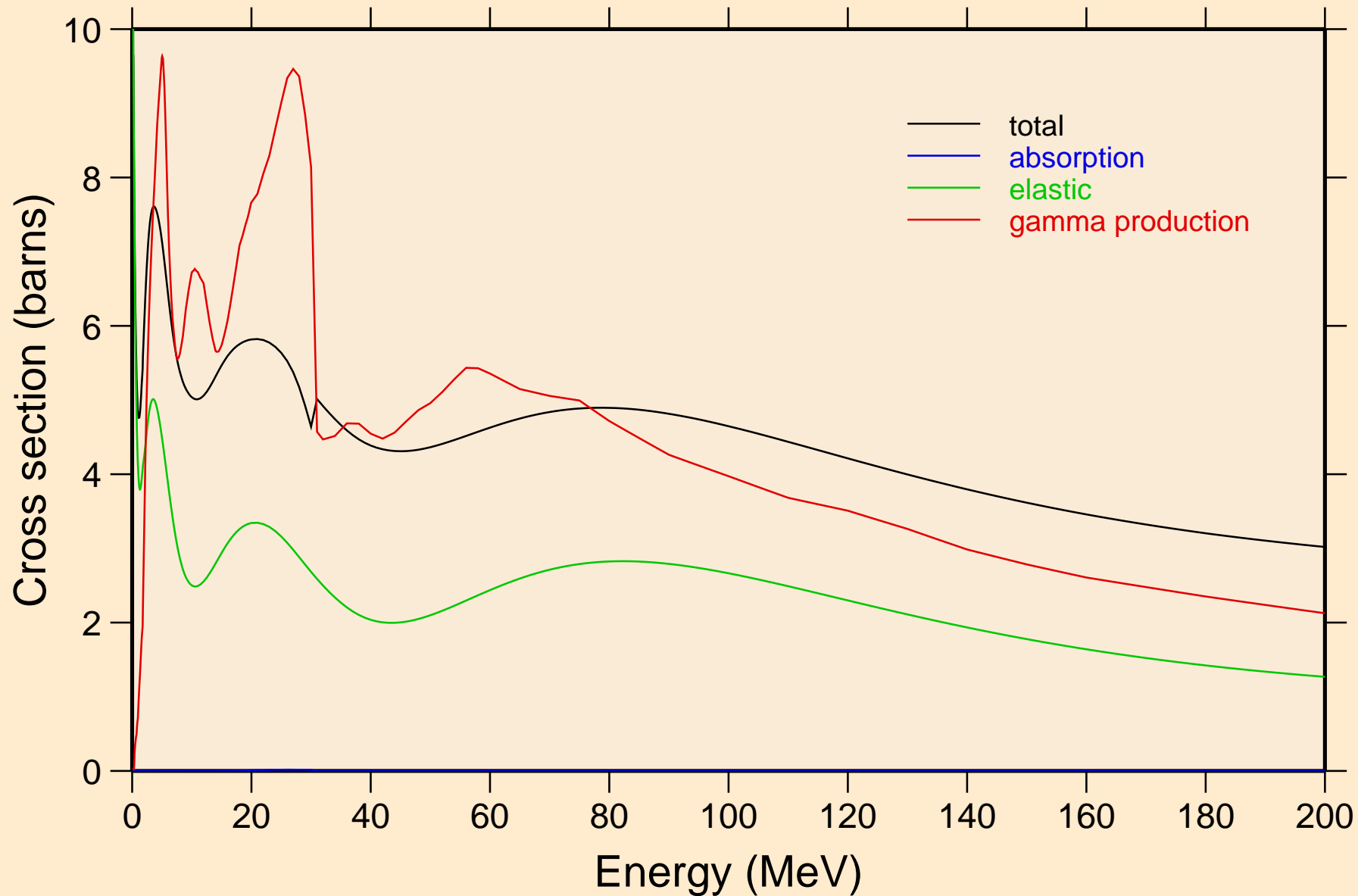
## Damage



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

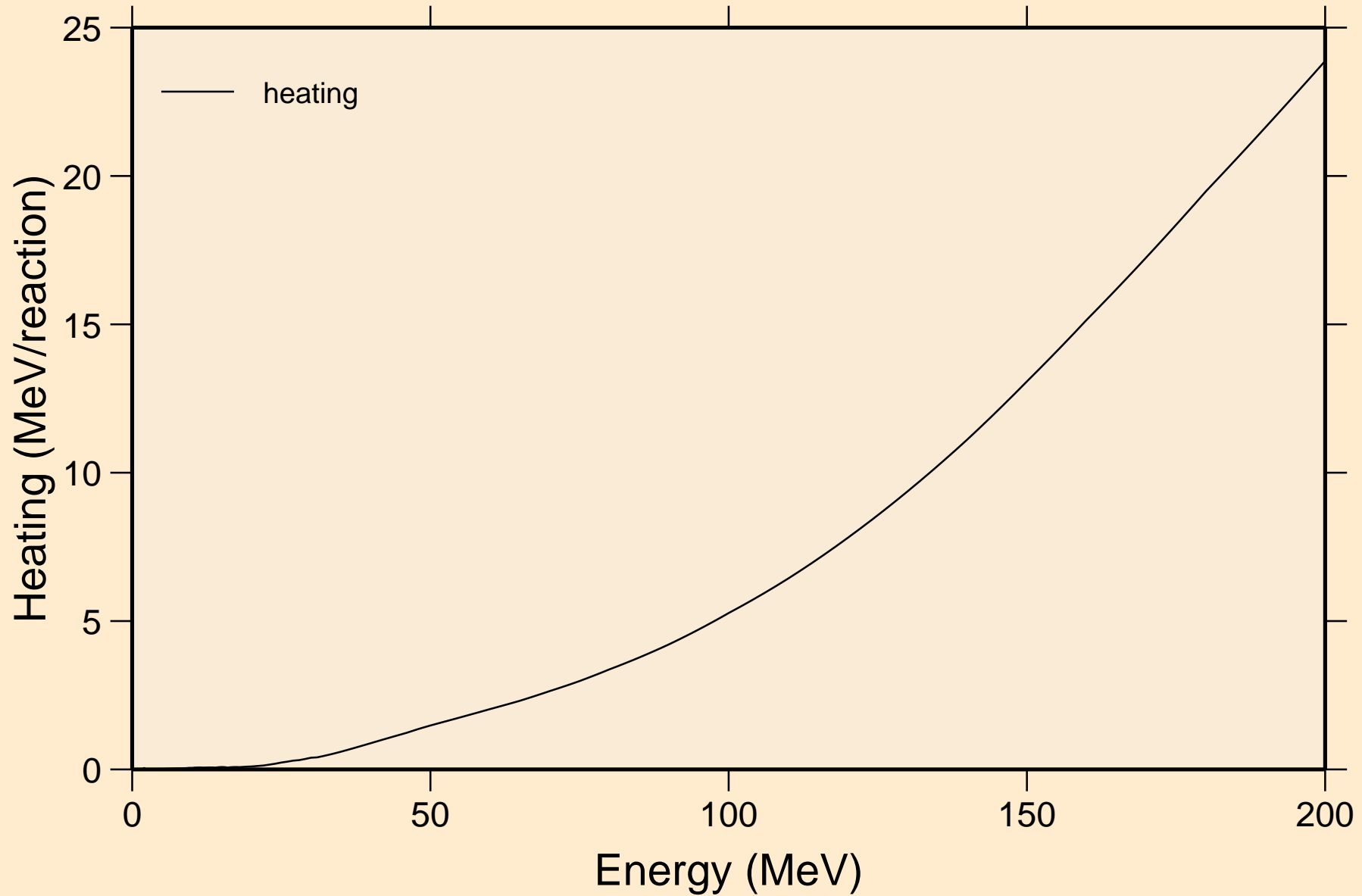


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

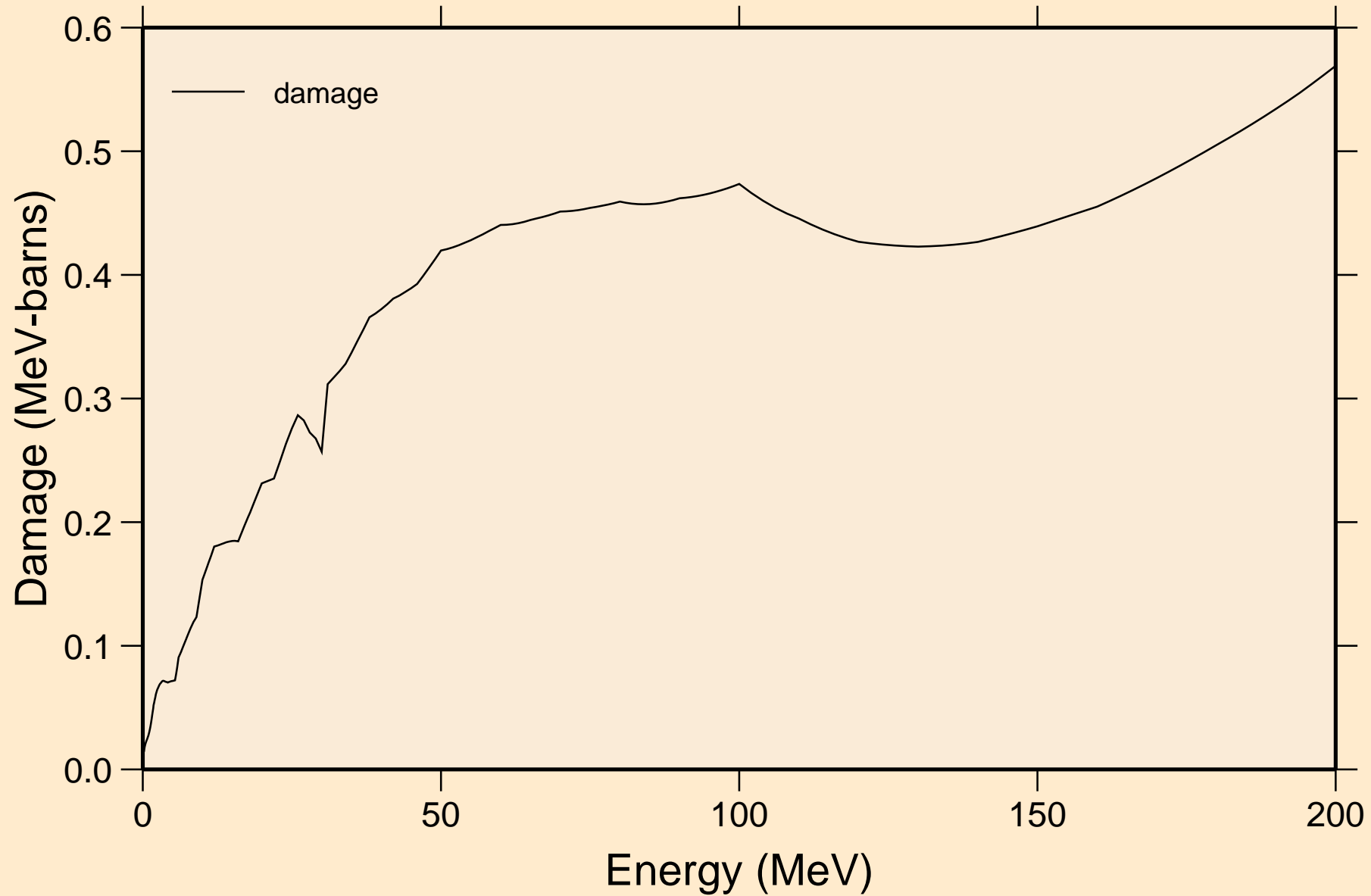


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

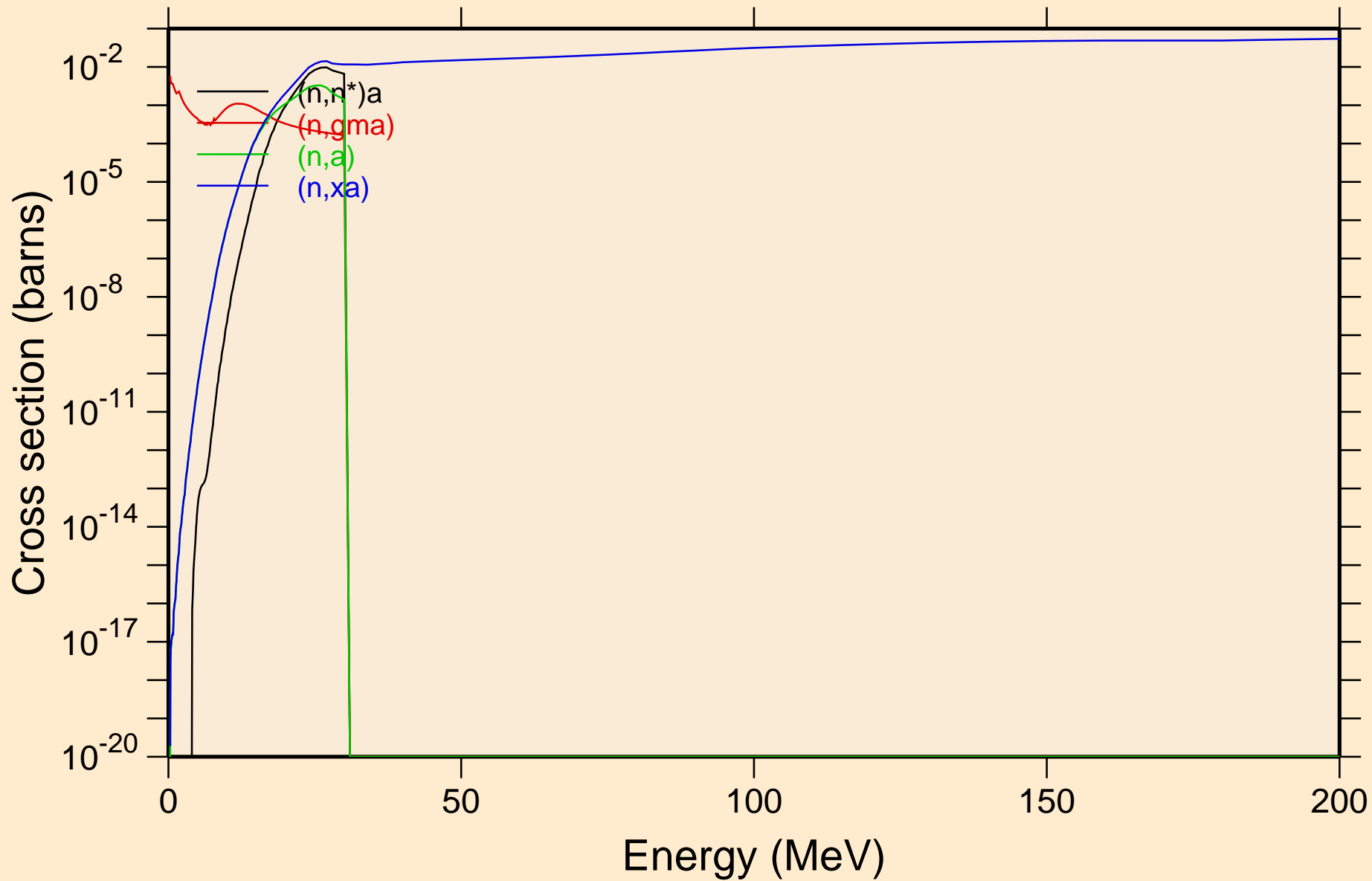
Heating



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

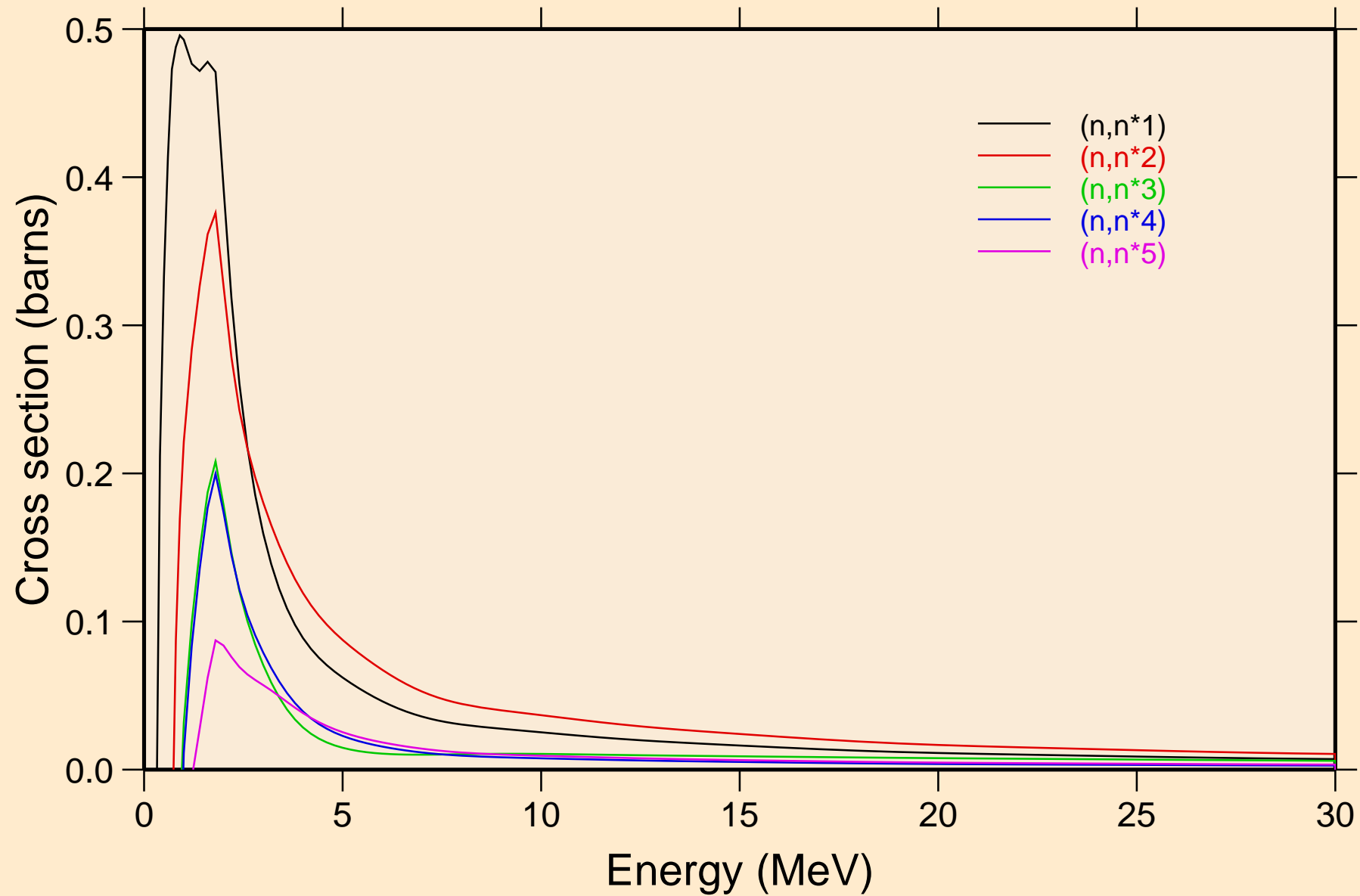


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

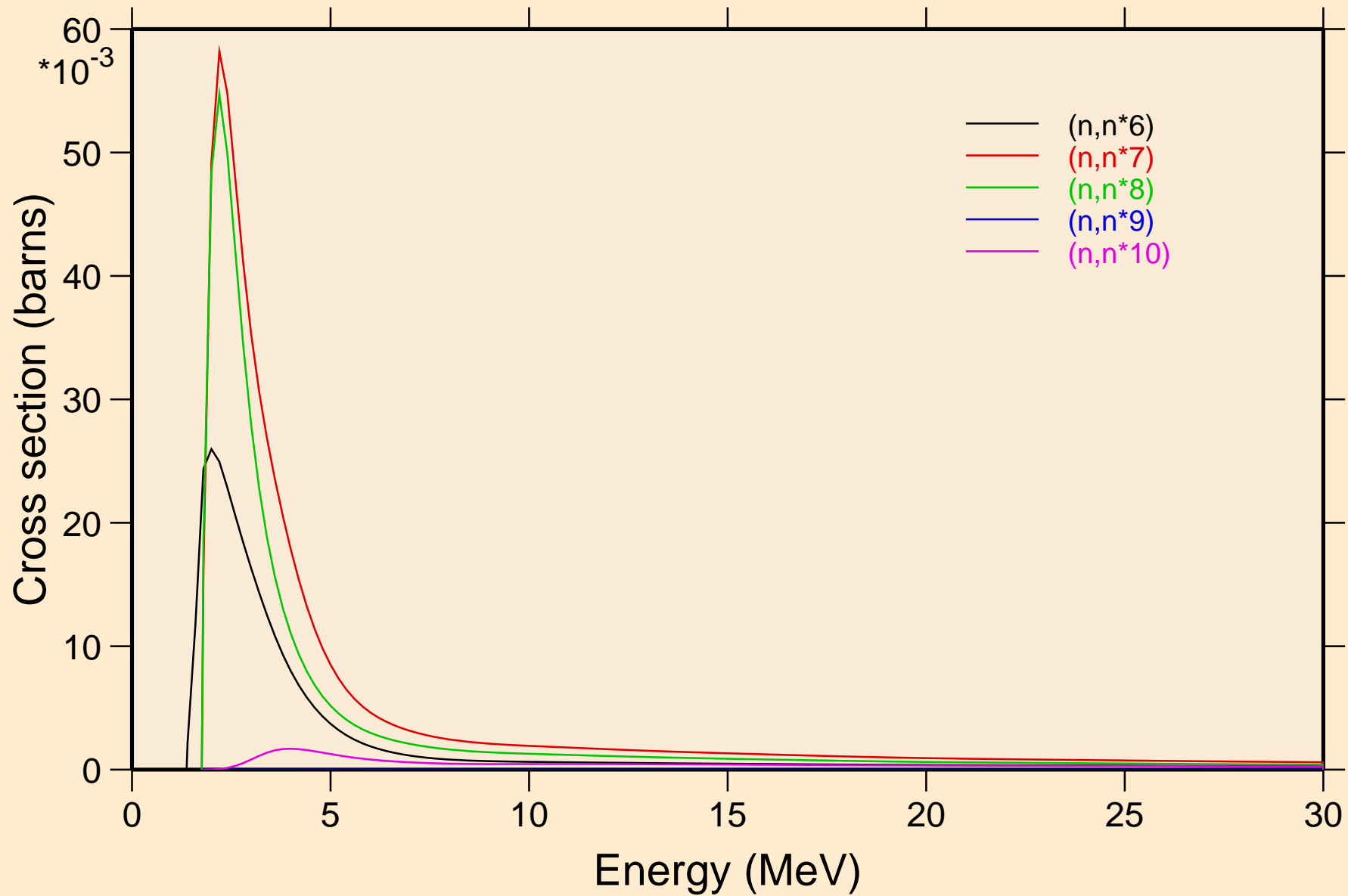




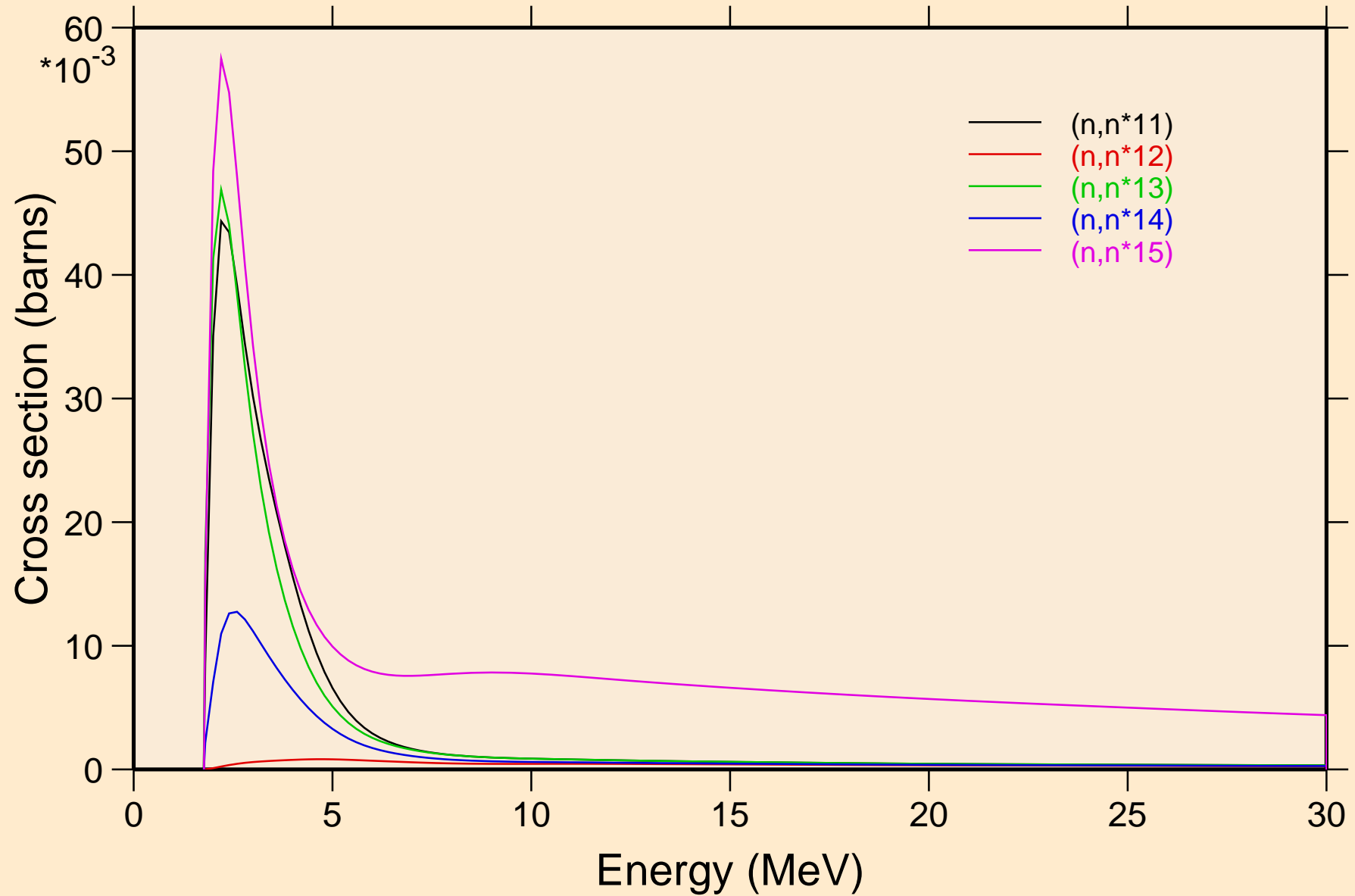
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



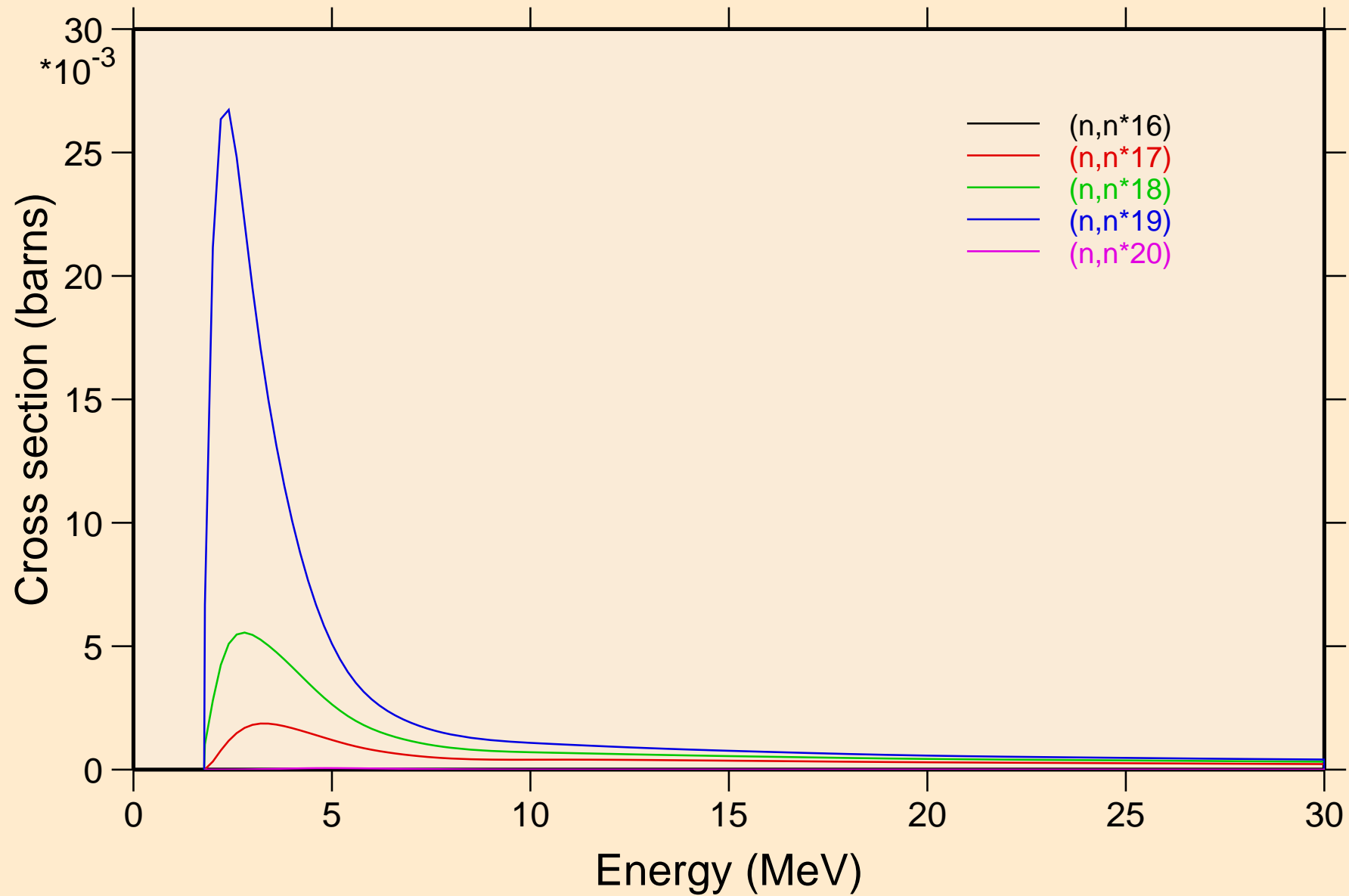
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



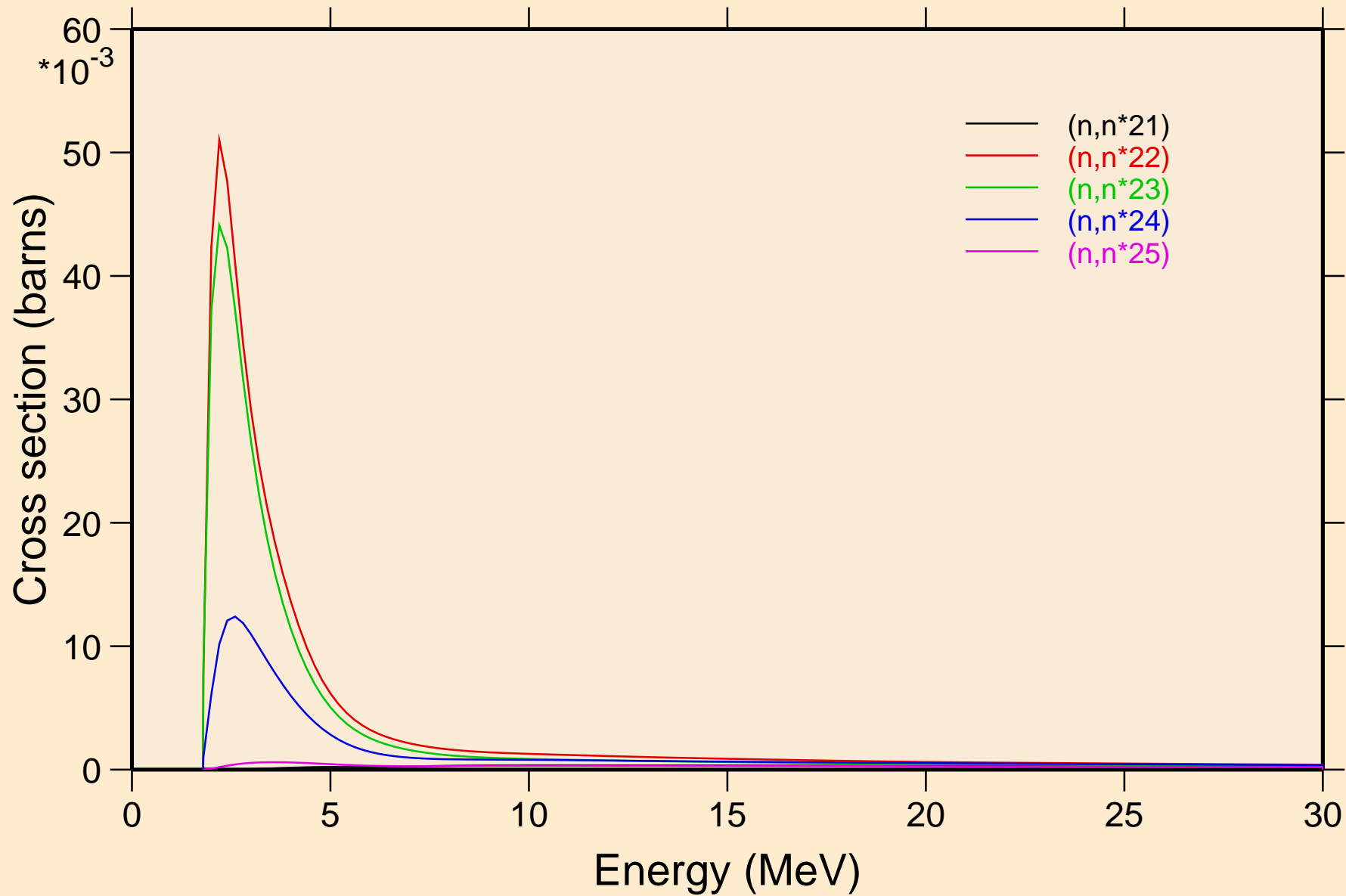
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



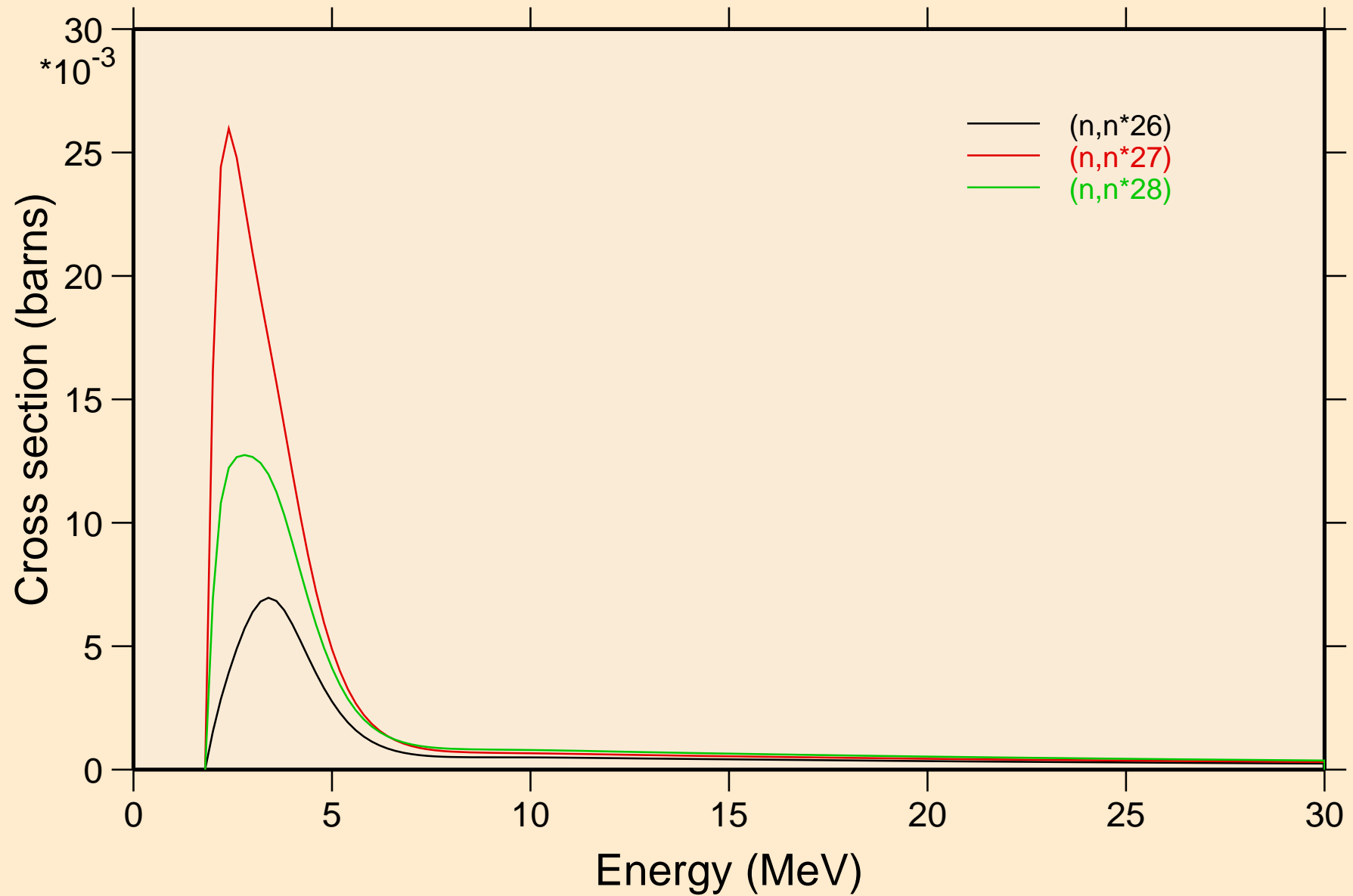
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



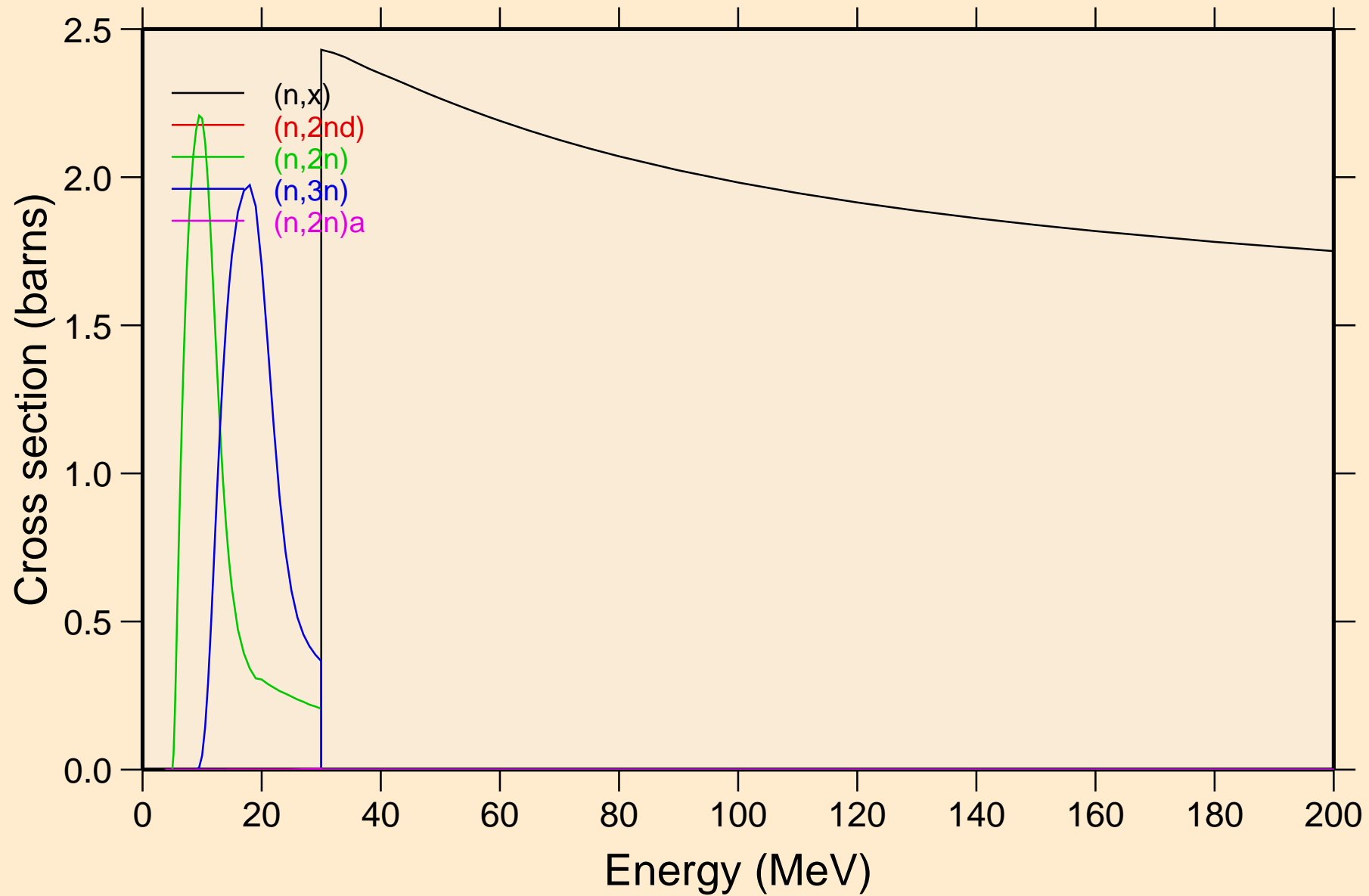
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



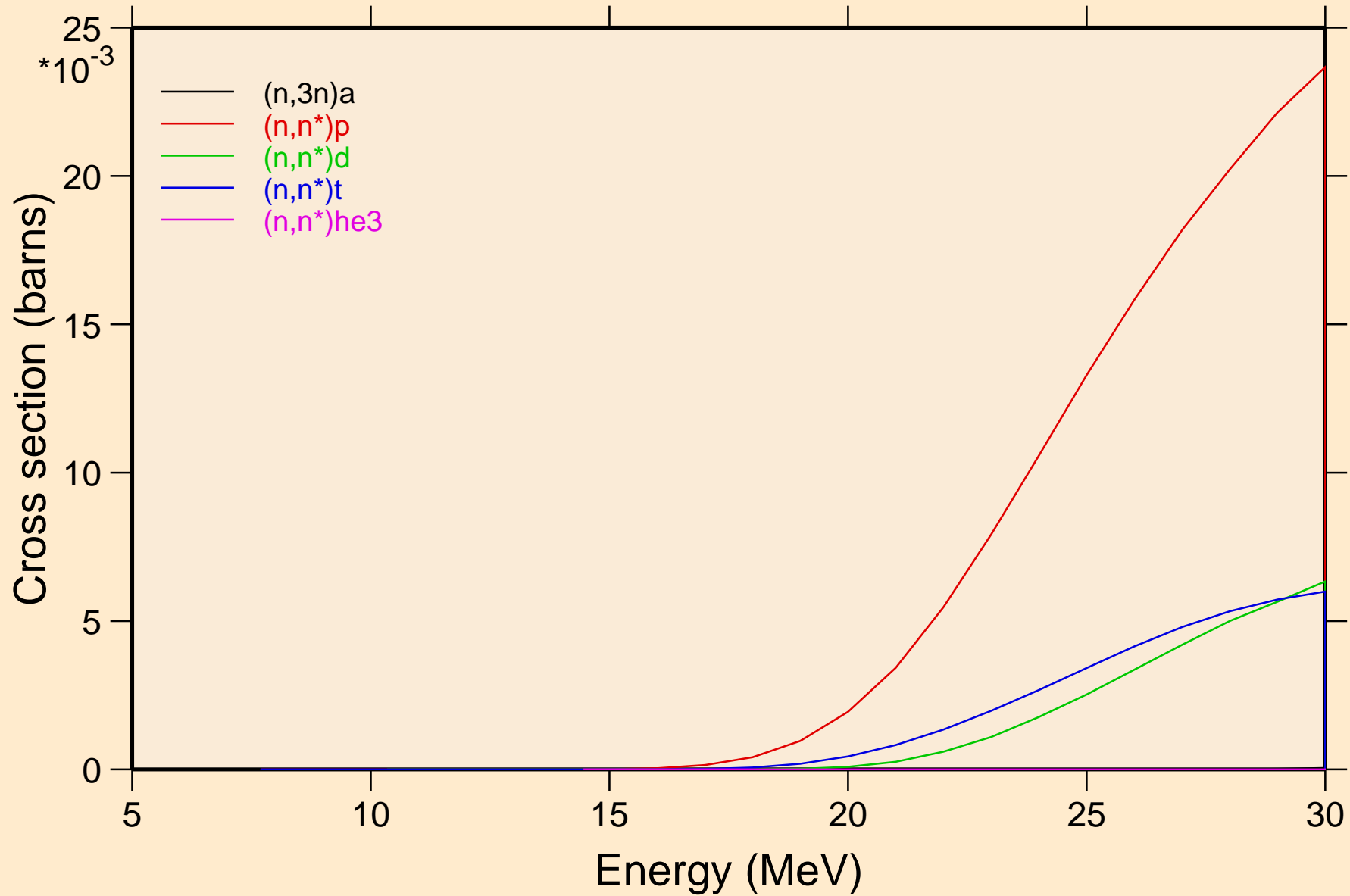
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

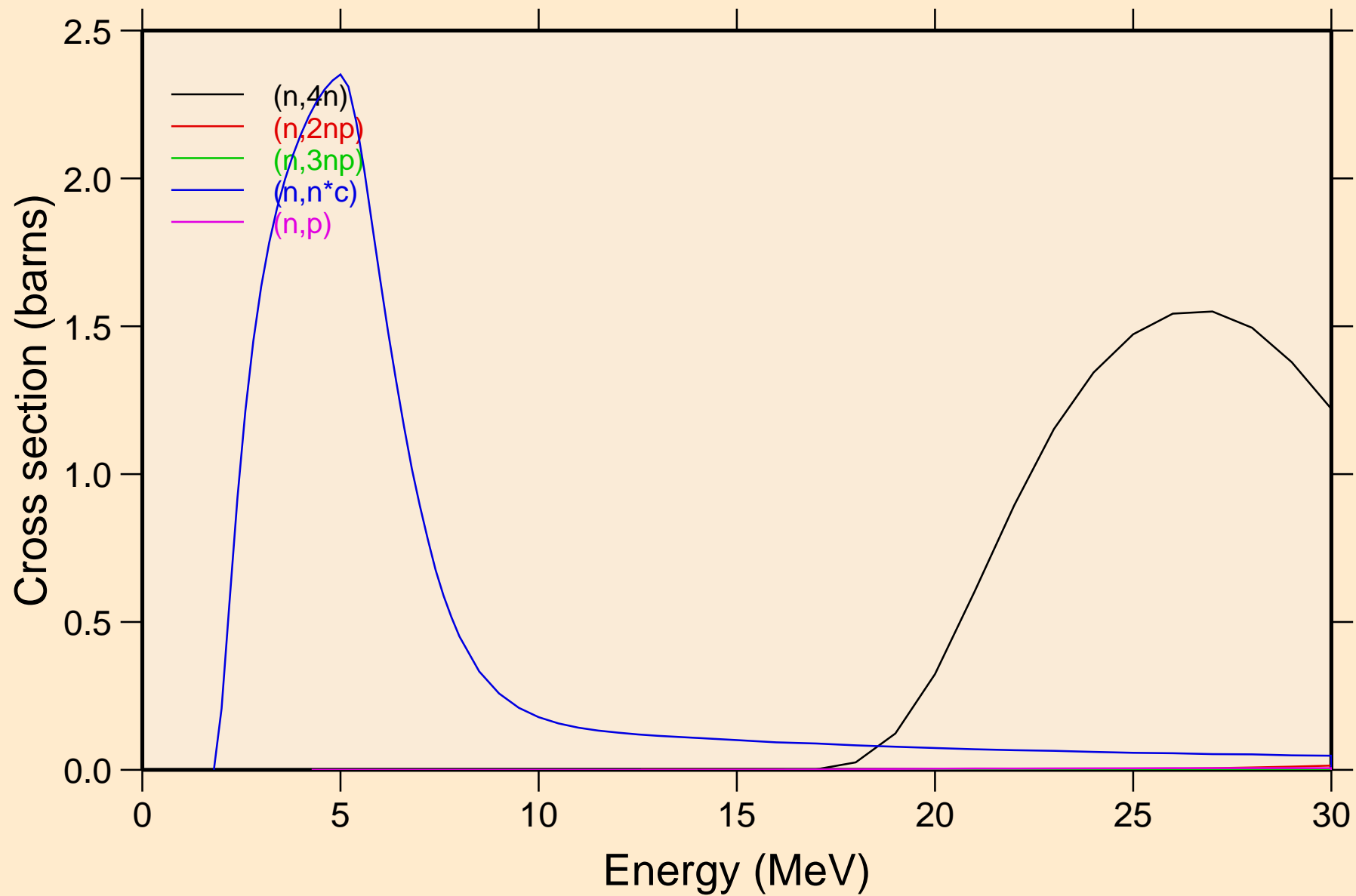


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

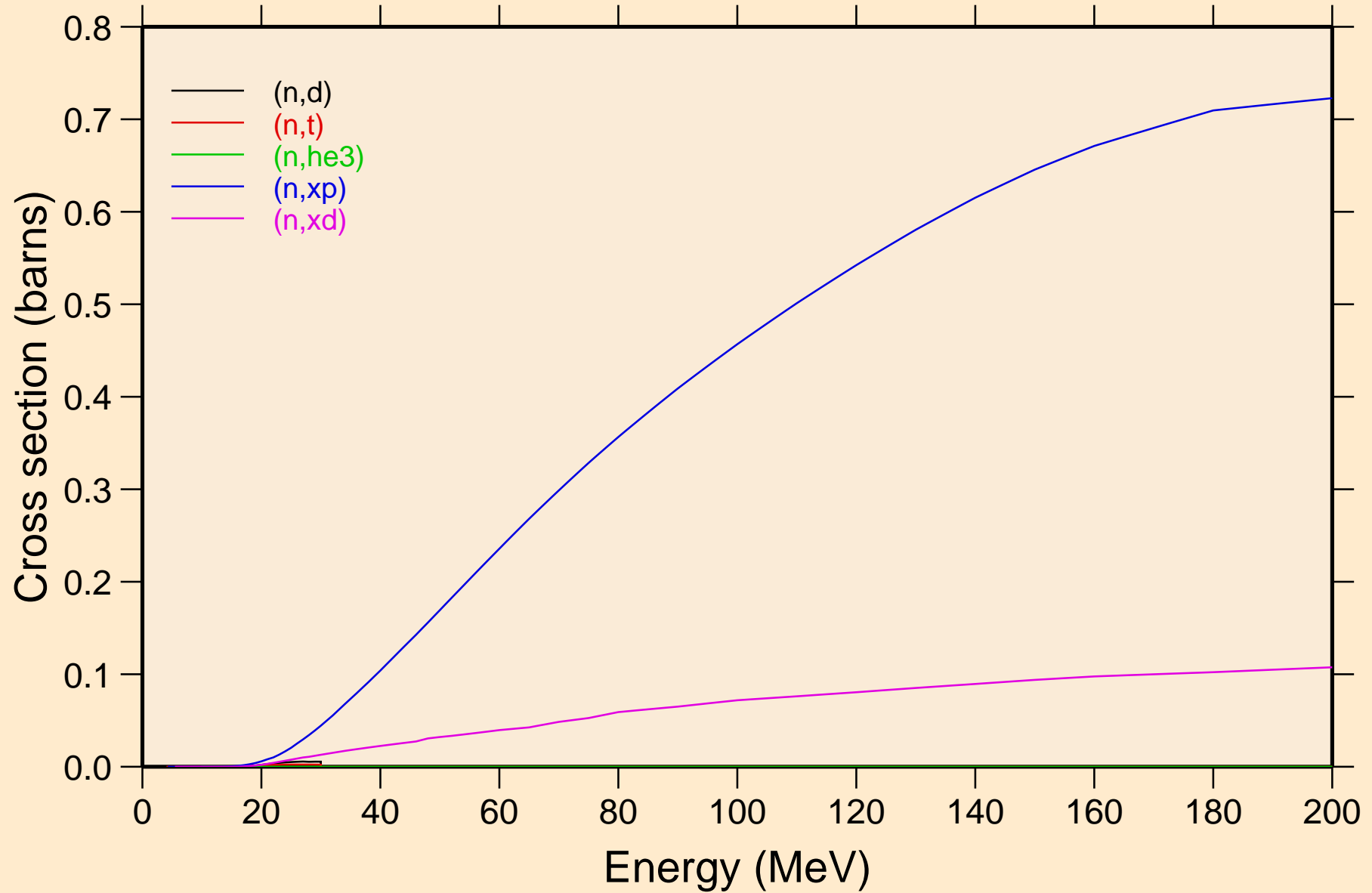




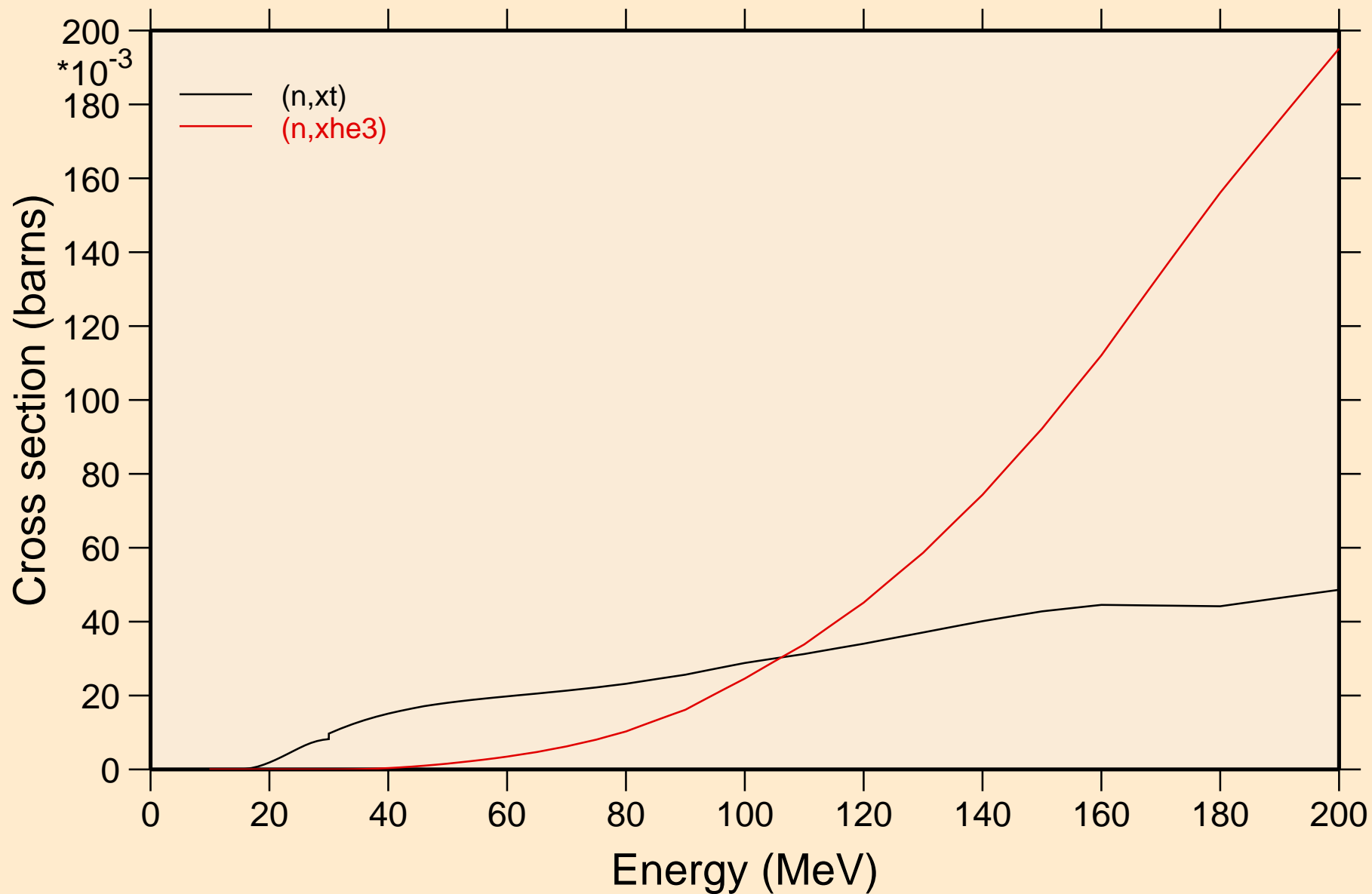
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



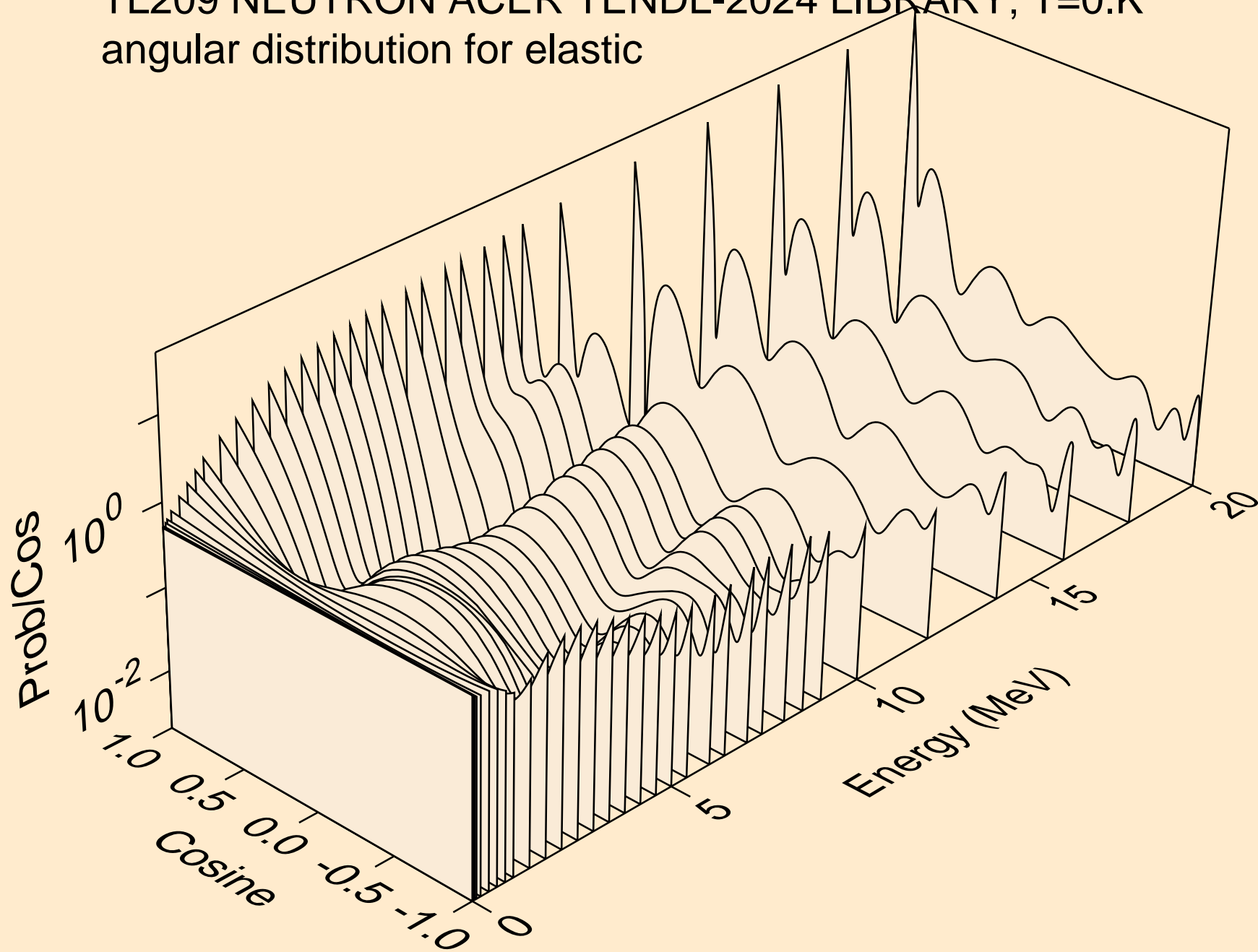
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



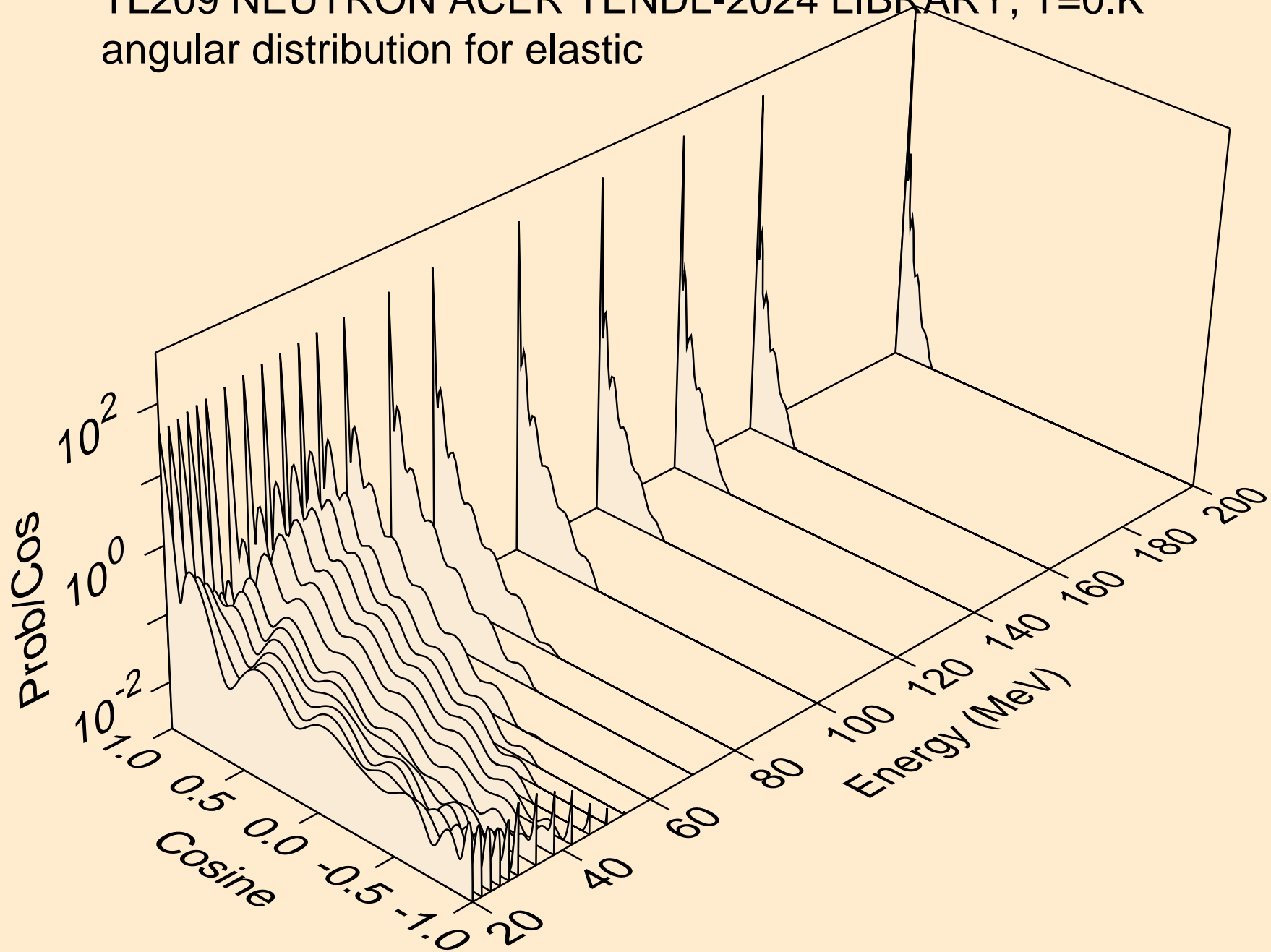
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



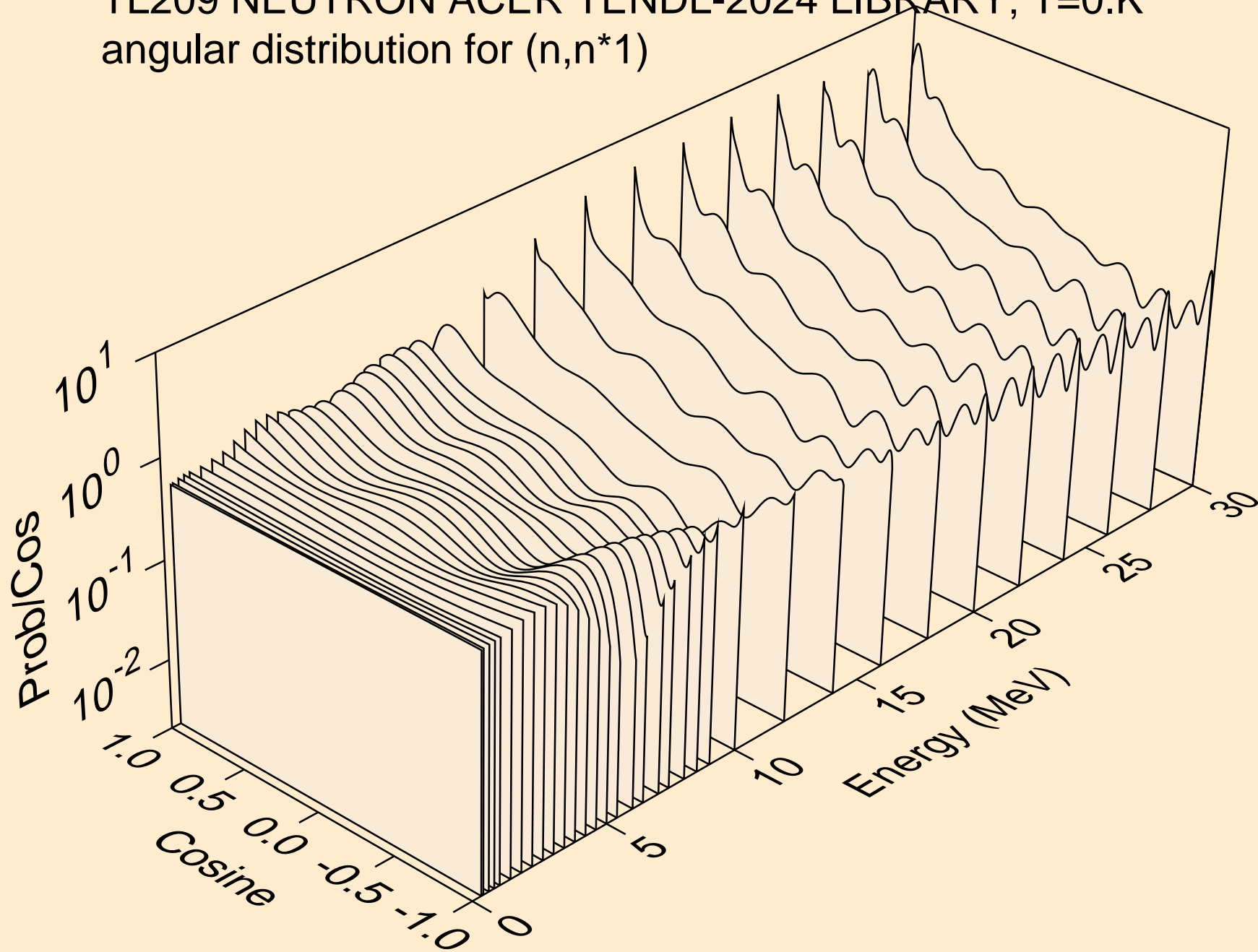
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



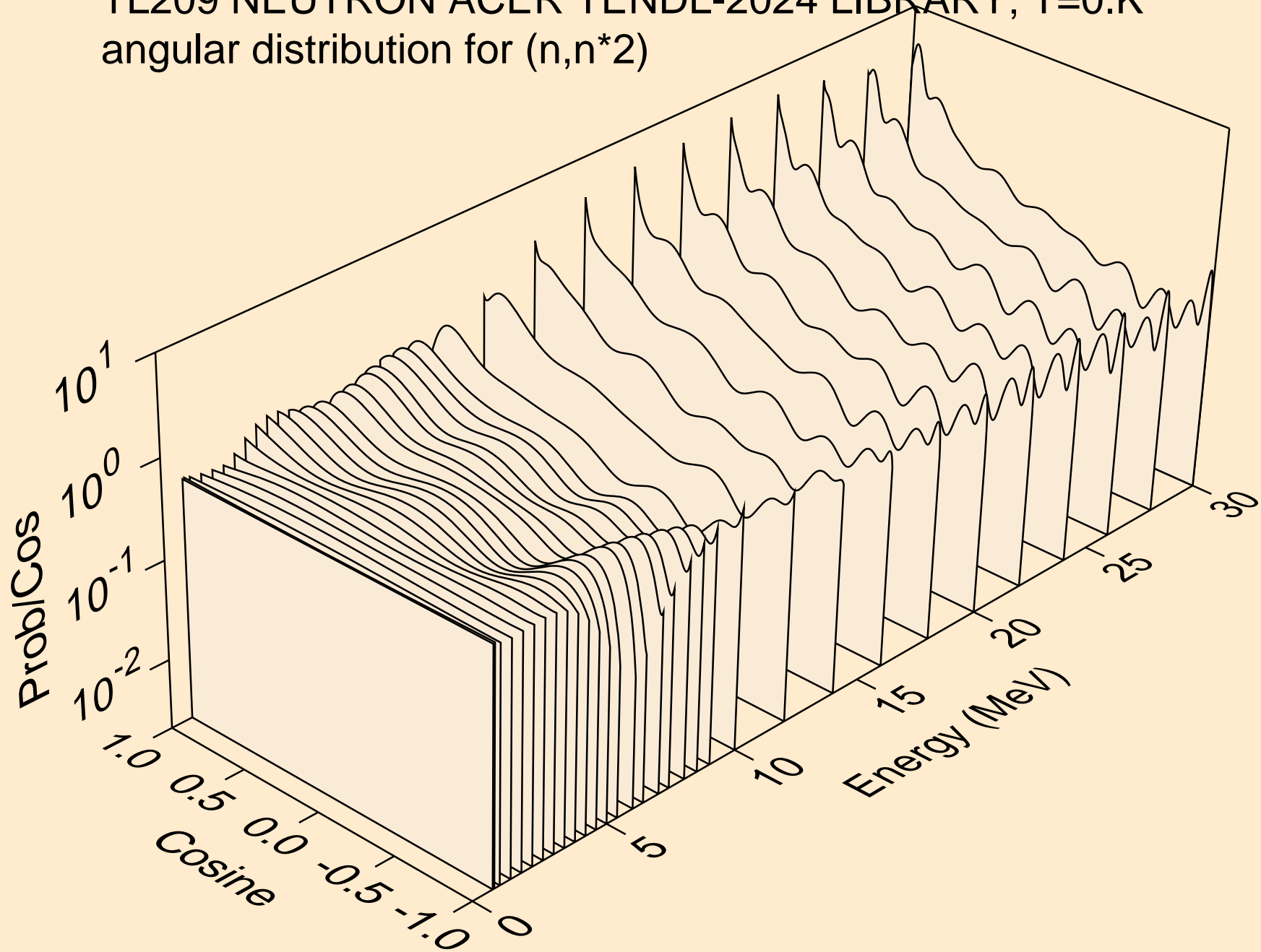
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



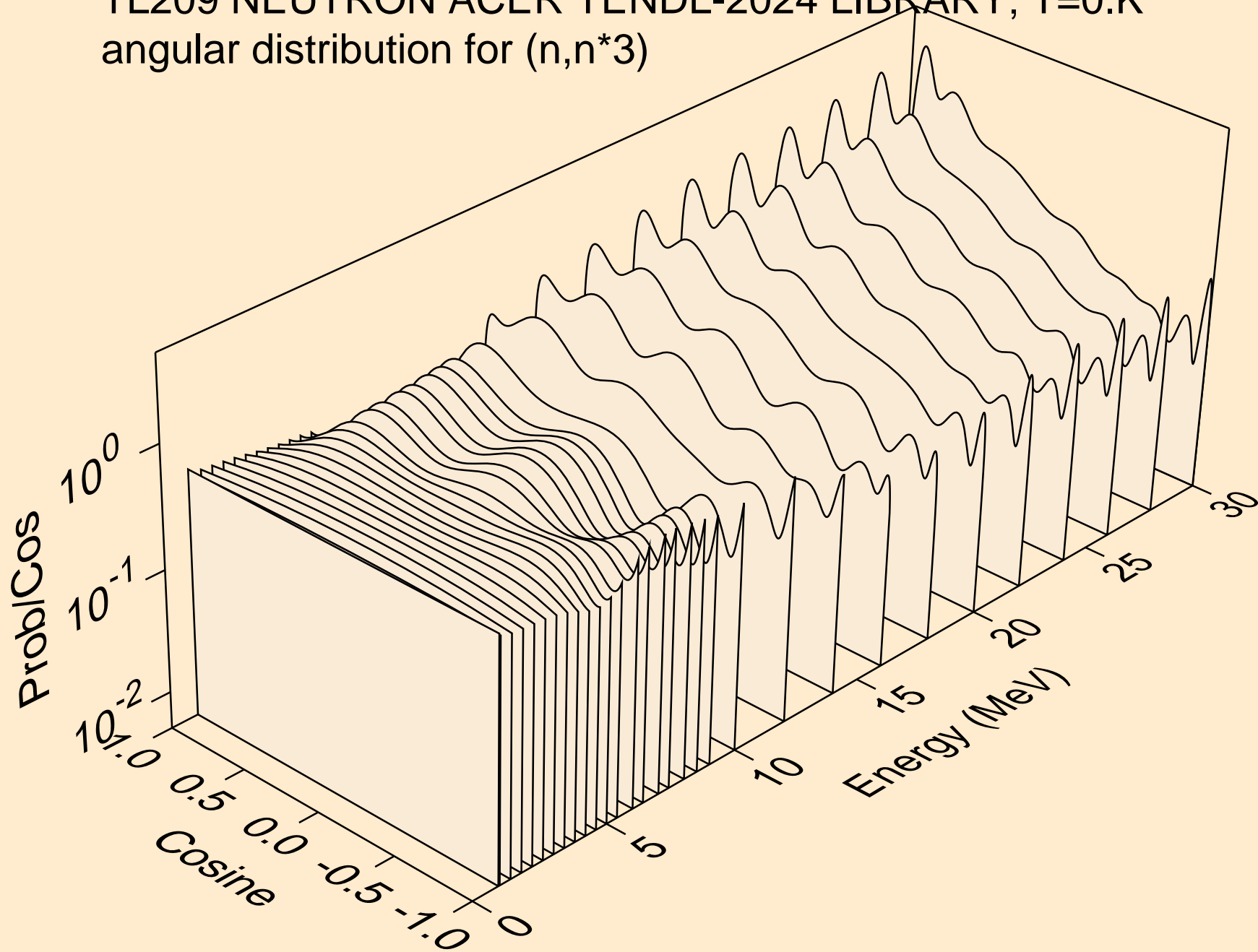
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

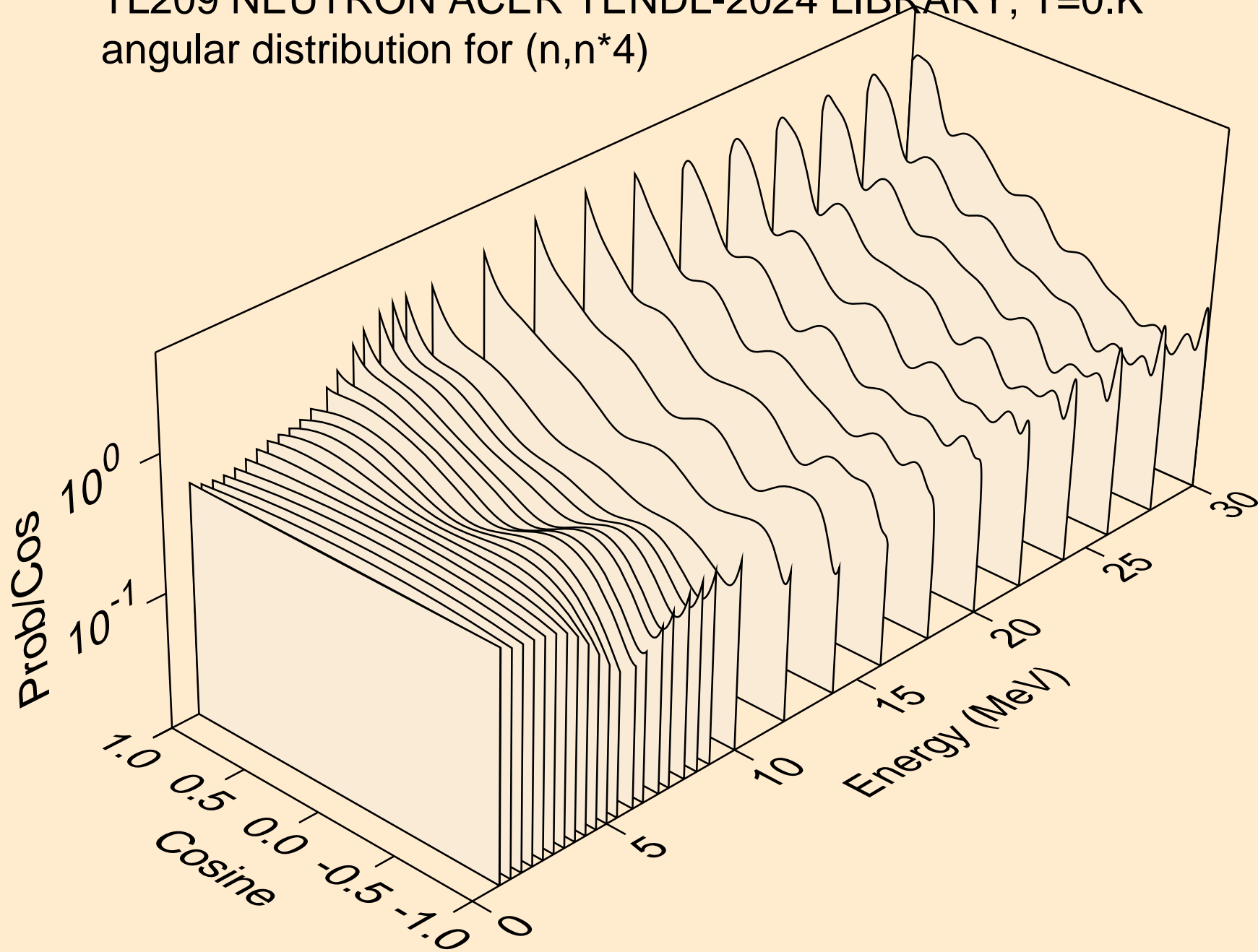


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

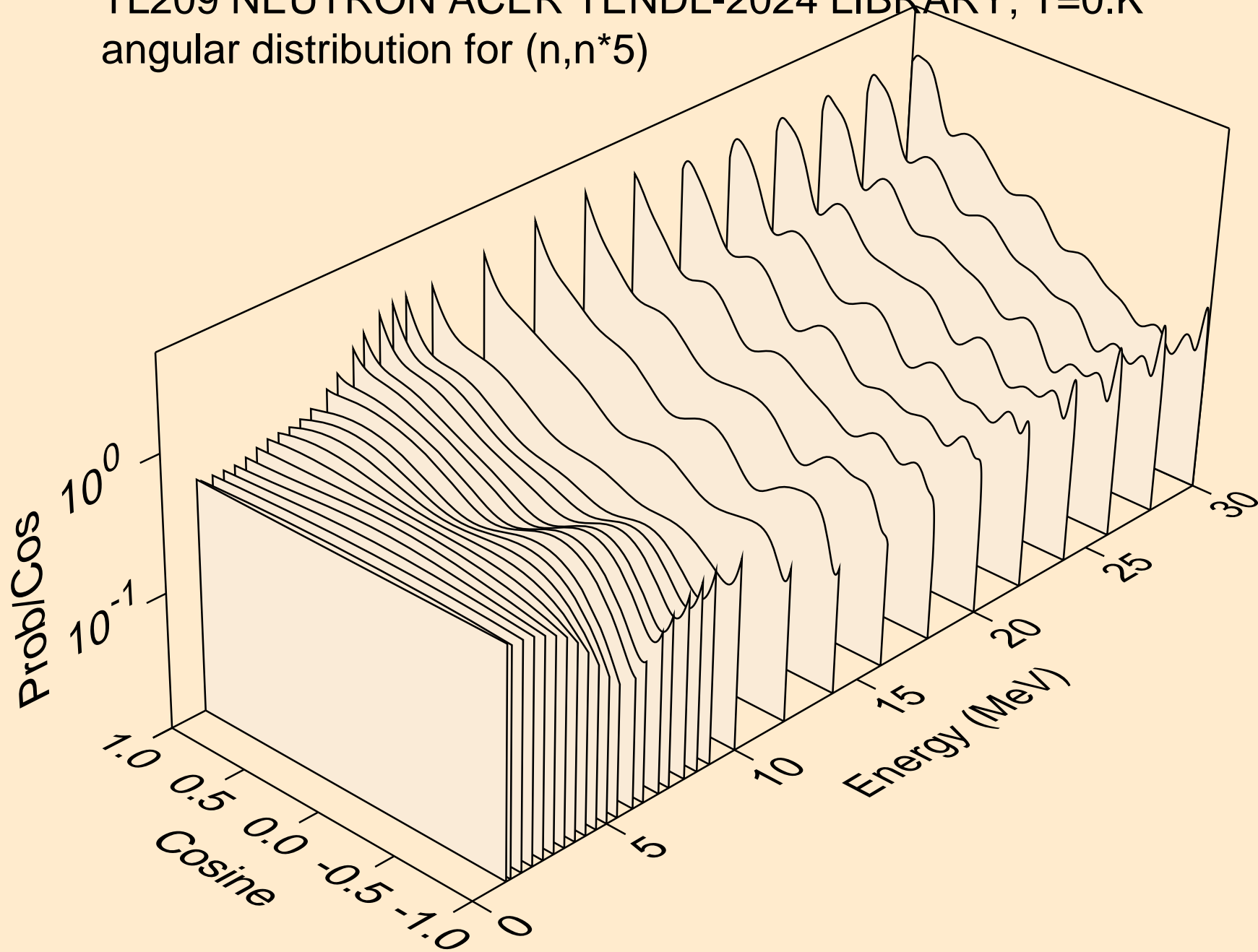




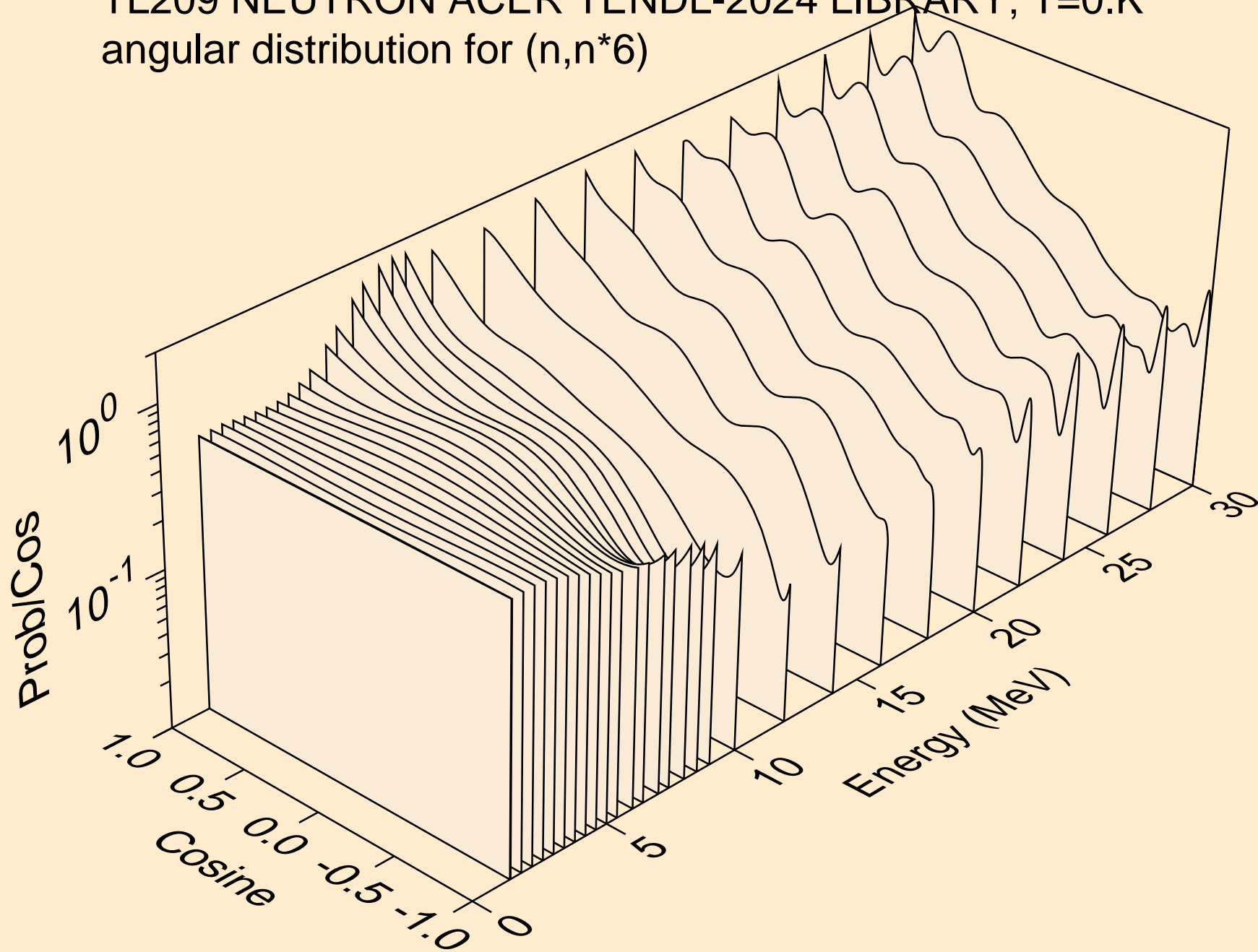
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



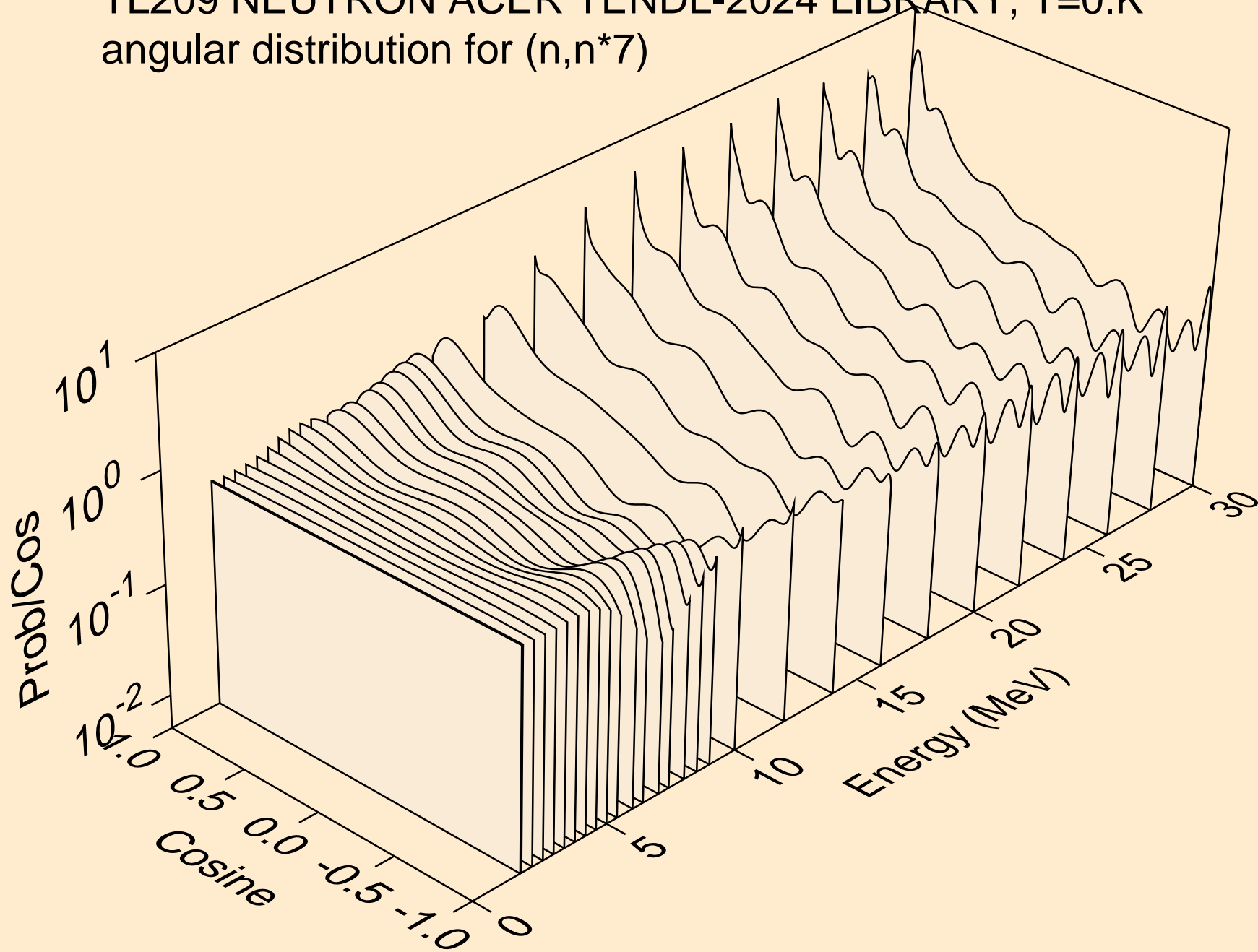
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



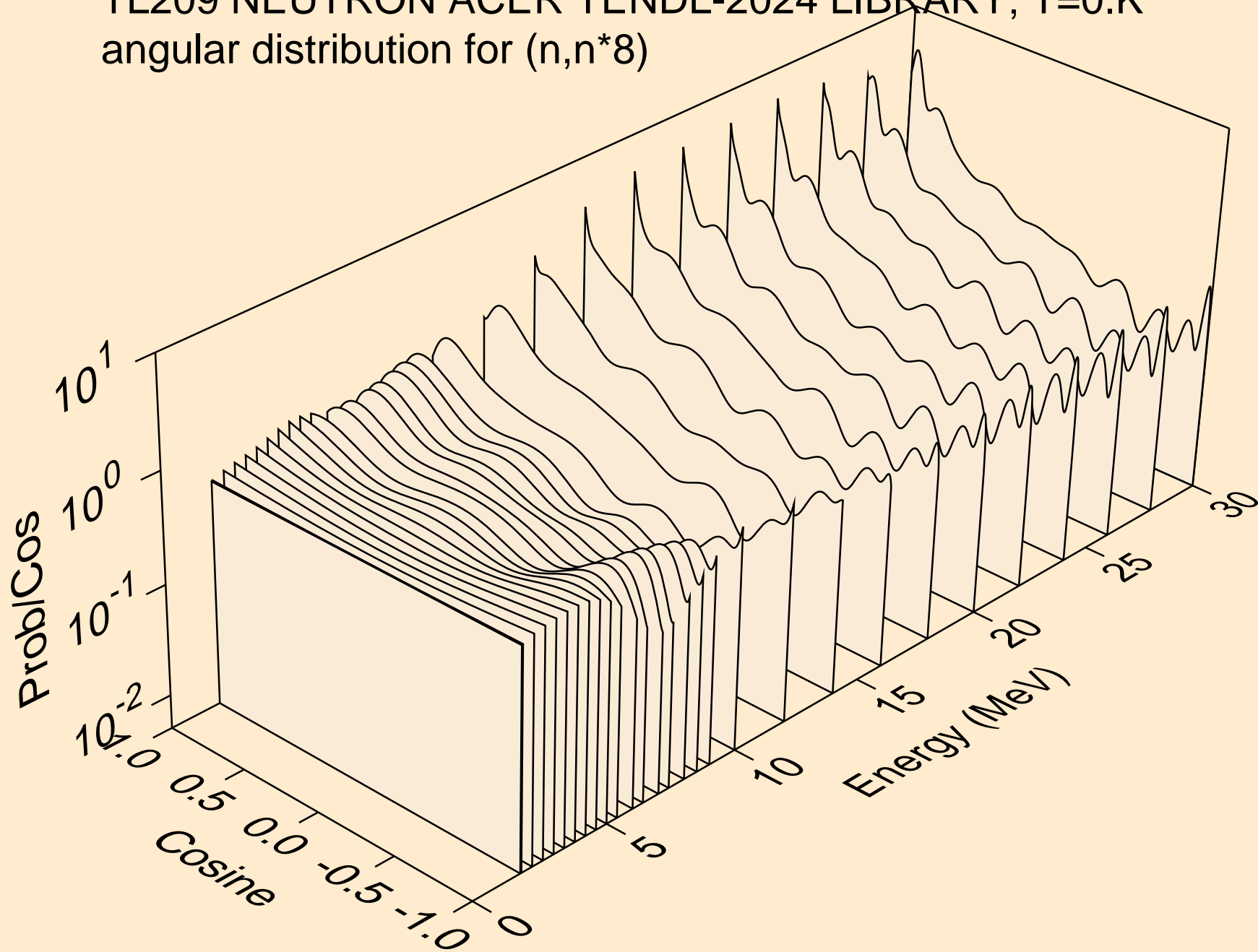
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



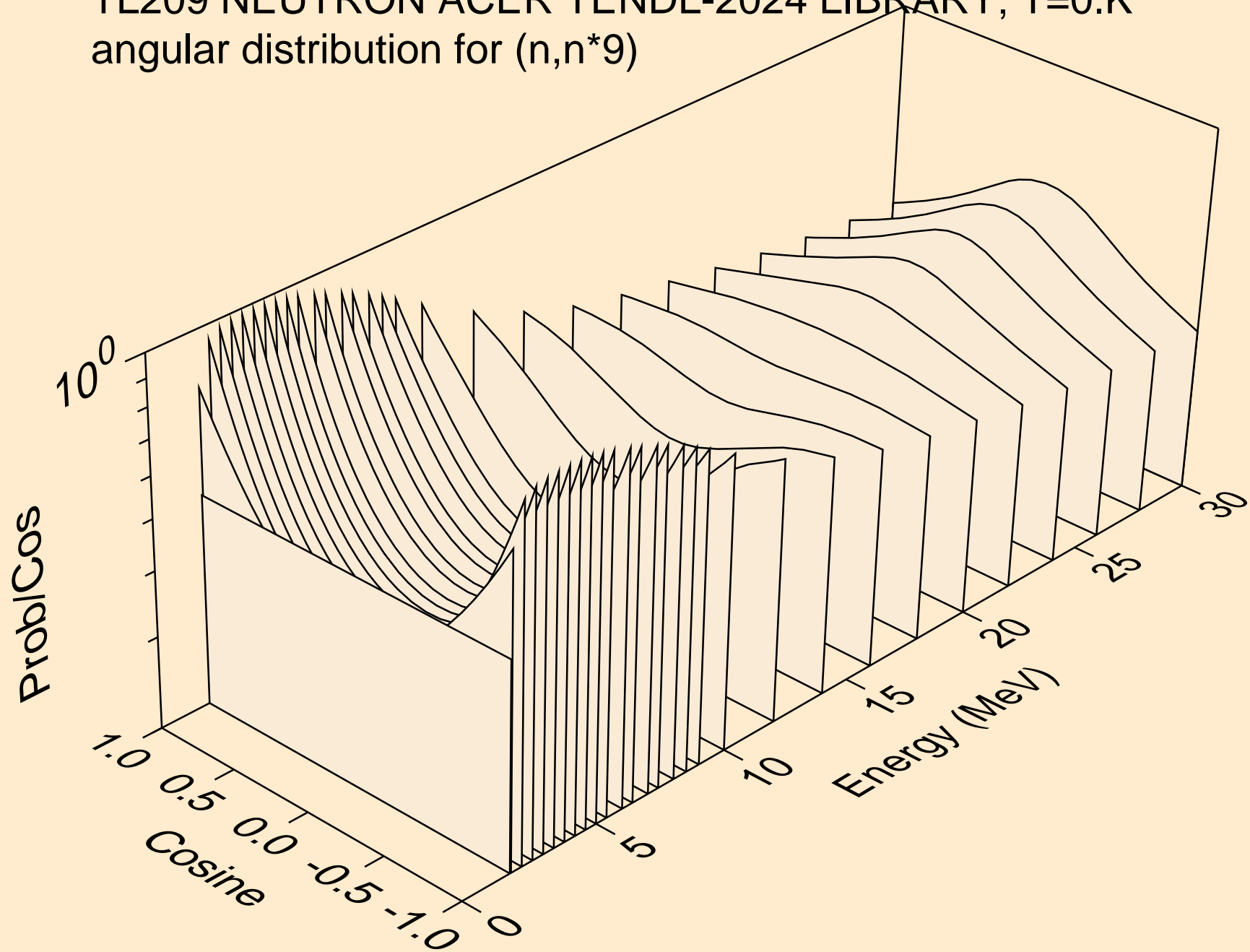
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



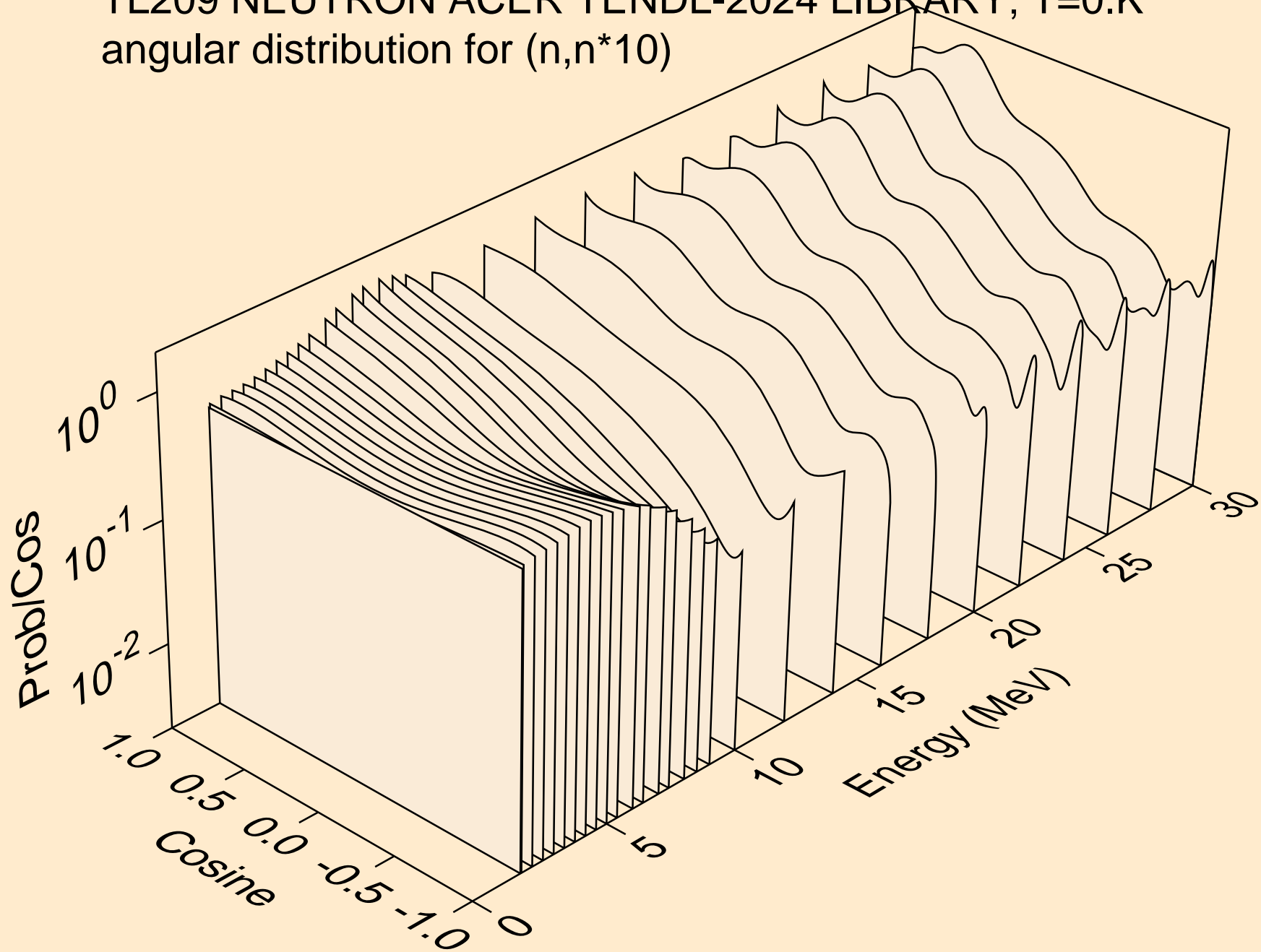
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angular distribution for (n,n\*8)



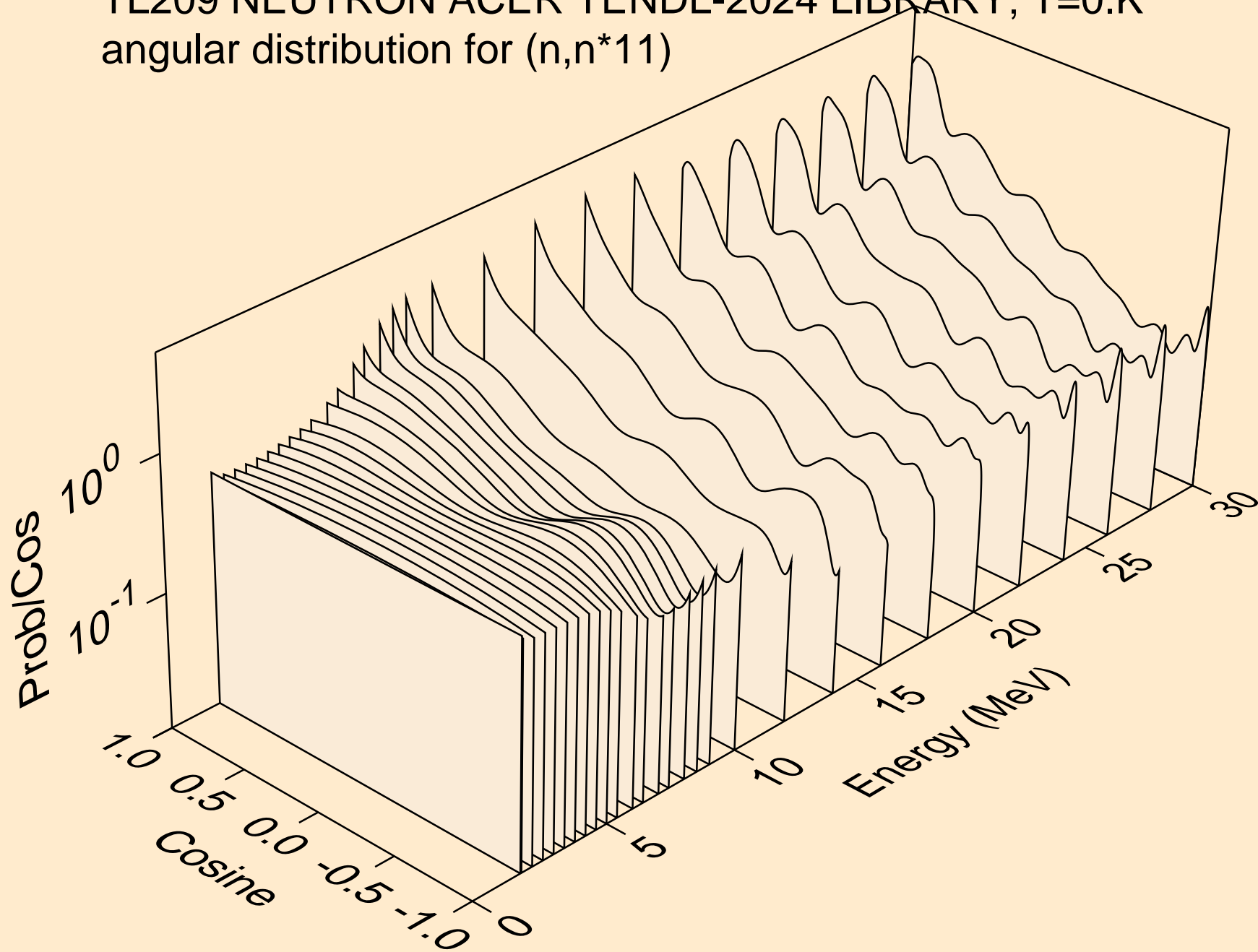
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

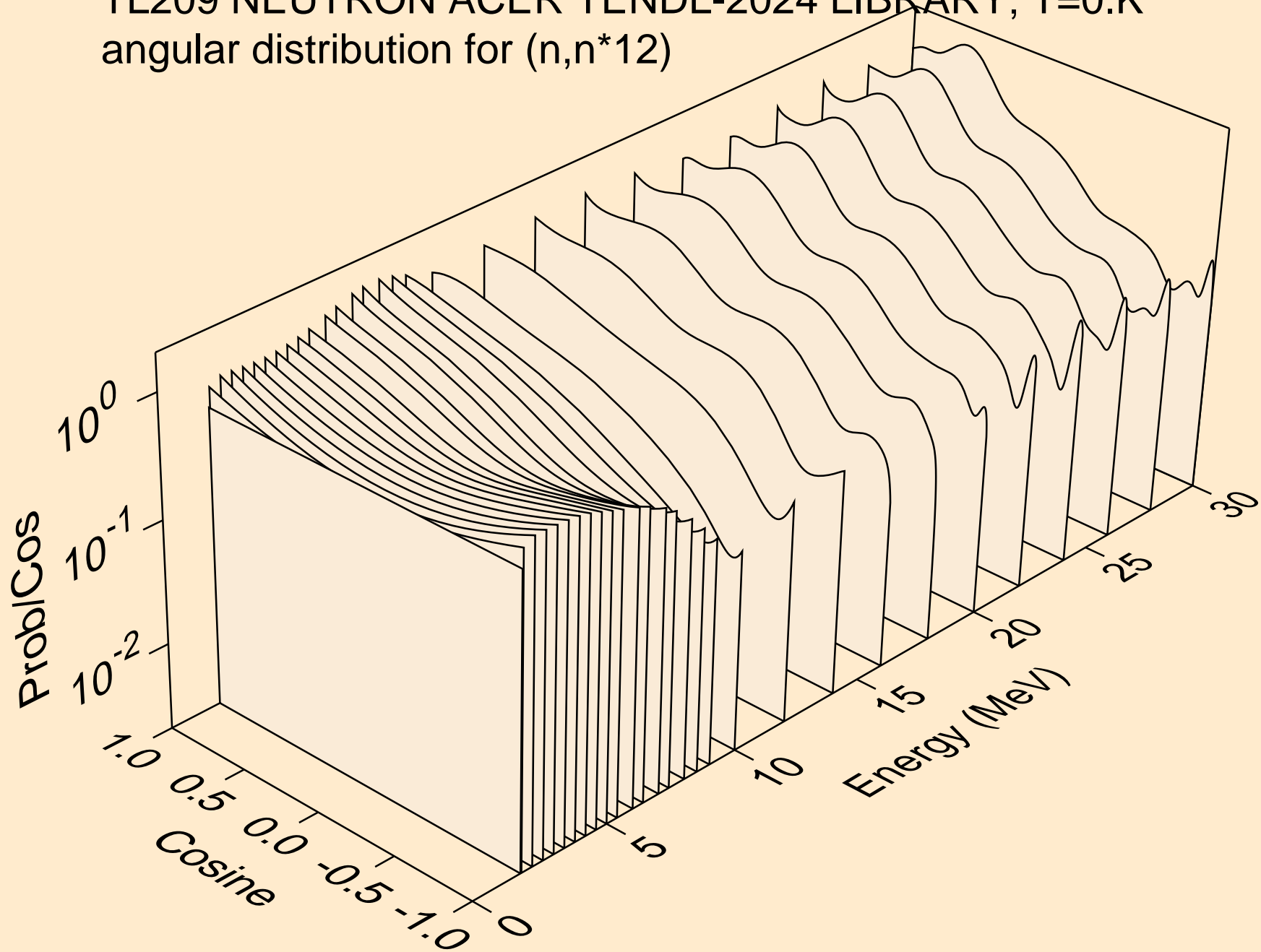


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

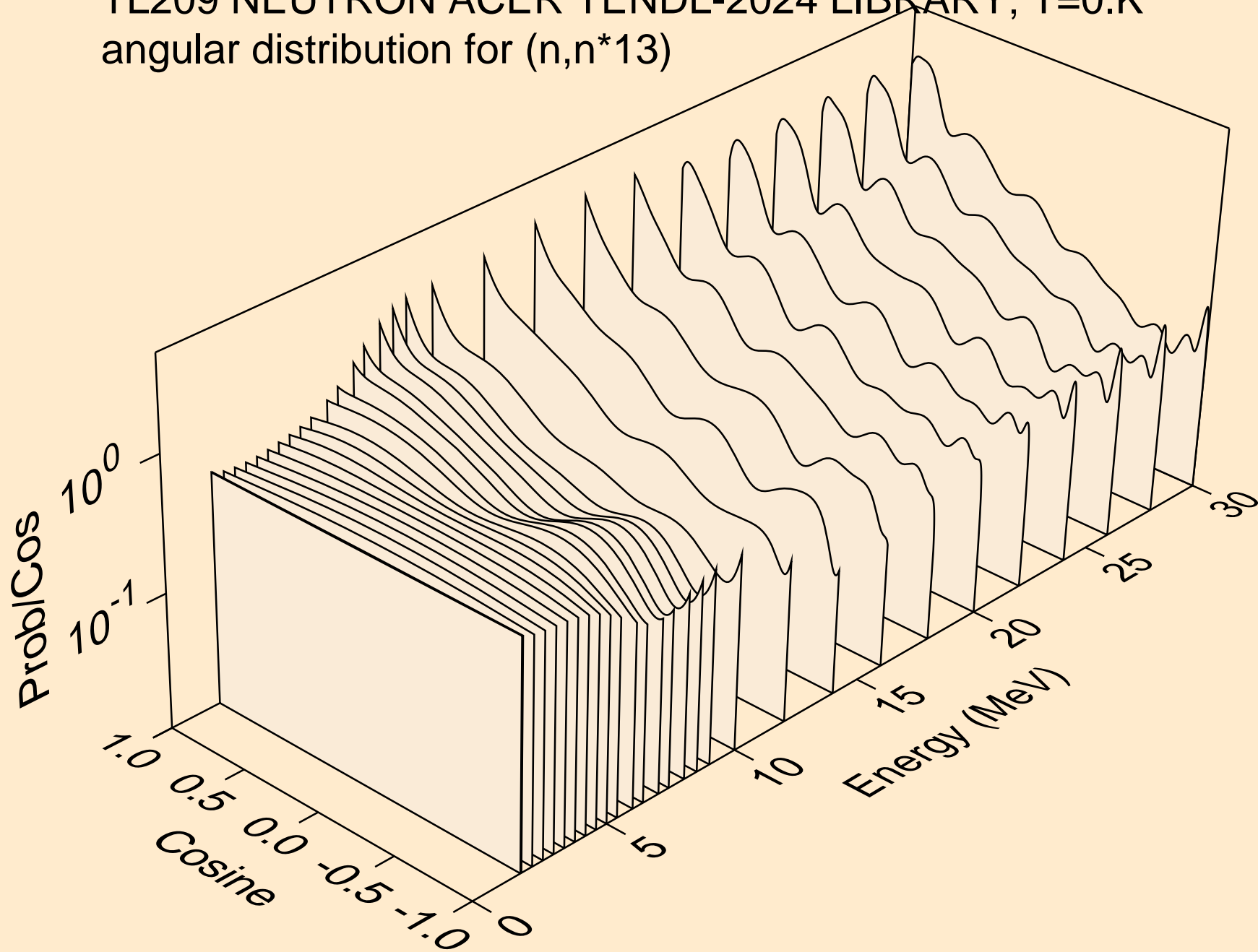




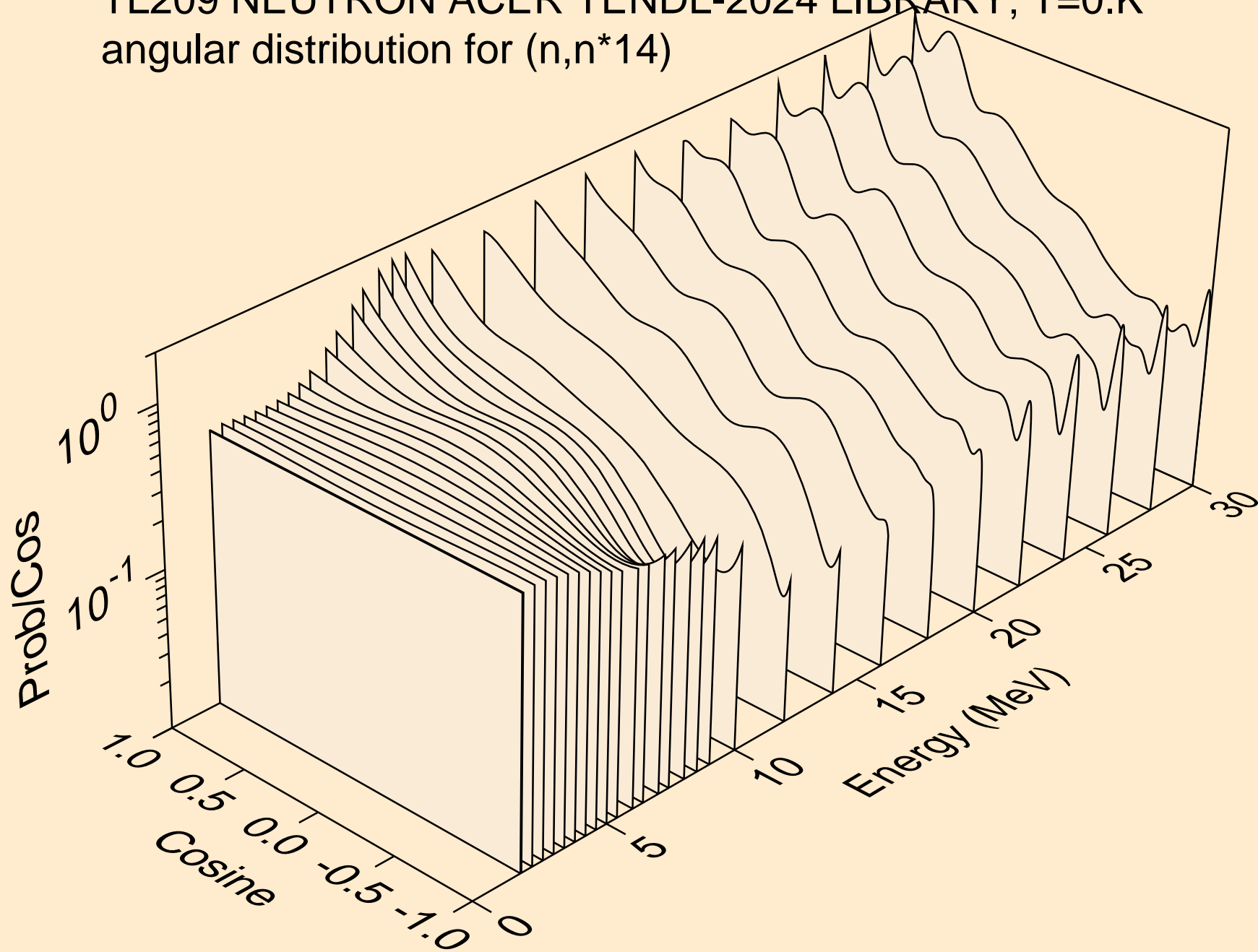
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



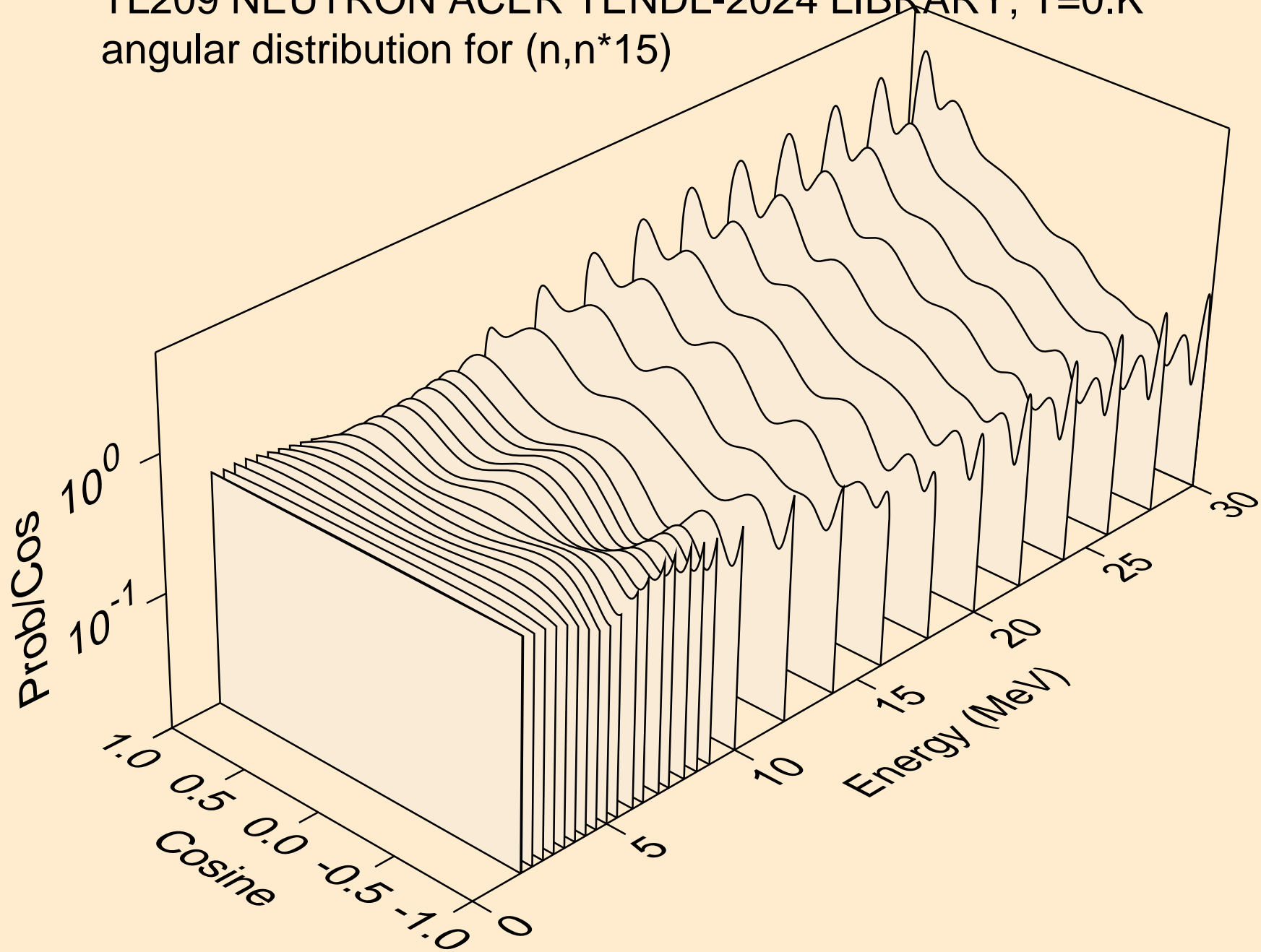
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



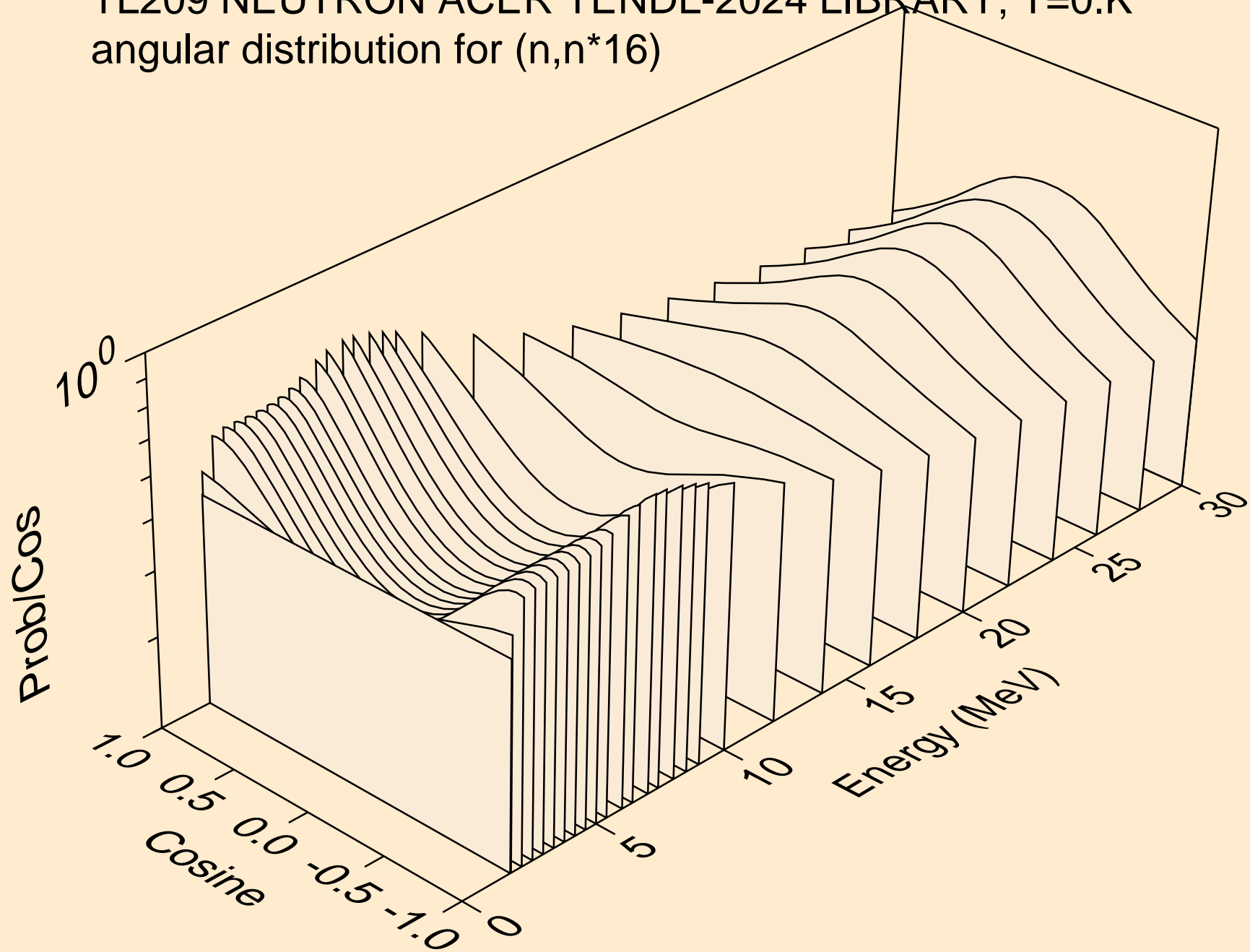
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angular distribution for (n,n\*14)



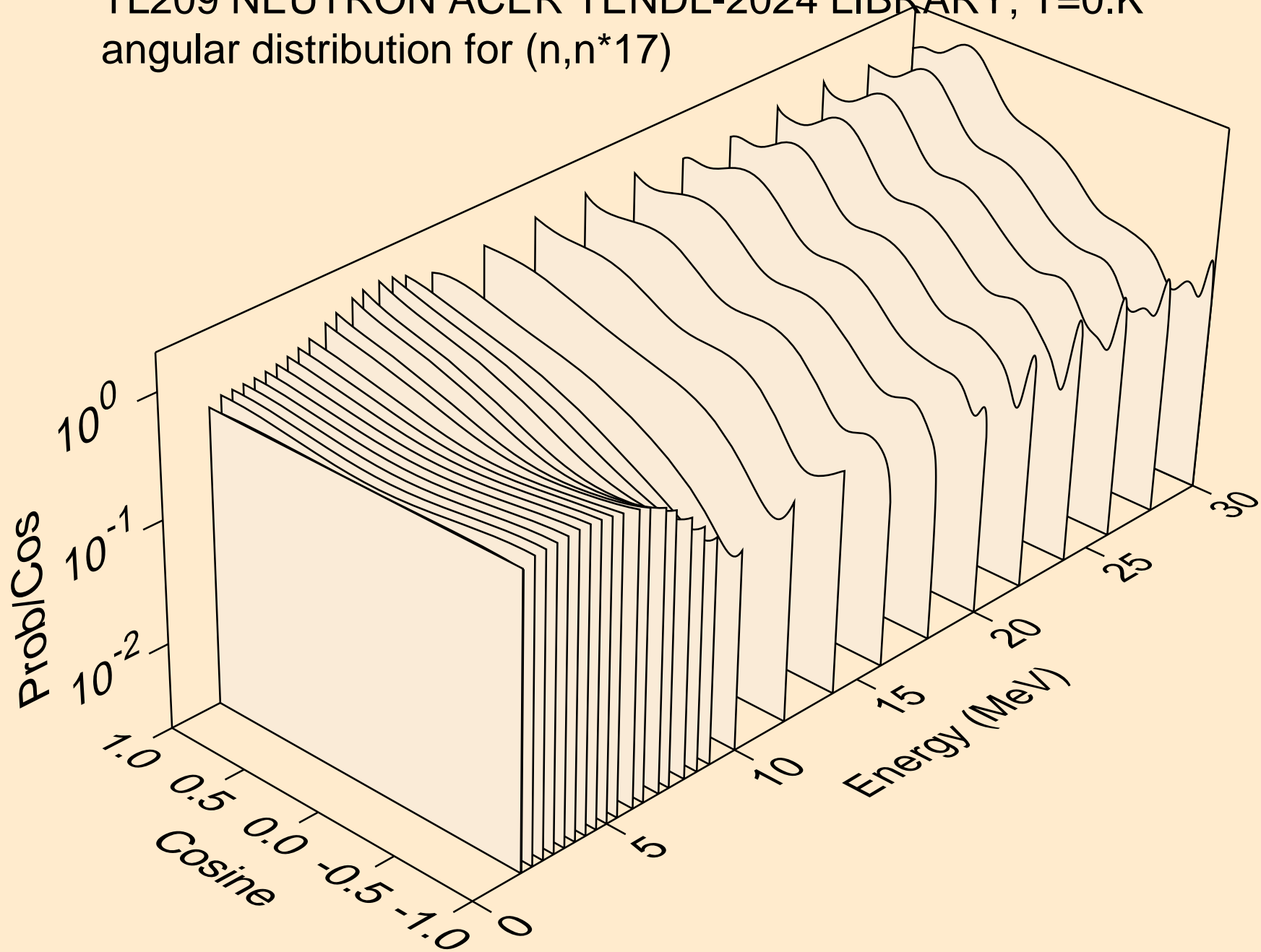
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angular distribution for (n,n\*15)



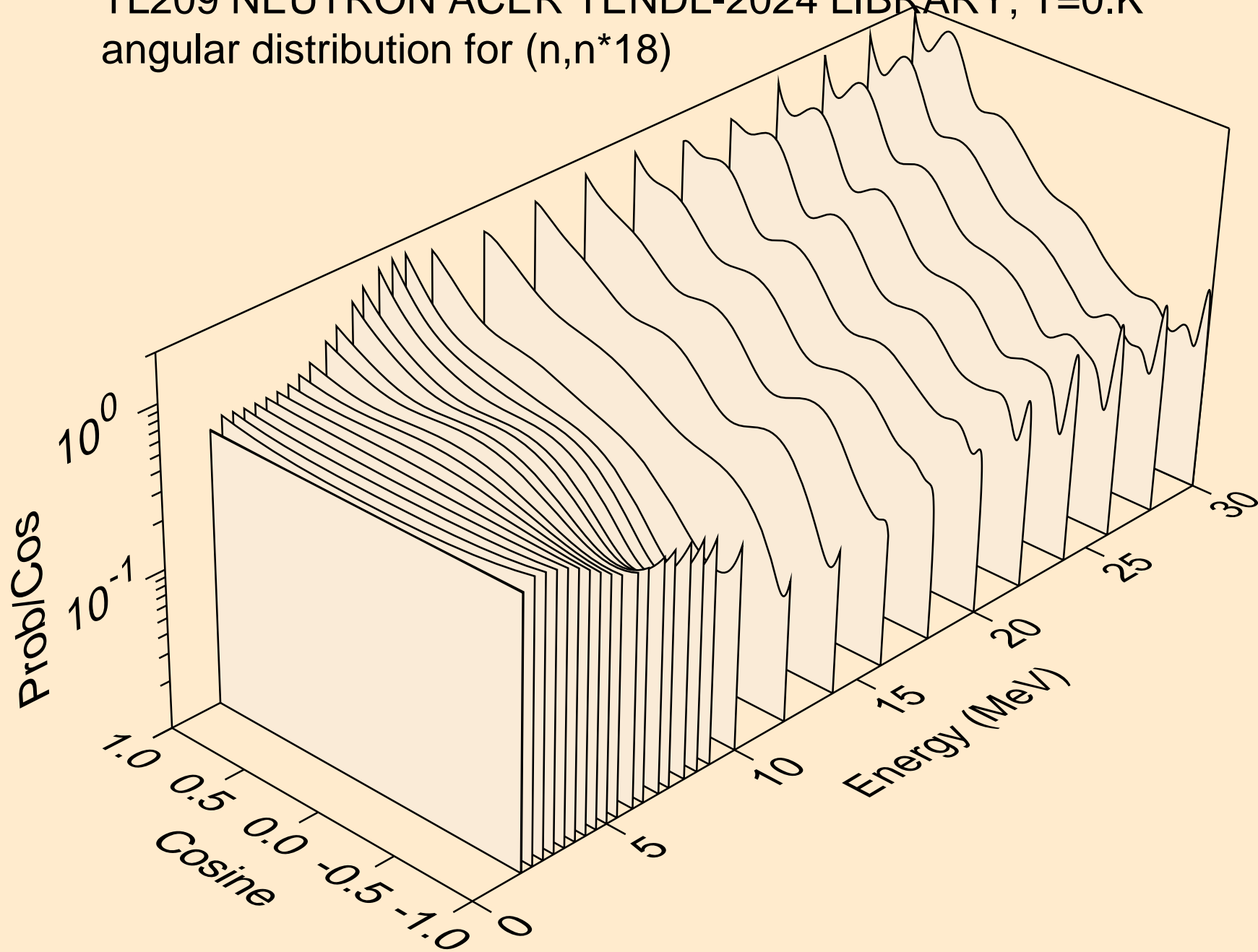
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



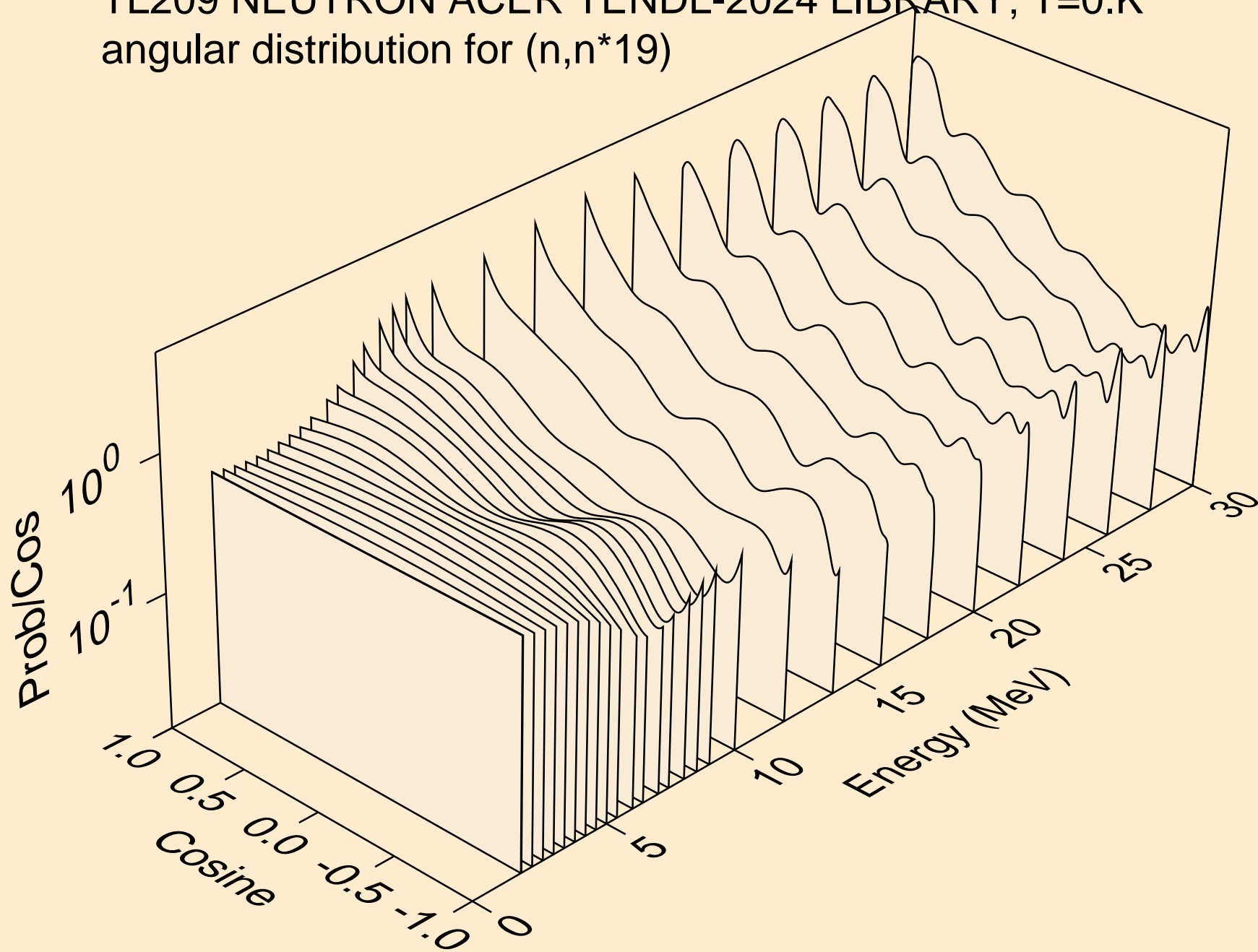
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

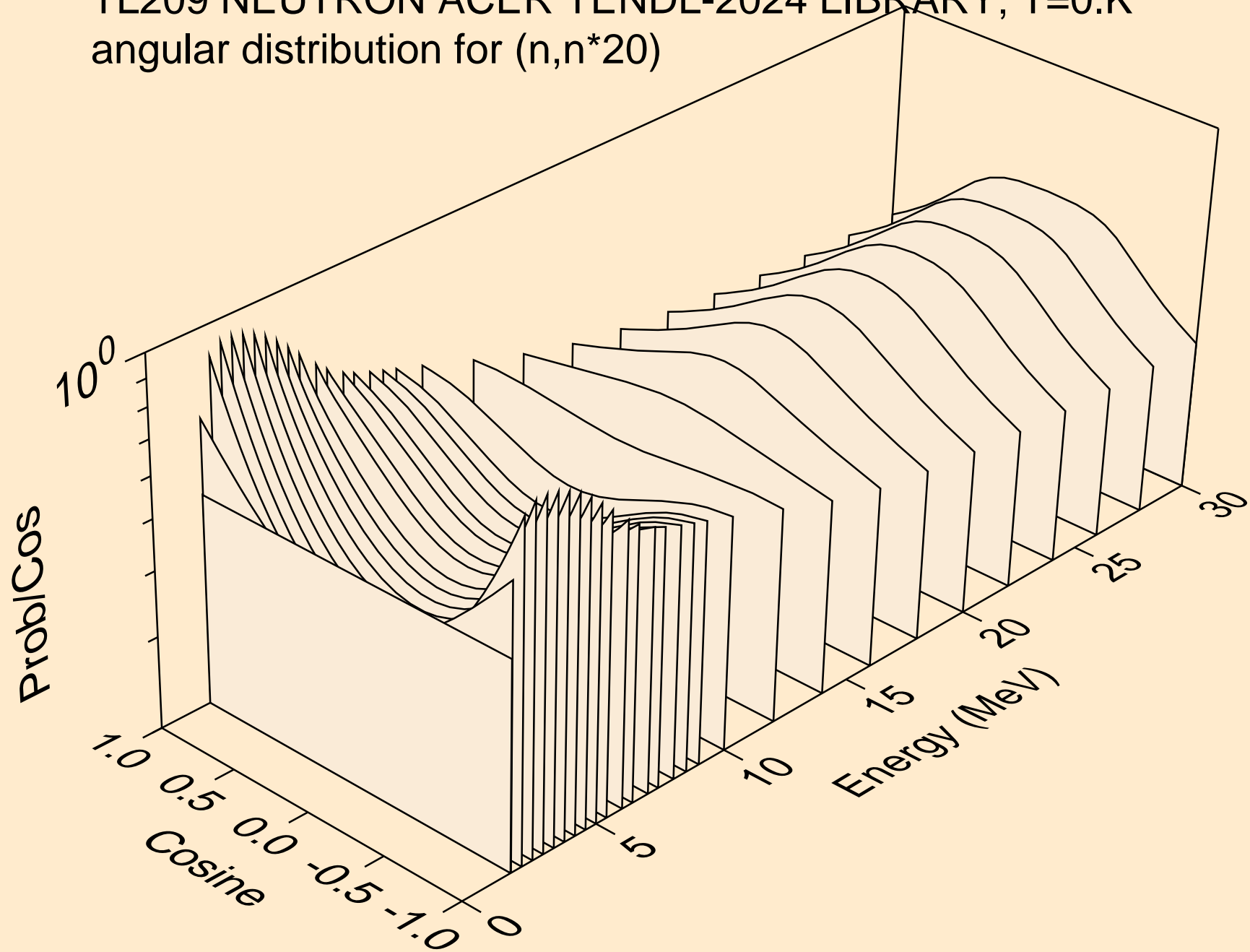


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

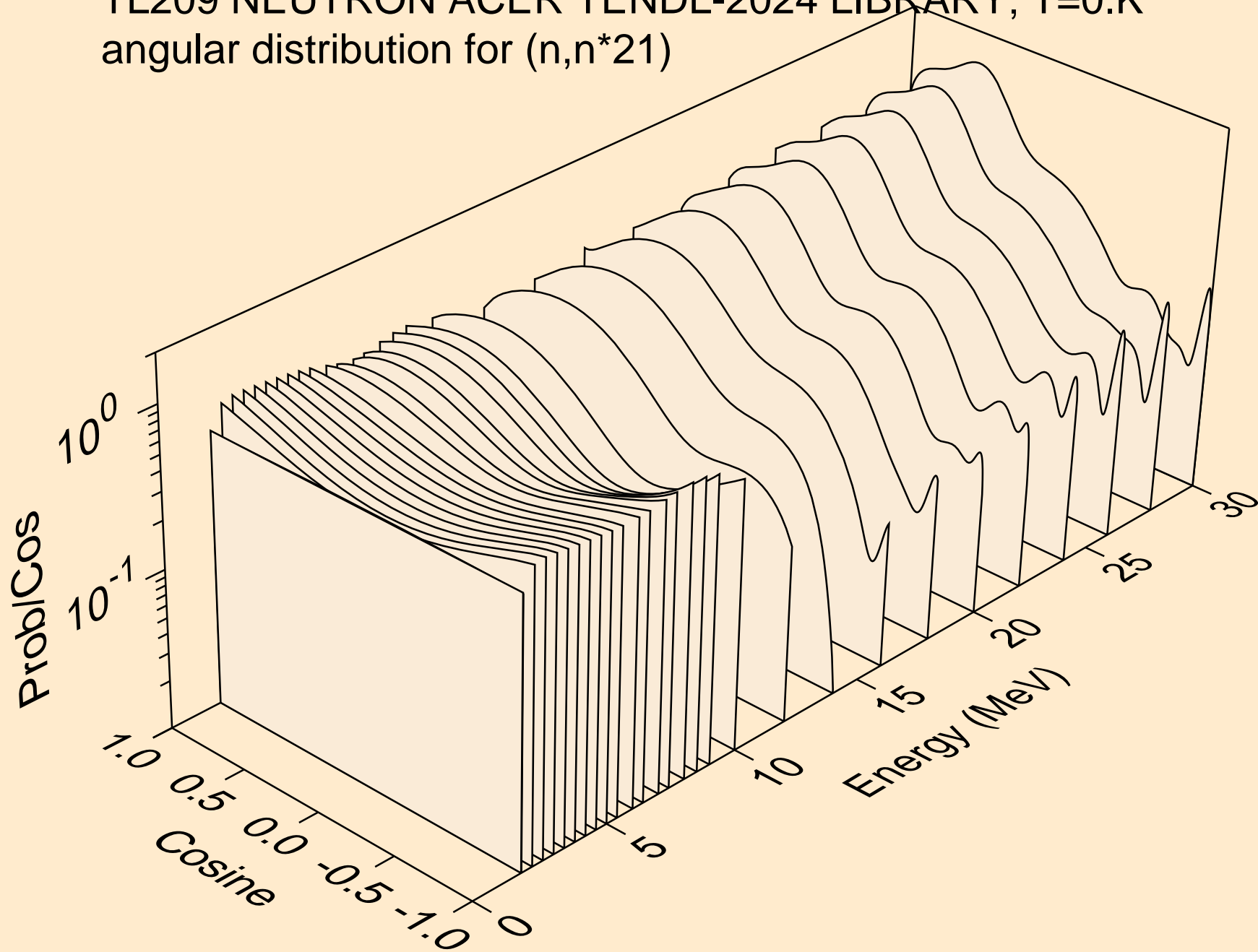




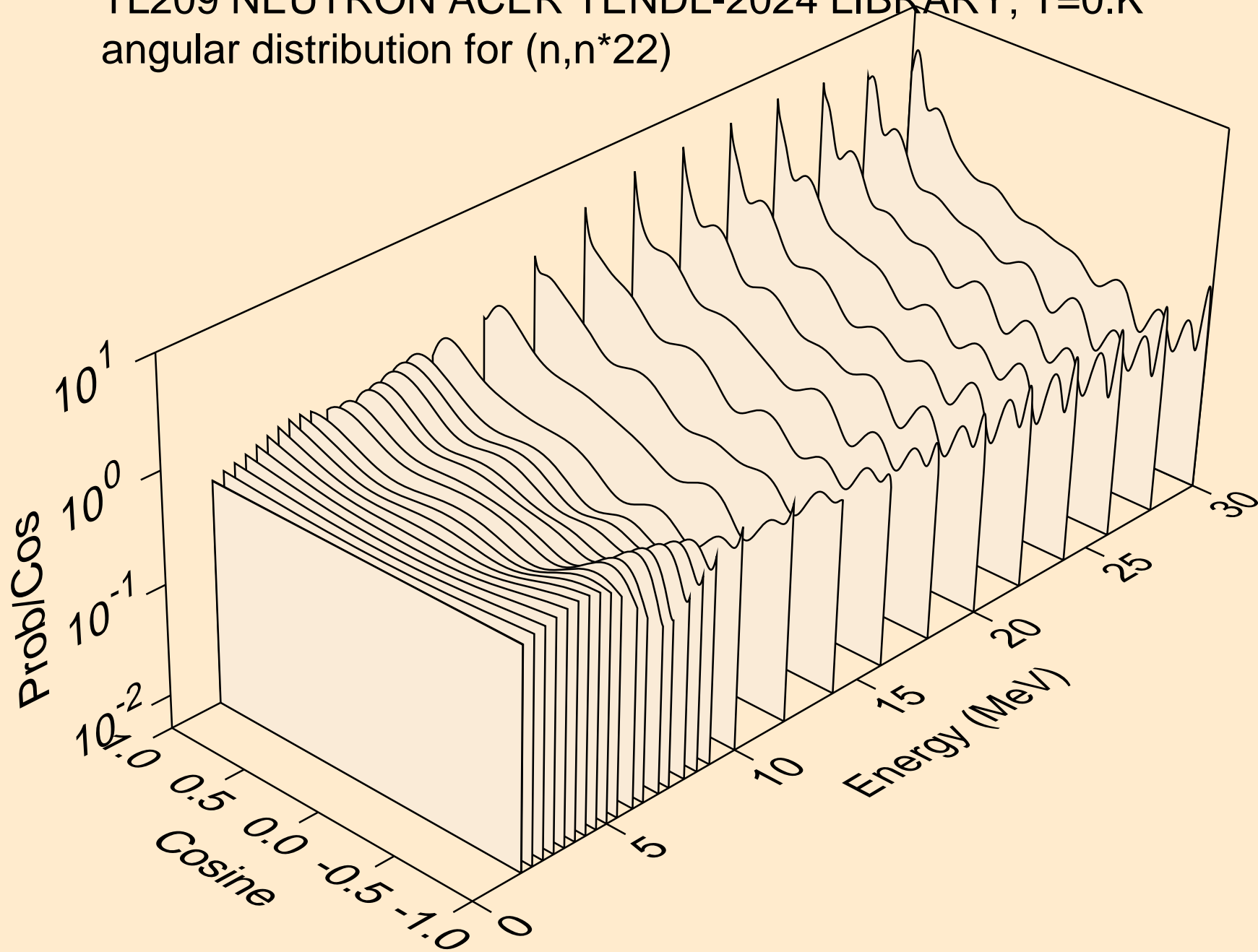
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



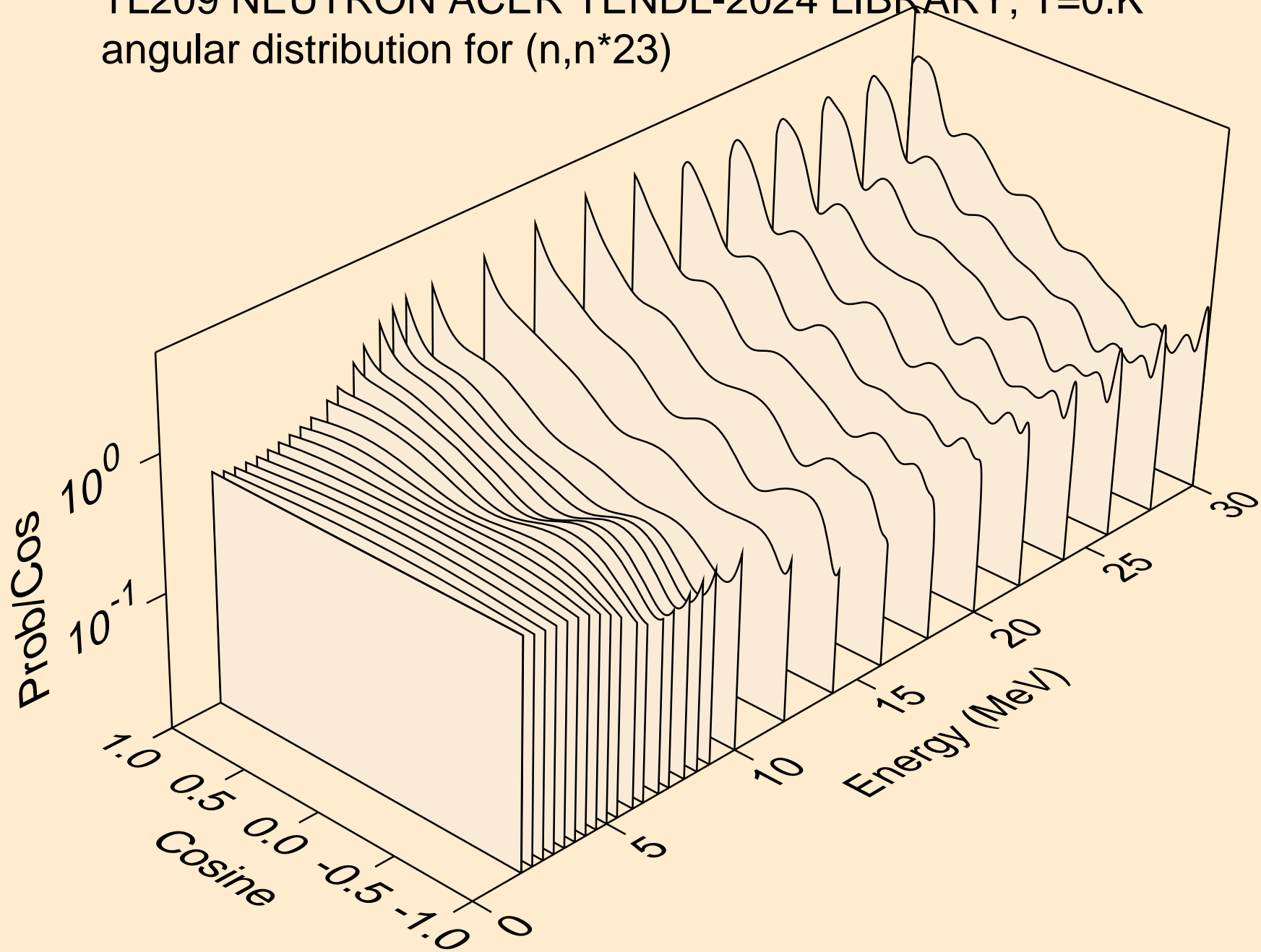
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angular distribution for (n,n\*21)



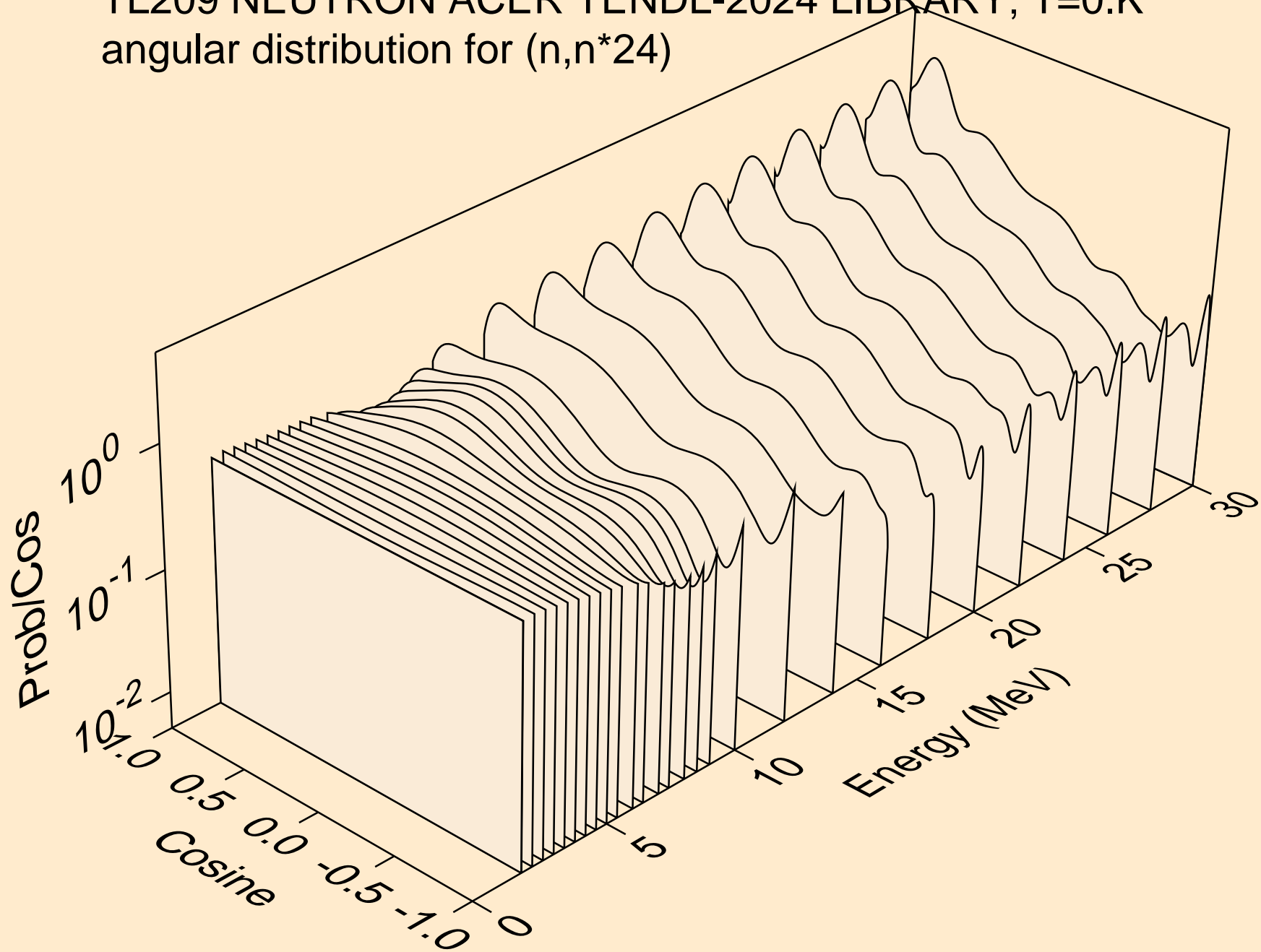
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



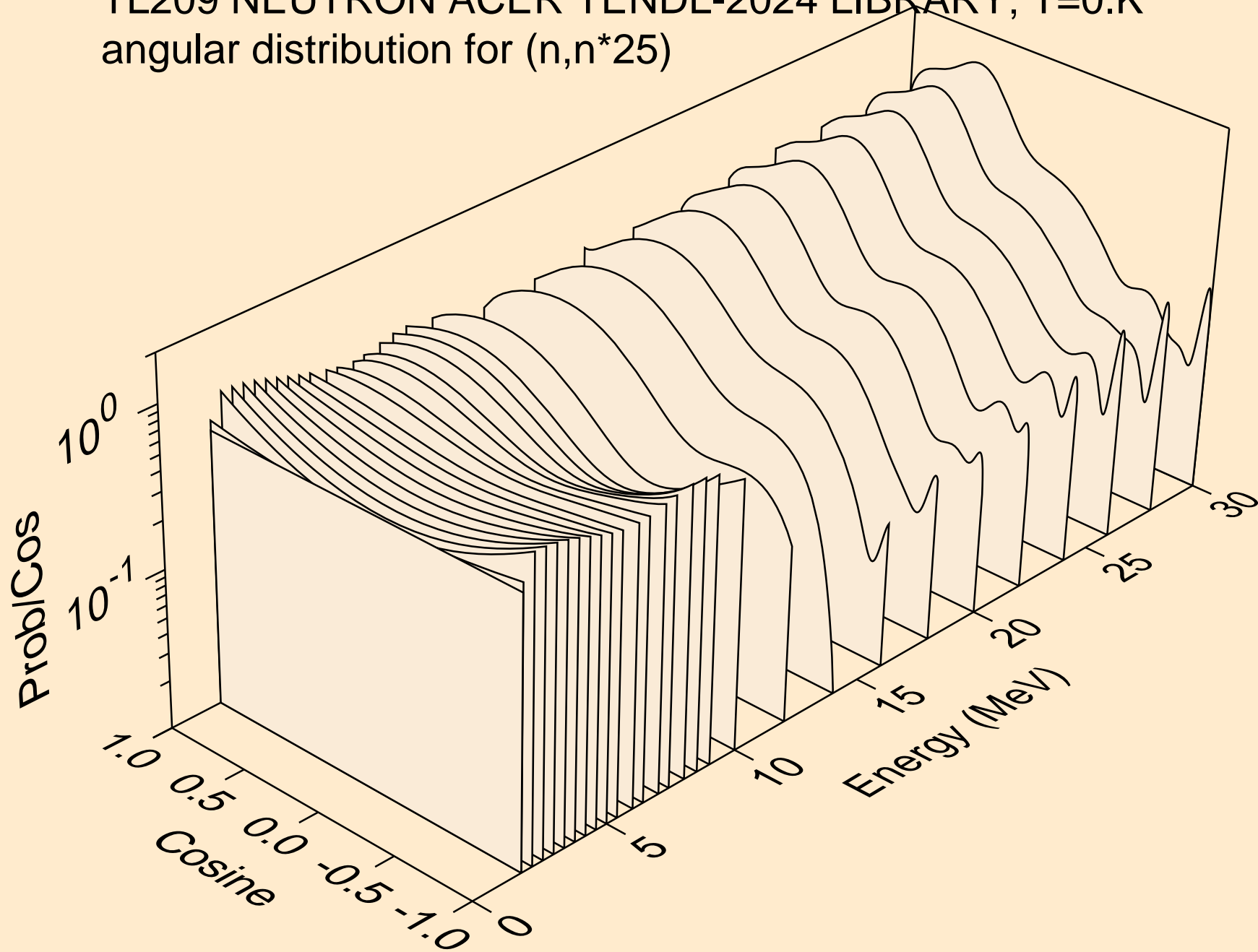
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angular distribution for (n,n\*23)



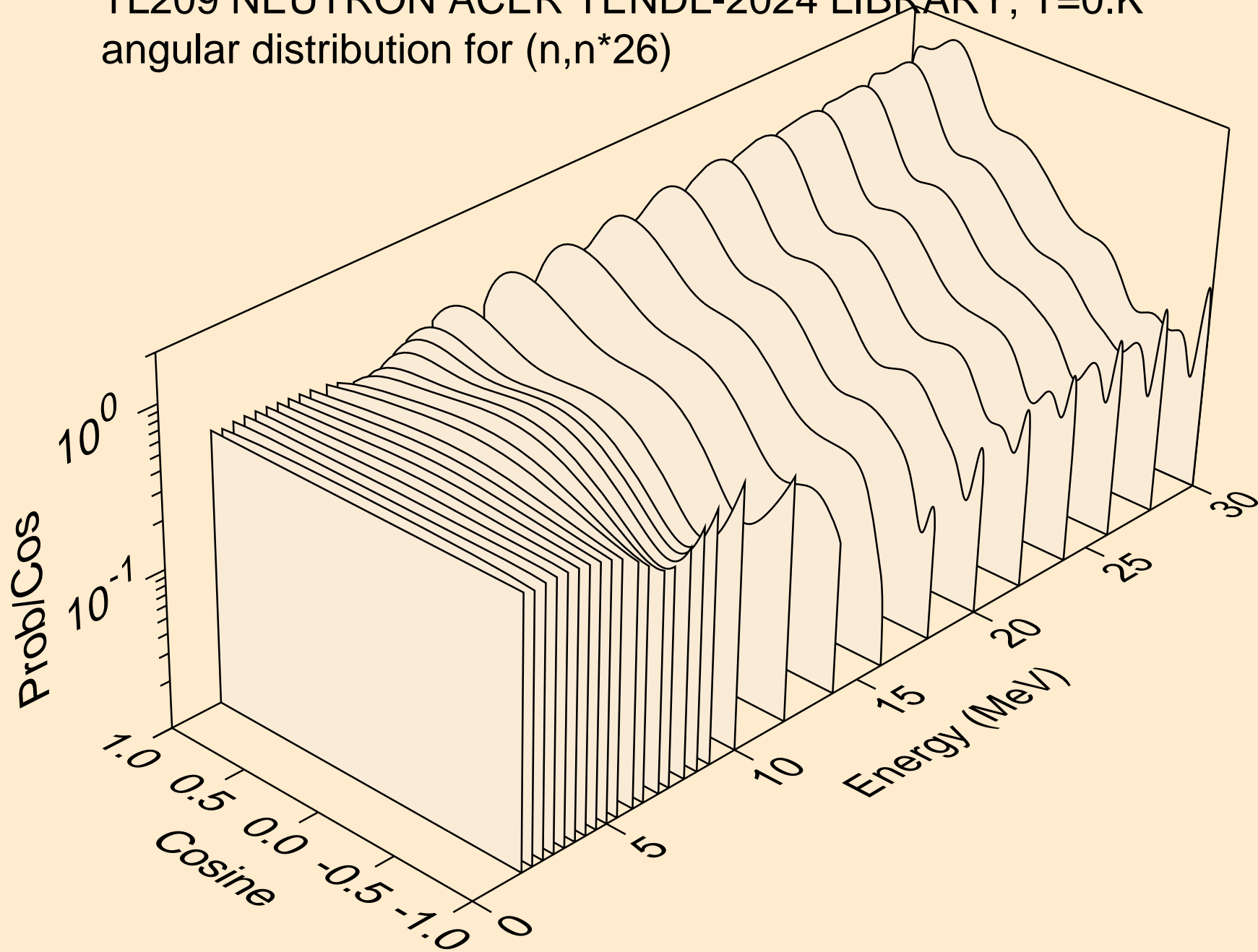
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angular distribution for (n,n\*24)



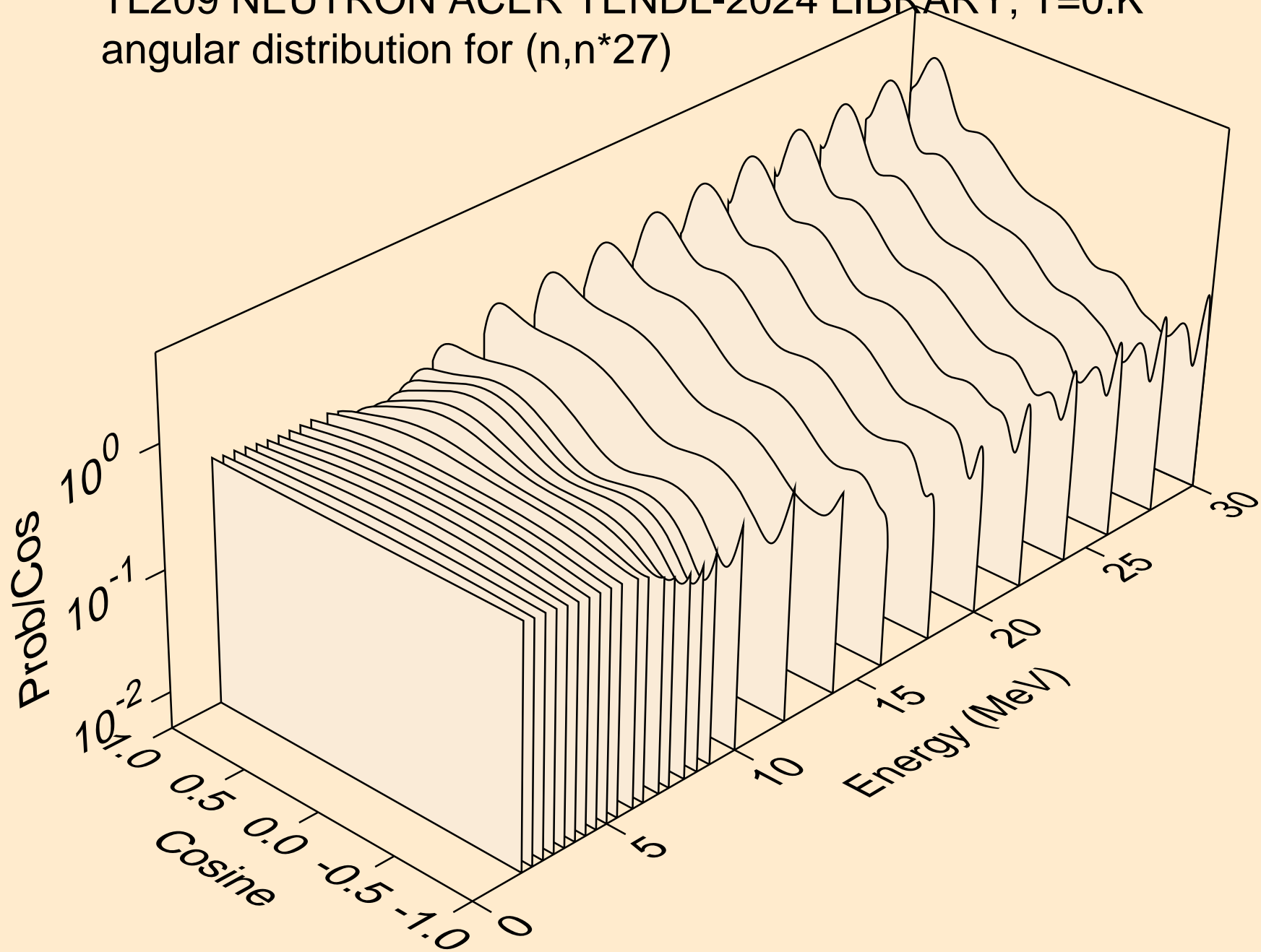
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

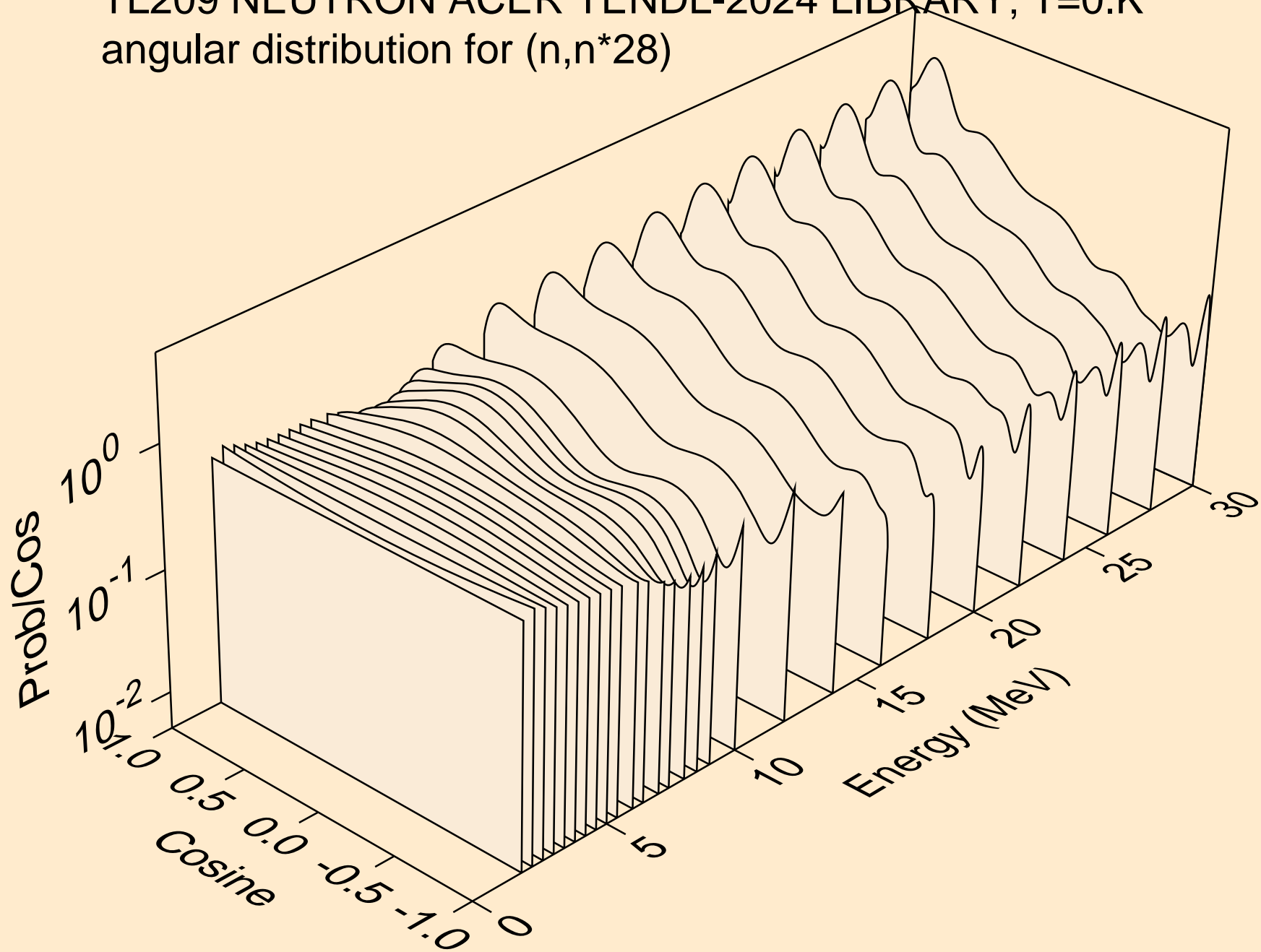


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

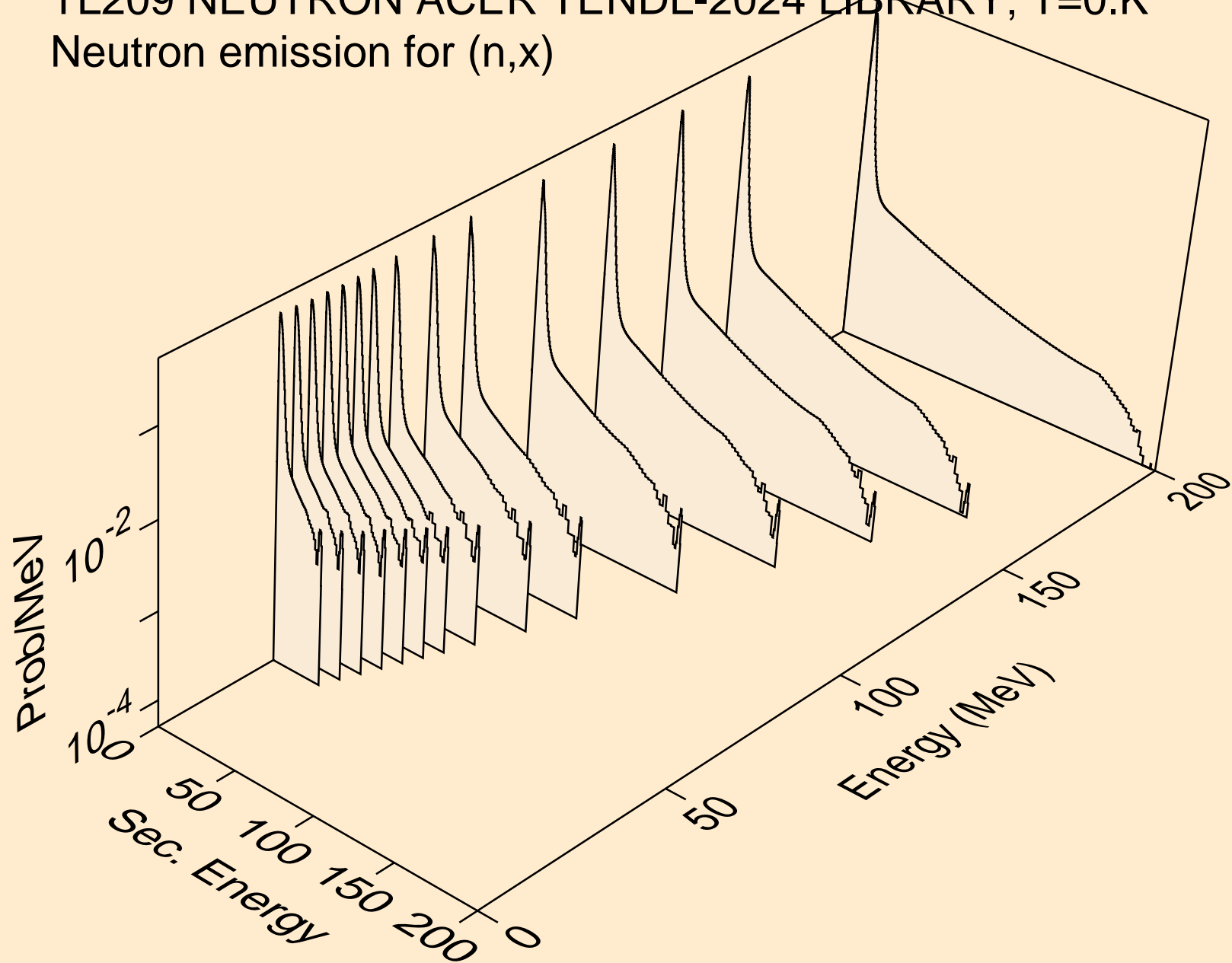




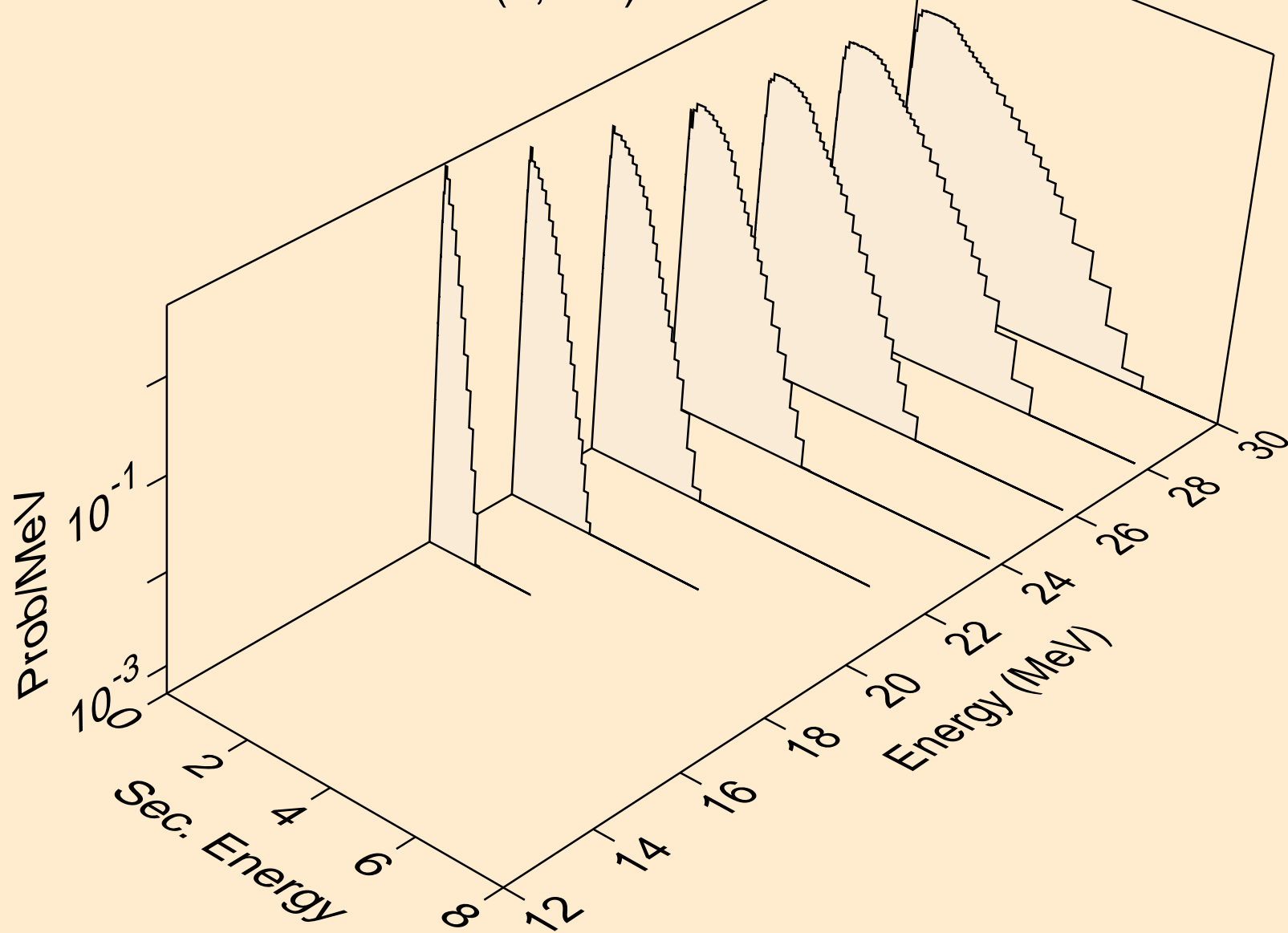
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



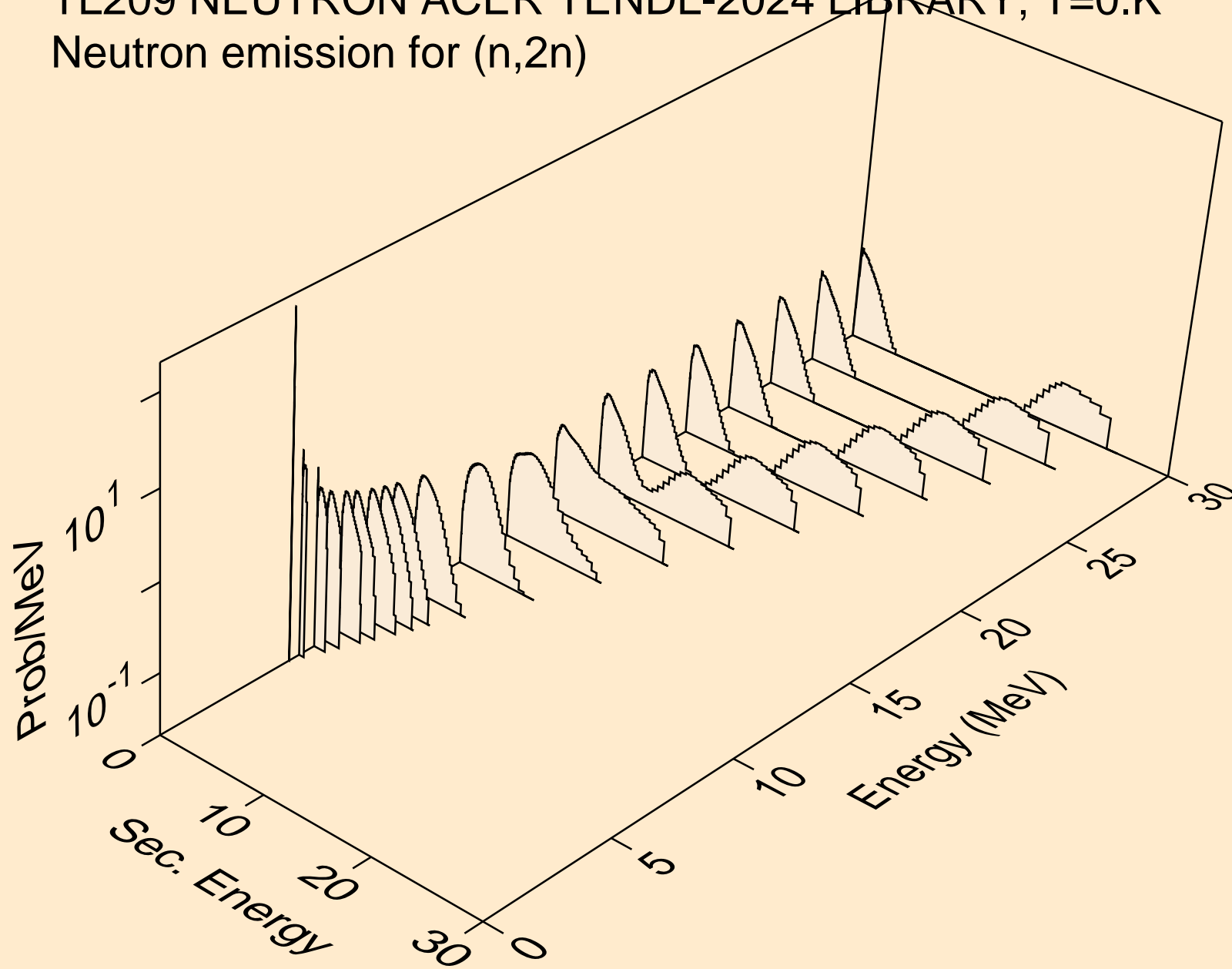
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



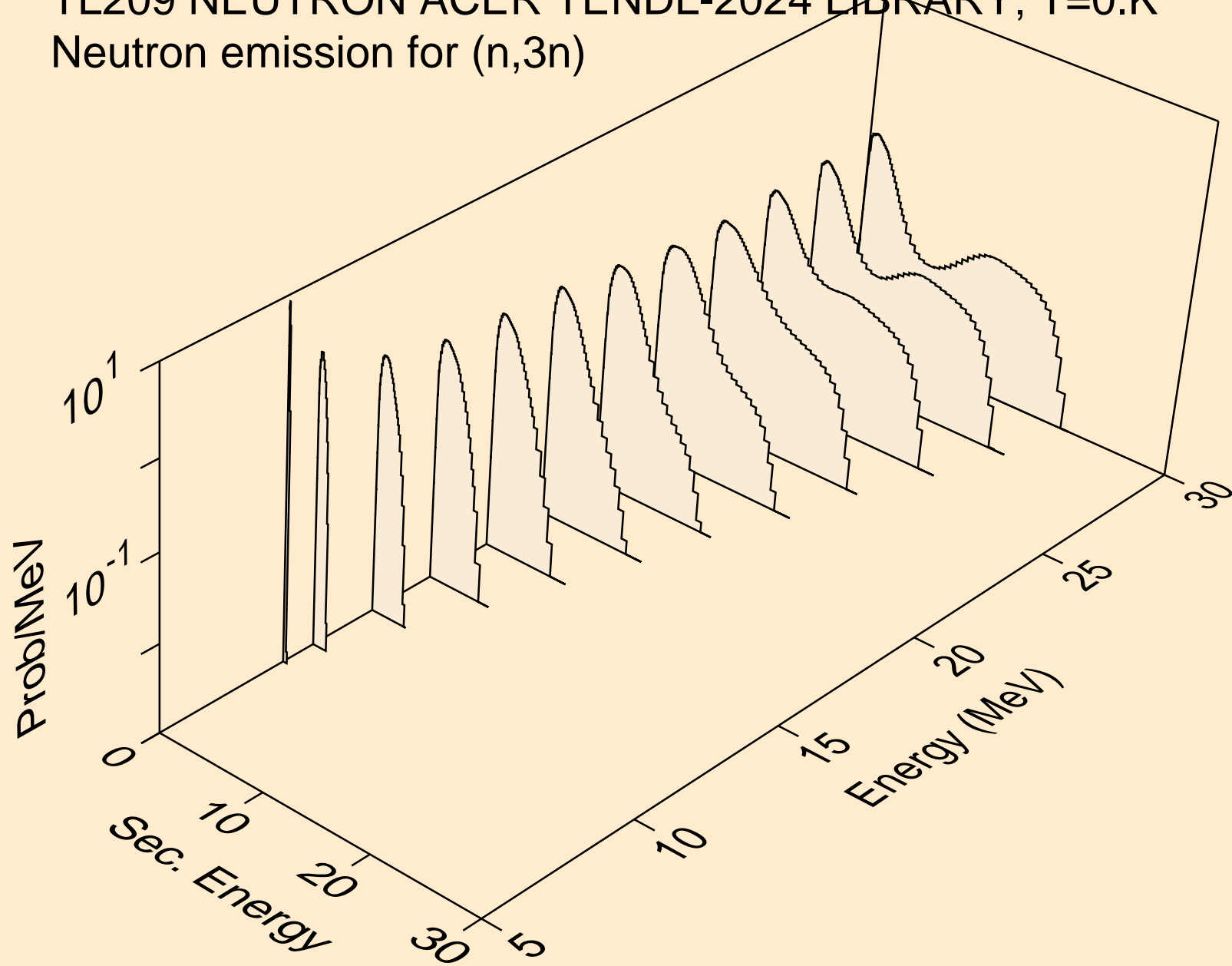
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



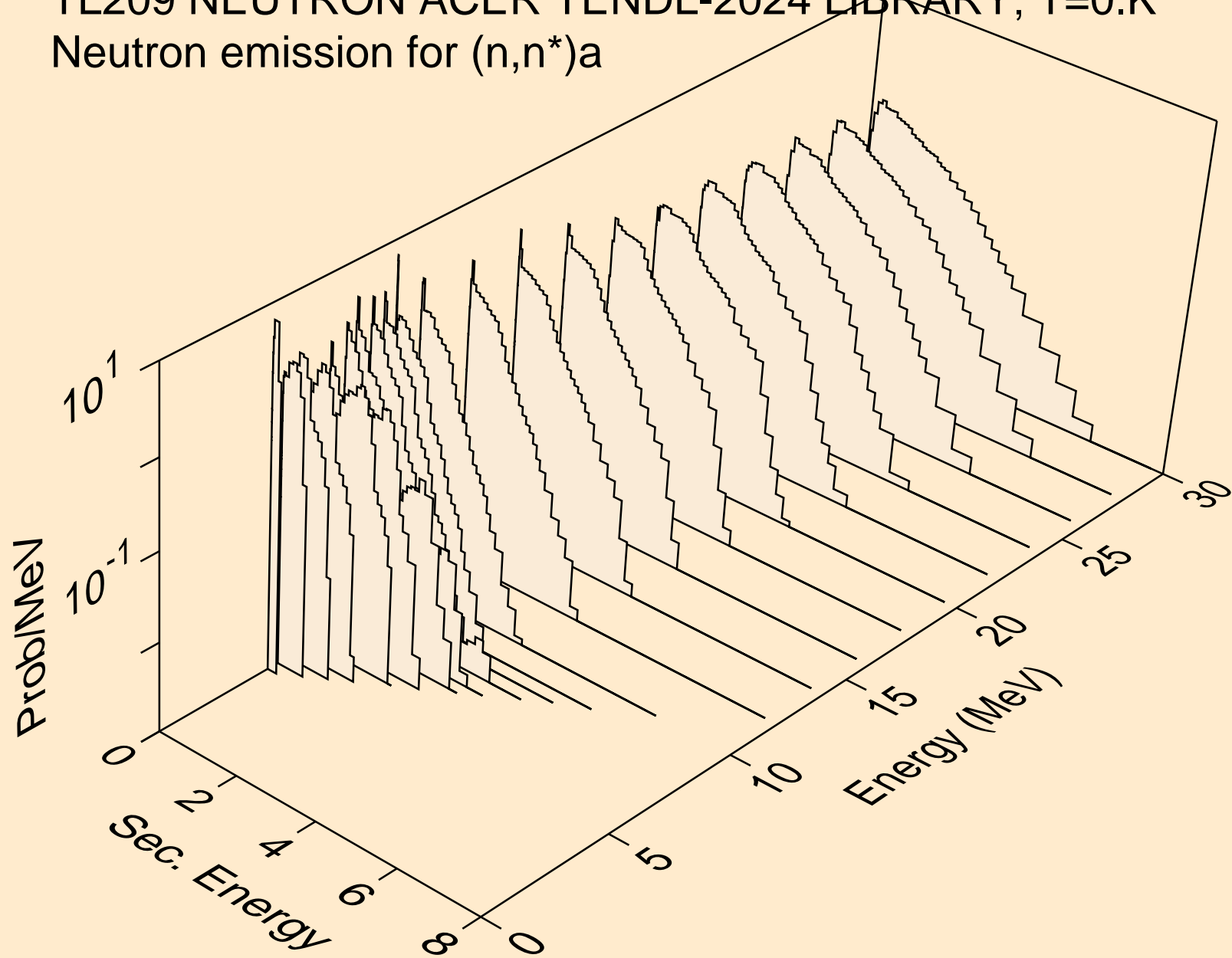
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



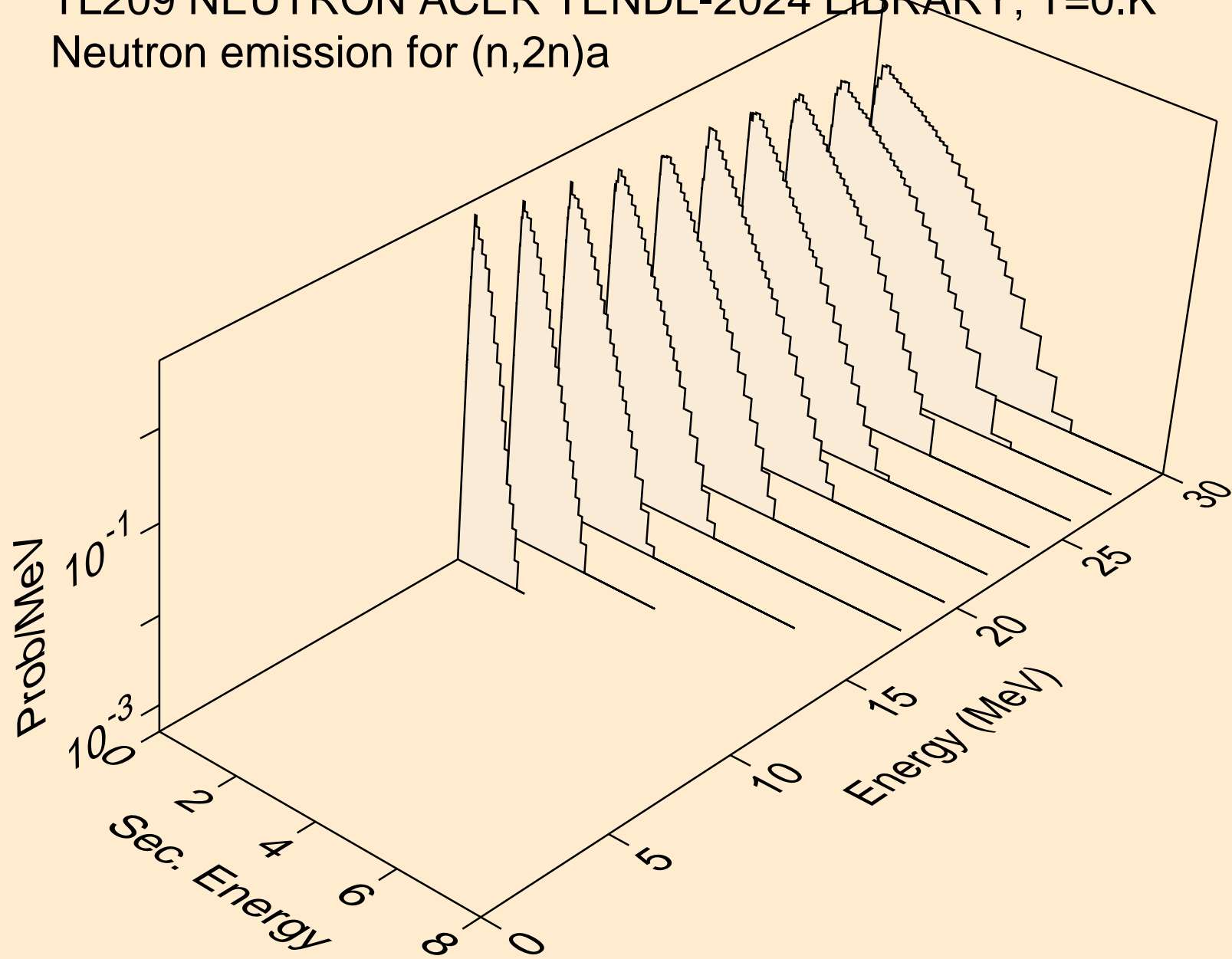
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



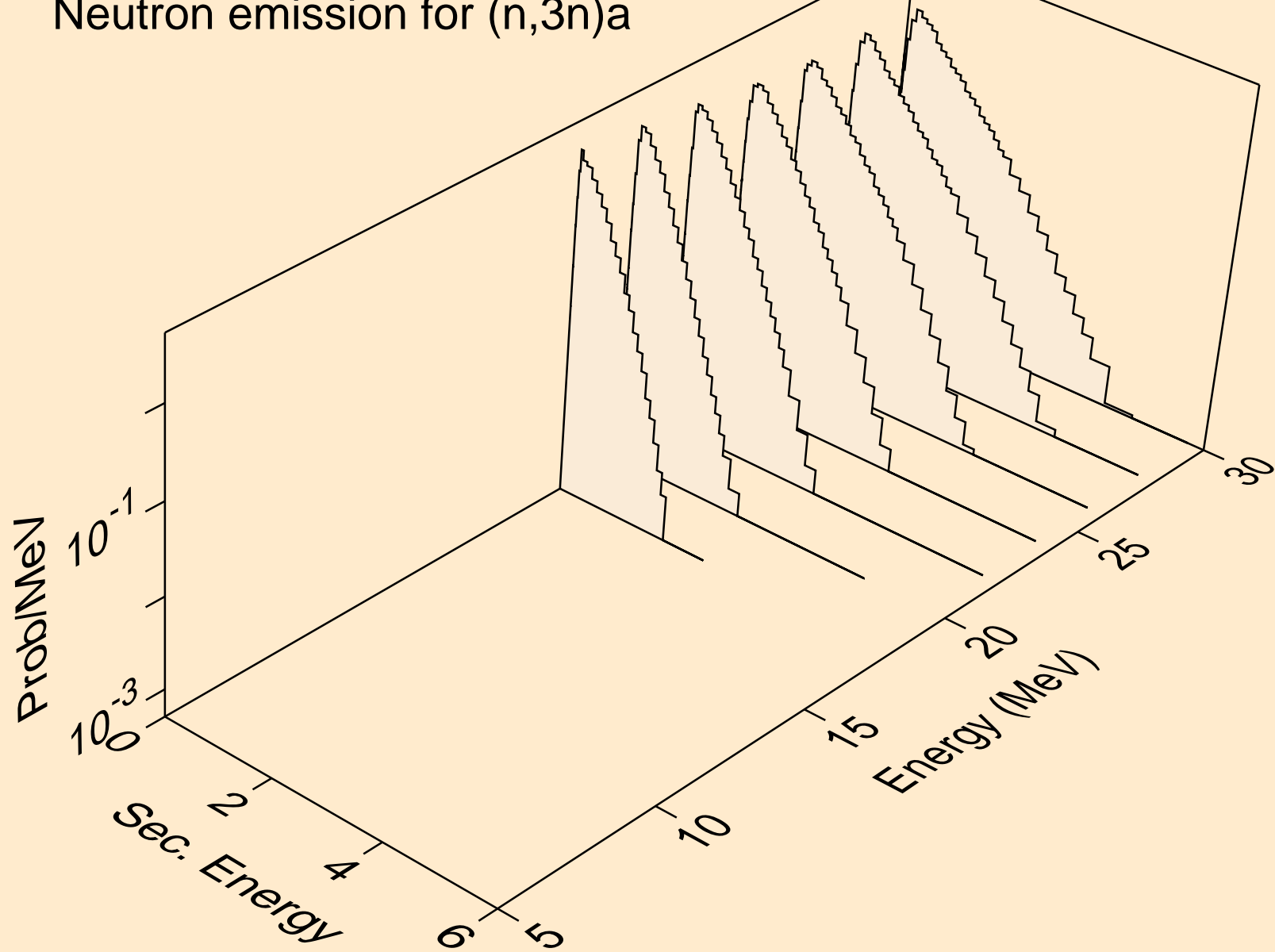
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

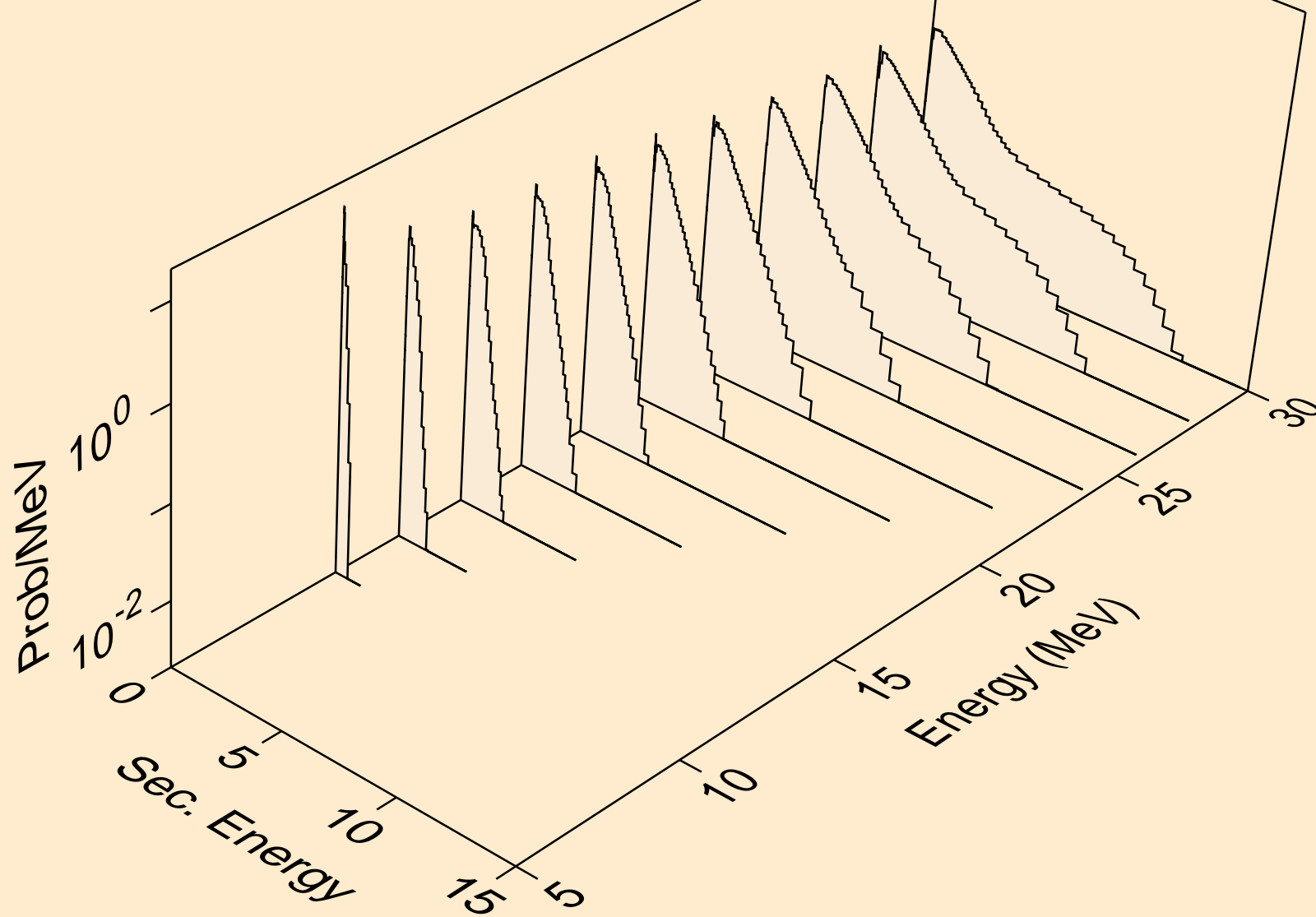


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

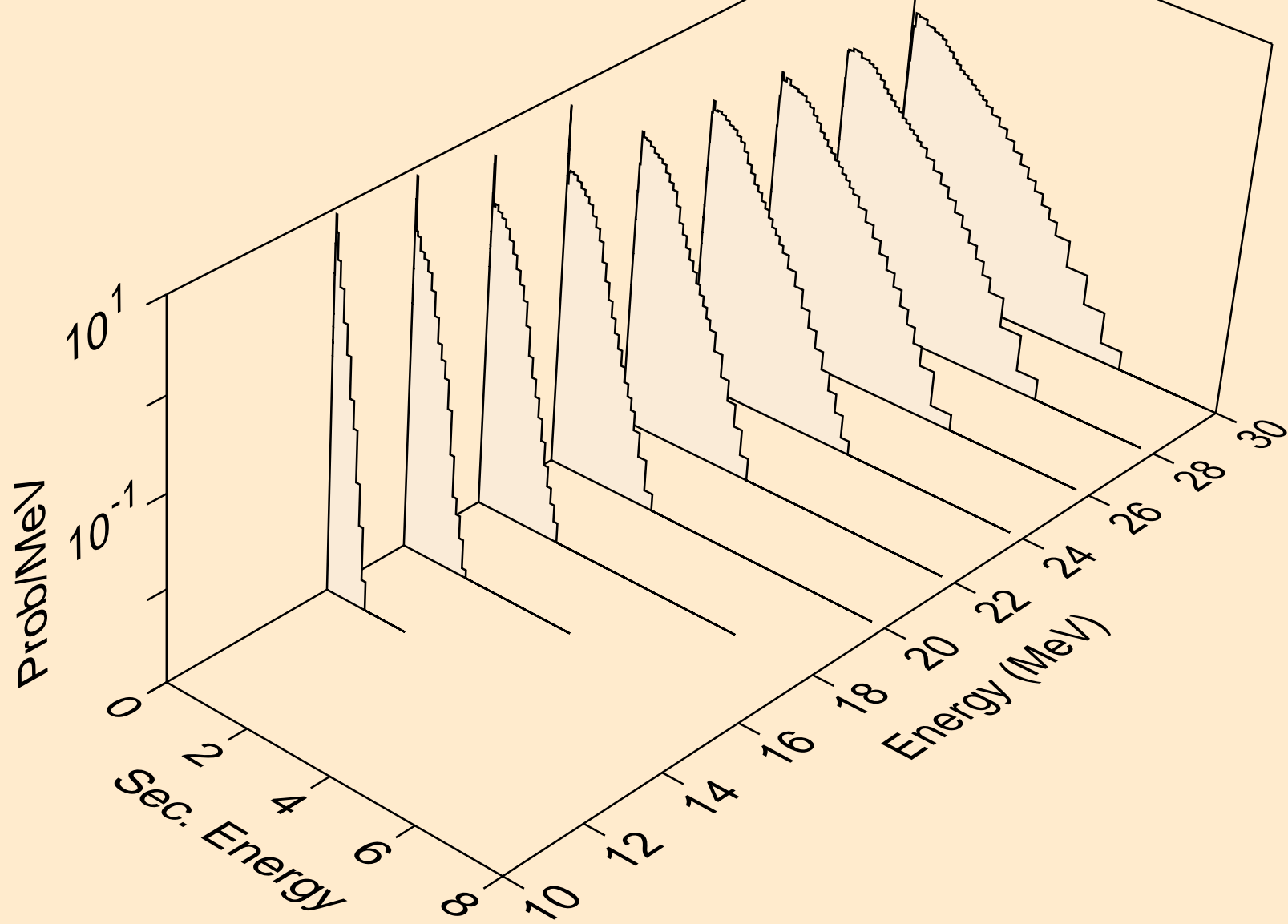




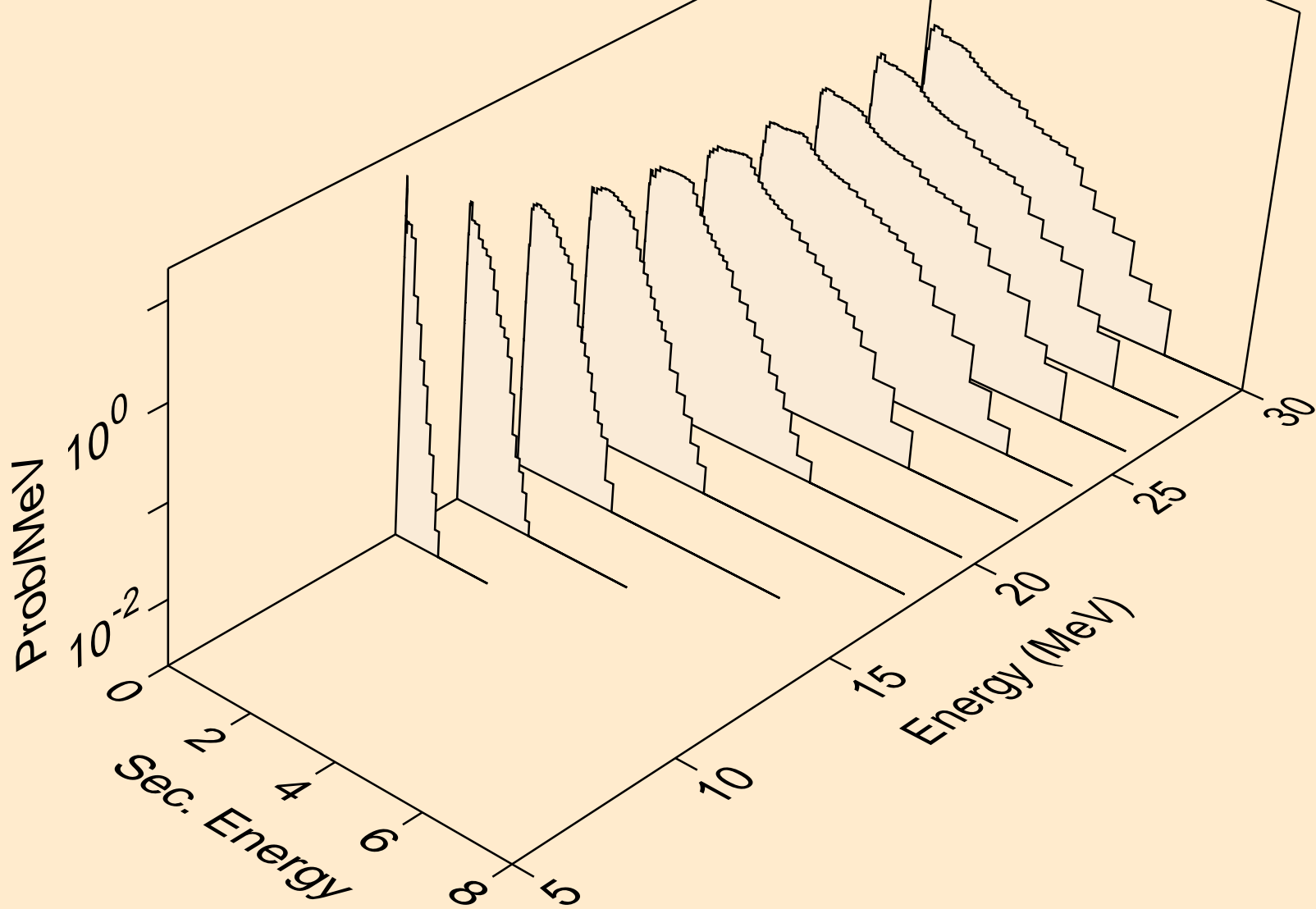
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



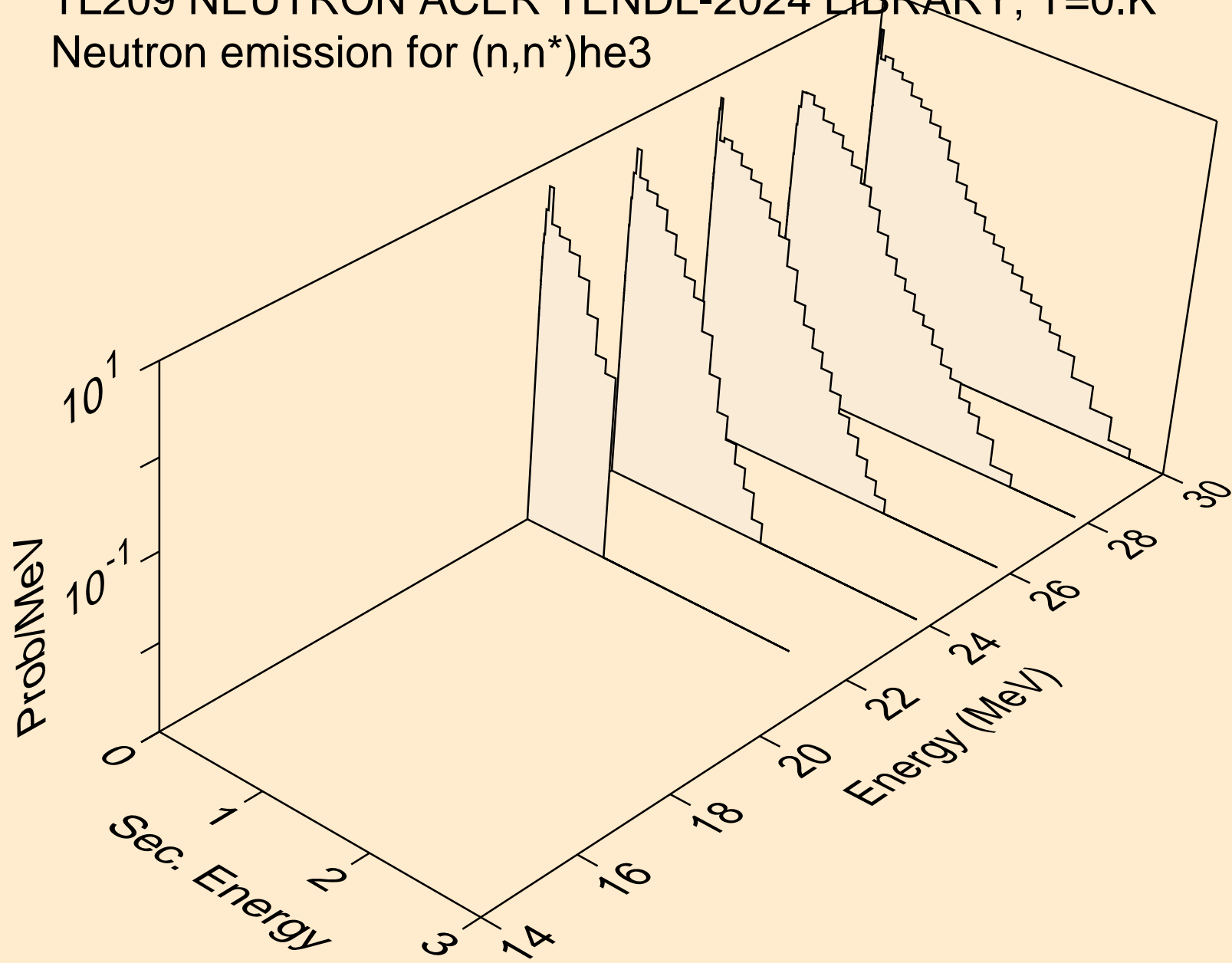
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



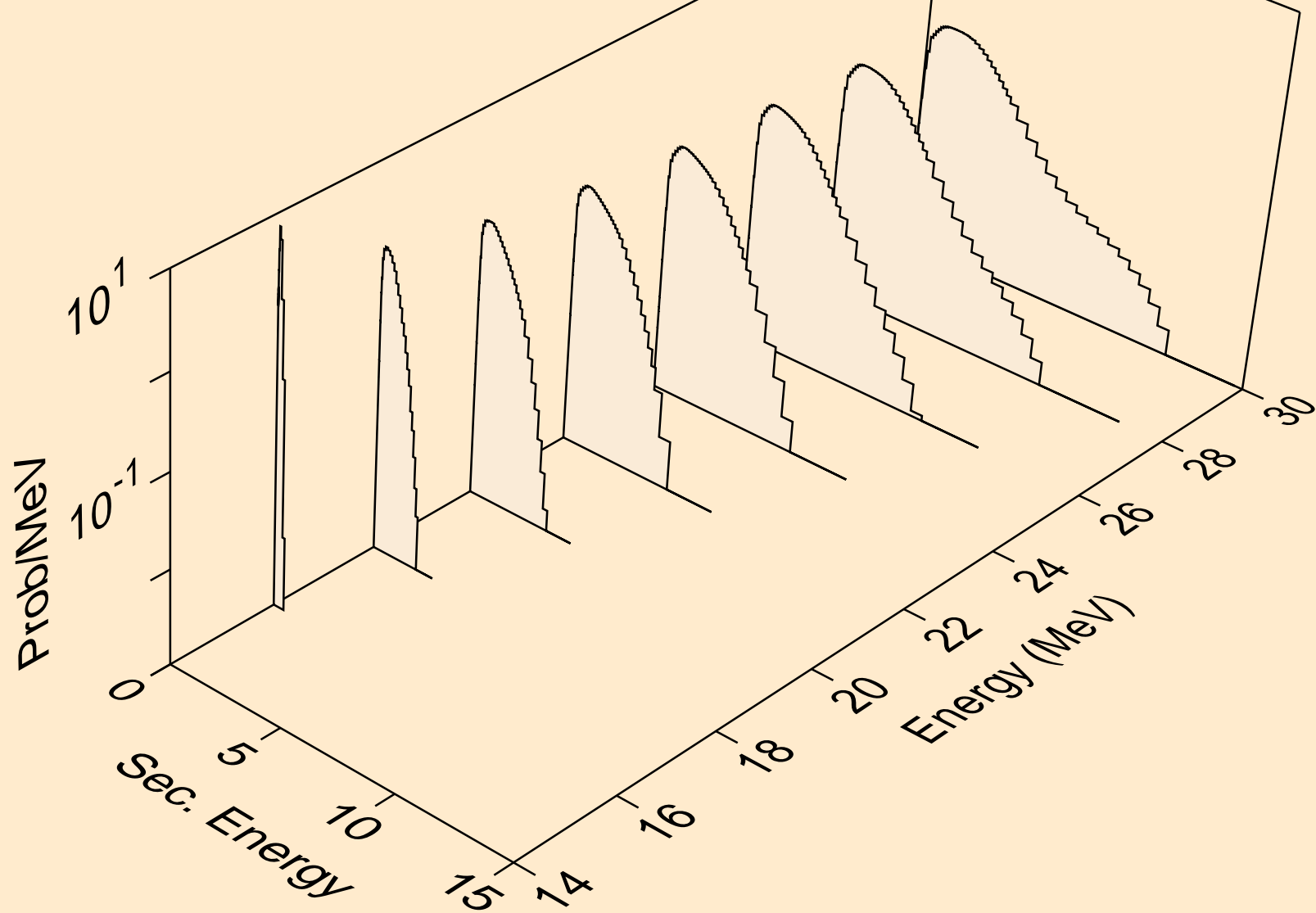
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



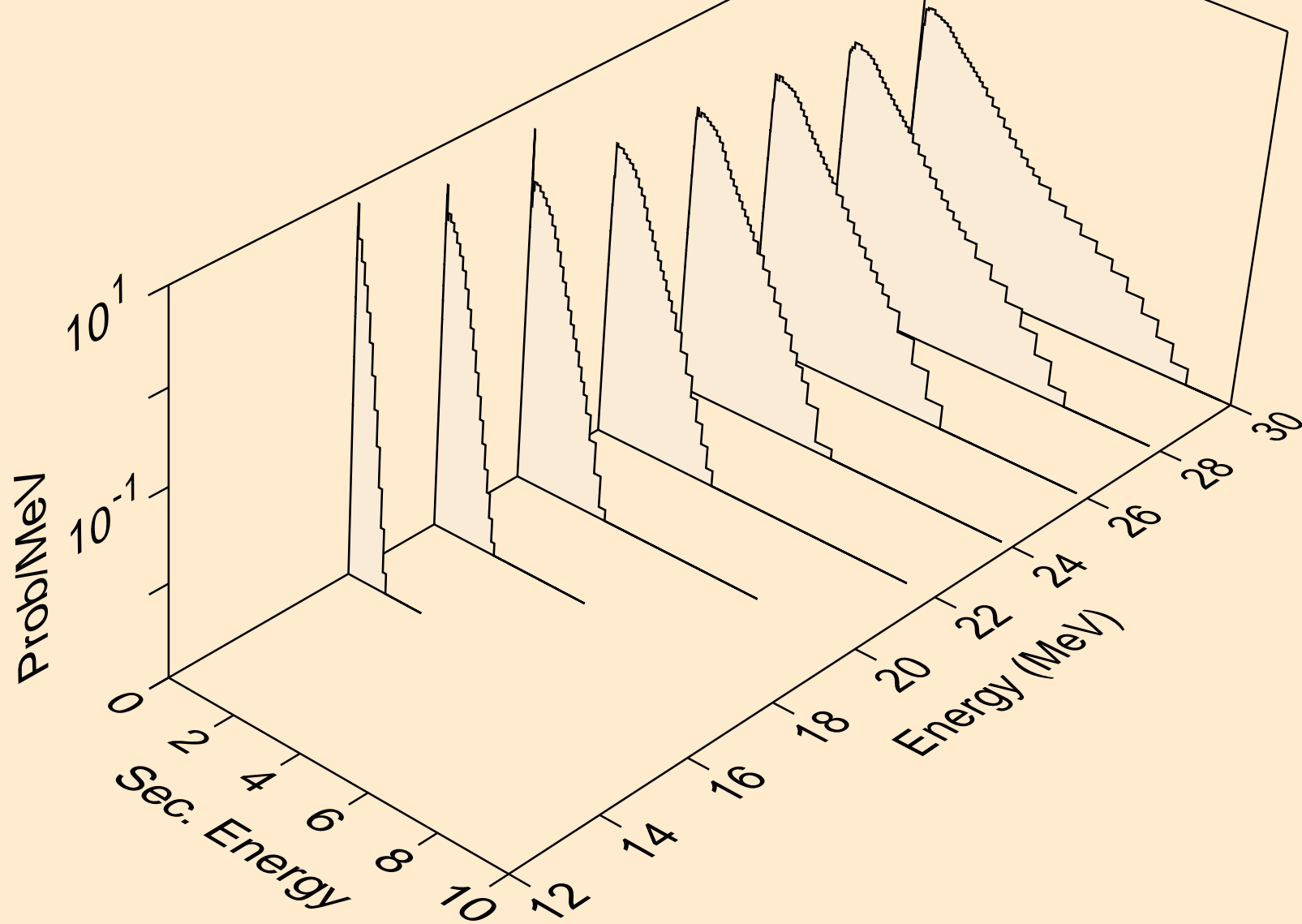
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



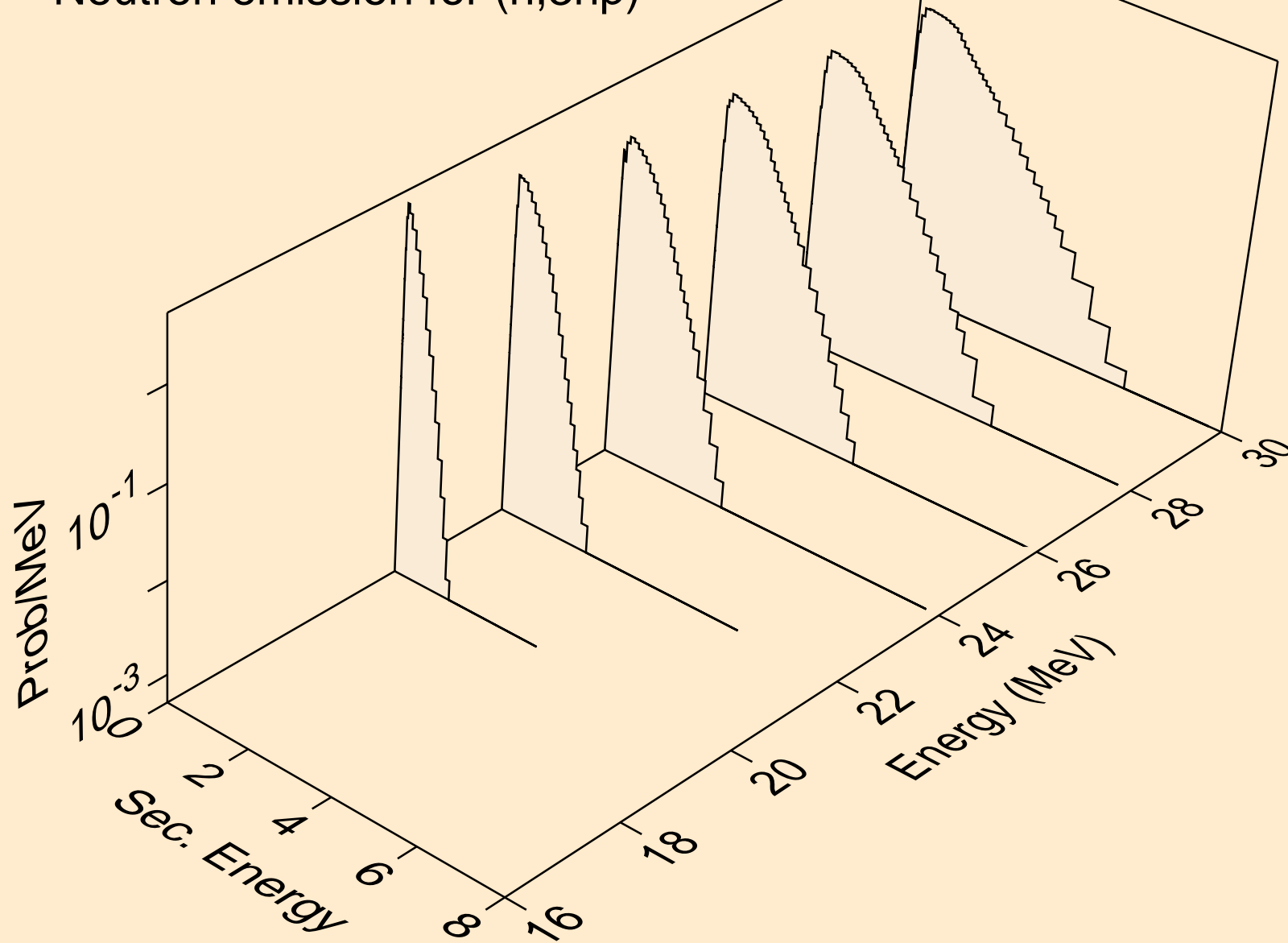
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



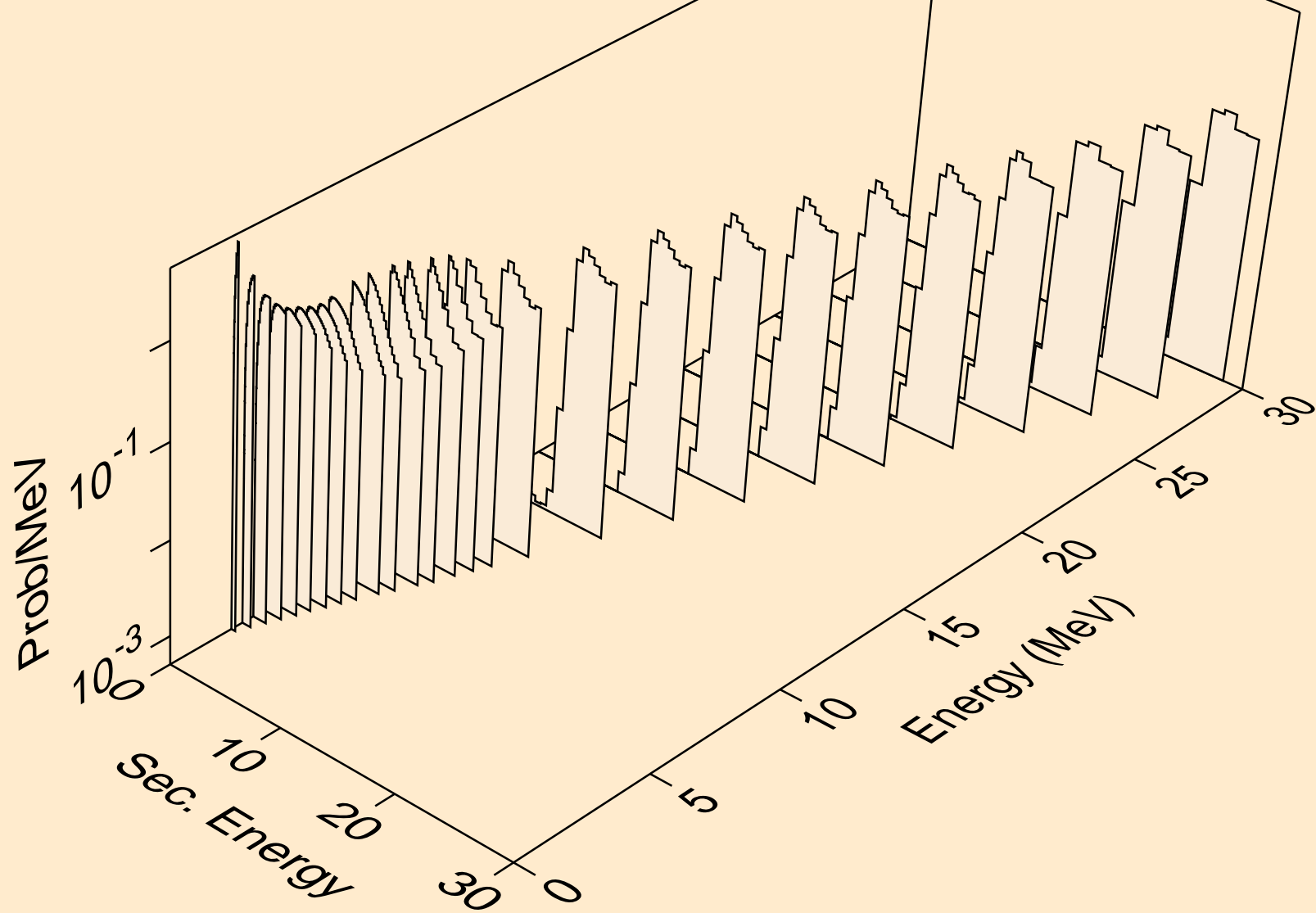
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

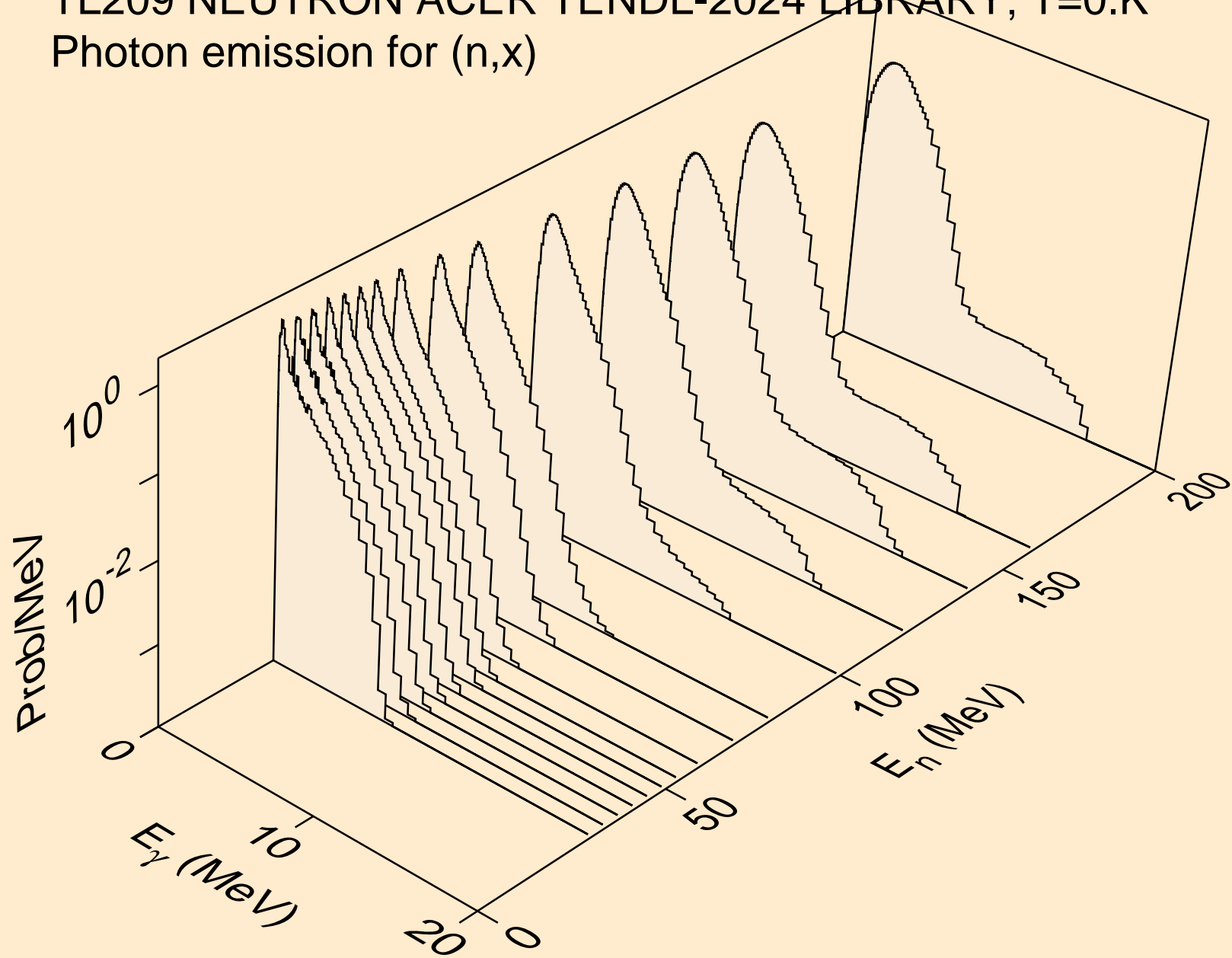


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

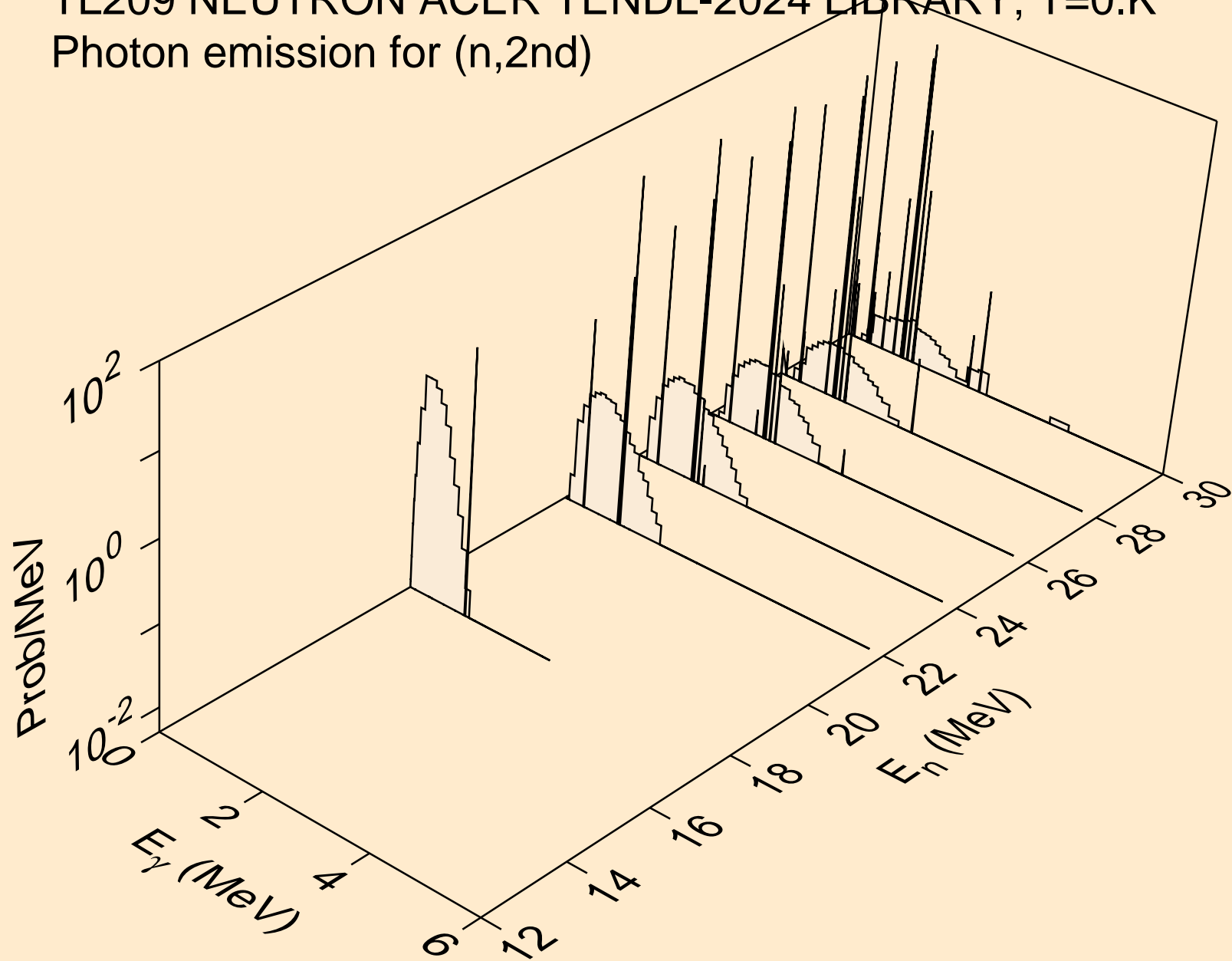




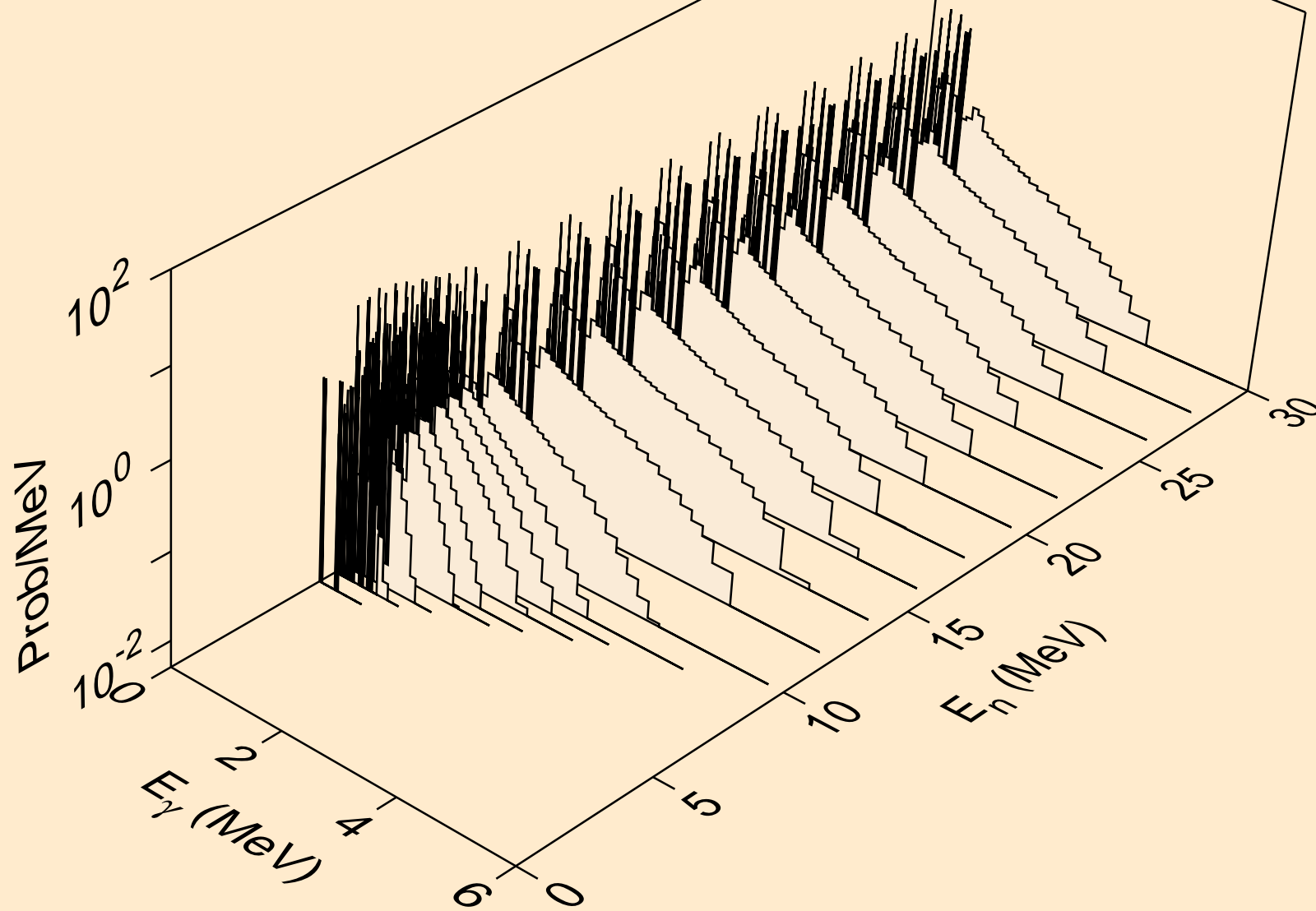
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



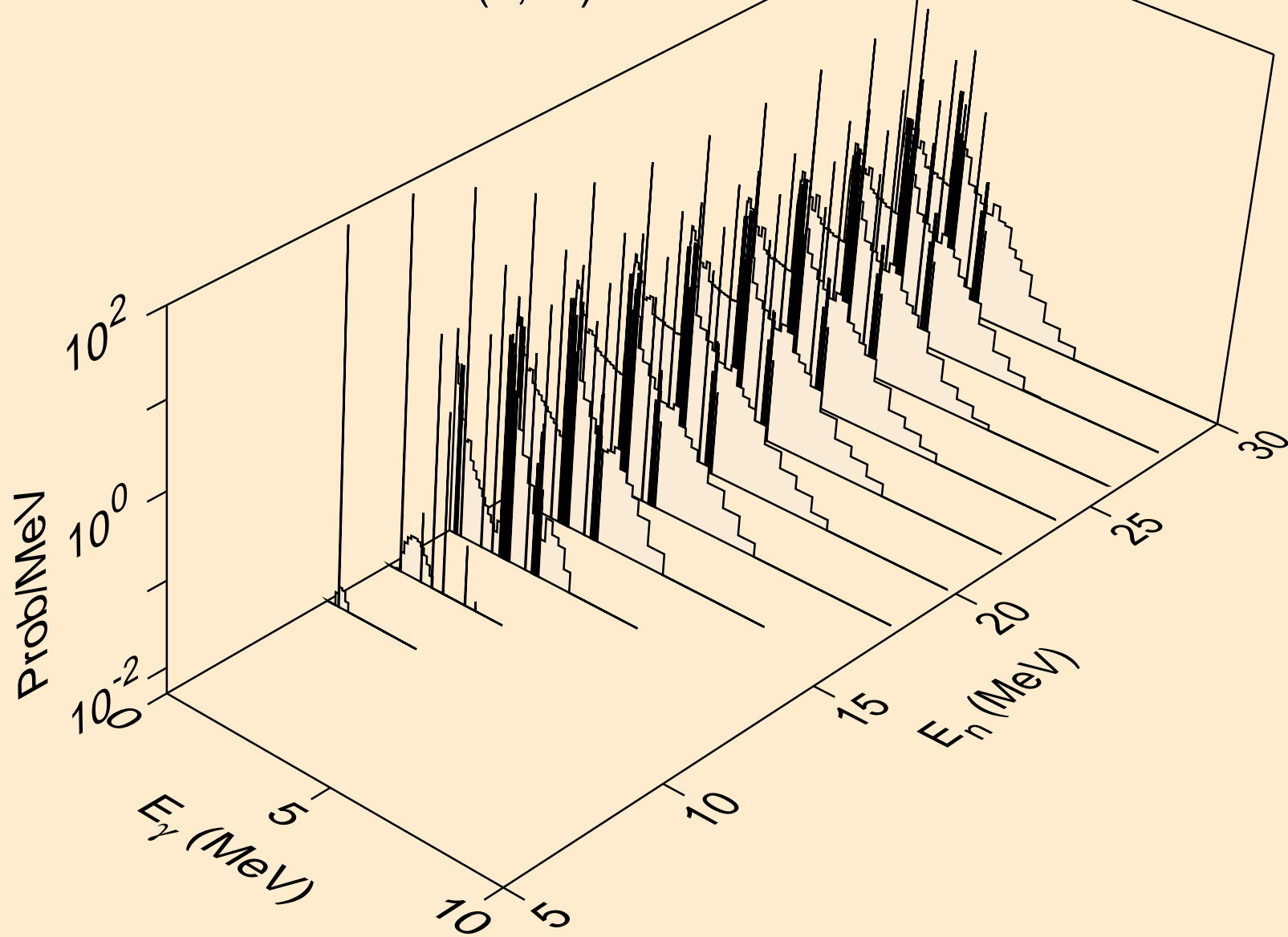
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



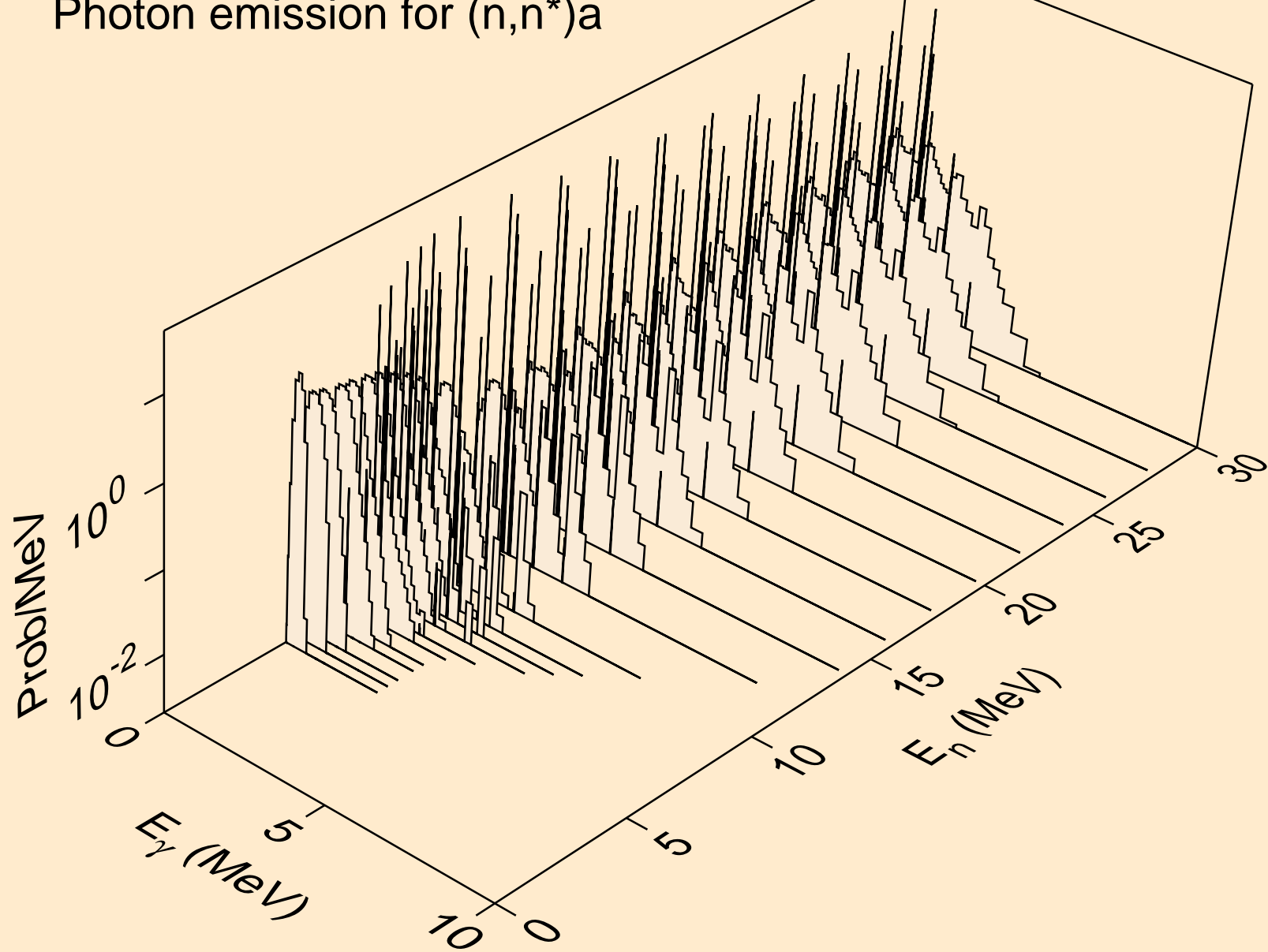
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Photon emission for (n,2n)



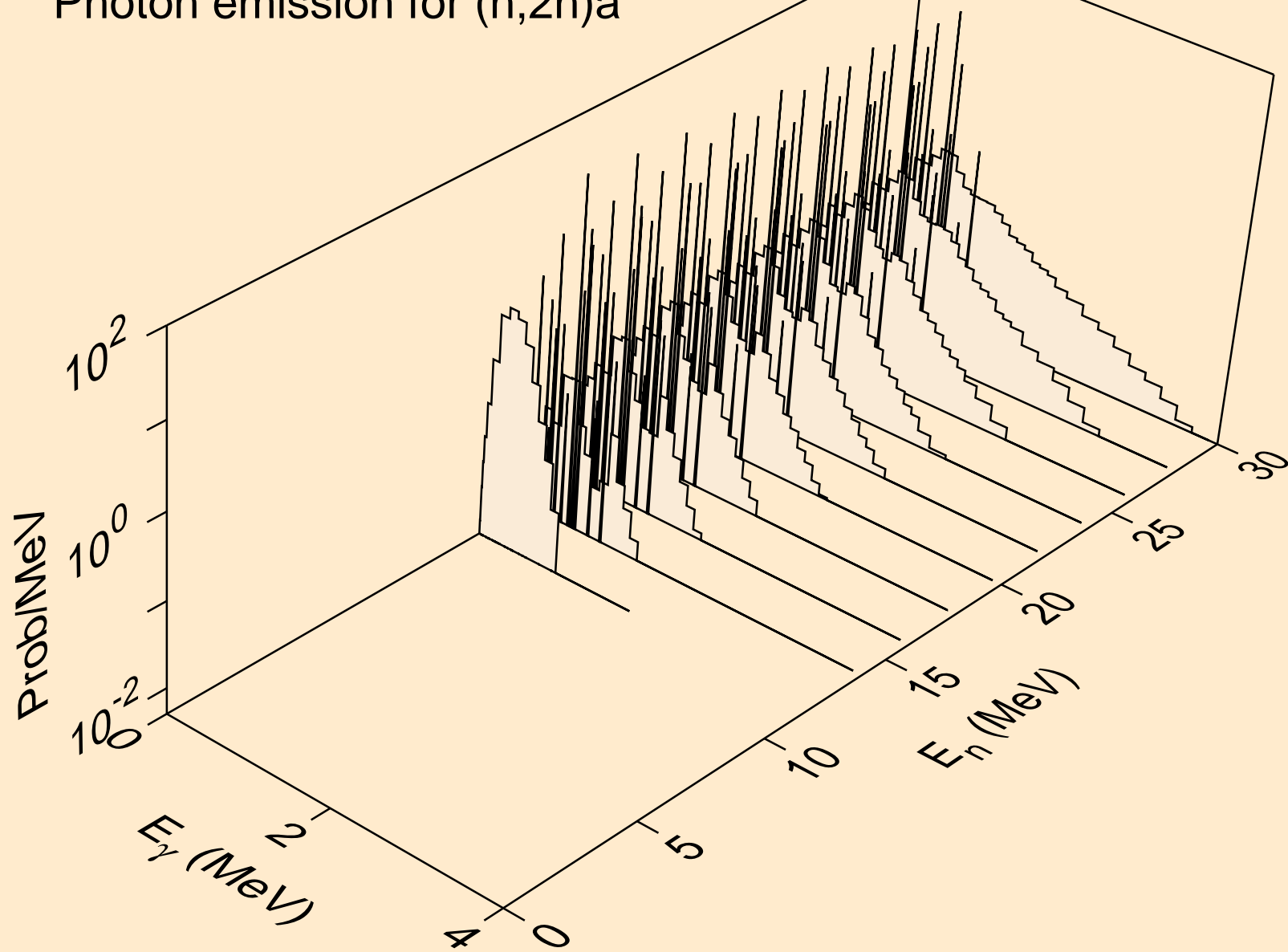
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



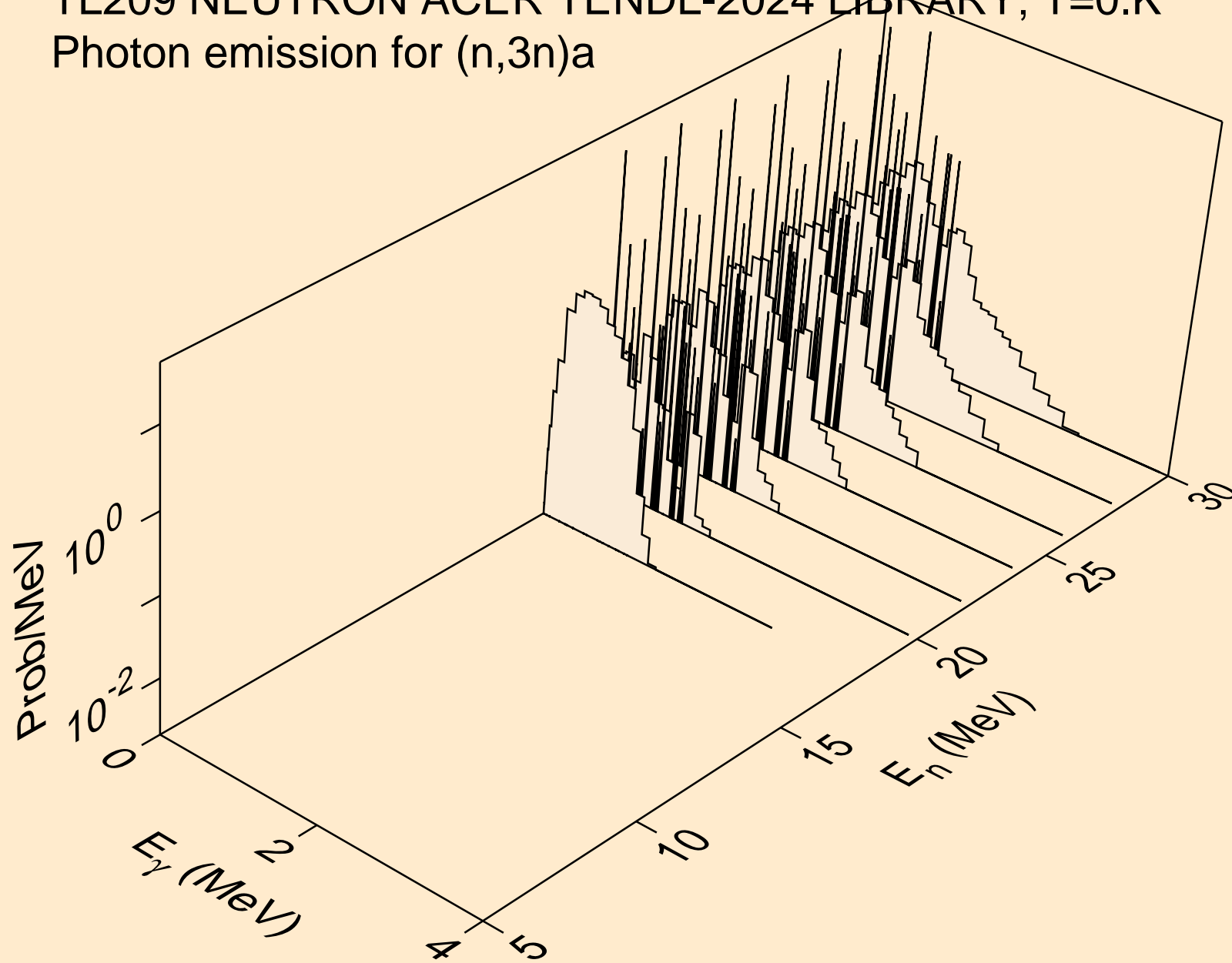
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



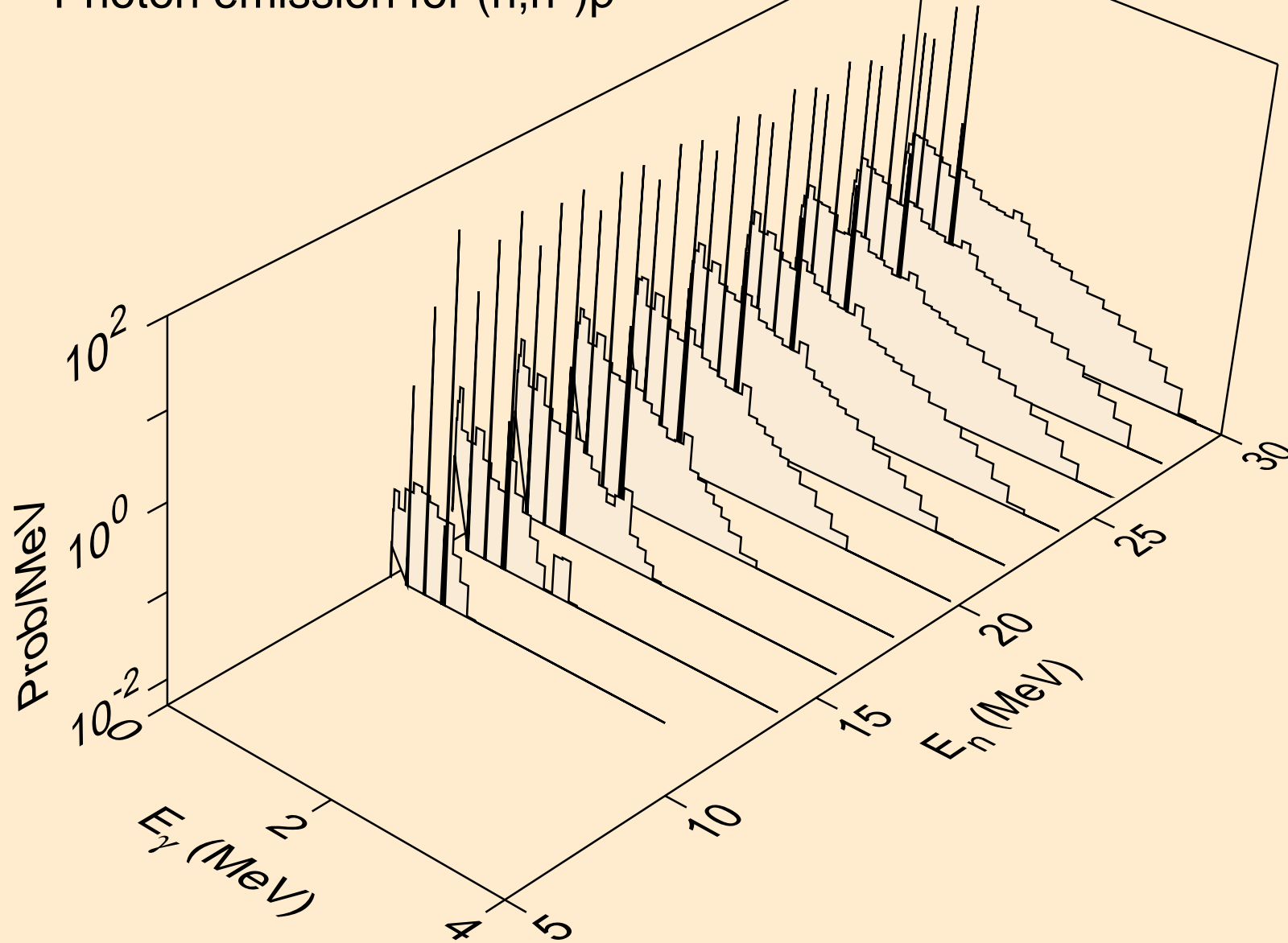
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

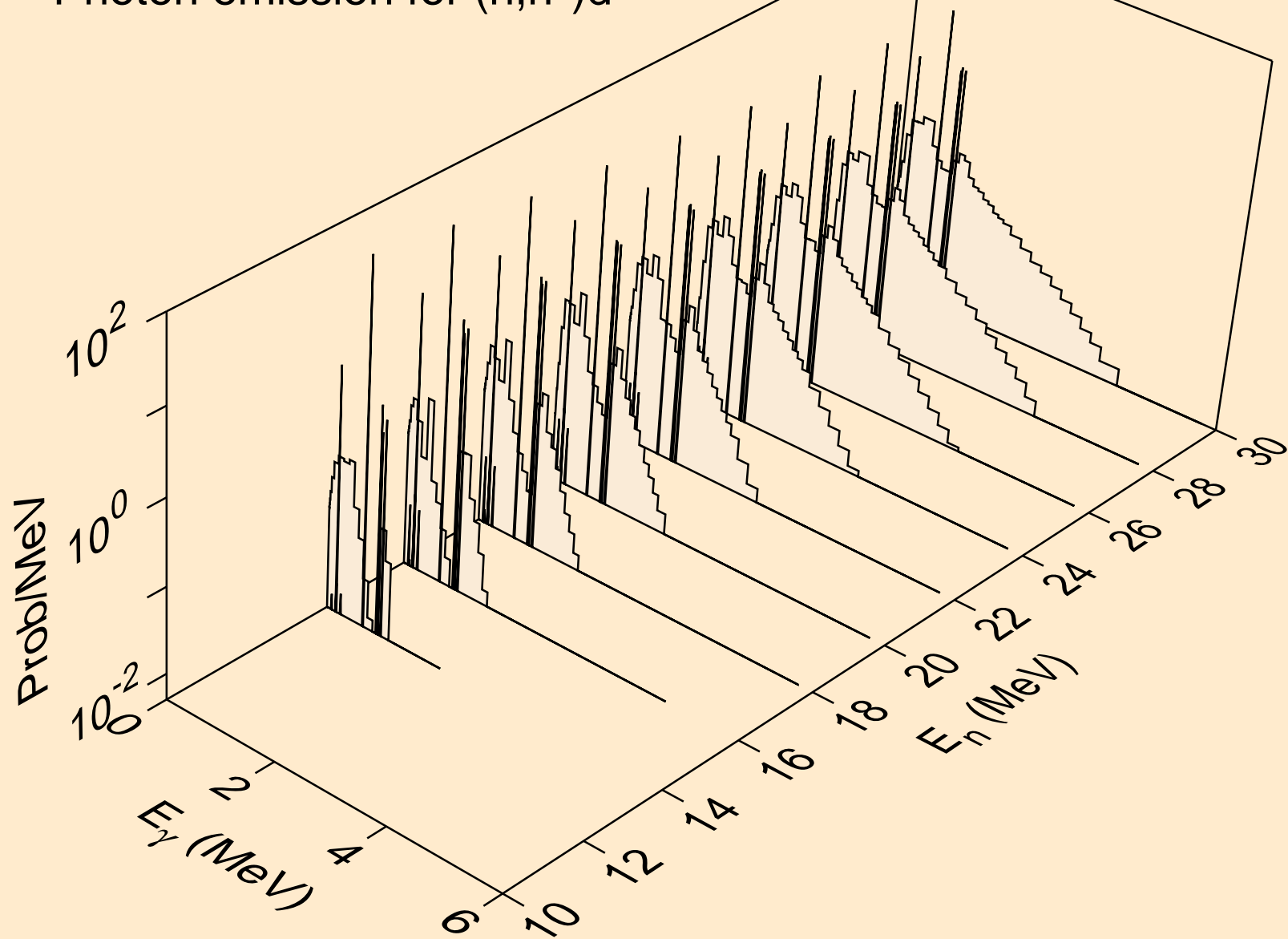


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

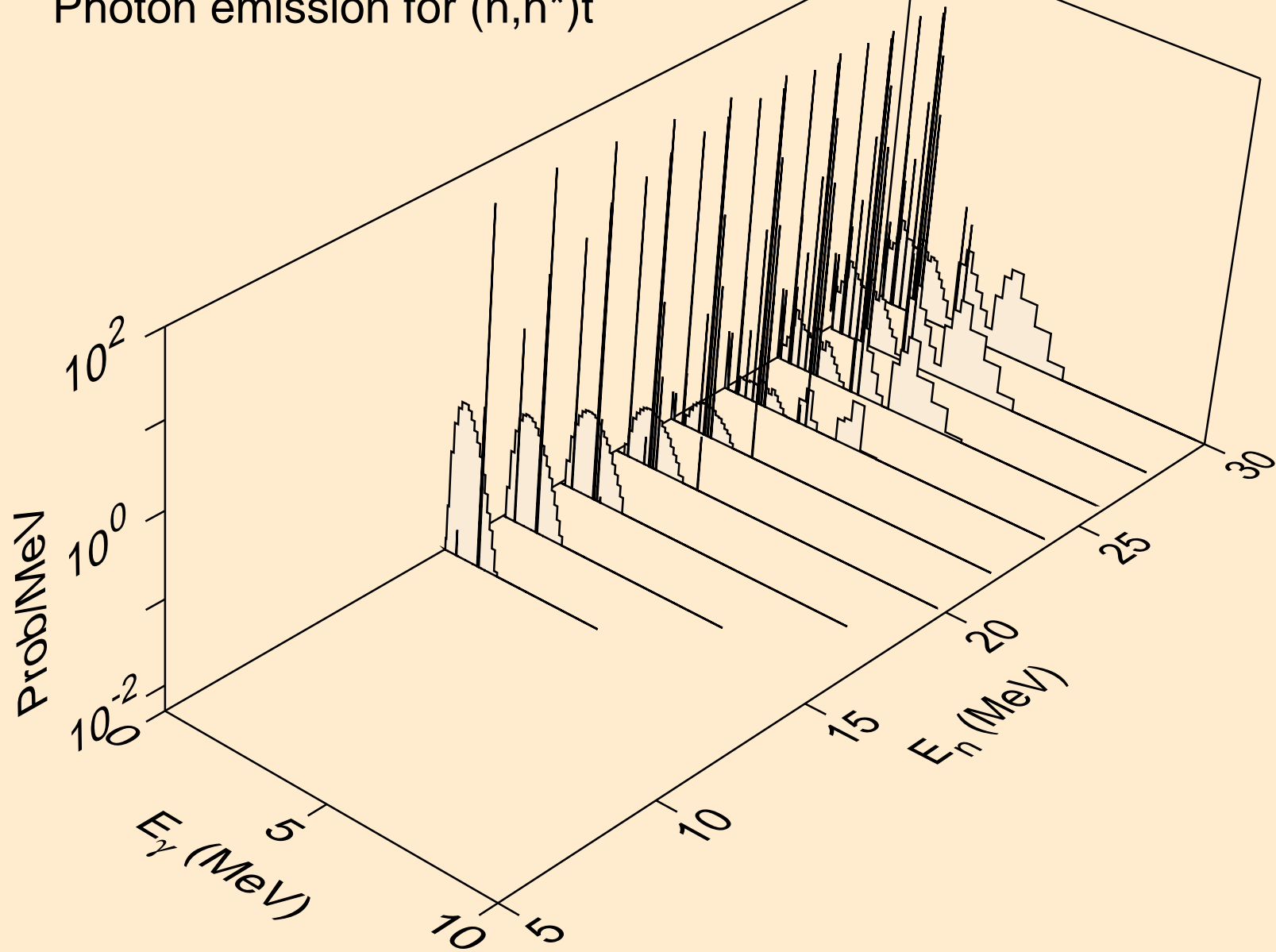




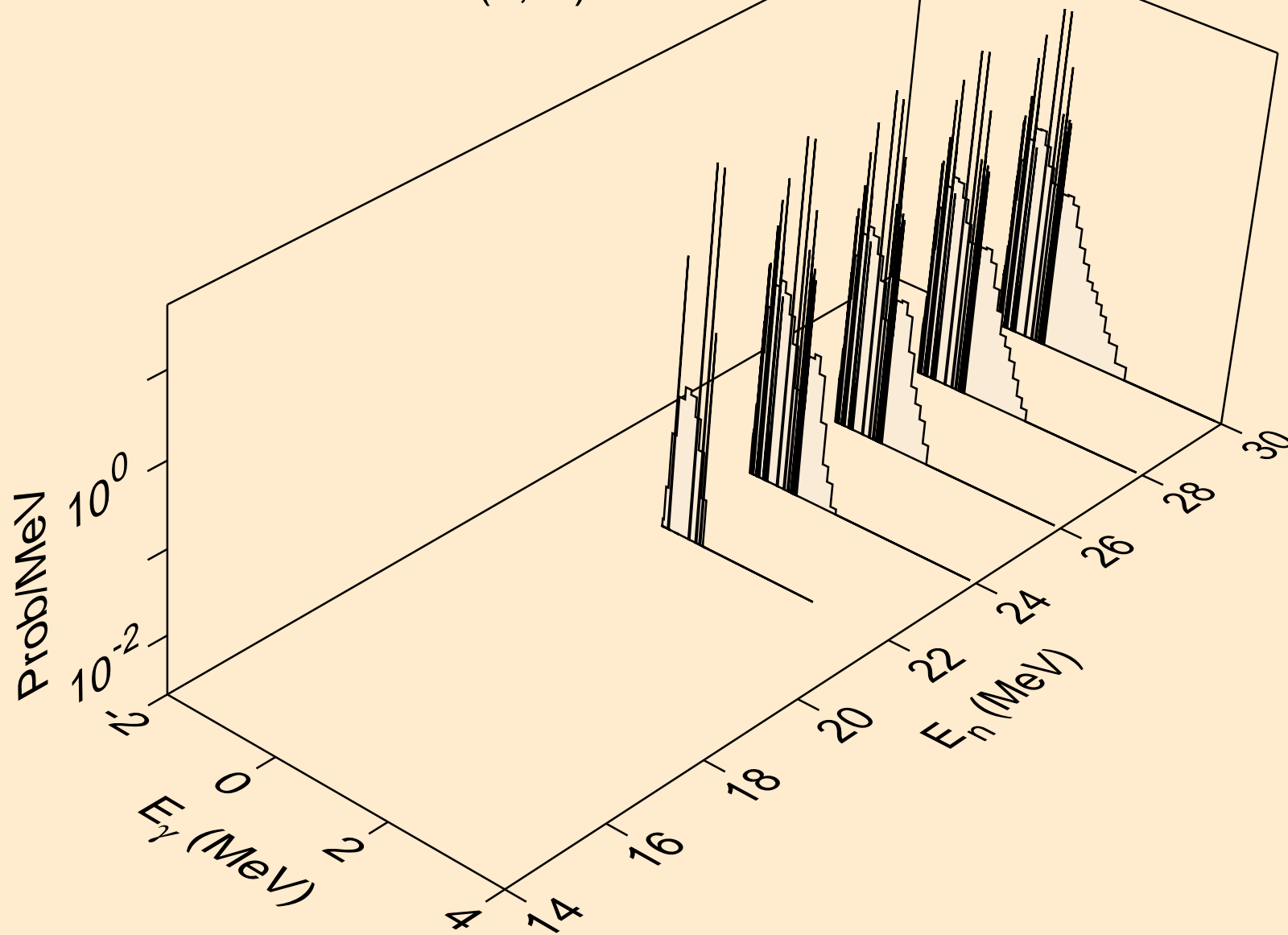
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



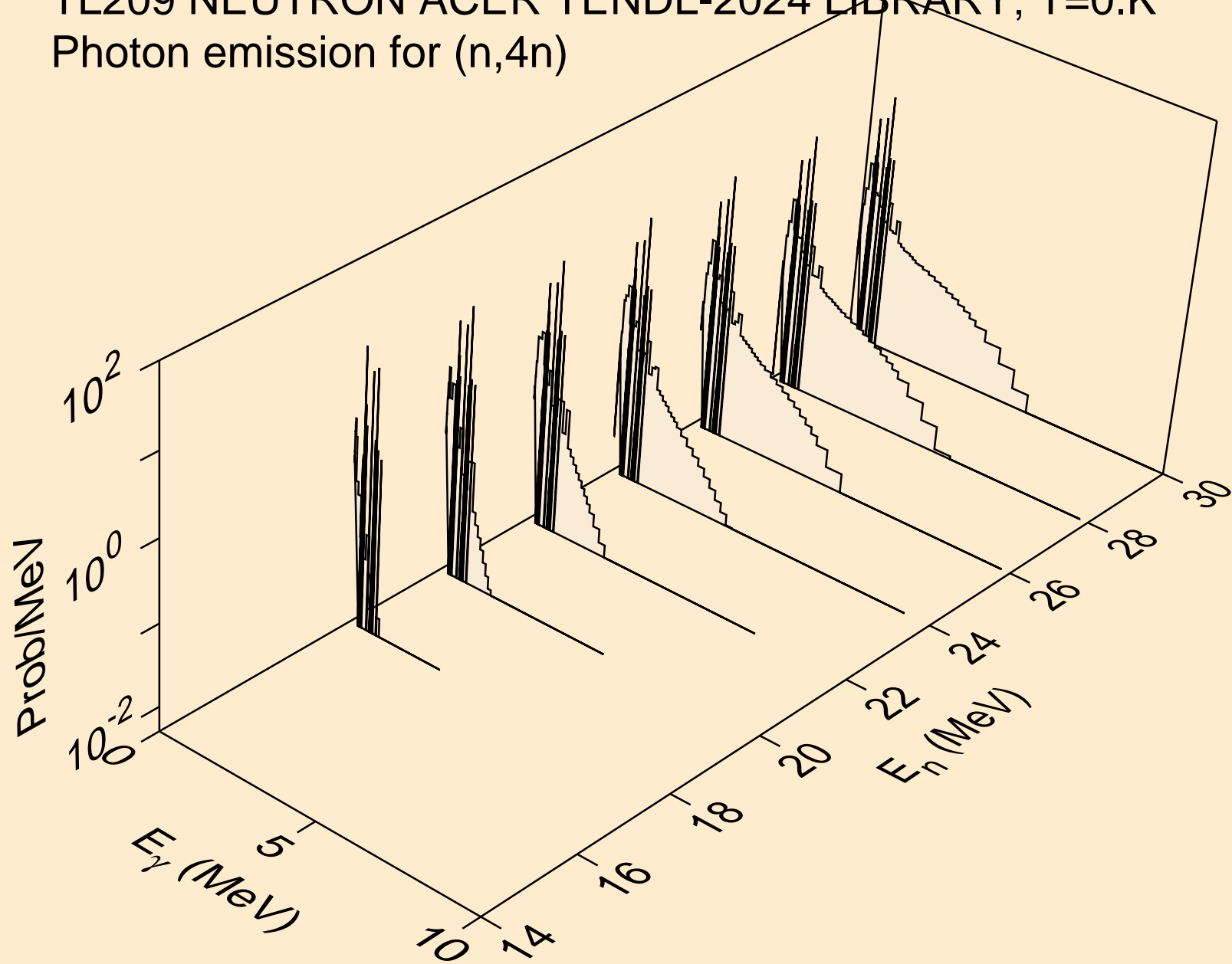
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



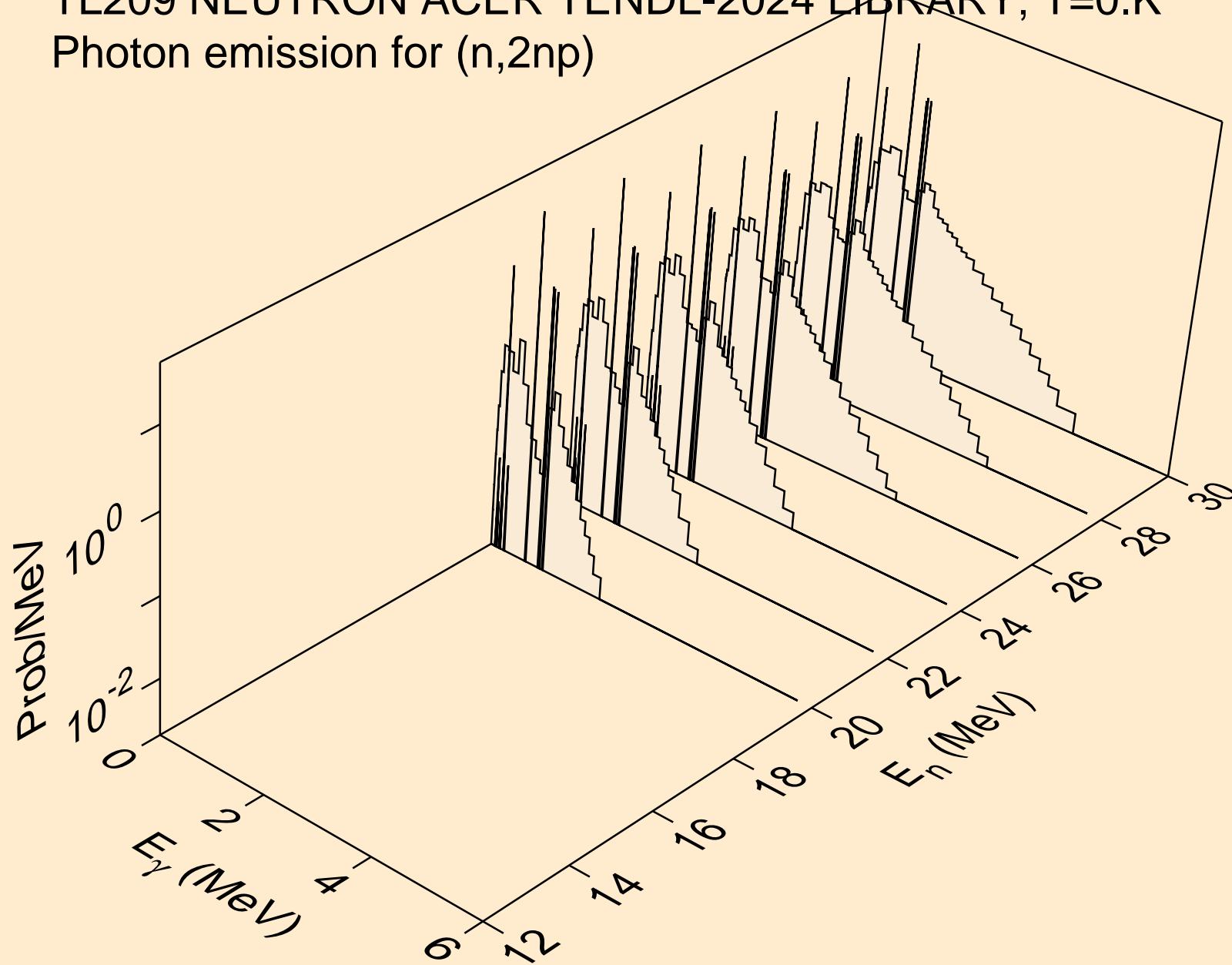
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



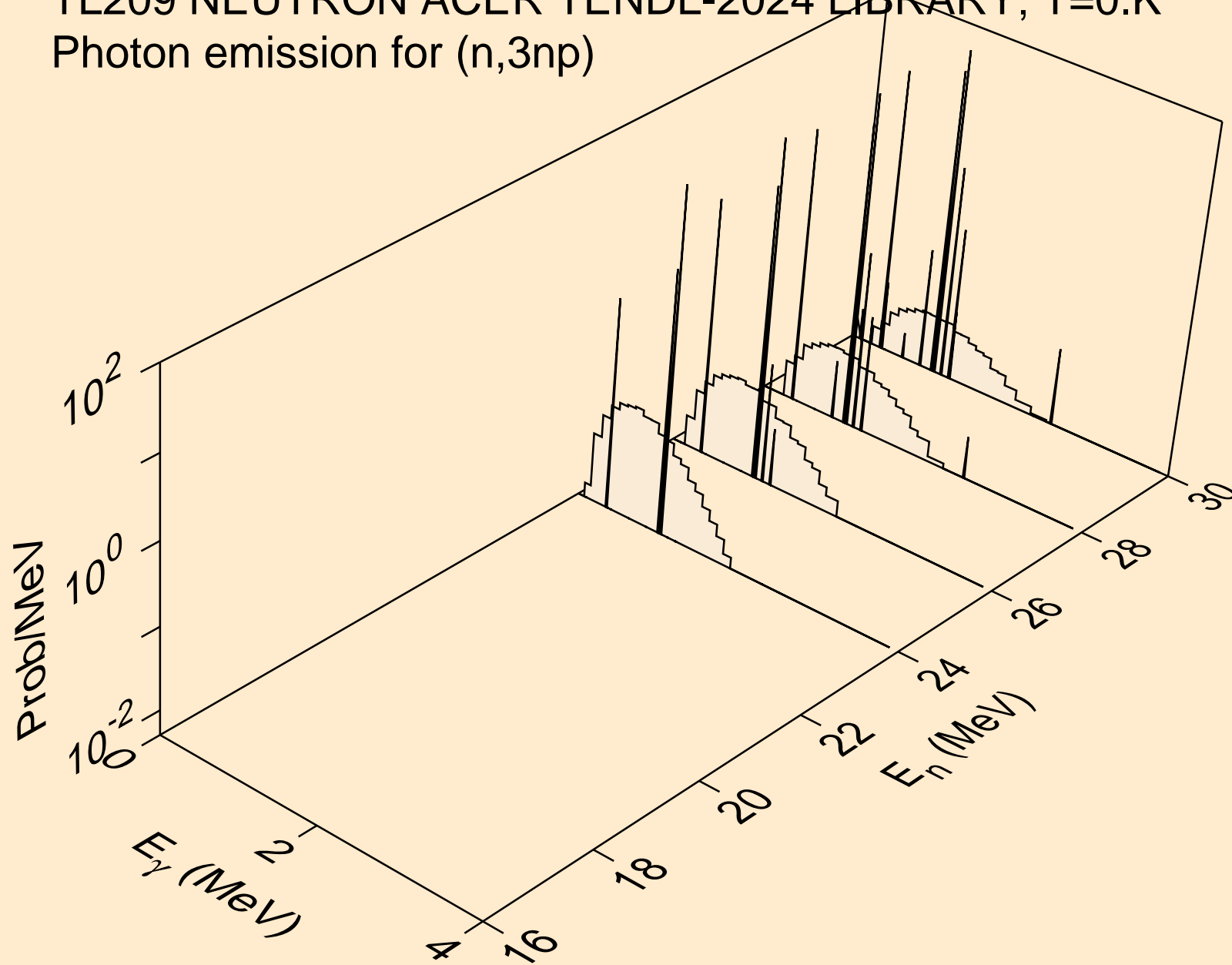
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



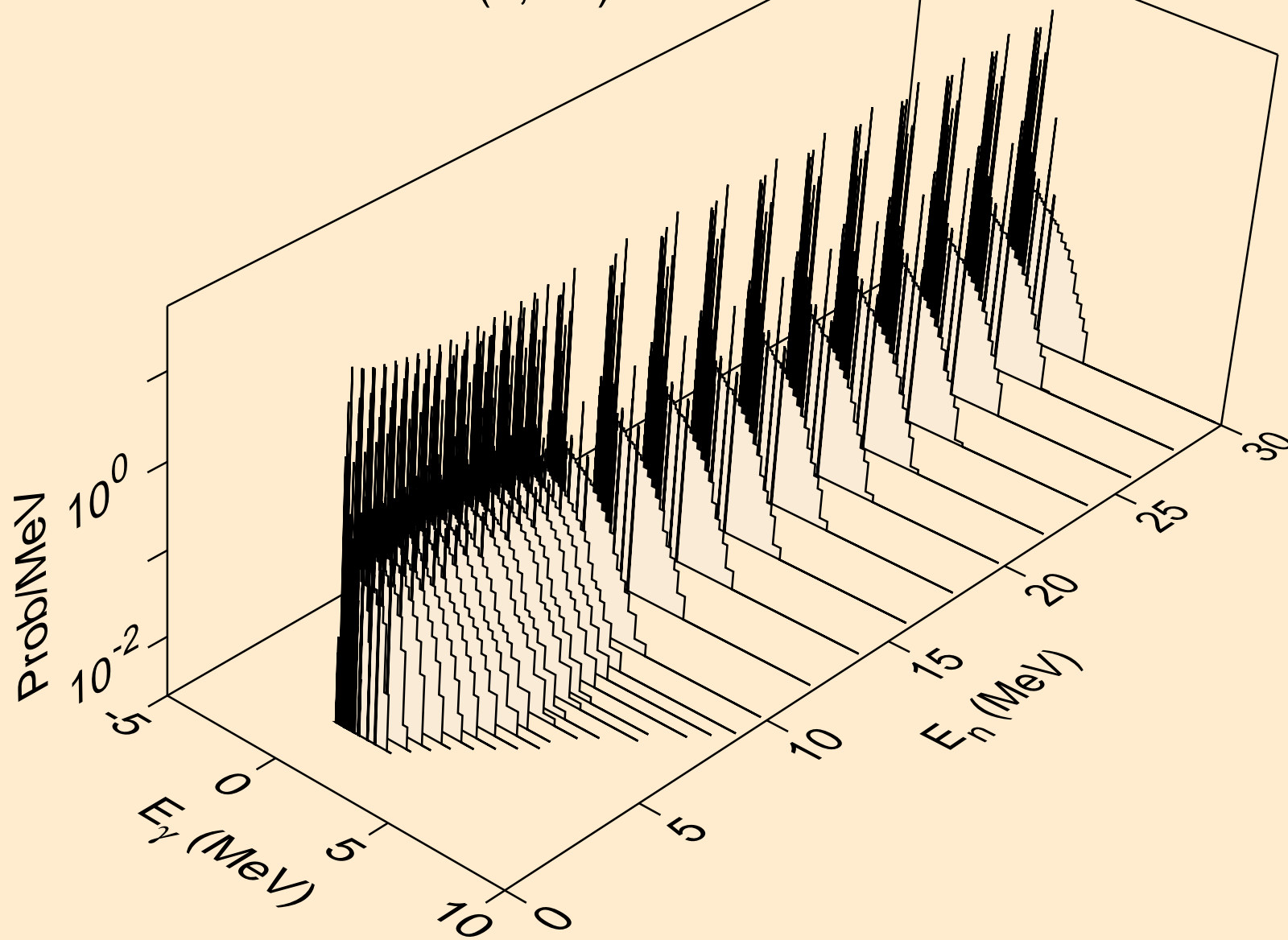
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Photon emission for (n,2np)



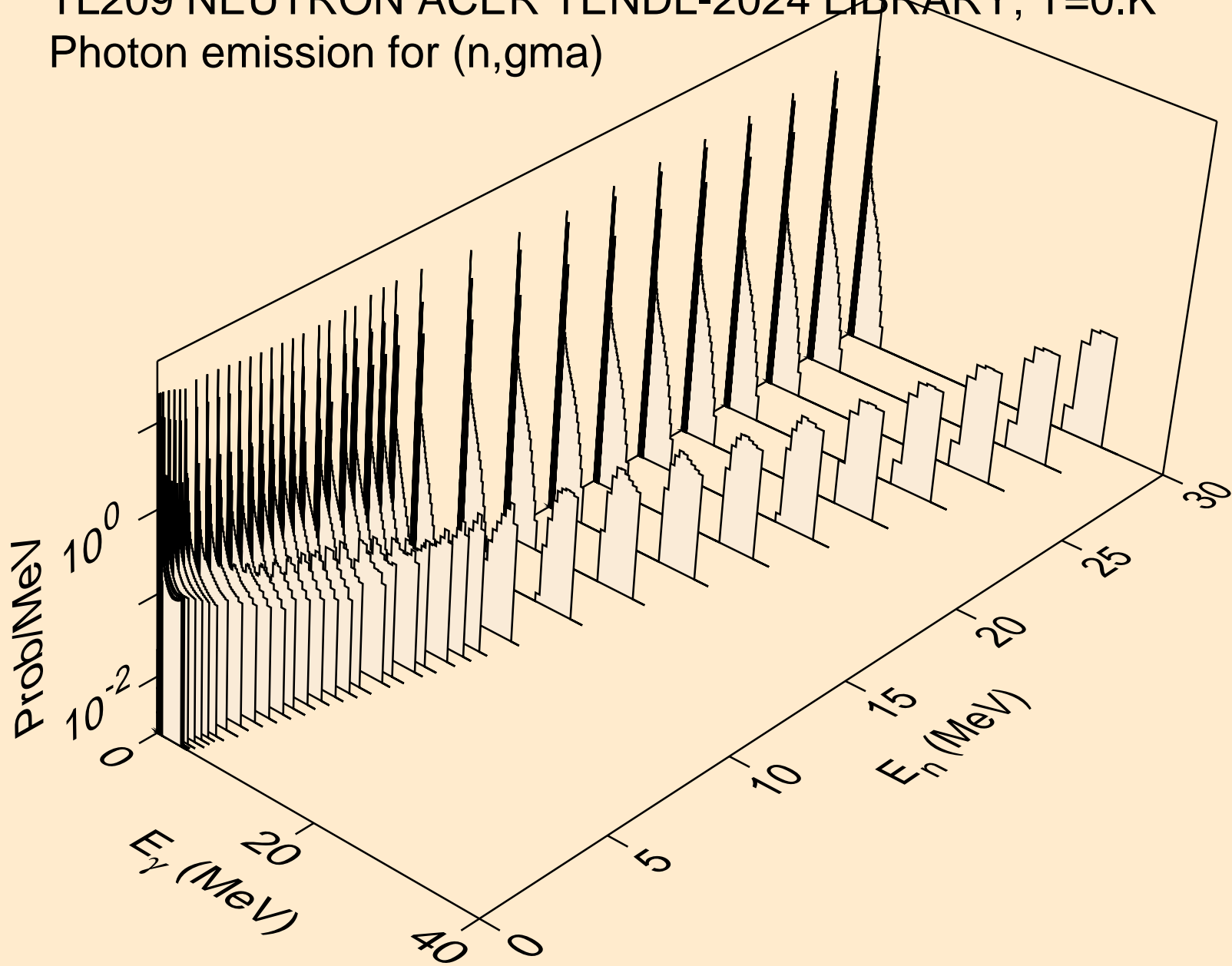
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

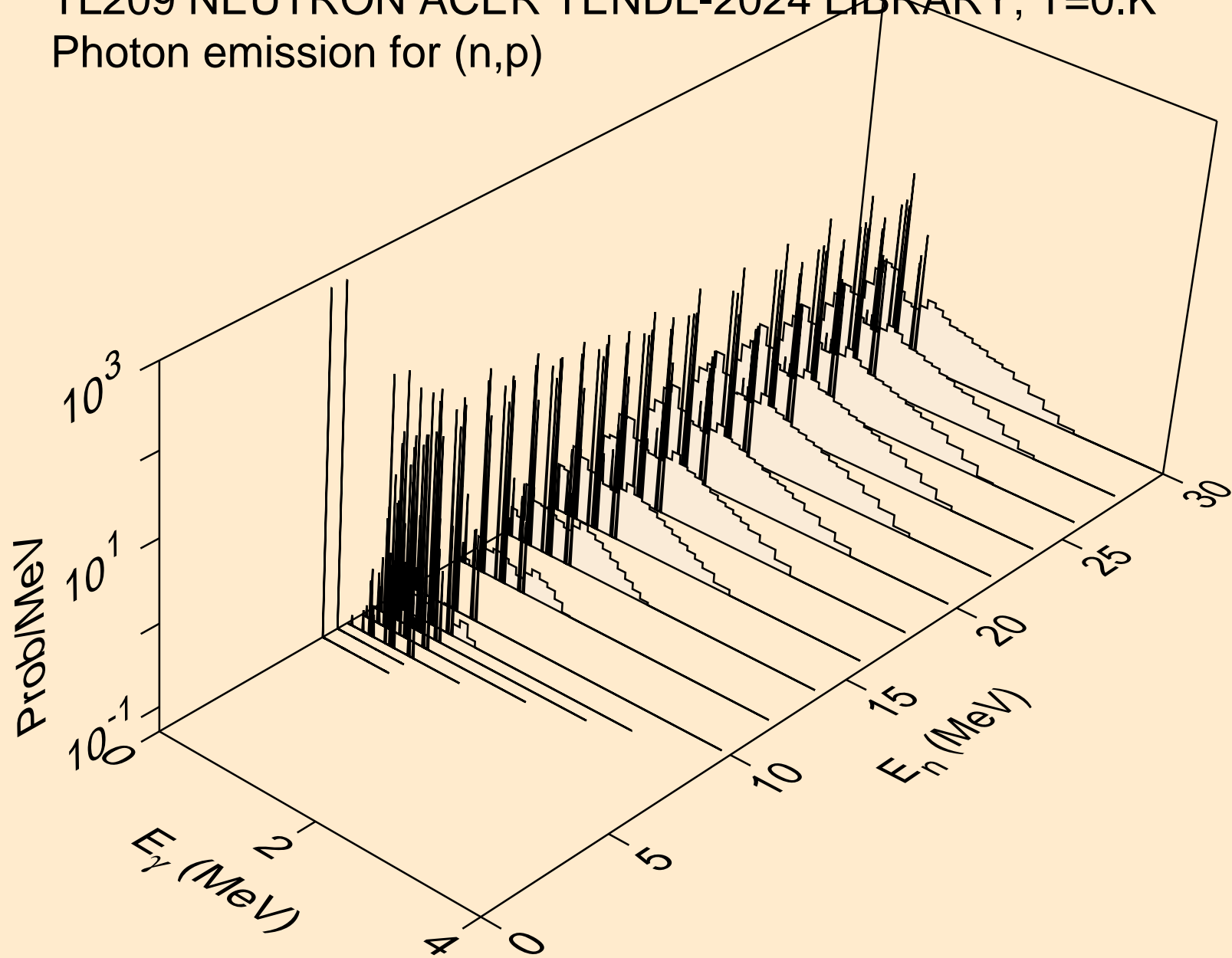


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Photon emission for (n,gma)

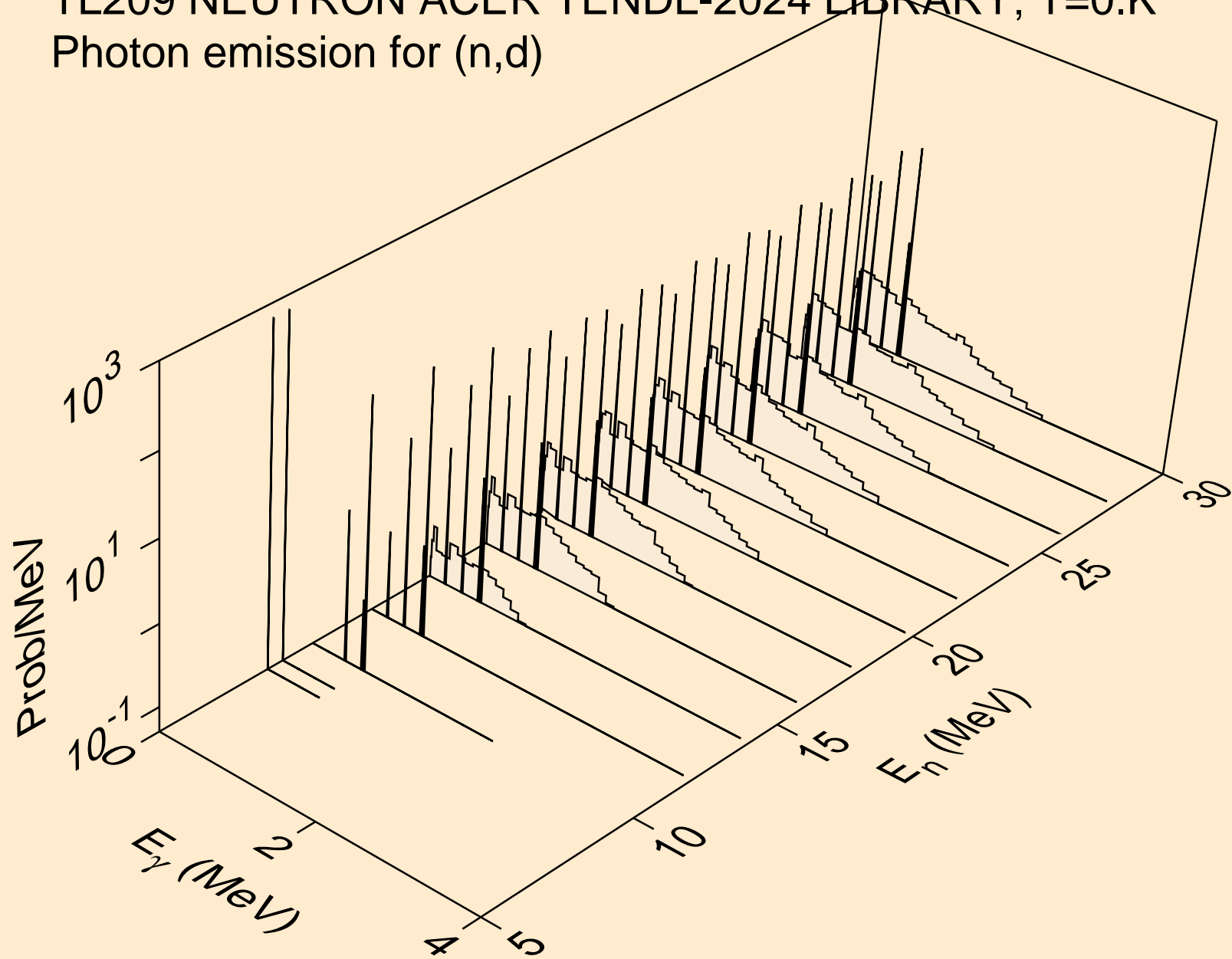




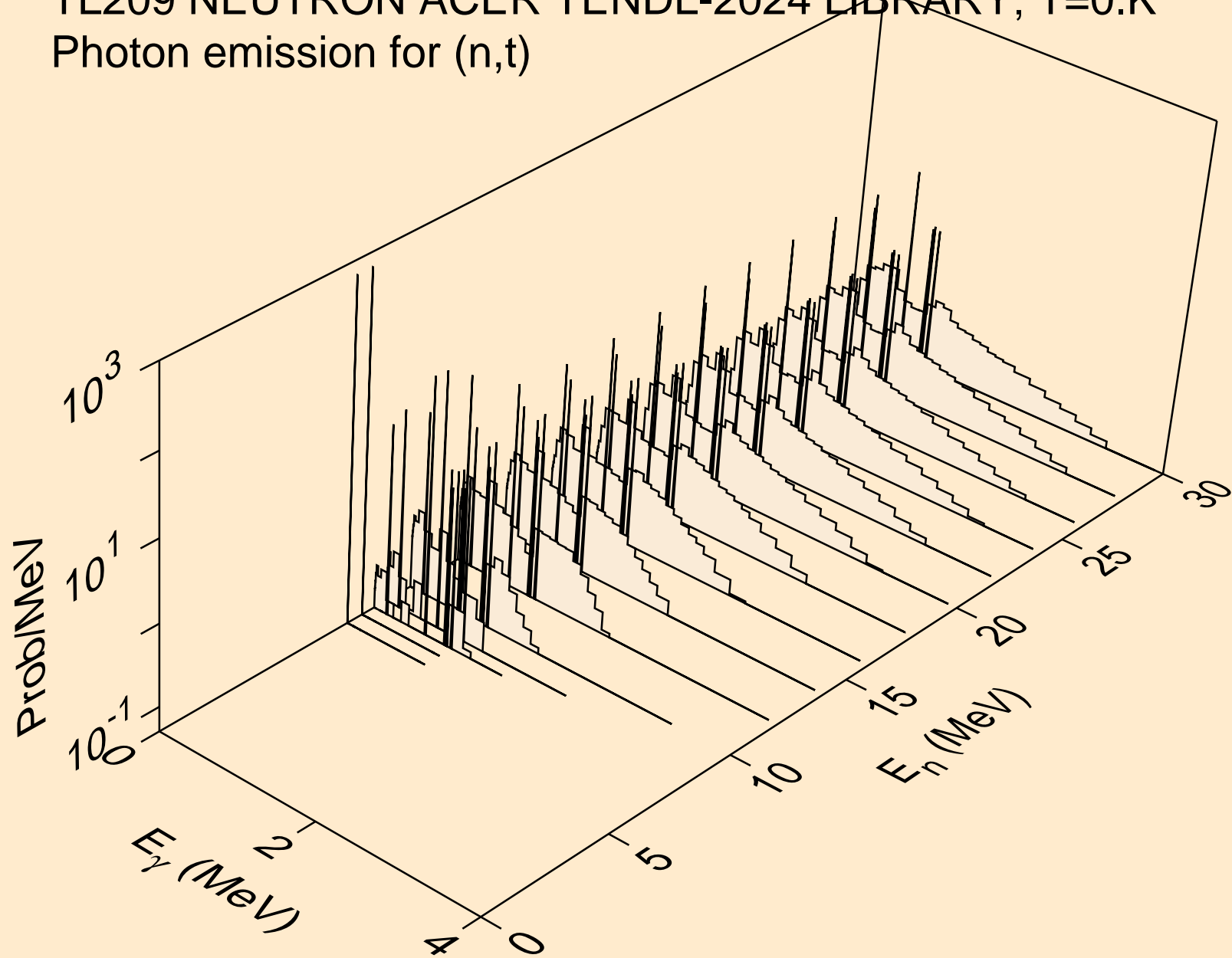
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



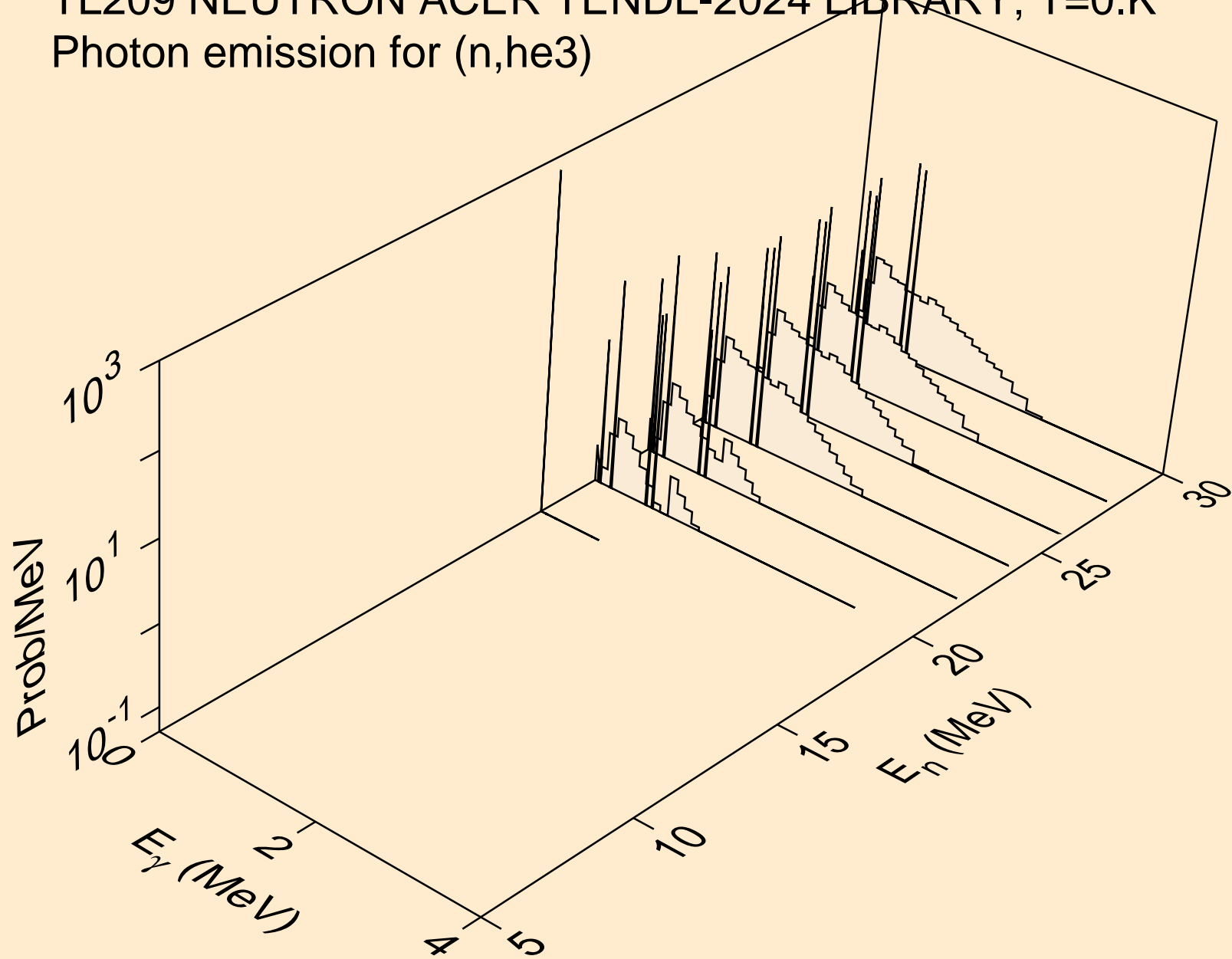
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



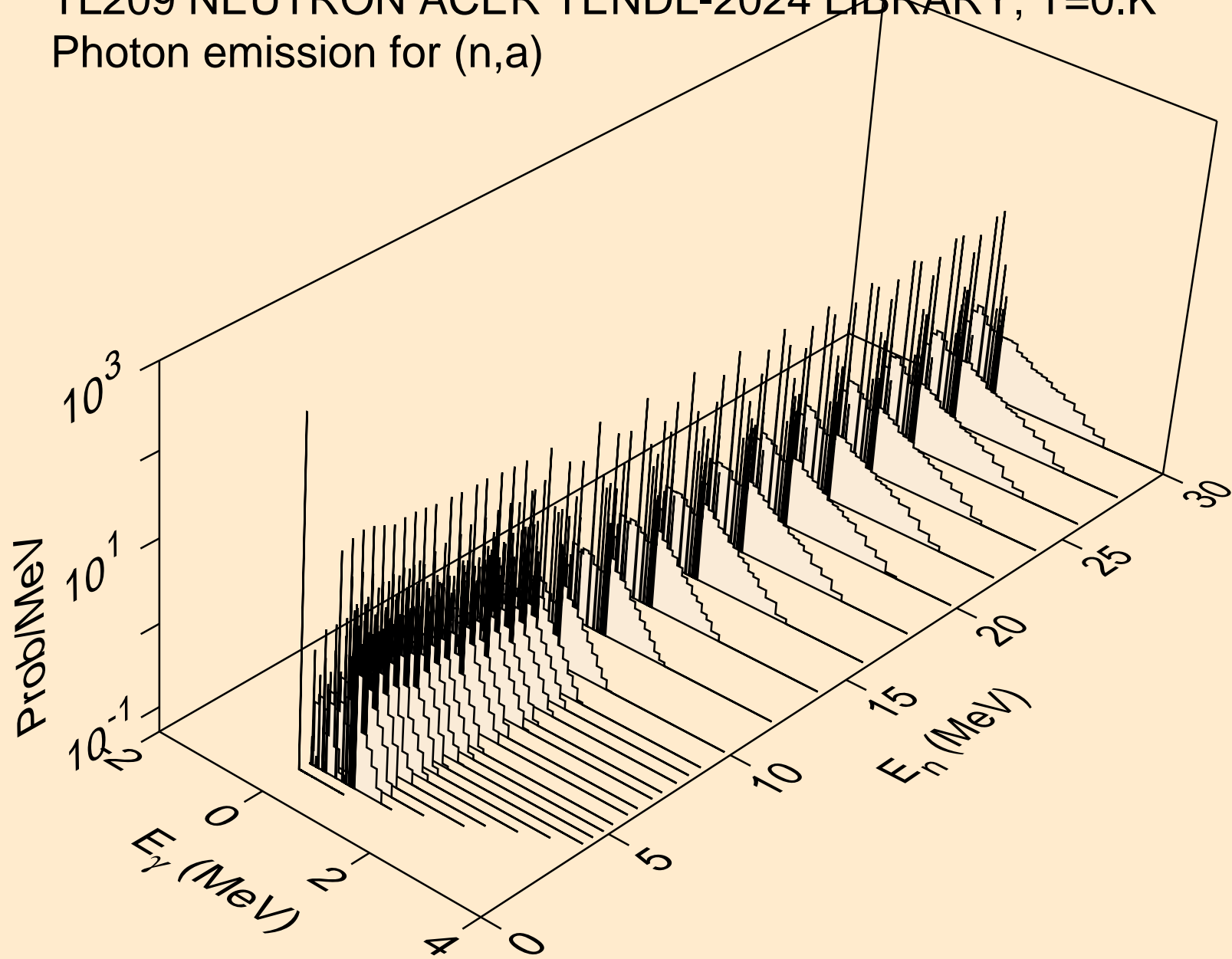
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



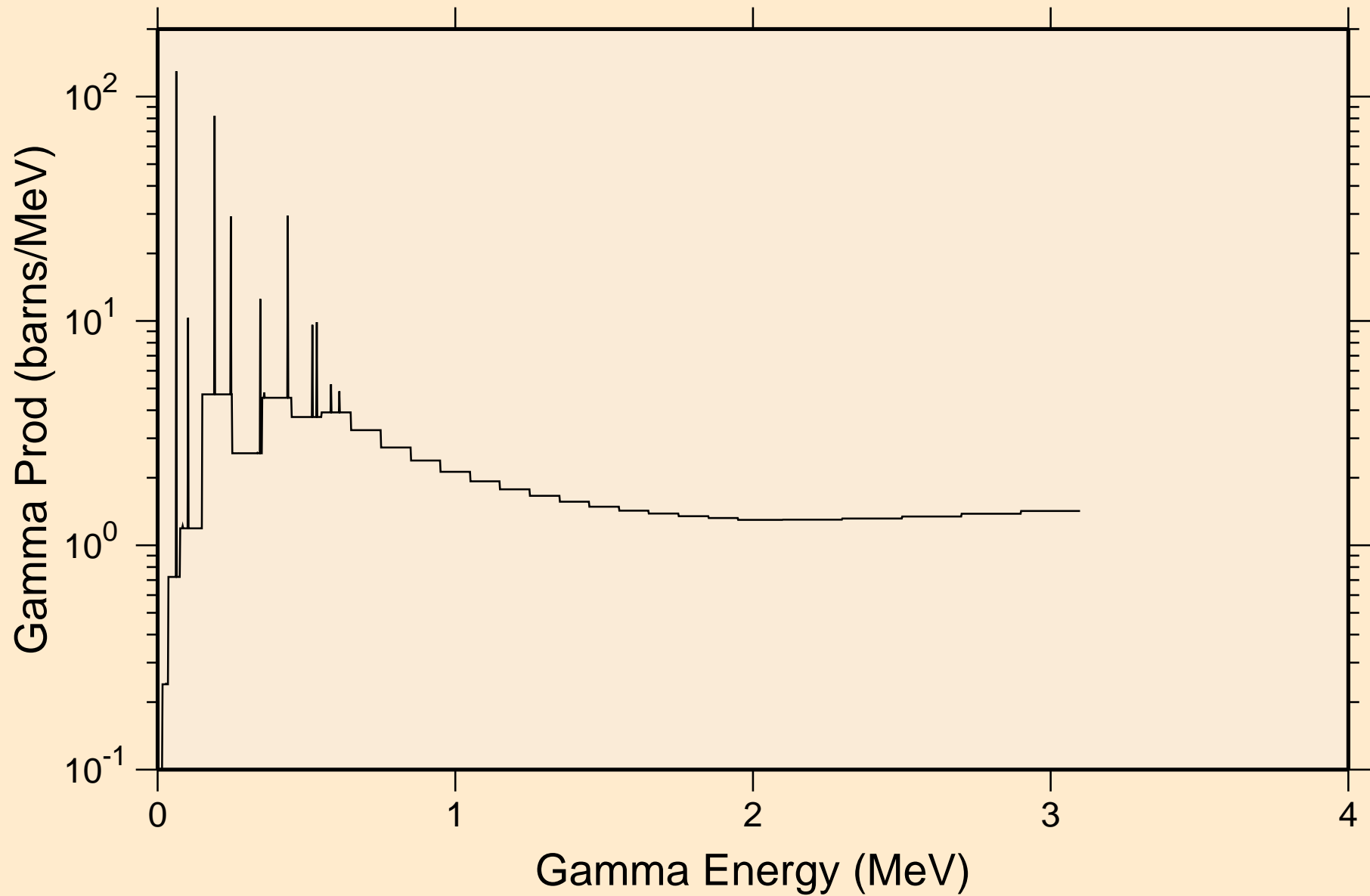
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Photon emission for (n,he3)



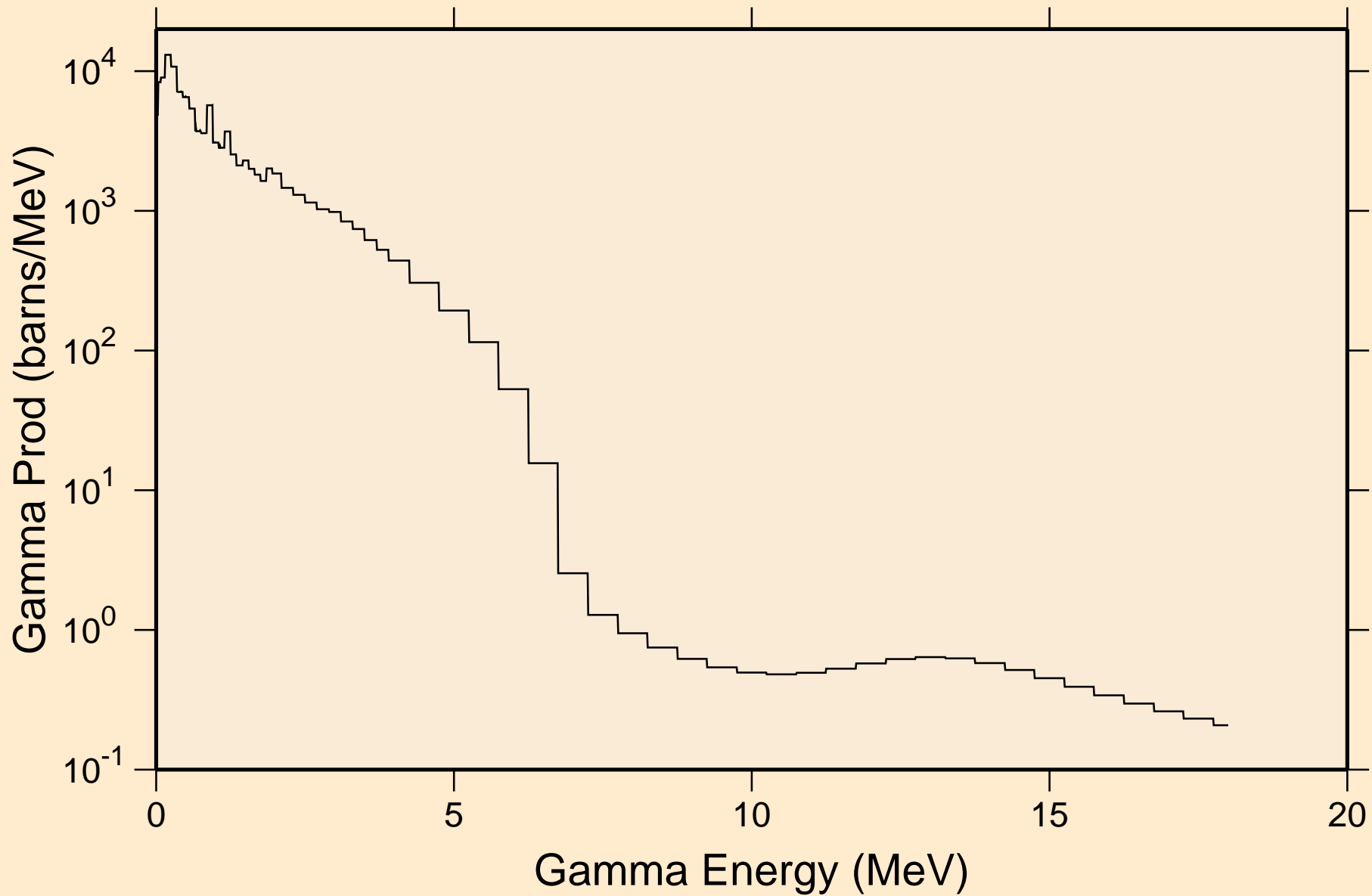
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

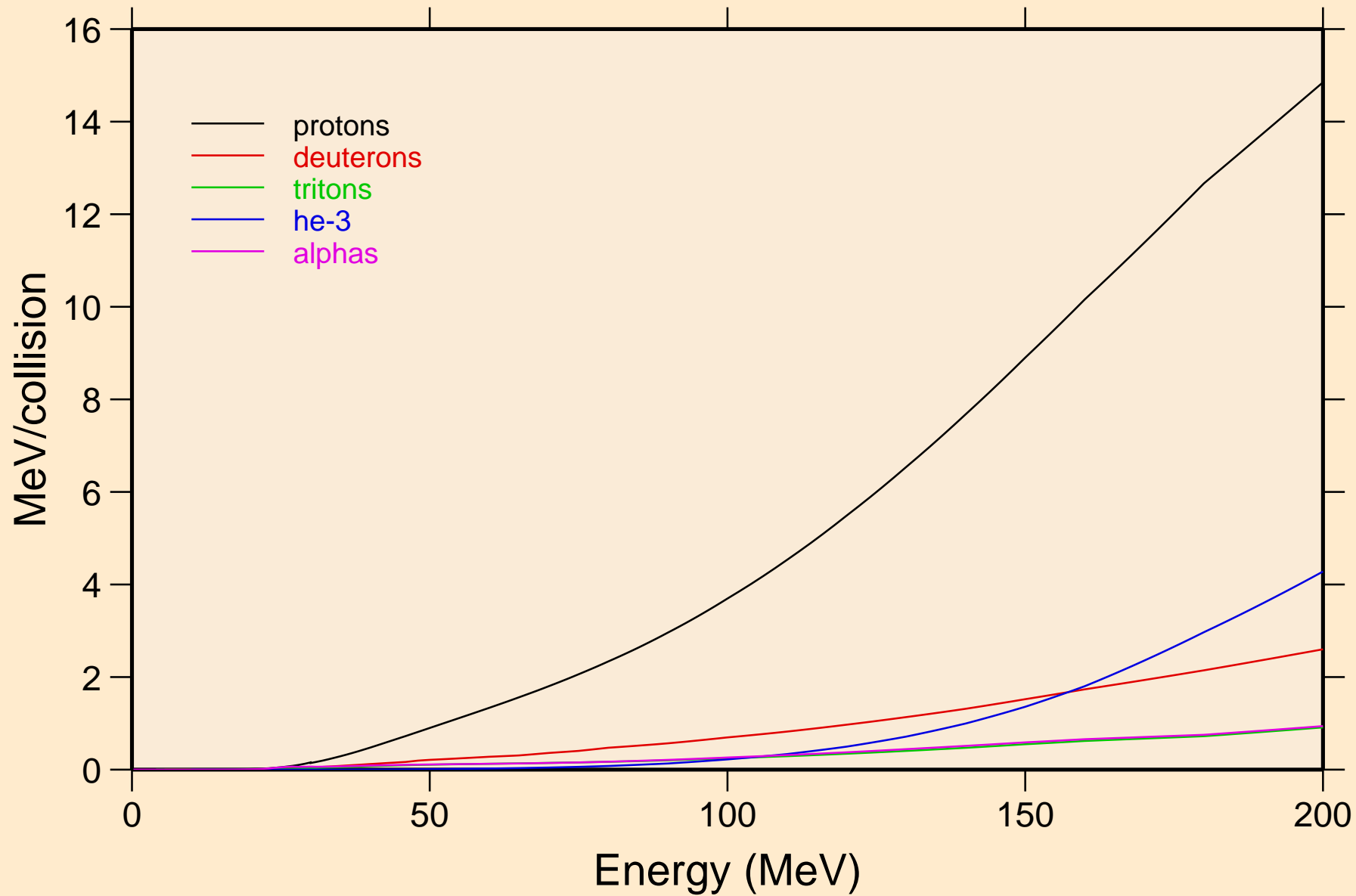


TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



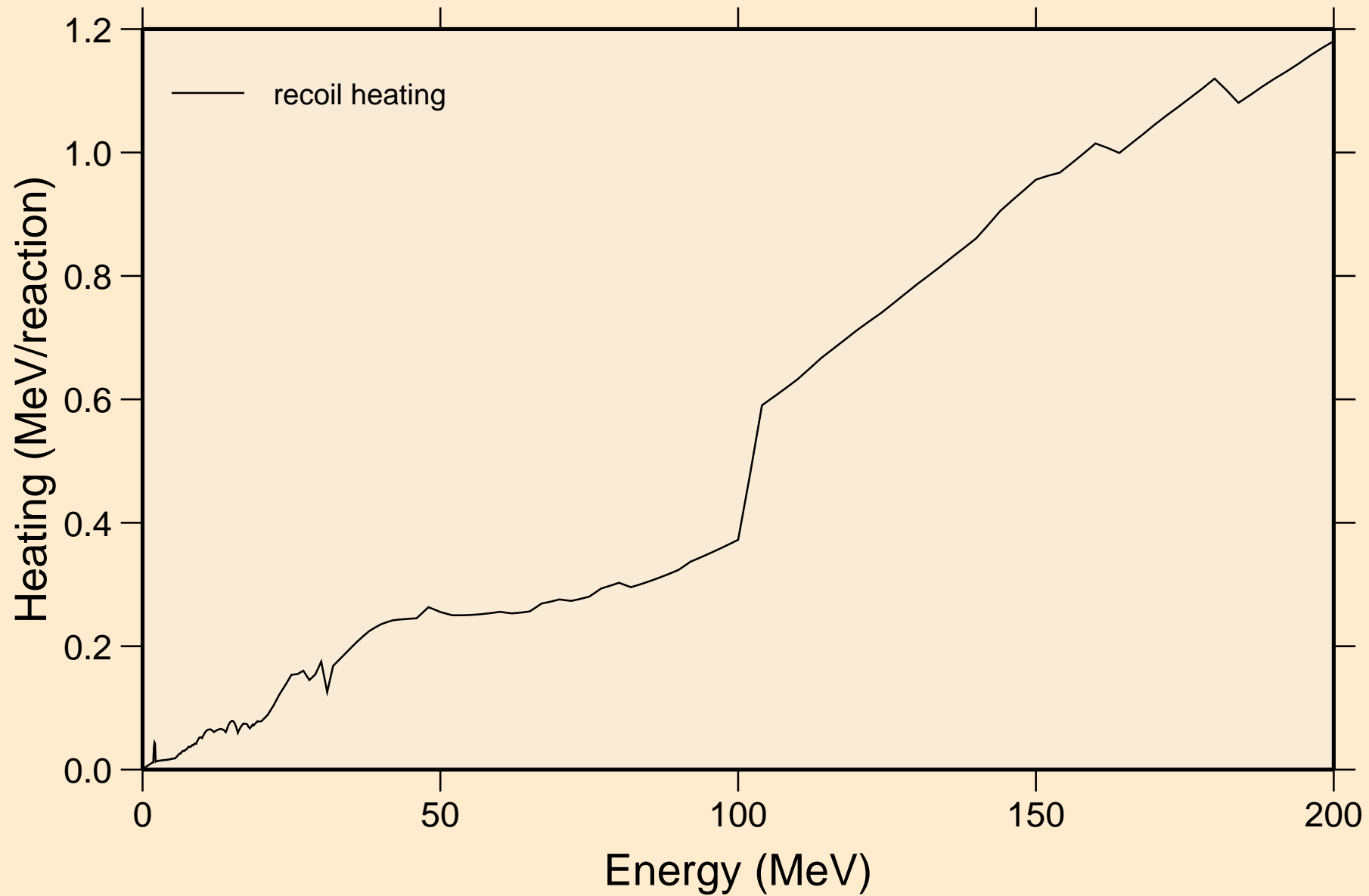
# TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

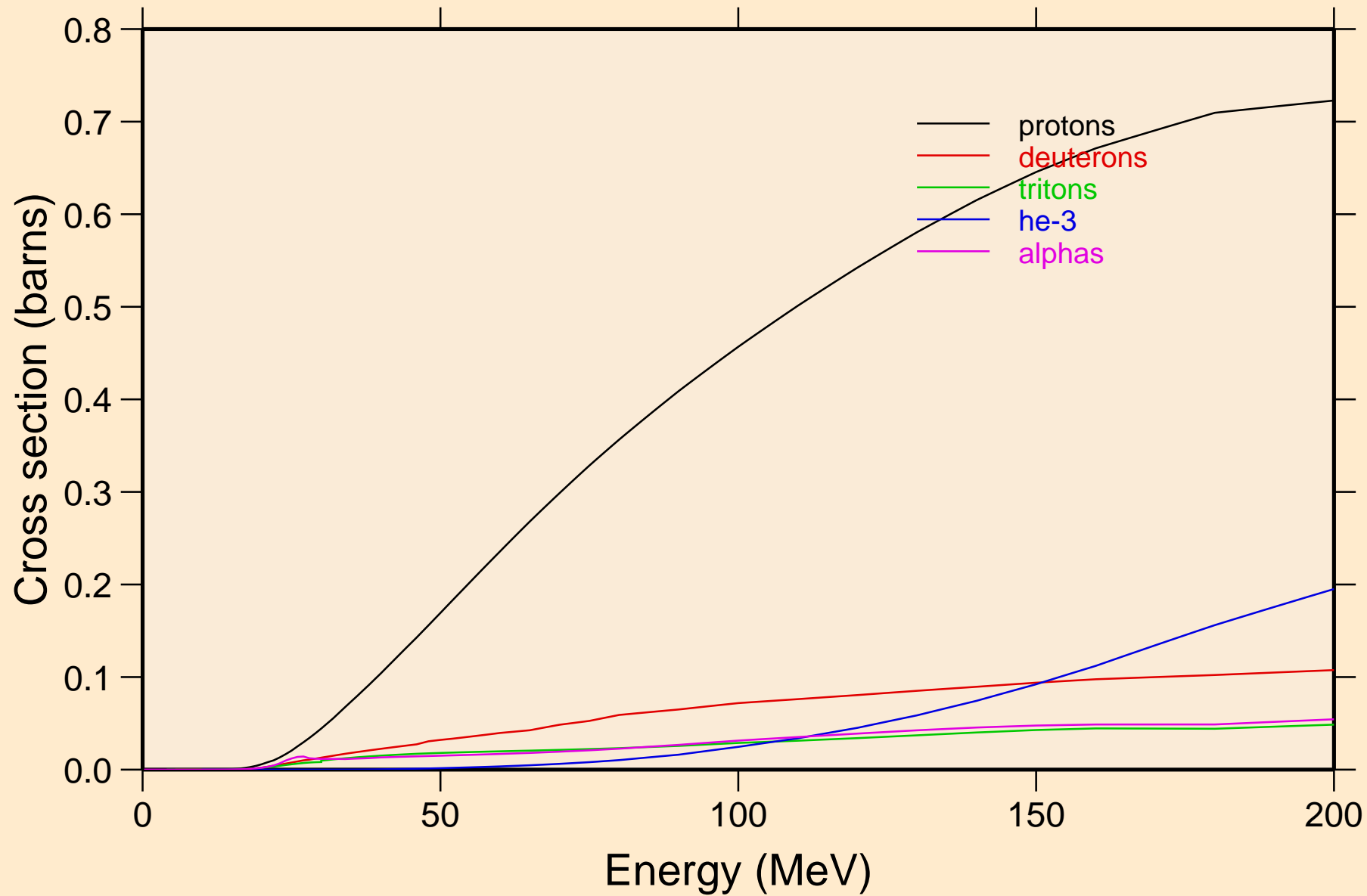




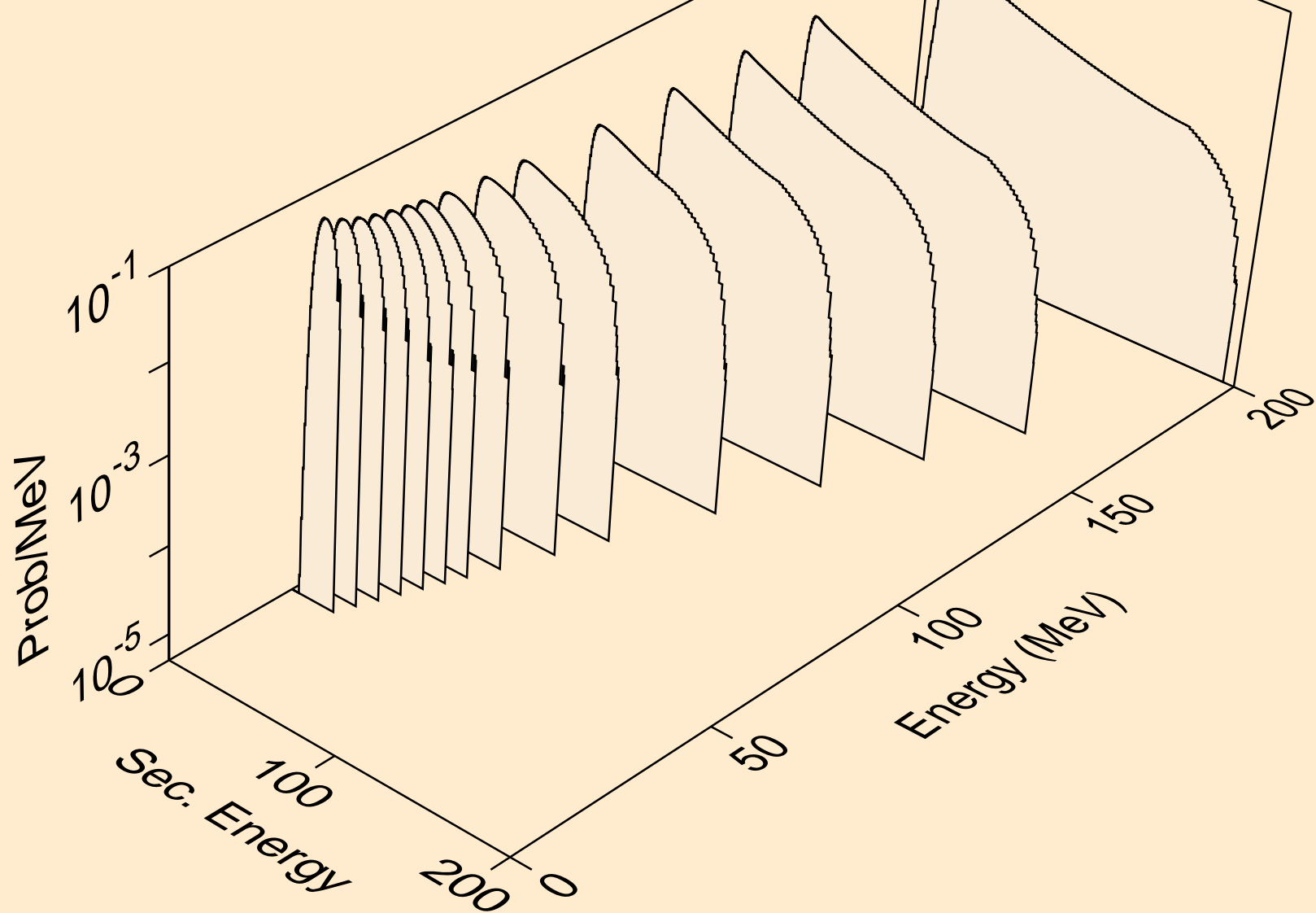
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Recoil Heating



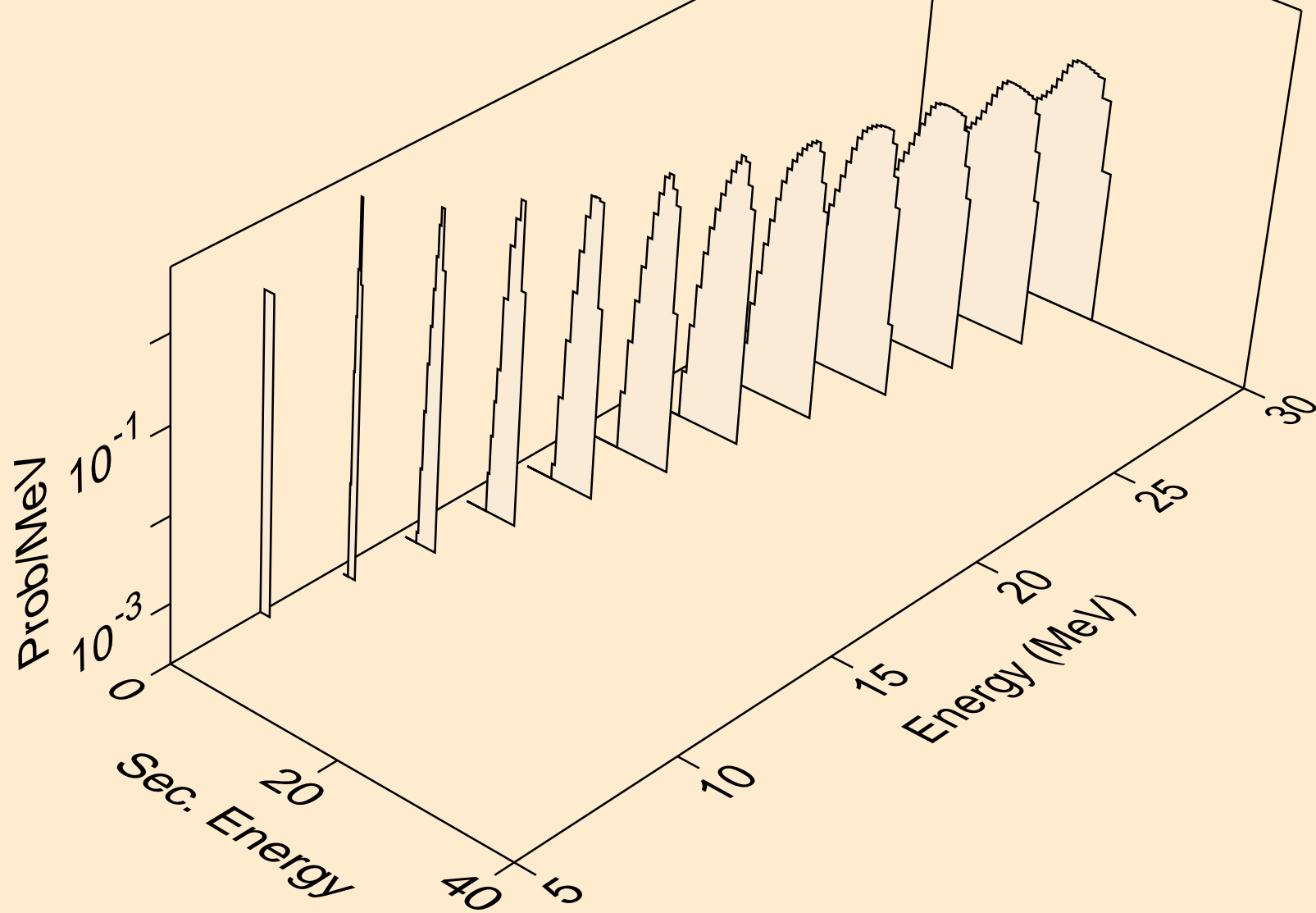
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Particle production cross sections



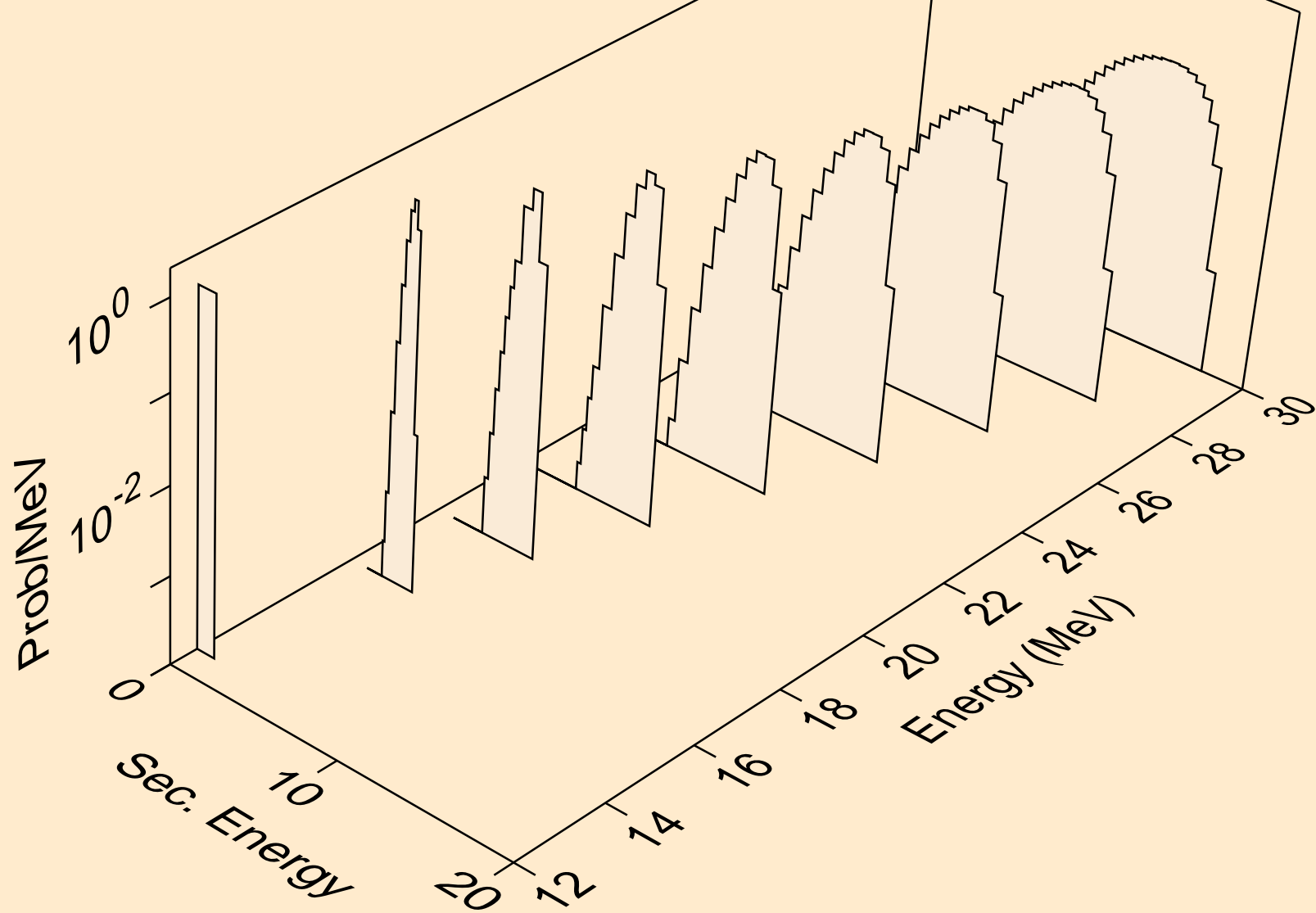
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



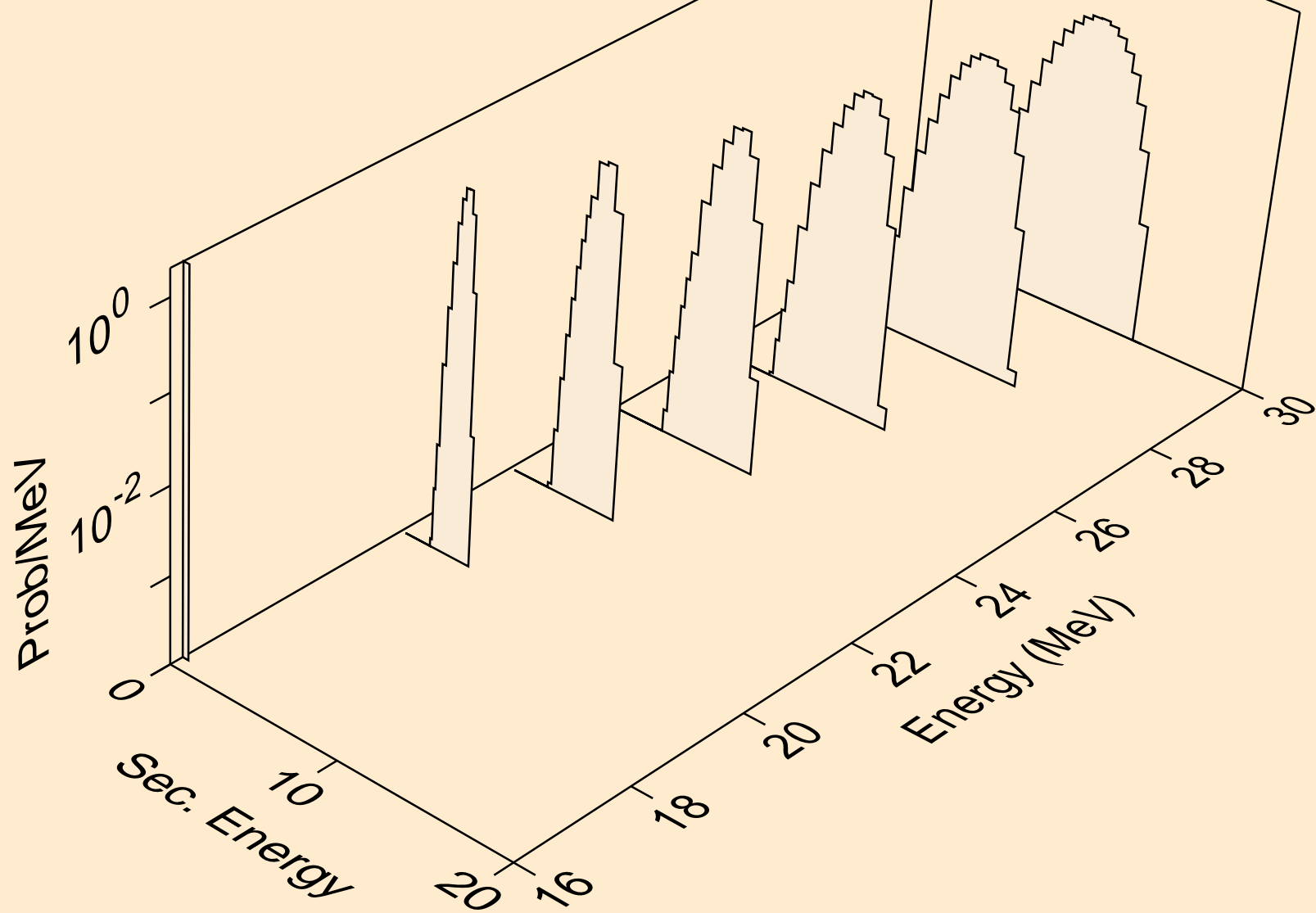
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



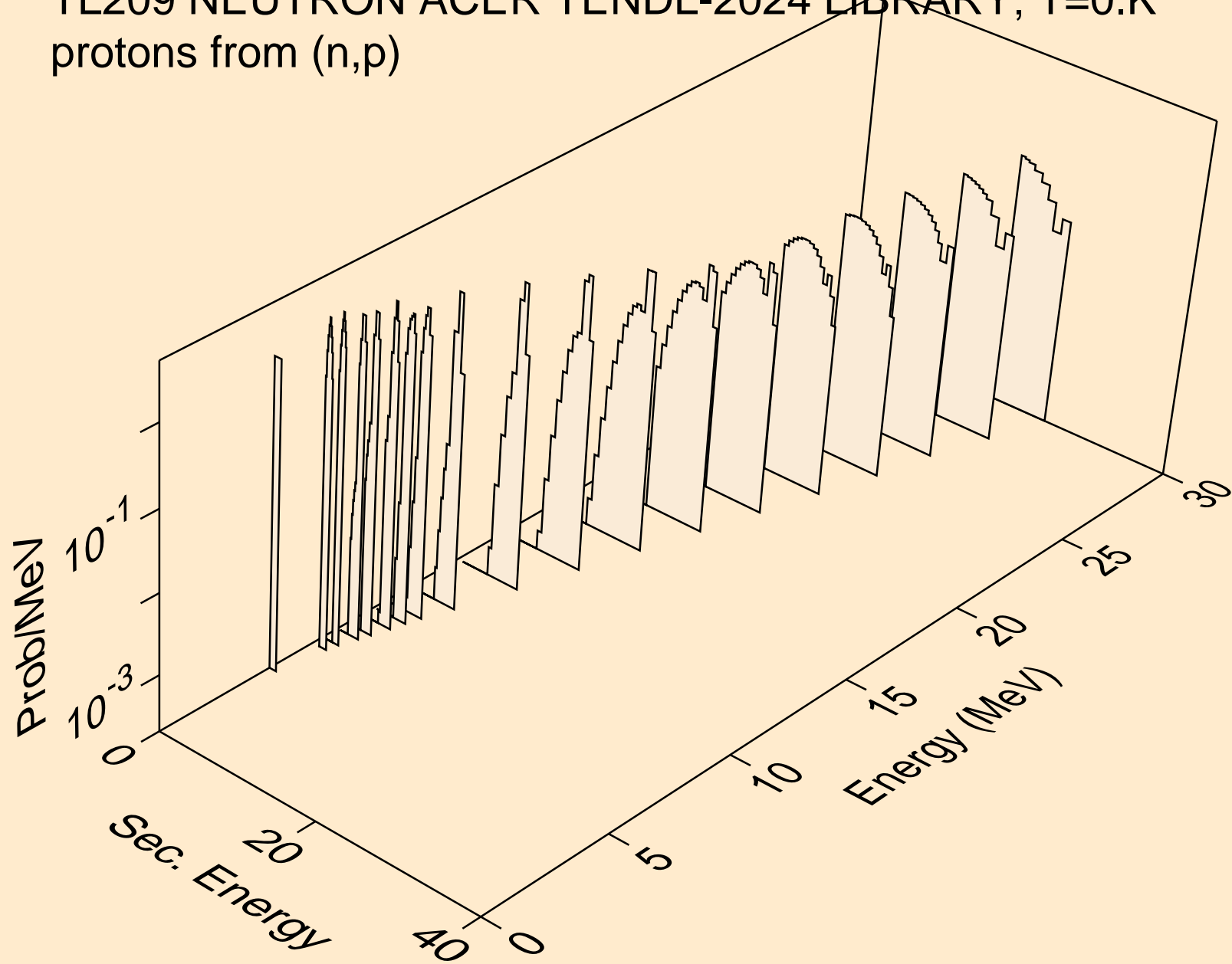
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protons from (n,2np)



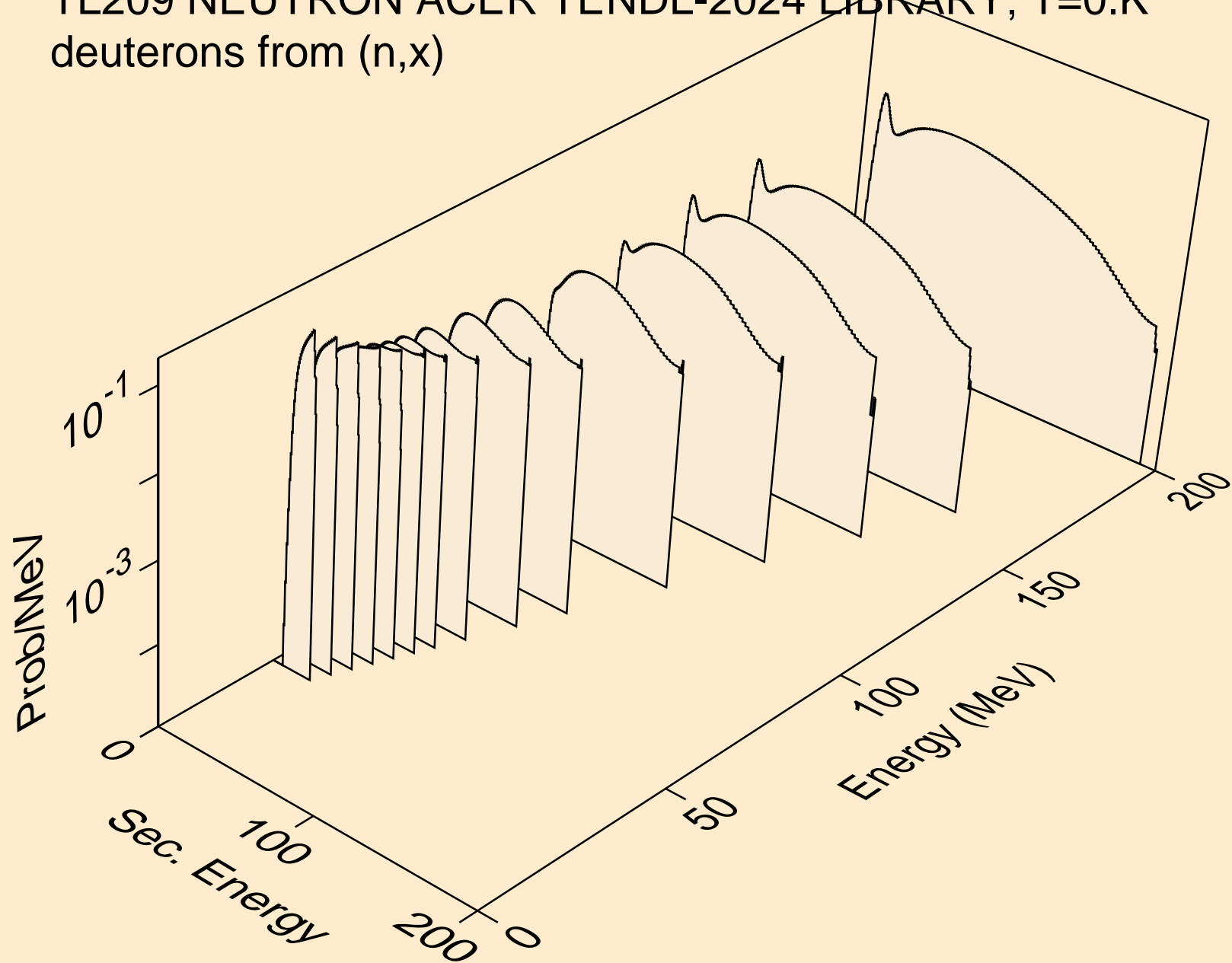
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

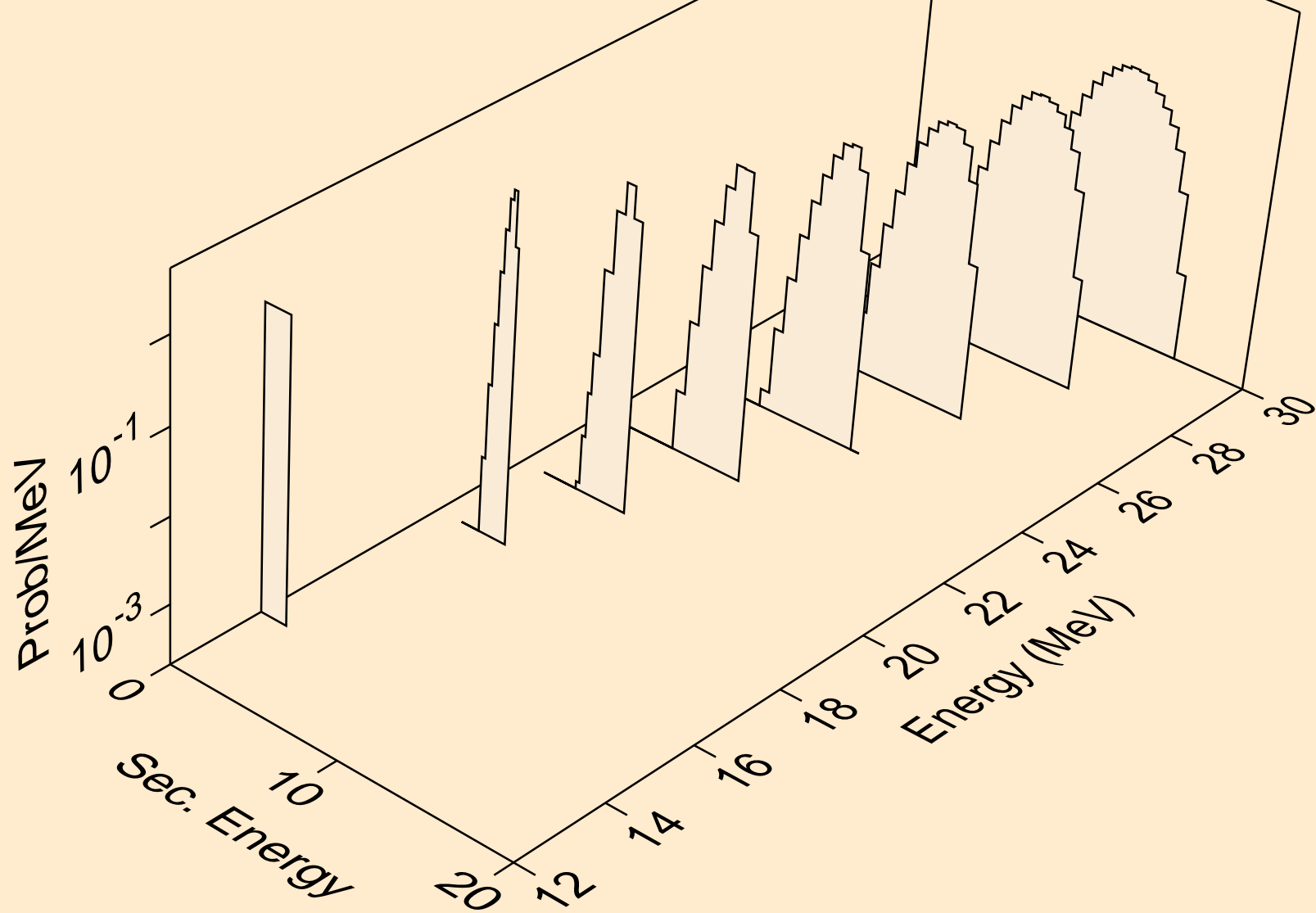


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deuterons from (n,x)

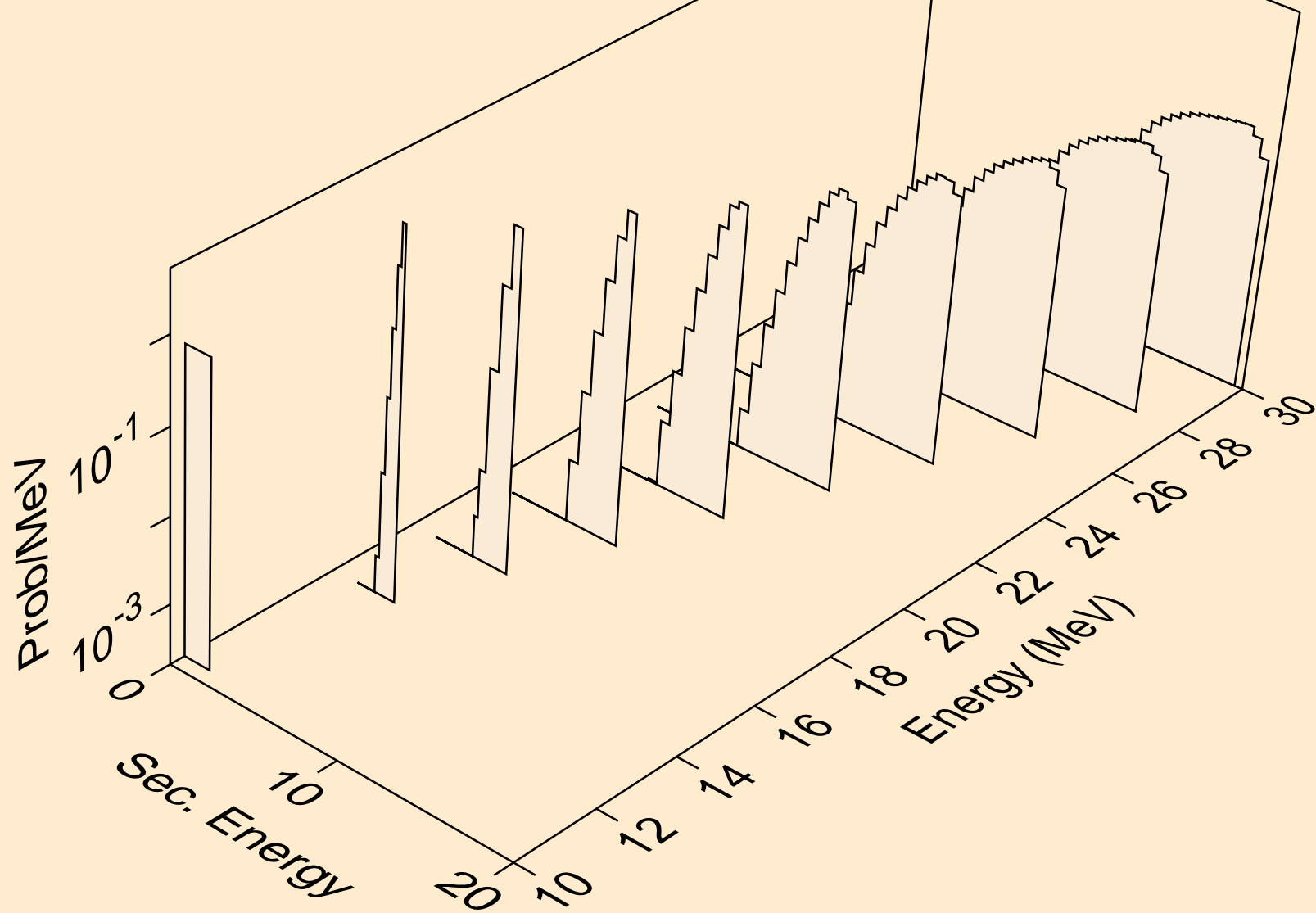




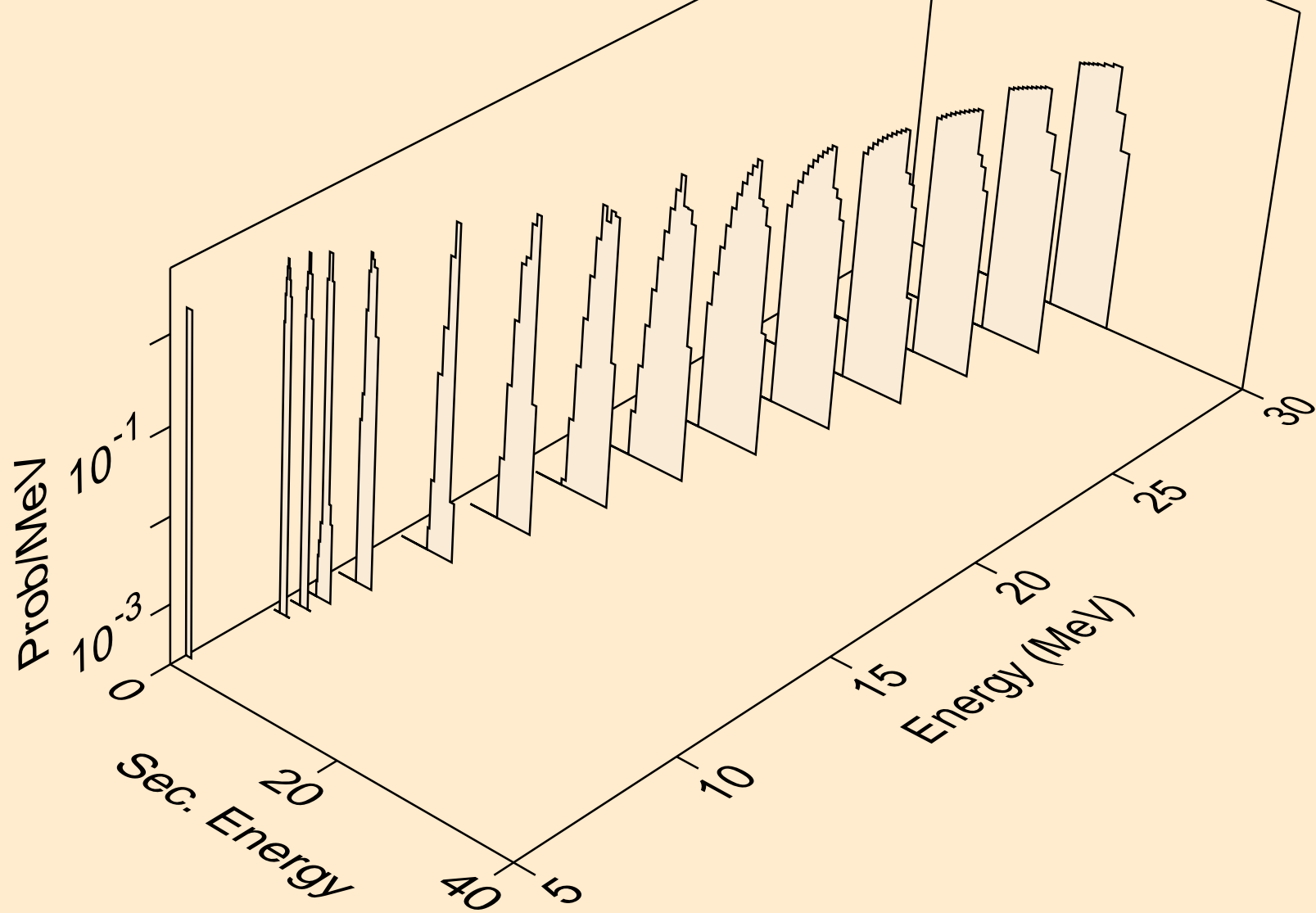
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deuterons from (n,2nd)



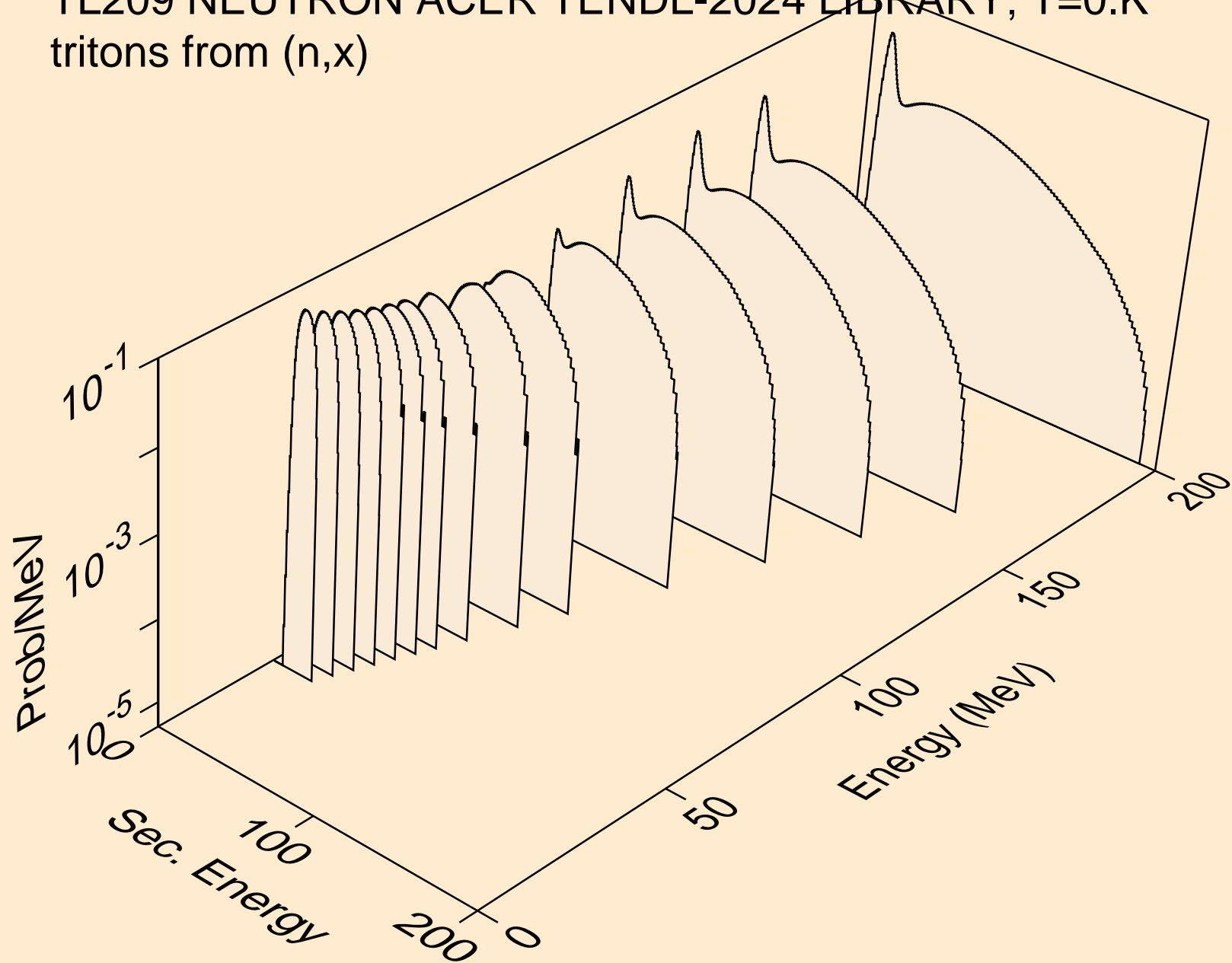
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deuterons from (n,n\*)d



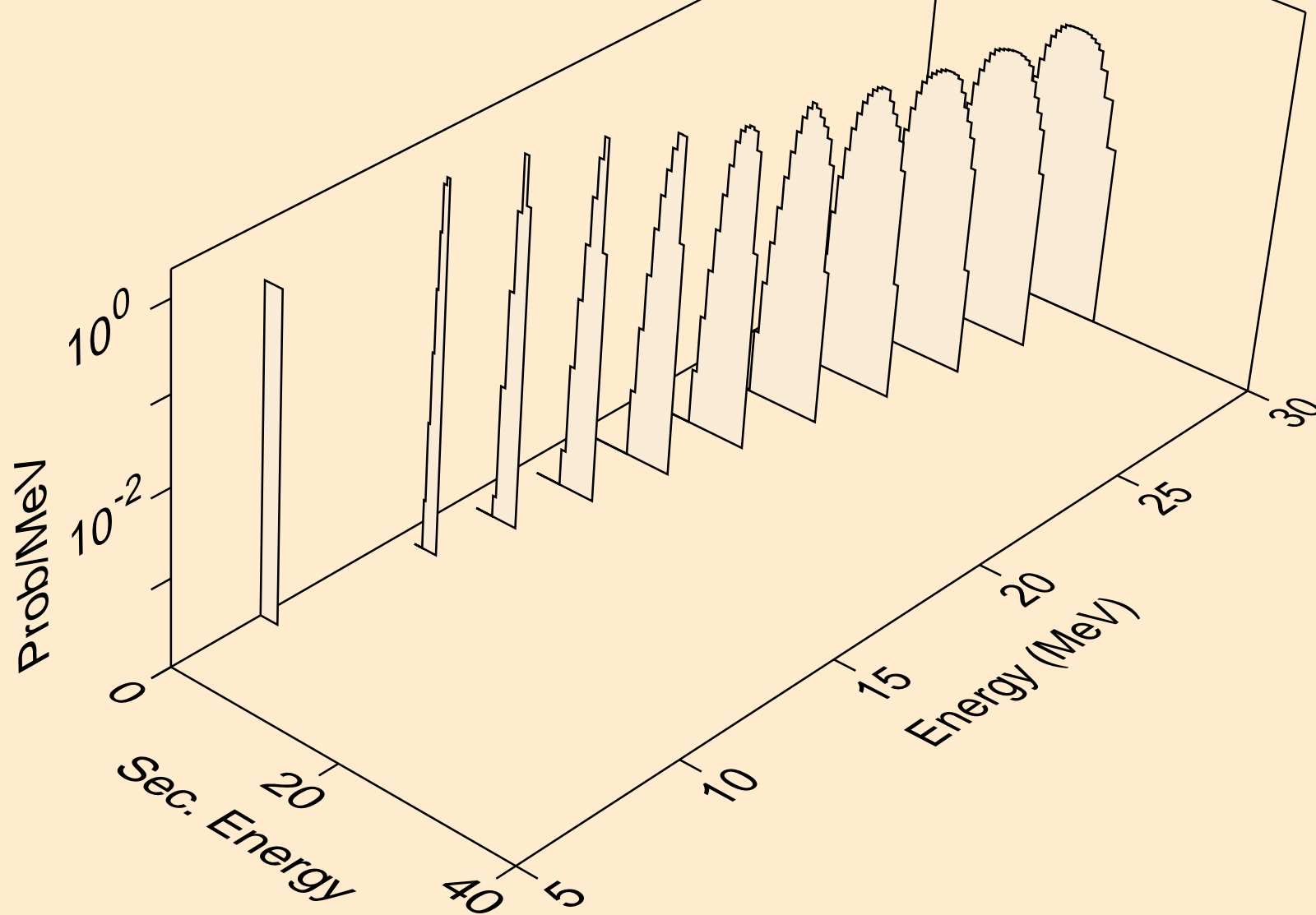
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deuterons from (n,d)



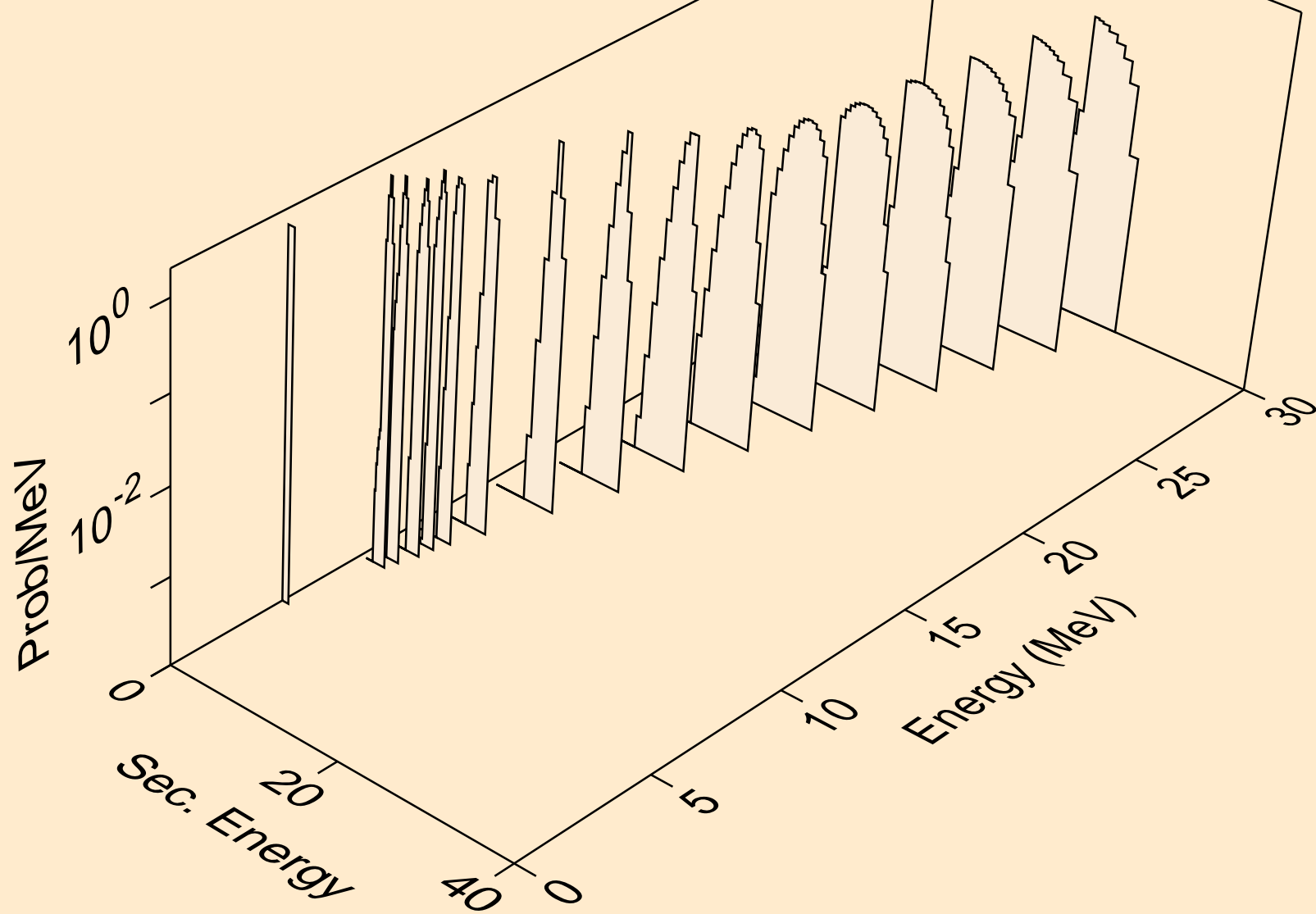
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



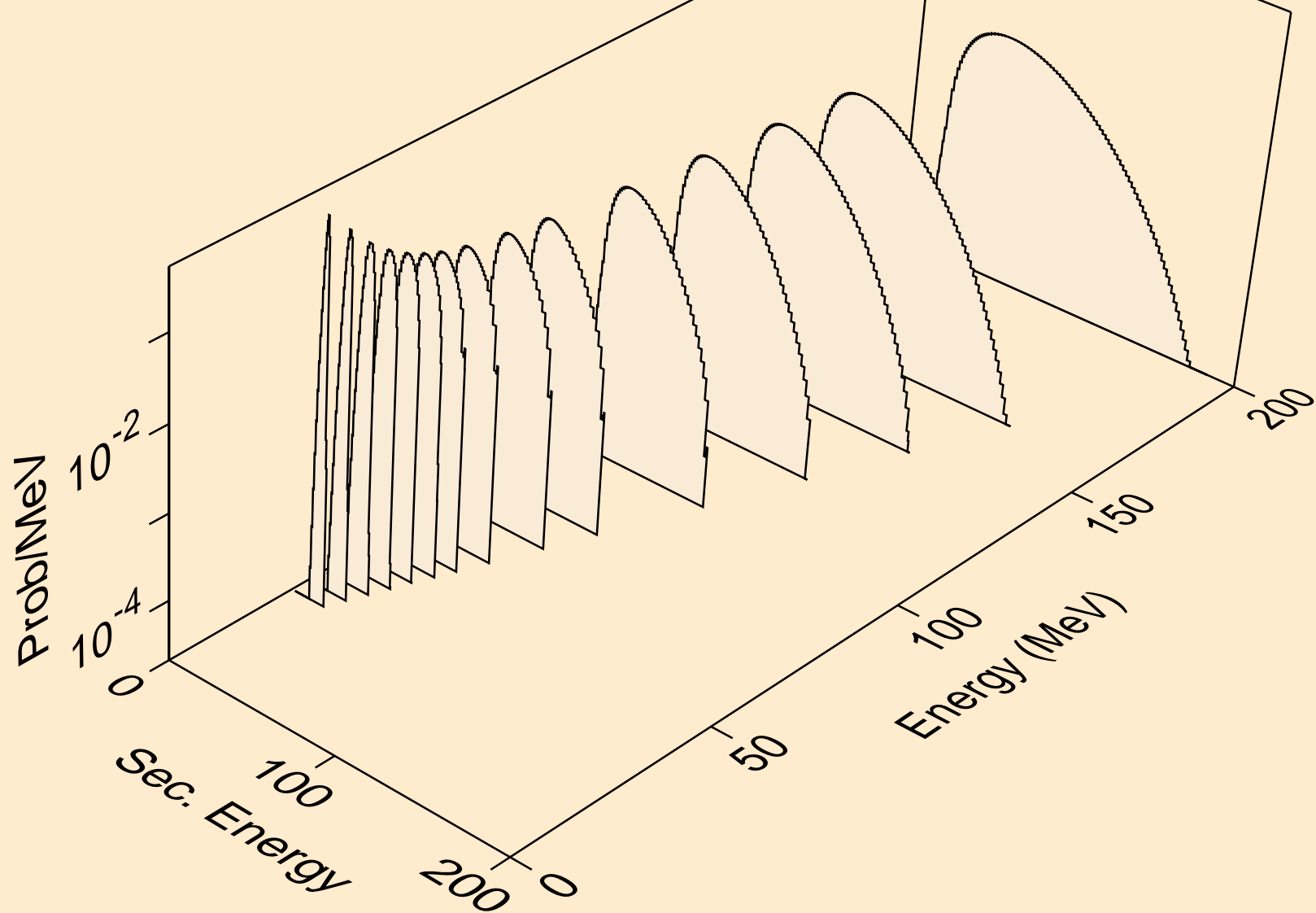
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



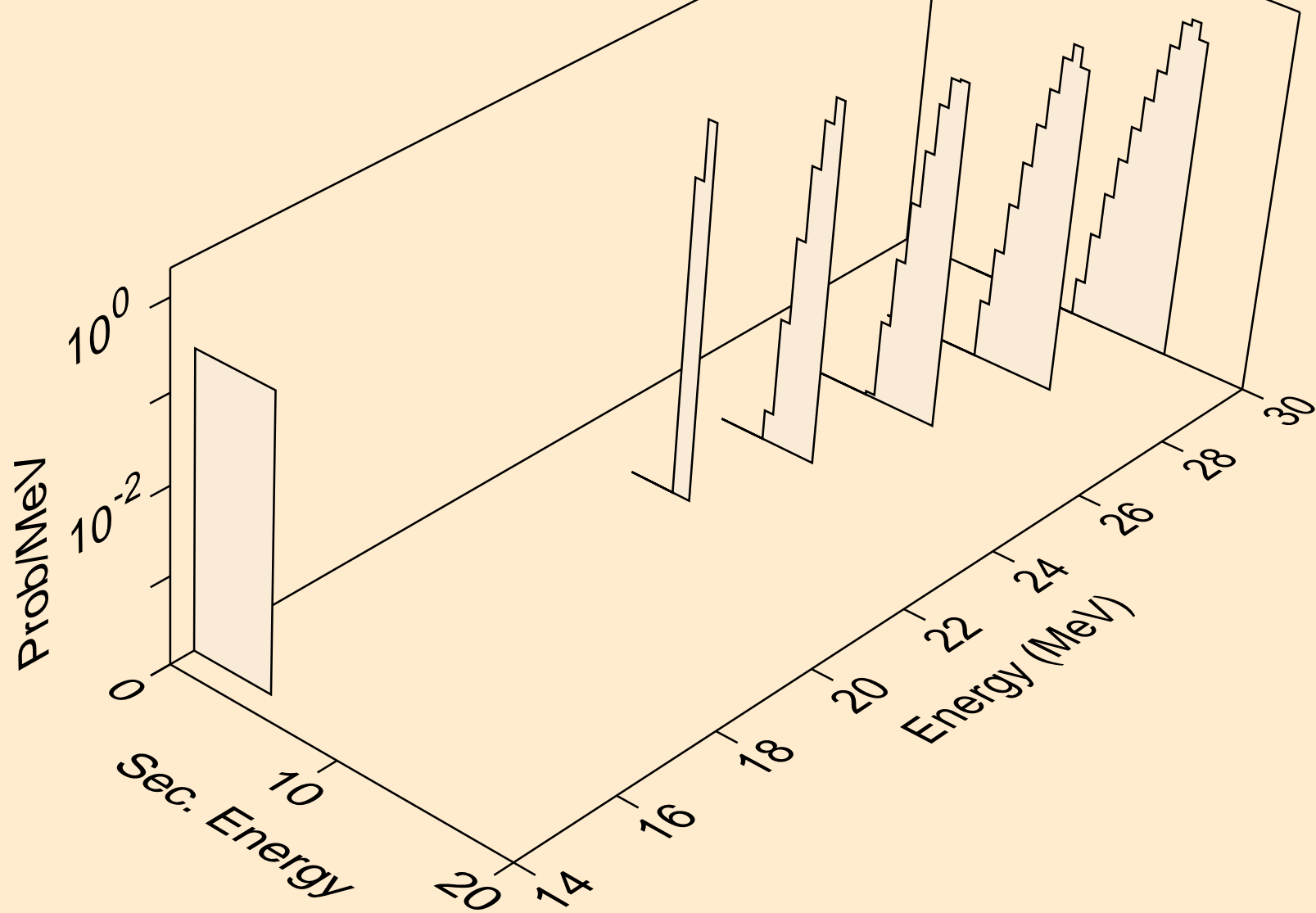
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tritons from (n,t)



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

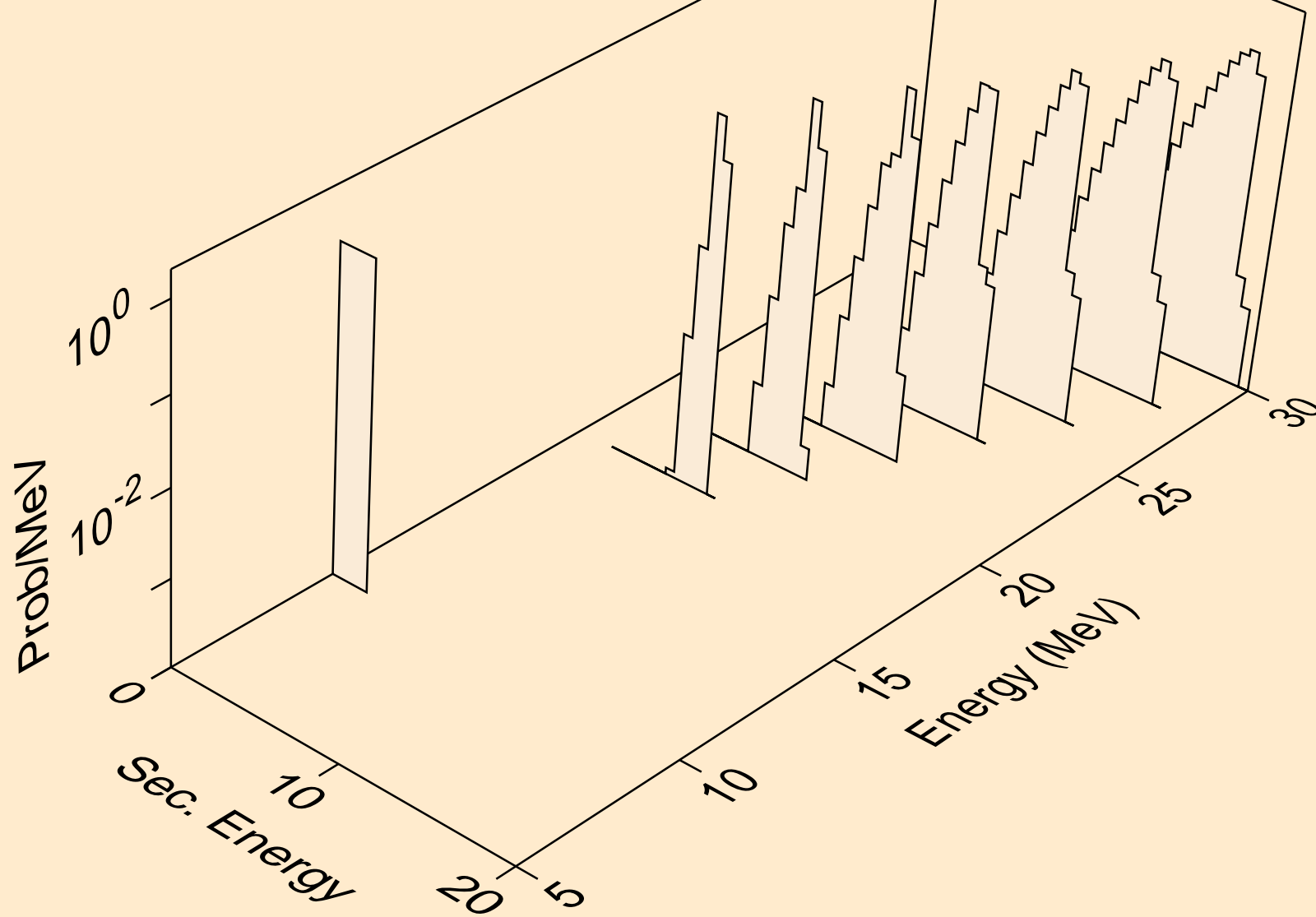


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he3s from (n,n\*)he3

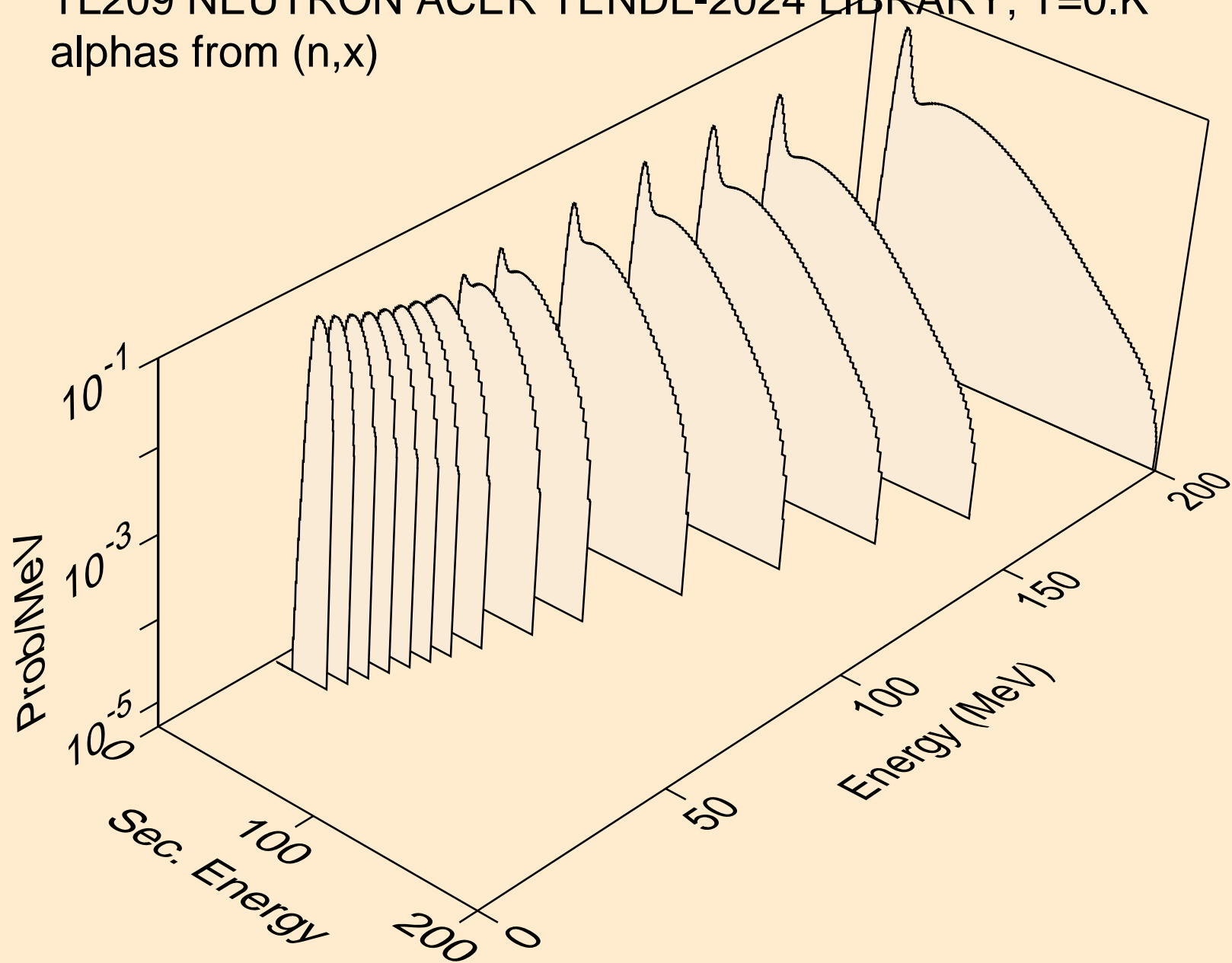




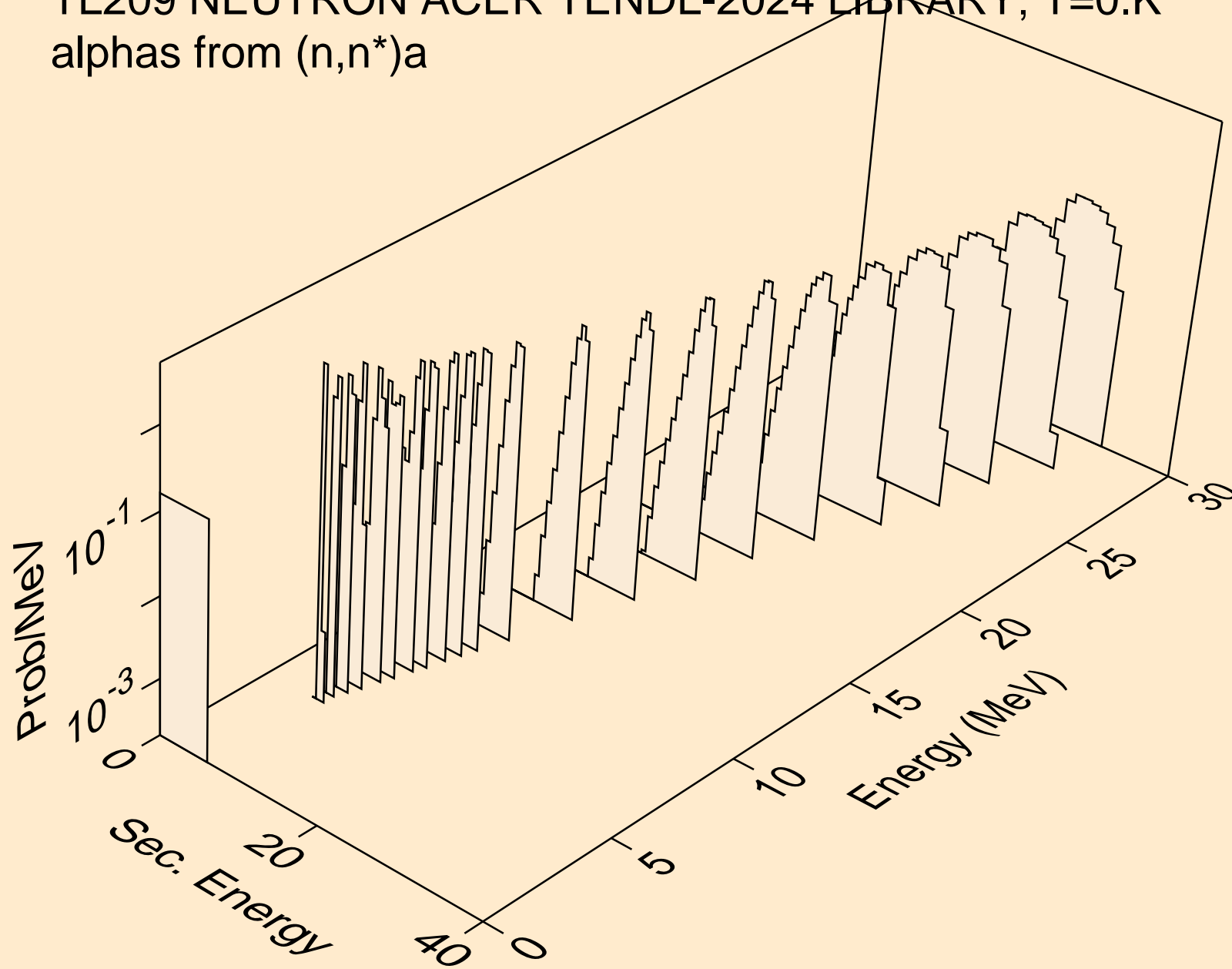
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he3s from (n,he3)



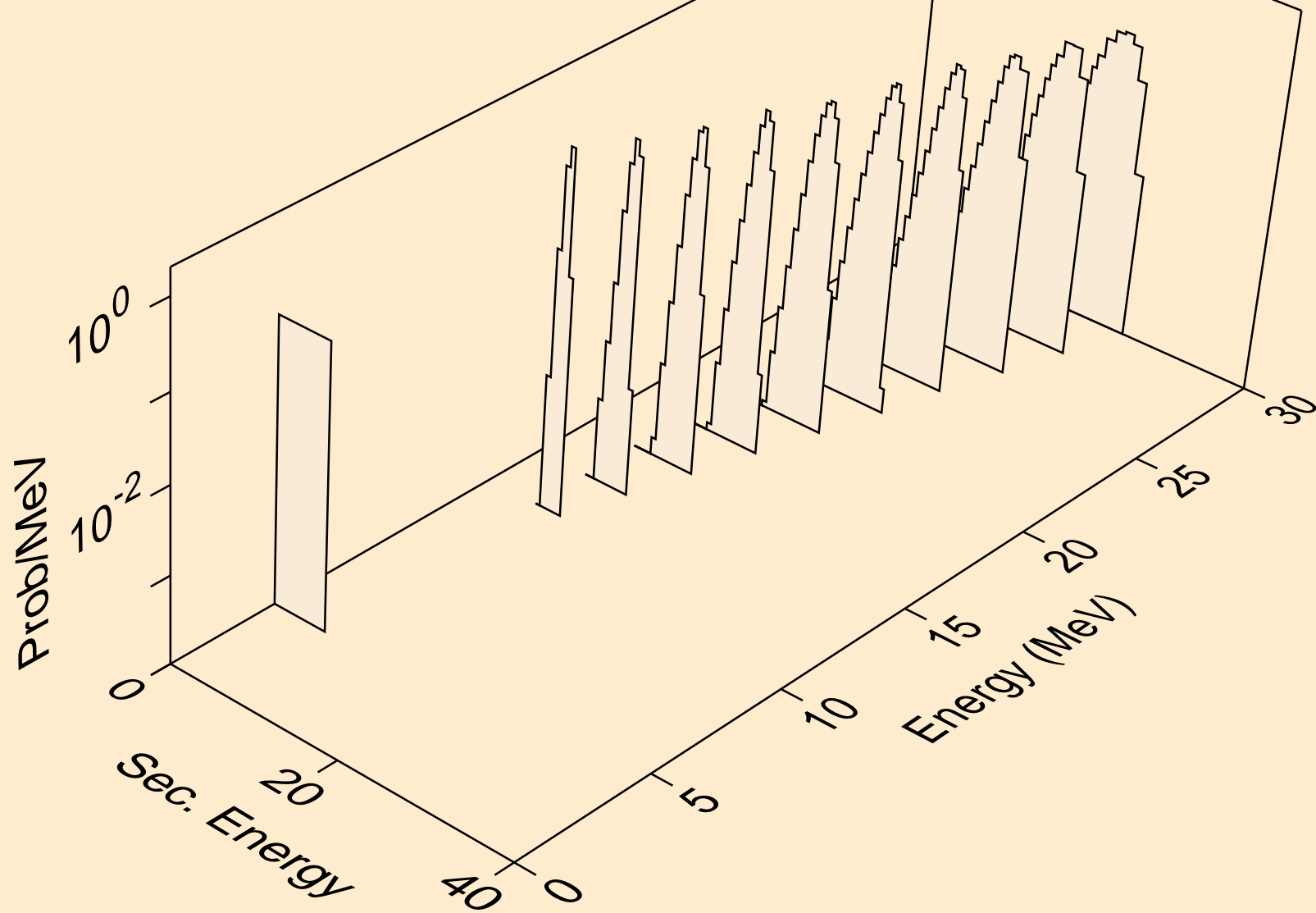
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



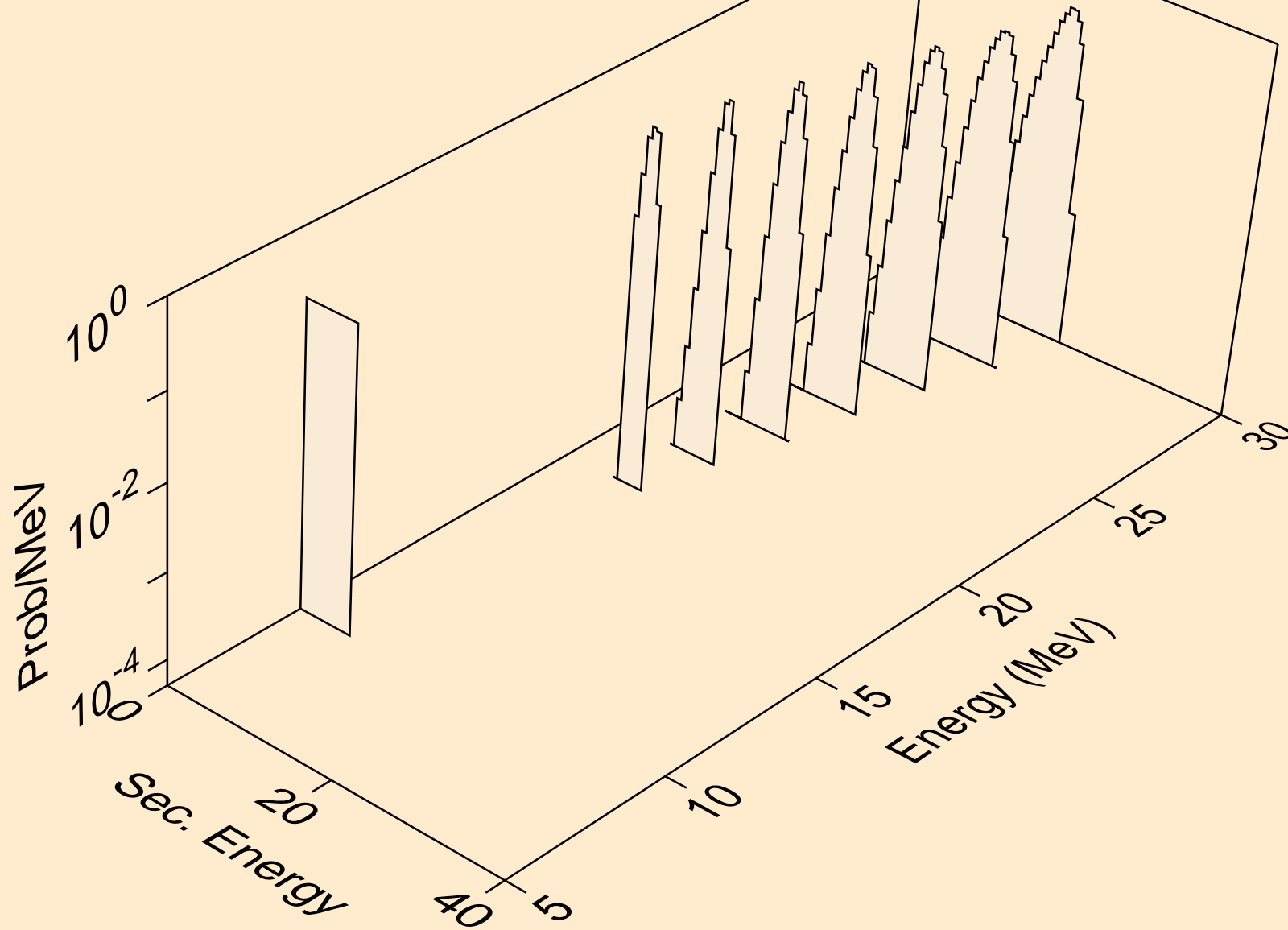
TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



TL209 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

