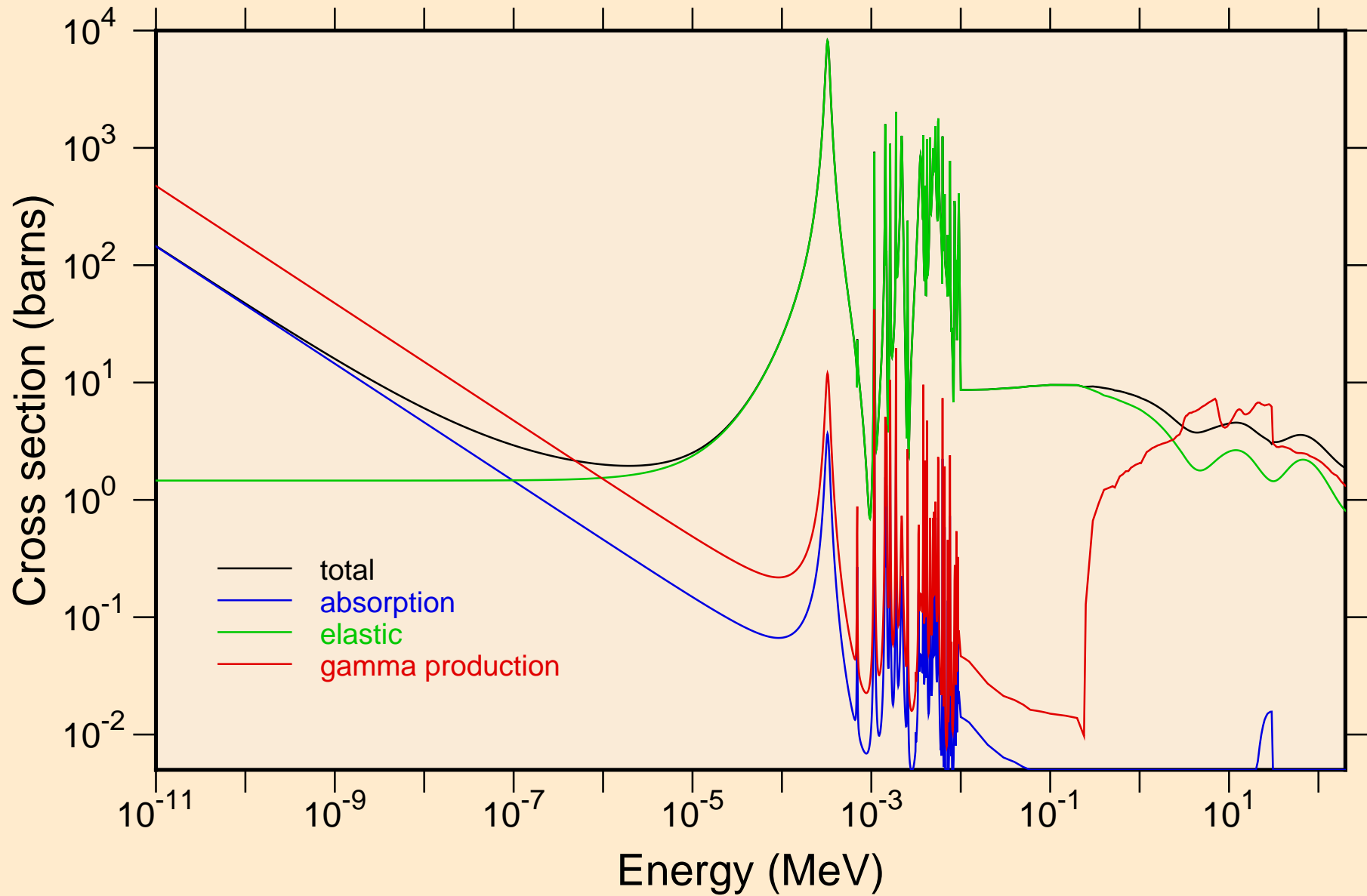
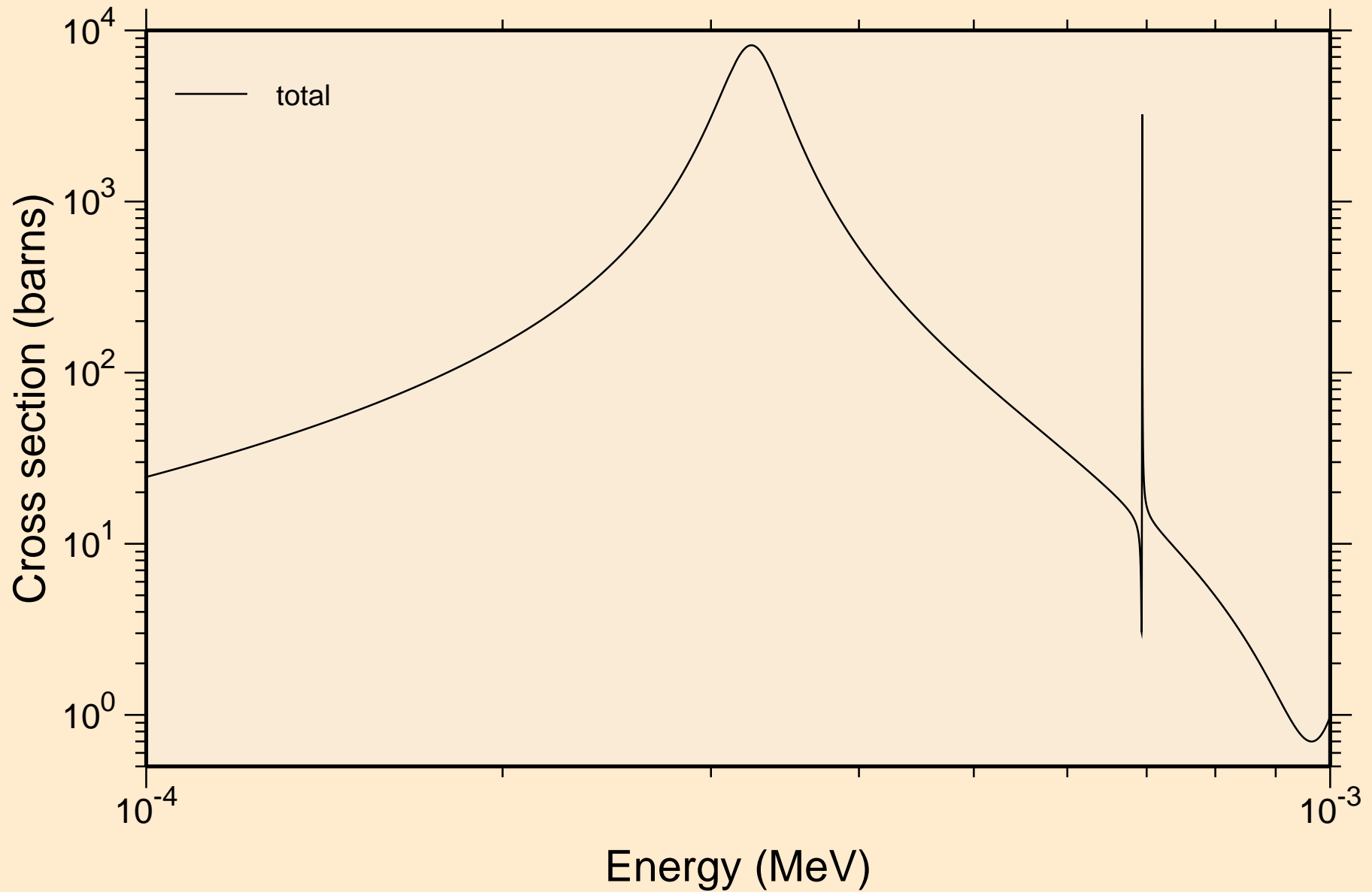


# RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

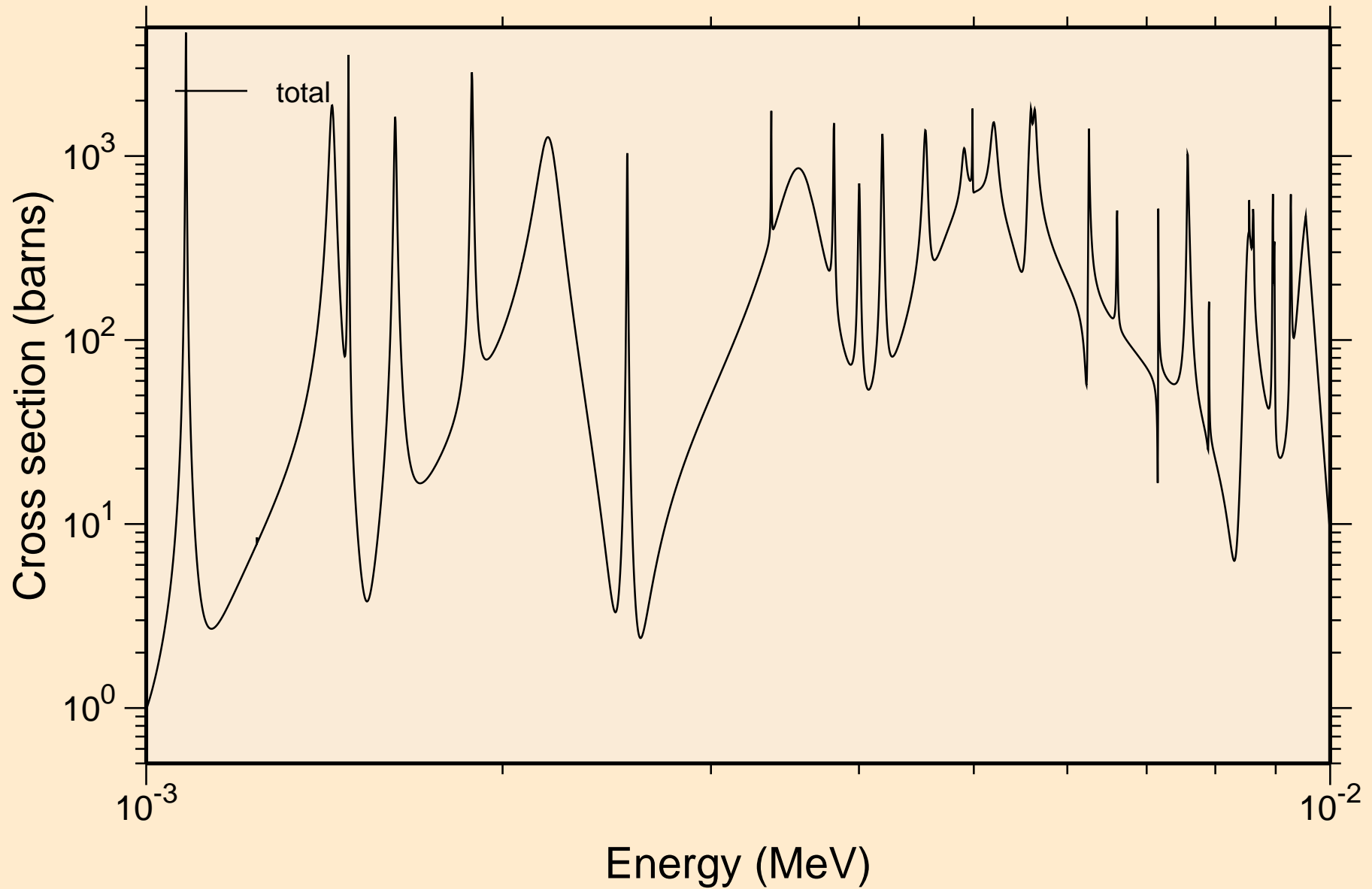
## Principal cross sections



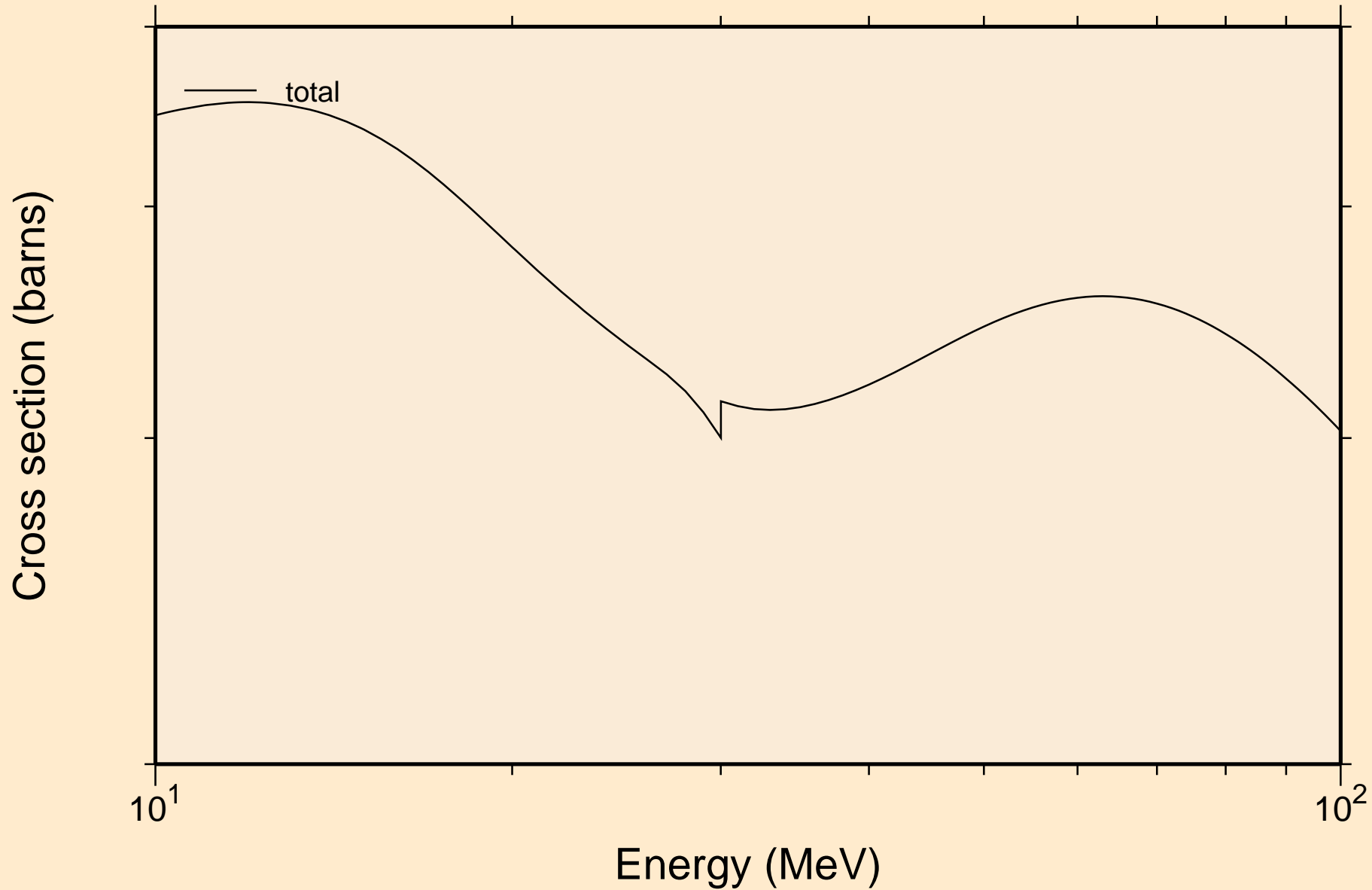
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



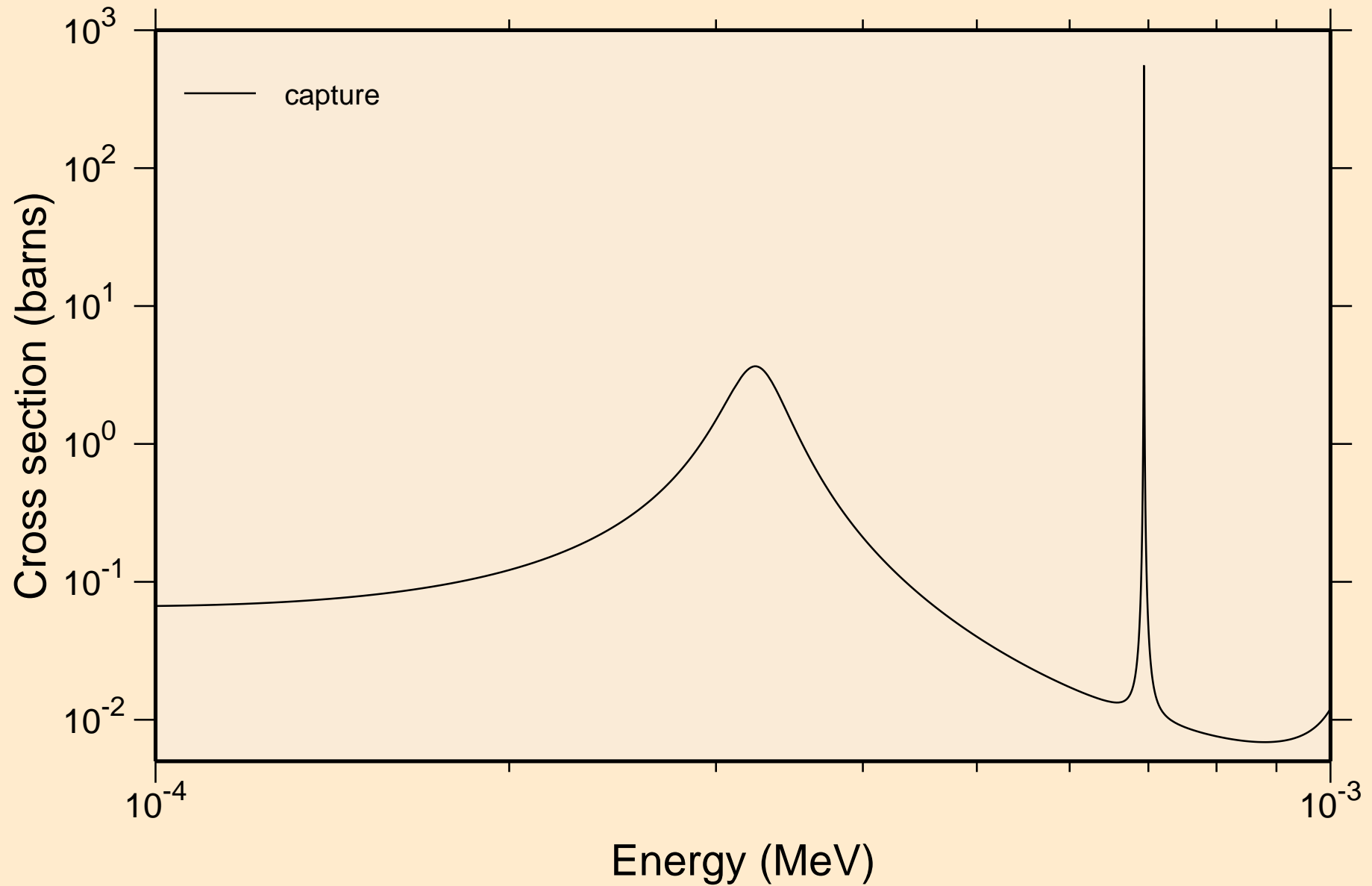
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



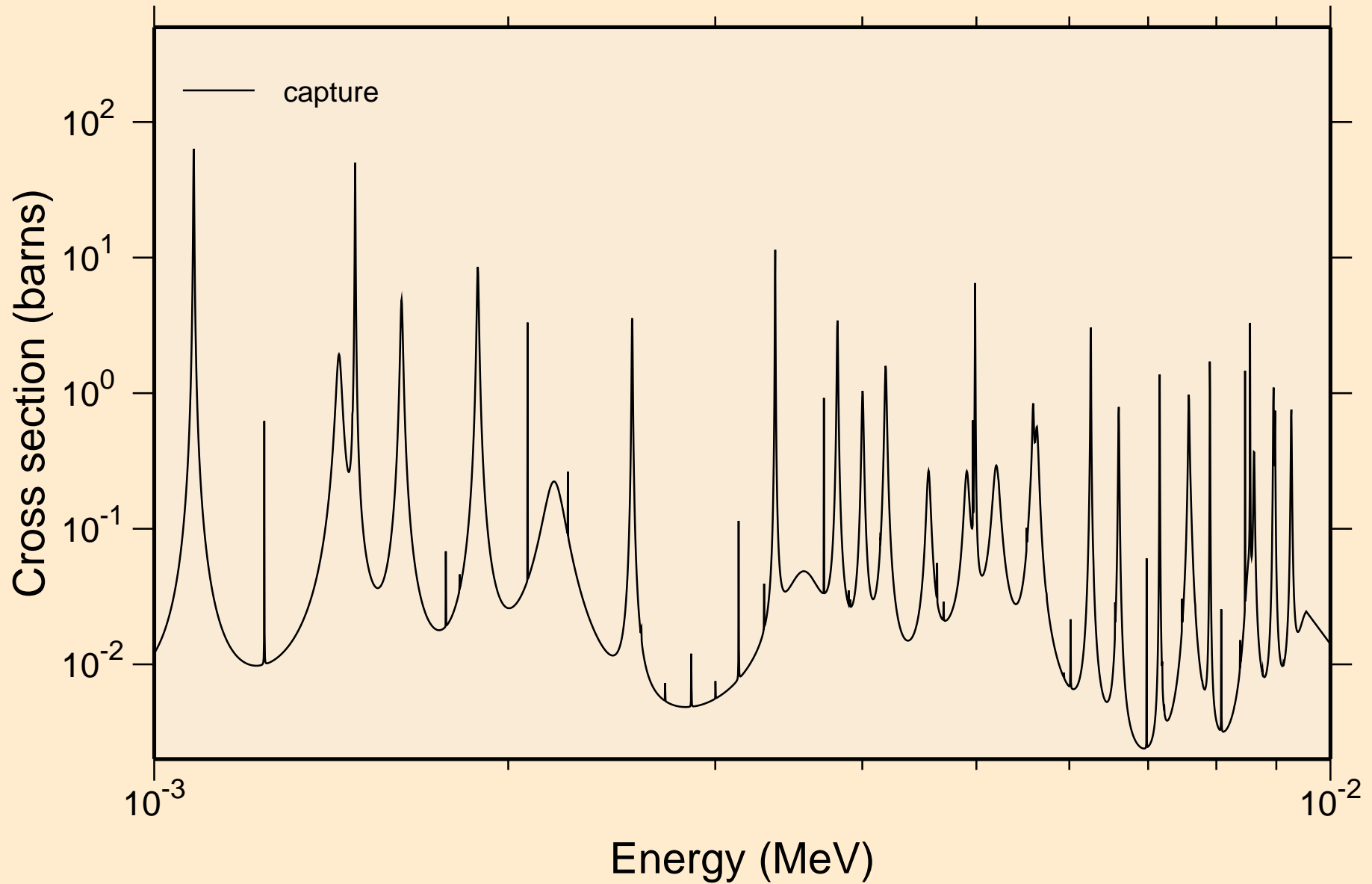
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



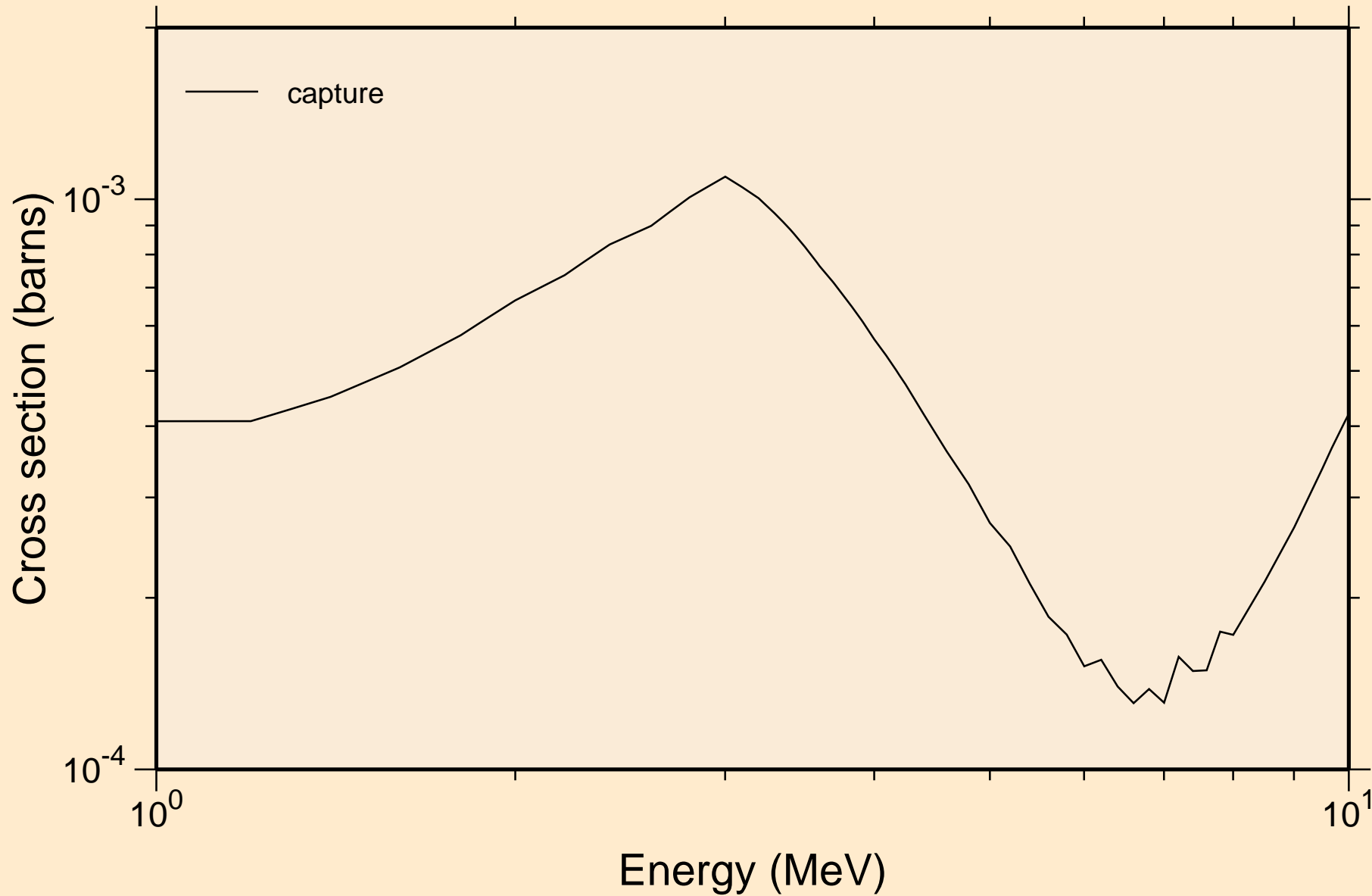
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



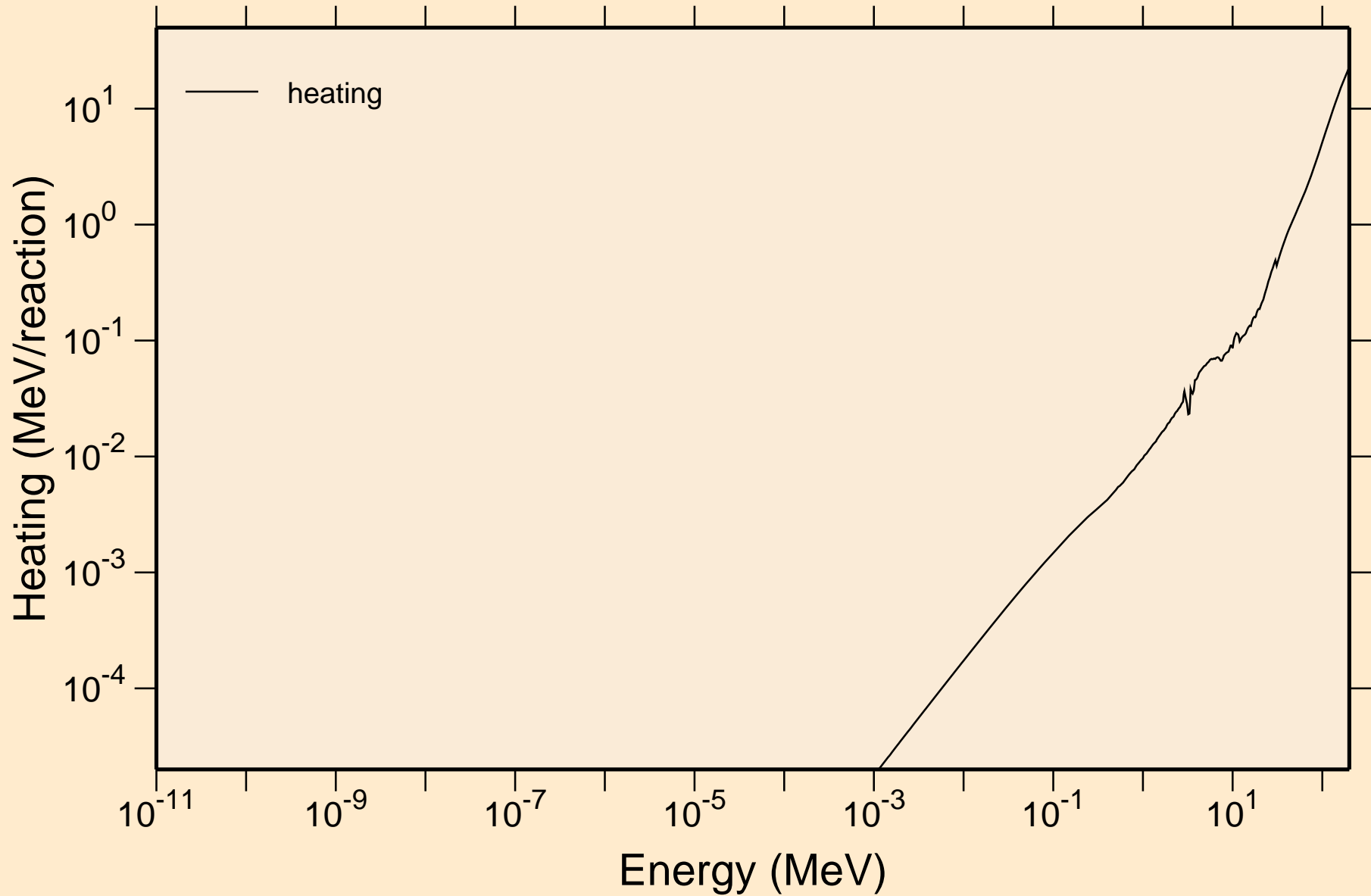
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

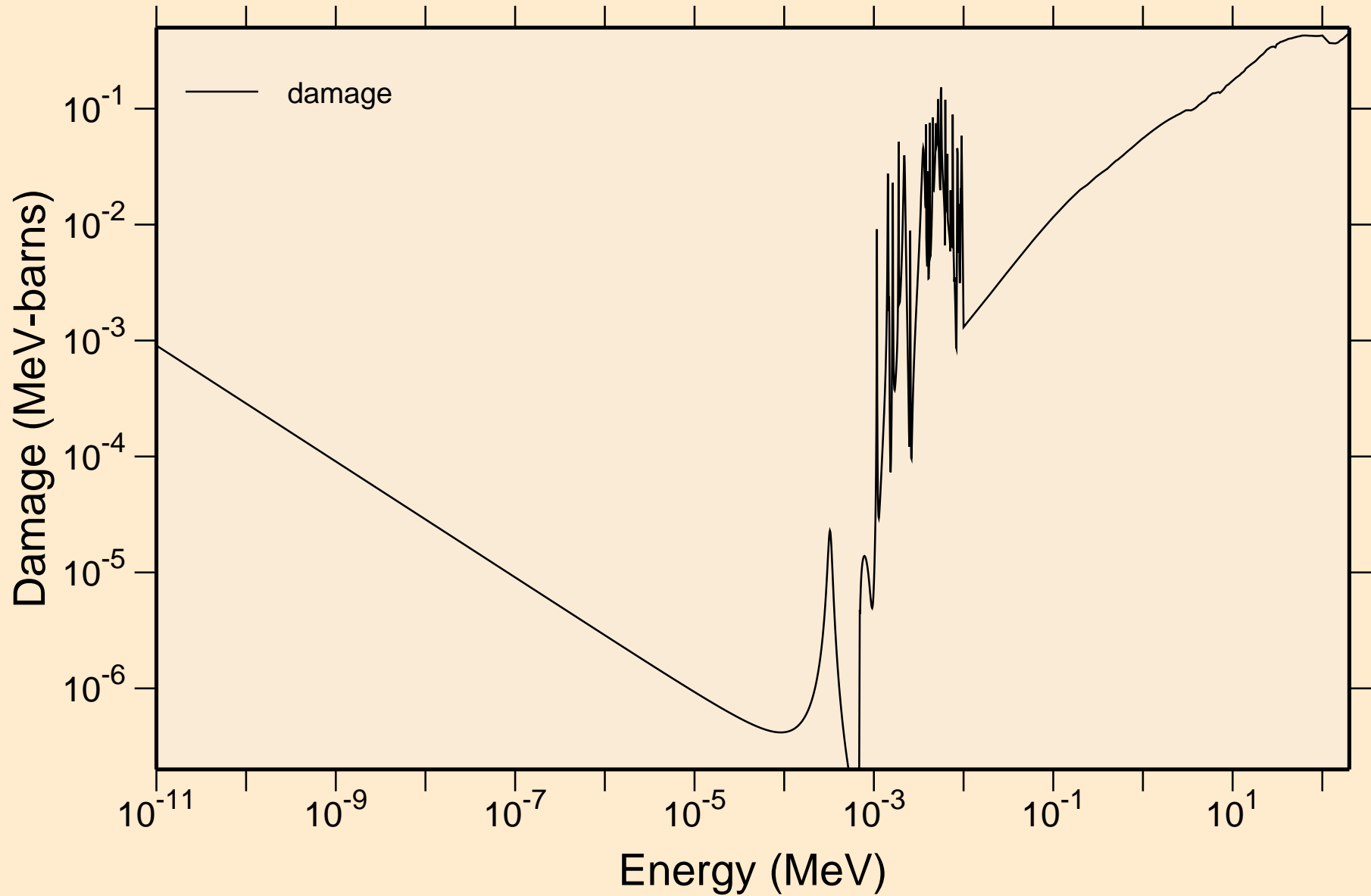


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

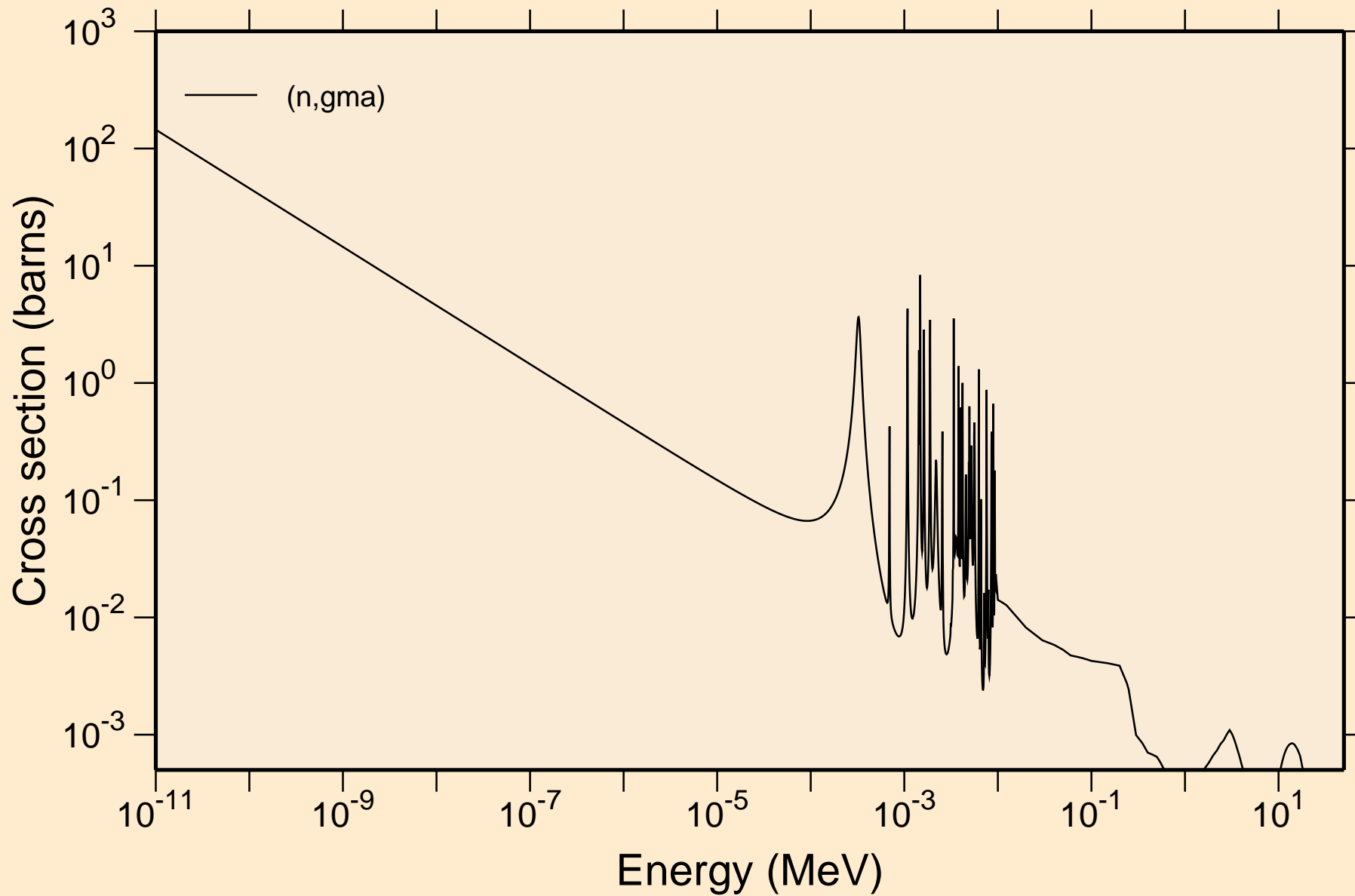




RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

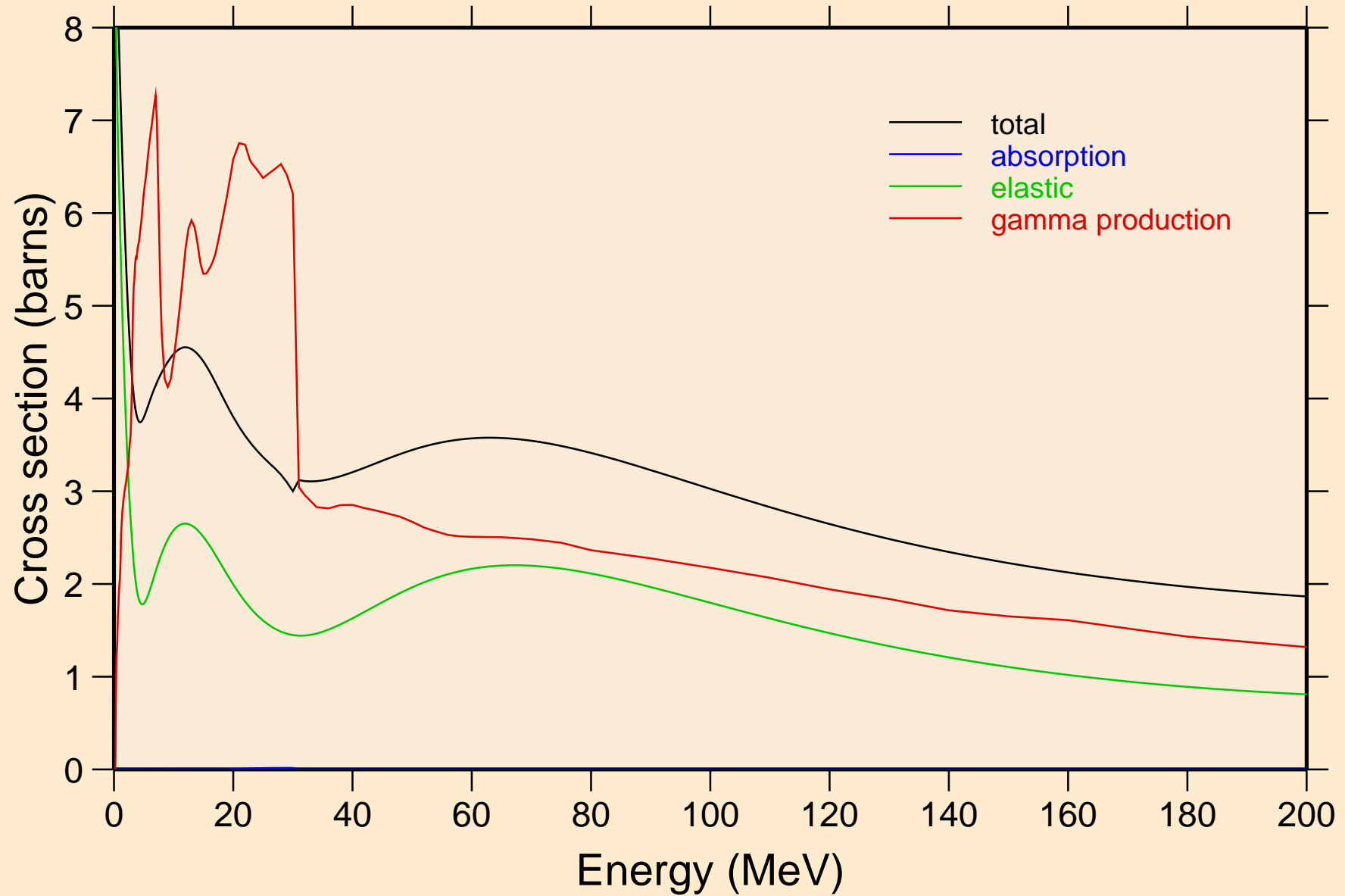


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



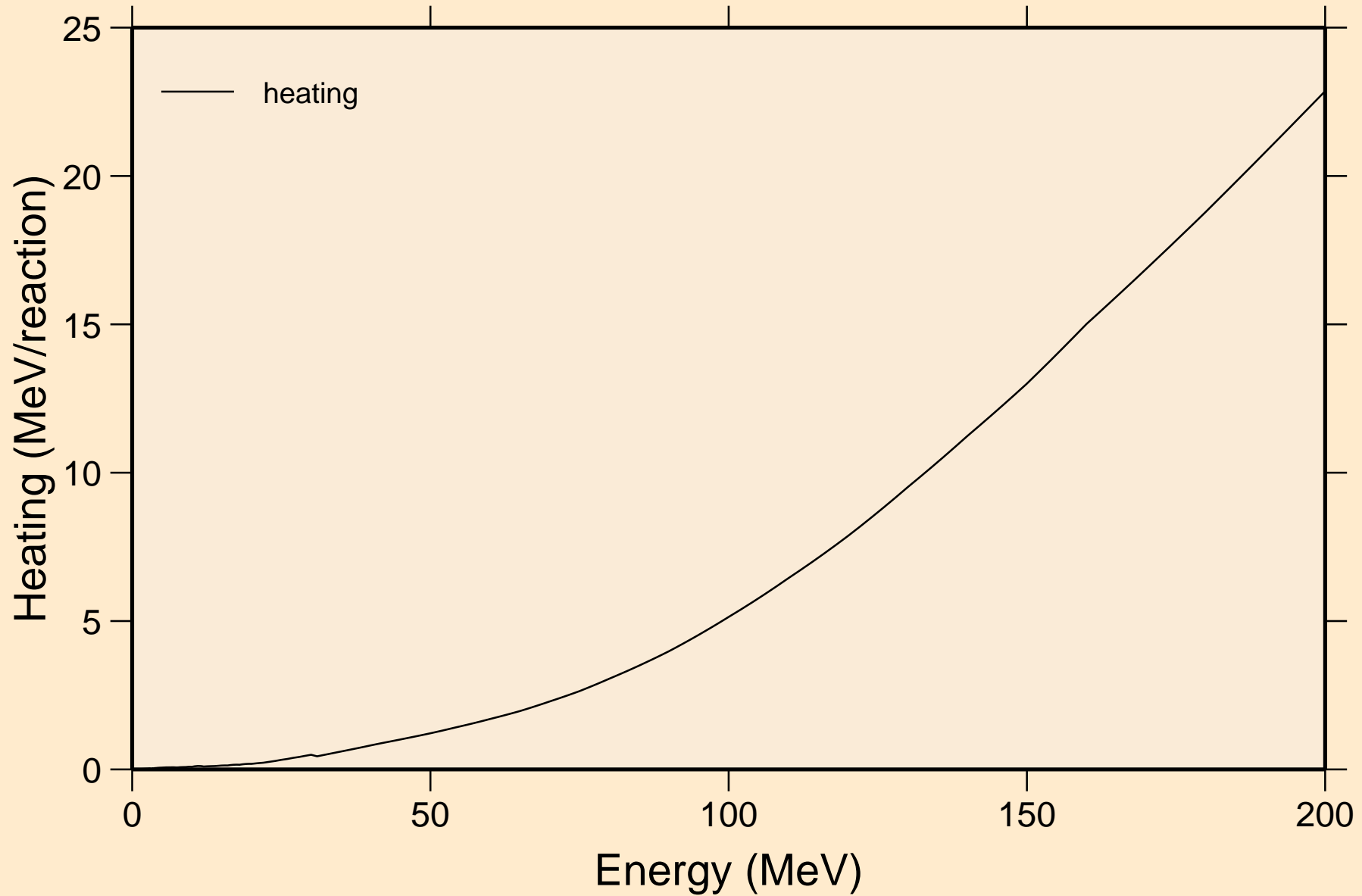
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## Principal cross sections

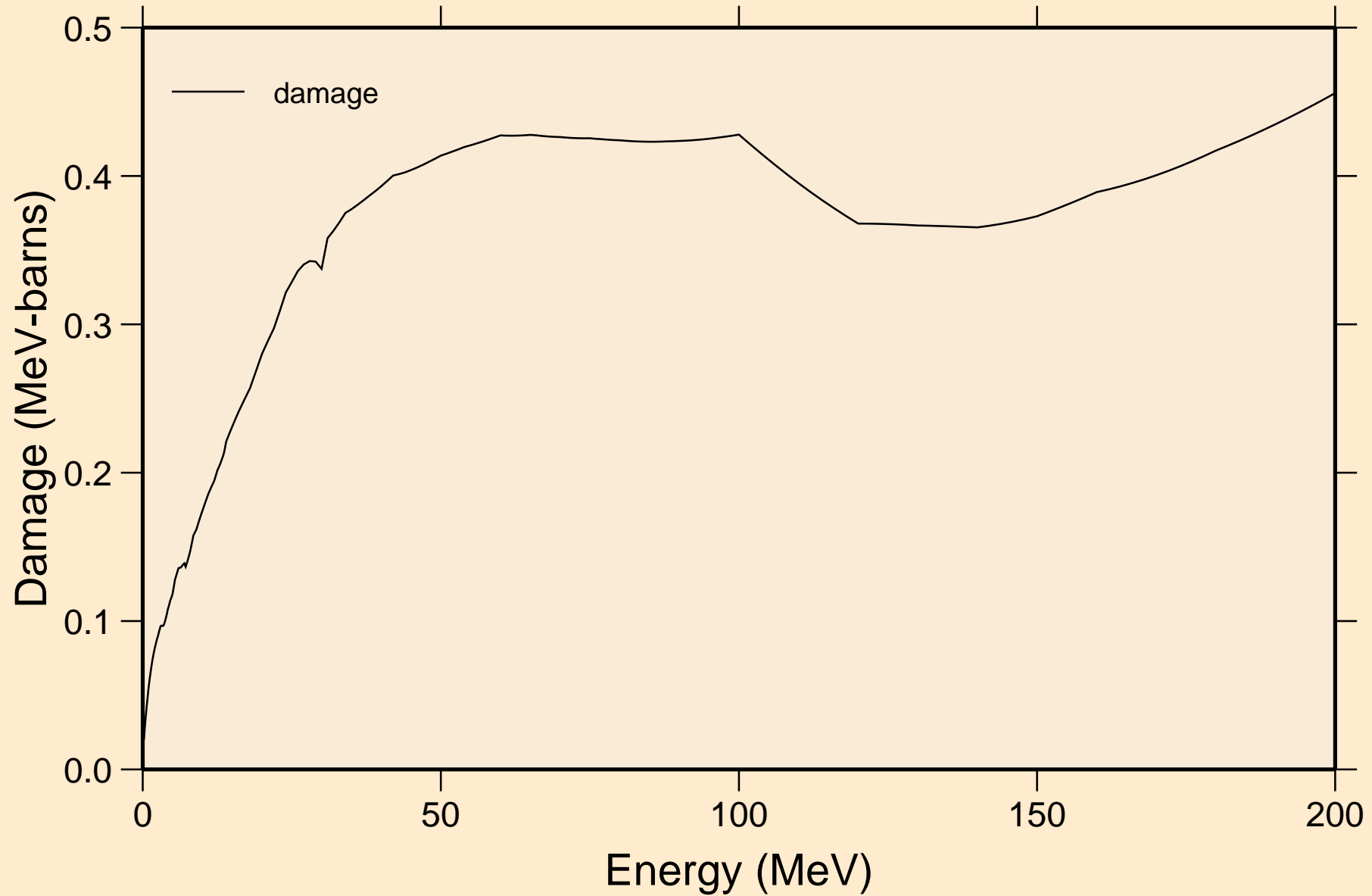


# RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

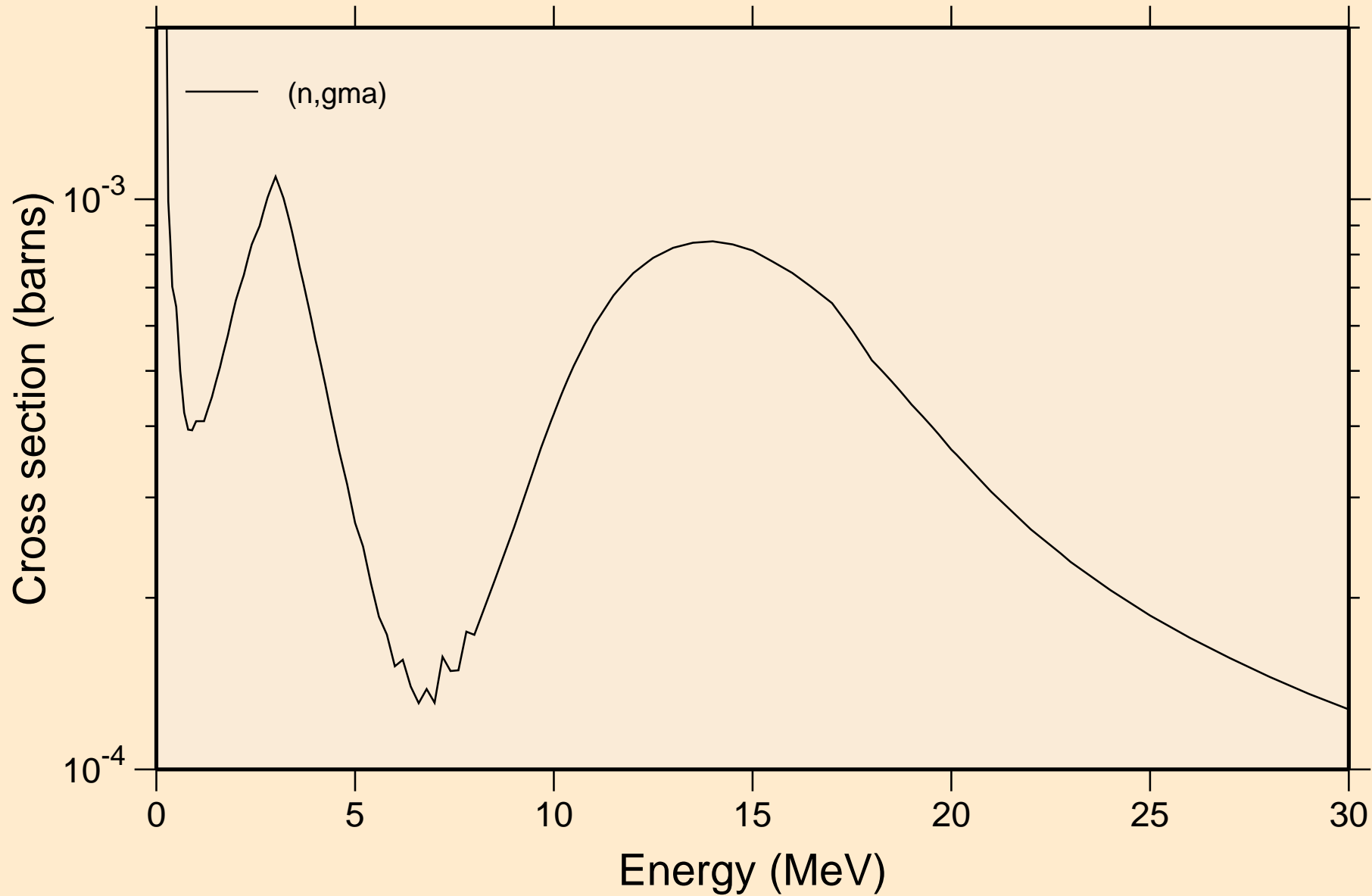
## Heating



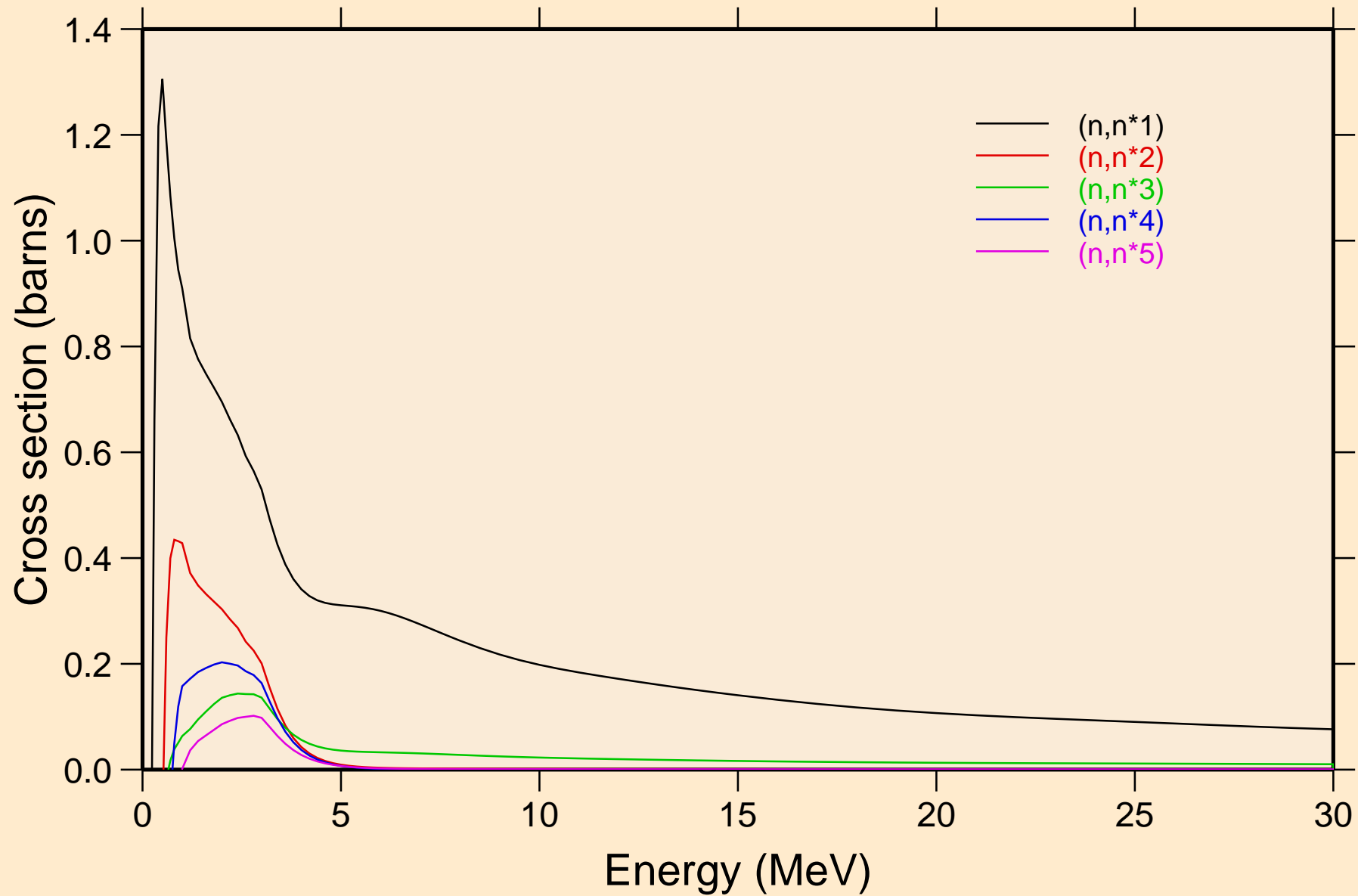
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



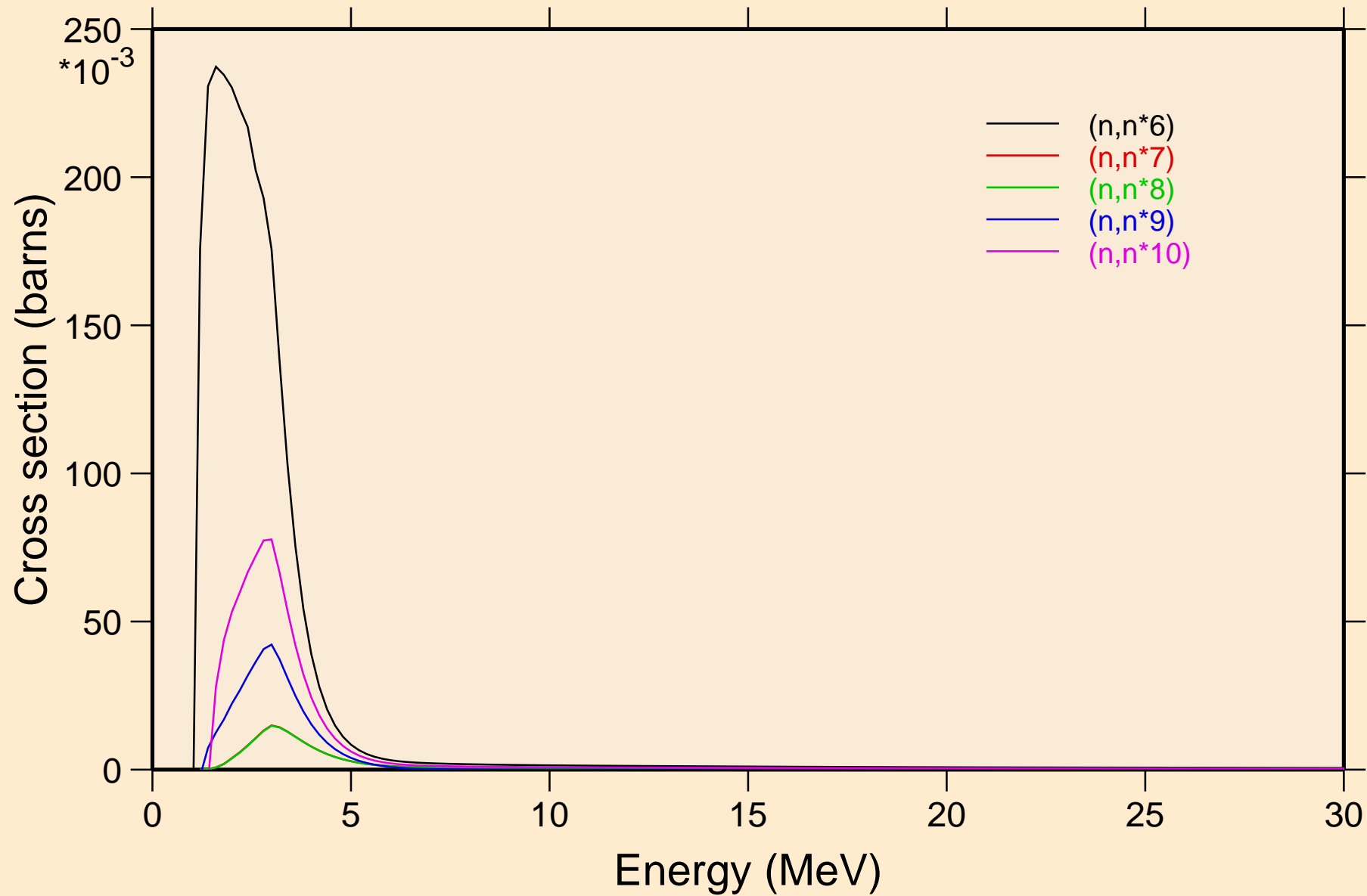
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

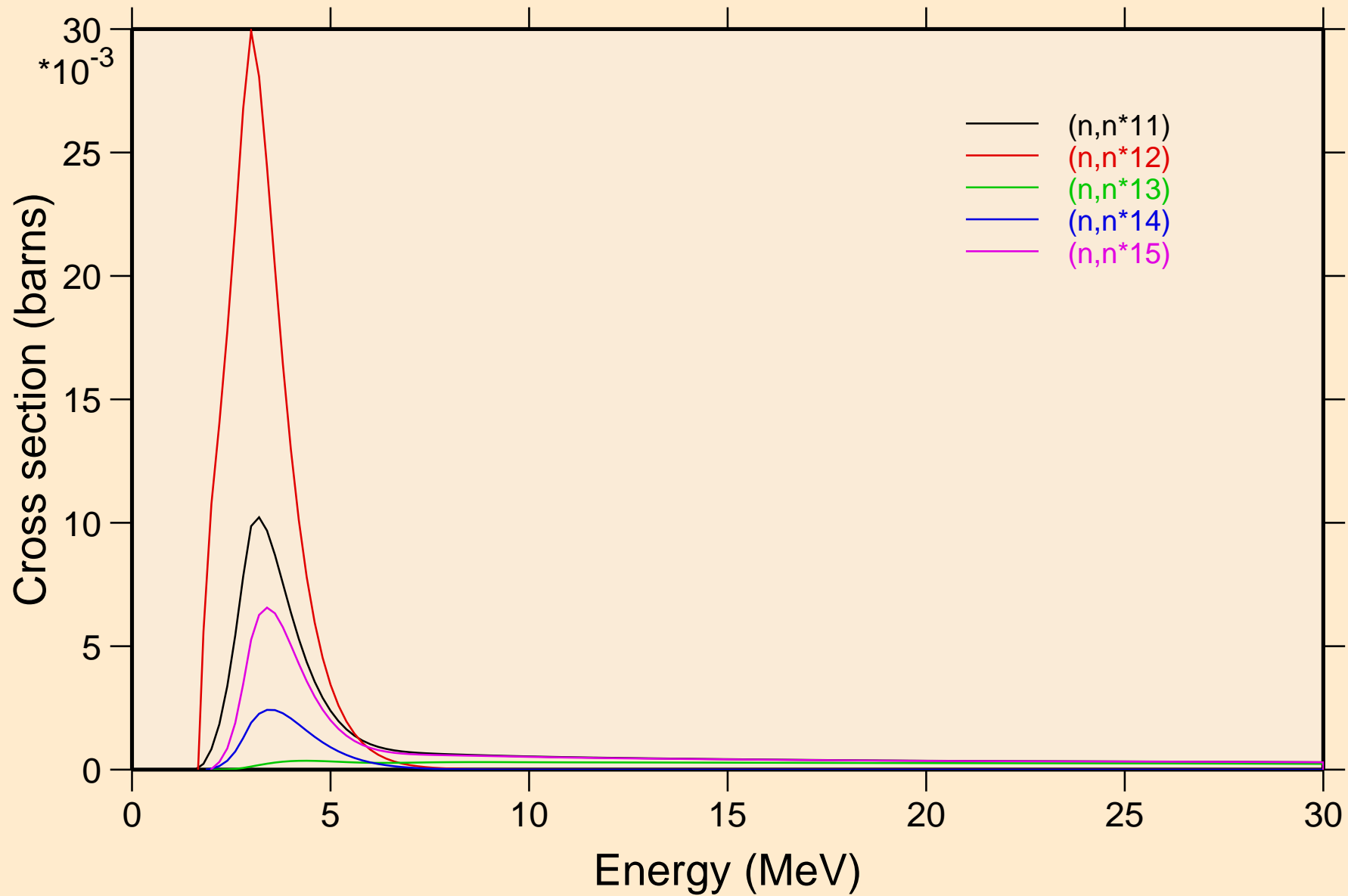


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

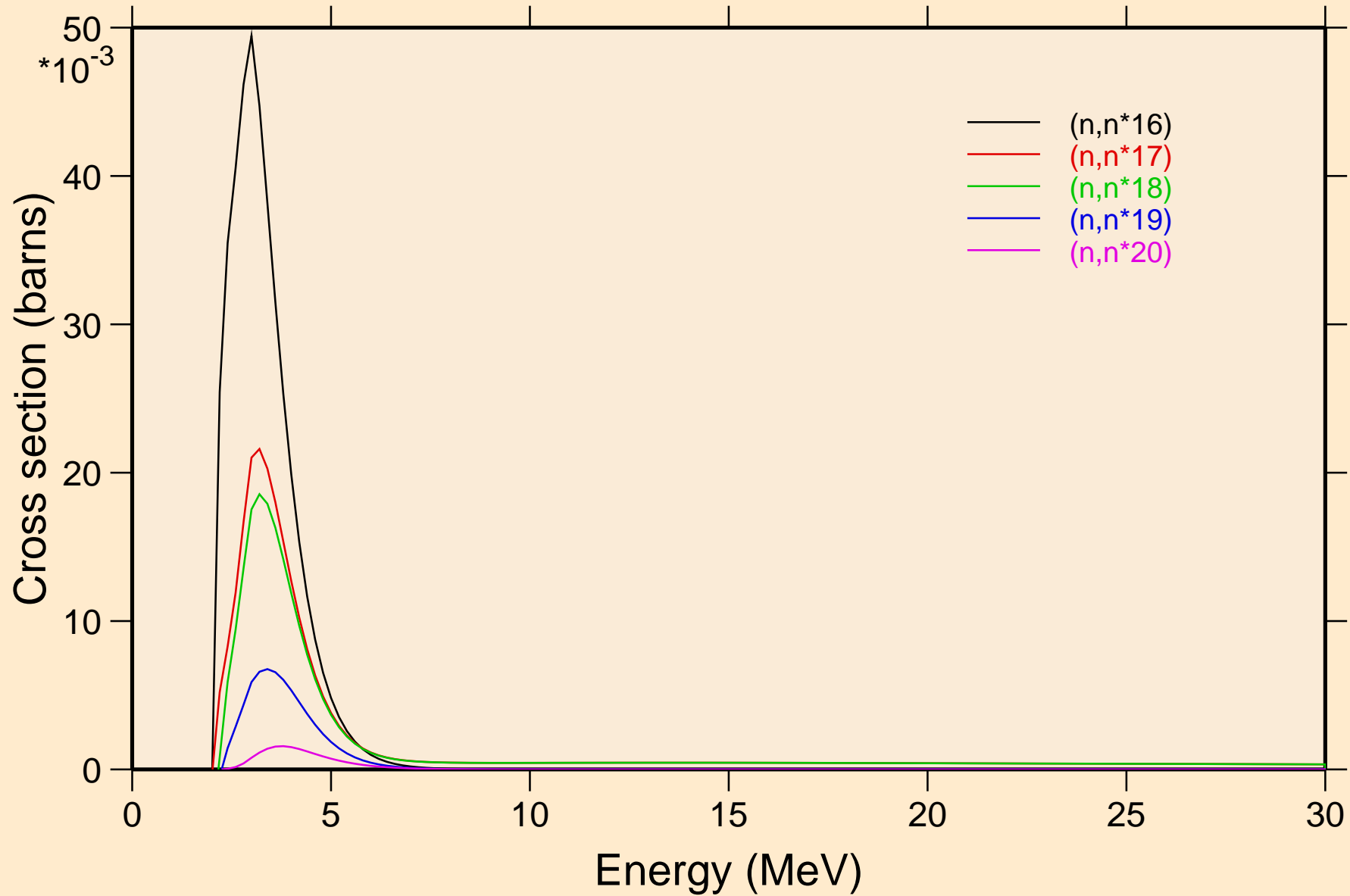




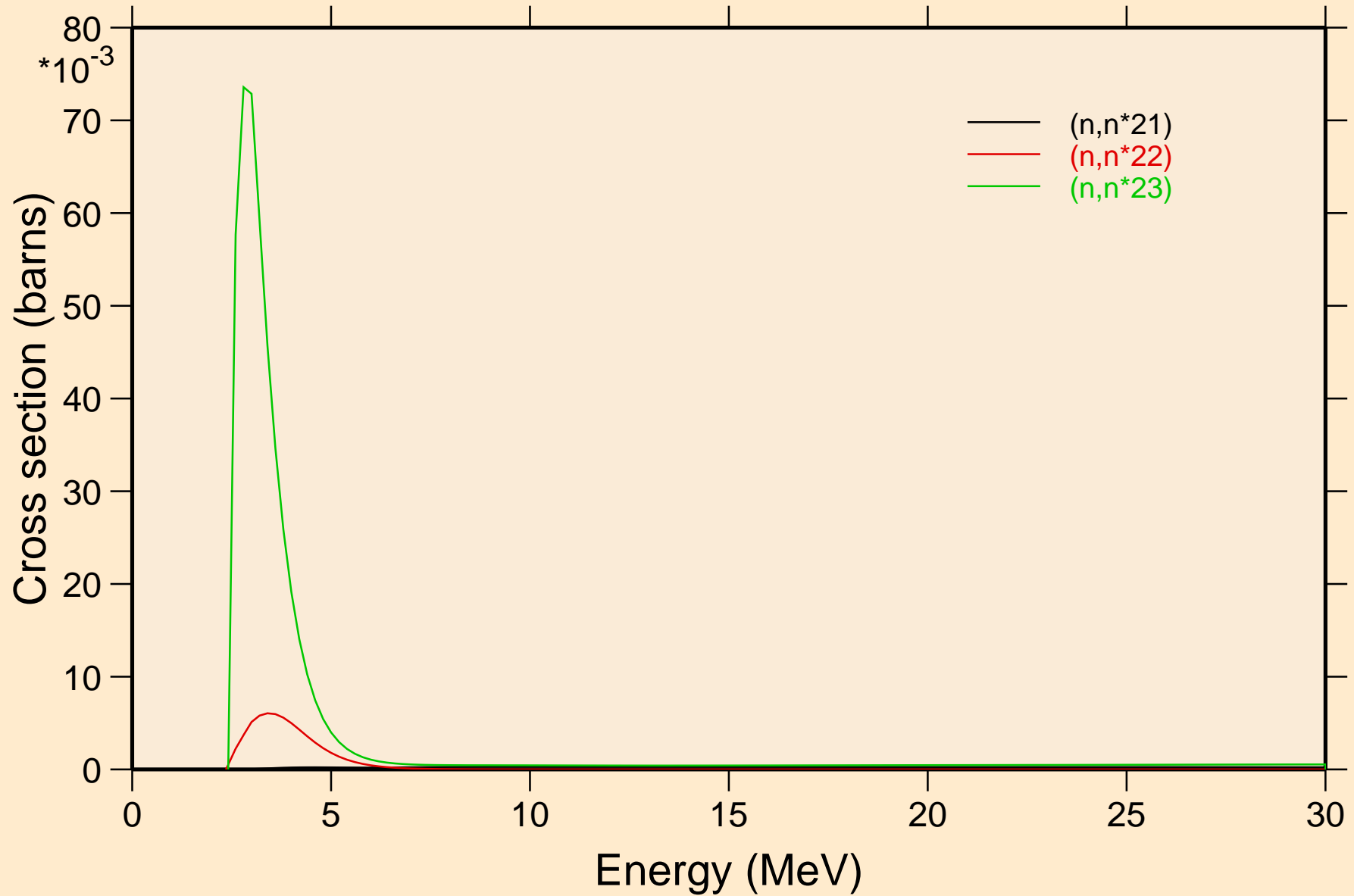
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

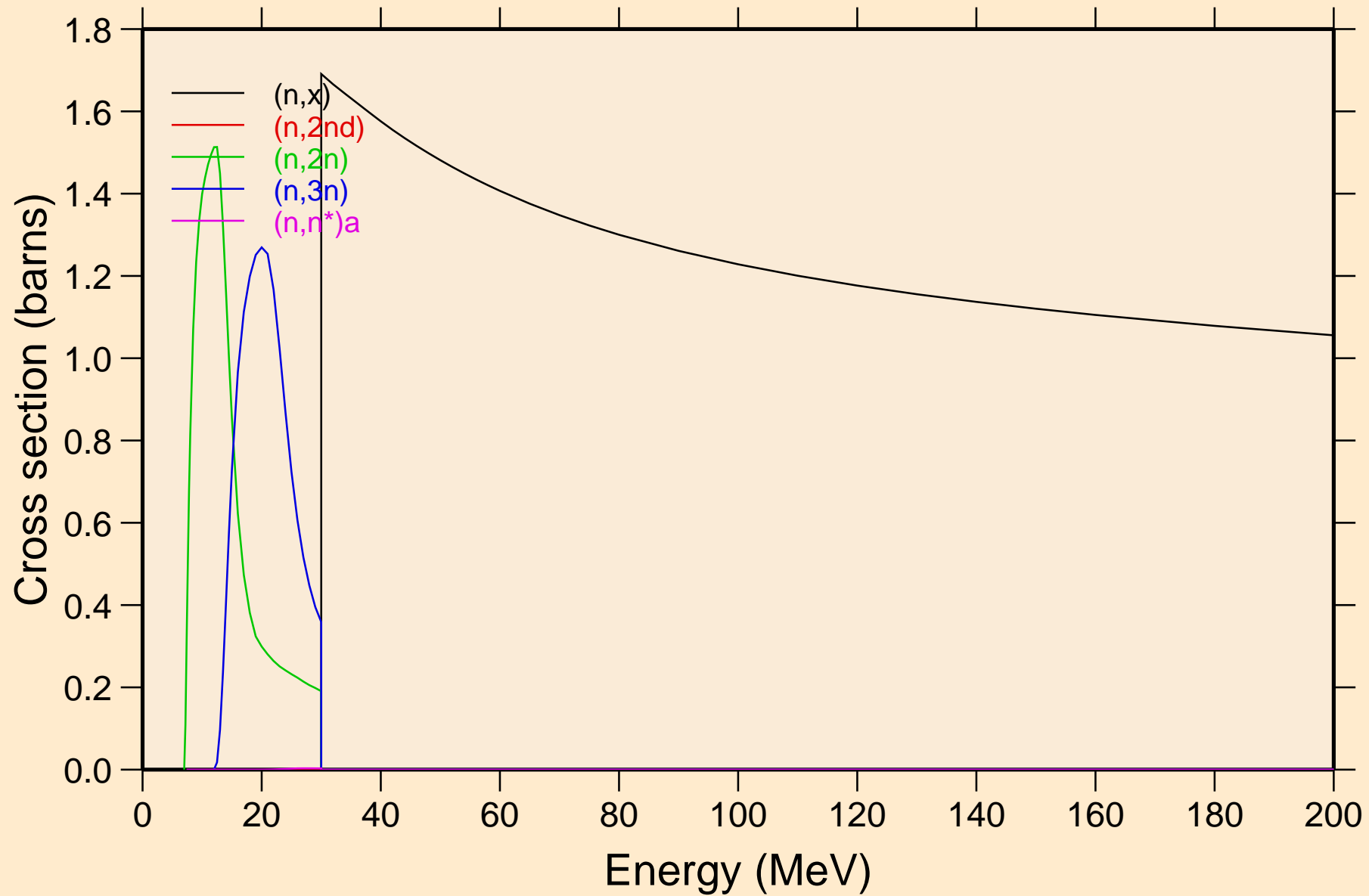


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



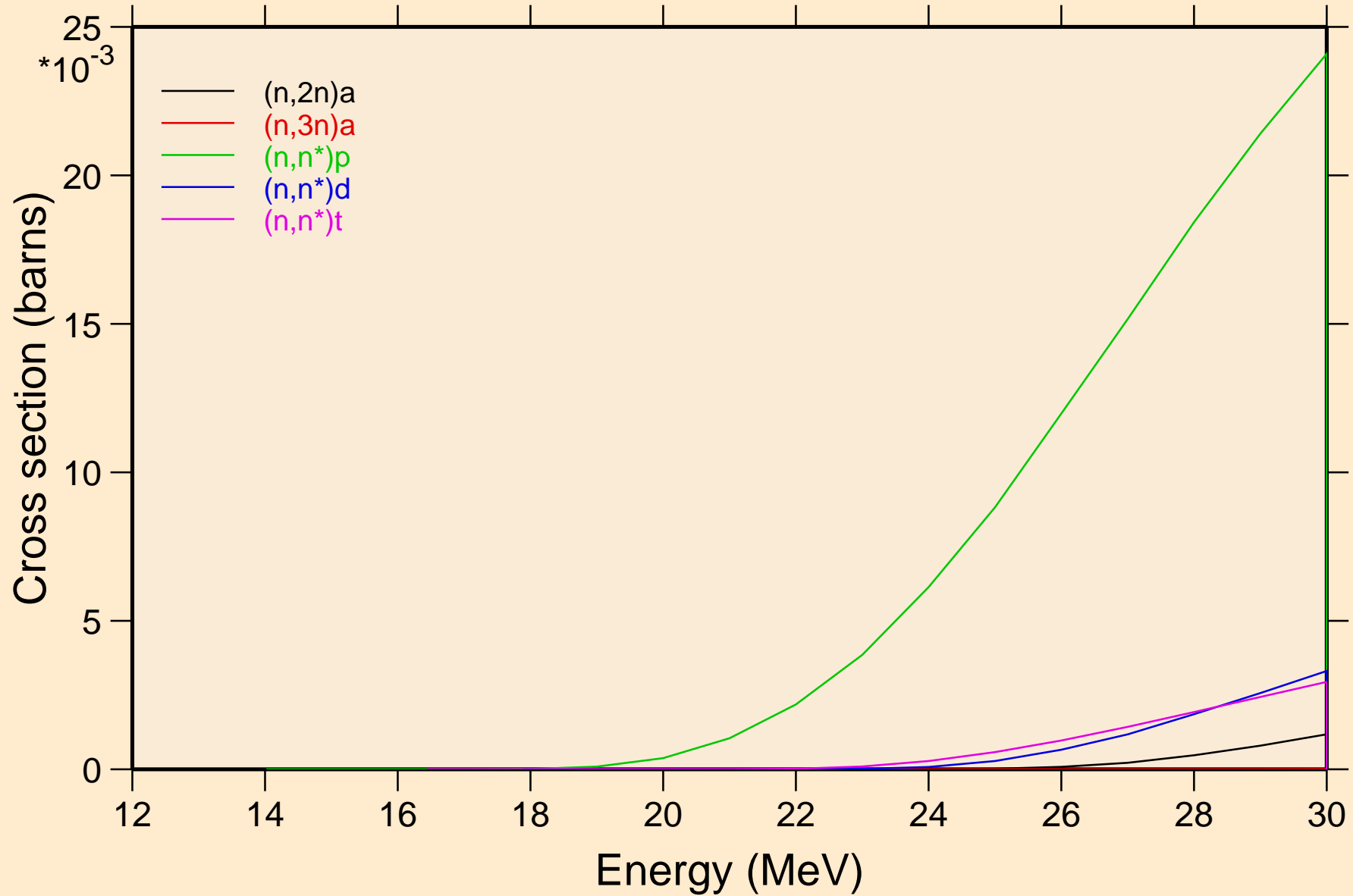
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## Threshold reactions

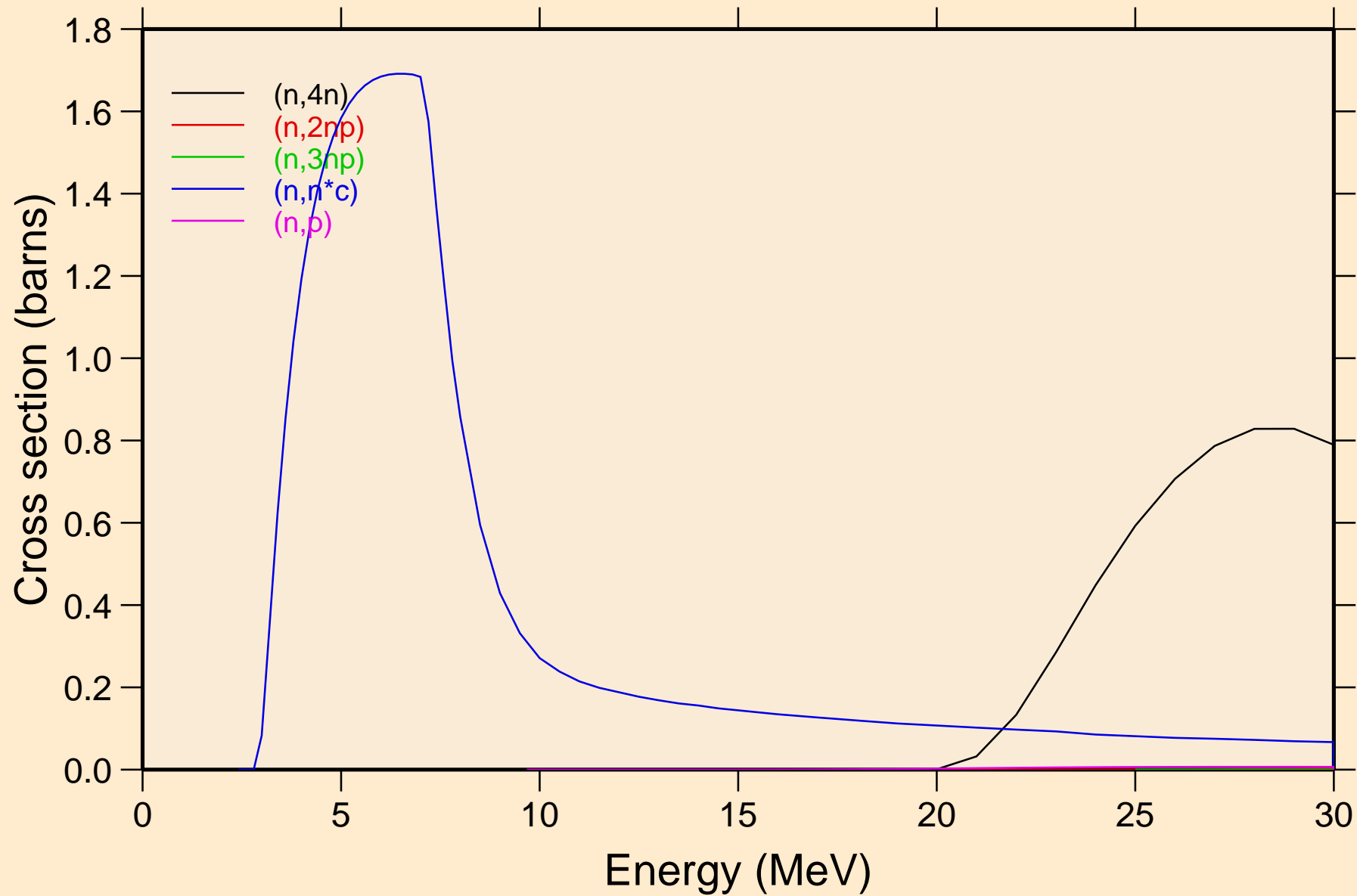


# RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

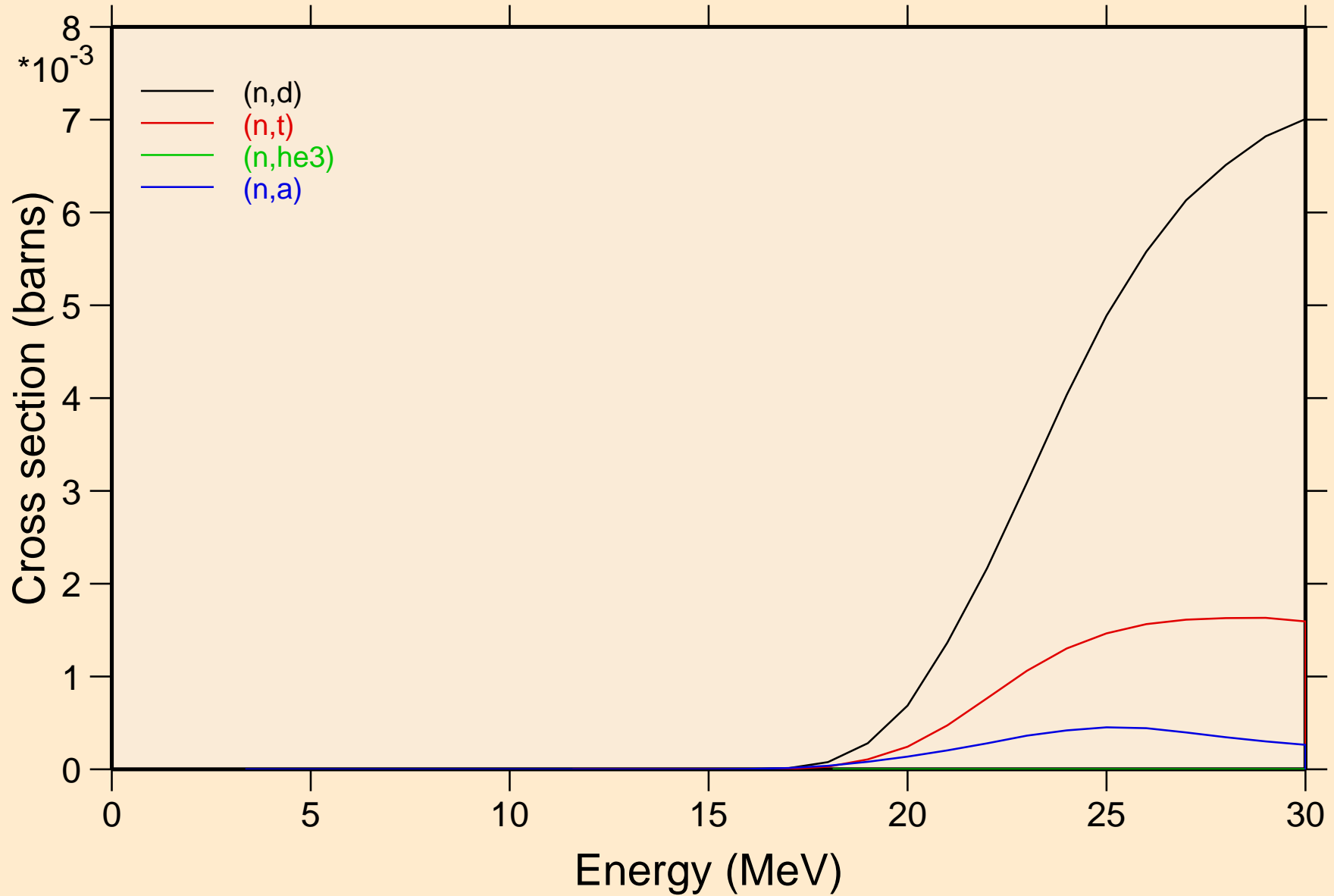
## Threshold reactions



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

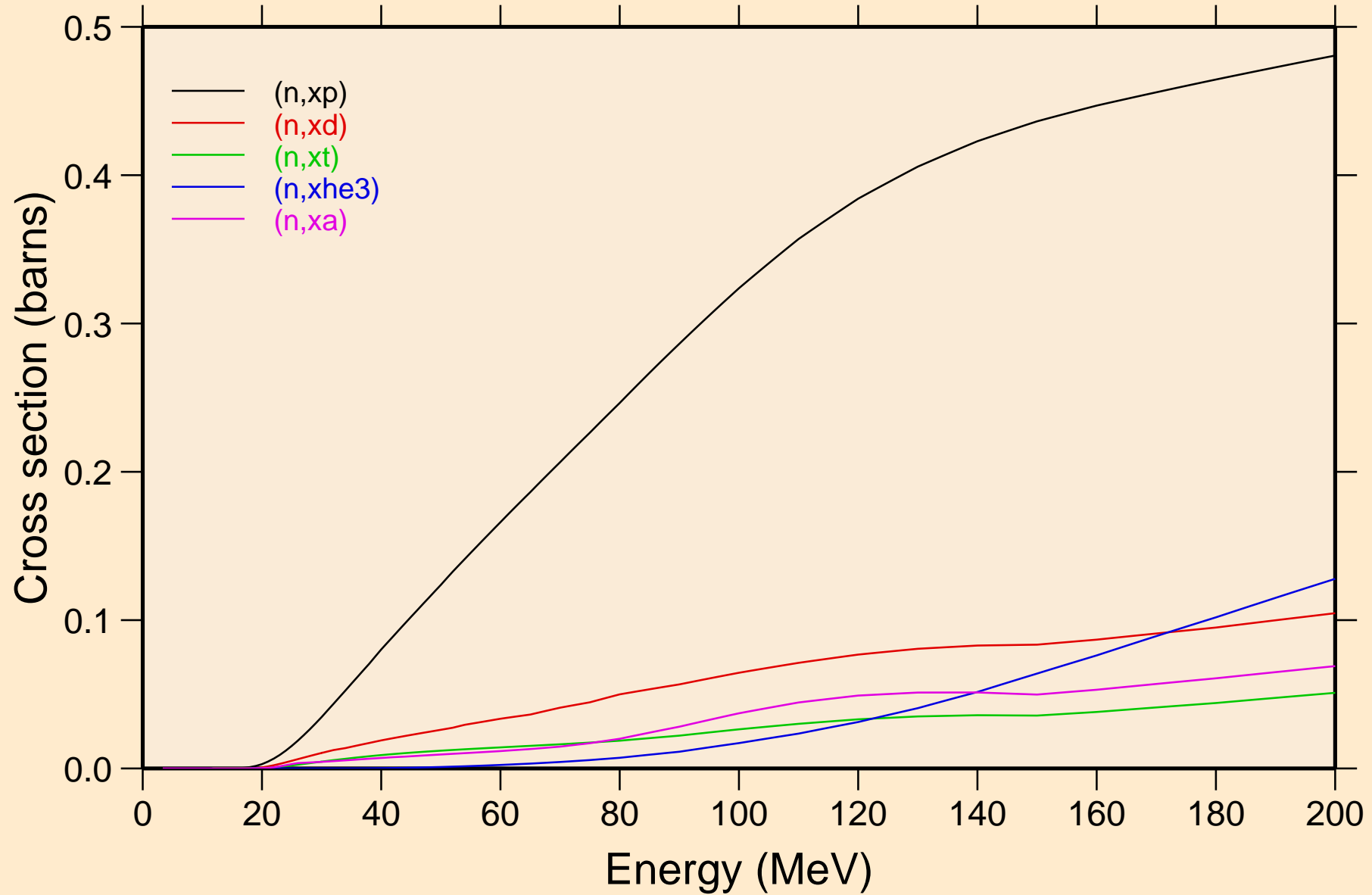


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



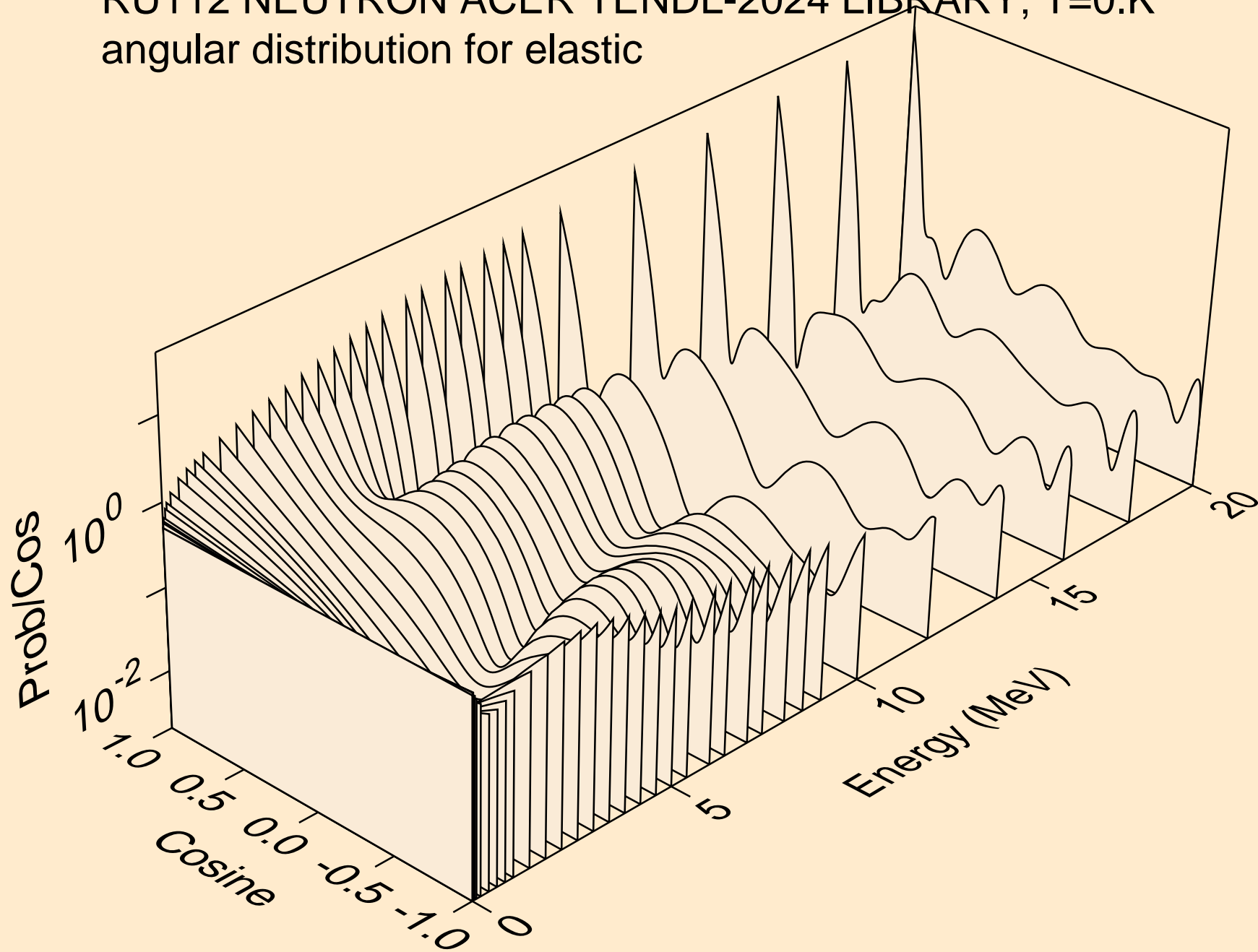
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## Threshold reactions

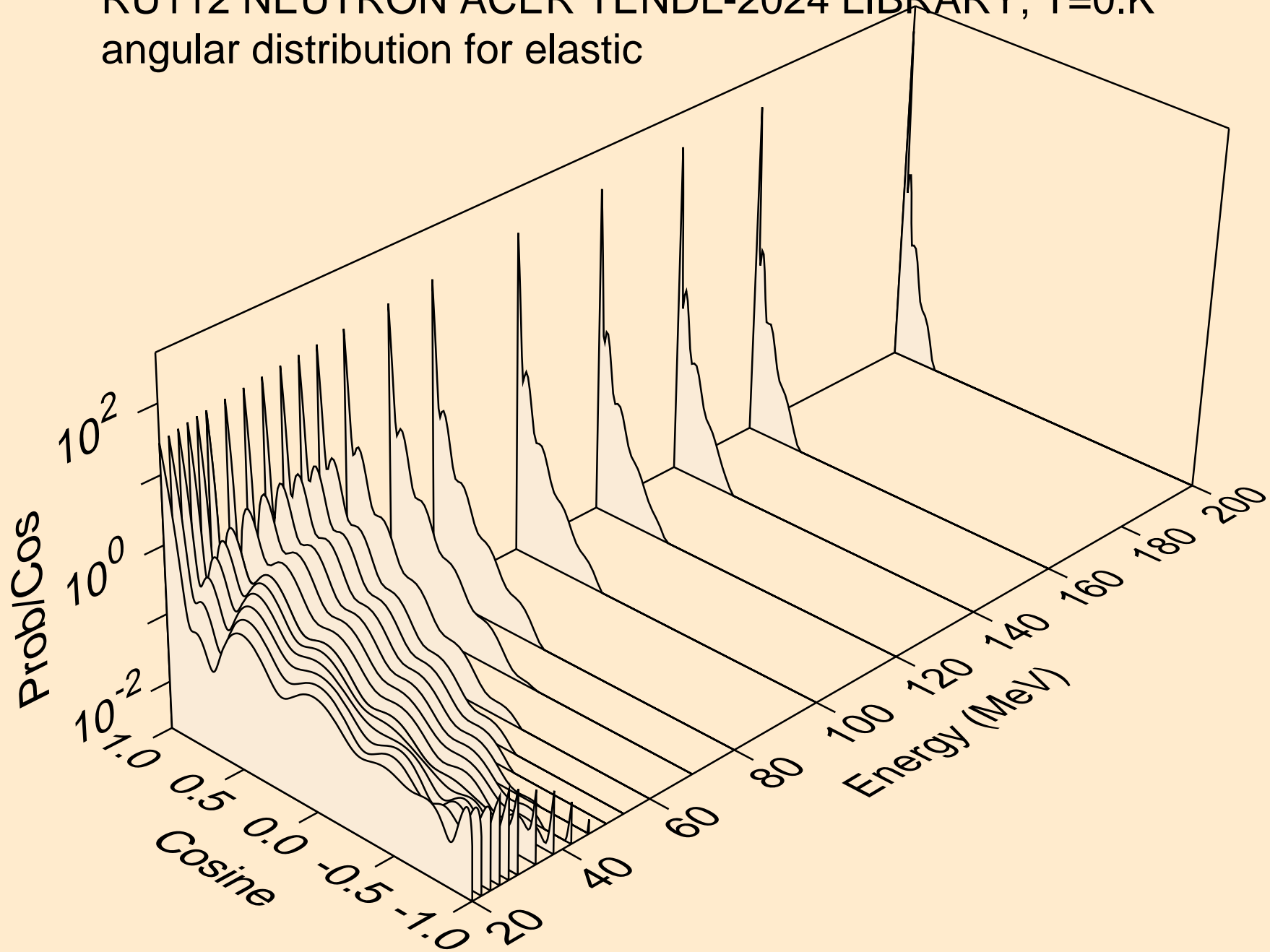




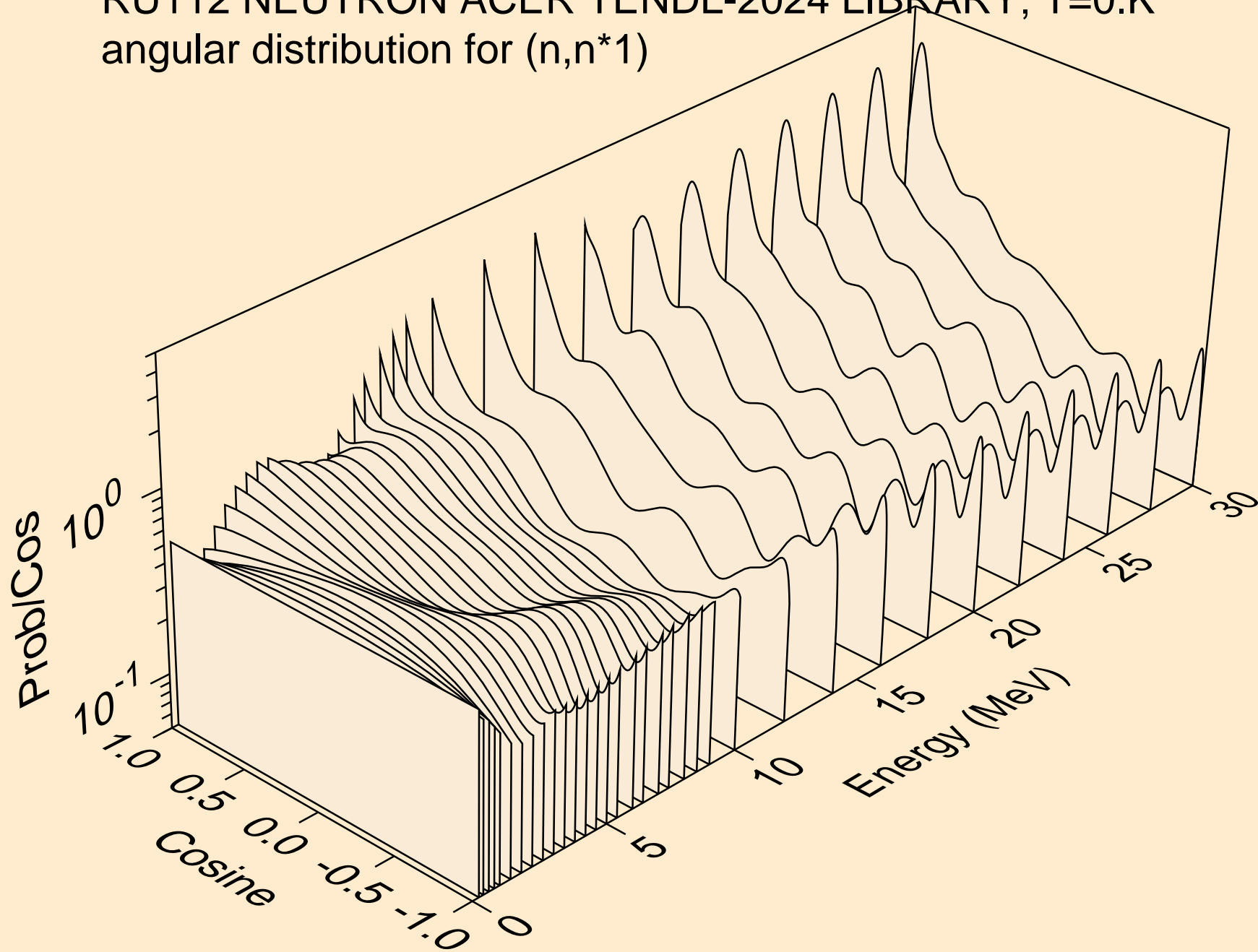
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



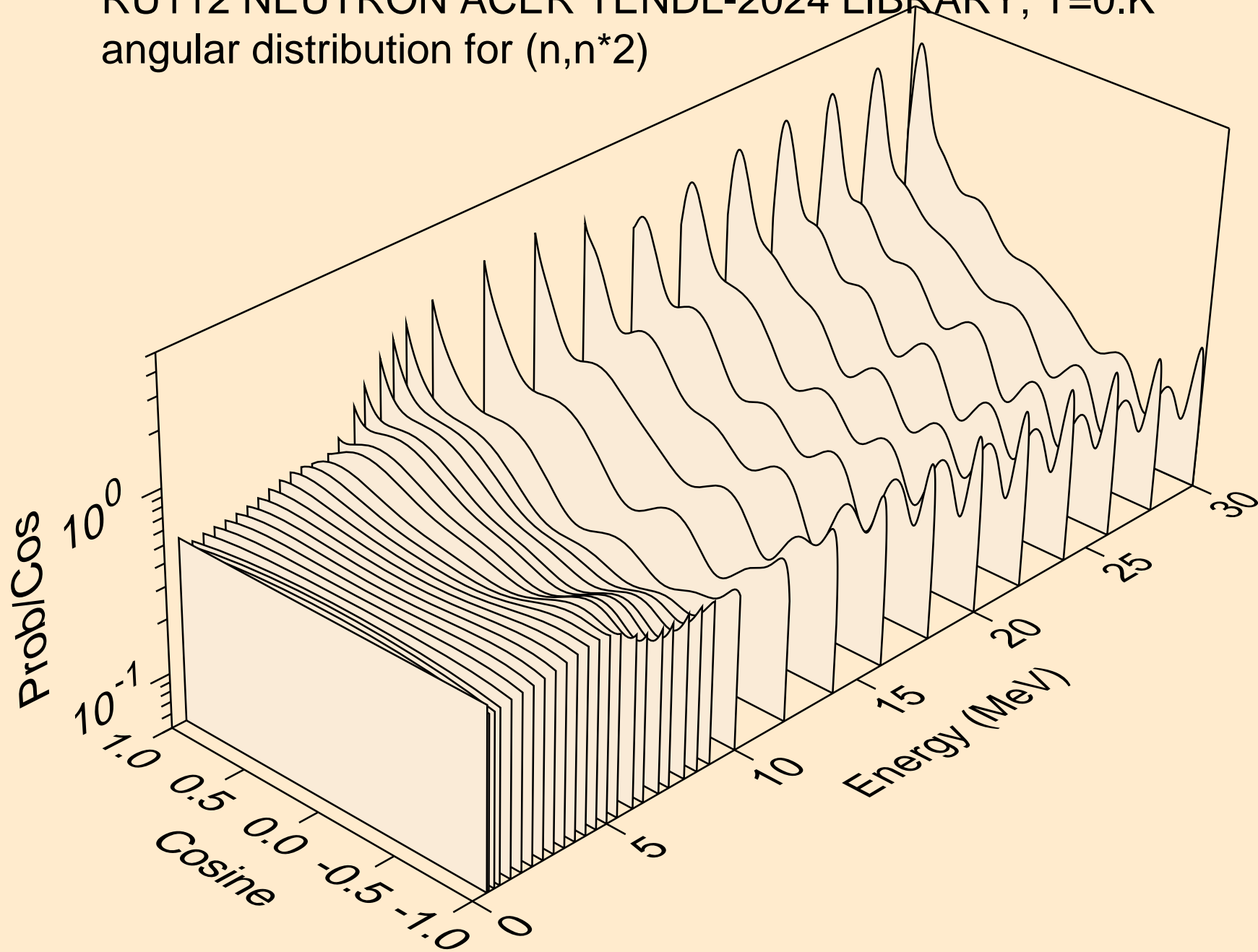
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angular distribution for elastic



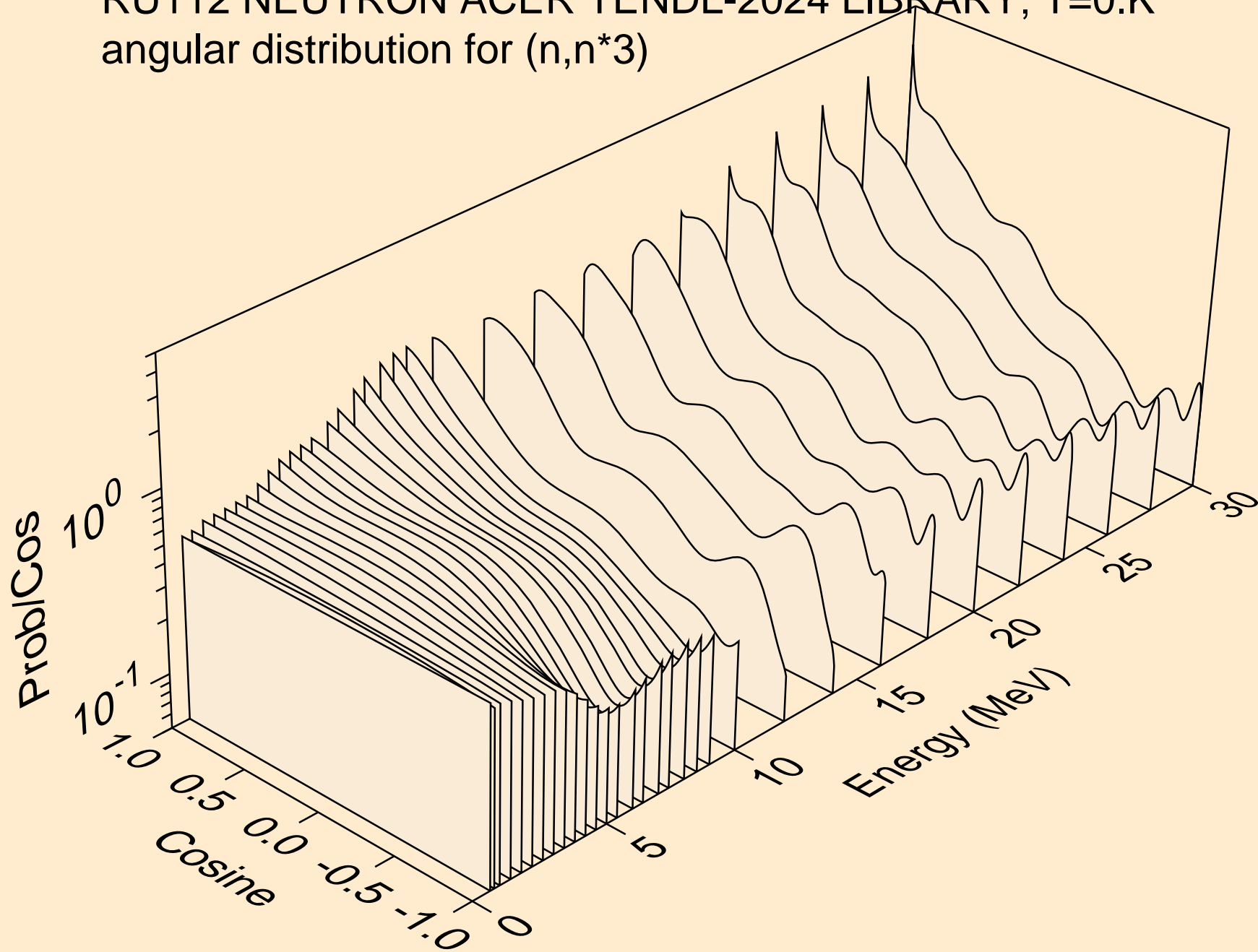
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



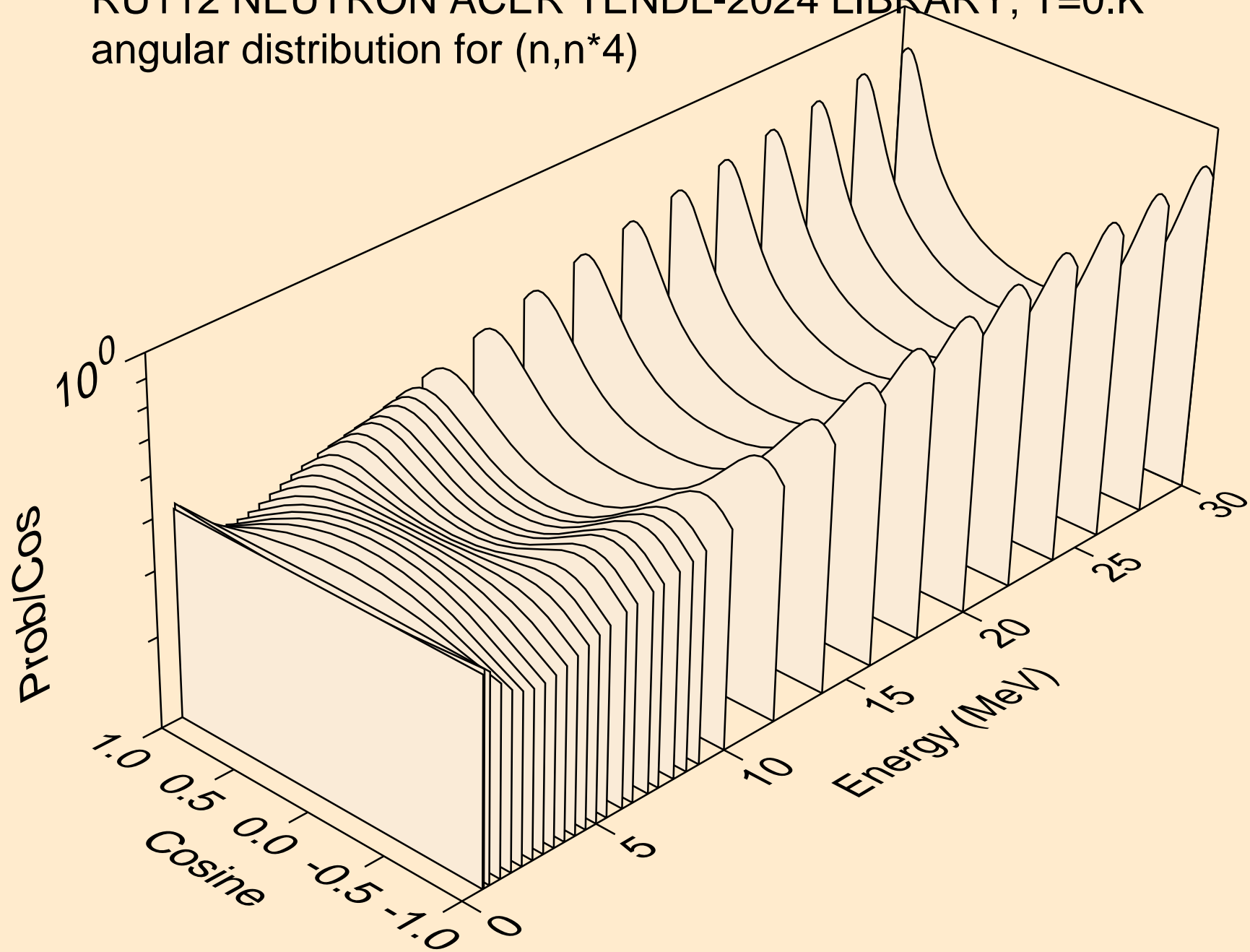
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angular distribution for (n,n\*2)



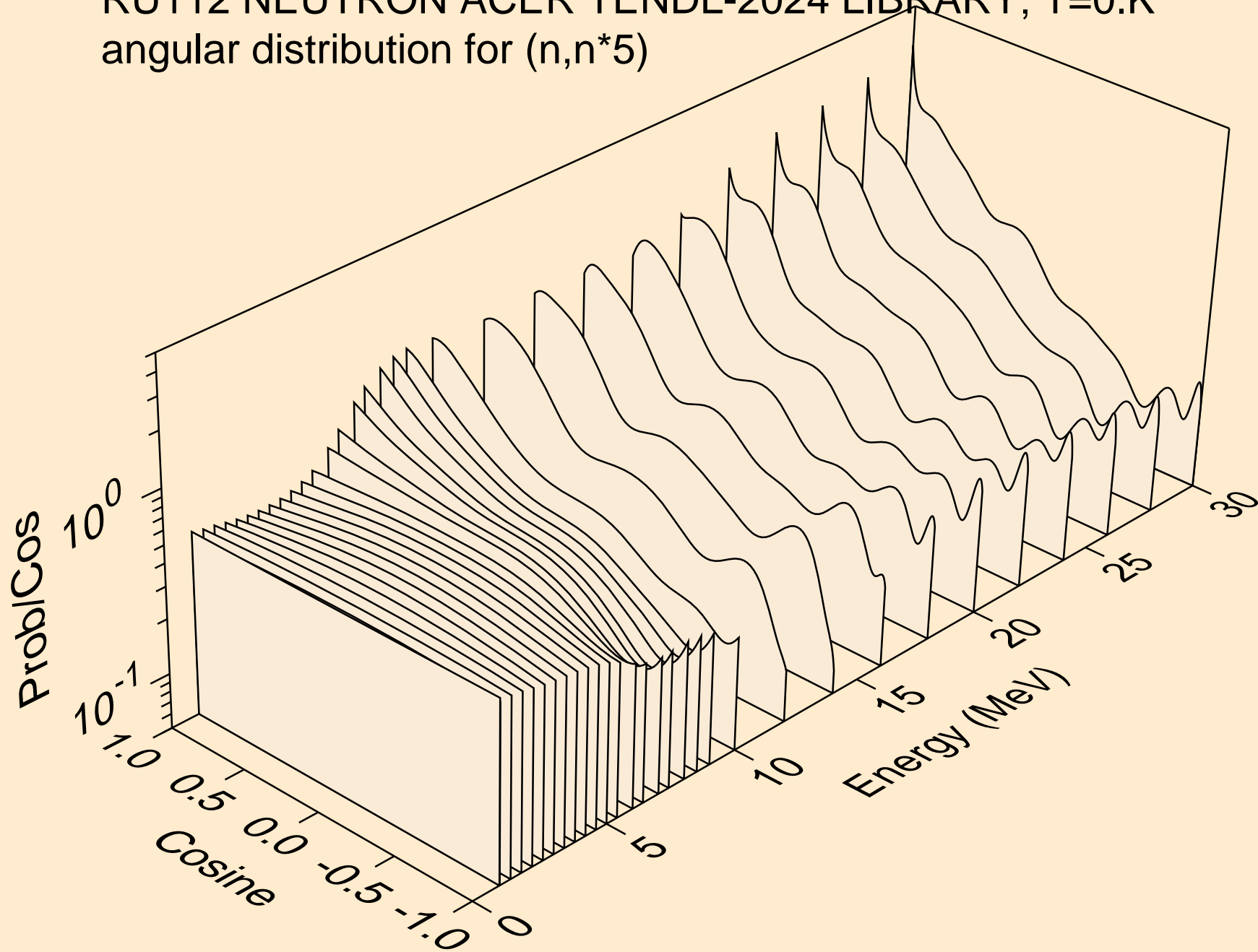
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angular distribution for (n,n\*3)



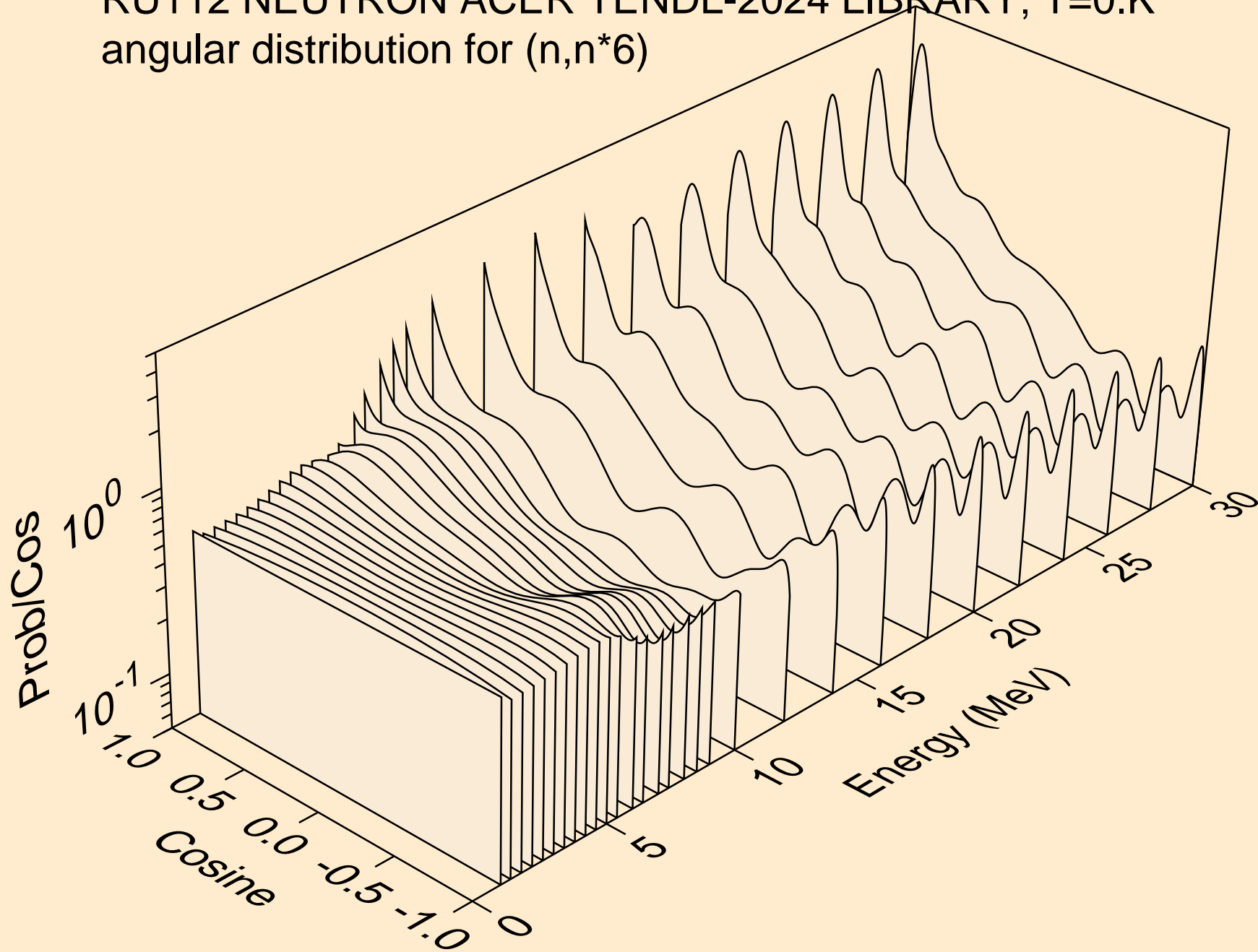
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

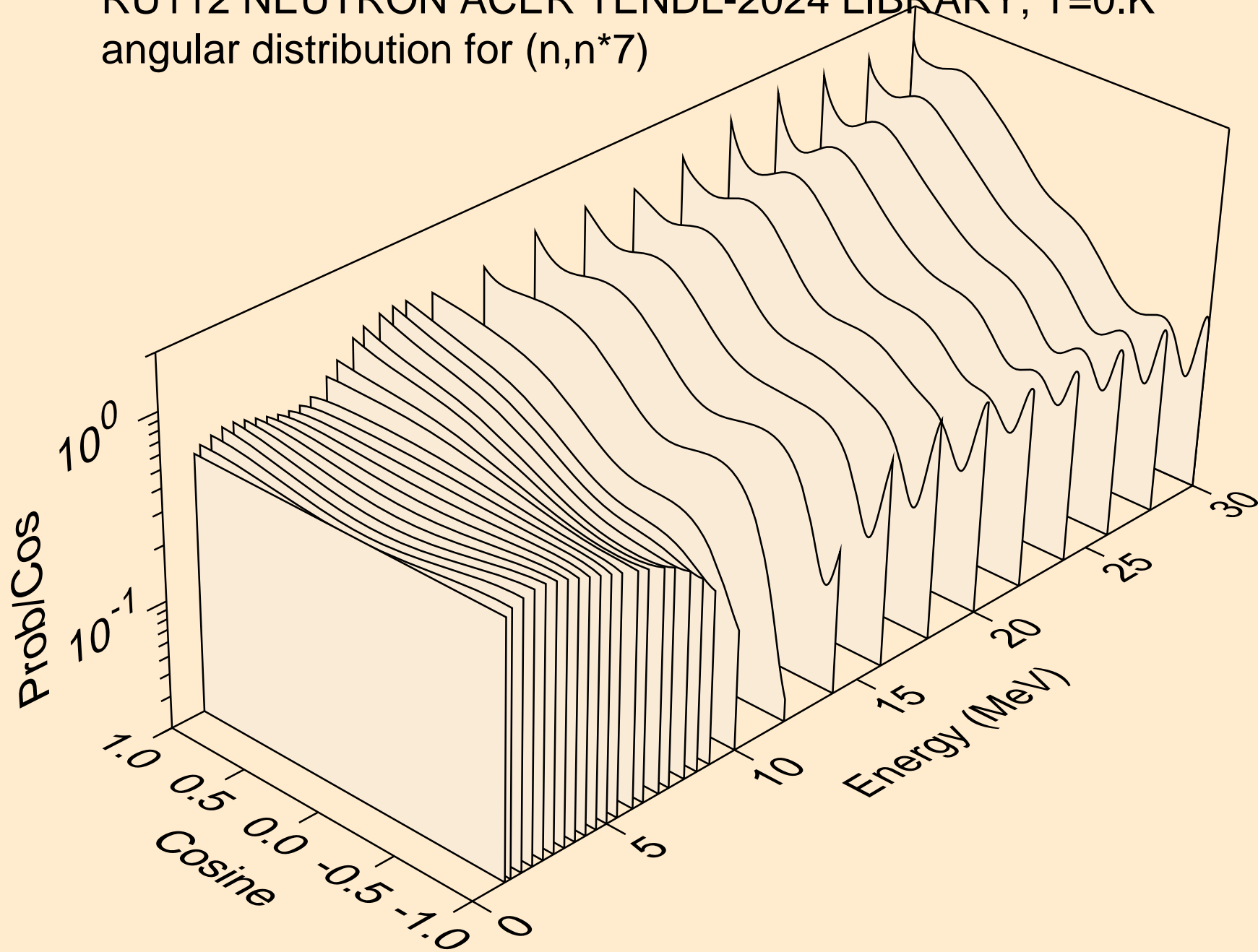


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

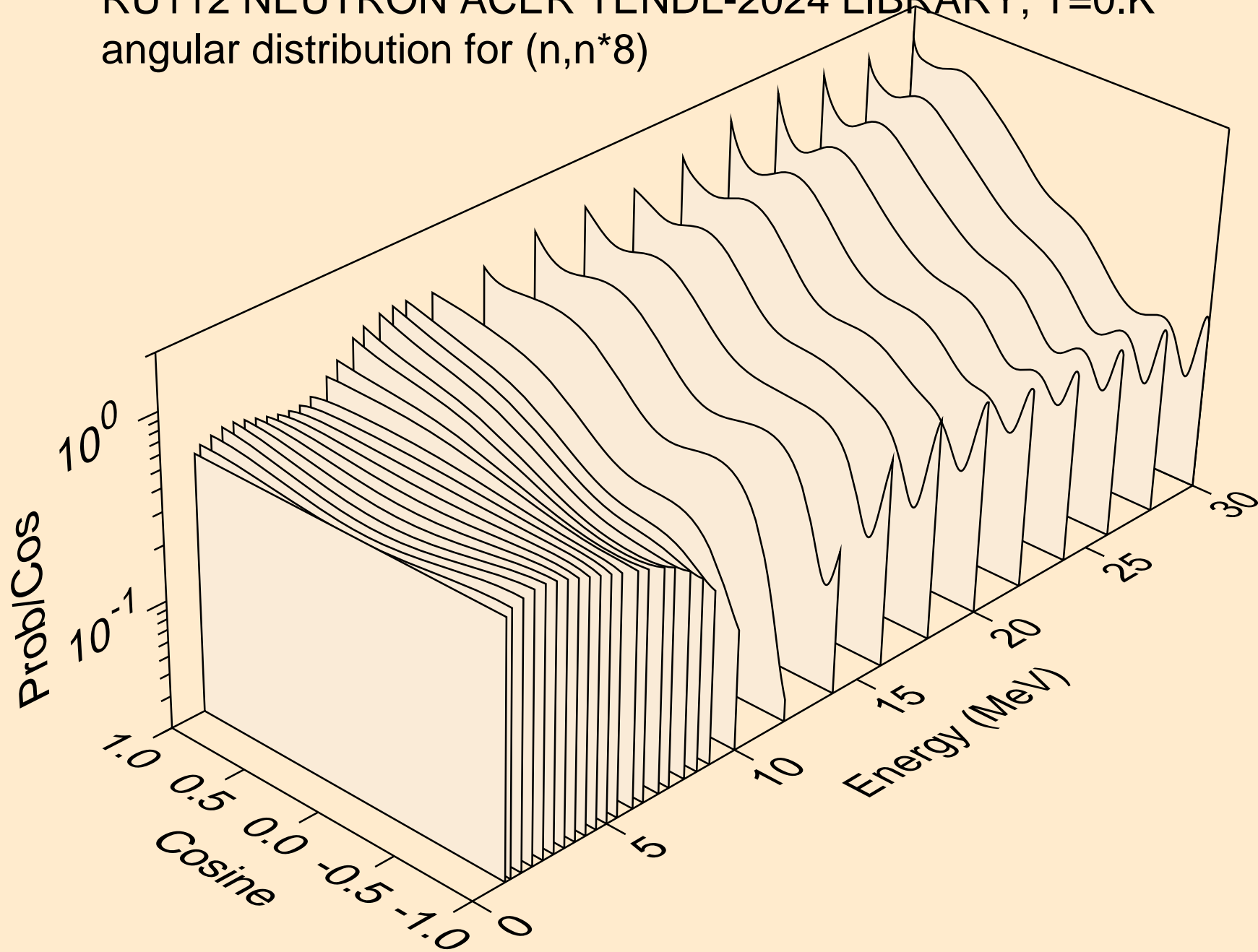




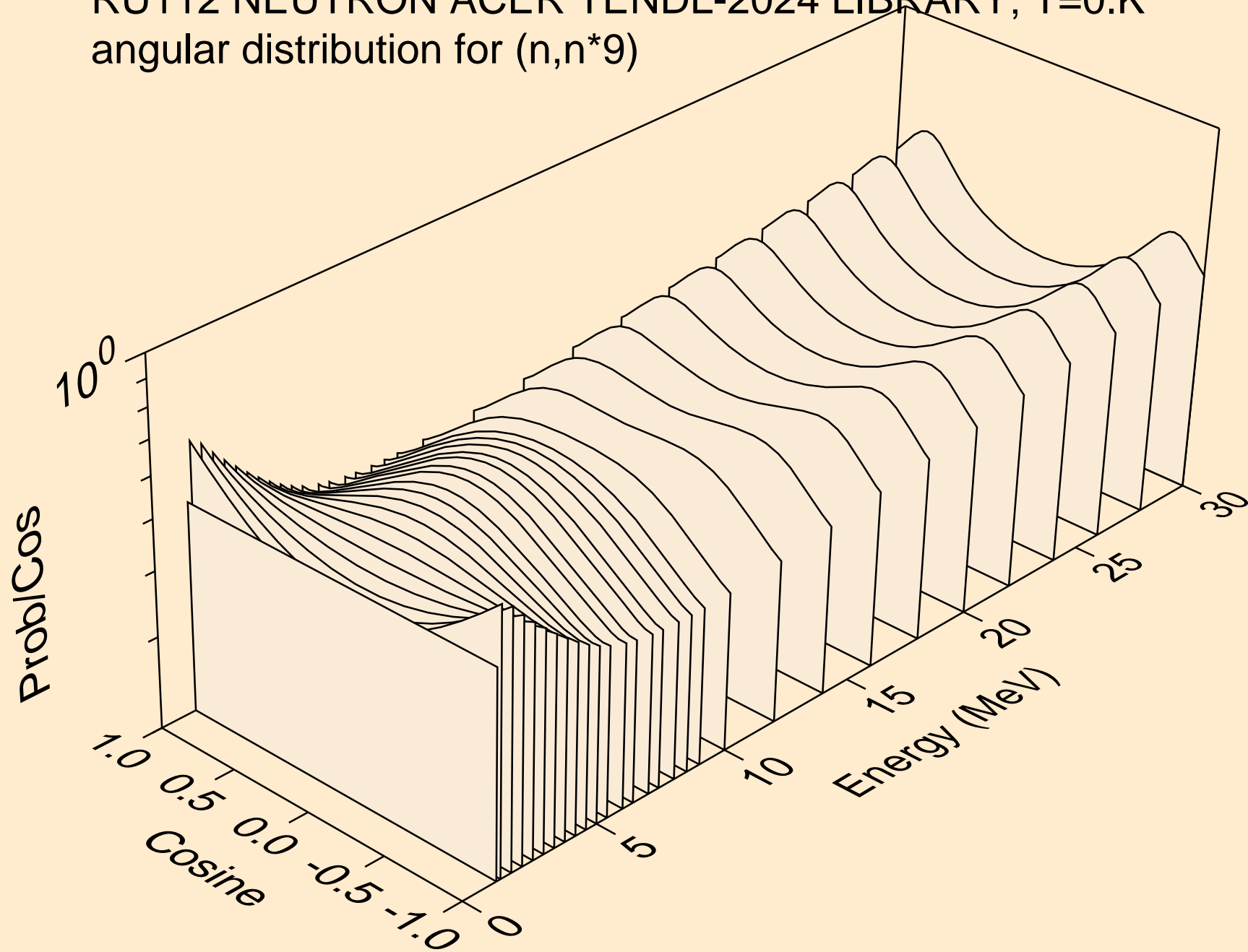
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angular distribution for (n,n\*7)



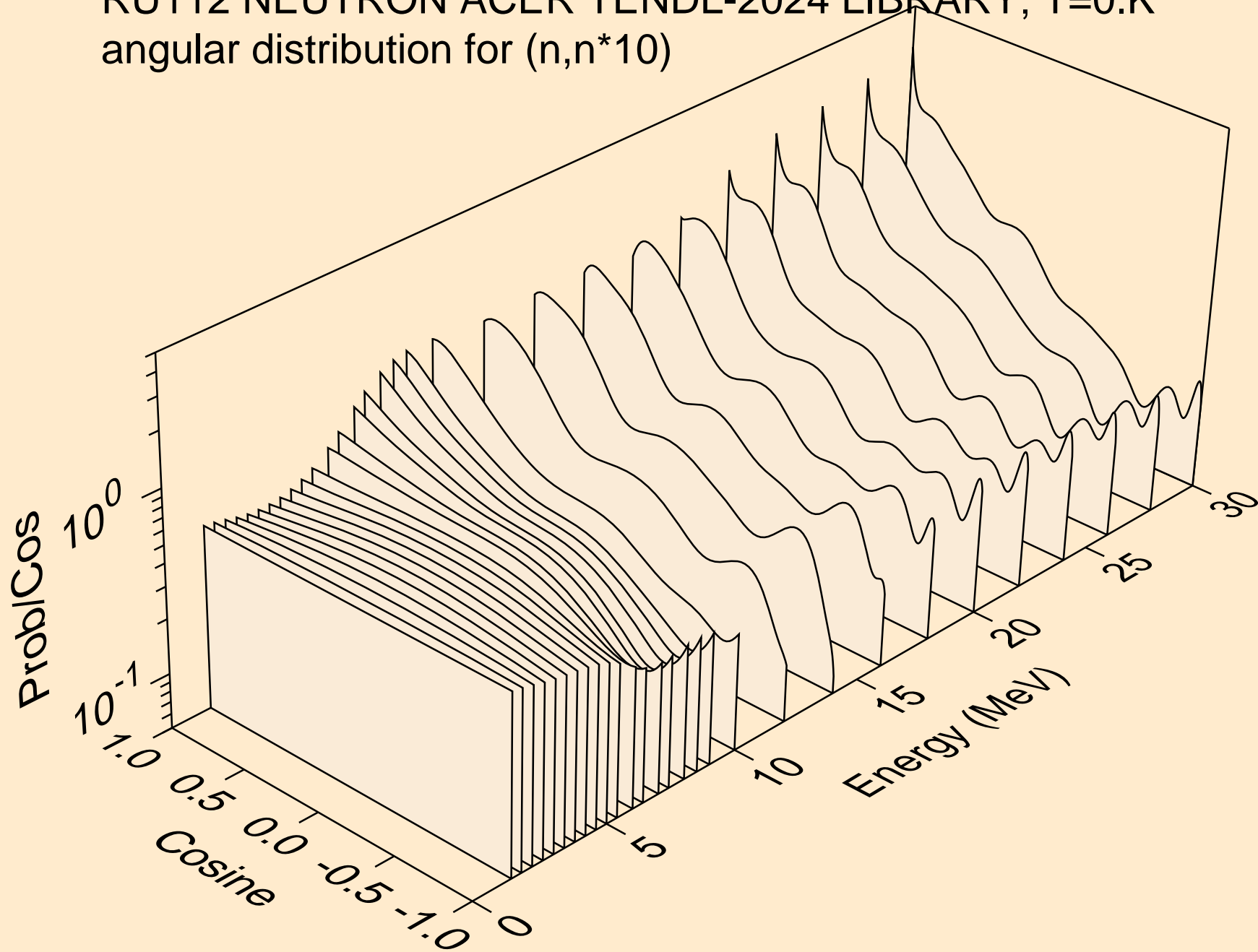
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angular distribution for (n,n\*8)



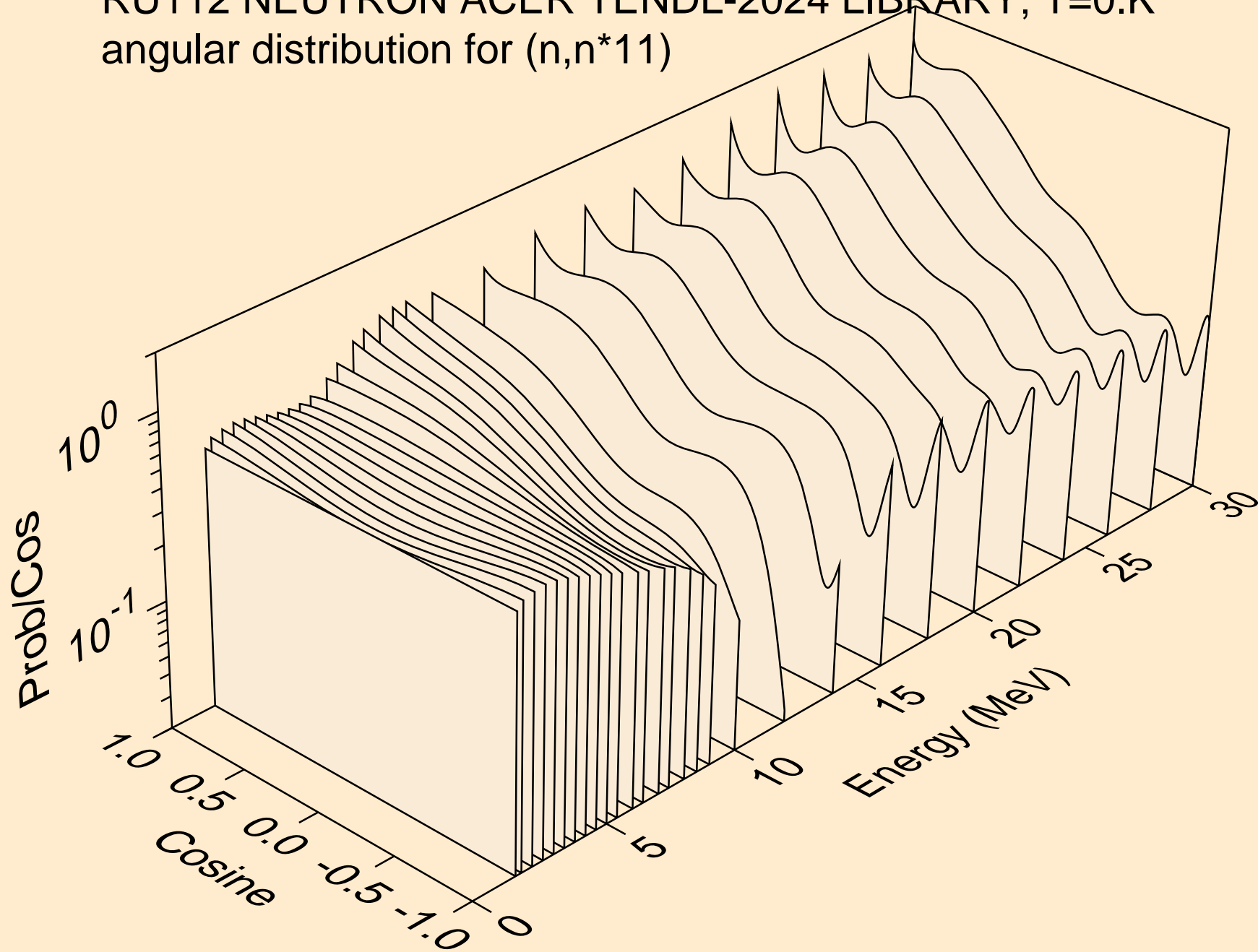
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angular distribution for (n,n\*9)



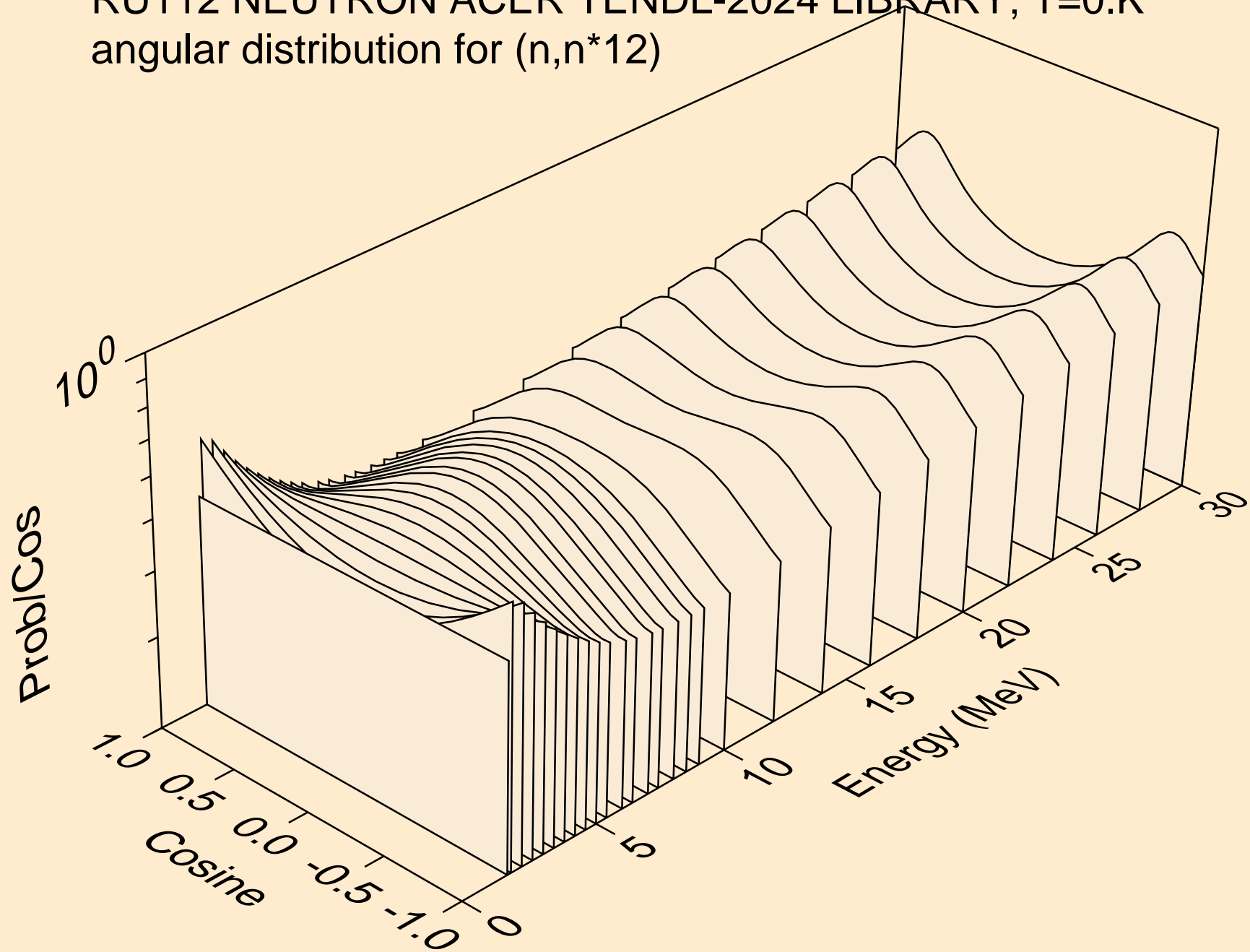
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angular distribution for (n,n\*10)



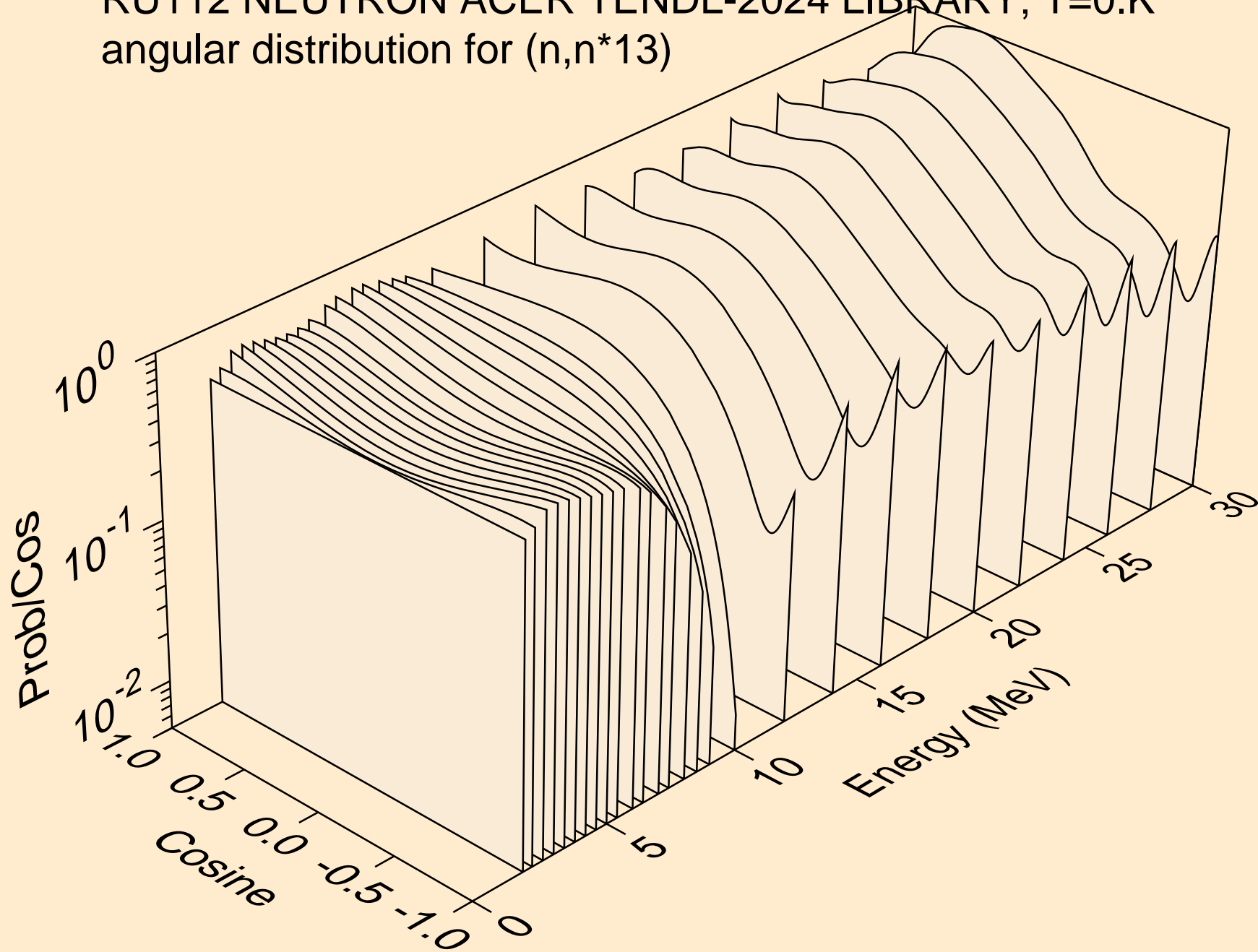
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angular distribution for (n,n\*11)



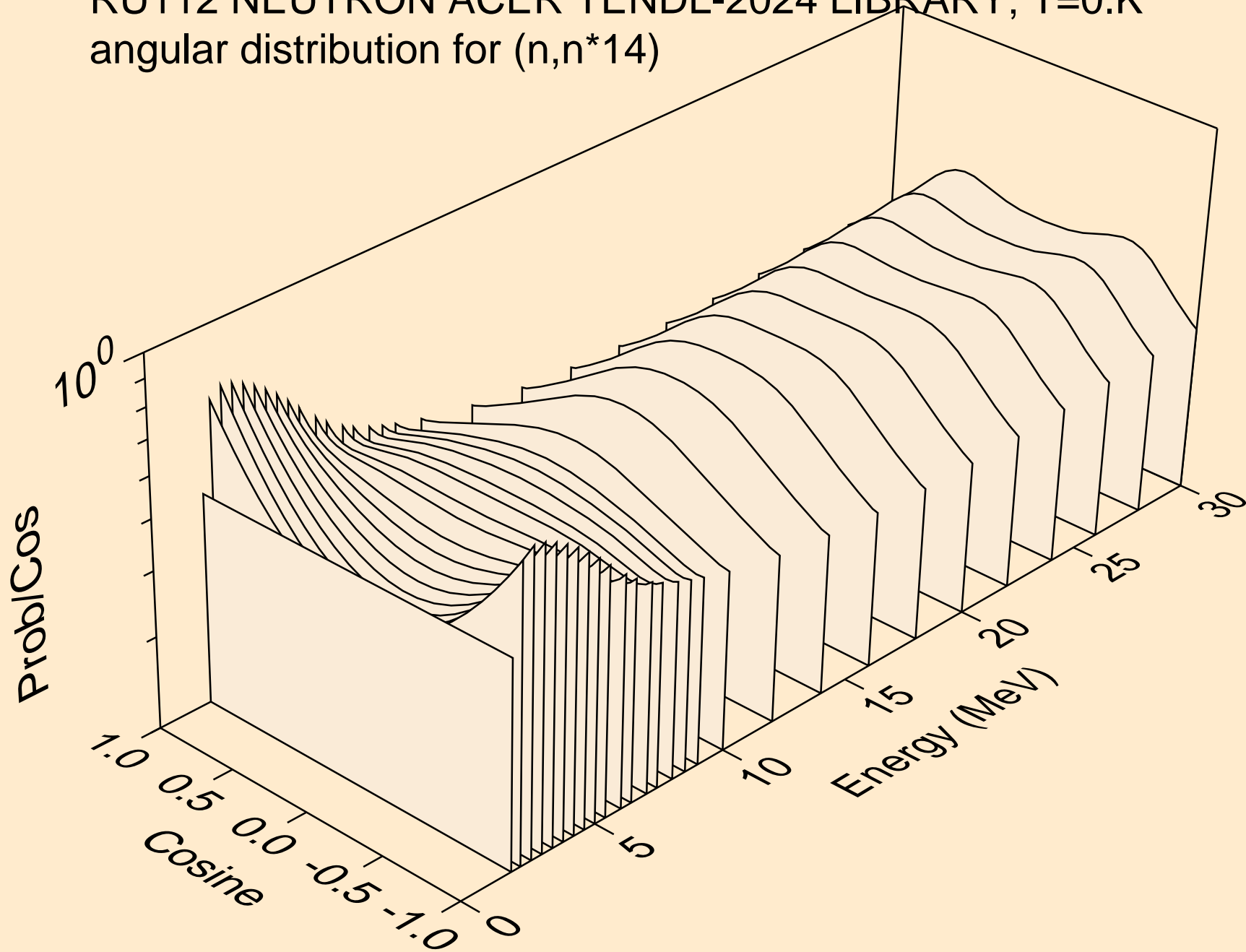
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

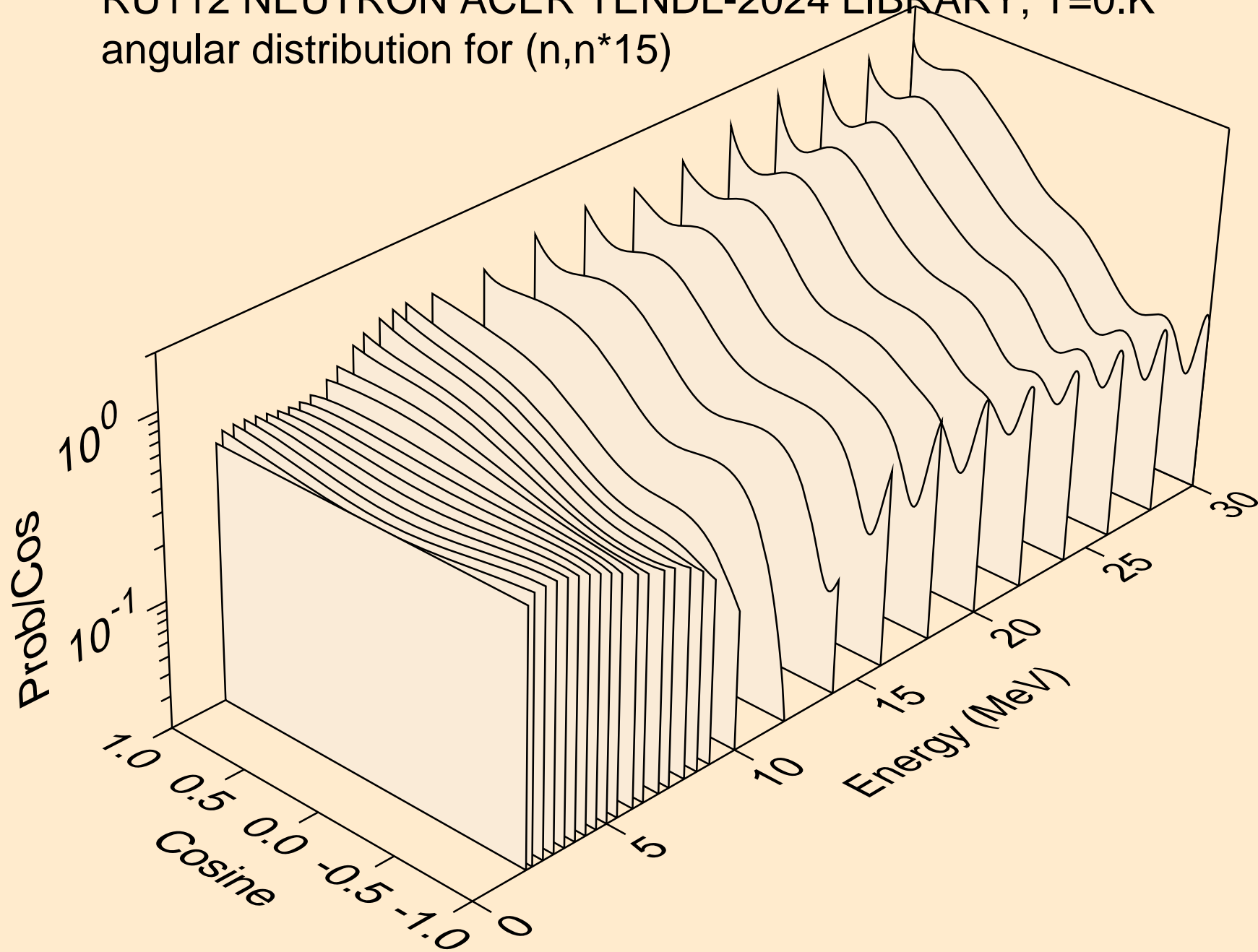


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angular distribution for (n,n\*14)

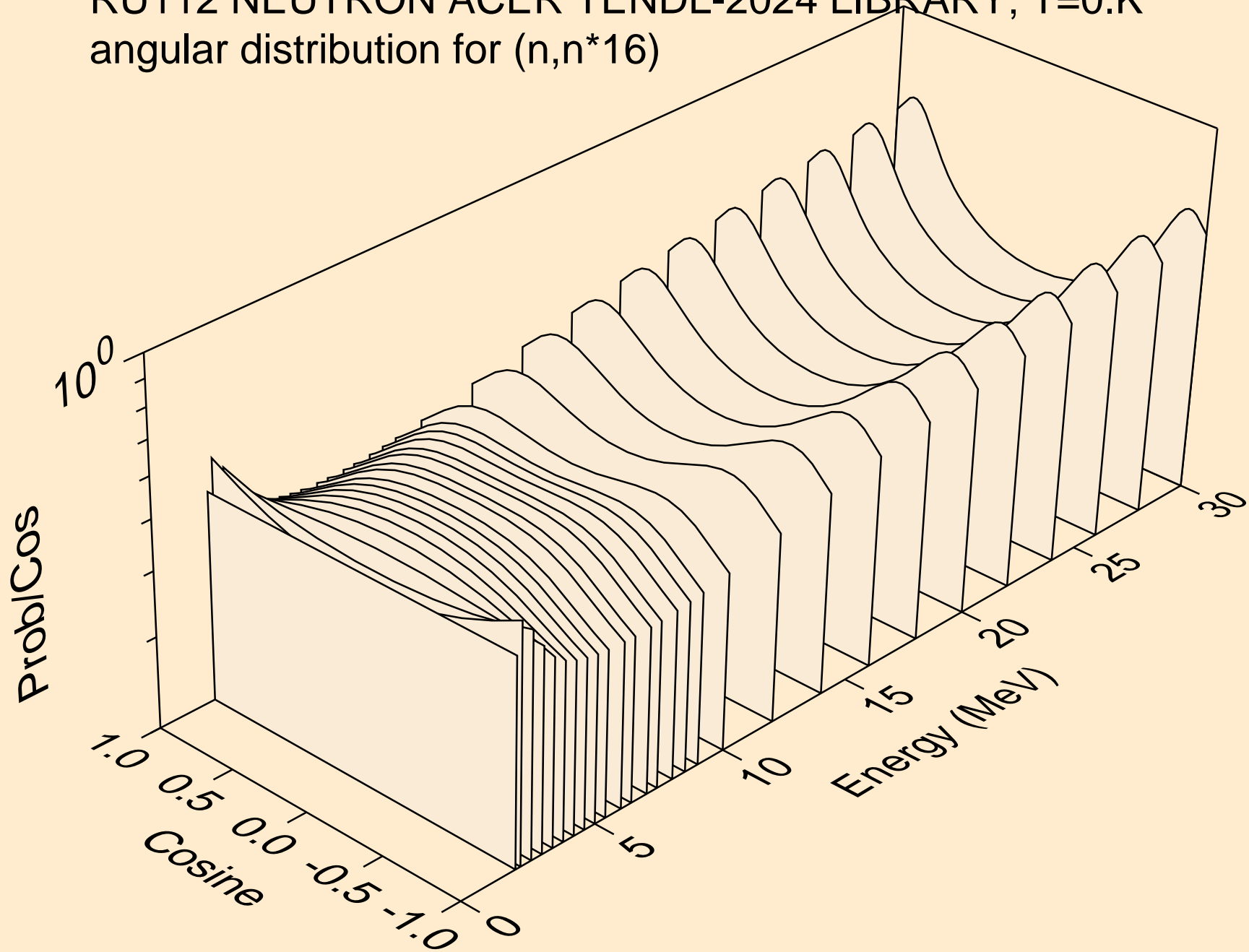




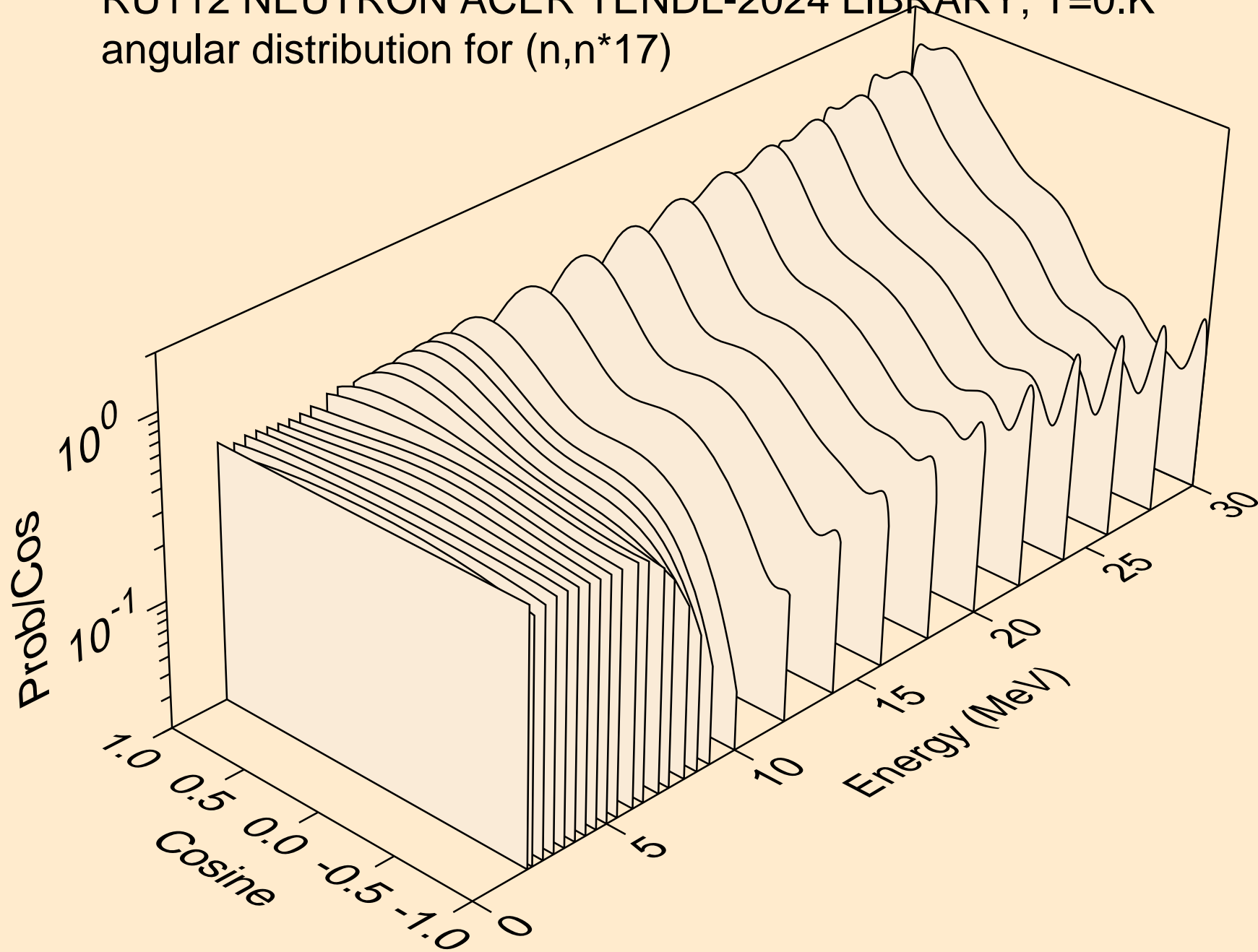
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angular distribution for (n,n\*15)



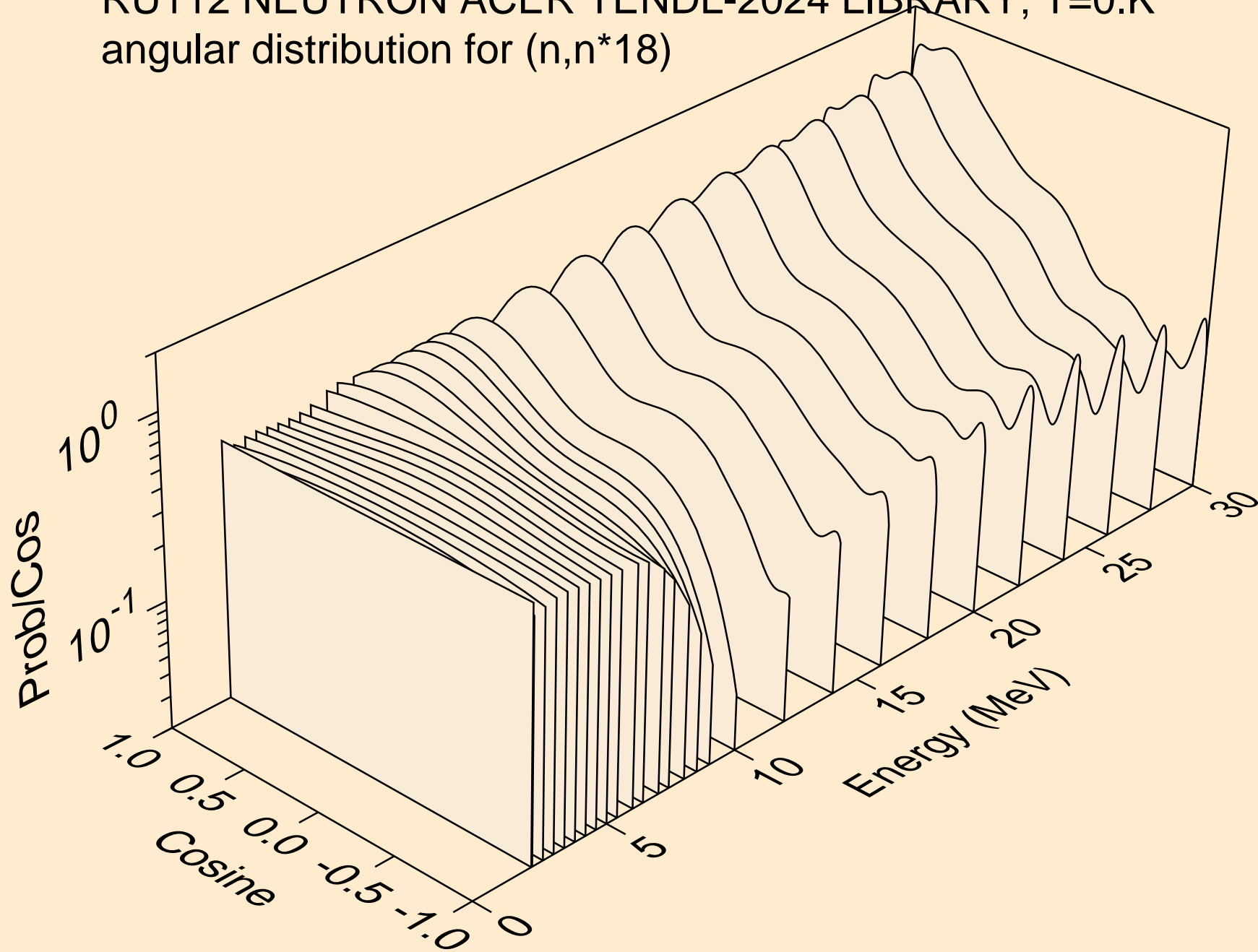
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angular distribution for (n,n\*16)



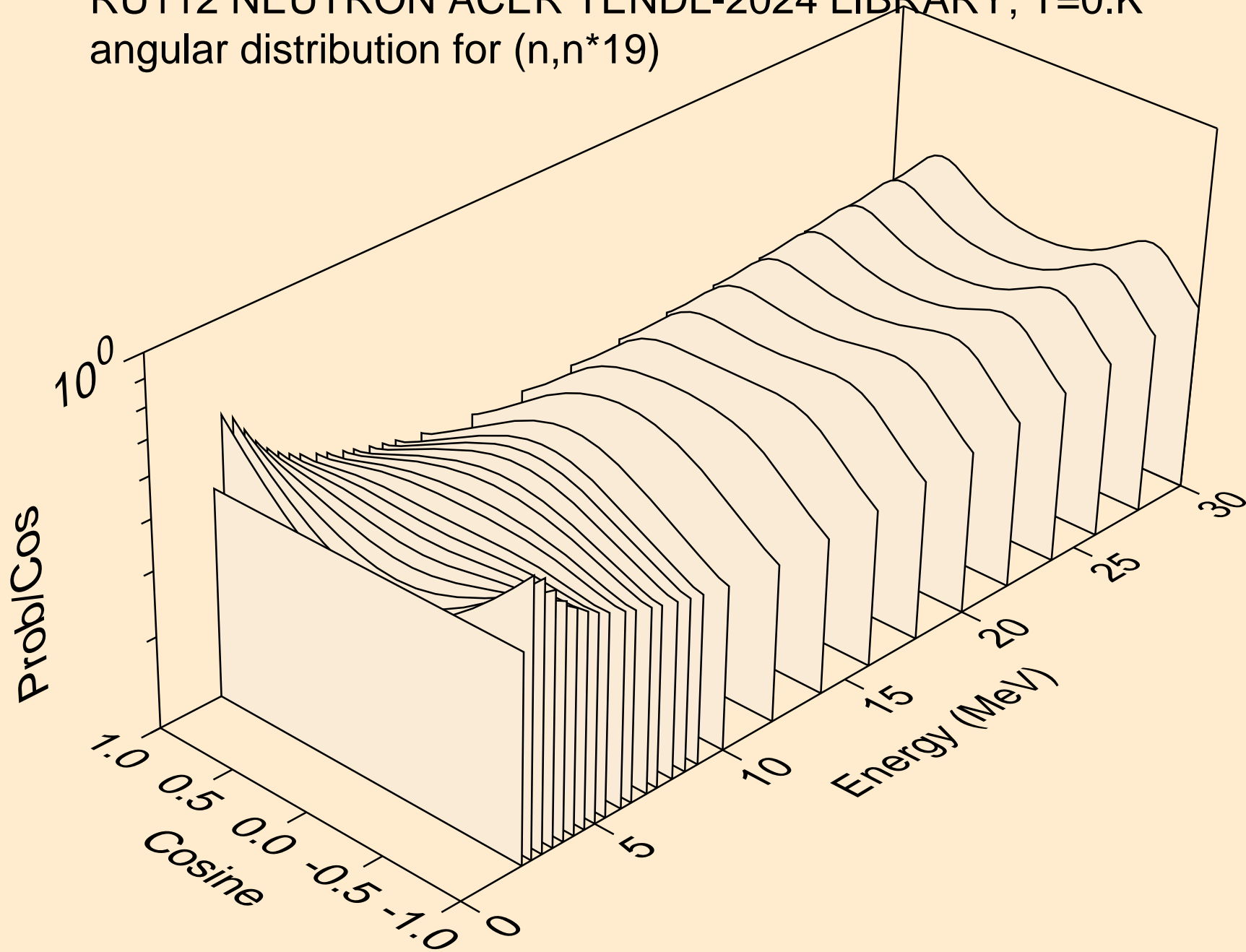
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angular distribution for (n,n\*17)



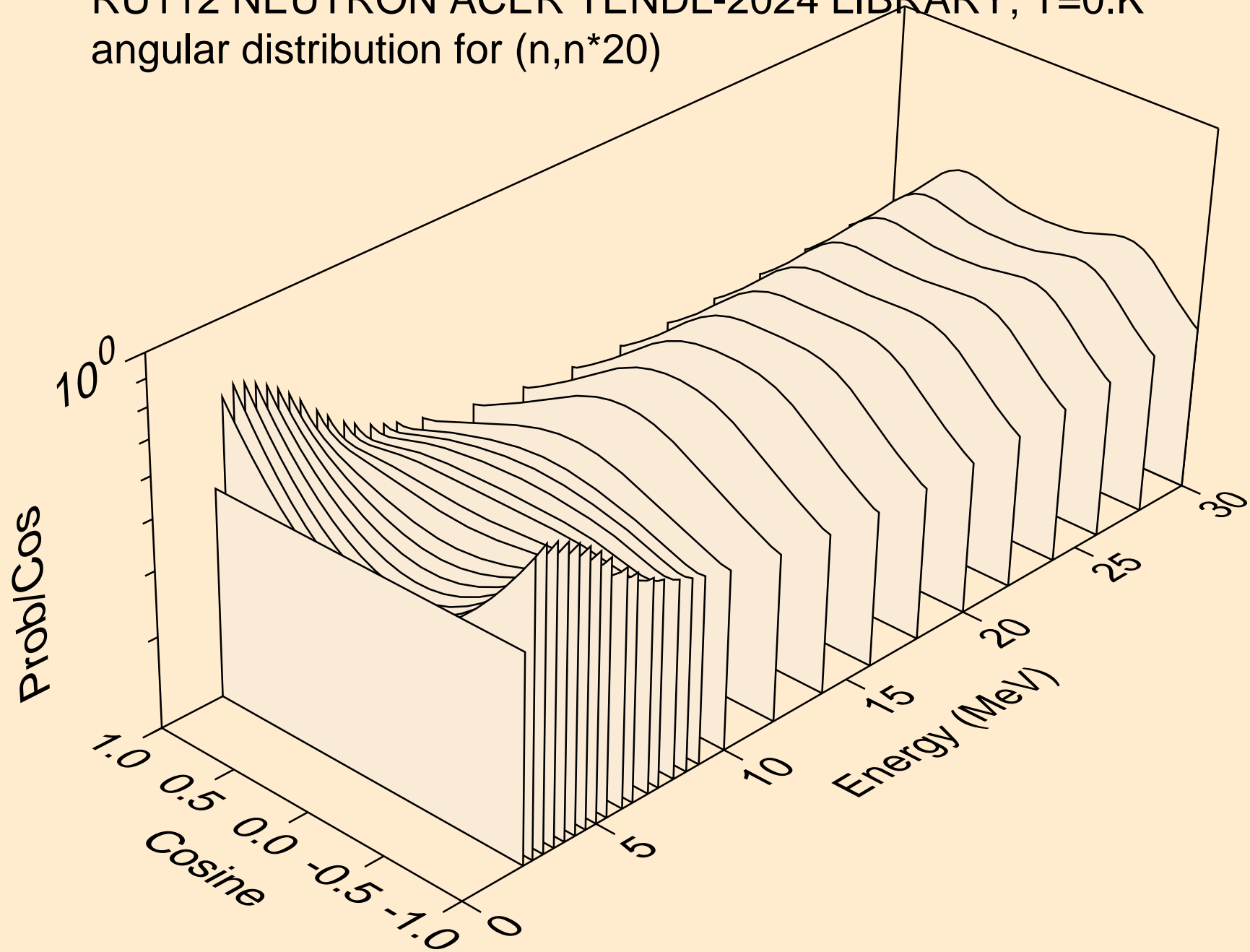
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angular distribution for (n,n\*18)



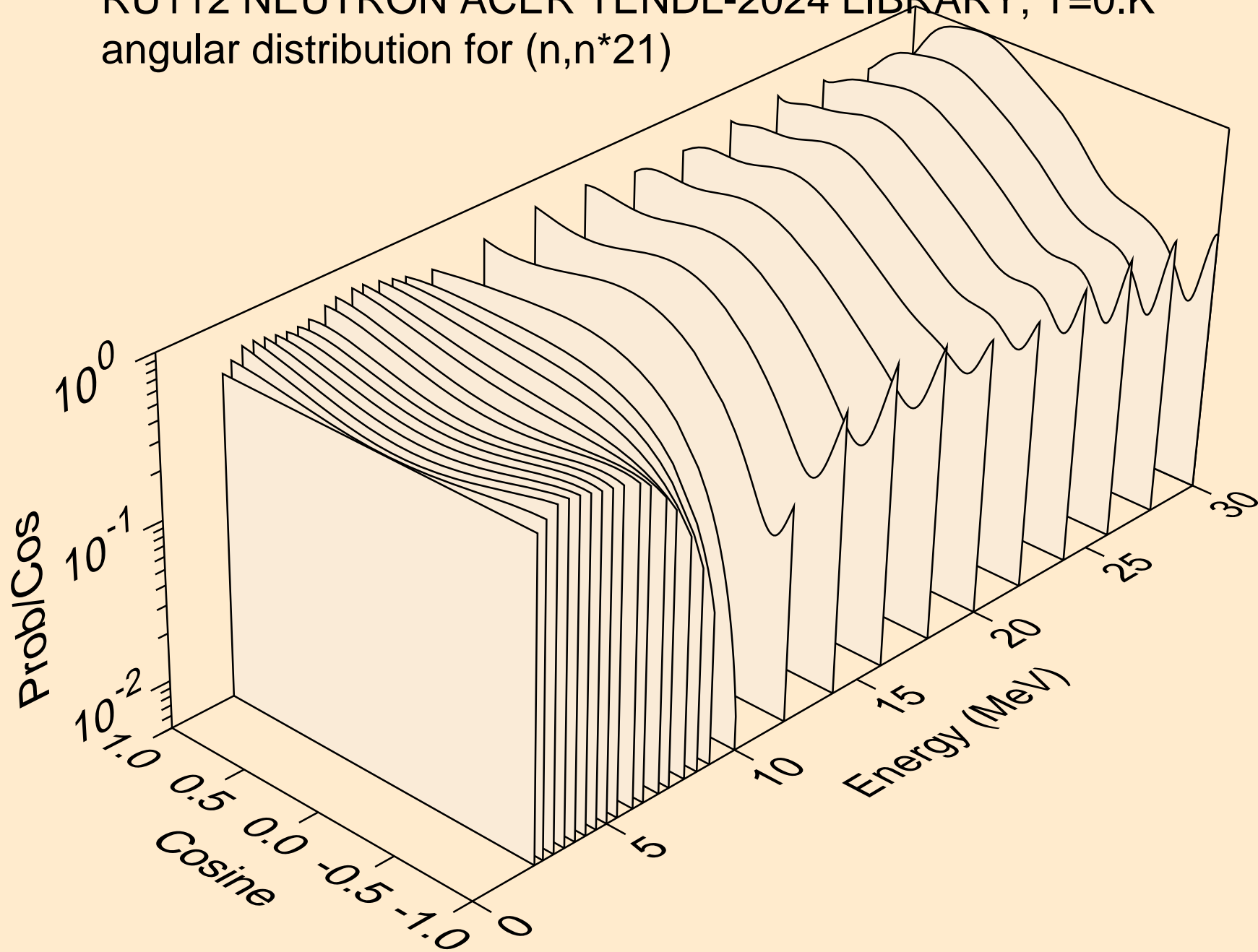
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angular distribution for (n,n\*19)



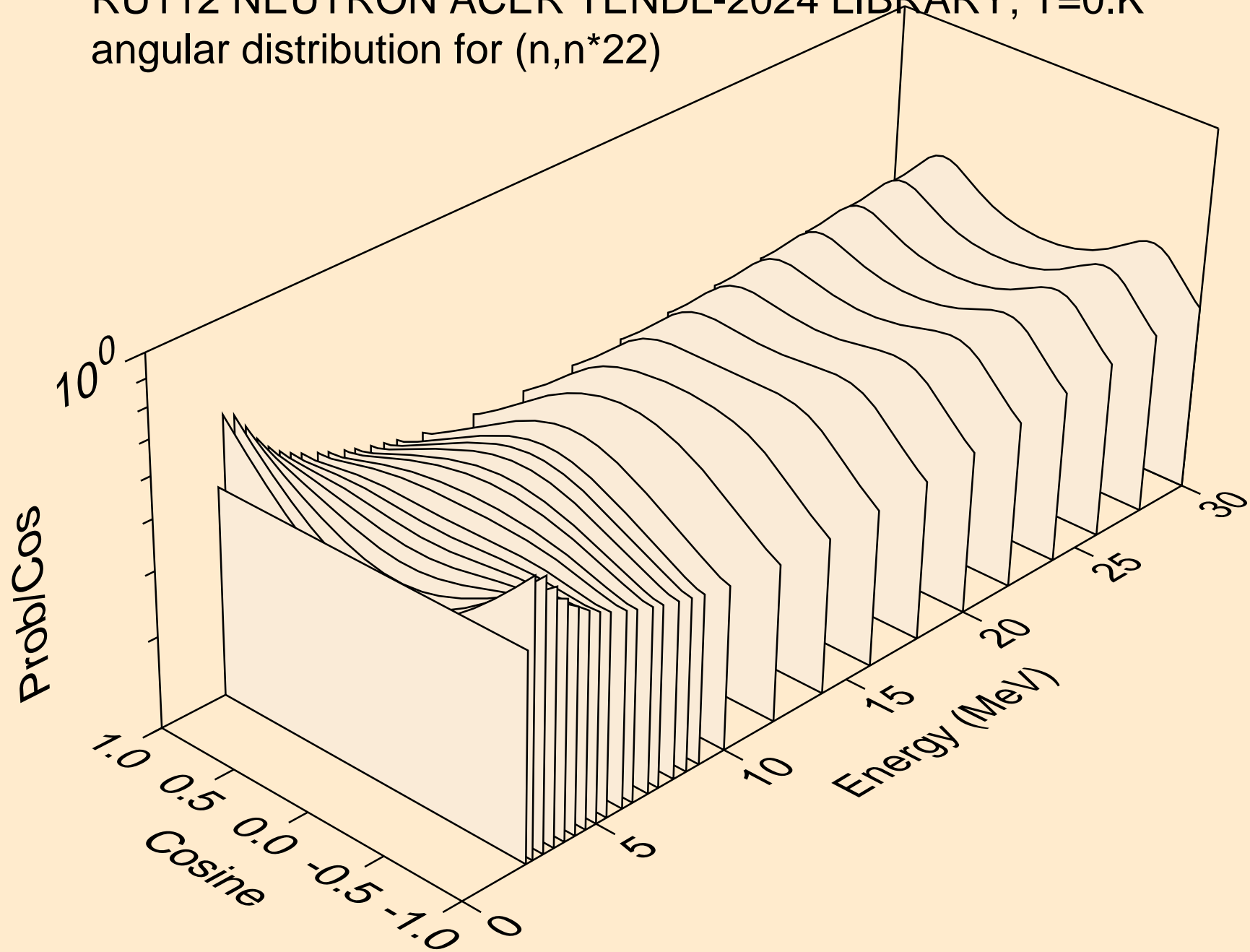
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

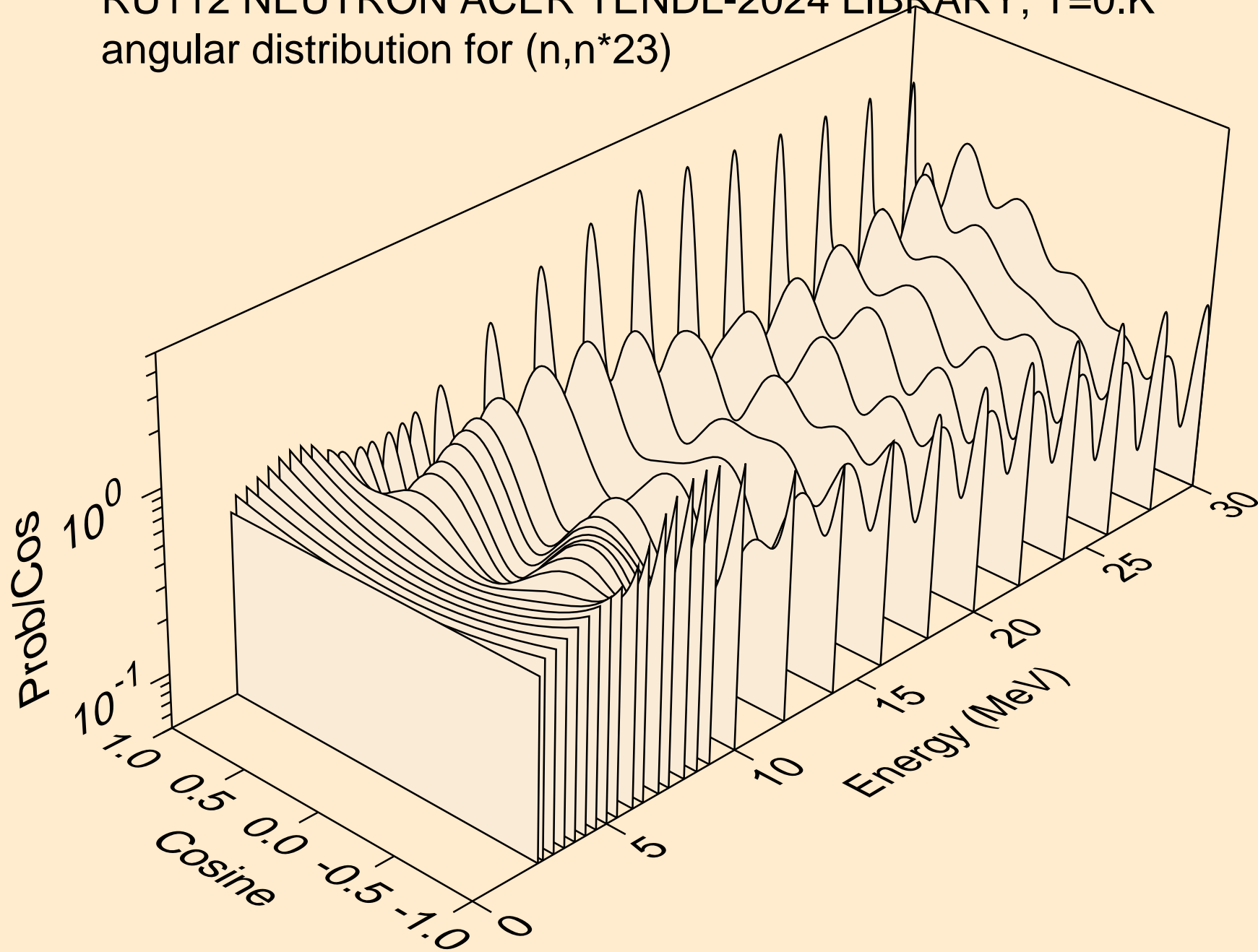


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

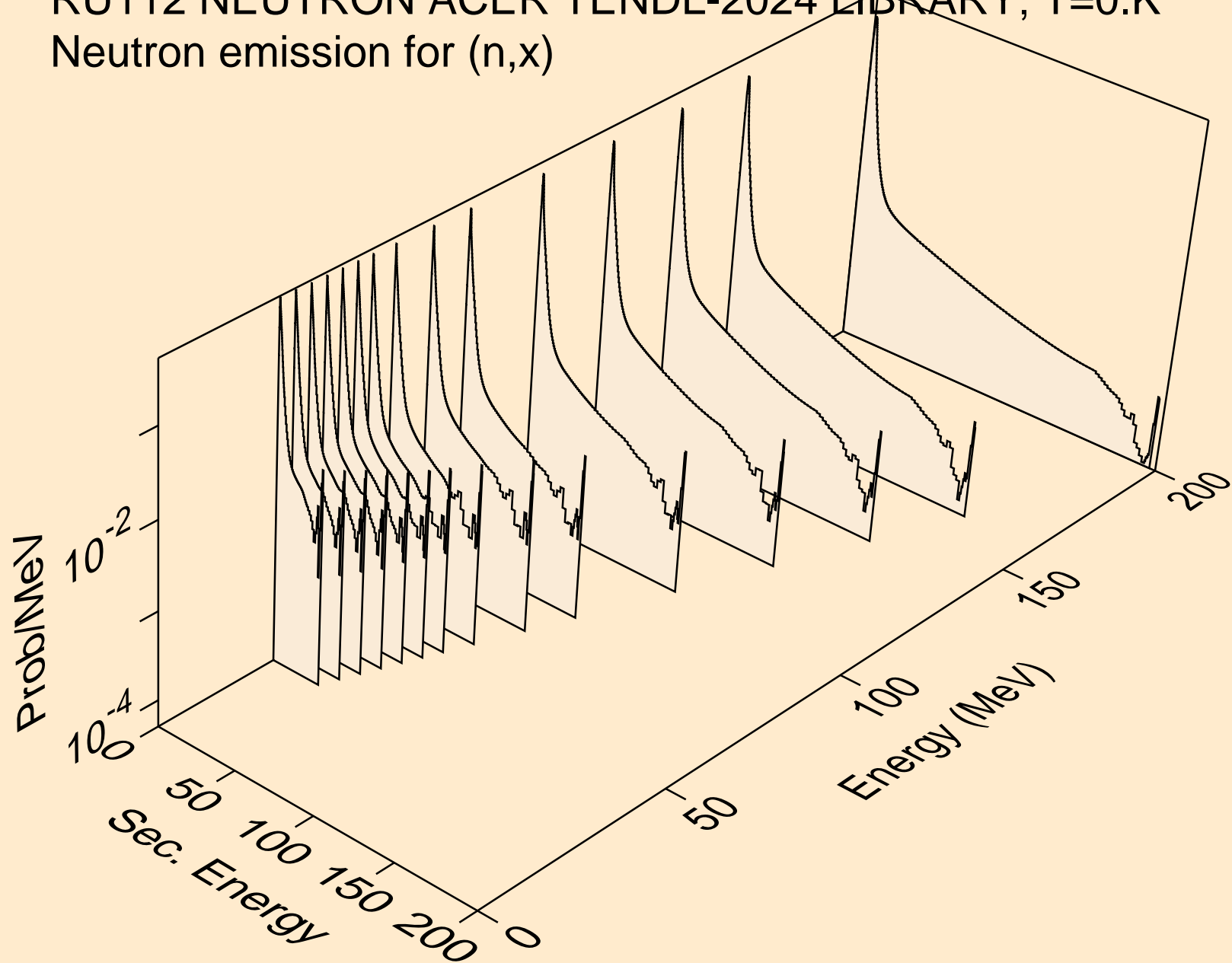




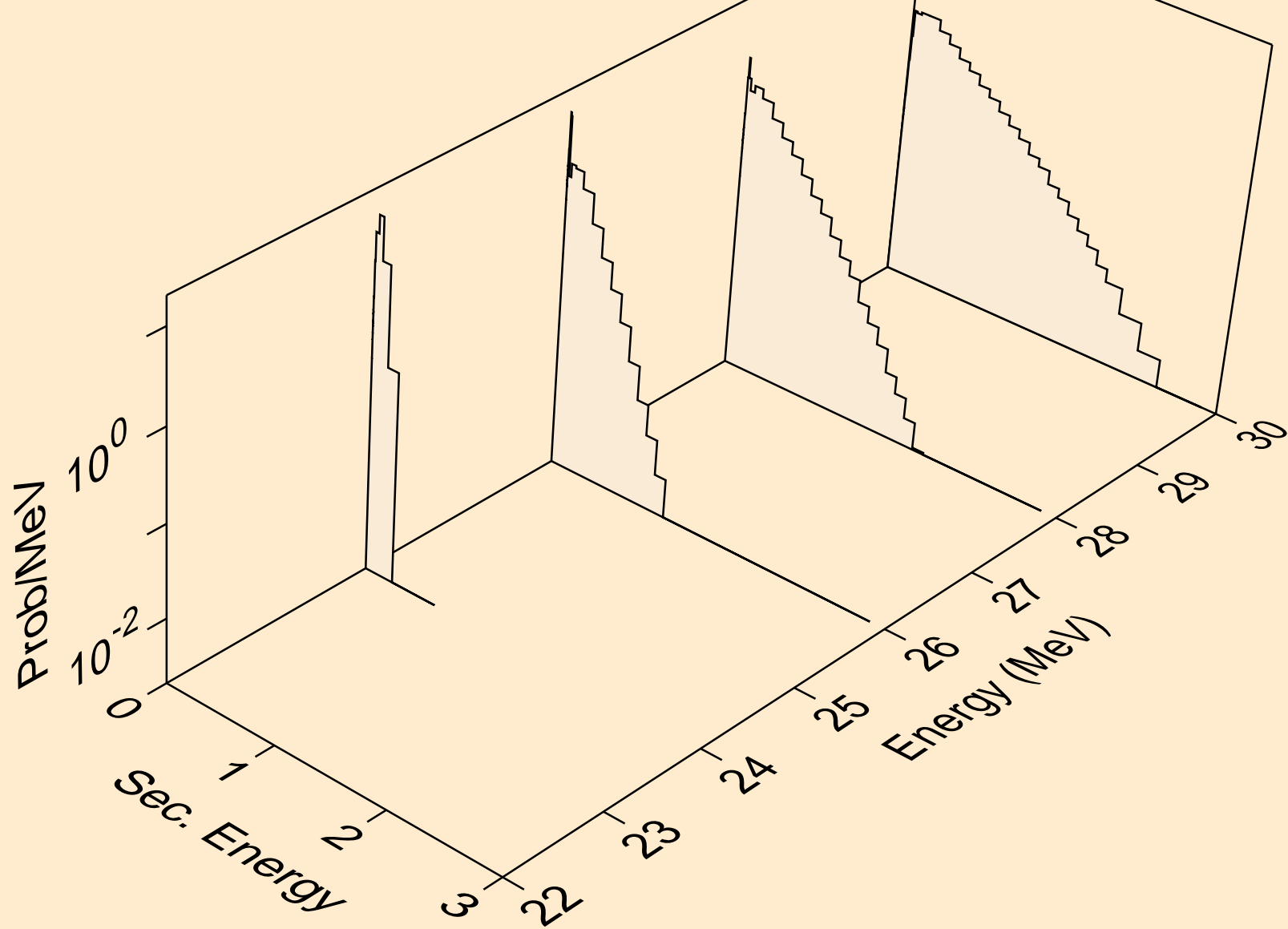
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angular distribution for (n,n\*23)



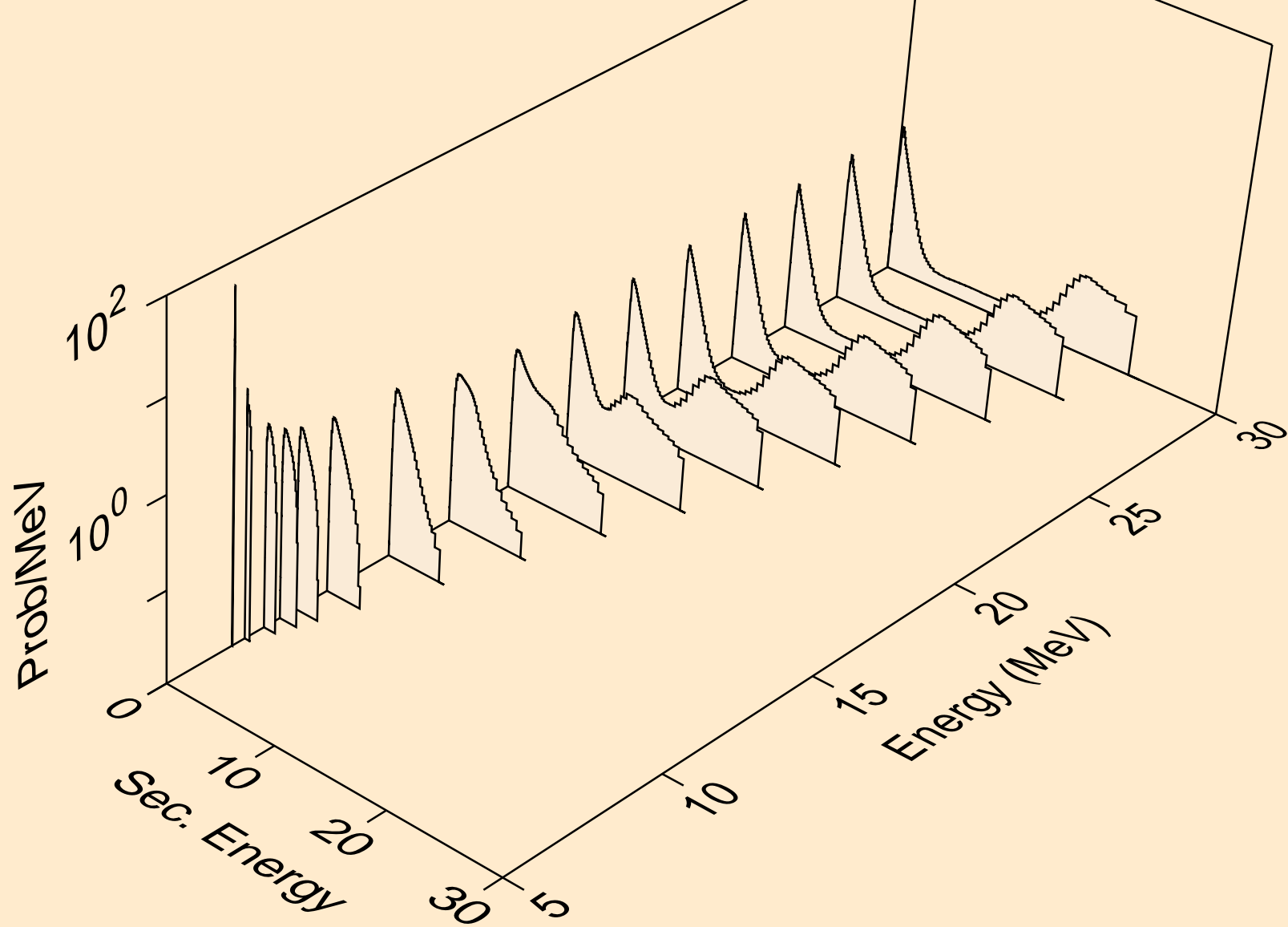
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



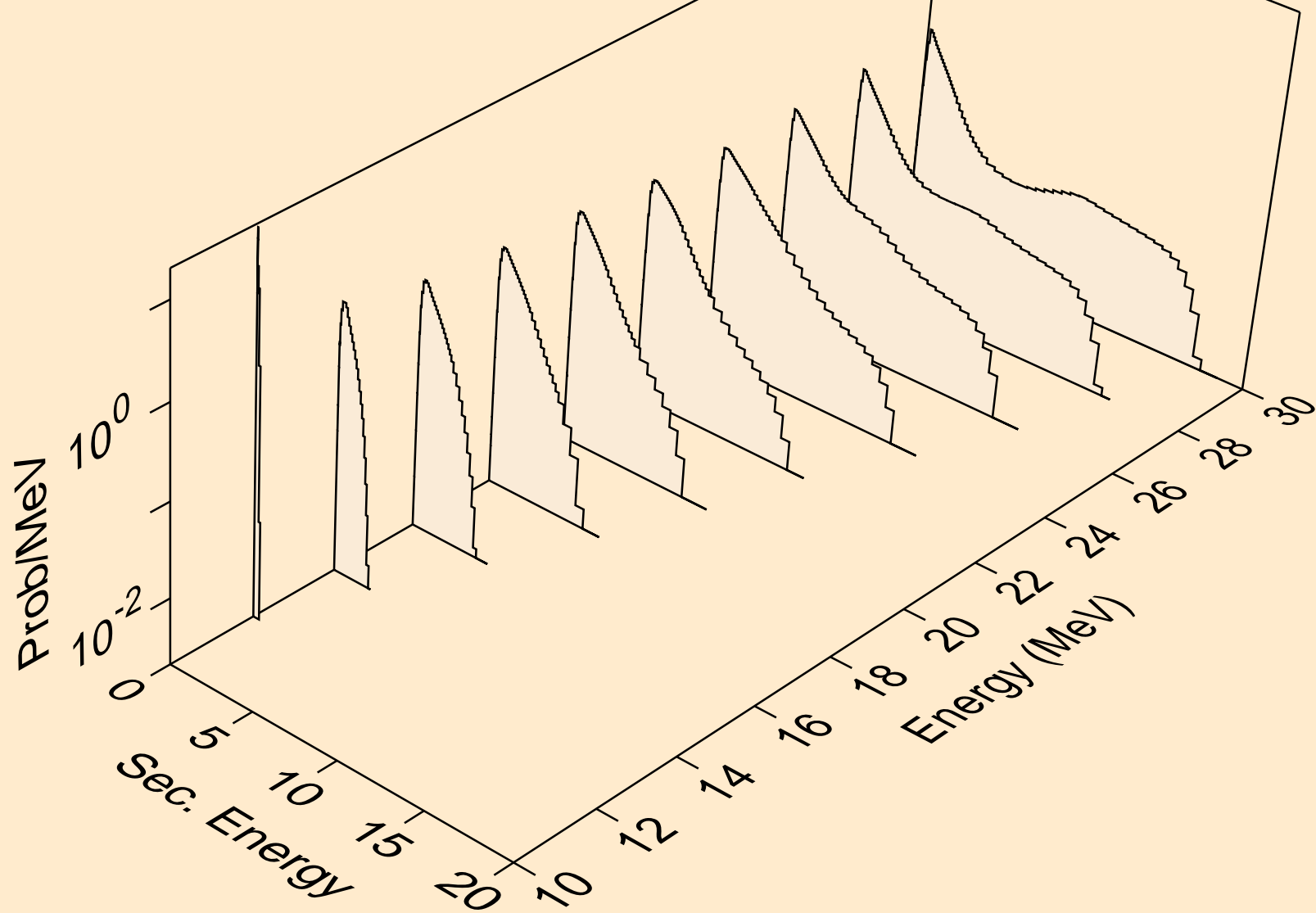
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



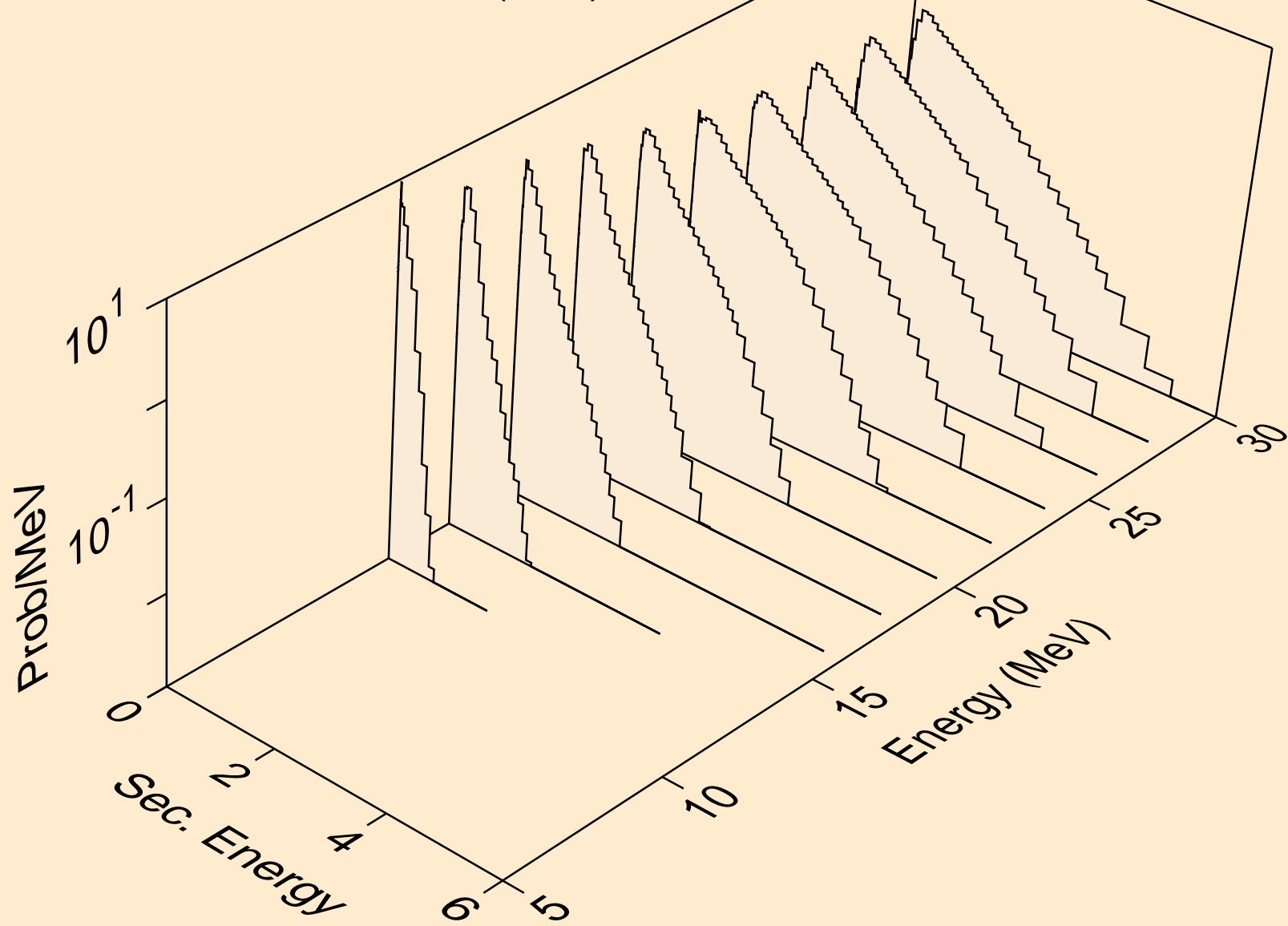
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Neutron emission for (n,2n)



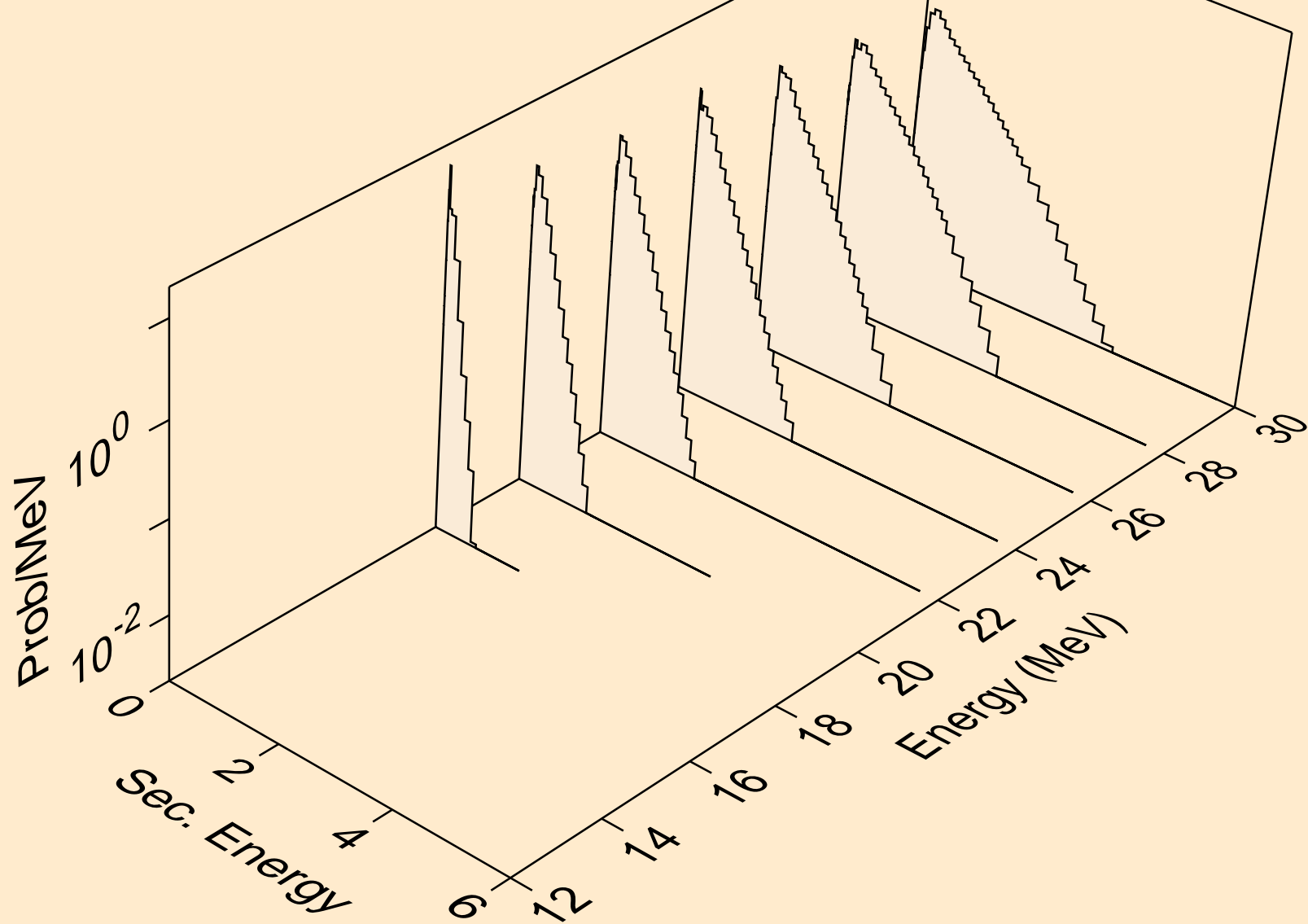
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



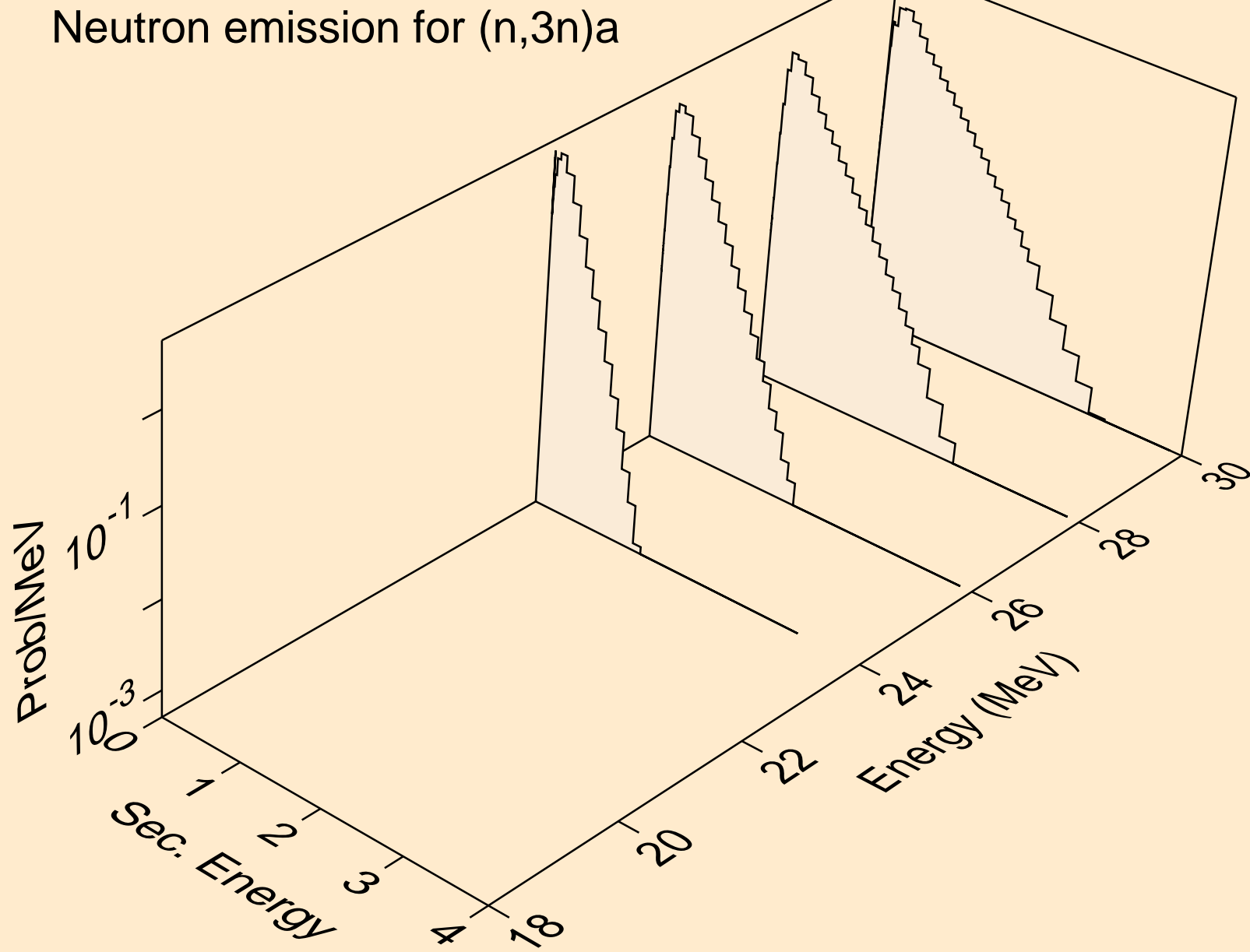
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

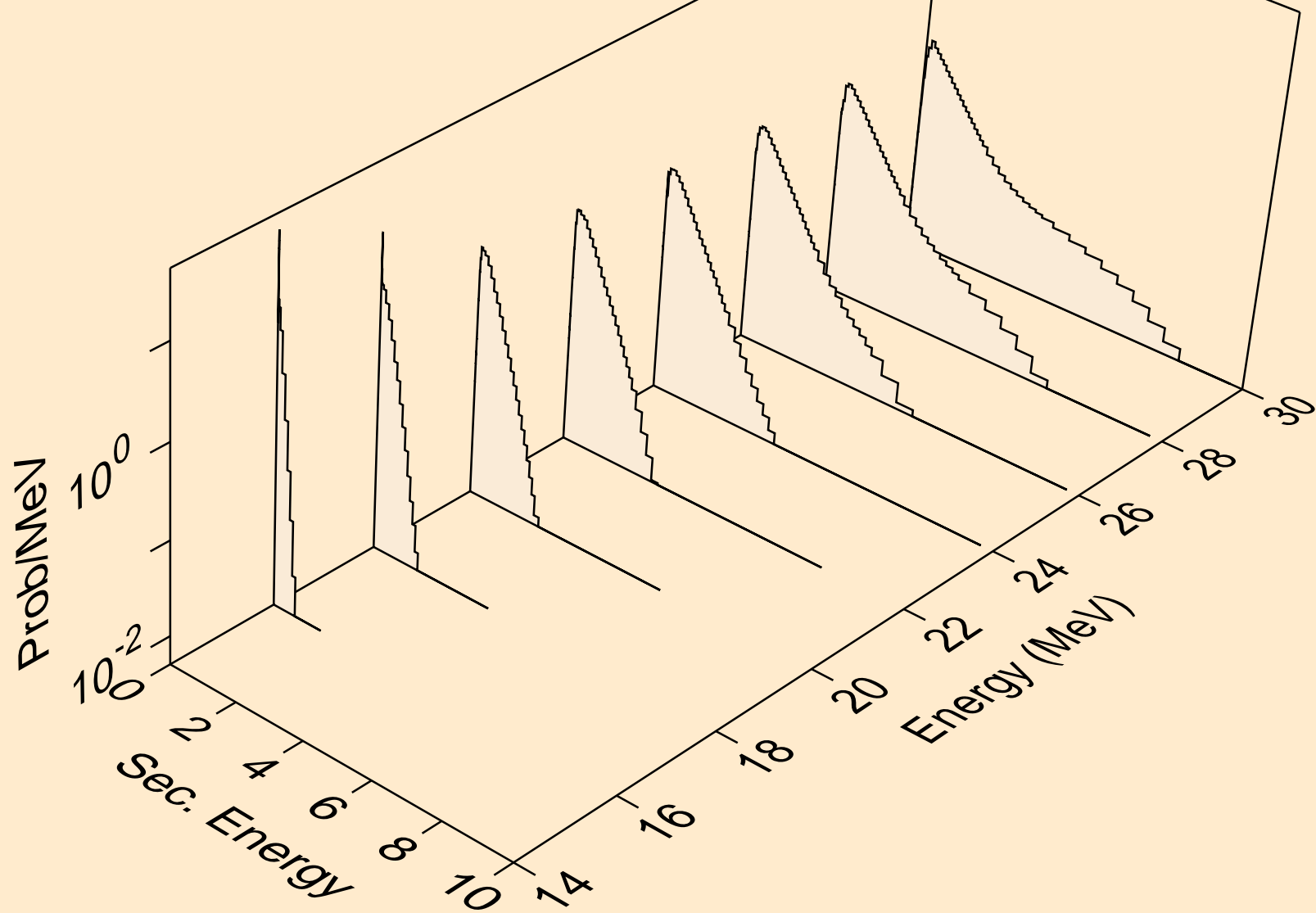


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

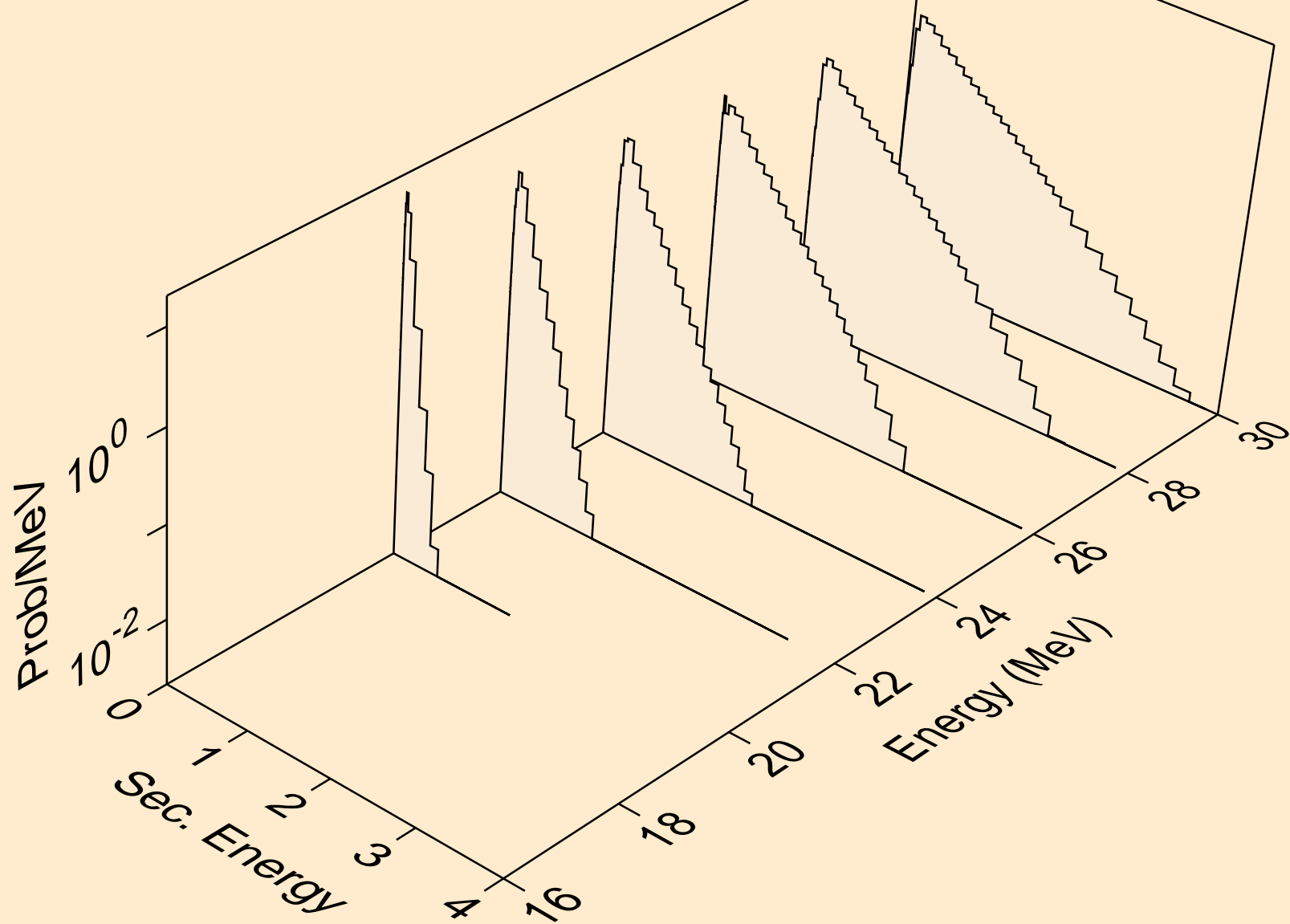




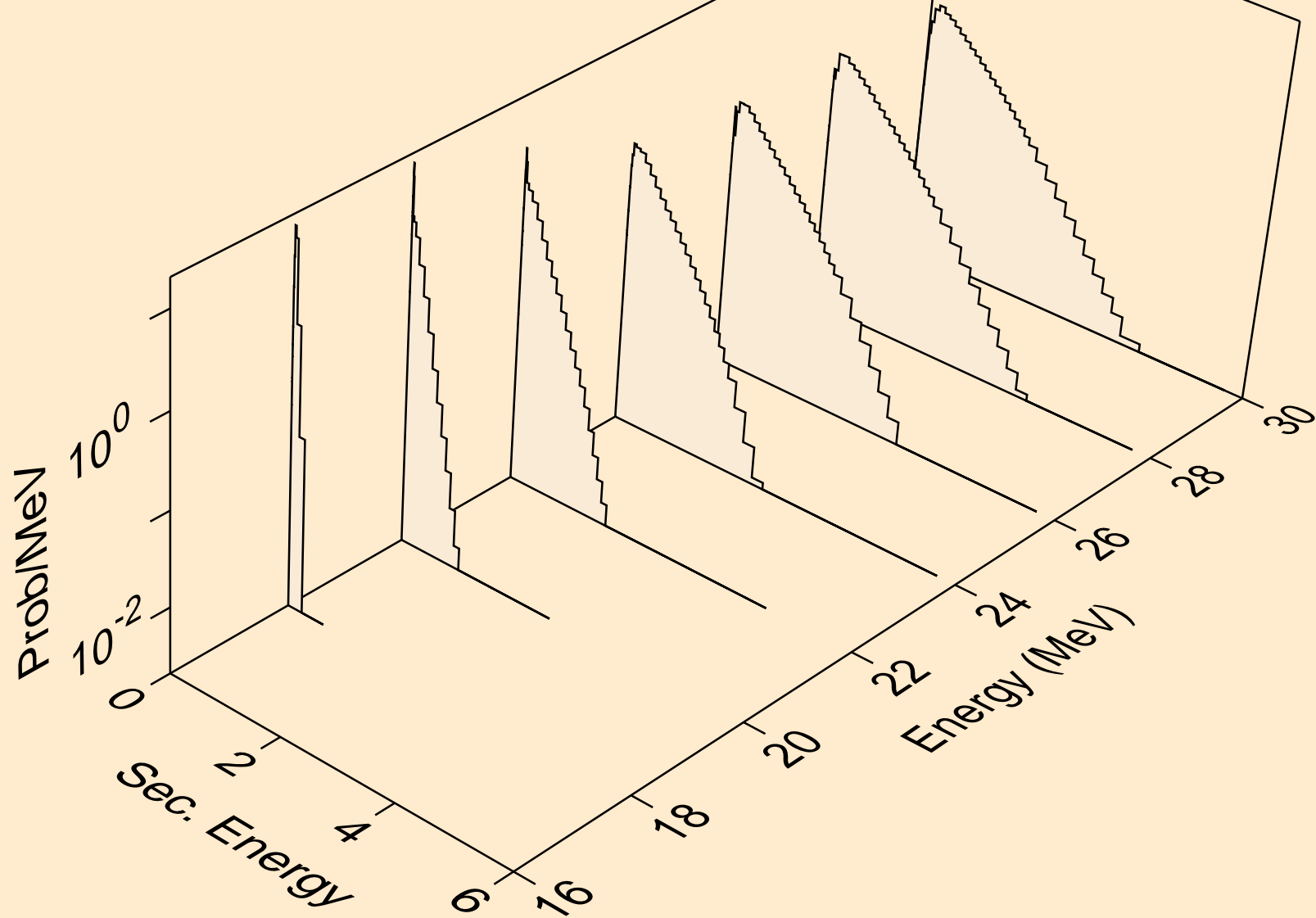
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Neutron emission for (n,n\*)p



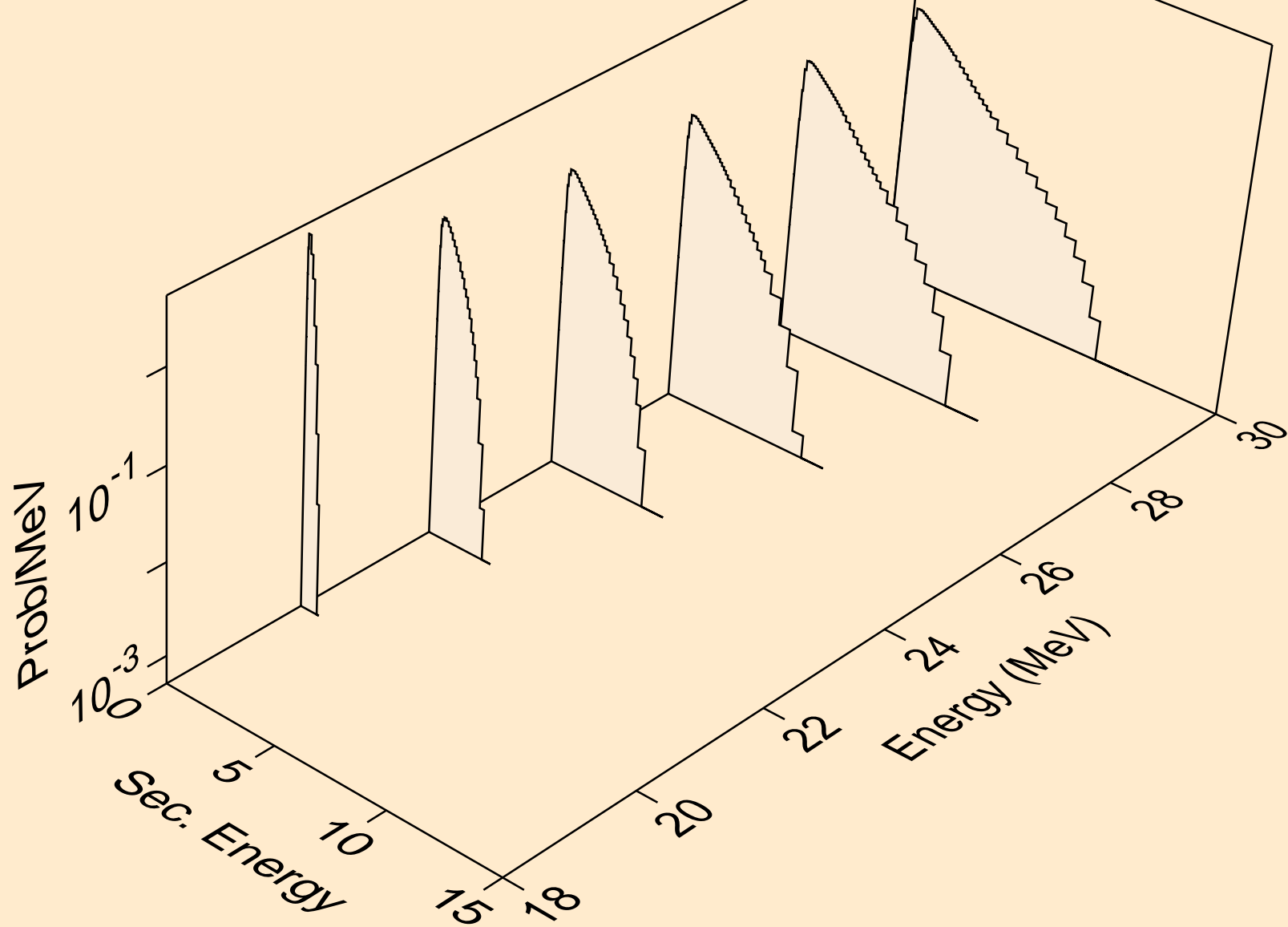
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Neutron emission for (n,n\*)d



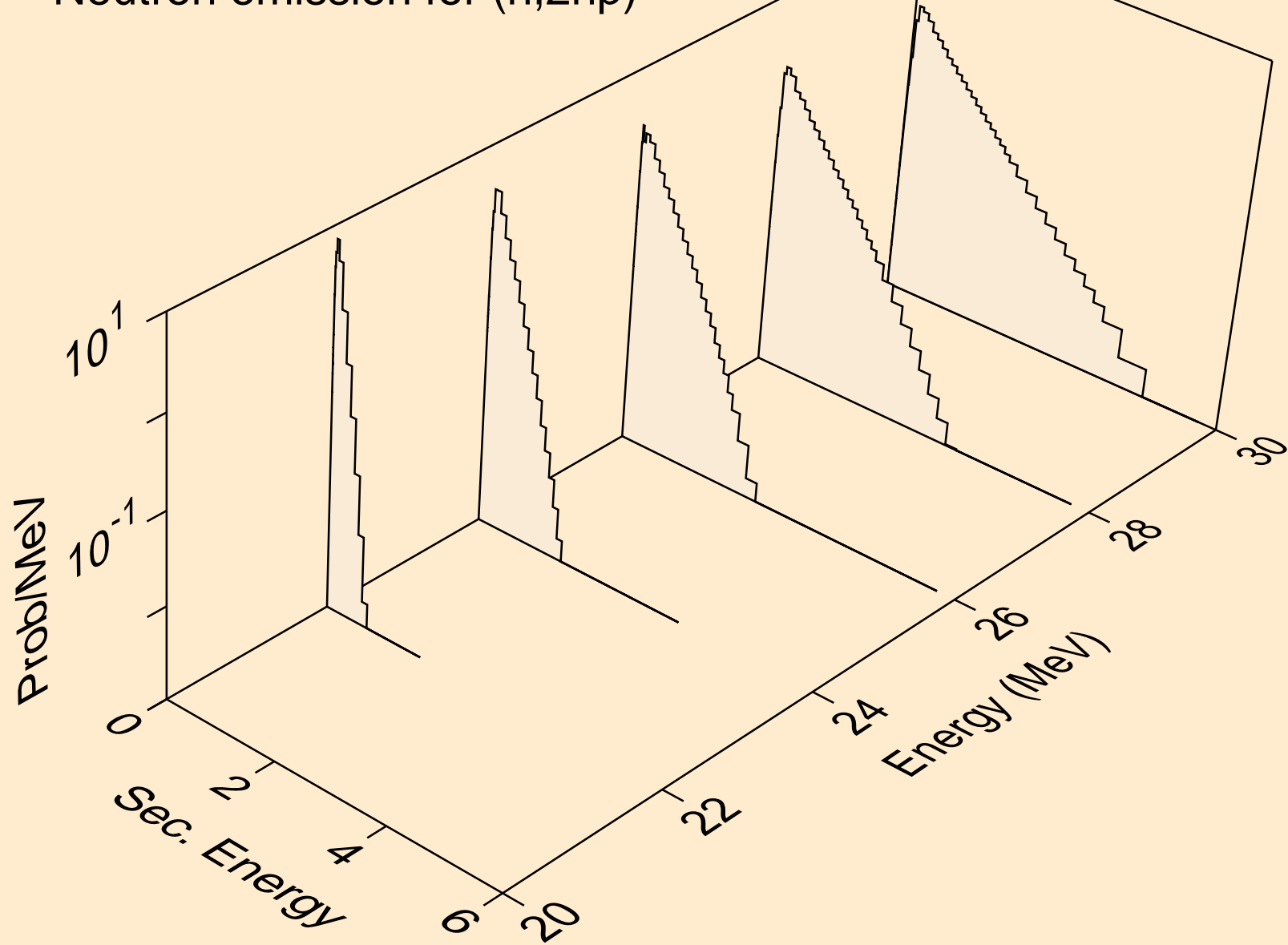
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Neutron emission for (n,n\*)t



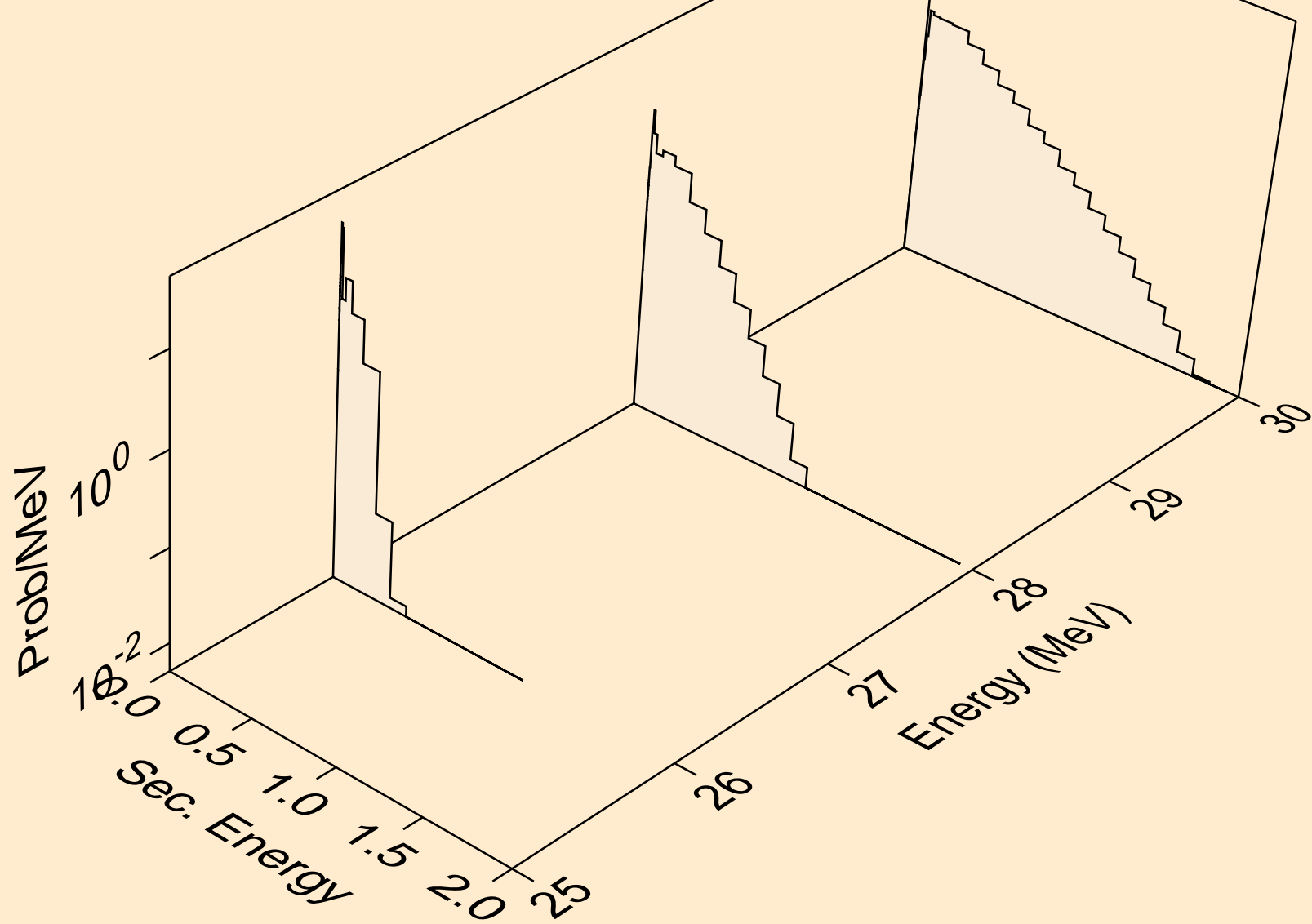
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



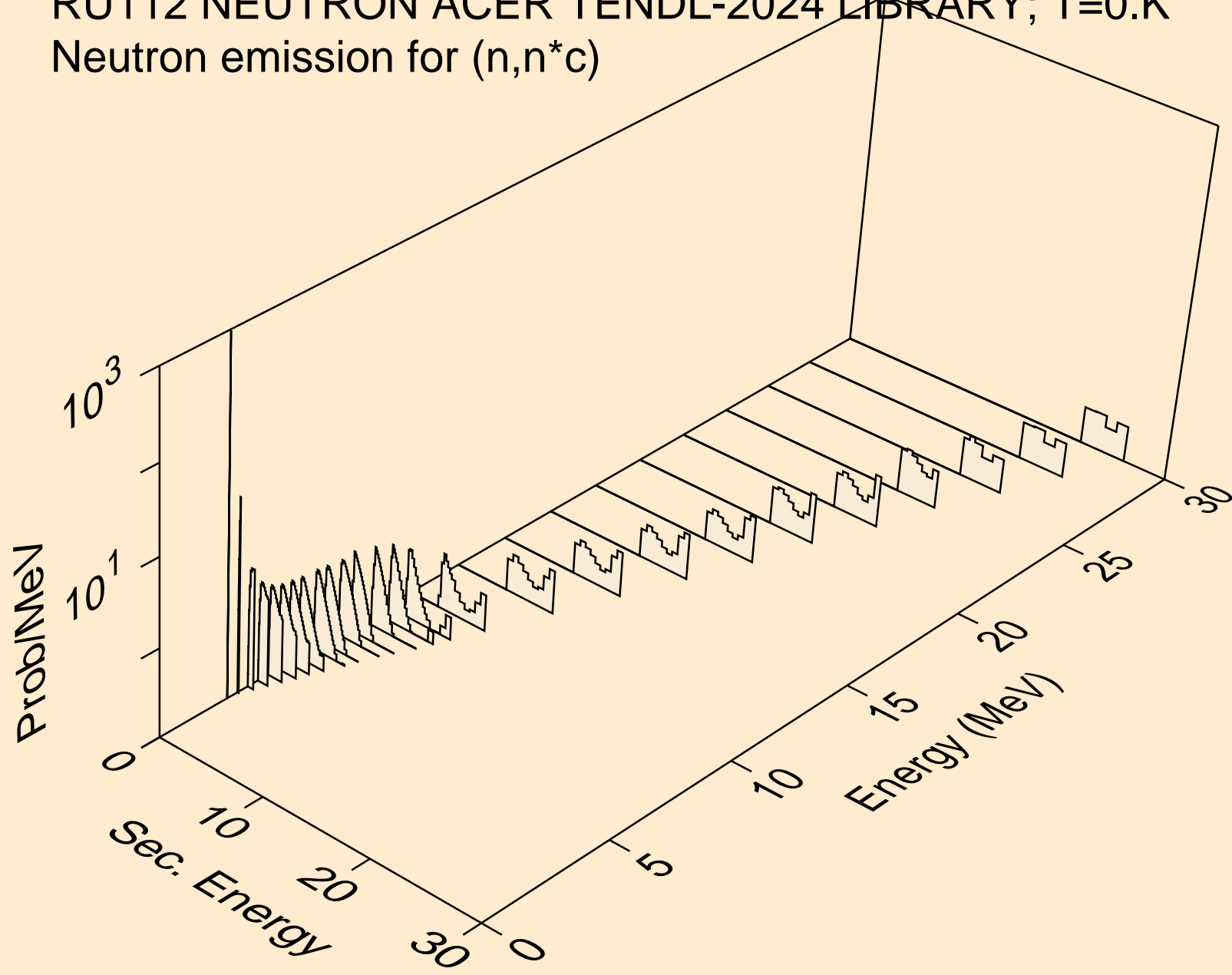
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



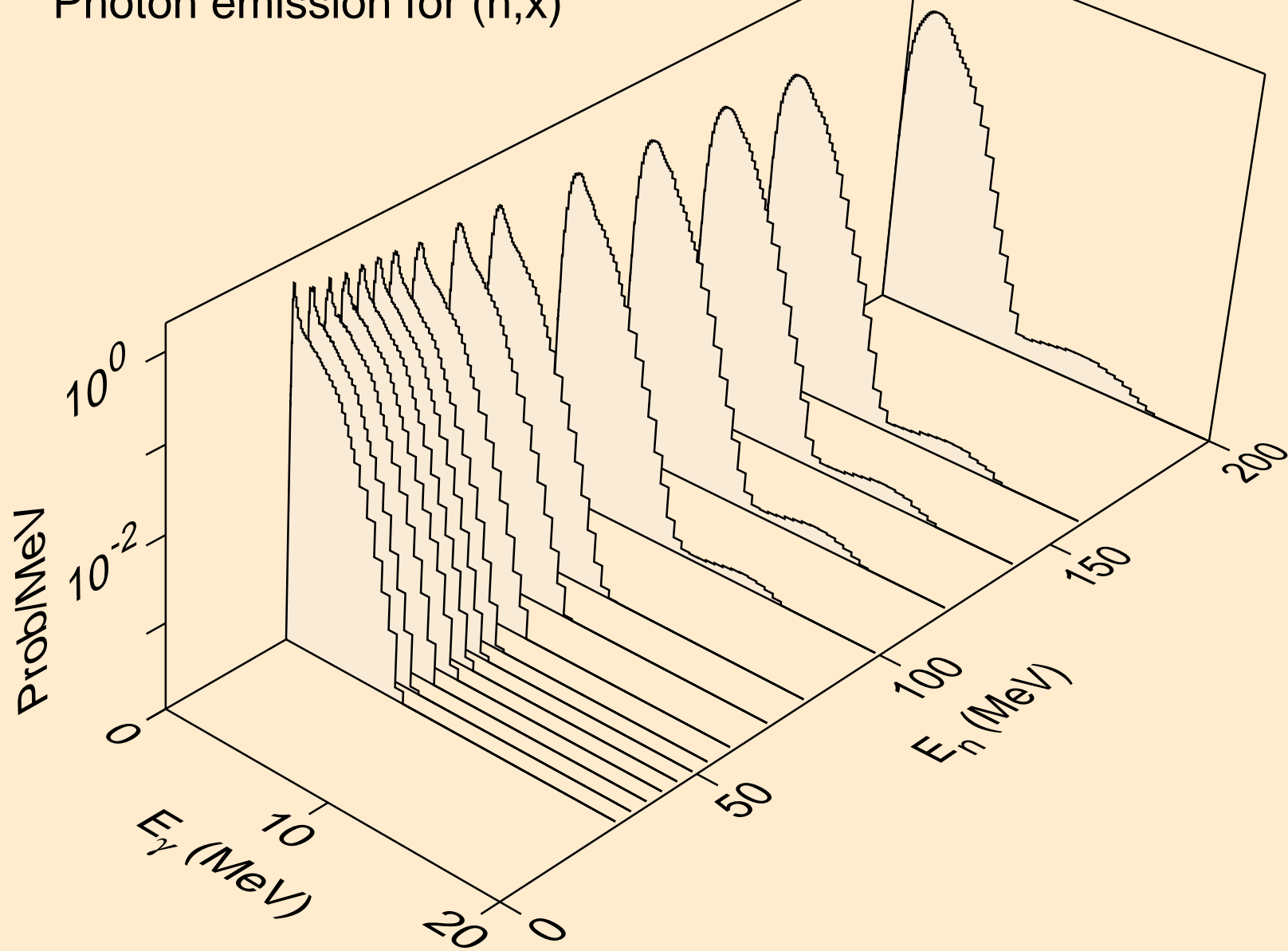
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

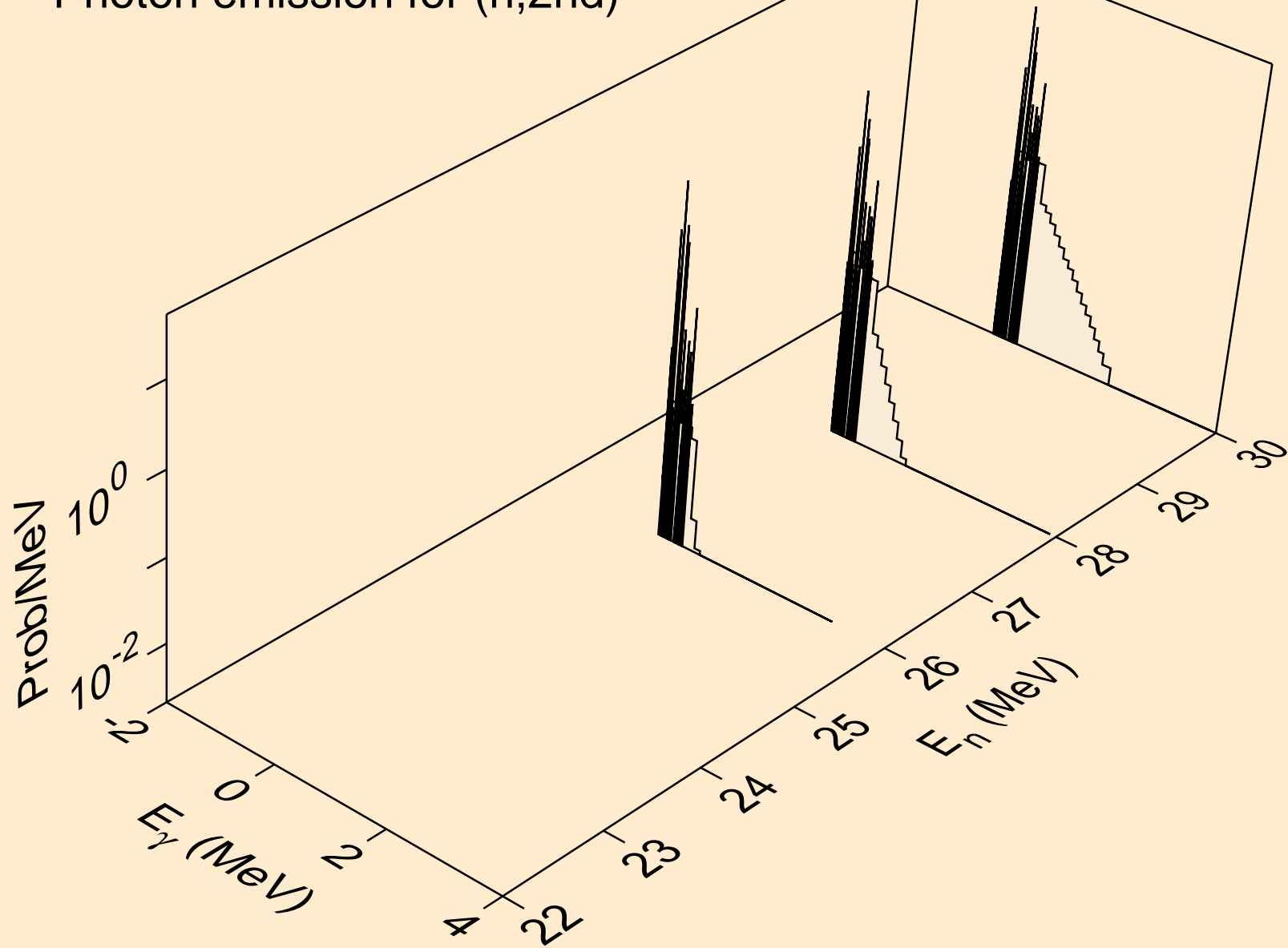


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

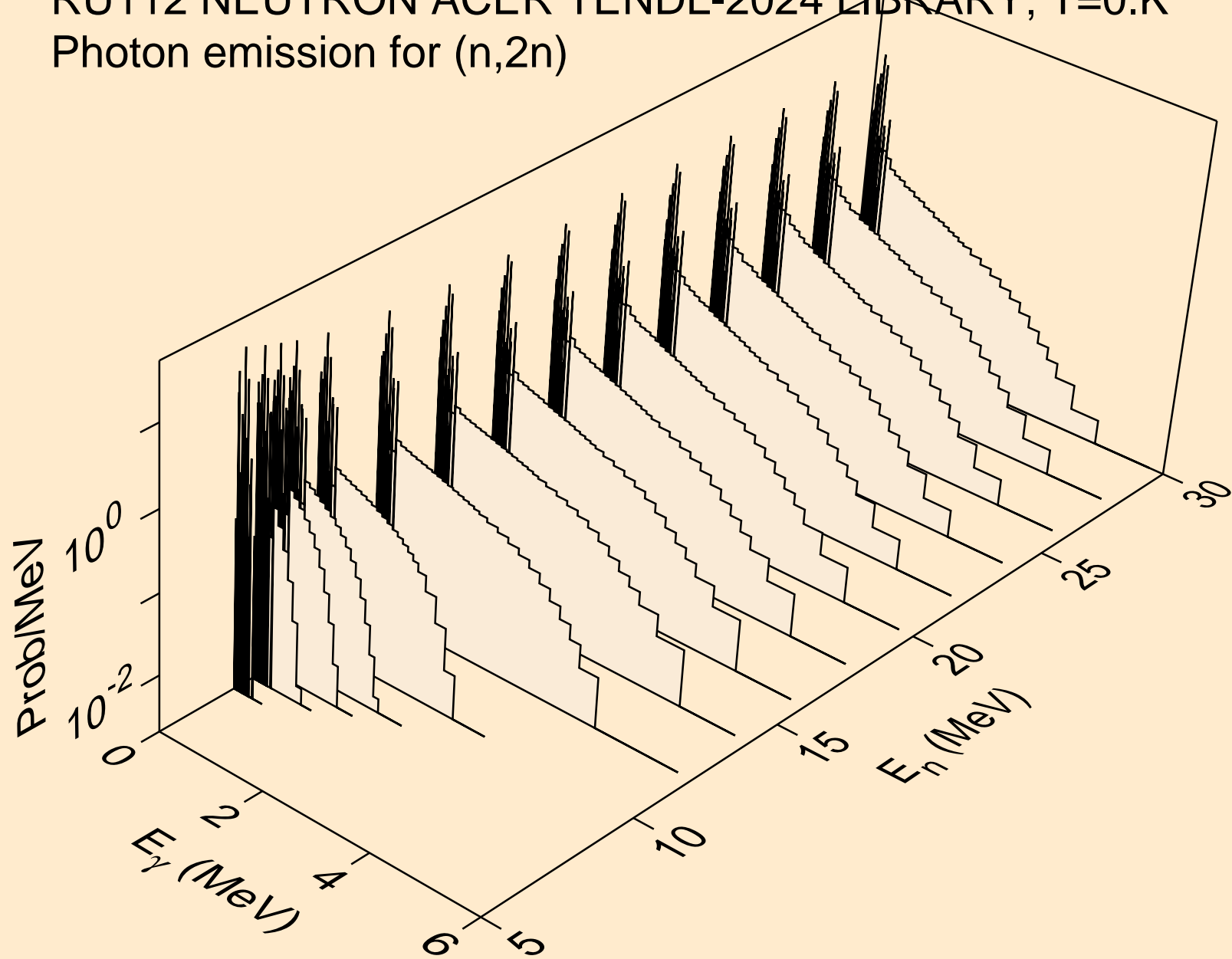




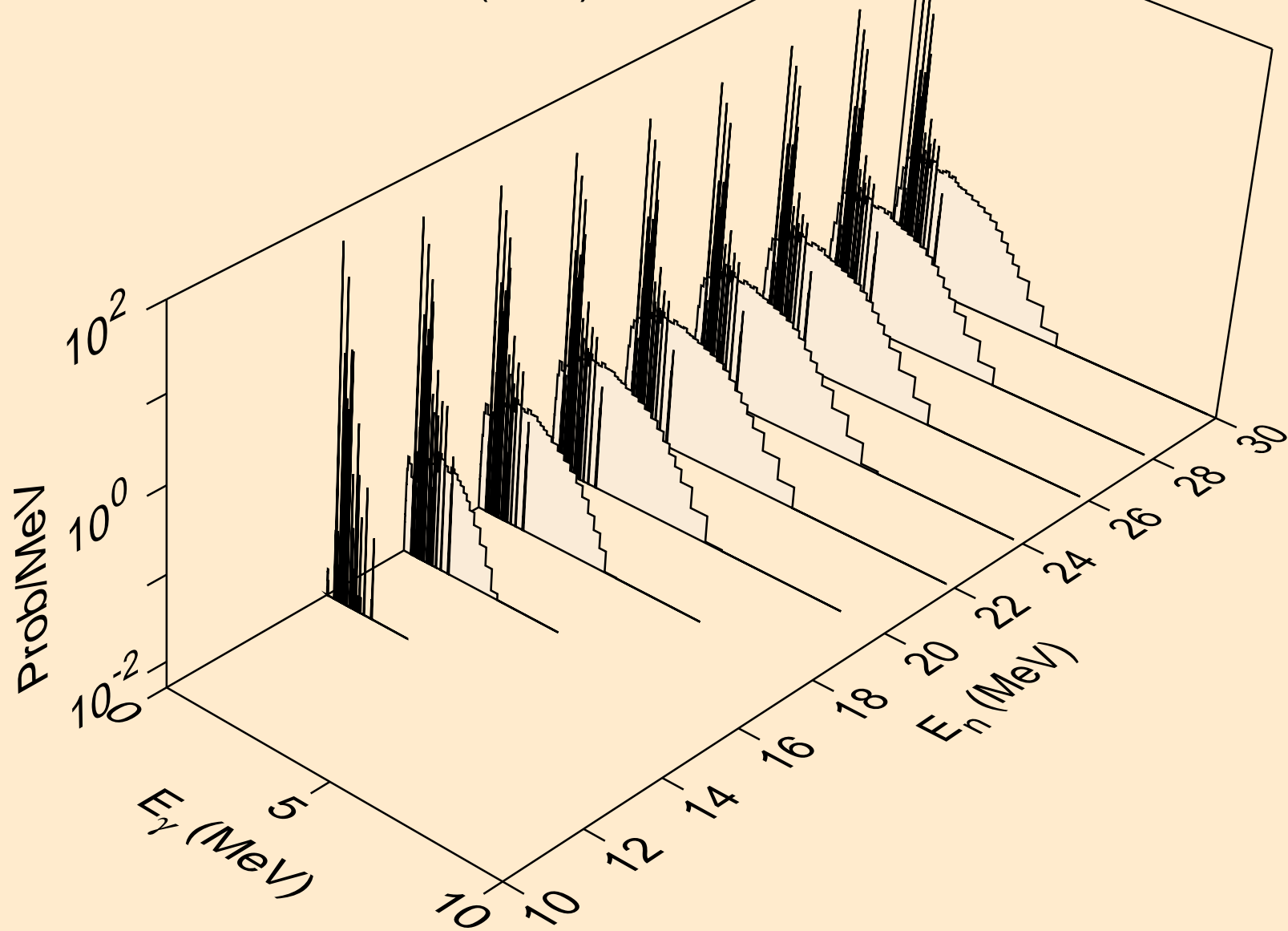
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



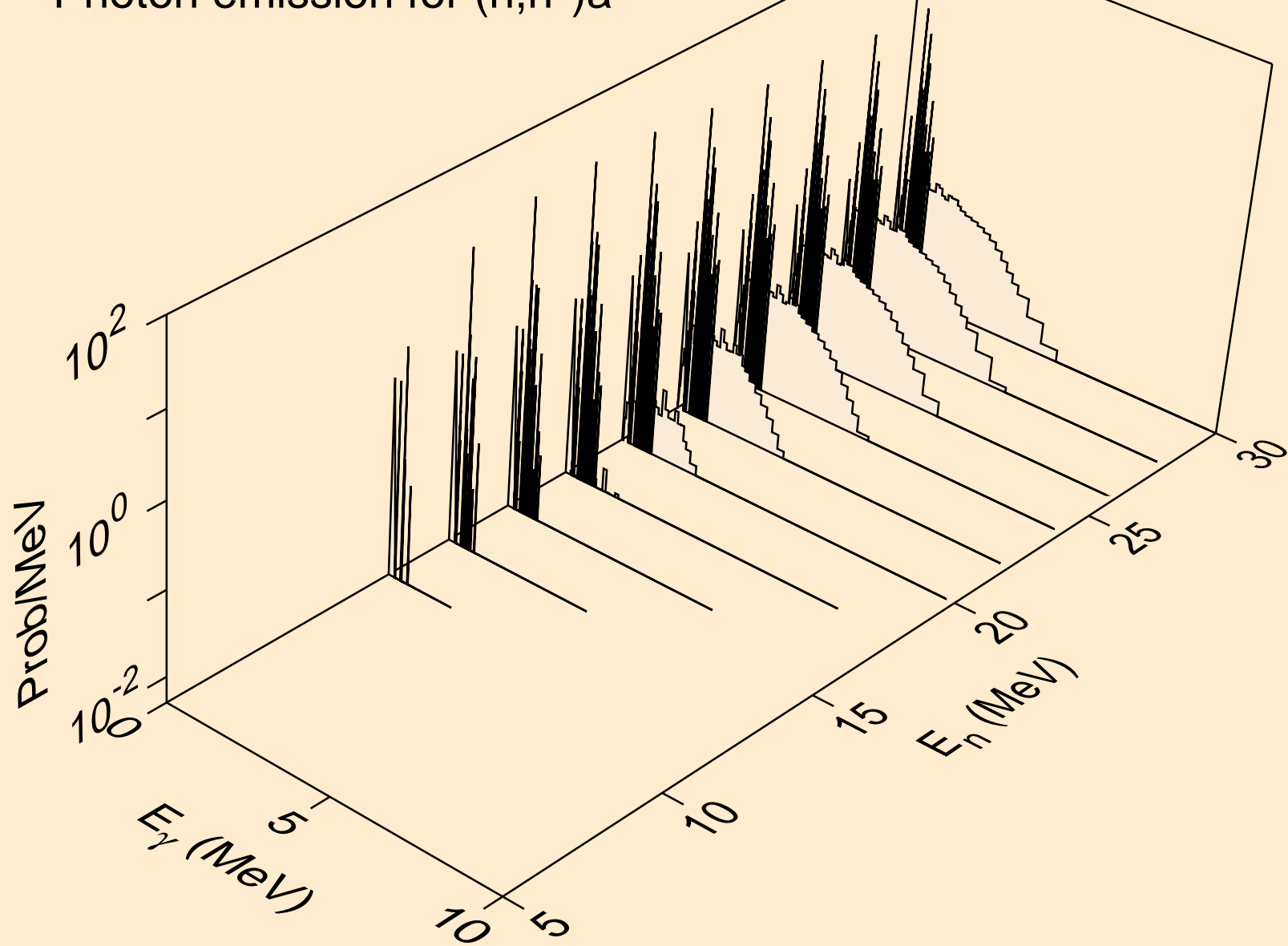
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Photon emission for (n,2n)



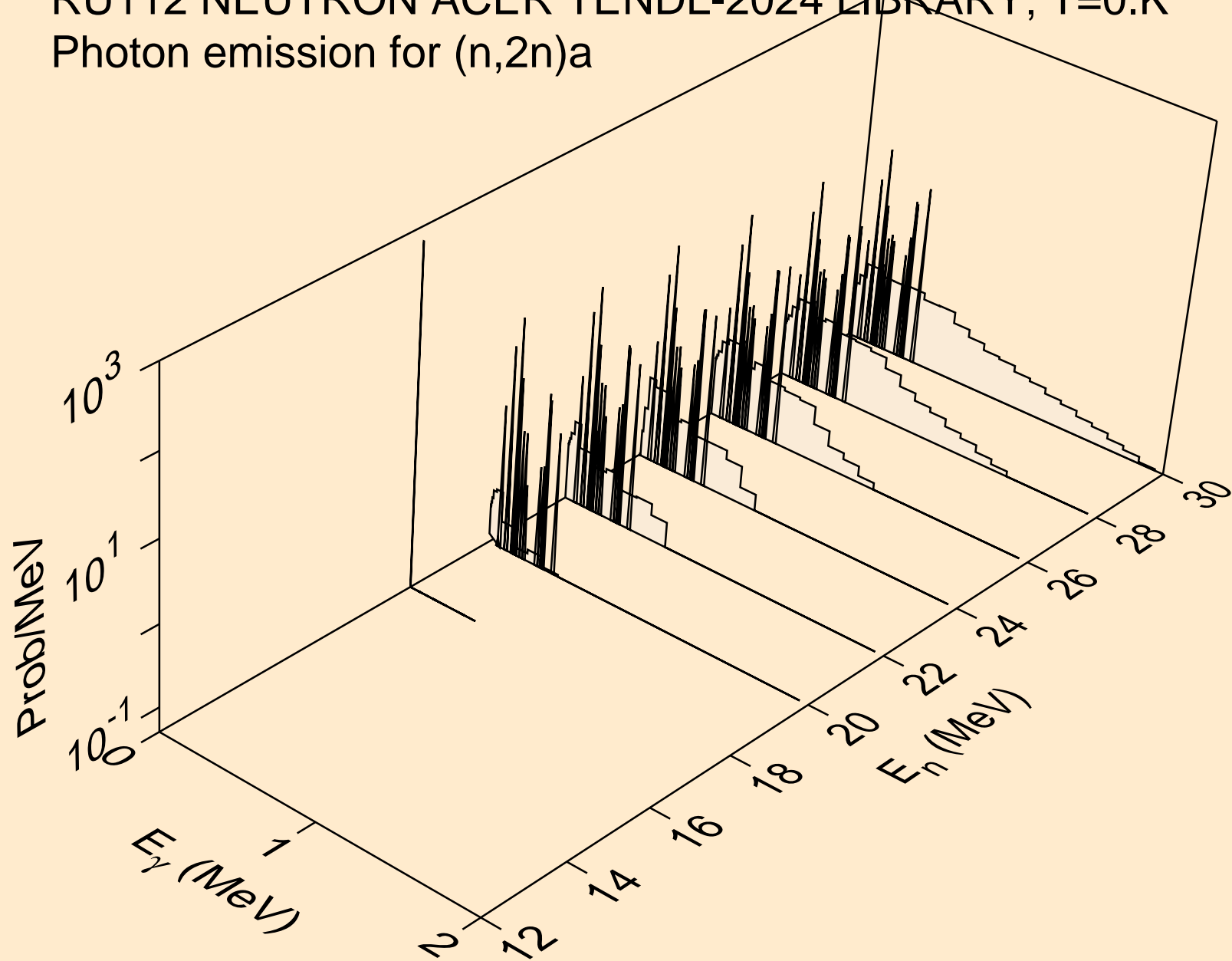
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



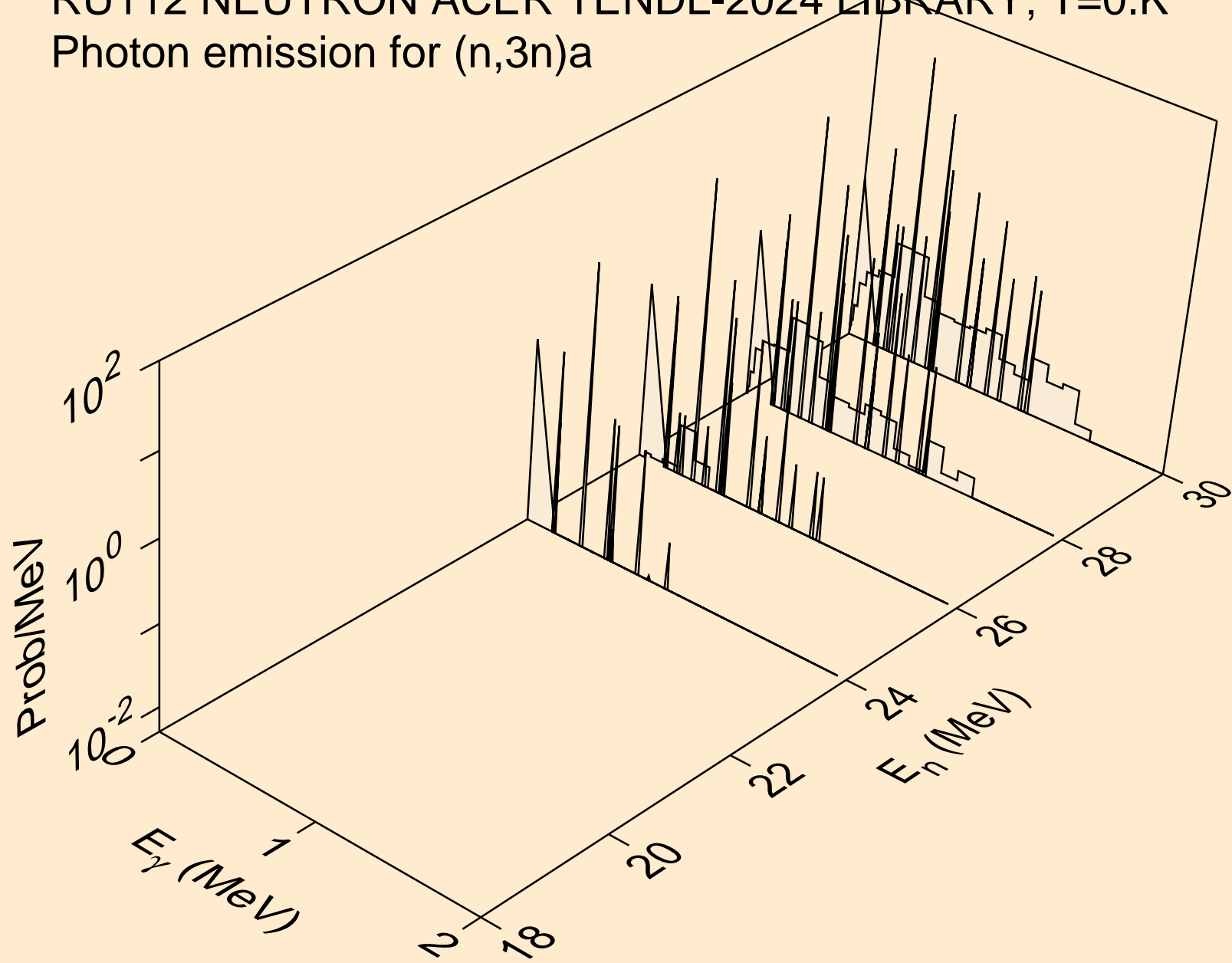
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



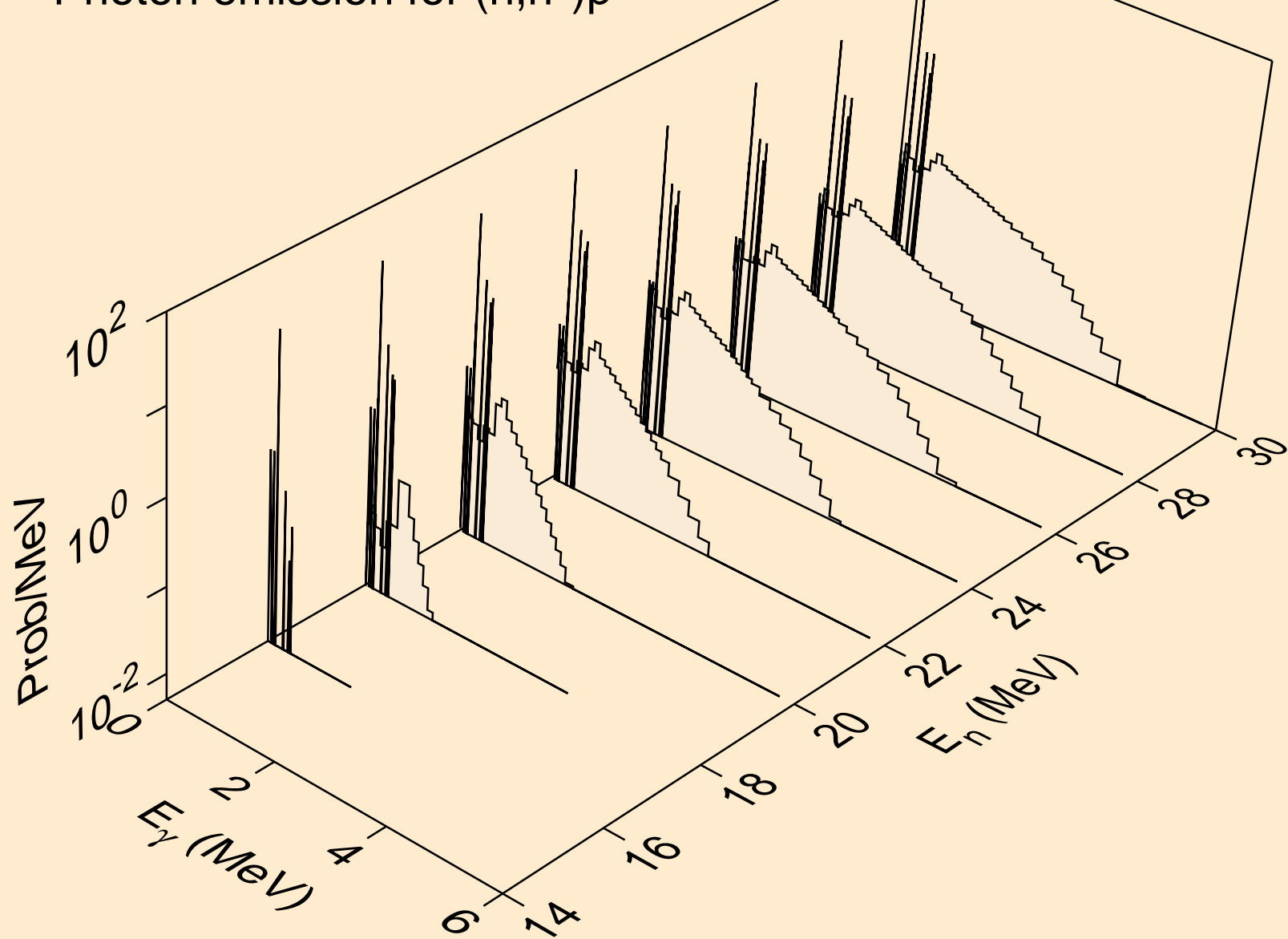
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



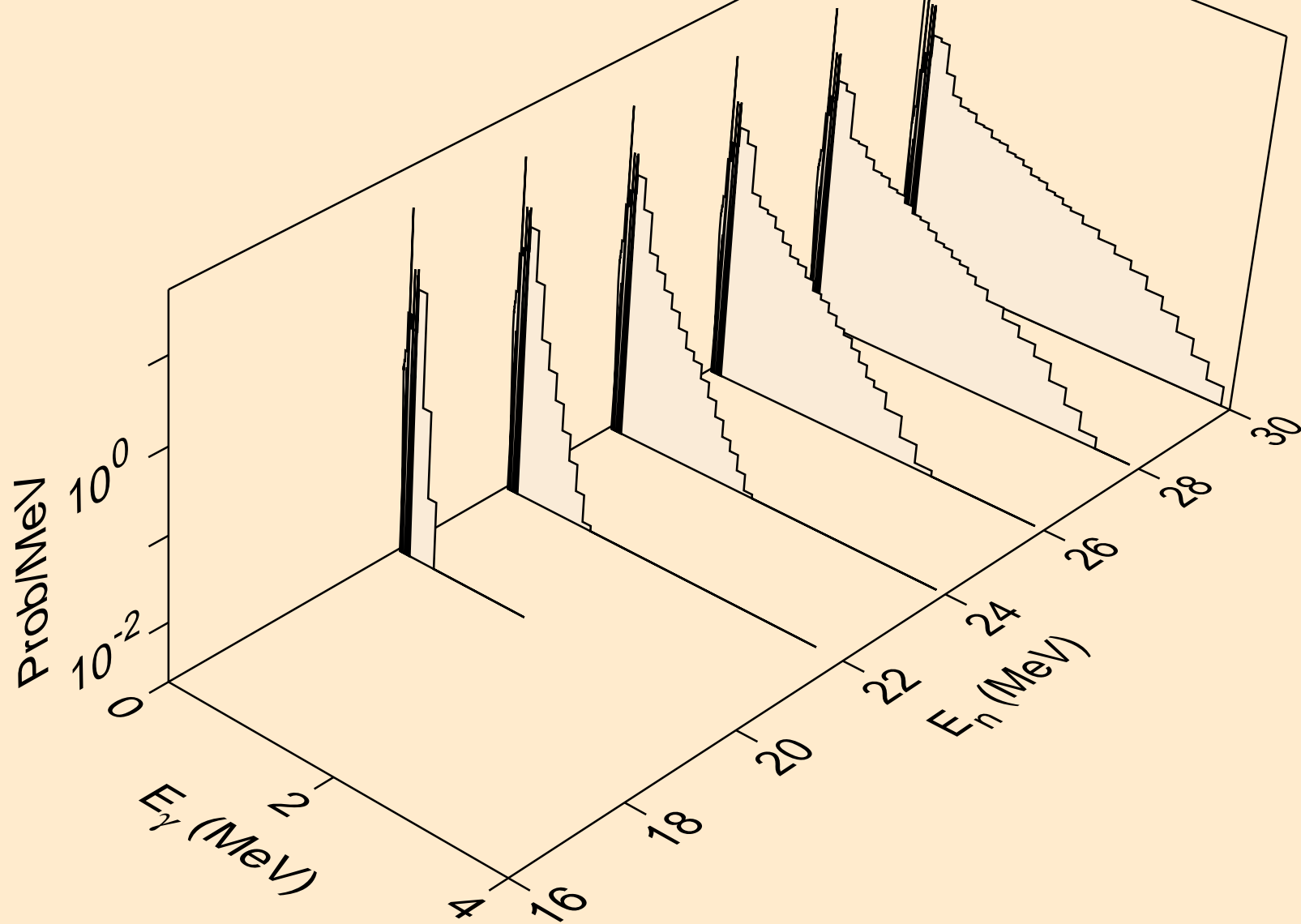
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

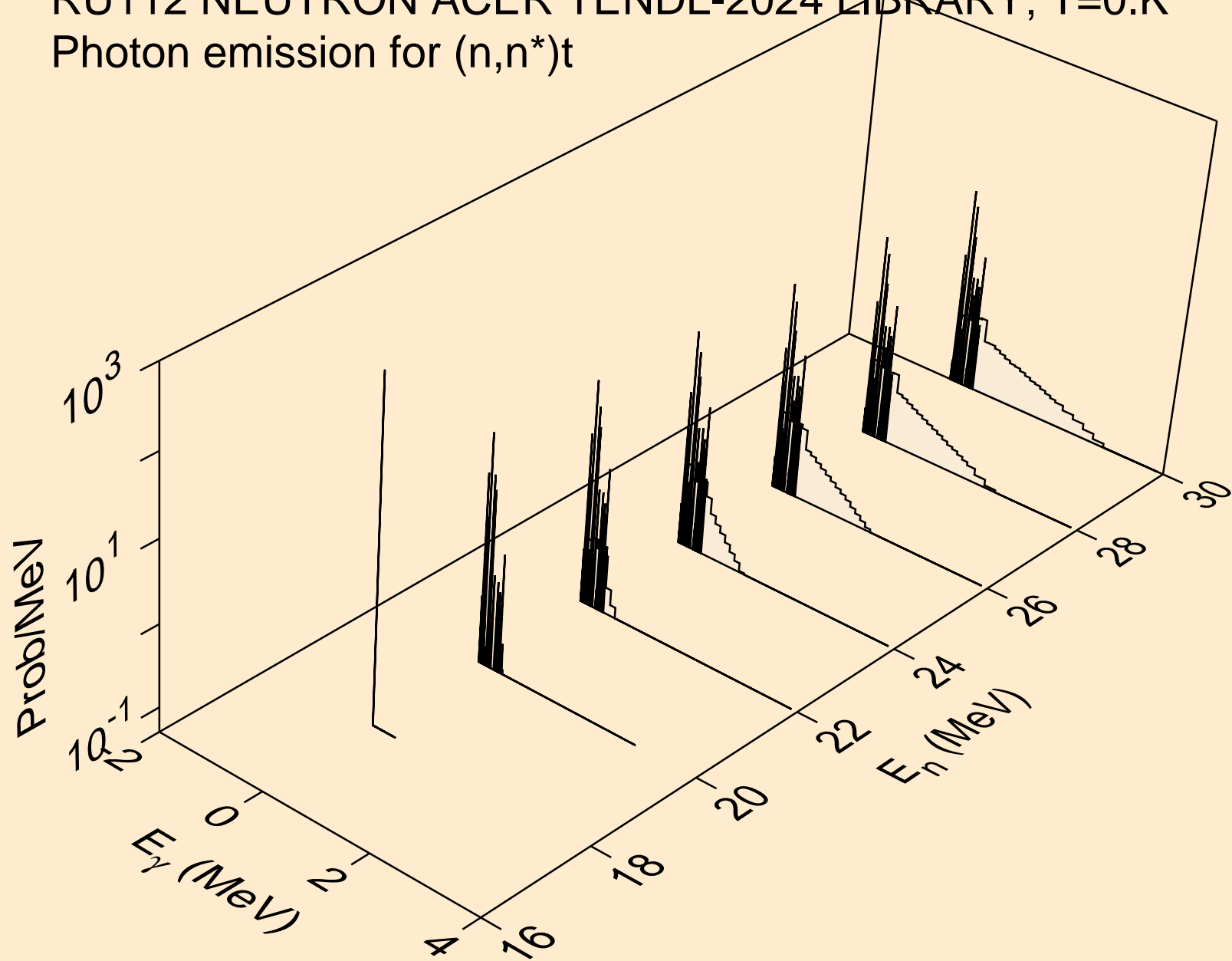


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

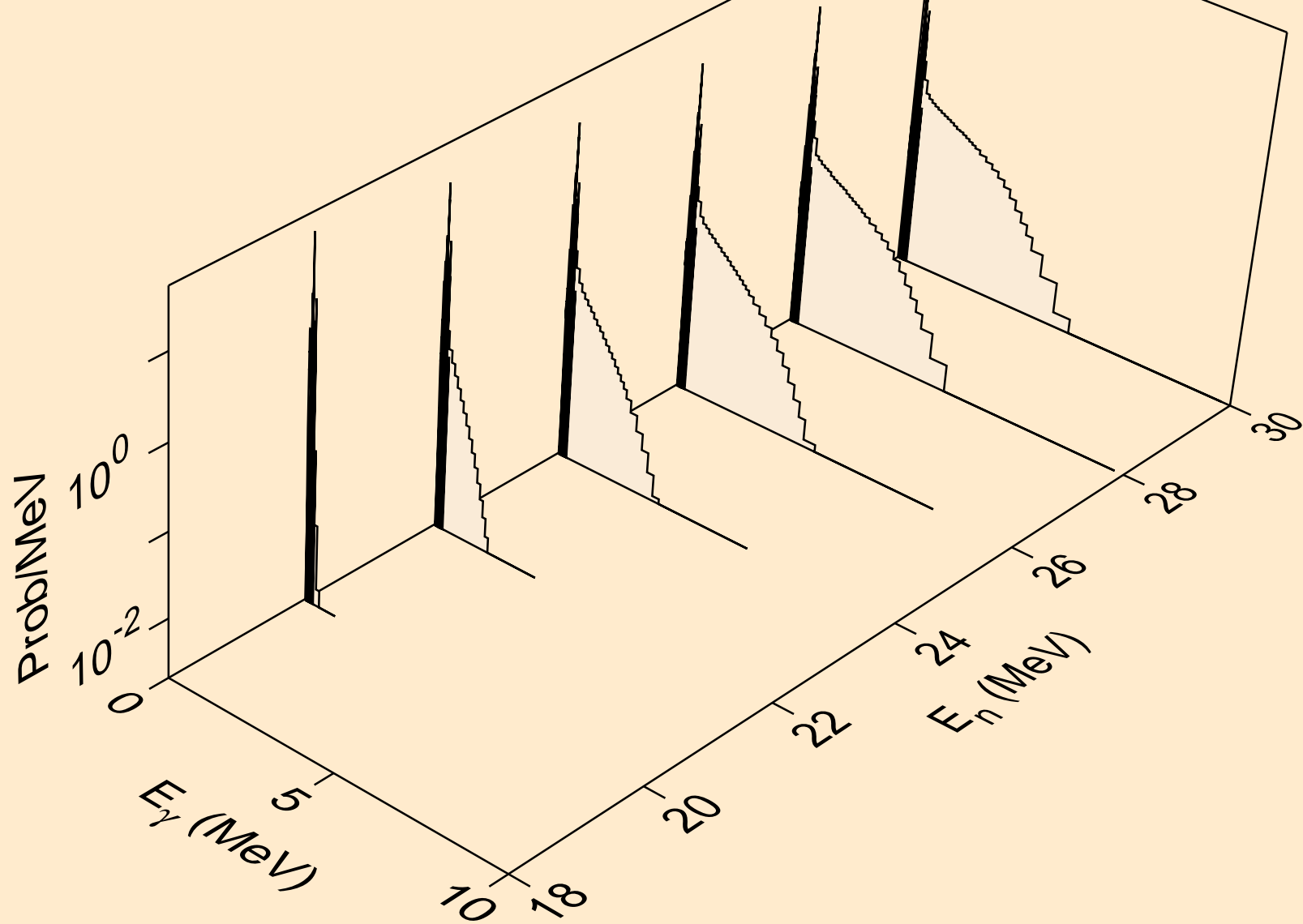




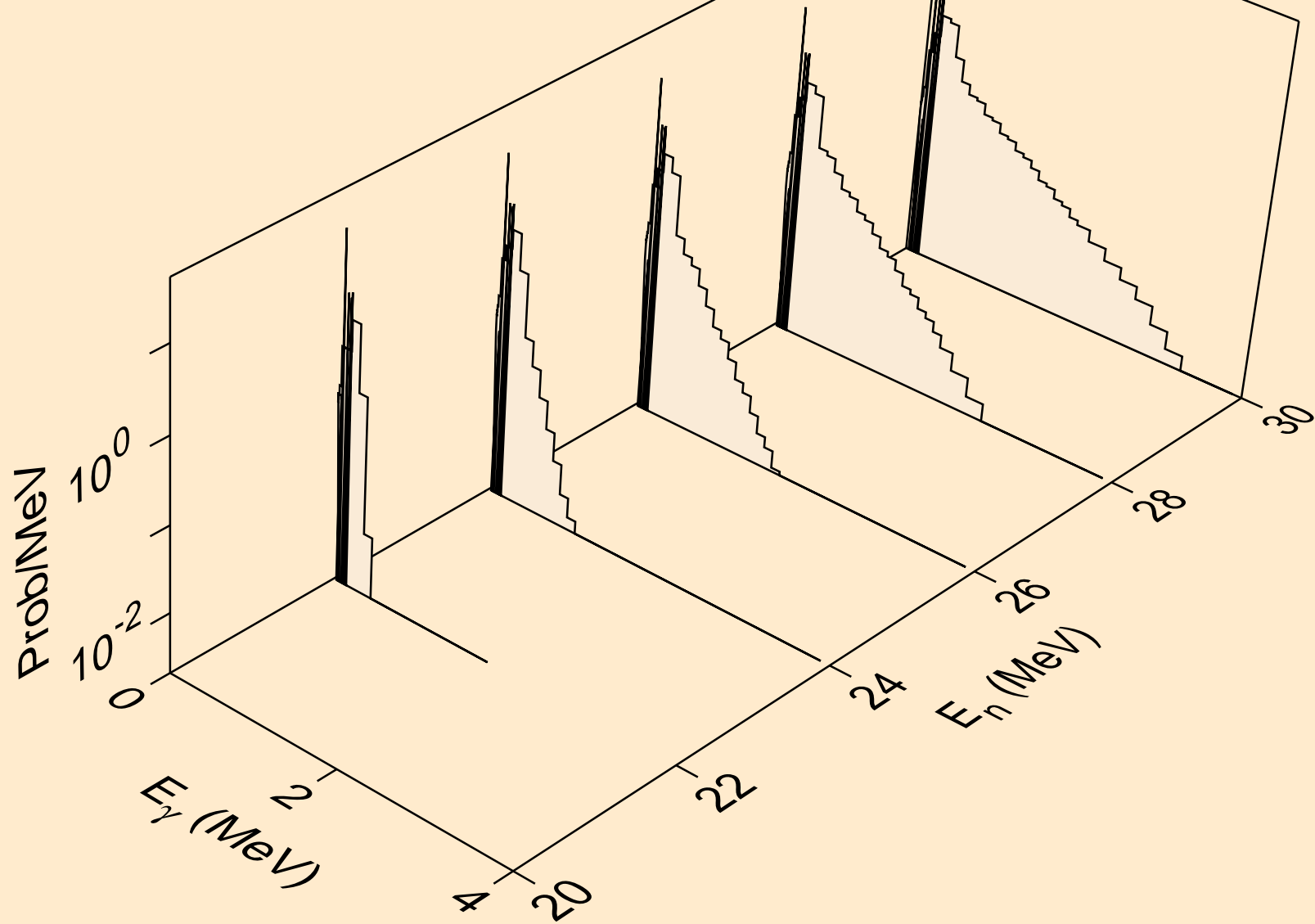
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



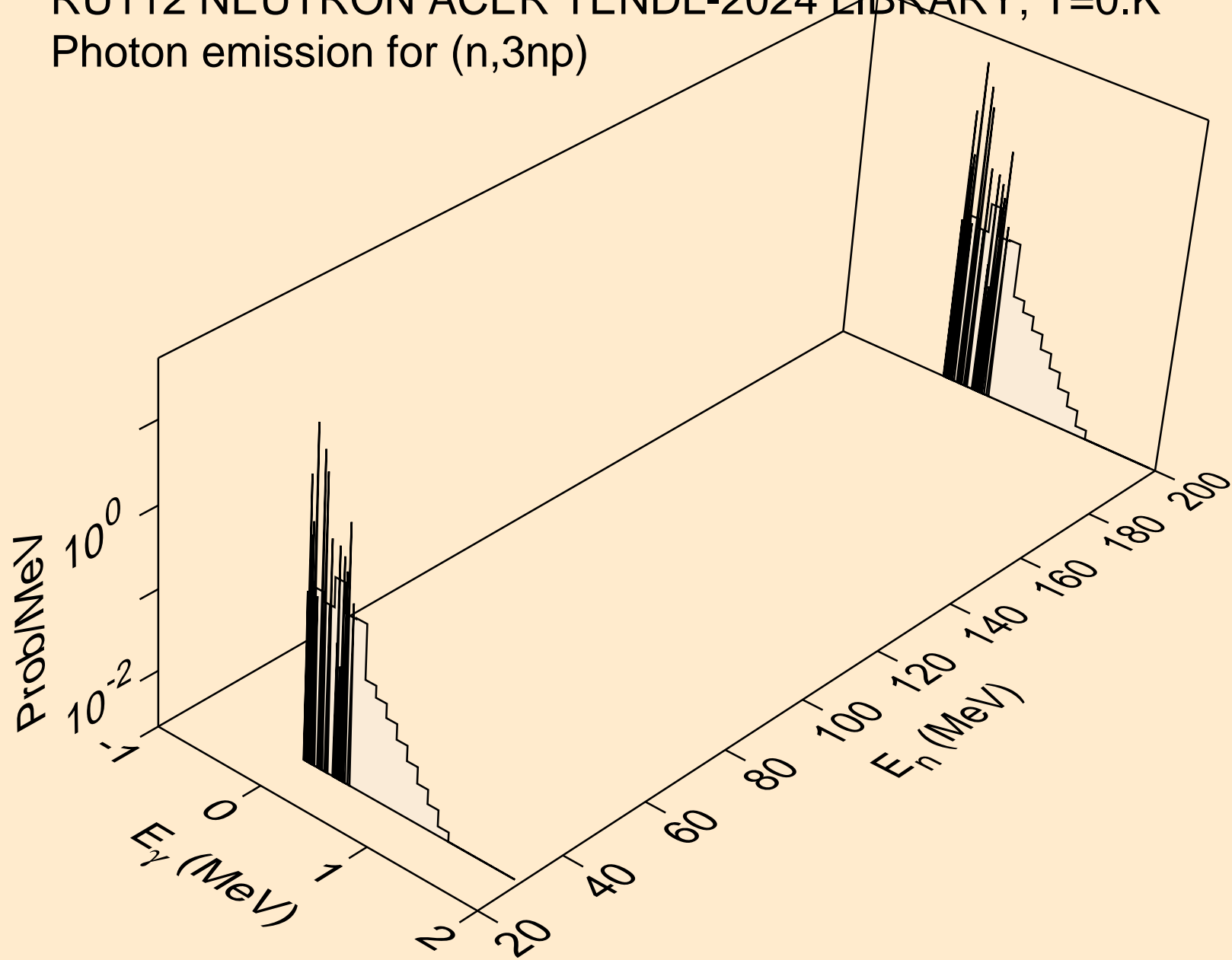
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



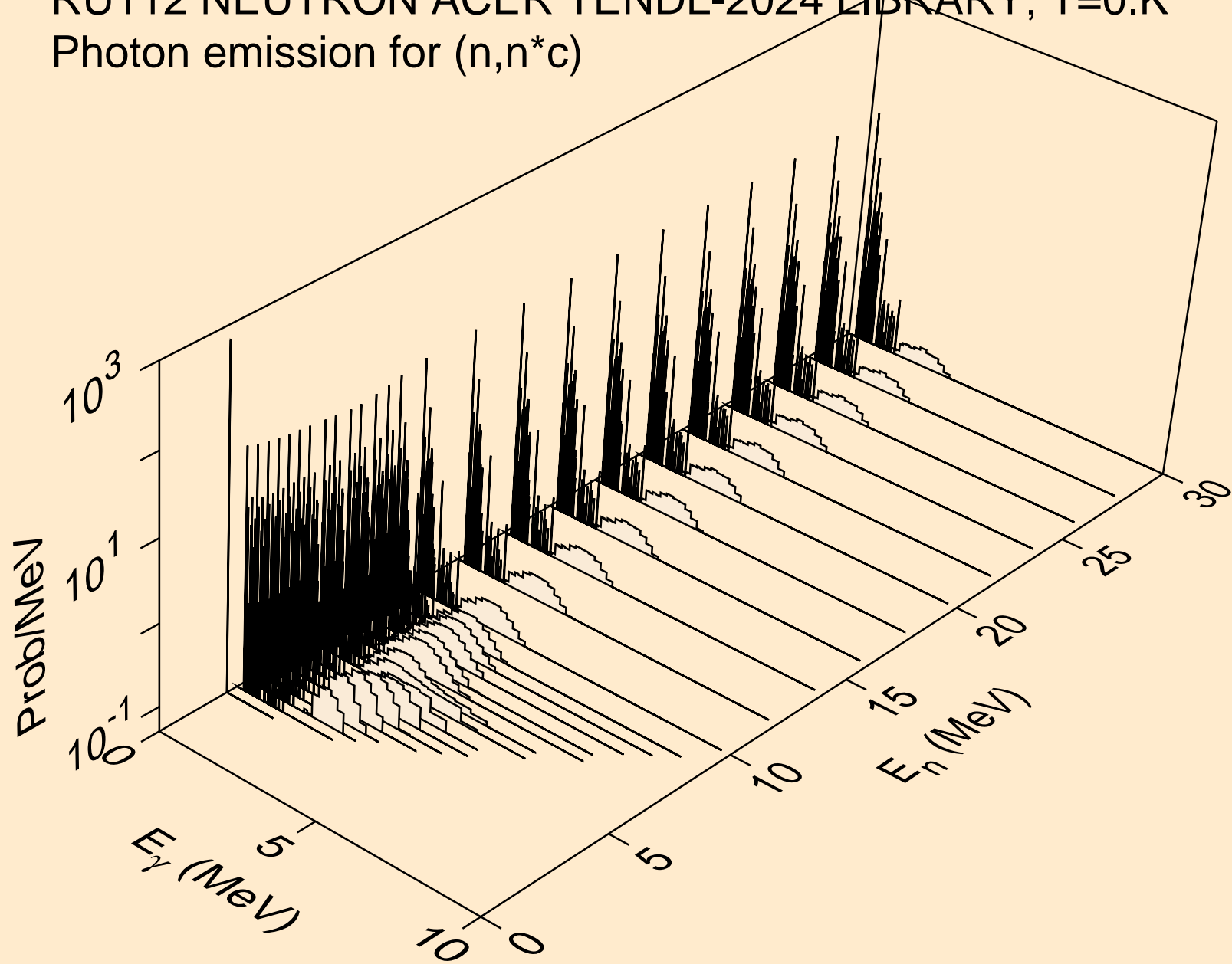
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



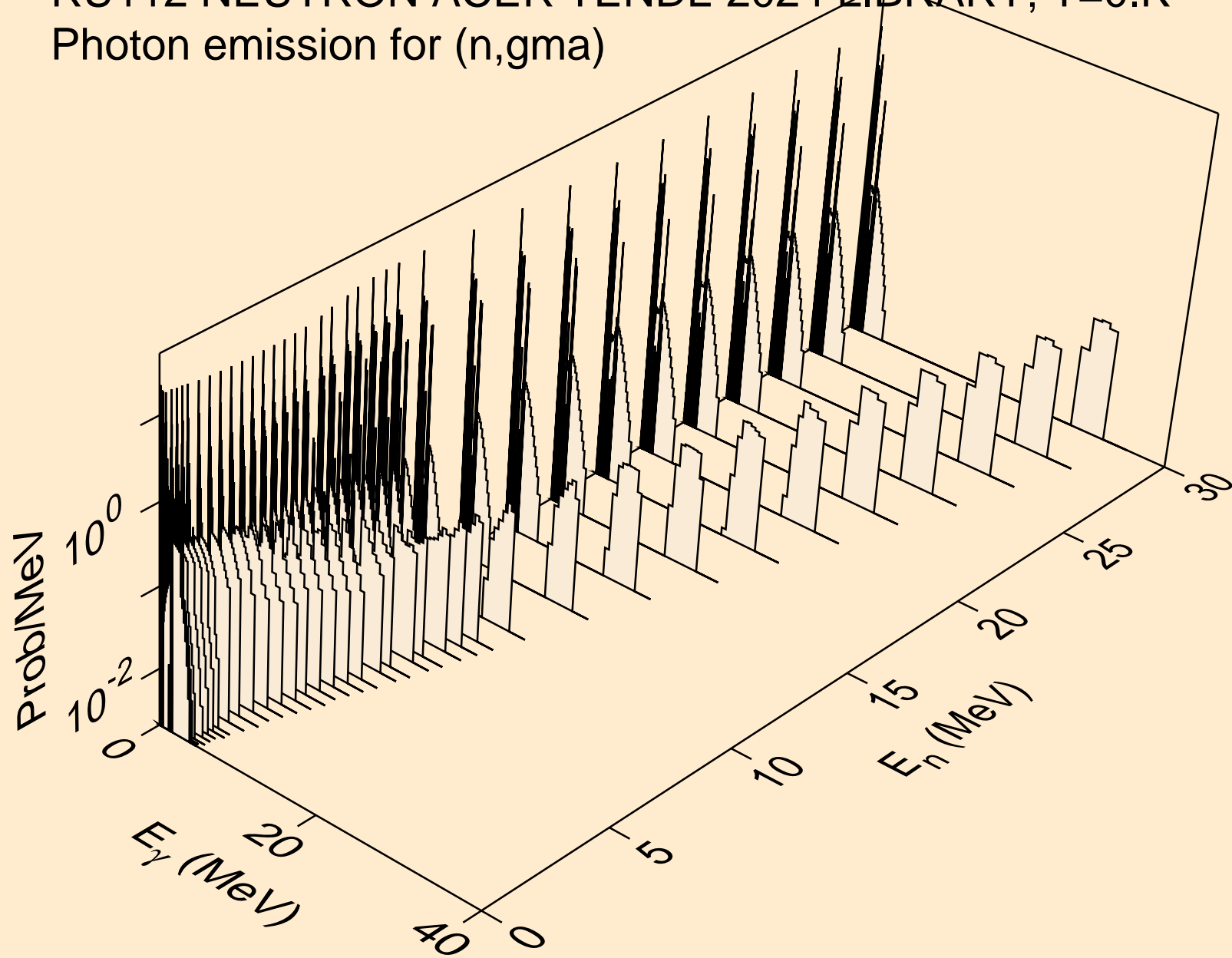
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



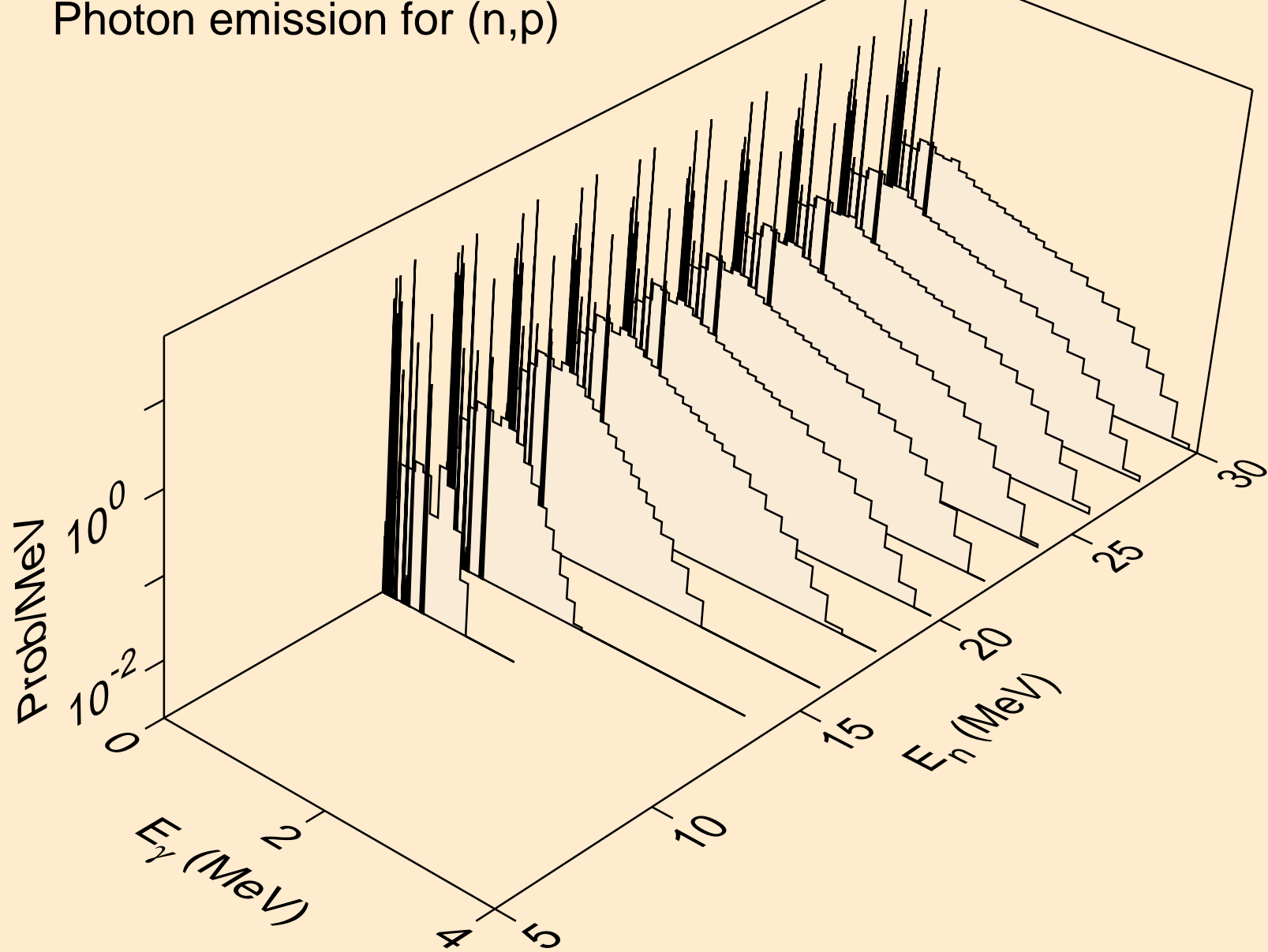
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



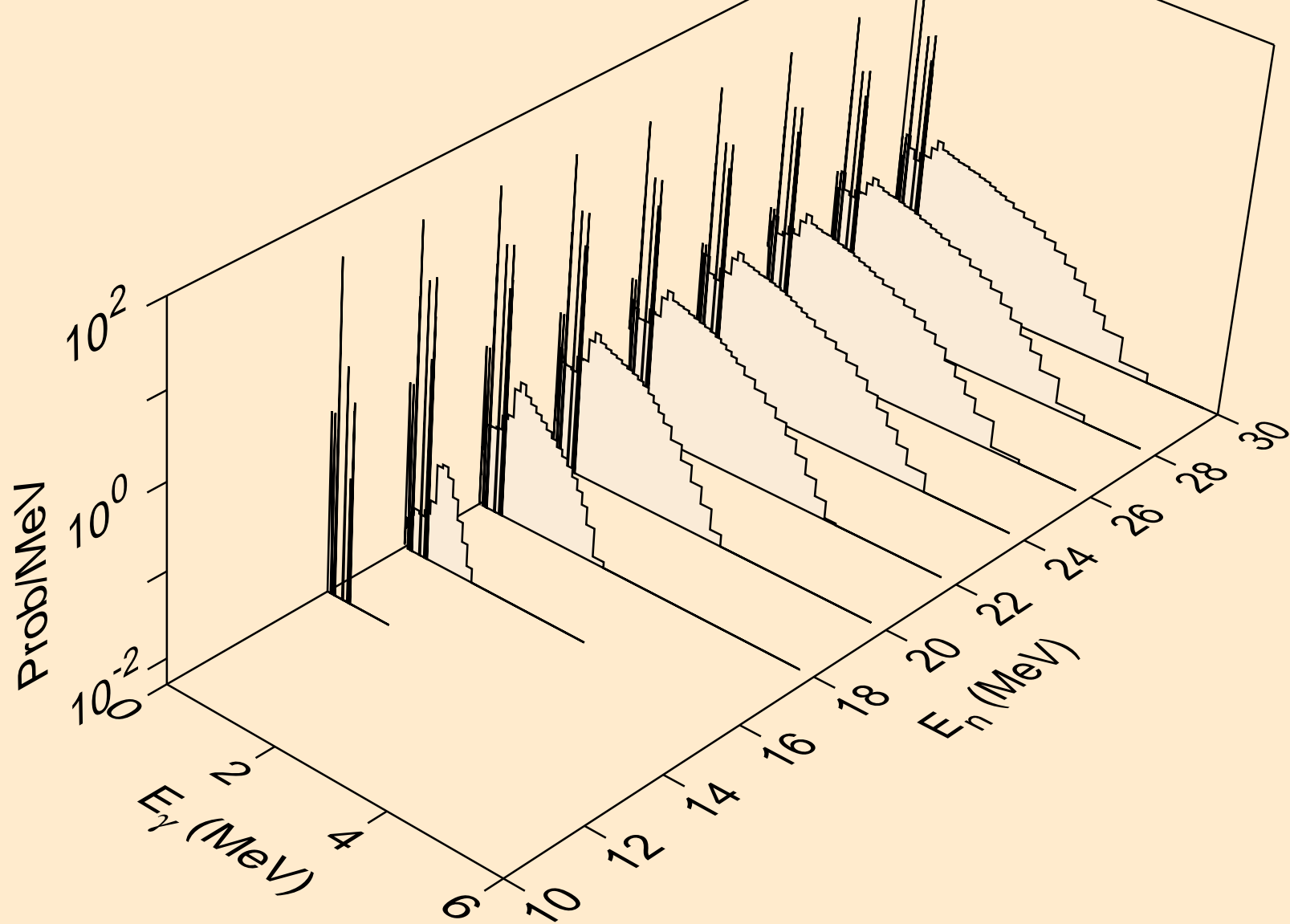
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

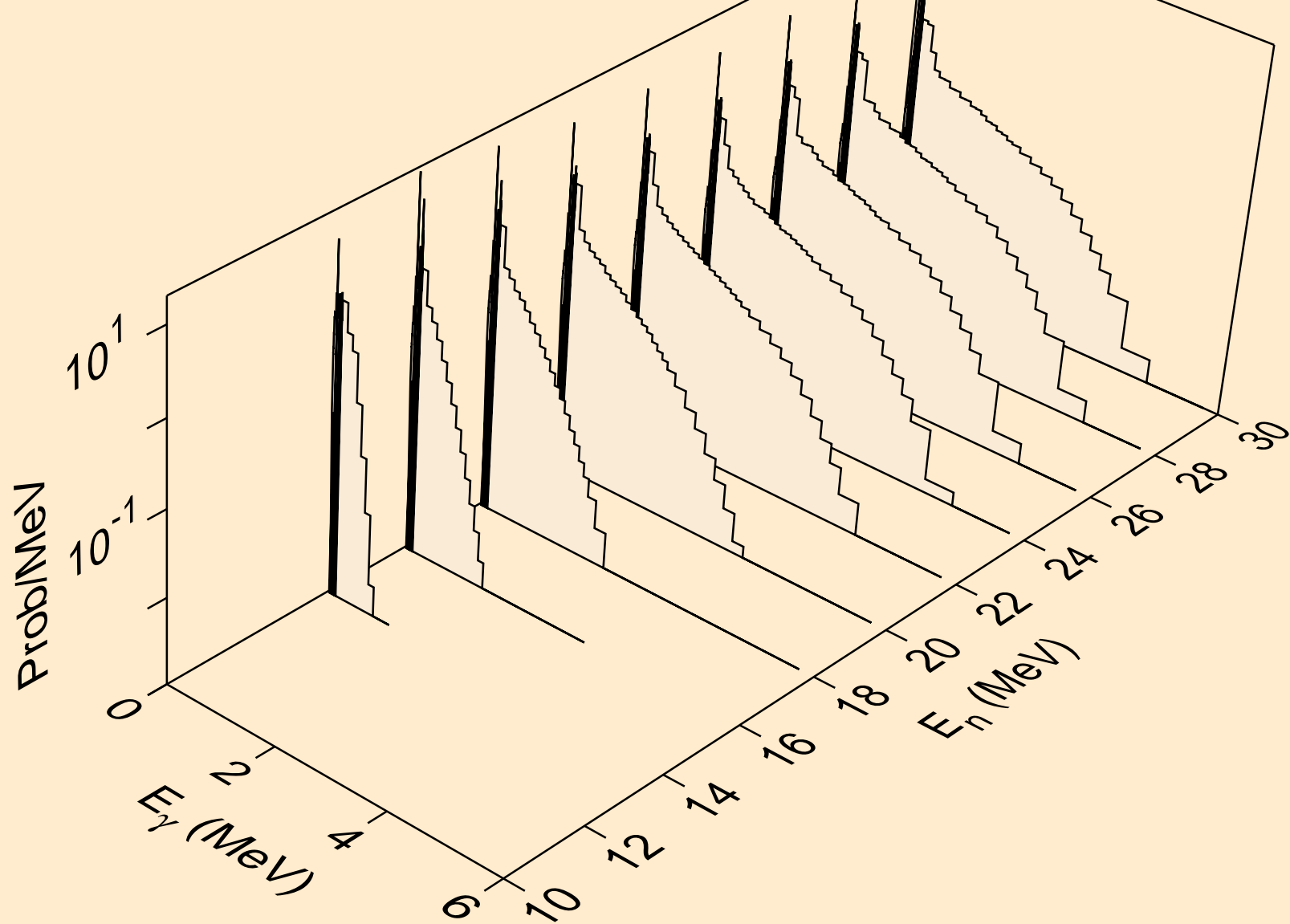


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

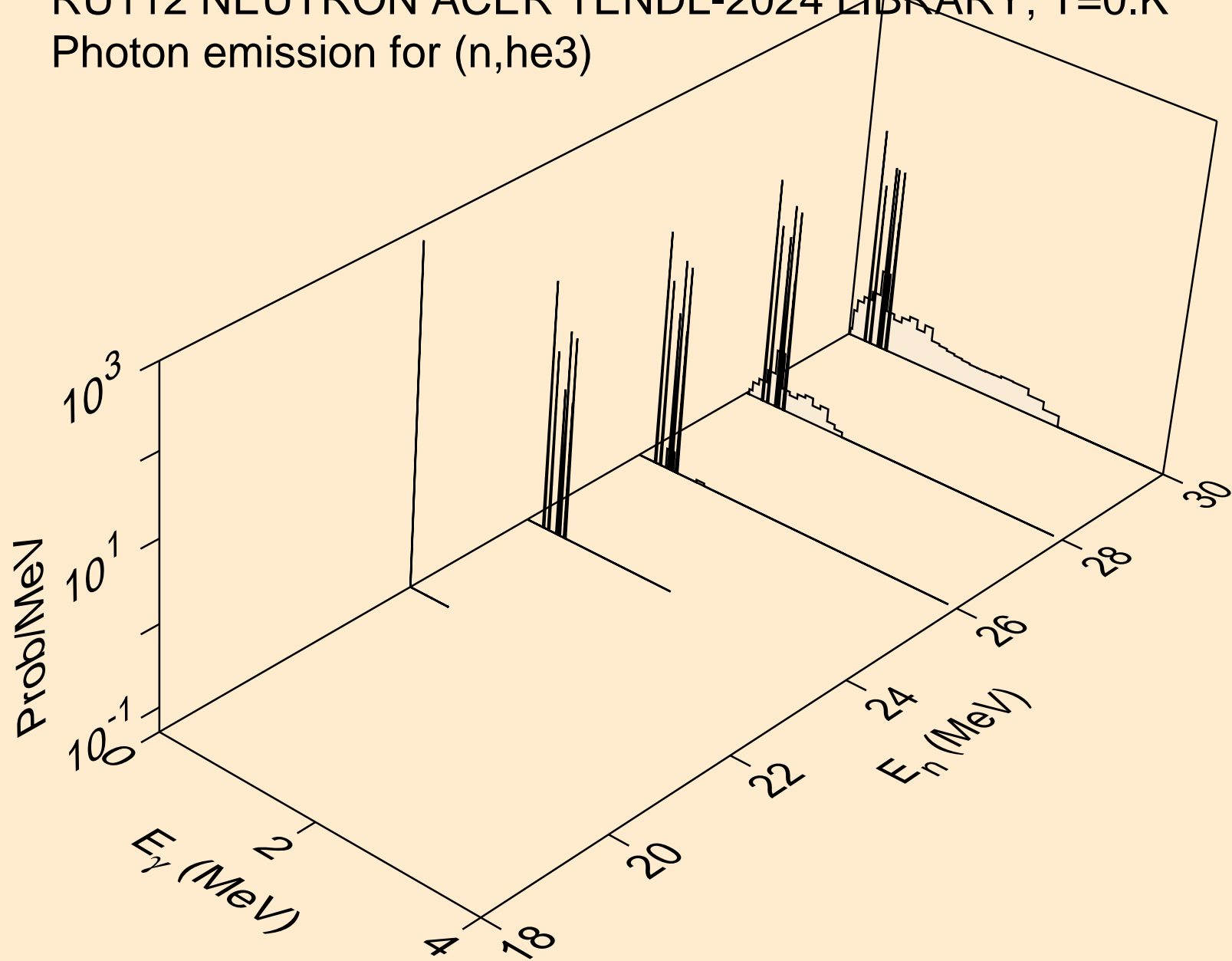




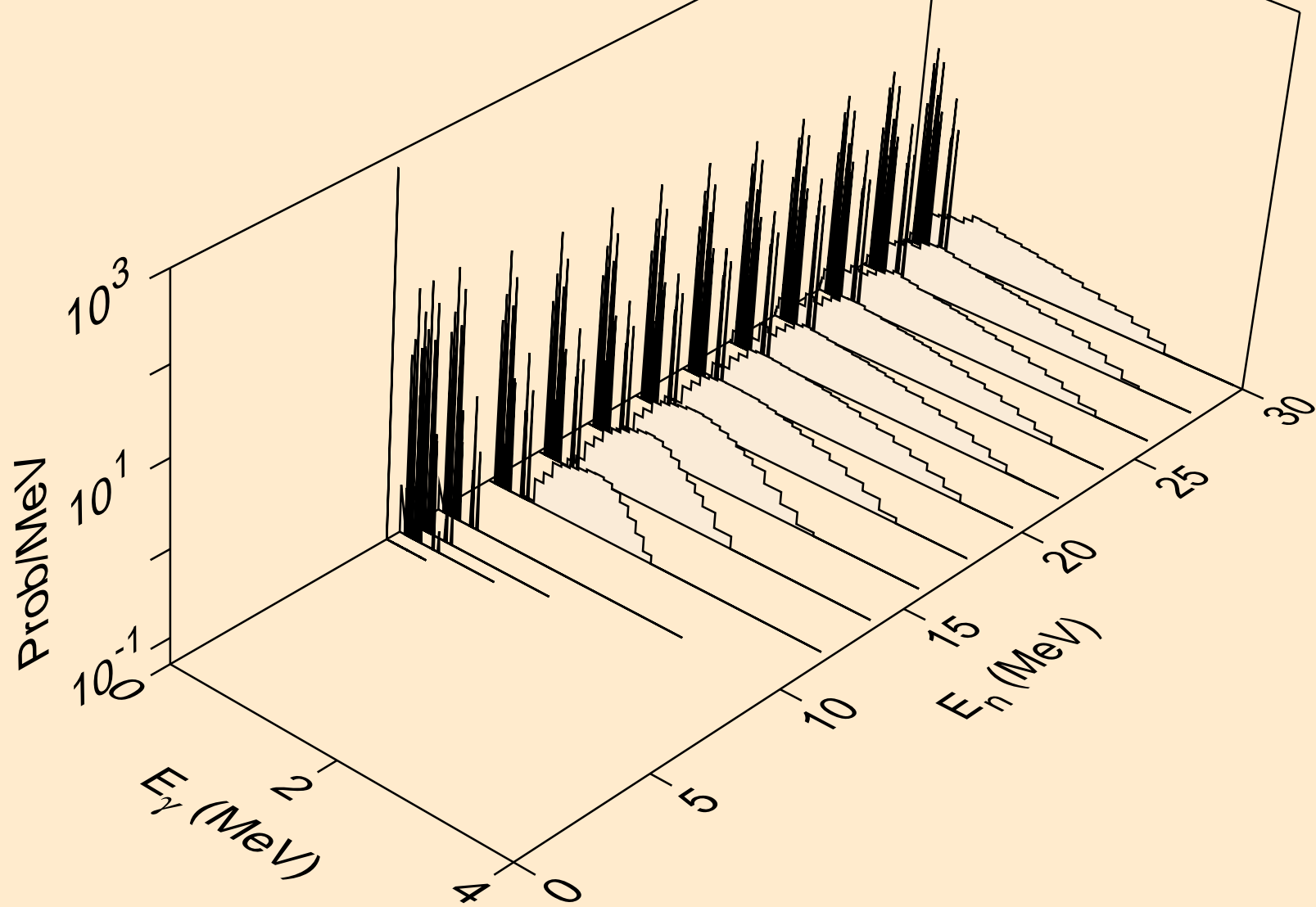
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



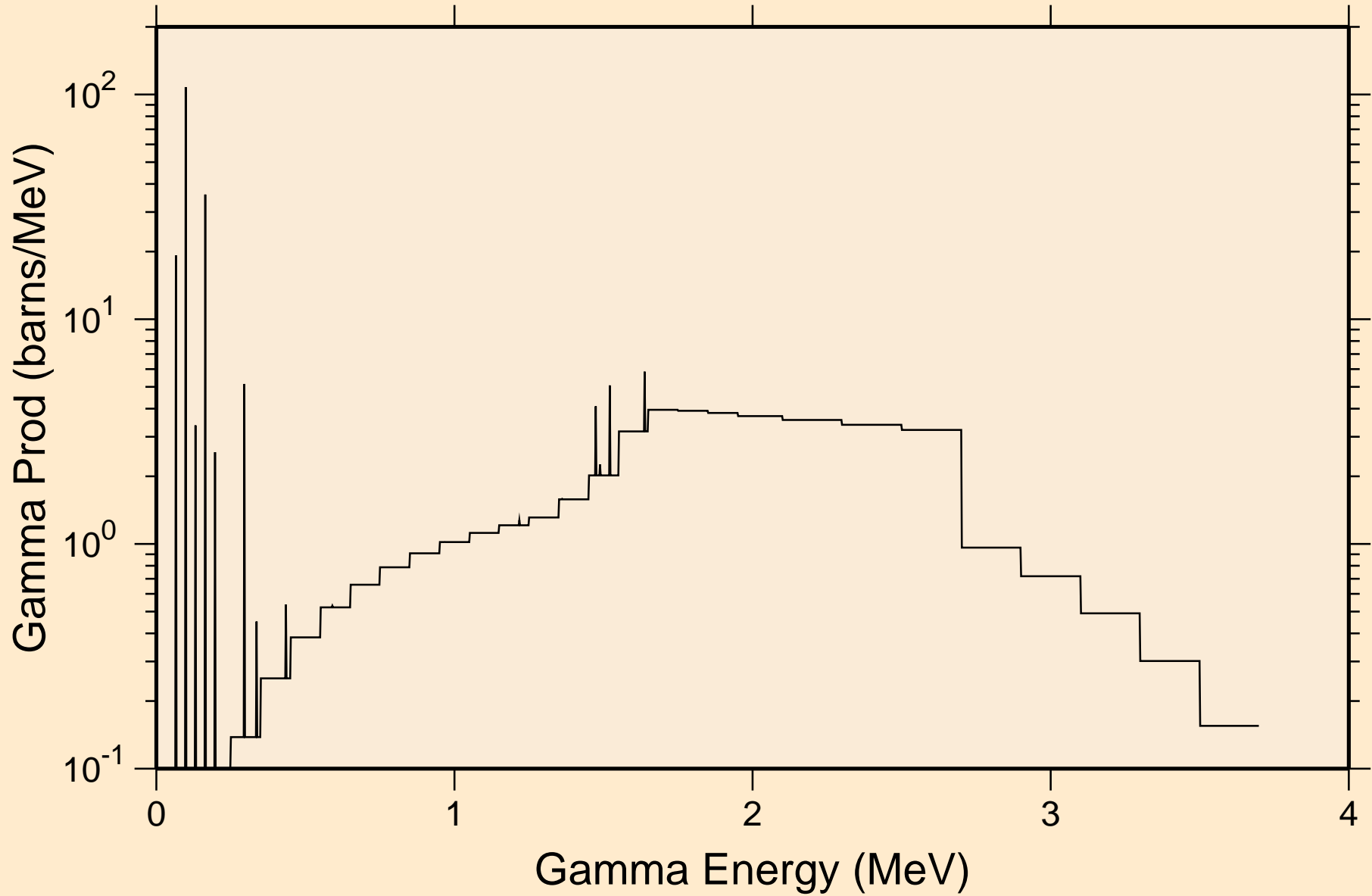
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



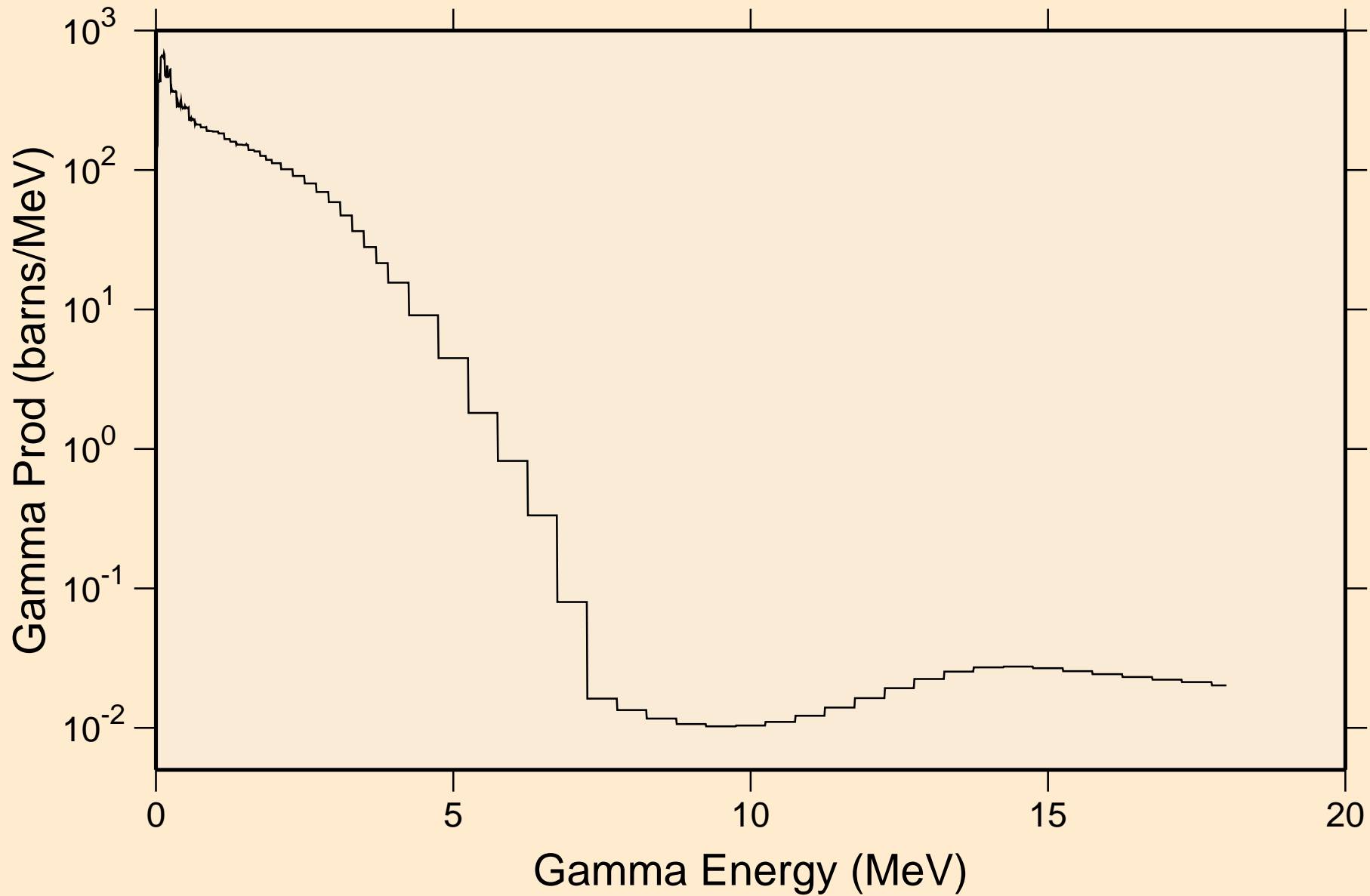
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

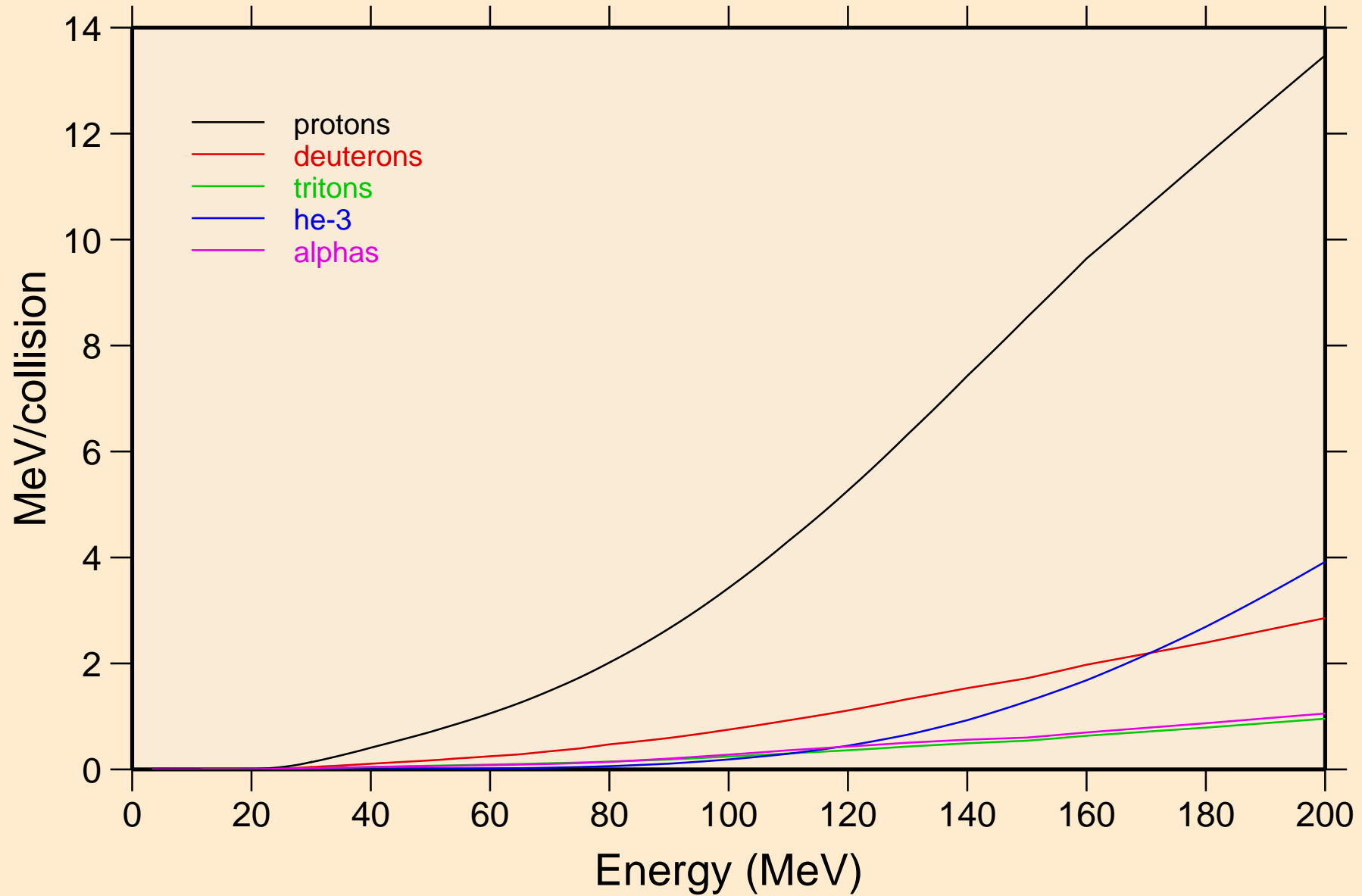


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

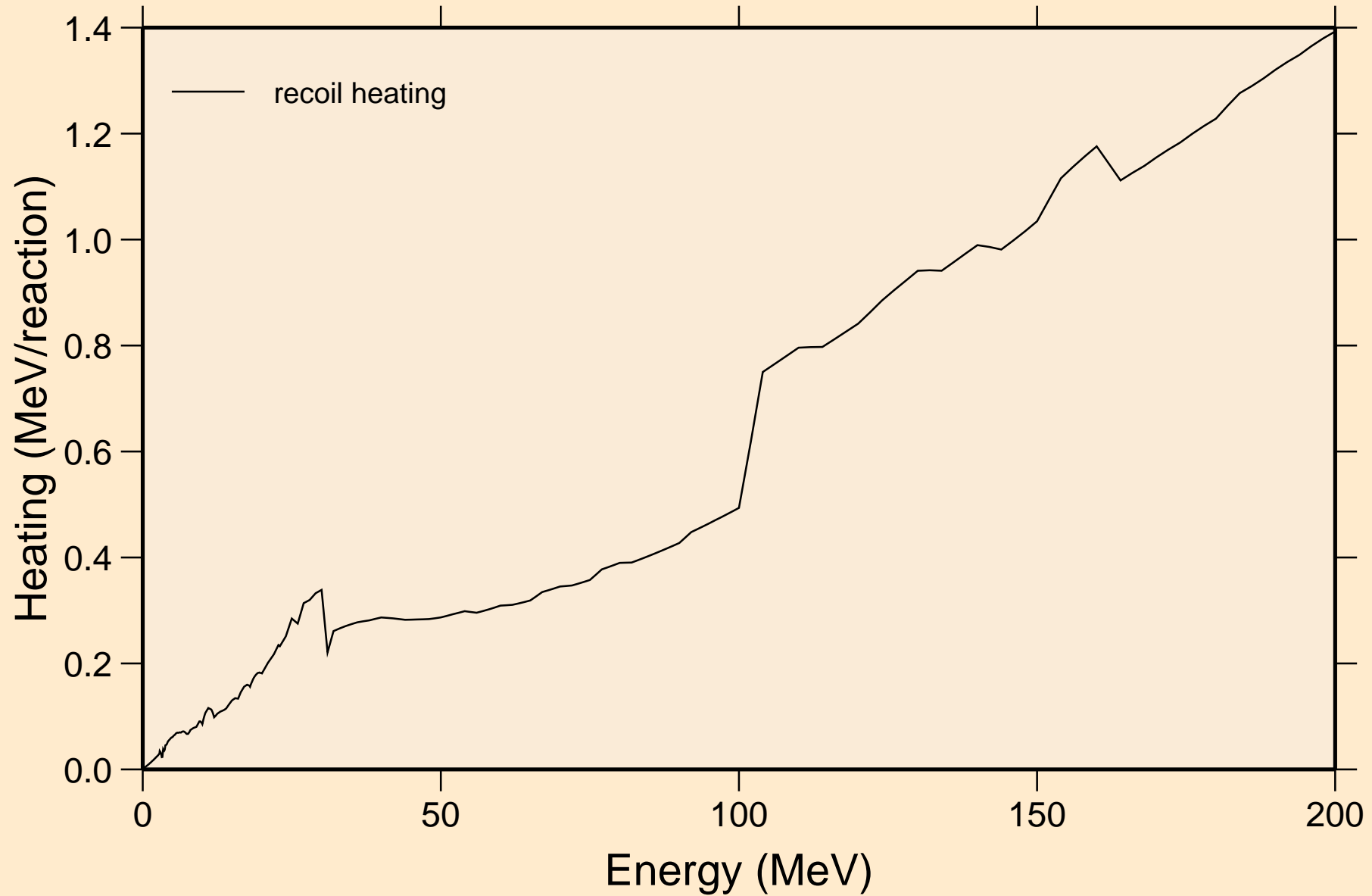


# RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

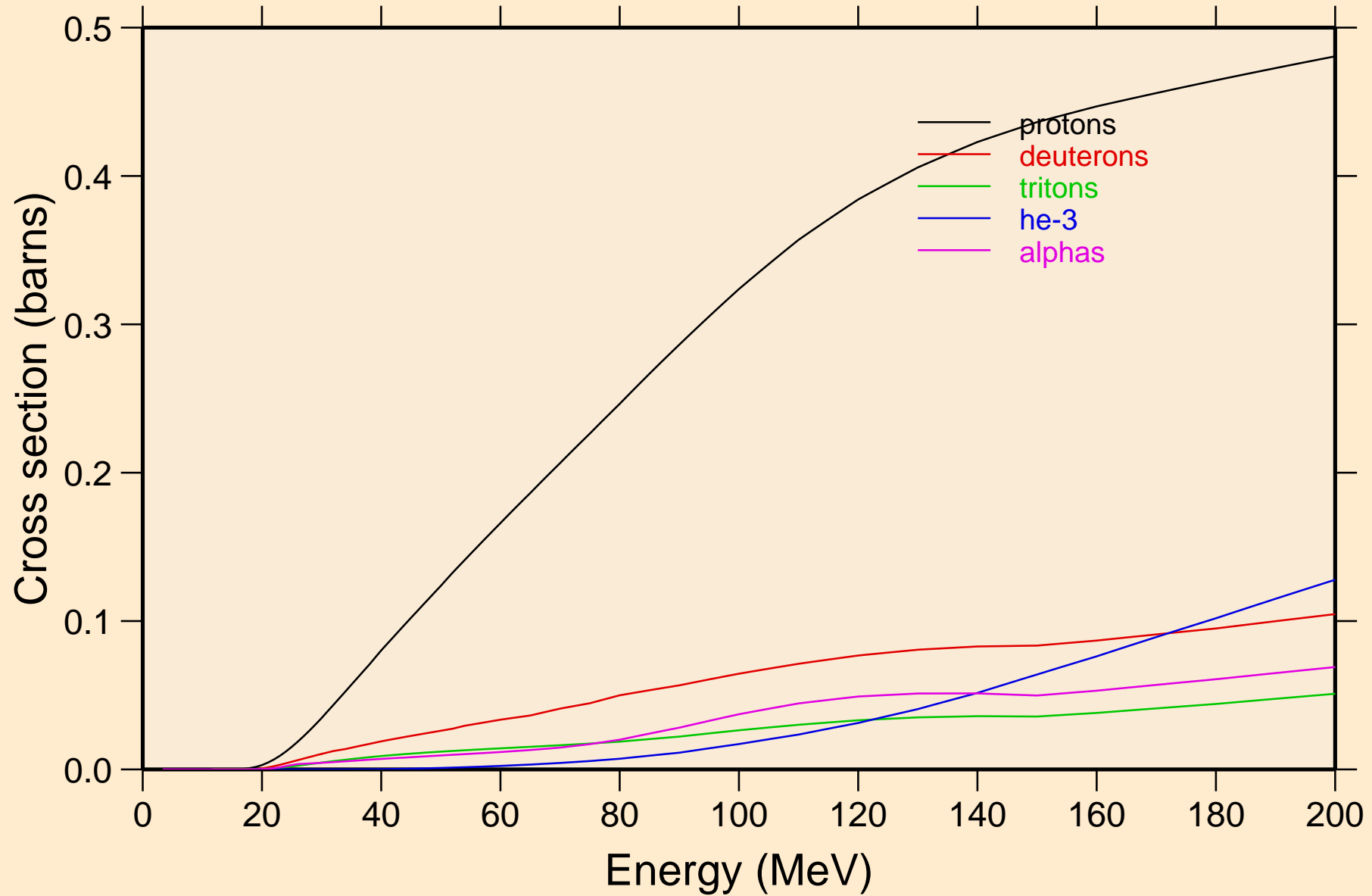
## Particle heating contributions



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

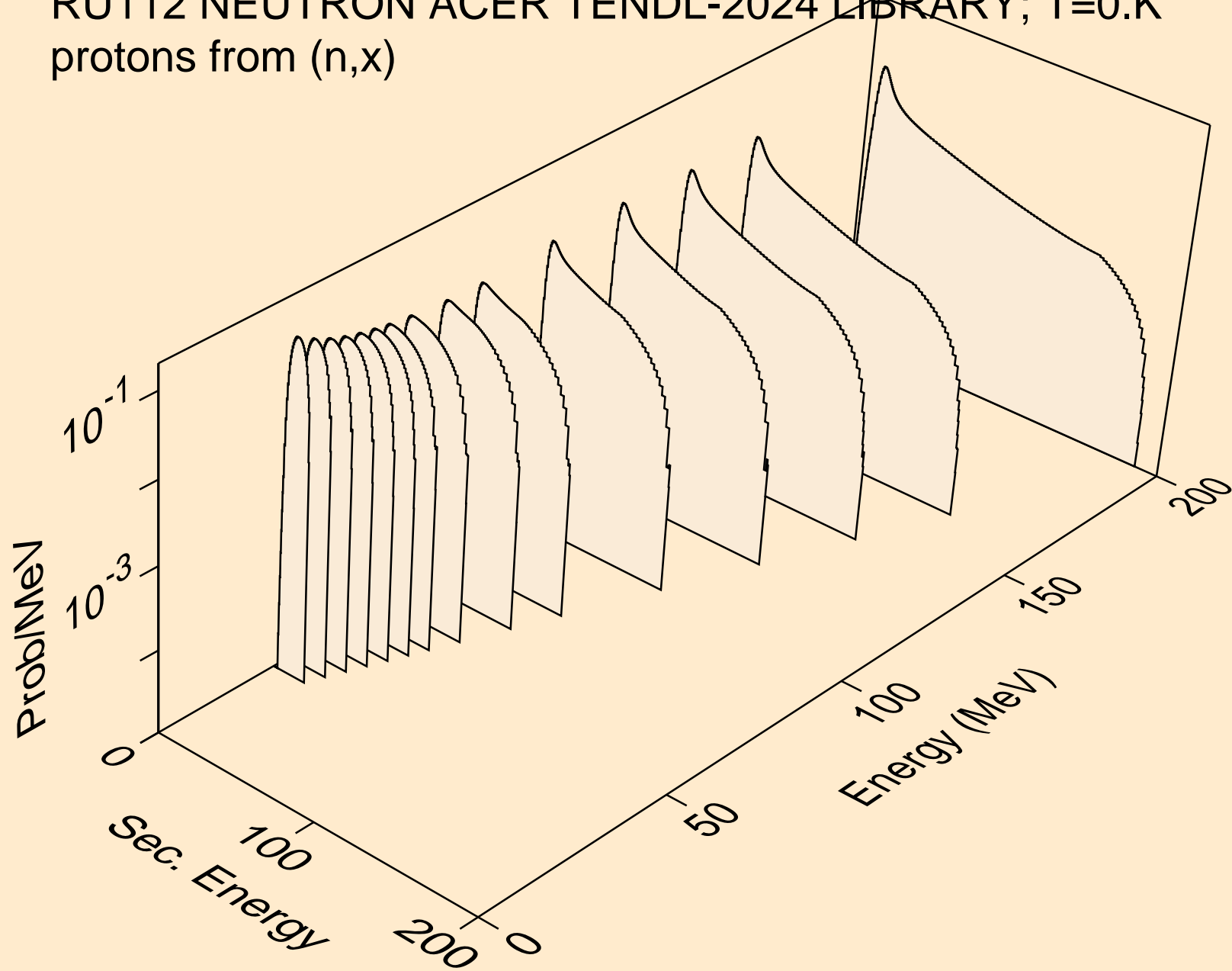


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

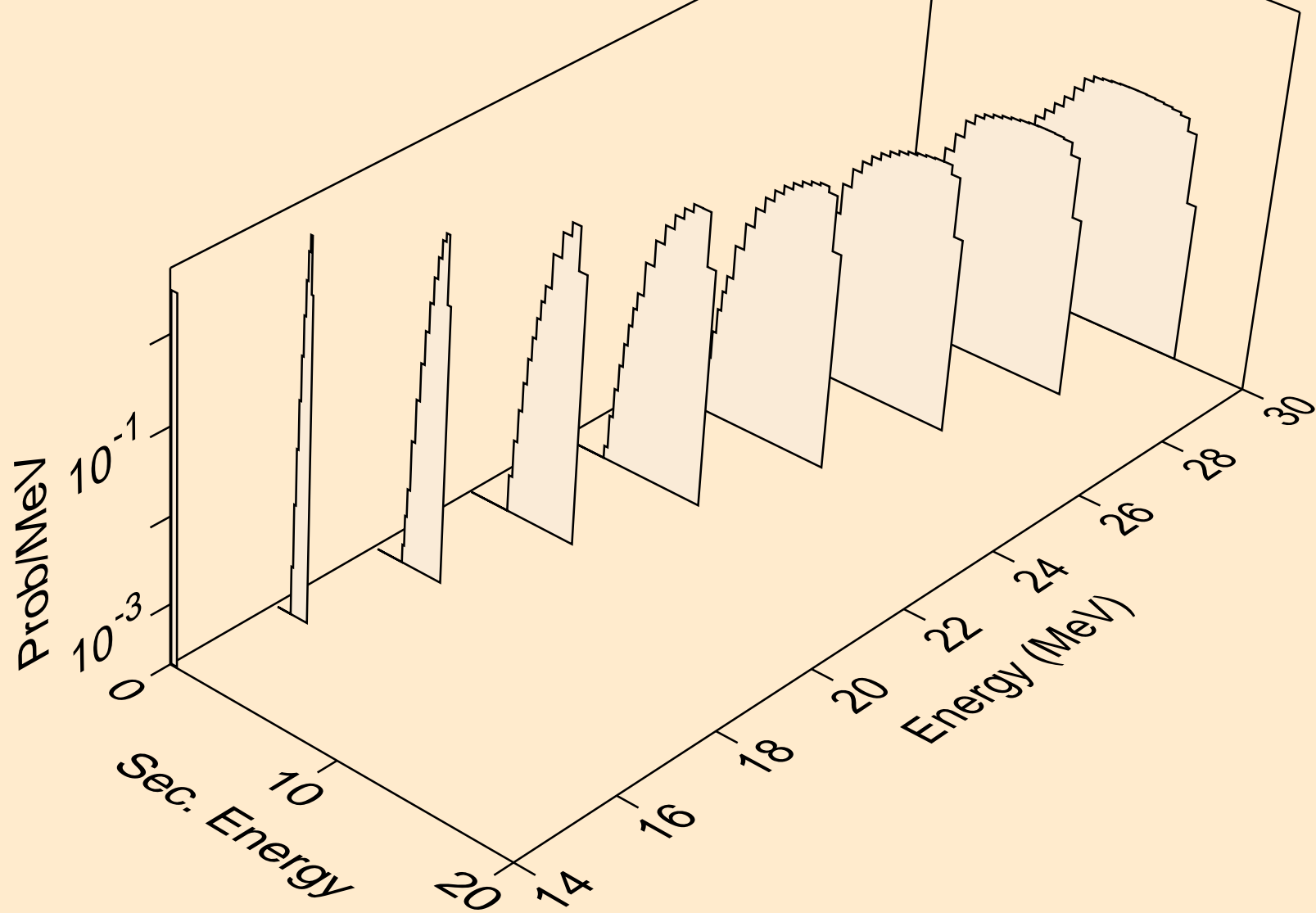




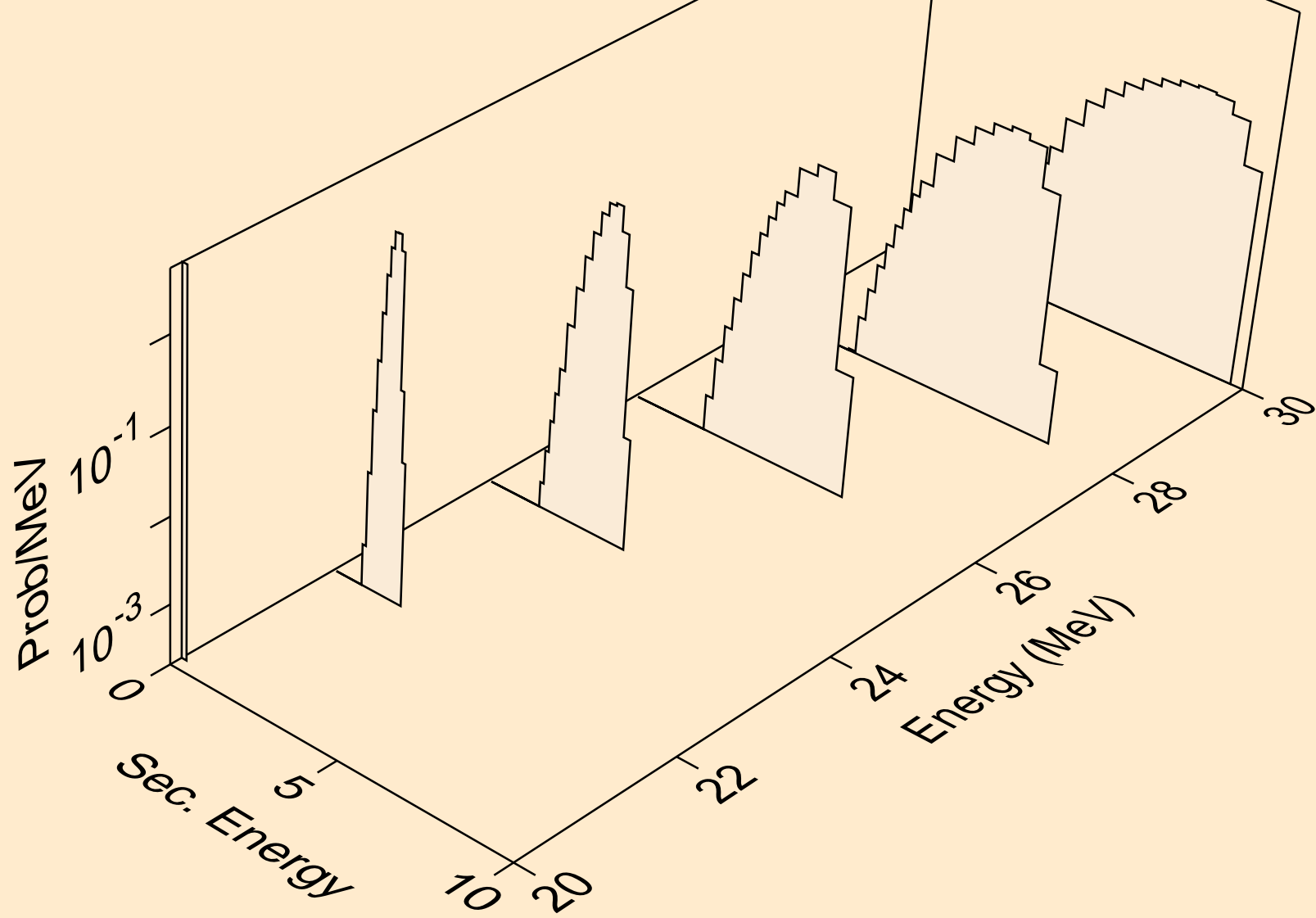
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



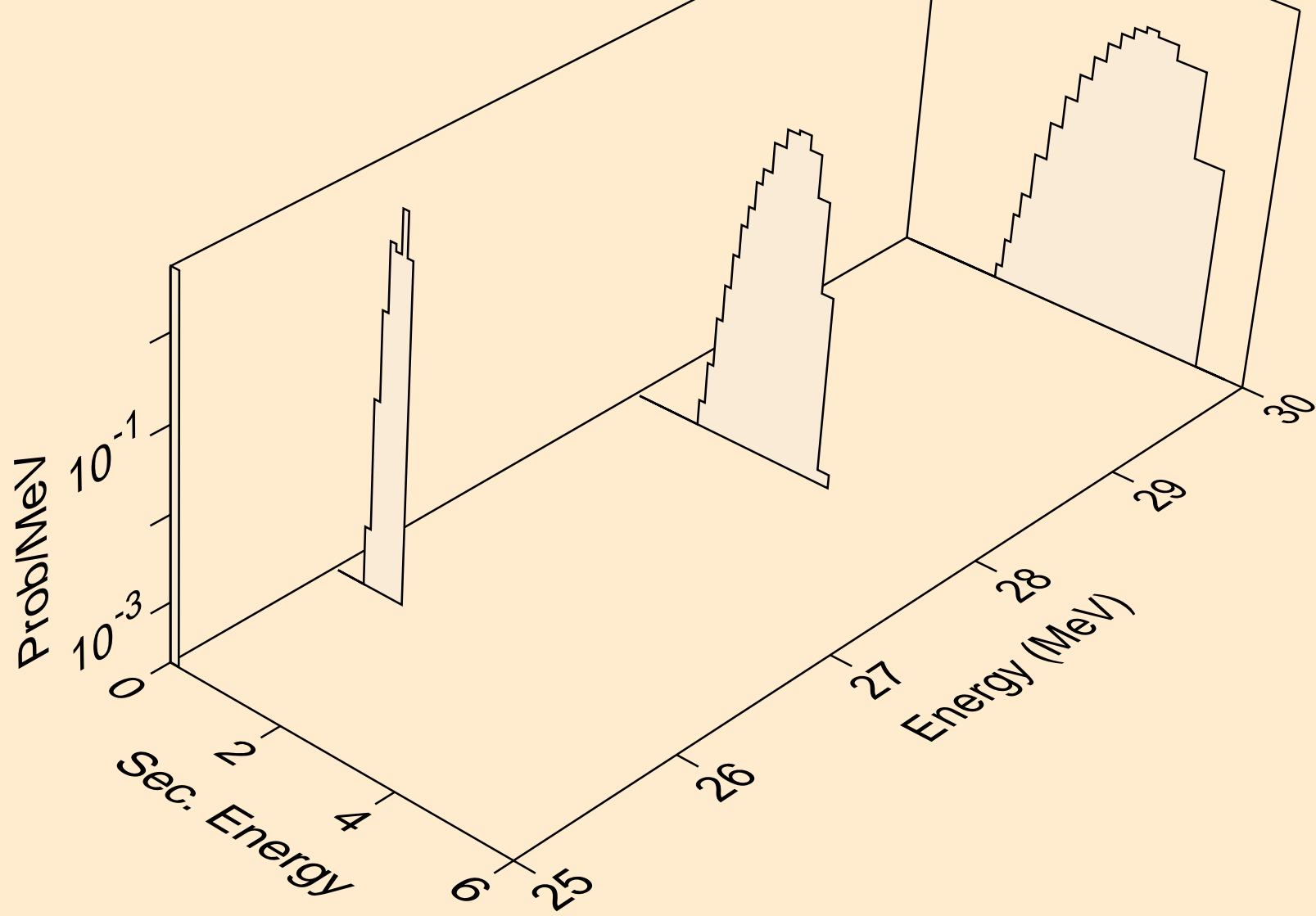
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



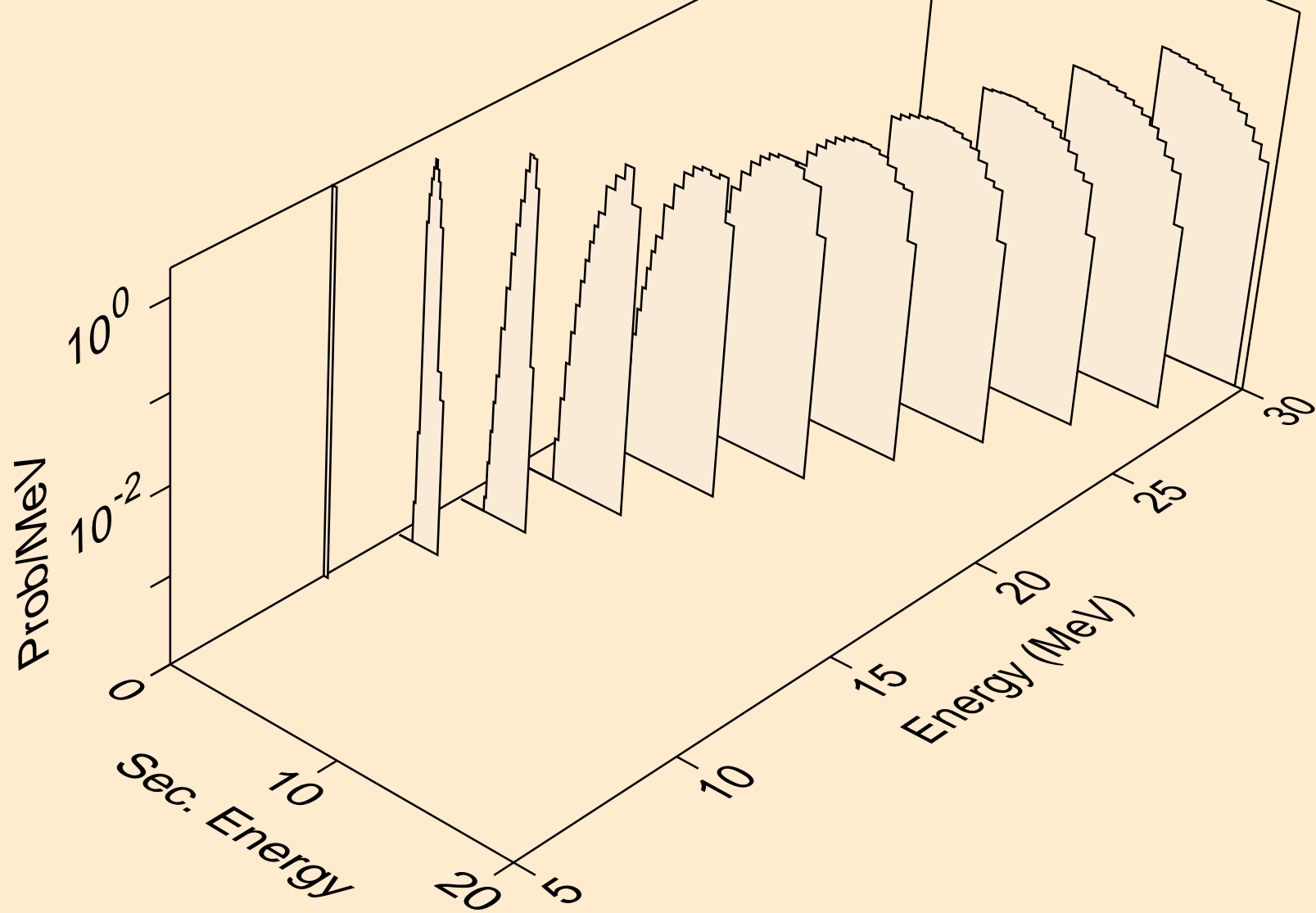
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



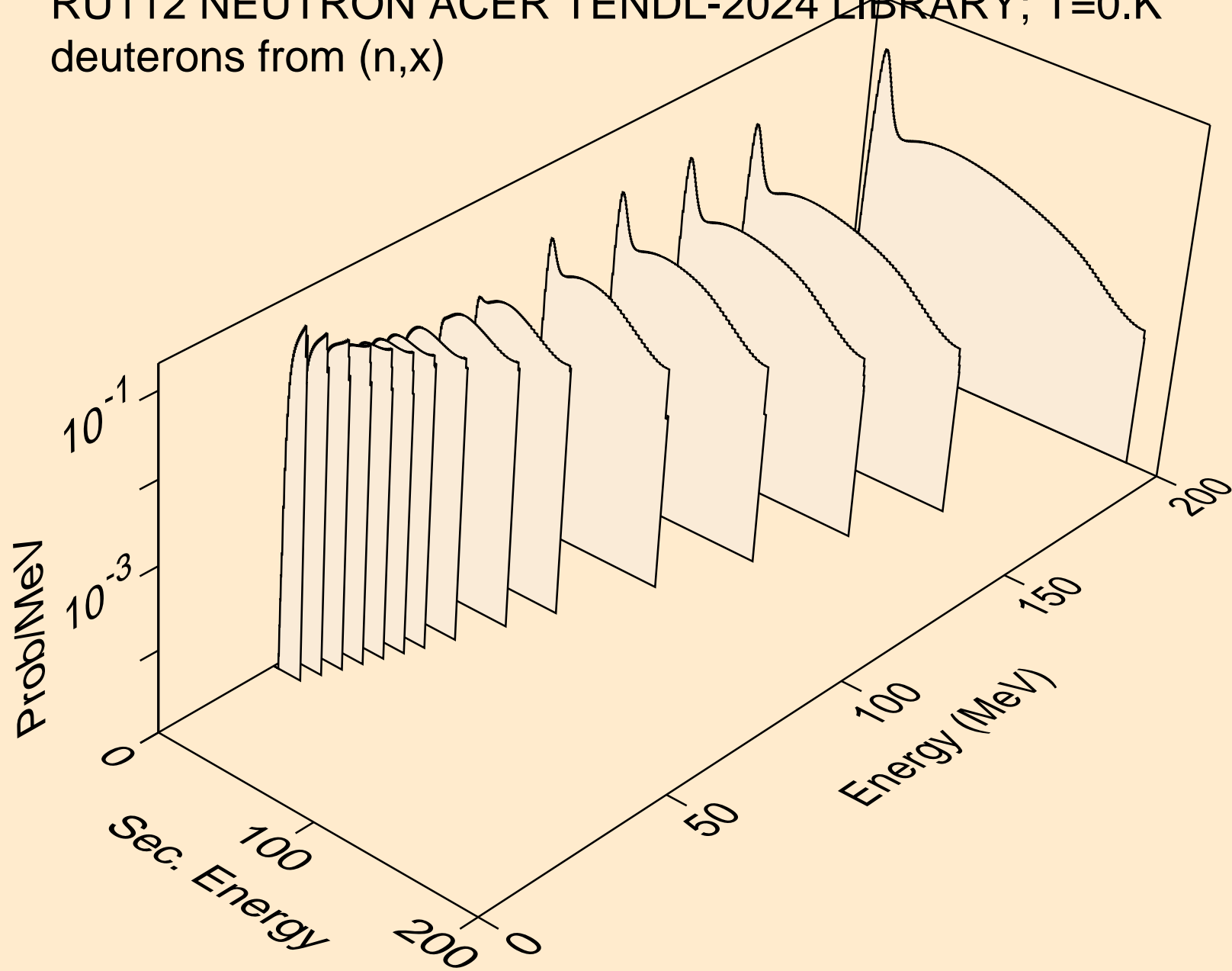
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protons from (n,3np)



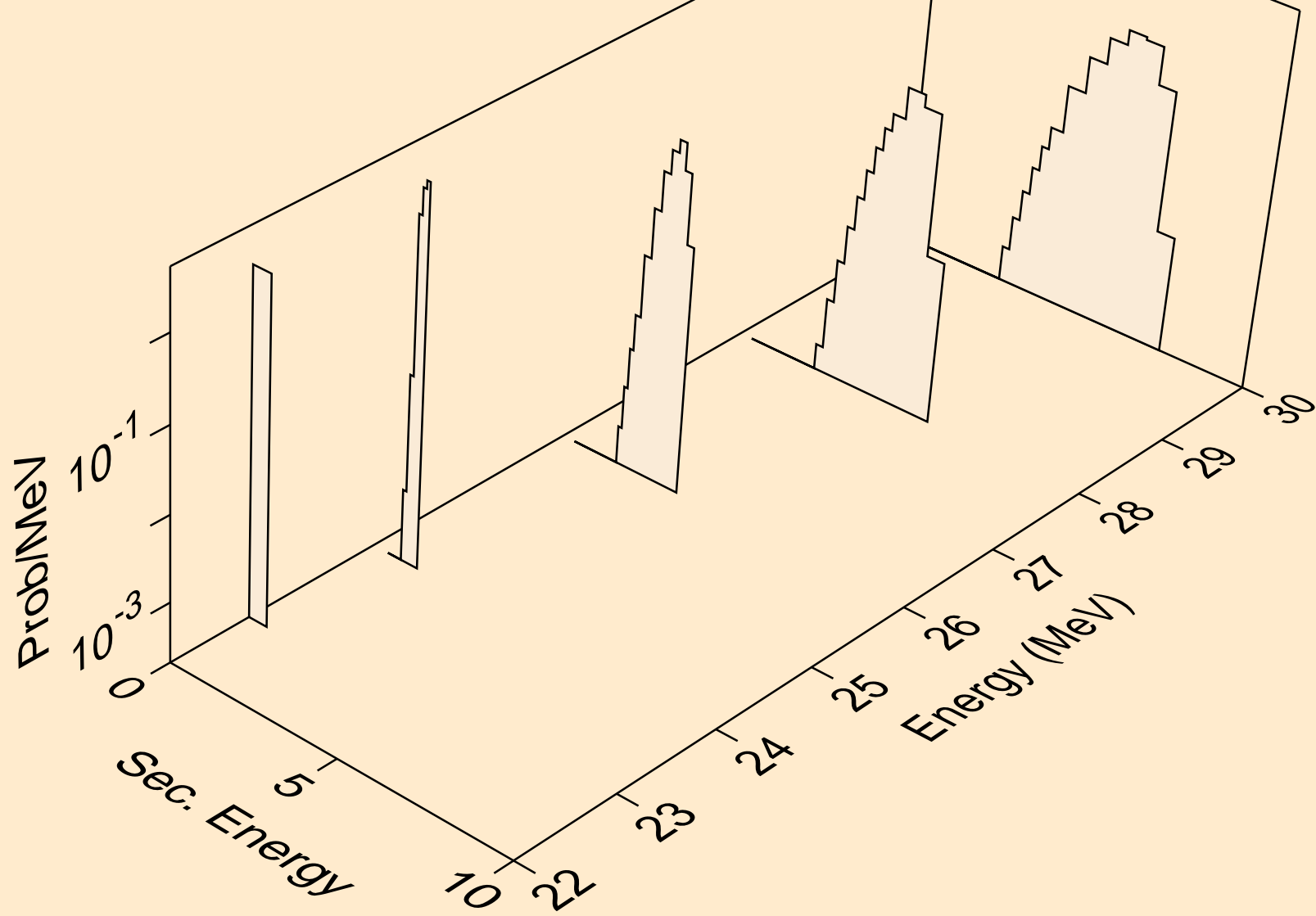
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protons from (n,p)



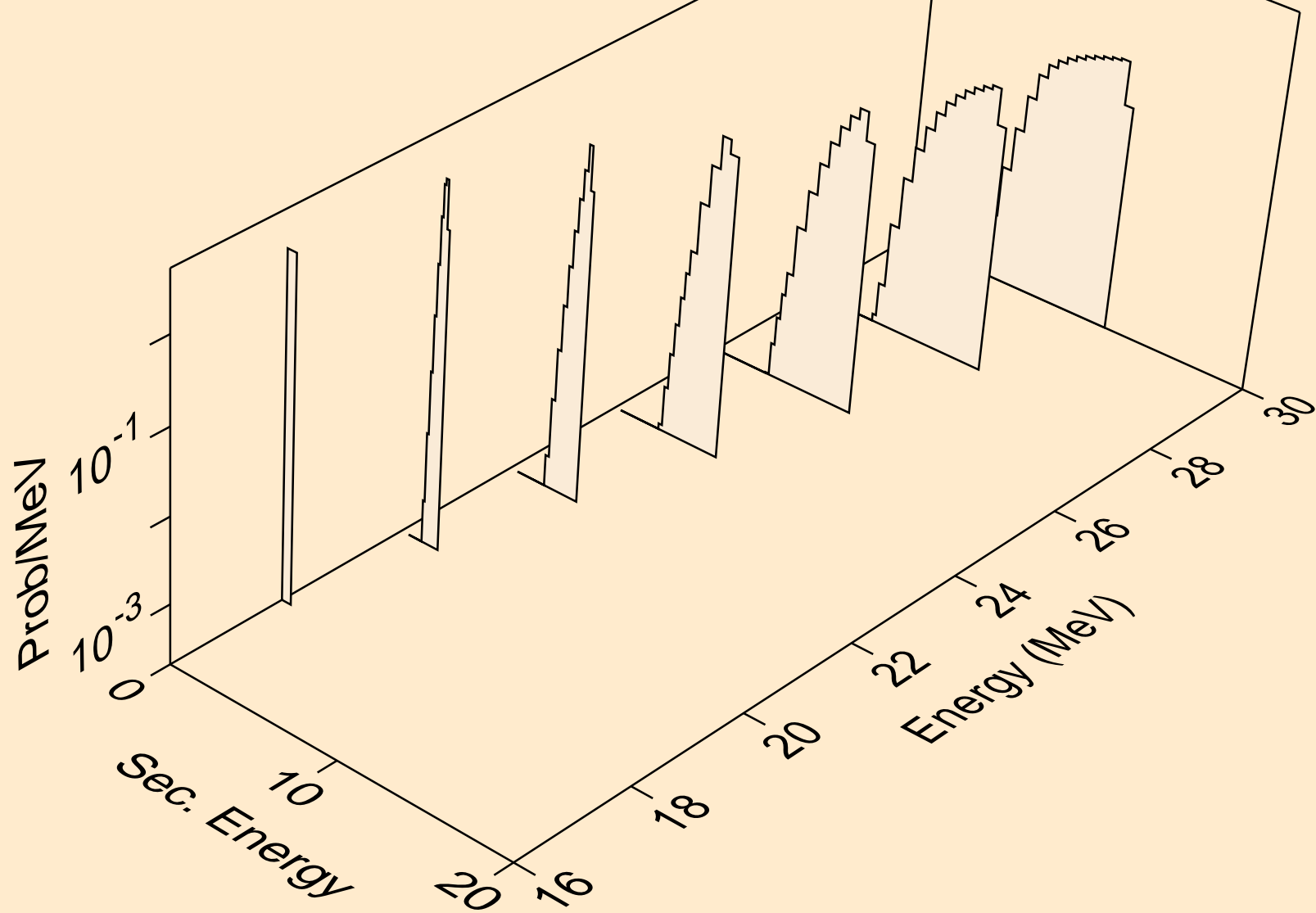
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

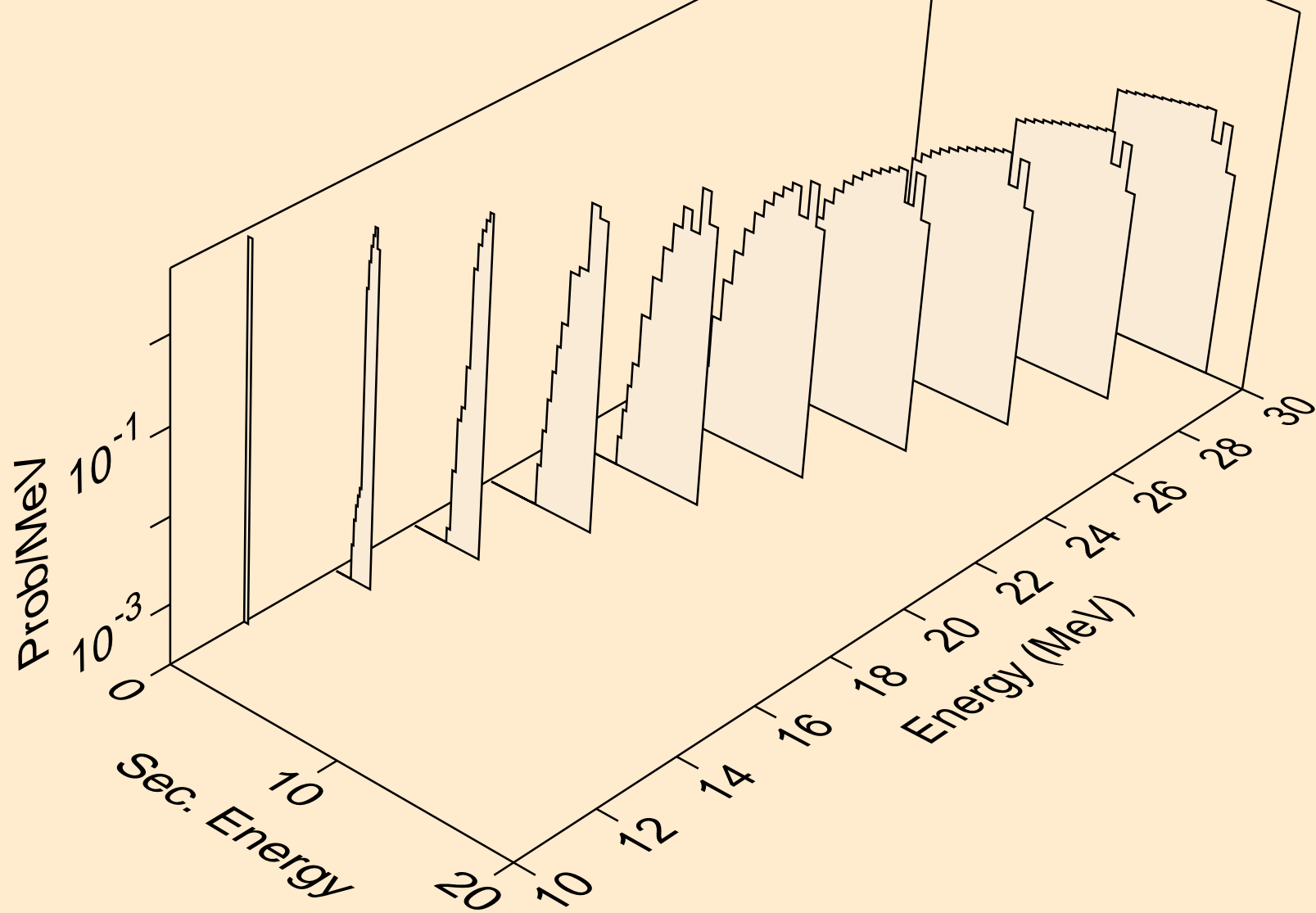


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

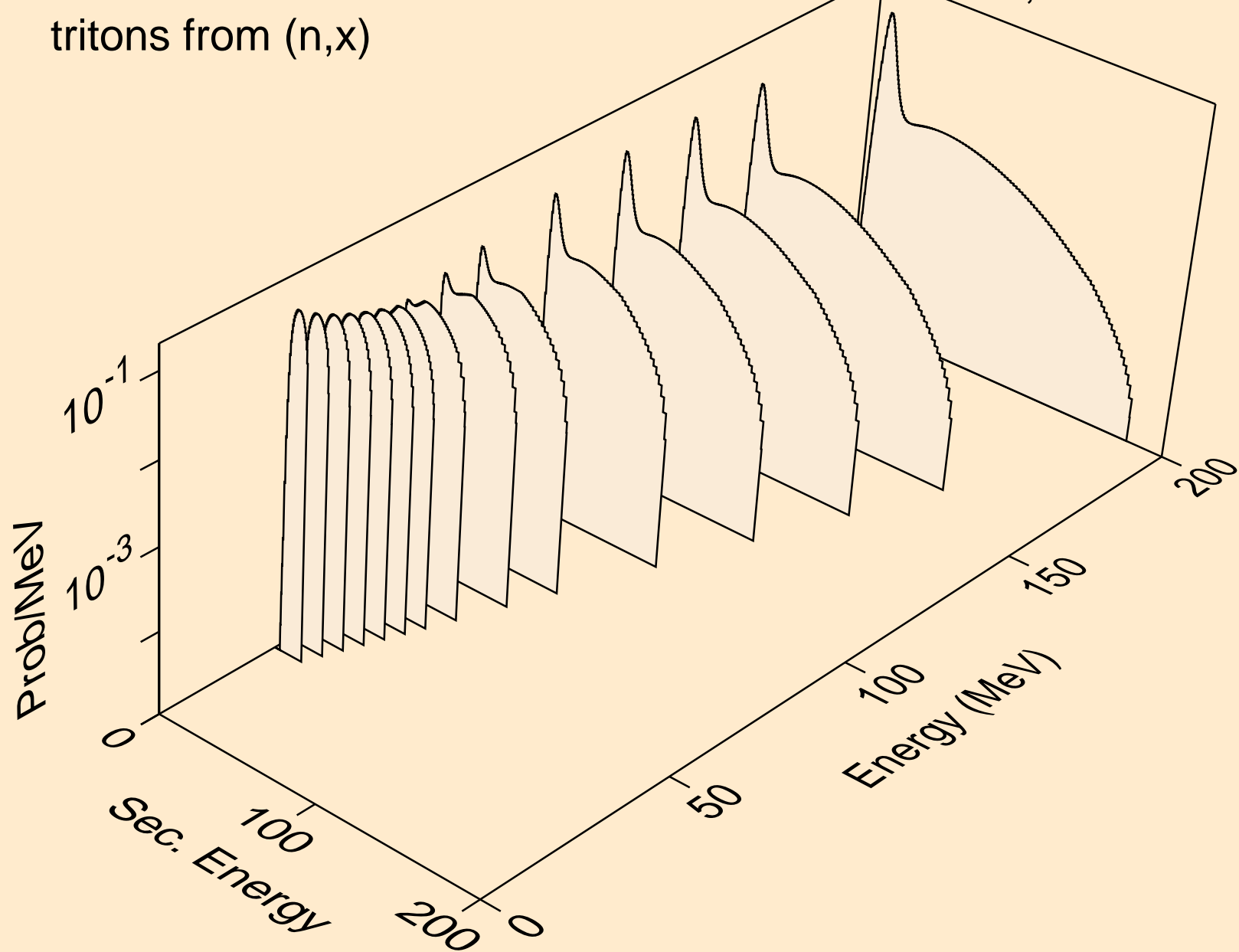




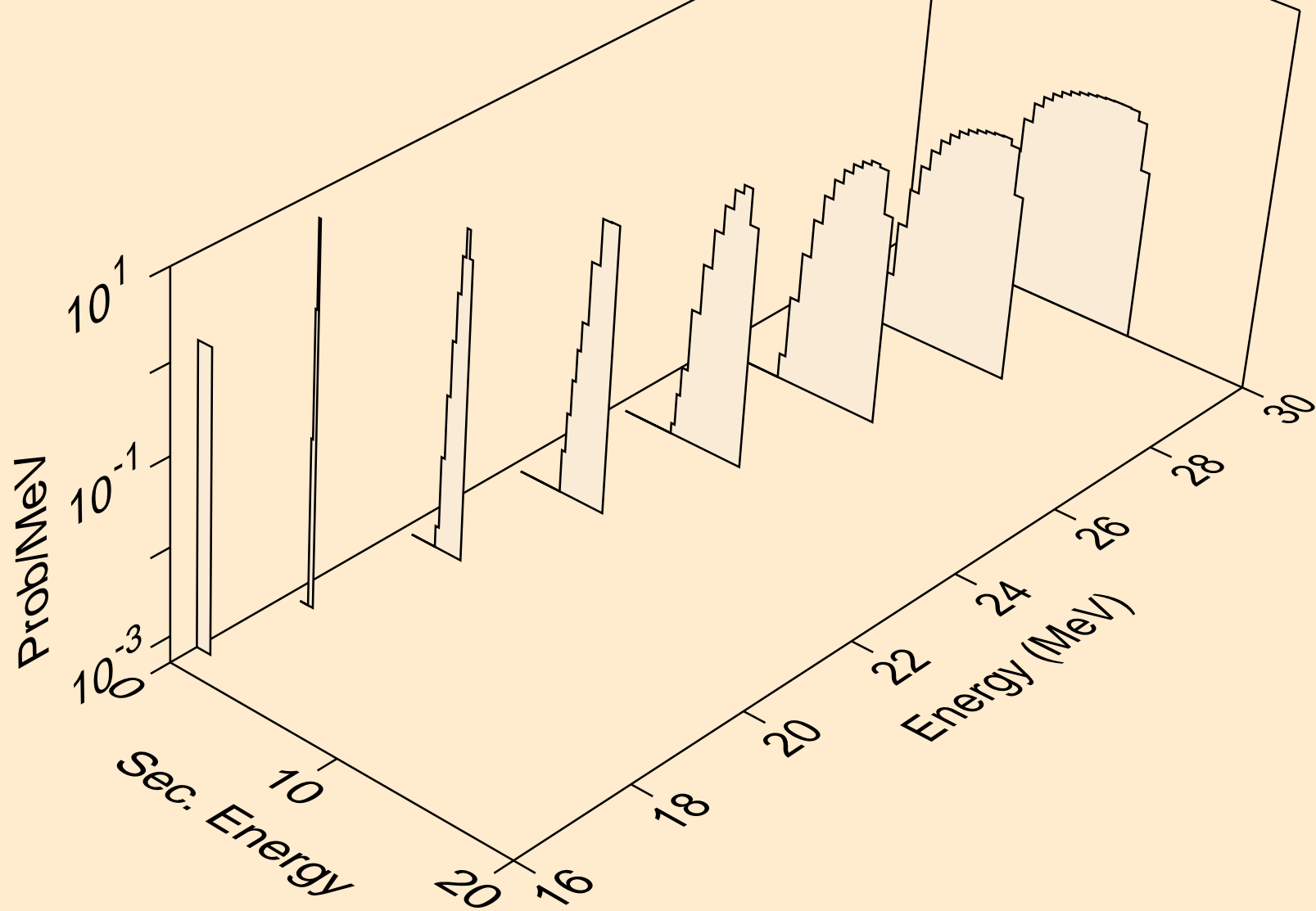
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deuterons from (n,d)



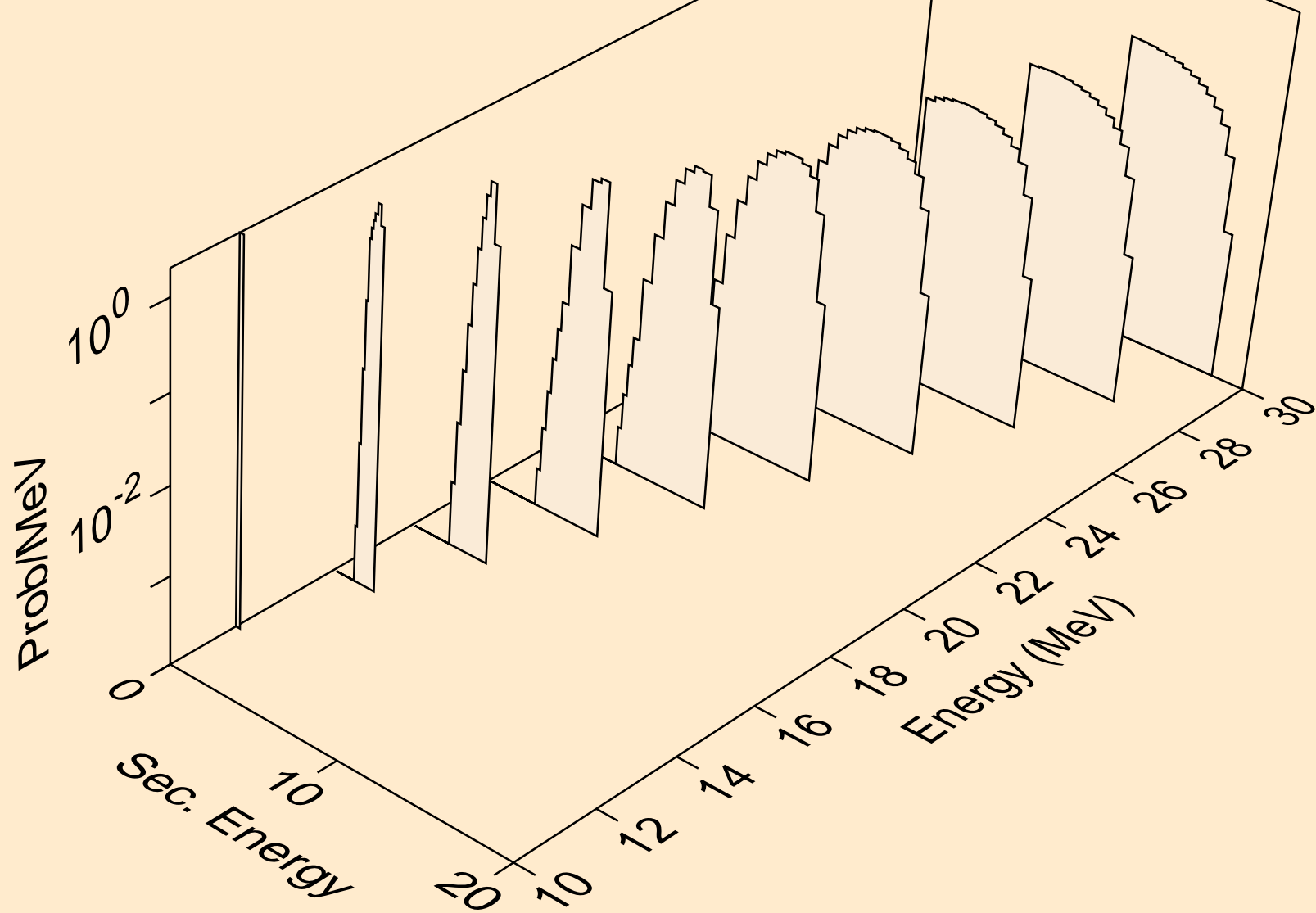
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



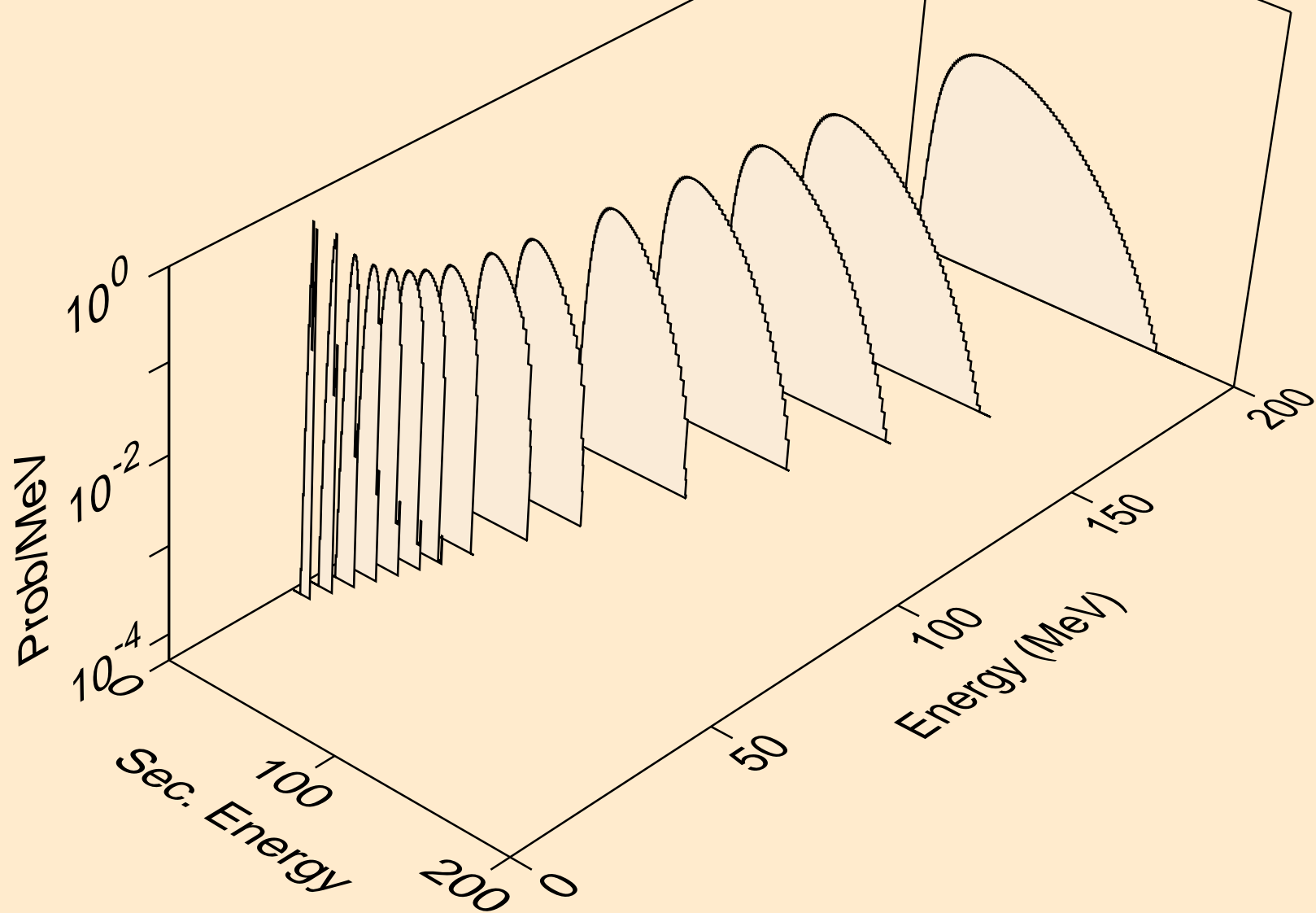
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



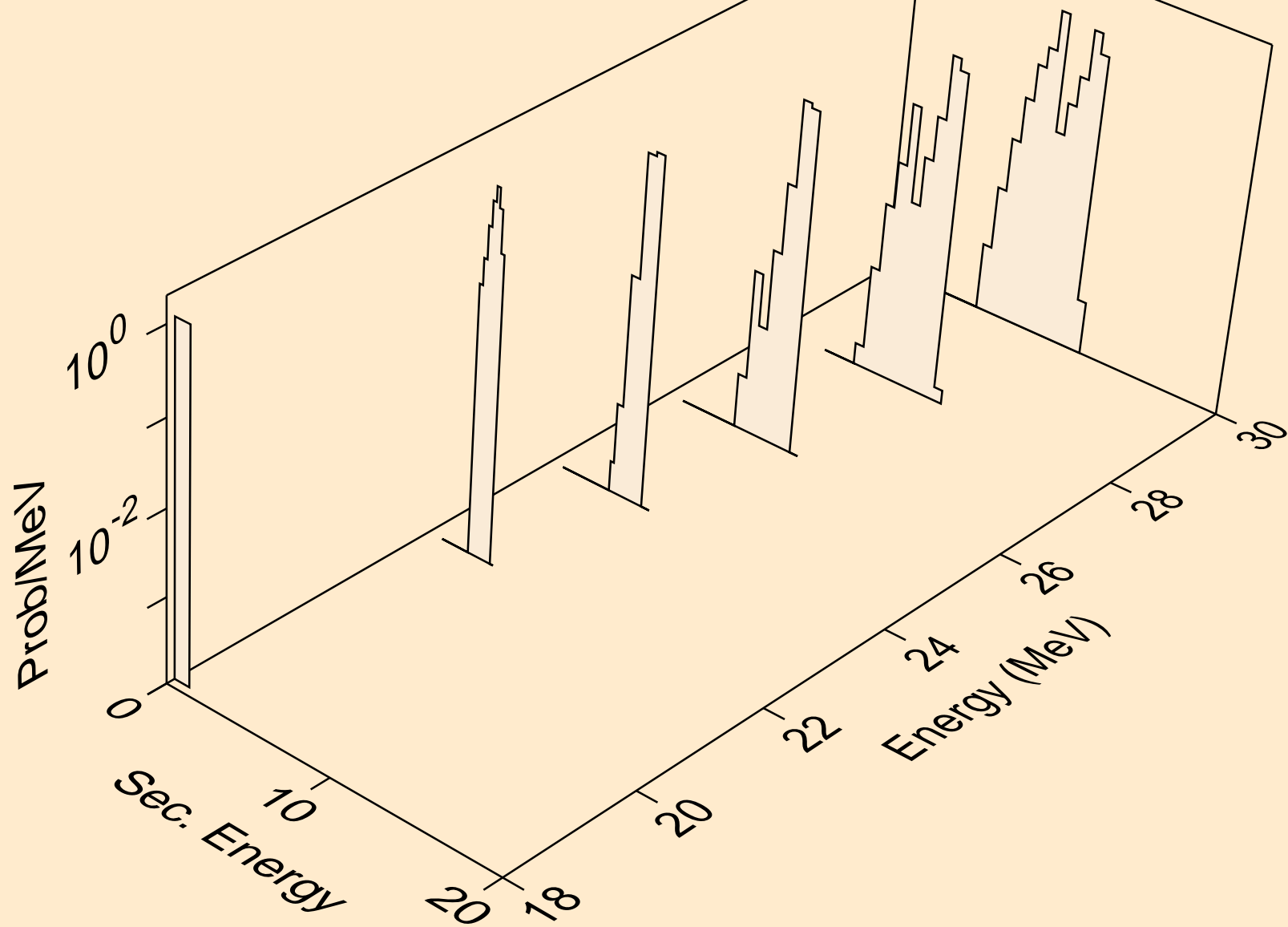
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tritons from (n,t)



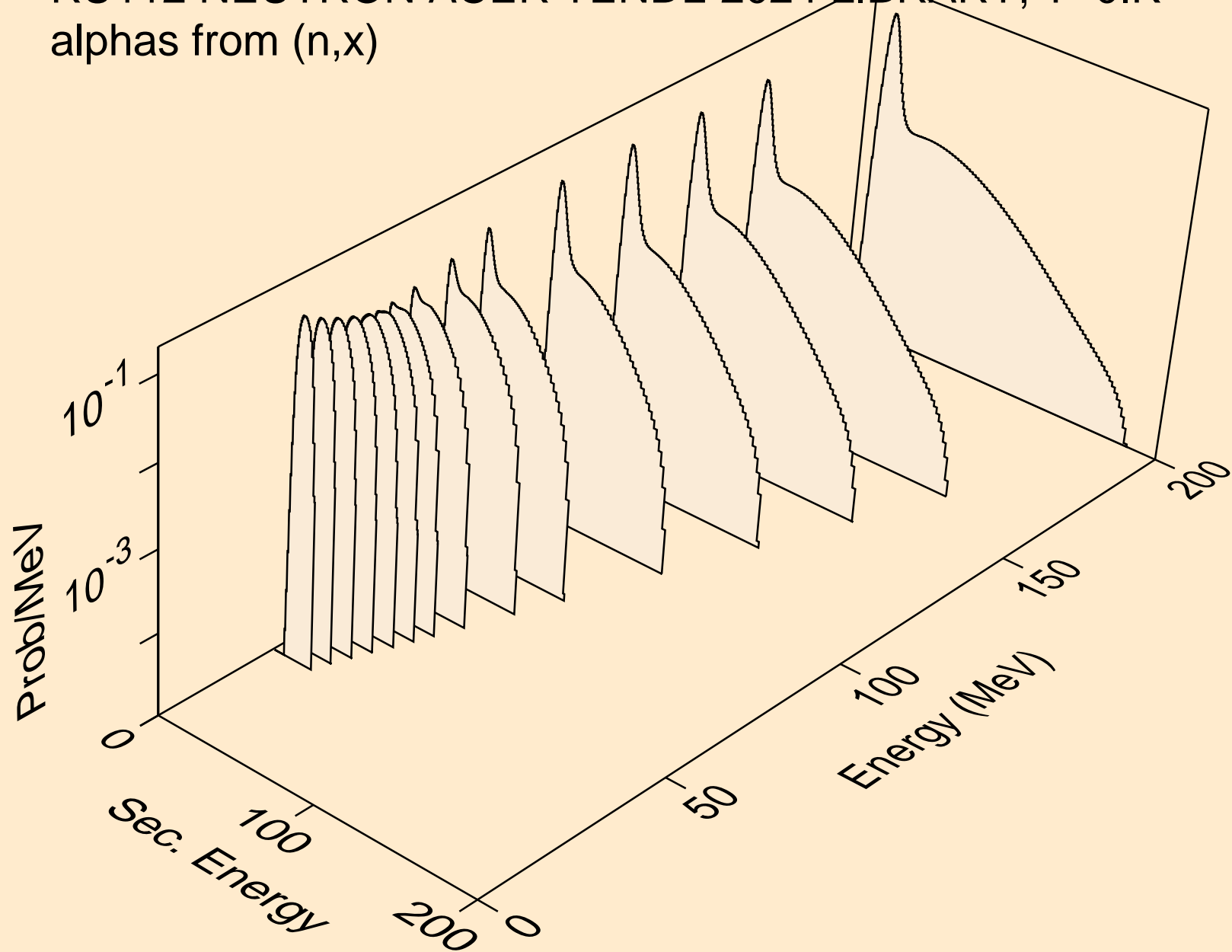
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



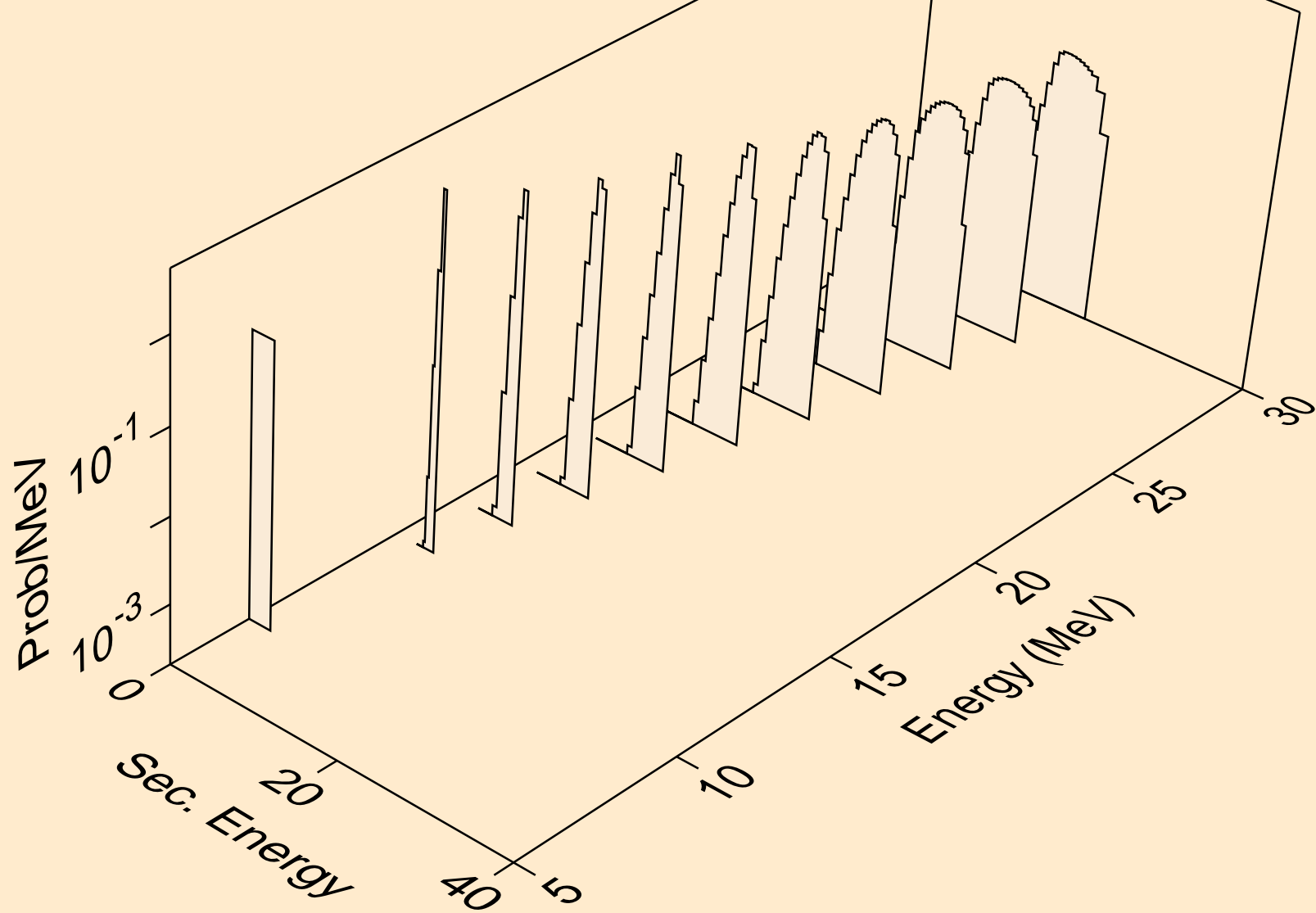
RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

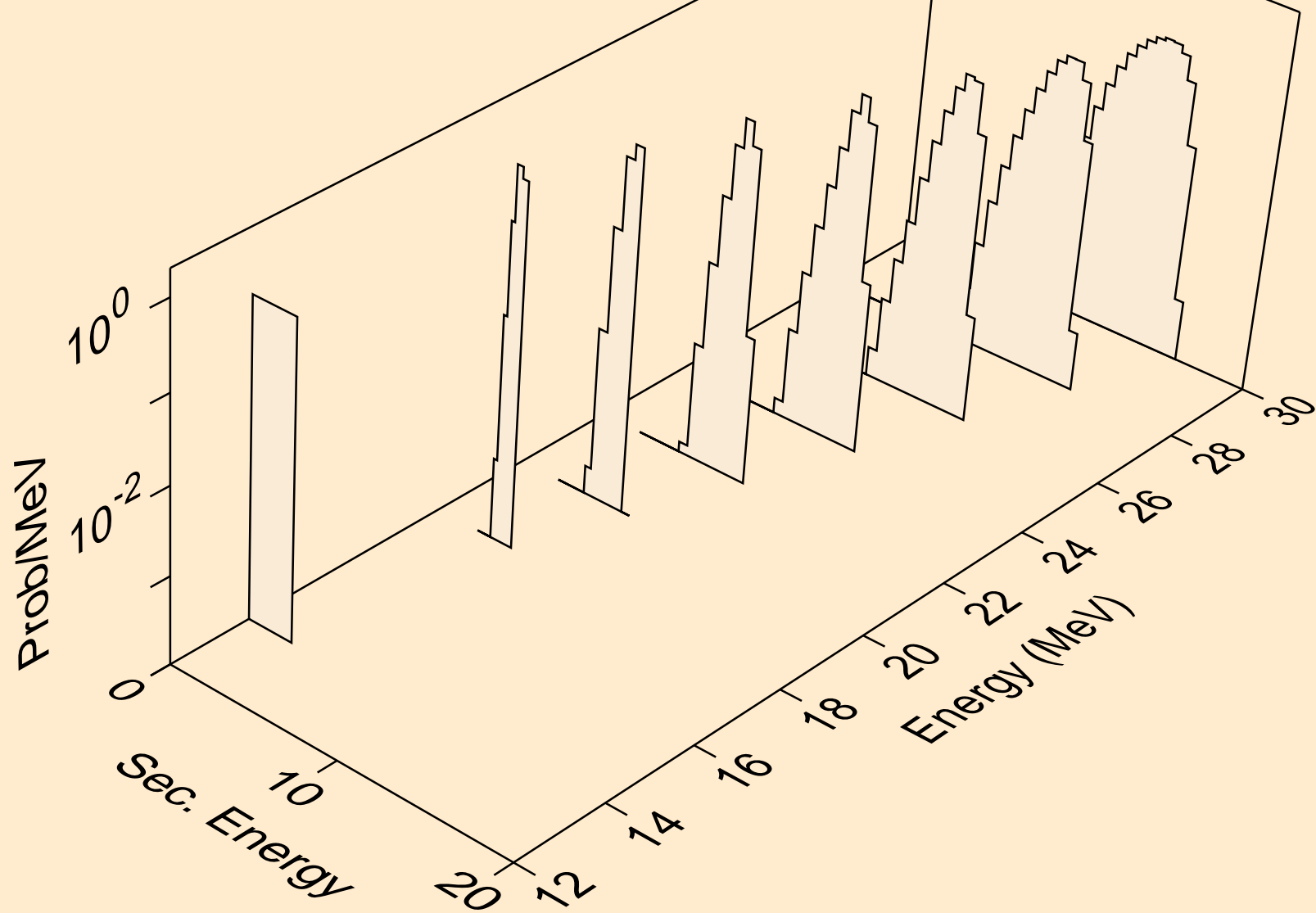


RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

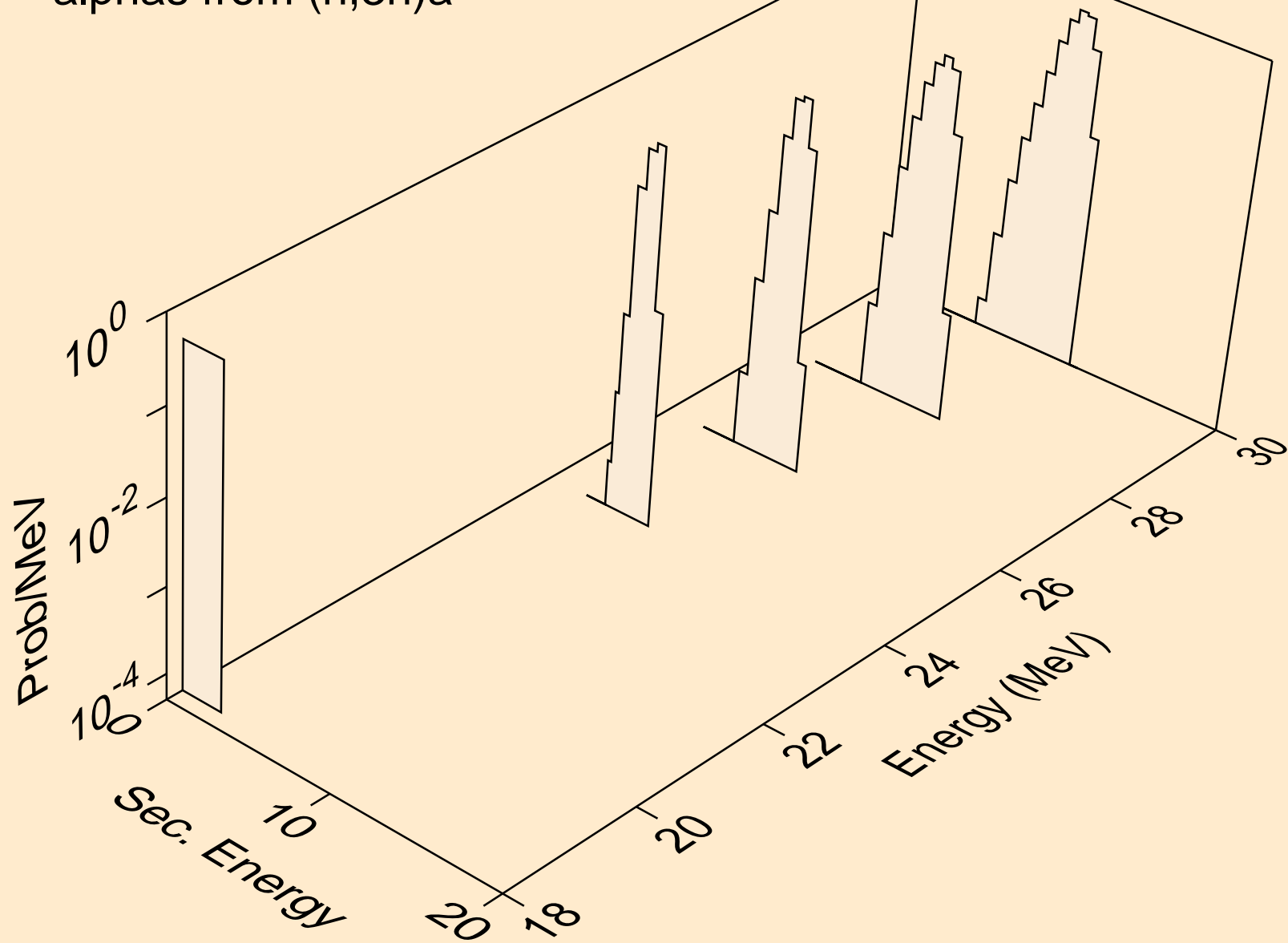




RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



RU112 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

