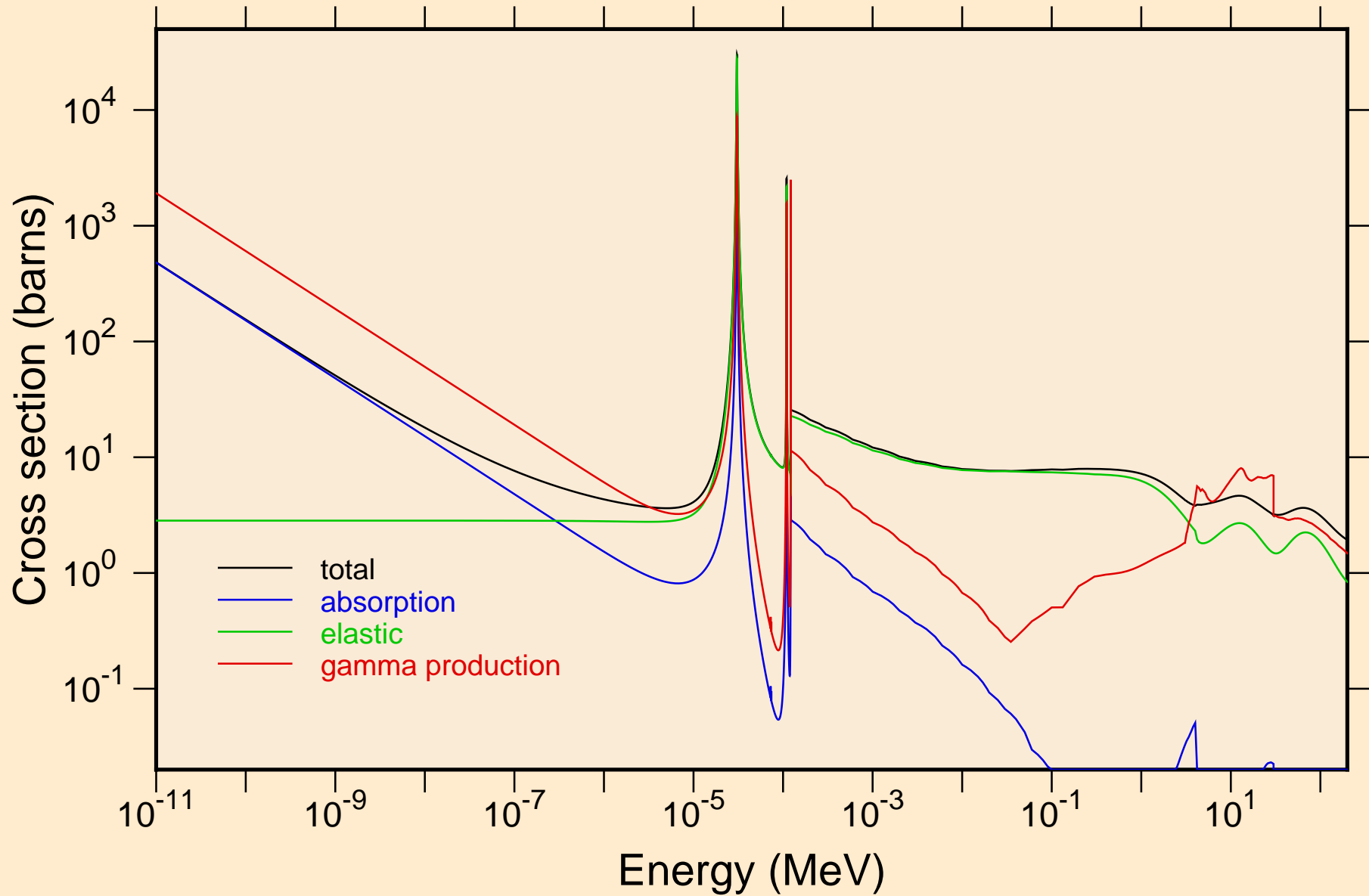
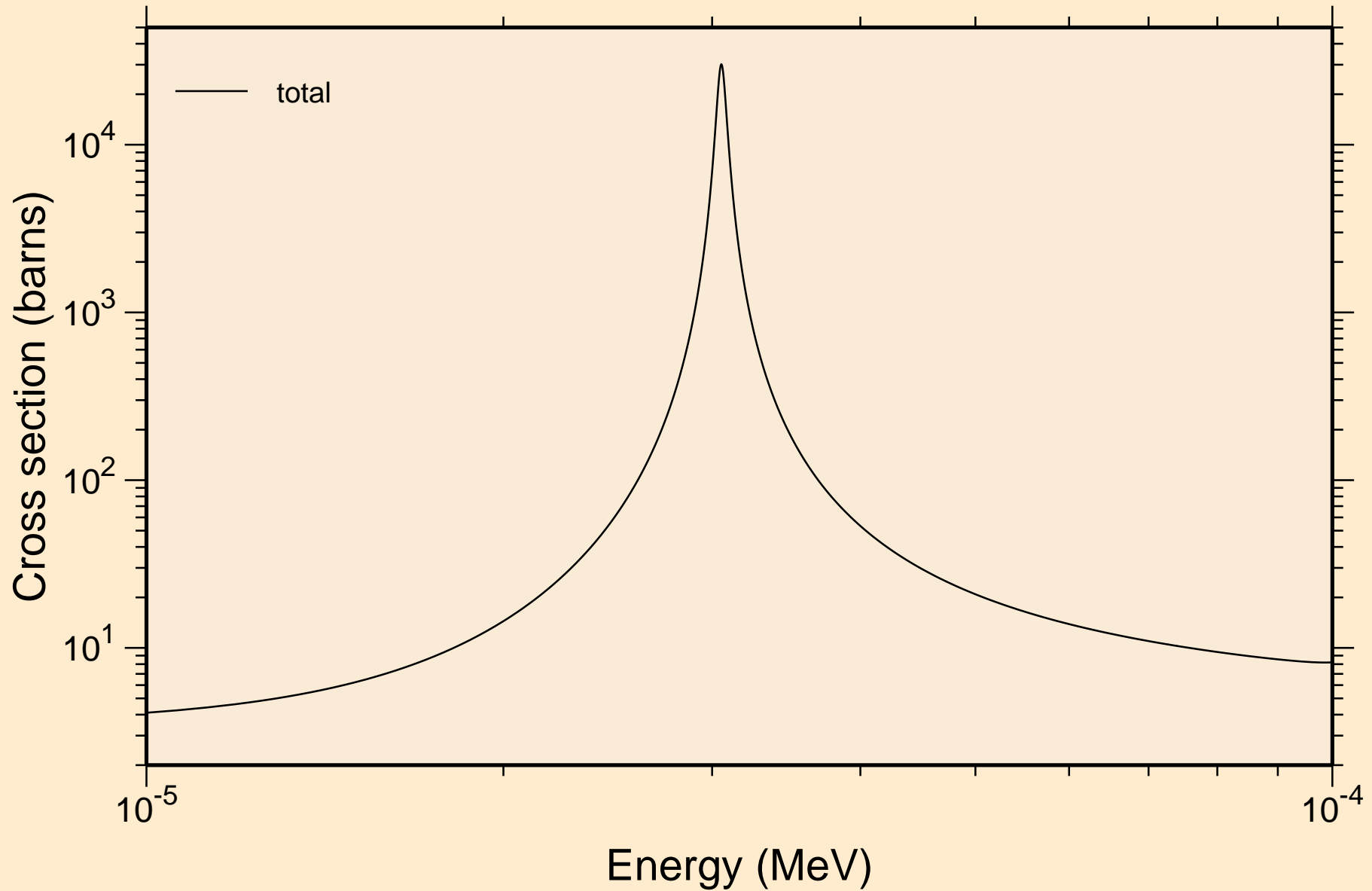


# PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

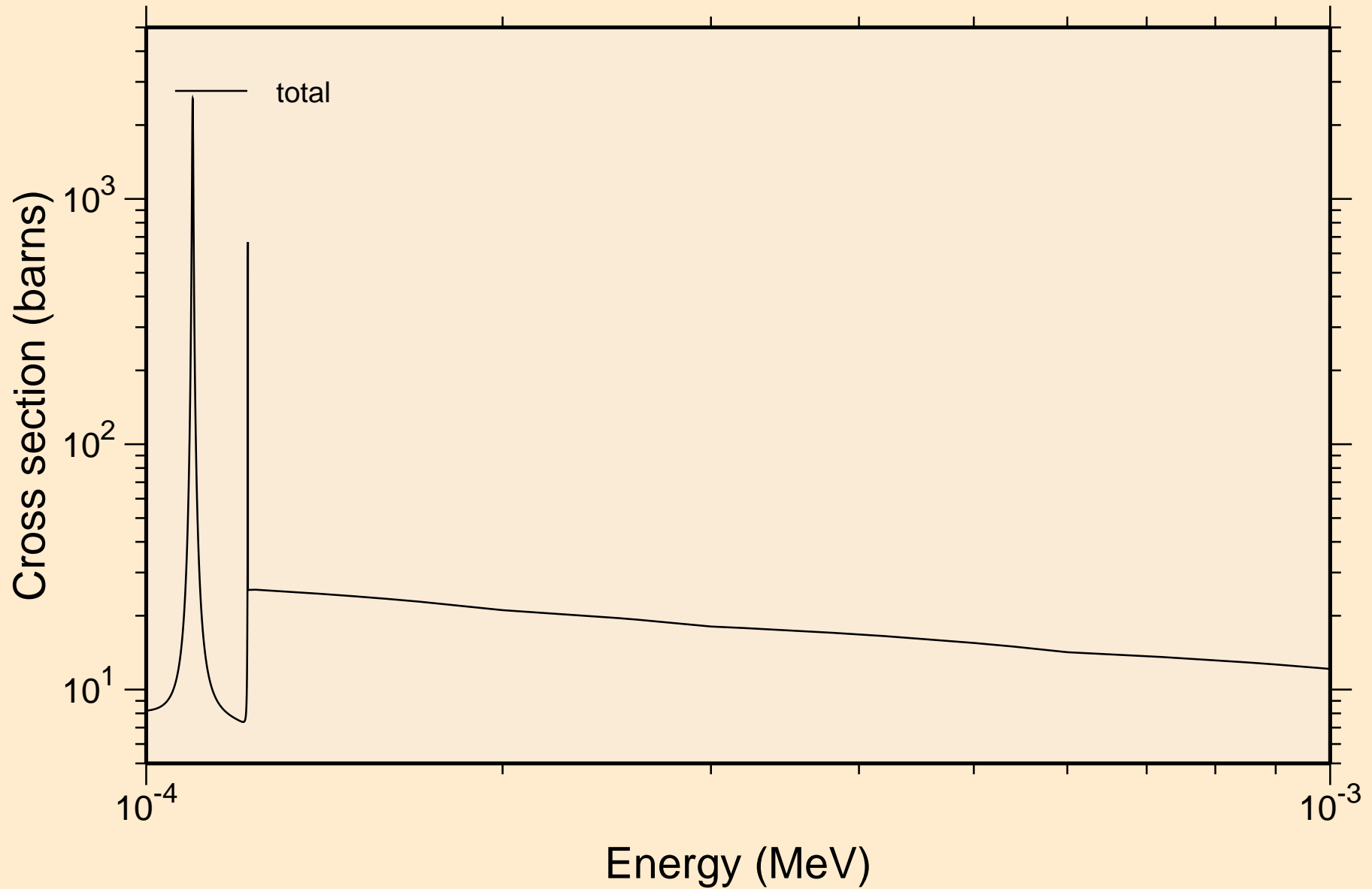
## Principal cross sections



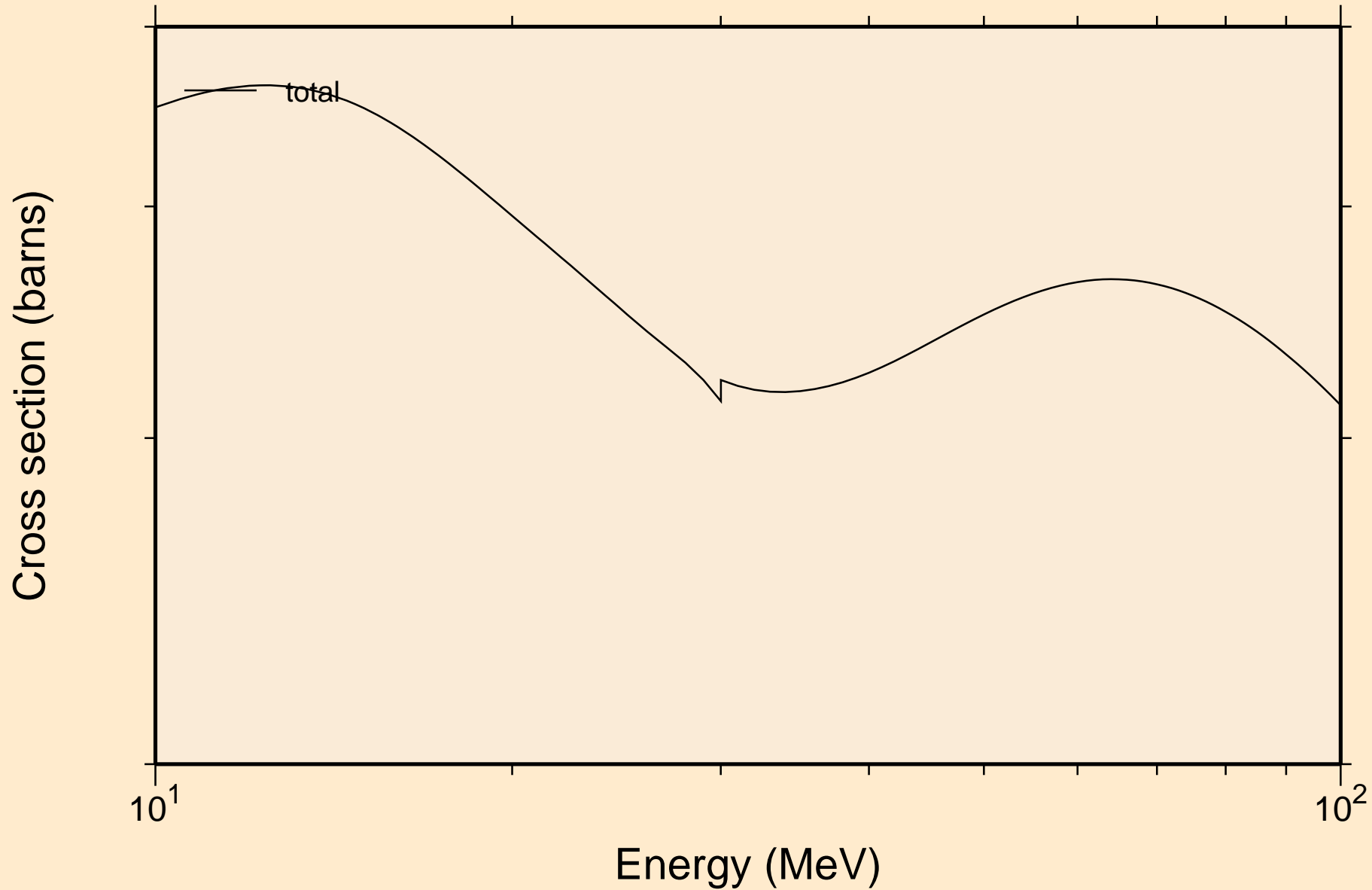
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



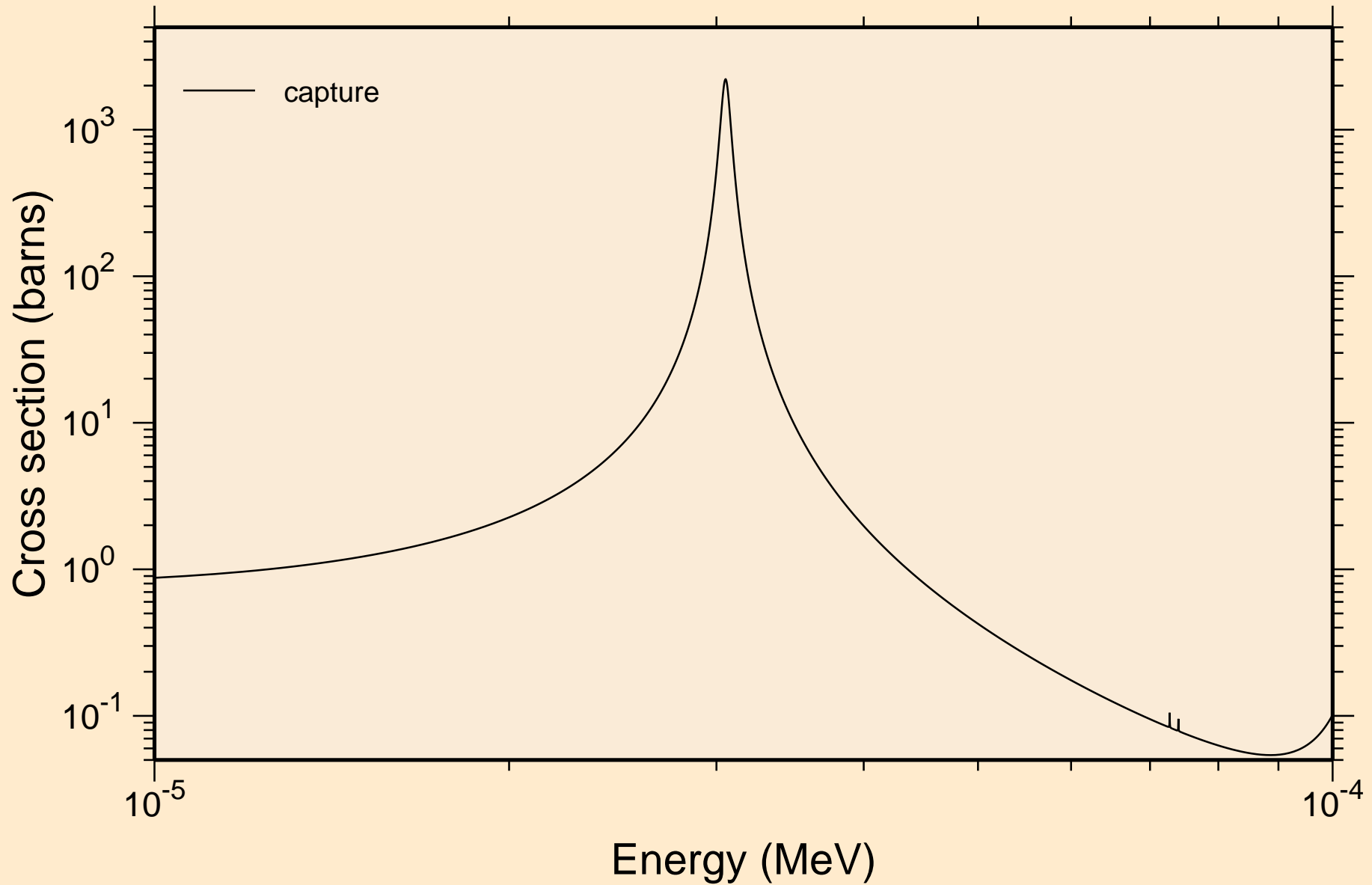
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



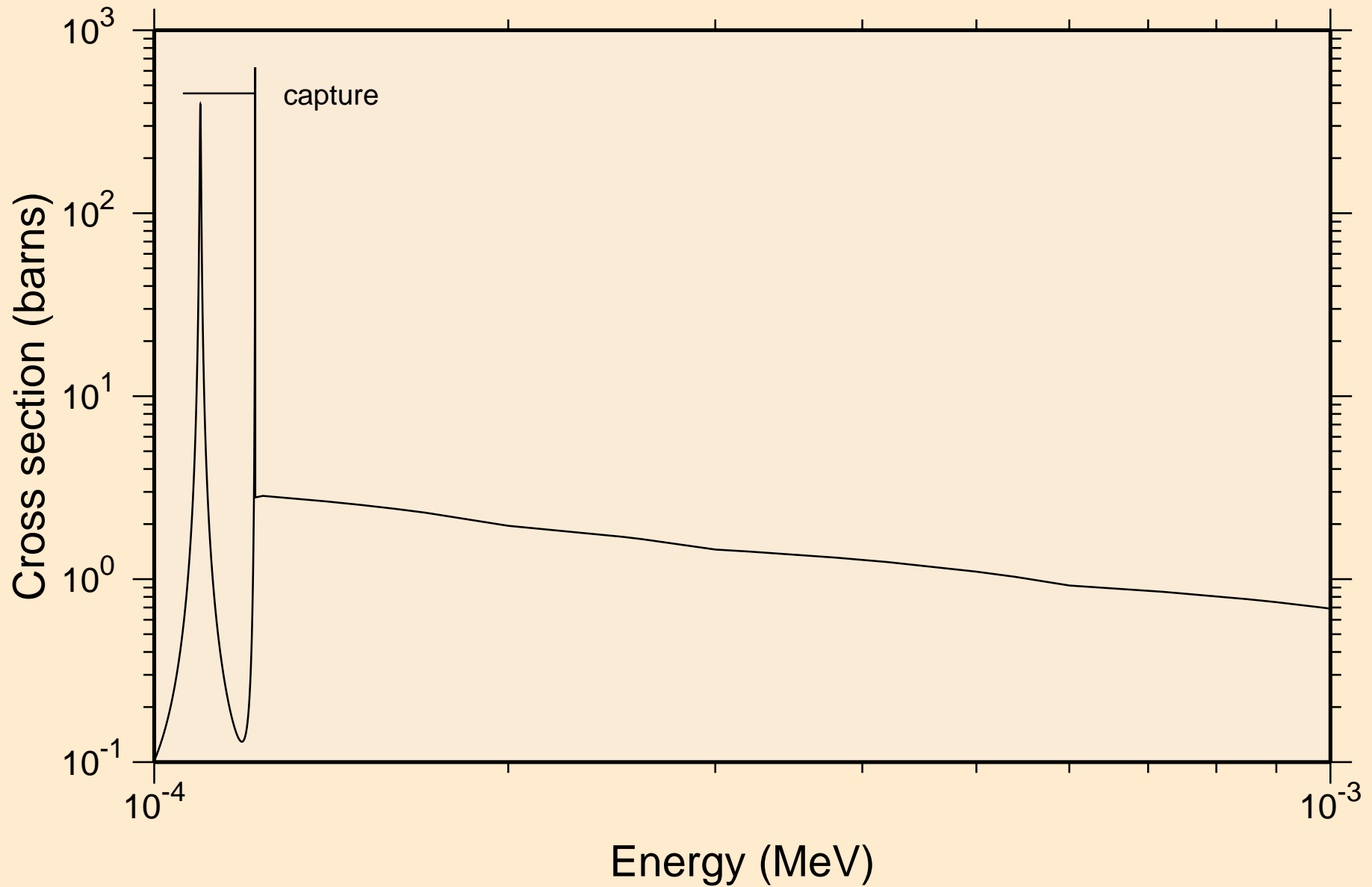
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



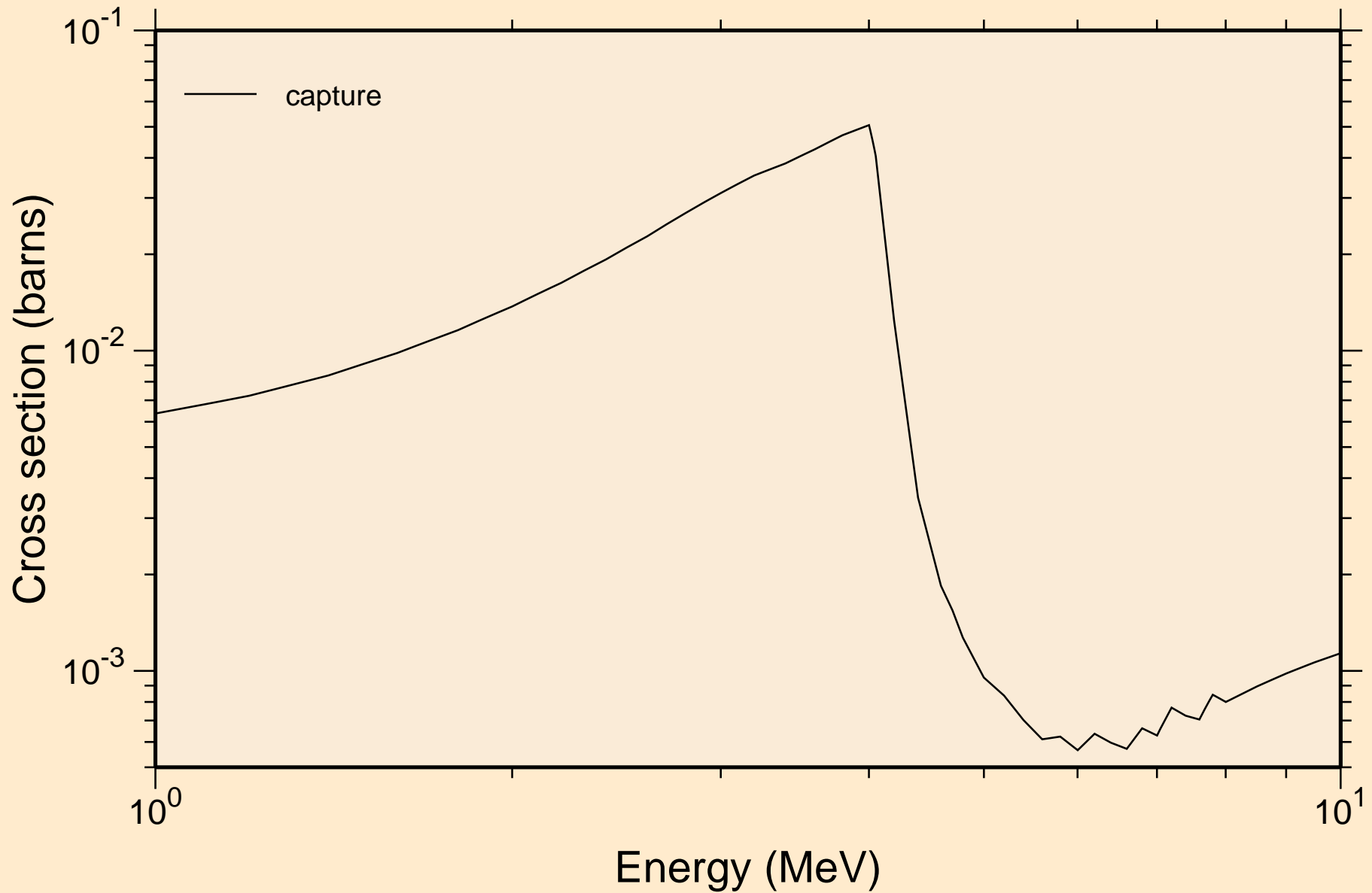
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

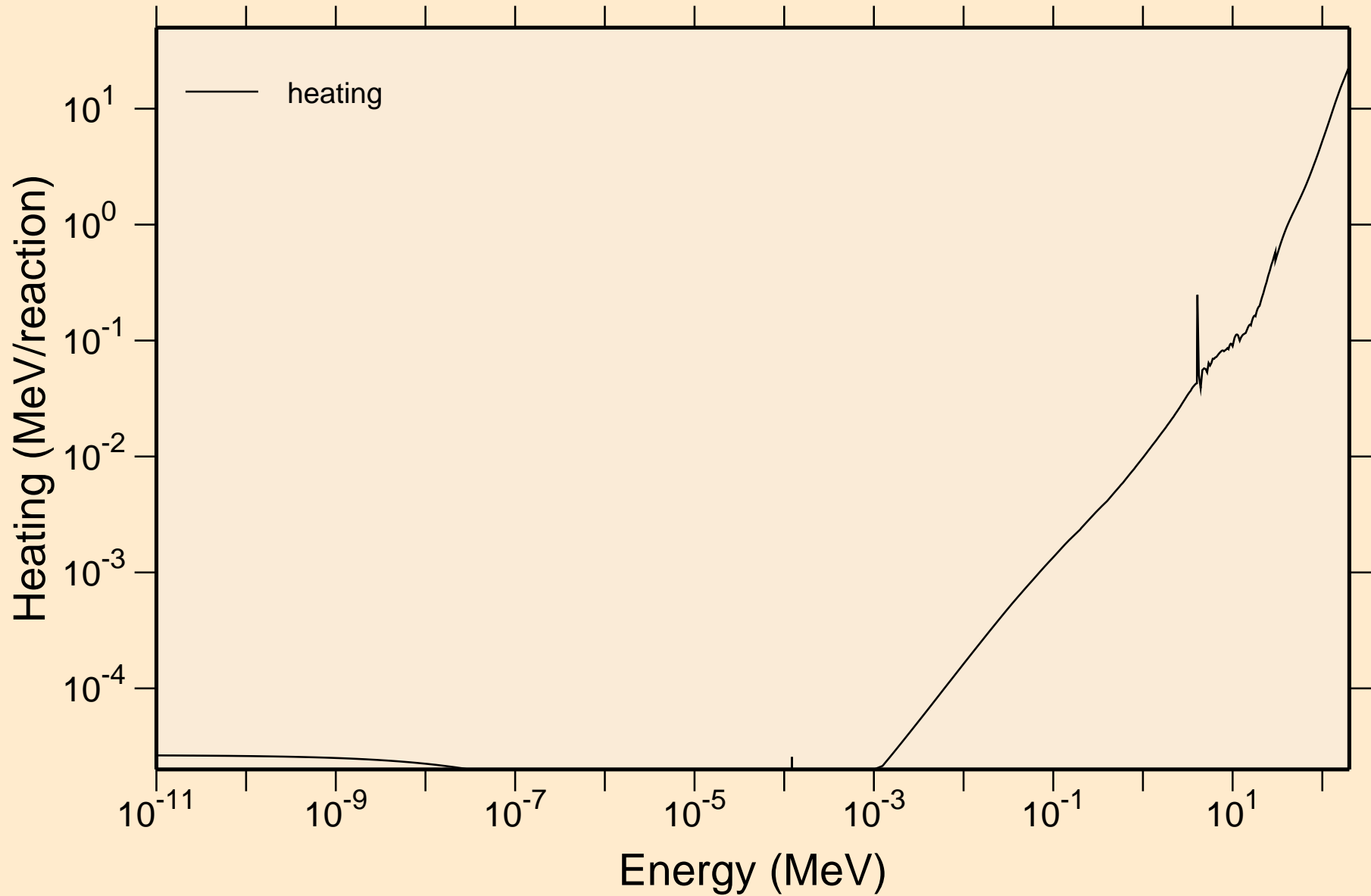


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



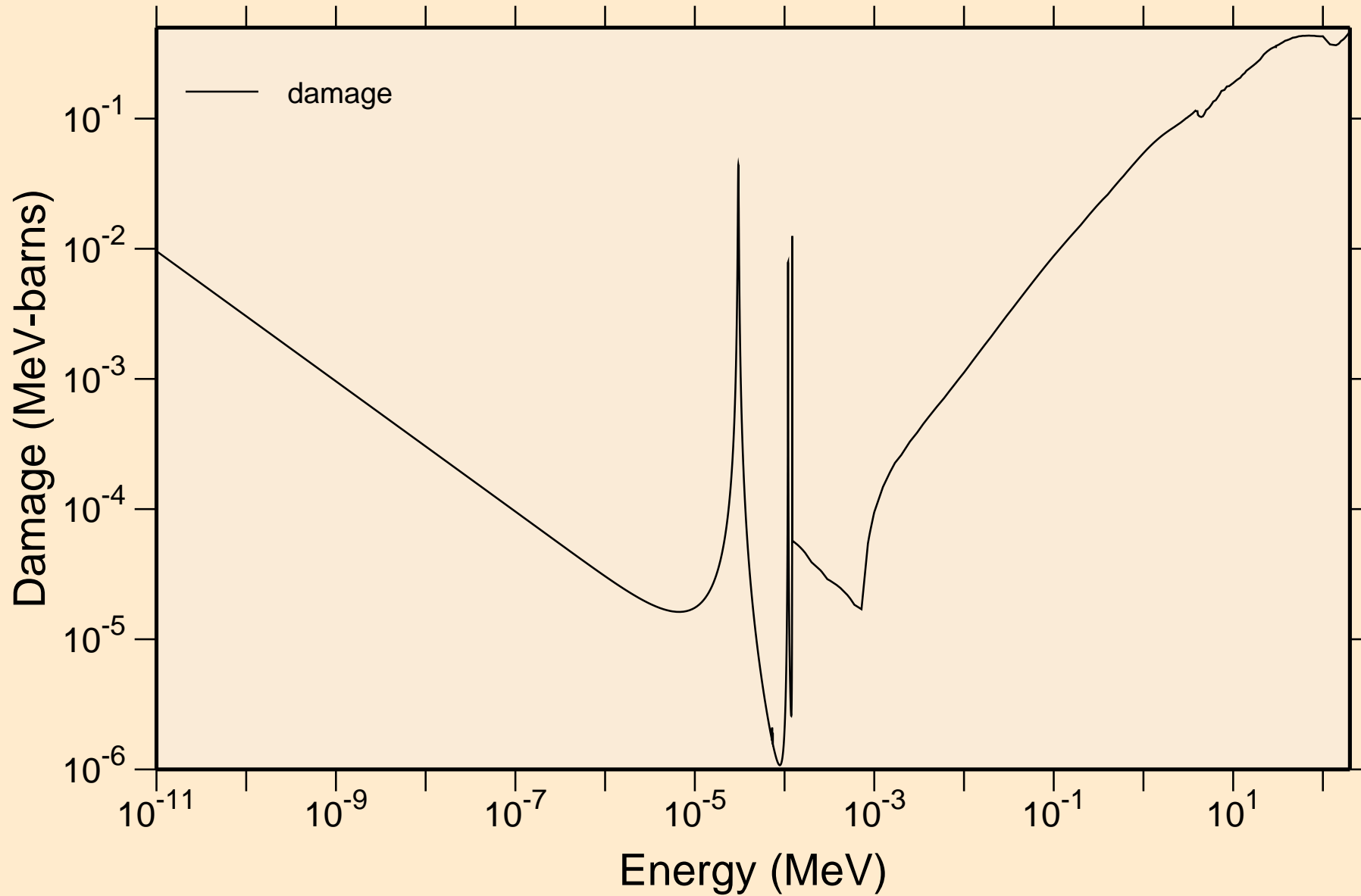
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## Heating

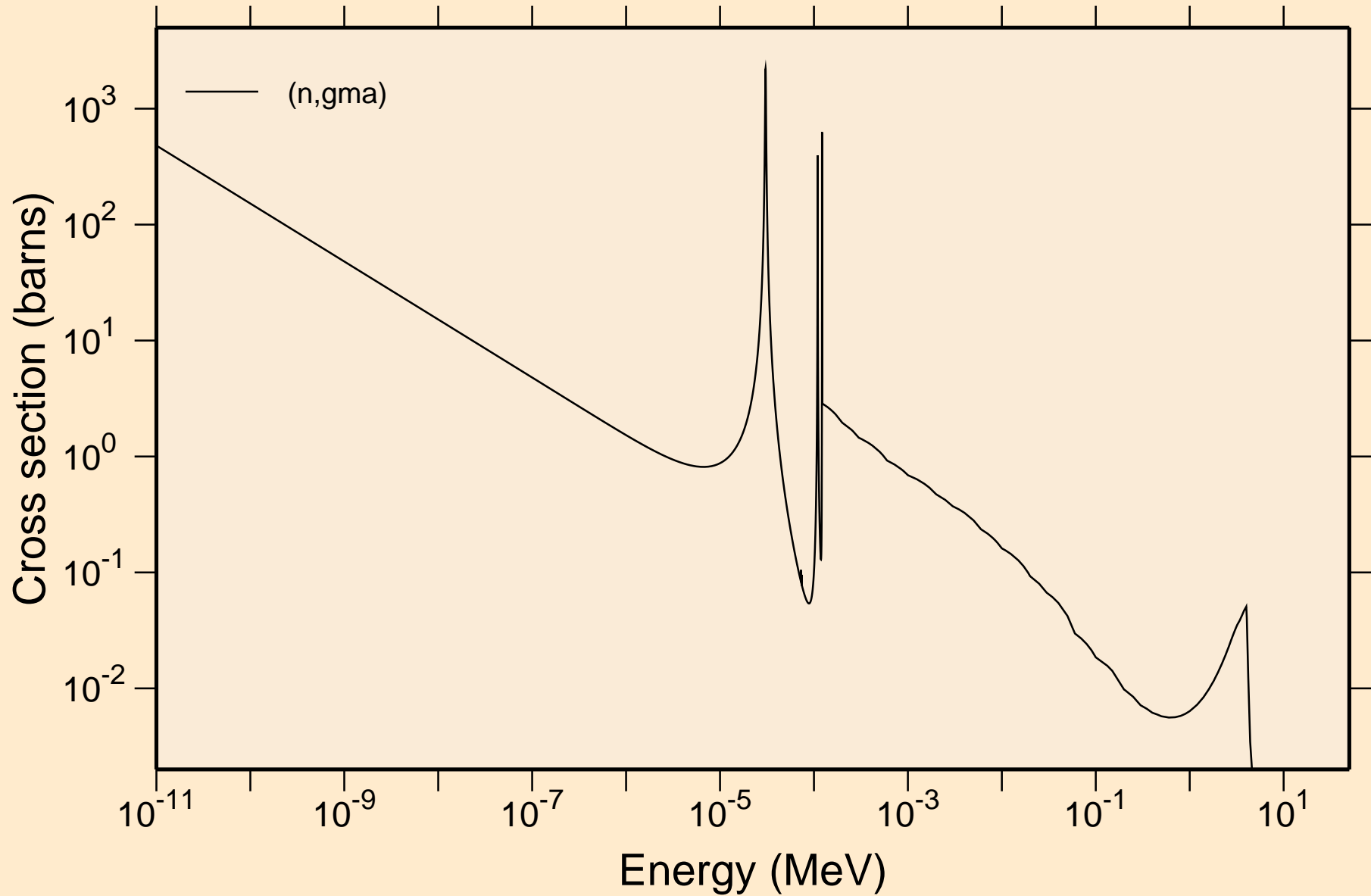




PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

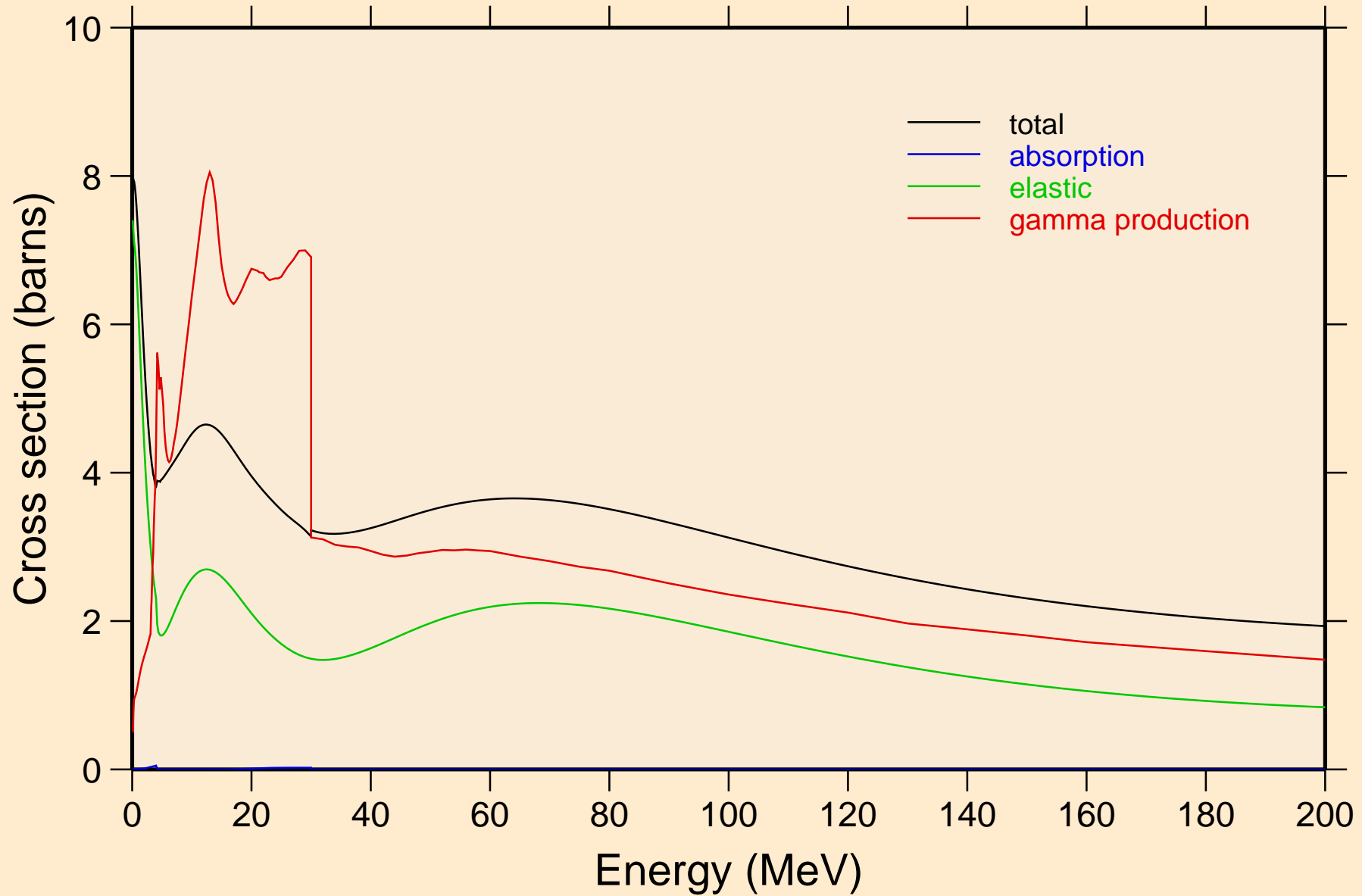


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



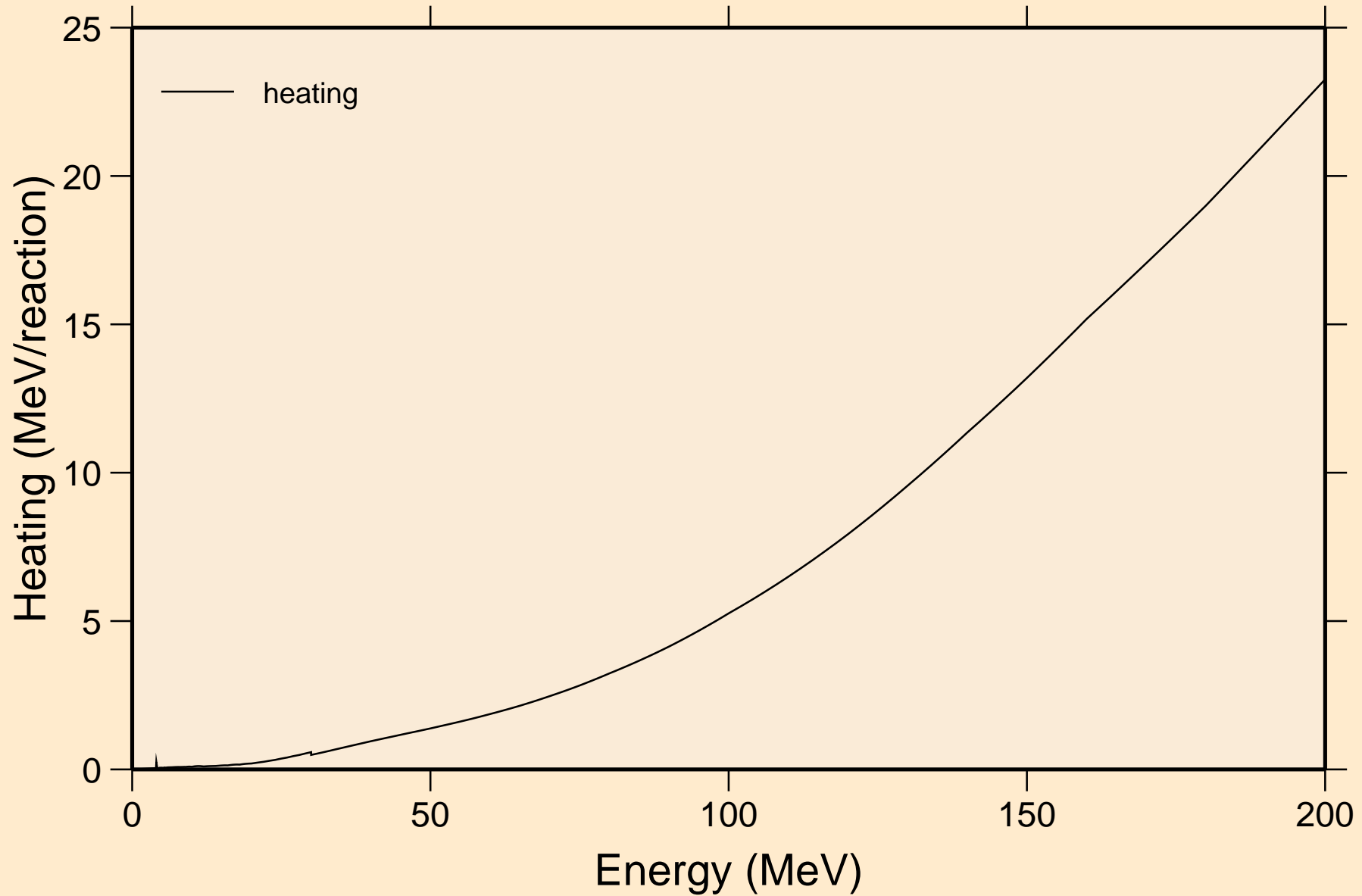
# PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



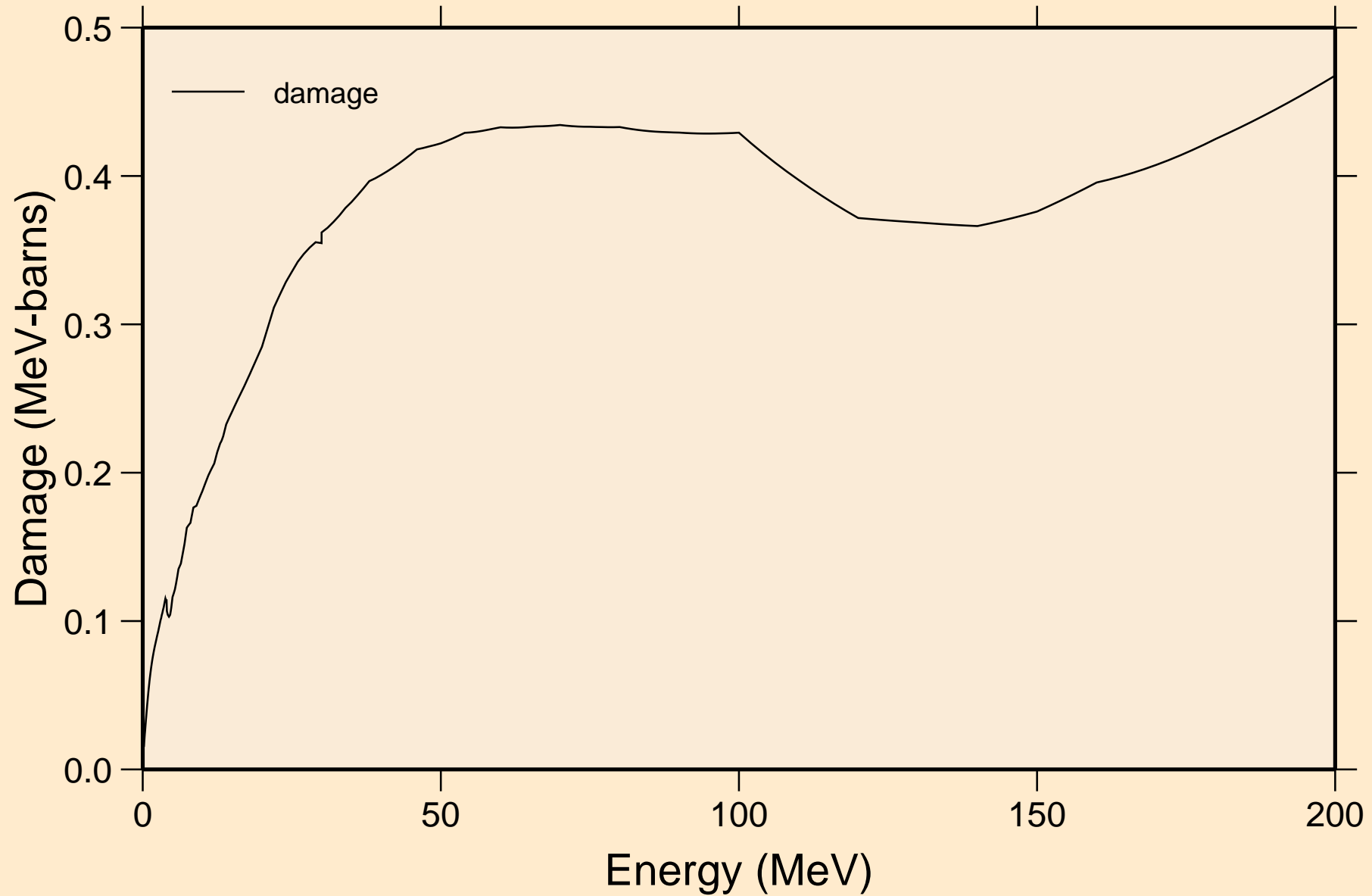
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## Heating

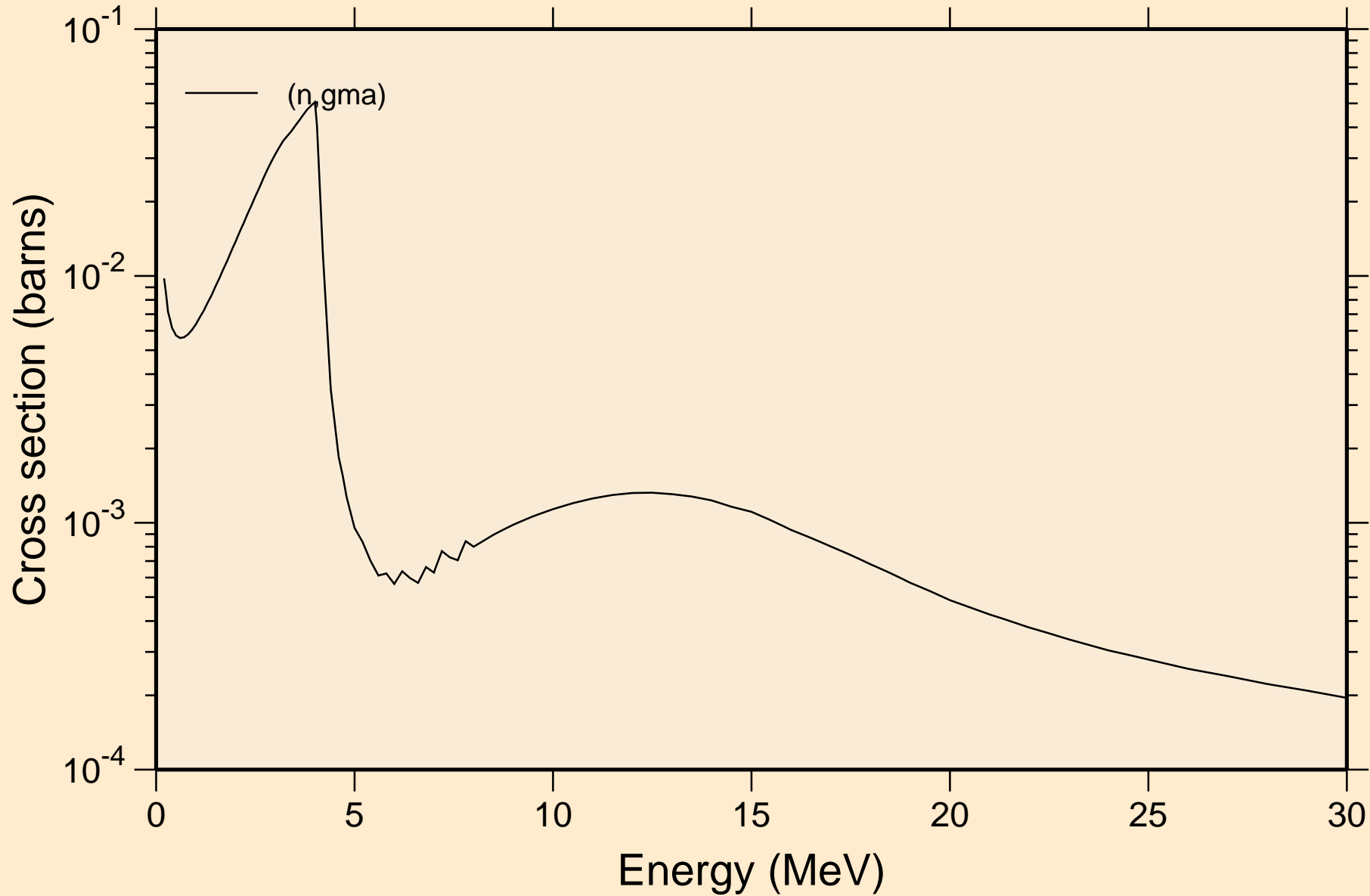


# PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

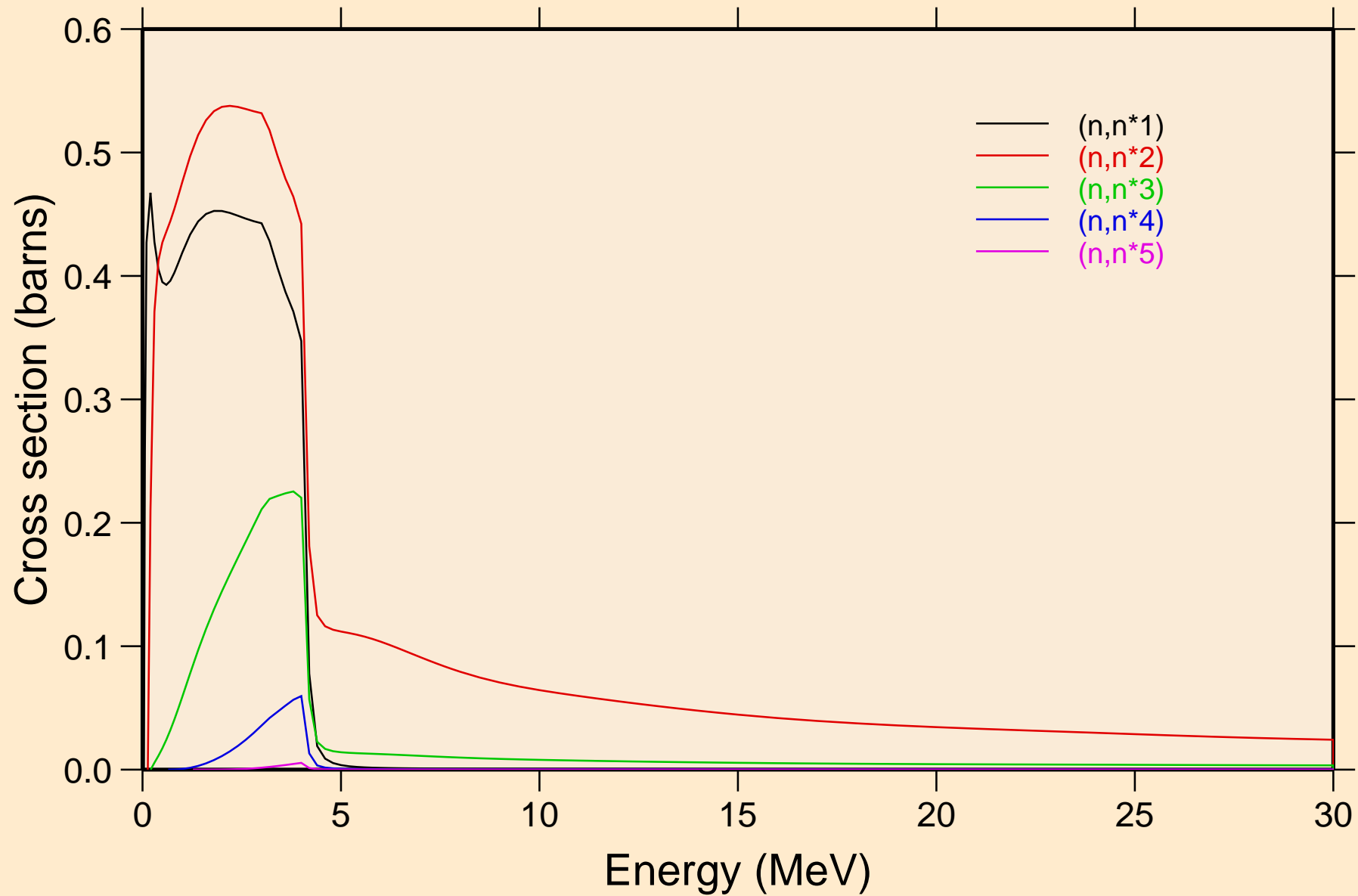
## Damage



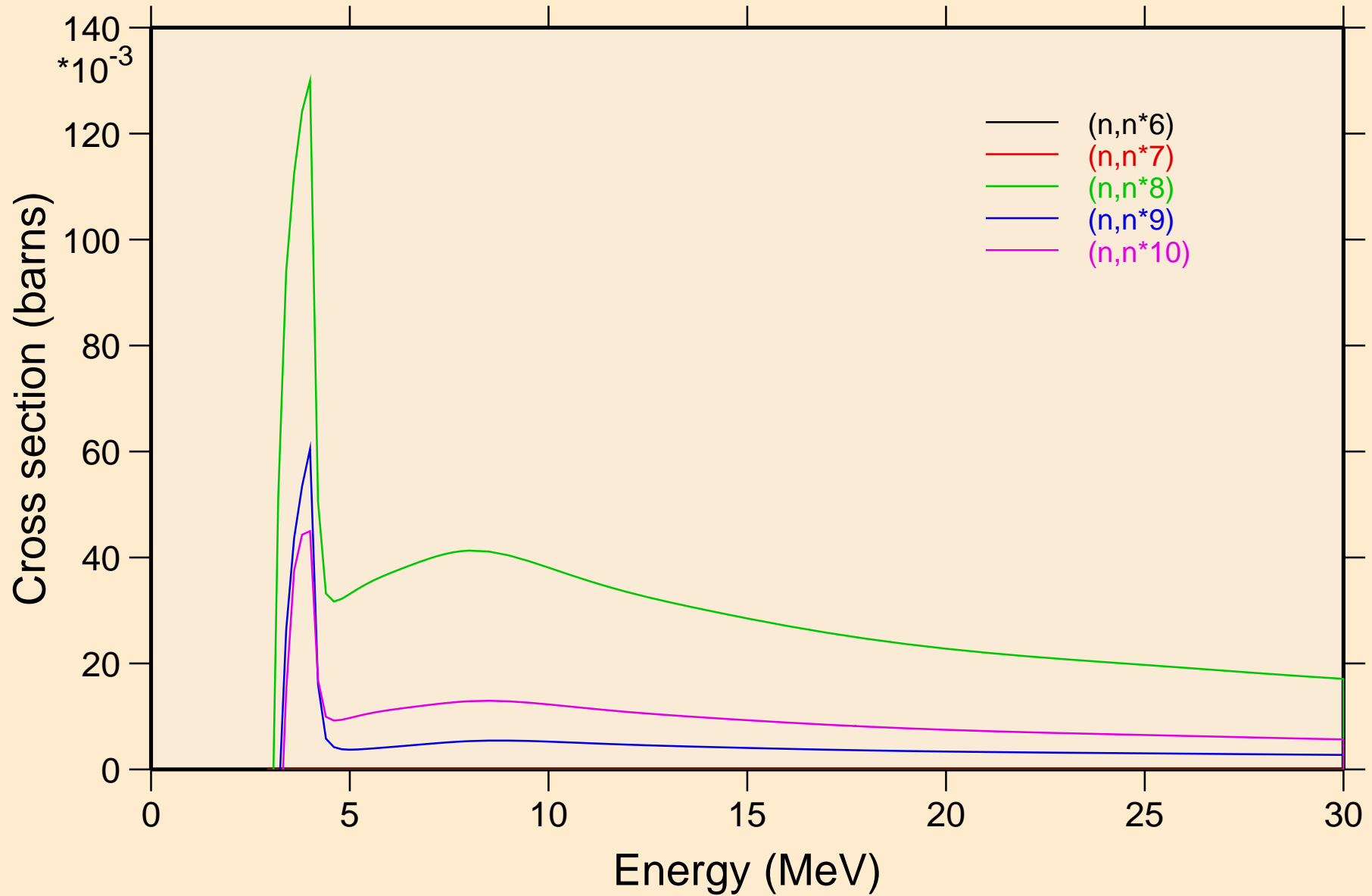
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

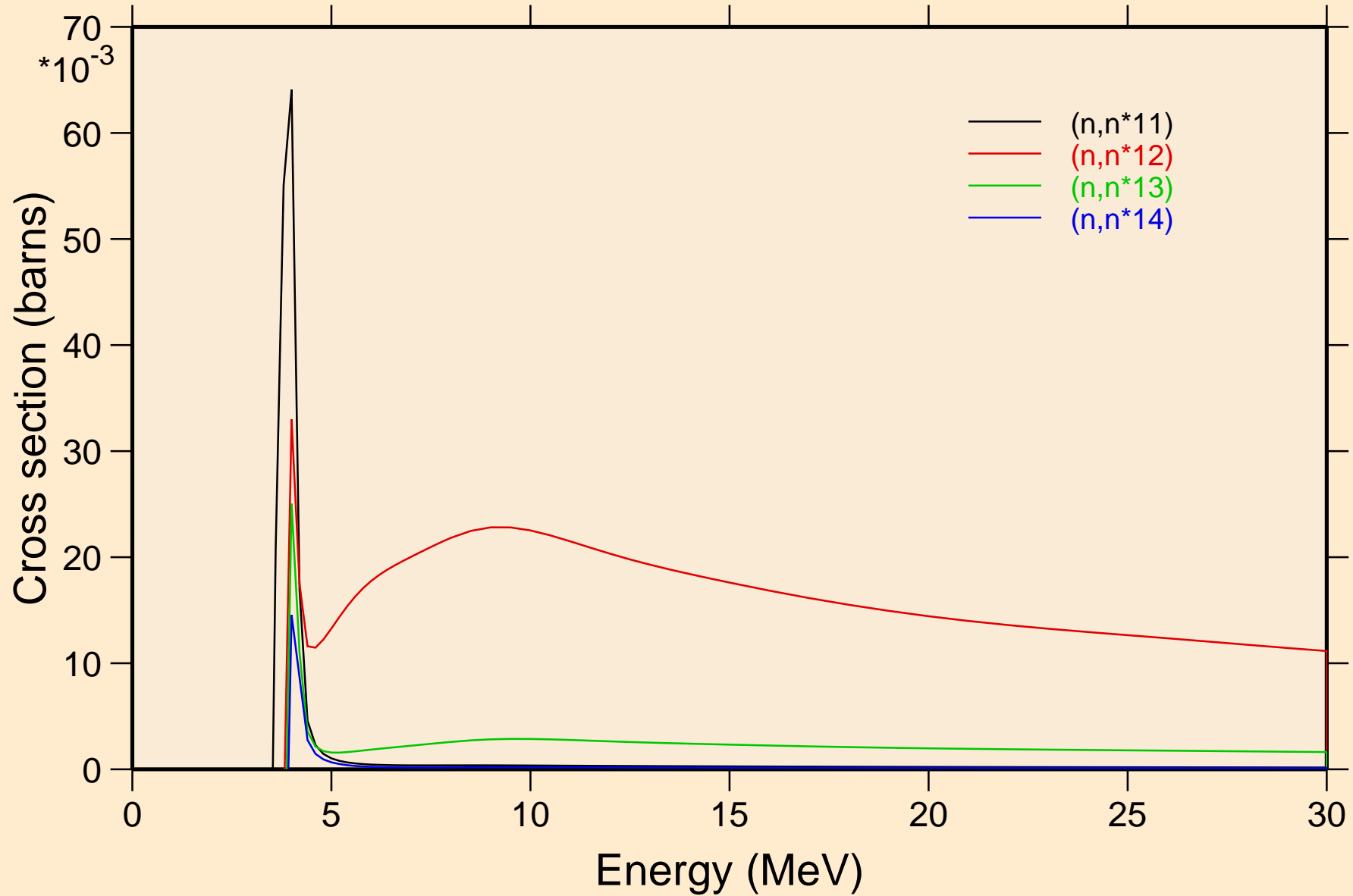


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

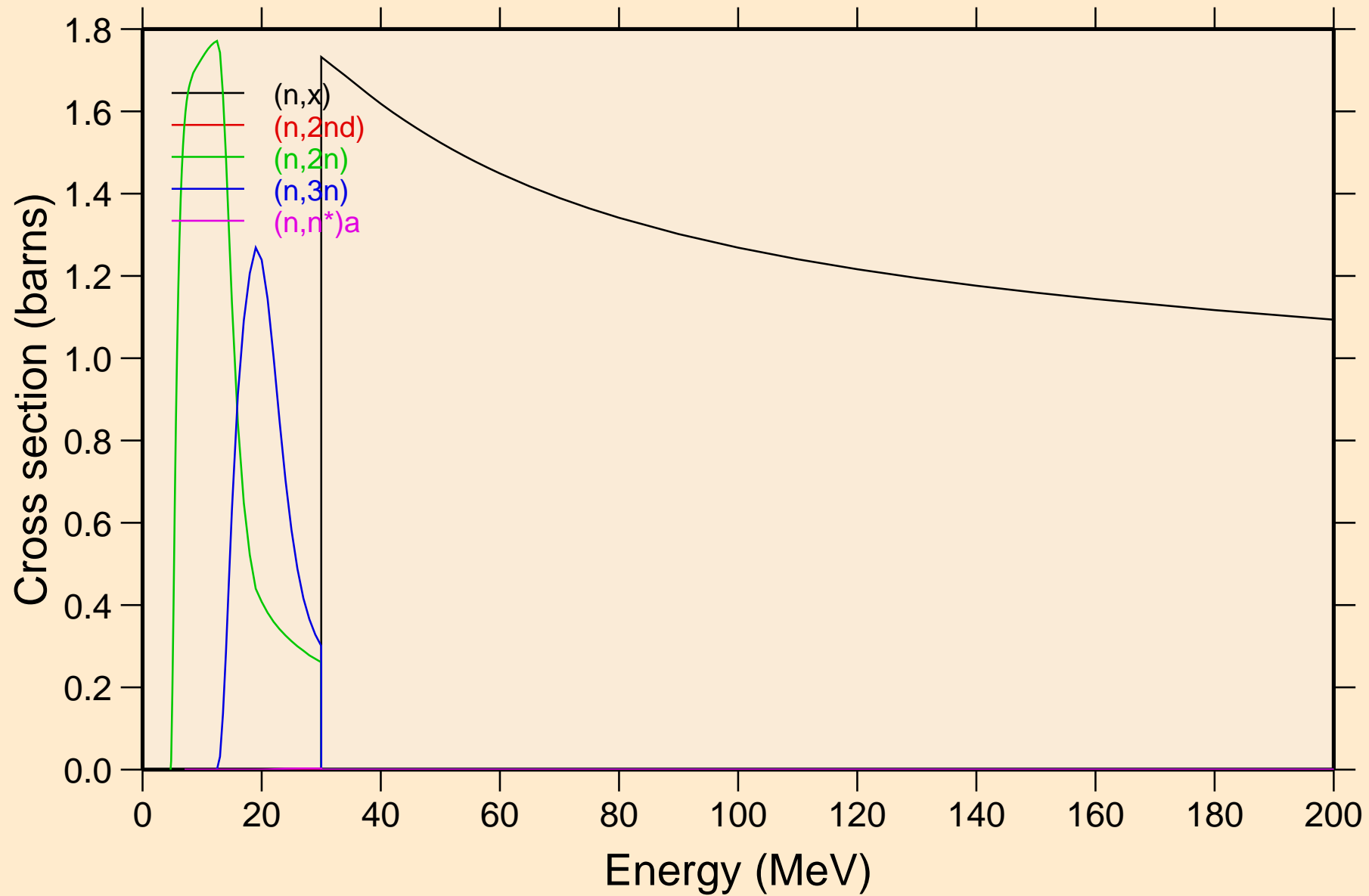




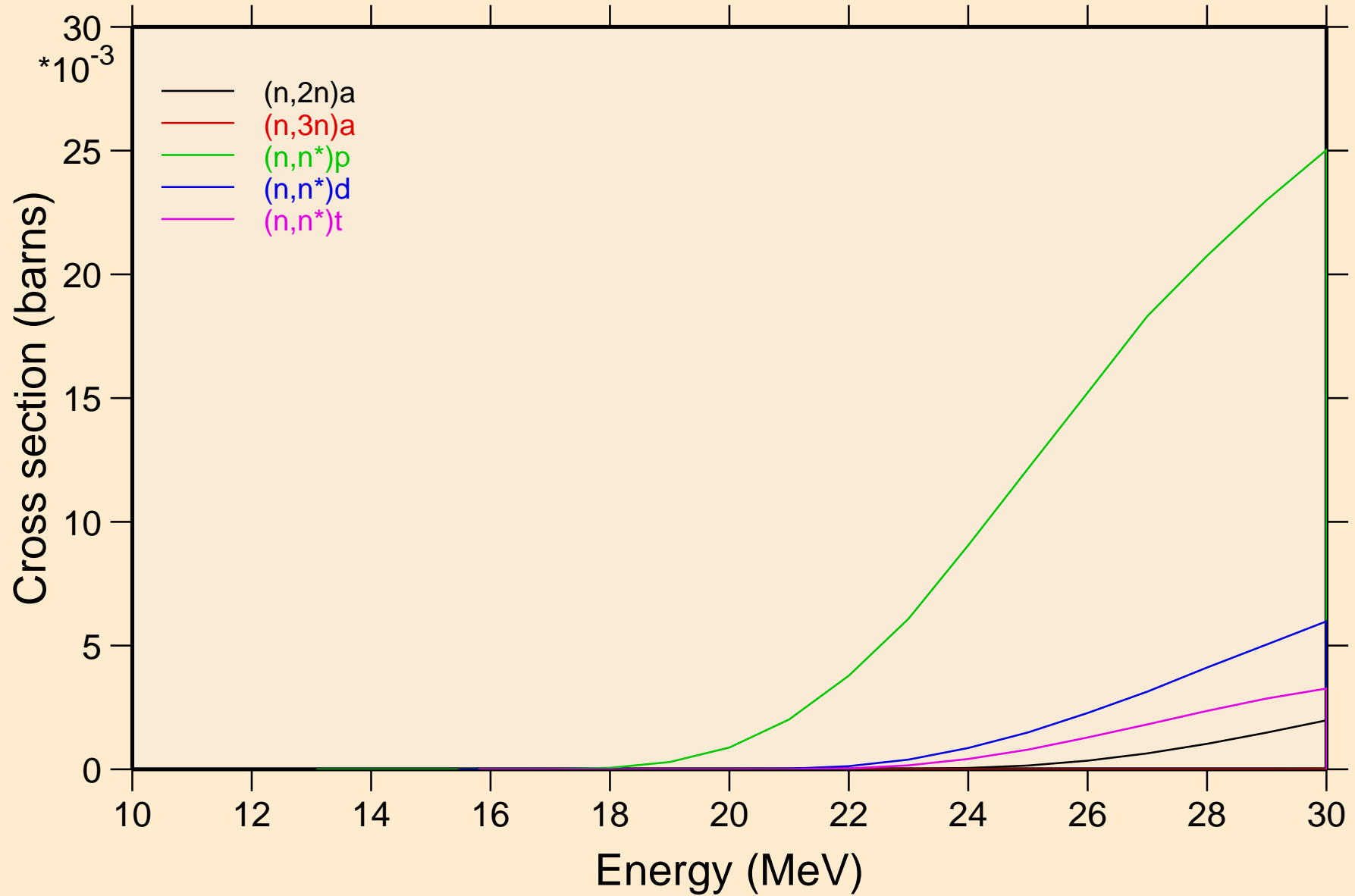
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



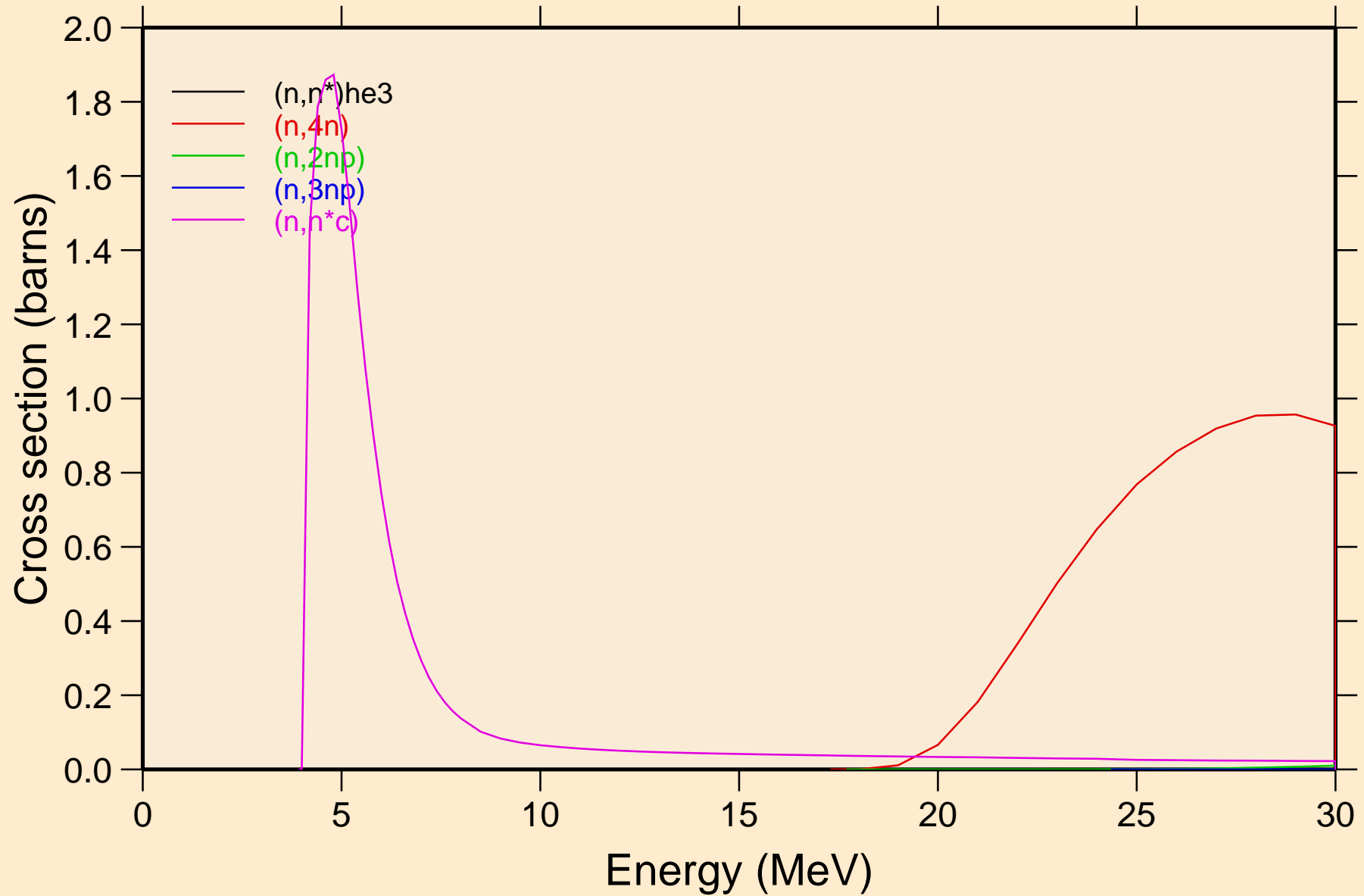
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Threshold reactions



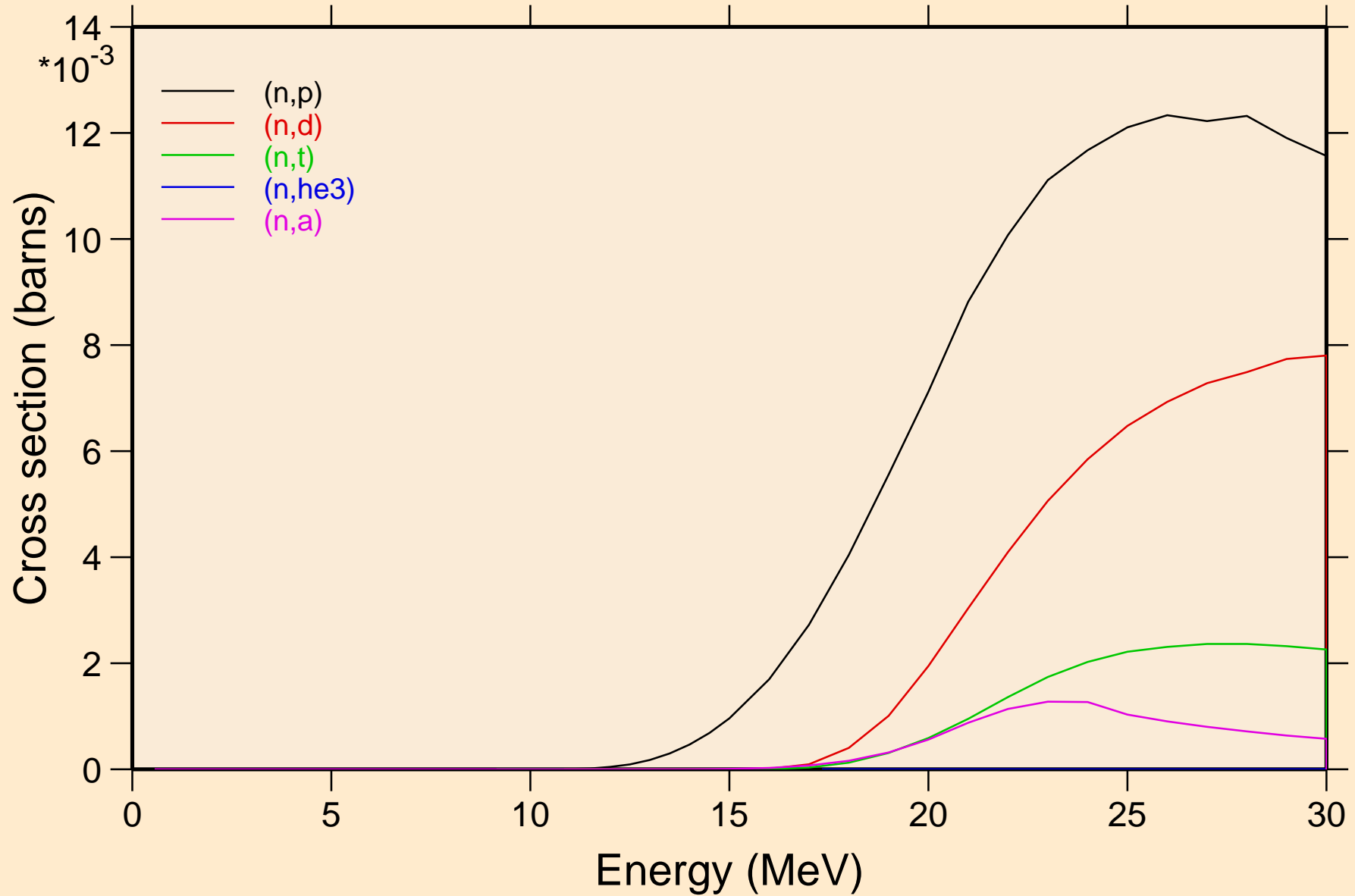
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



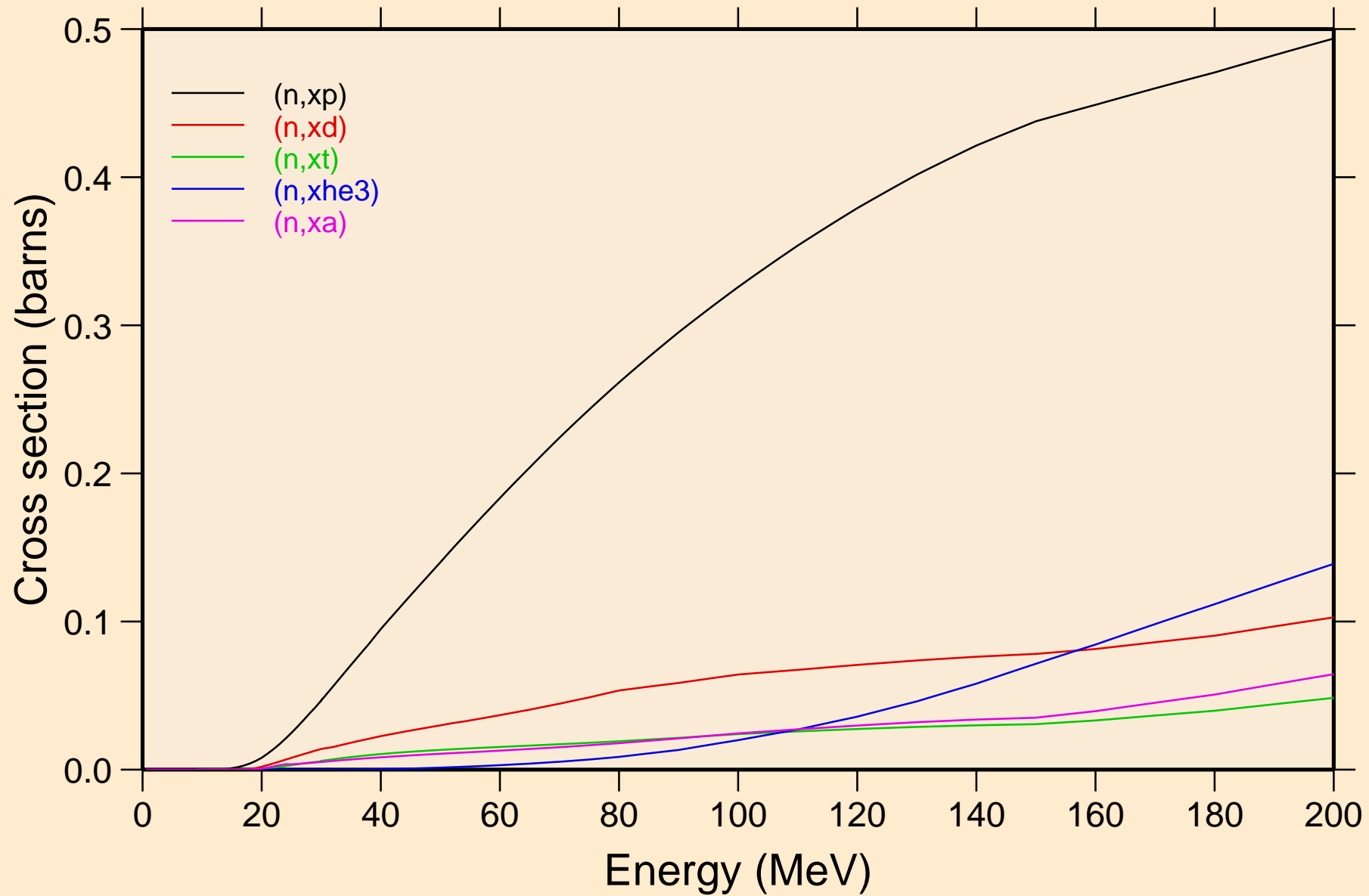
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



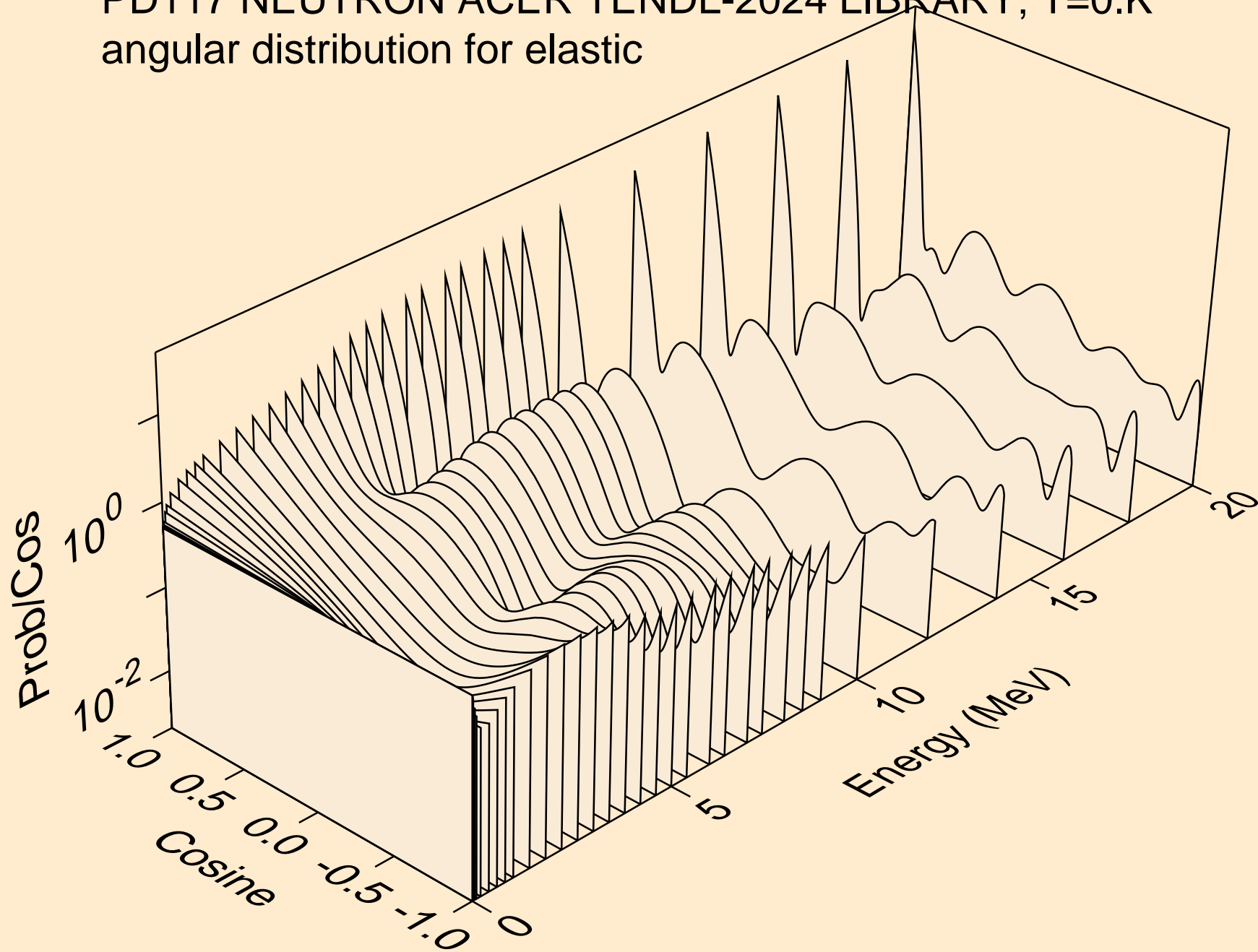
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



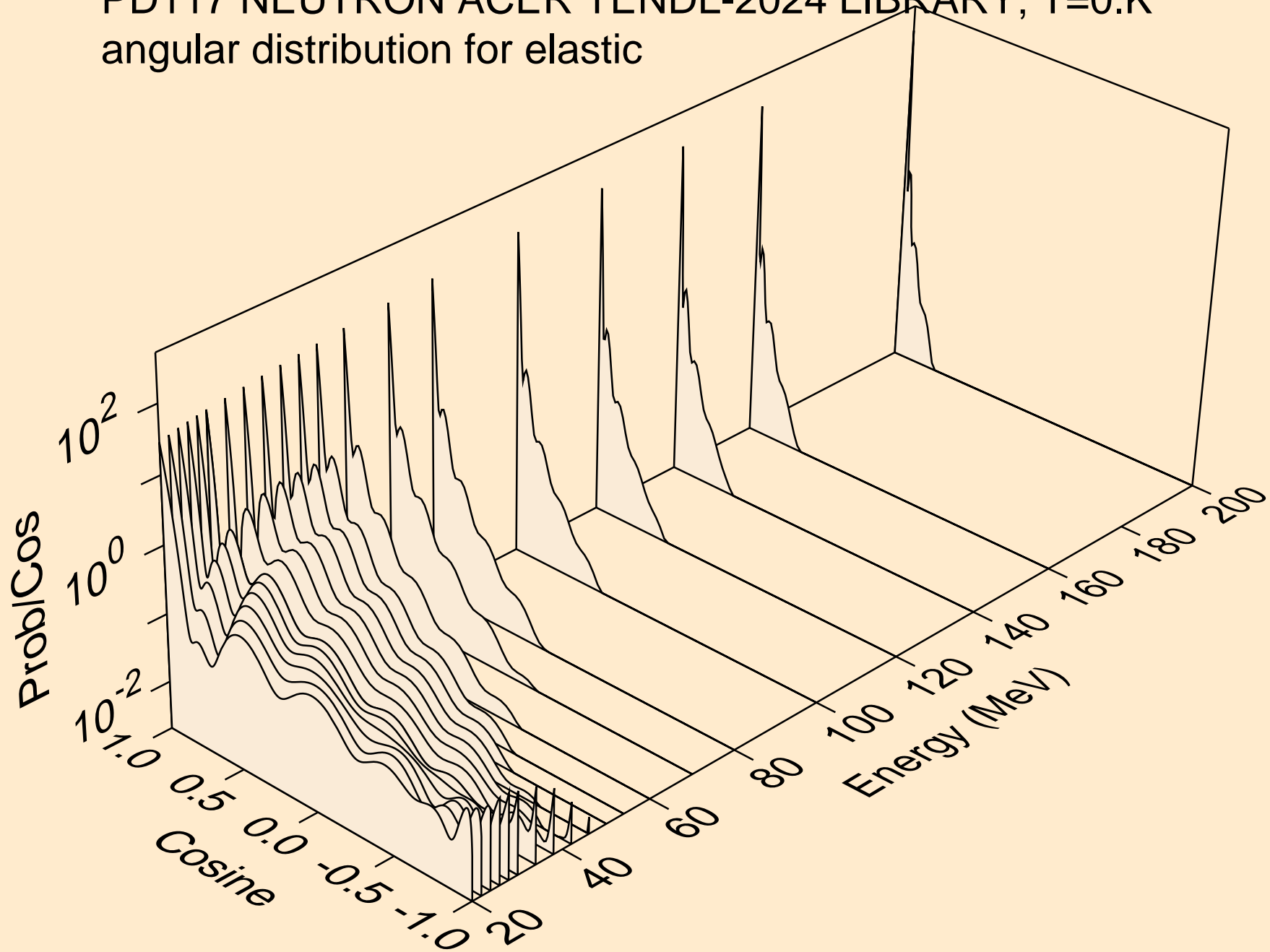
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

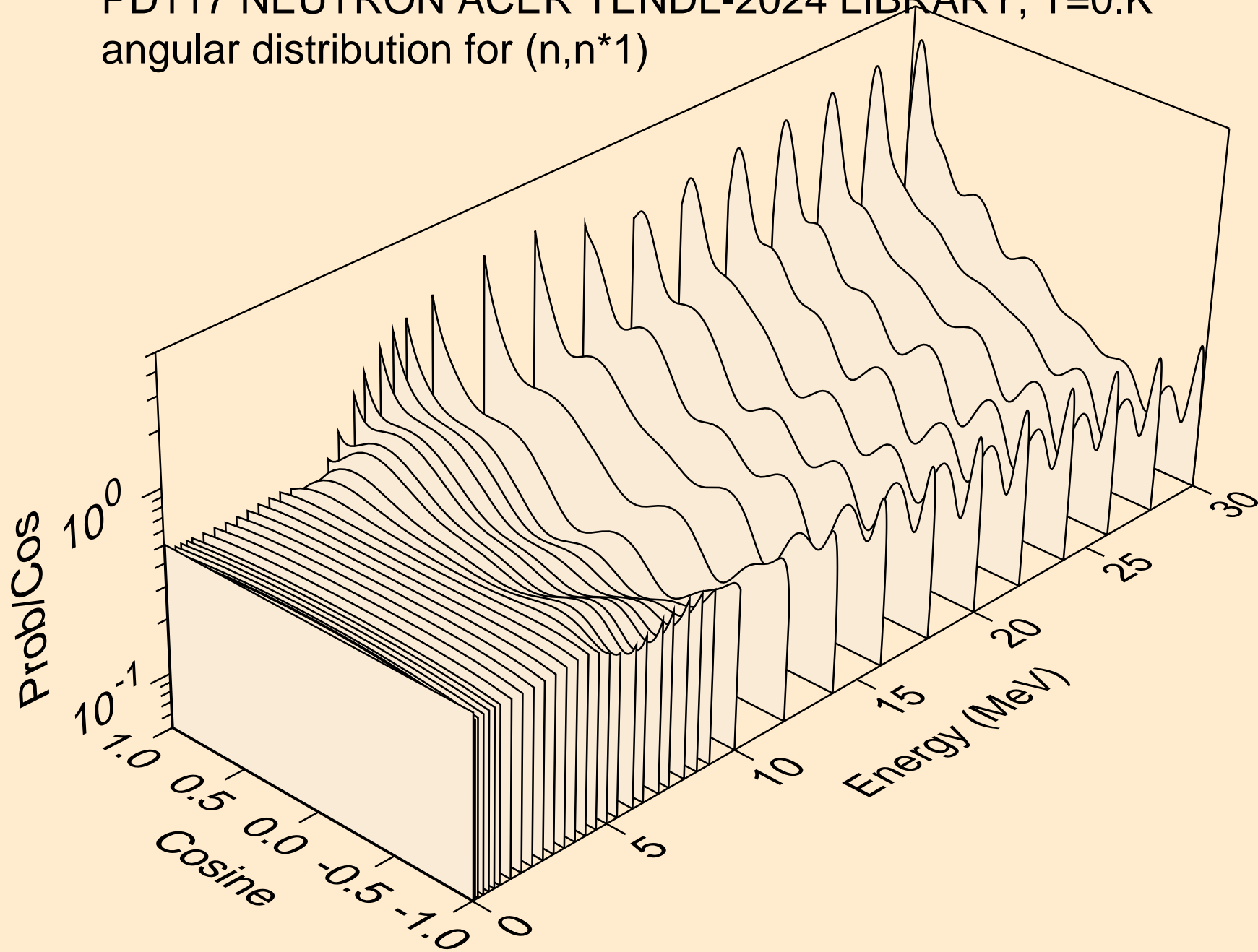


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angular distribution for elastic

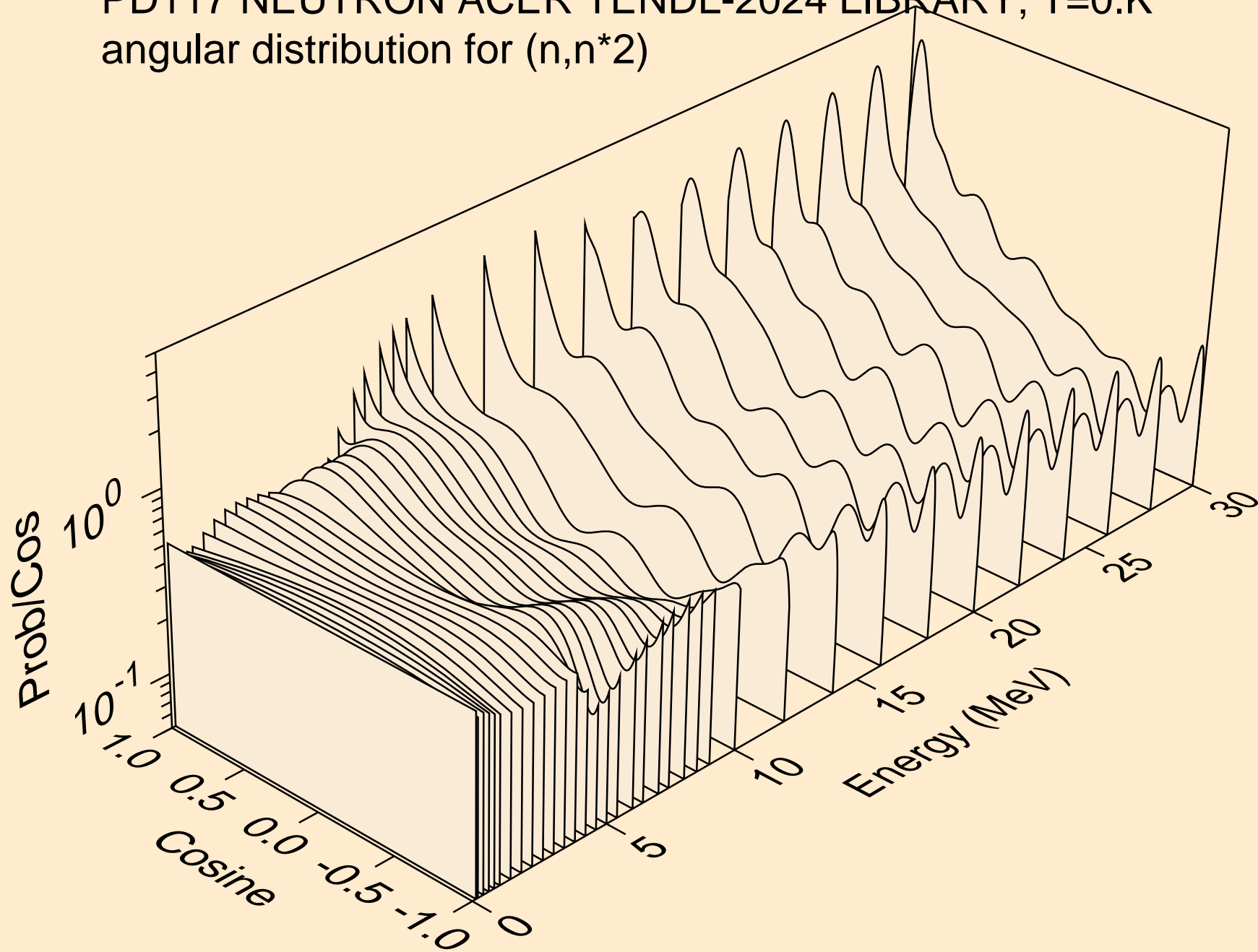




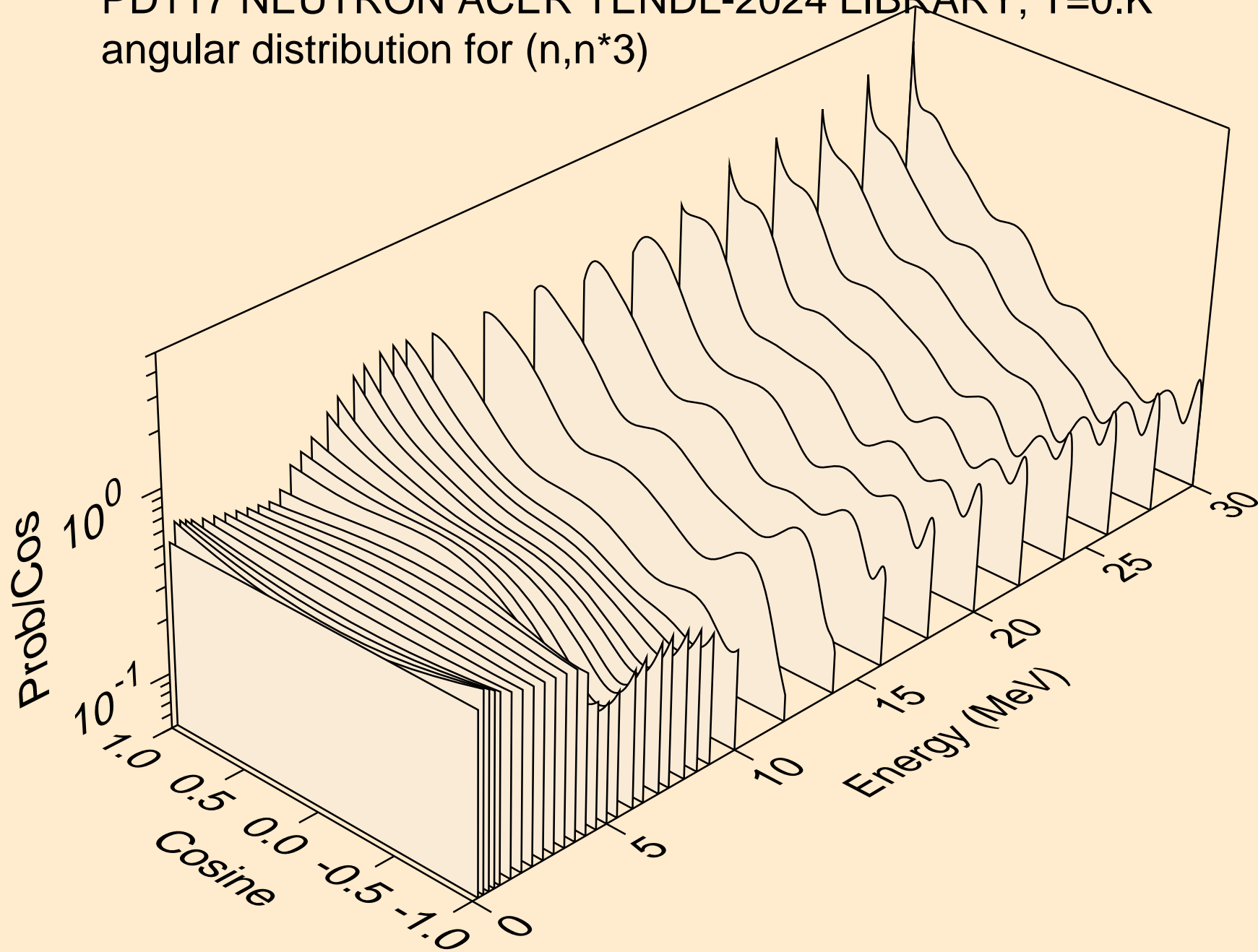
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



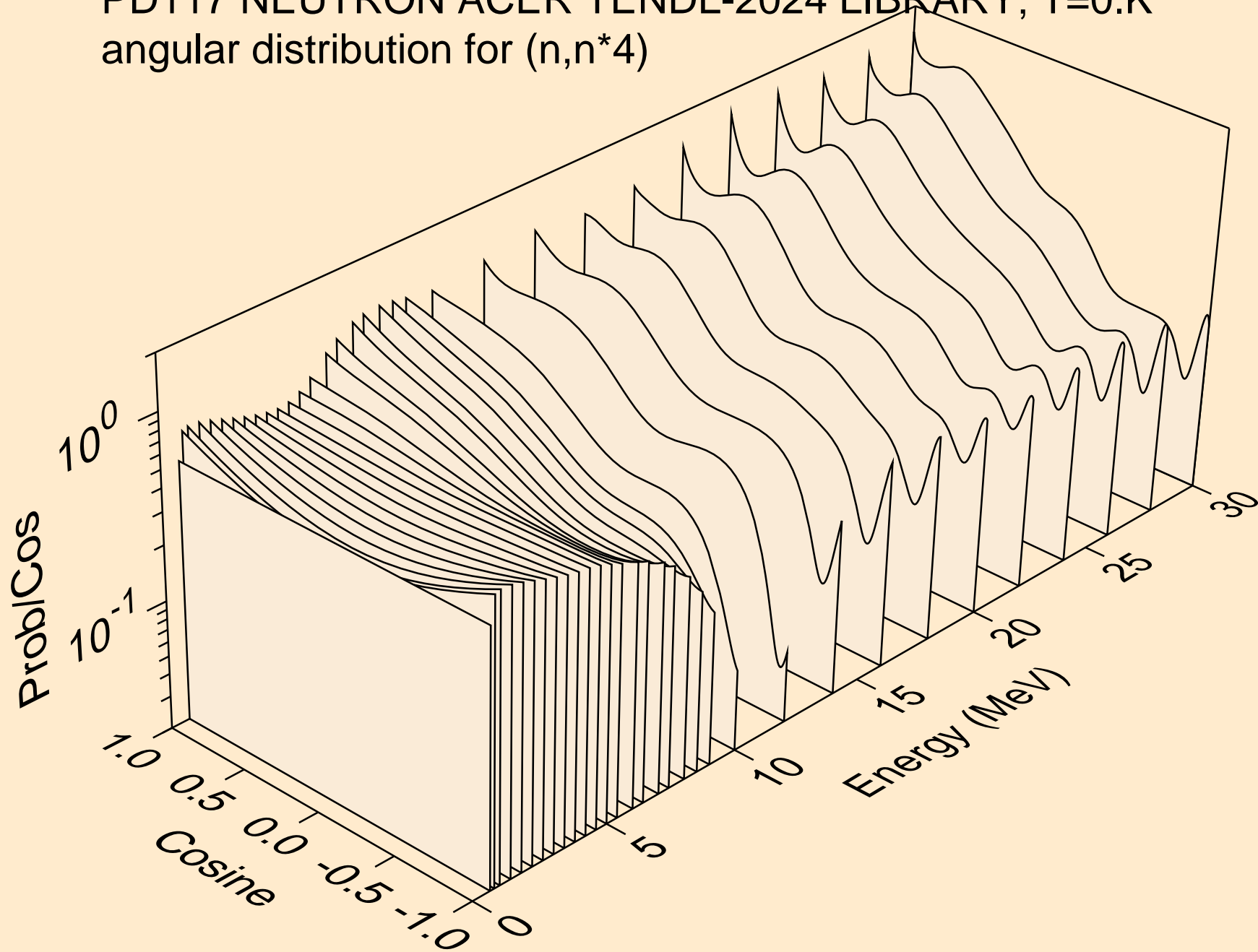
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



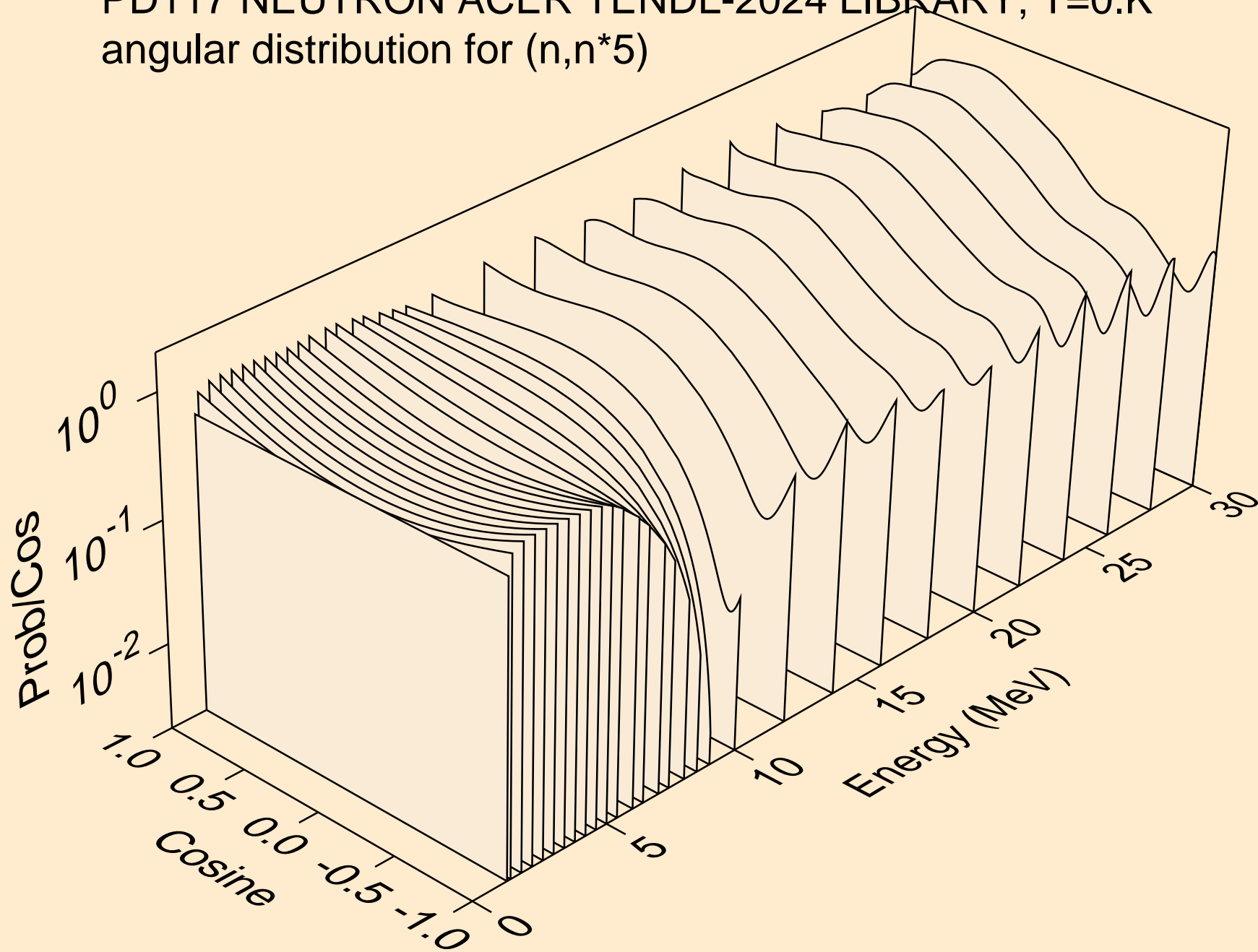
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angular distribution for (n,n\*3)



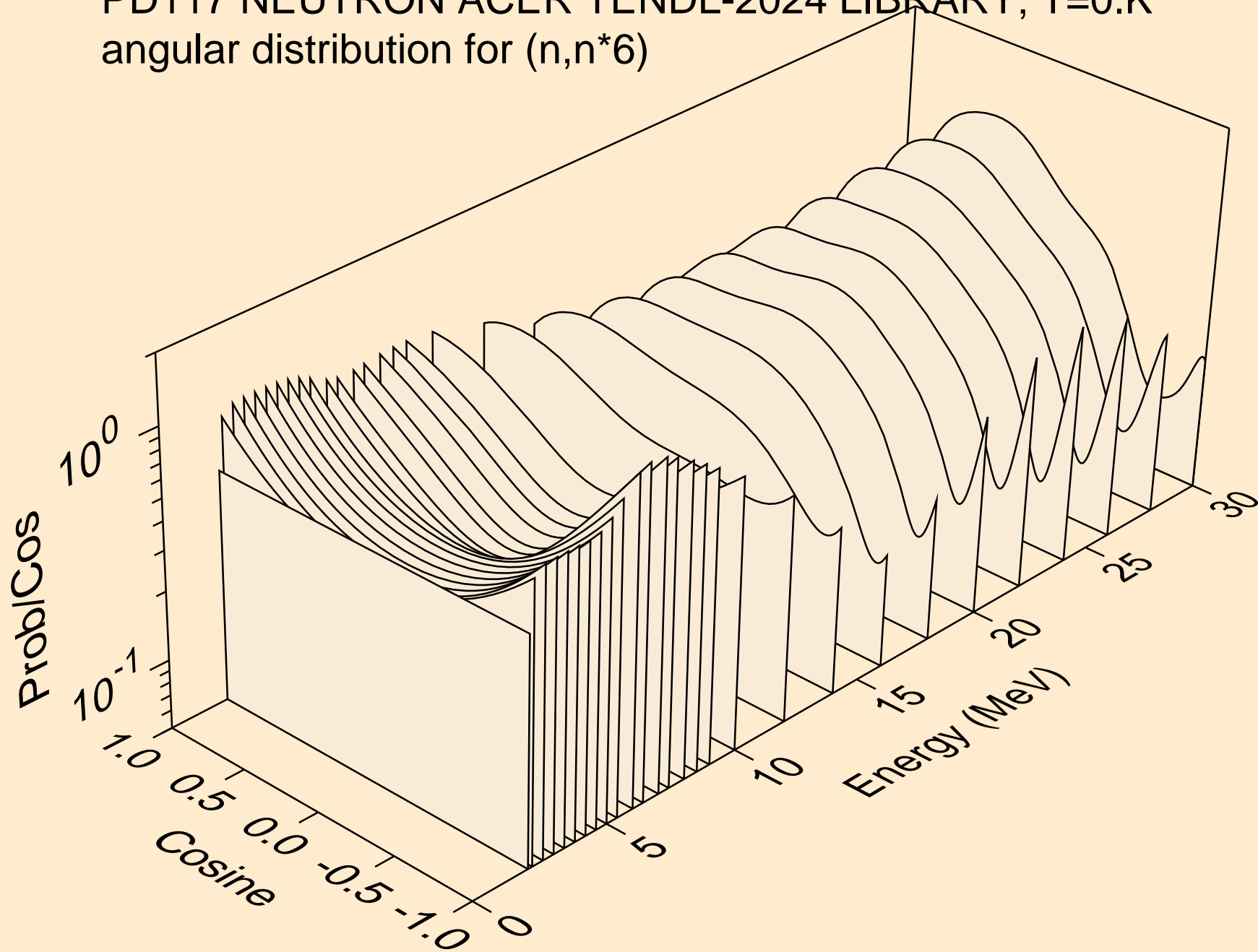
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angular distribution for (n,n\*4)



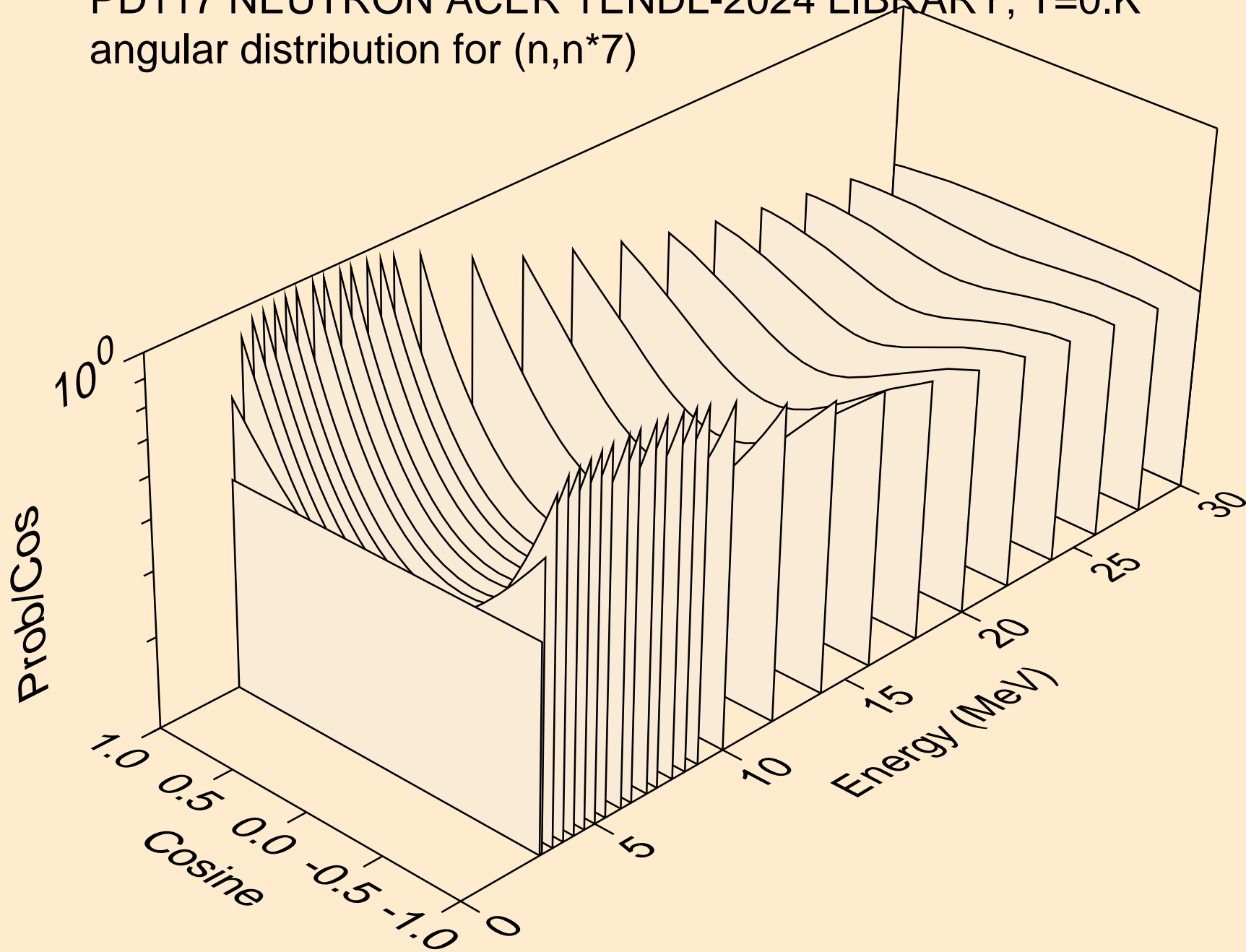
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



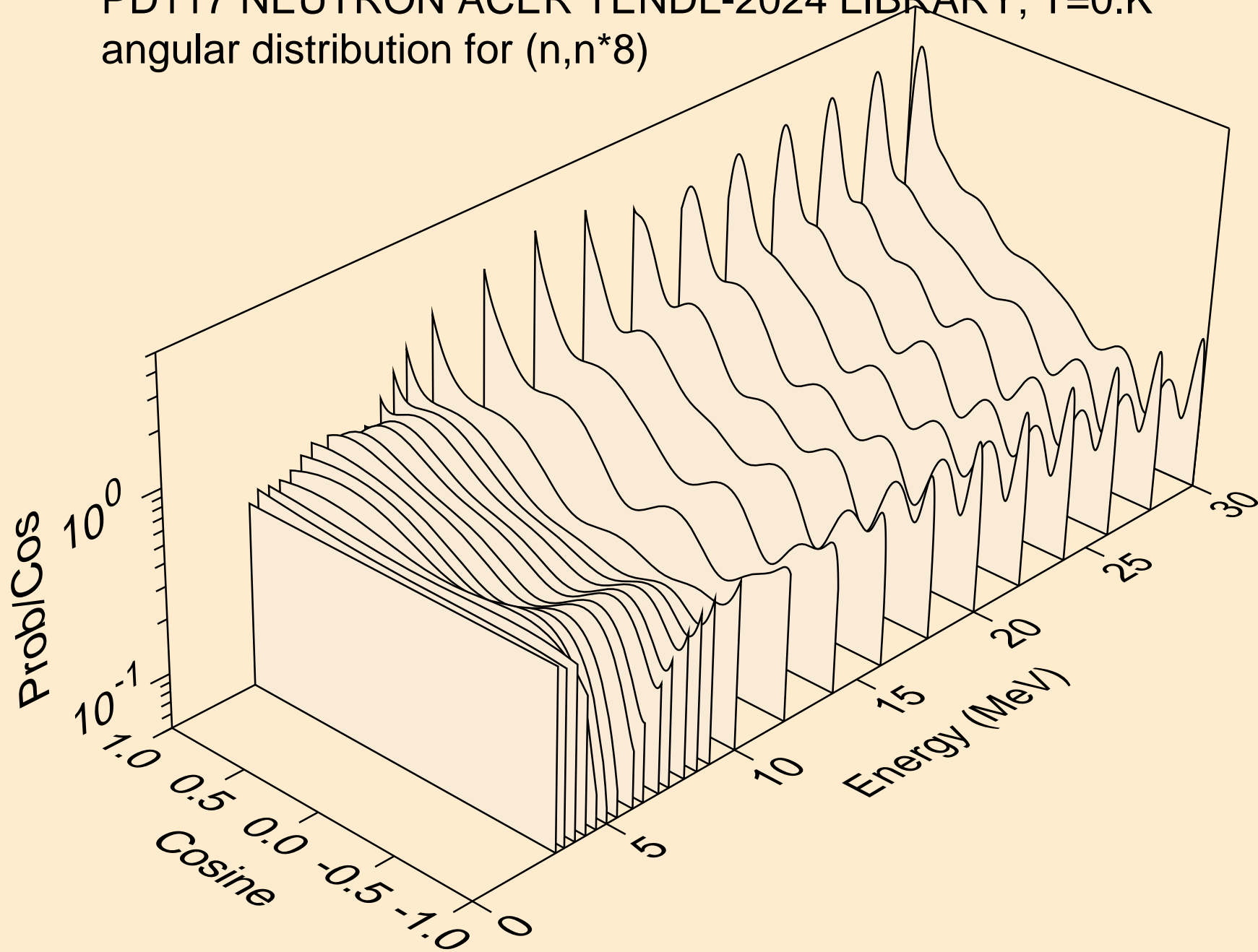
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

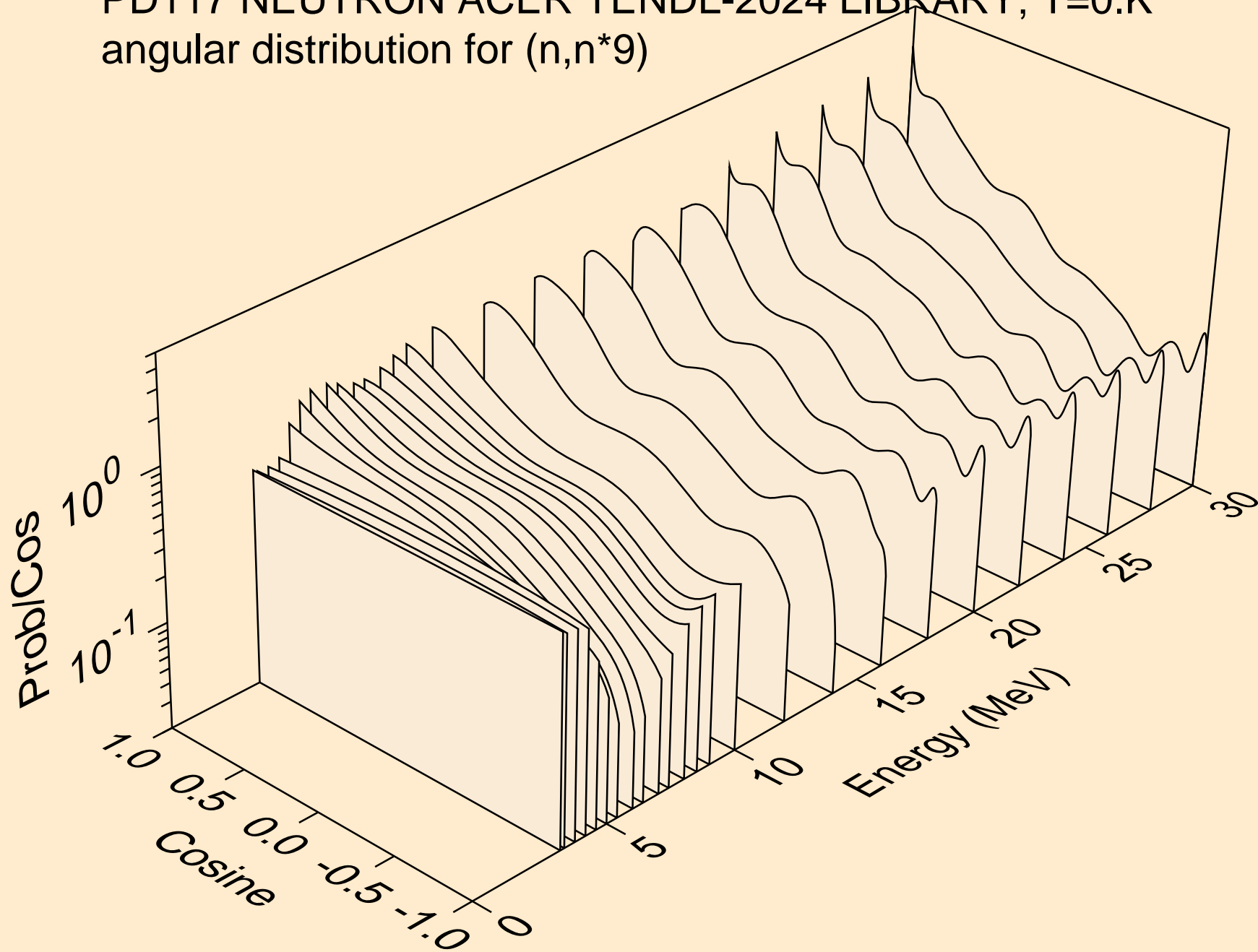


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

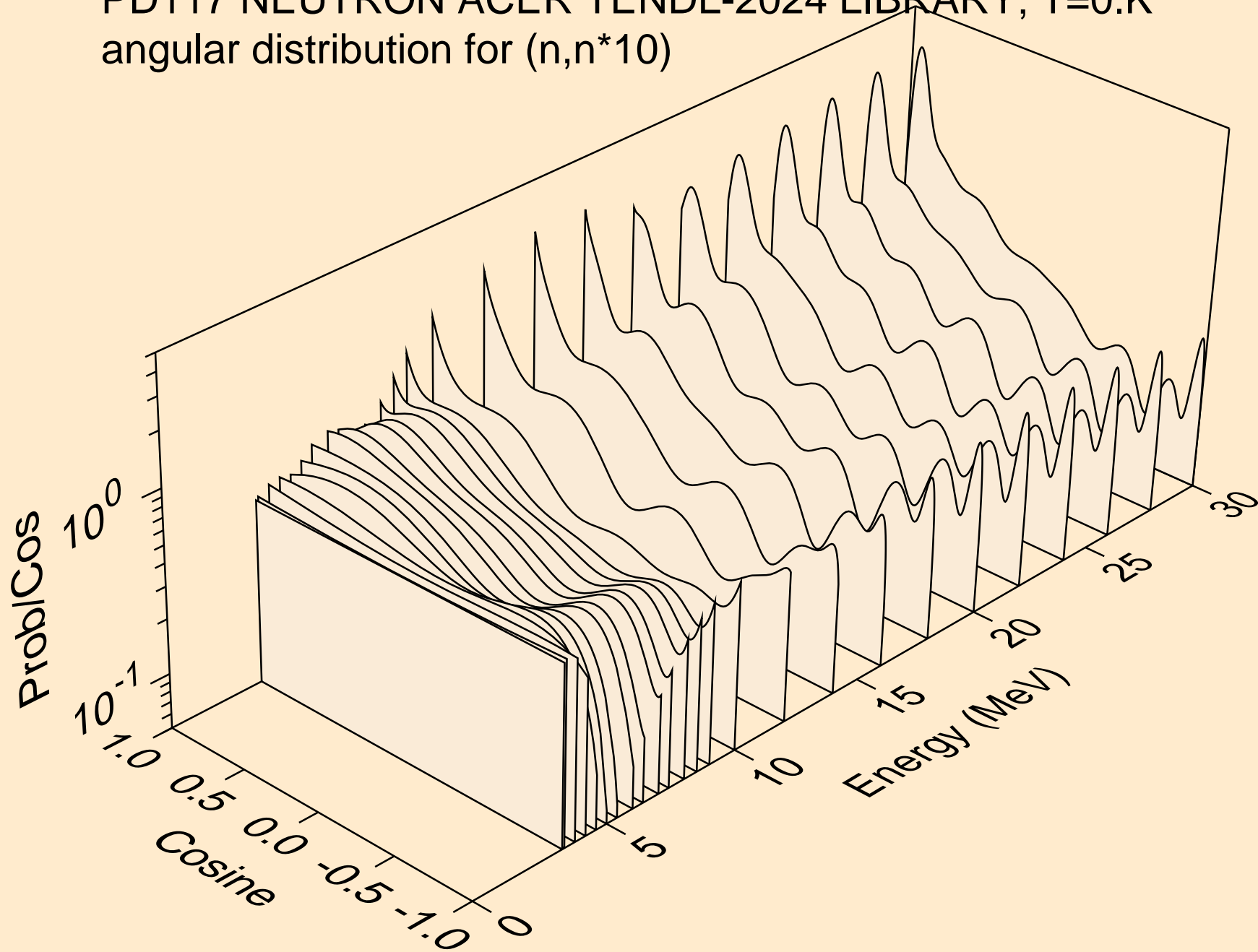




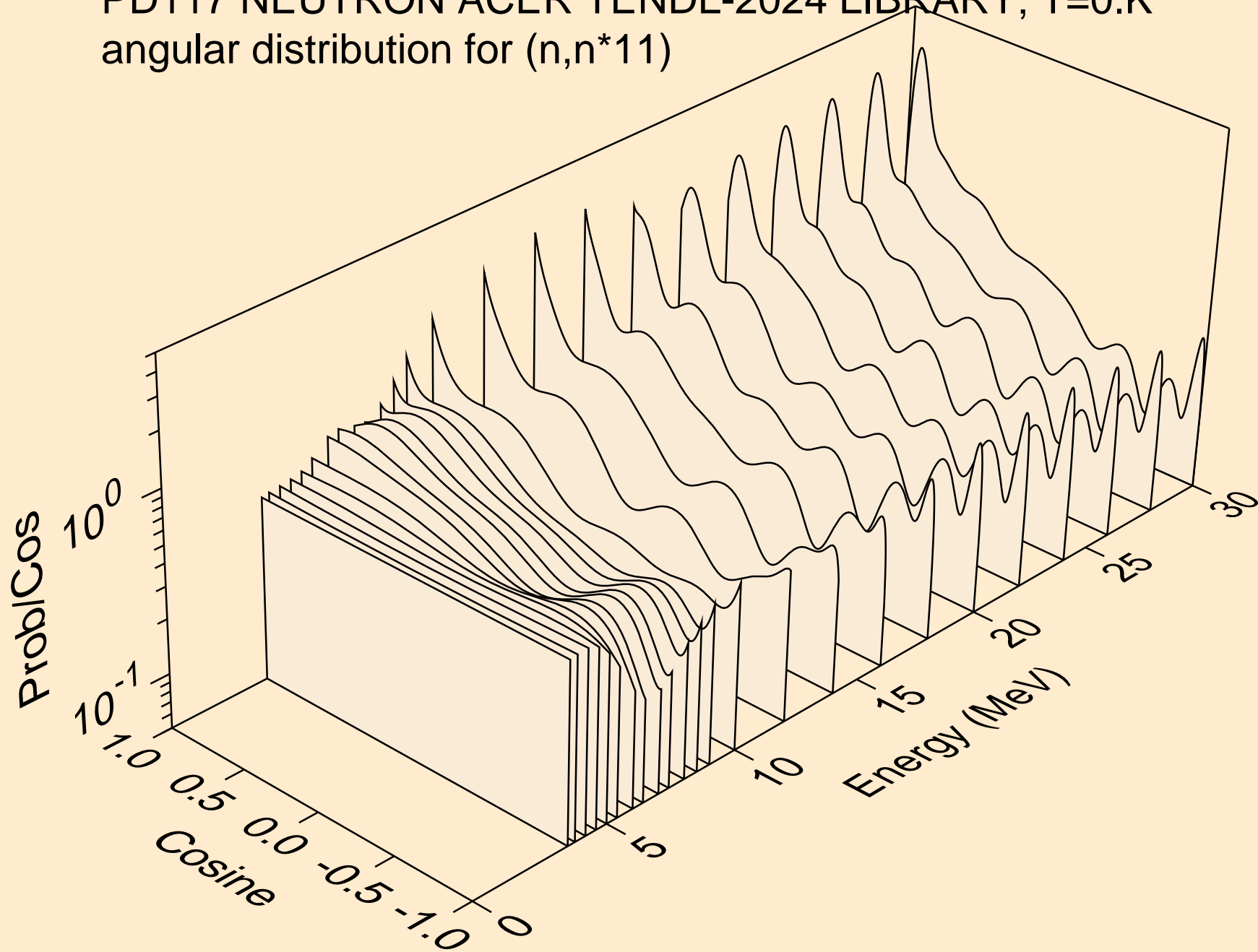
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angular distribution for (n,n\*9)



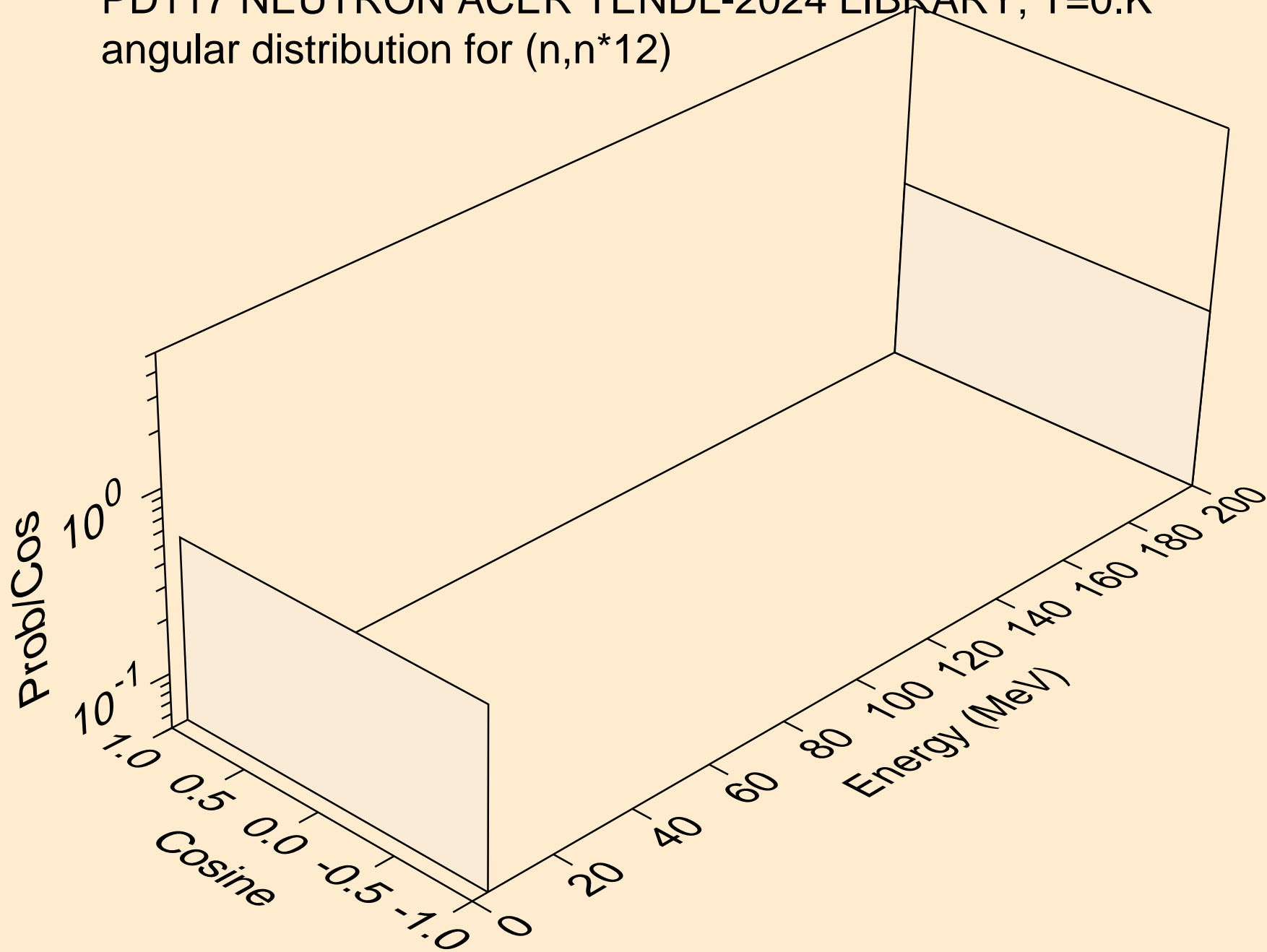
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angular distribution for (n,n\*10)



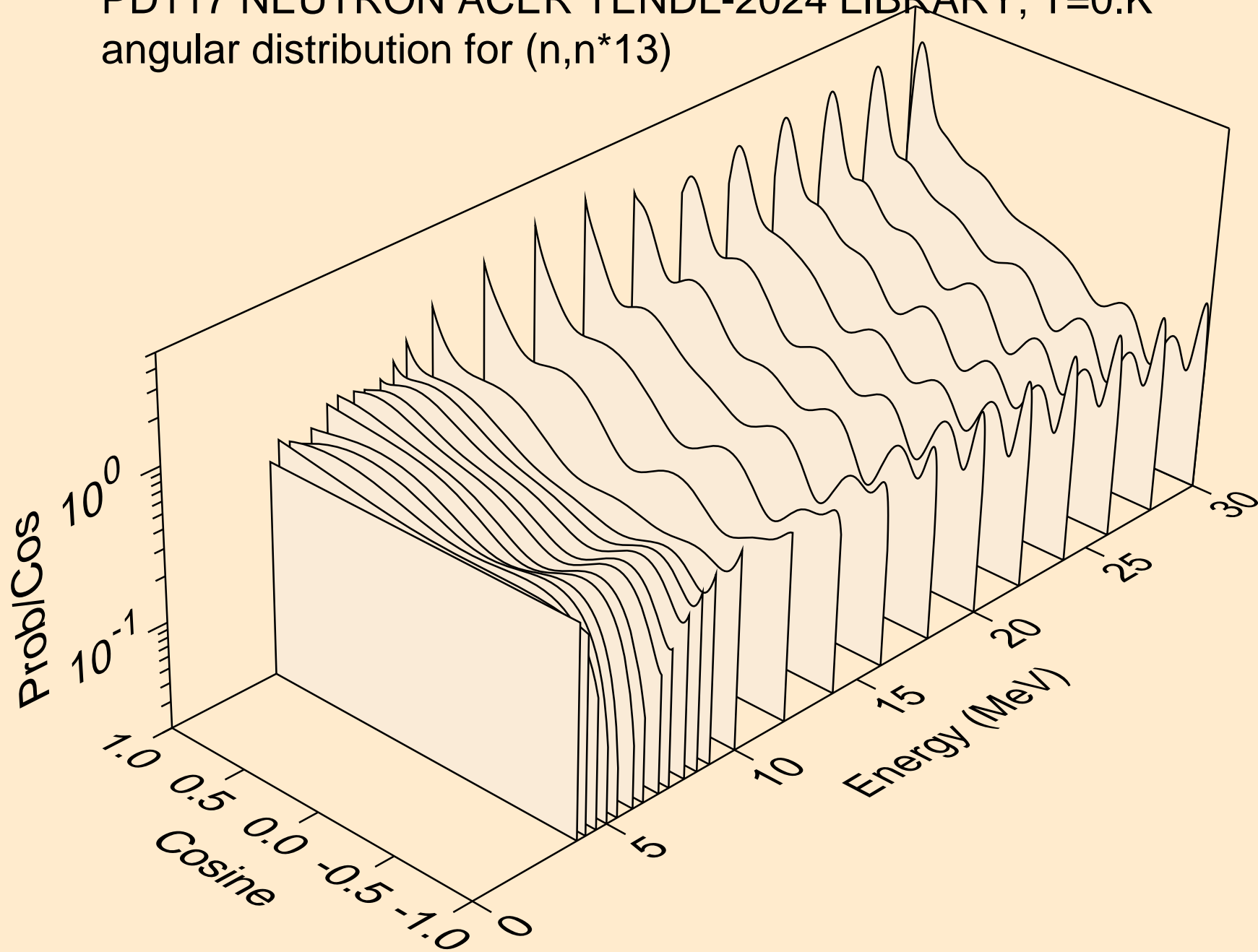
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



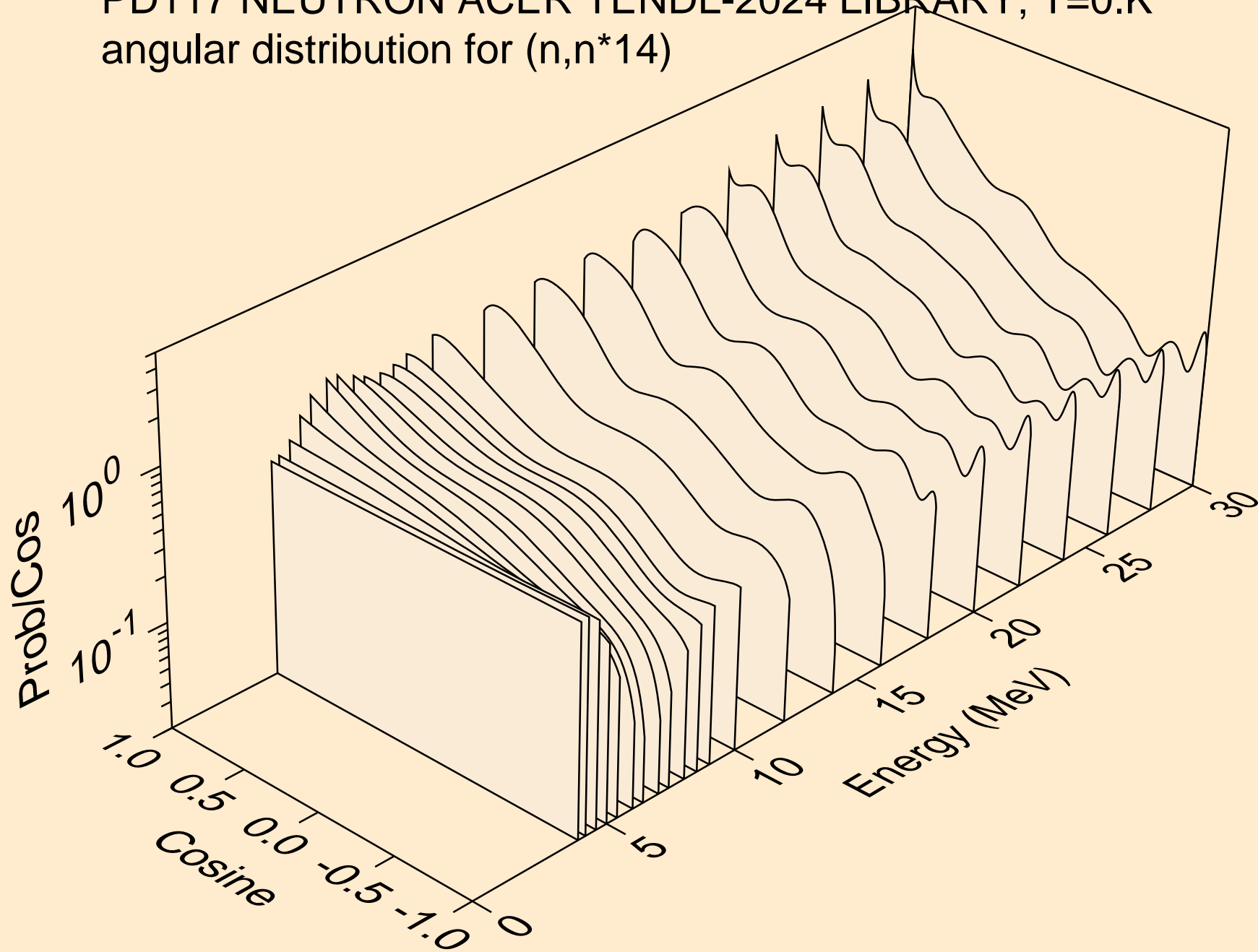
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angular distribution for (n,n\*12)



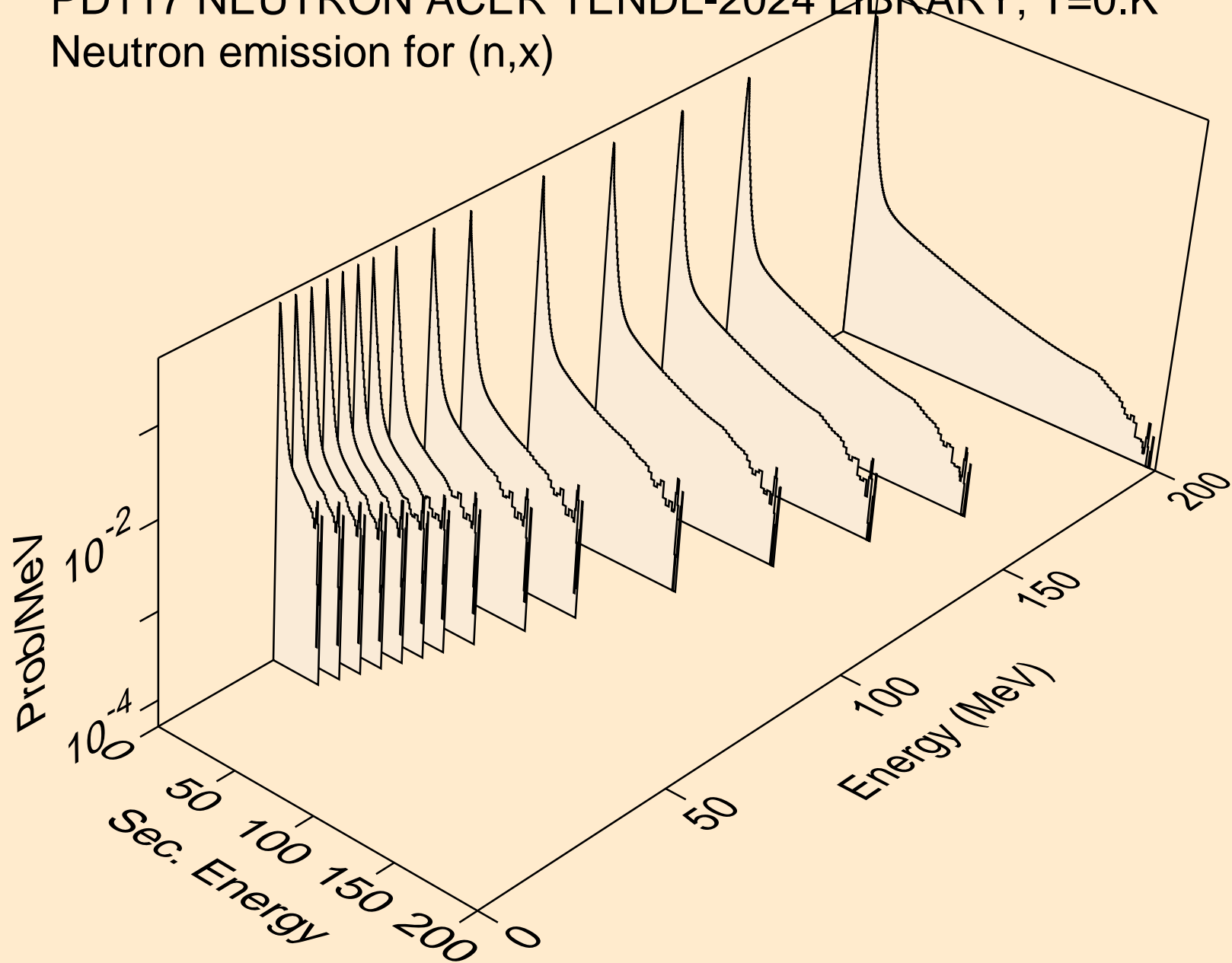
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angular distribution for (n,n\*13)



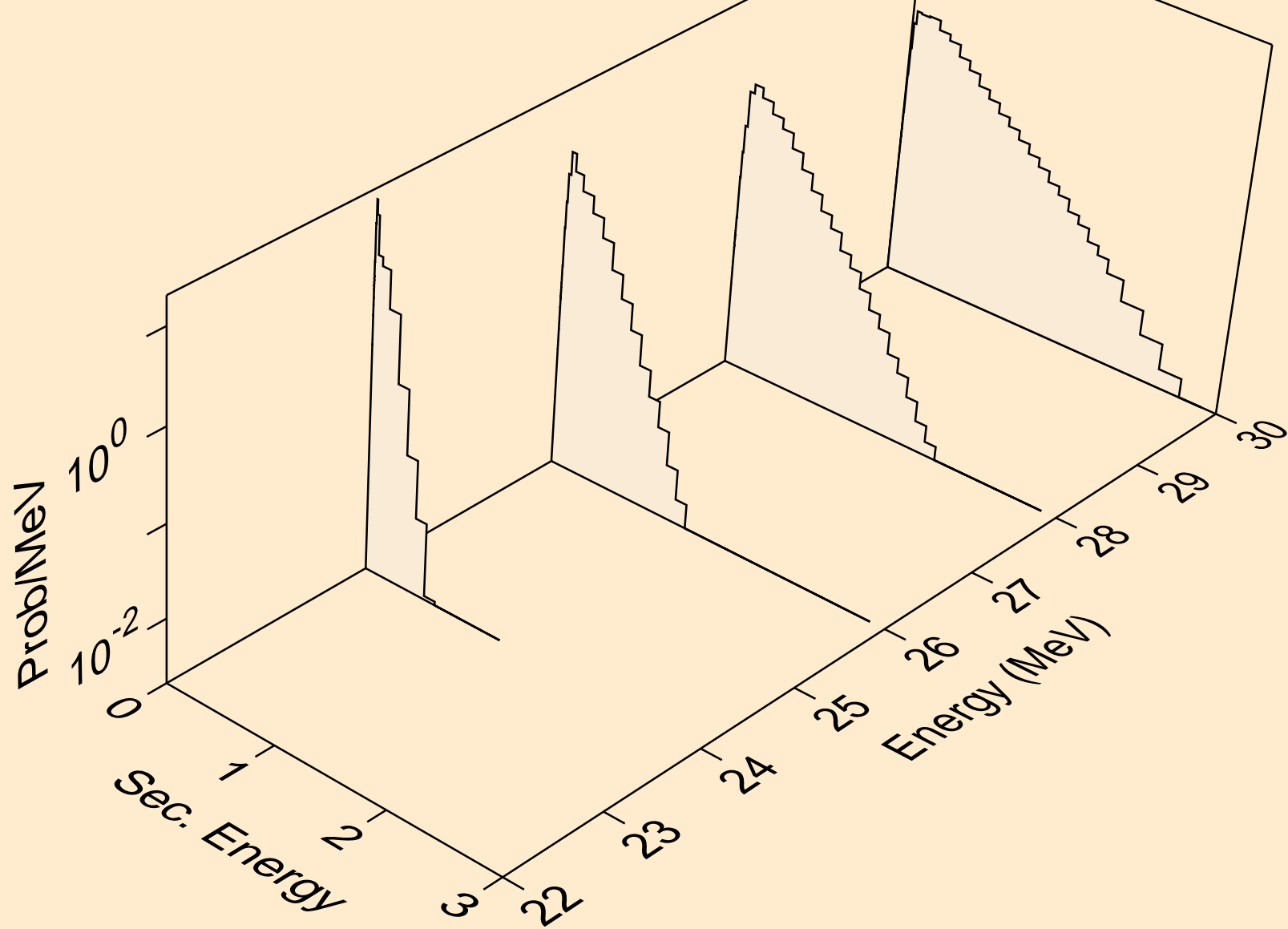
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

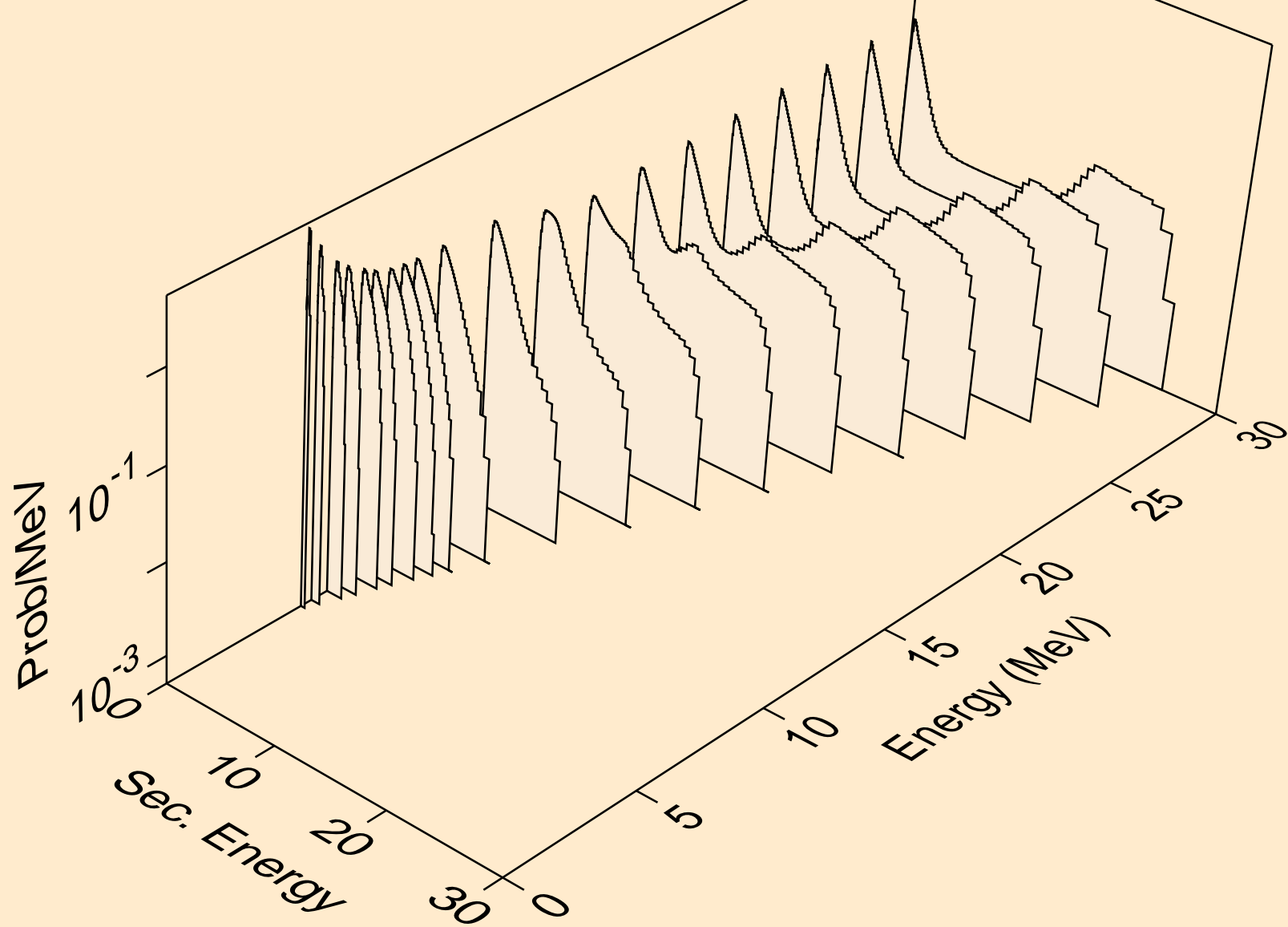


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

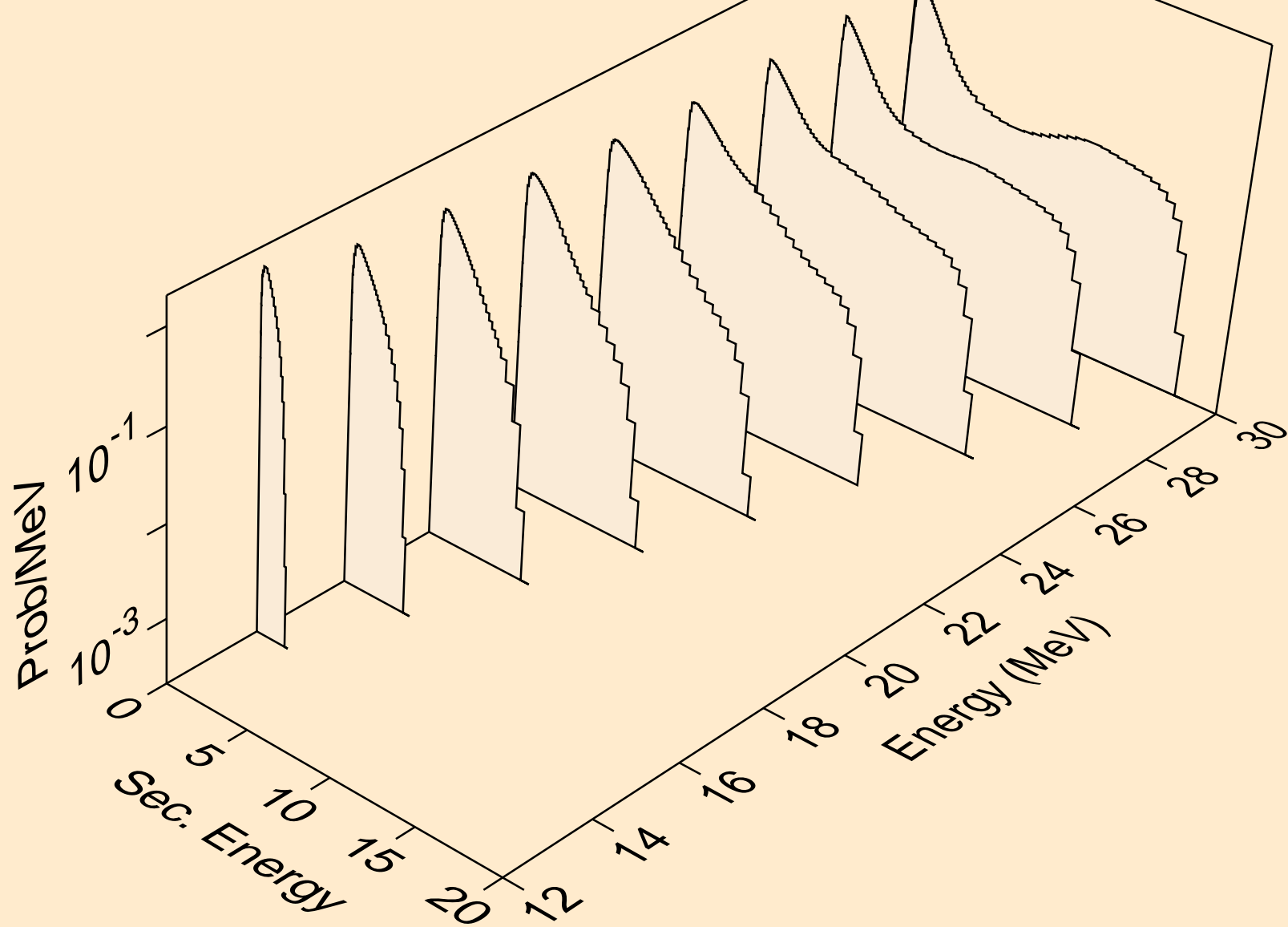




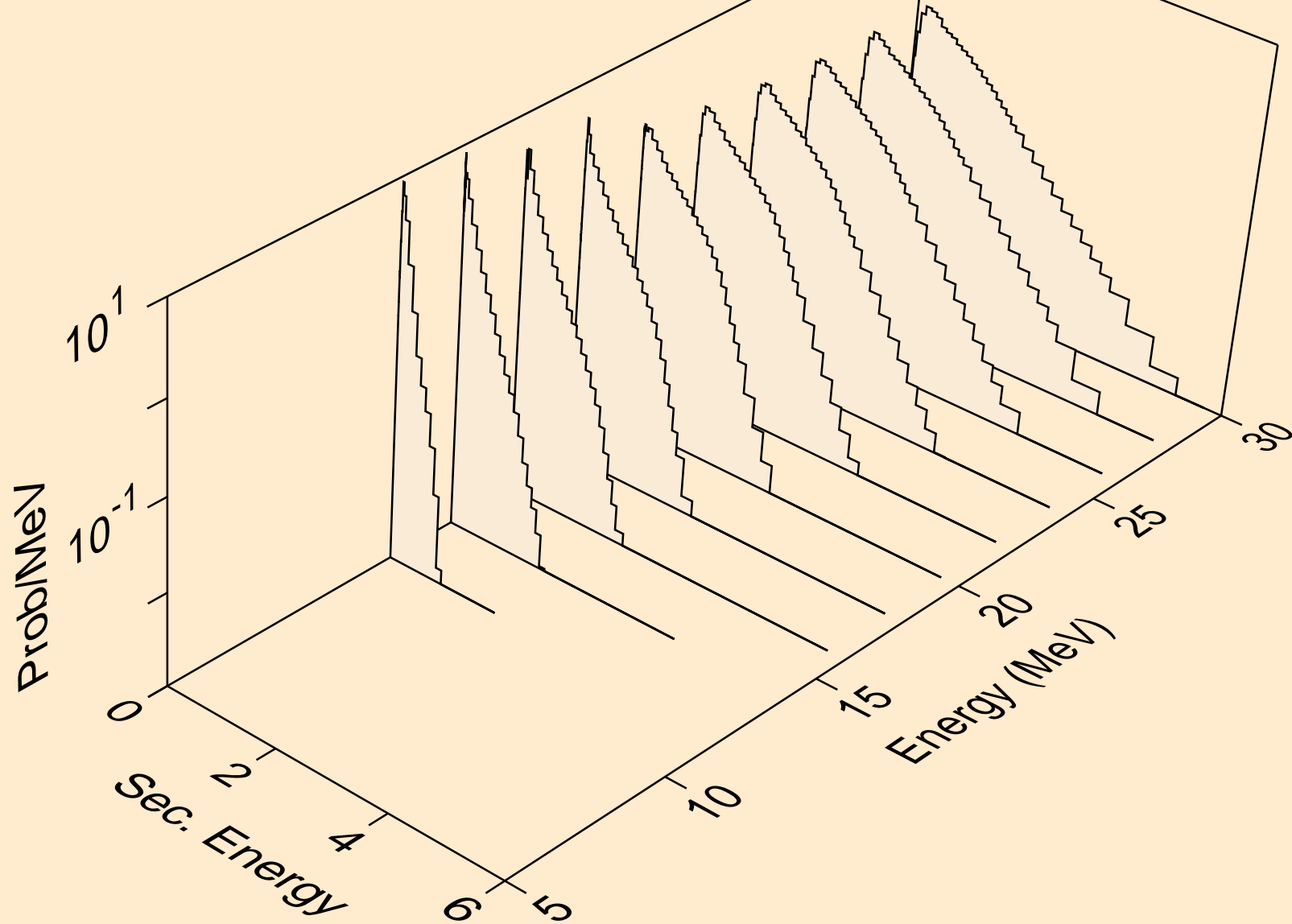
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



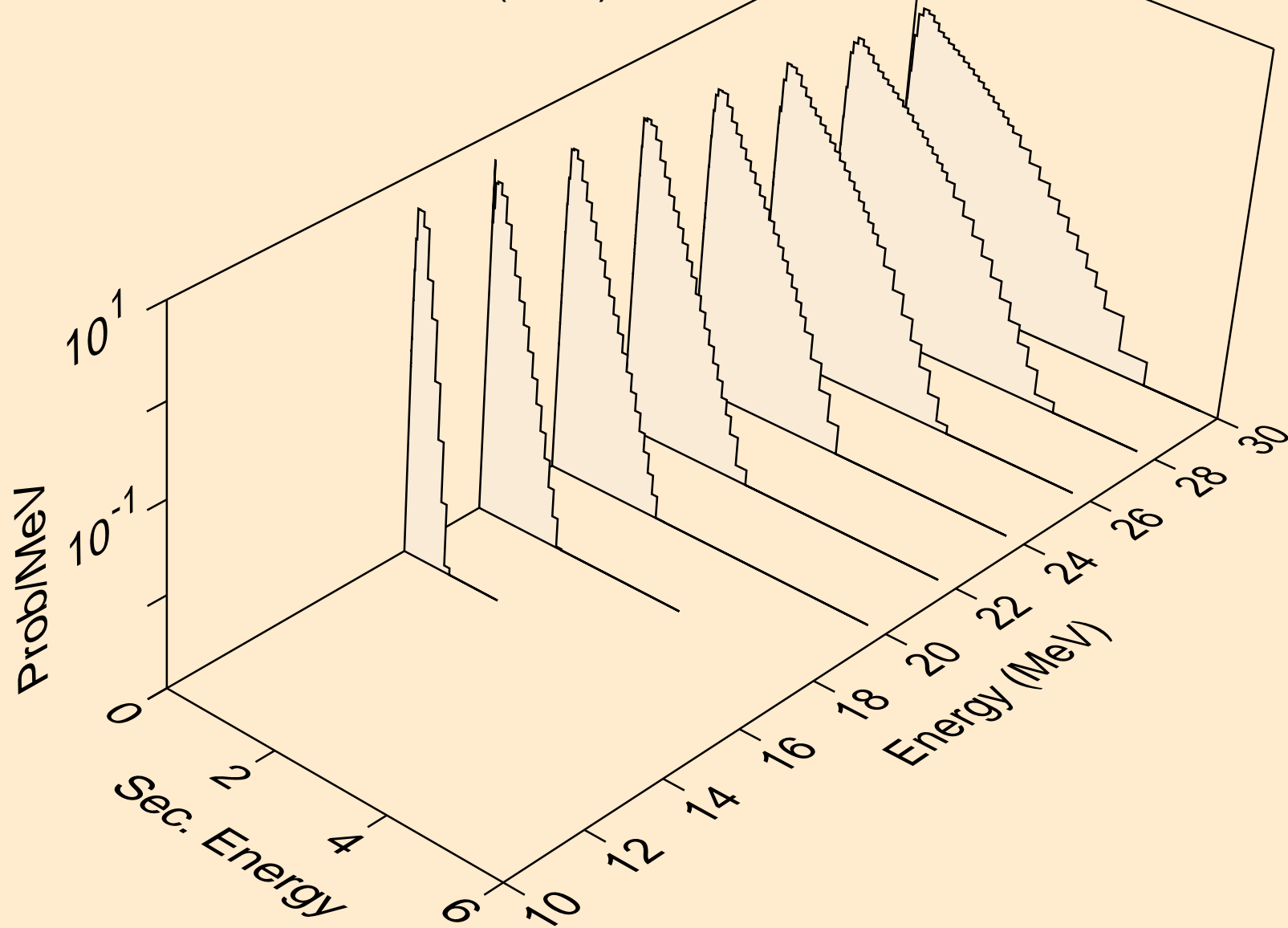
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



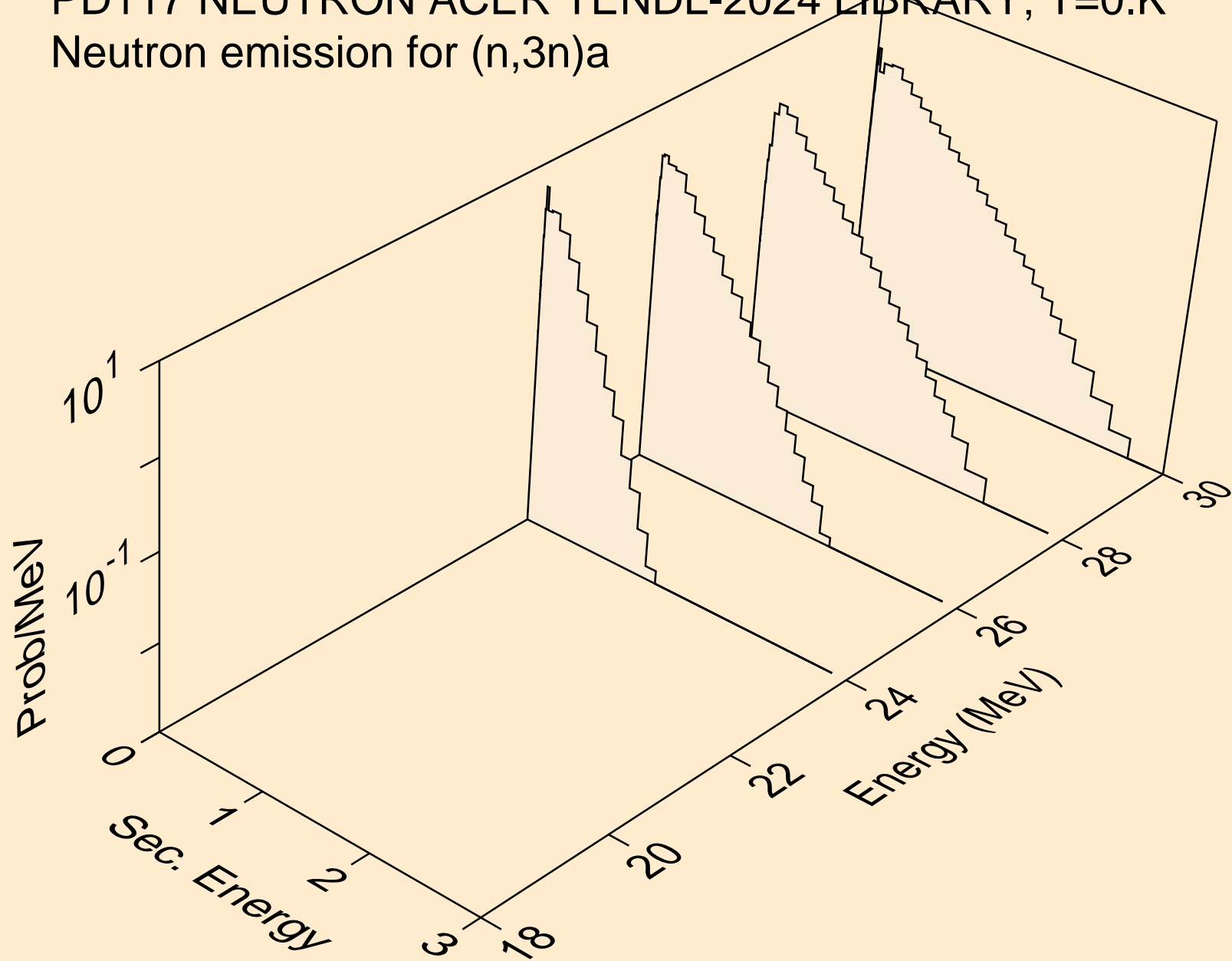
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



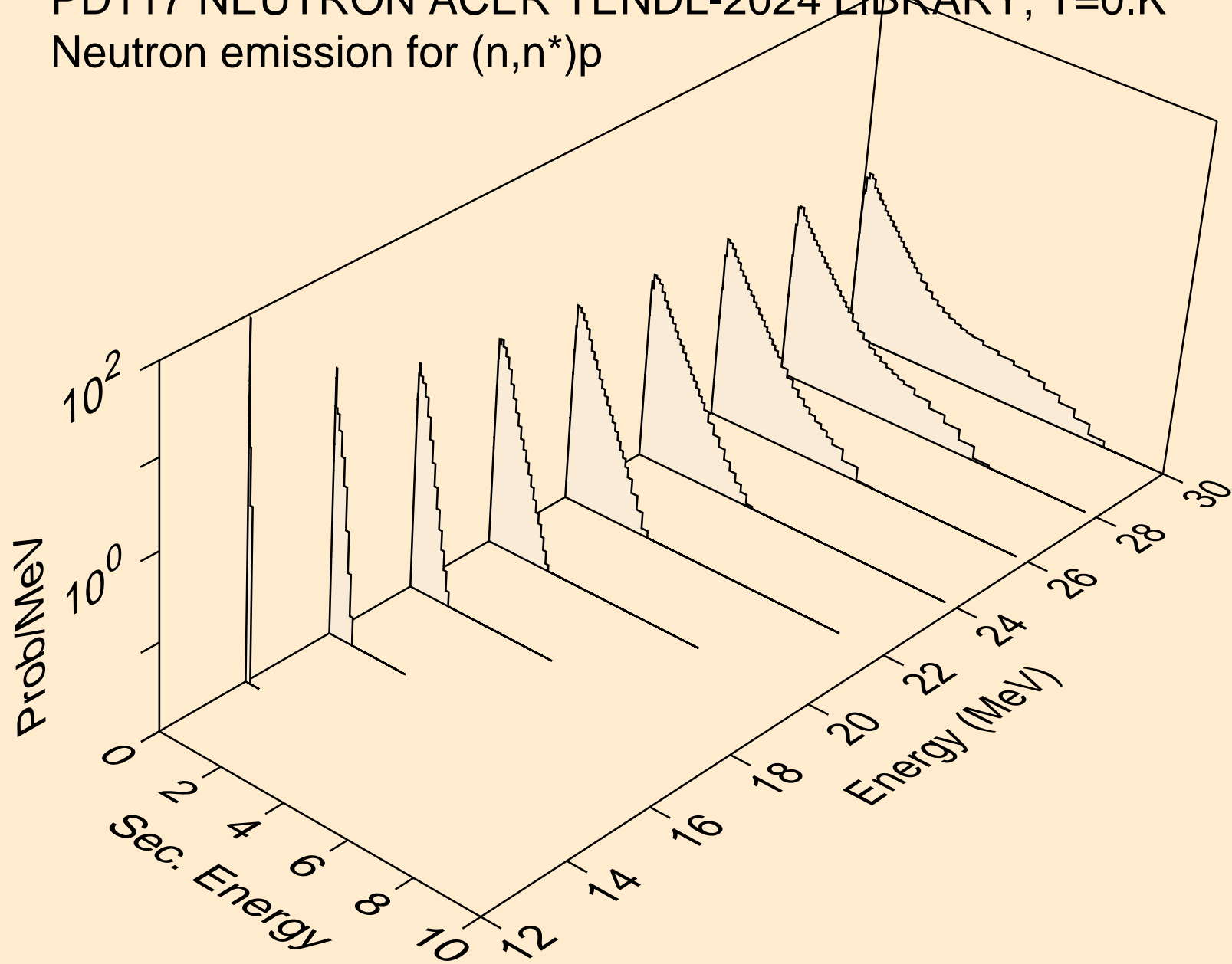
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



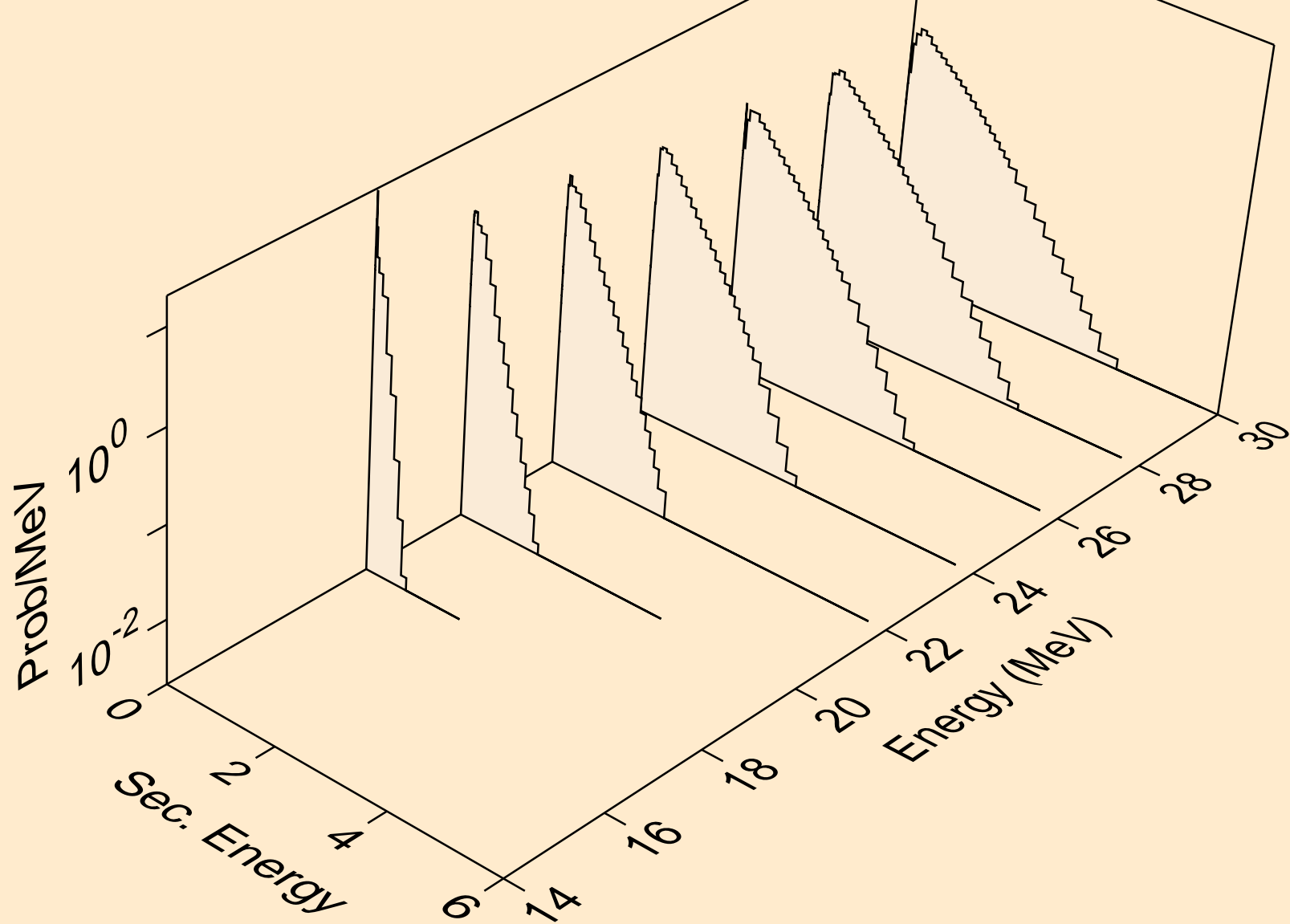
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Neutron emission for (n,3n)a



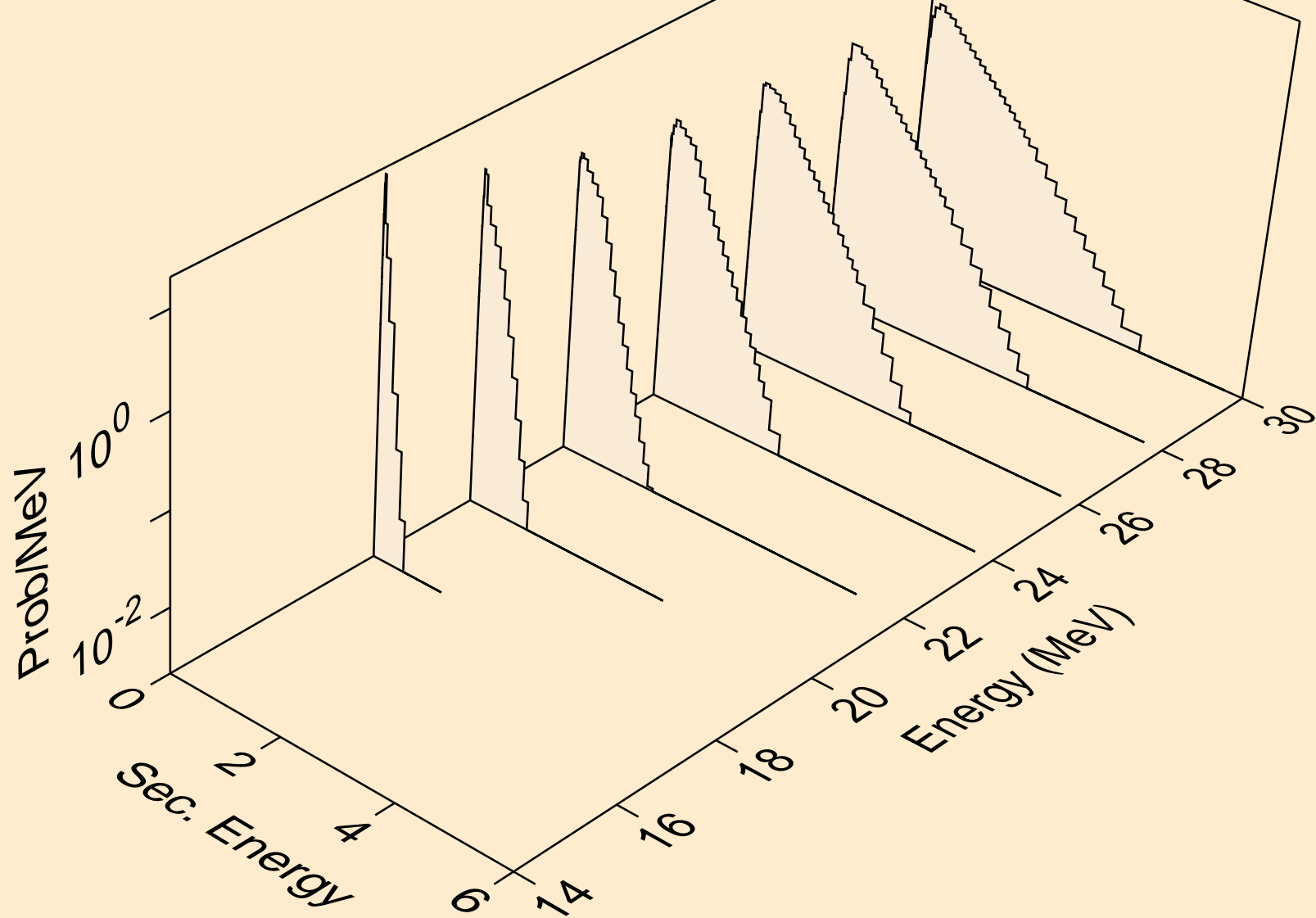
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

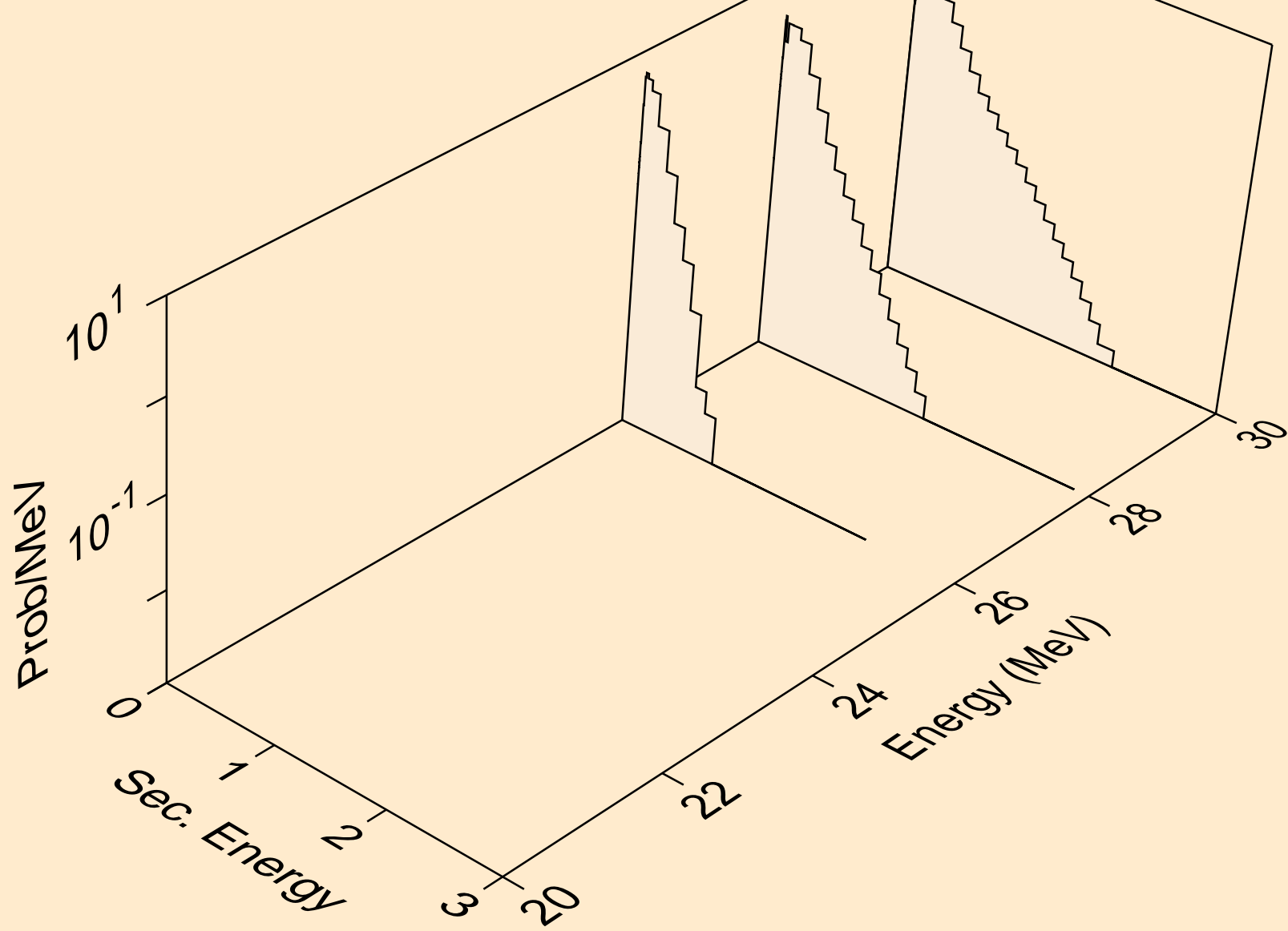


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

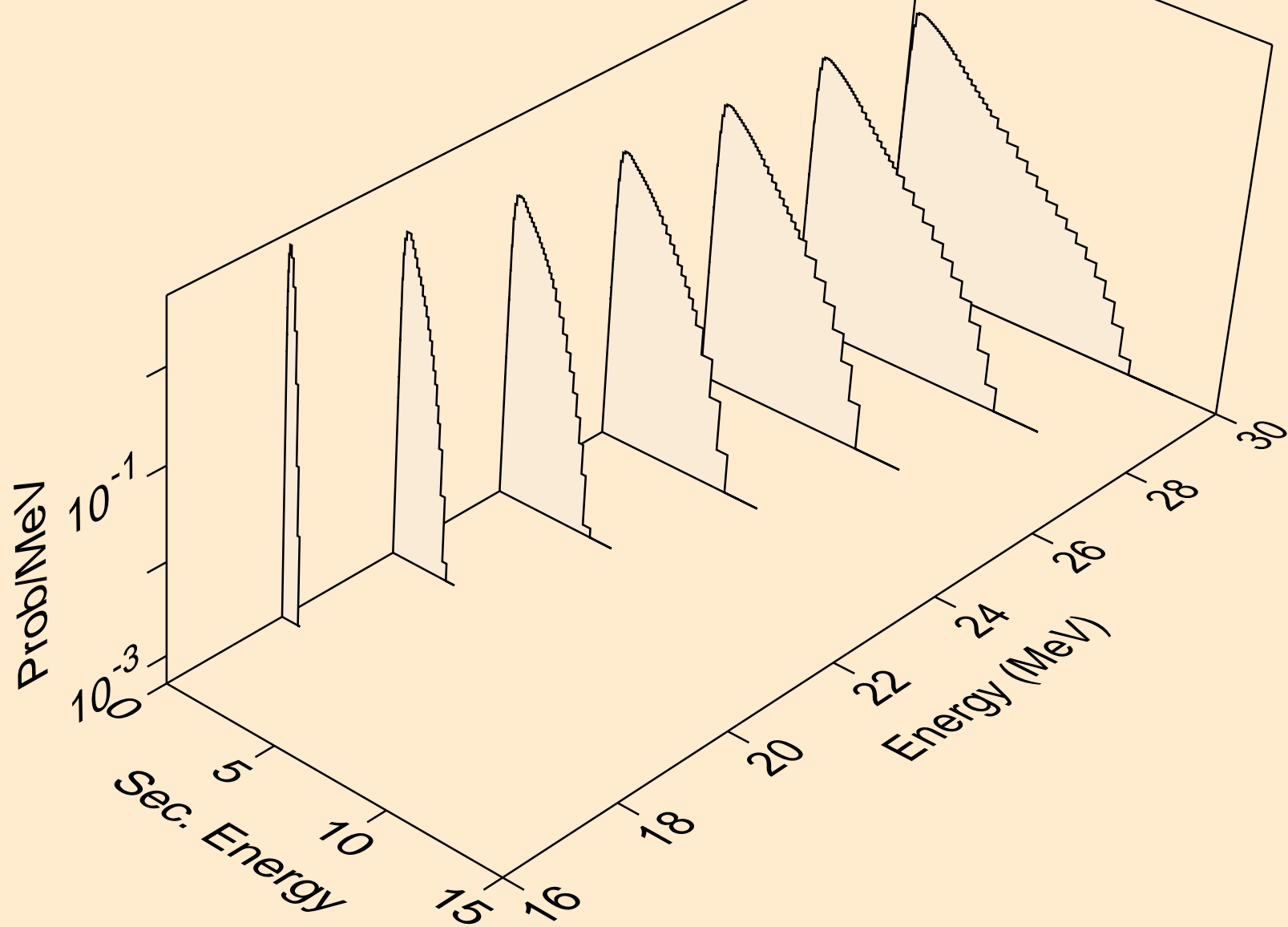




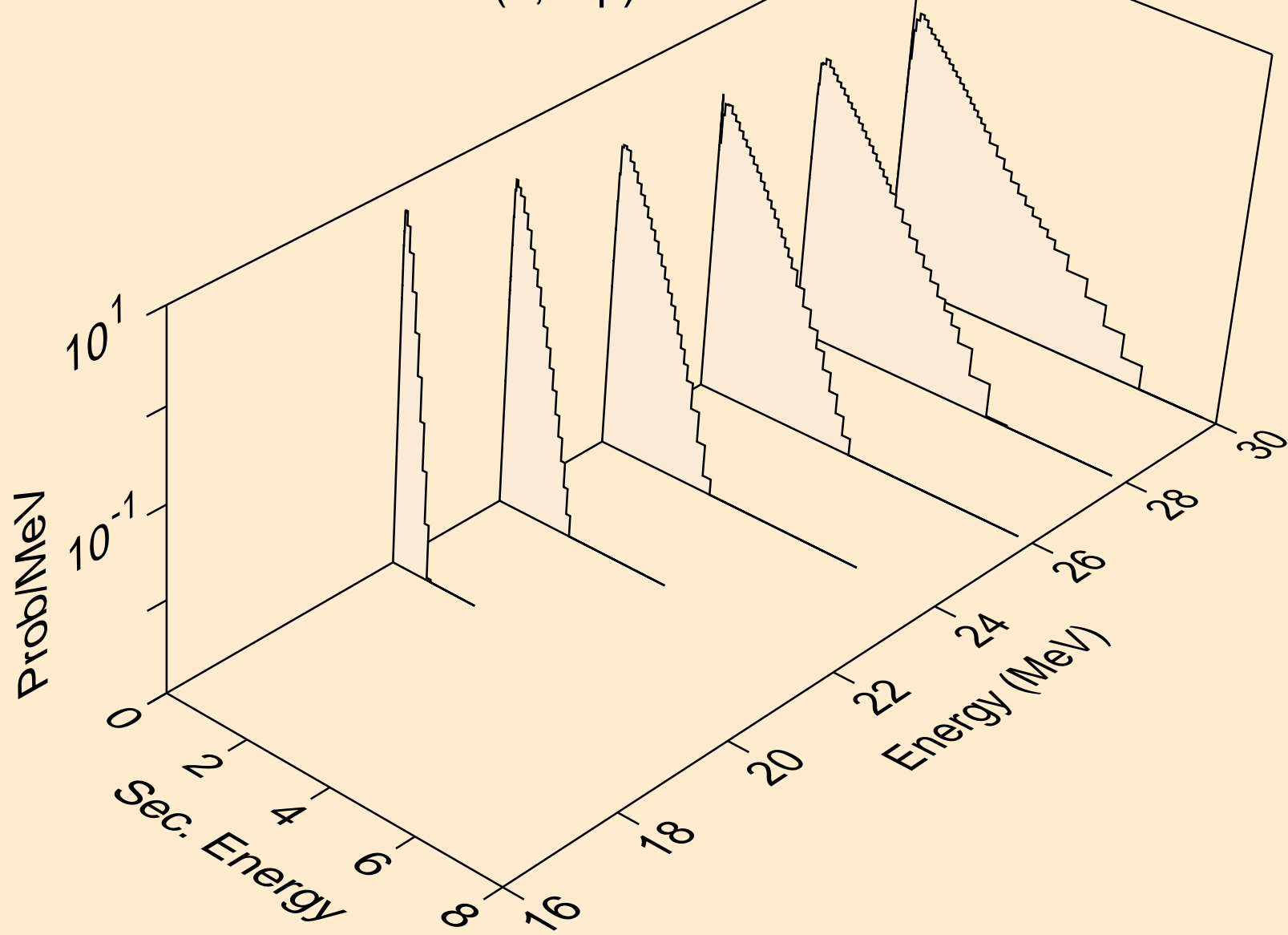
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



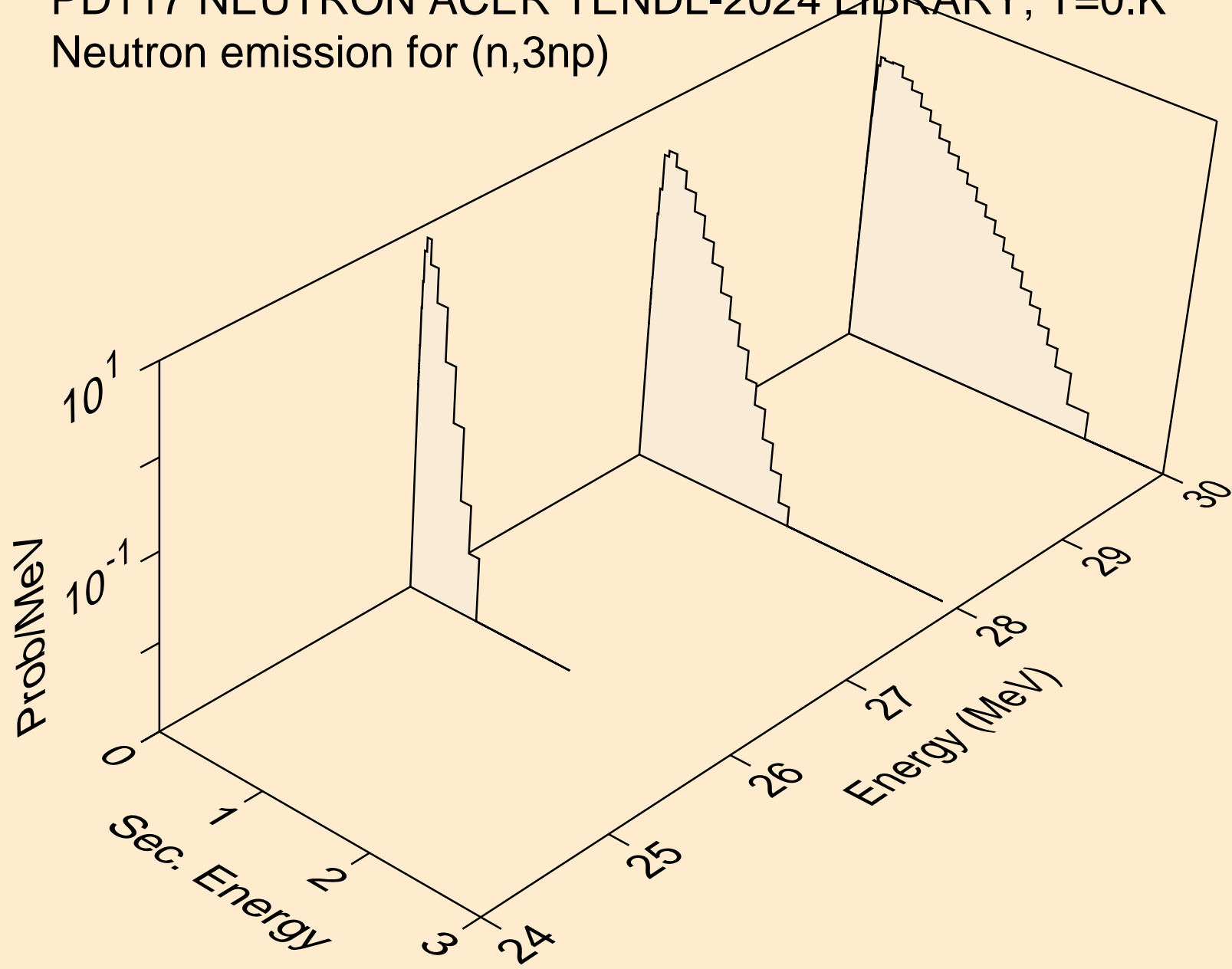
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



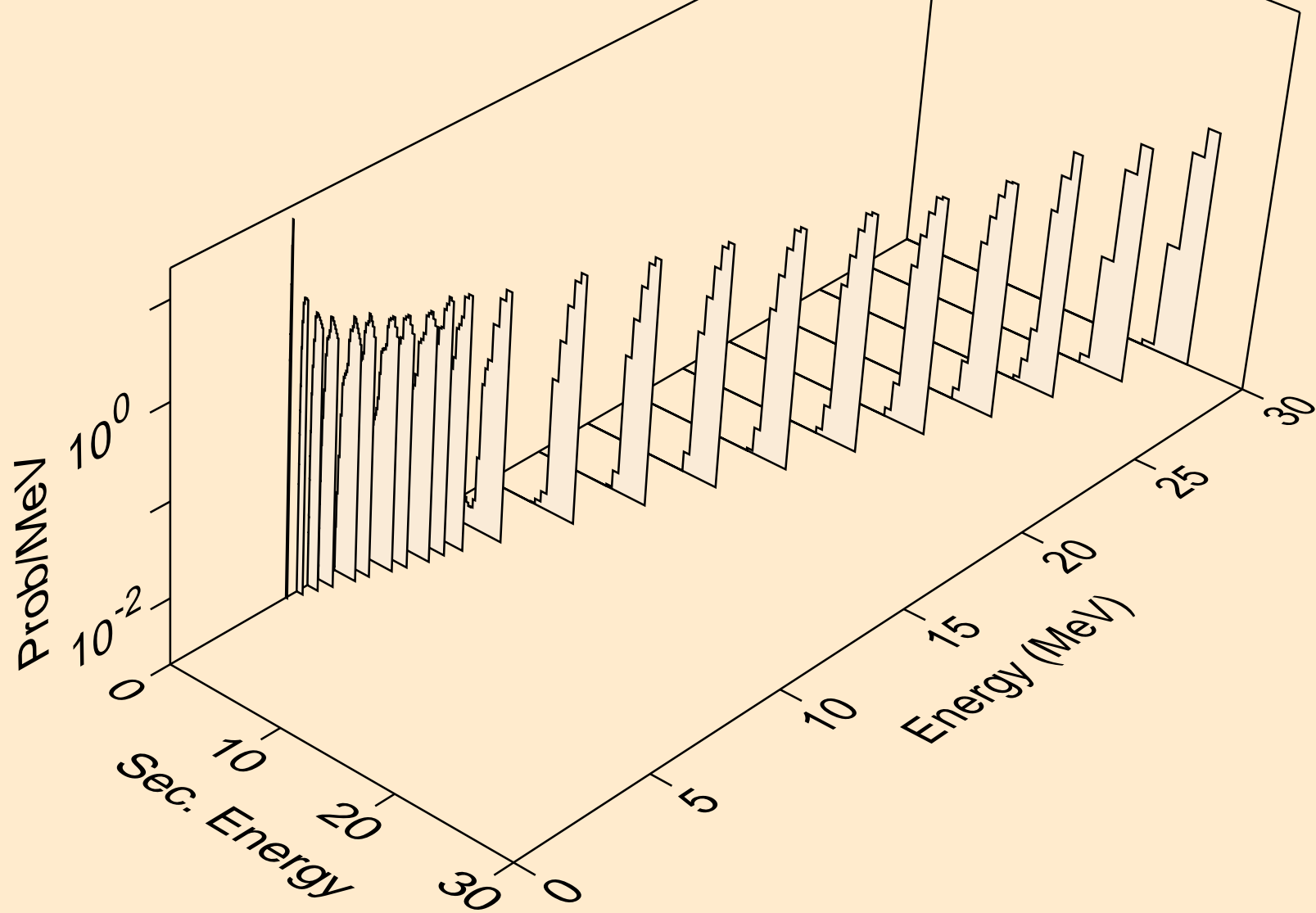
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



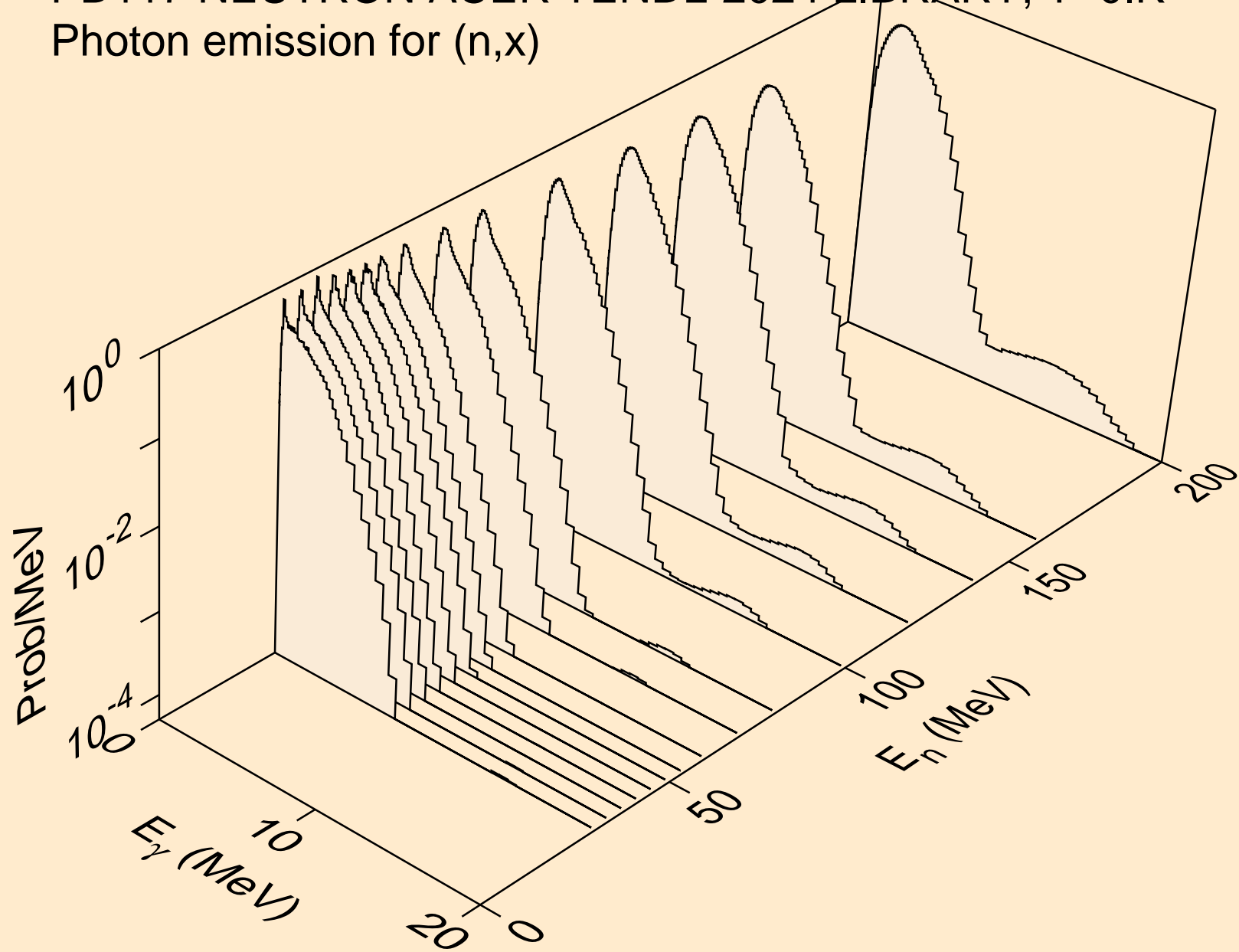
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



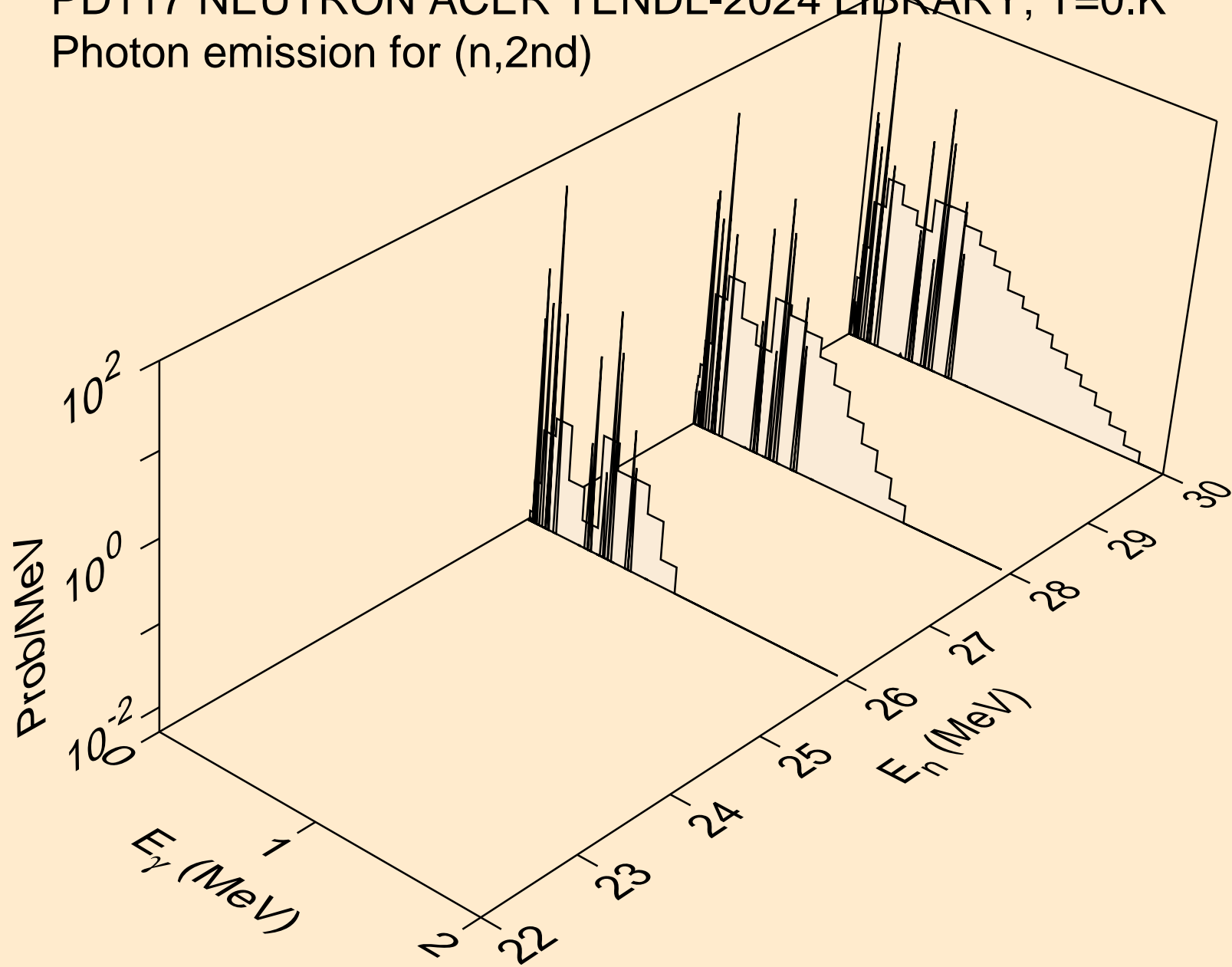
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



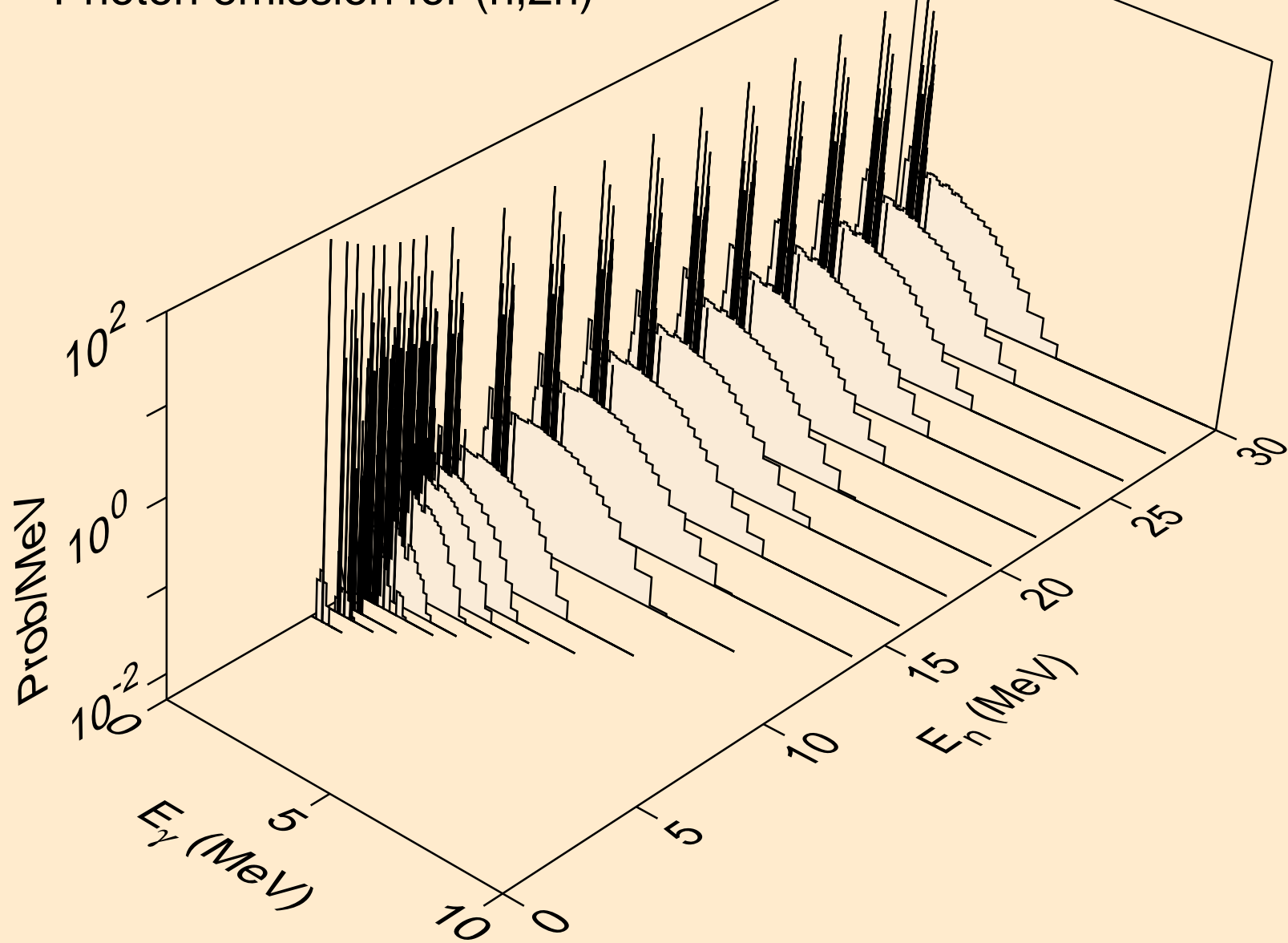
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

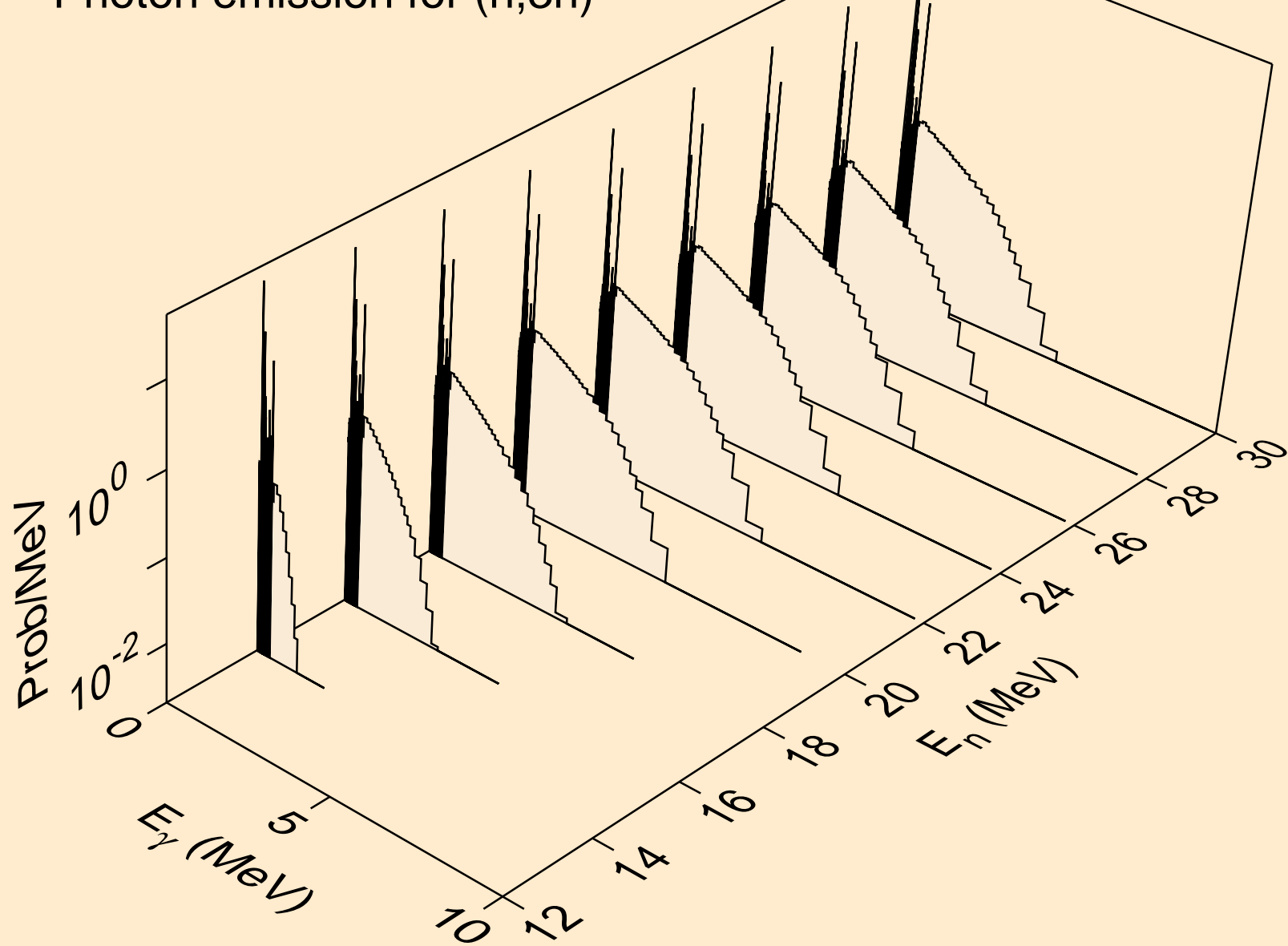


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

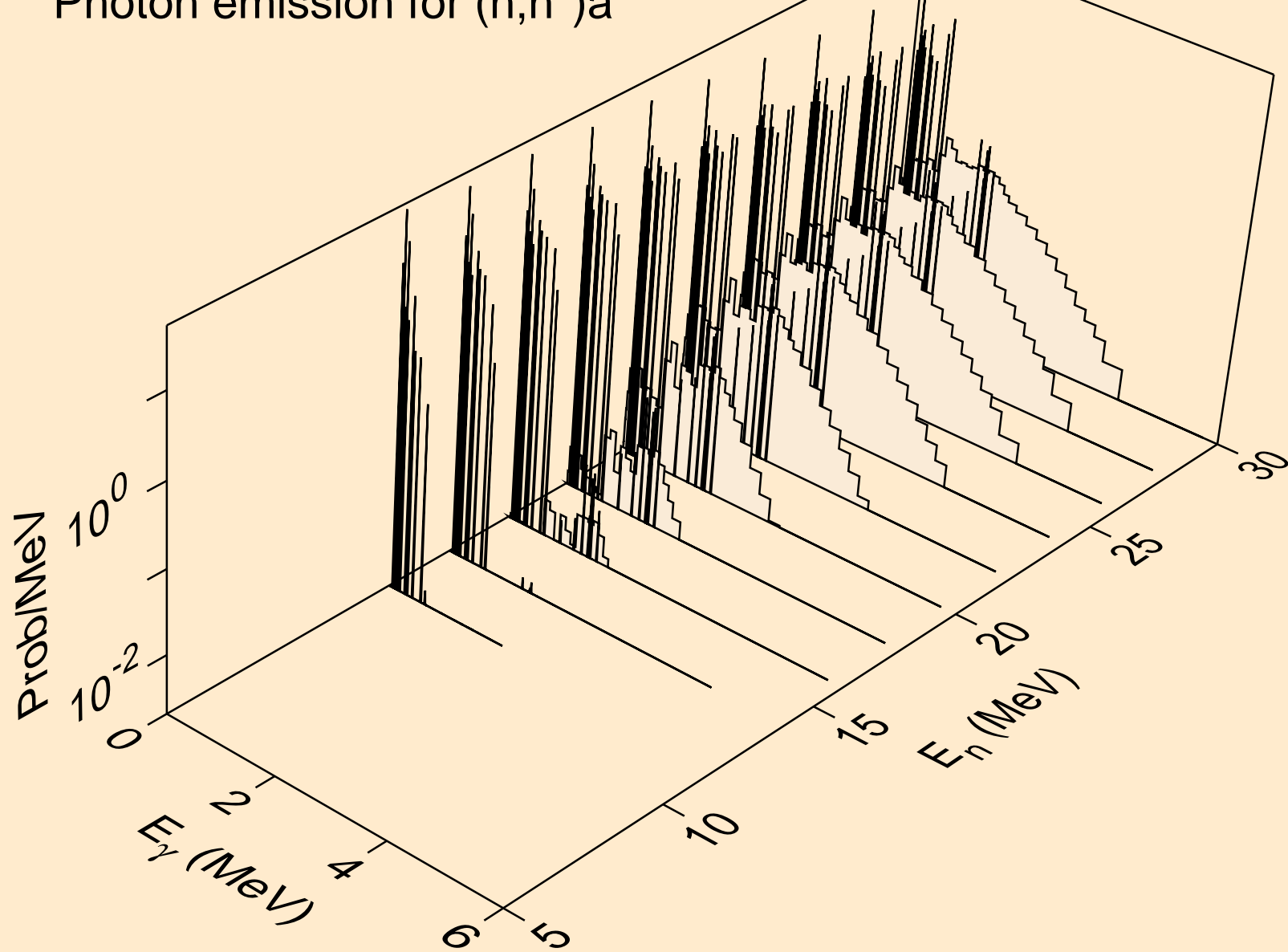




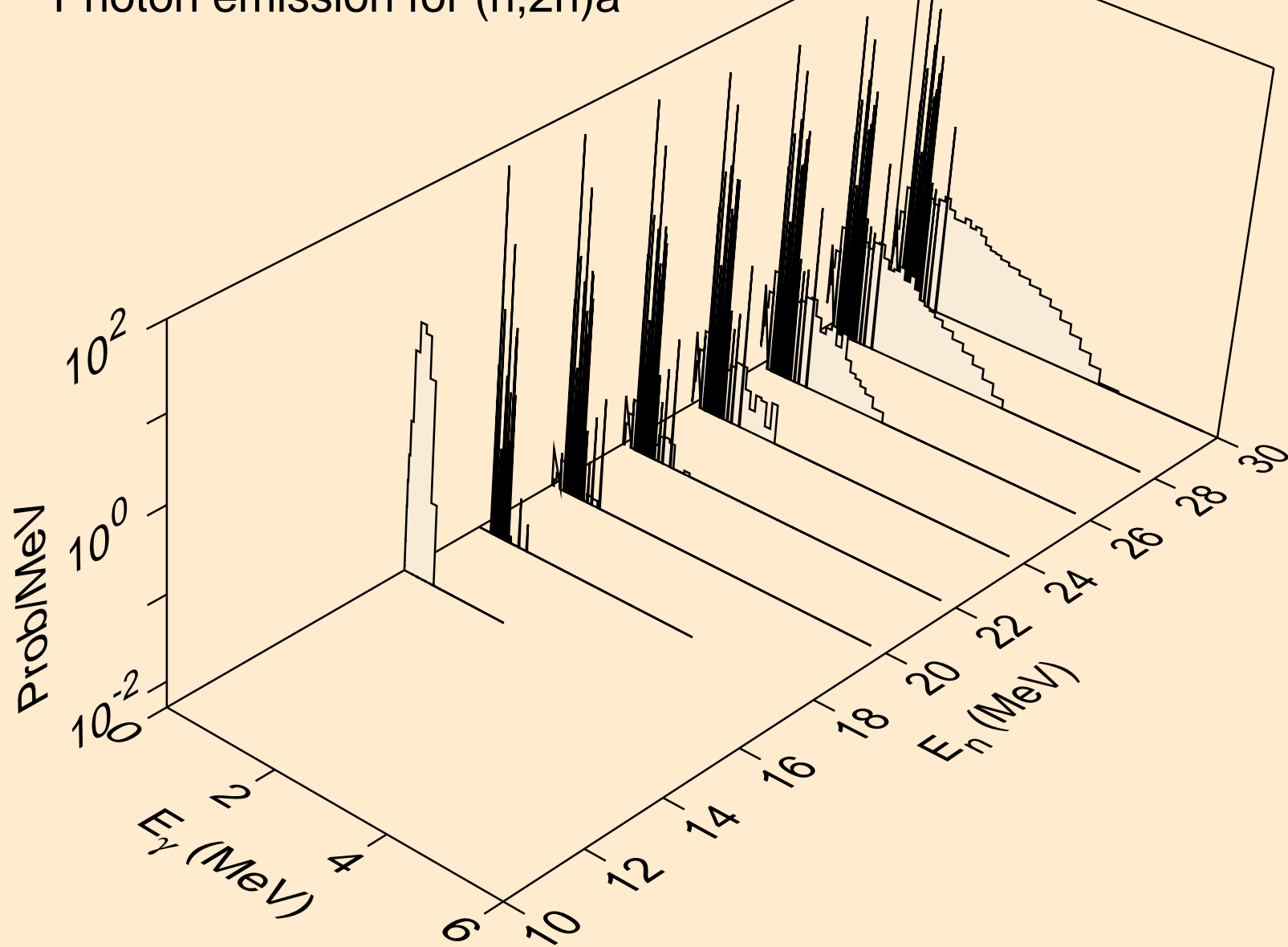
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



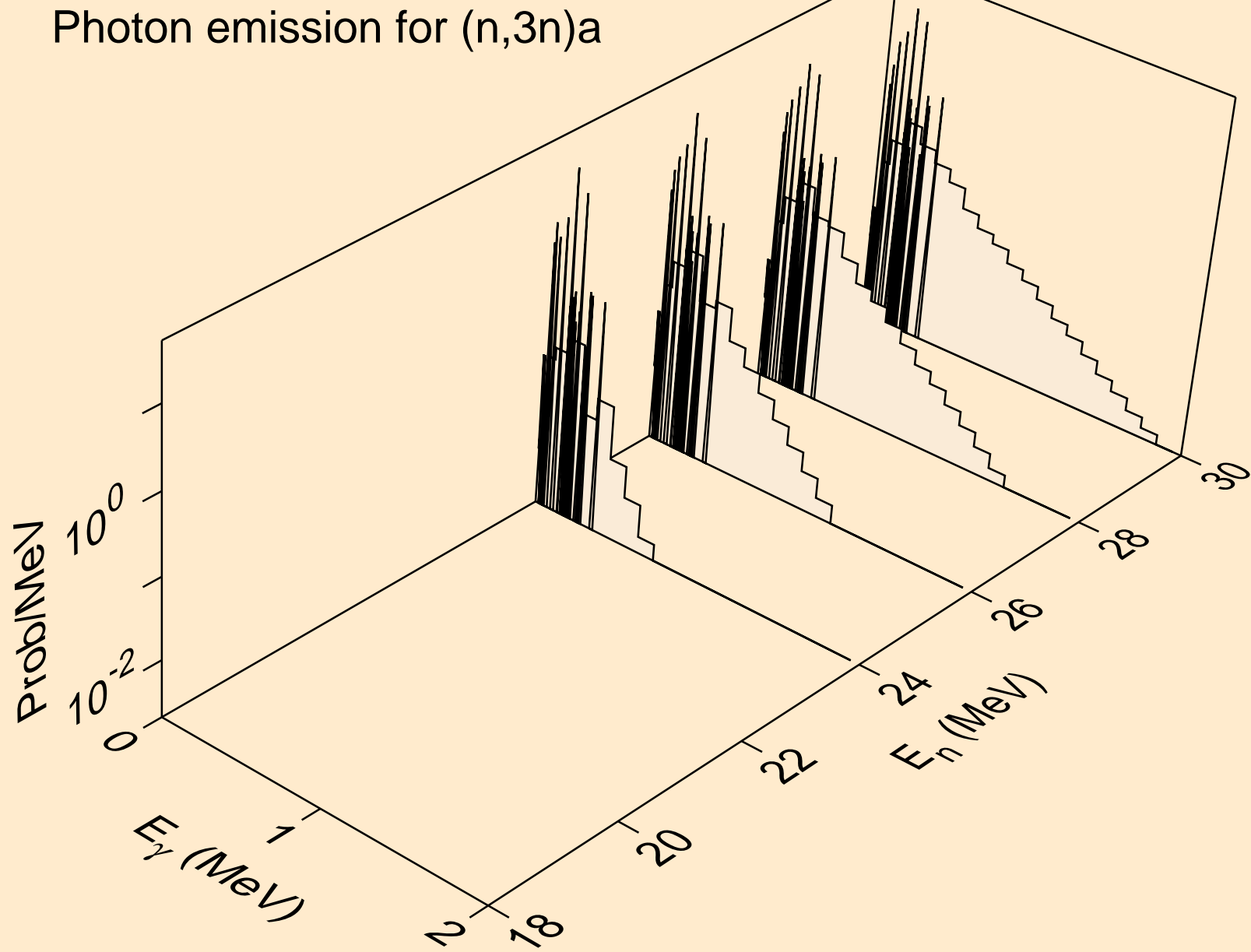
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



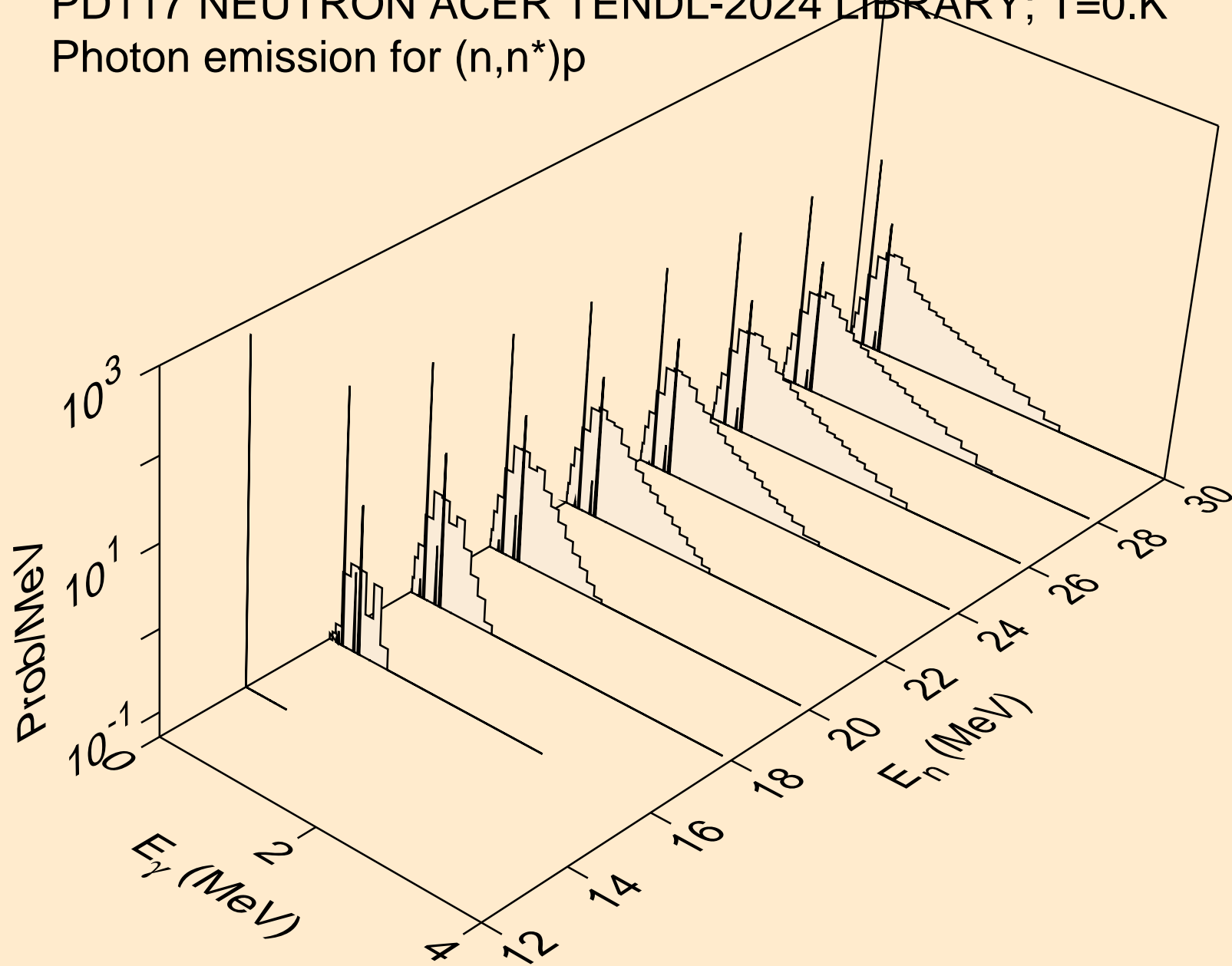
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Photon emission for (n,2n)a



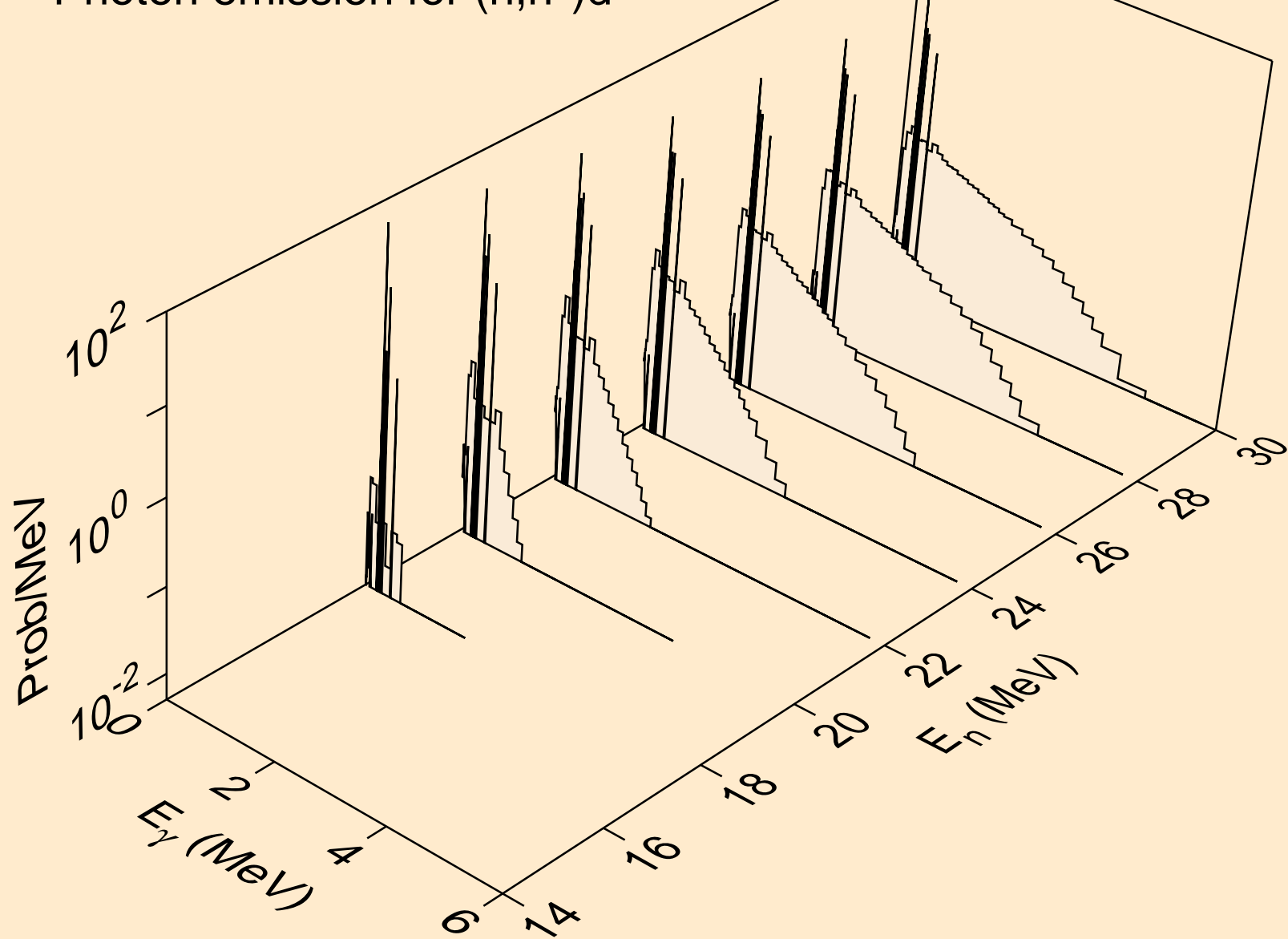
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Photon emission for (n,3n)a



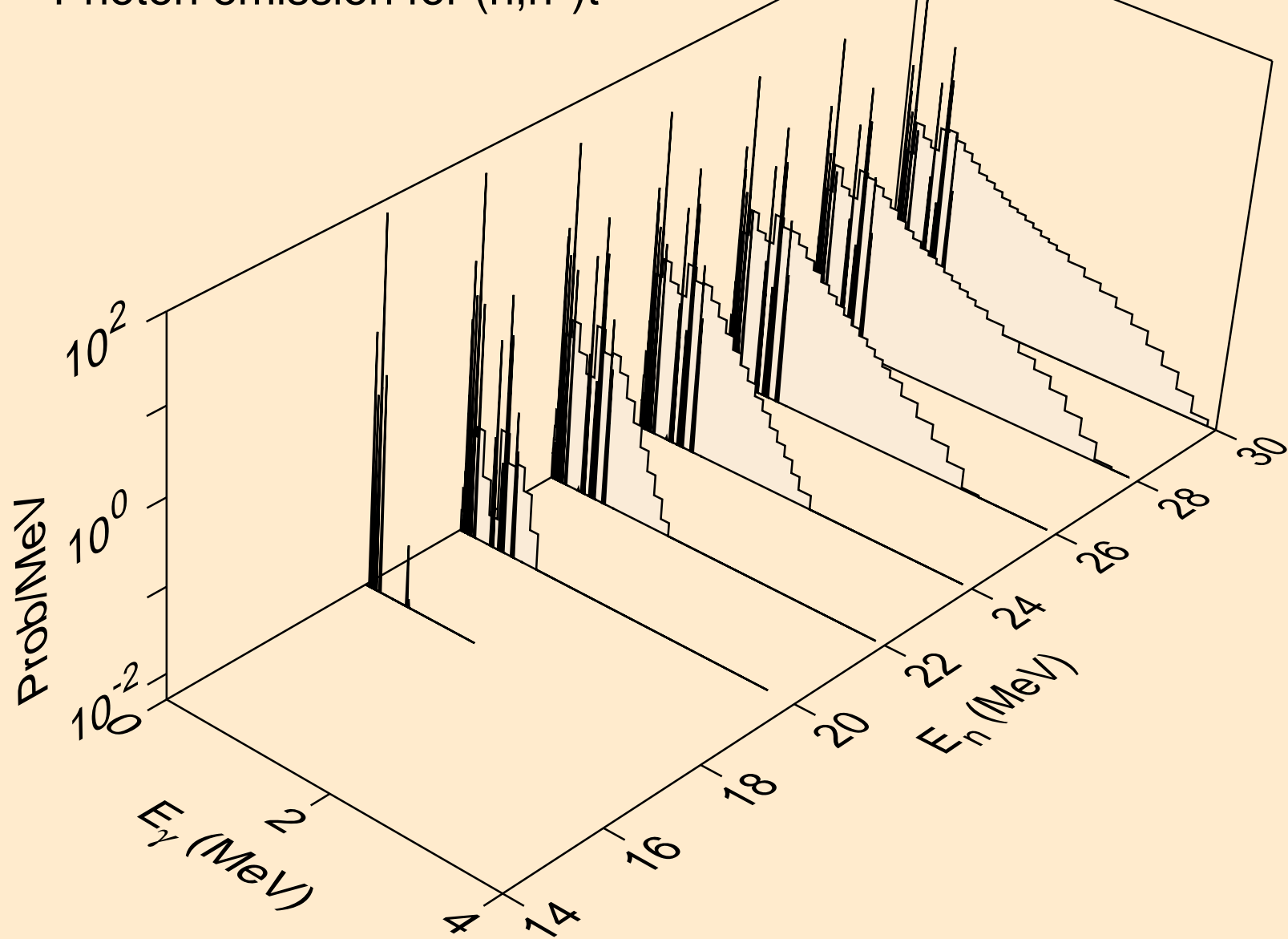
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



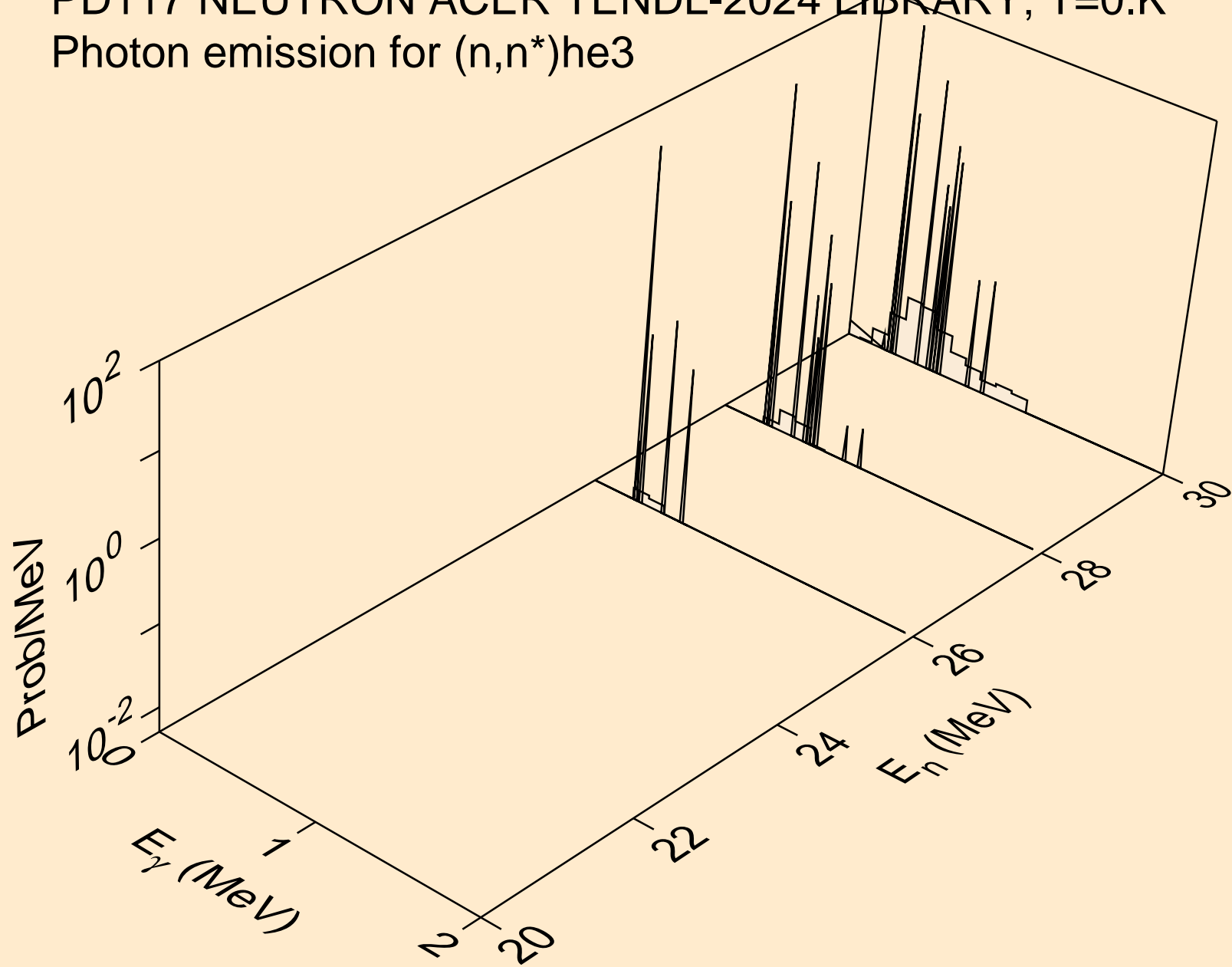
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

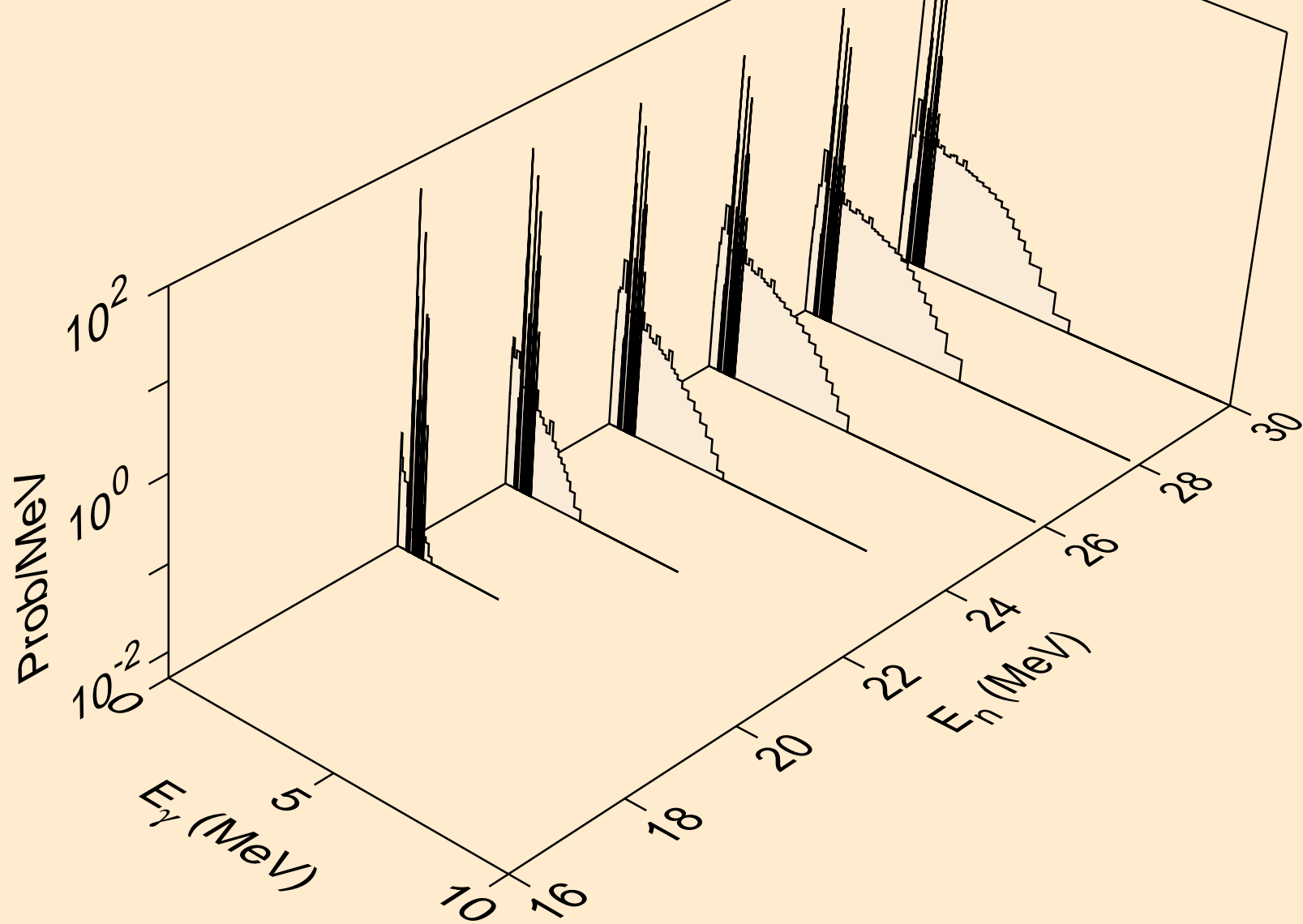


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

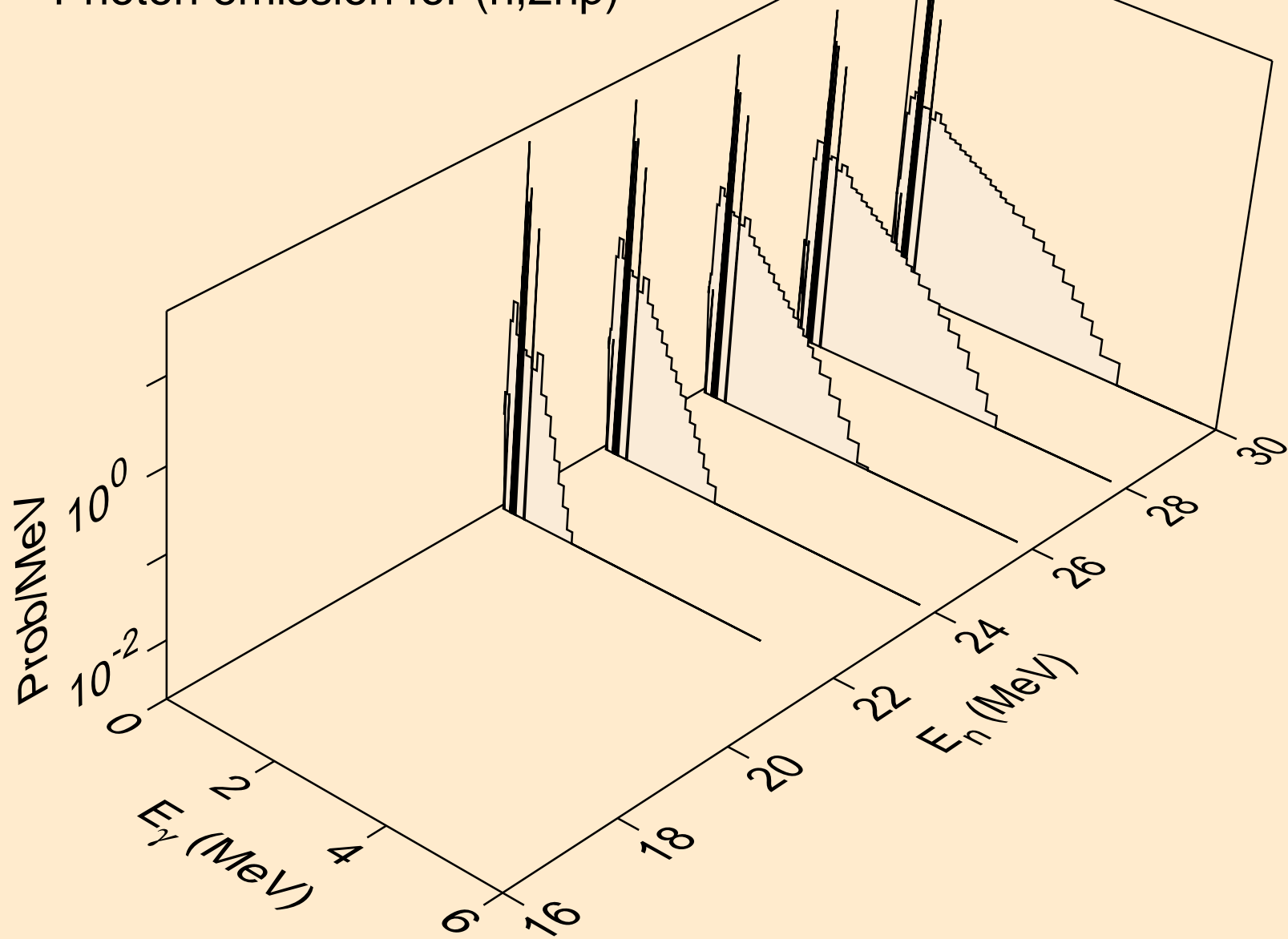




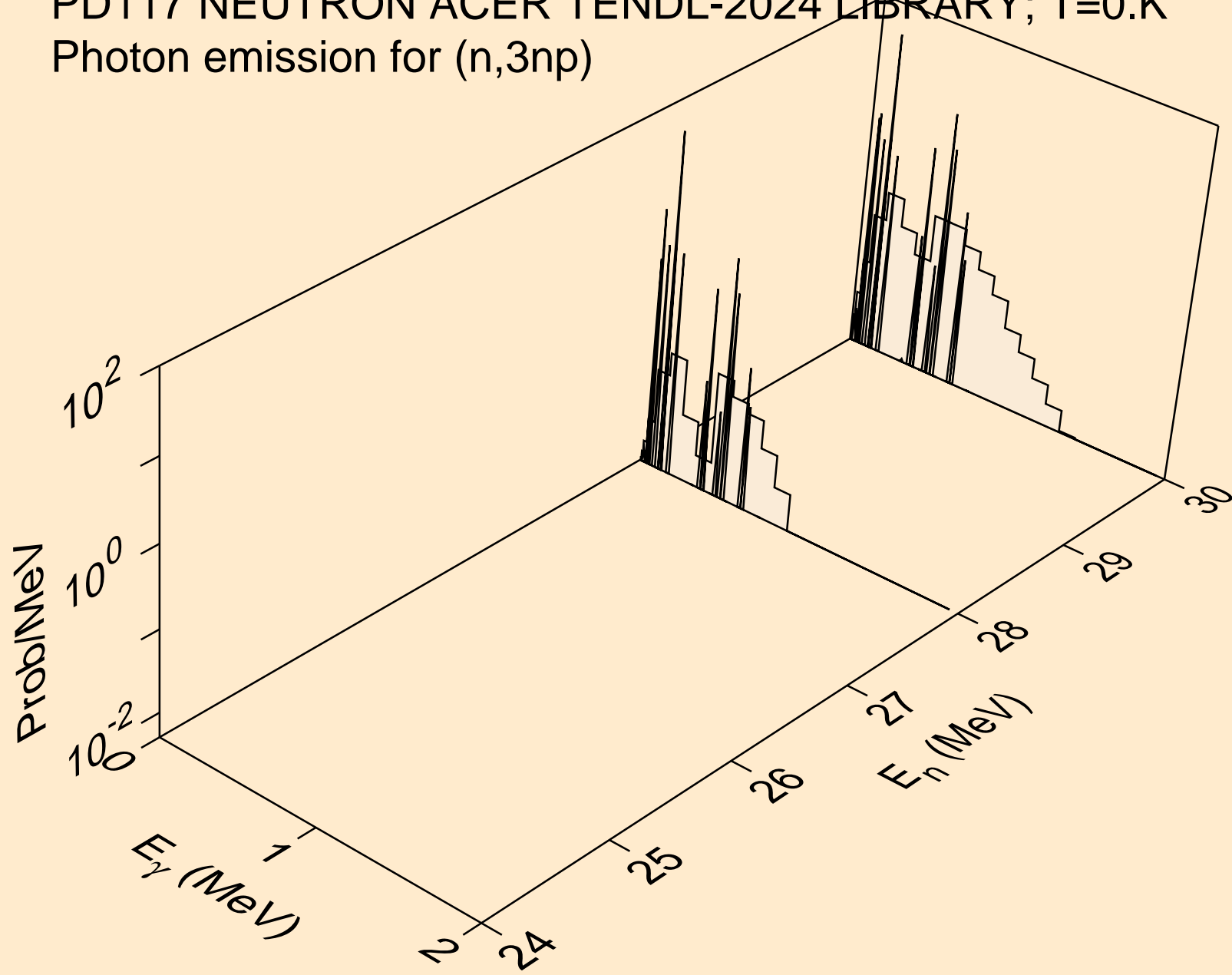
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



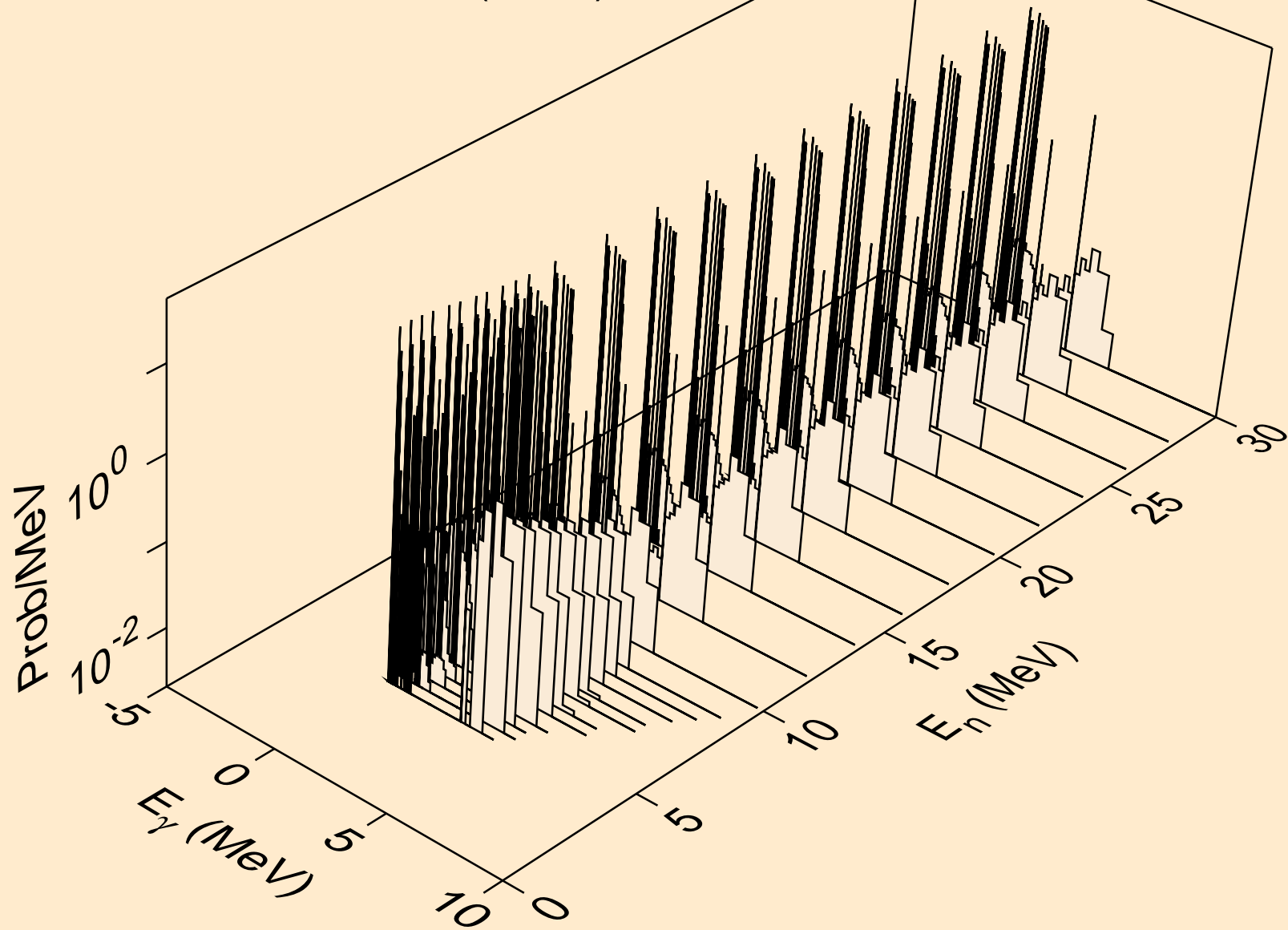
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



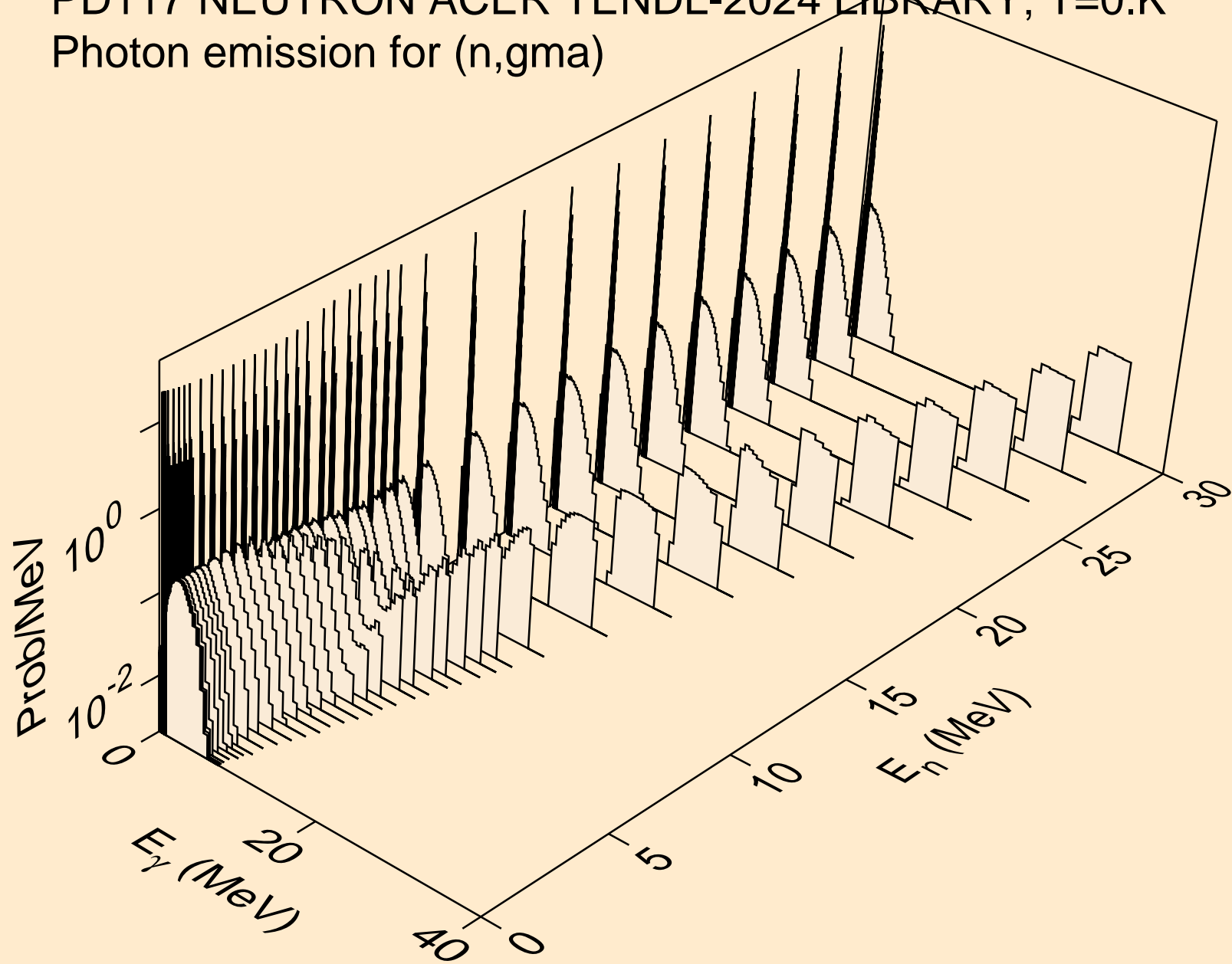
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



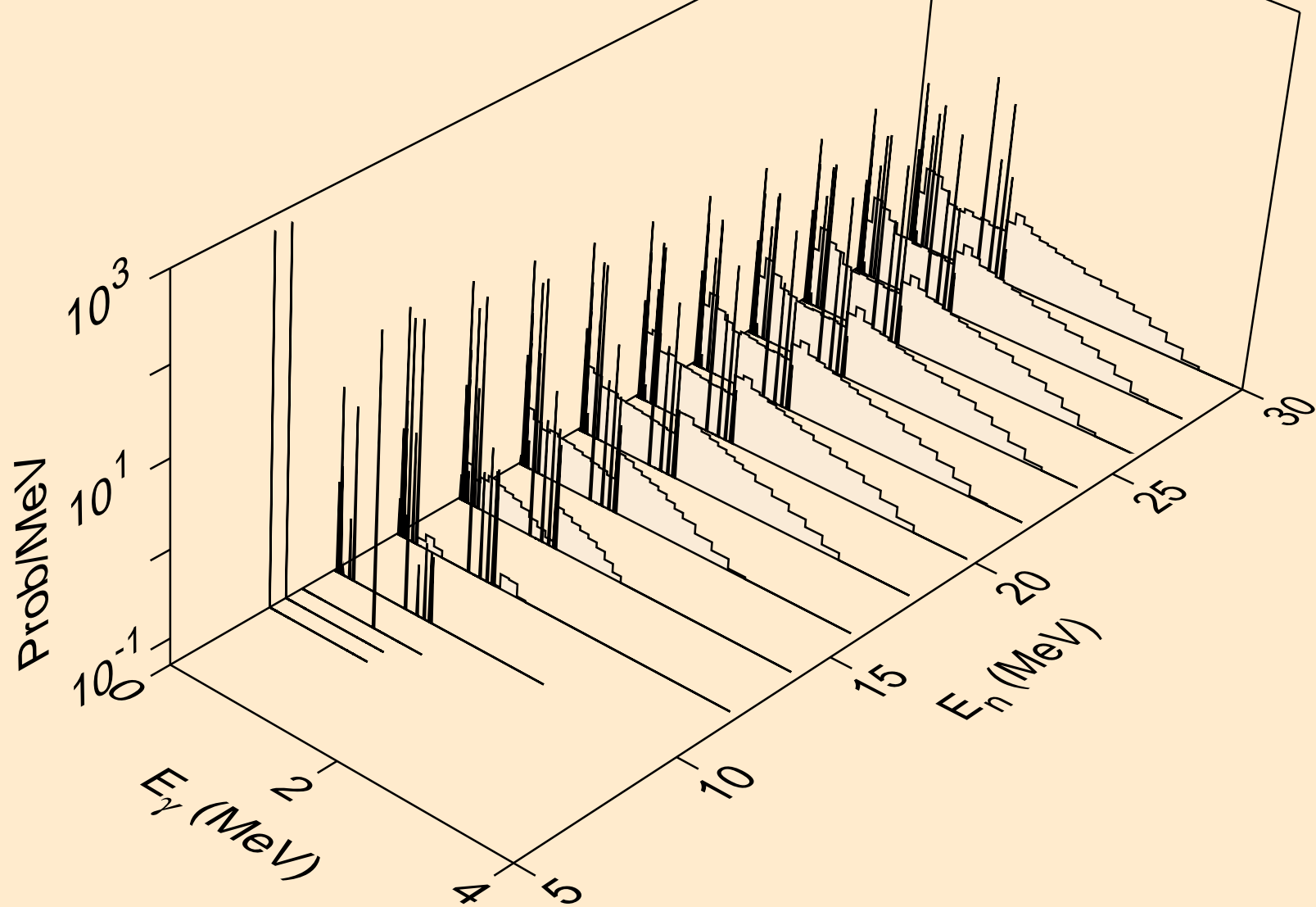
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



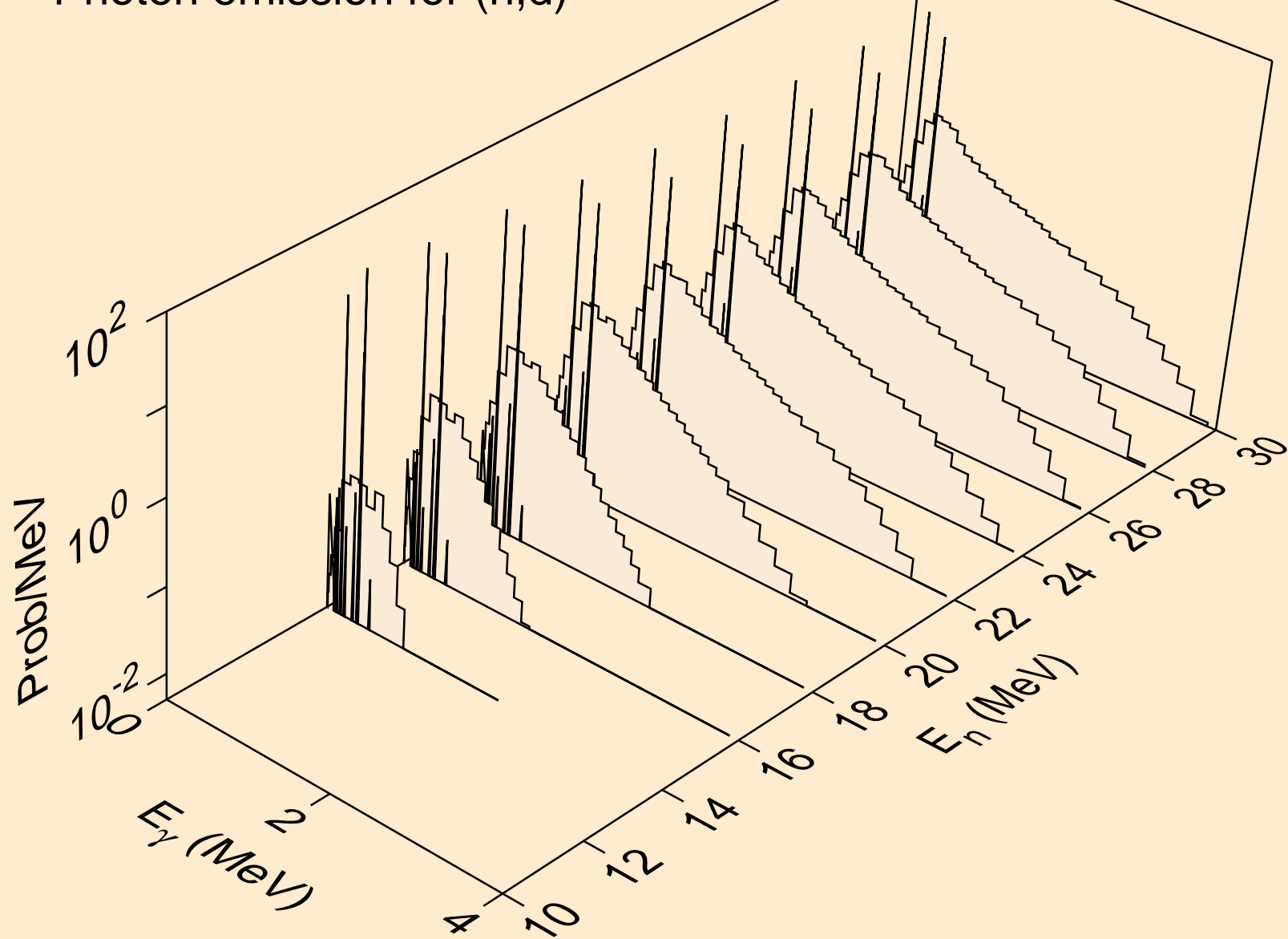
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



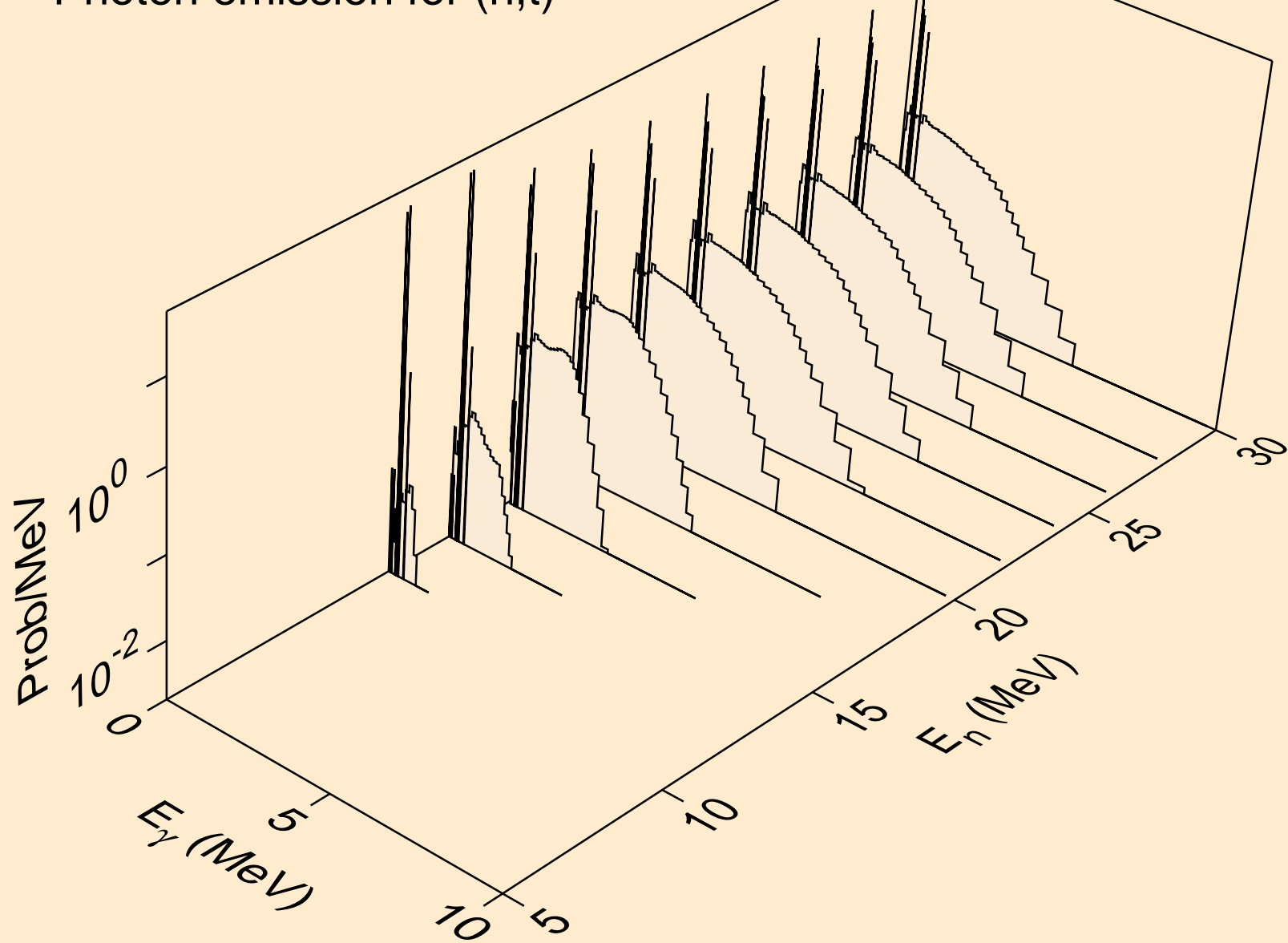
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

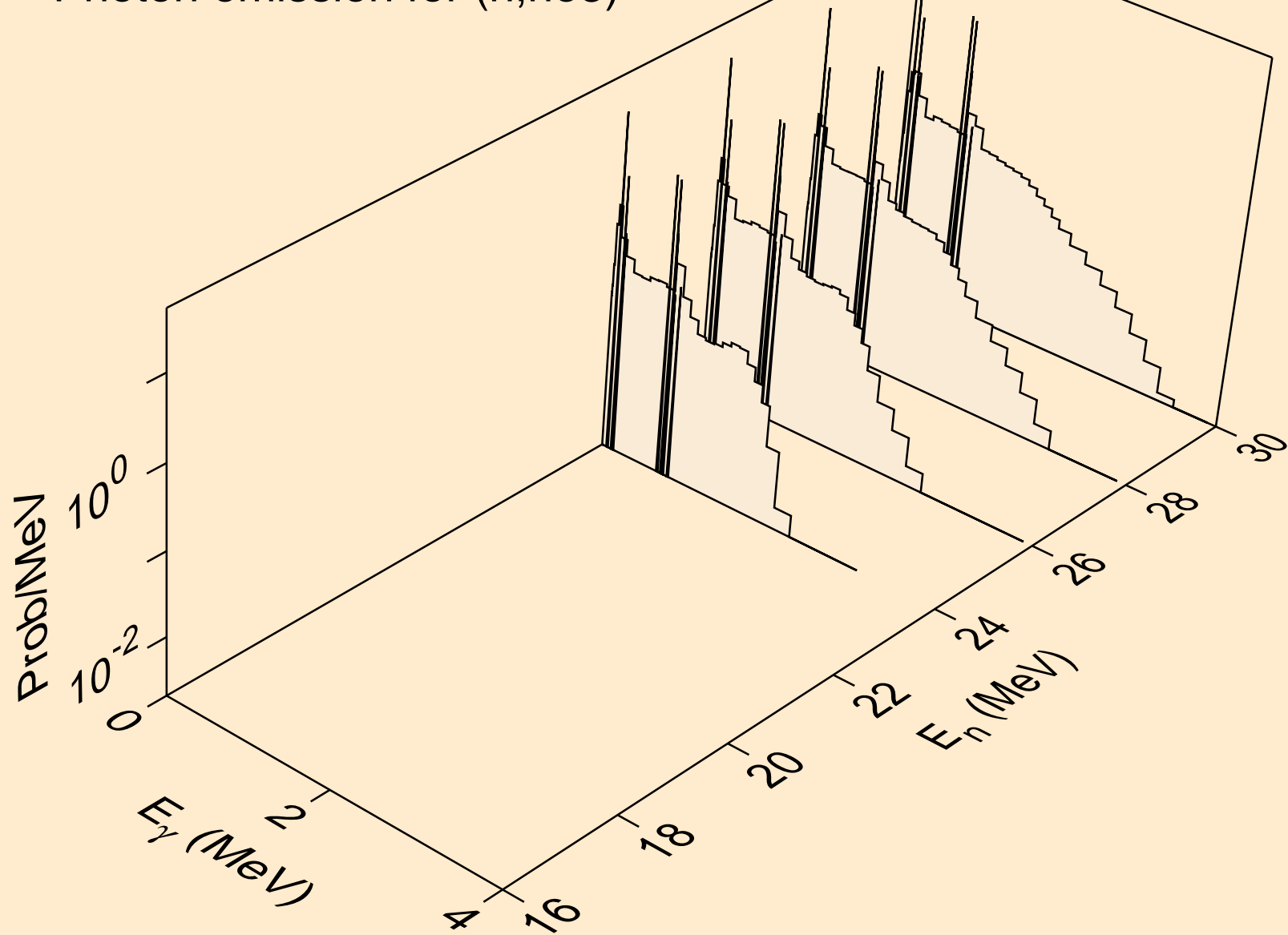


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

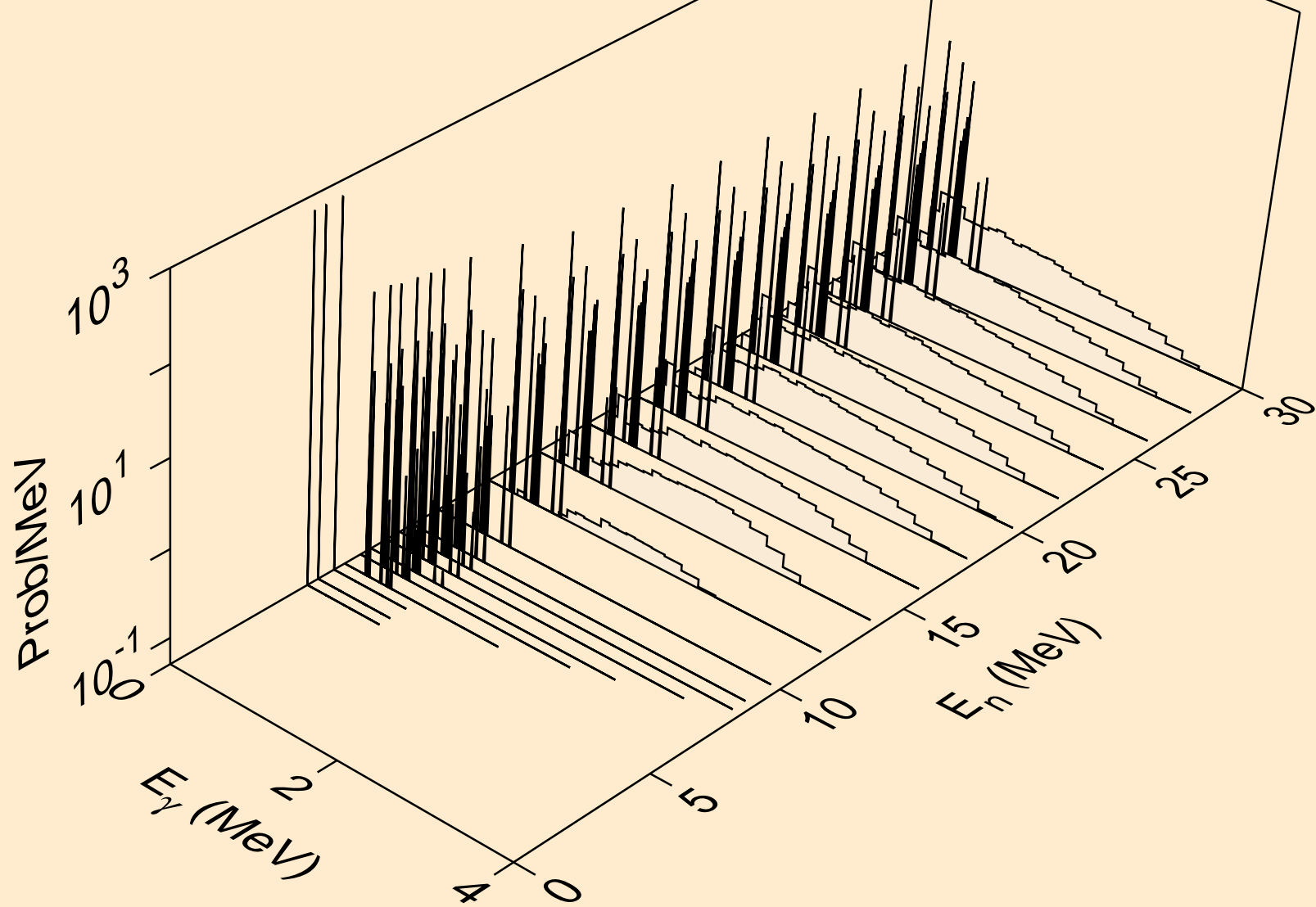




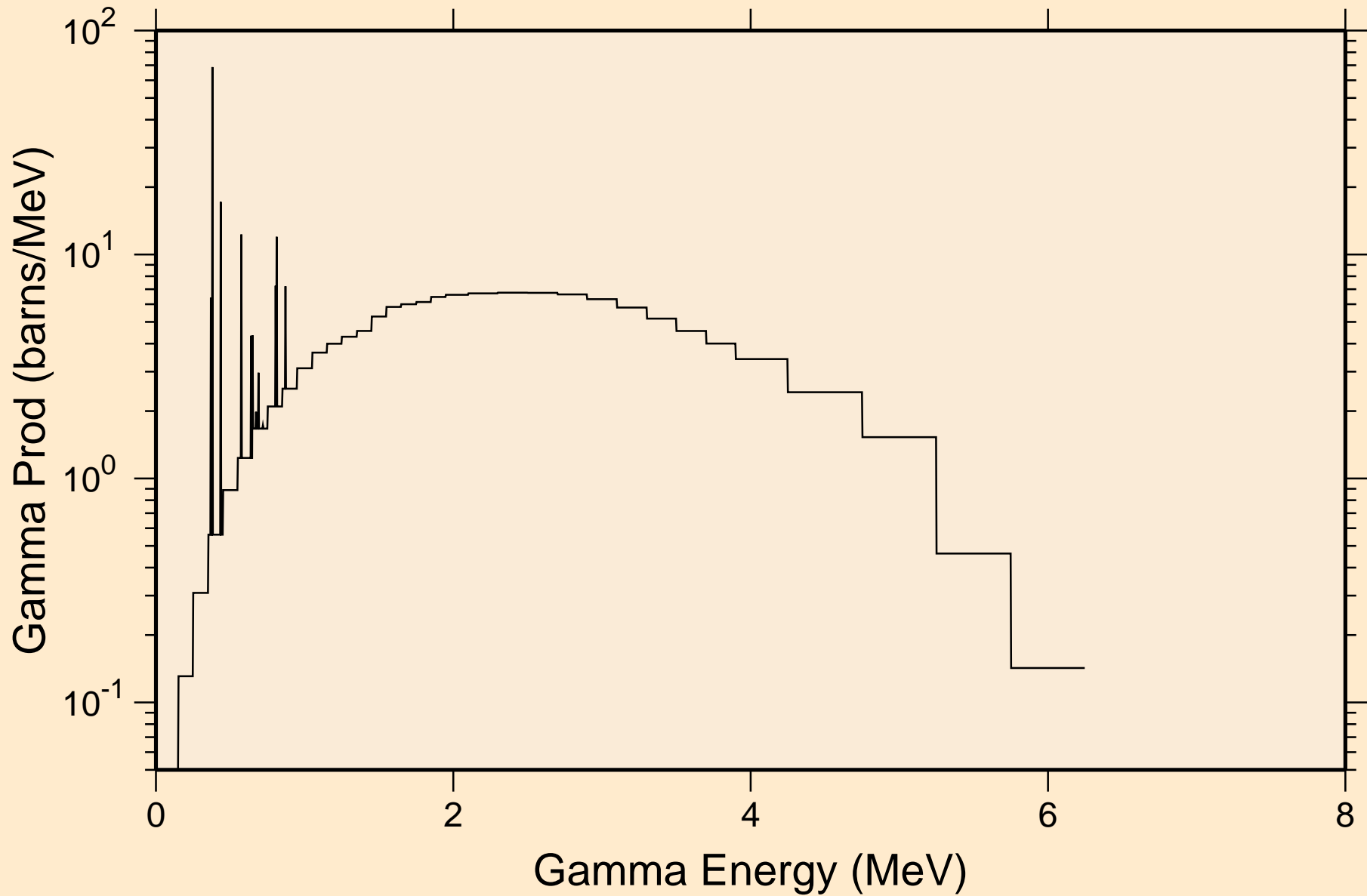
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



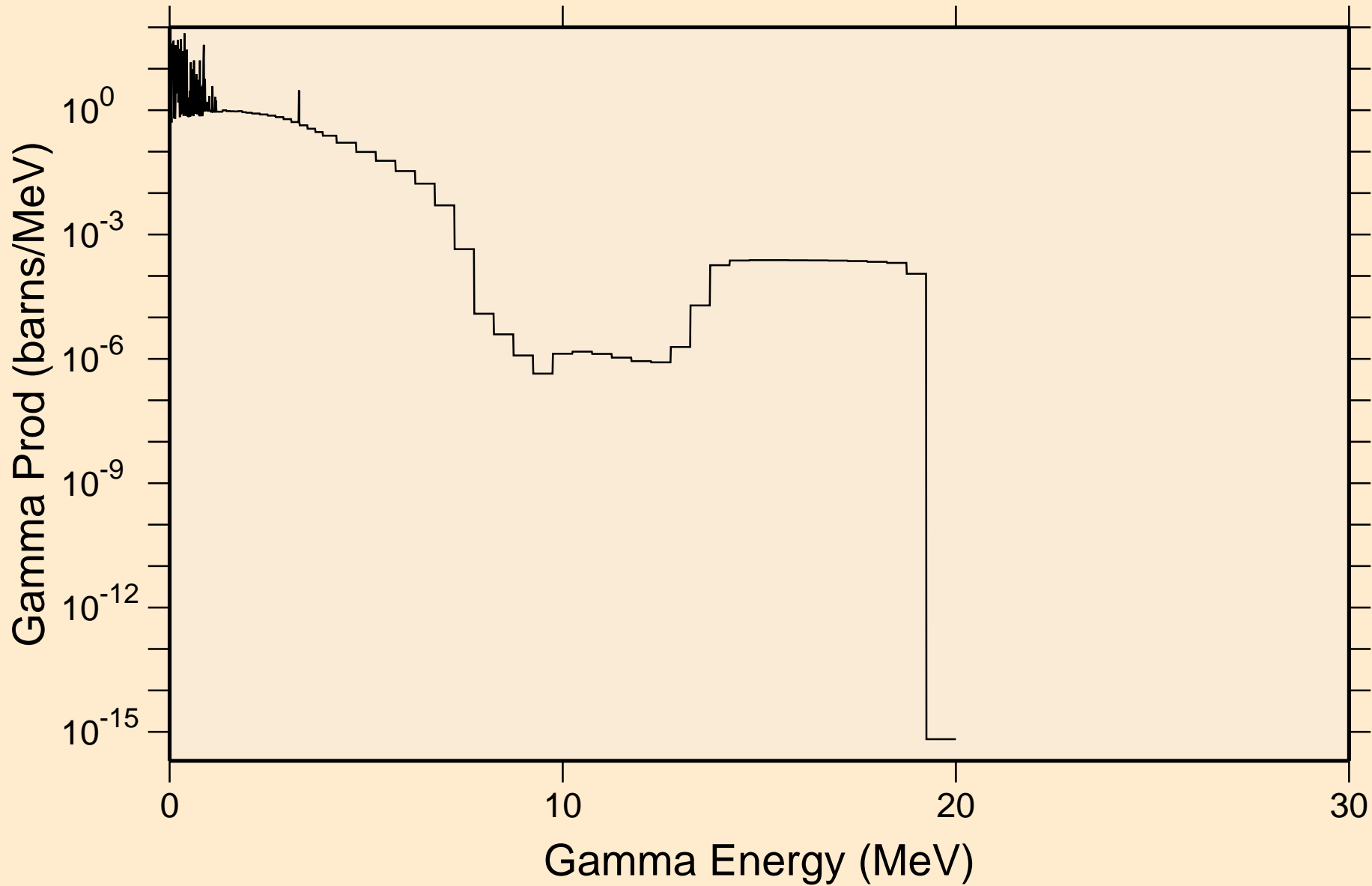
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



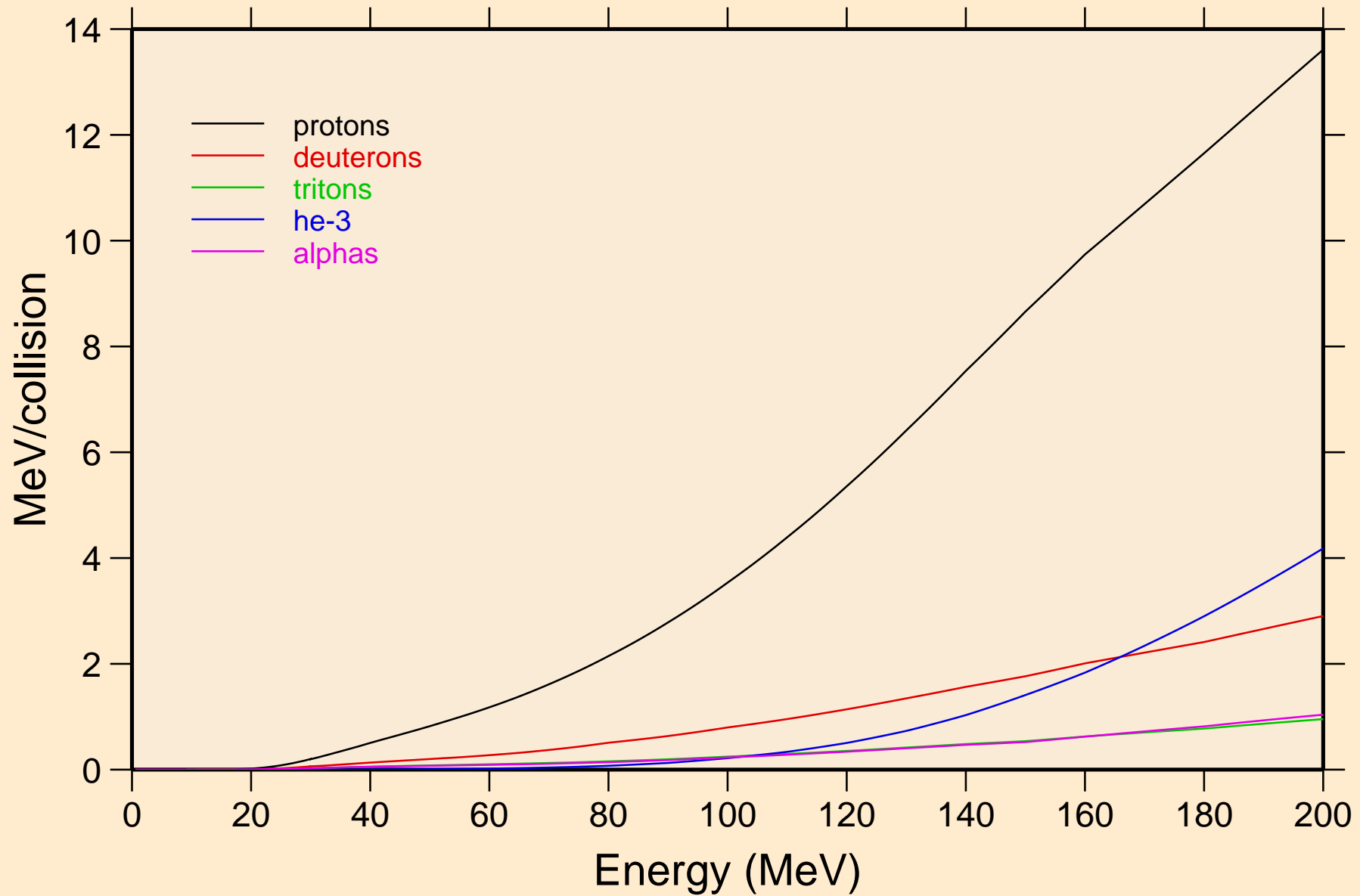
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



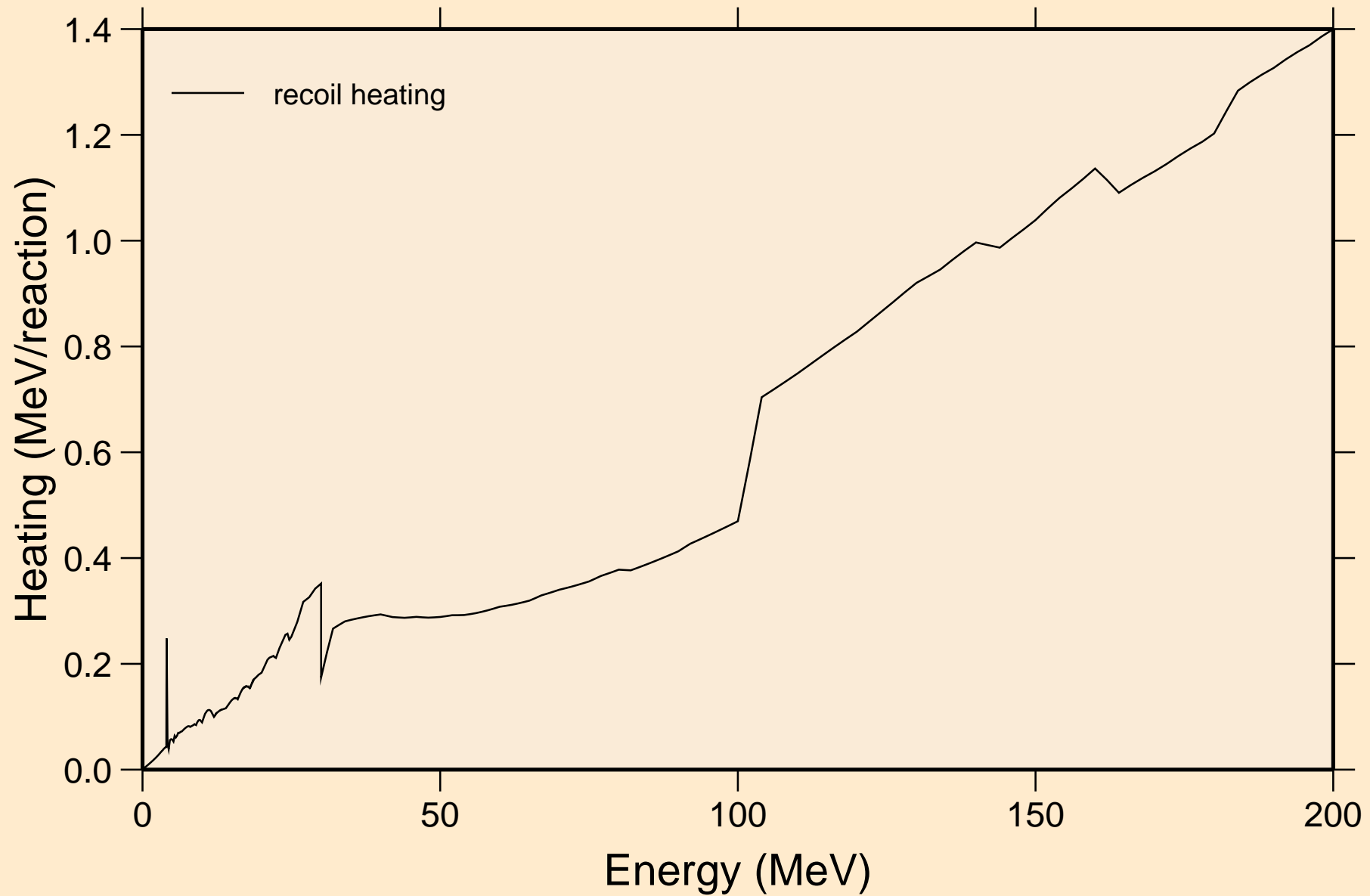
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



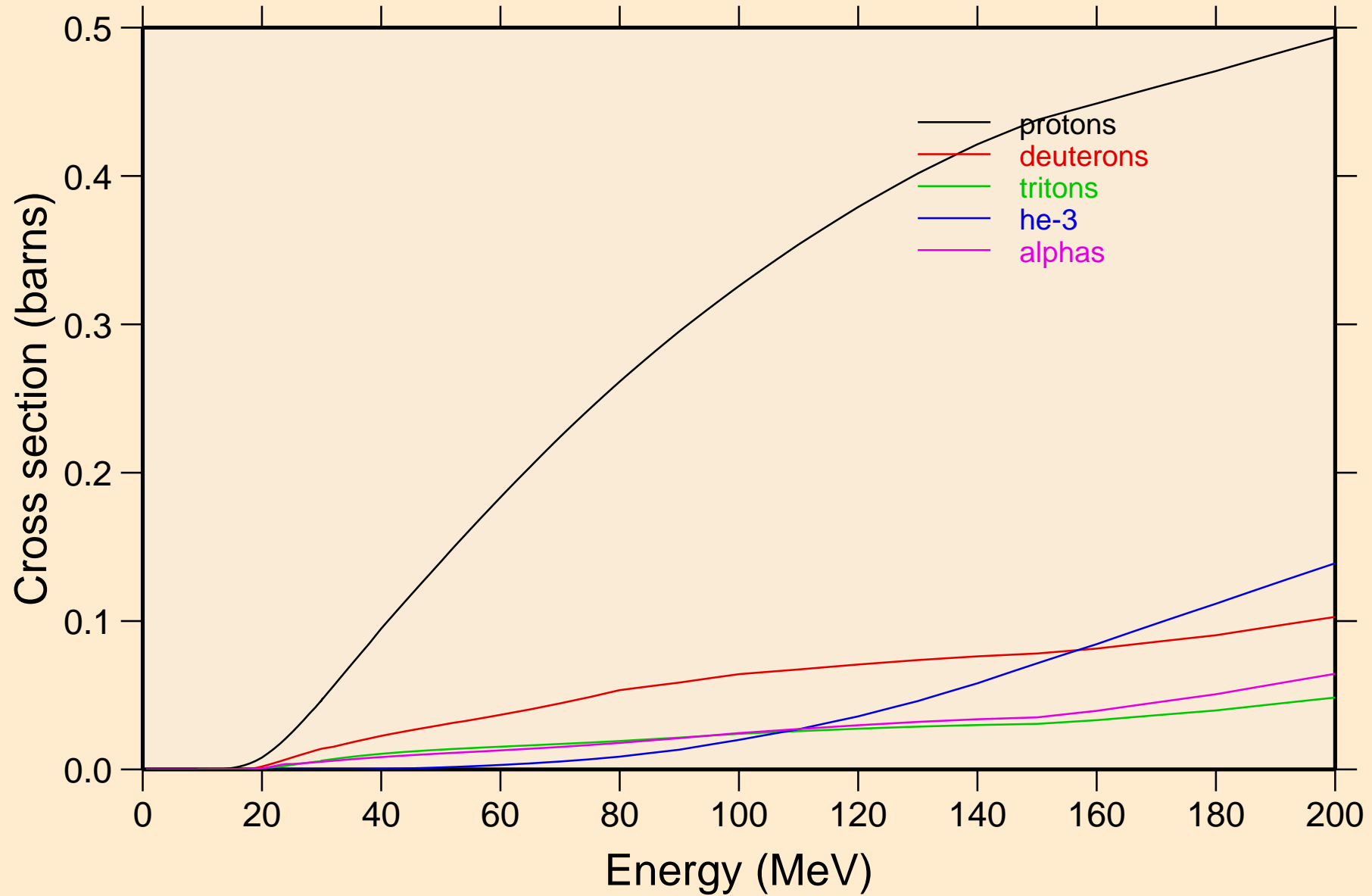
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Particle heating contributions



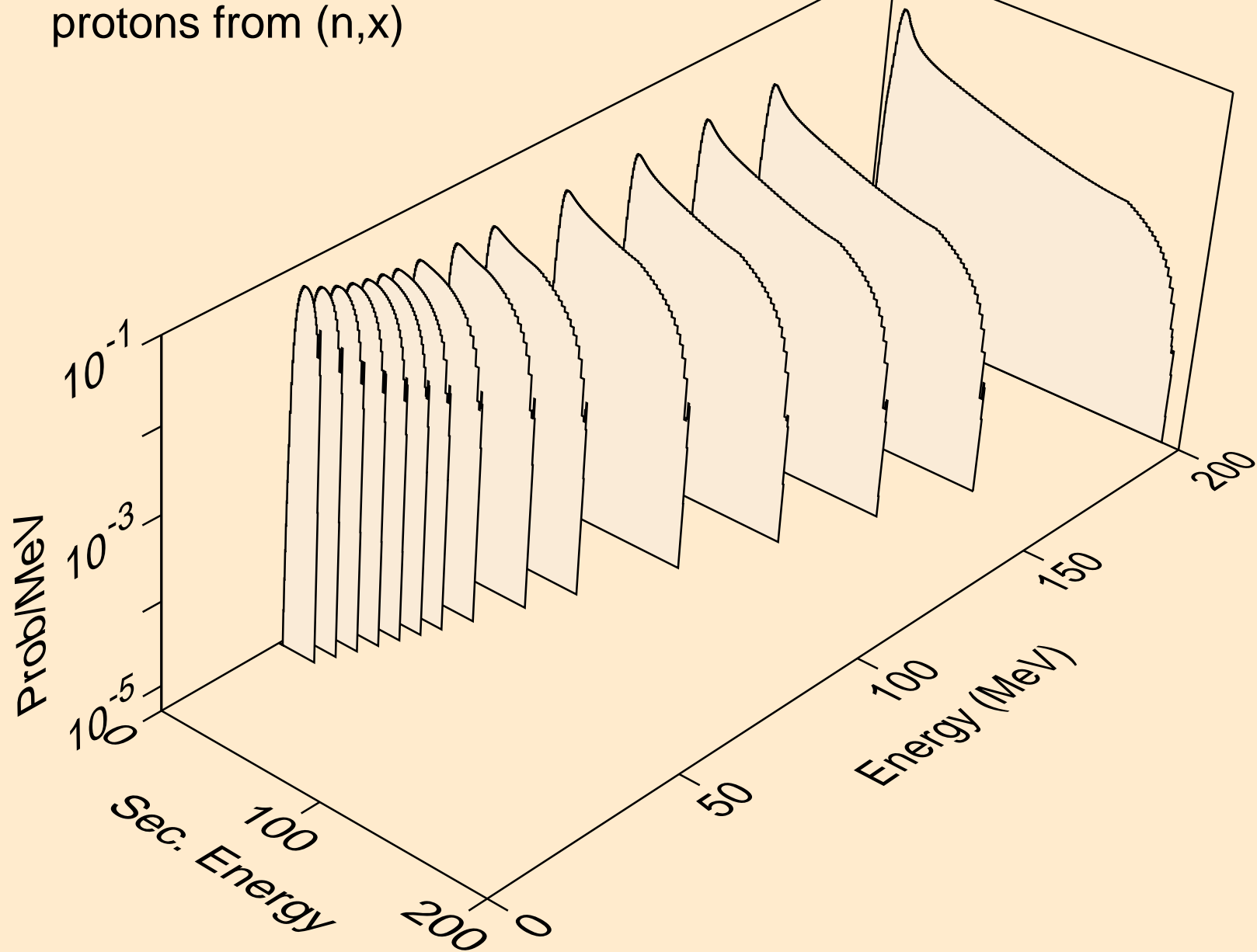
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

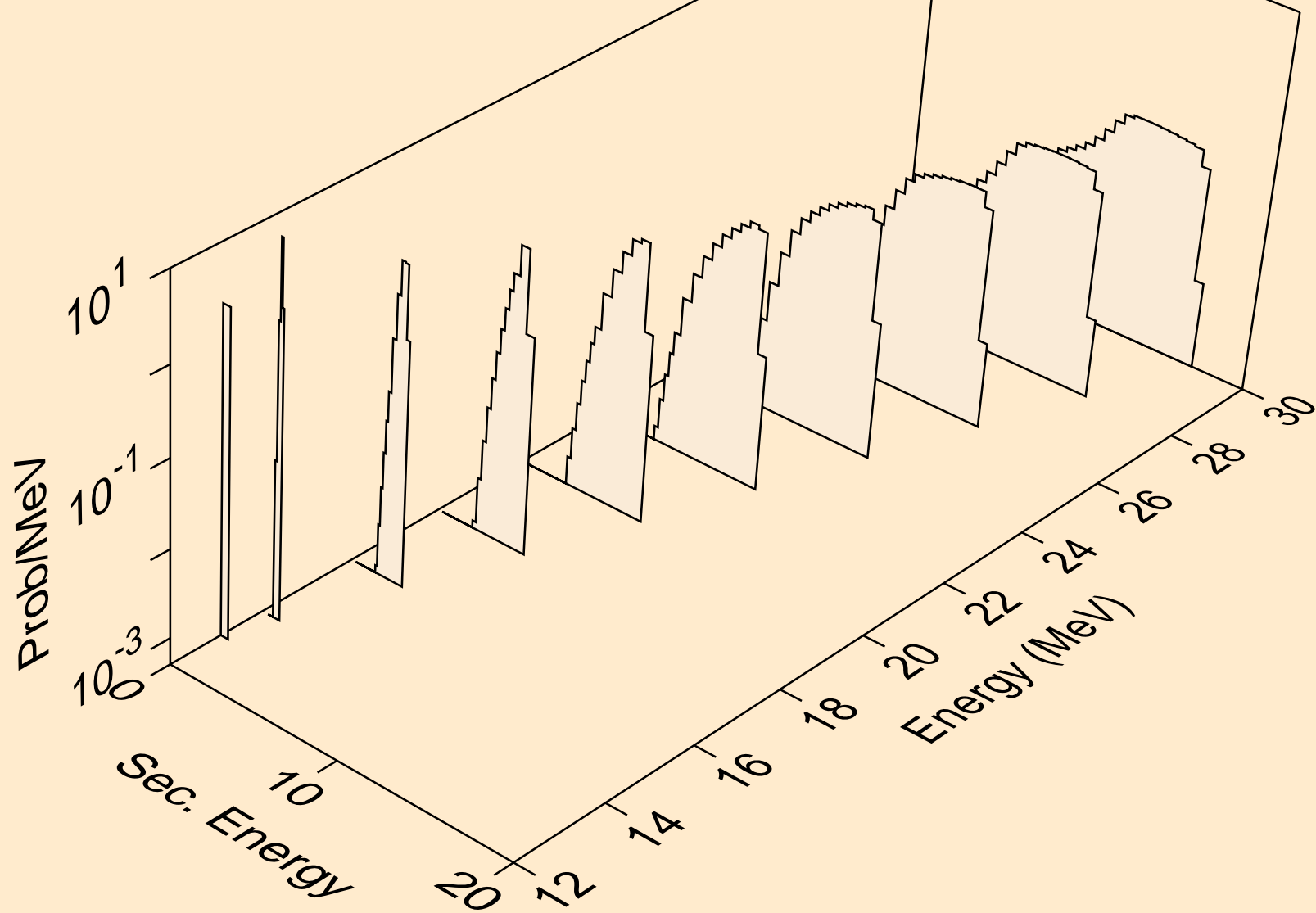


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

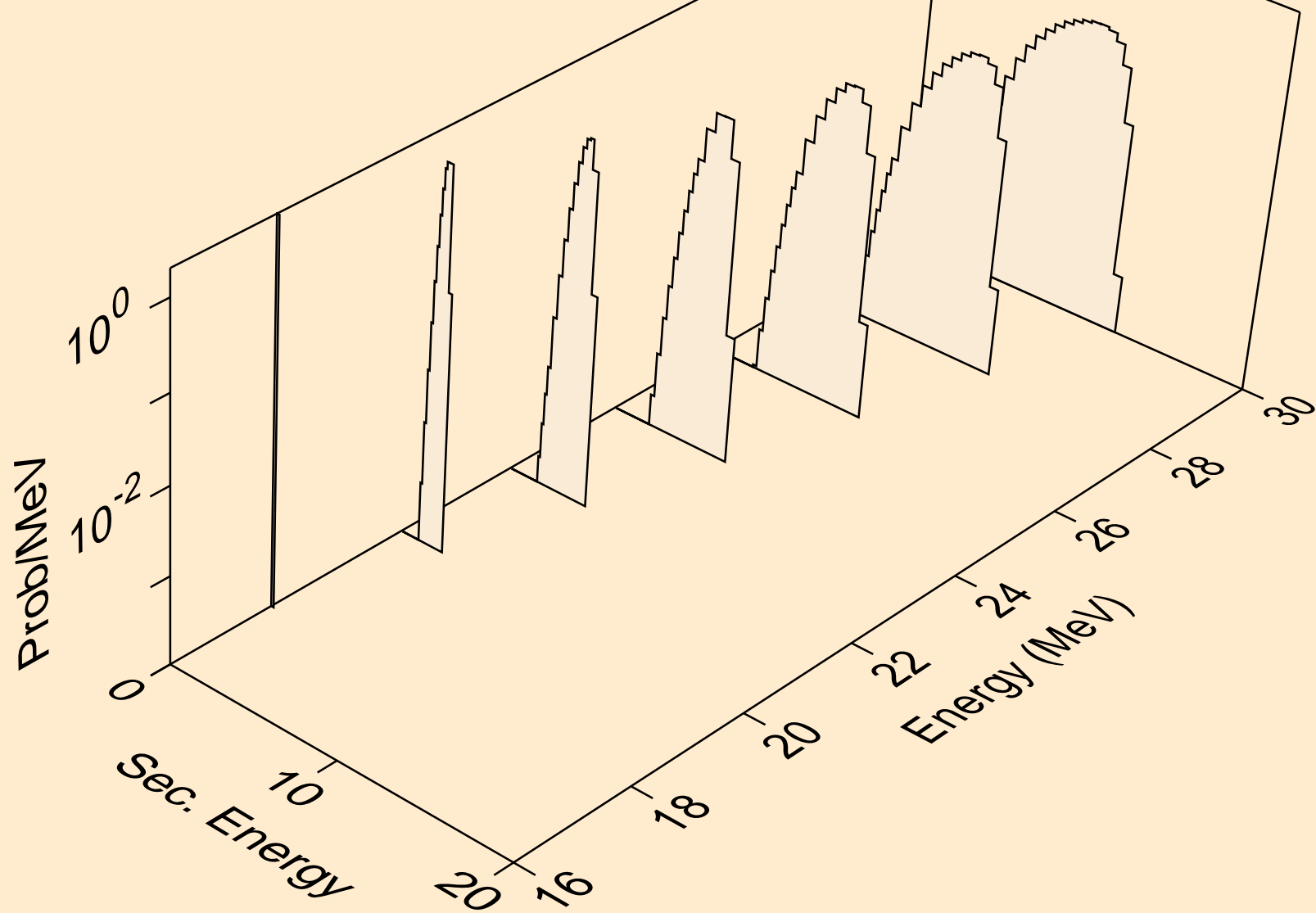




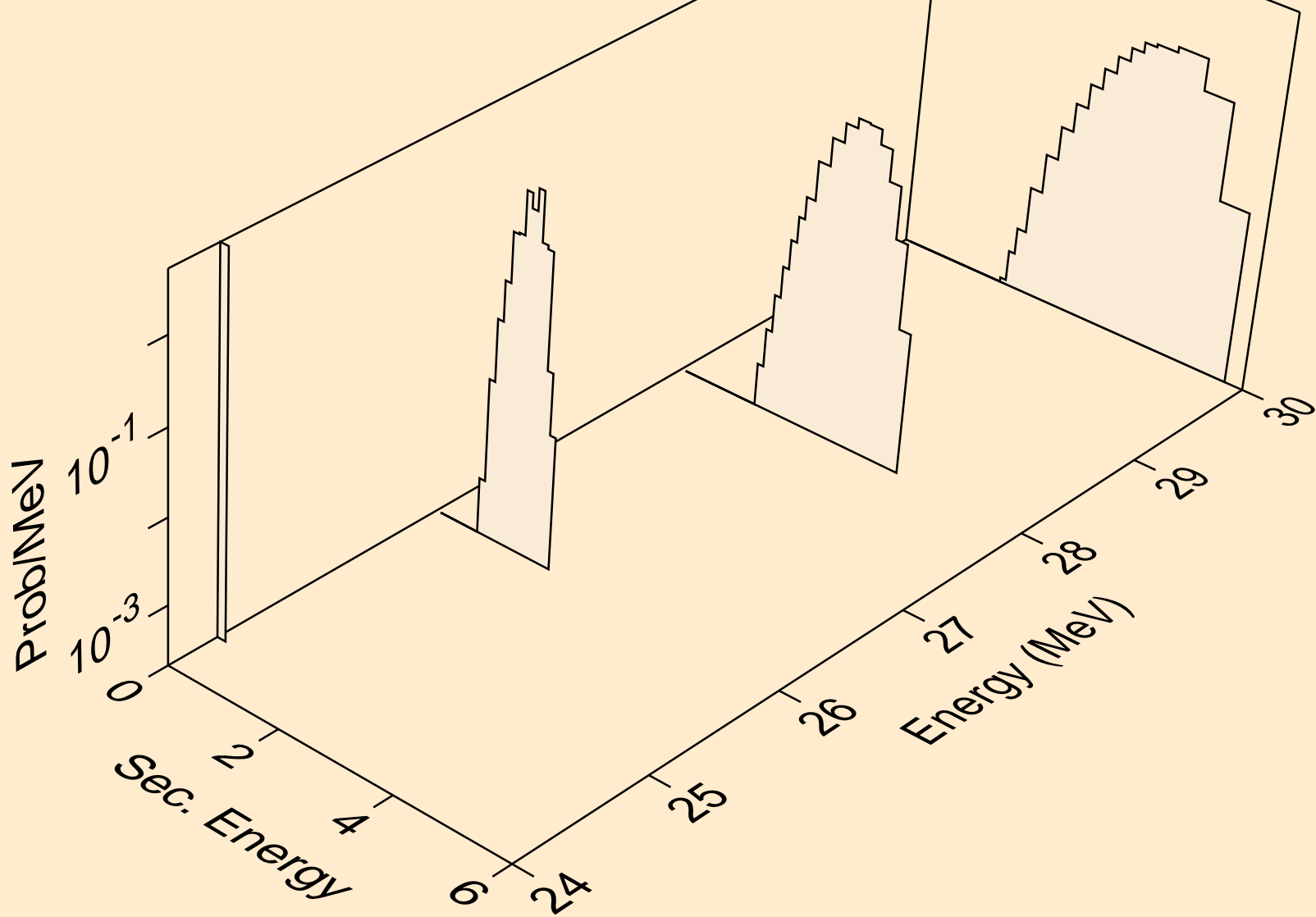
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



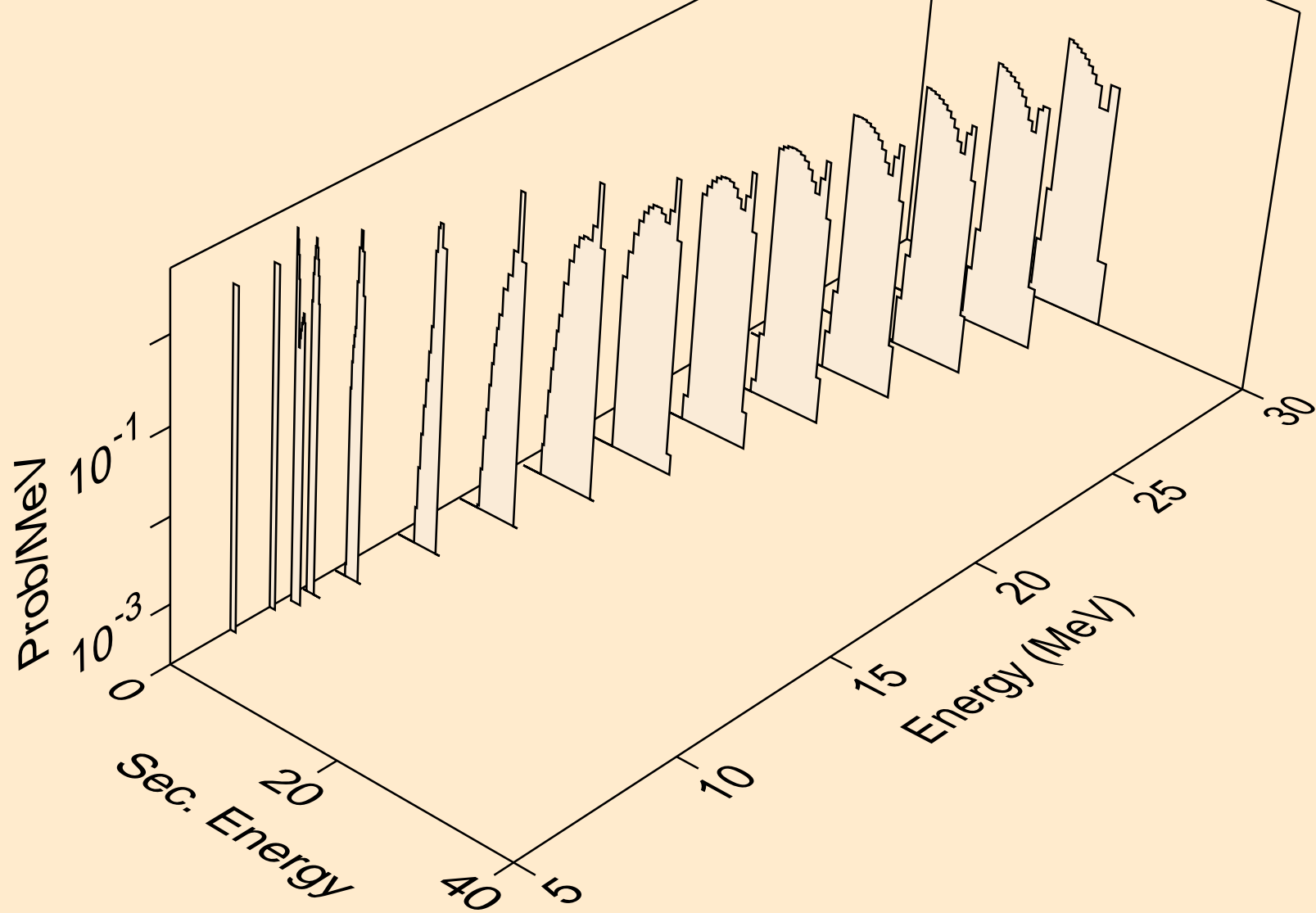
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protons from (n,2np)



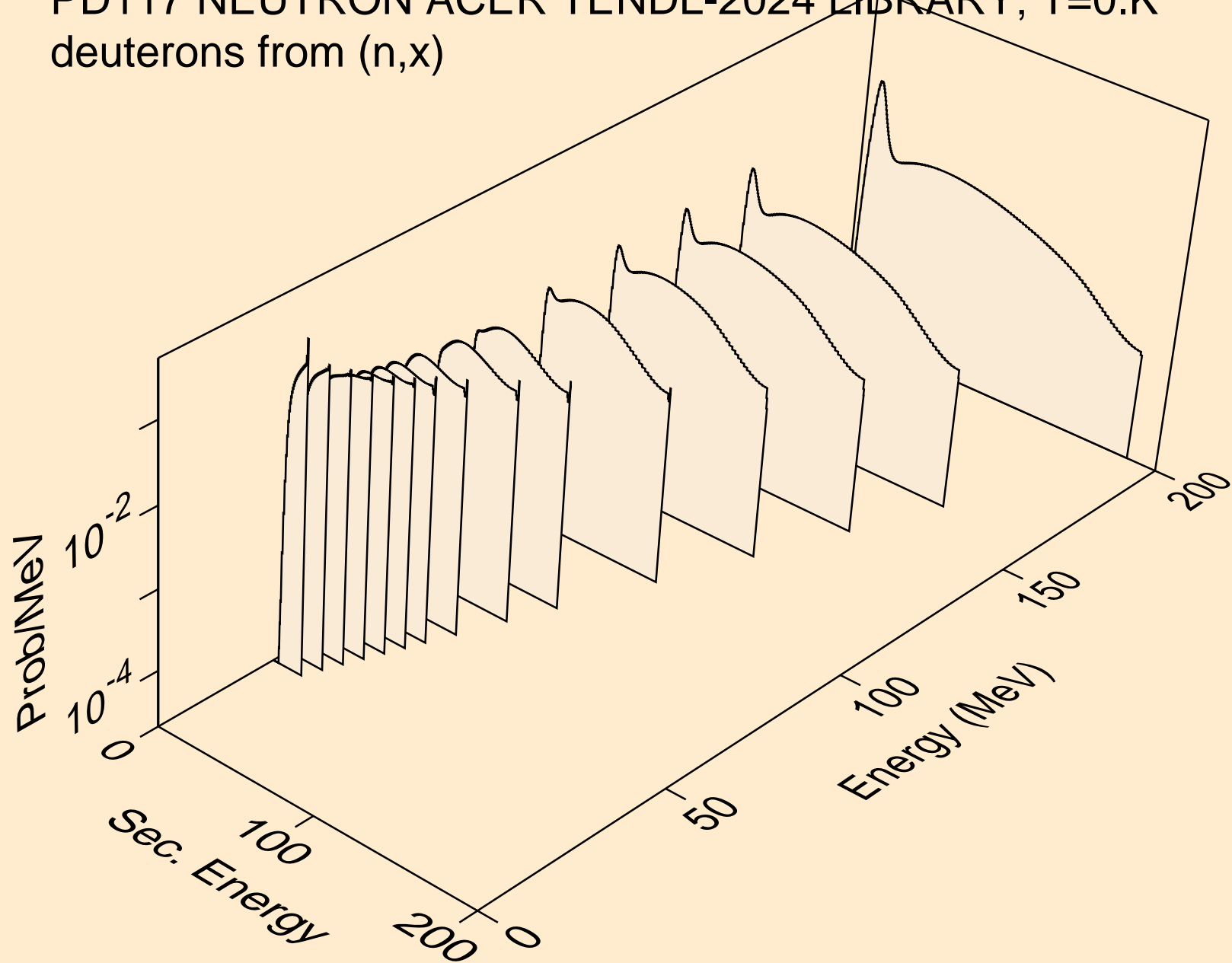
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



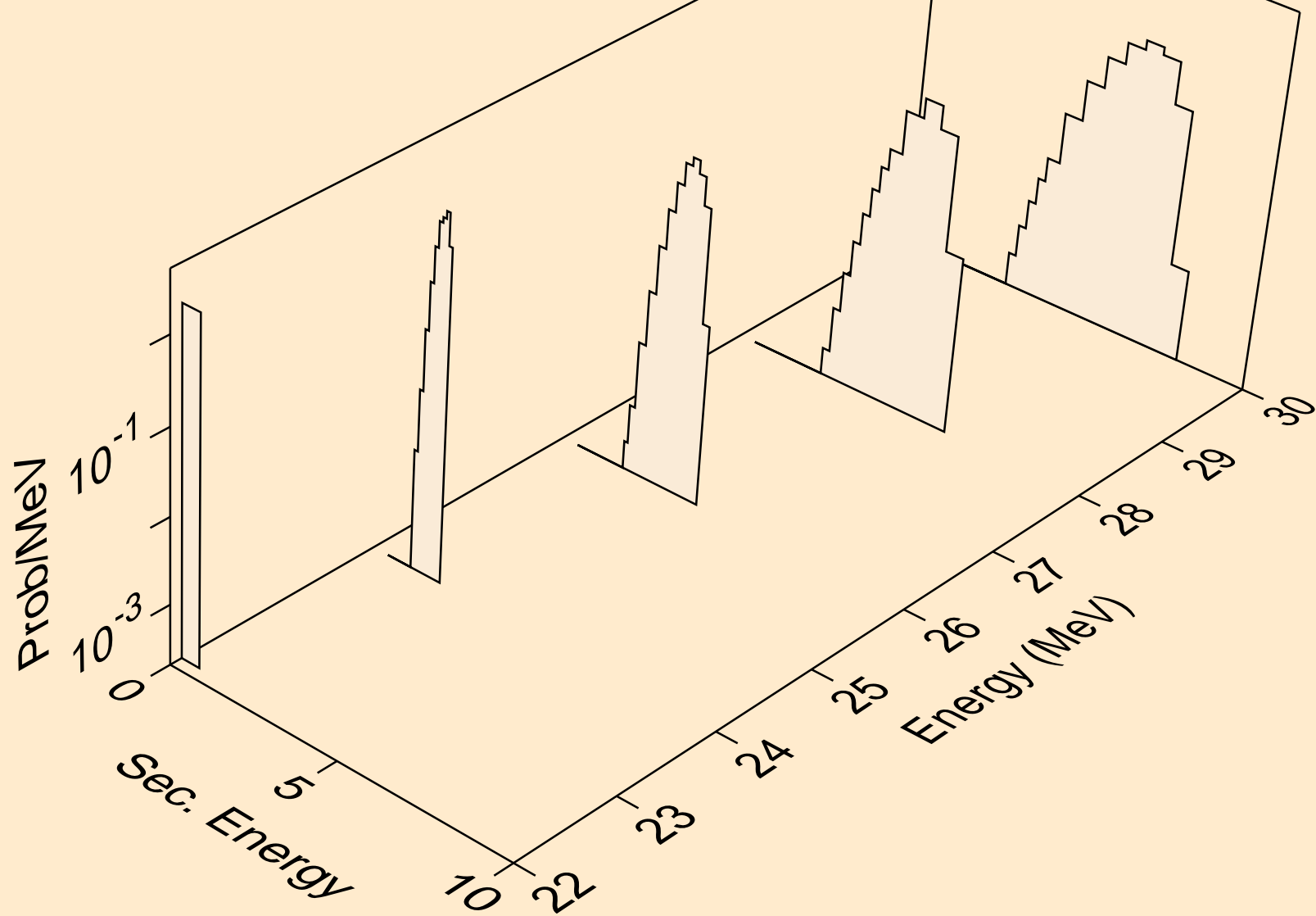
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



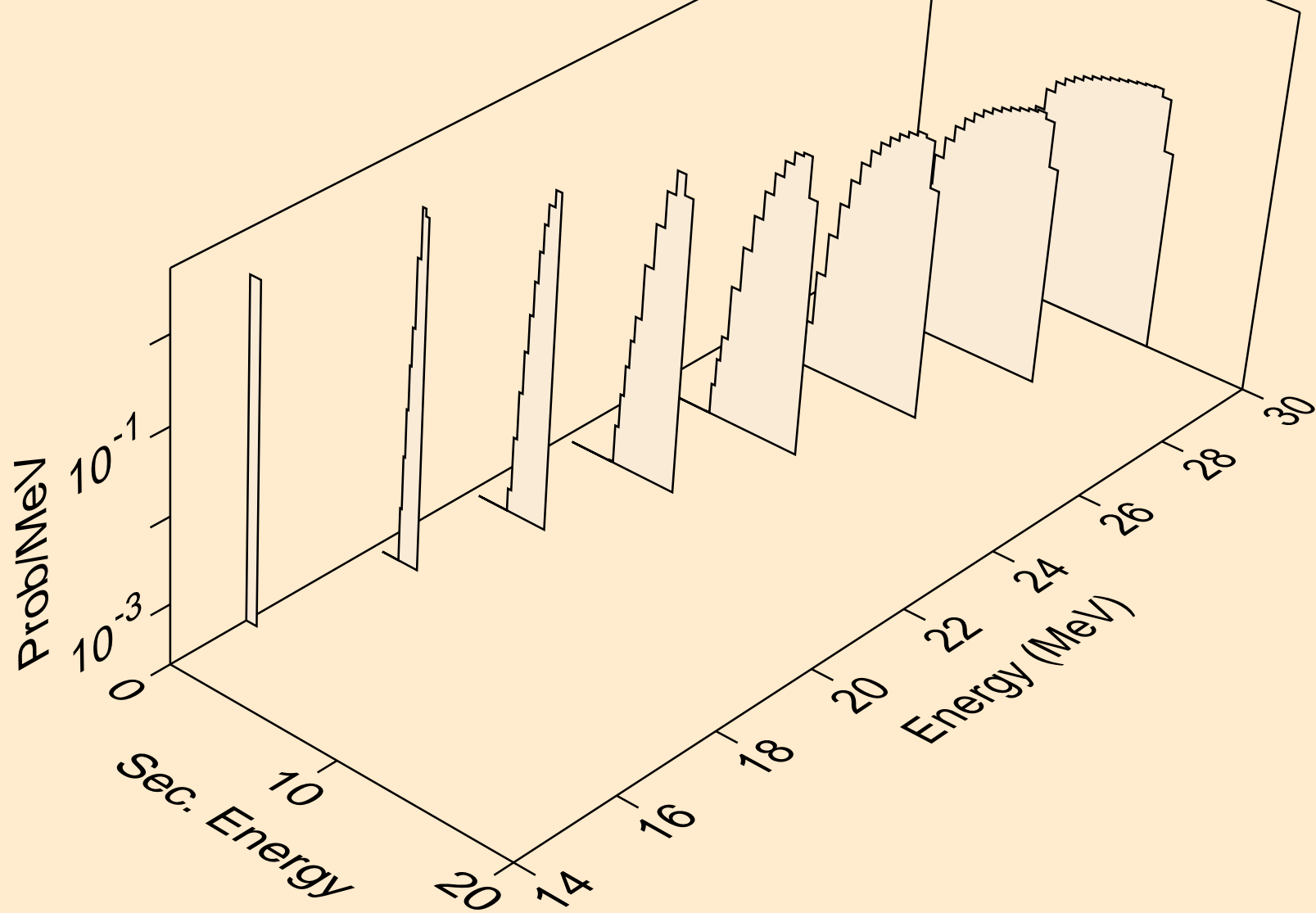
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



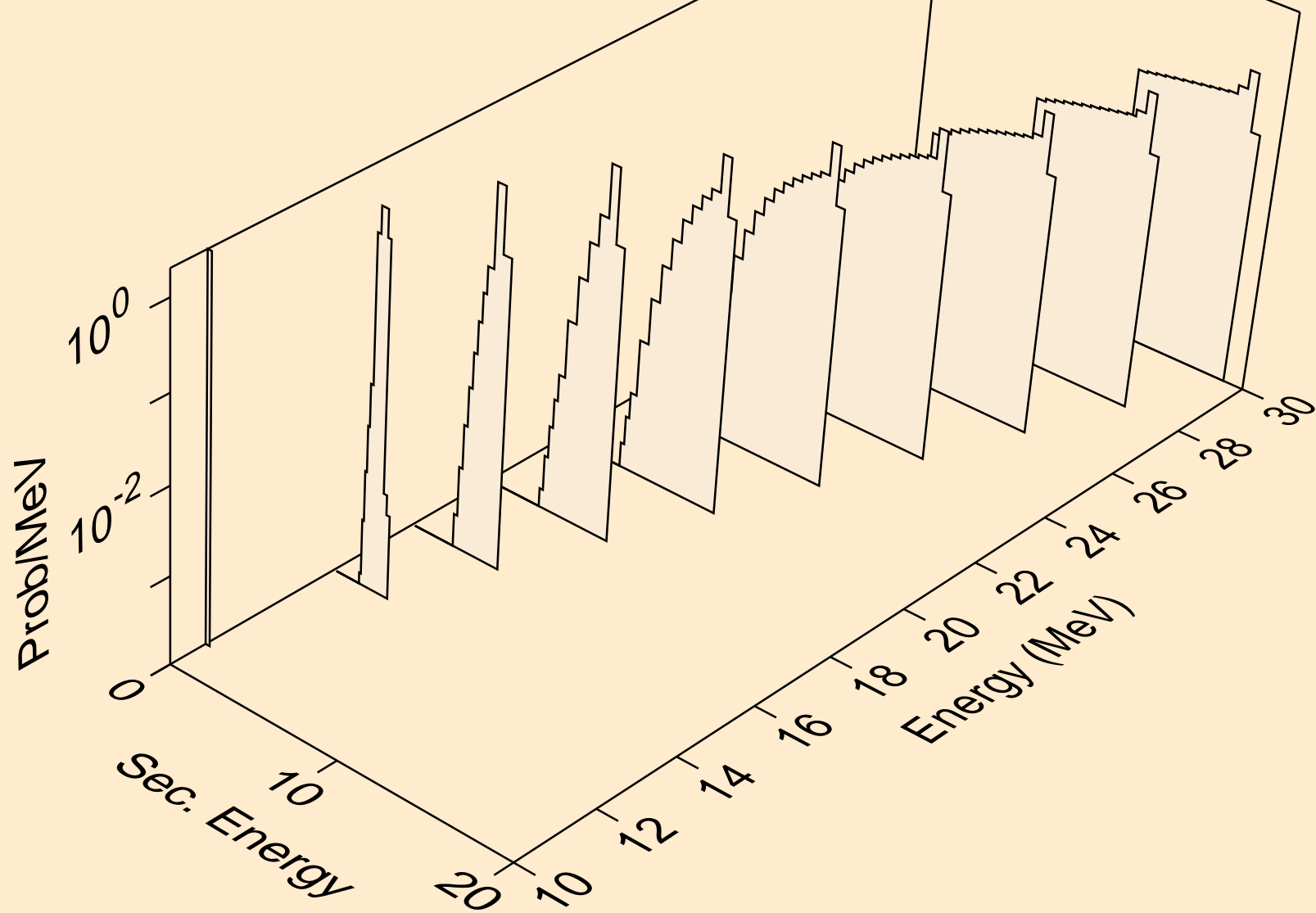
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

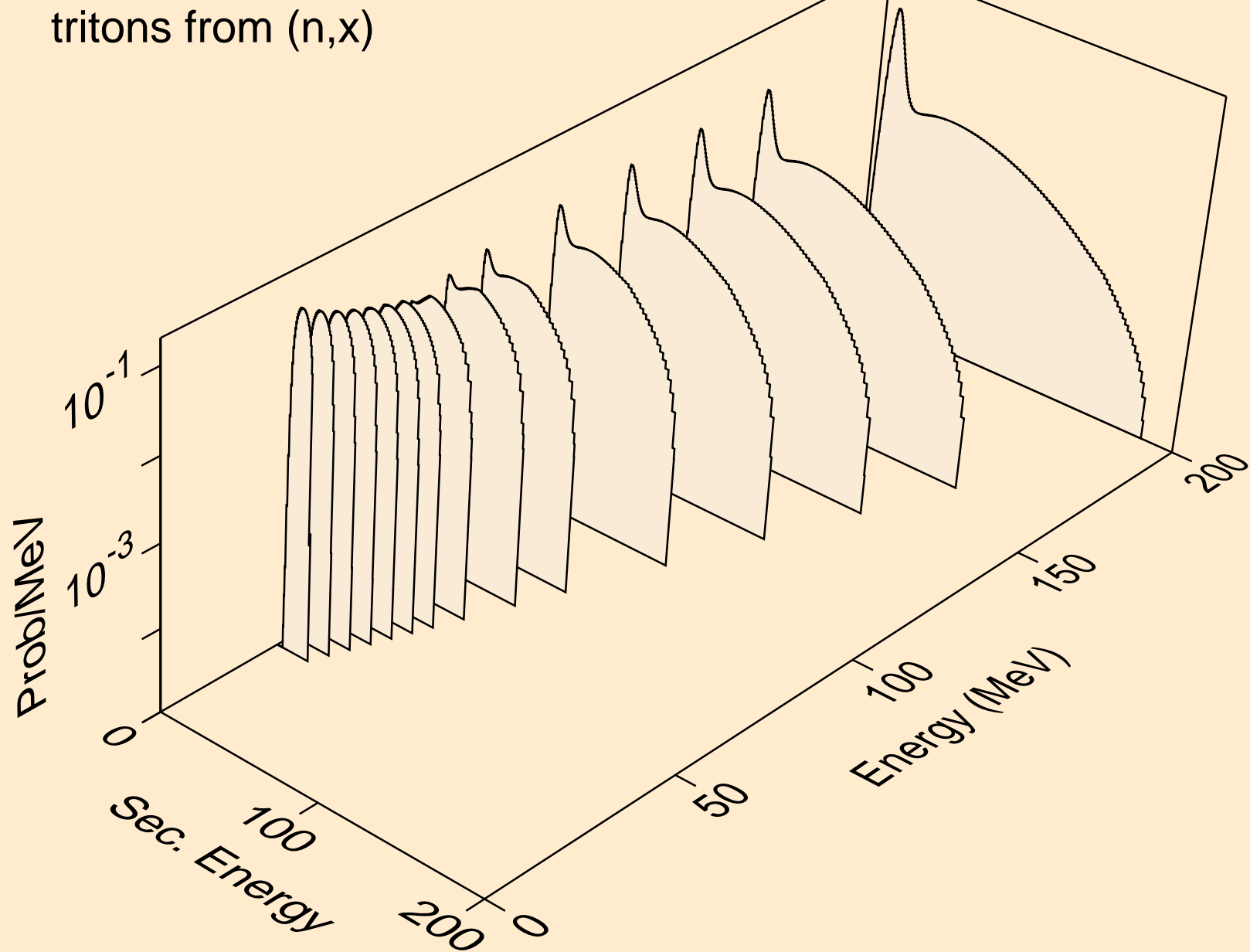


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

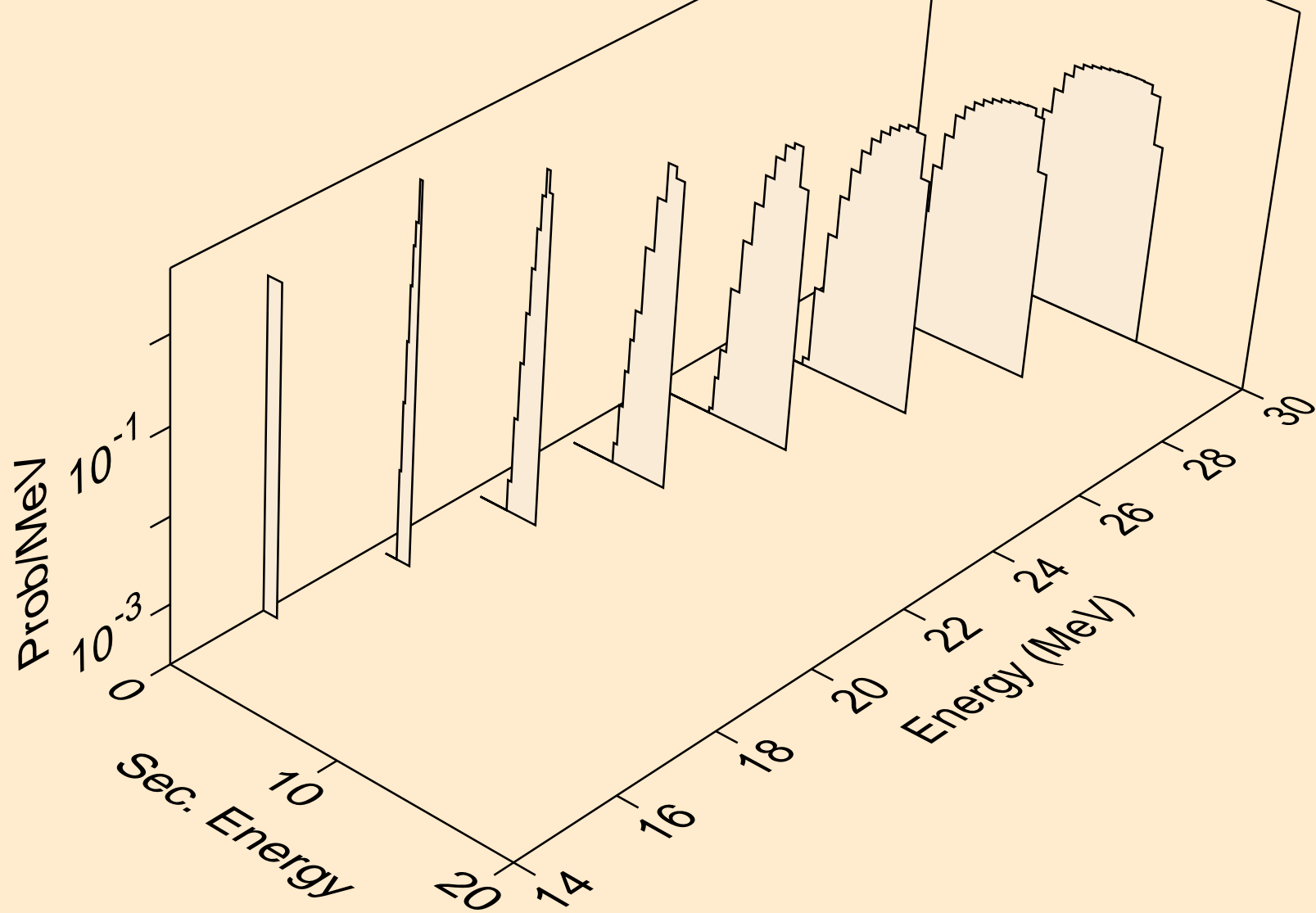




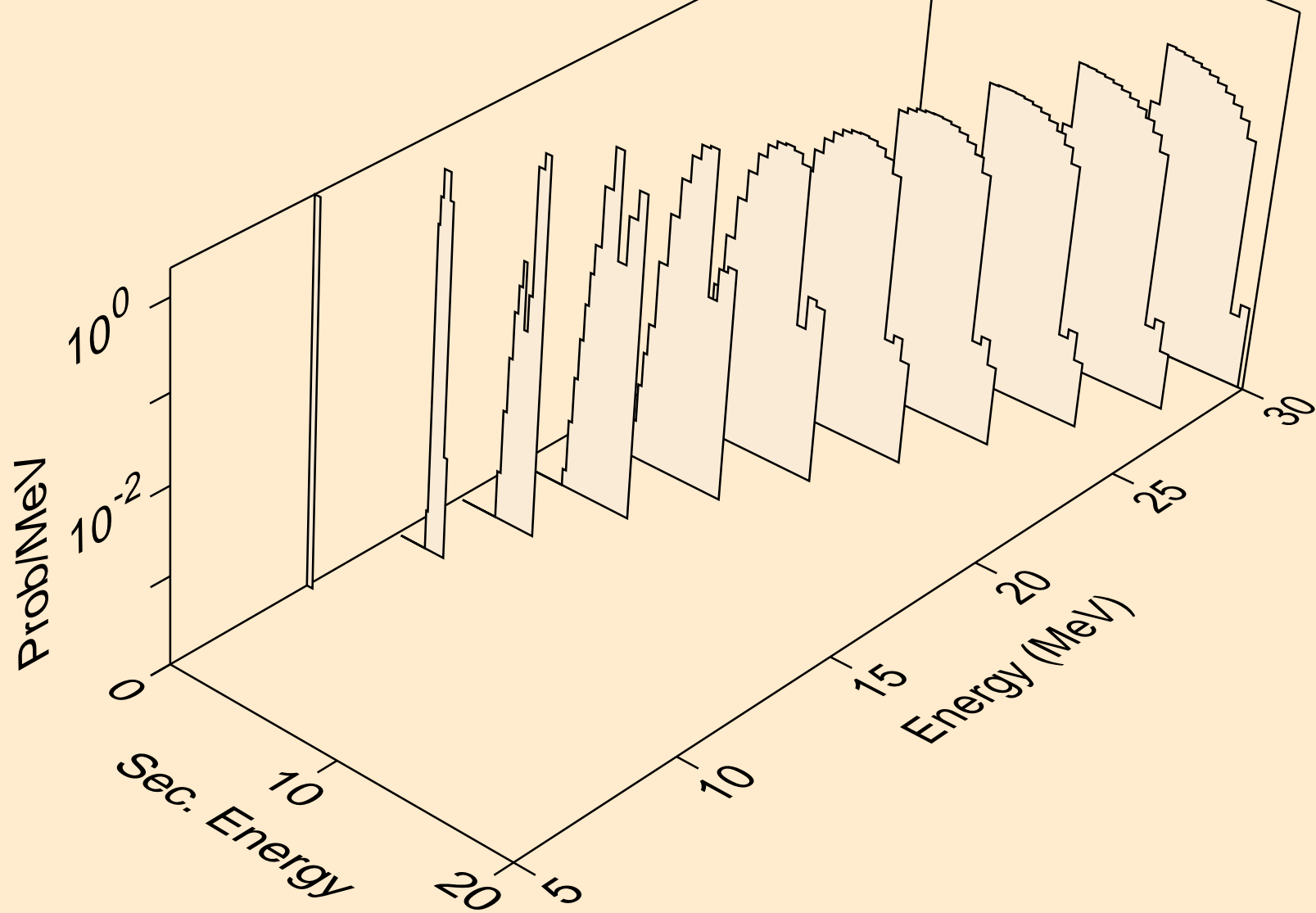
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



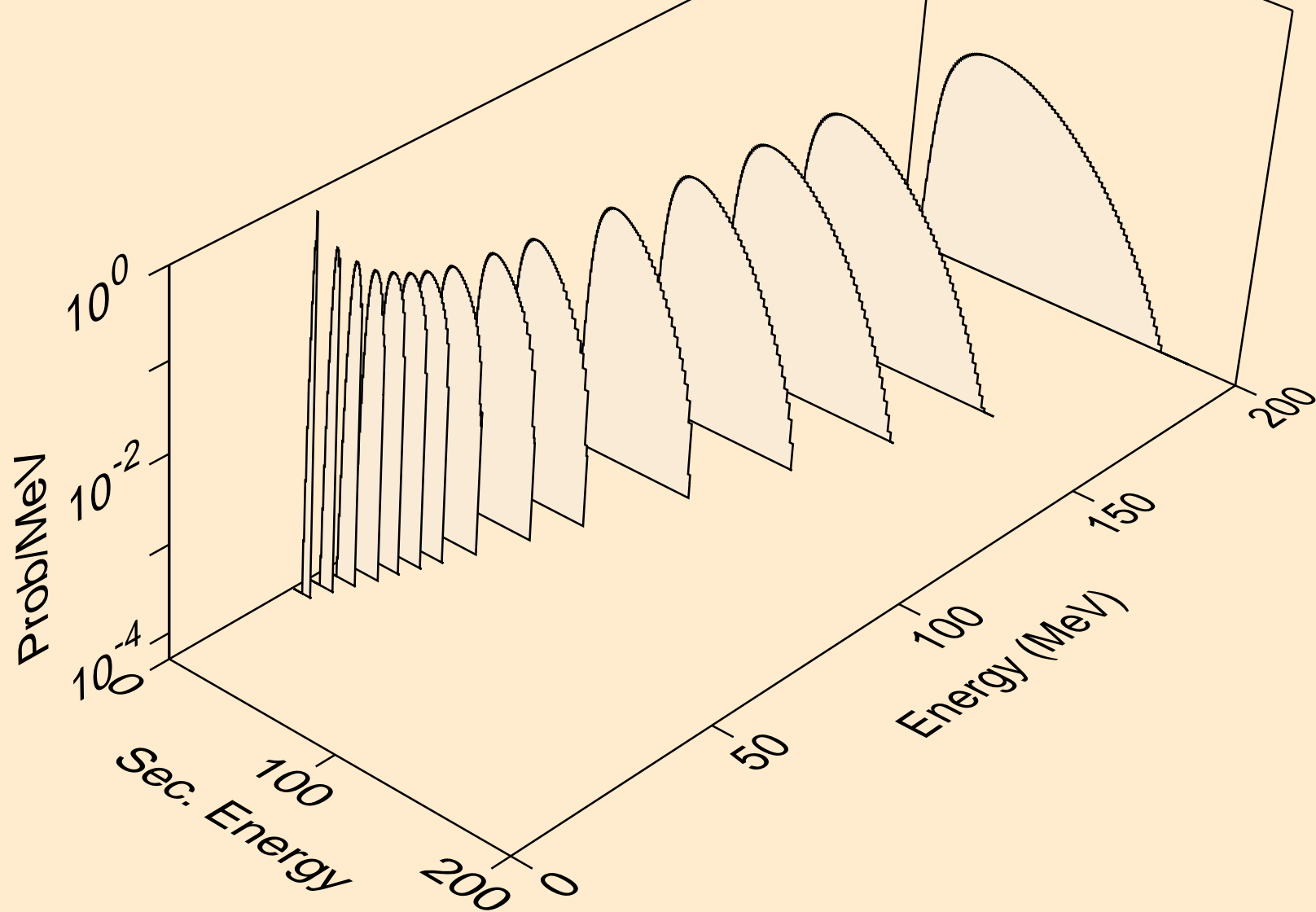
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



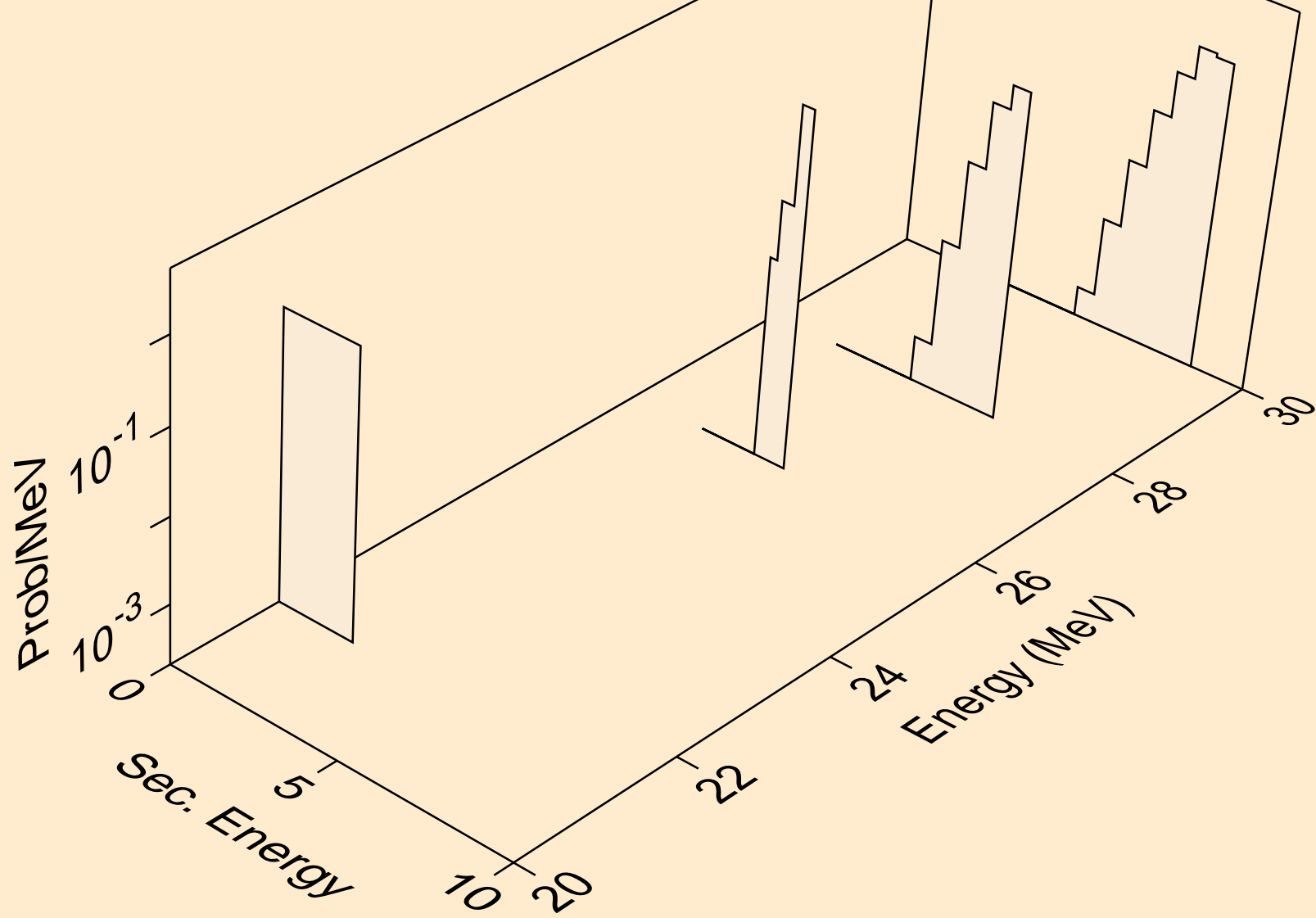
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tritons from (n,t)



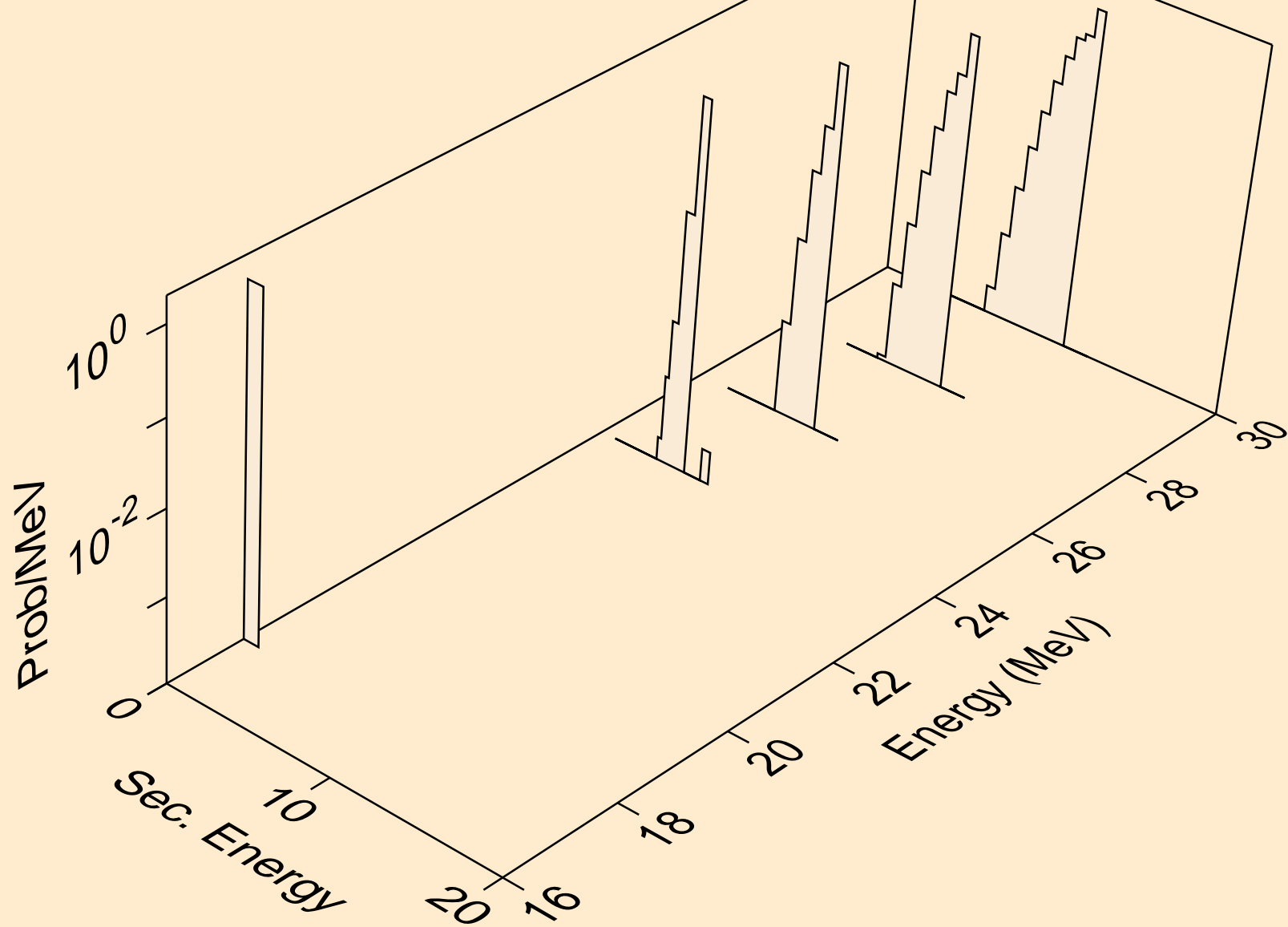
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



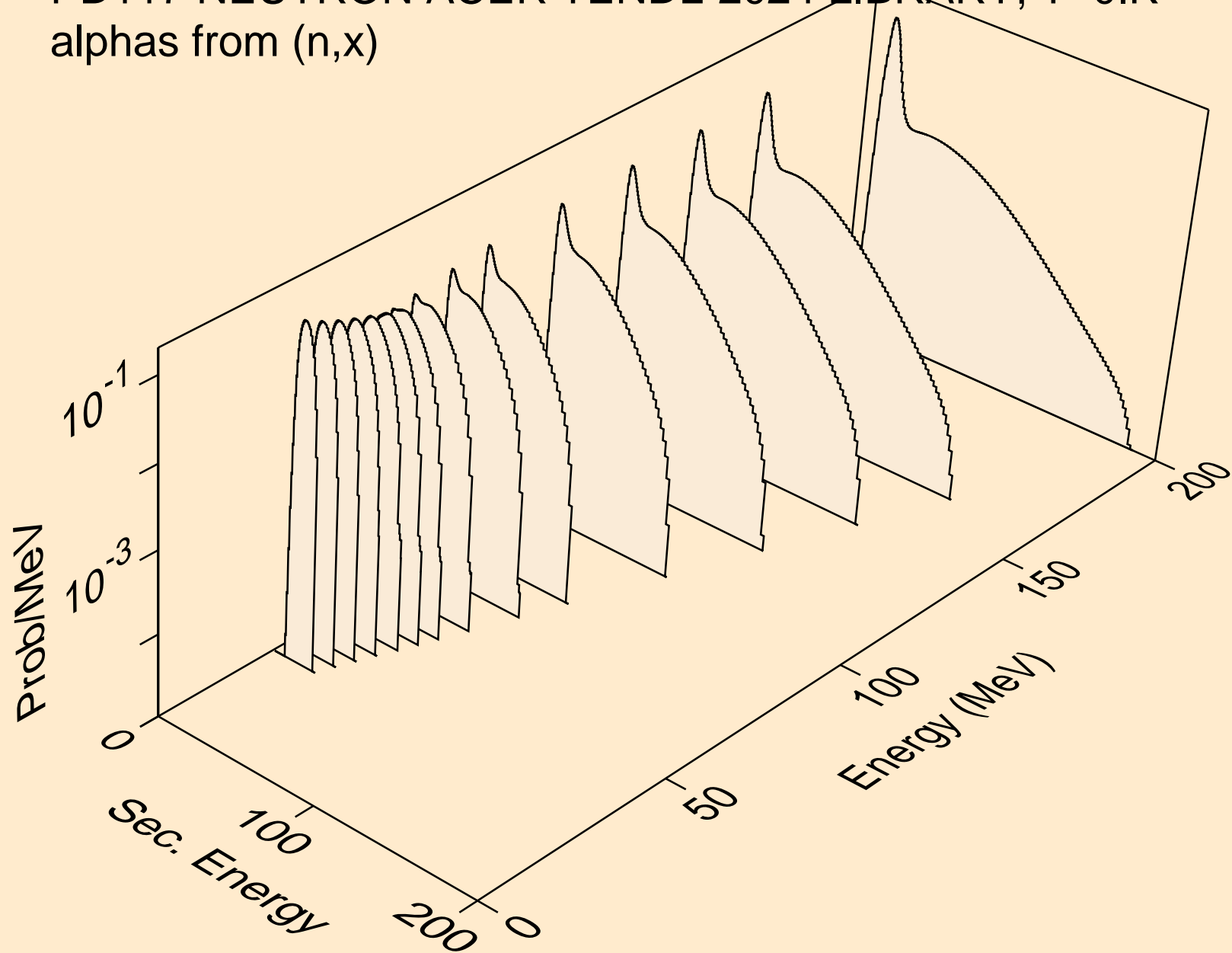
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



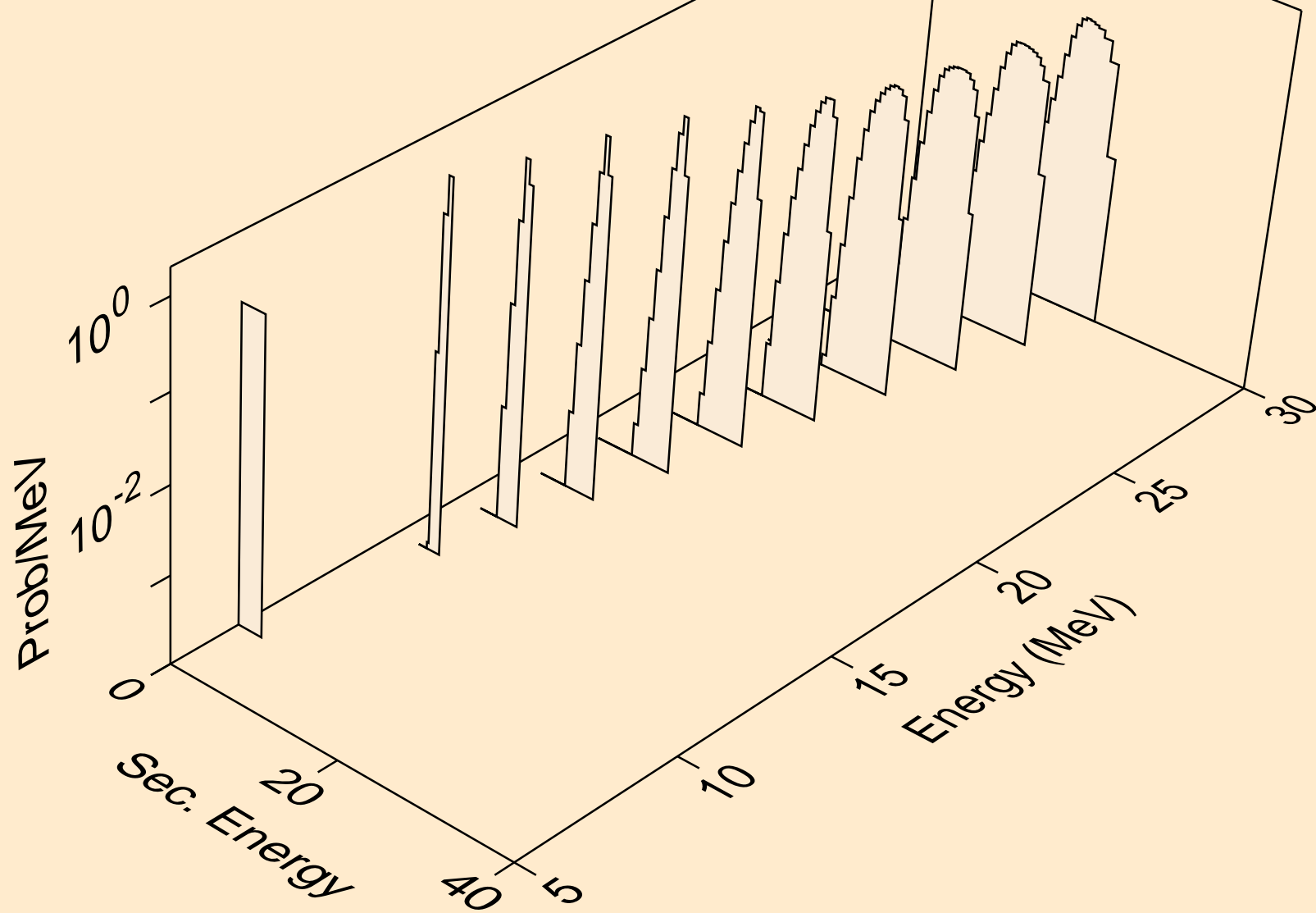
PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

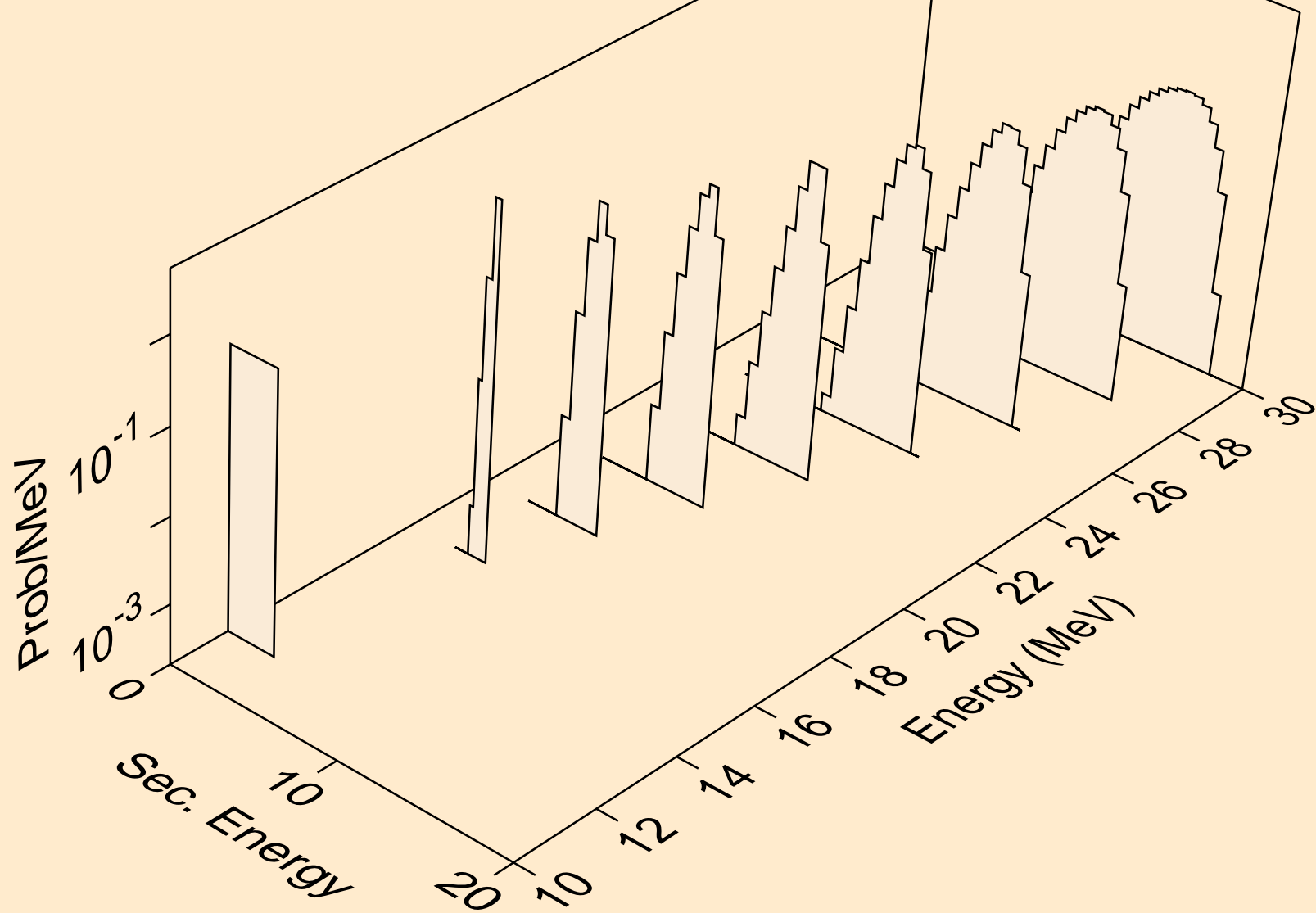


PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

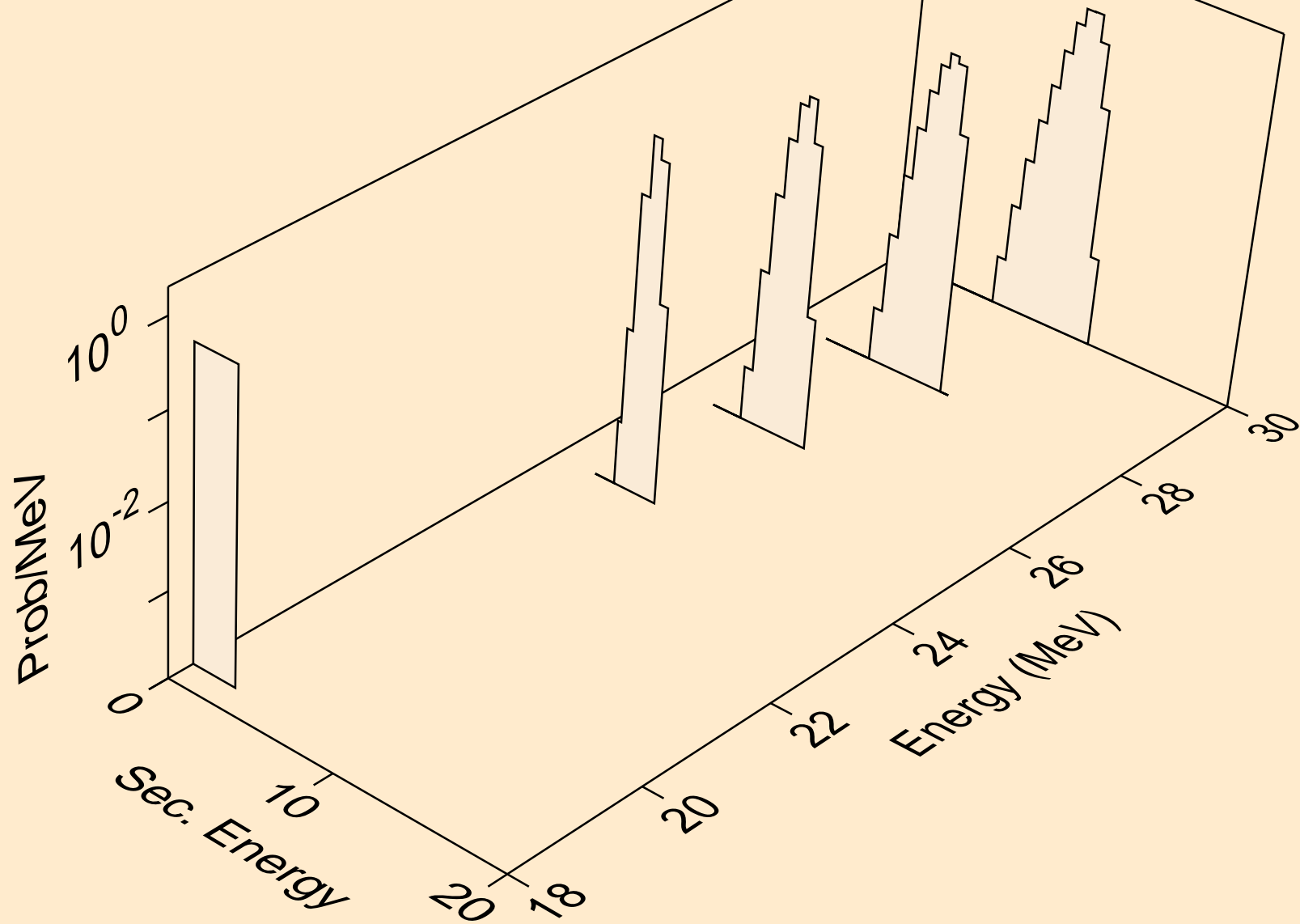




PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



PD117 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

