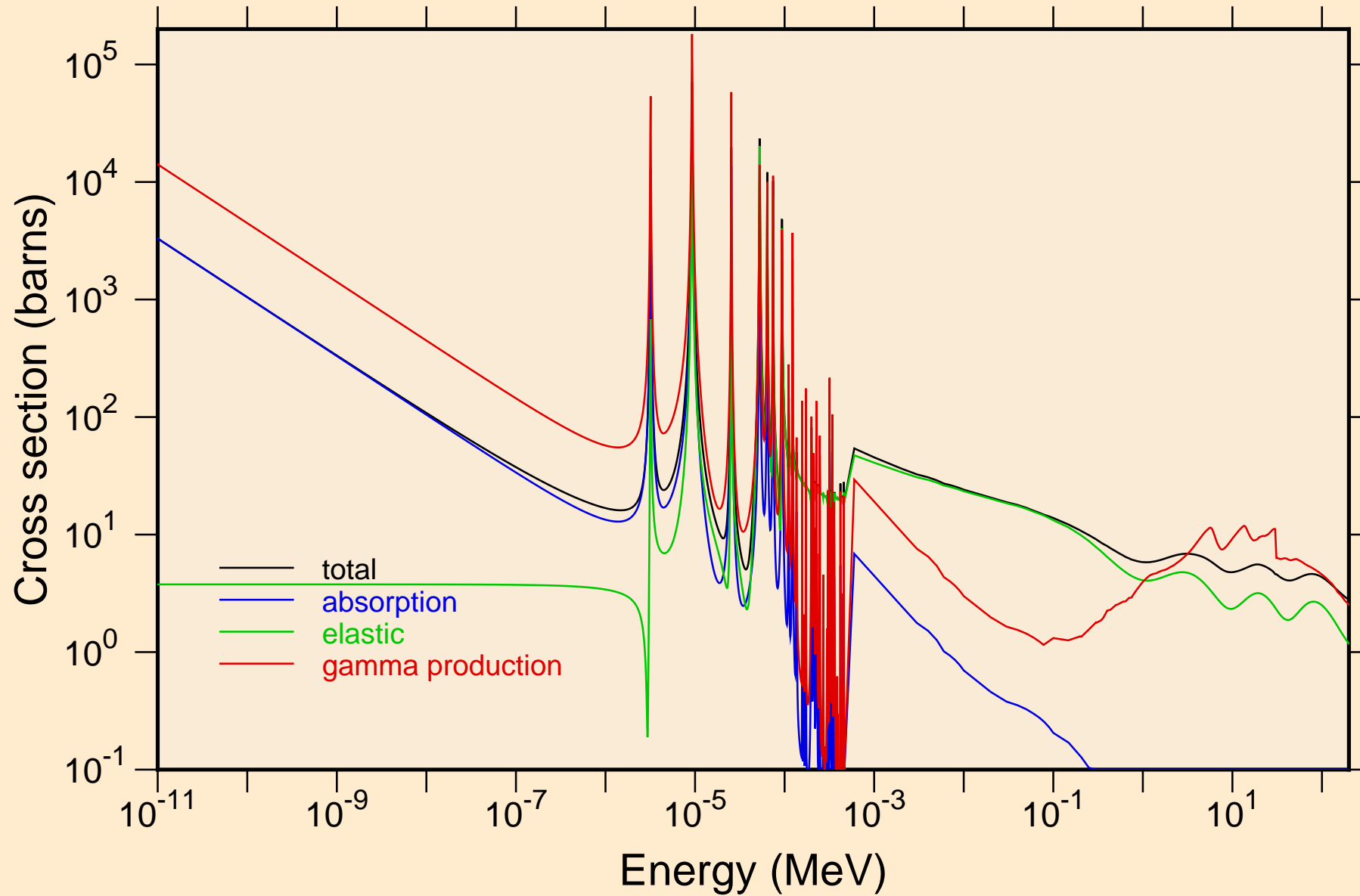
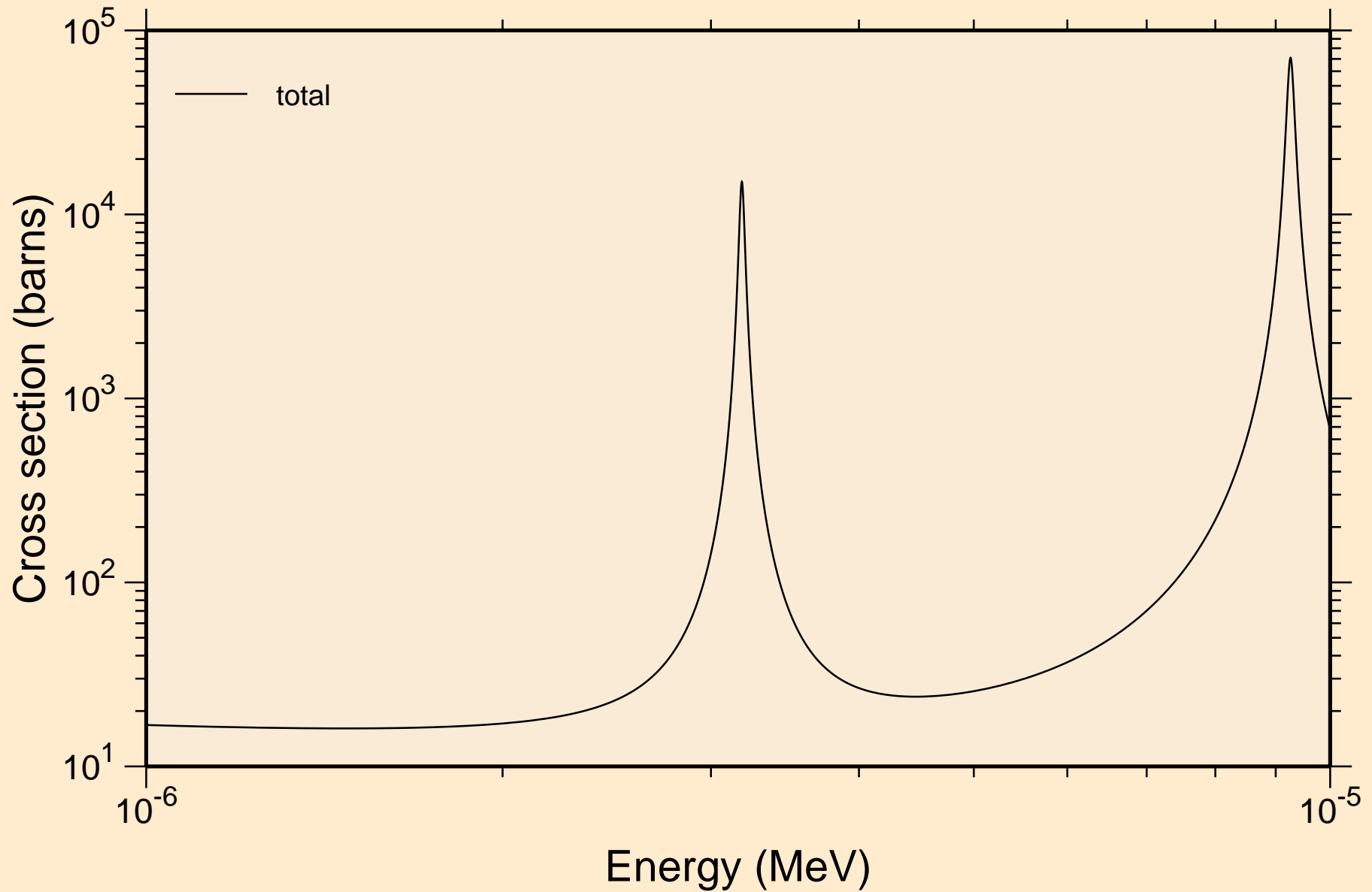


# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

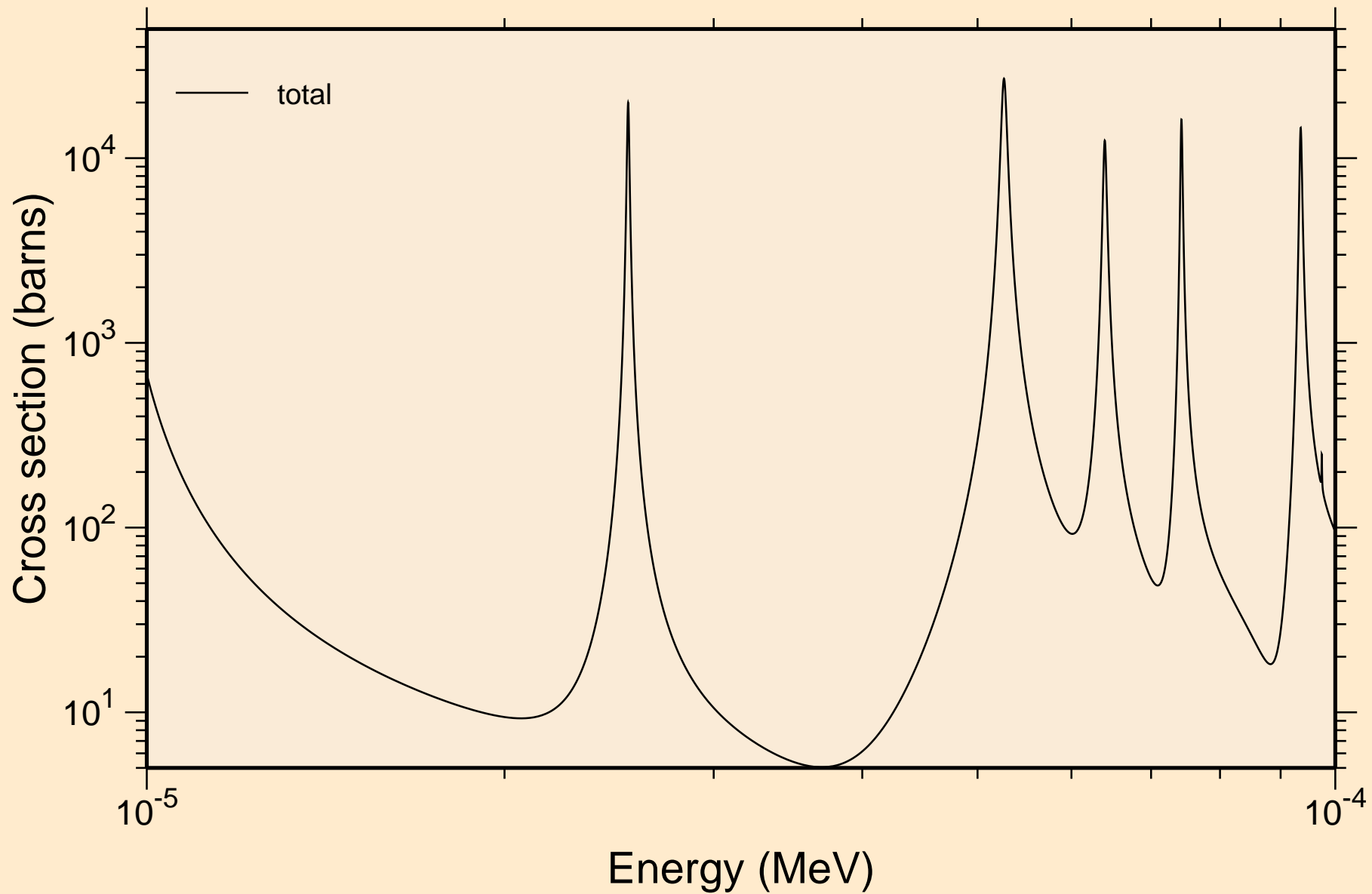
## Principal cross sections



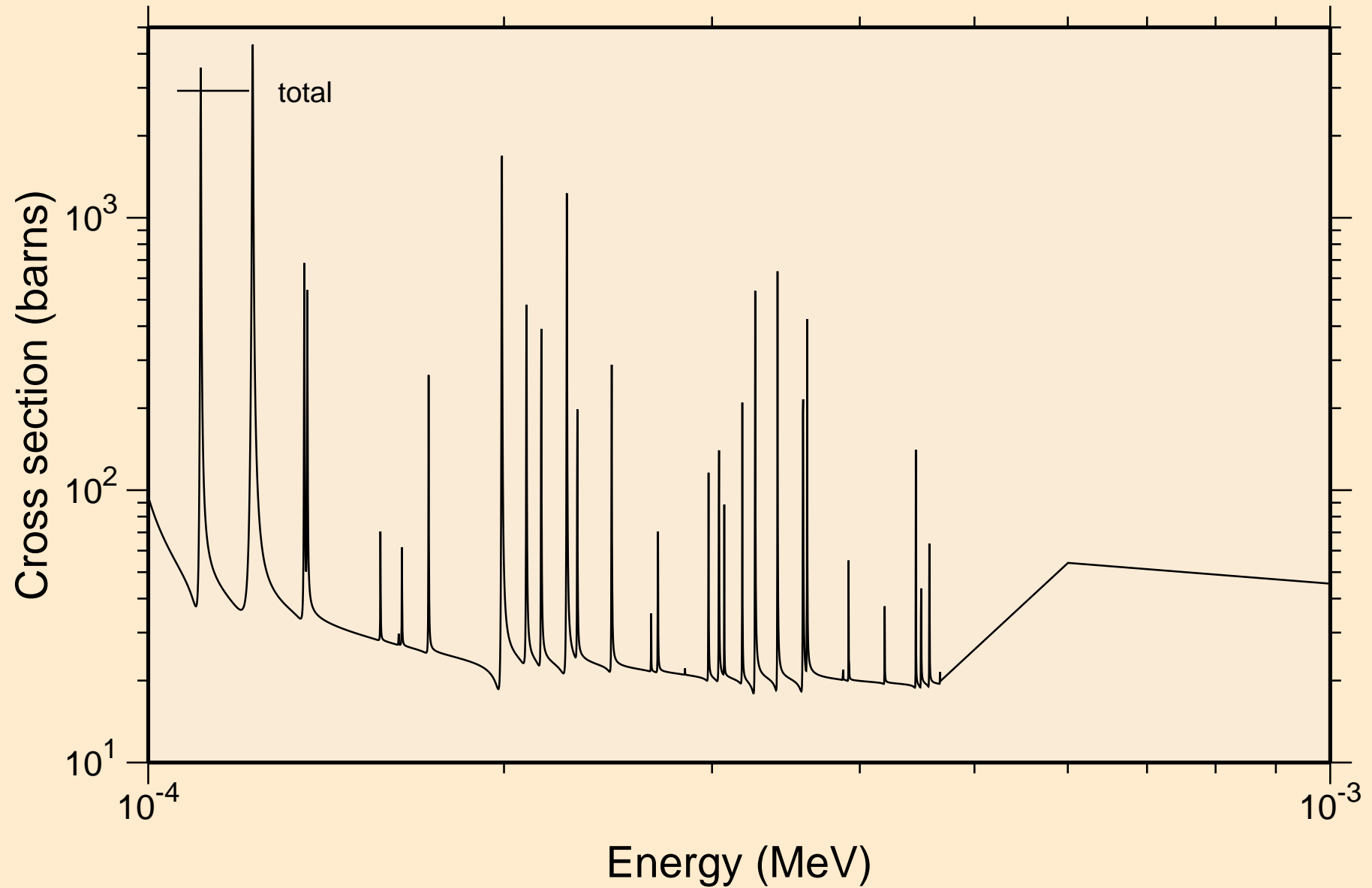
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



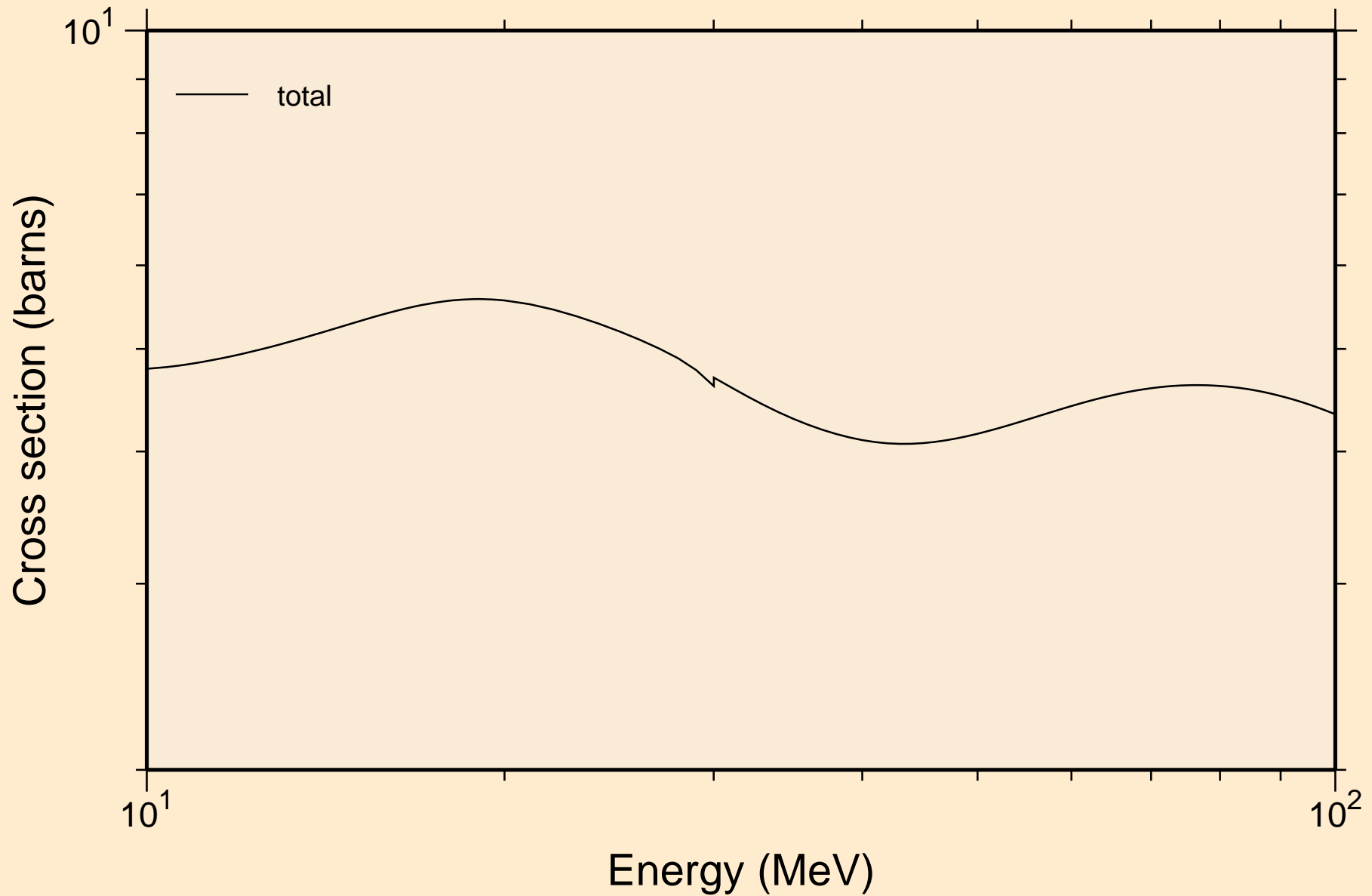
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



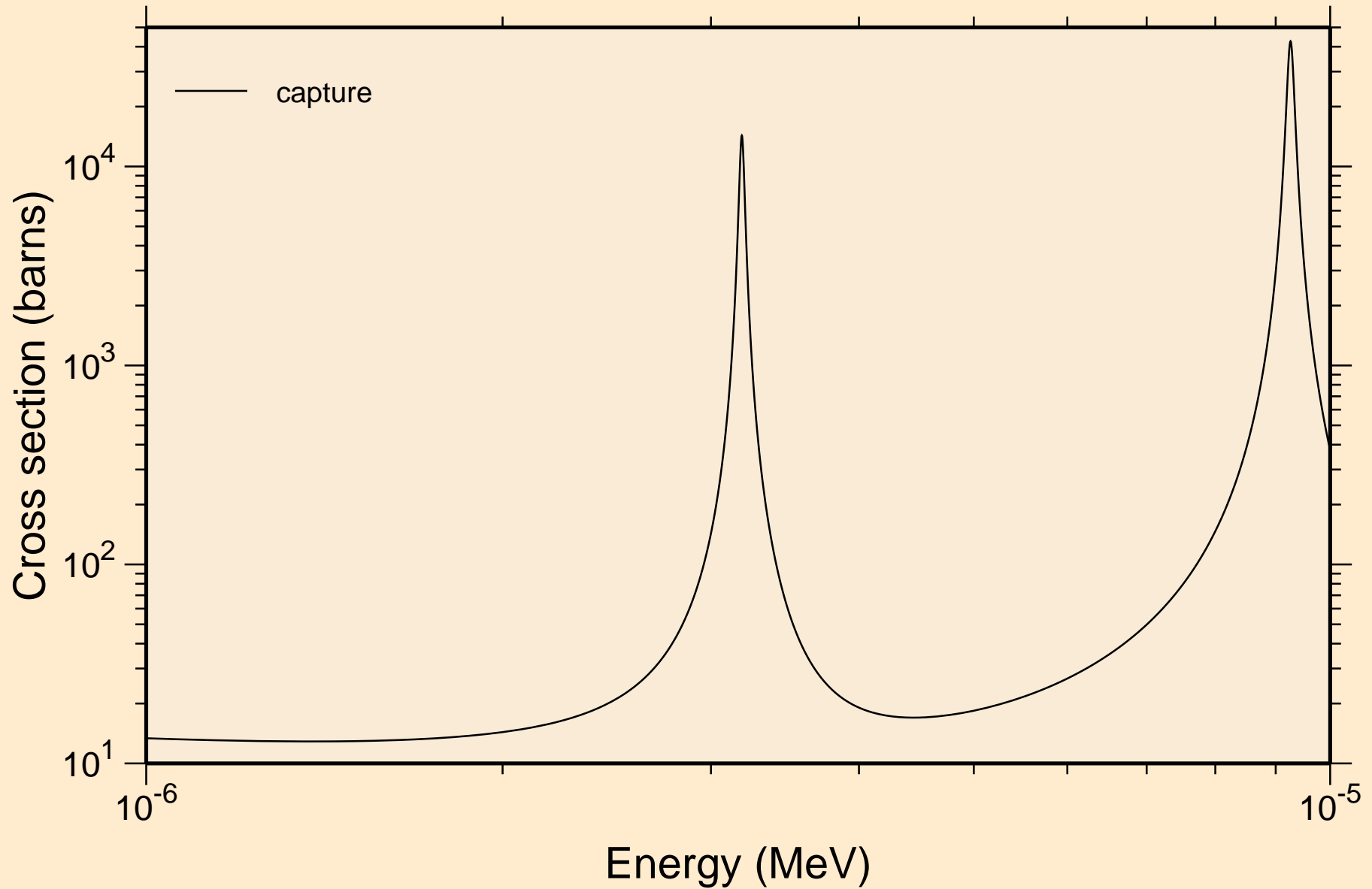
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



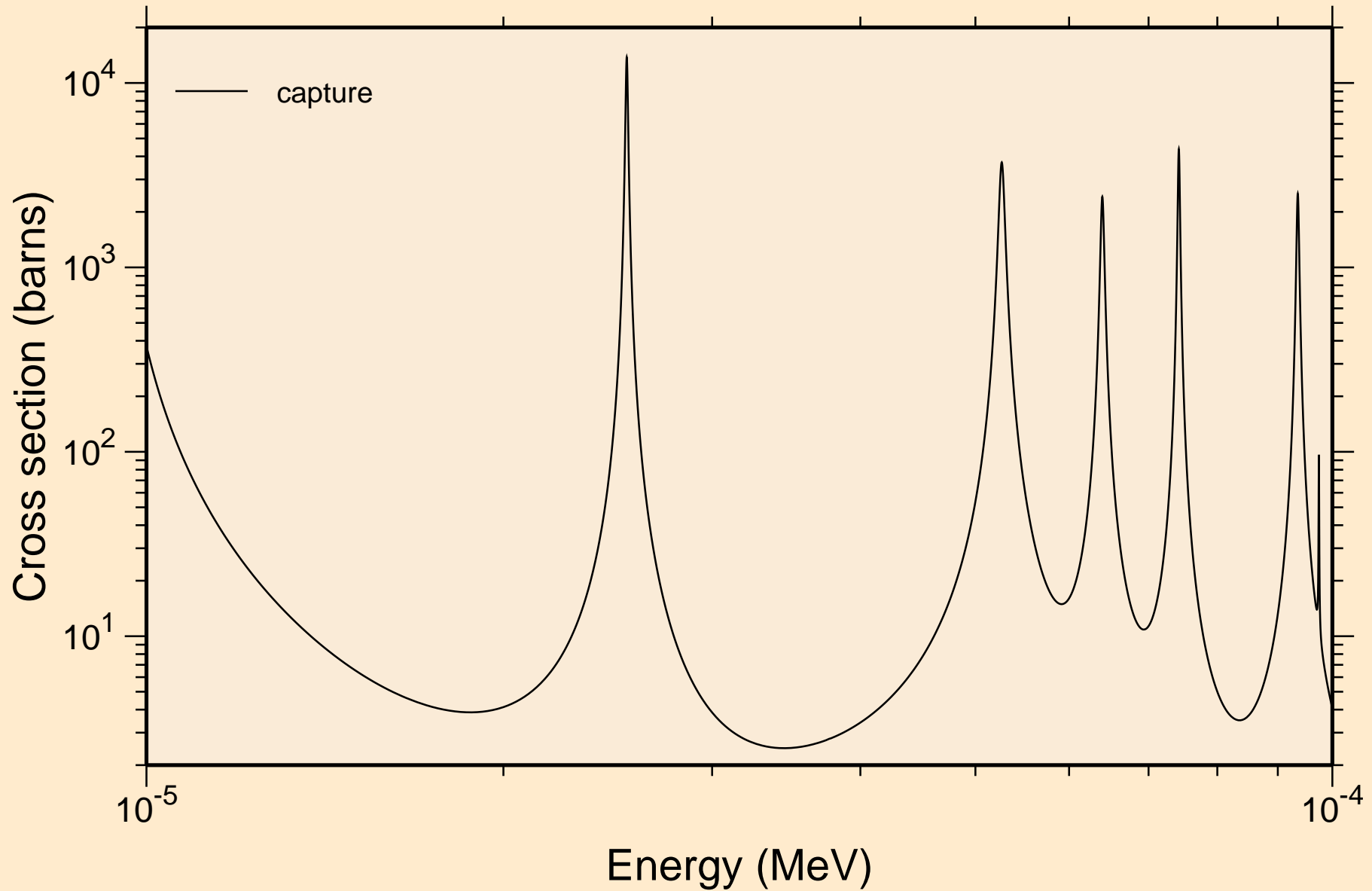
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



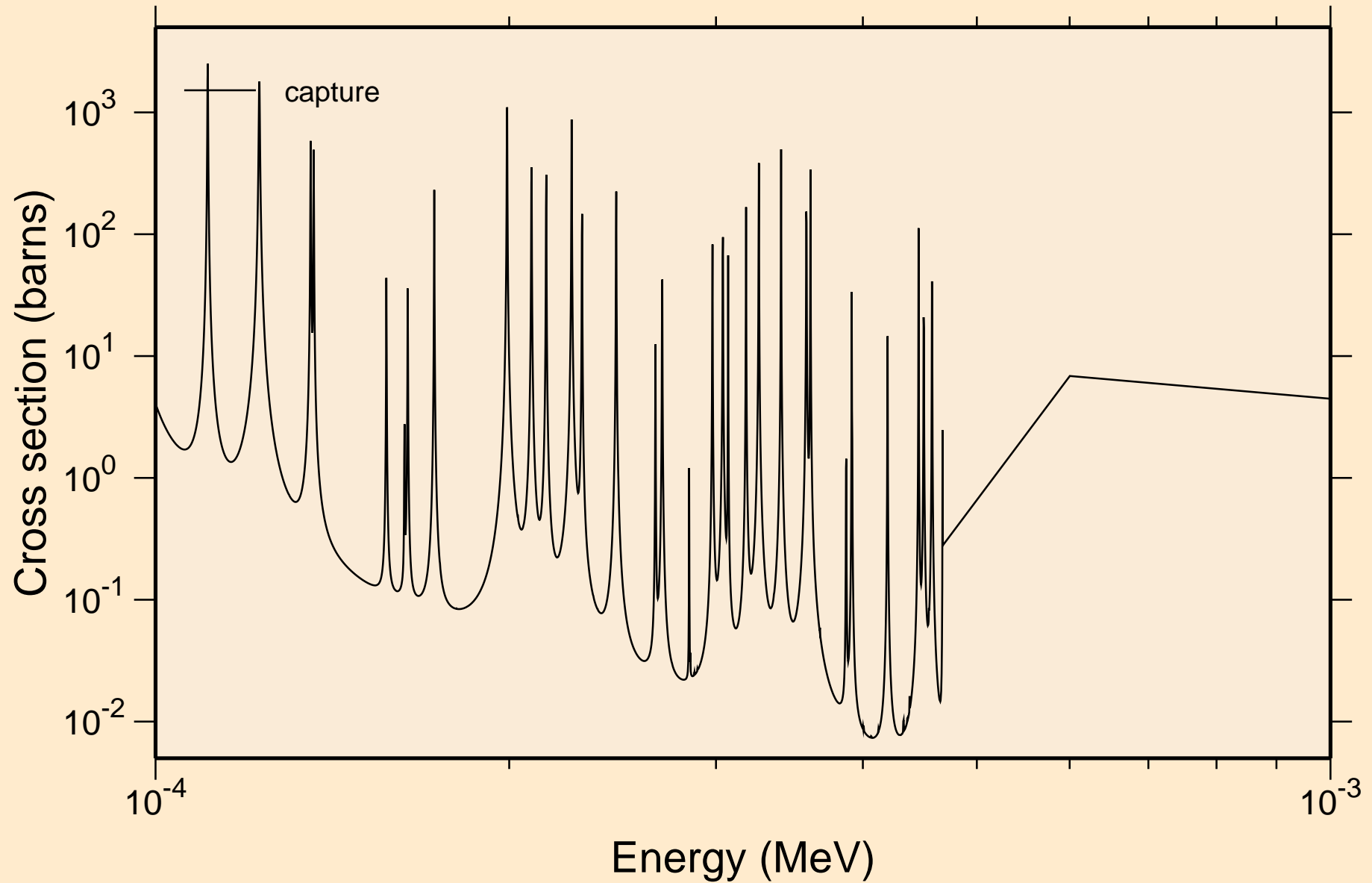
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

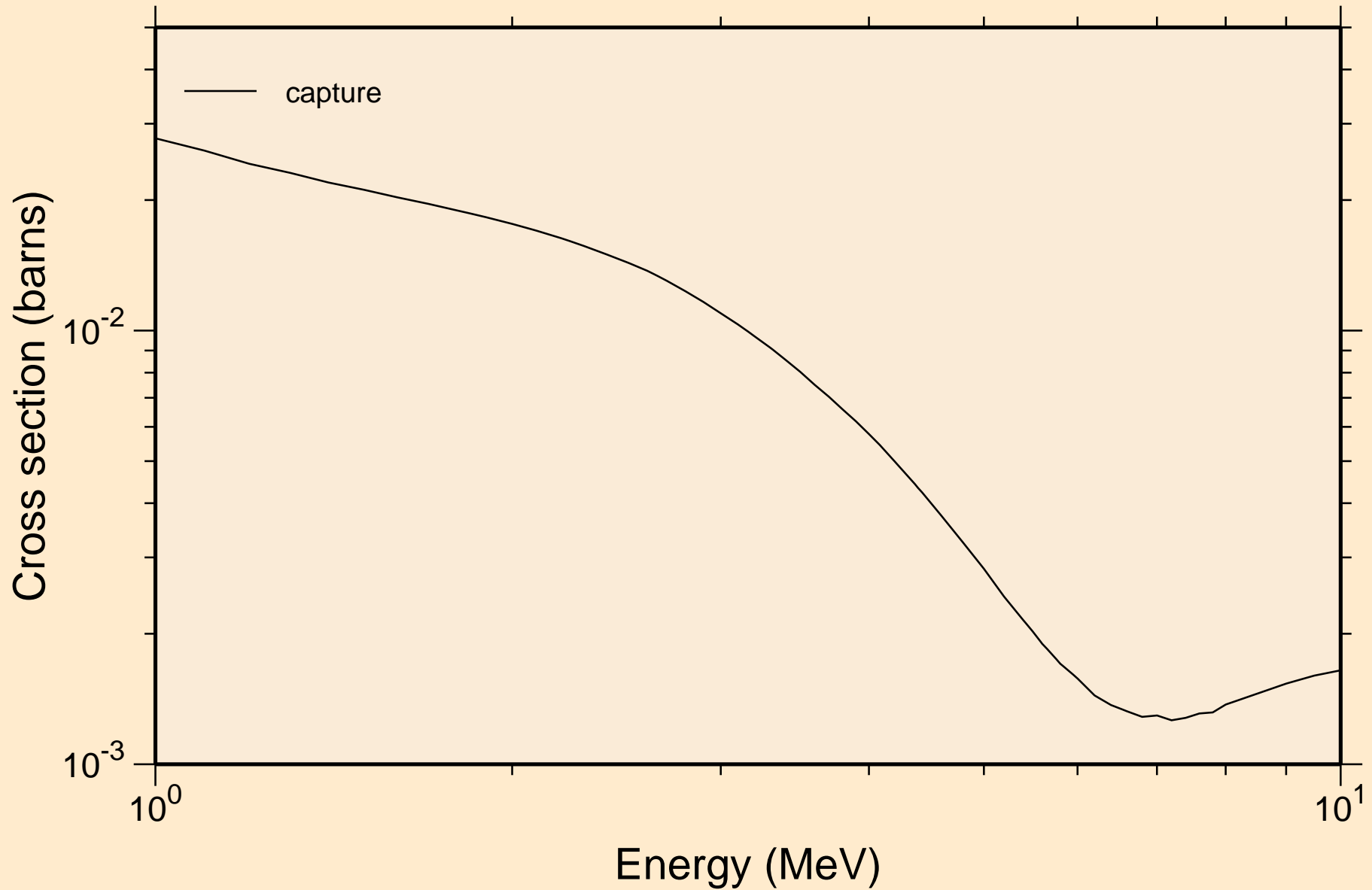


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



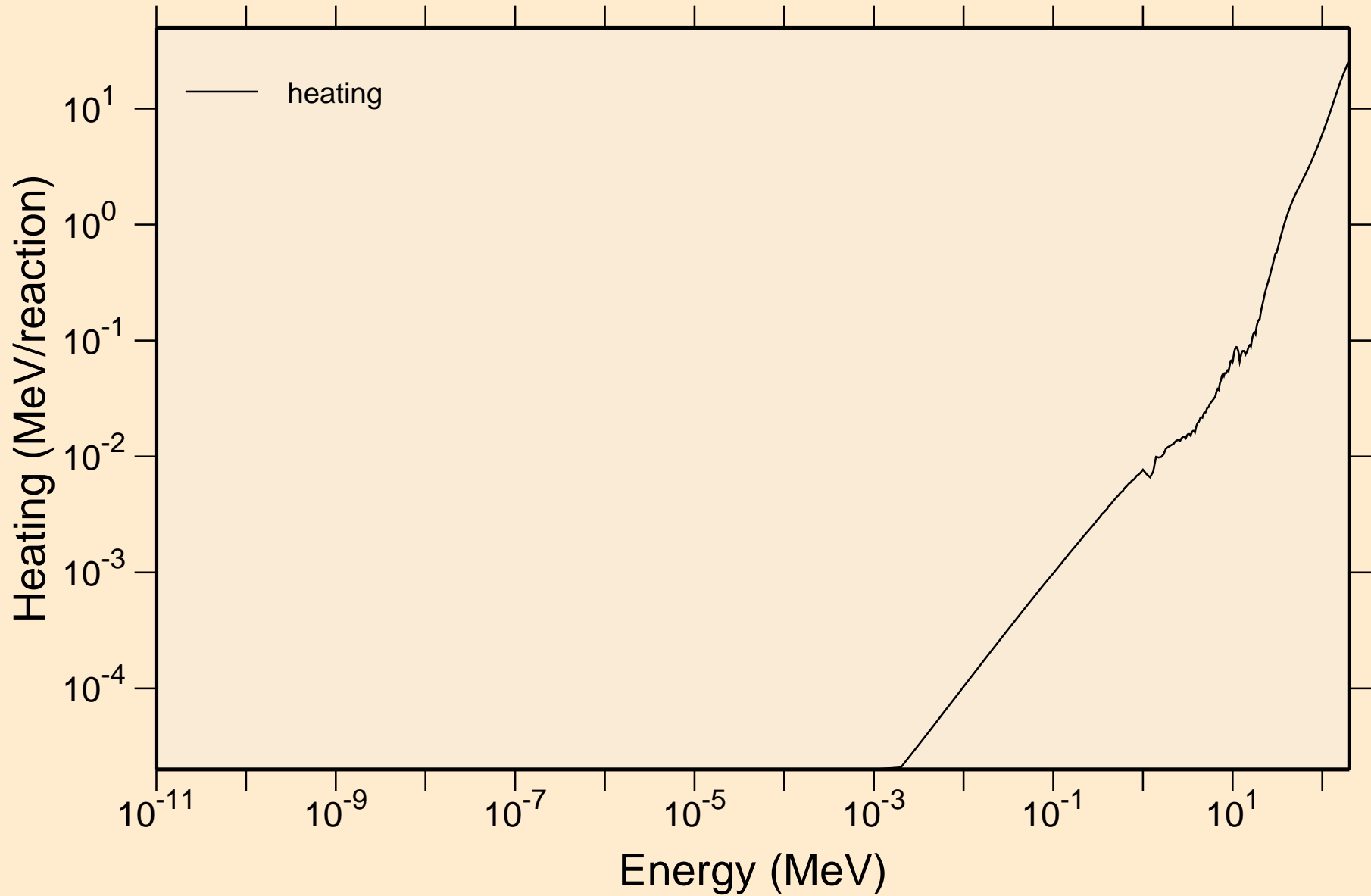


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



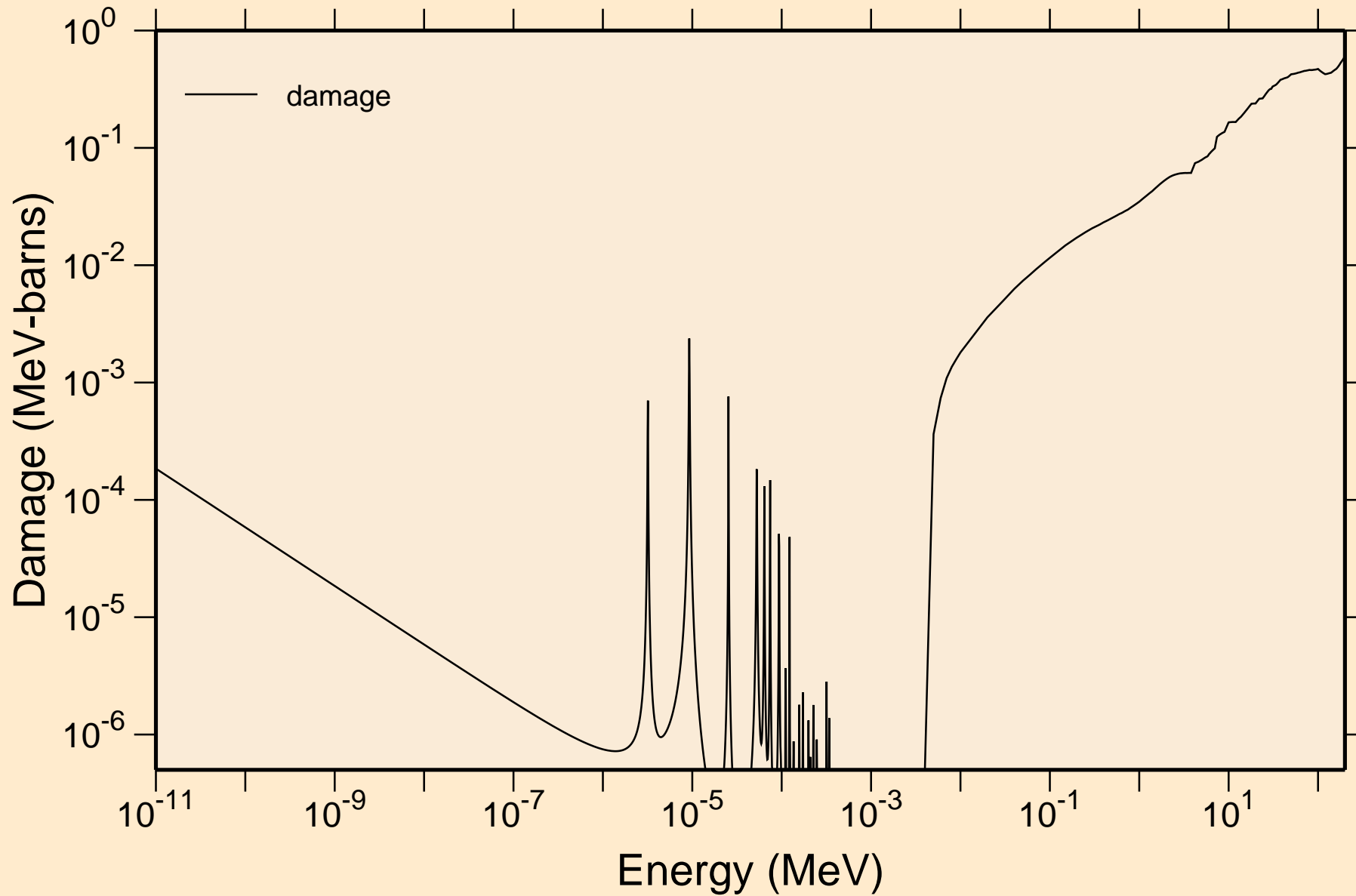
# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

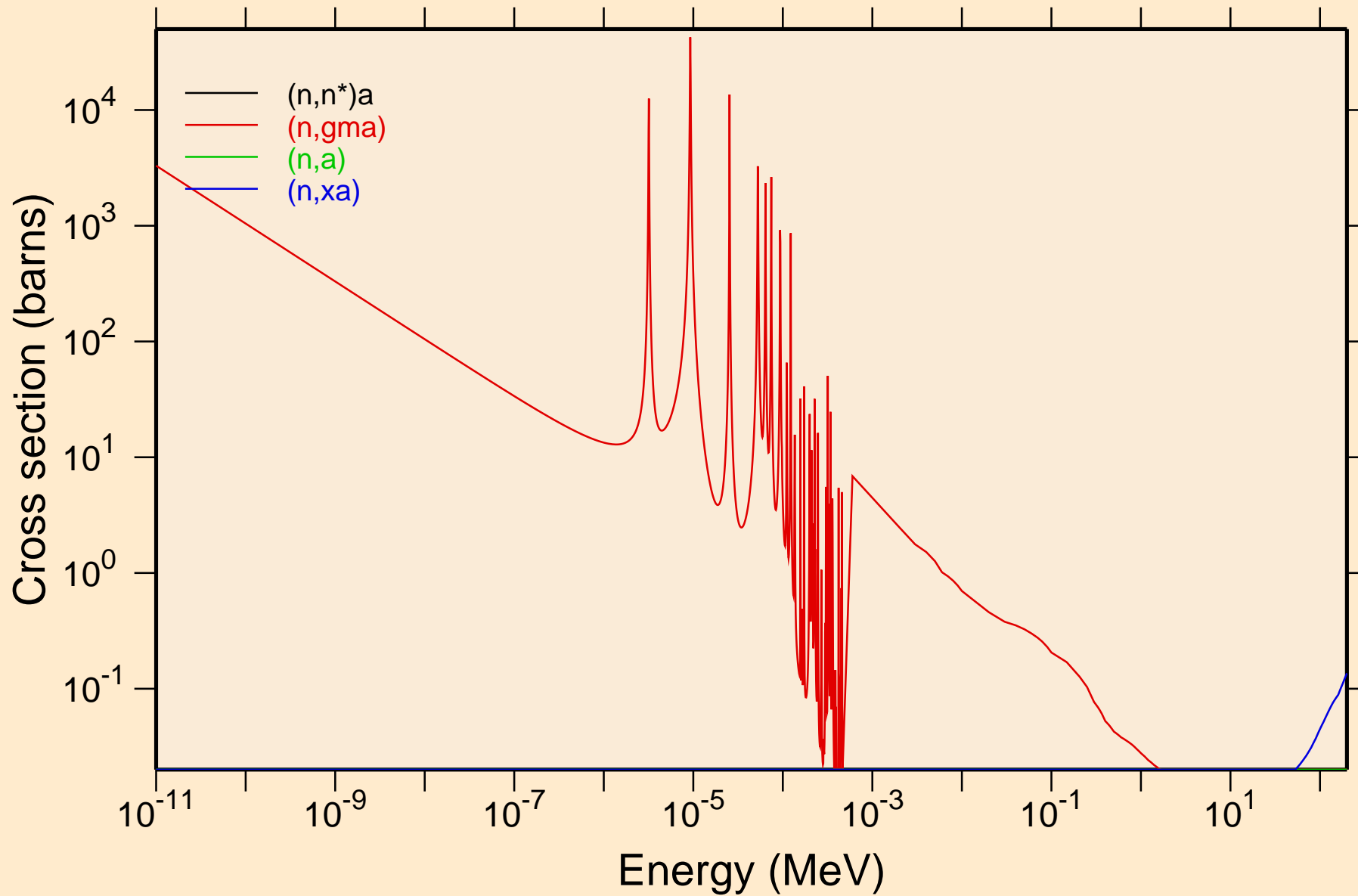


# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

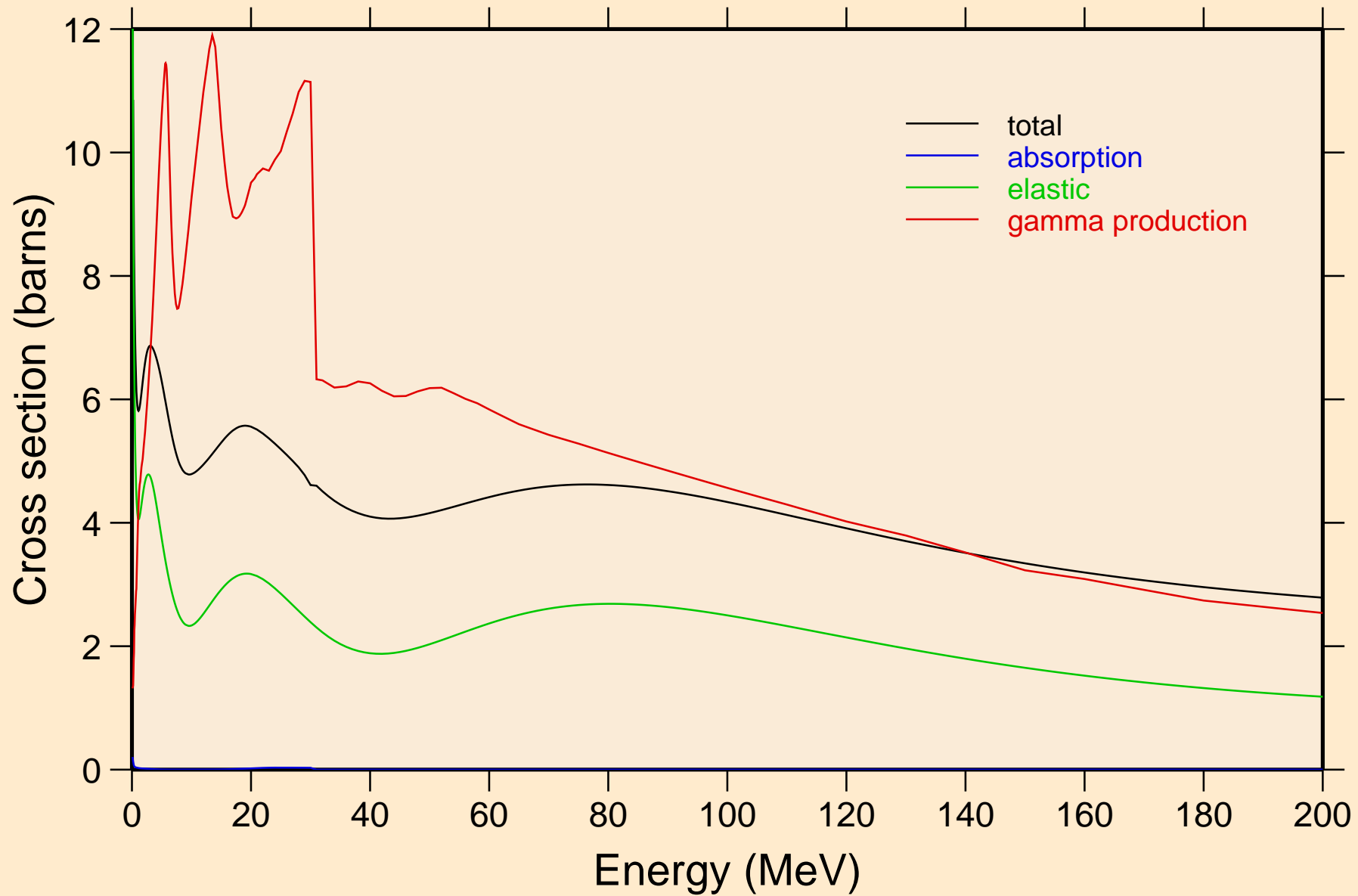
## Damage



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

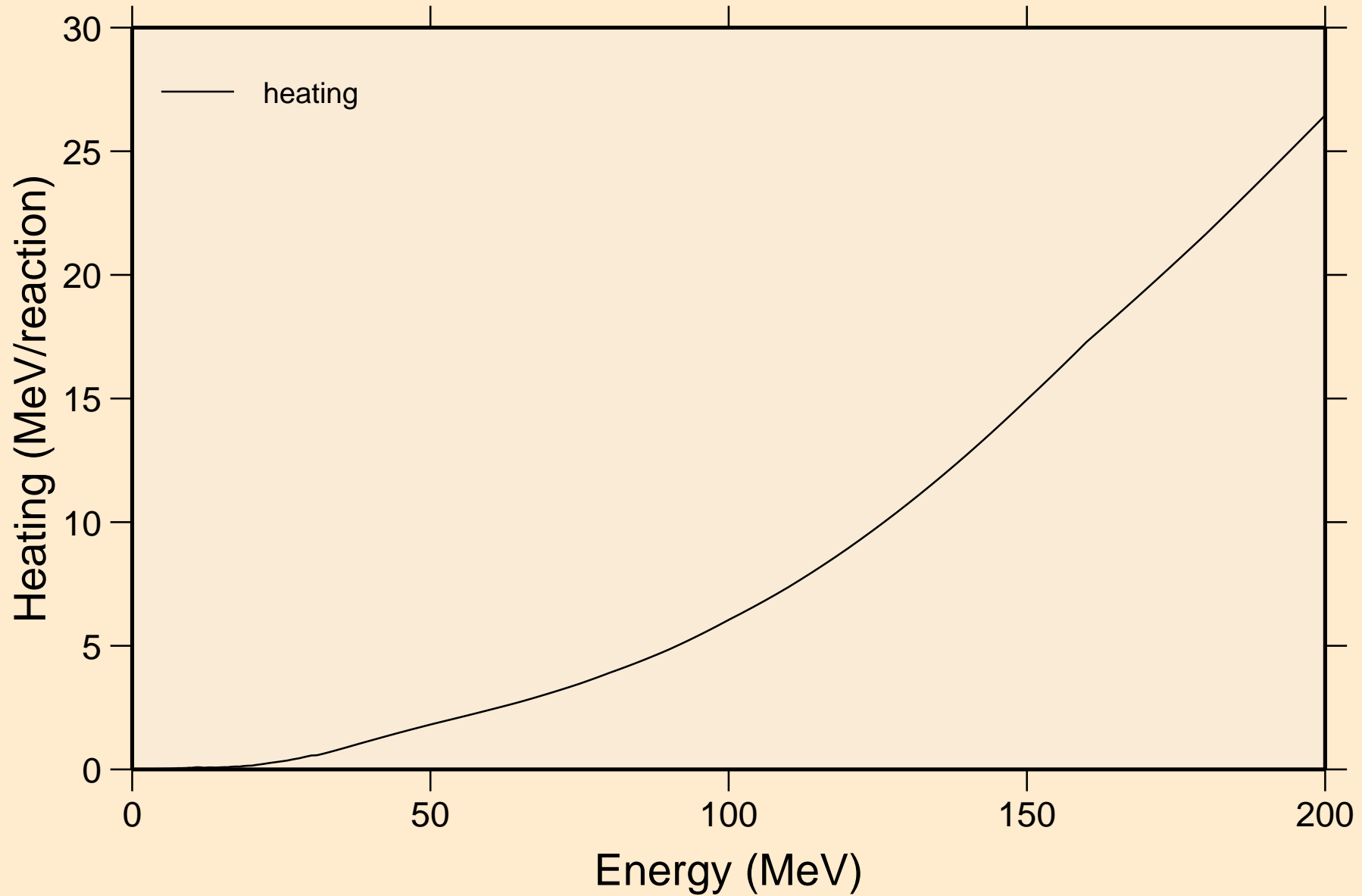


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



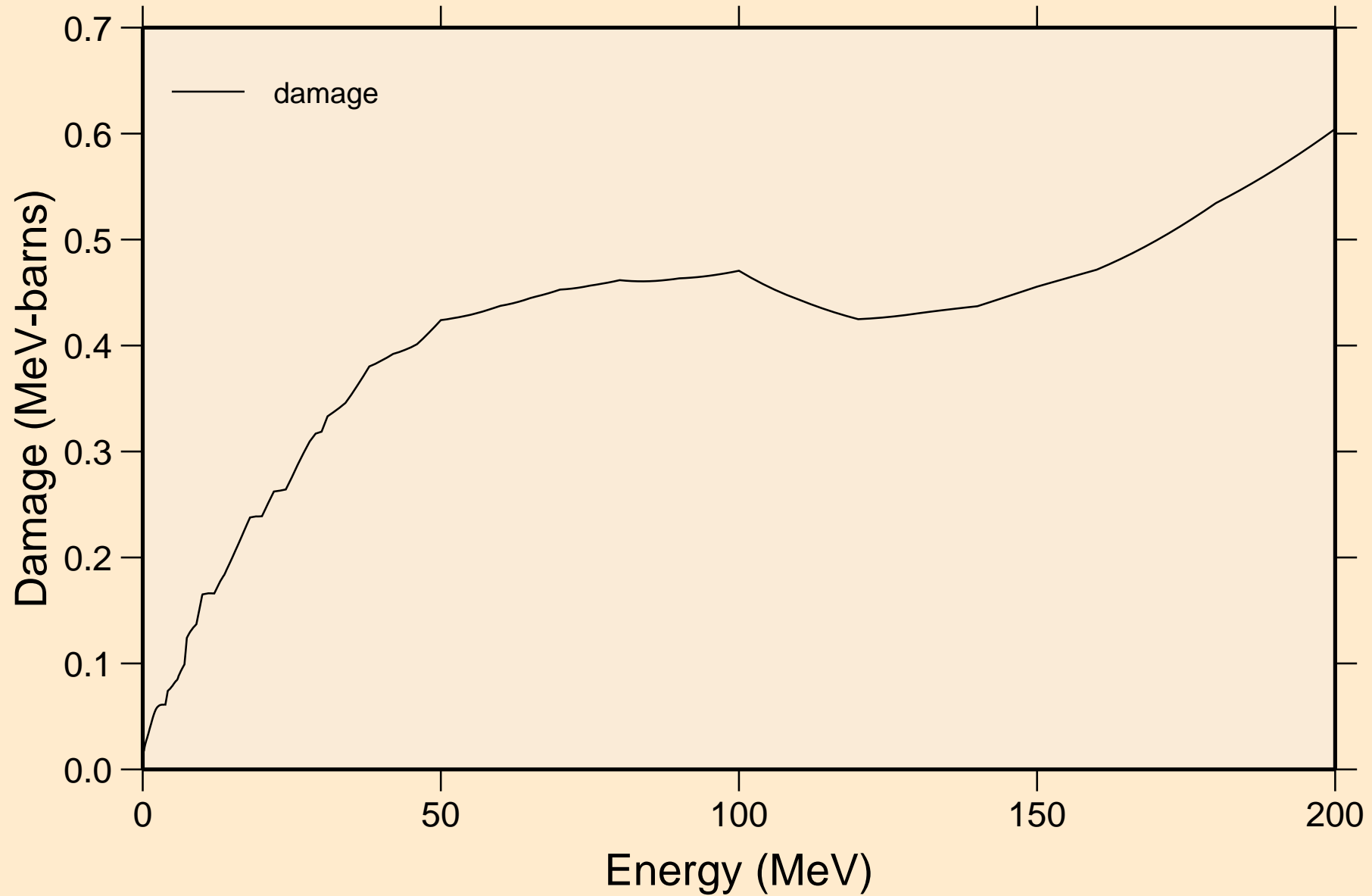
# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

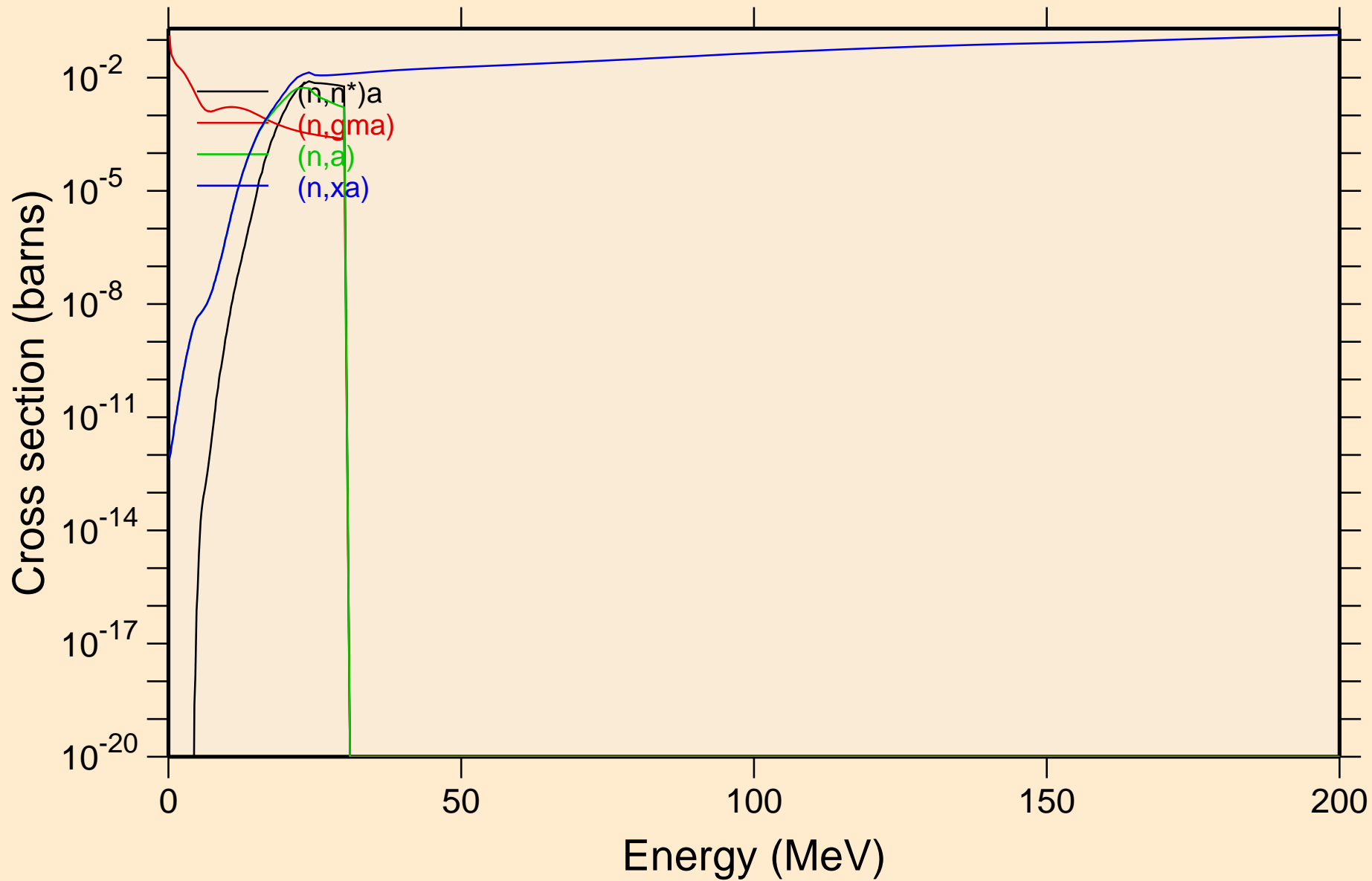


# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

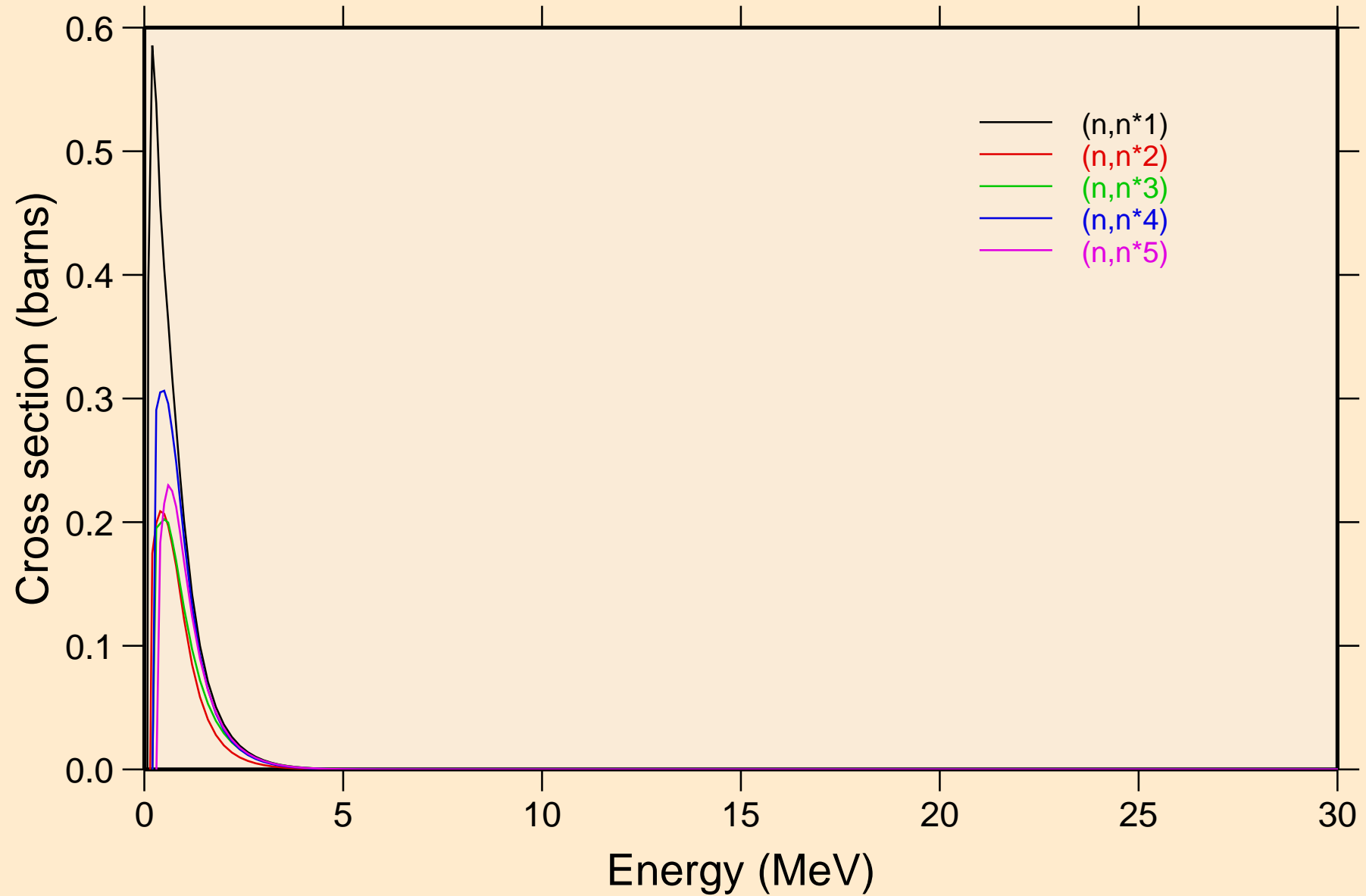


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

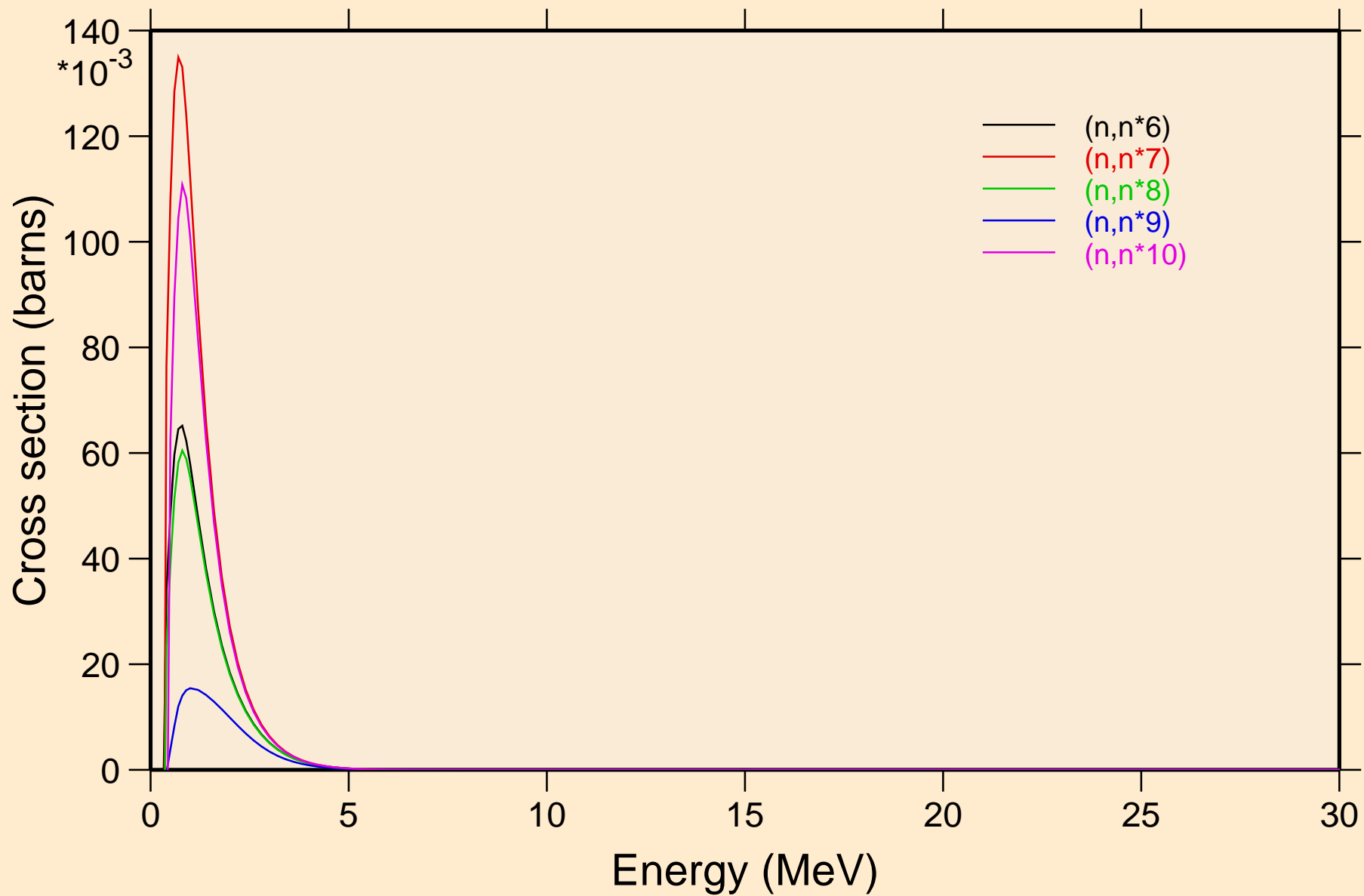




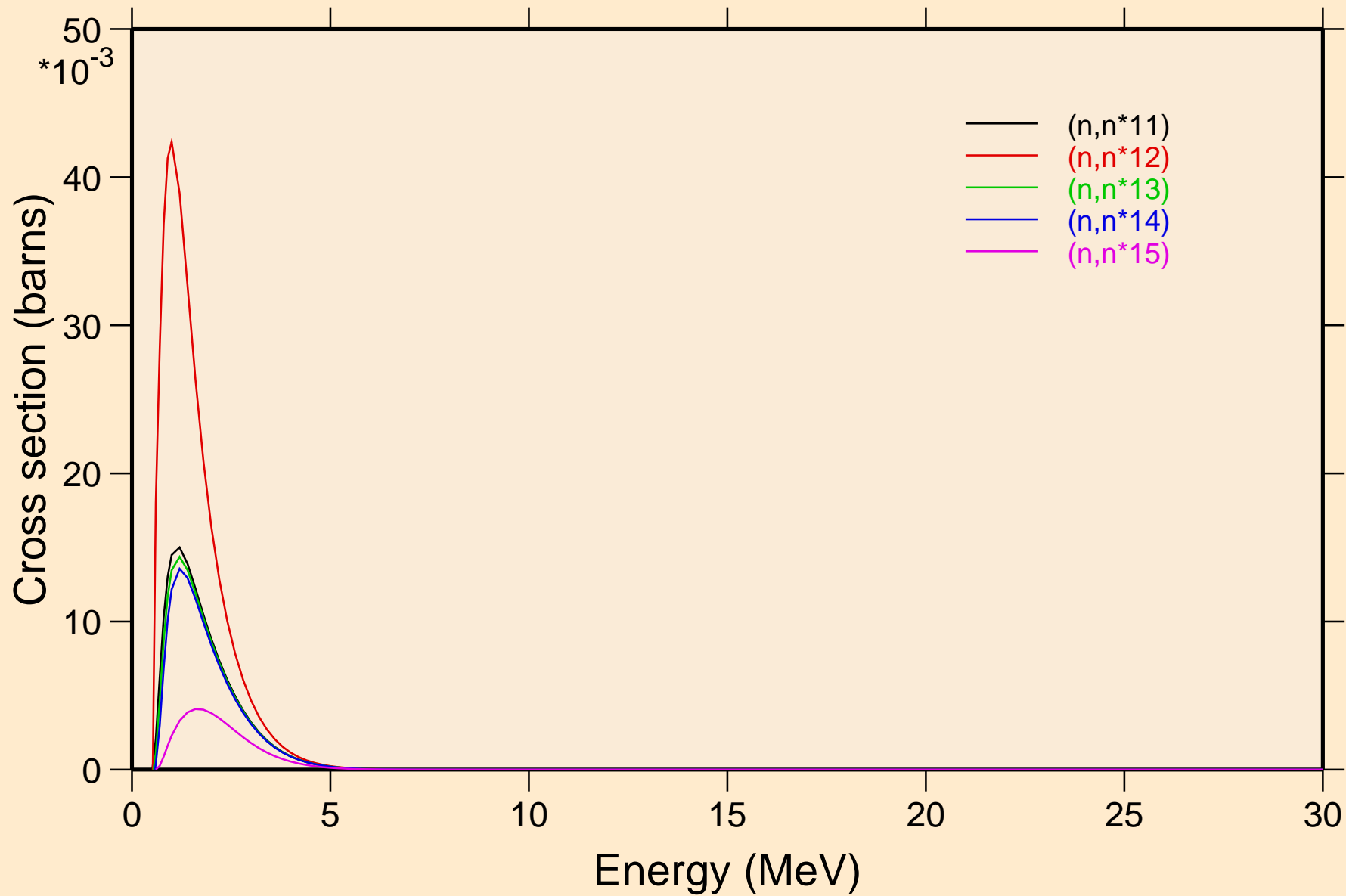
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



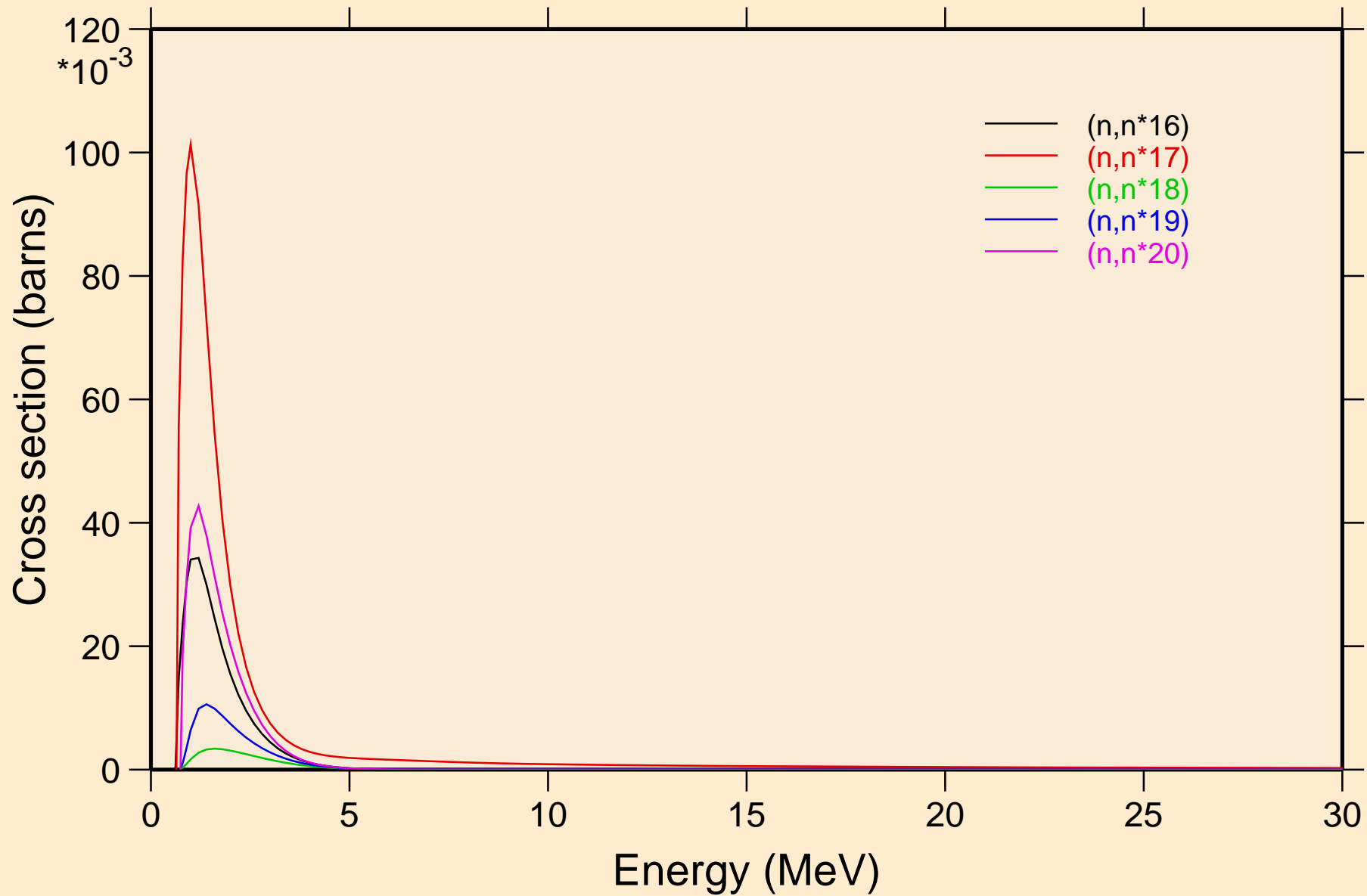
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



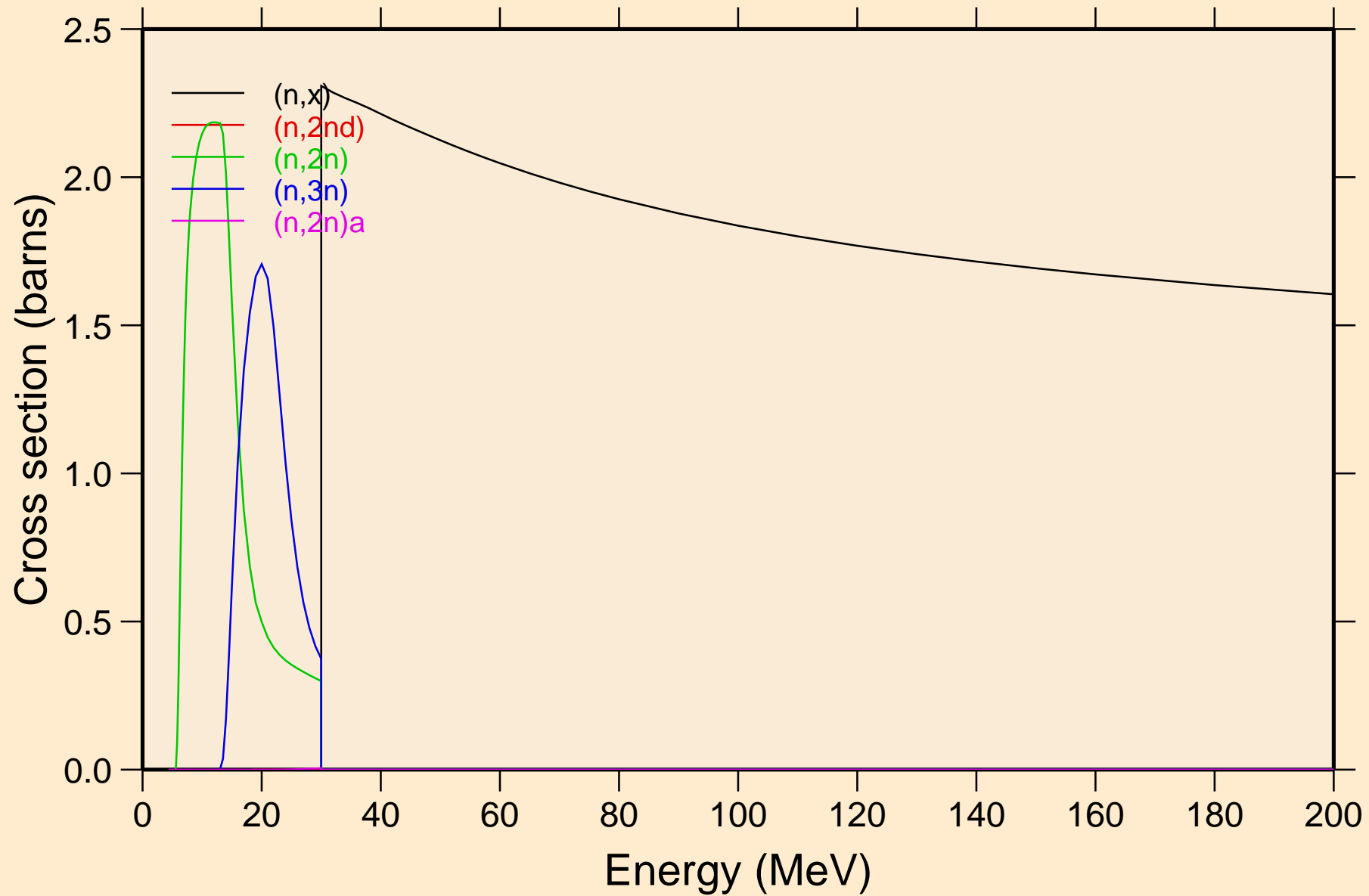
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



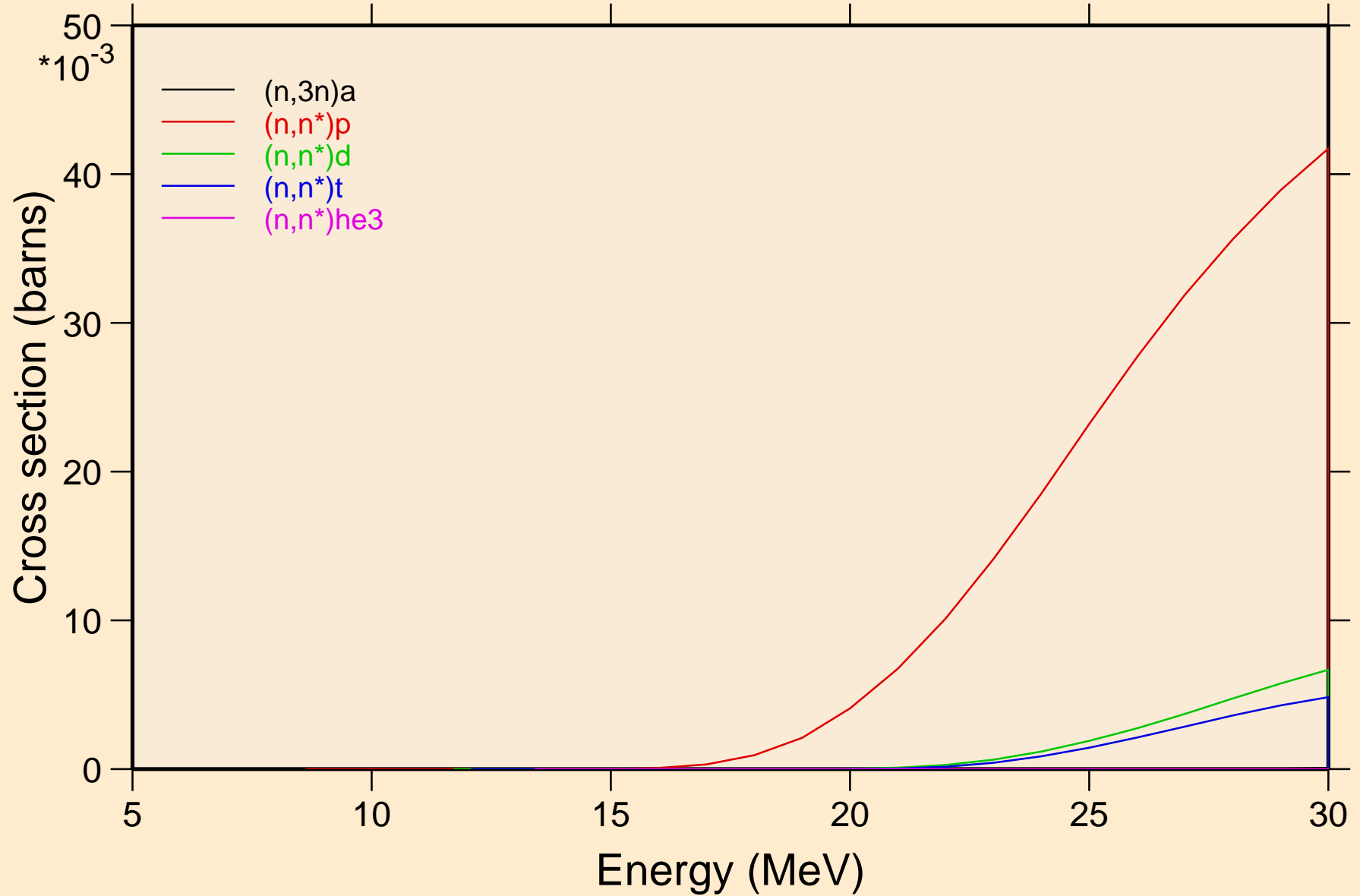
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



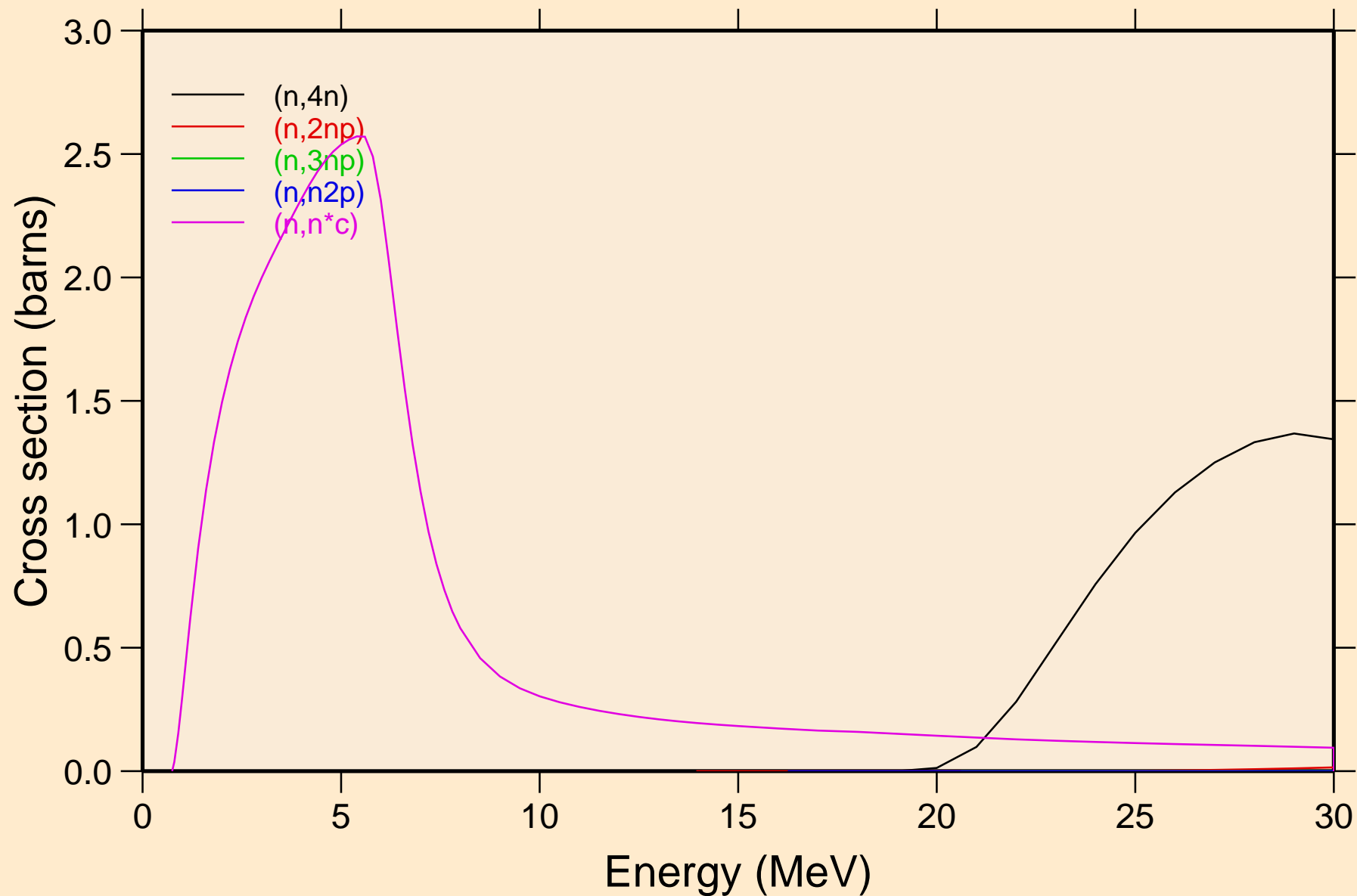
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



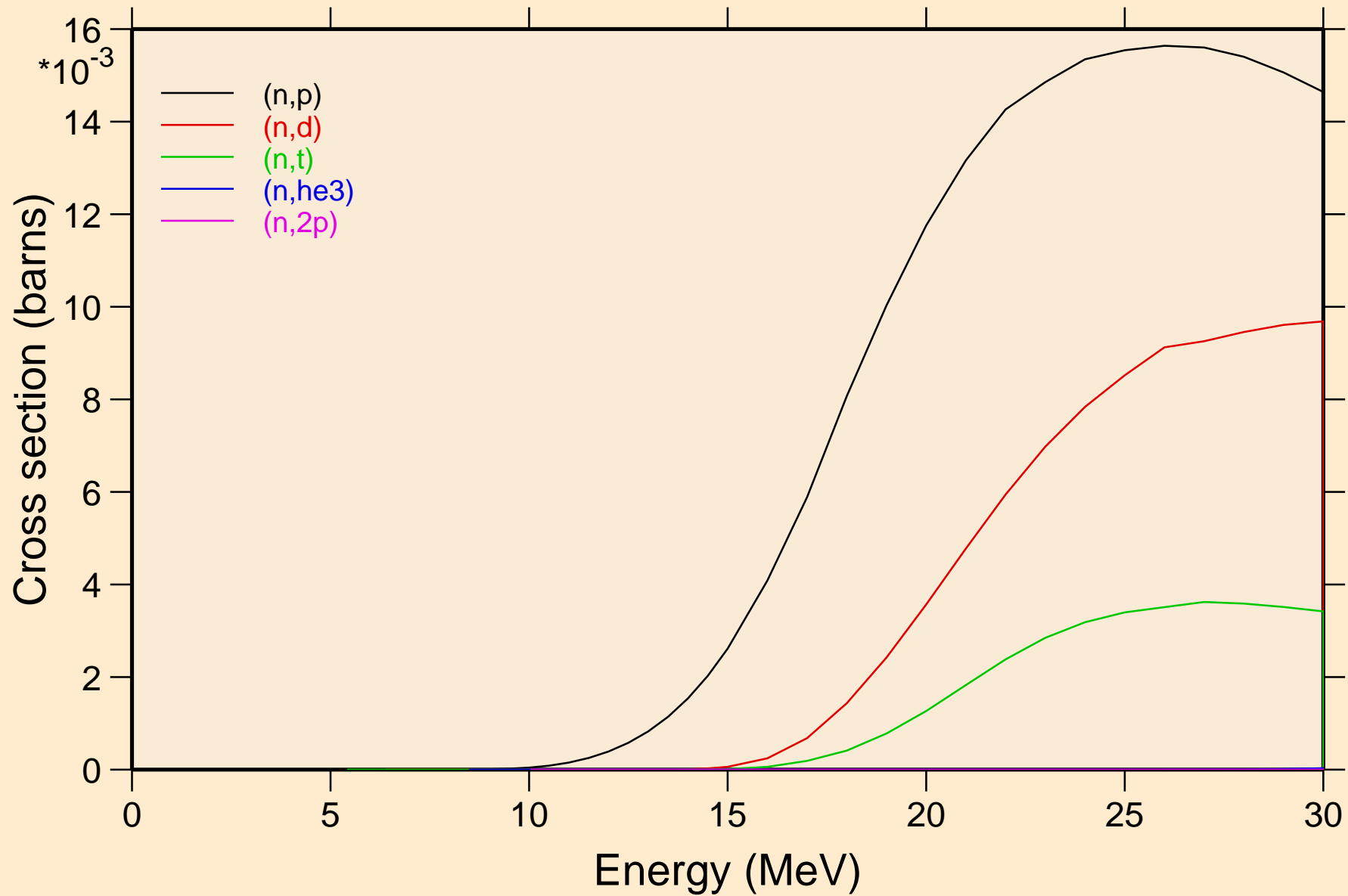
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

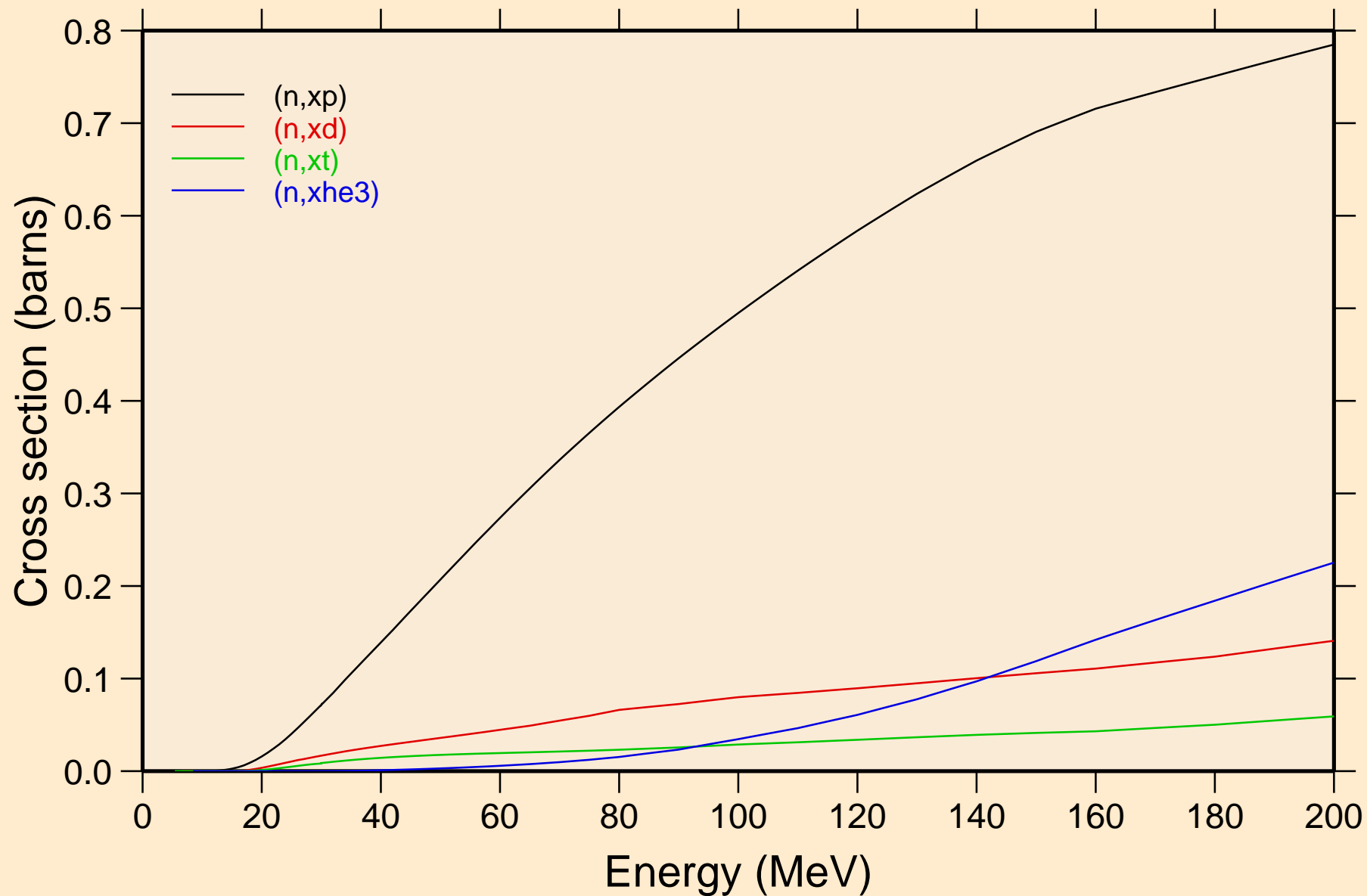


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

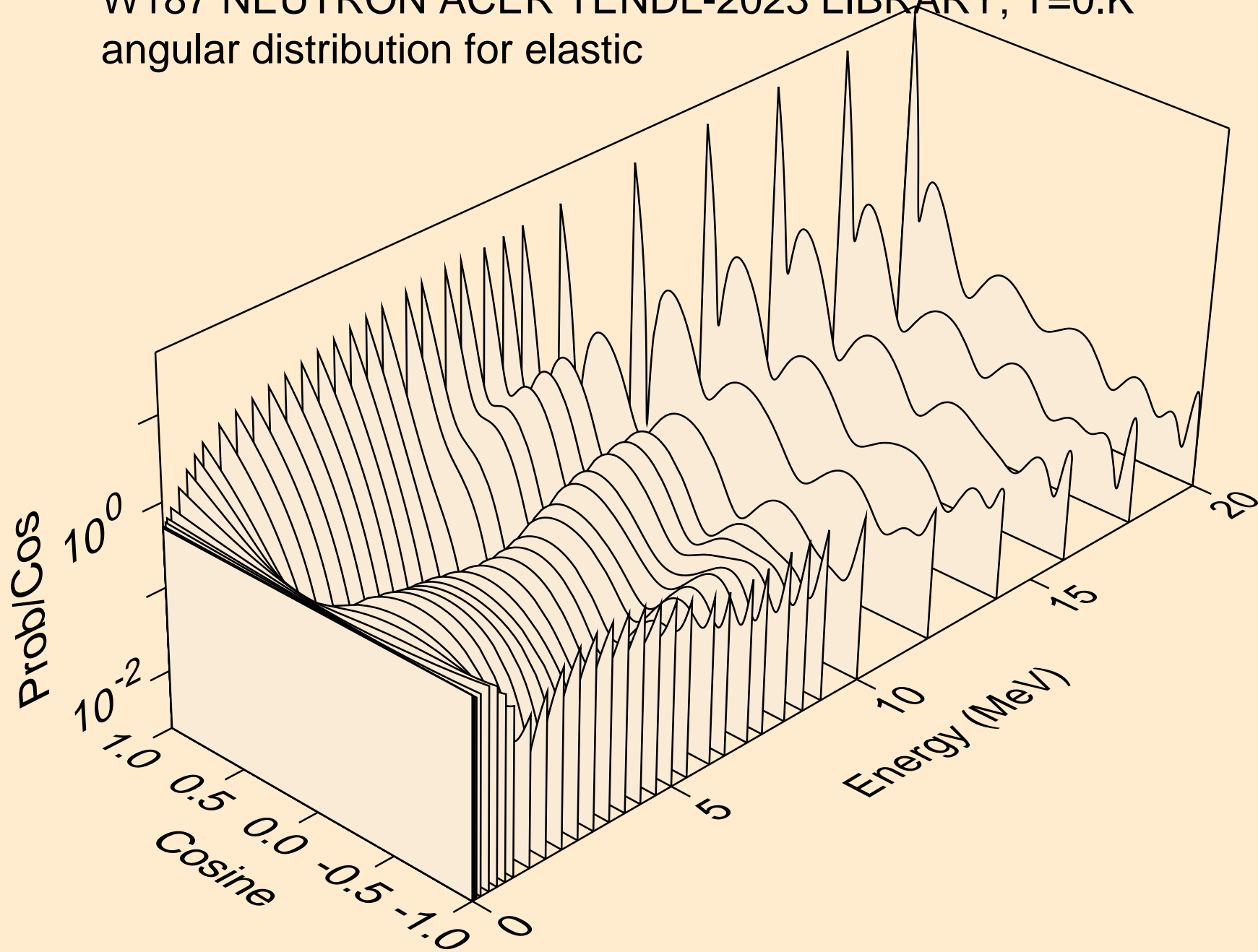




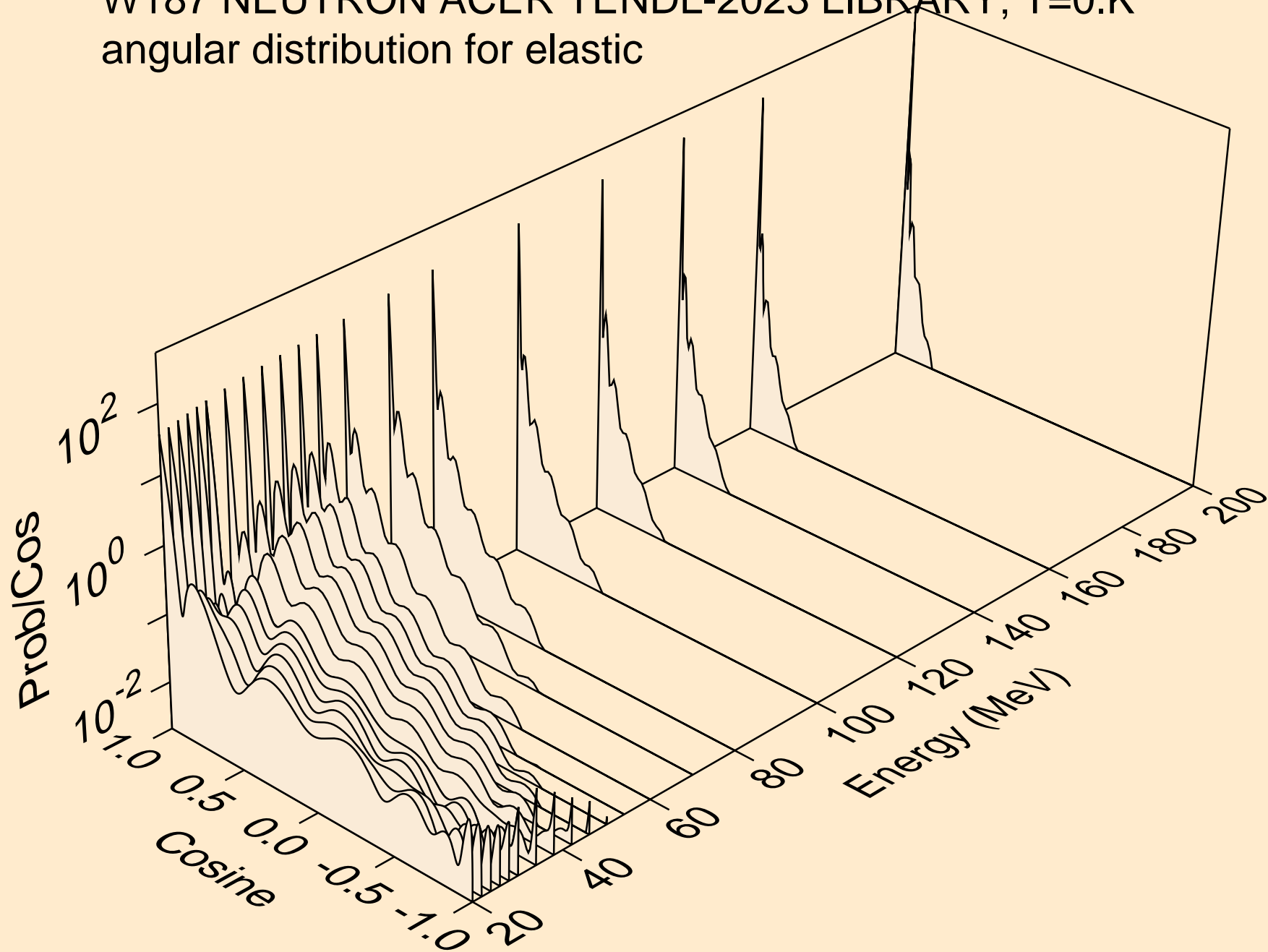
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



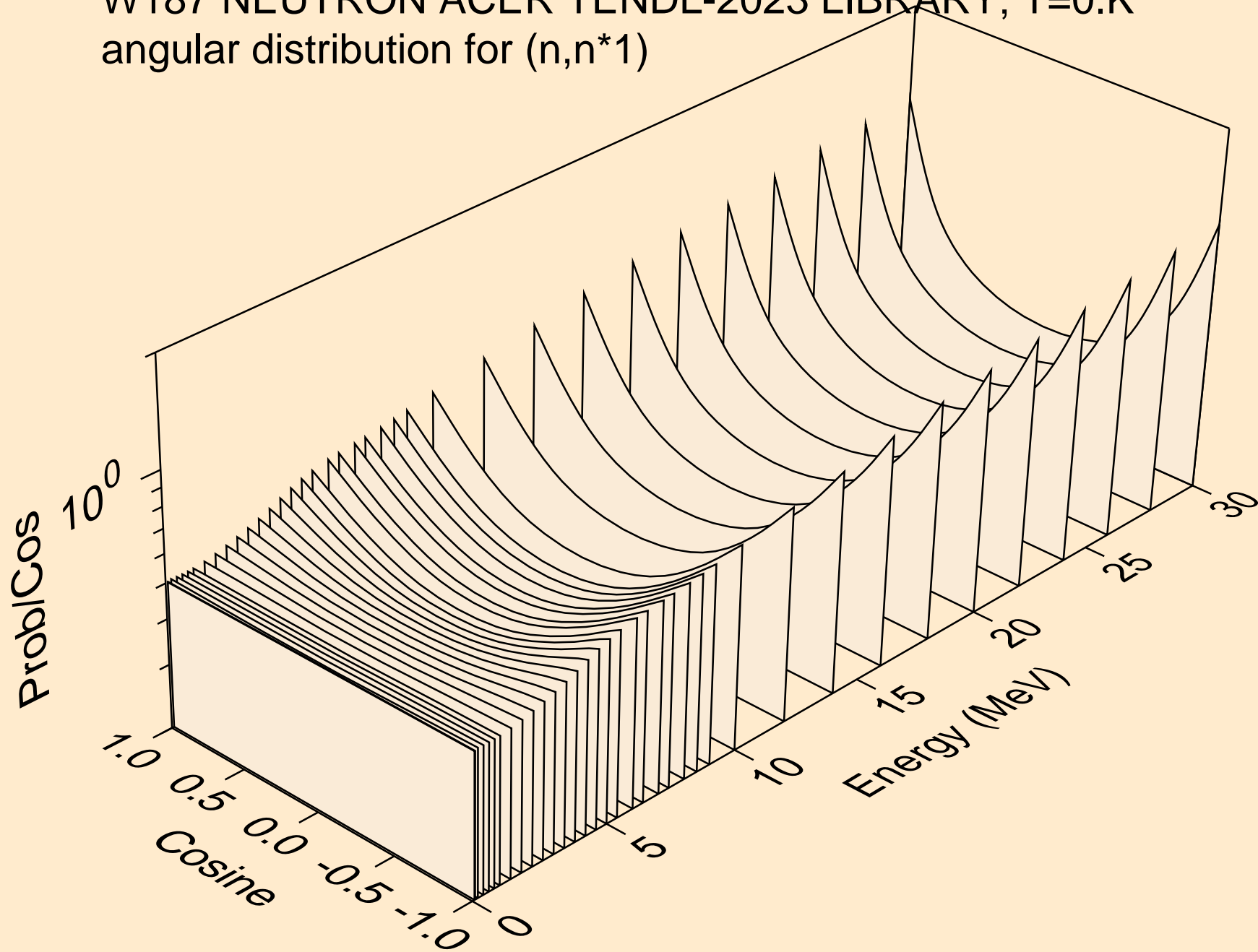
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



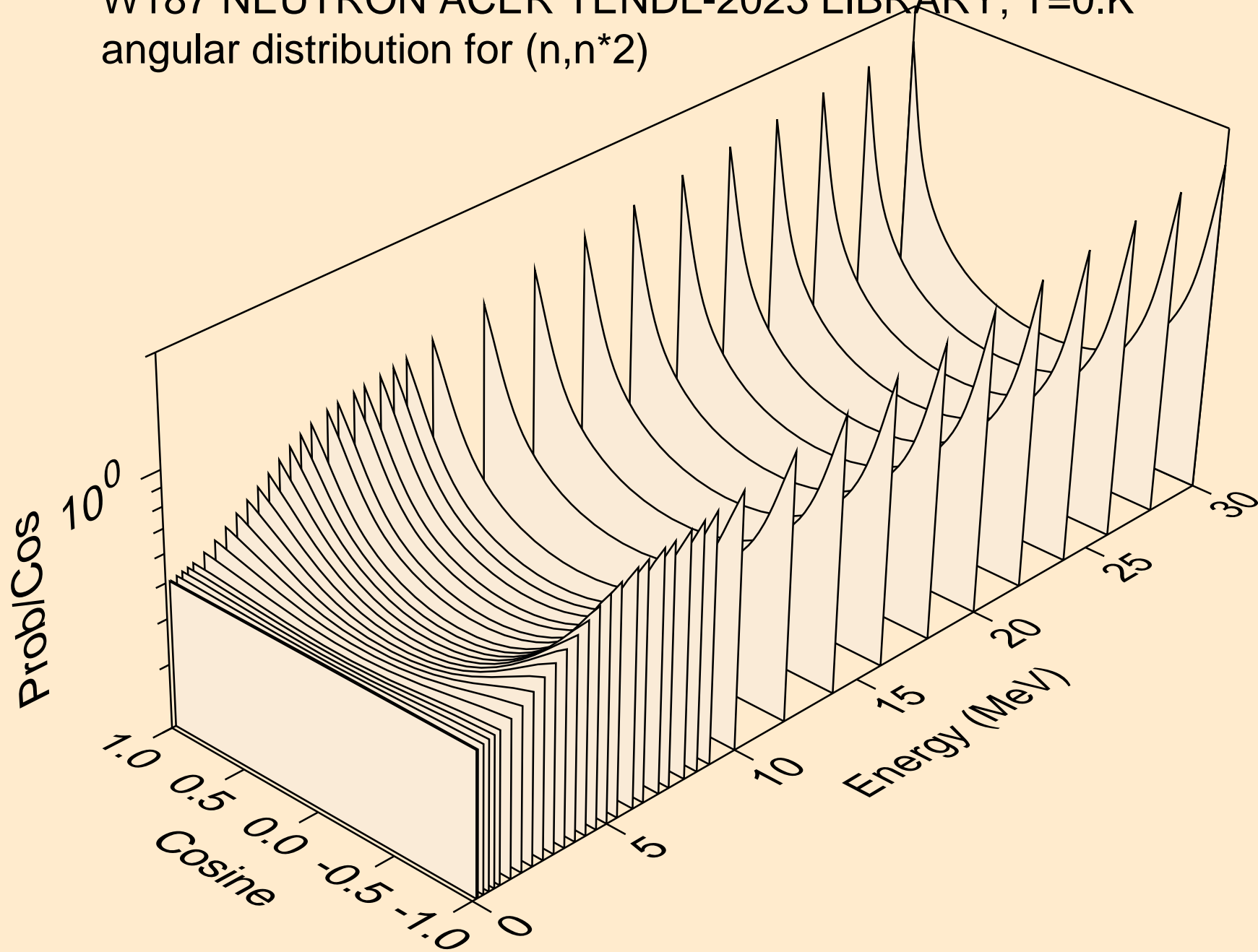
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



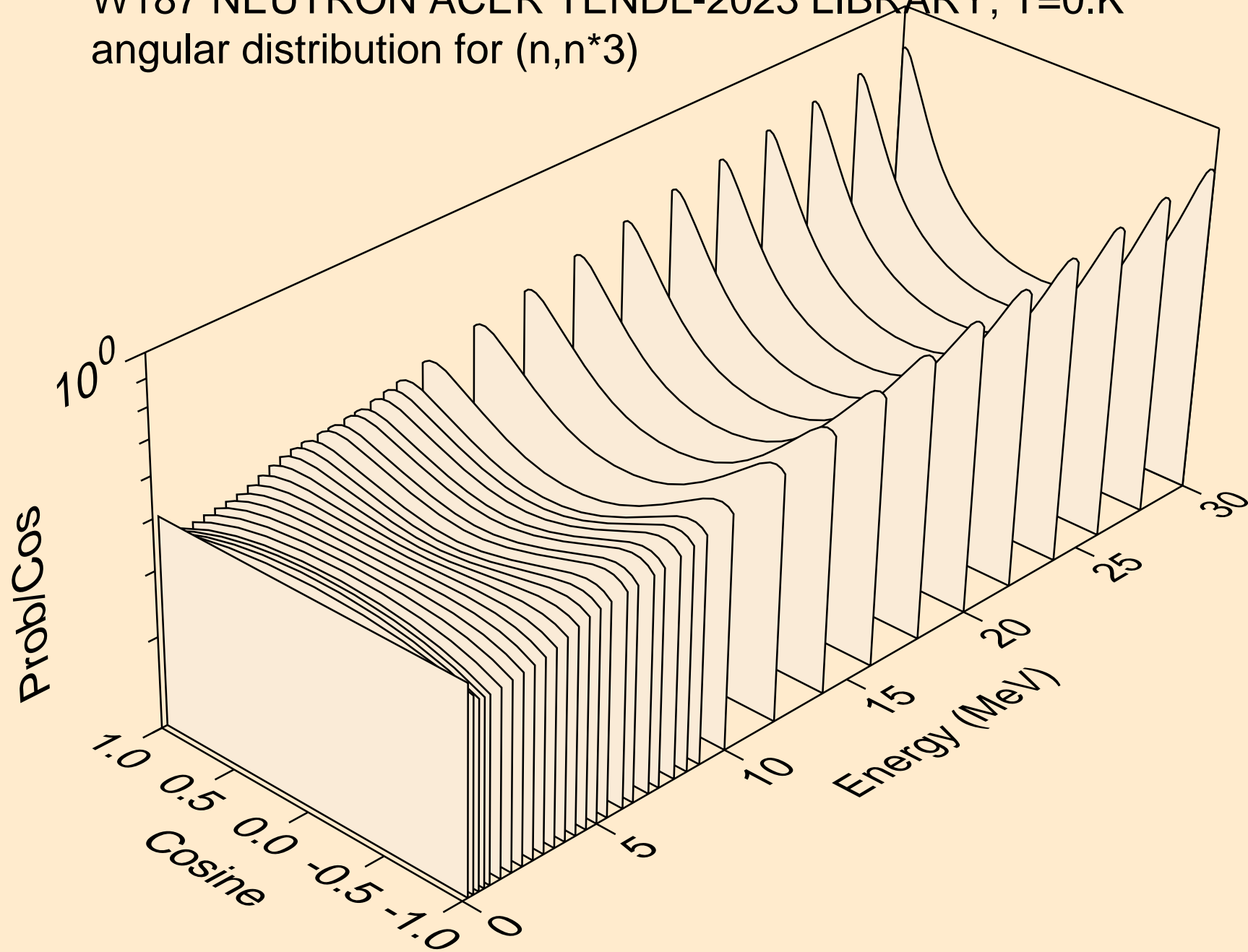
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



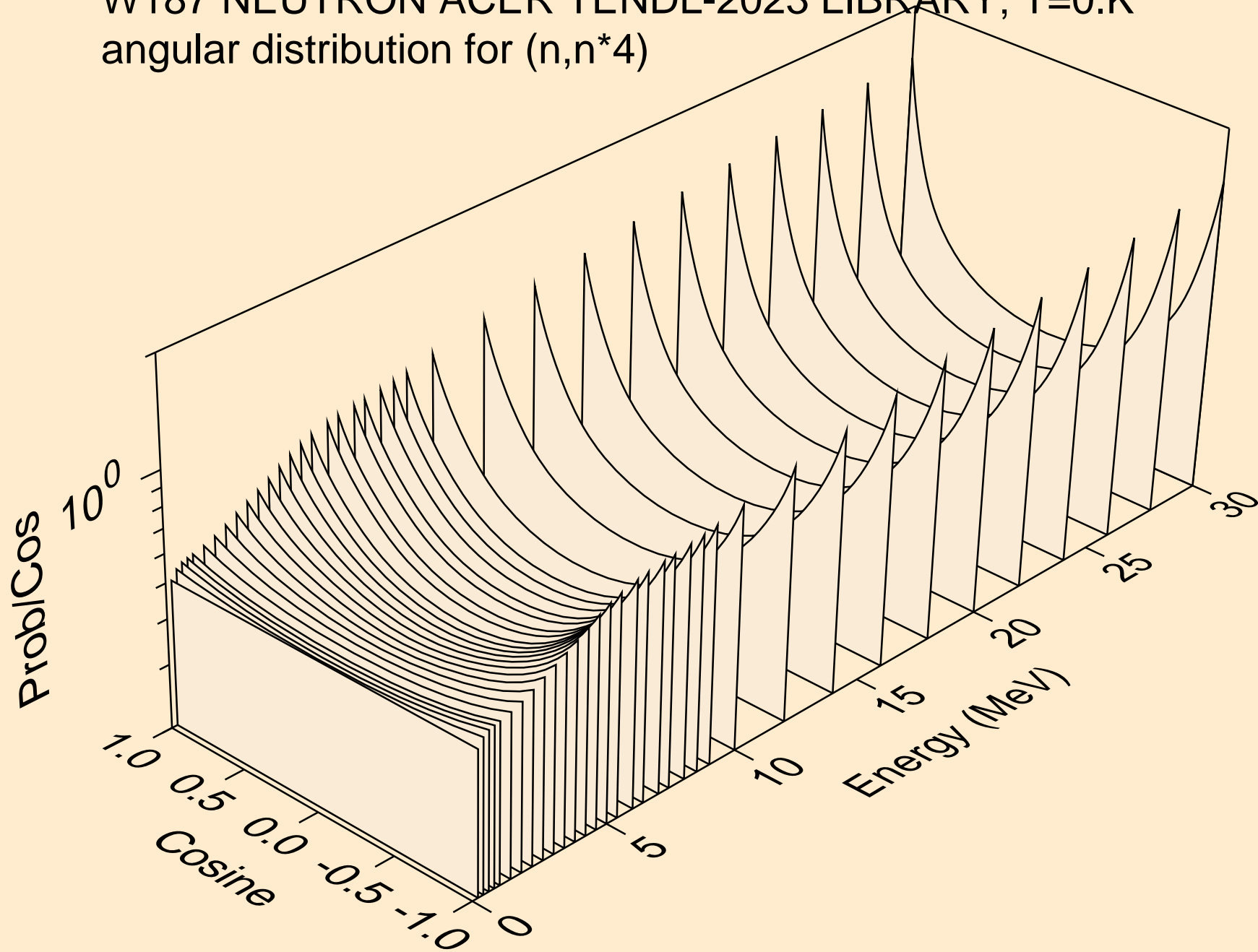
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angular distribution for (n,n\*2)



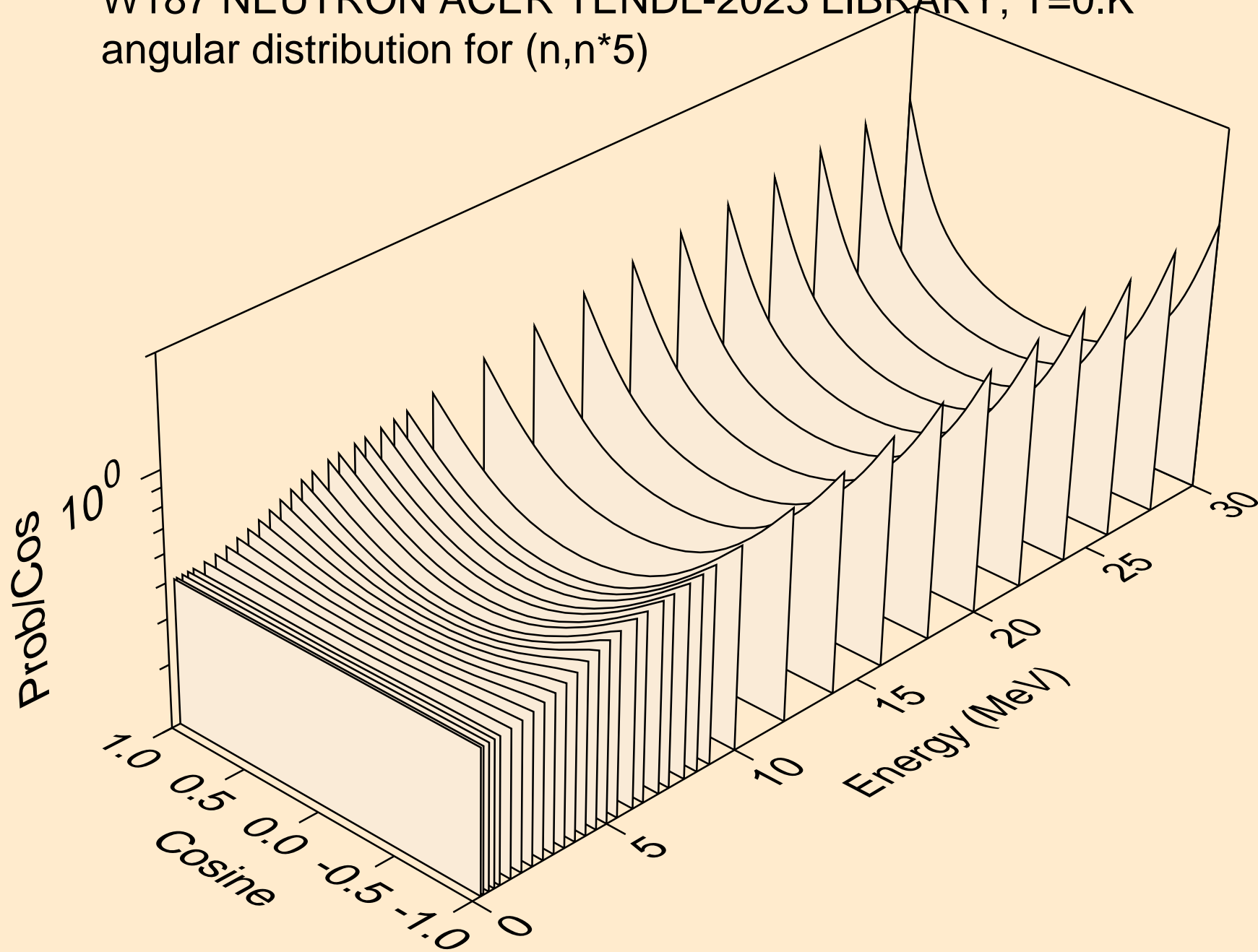
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

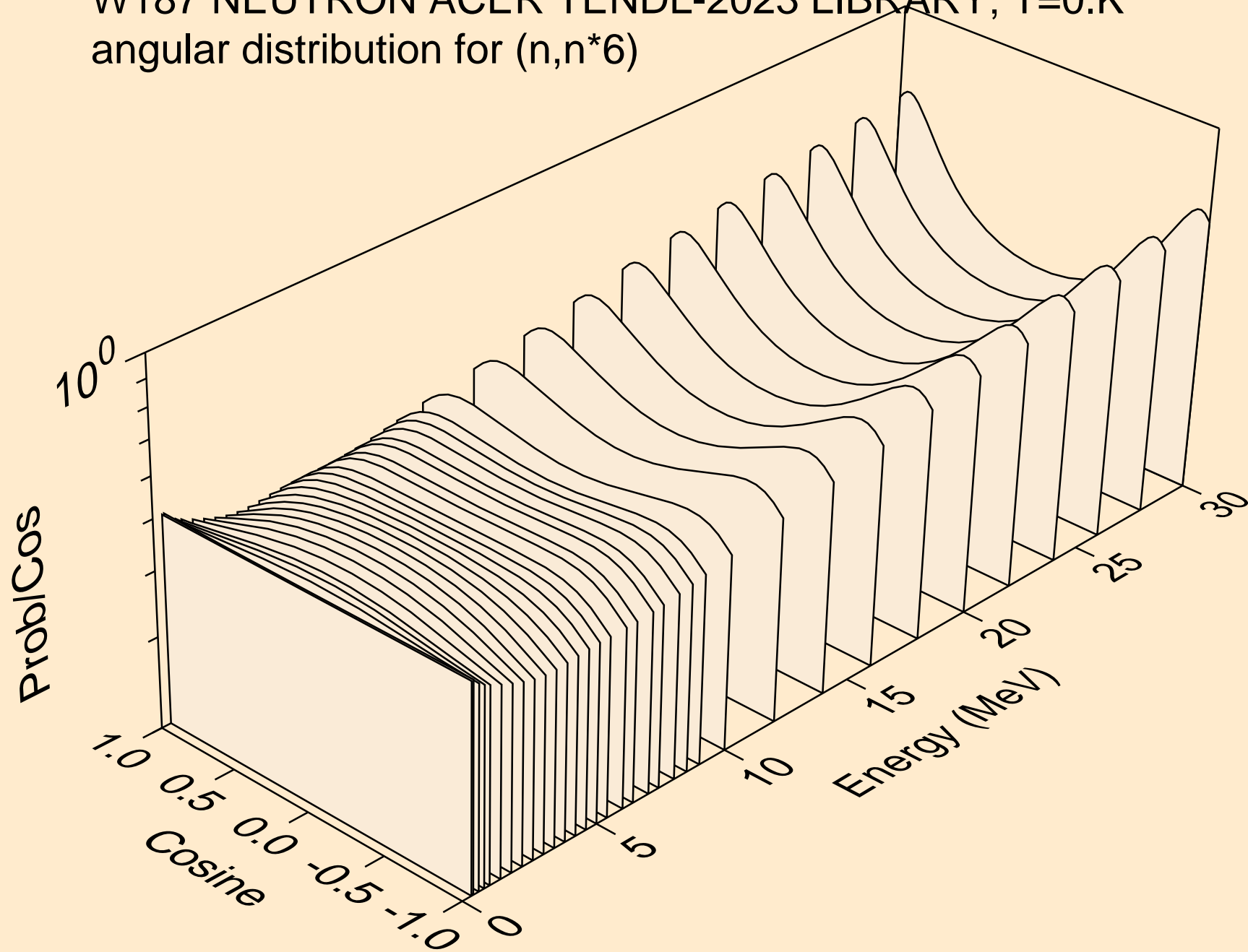


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

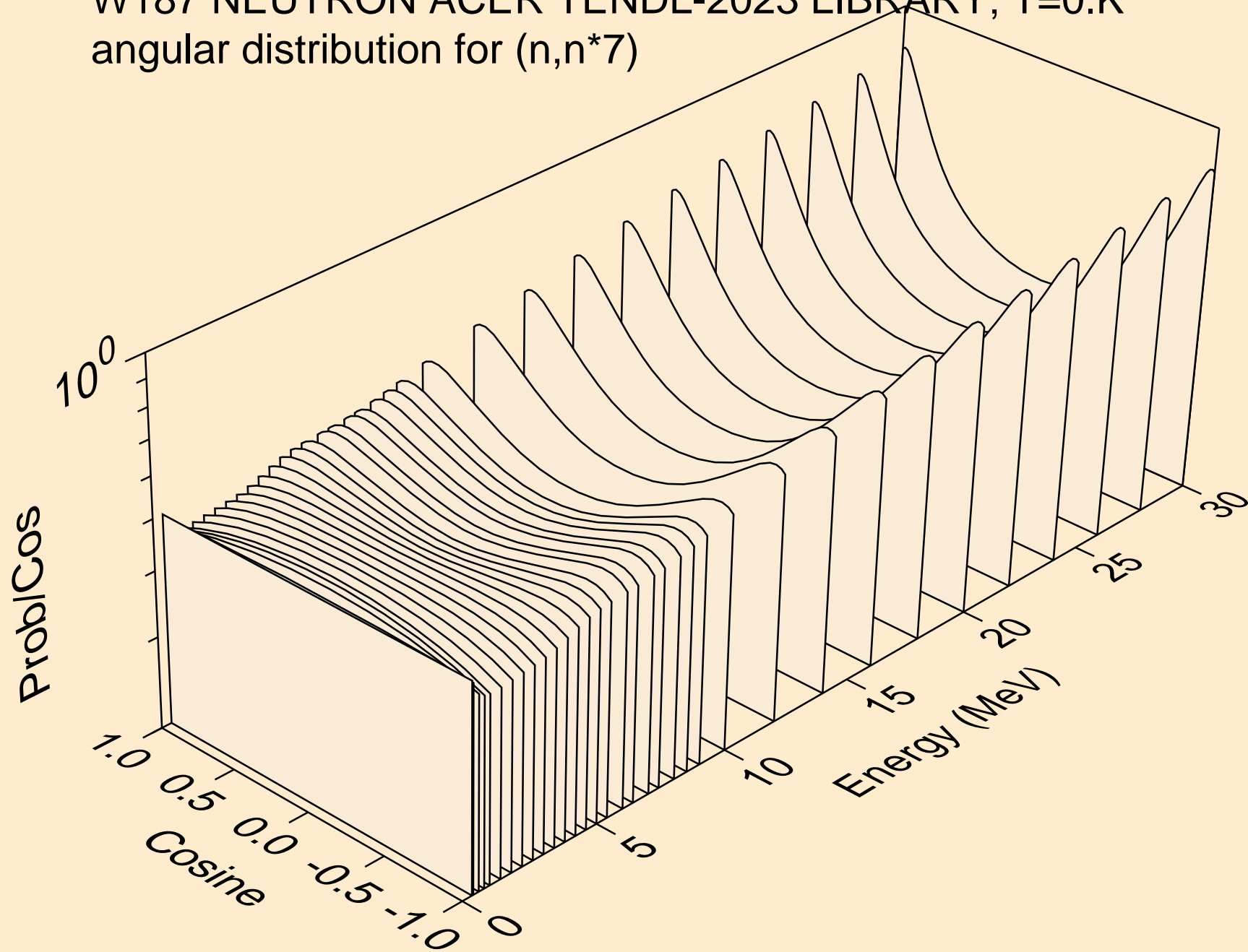




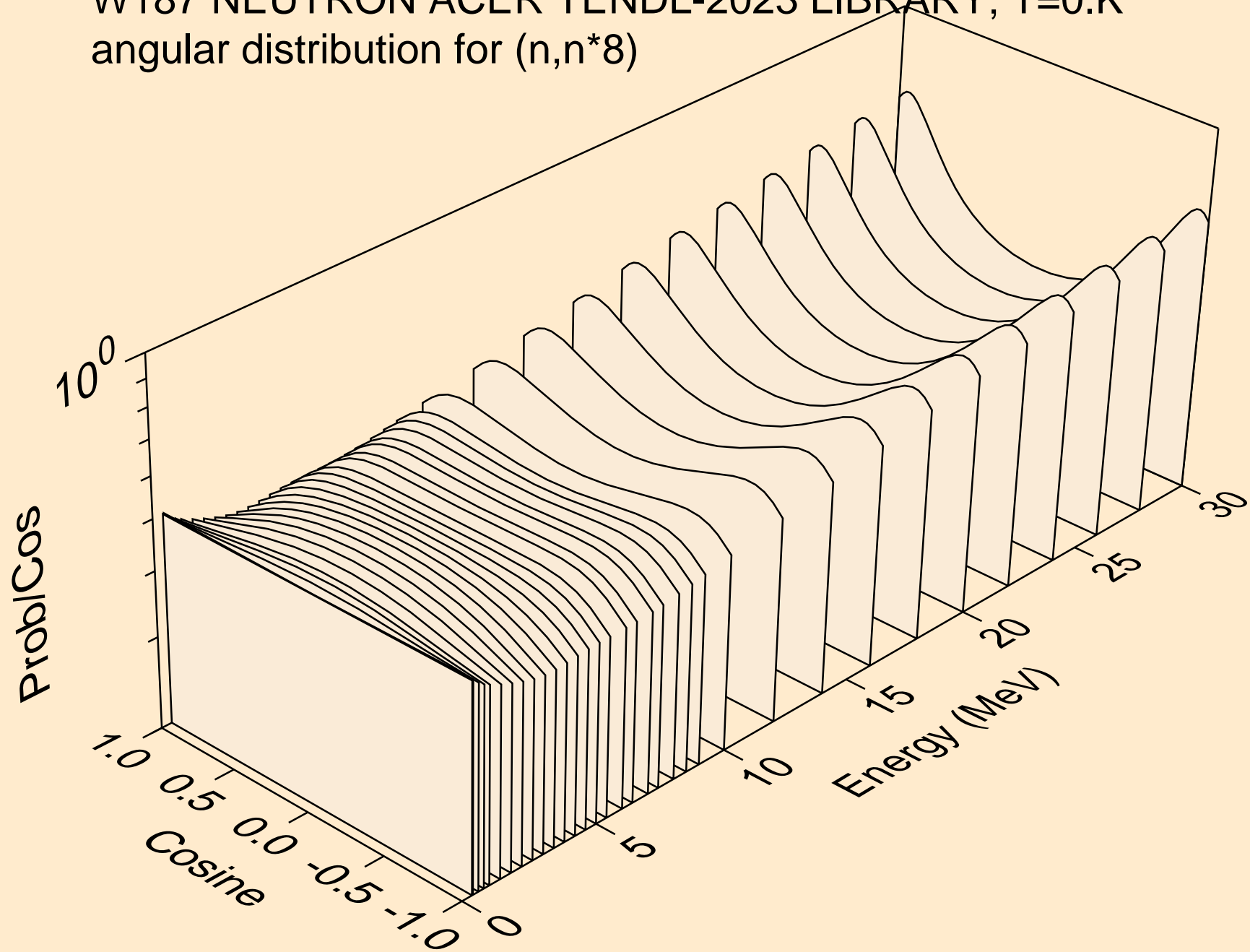
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



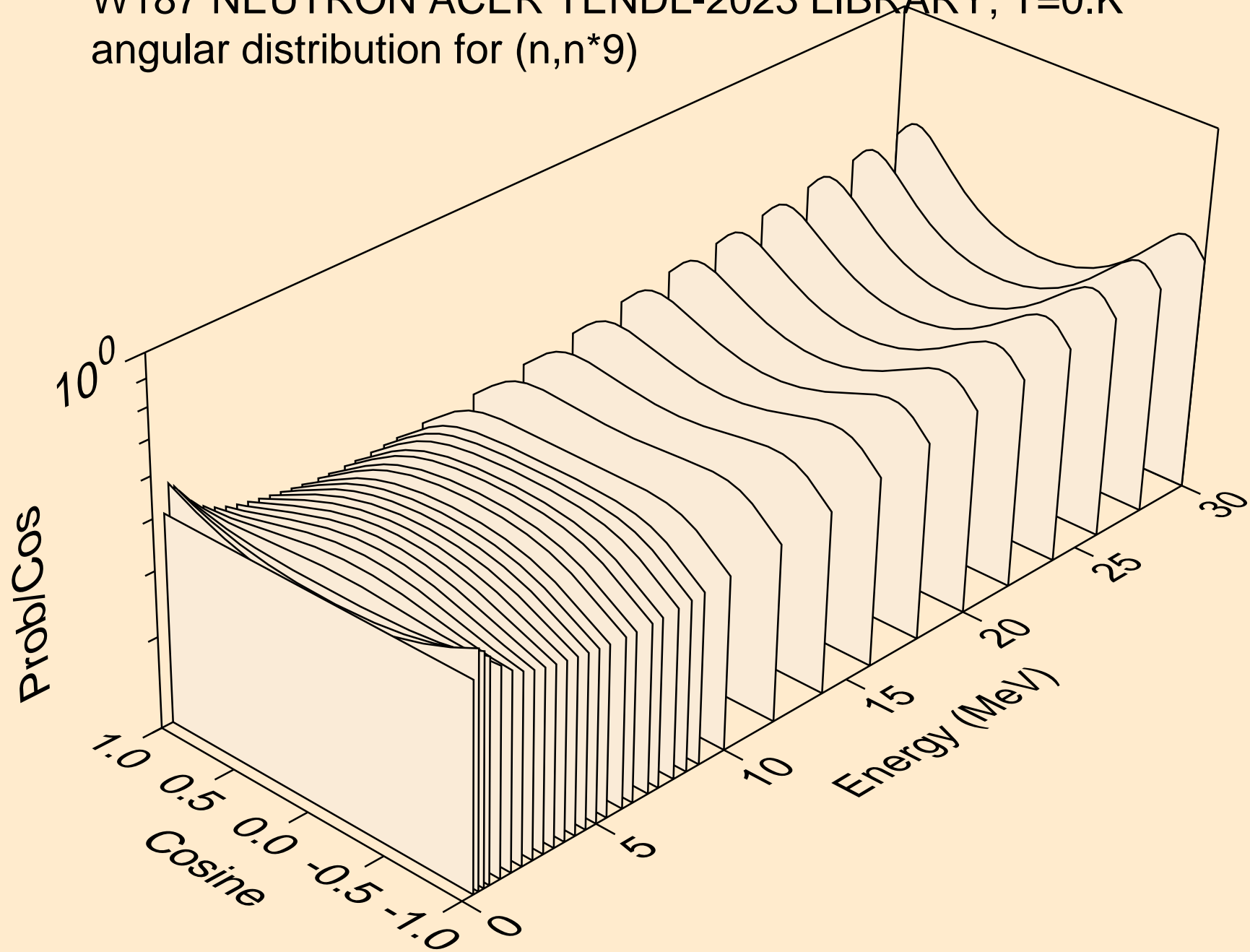
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angular distribution for (n,n\*7)



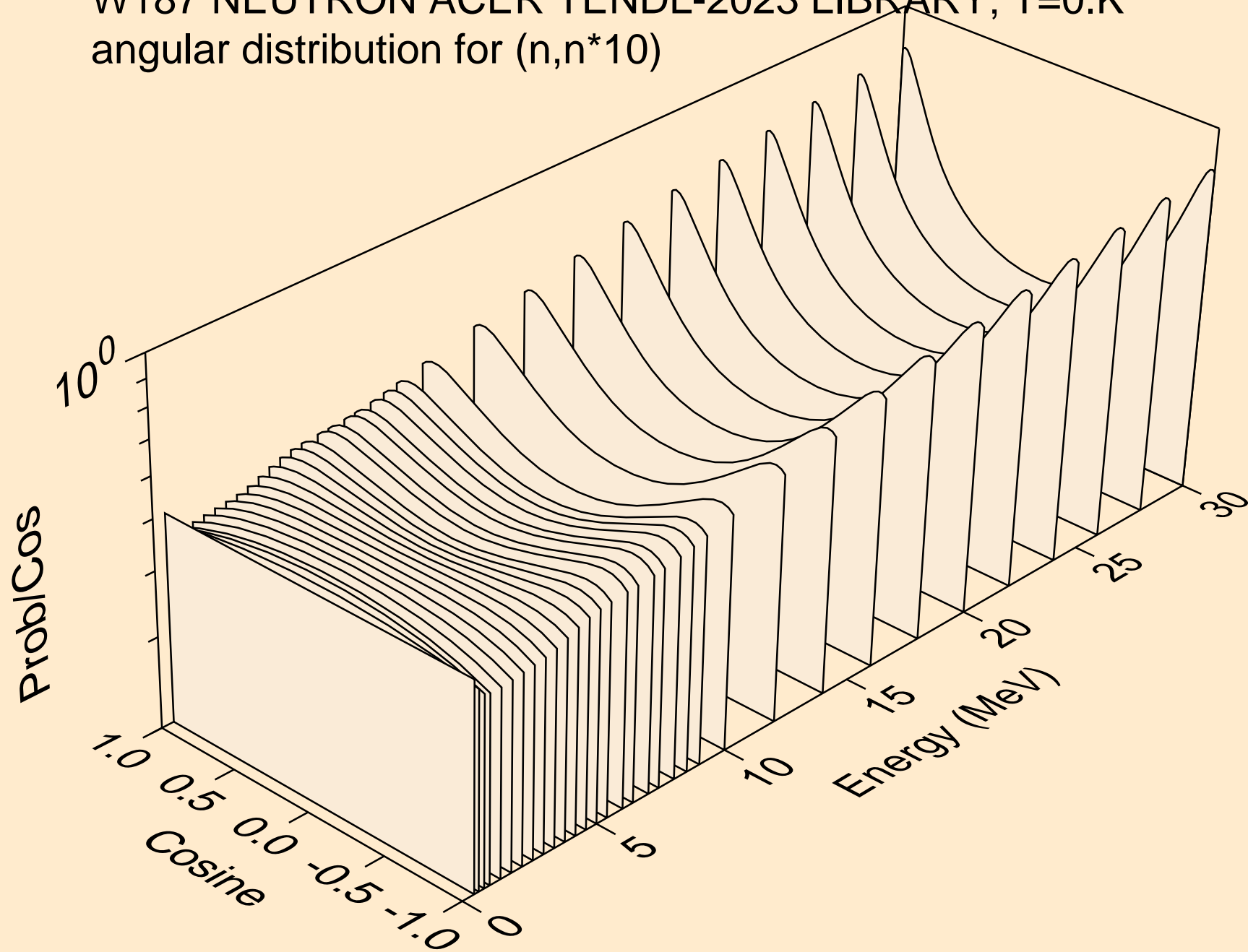
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angular distribution for (n,n\*8)



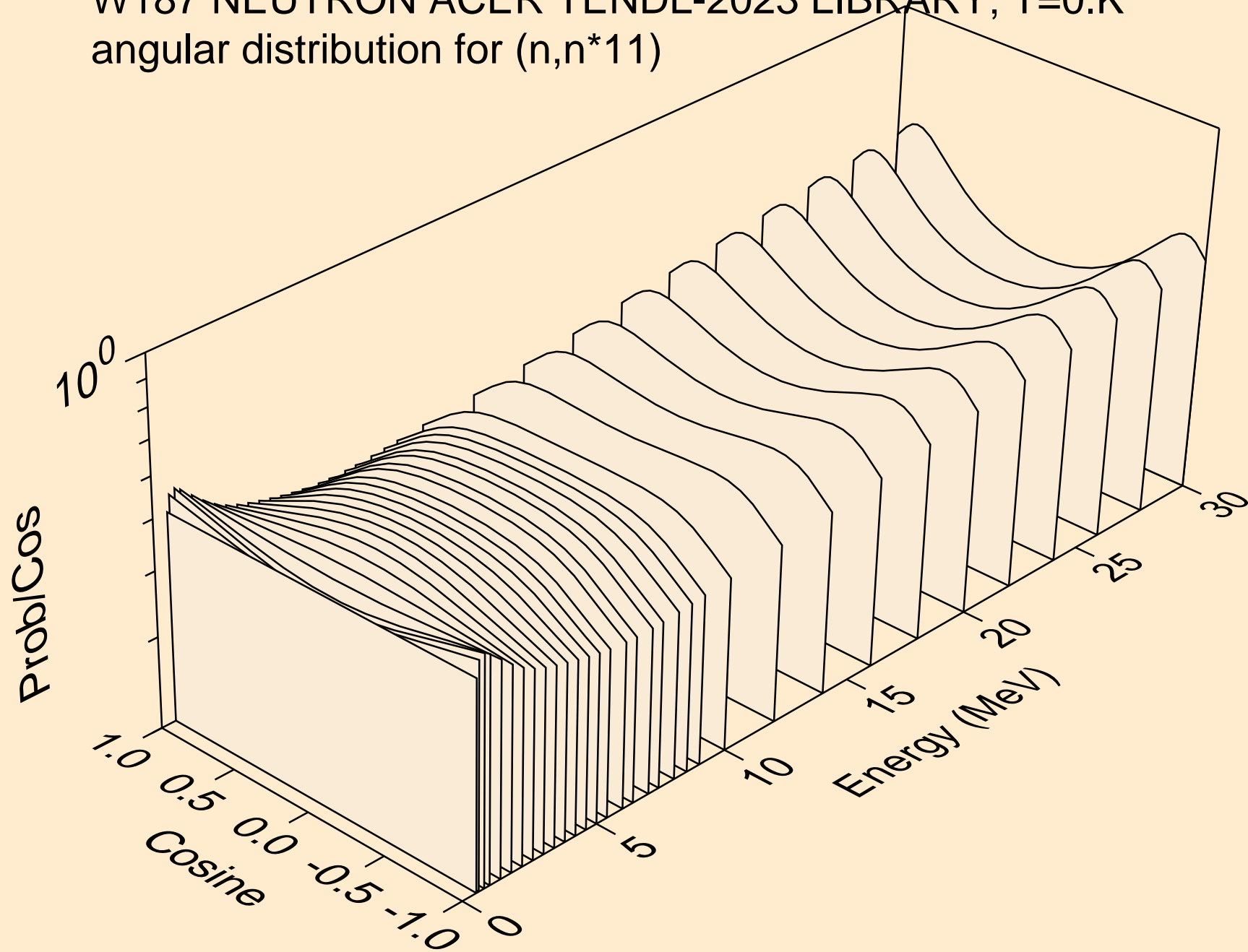
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angular distribution for (n,n\*9)



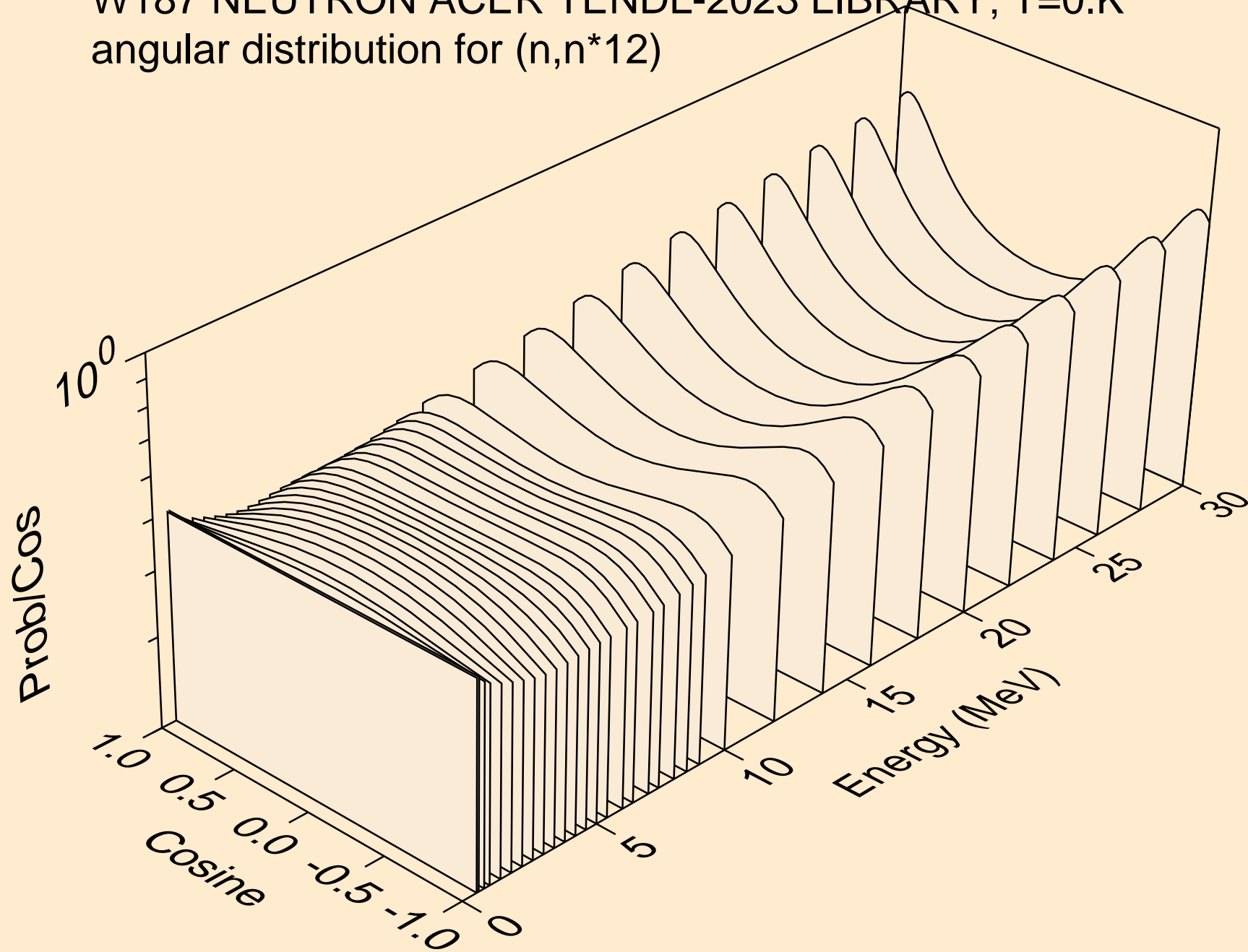
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angular distribution for (n,n\*10)



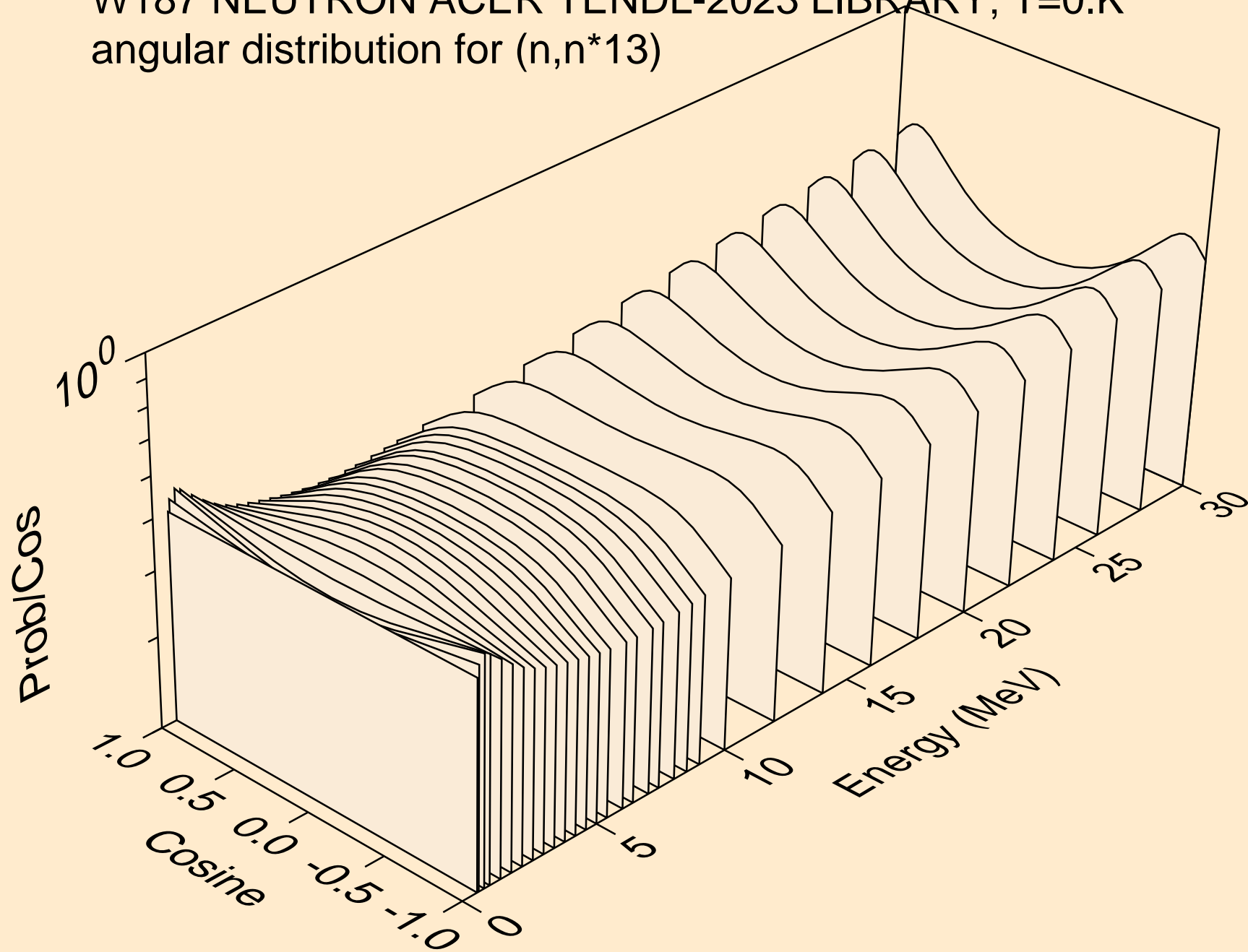
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

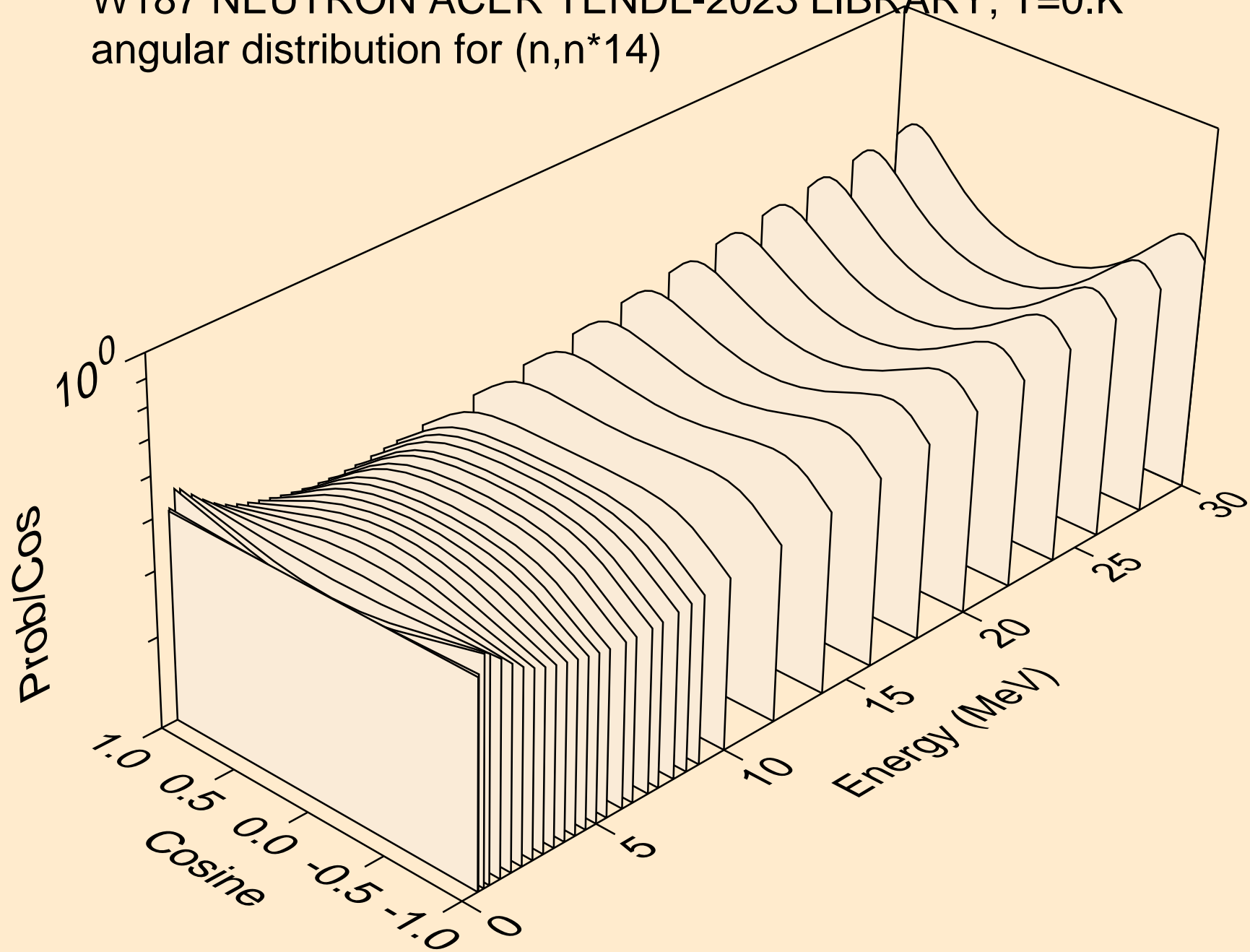


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

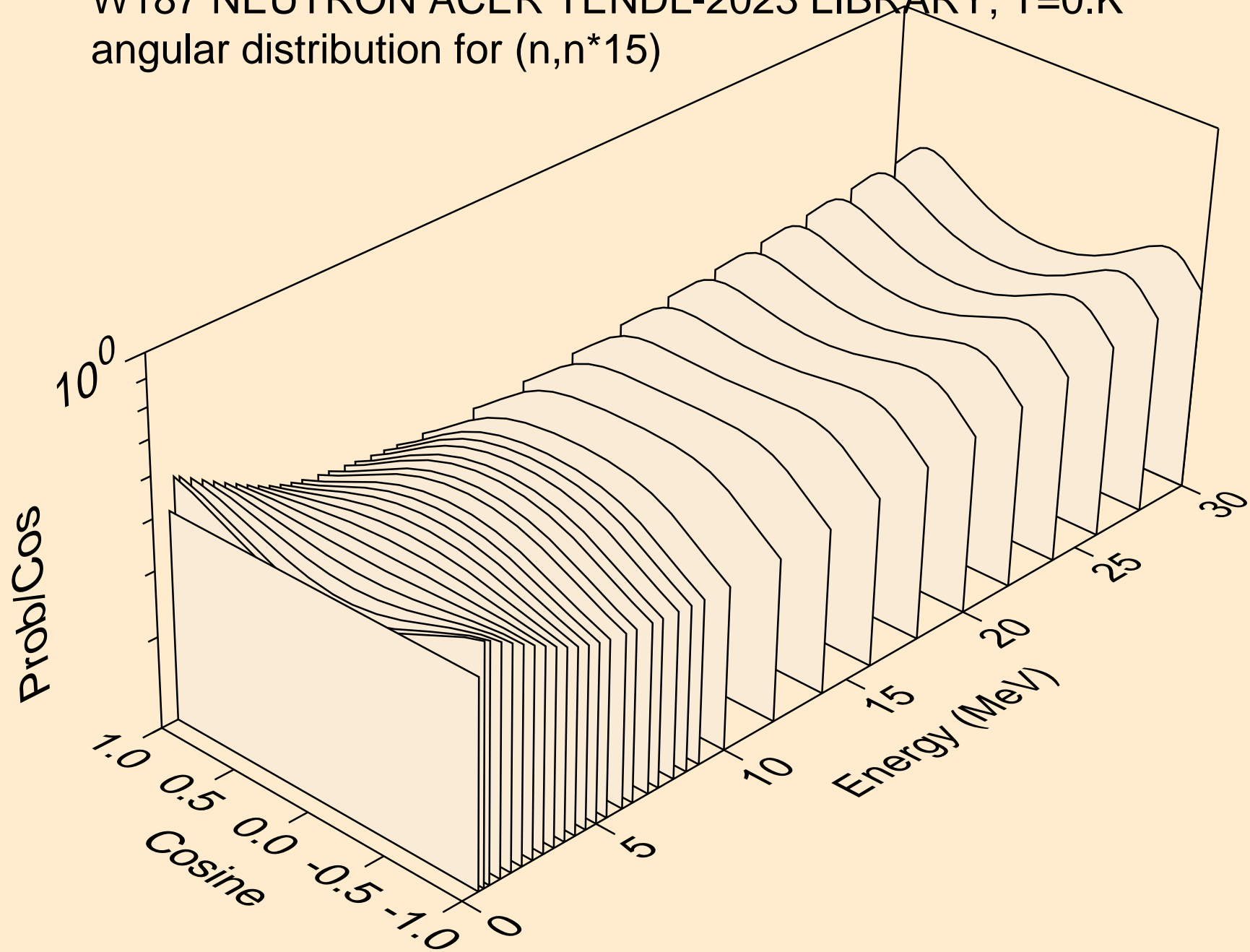




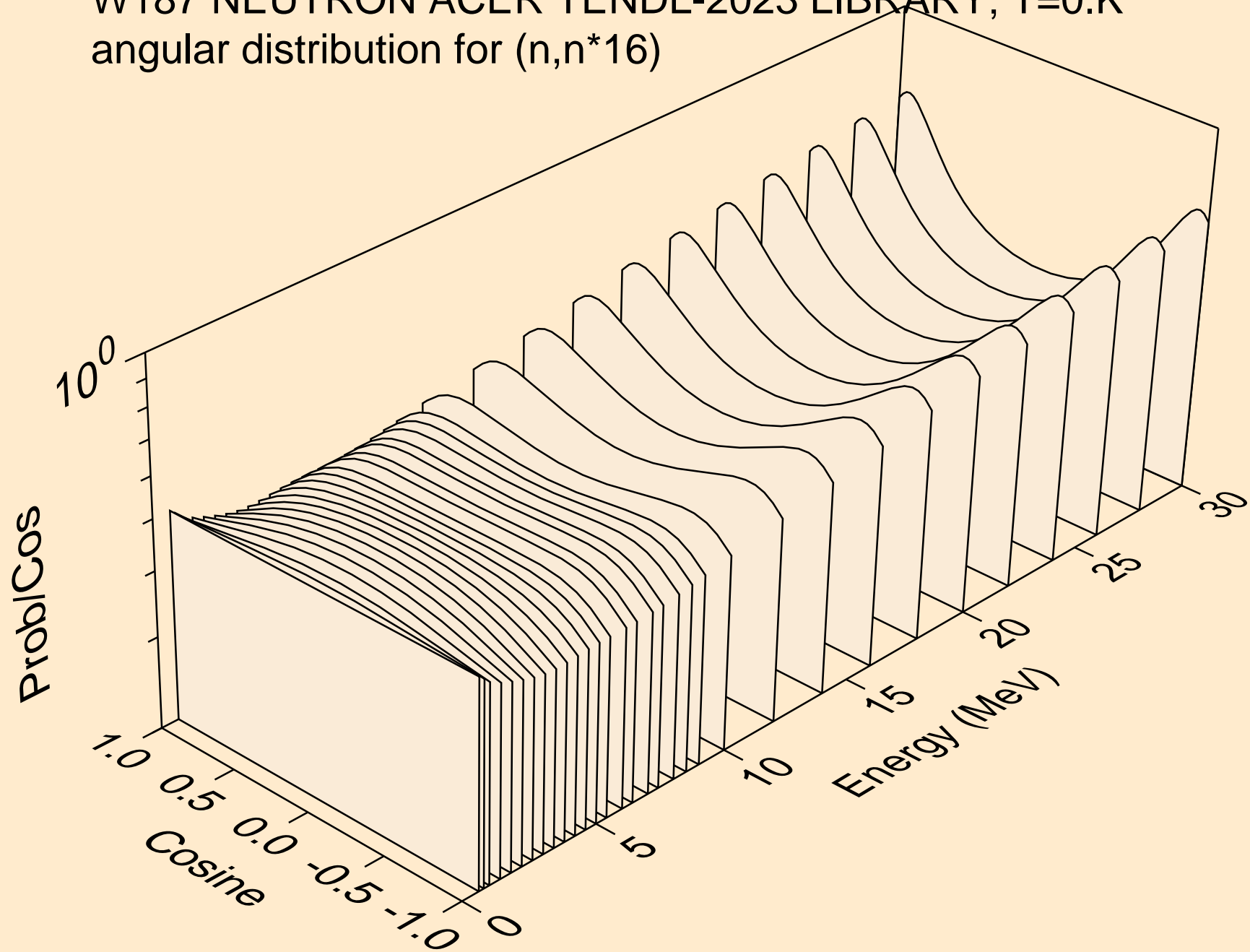
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angular distribution for (n,n\*14)



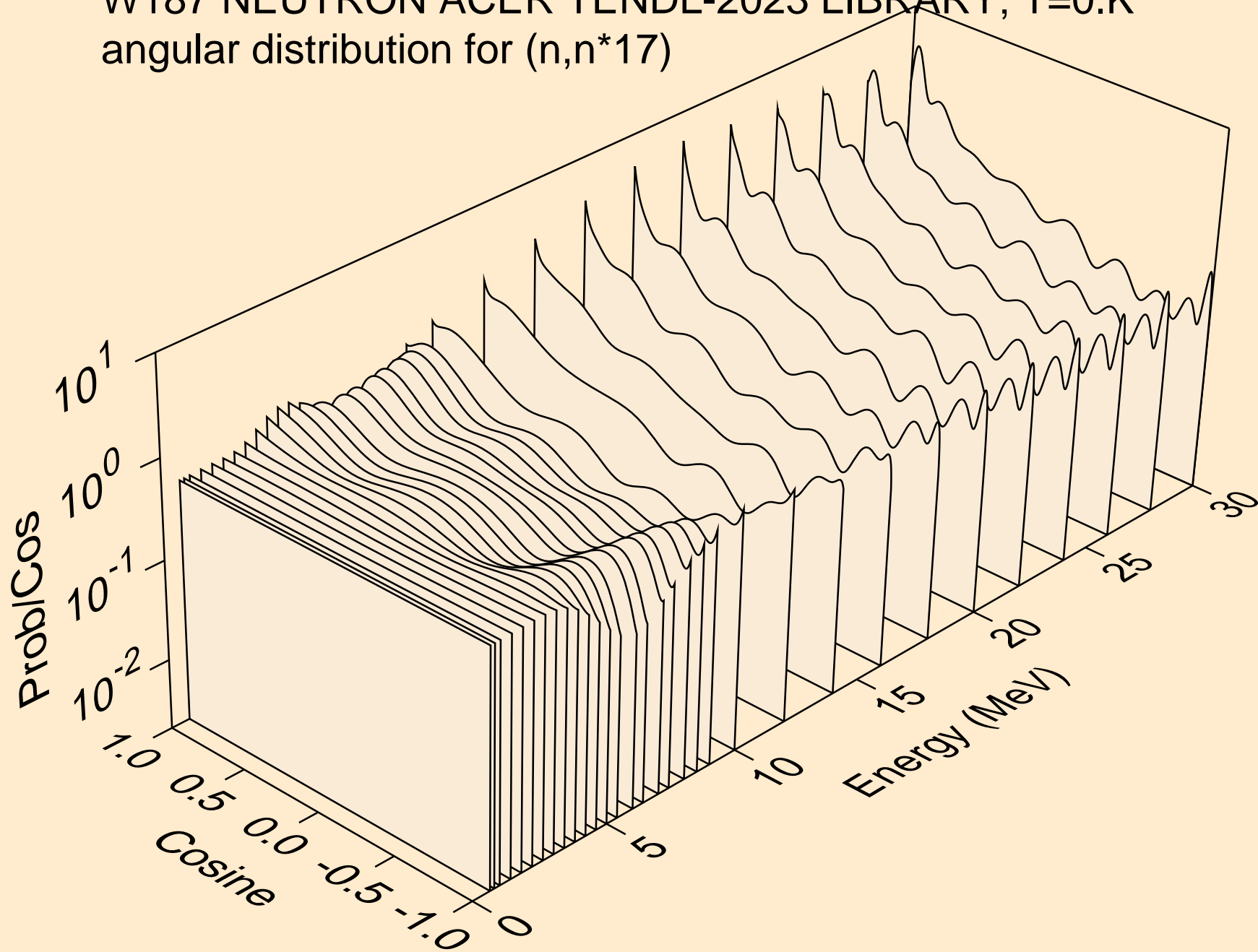
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angular distribution for (n,n\*15)



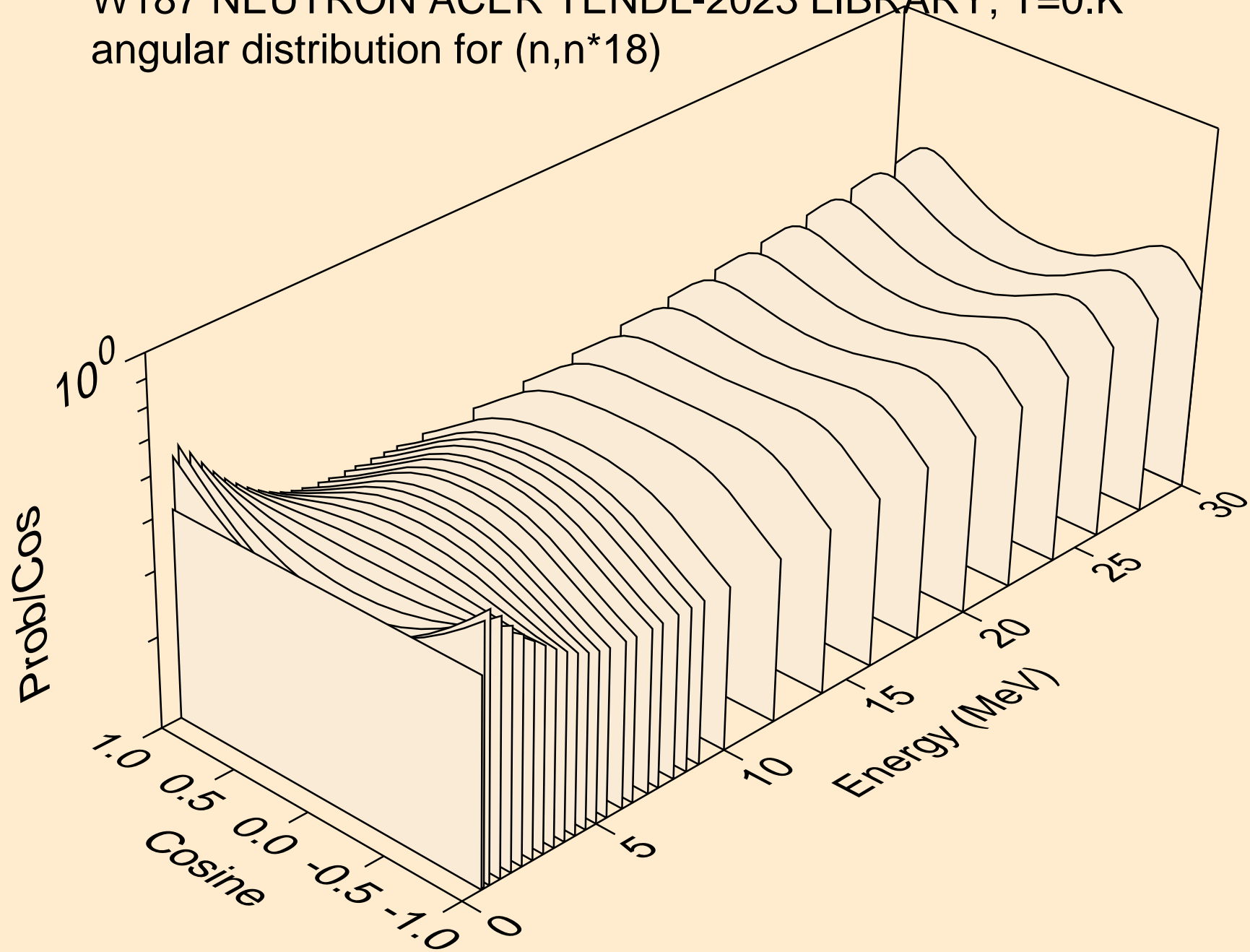
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angular distribution for (n,n\*16)



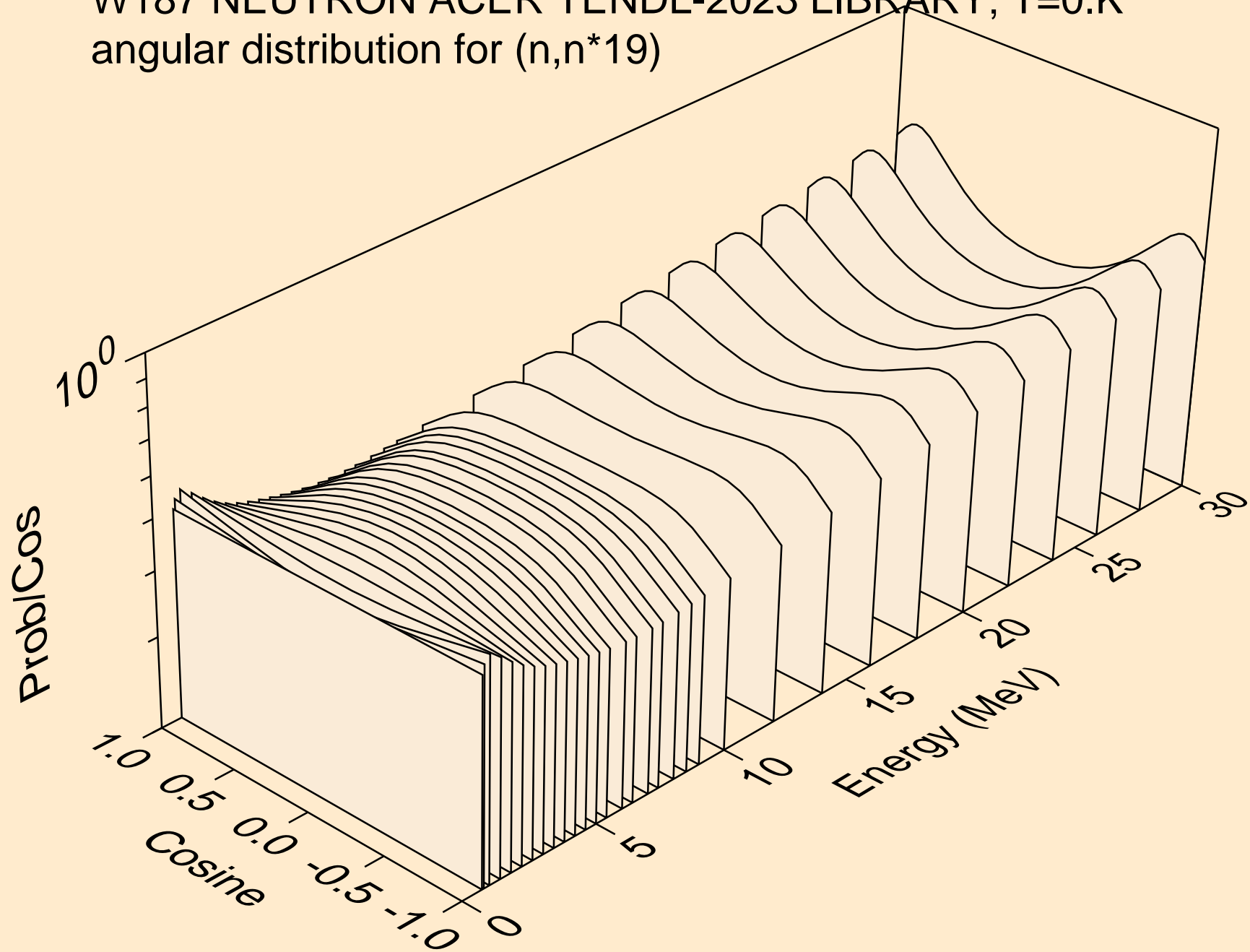
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angular distribution for (n,n\*17)



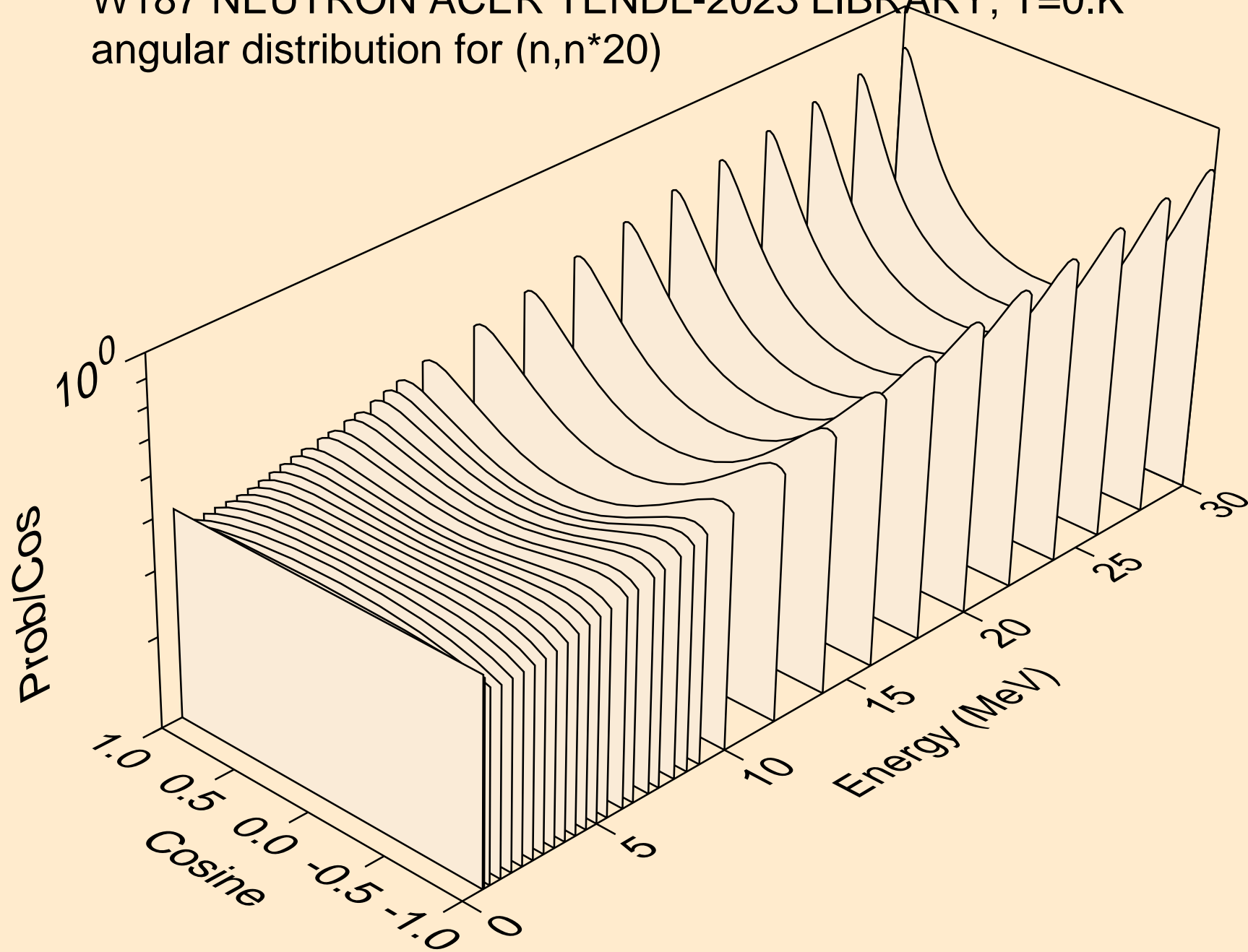
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angular distribution for (n,n\*18)



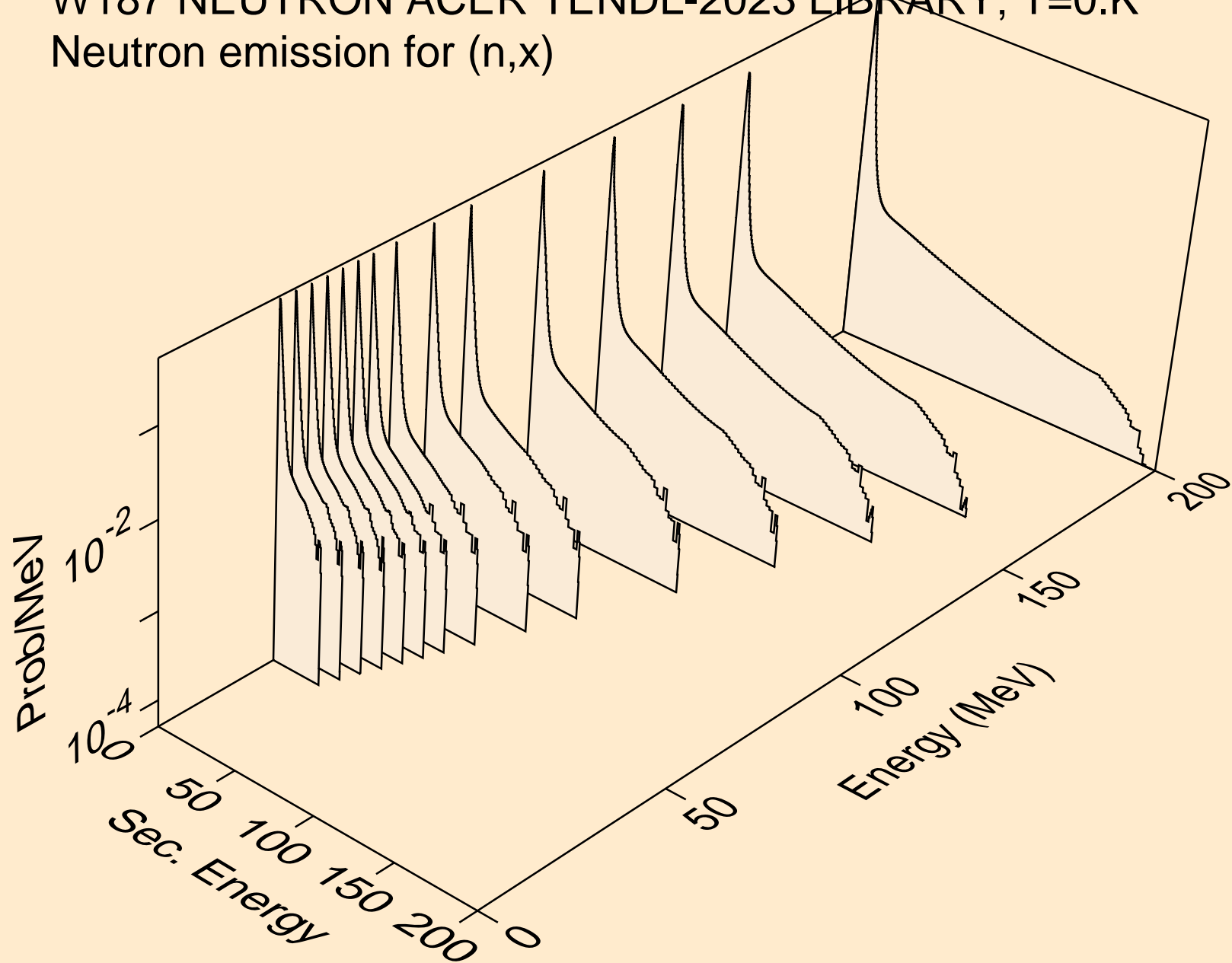
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

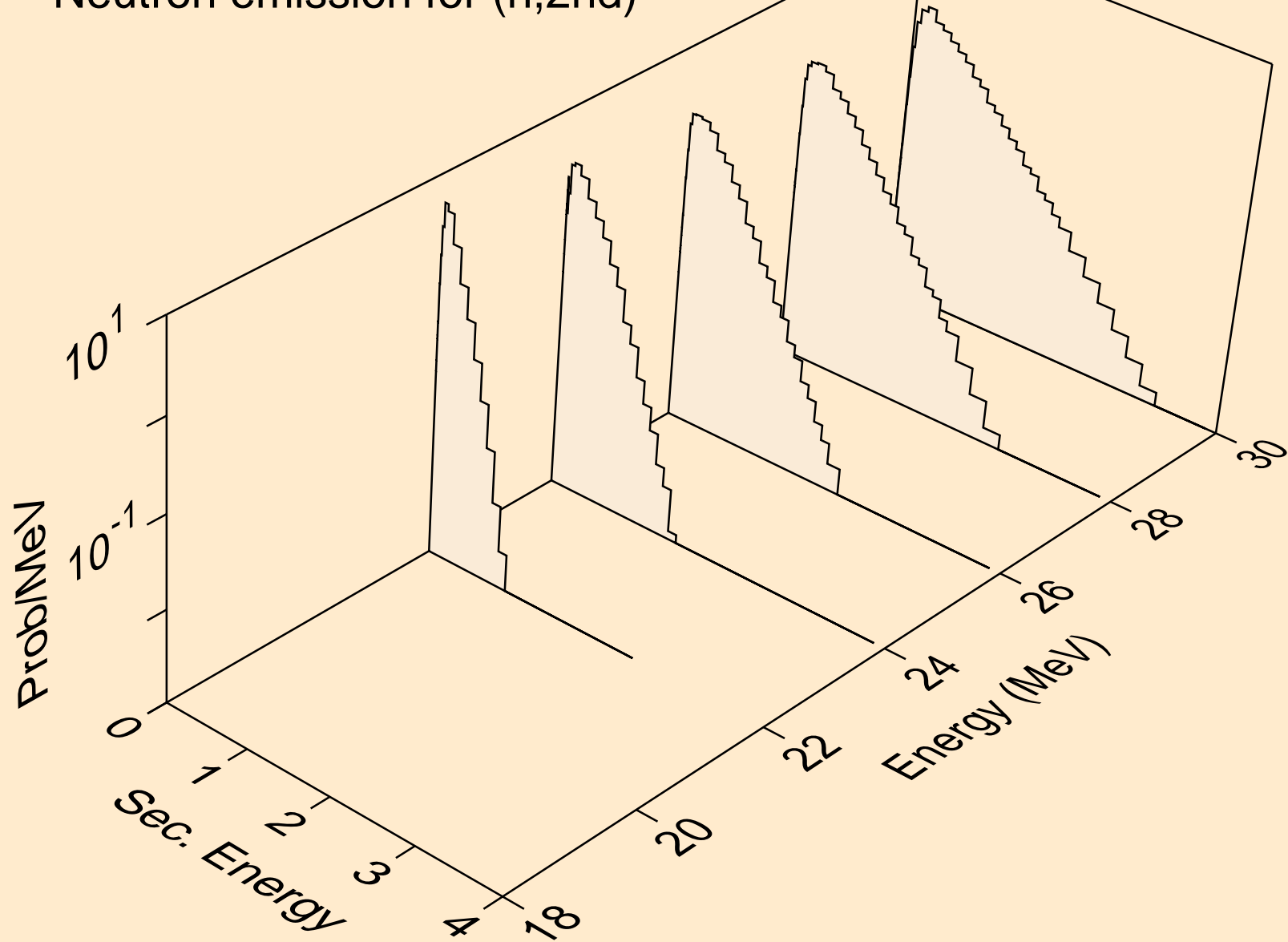


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

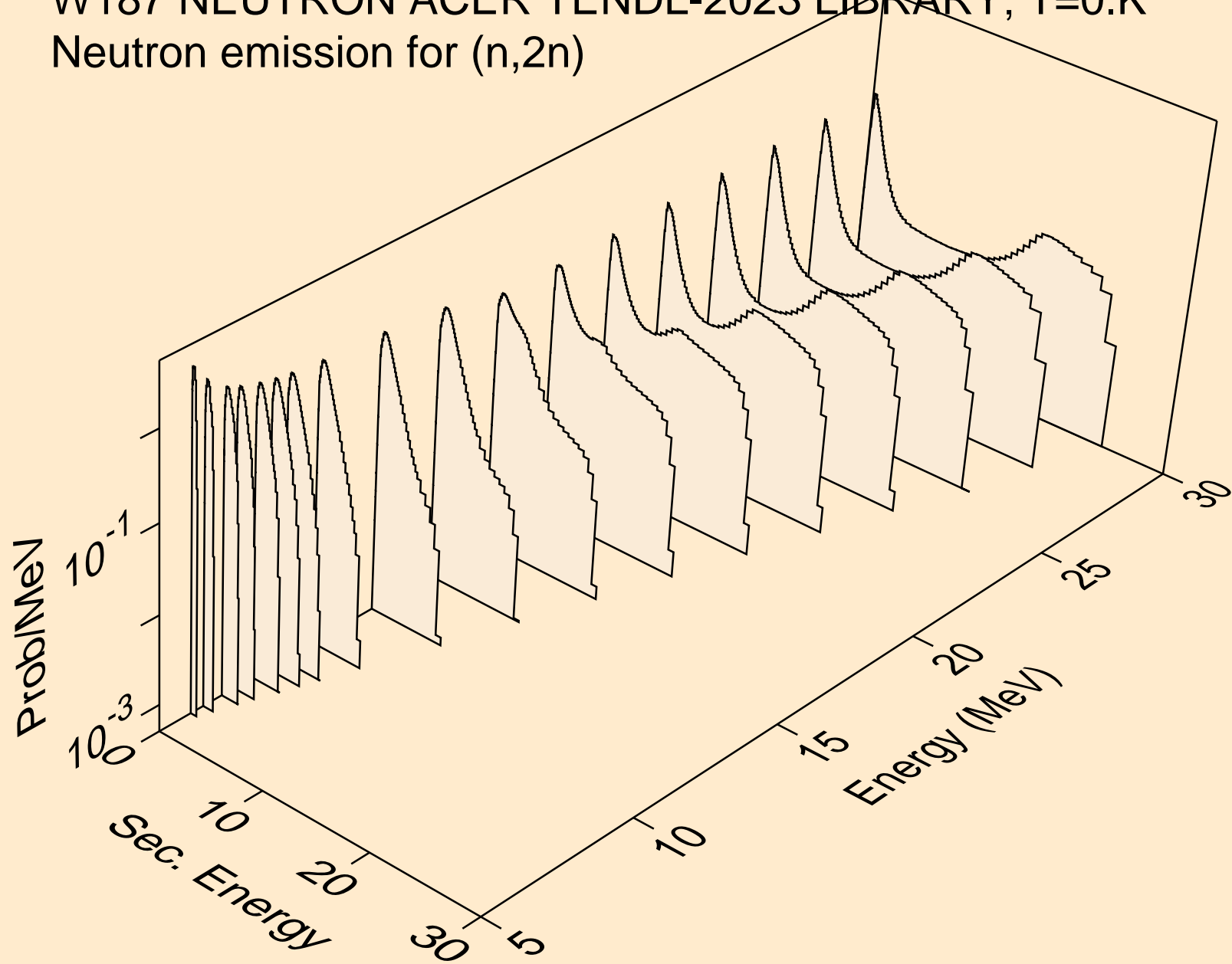




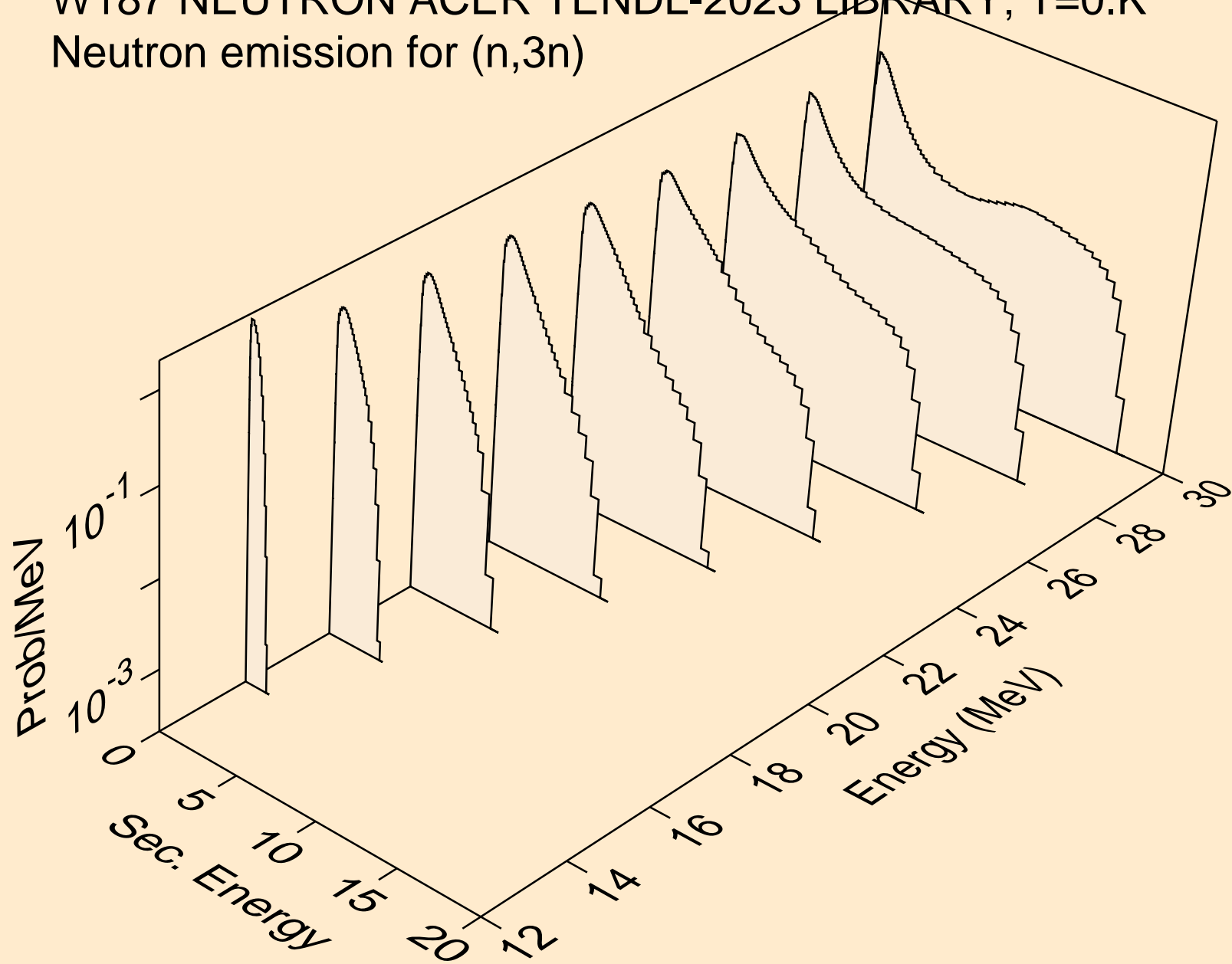
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



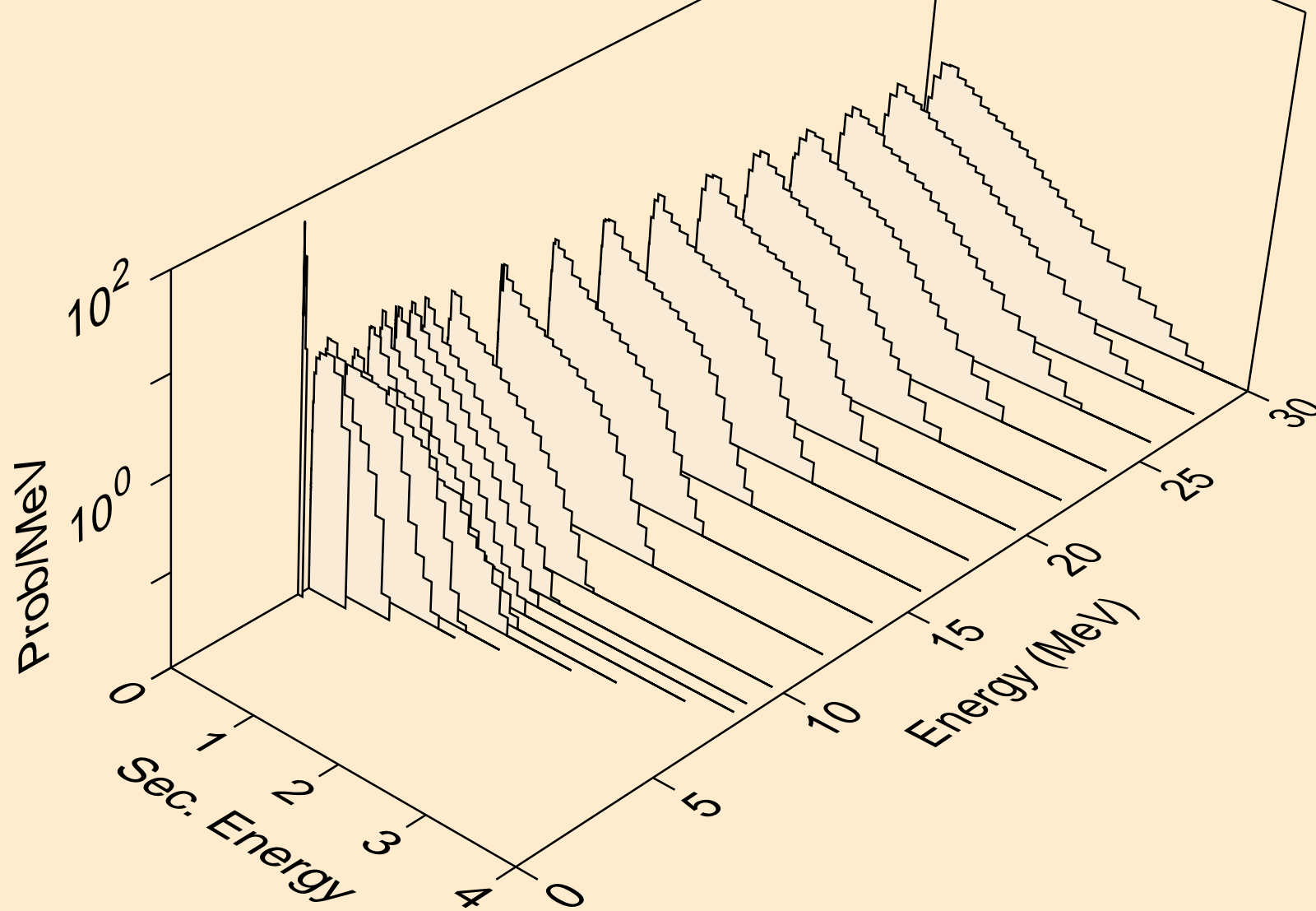
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Neutron emission for (n,2n)



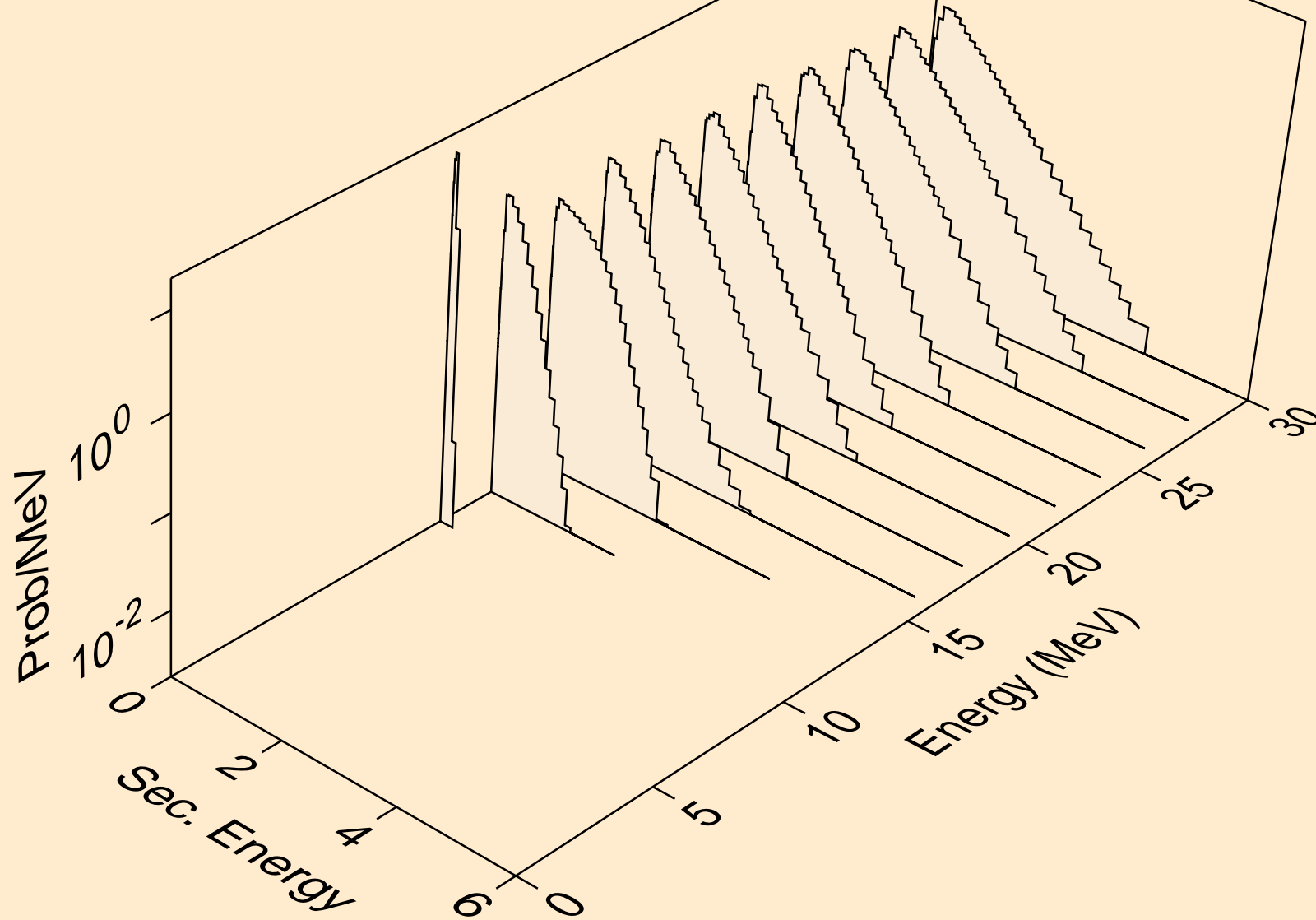
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



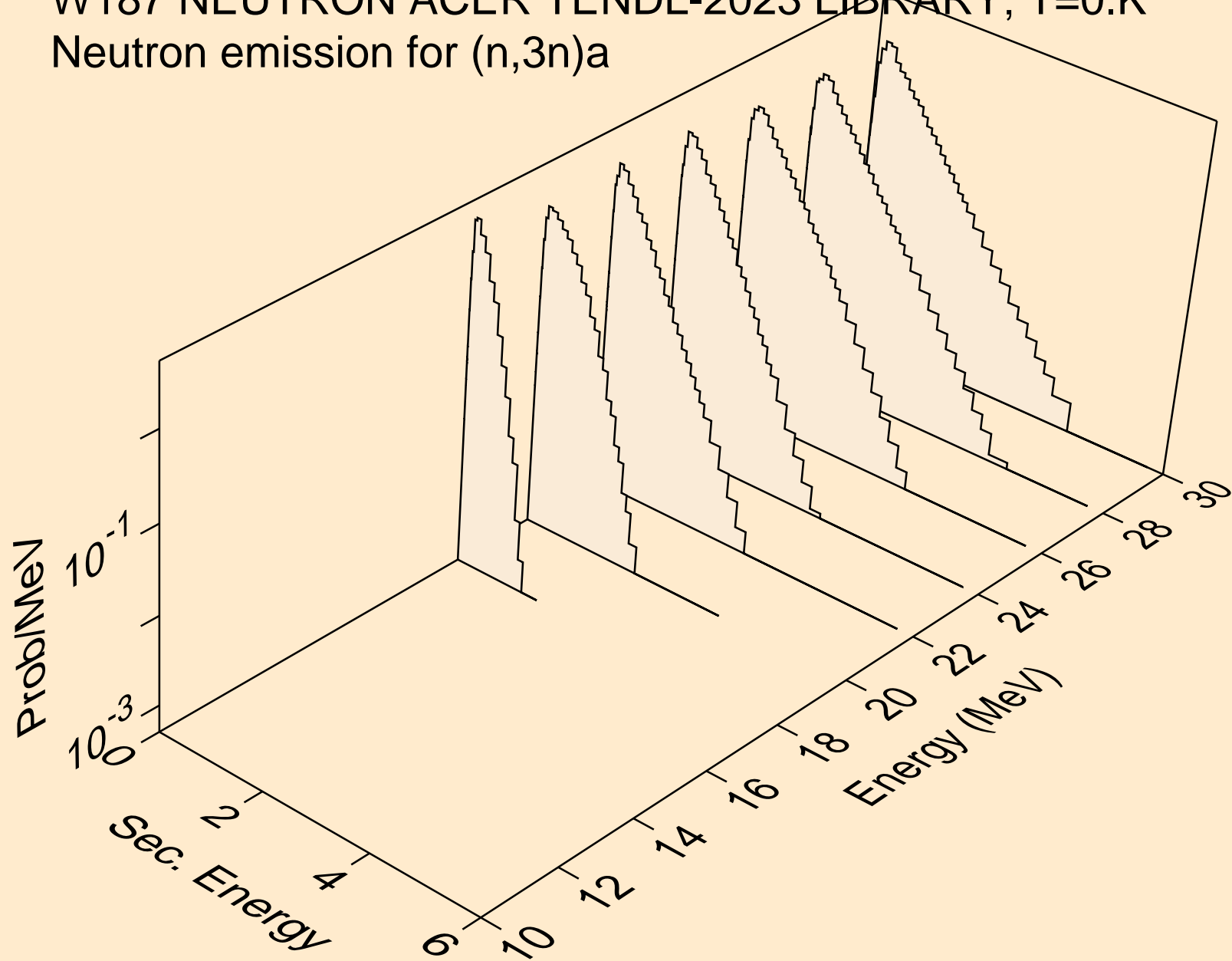
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



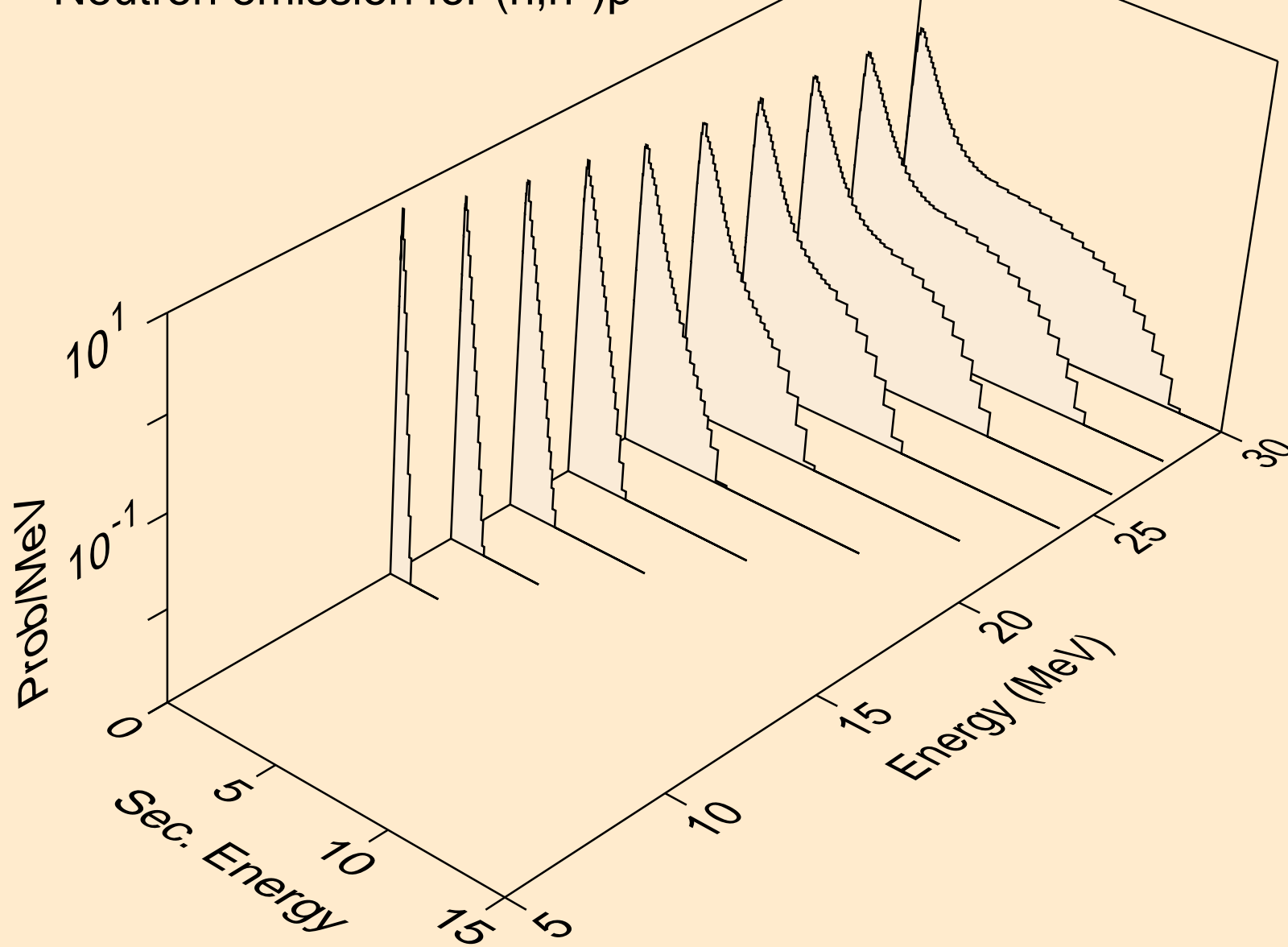
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



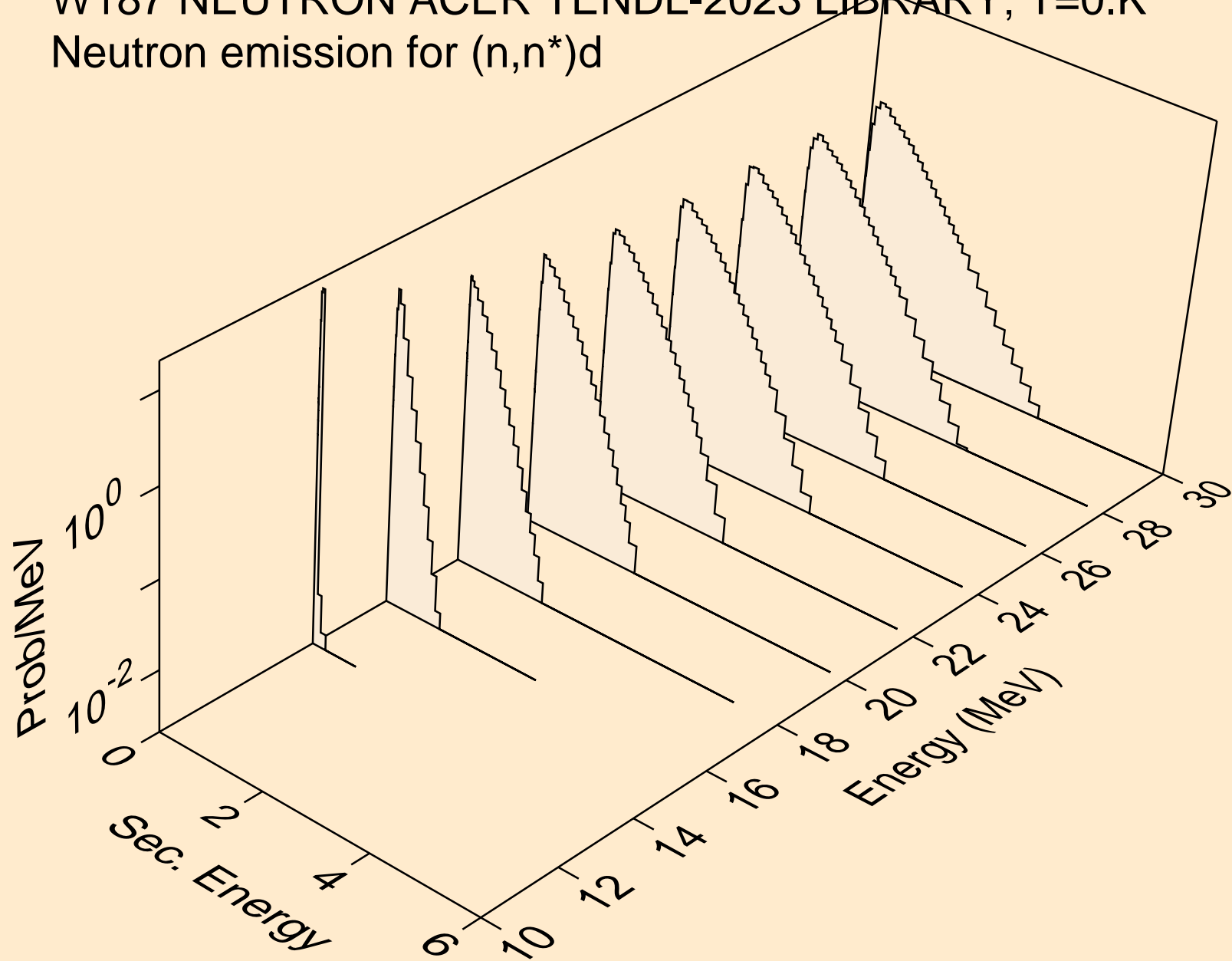
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

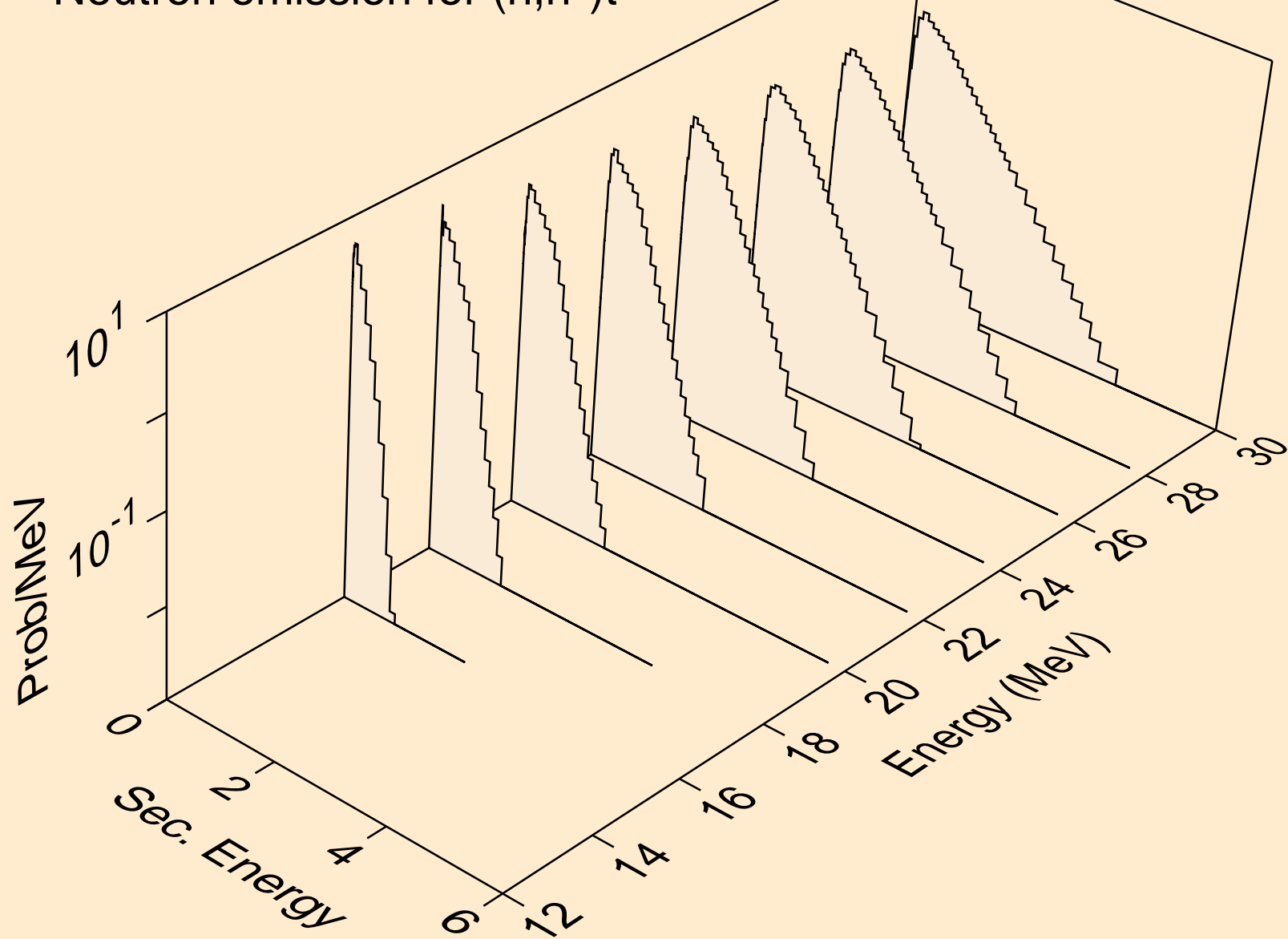


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

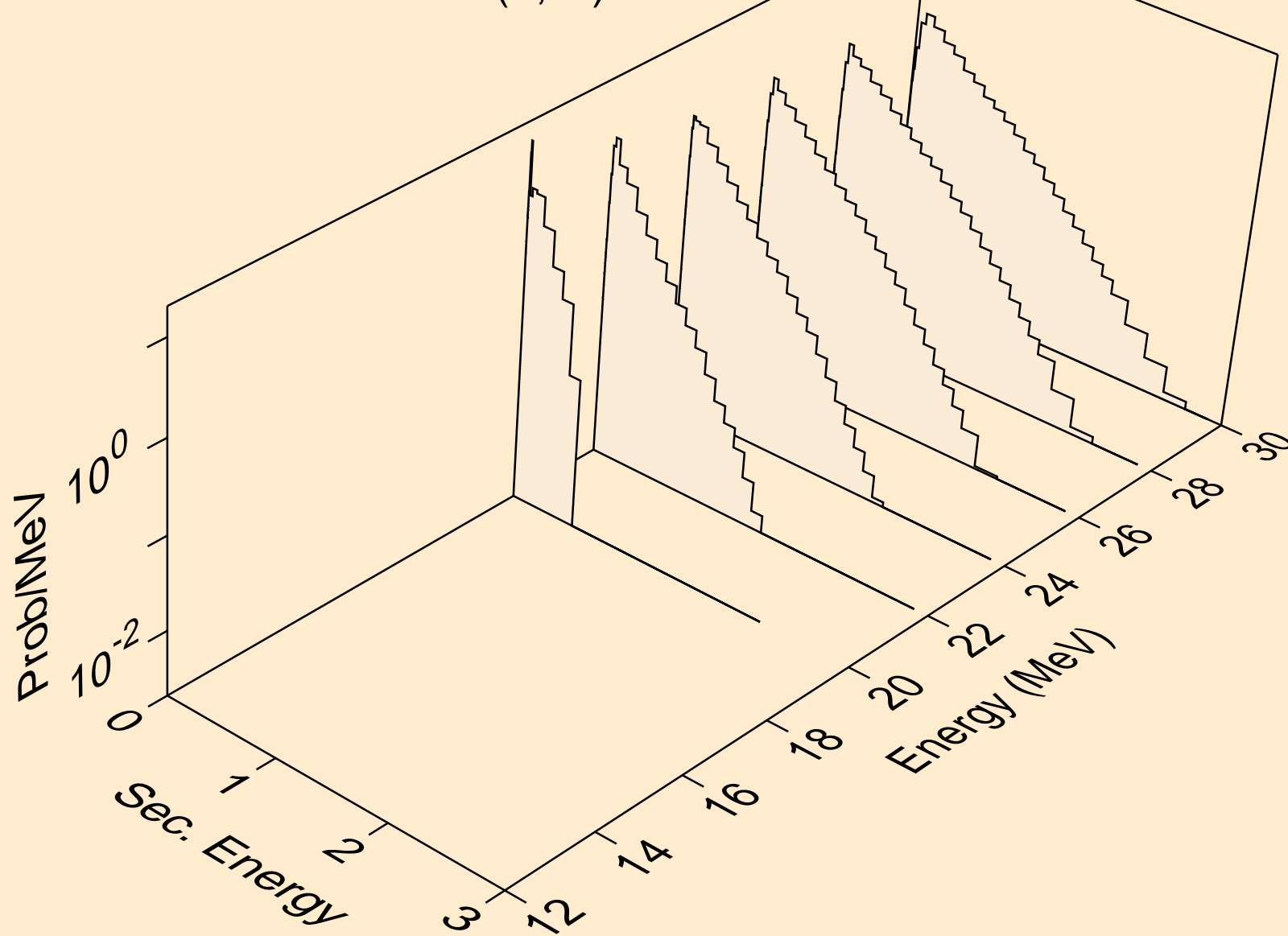




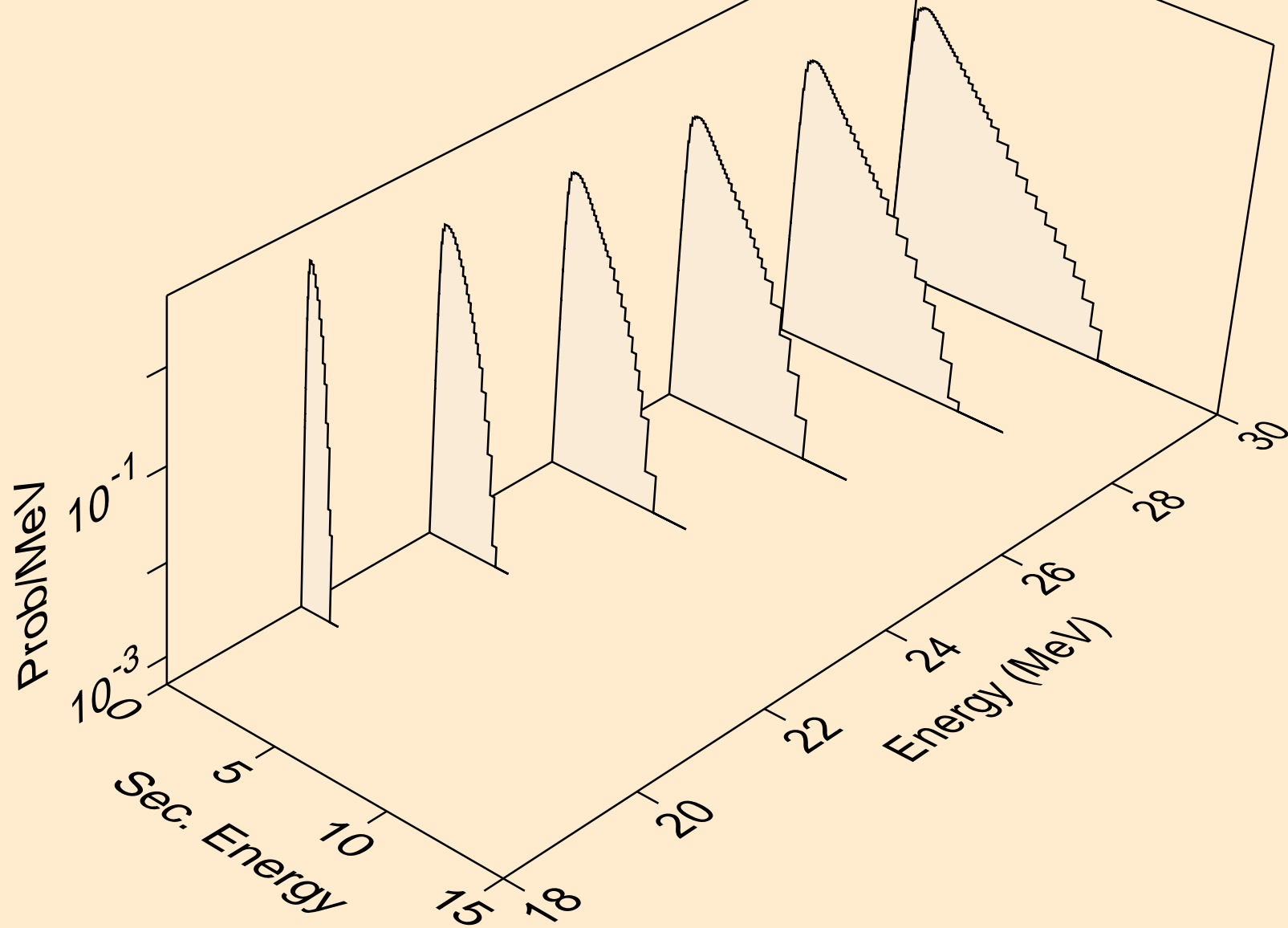
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Neutron emission for (n,n\*)t



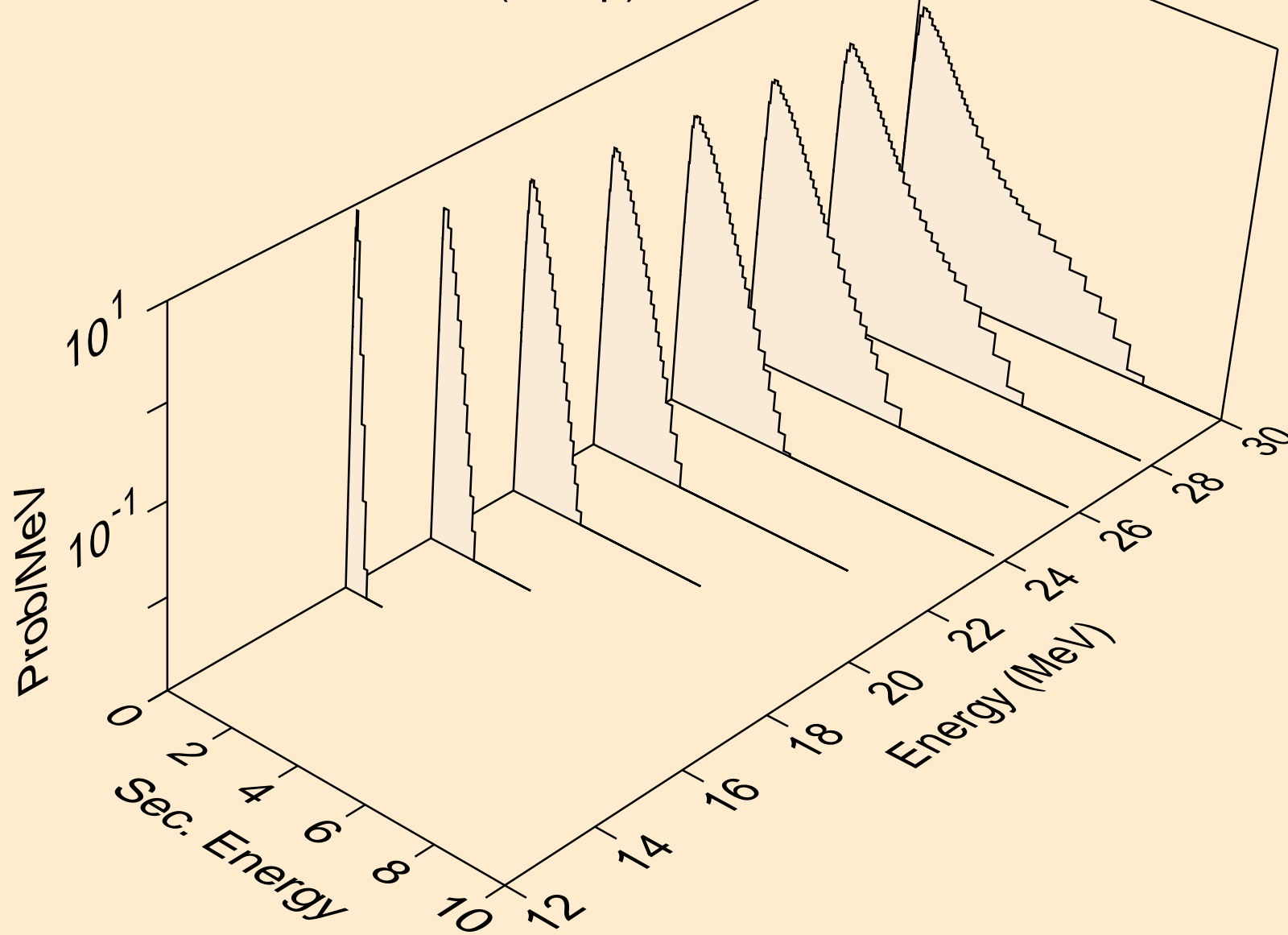
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



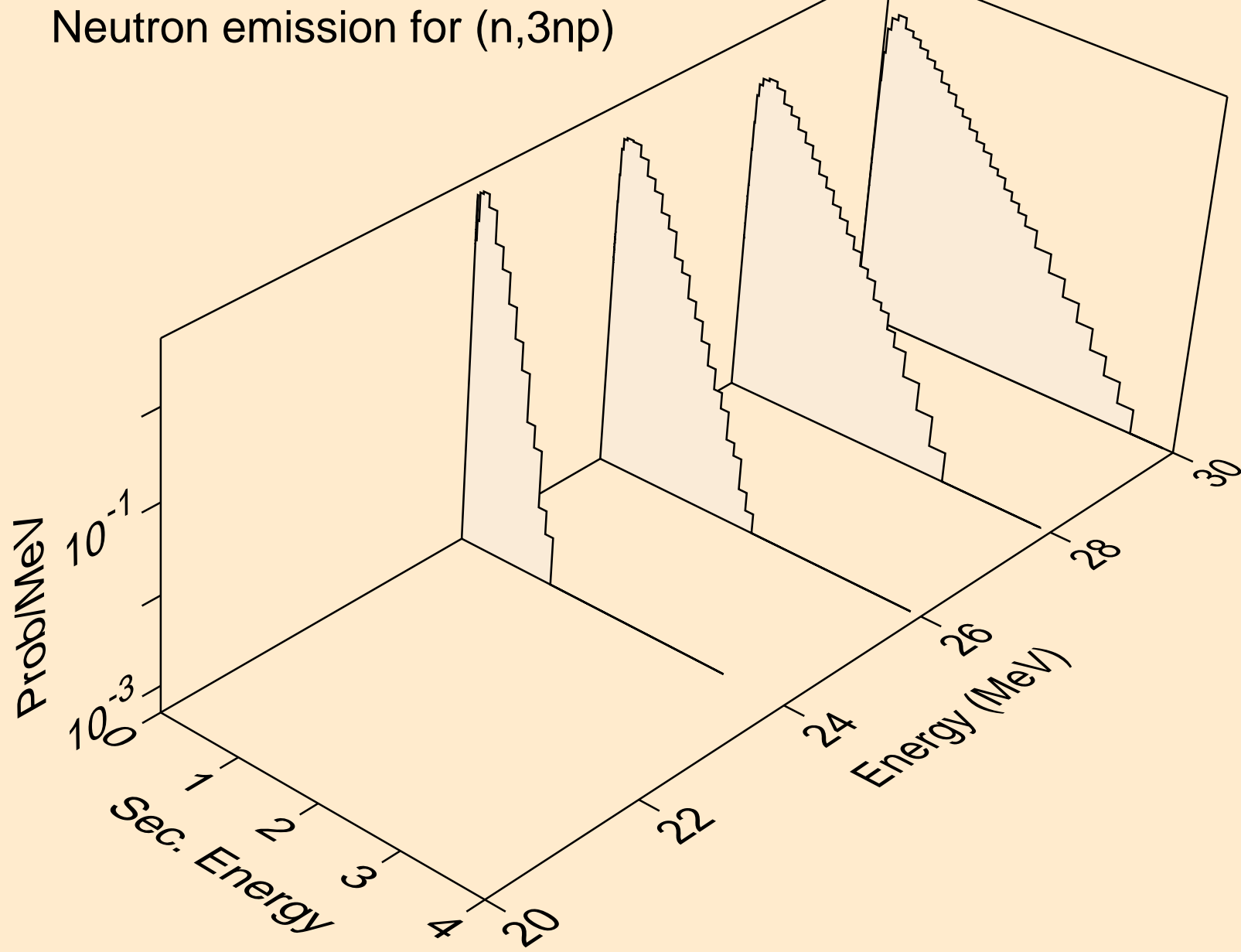
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



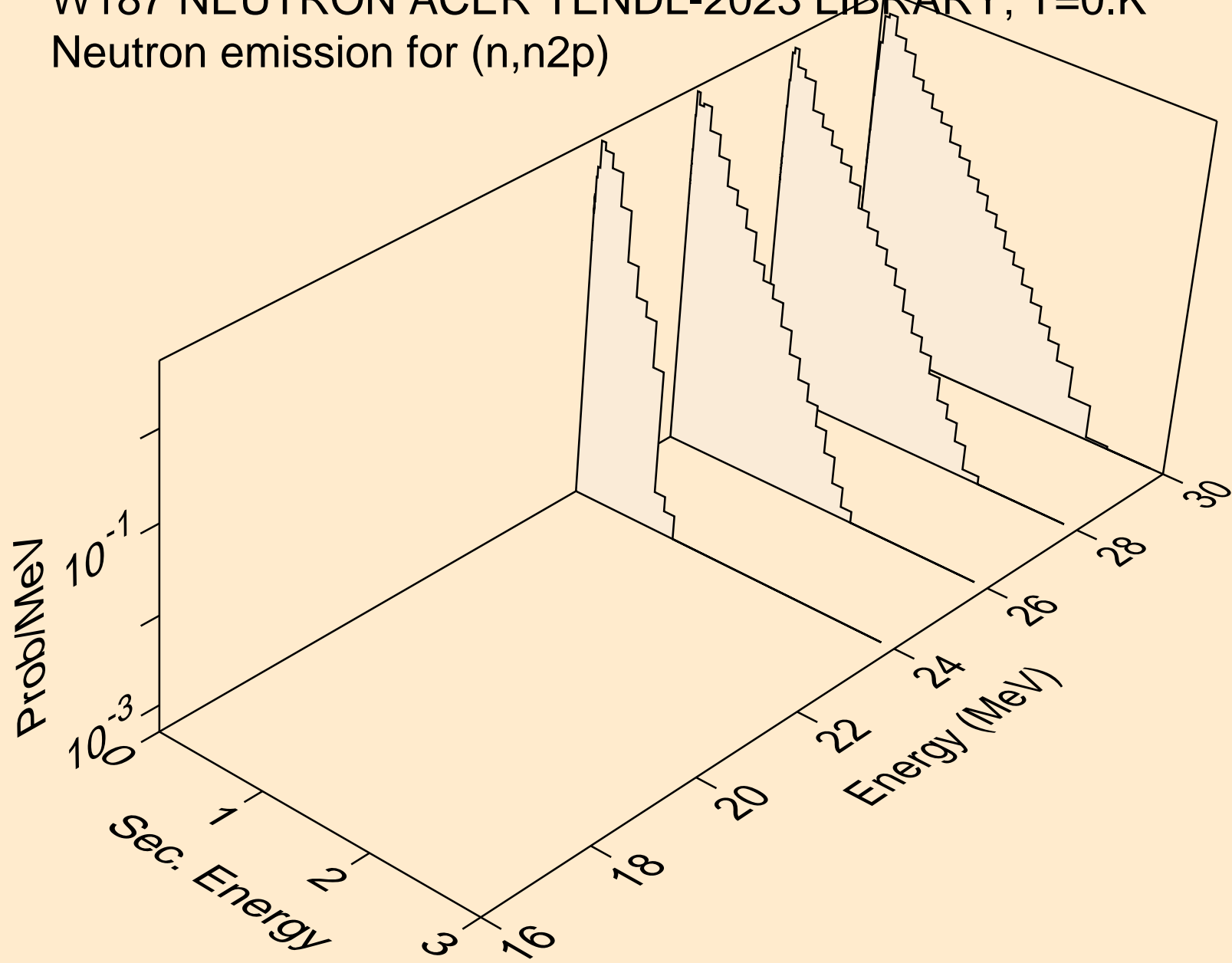
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



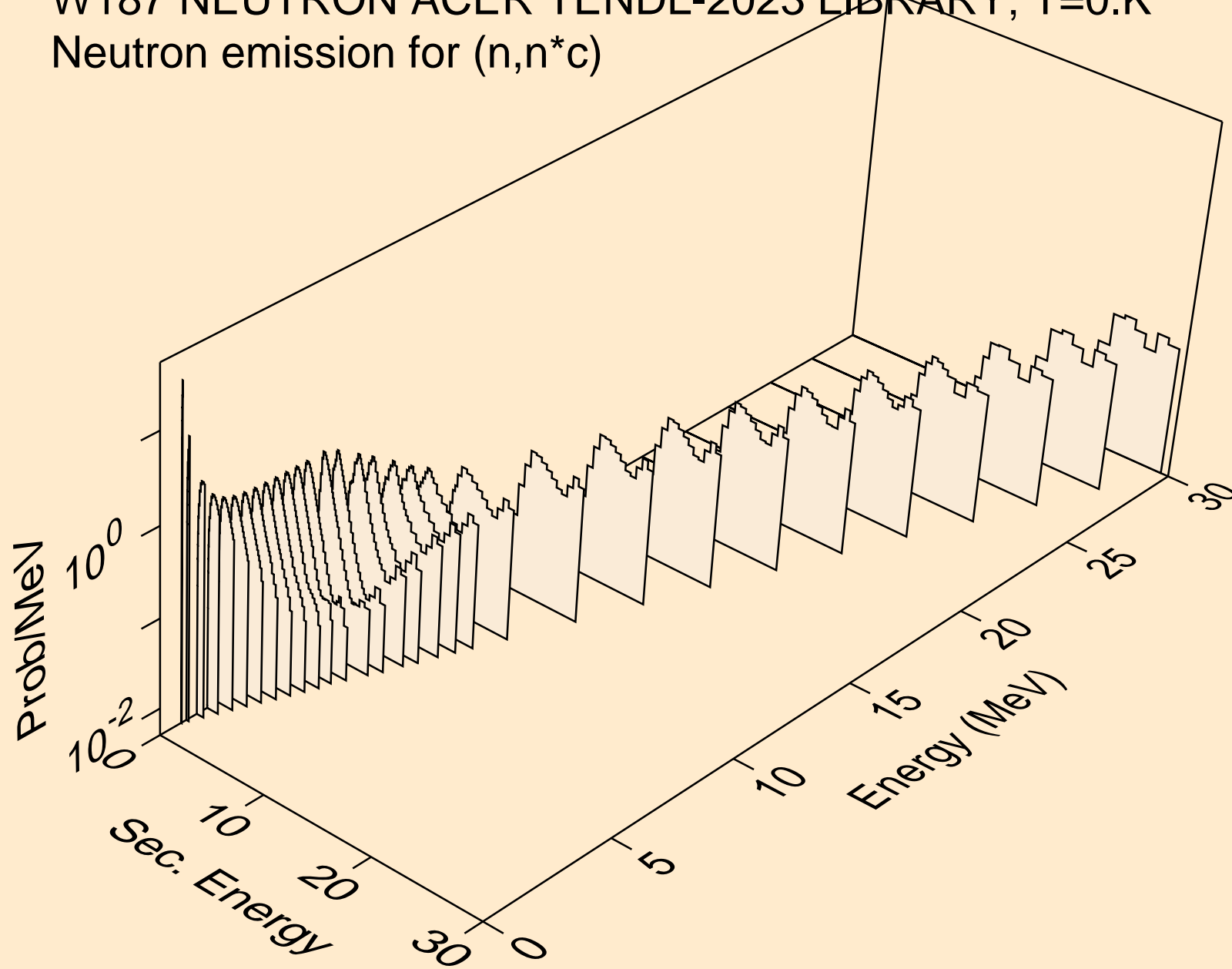
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



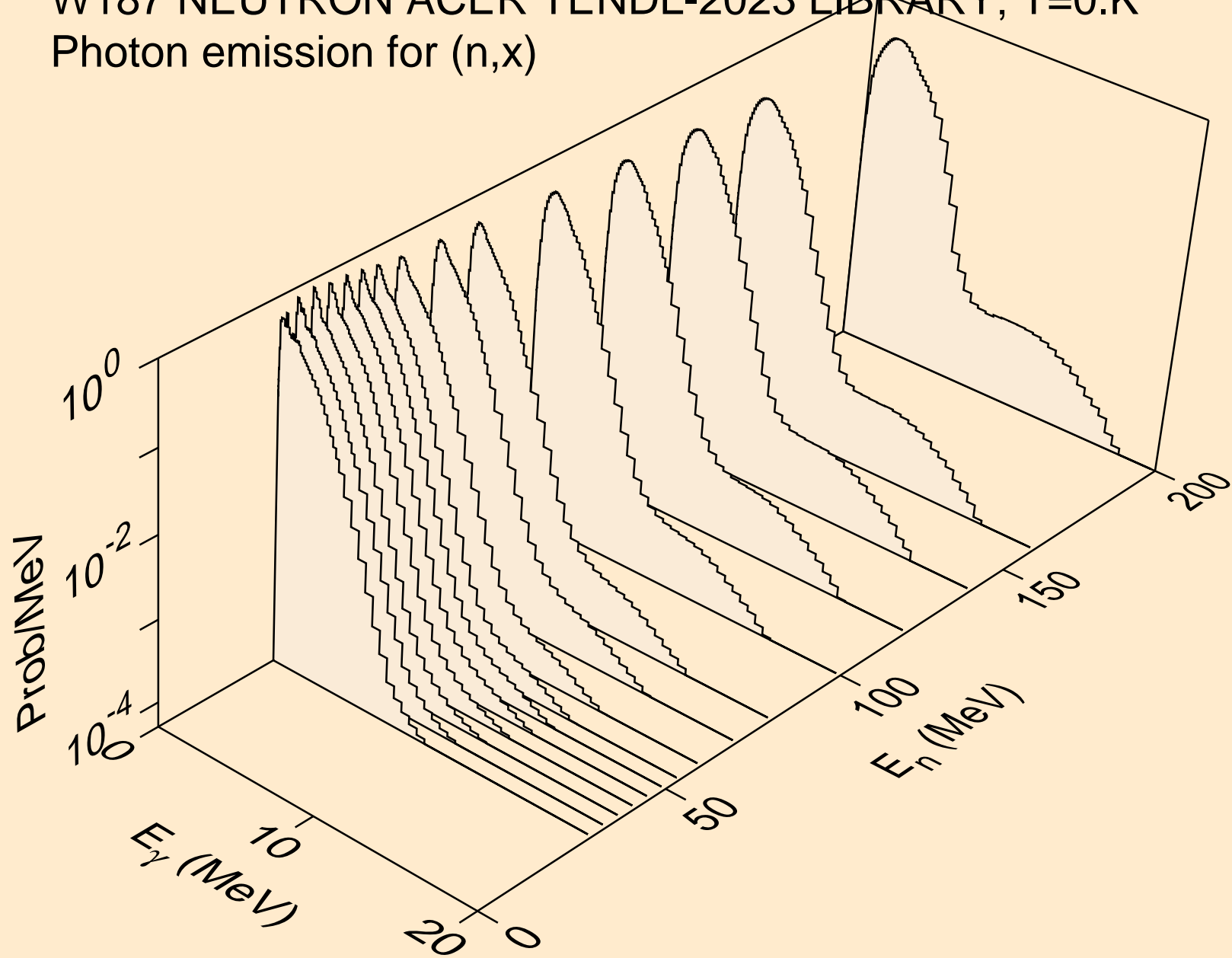
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

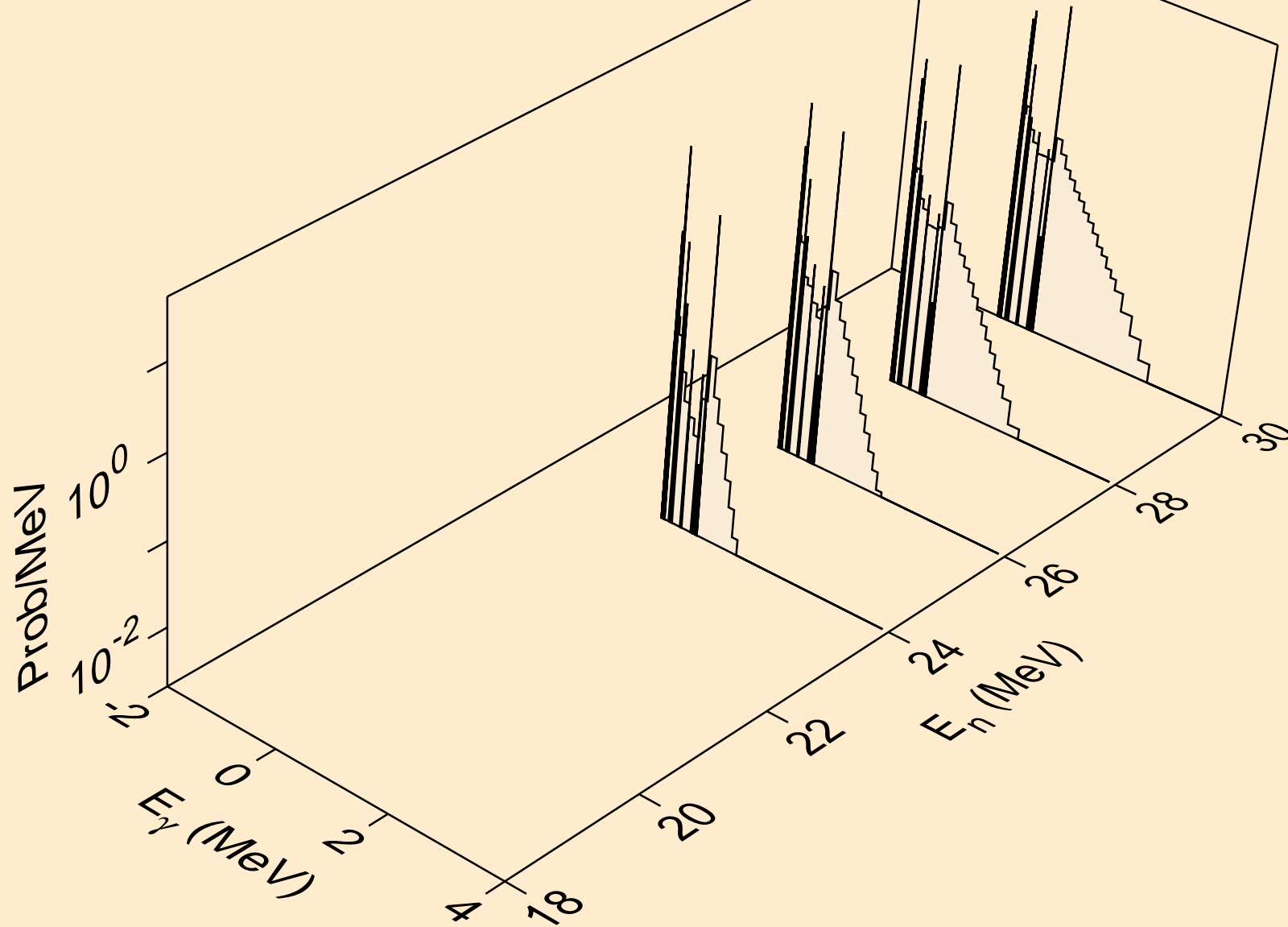


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

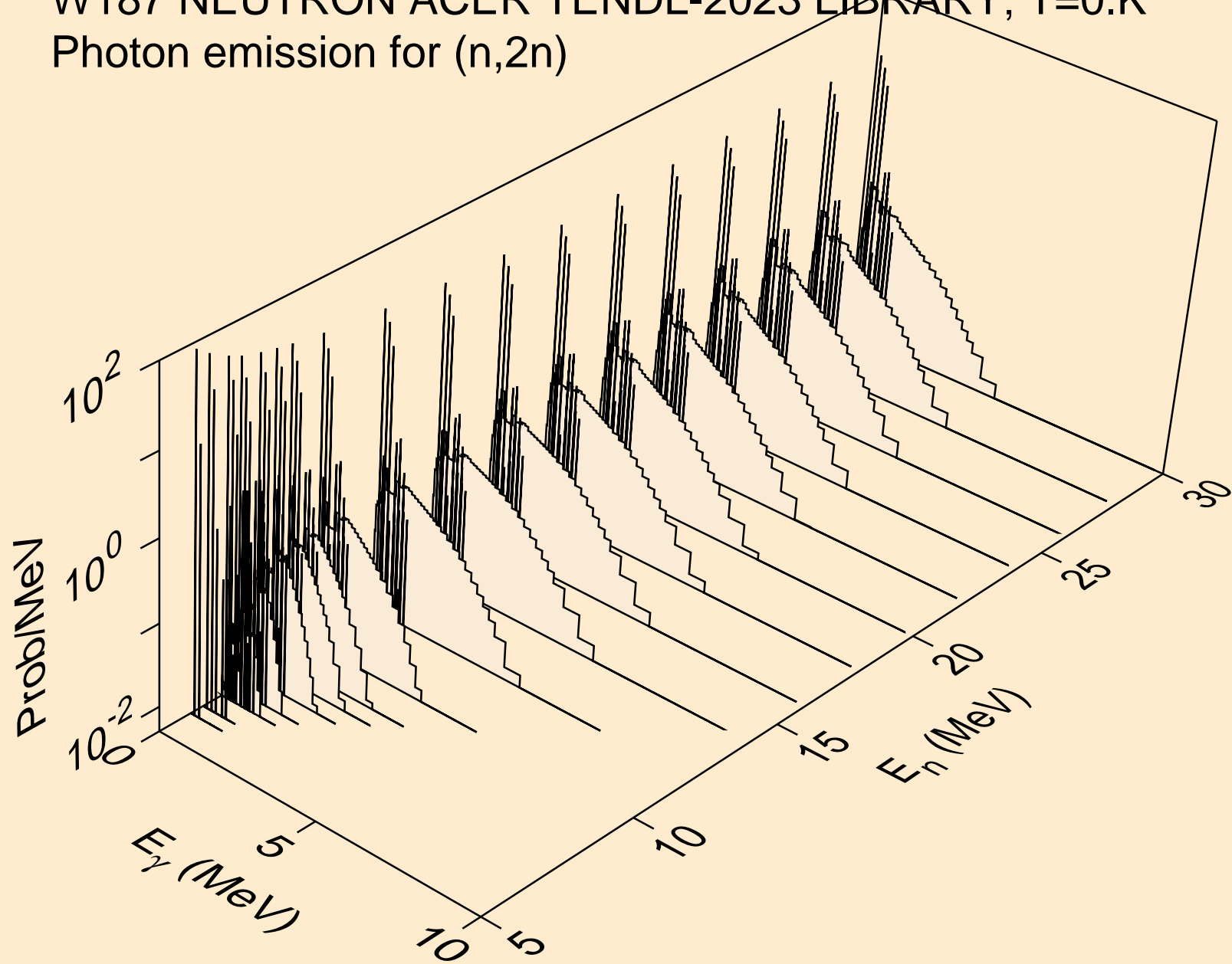




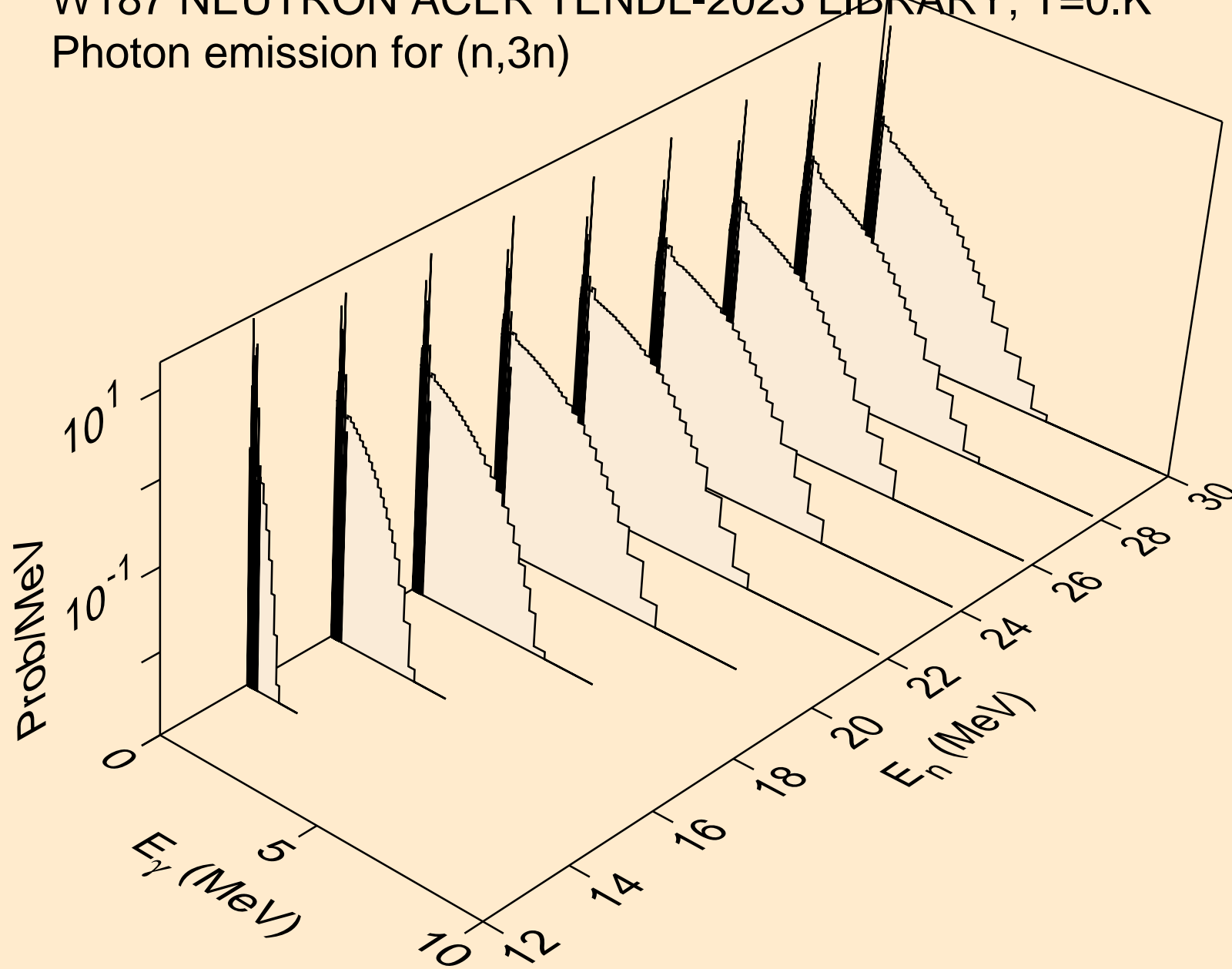
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



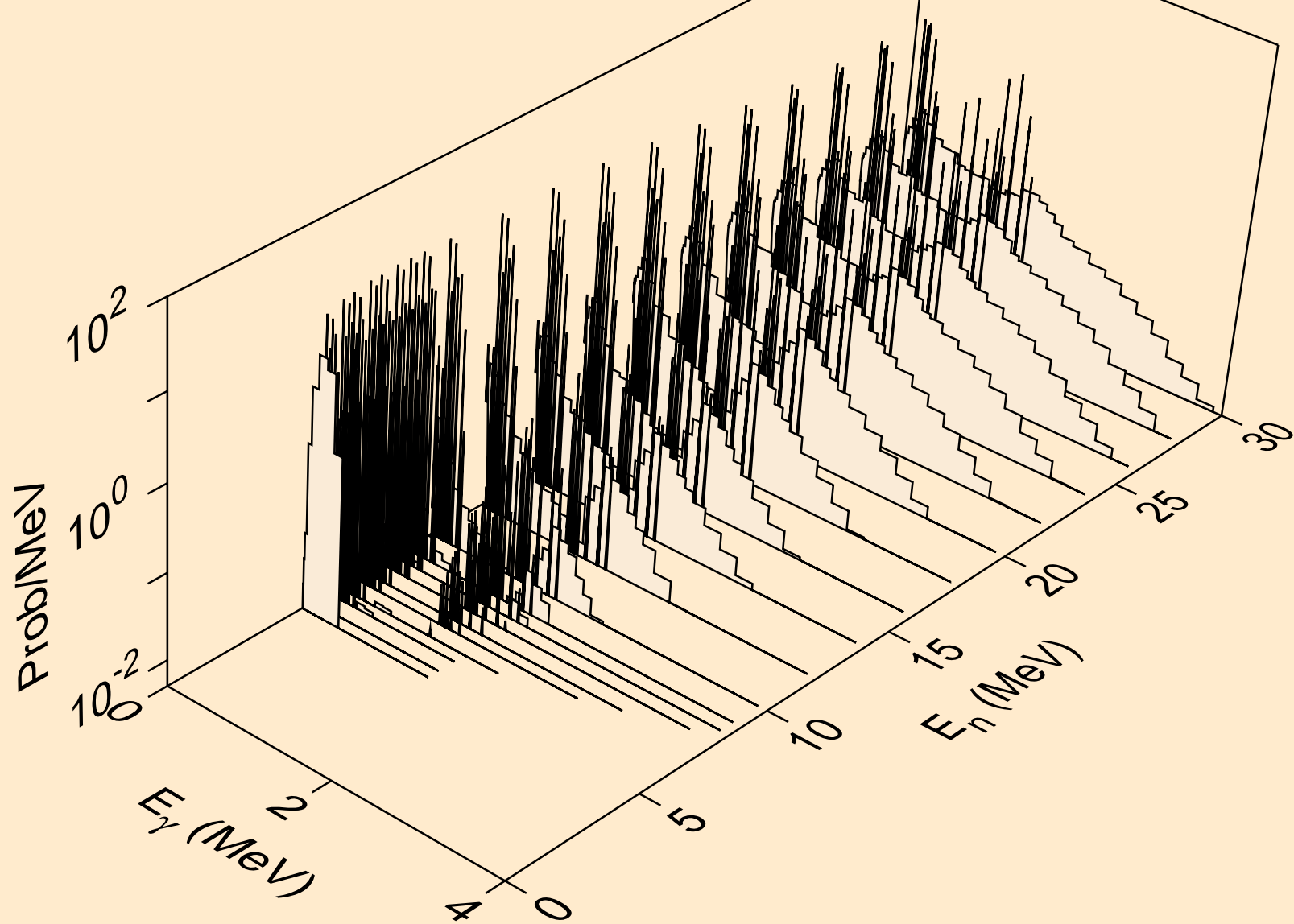
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



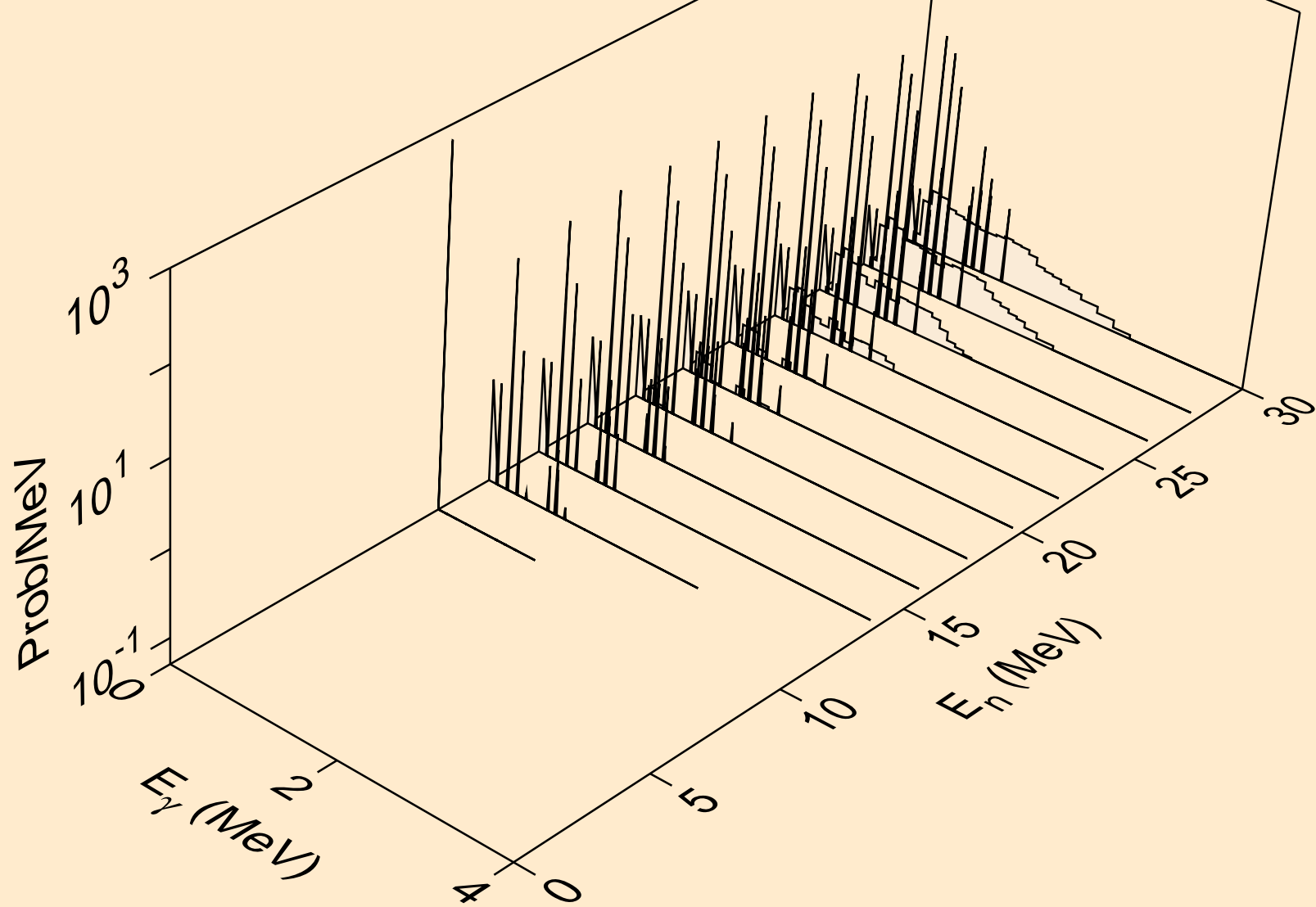
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



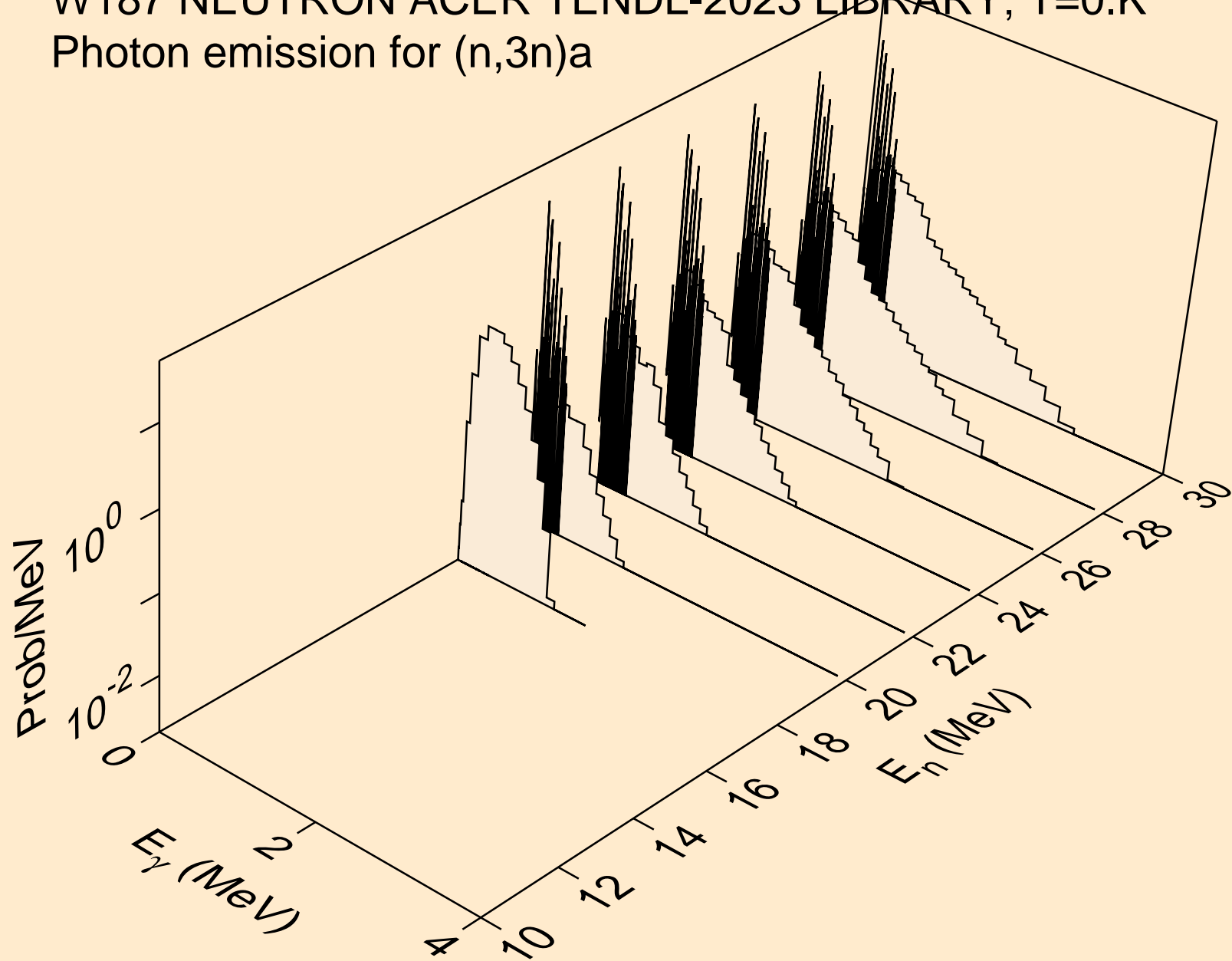
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



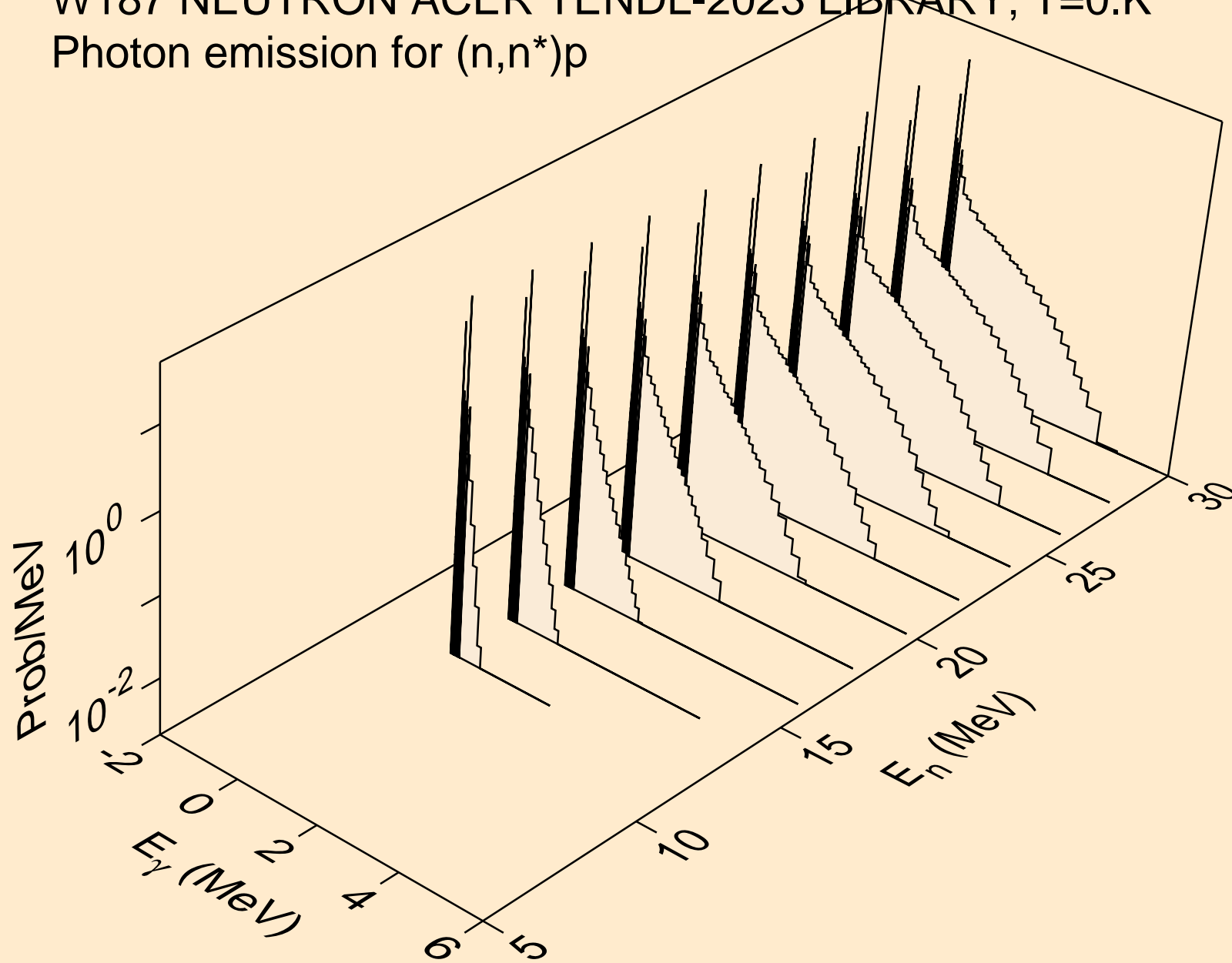
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



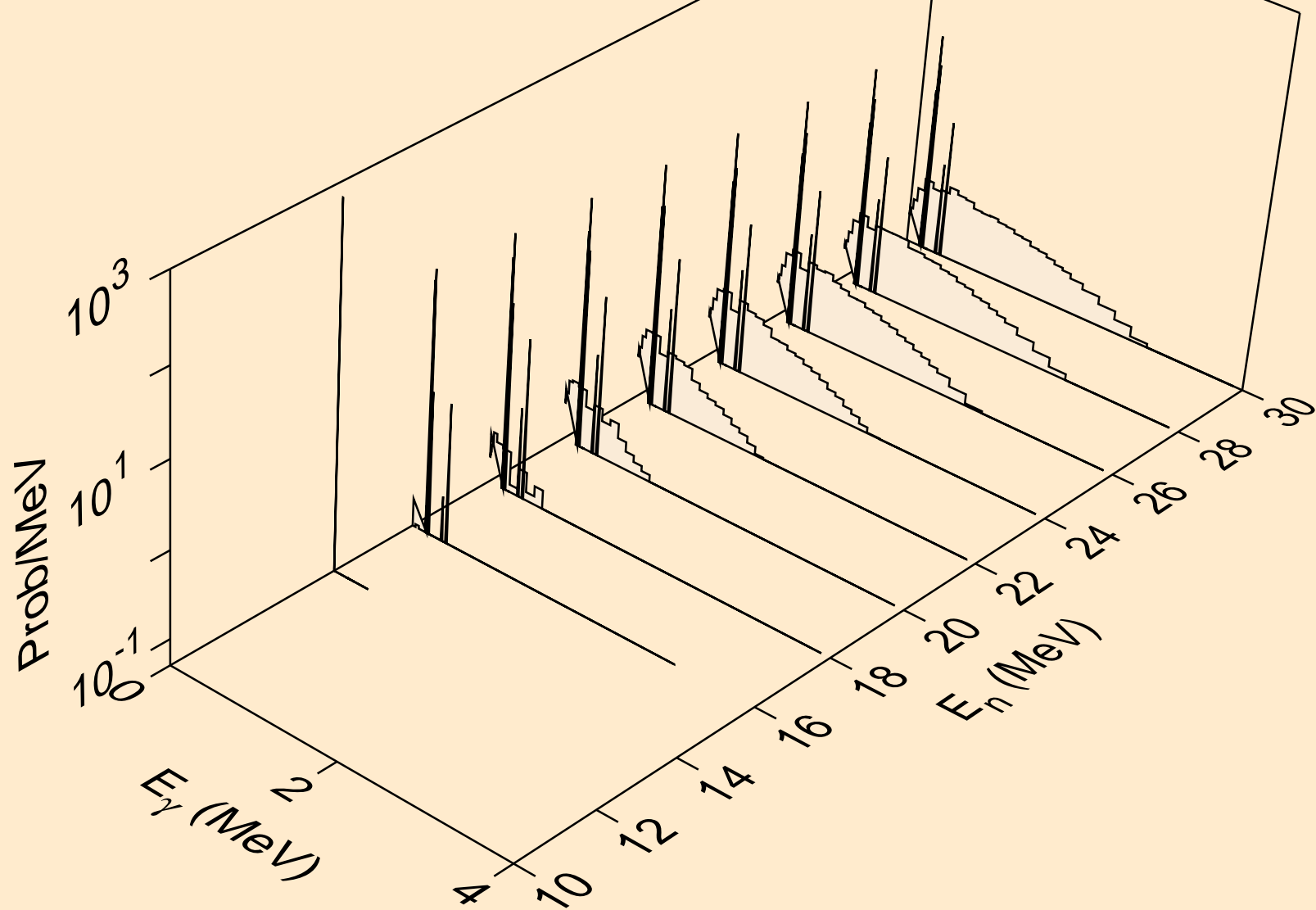
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

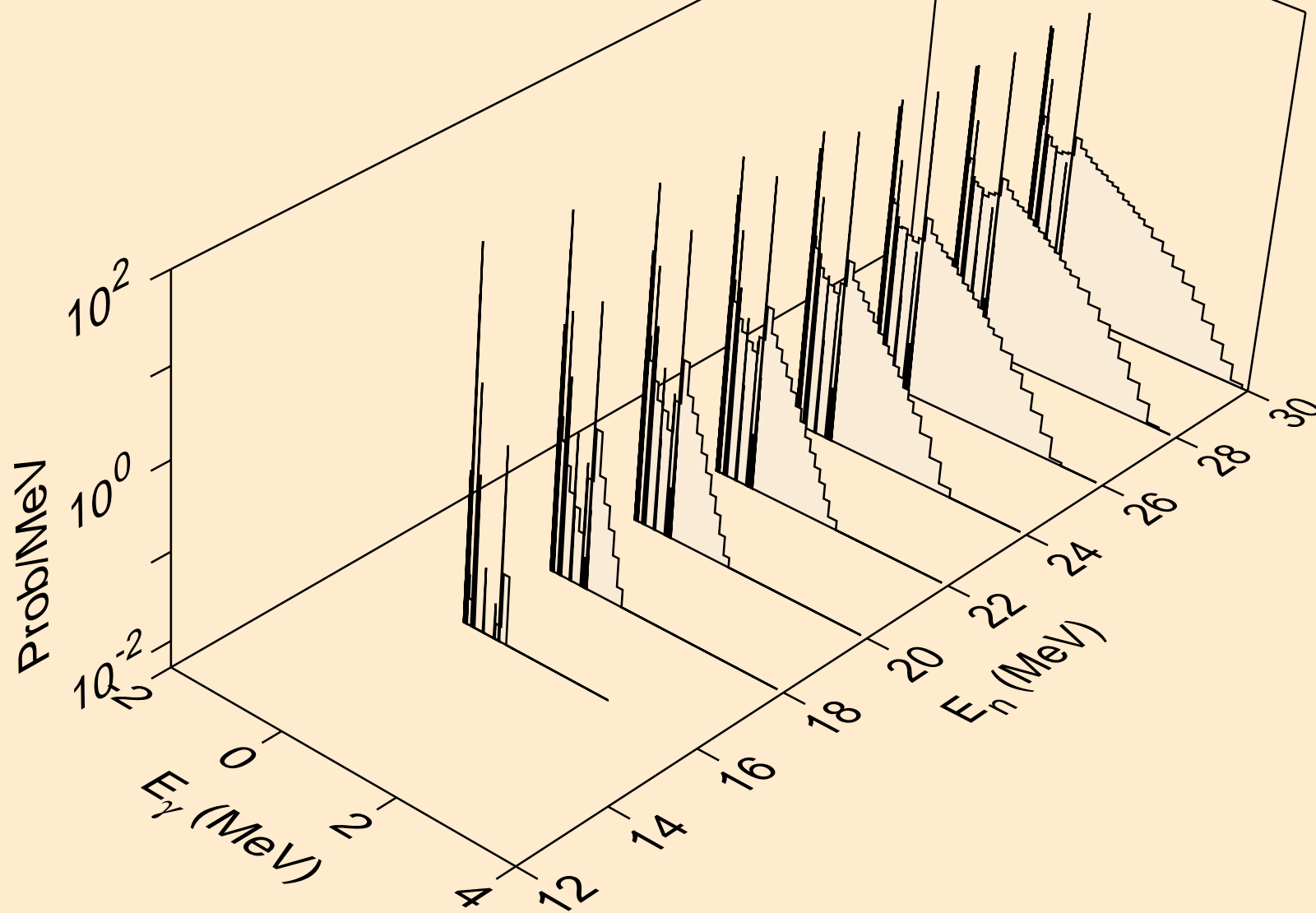


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

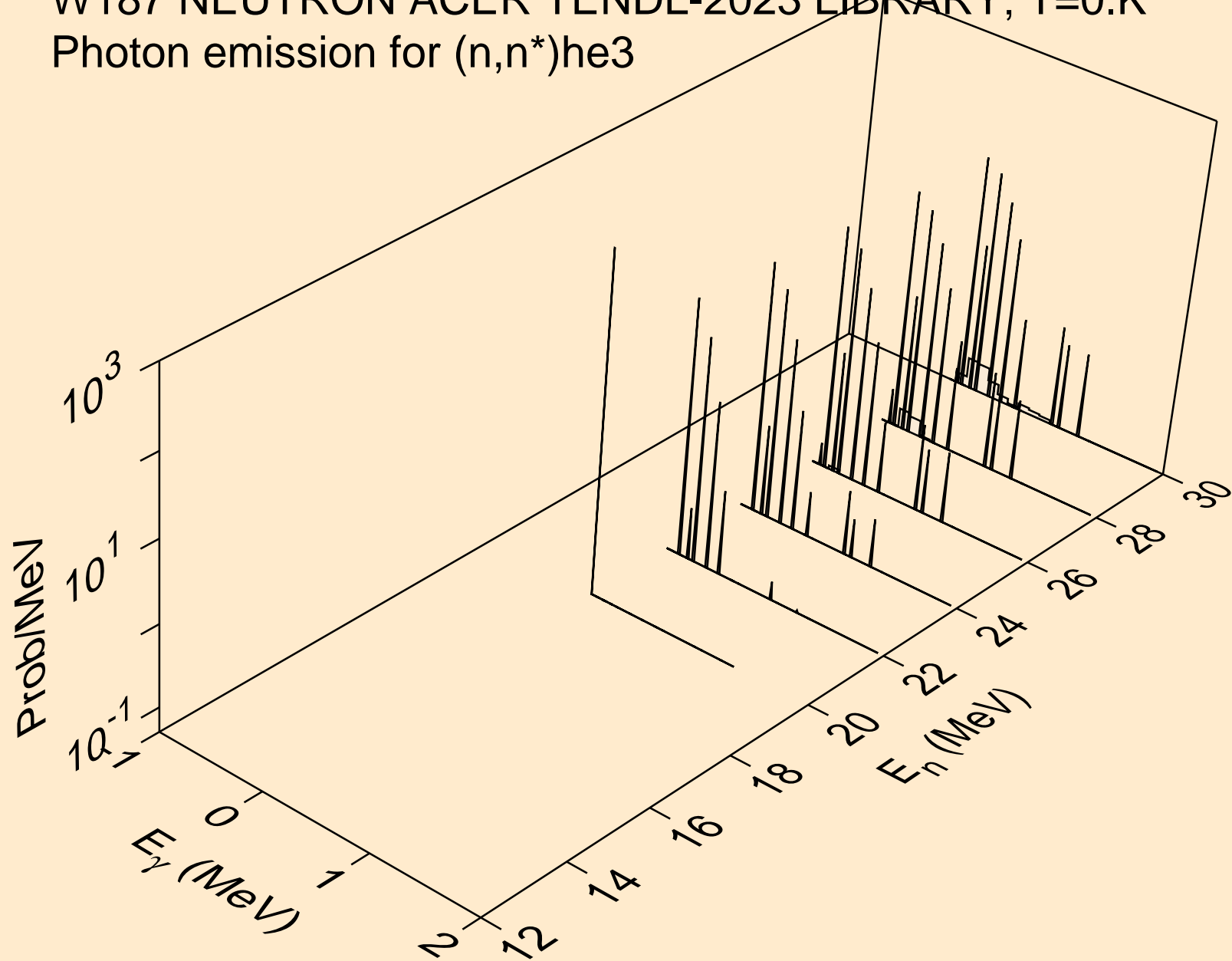




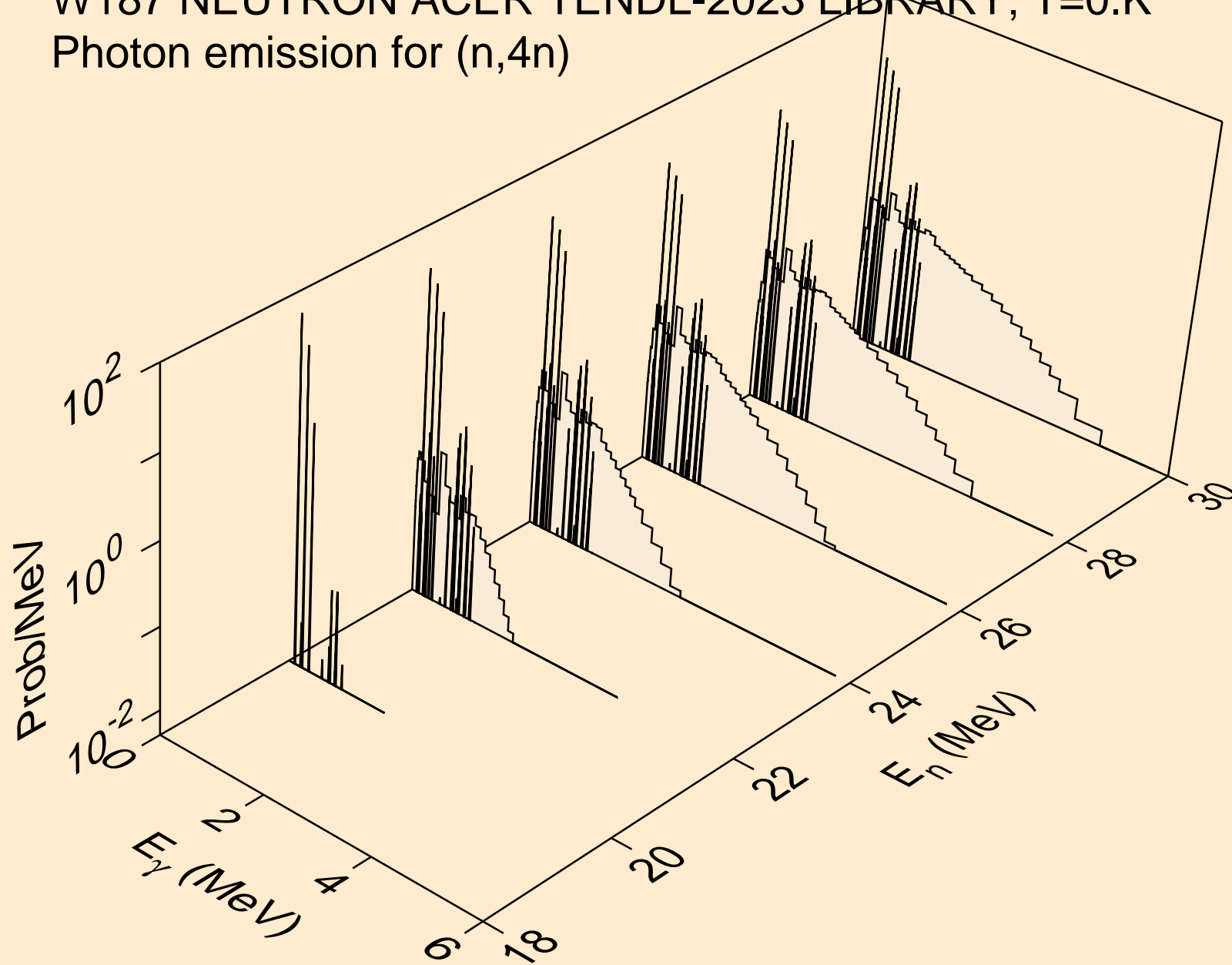
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



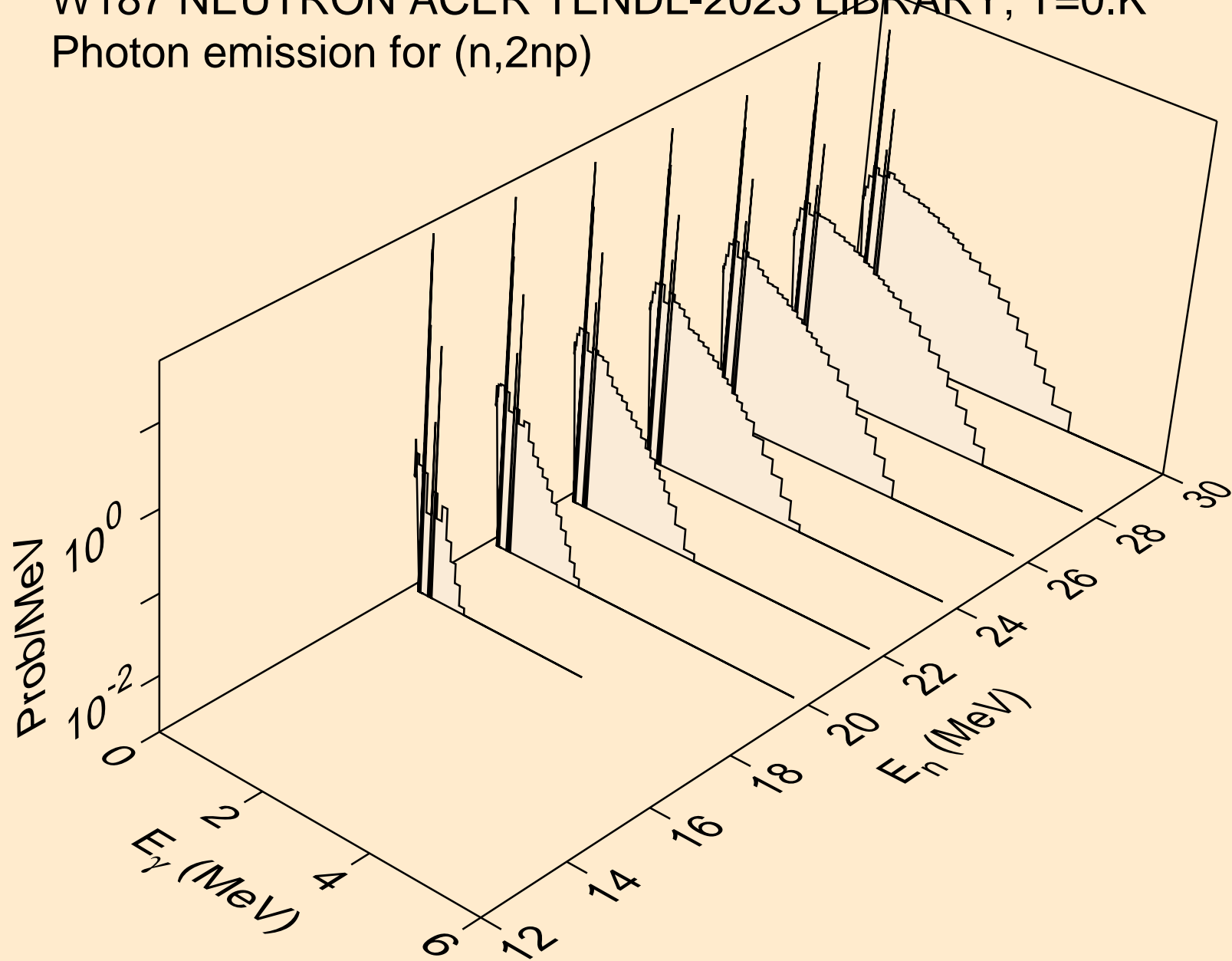
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



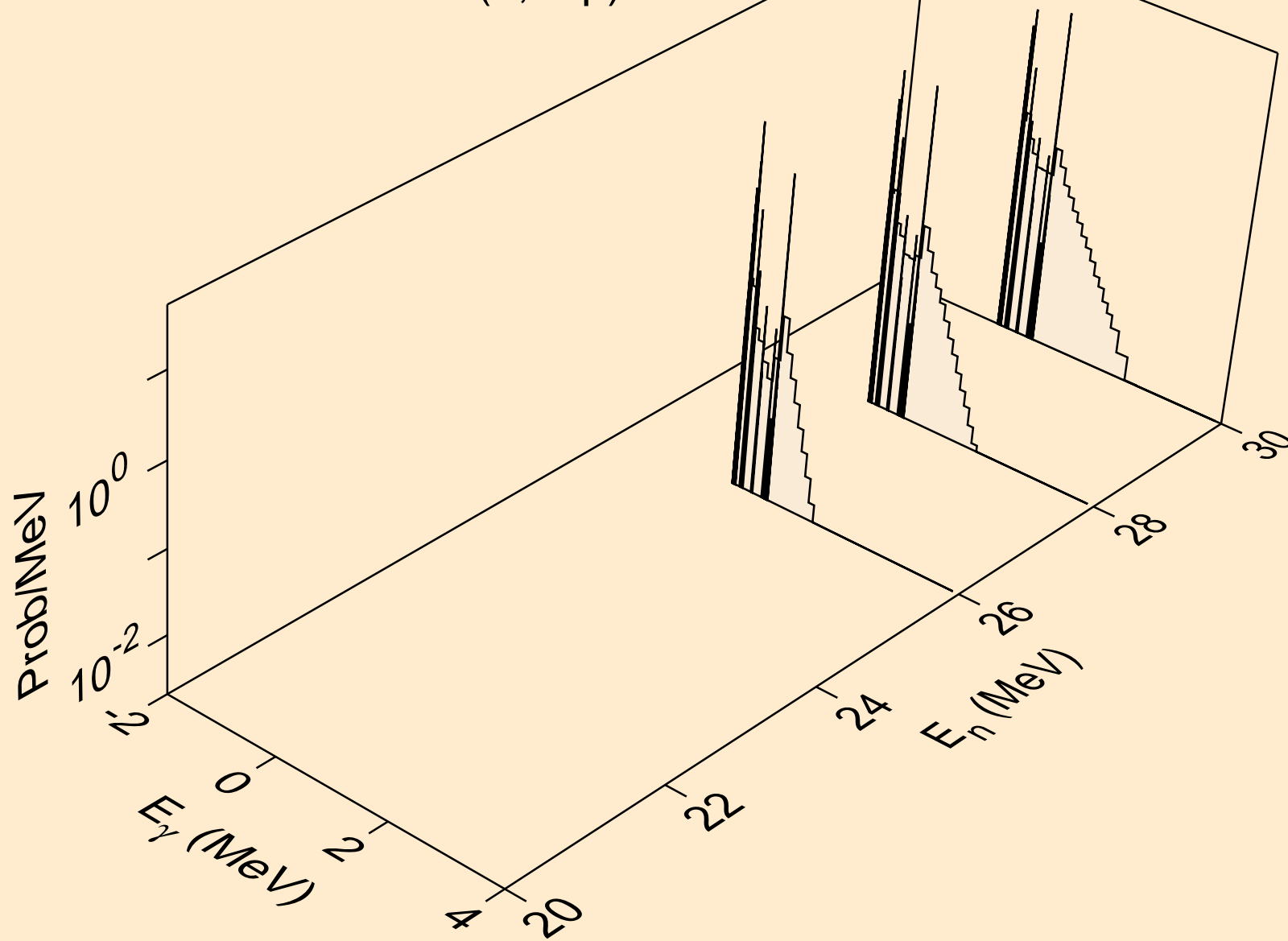
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



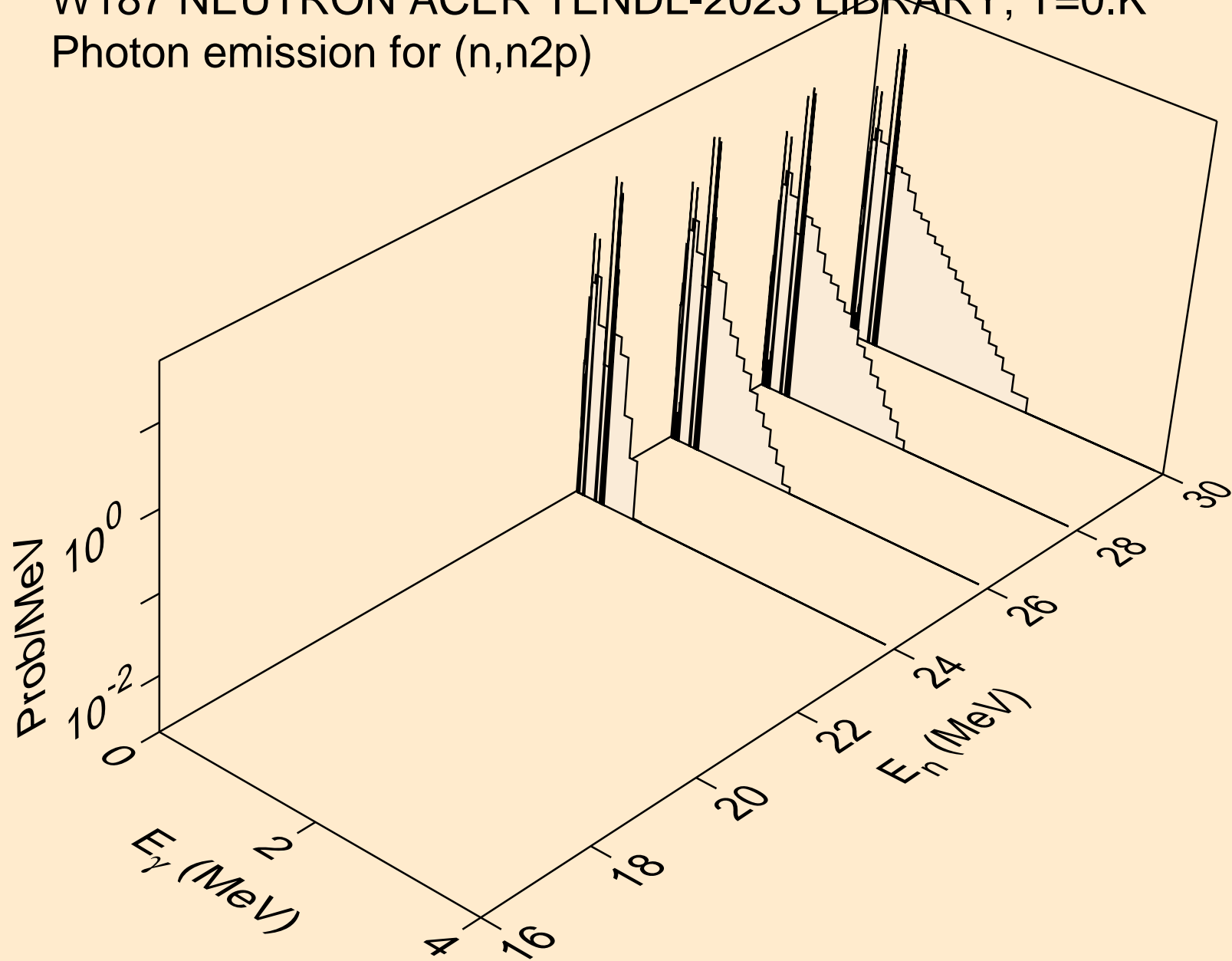
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



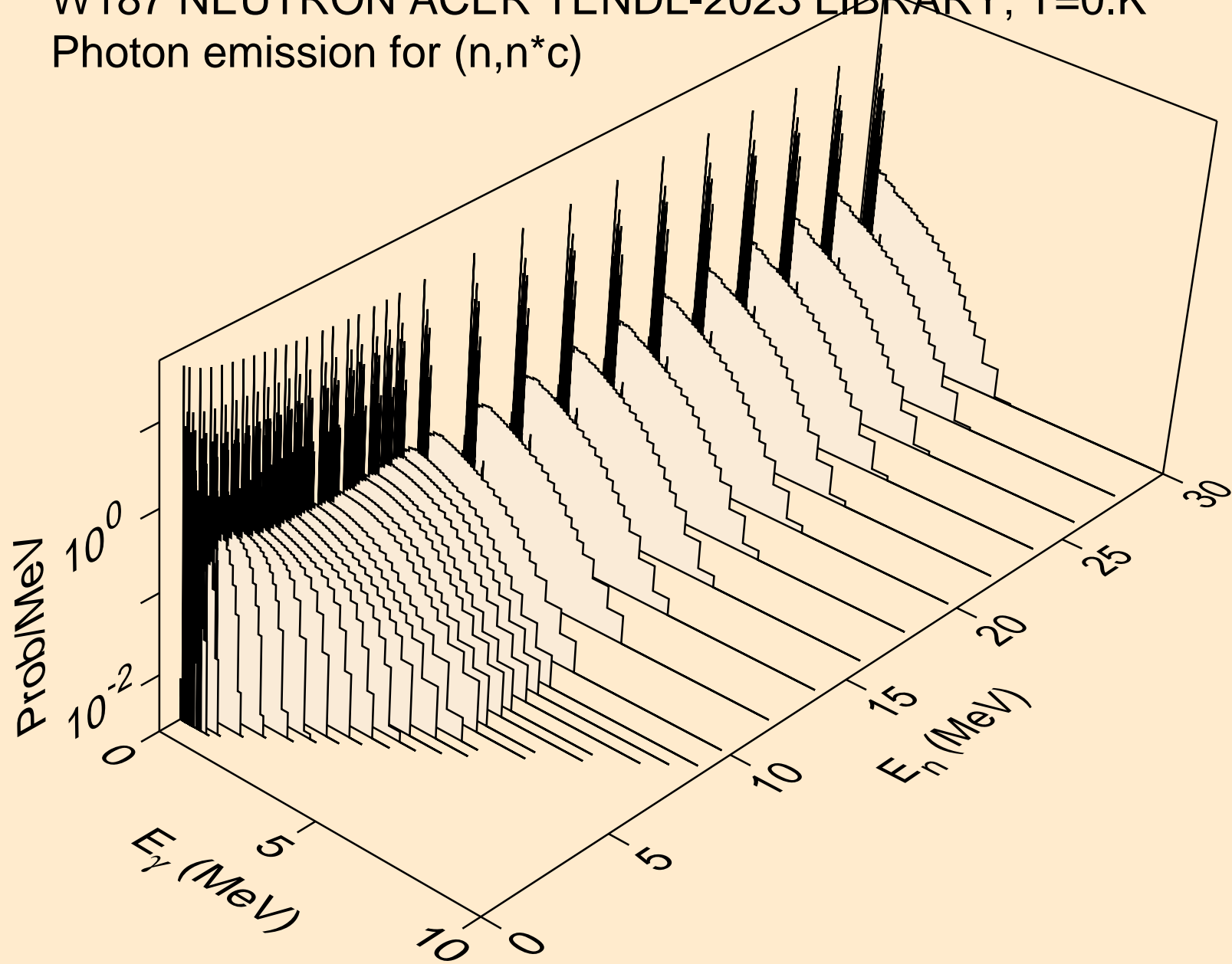
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



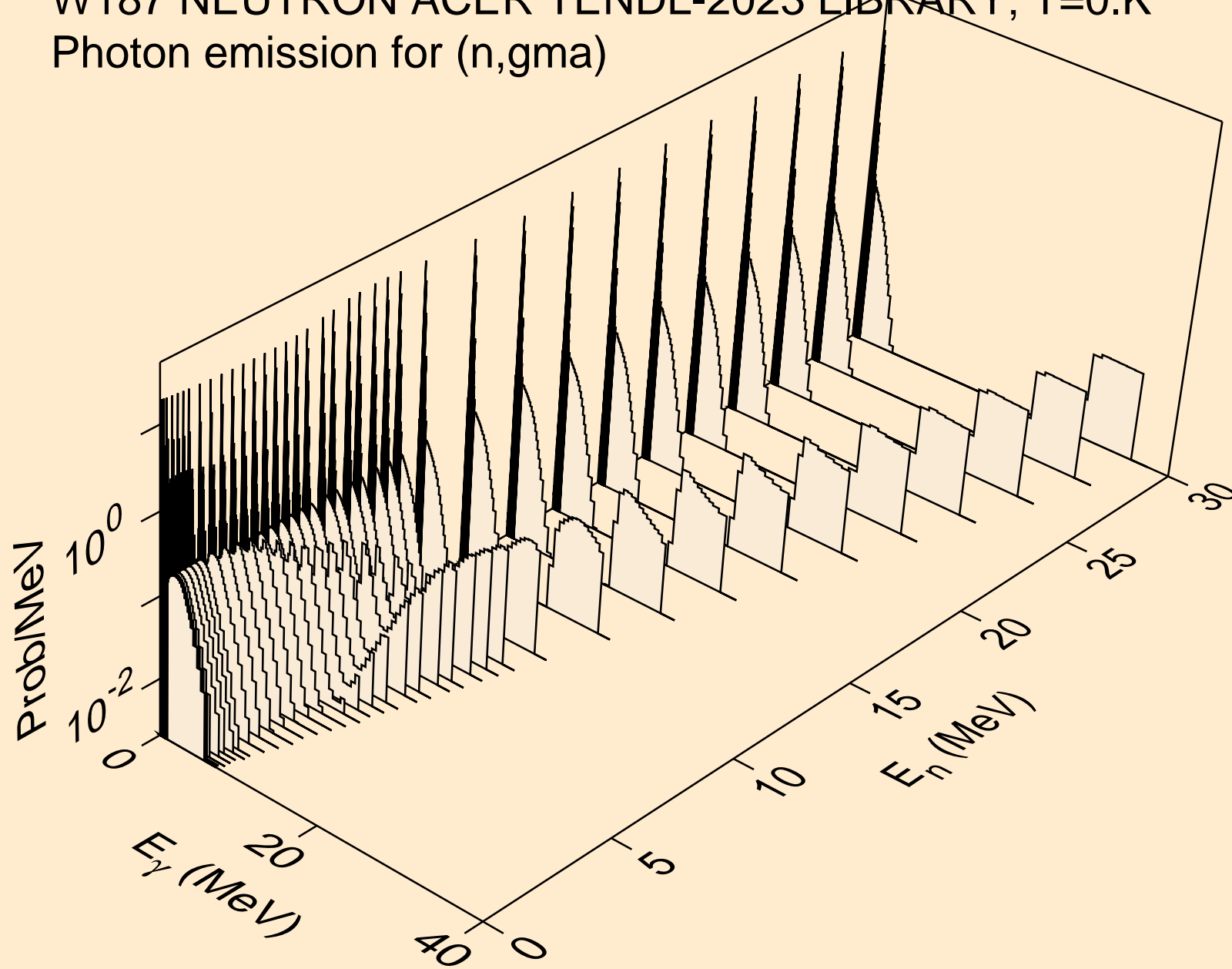
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

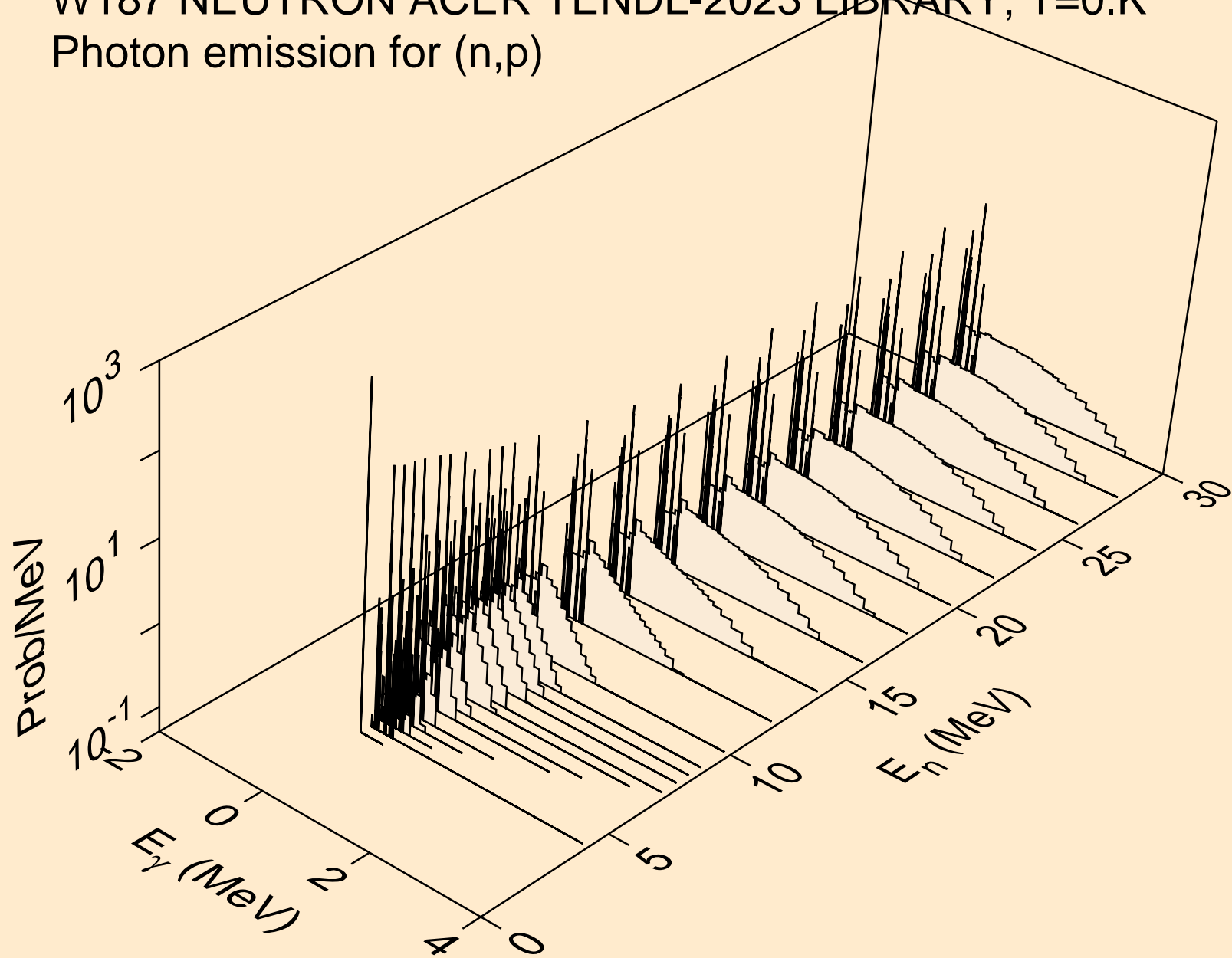


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

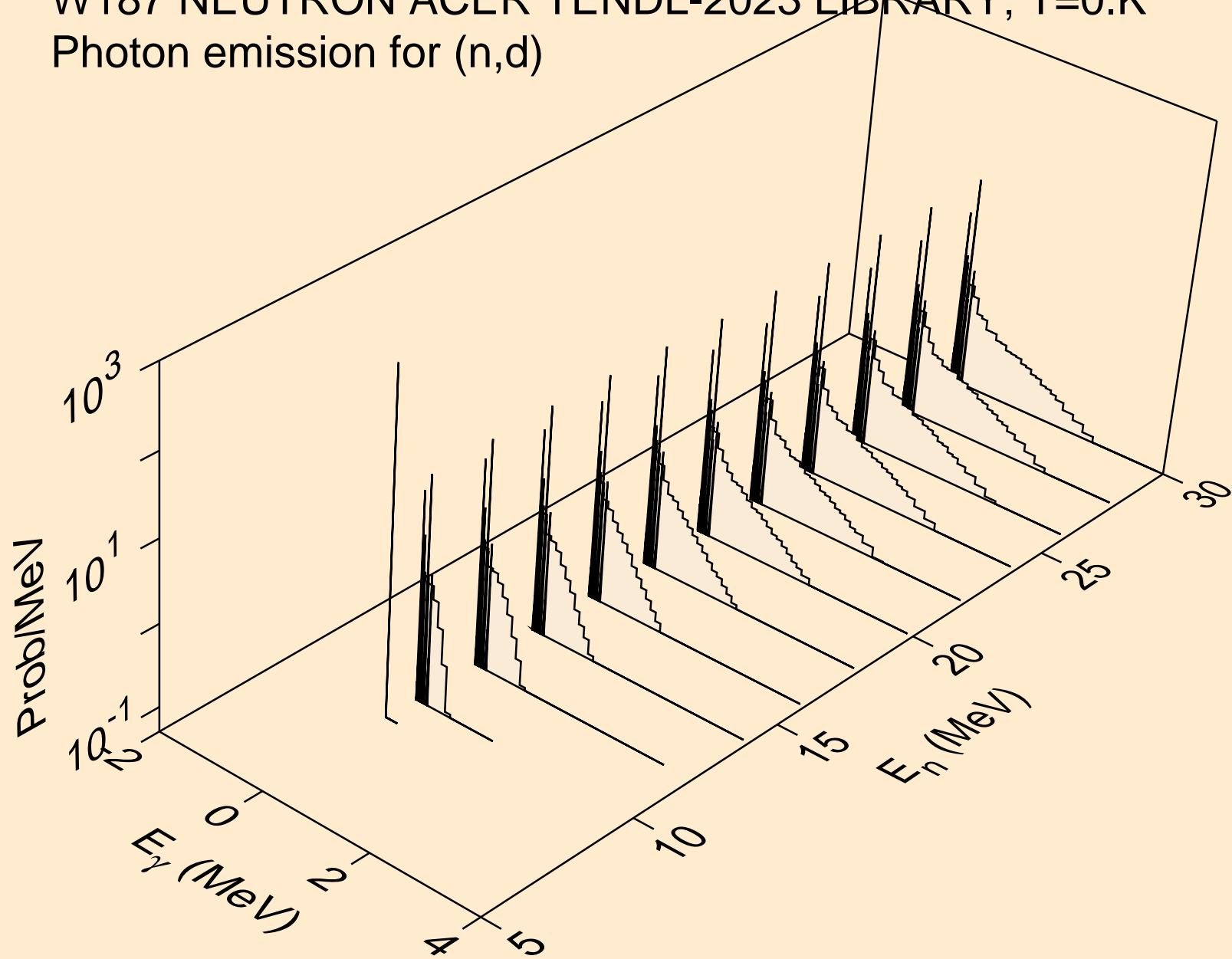




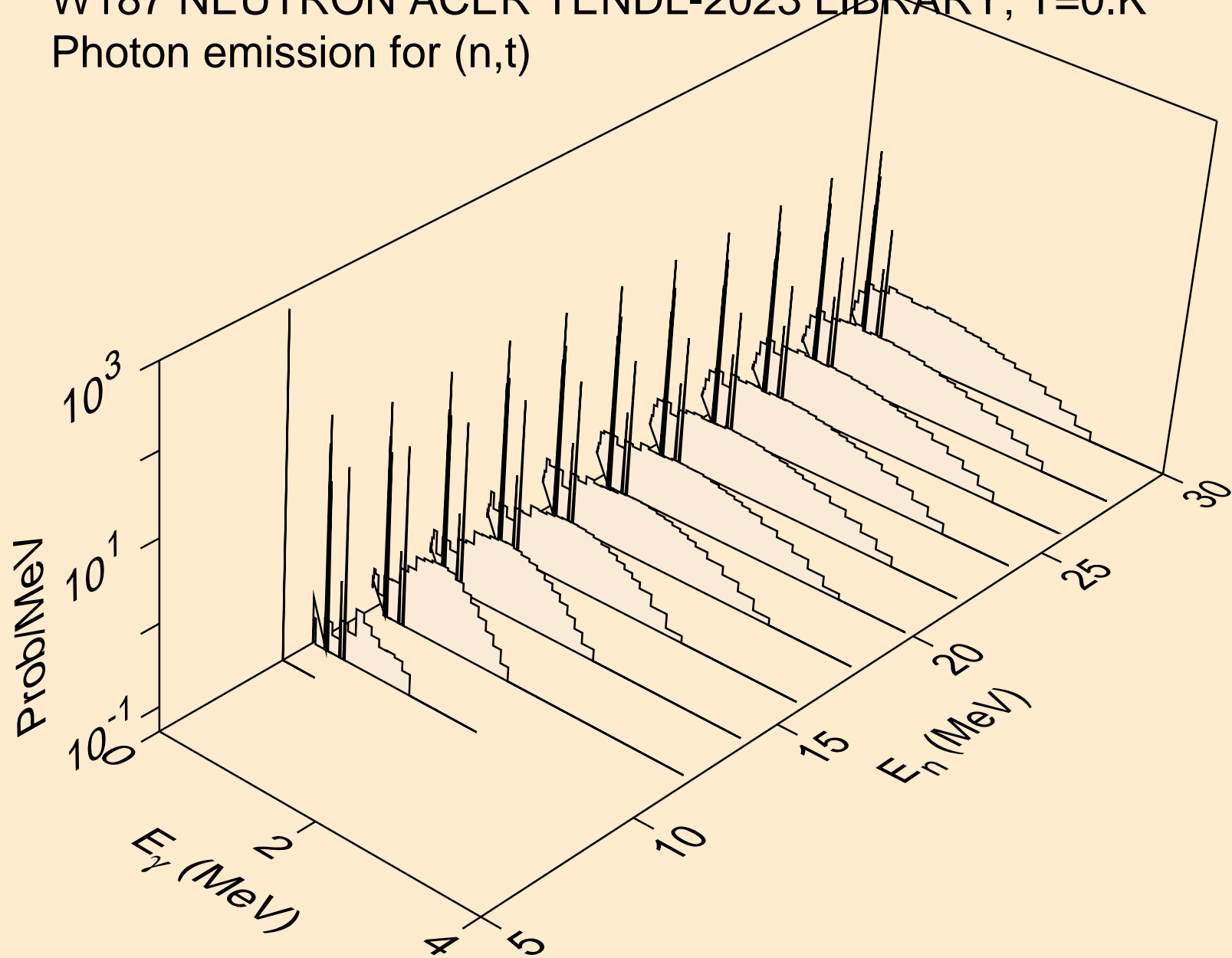
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



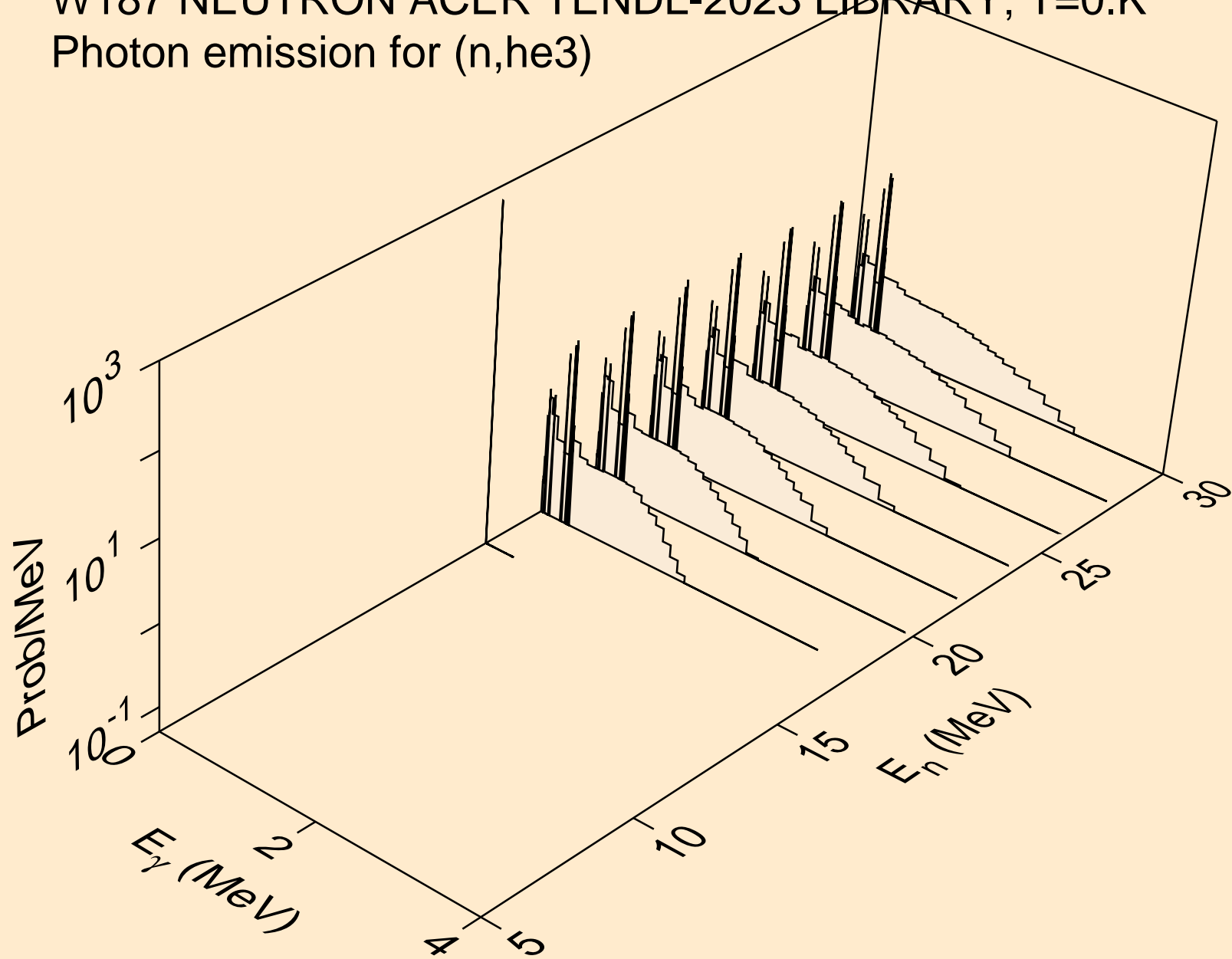
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



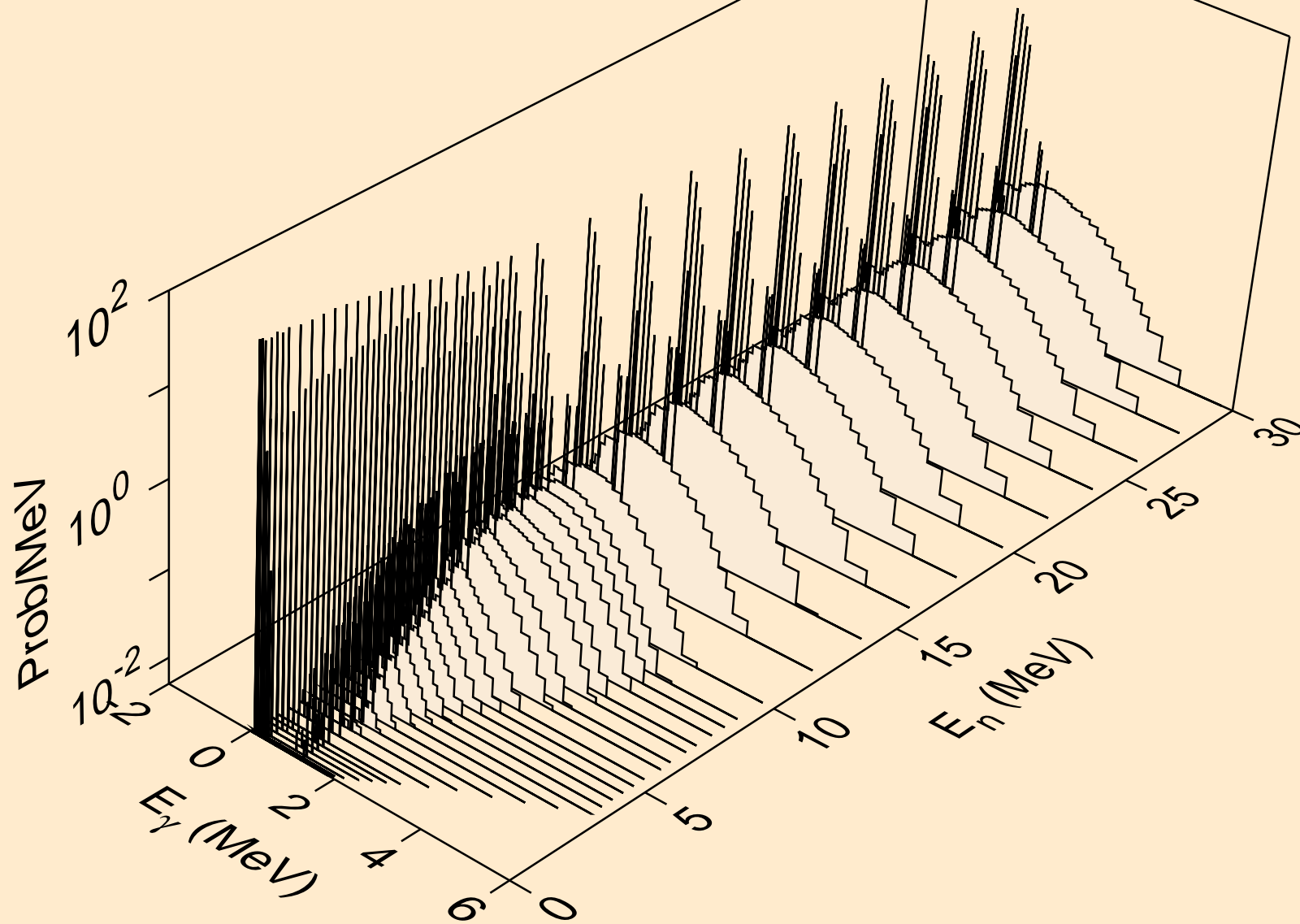
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



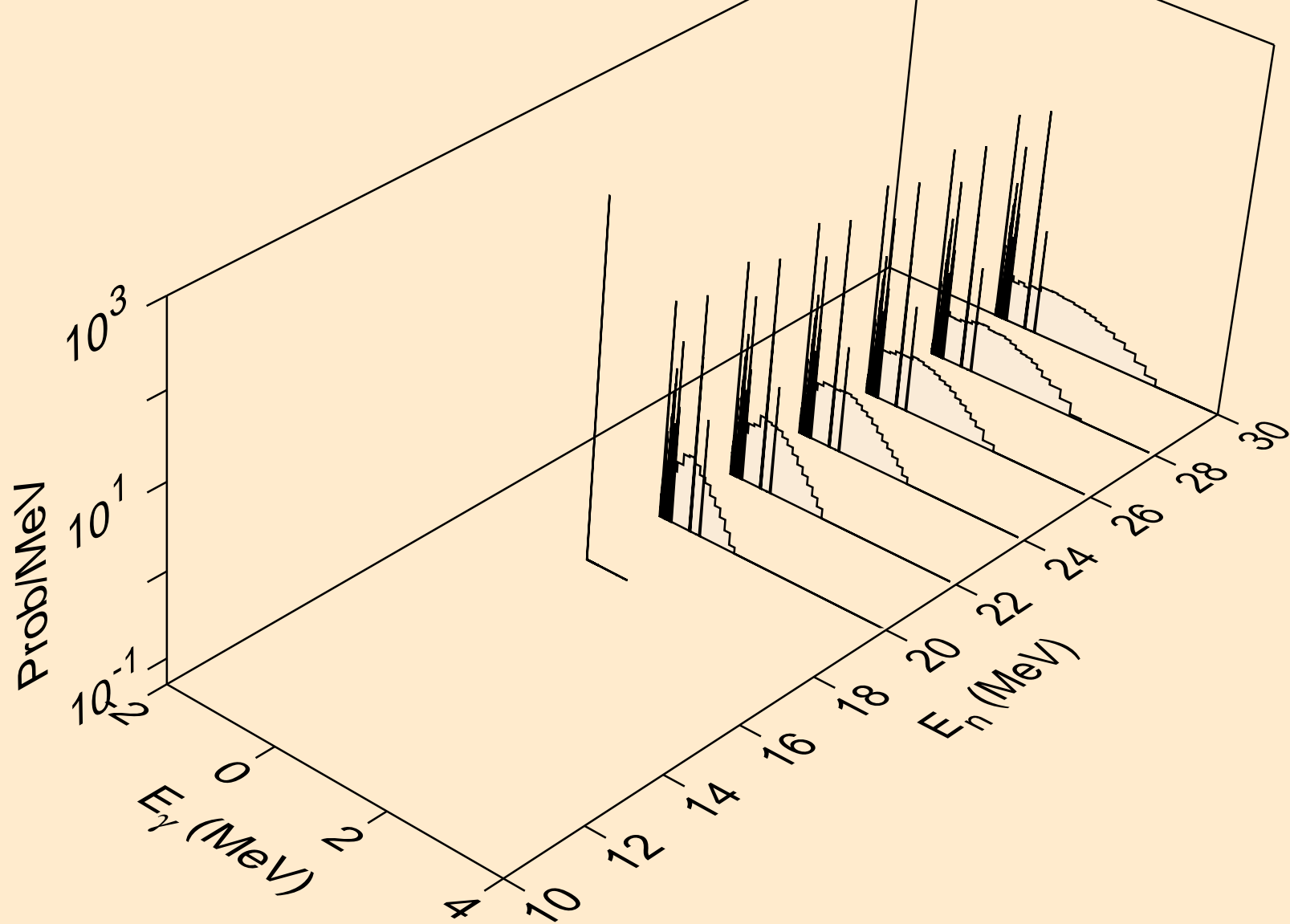
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



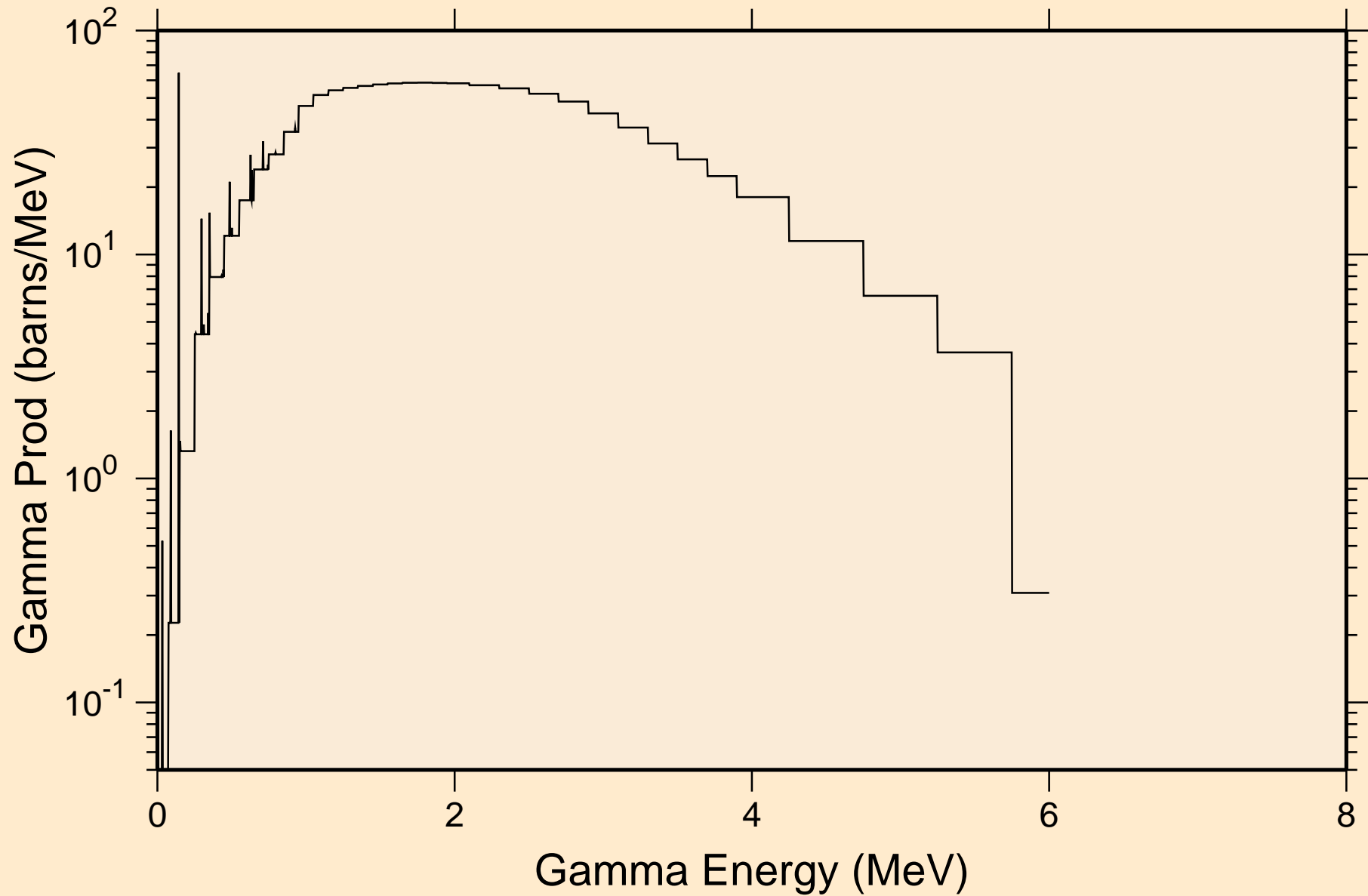
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



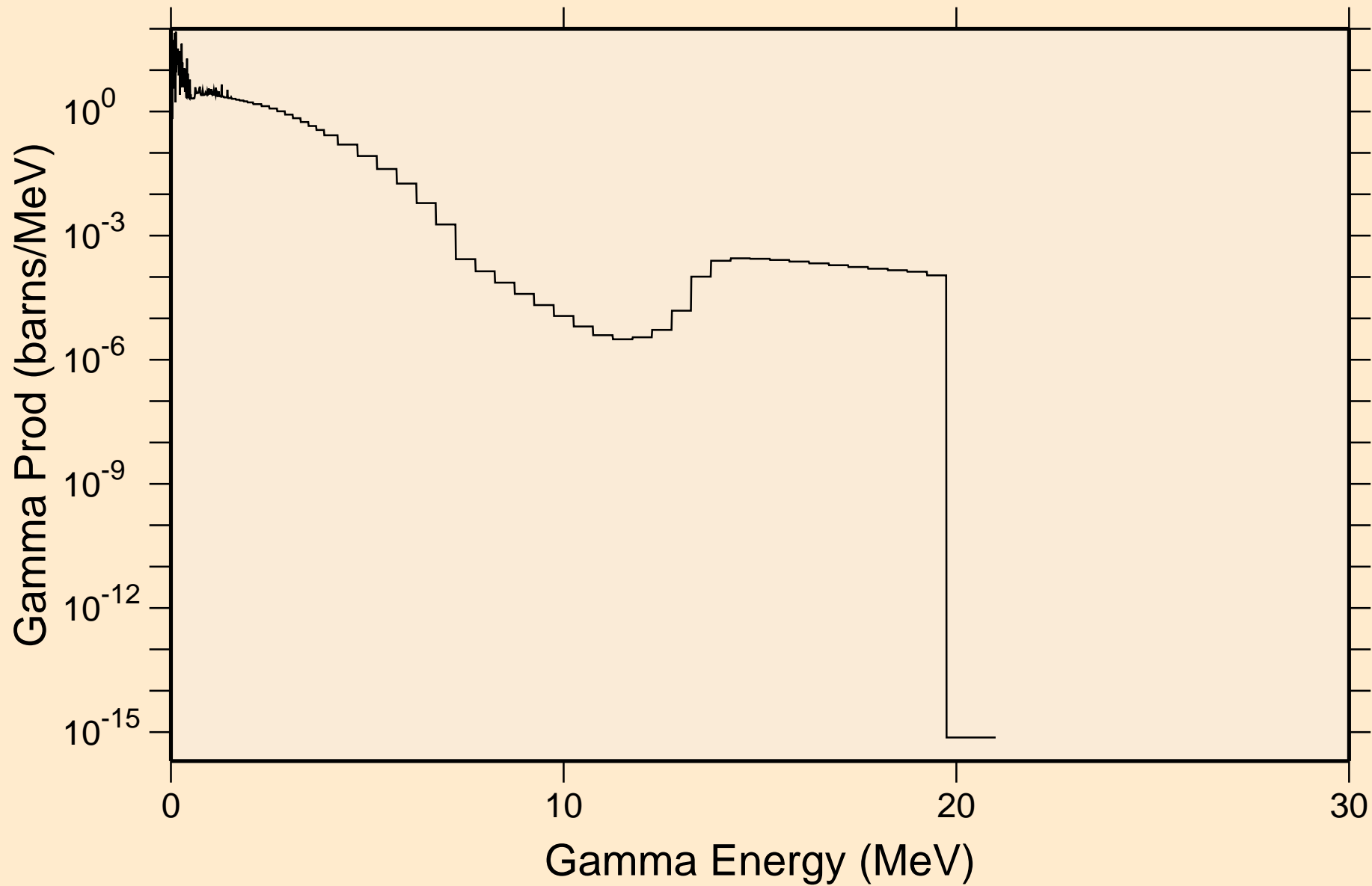
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



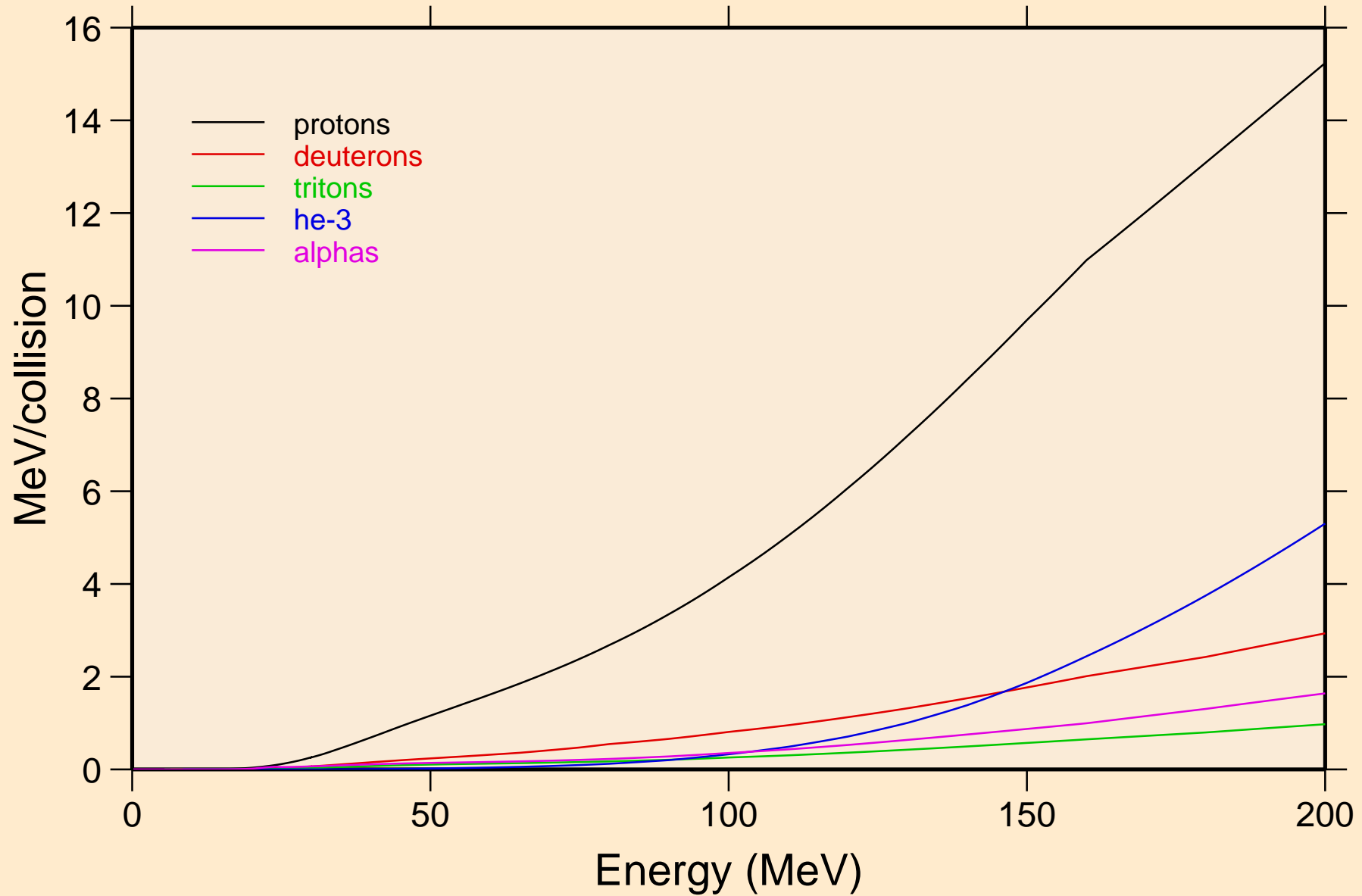
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



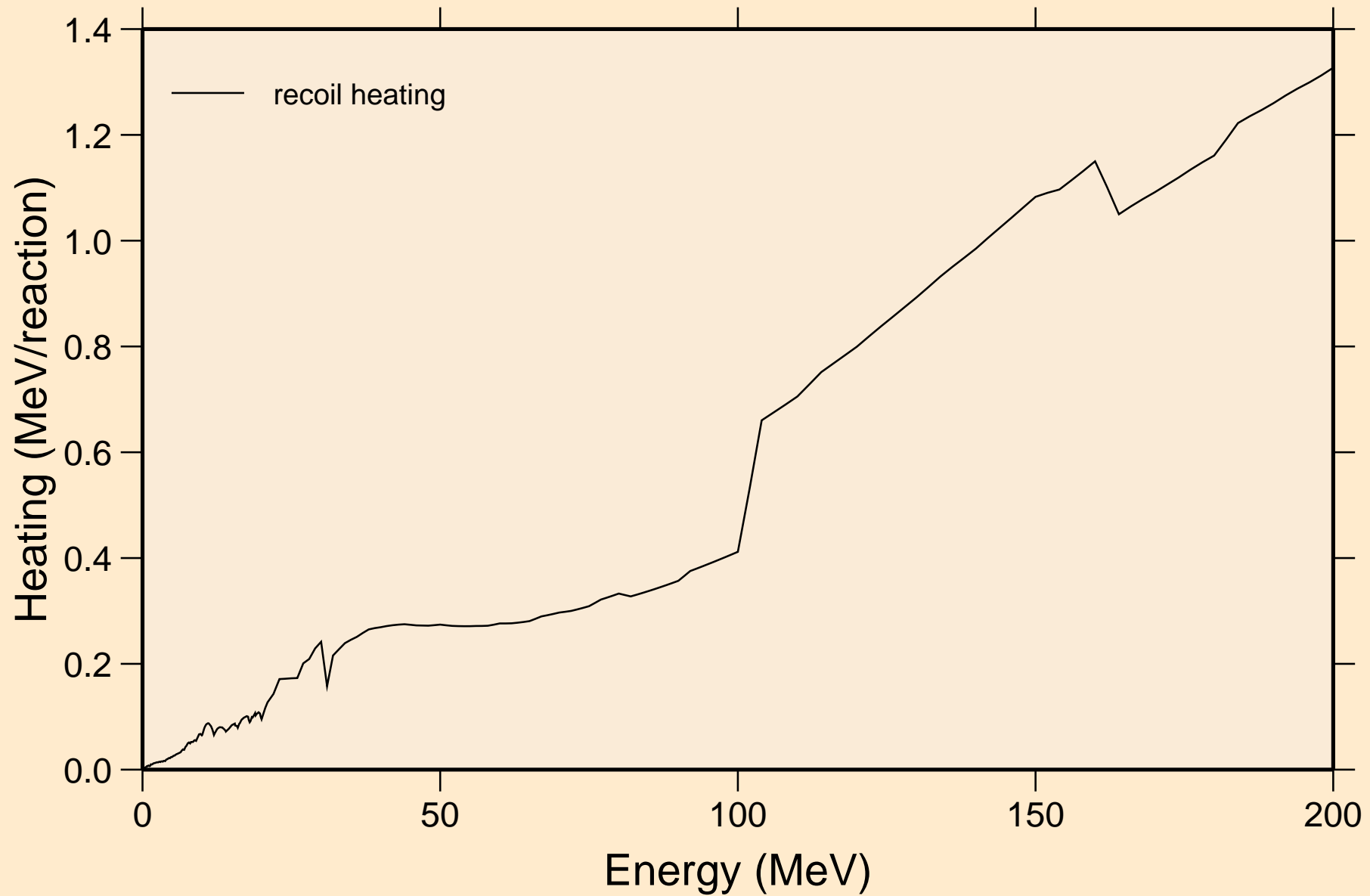


# W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

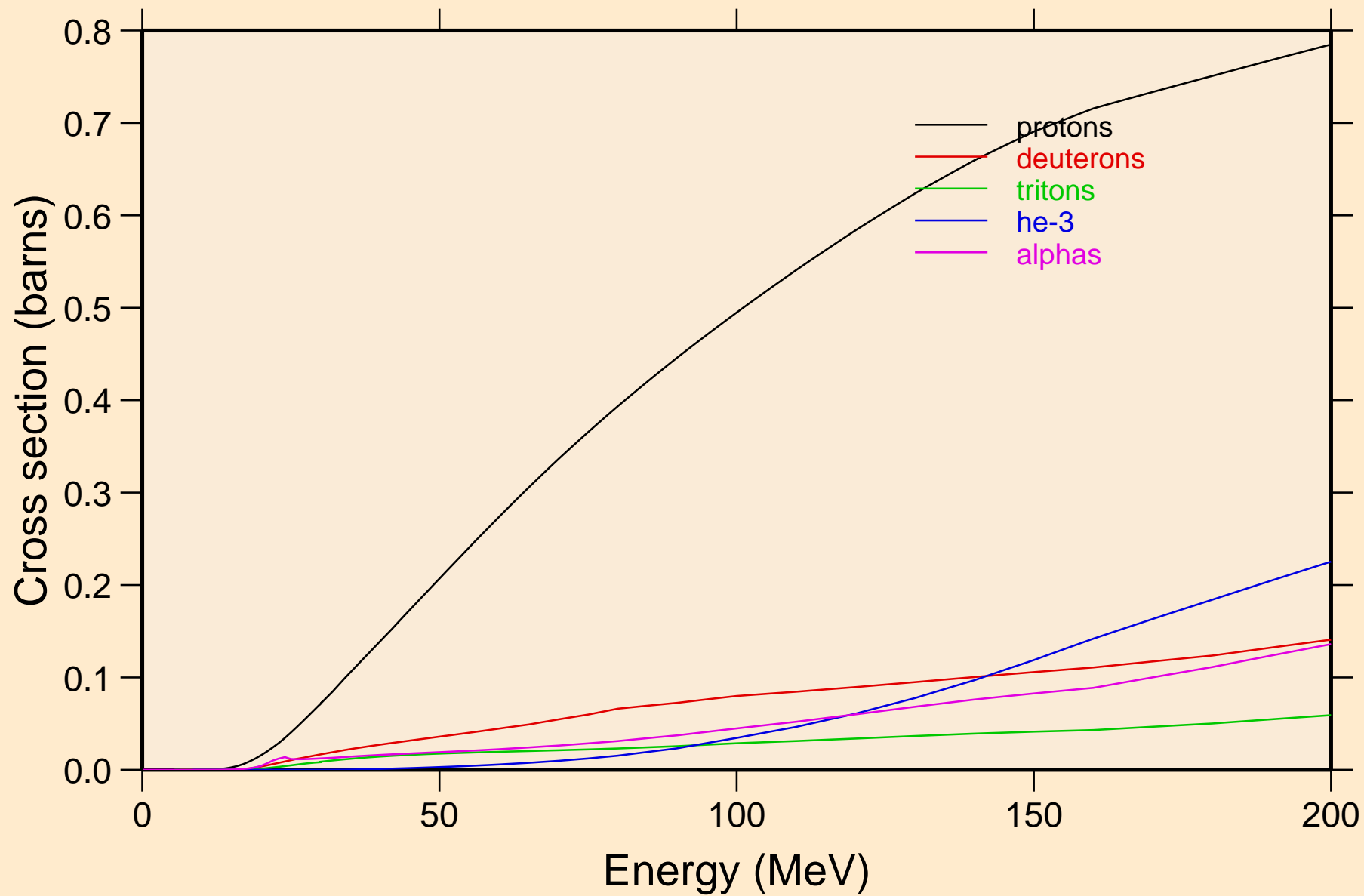
## Particle heating contributions



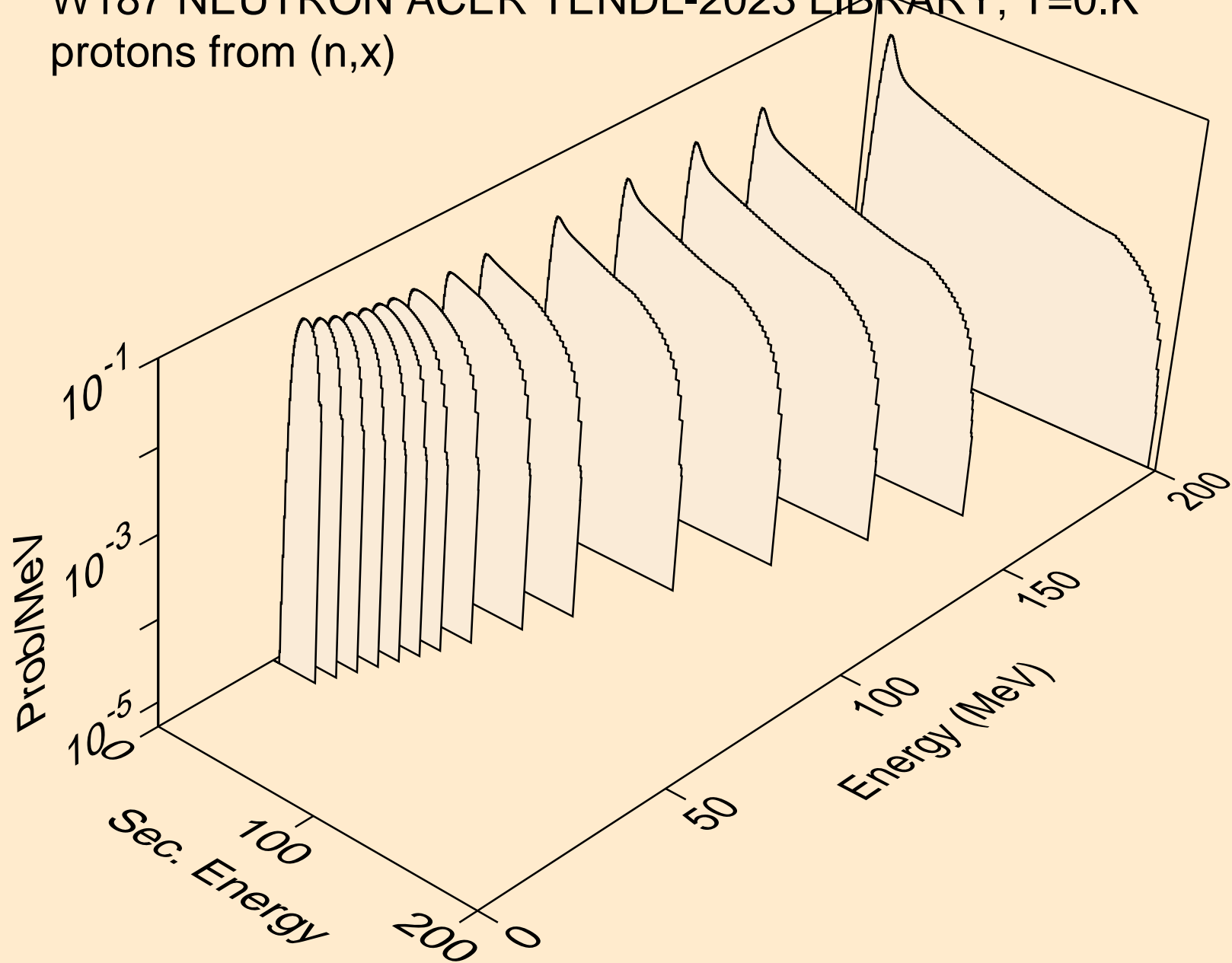
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Recoil Heating



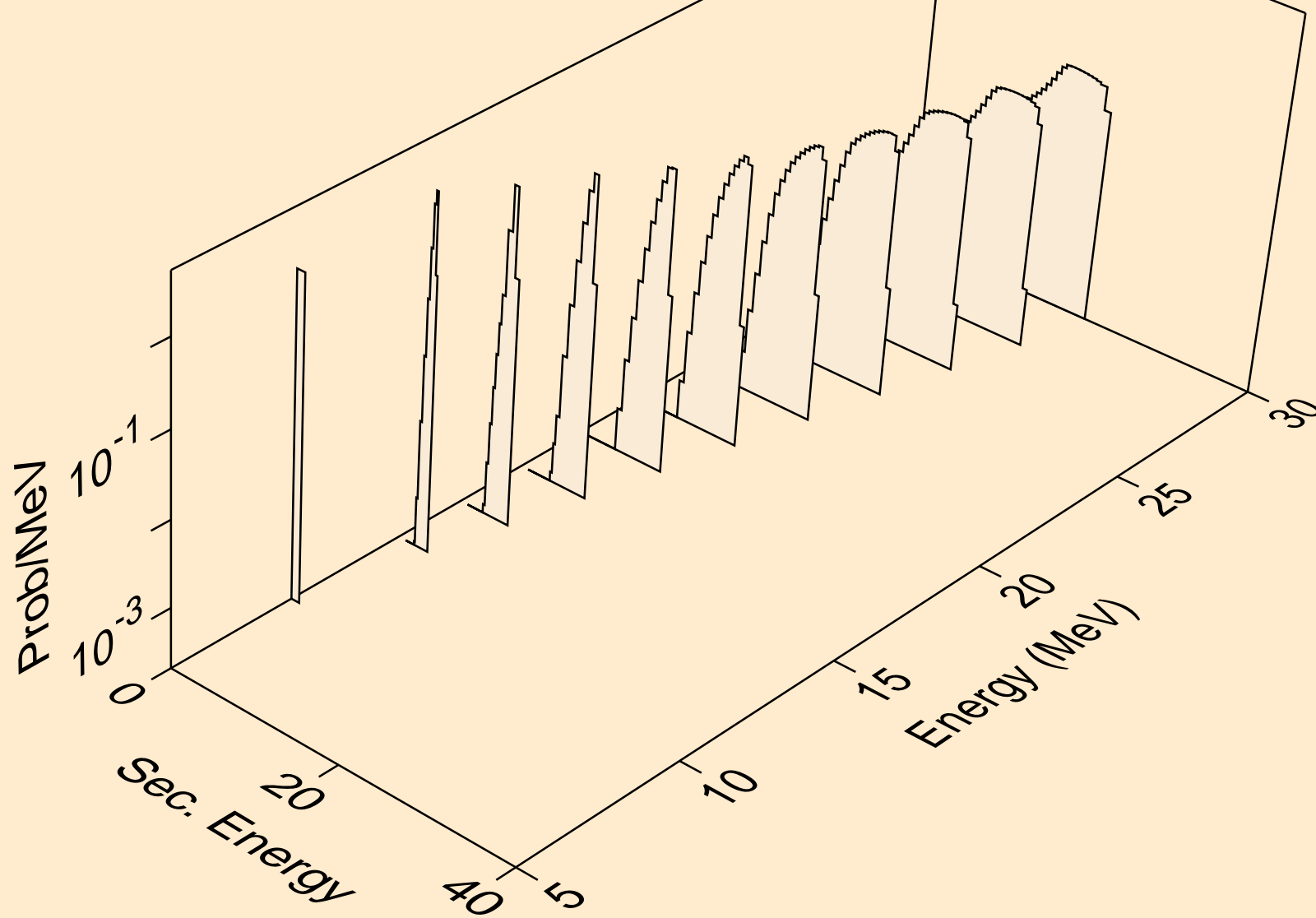
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



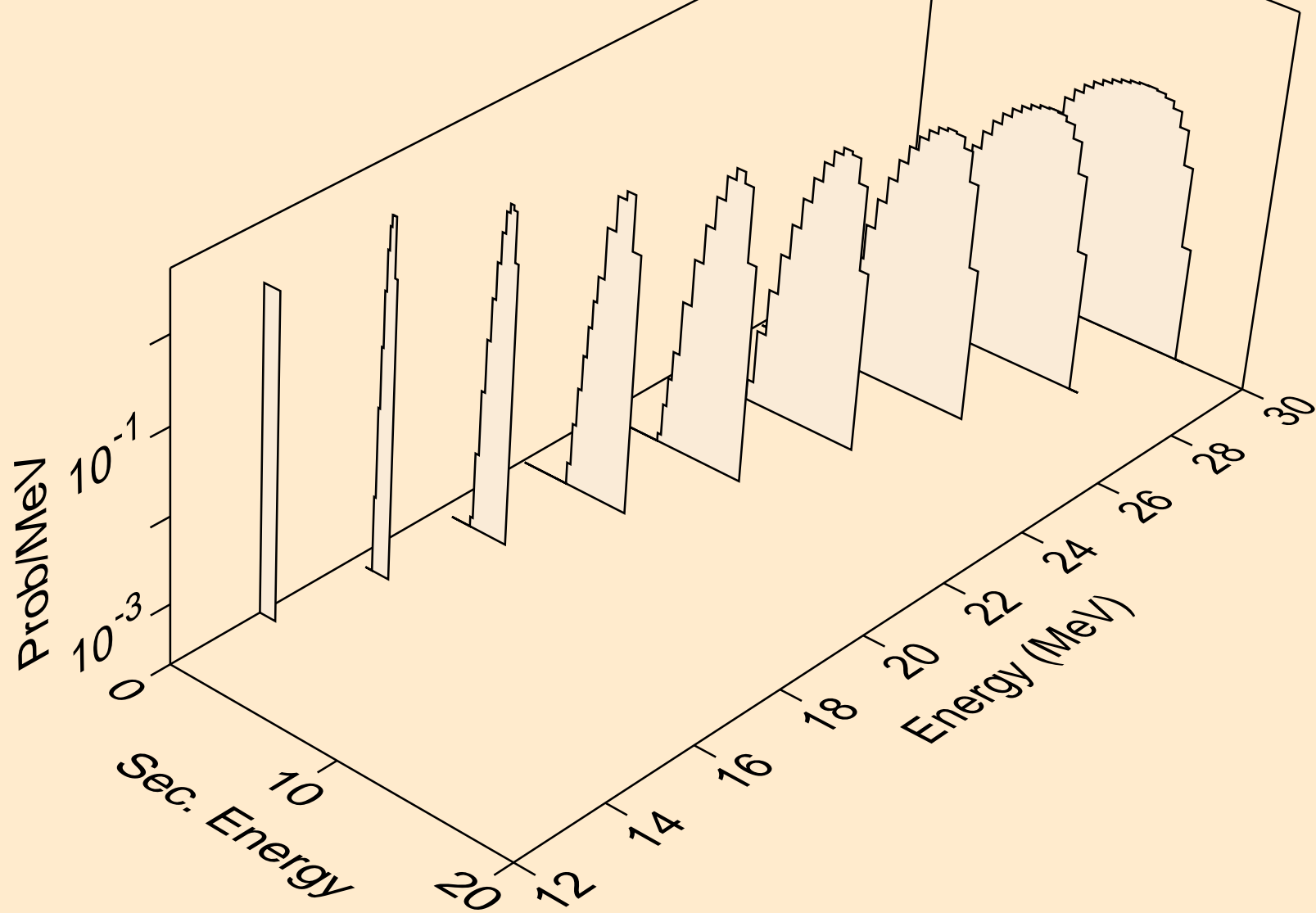
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



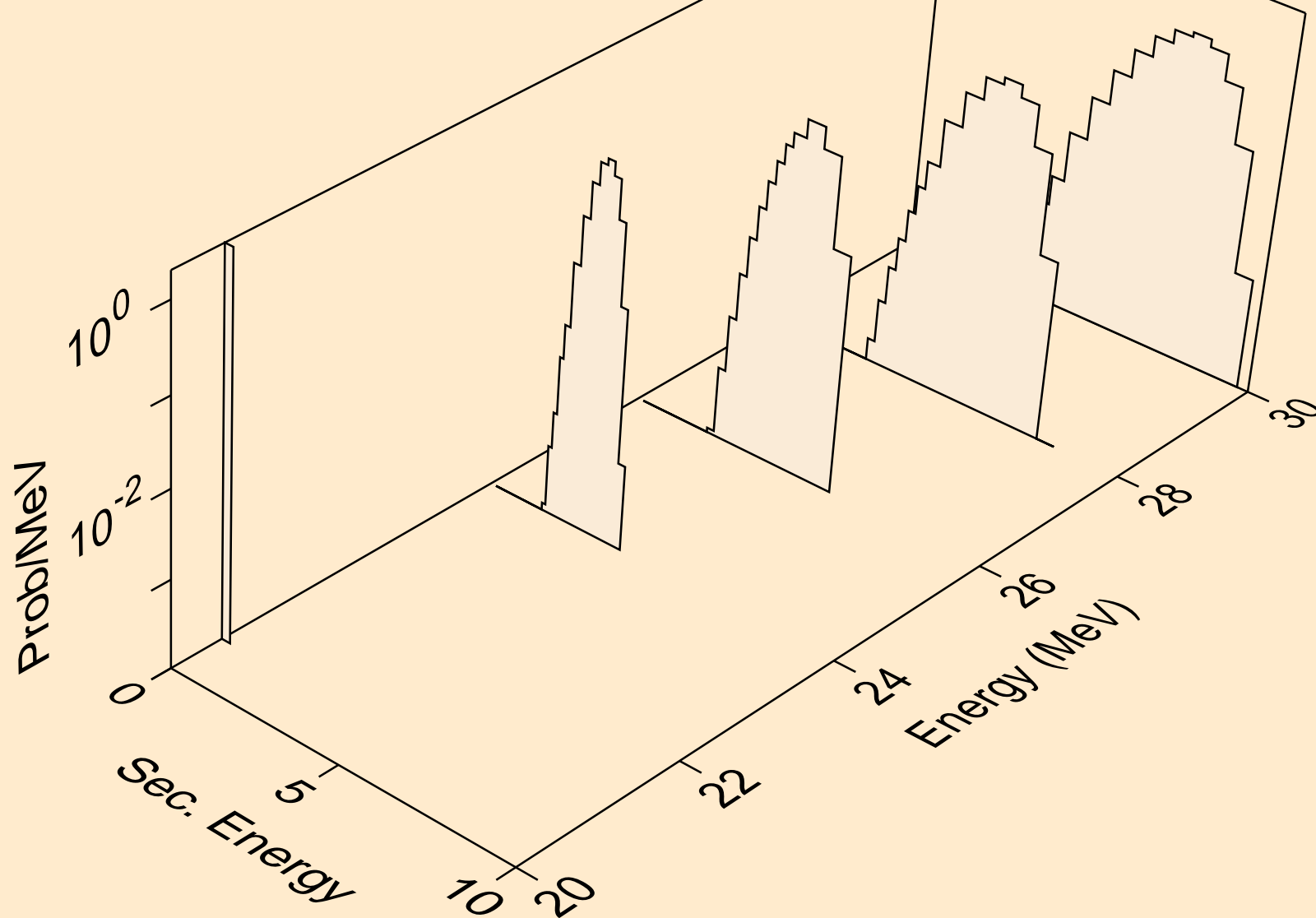
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



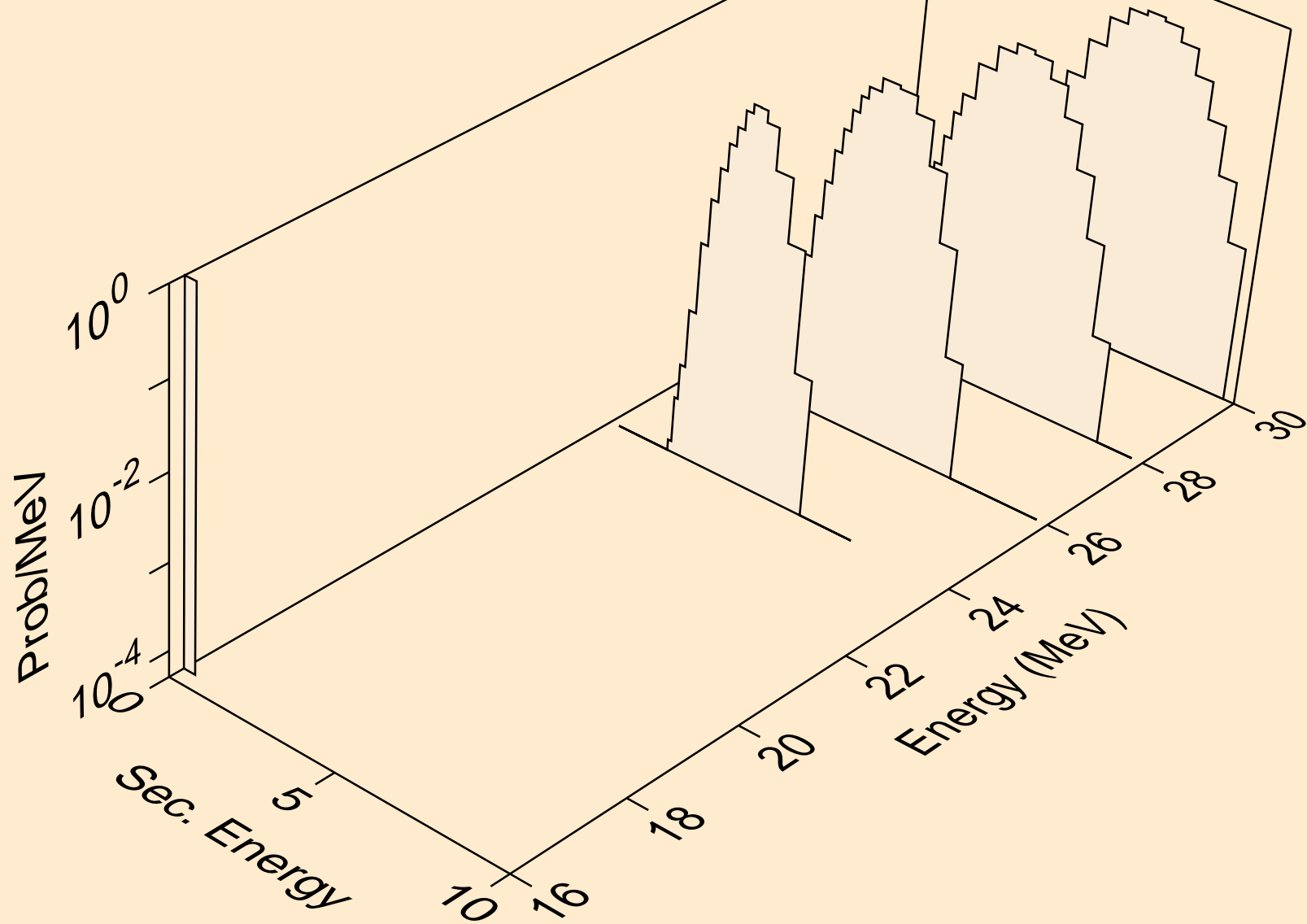
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

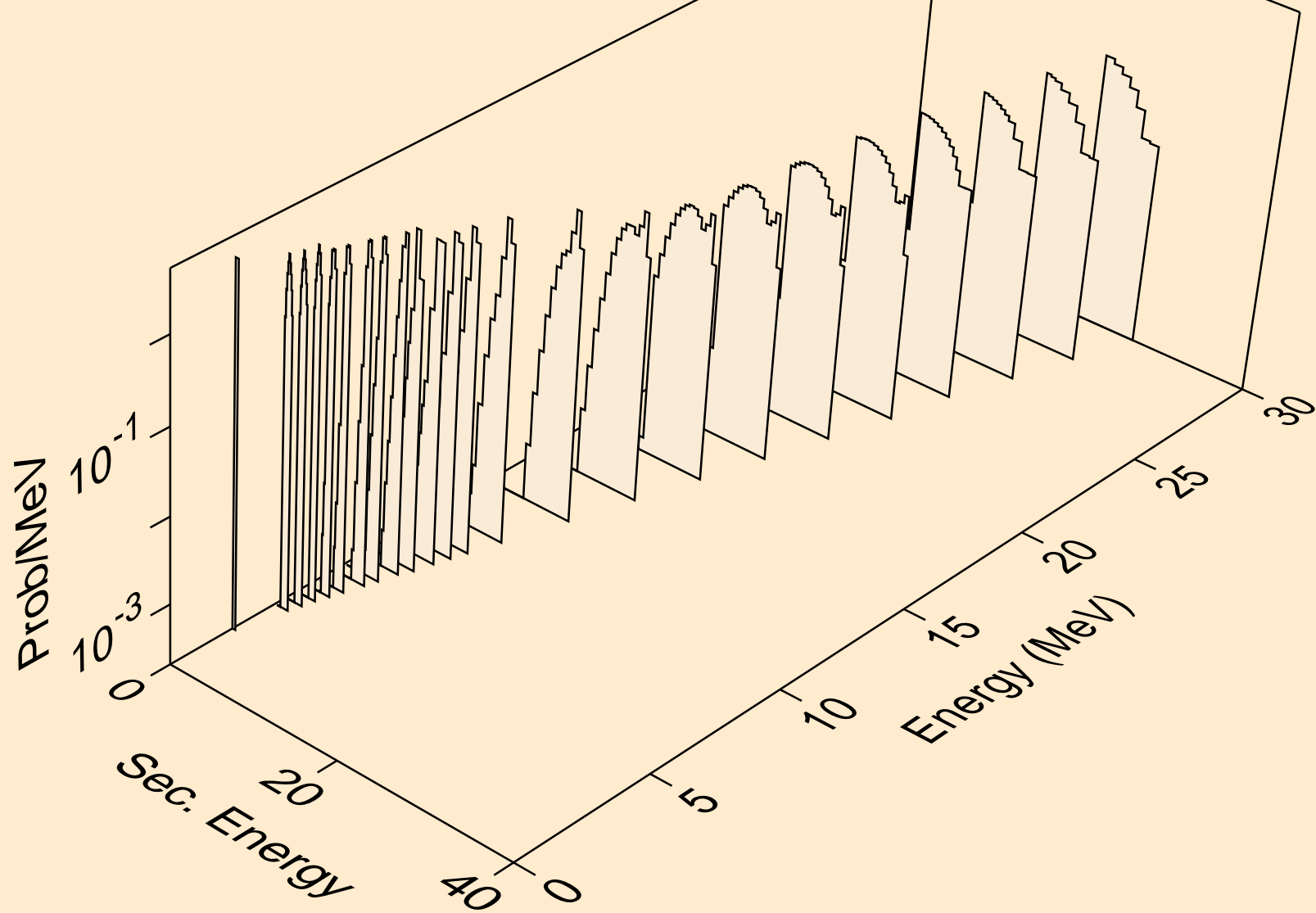


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

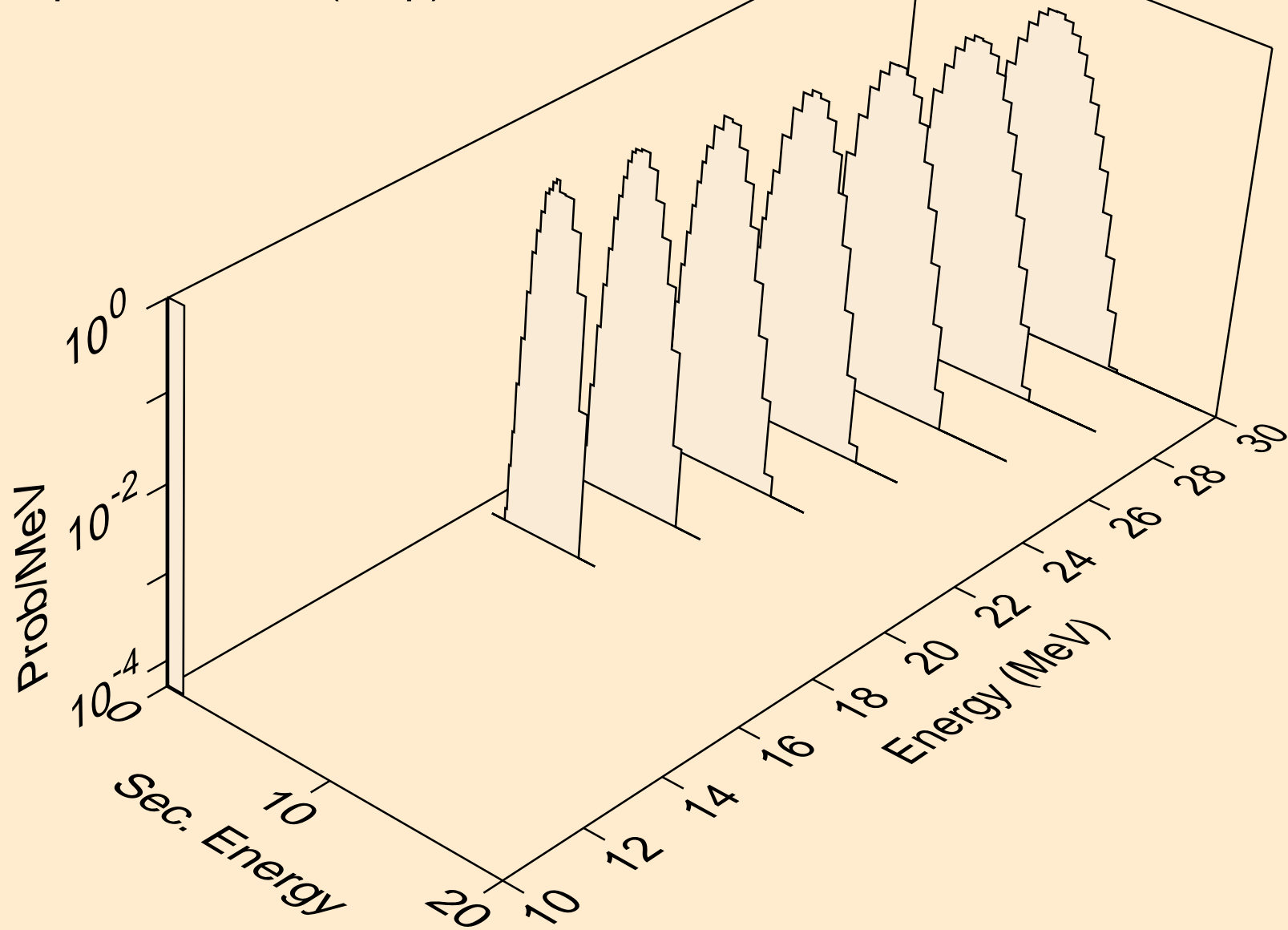




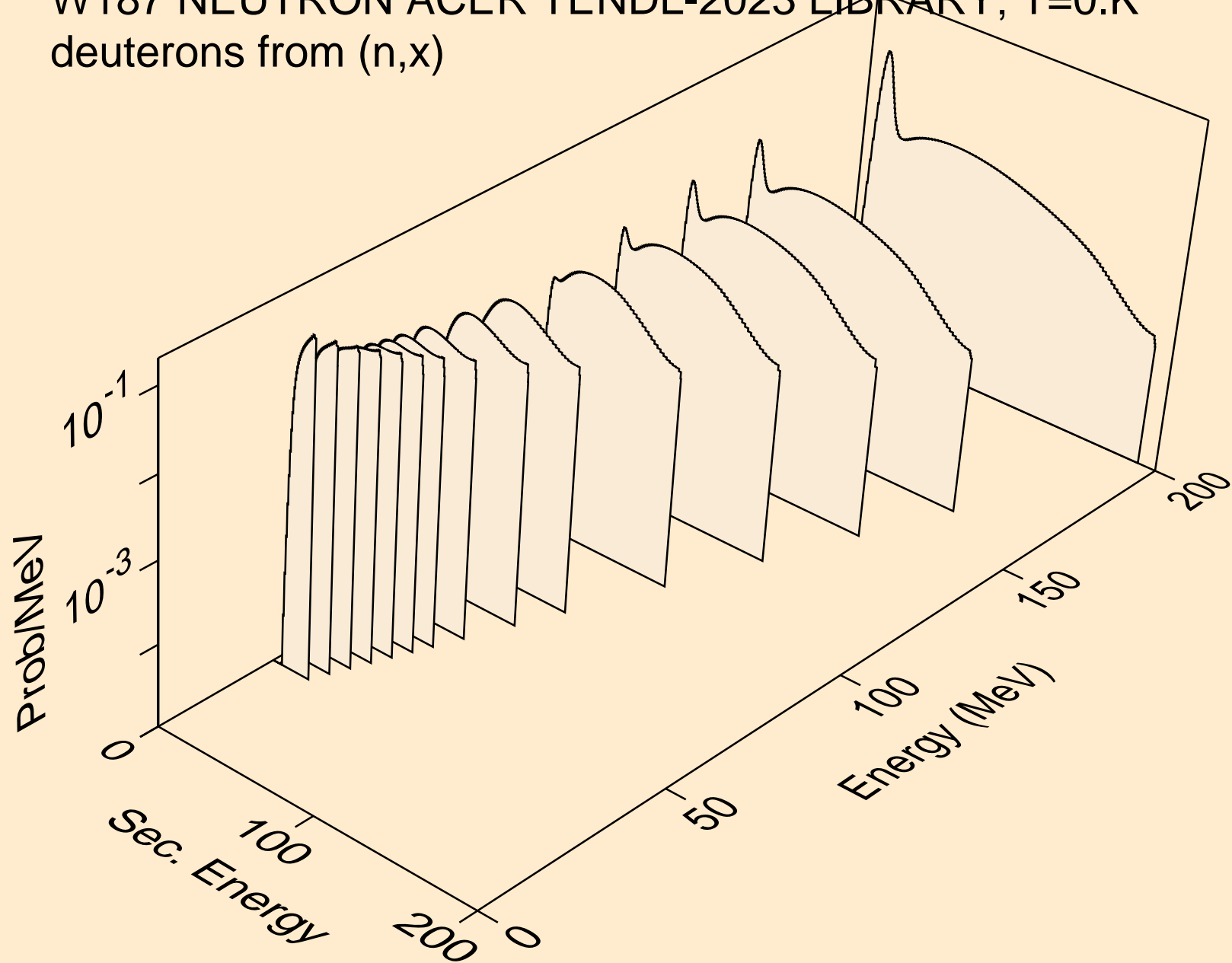
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protons from (n,p)



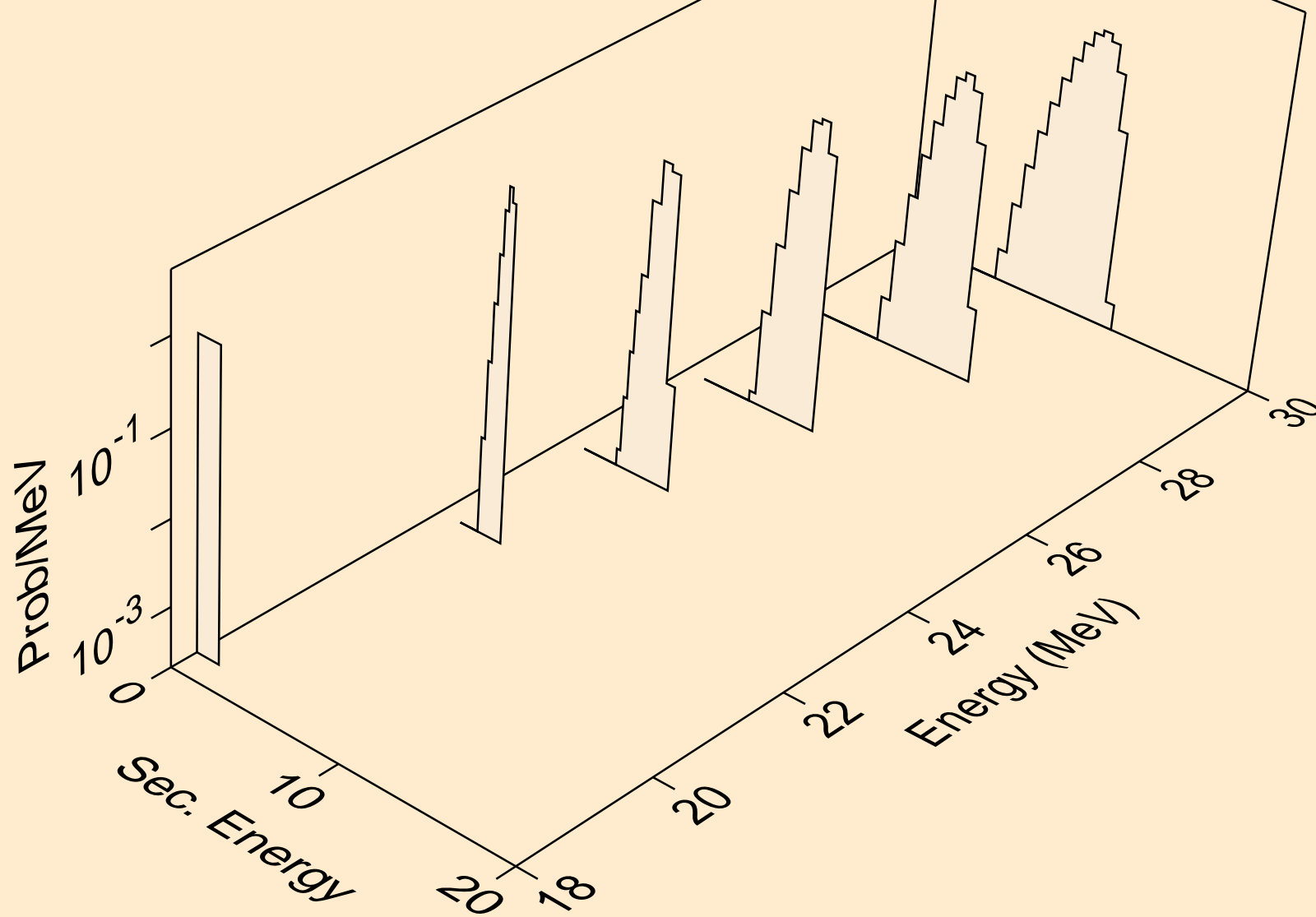
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protons from (n,2p)



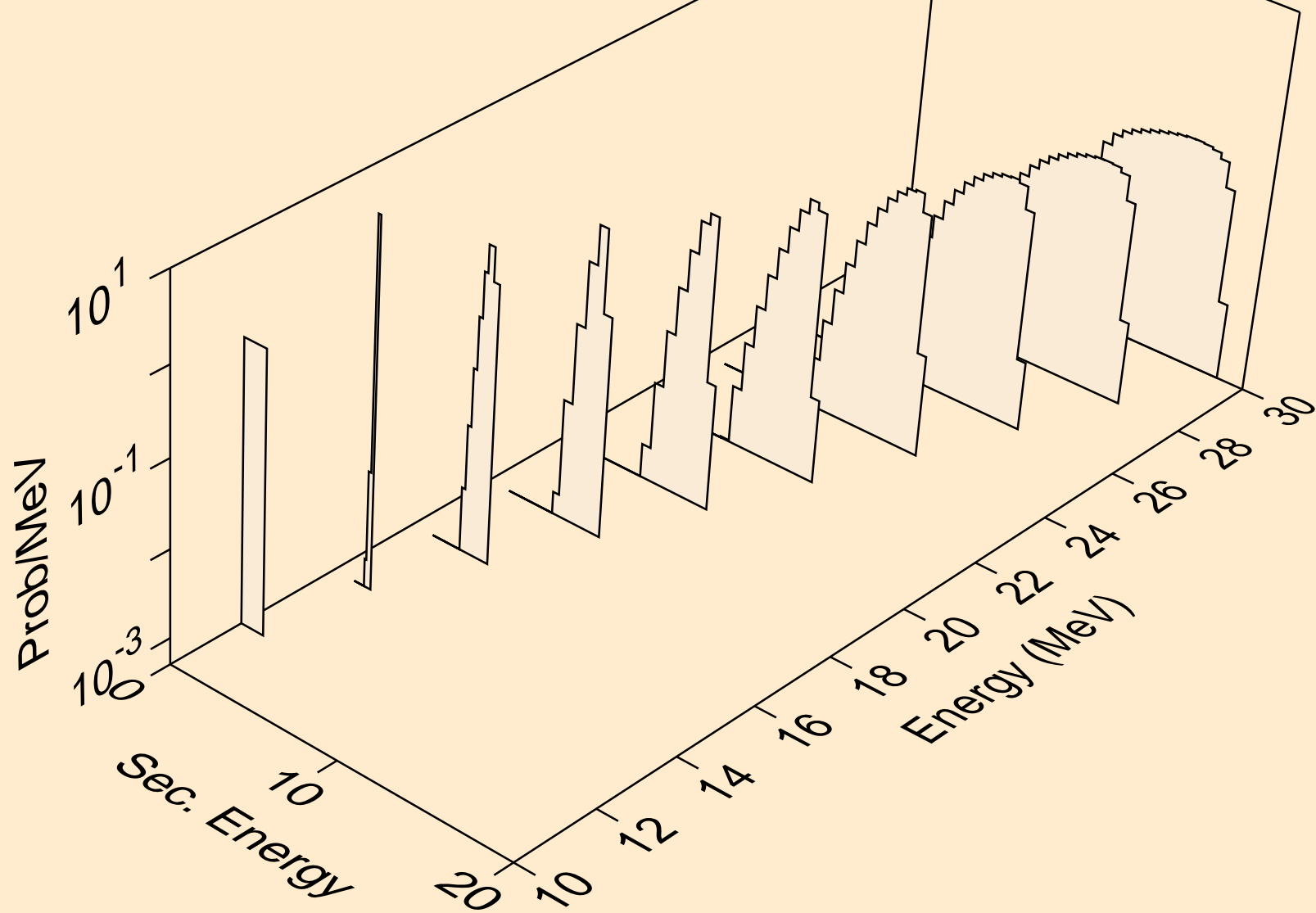
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deuterons from (n,x)



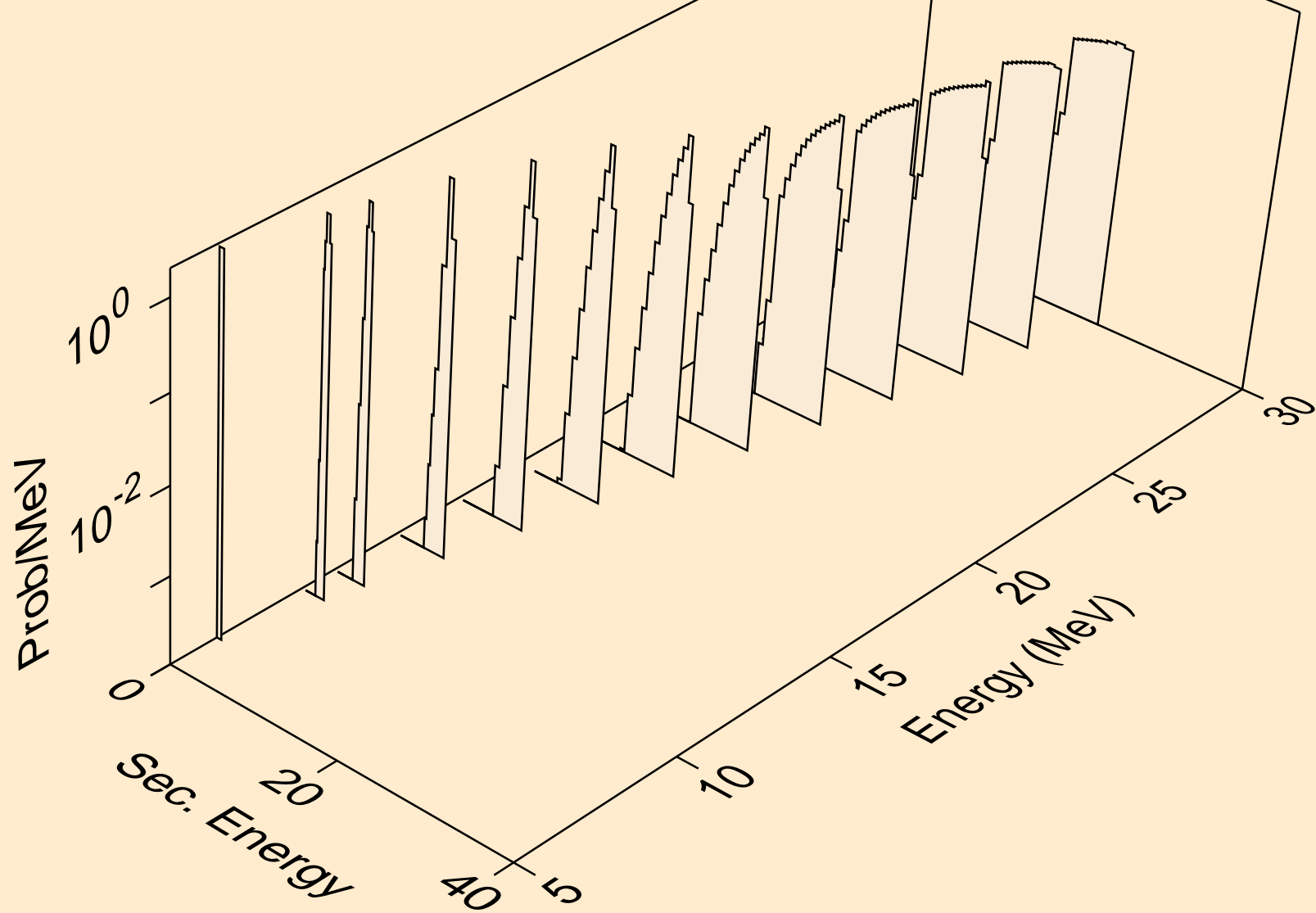
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deuterons from (n,2nd)



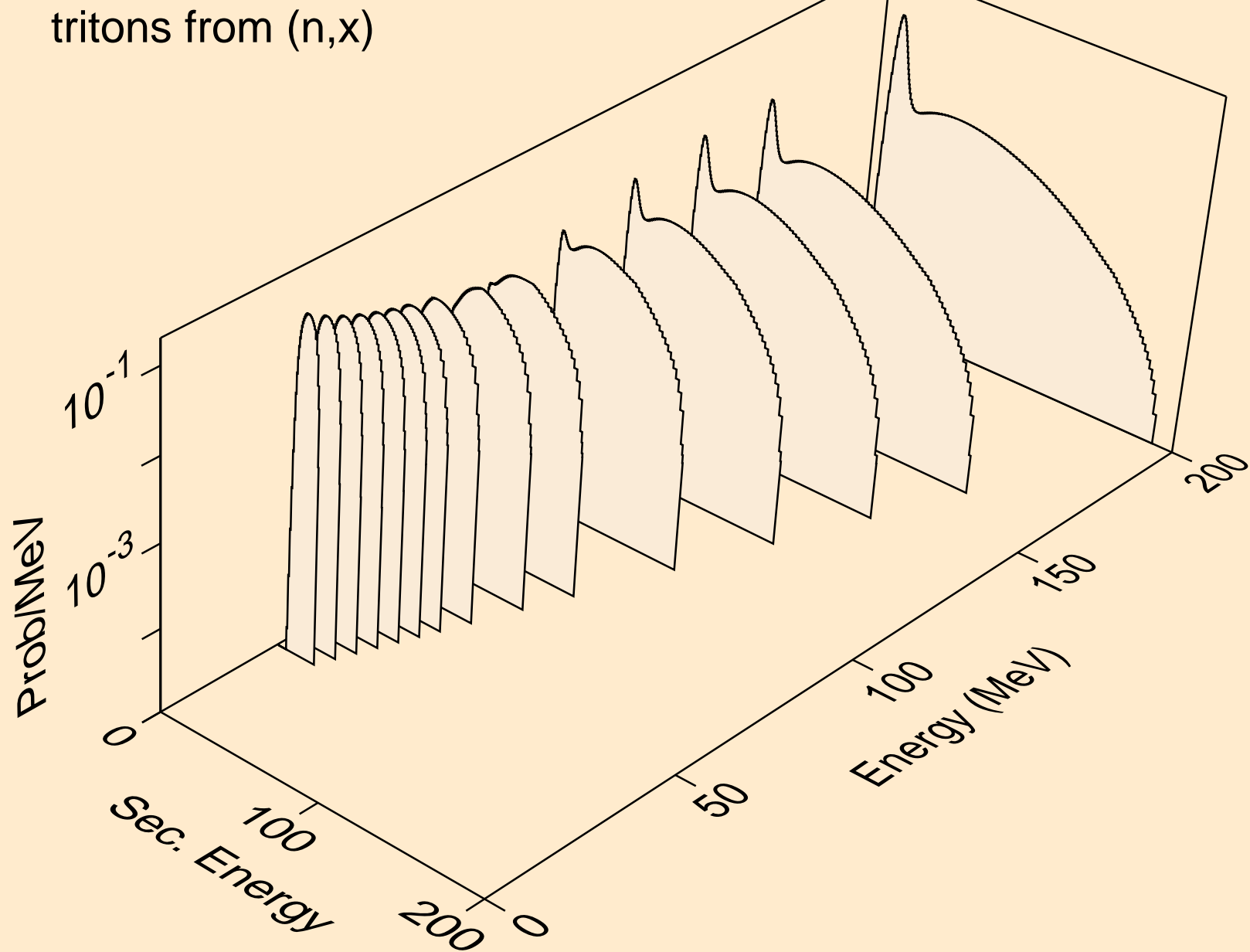
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deuterons from (n,n\*)d



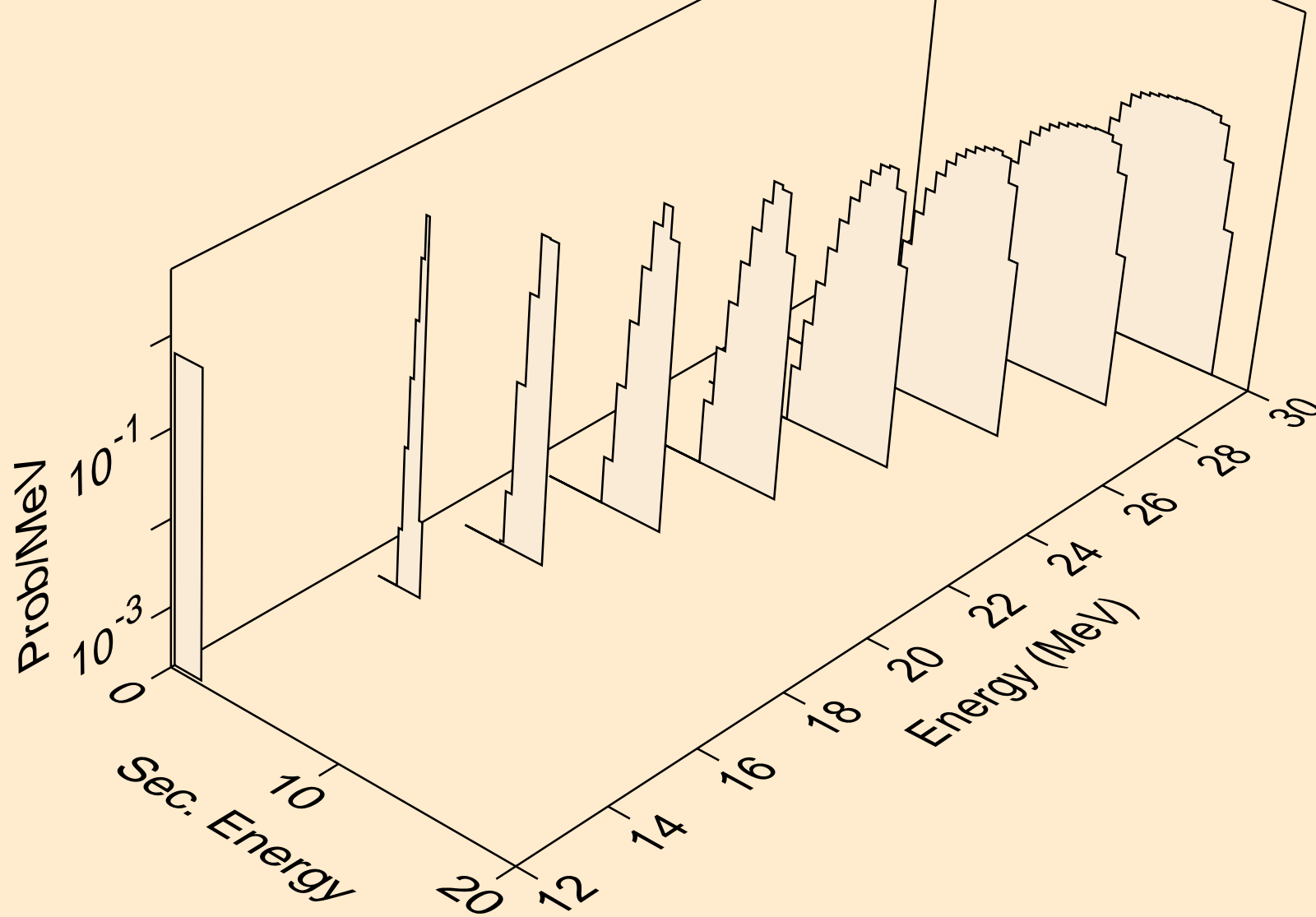
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

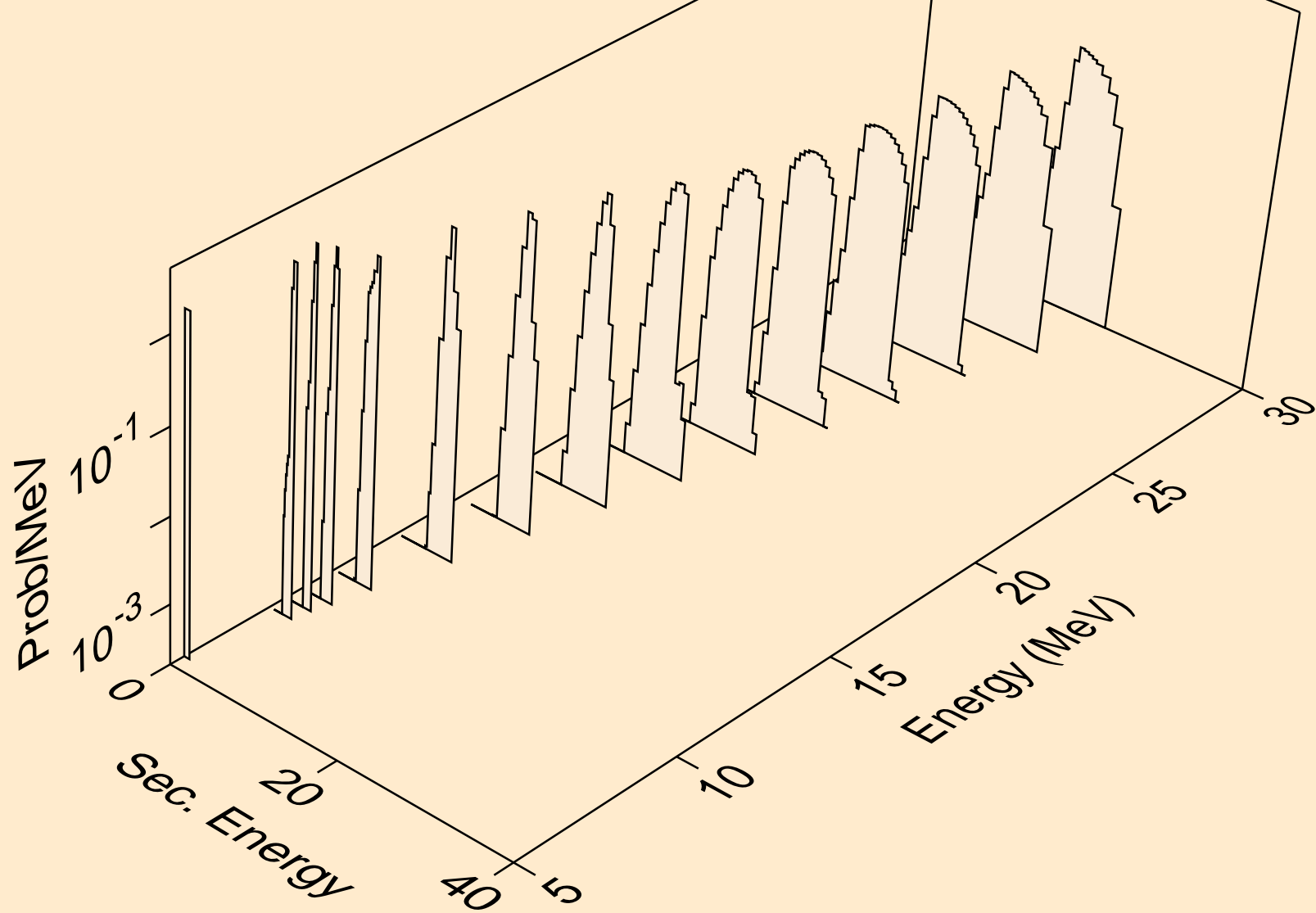


W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

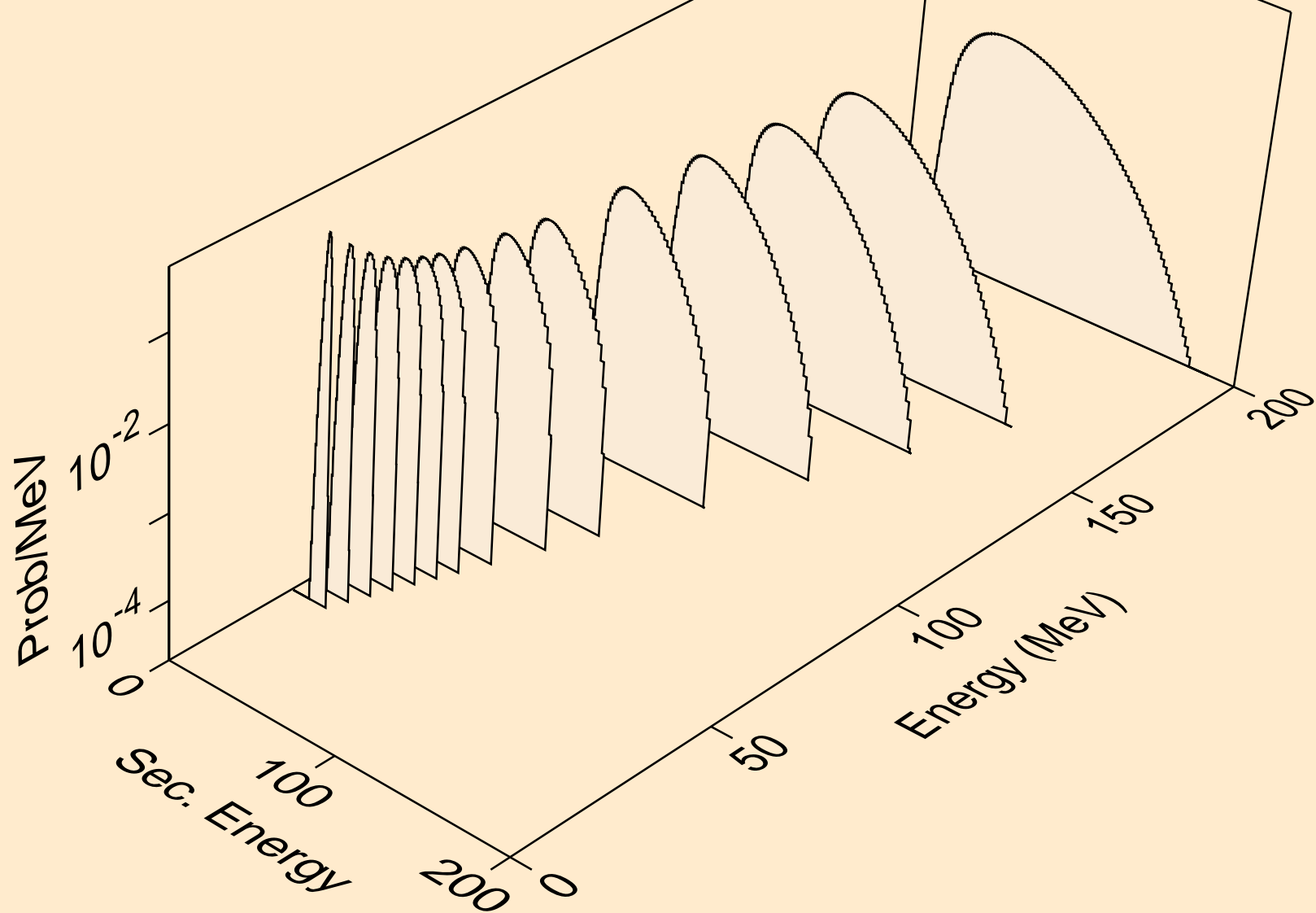




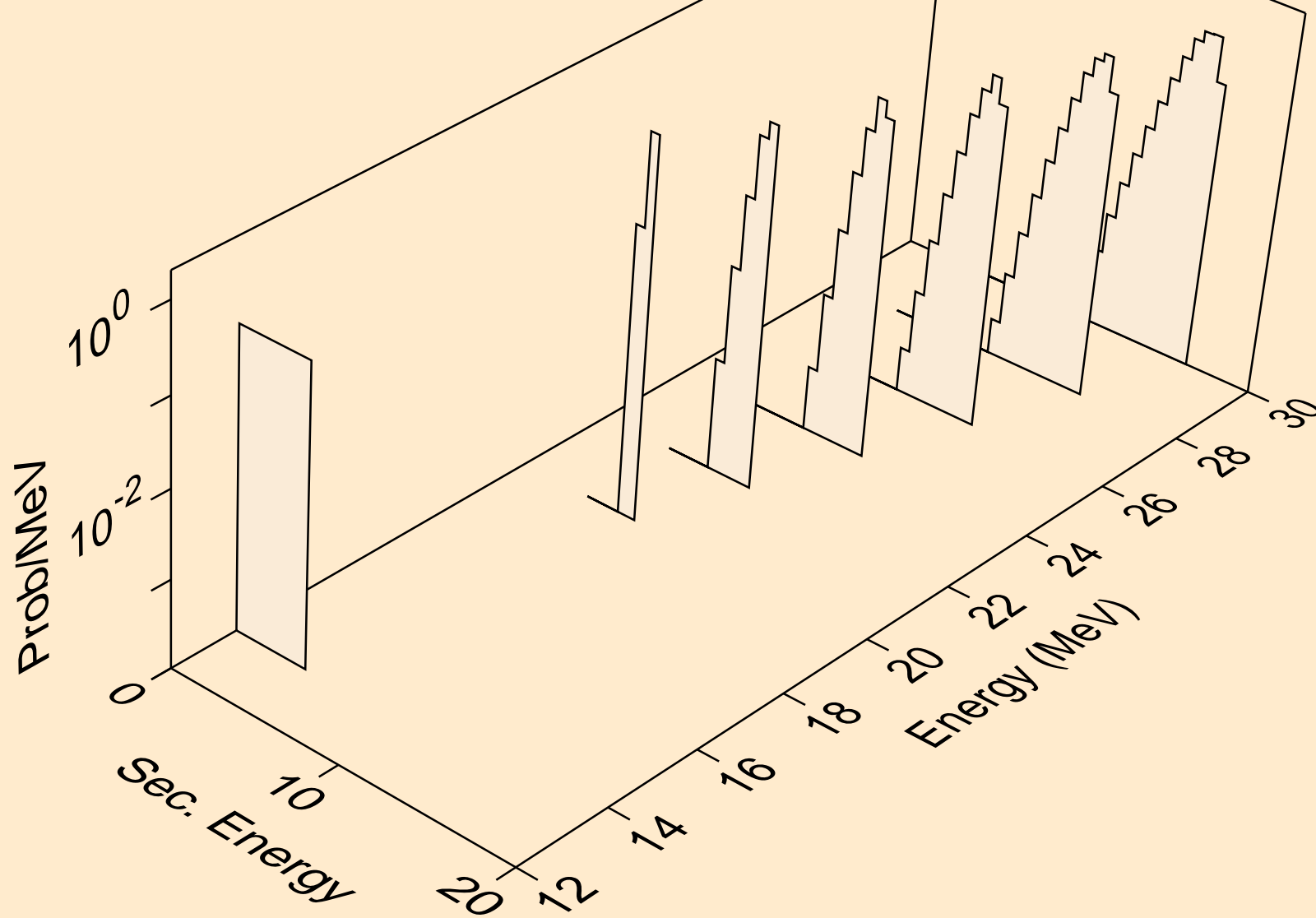
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tritons from (n,t)



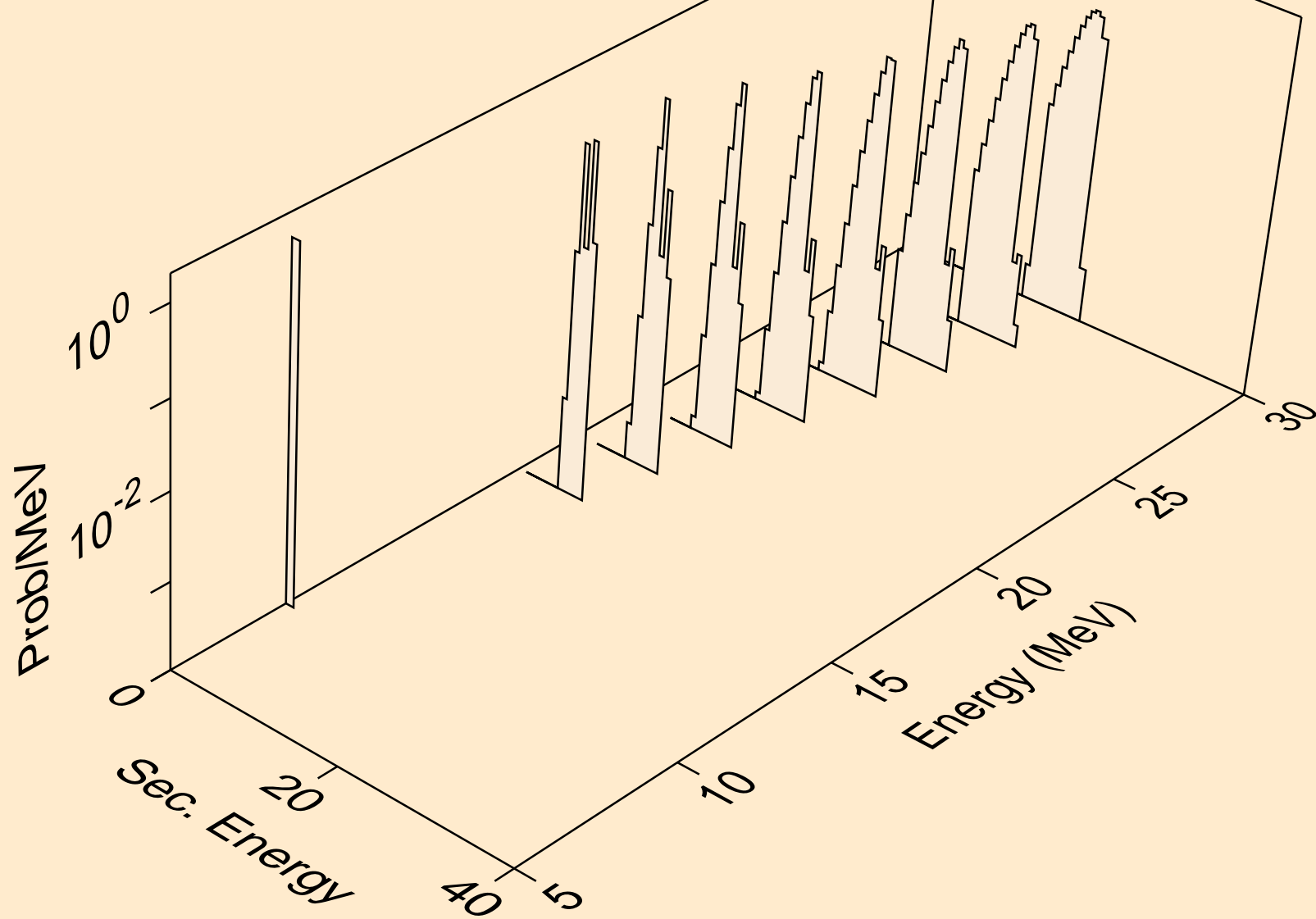
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he3s from (n,x)



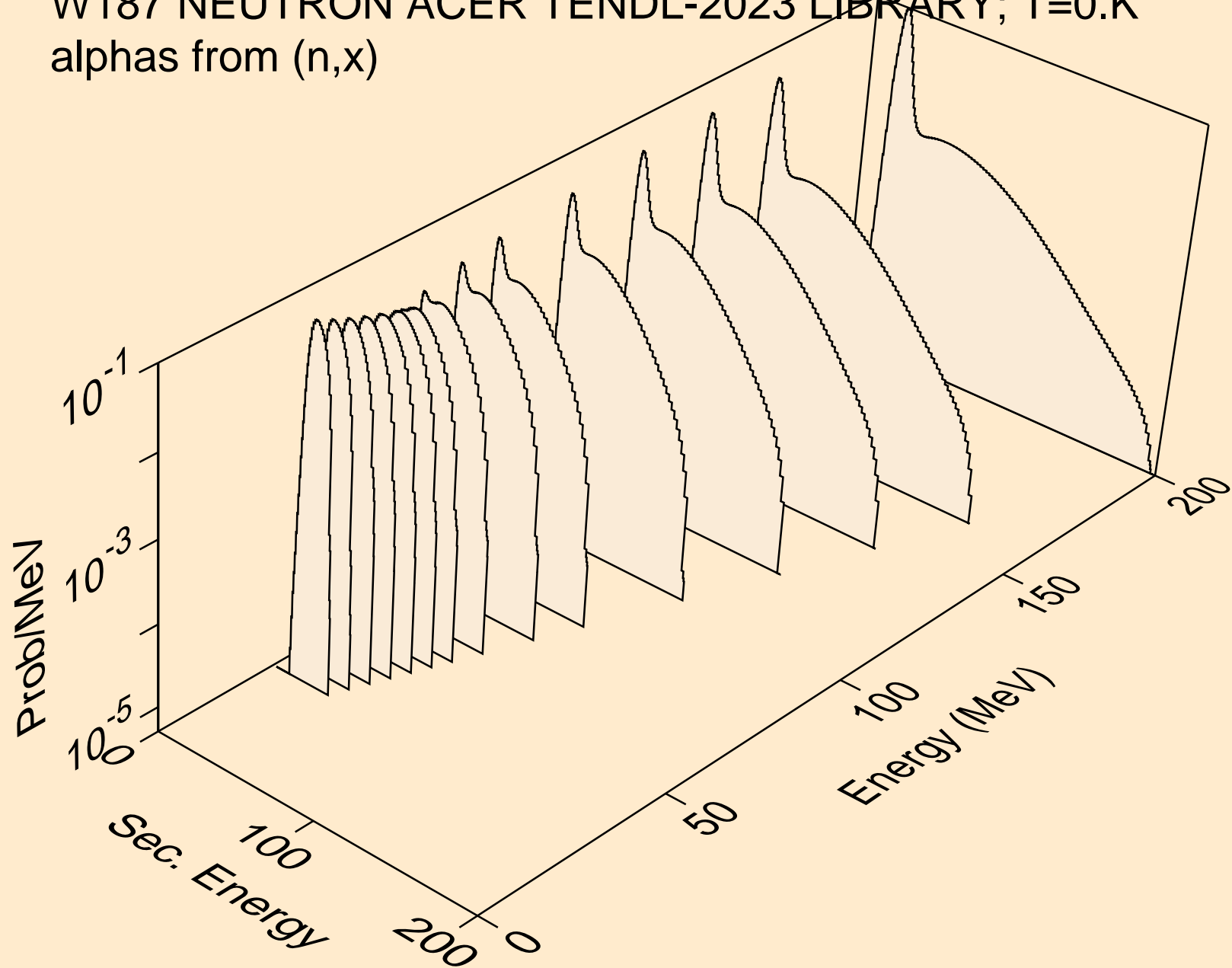
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he3s from (n,n\*)he3



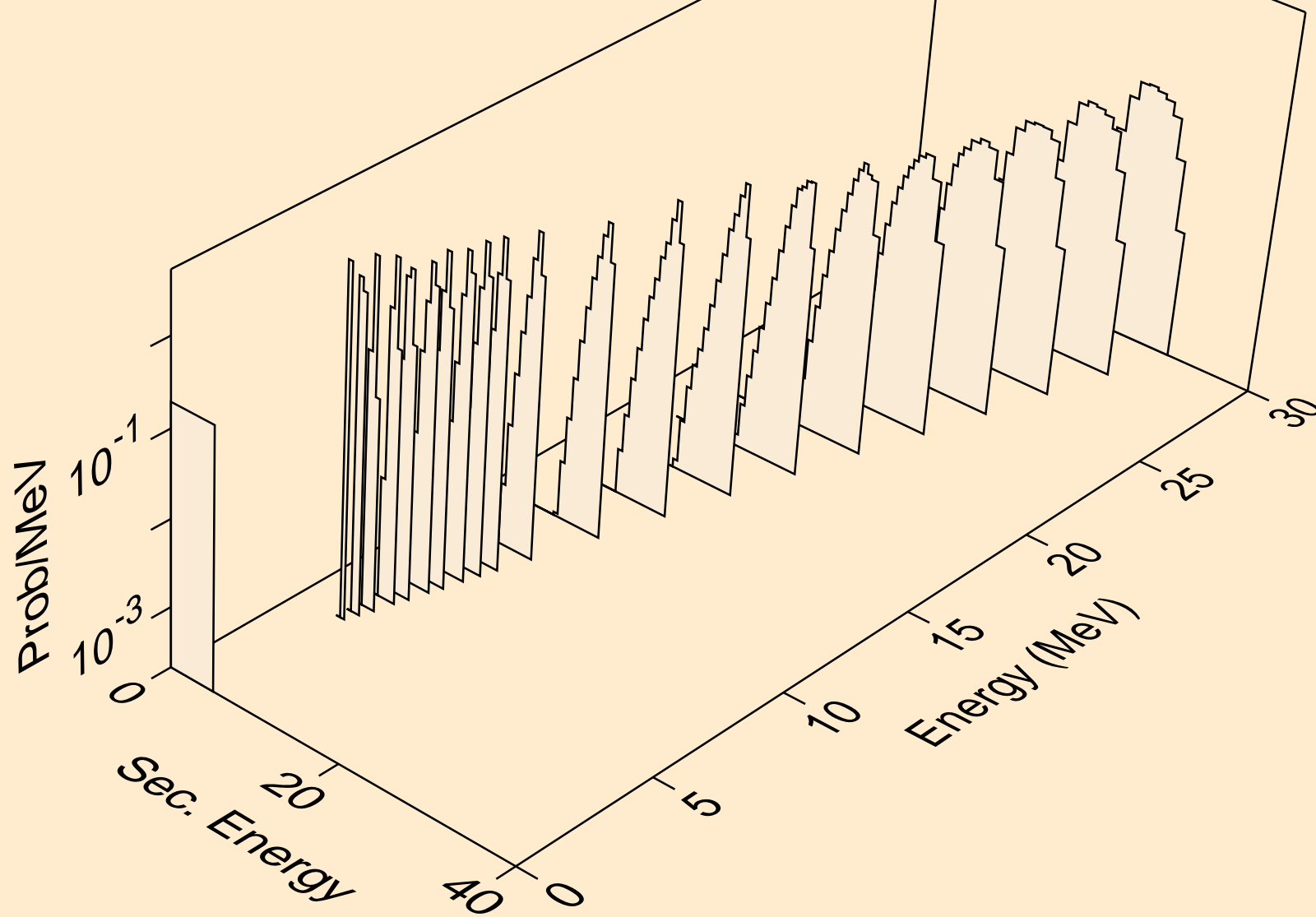
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he3s from (n,he3)



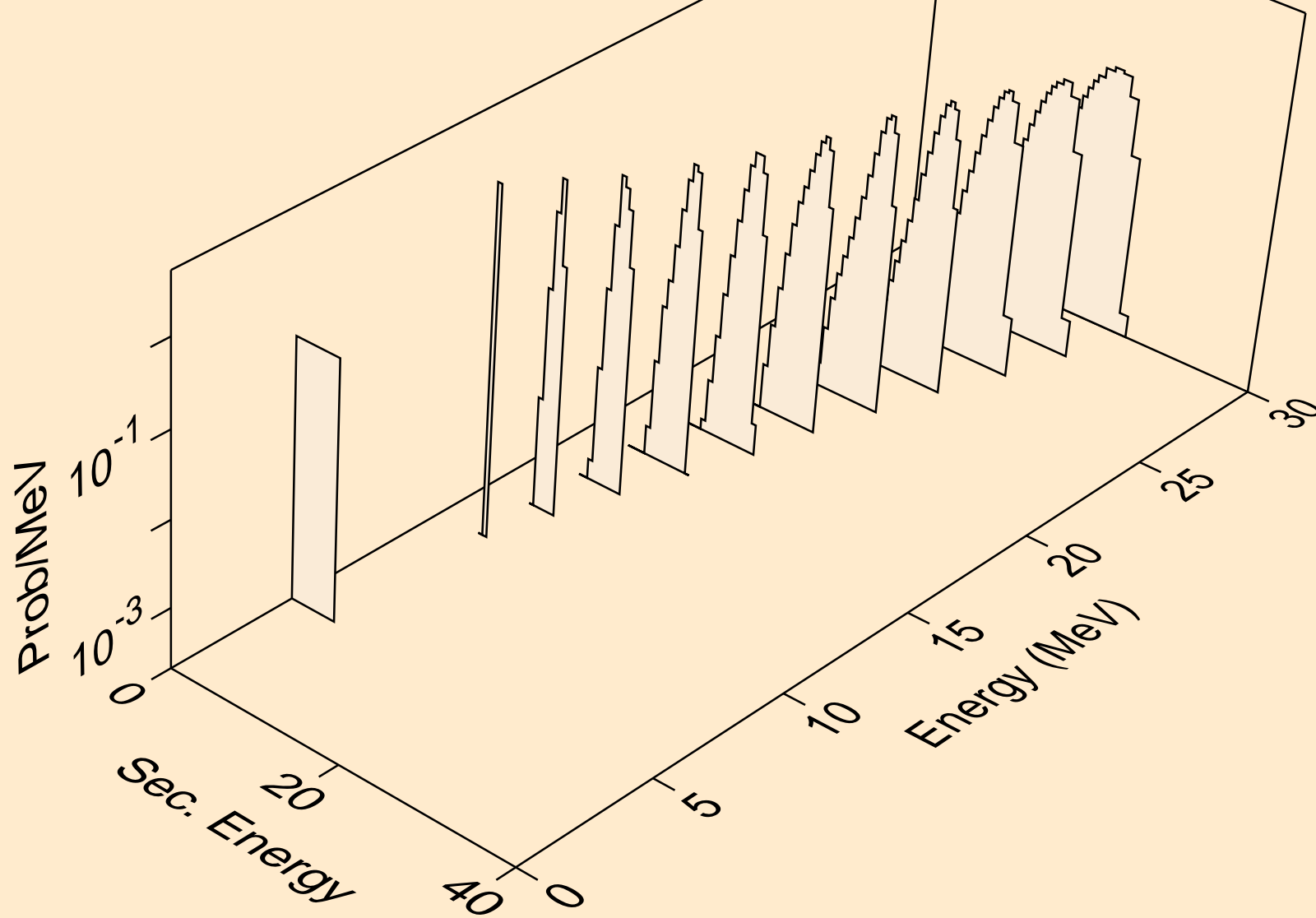
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



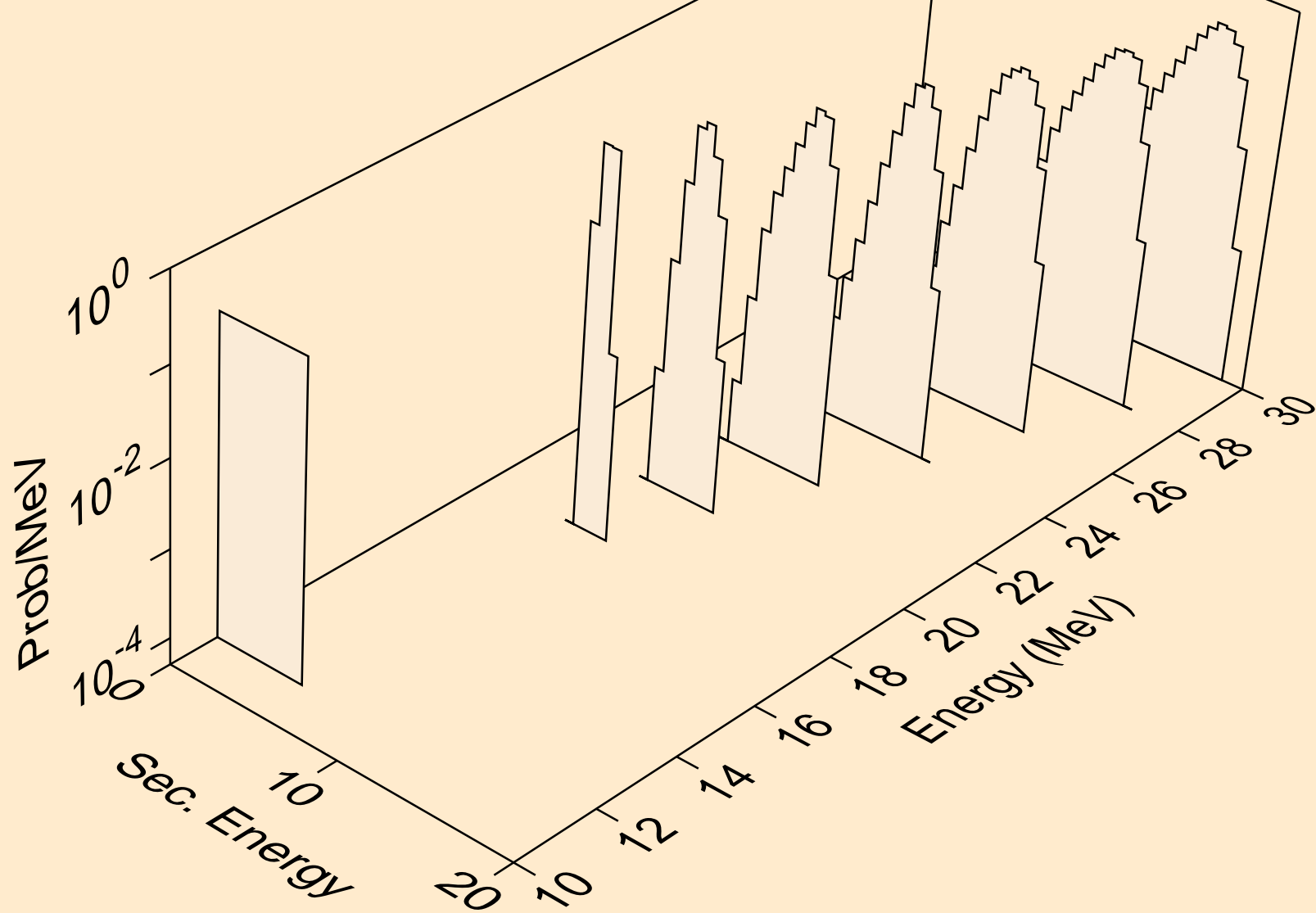
W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a





W187 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

