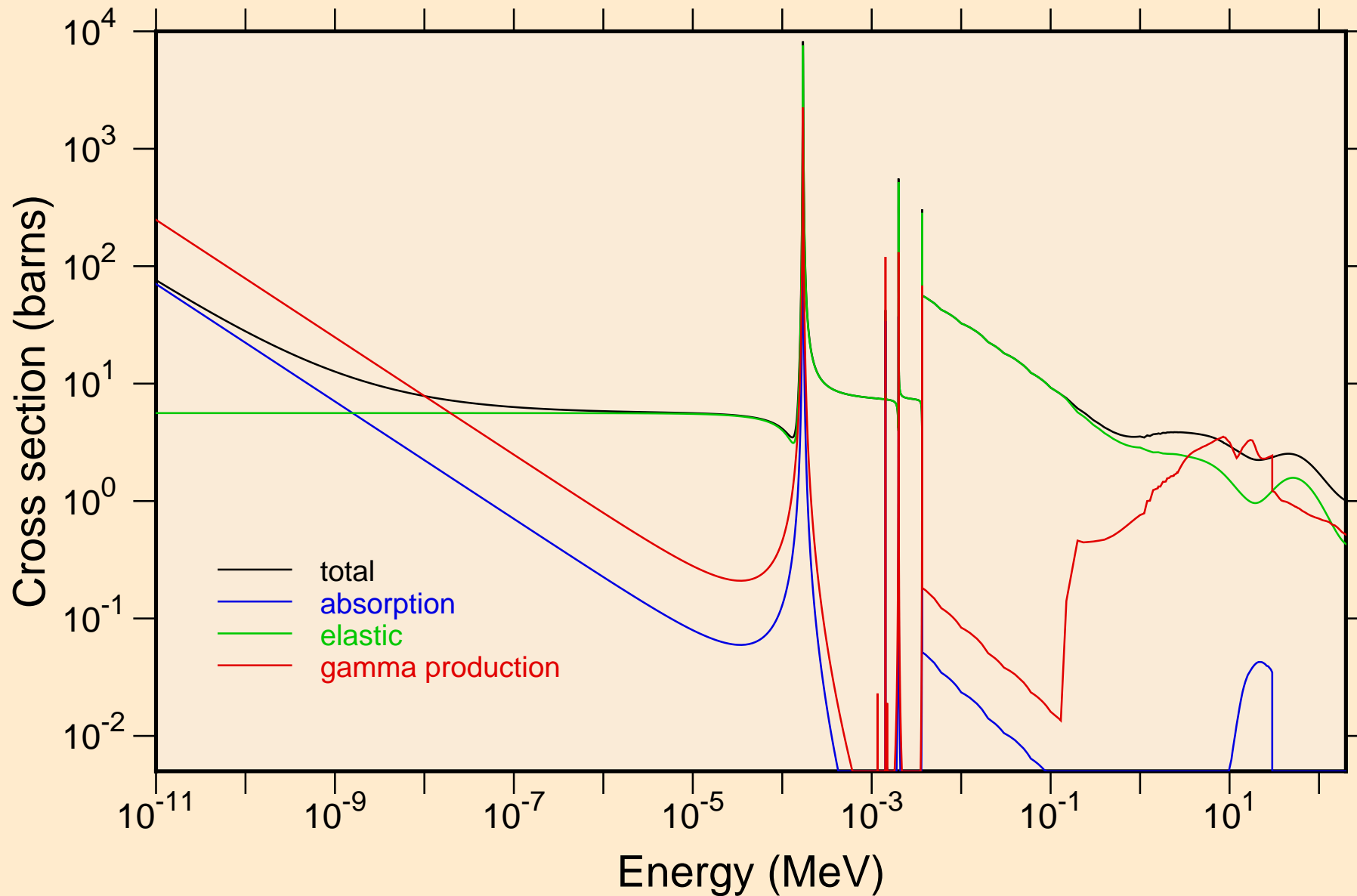
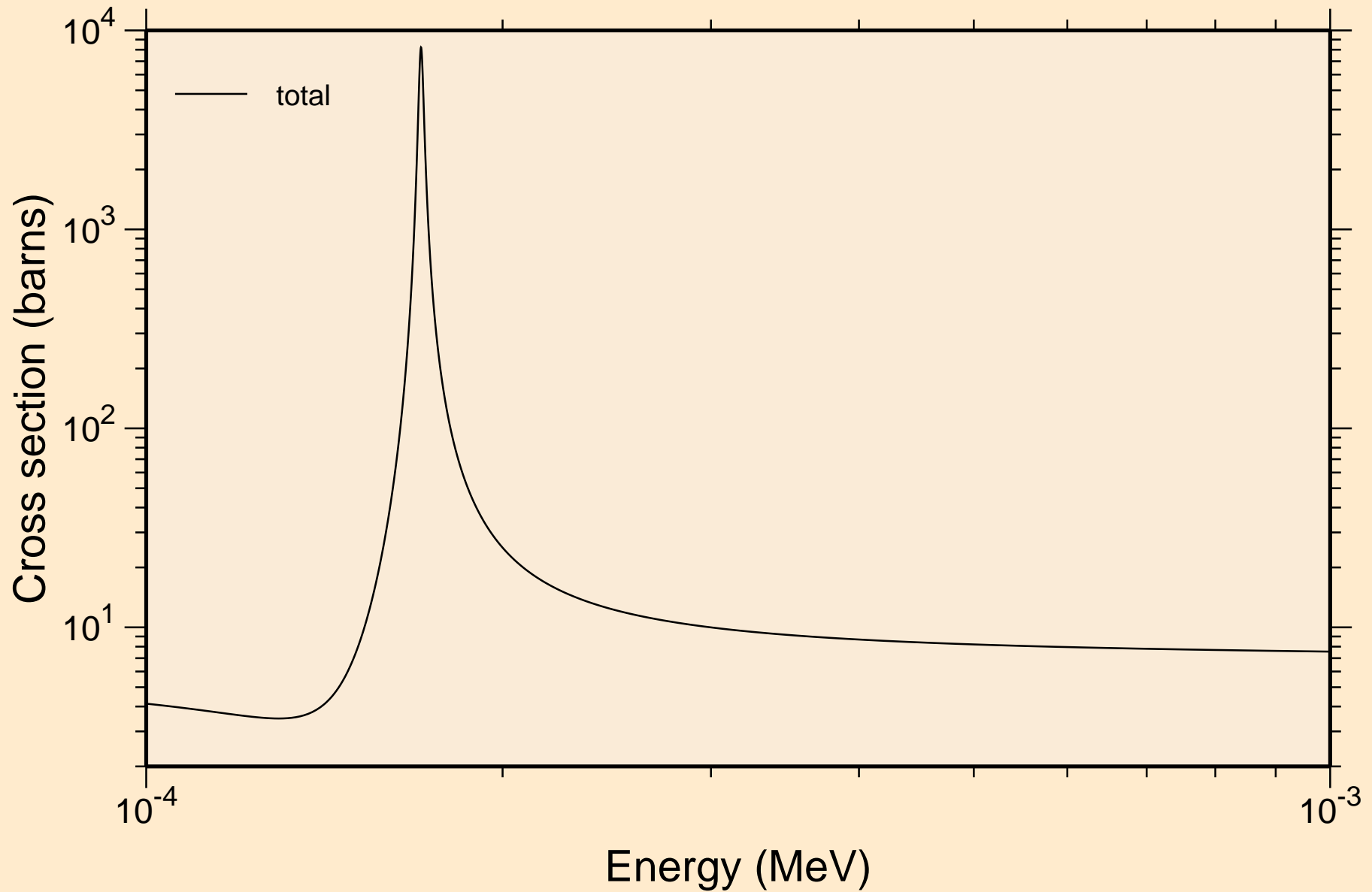


# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

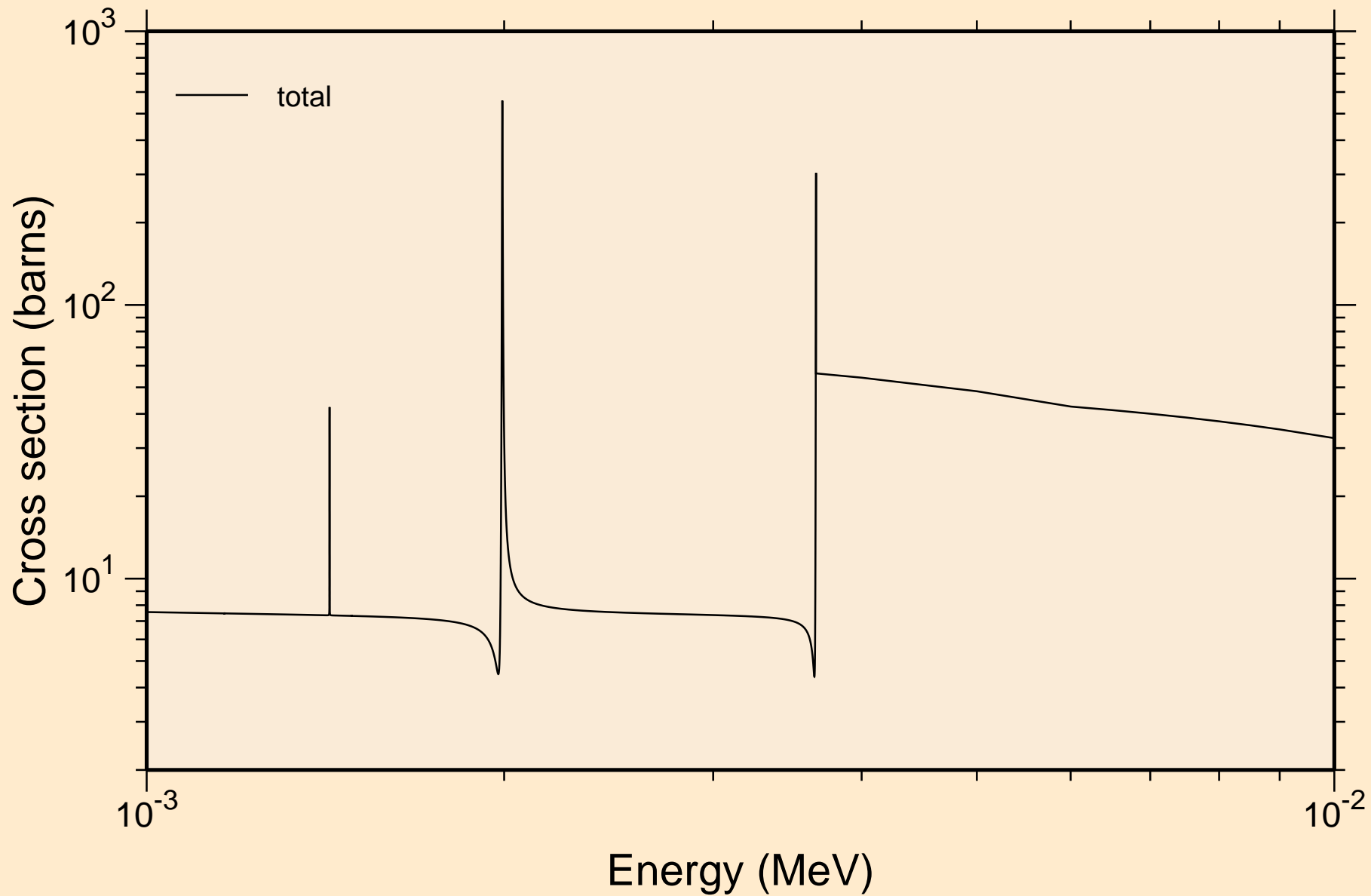
## Principal cross sections



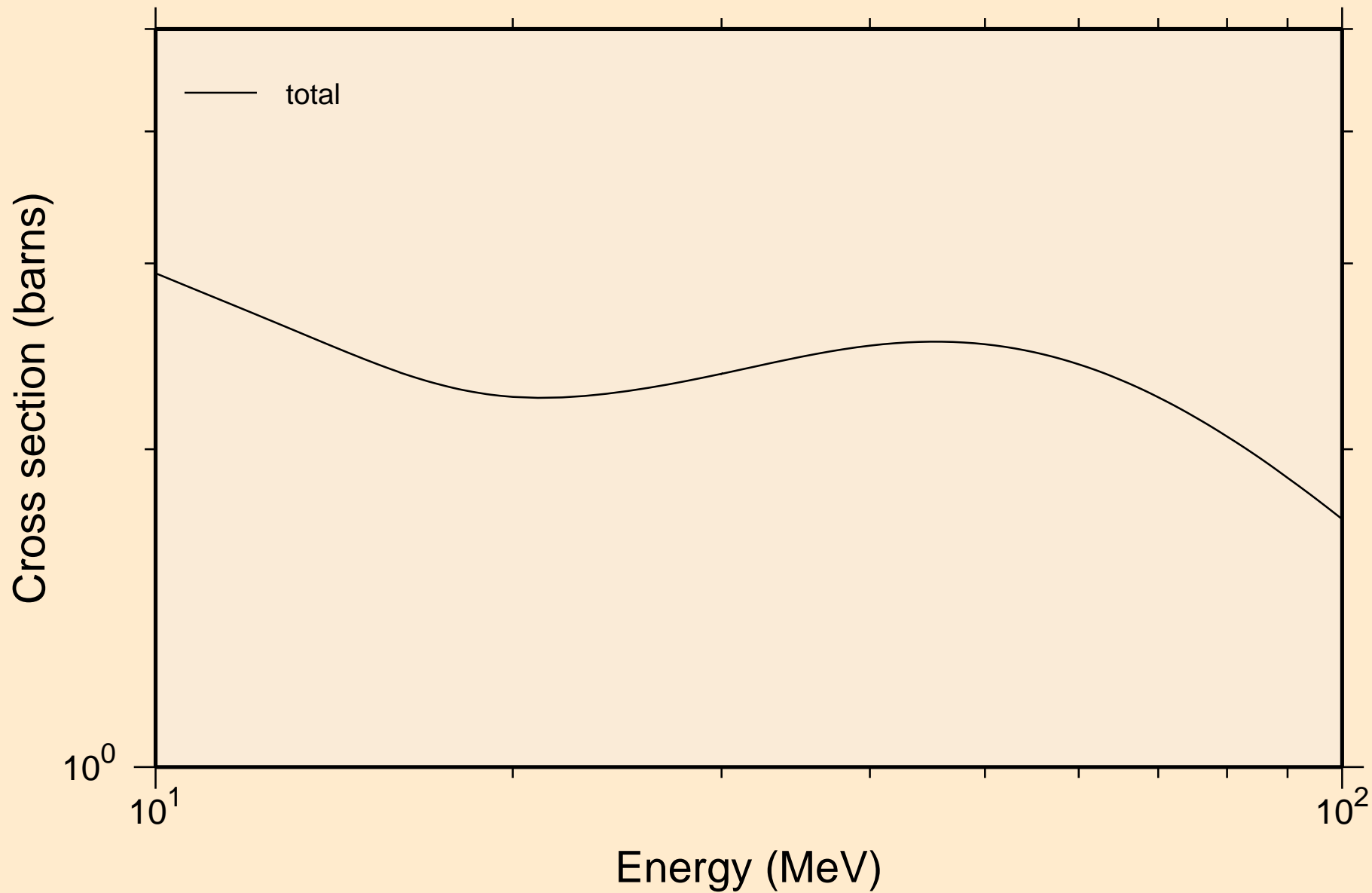
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



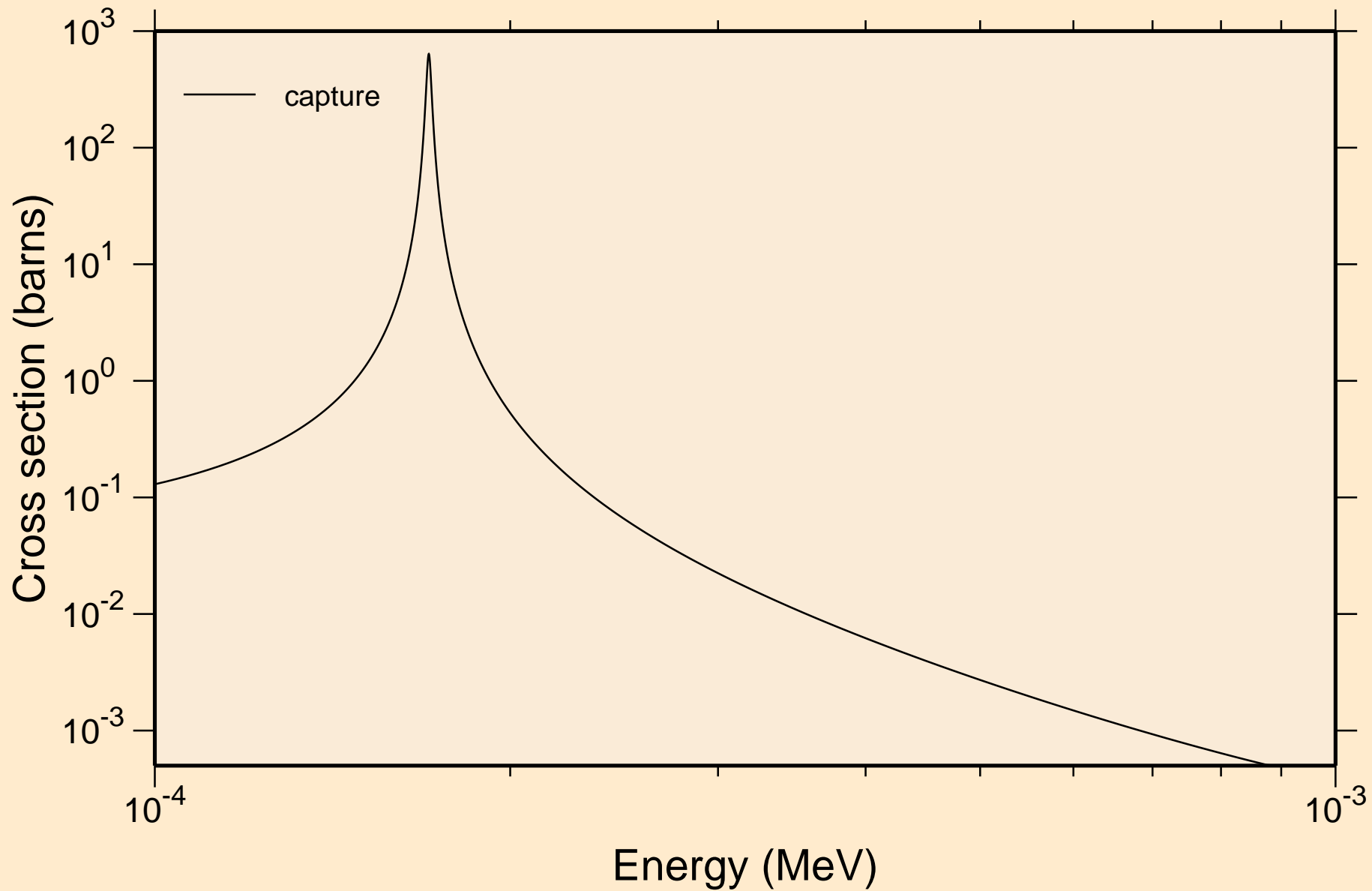
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



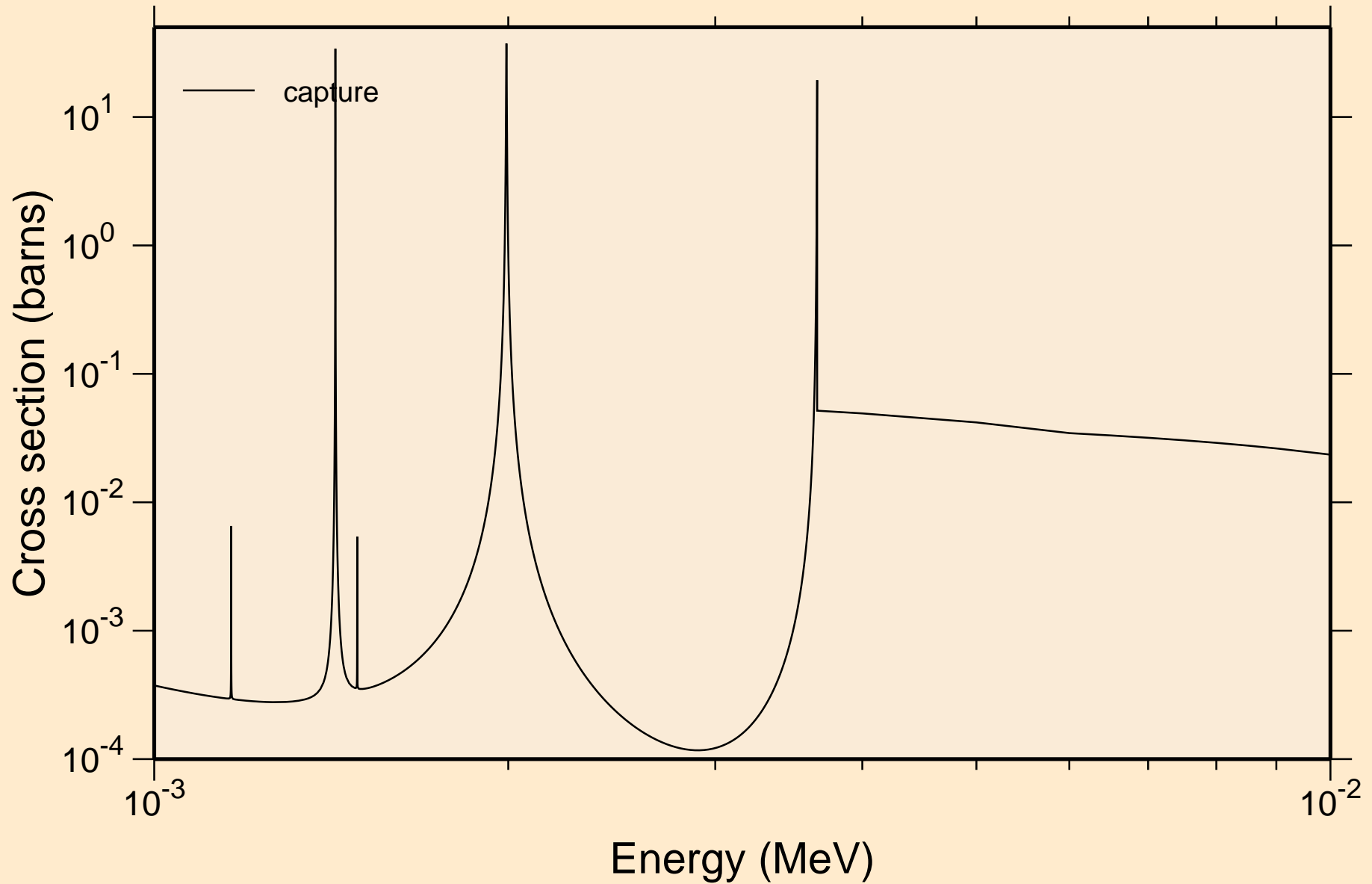
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



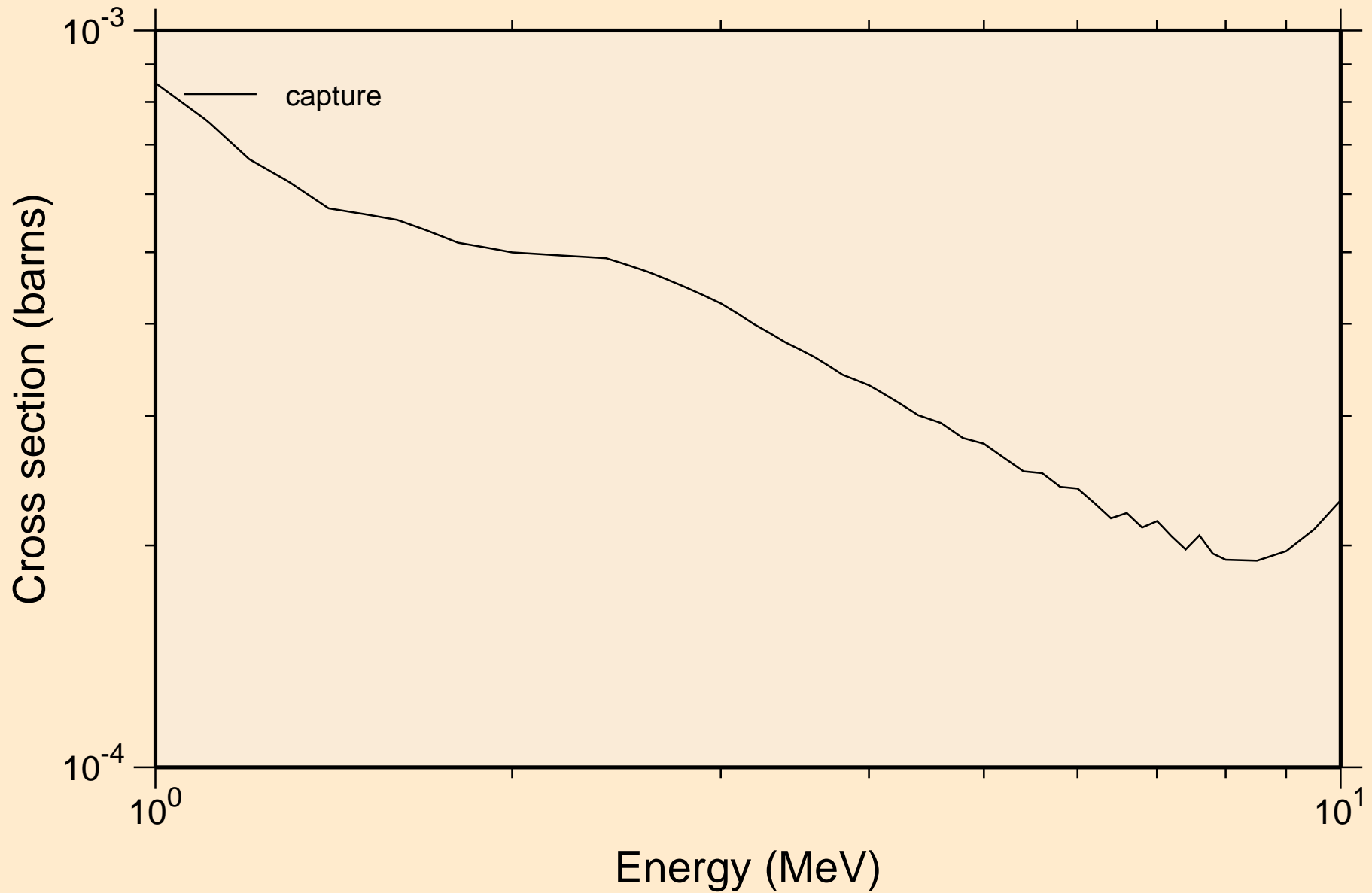
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

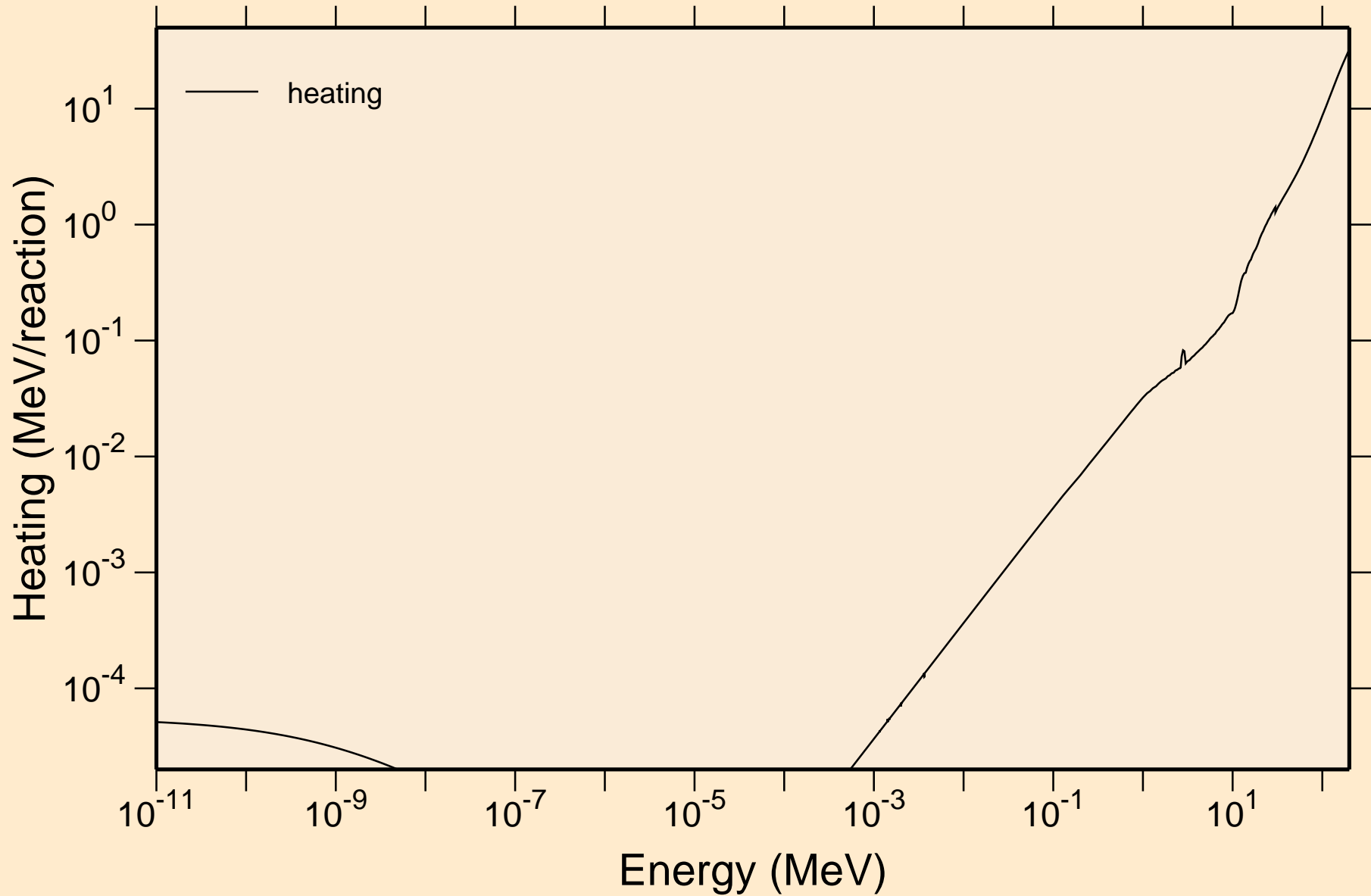


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



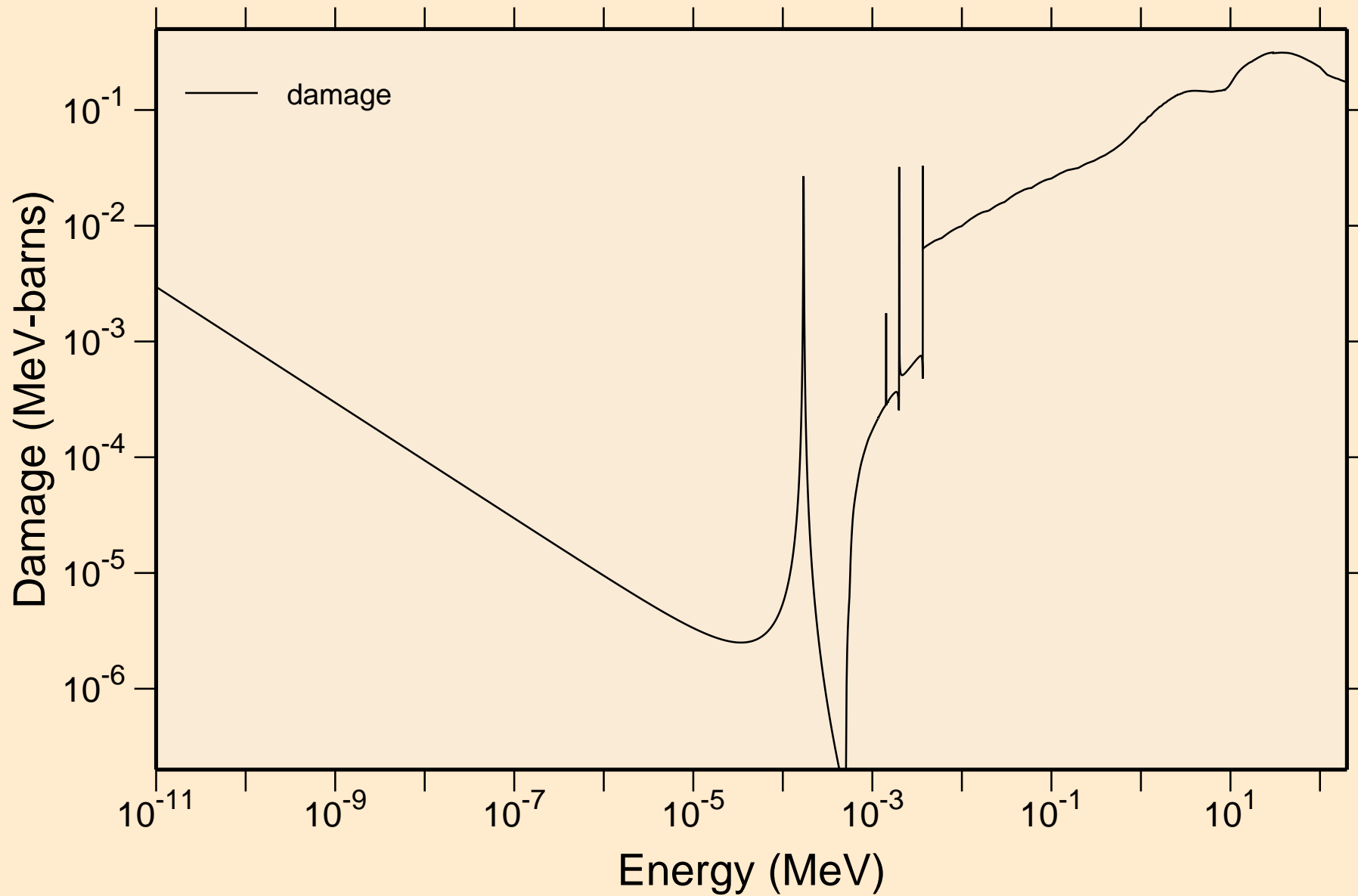
# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

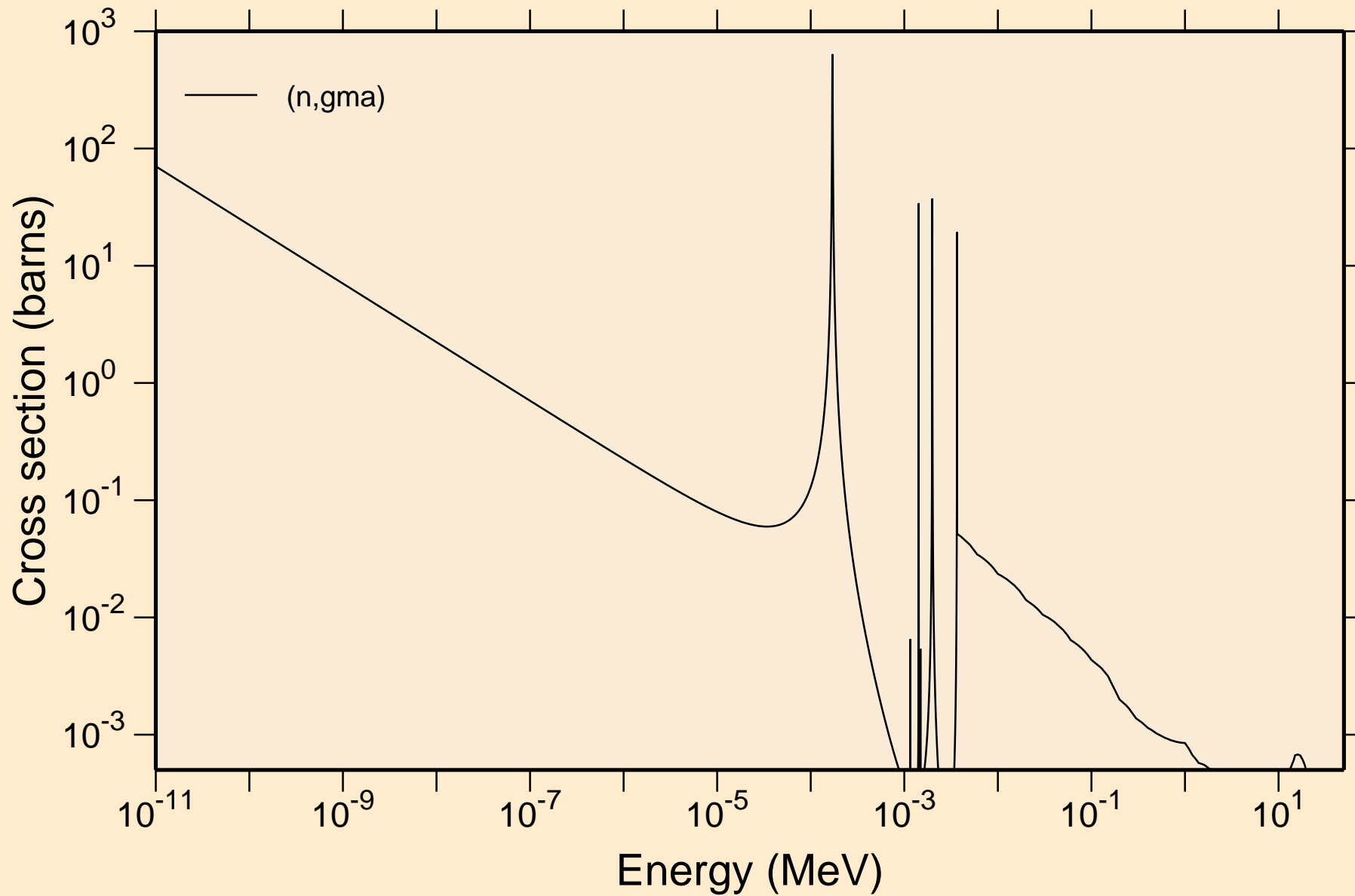




V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

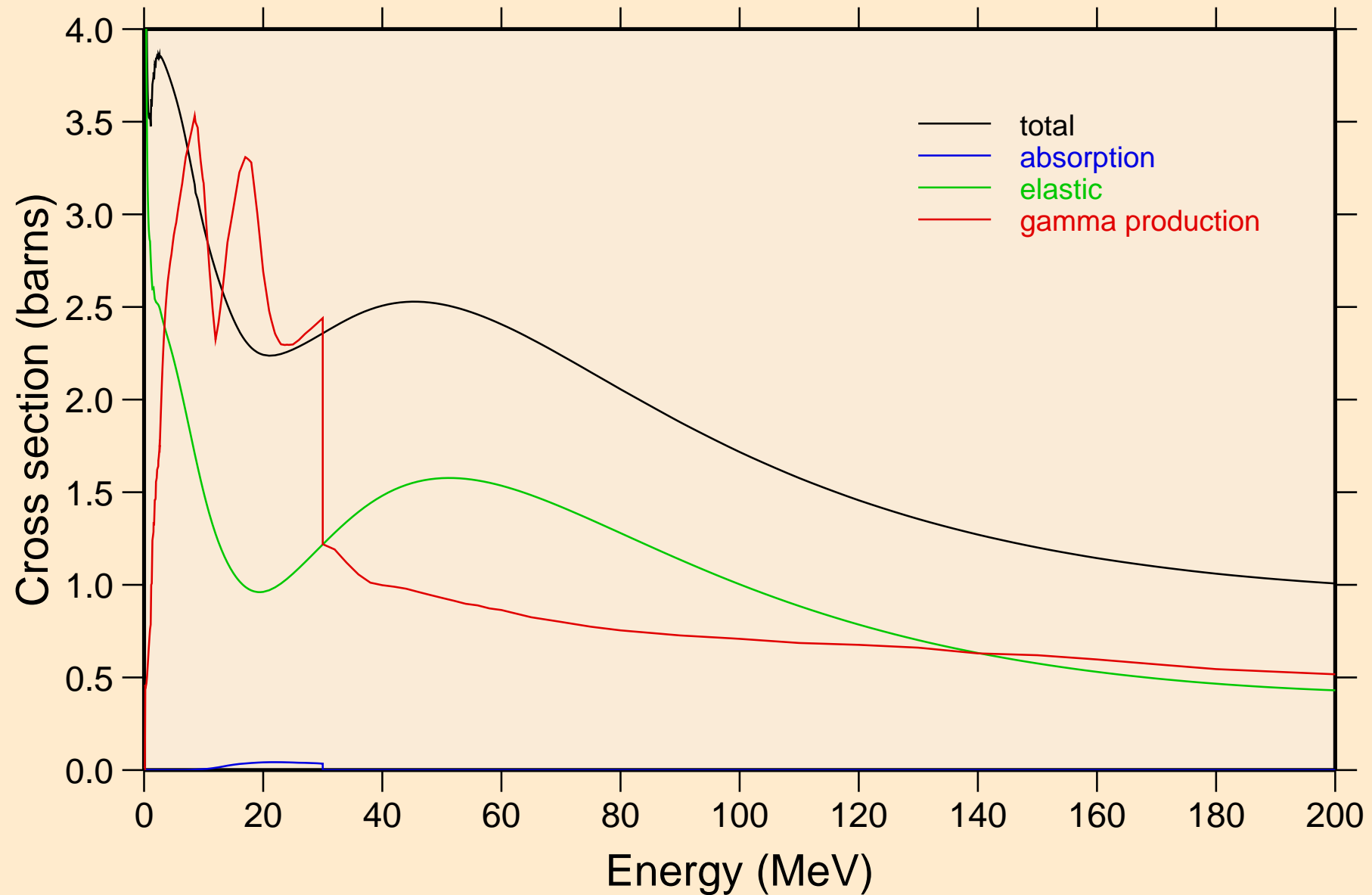


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



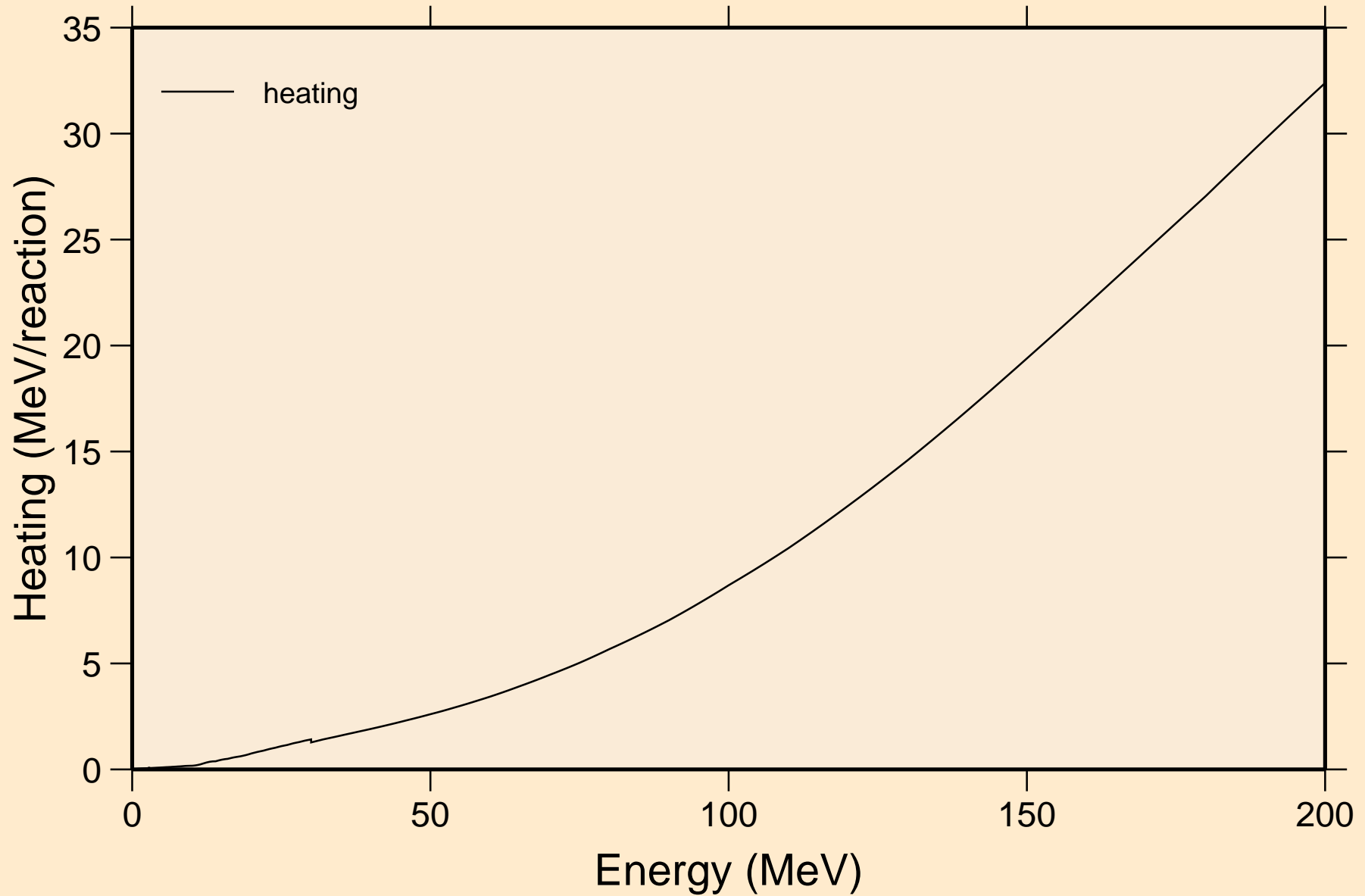
# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



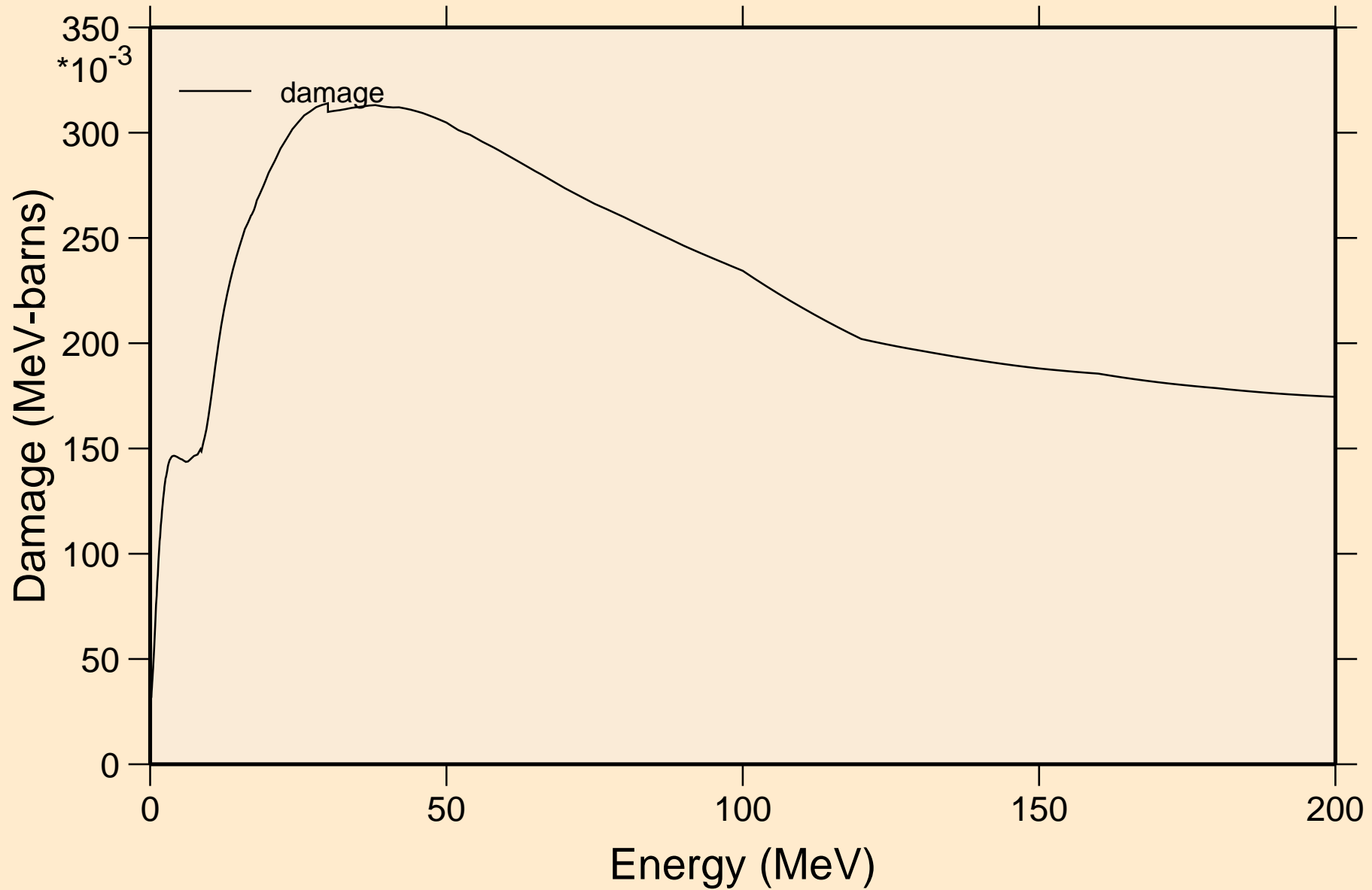
# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

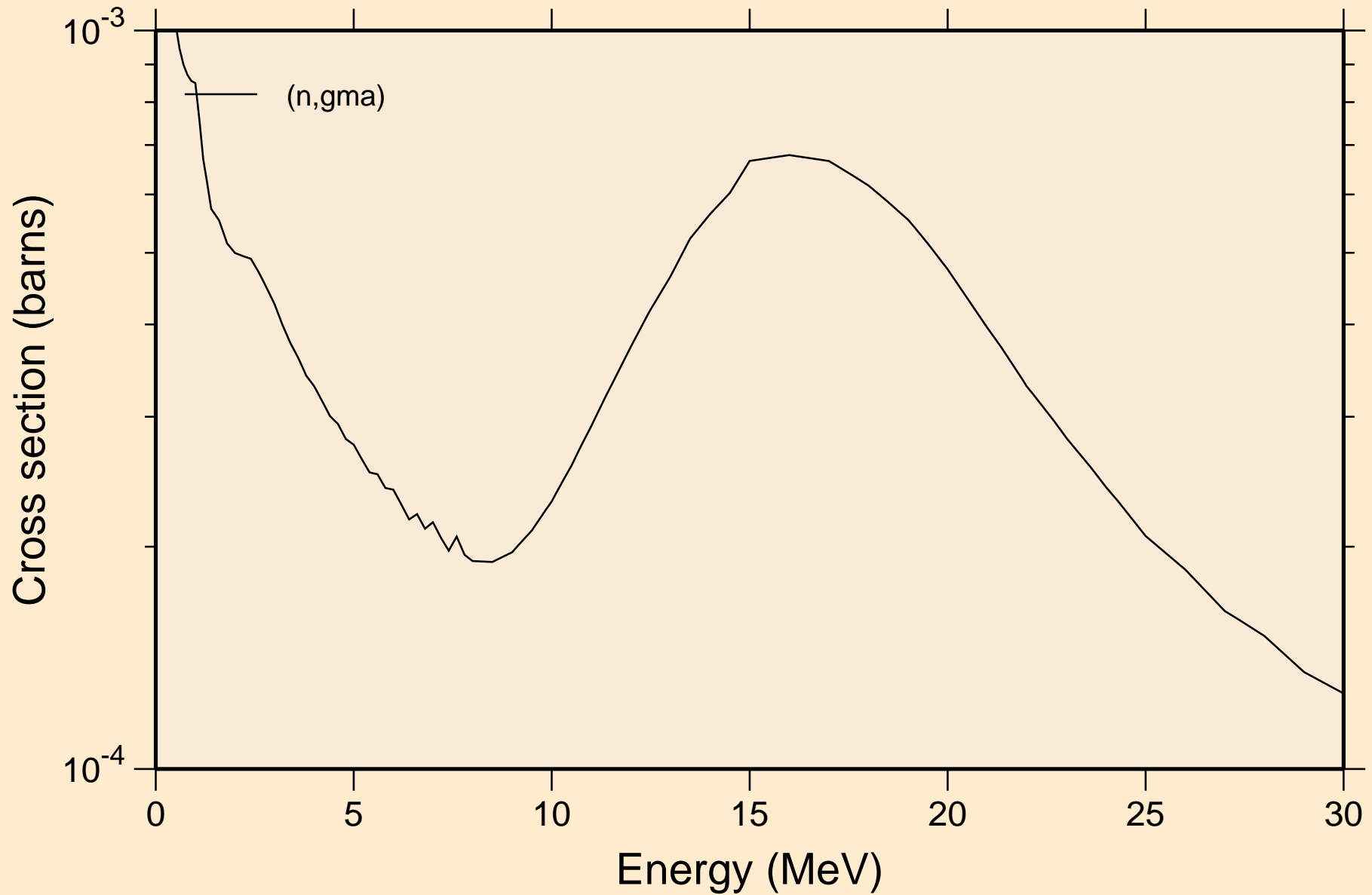


# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

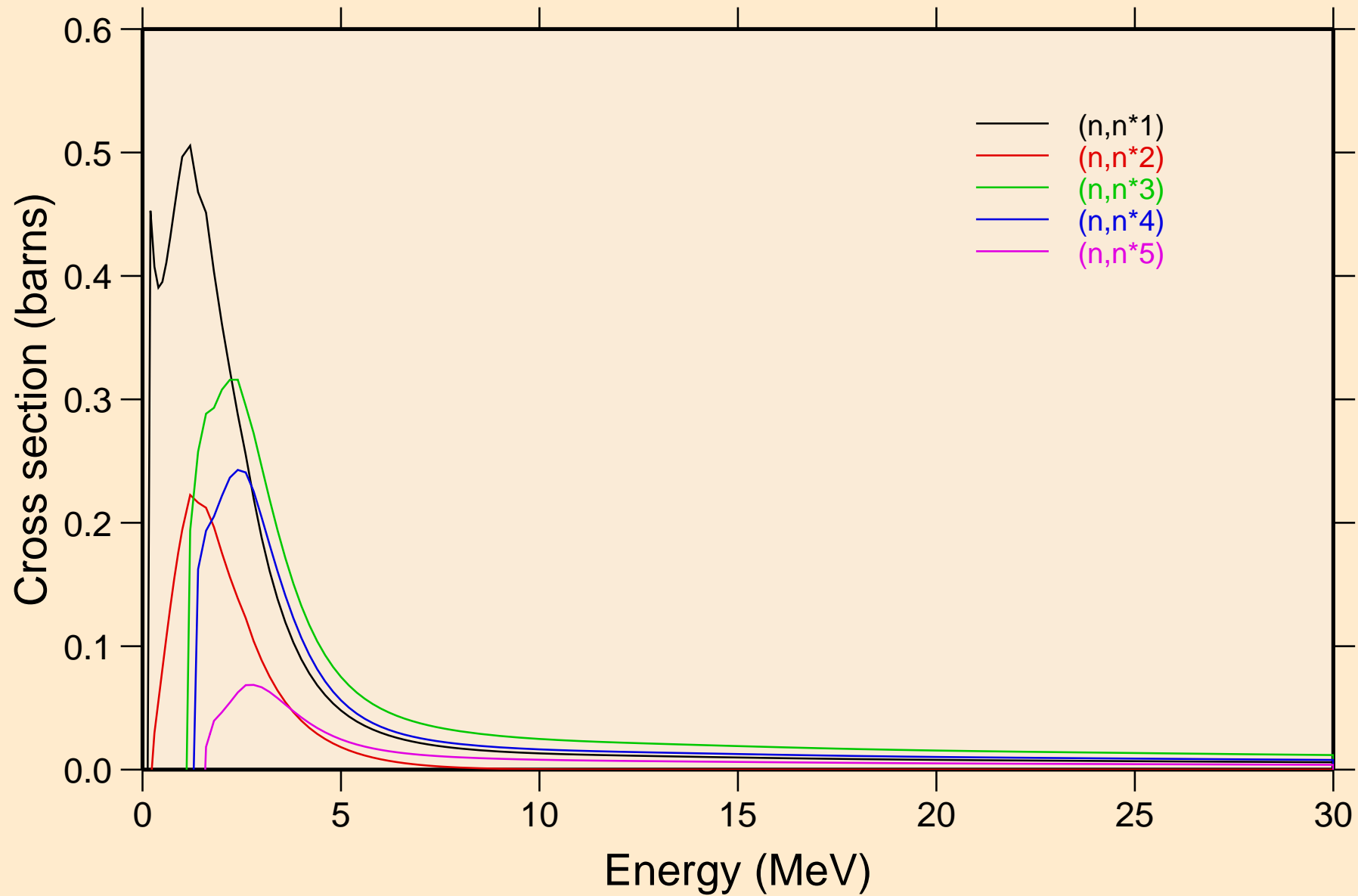
## Damage



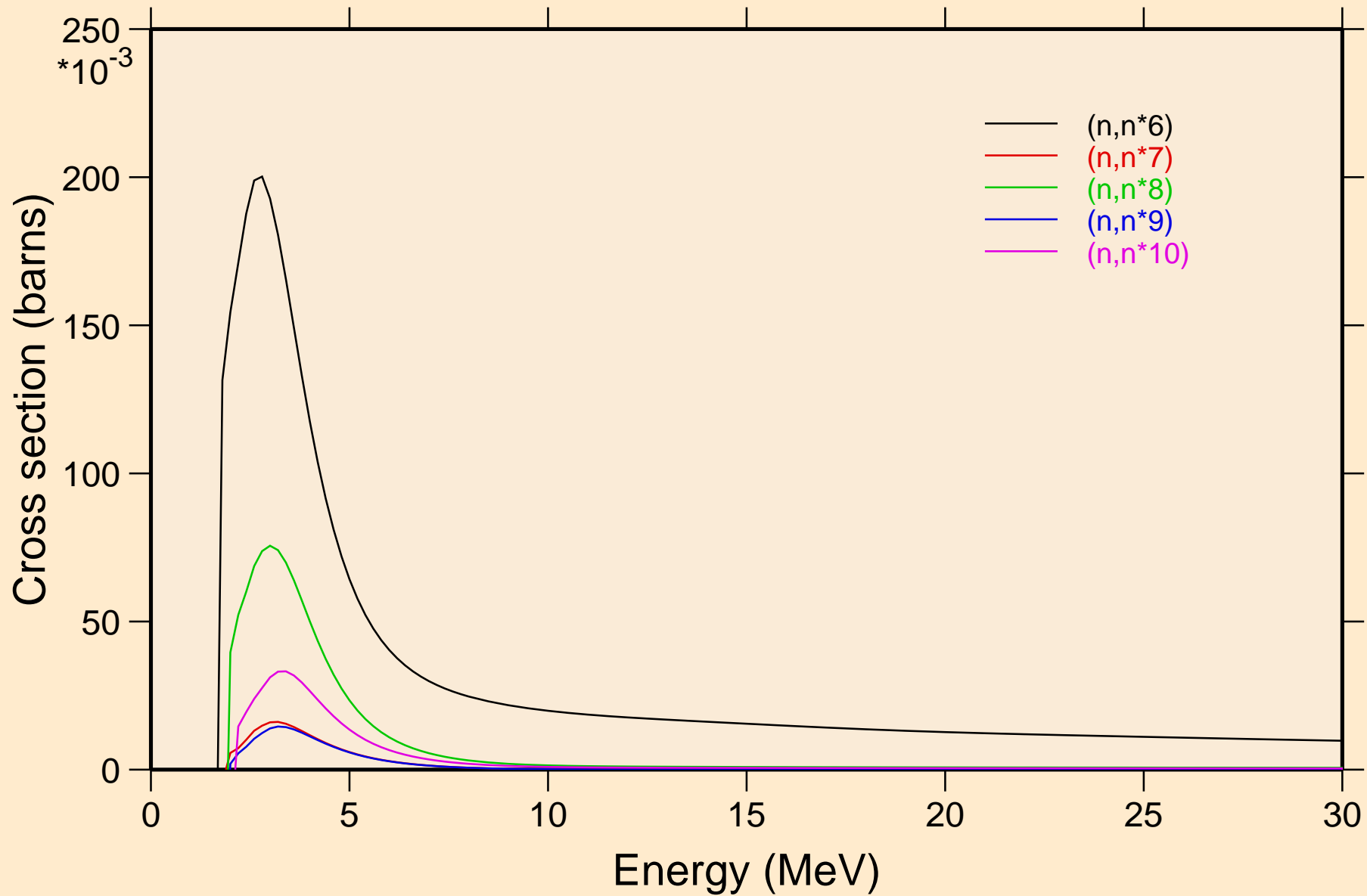
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

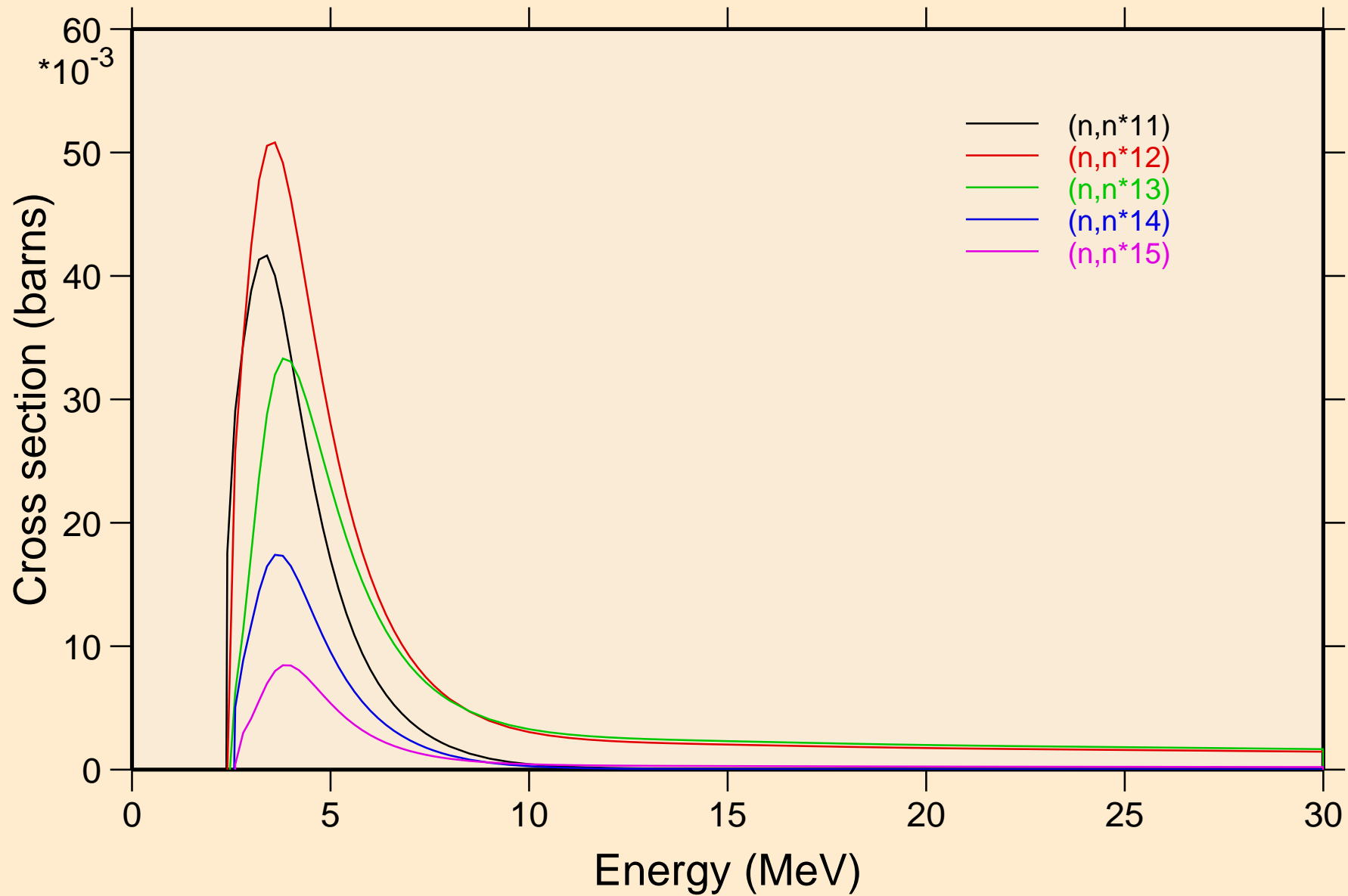


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

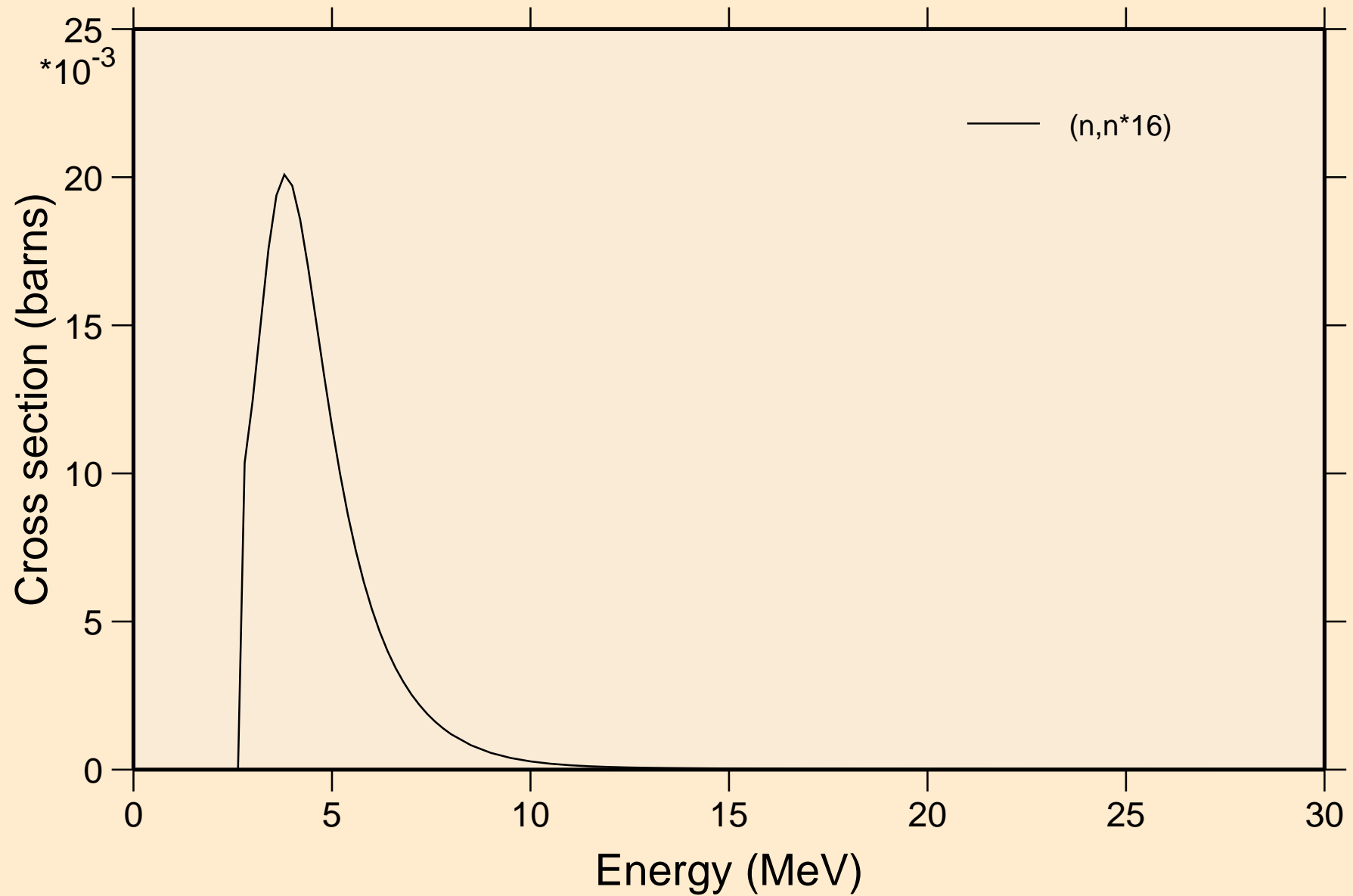




V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

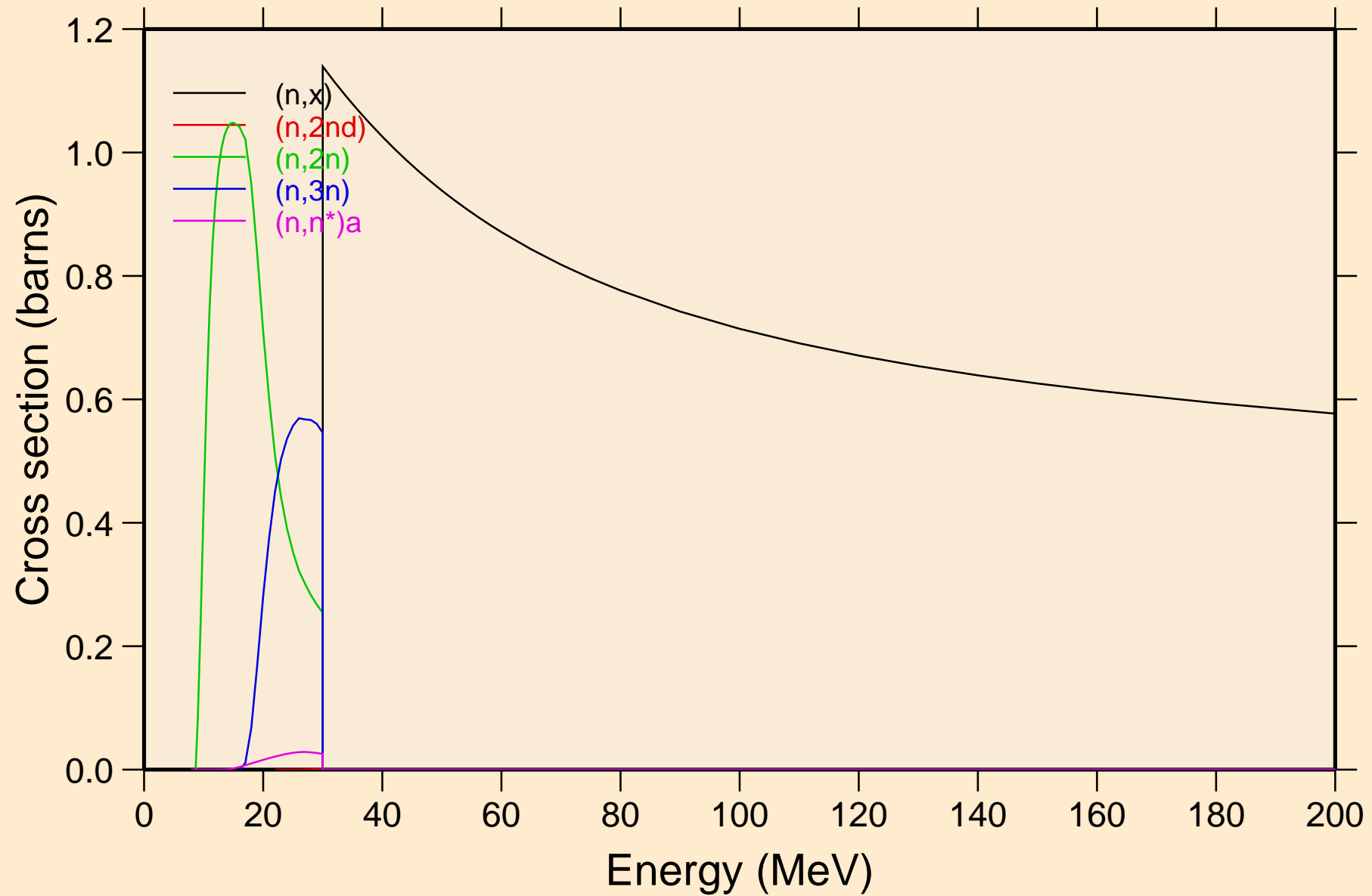


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

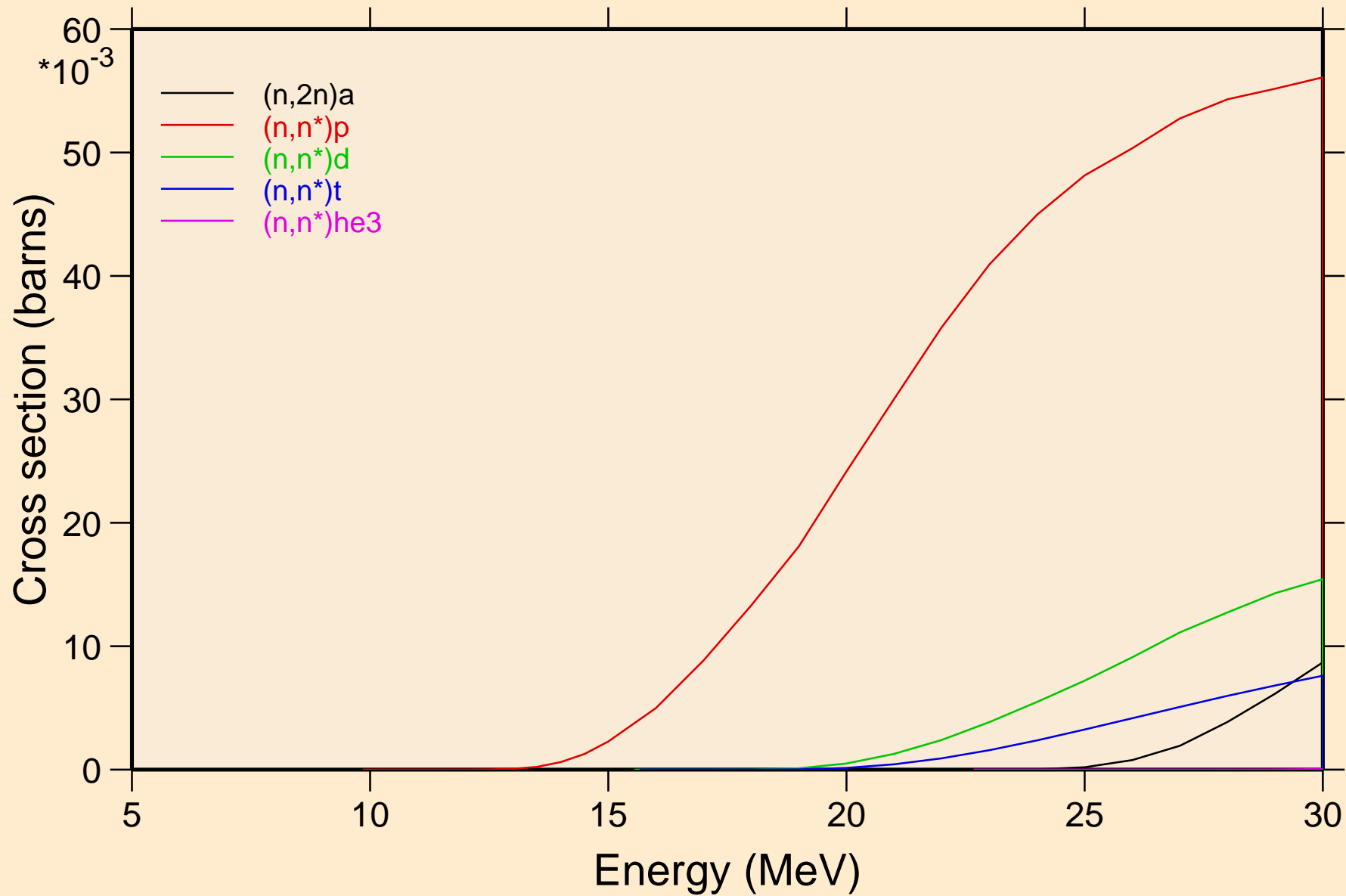


# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

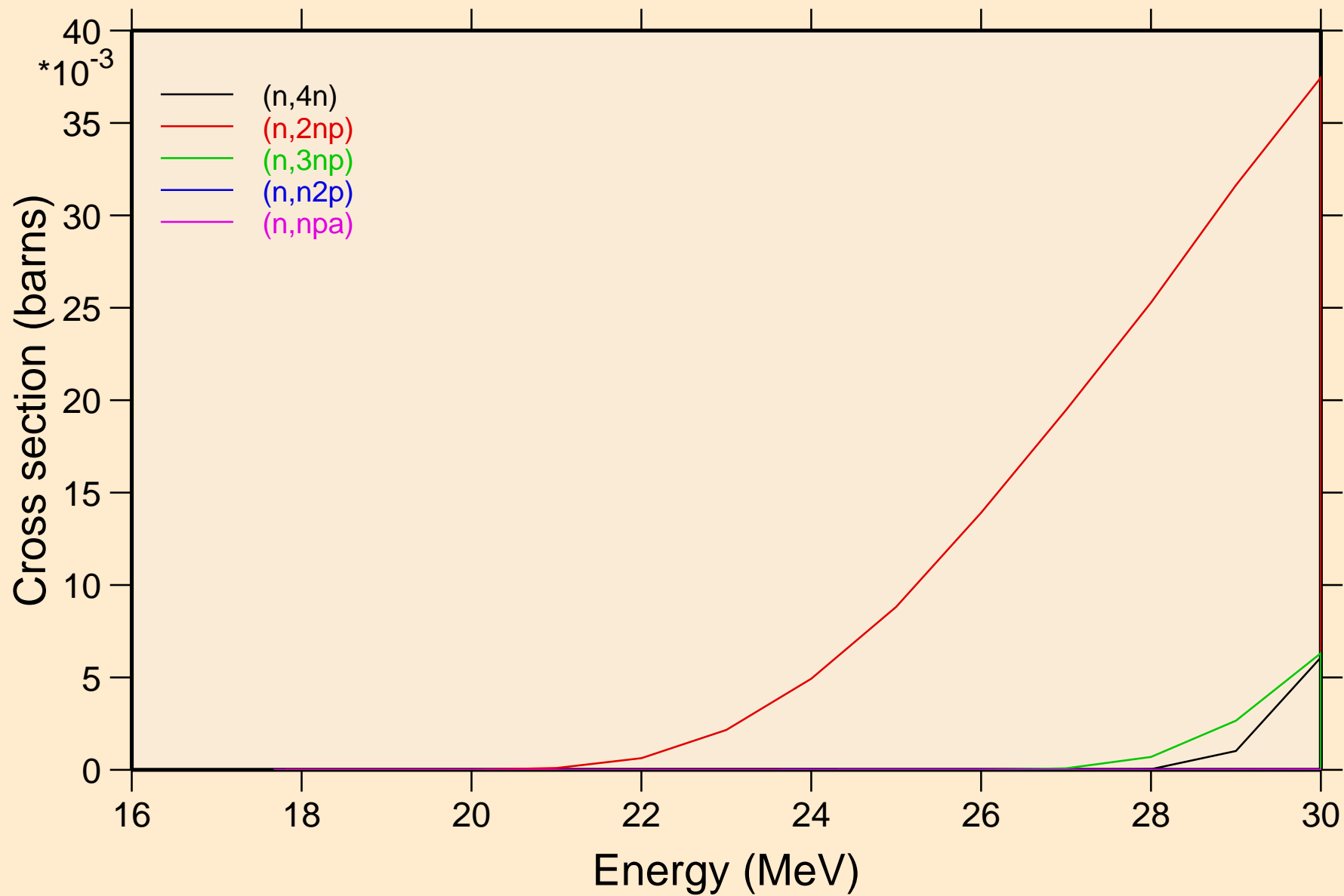
## Threshold reactions



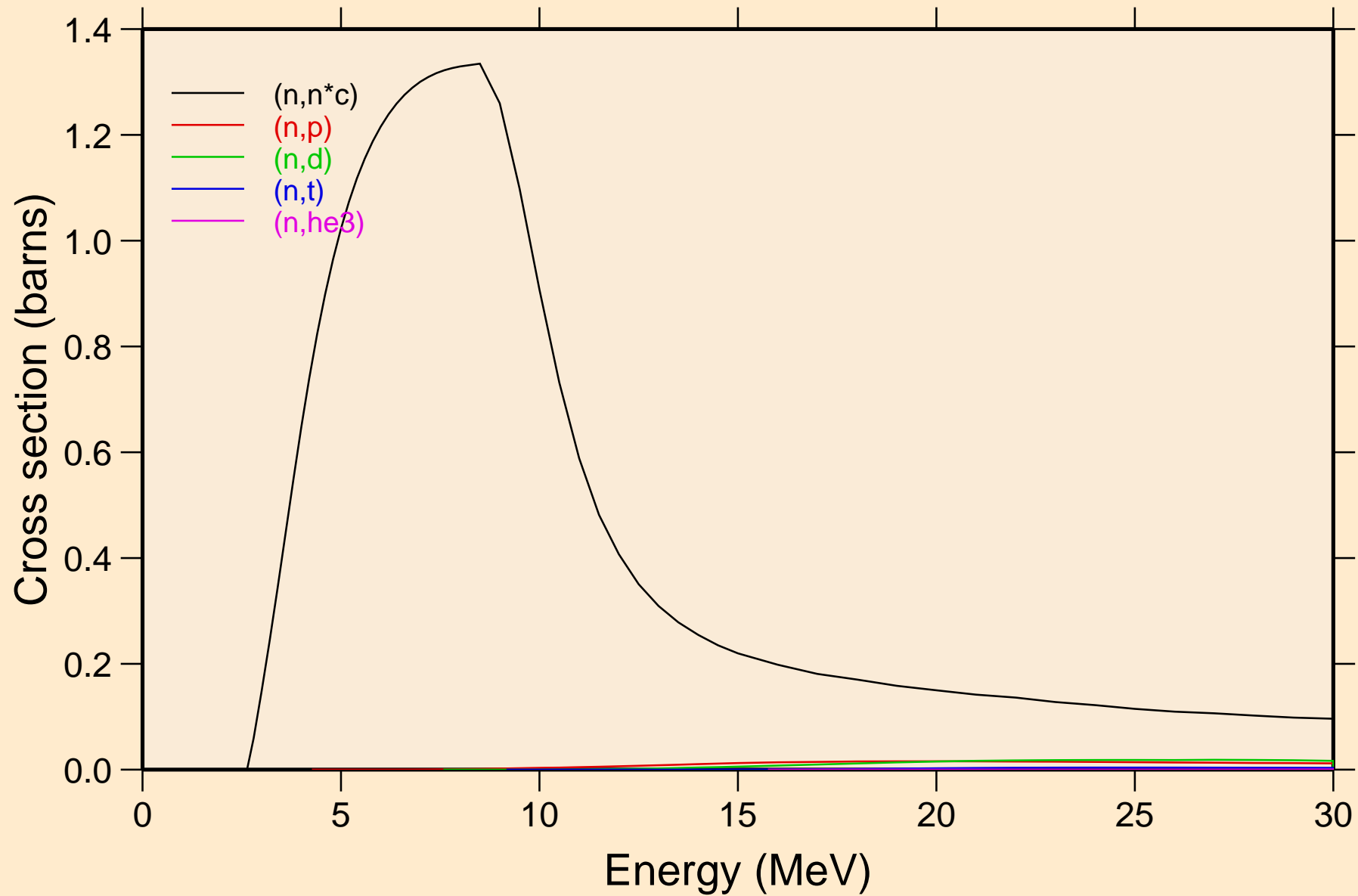
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

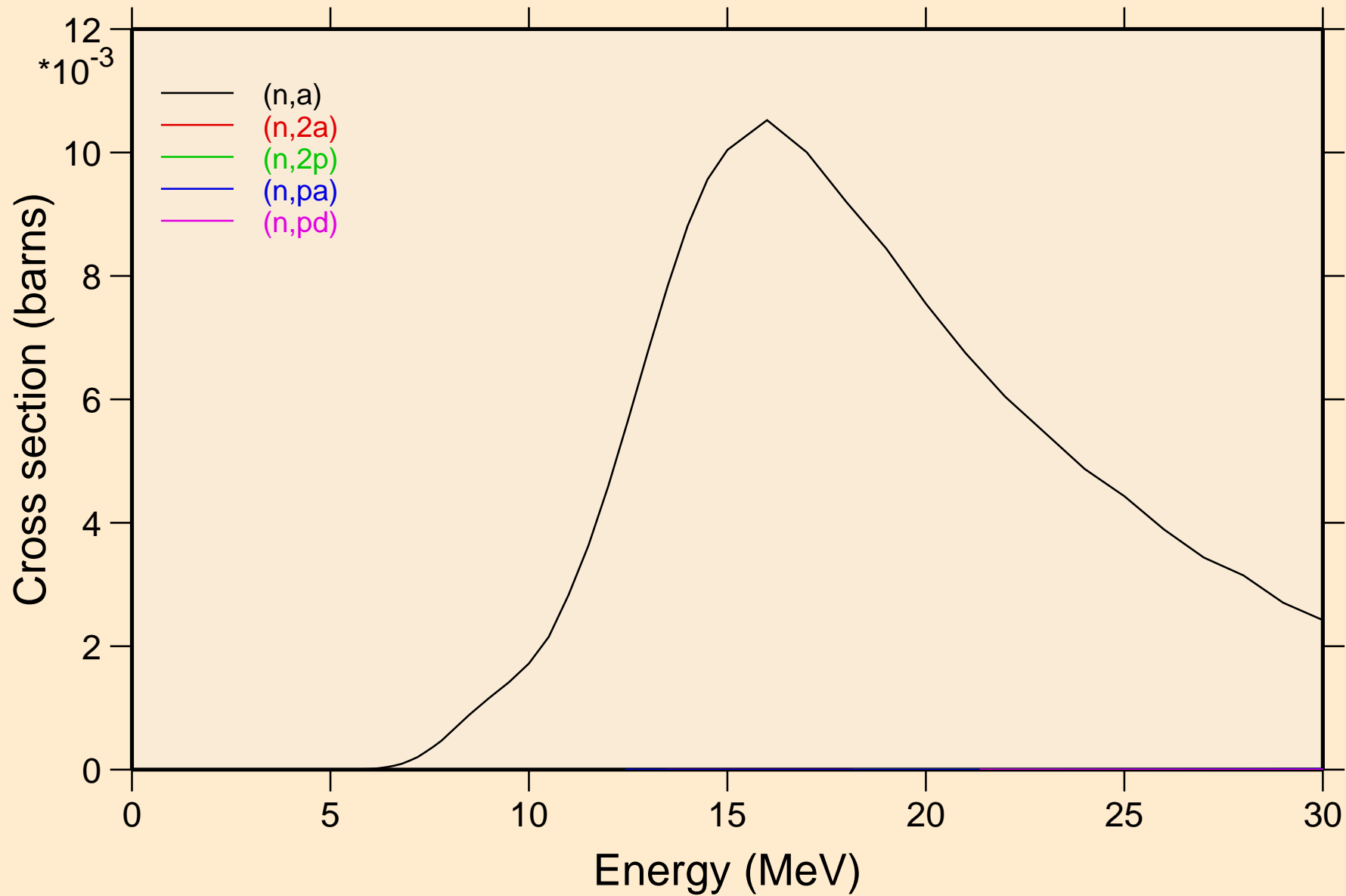


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

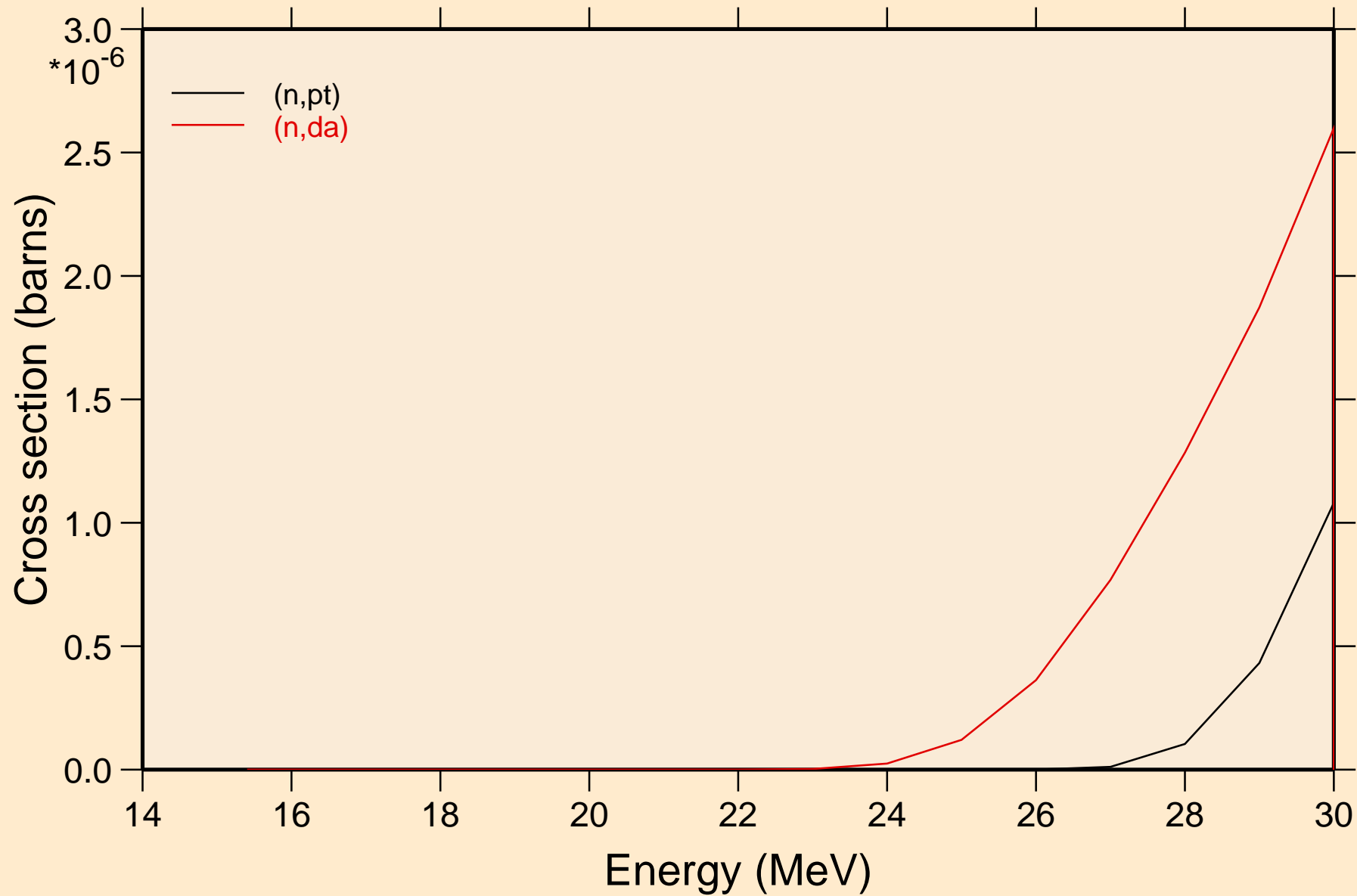


# V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

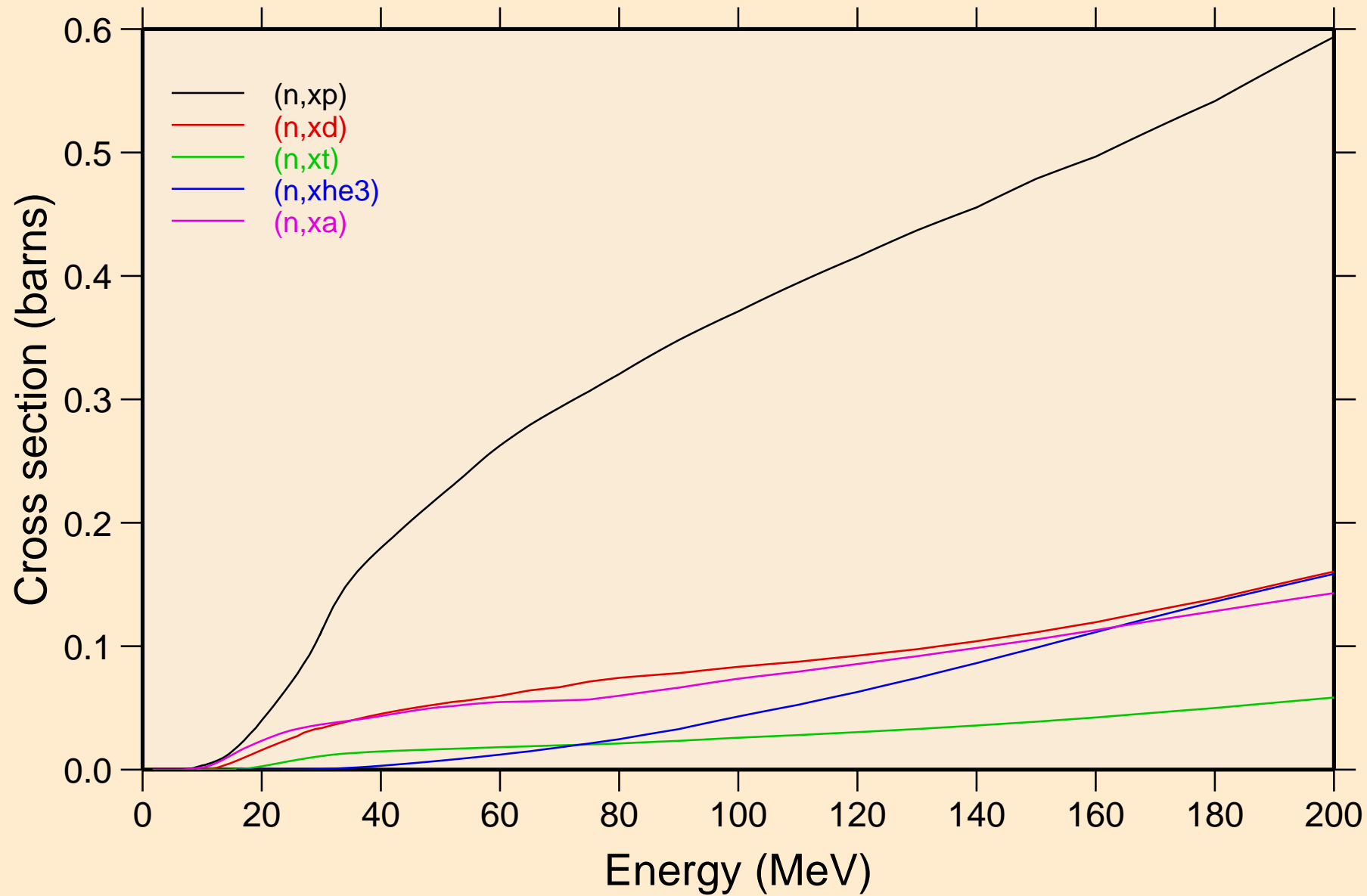


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

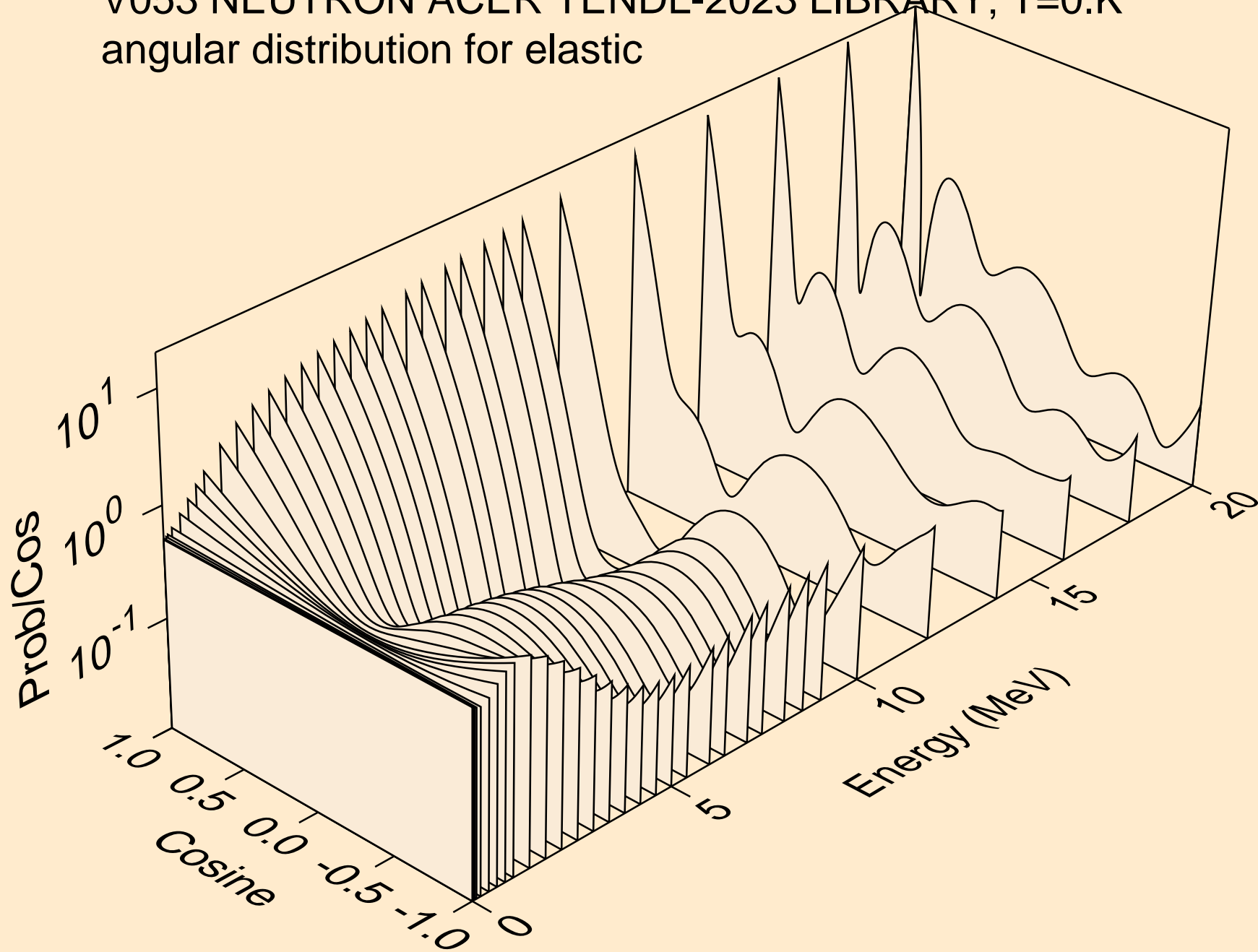




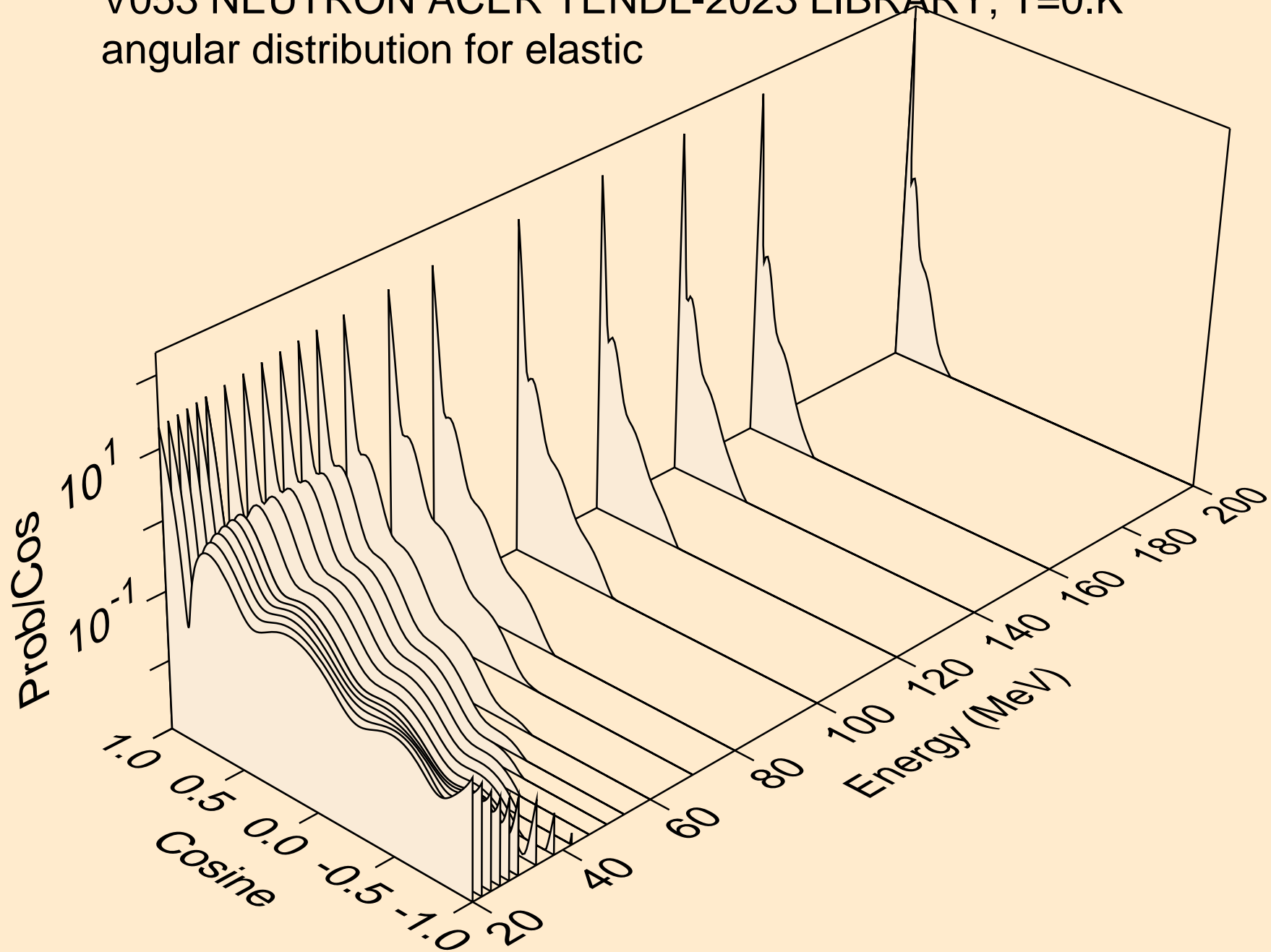
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



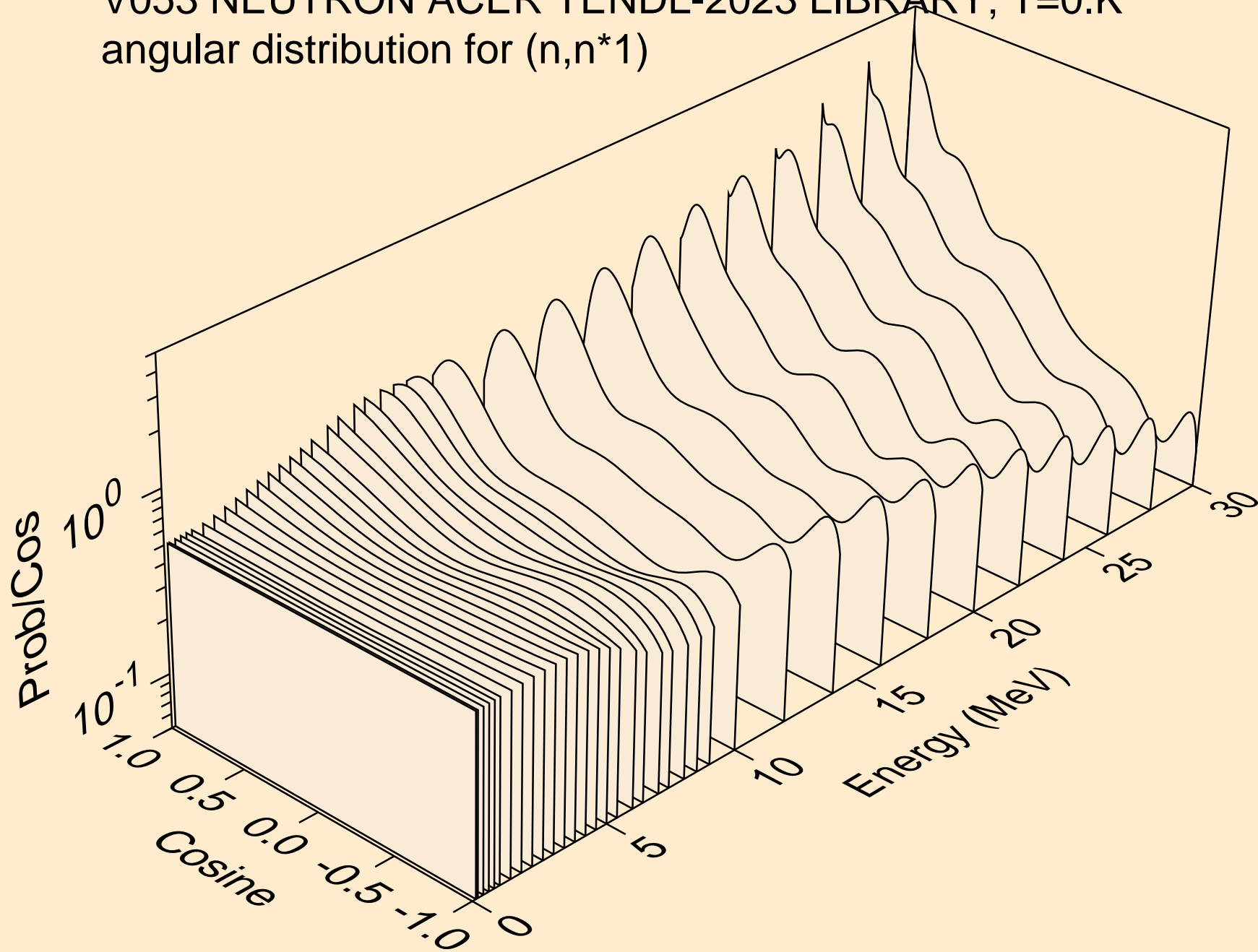
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



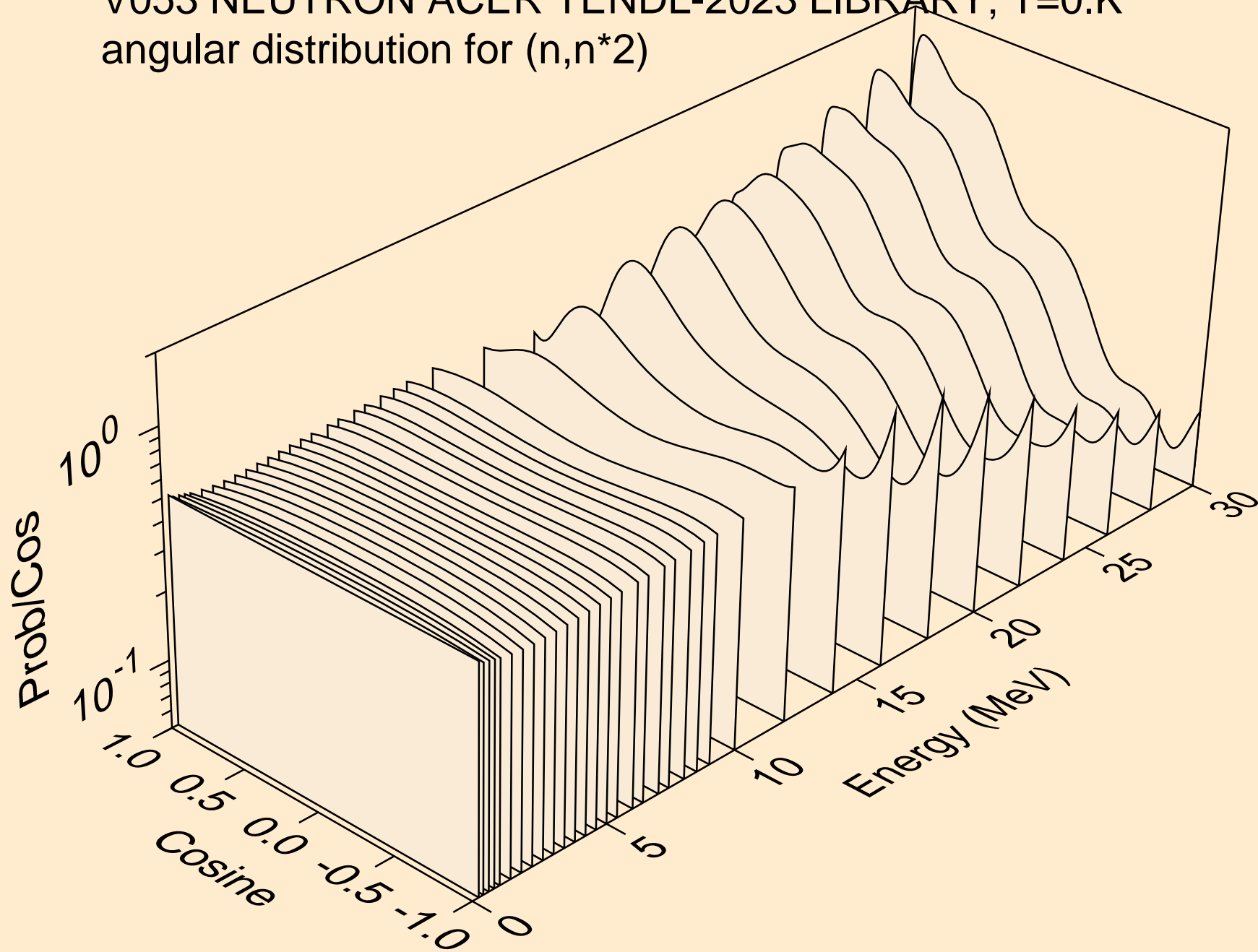
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



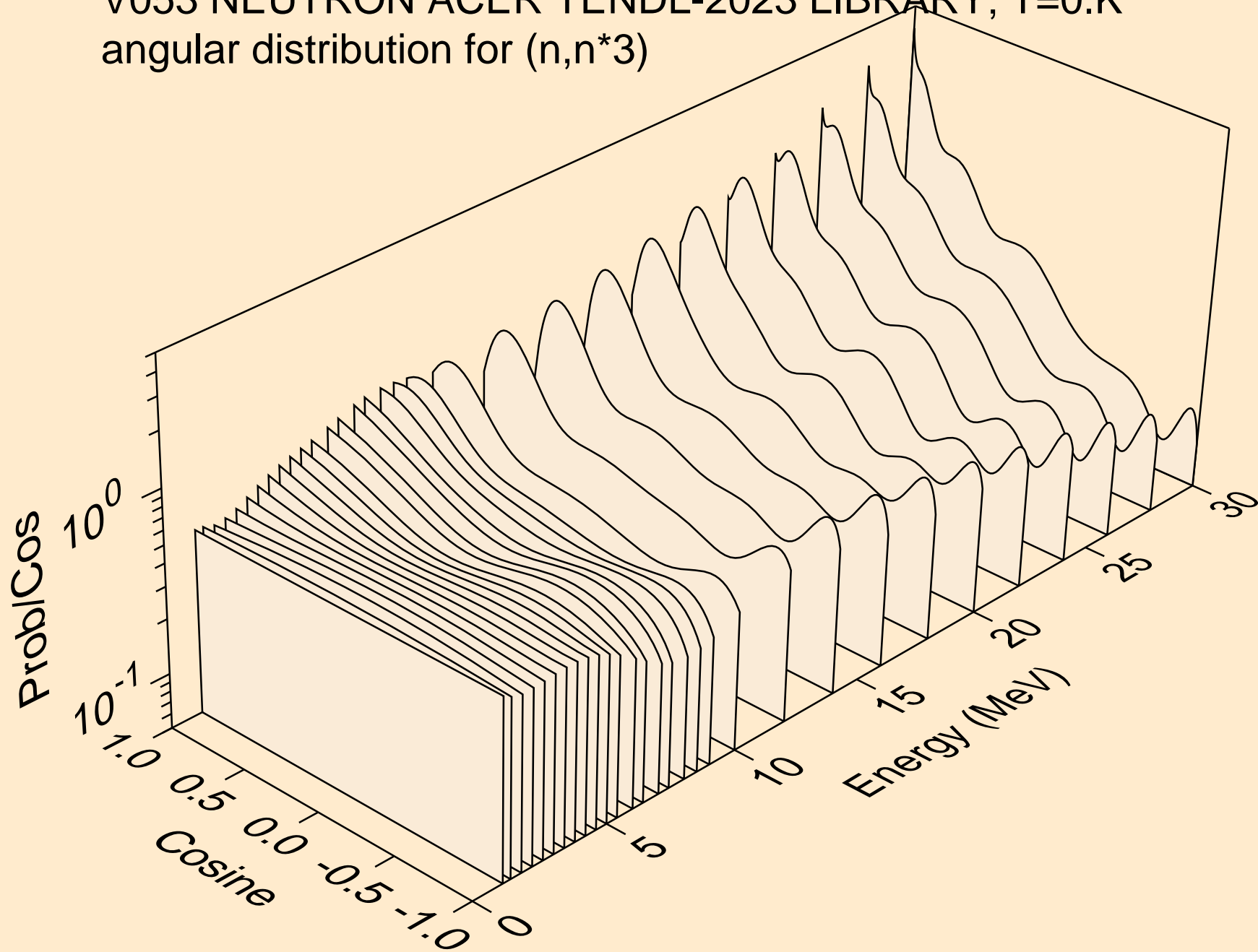
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



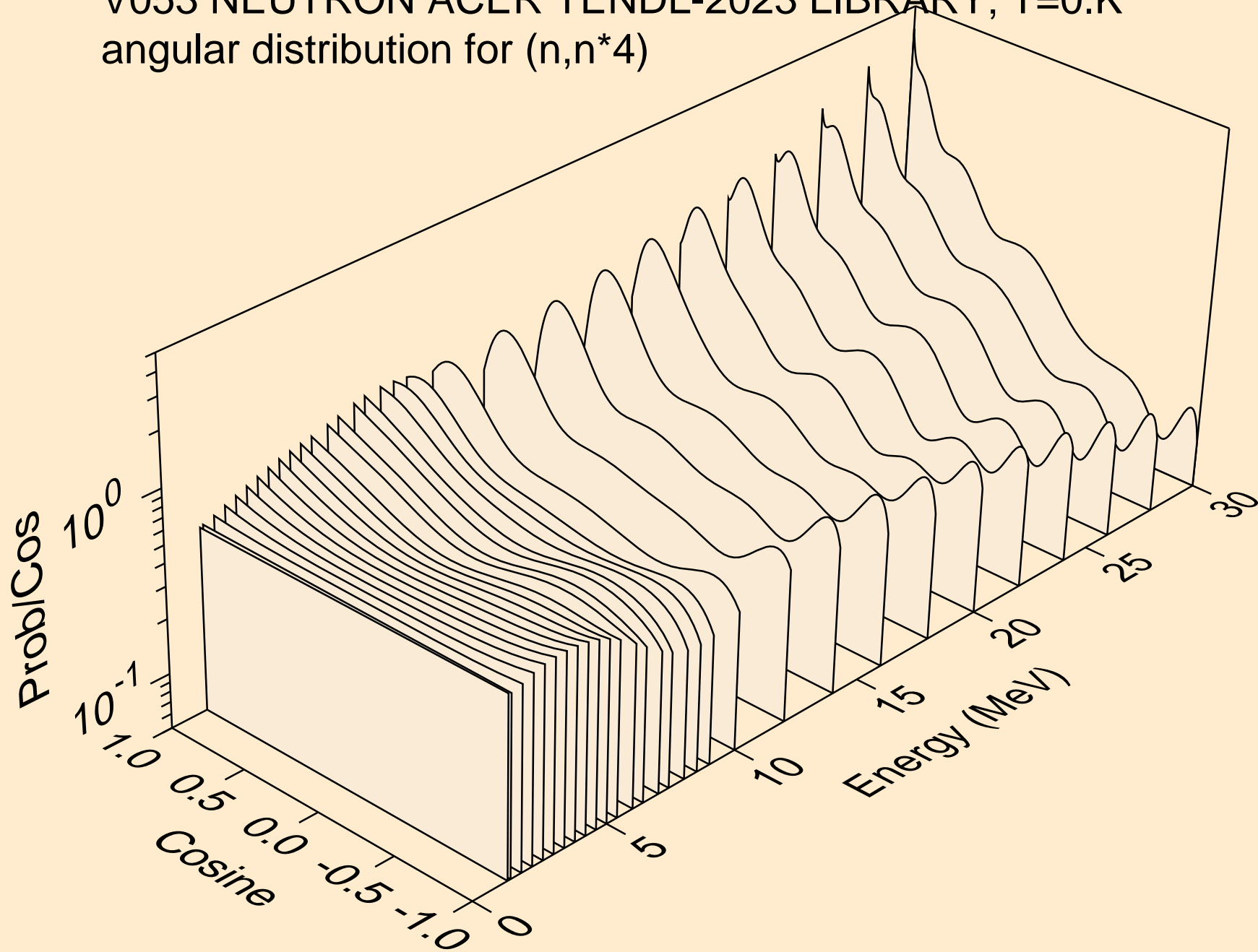
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



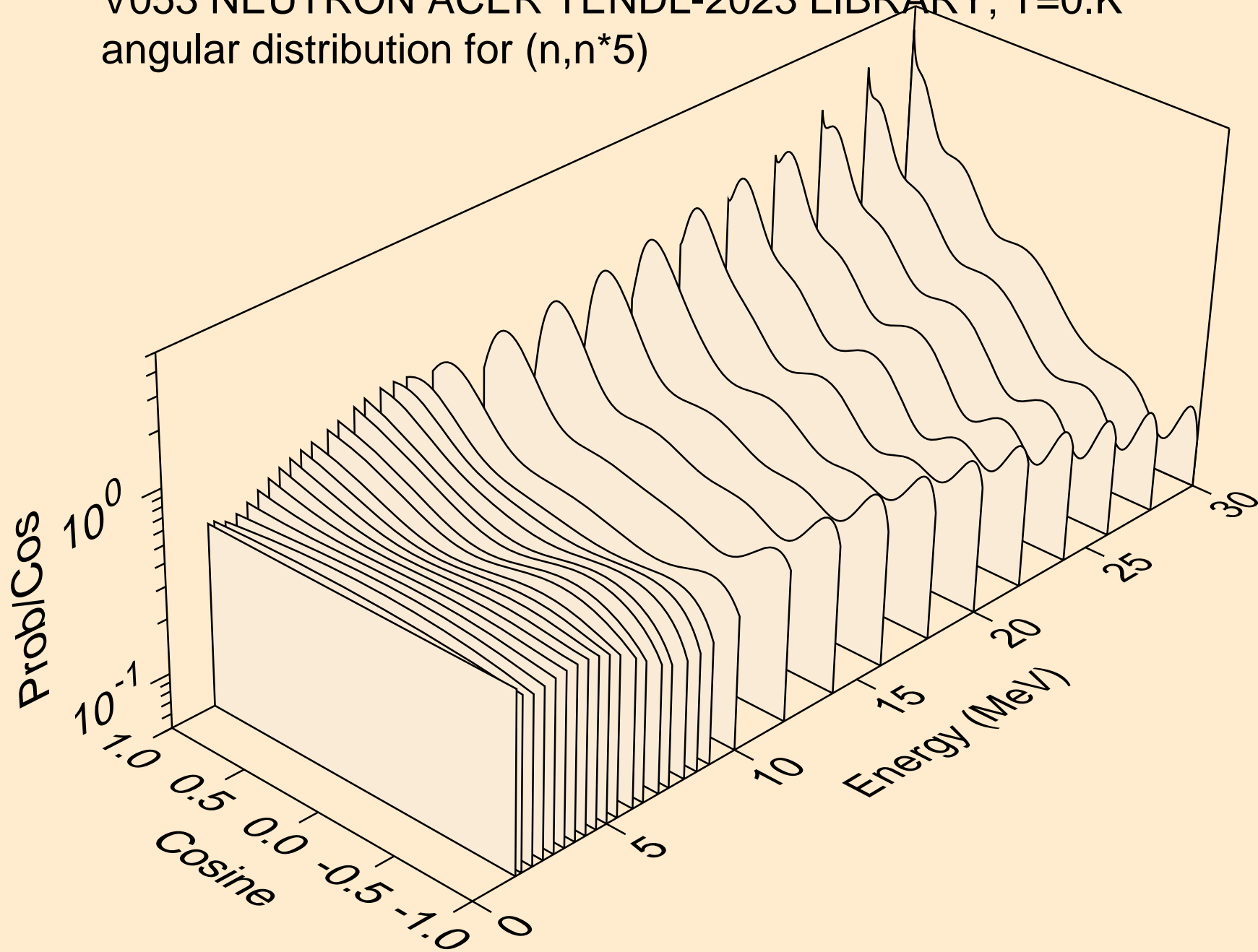
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

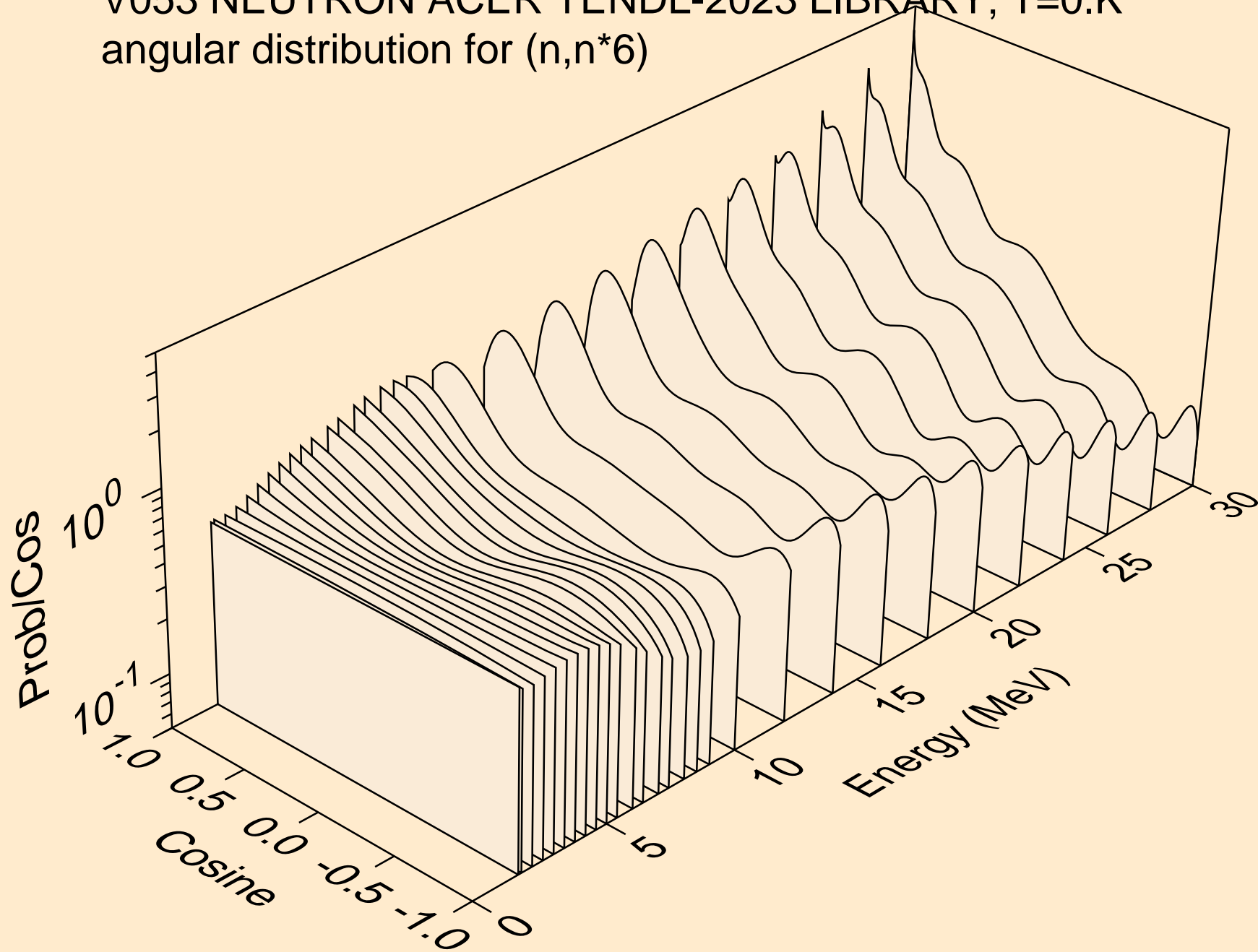


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

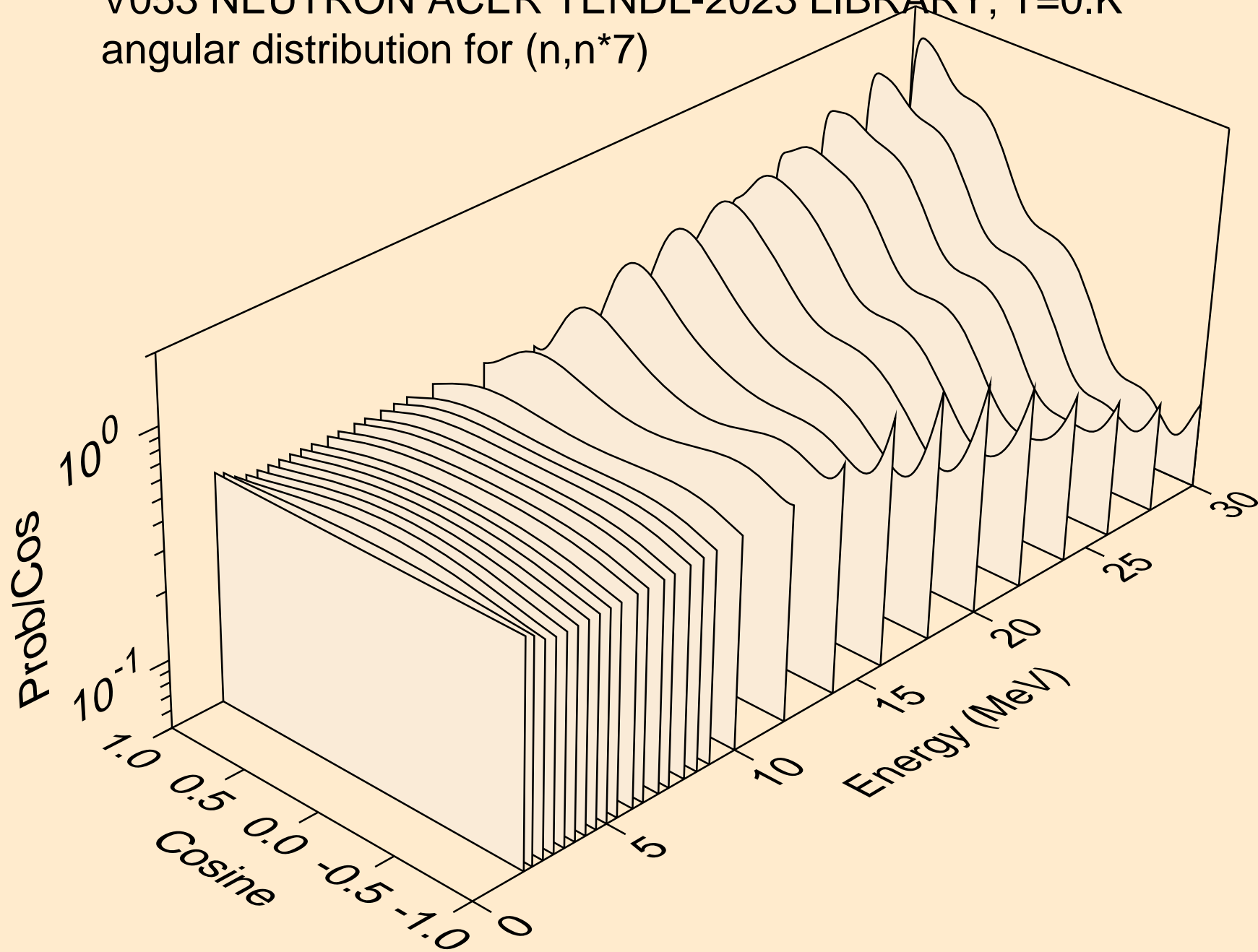




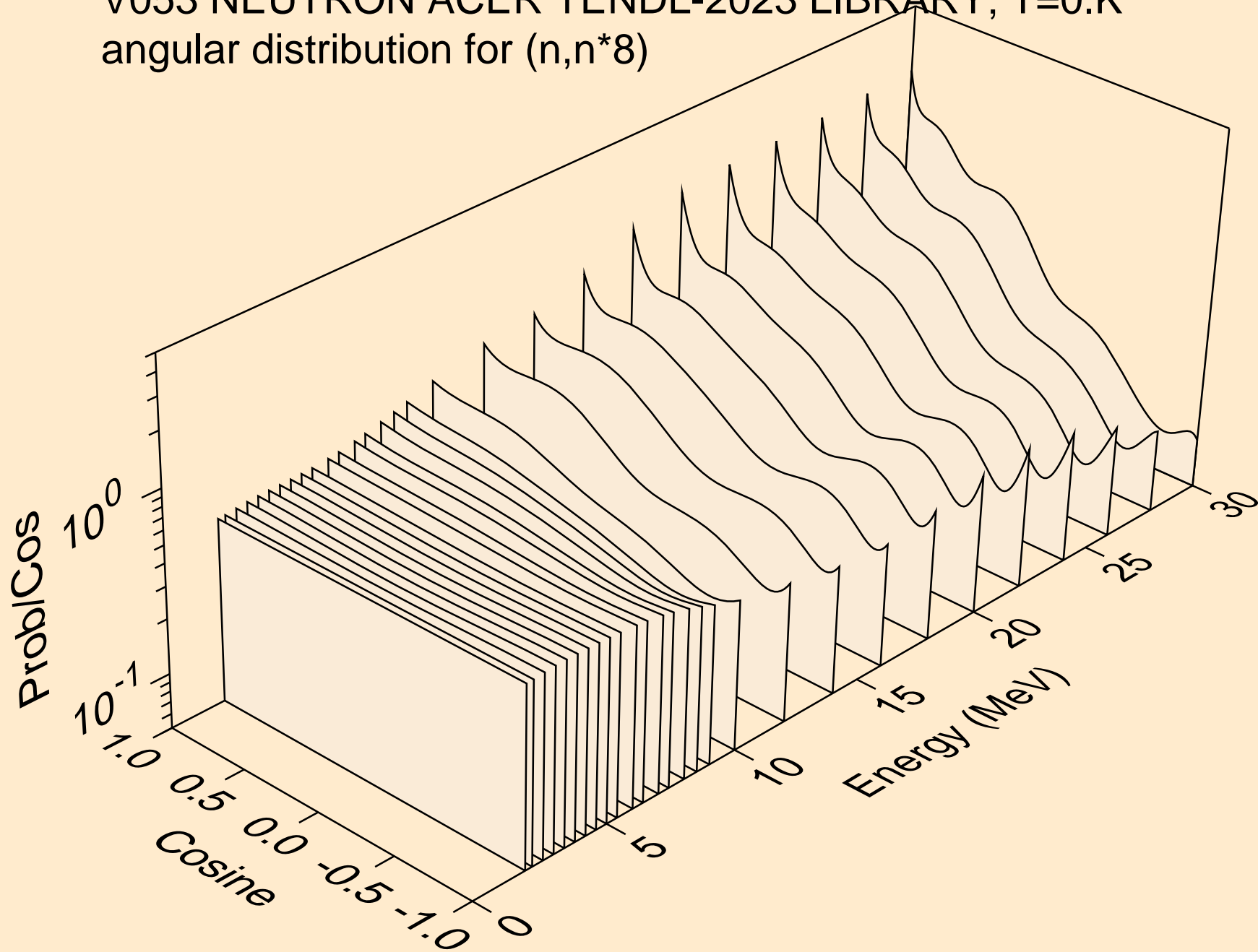
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angular distribution for (n,n\*6)



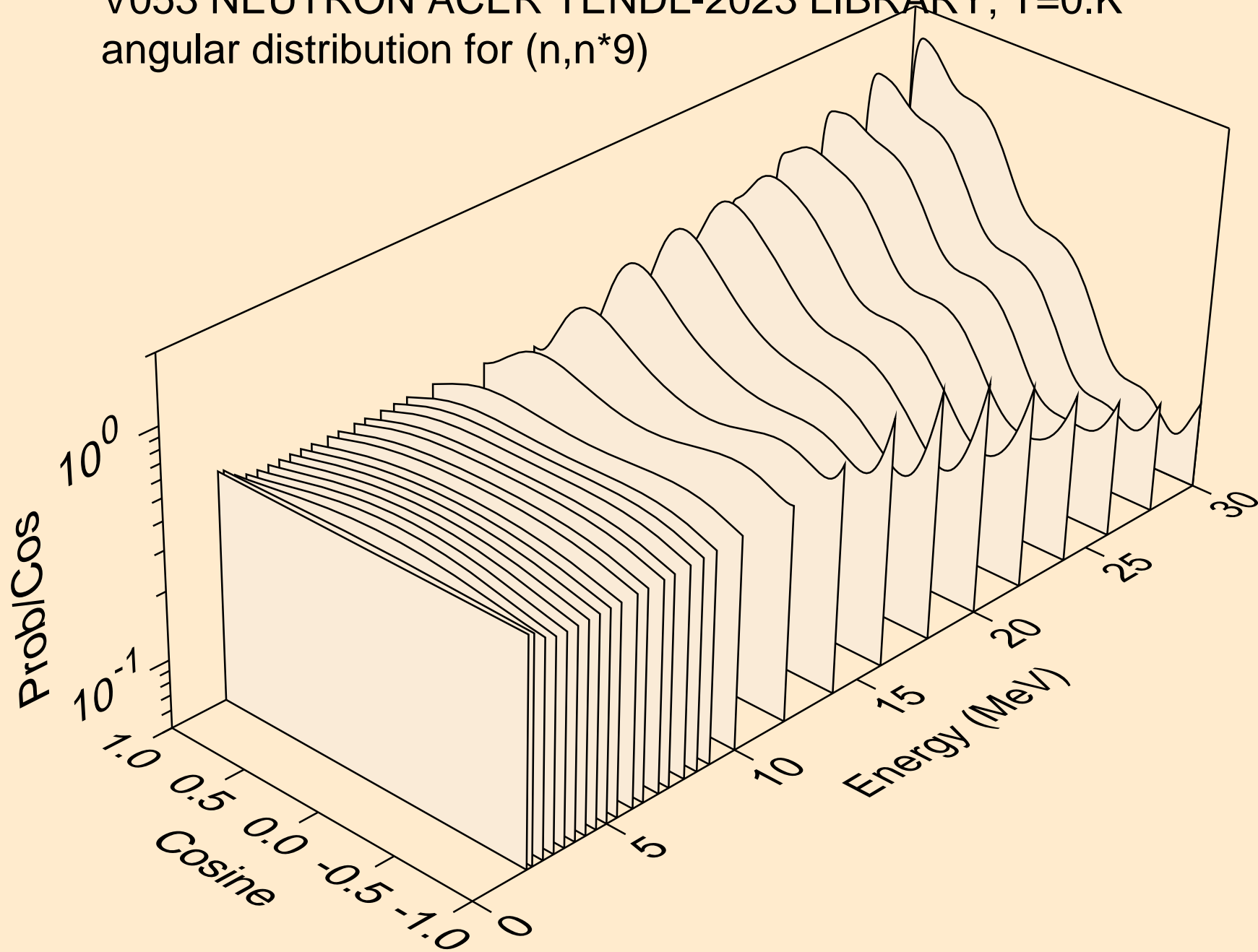
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angular distribution for (n,n\*7)



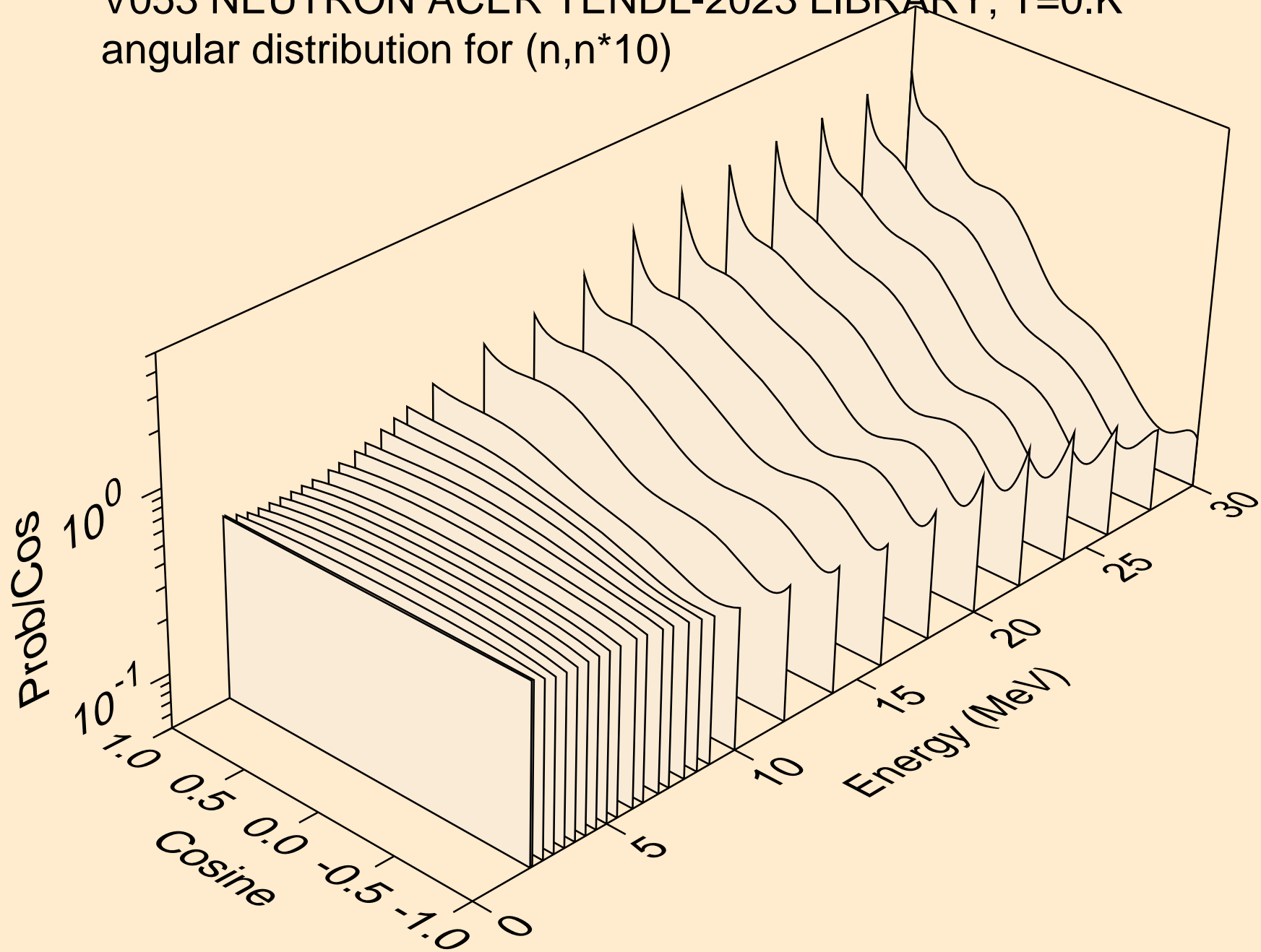
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angular distribution for (n,n\*8)



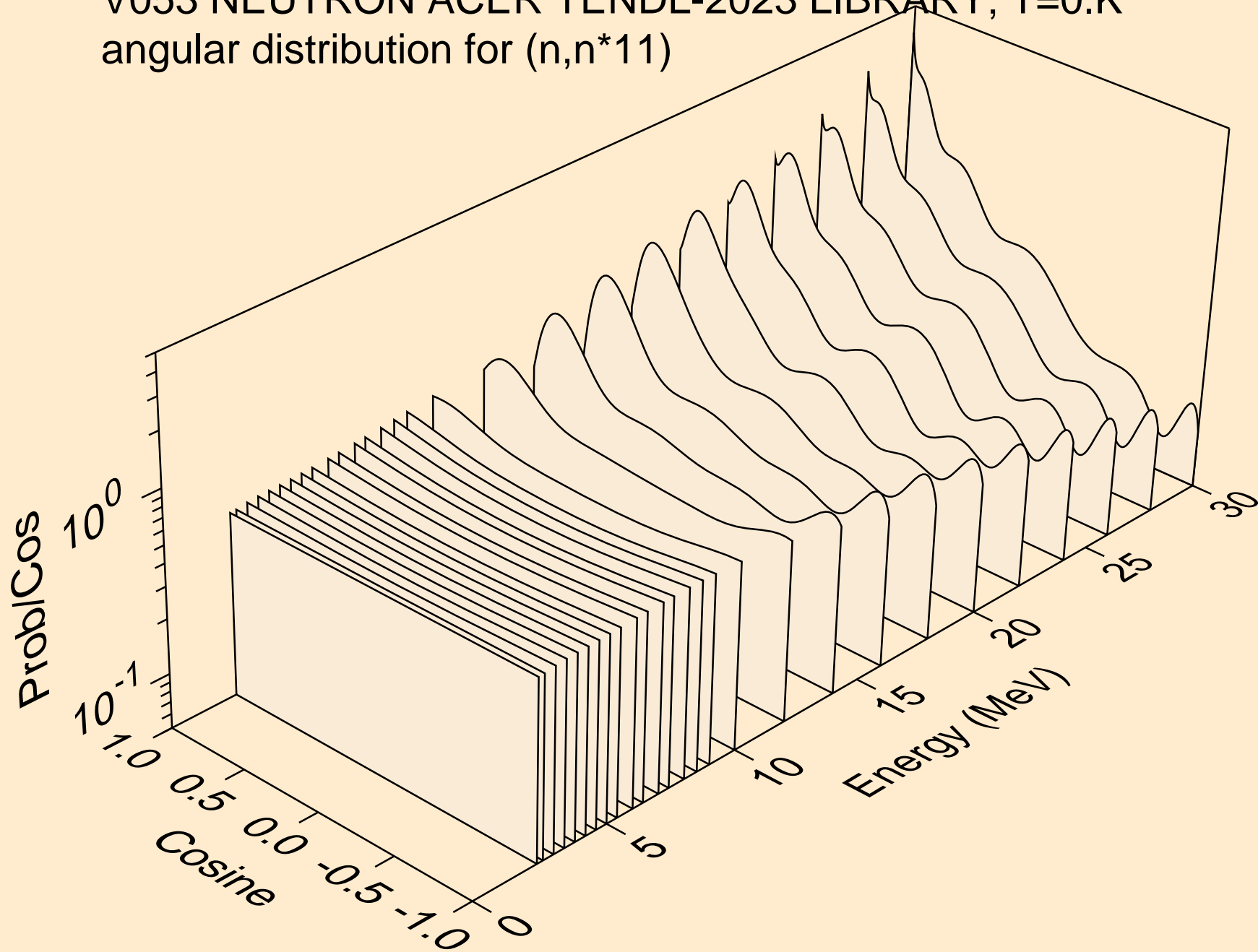
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angular distribution for (n,n\*9)



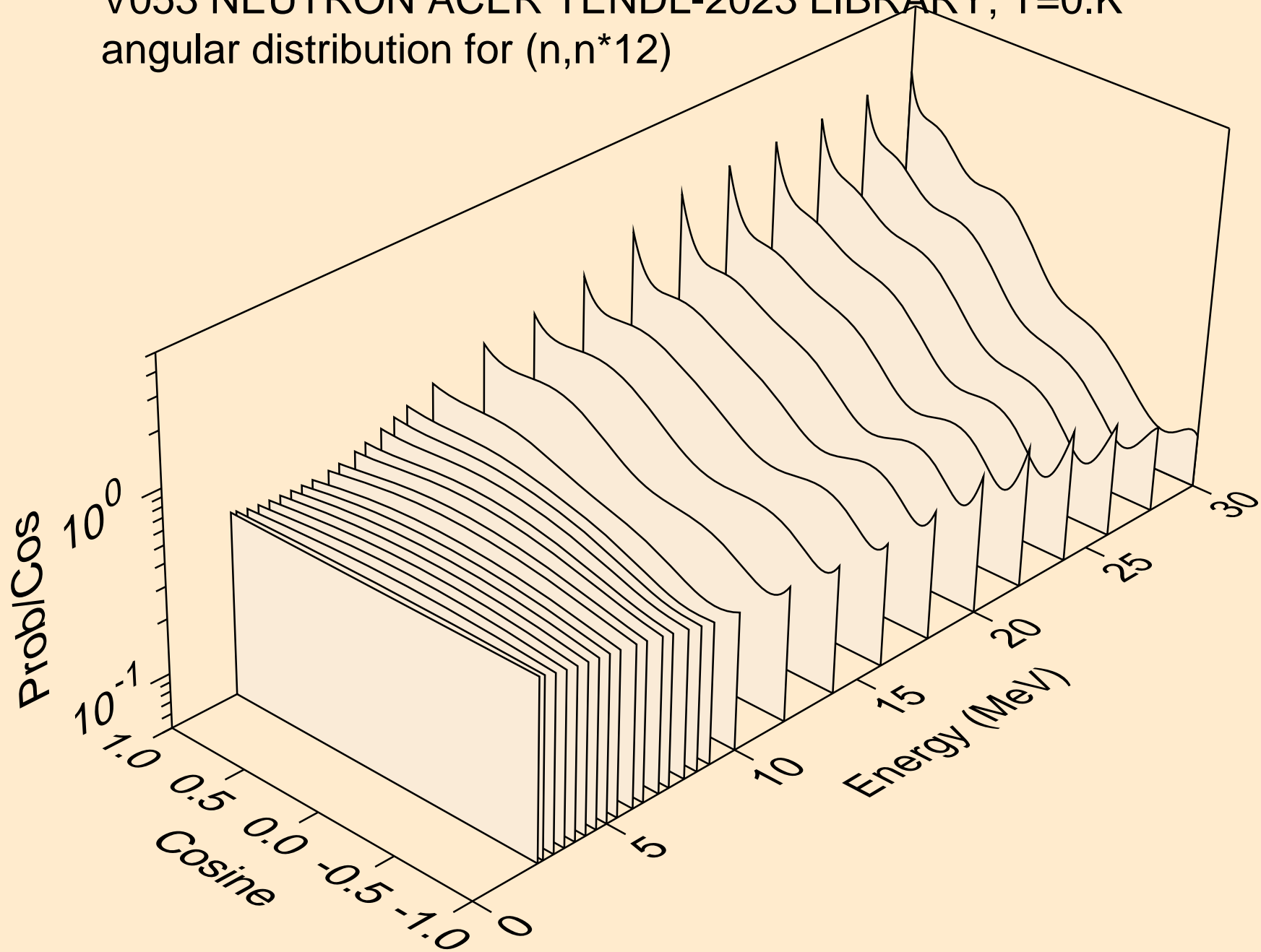
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angular distribution for (n,n\*10)



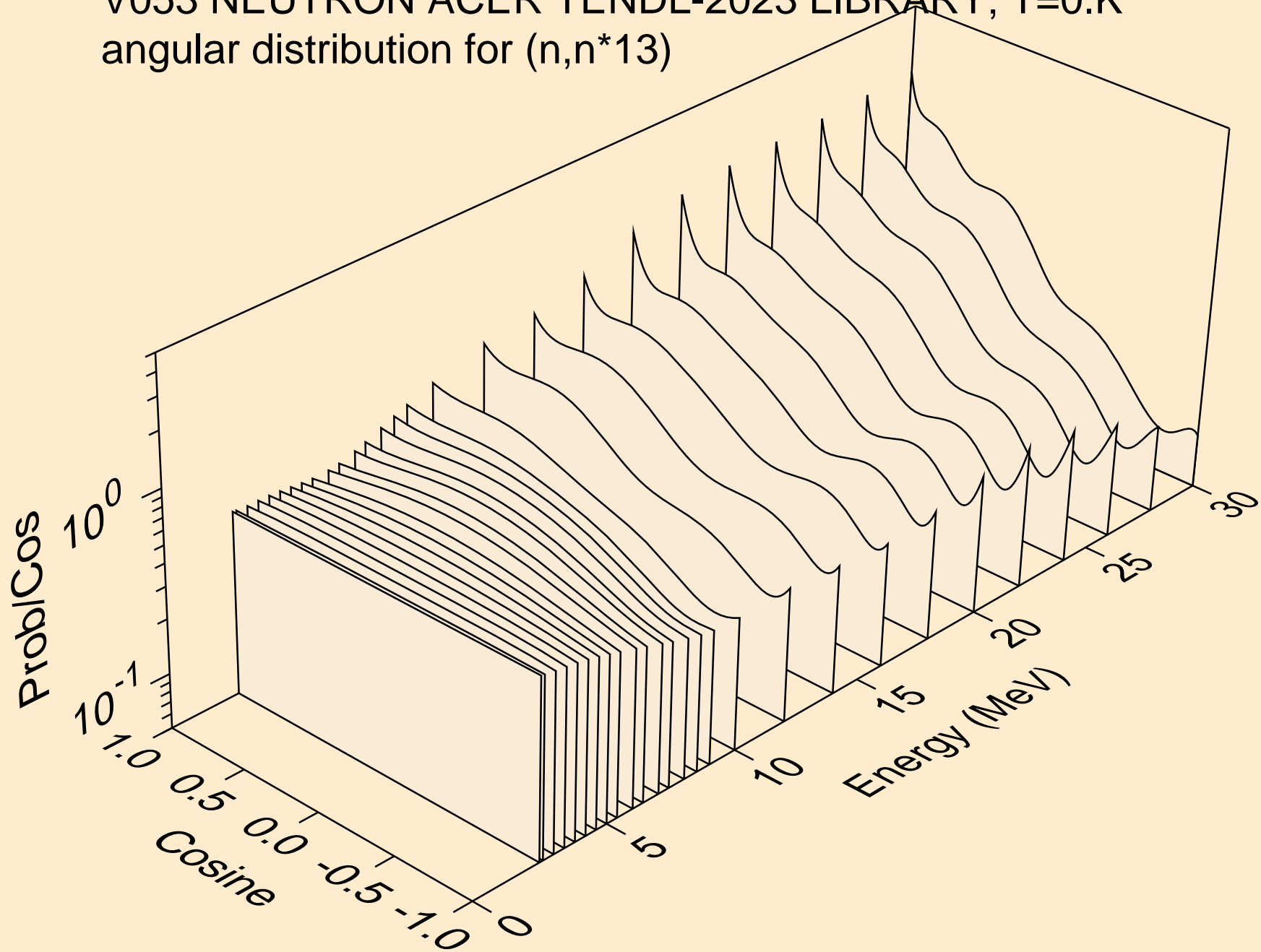
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

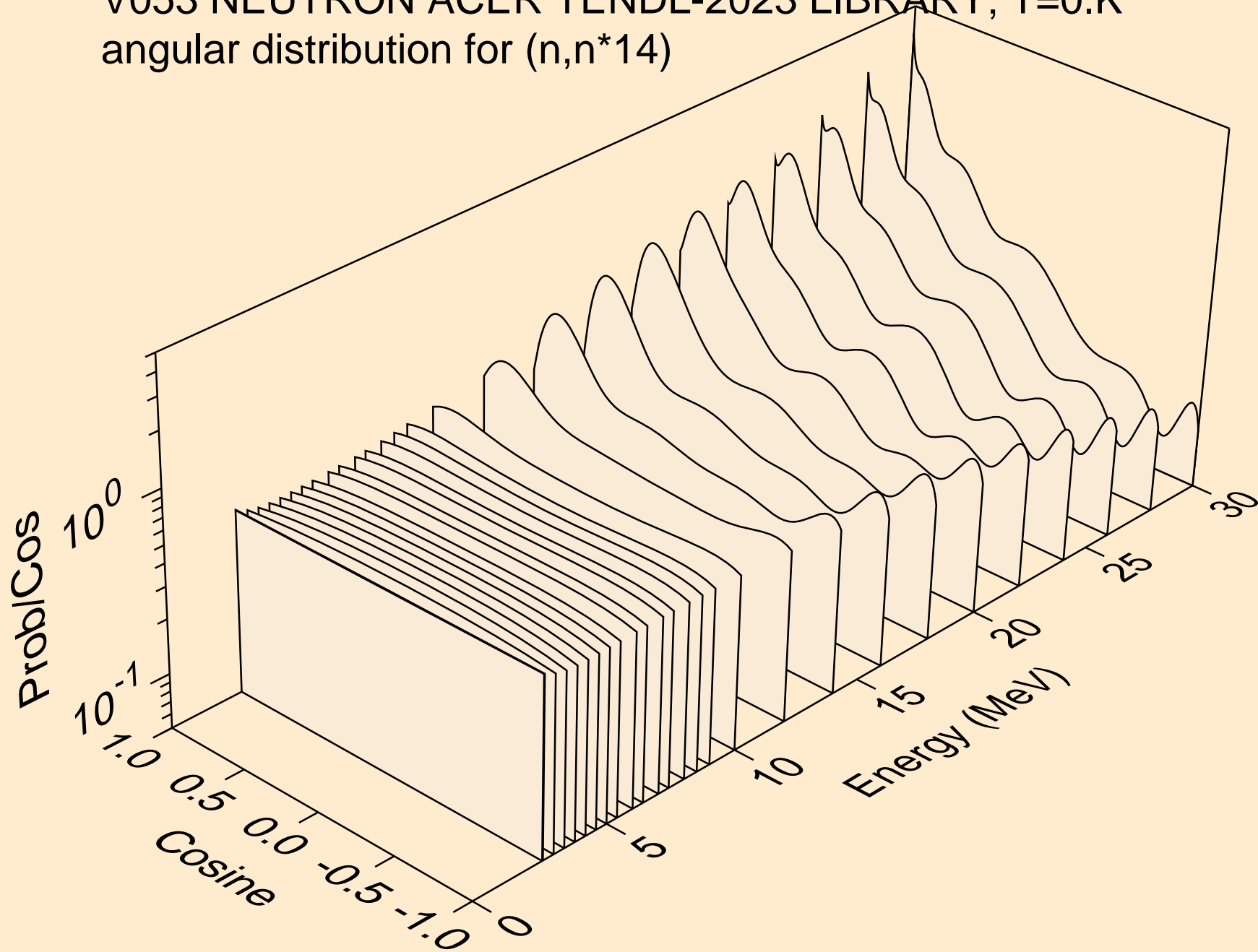


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

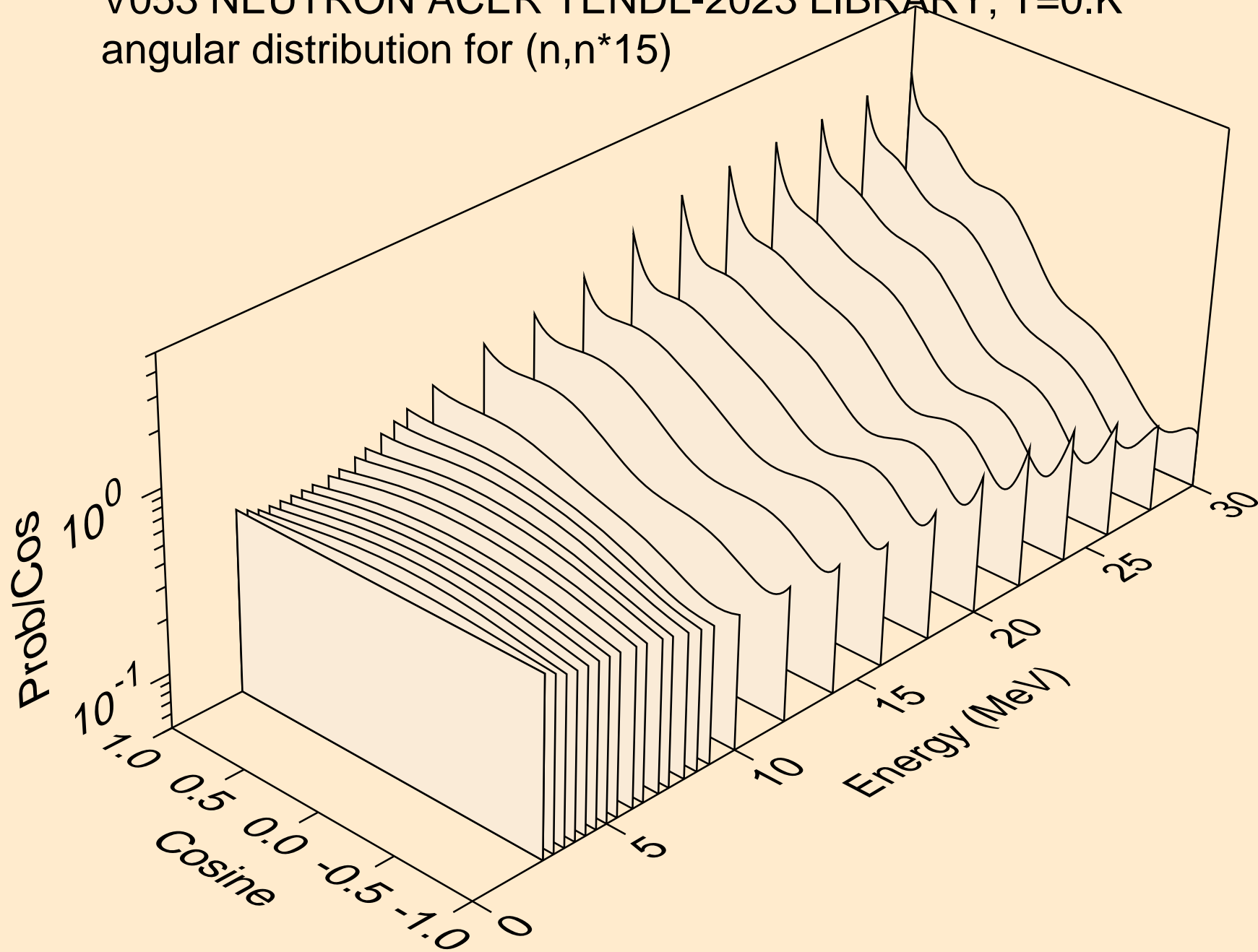




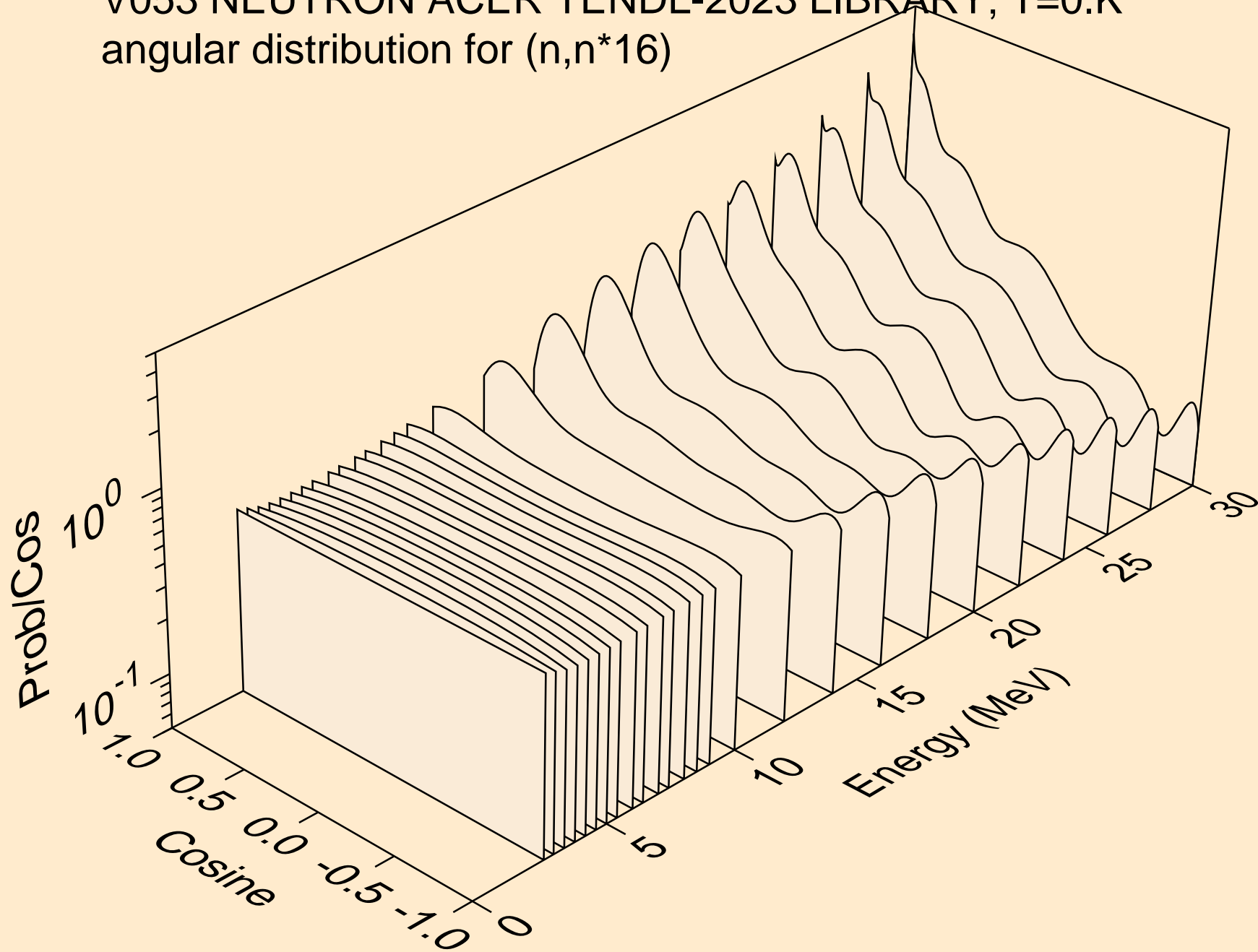
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angular distribution for (n,n\*14)



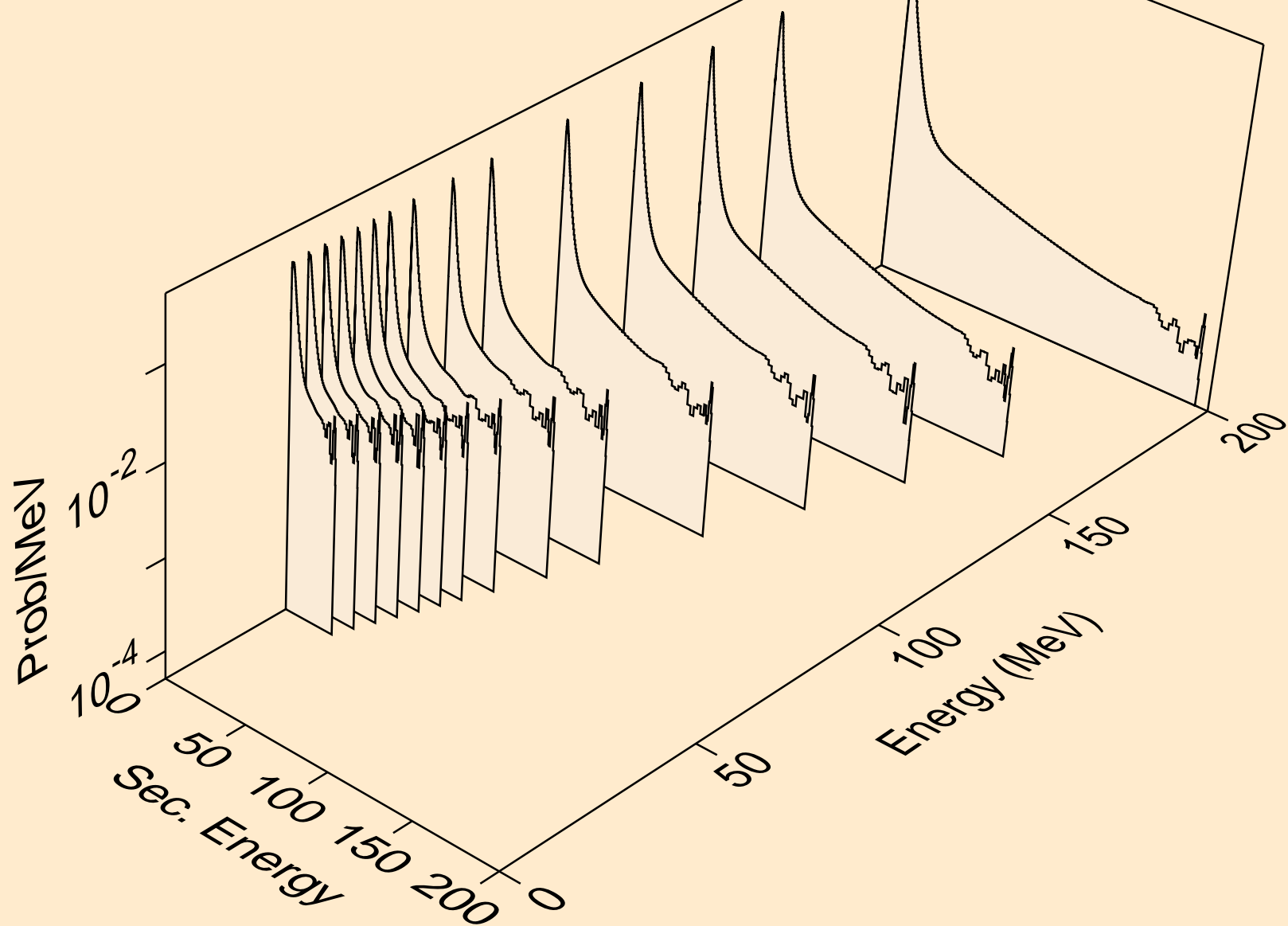
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angular distribution for (n,n\*15)



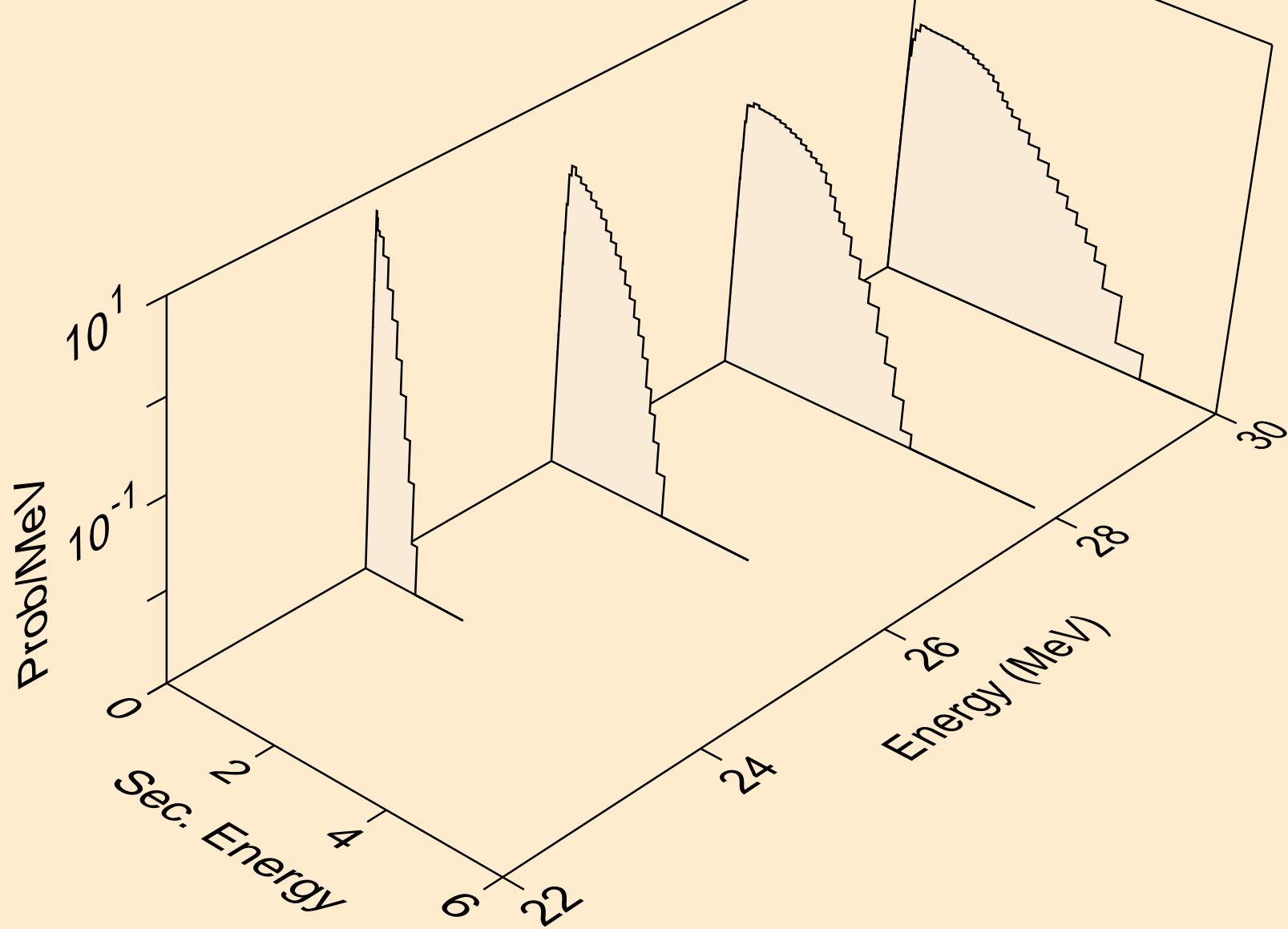
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angular distribution for (n,n\*16)



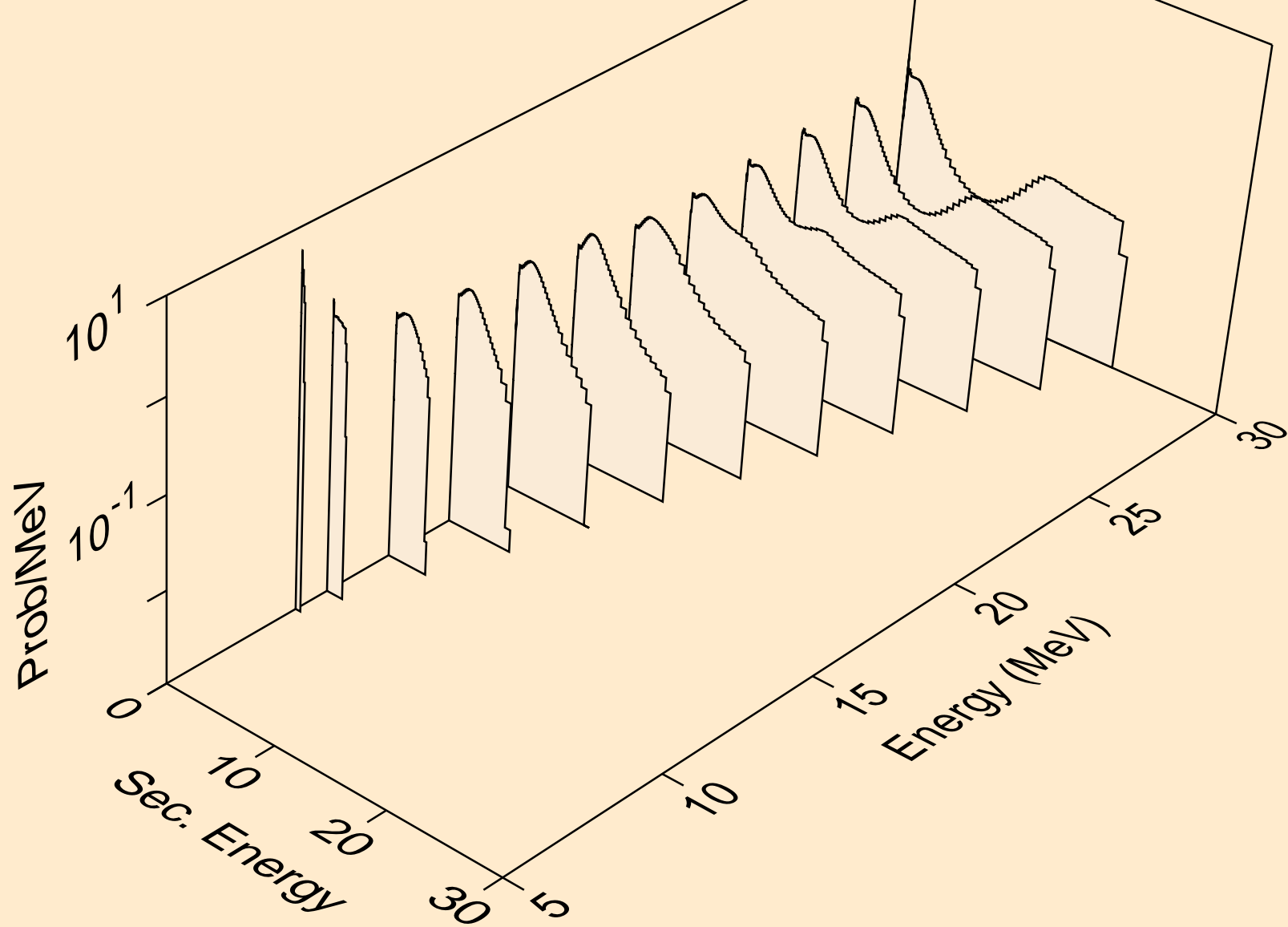
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



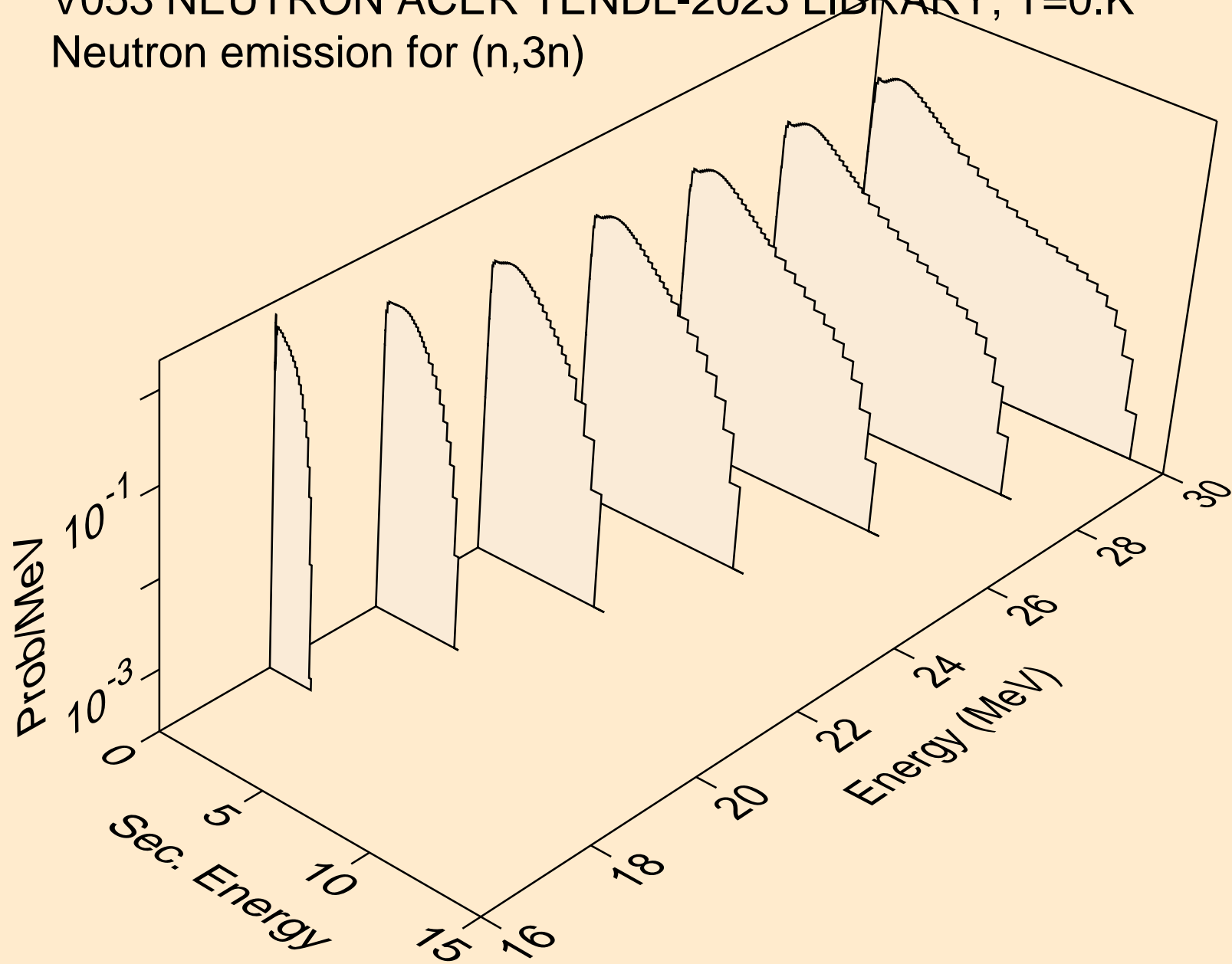
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



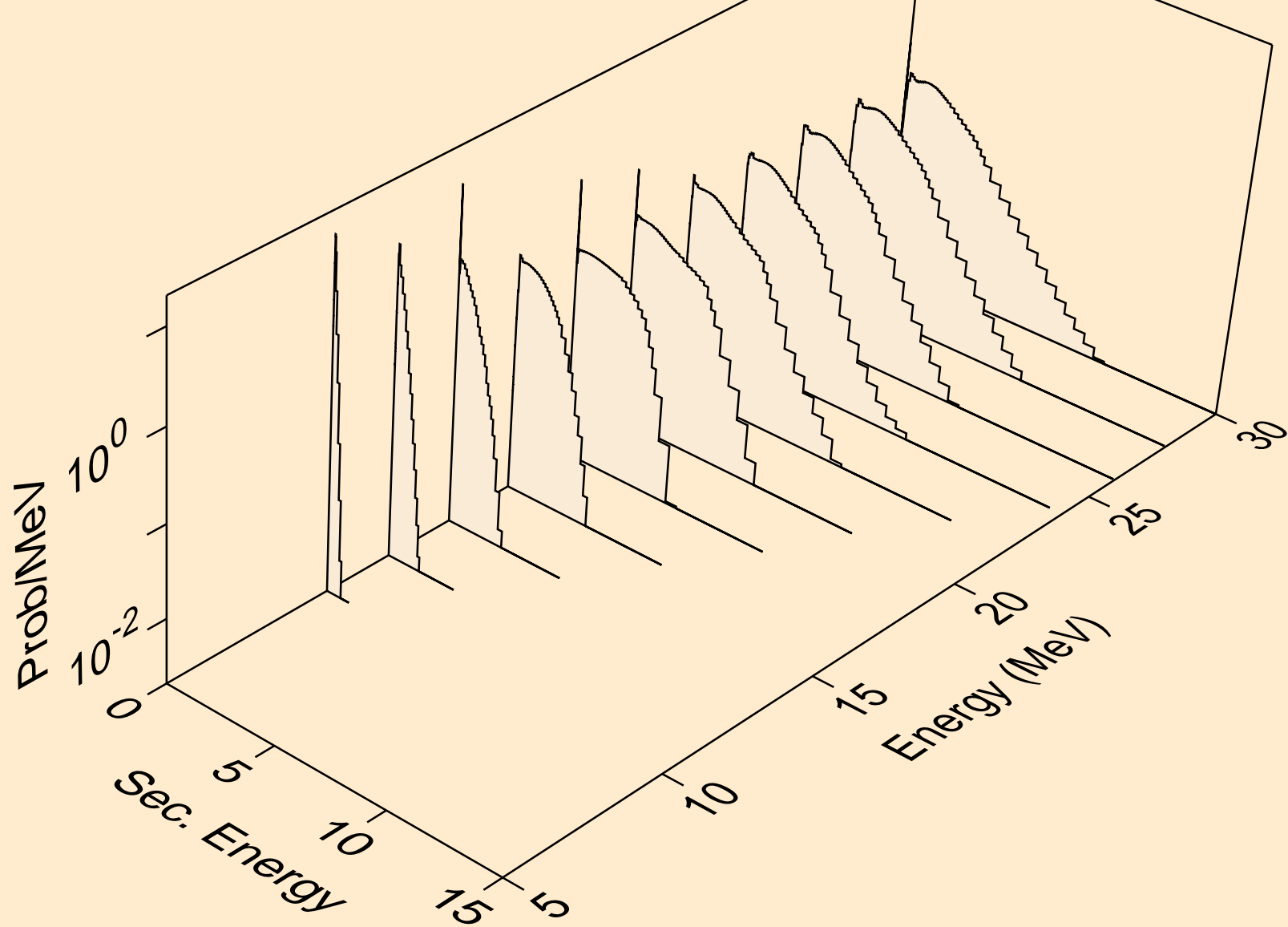
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

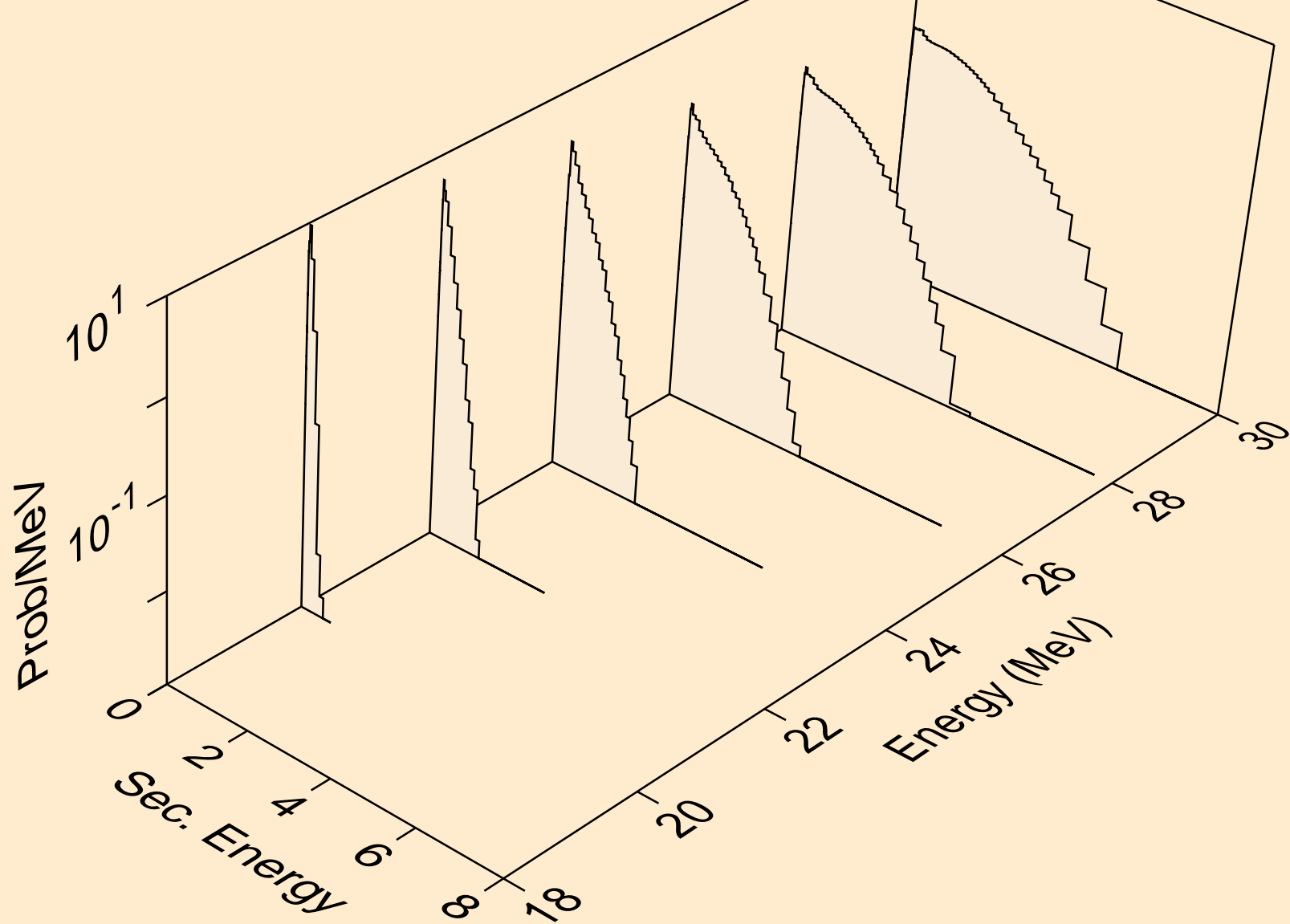


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

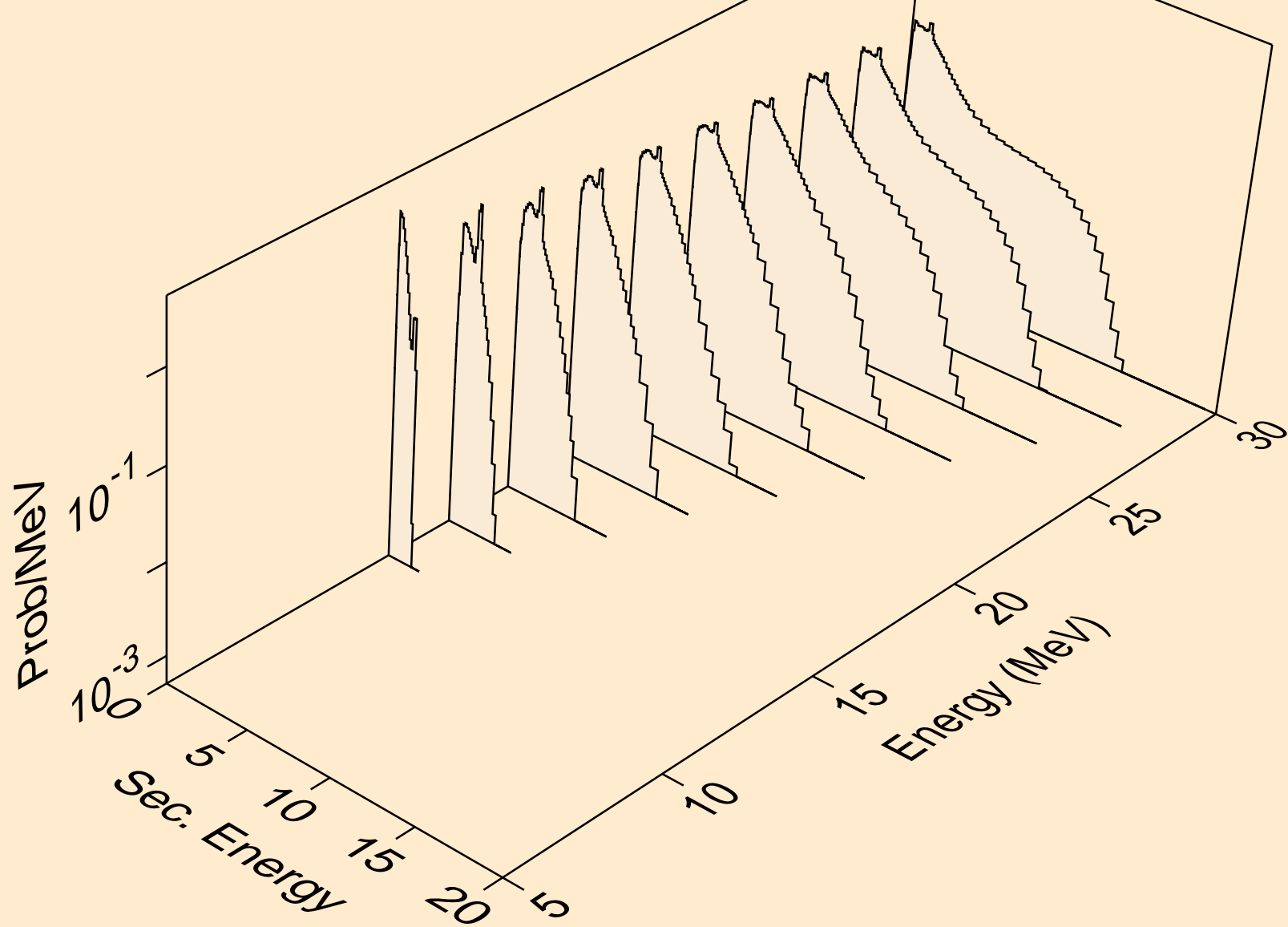




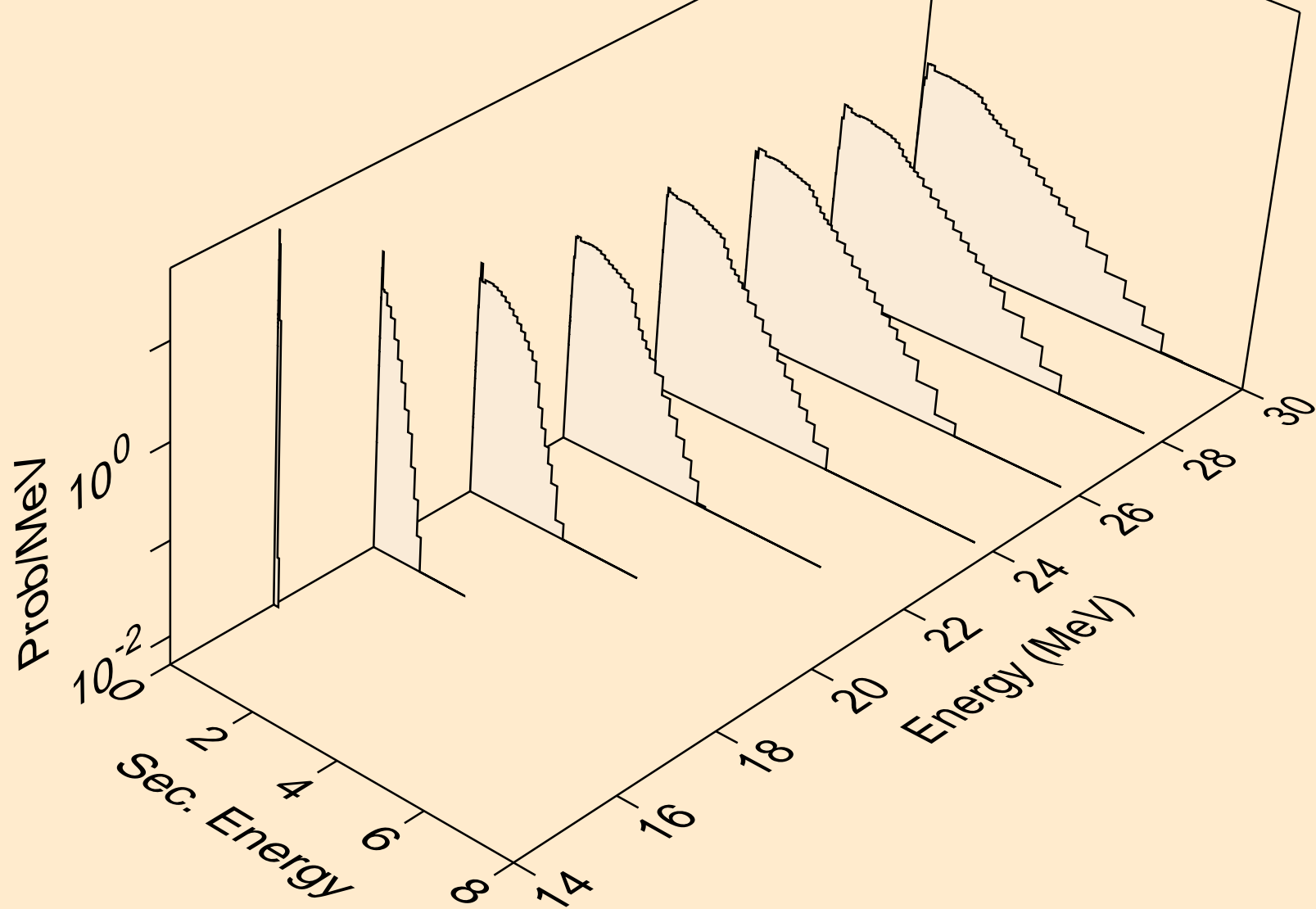
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



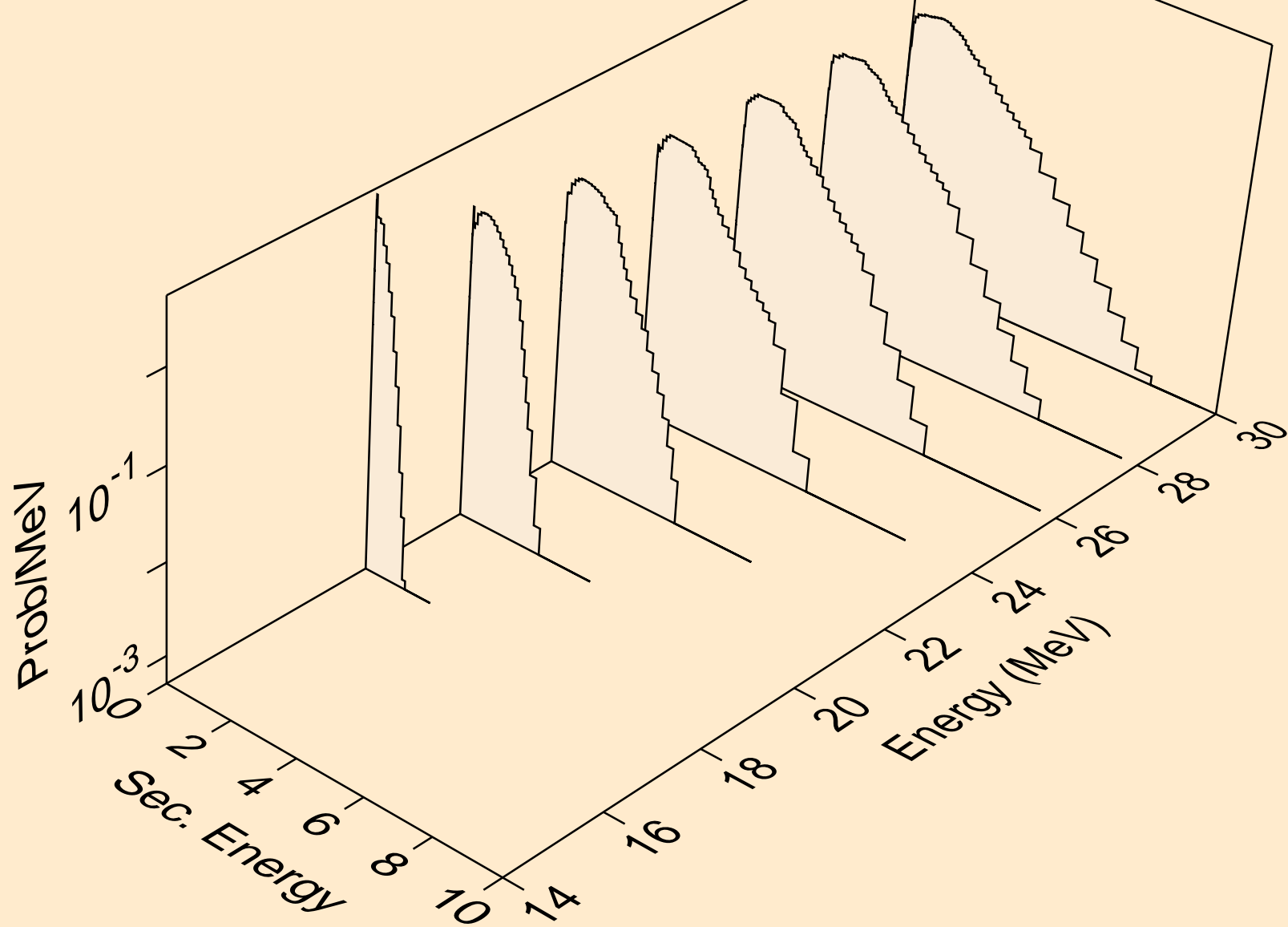
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



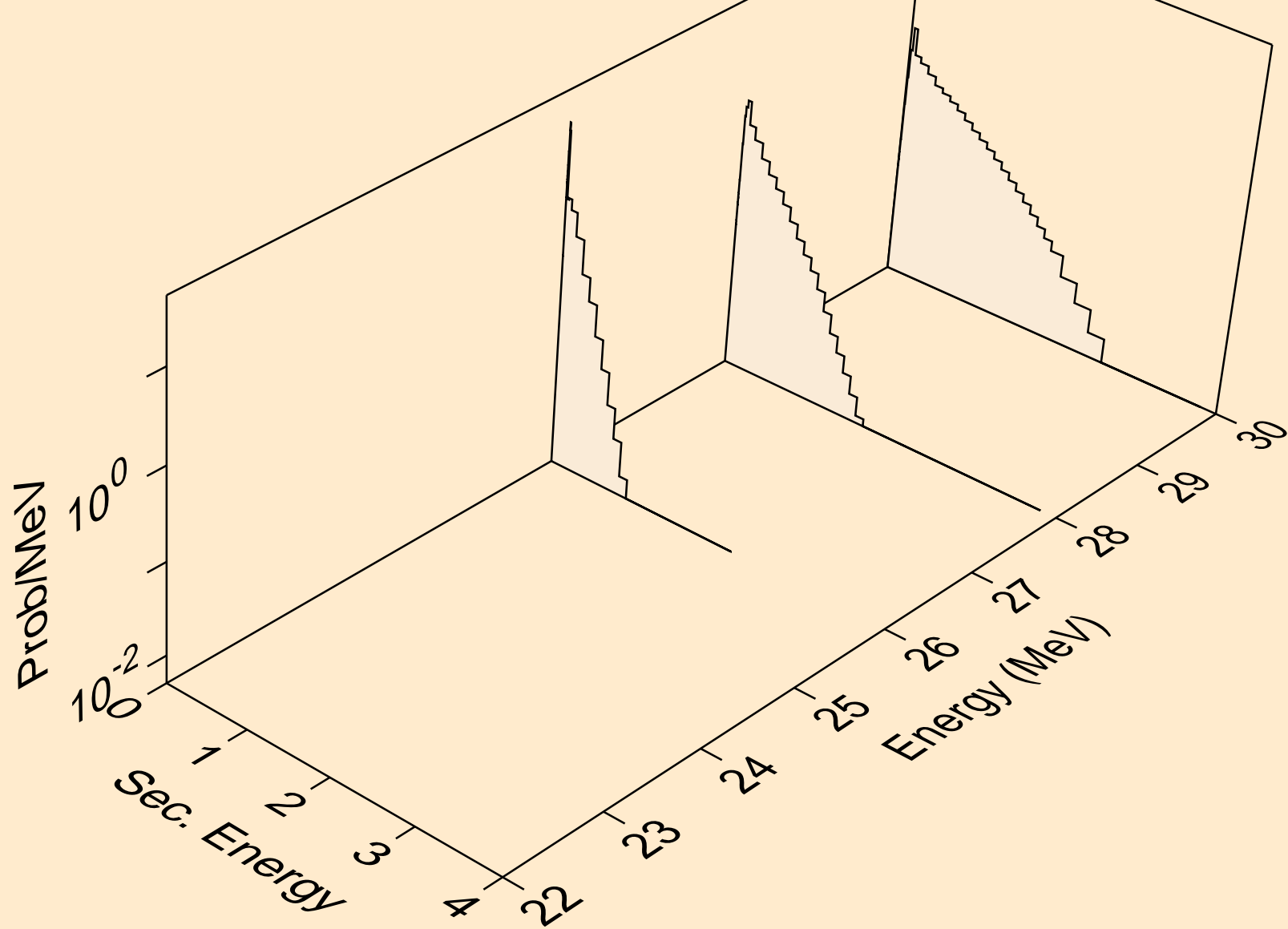
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



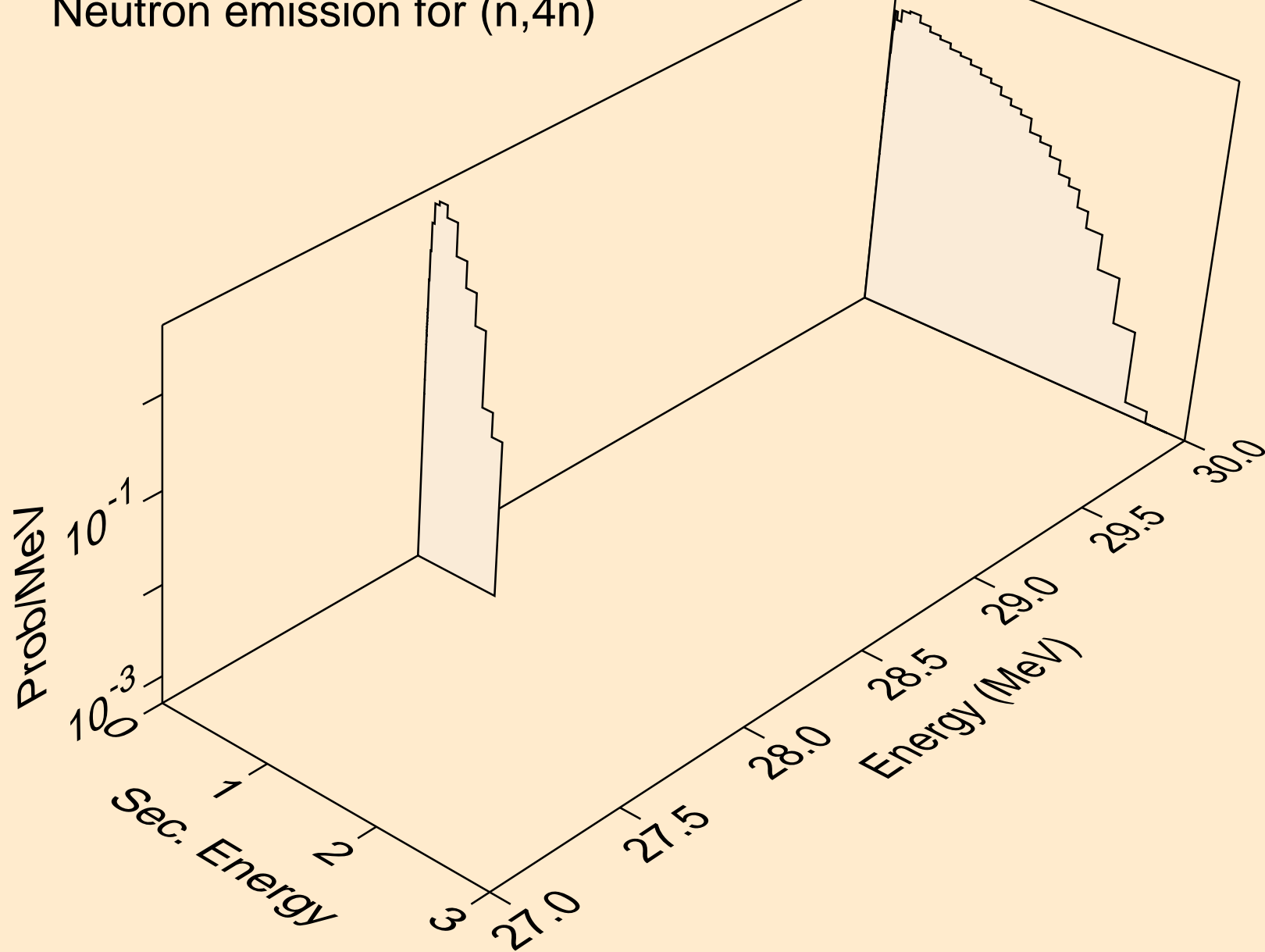
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



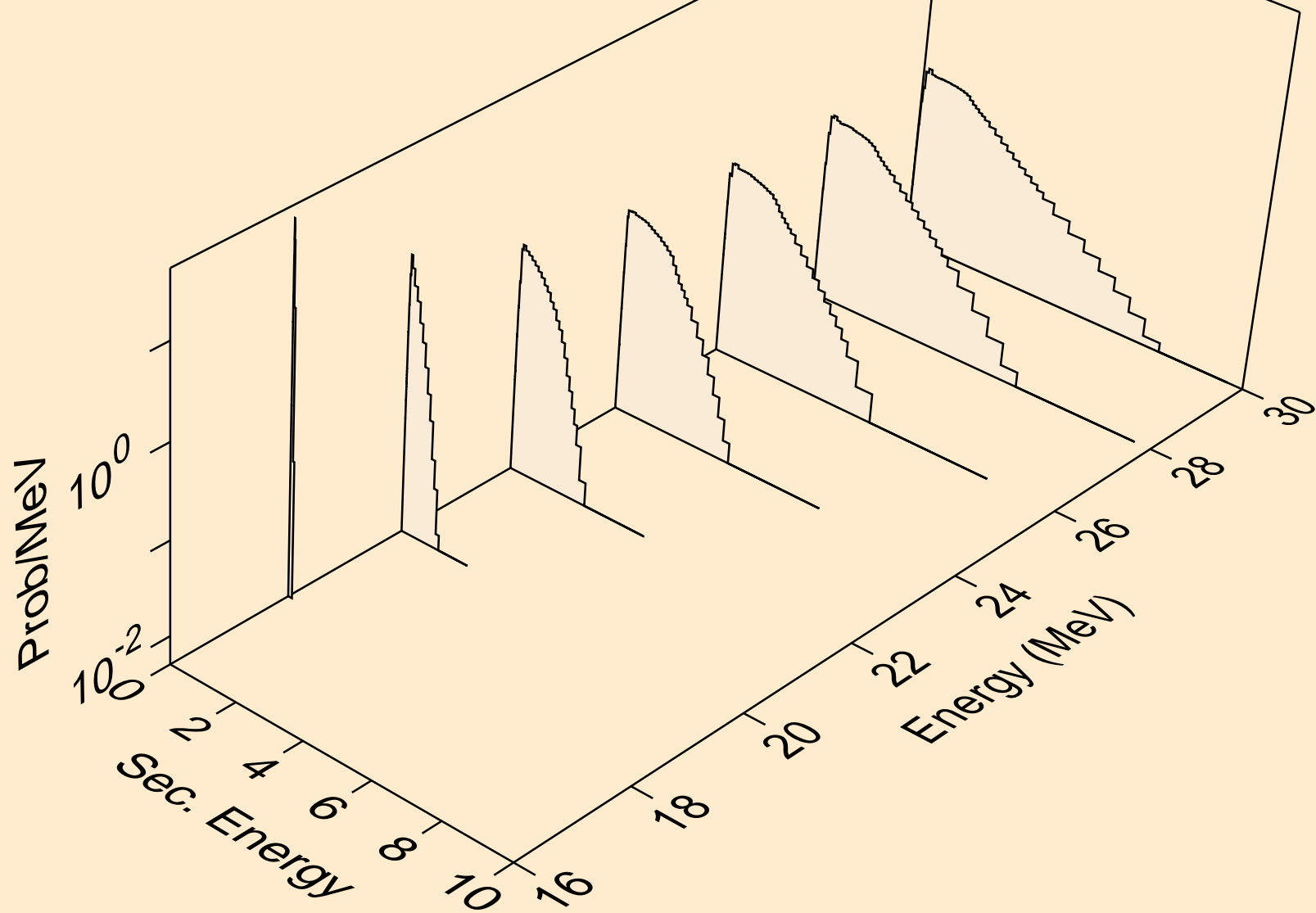
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



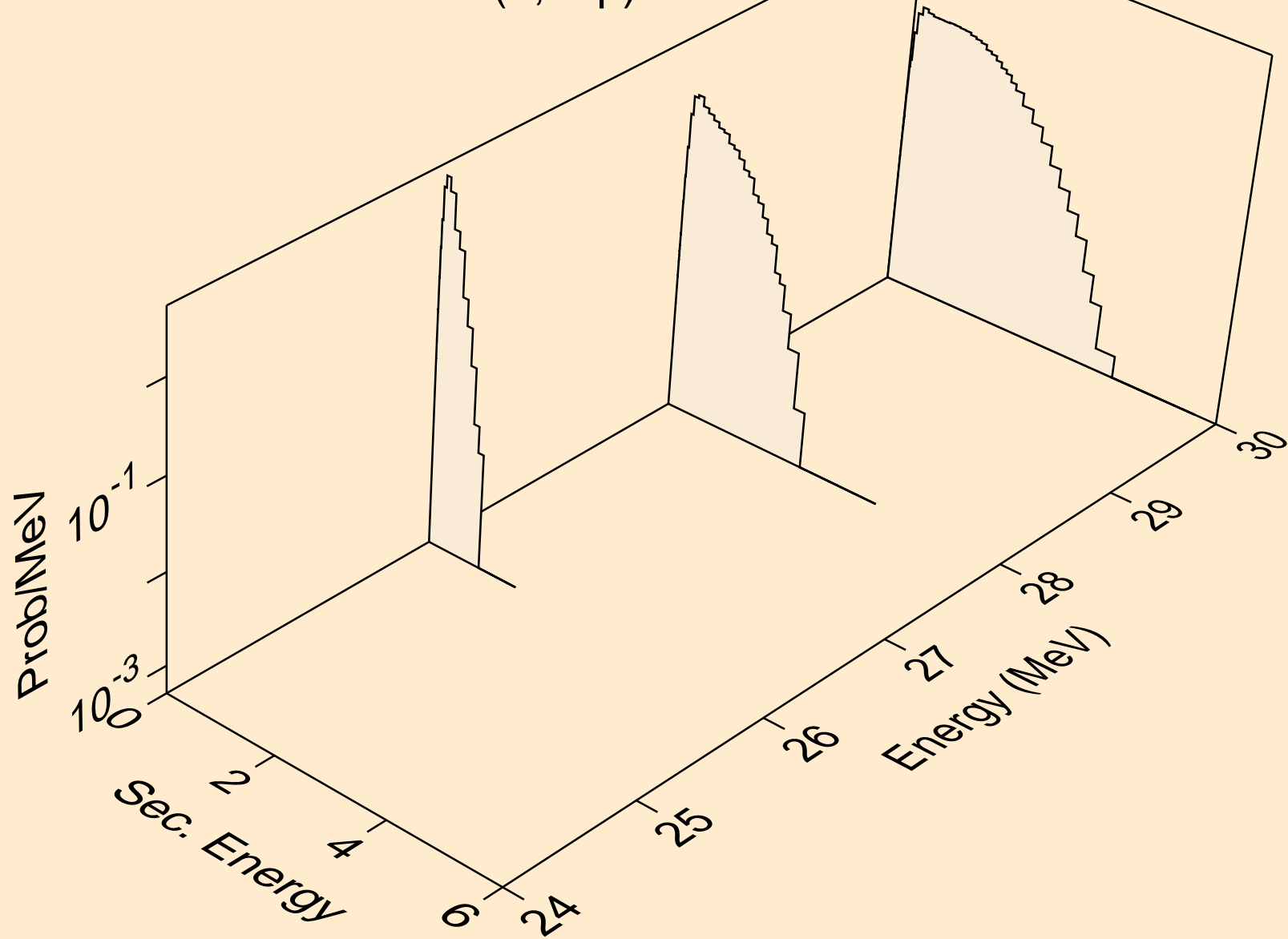
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

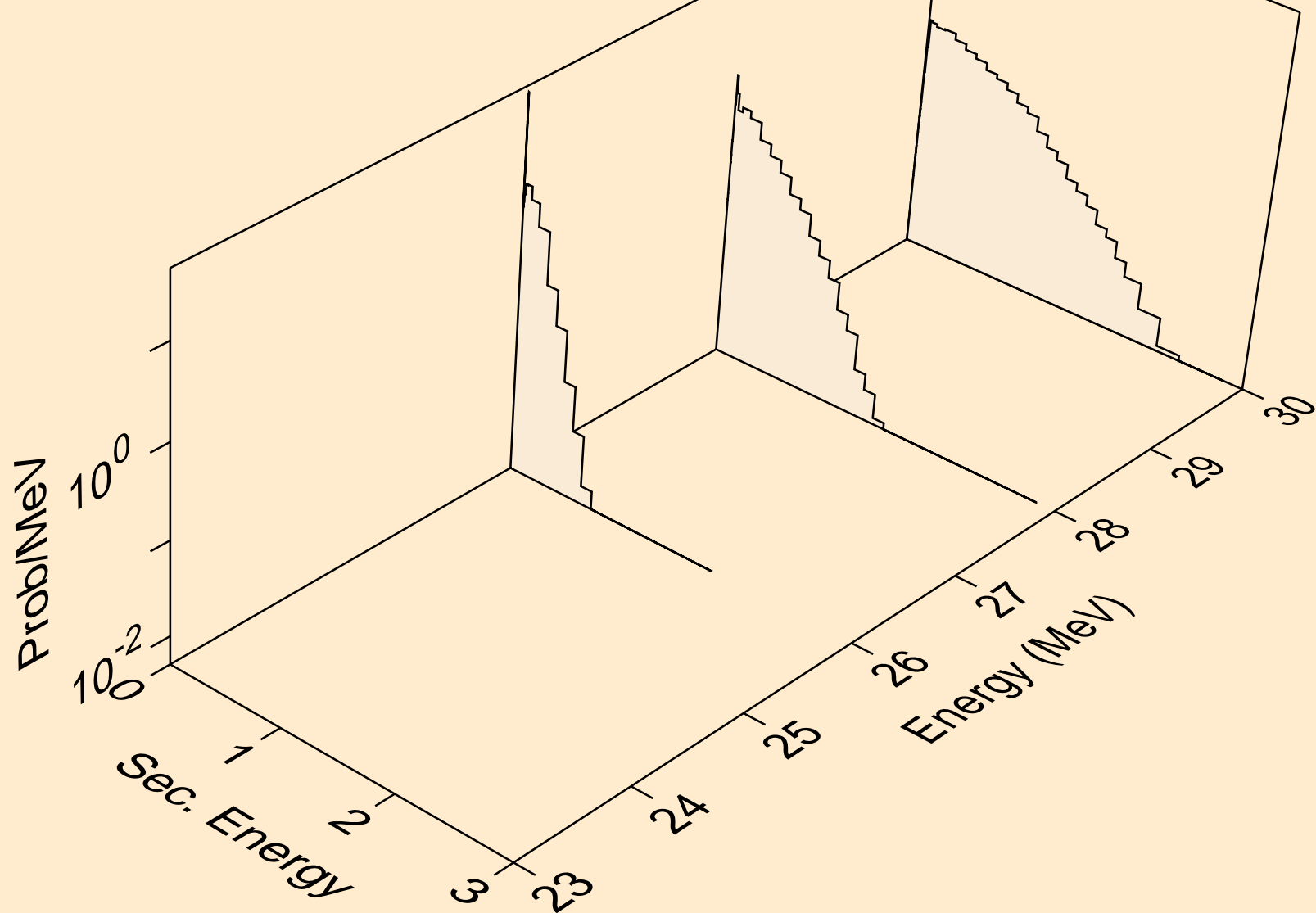


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

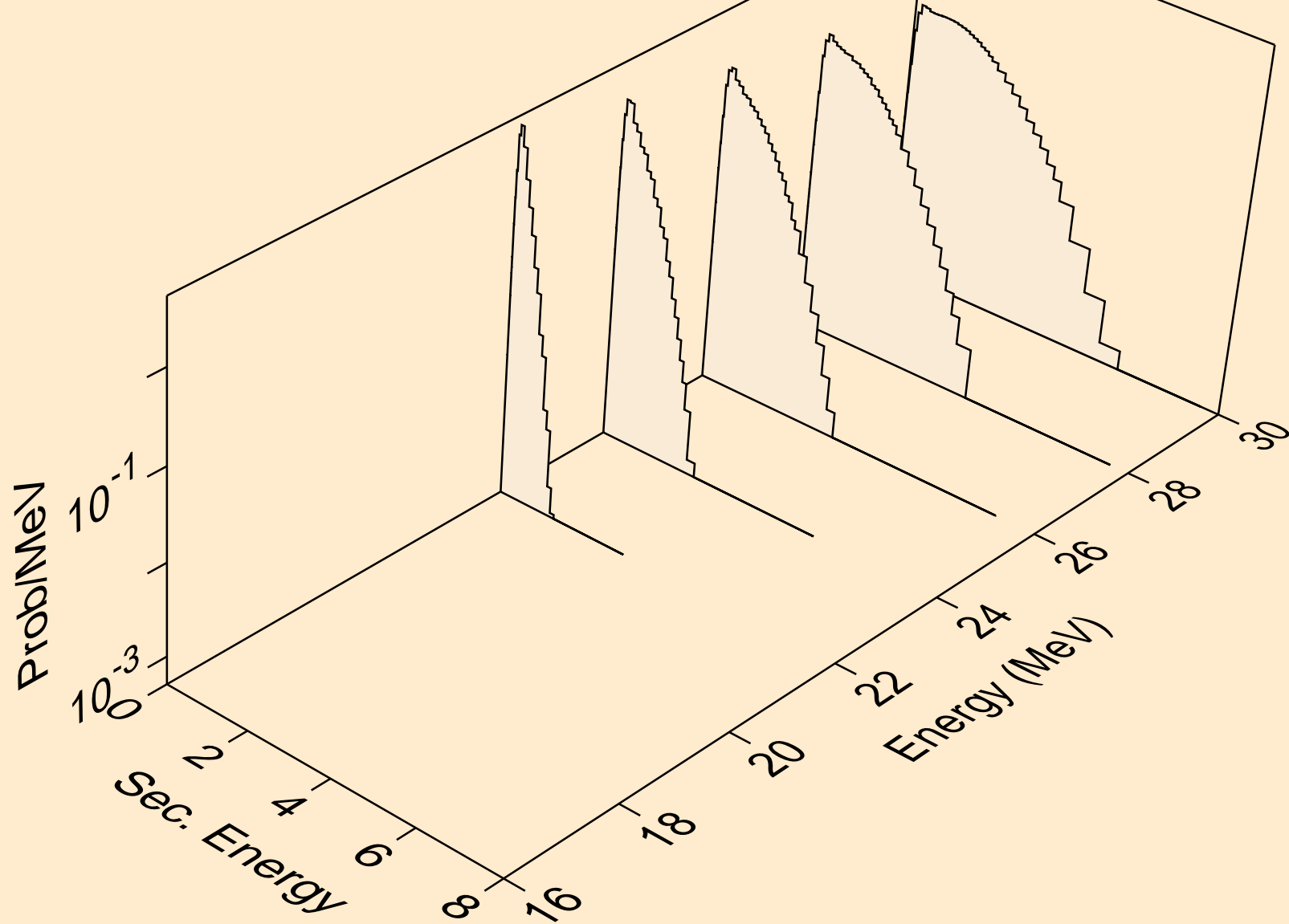




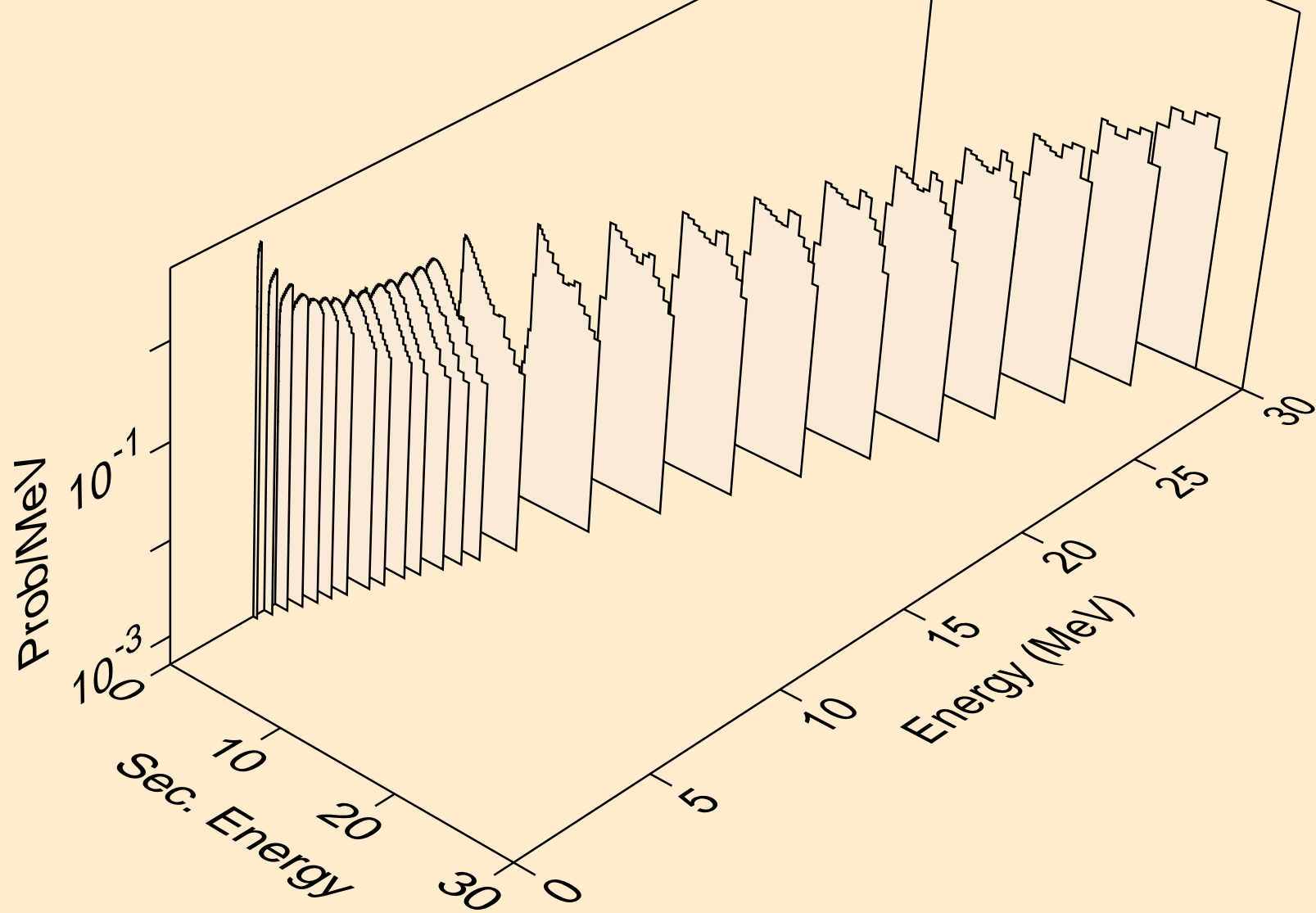
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



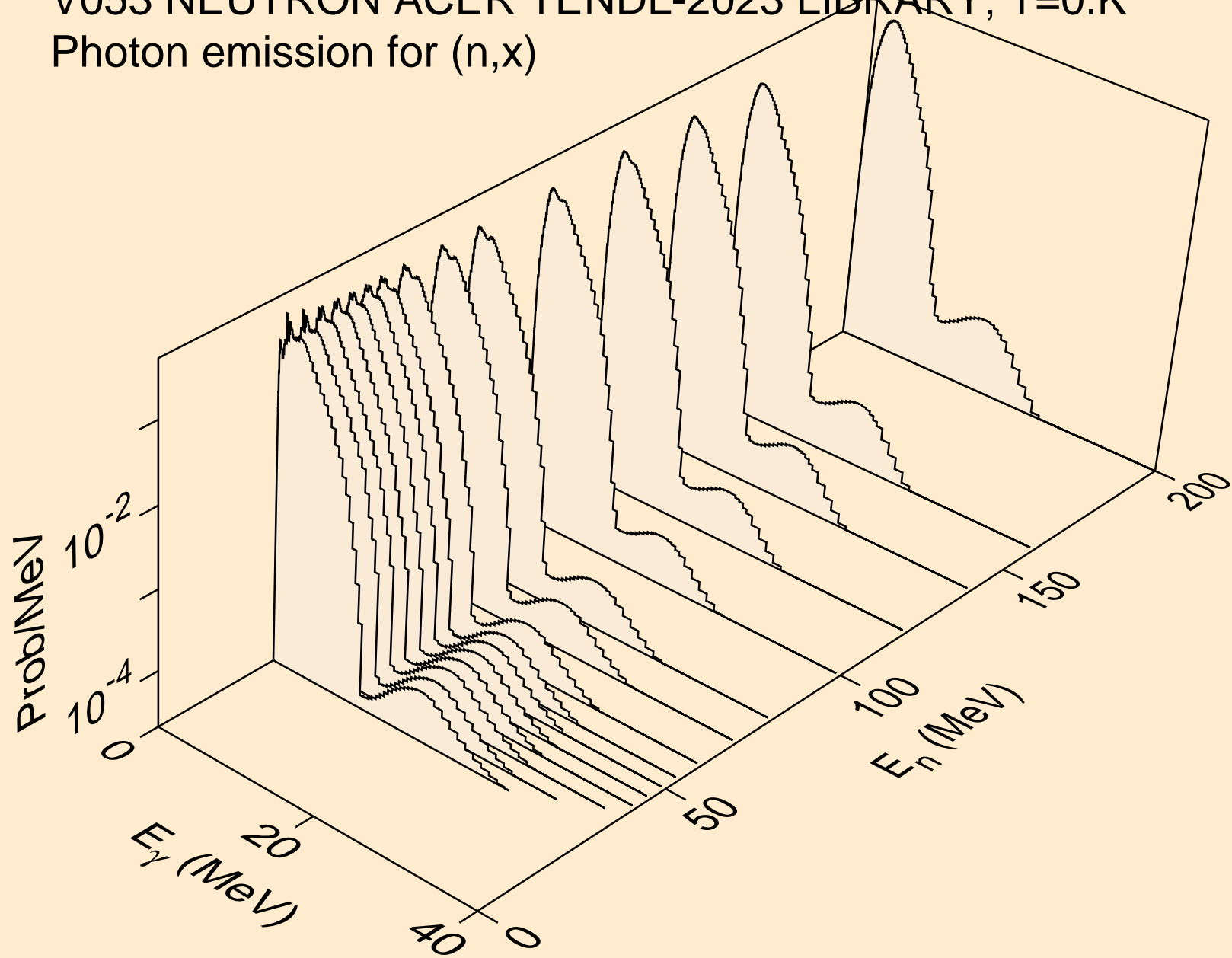
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Neutron emission for (n,npa)



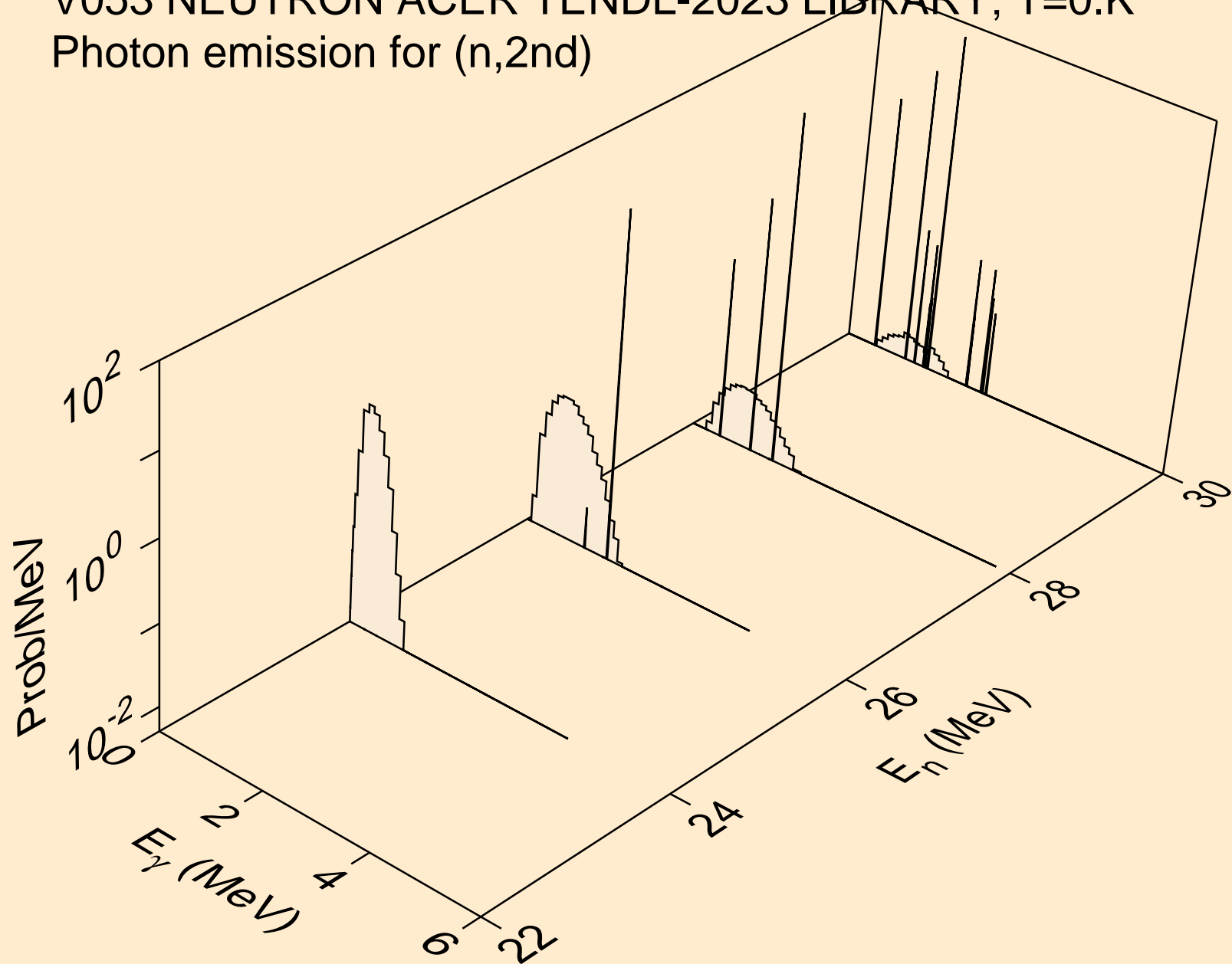
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



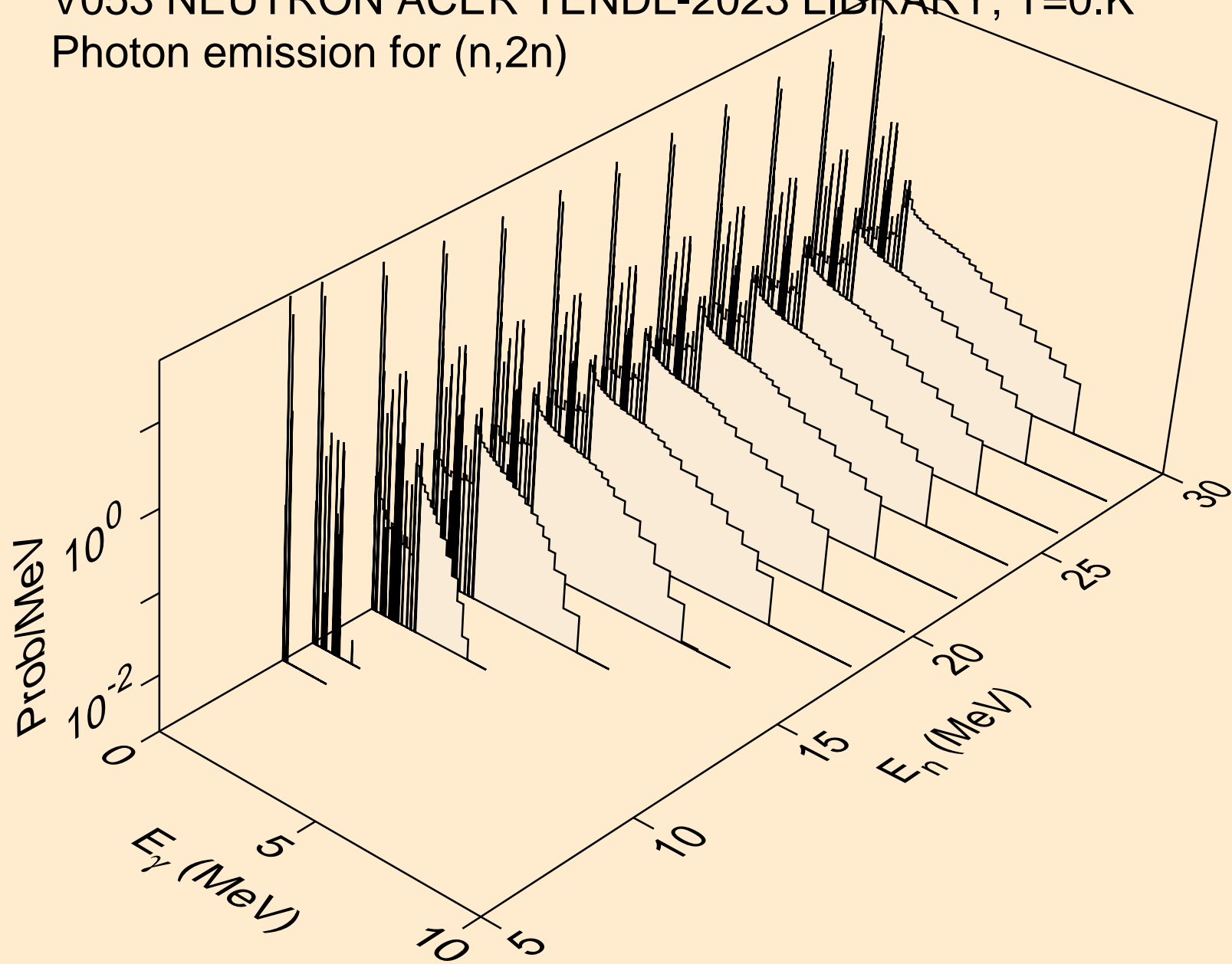
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



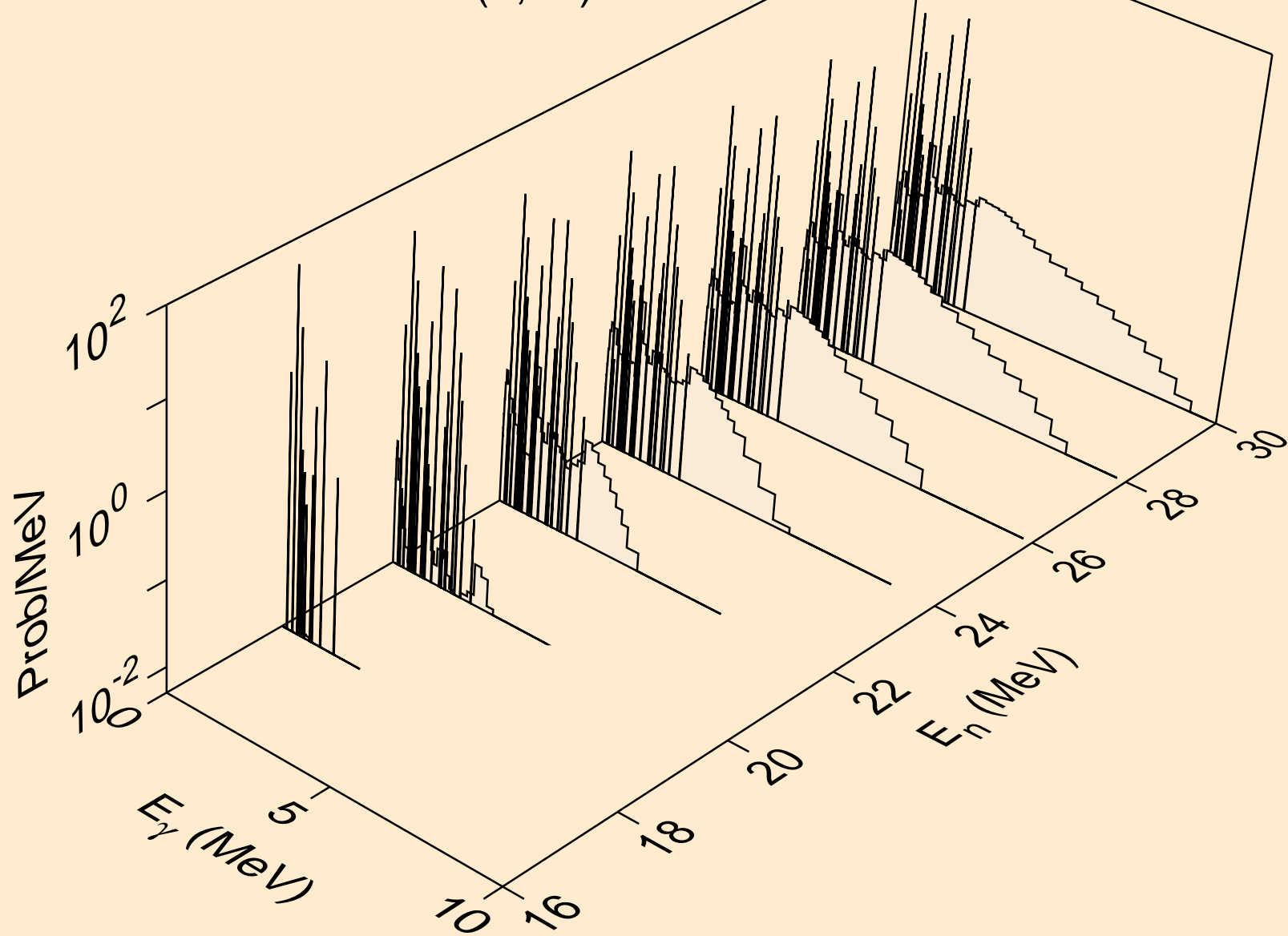
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Photon emission for (n,2nd)



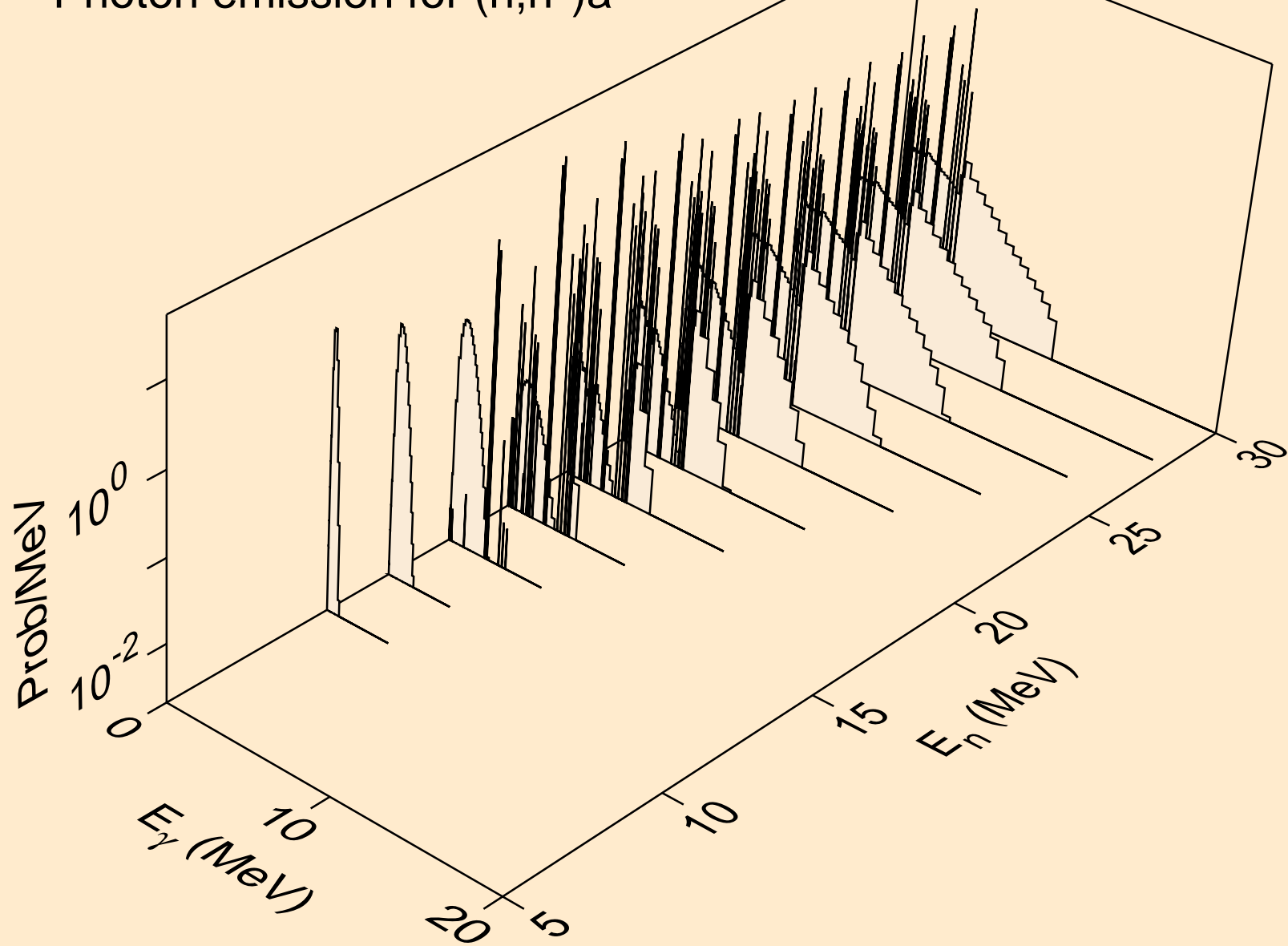
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

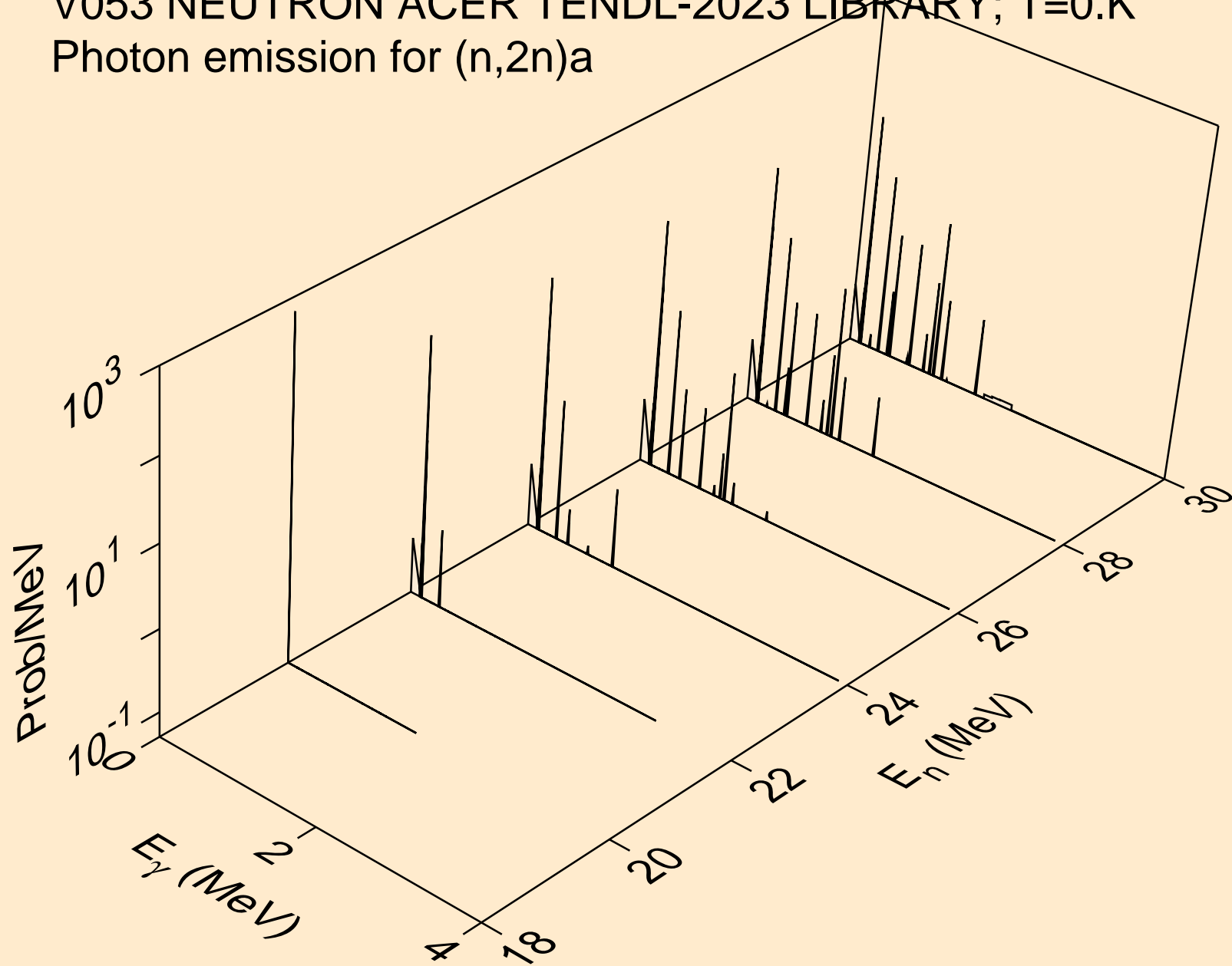


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

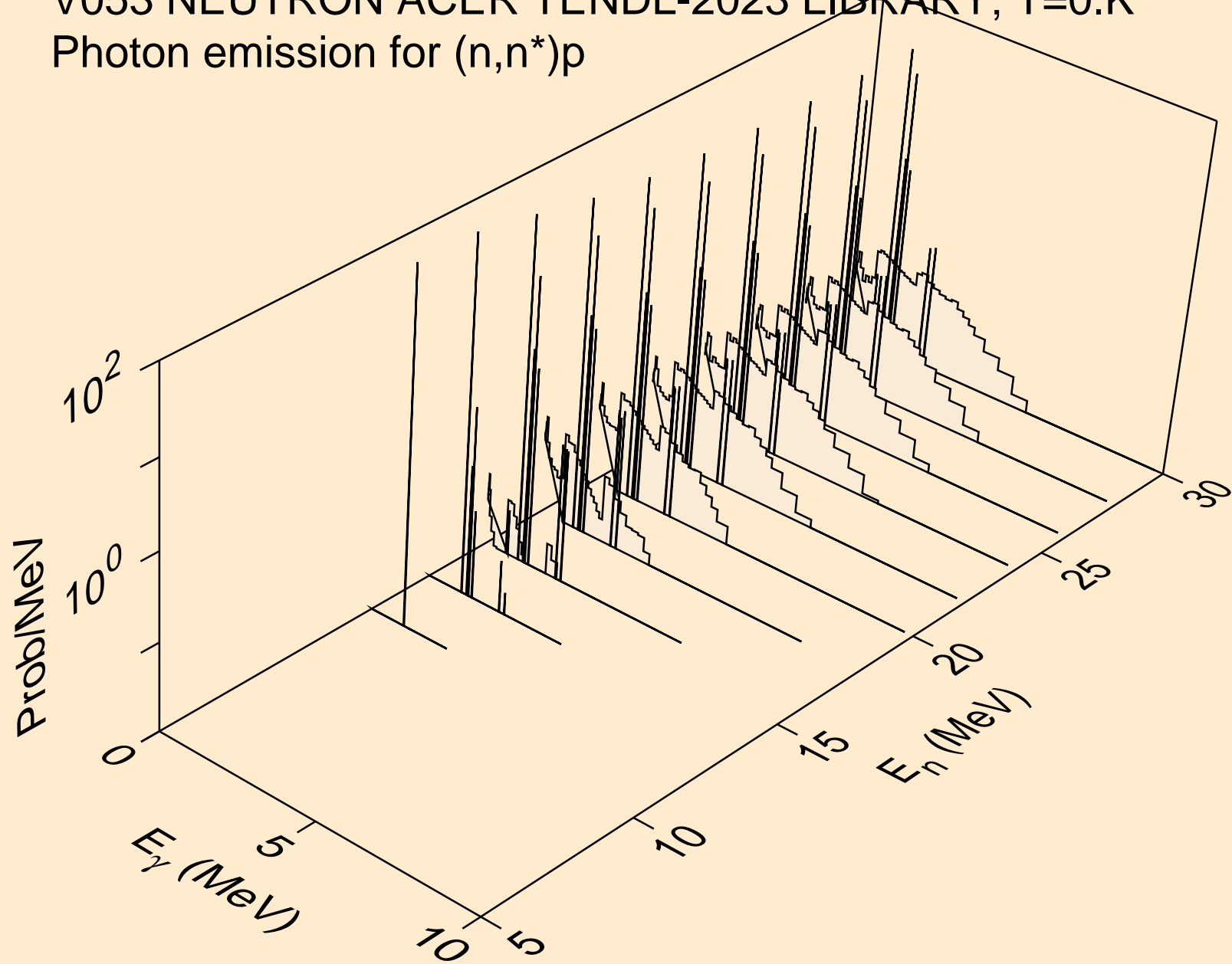




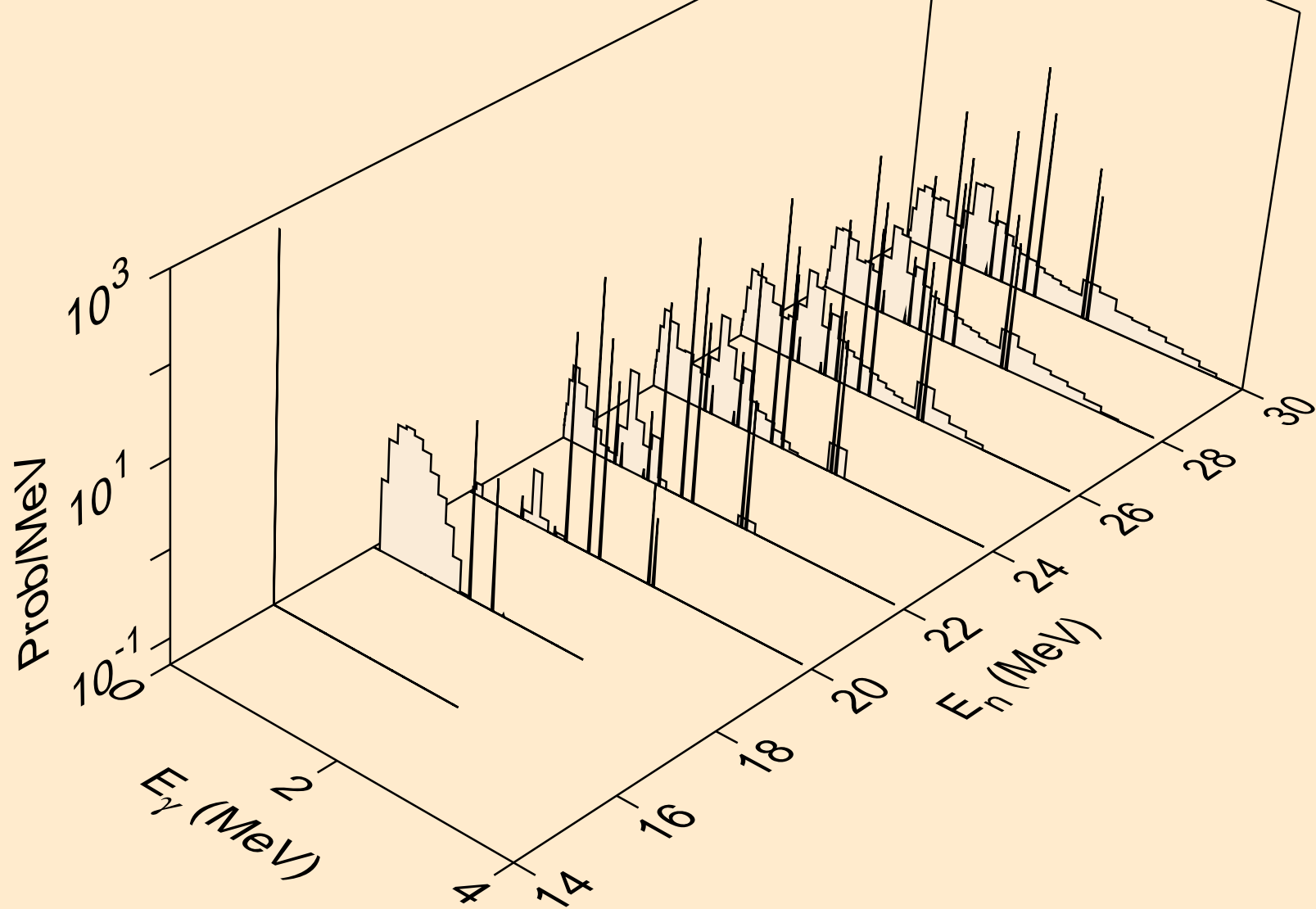
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



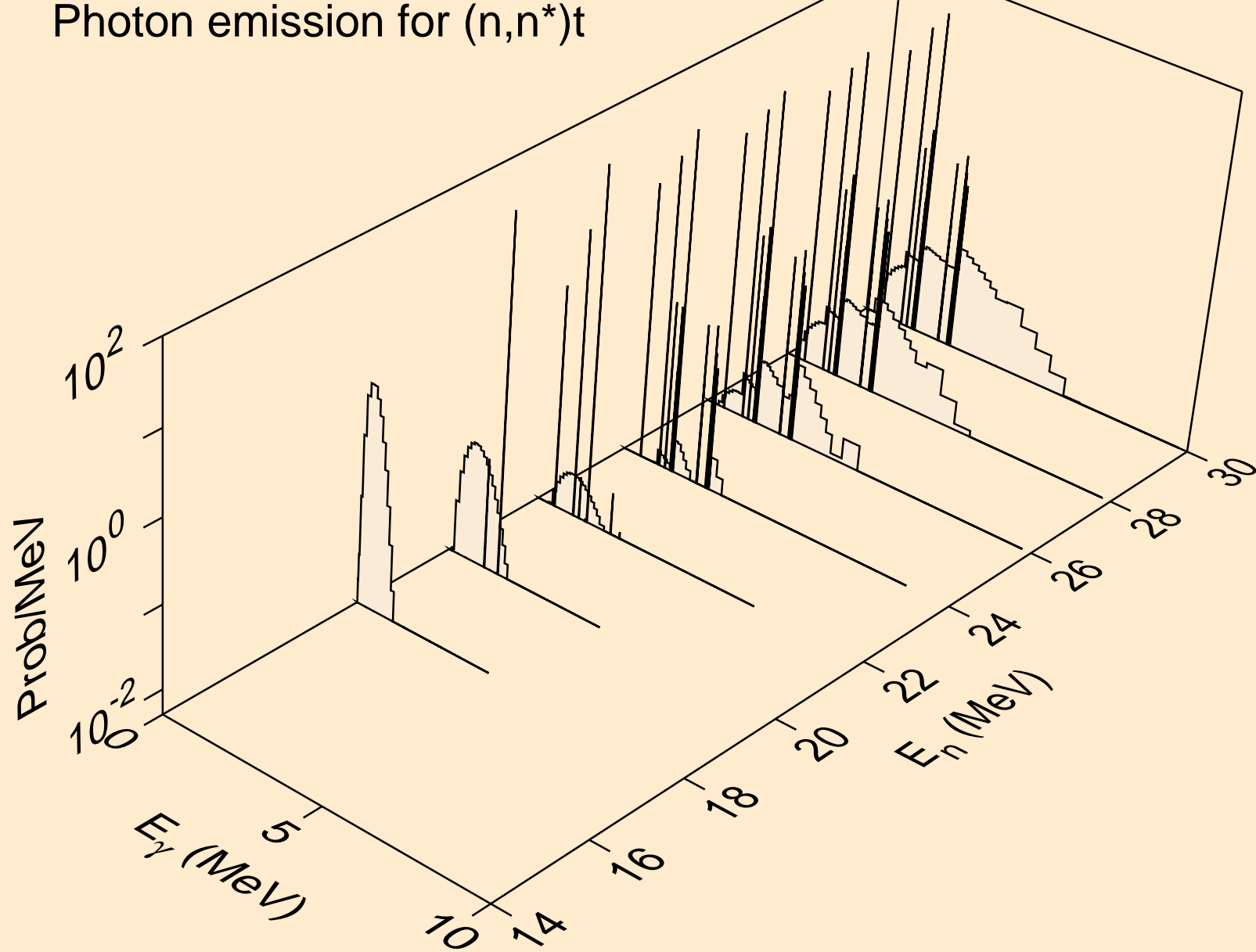
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



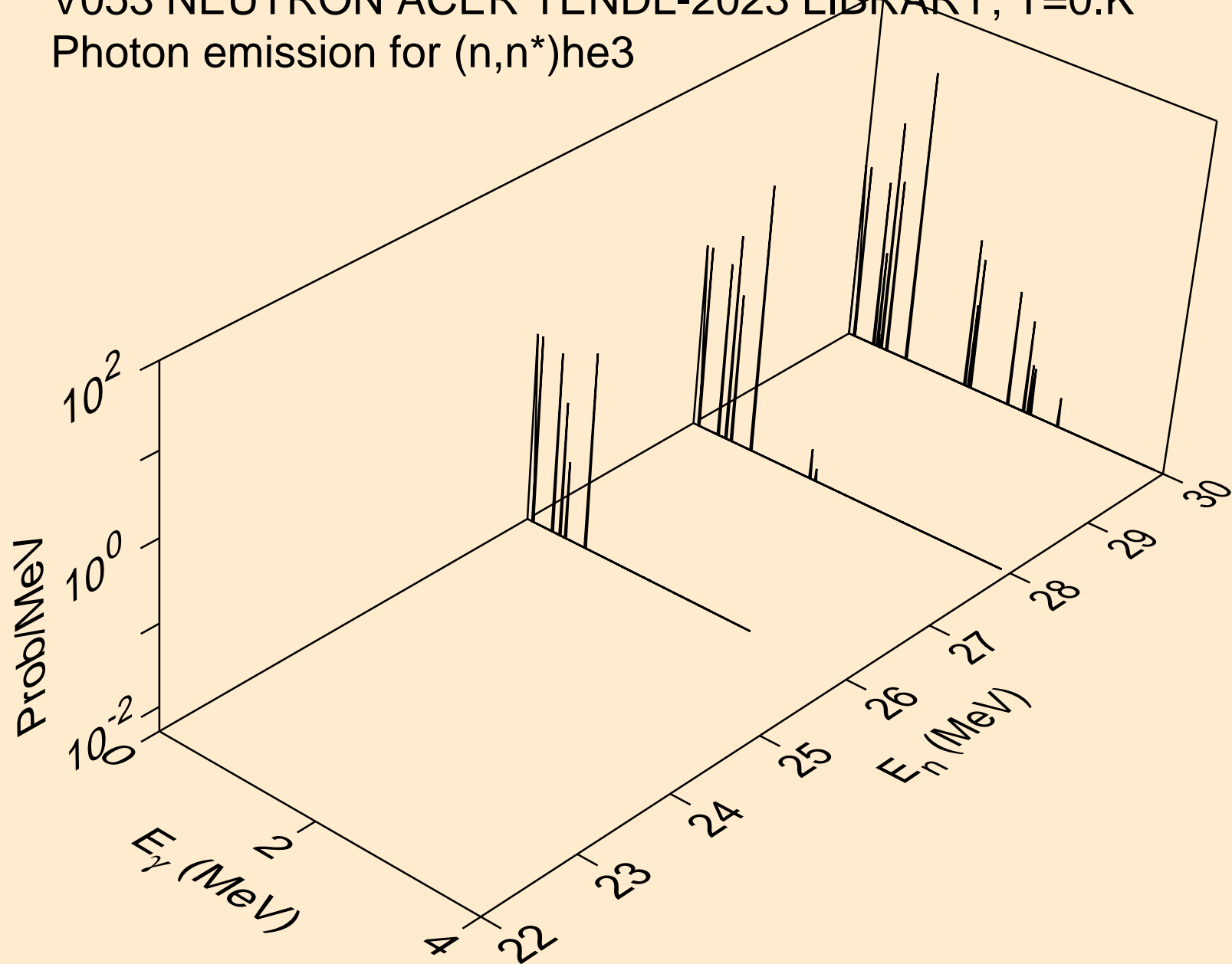
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



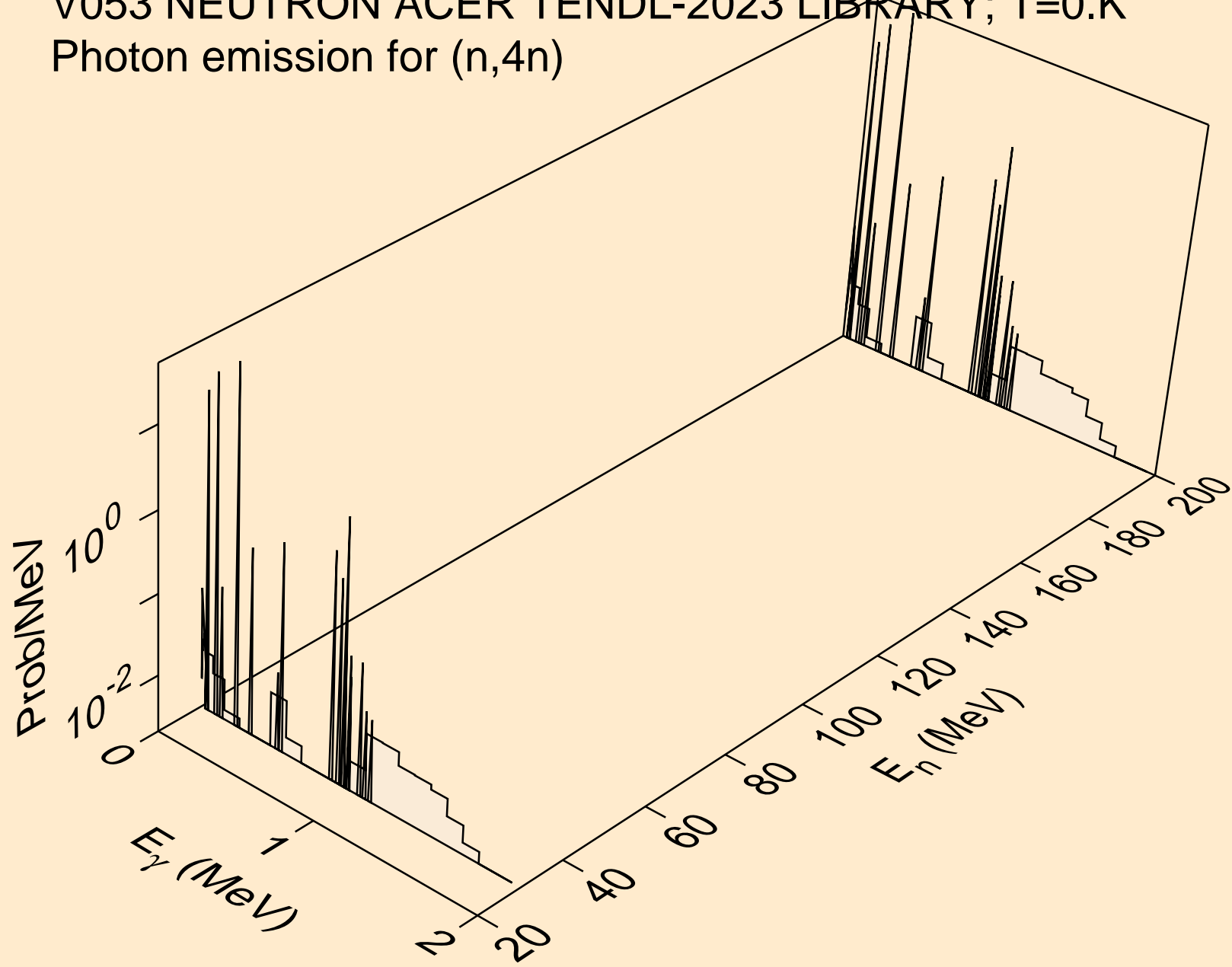
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



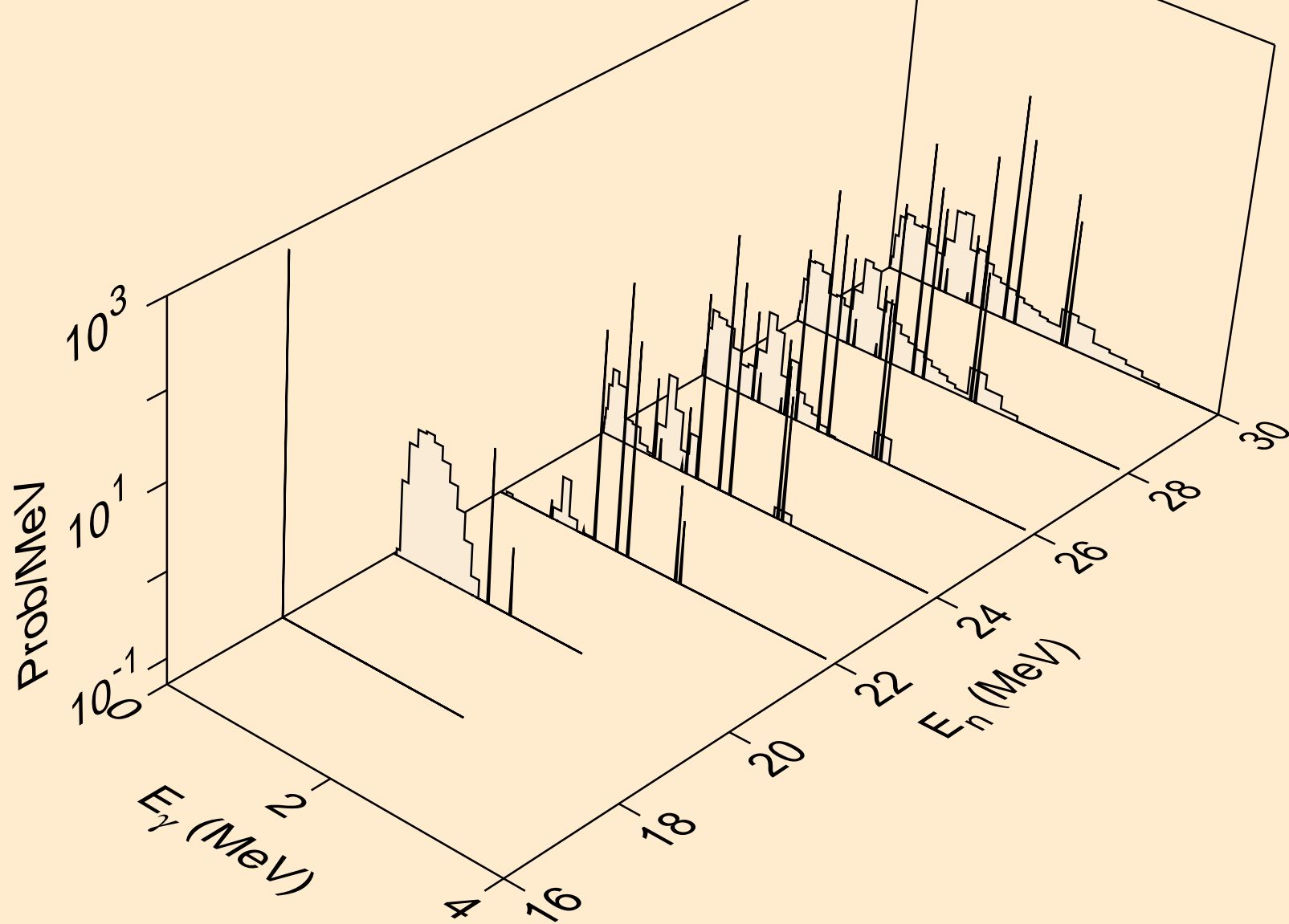
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



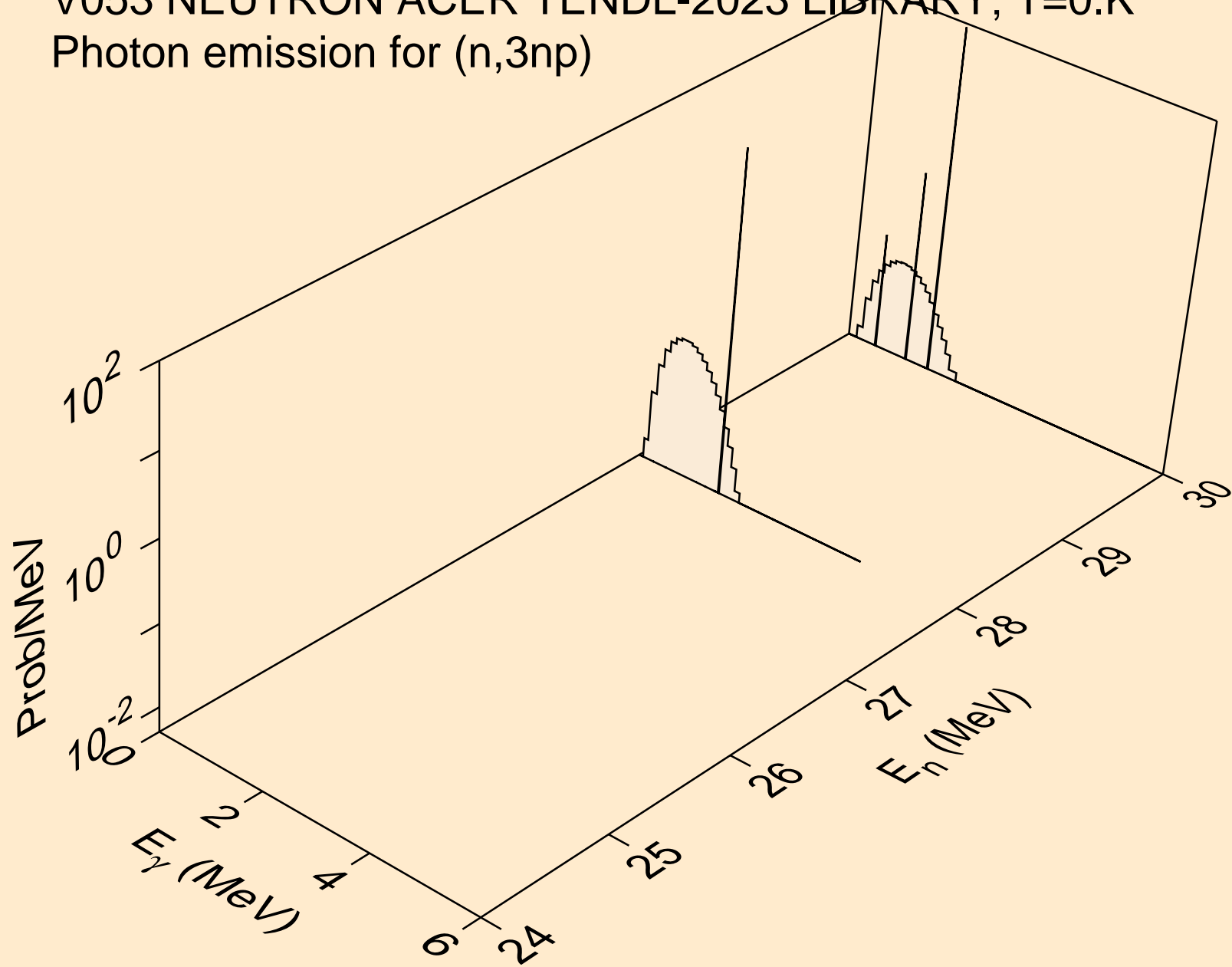
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

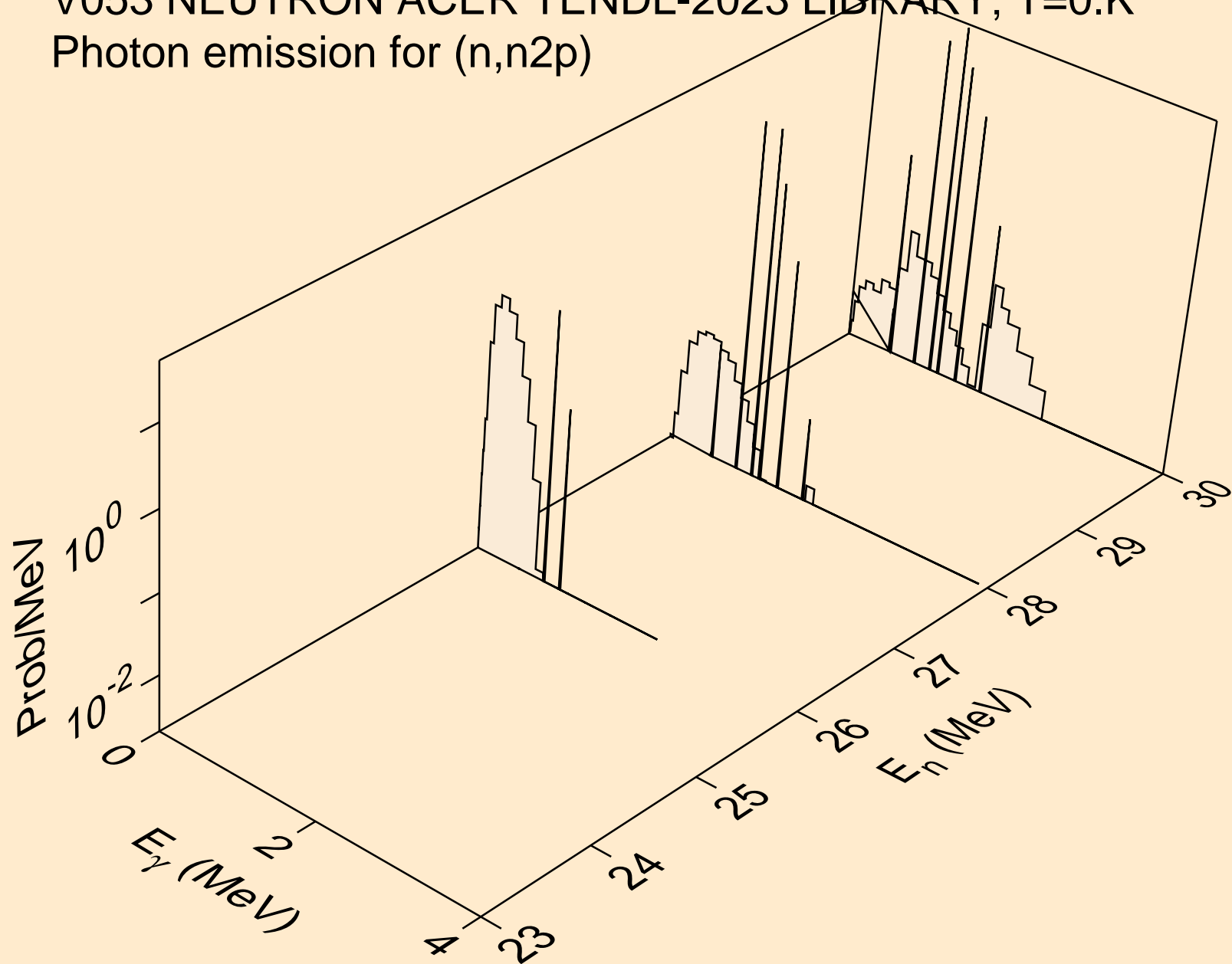


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

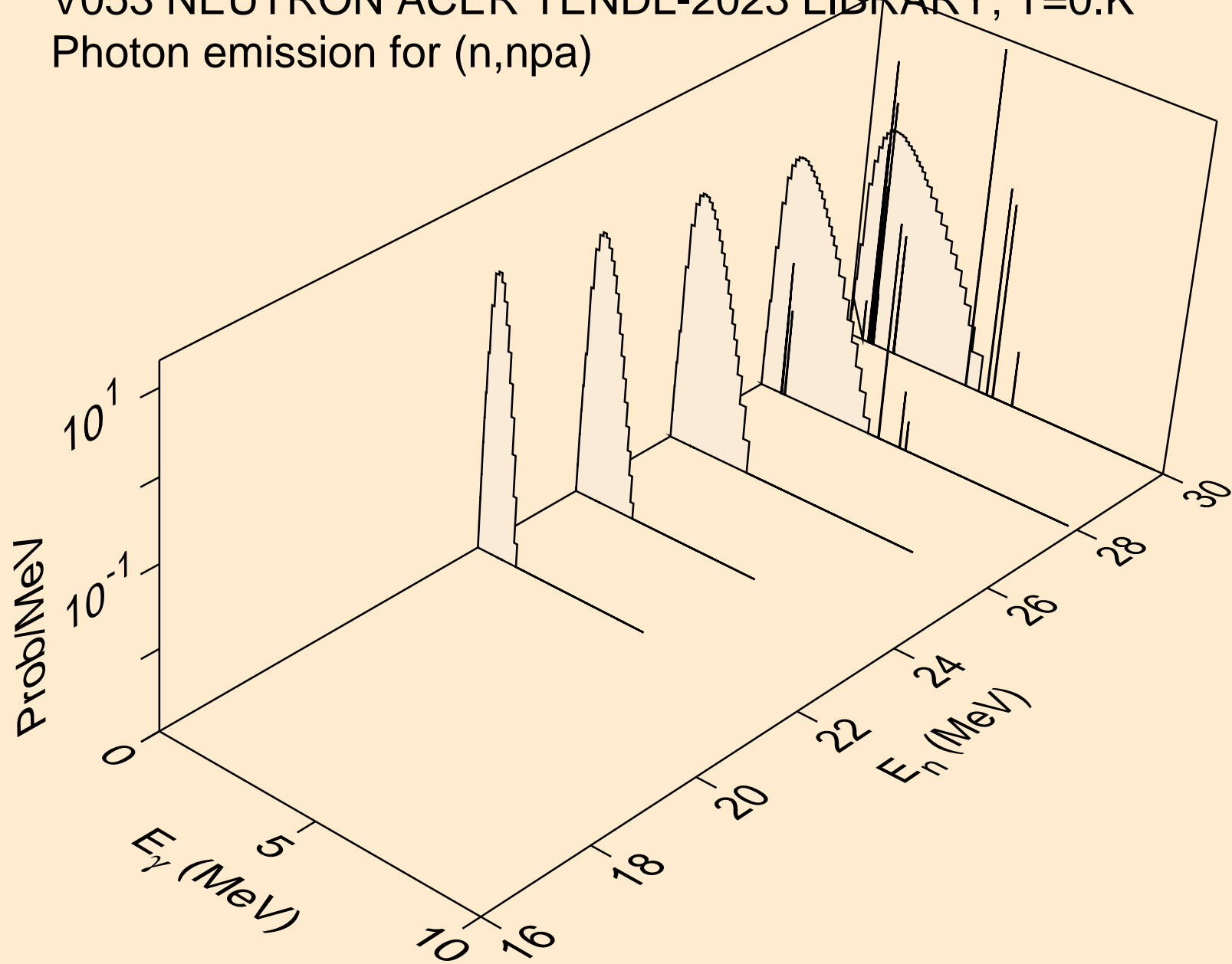




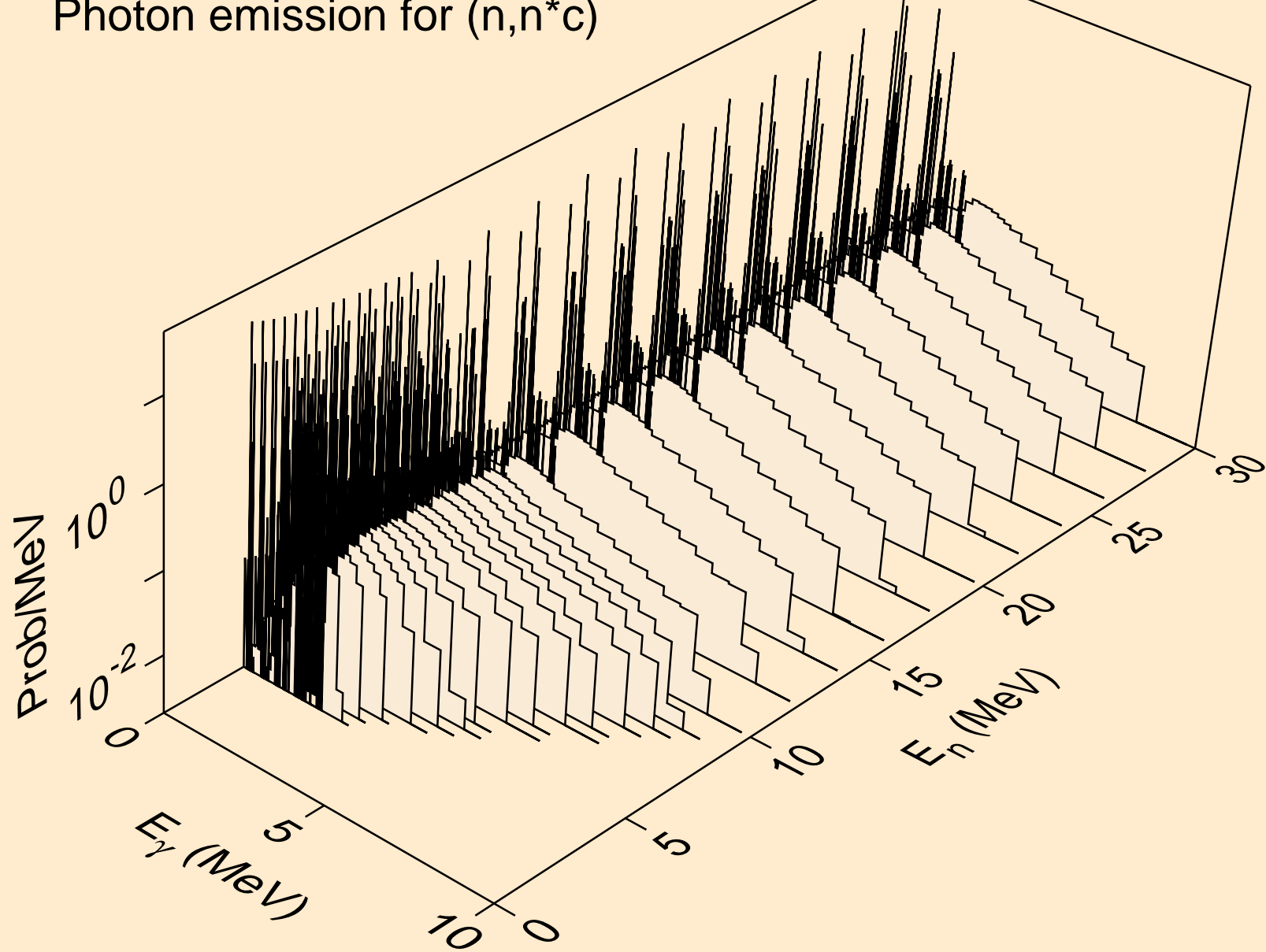
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



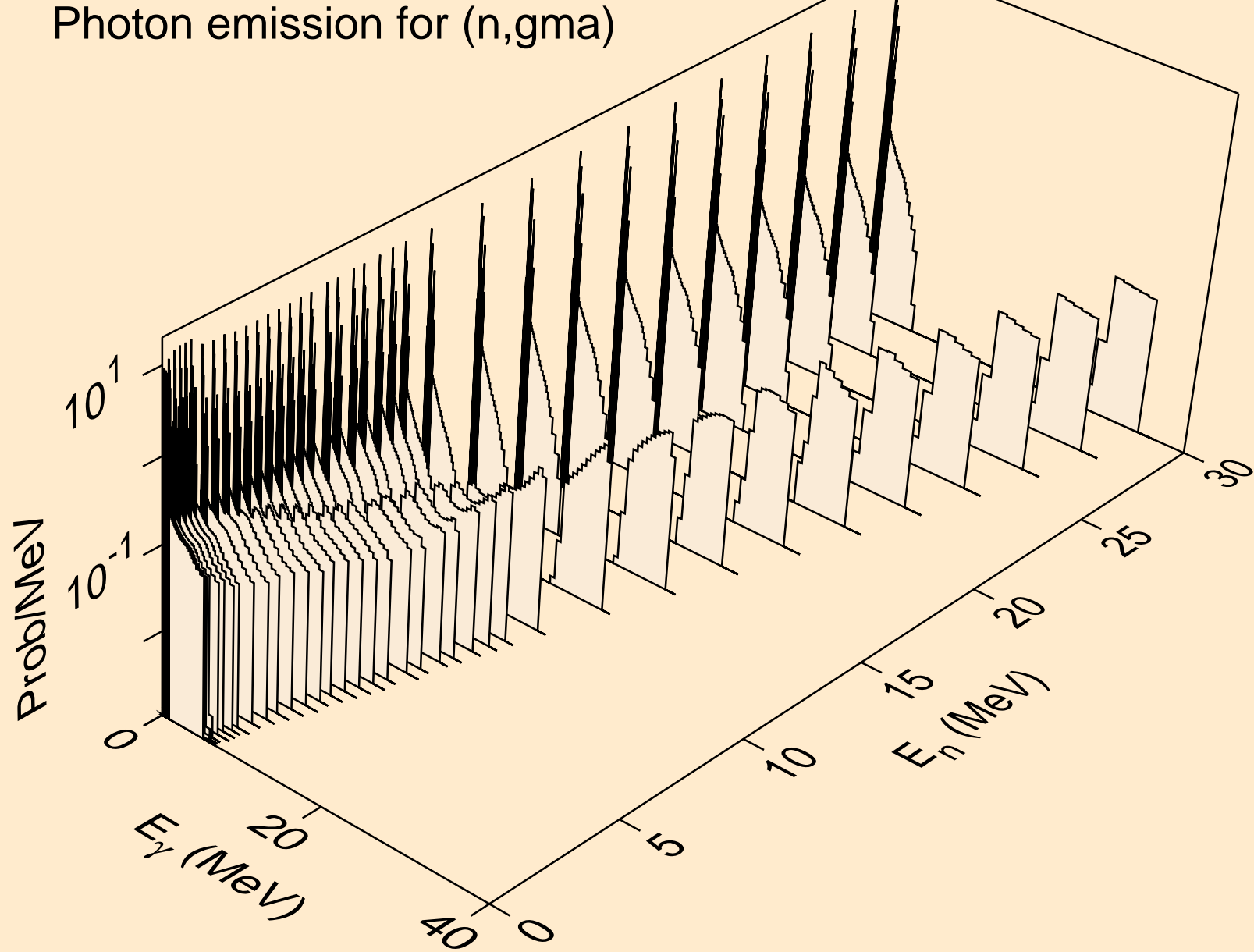
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



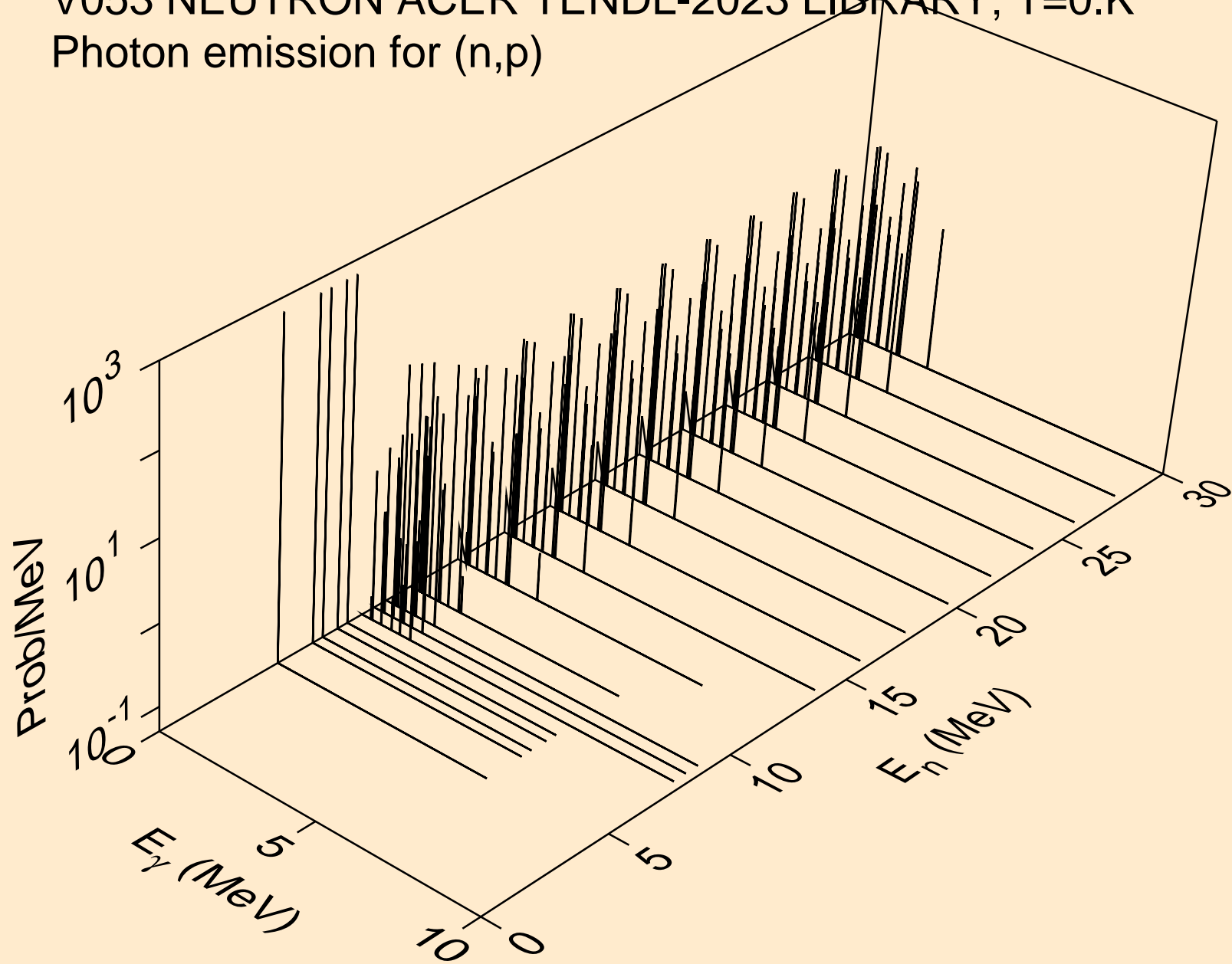
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



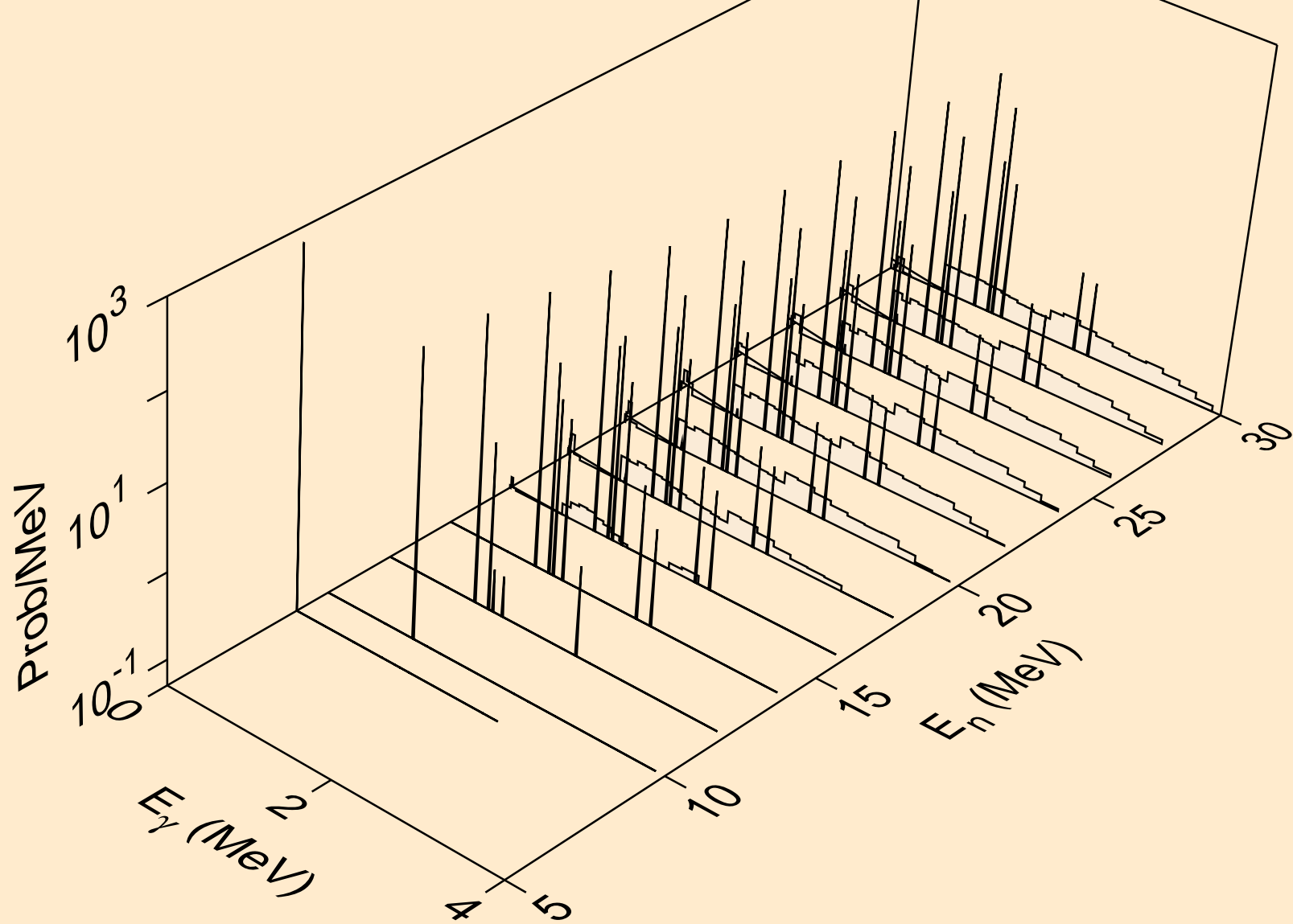
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



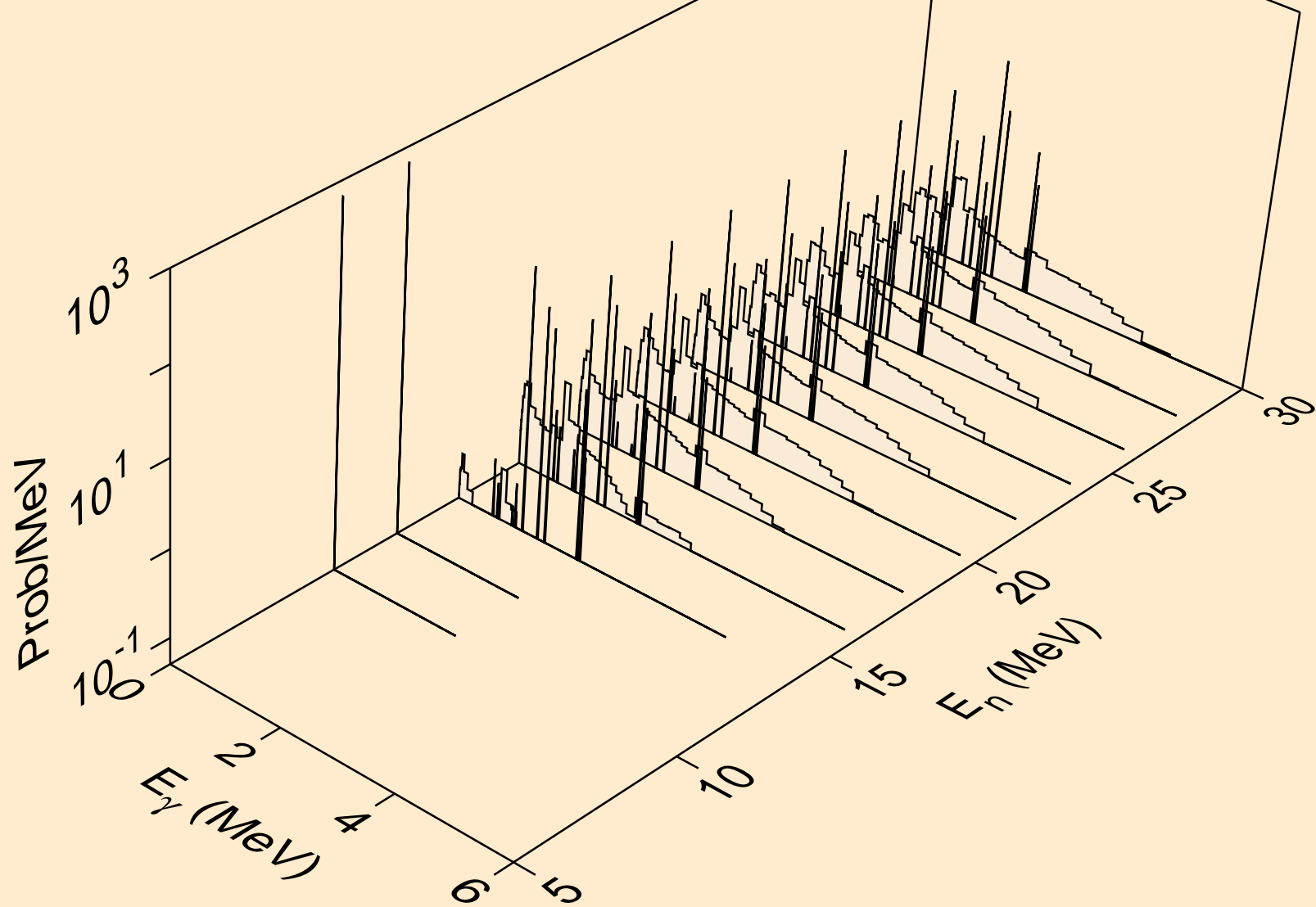
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



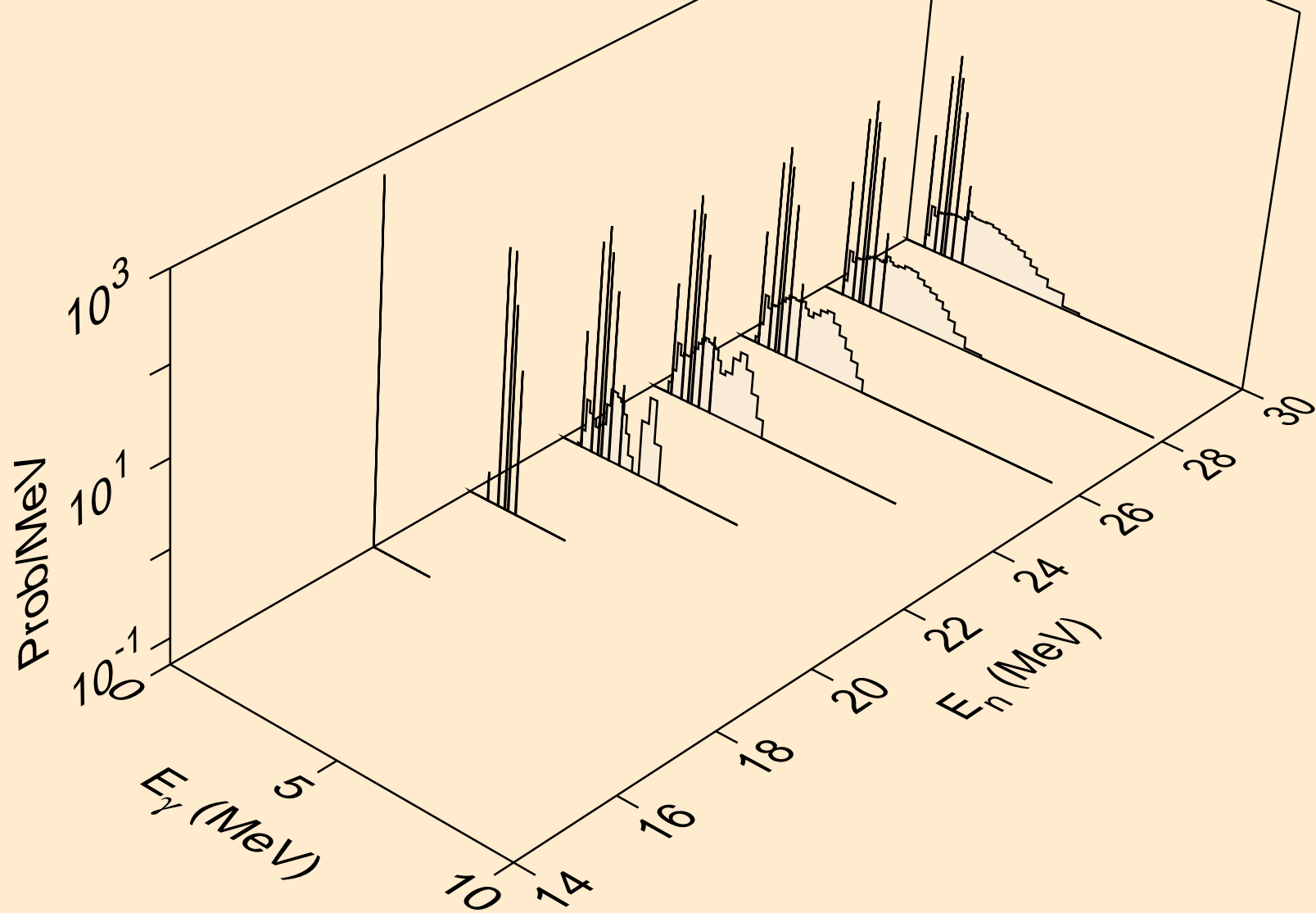
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

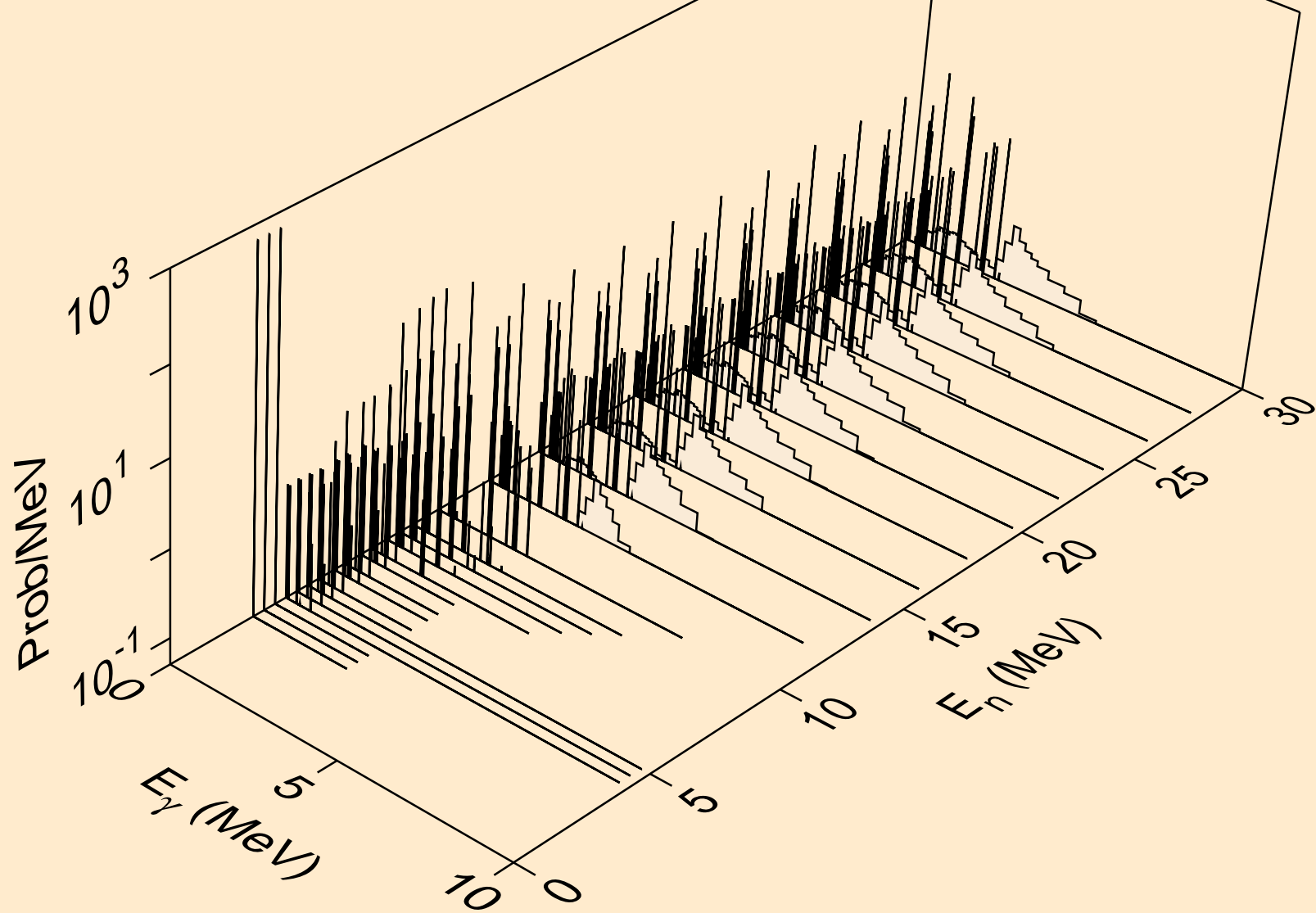


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

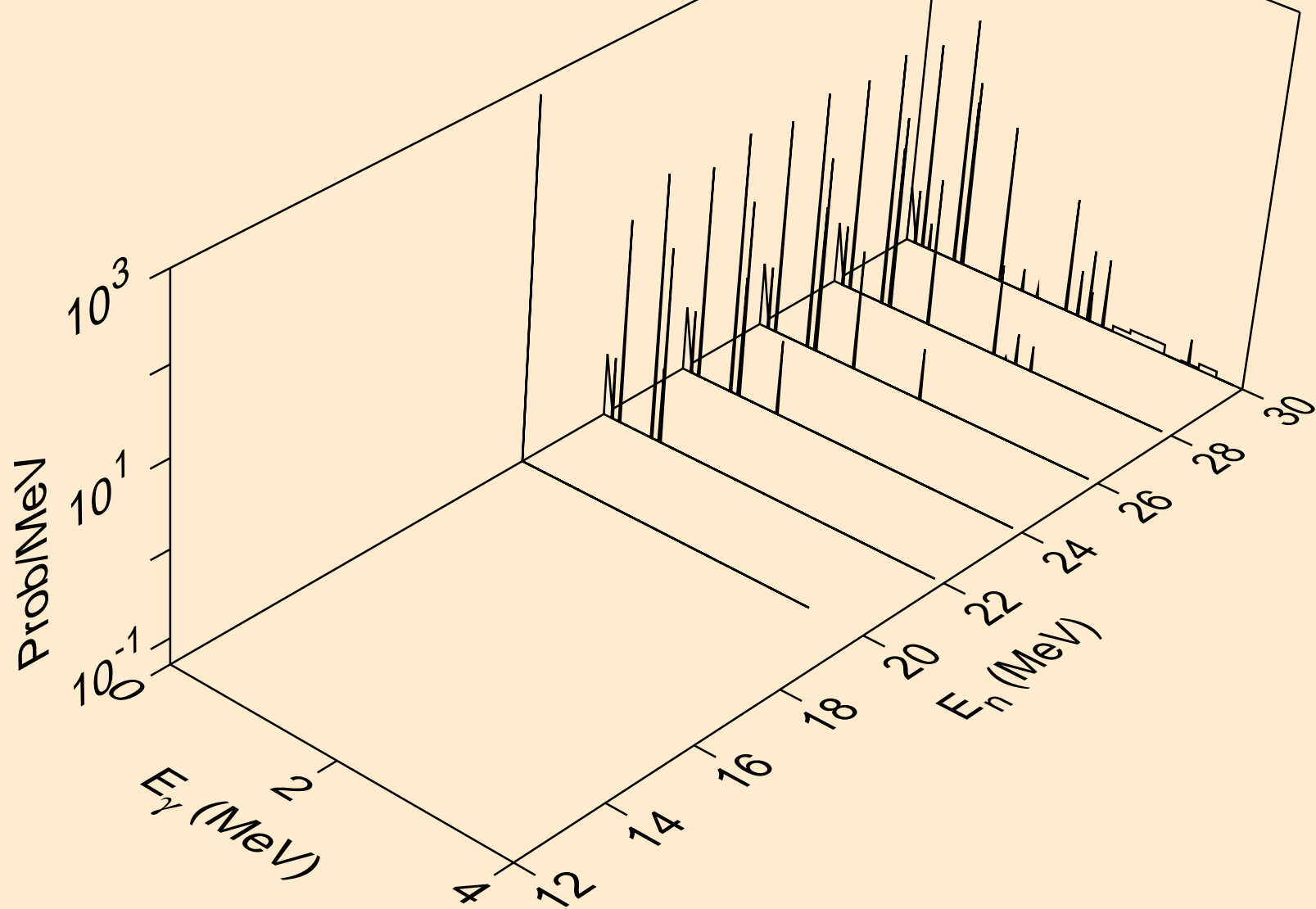




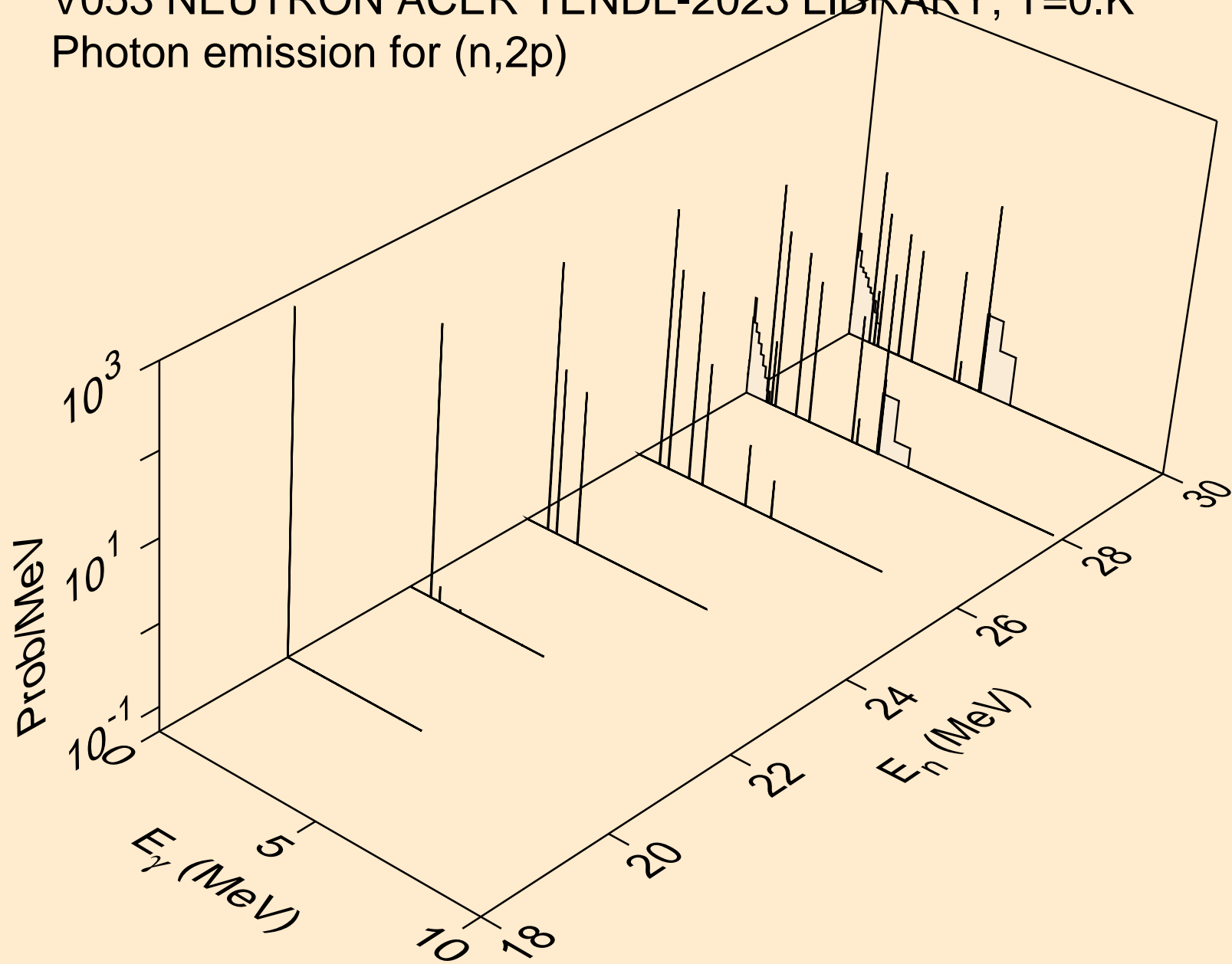
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



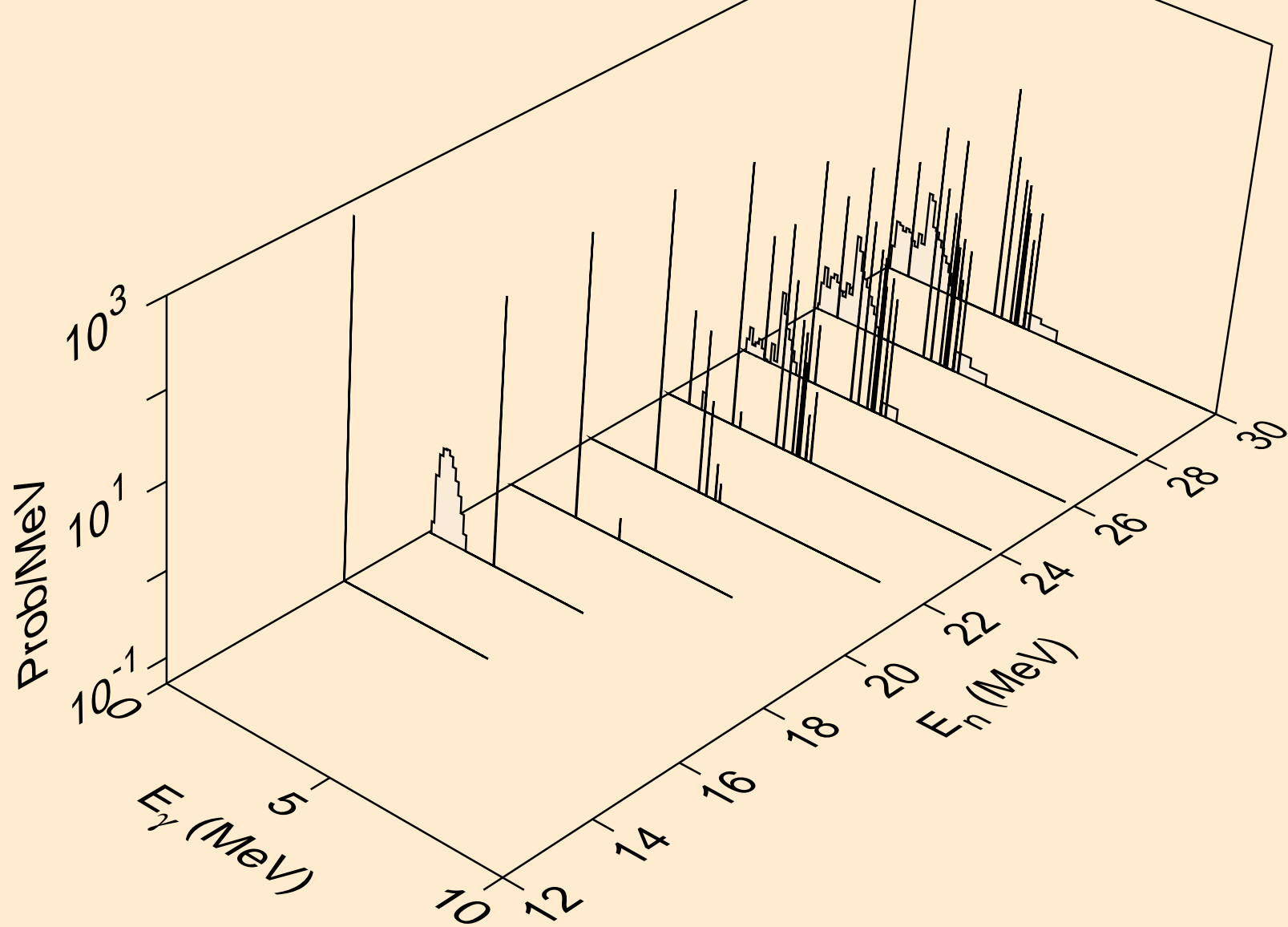
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



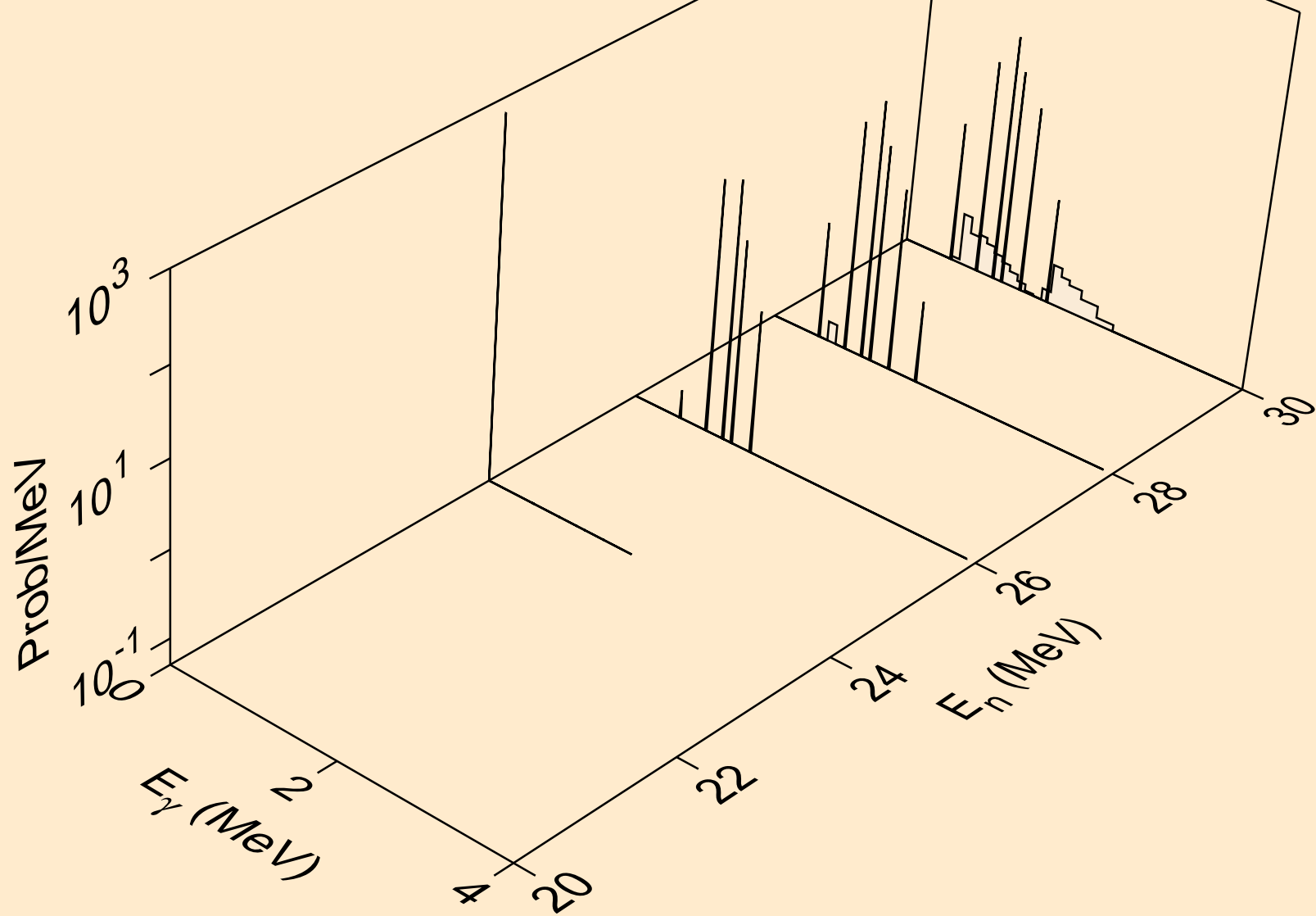
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Photon emission for (n,2p)



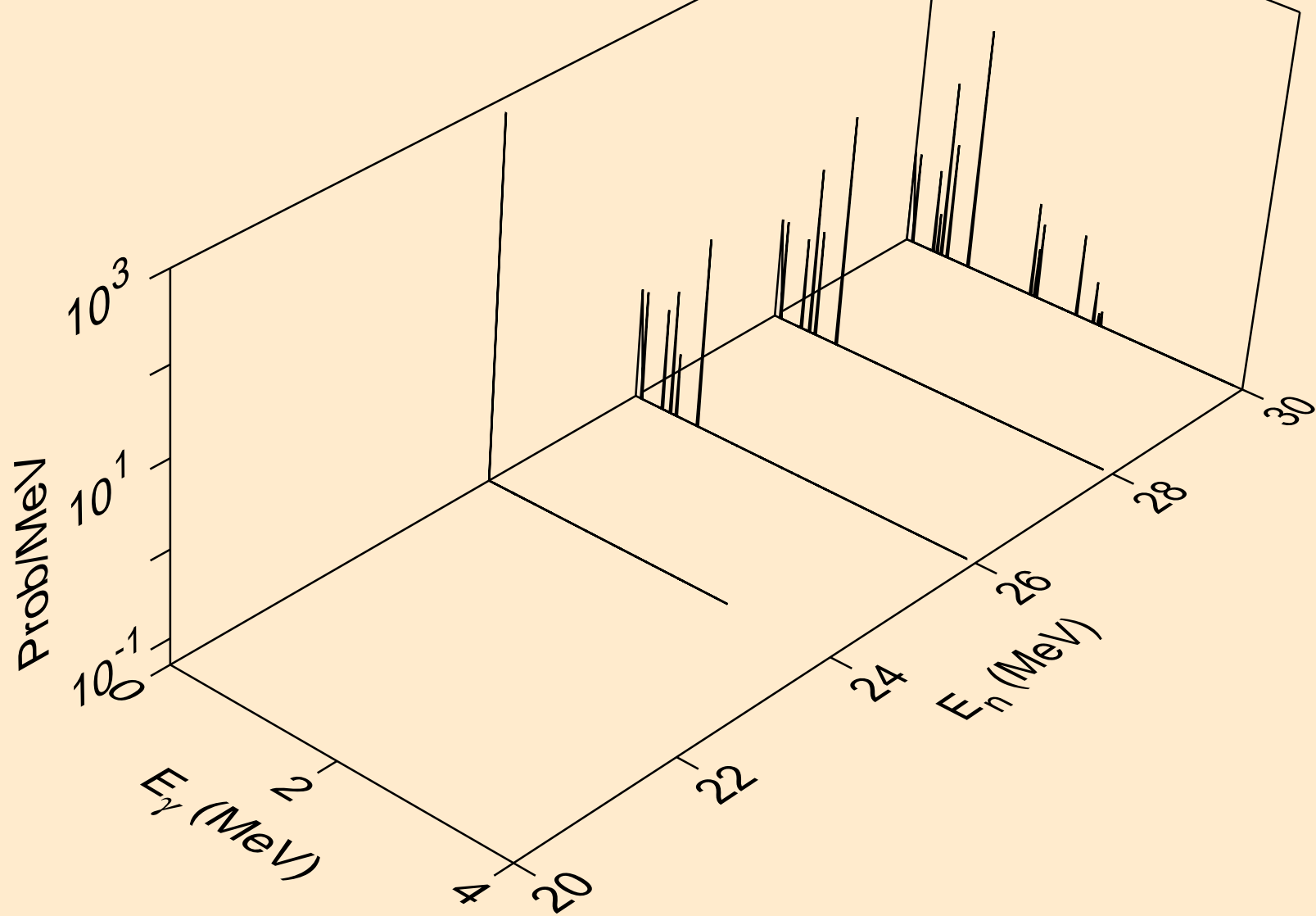
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Photon emission for (n,p)



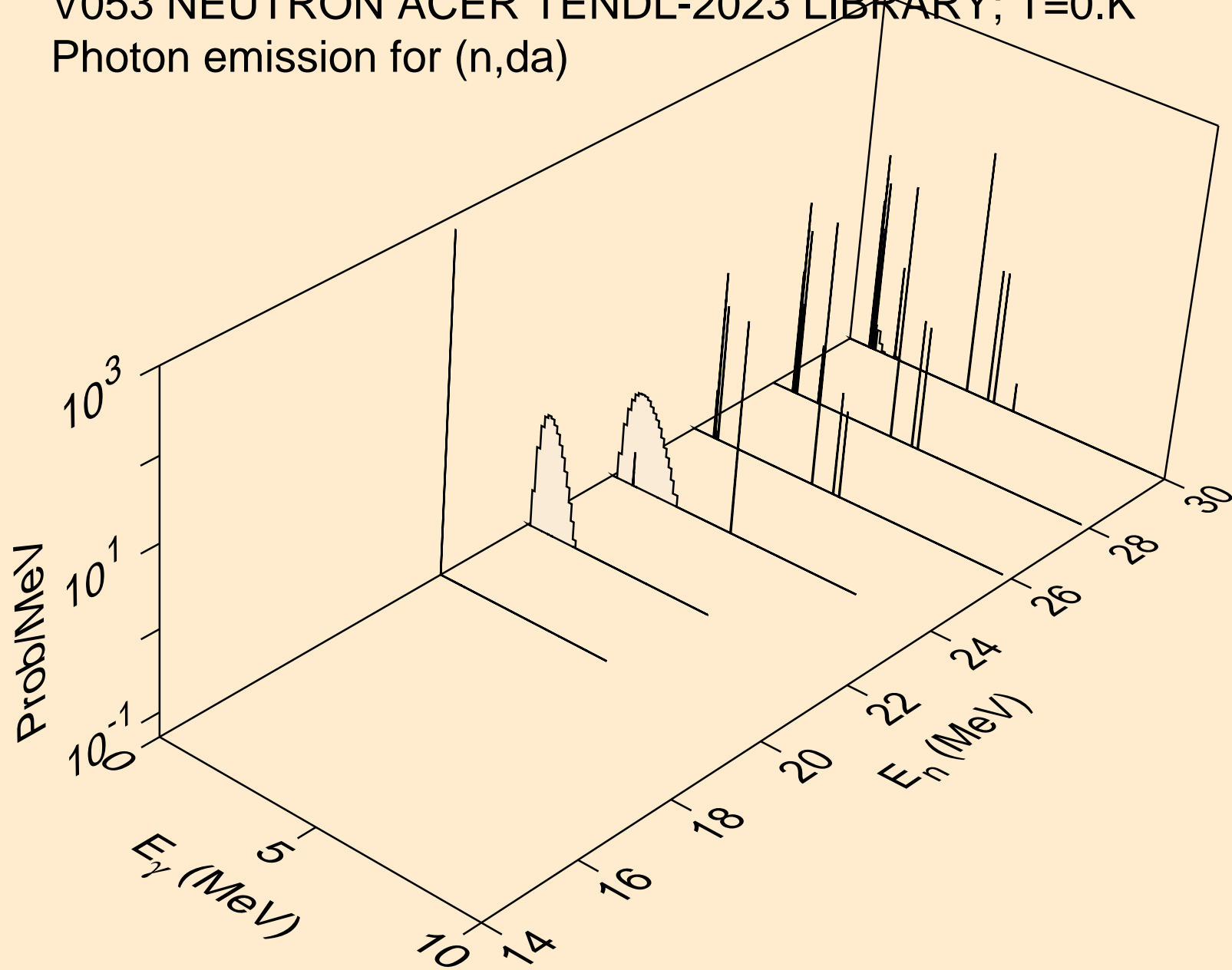
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



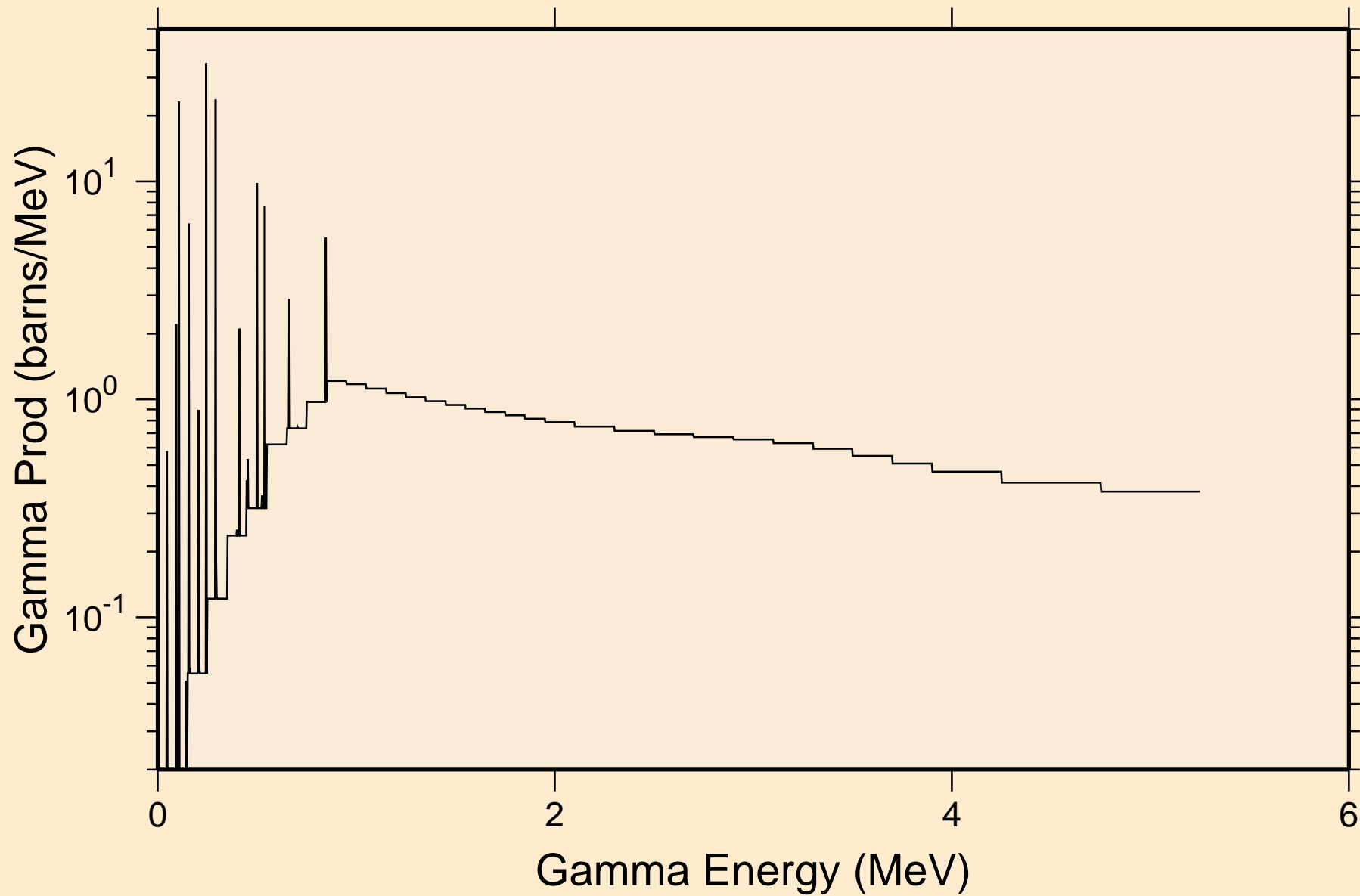
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

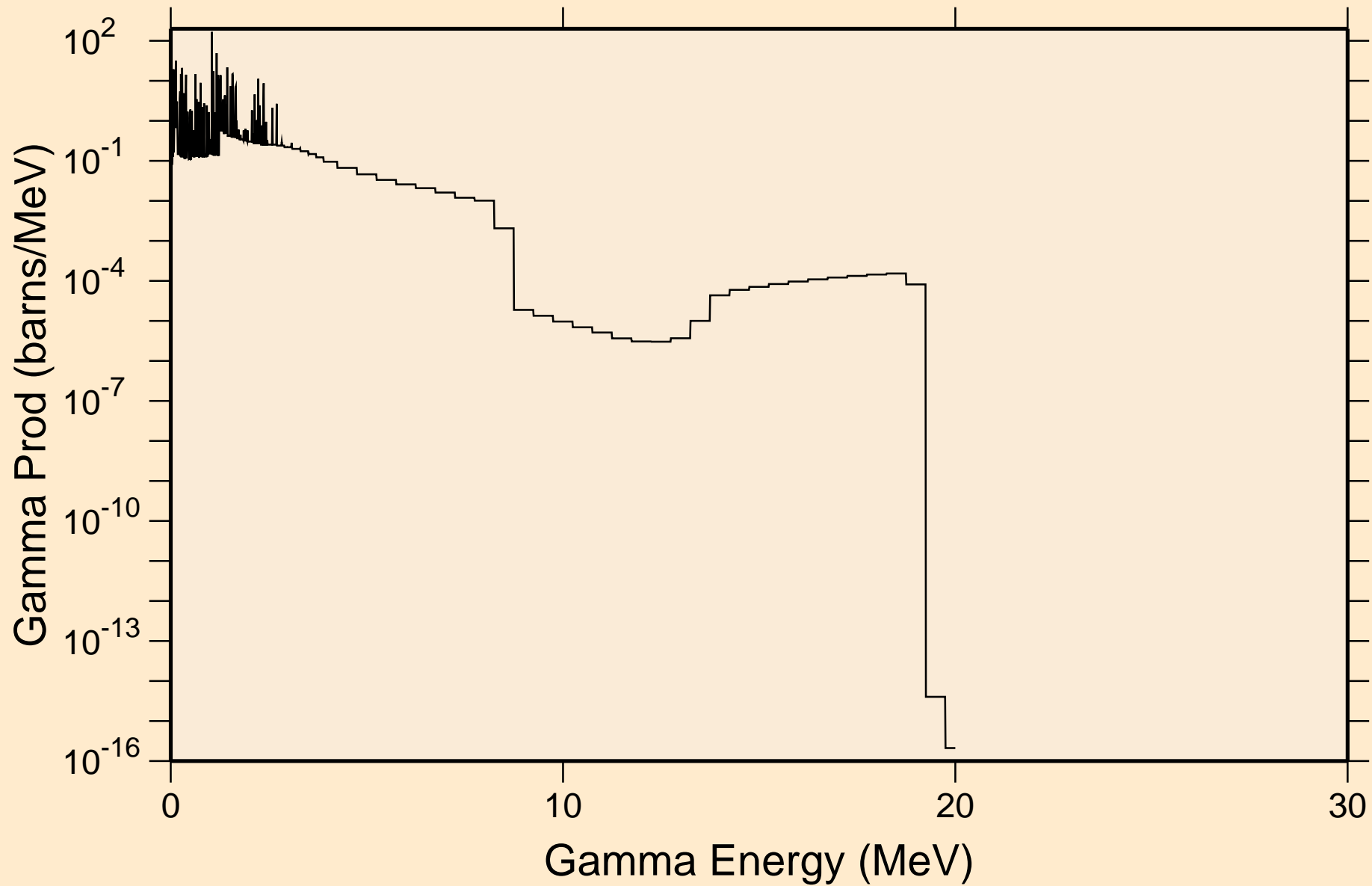


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

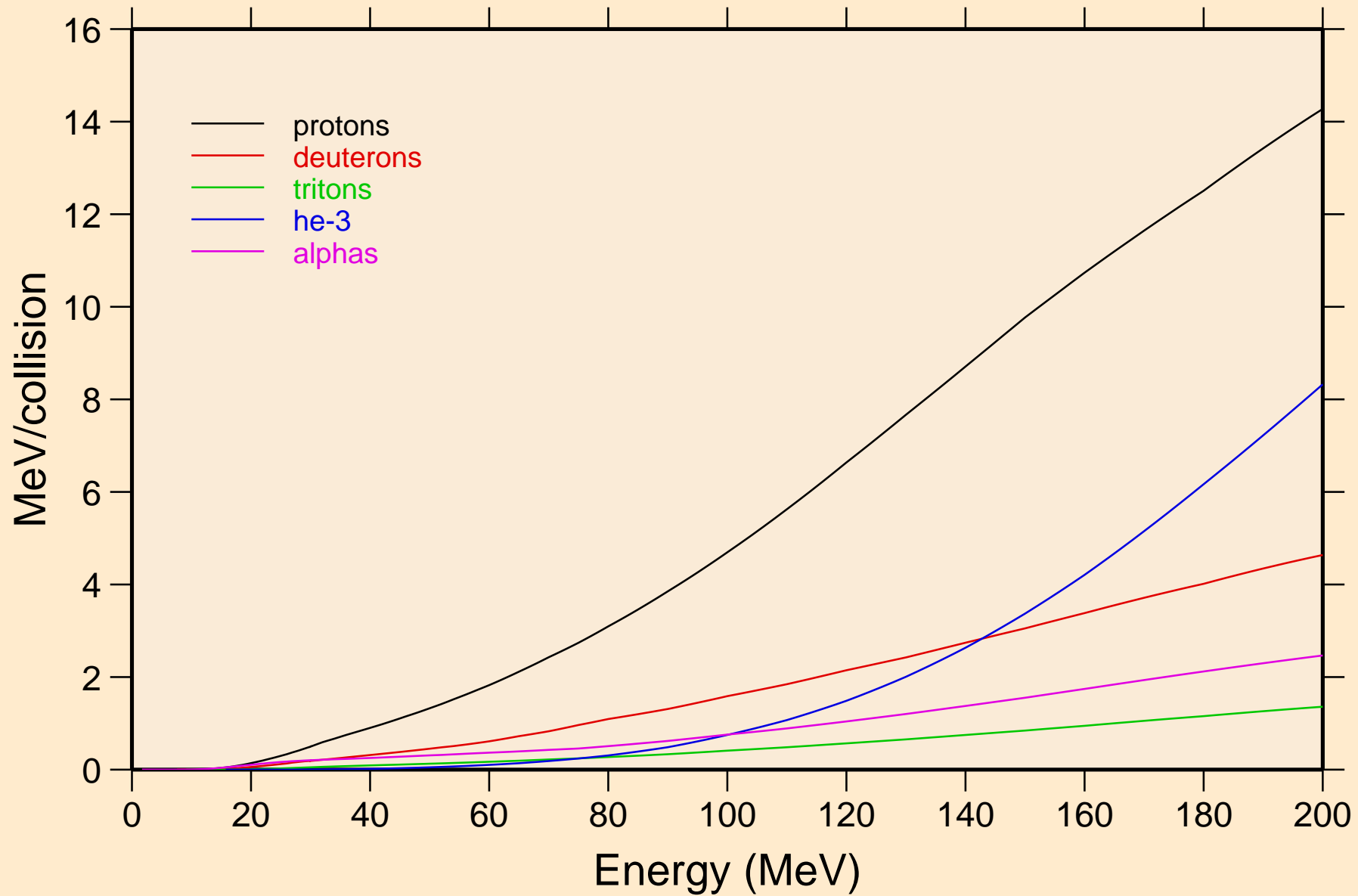




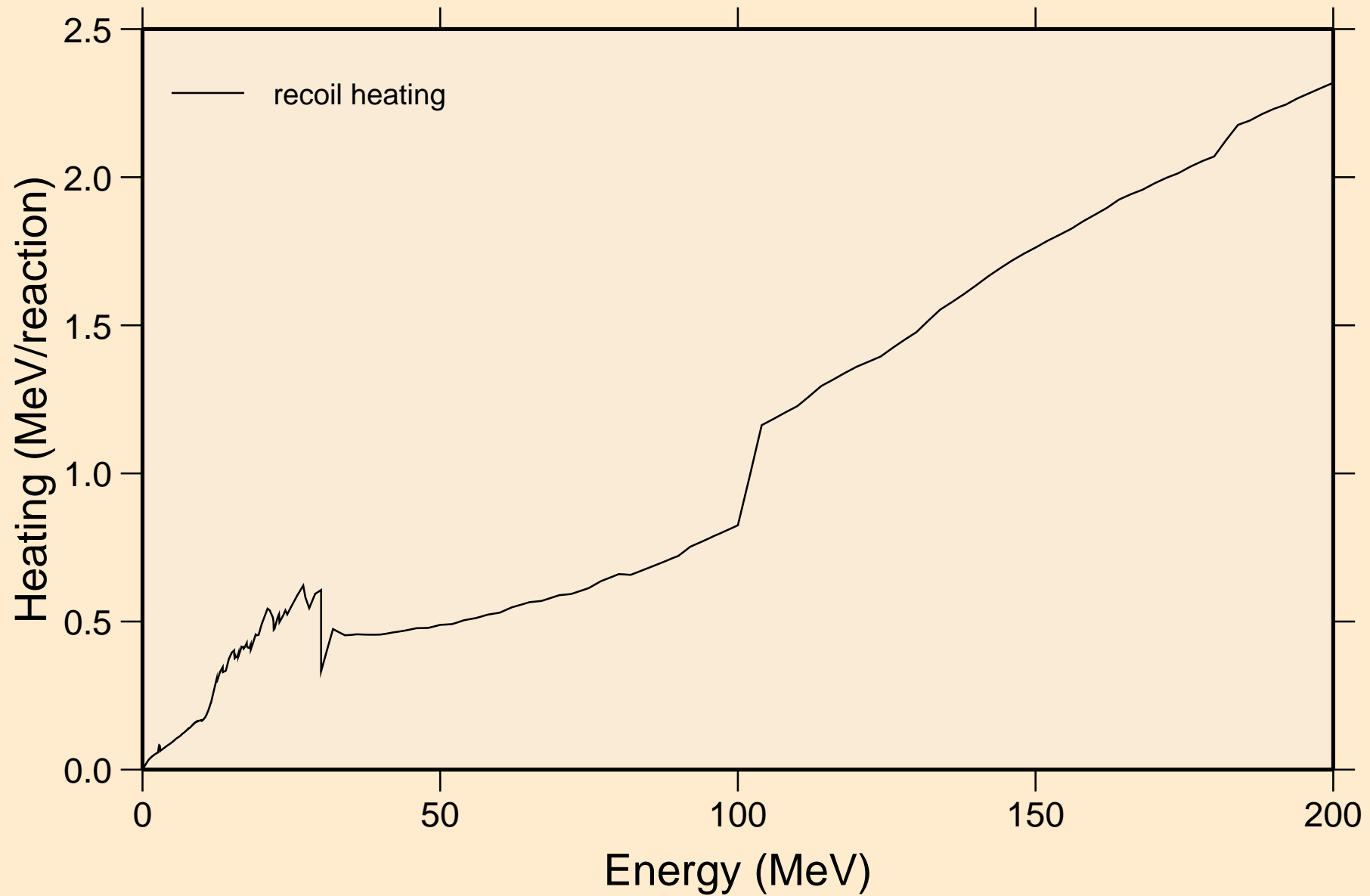
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



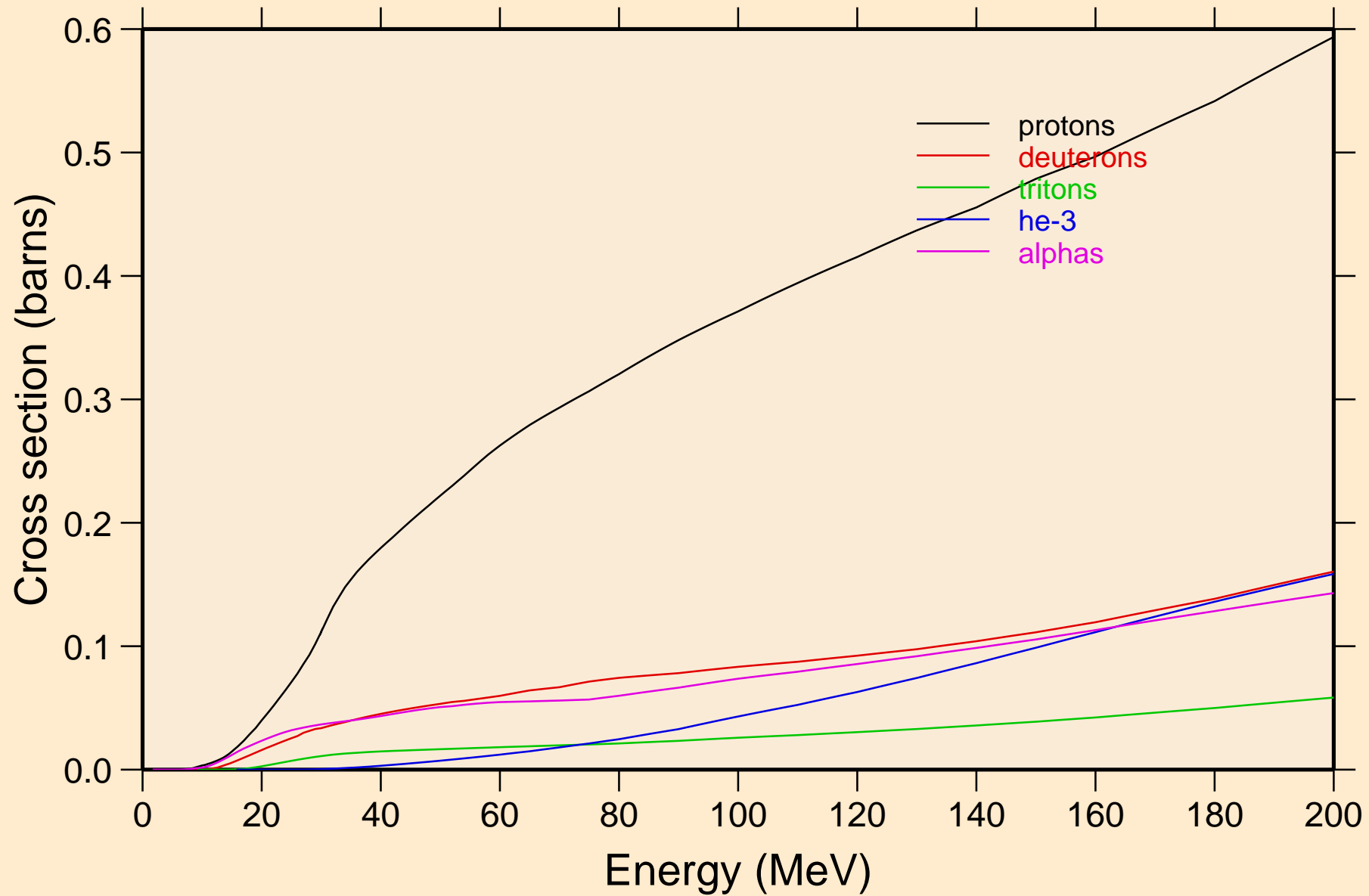
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



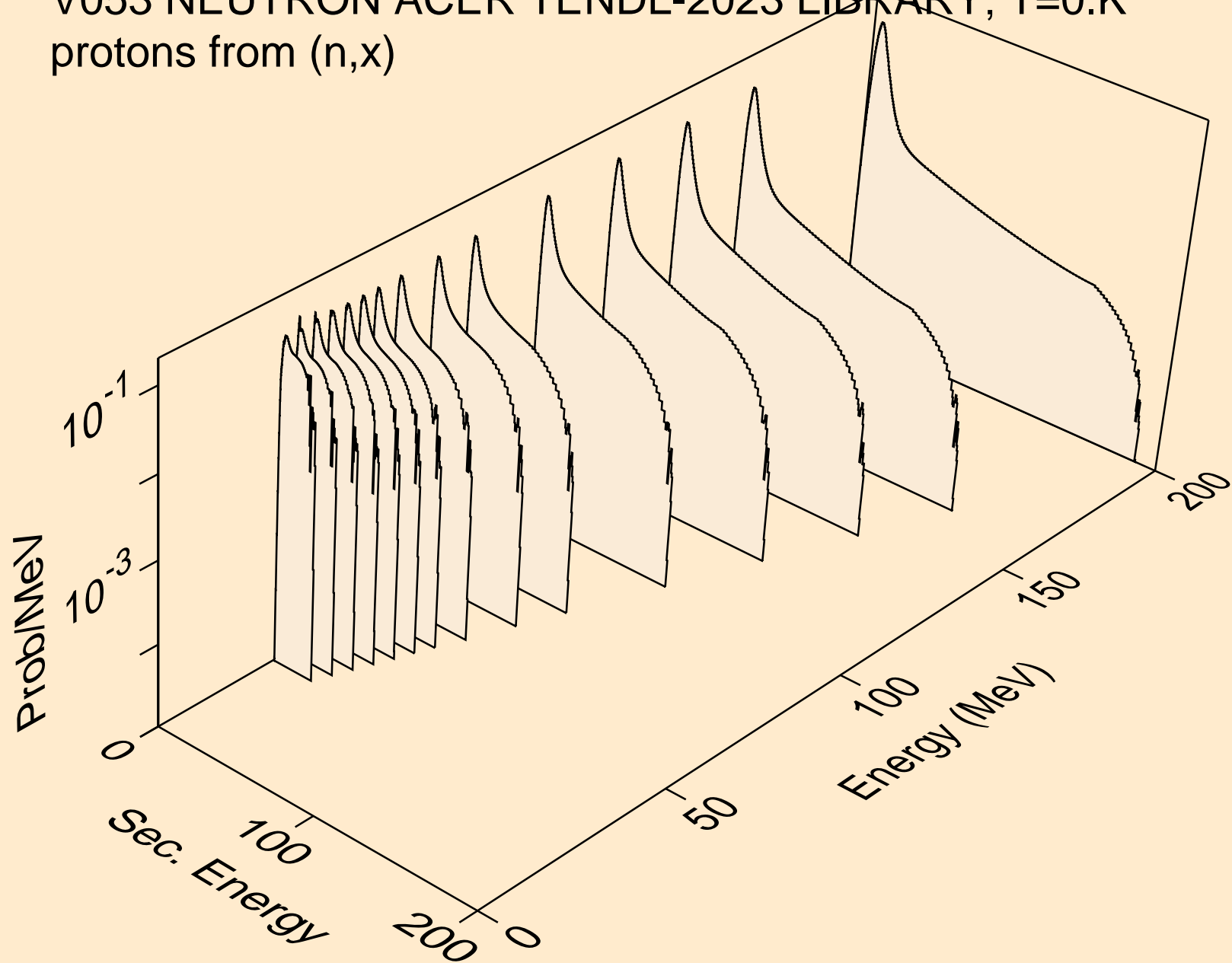
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Recoil Heating



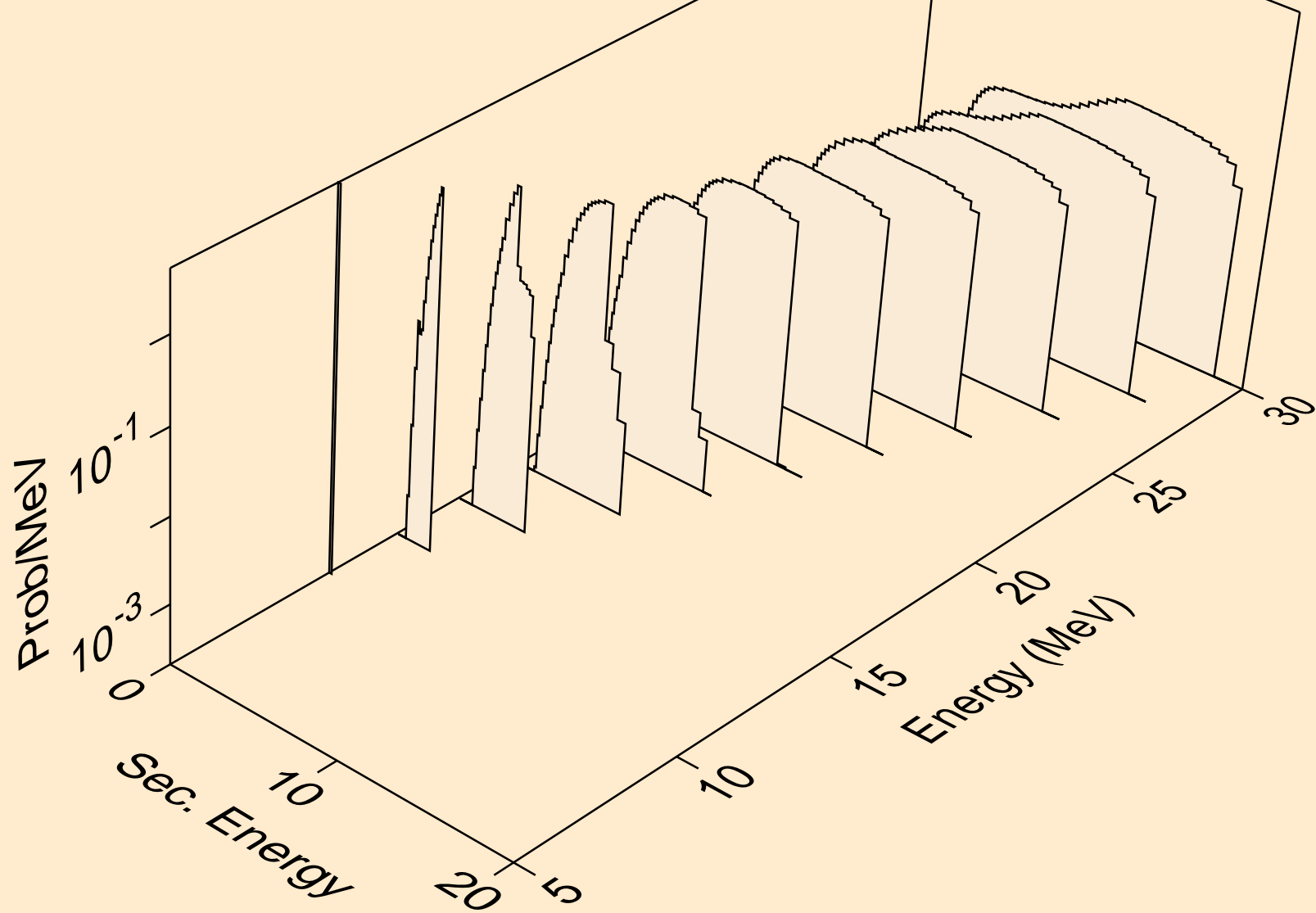
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



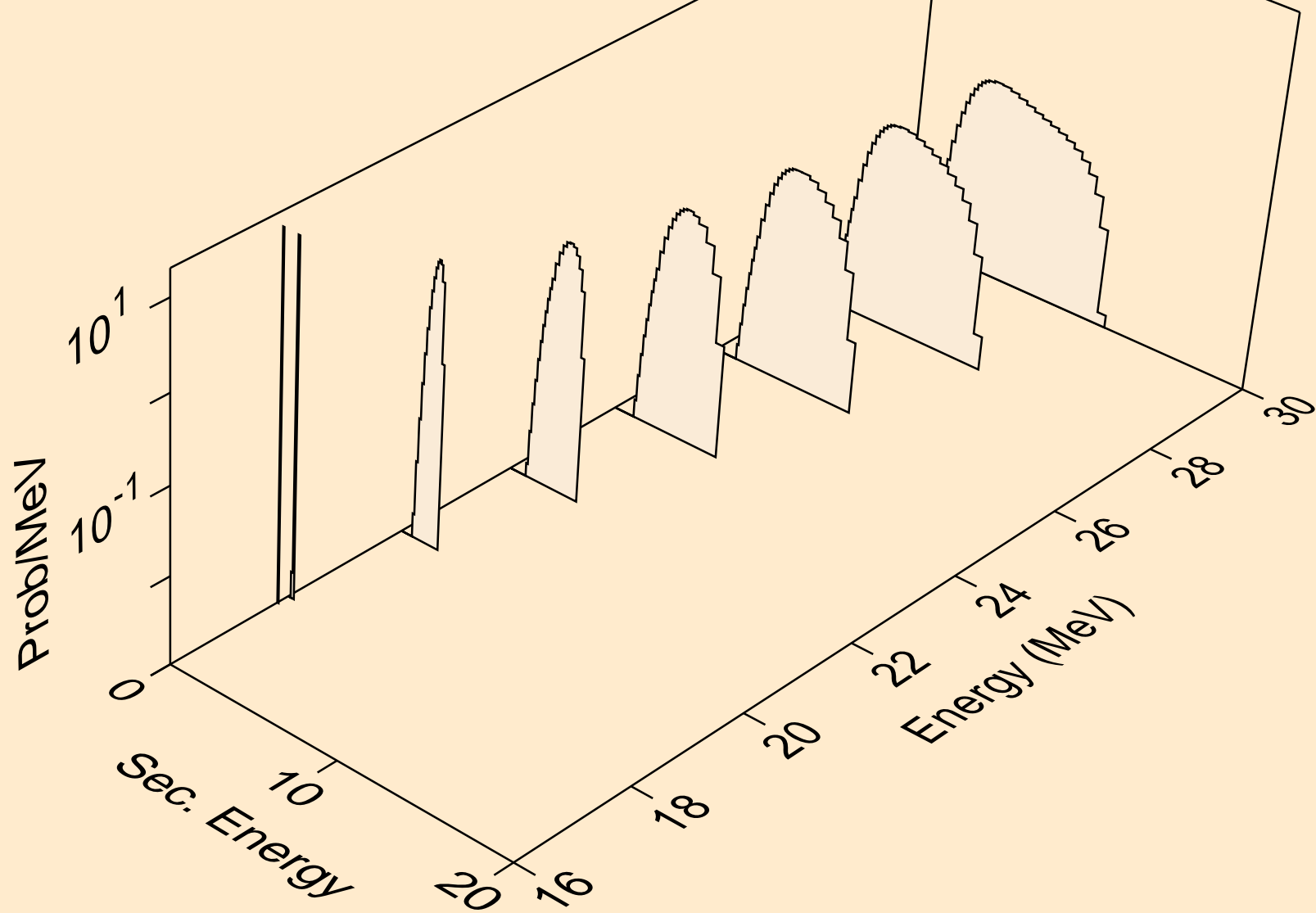
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



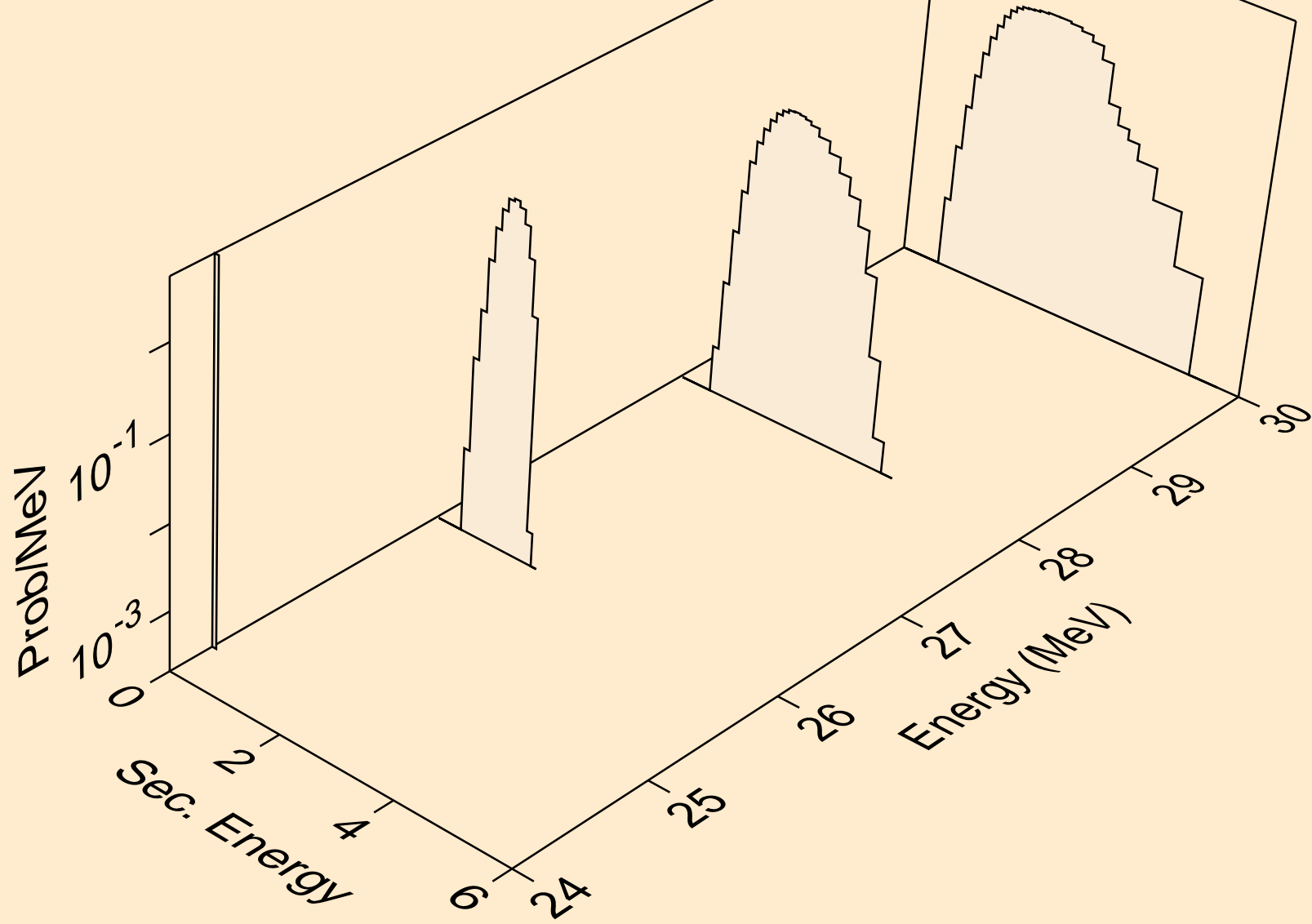
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

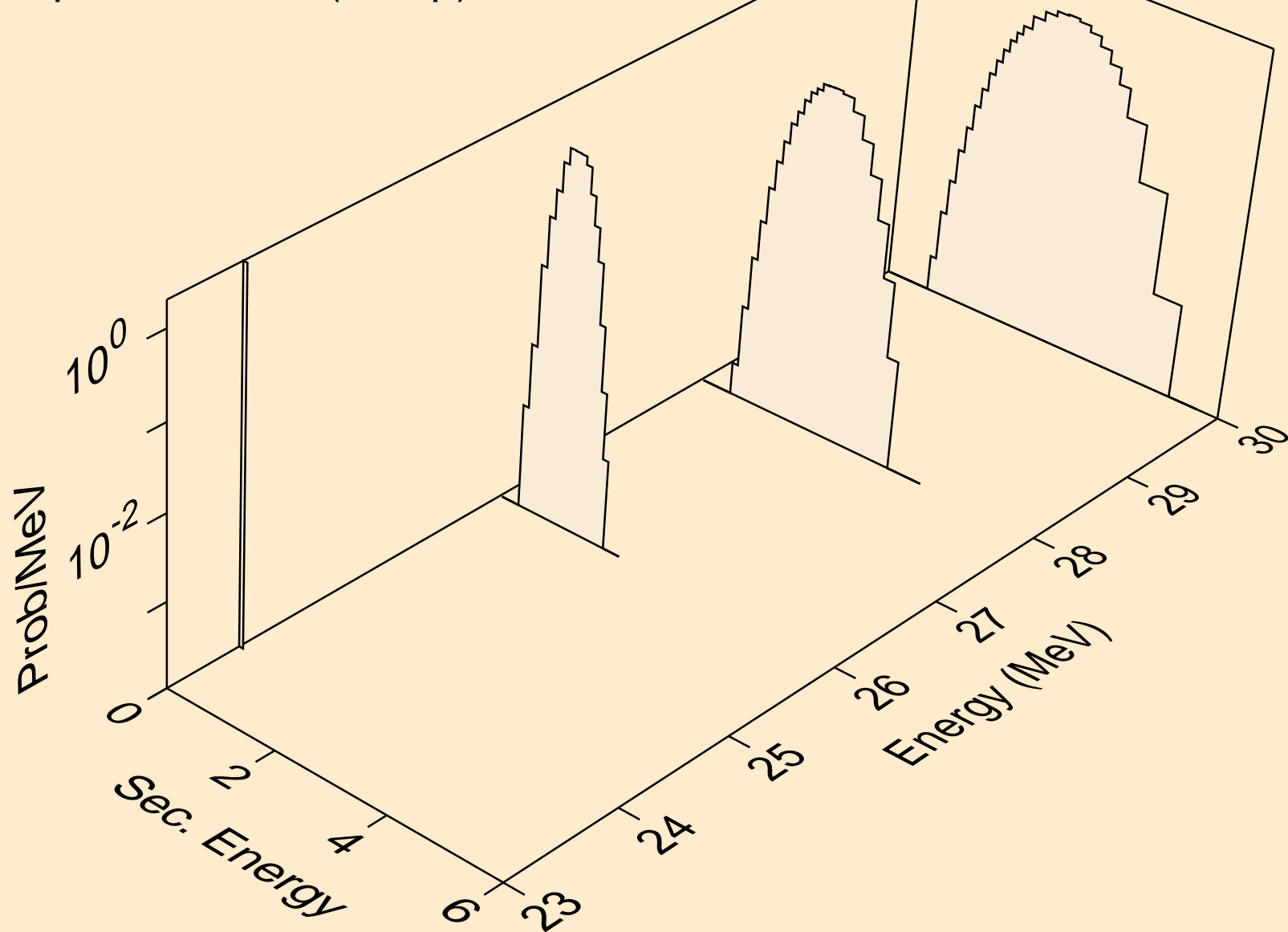


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

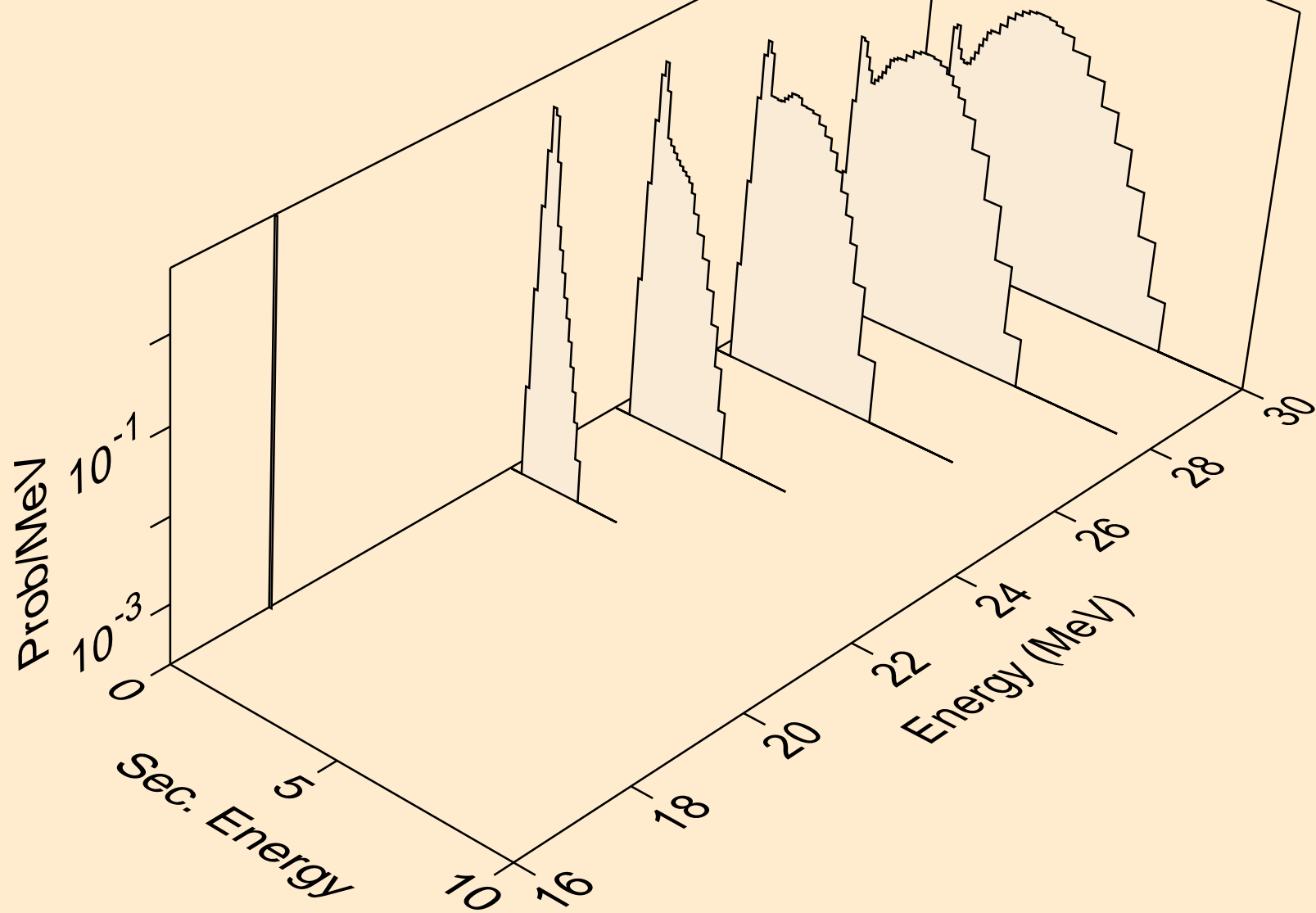




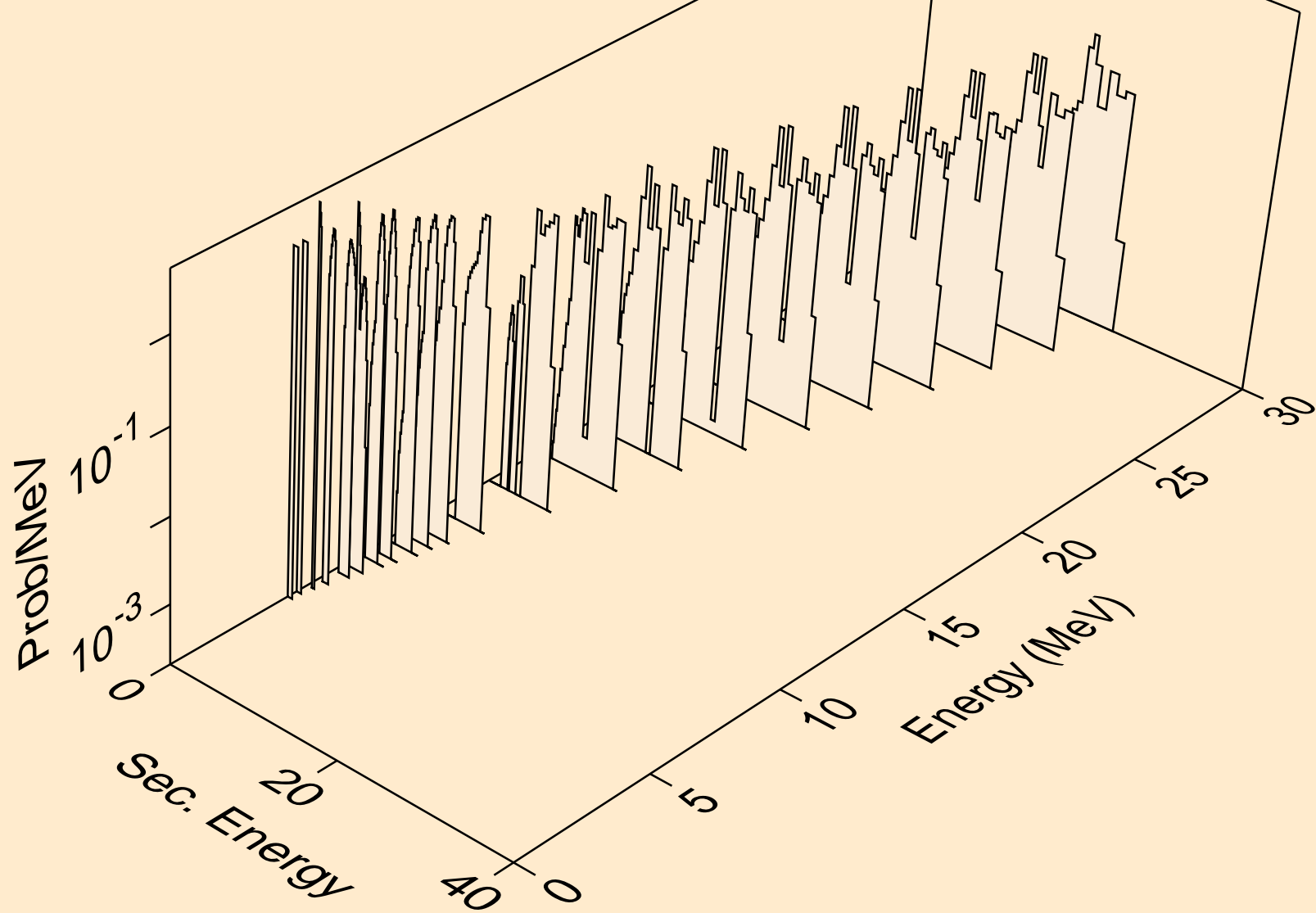
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protons from (n,n2p)



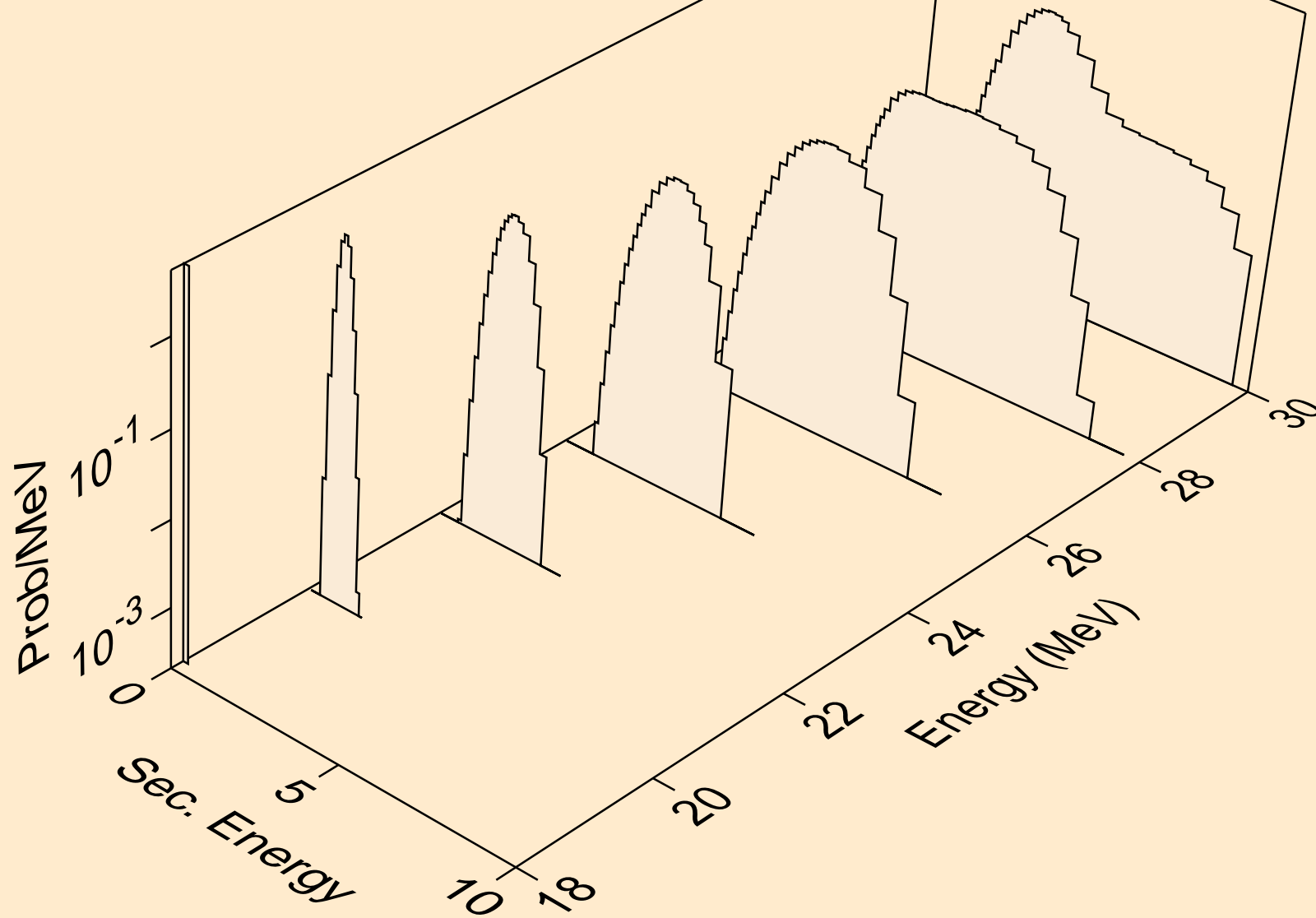
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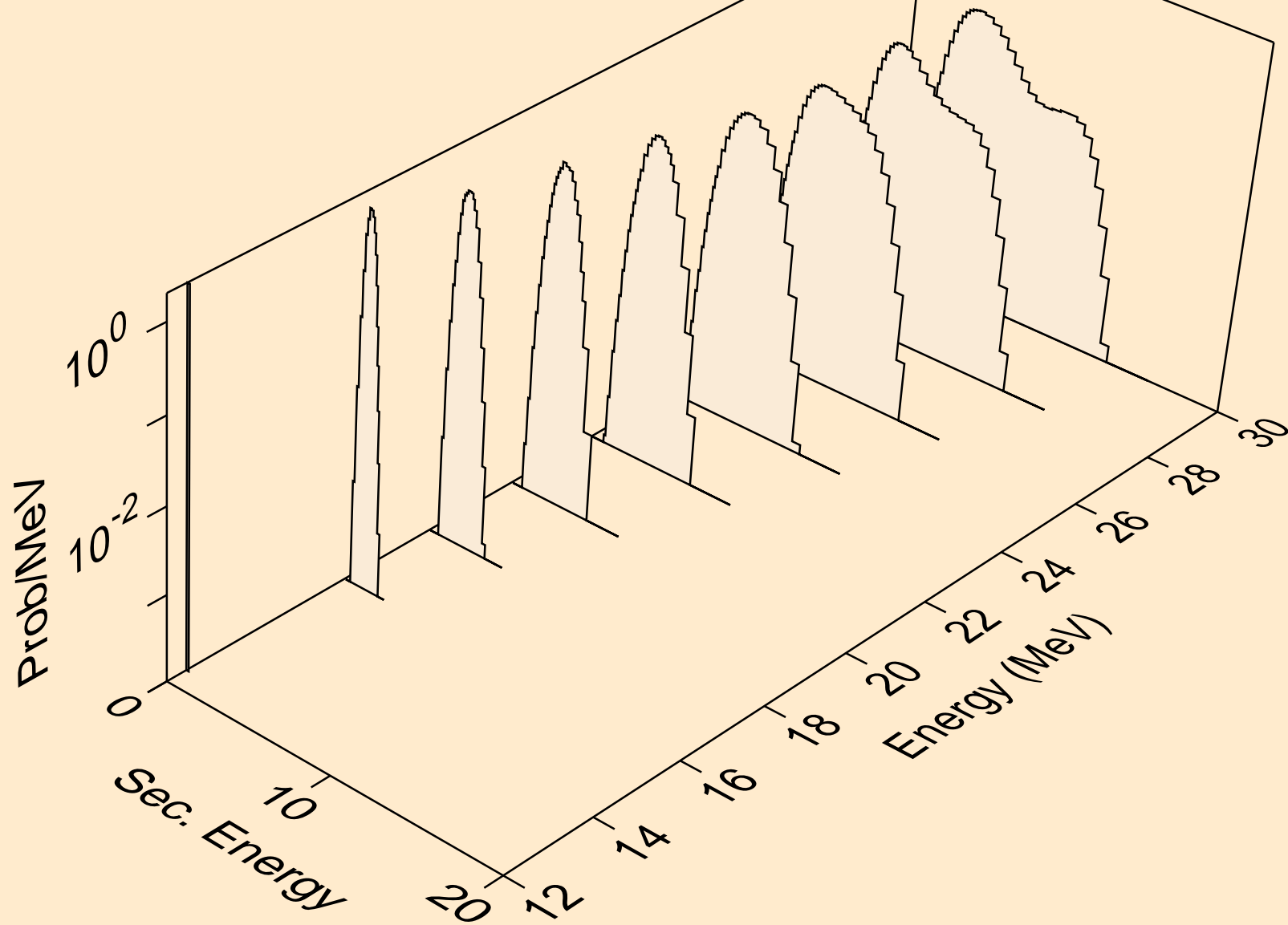
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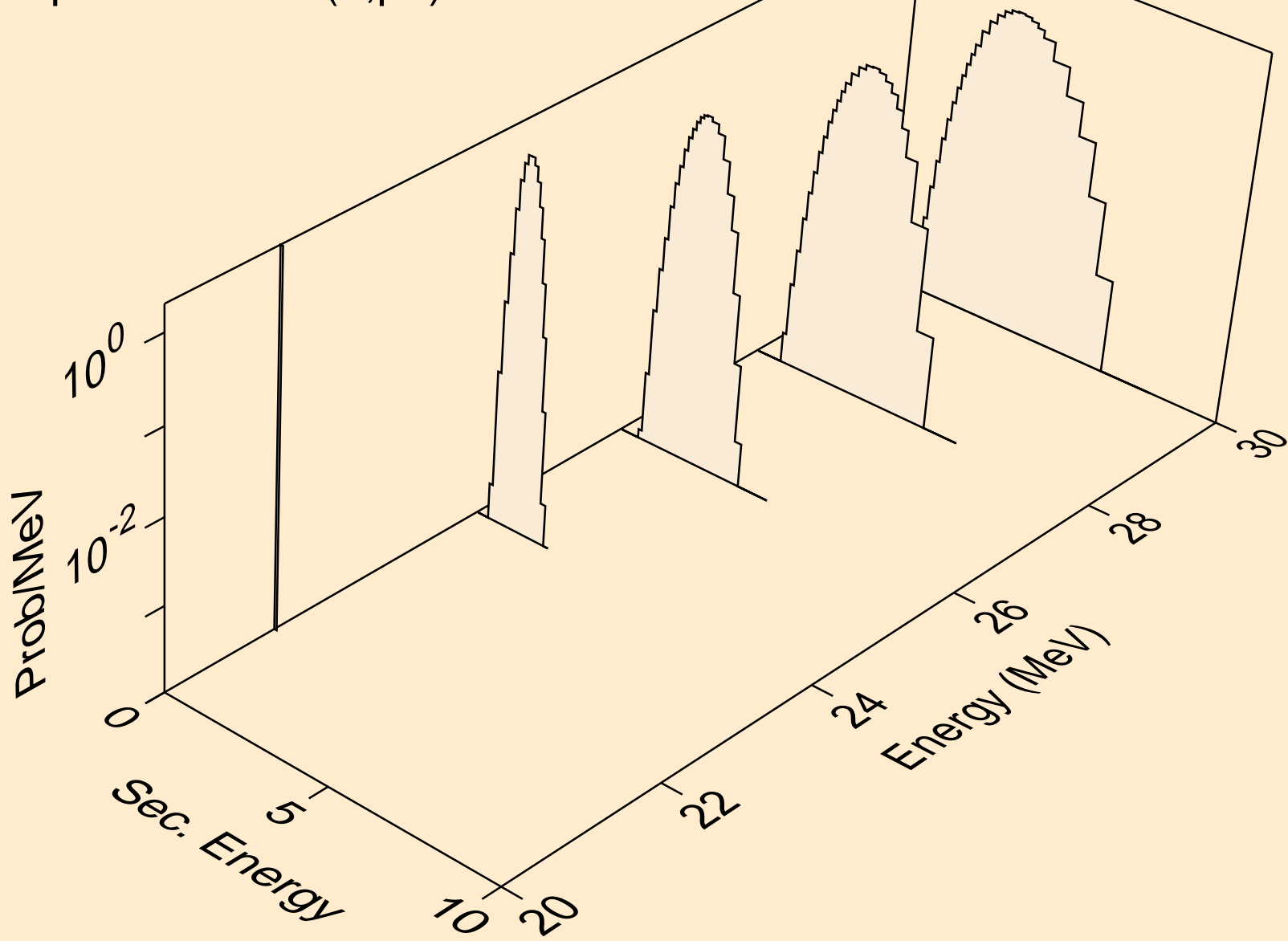
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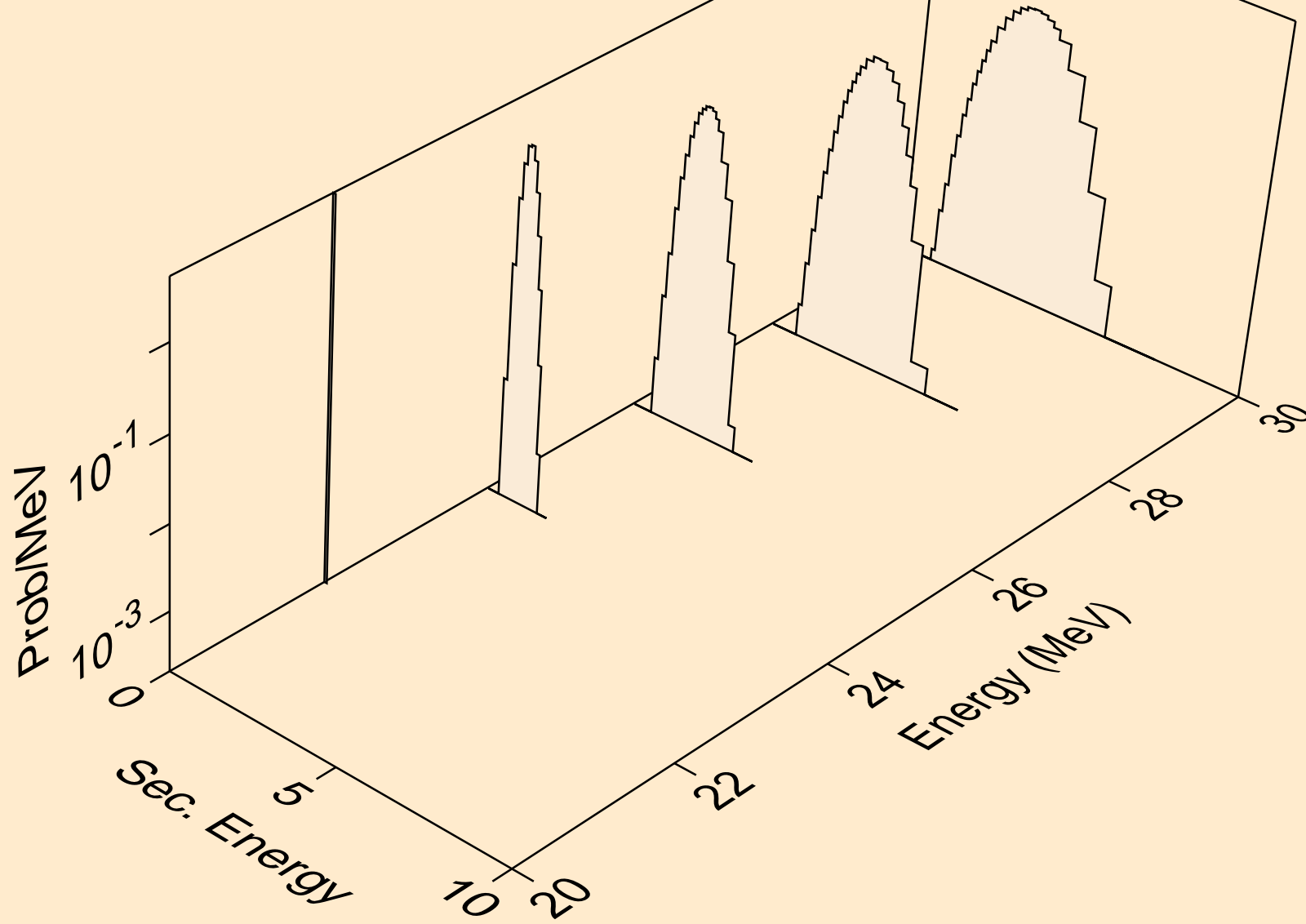
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protons from (n,p)



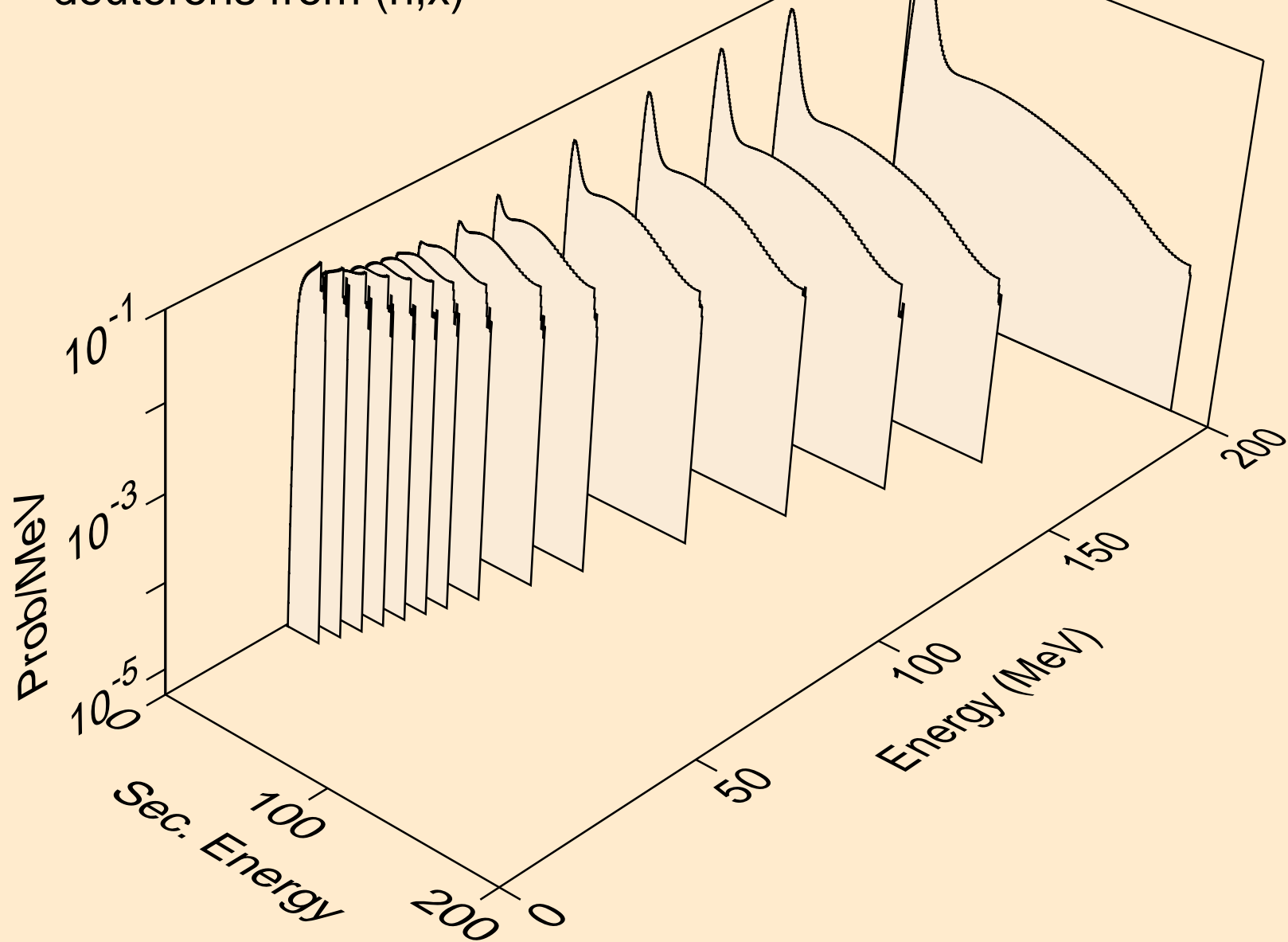
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

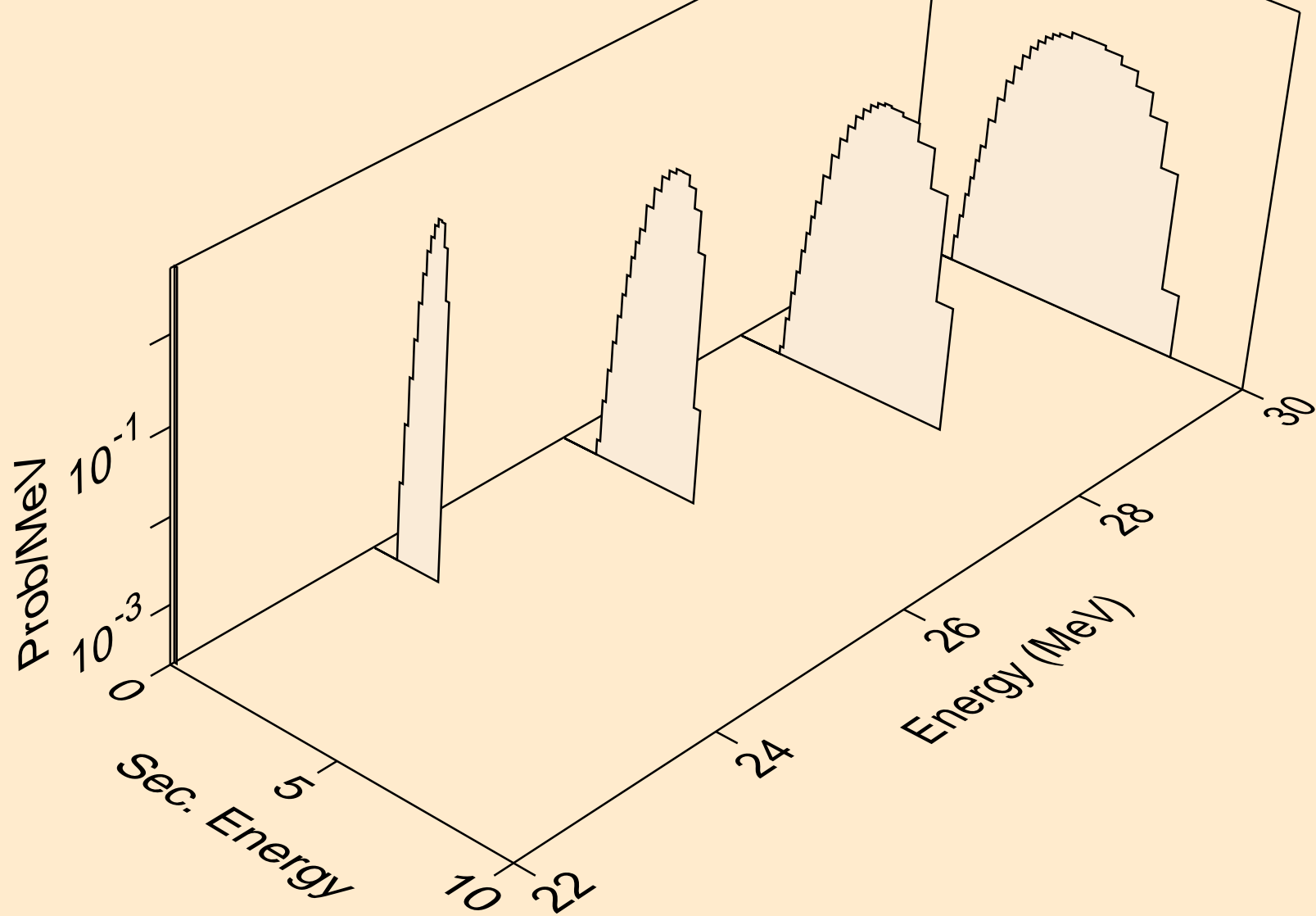


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

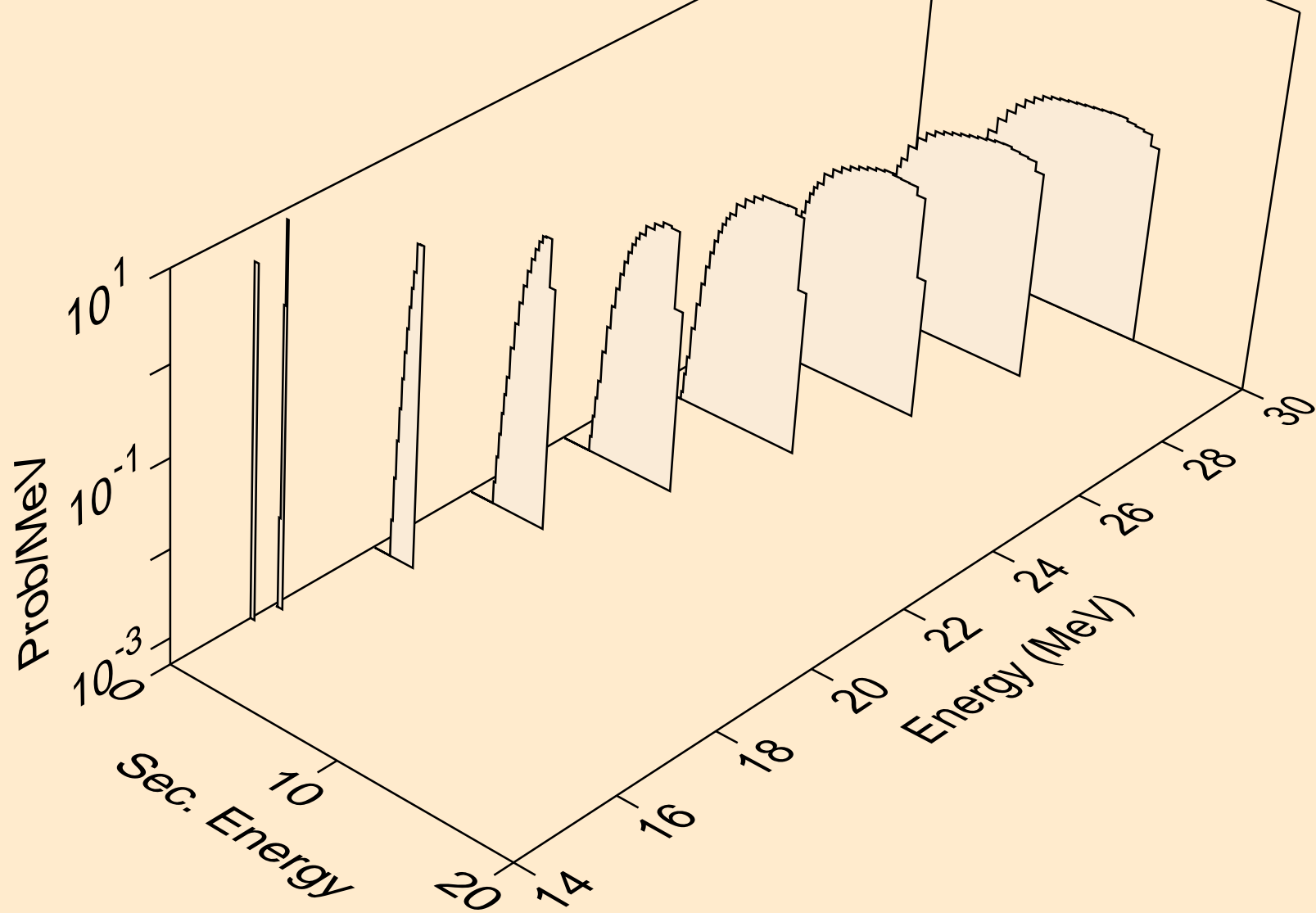




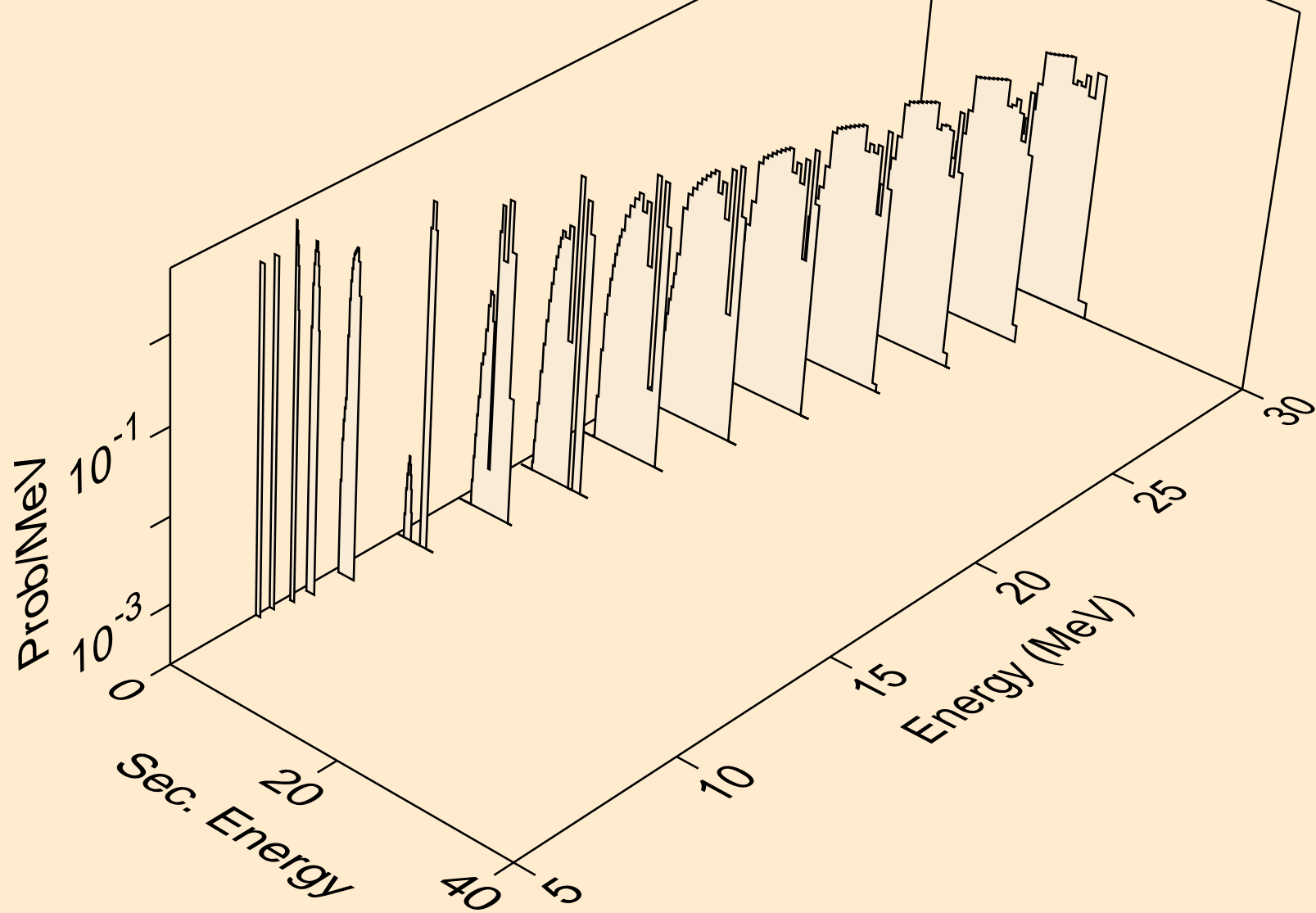
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deuterons from (n,2nd)



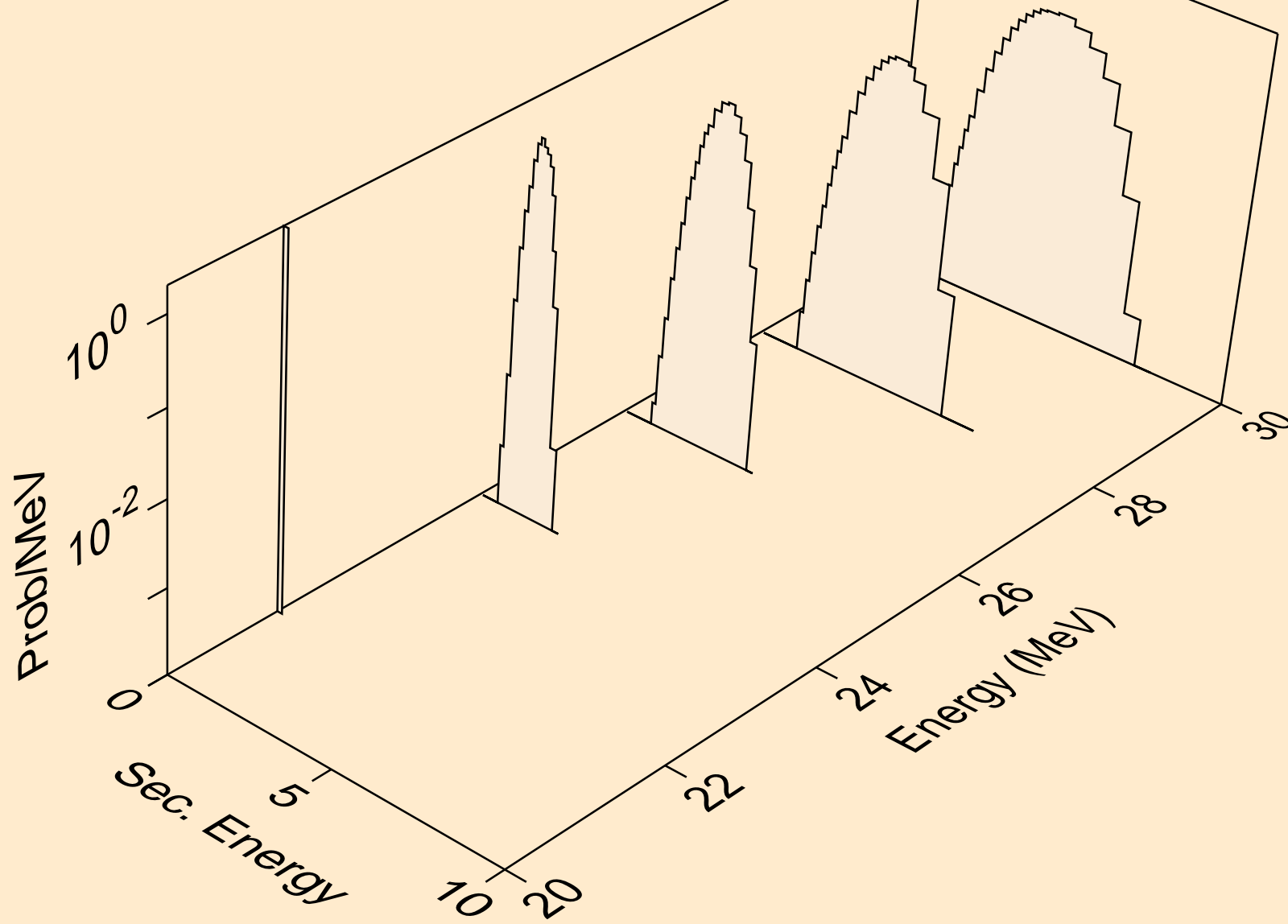
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deuterons from (n,n\*)d



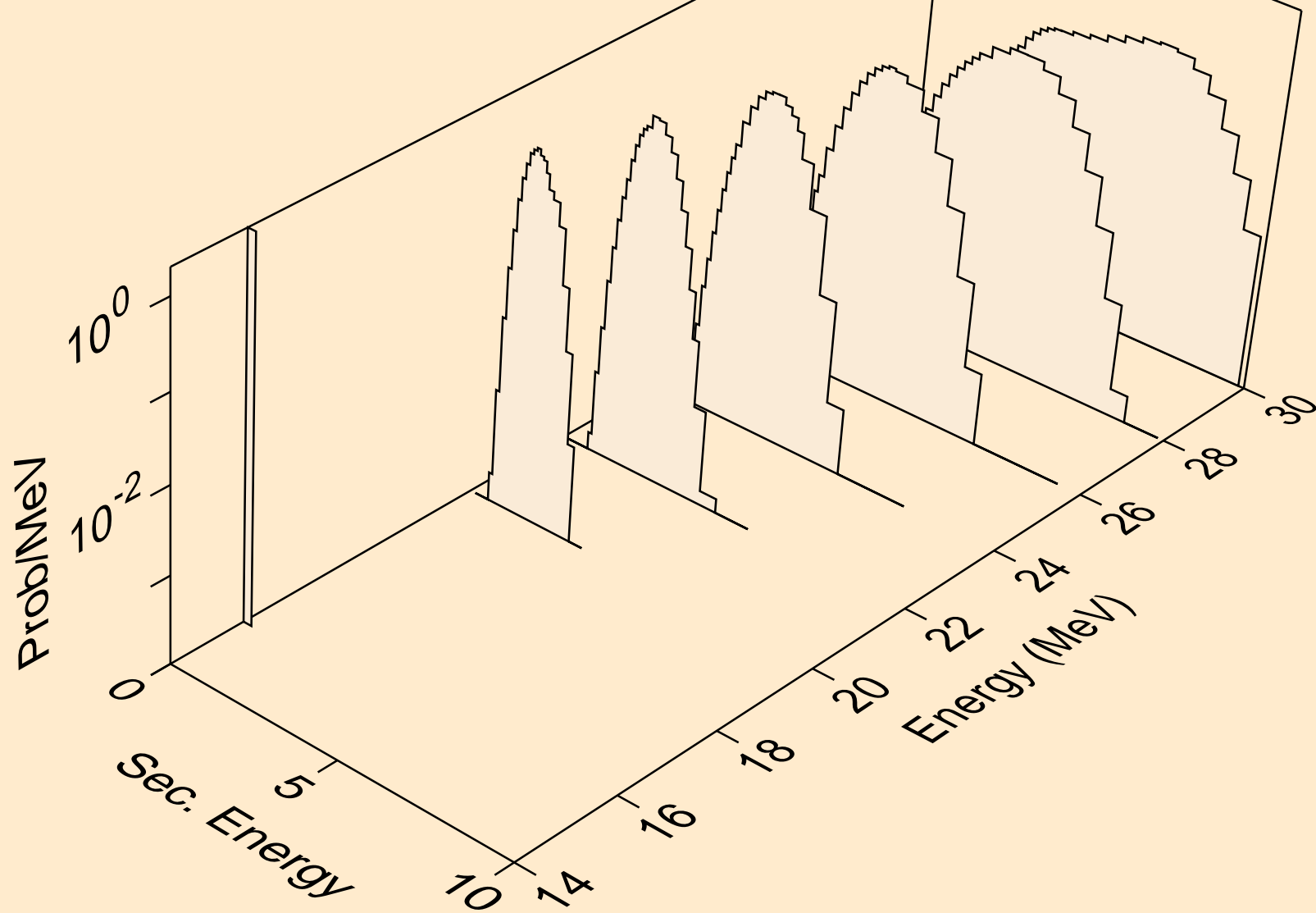
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deuterons from (n,d)



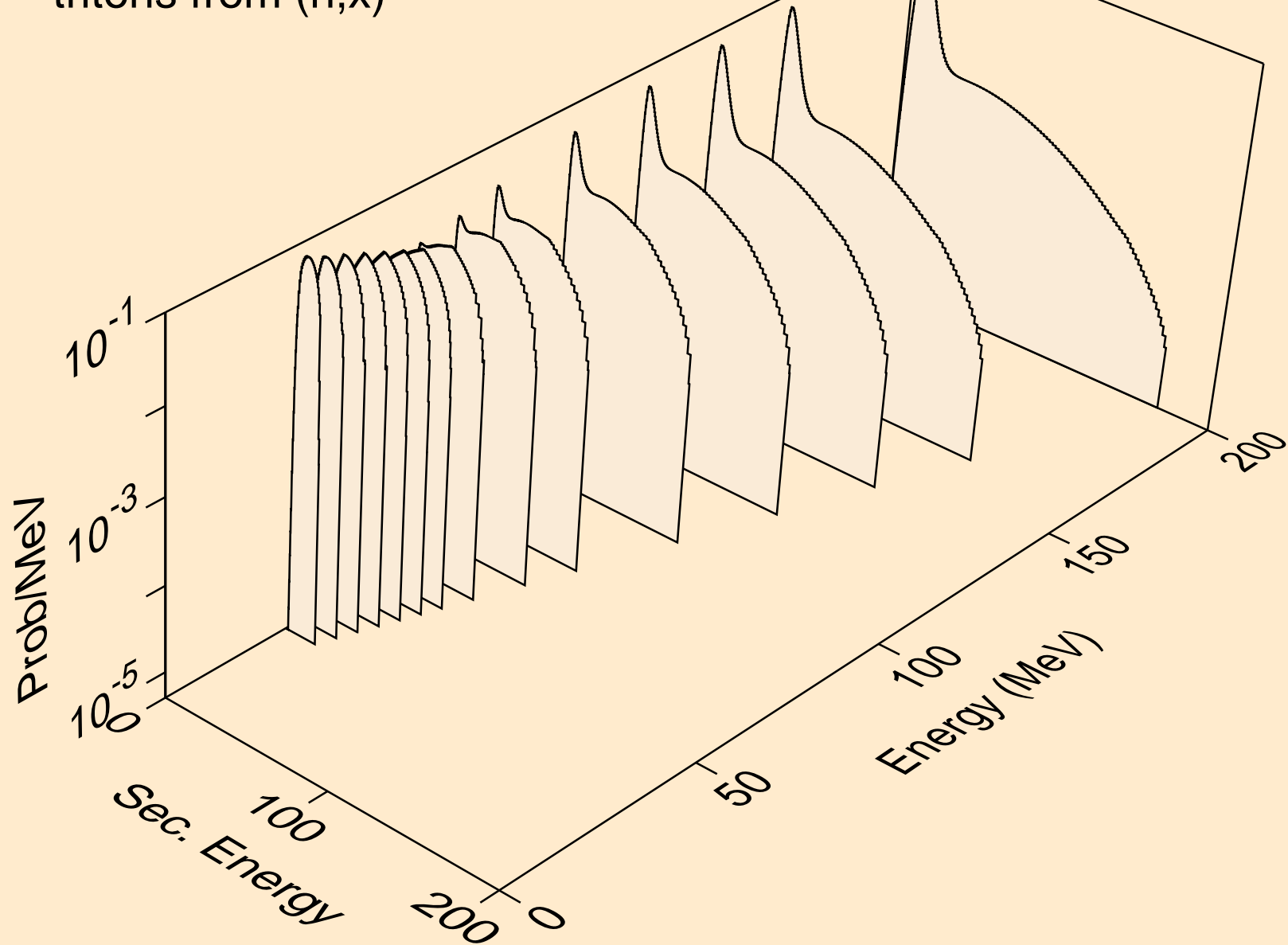
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deuterons from (n,pd)



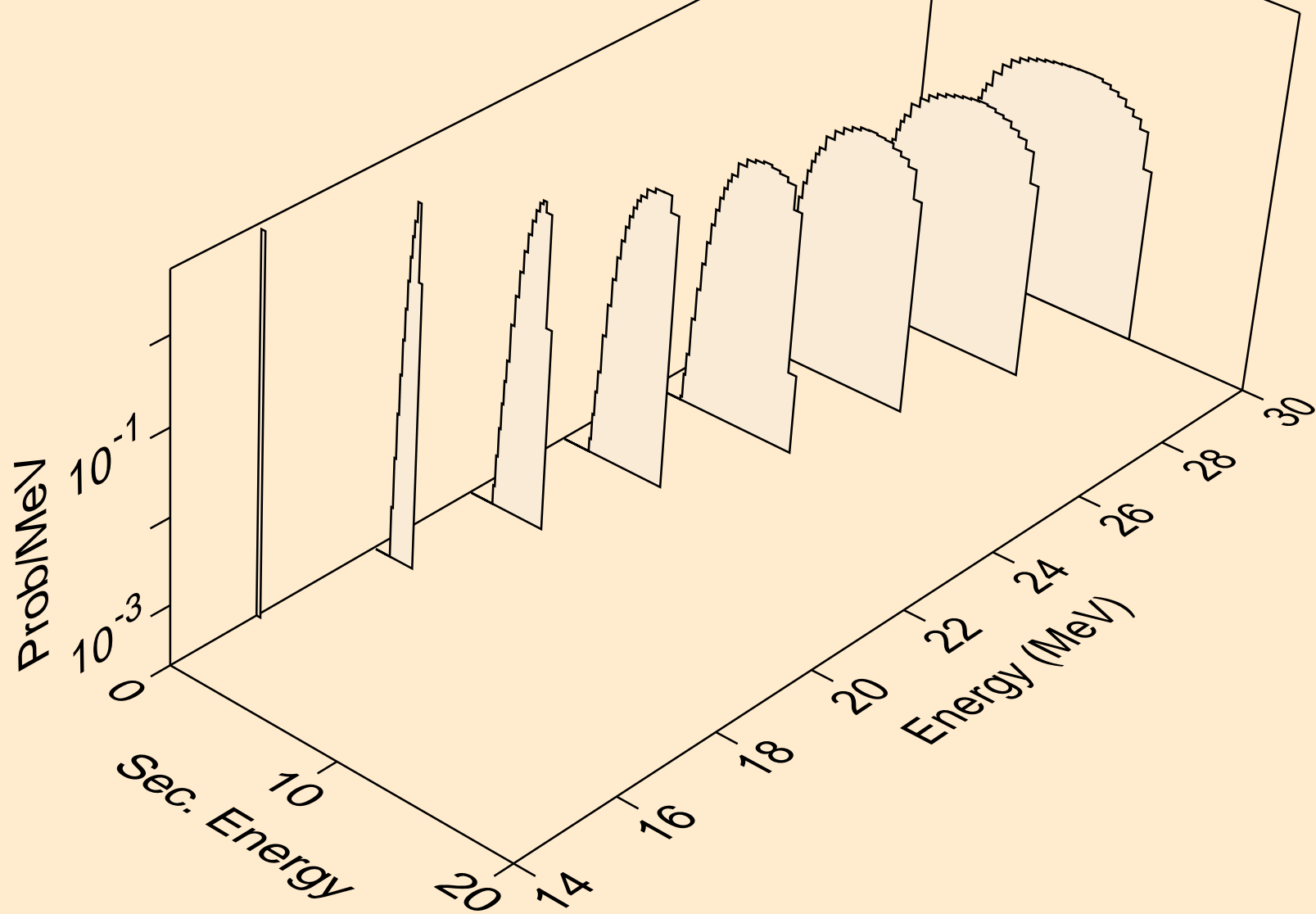
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deuterons from (n,da)



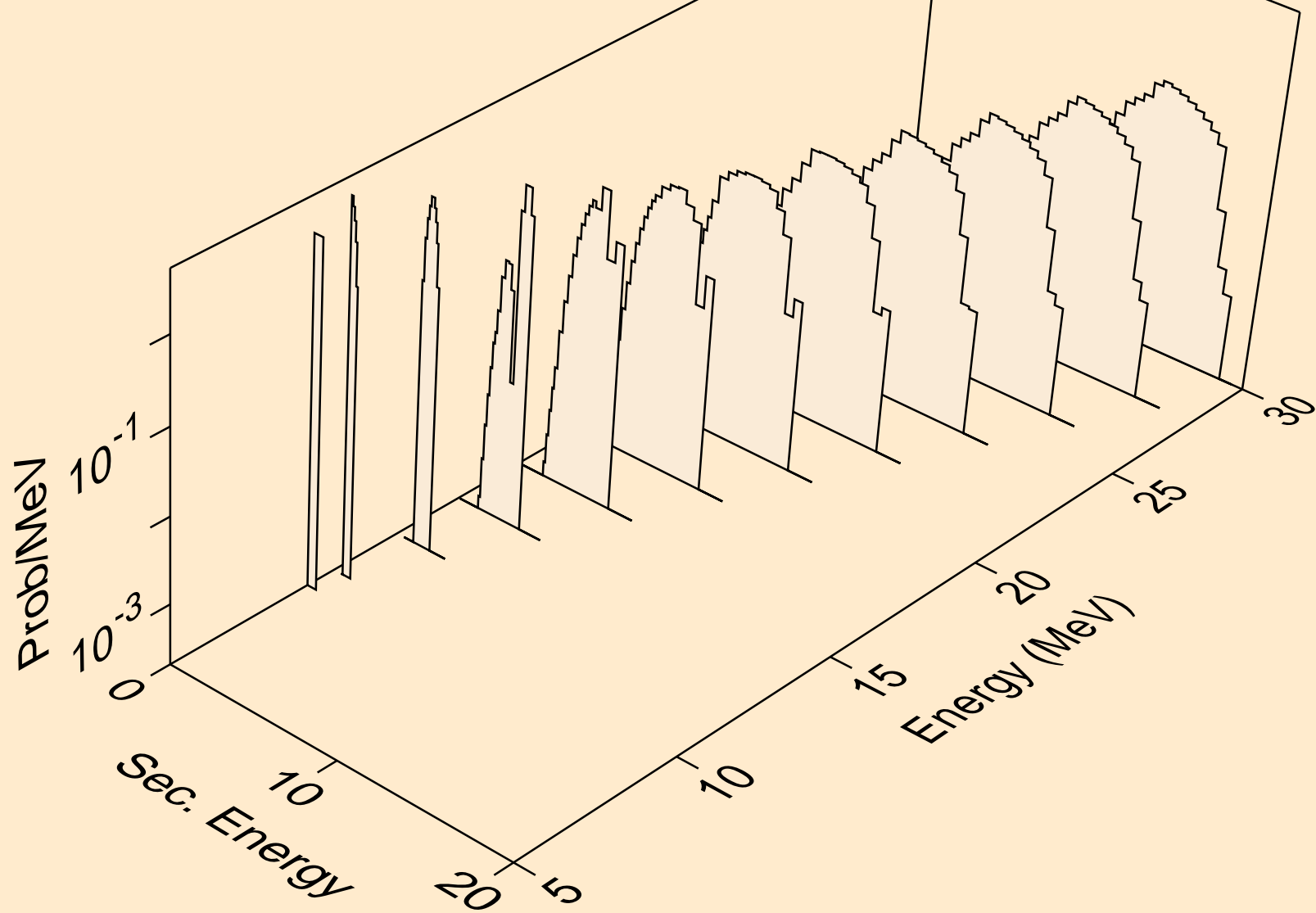
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

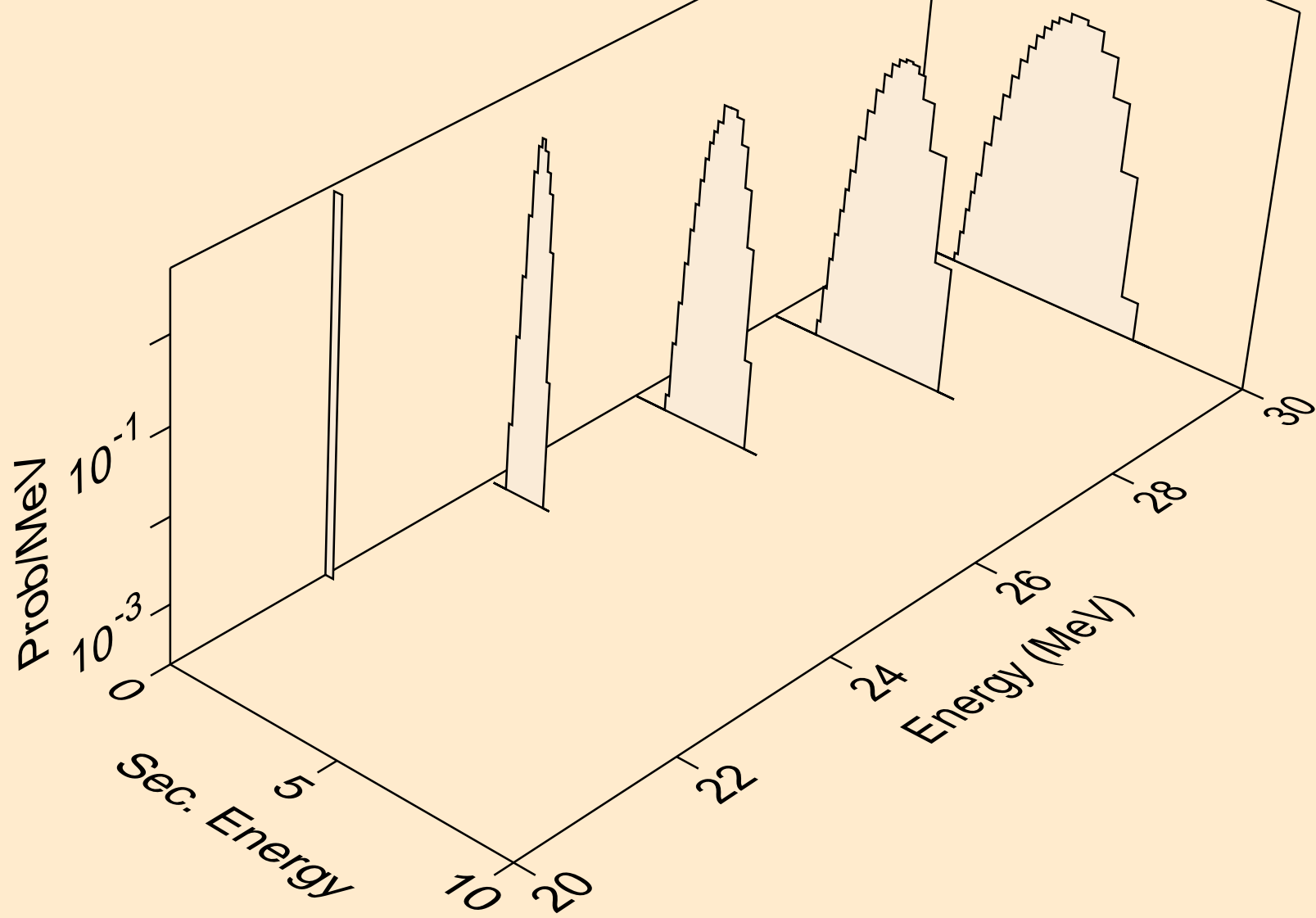


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tritons from (n,t)

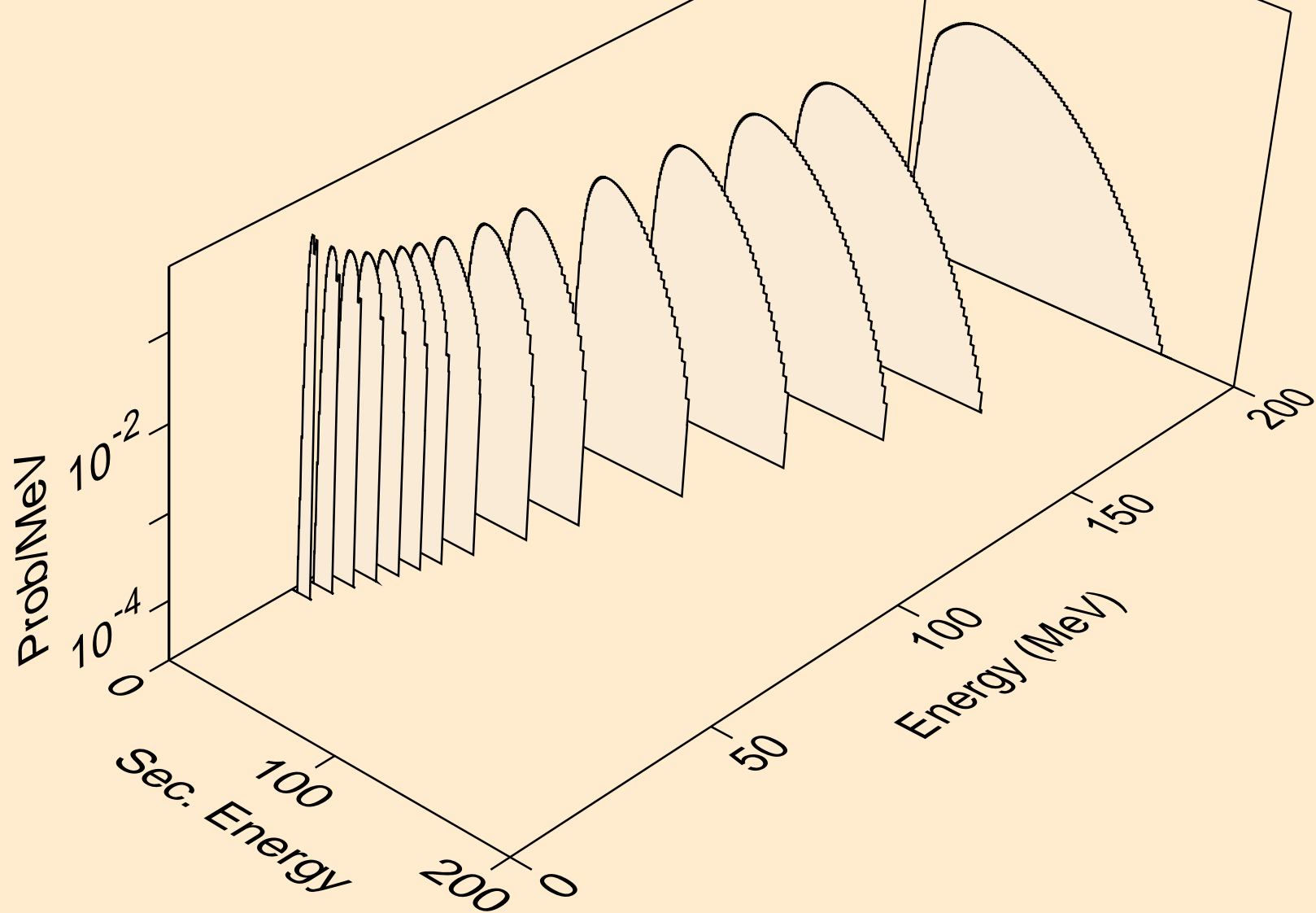




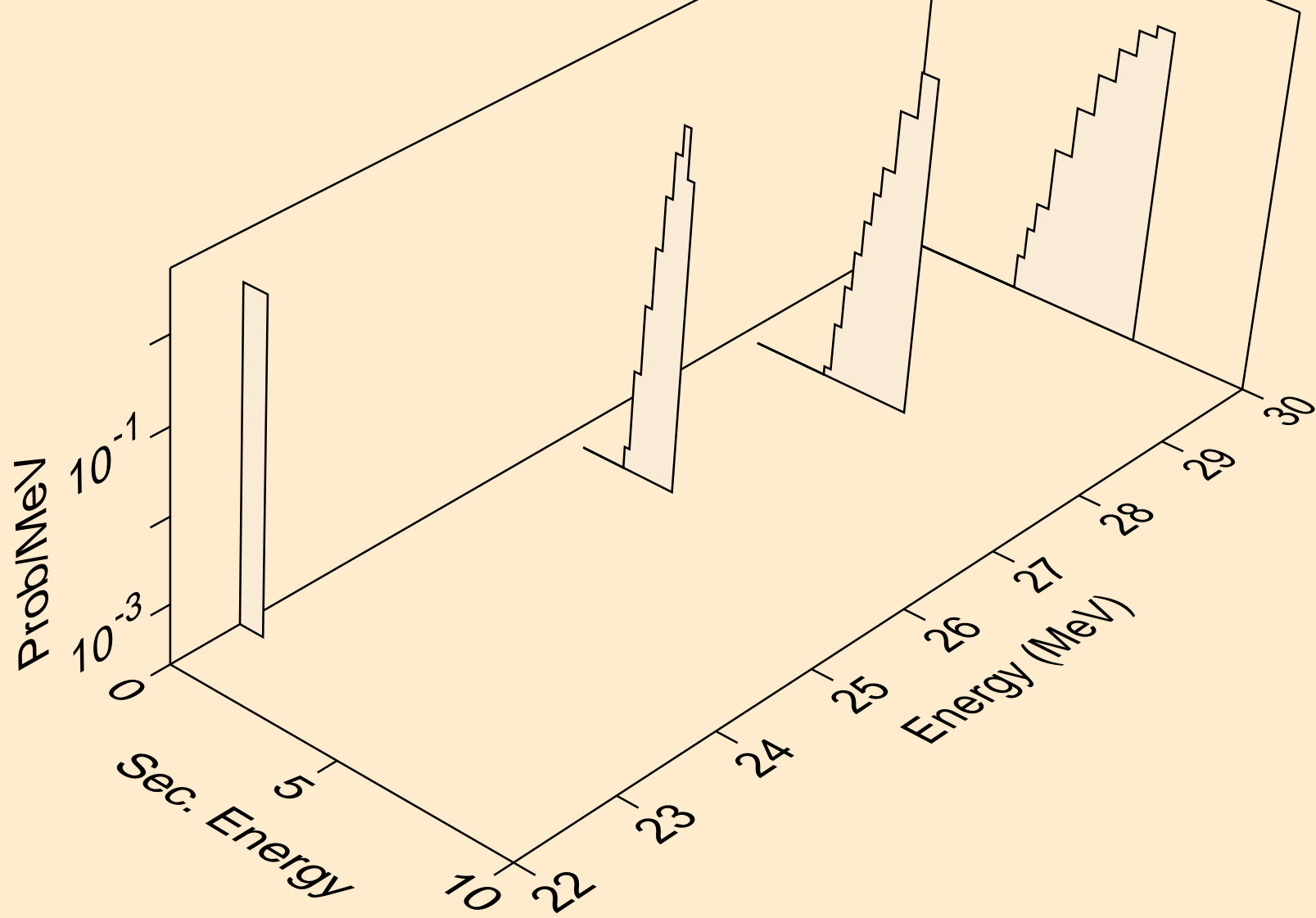
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



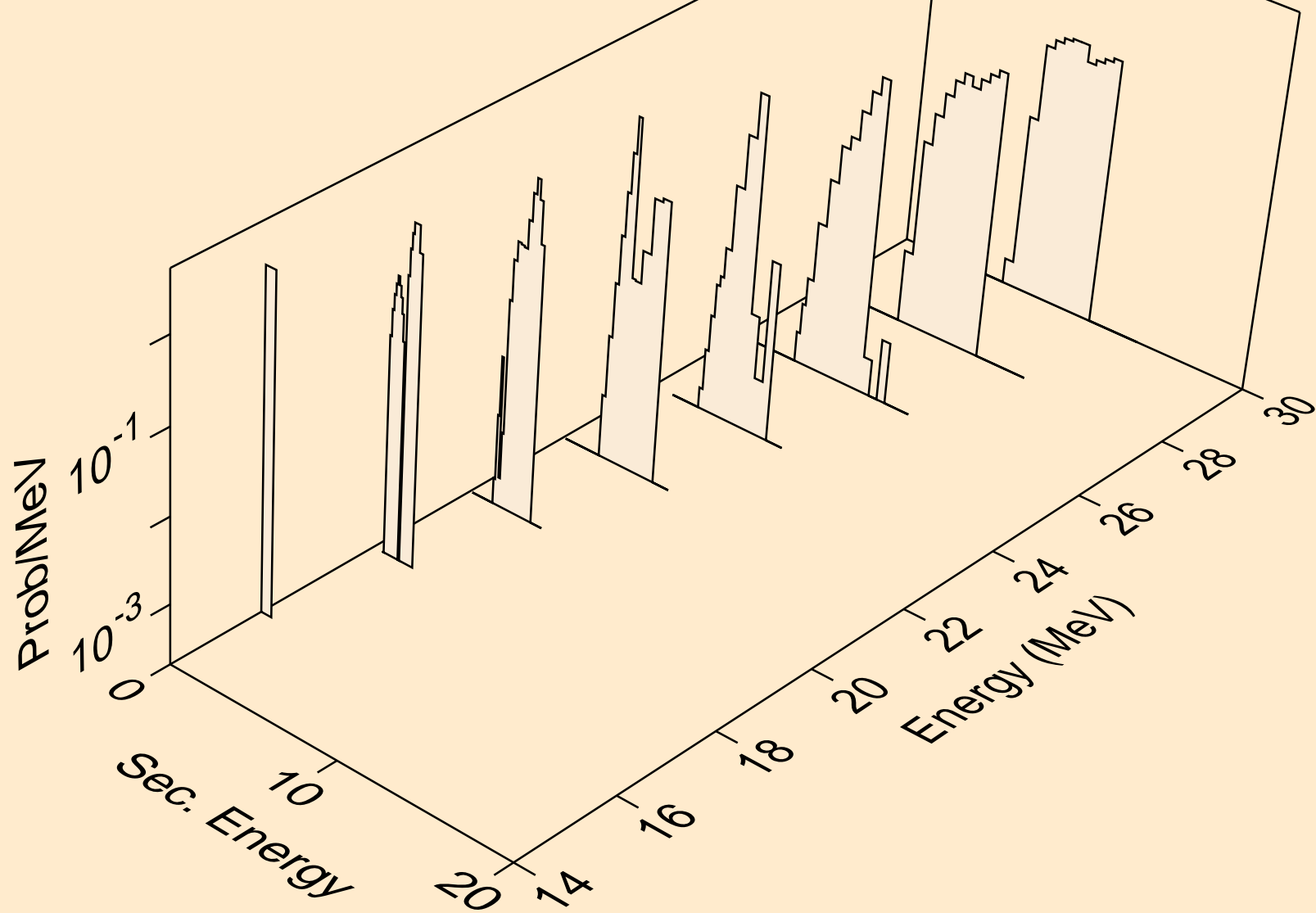
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



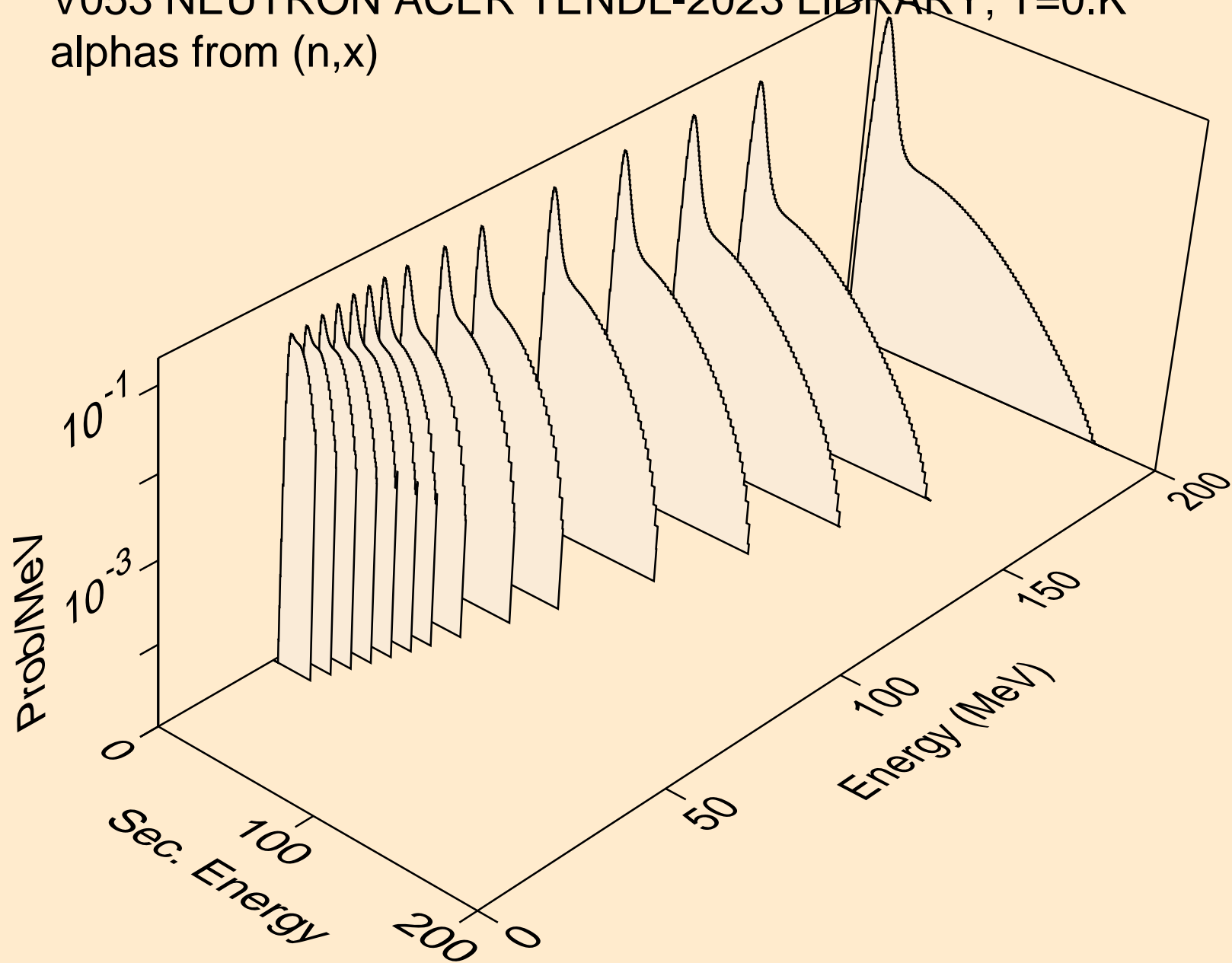
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



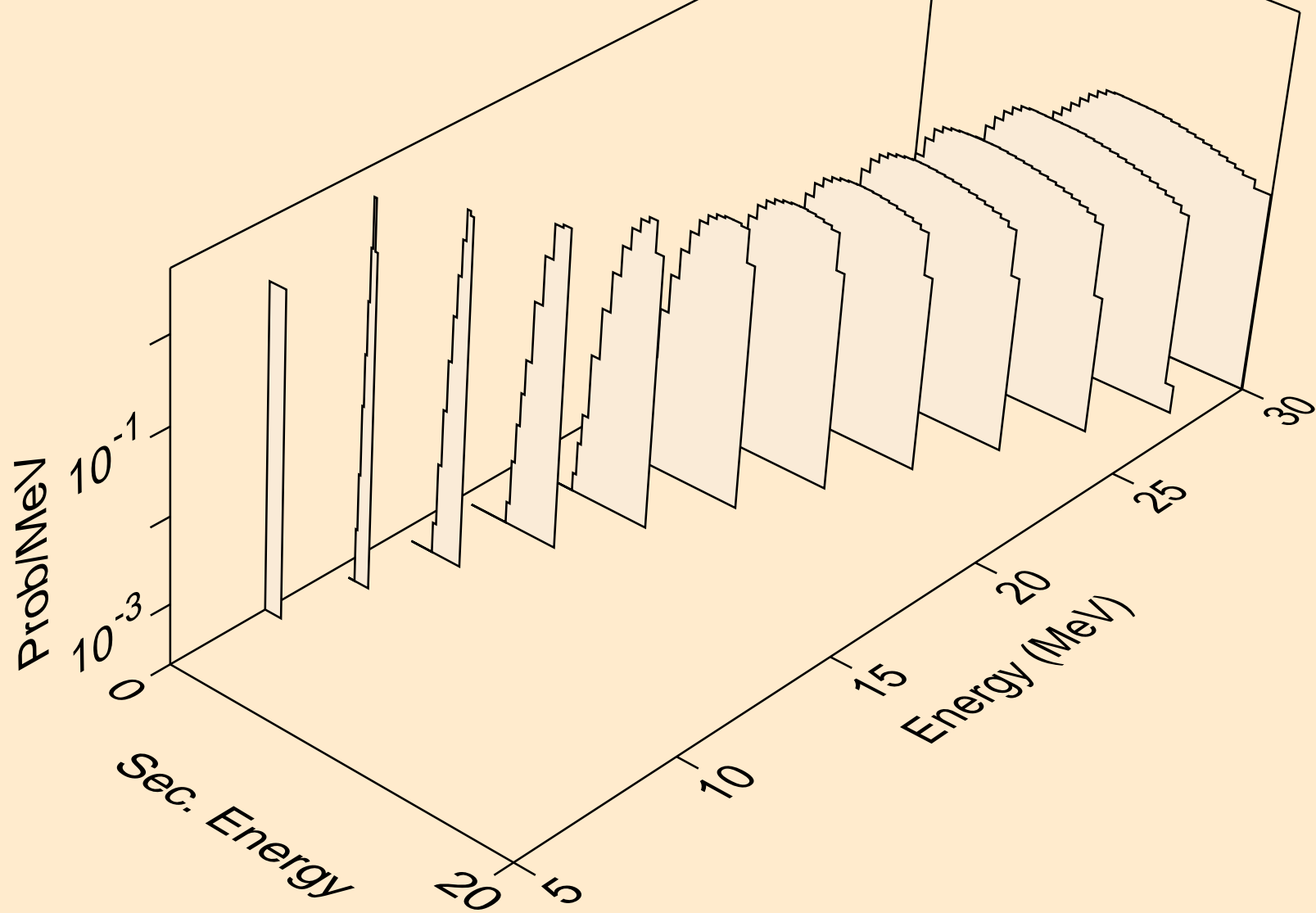
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he3s from (n,he3)



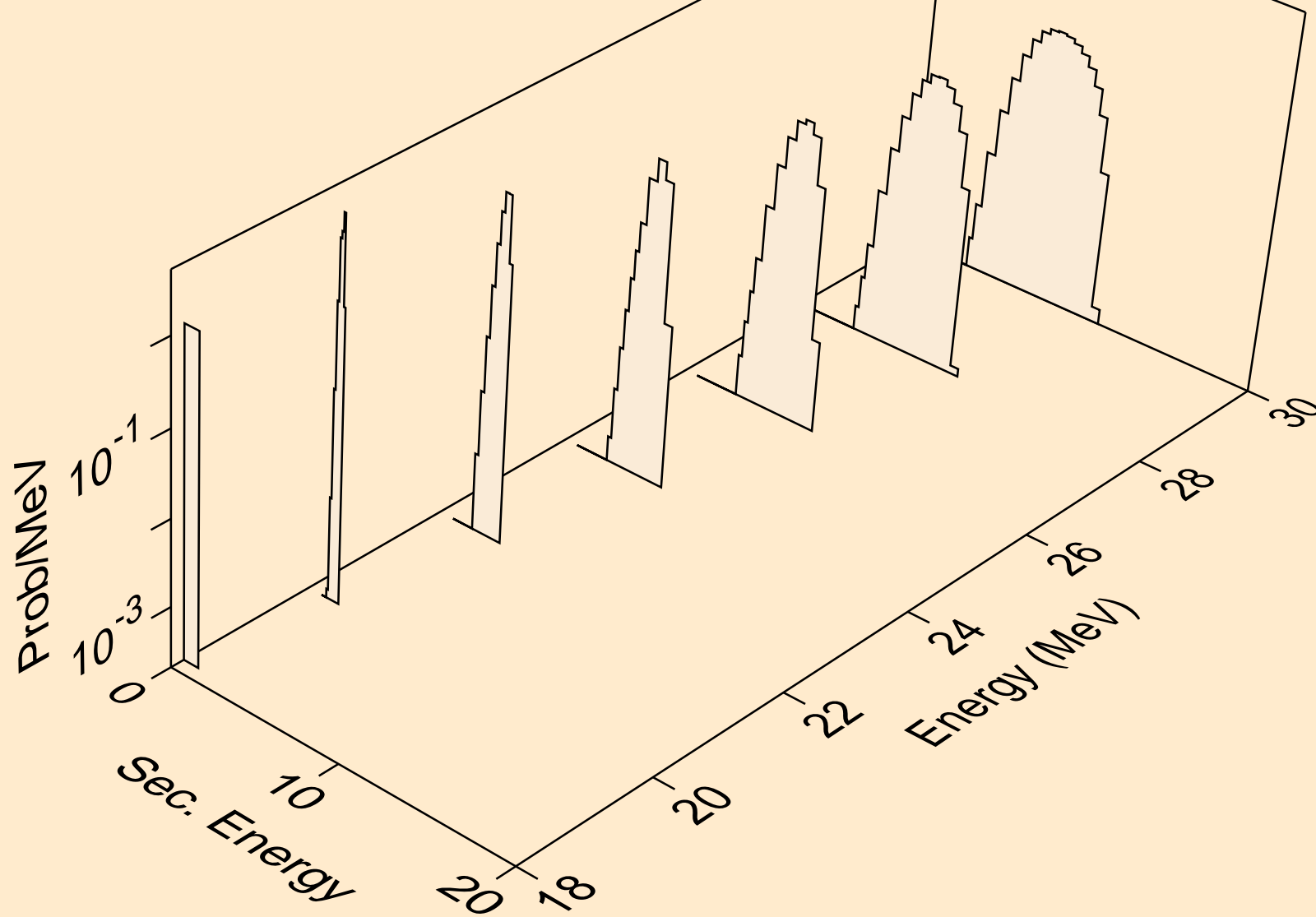
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



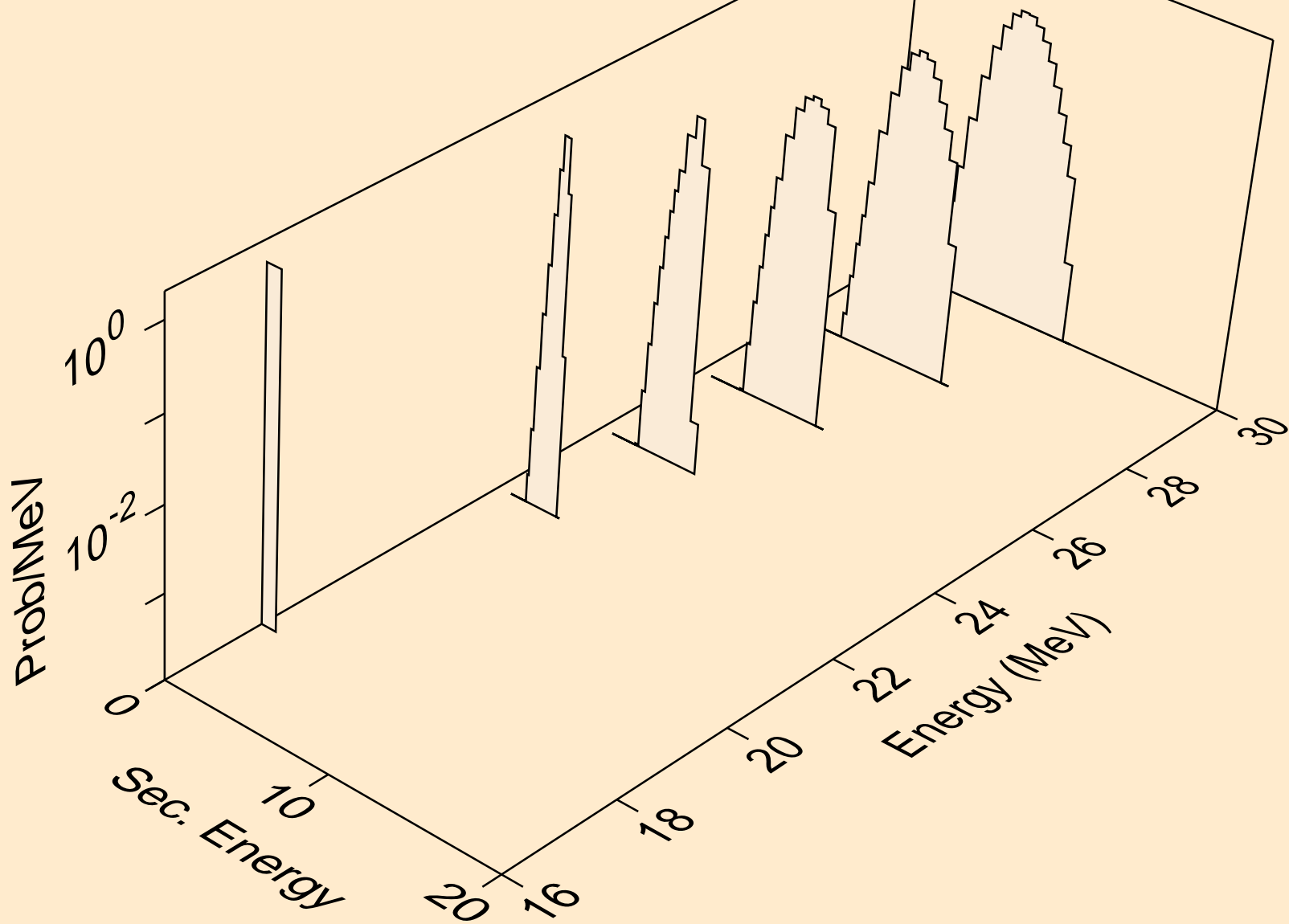
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

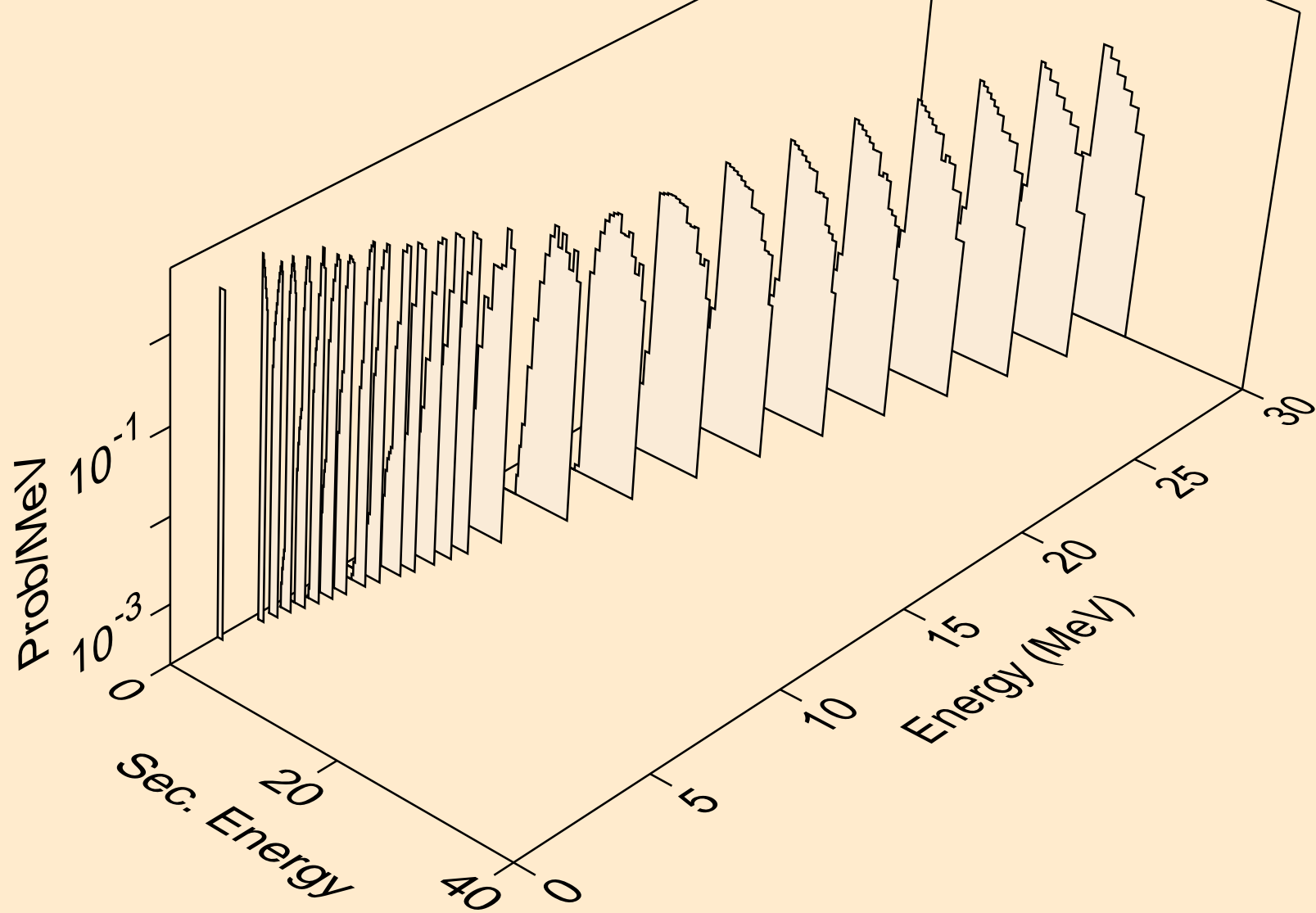


V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

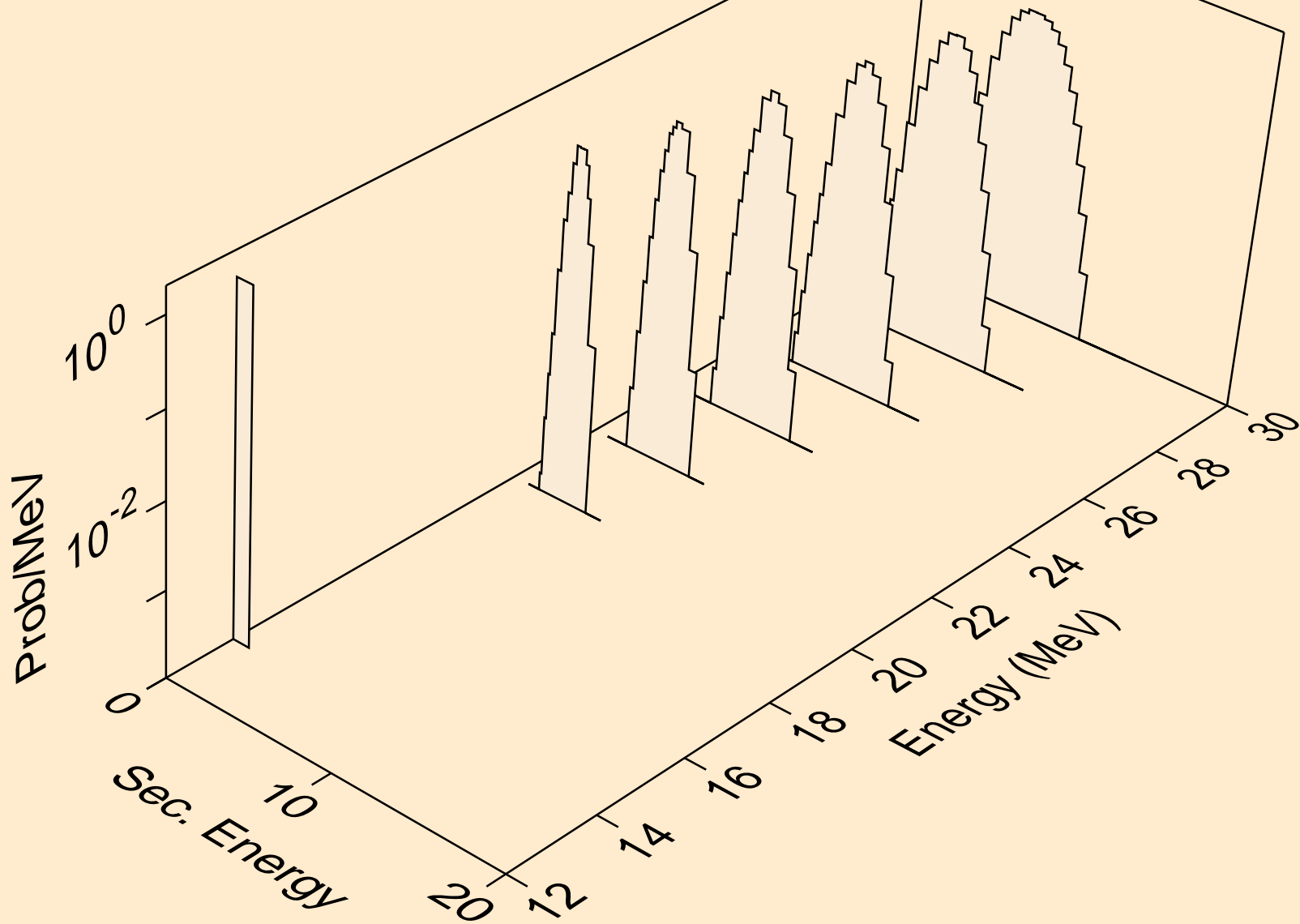




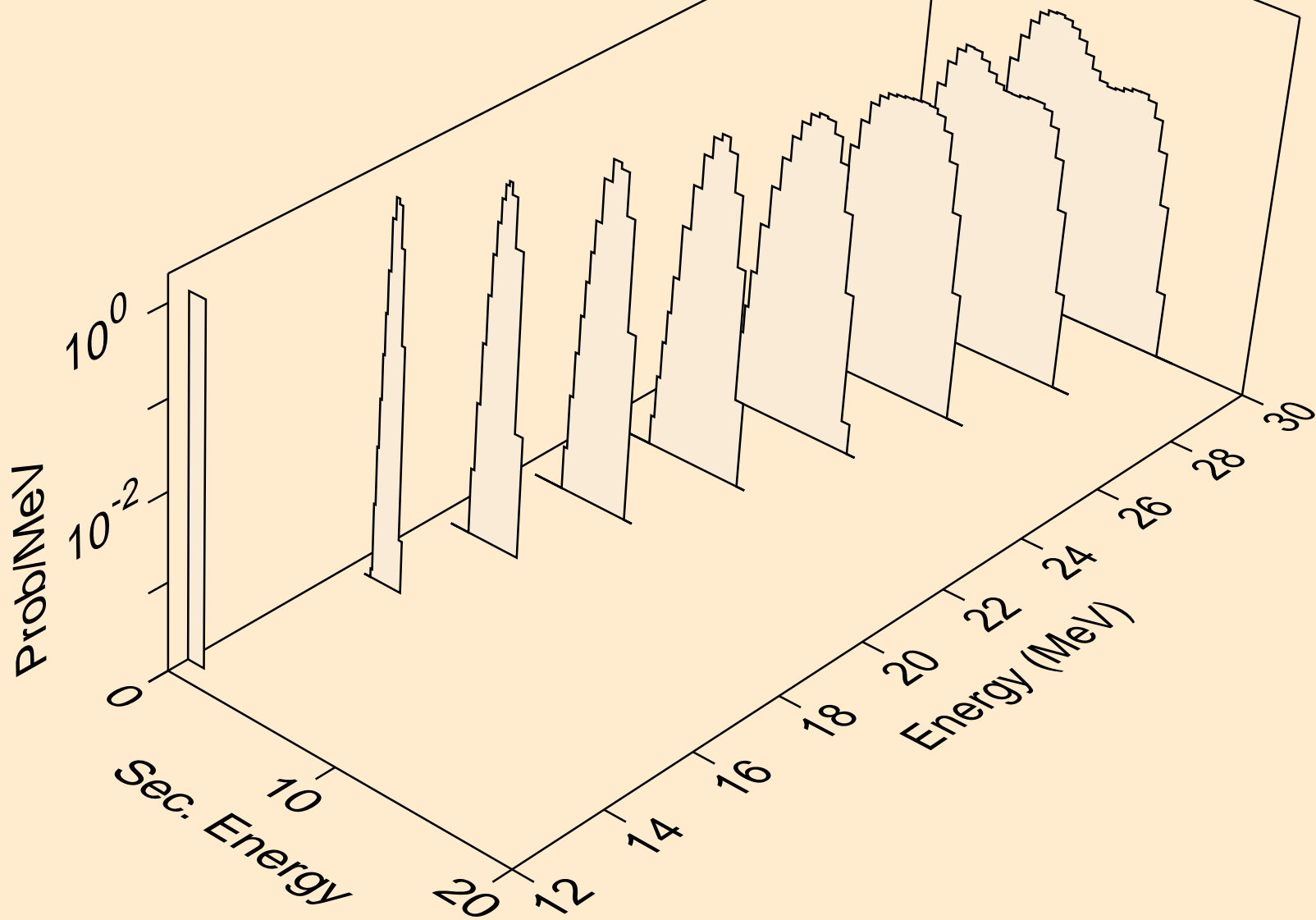
V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



V053 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

