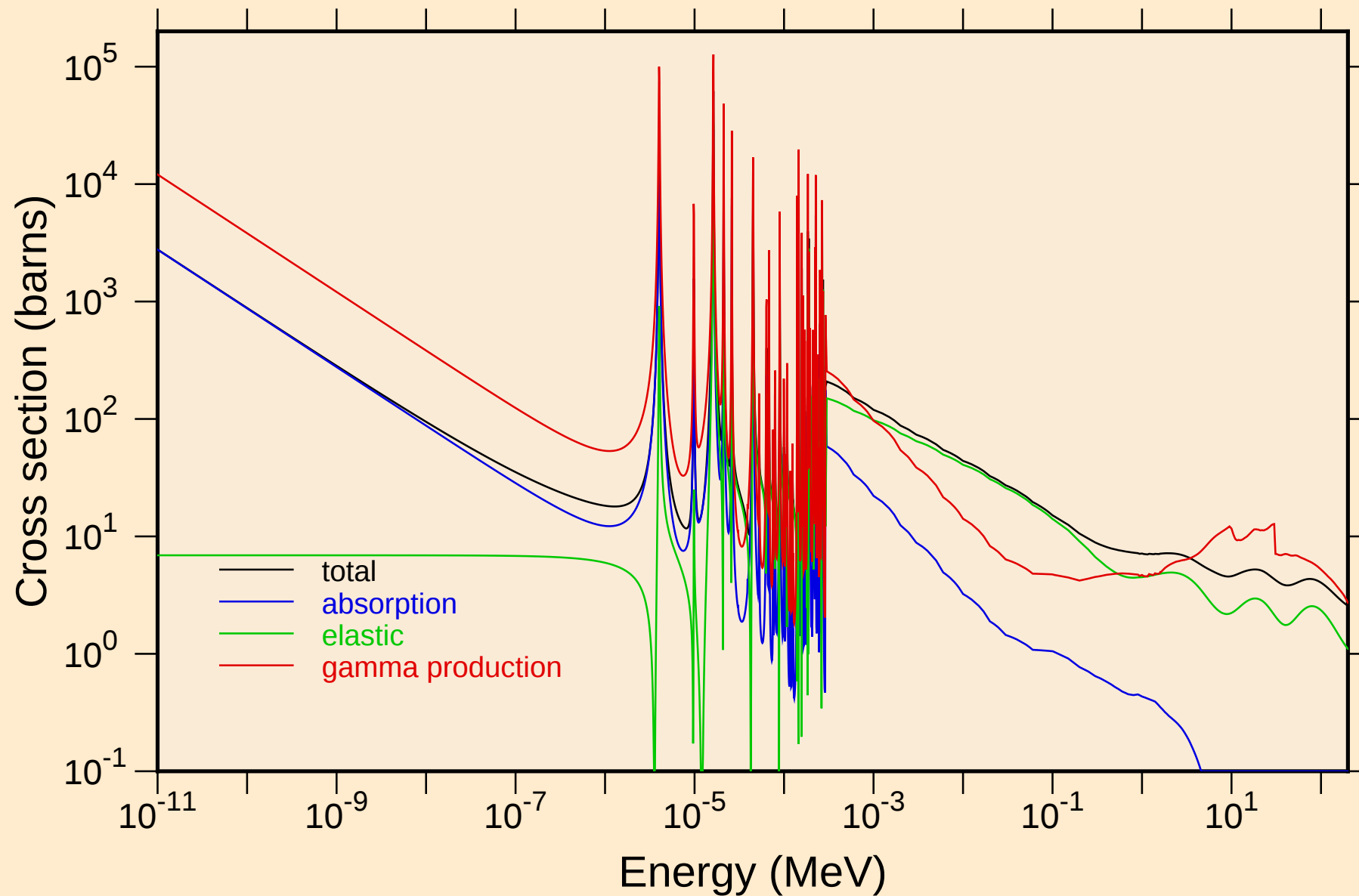
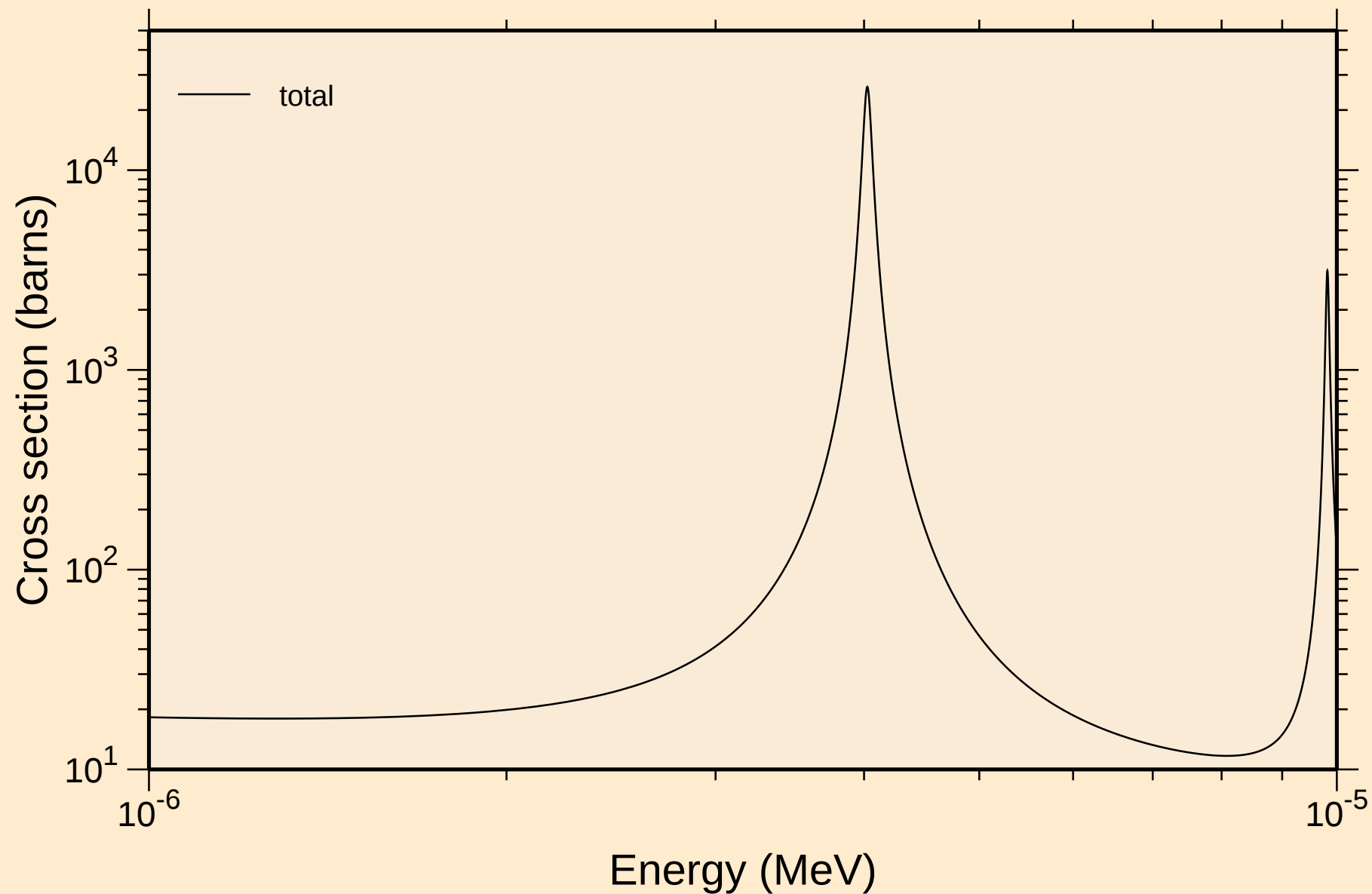


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

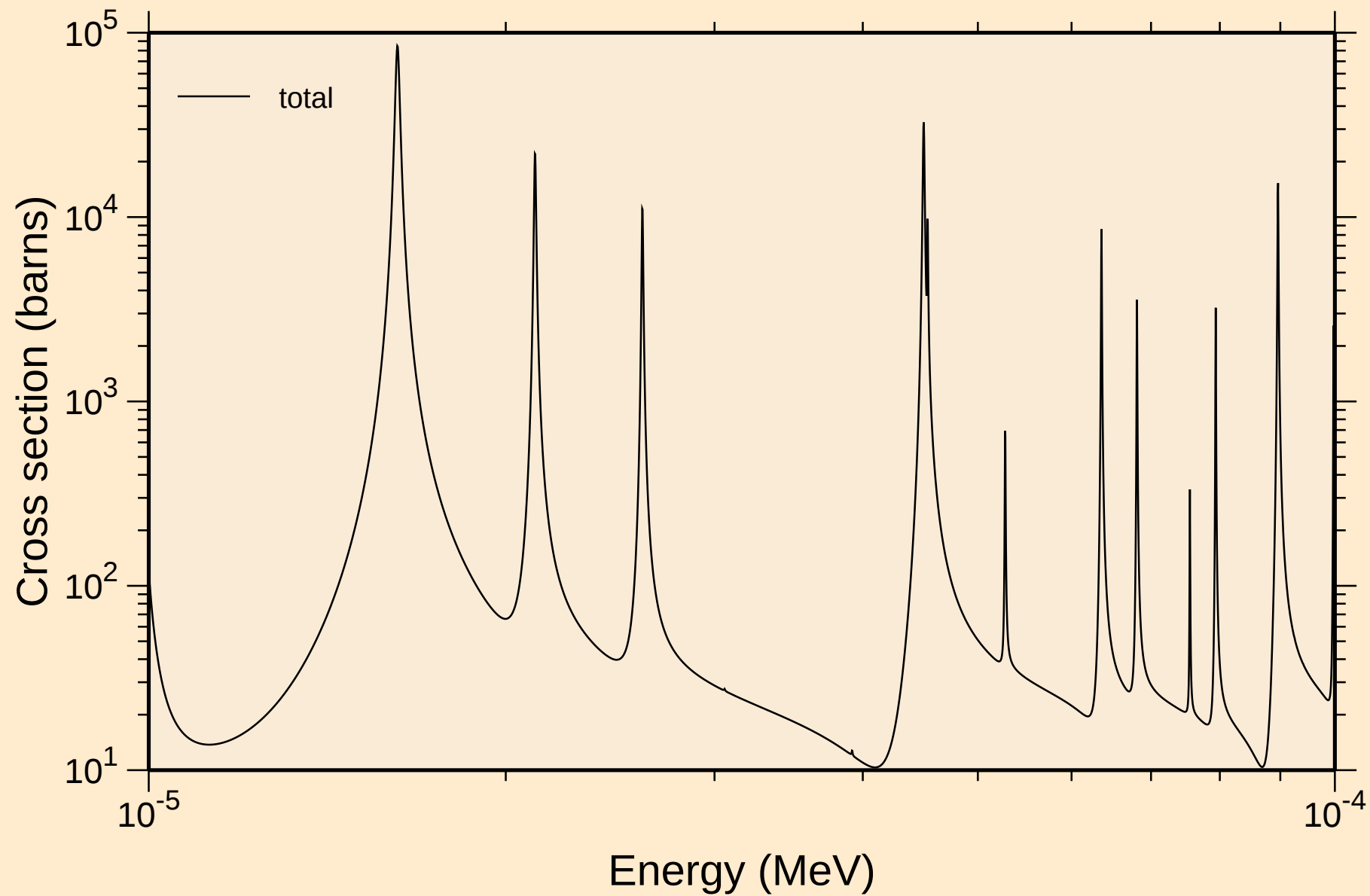
## Principal cross sections



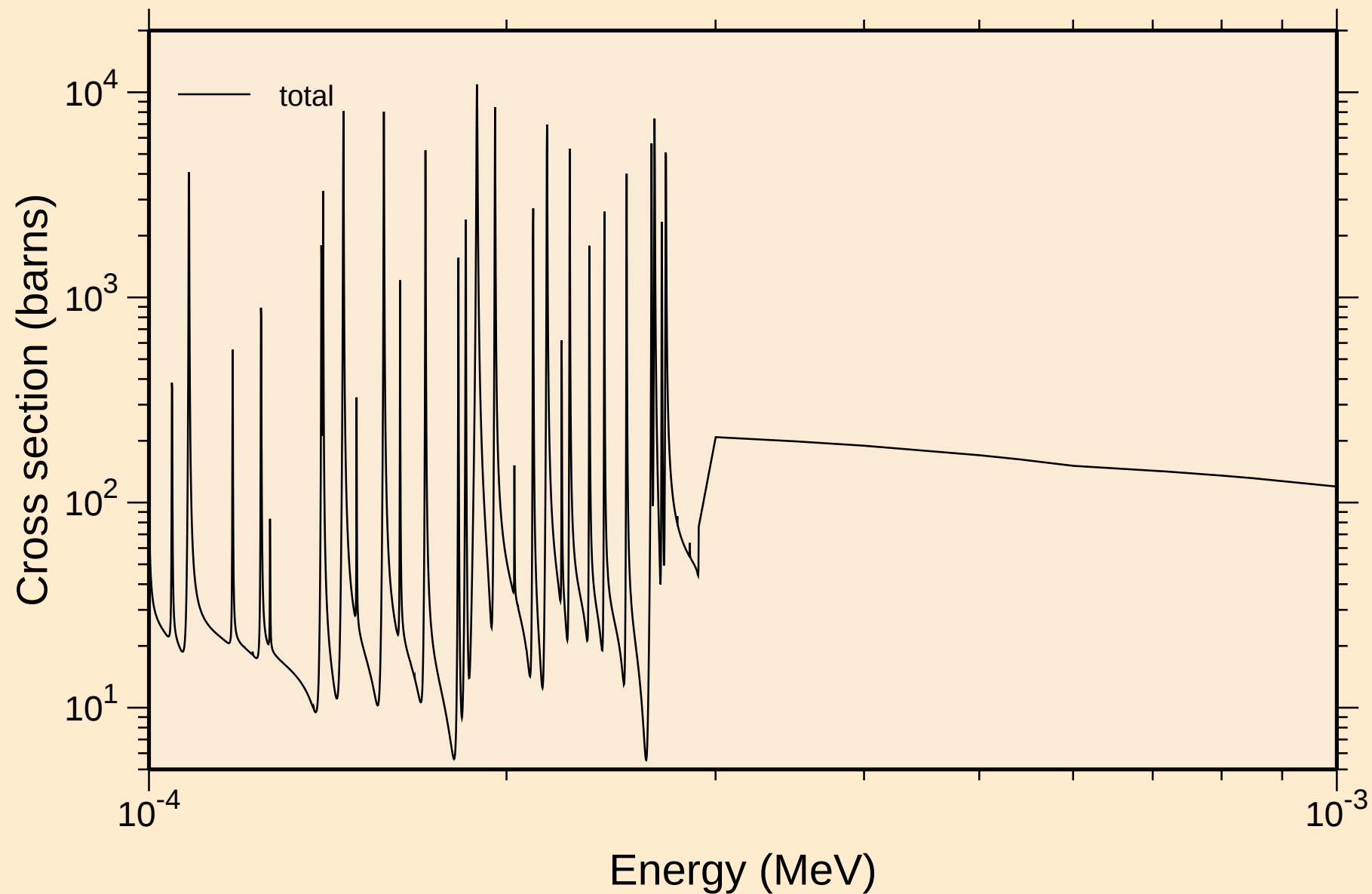
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



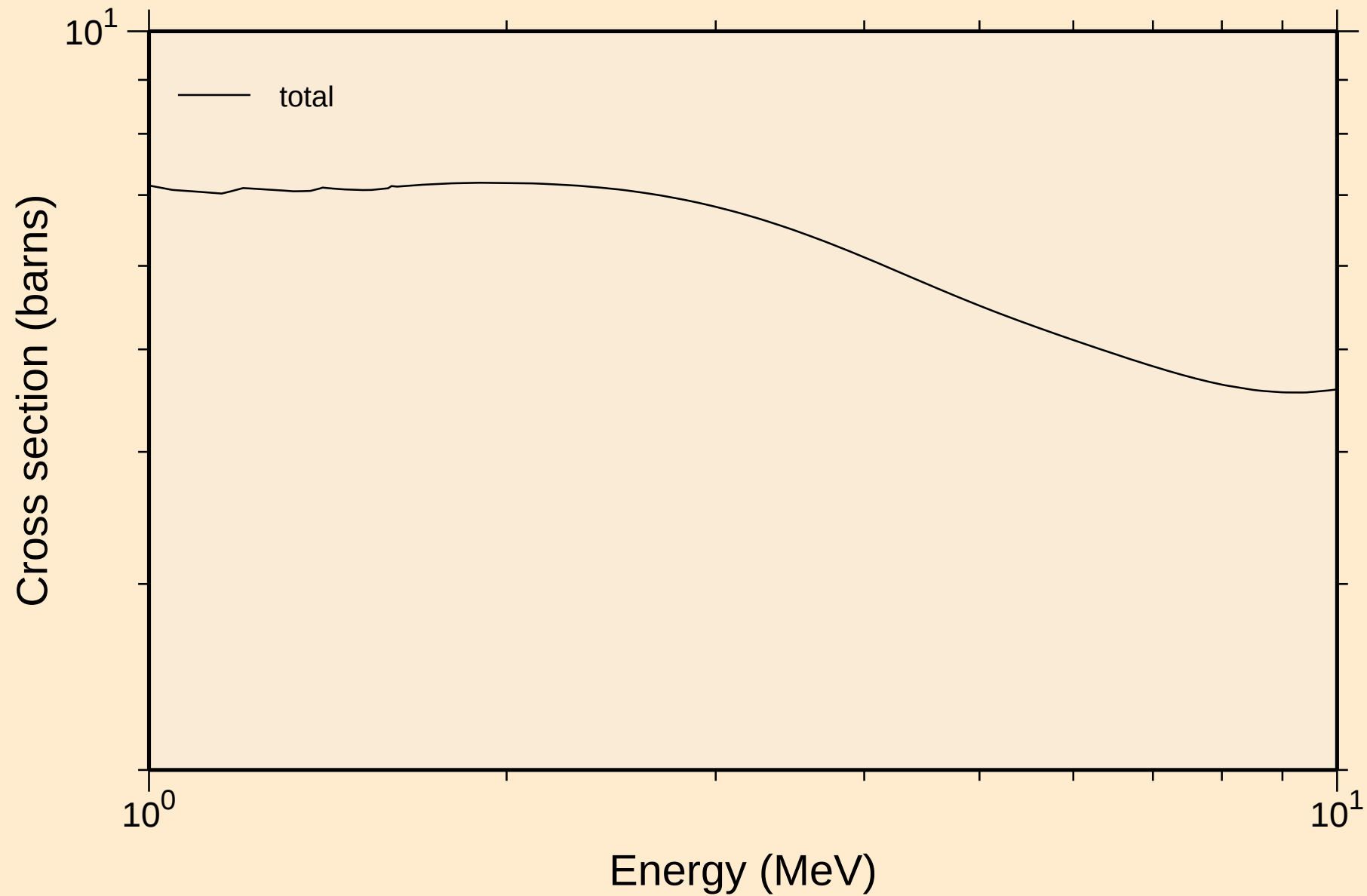
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



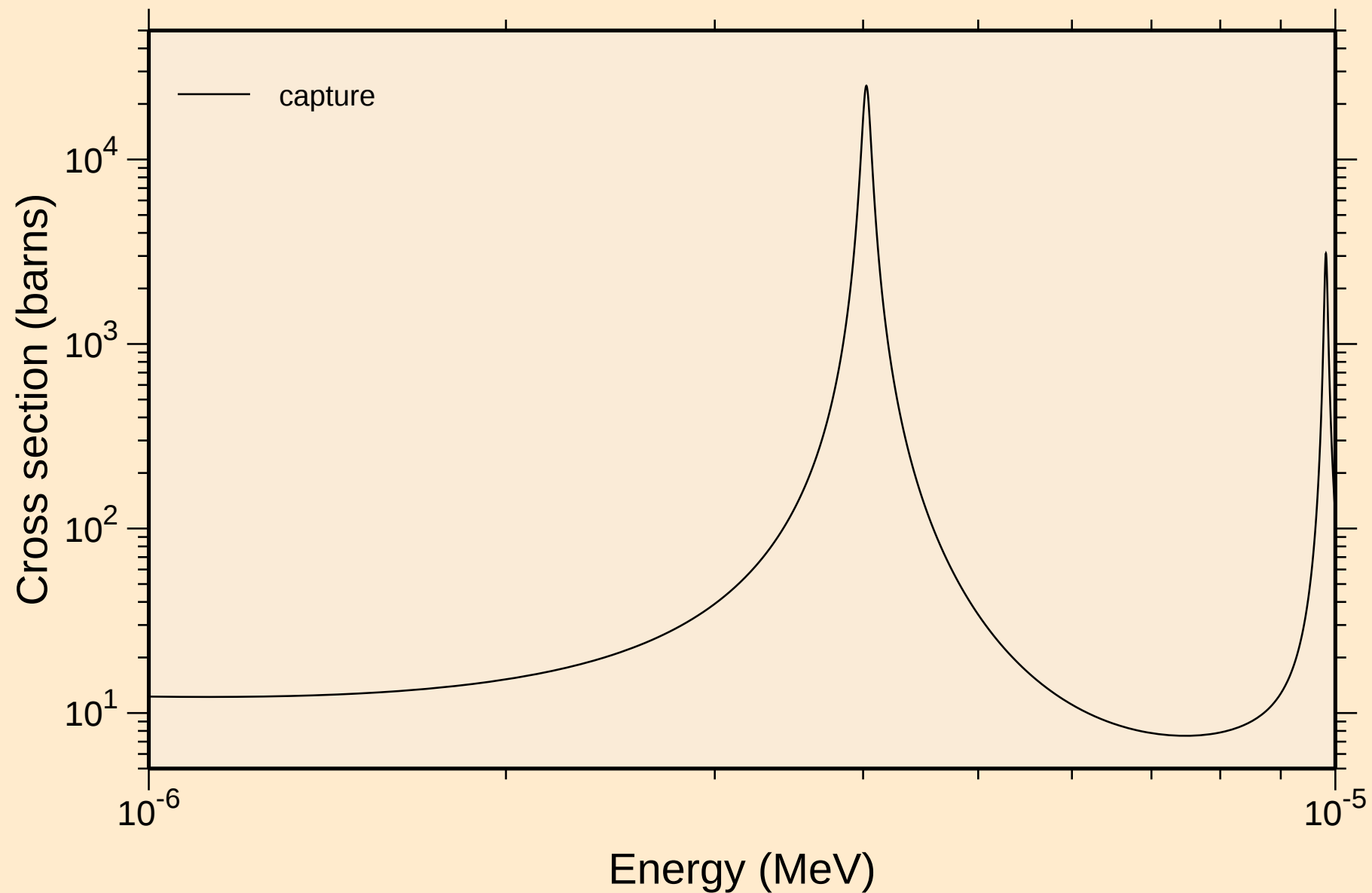
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



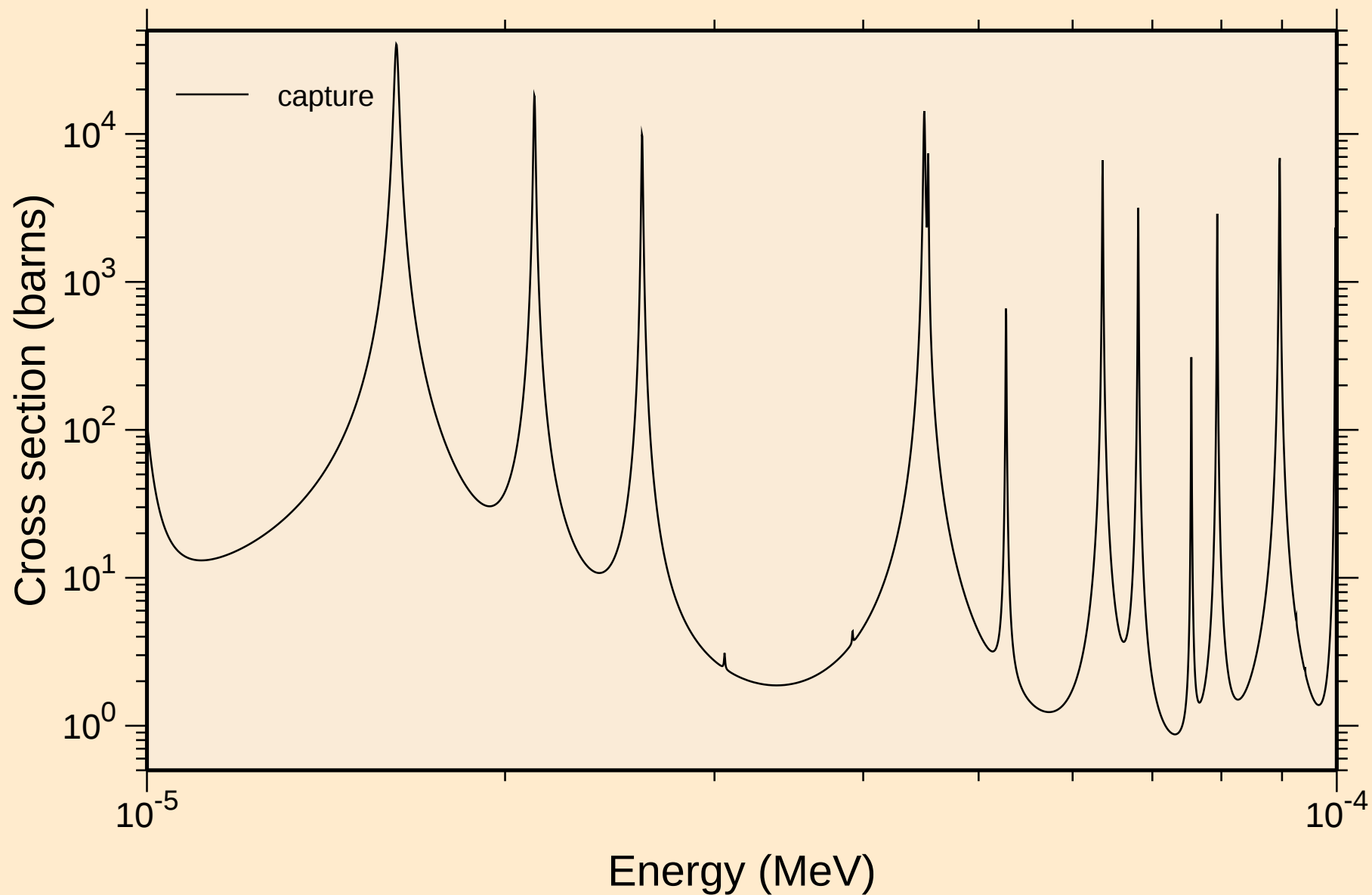
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



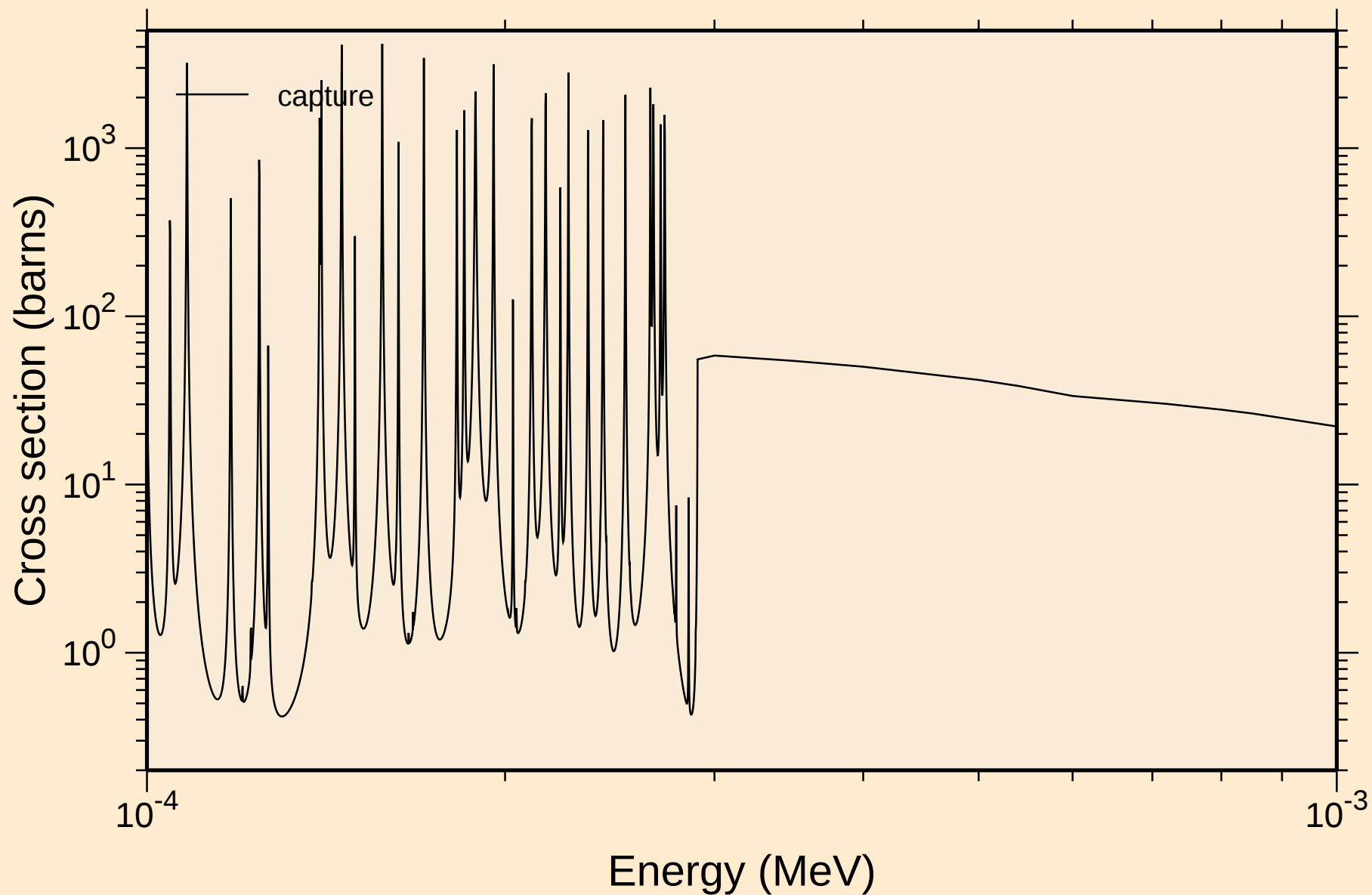
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



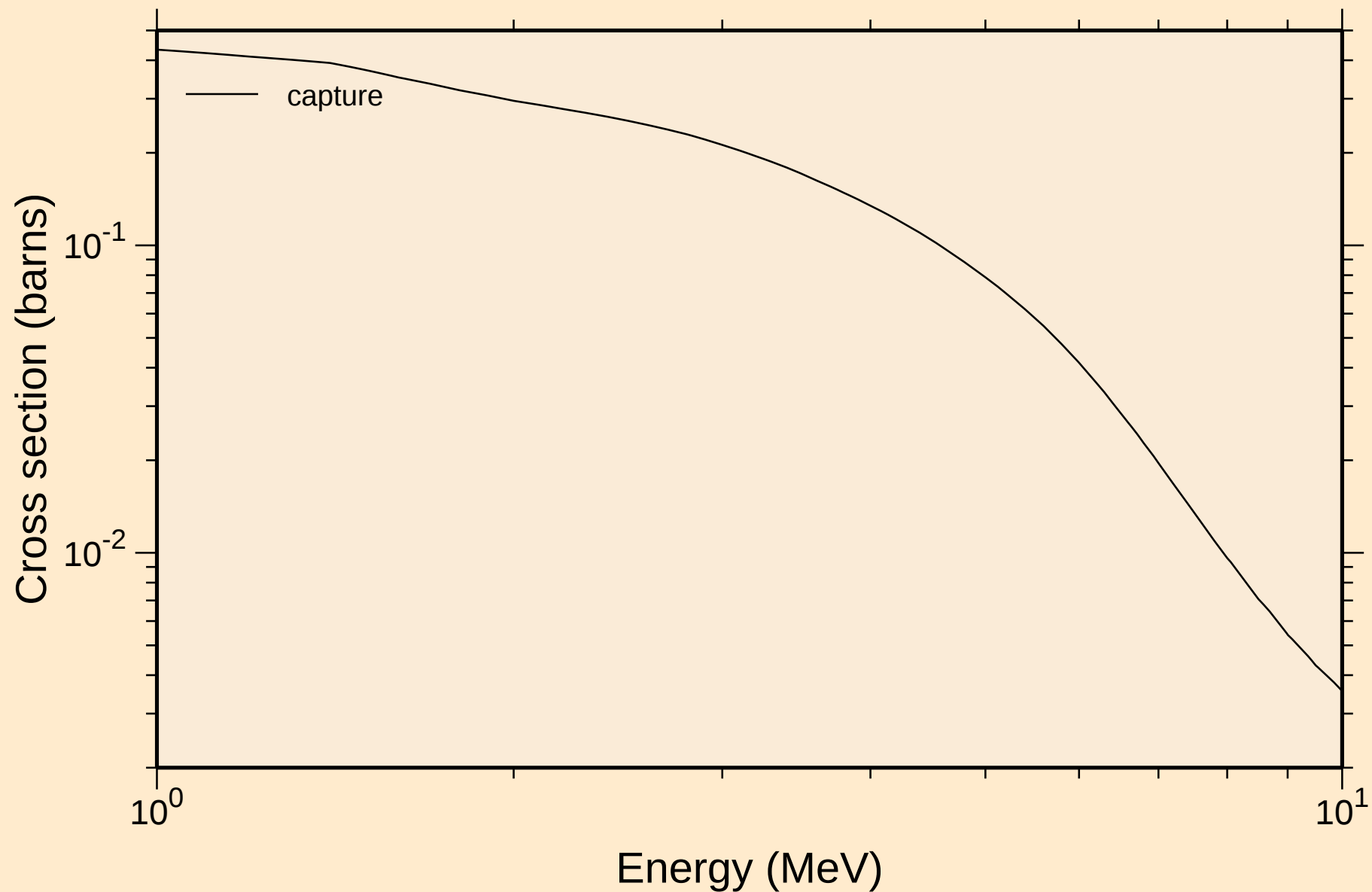
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

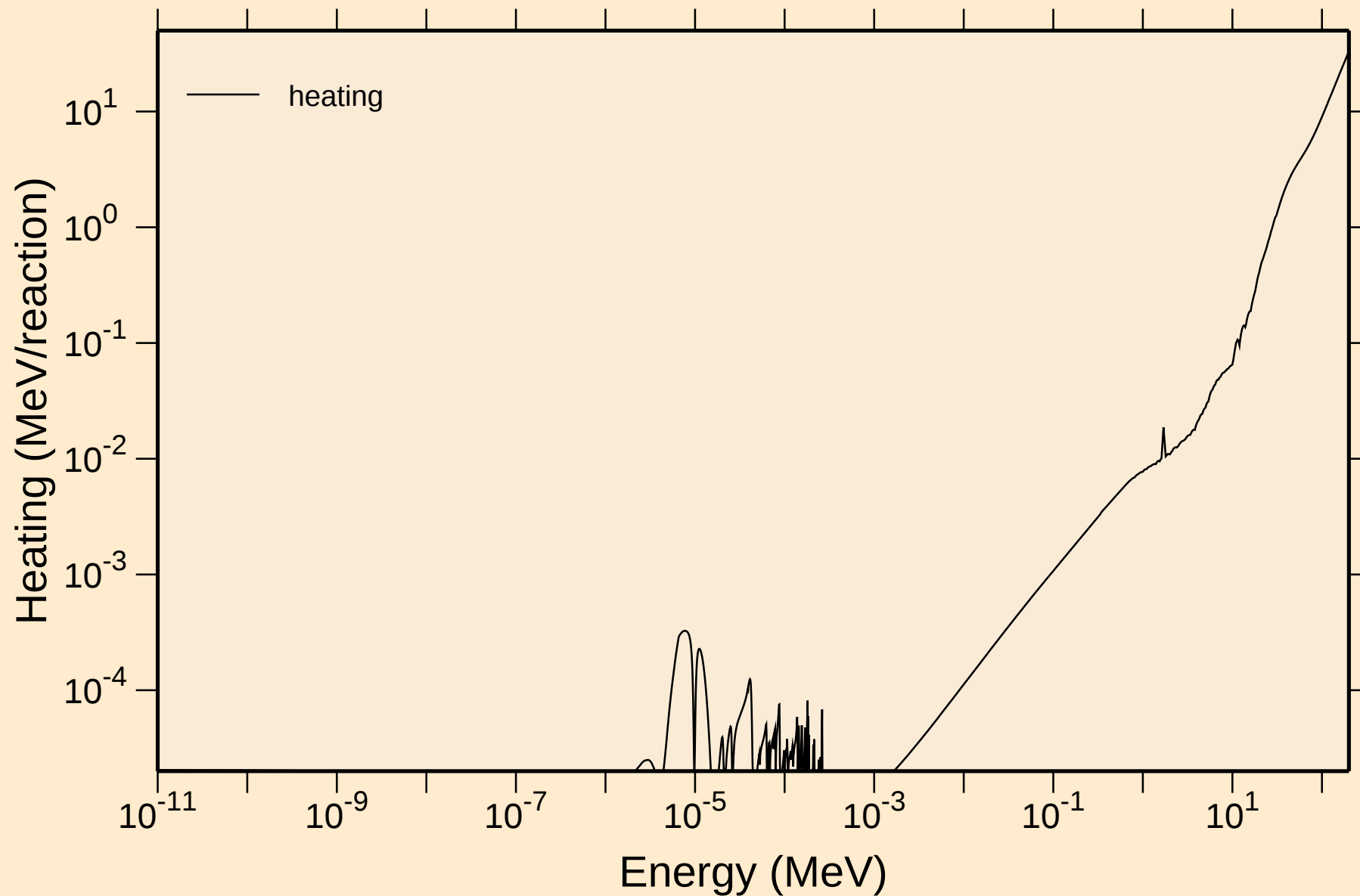


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



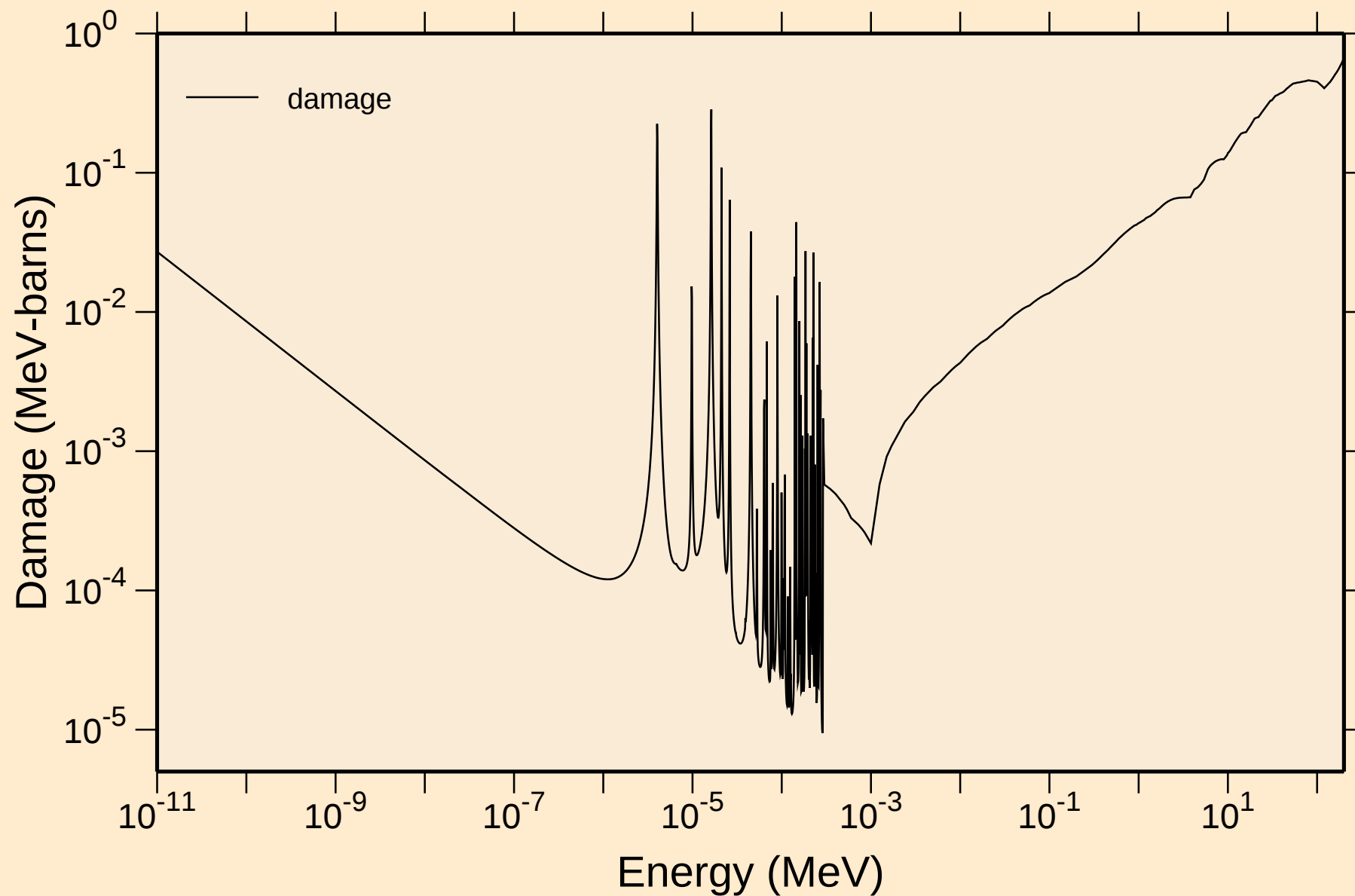
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

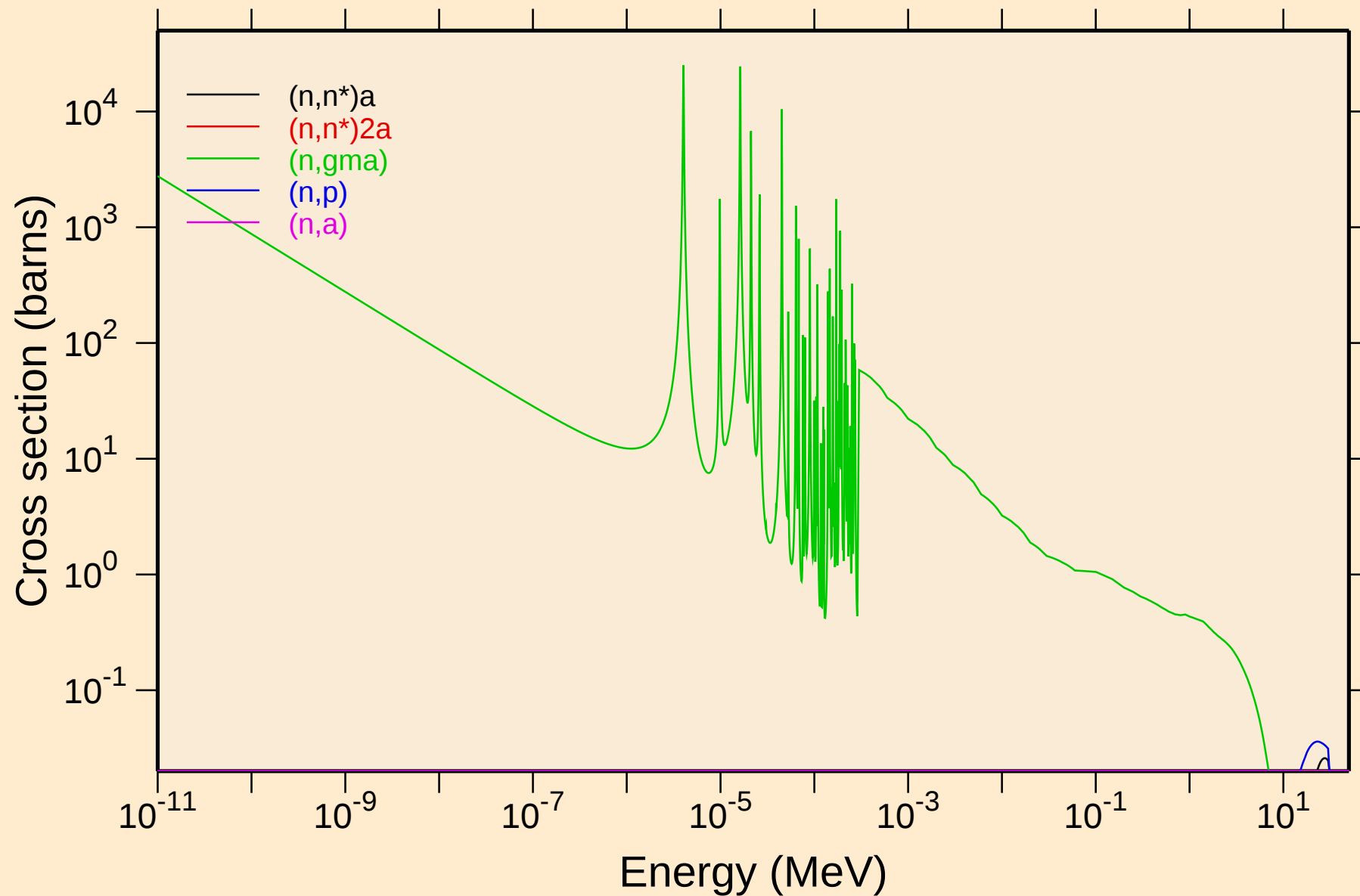


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

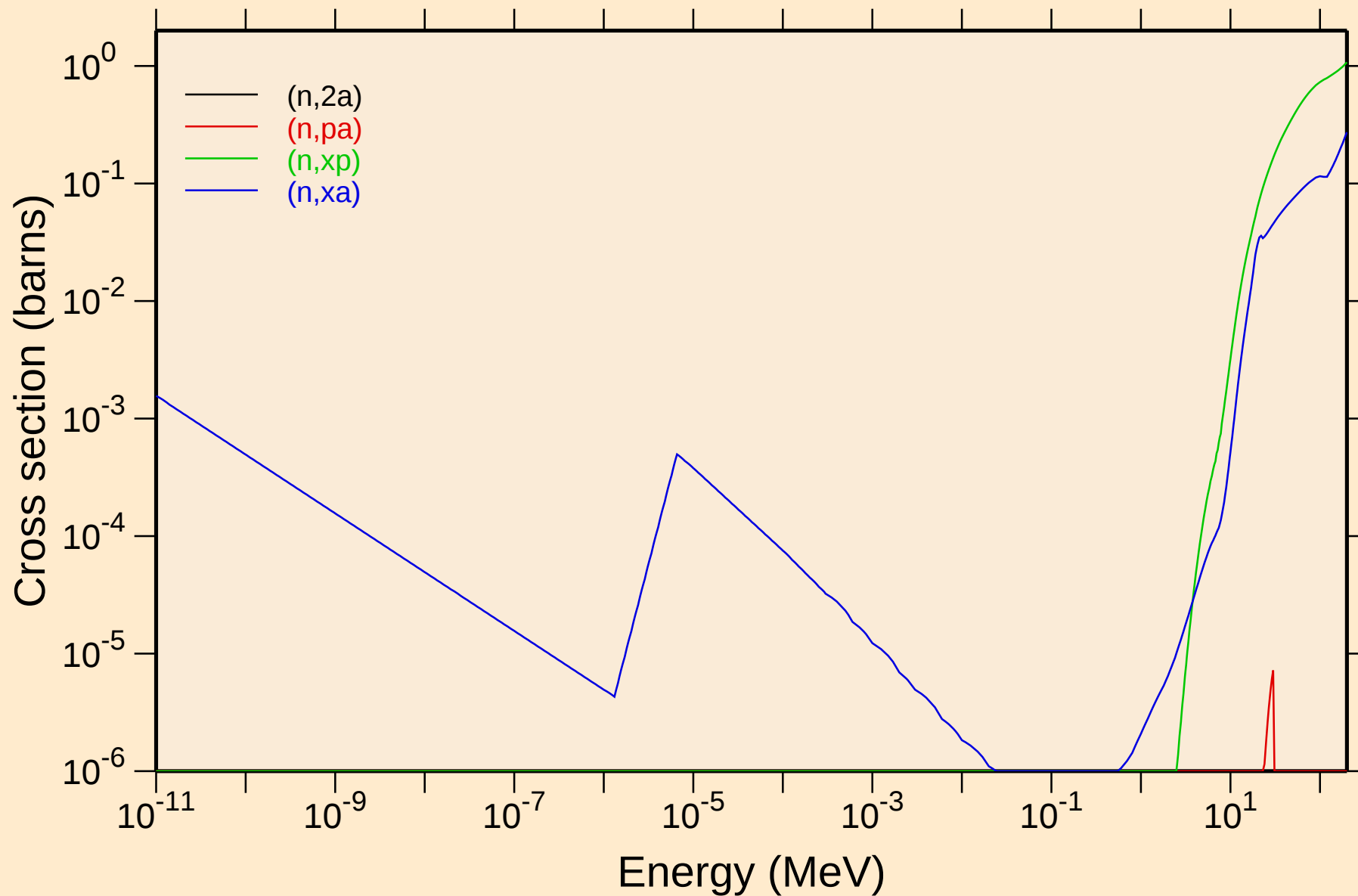
Damage



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

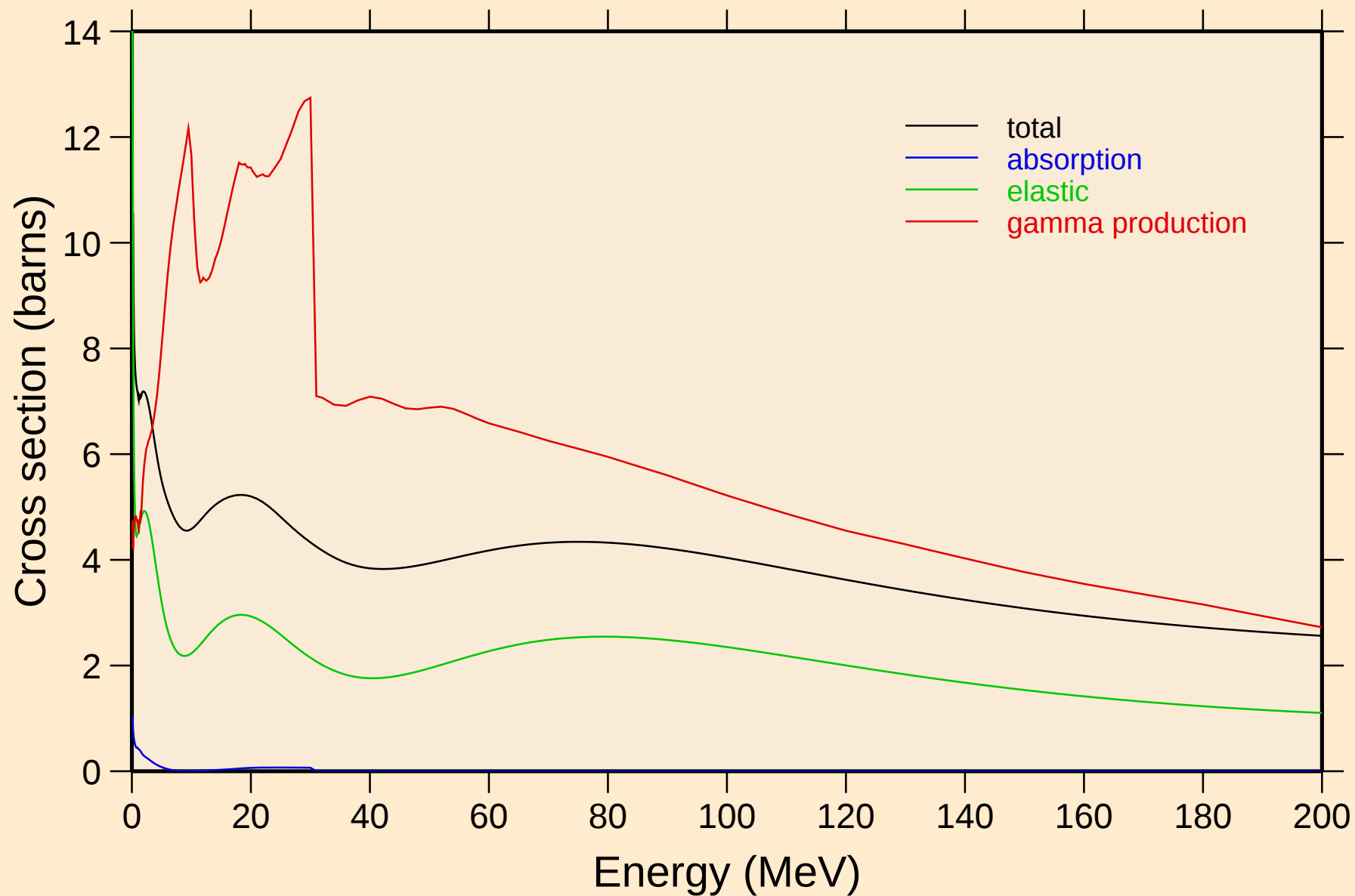


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



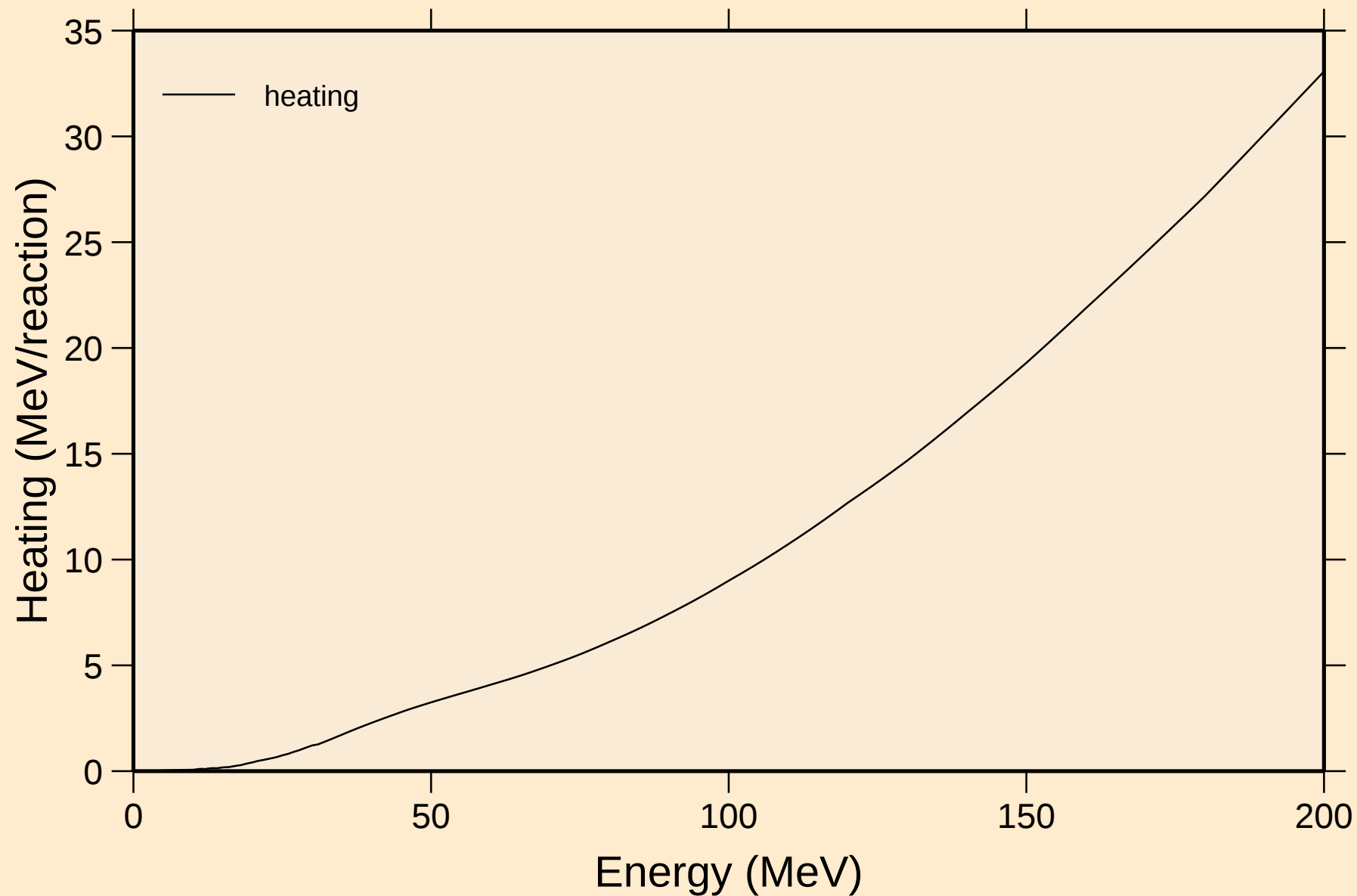
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



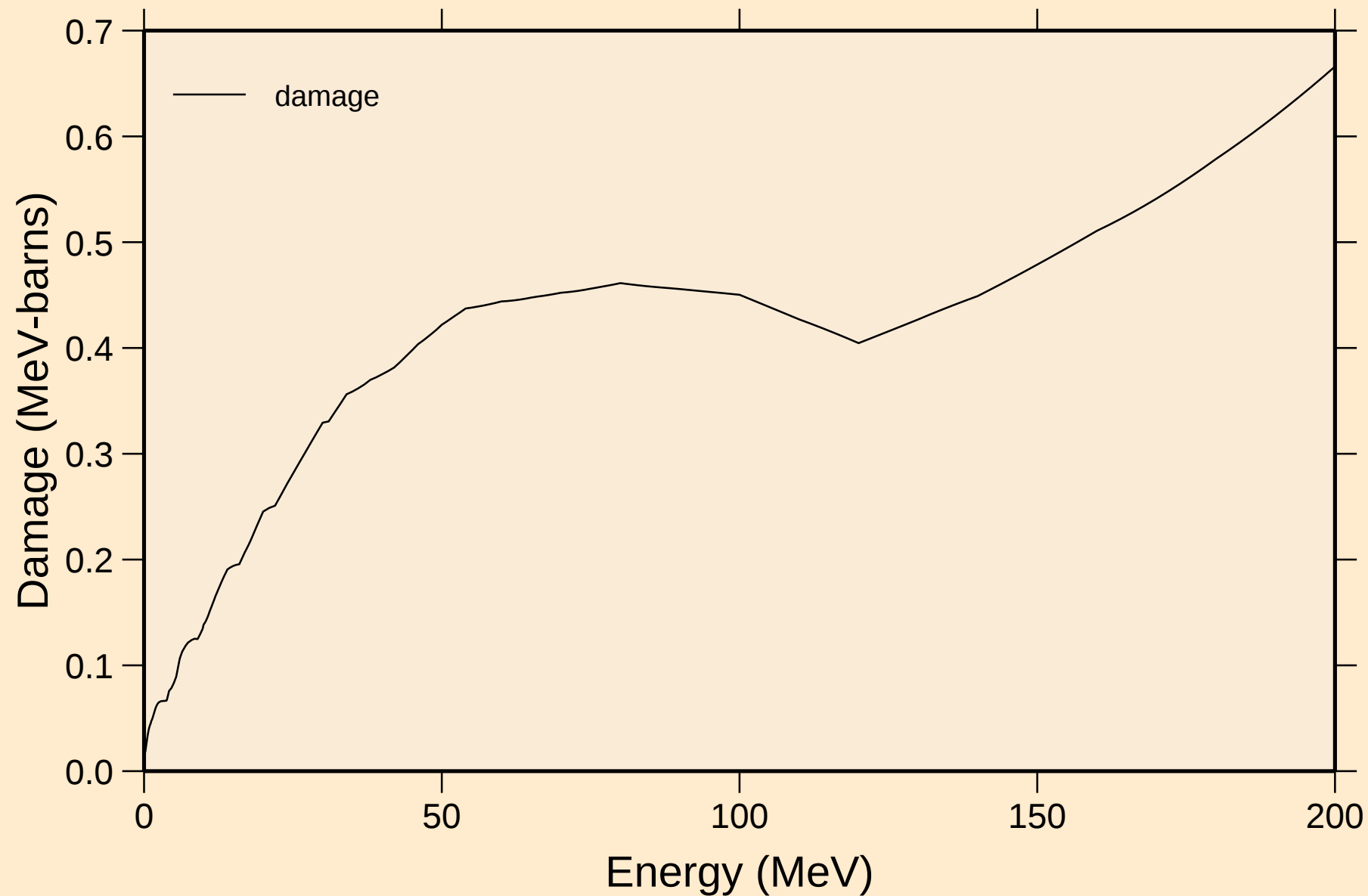
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

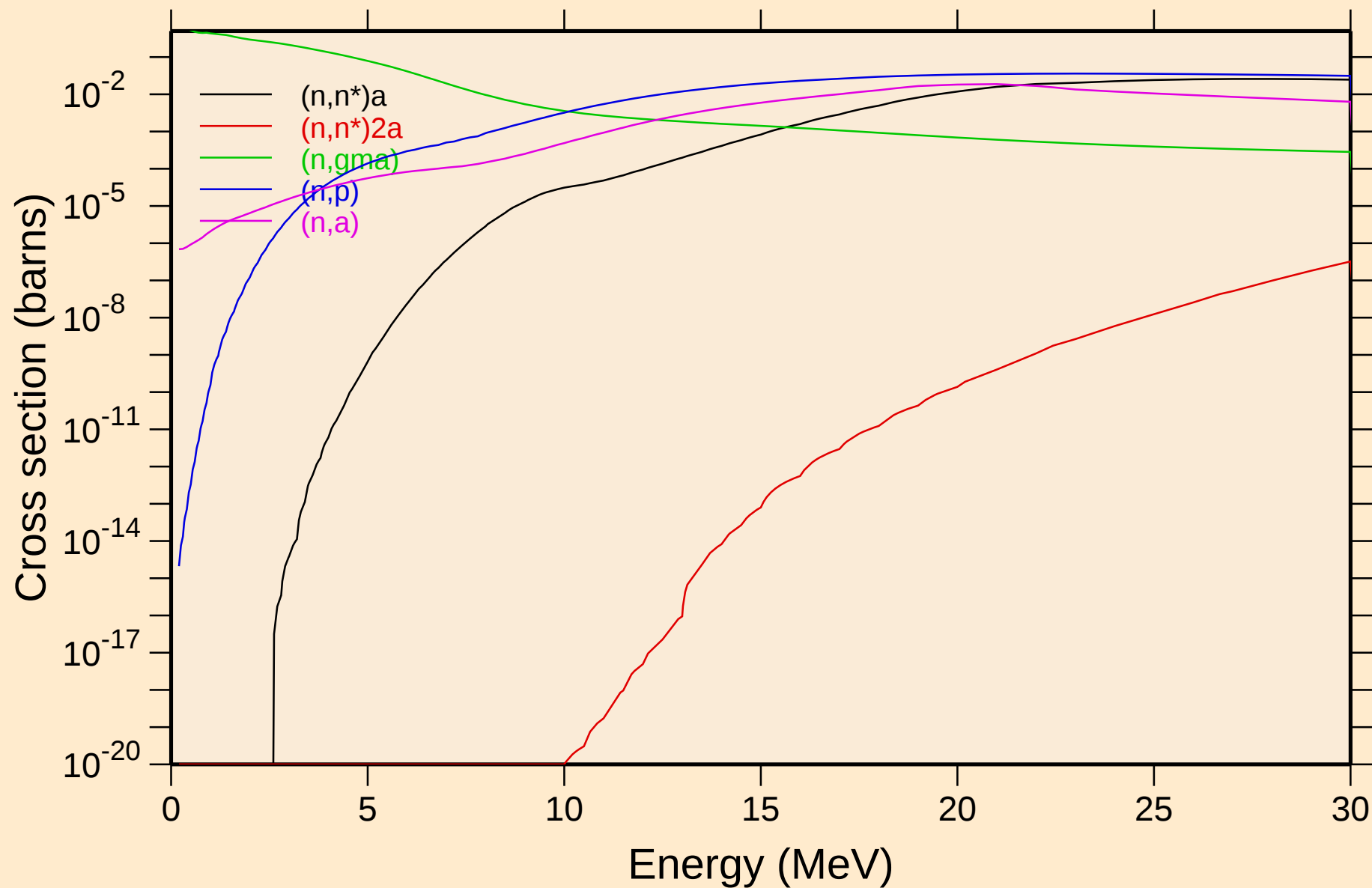


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

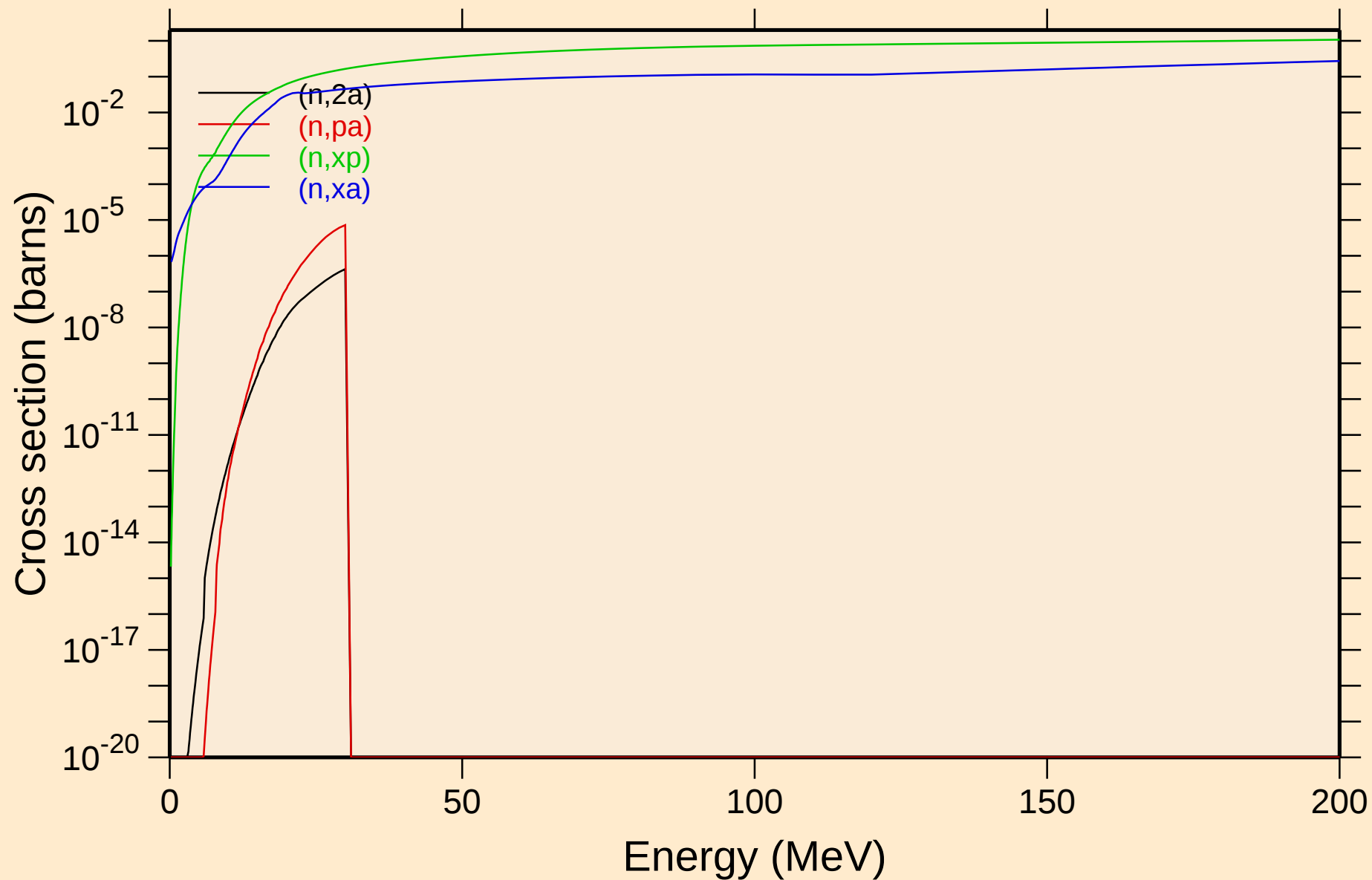
Damage



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

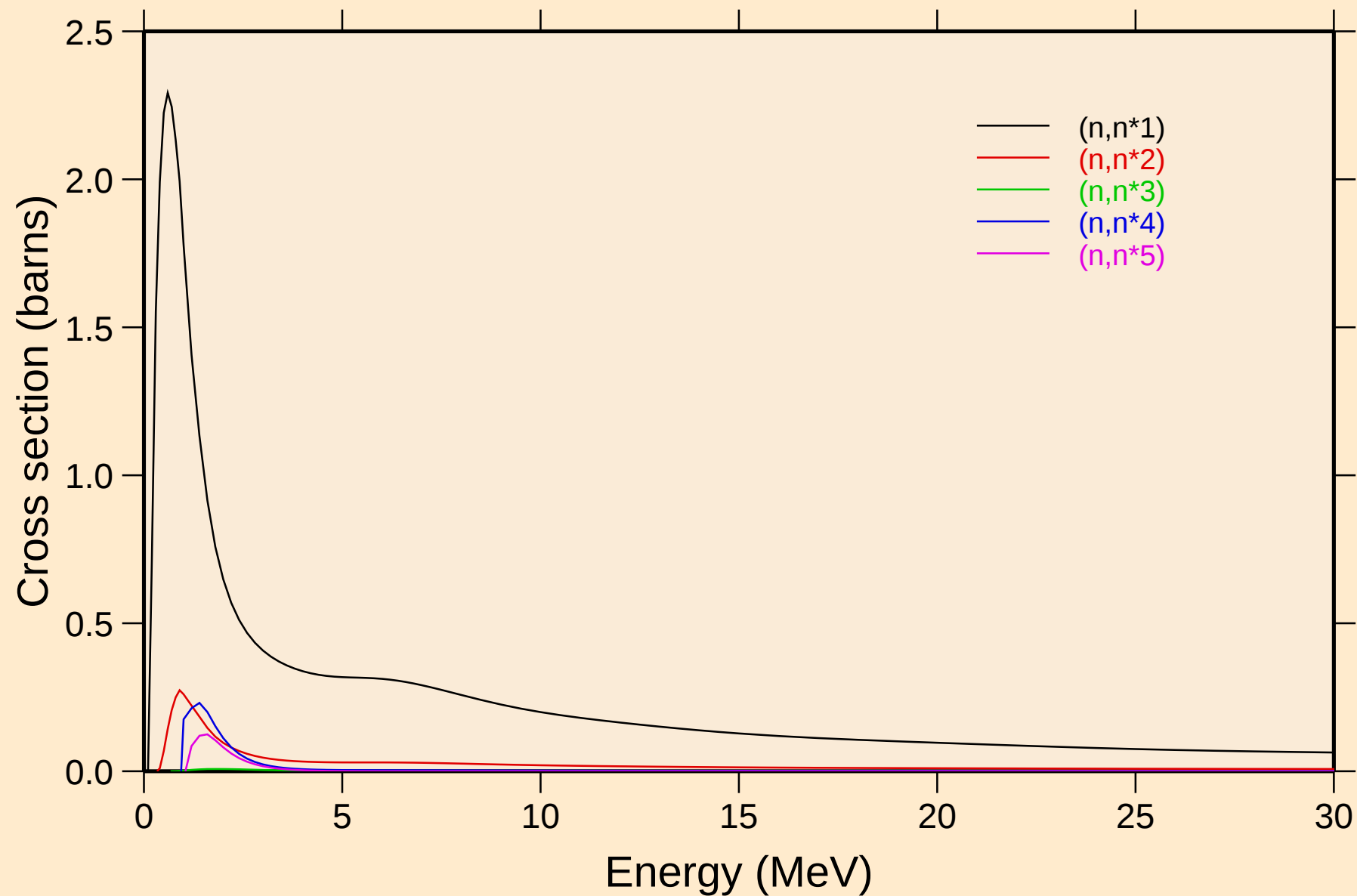


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



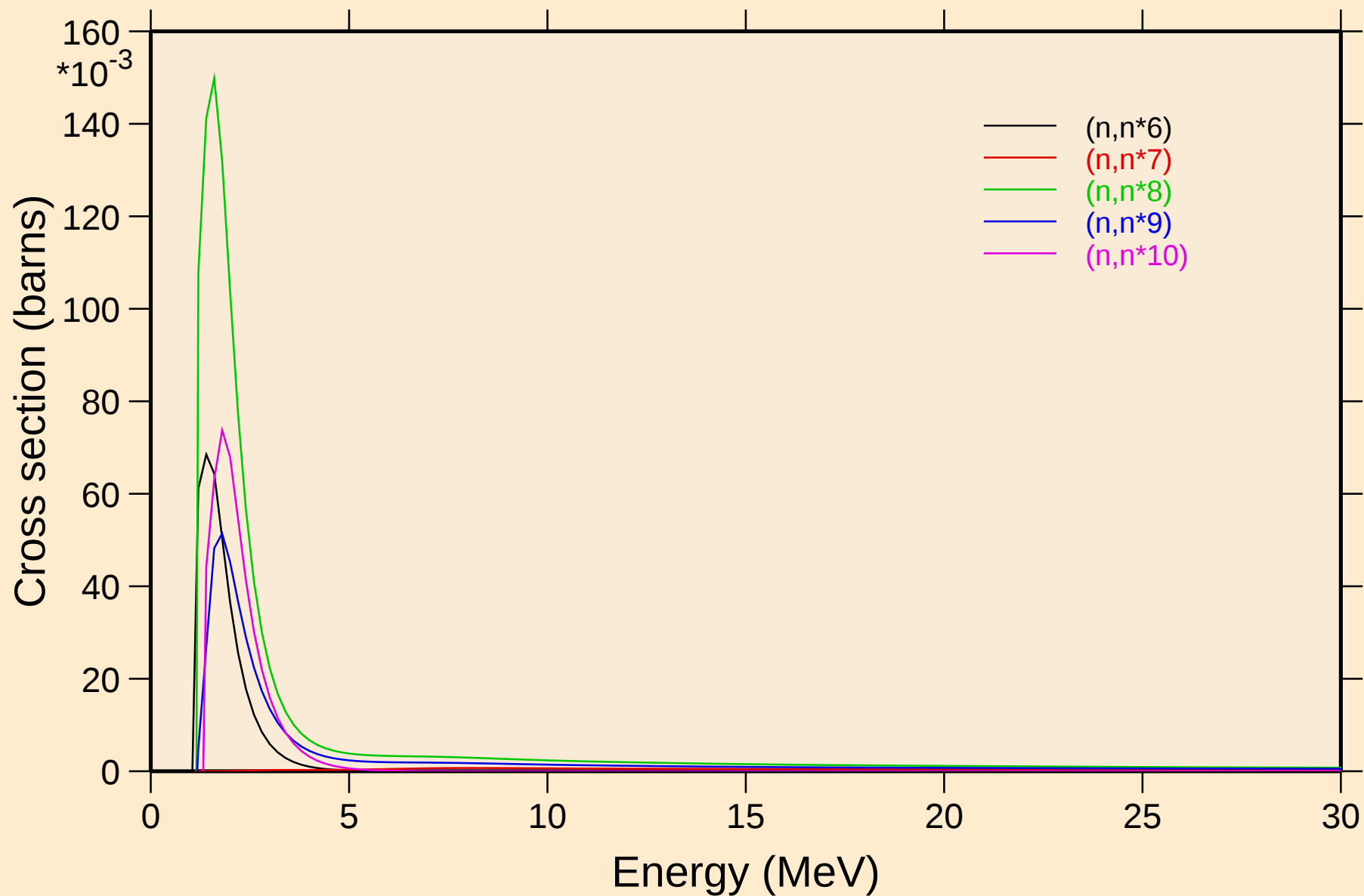
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



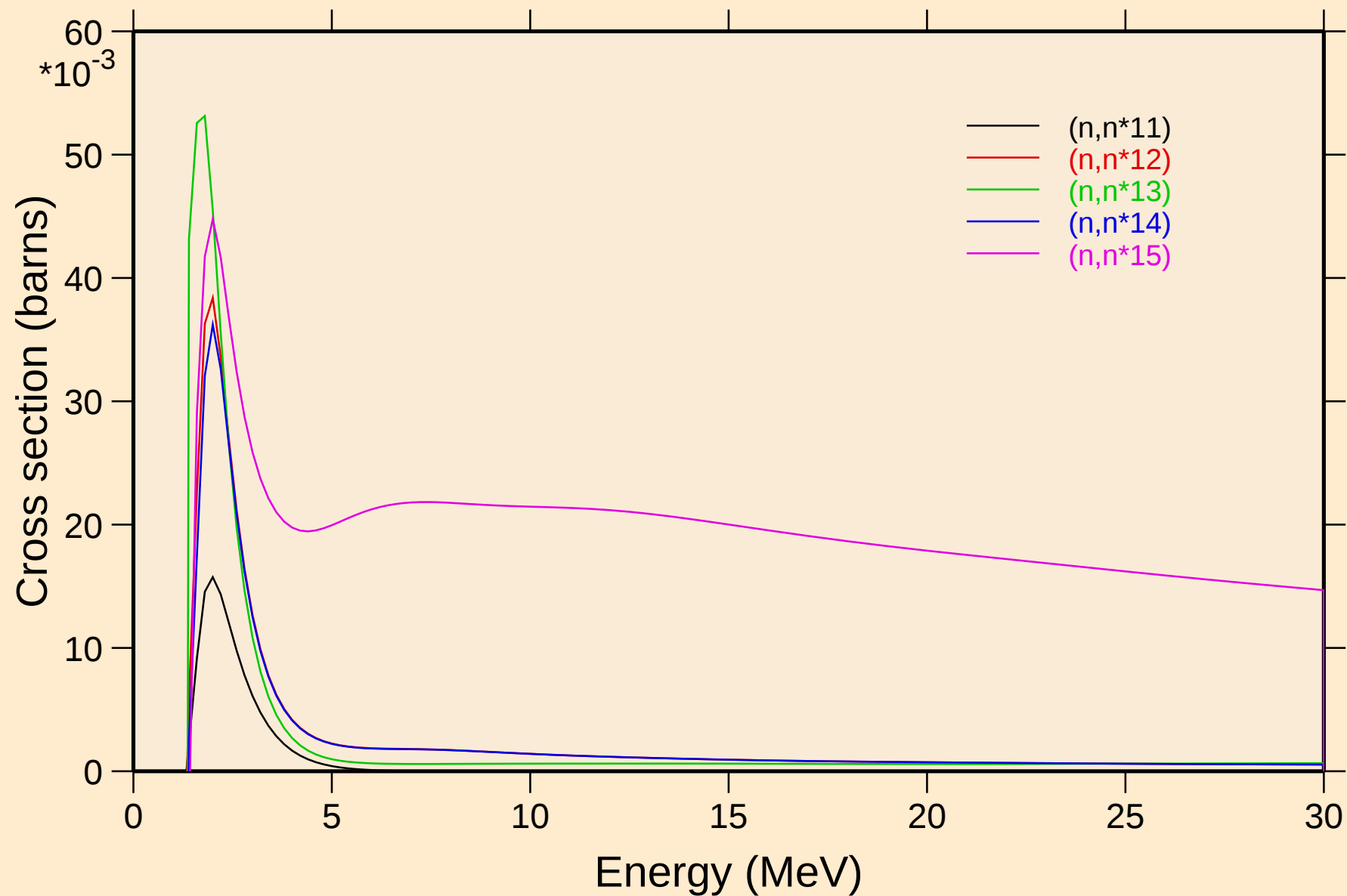
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



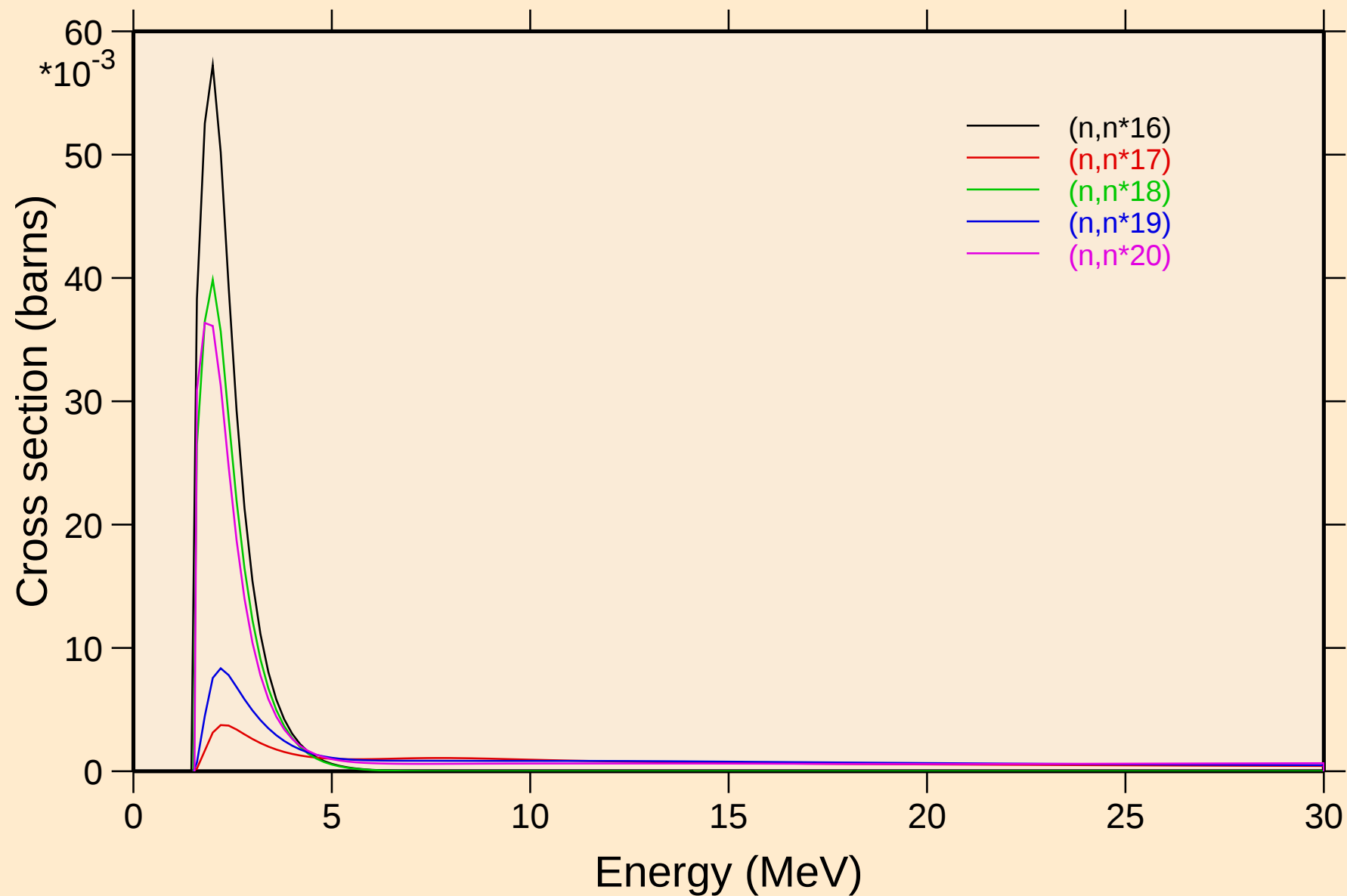
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



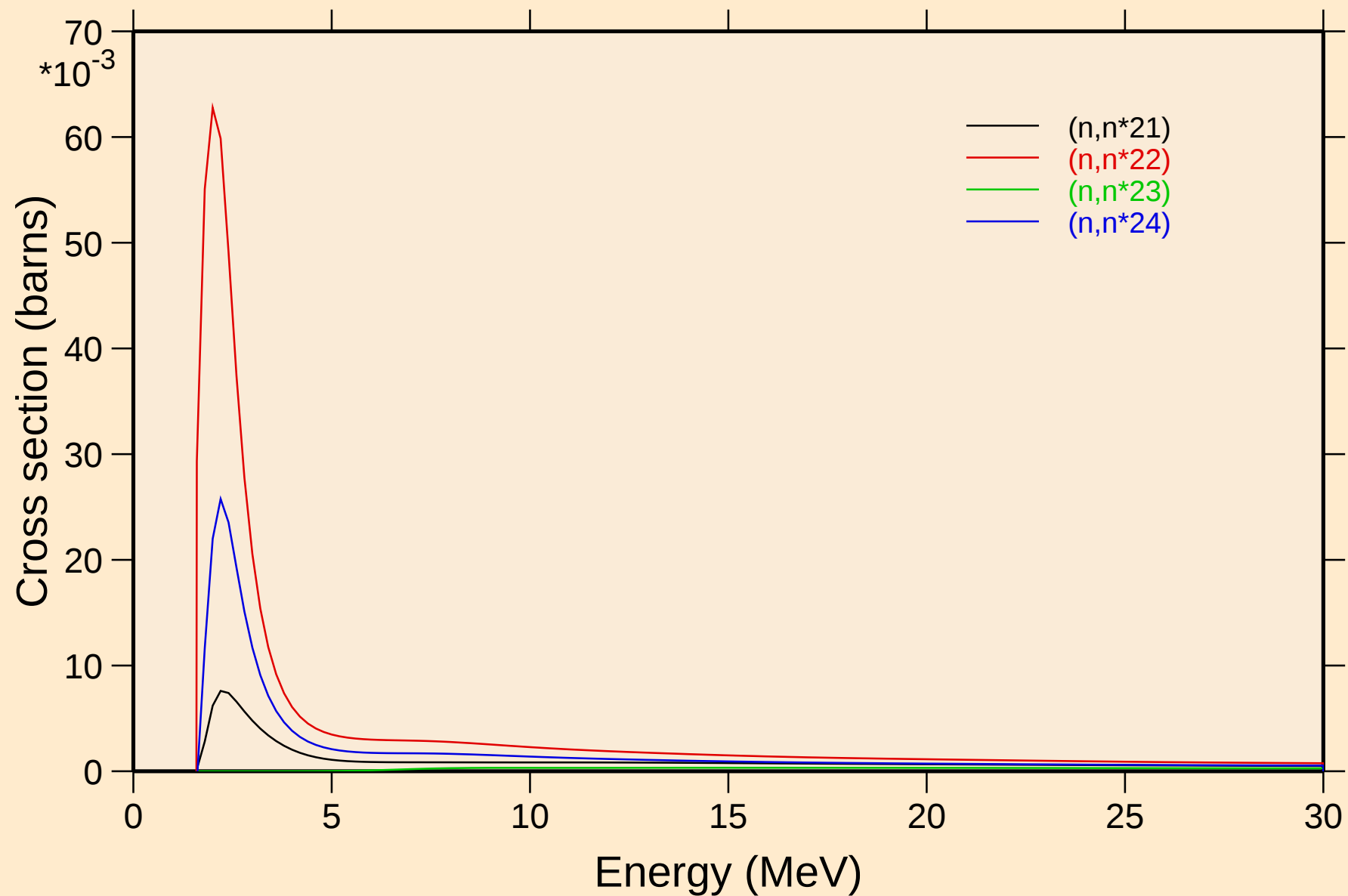
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



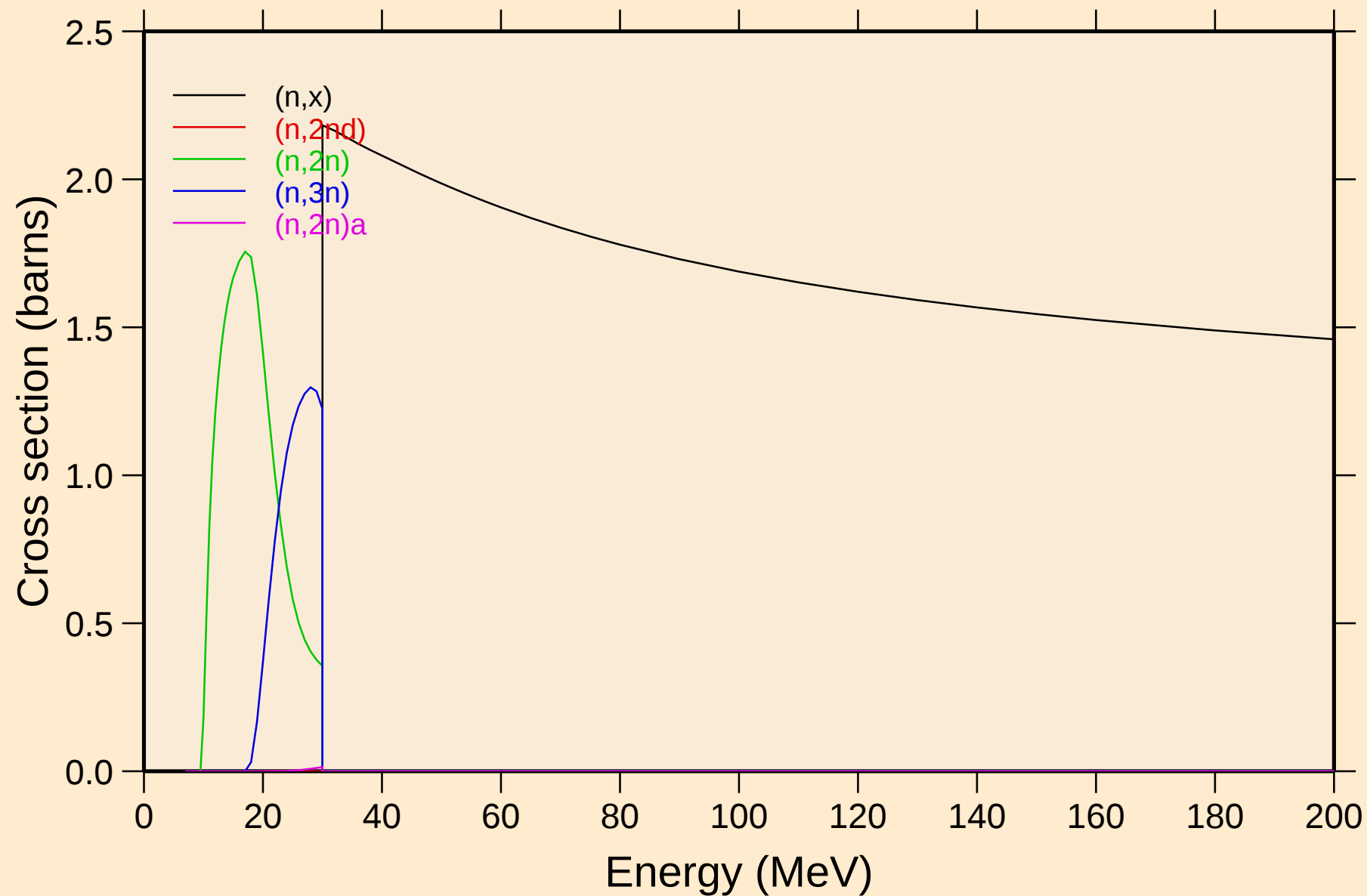
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

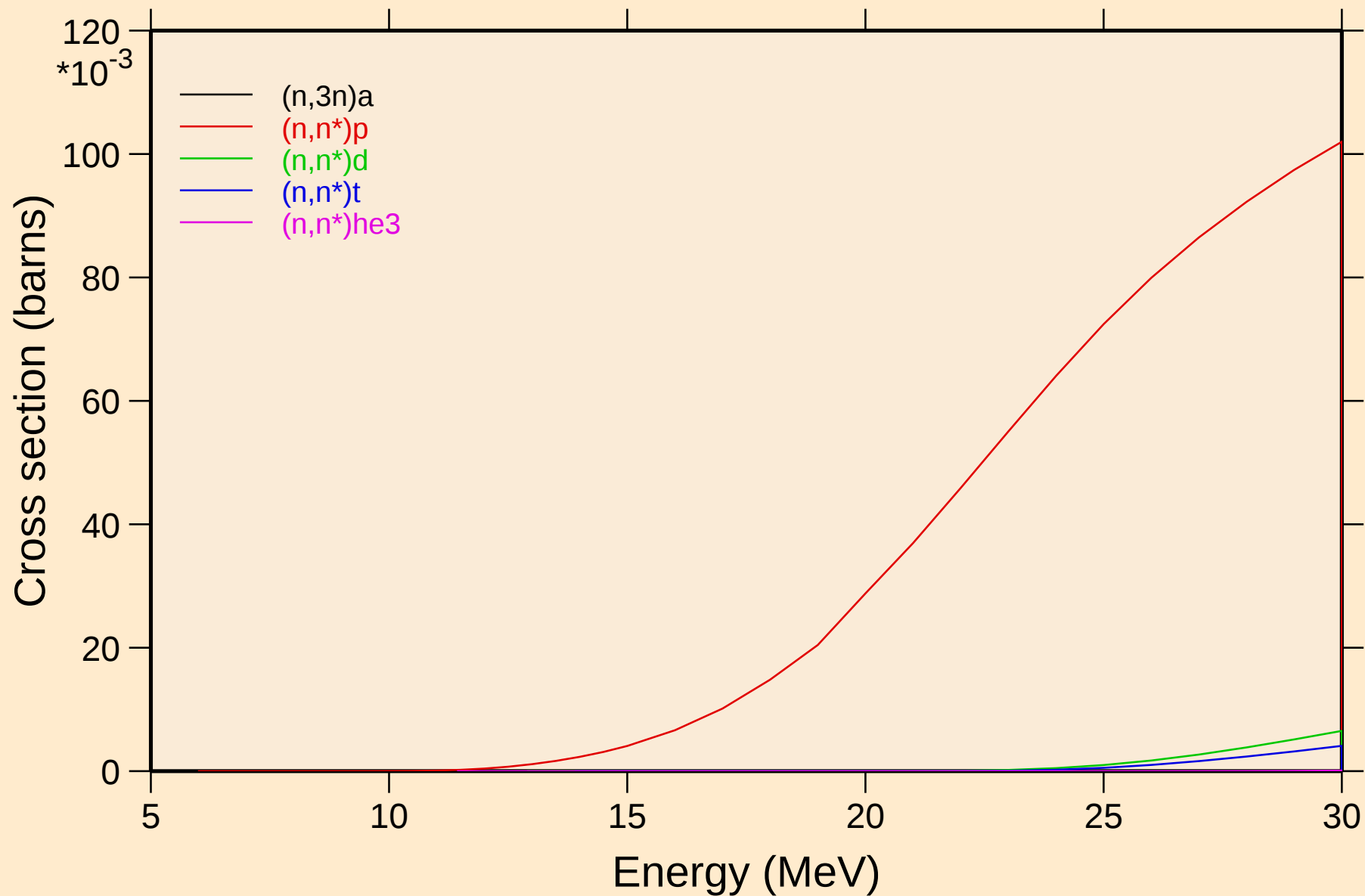


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

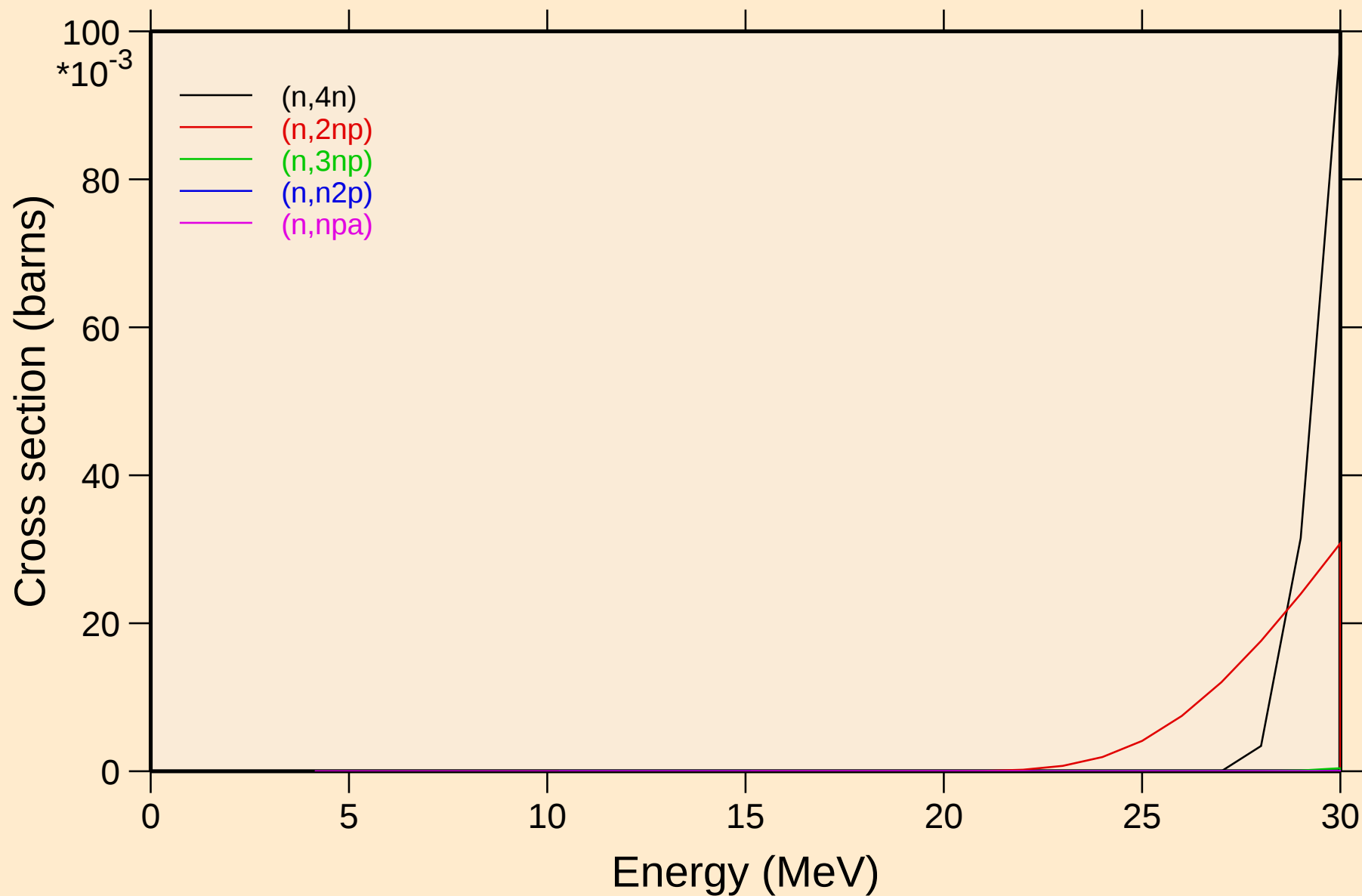


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



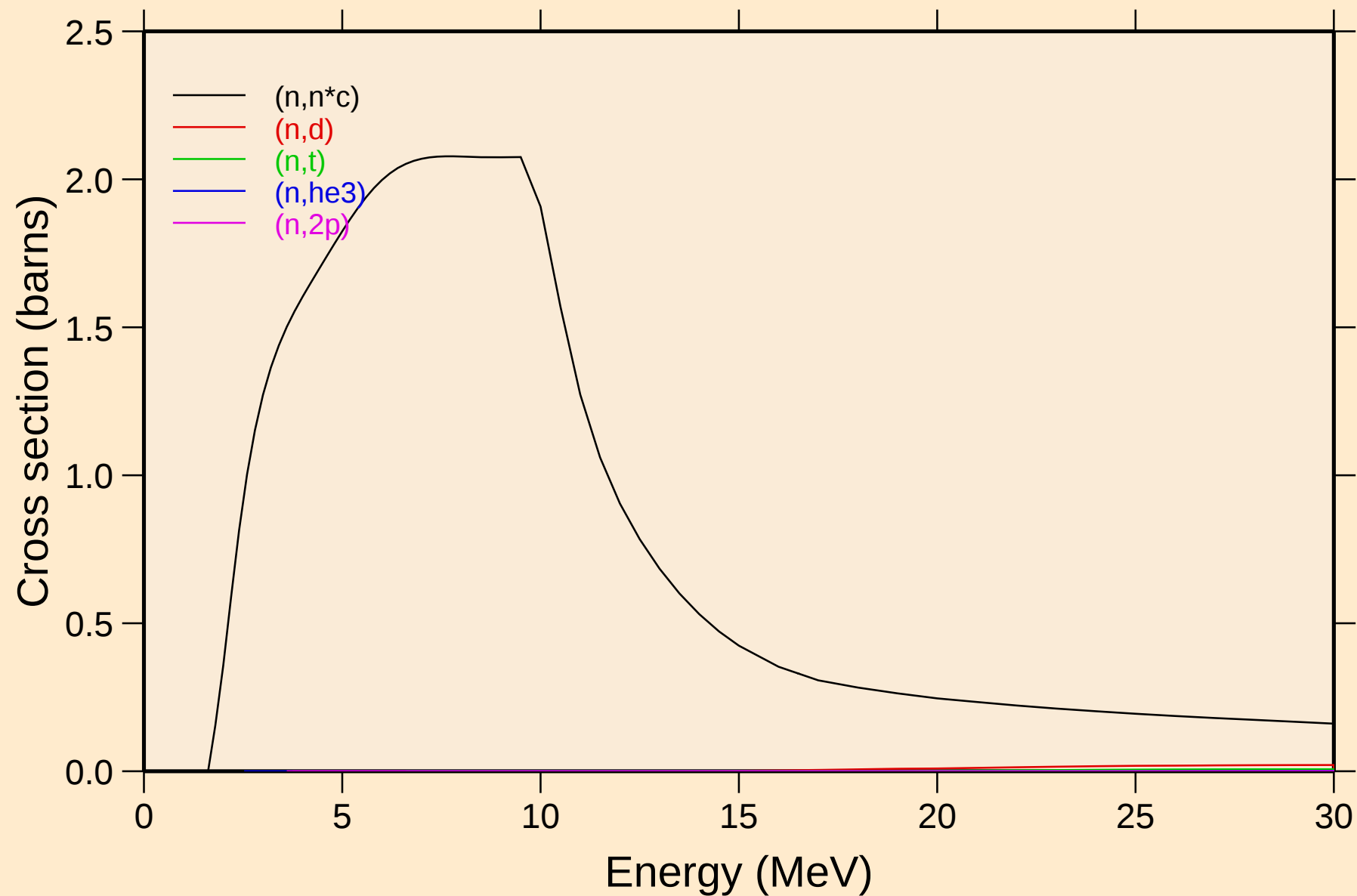
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

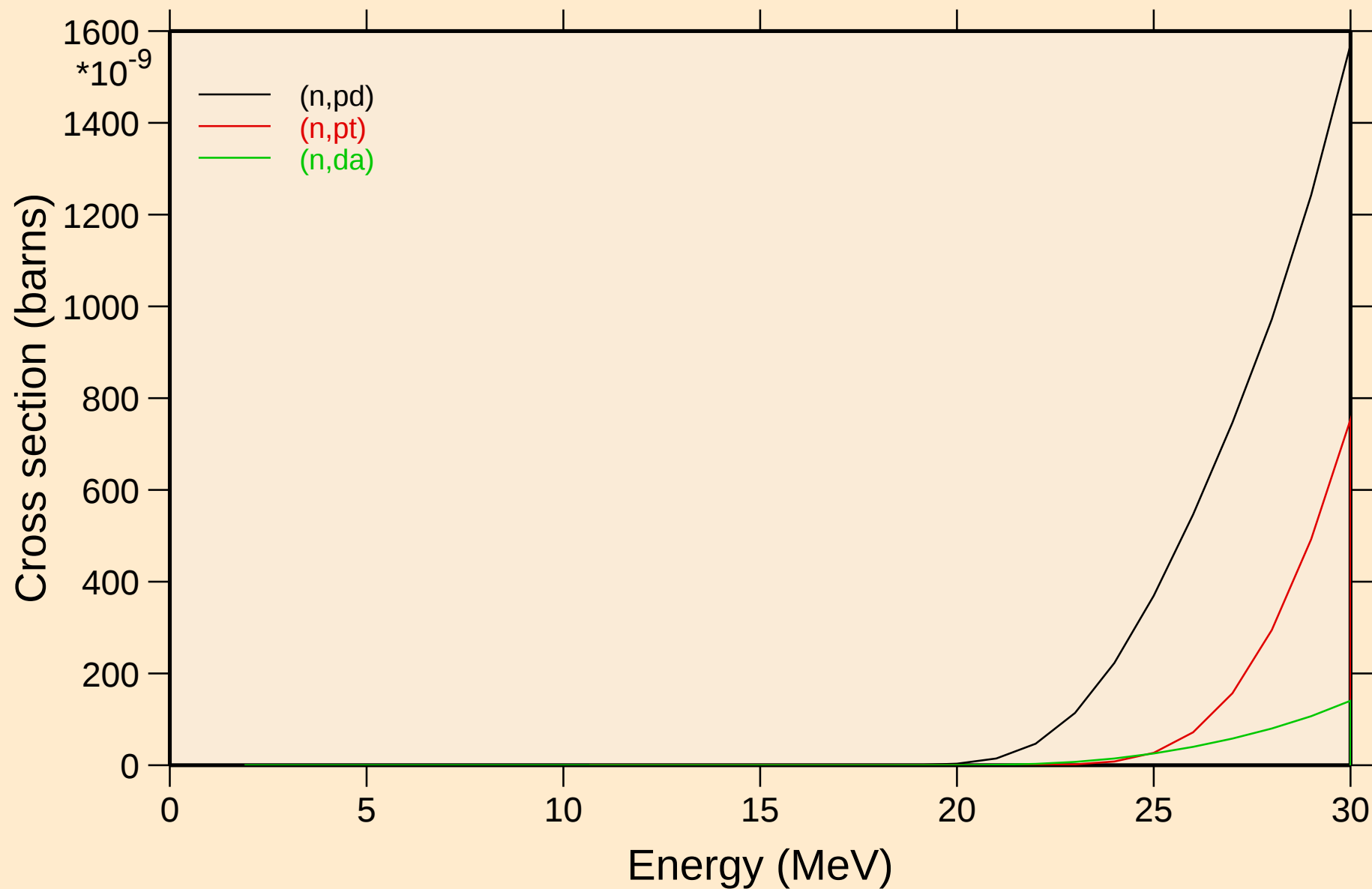


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

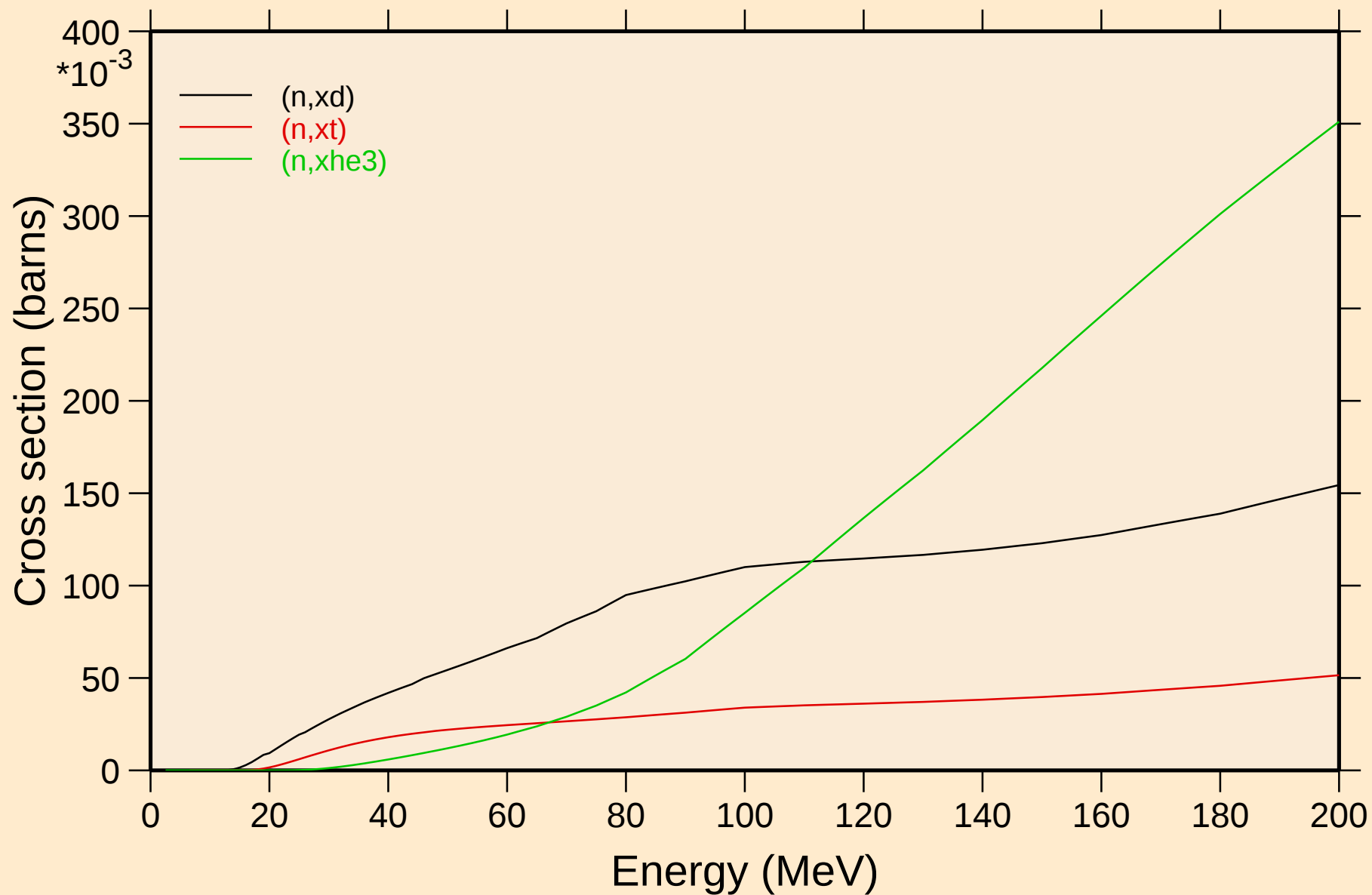


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

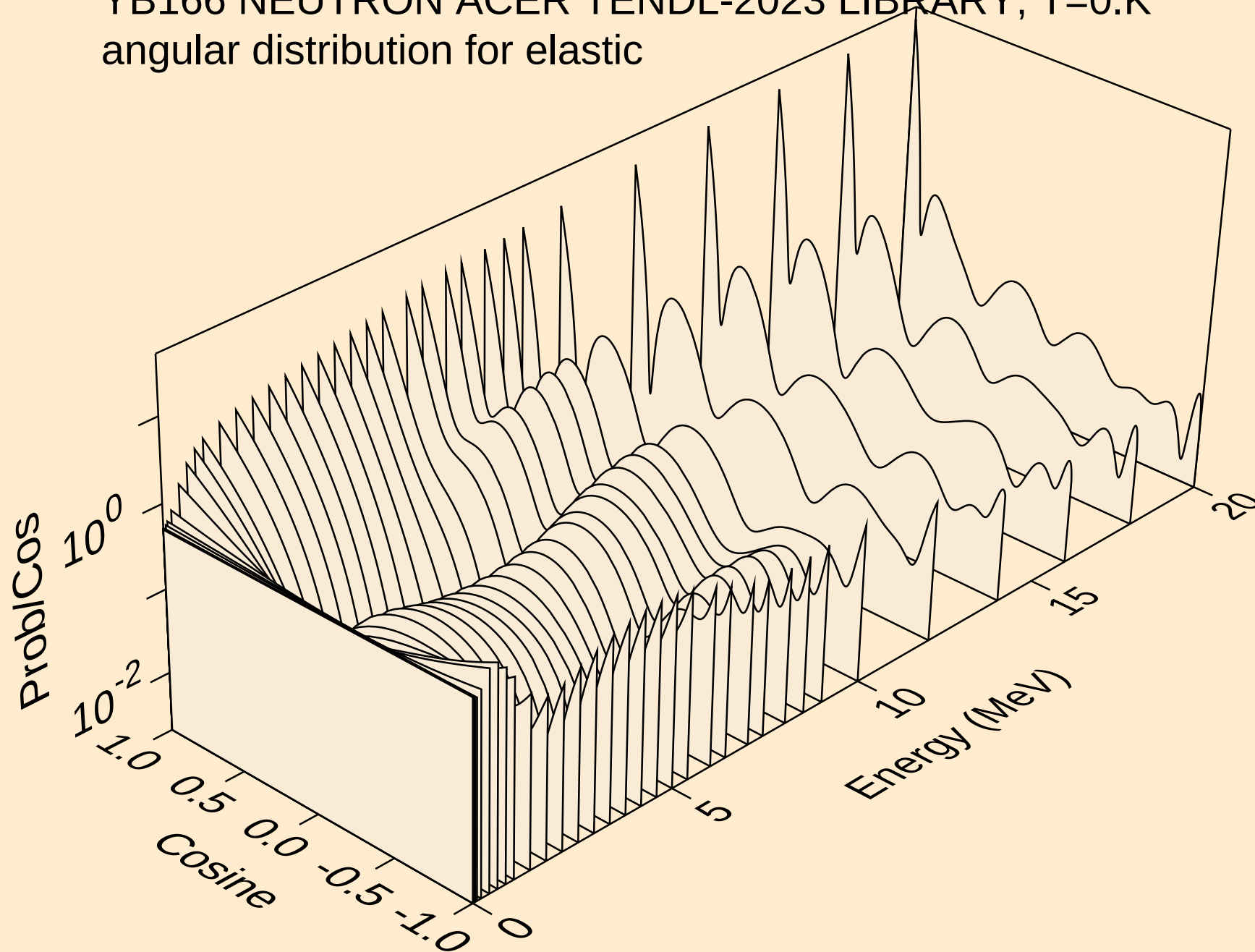


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

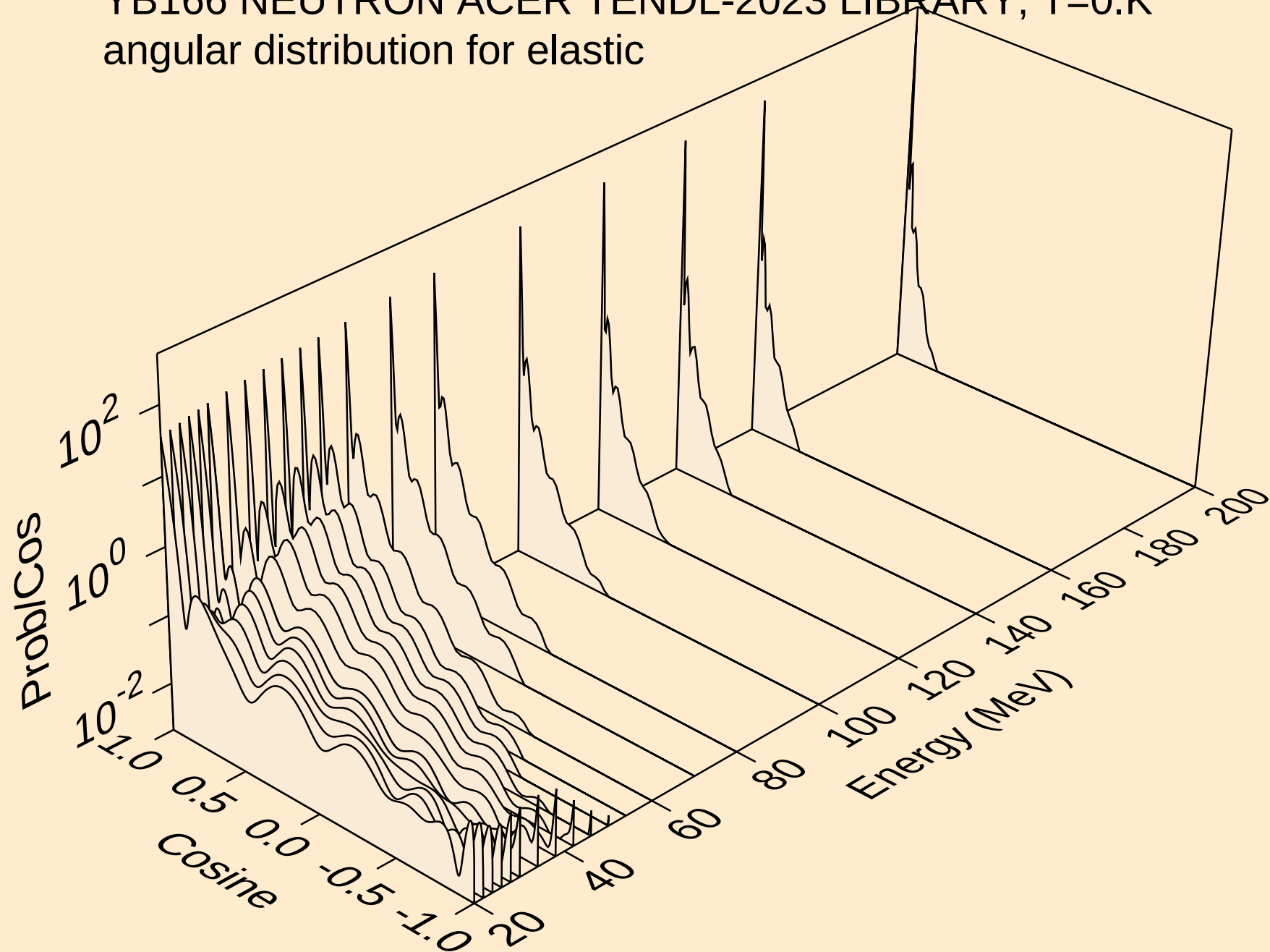
## Threshold reactions



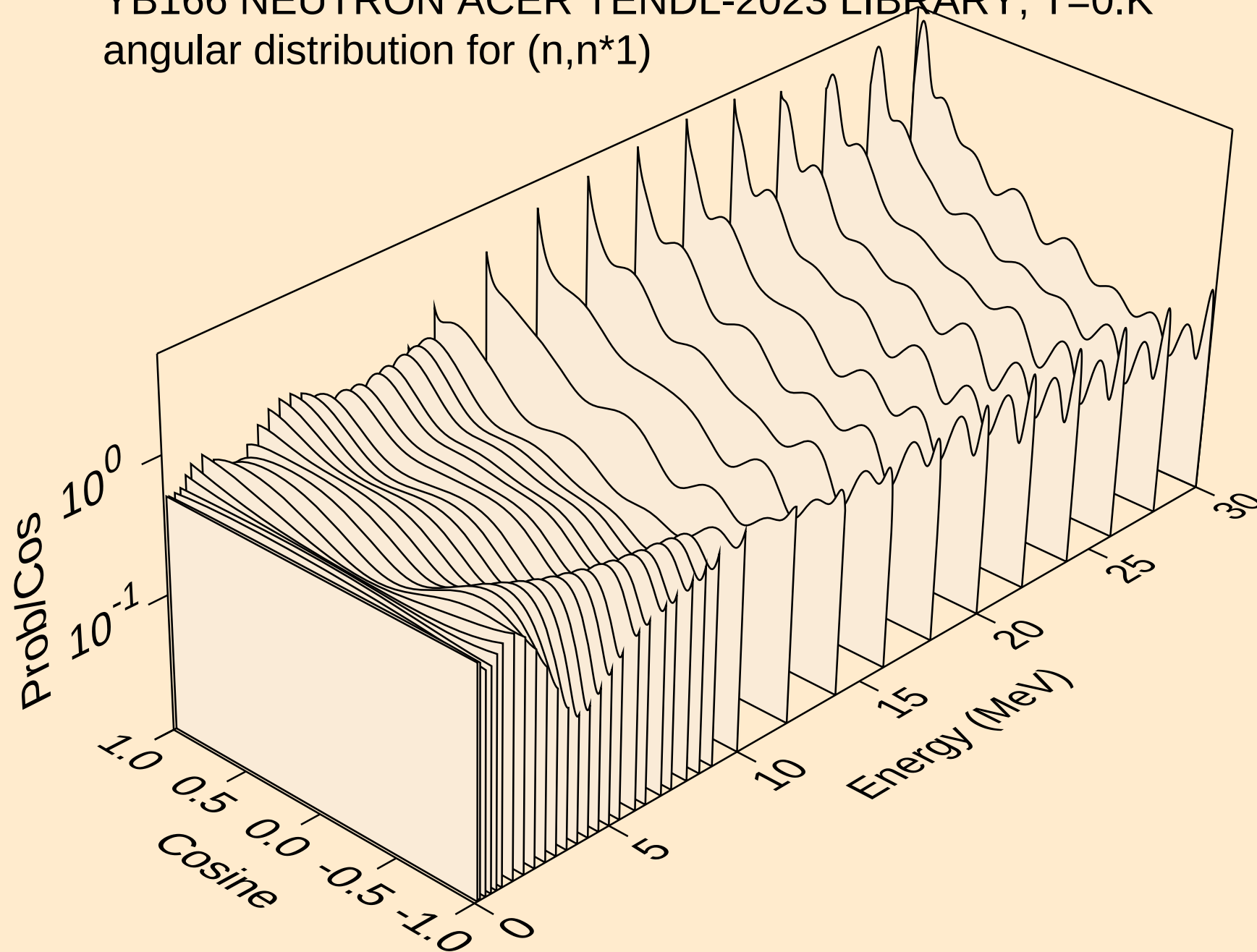
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



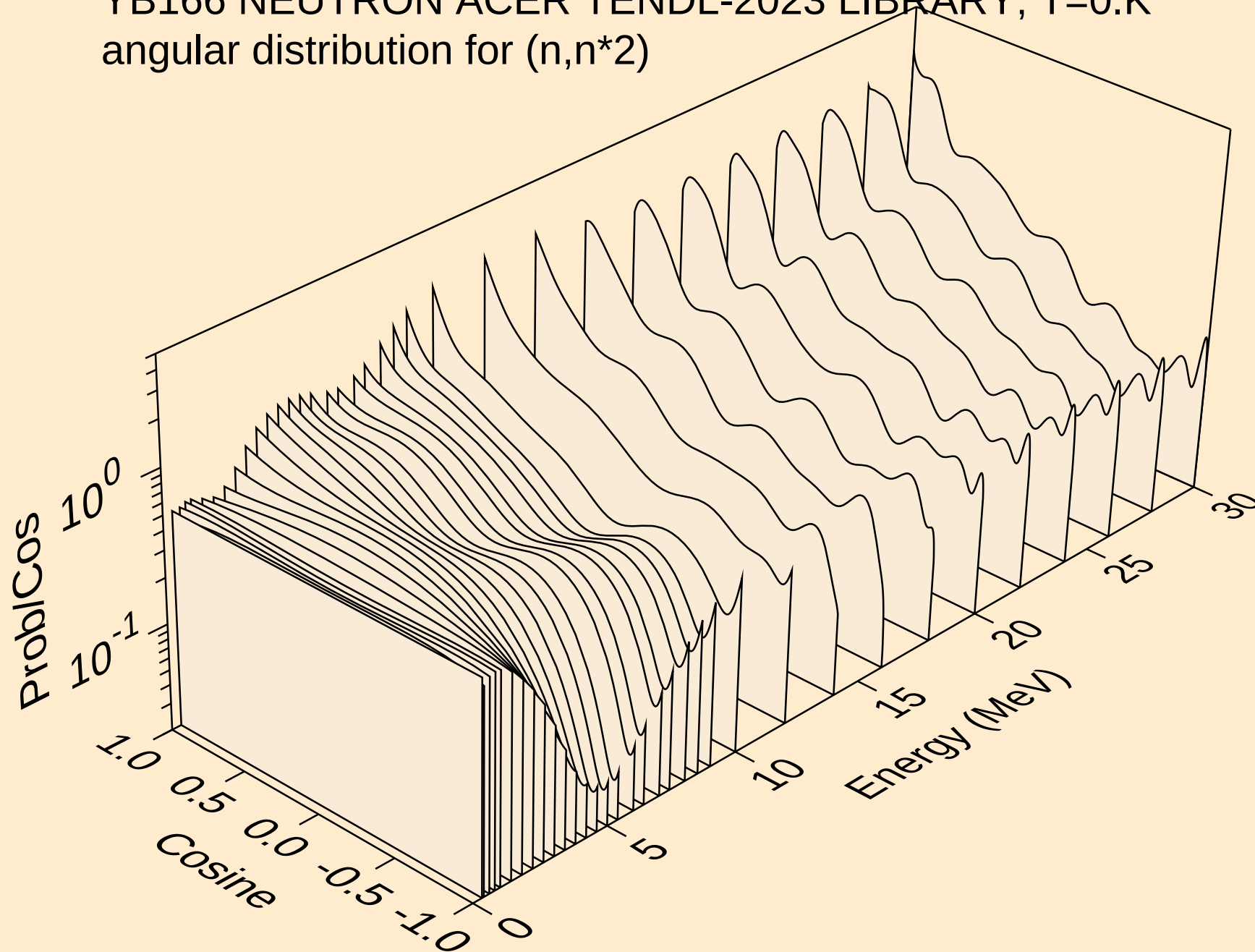
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



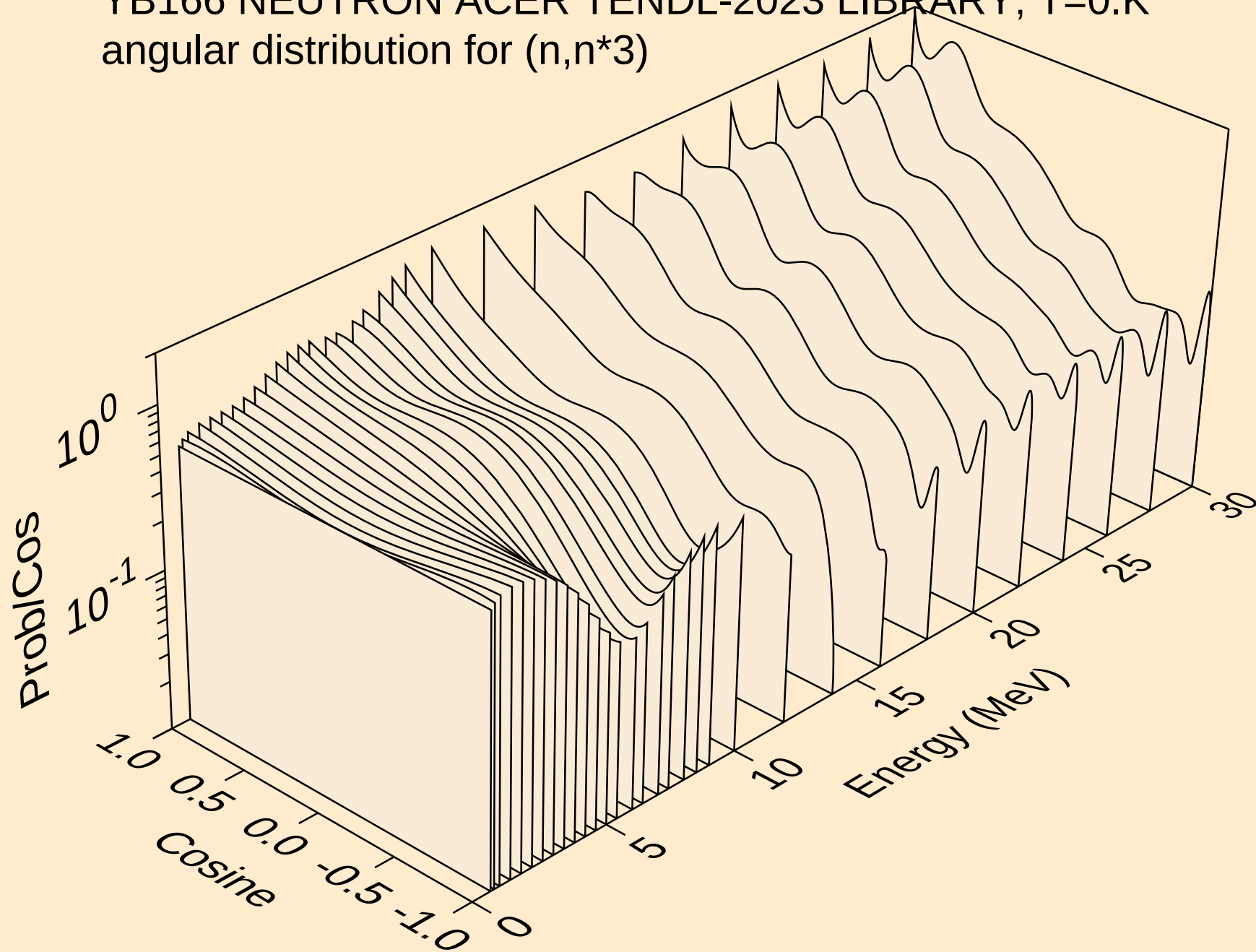
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



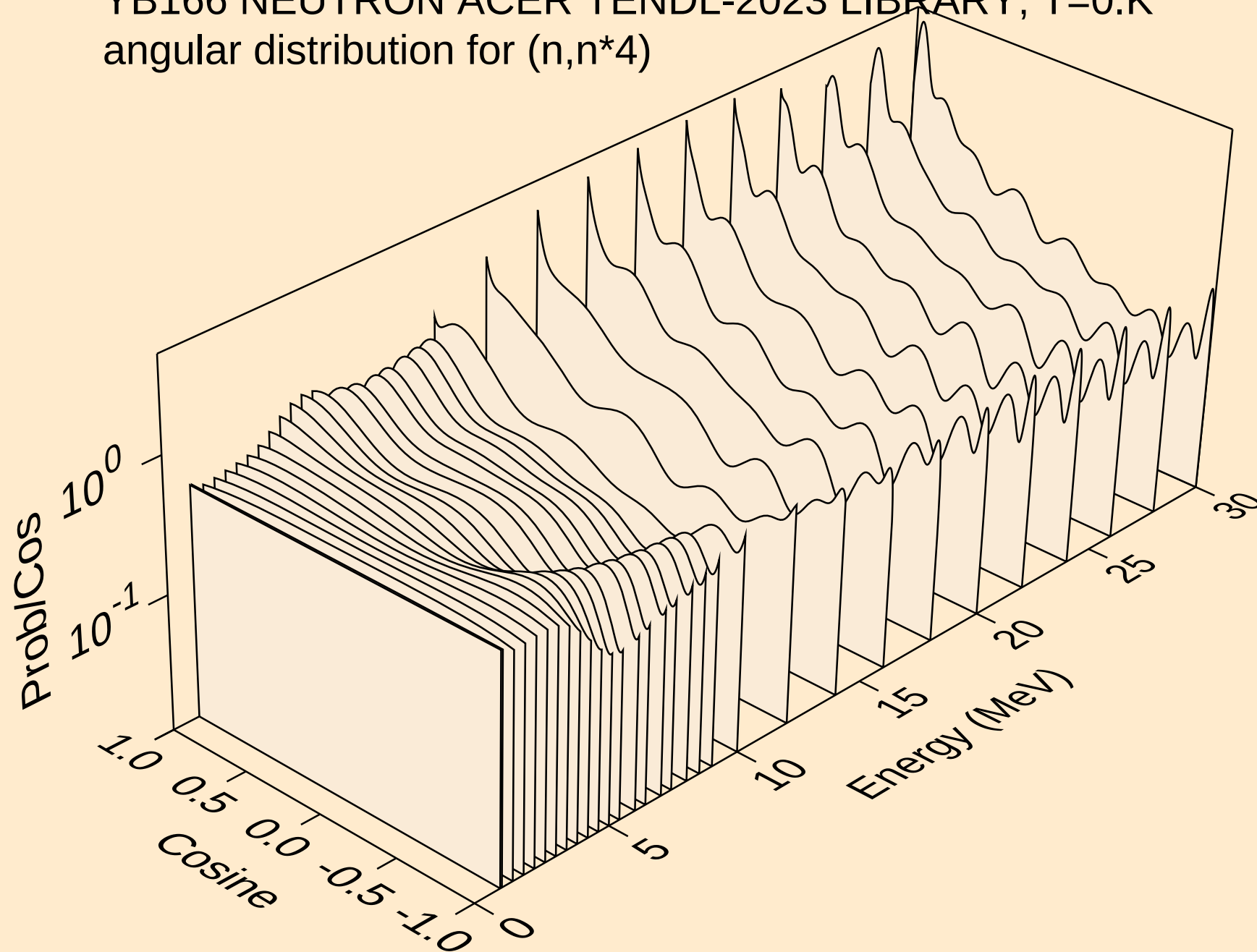
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angular distribution for (n,n\*2)



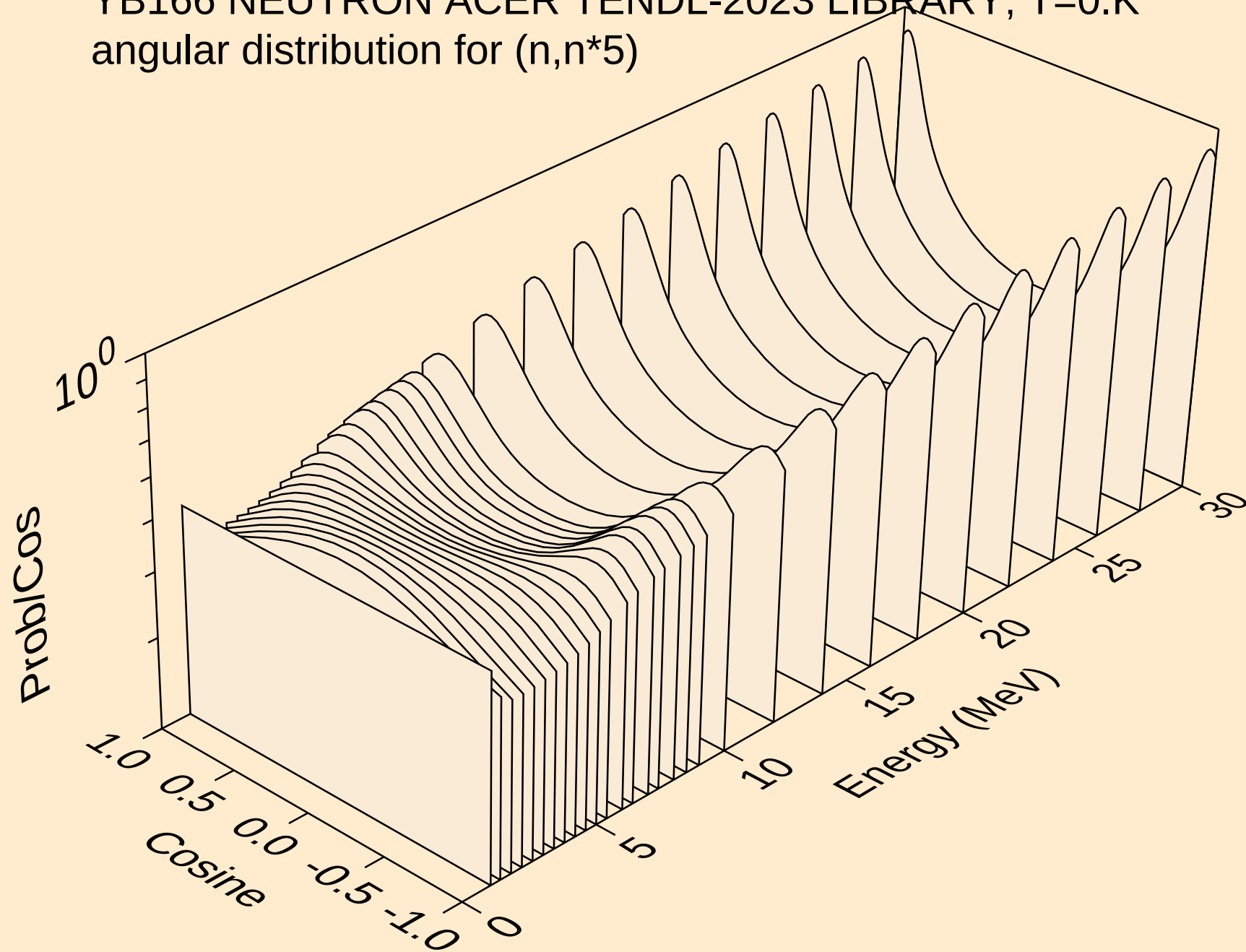
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



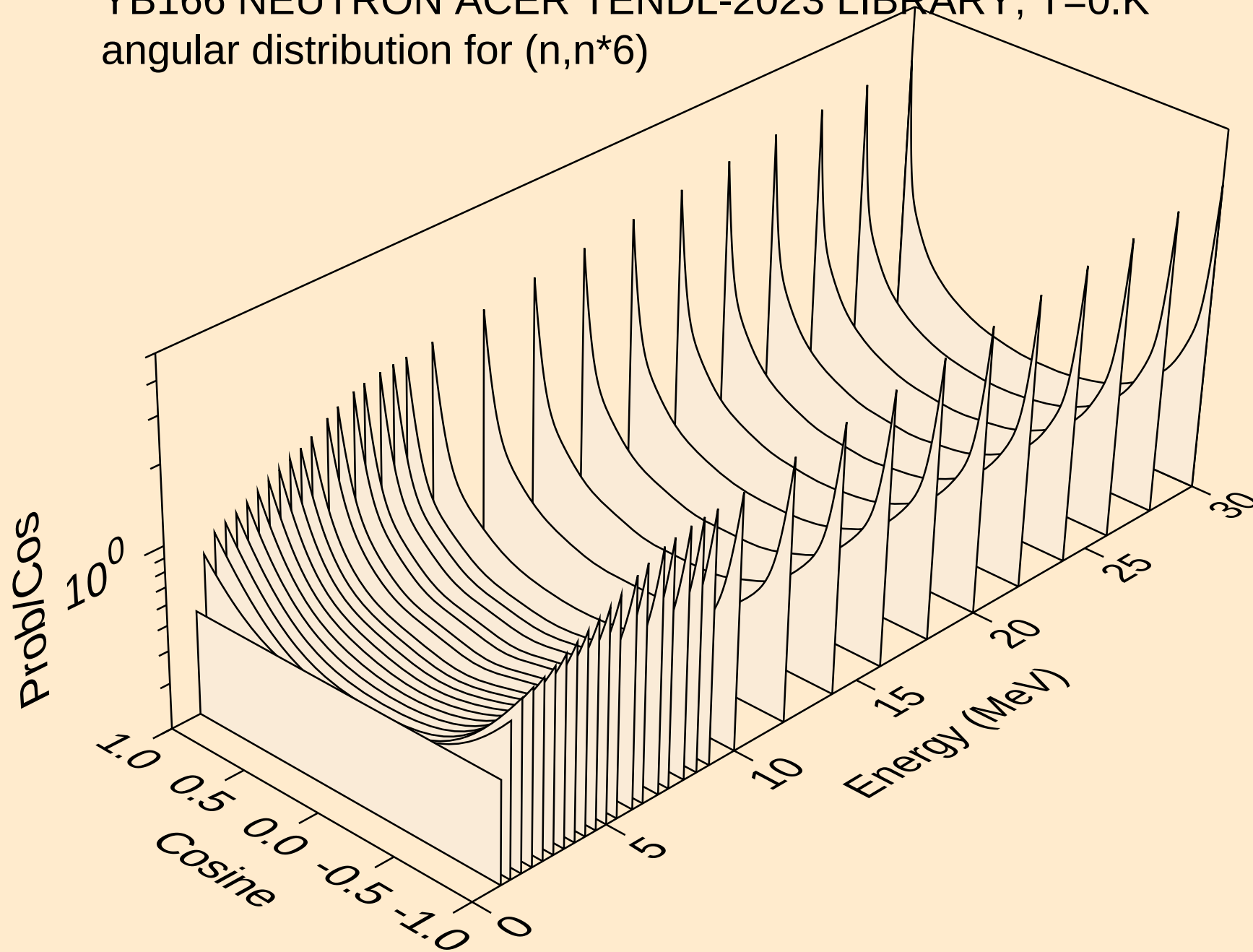
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angular distribution for (n,n\*4)



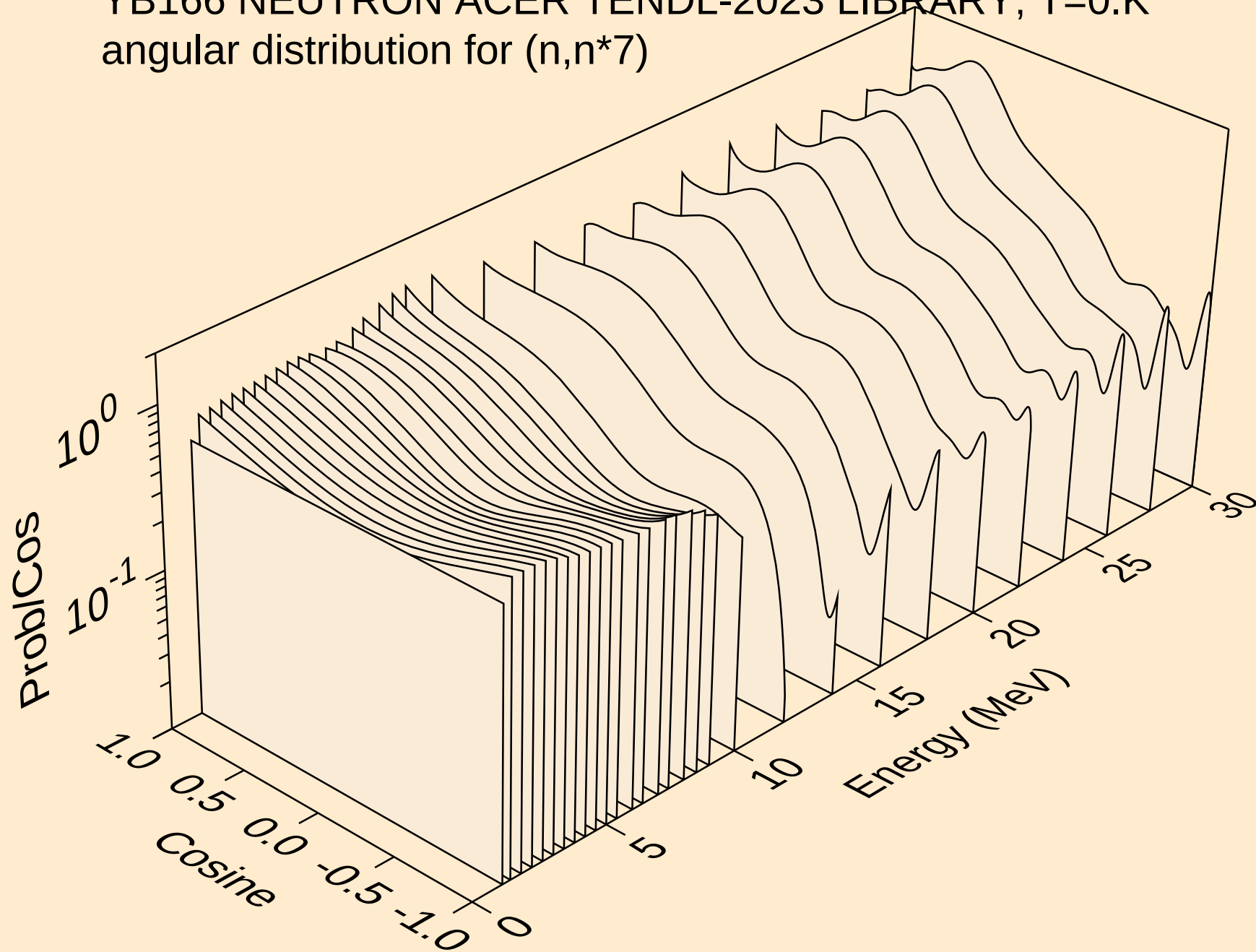
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



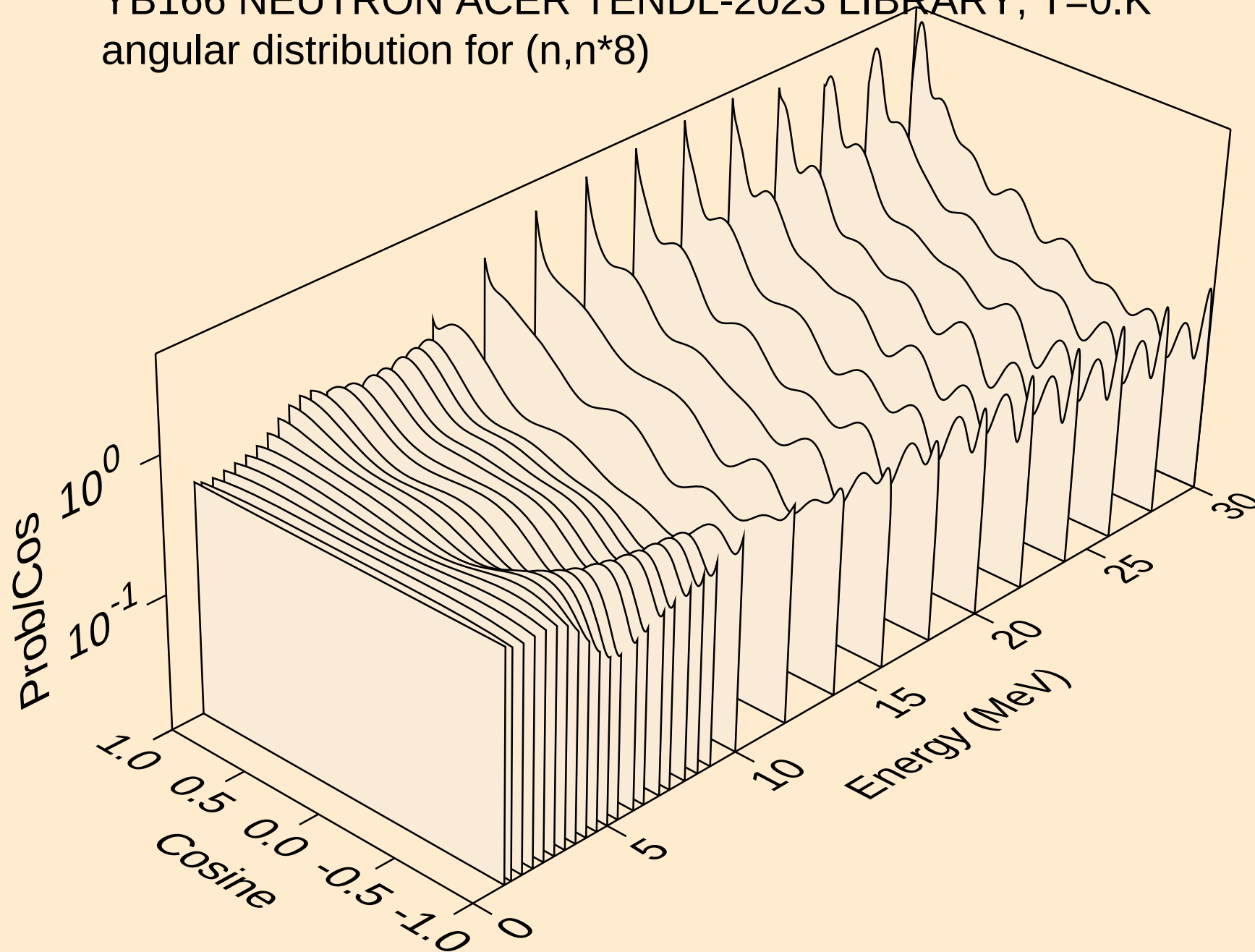
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angular distribution for (n,n\*6)



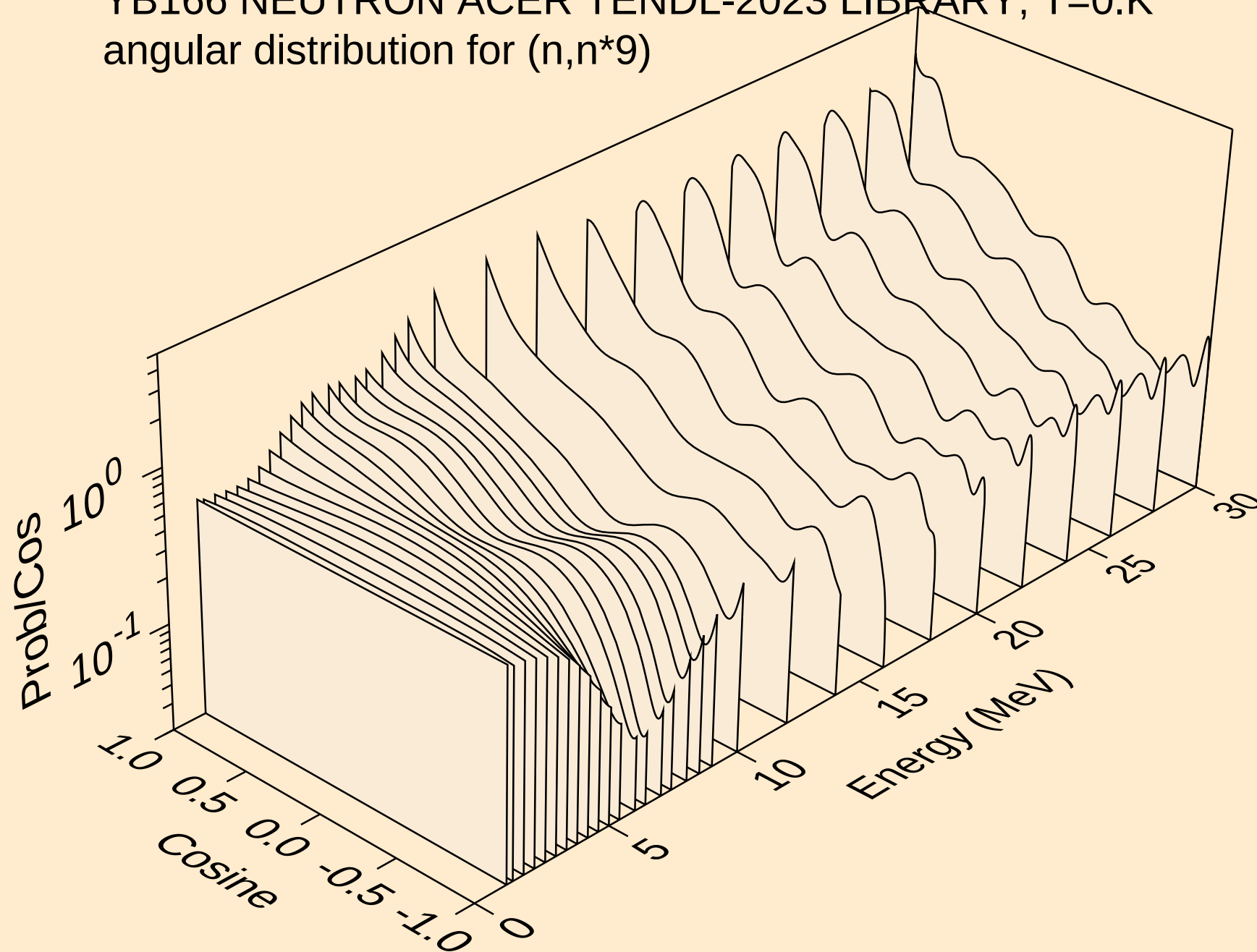
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



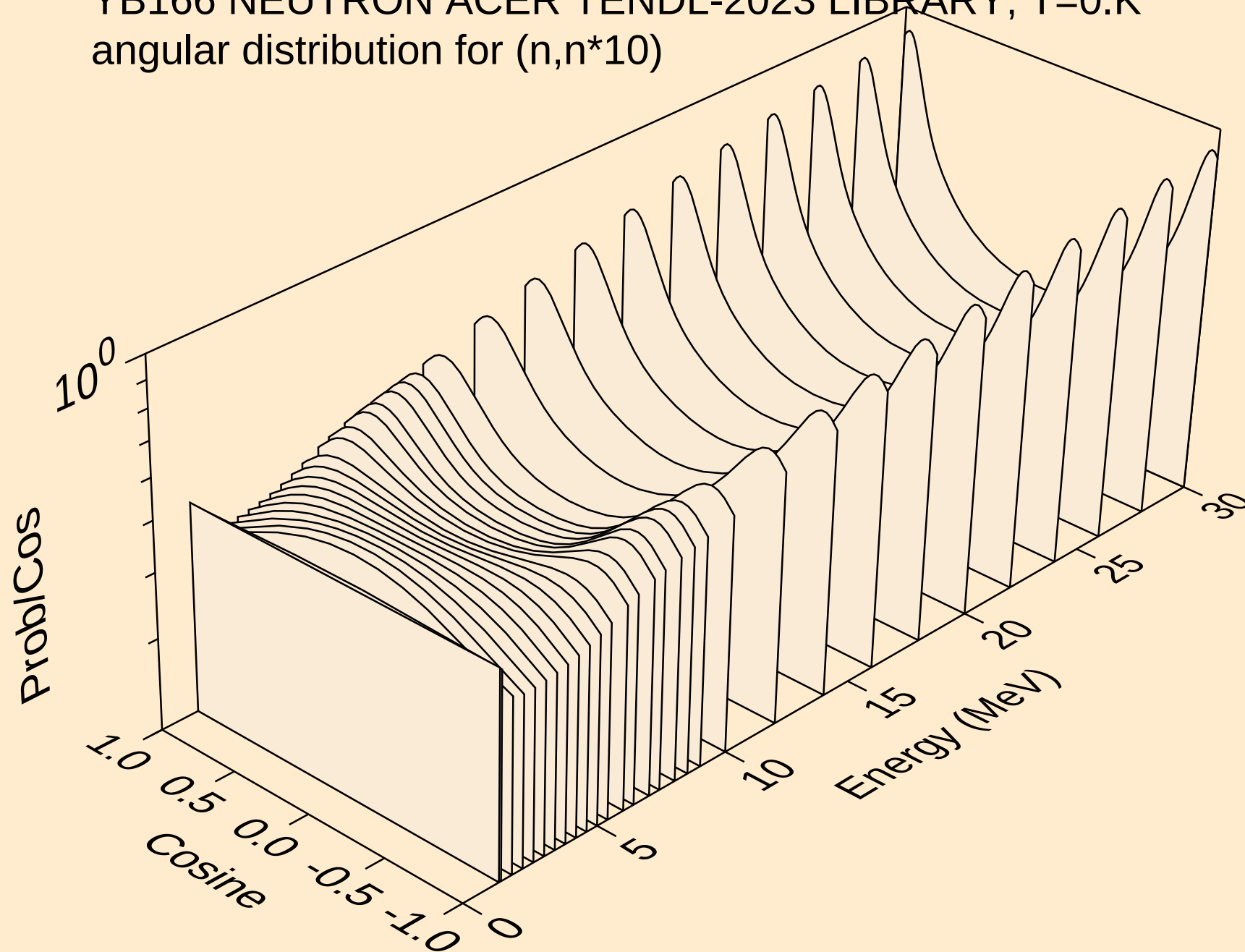
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angular distribution for (n,n\*8)



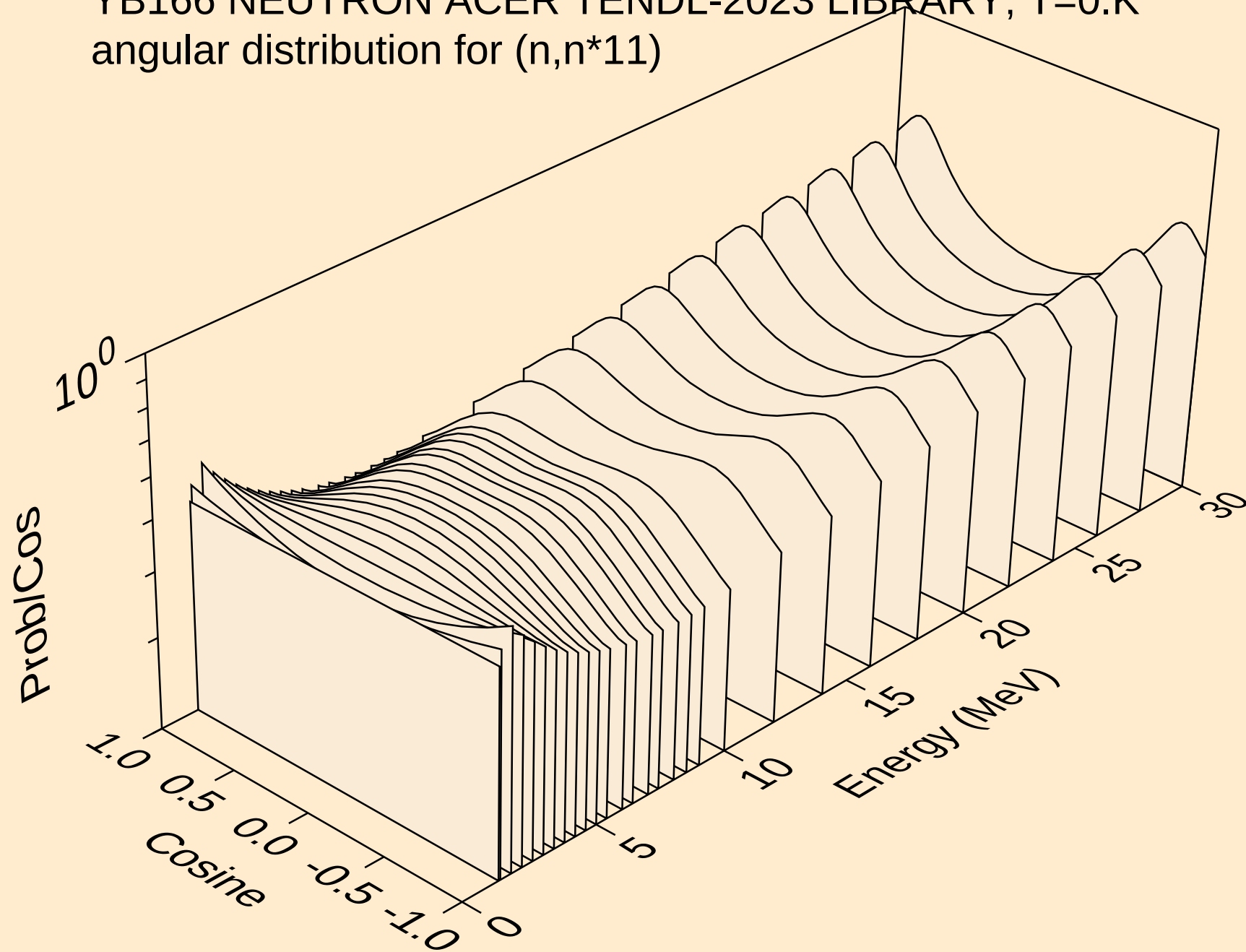
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angular distribution for (n,n\*9)



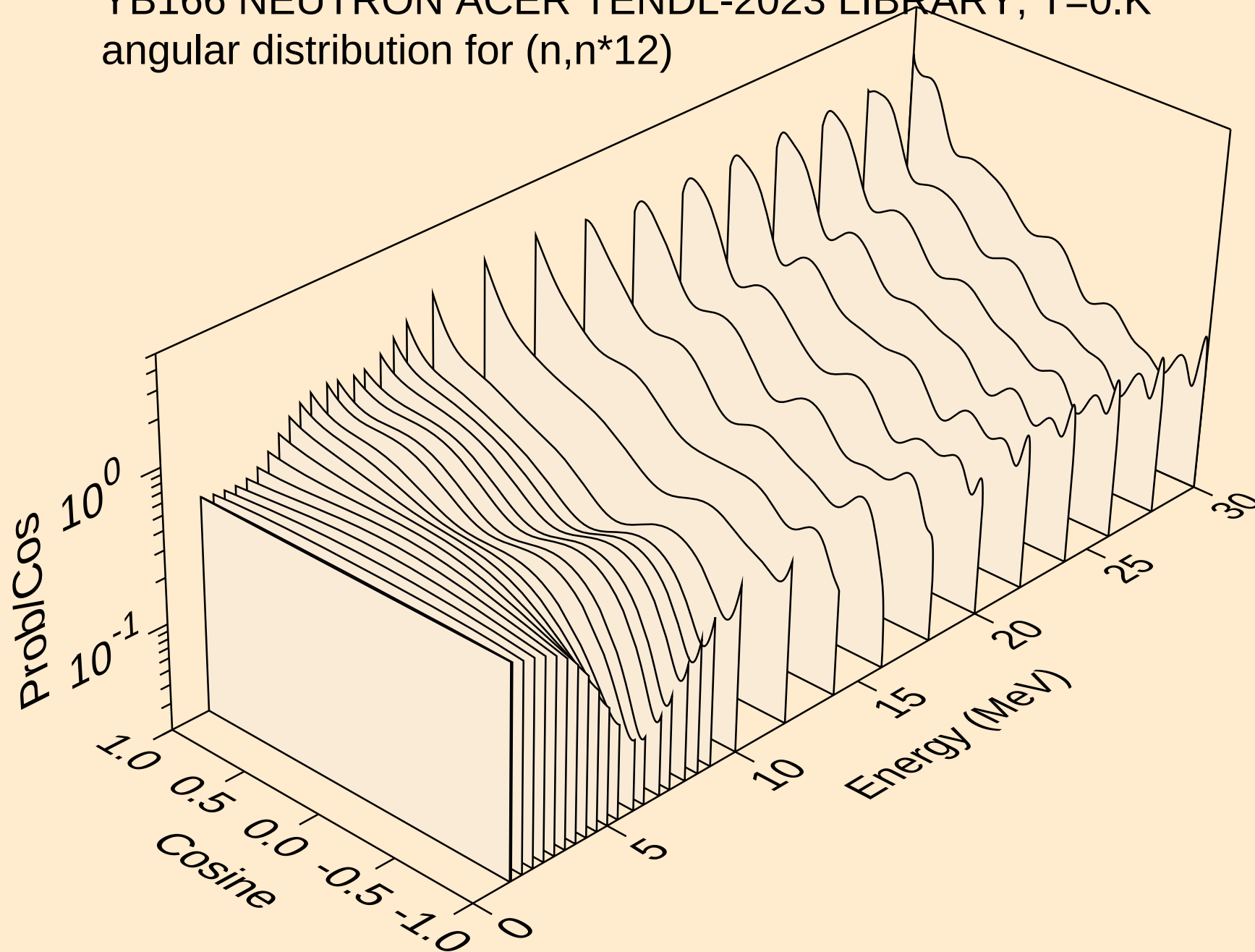
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angular distribution for (n,n\*10)



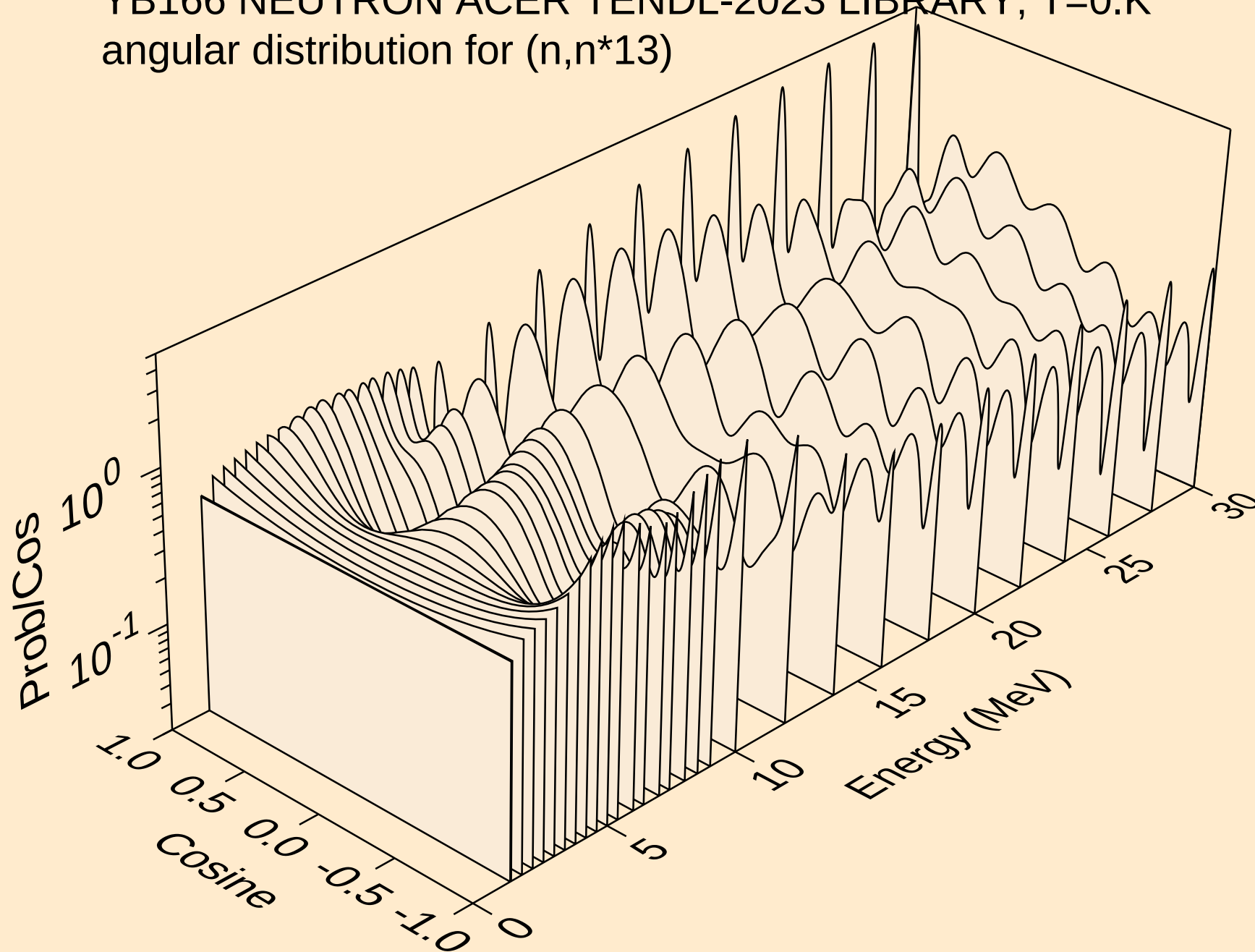
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angular distribution for (n,n\*11)



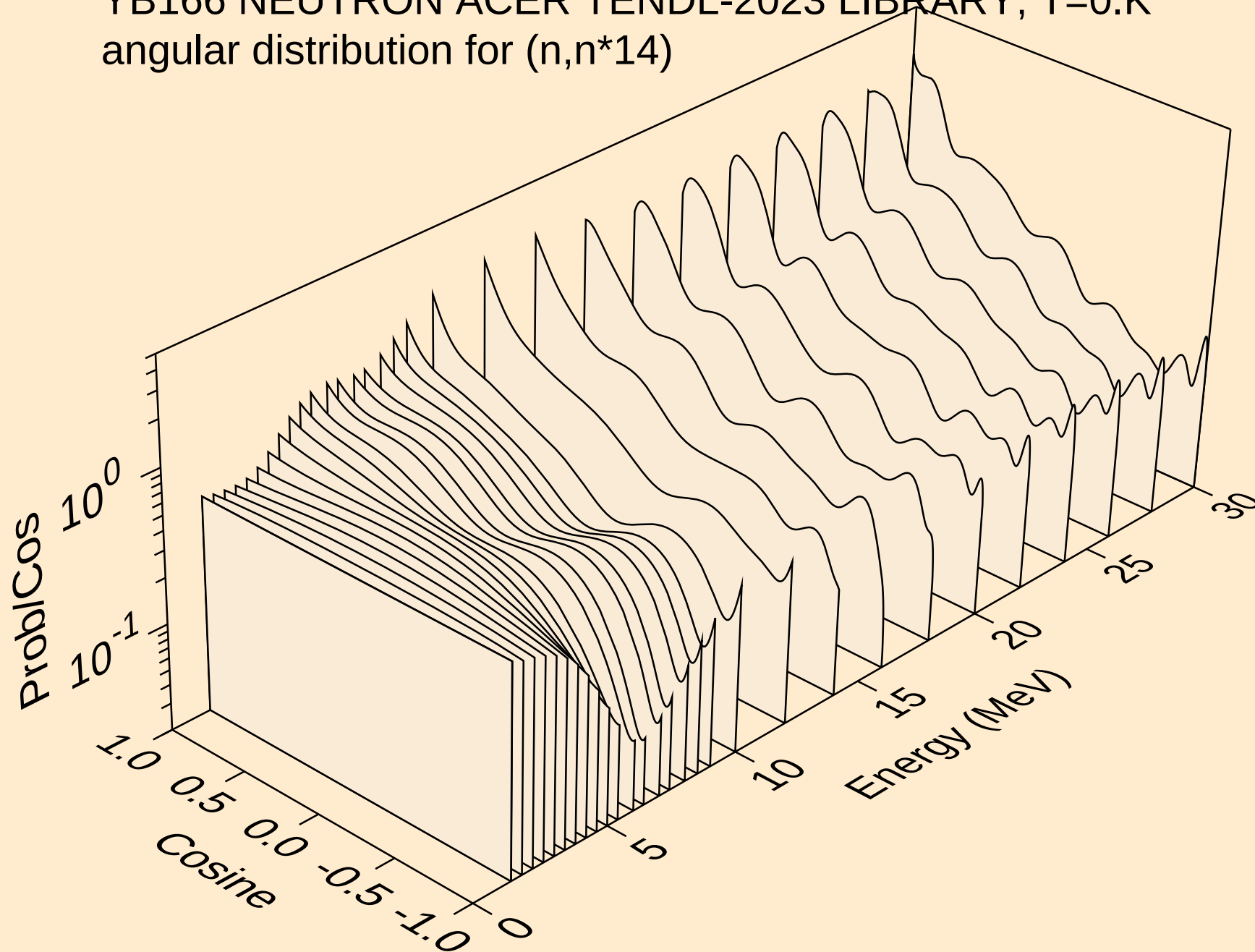
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angular distribution for (n,n\*12)



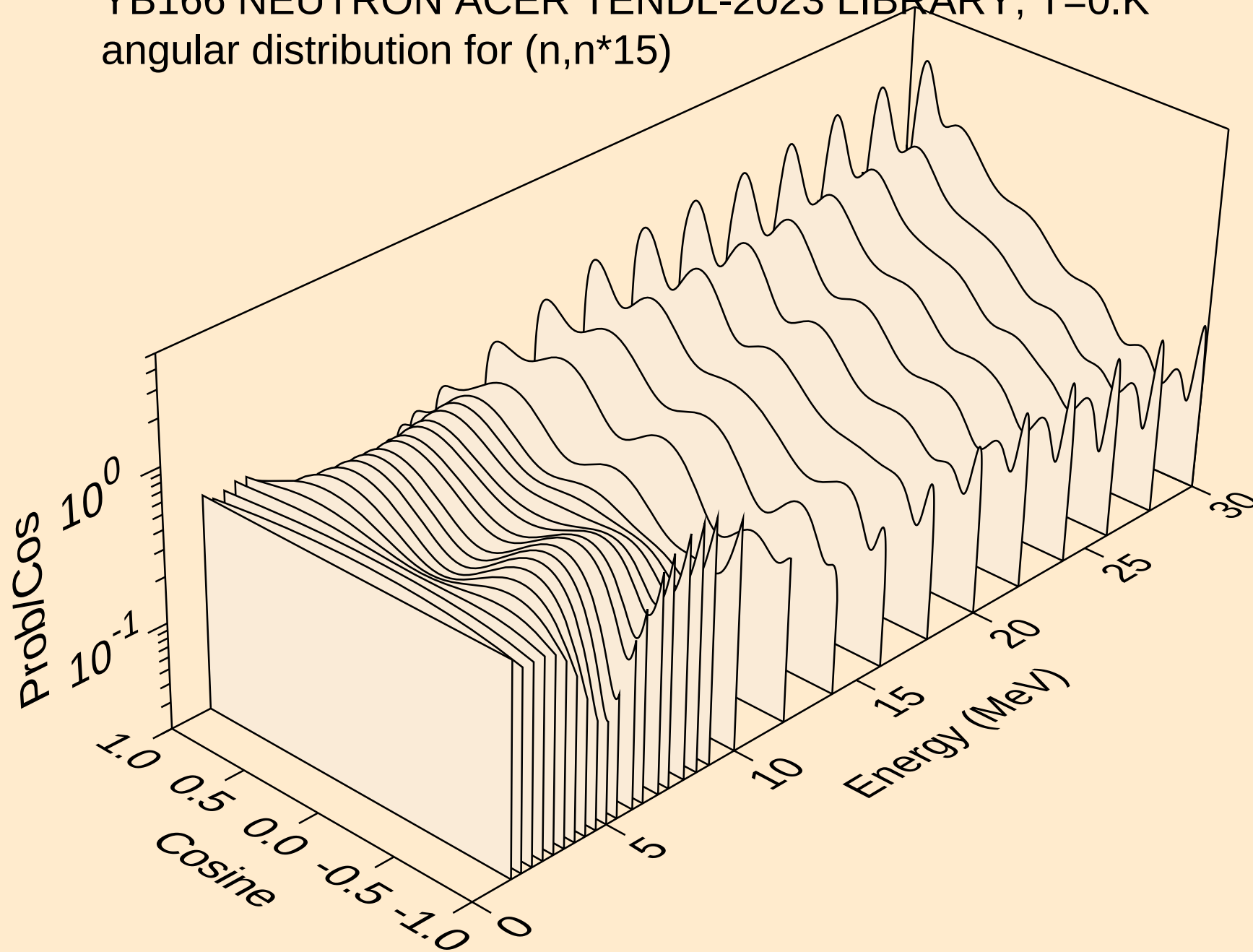
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angular distribution for (n,n\*13)



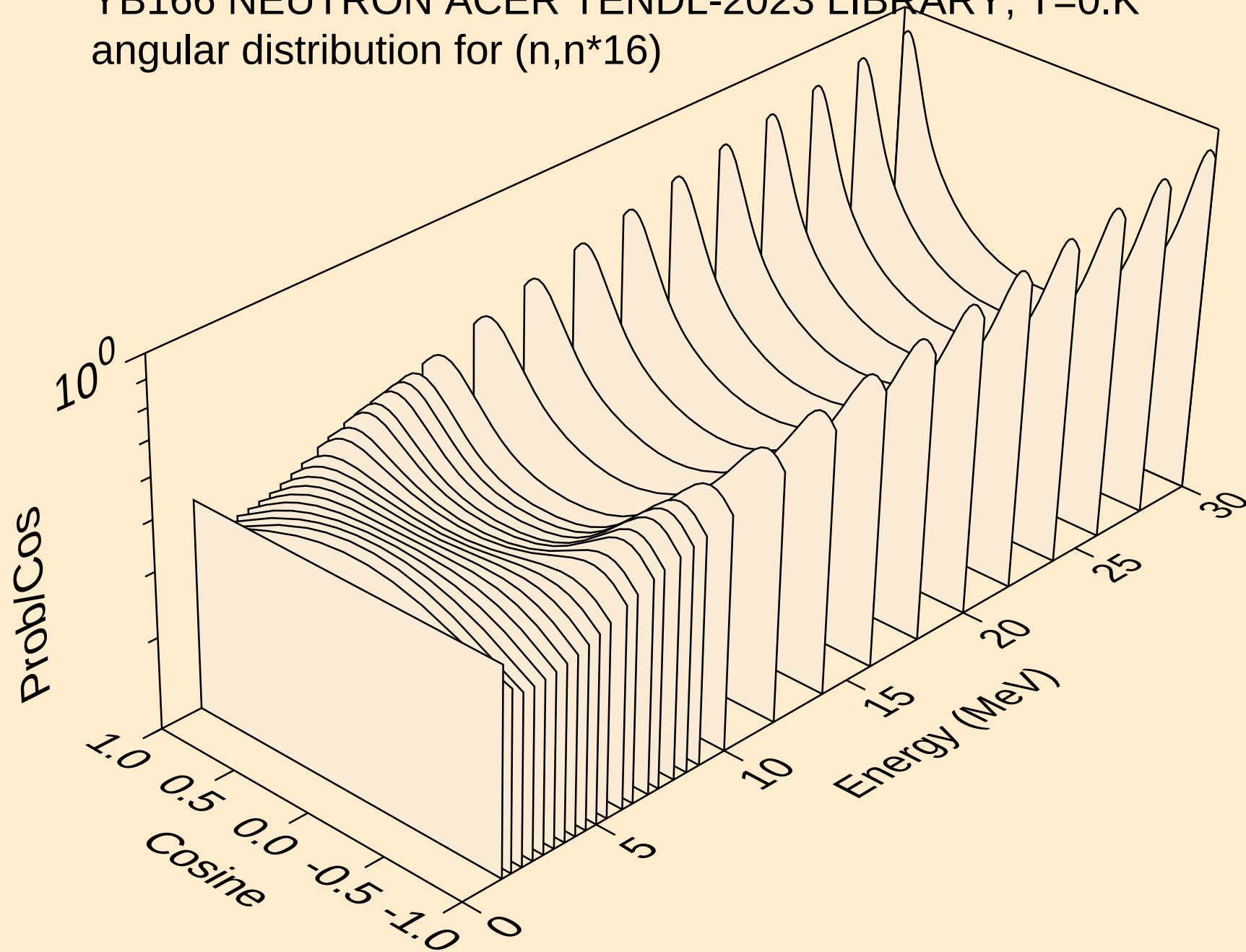
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angular distribution for (n,n\*14)



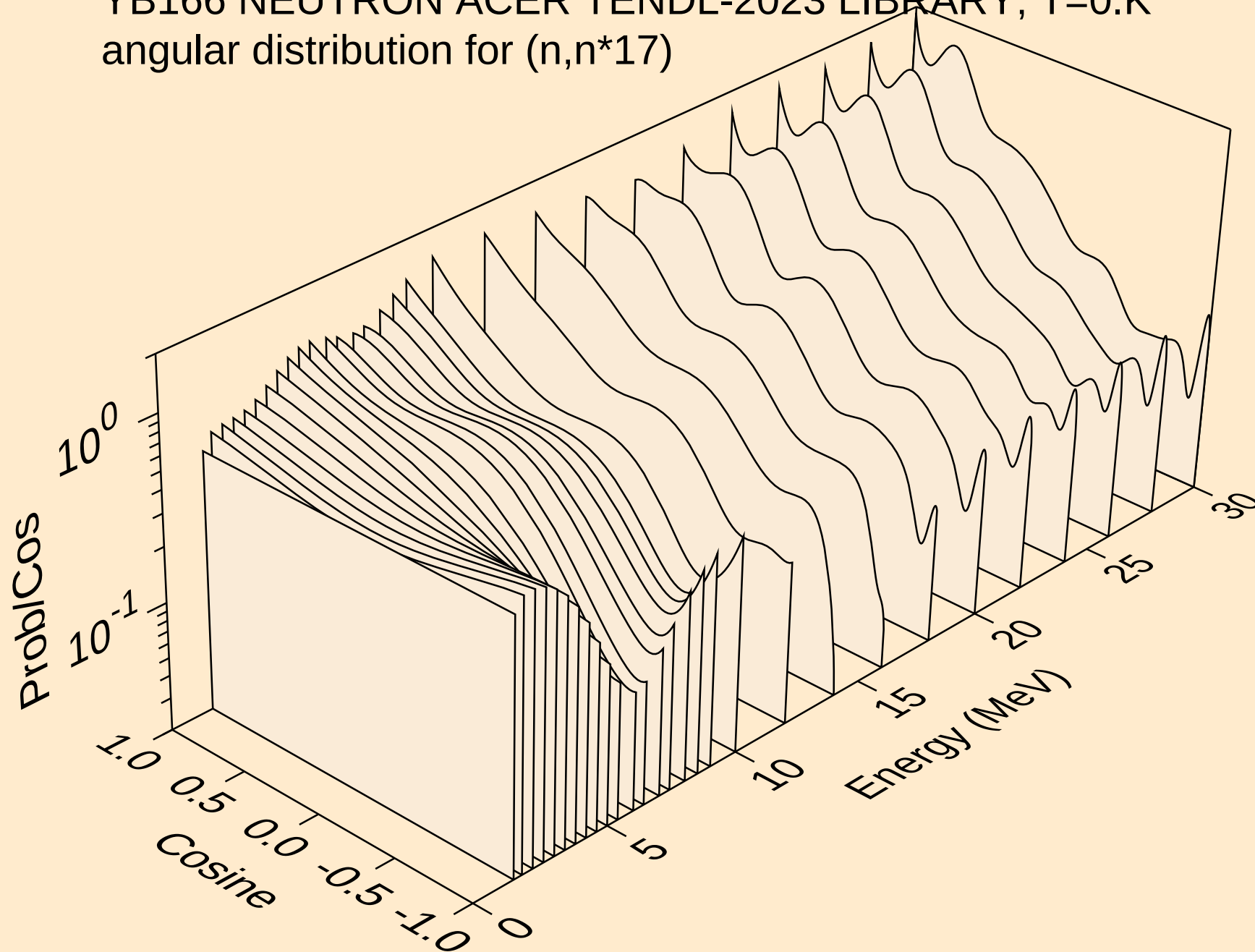
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angular distribution for (n,n\*15)



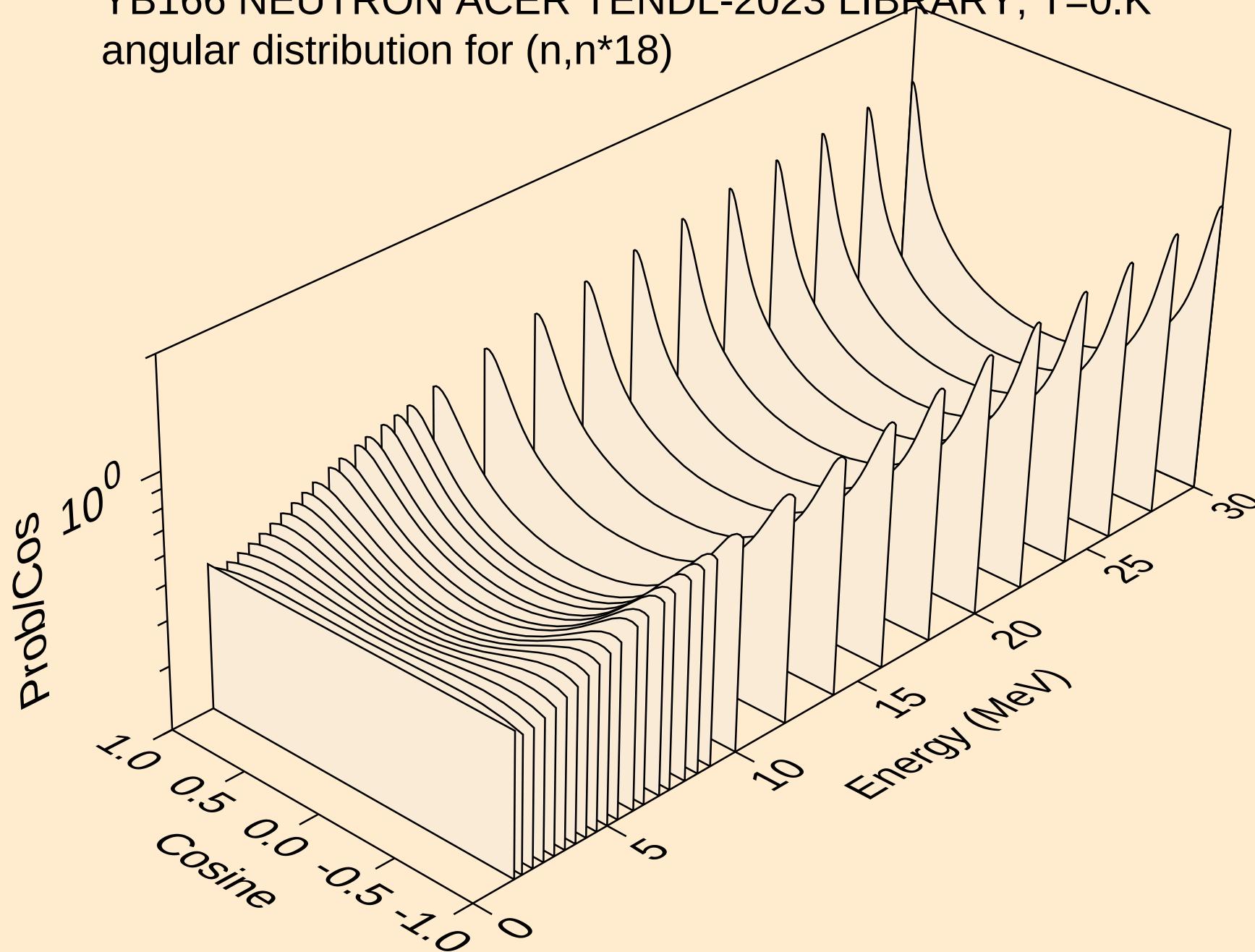
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angular distribution for (n,n\*16)



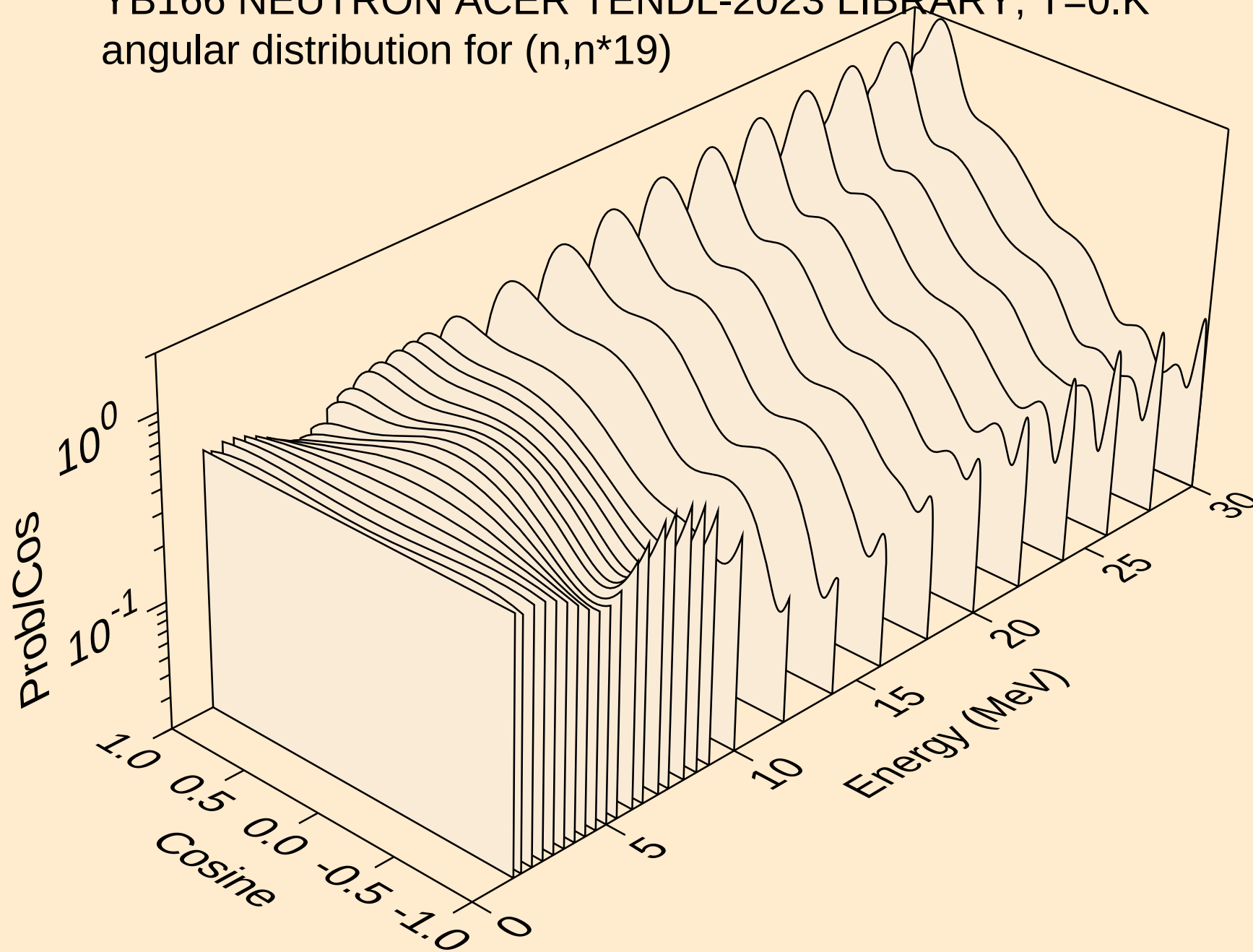
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angular distribution for (n,n\*17)



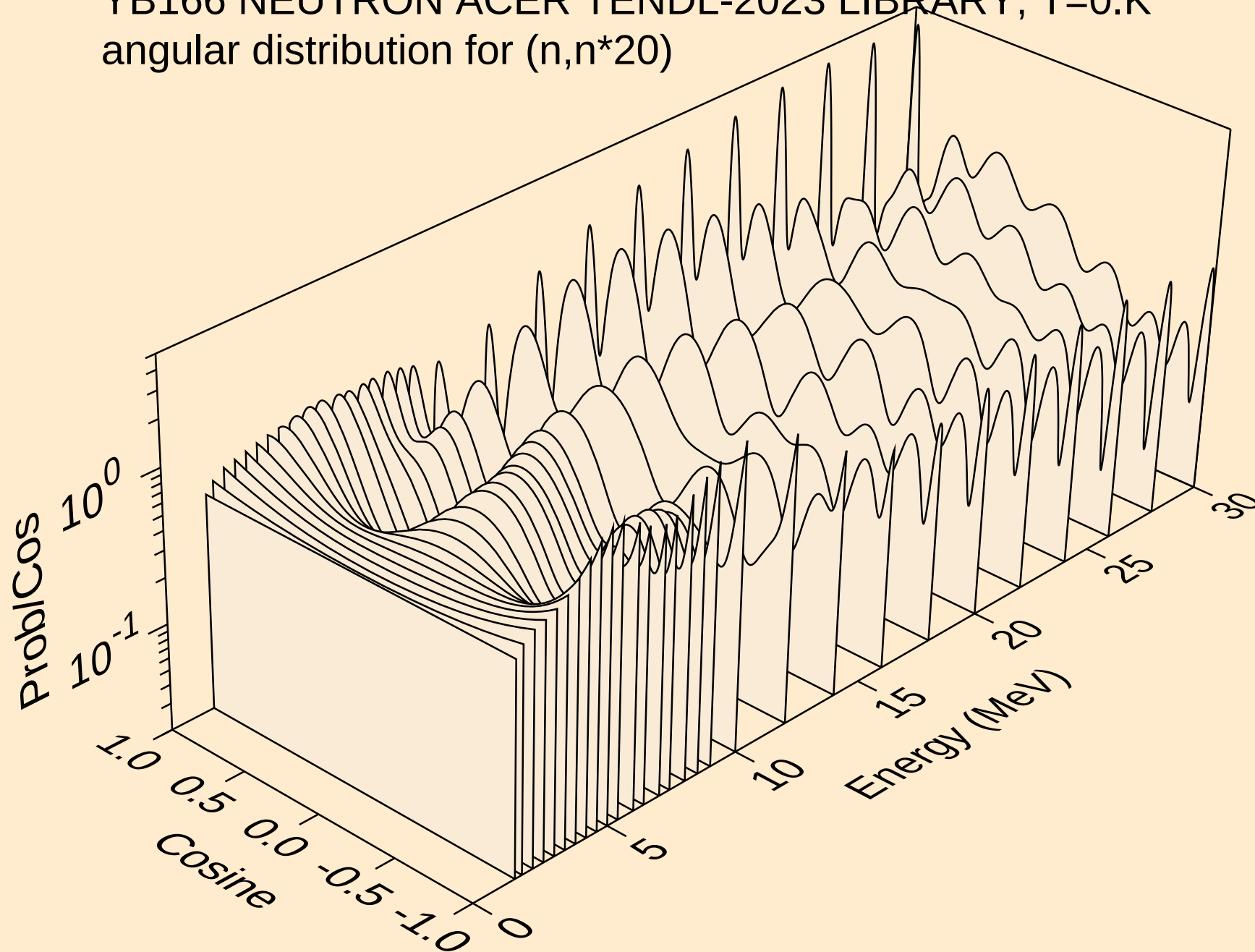
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angular distribution for (n,n\*18)



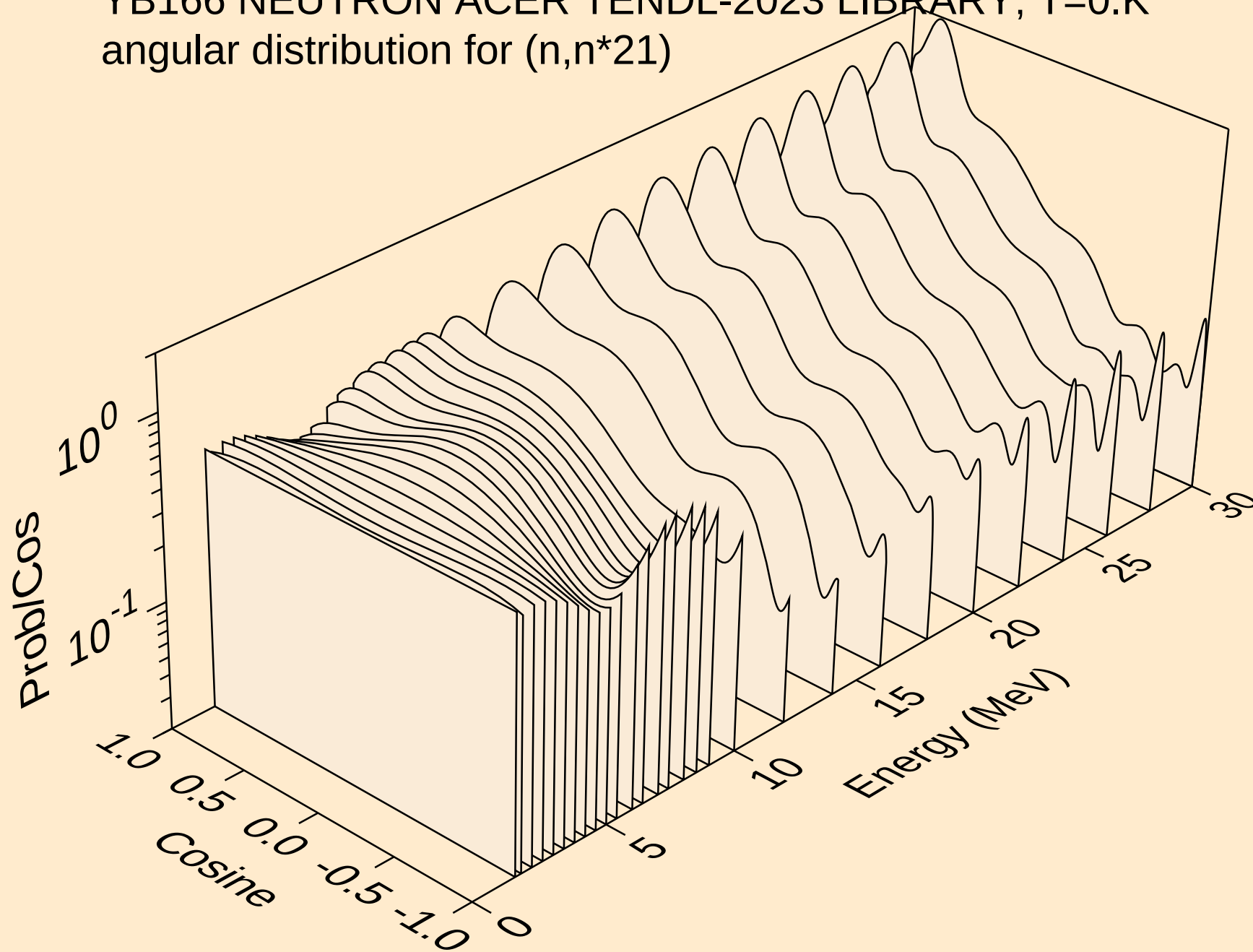
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angular distribution for (n,n\*19)



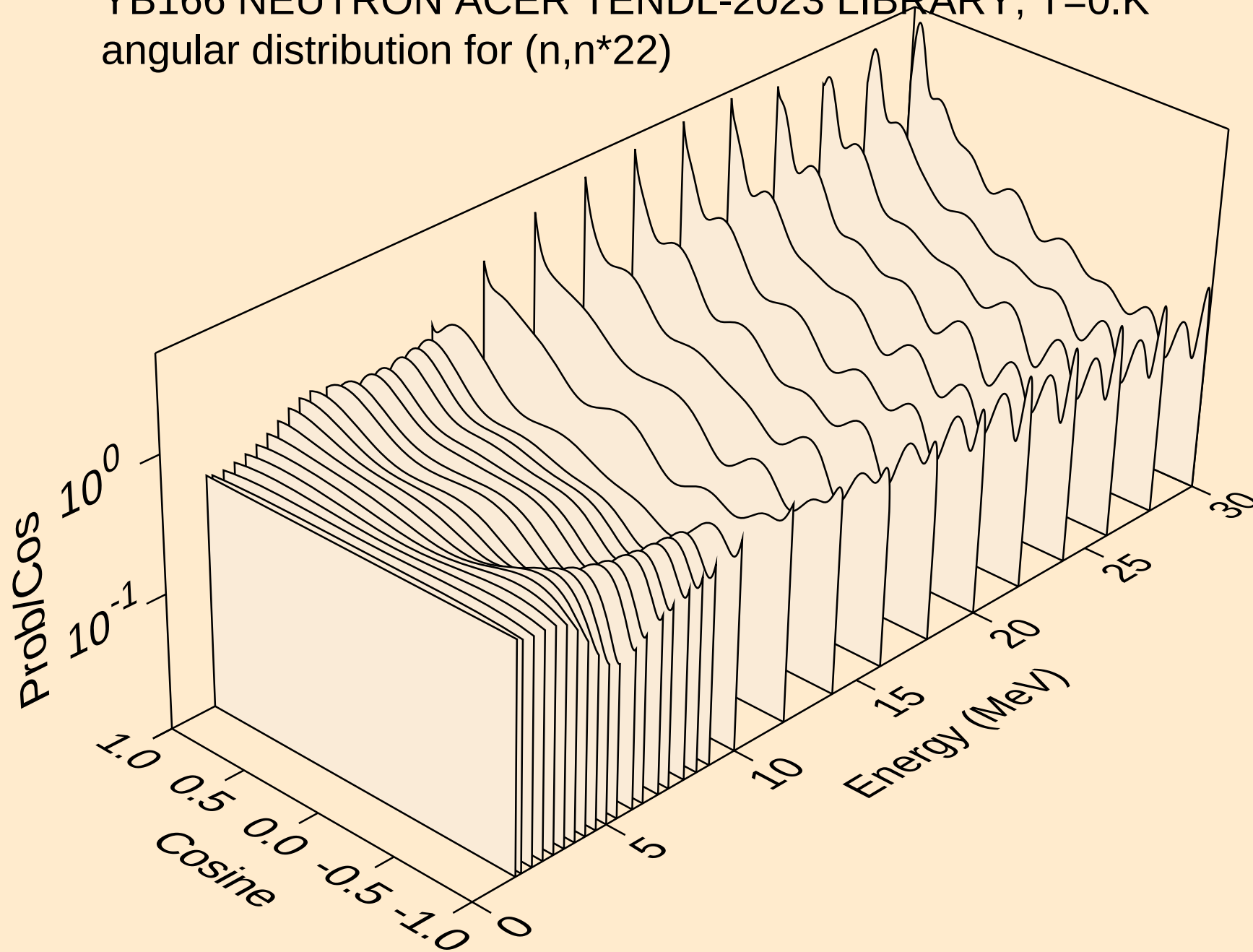
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angular distribution for (n,n\*20)



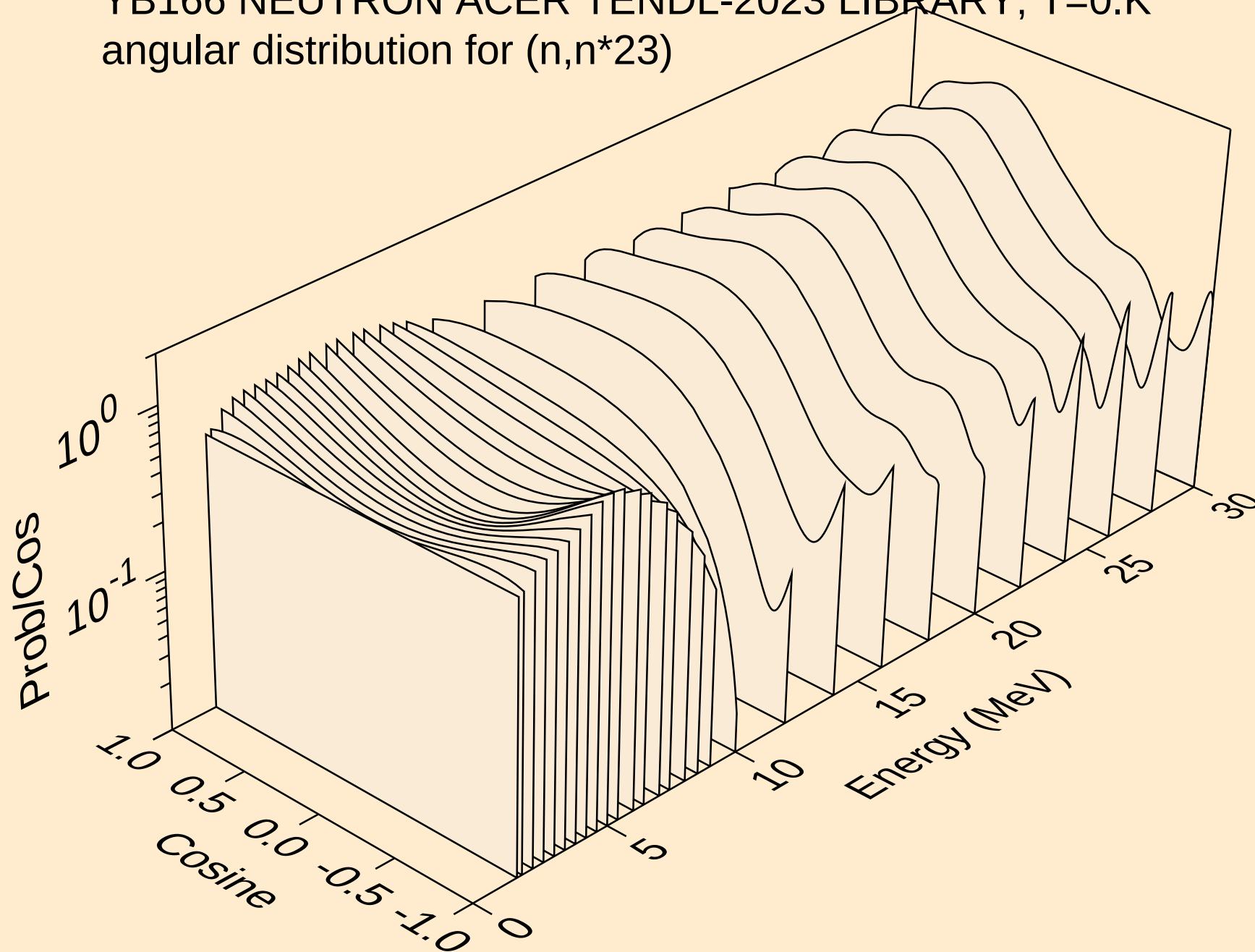
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angular distribution for (n,n\*21)



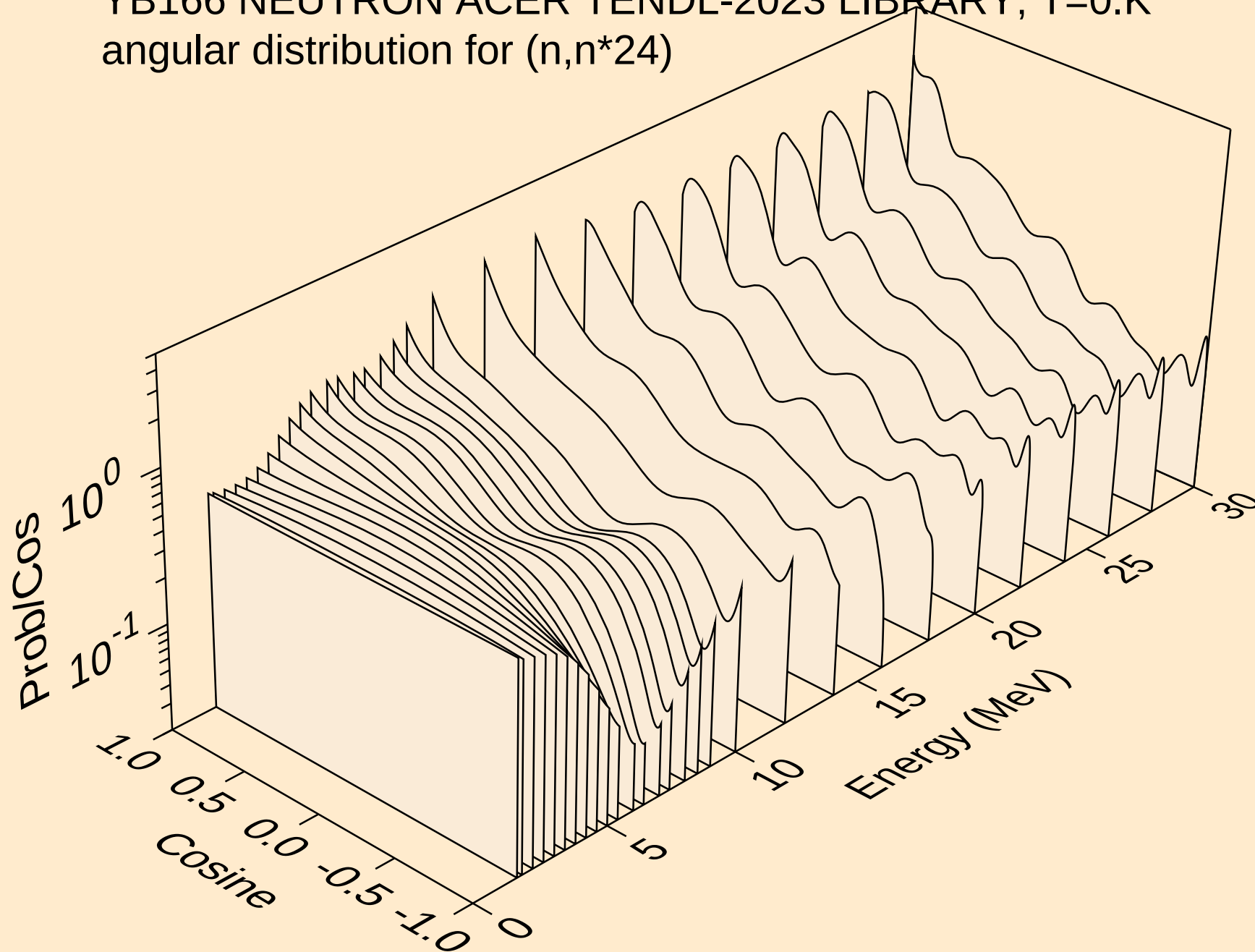
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angular distribution for (n,n\*22)



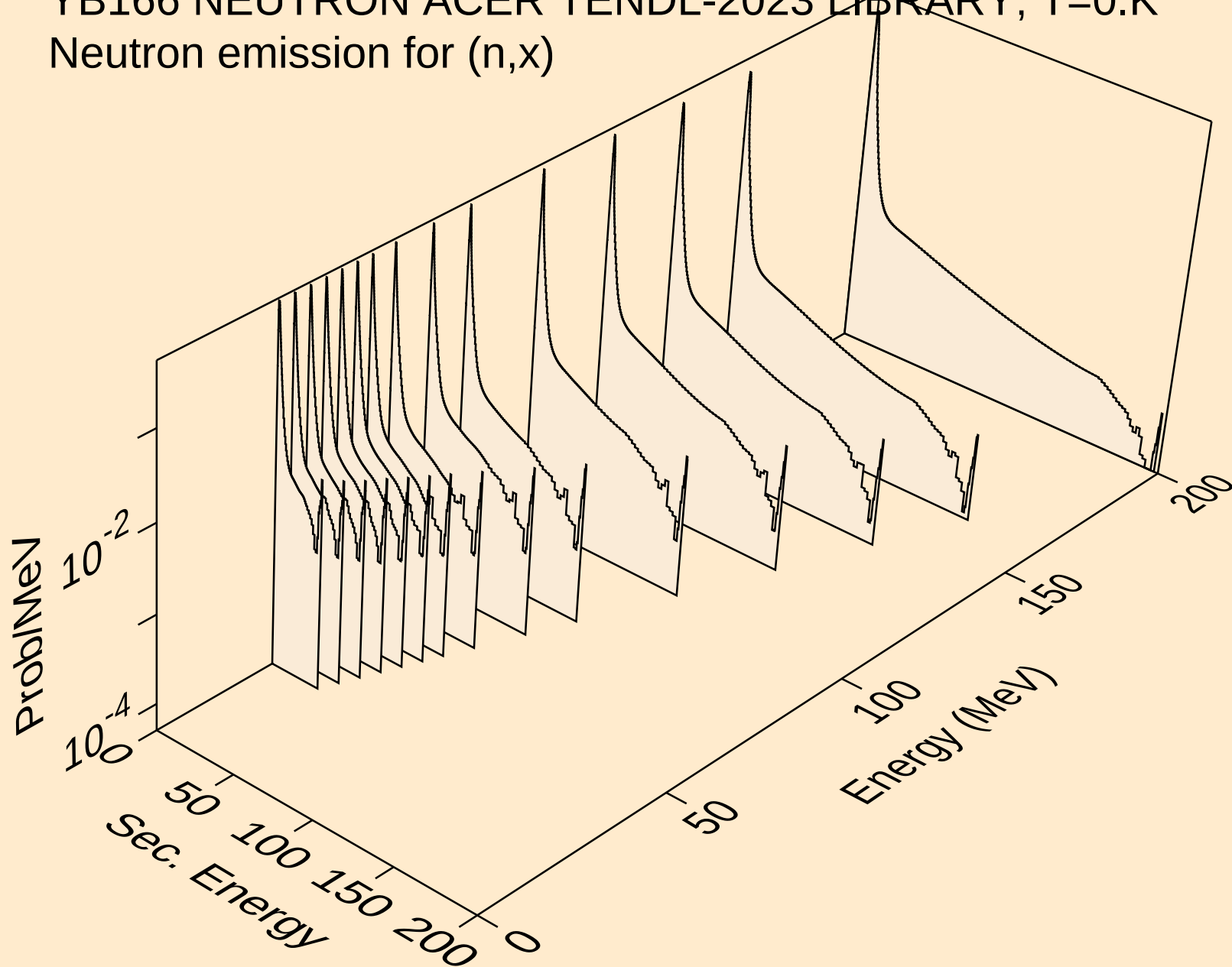
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angular distribution for (n,n\*23)



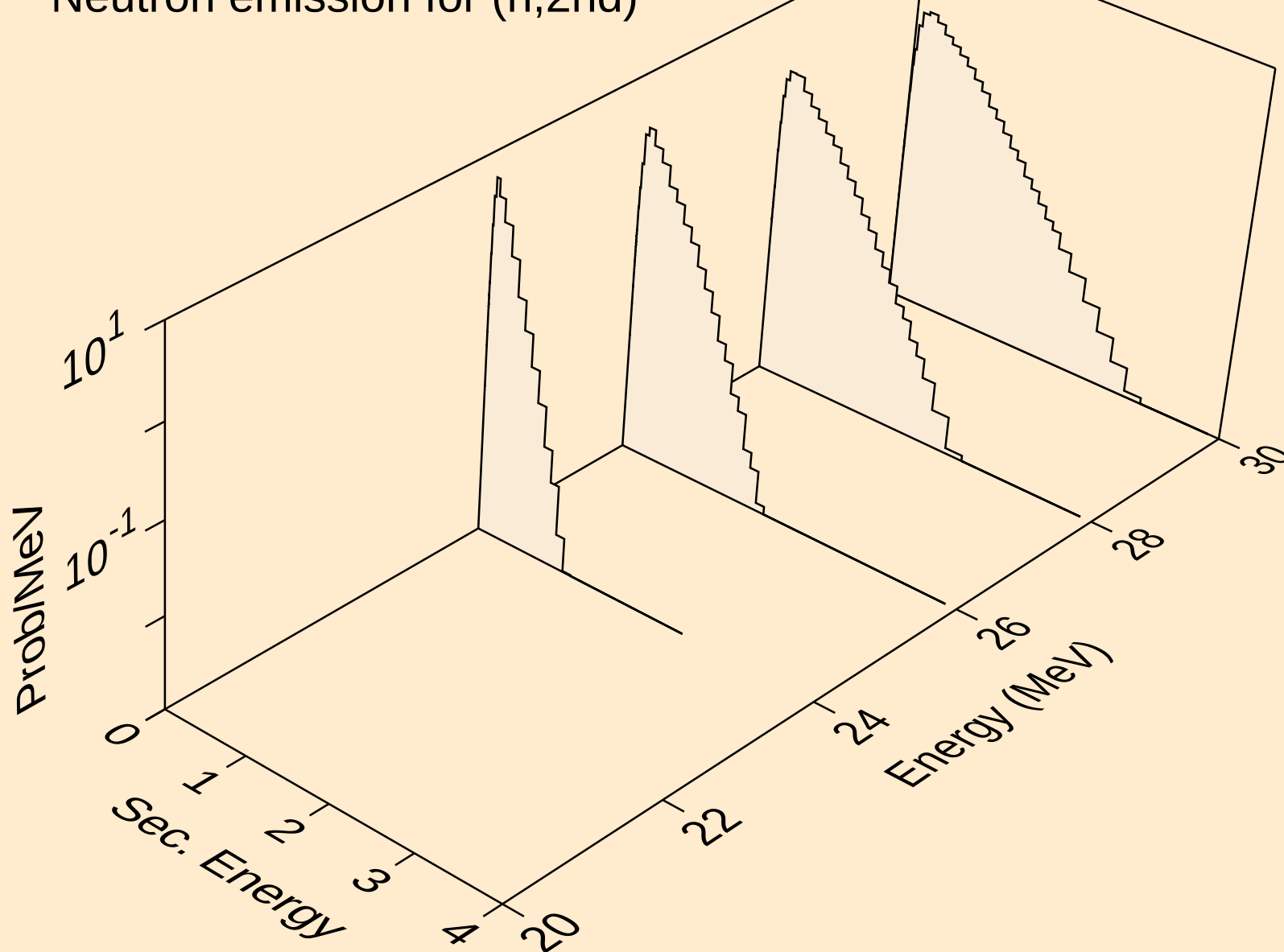
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



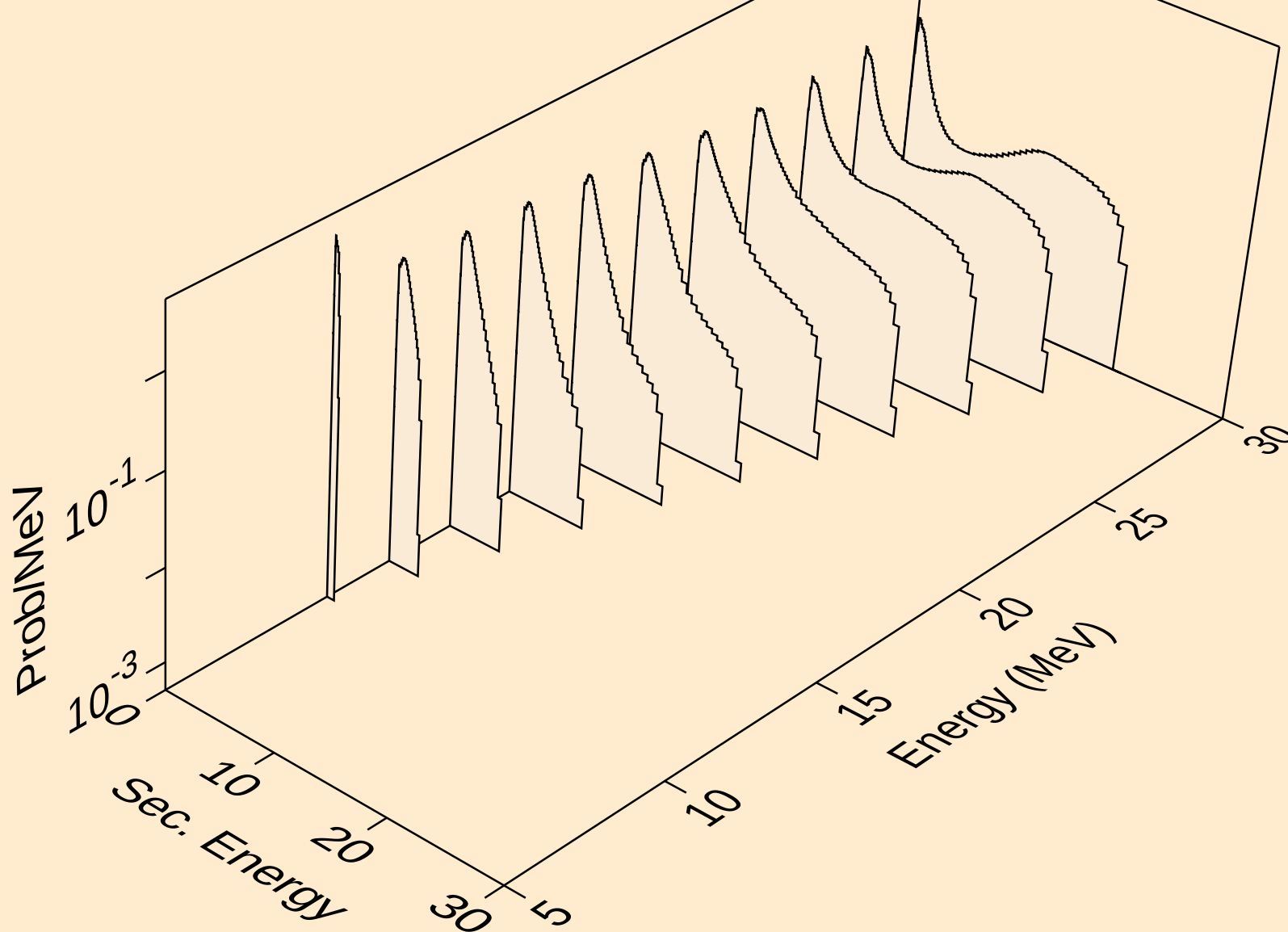
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



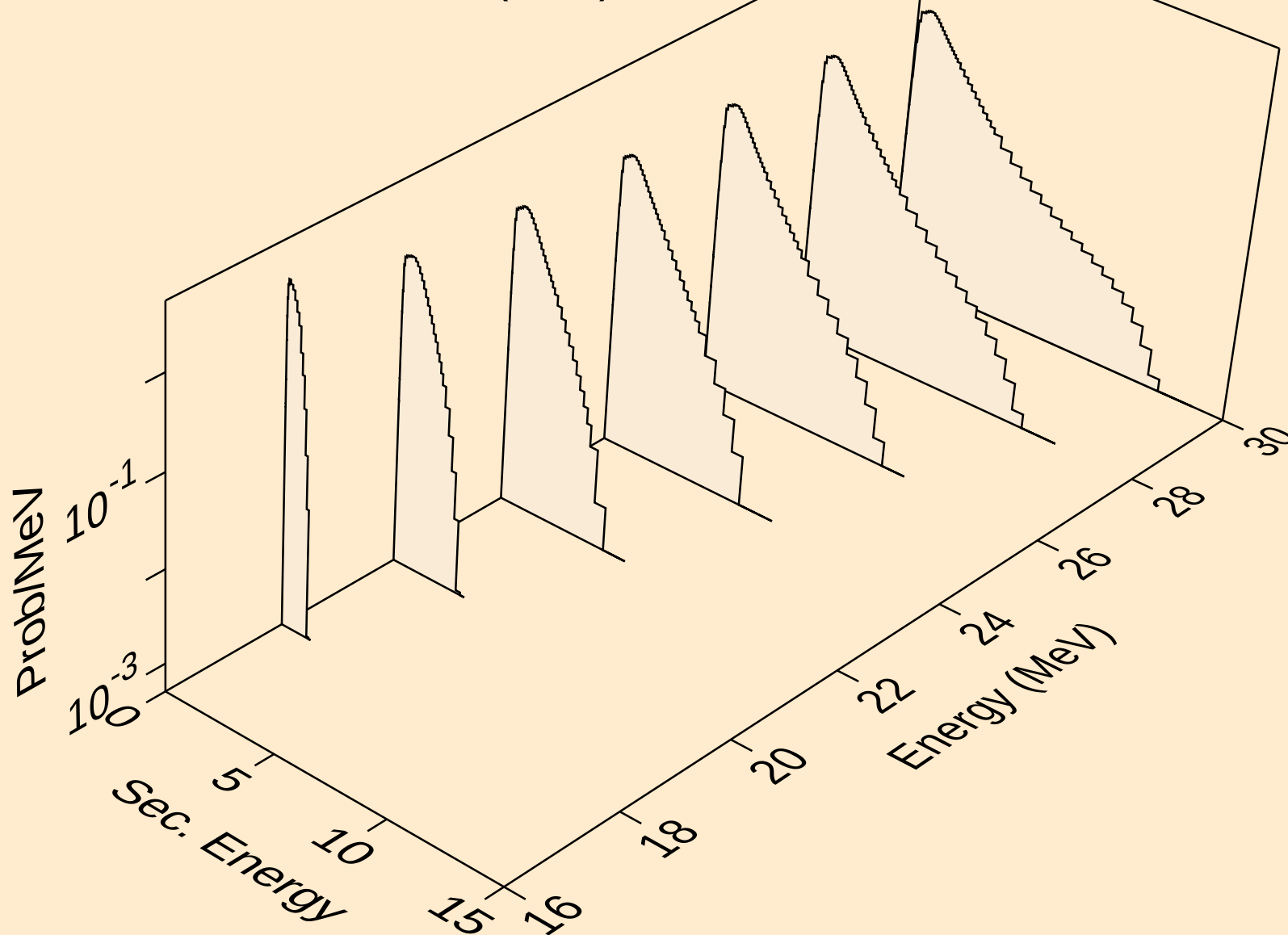
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

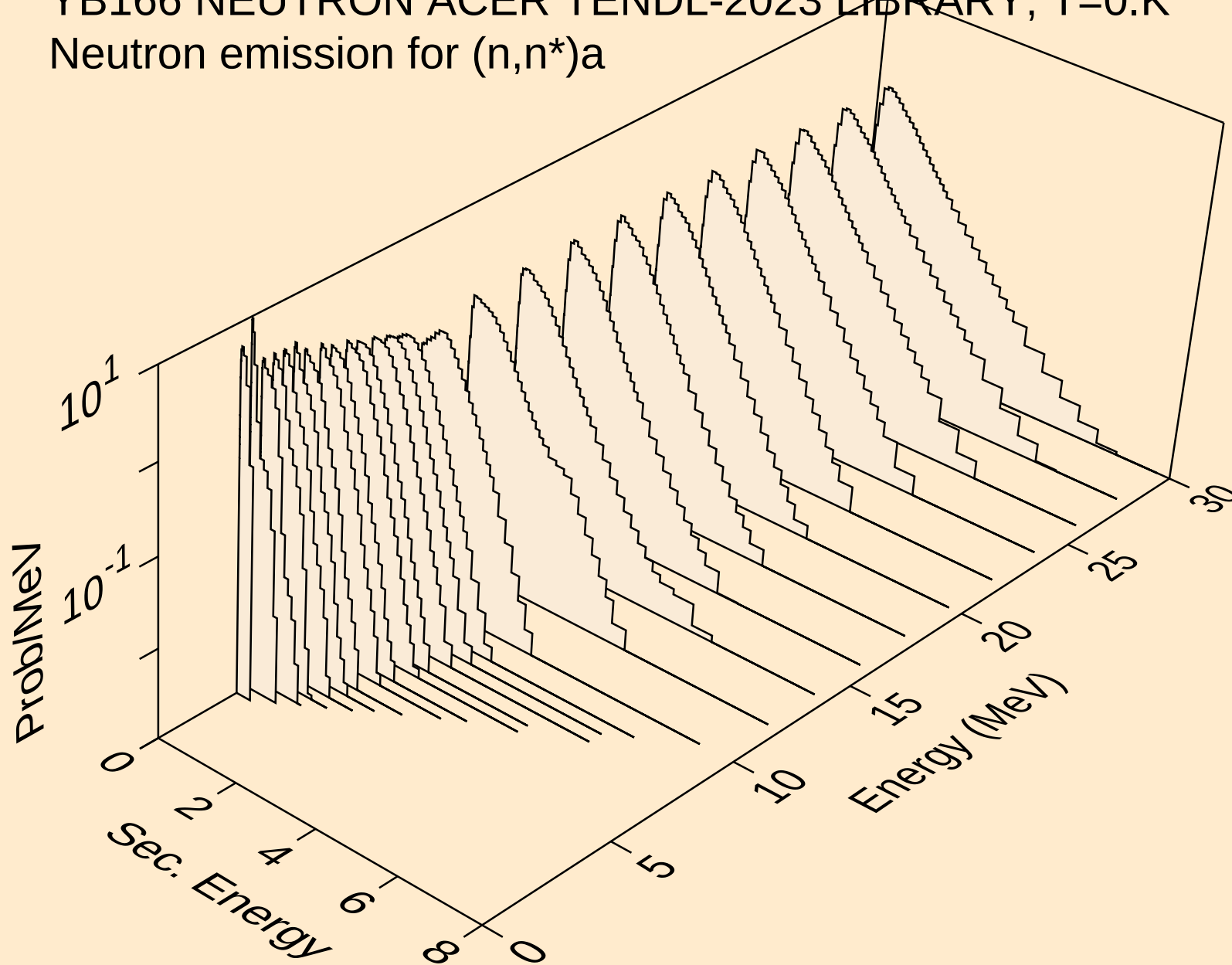


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

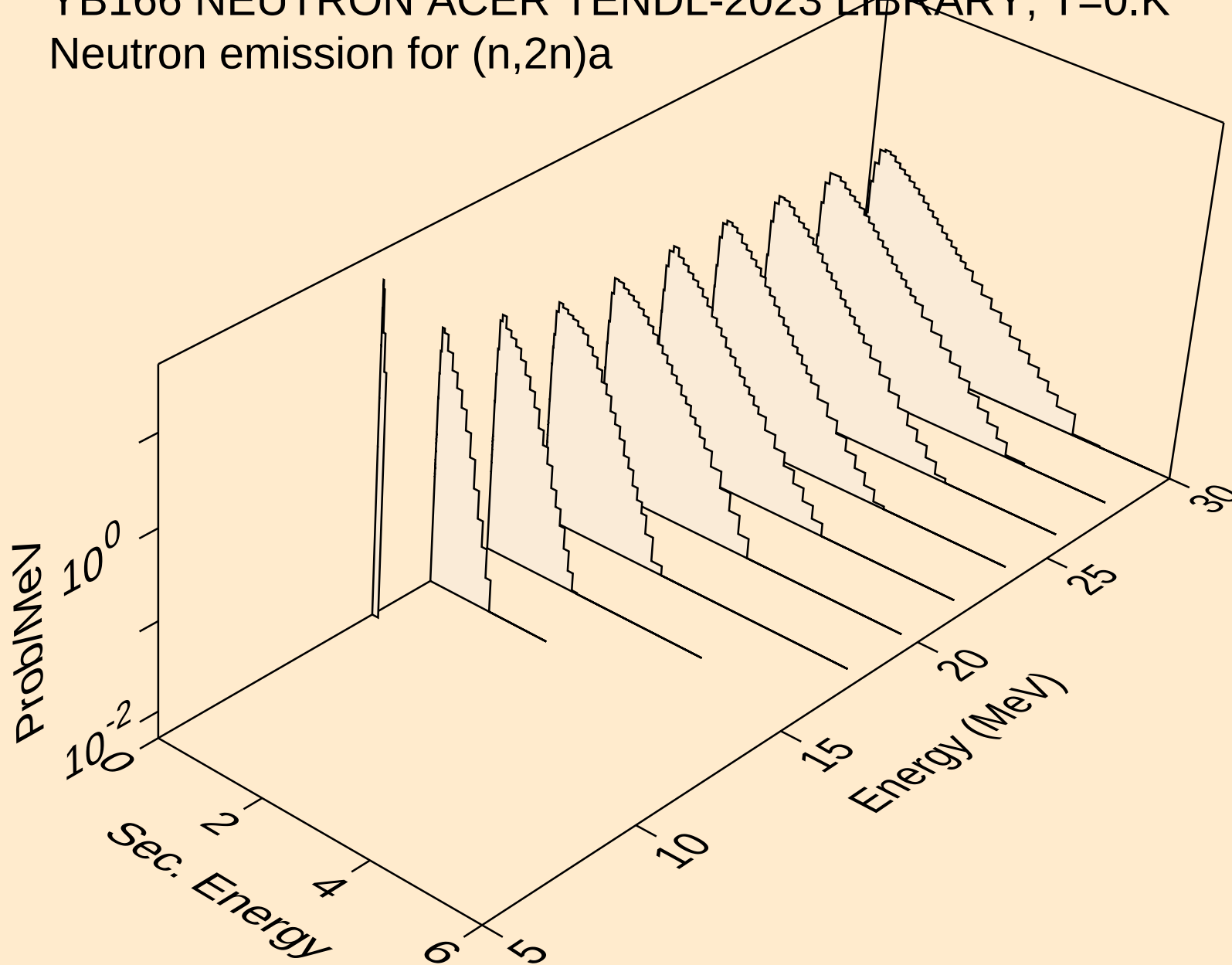


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

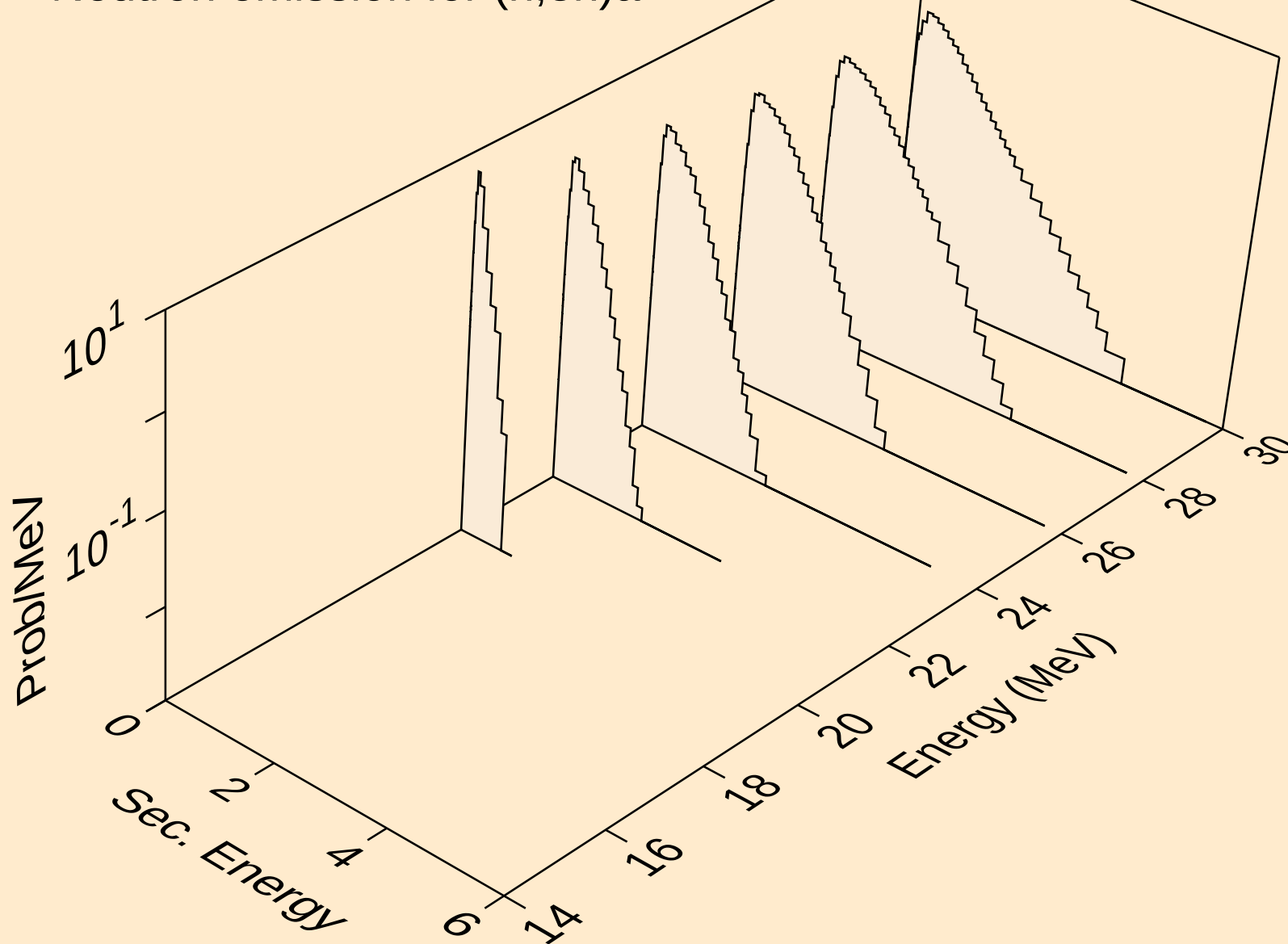
Neutron emission for (n,n\*)a



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>

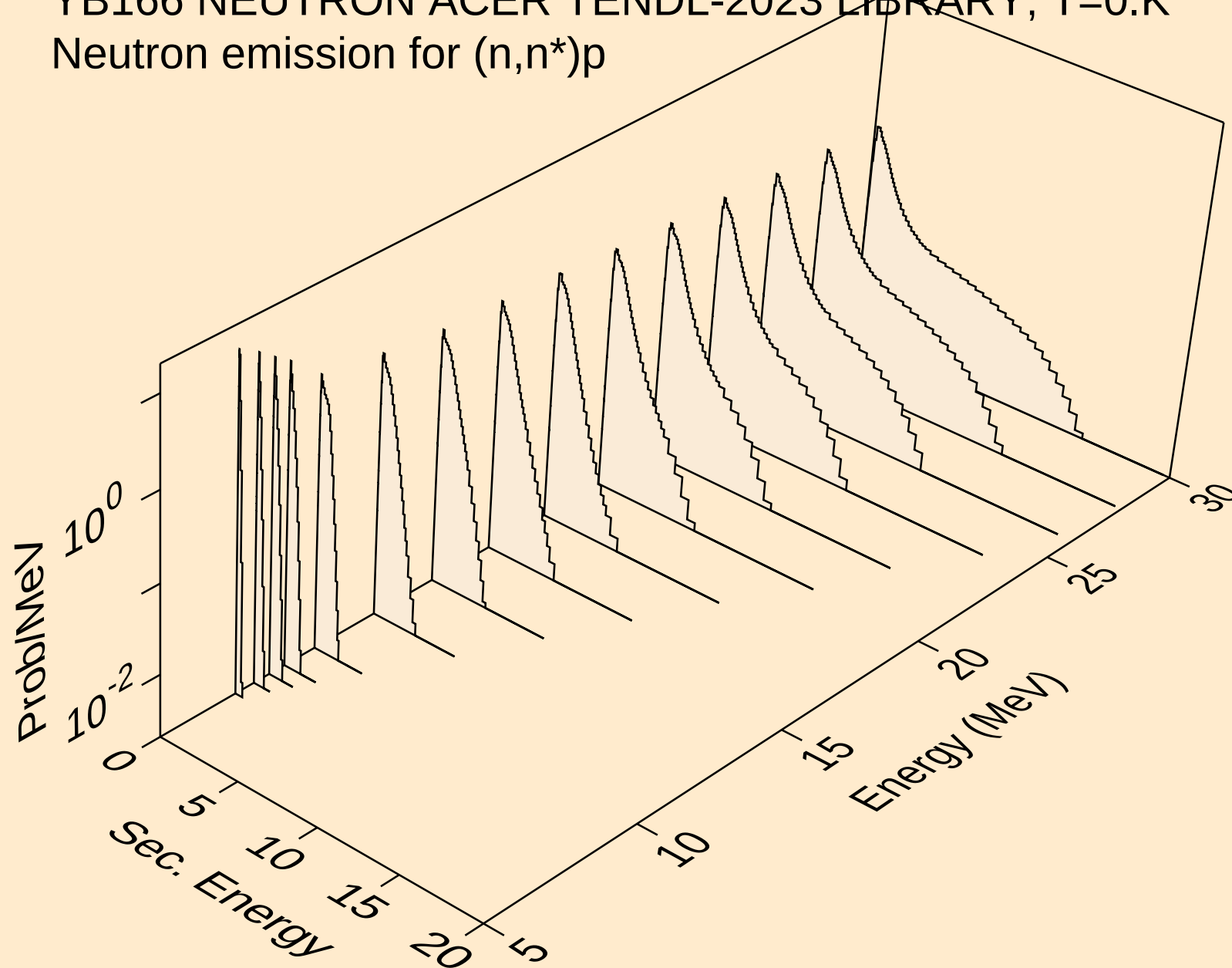


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

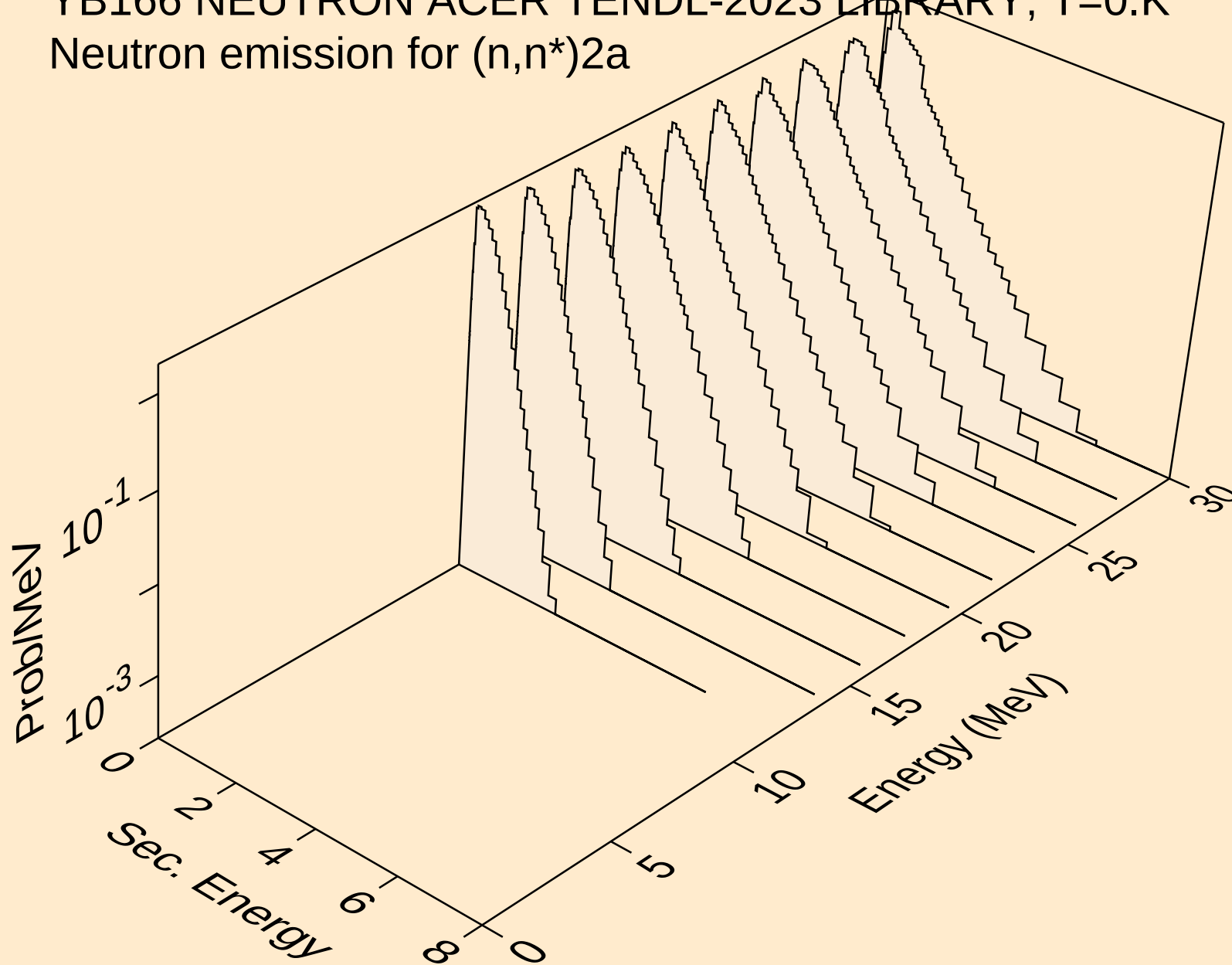


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n\*)p

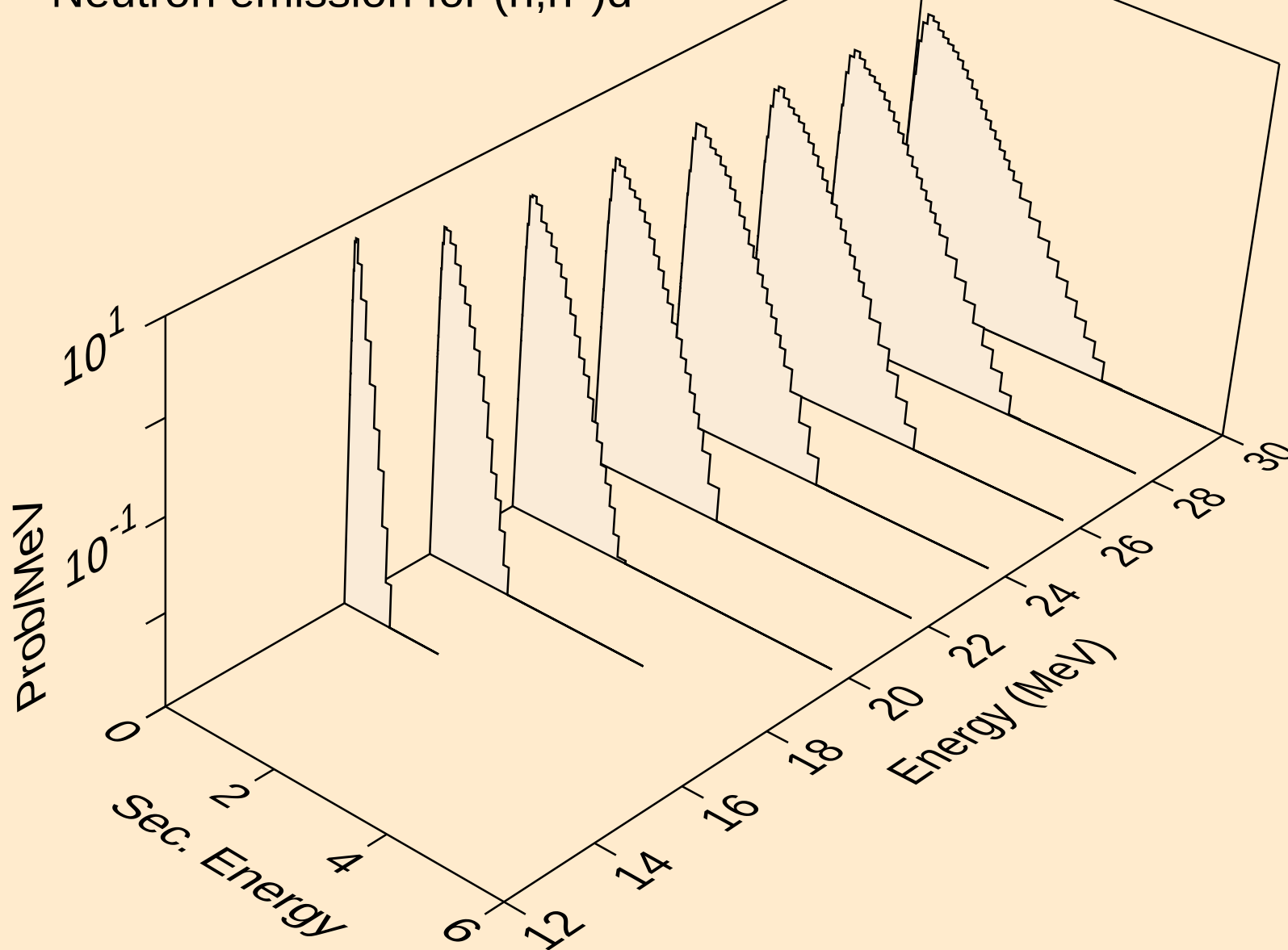


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



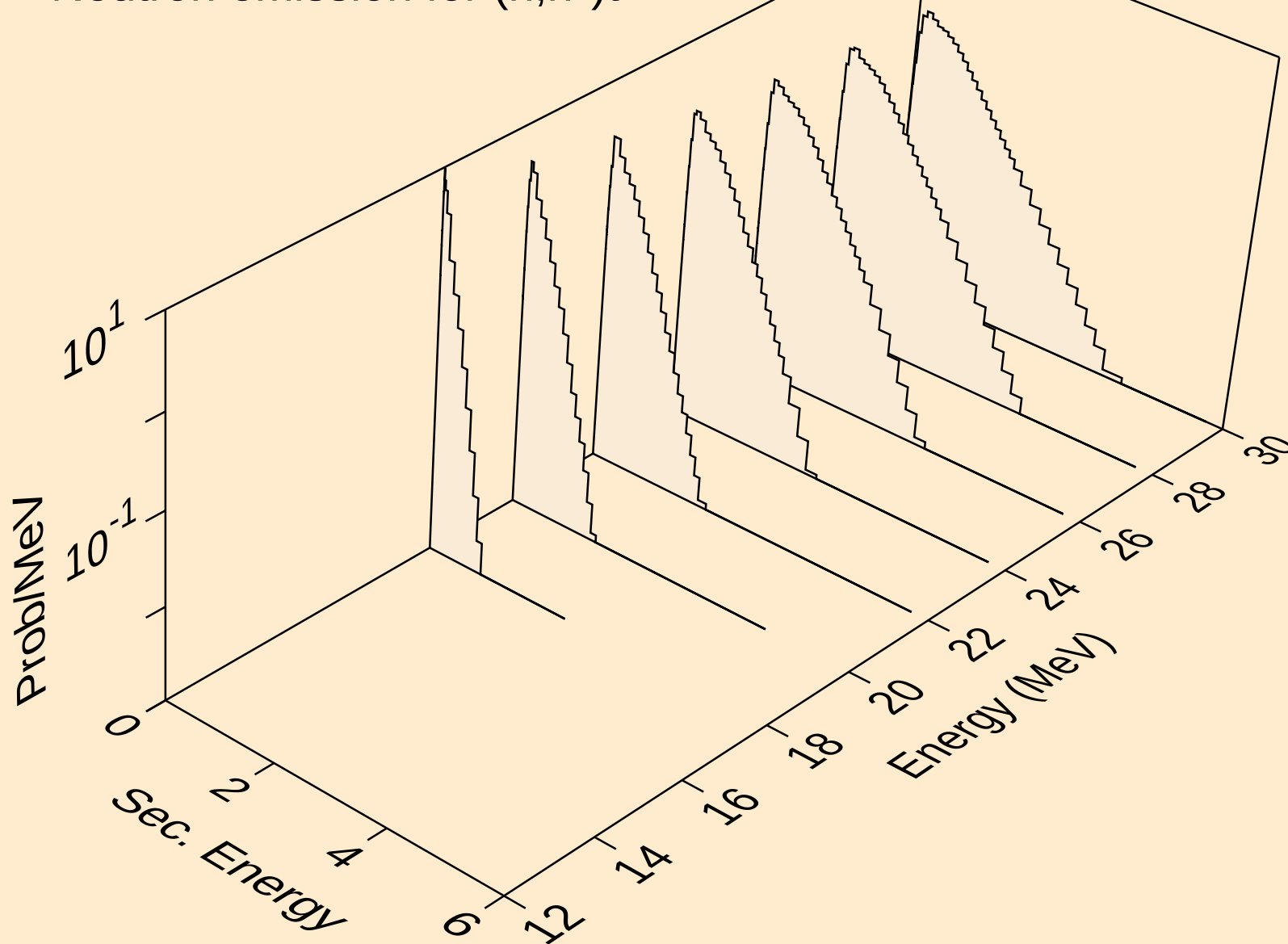
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n\*)d

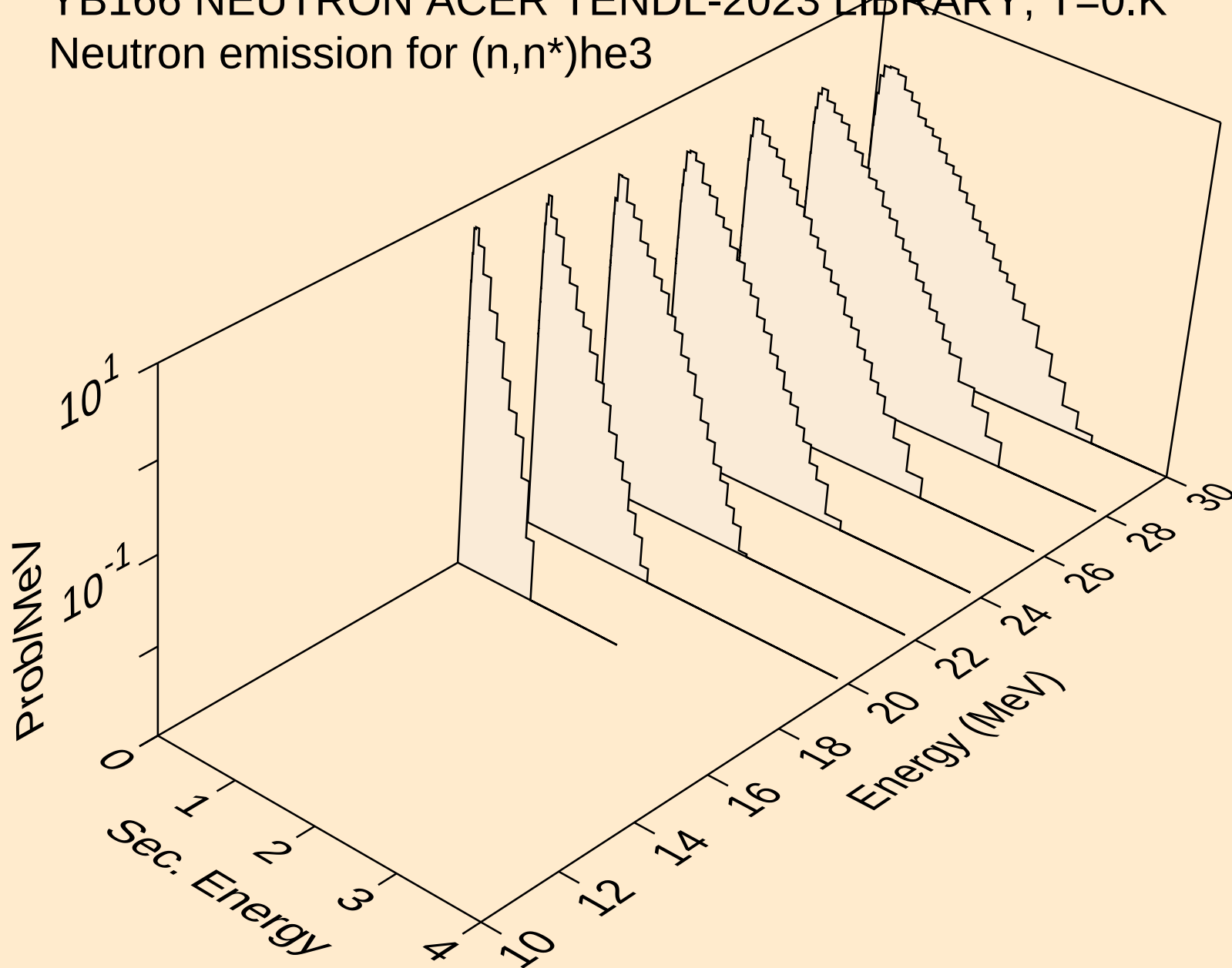


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

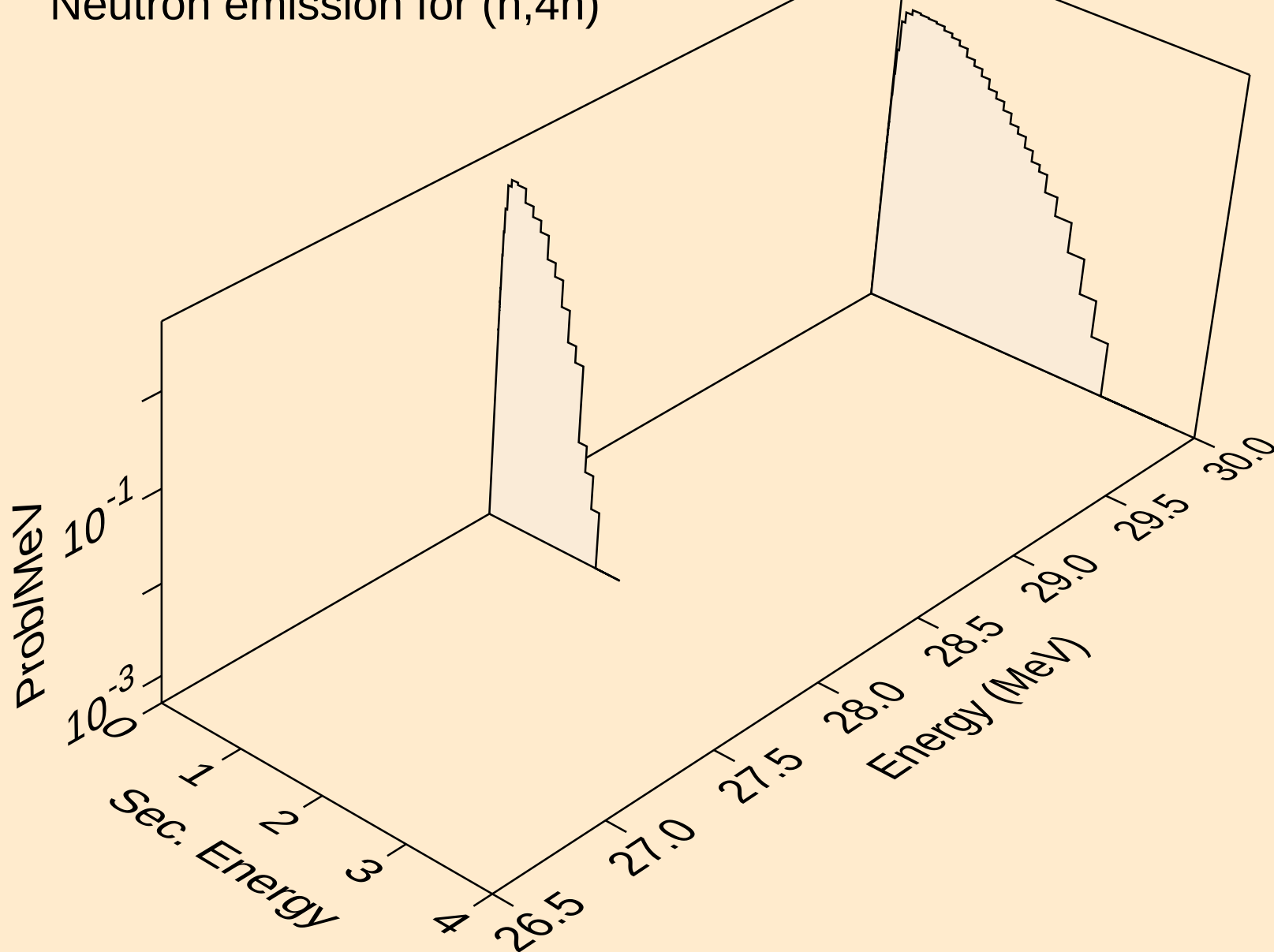
Neutron emission for (n,n\*)t



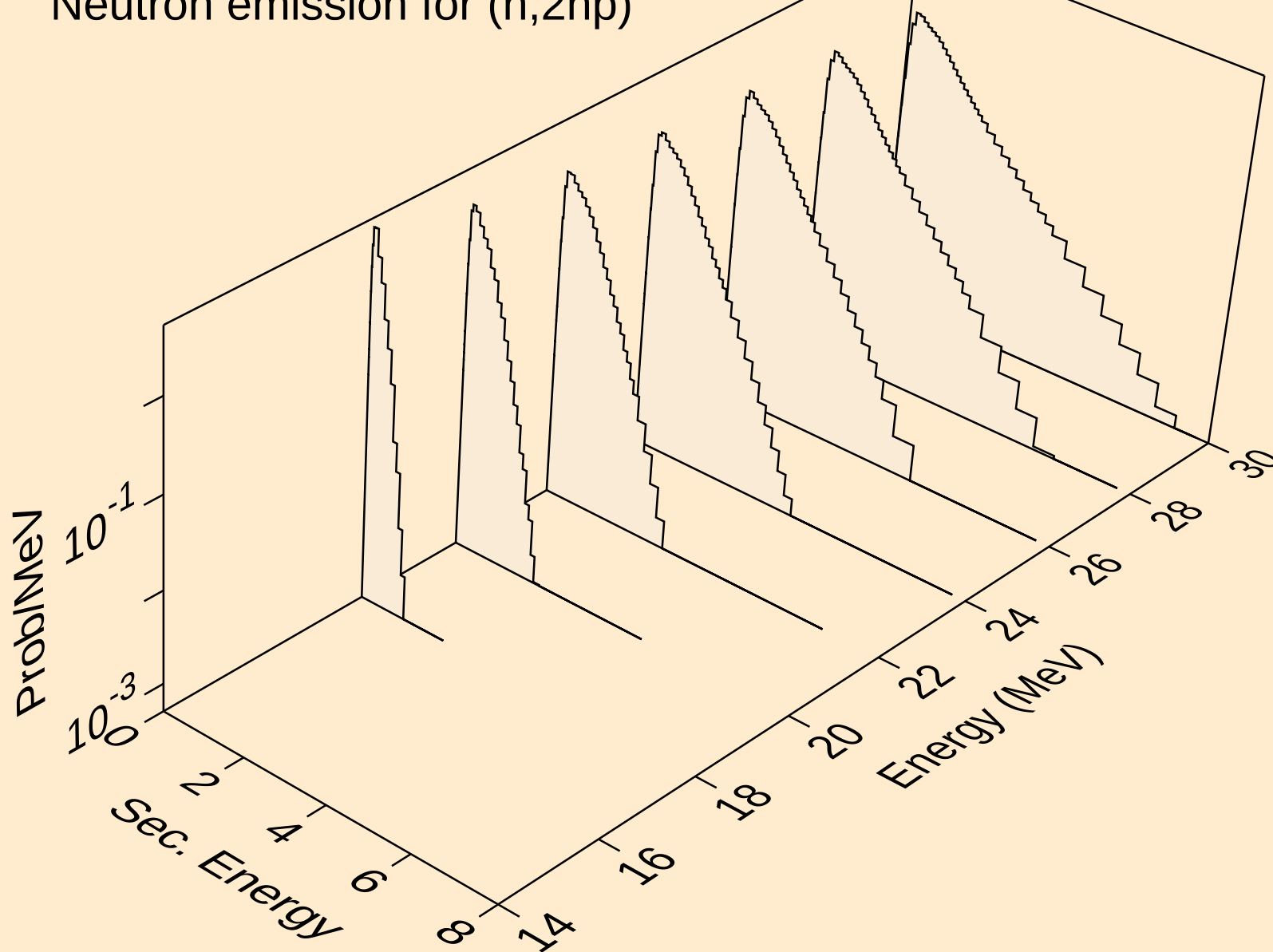
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



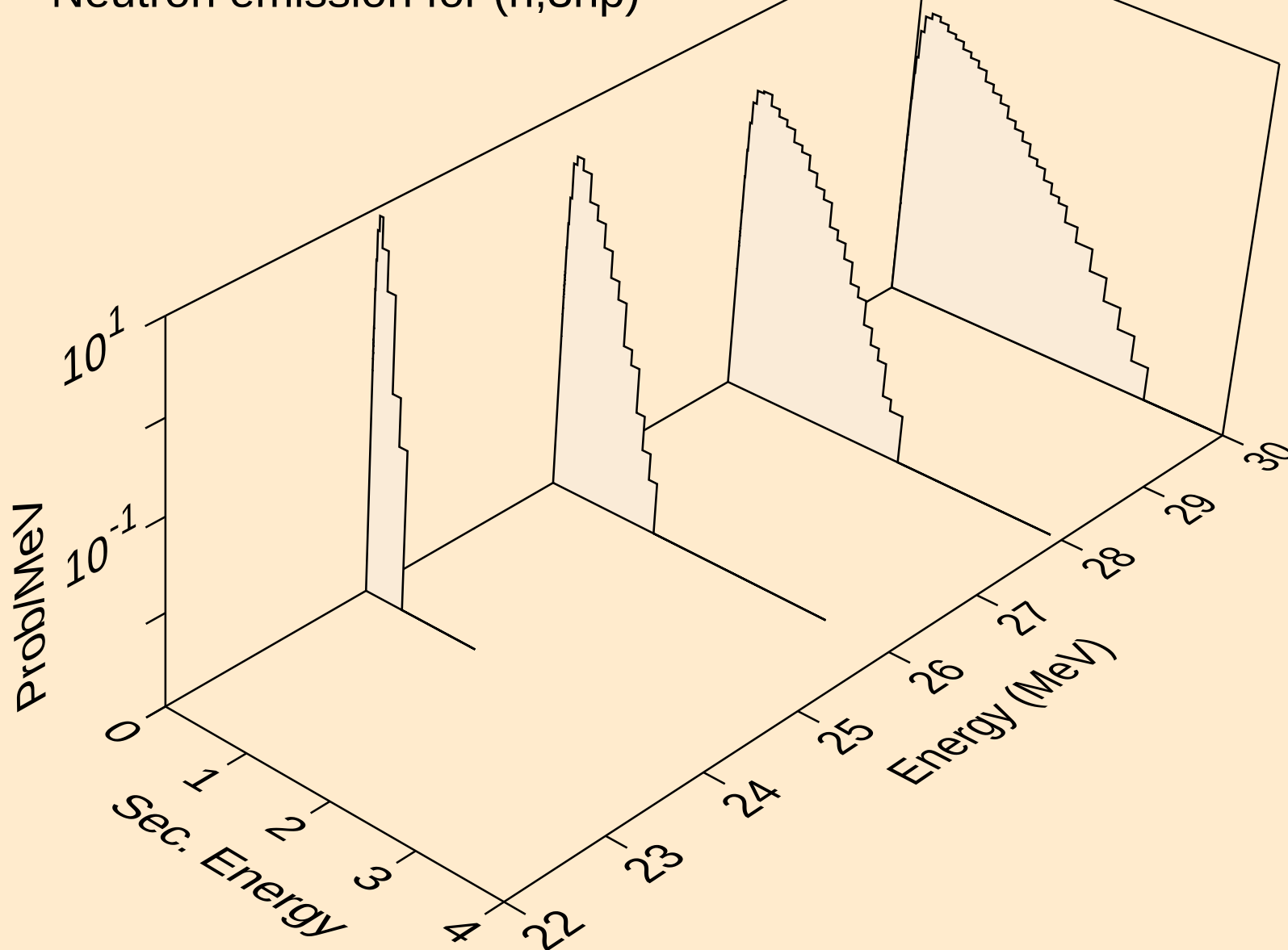
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



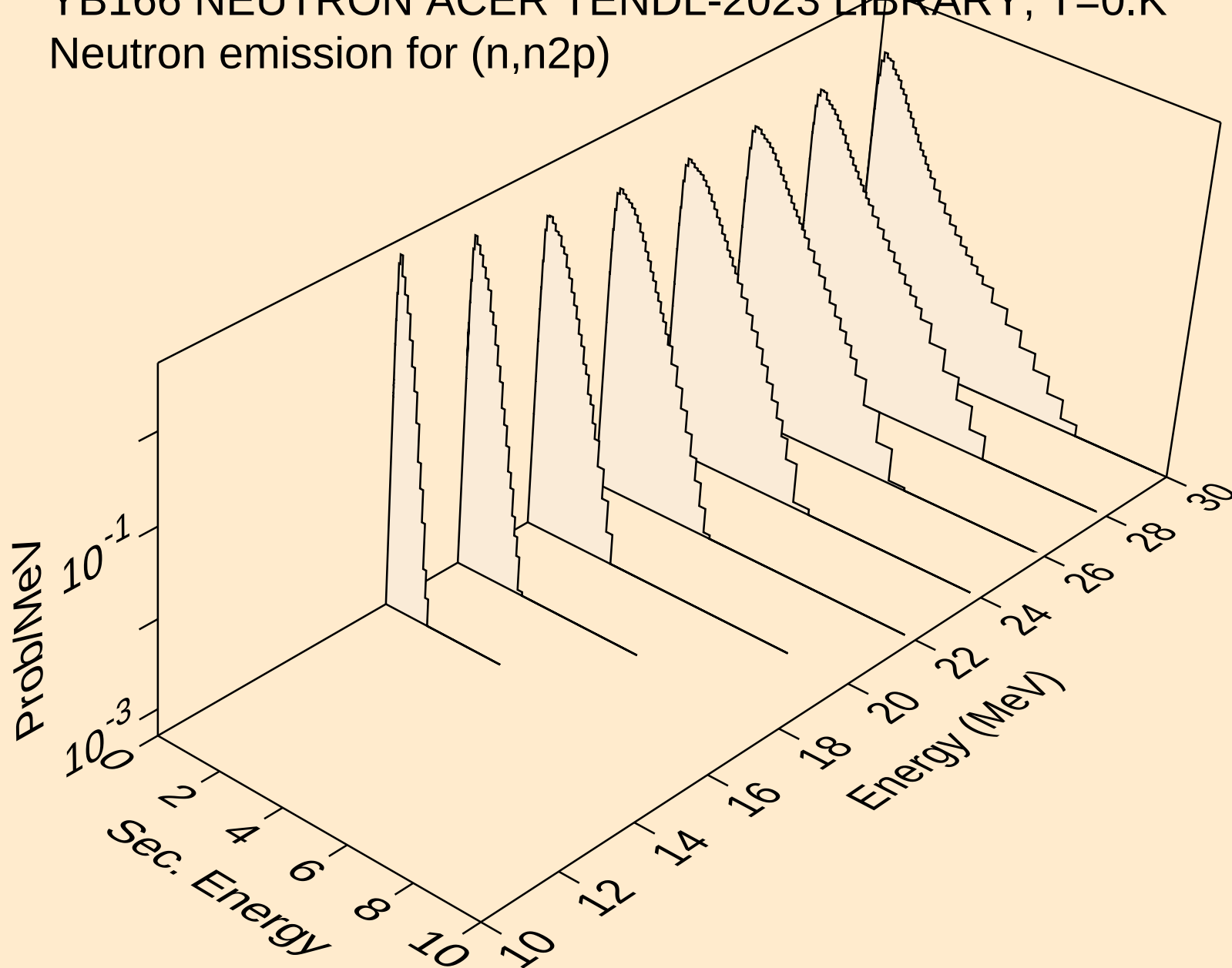
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



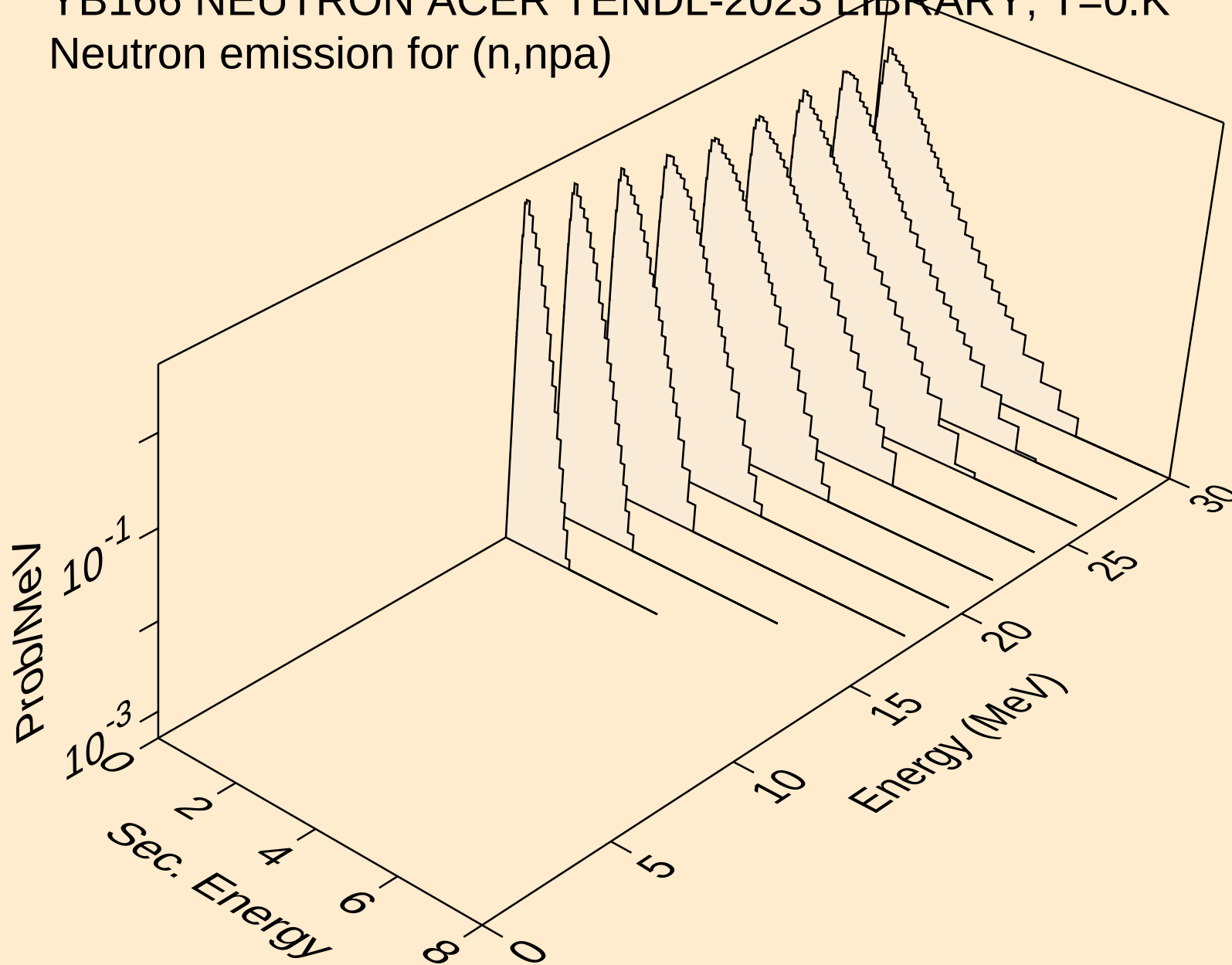
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Neutron emission for (n,3np)



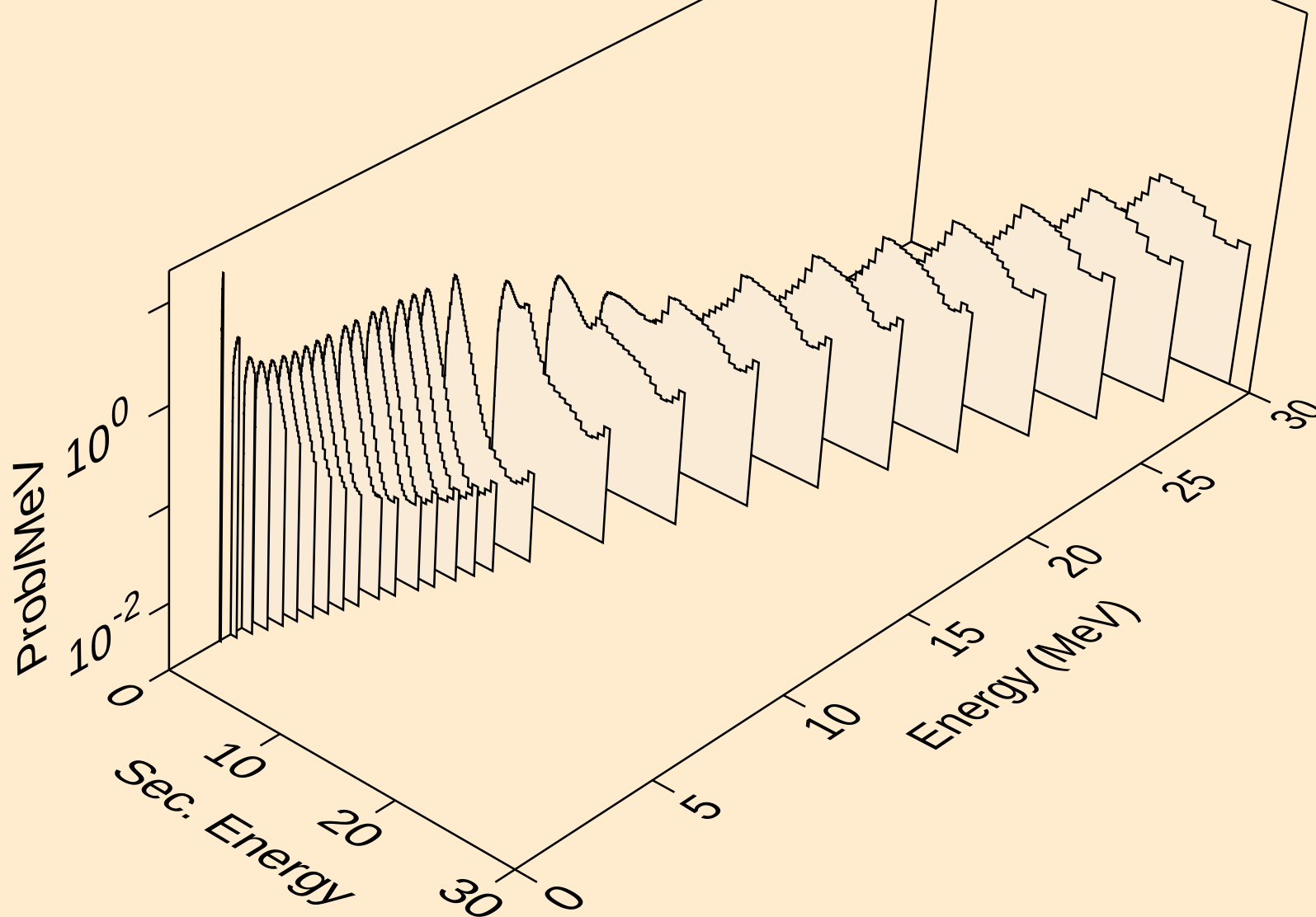
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Neutron emission for (n,n2p)



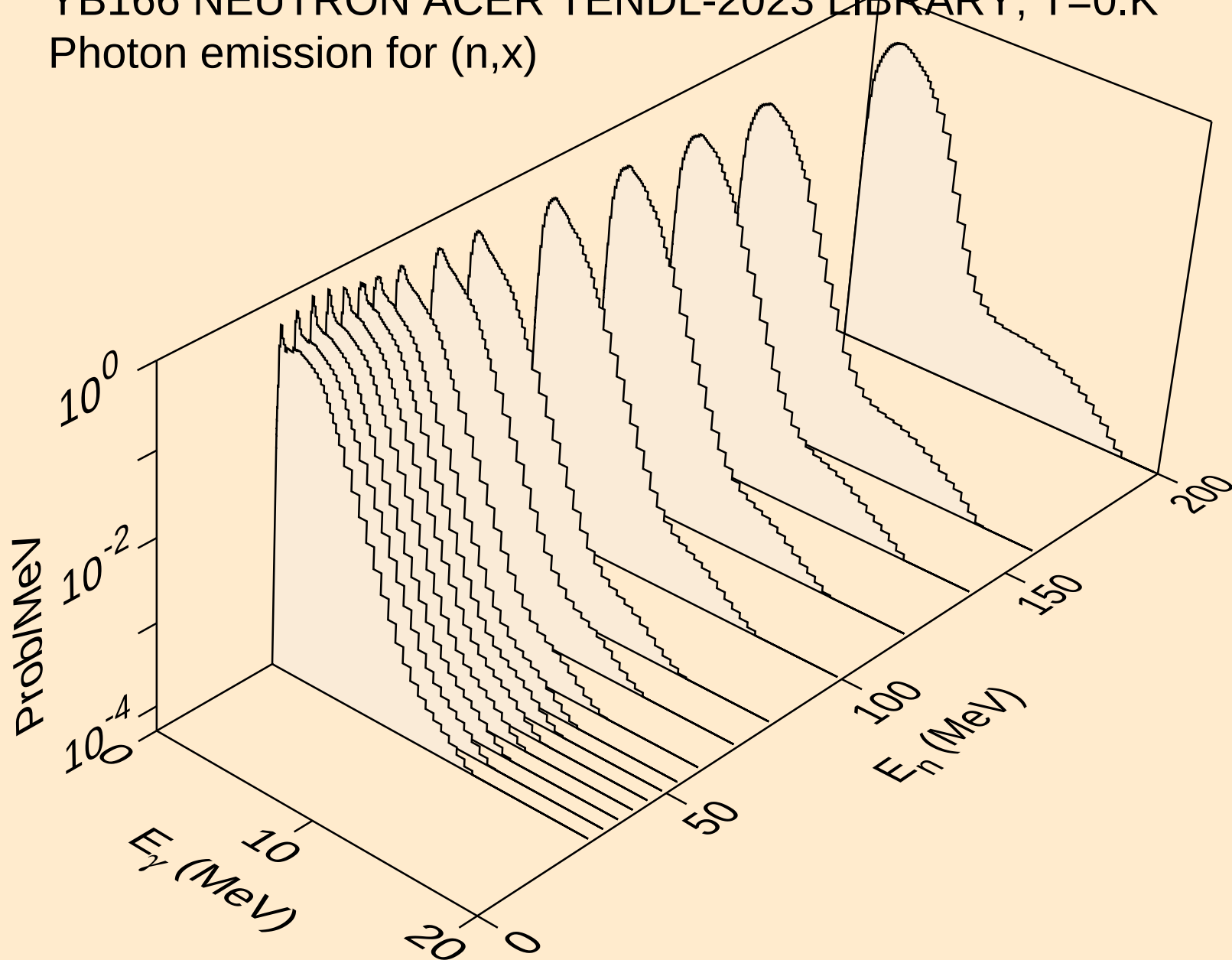
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Neutron emission for (n,npa)



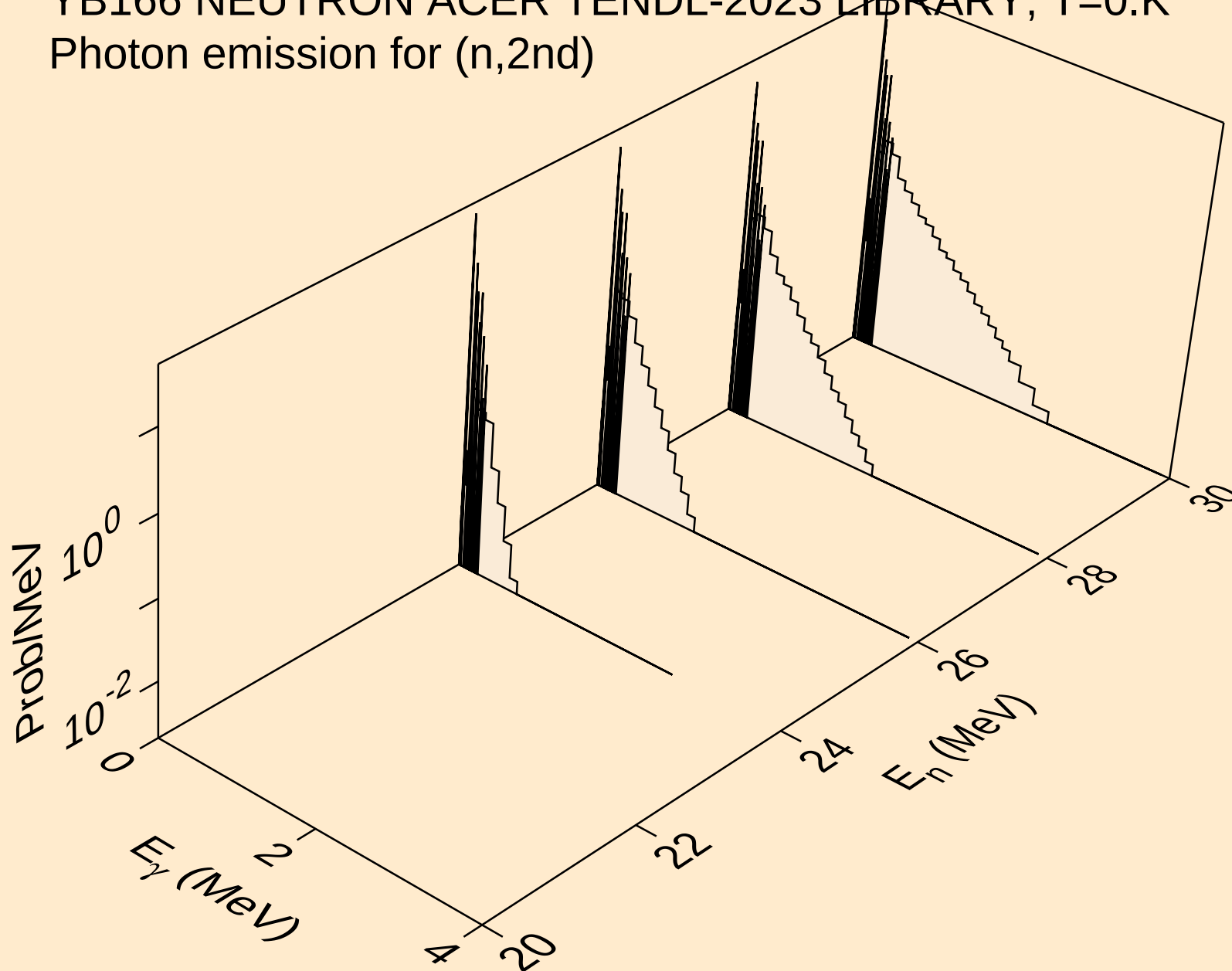
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



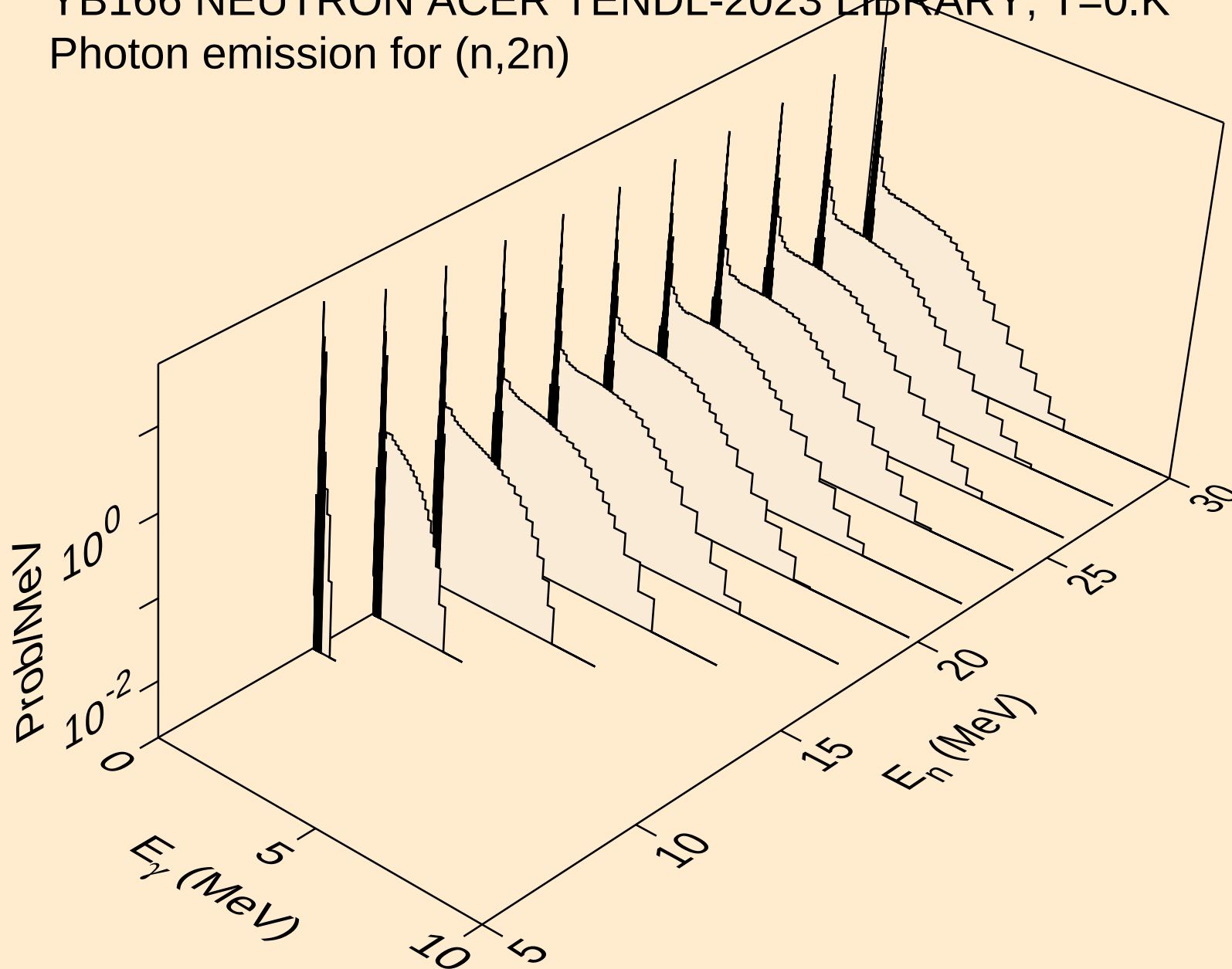
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



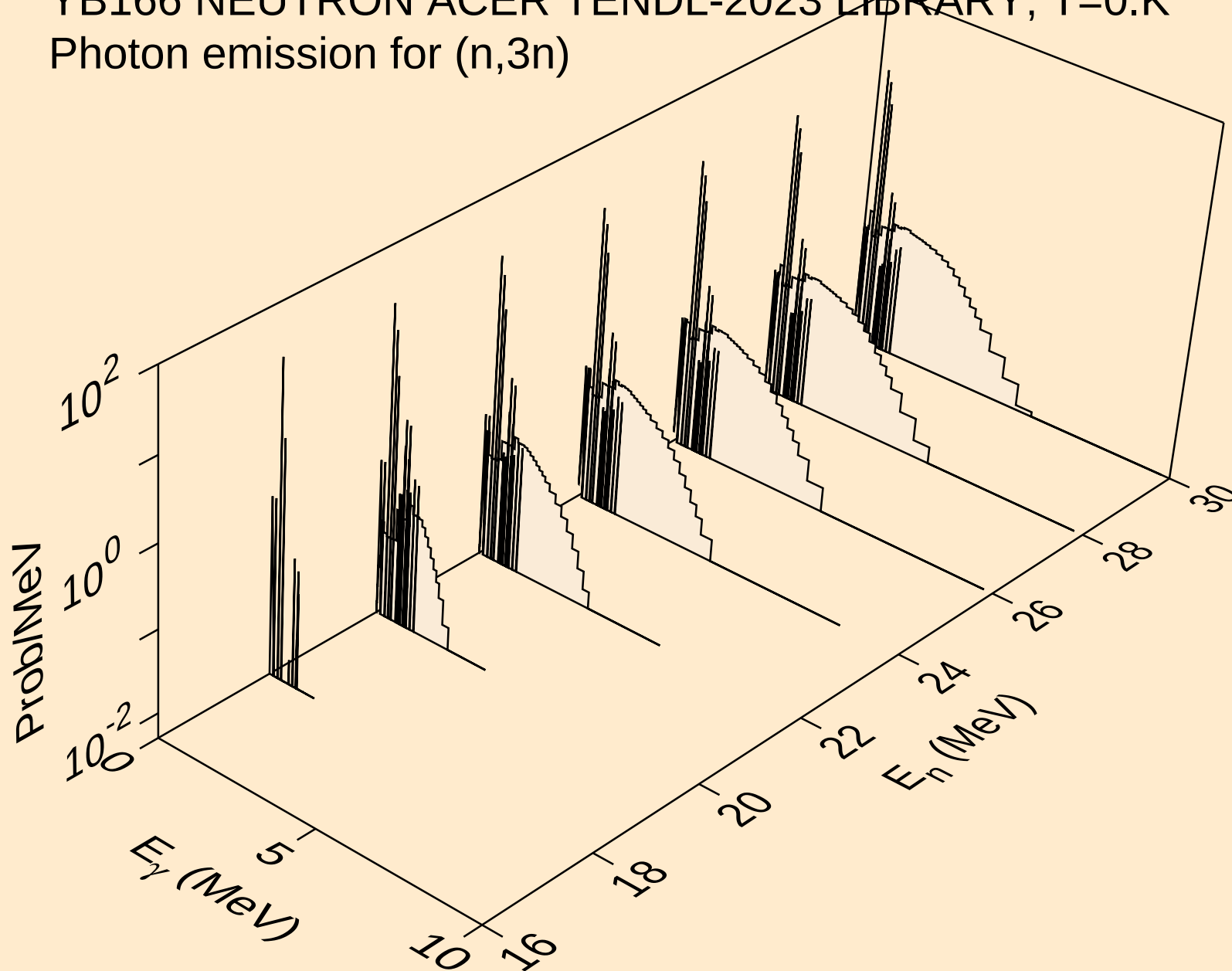
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

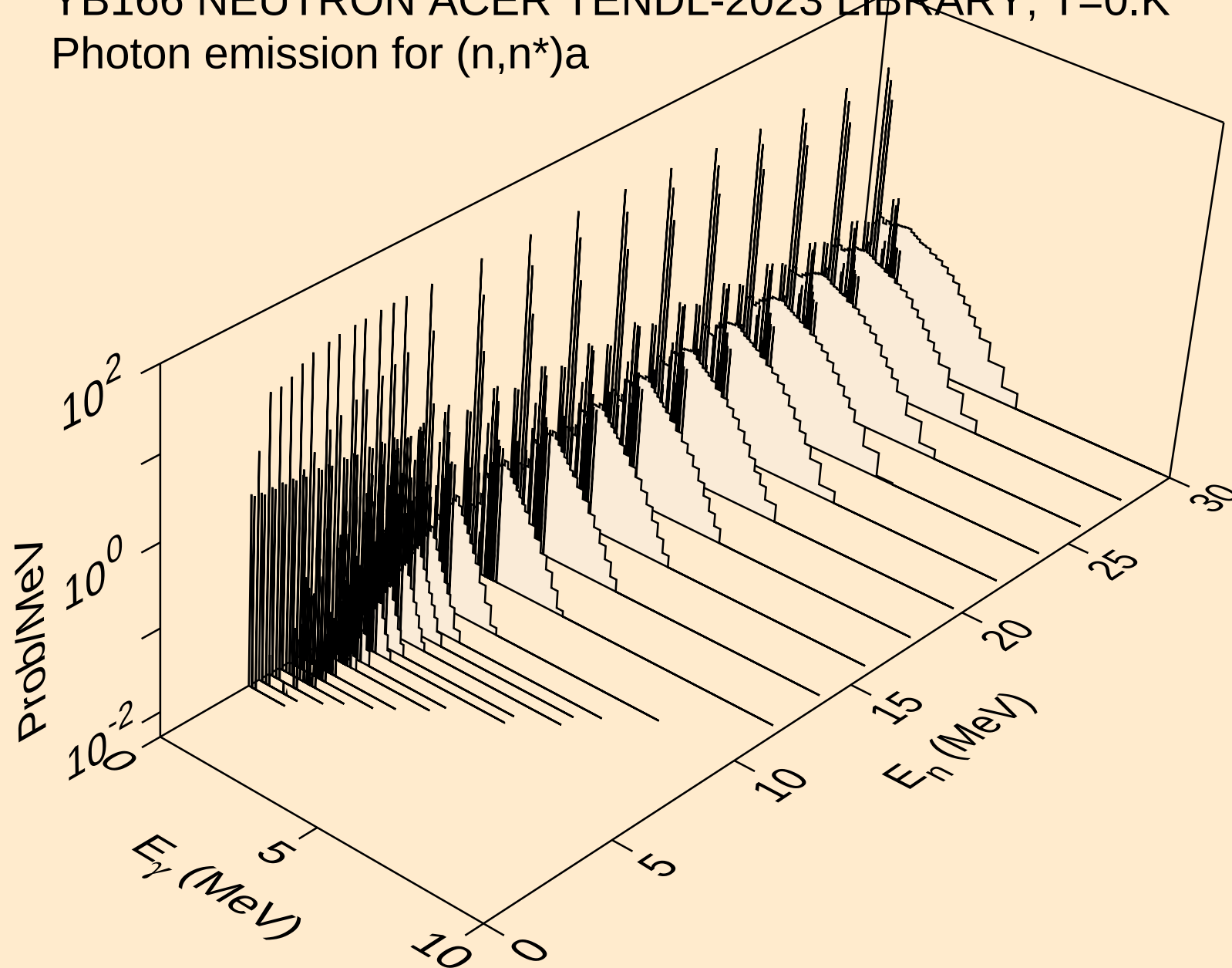


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



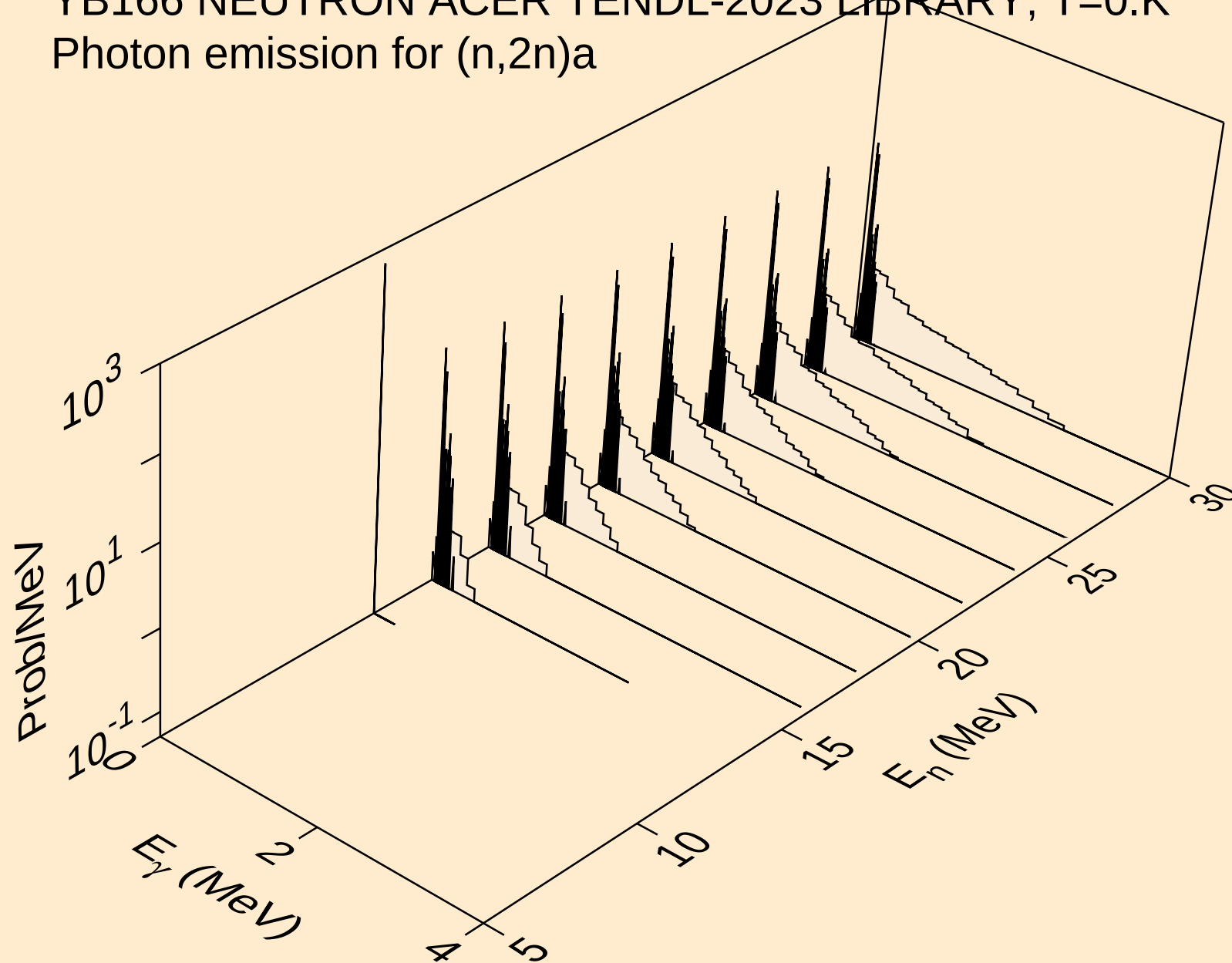
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



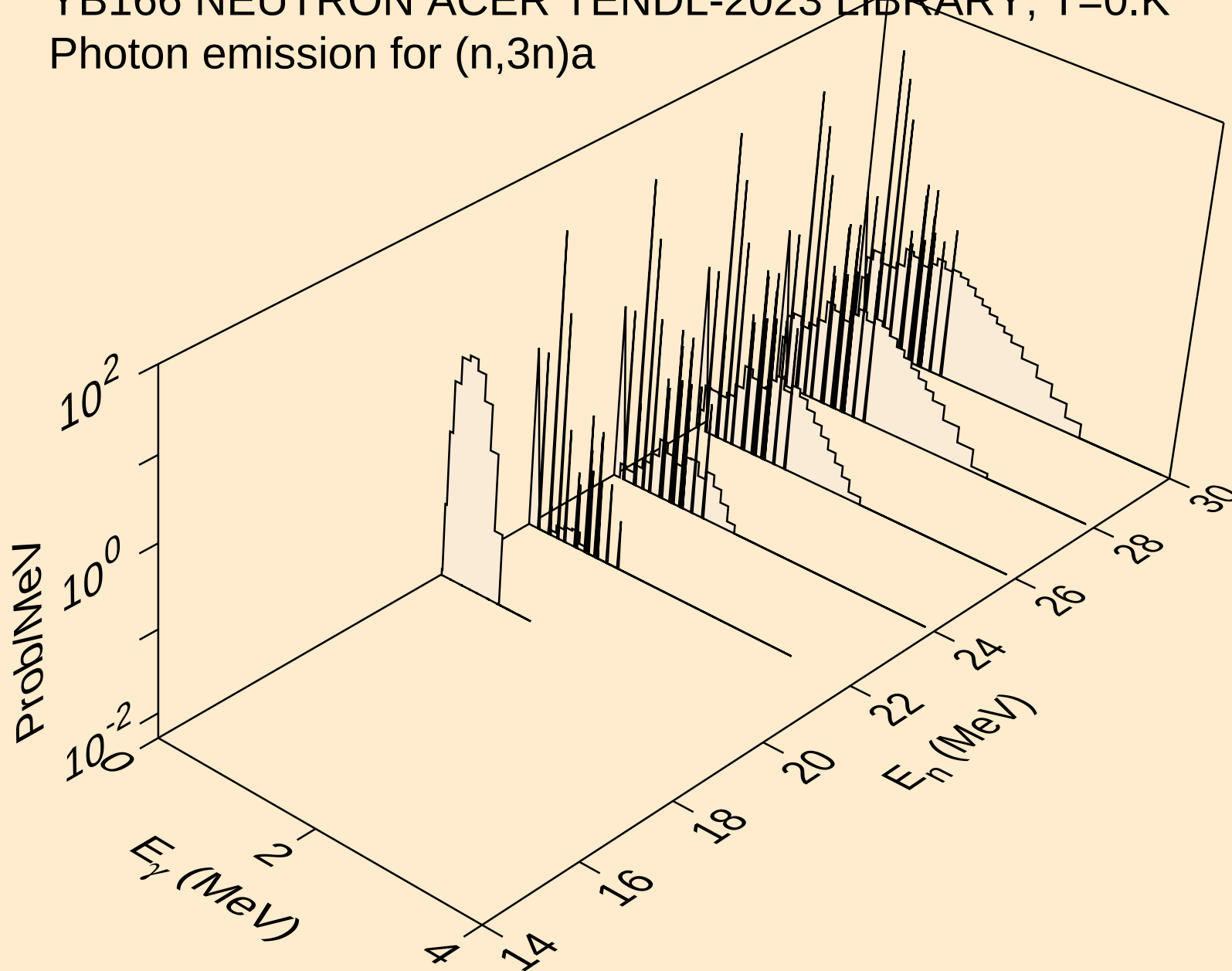
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

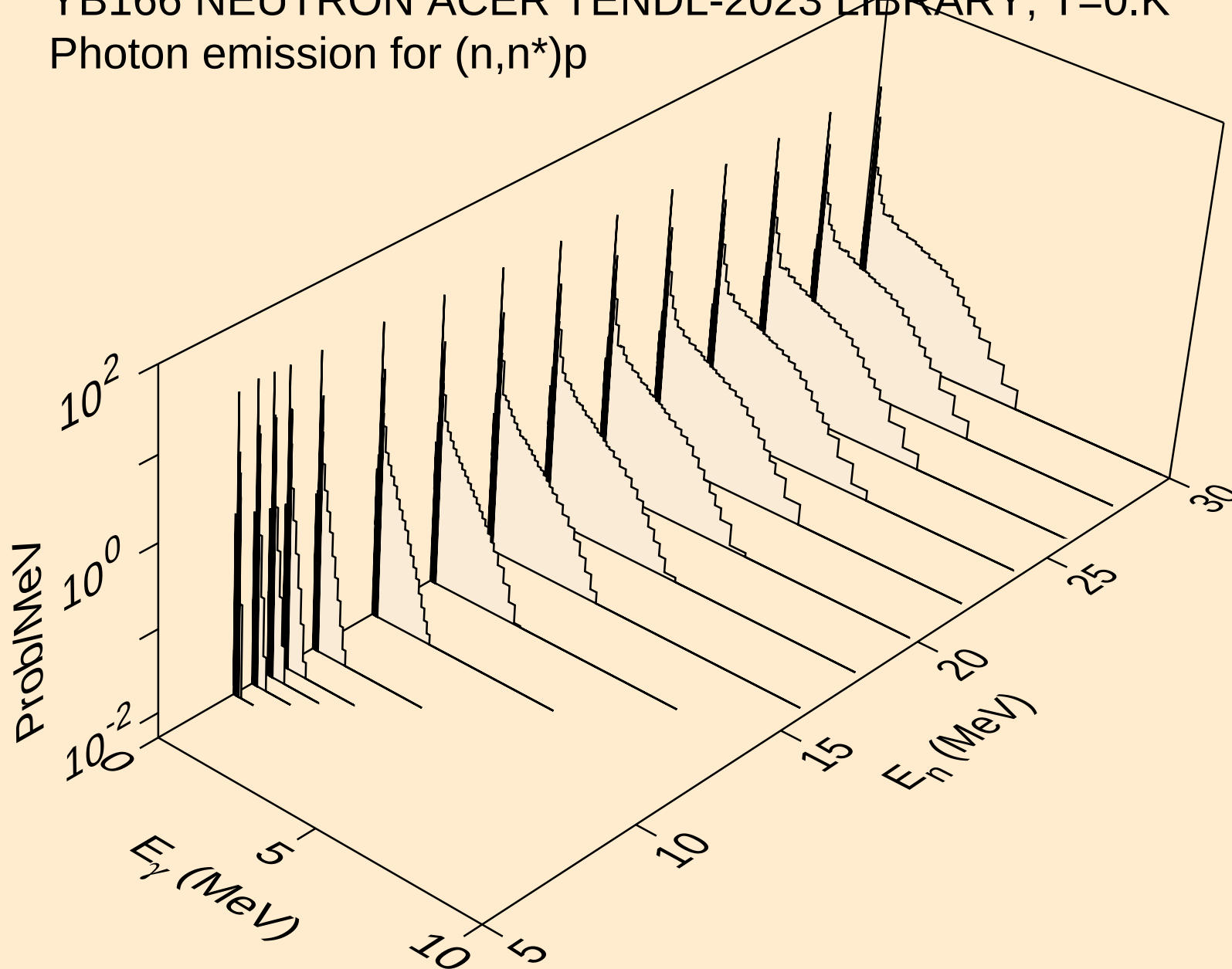


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

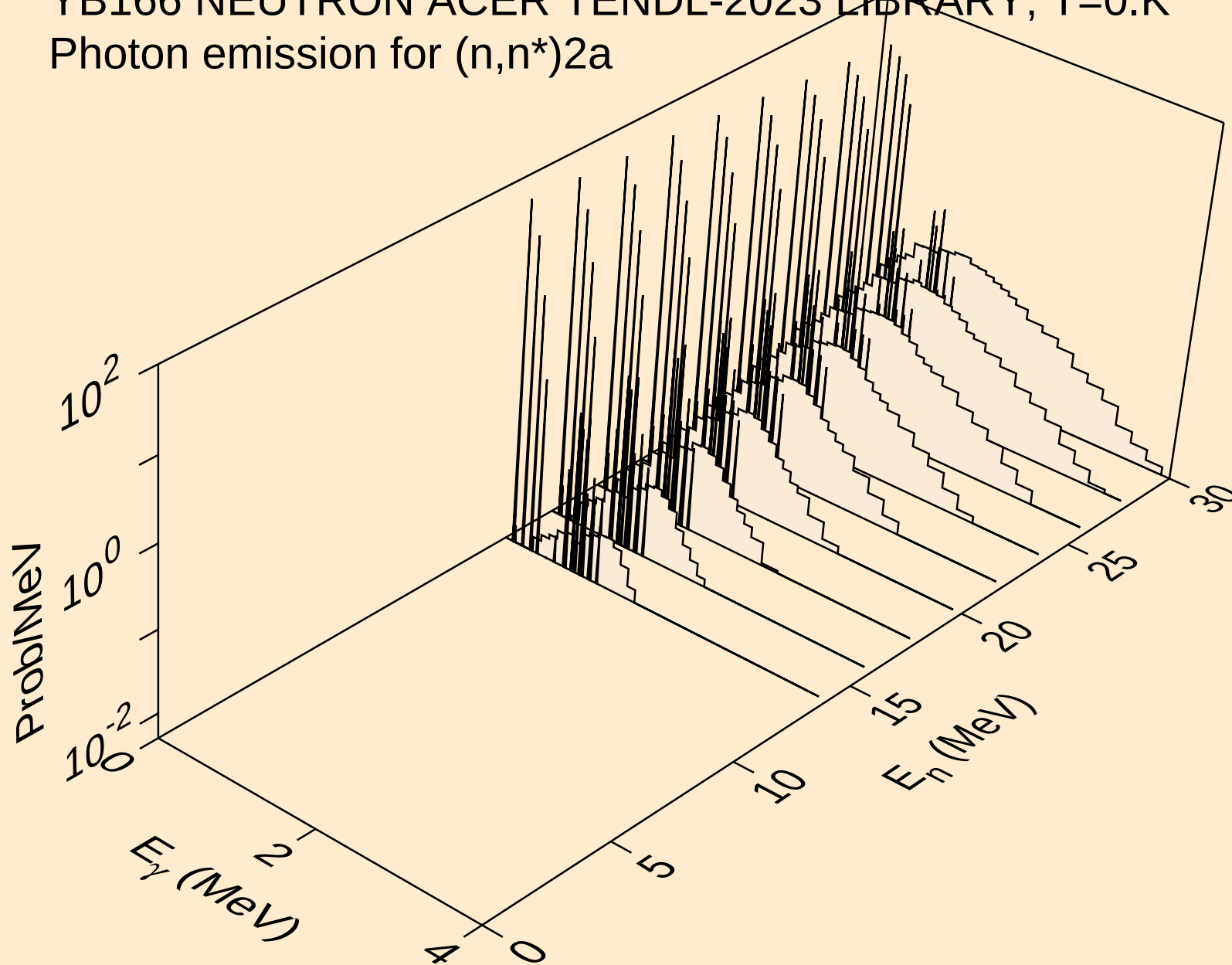
Photon emission for (n,3n) $\alpha$



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

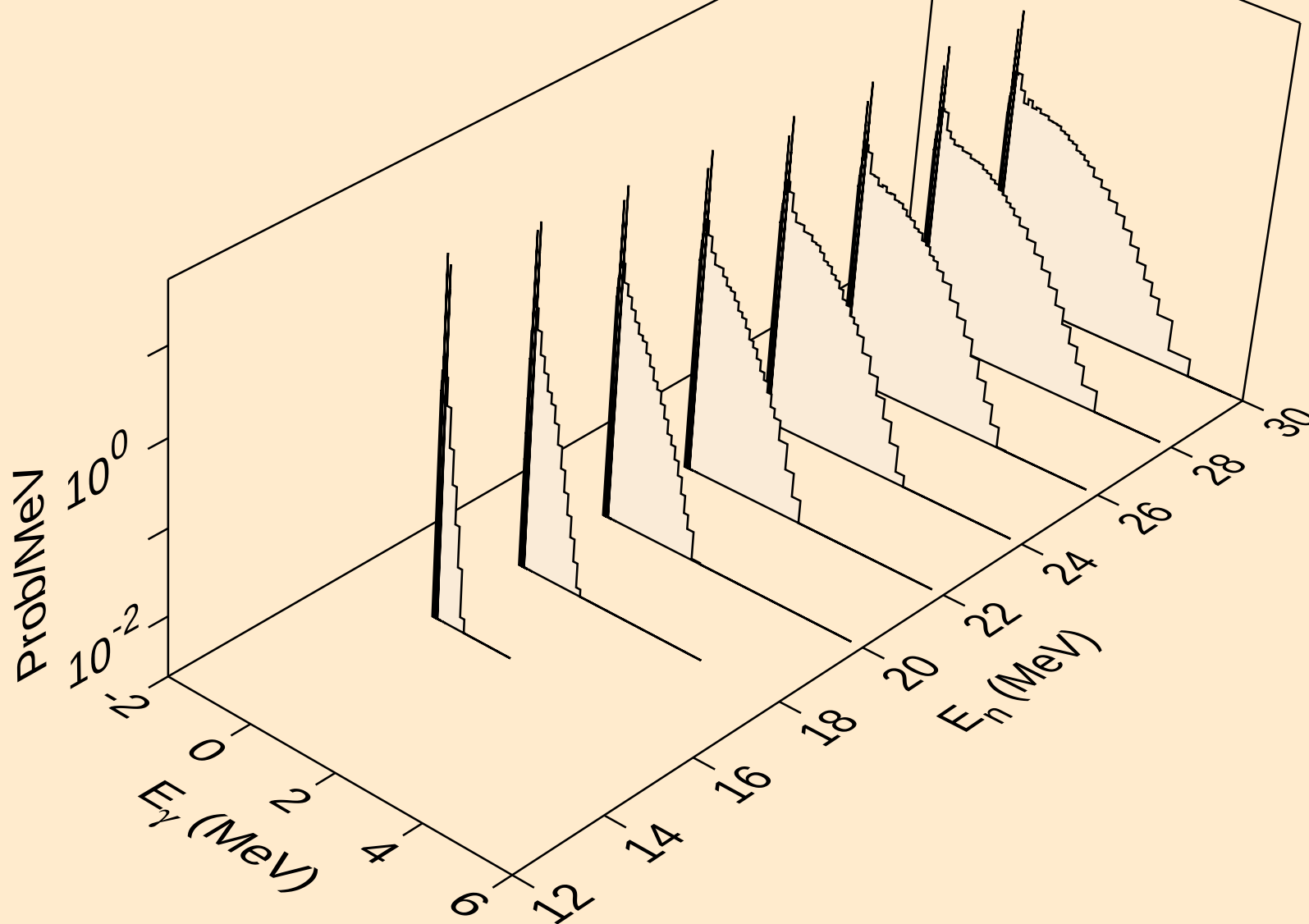


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



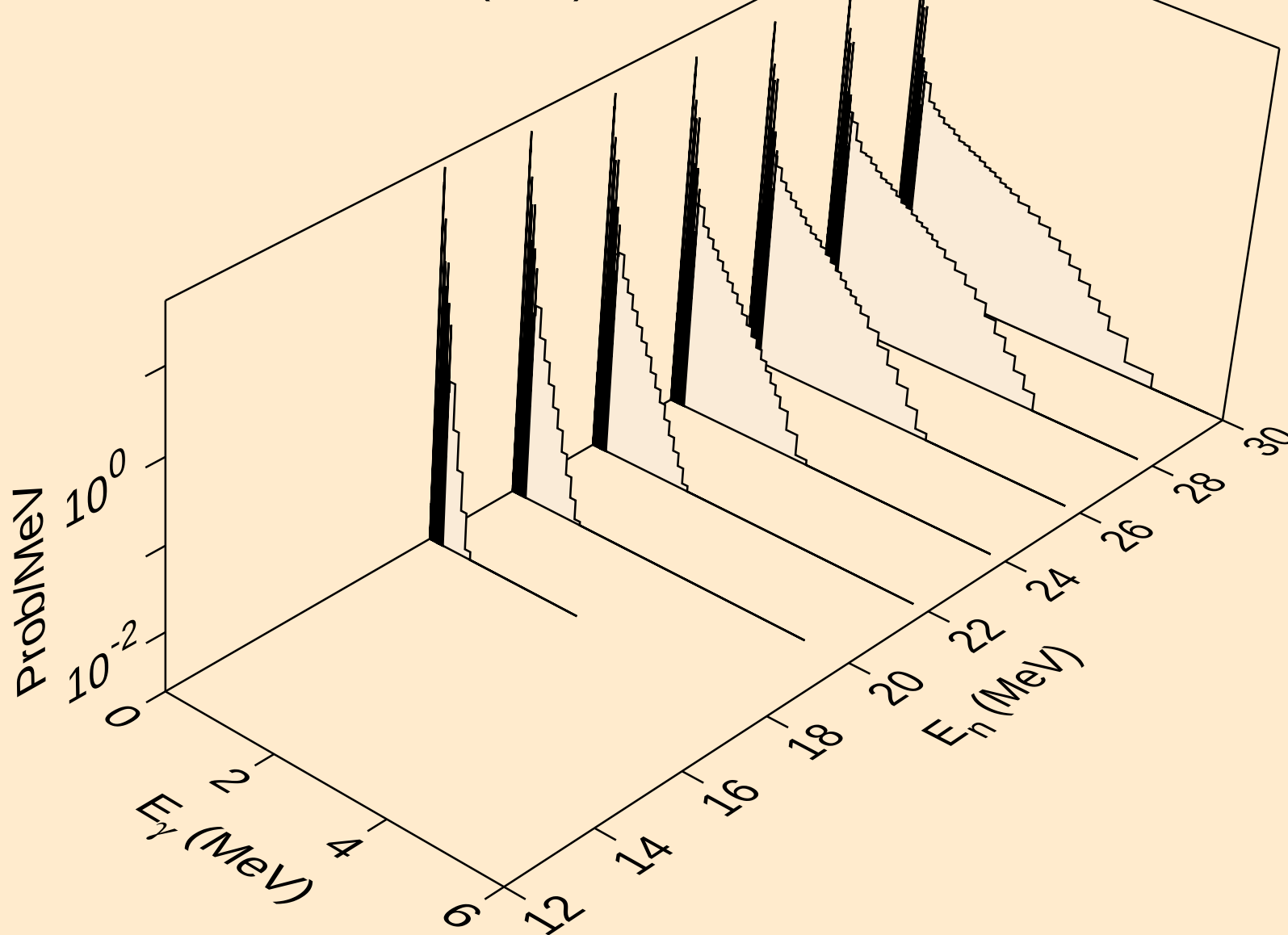
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d



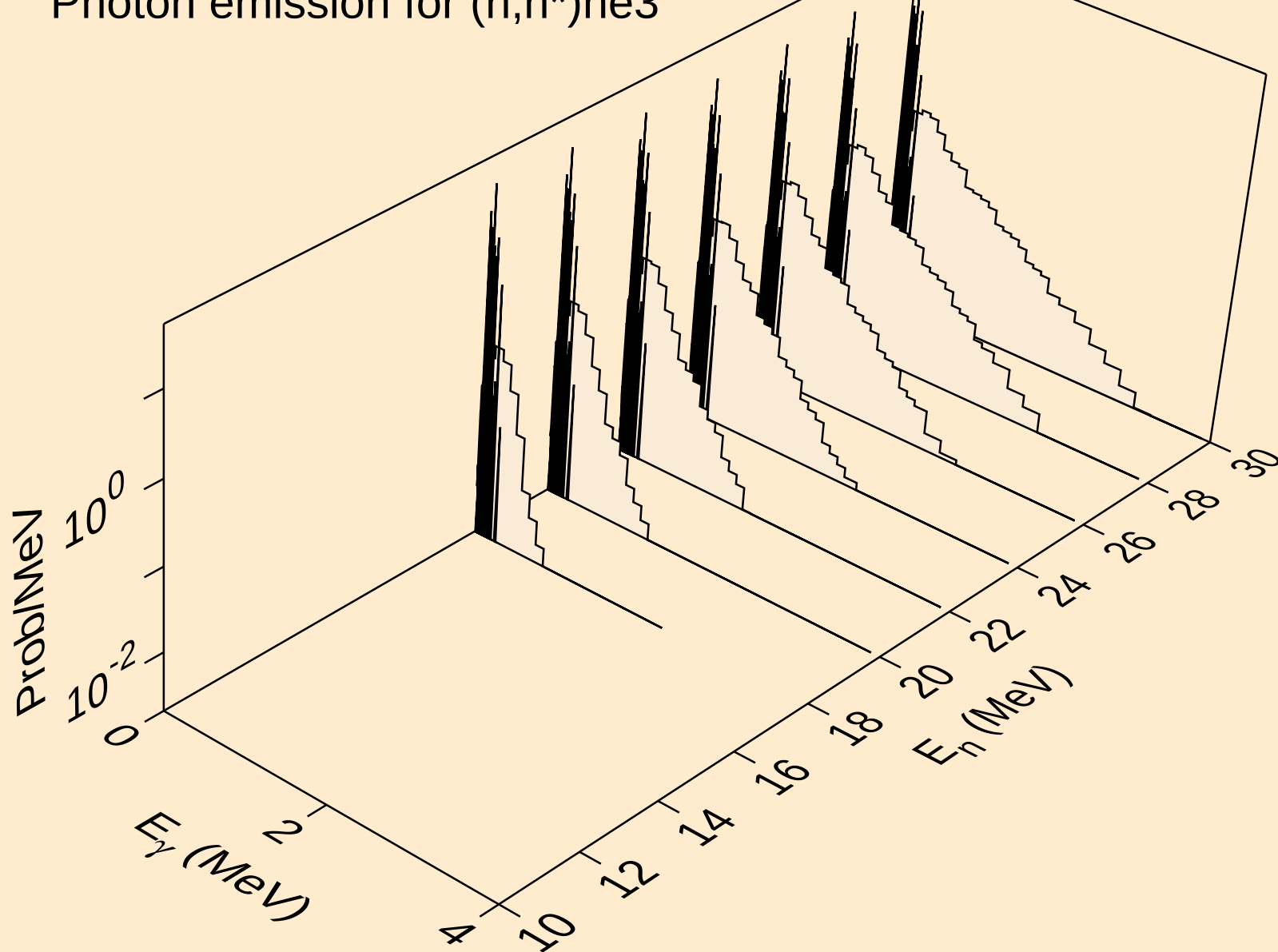
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

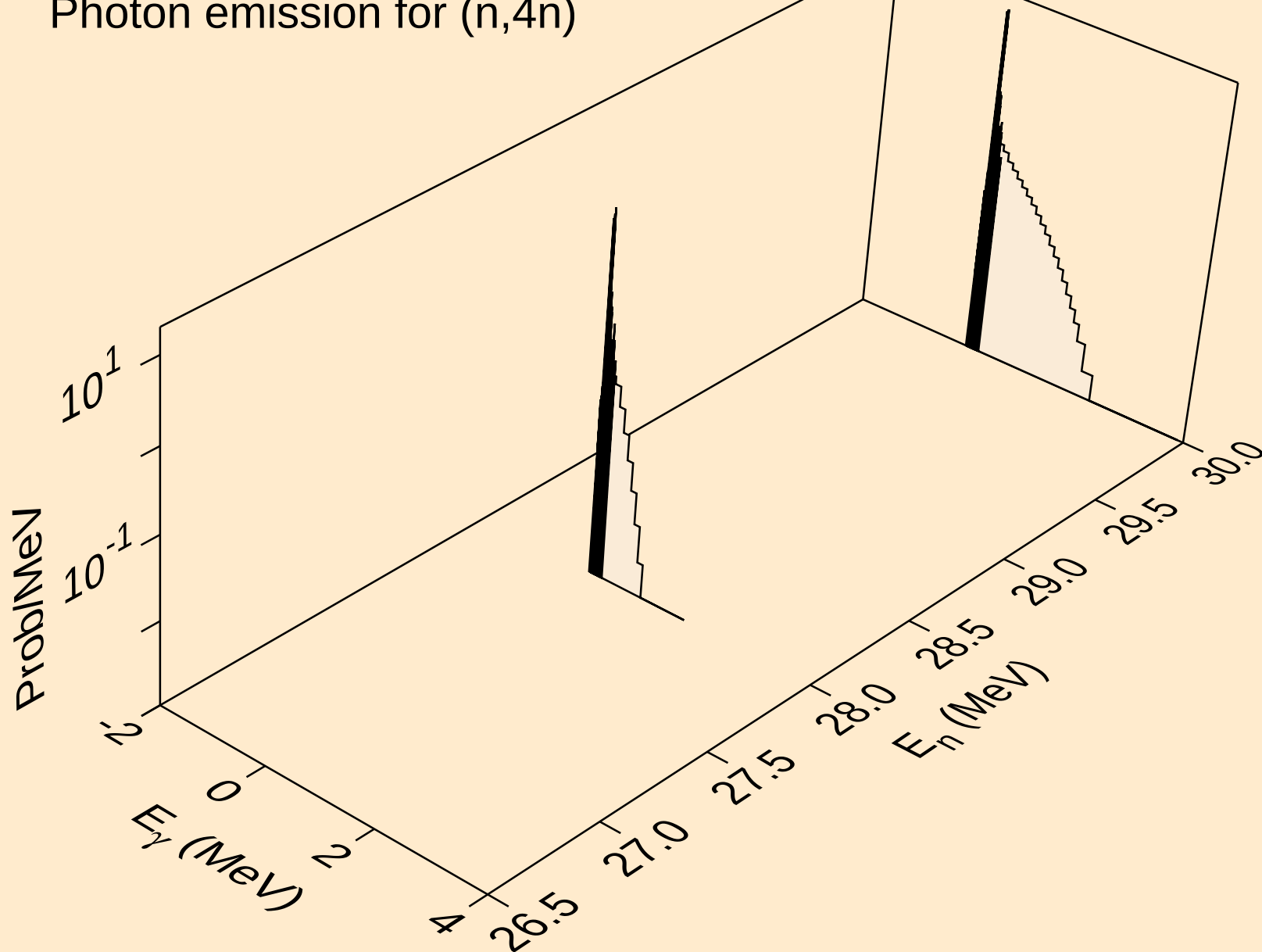


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

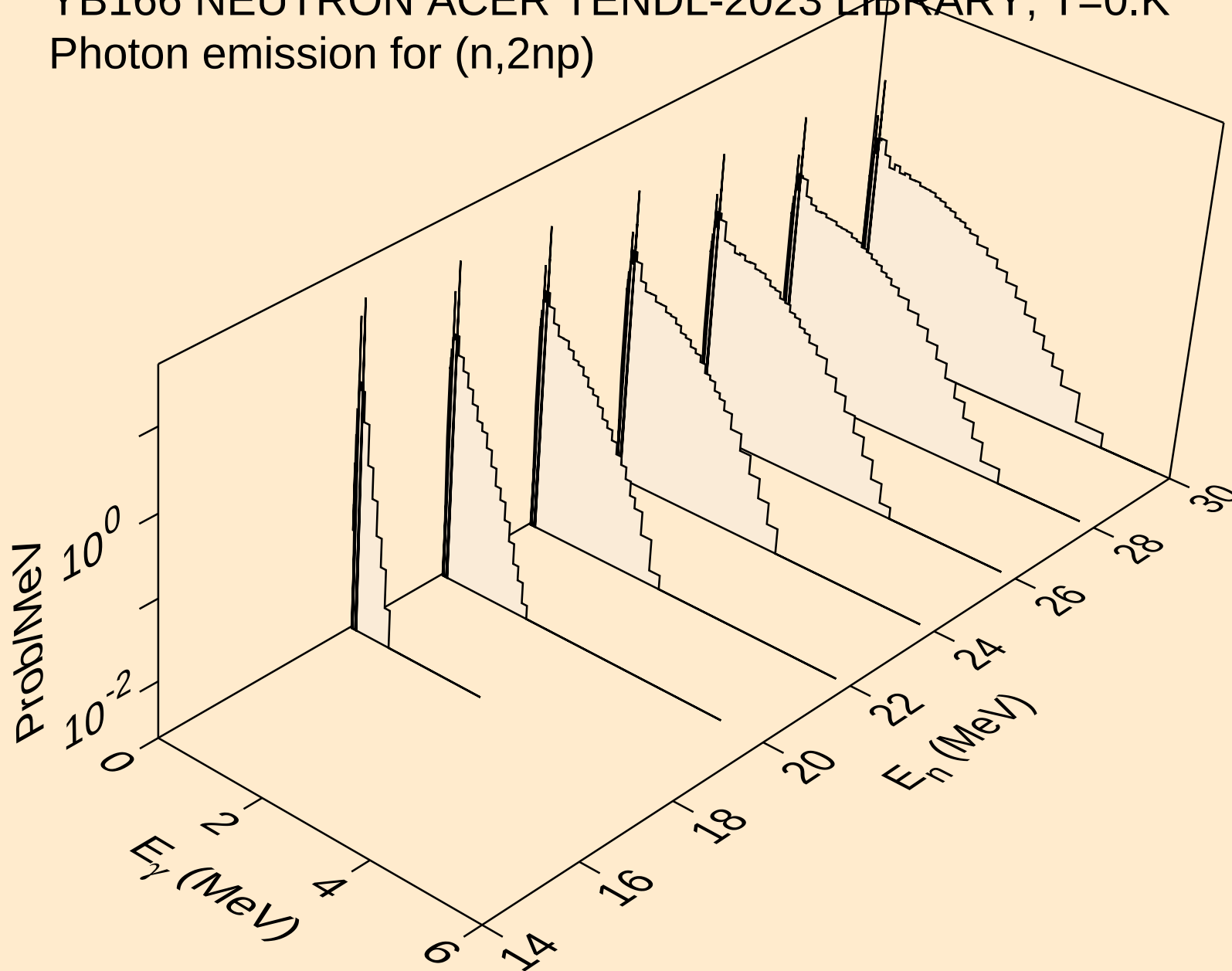
Photon emission for (n,n\*)he3



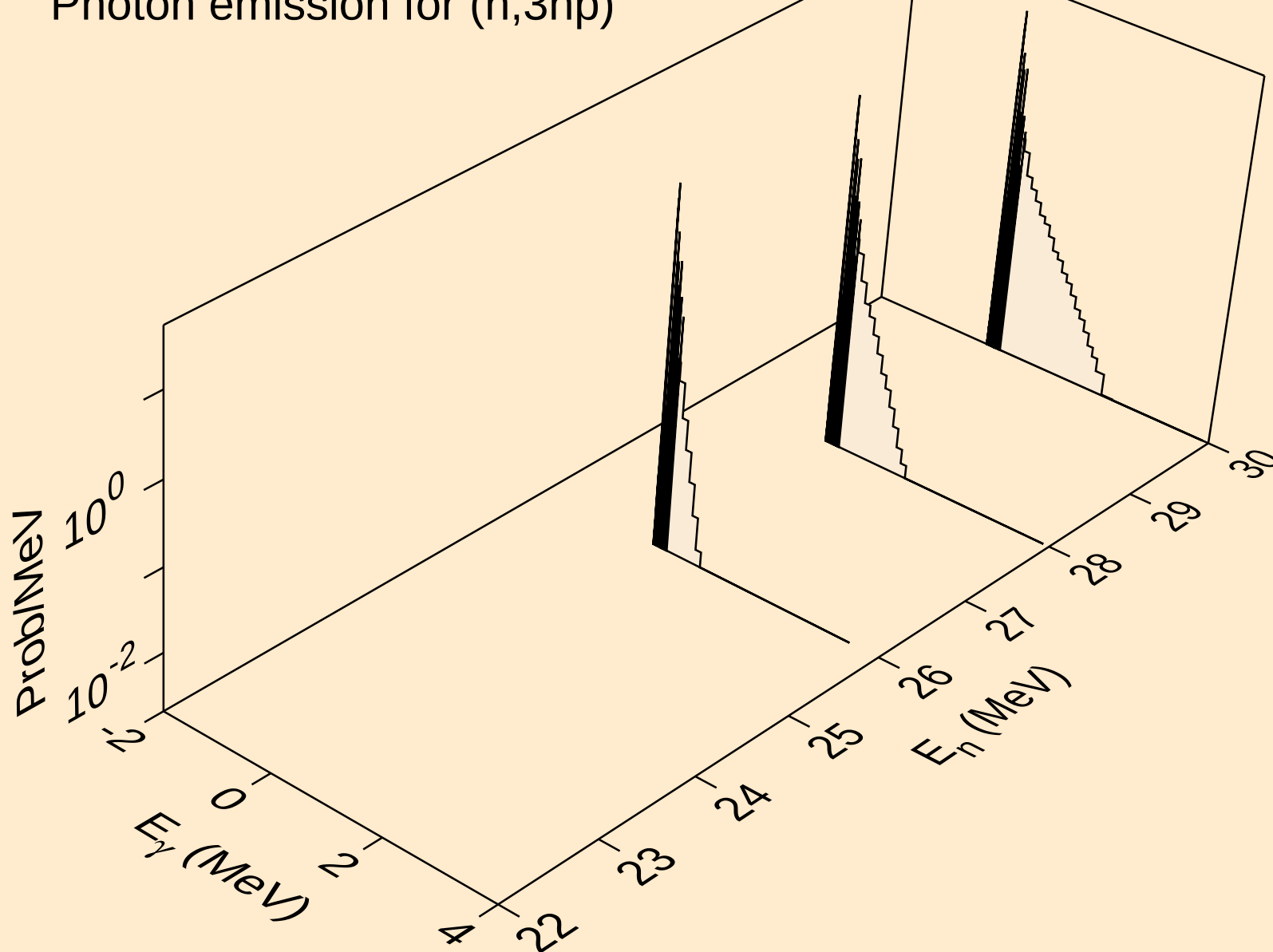
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



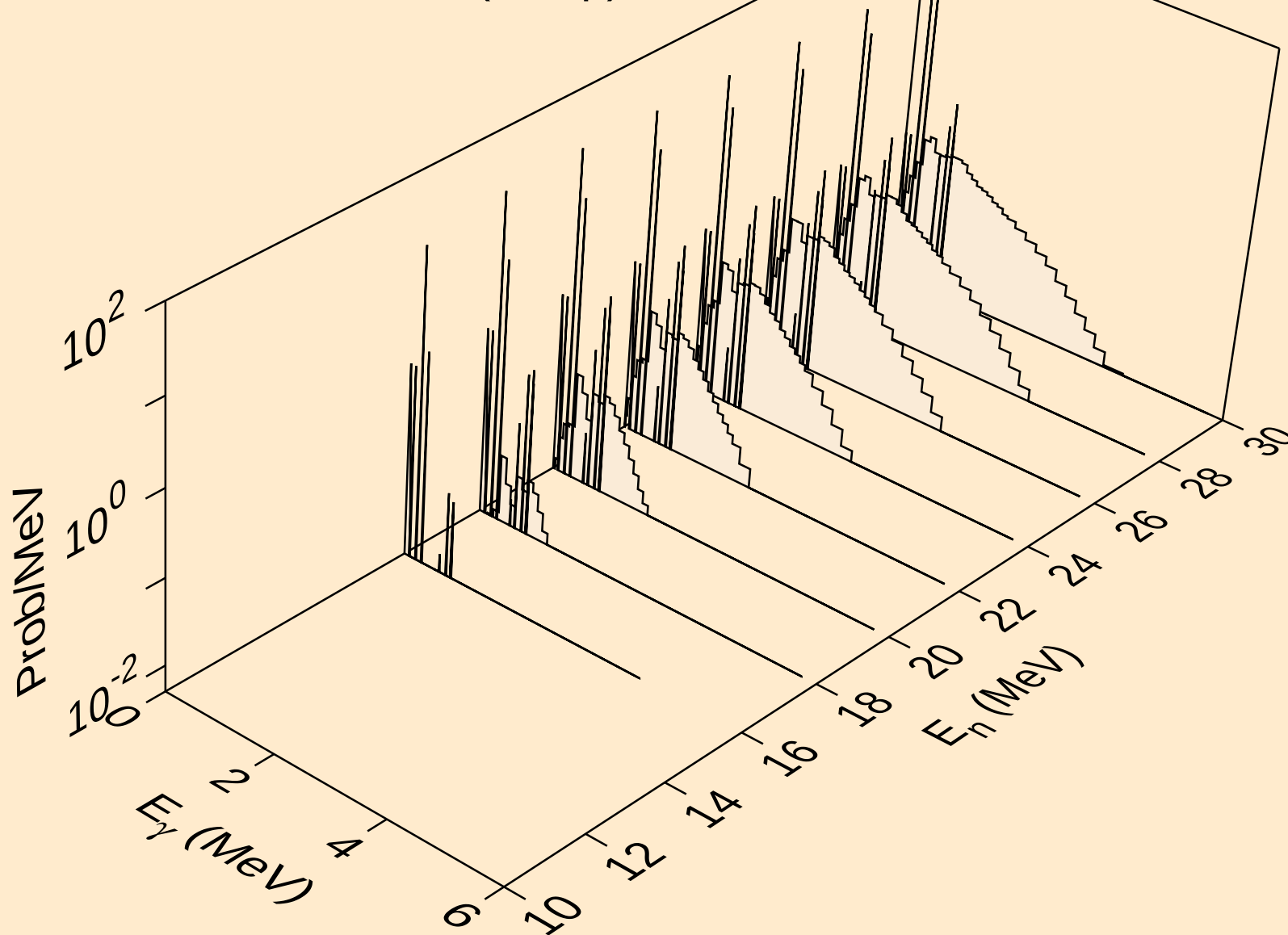
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Photon emission for (n,2np)



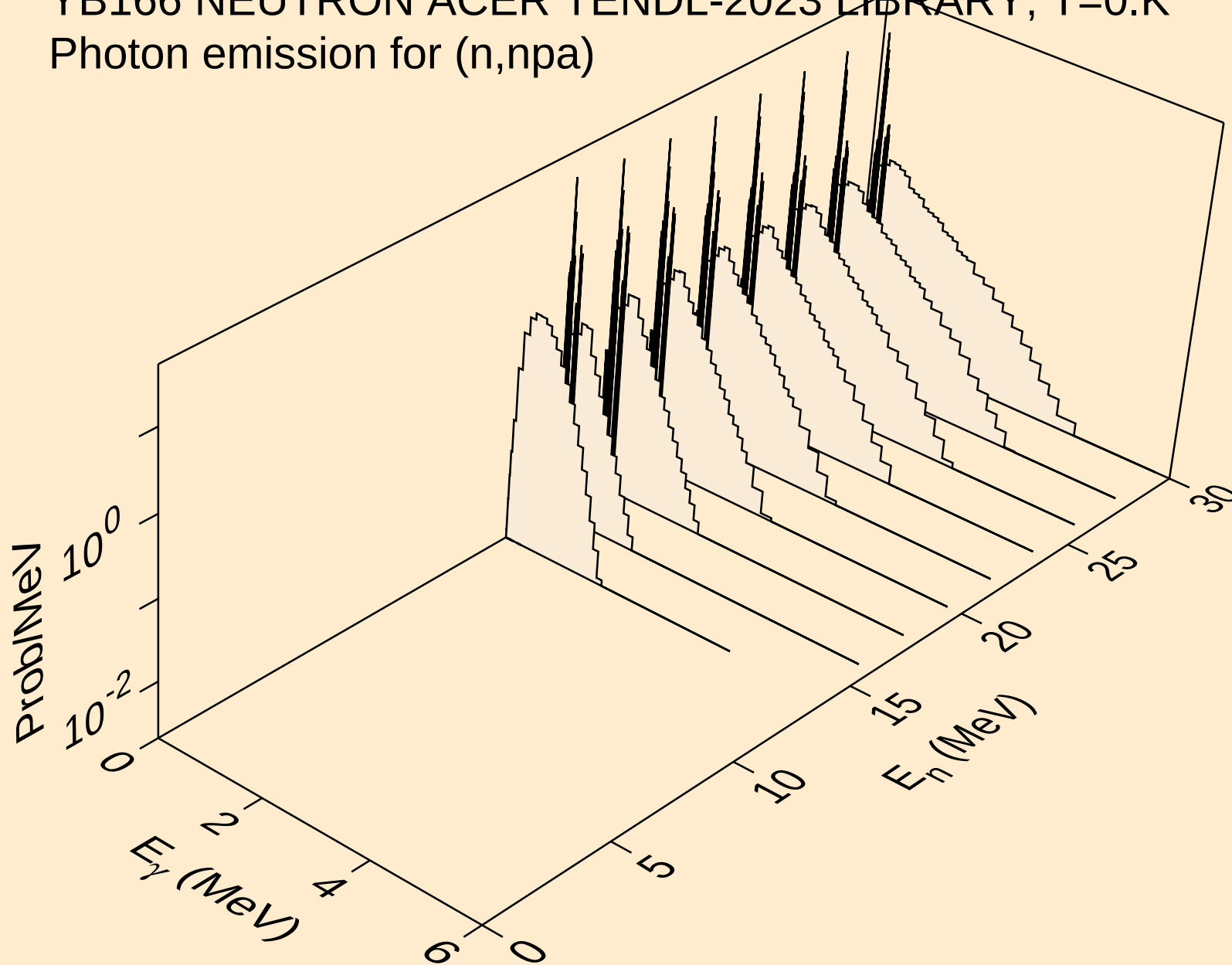
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Photon emission for (n,3np)



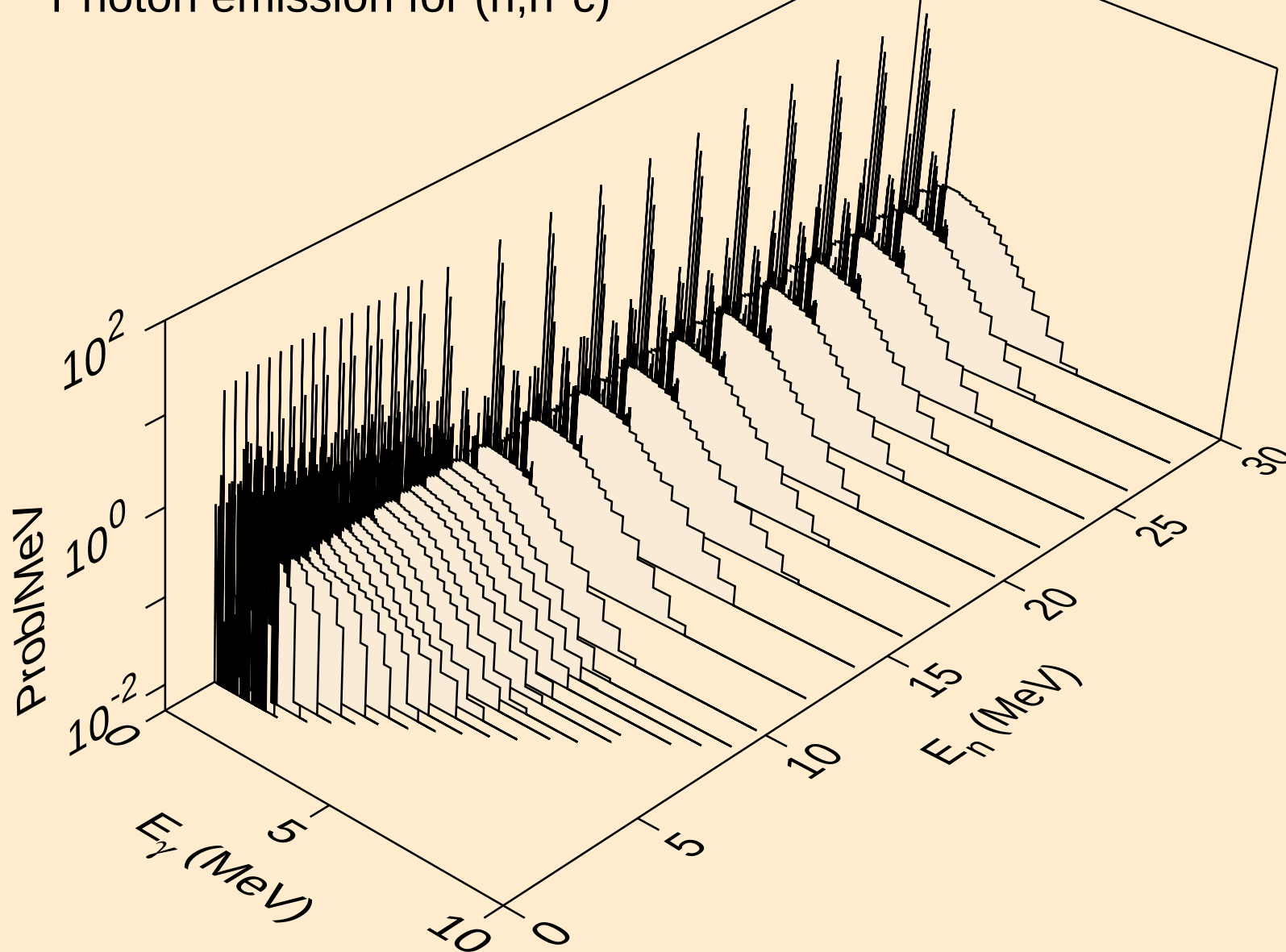
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Photon emission for (n,n2p)



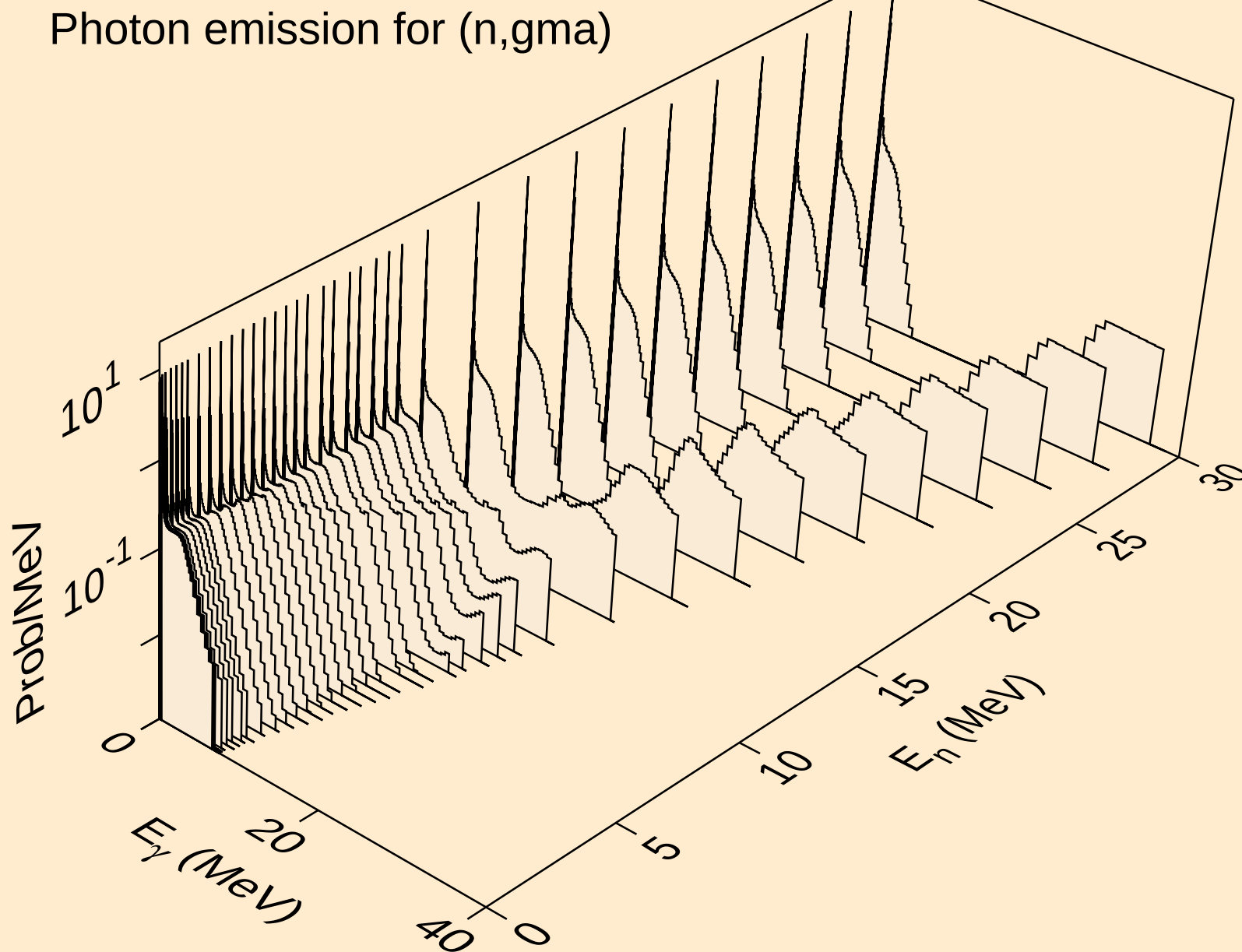
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Photon emission for (n,npa)



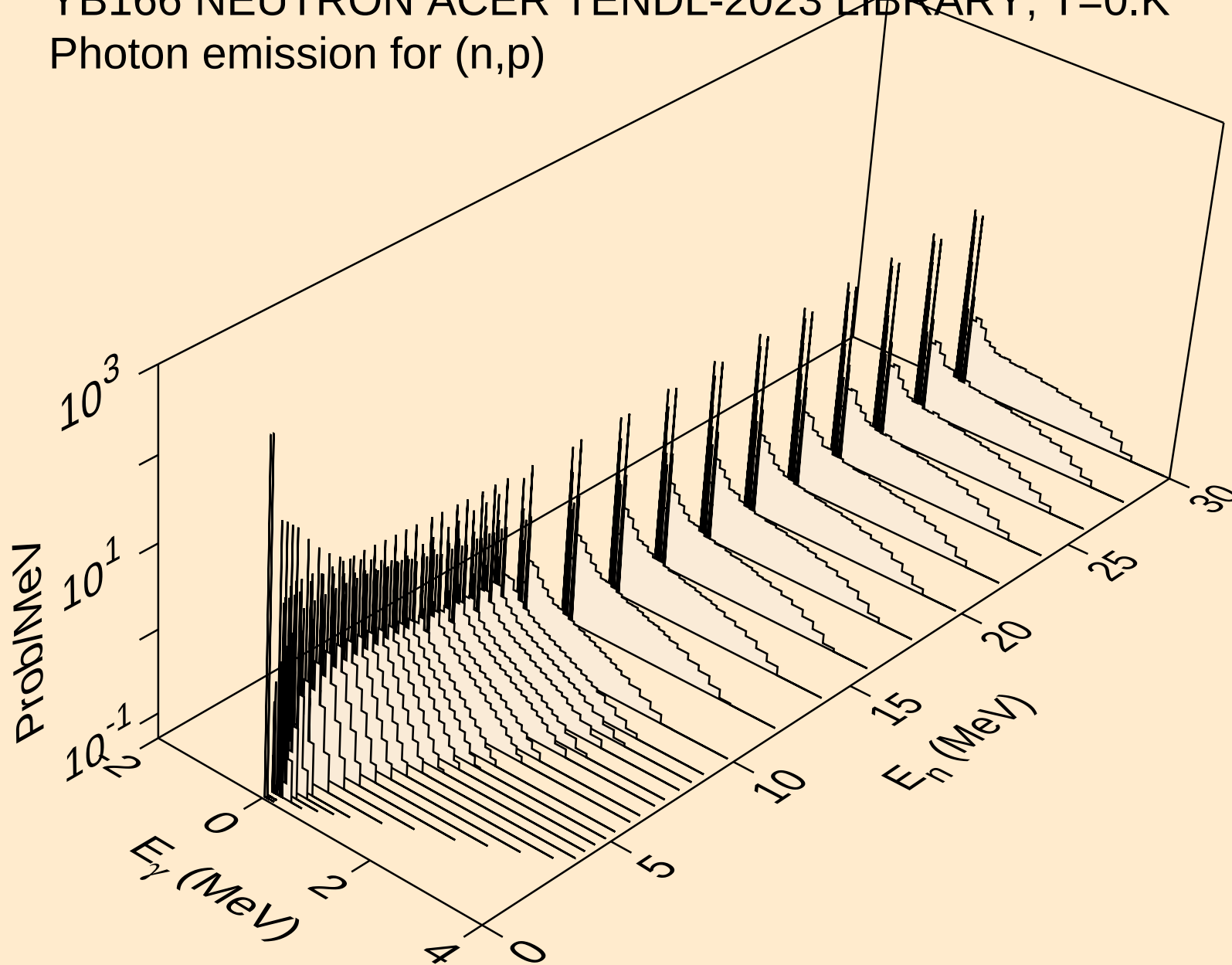
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Photon emission for (n,n\*c)



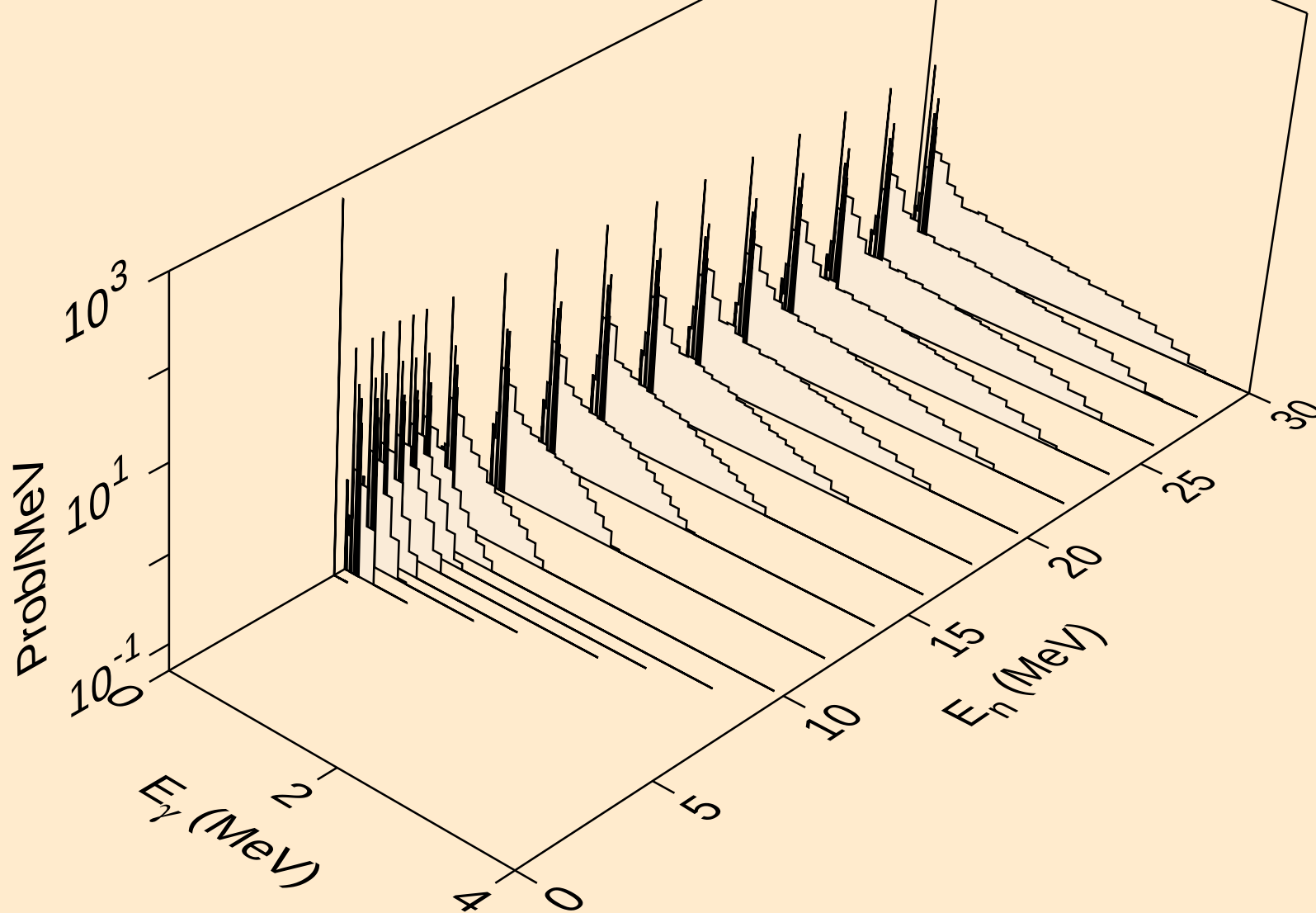
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Photon emission for (n,gma)



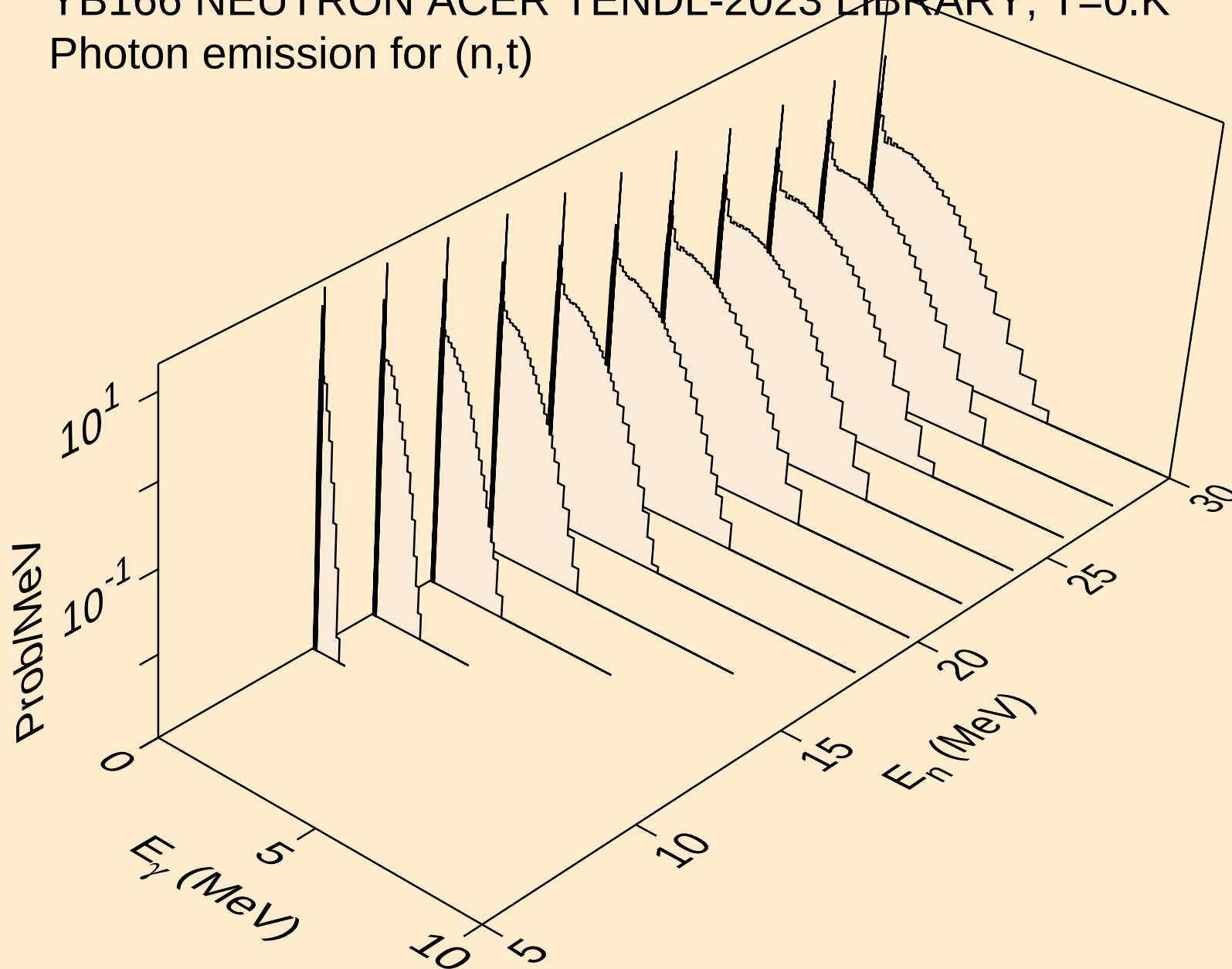
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Photon emission for (n,p)



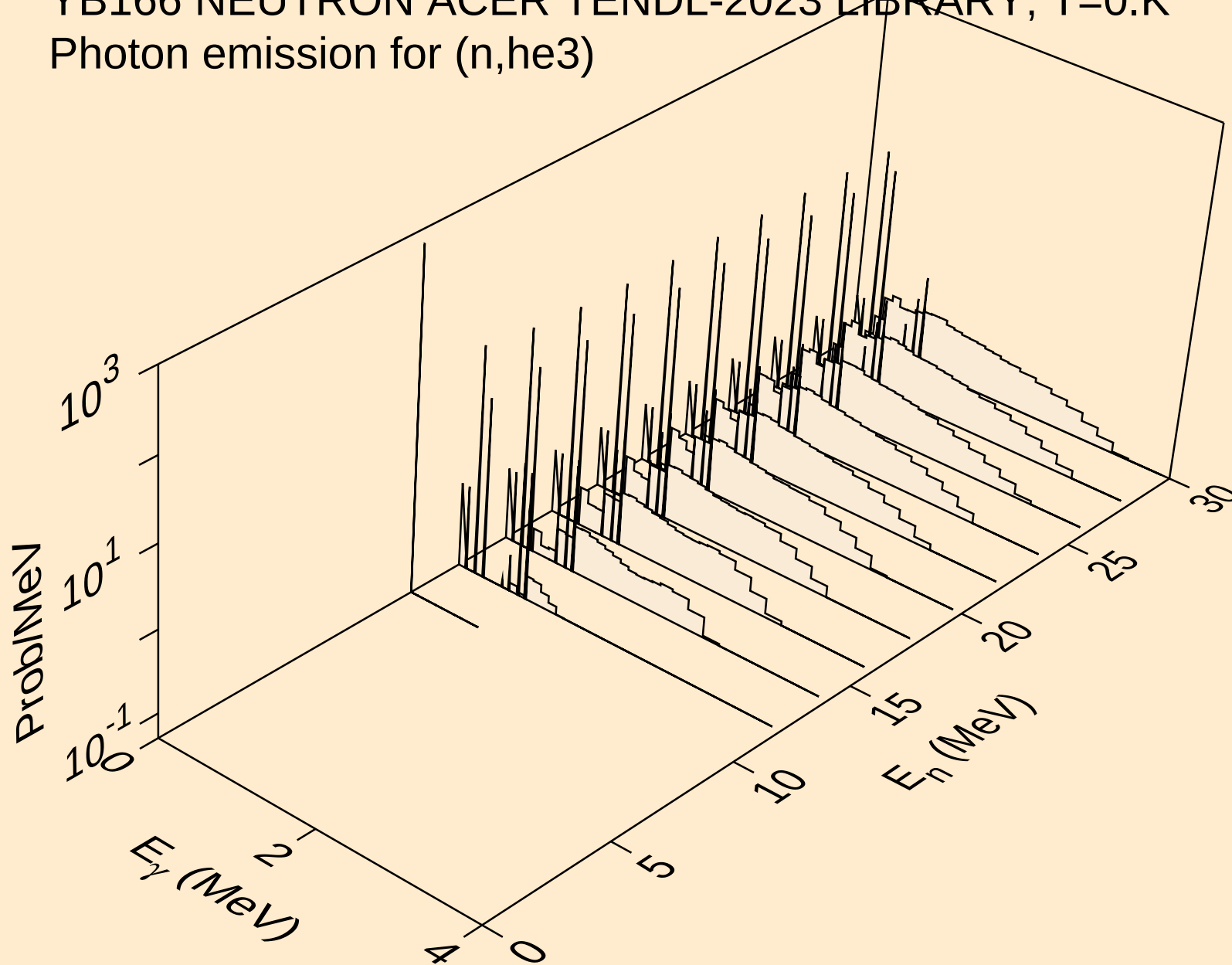
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Photon emission for (n,d)



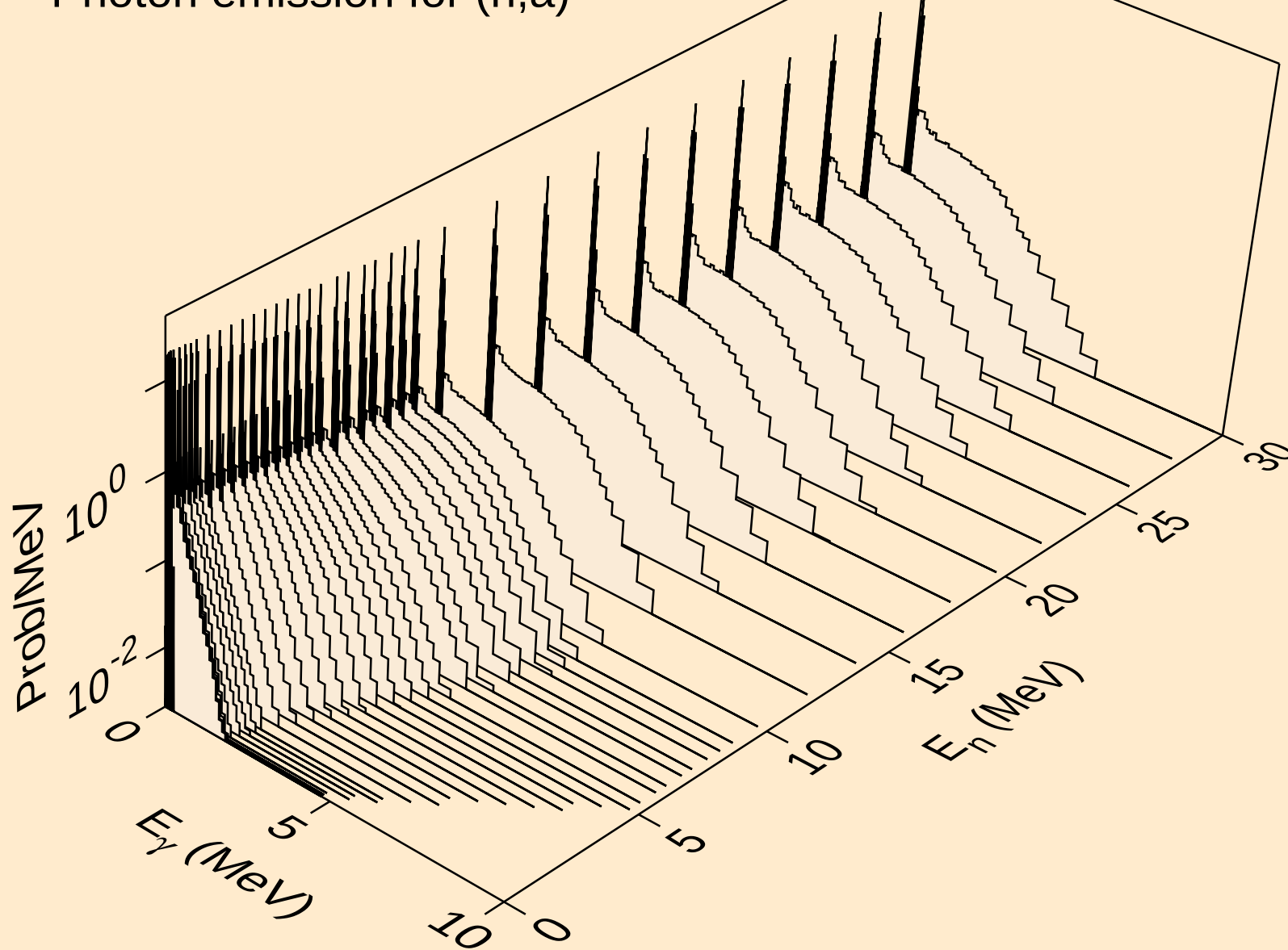
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Photon emission for (n,t)



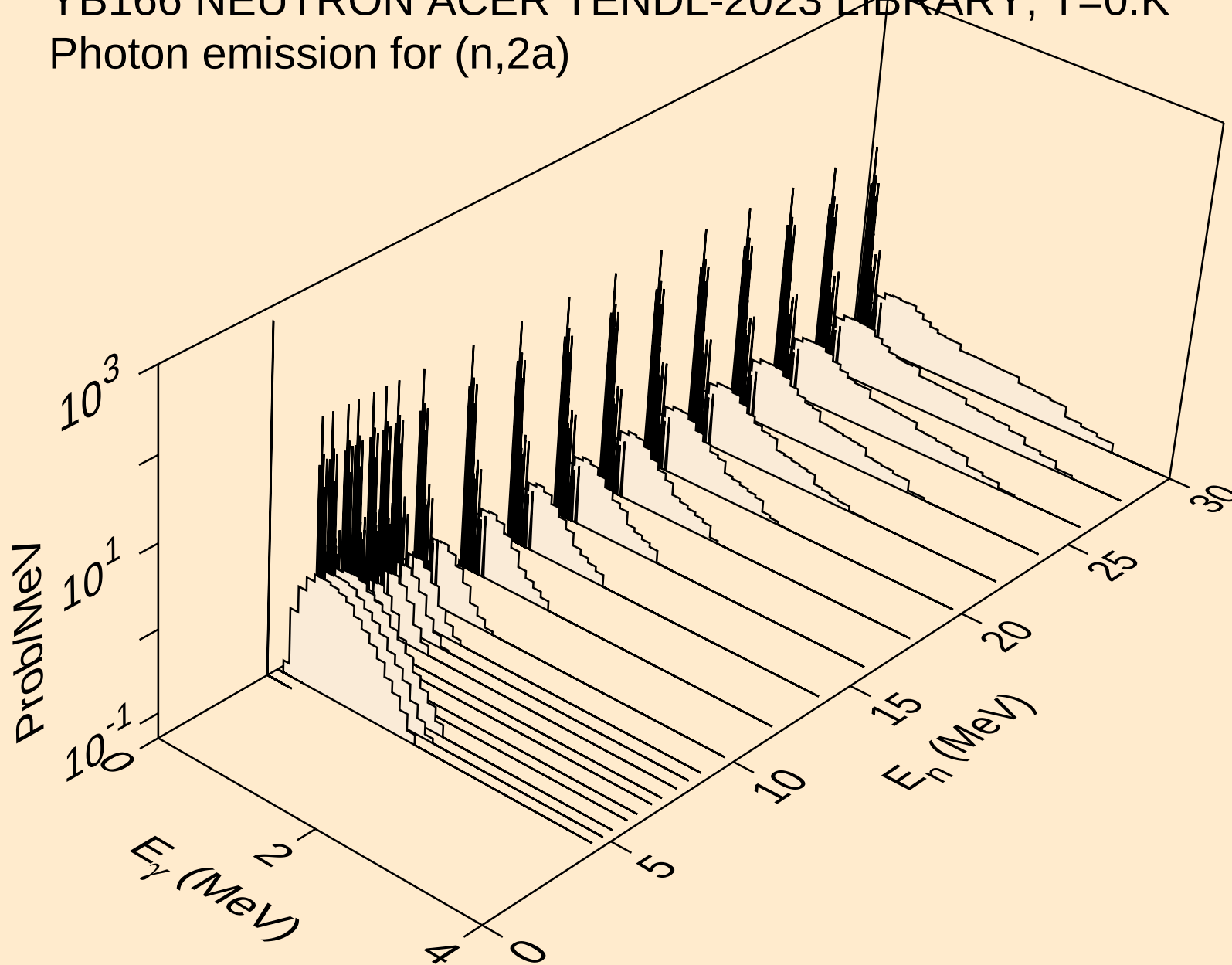
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Photon emission for (n,he3)



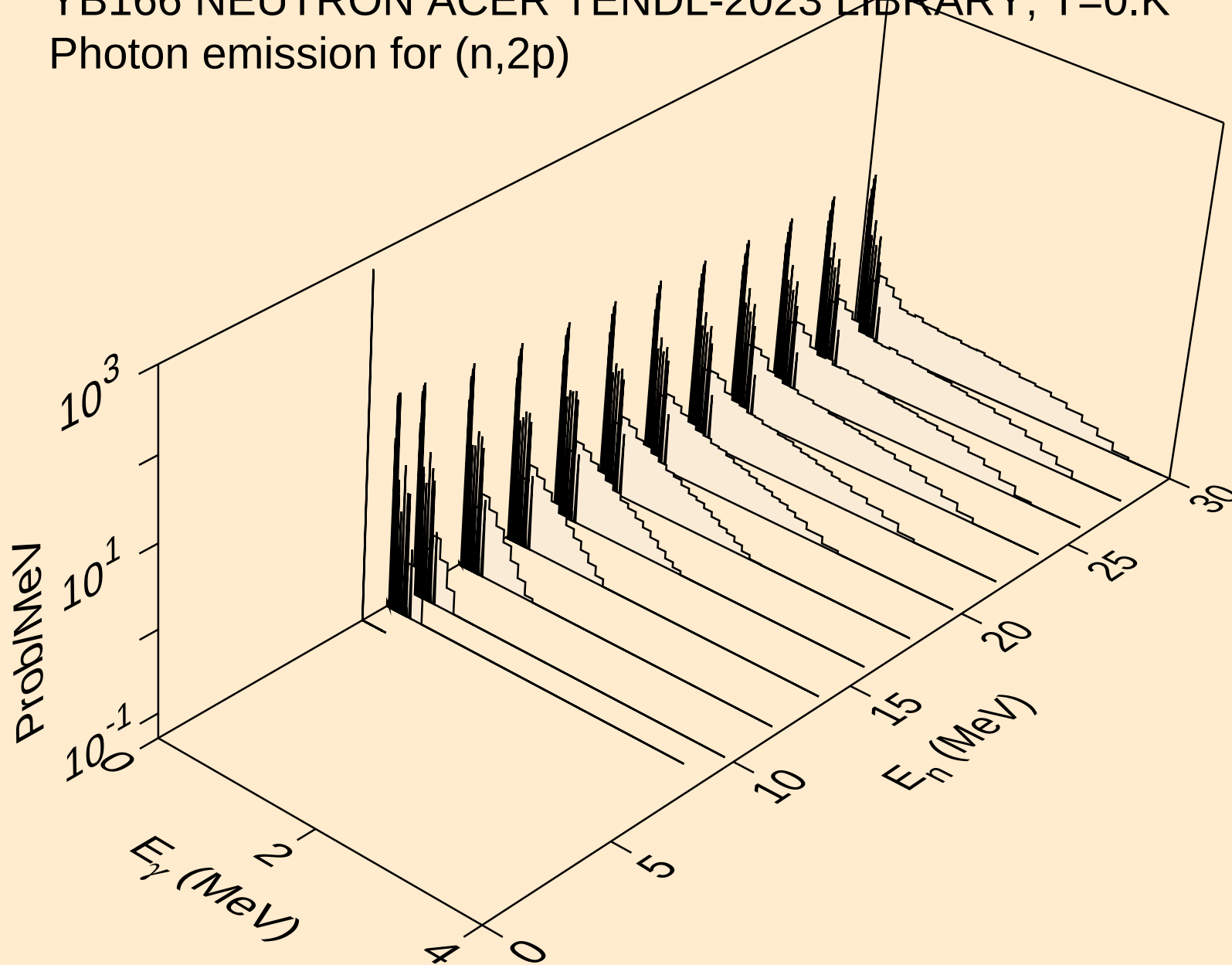
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Photon emission for (n,a)



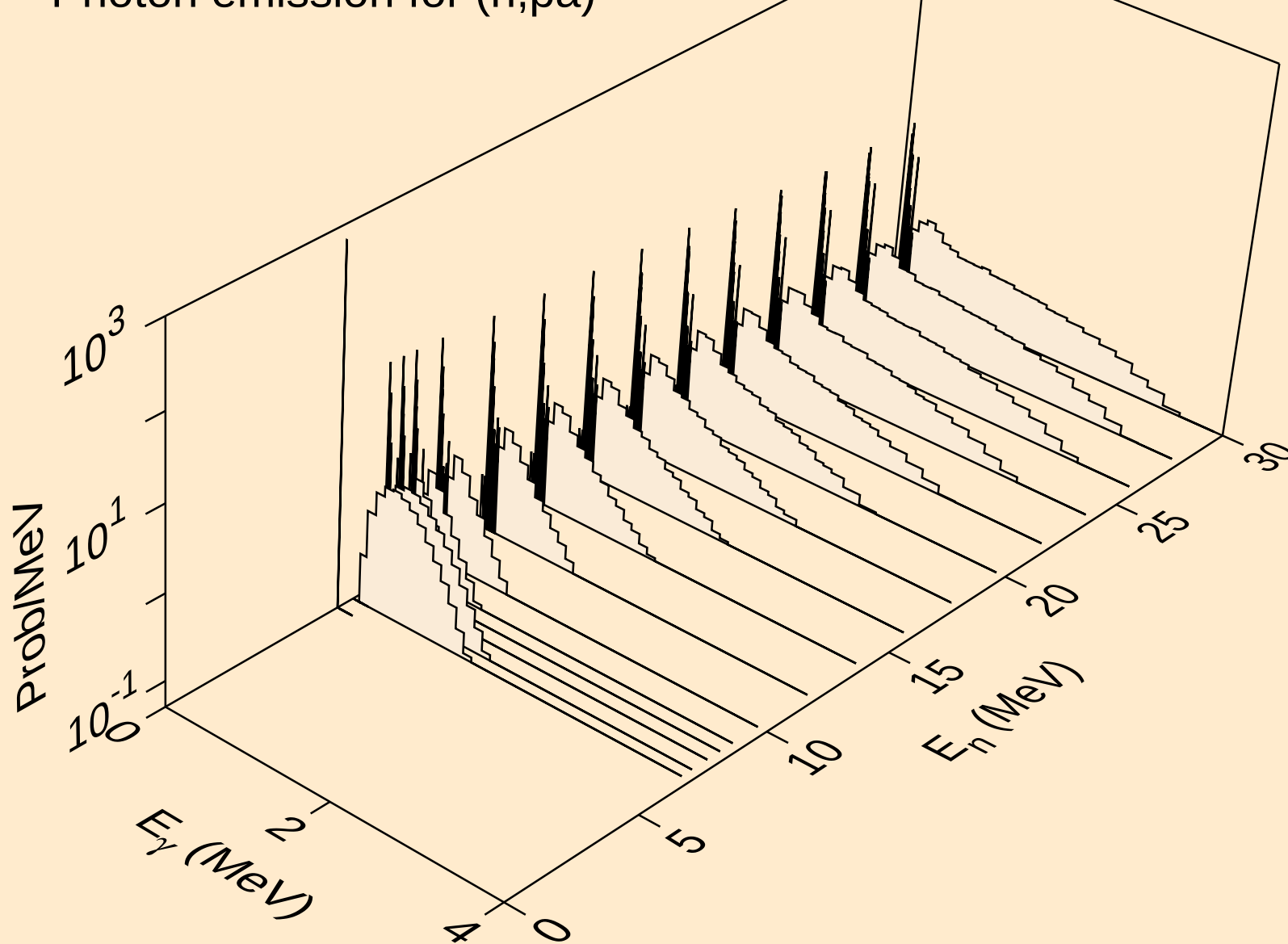
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Photon emission for (n,2a)



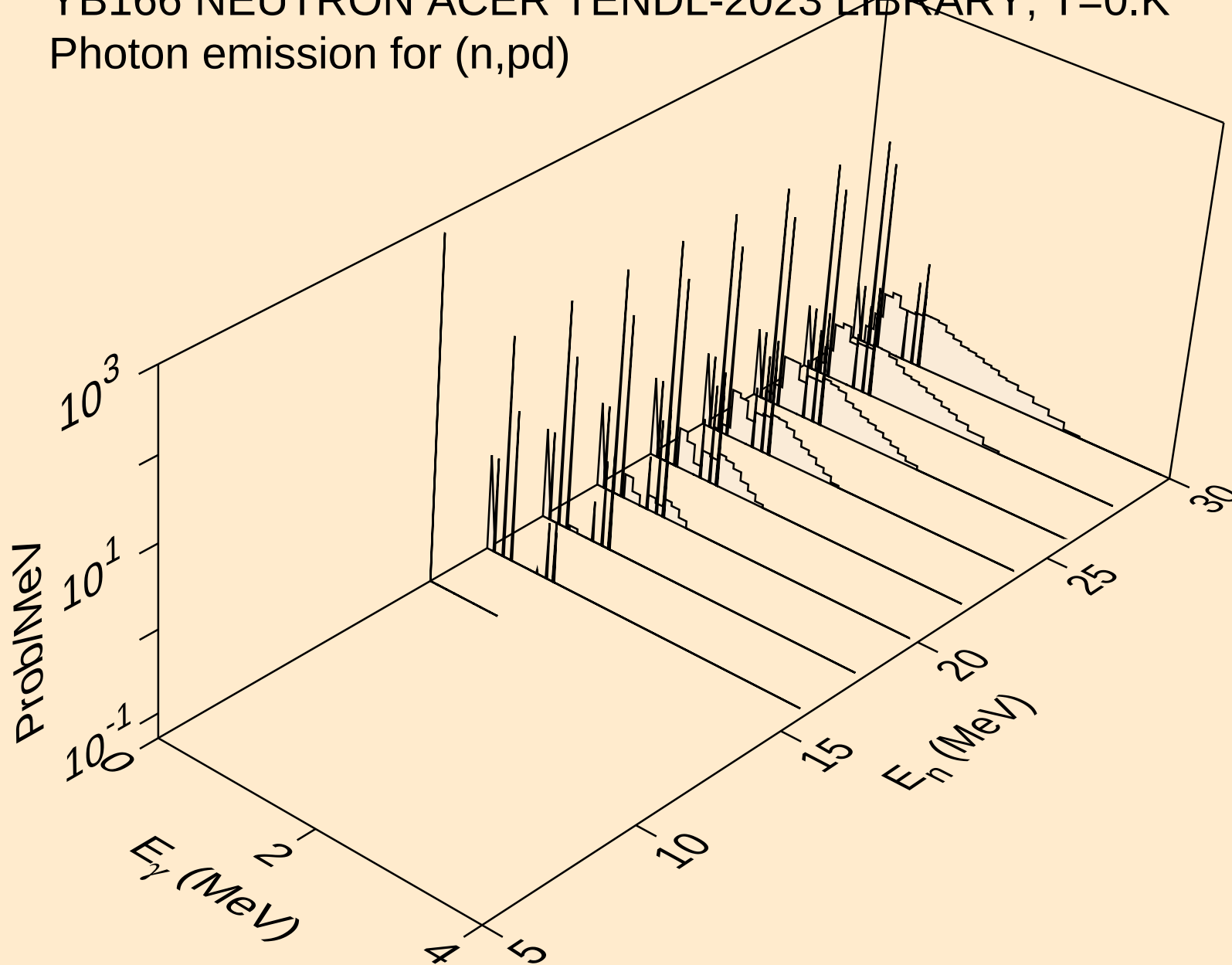
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Photon emission for (n,2p)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

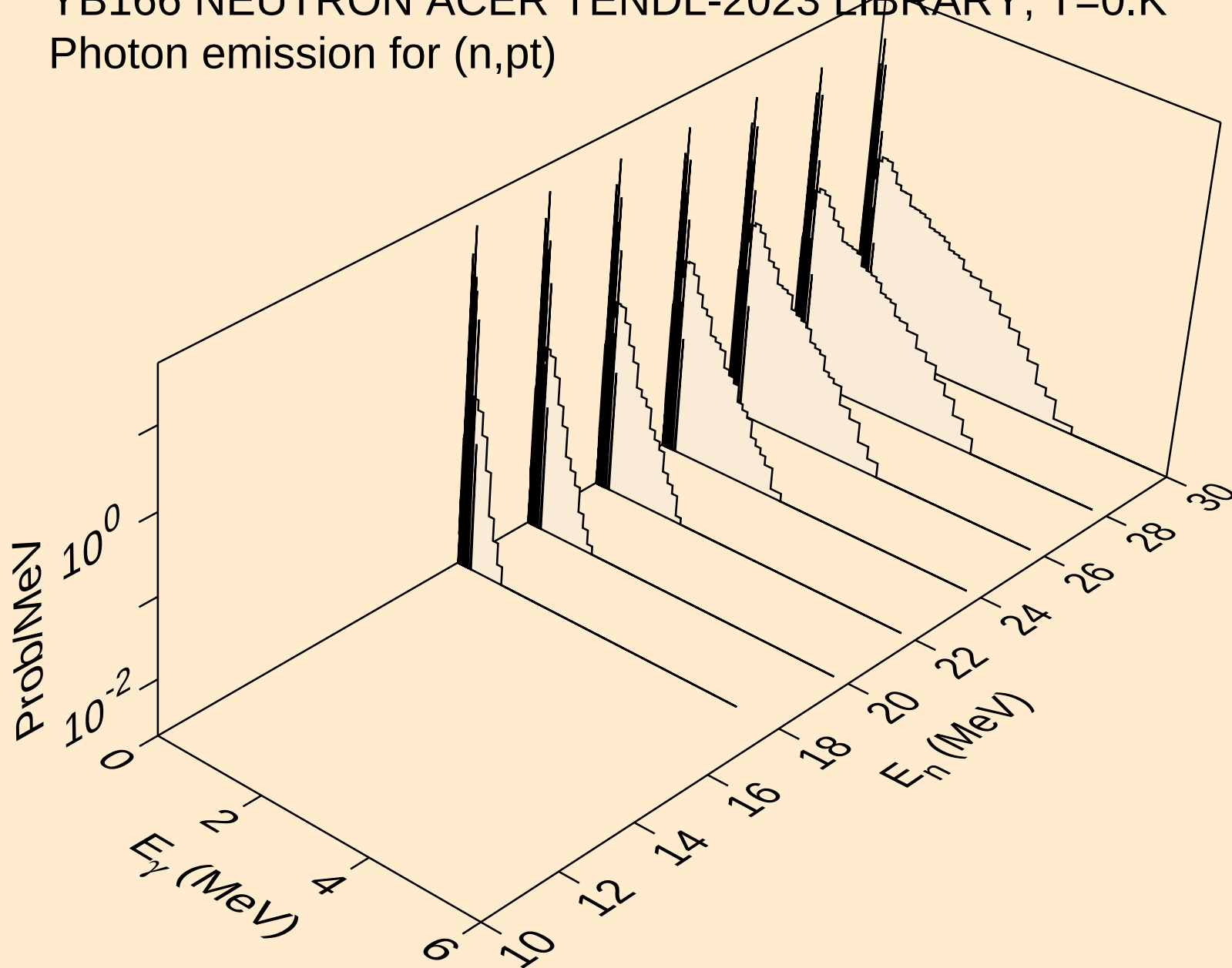


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Photon emission for (n,pd)

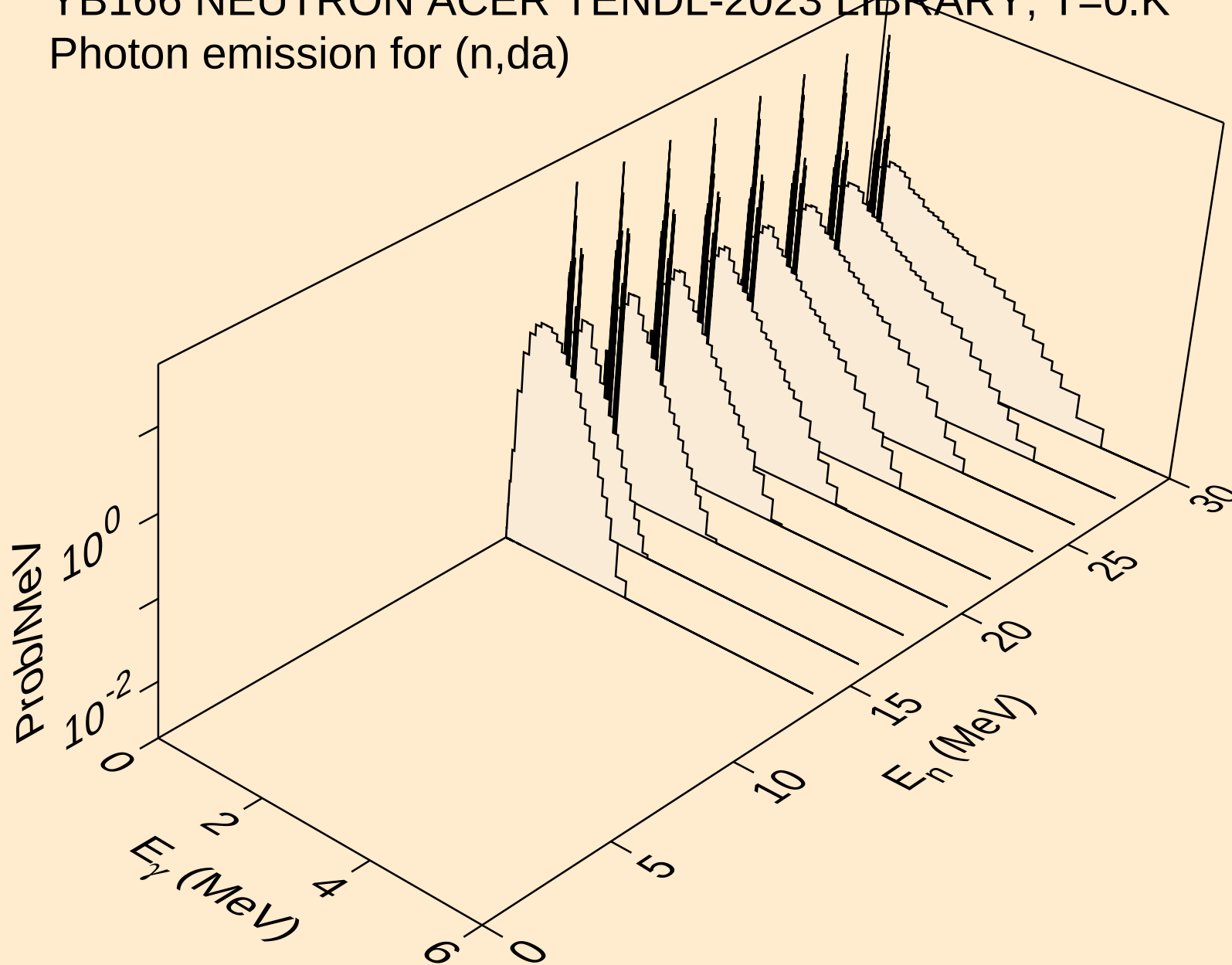


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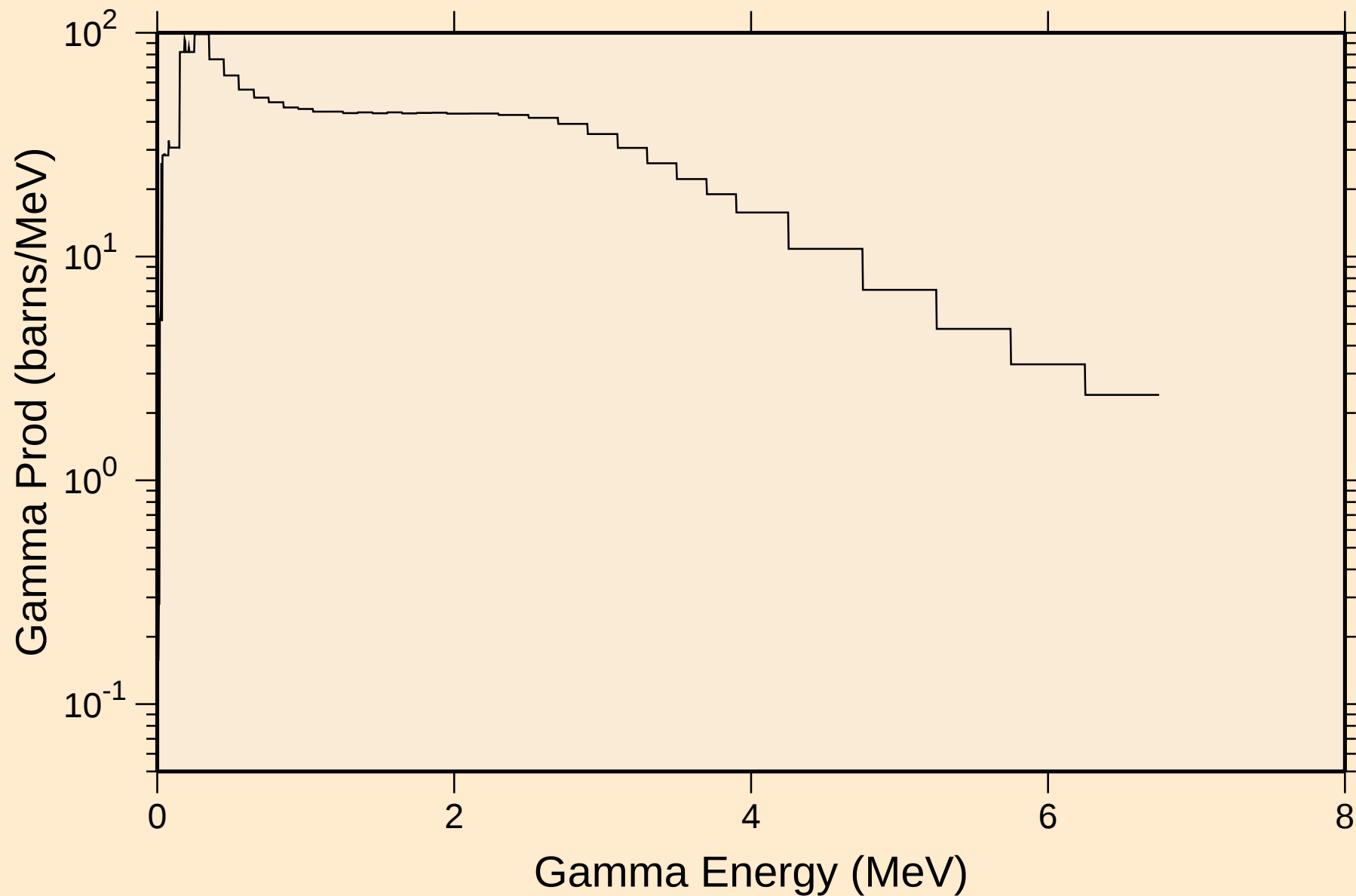
Photon emission for (n,pt)



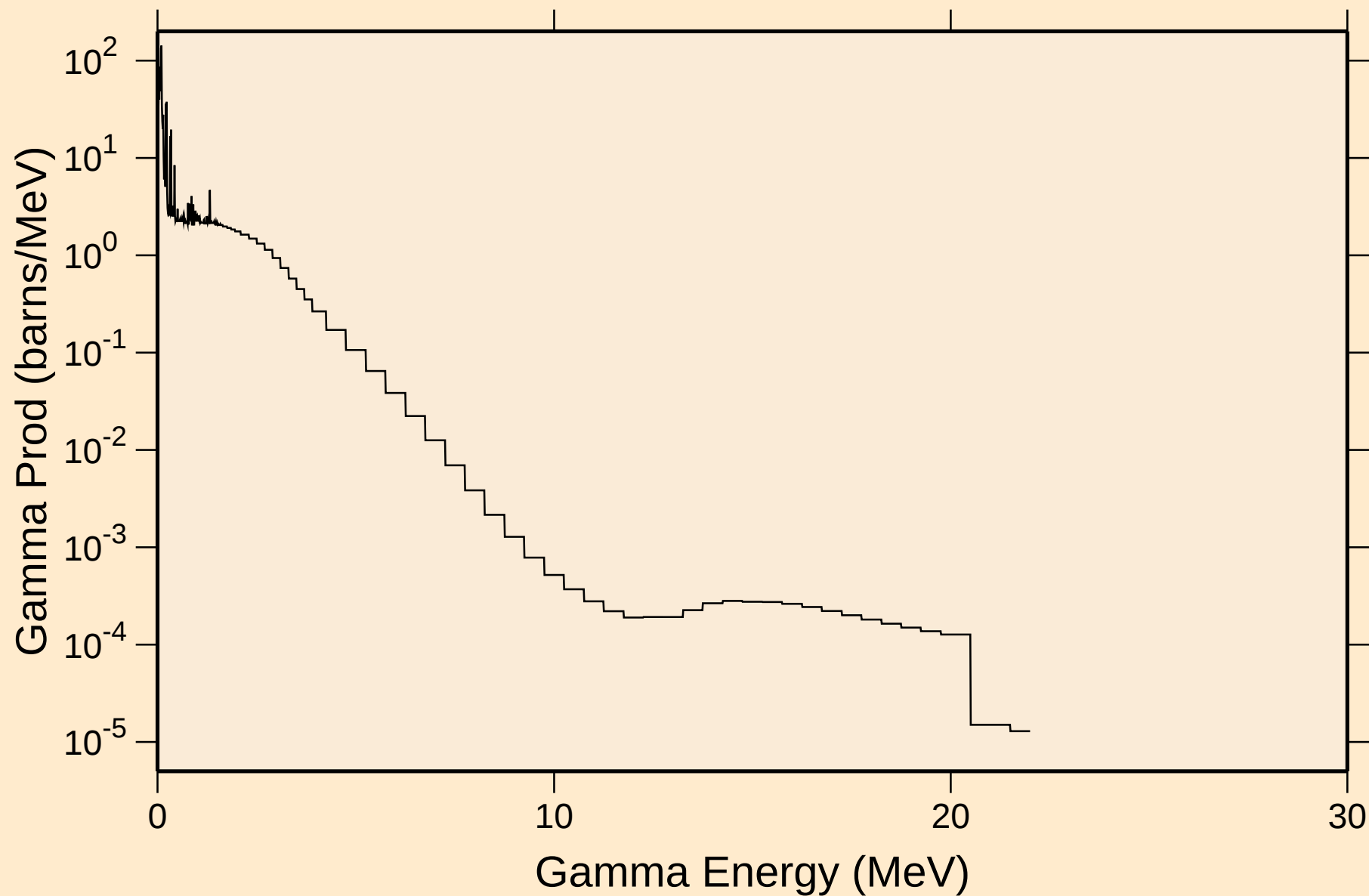
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



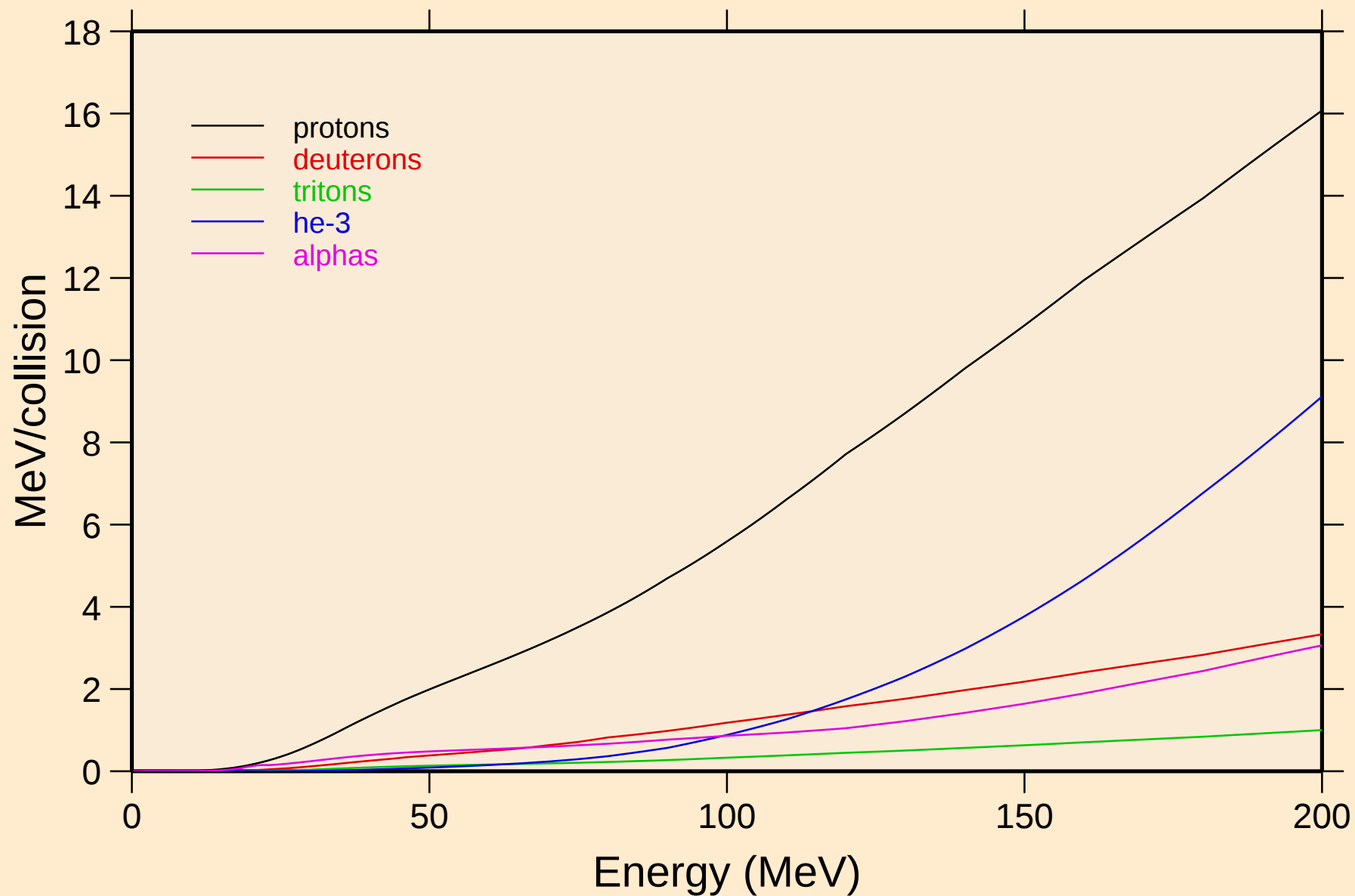
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

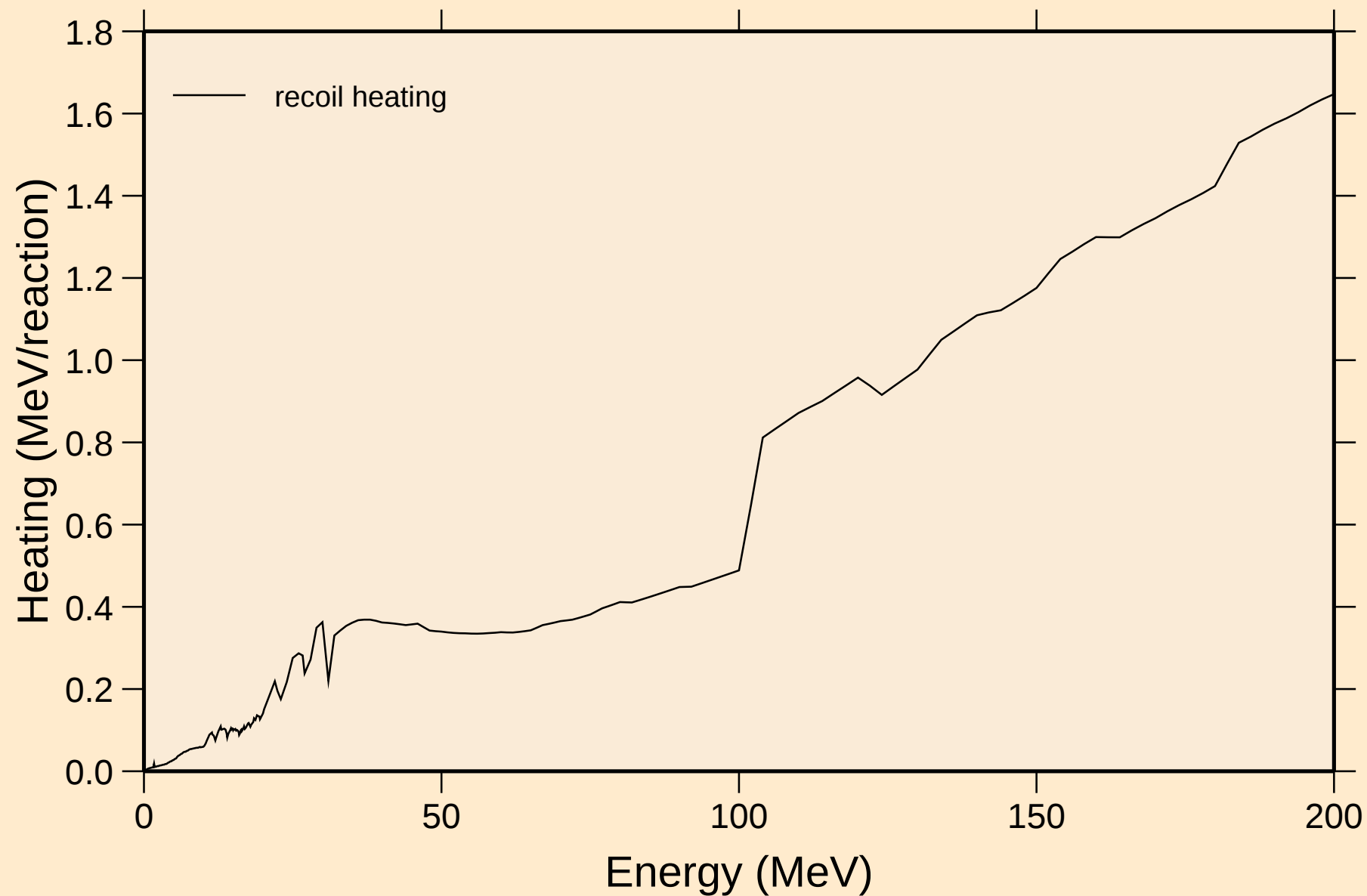


YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



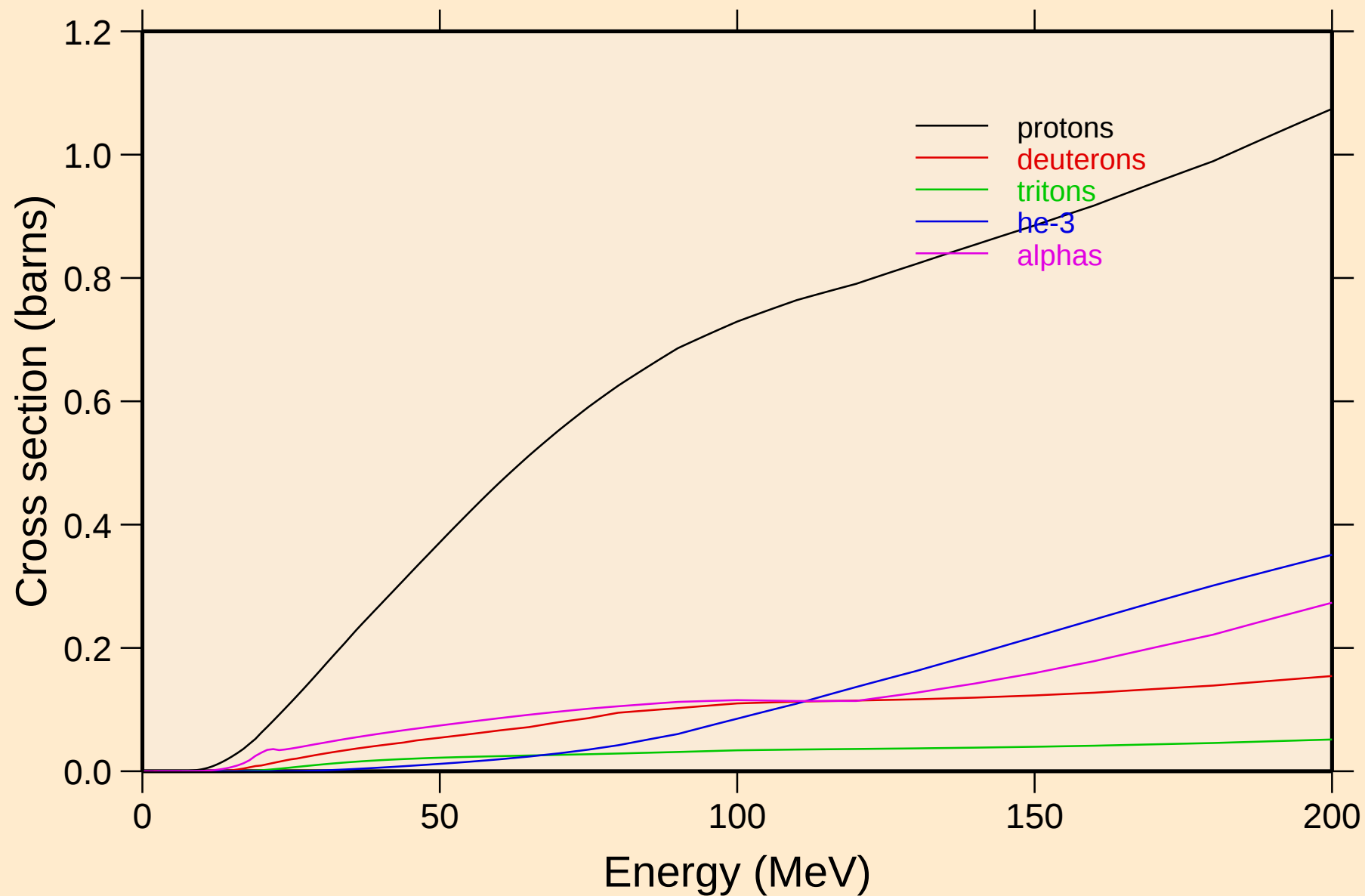
# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

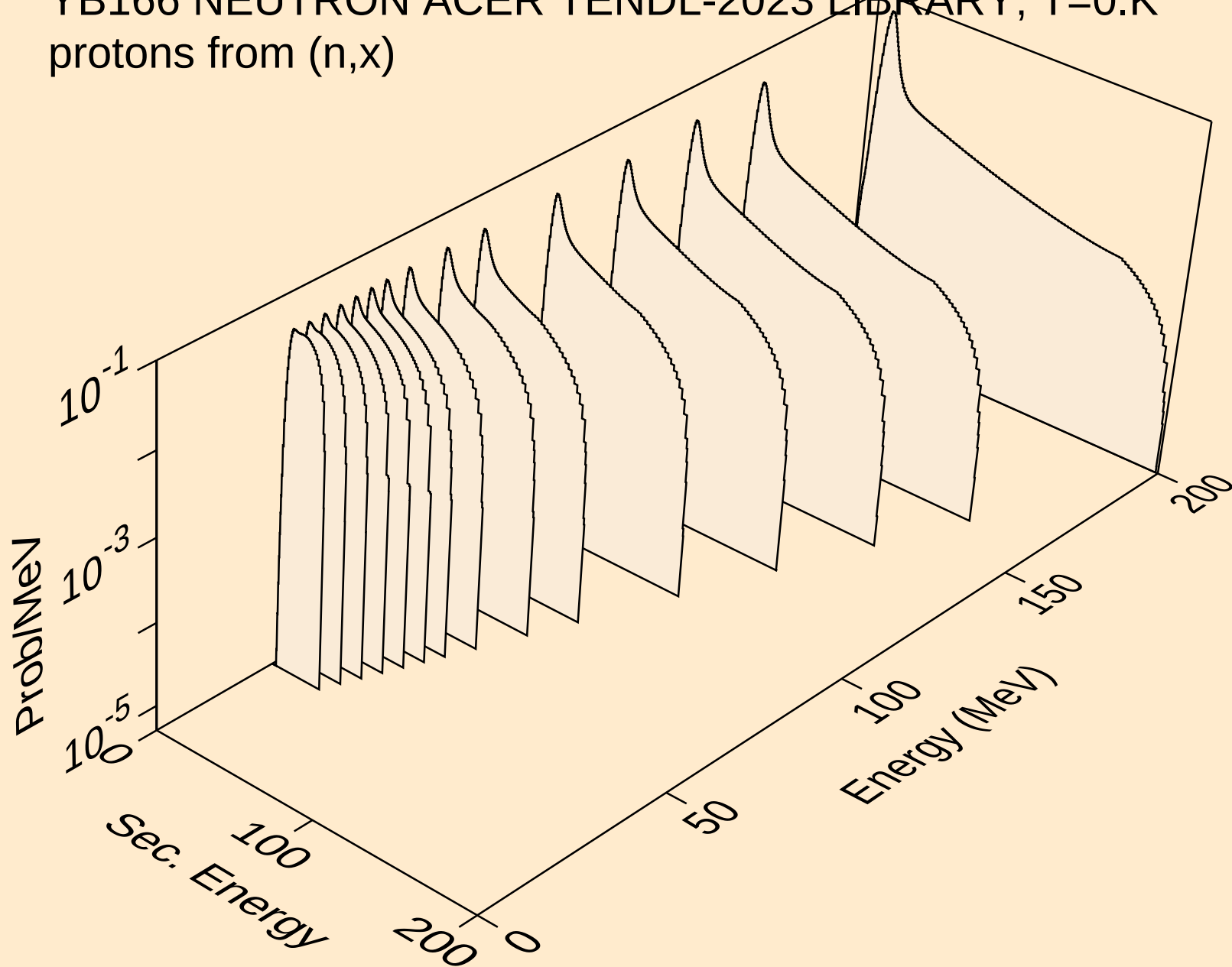


# YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

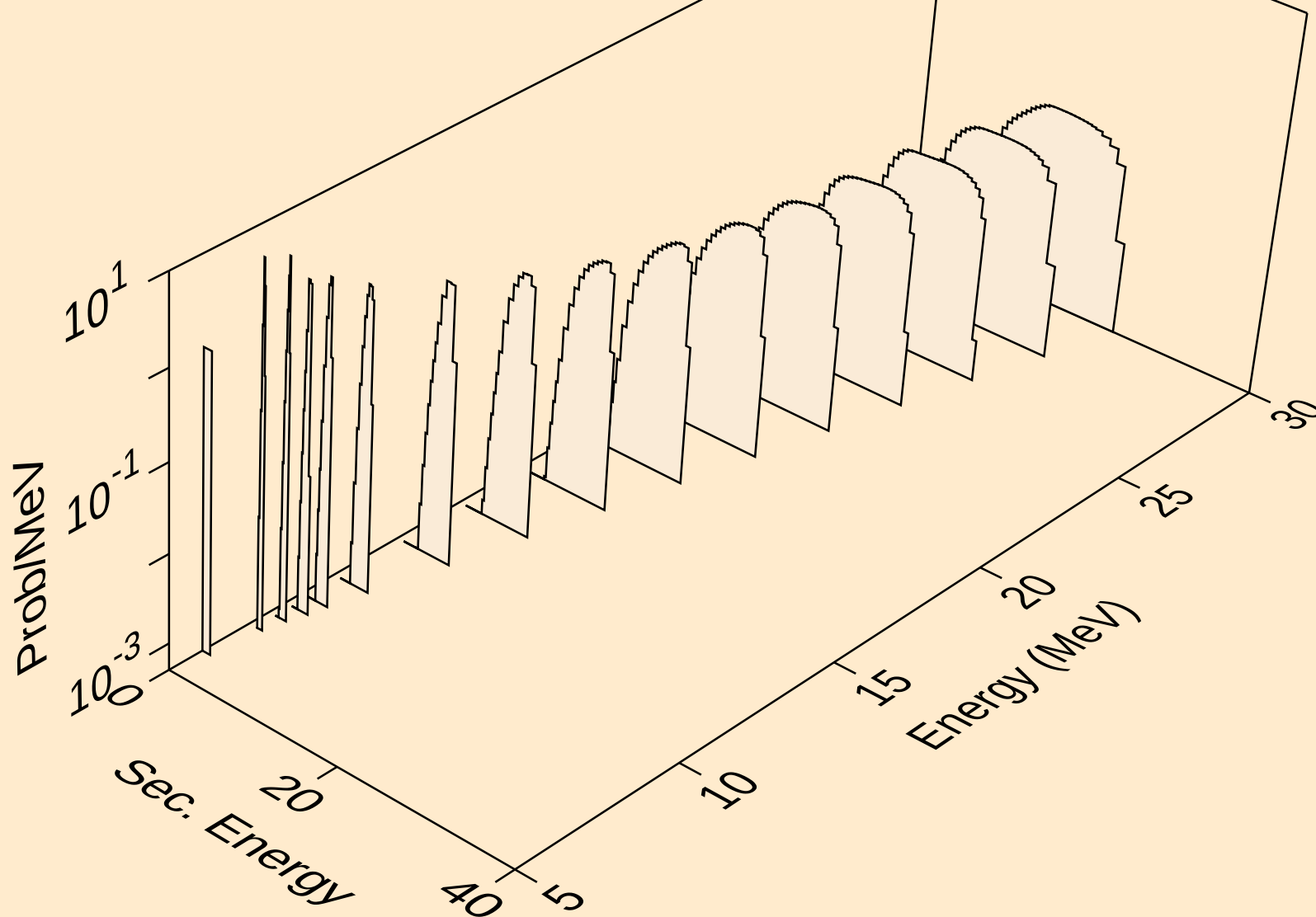
## Particle production cross sections



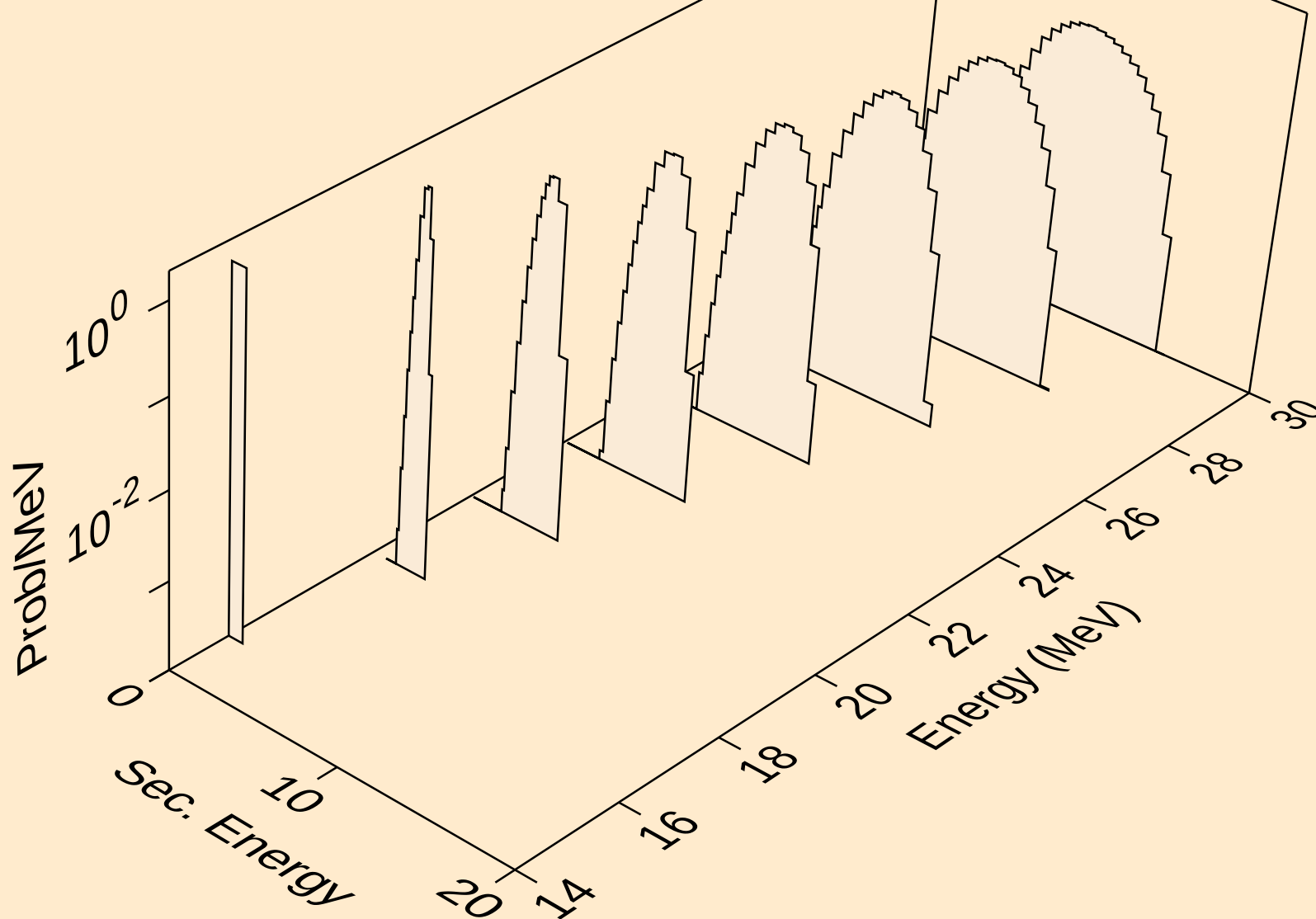
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



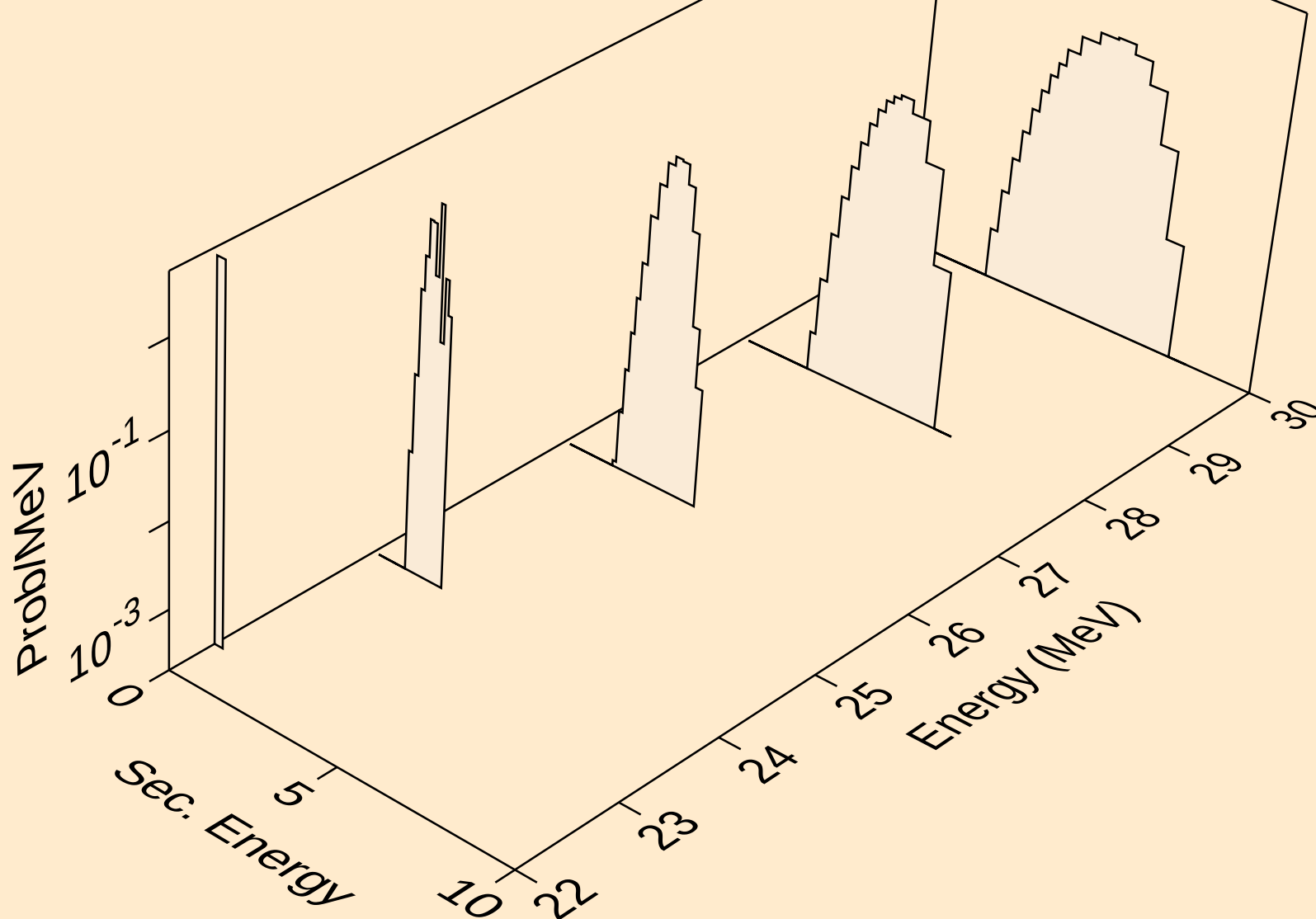
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protons from (n,n\*)p



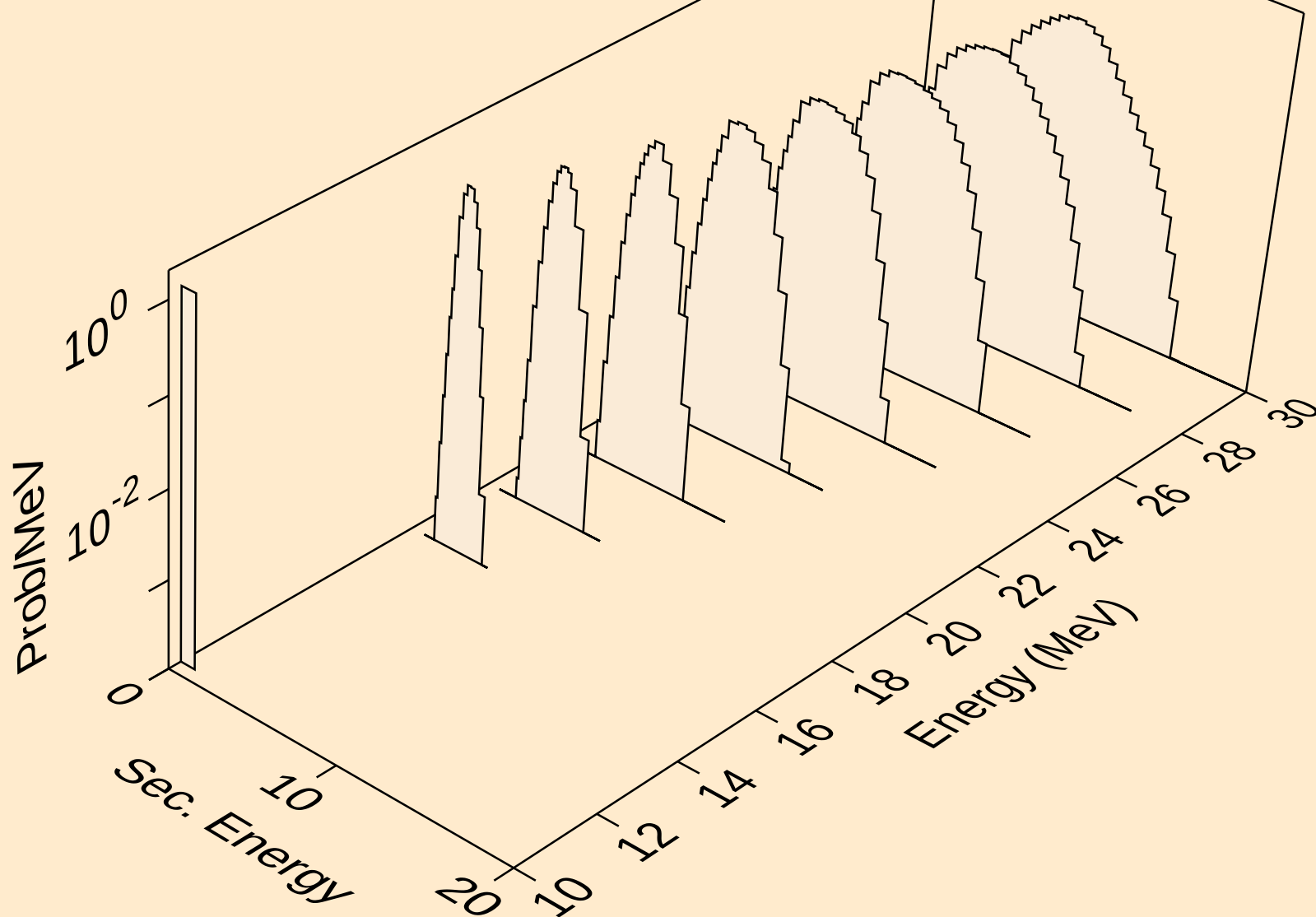
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protons from (n,2np)



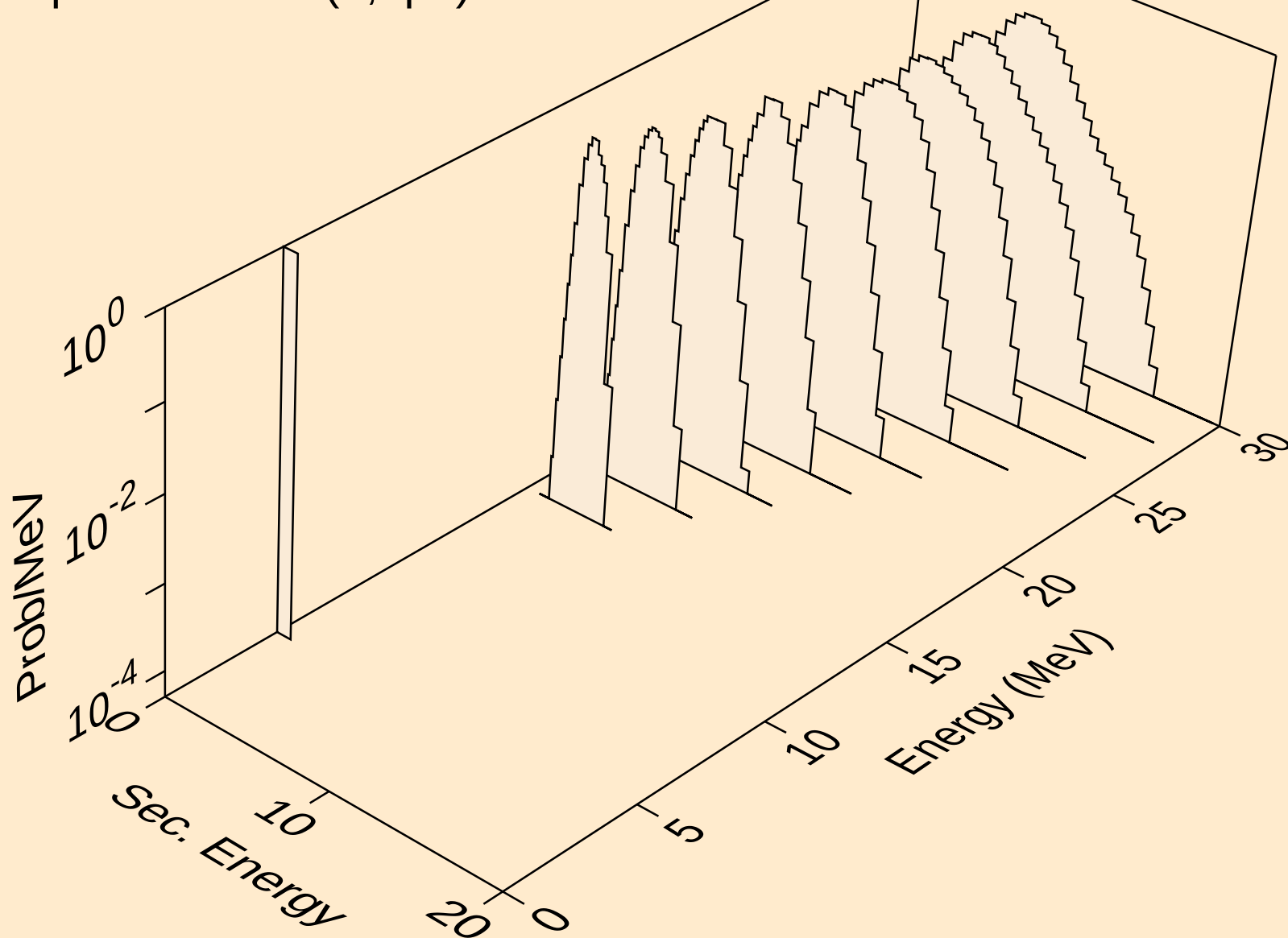
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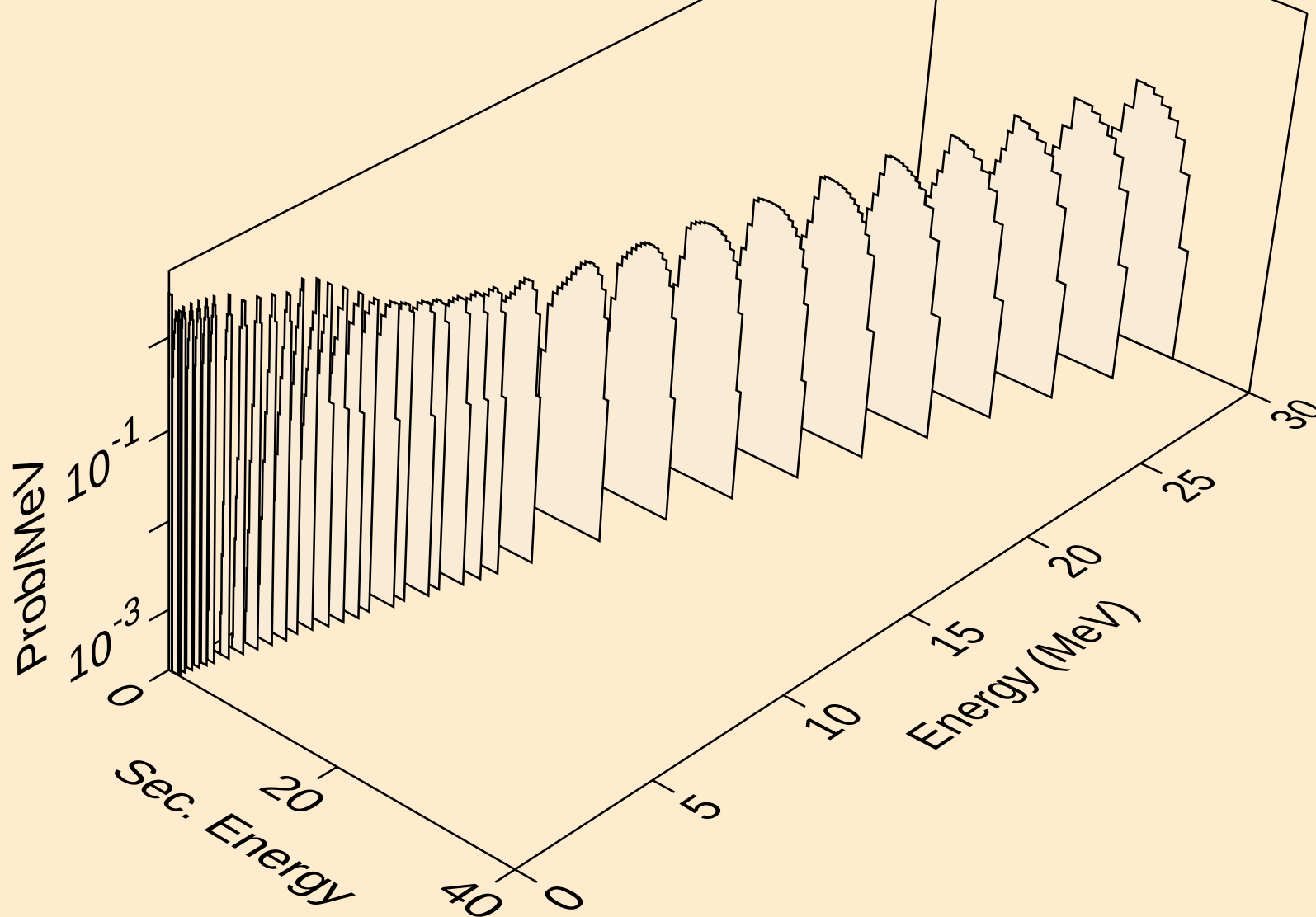
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protons from (n,n2p)



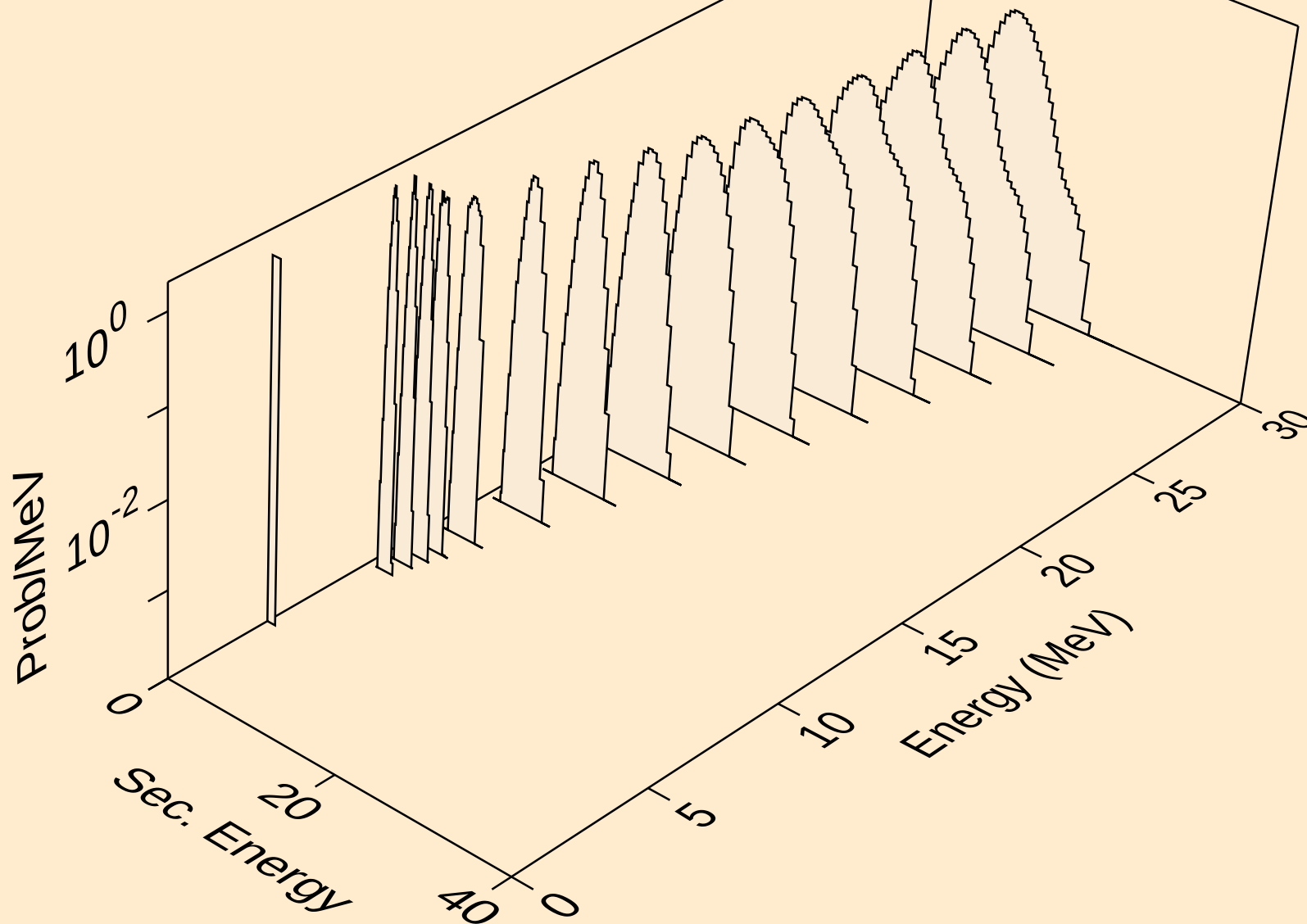
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protons from (n,npa)



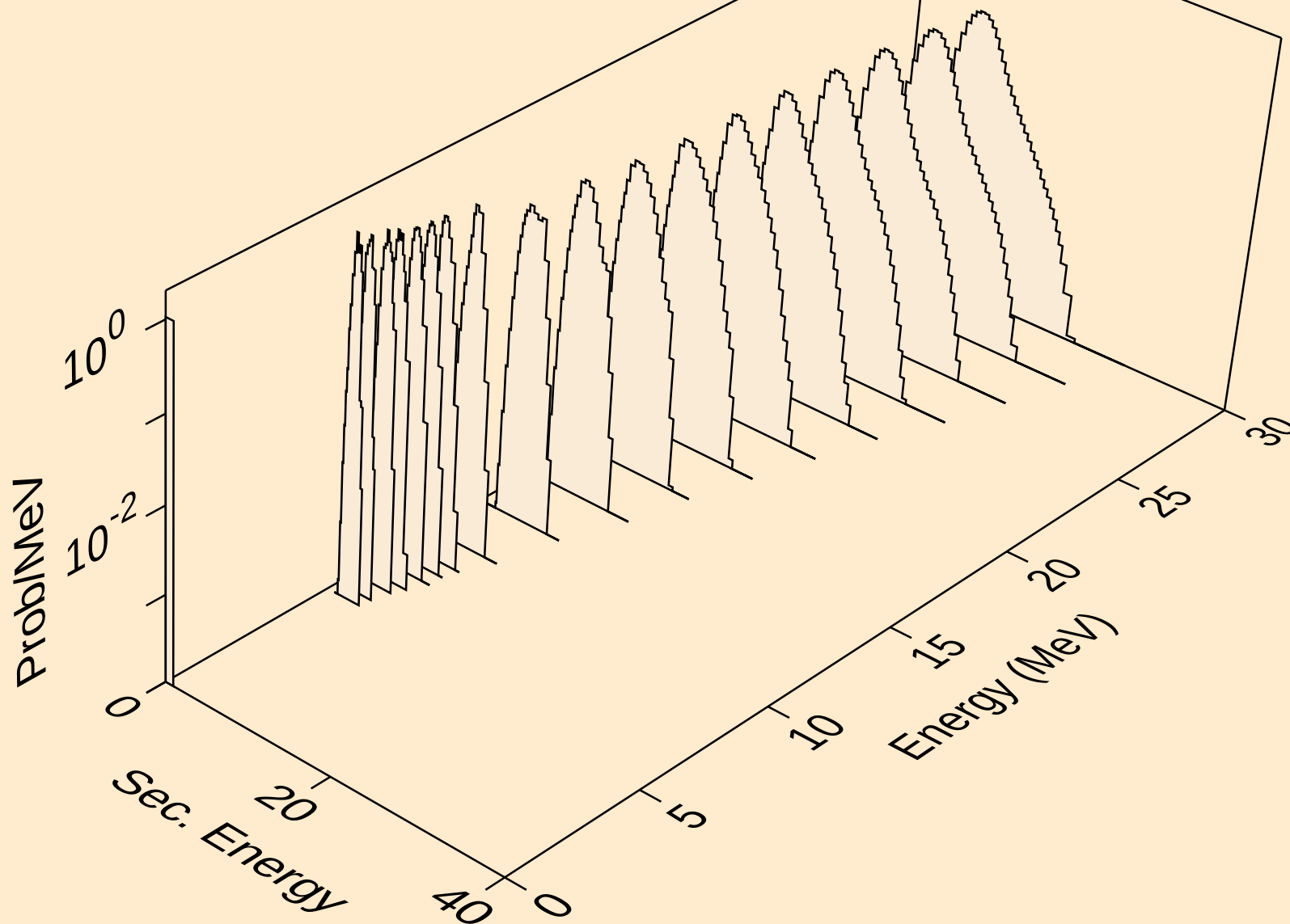
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protons from (n,p)



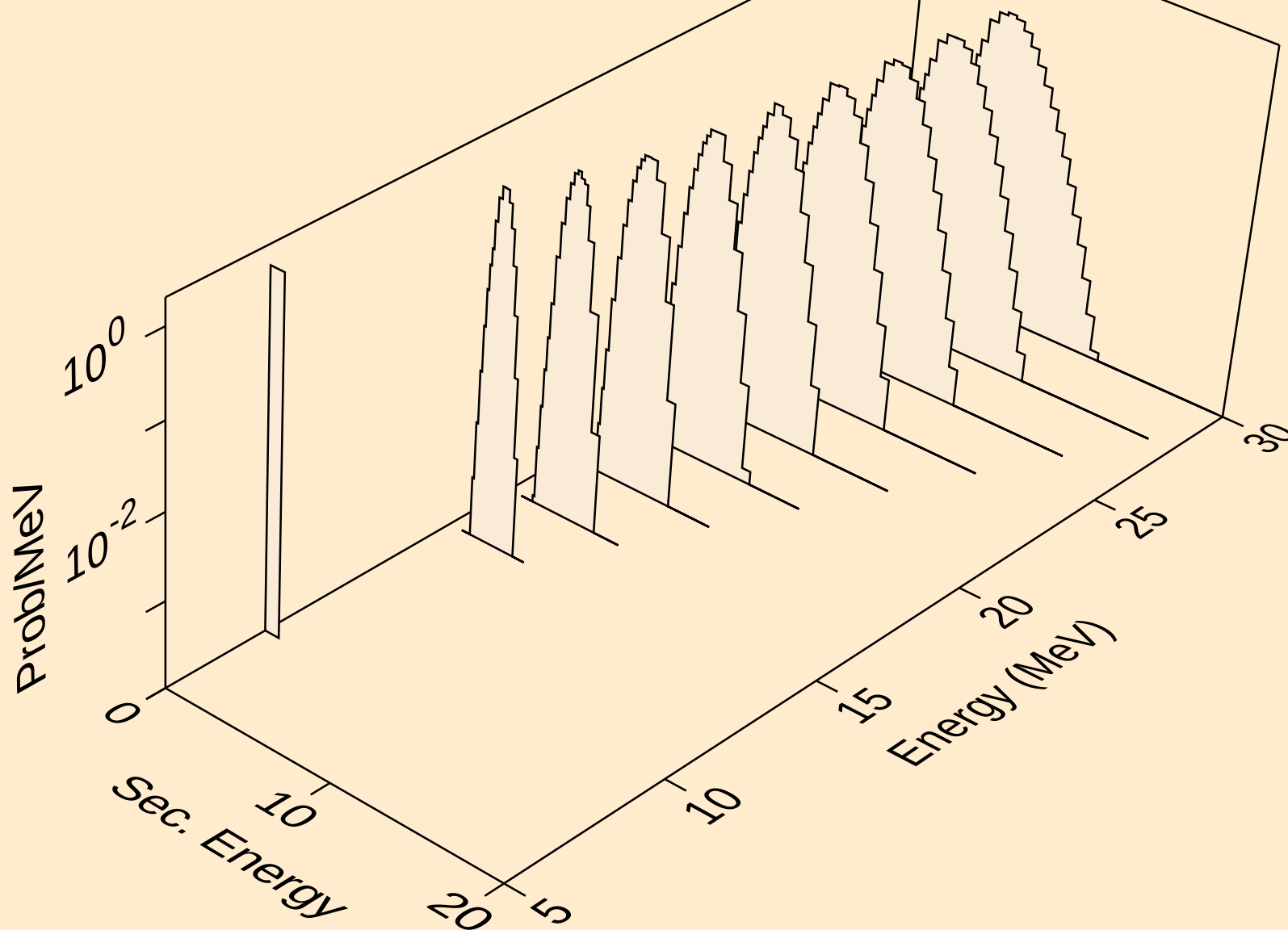
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protons from (n,2p)



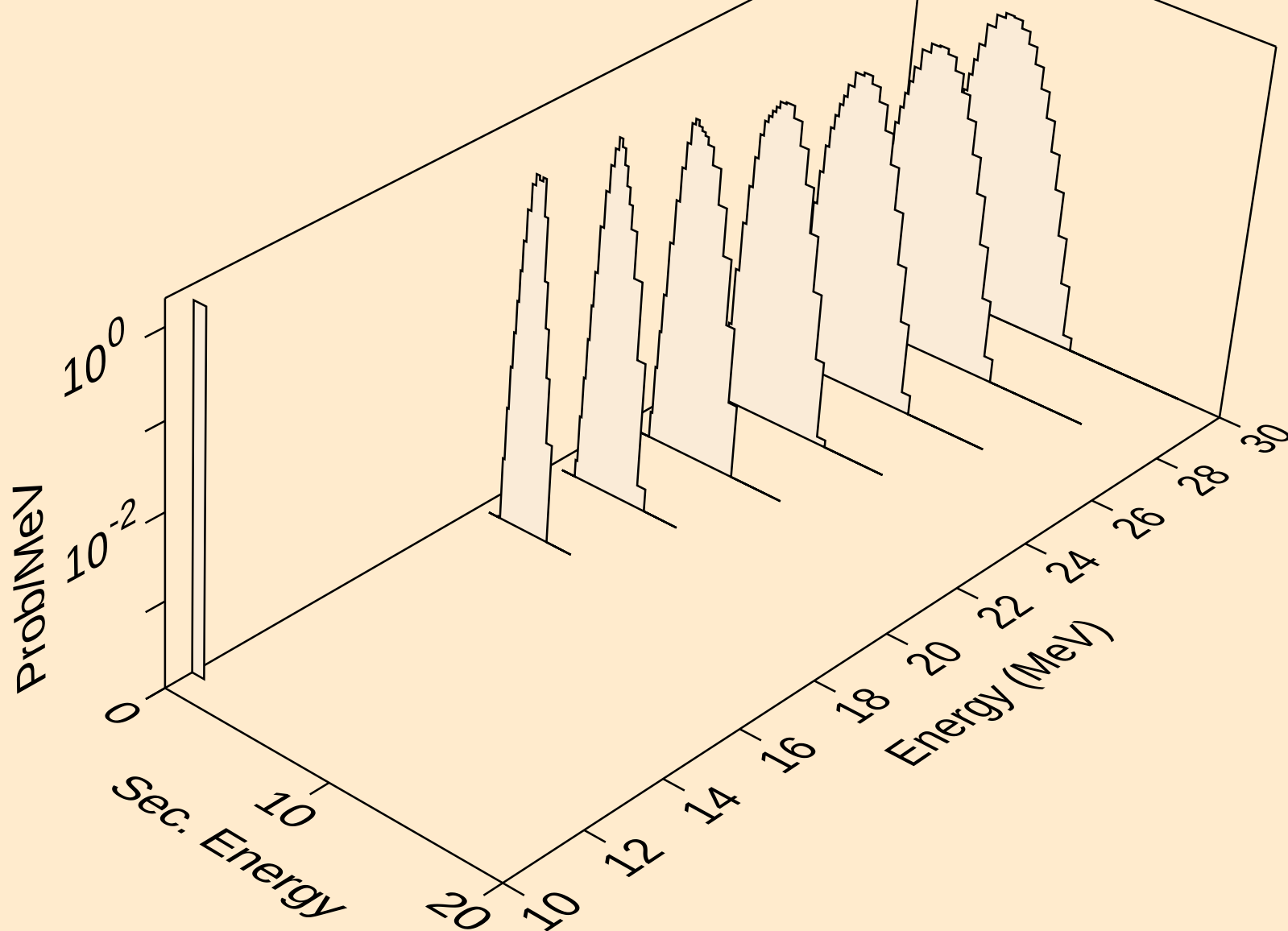
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protons from (n,p)



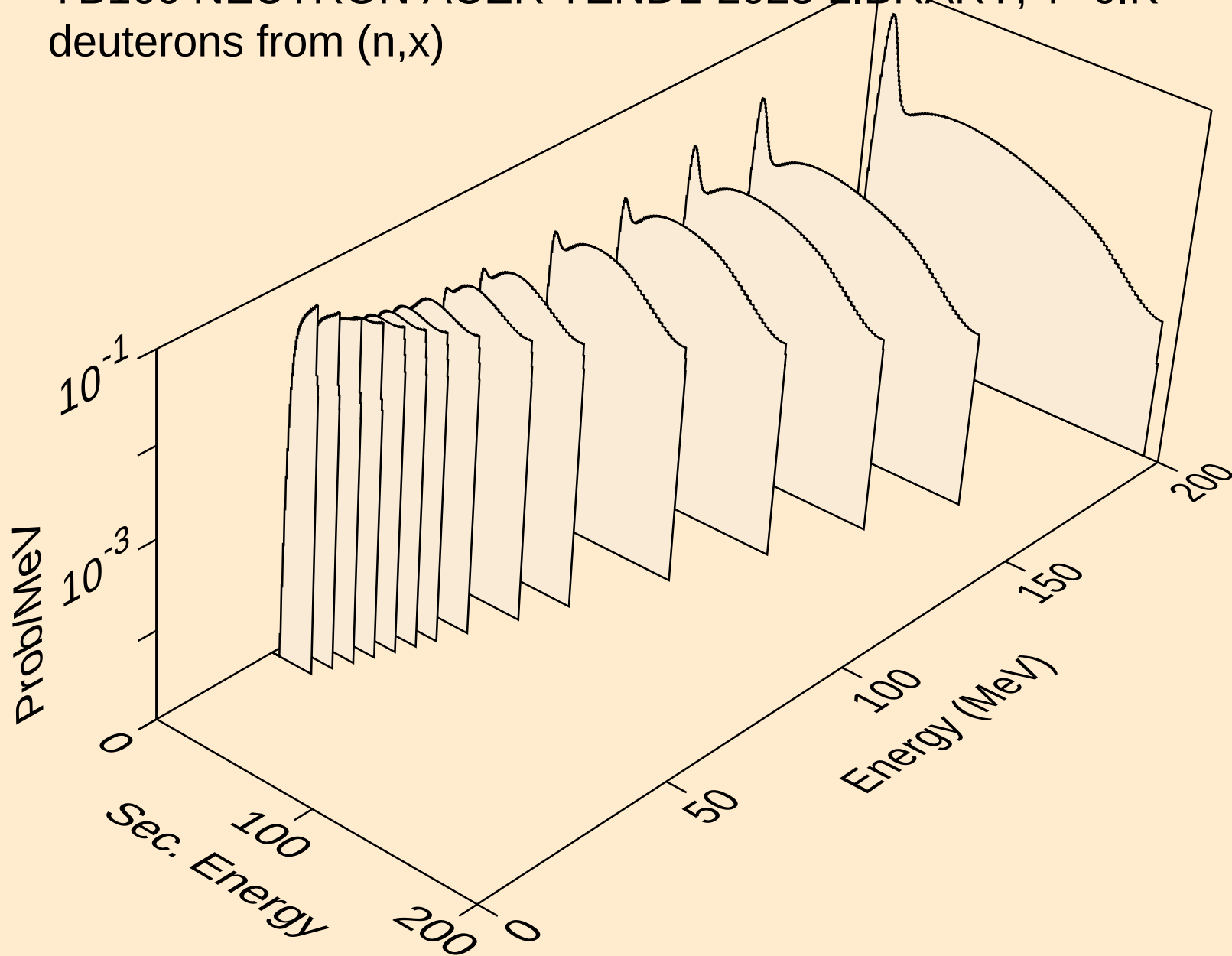
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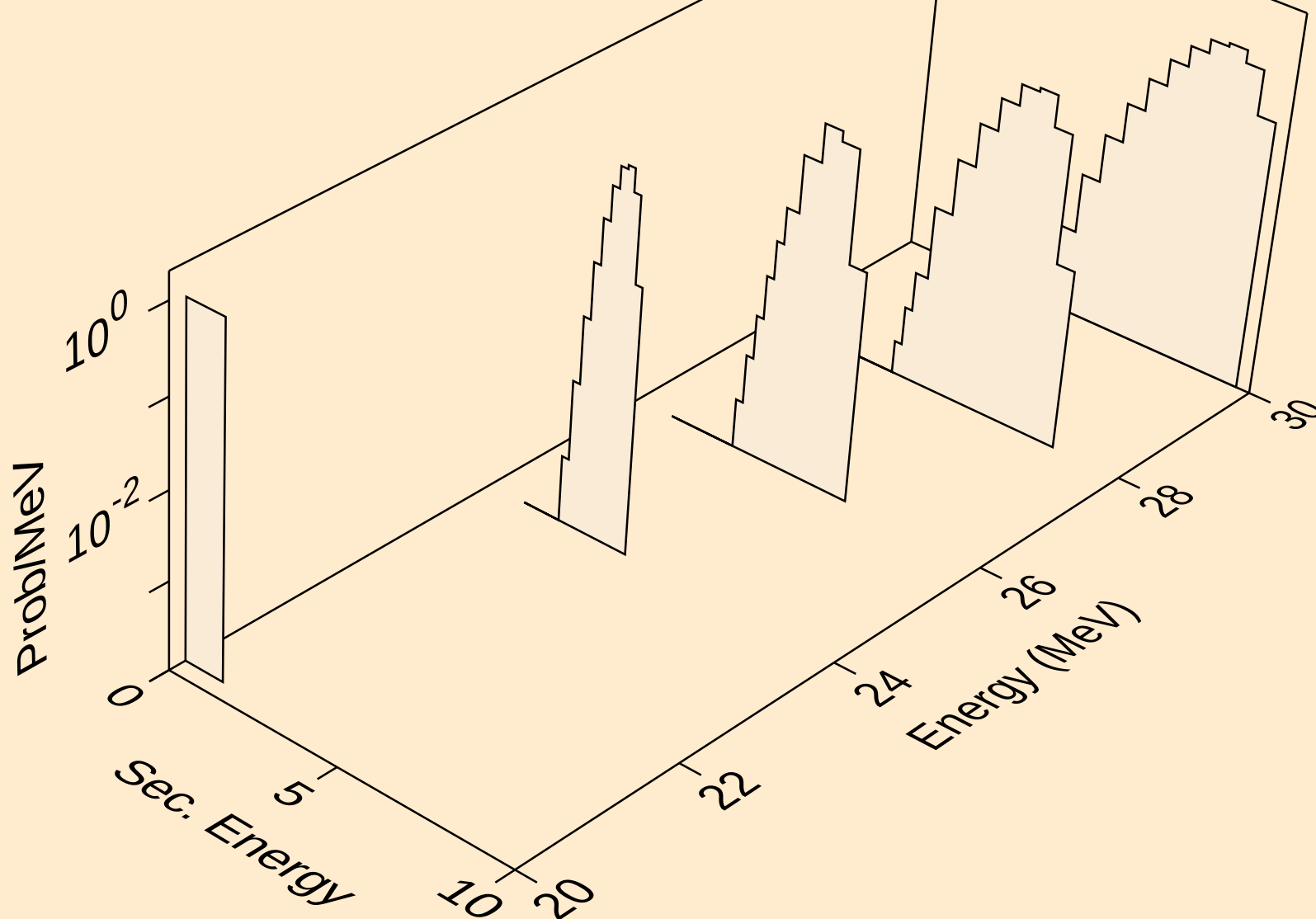
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protons from (n,pt)



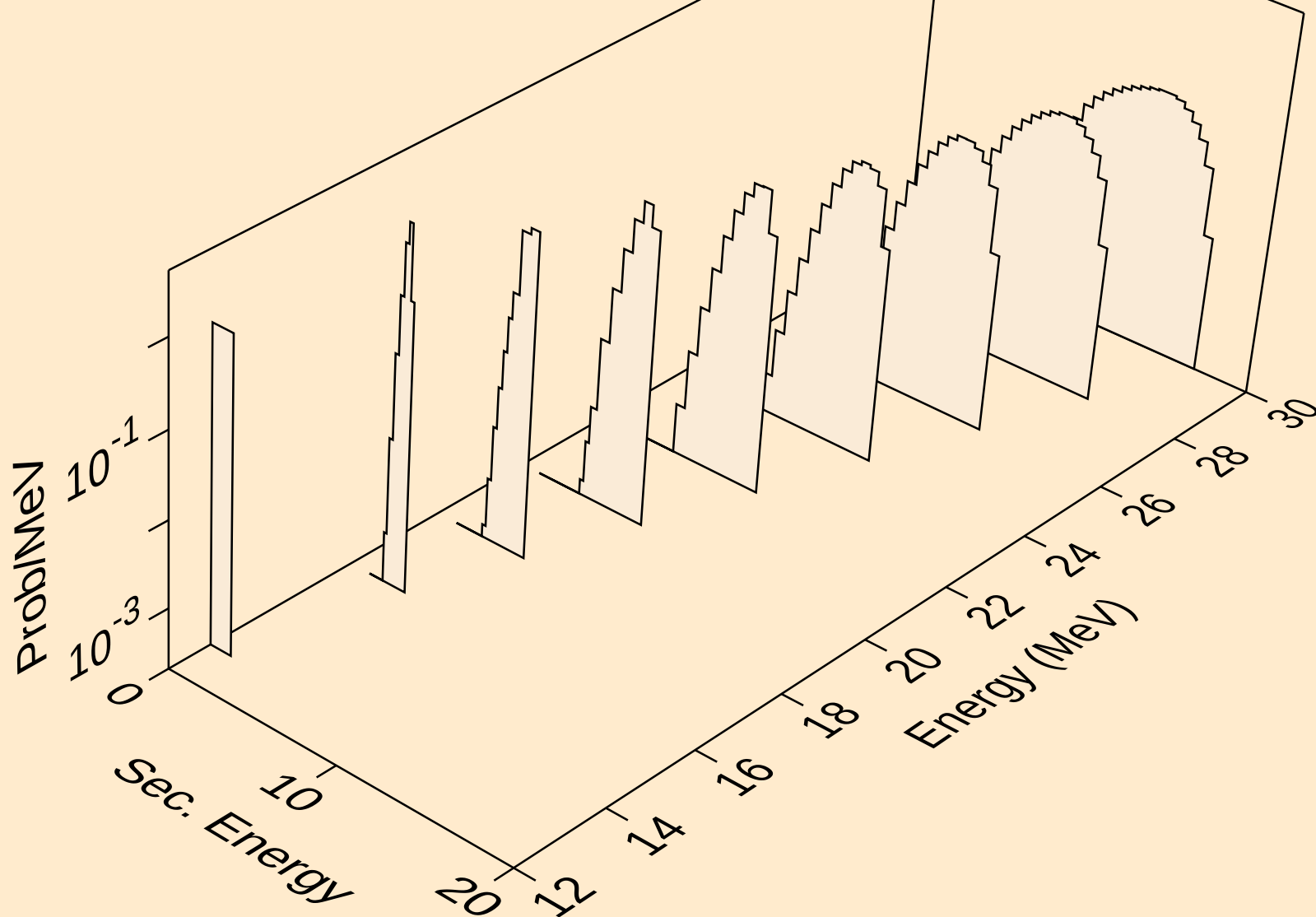
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deuterons from (n,x)



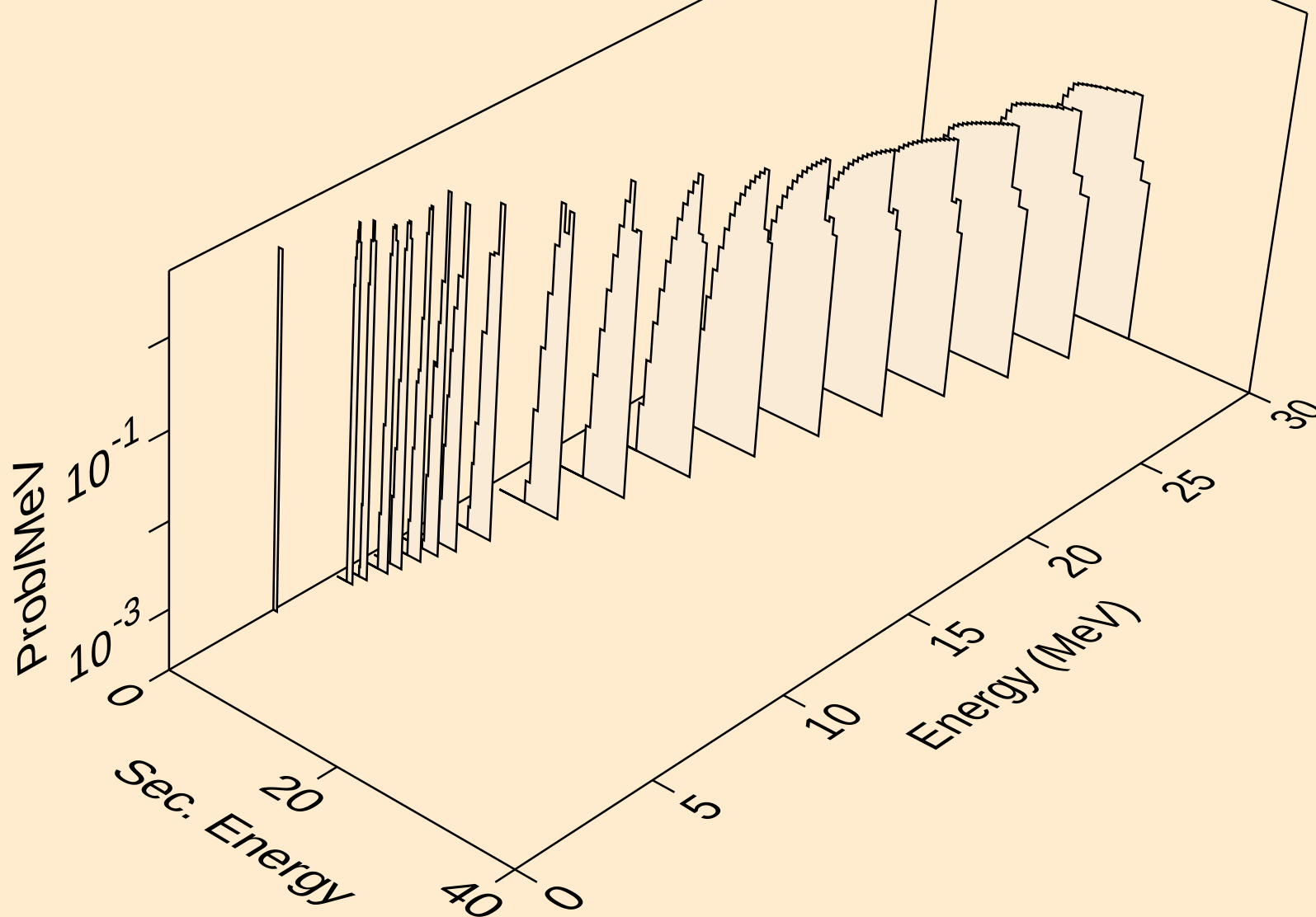
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deuterons from (n,2nd)



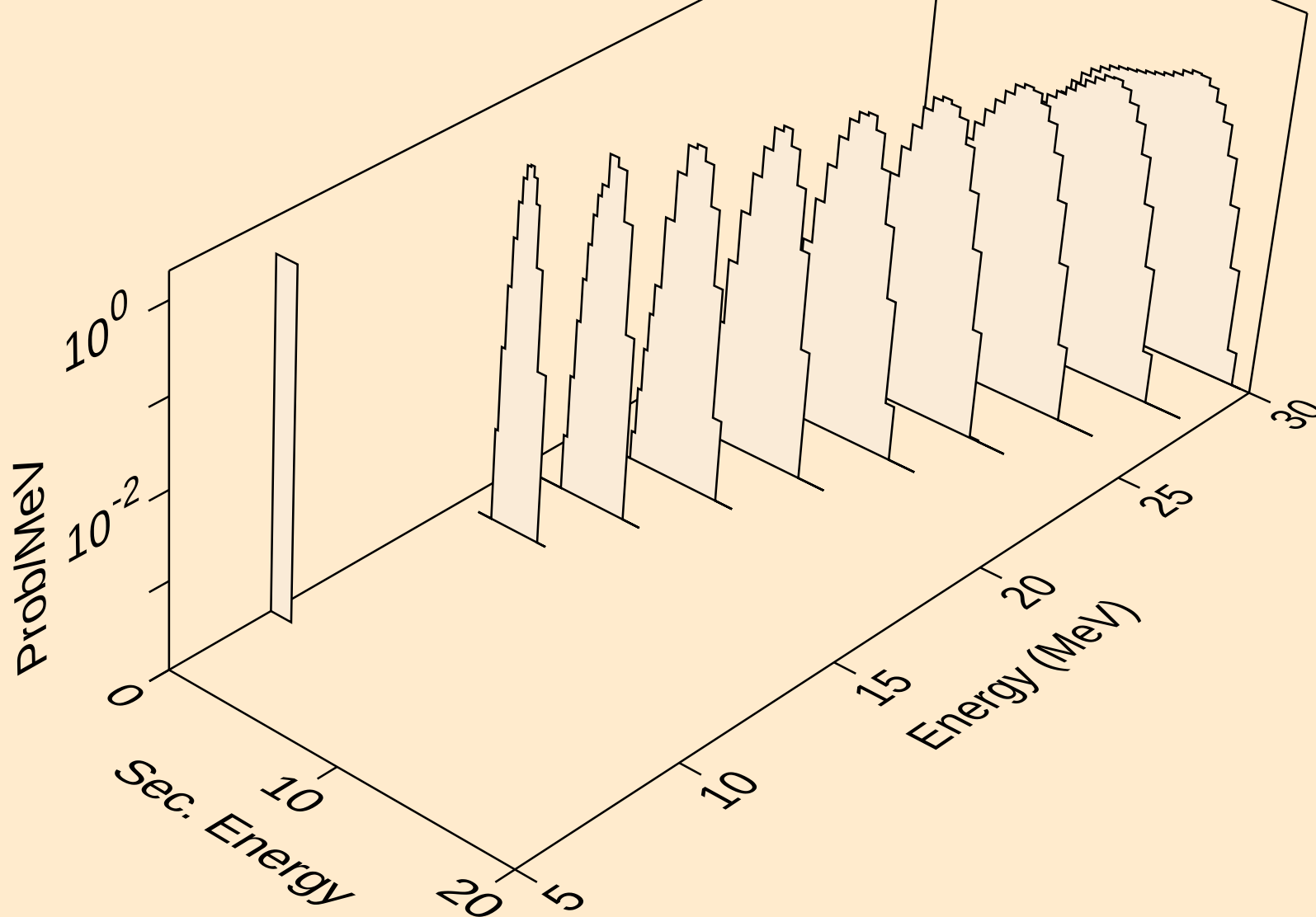
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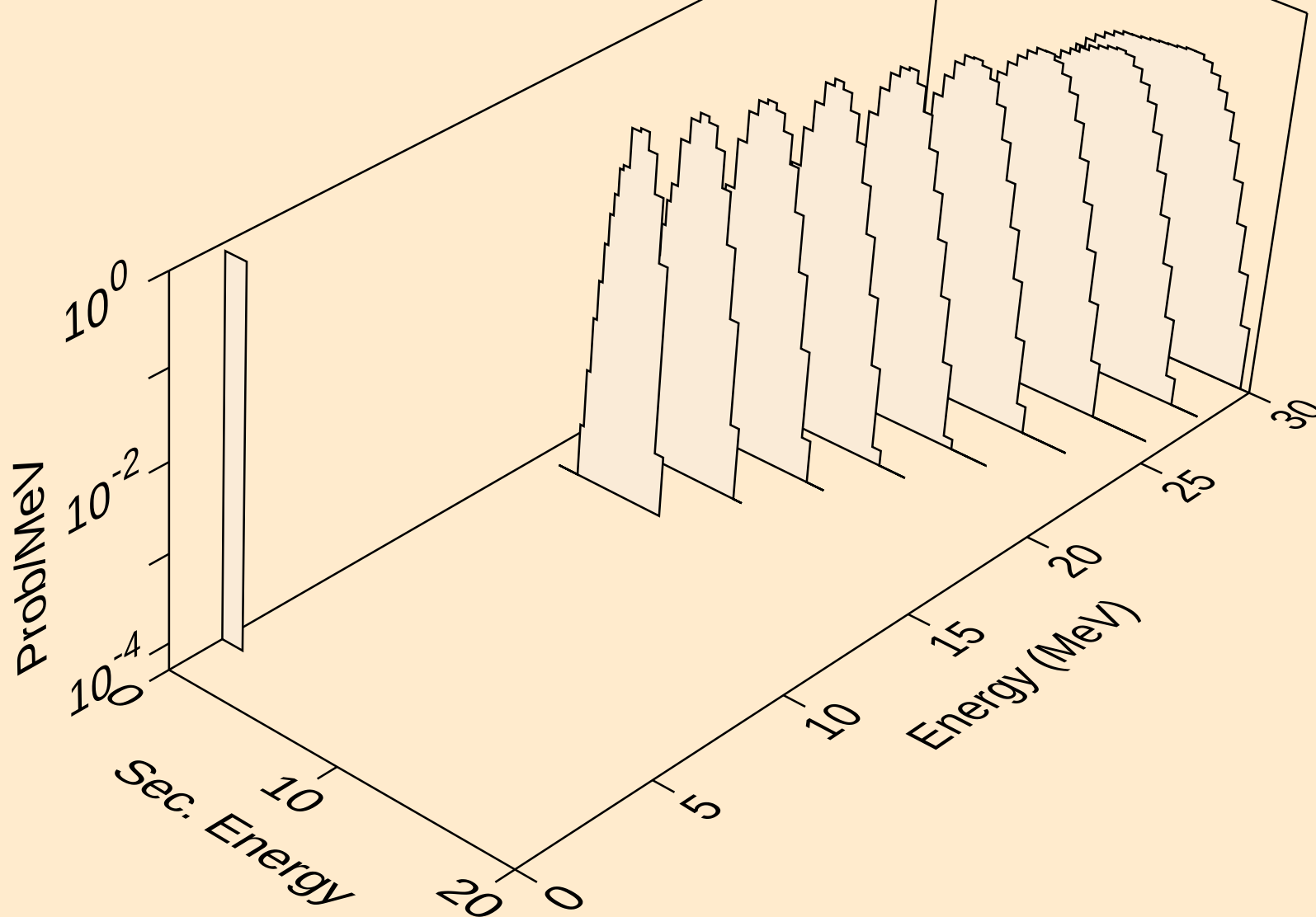
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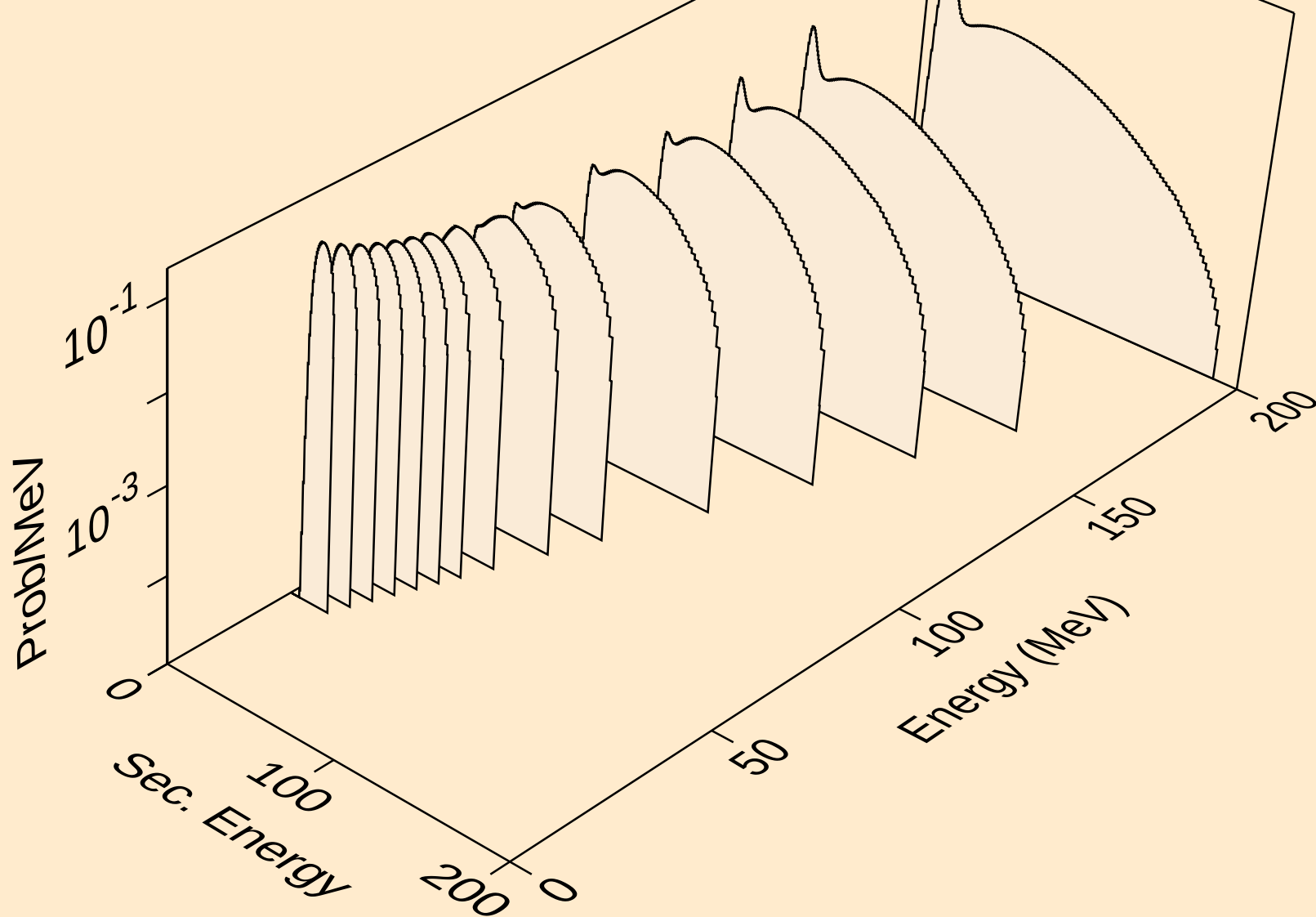
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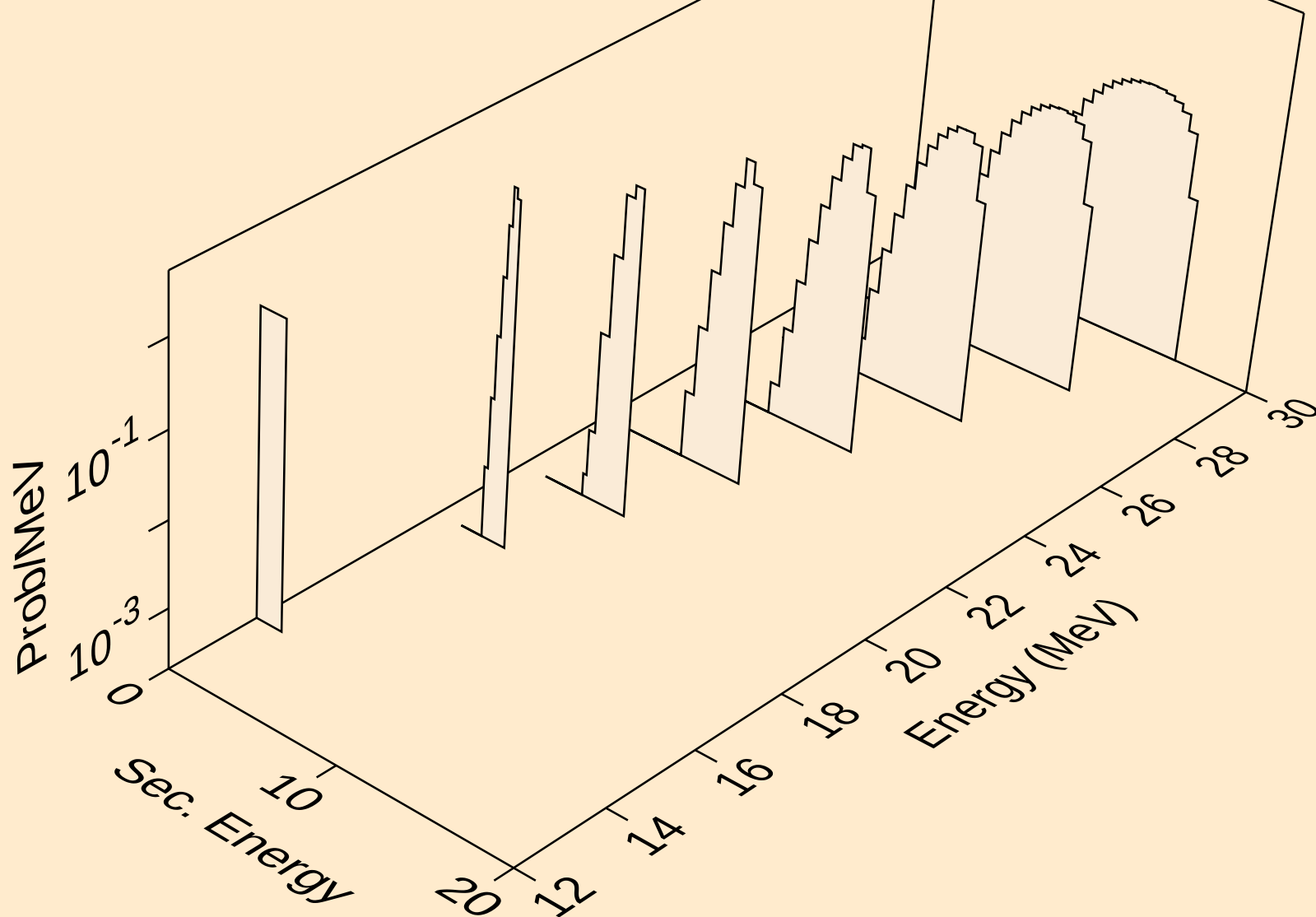
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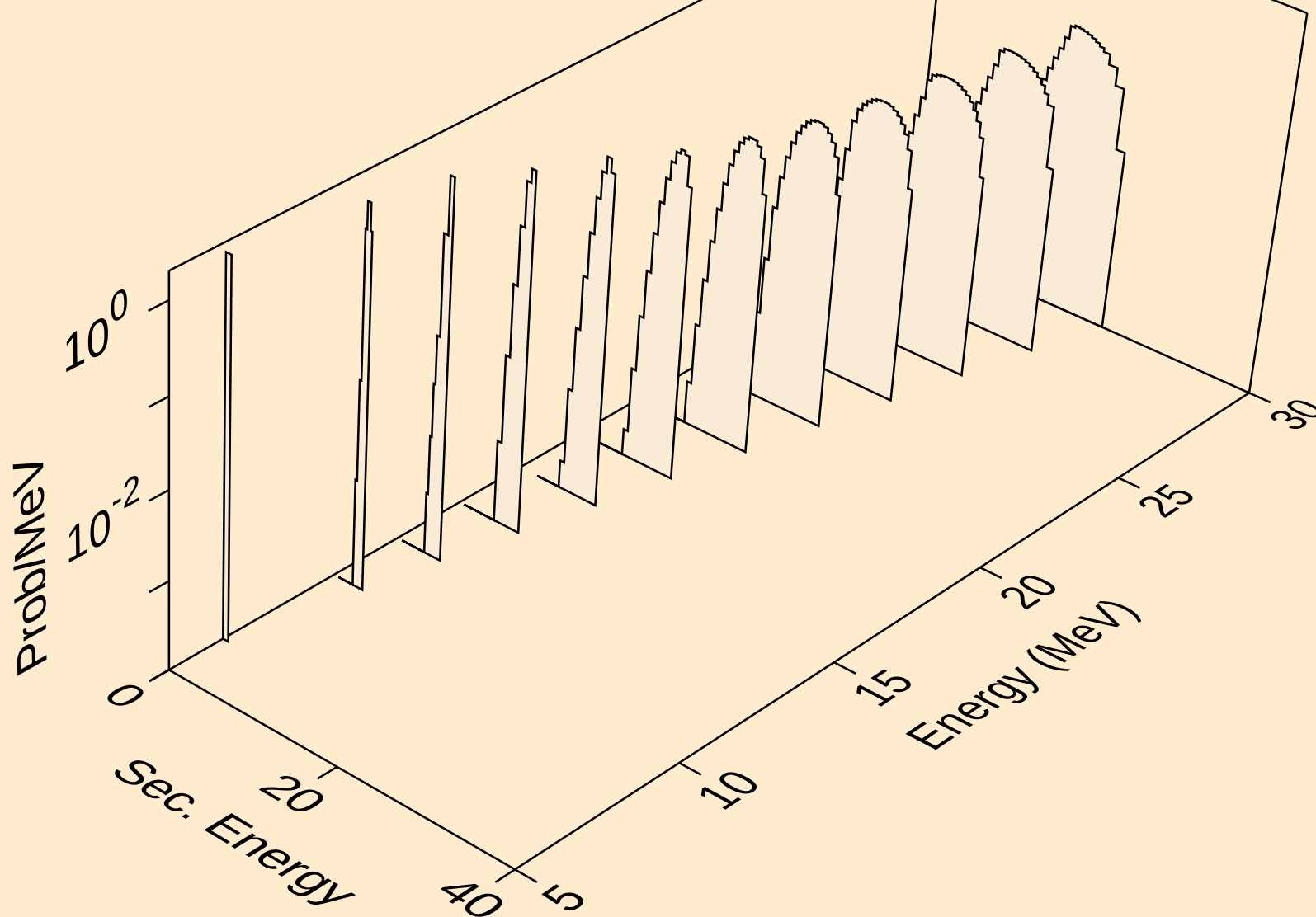
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tritons from (n,x)



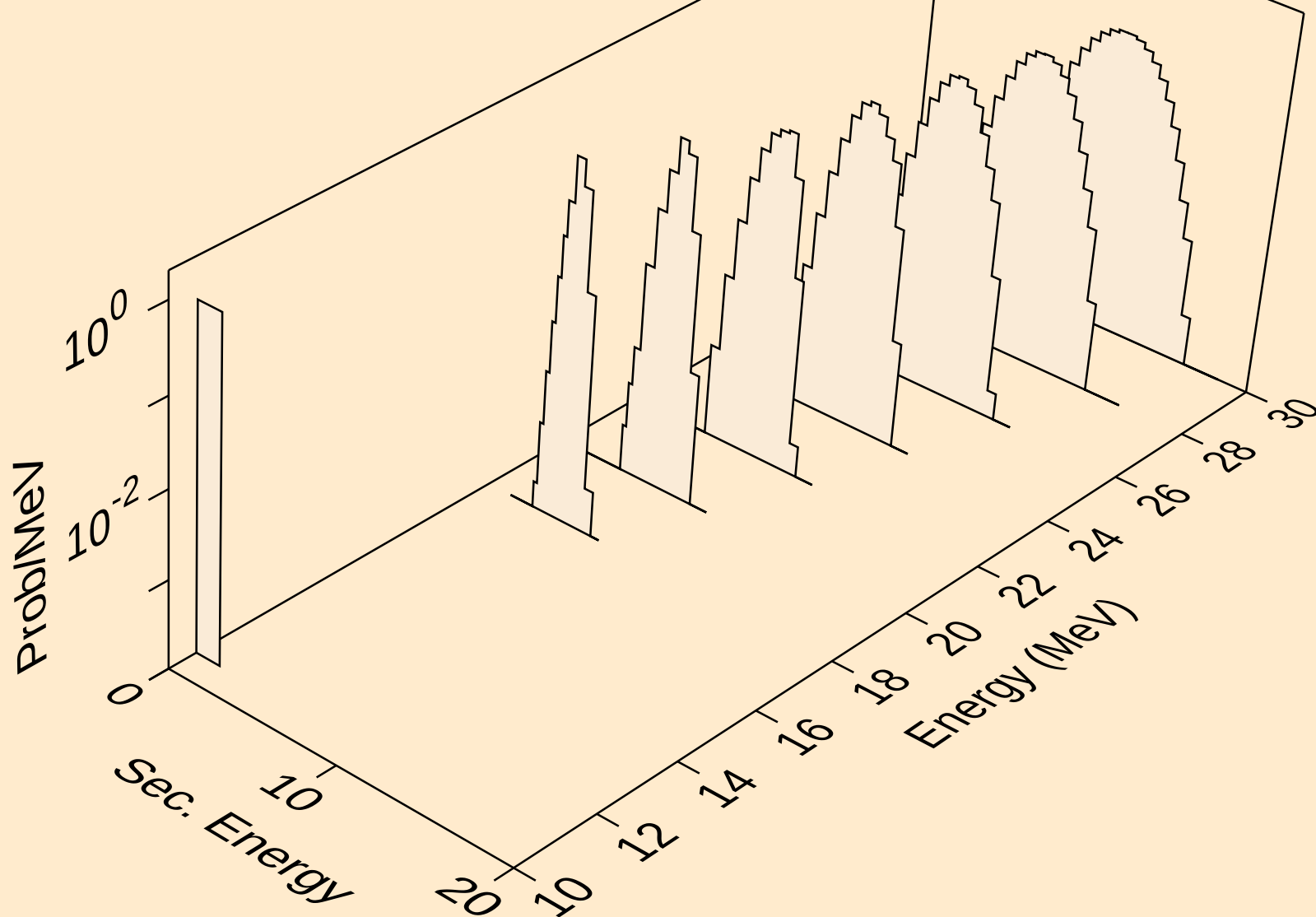
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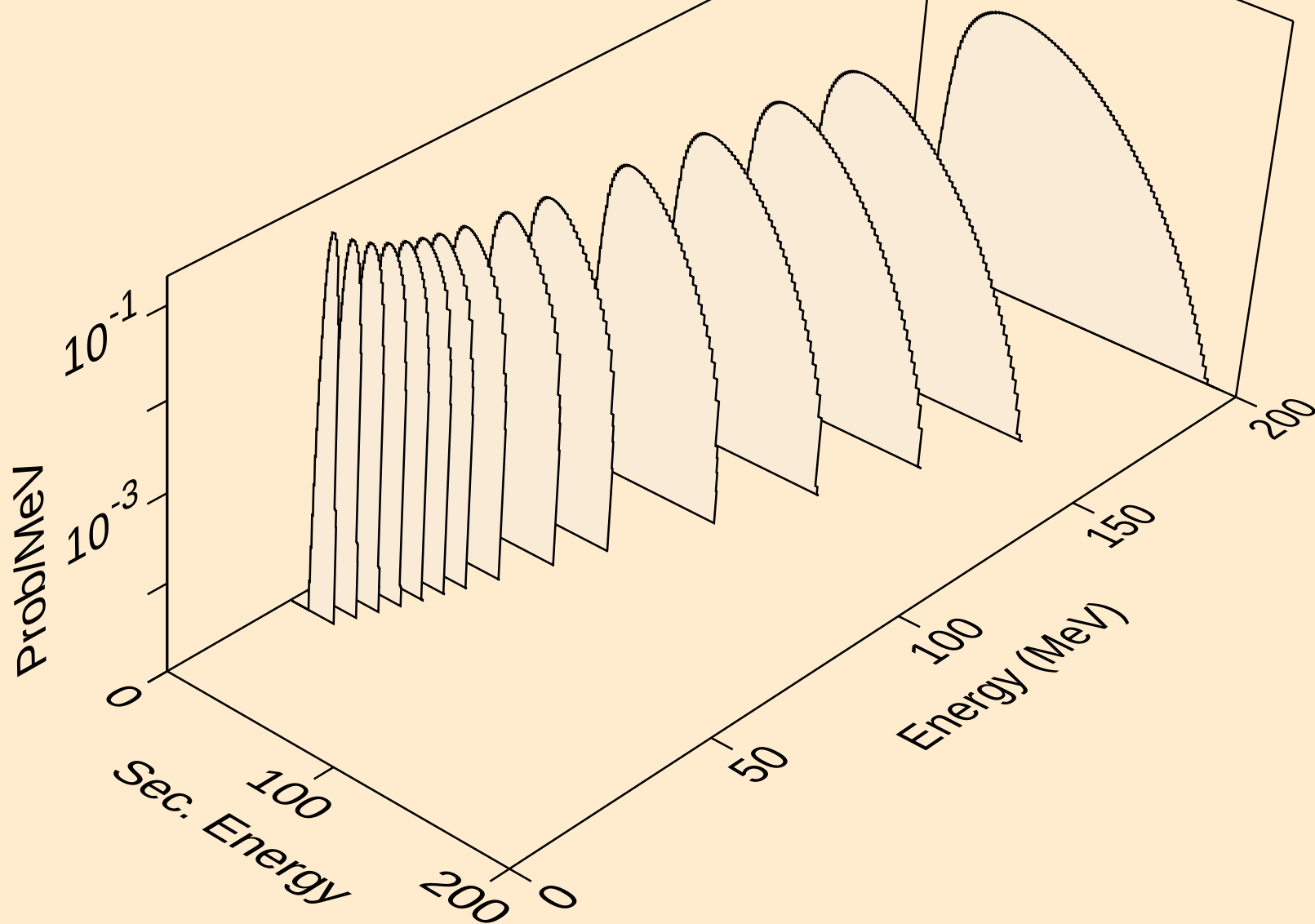
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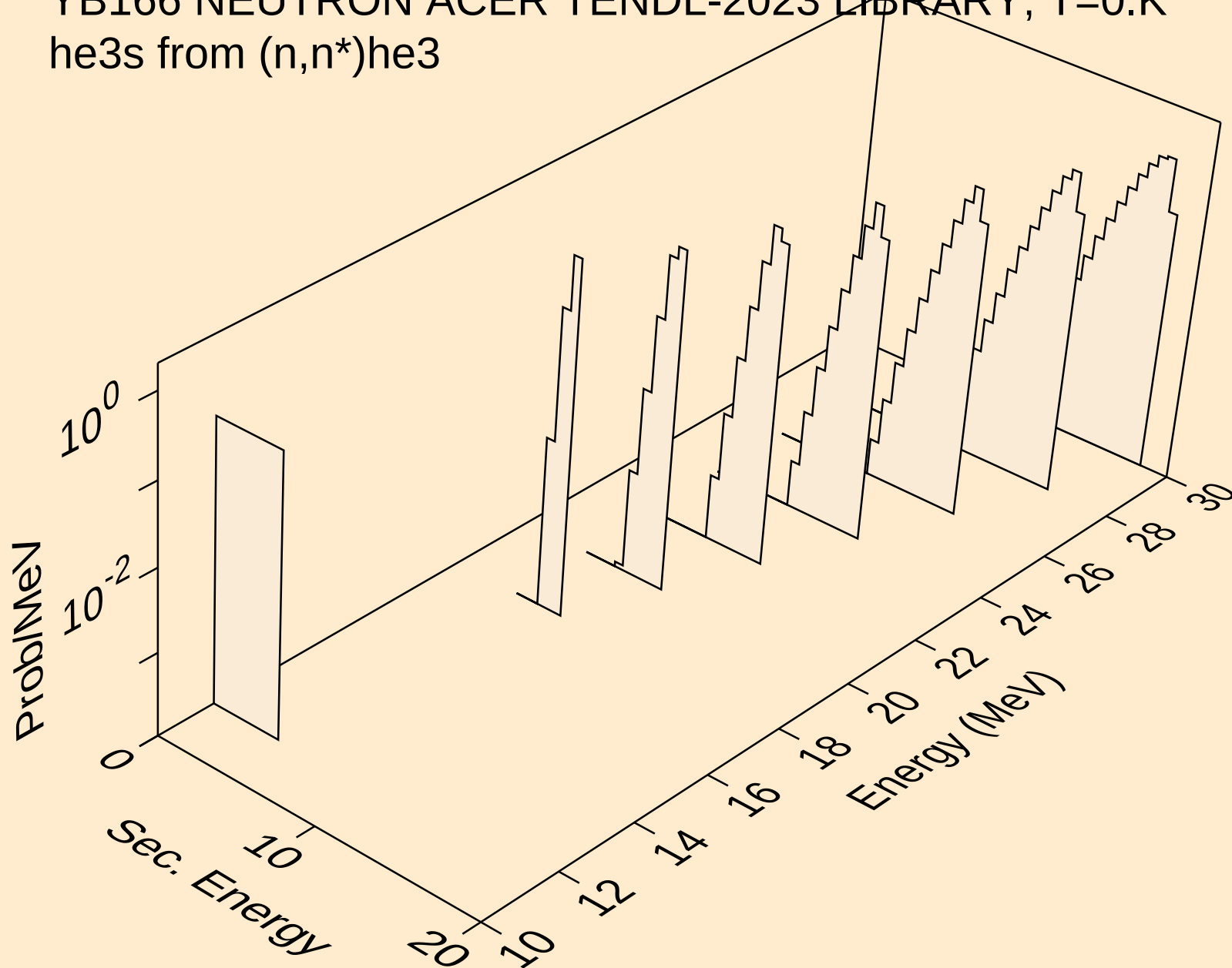
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tritons from (n,pt)



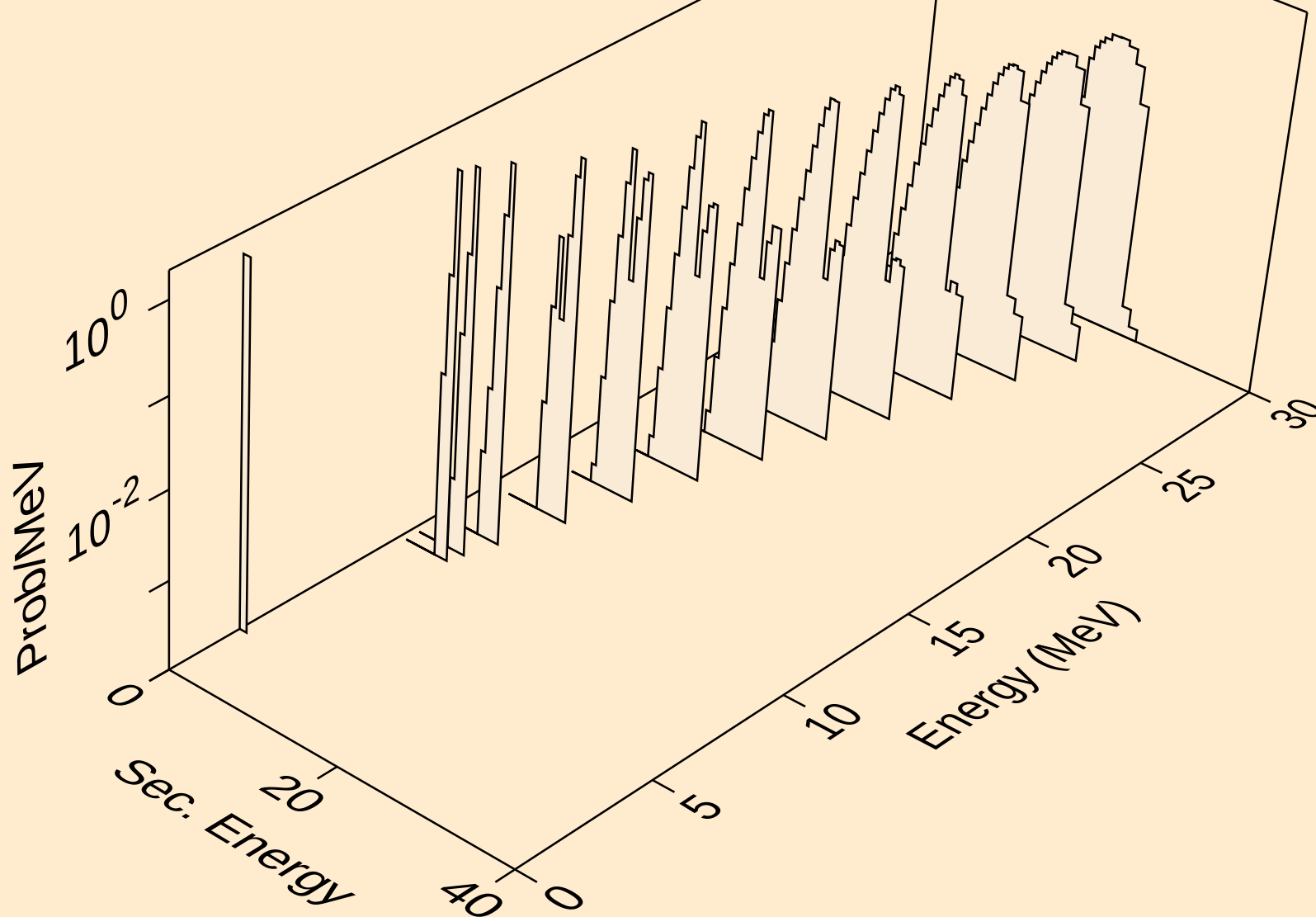
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



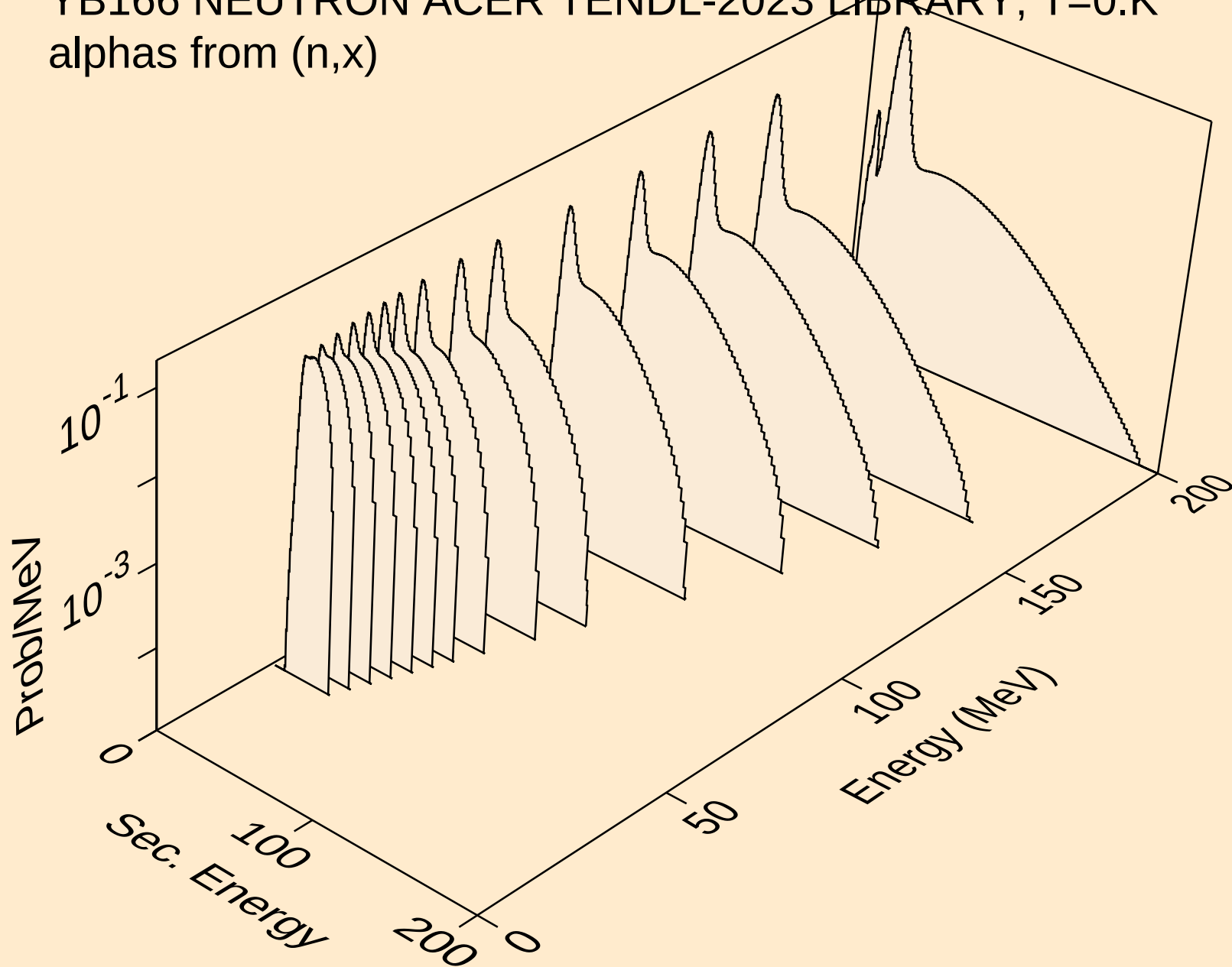
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



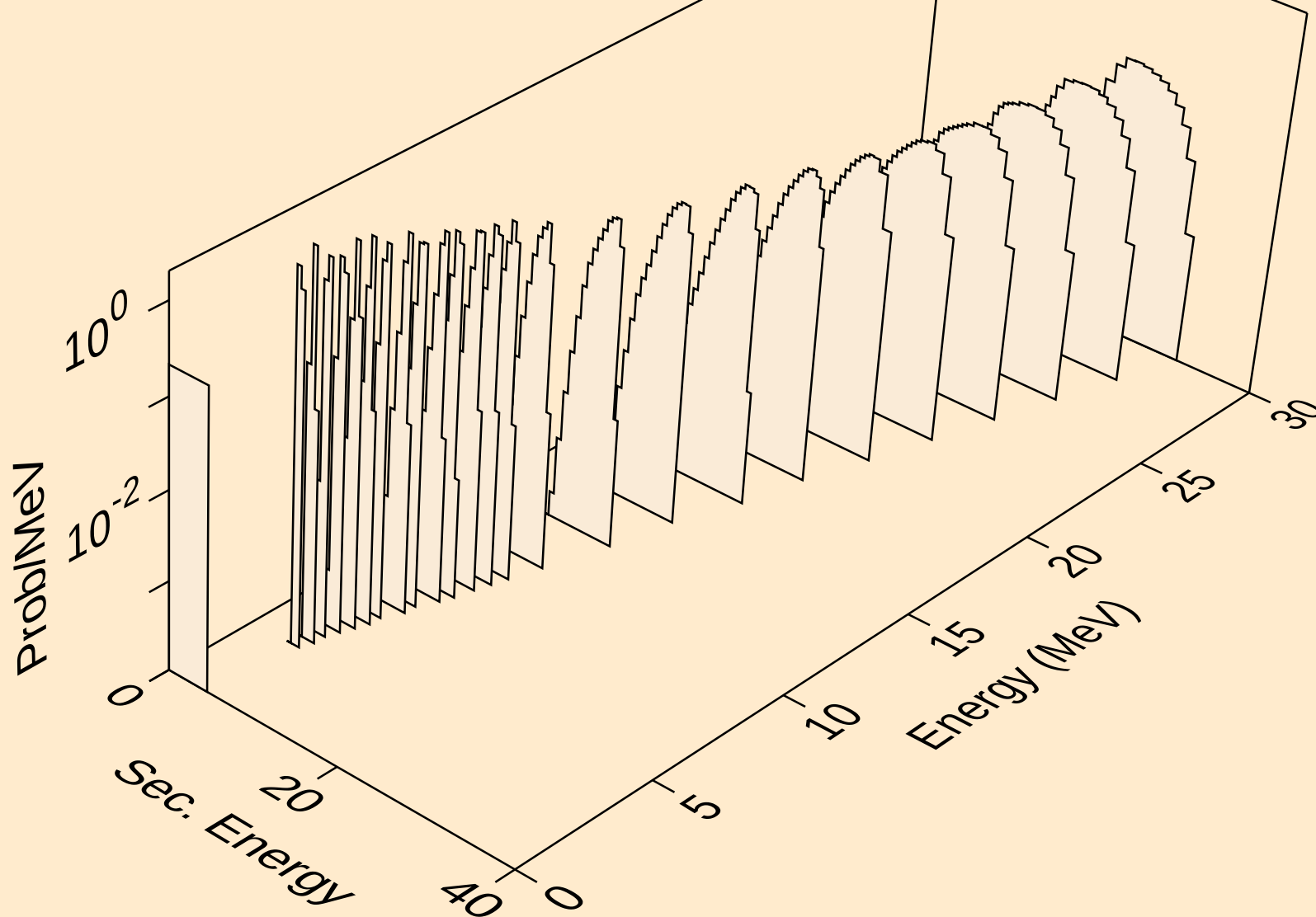
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he3s from (n,he3)



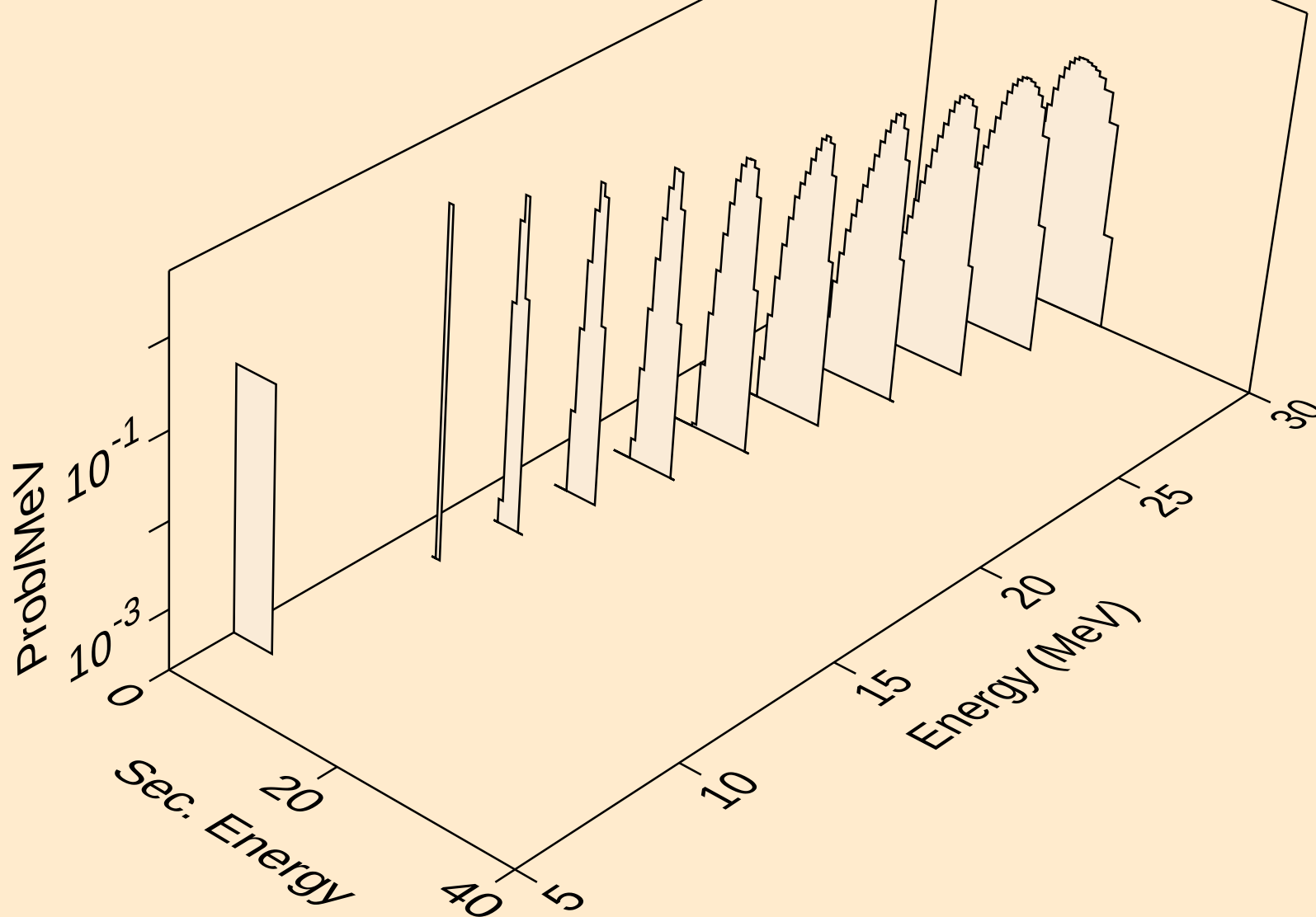
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



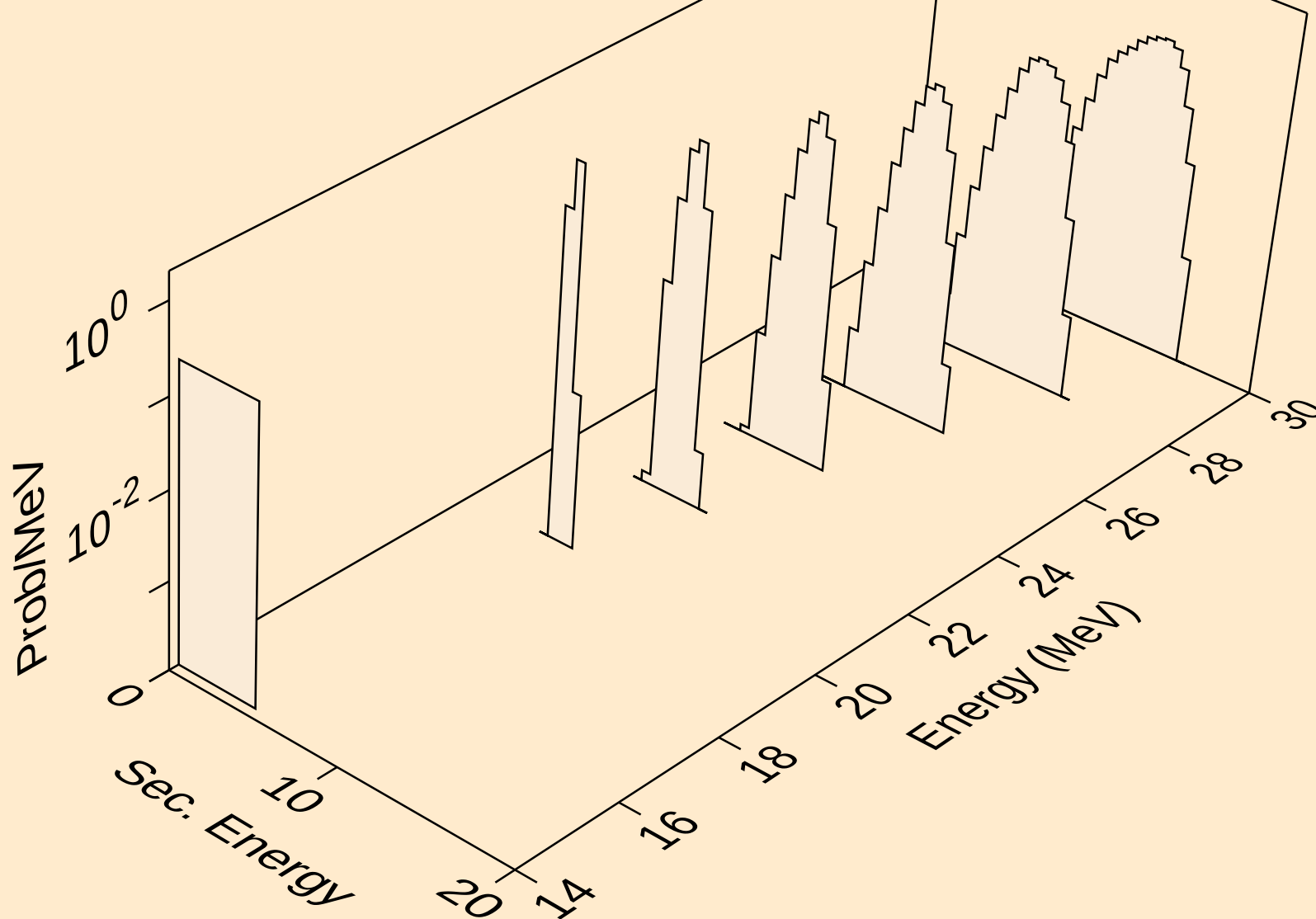
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



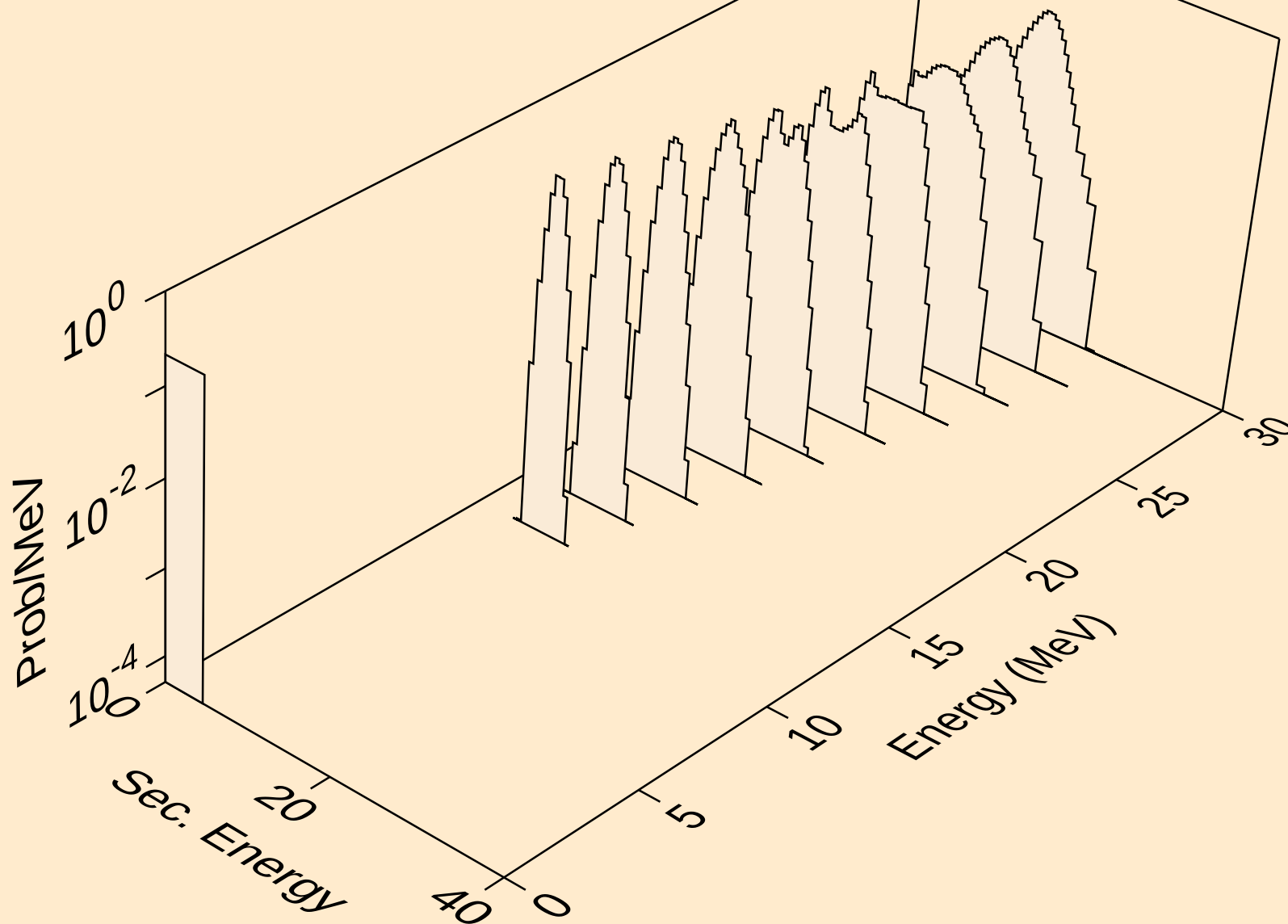
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alphas from (n,2n)a



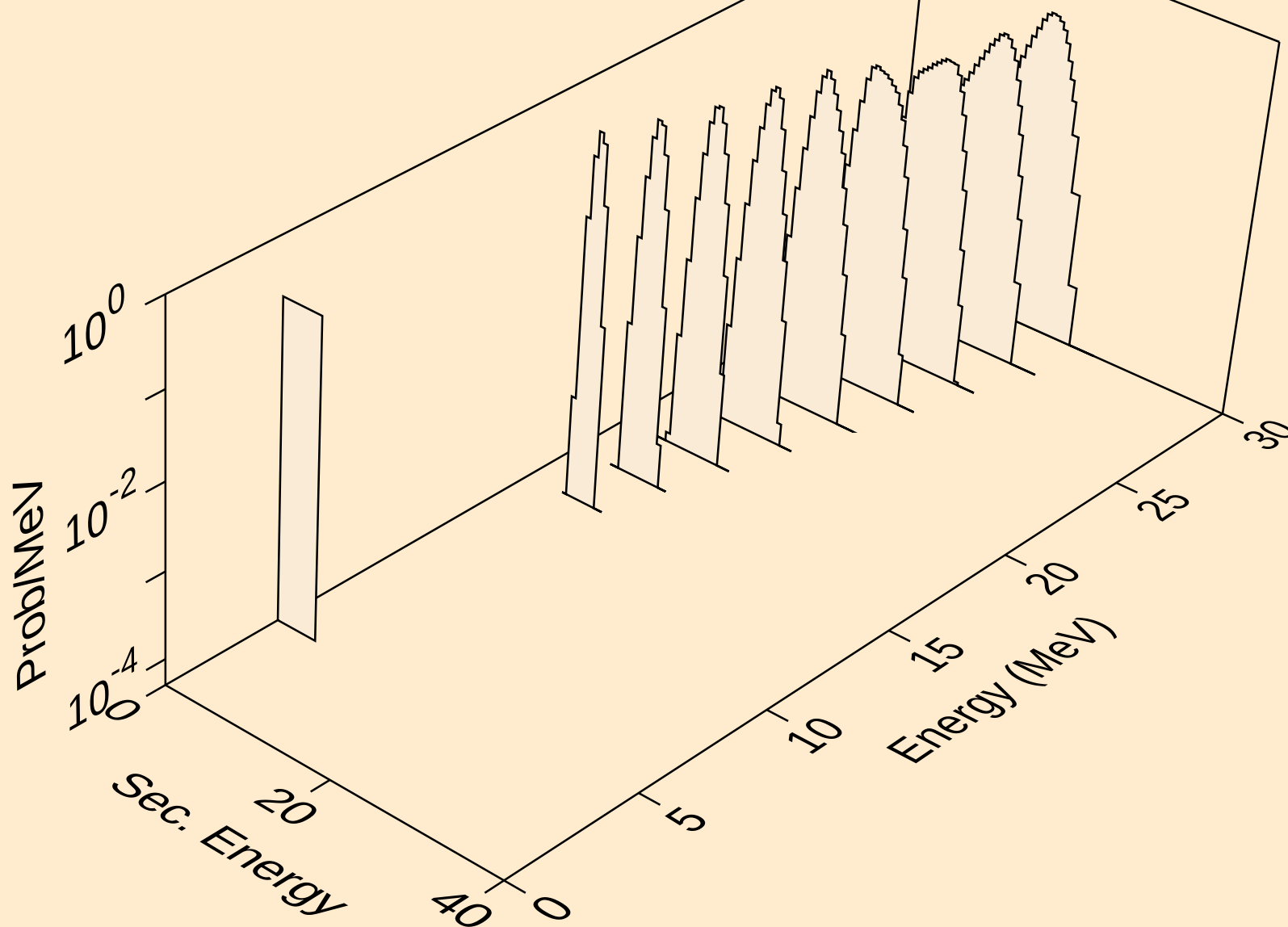
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alphas from (n,3n)a



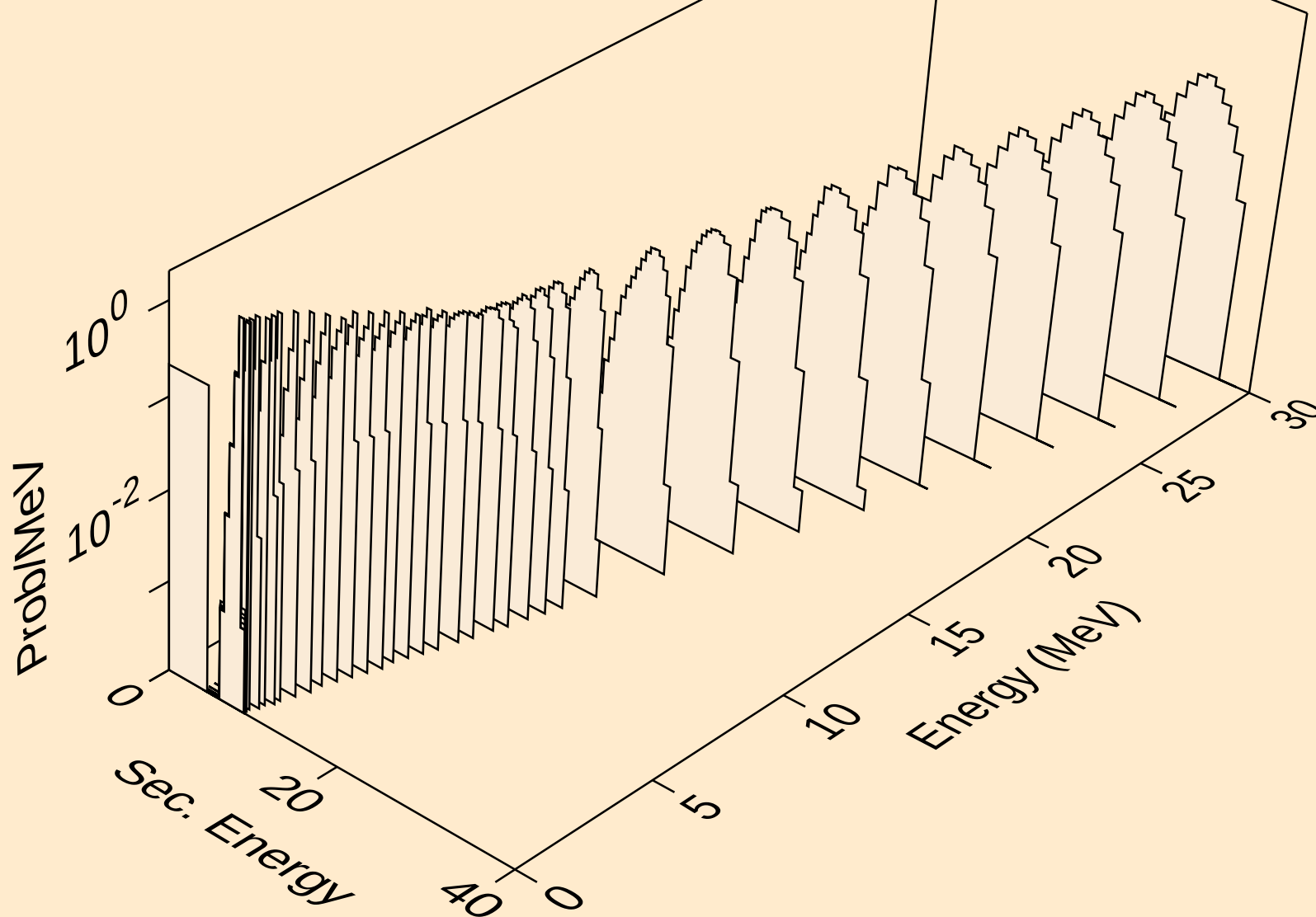
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alphas from (n,n\*)2a



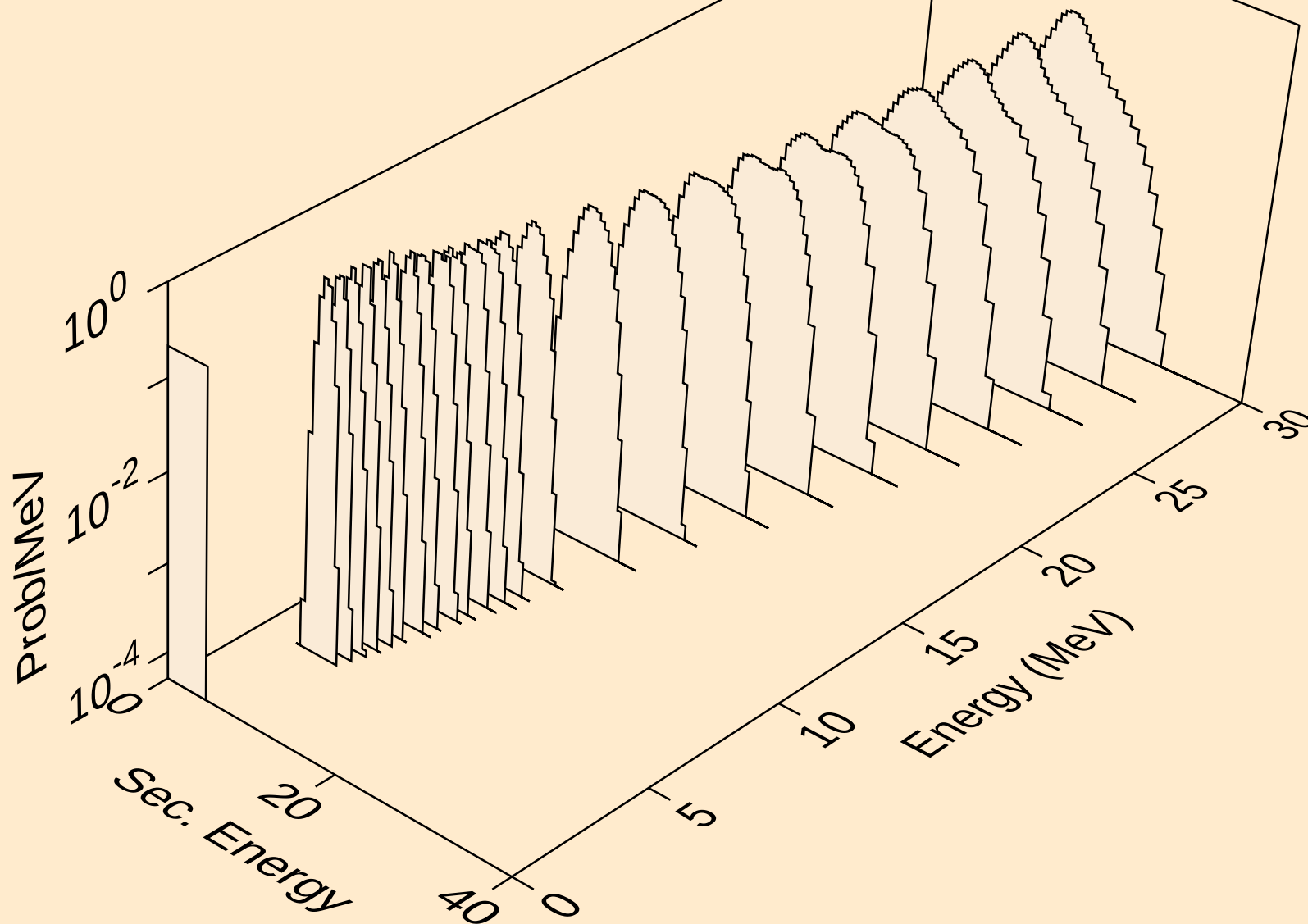
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



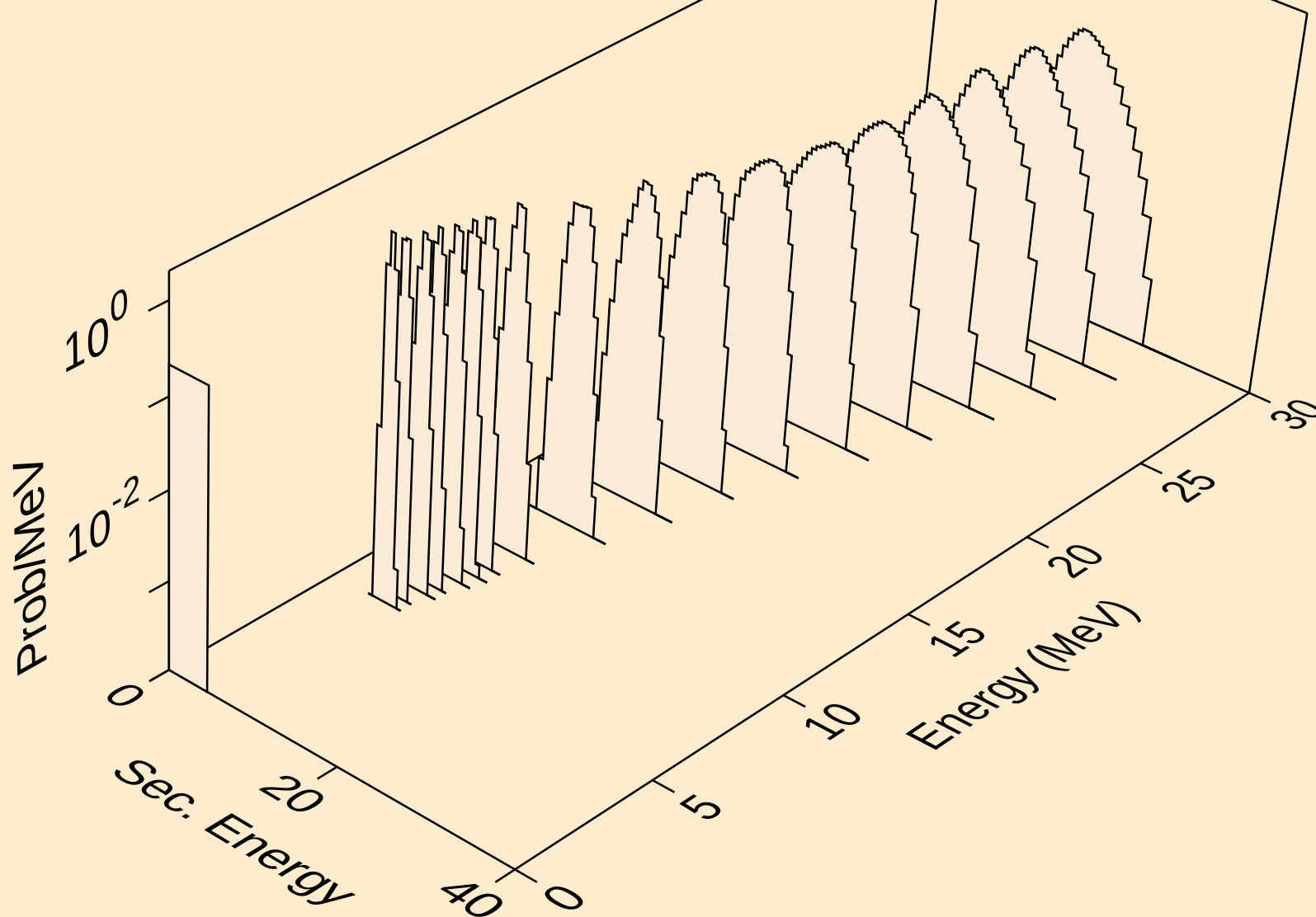
YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



YB166 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

