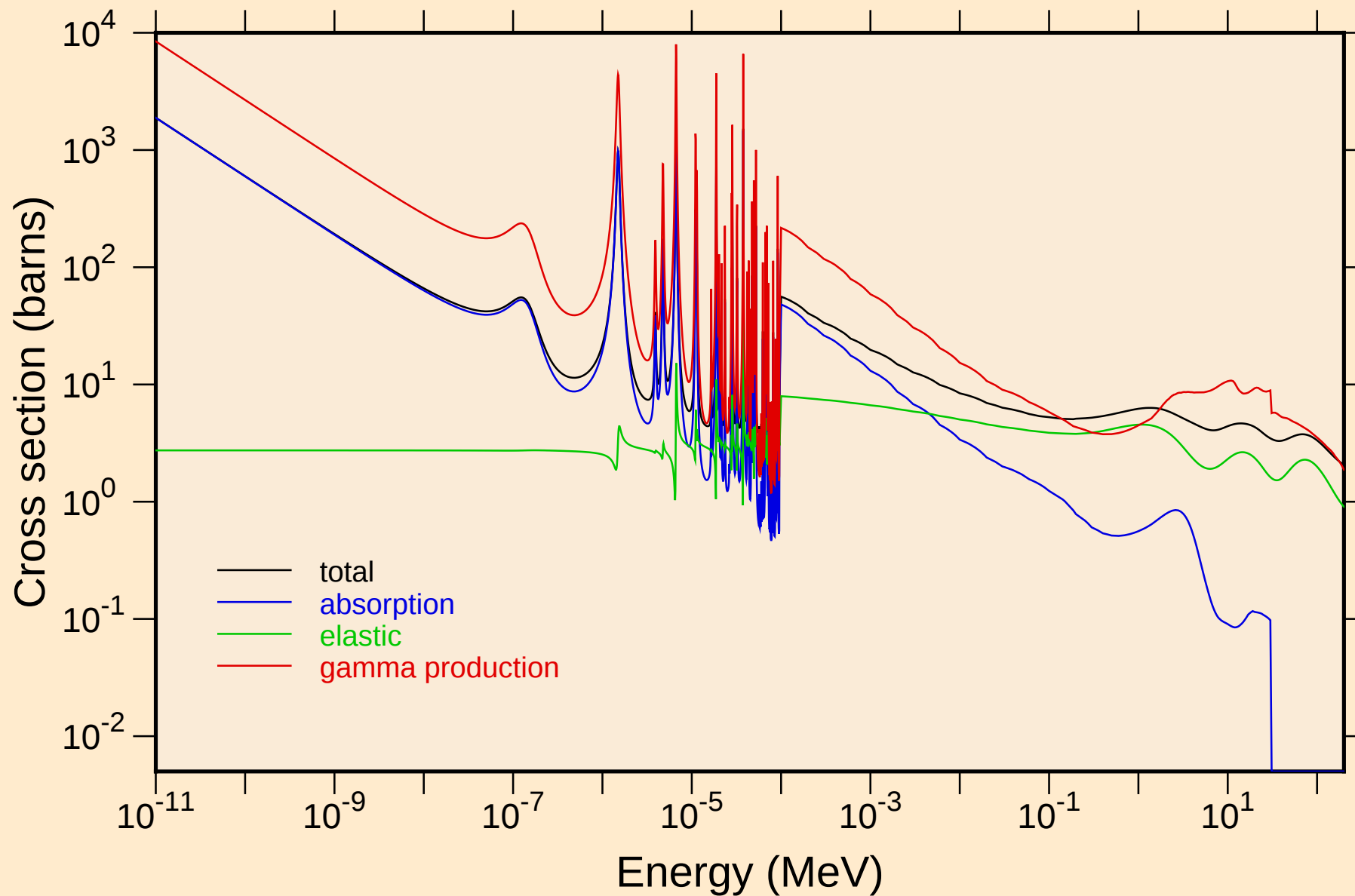
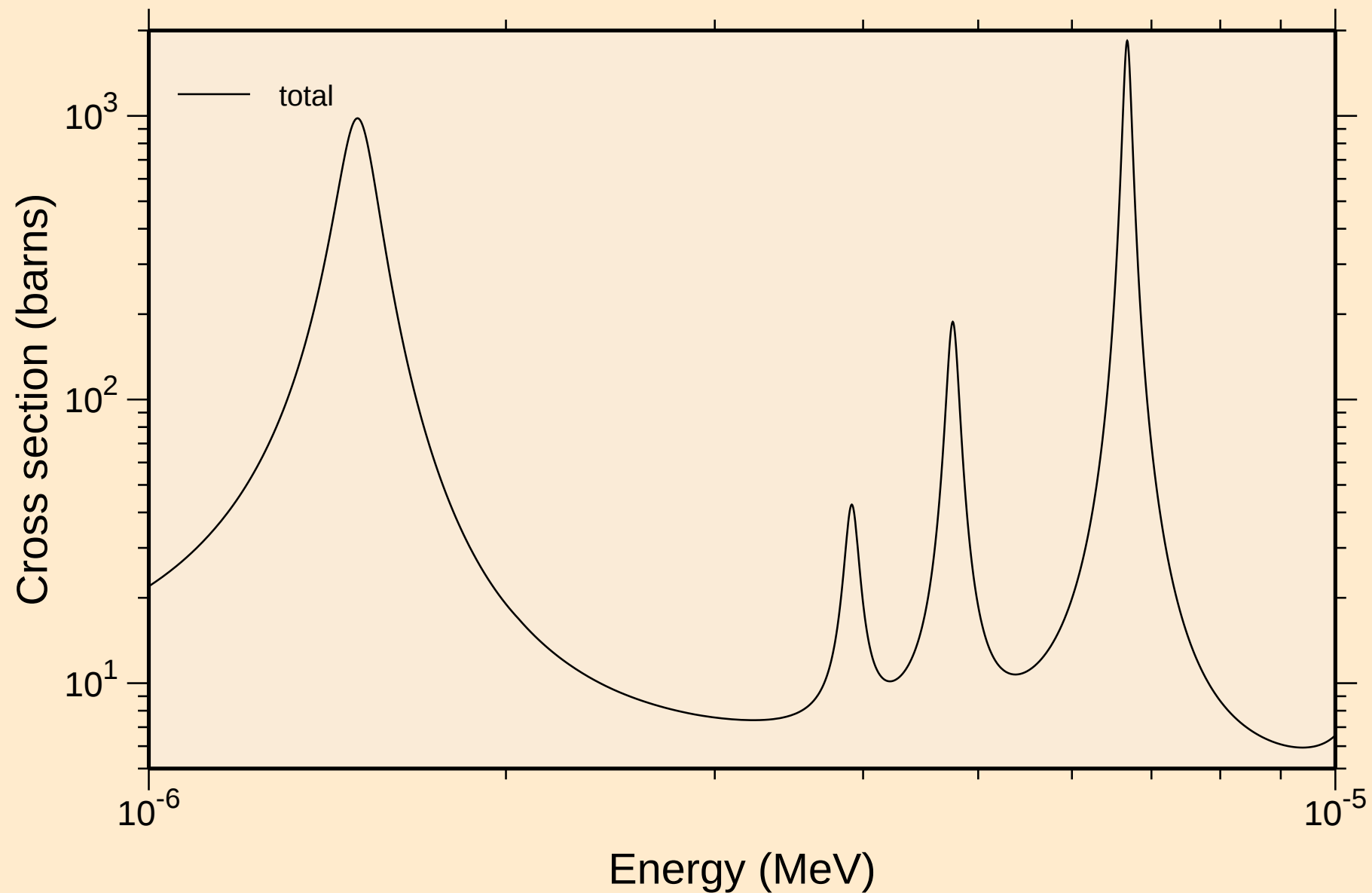


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

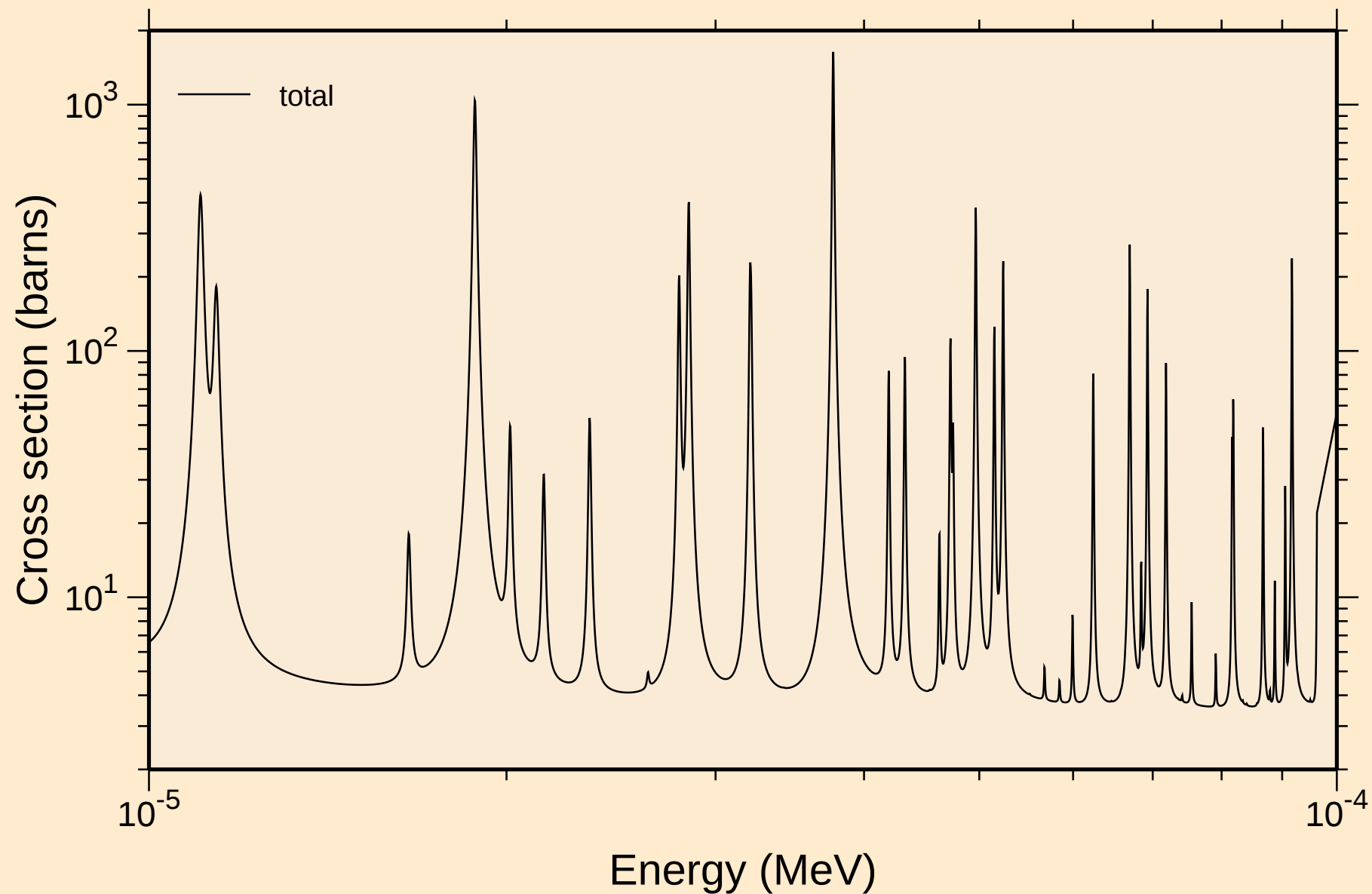
## Principal cross sections



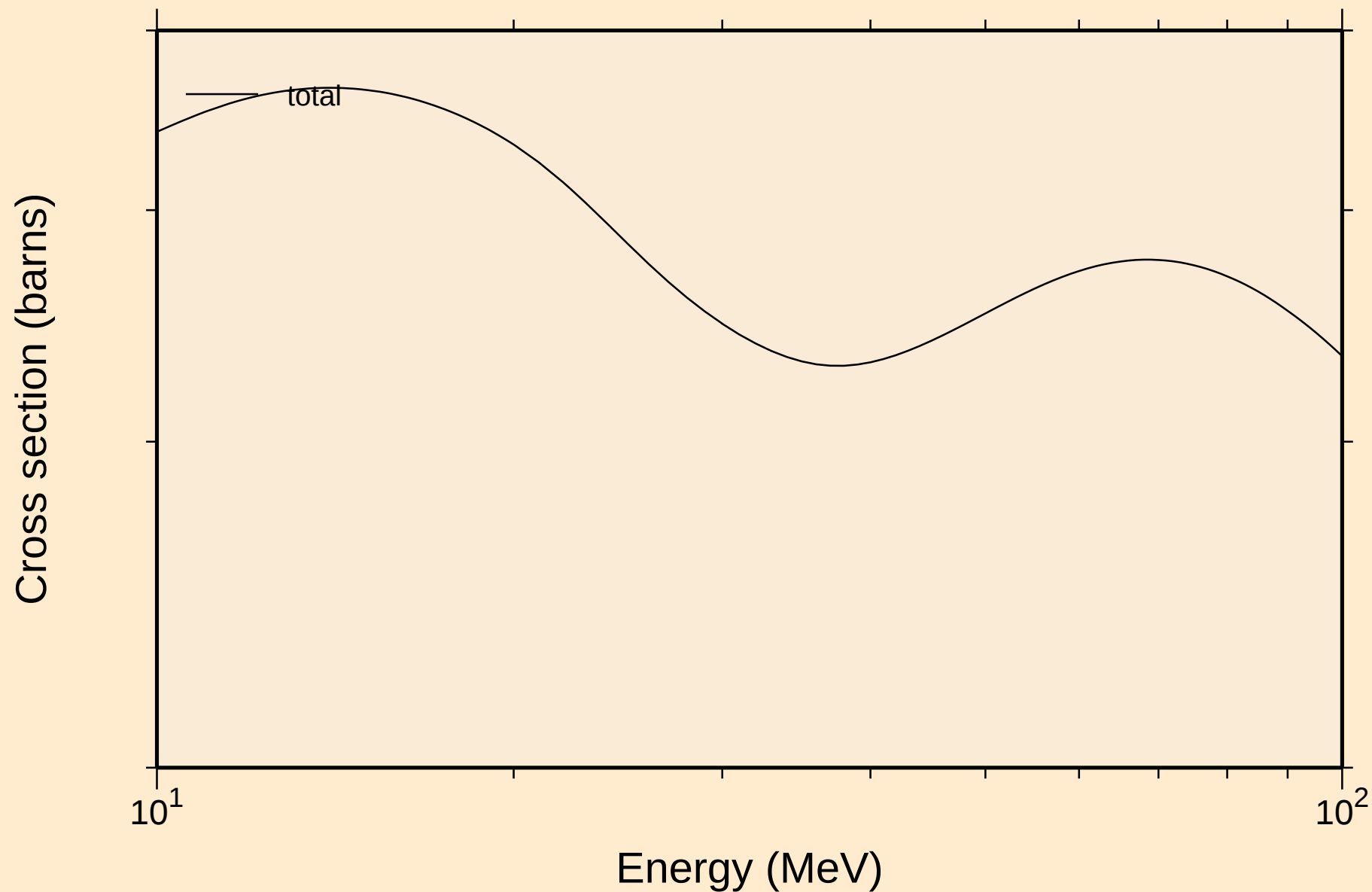
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



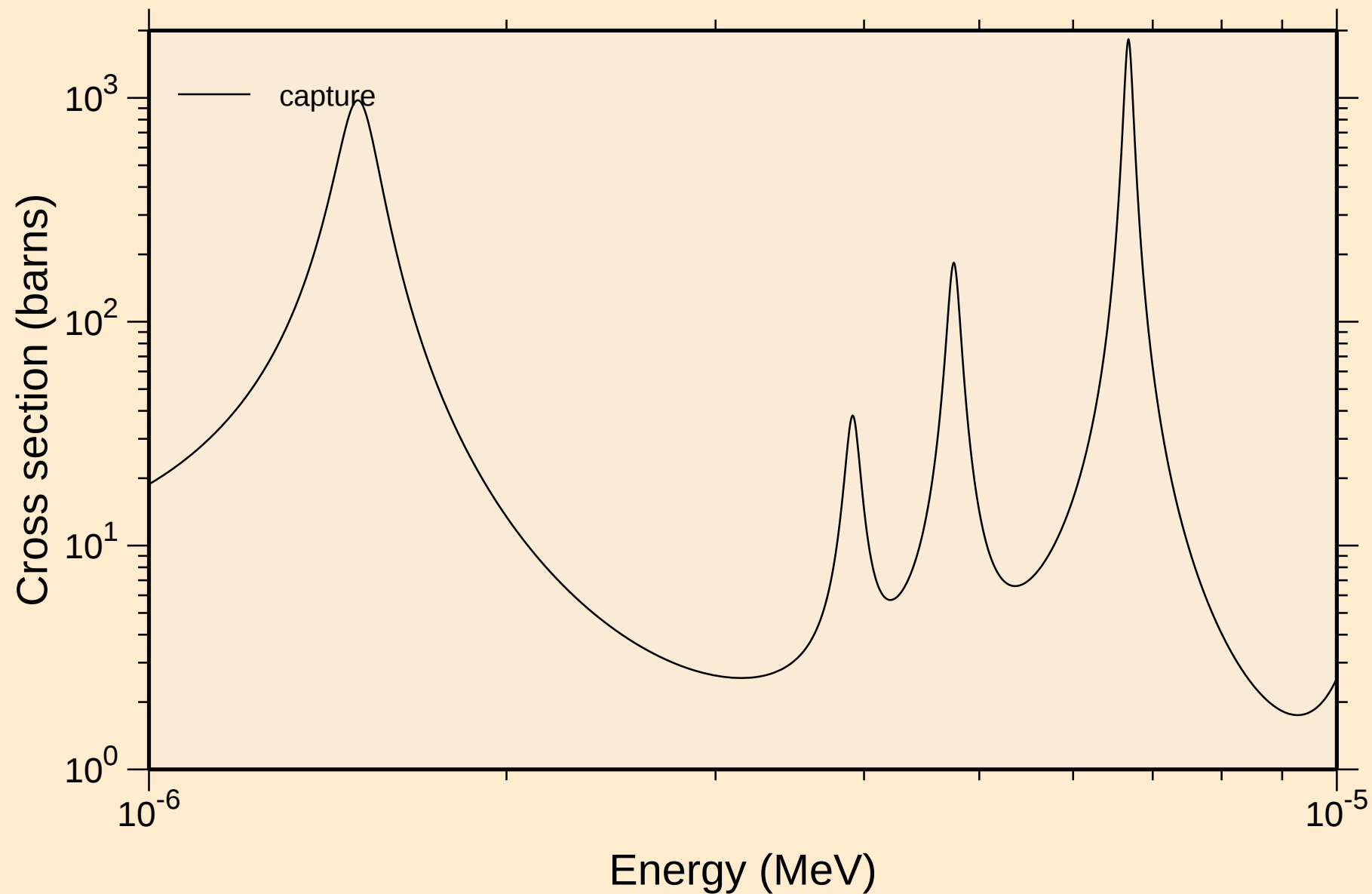
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



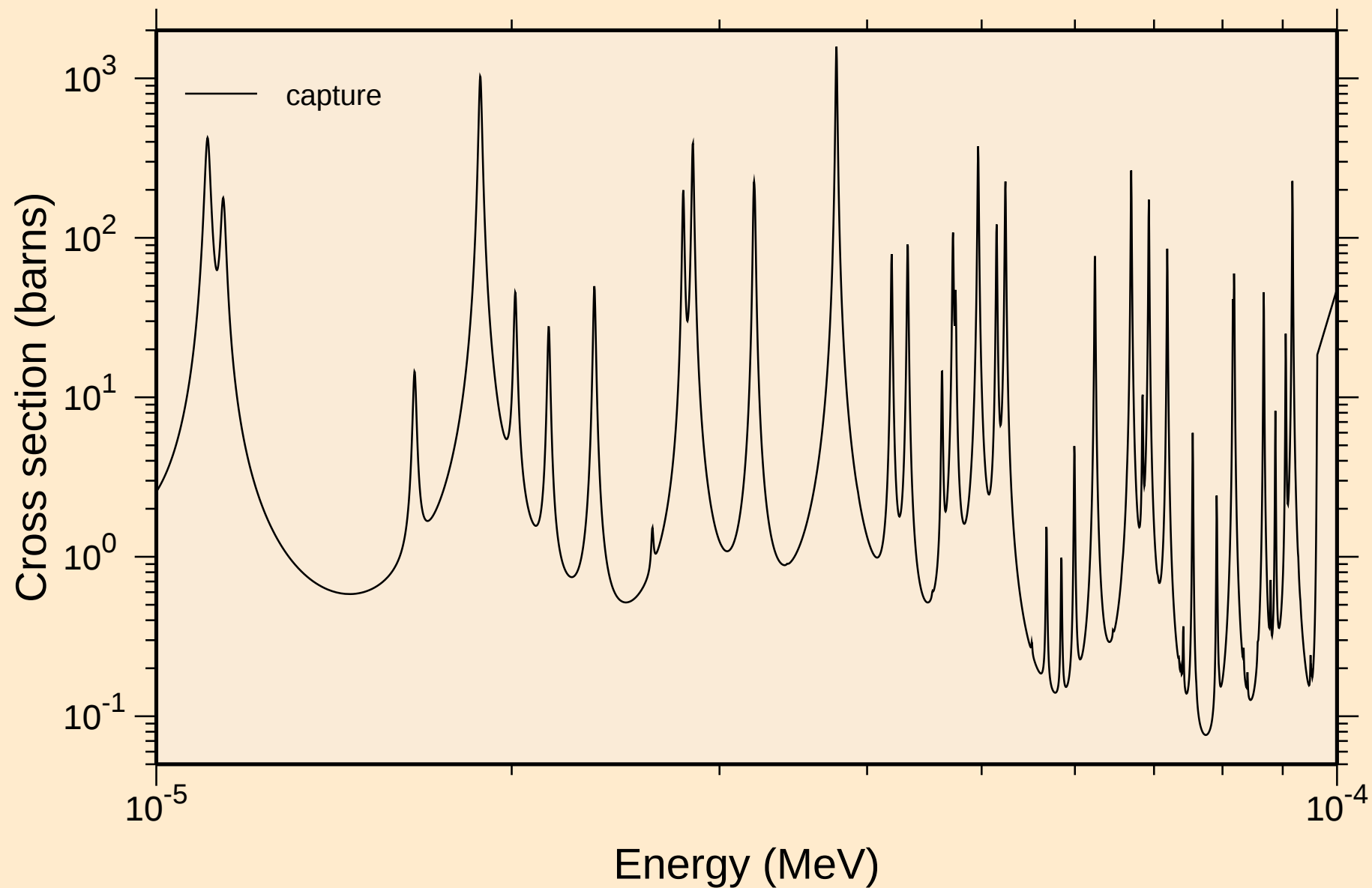
C<sup>125</sup> NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



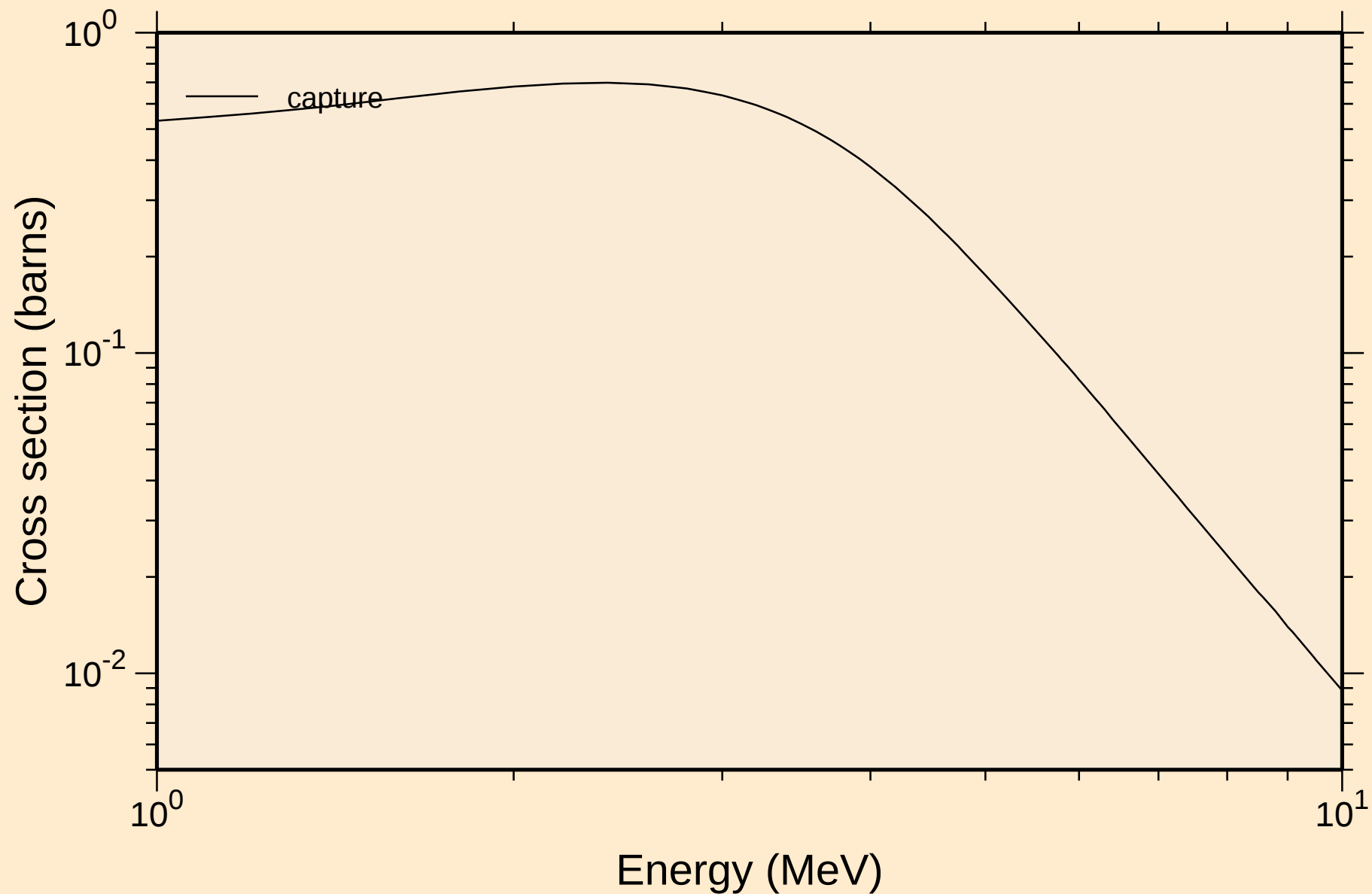
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

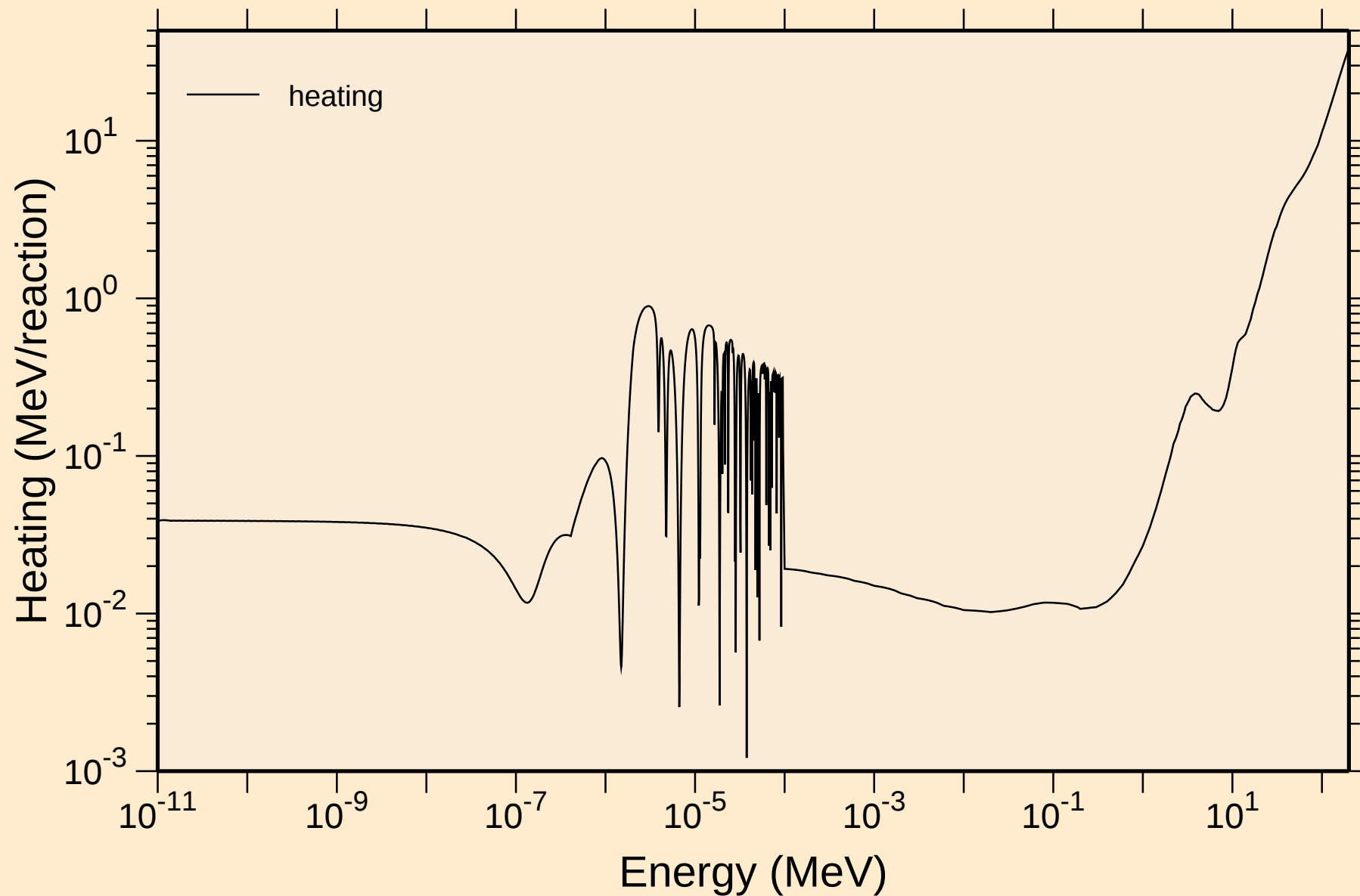


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



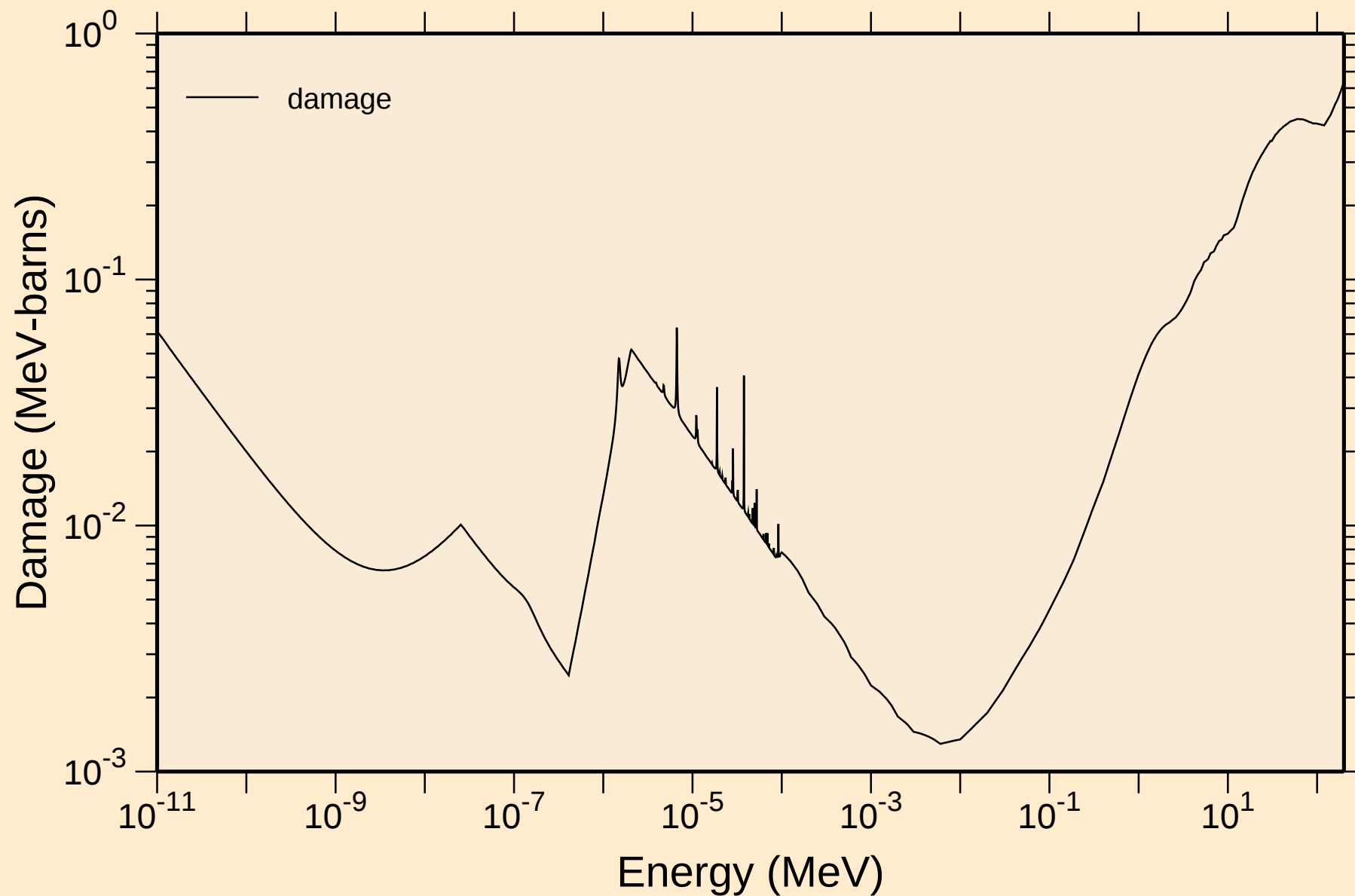
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

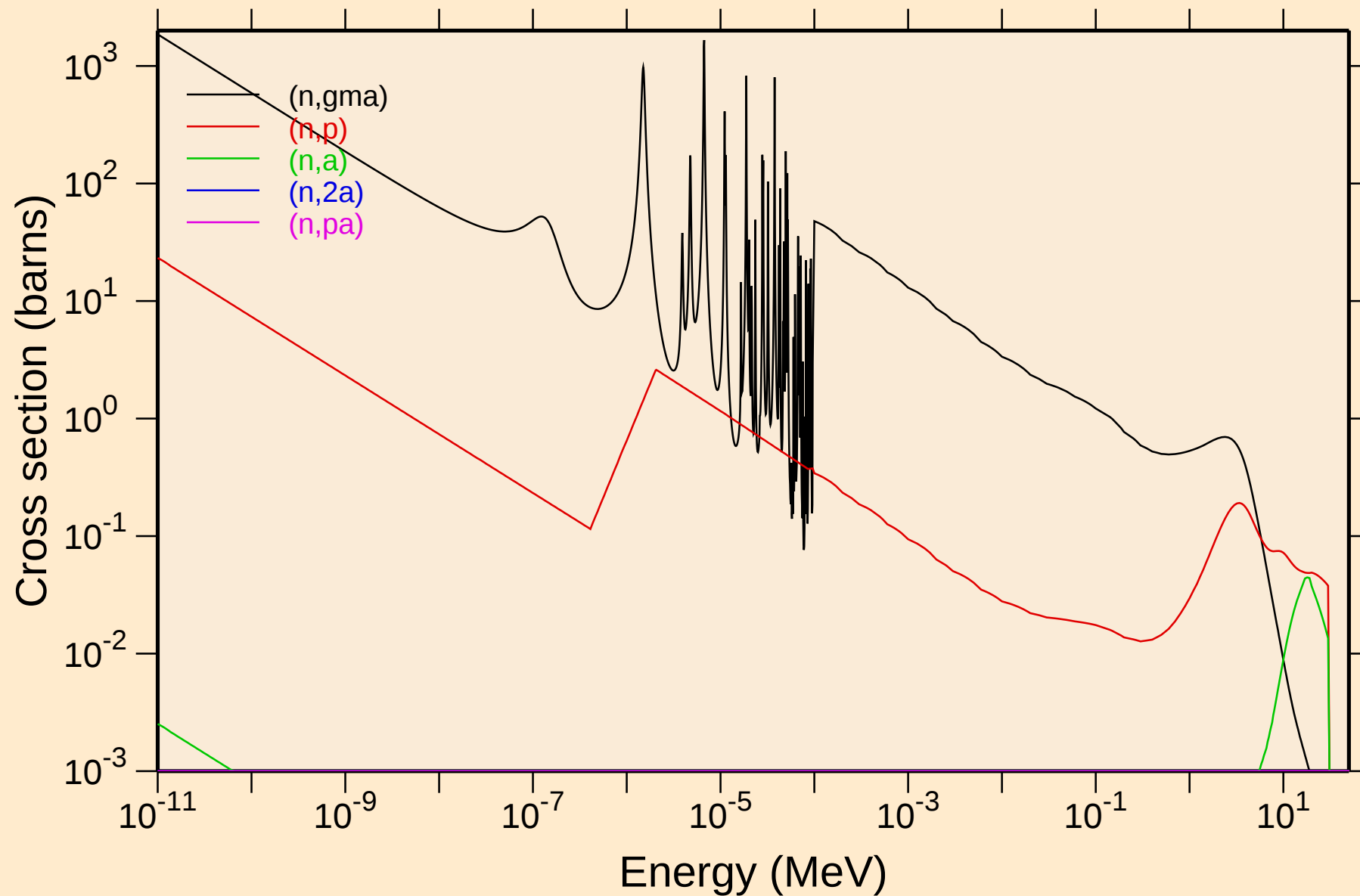


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

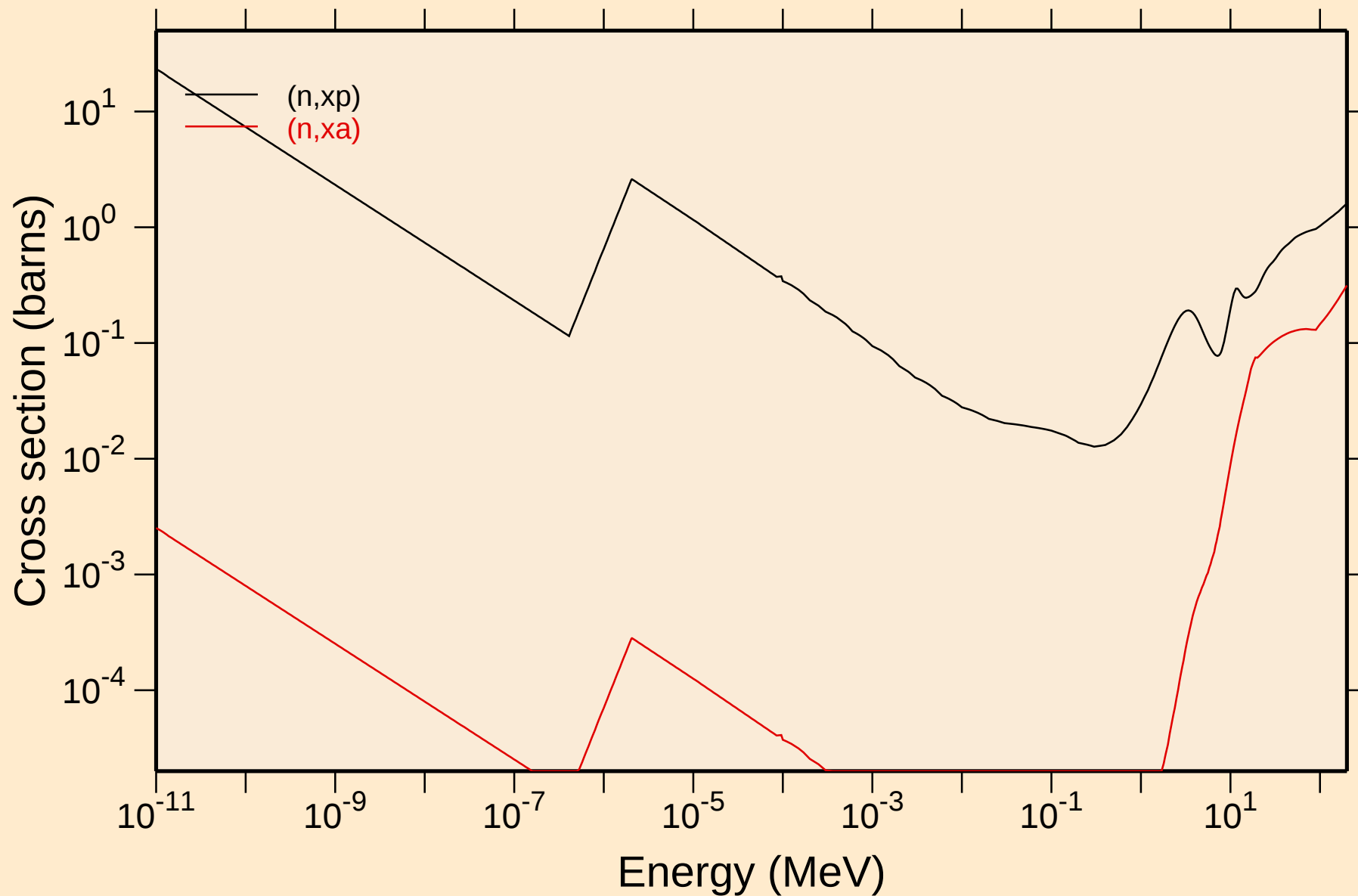
Damage



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

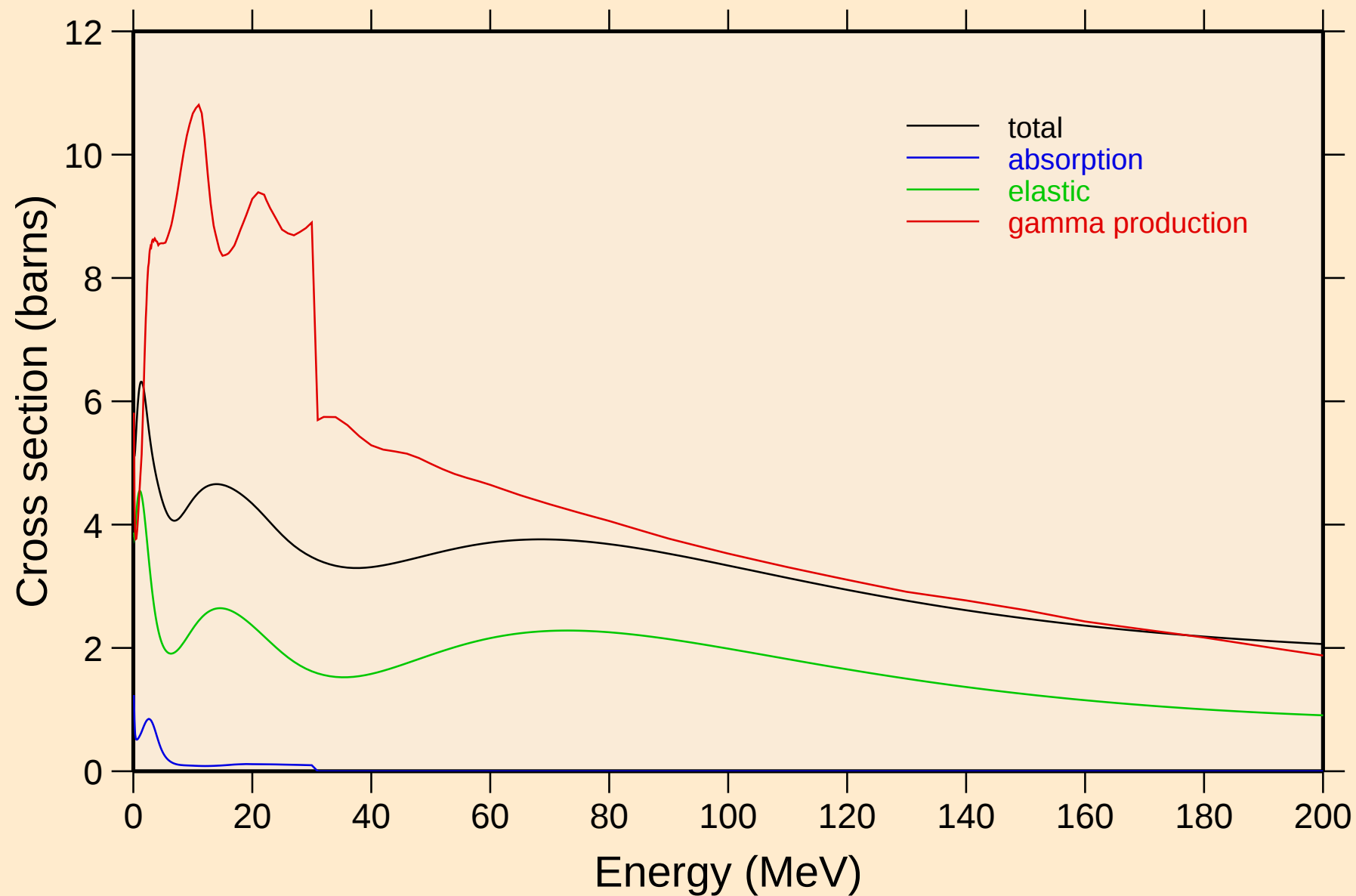


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



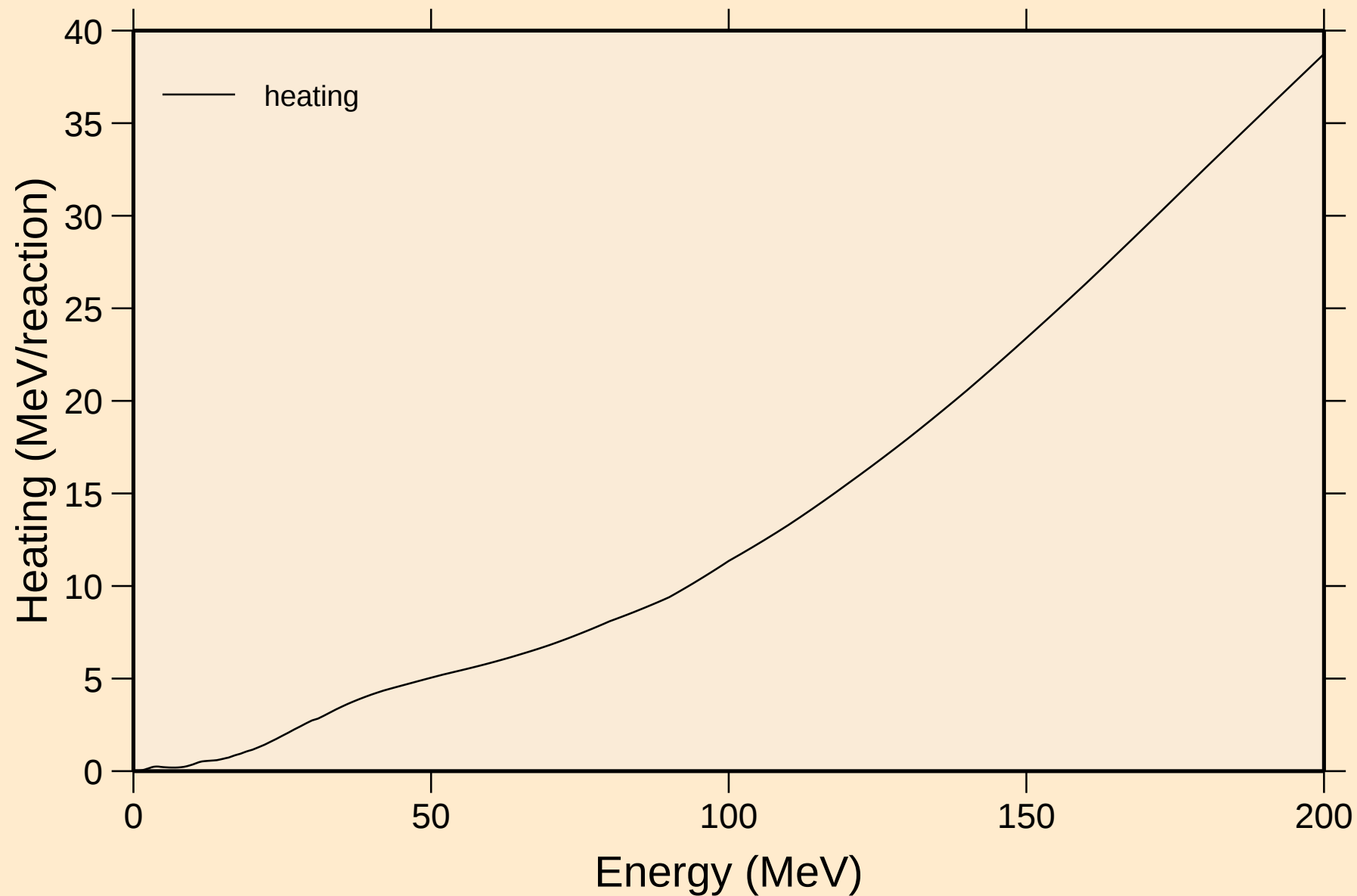
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## Principal cross sections



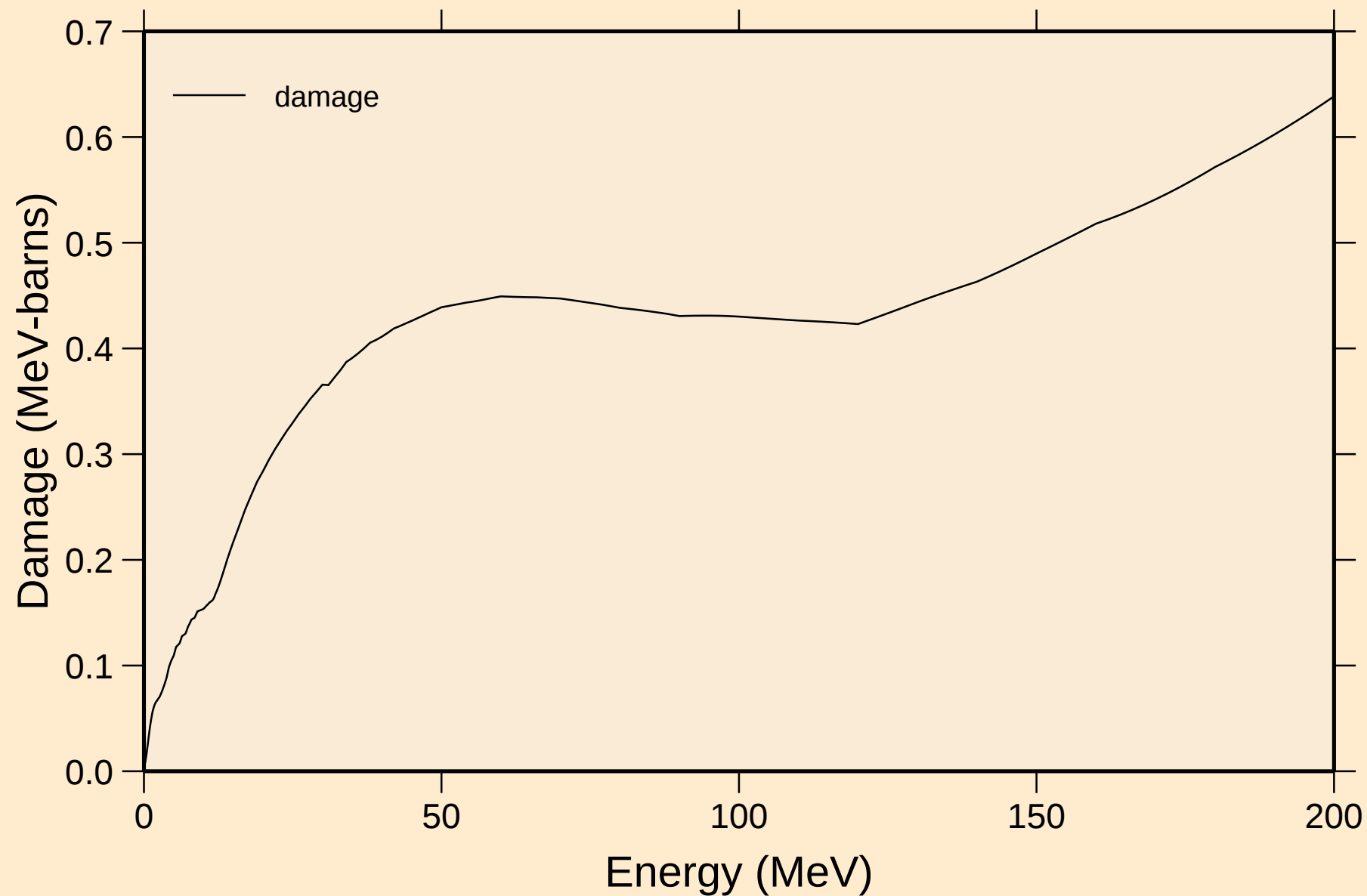
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

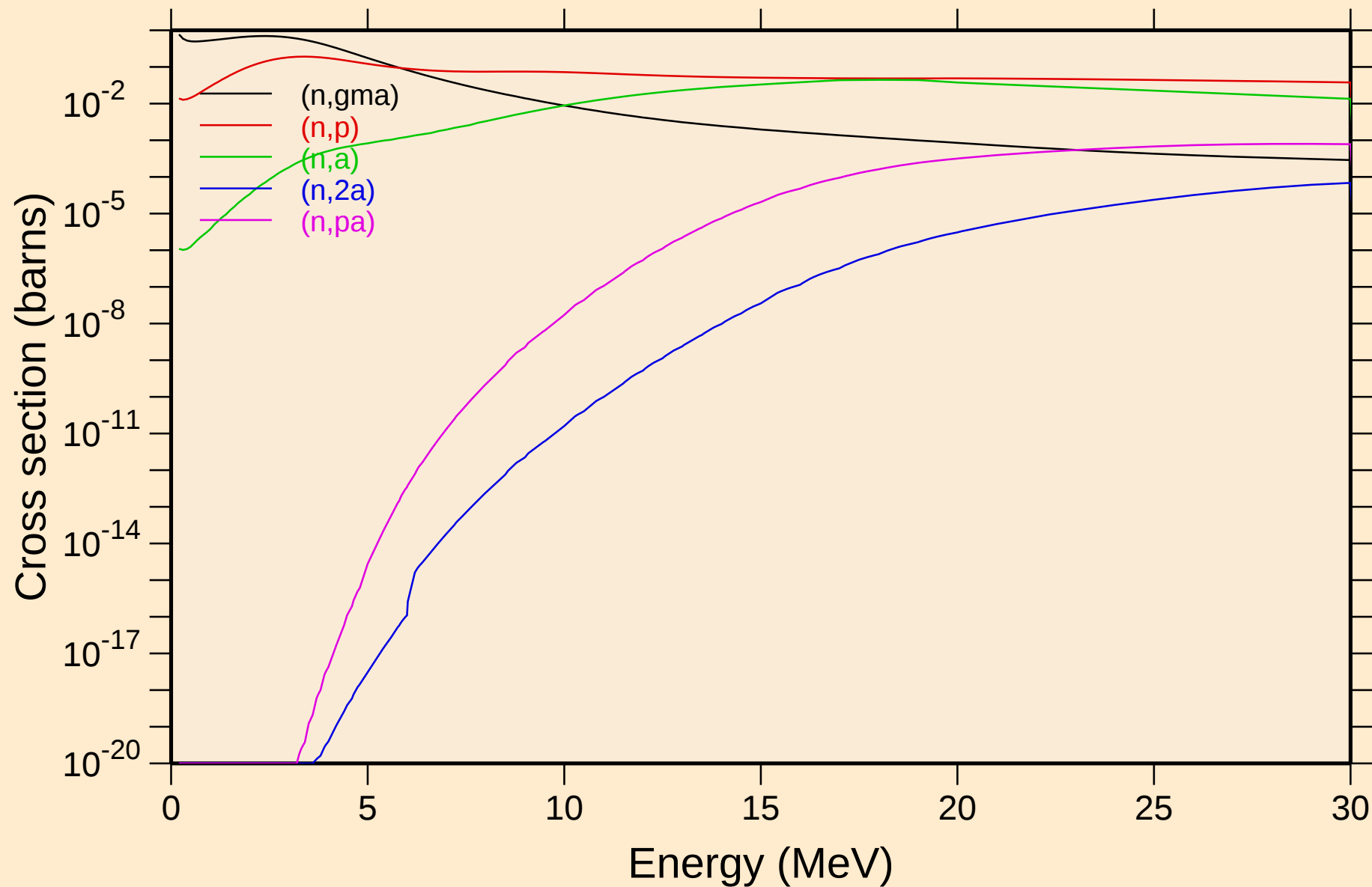


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

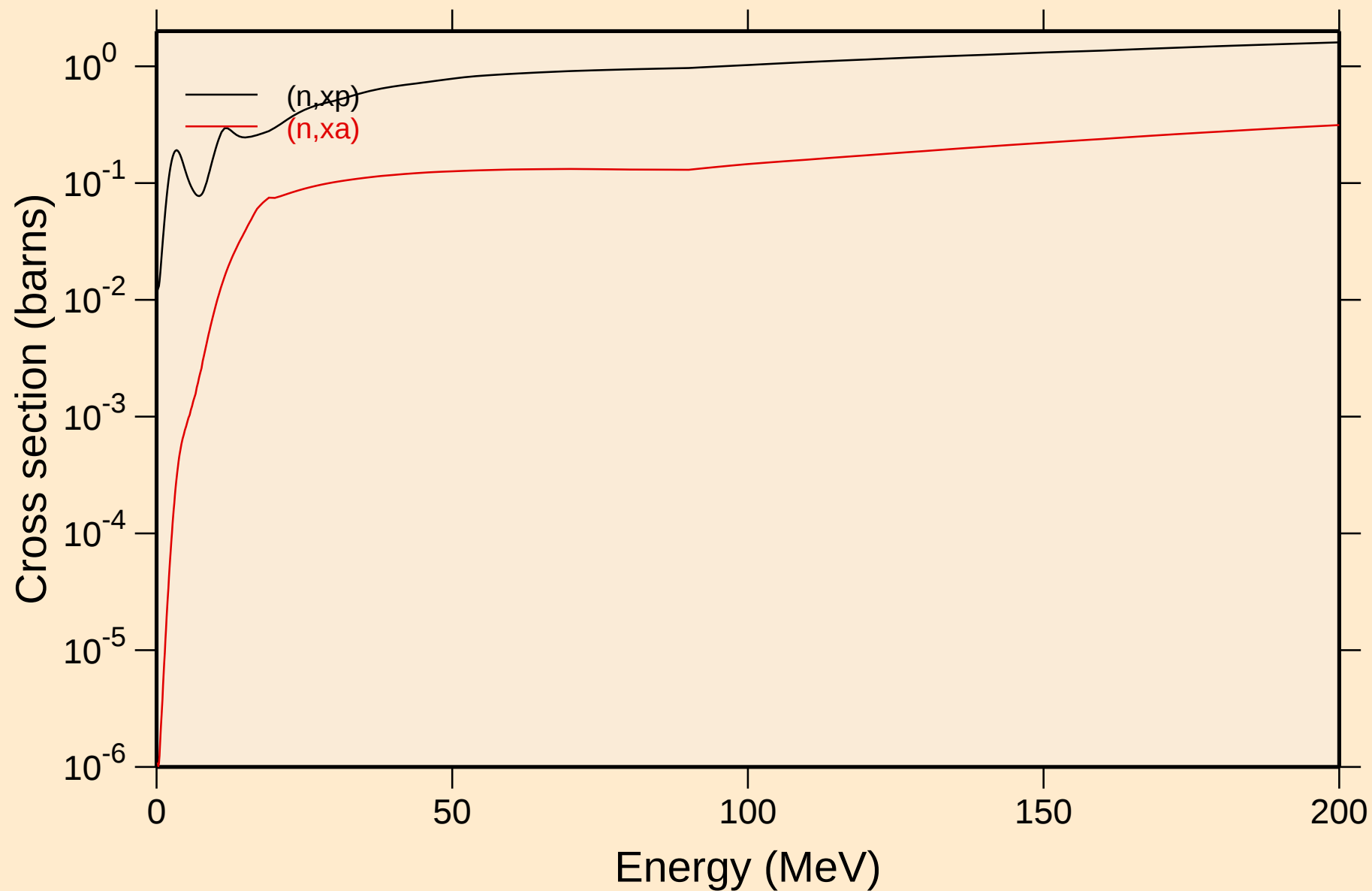
Damage



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

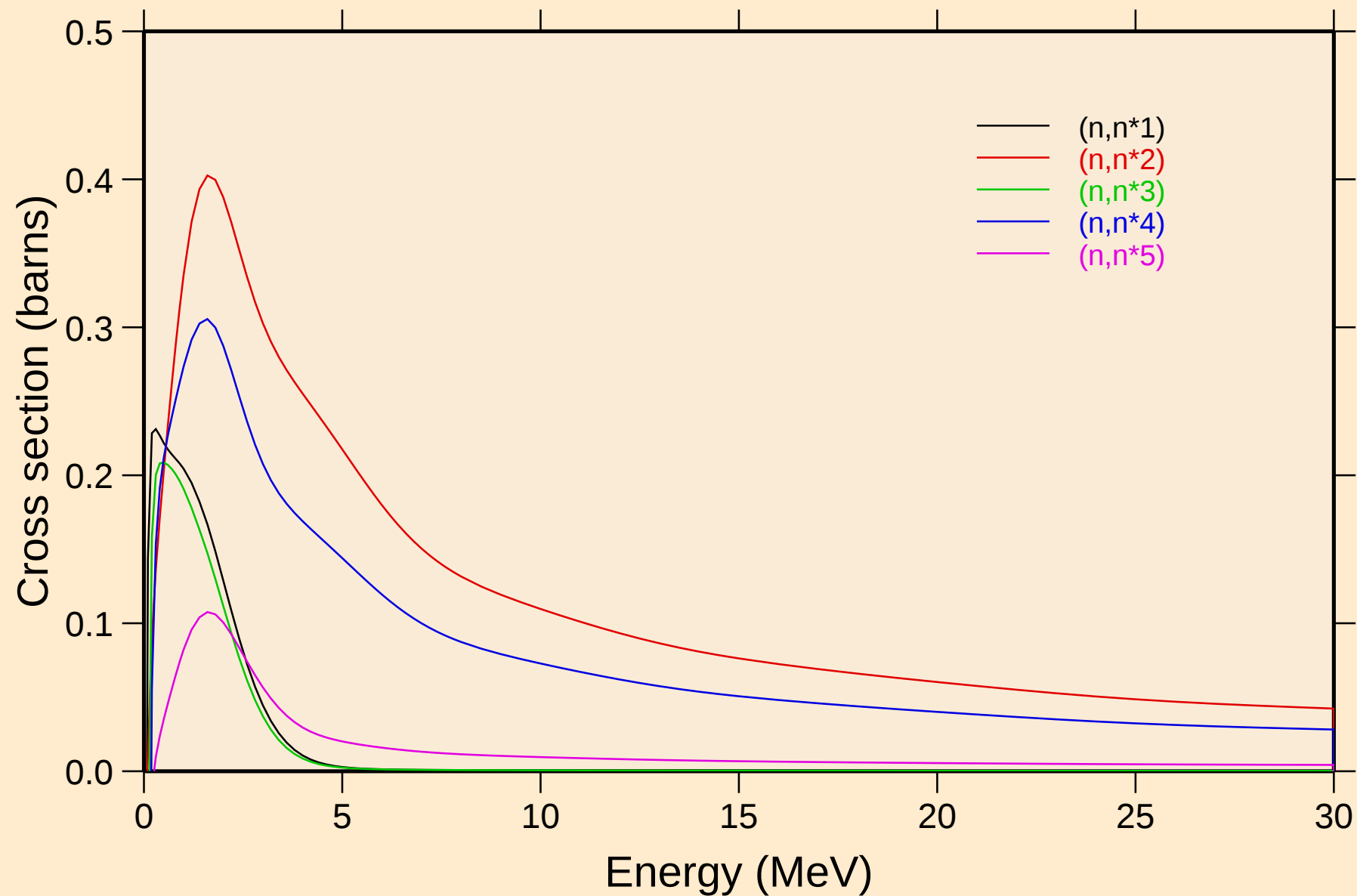


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



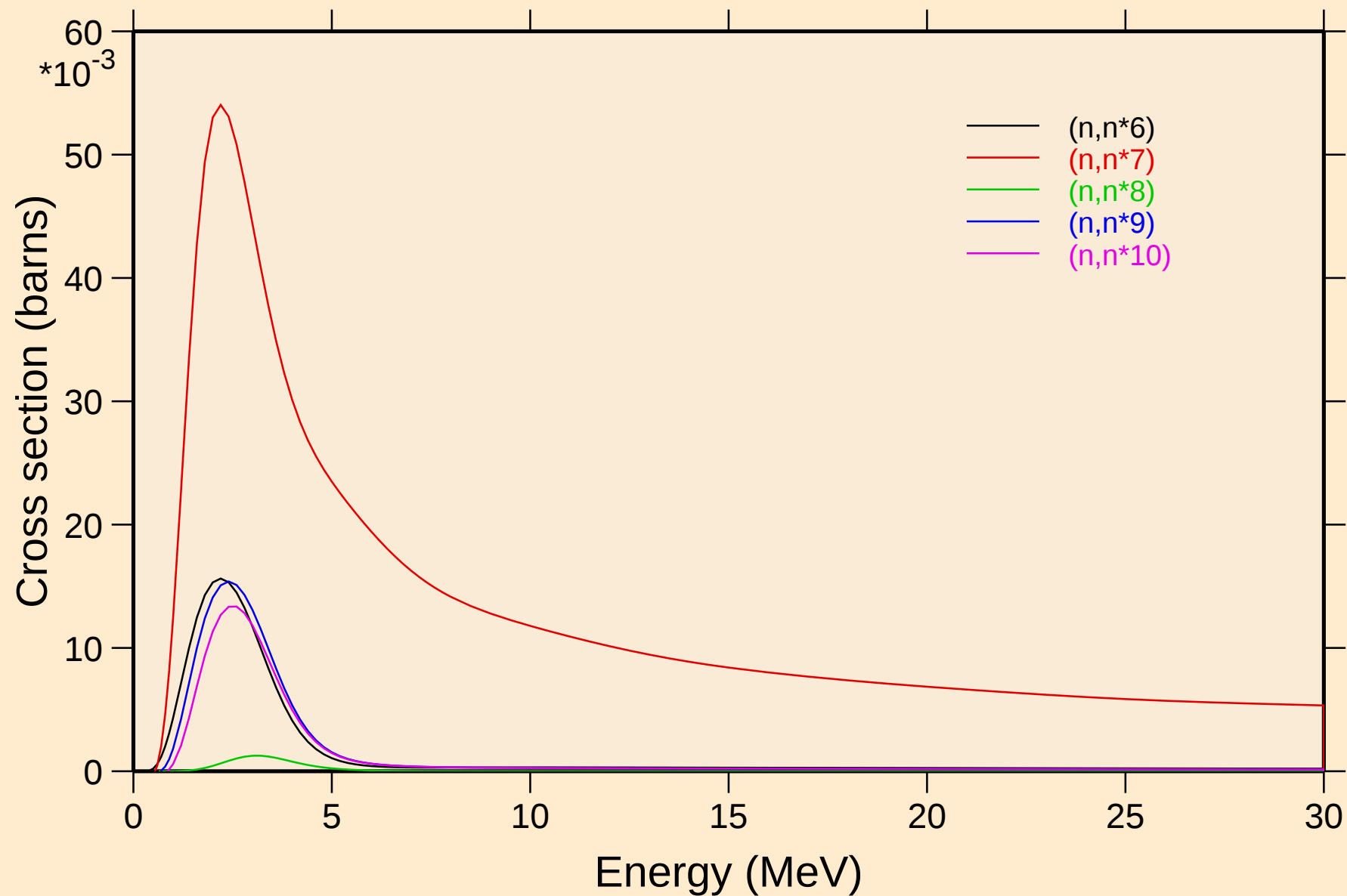
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



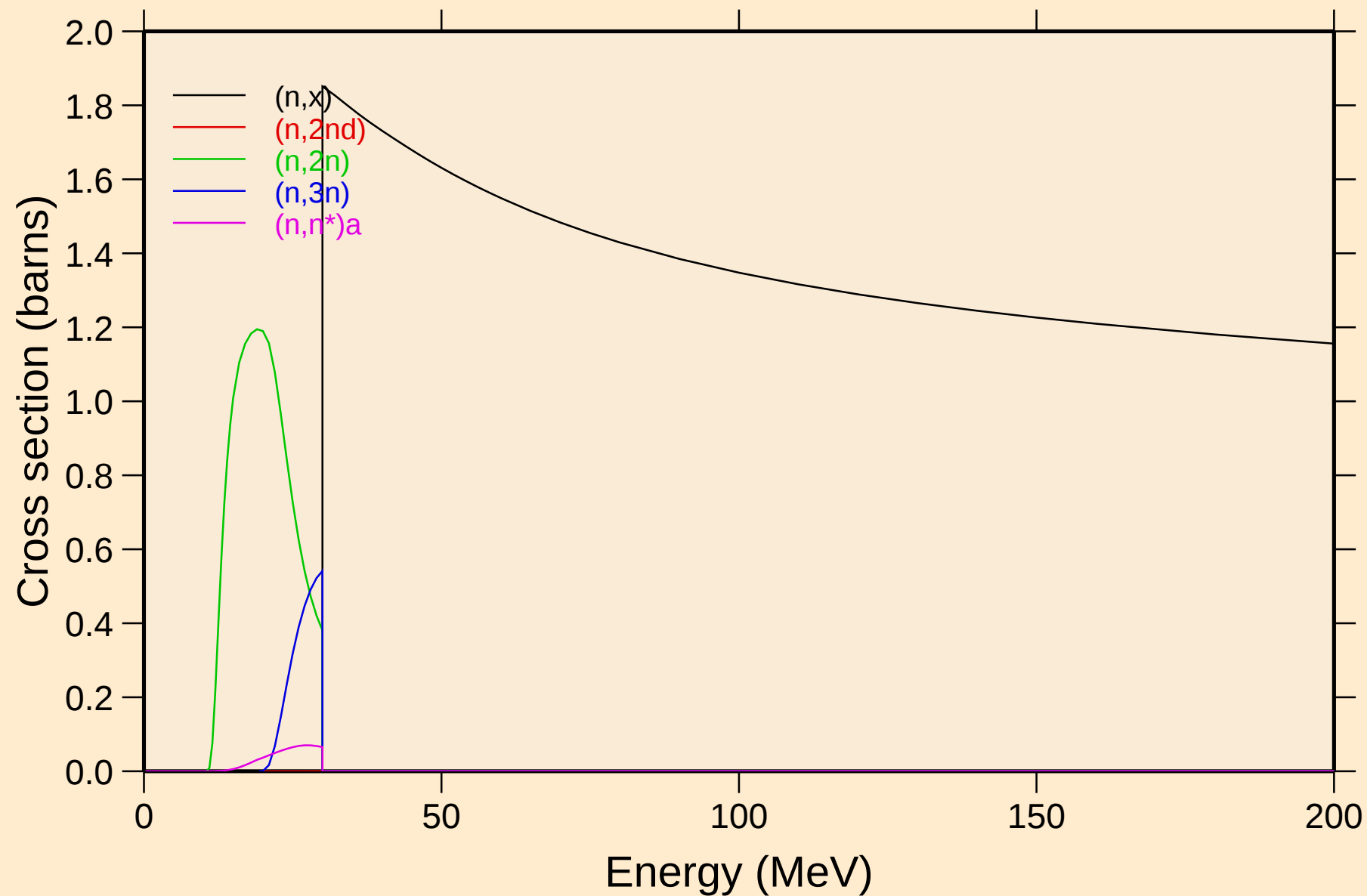
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



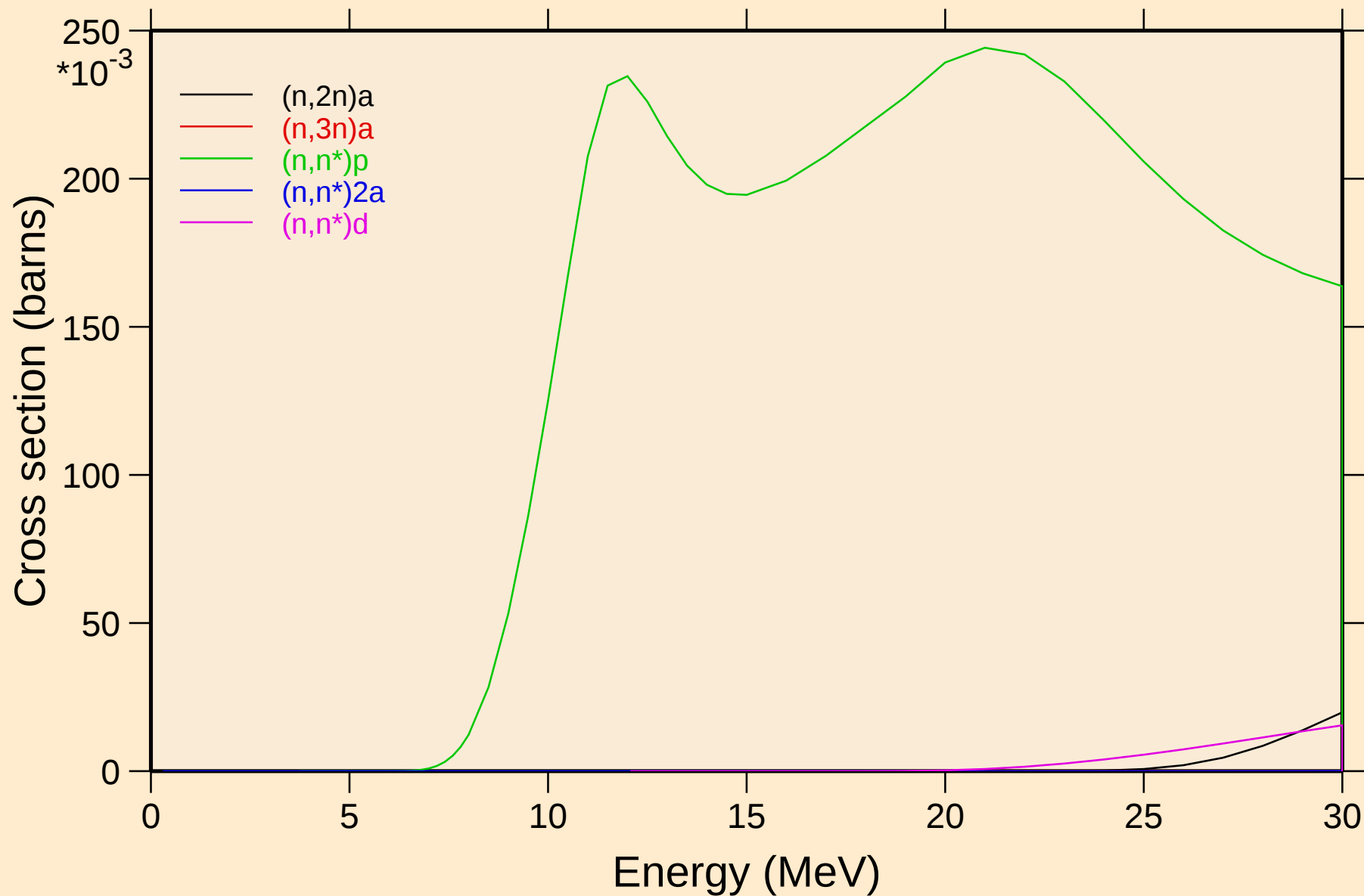
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



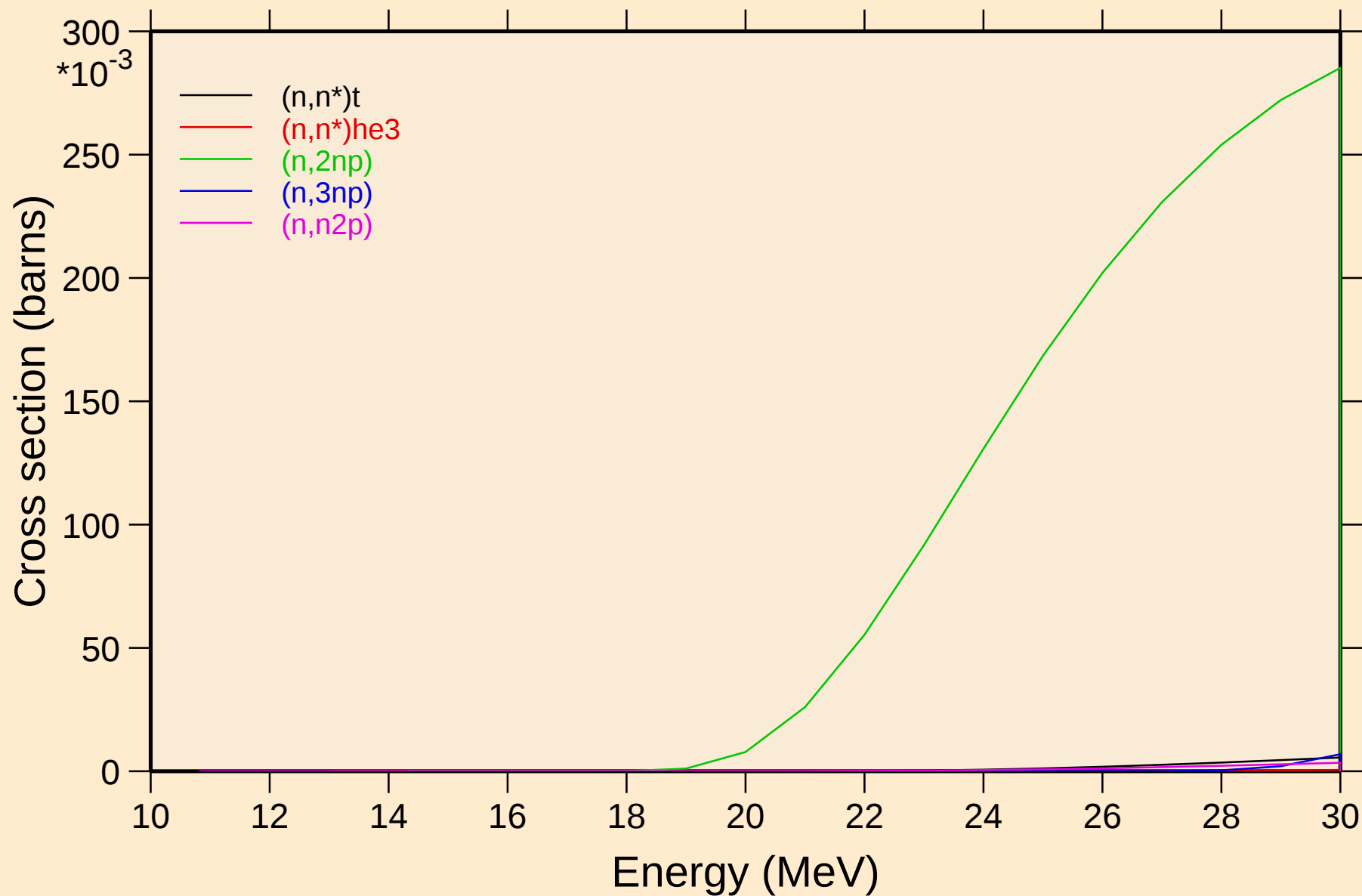
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



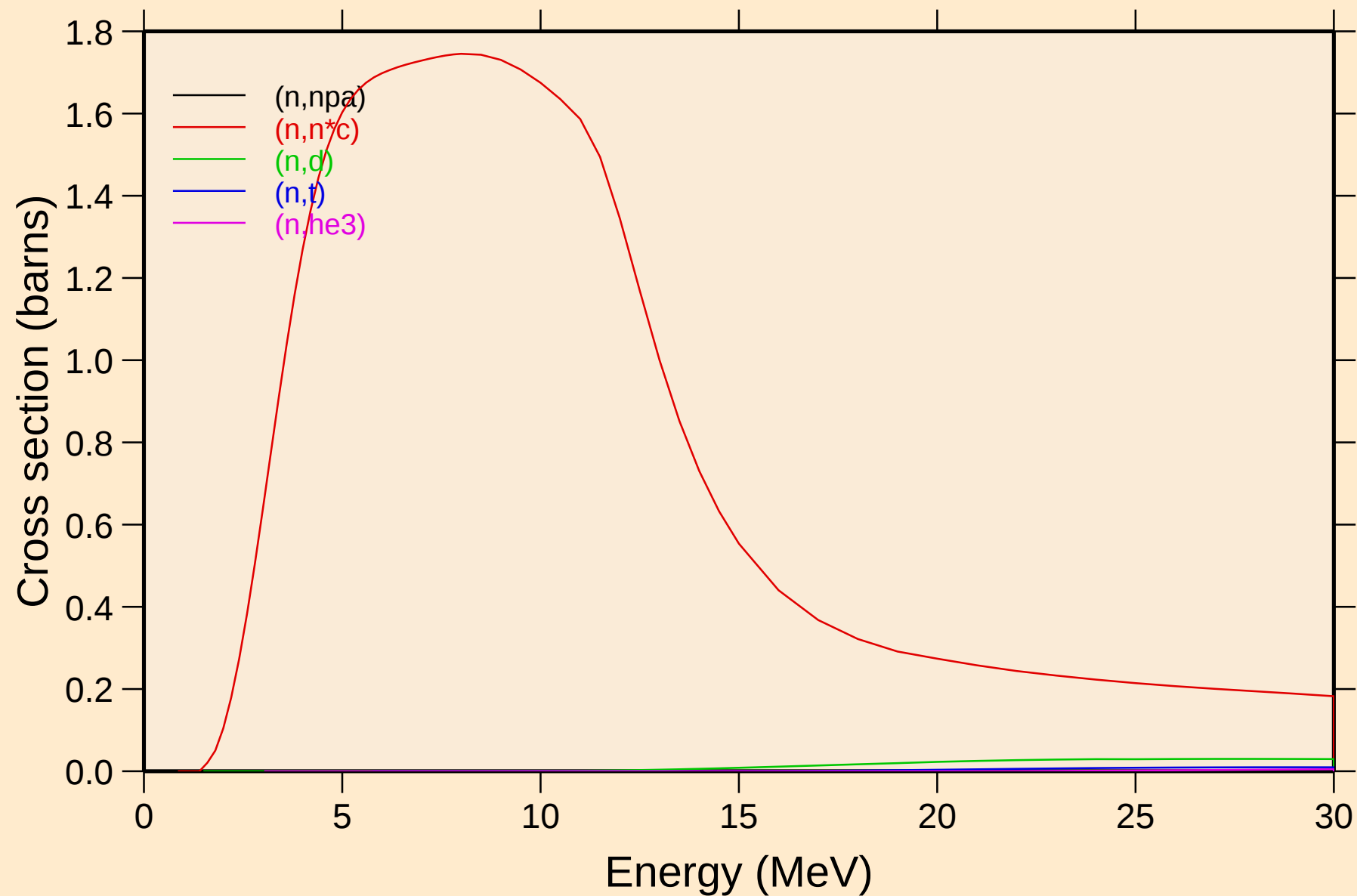
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## Threshold reactions



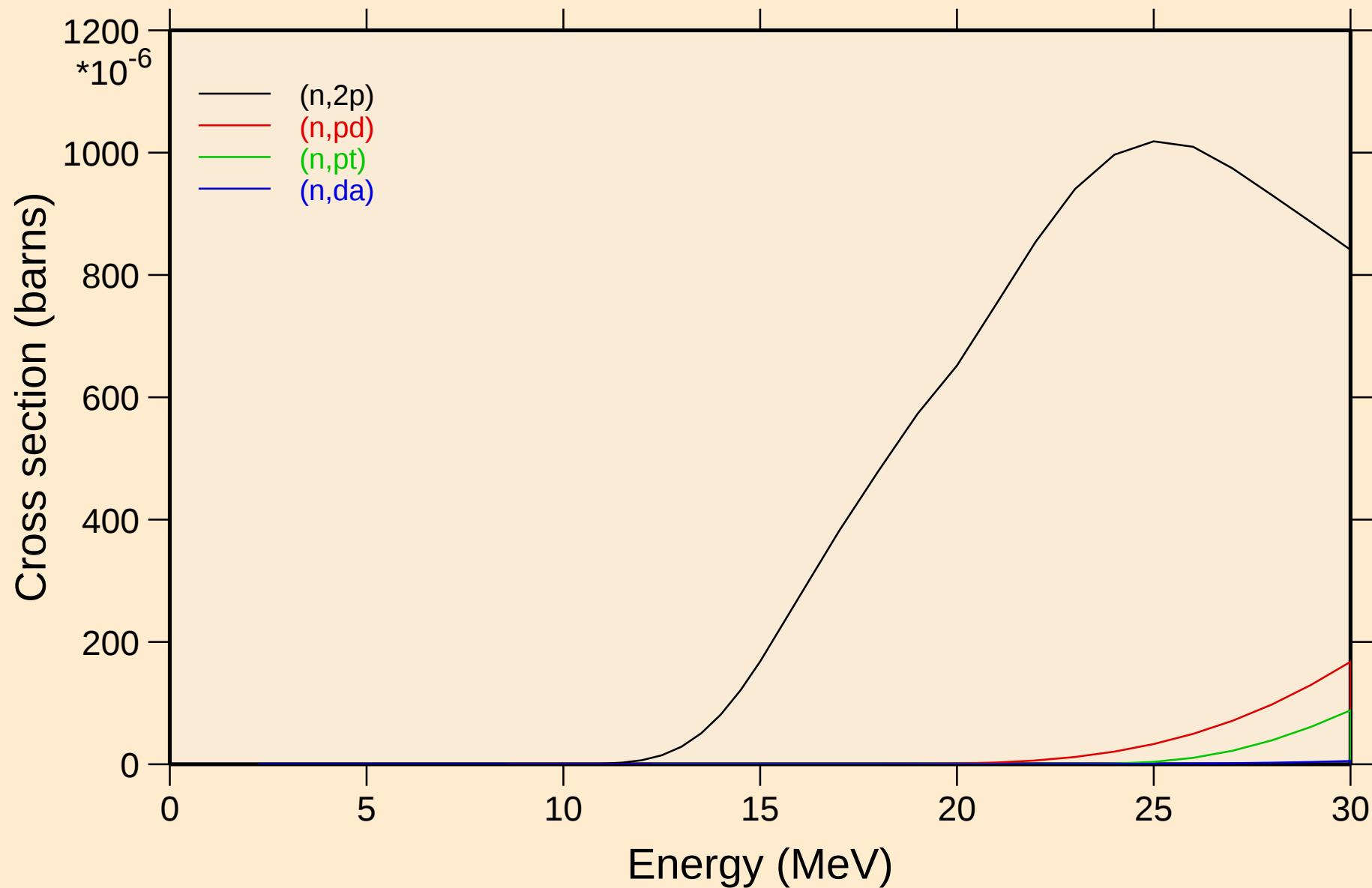
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



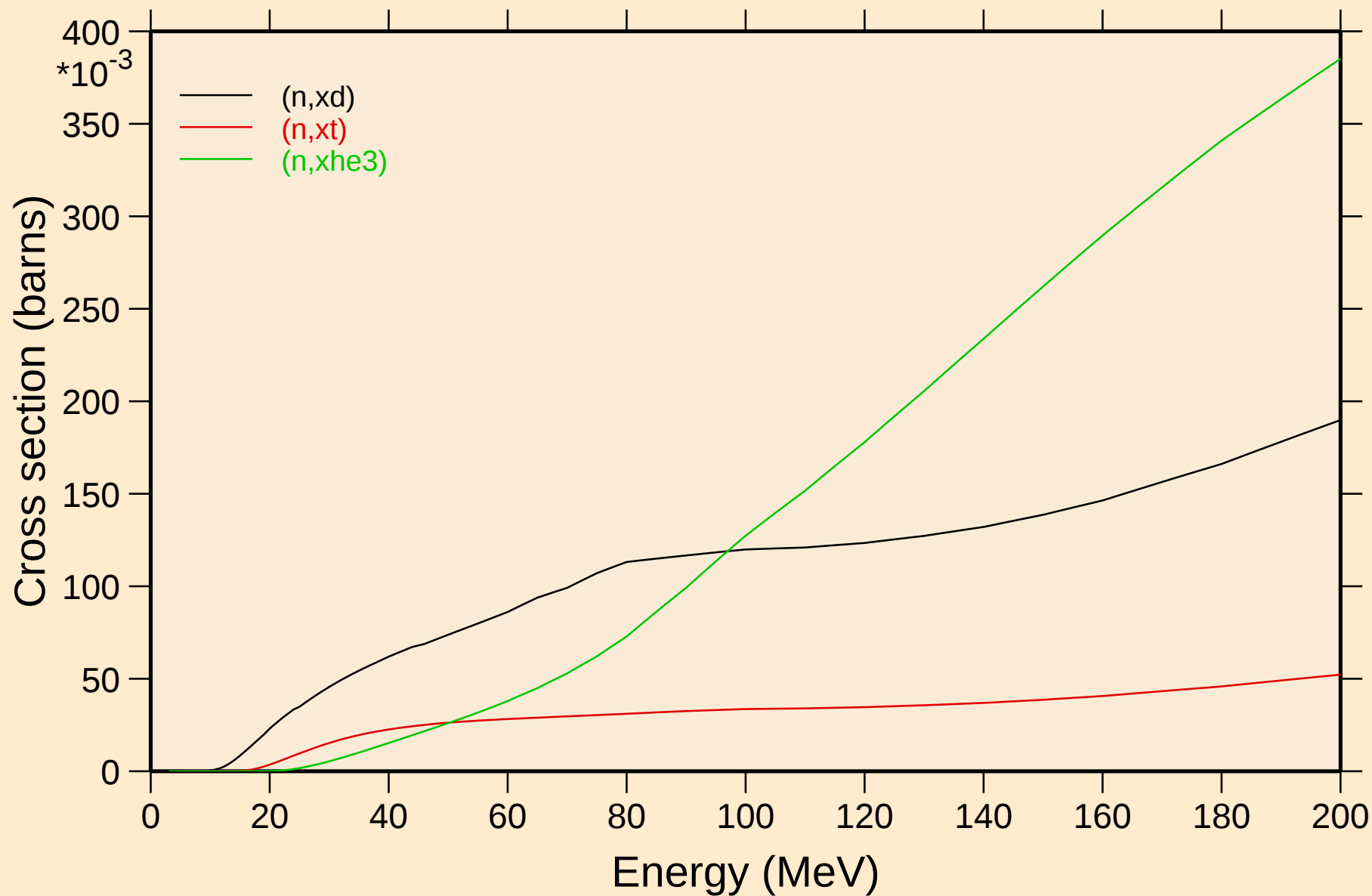
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## Threshold reactions

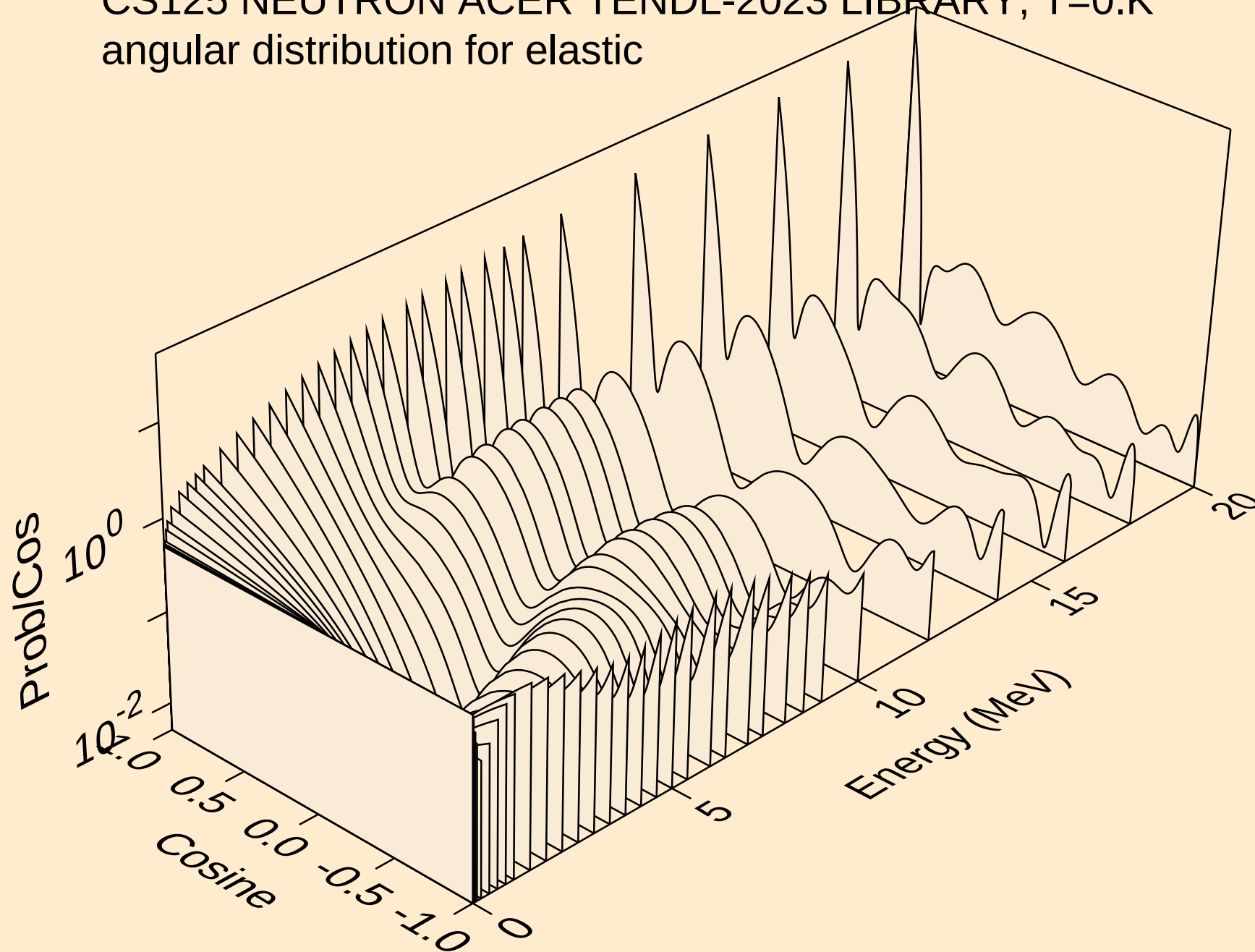


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

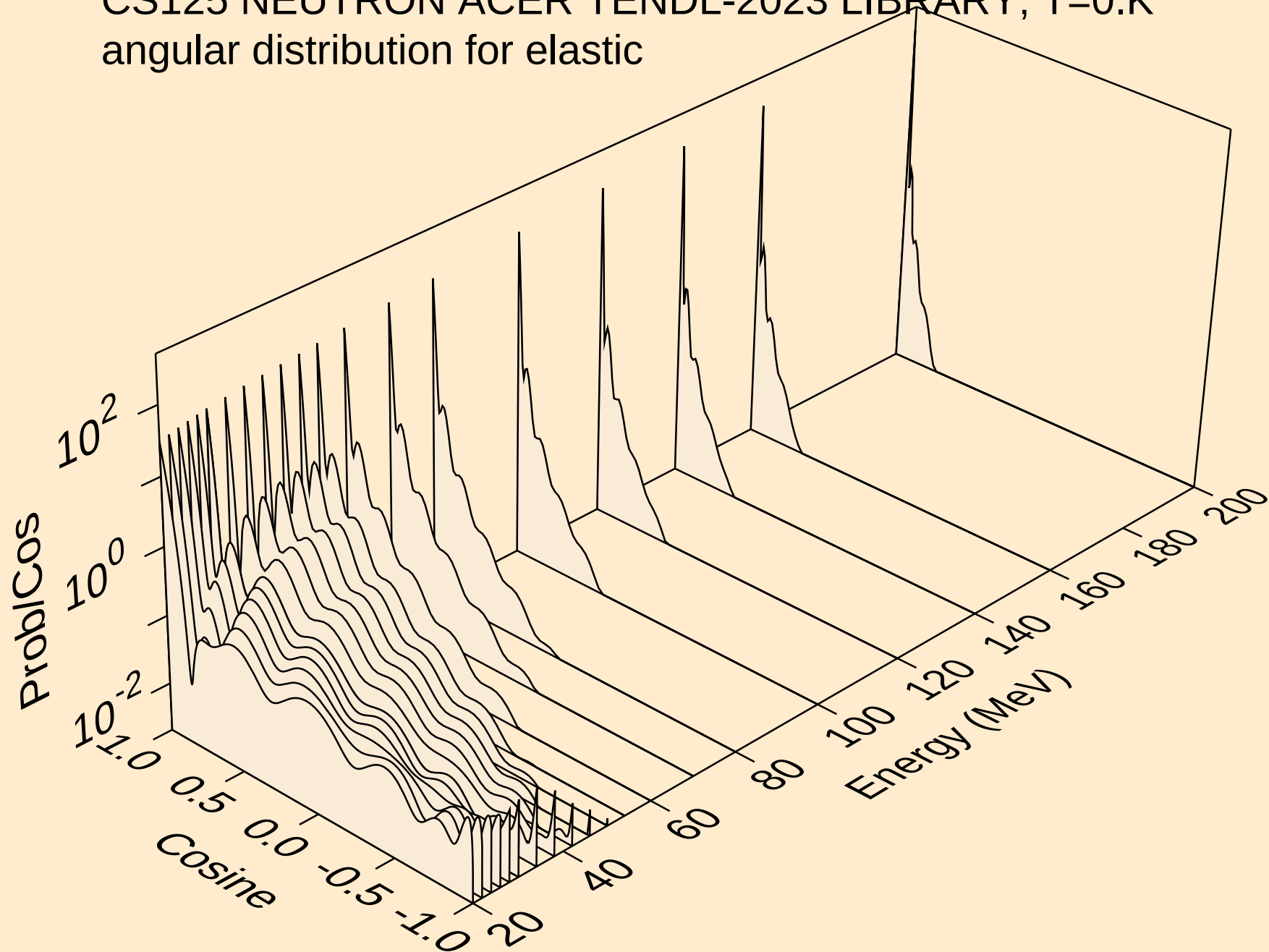
Threshold reactions



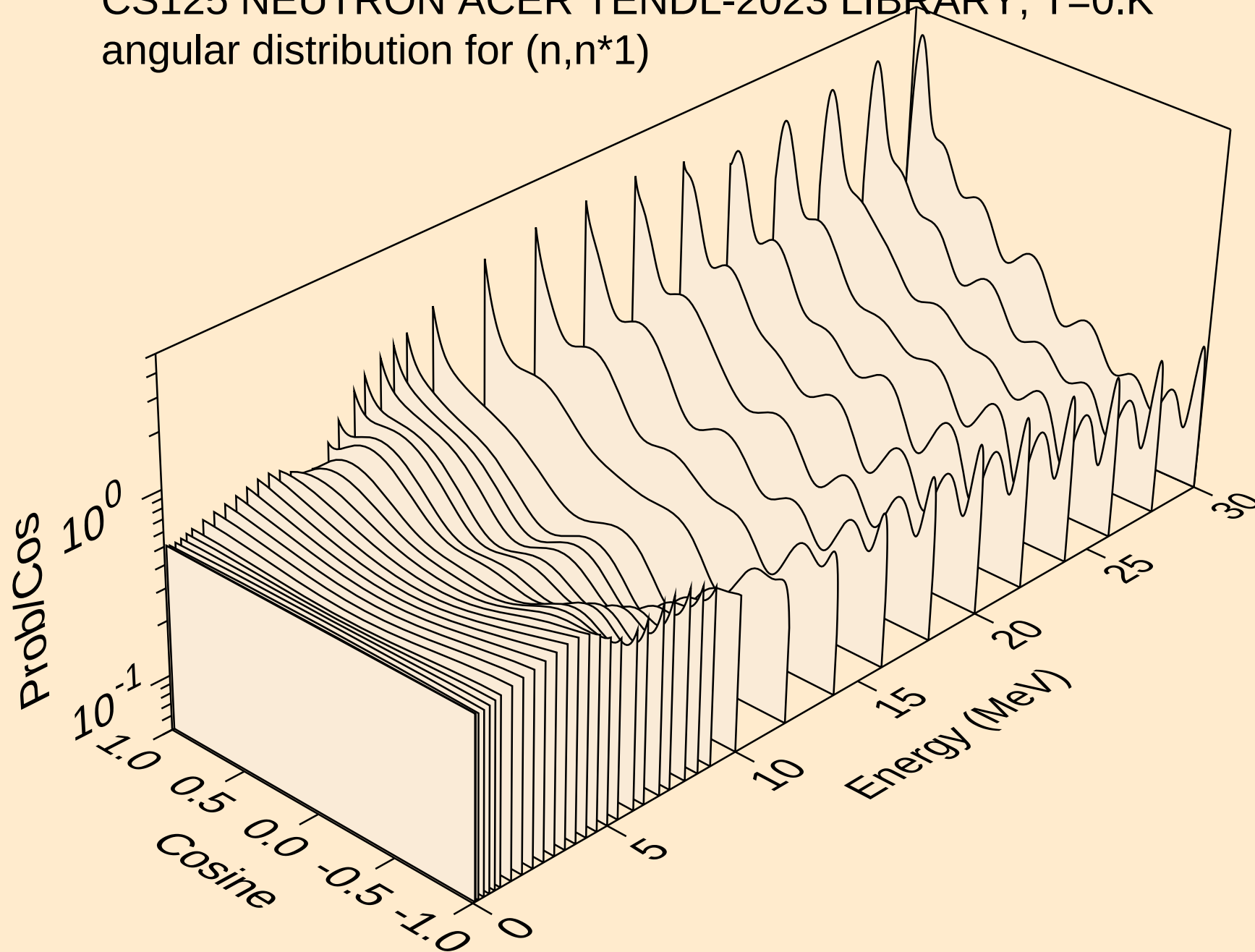
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



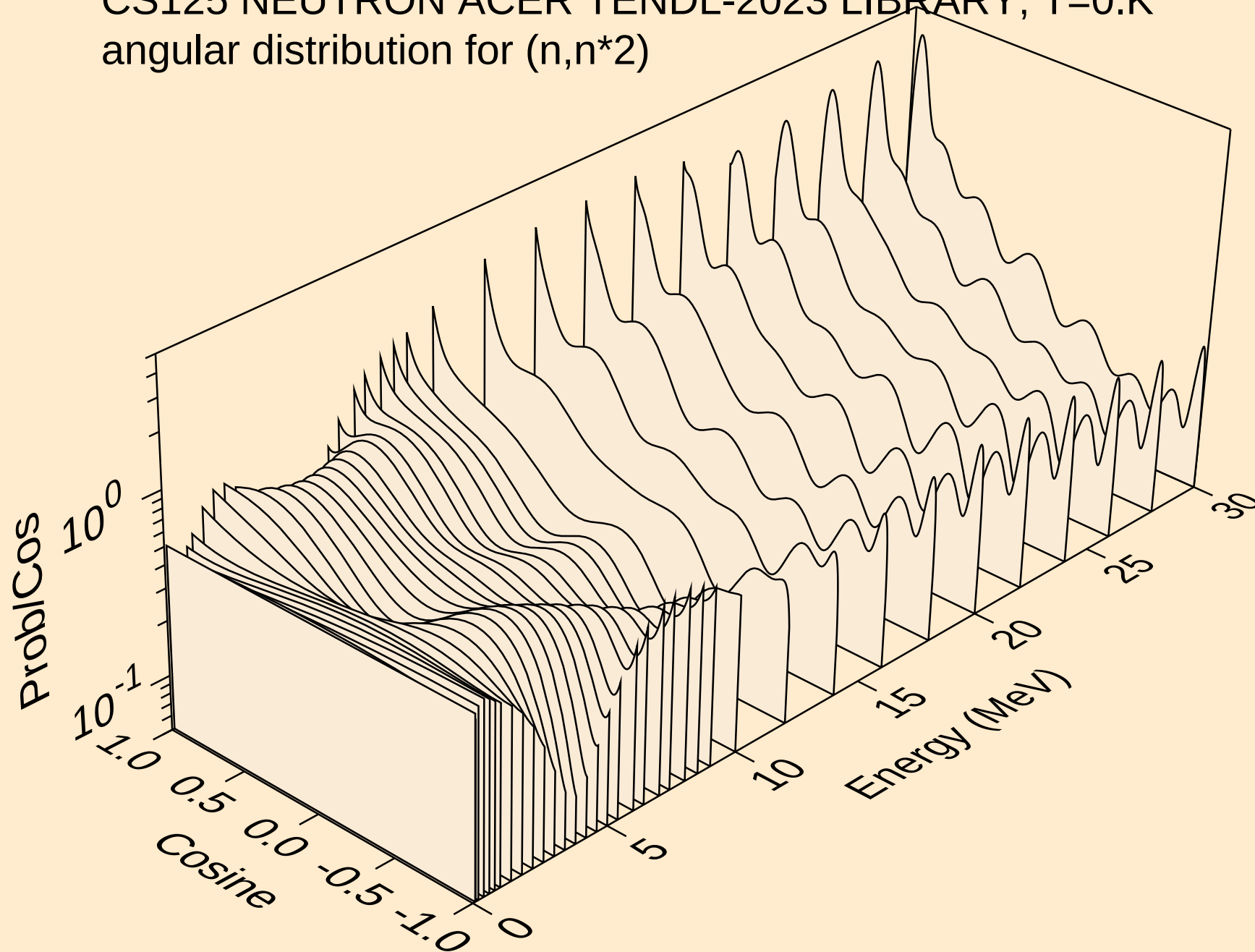
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angular distribution for elastic



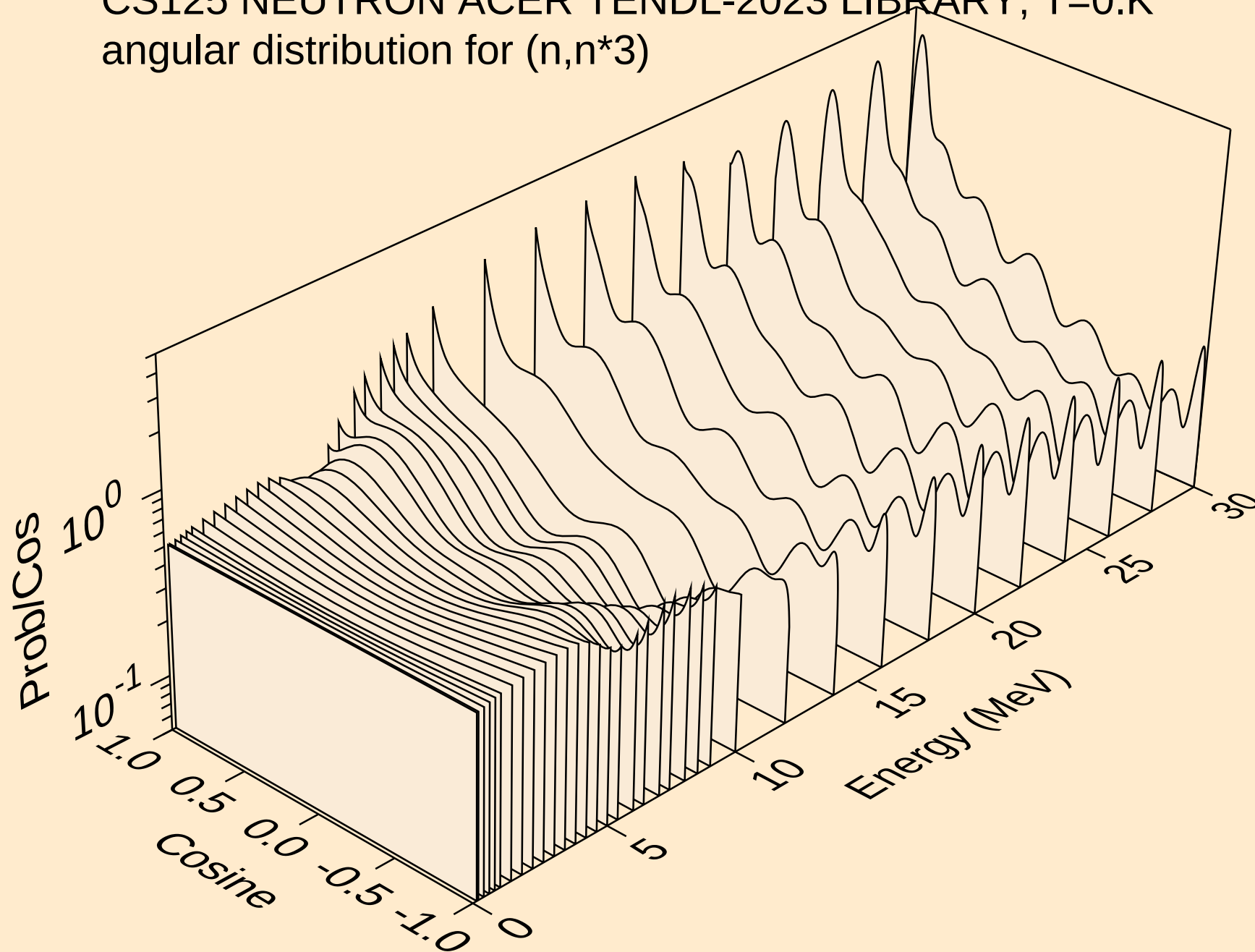
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



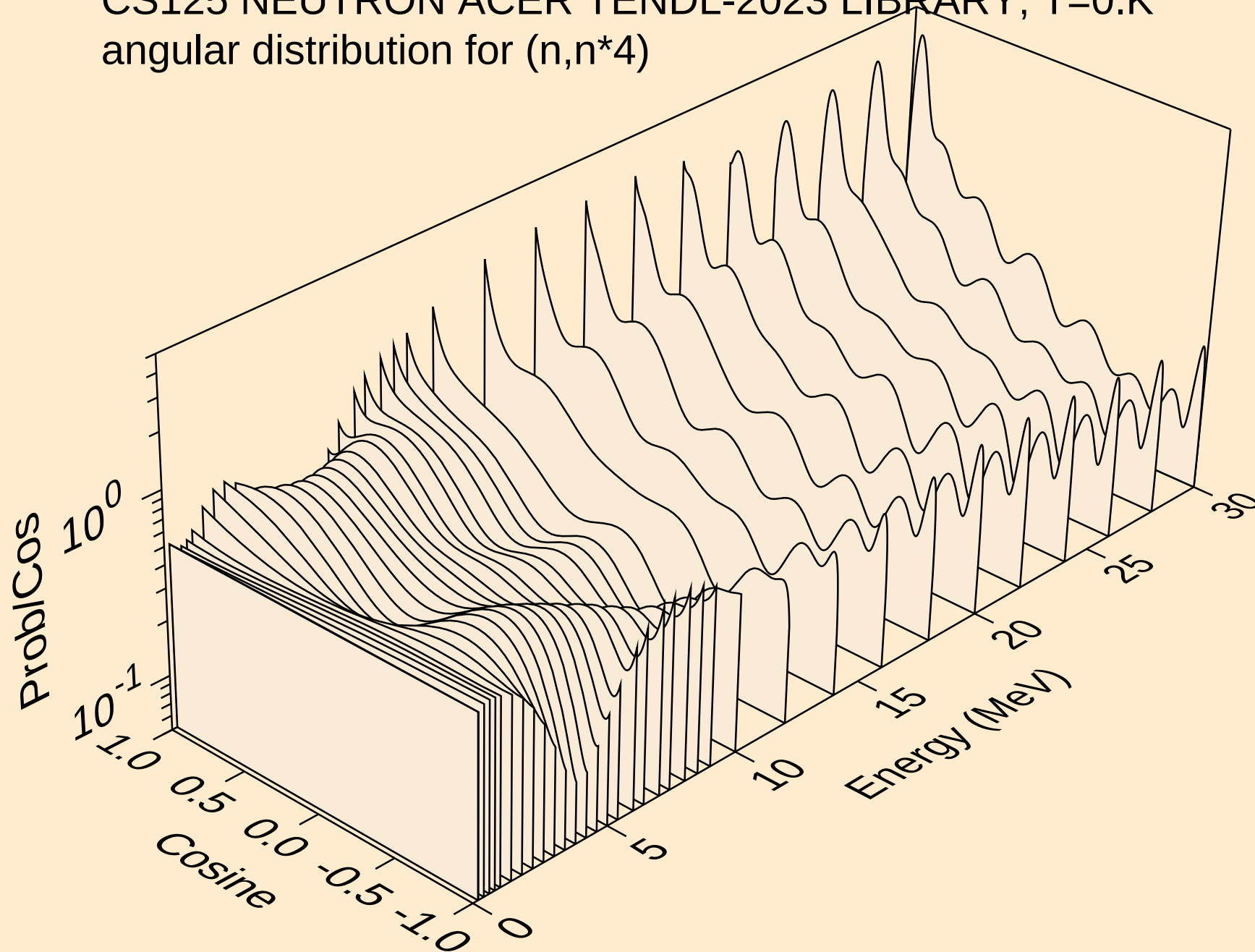
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angular distribution for (n,n\*2)



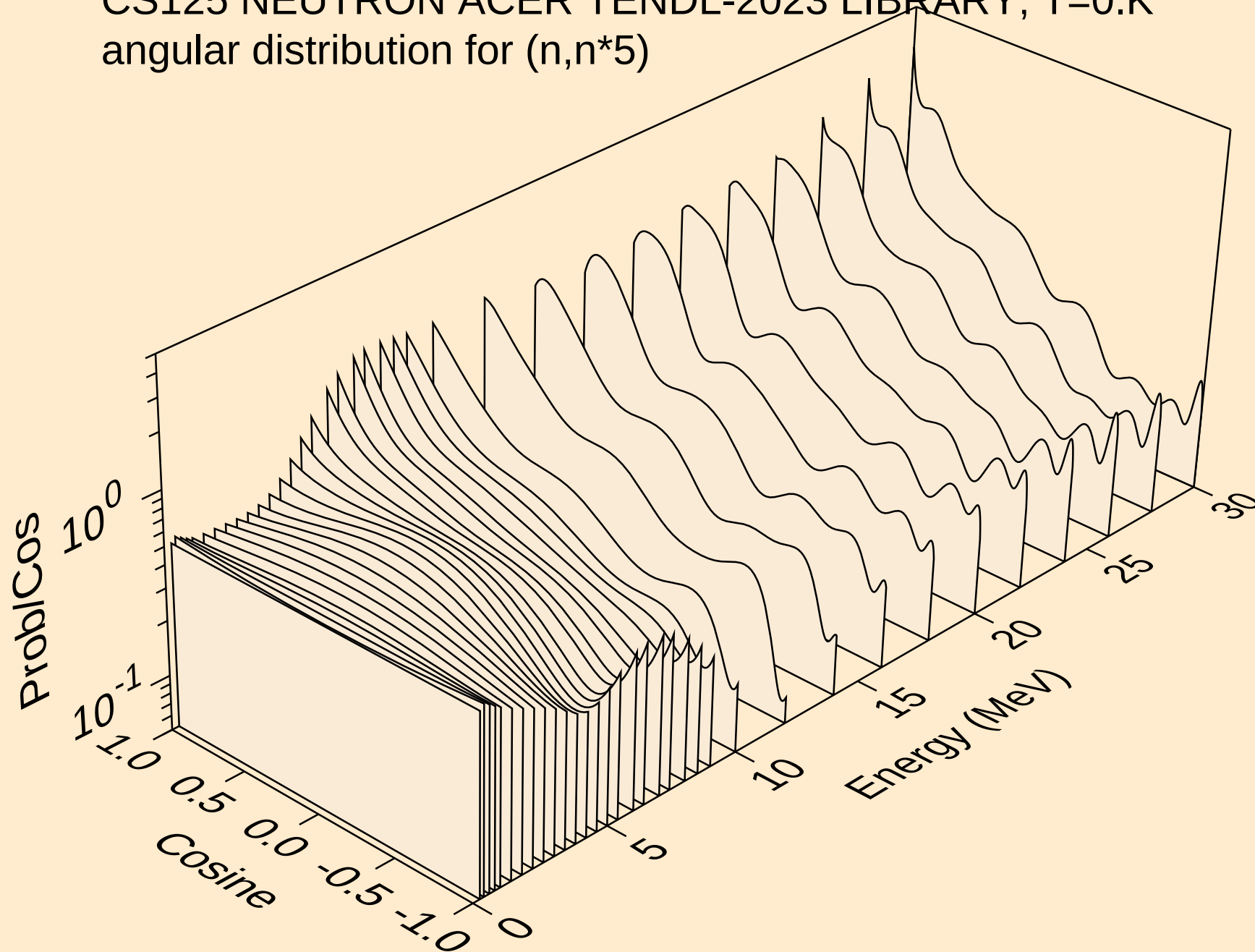
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



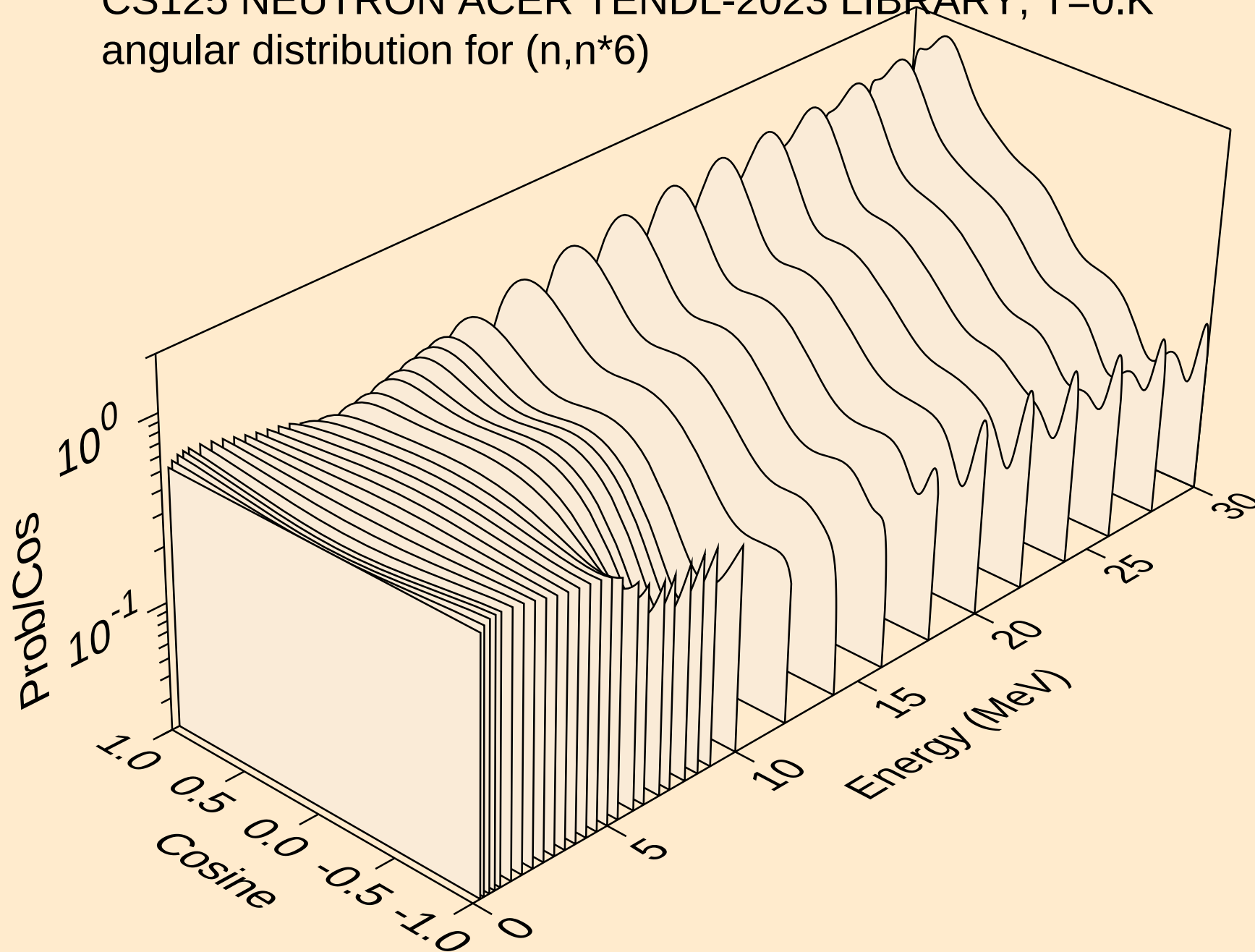
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



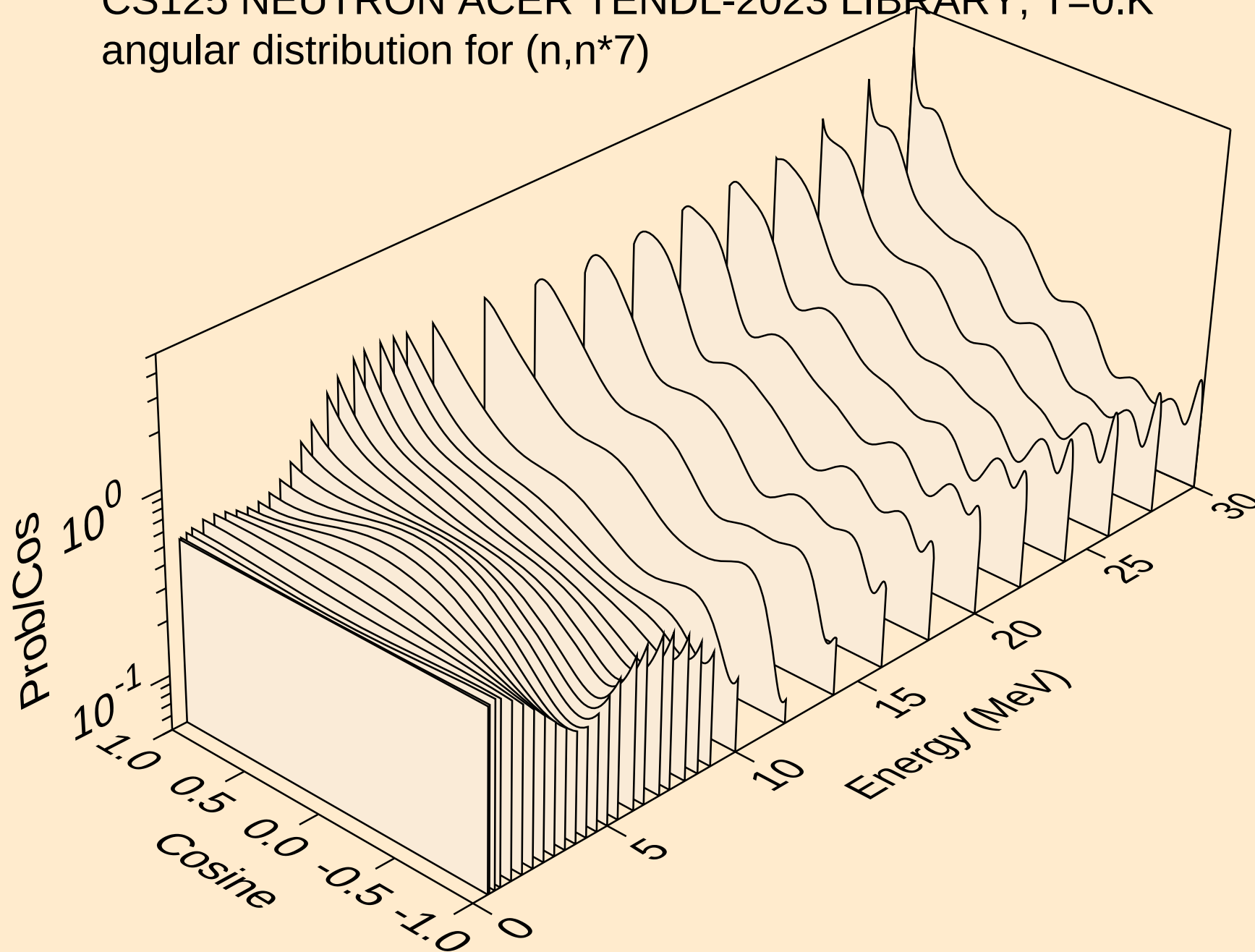
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angular distribution for (n,n\*5)



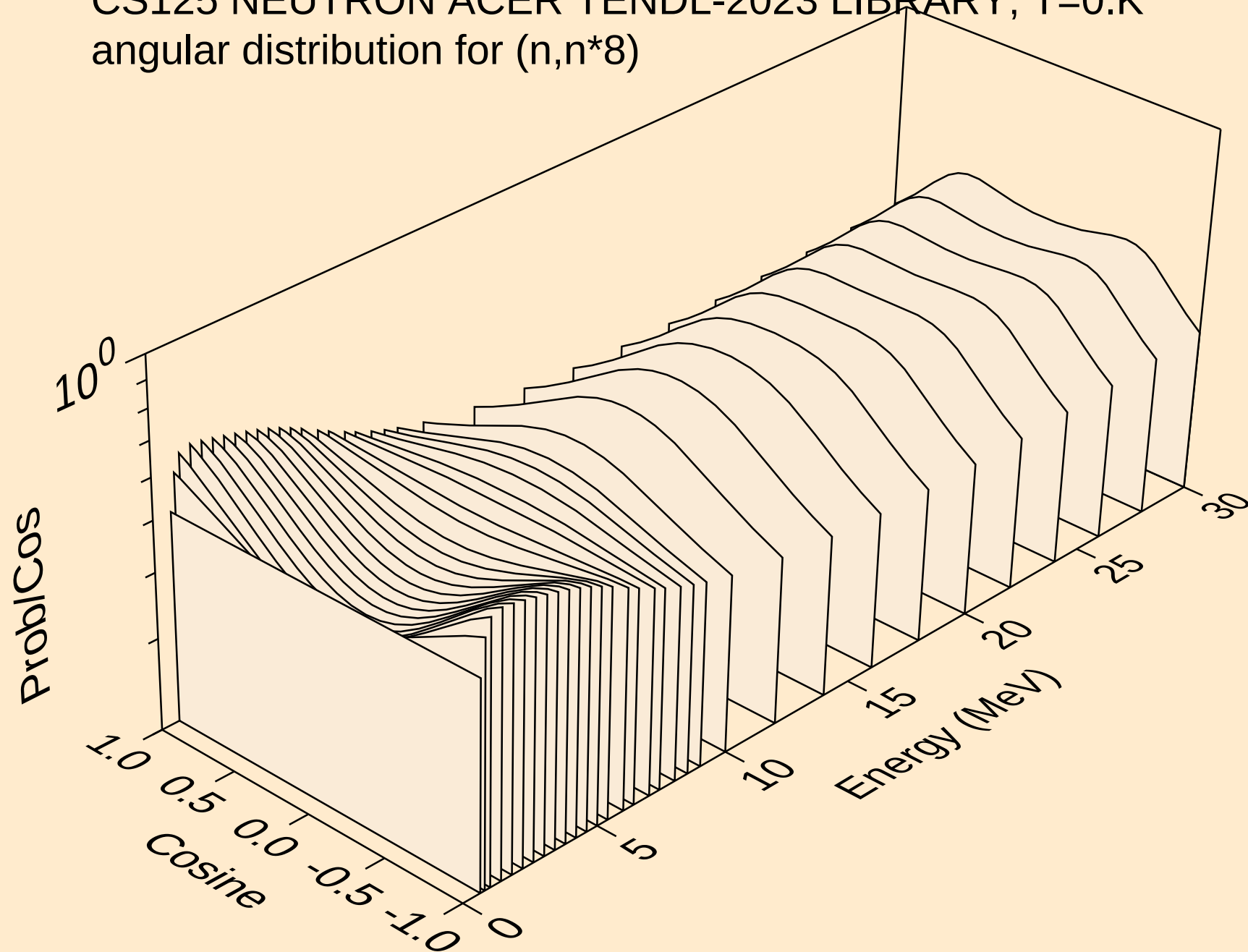
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angular distribution for (n,n\*6)



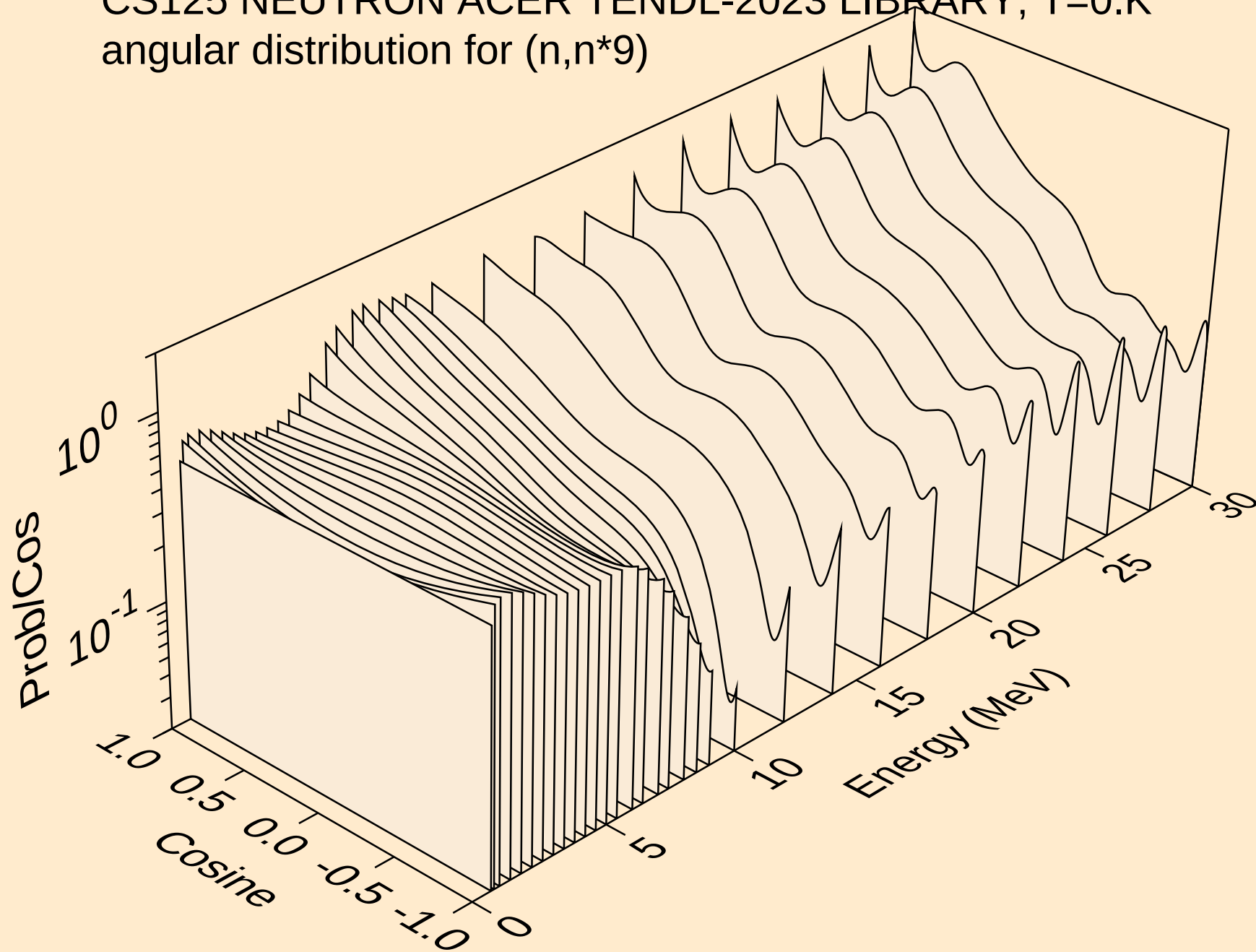
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angular distribution for (n,n\*7)



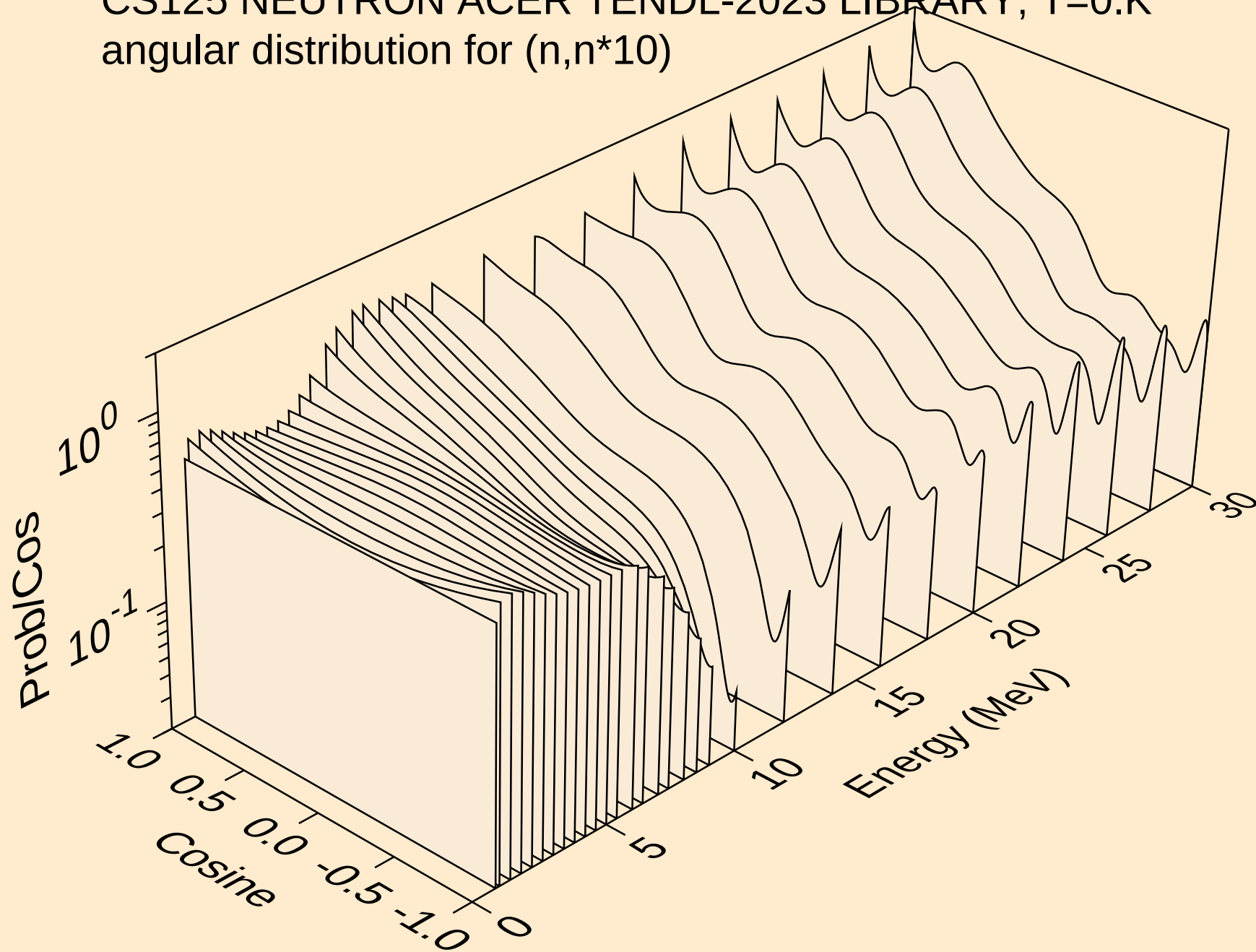
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angular distribution for (n,n\*8)



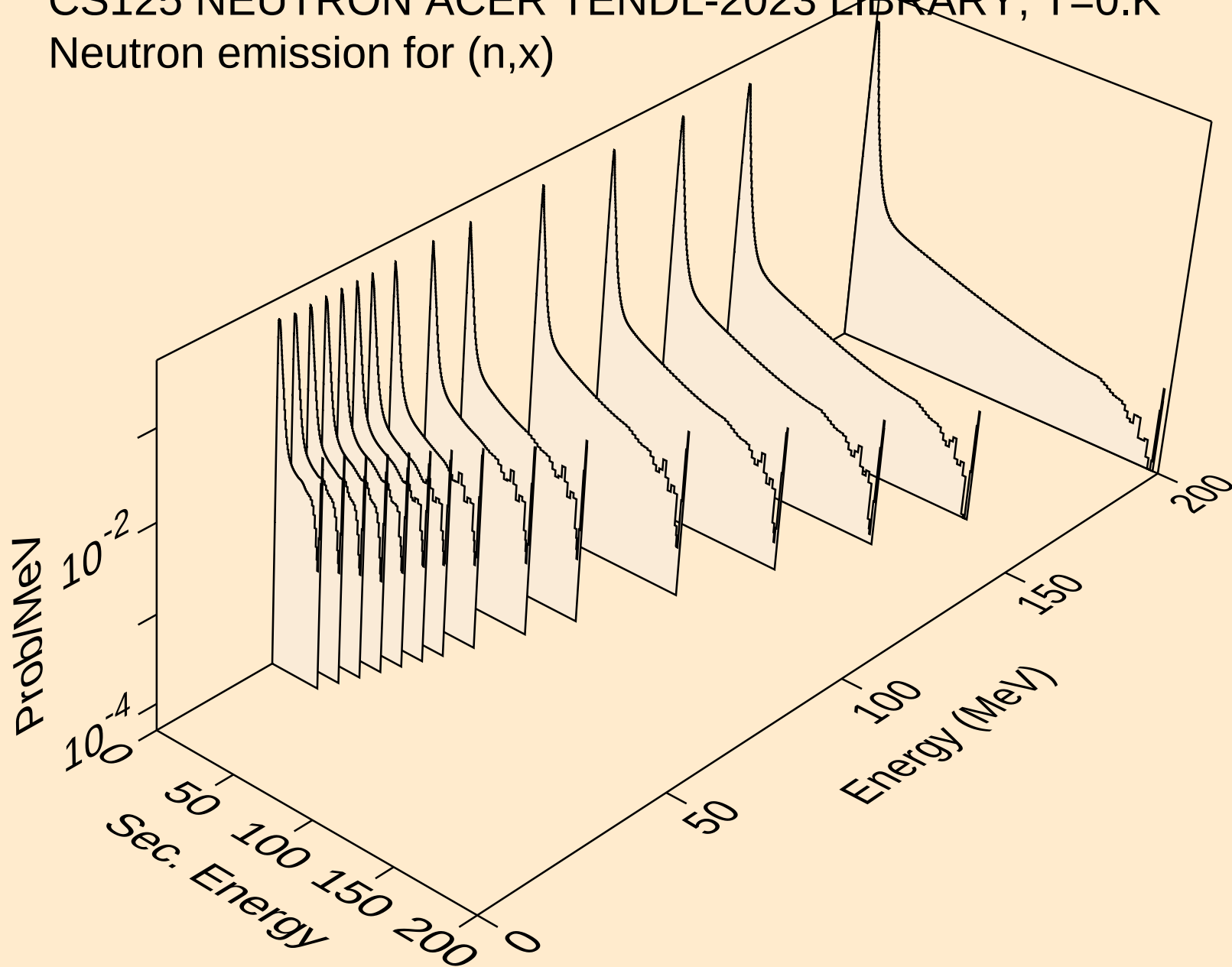
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angular distribution for (n,n\*9)



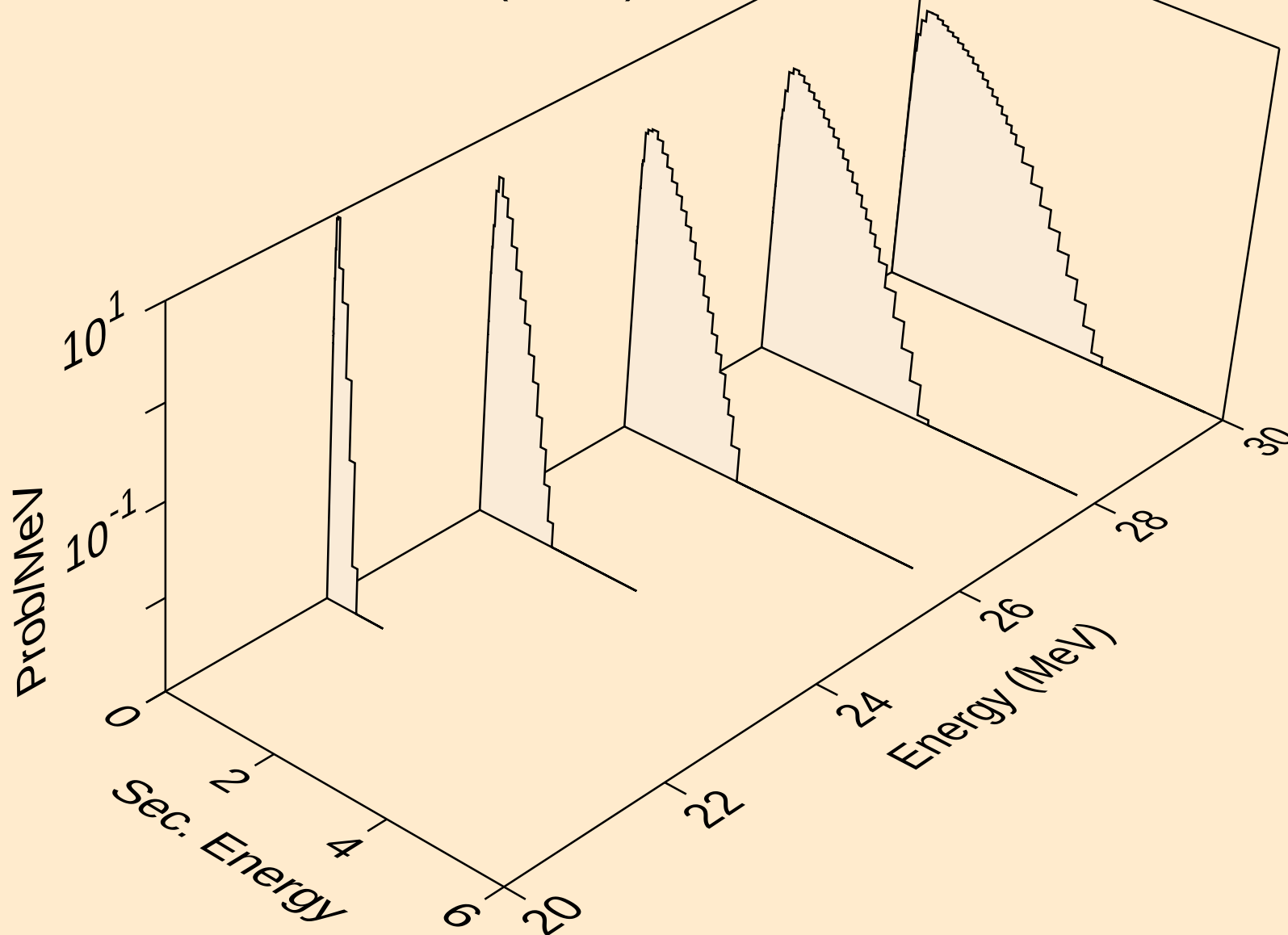
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angular distribution for (n,n\*10)



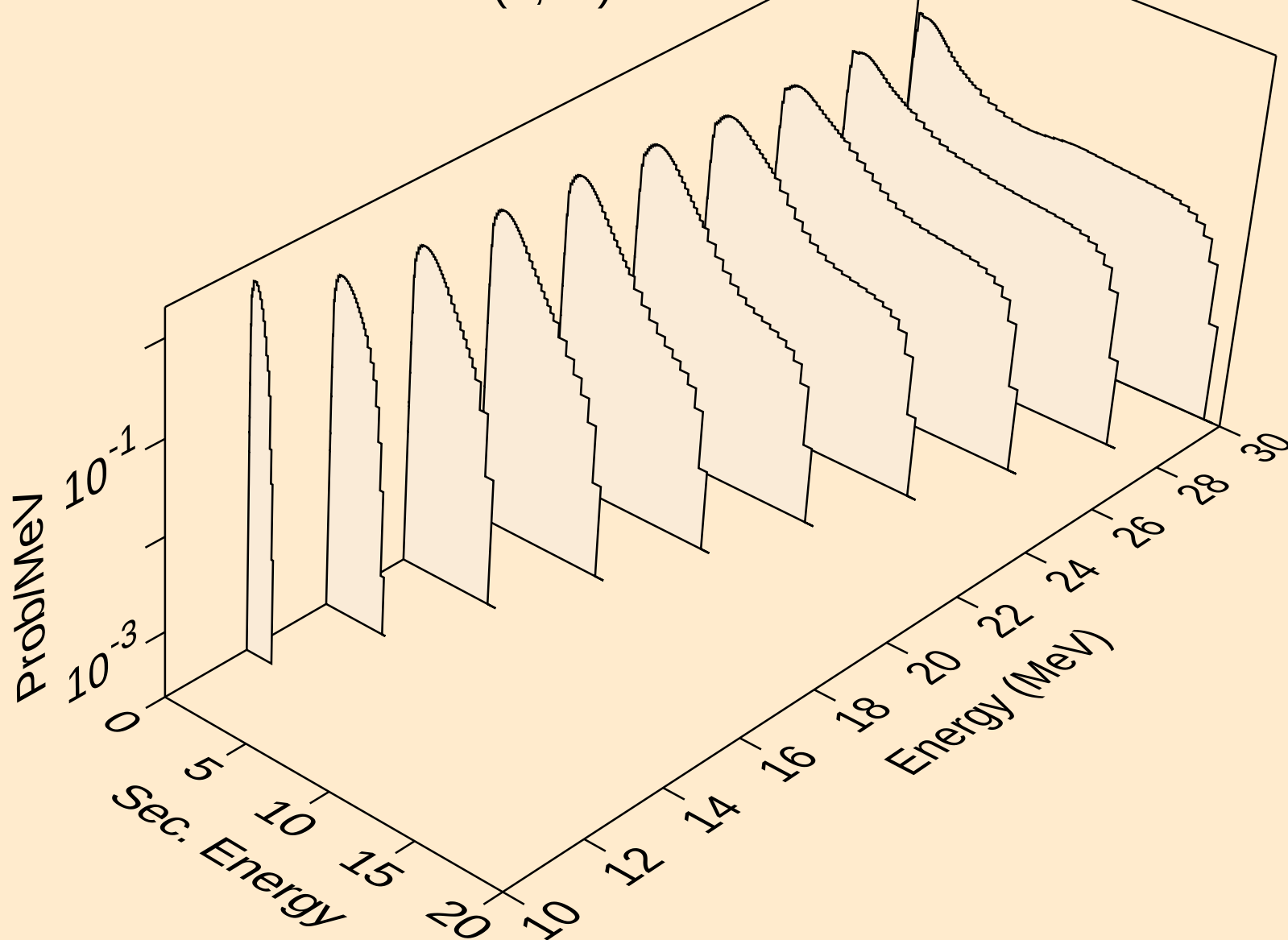
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



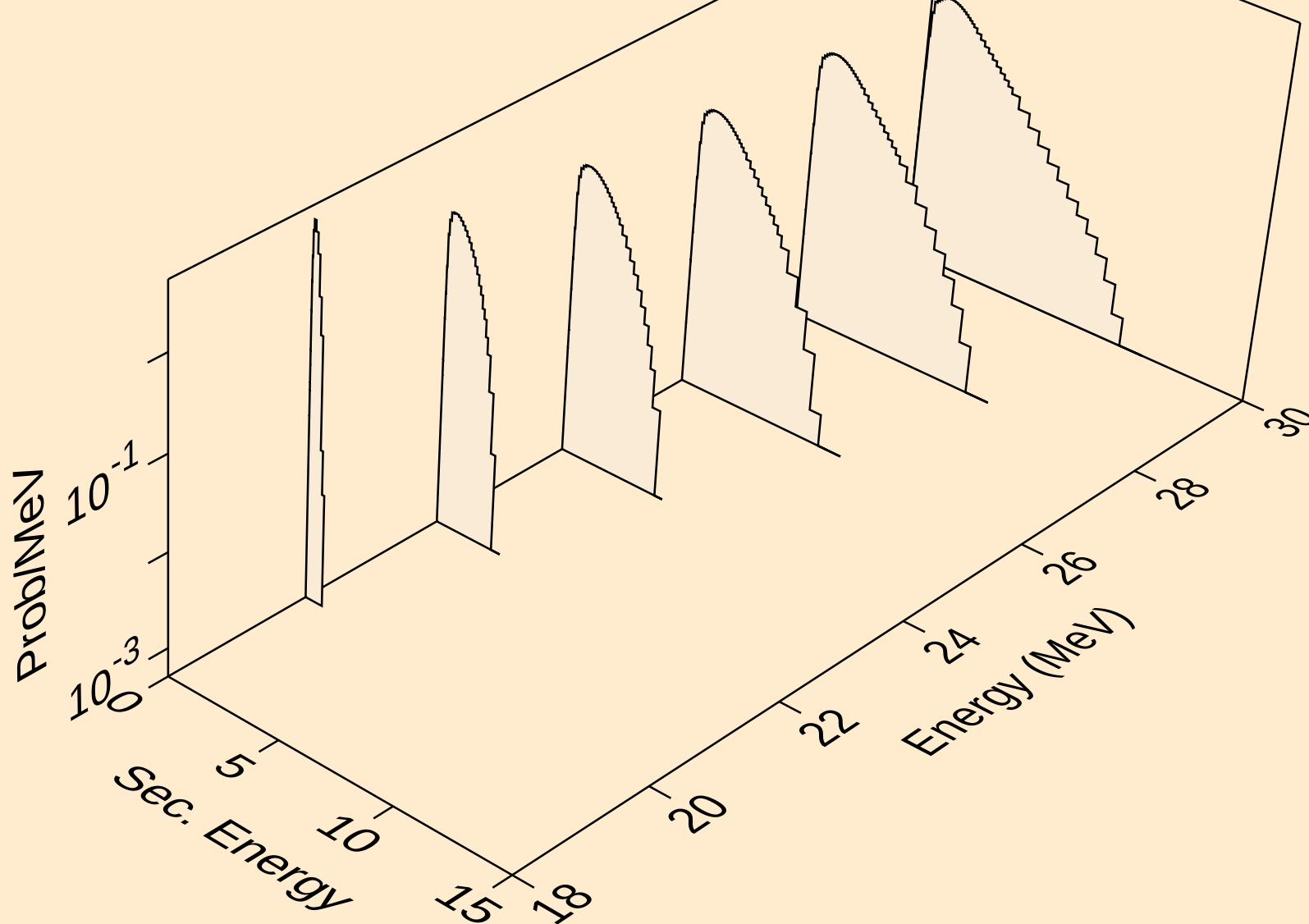
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



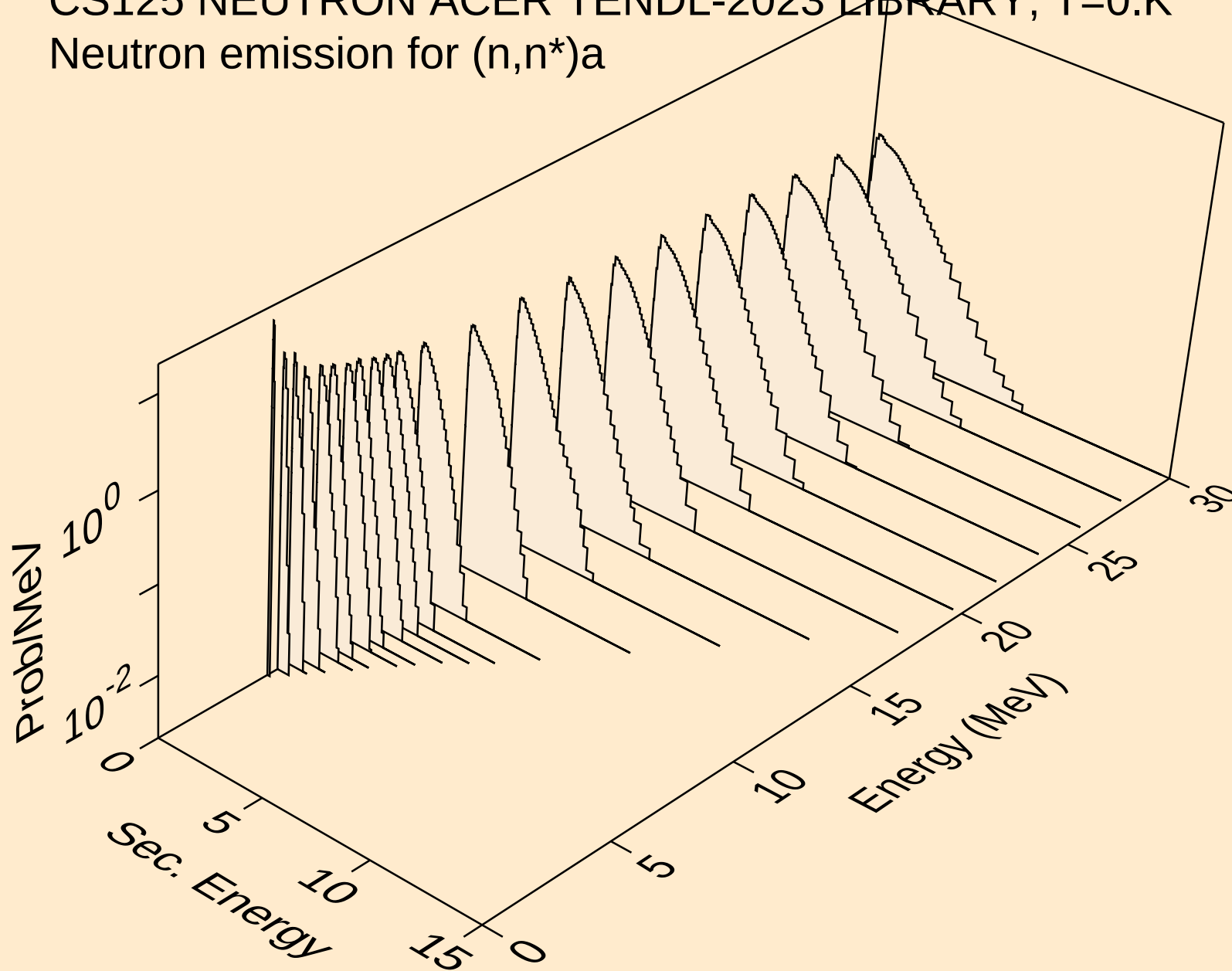
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



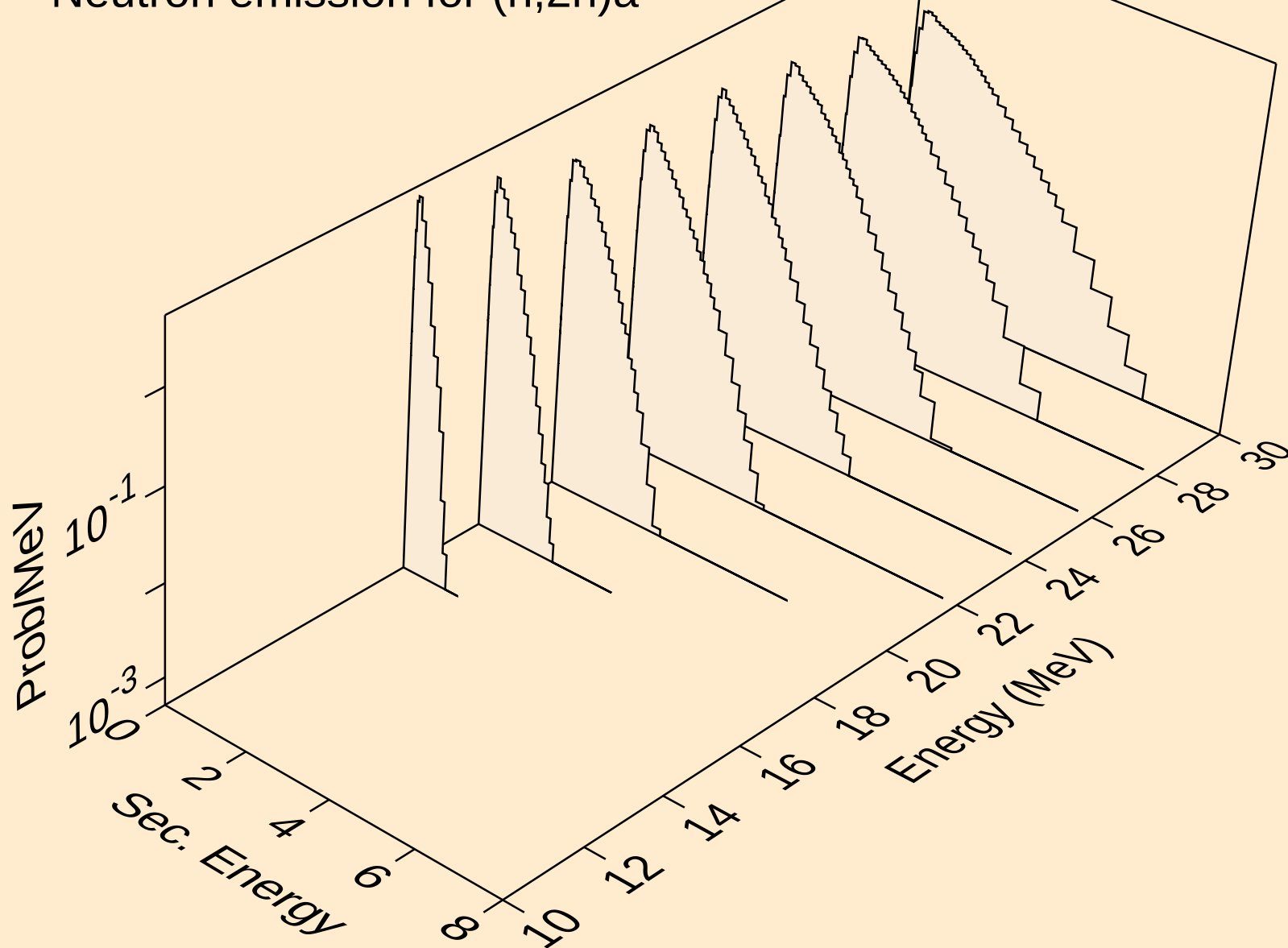
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



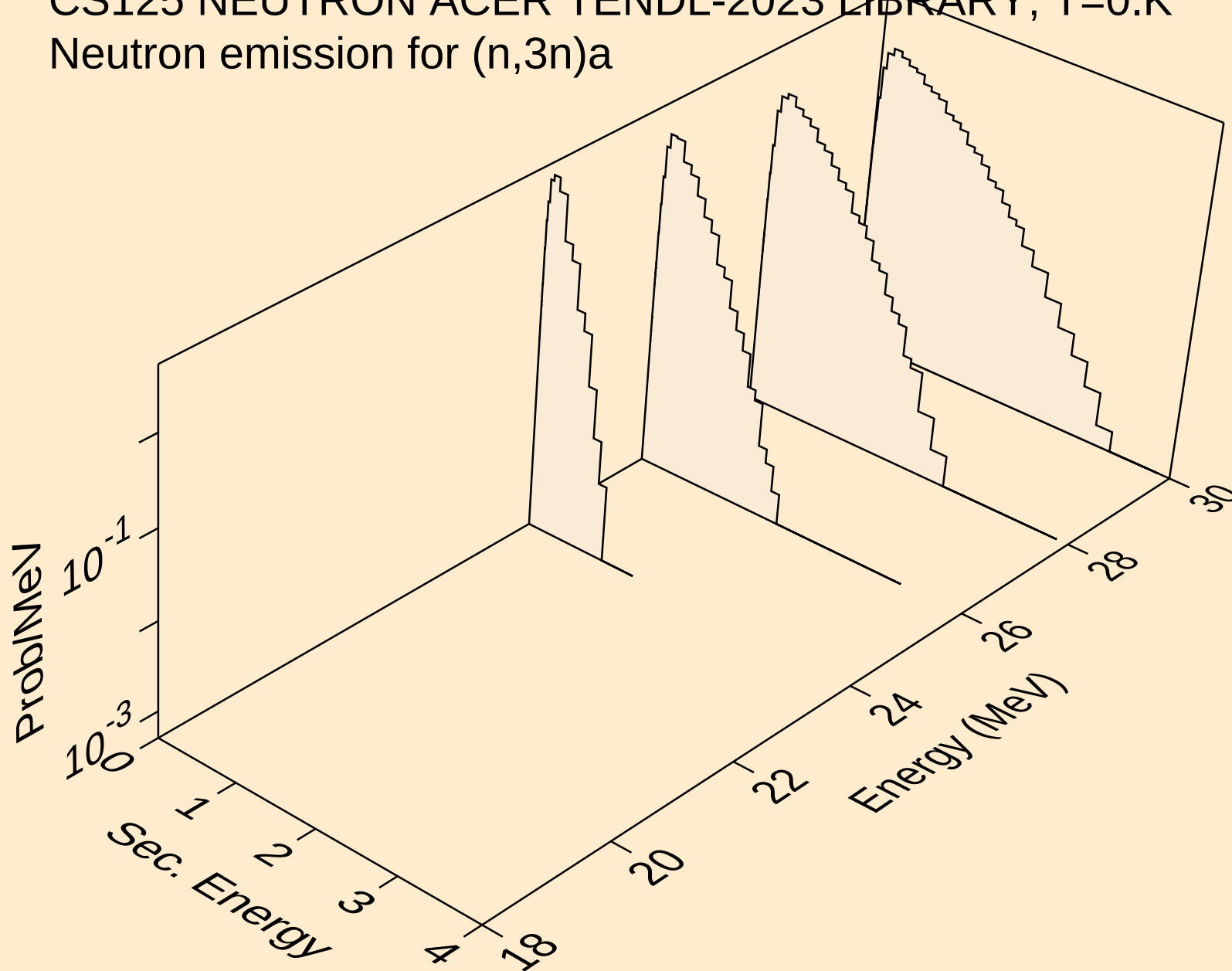
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



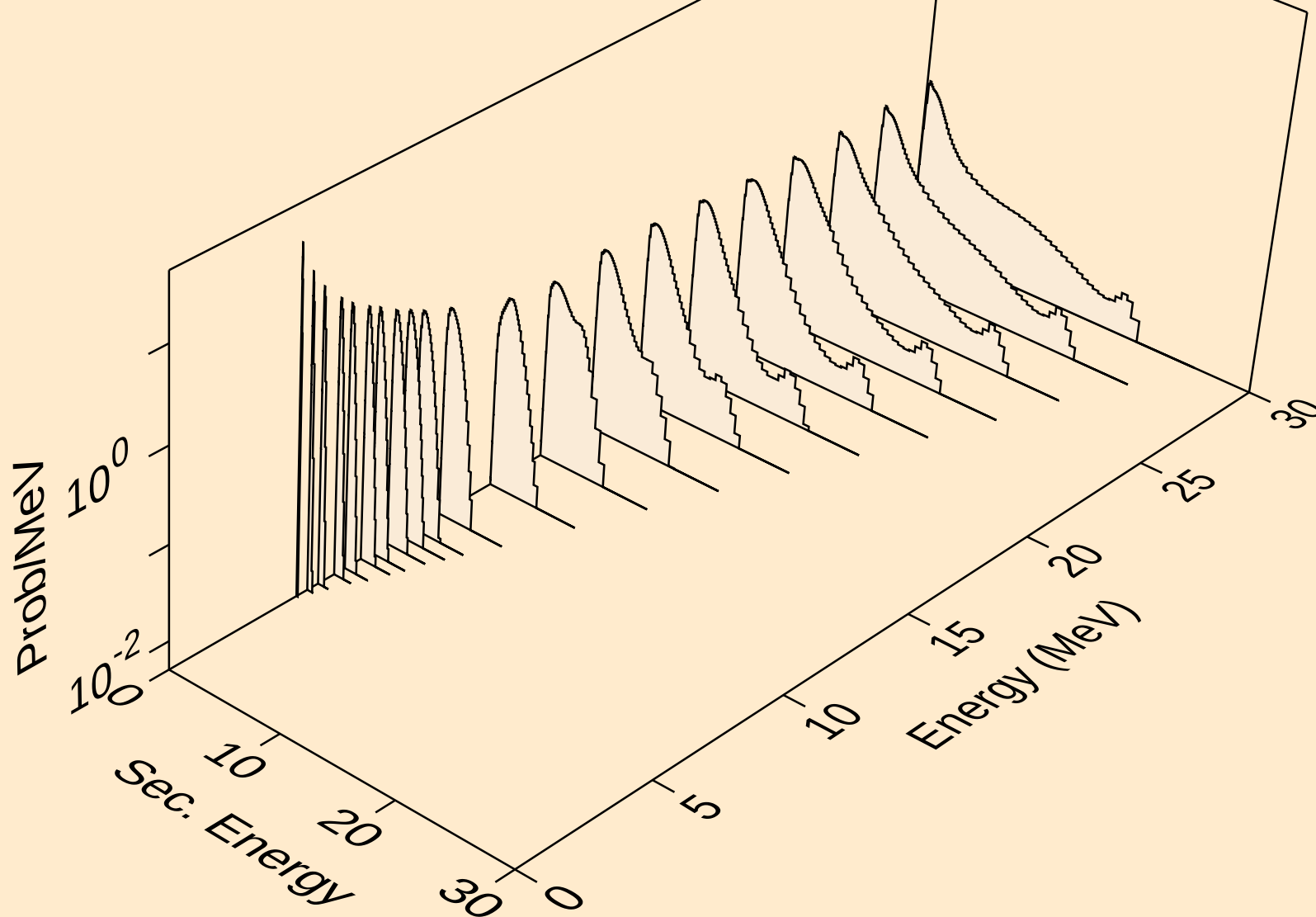
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



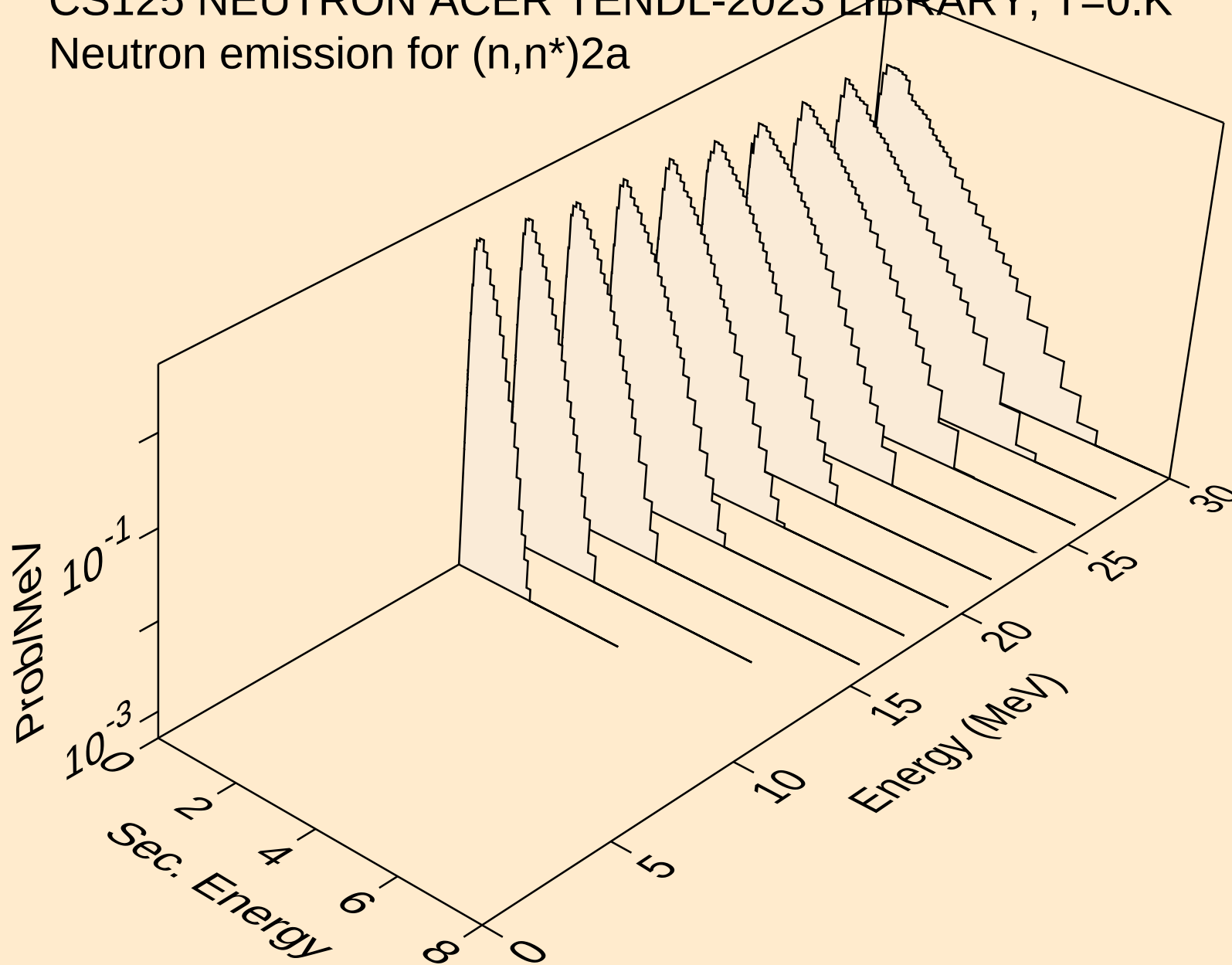
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Neutron emission for (n,3n)a



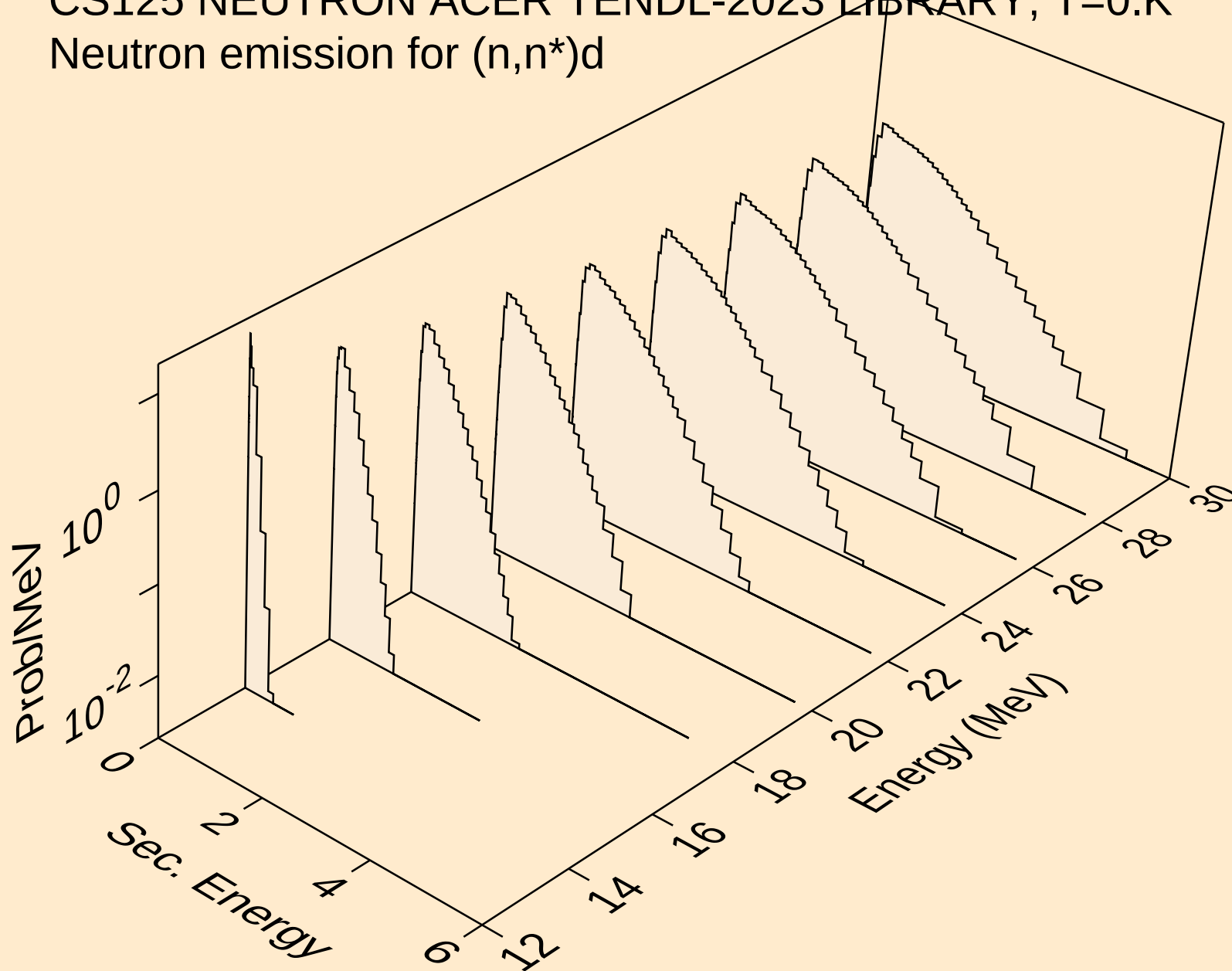
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



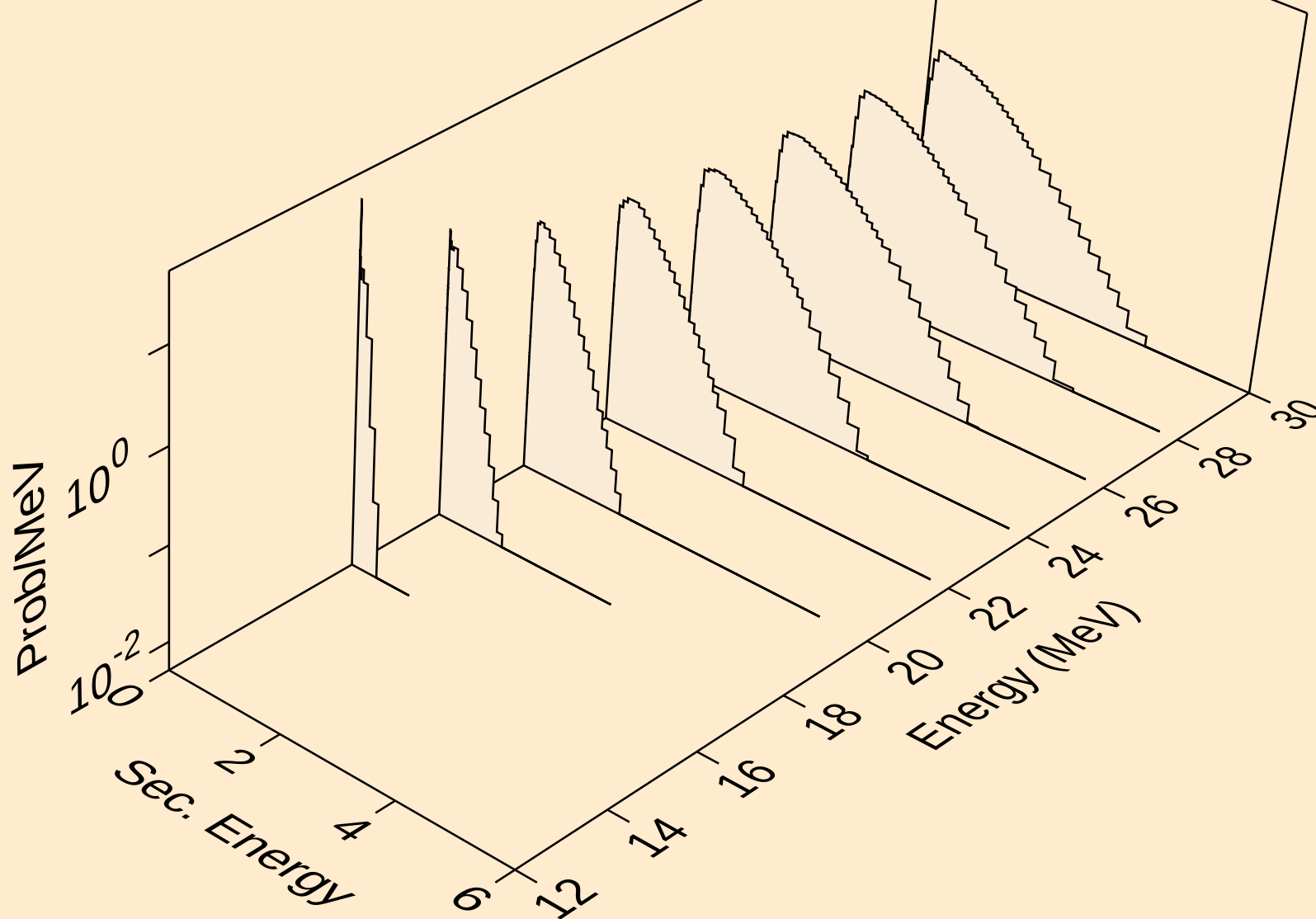
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



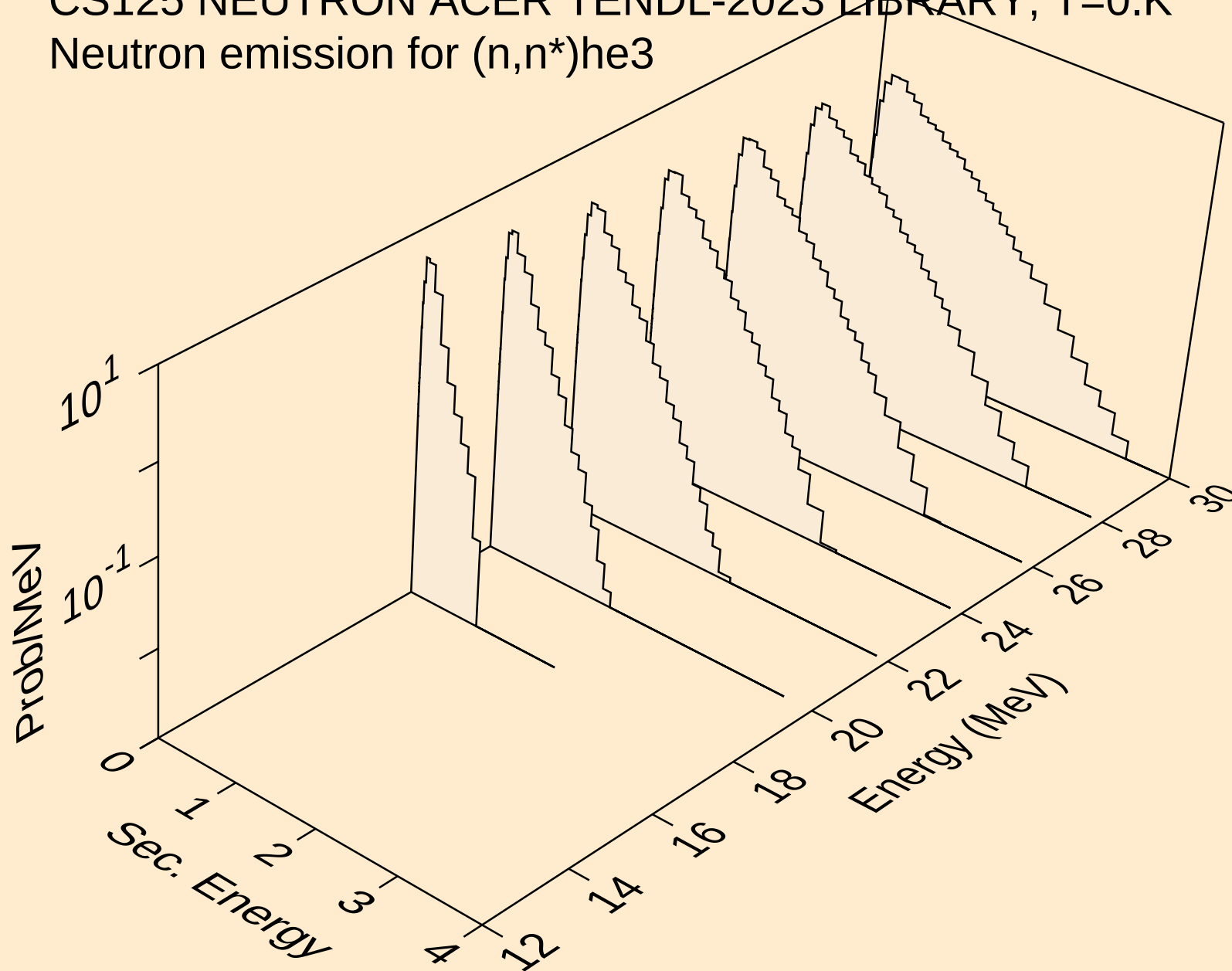
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



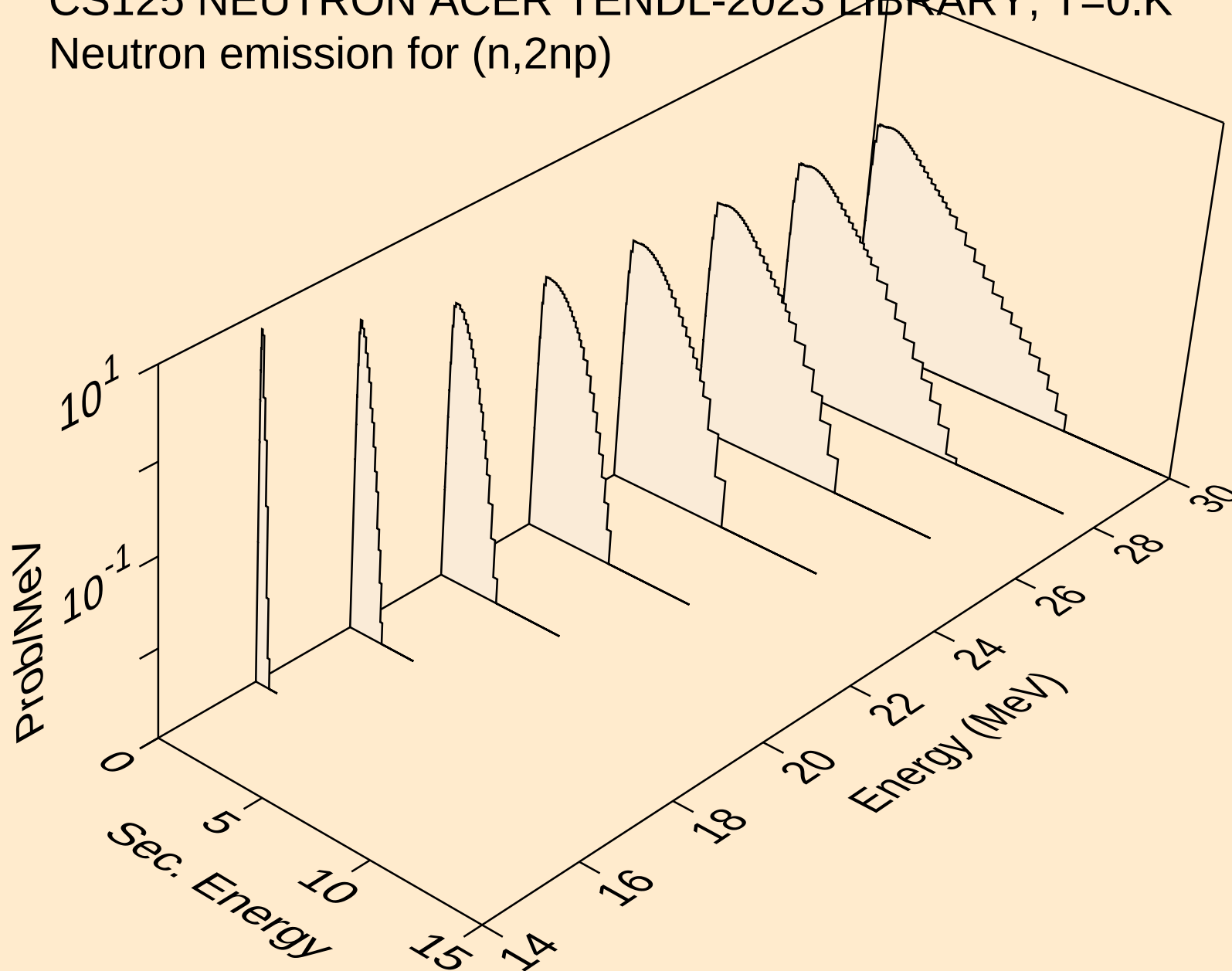
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



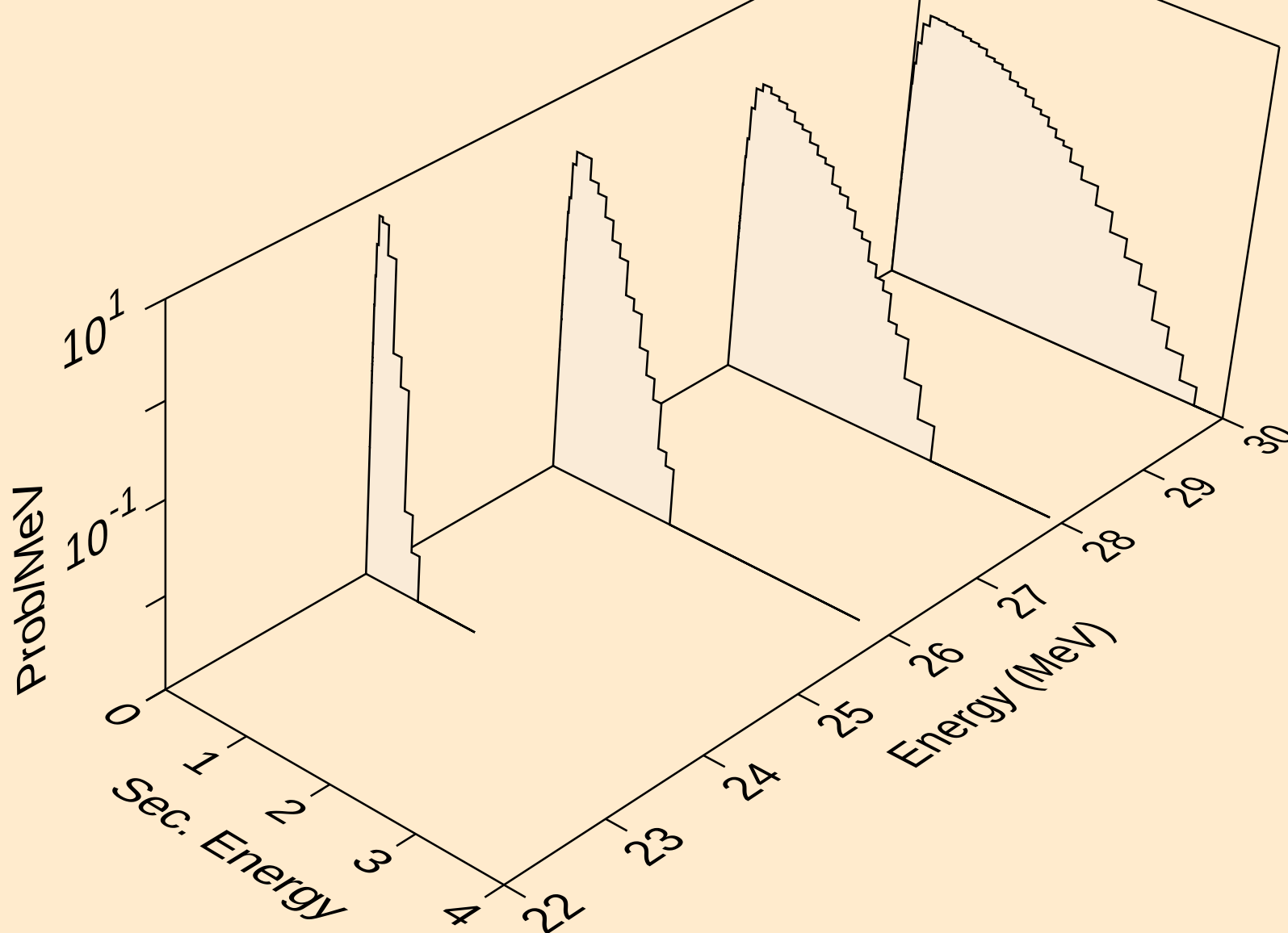
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



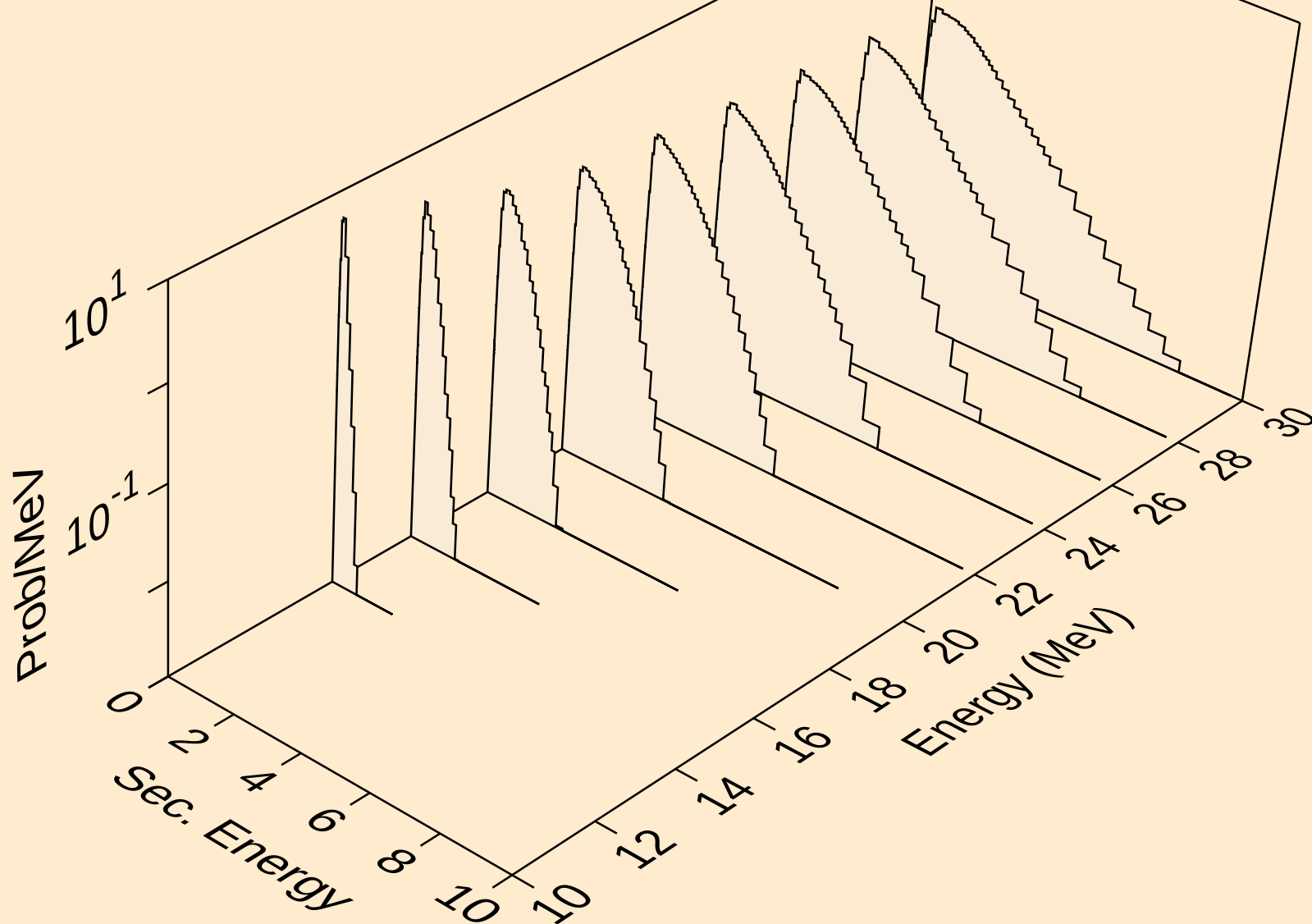
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Neutron emission for (n,2np)



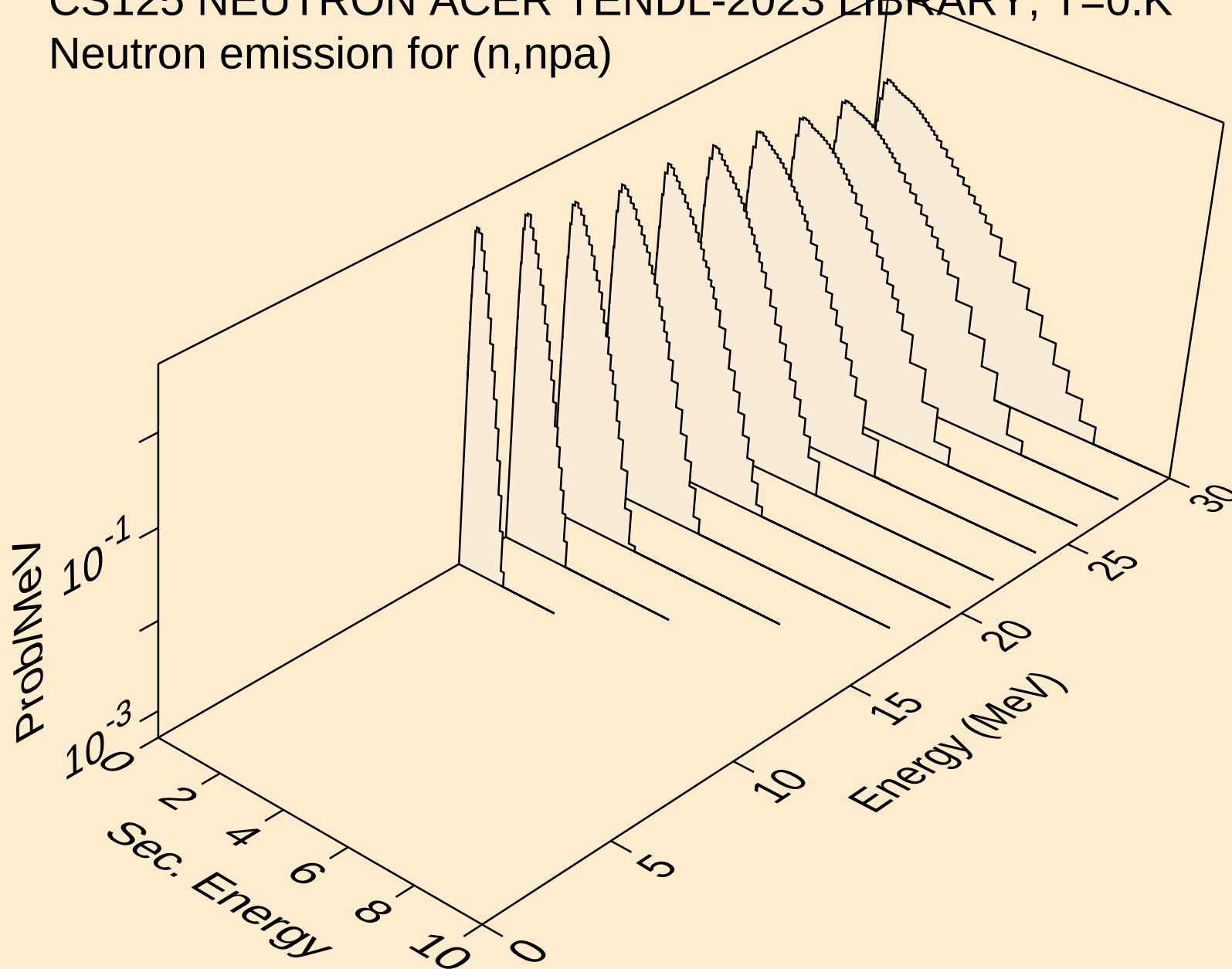
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Neutron emission for (n,3np)



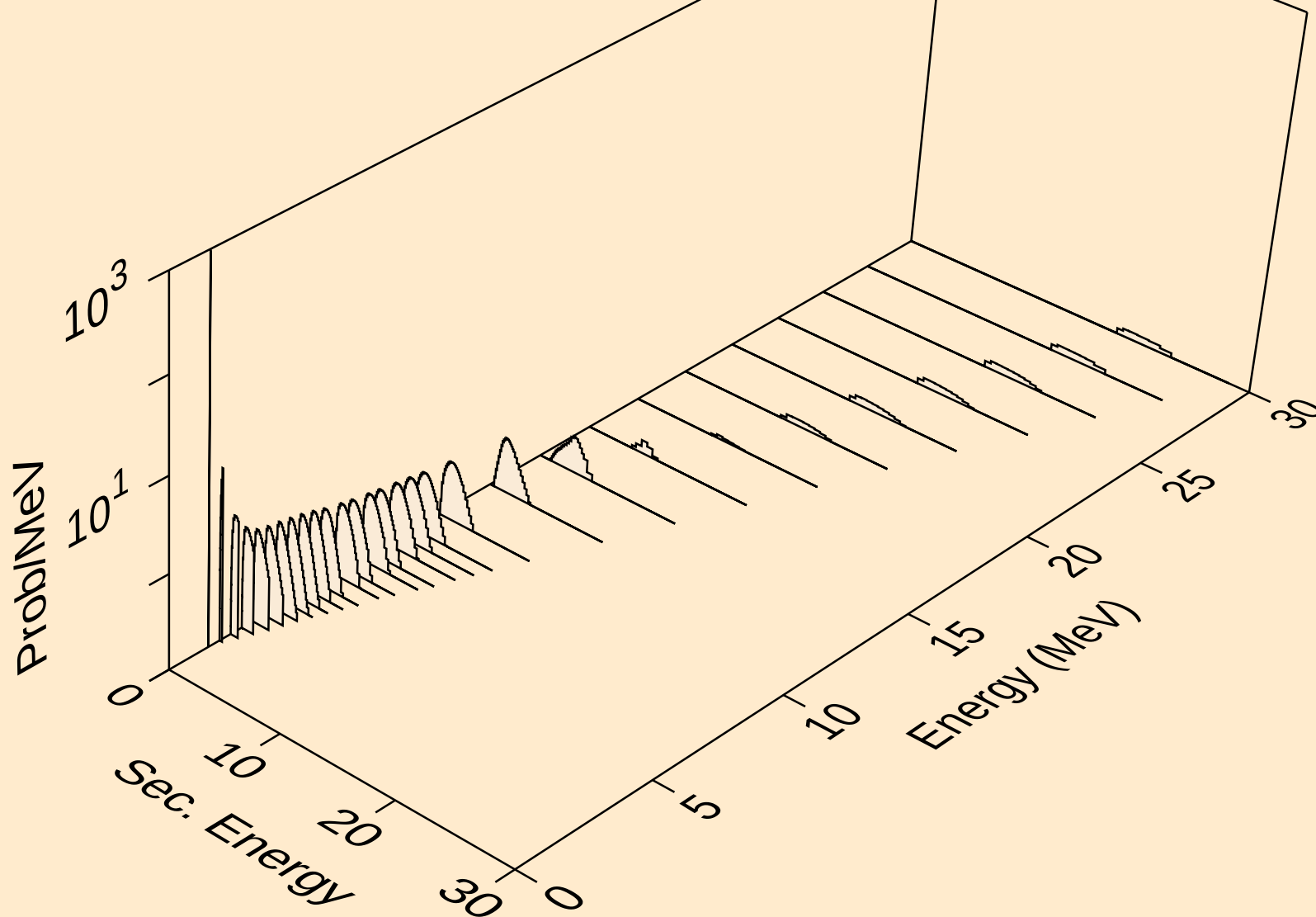
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Neutron emission for (n,n2p)



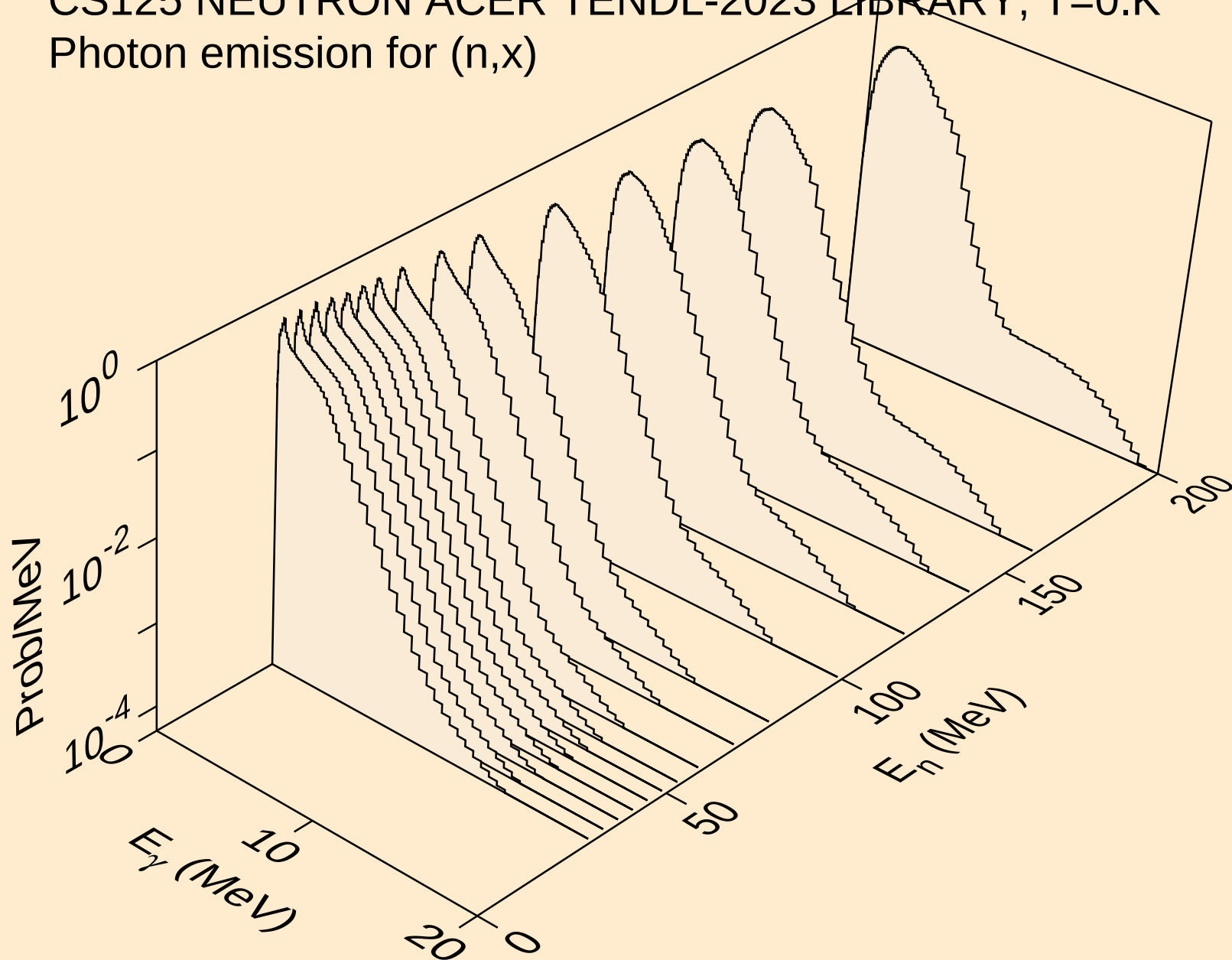
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Neutron emission for (n,npa)



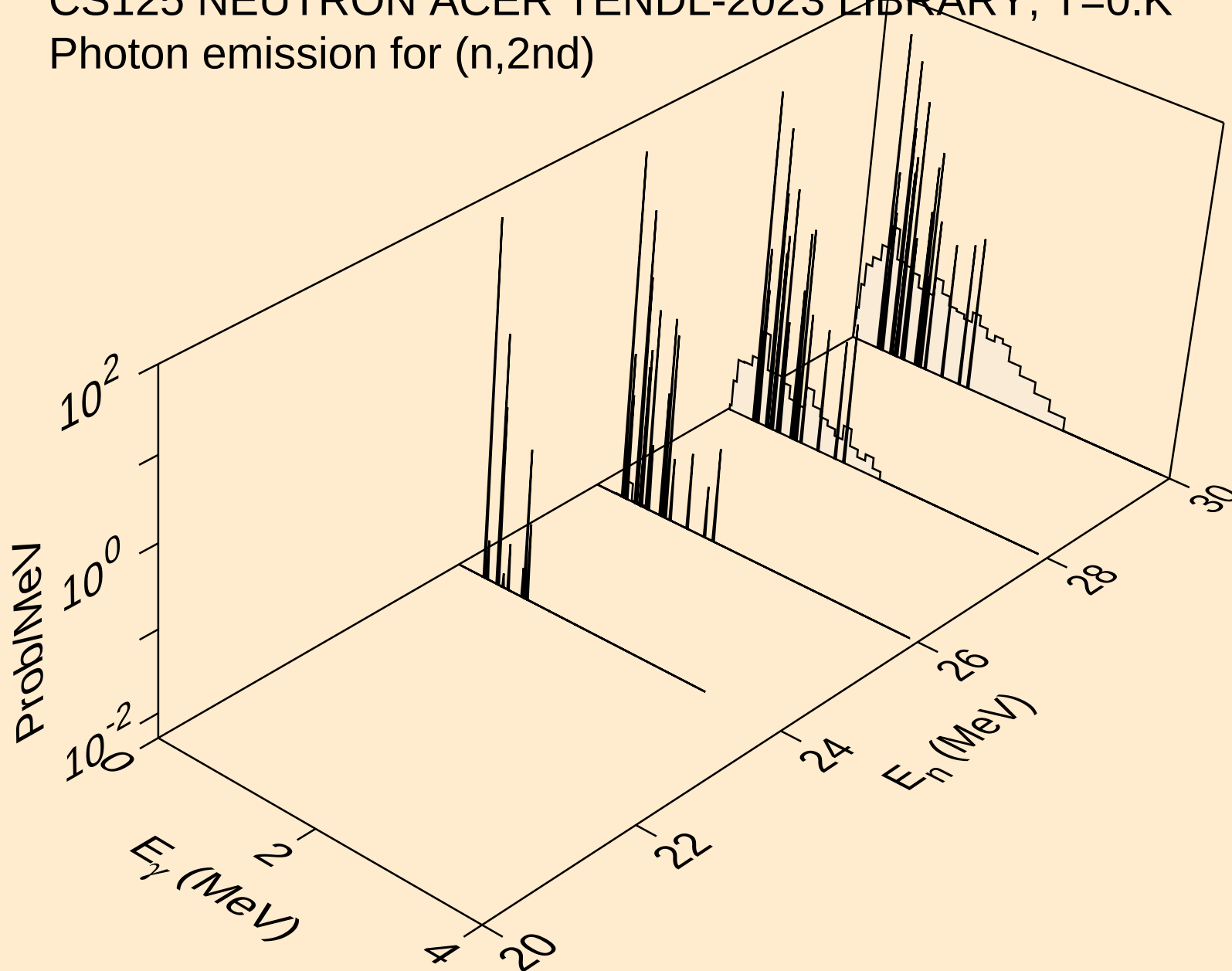
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



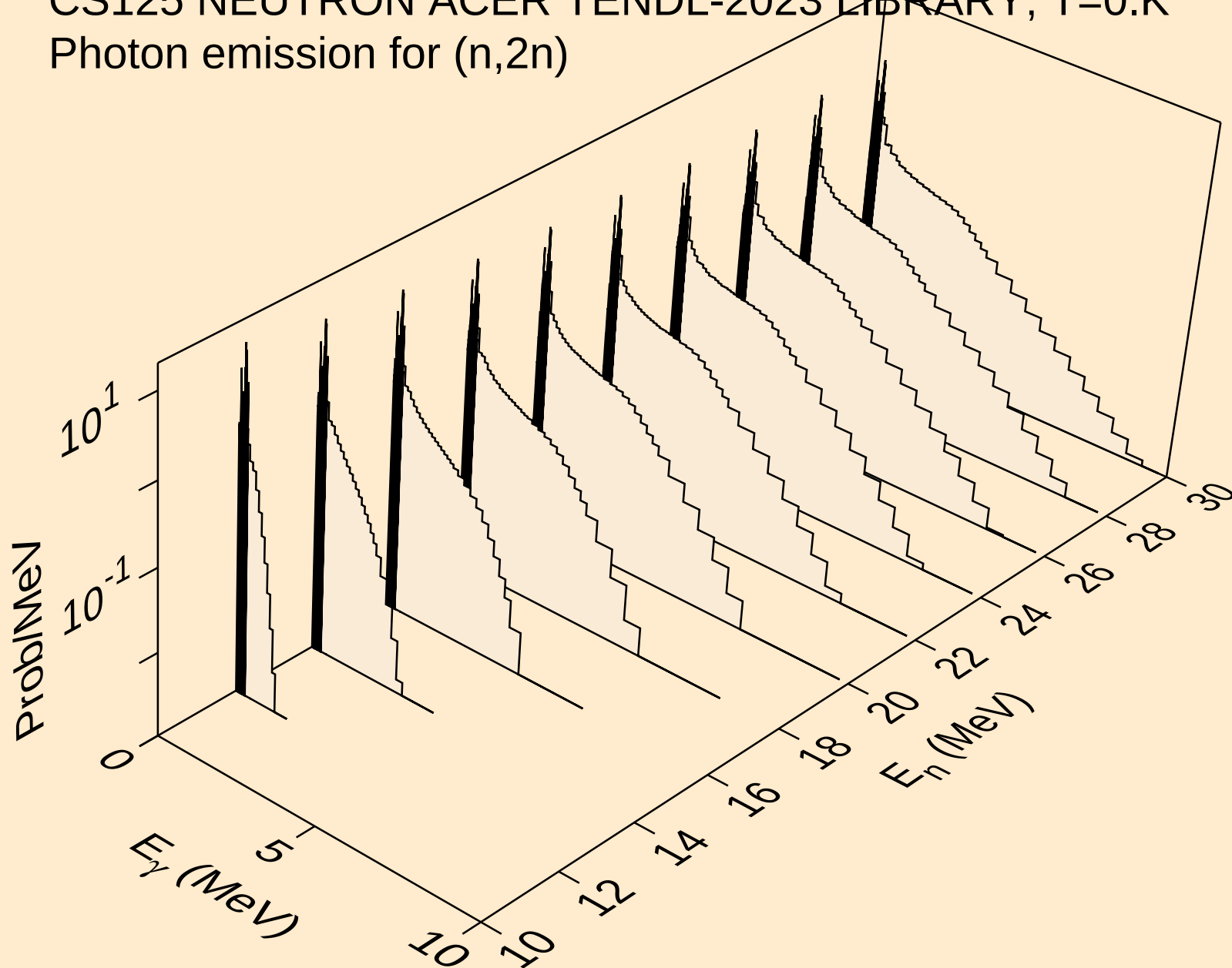
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



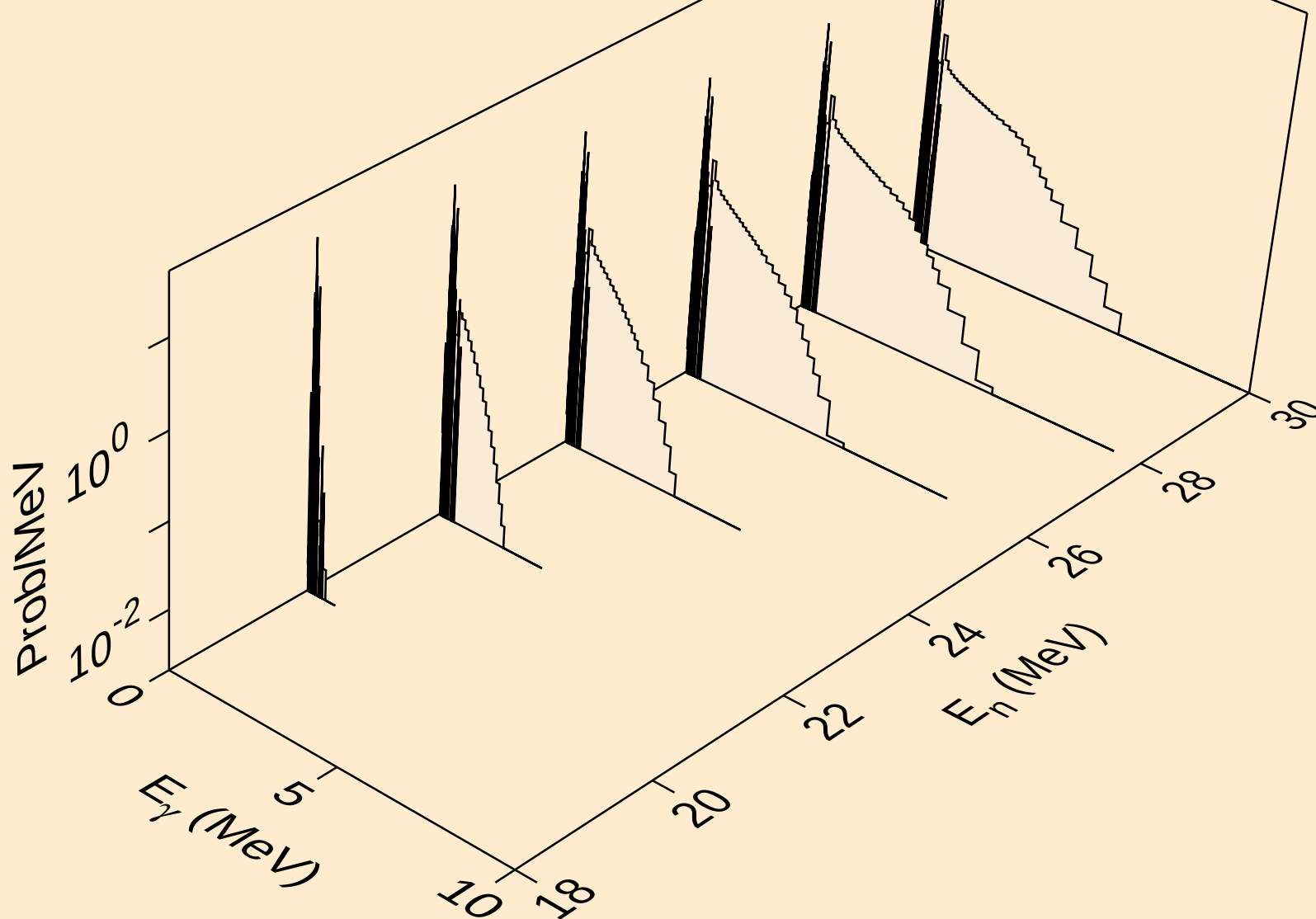
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



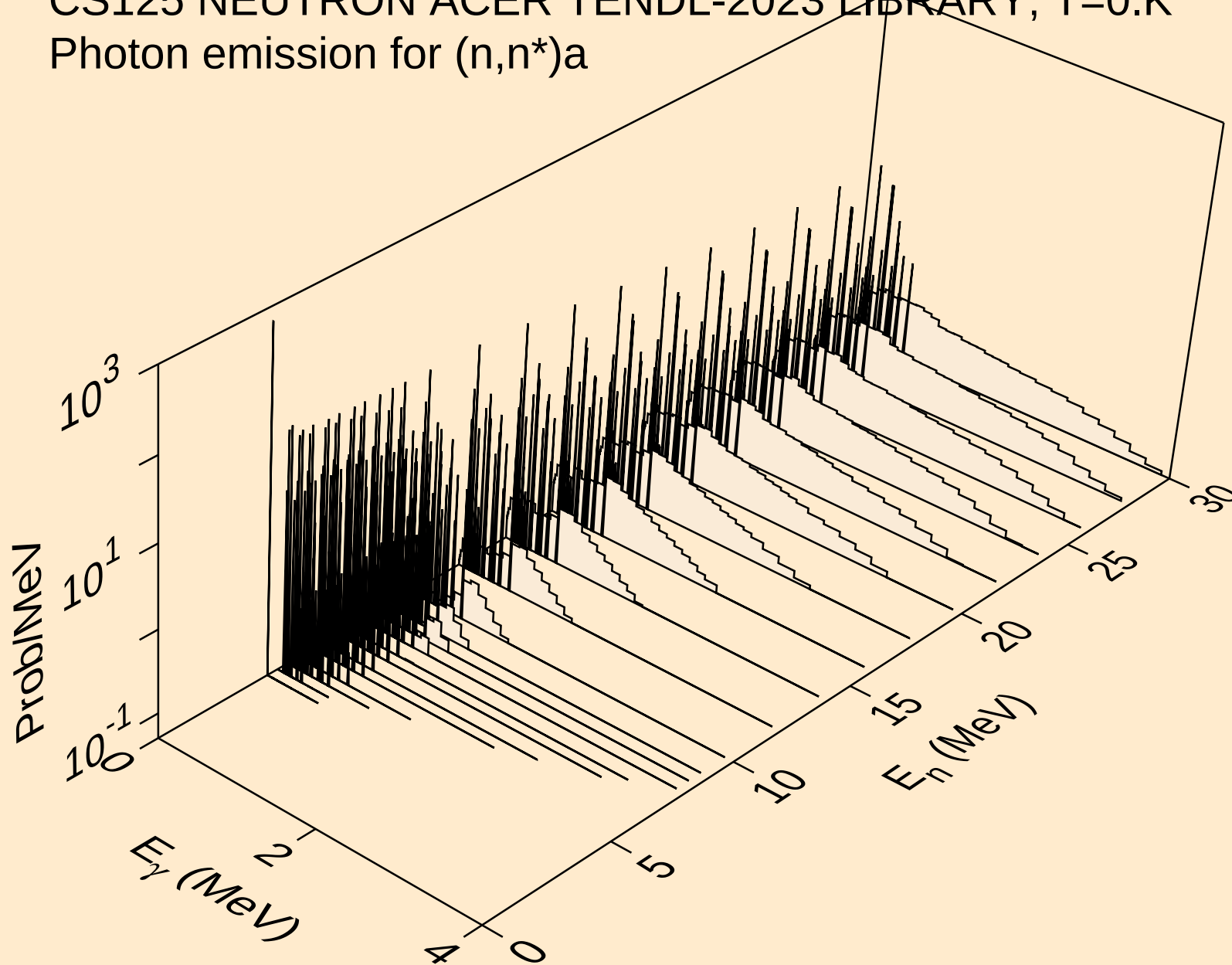
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Photon emission for (n,2n)



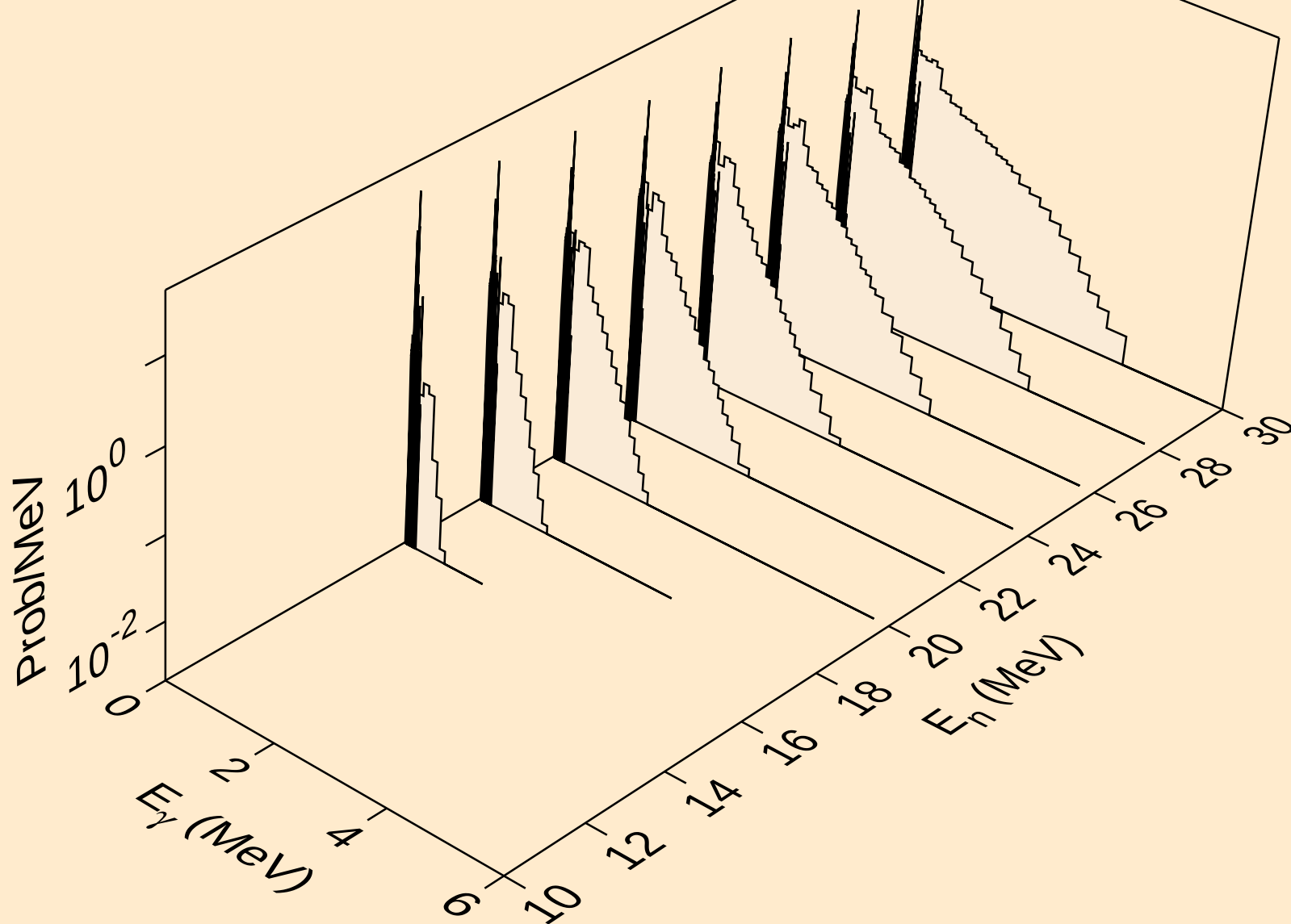
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Photon emission for (n,3n)



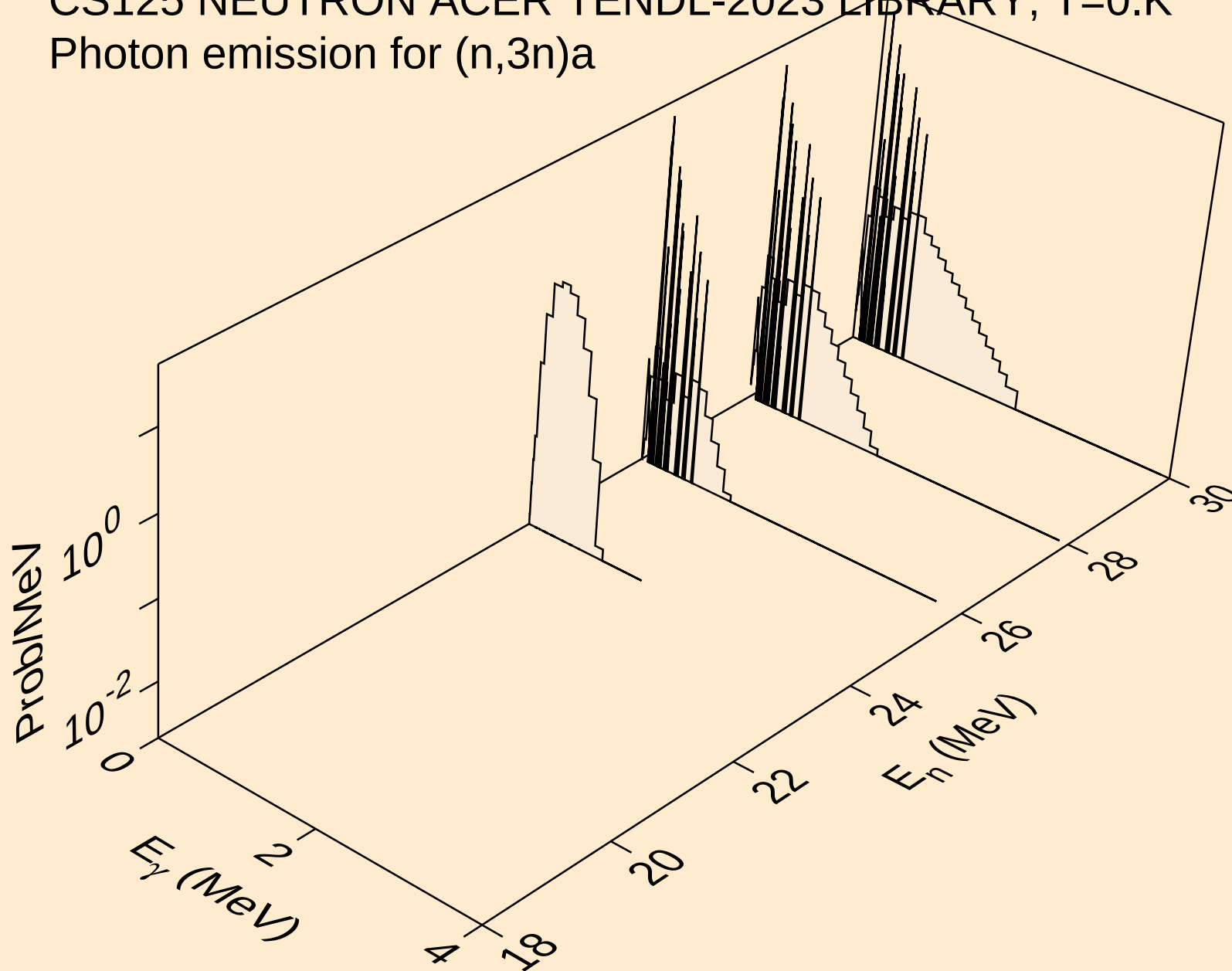
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$

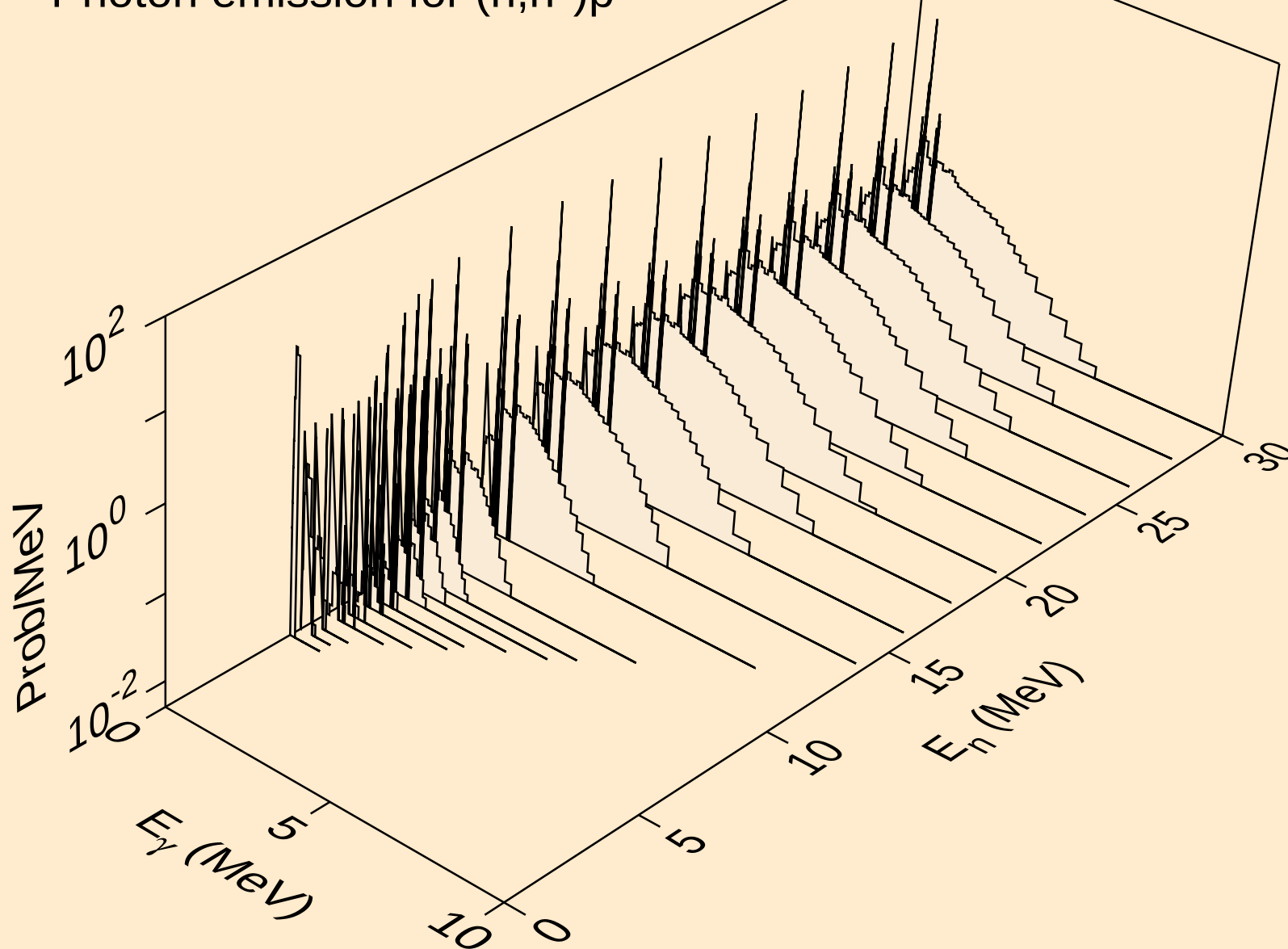


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

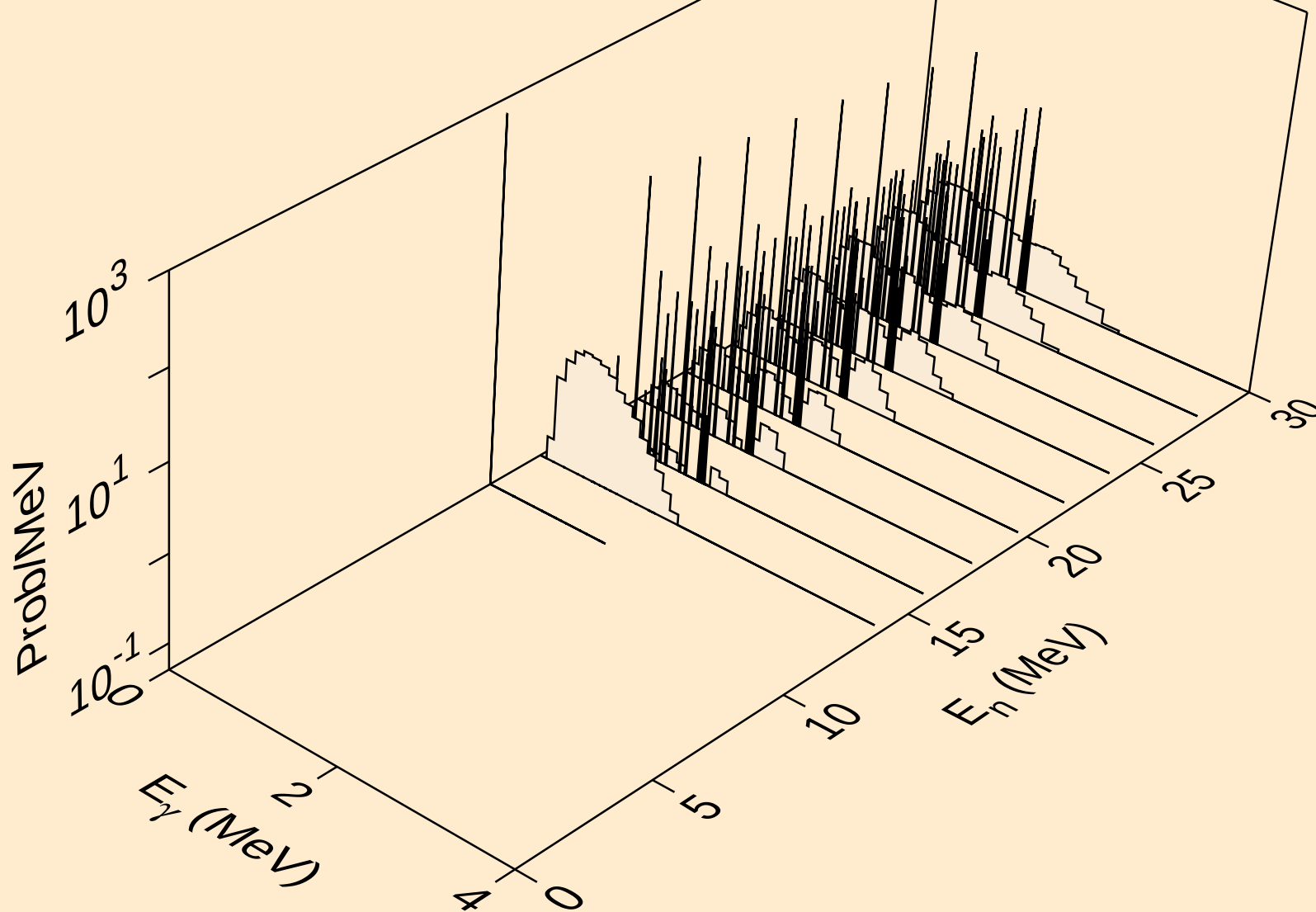


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

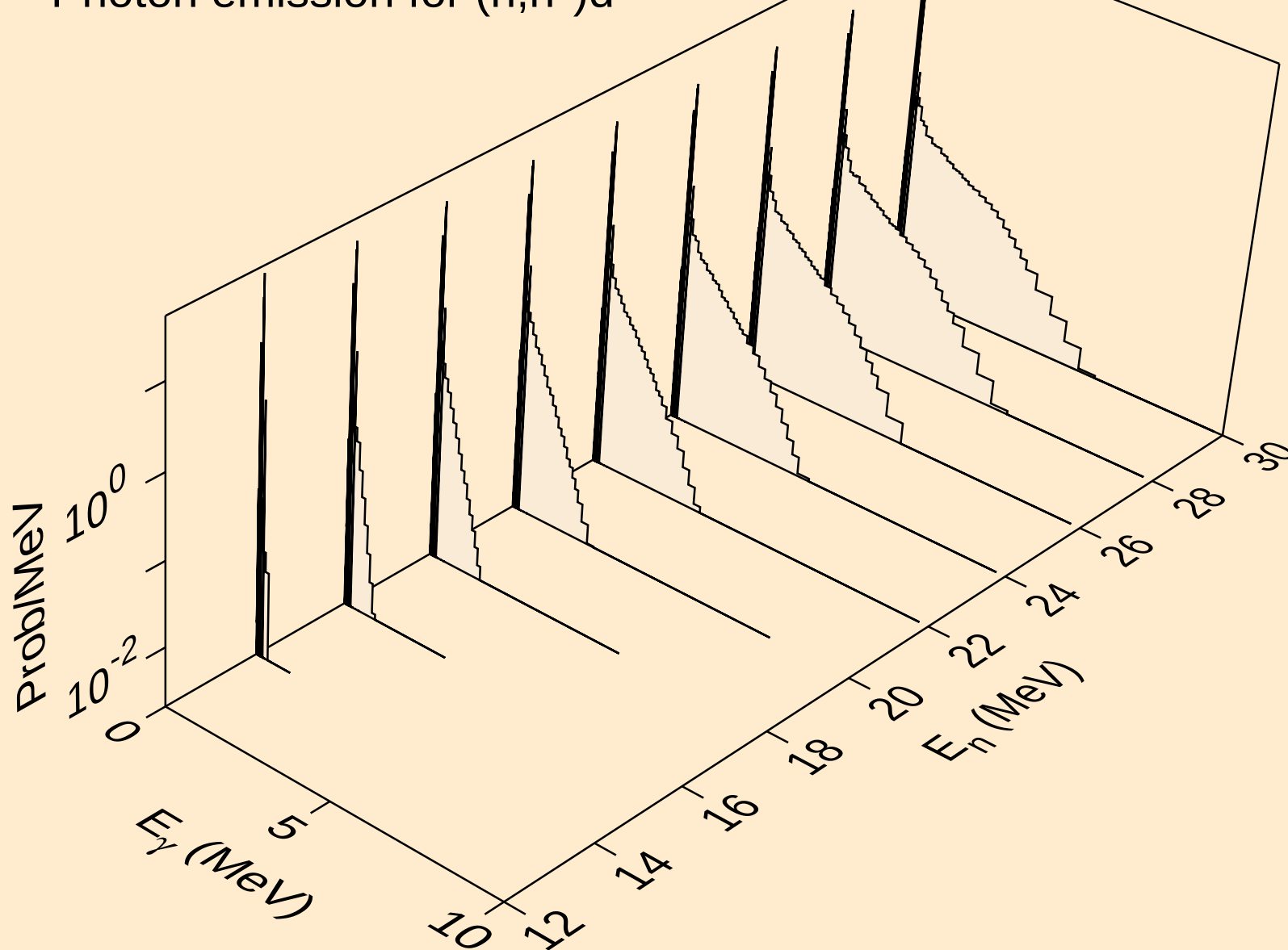


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



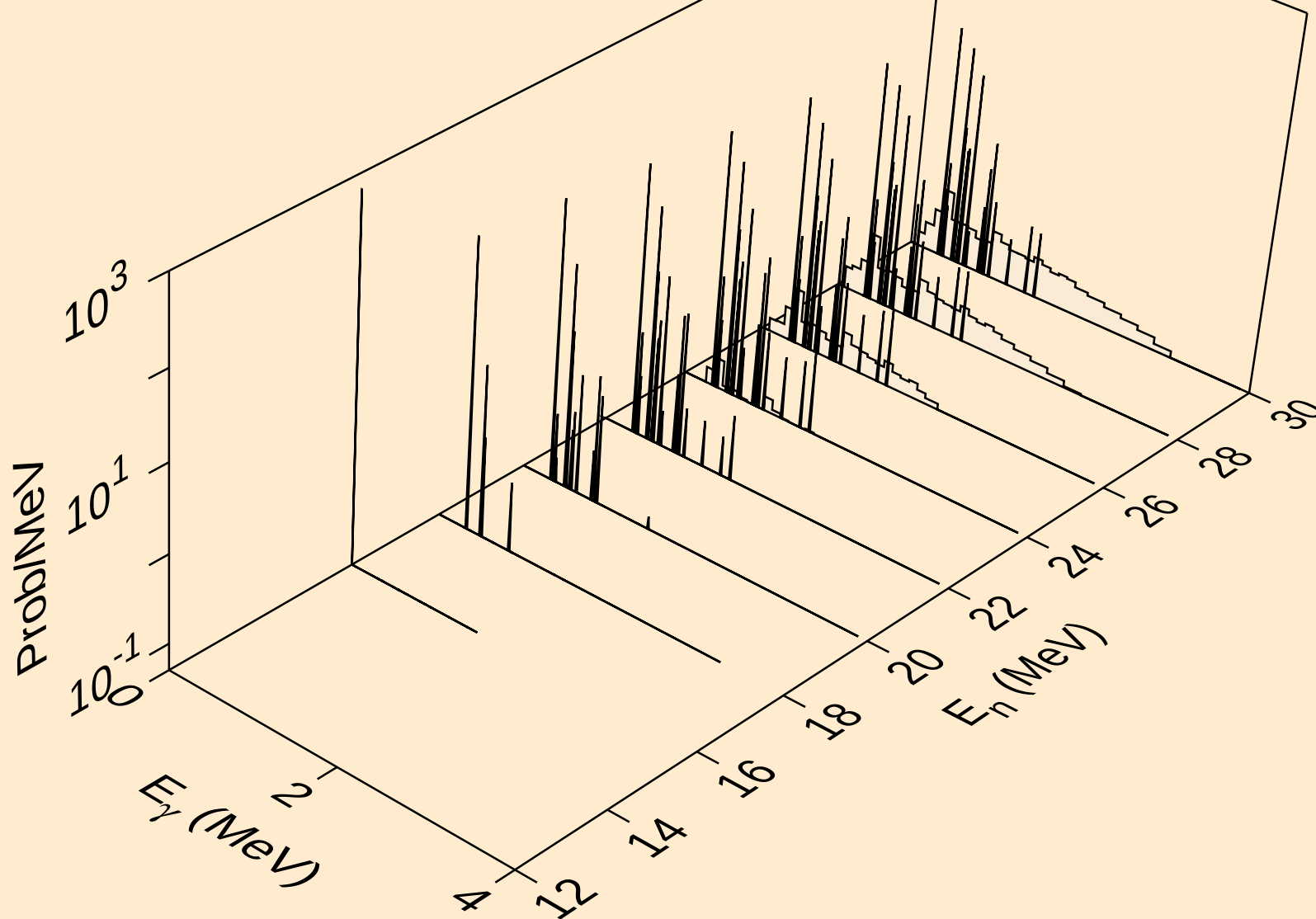
# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

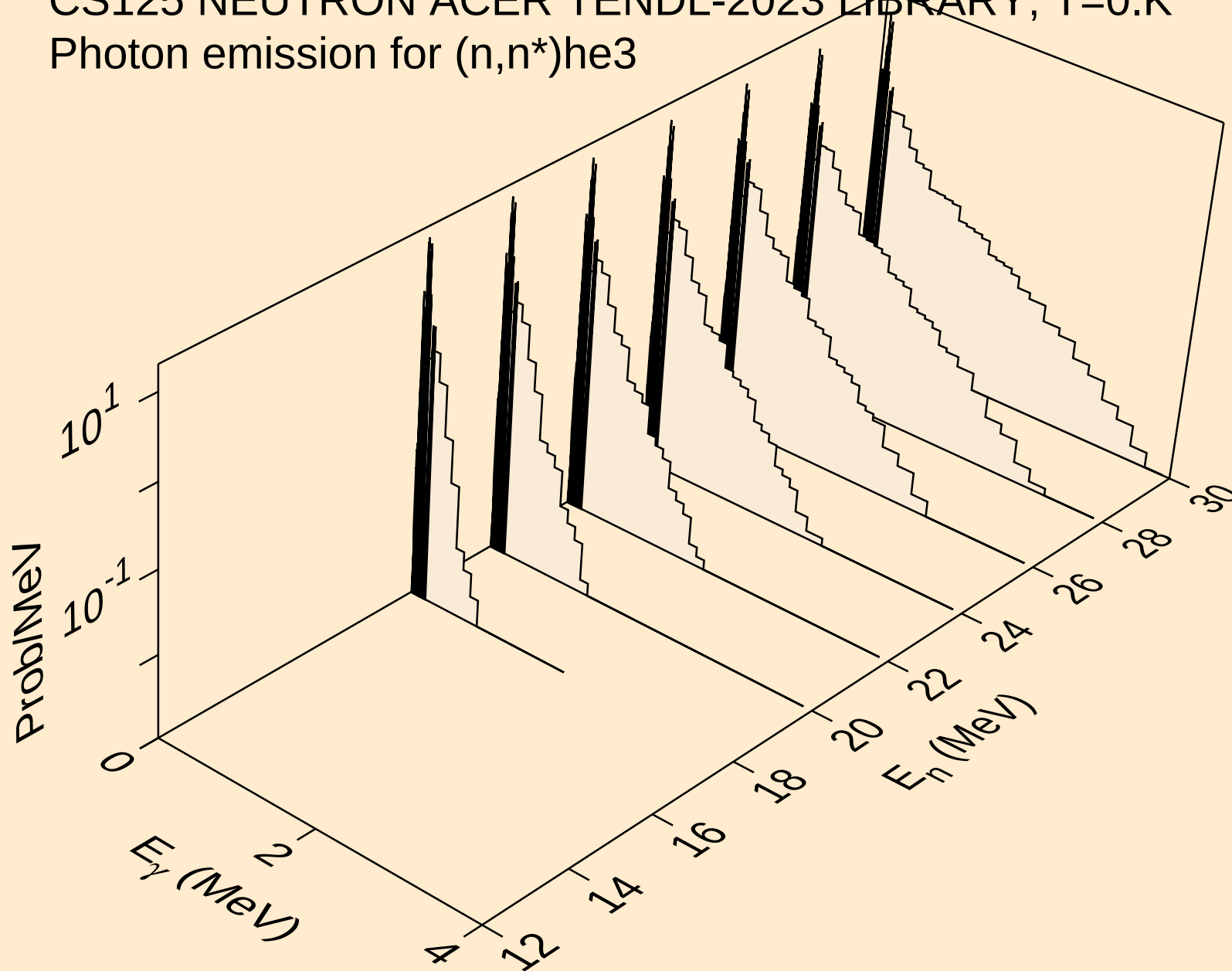


# CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

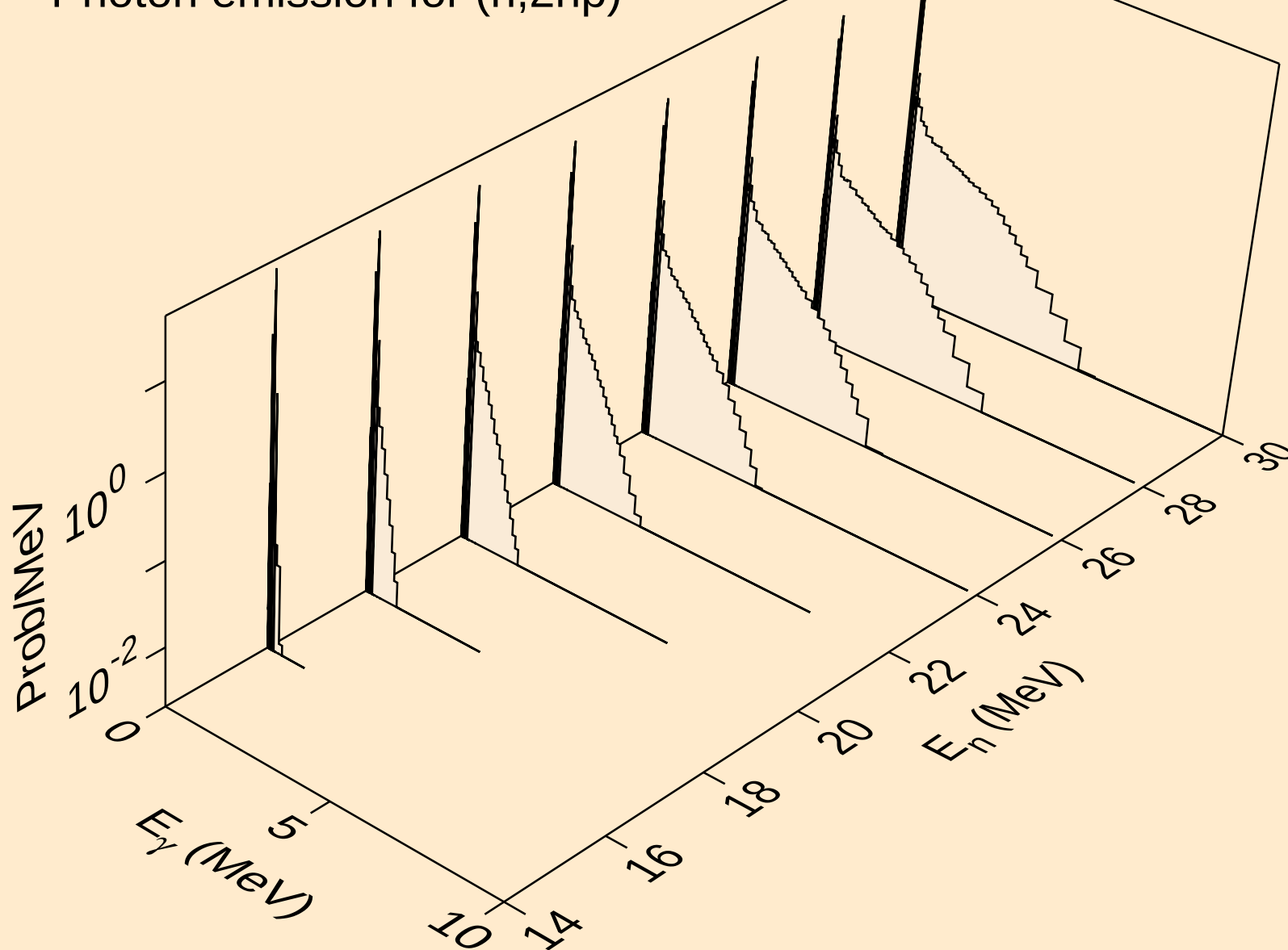
Photon emission for (n,n\*)t



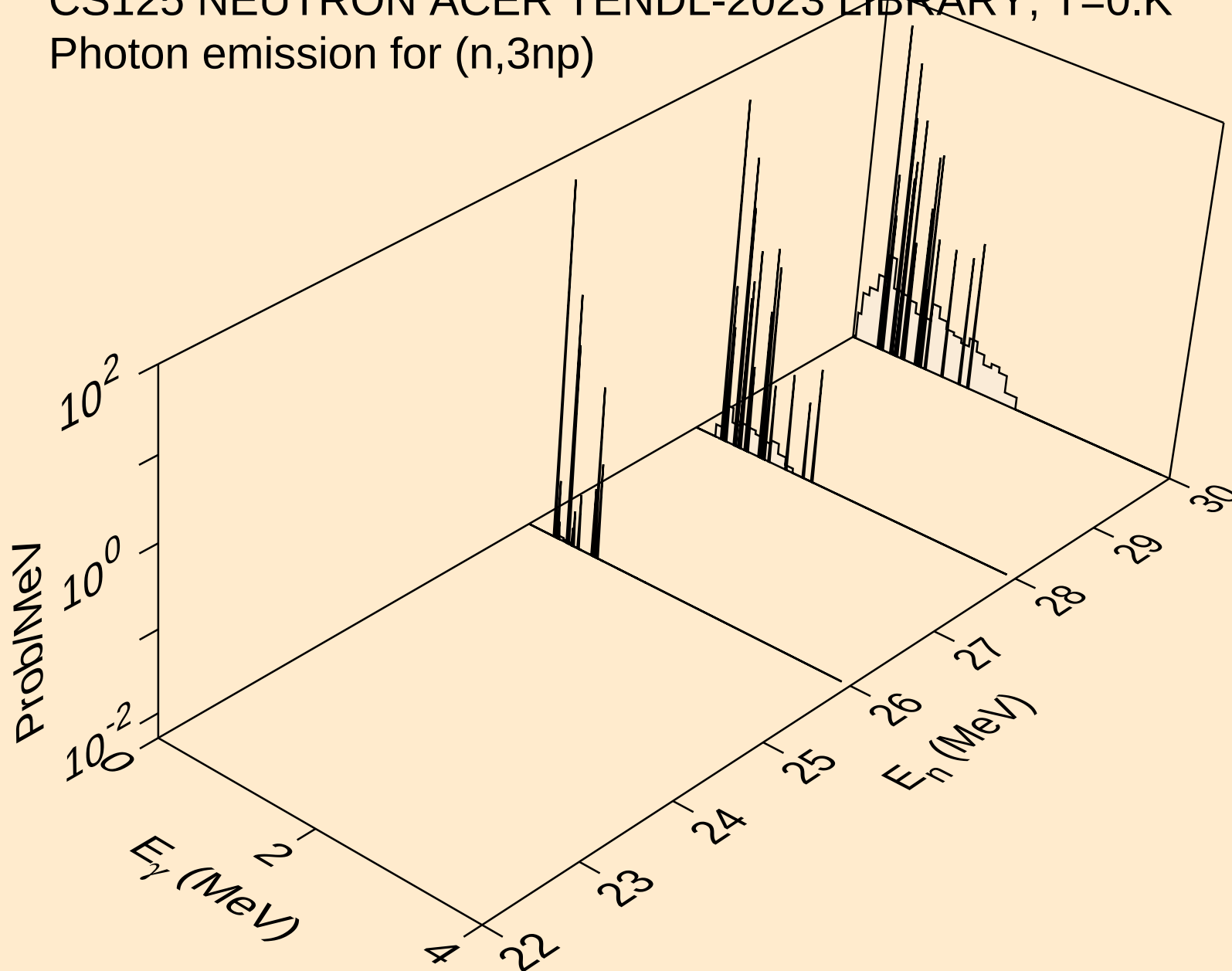
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



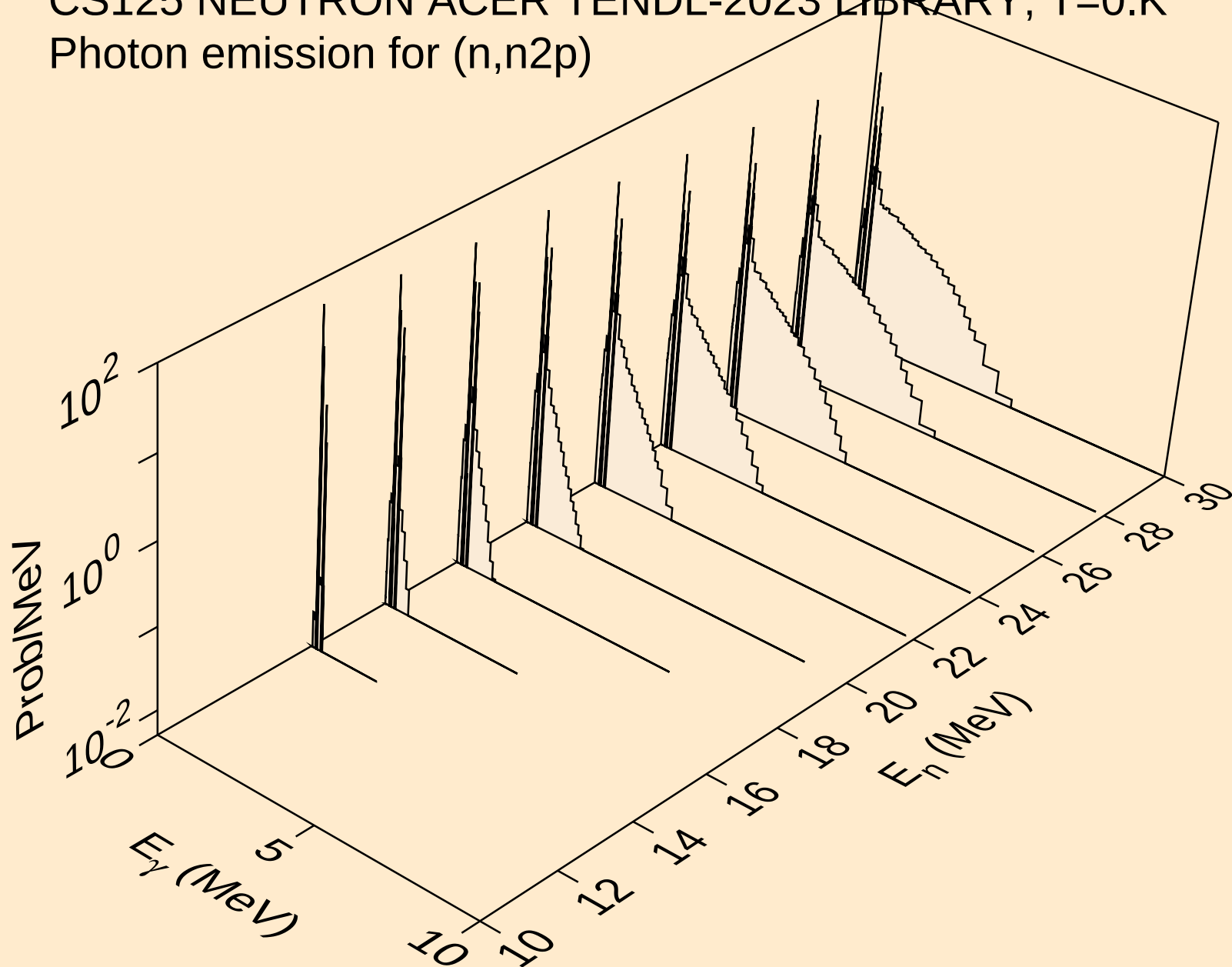
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



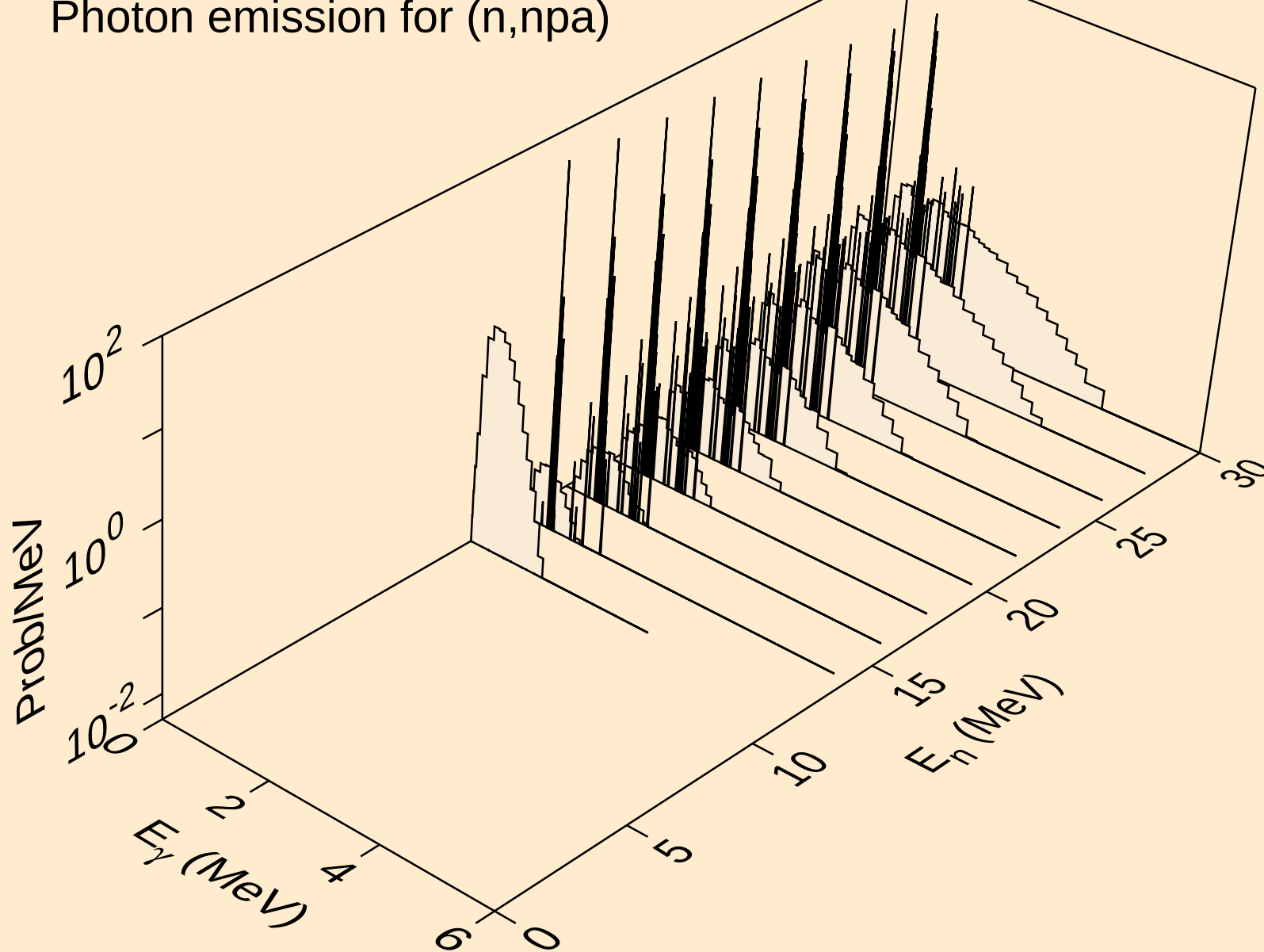
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



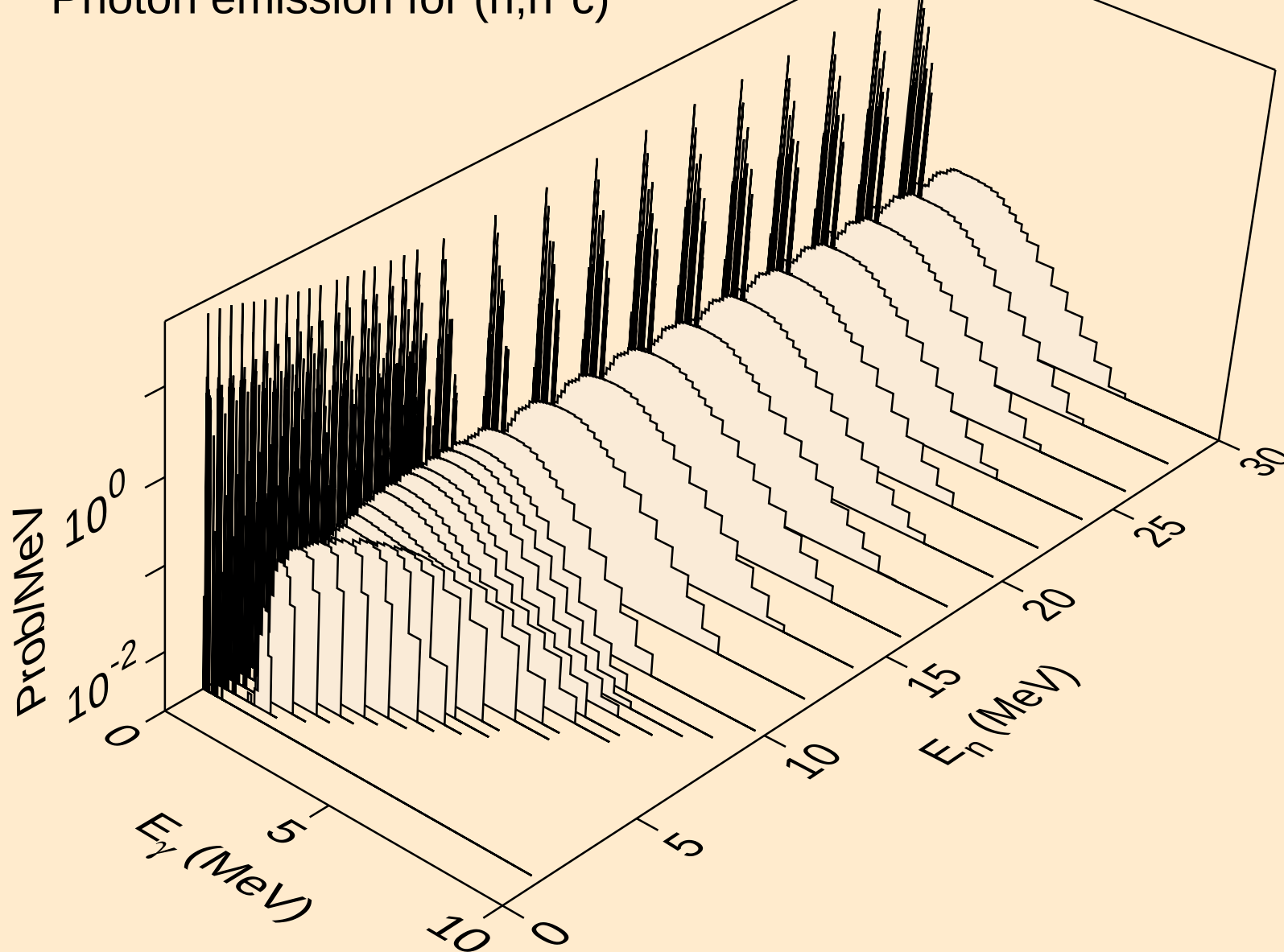
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



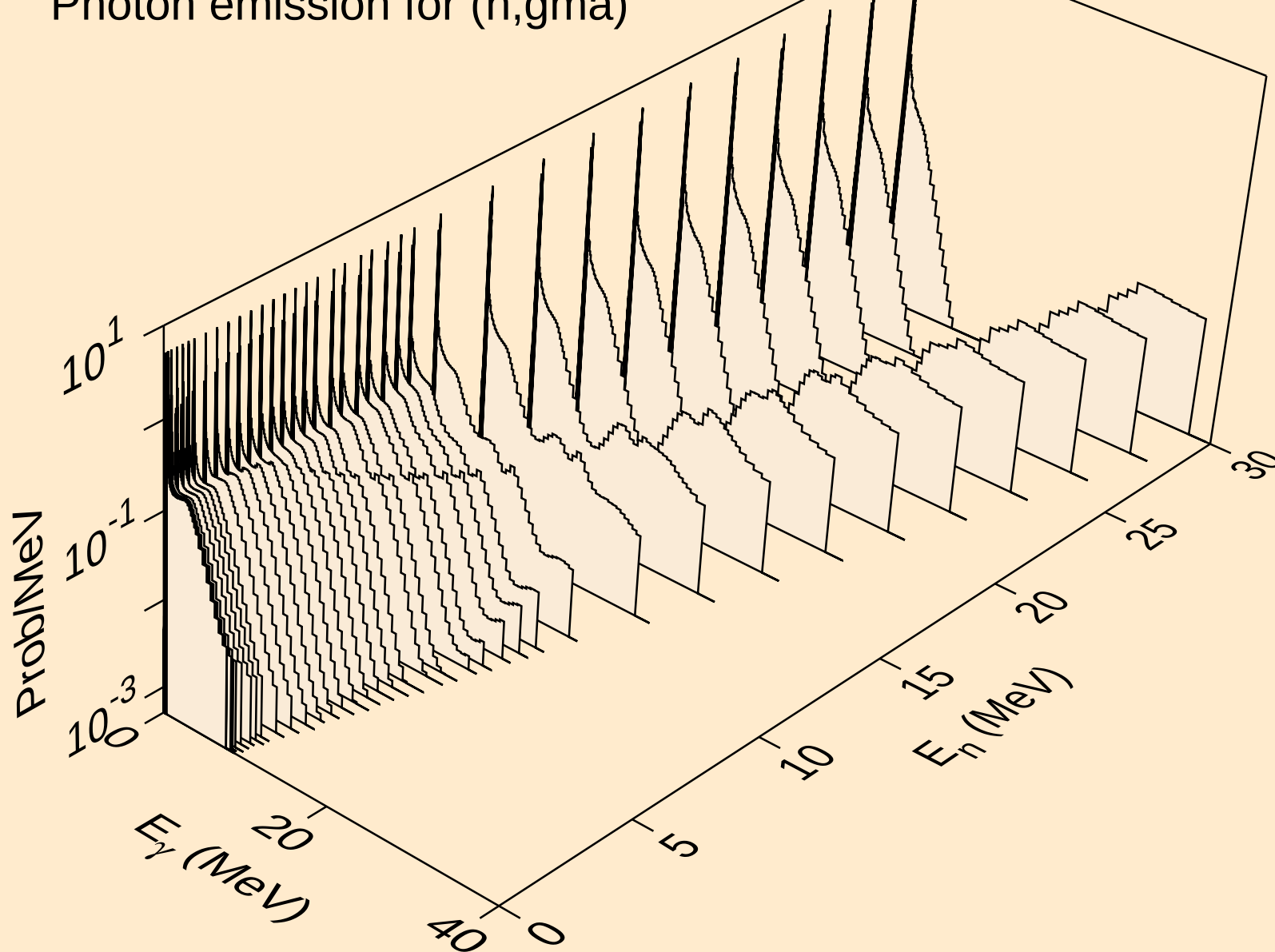
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Photon emission for (n,npa)



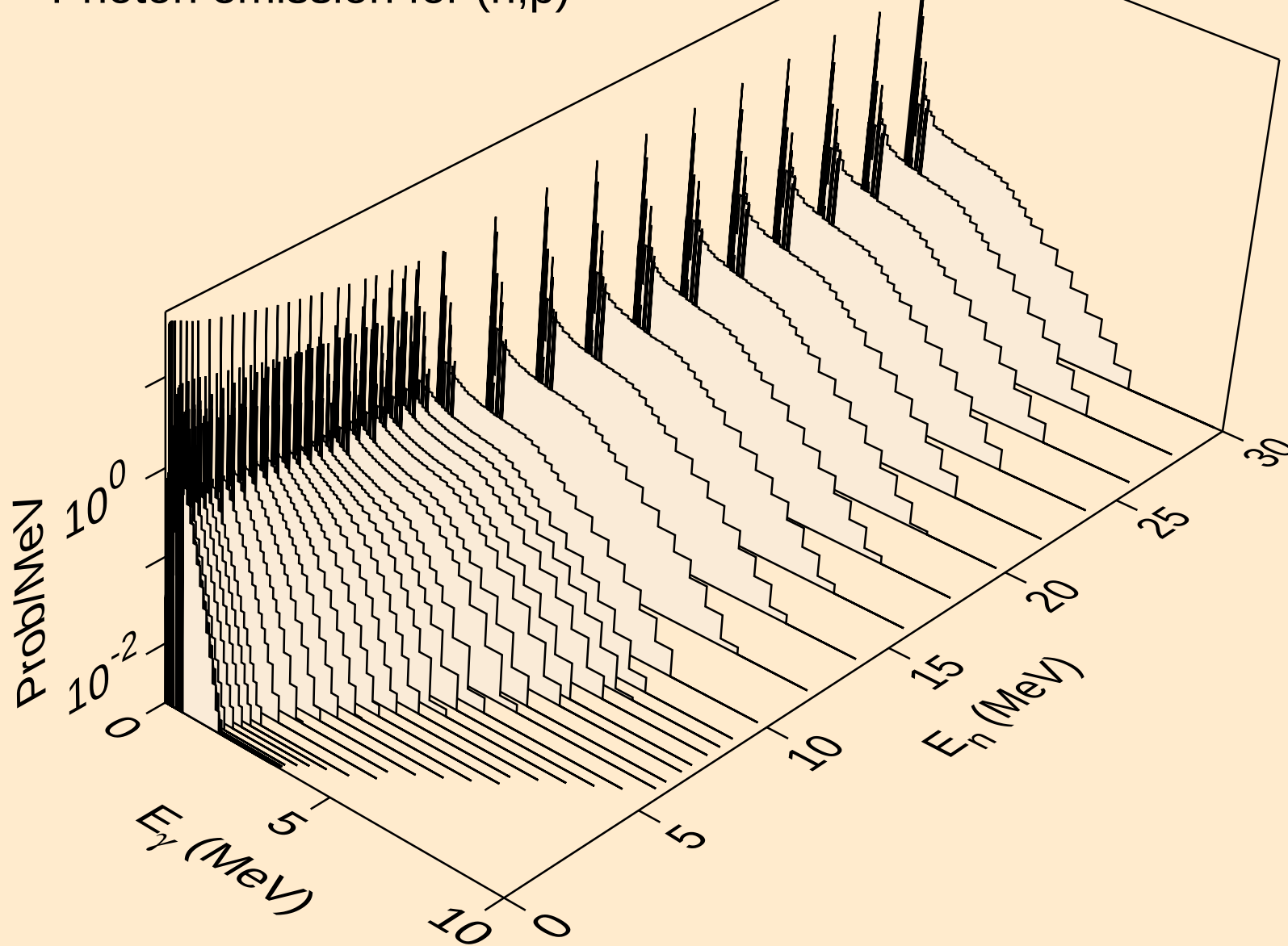
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



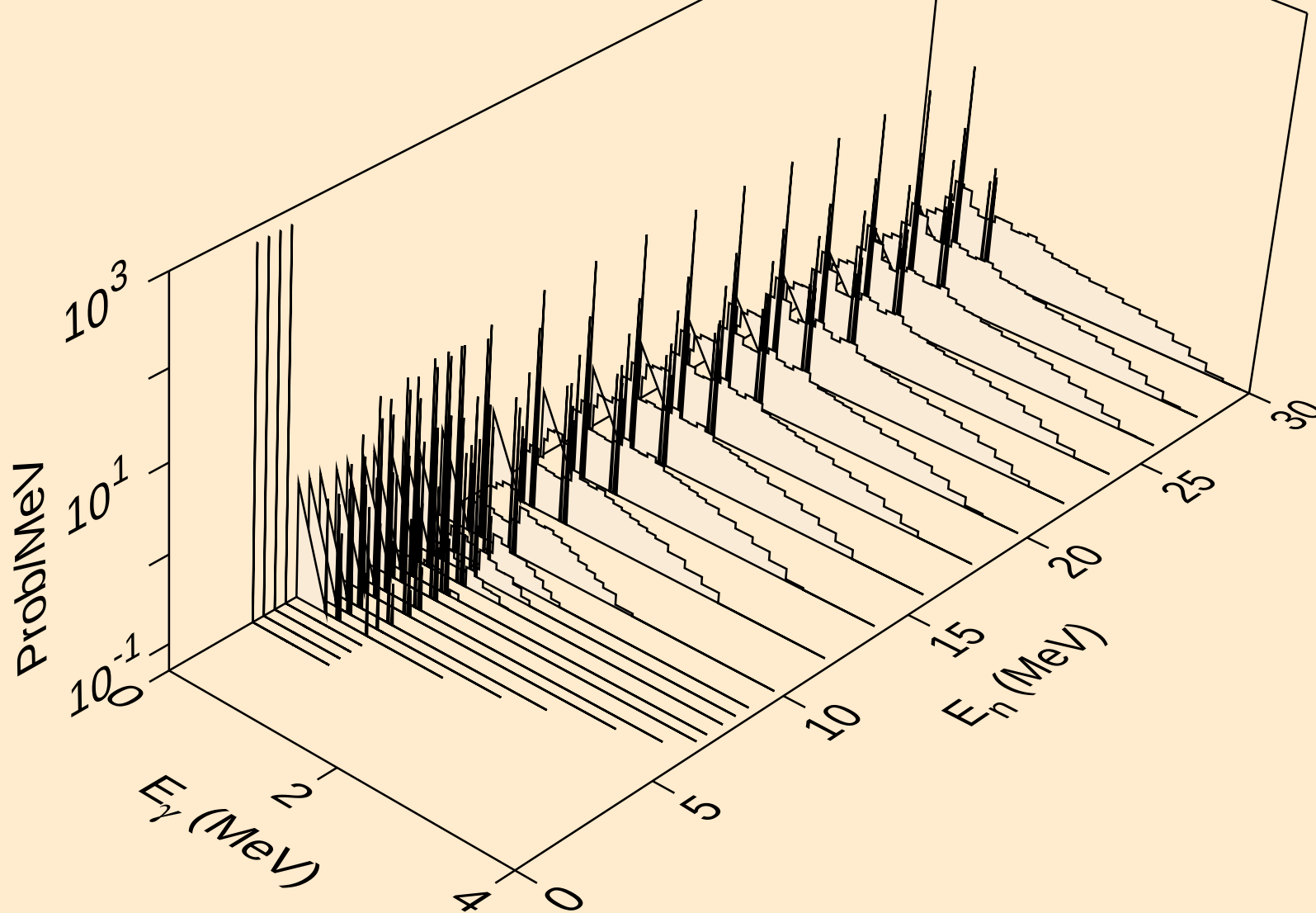
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Photon emission for (n,gma)



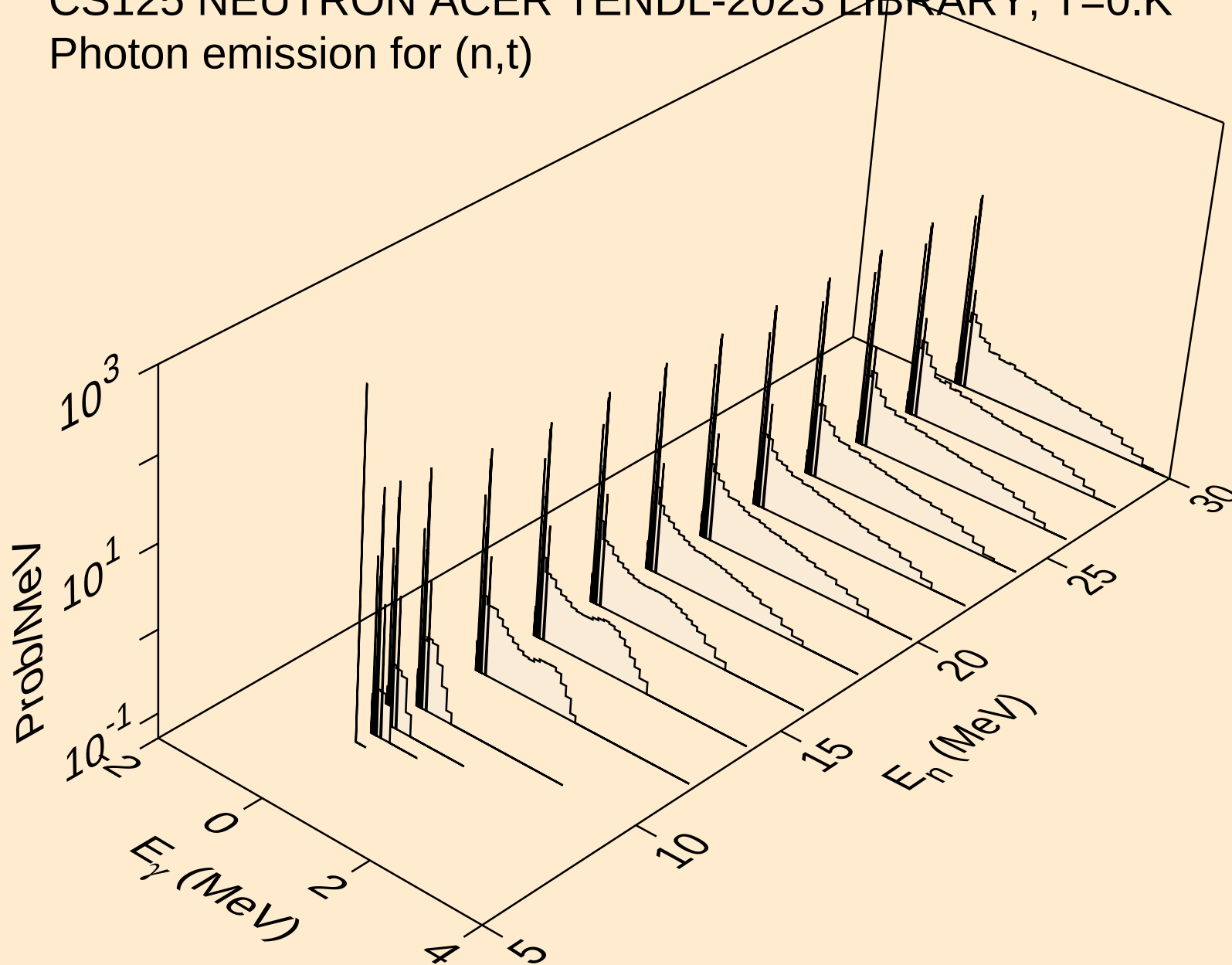
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Photon emission for (n,p)



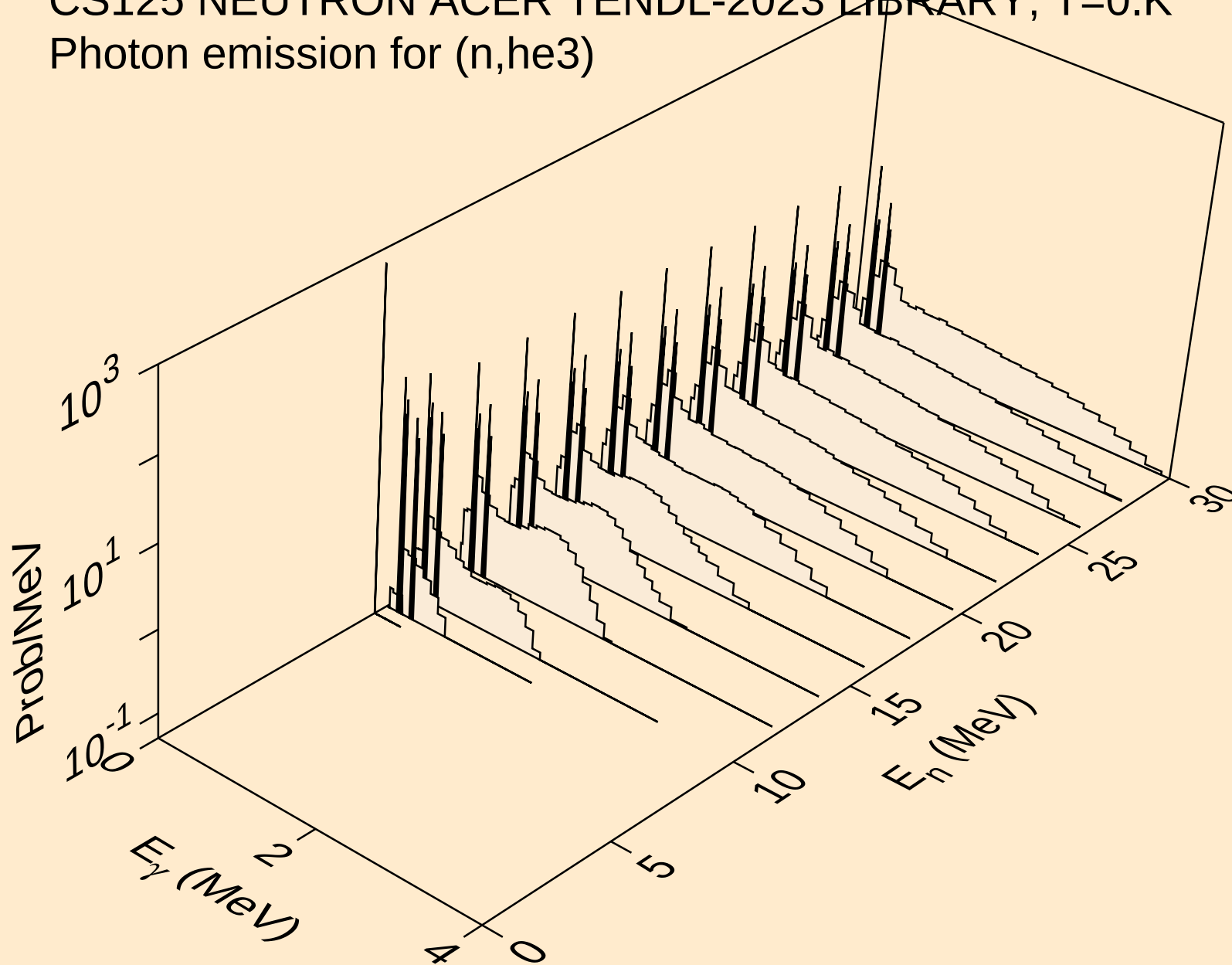
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Photon emission for (n,d)



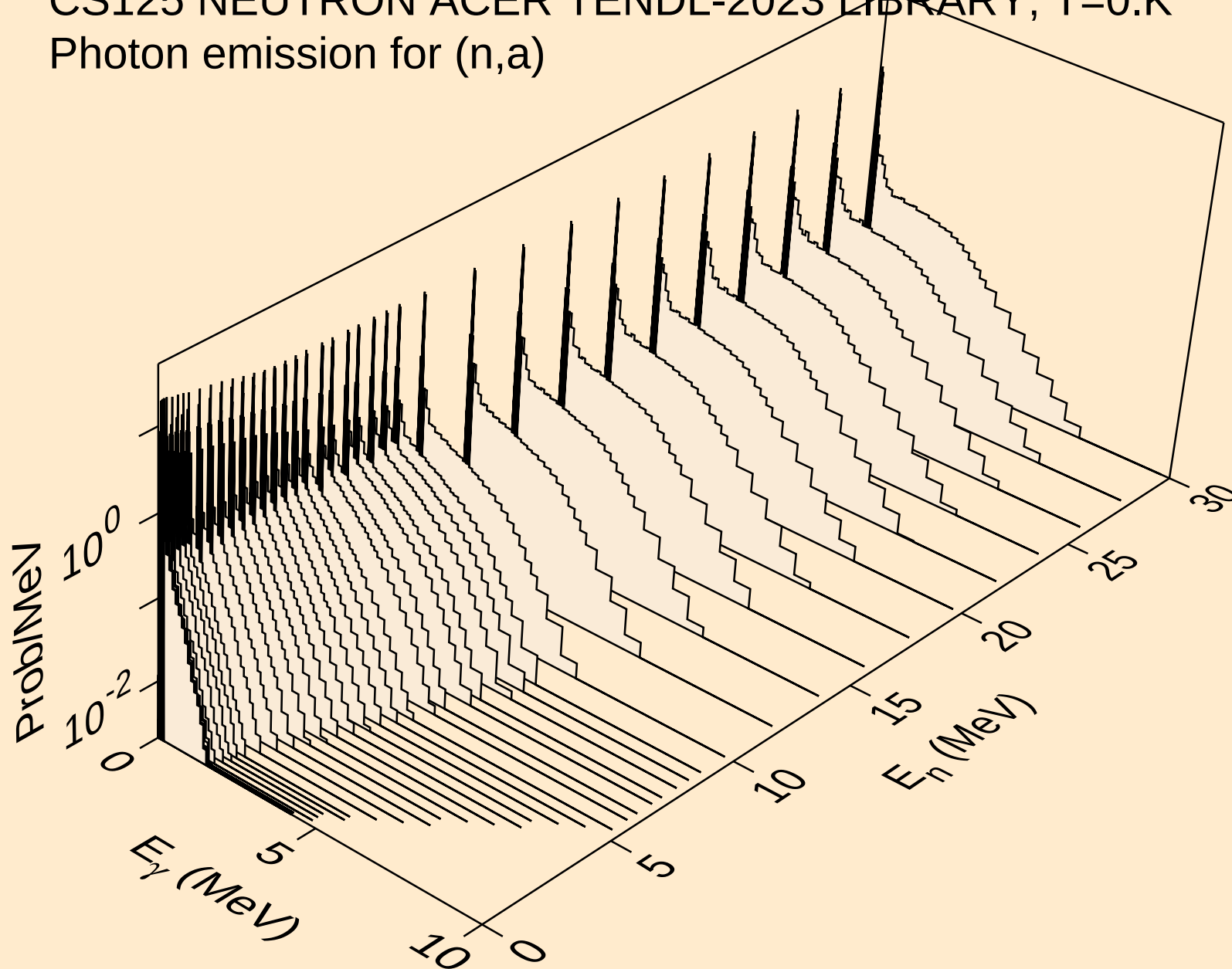
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Photon emission for (n,t)



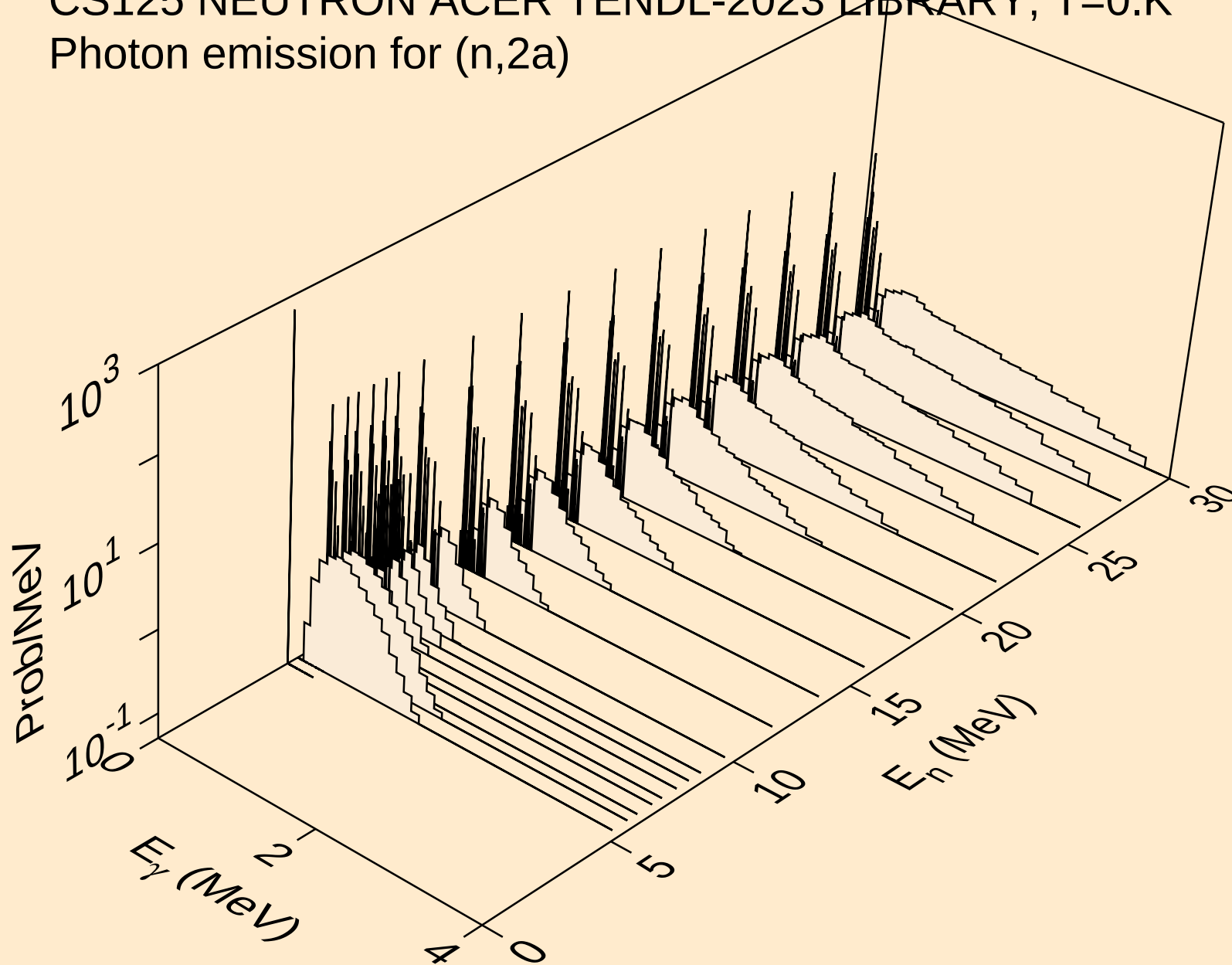
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Photon emission for (n,he3)



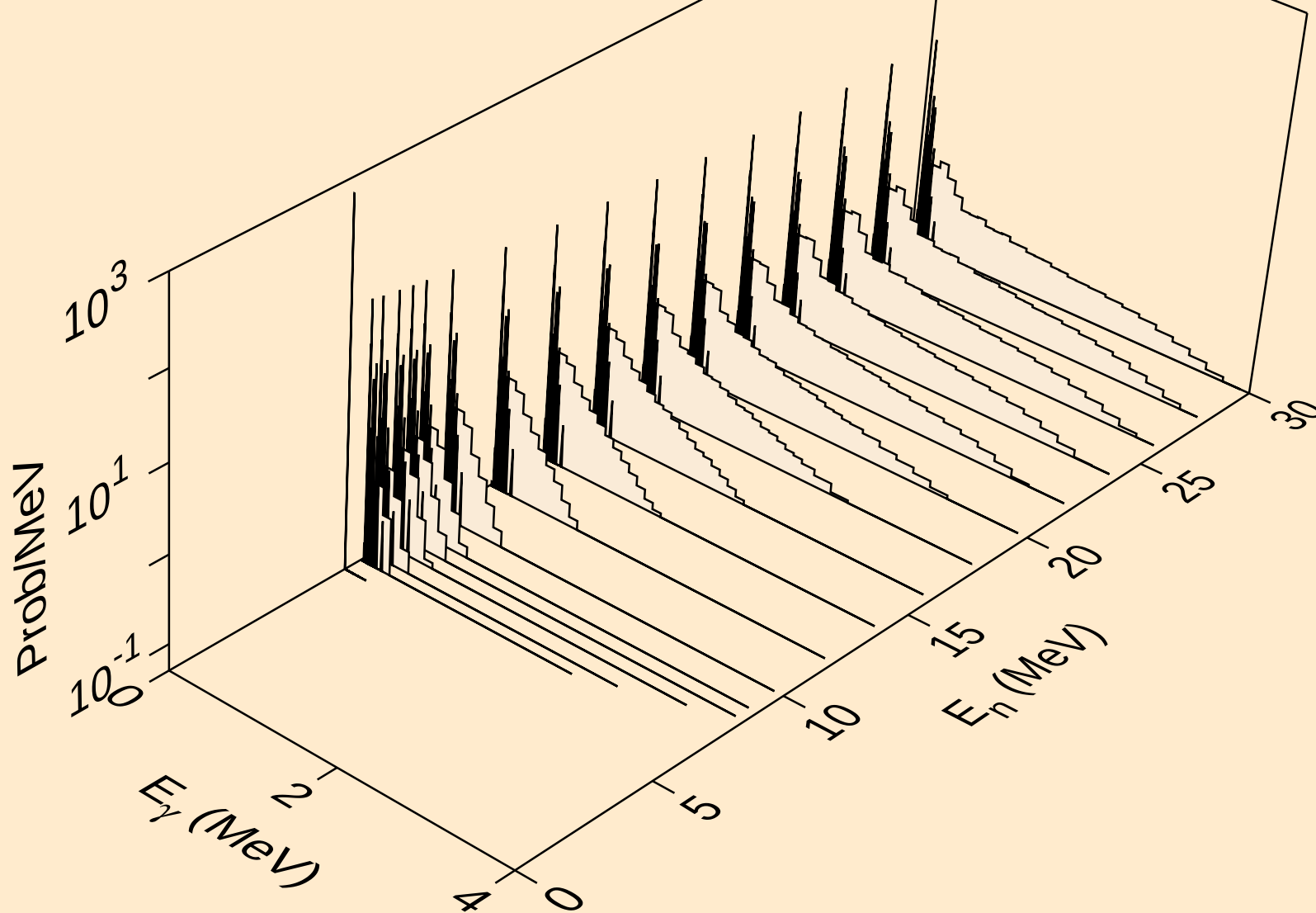
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



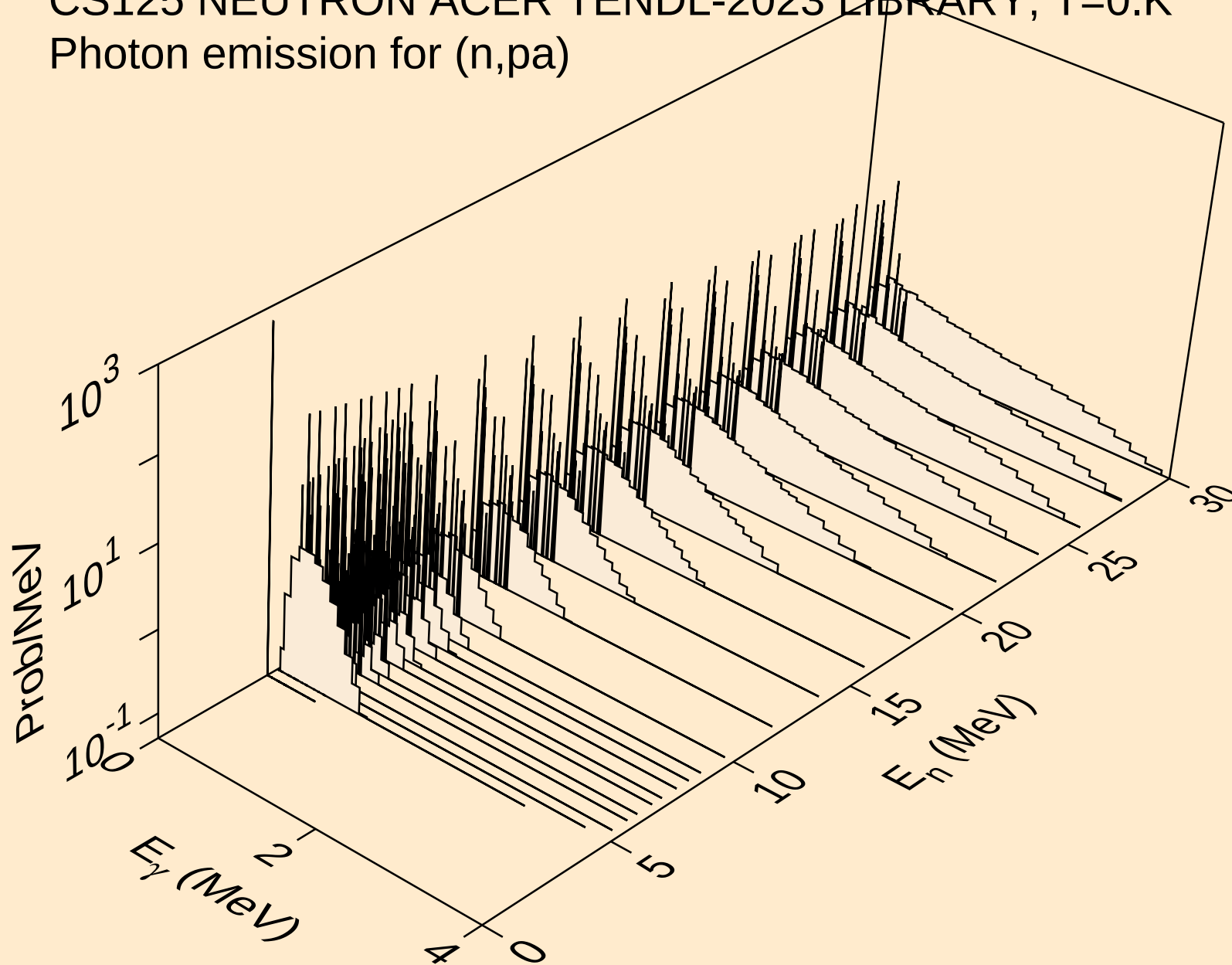
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



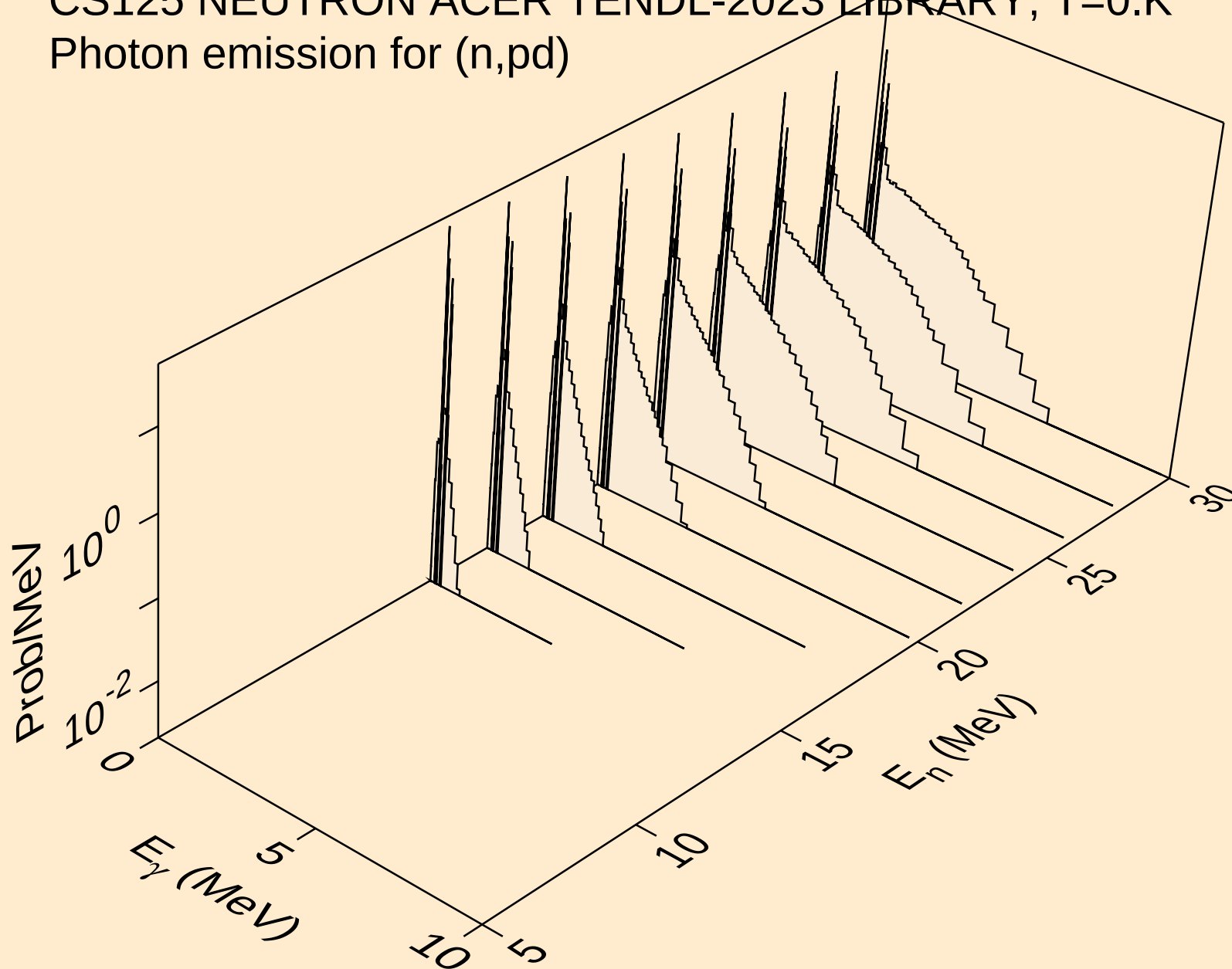
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

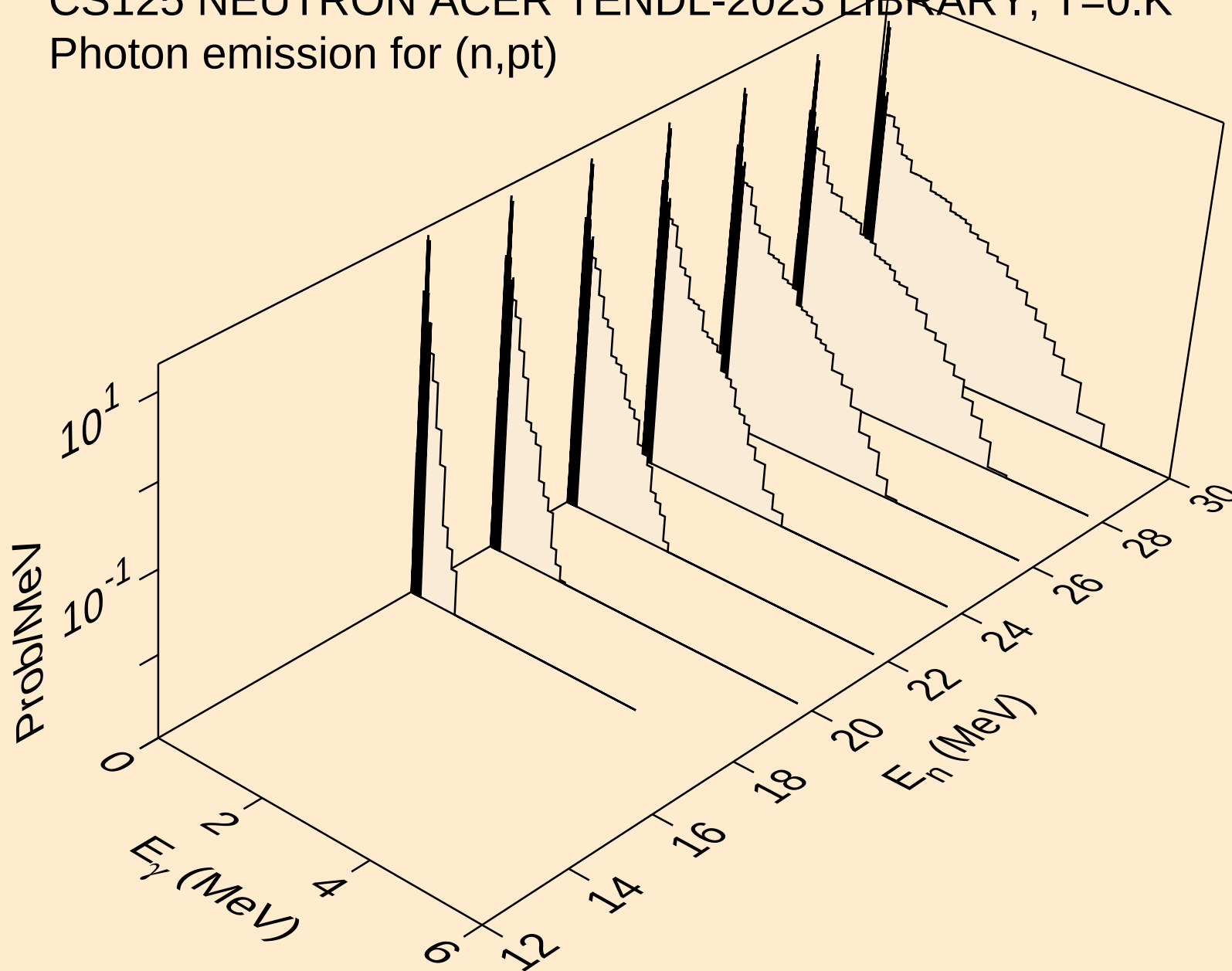


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

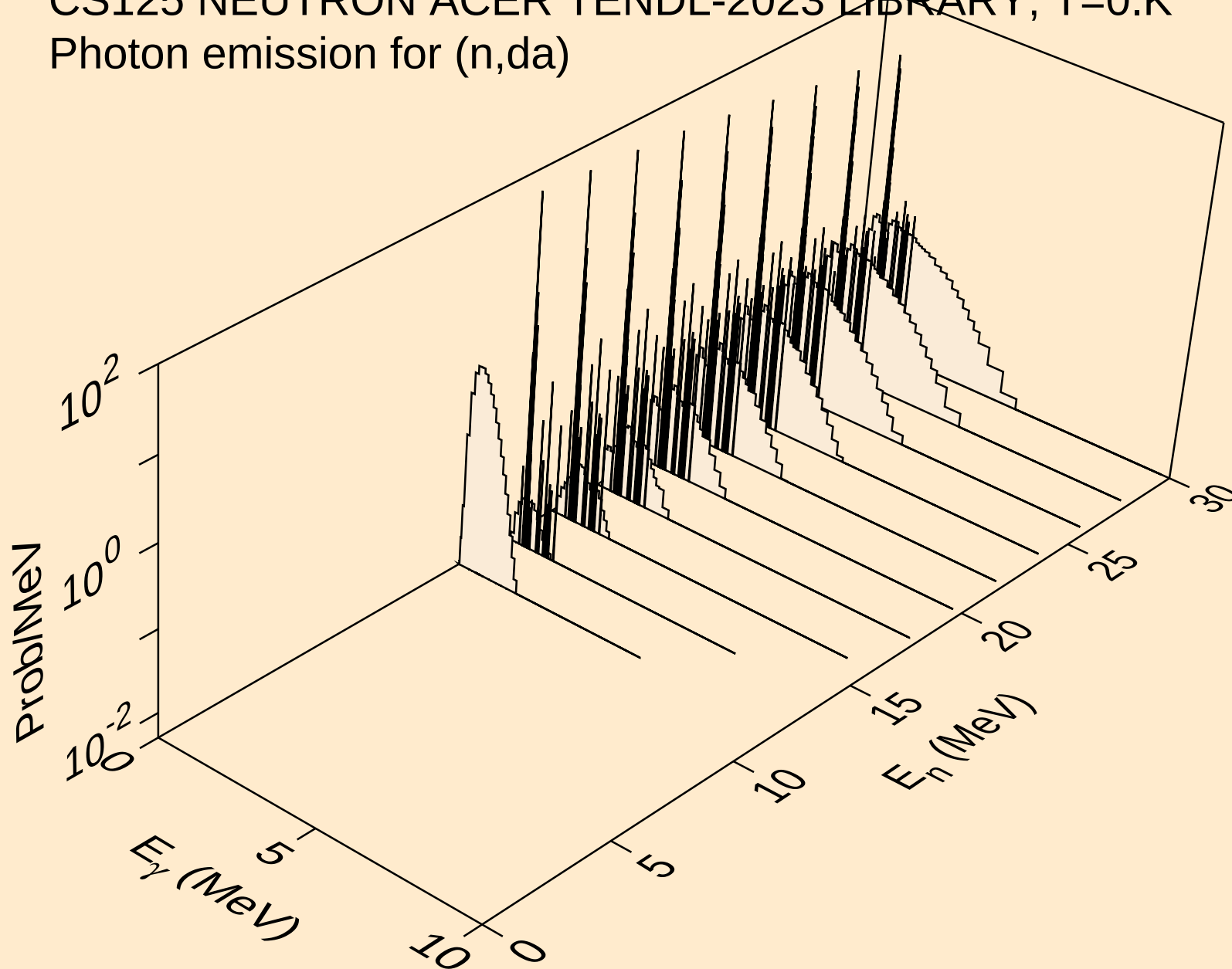


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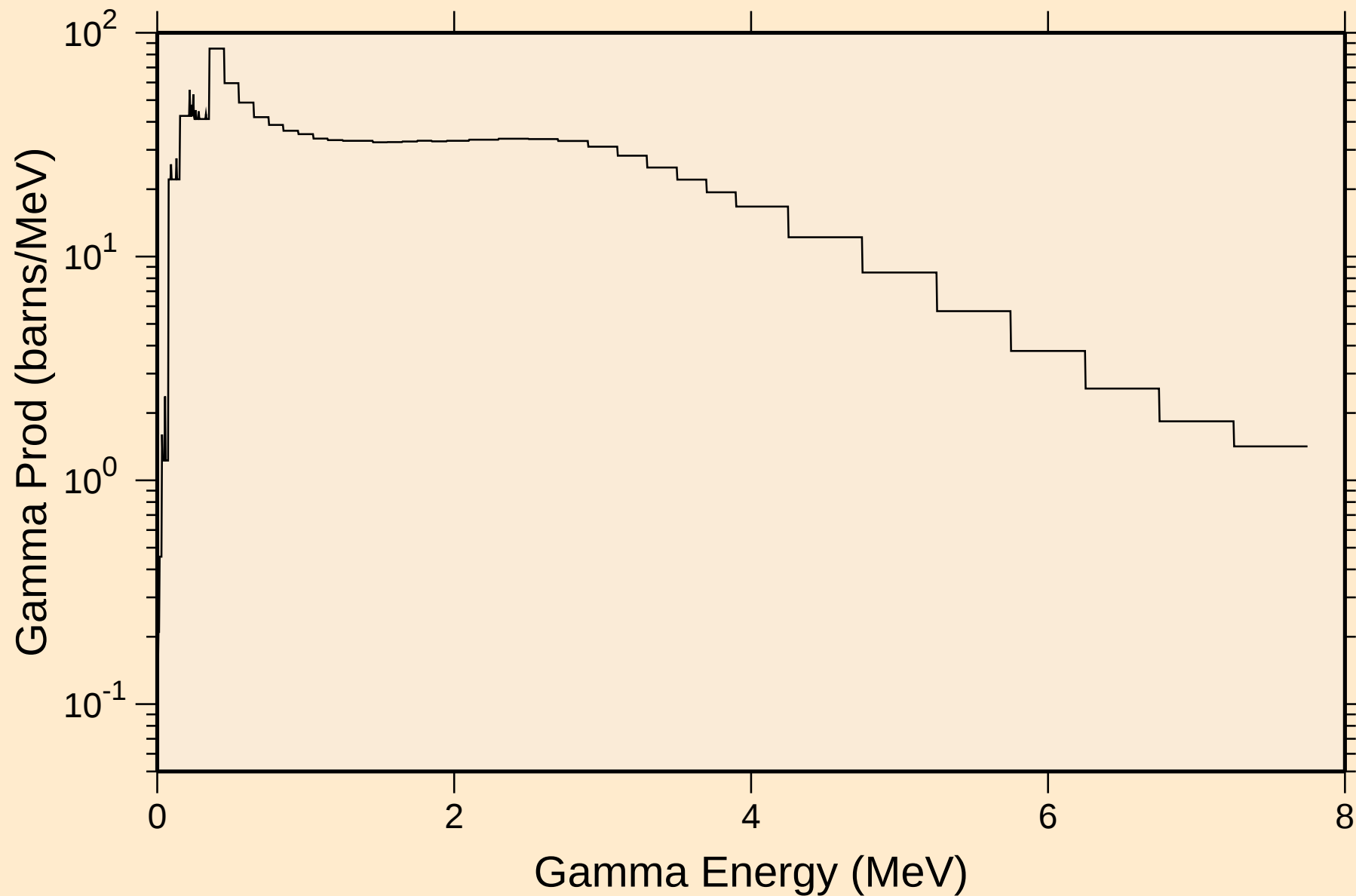
Photon emission for (n,pt)



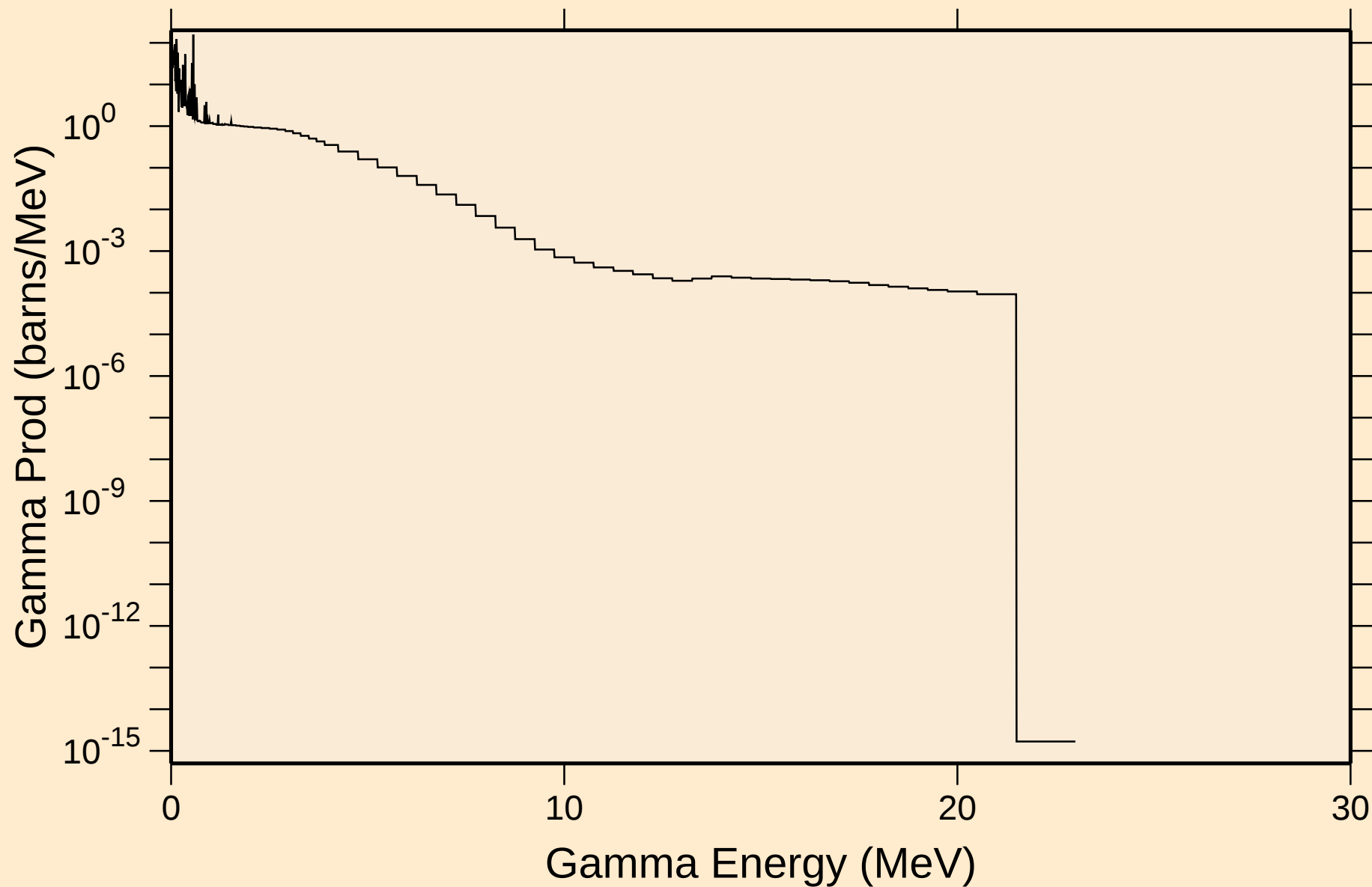
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

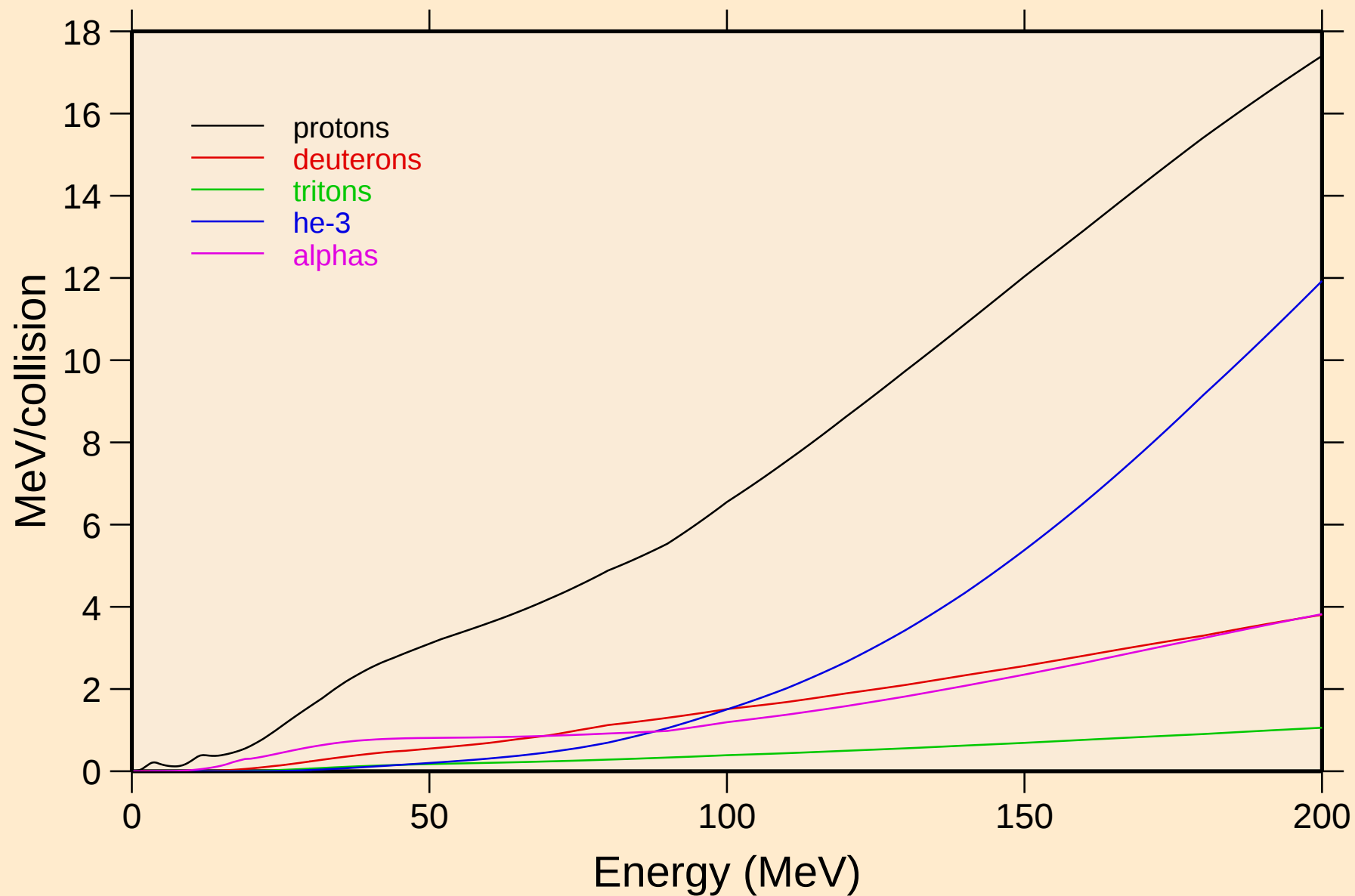


CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



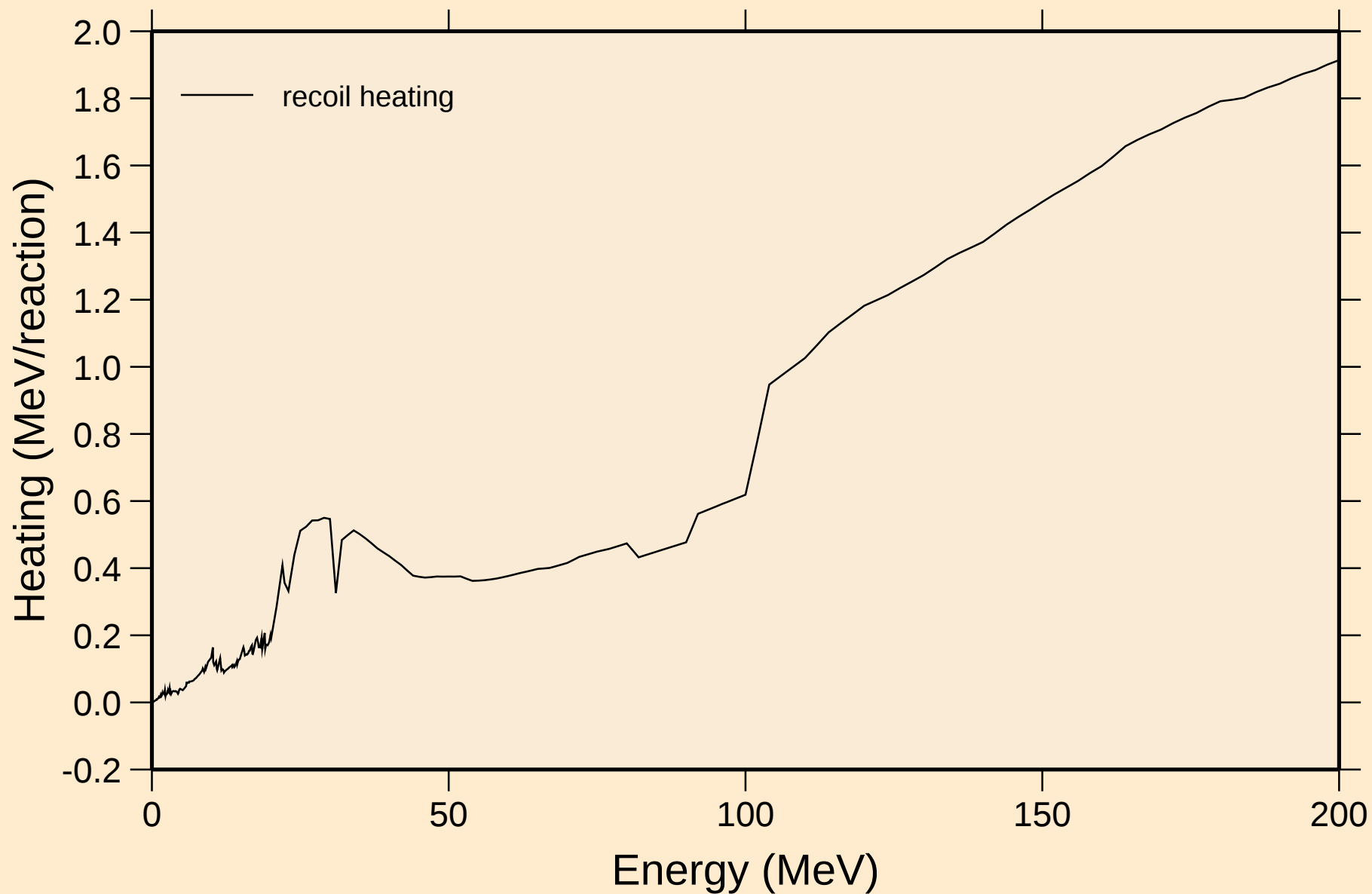
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## Particle heating contributions



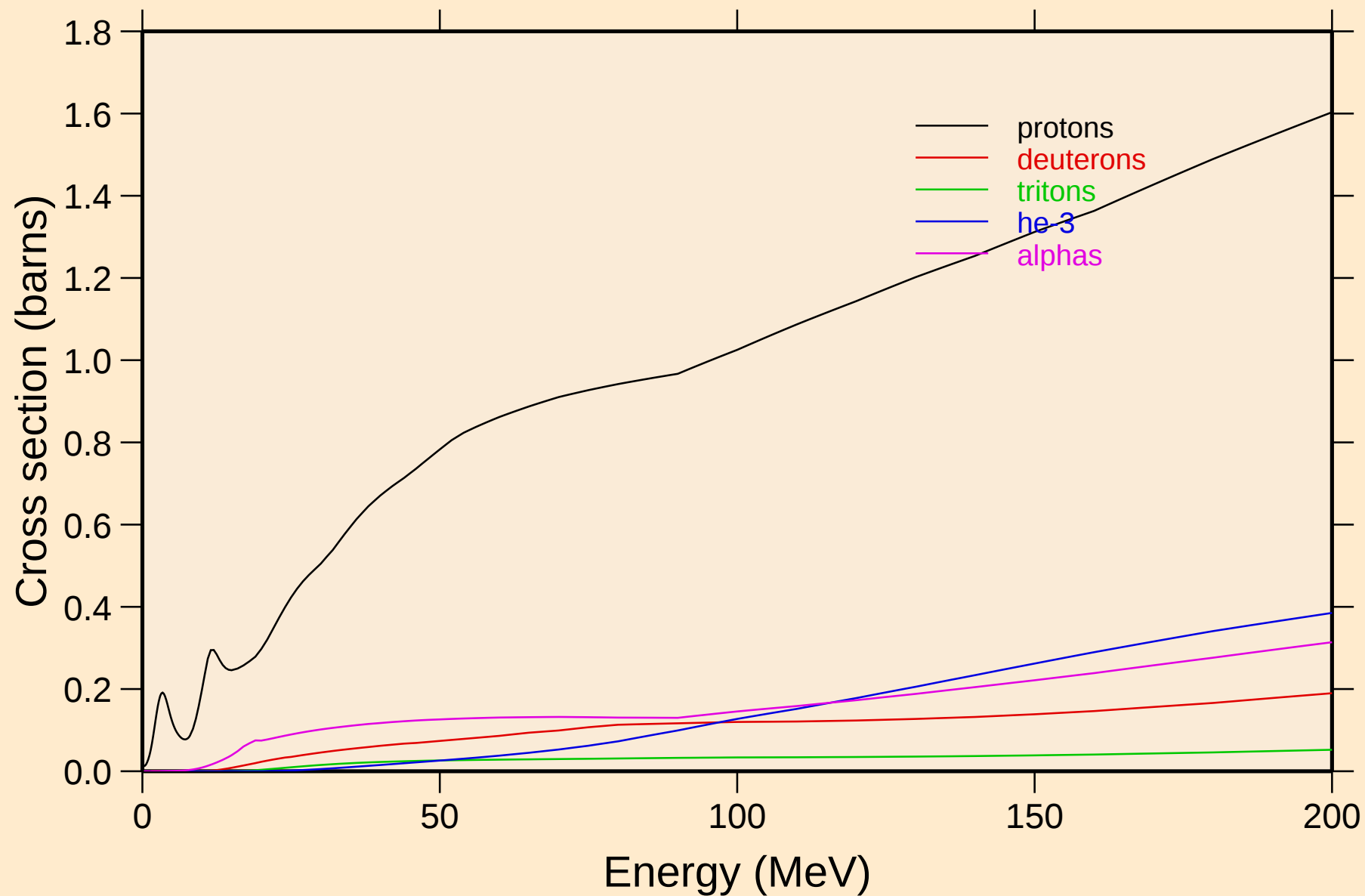
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## Recoil Heating

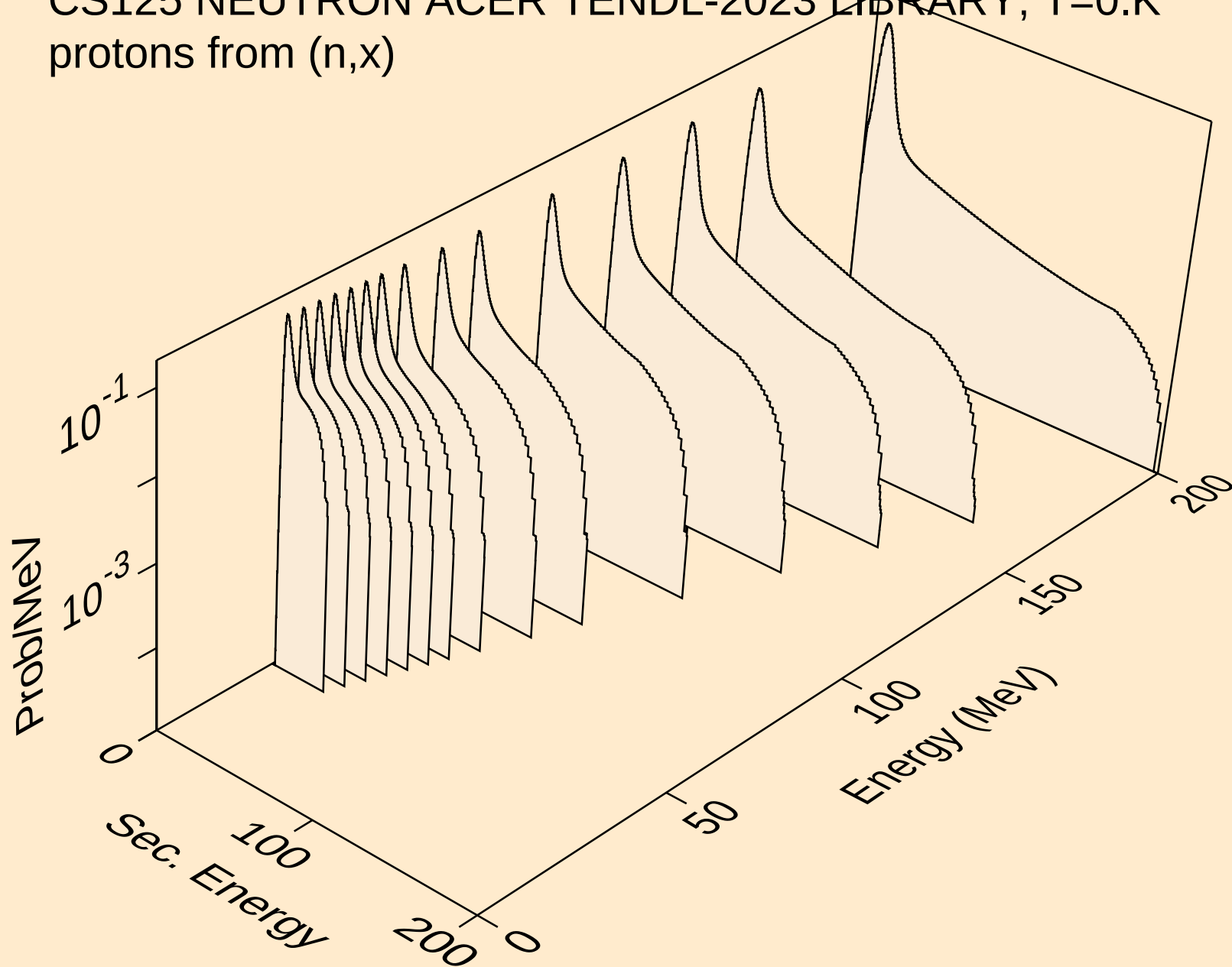


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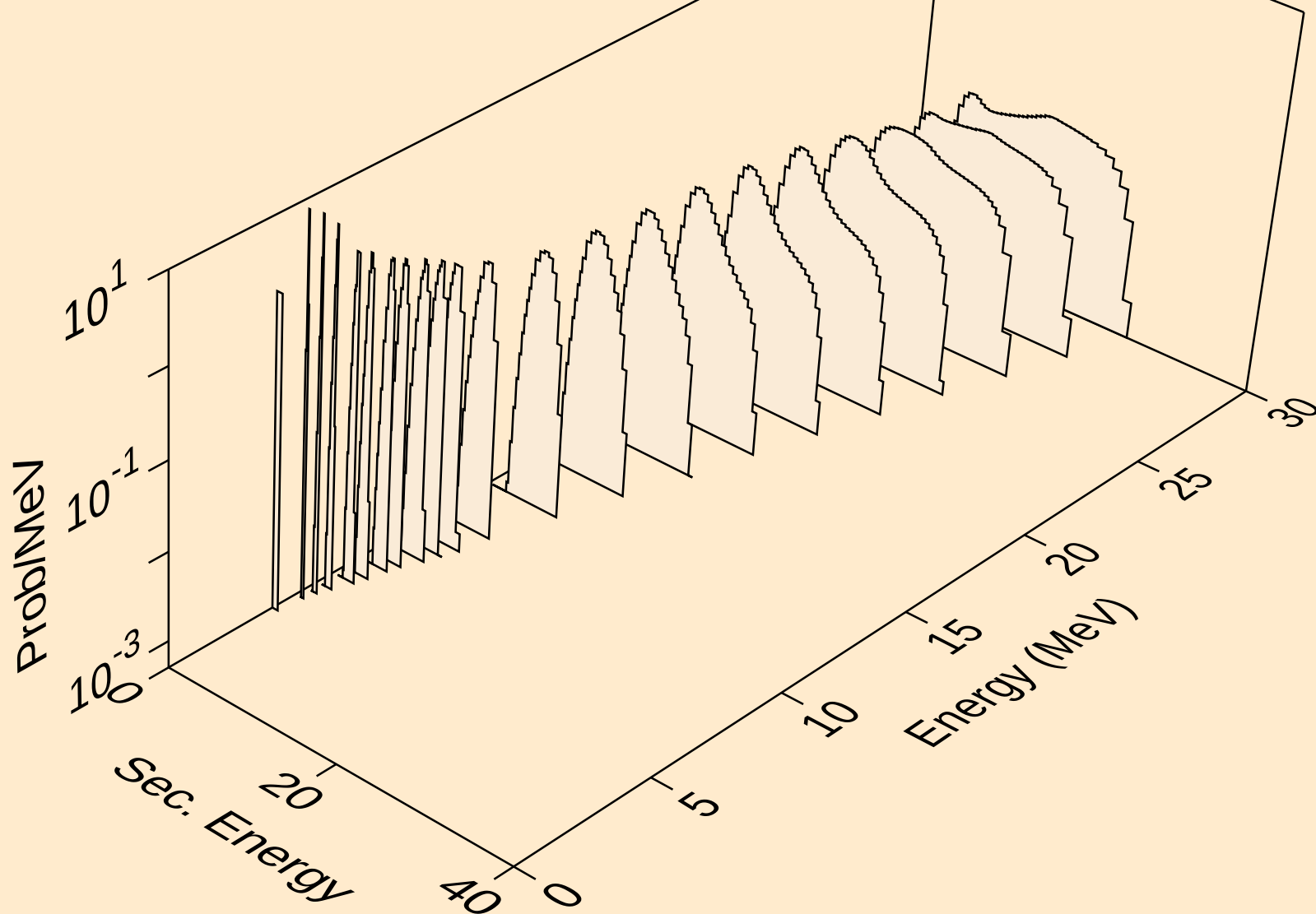
## Particle production cross sections



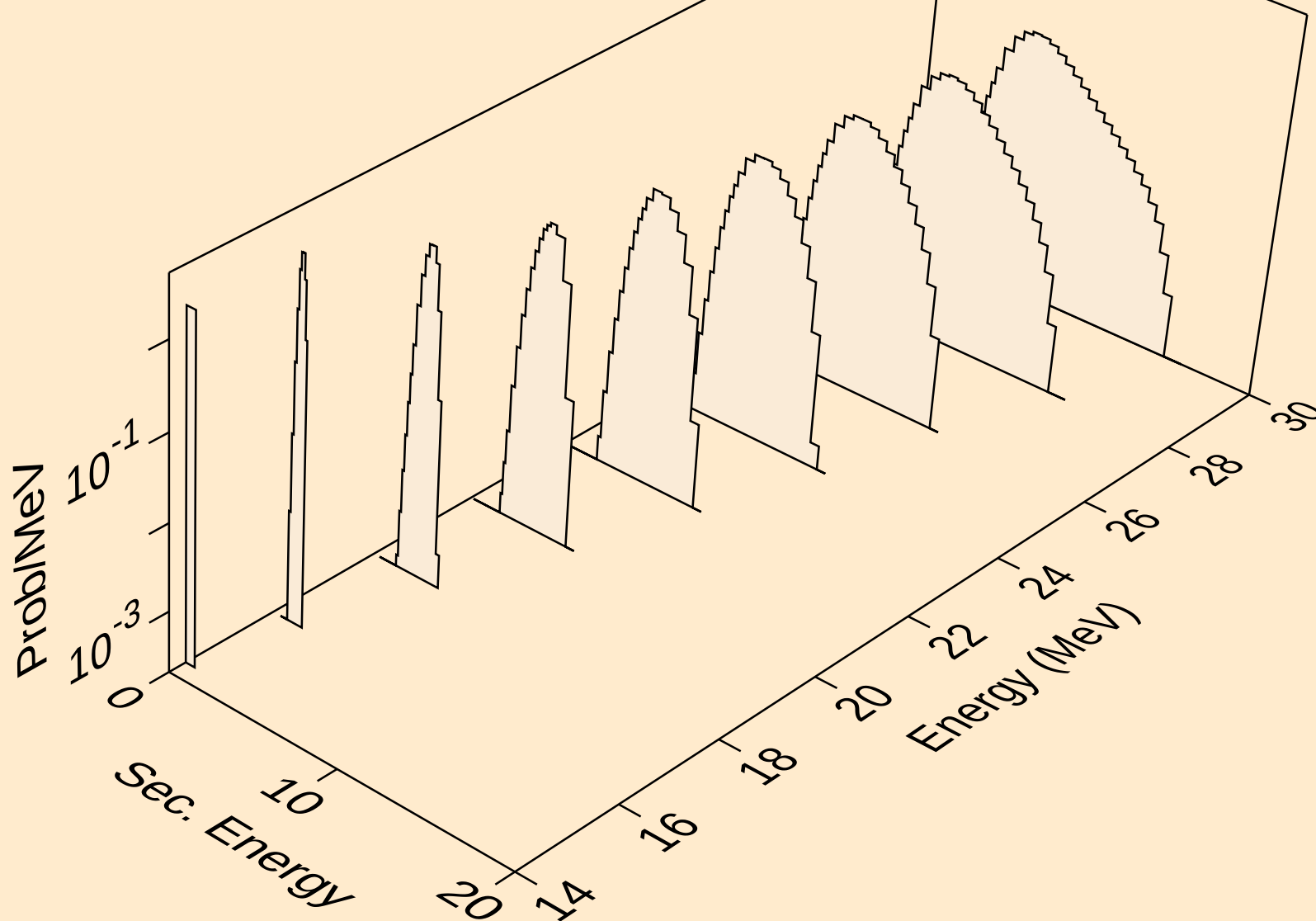
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



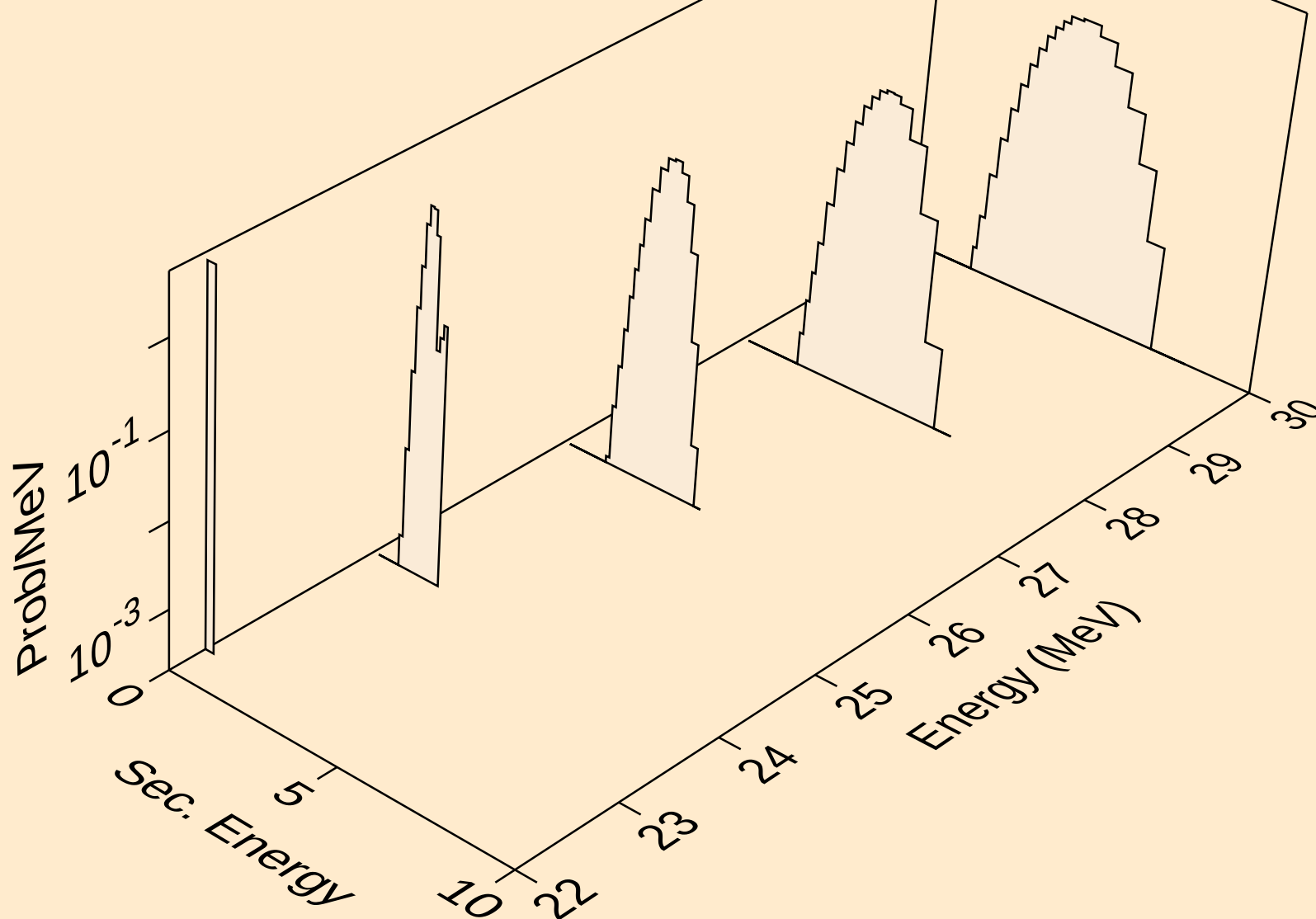
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



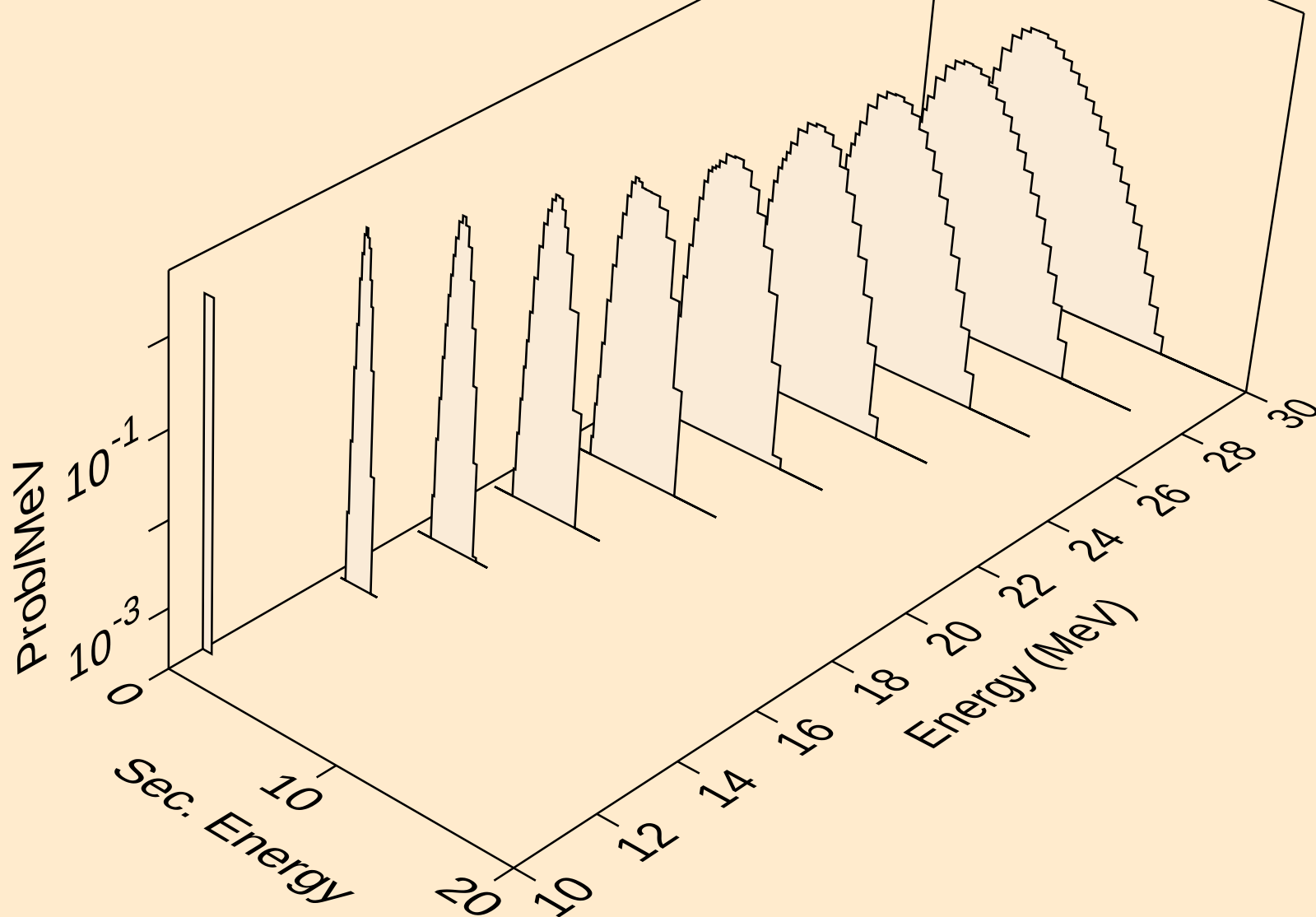
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protons from (n,2np)



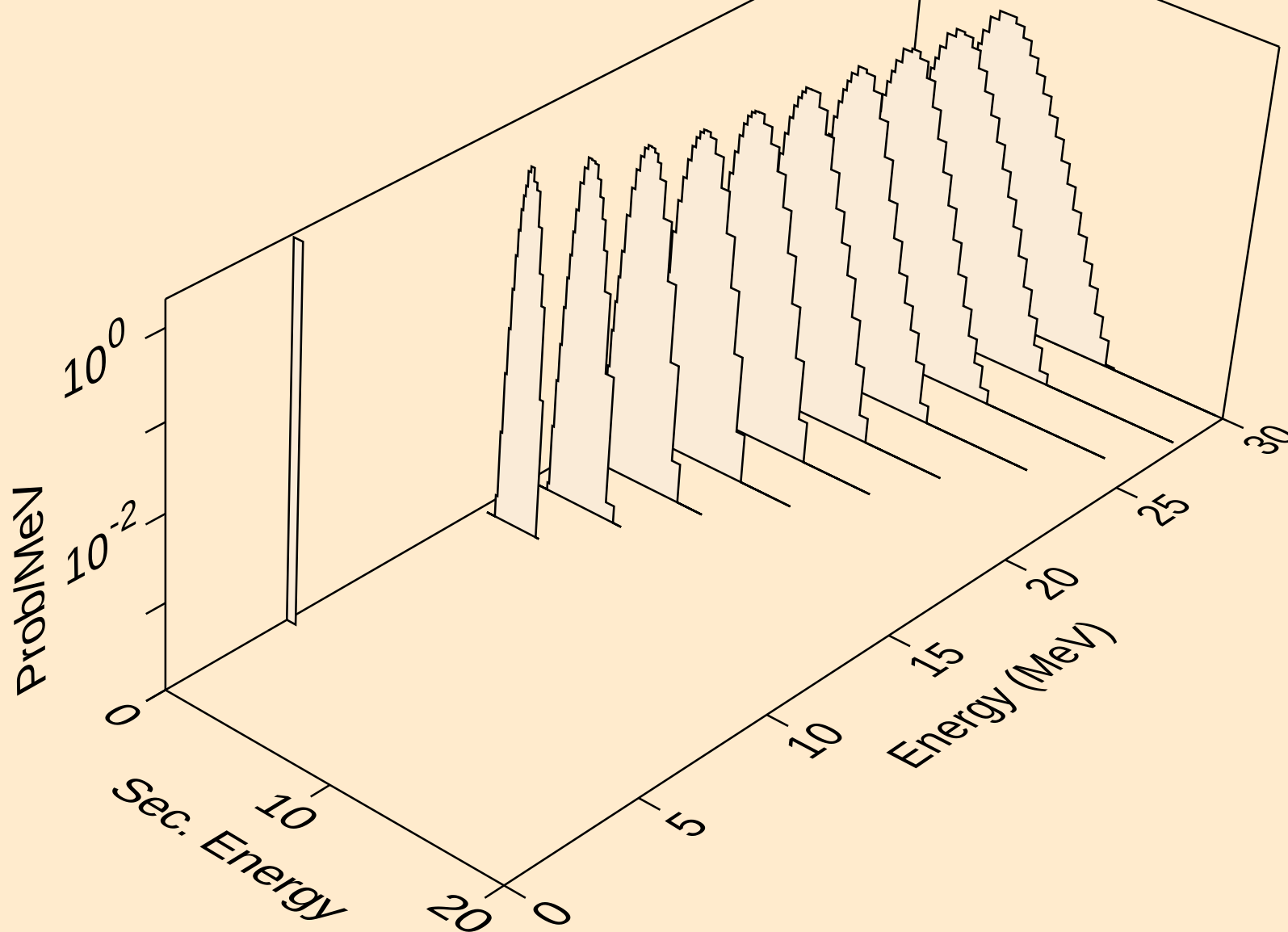
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protons from (n,3np)



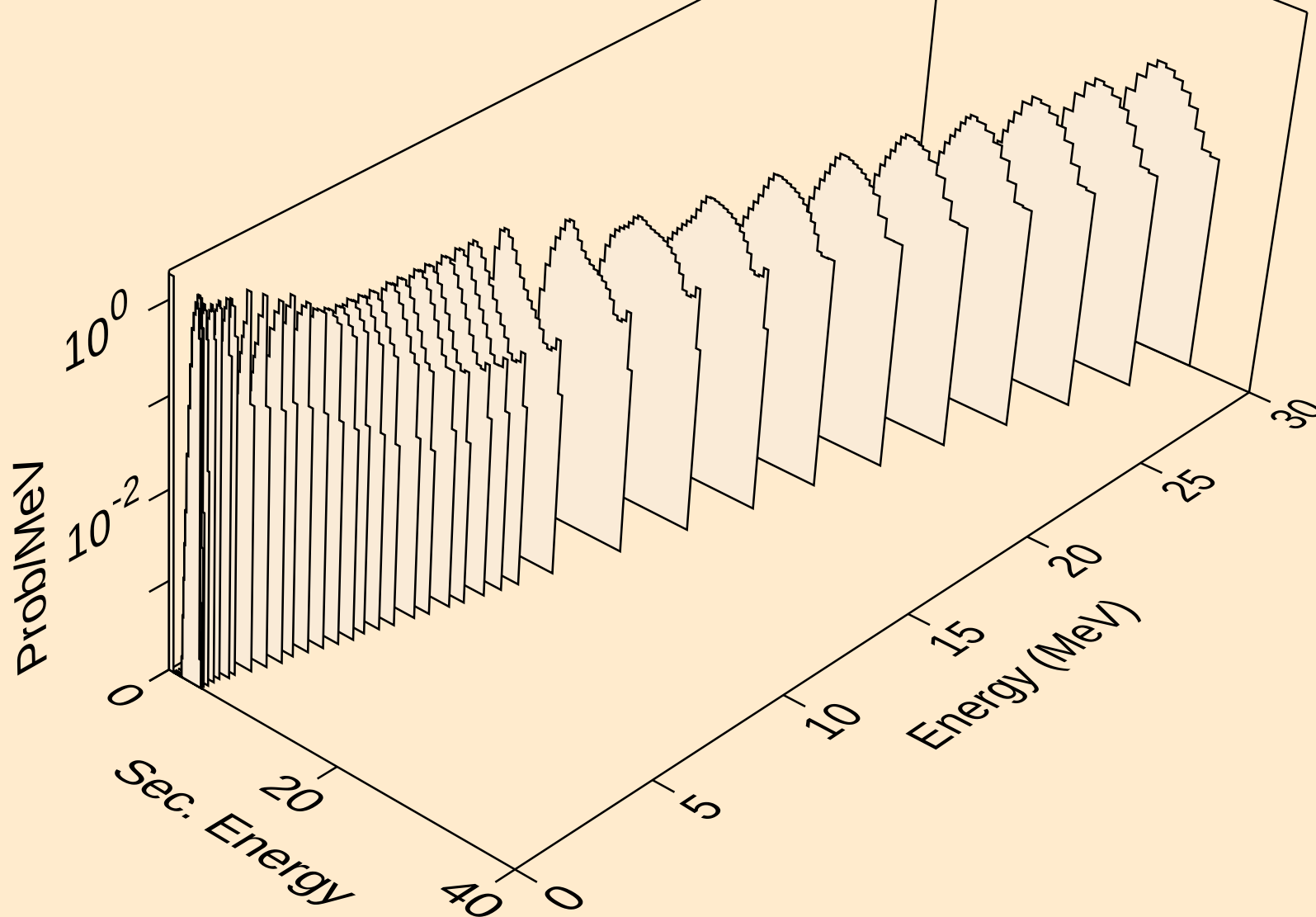
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protons from (n,n2p)



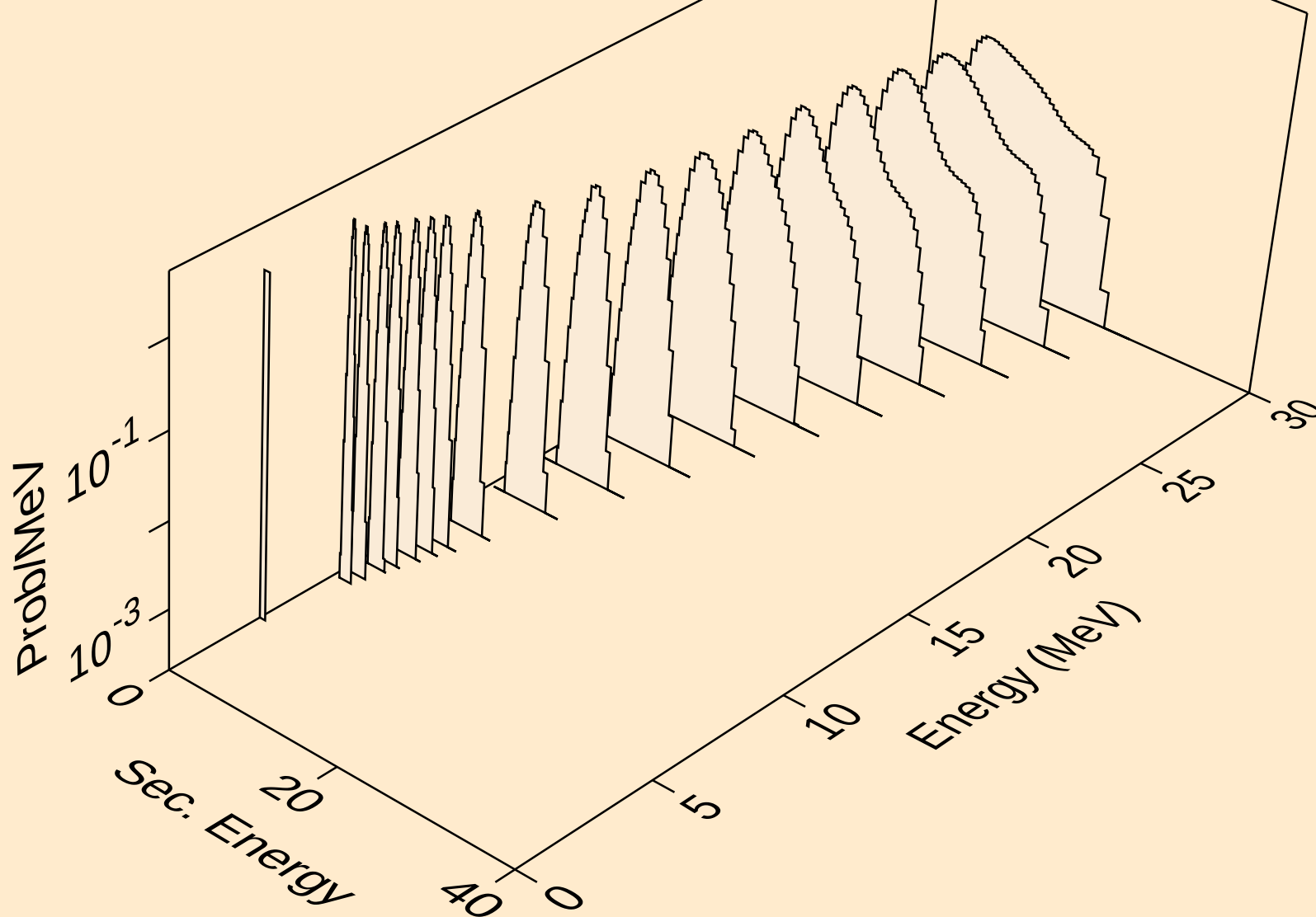
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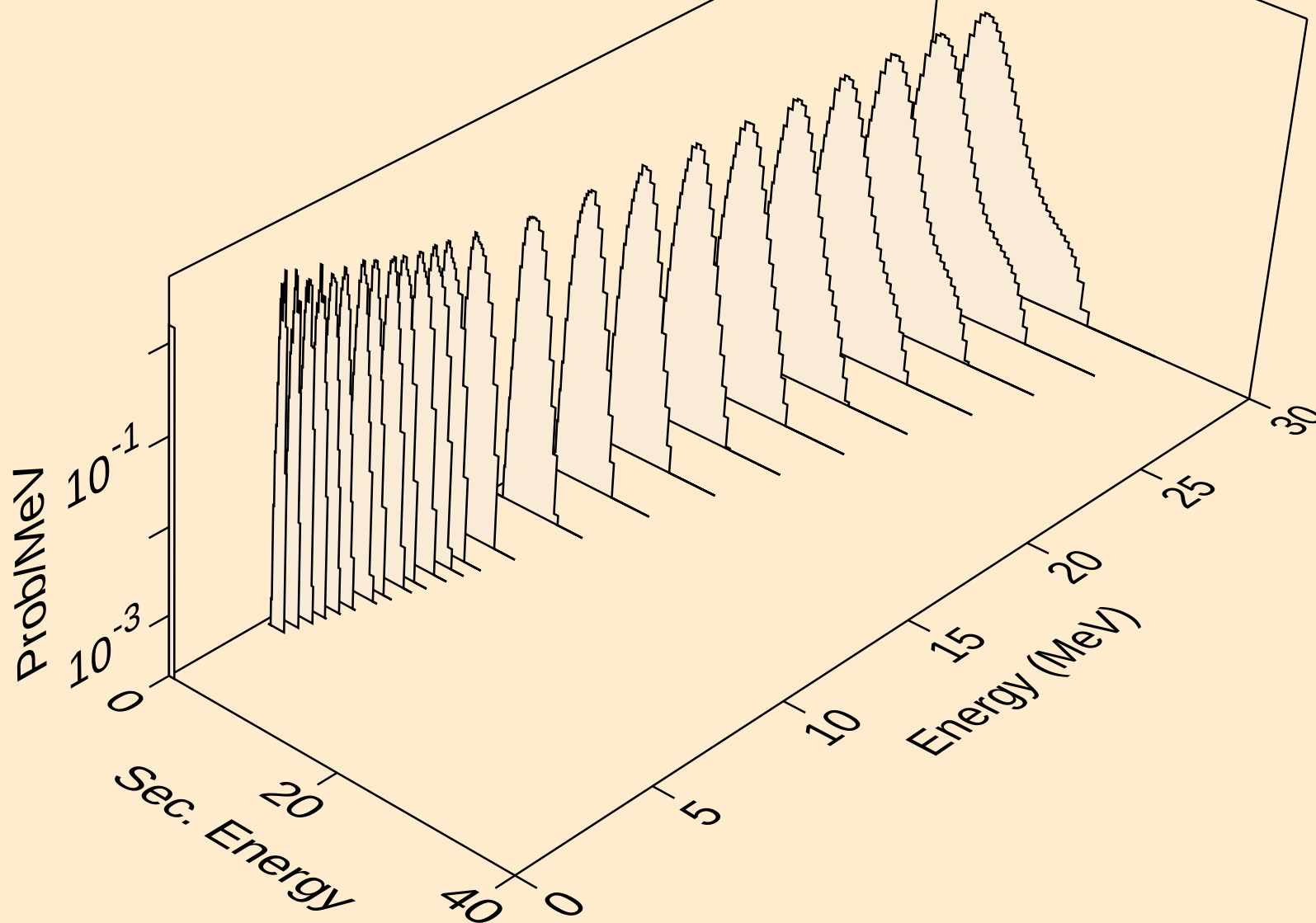
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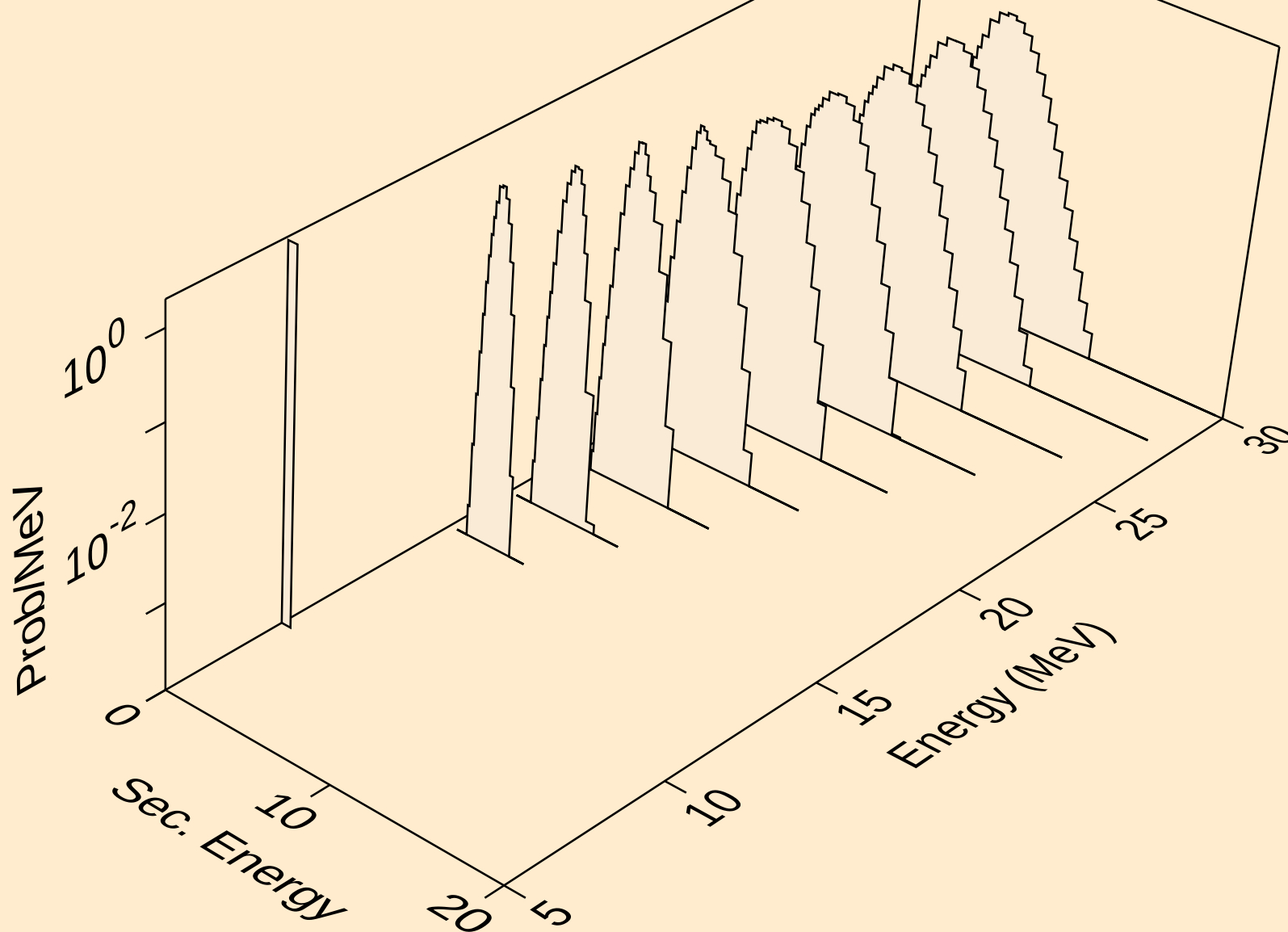
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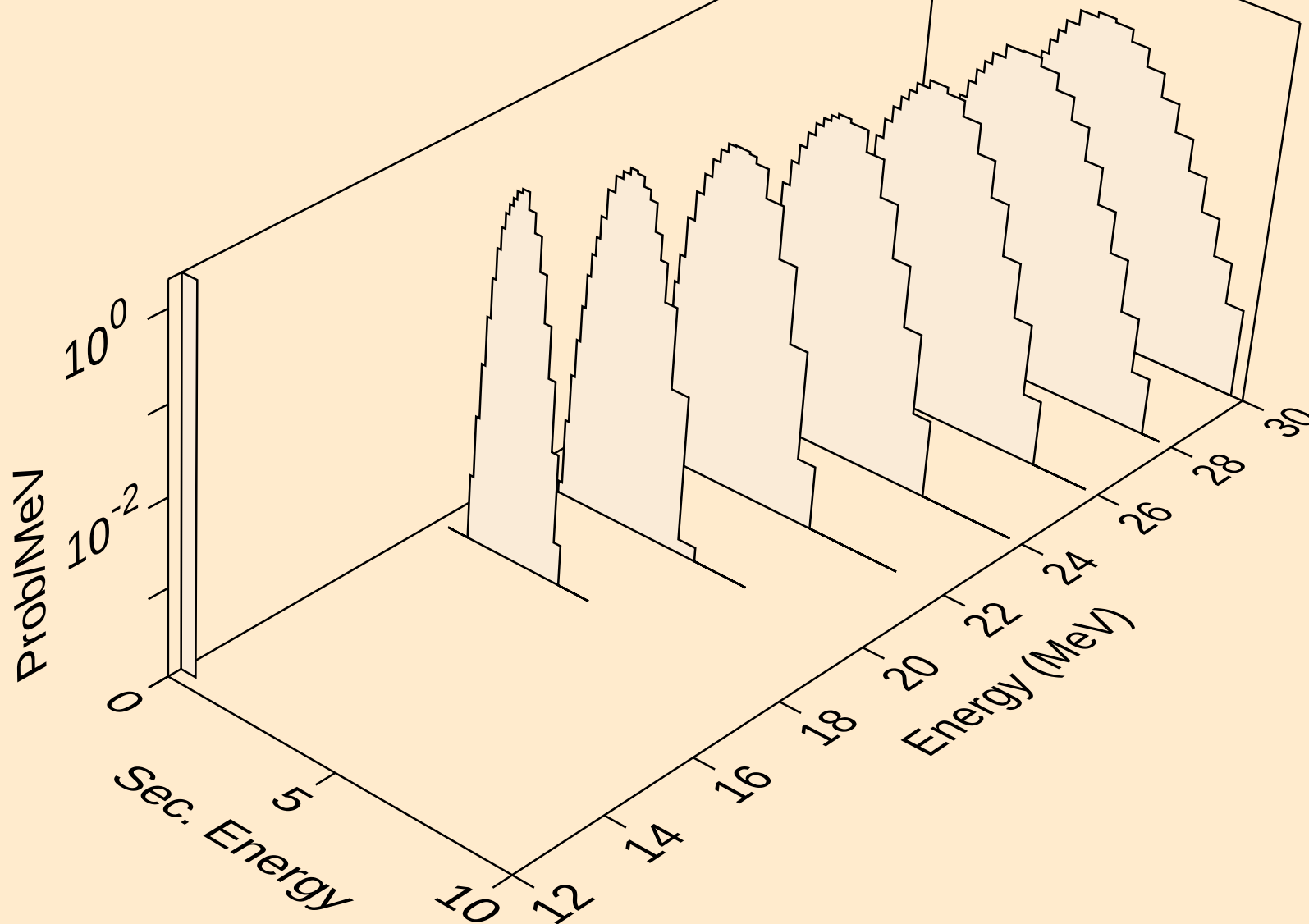
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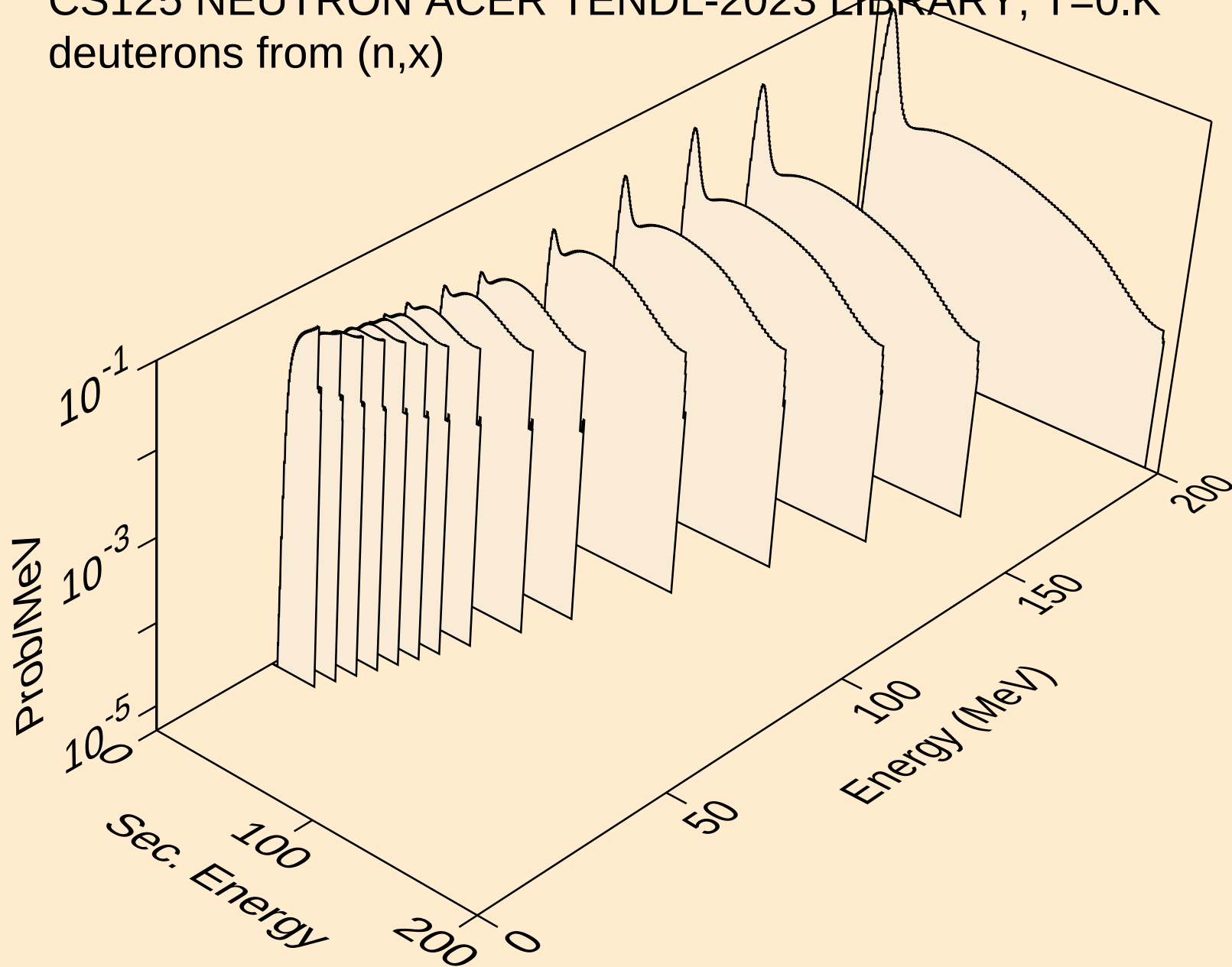
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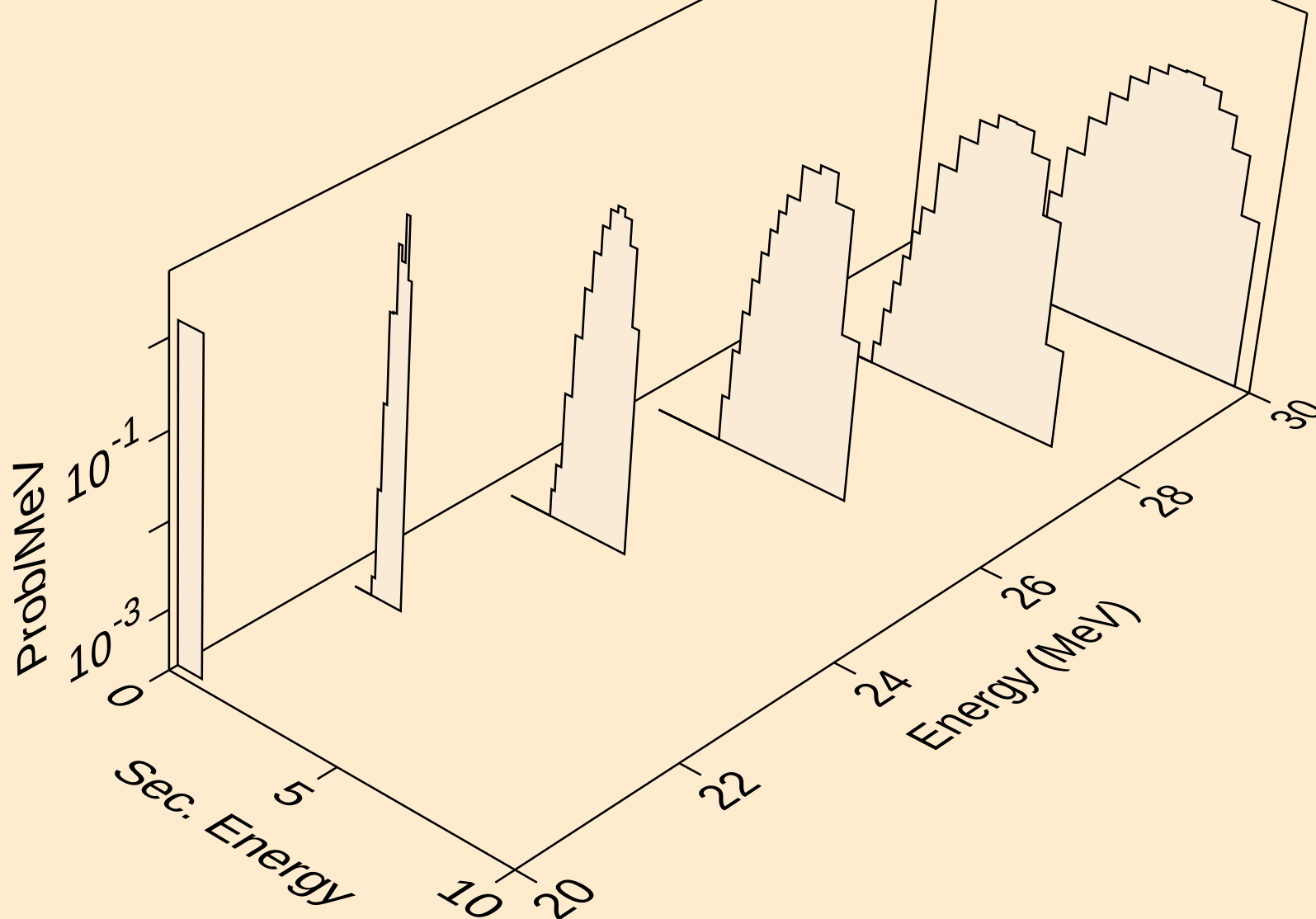
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protons from (n,pt)



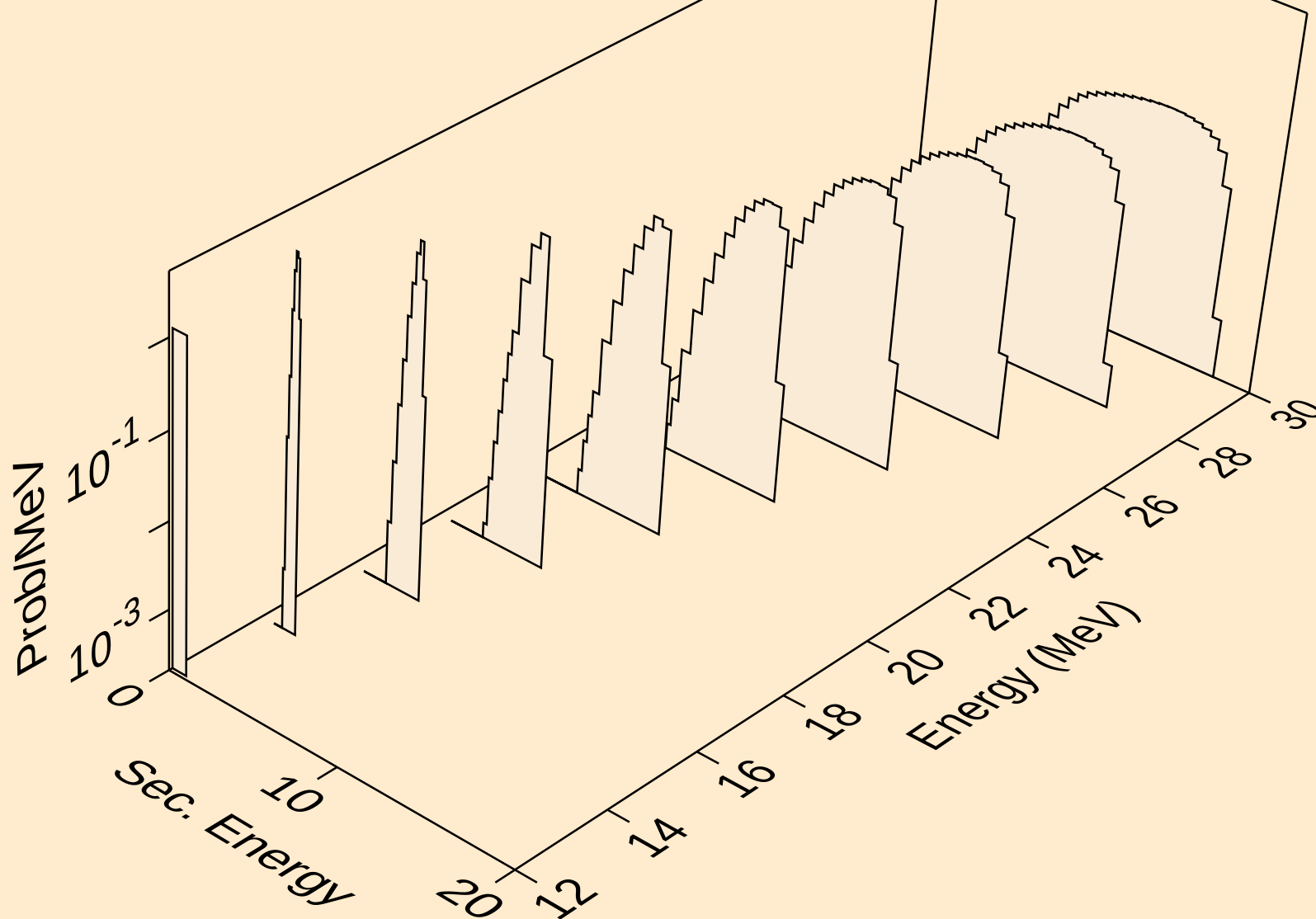
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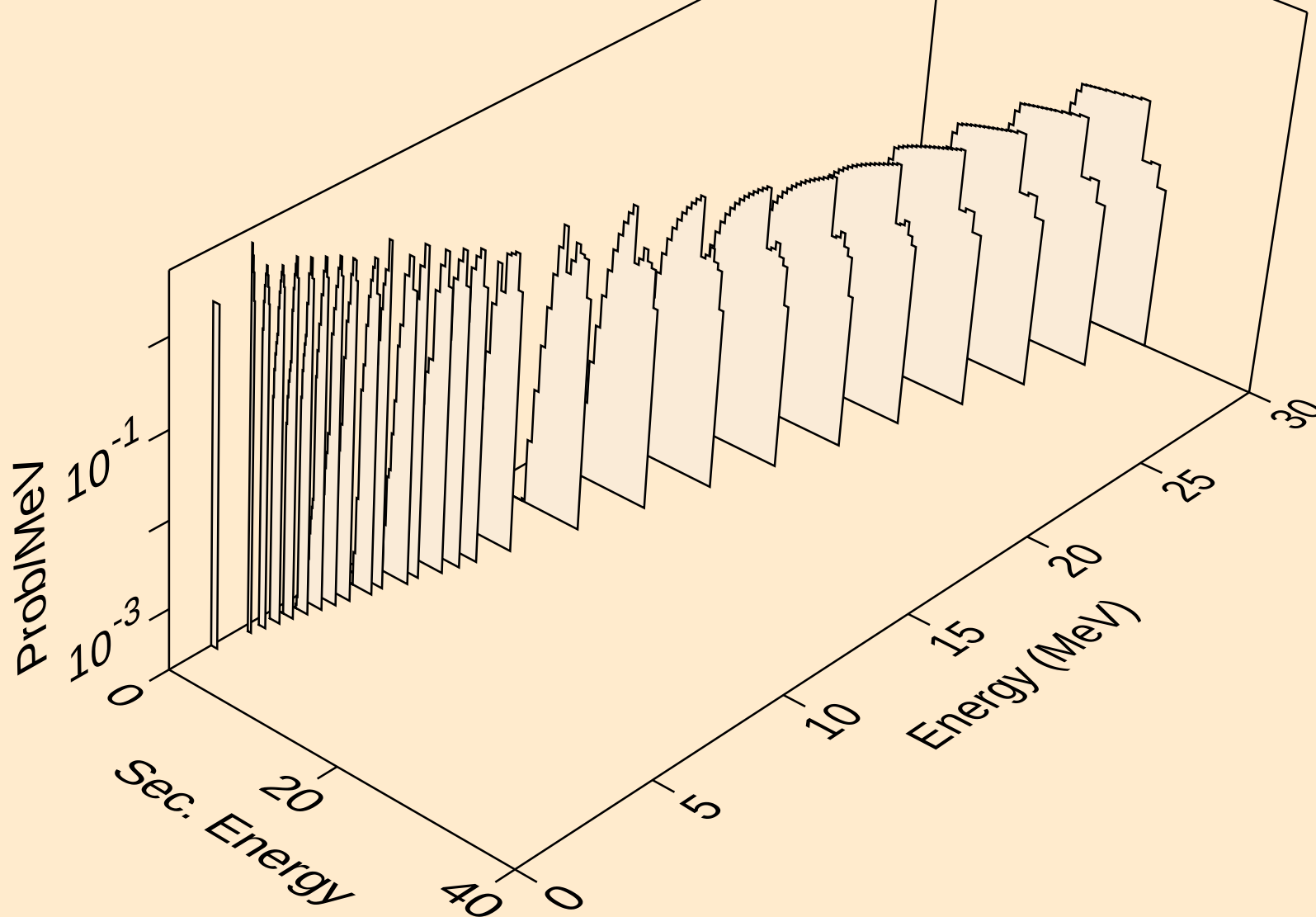
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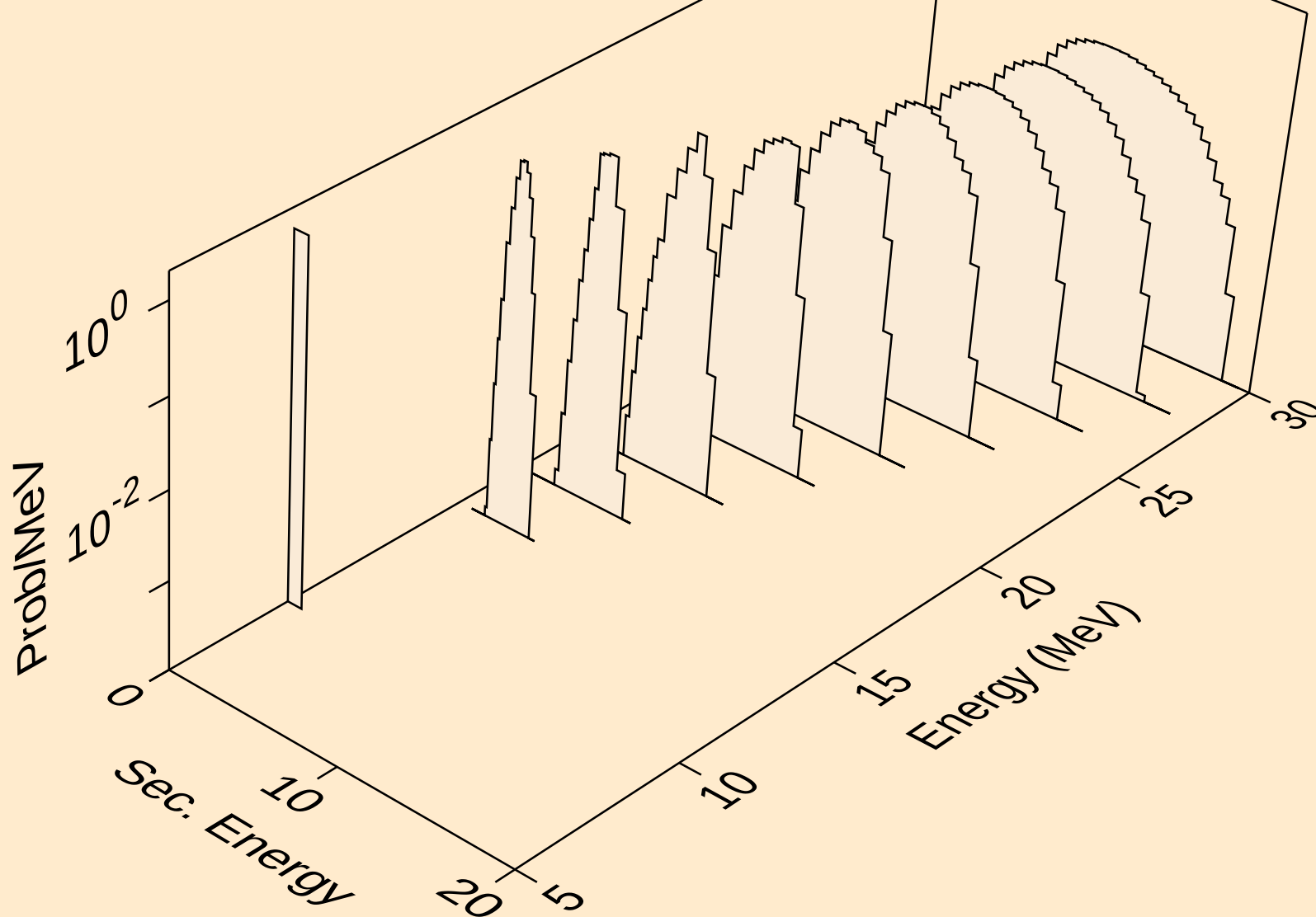
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deuterons from (n,n\*)d



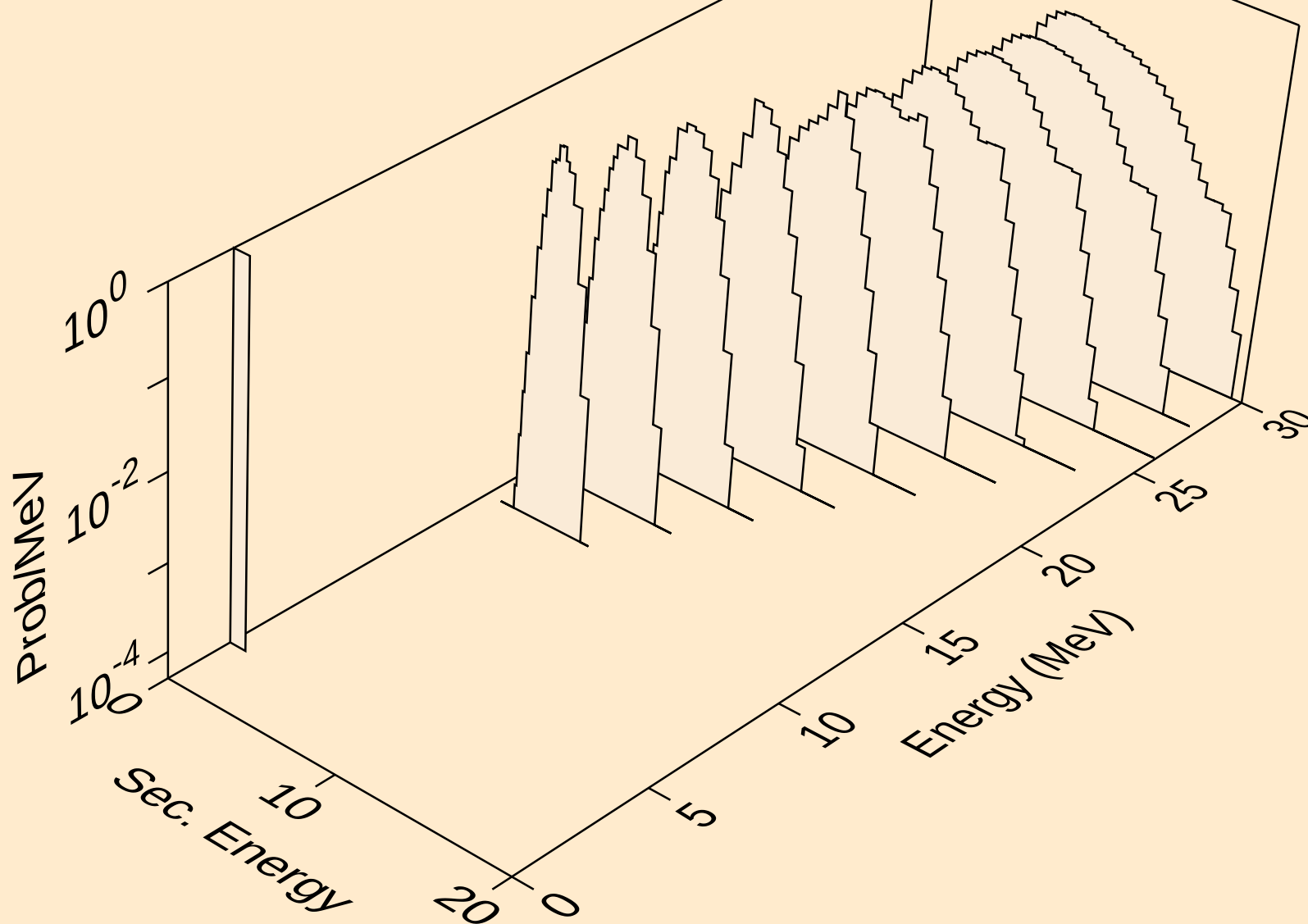
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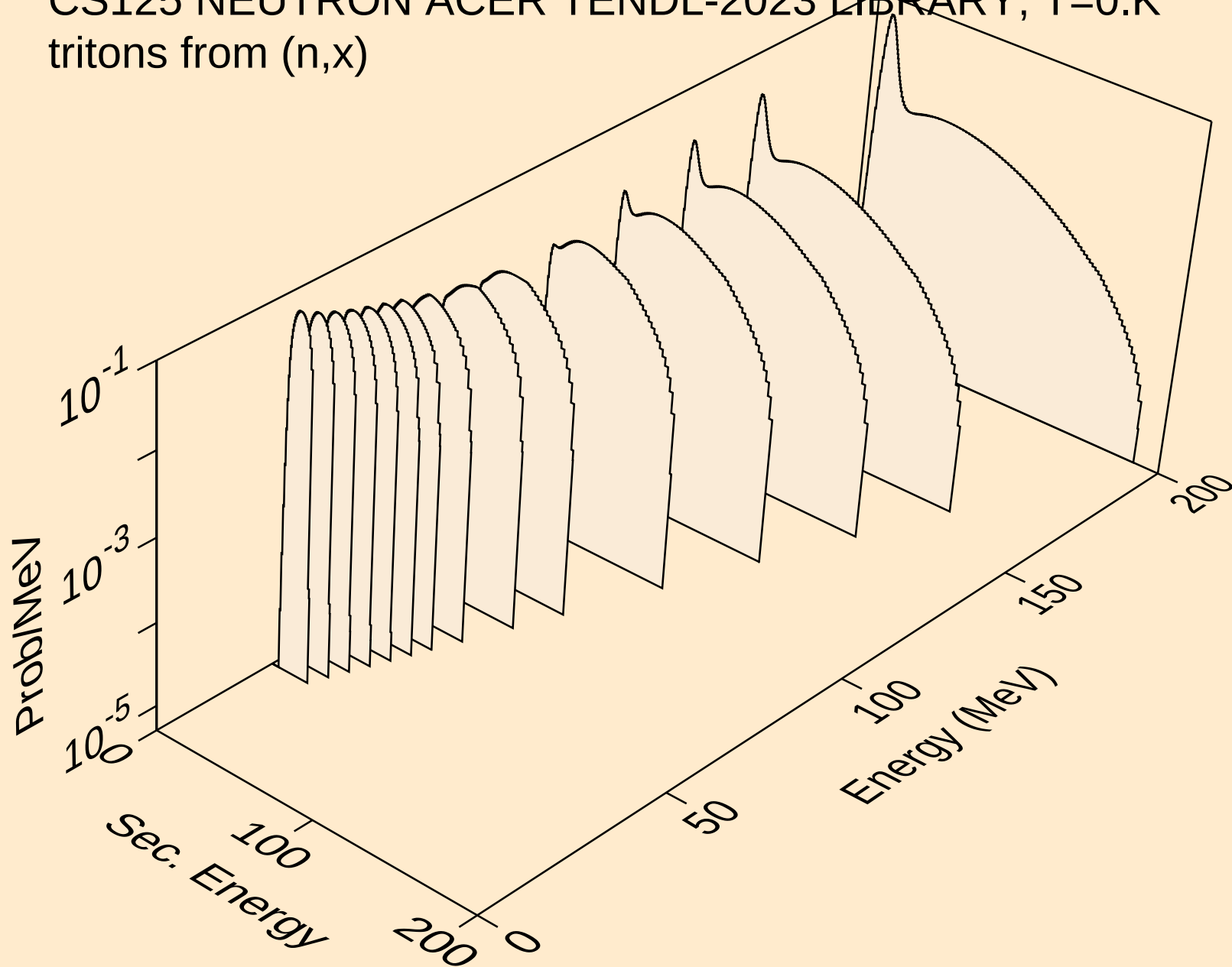
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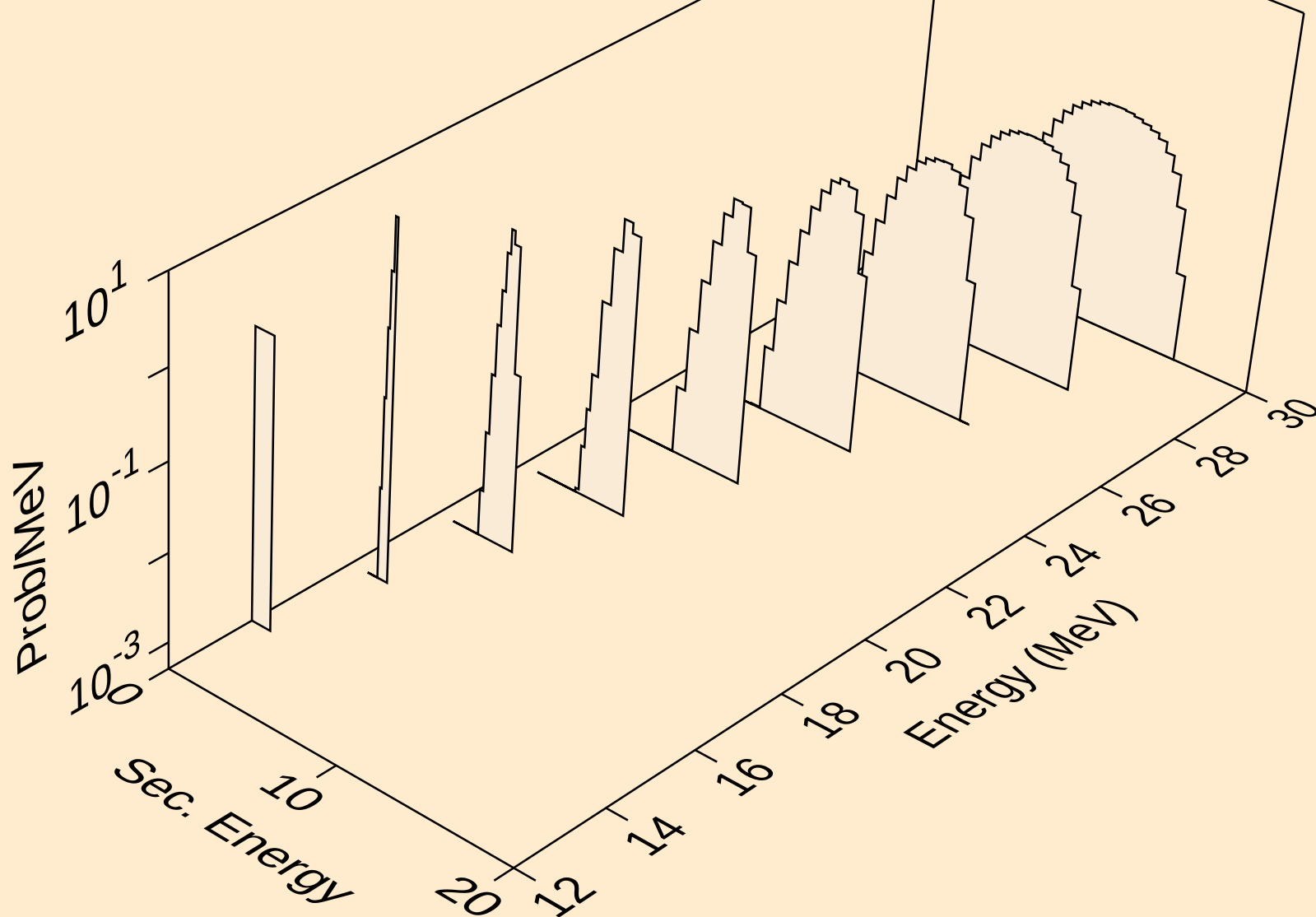
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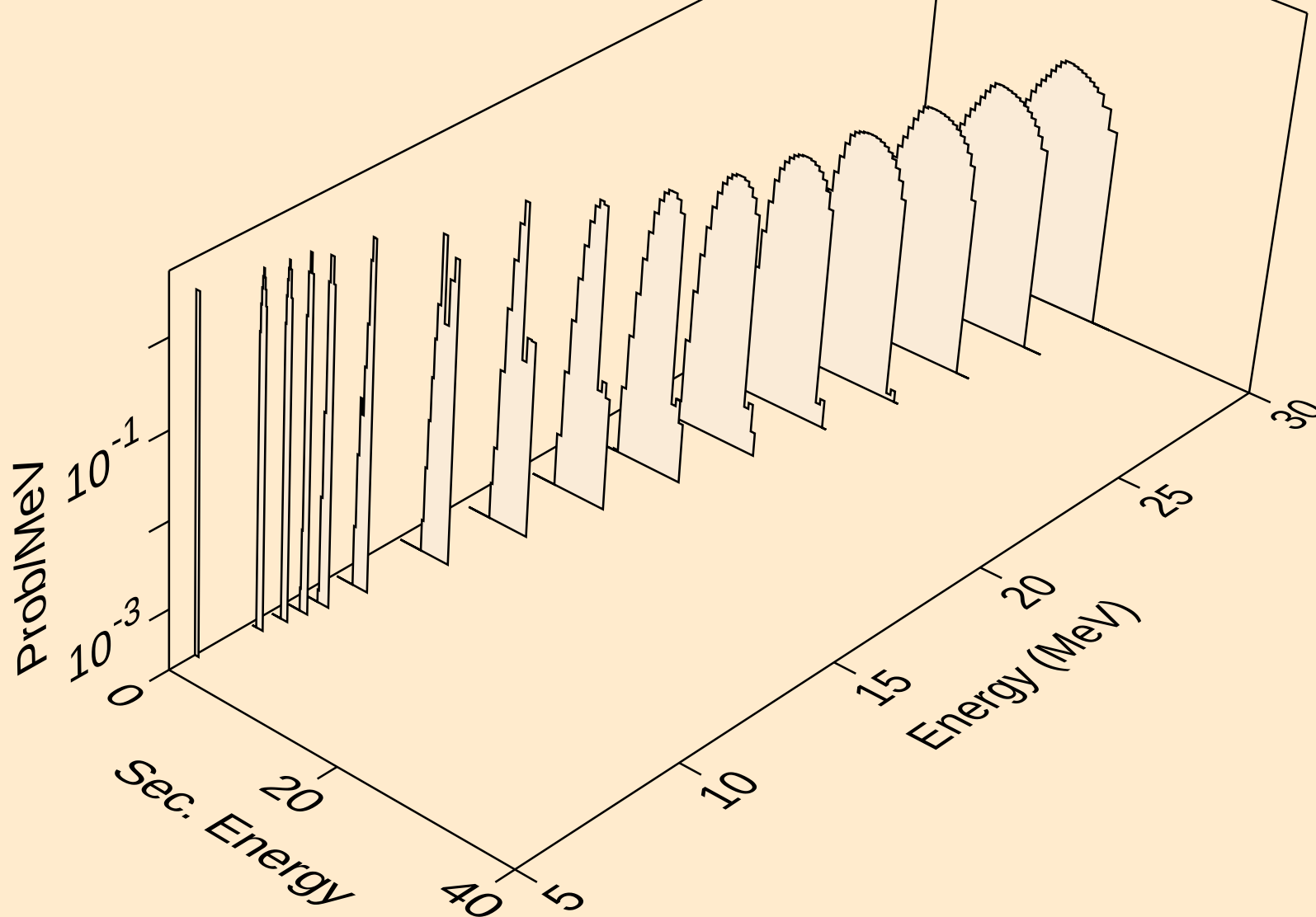
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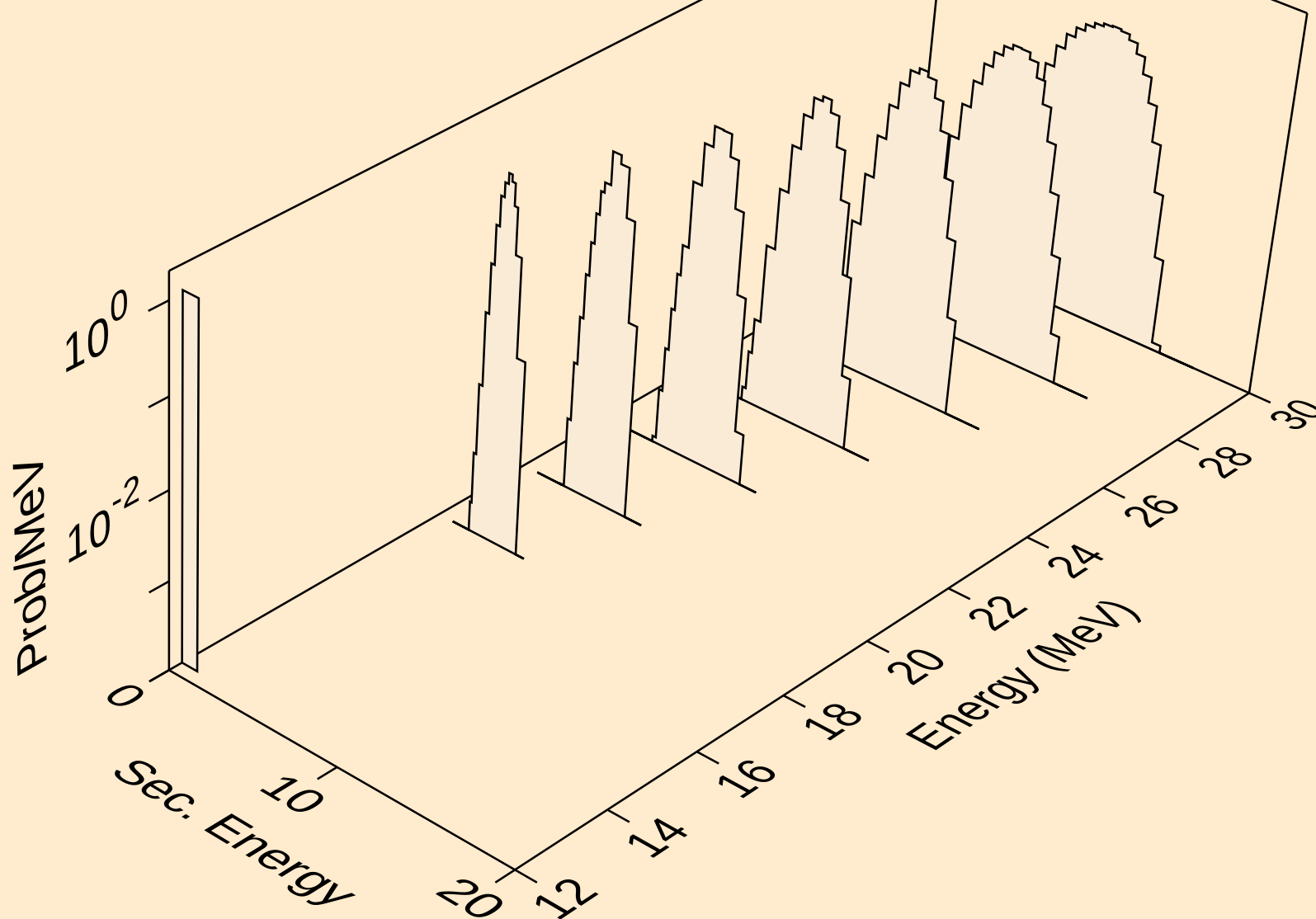
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tritons from (n,n\*)t



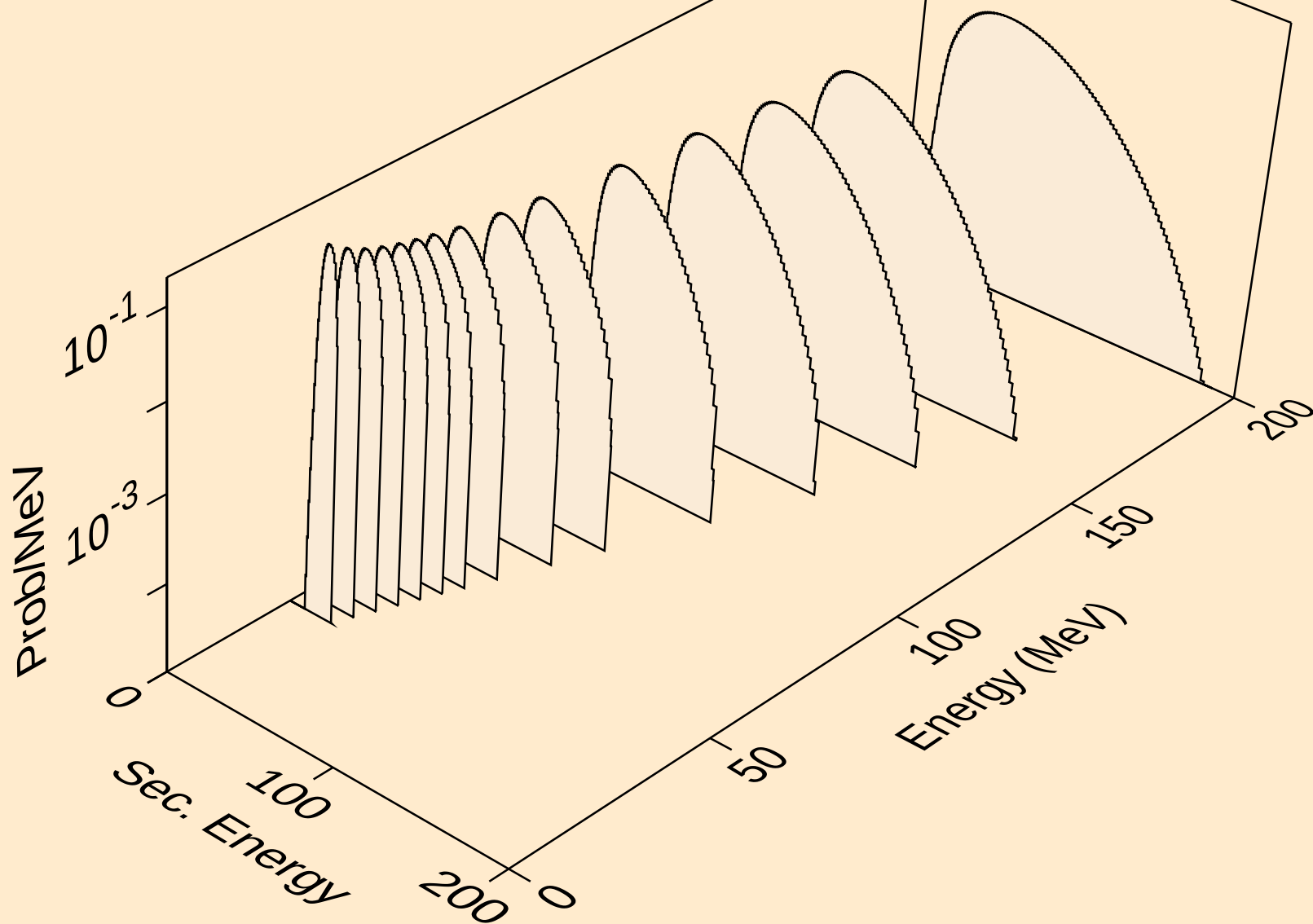
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tritons from (n,t)



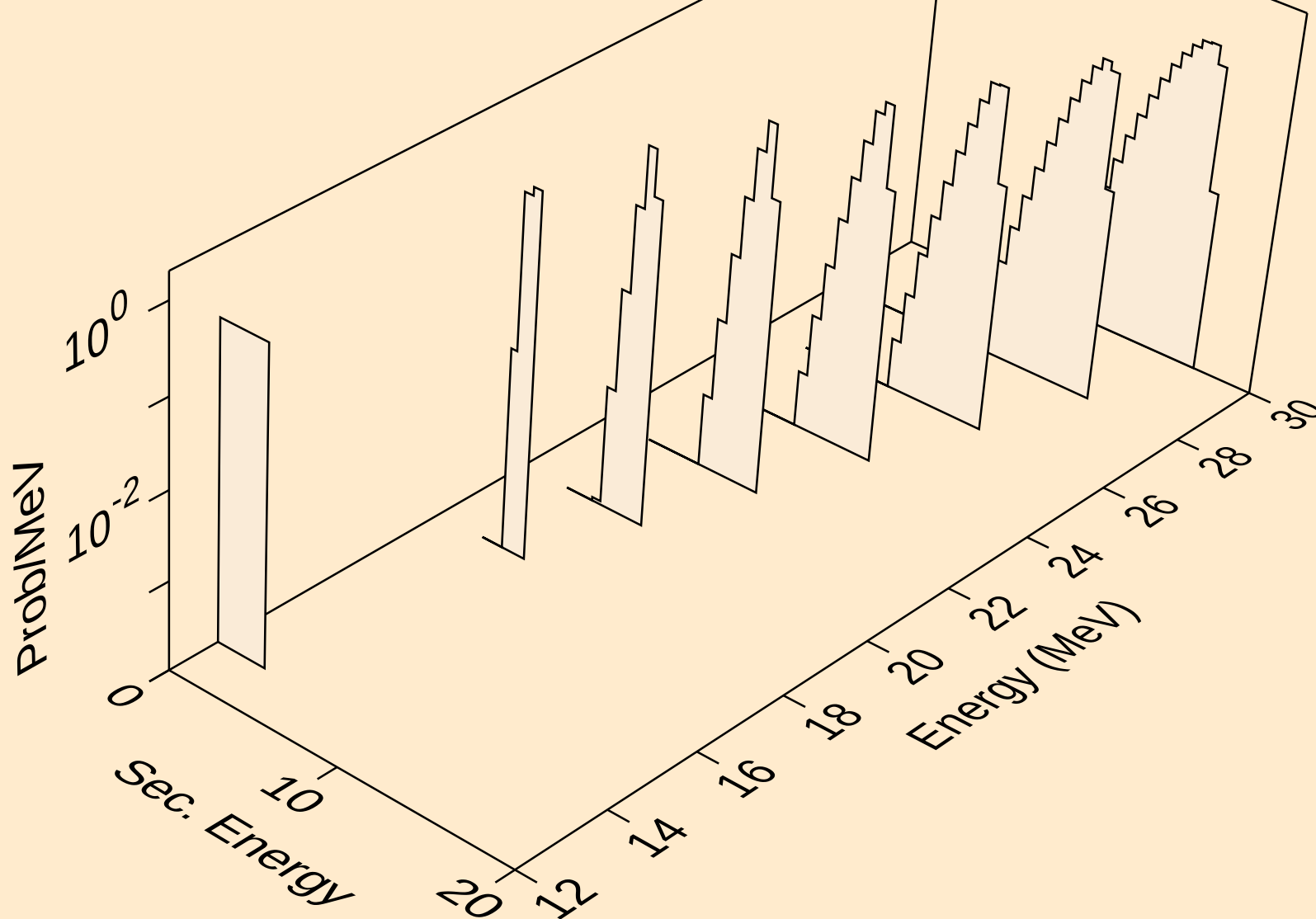
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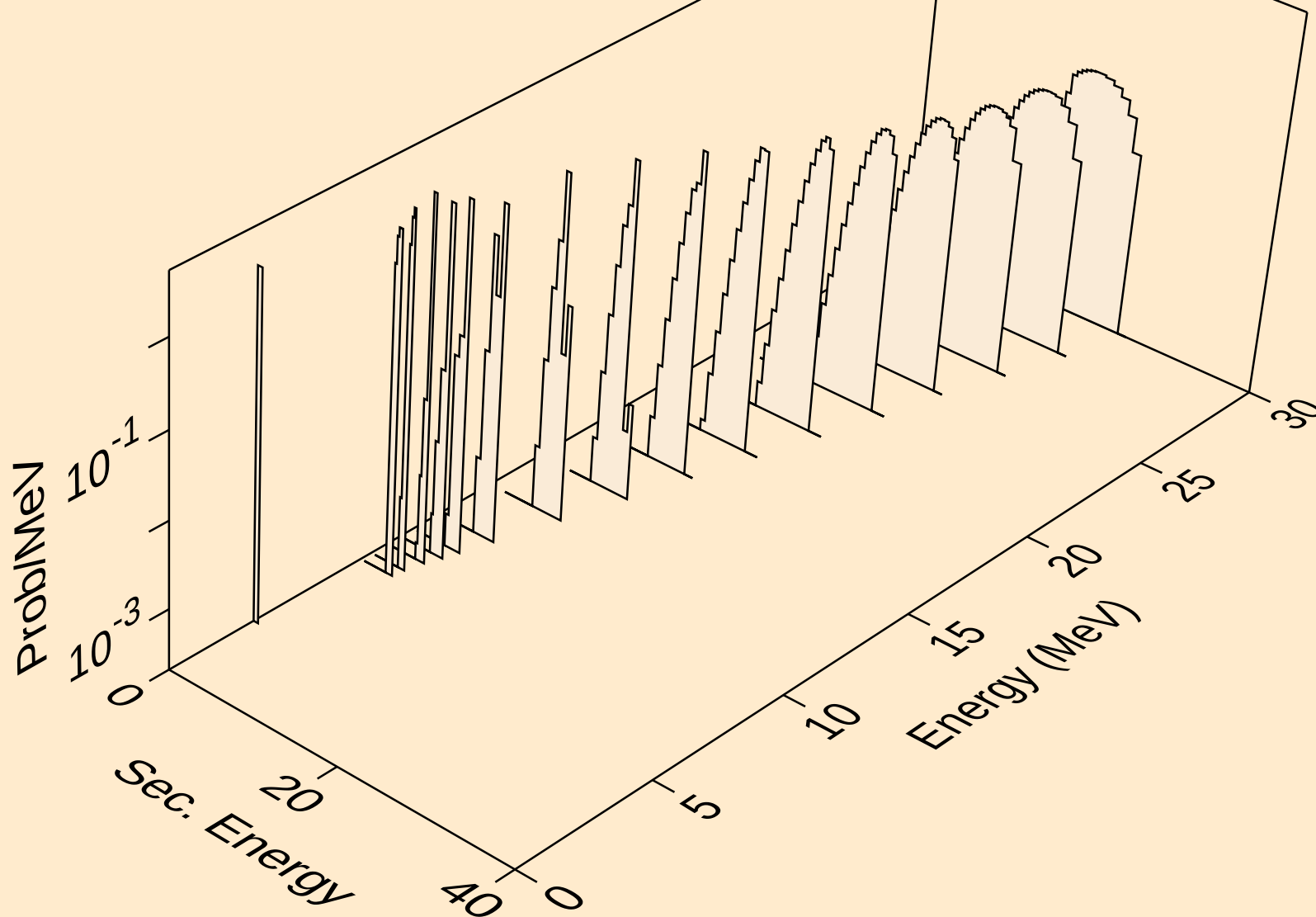
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he3s from (n,x)



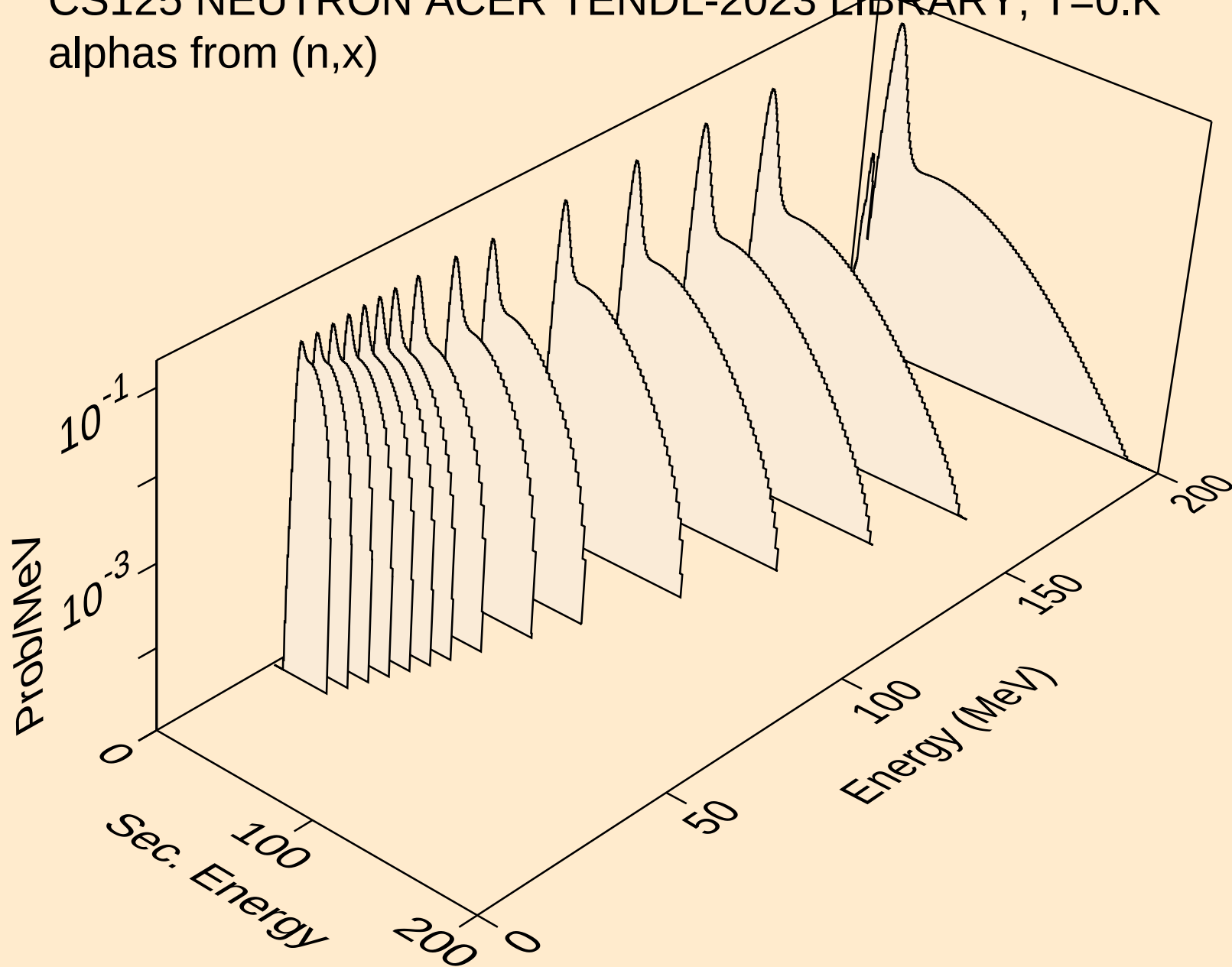
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he3s from (n,n\*)he3



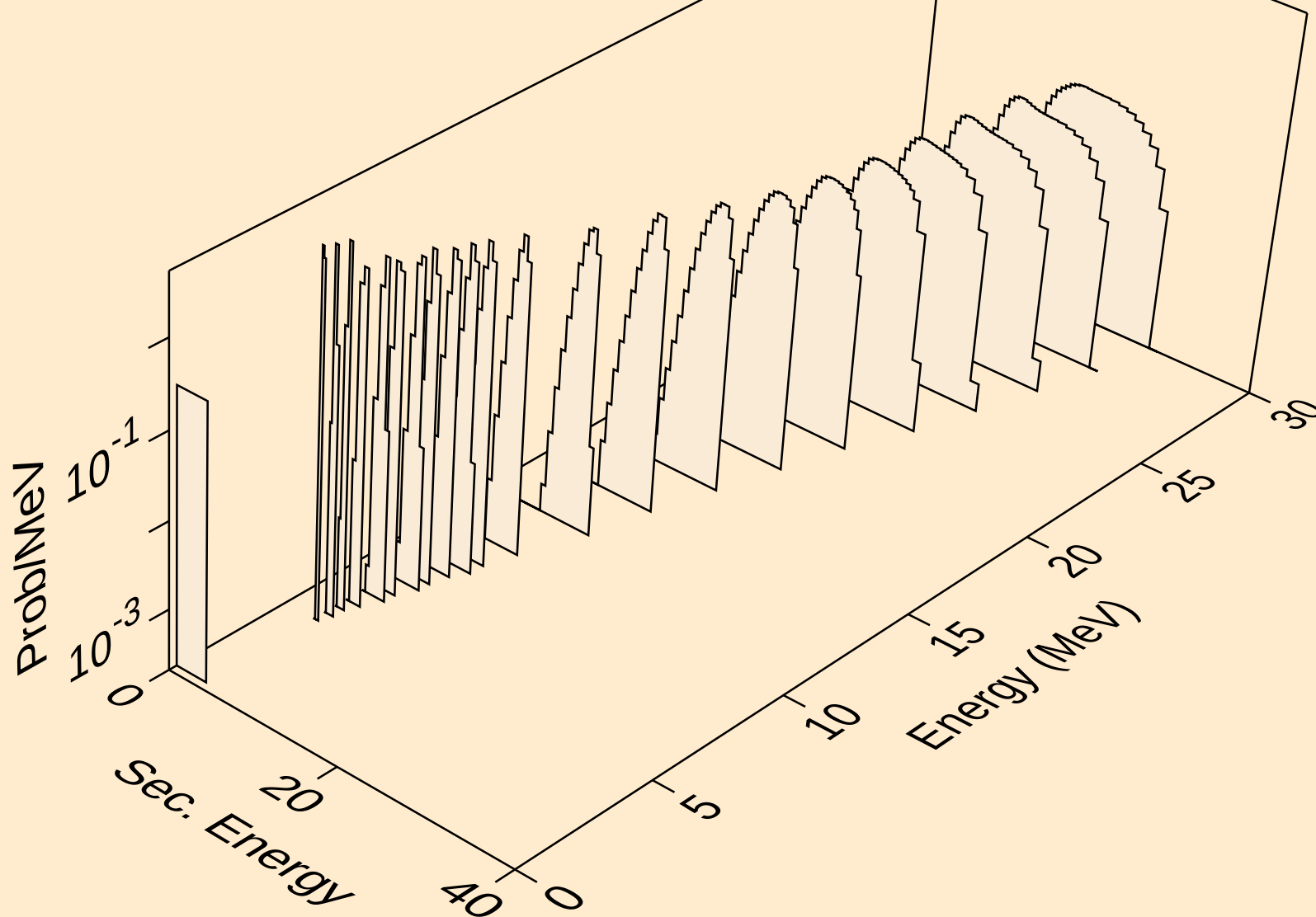
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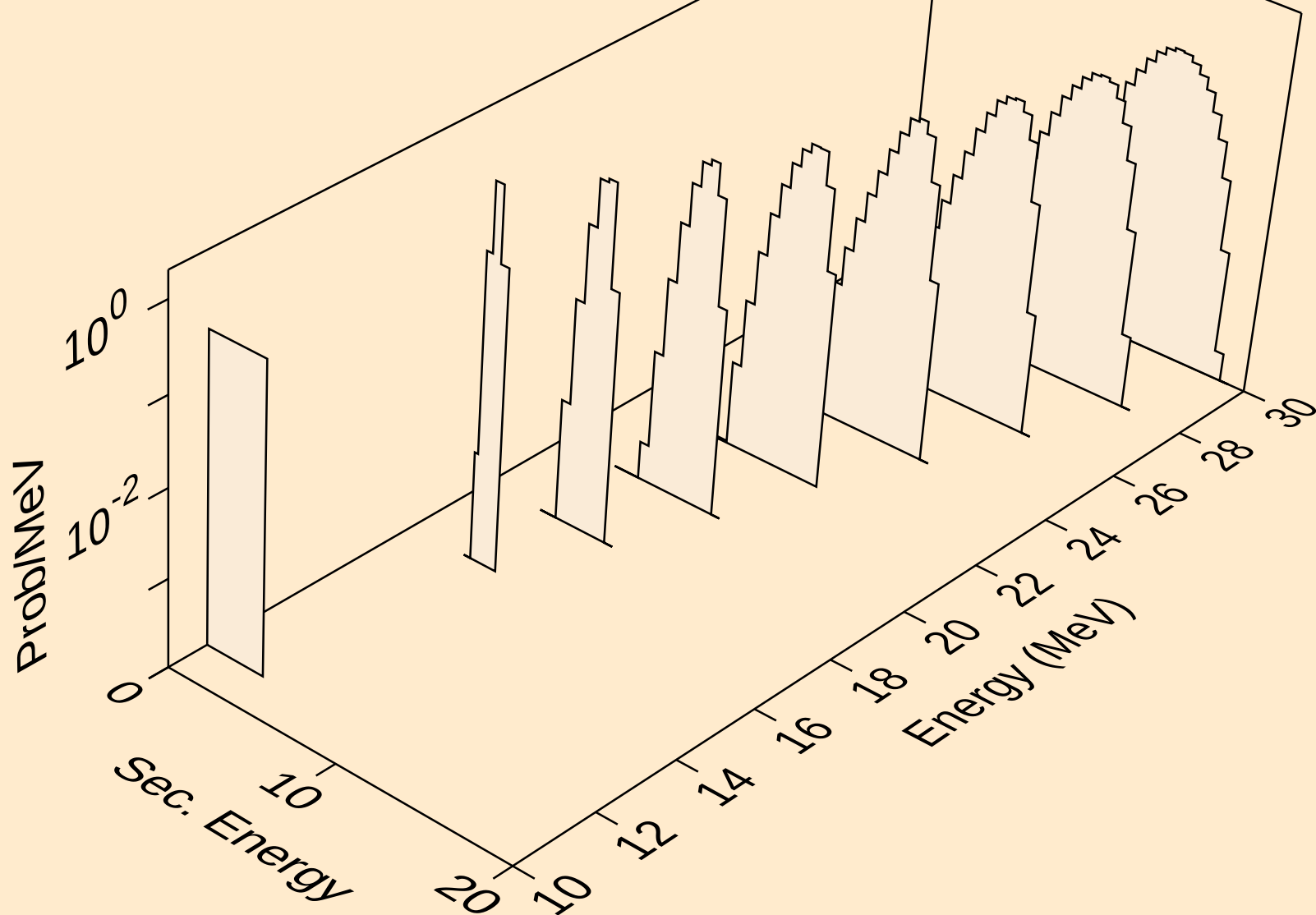
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



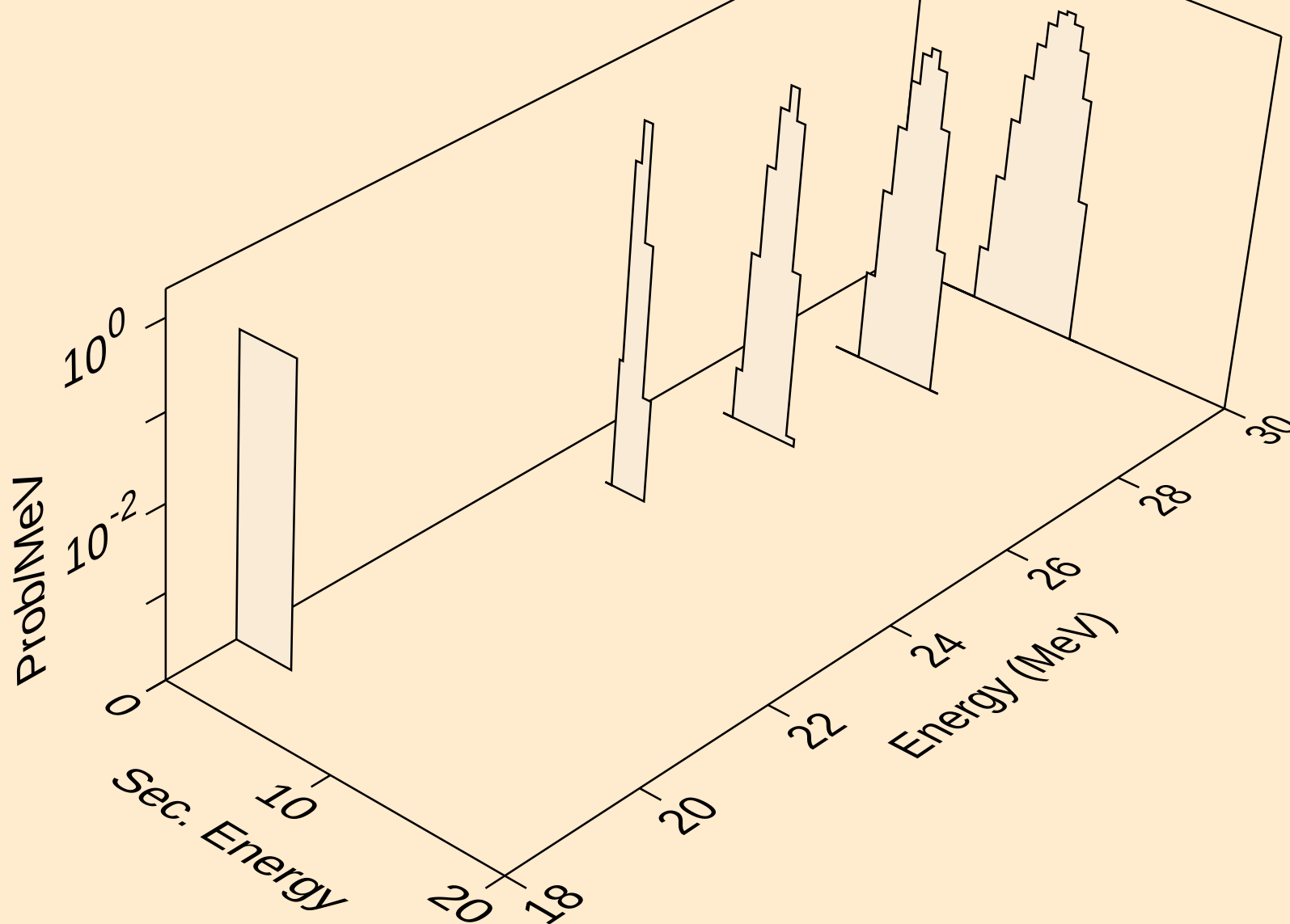
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



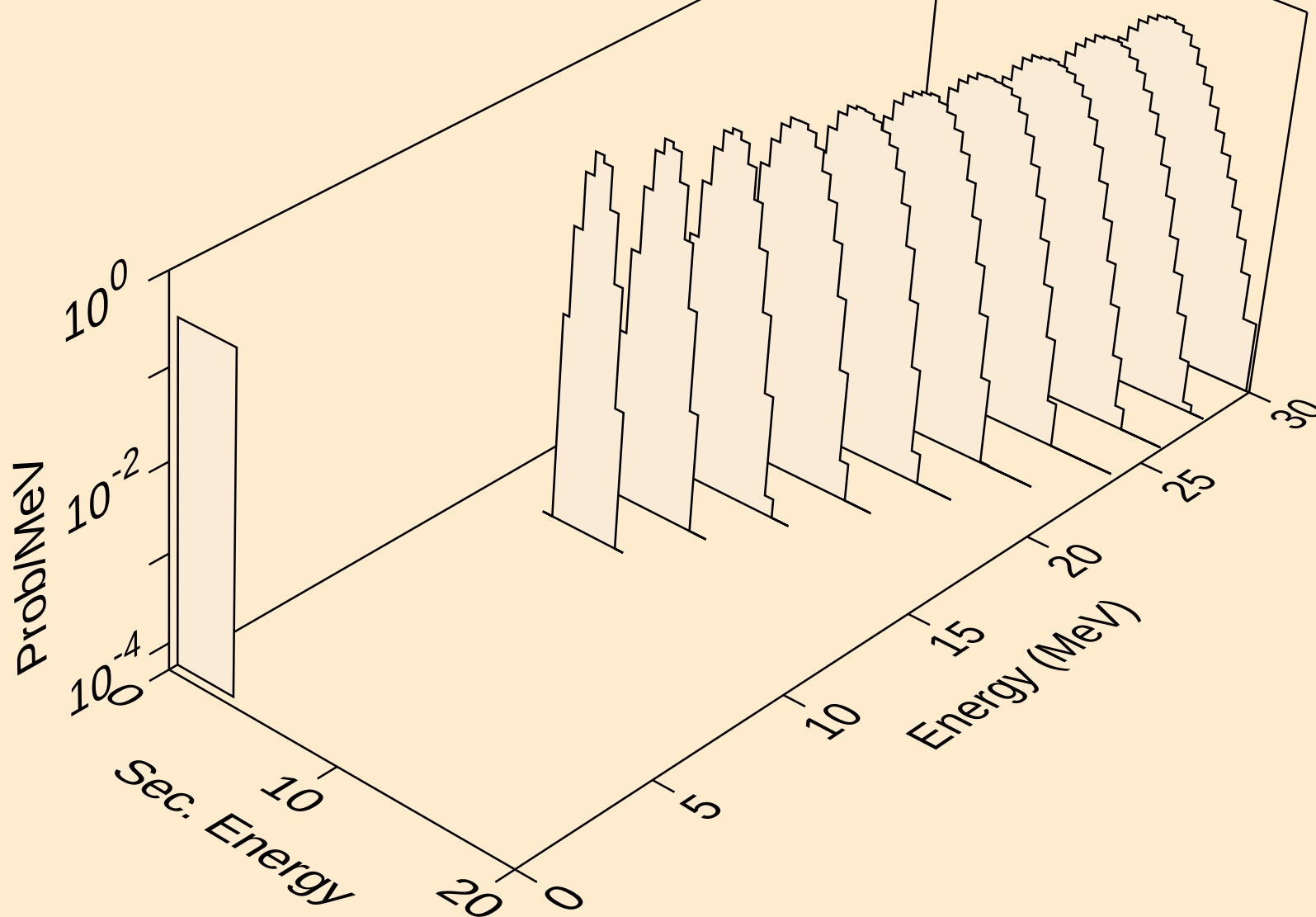
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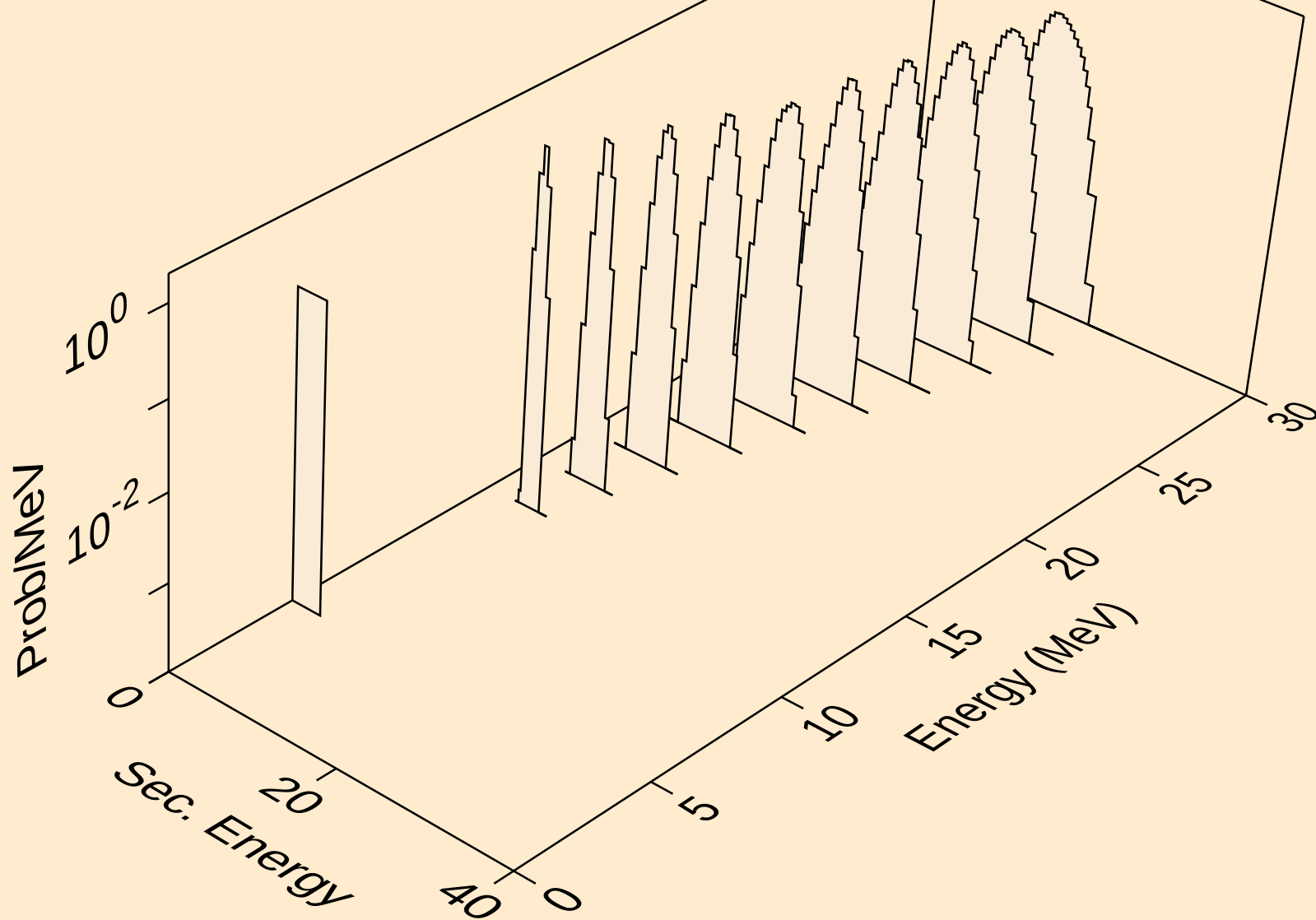
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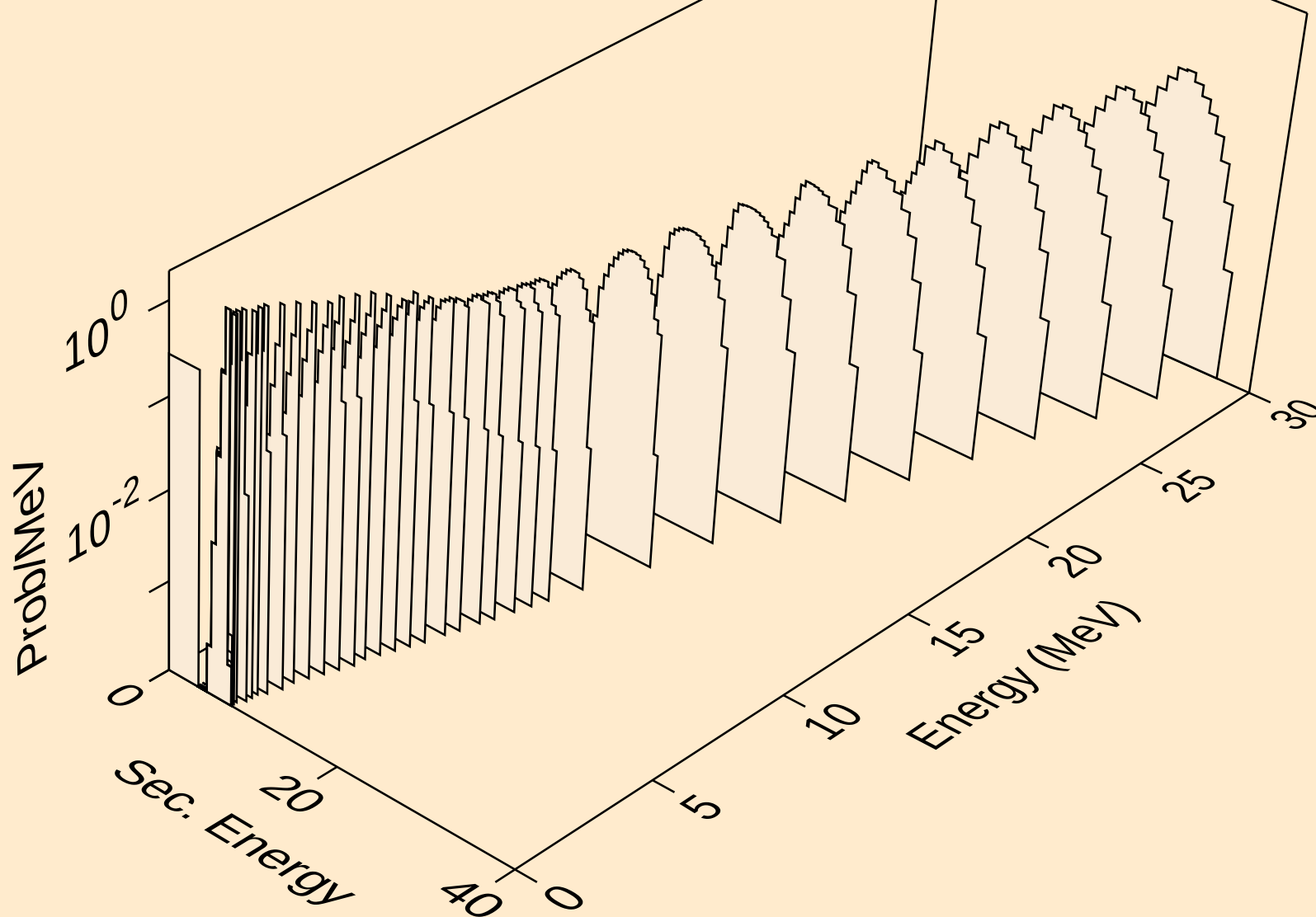
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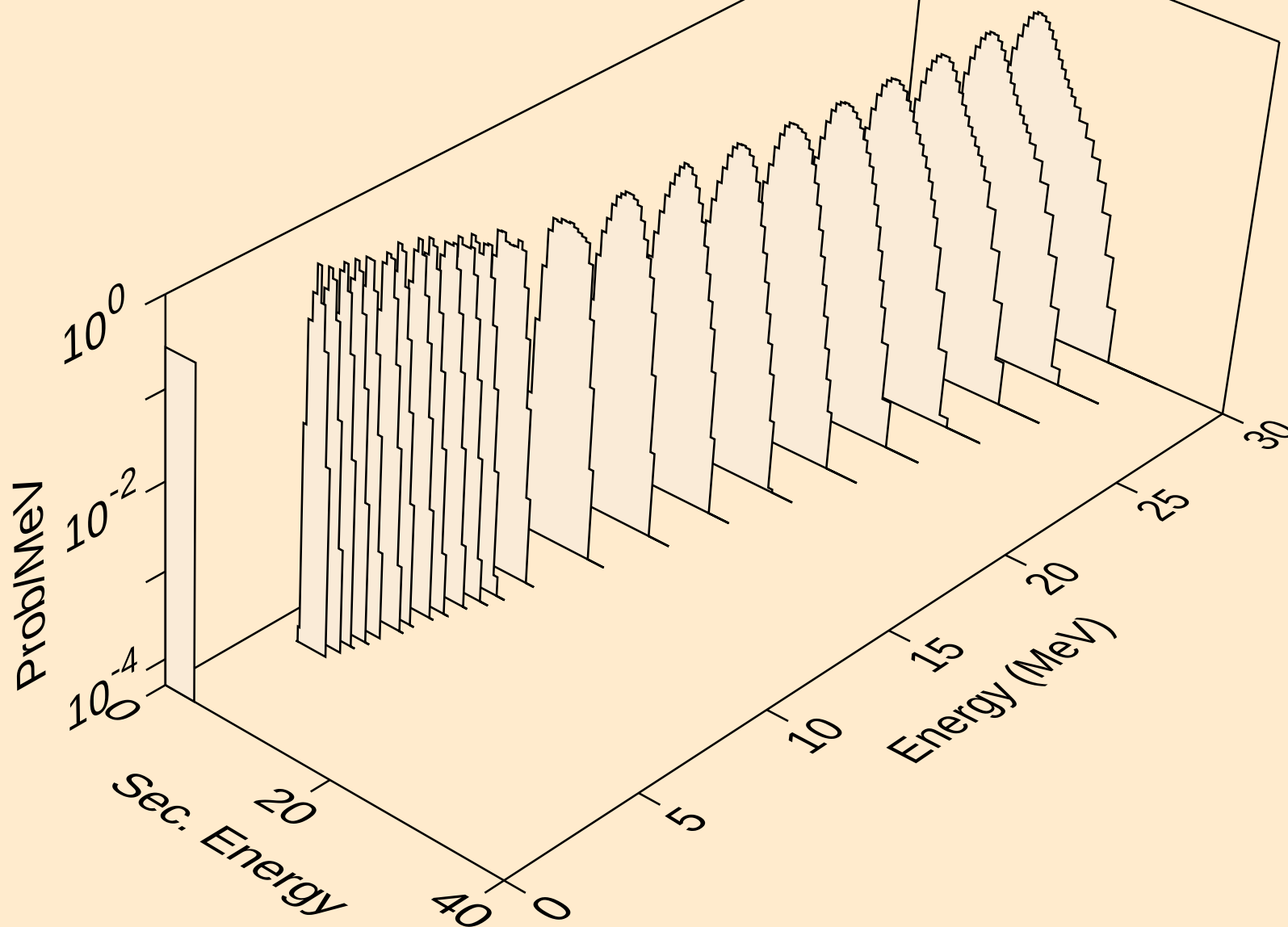
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alphas from (n,npa)



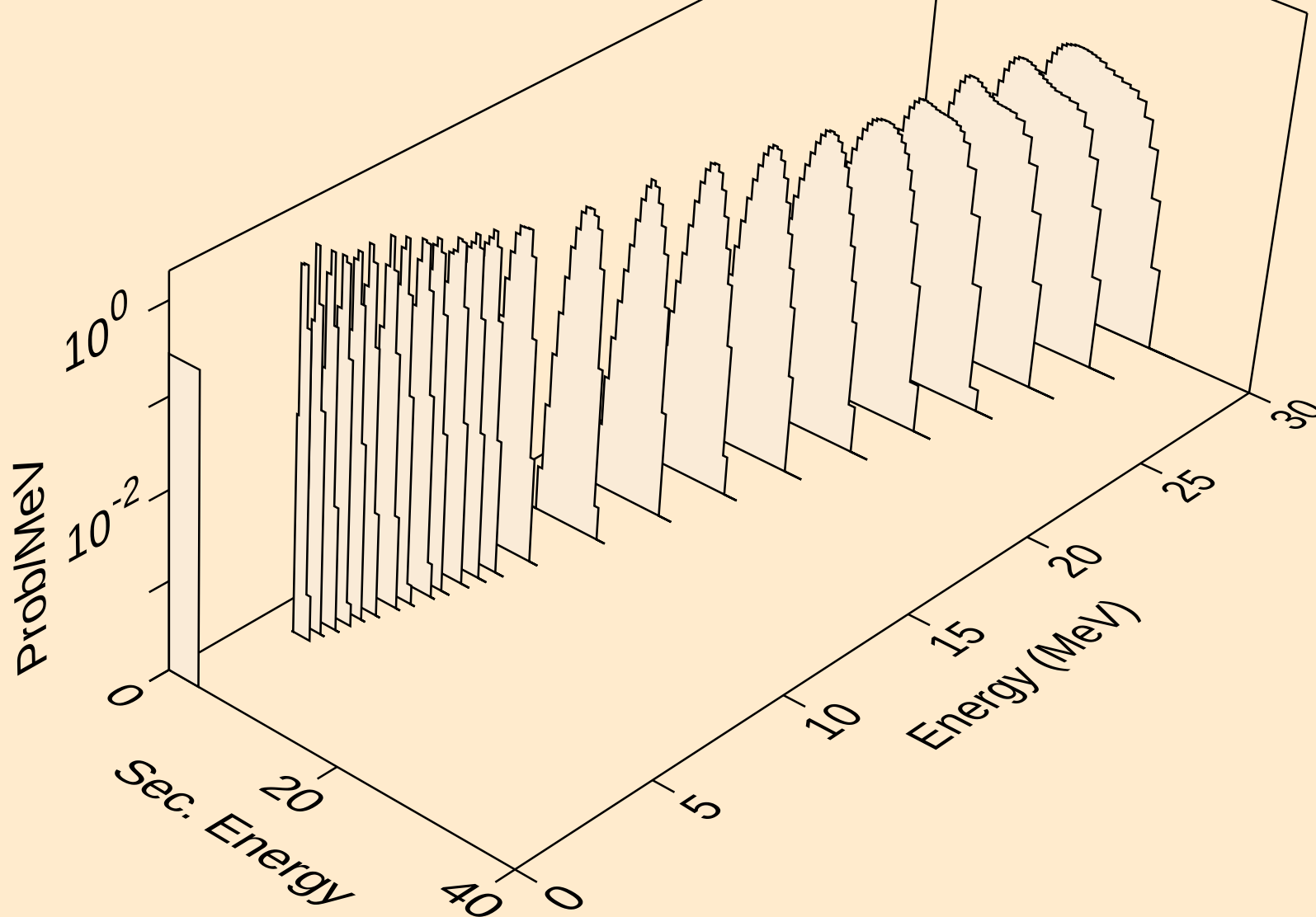
CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



CS125 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

