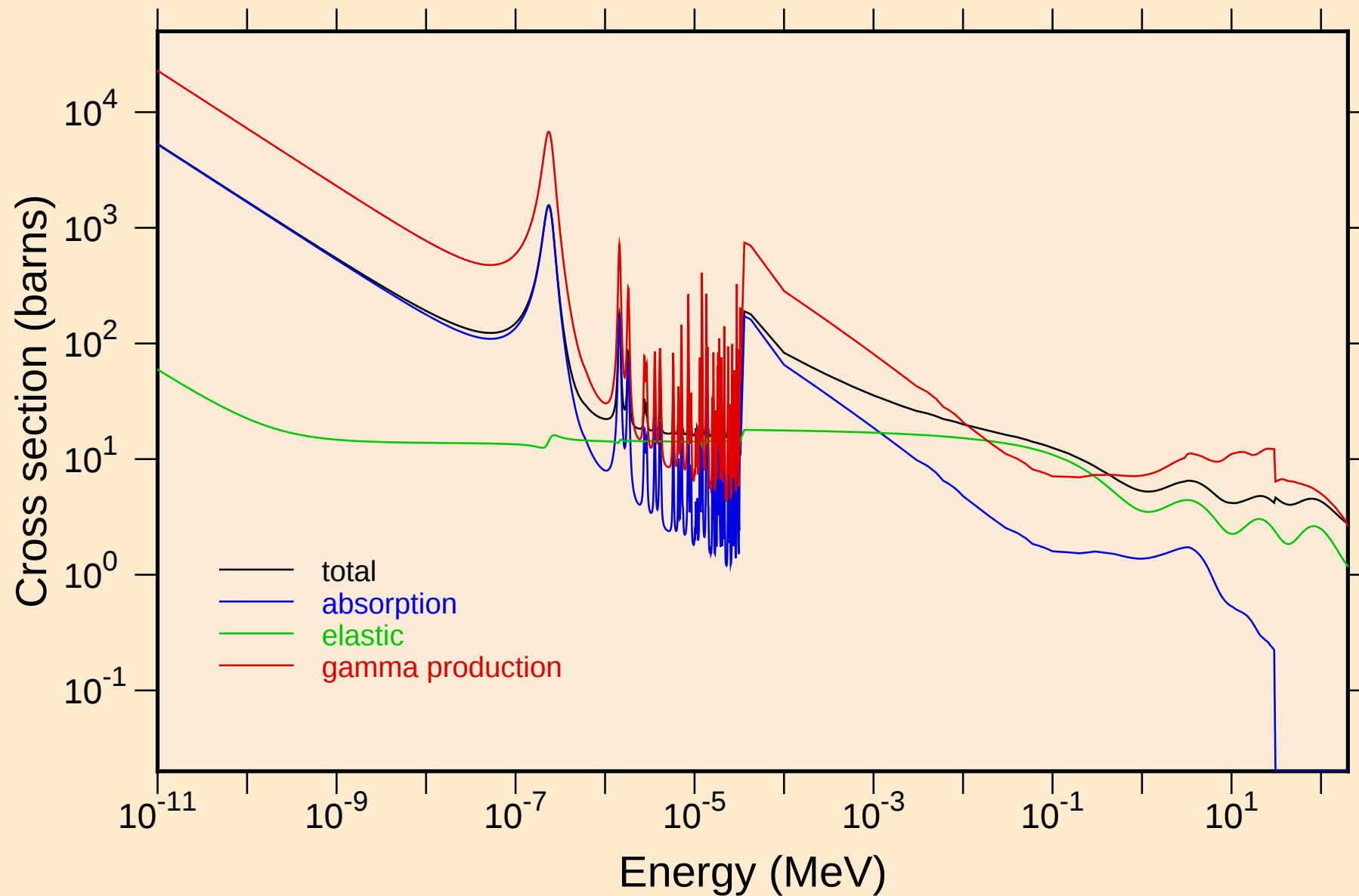
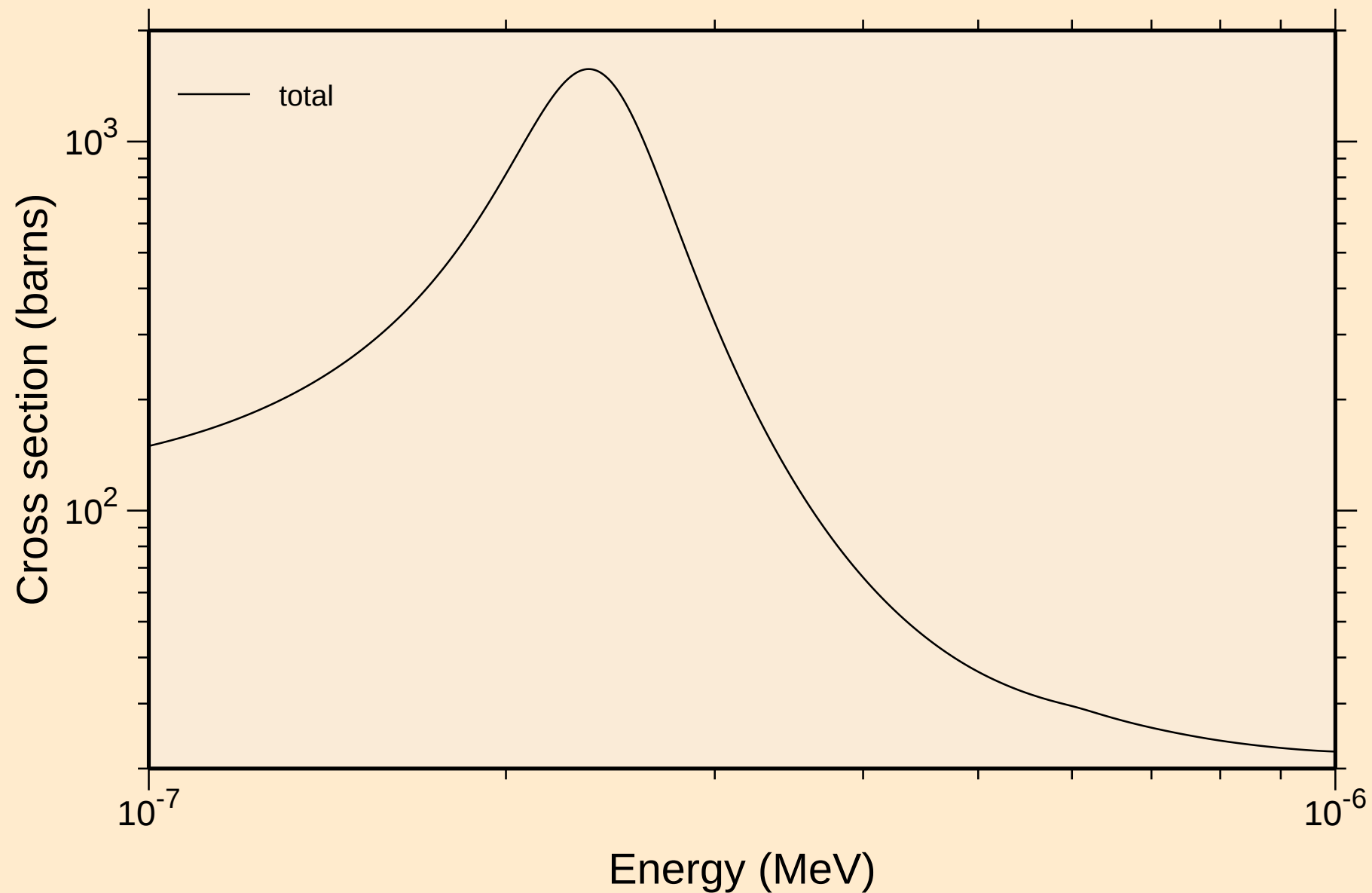


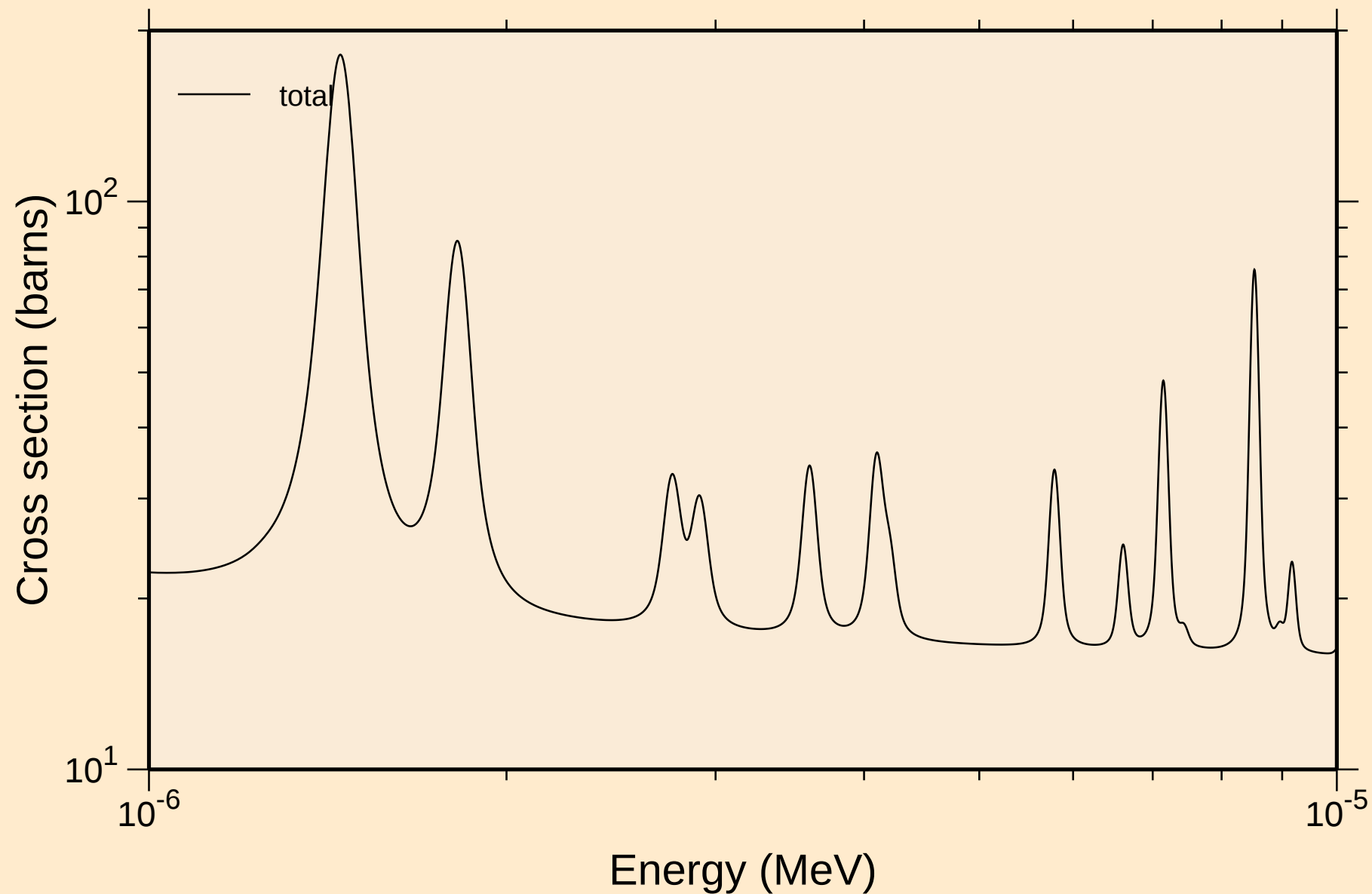
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



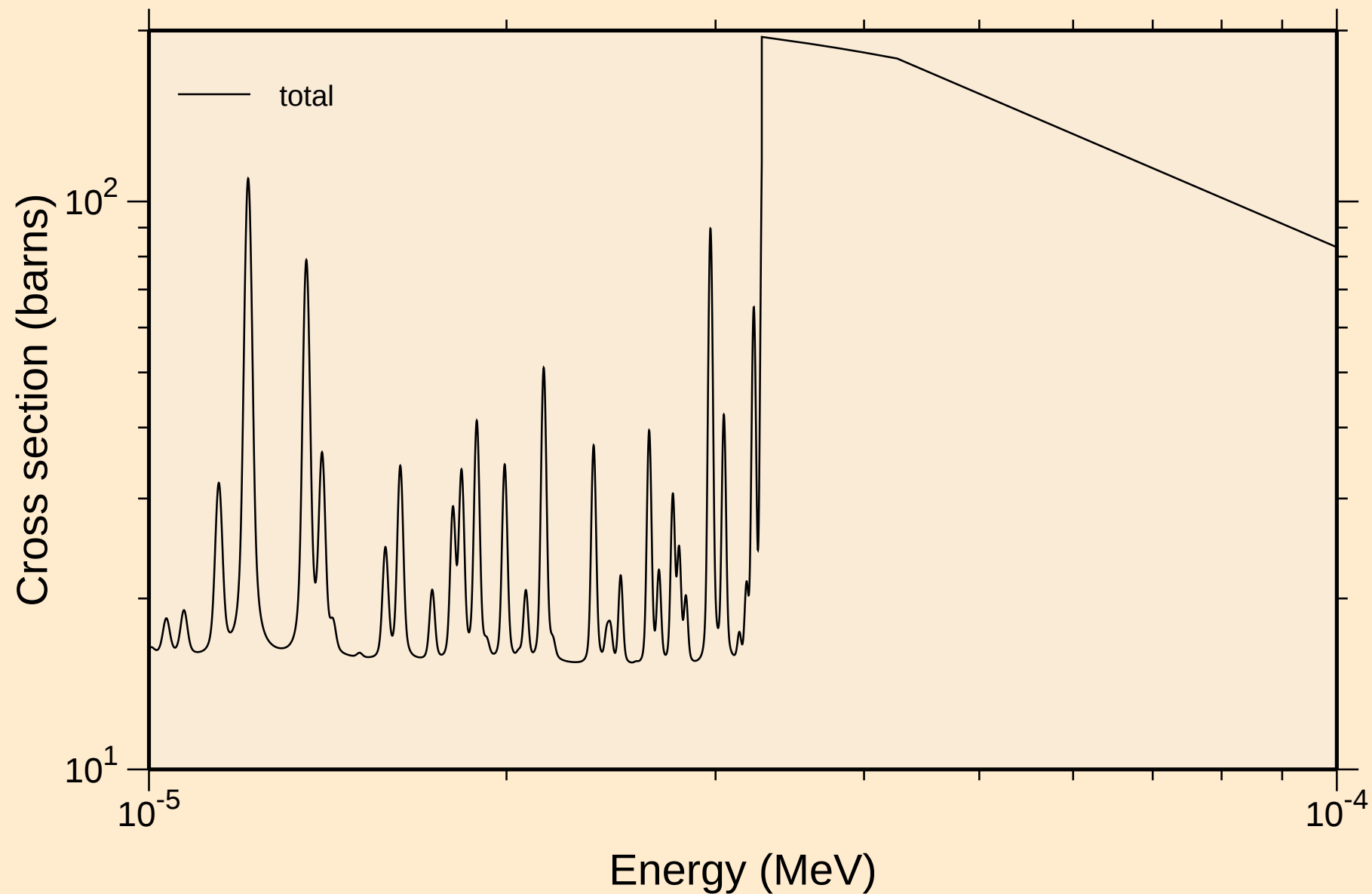
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



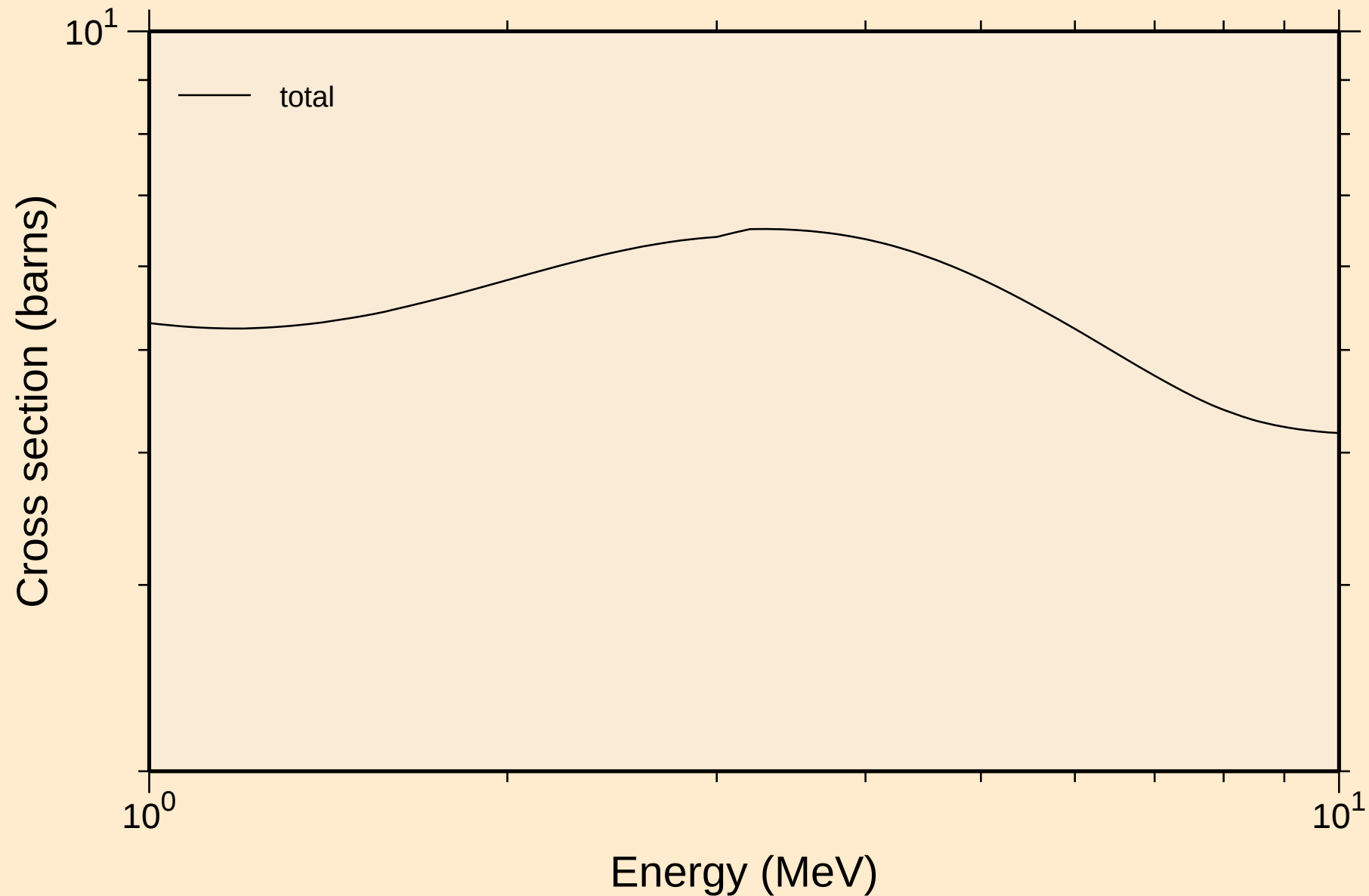
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



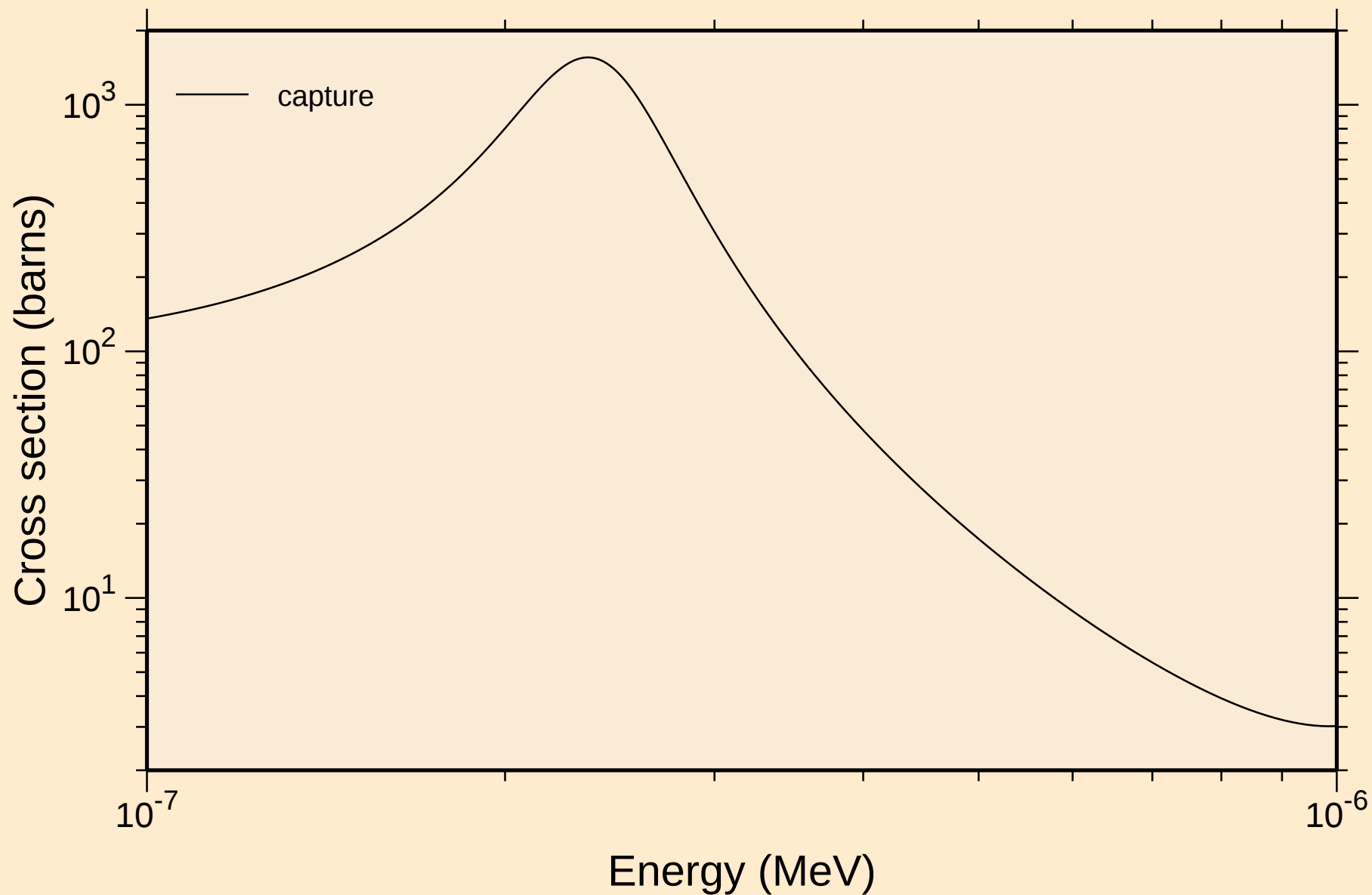
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



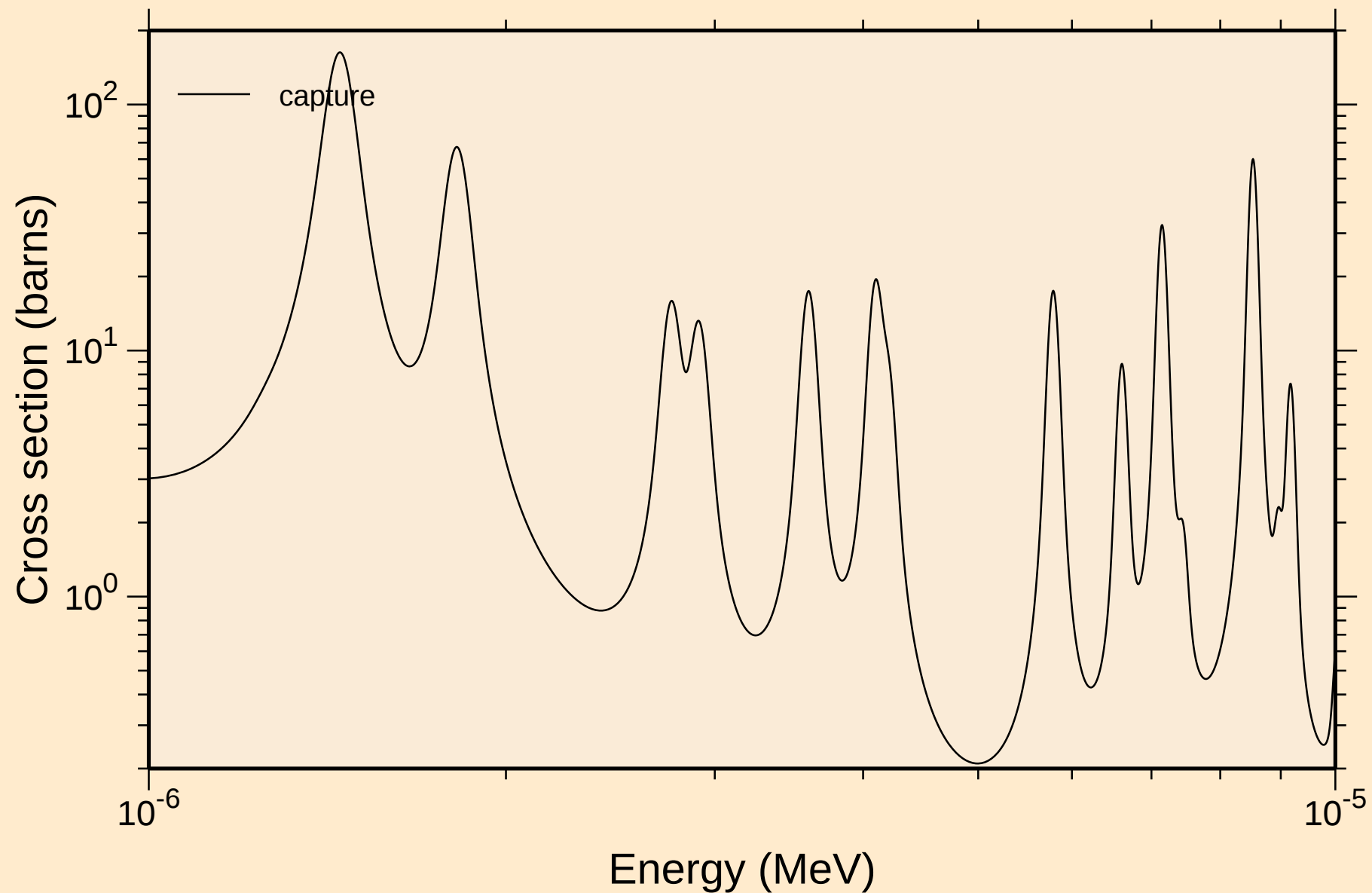
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



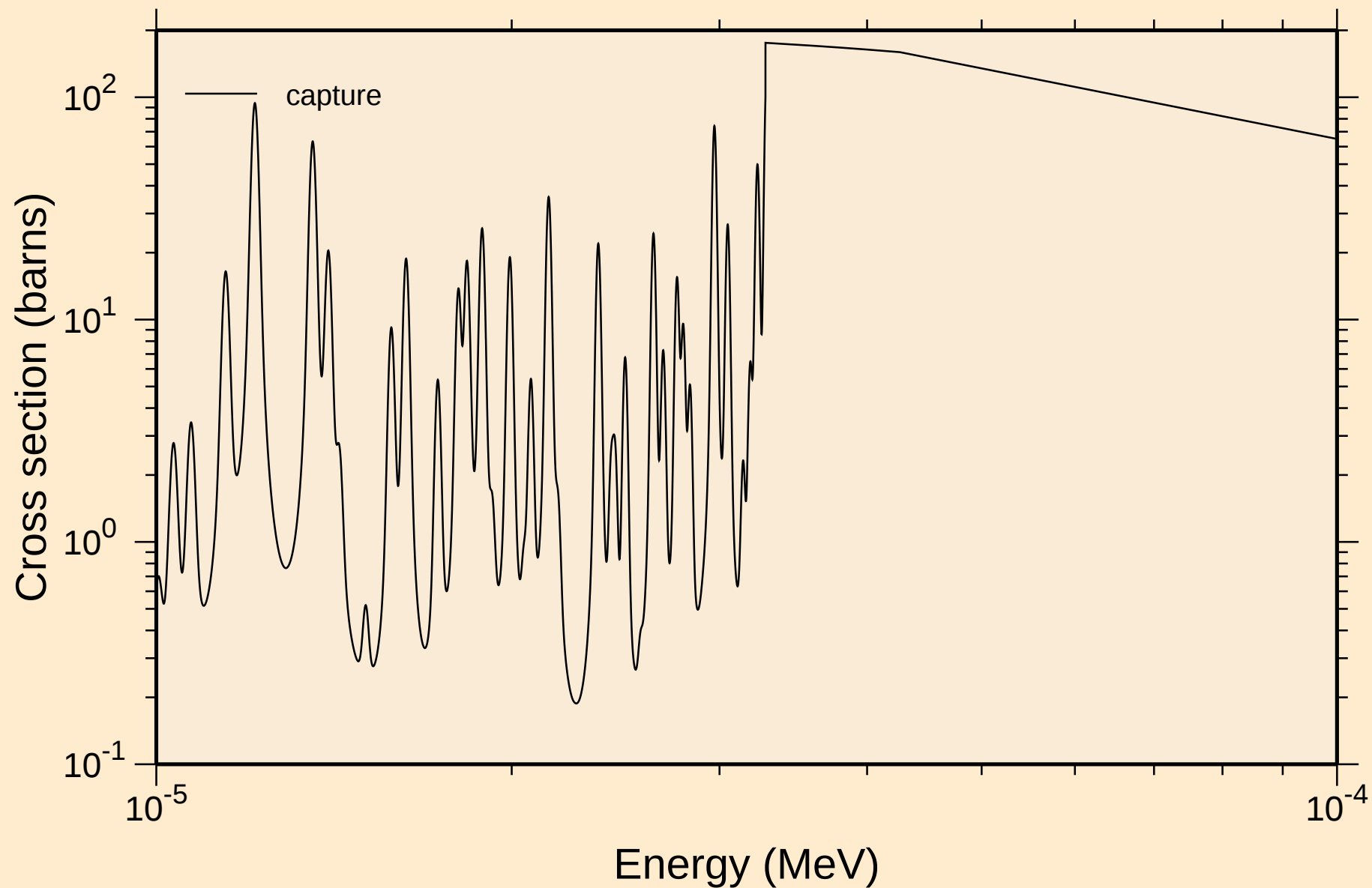
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



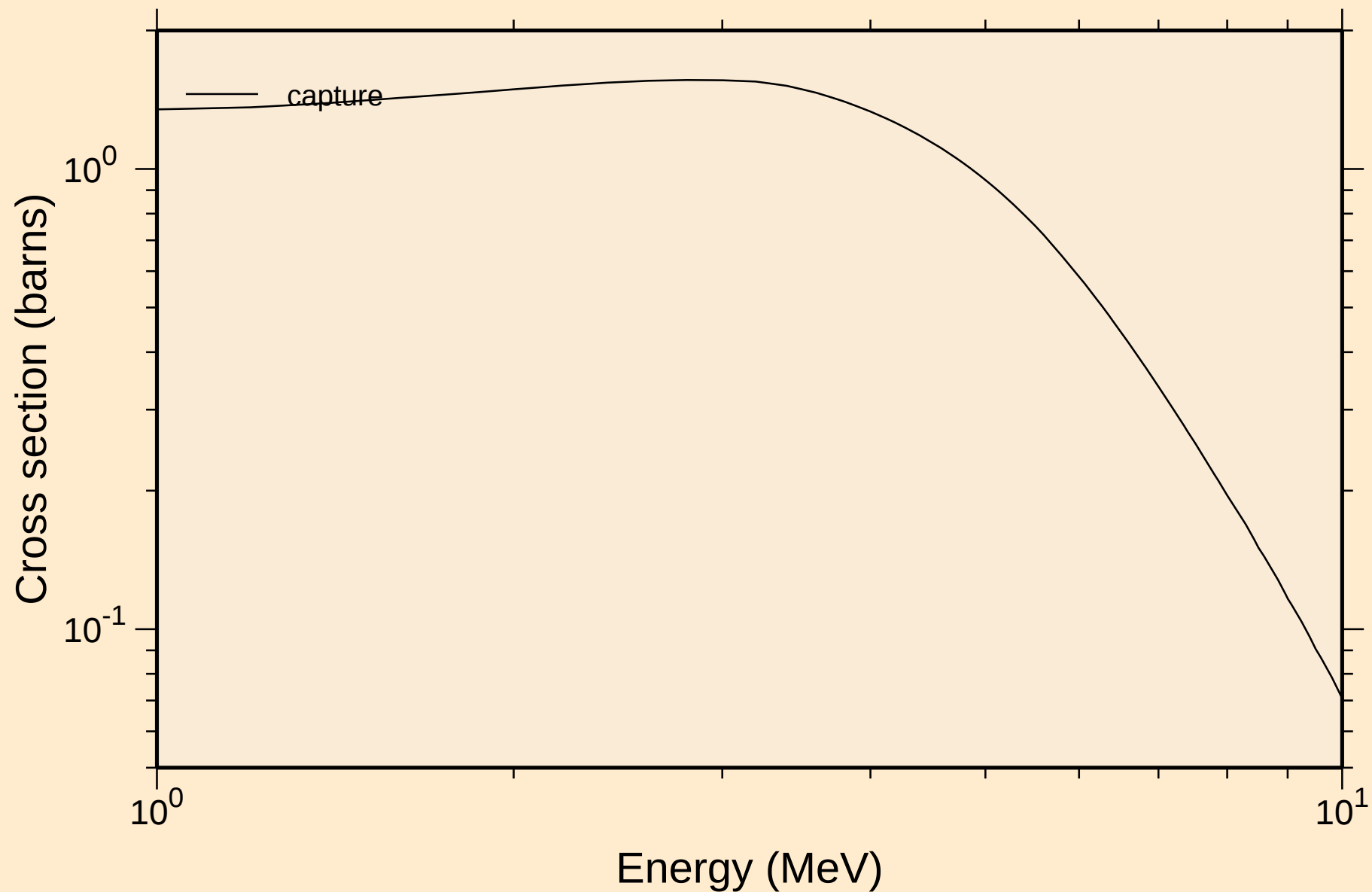
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

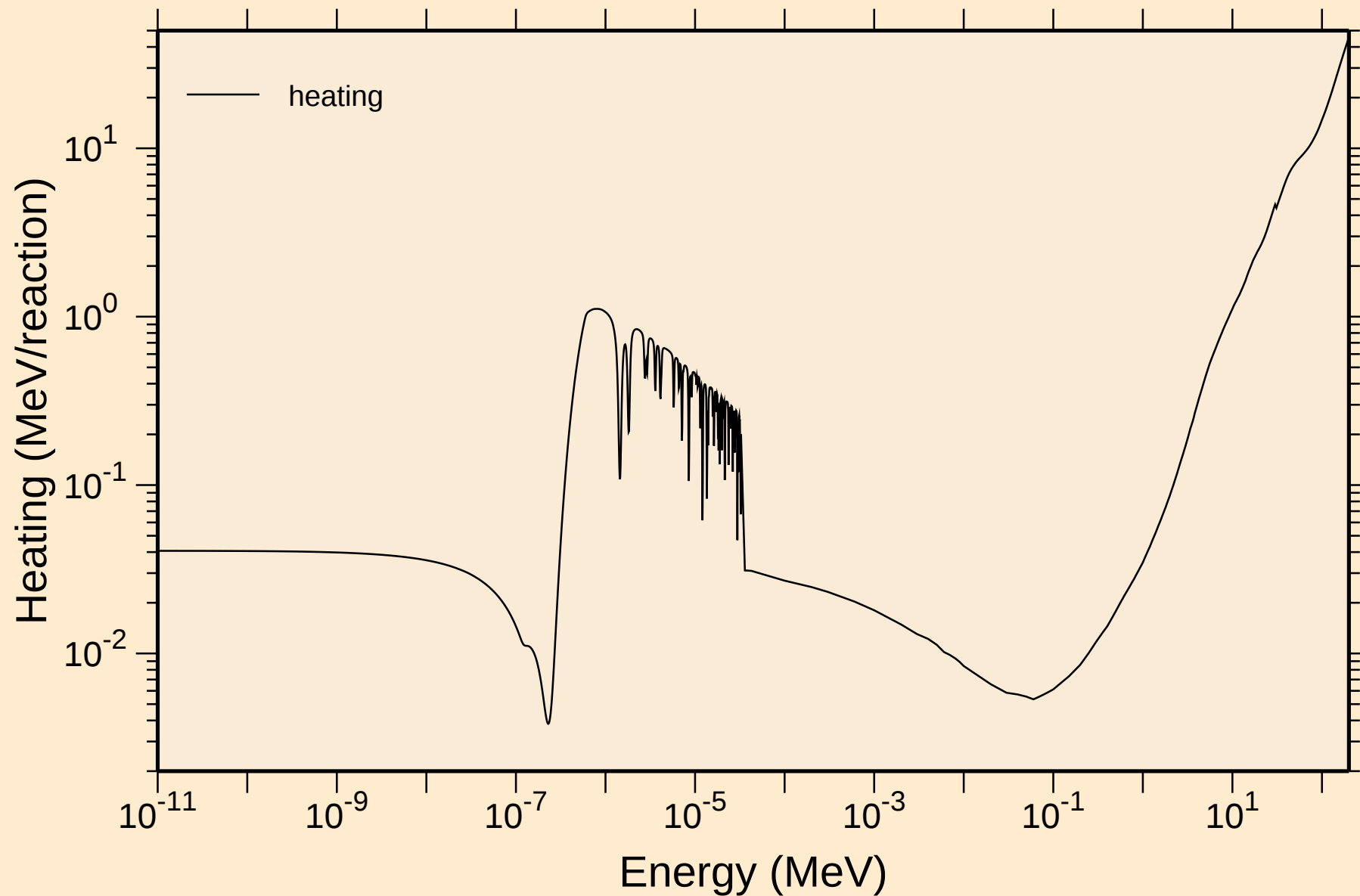


HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



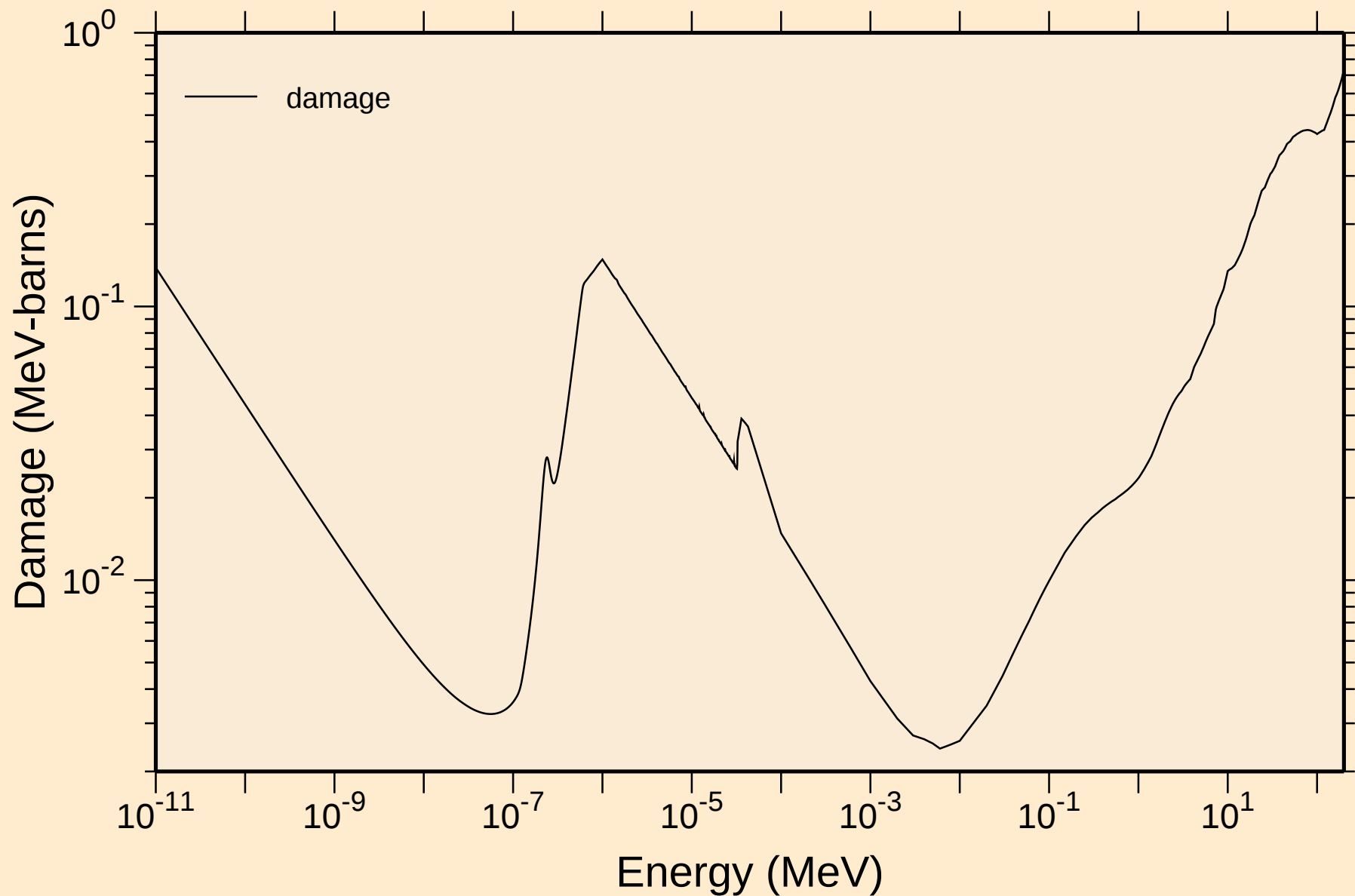
# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

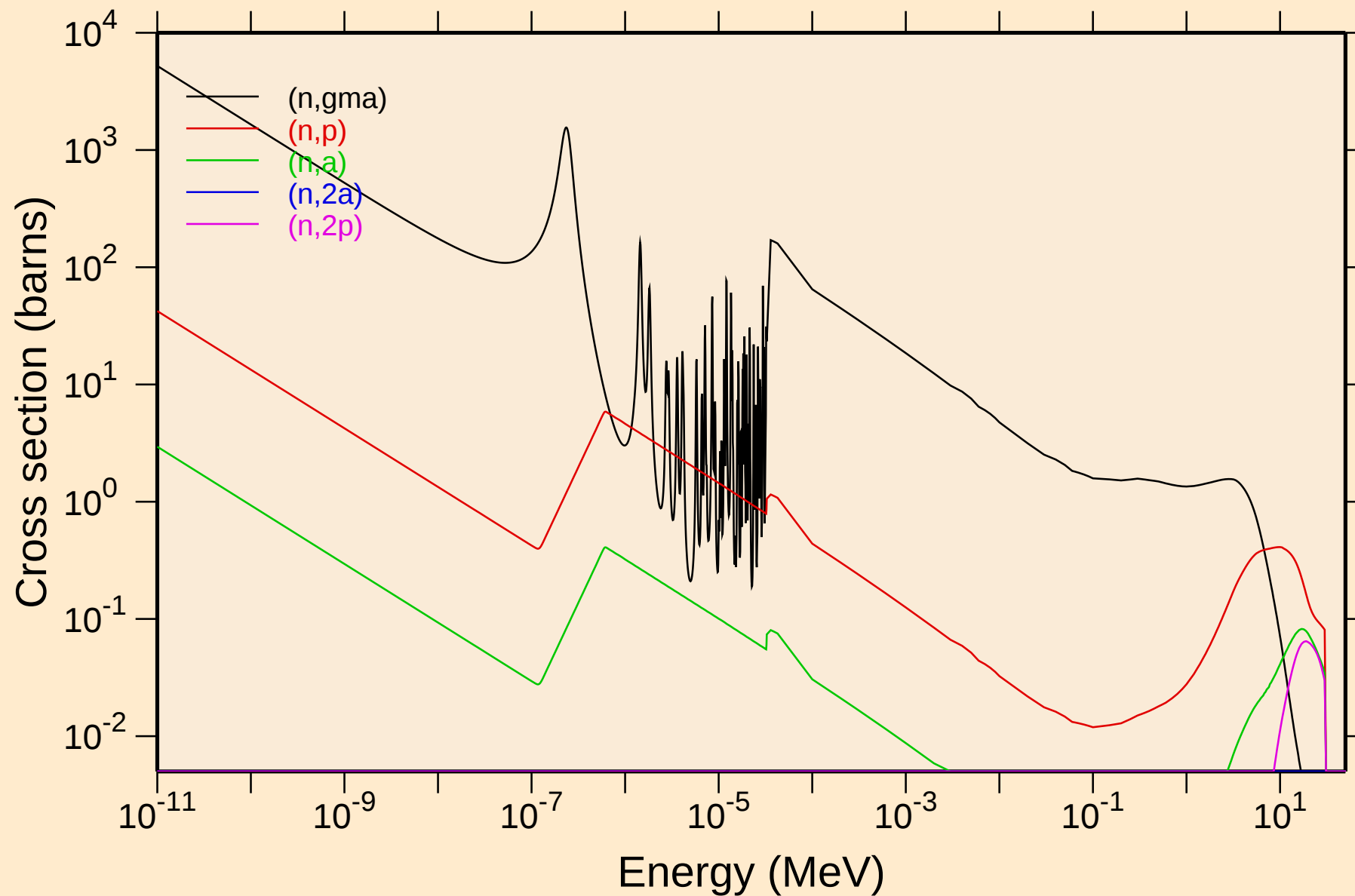


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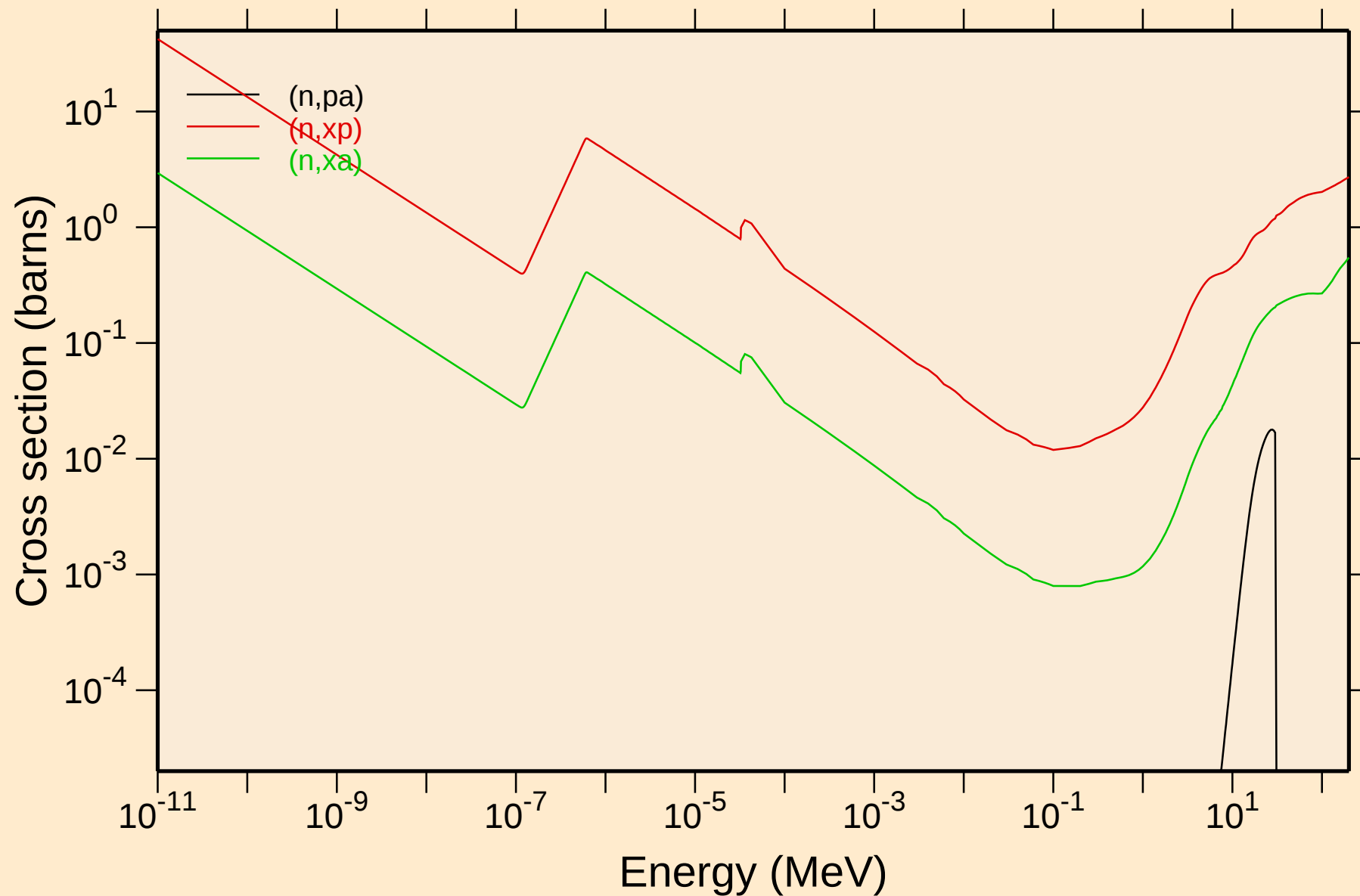
Damage



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

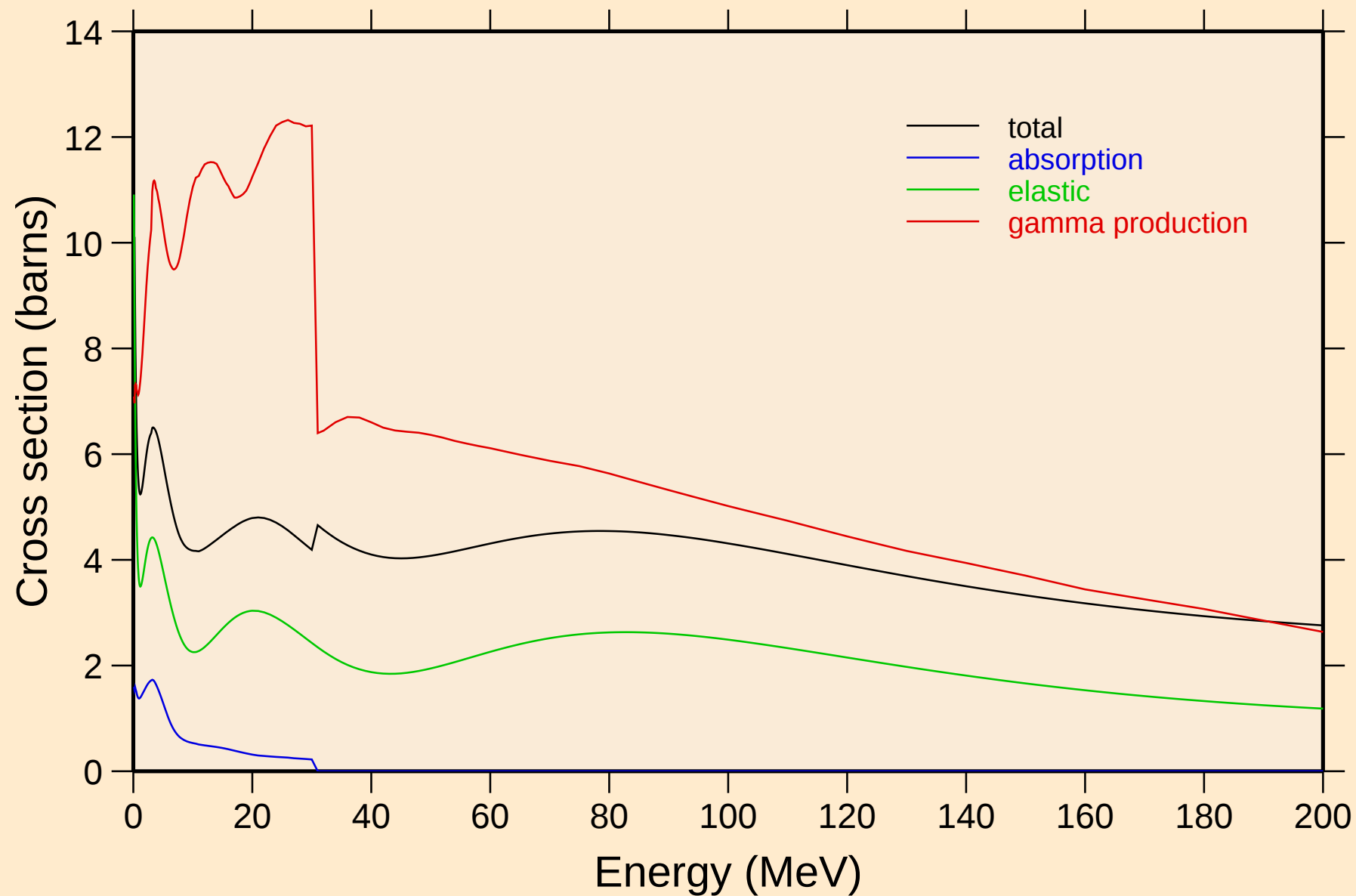


HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



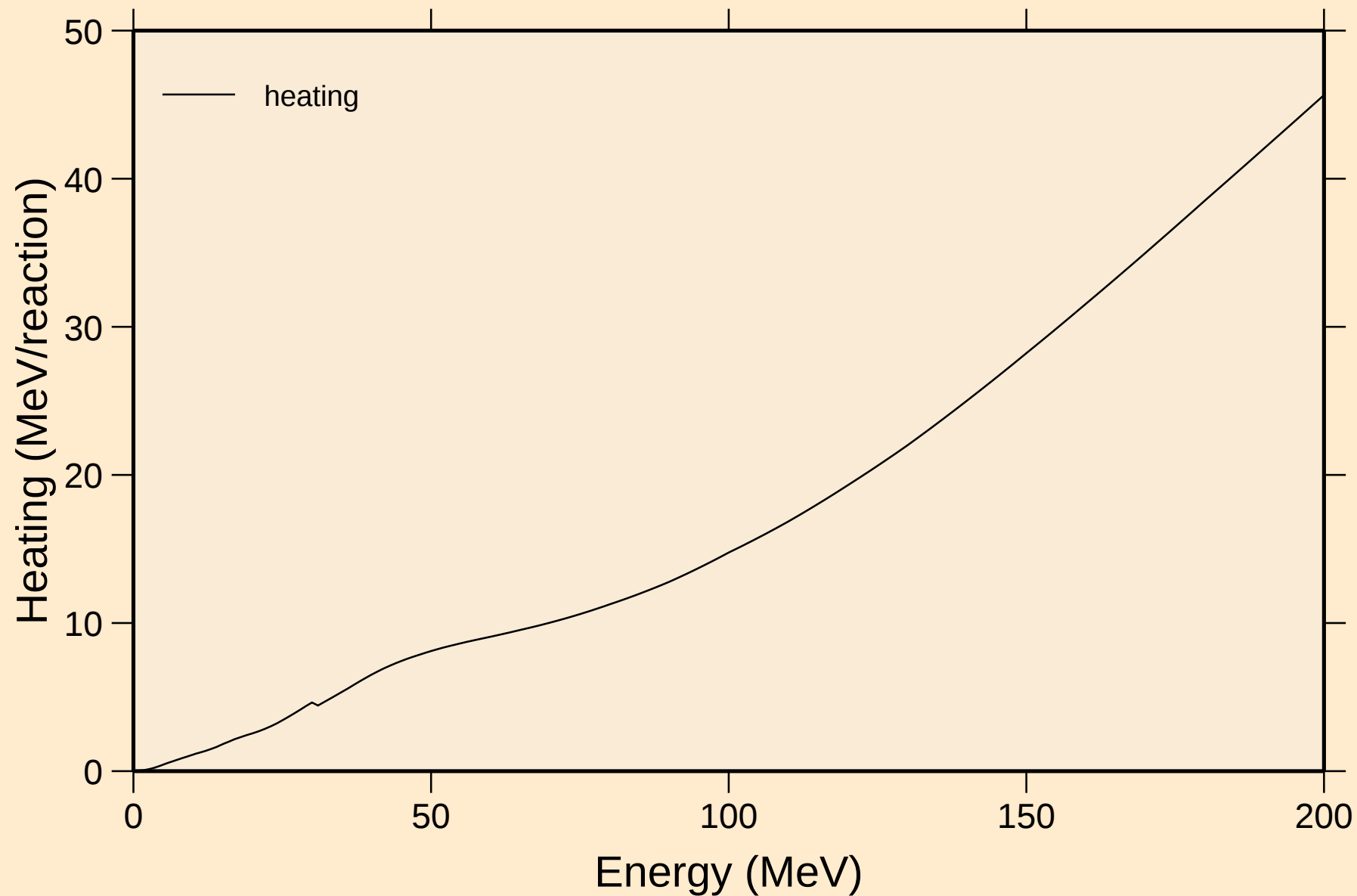
# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



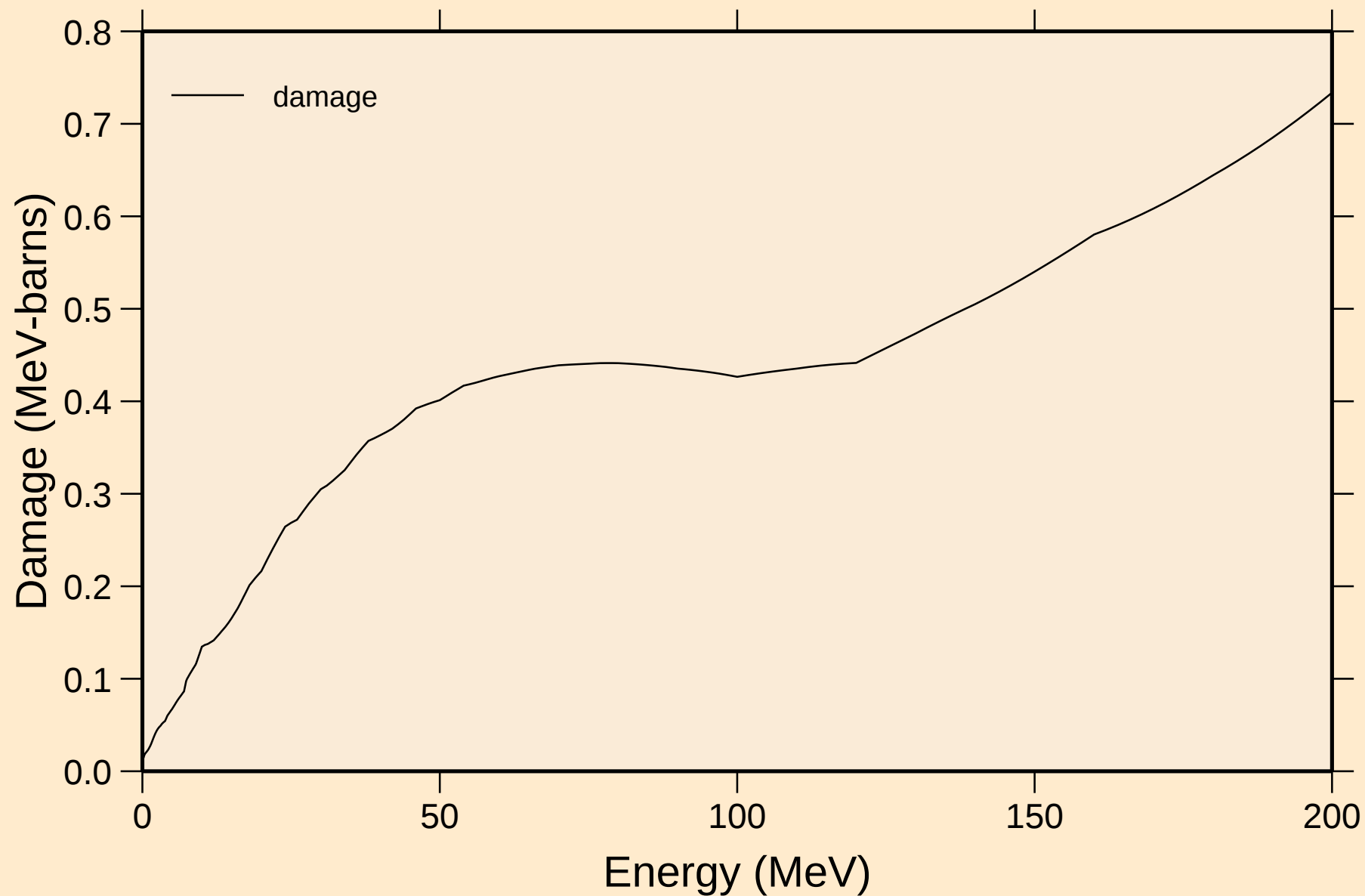
# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

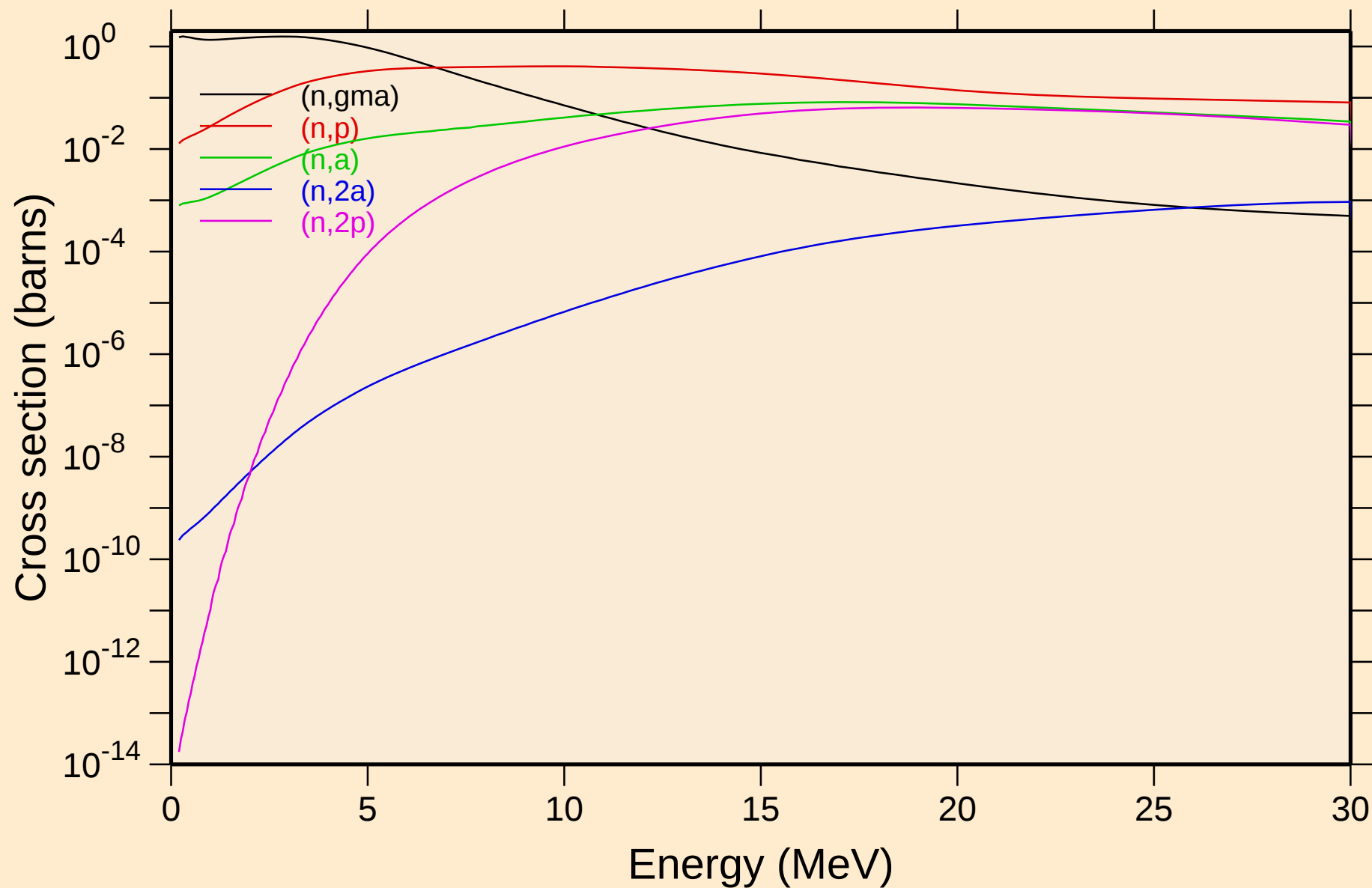


# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

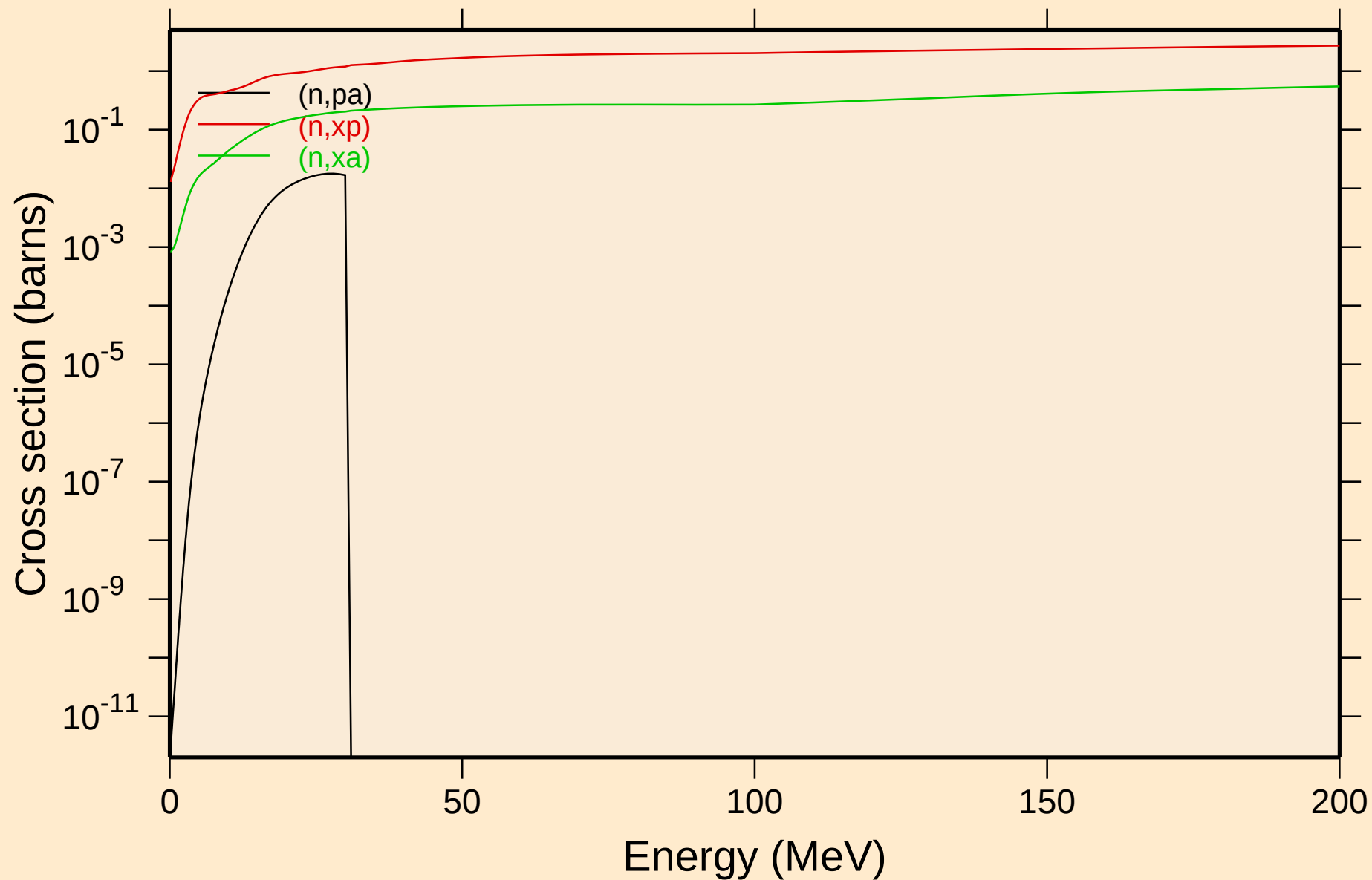
## Damage



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

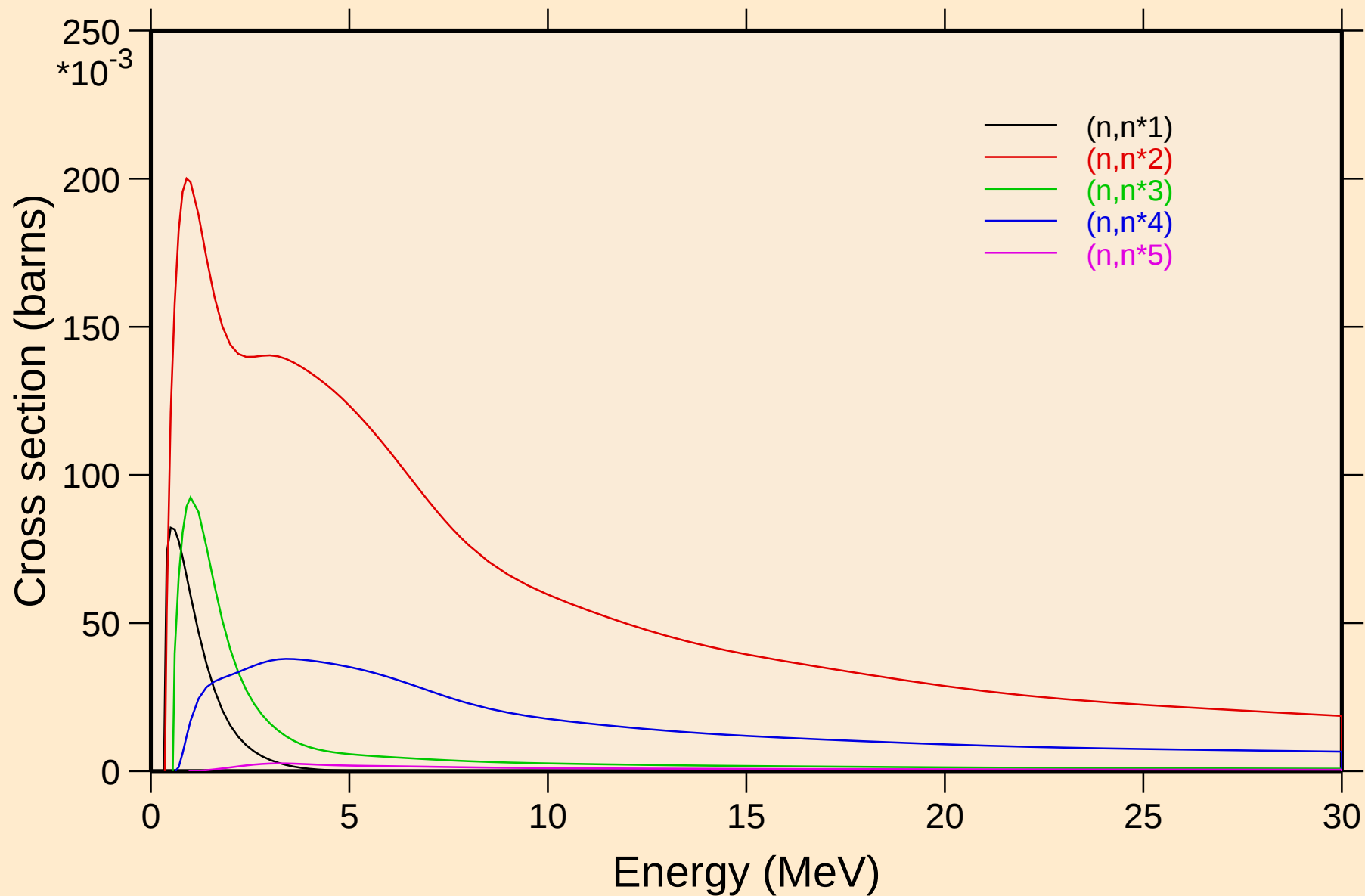


HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

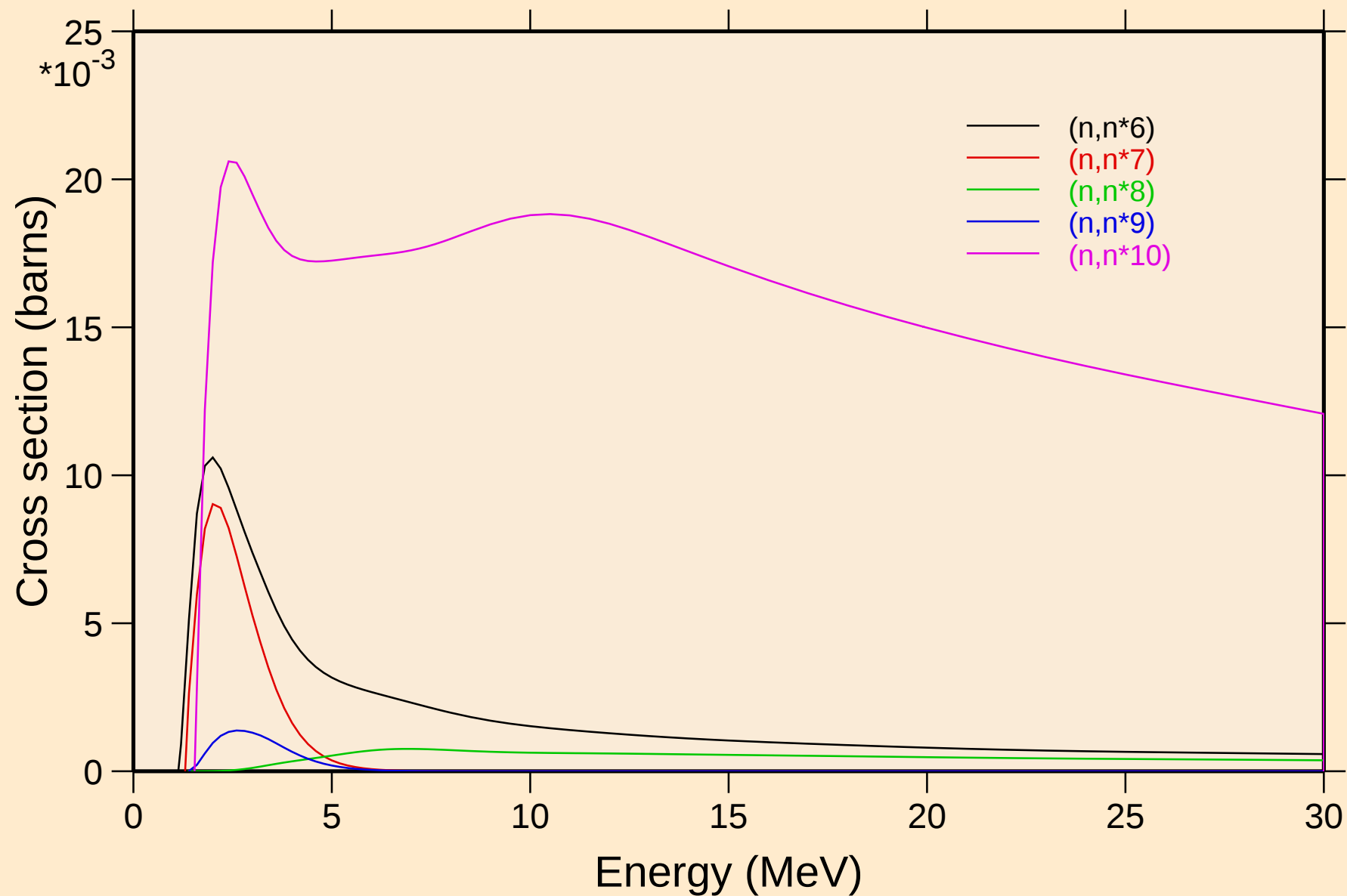


# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

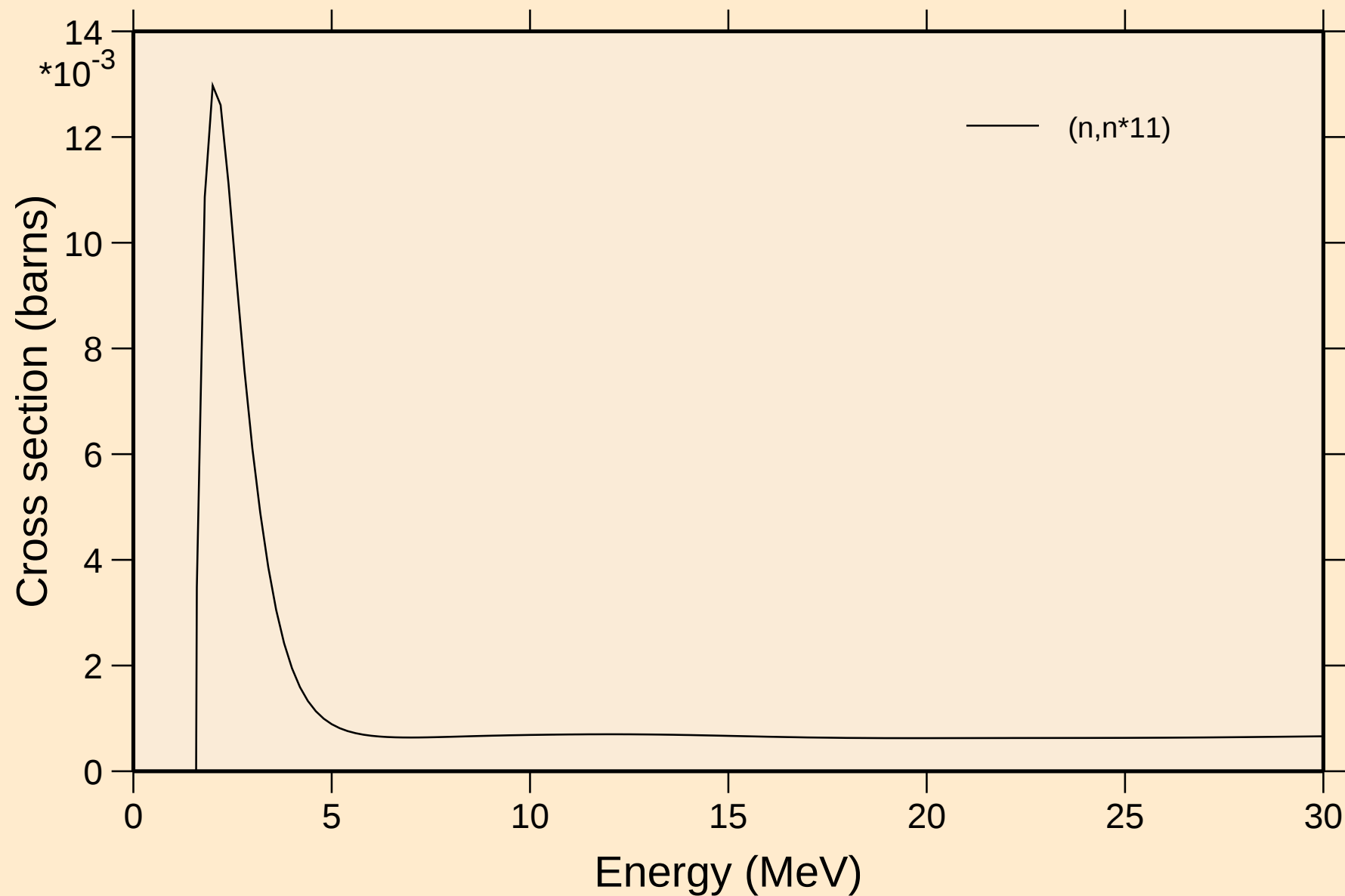


HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

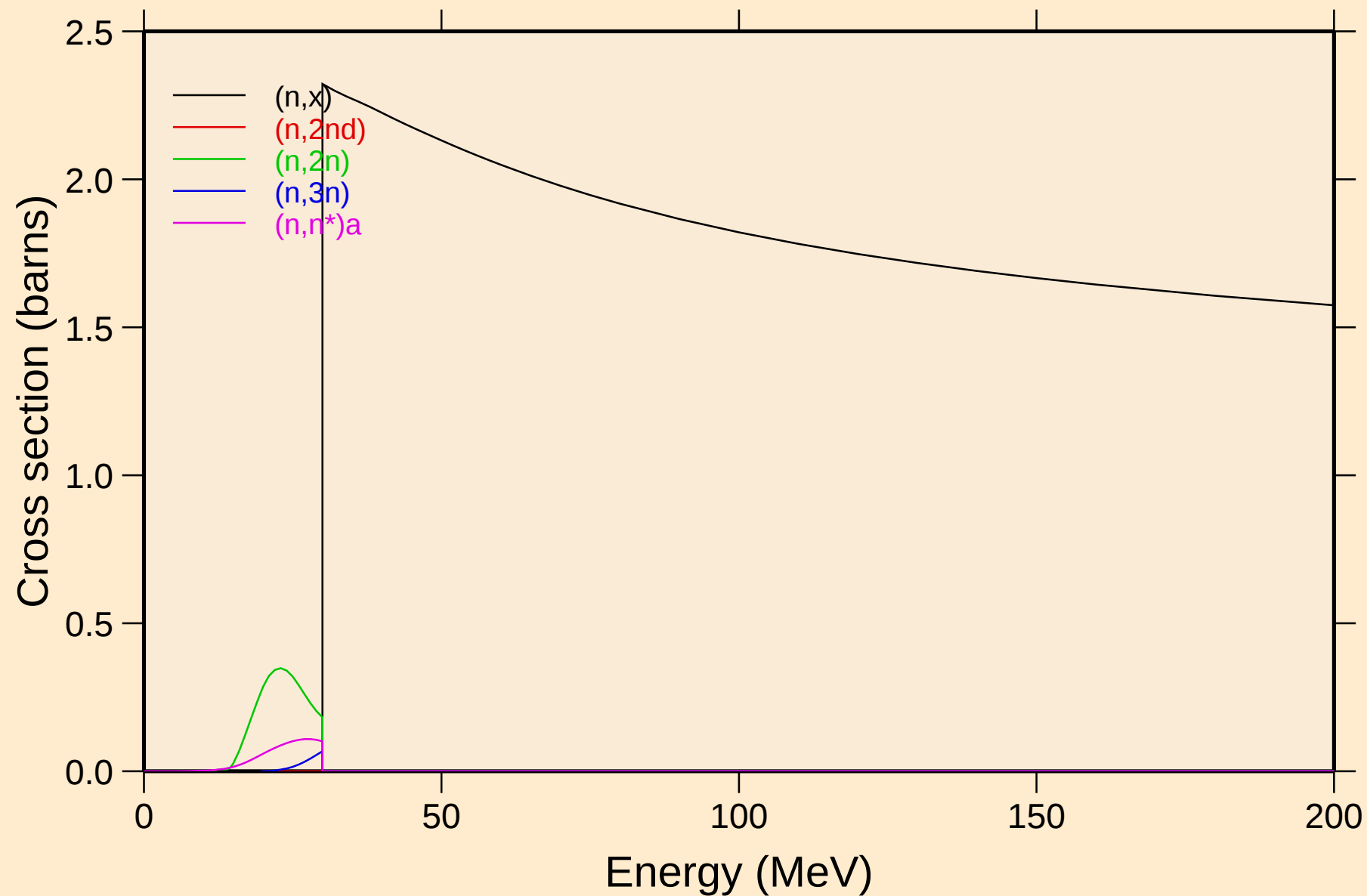


# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

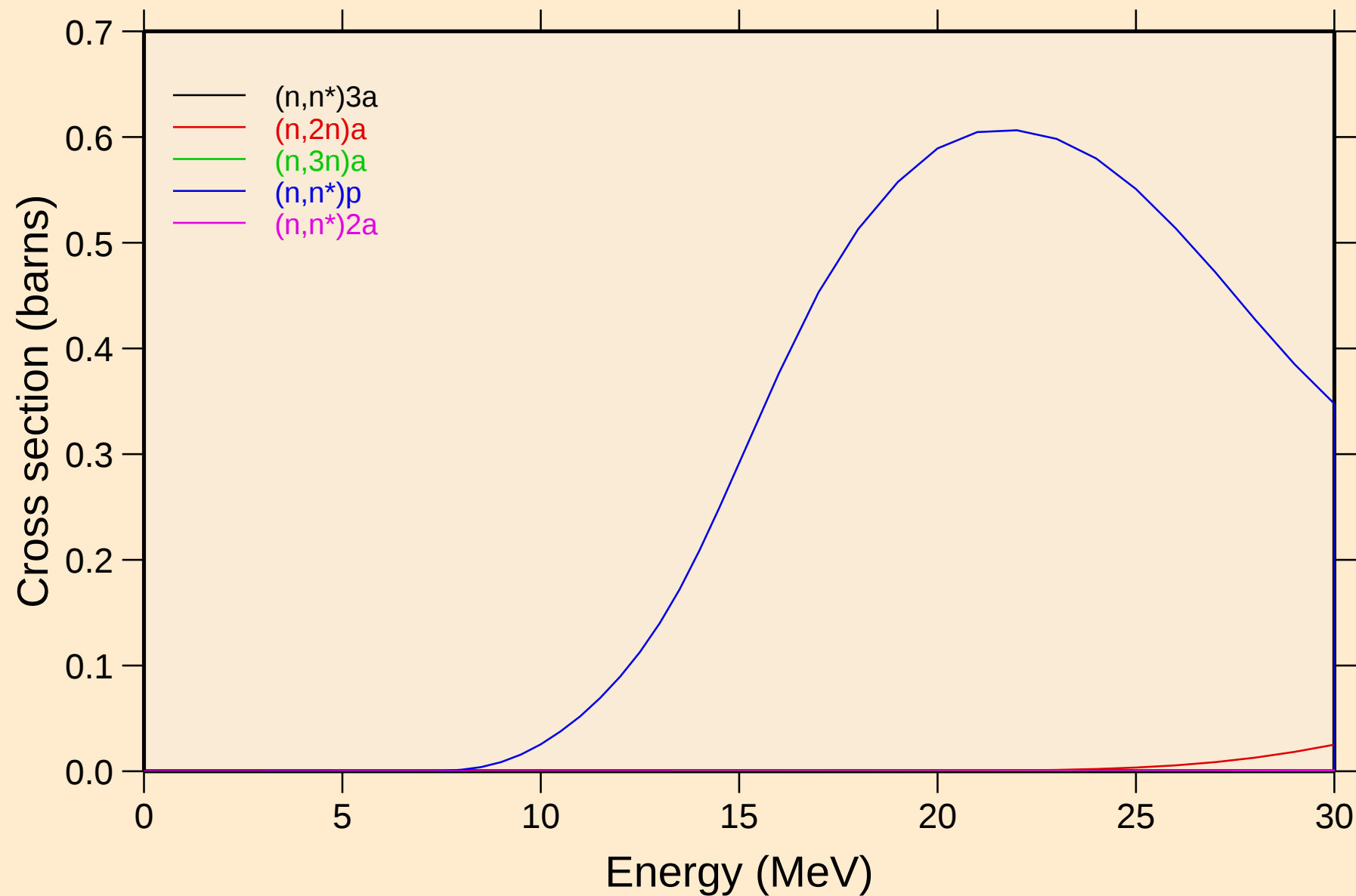
## Inelastic levels



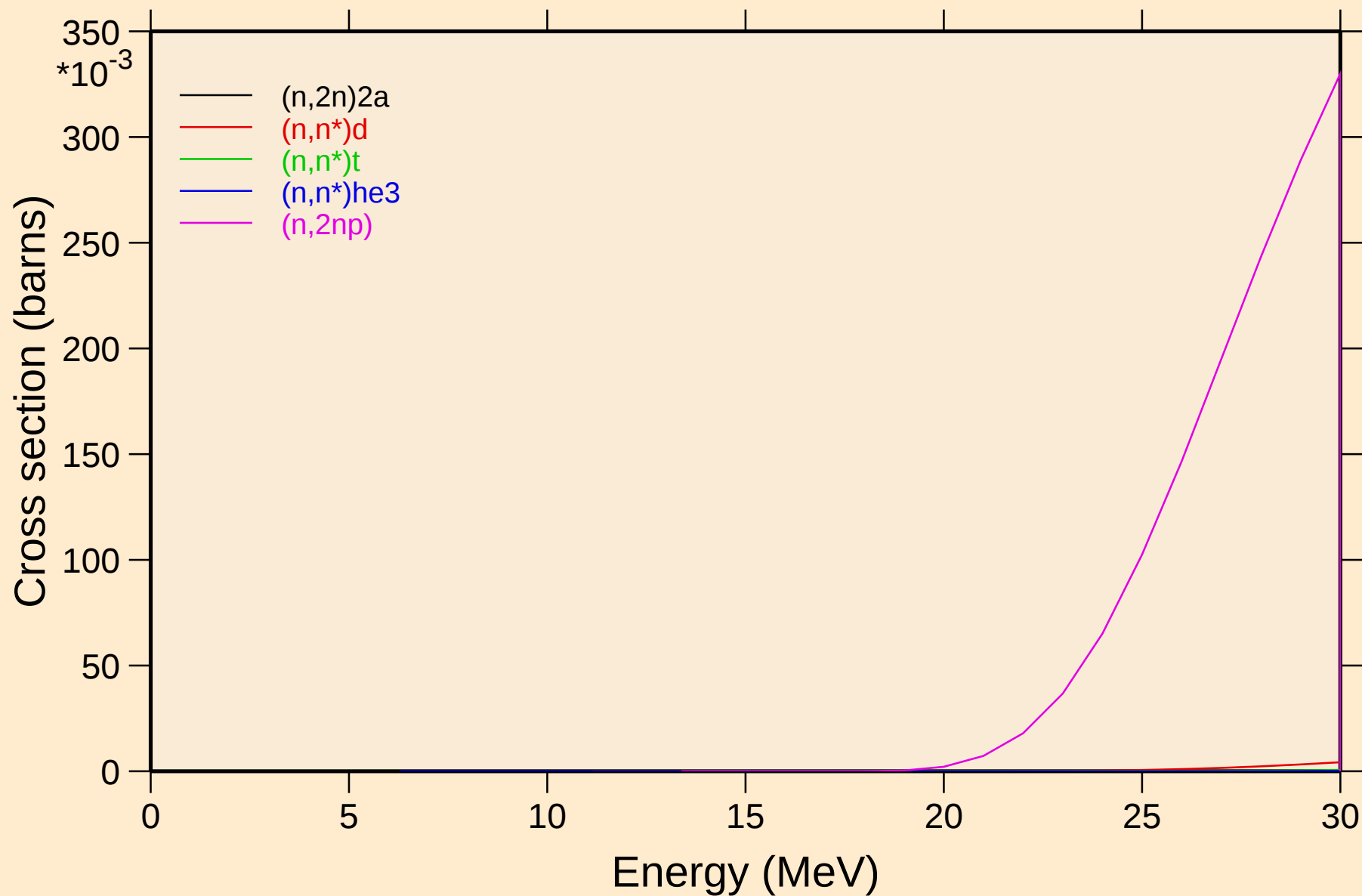
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



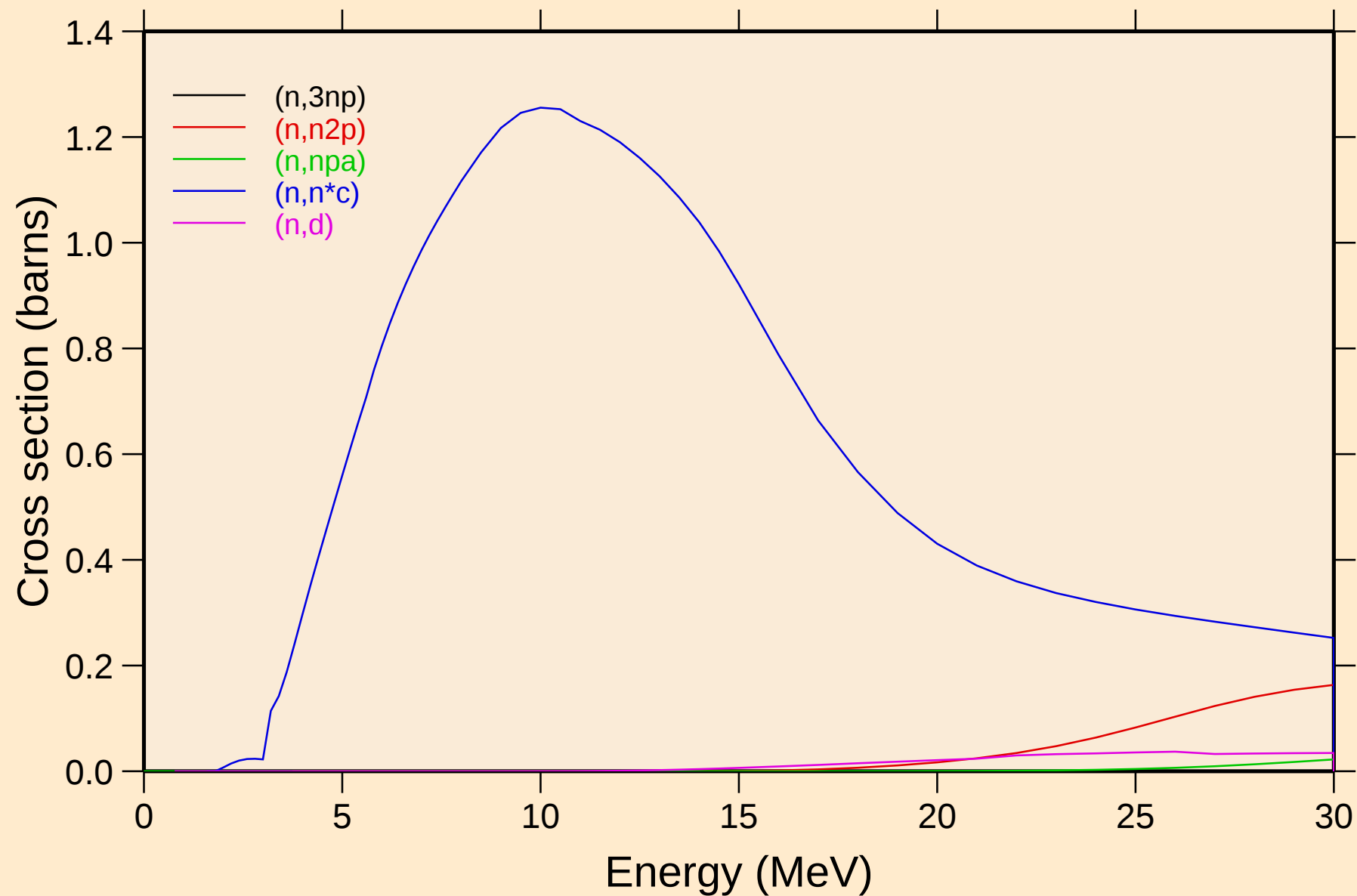
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



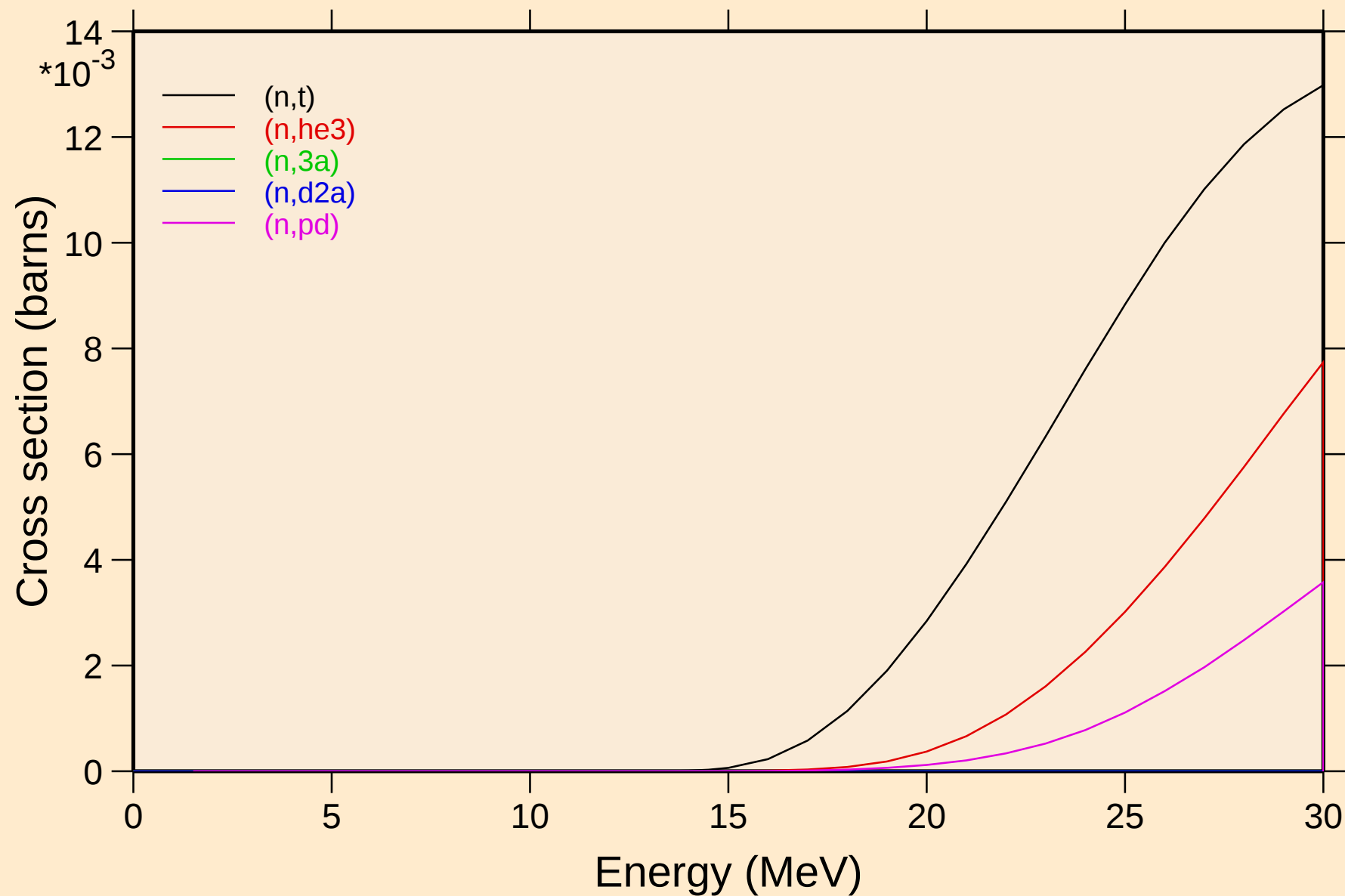
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



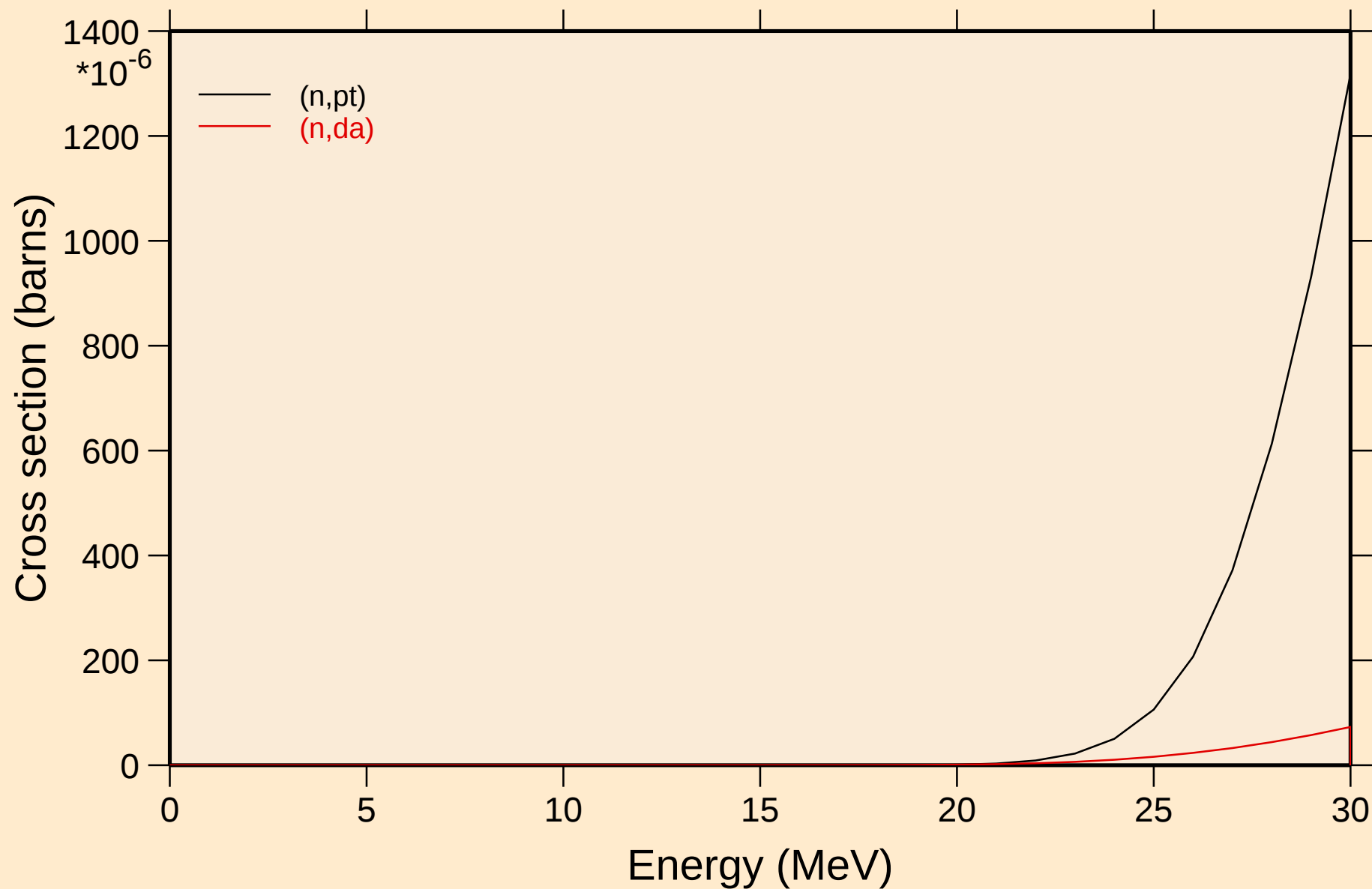
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



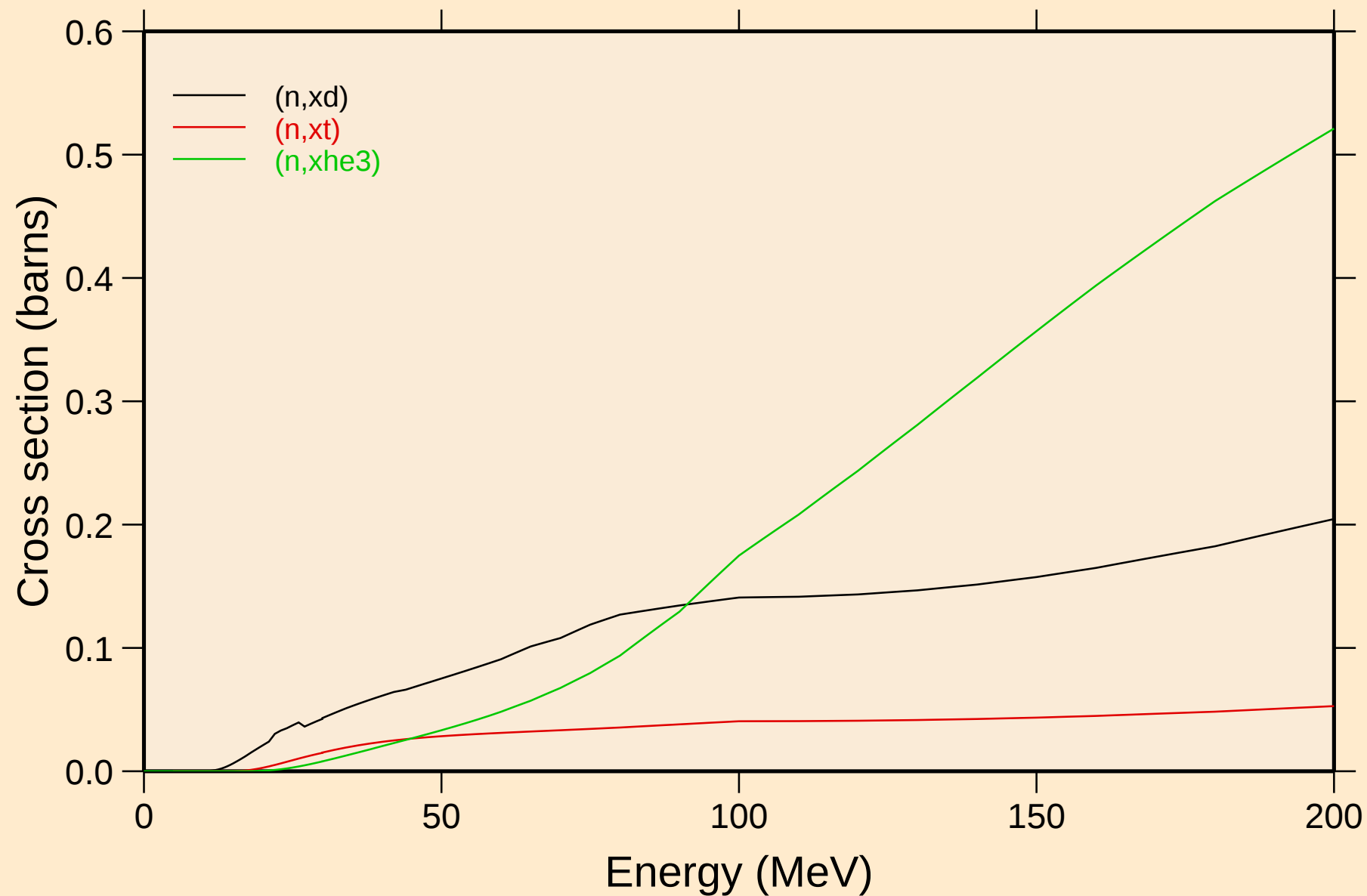
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Threshold reactions



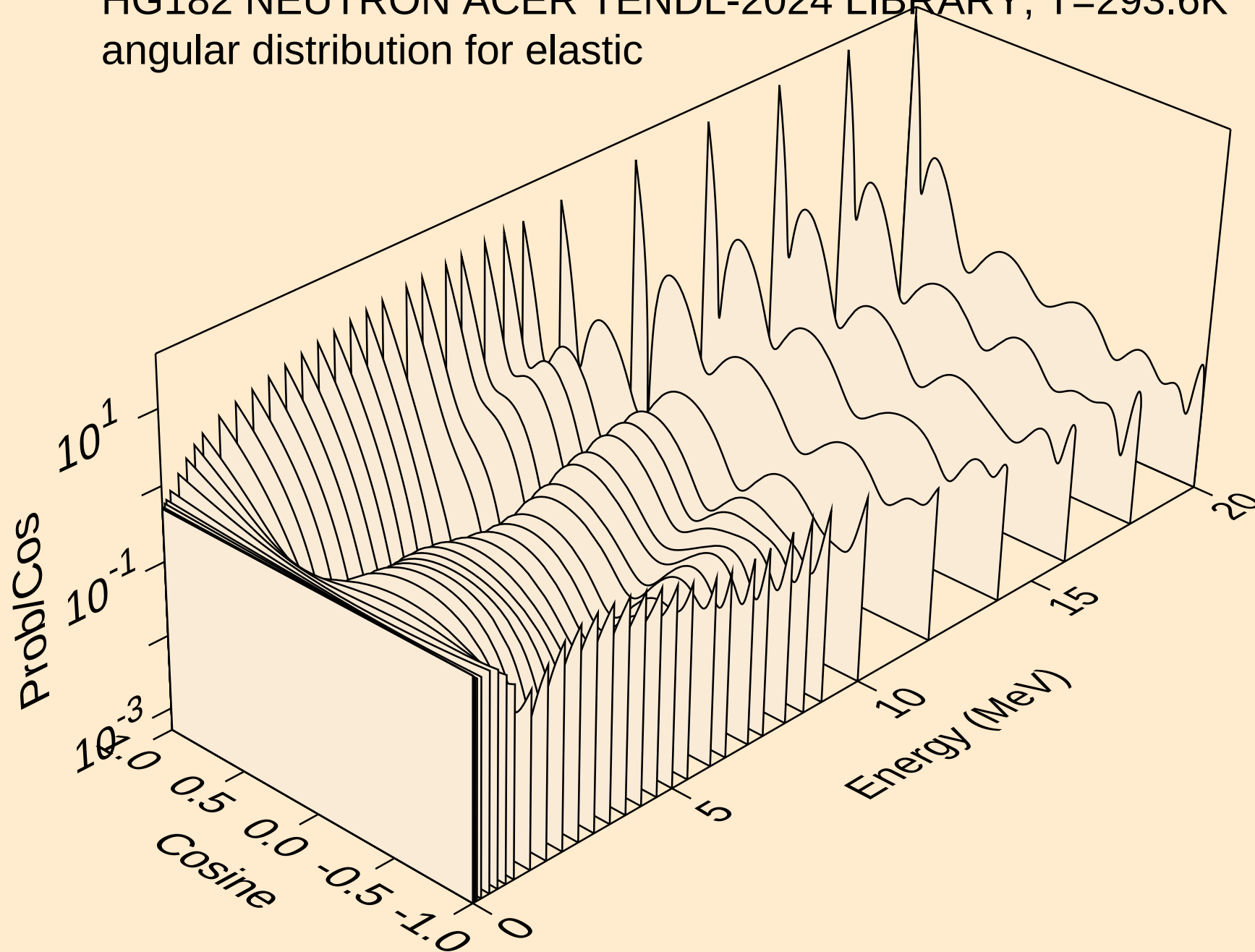
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Threshold reactions



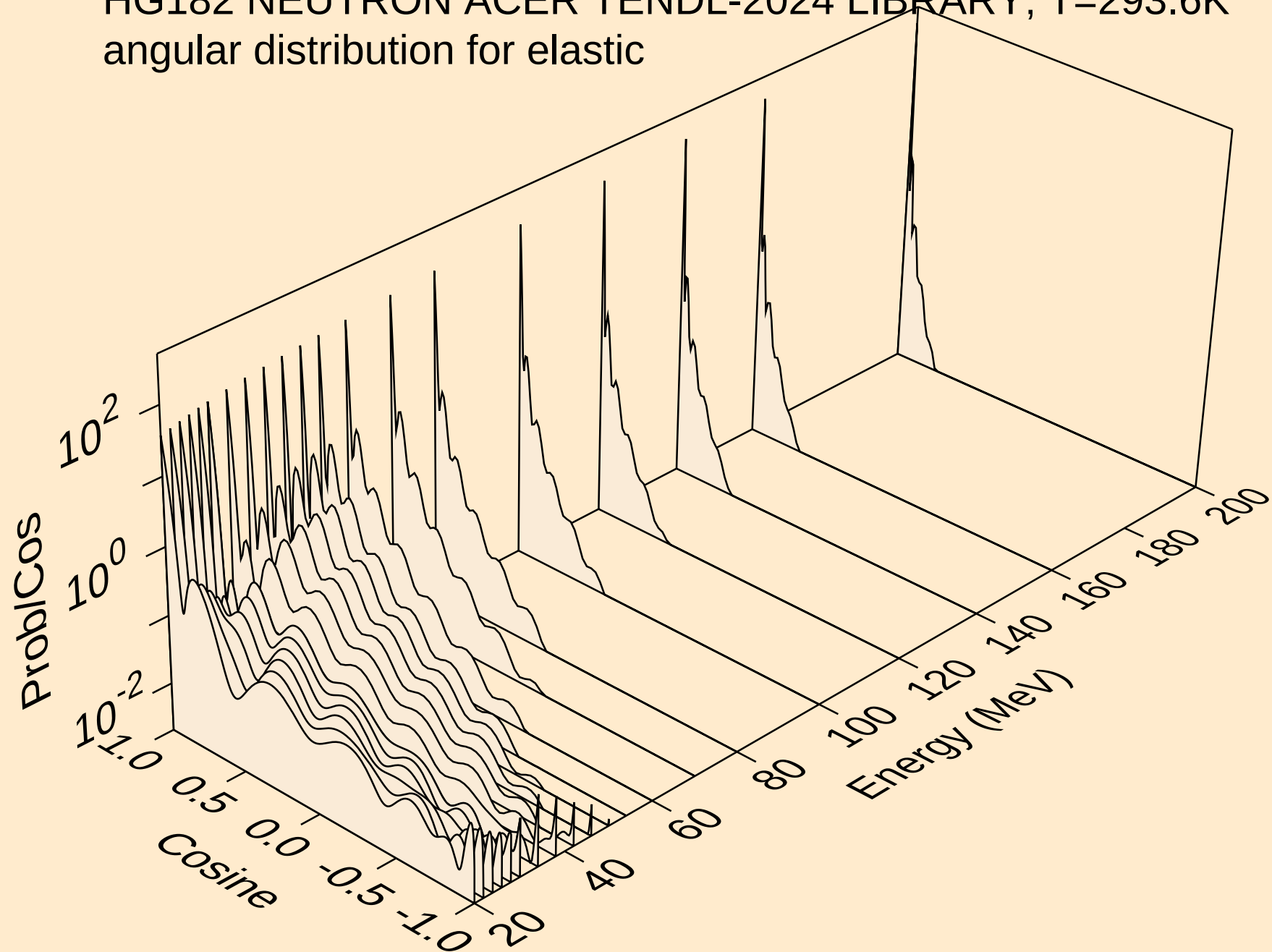
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



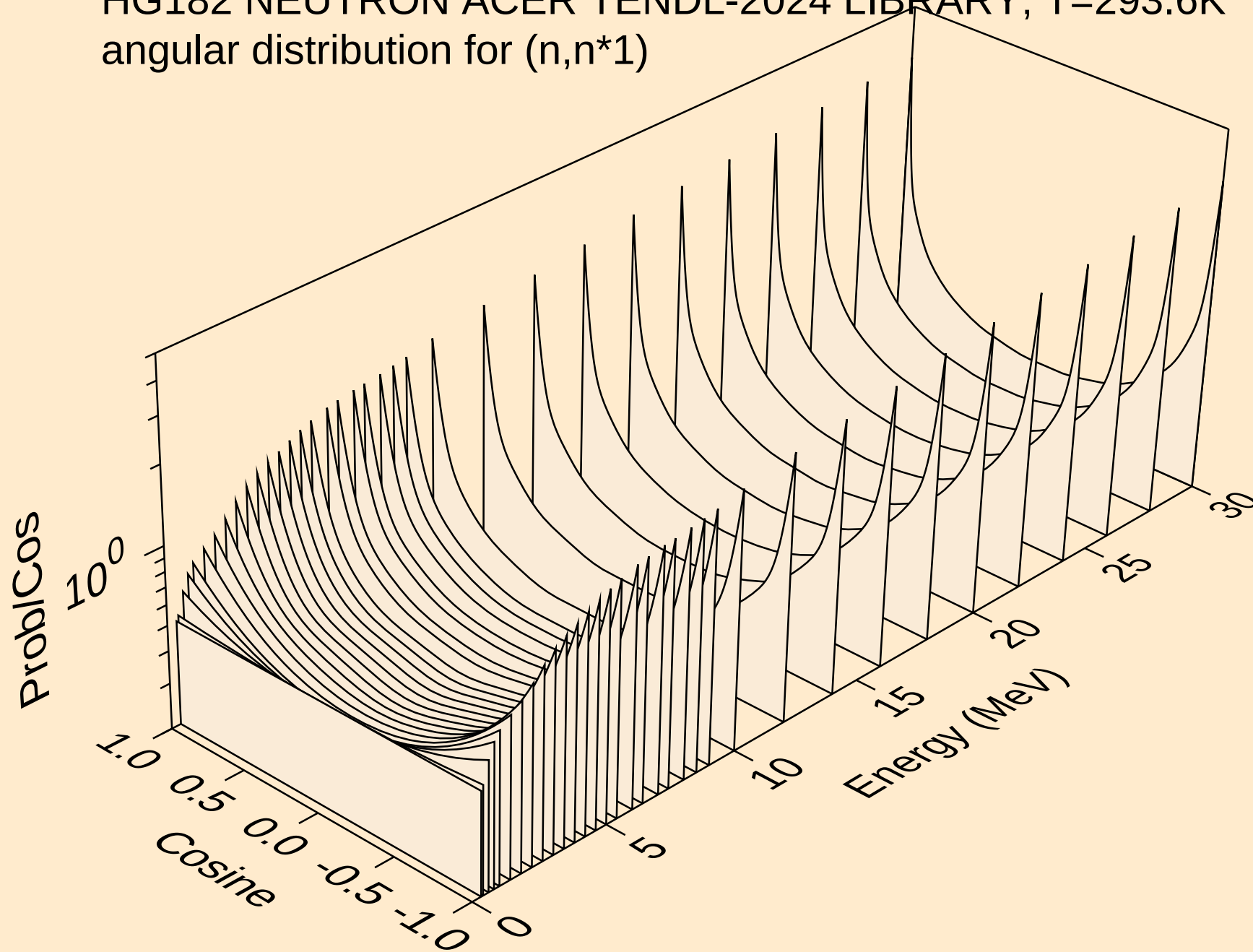
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



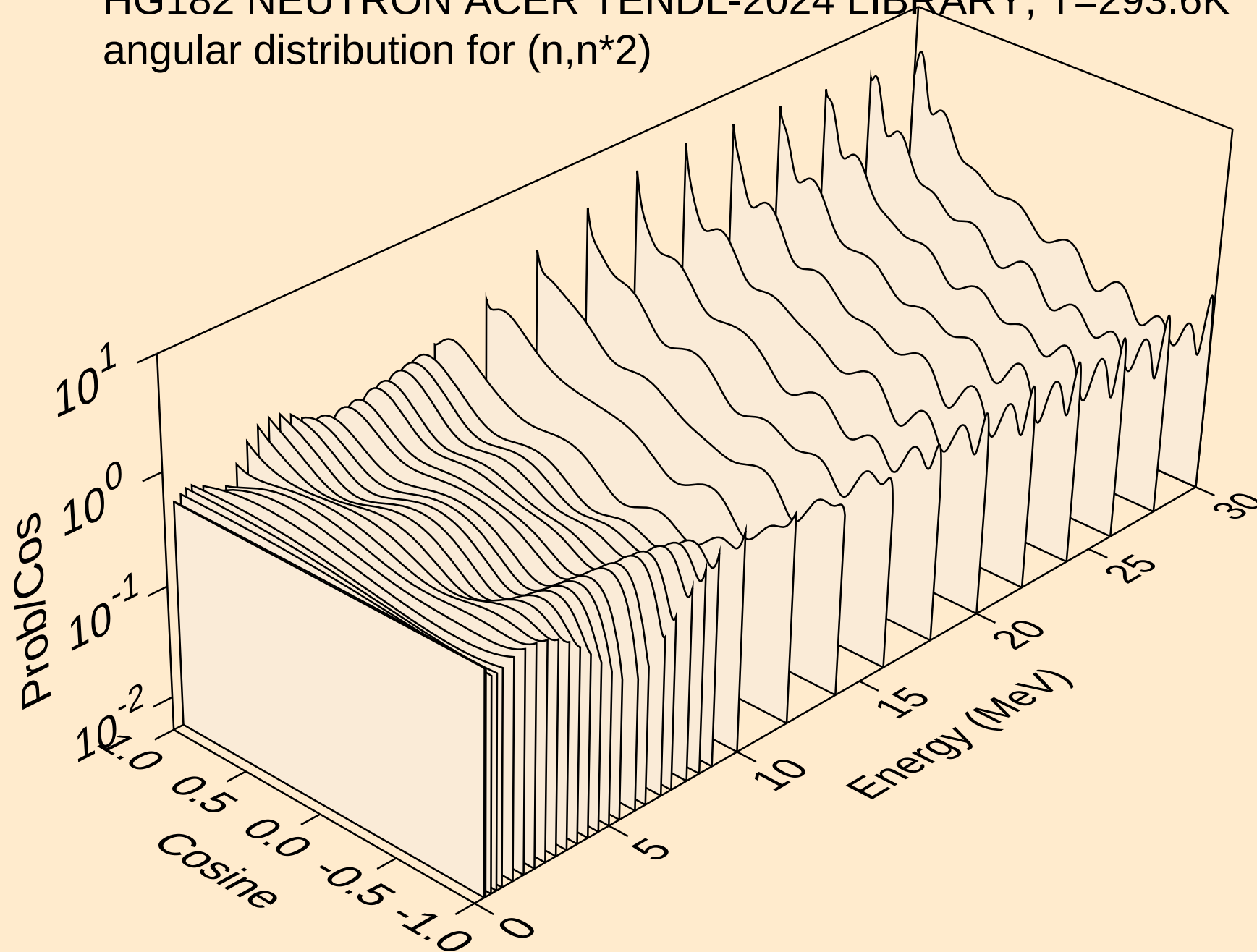
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



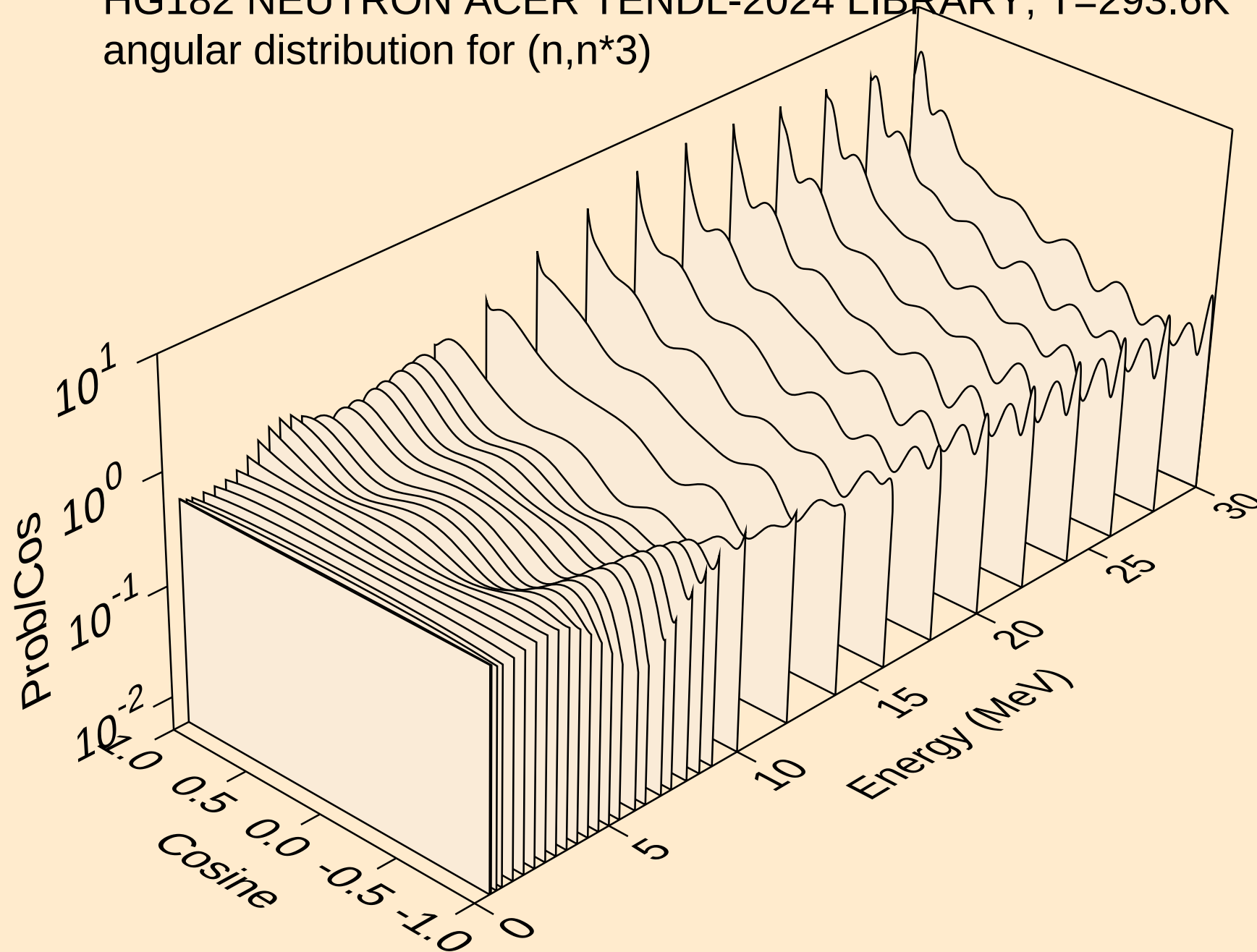
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



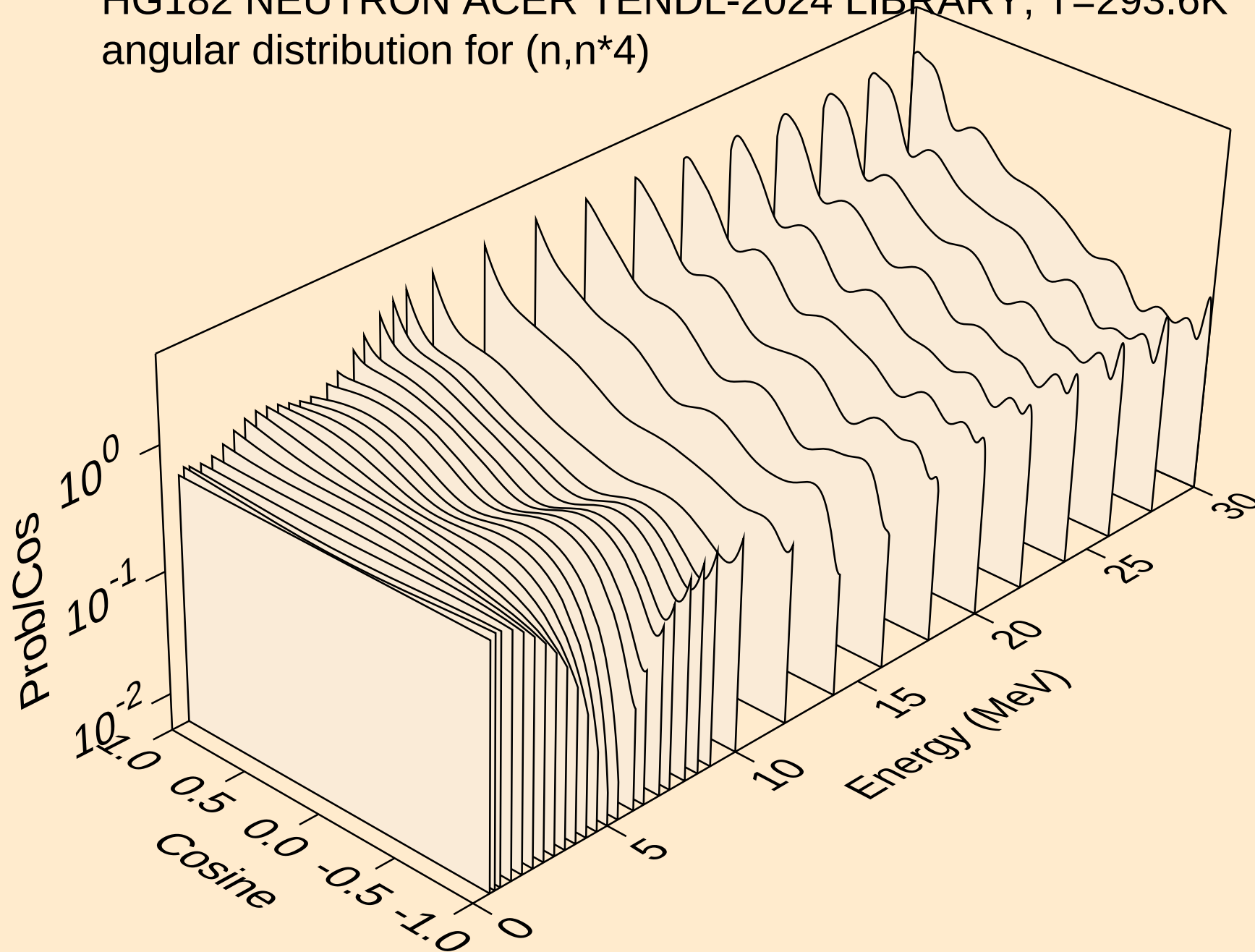
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



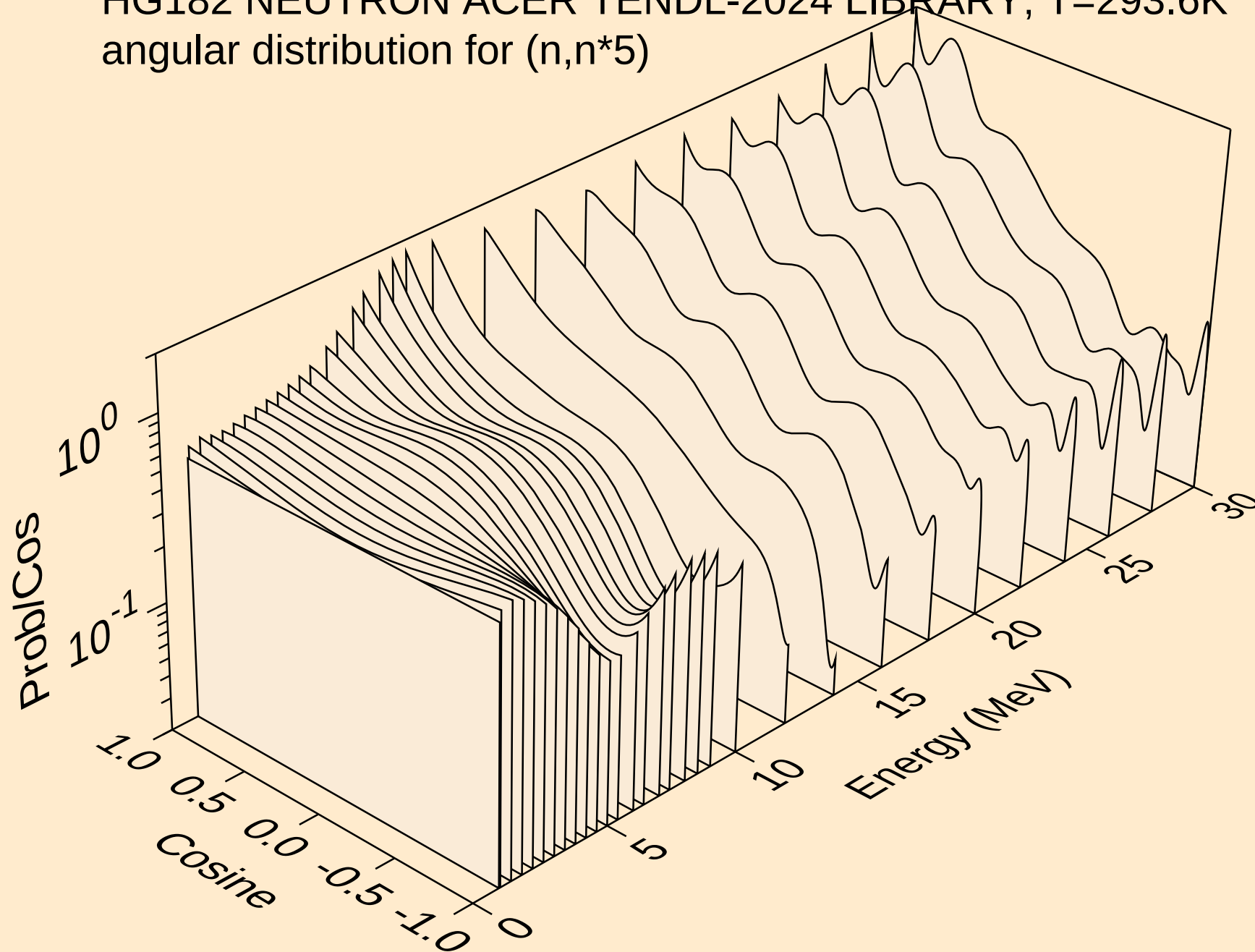
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angular distribution for (n,n\*3)



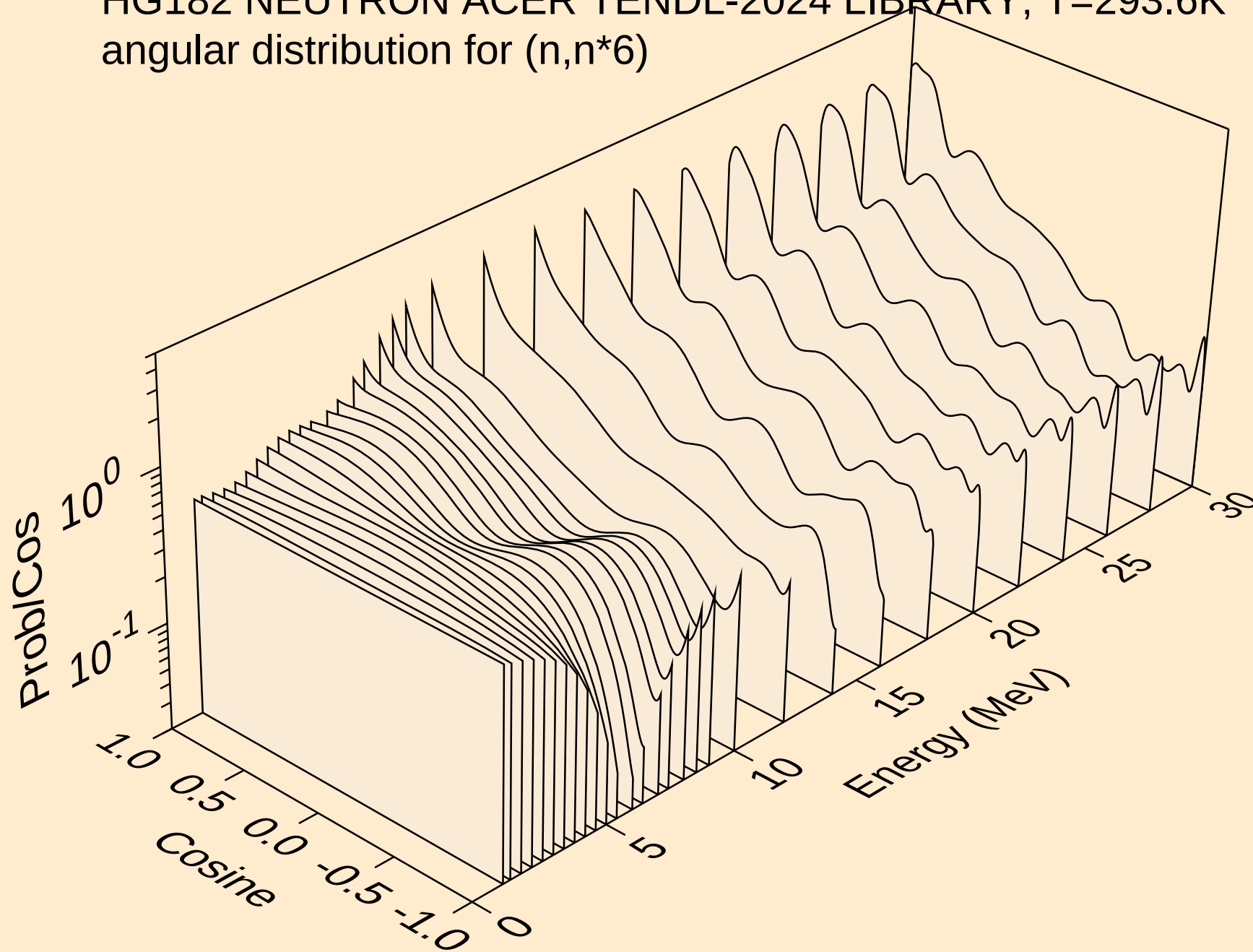
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angular distribution for (n,n\*4)



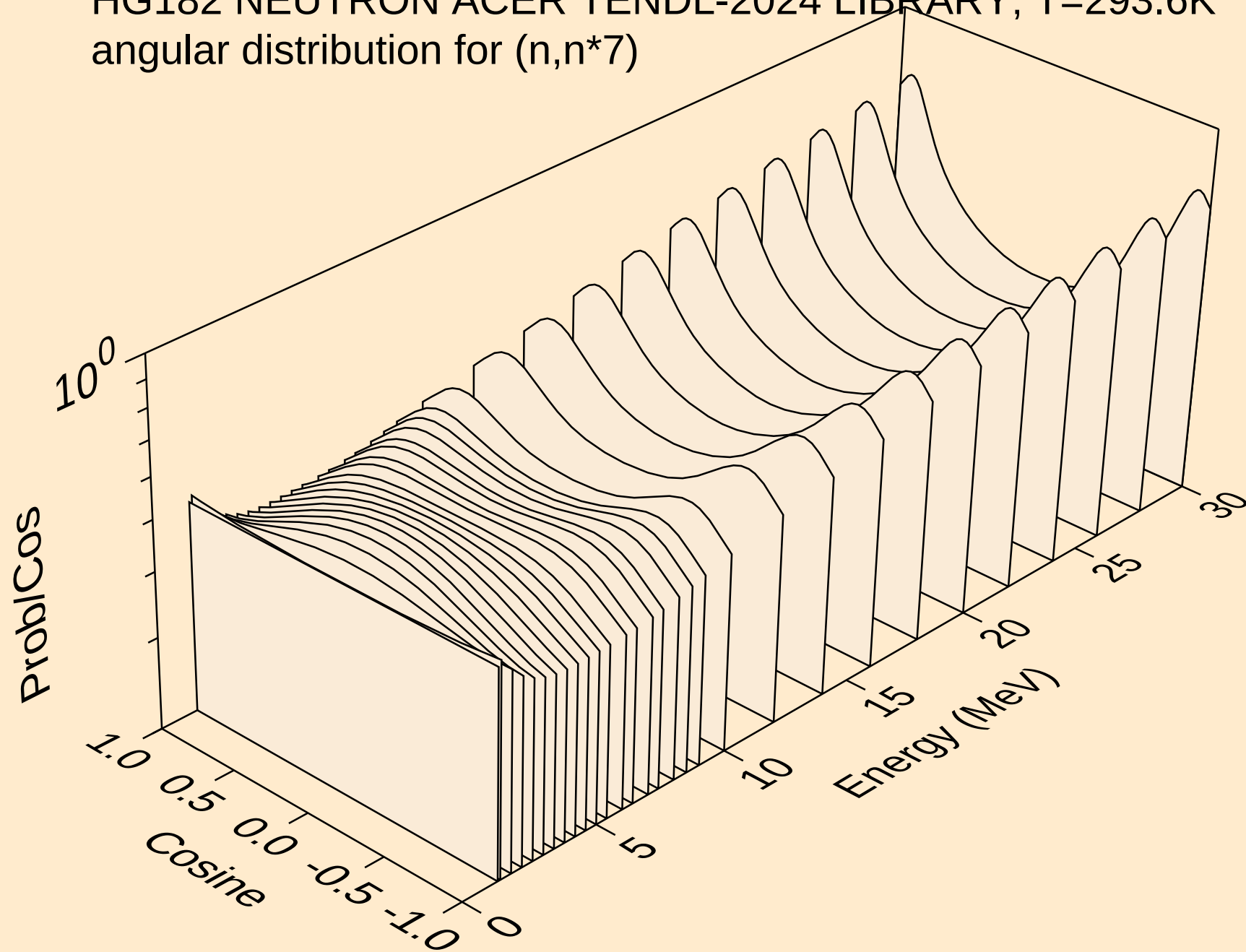
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angular distribution for (n,n\*5)



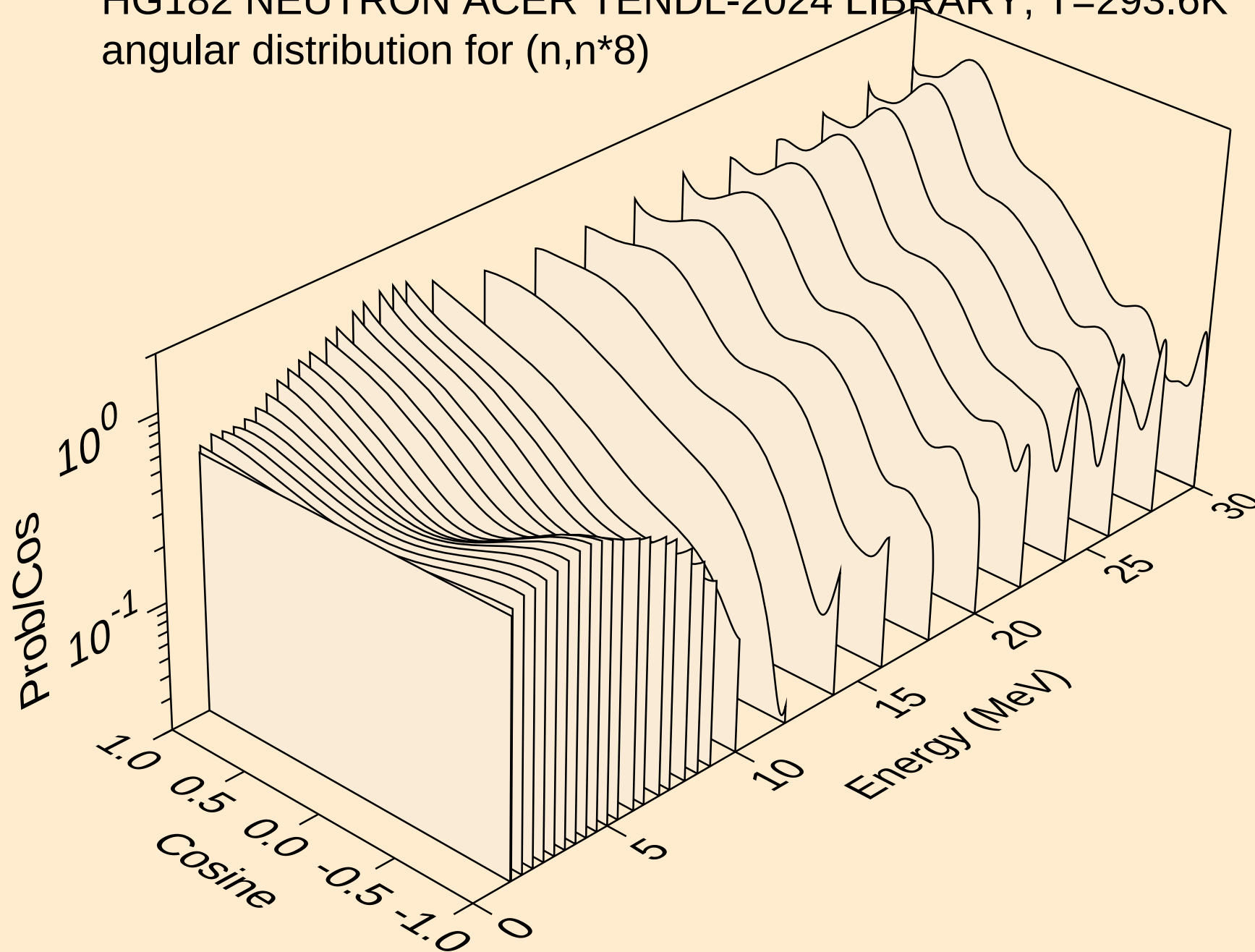
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angular distribution for (n,n\*6)



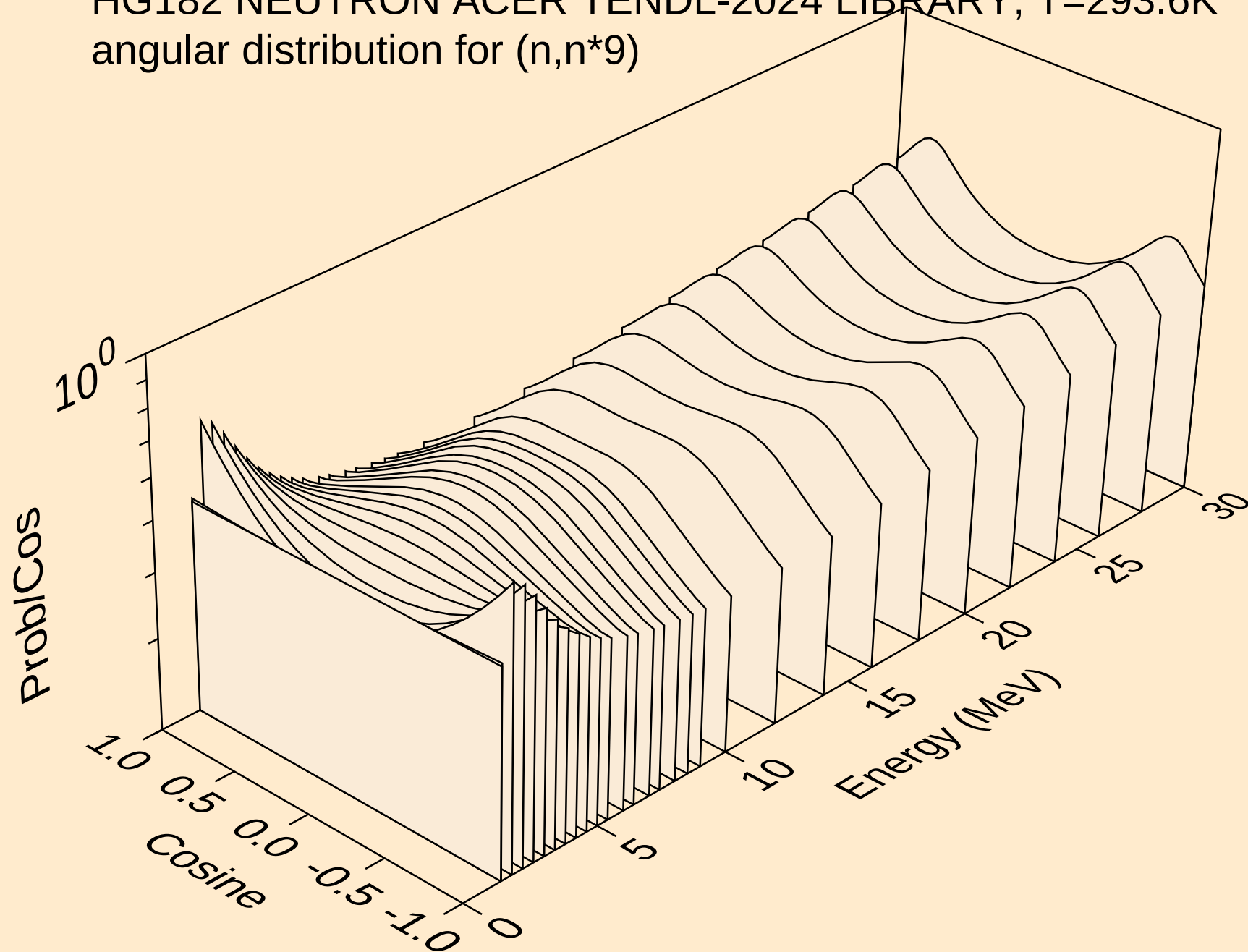
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angular distribution for (n,n\*7)



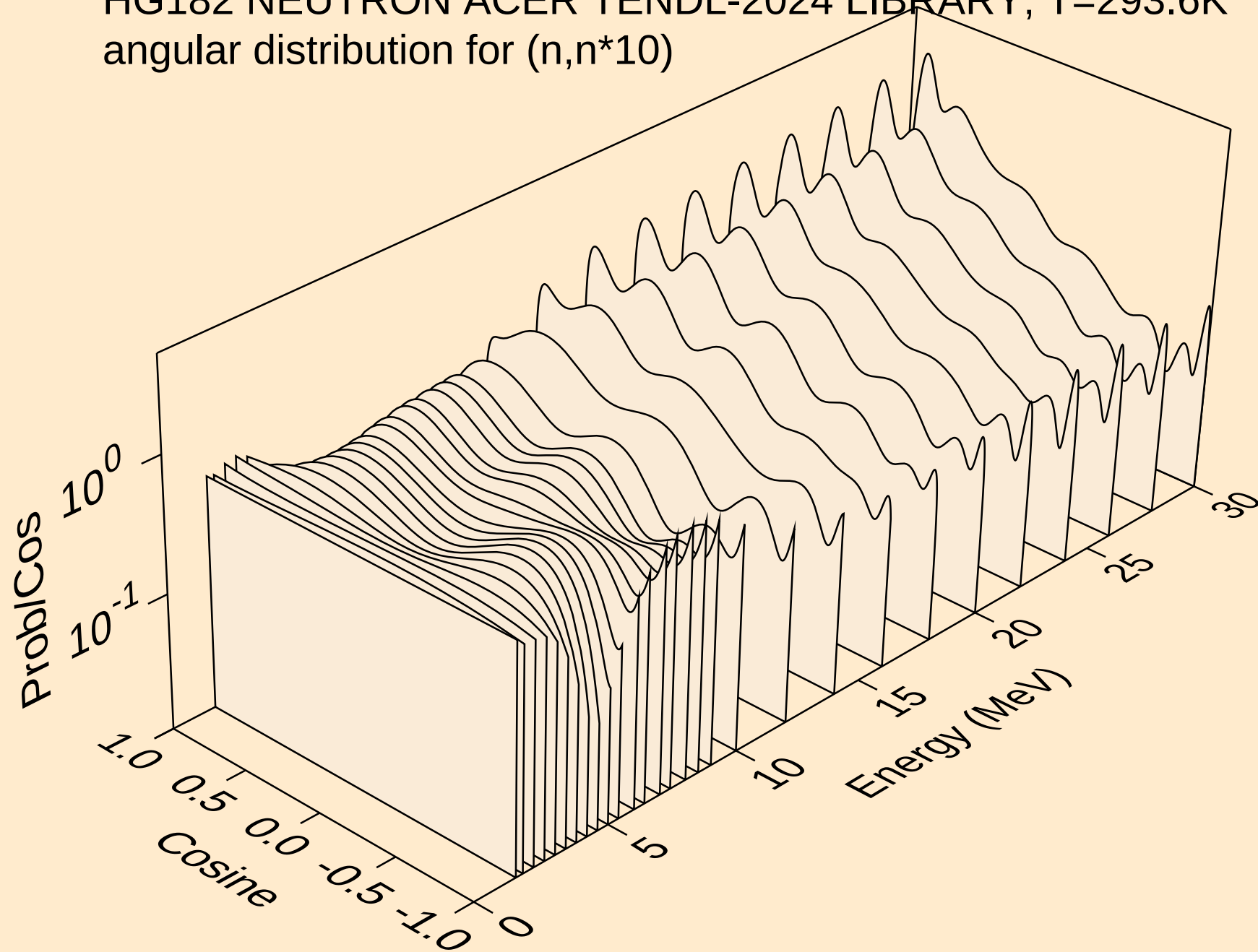
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angular distribution for (n,n\*8)



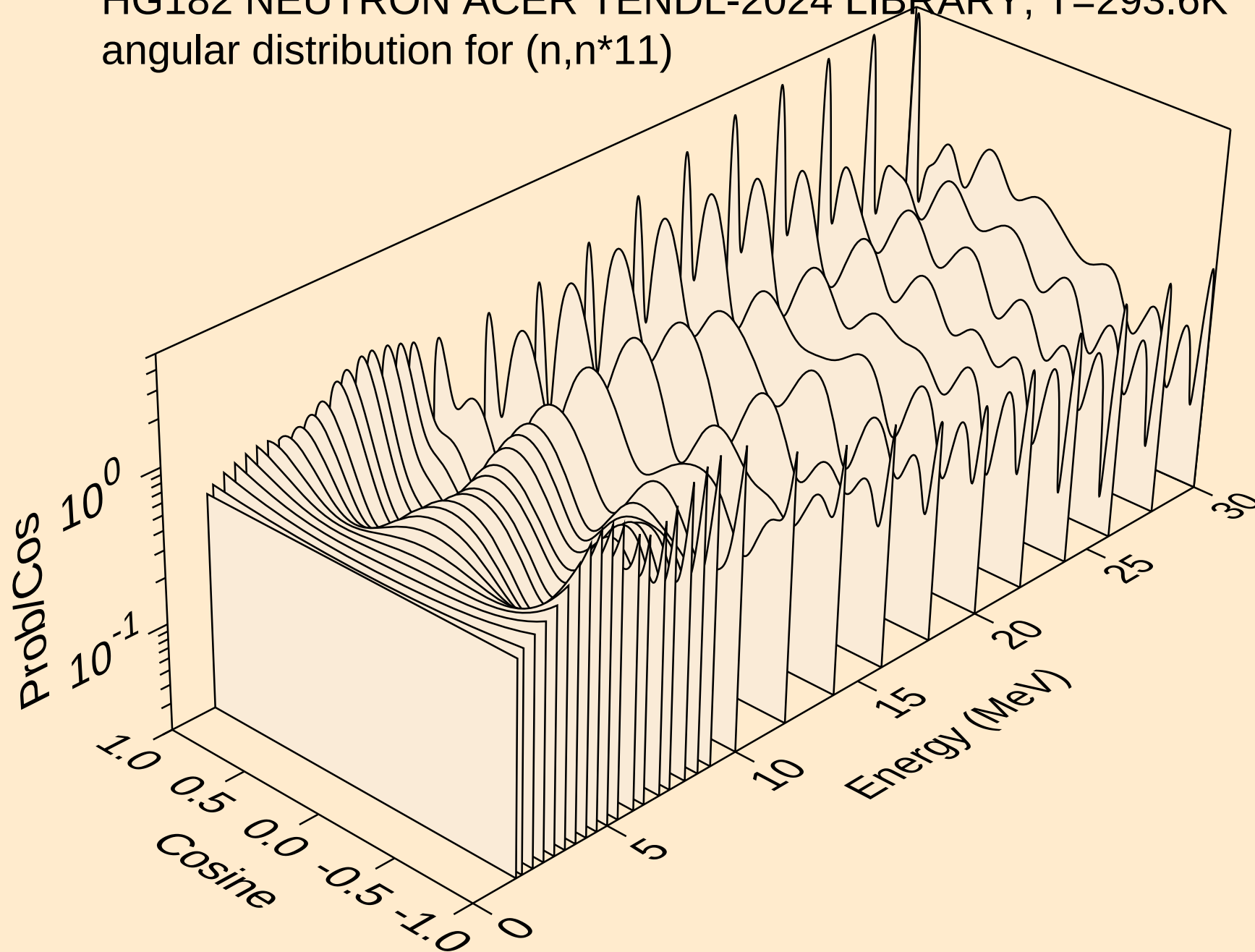
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angular distribution for (n,n\*9)



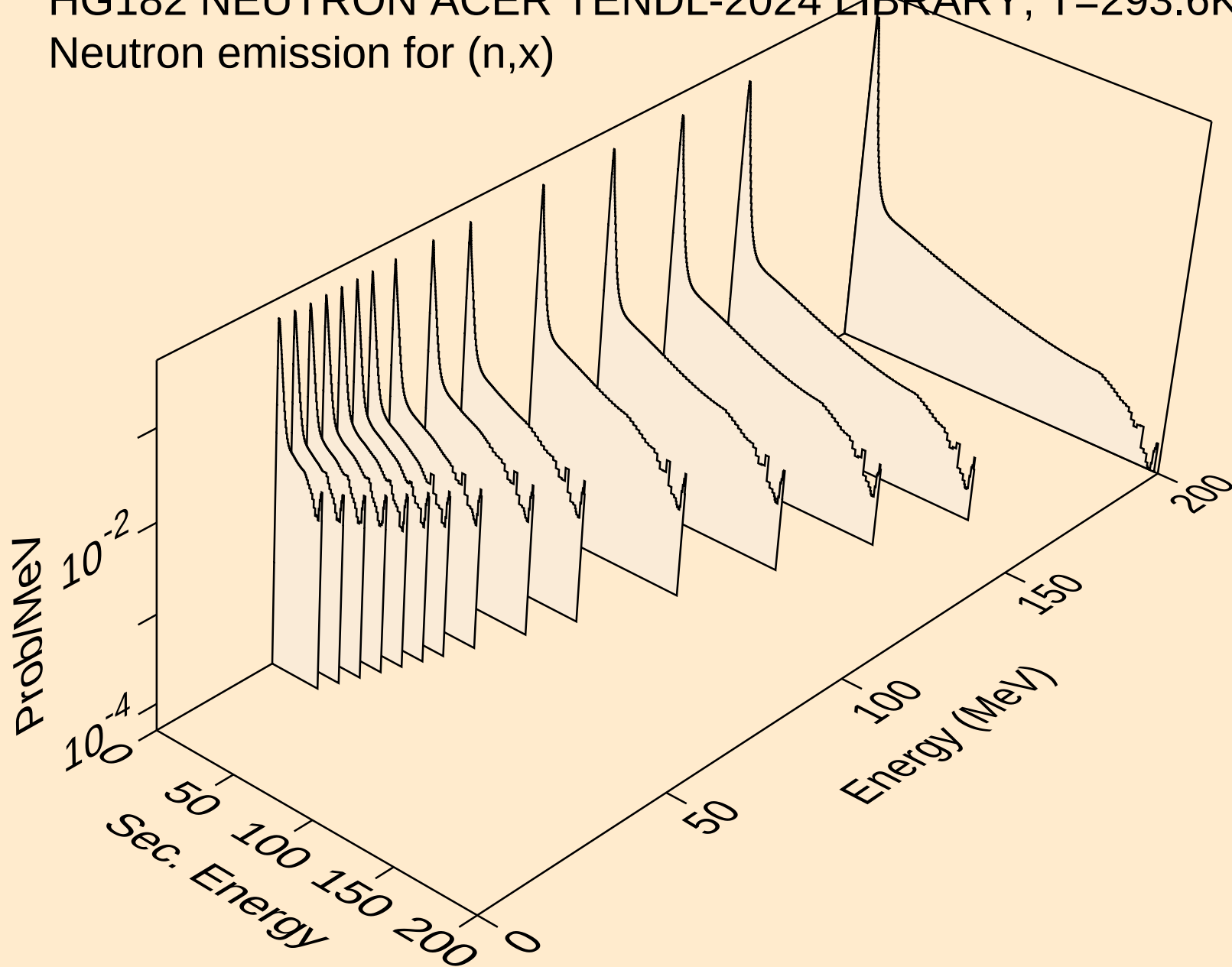
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angular distribution for (n,n\*10)



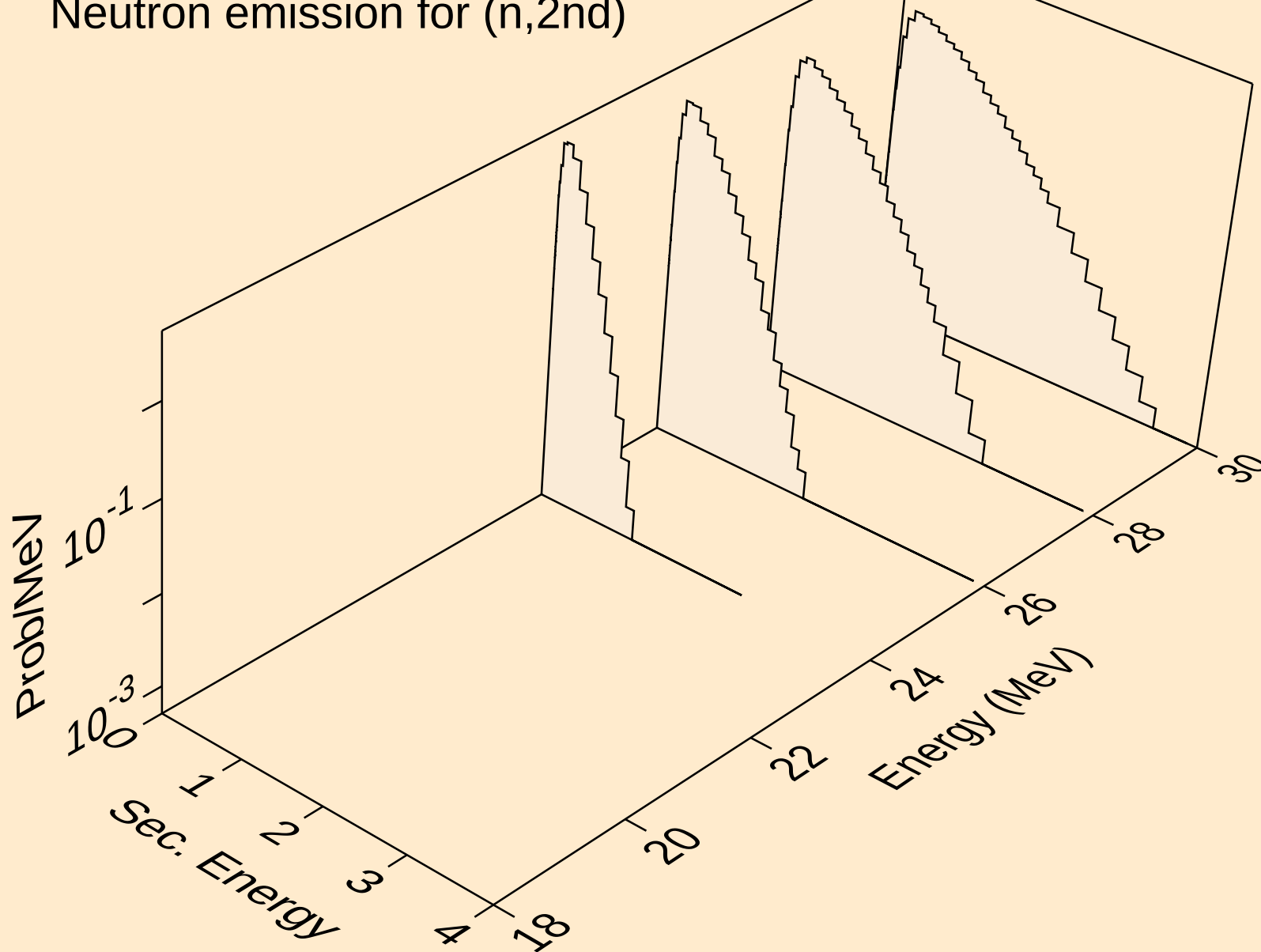
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angular distribution for (n,n\*11)



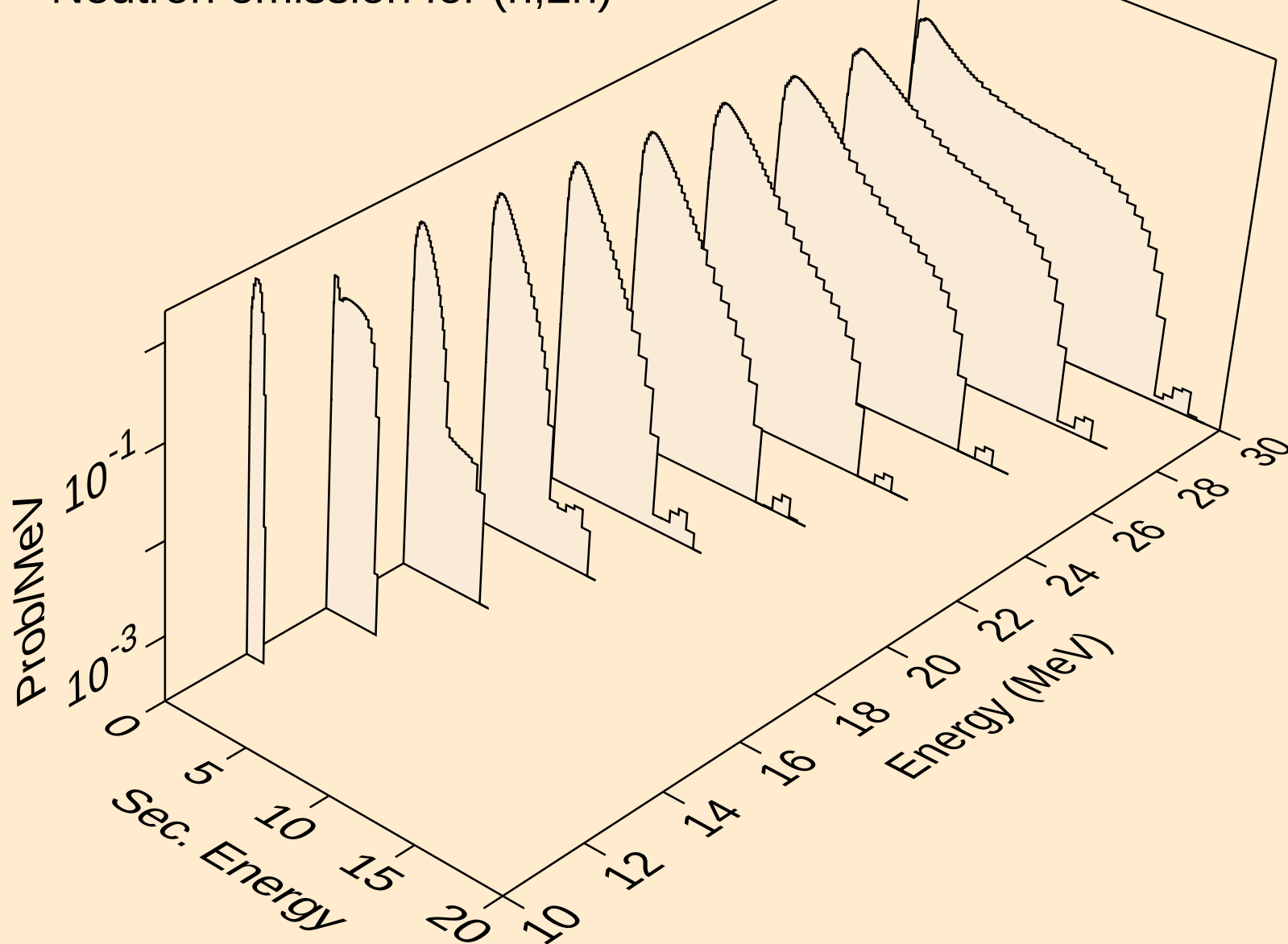
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



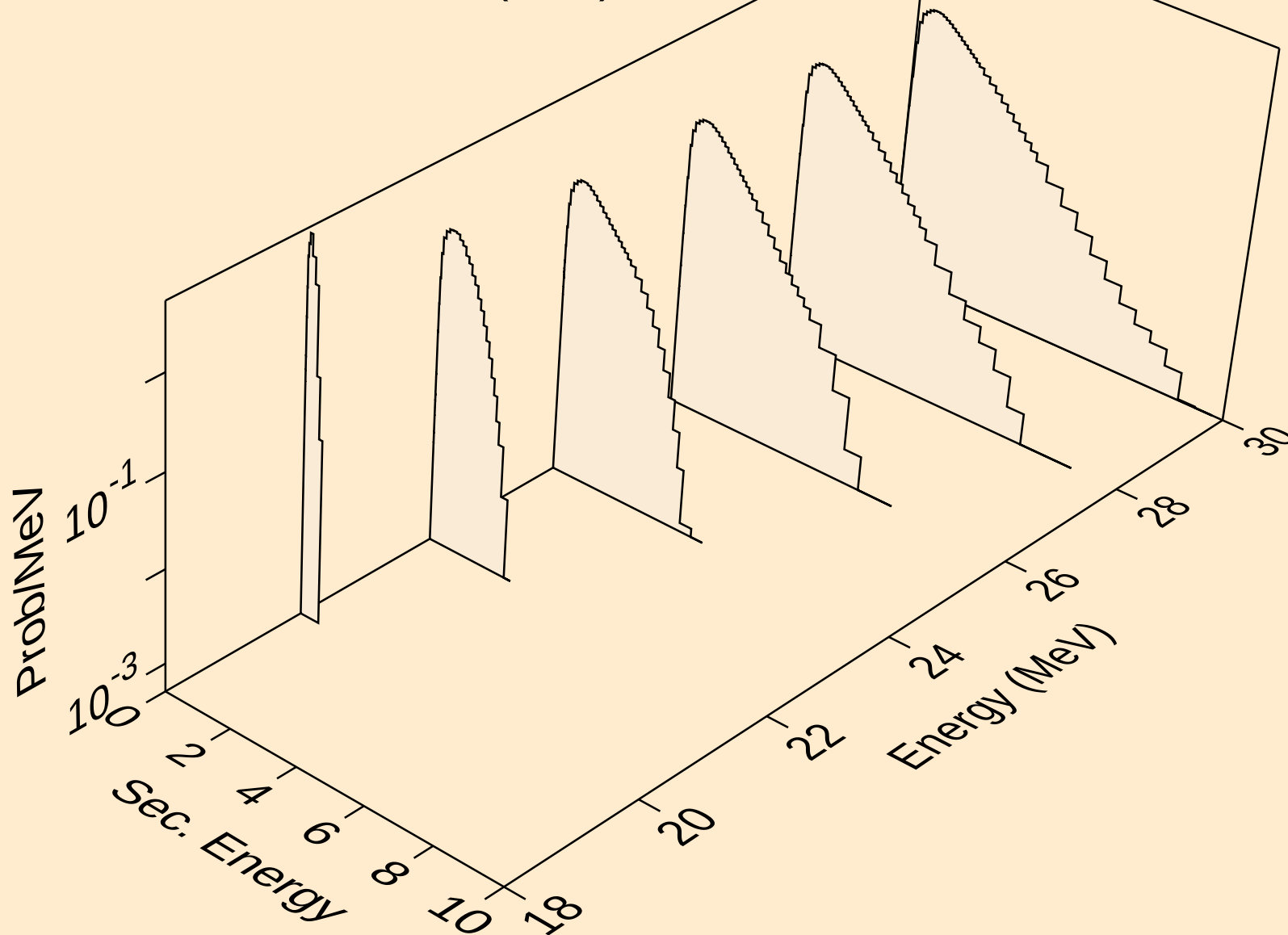
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



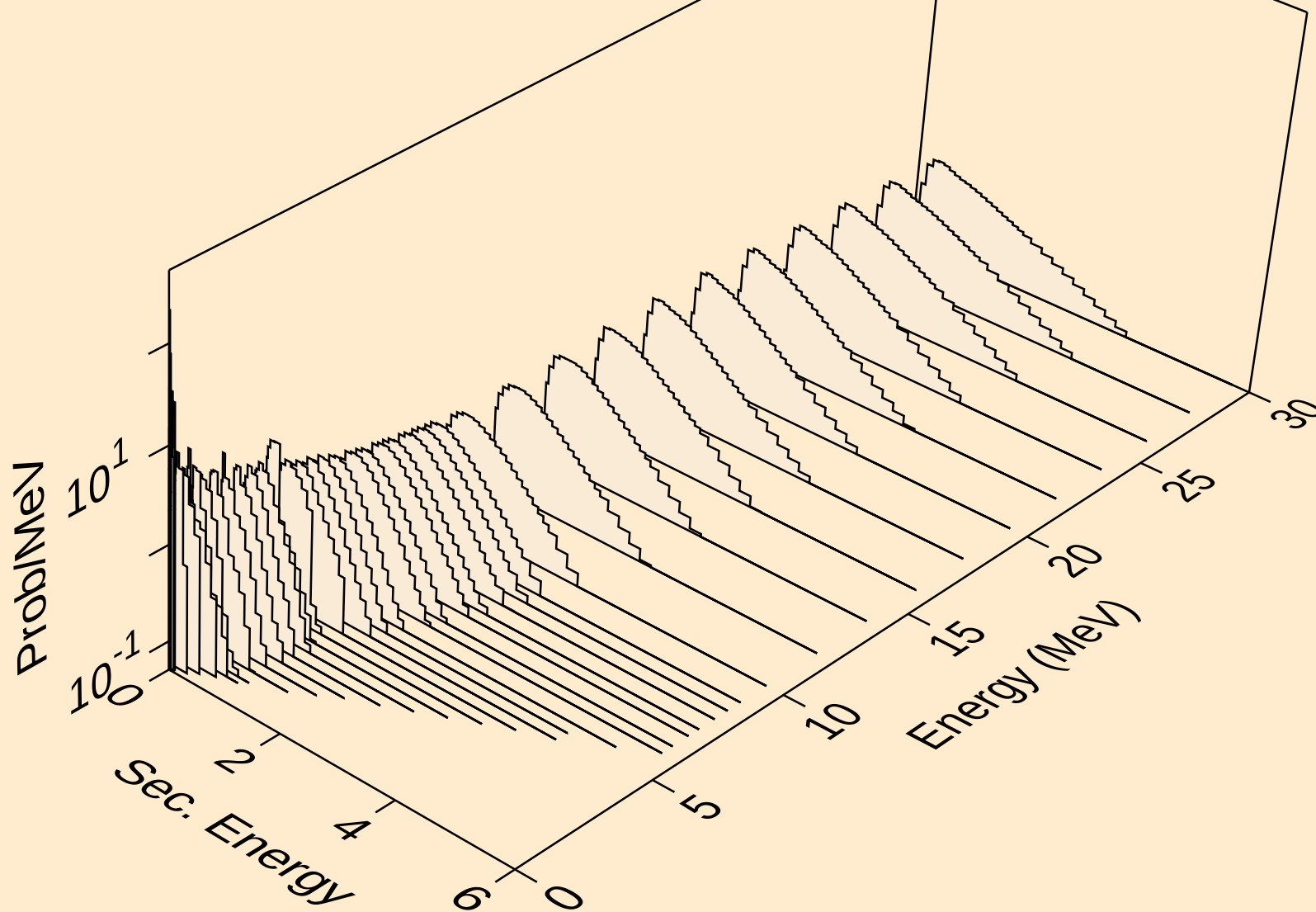
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



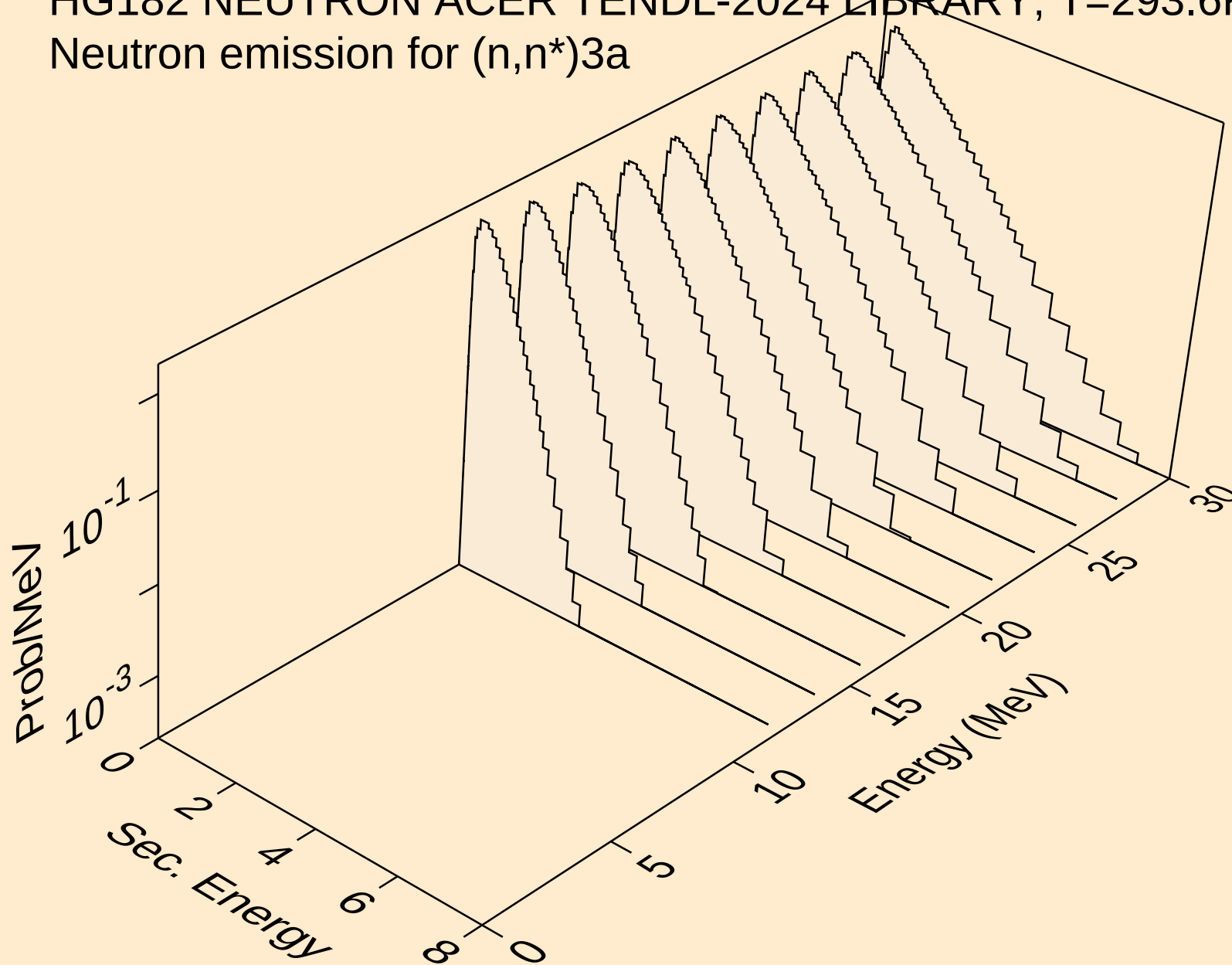
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



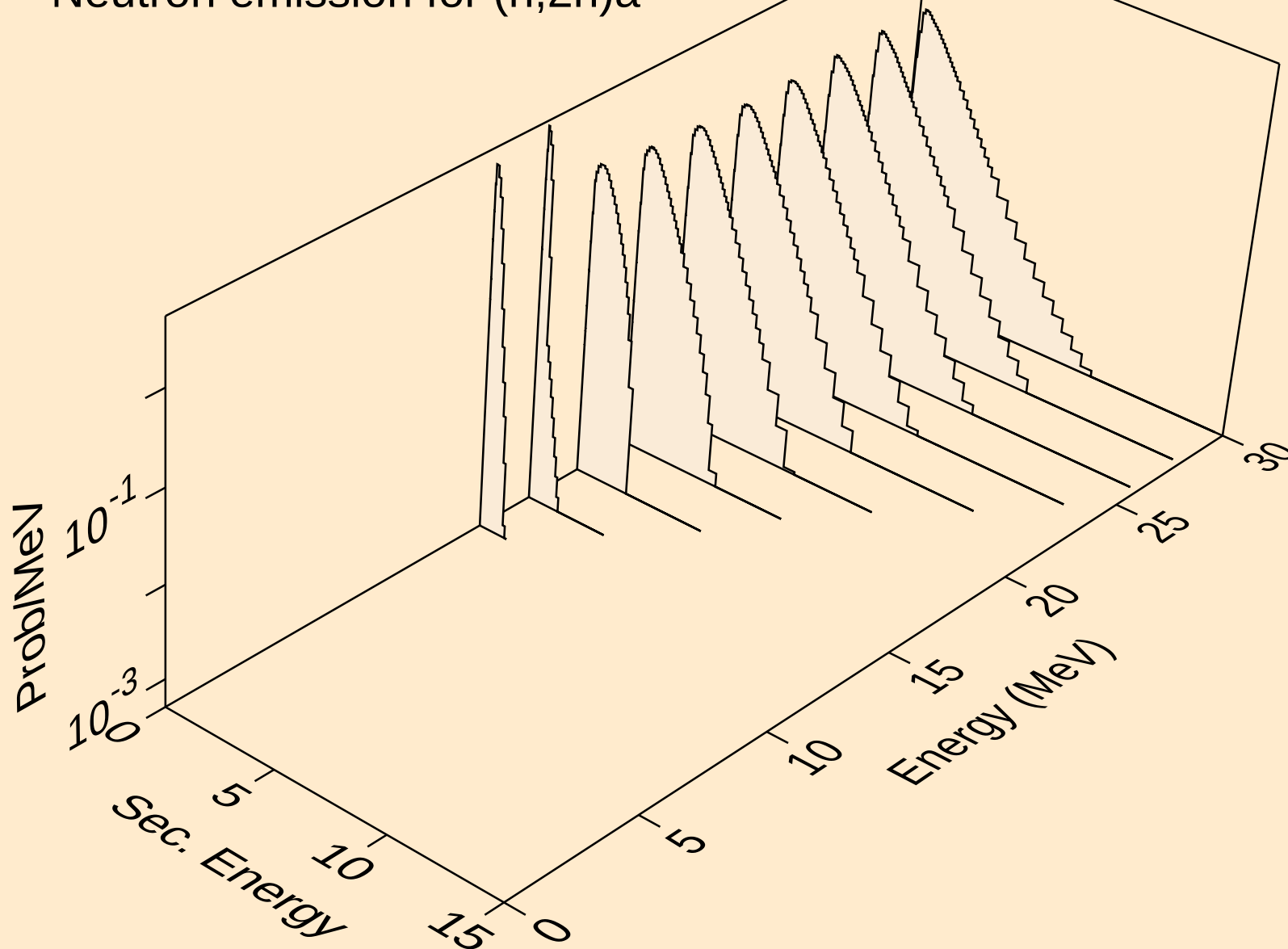
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



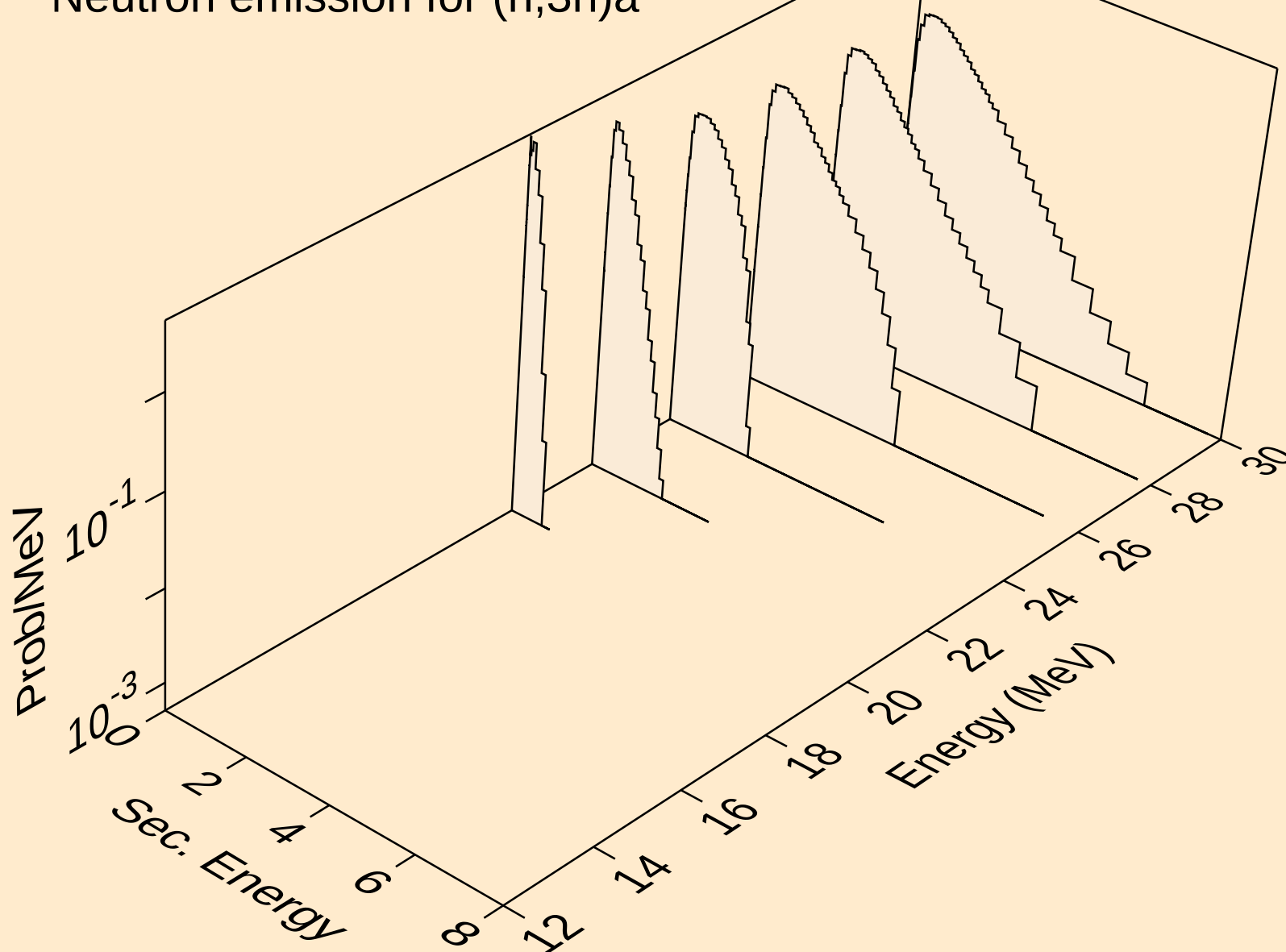
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a



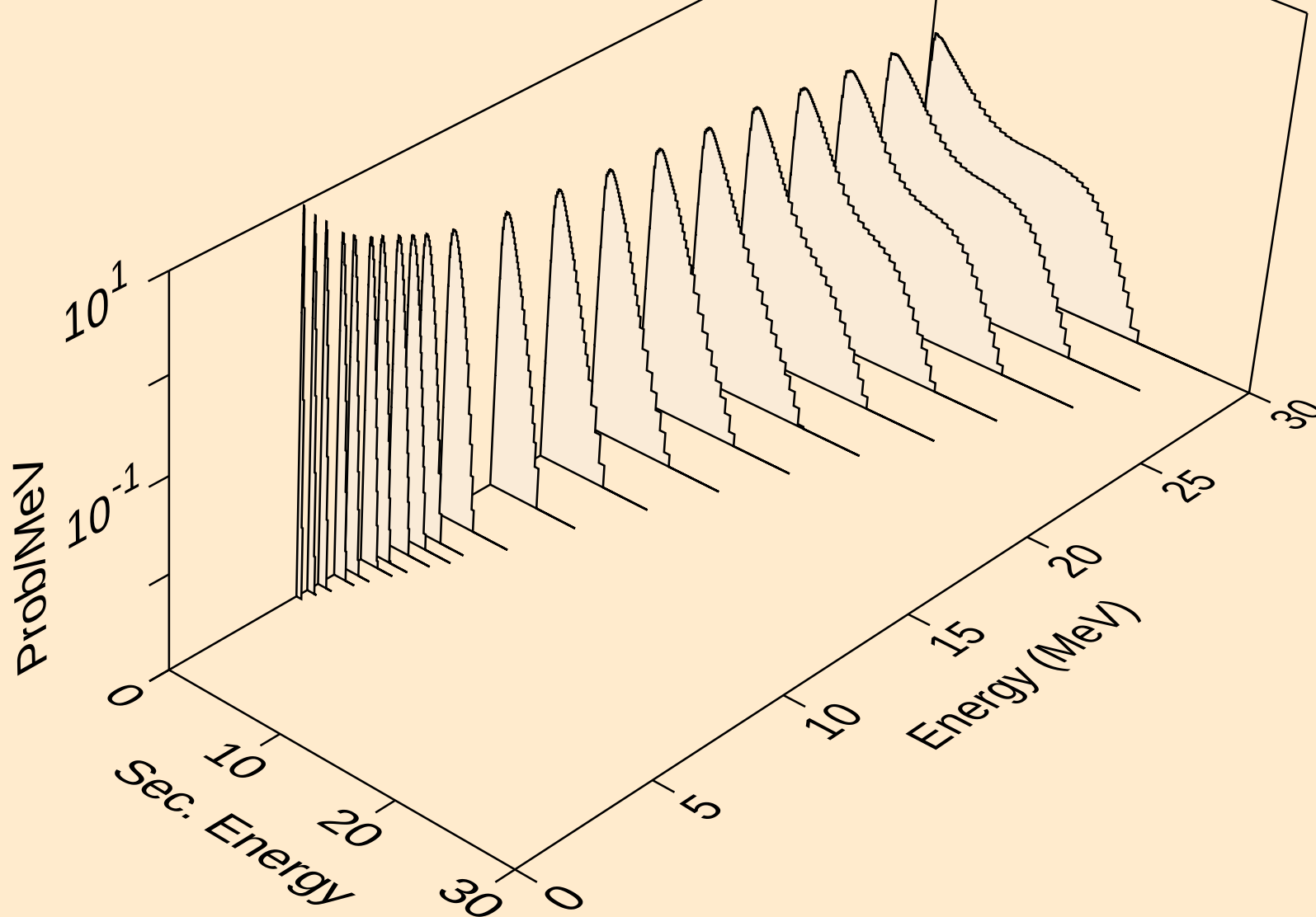
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



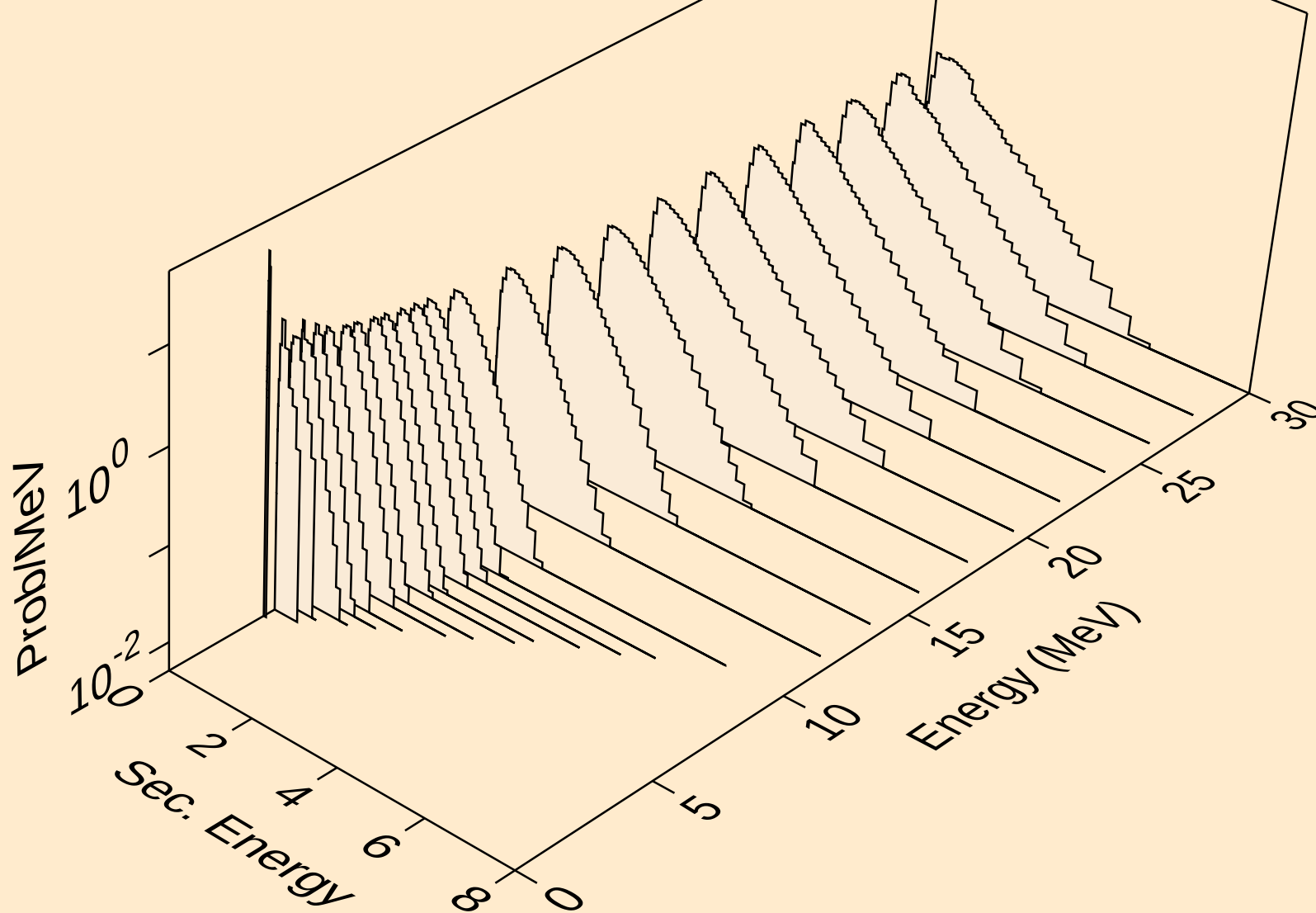
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



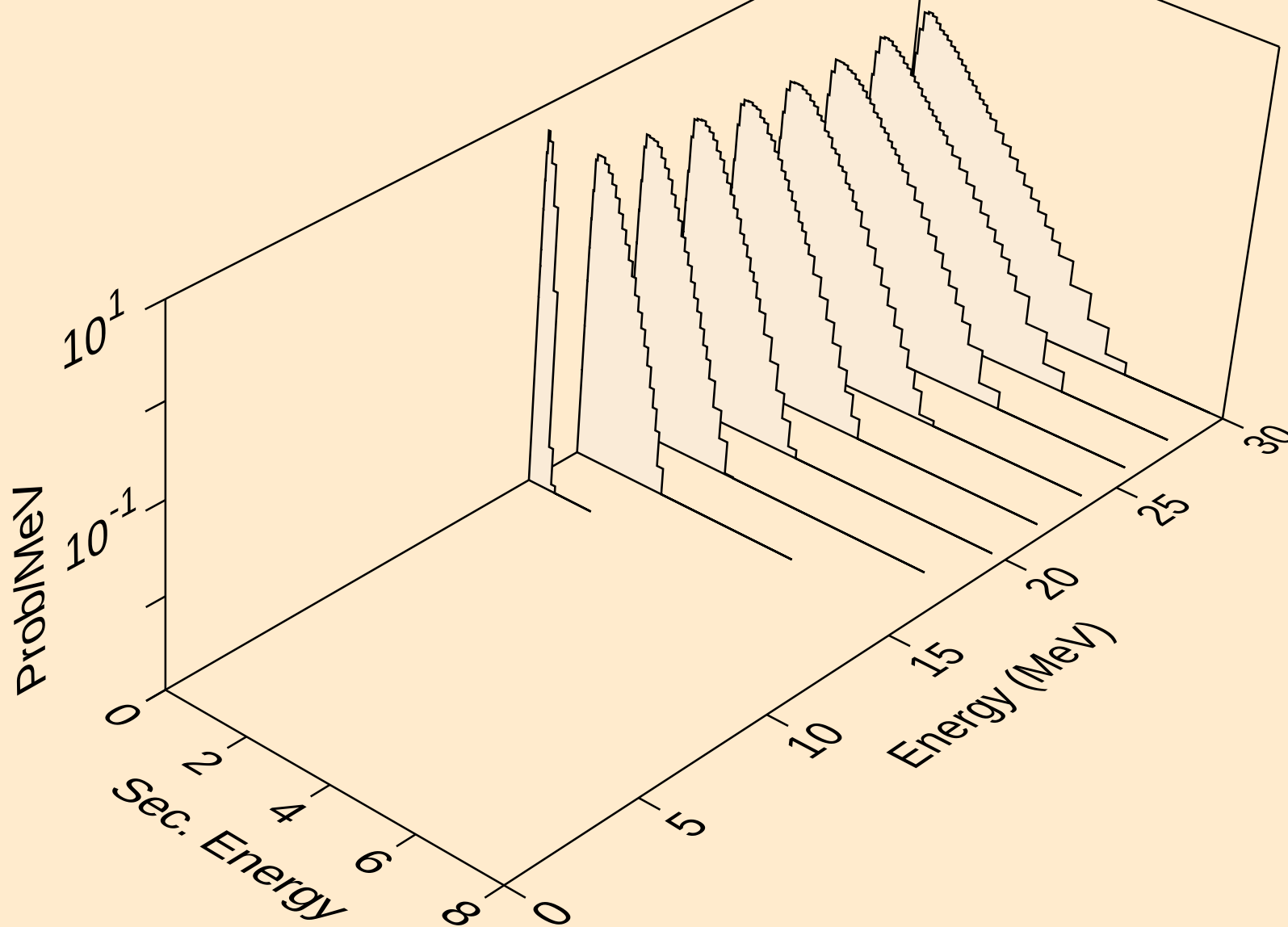
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



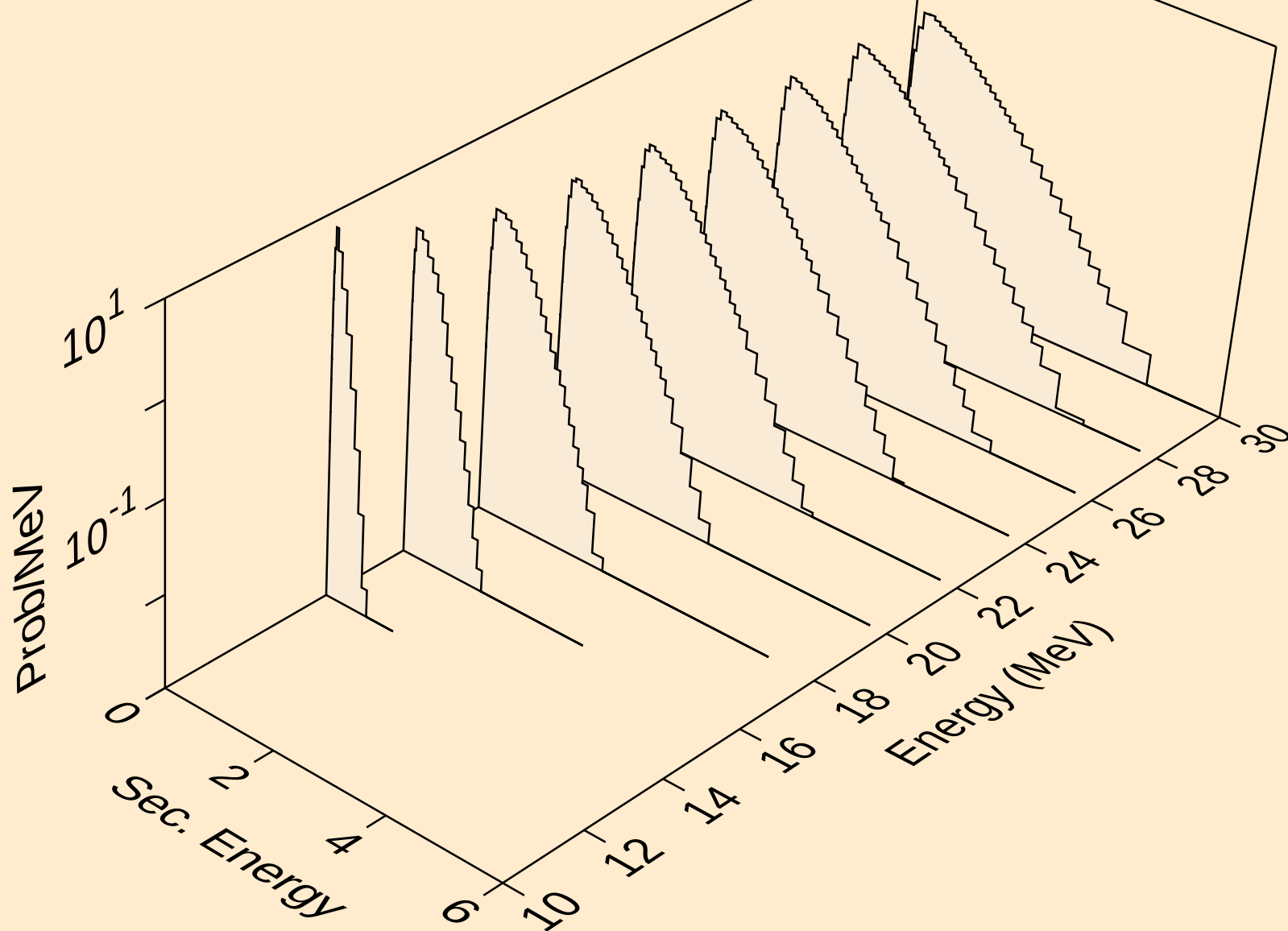
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Neutron emission for (n,n\*)2a



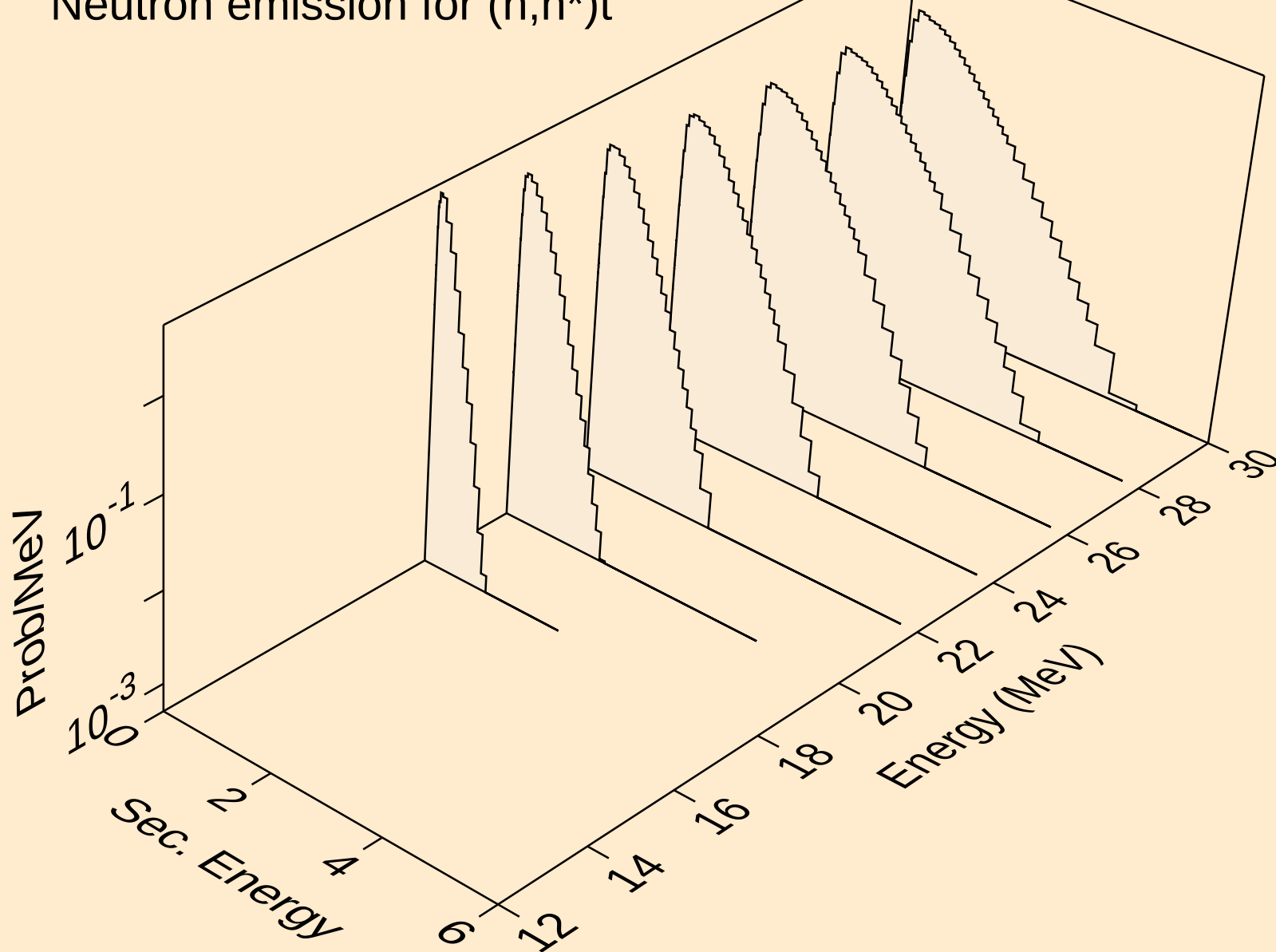
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Neutron emission for (n,2n)2a



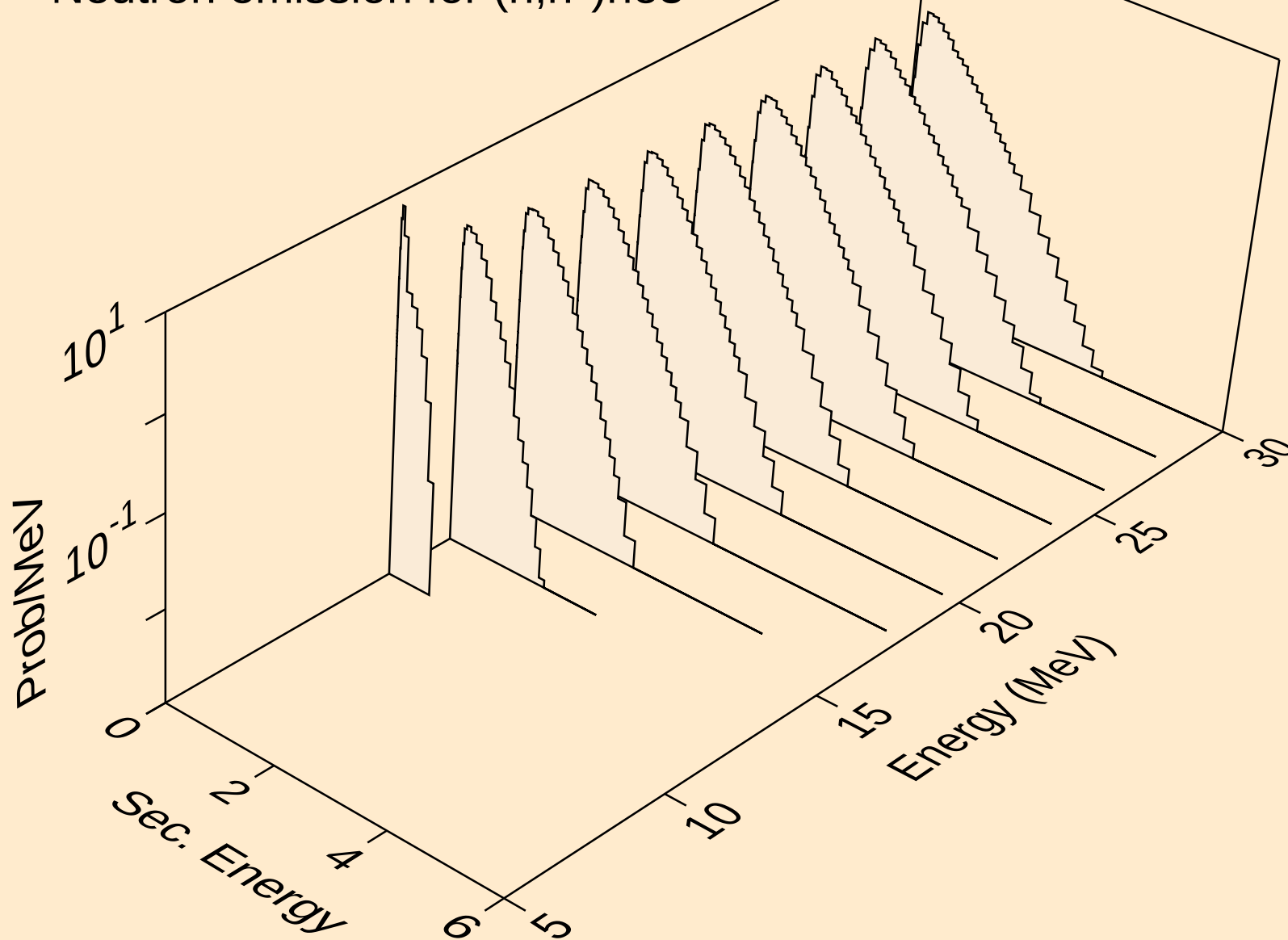
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Neutron emission for (n,n\*)d



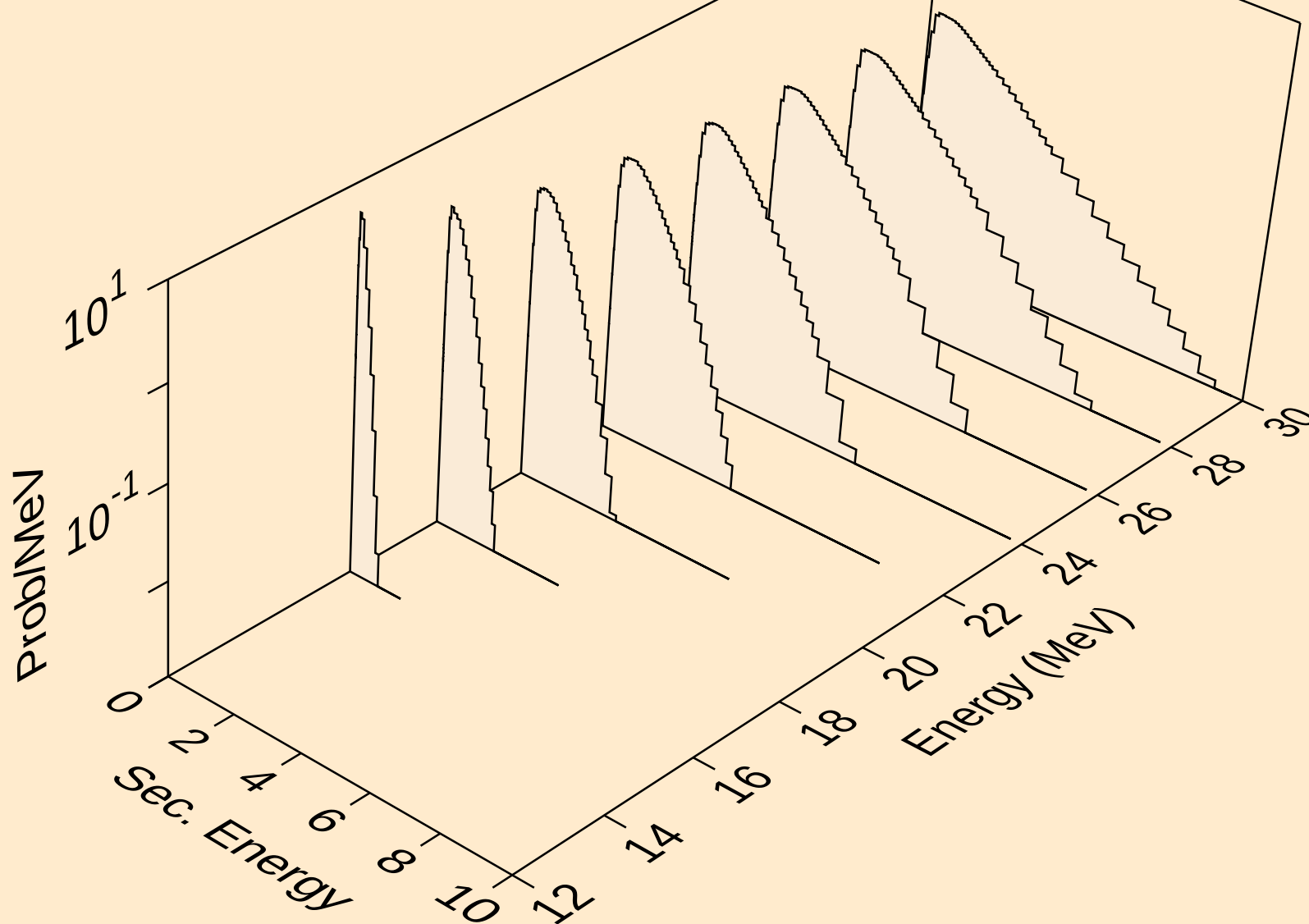
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Neutron emission for (n,n\*)t



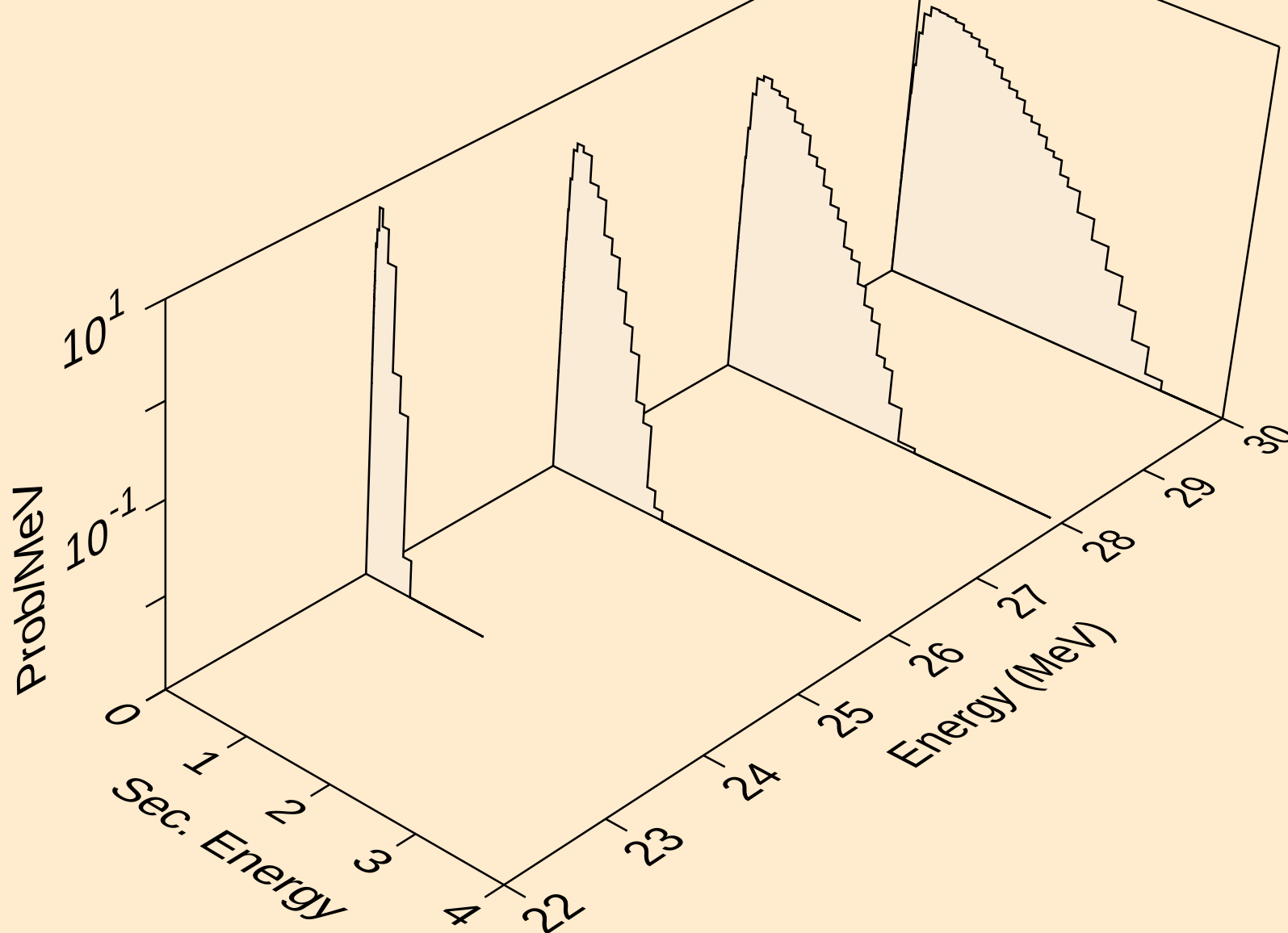
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Neutron emission for (n,n\*)he3



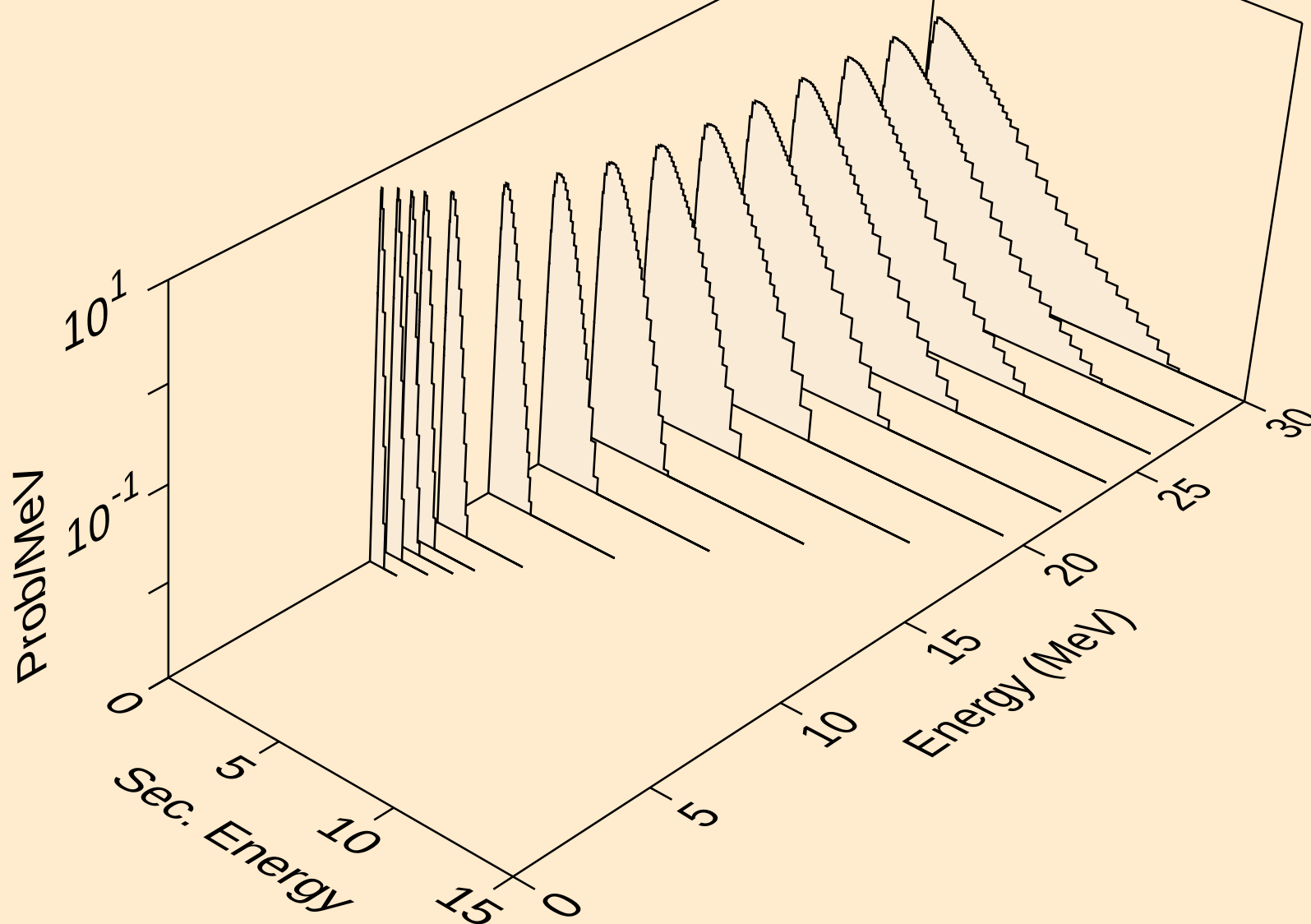
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Neutron emission for (n,2np)



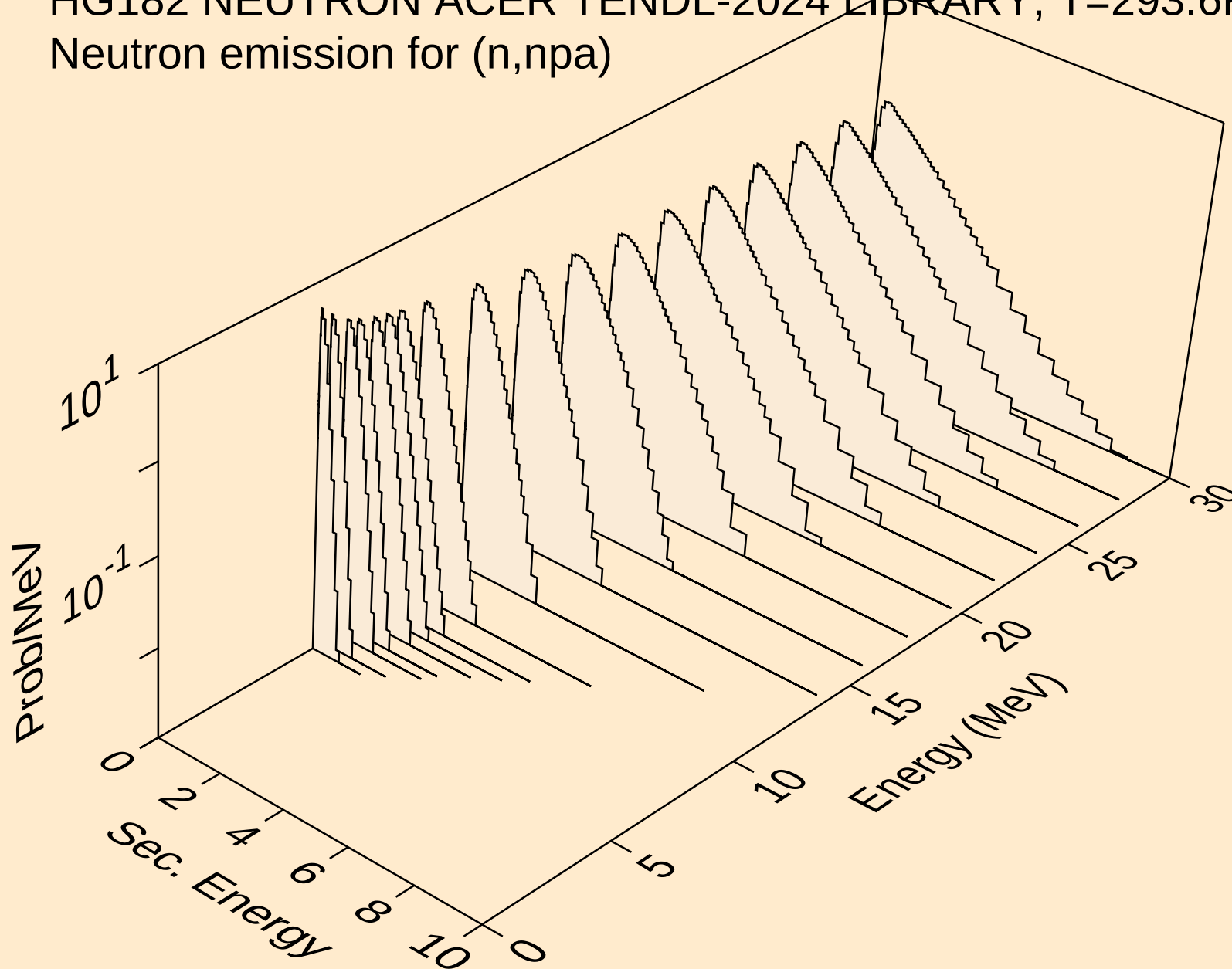
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Neutron emission for (n,3np)



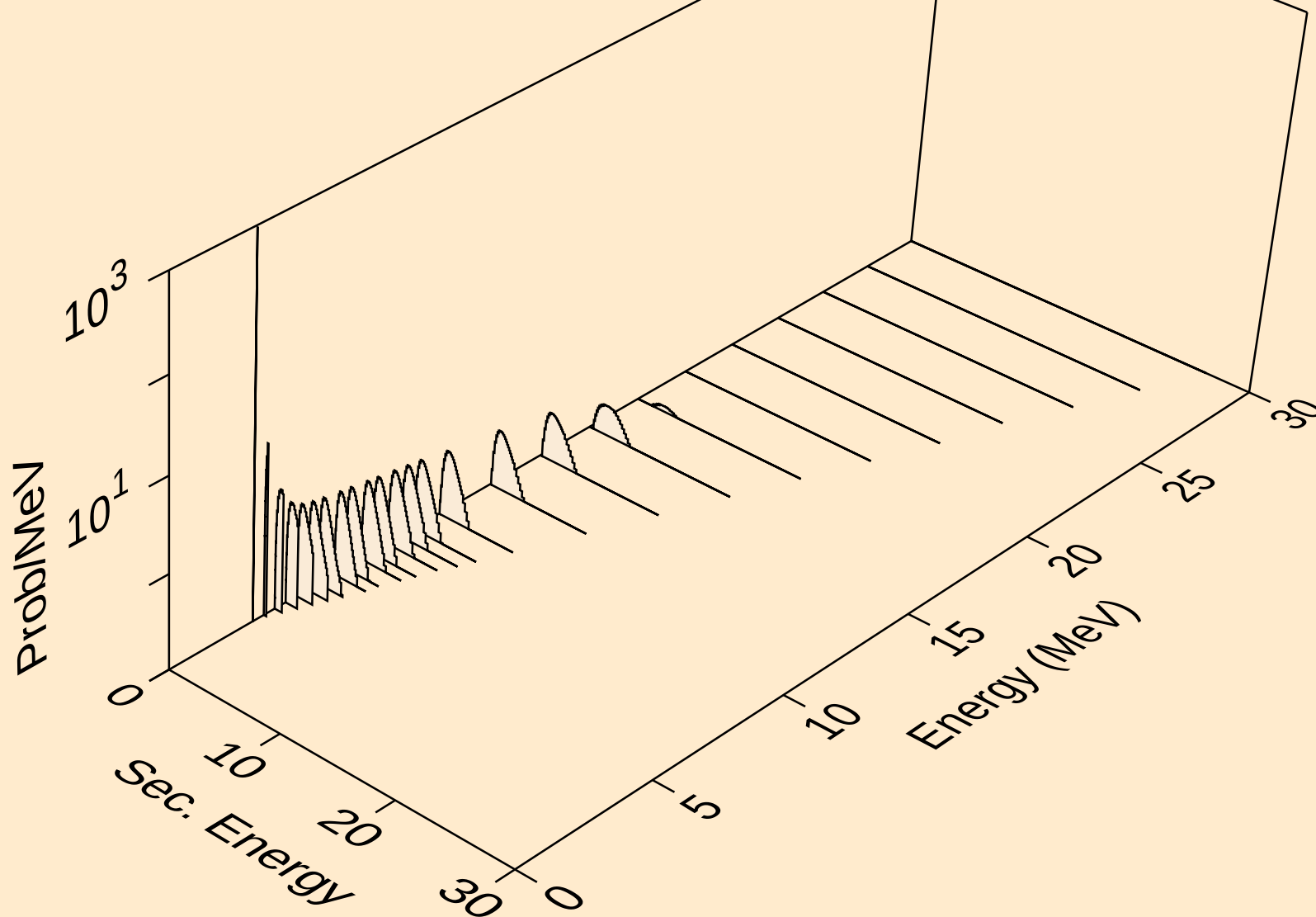
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



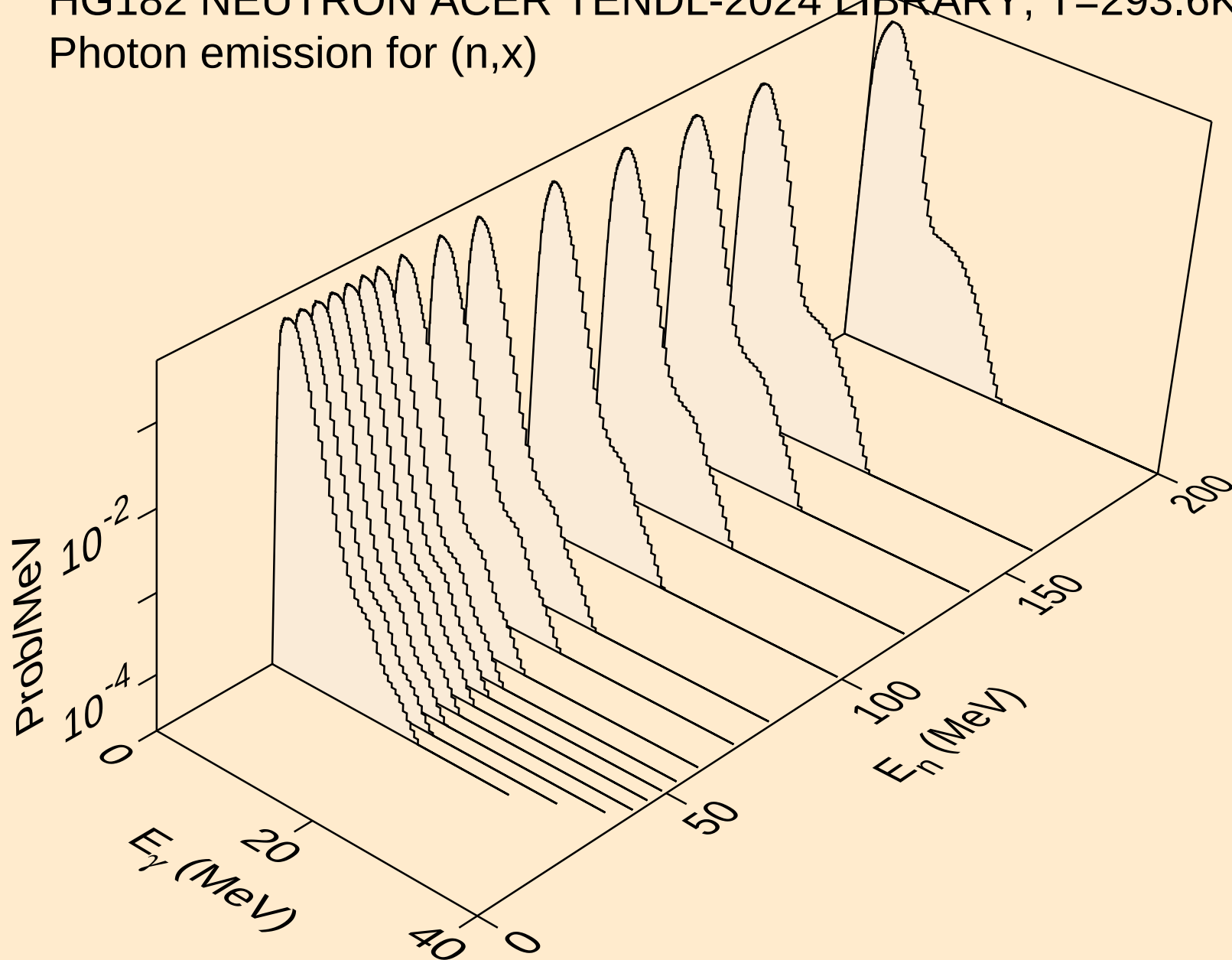
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Neutron emission for (n,npa)



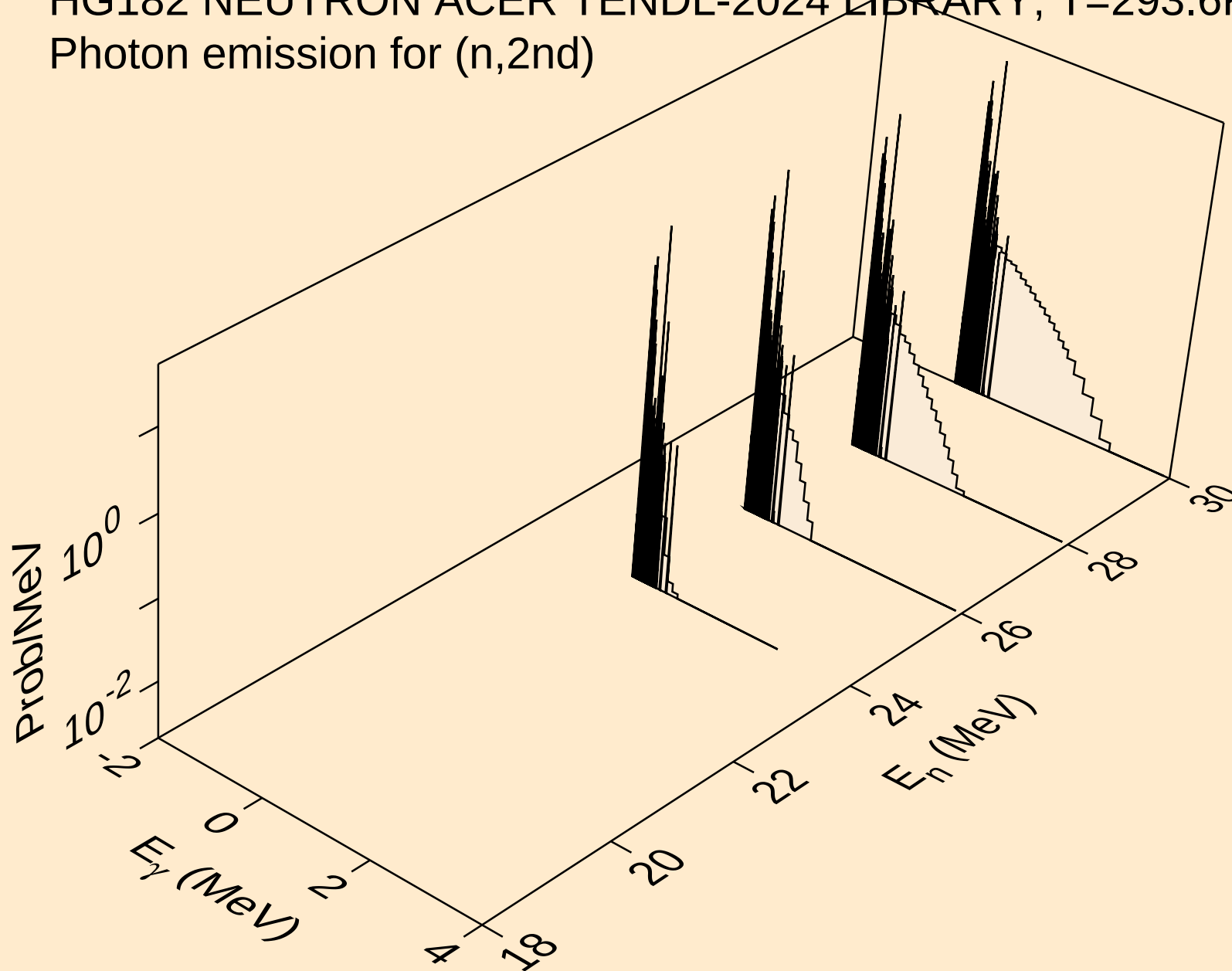
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



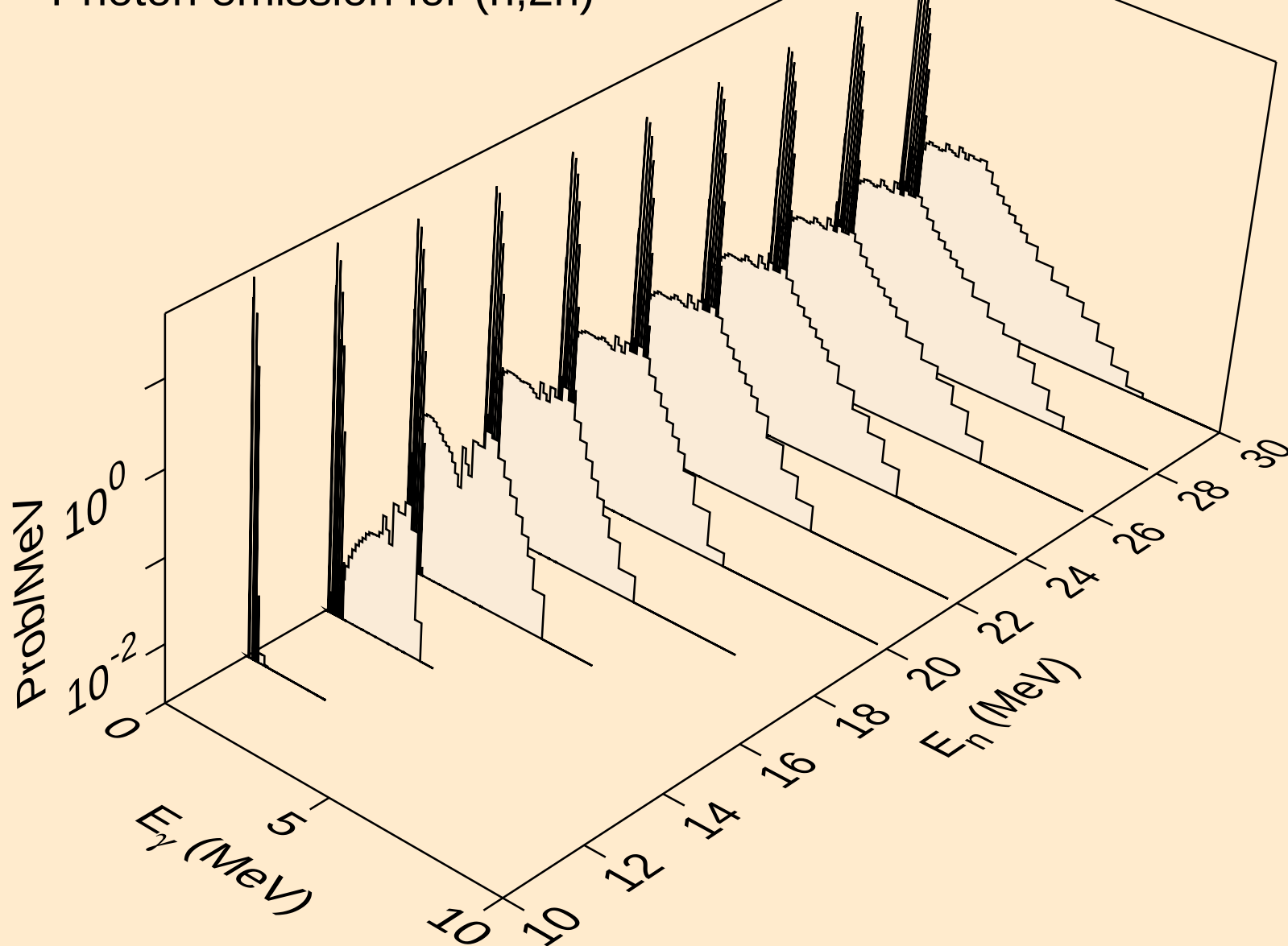
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



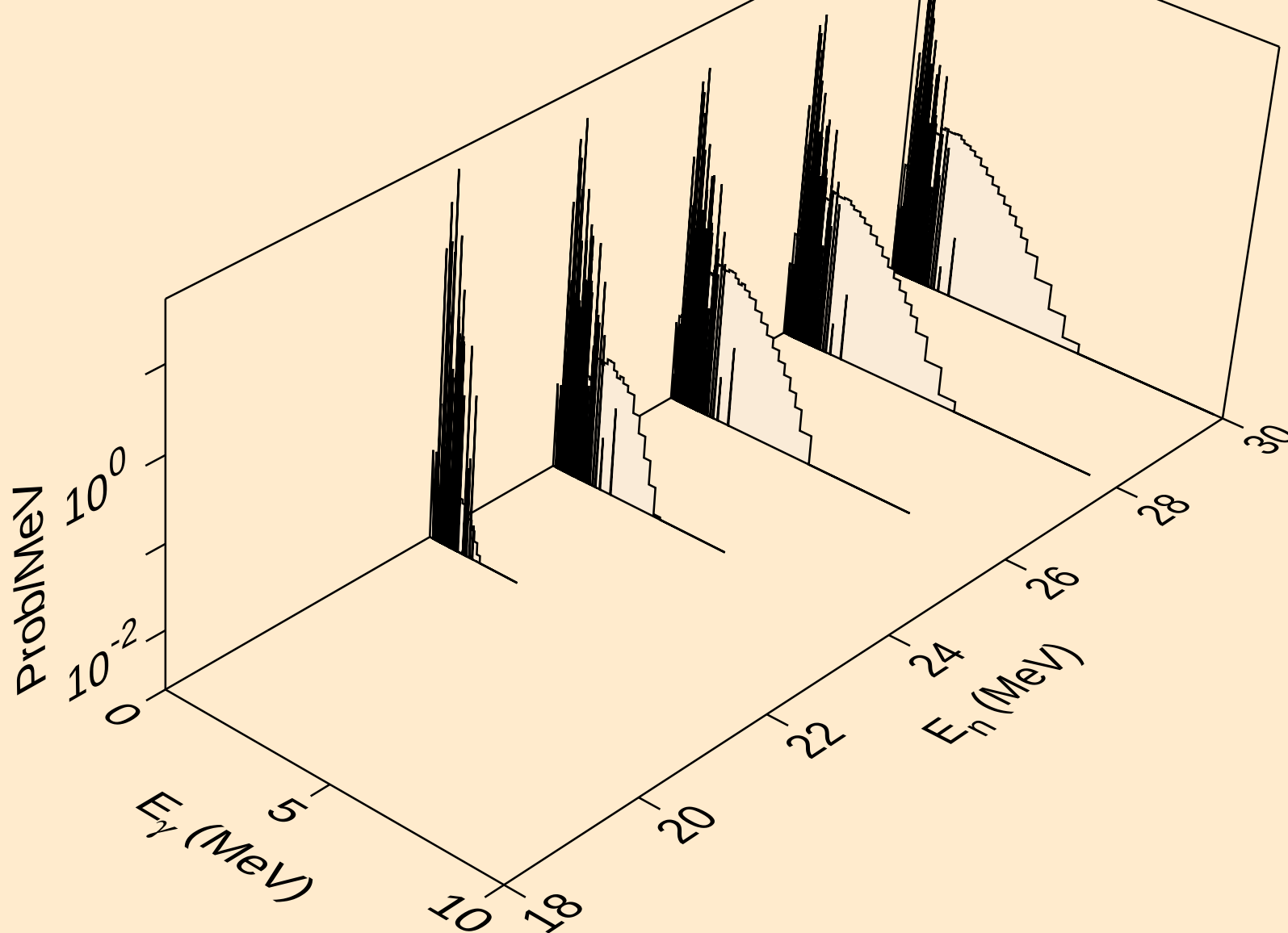
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Photon emission for (n,2nd)



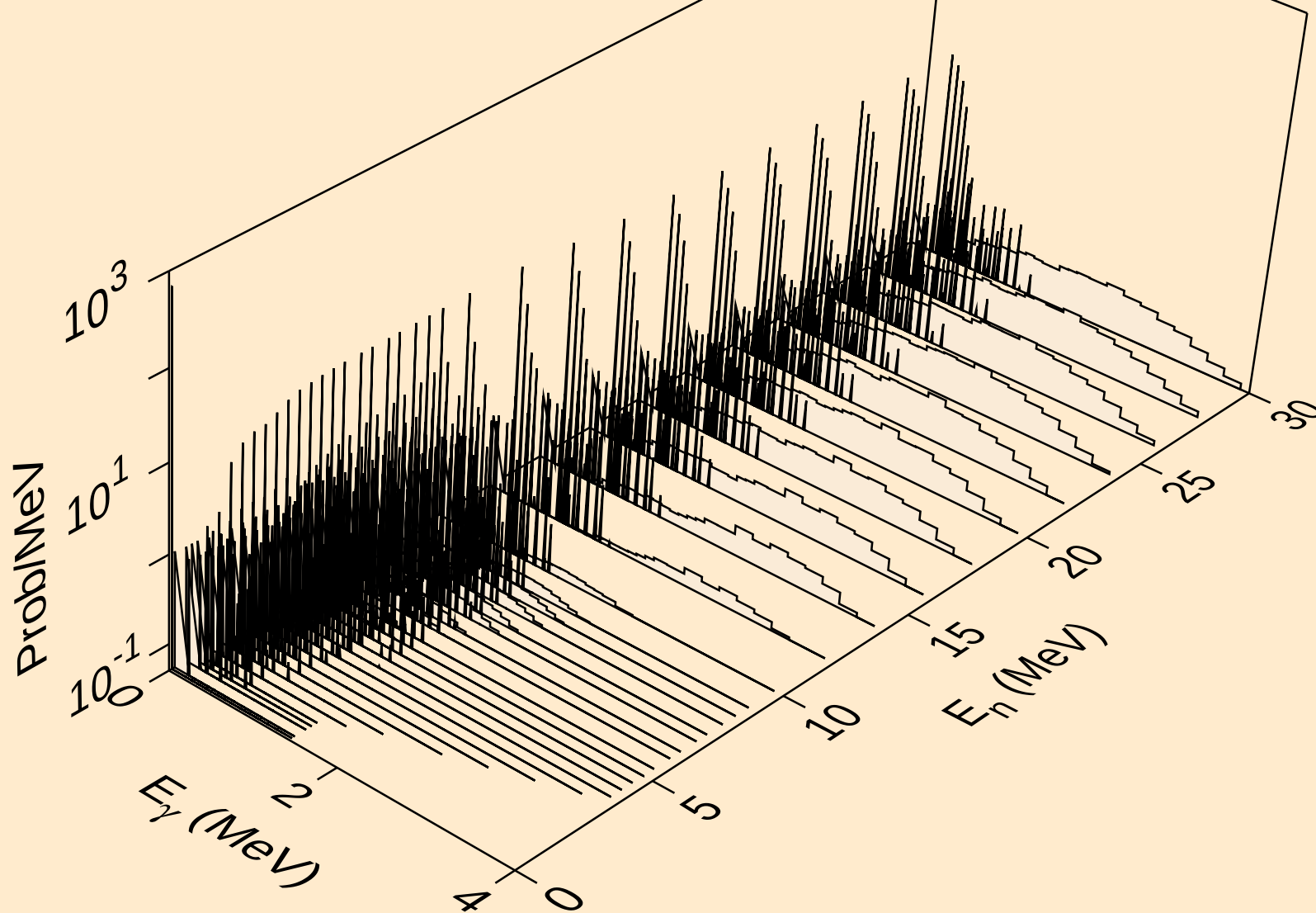
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Photon emission for (n,2n)



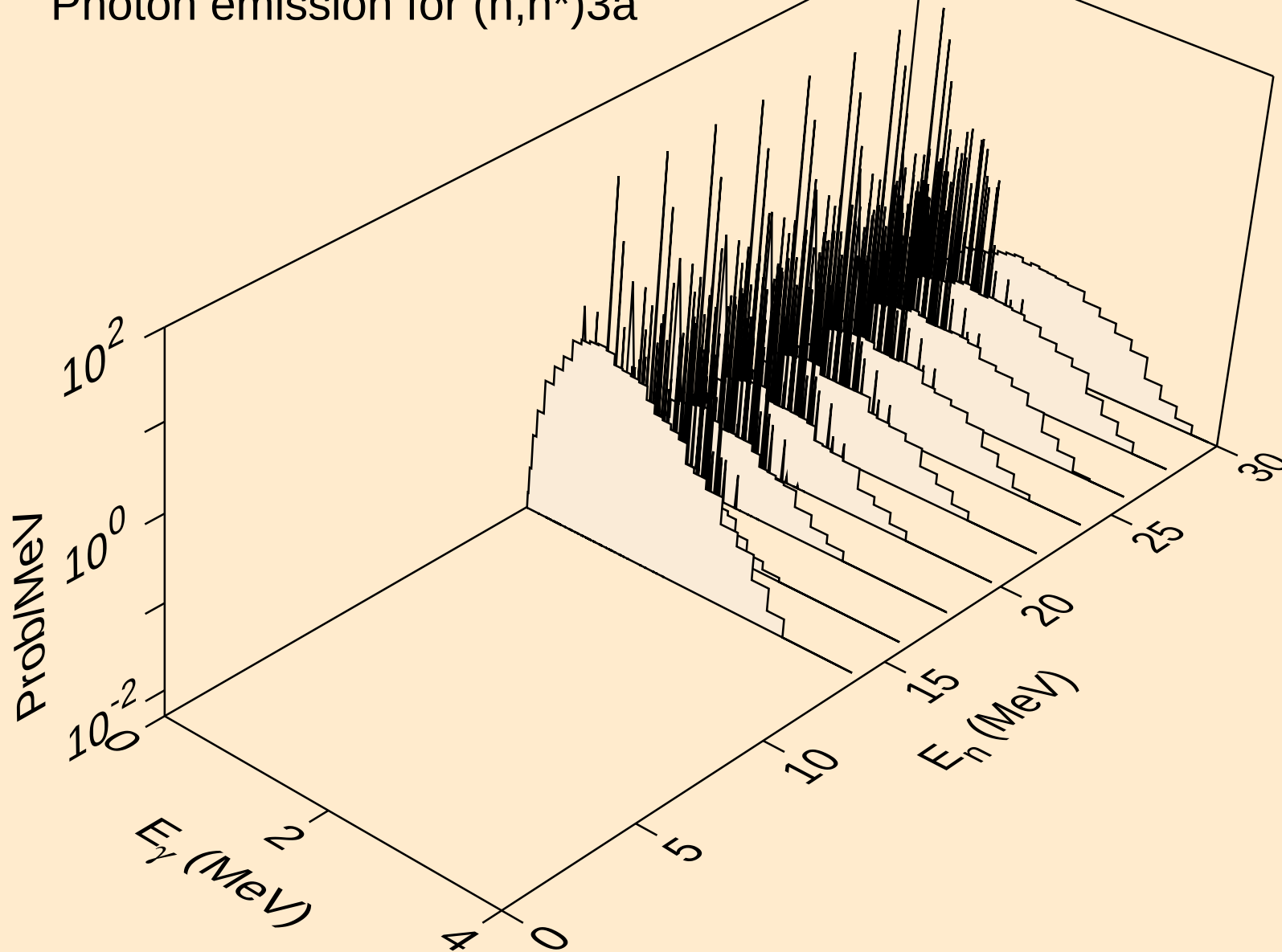
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



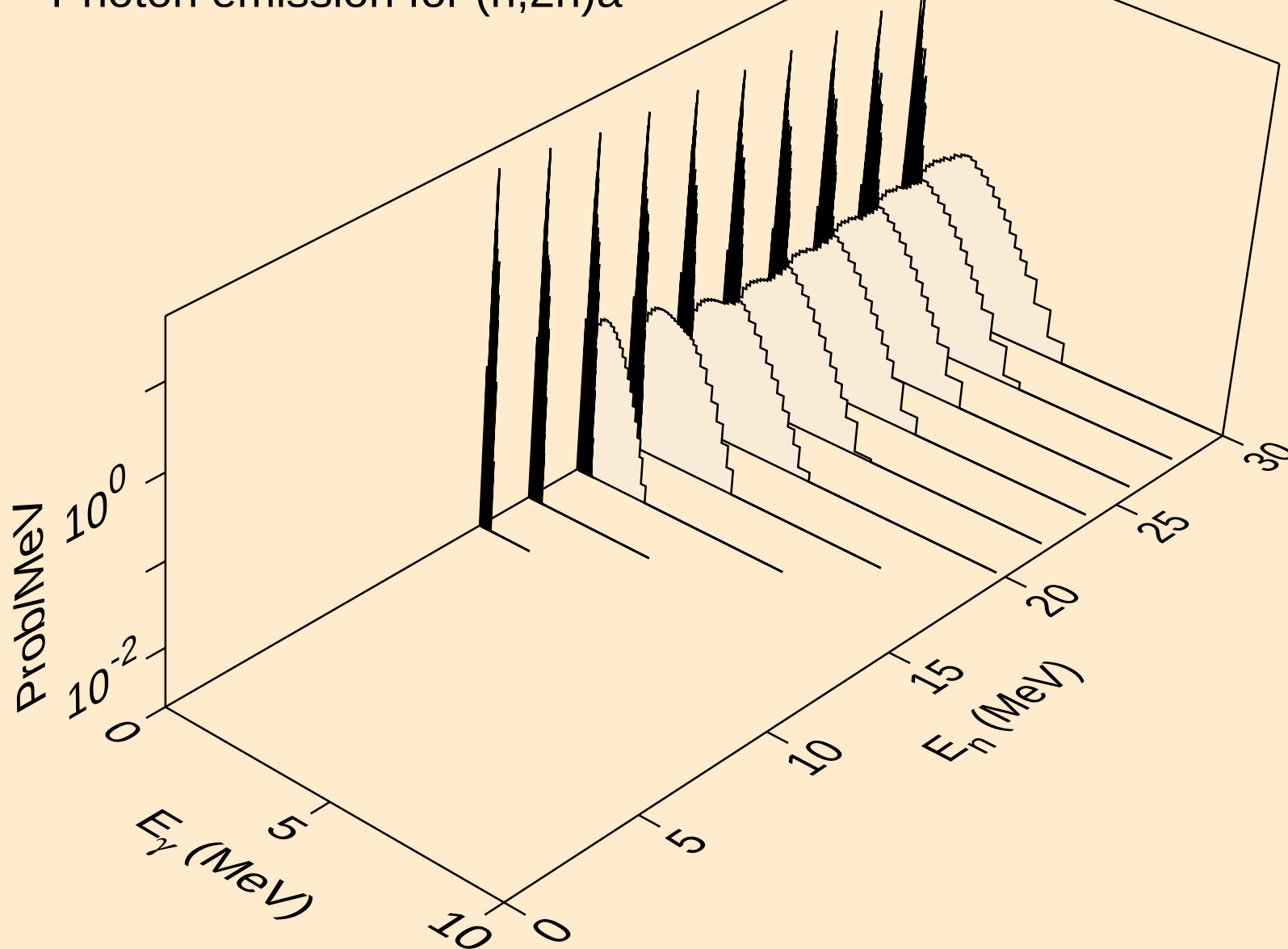
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



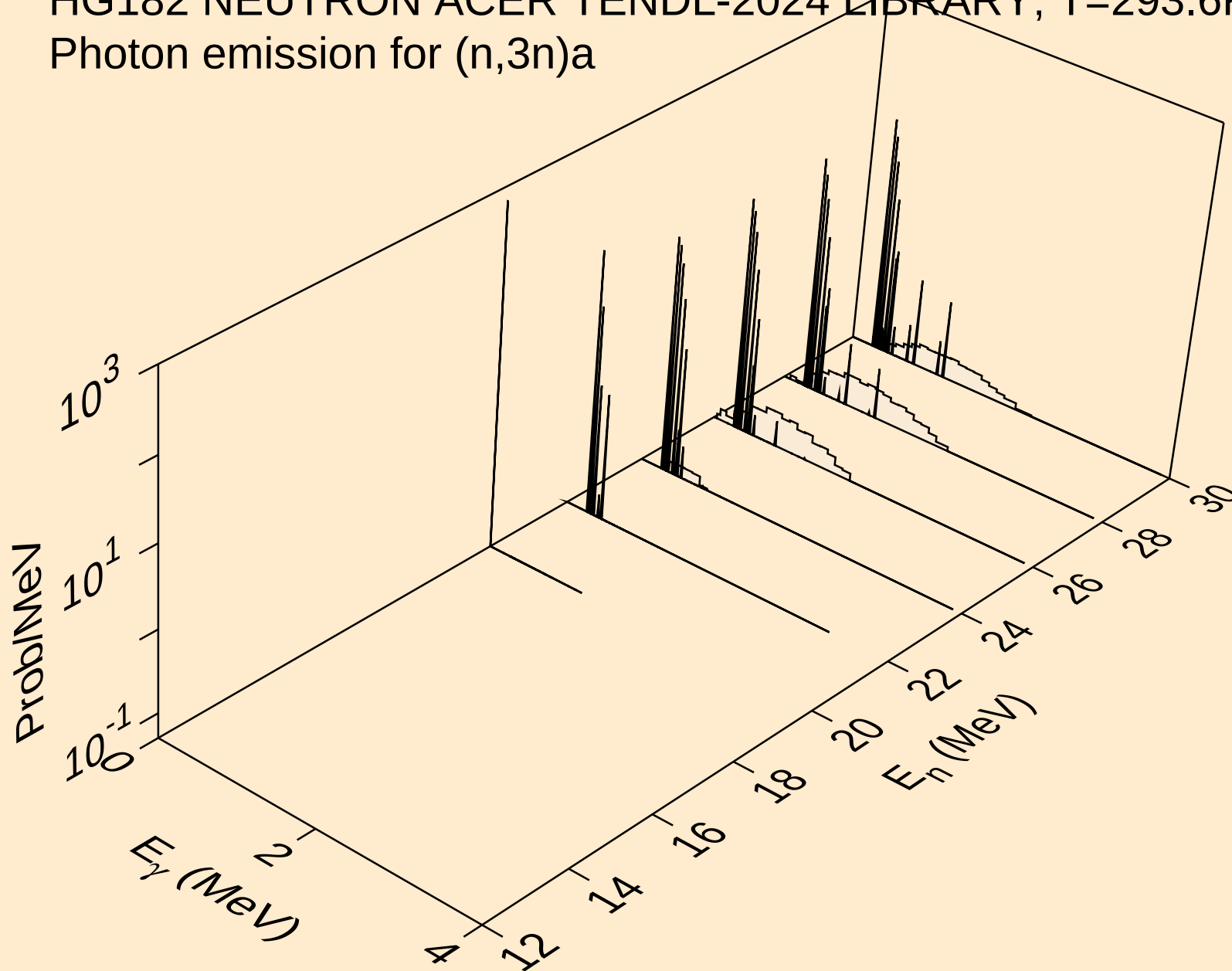
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a



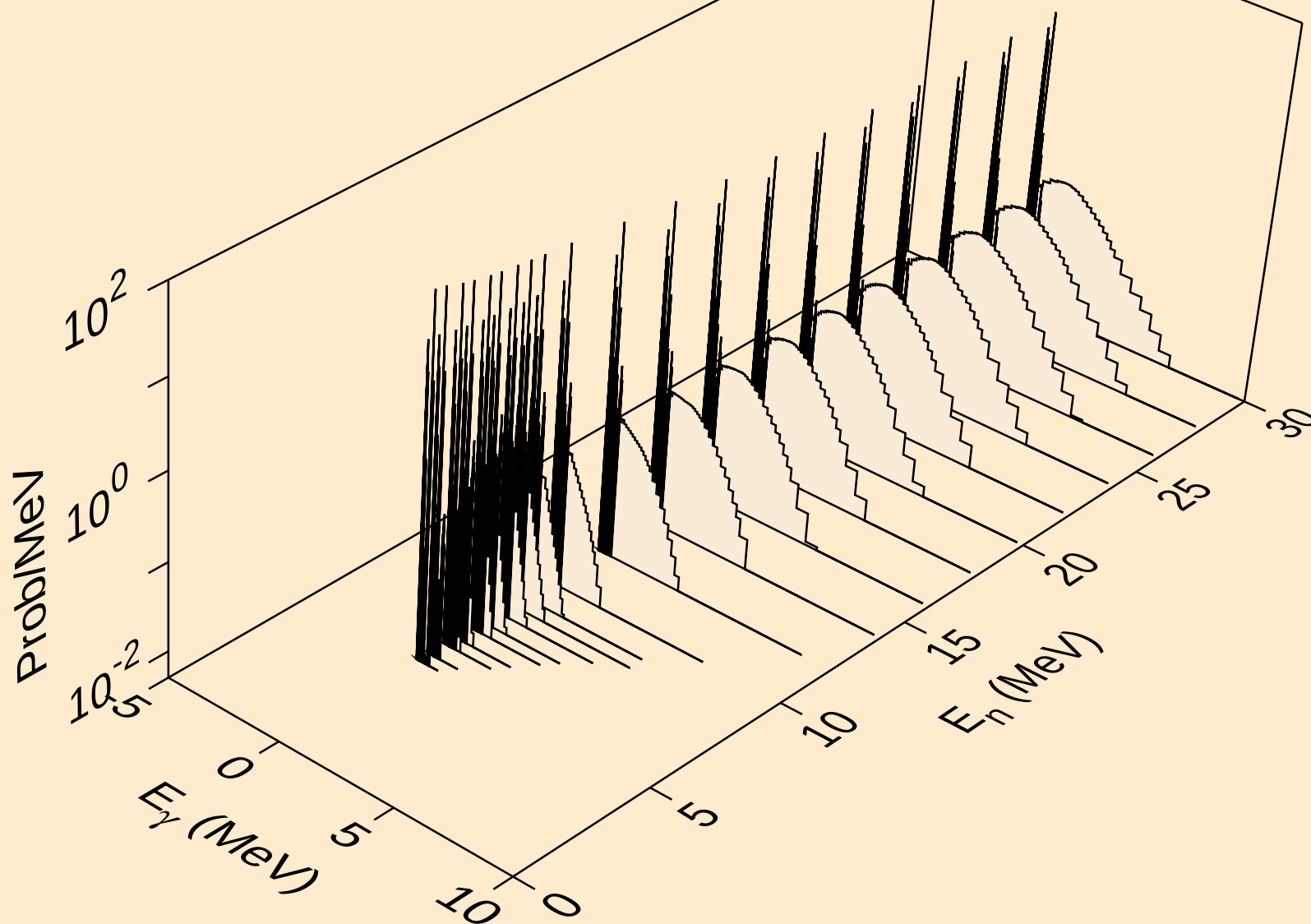
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n) $\alpha$



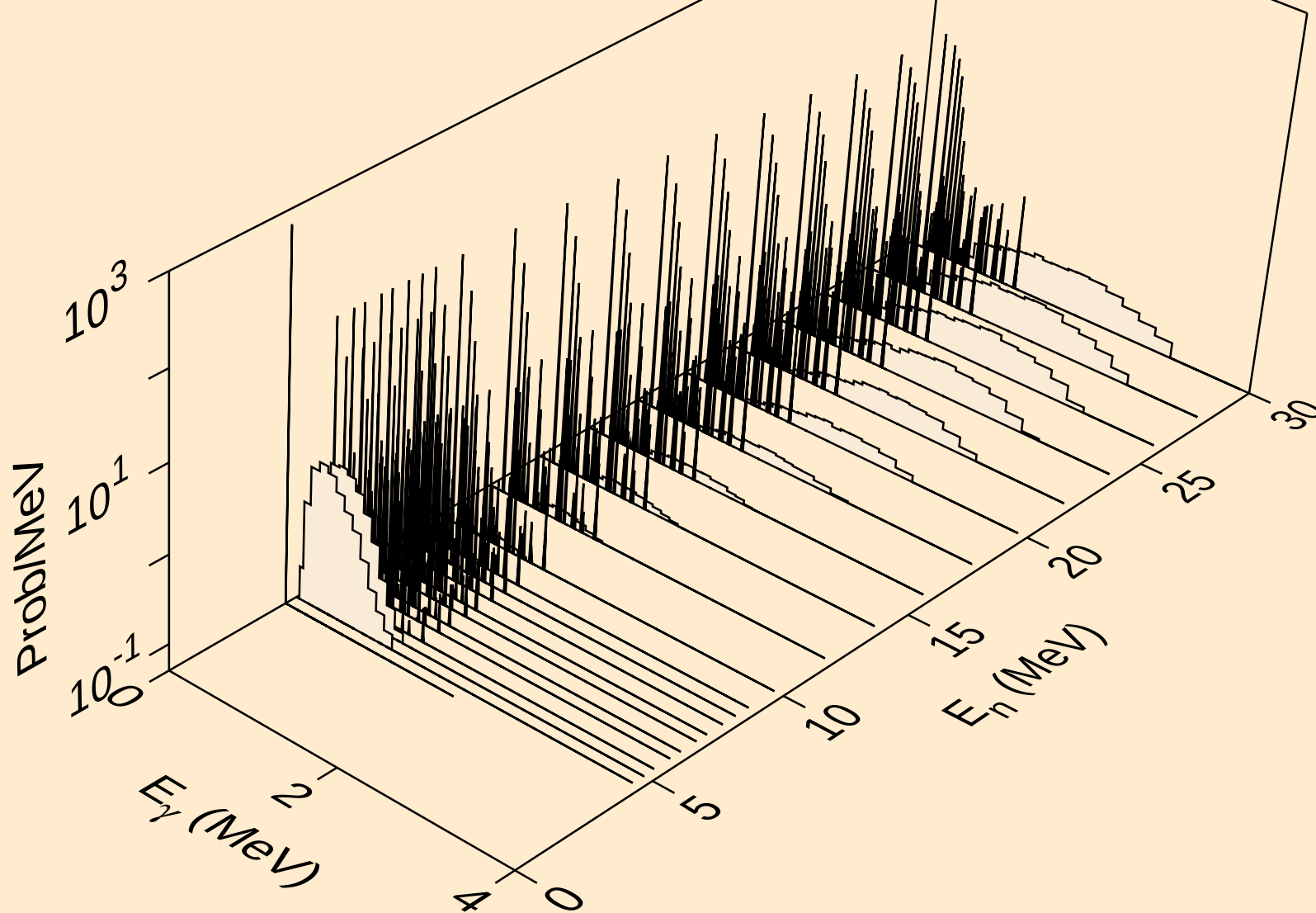
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n) $\alpha$



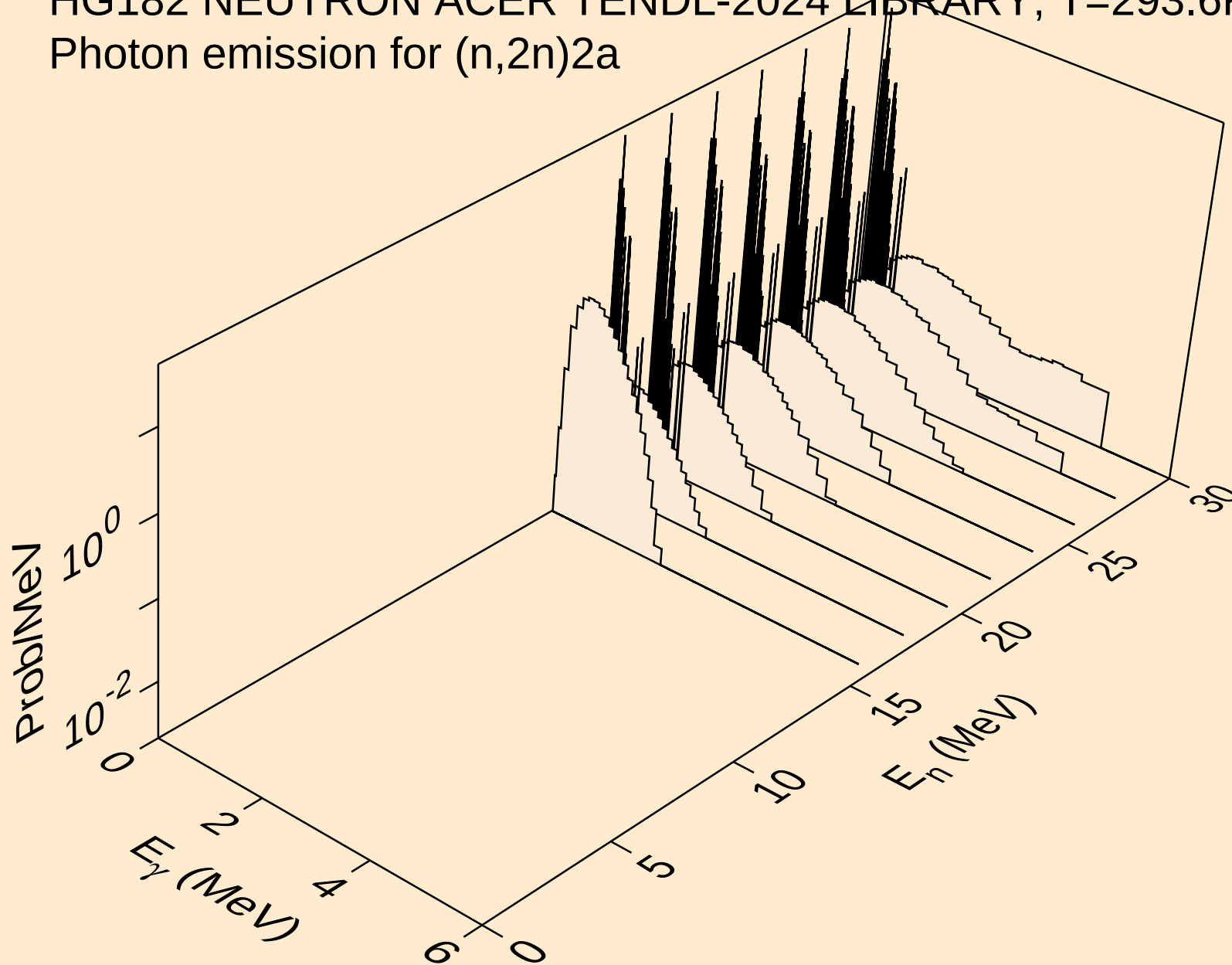
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Photon emission for (n,n\*)p



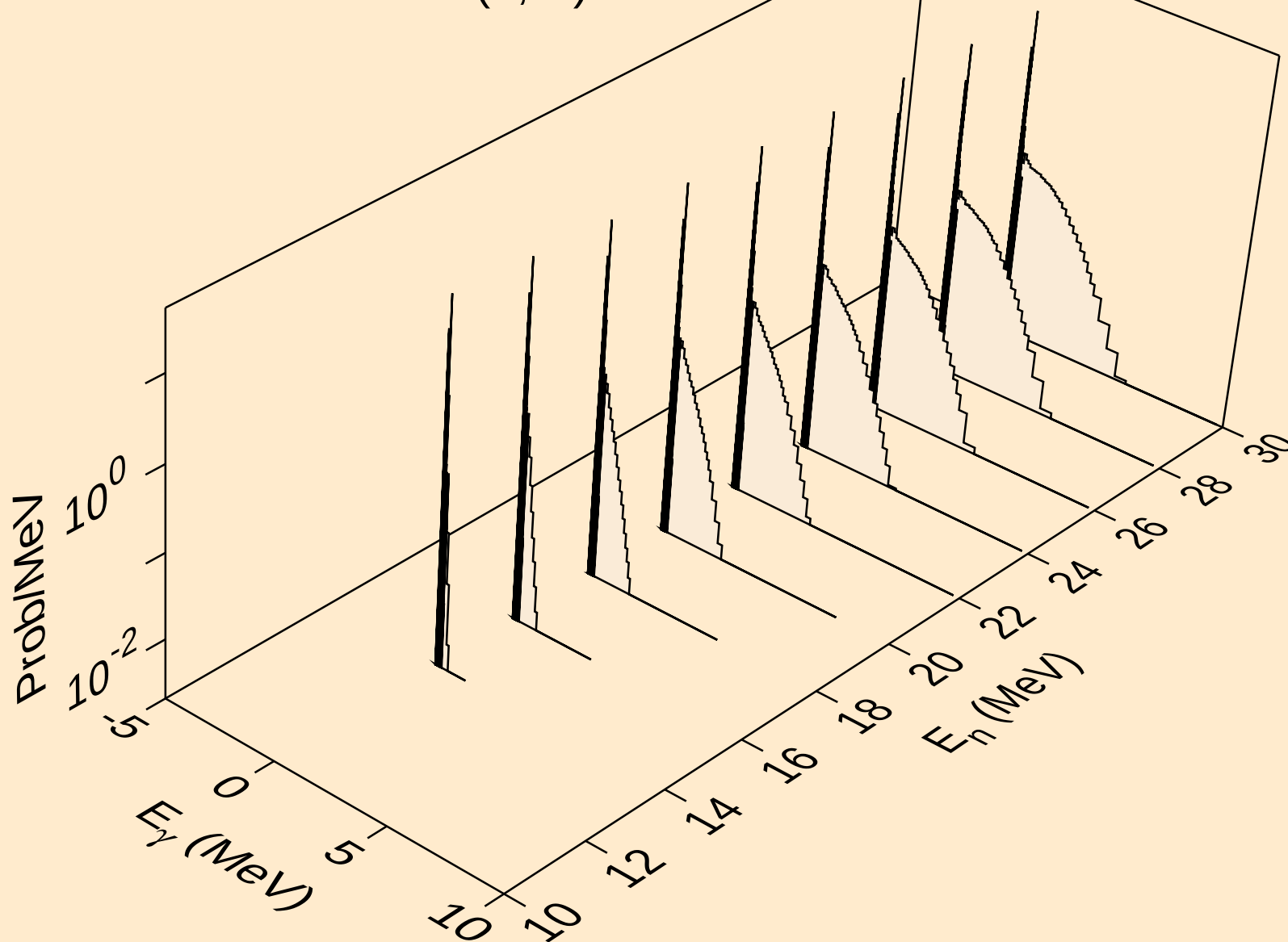
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Photon emission for (n,n\*)2a



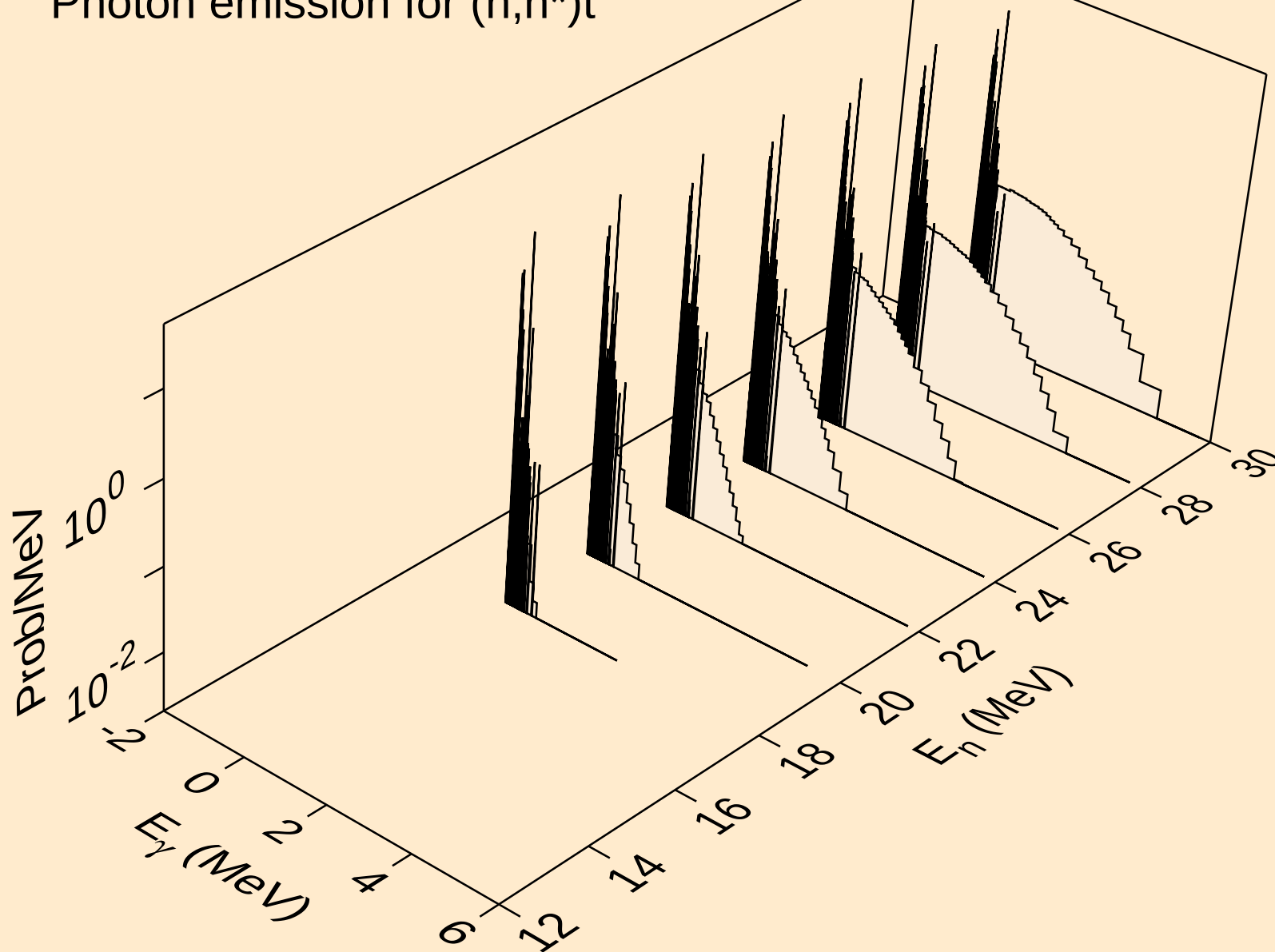
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Photon emission for (n,2n)2a



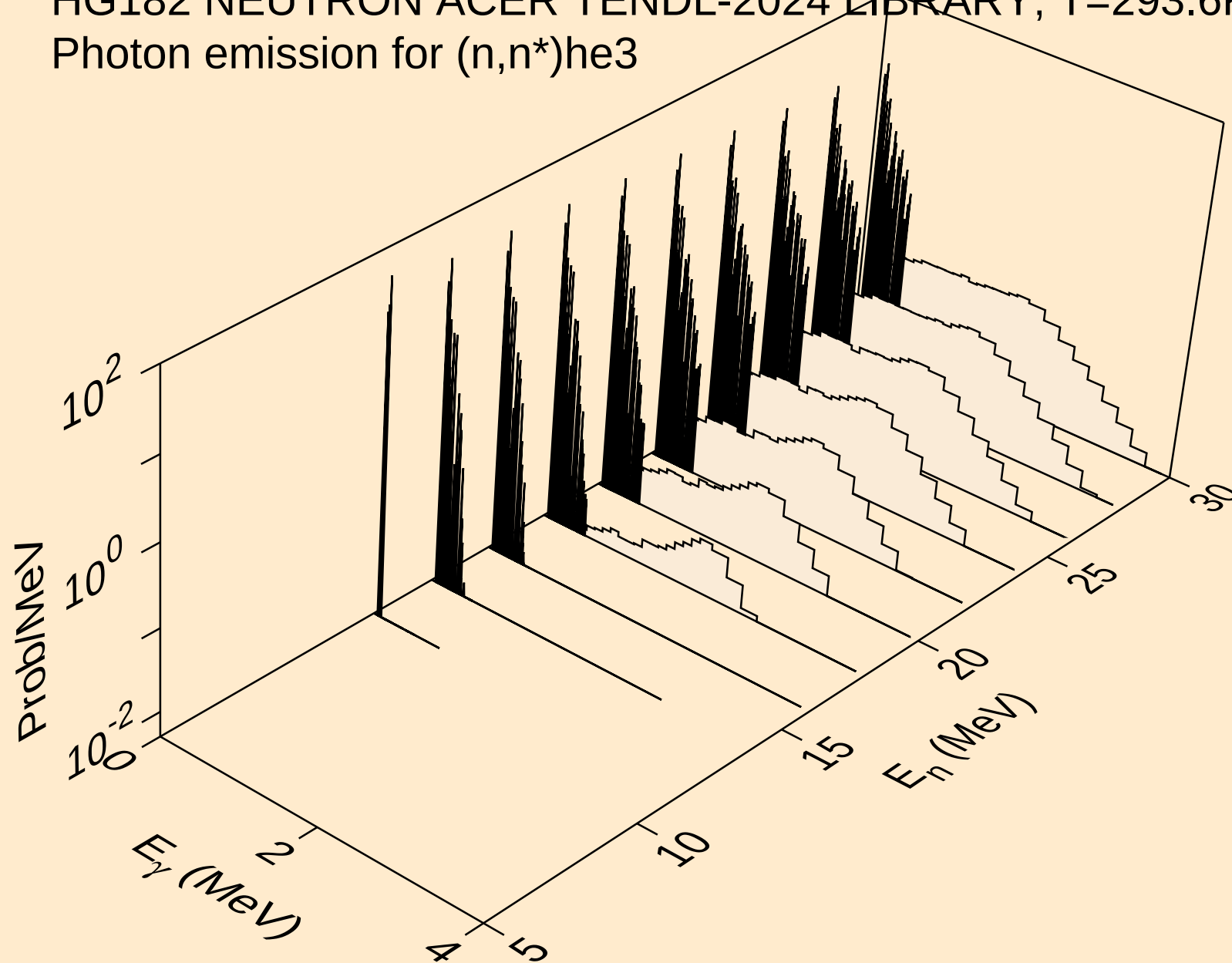
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



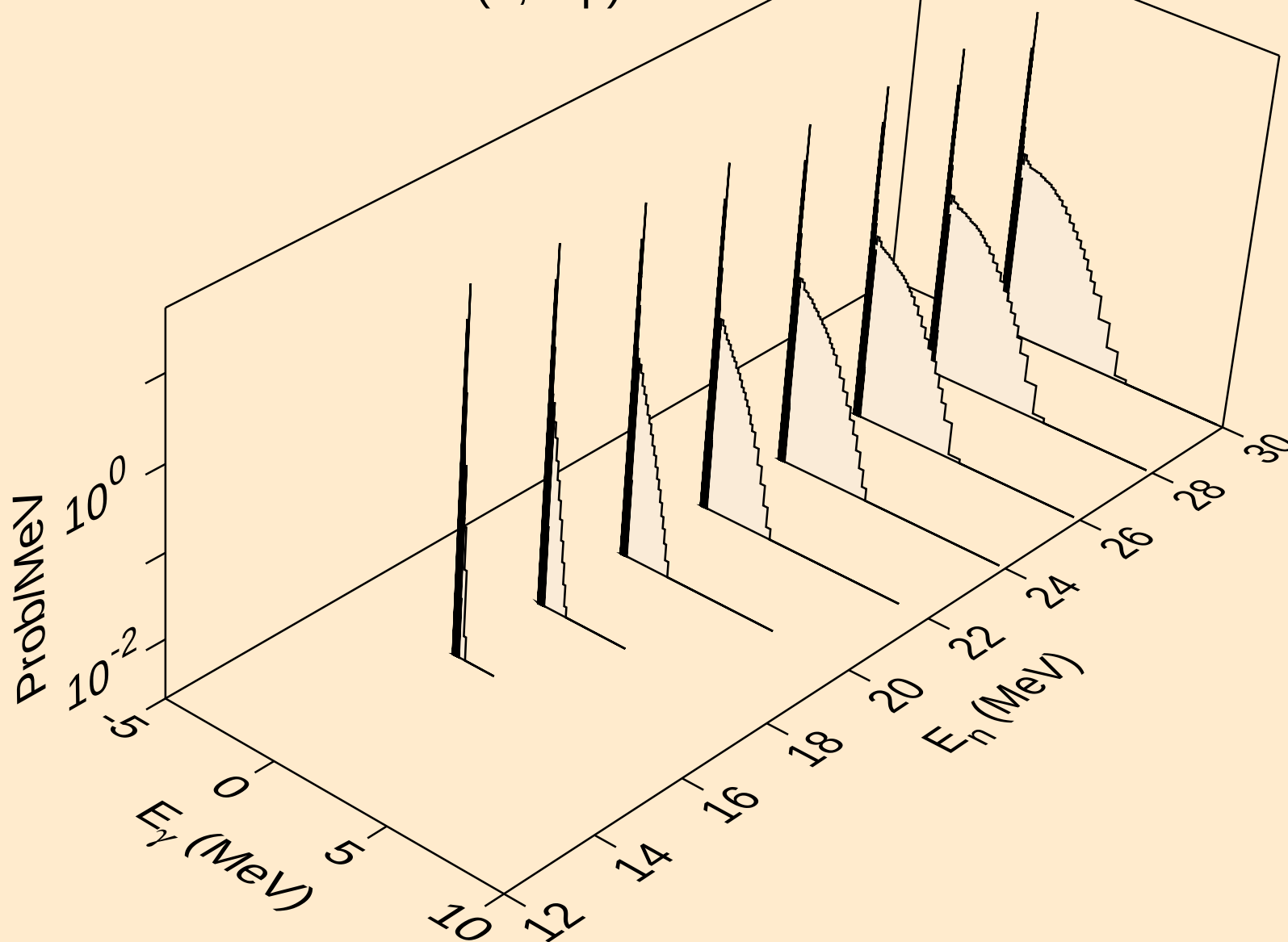
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



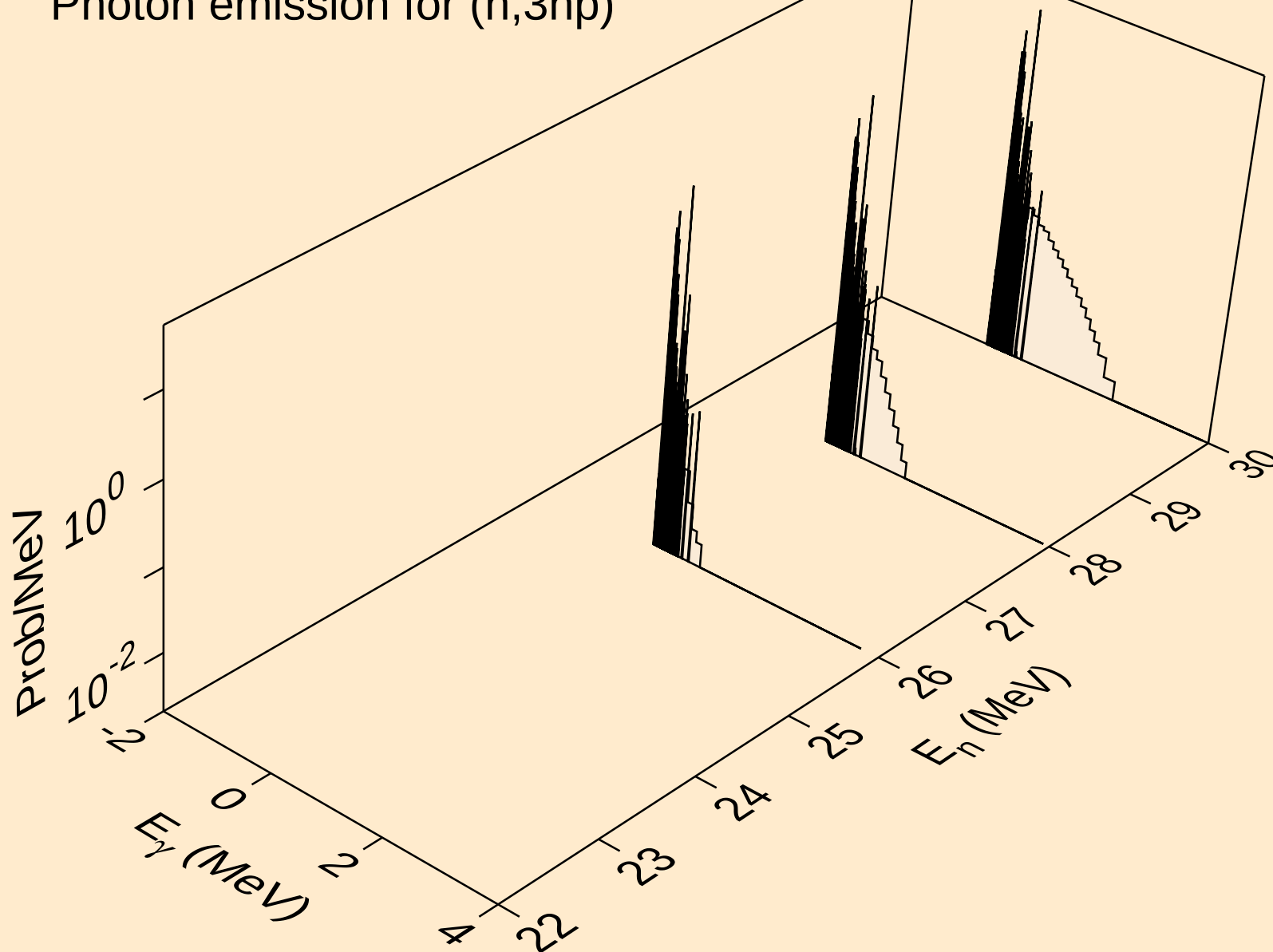
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



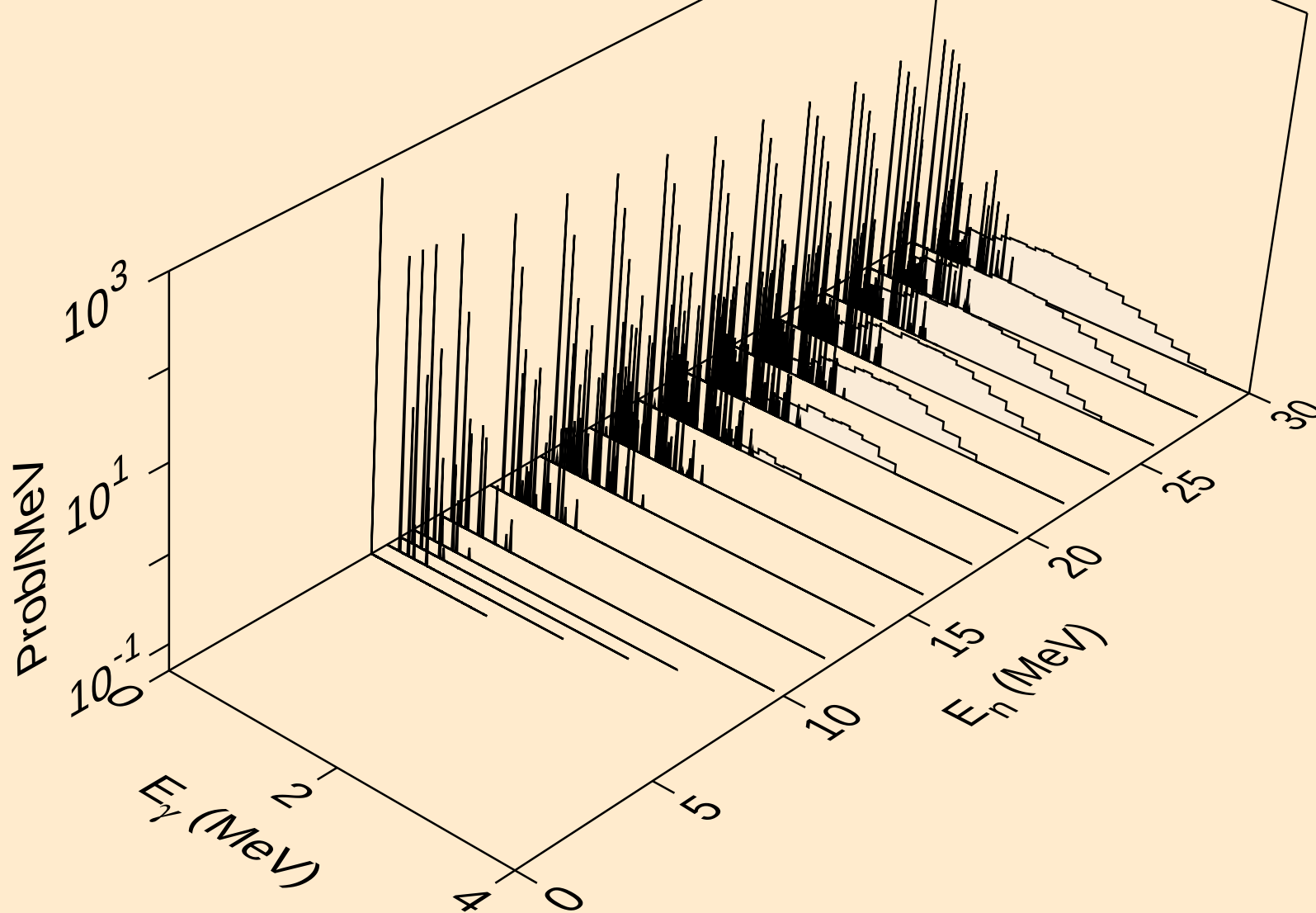
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



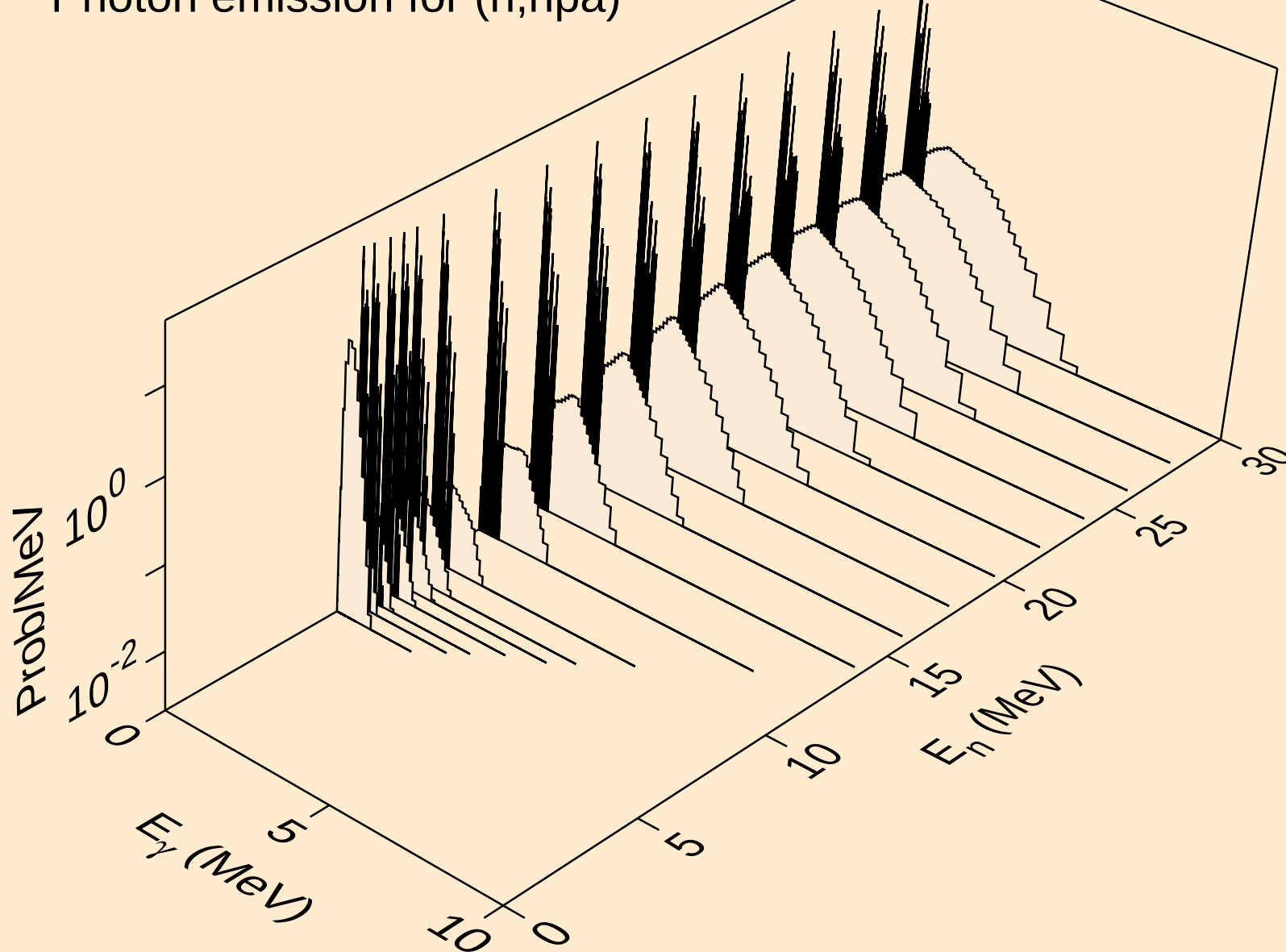
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Photon emission for (n,3np)



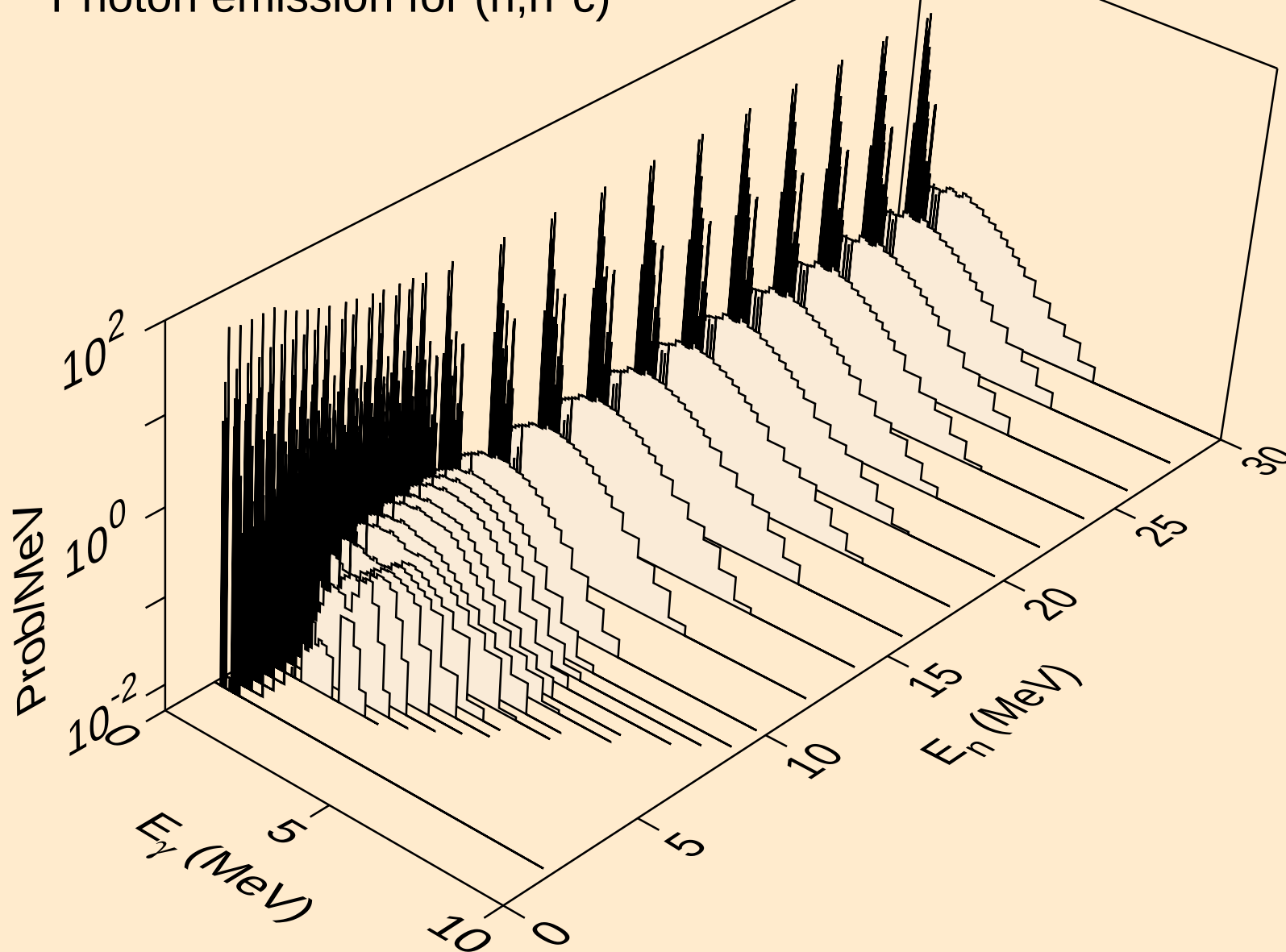
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Photon emission for (n,n2p)



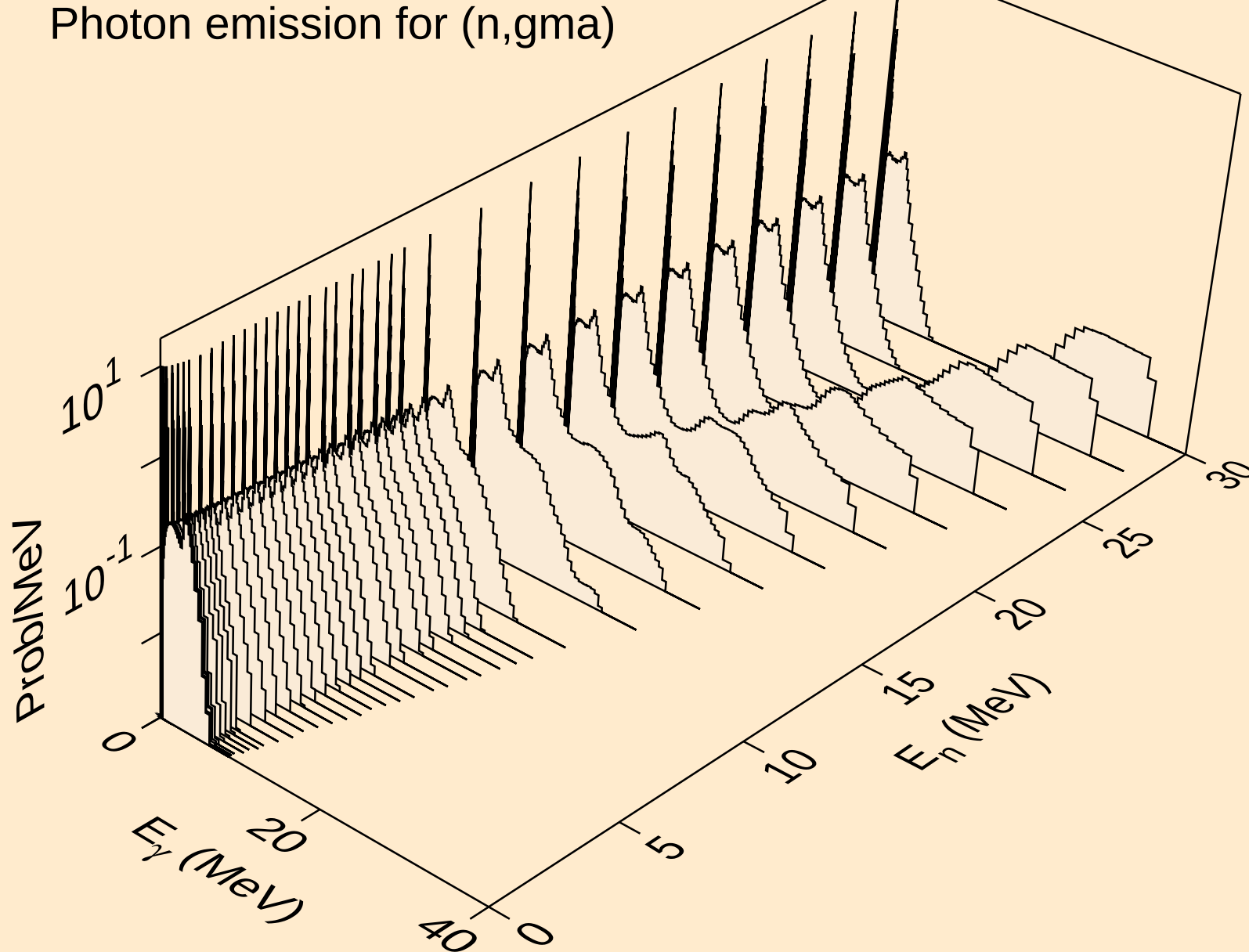
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



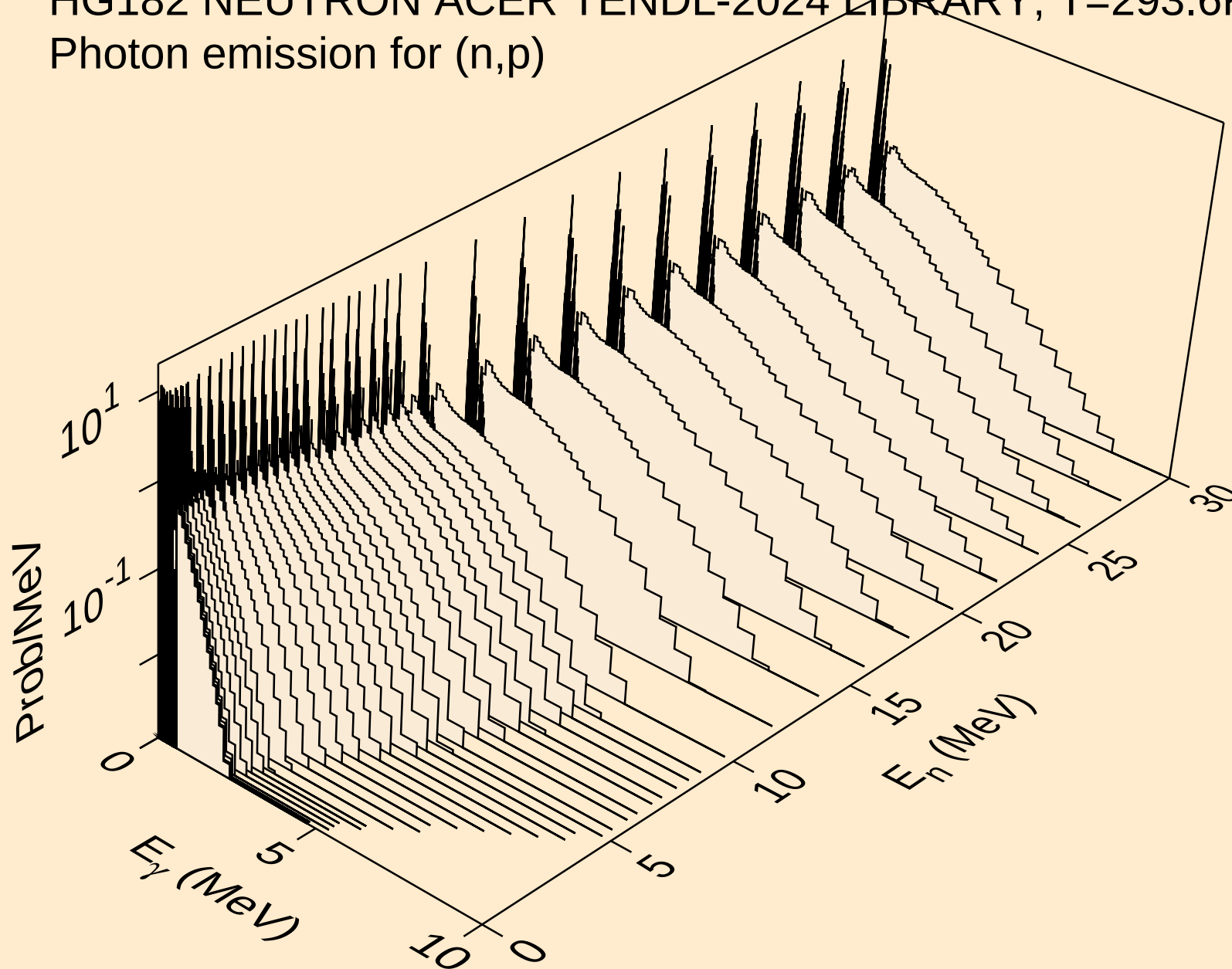
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Photon emission for (n,n\*c)



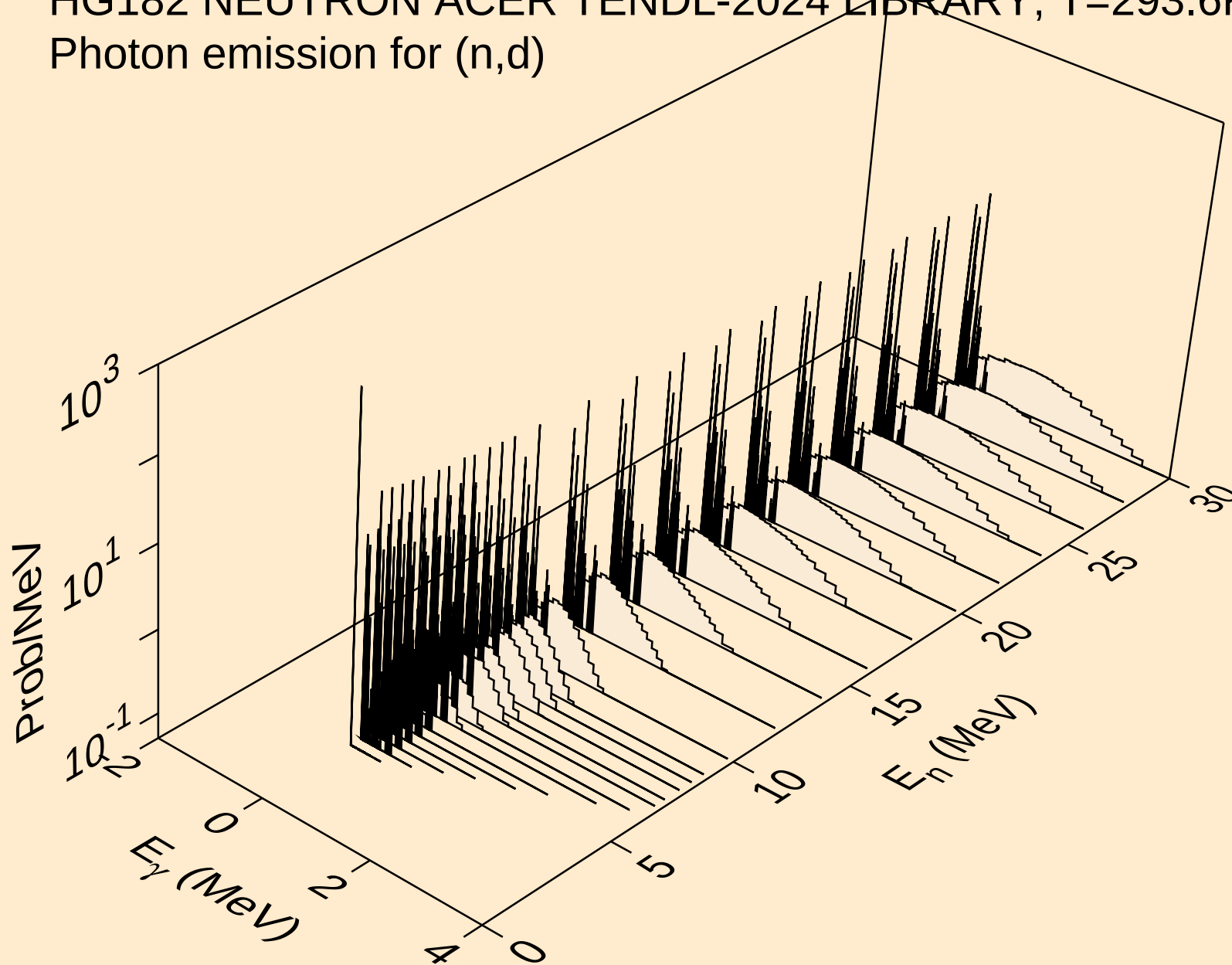
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Photon emission for (n,gma)



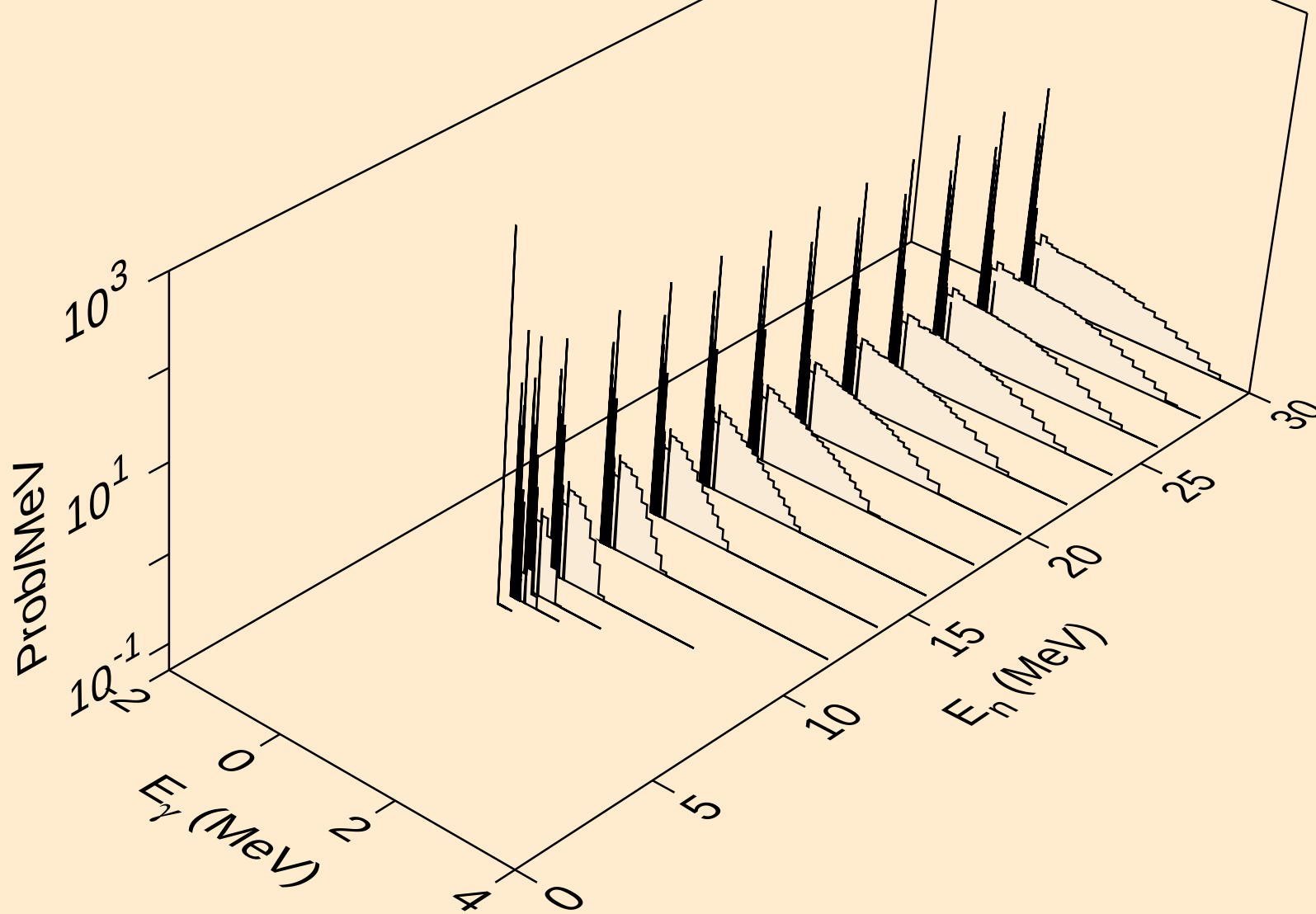
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Photon emission for (n,p)



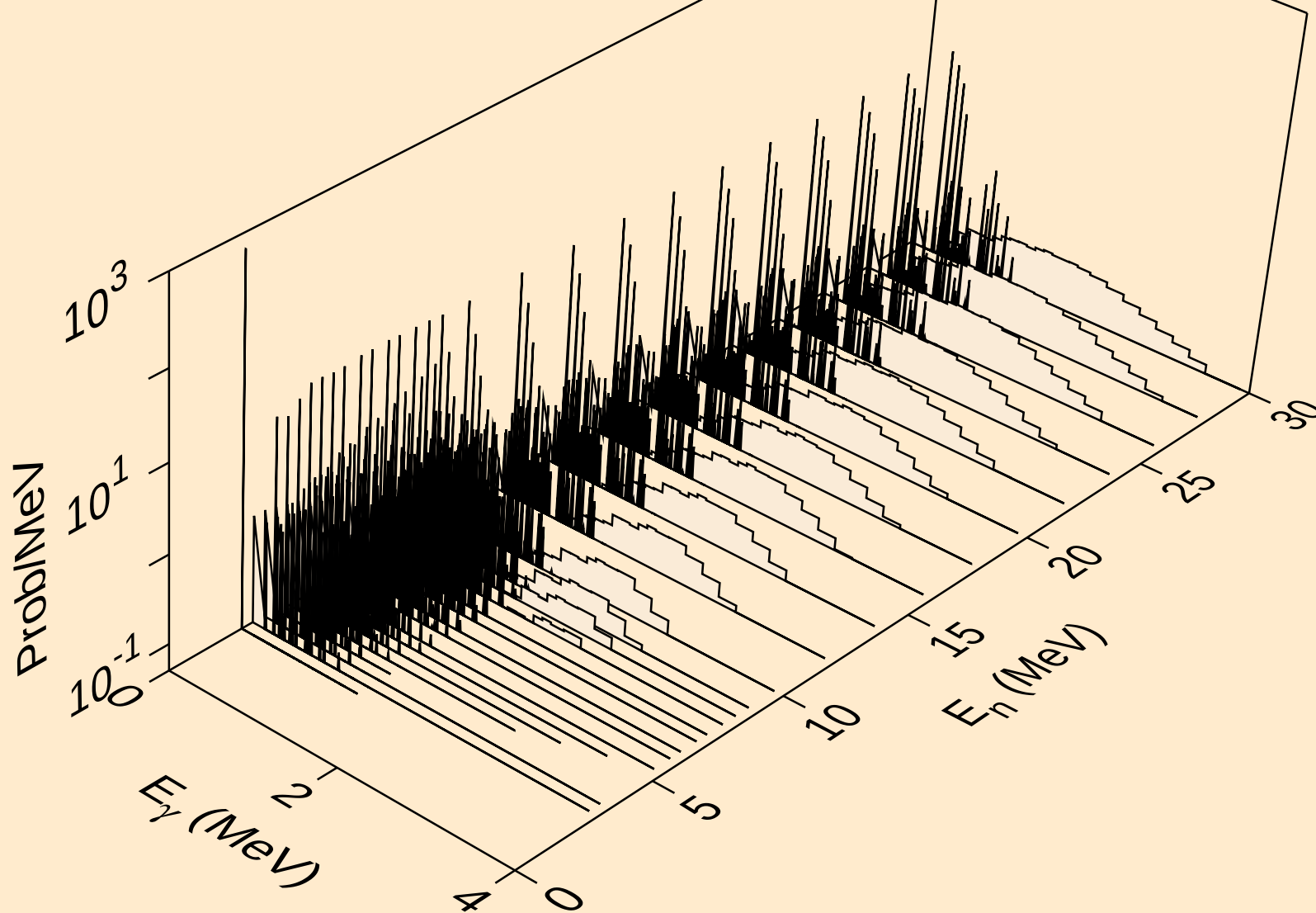
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Photon emission for (n,d)



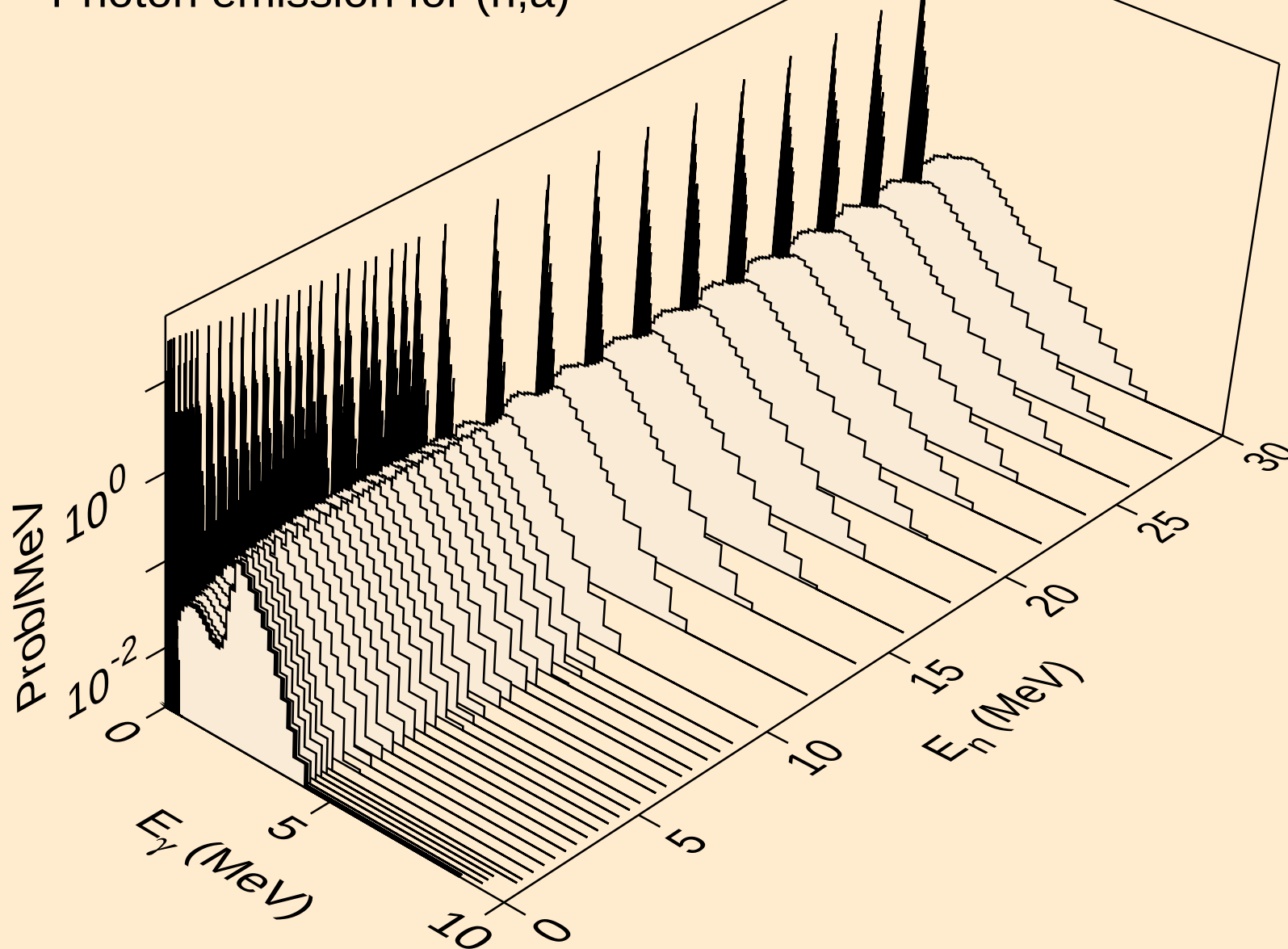
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



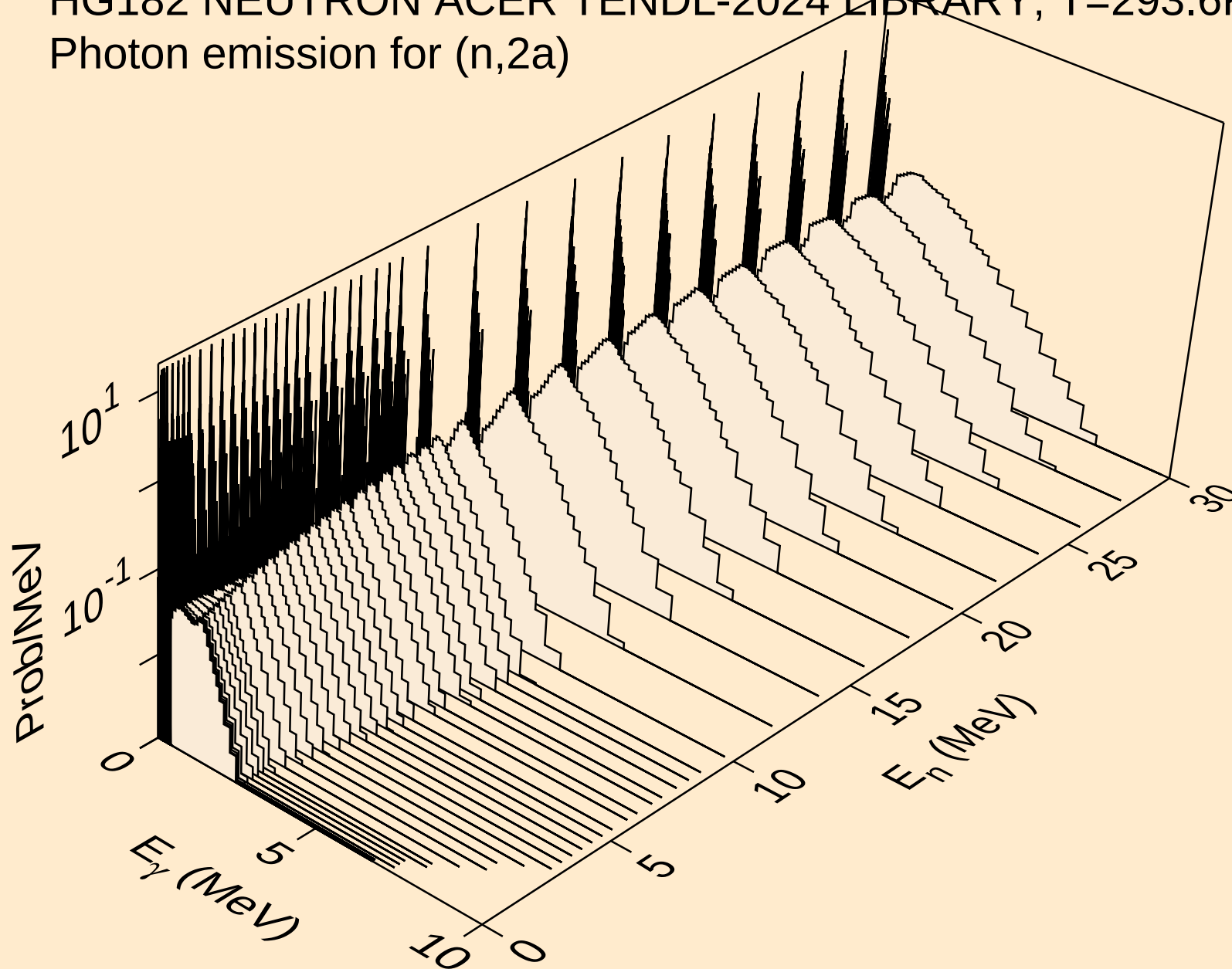
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



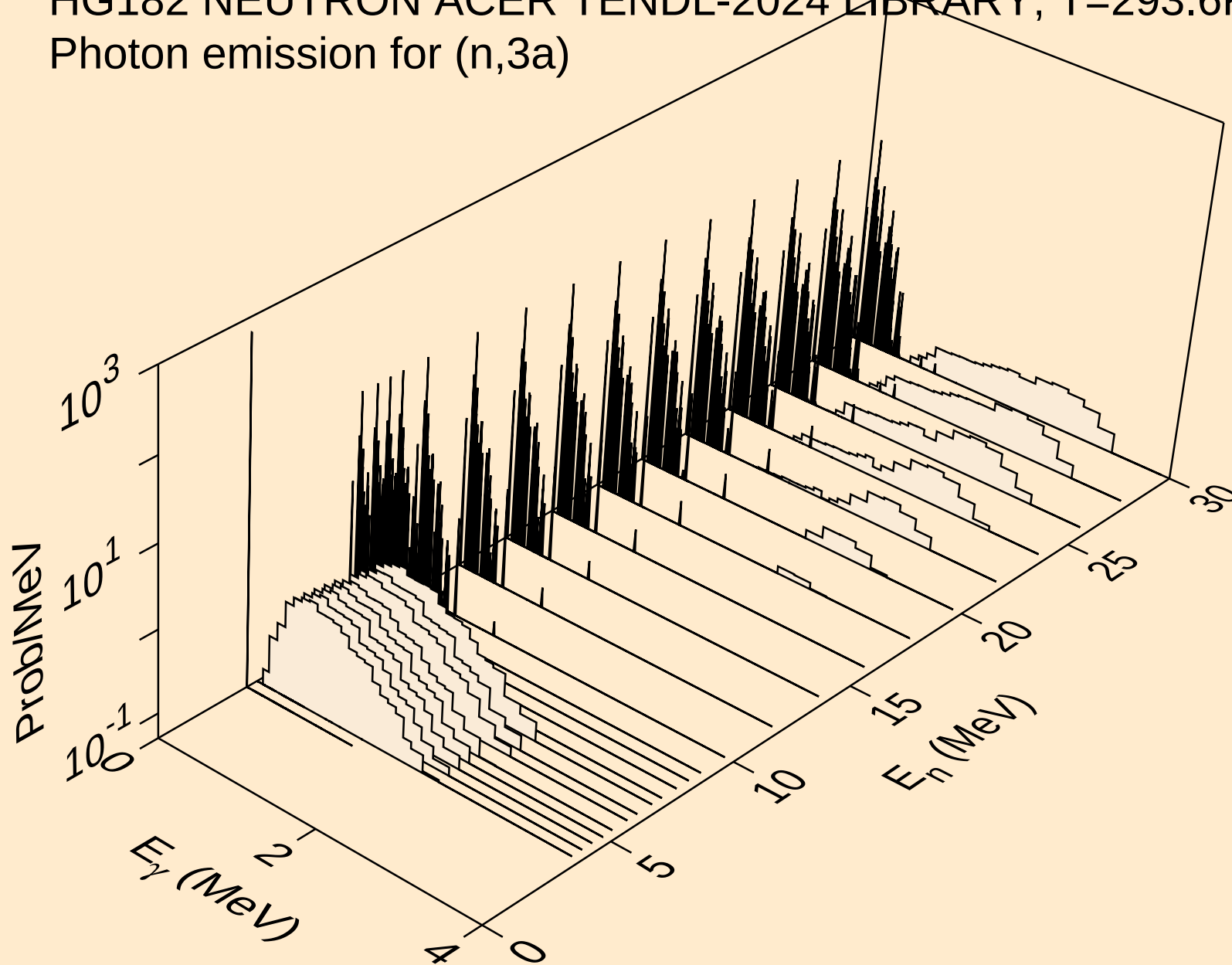
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



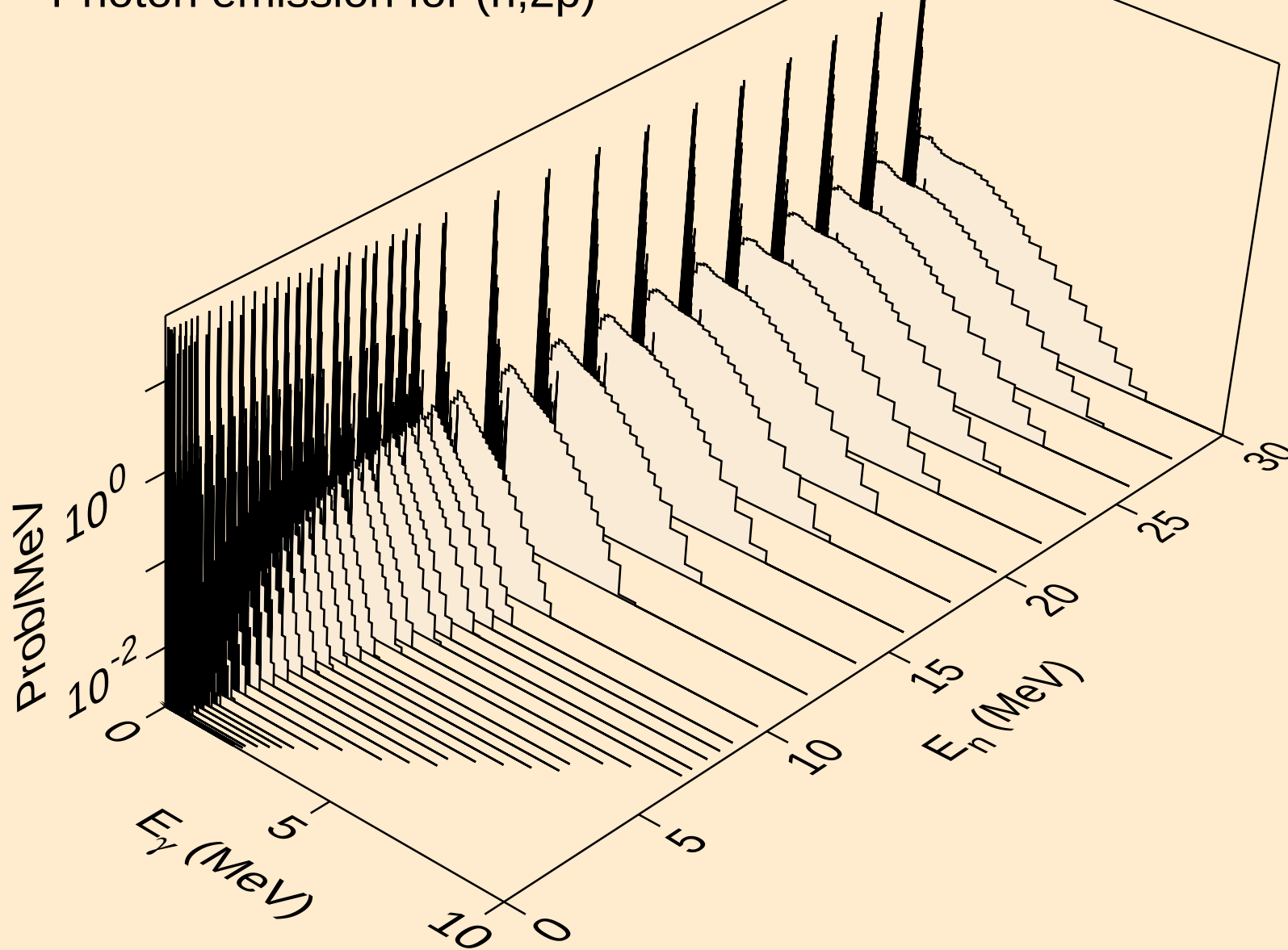
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



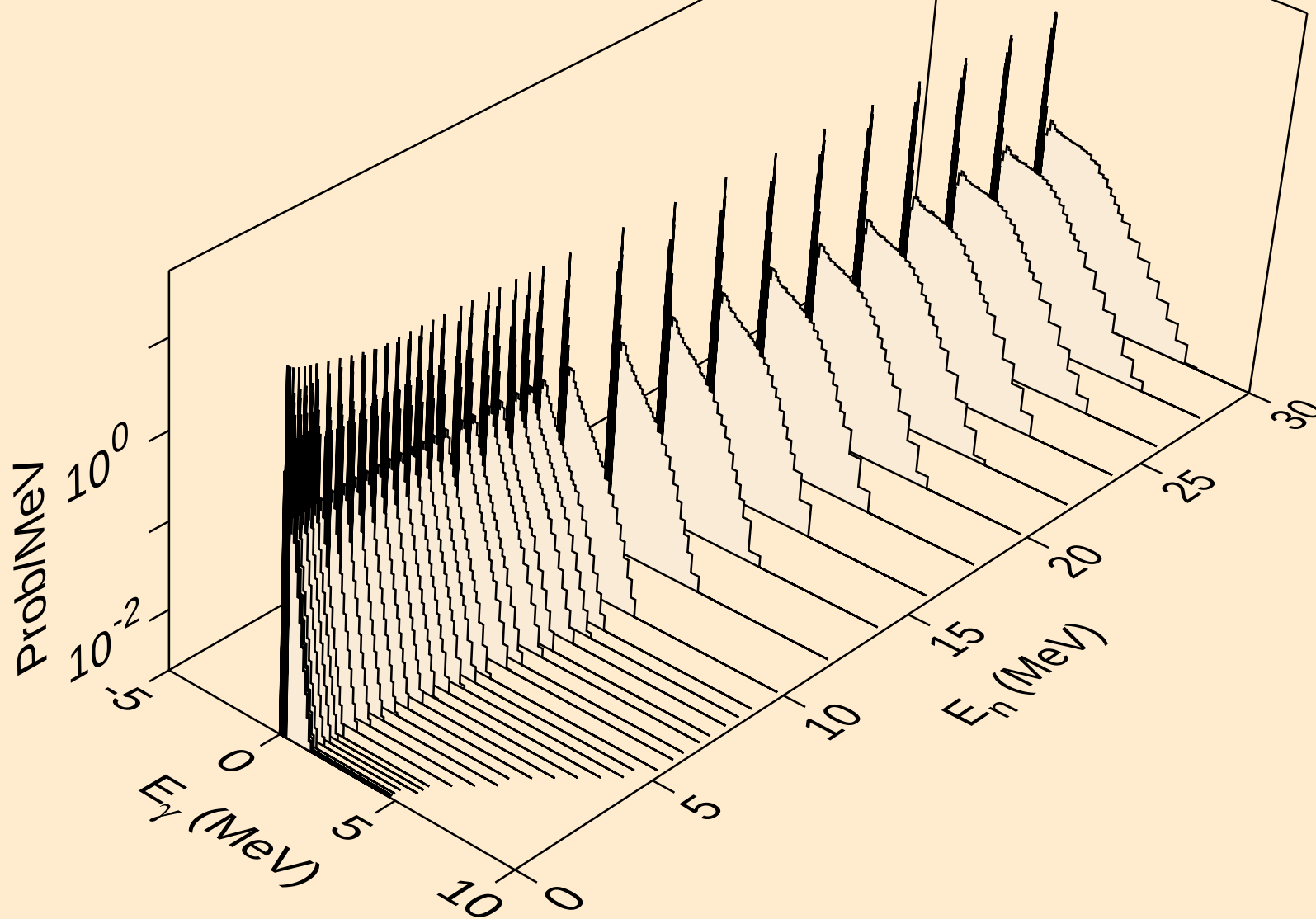
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



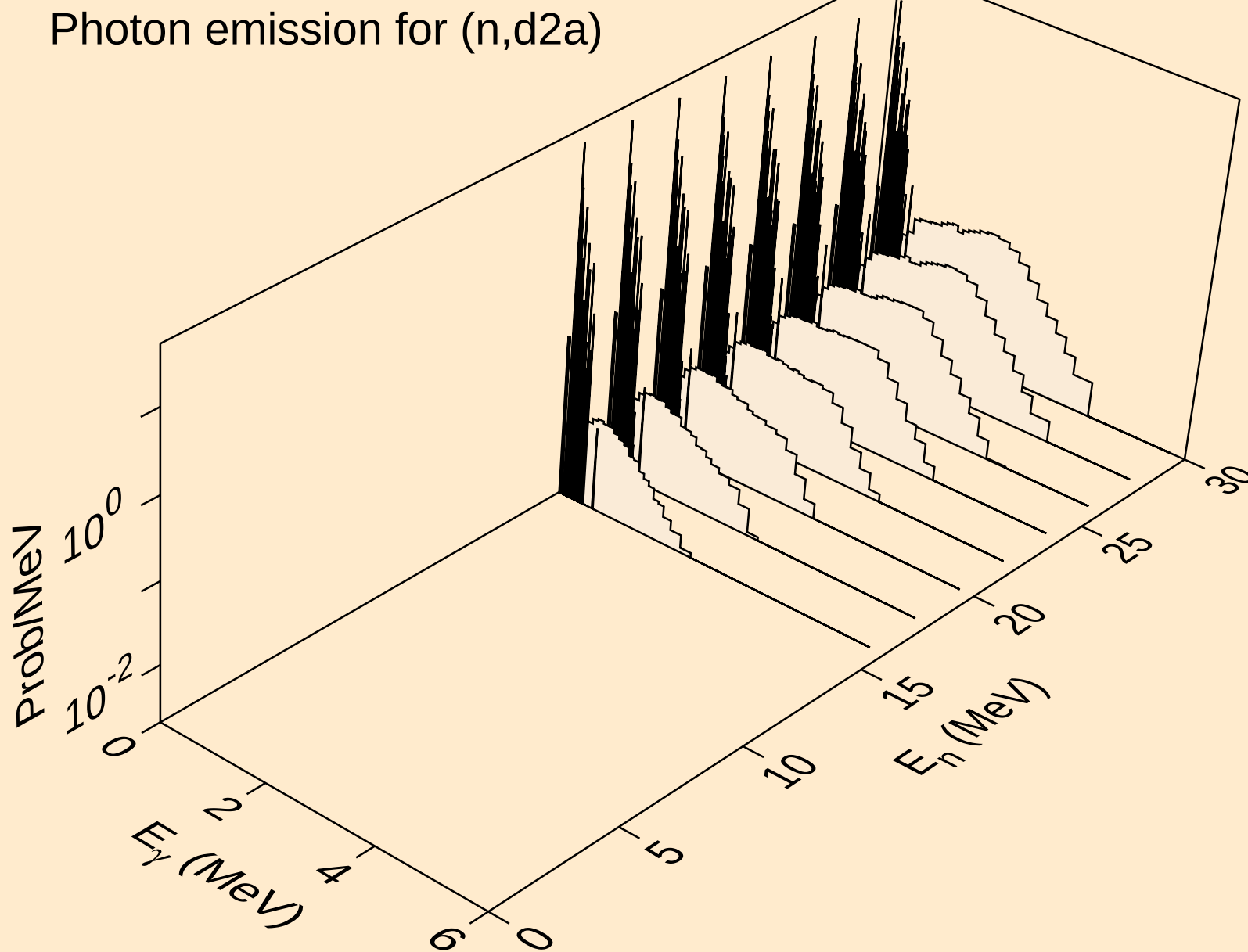
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Photon emission for (n,2p)



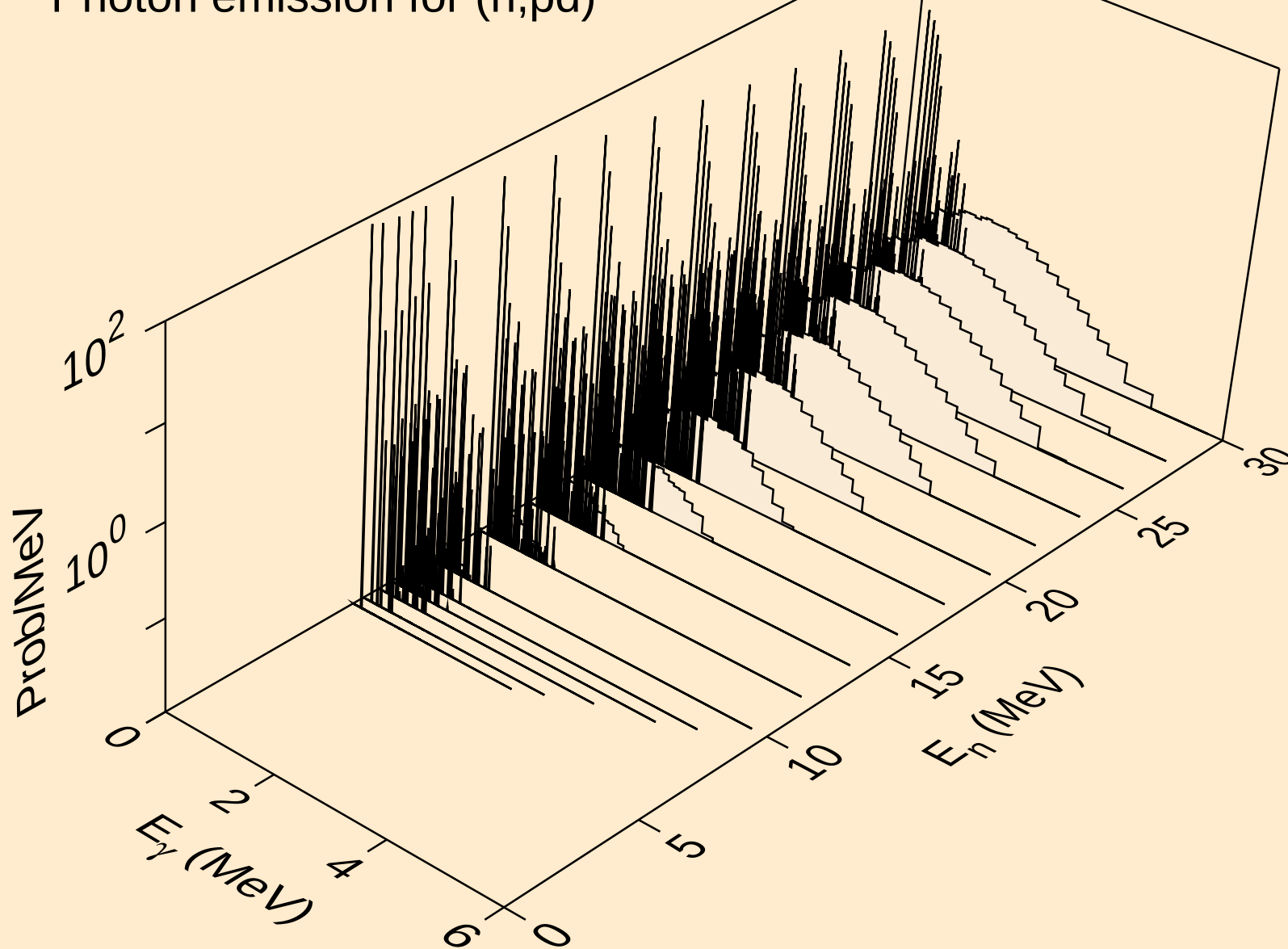
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Photon emission for (n,p $\alpha$ )



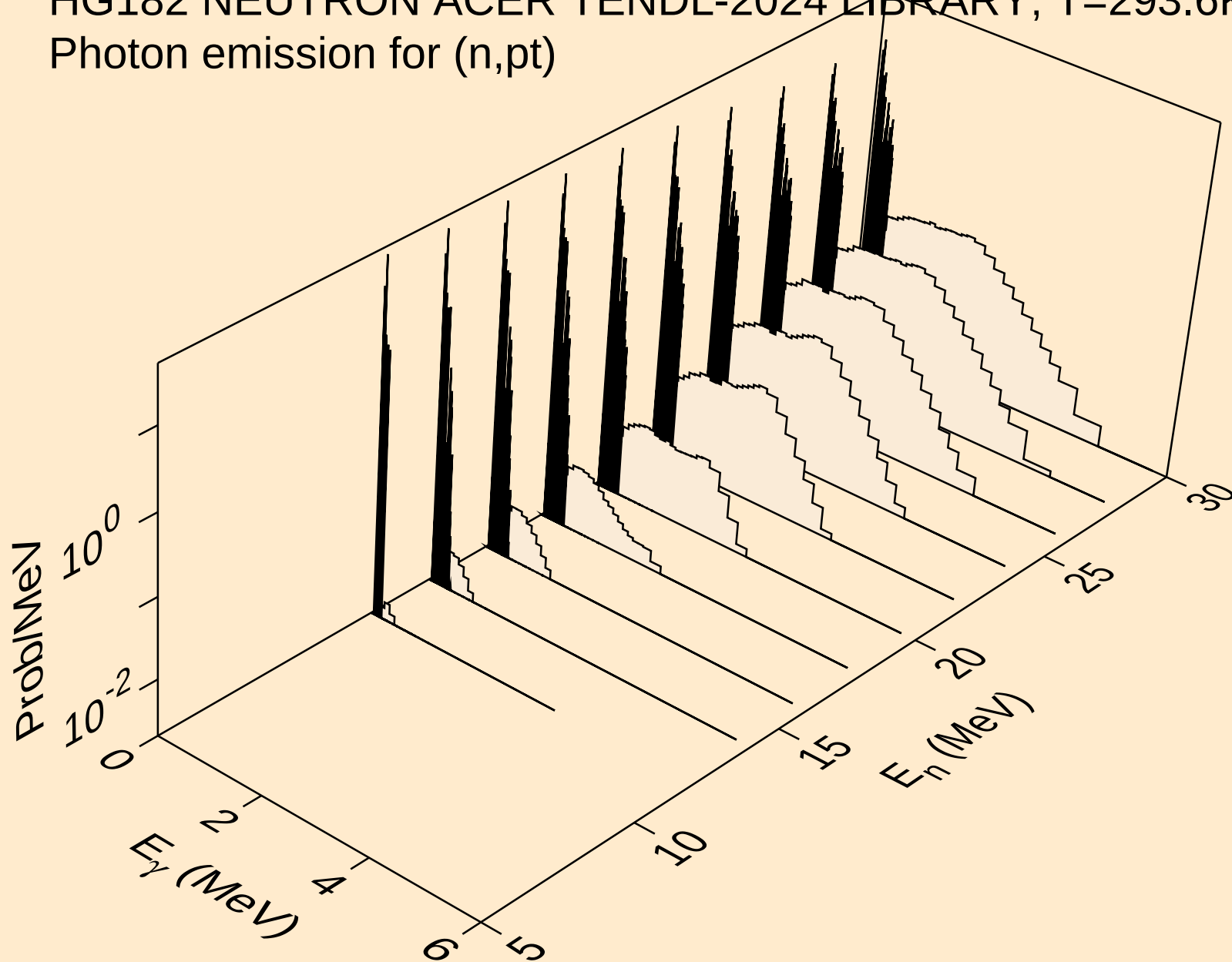
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Photon emission for (n,d2a)



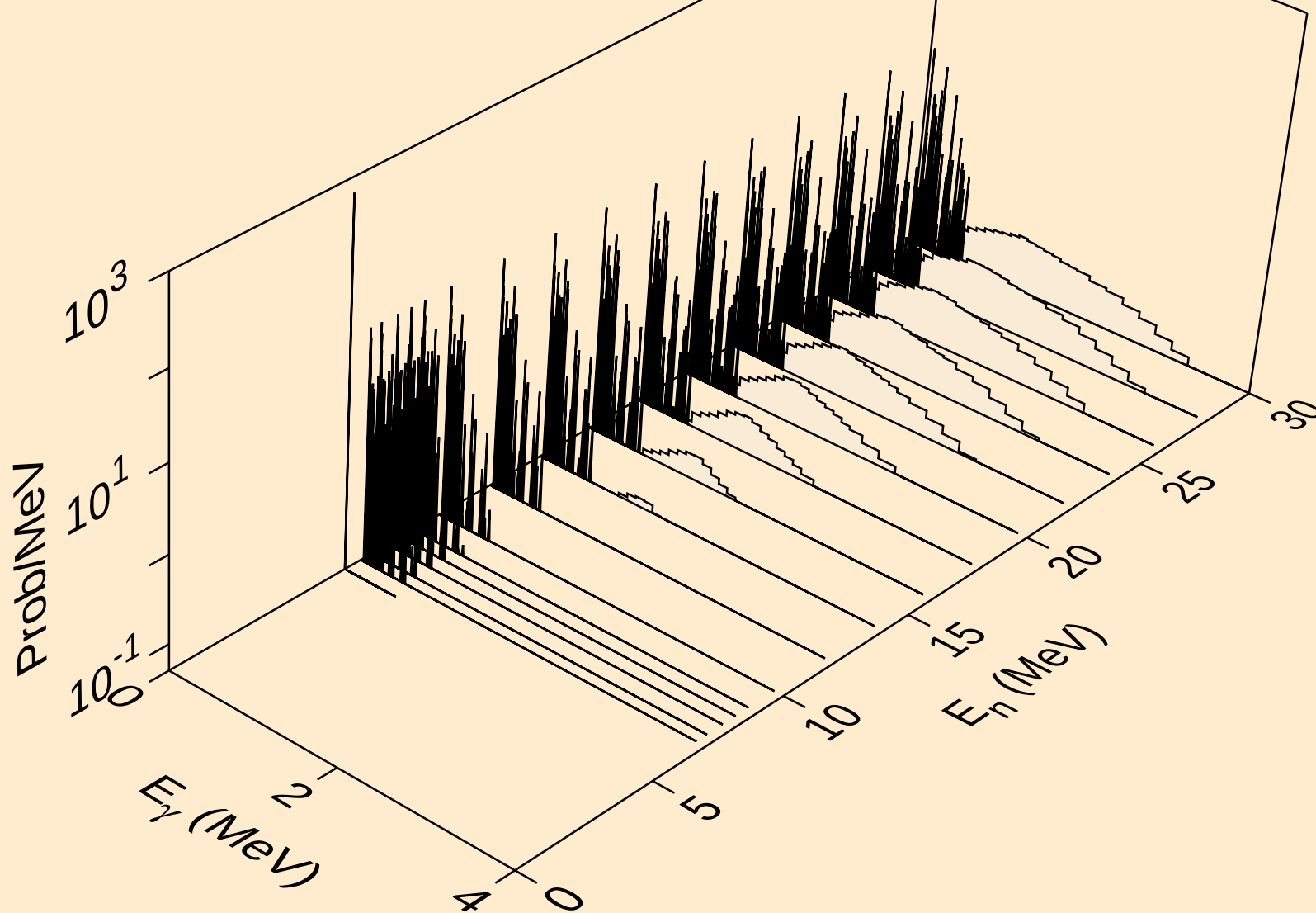
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



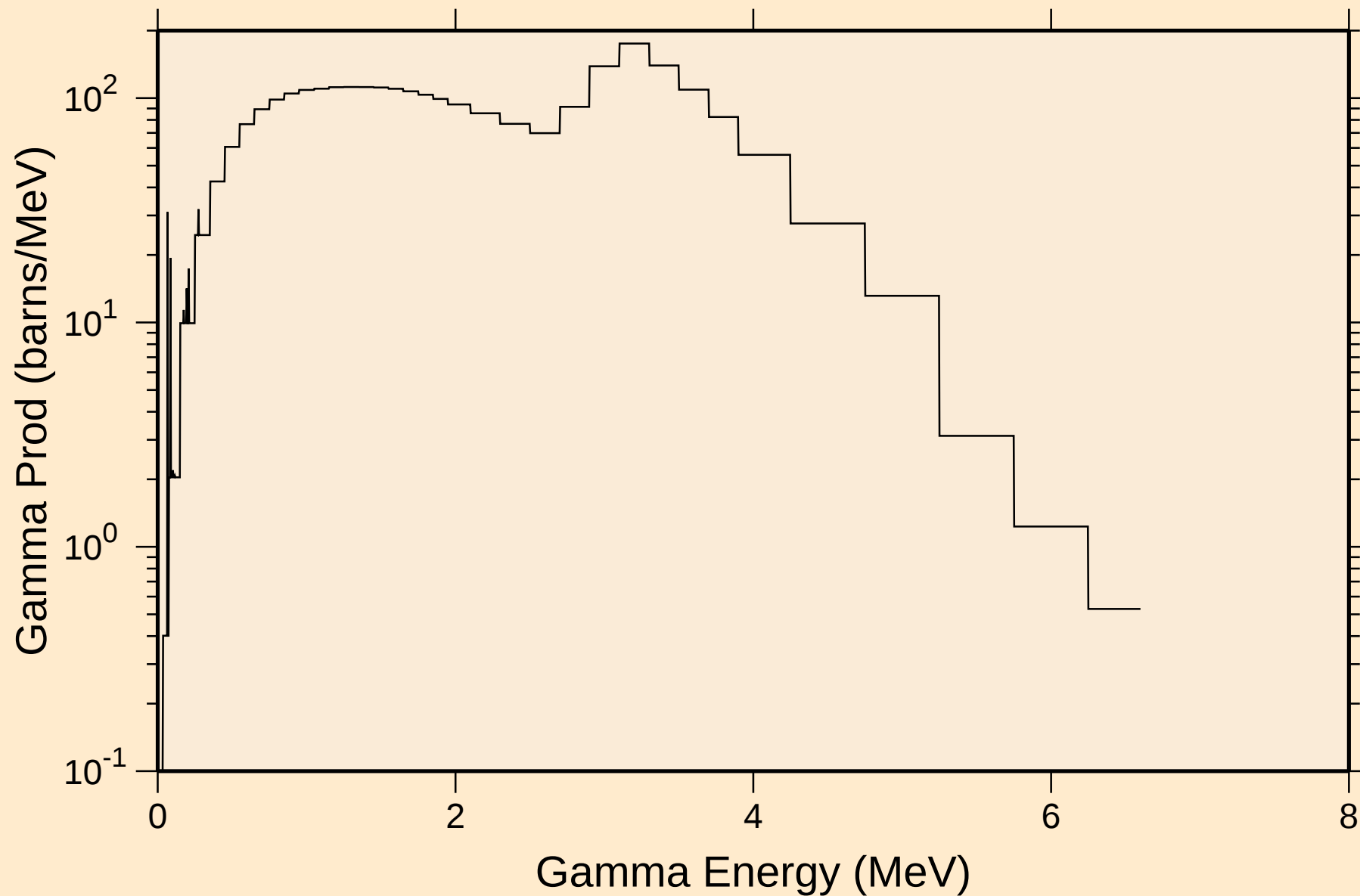
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



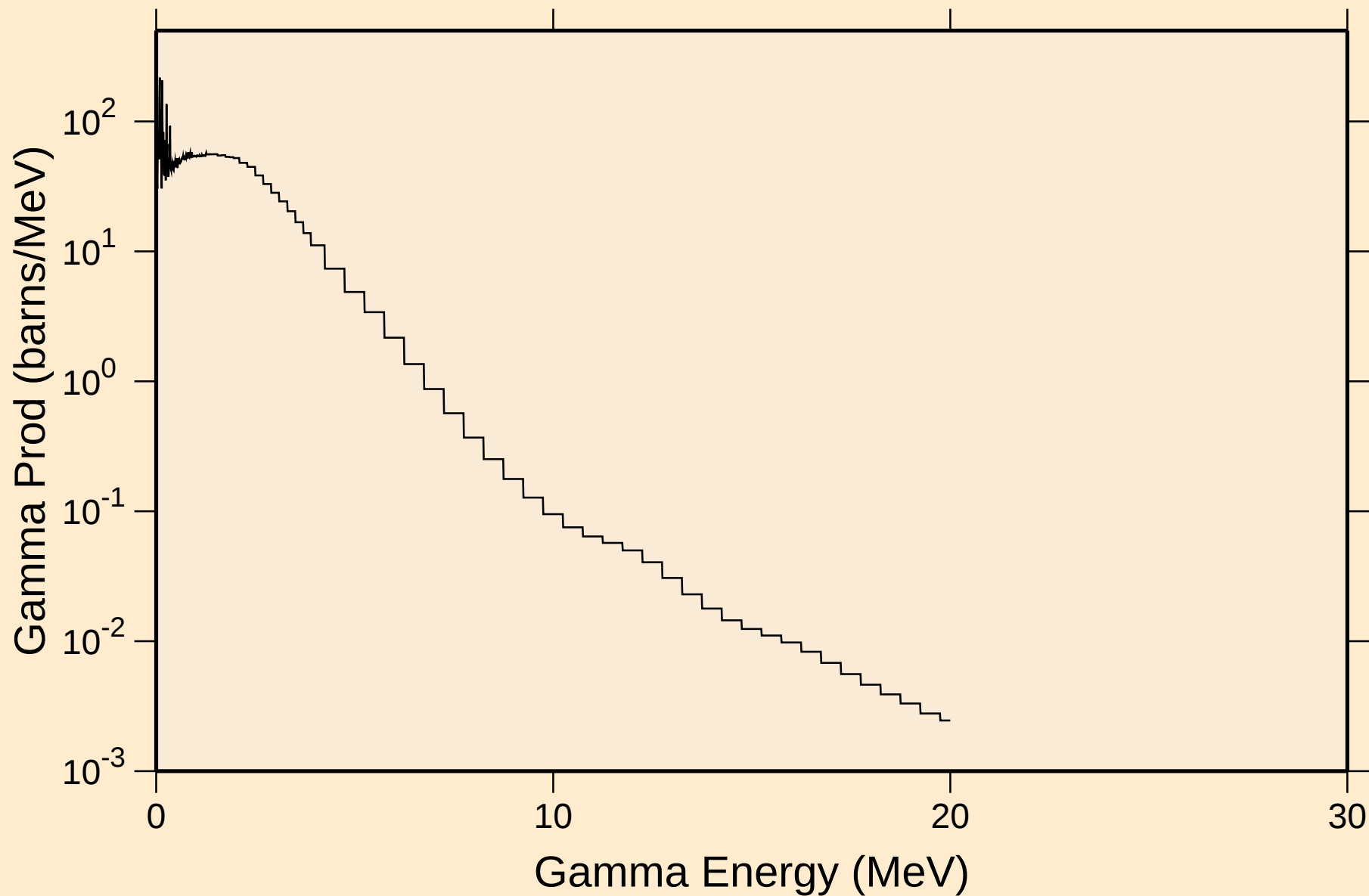
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

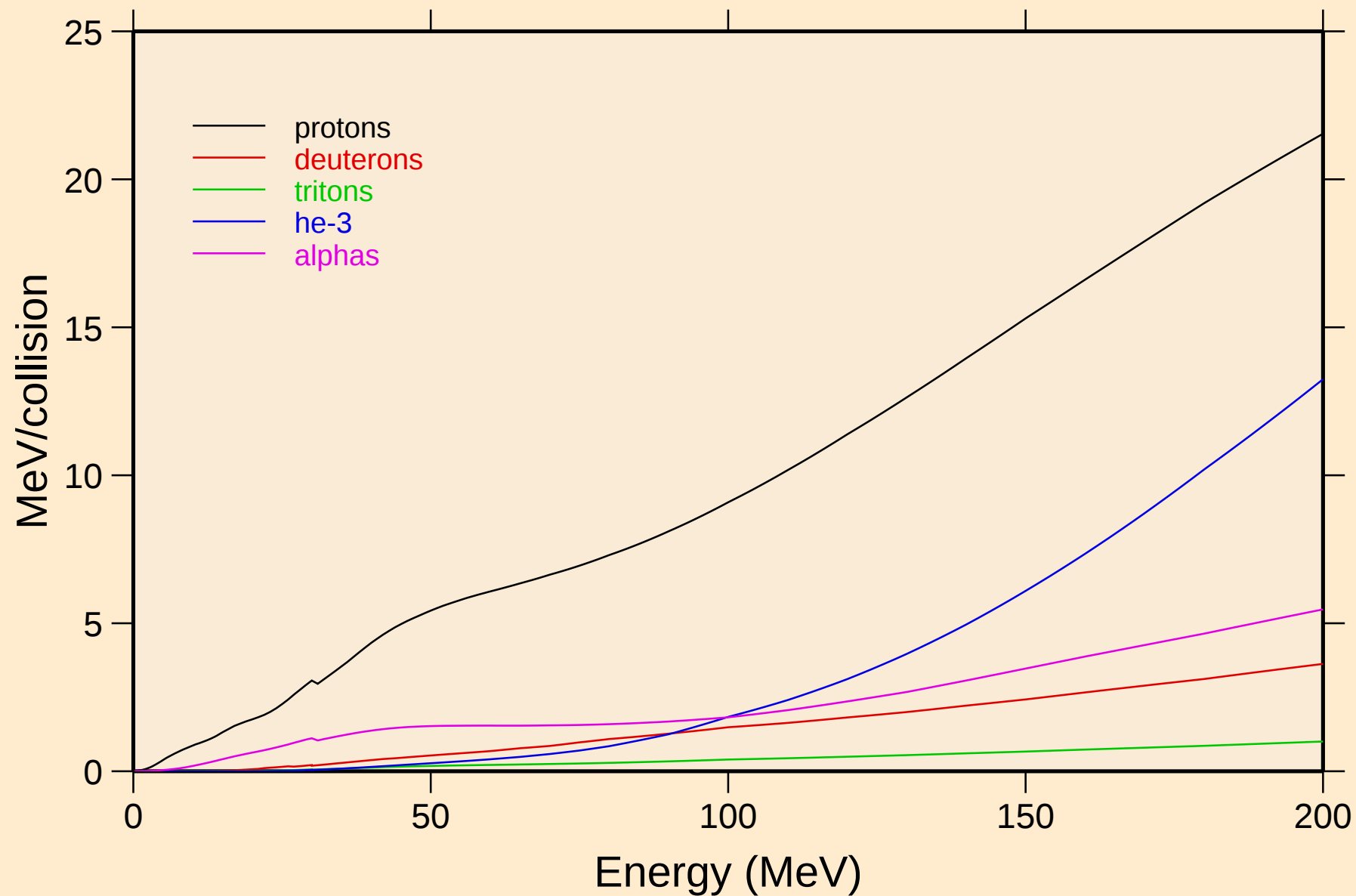


HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



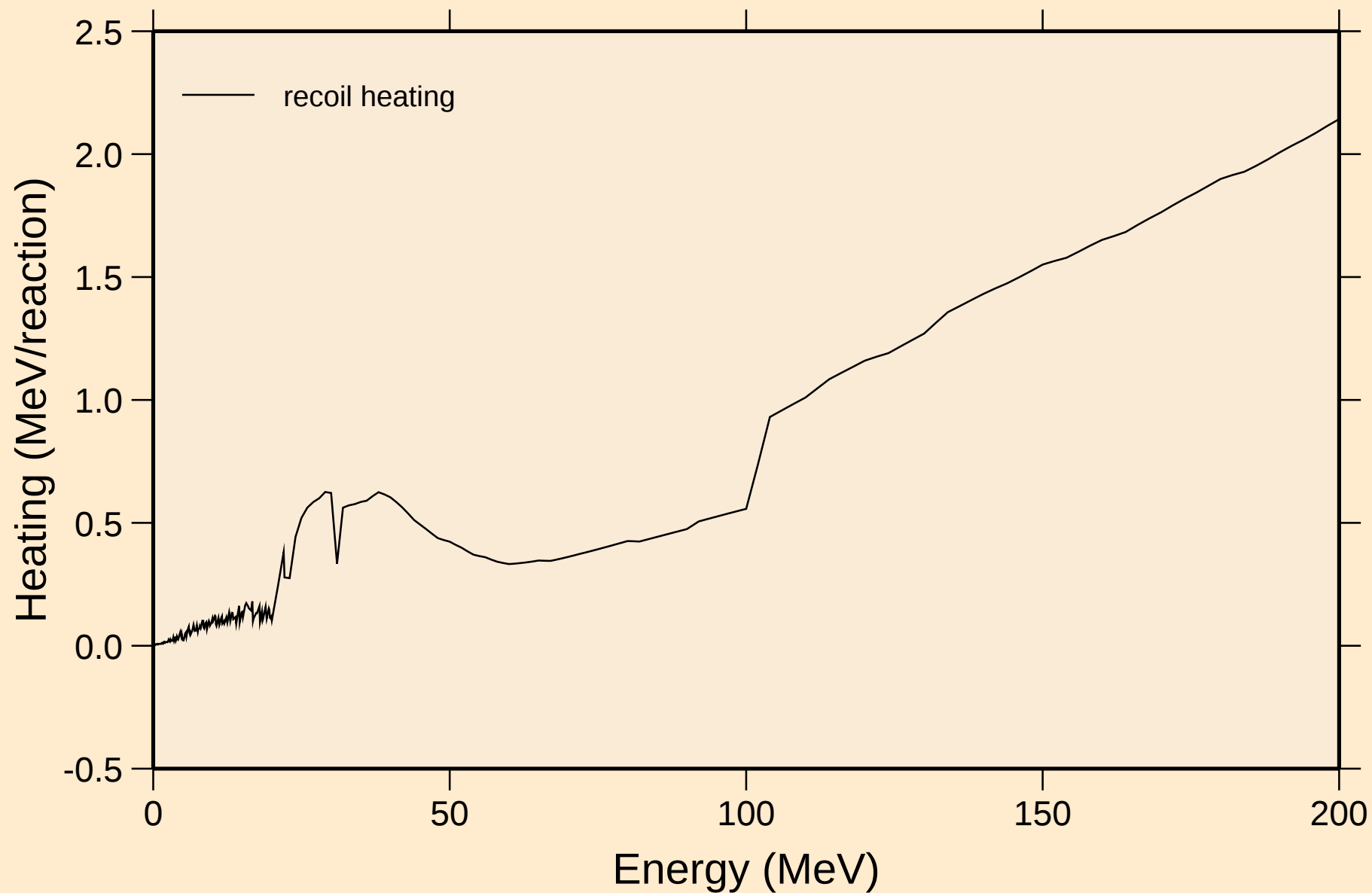
# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

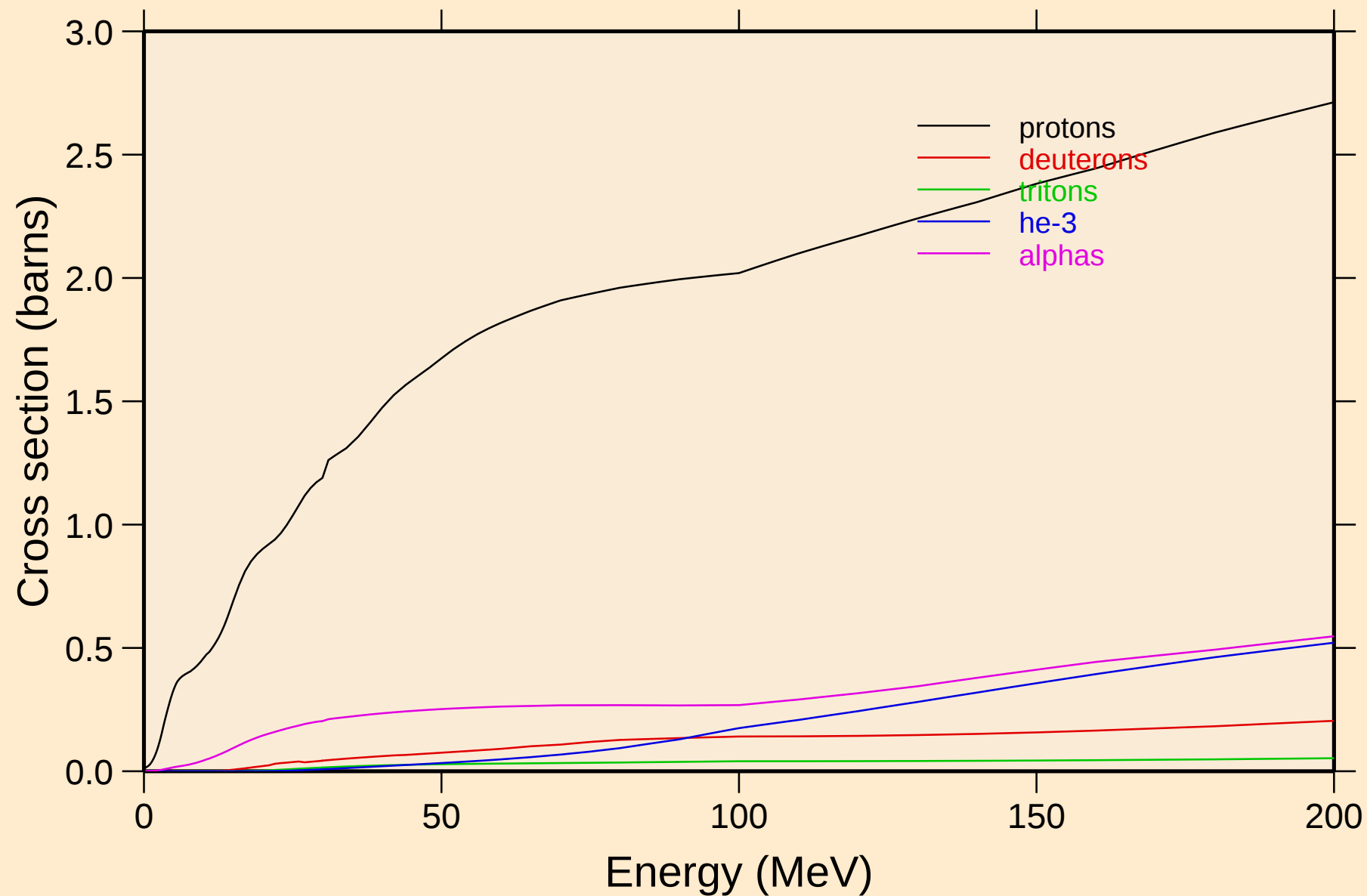


# HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

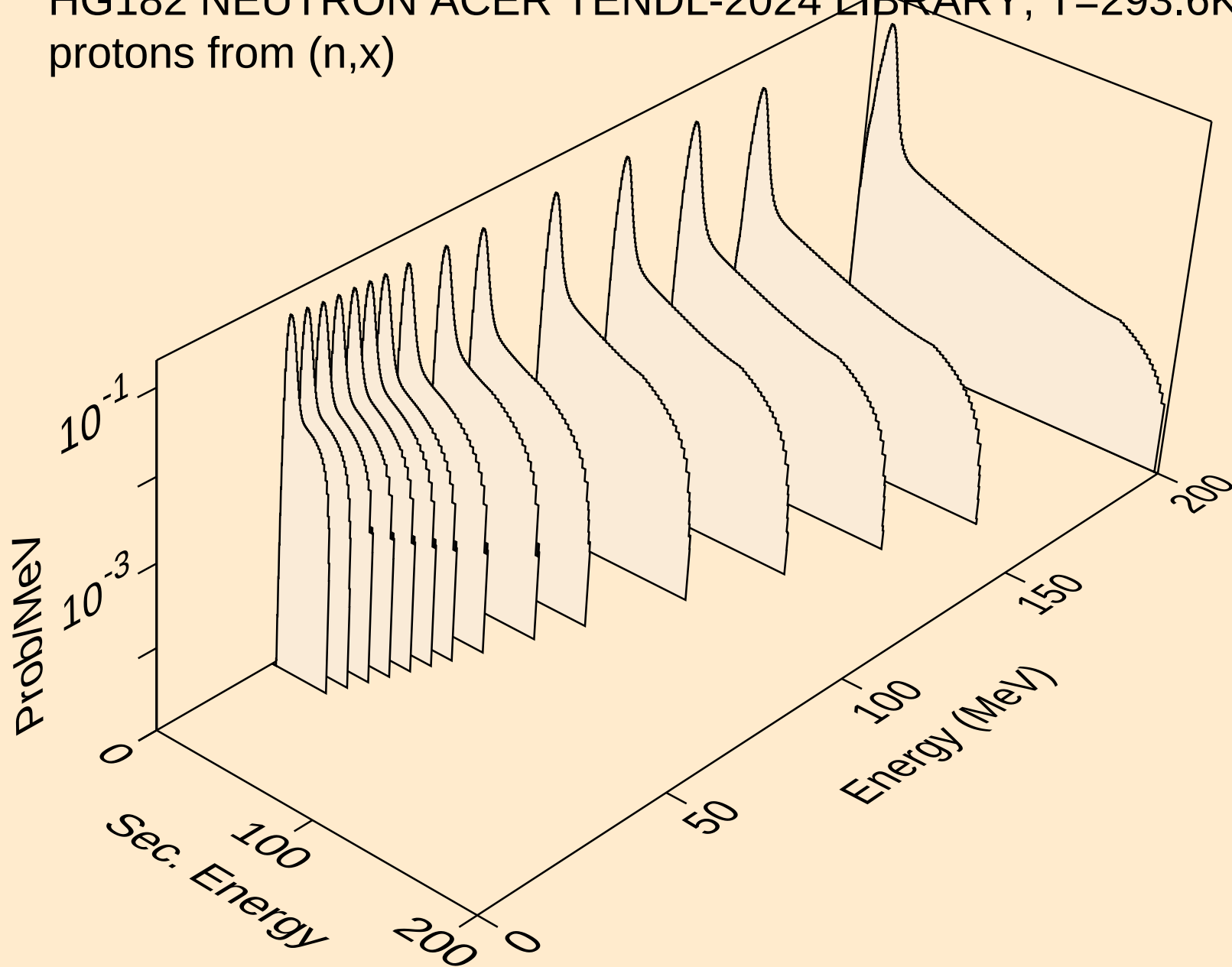
## Recoil Heating



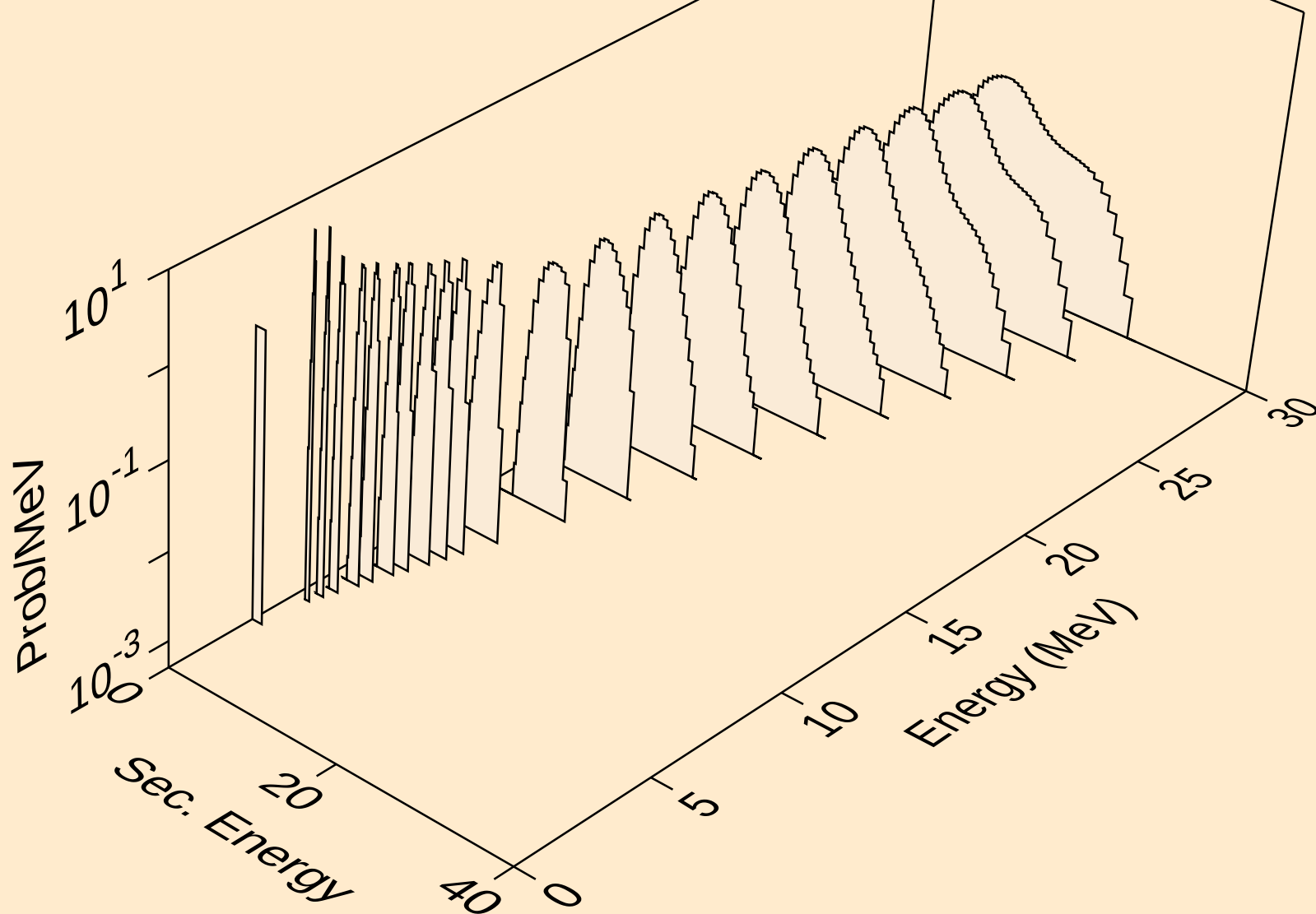
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



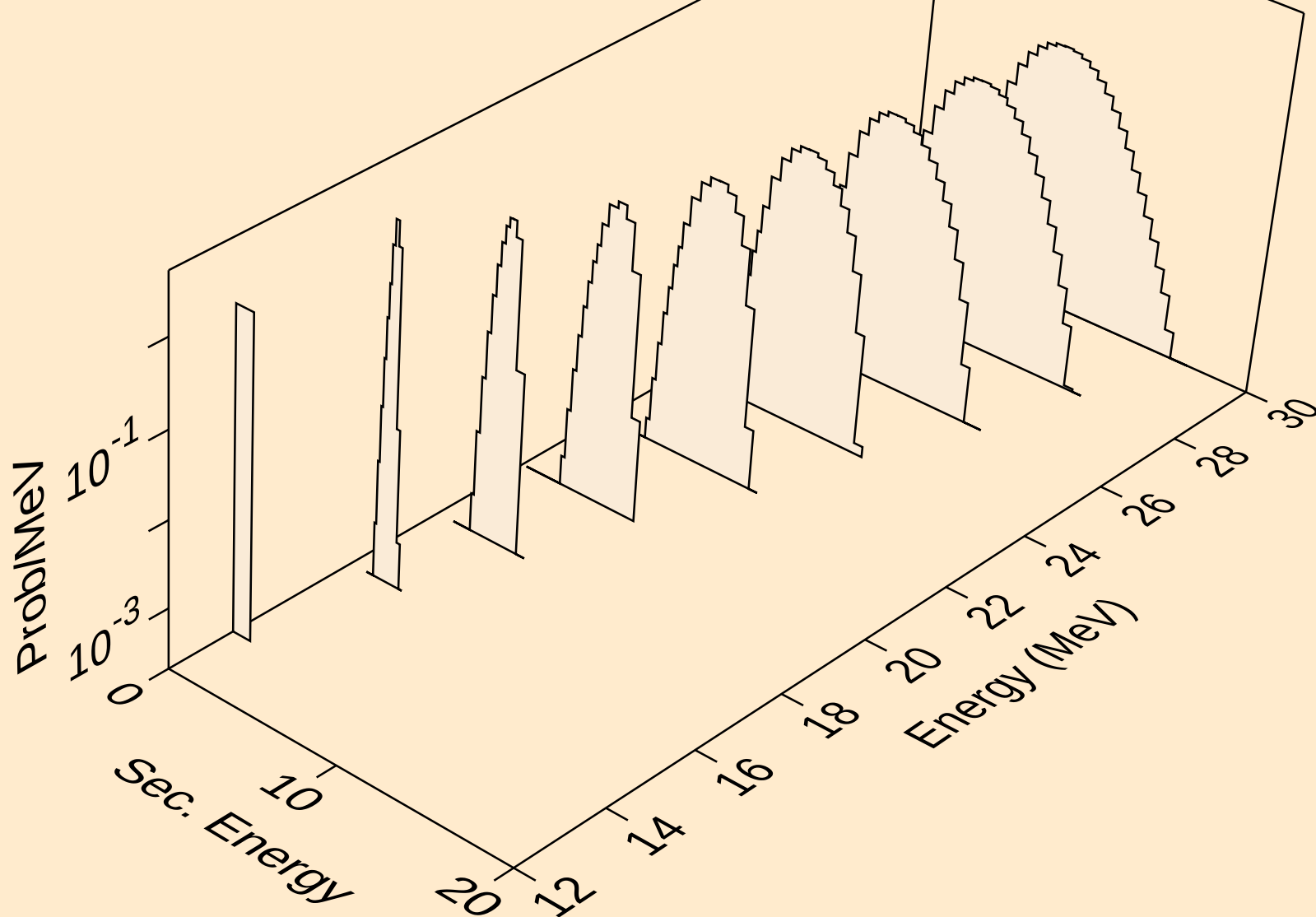
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



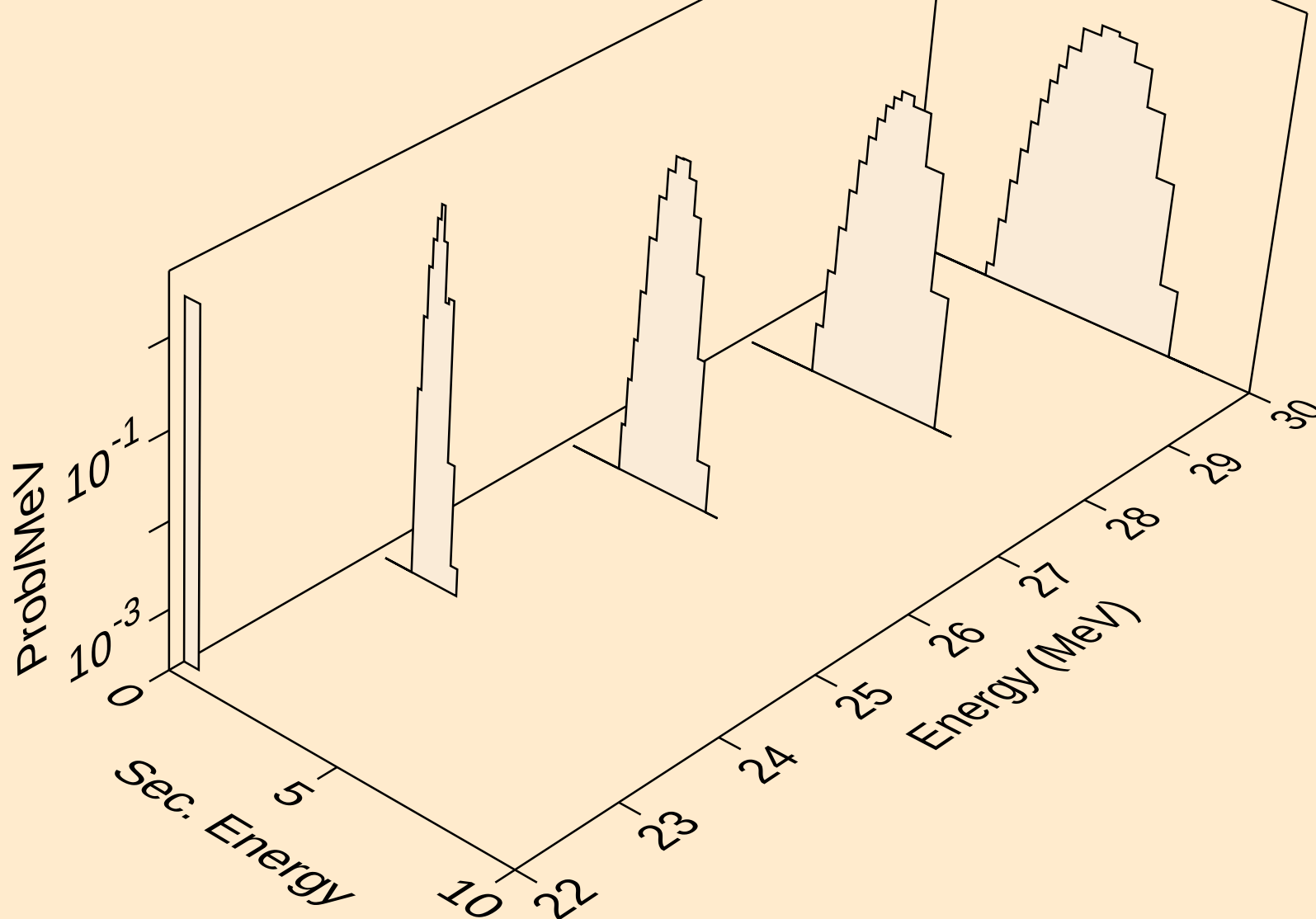
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



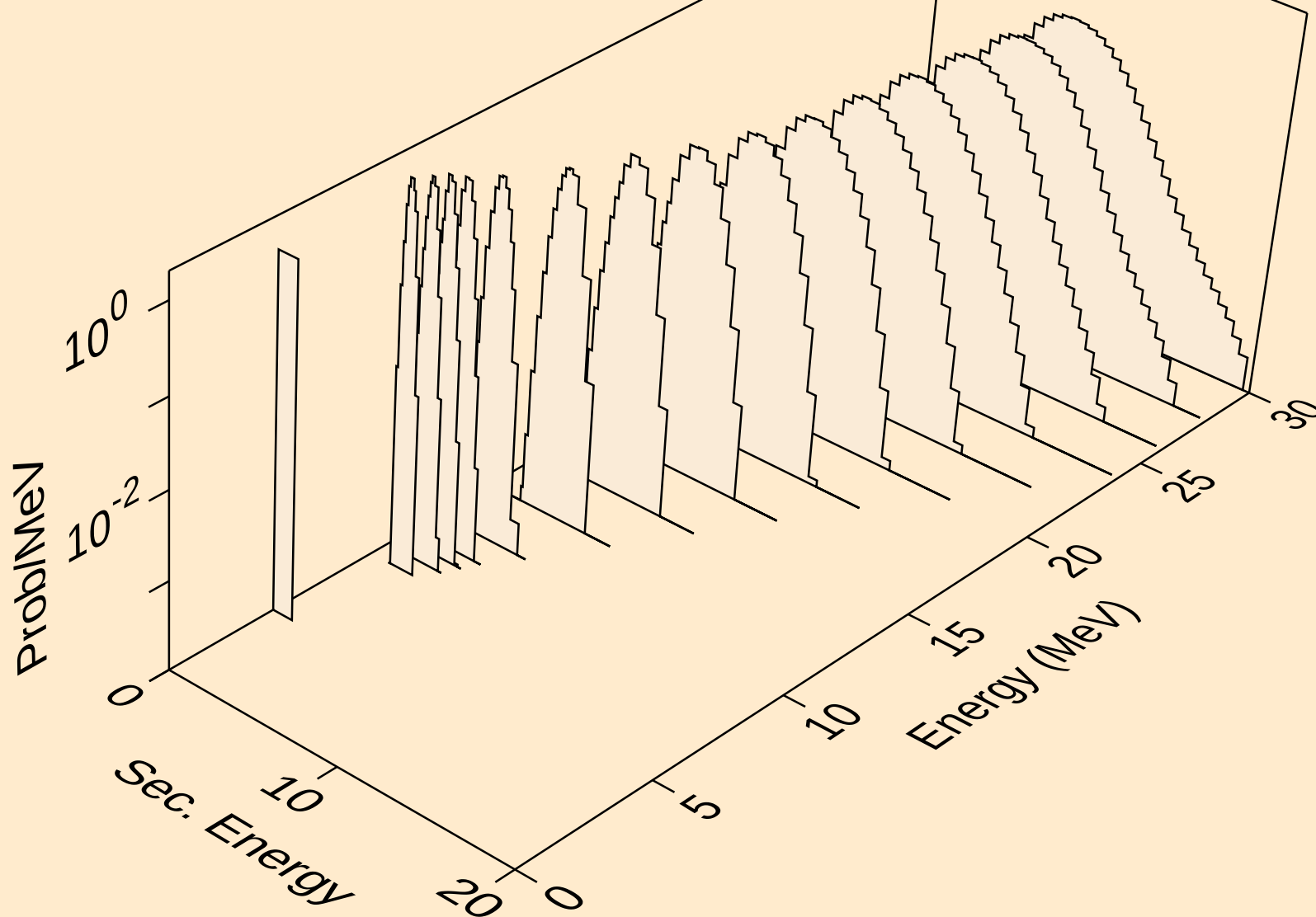
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protons from (n,2np)



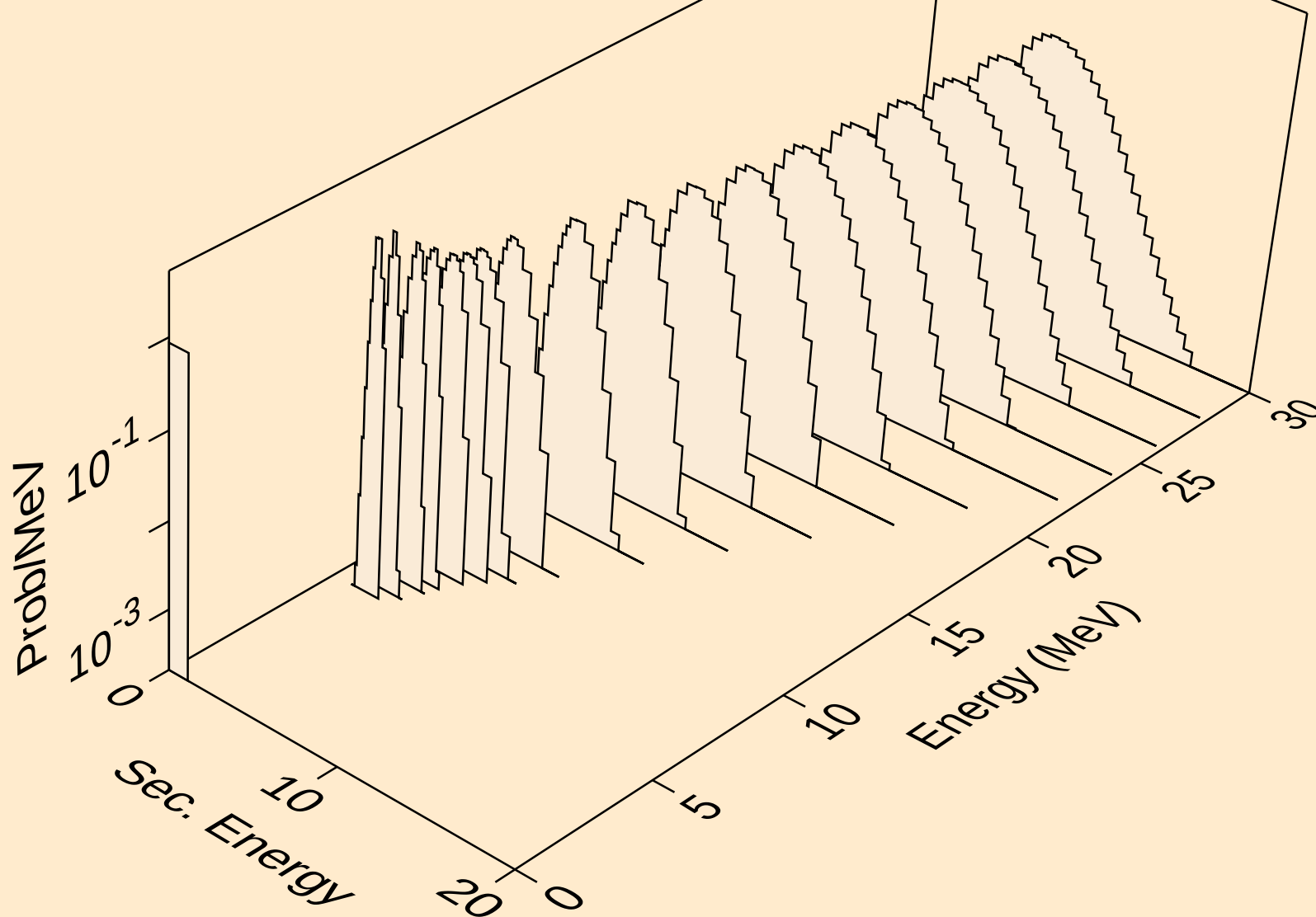
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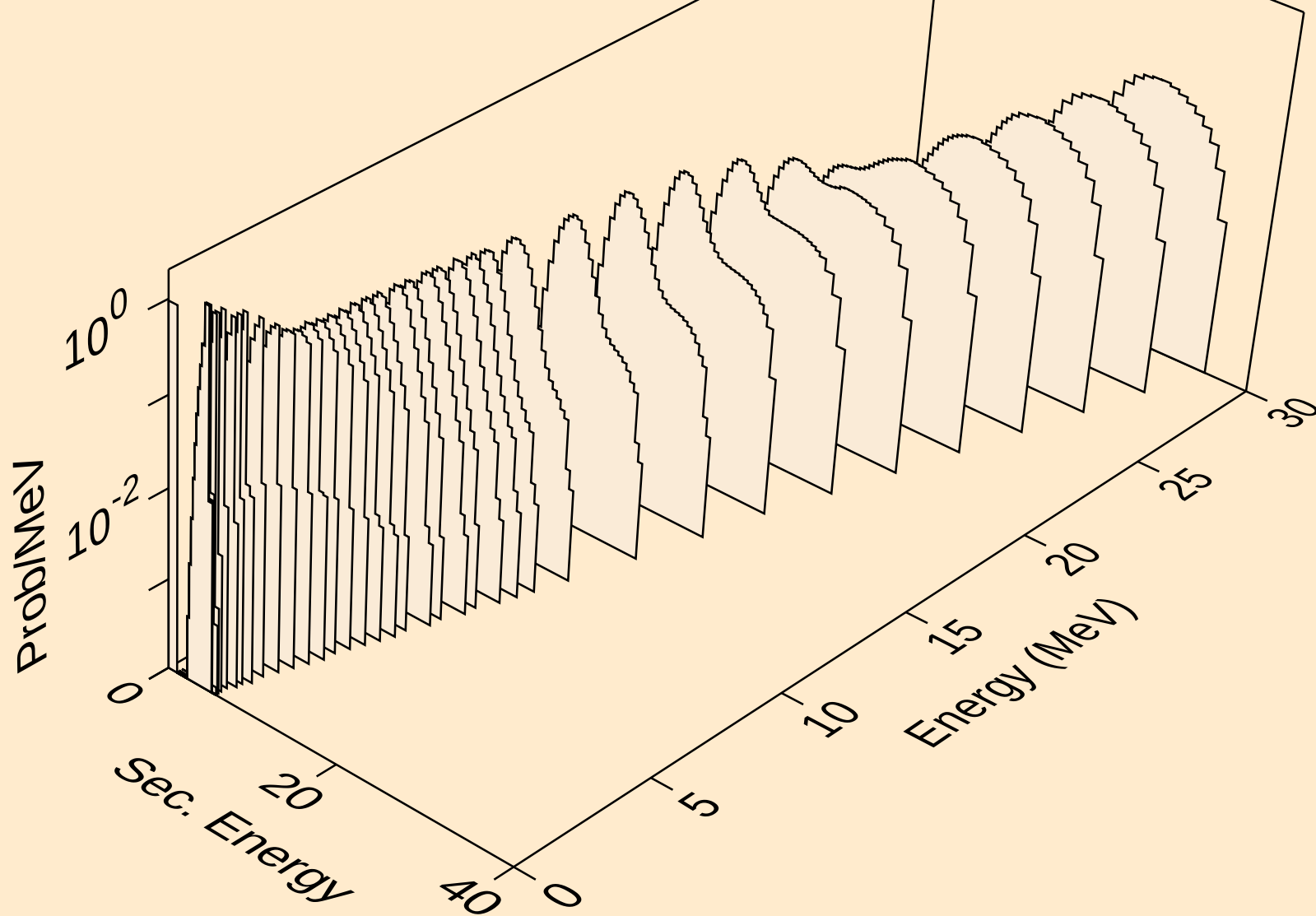
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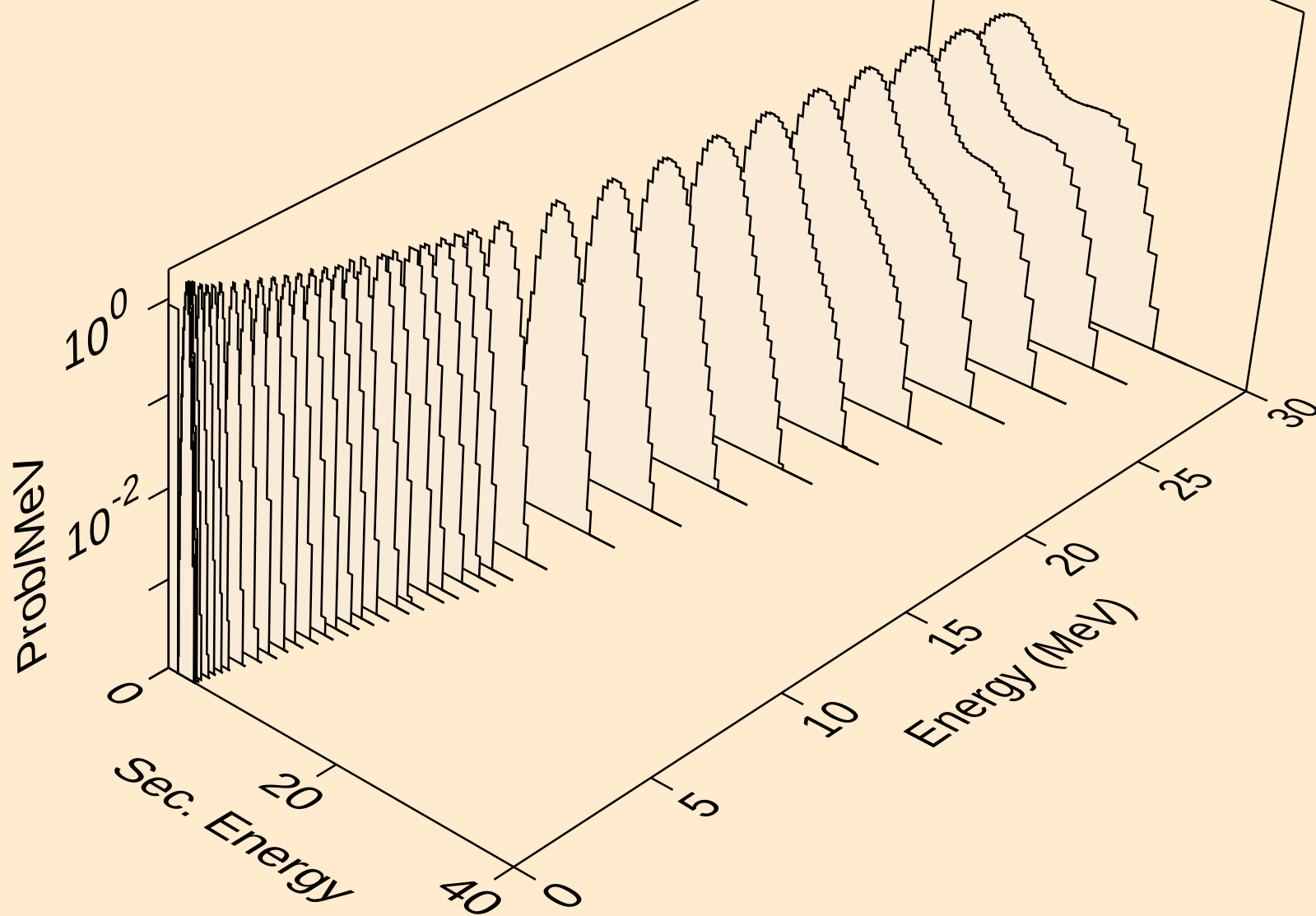
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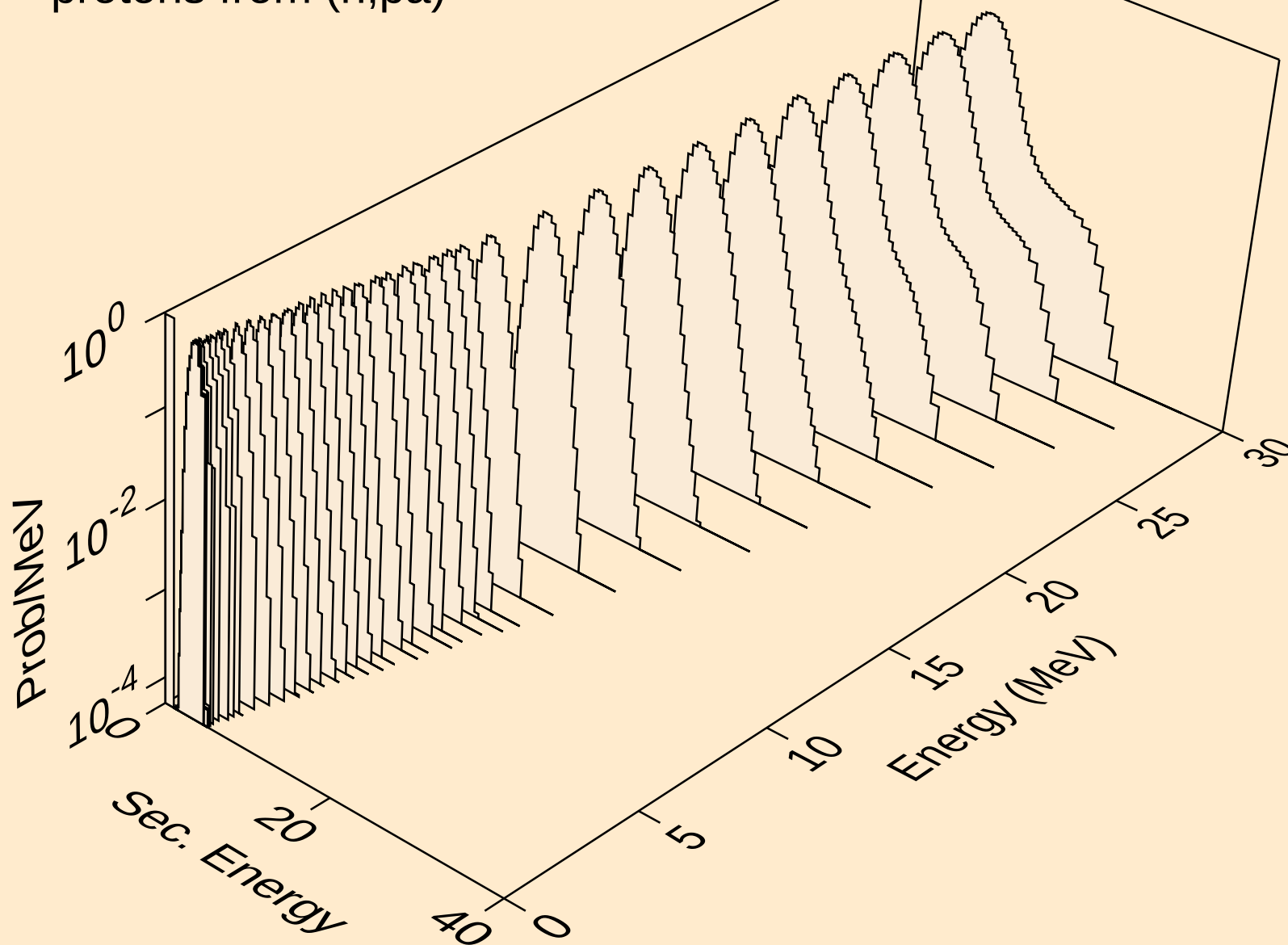
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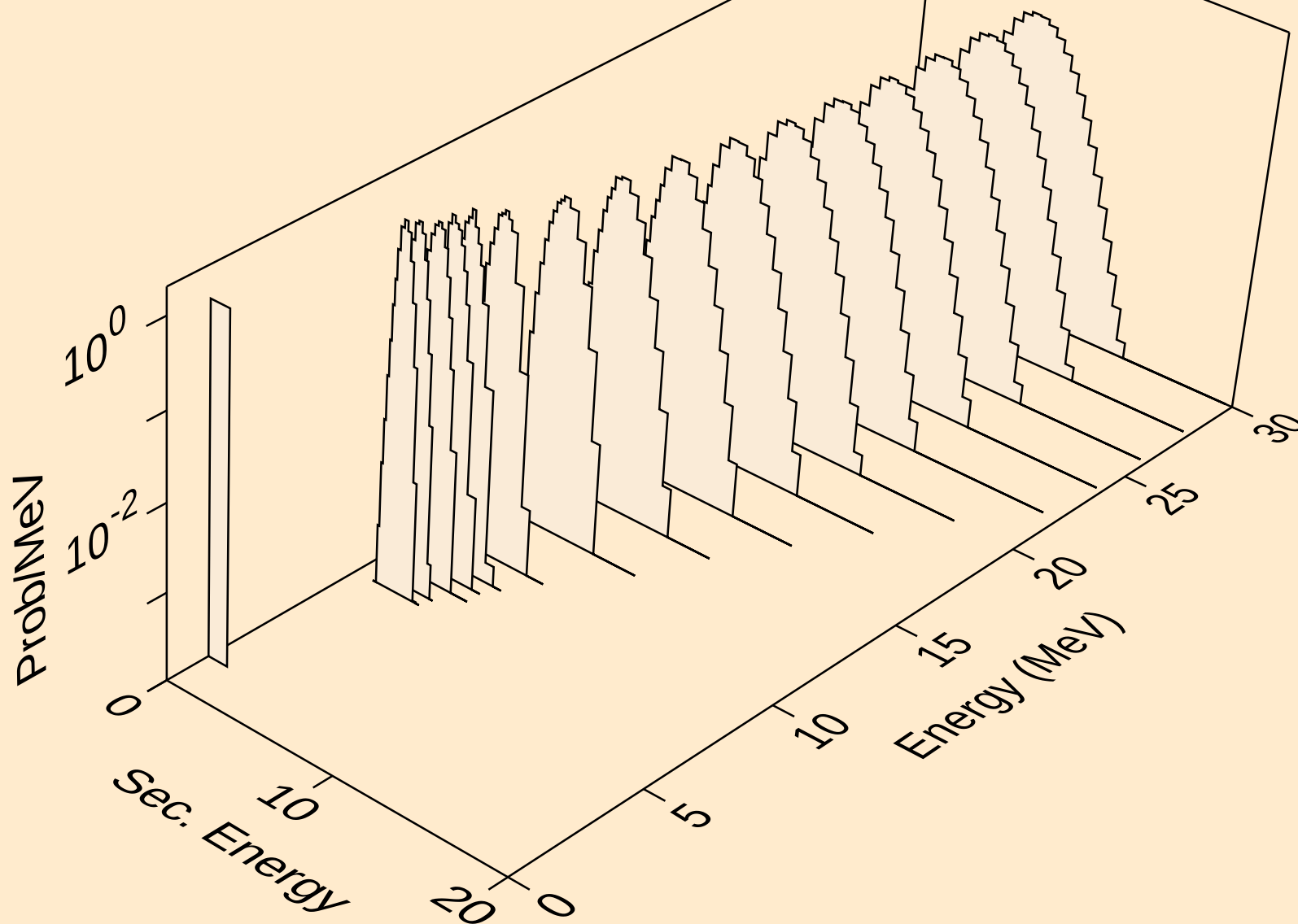
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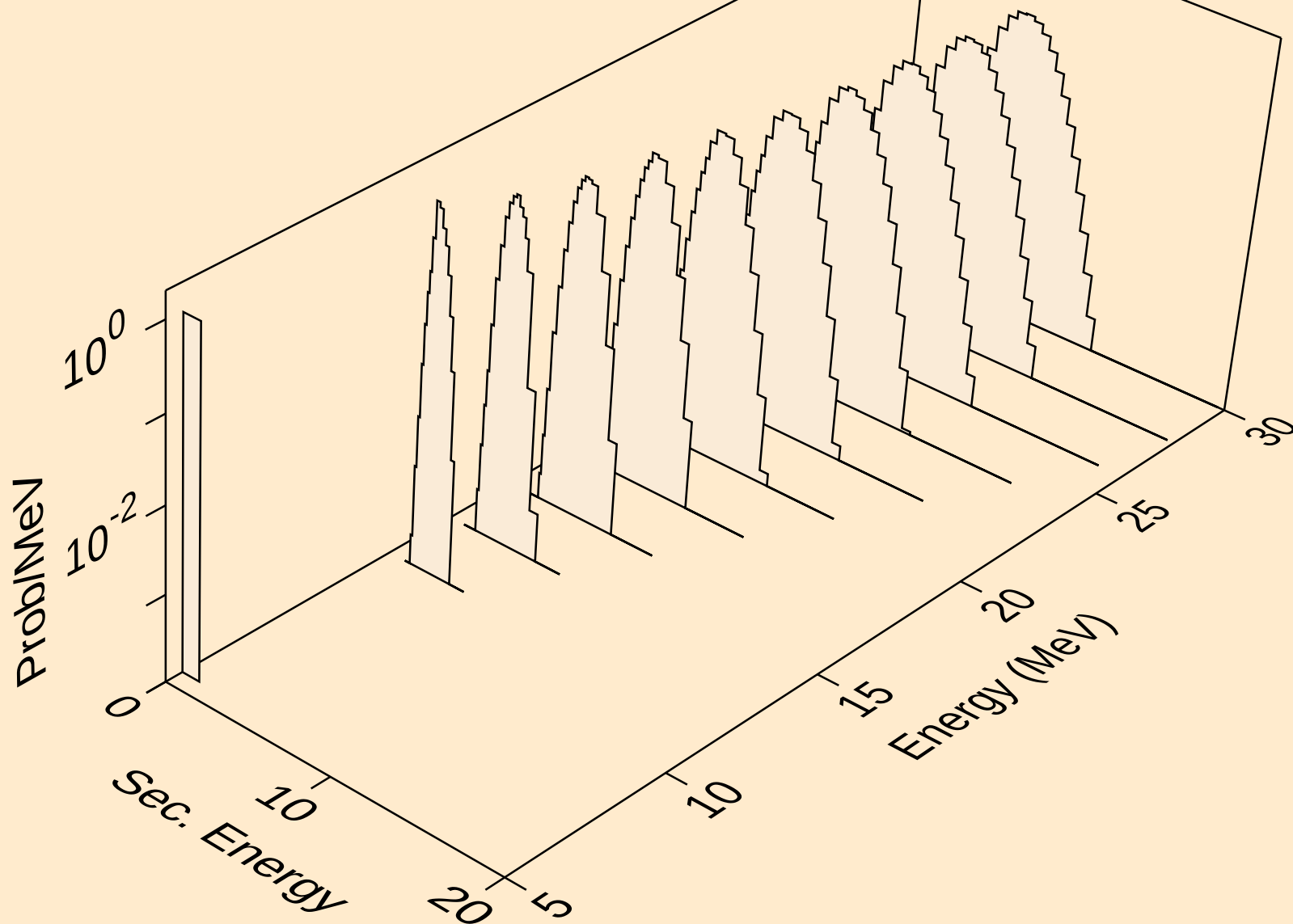
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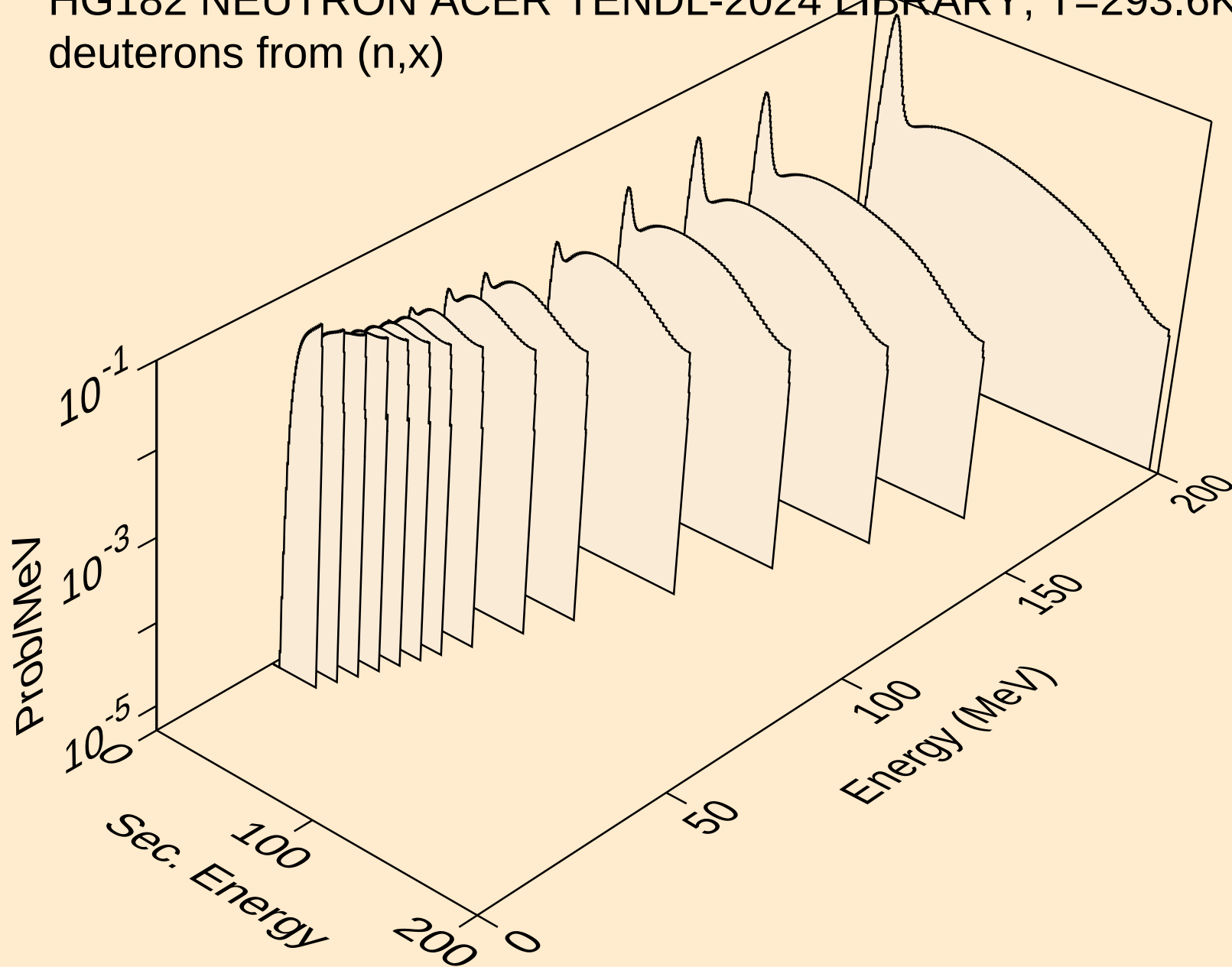
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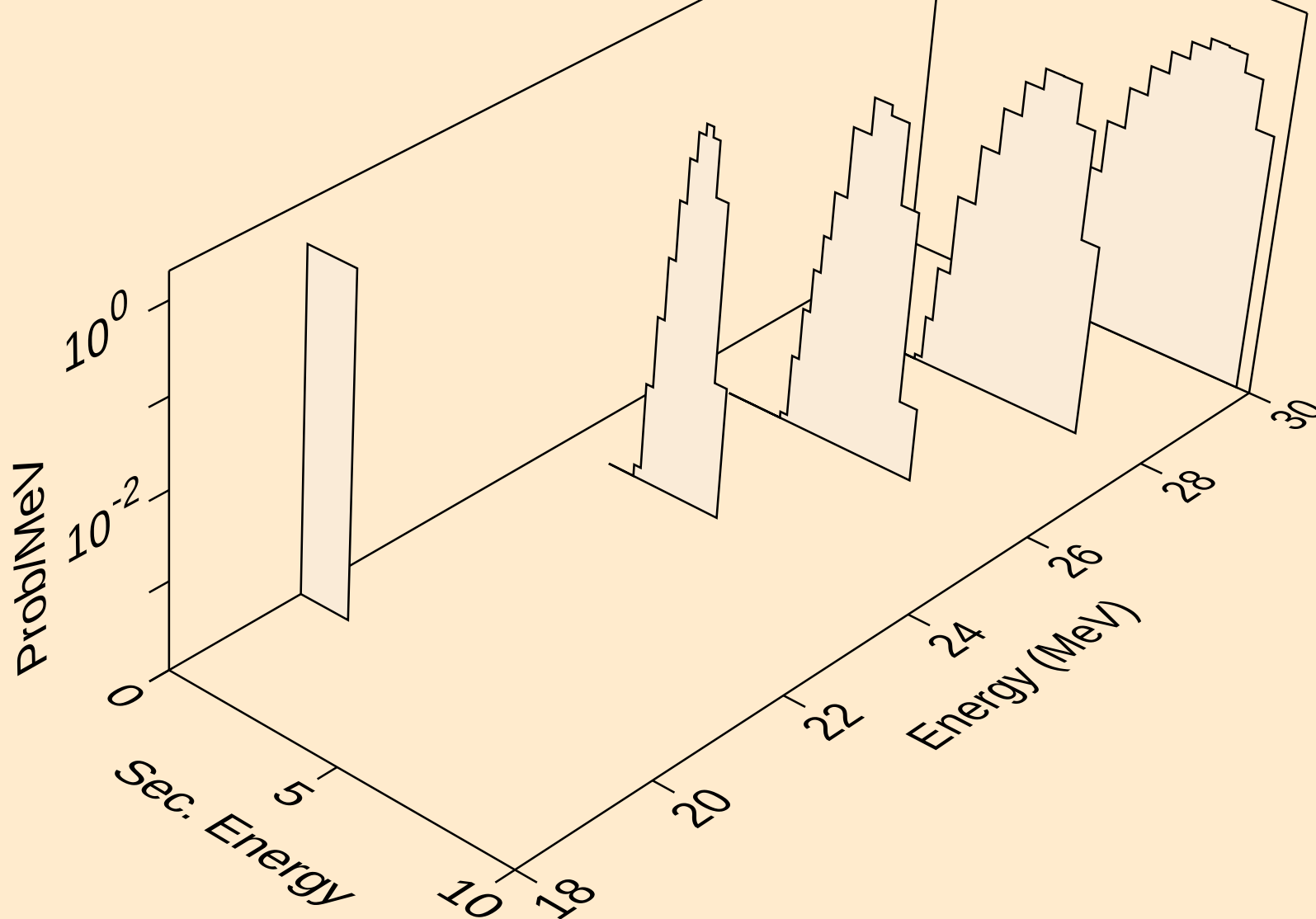
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protons from (n,pt)



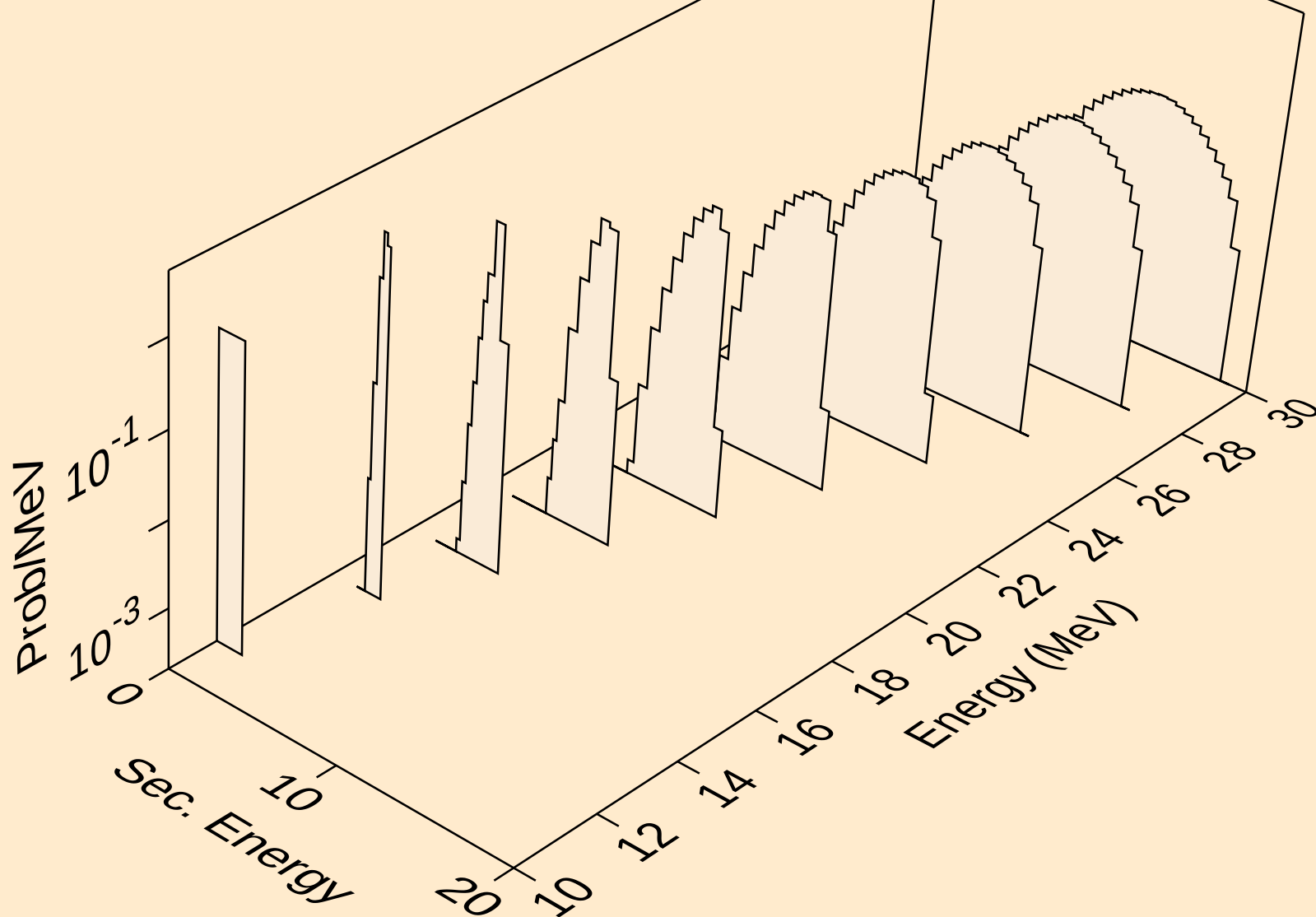
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deuterons from (n,x)



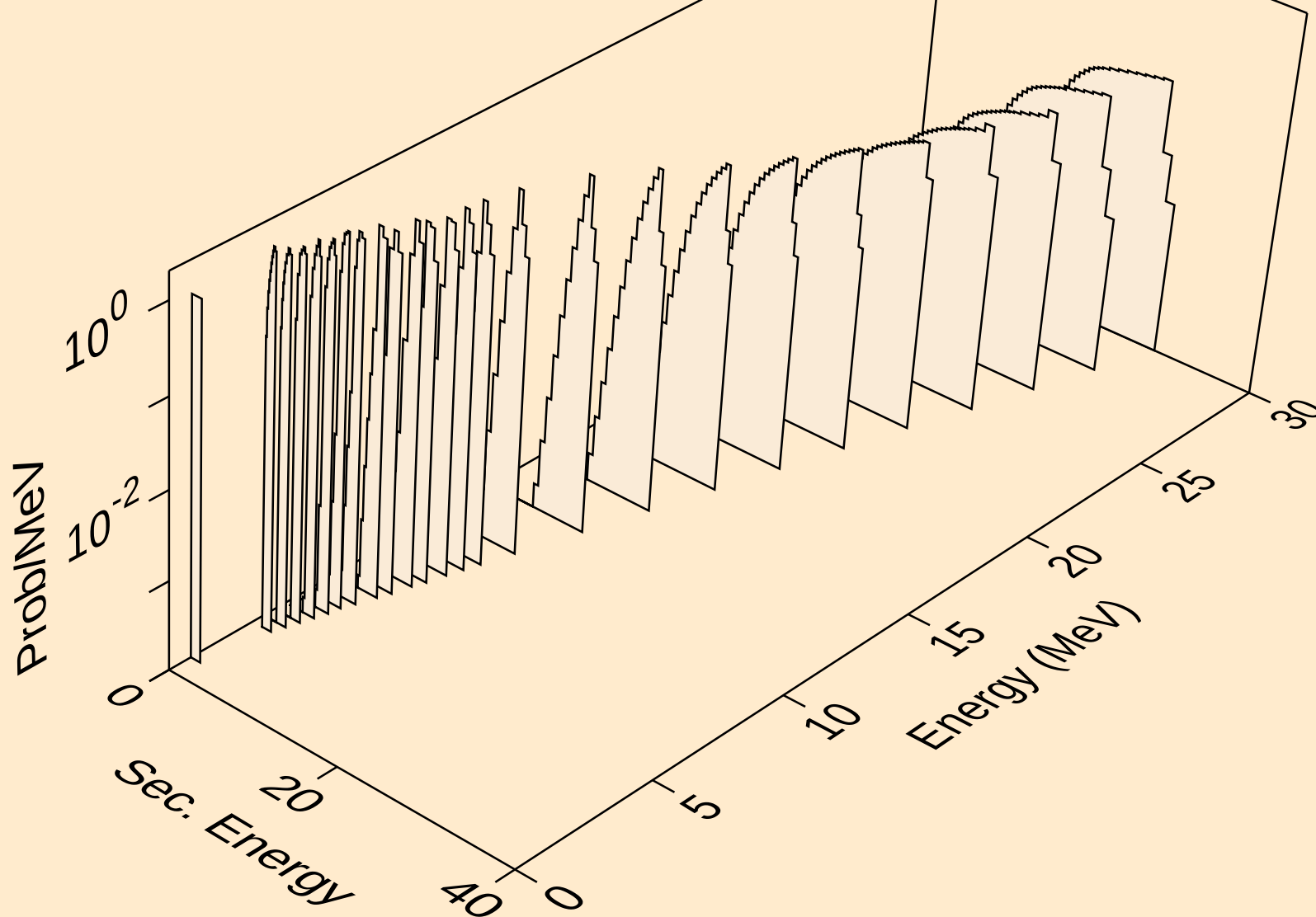
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deuterons from (n,2nd)



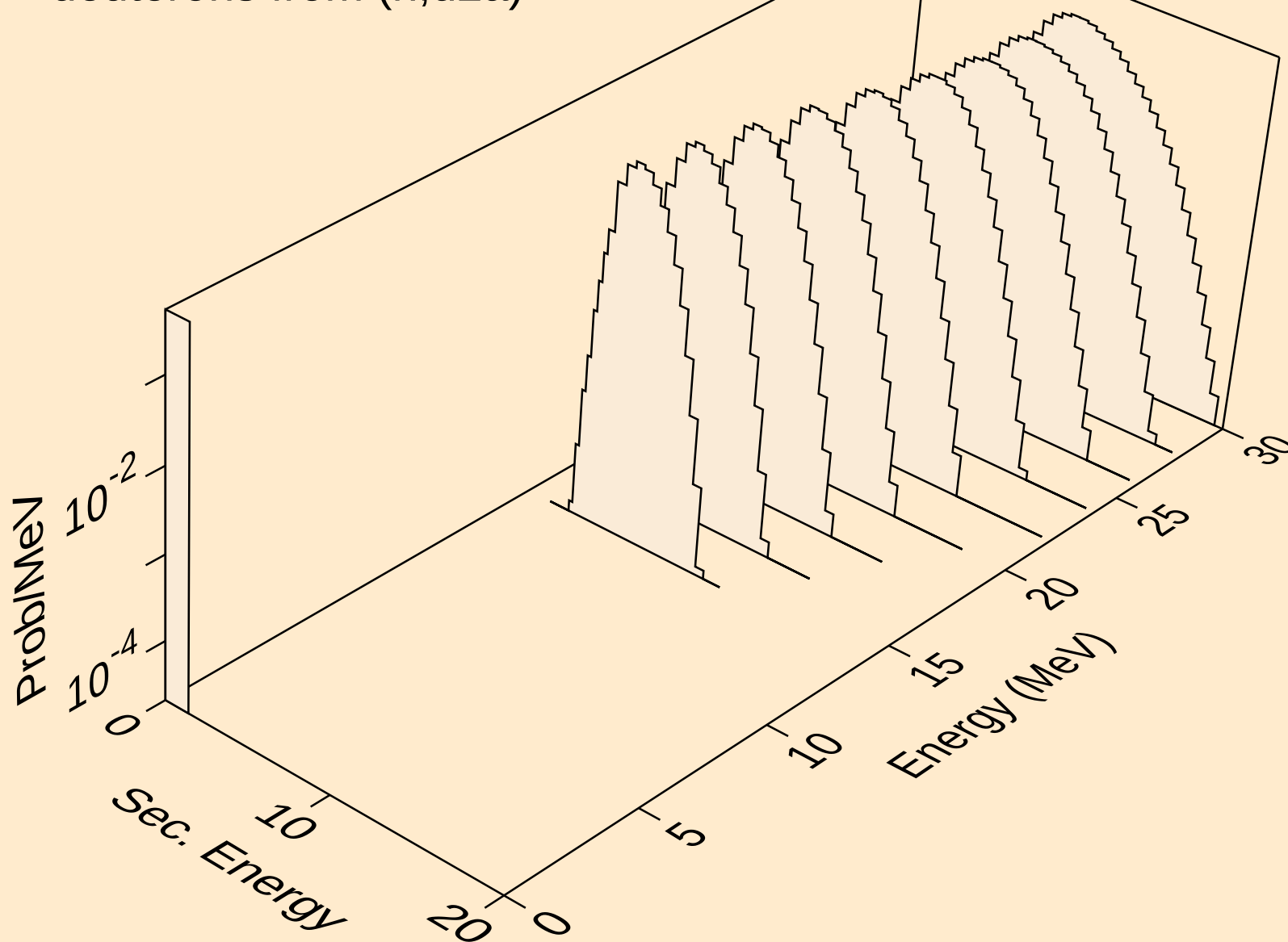
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deuterons from (n,n\*)d



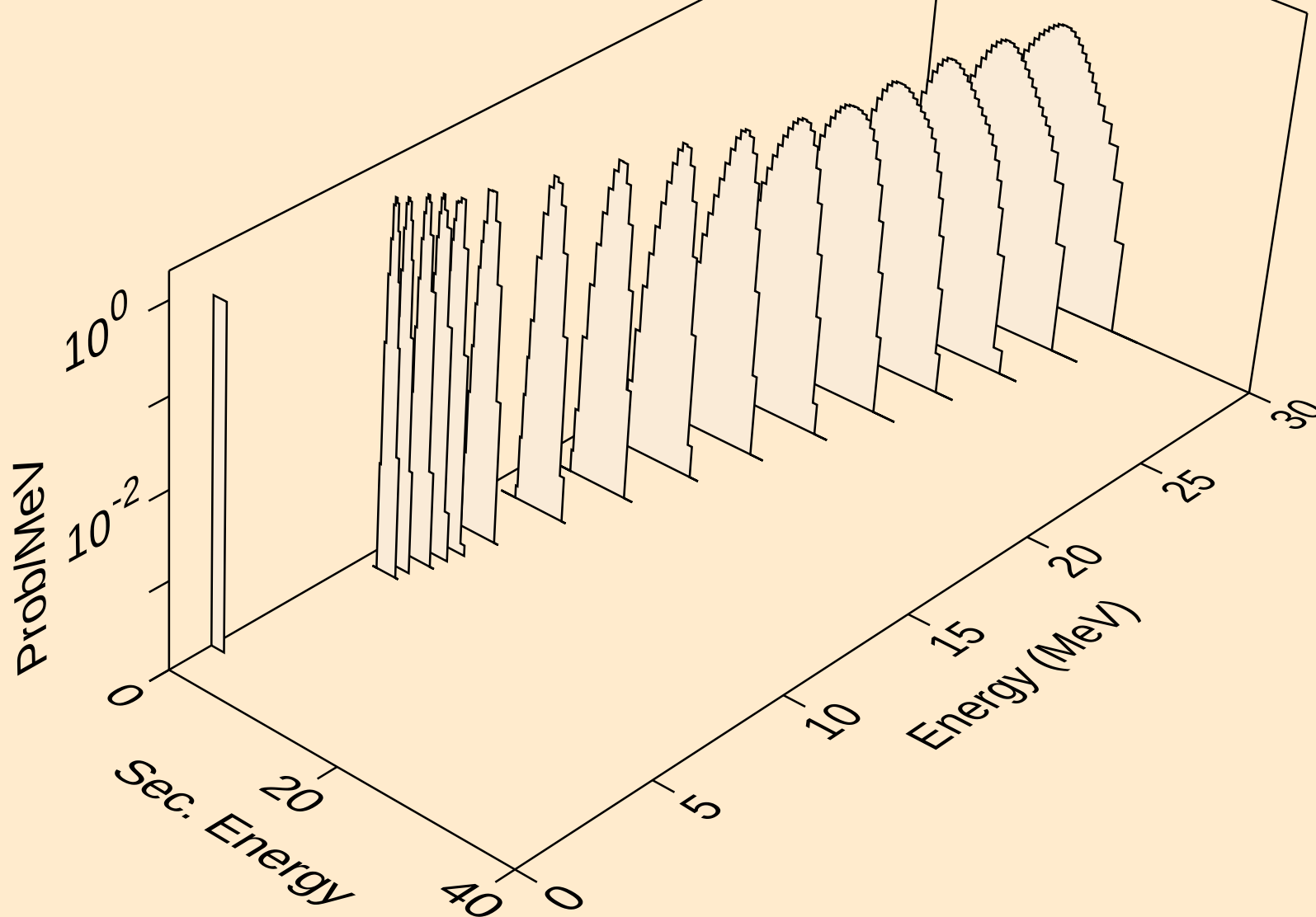
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deuterons from (n,d)



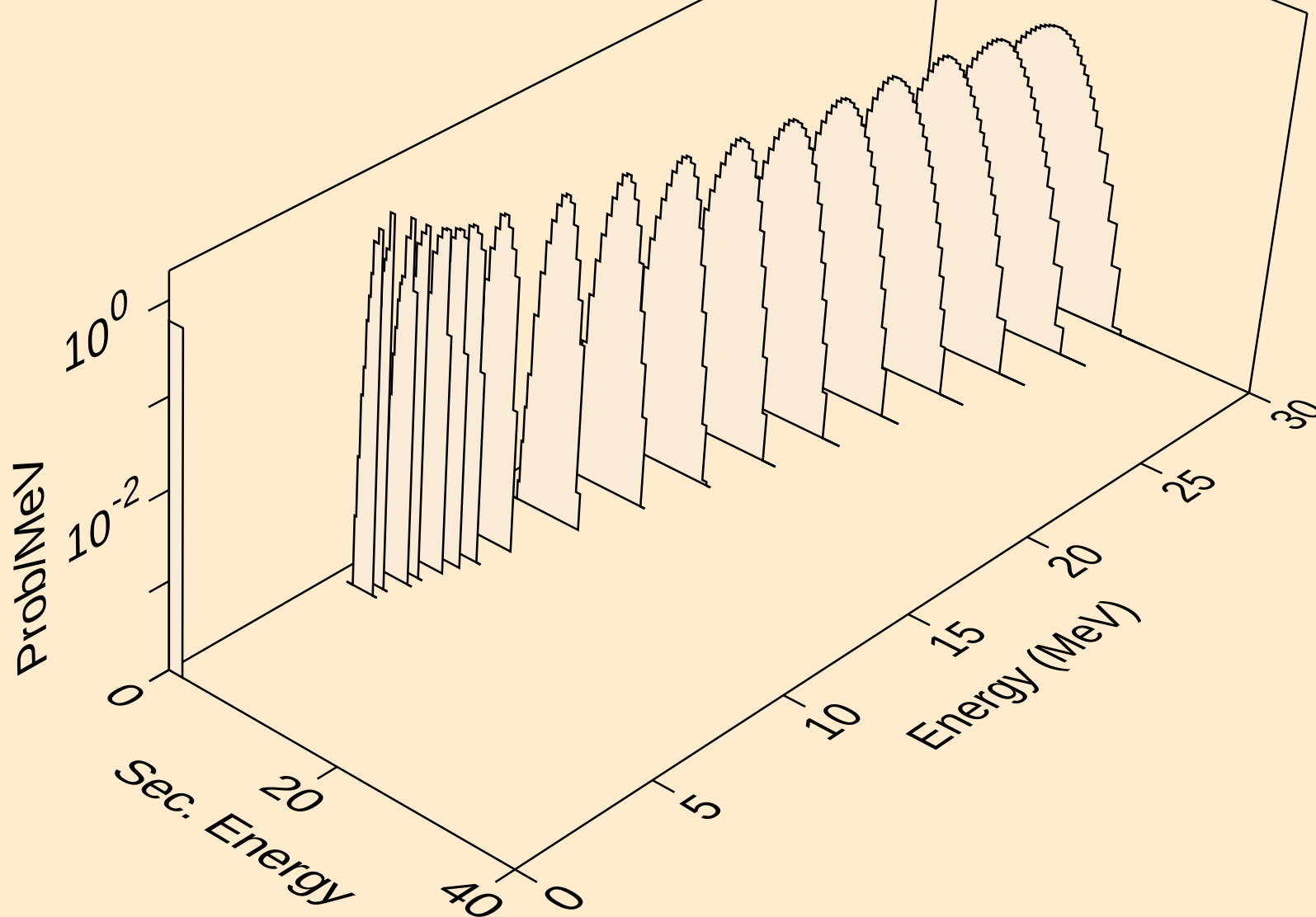
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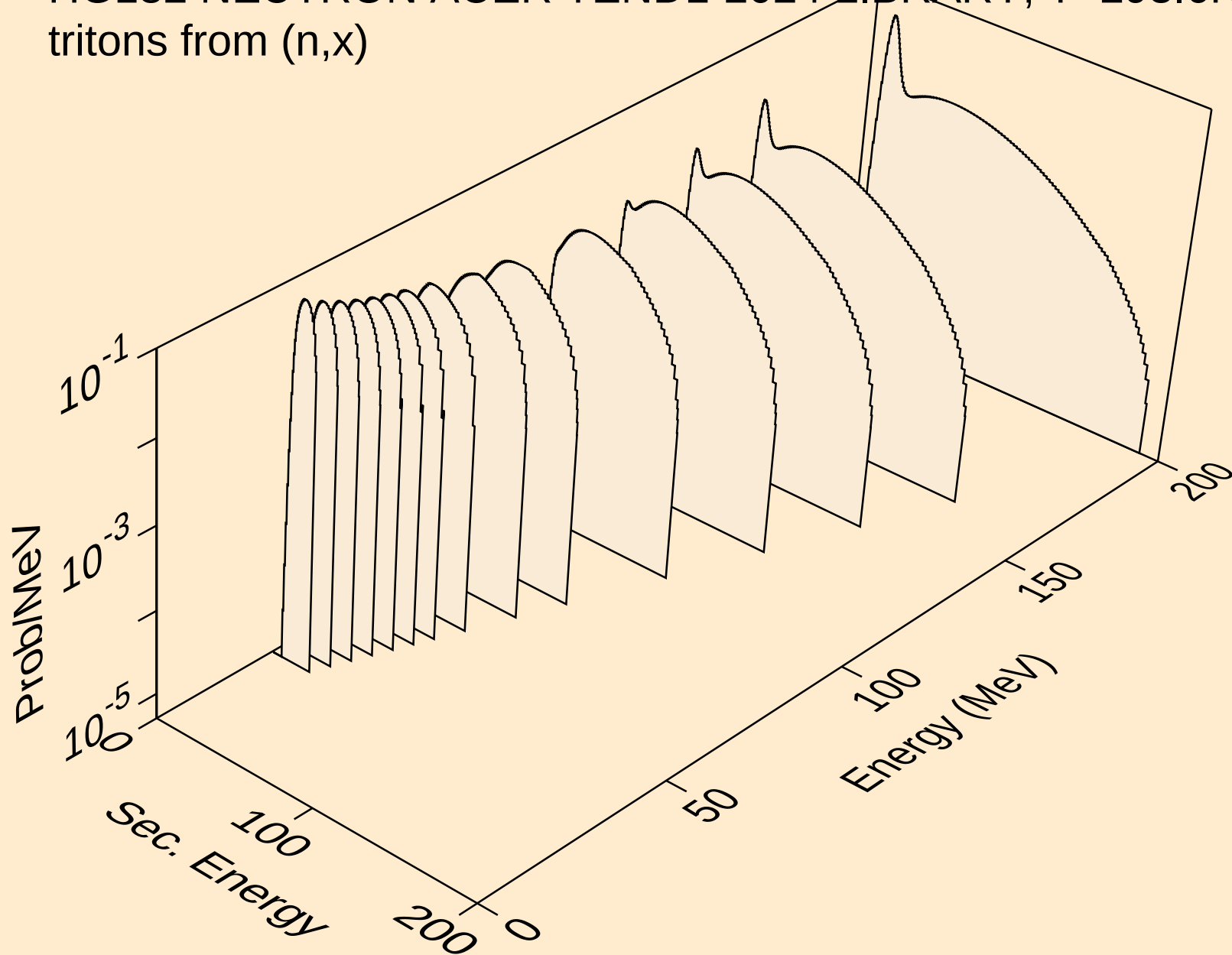
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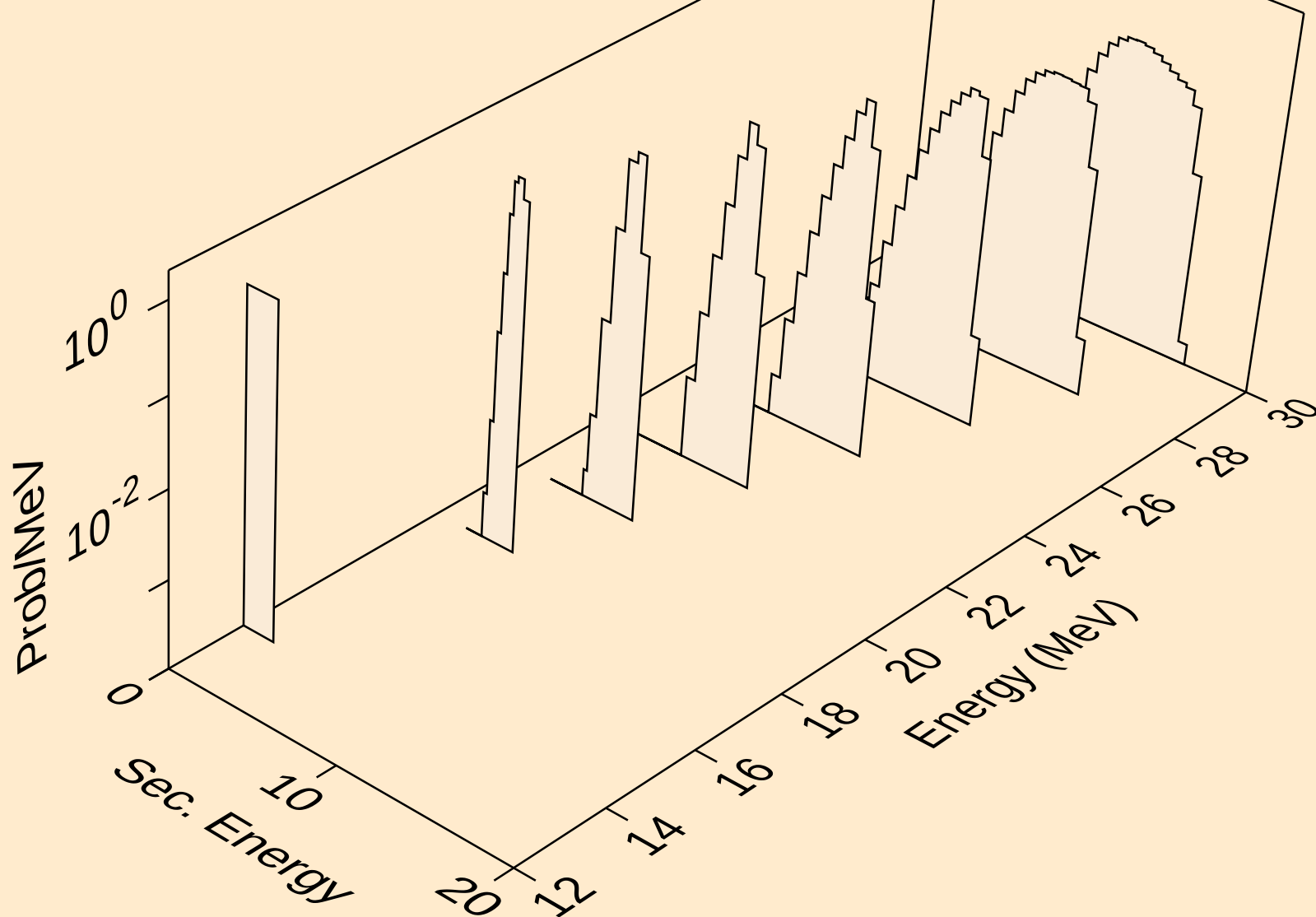
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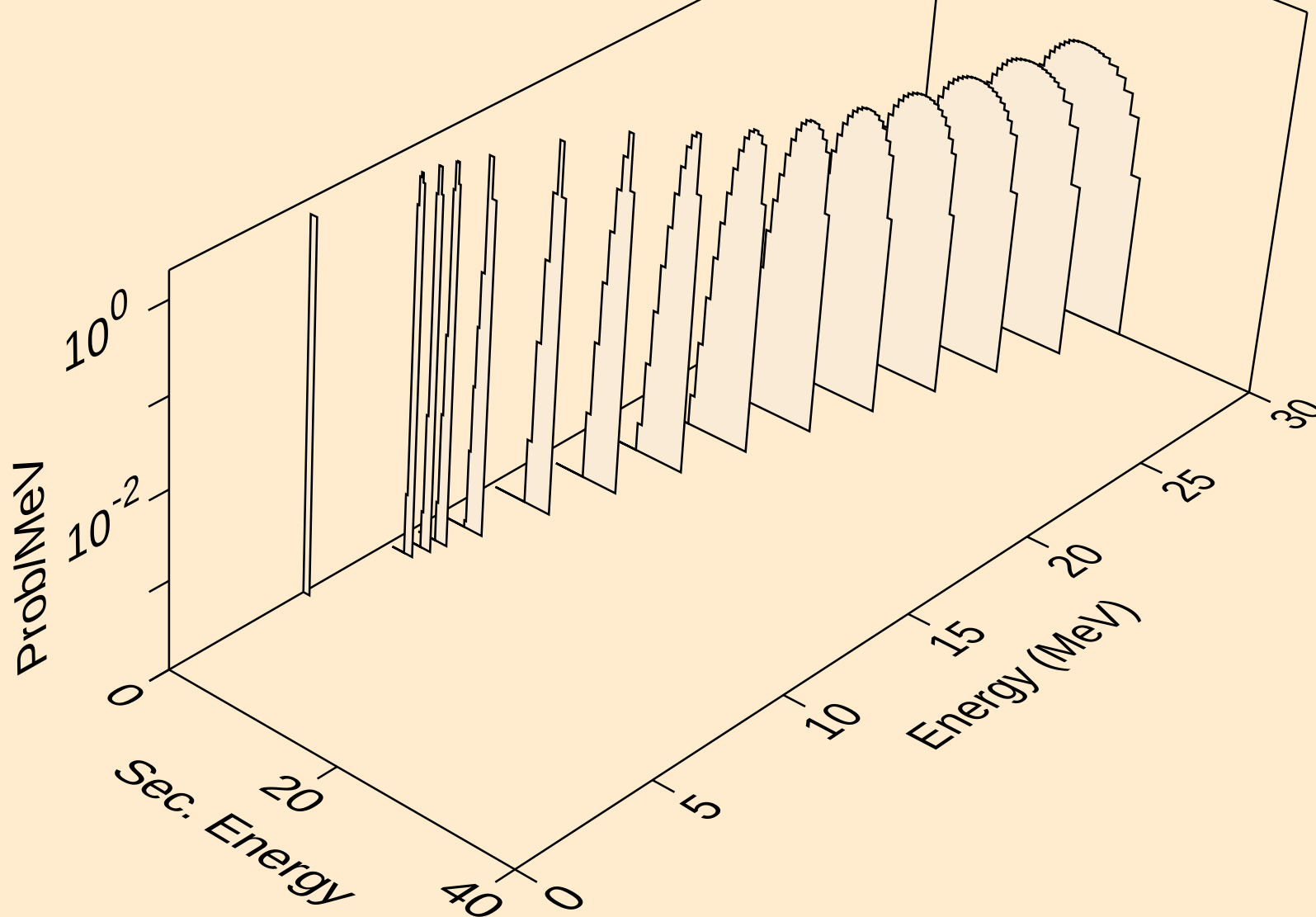
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



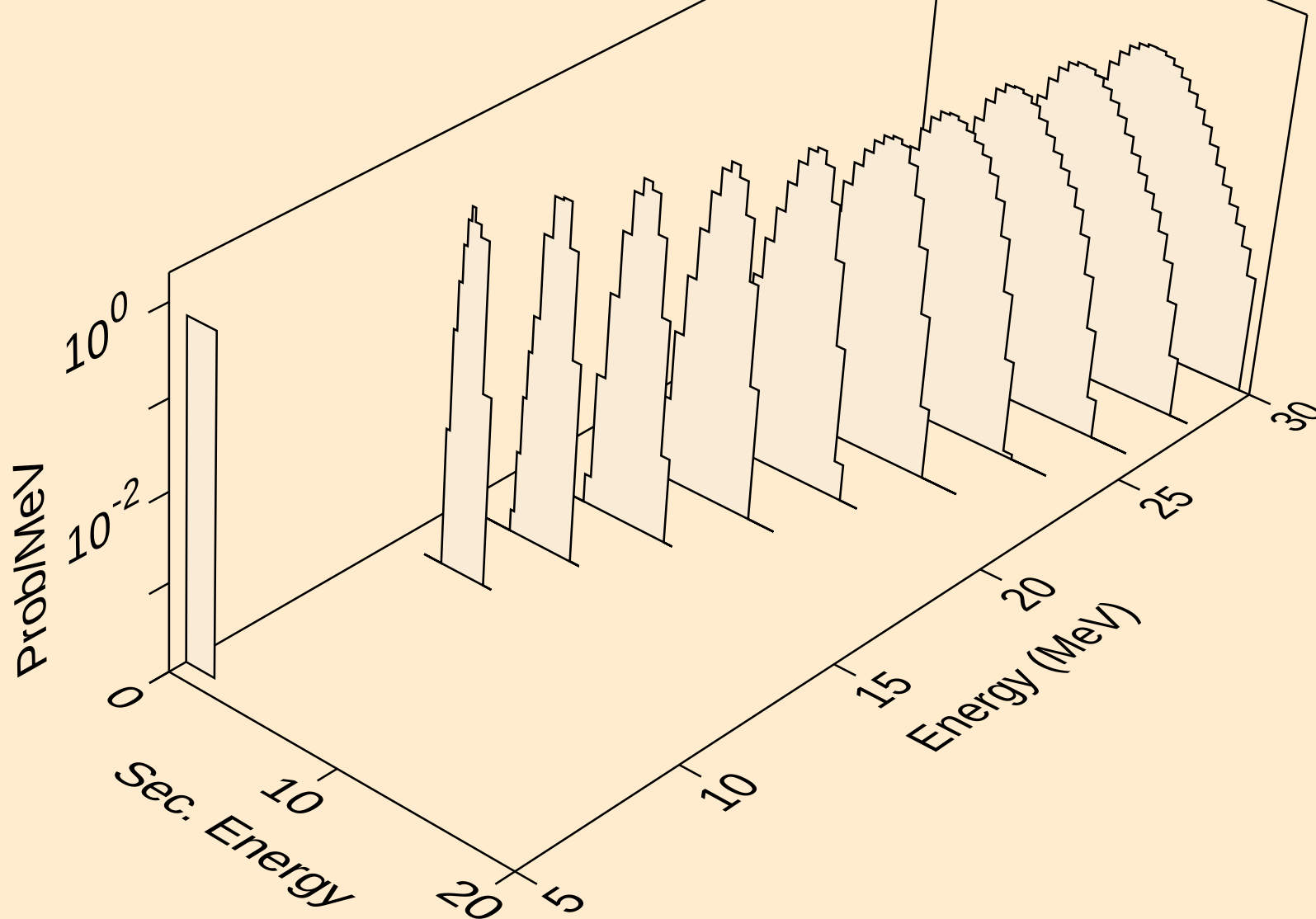
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tritons from (n,n\*)t



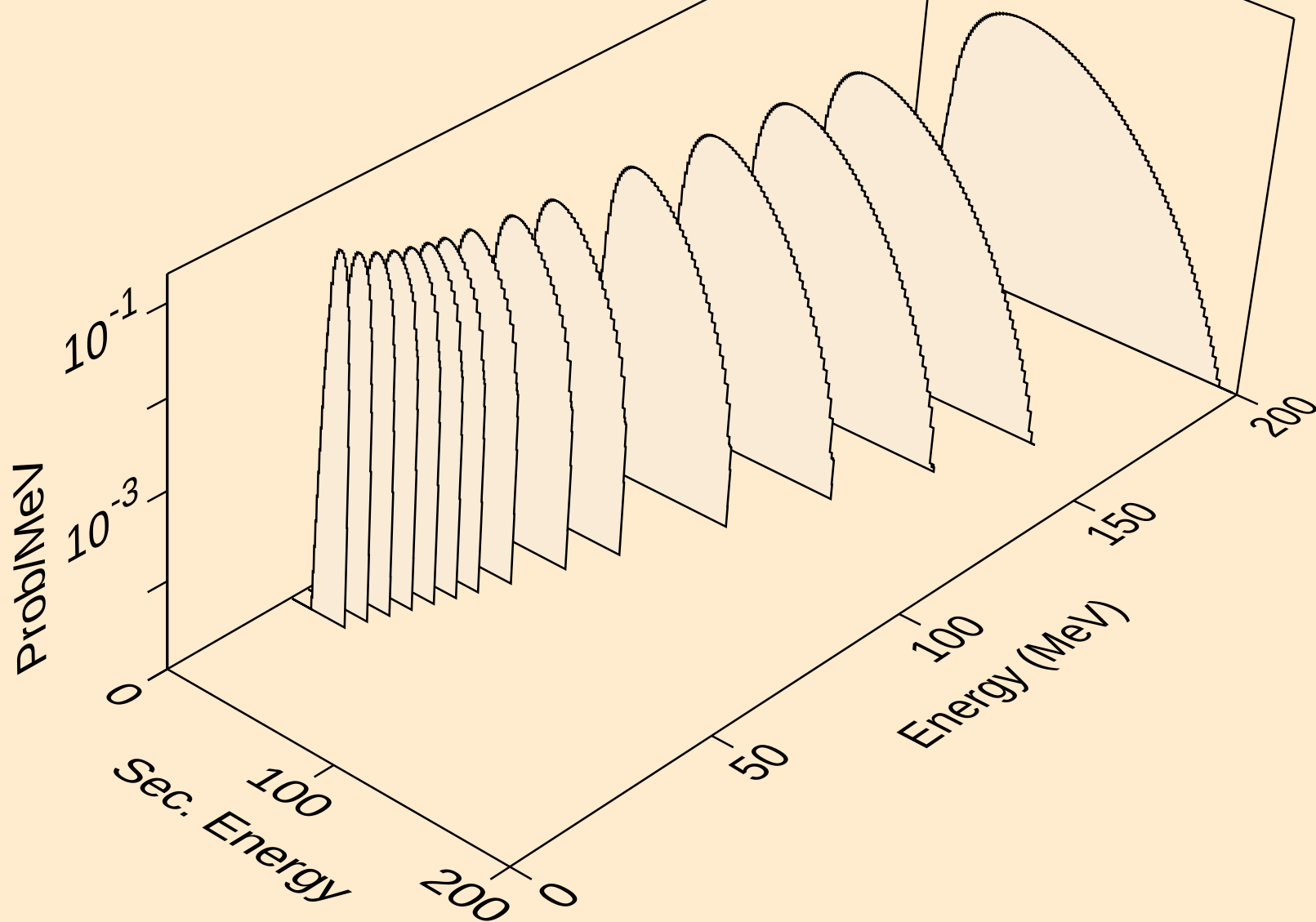
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tritons from (n,t)



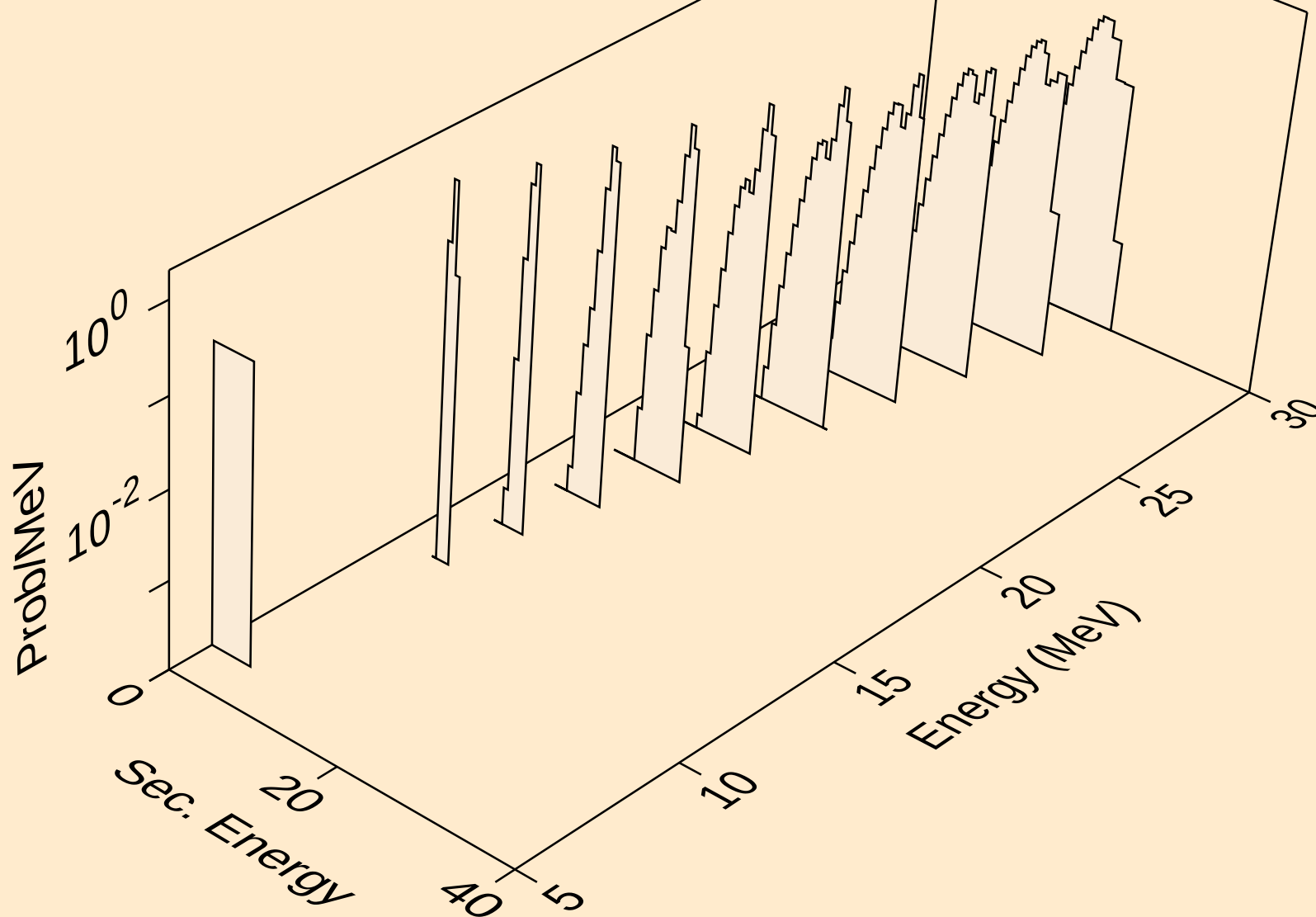
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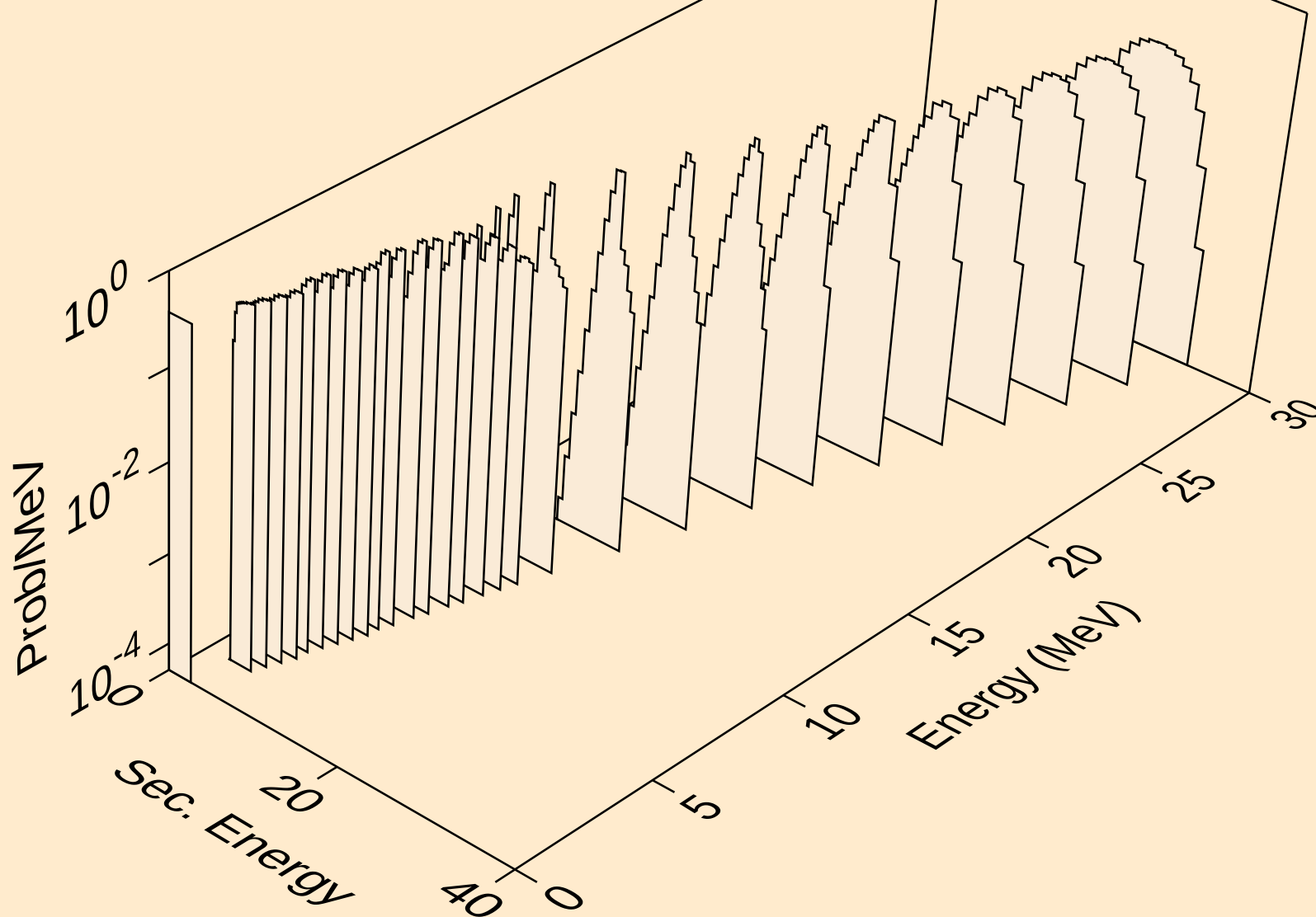
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he3s from (n,x)



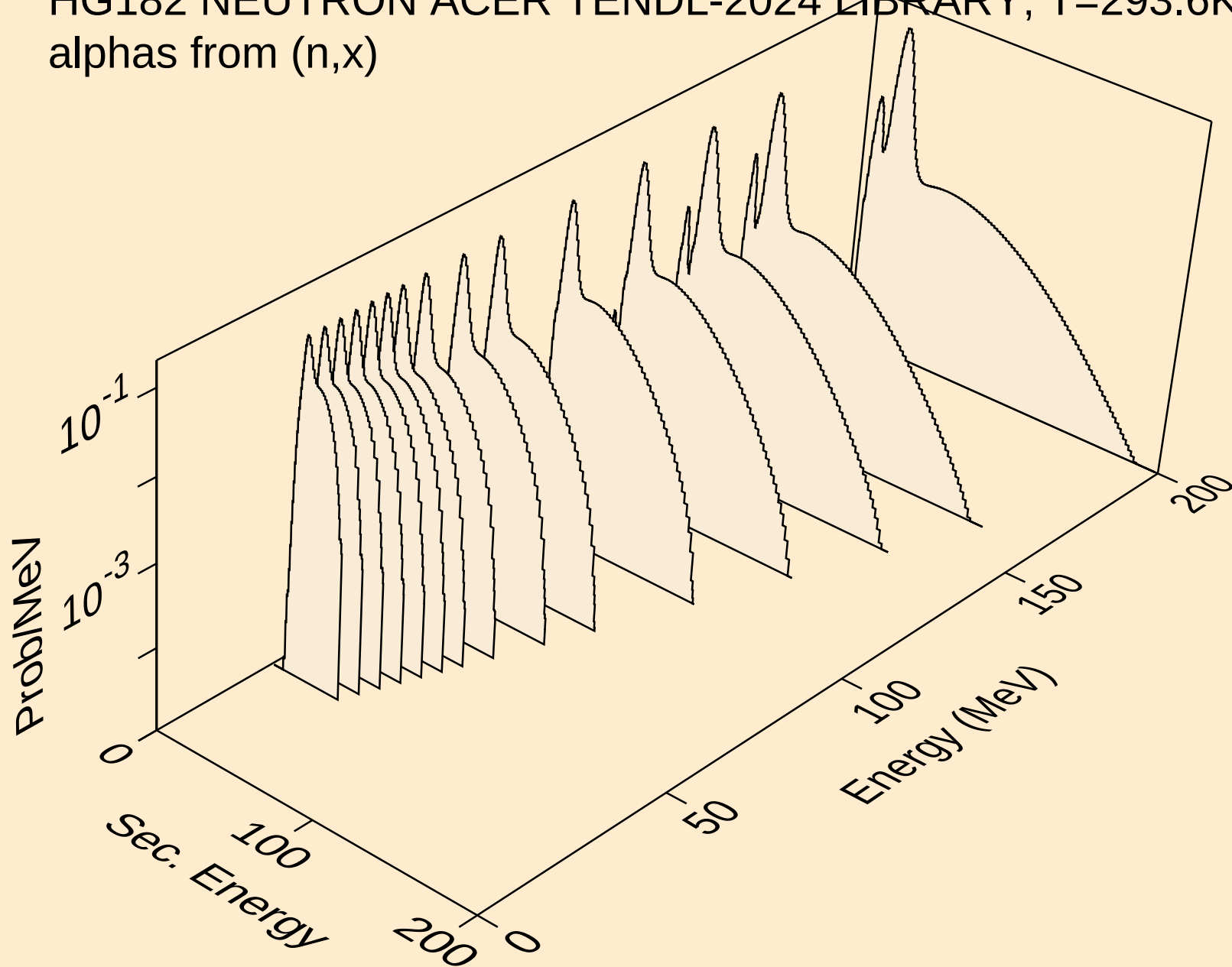
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he3s from (n,n\*)he3



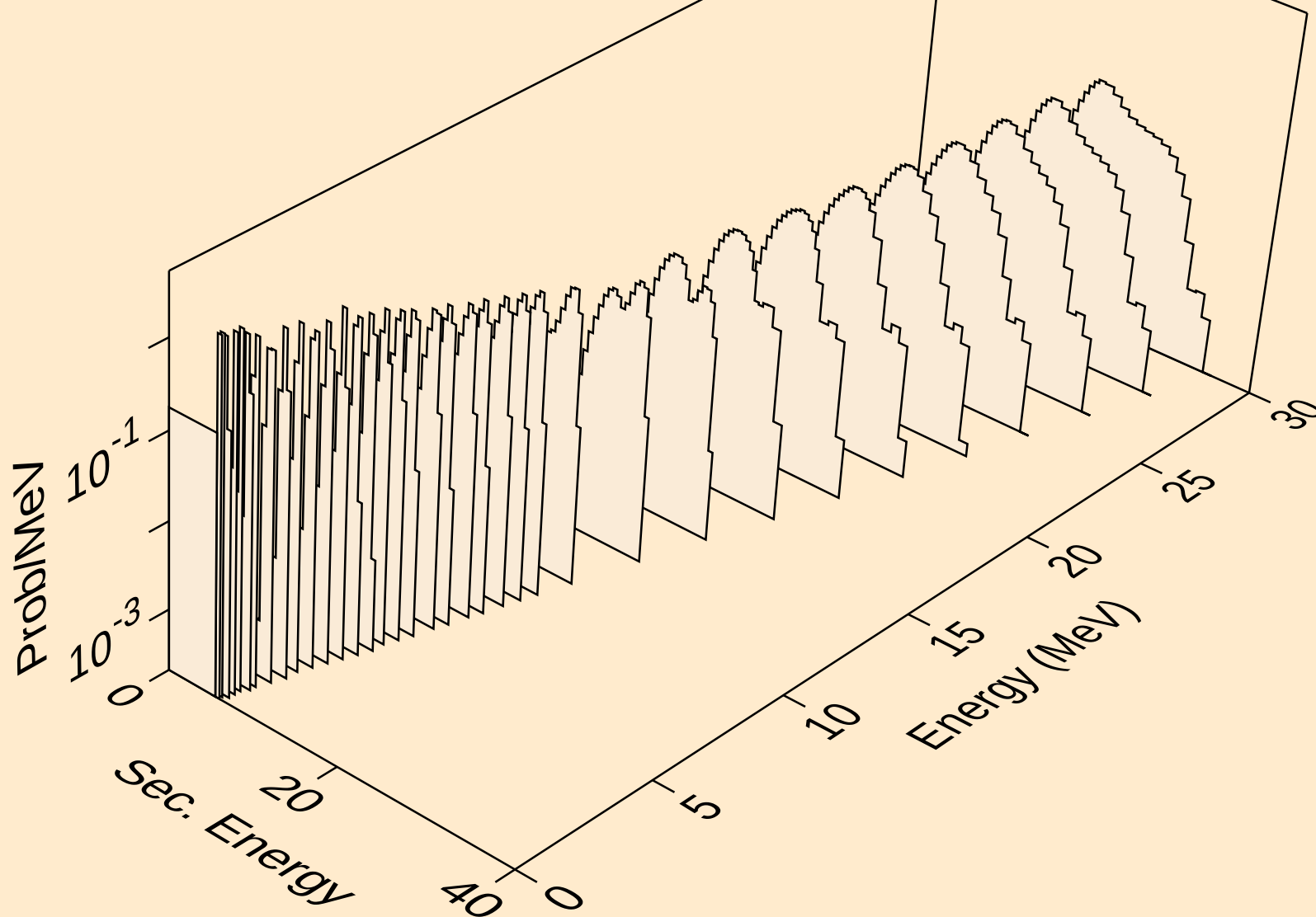
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he3s from (n,he3)



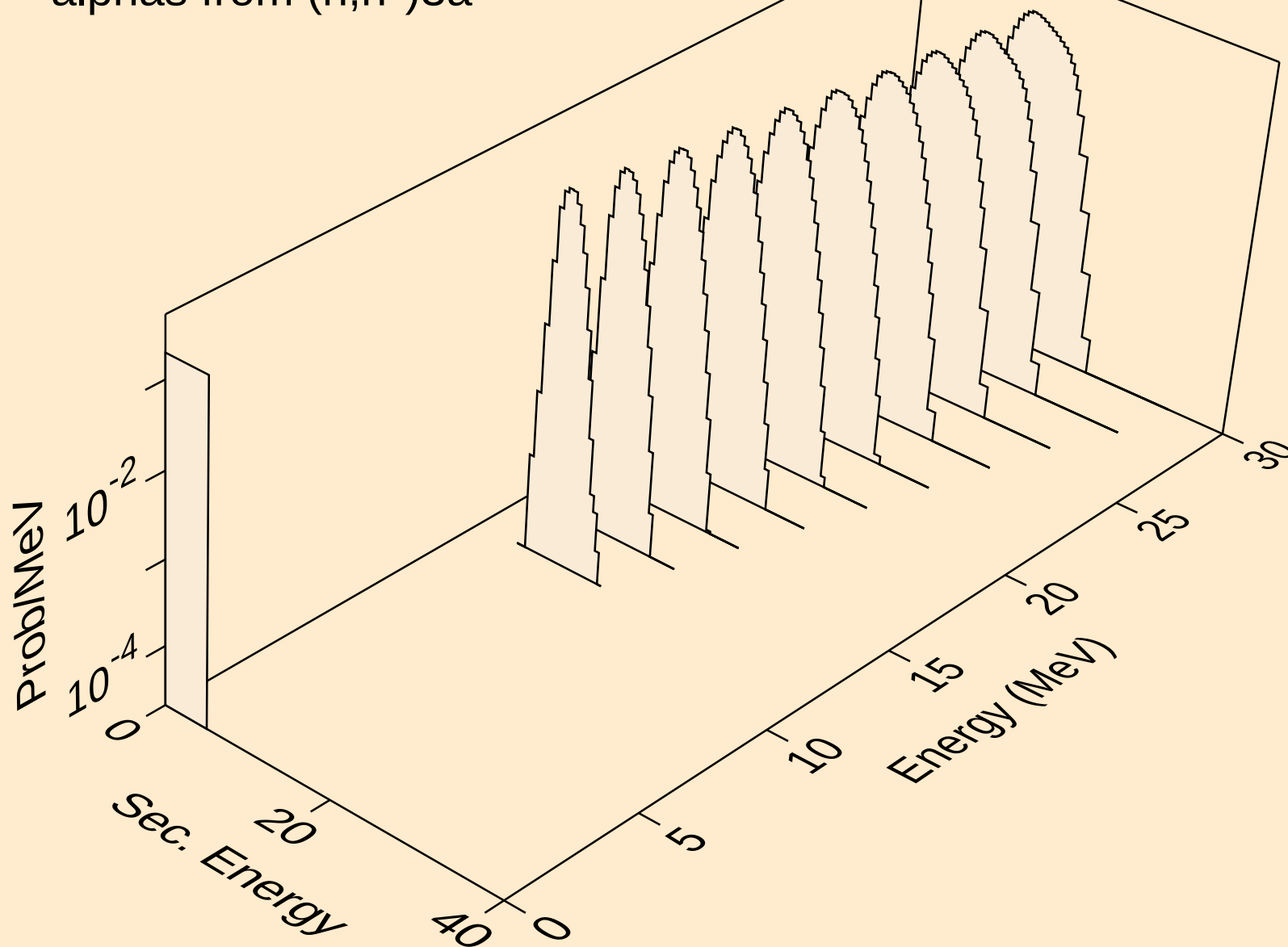
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alphas from (n,x)



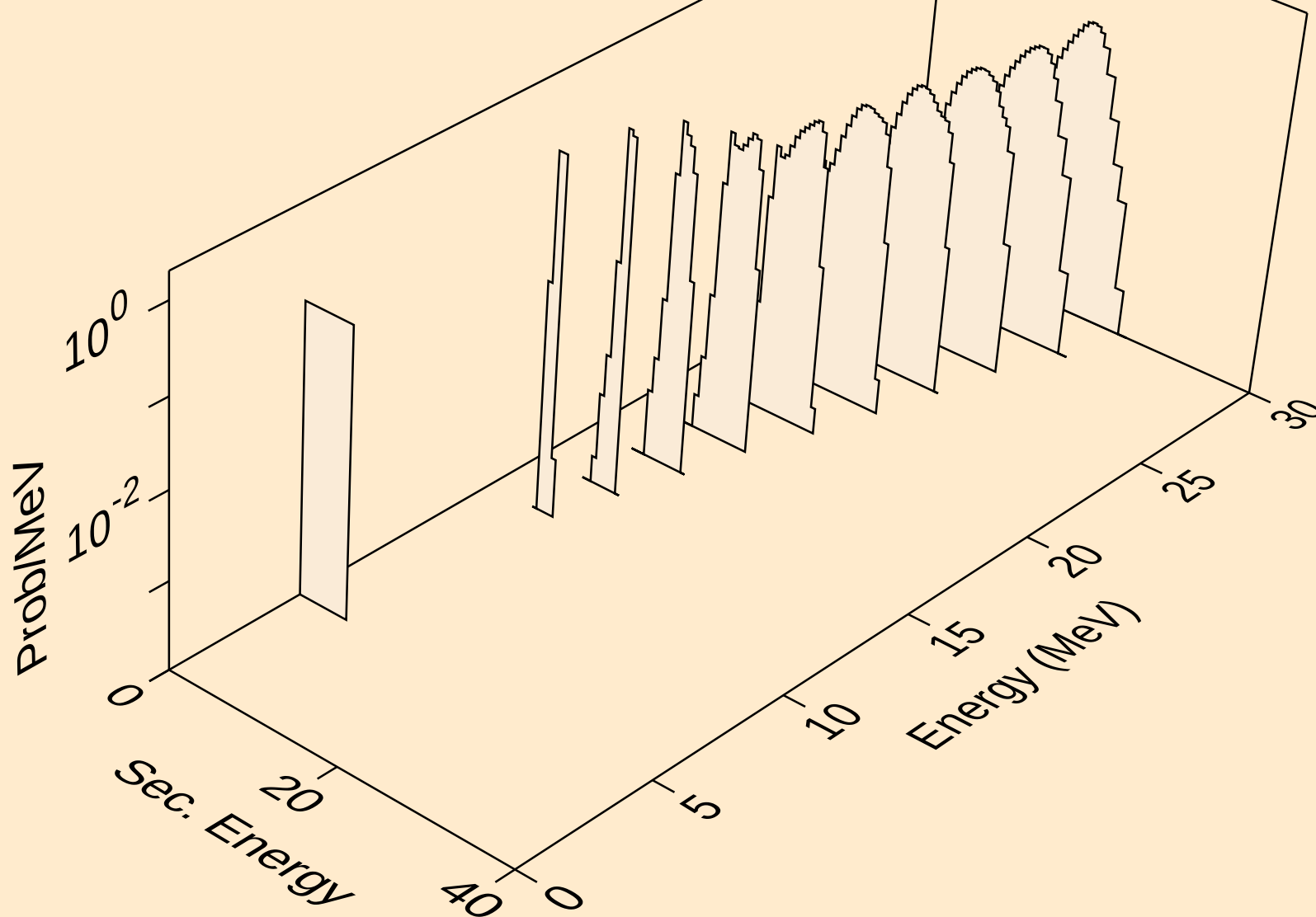
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alphas from (n,n\*)a



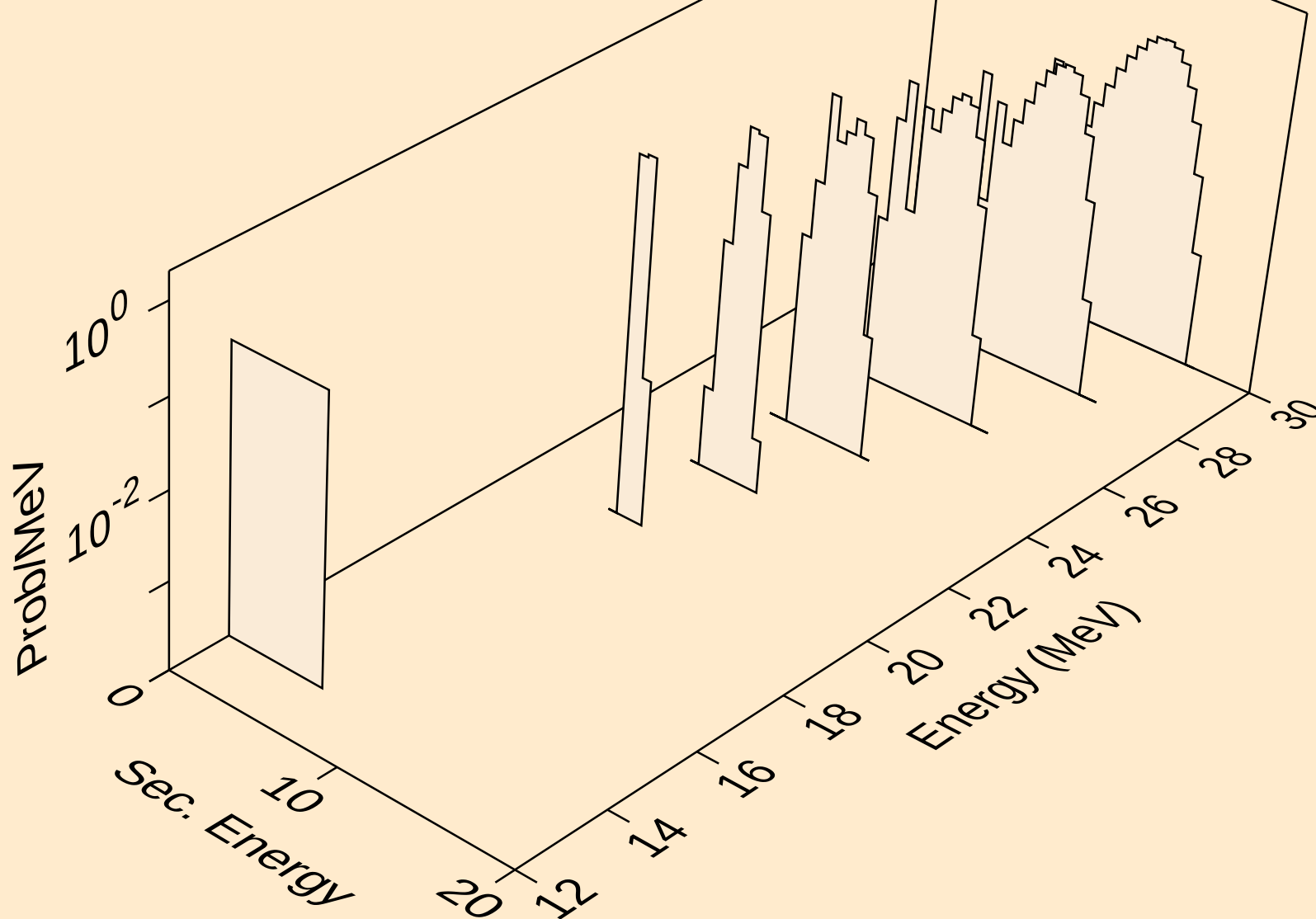
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alphas from (n,n\*)3a



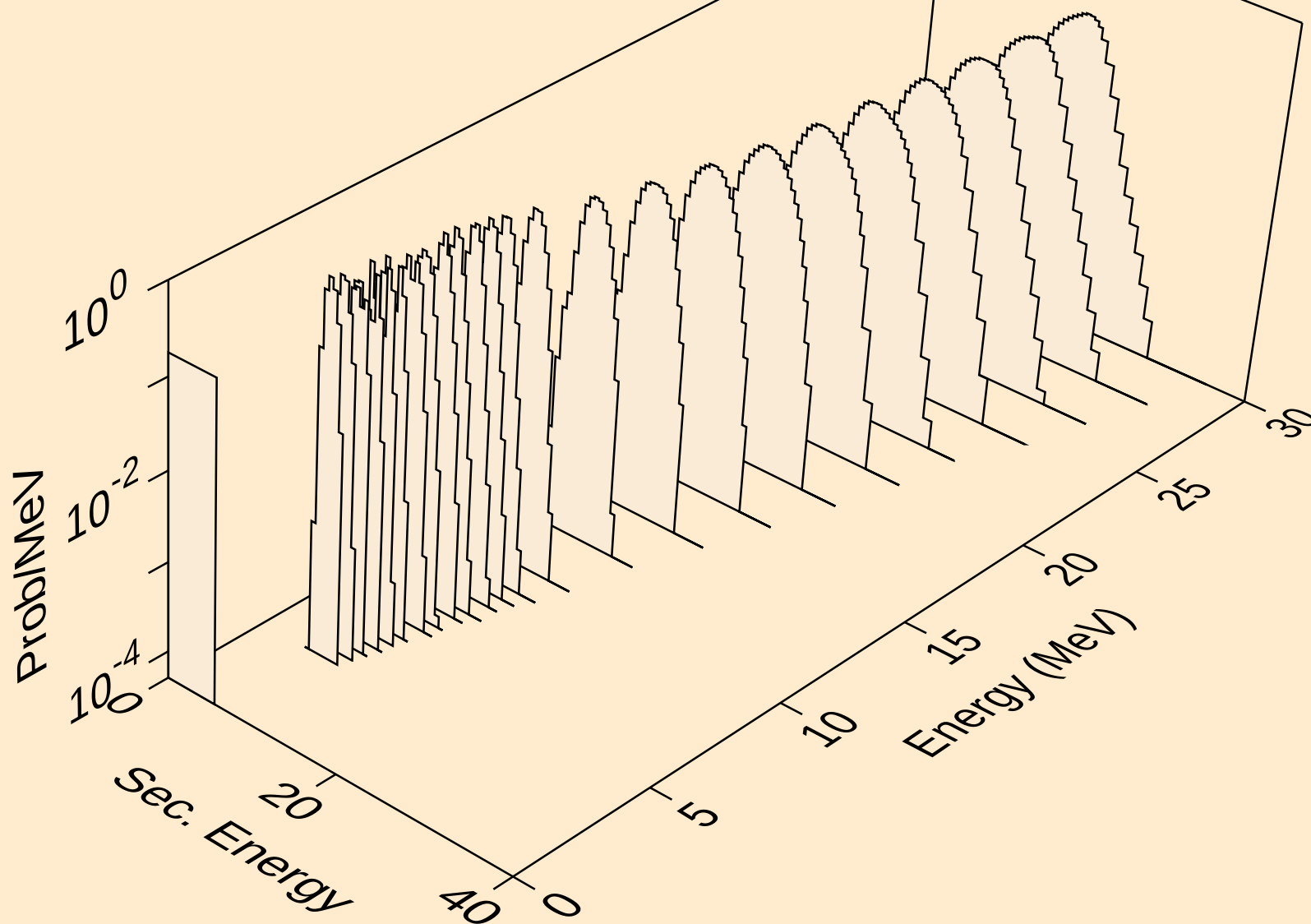
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alphas from (n,2n)a



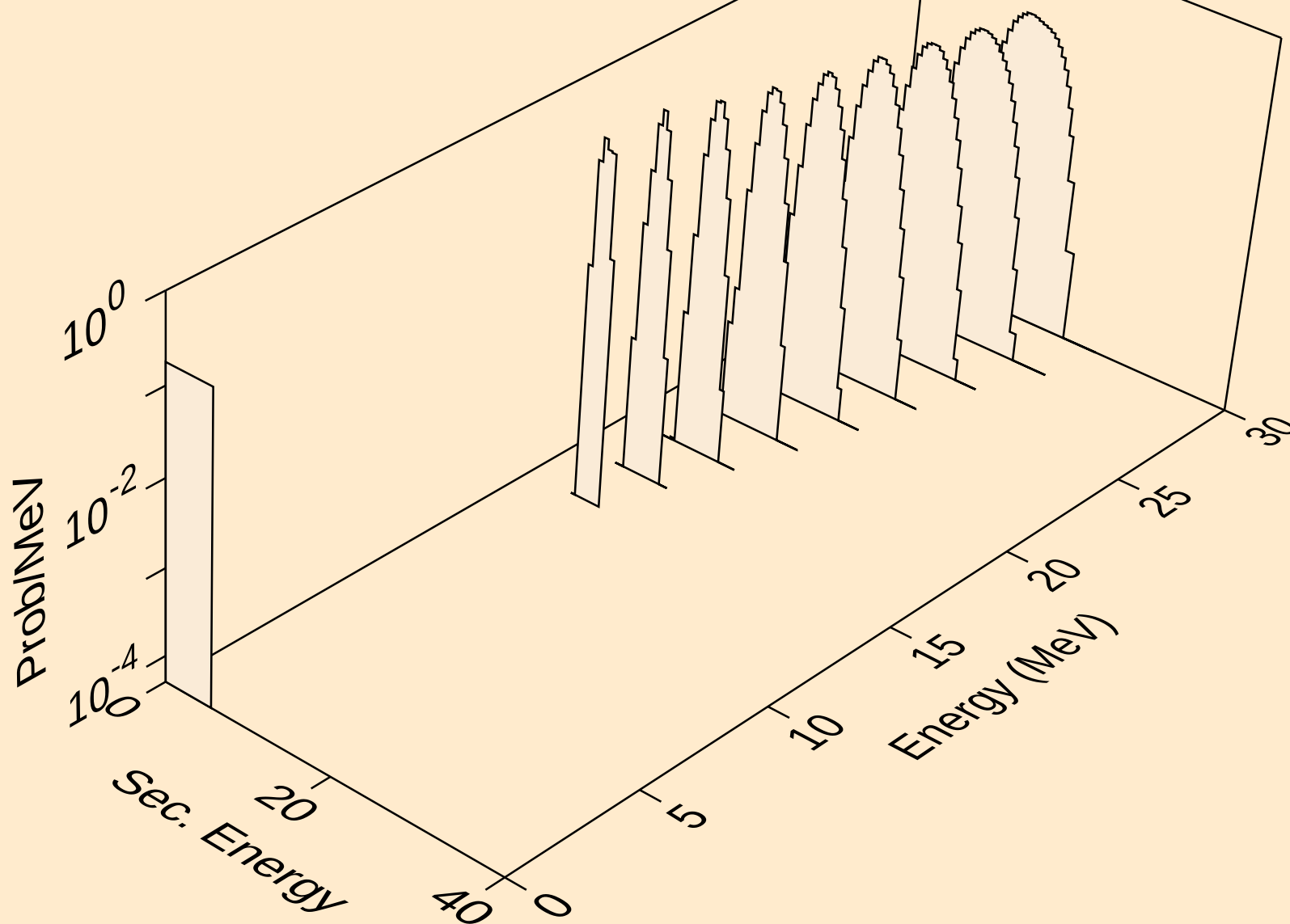
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alphas from (n,3n)a



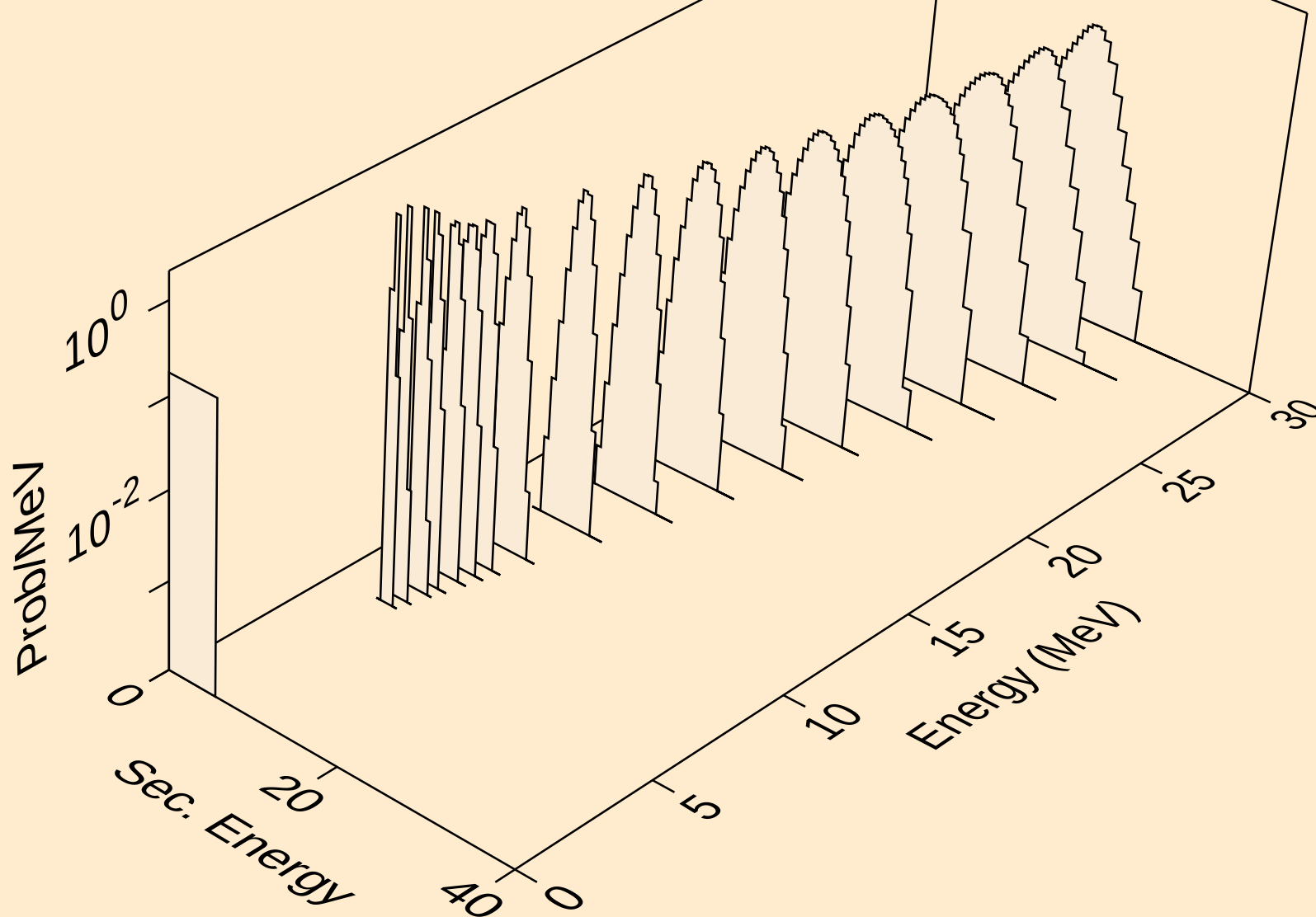
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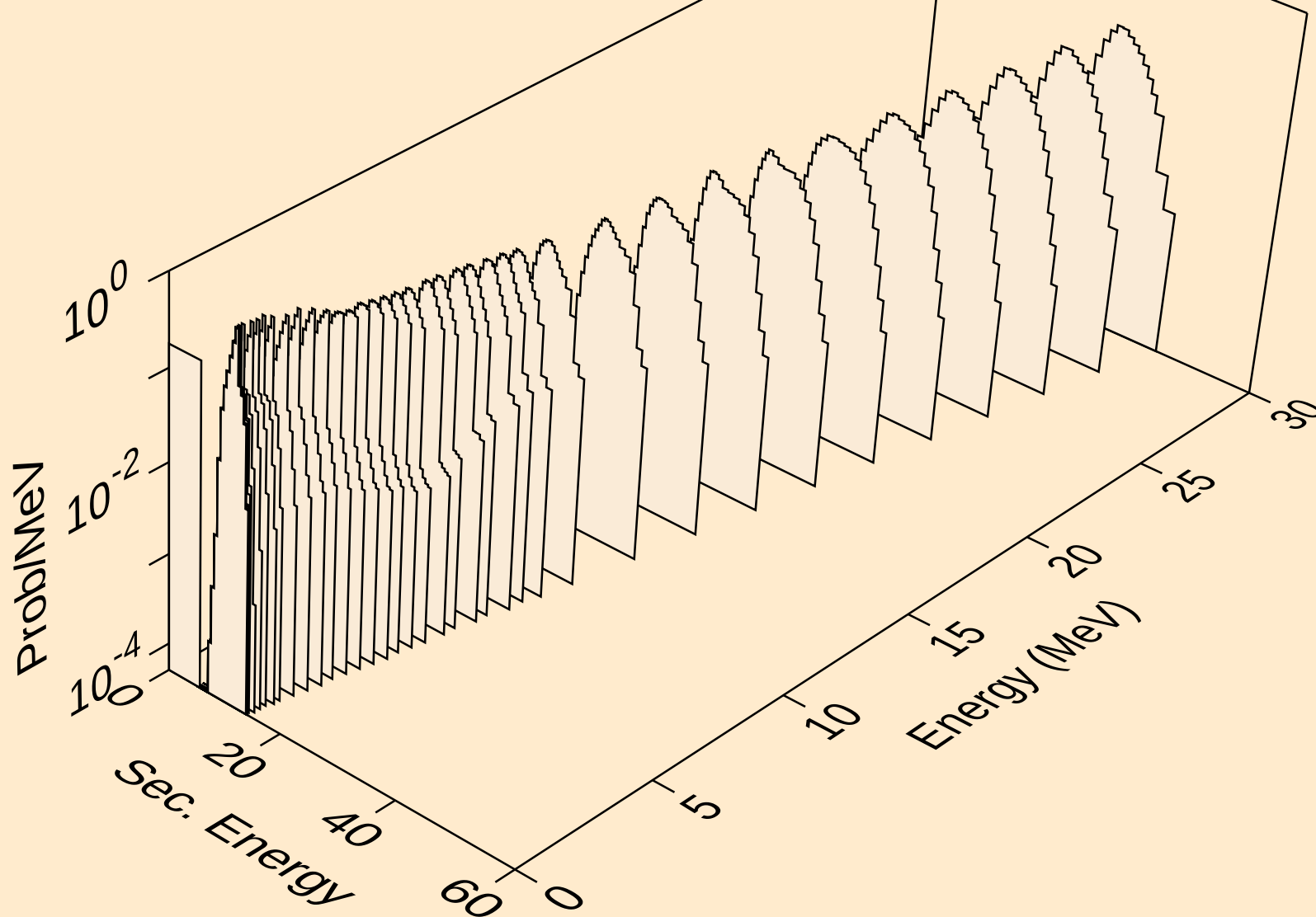
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alphas from (n,2n)2a



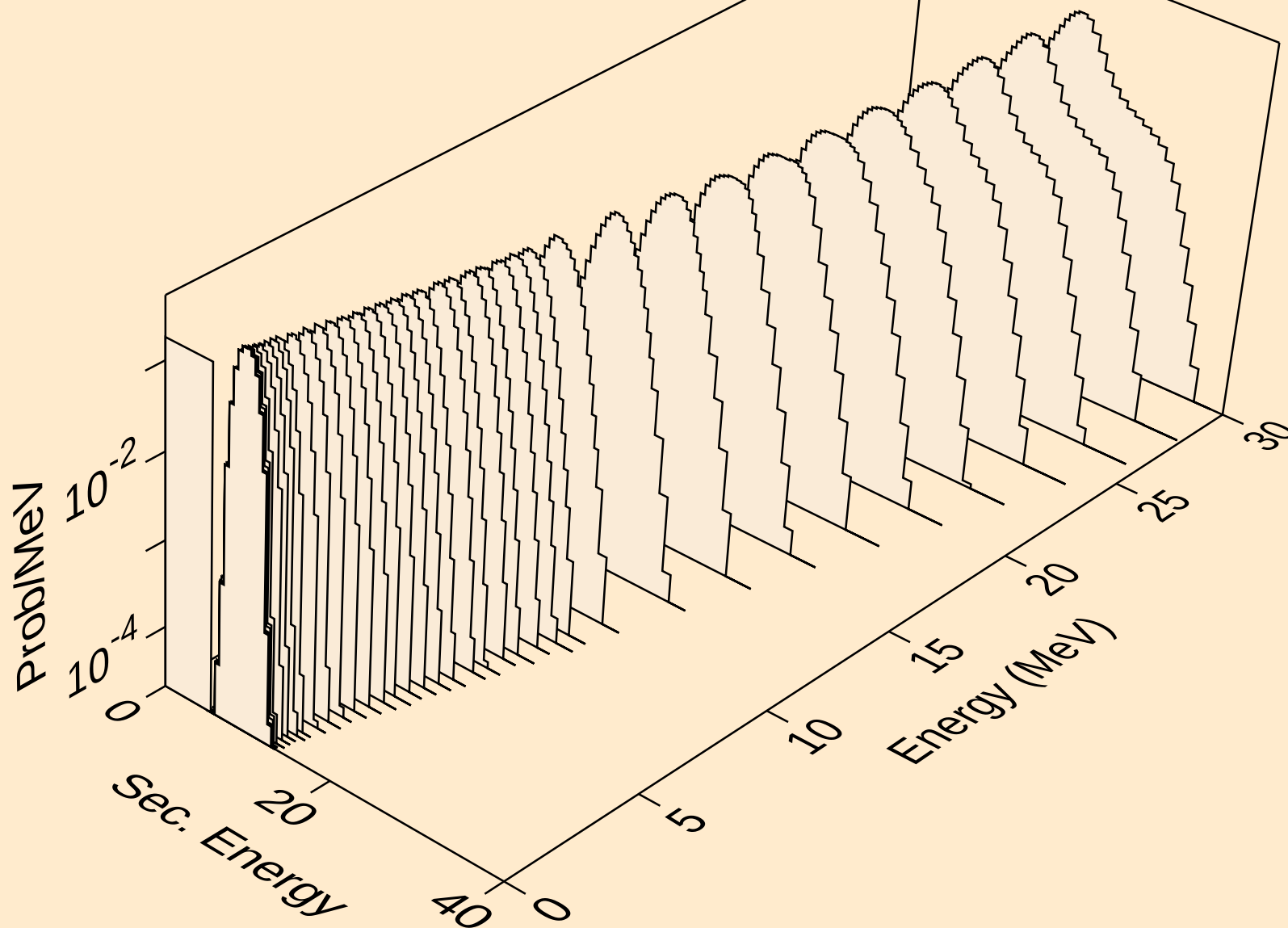
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



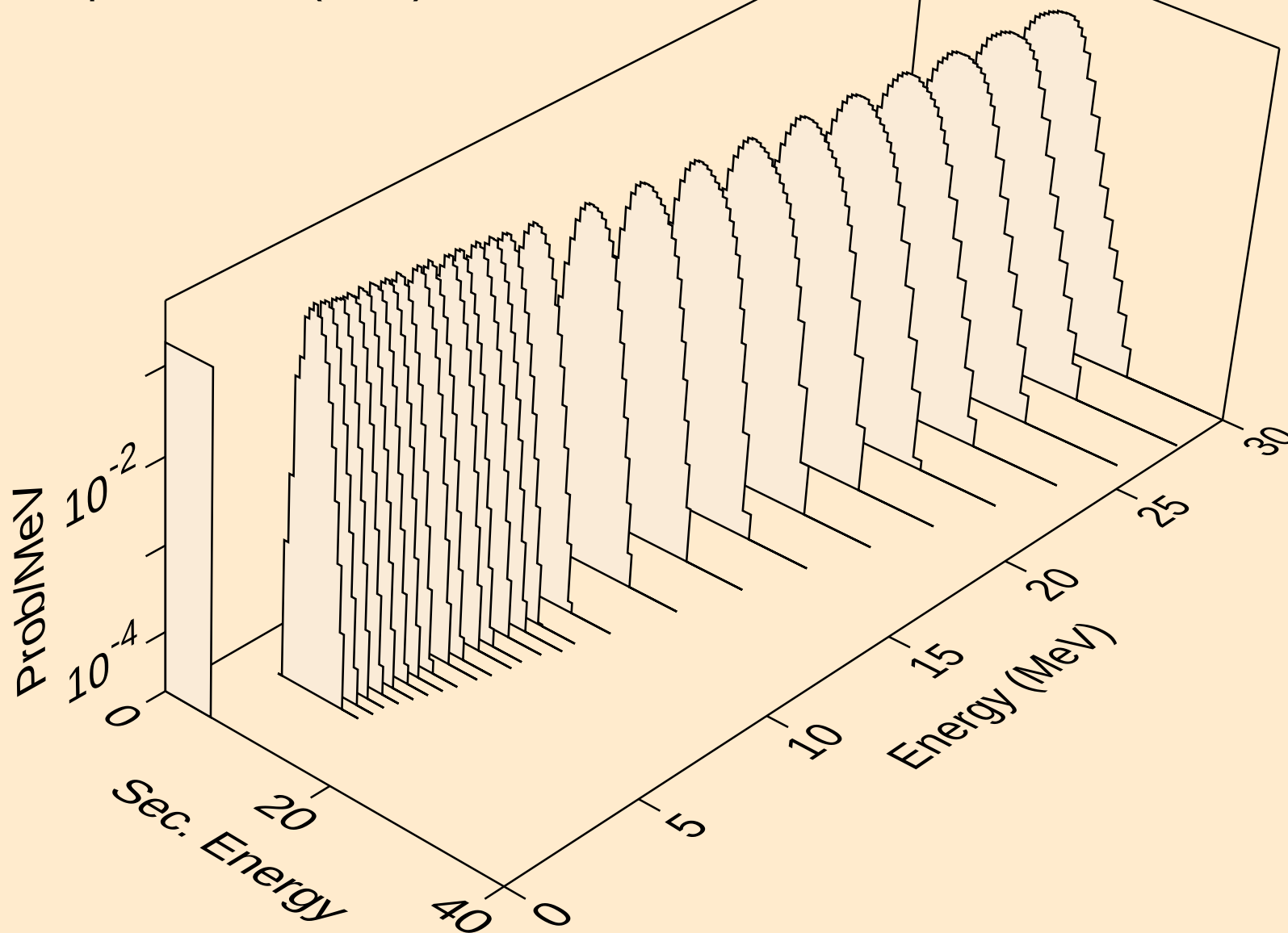
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



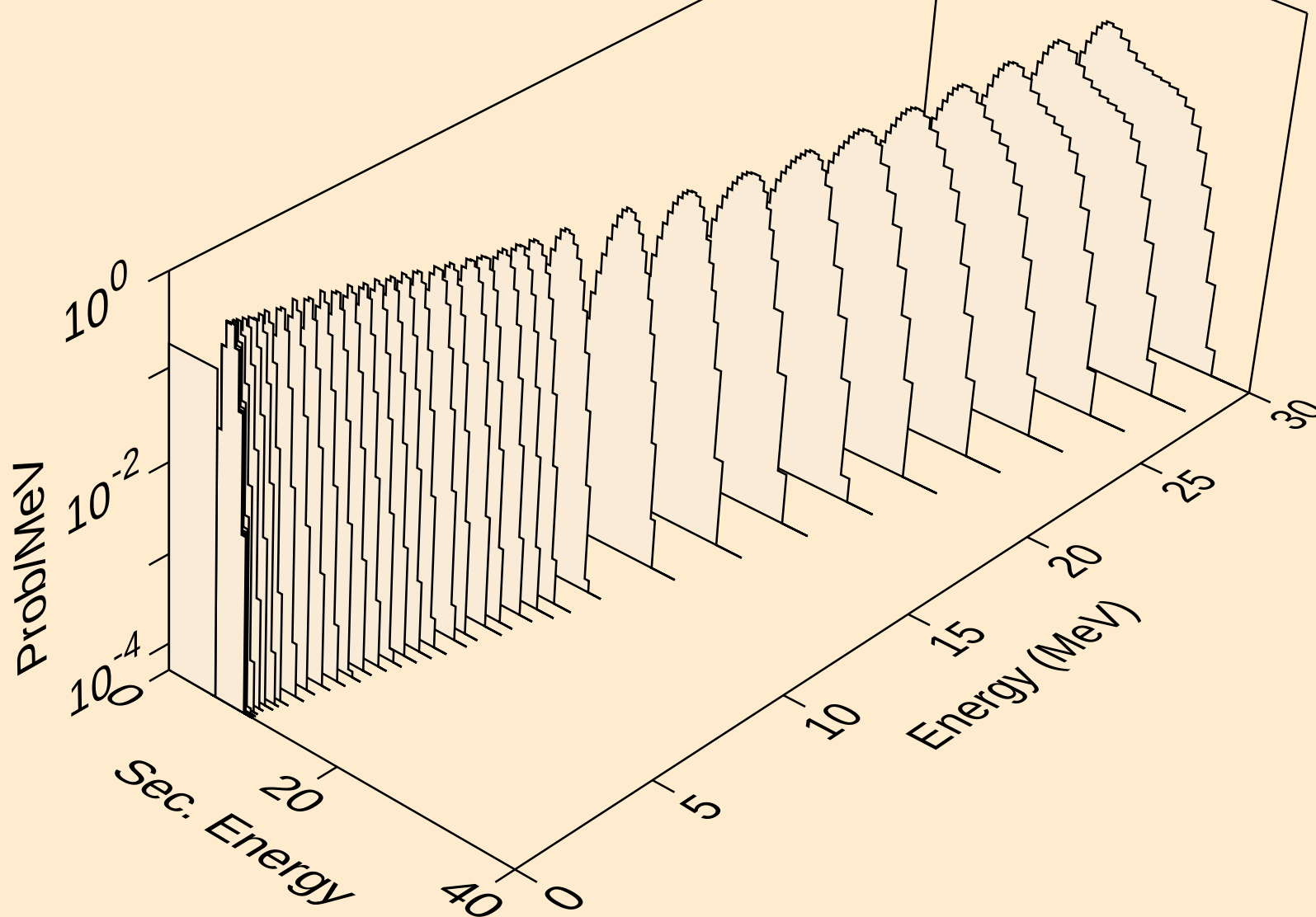
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



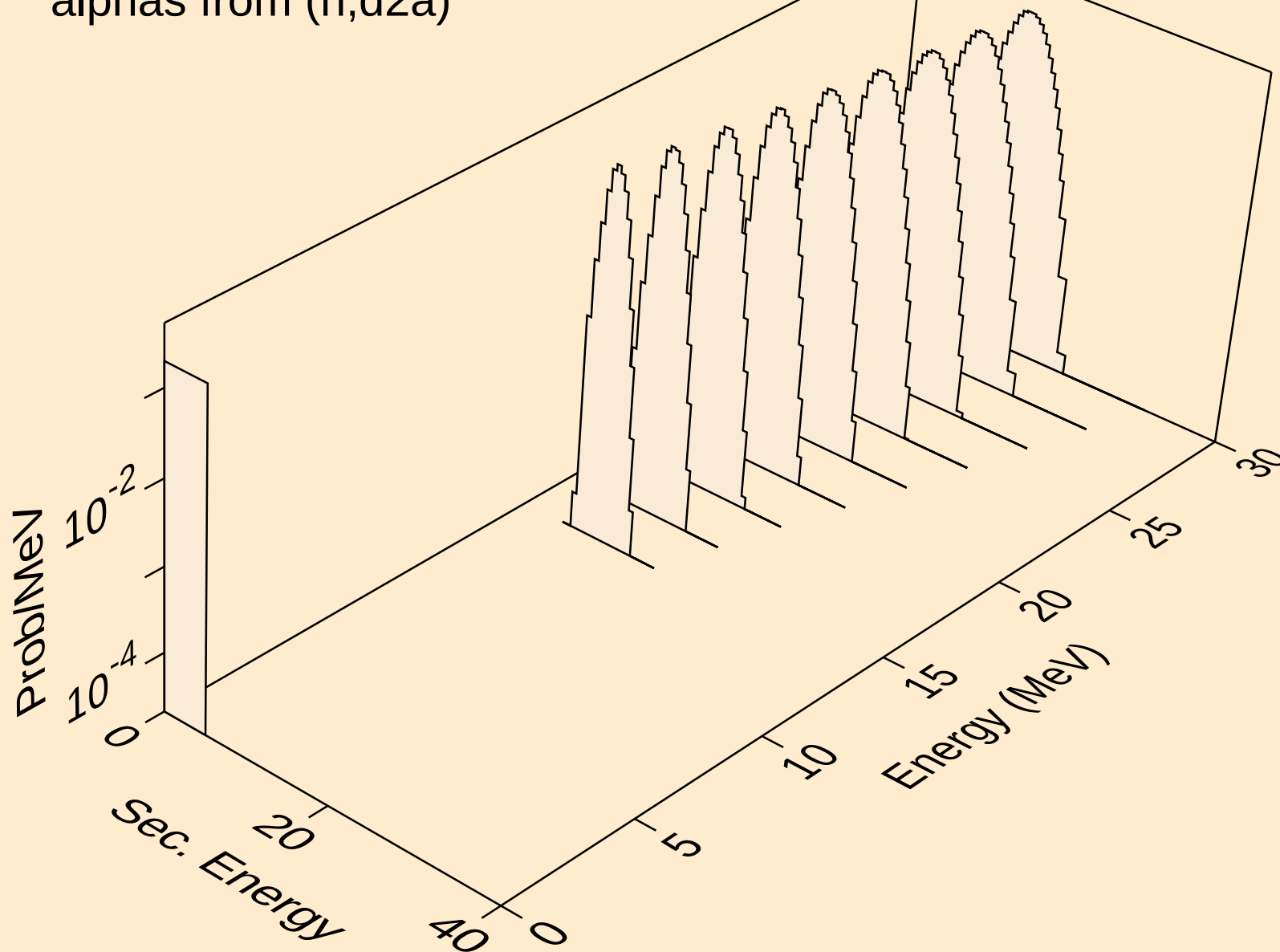
HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



HG182 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

