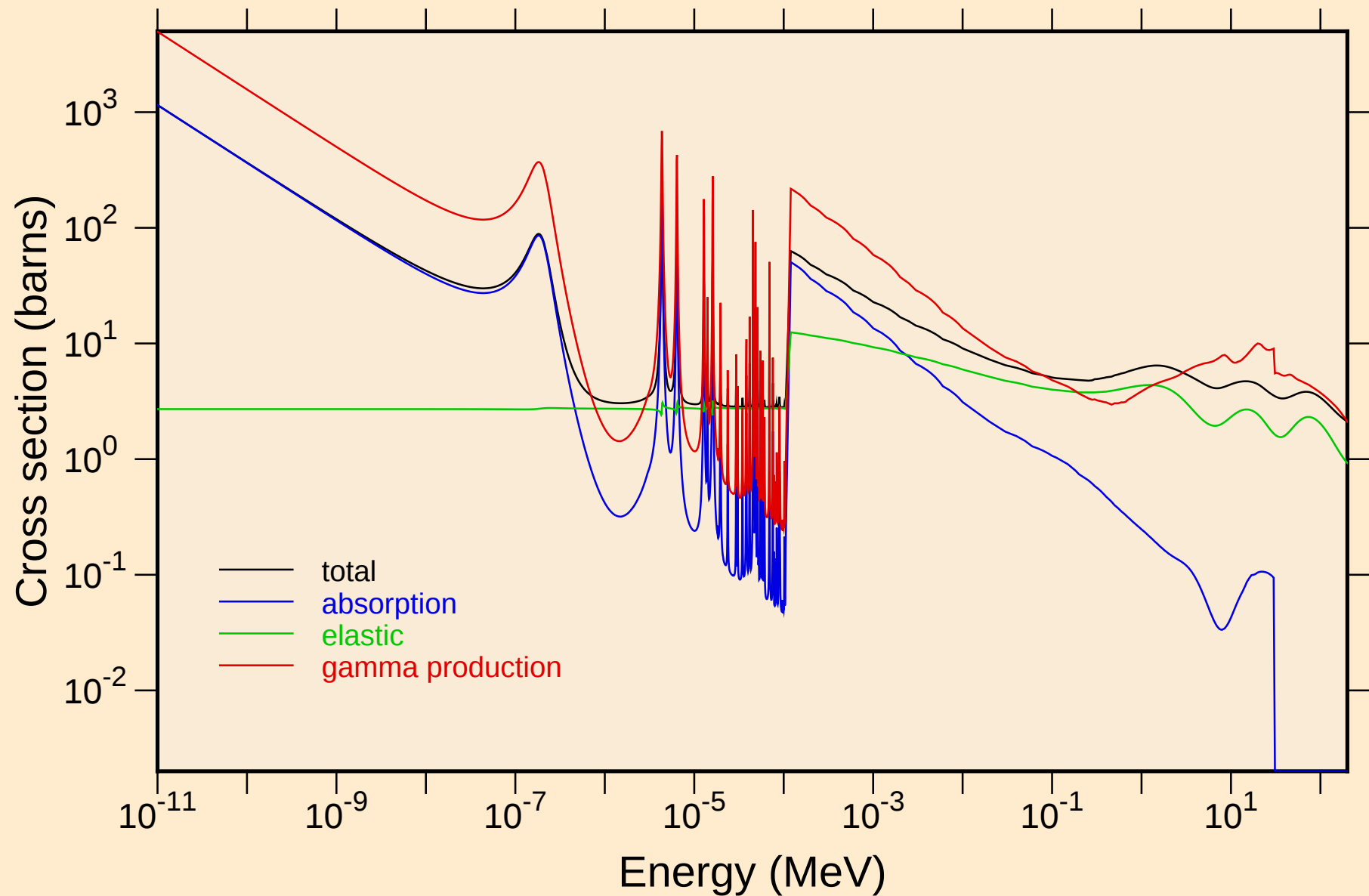
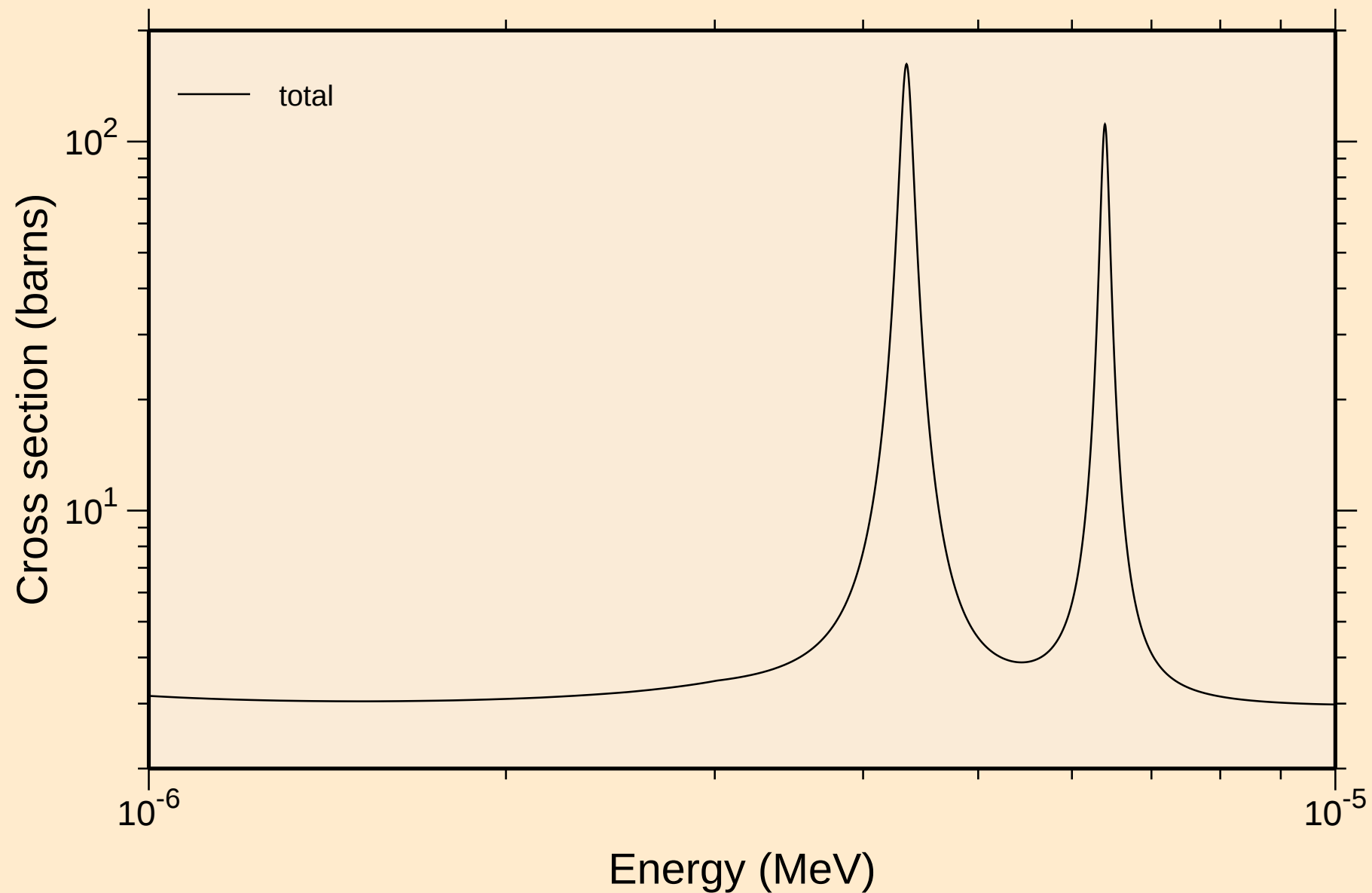


# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

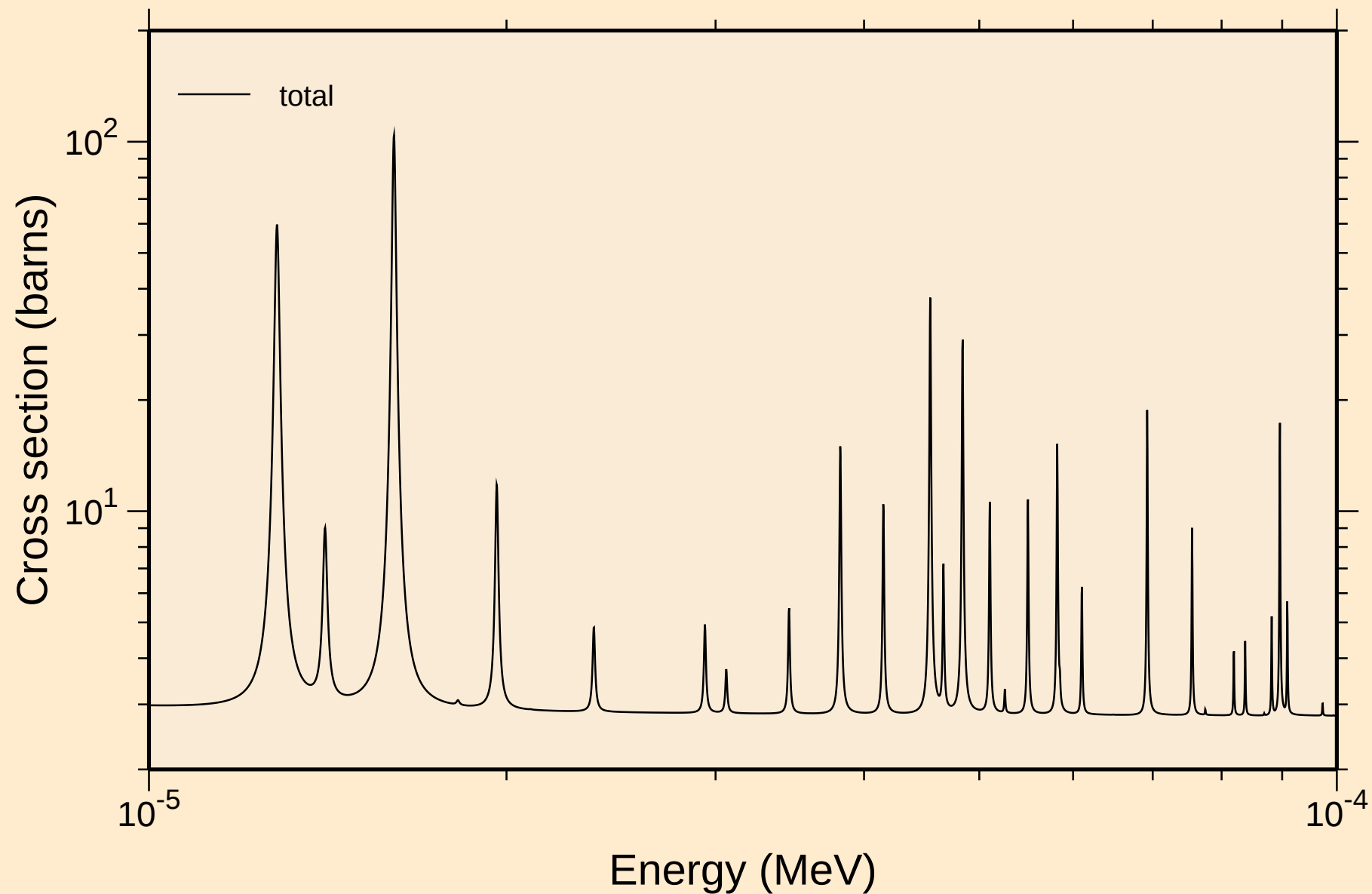
## Principal cross sections



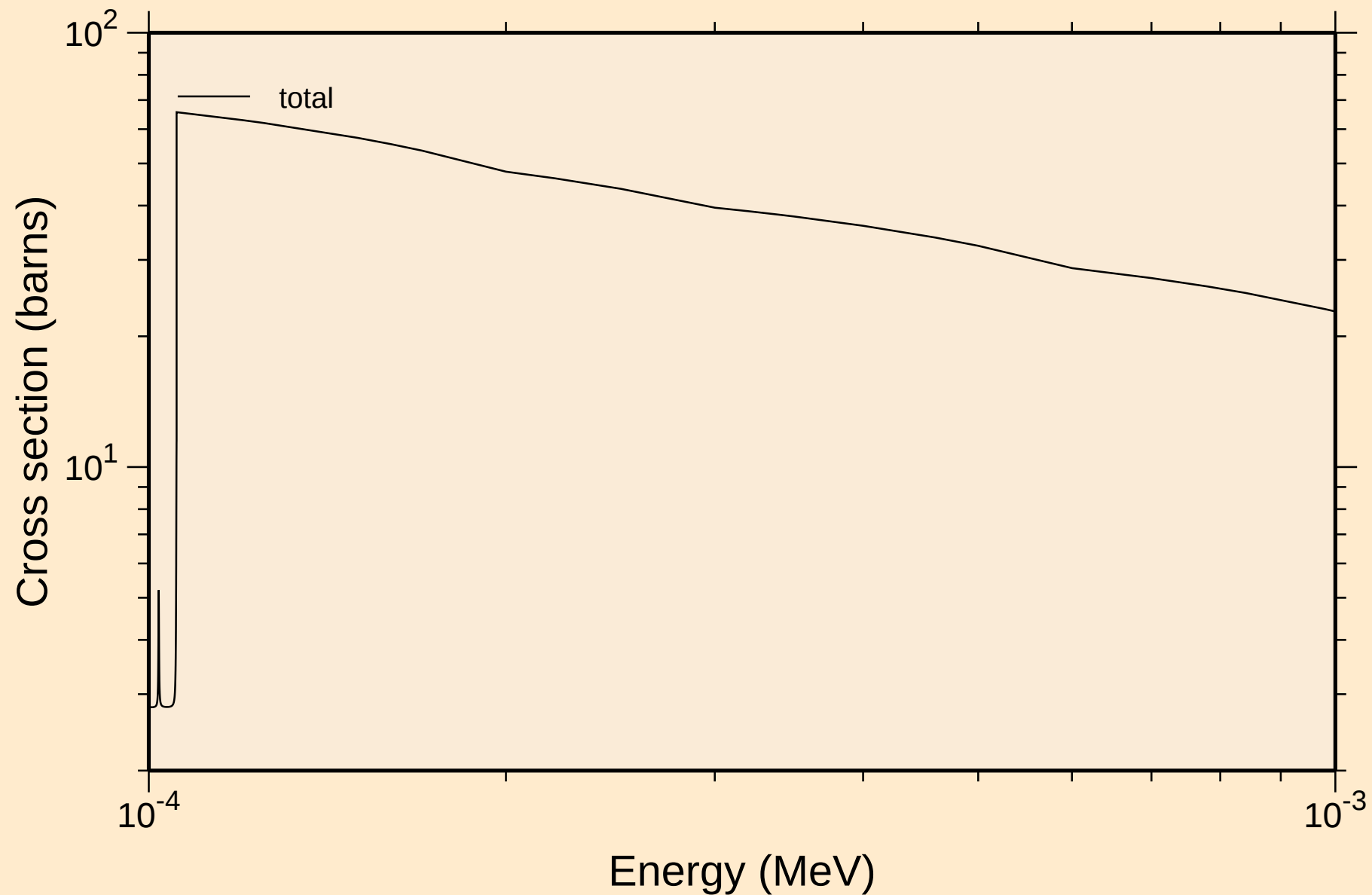
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



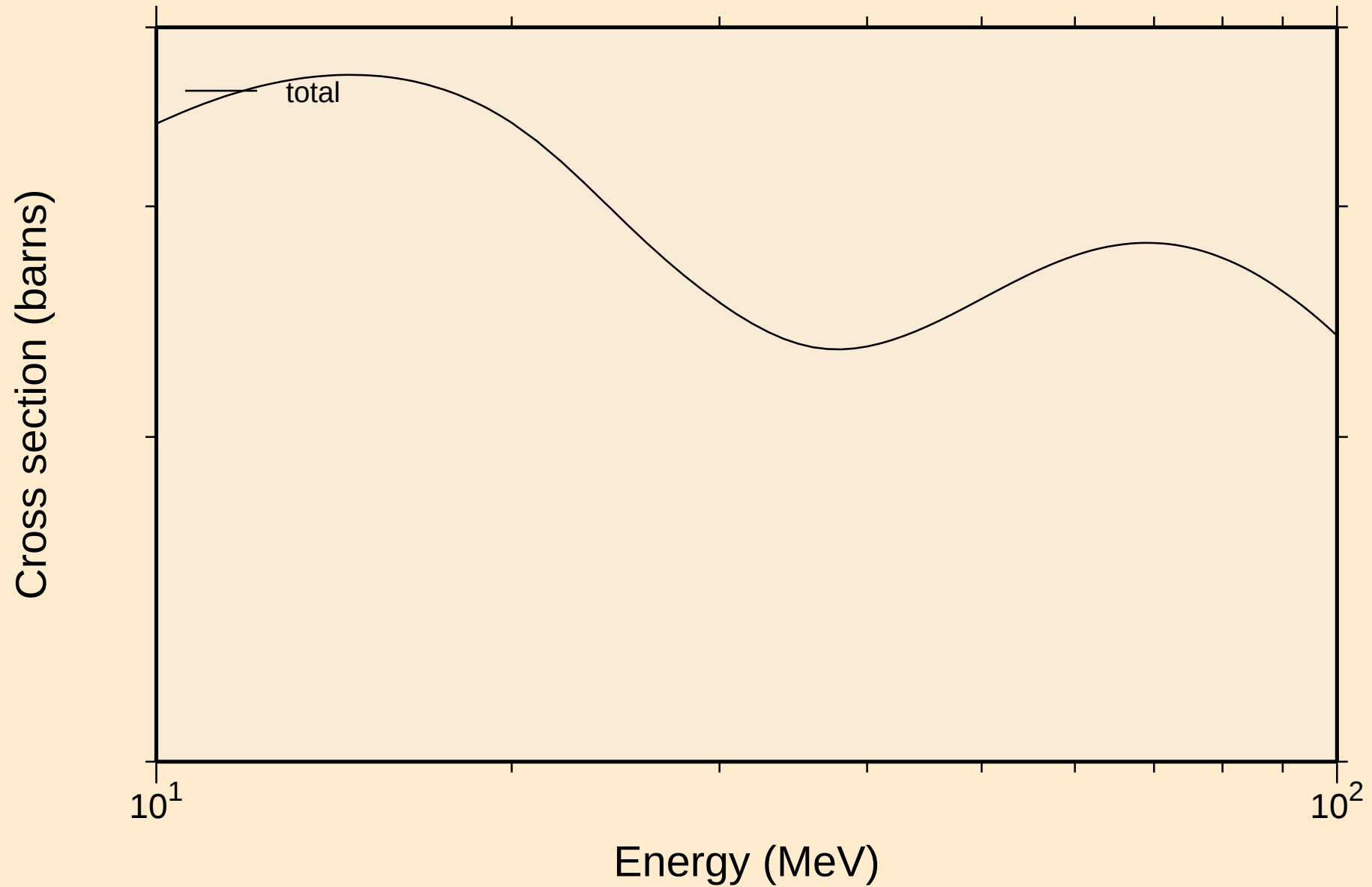
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



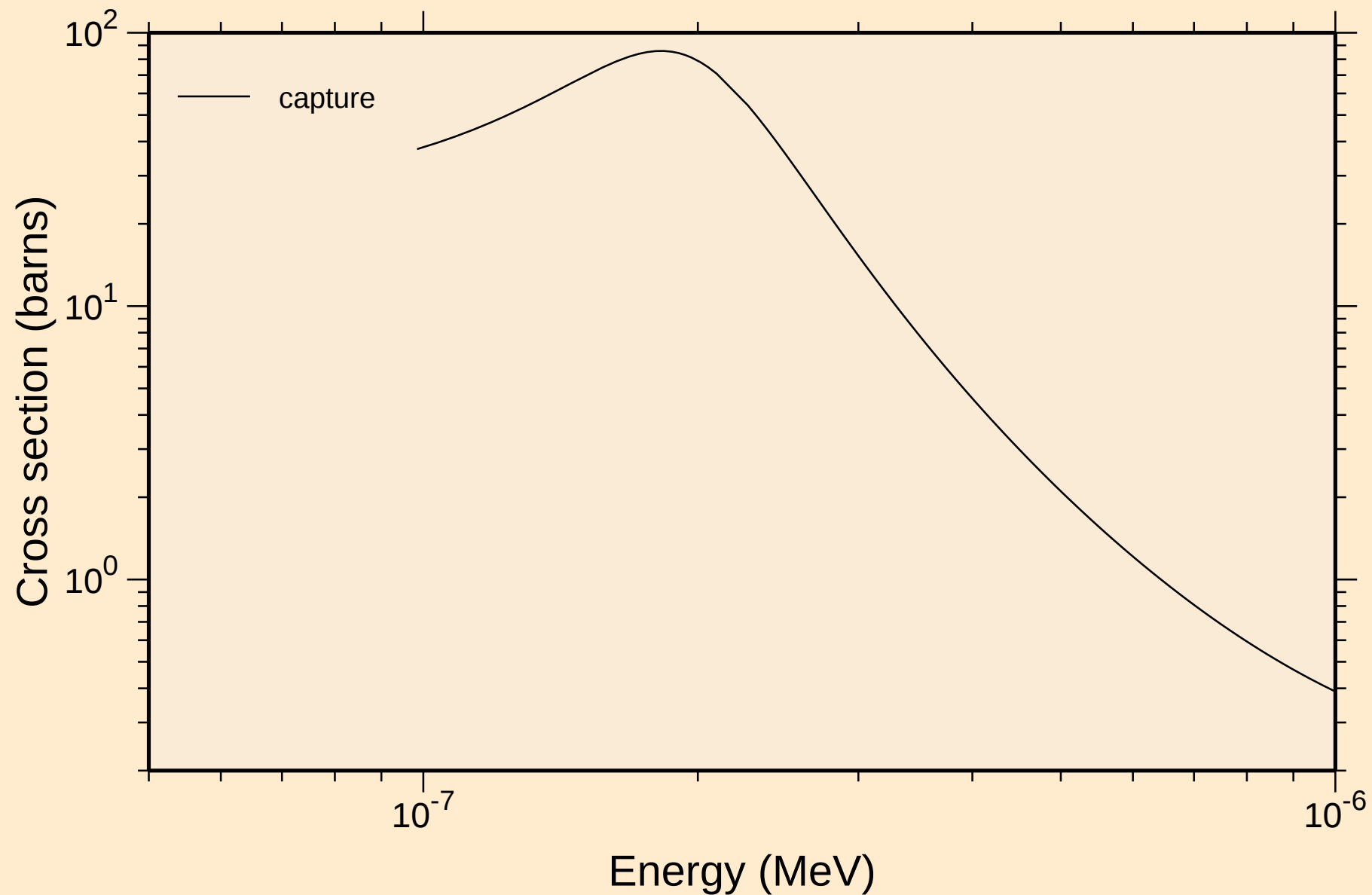
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



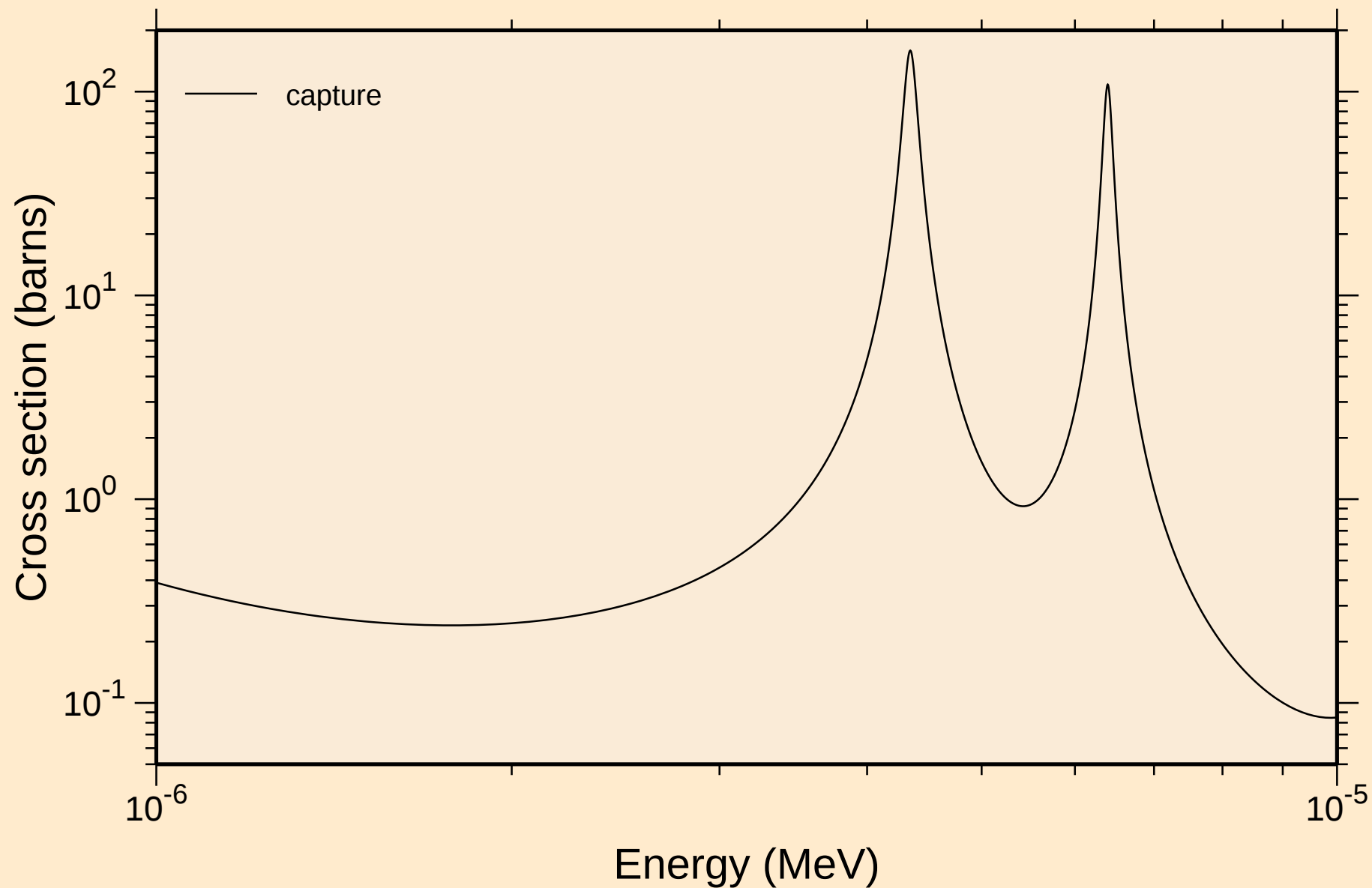
B̄A129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



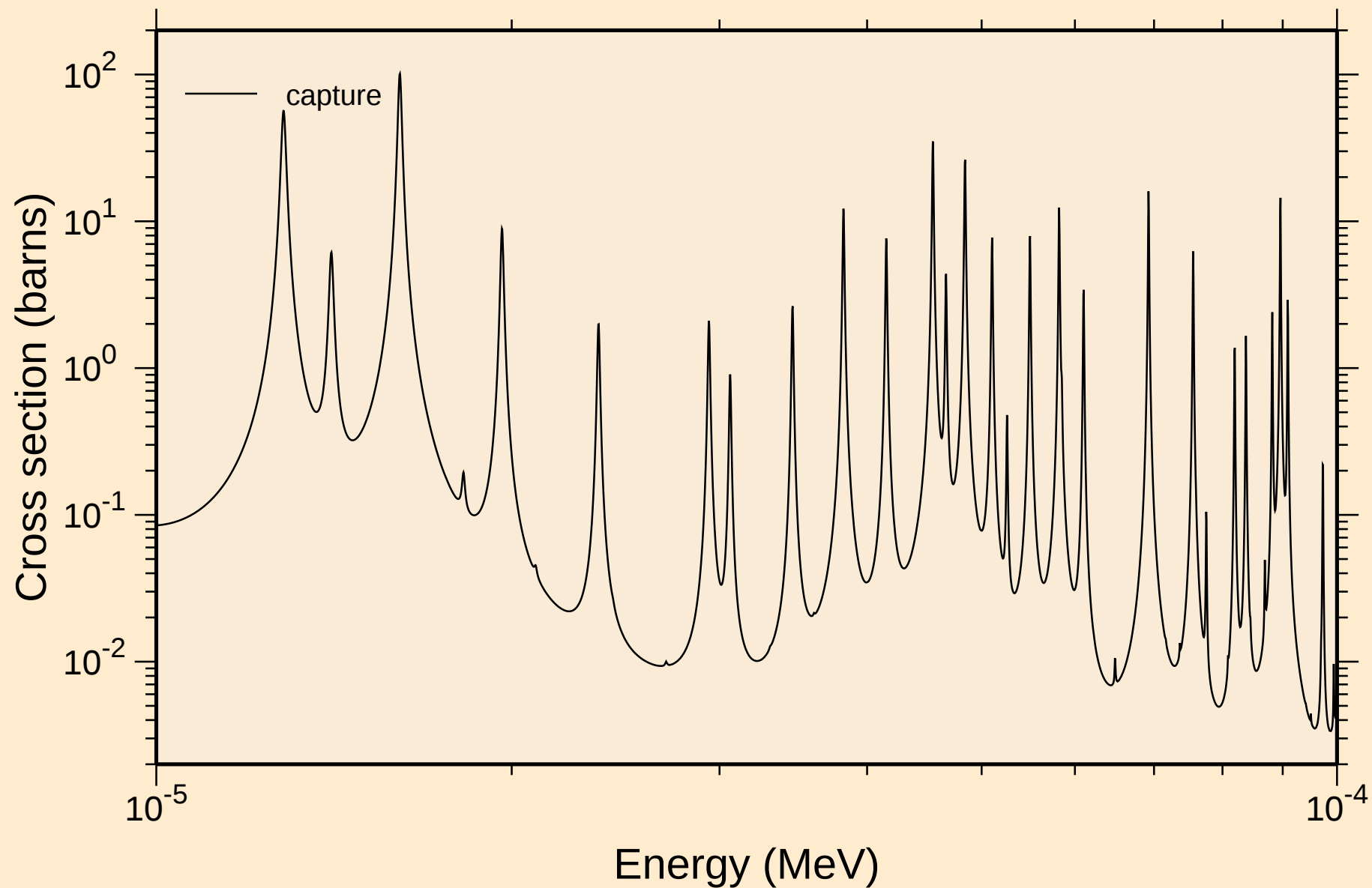
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



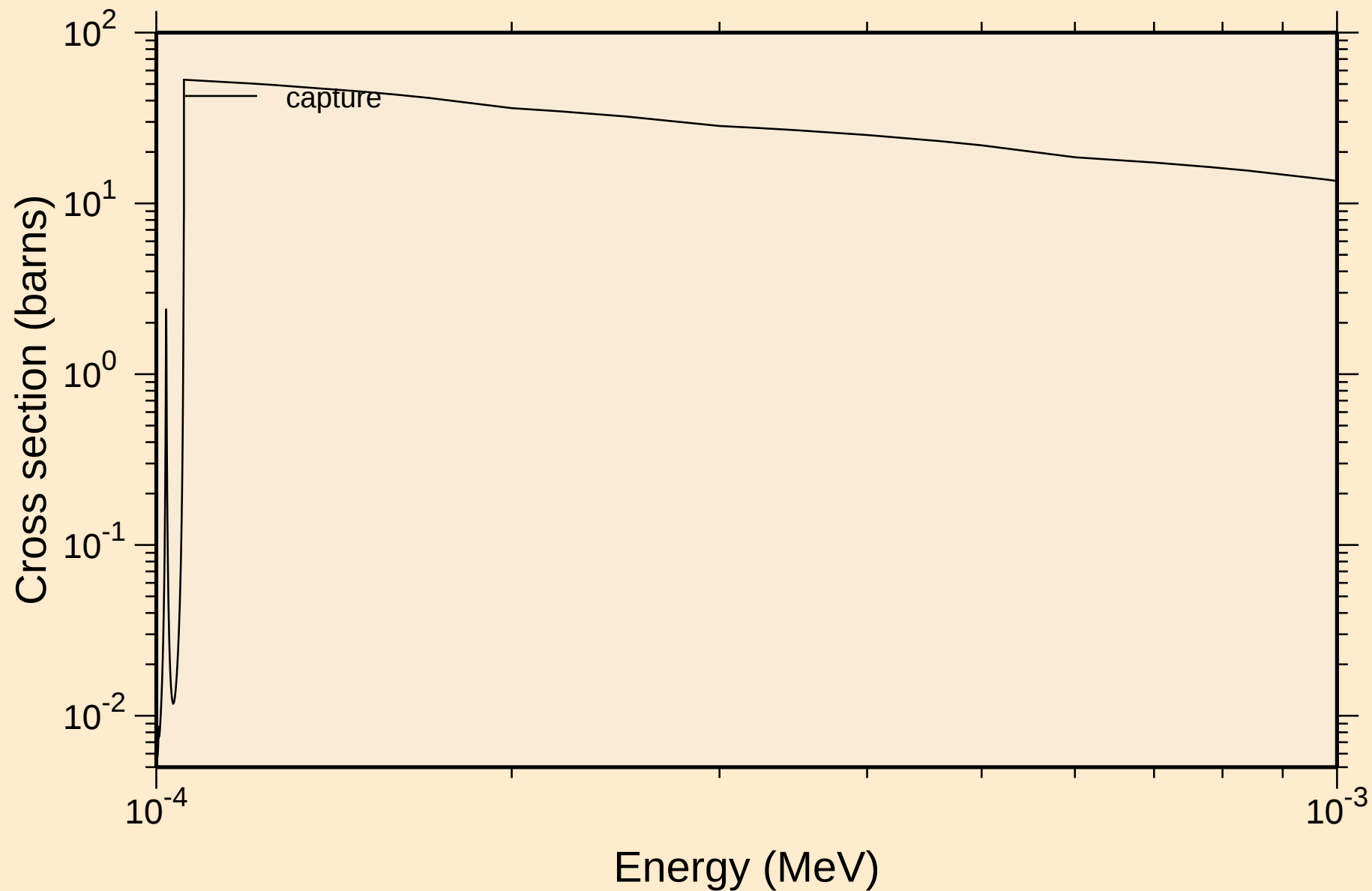
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resonance absorption cross sections



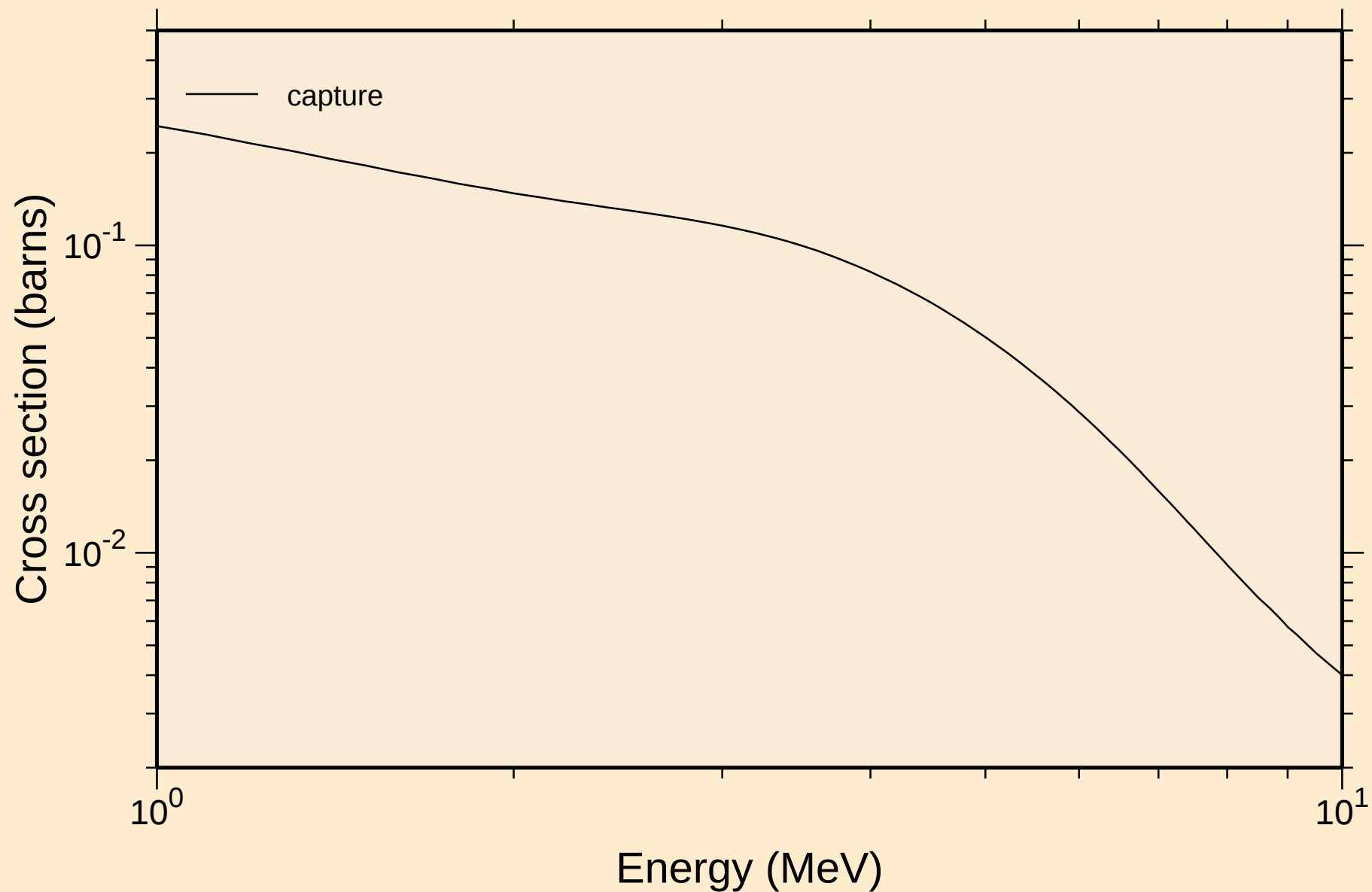
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

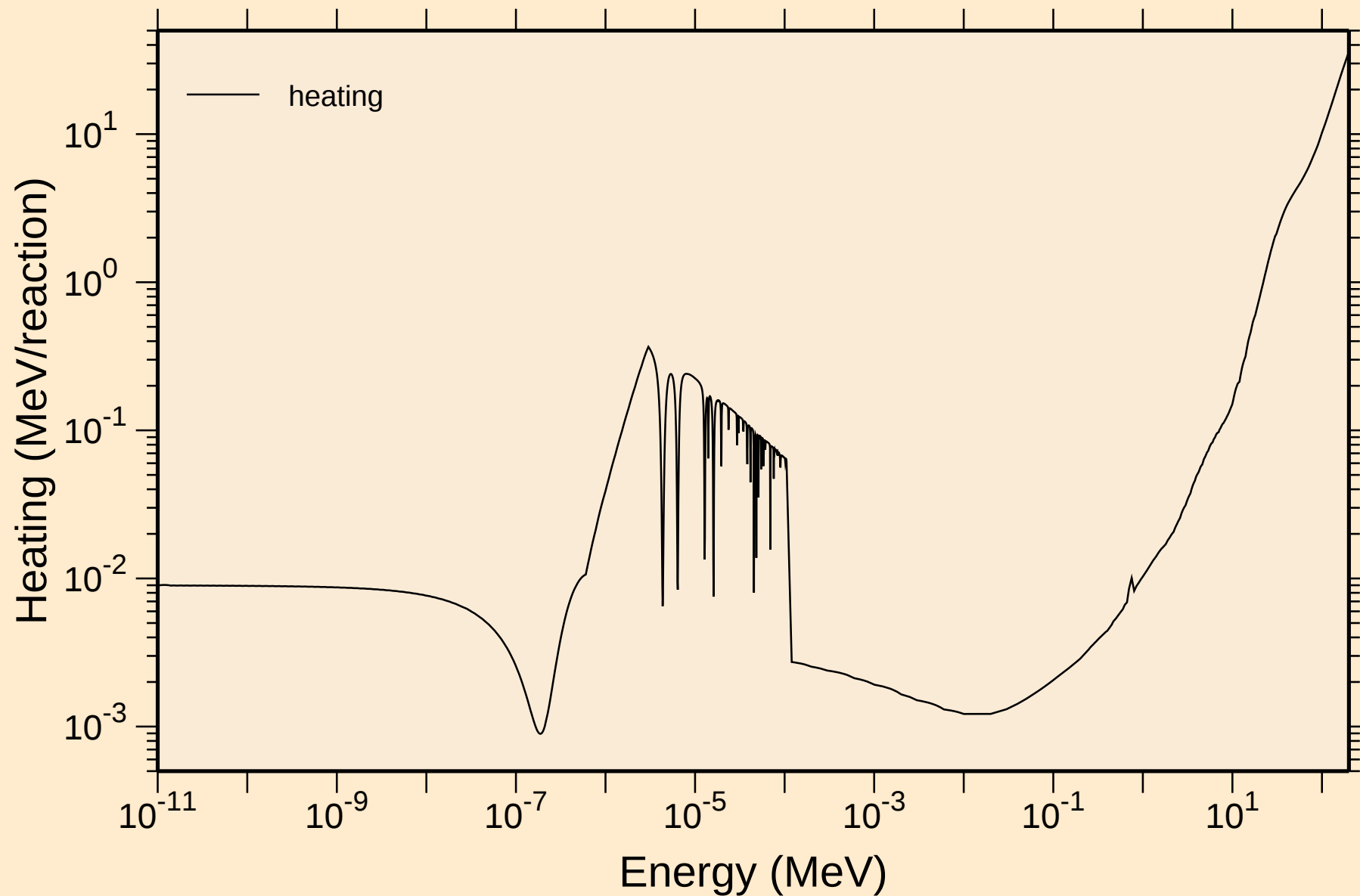


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



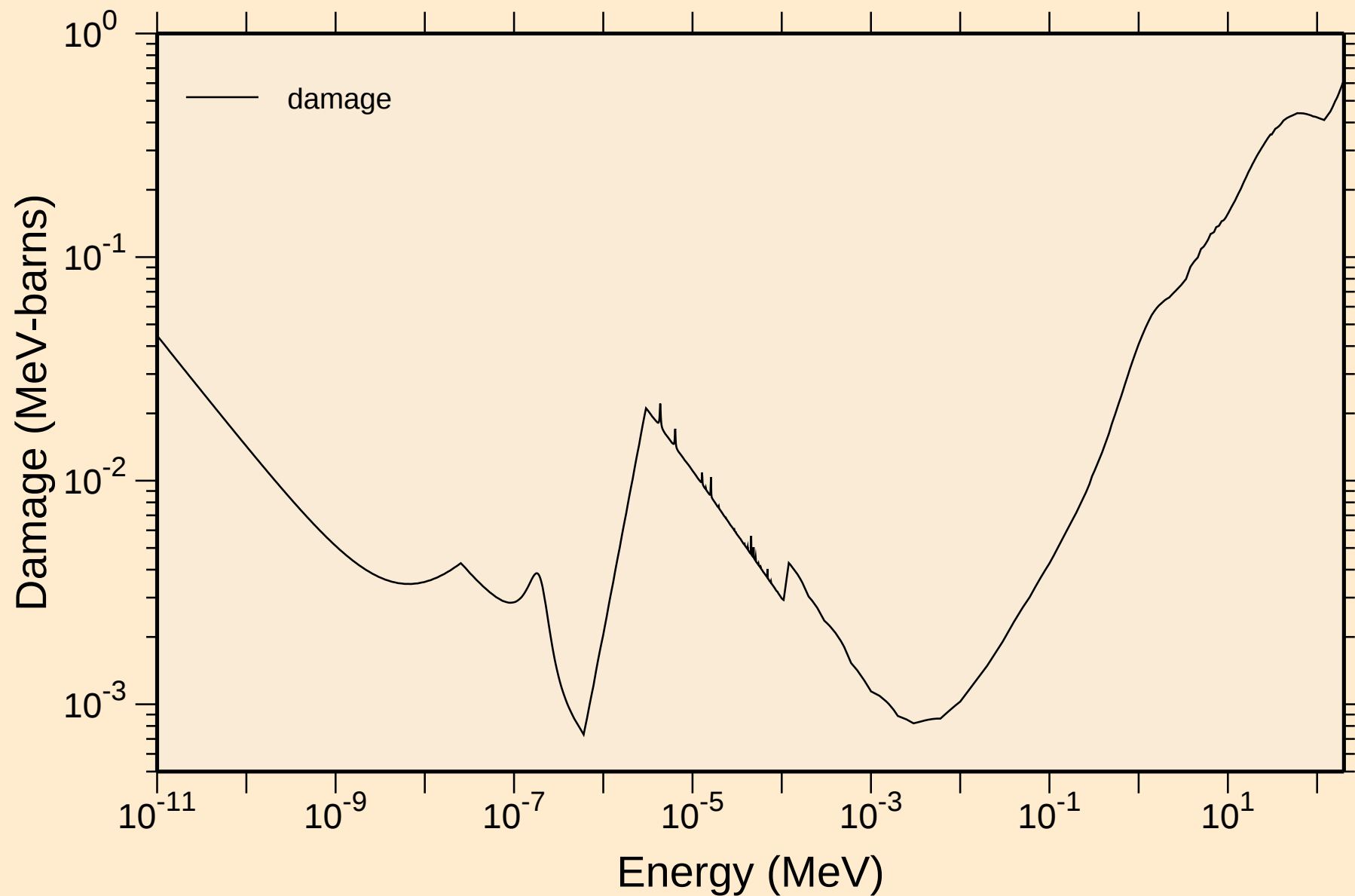
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

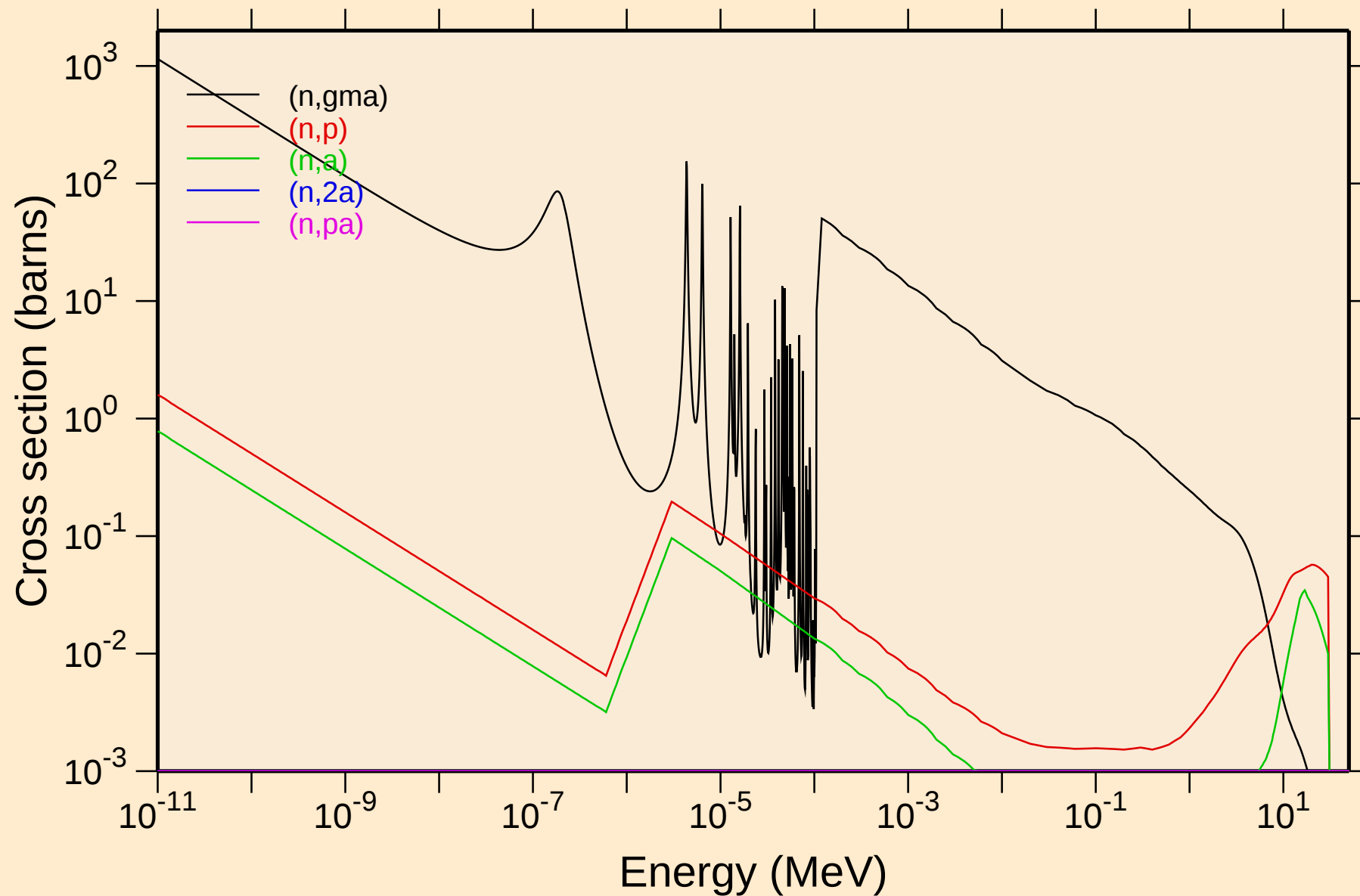


# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

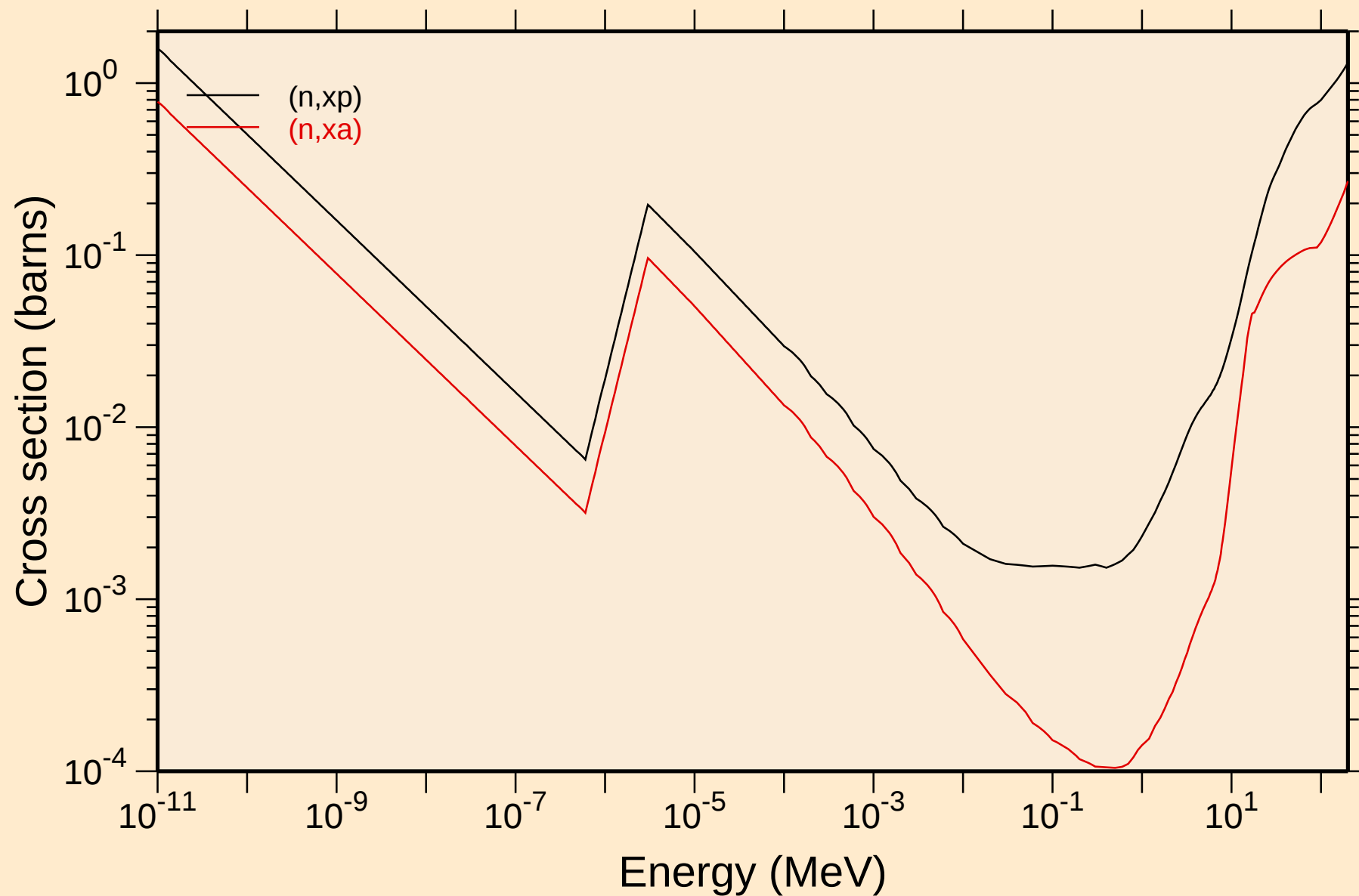


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



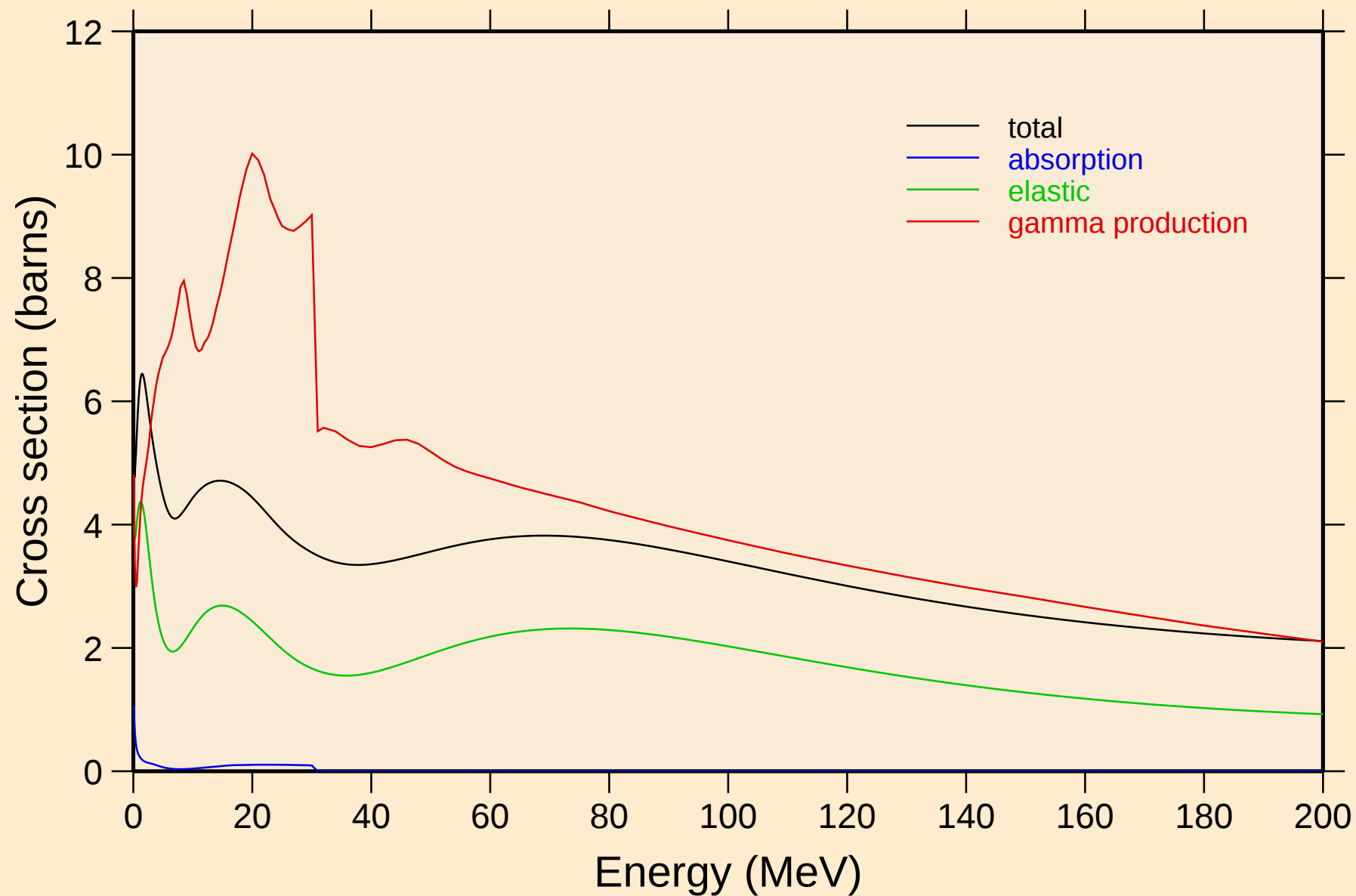
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



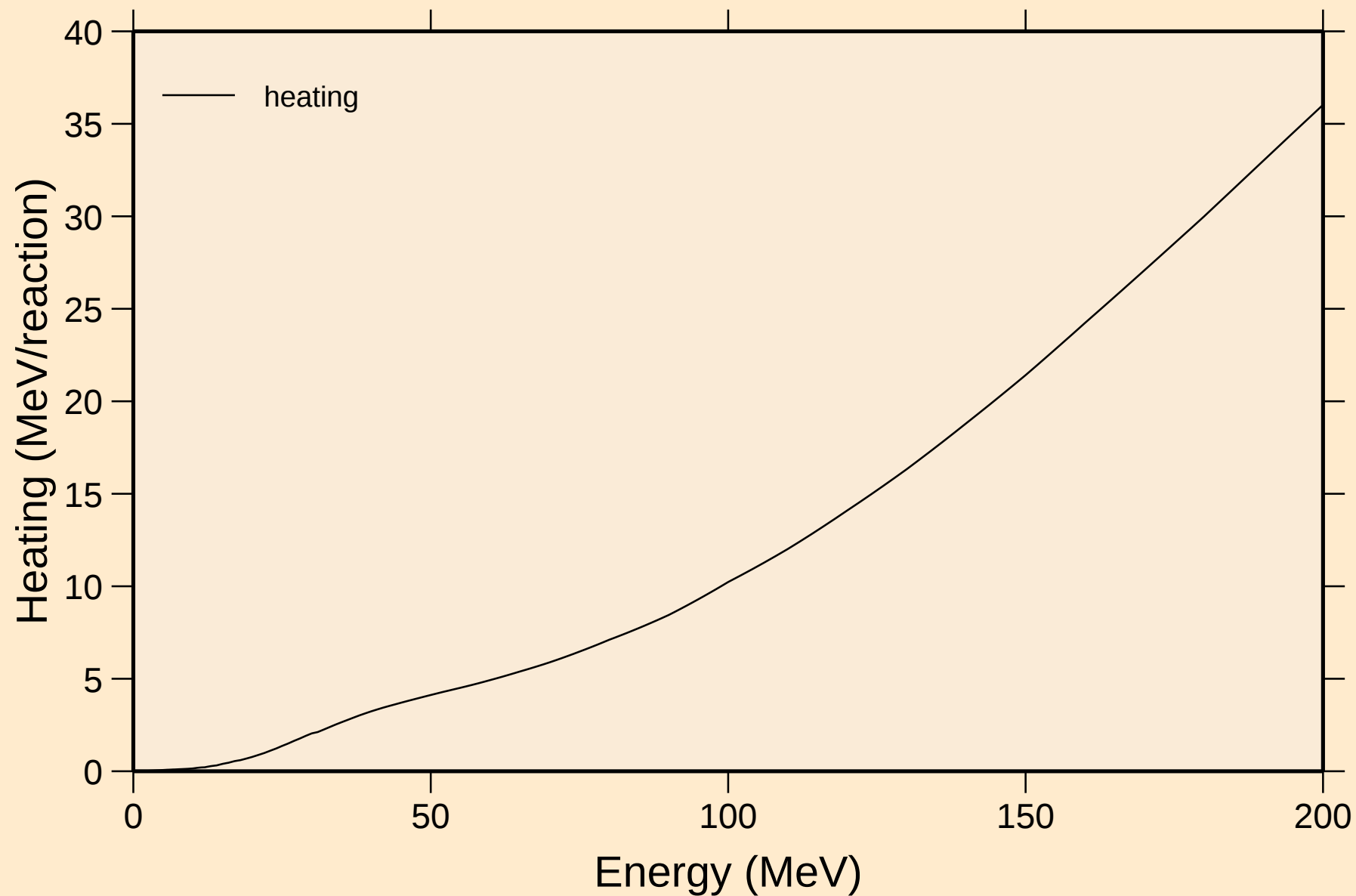
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



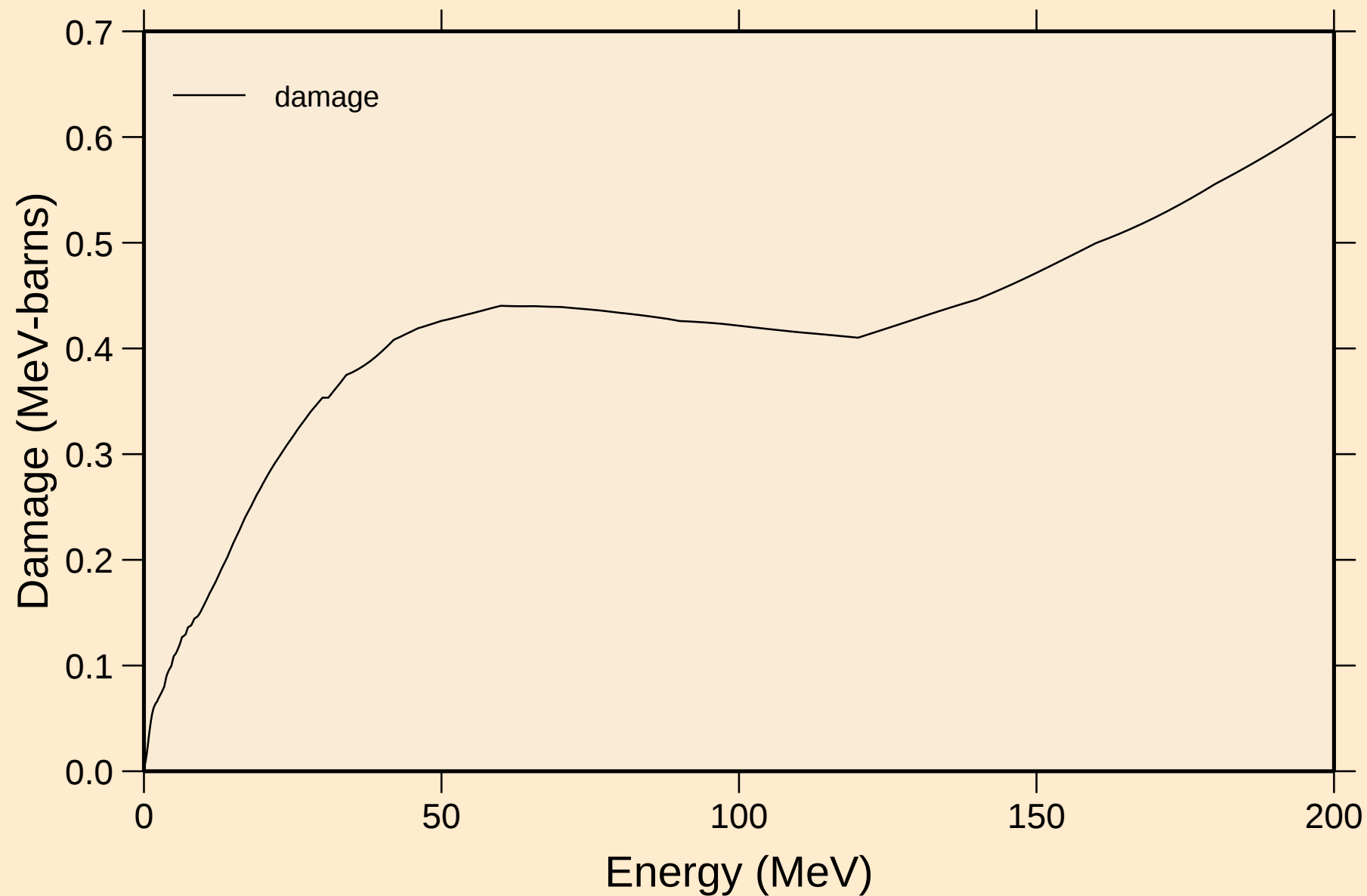
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Heating

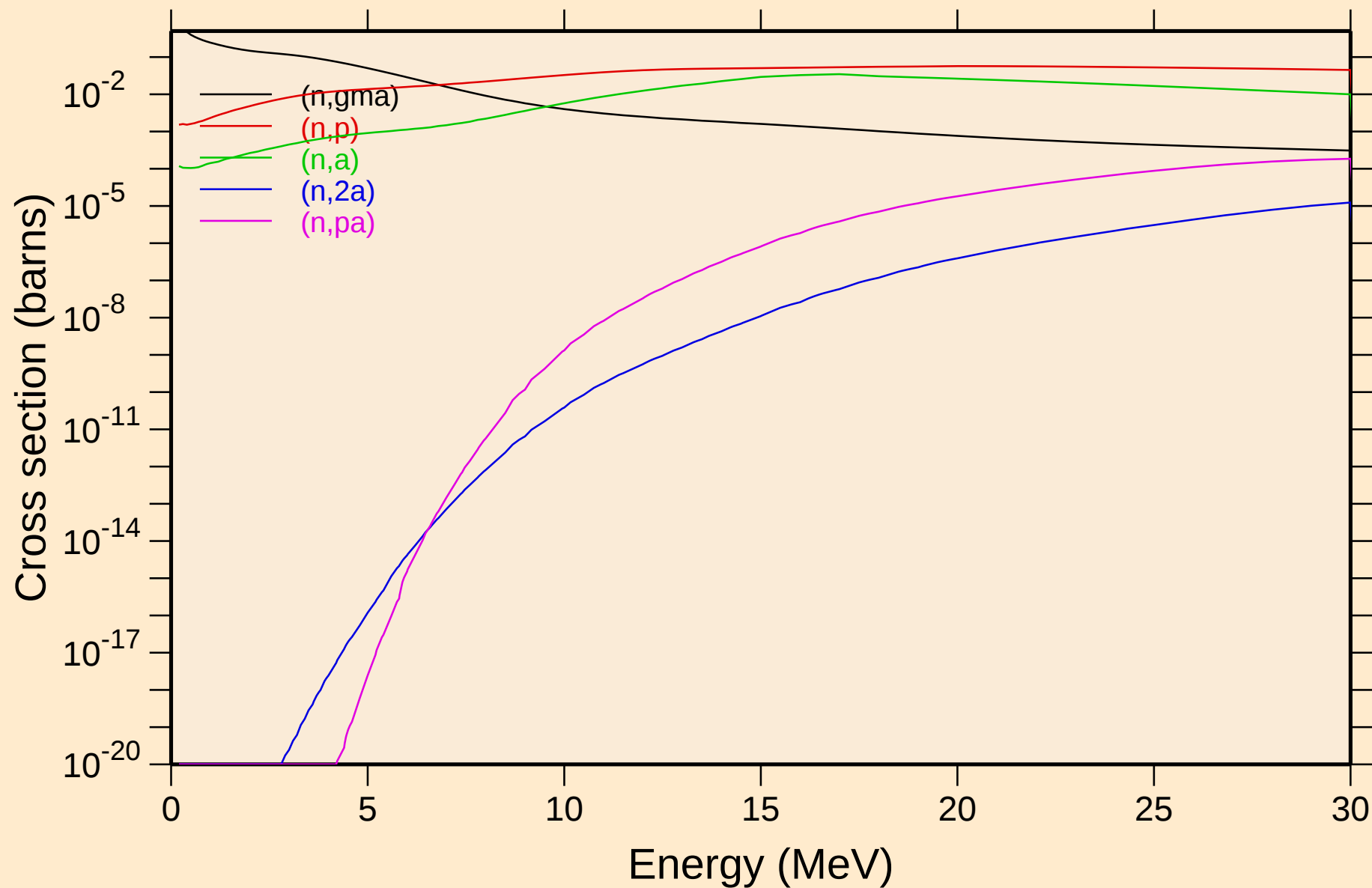


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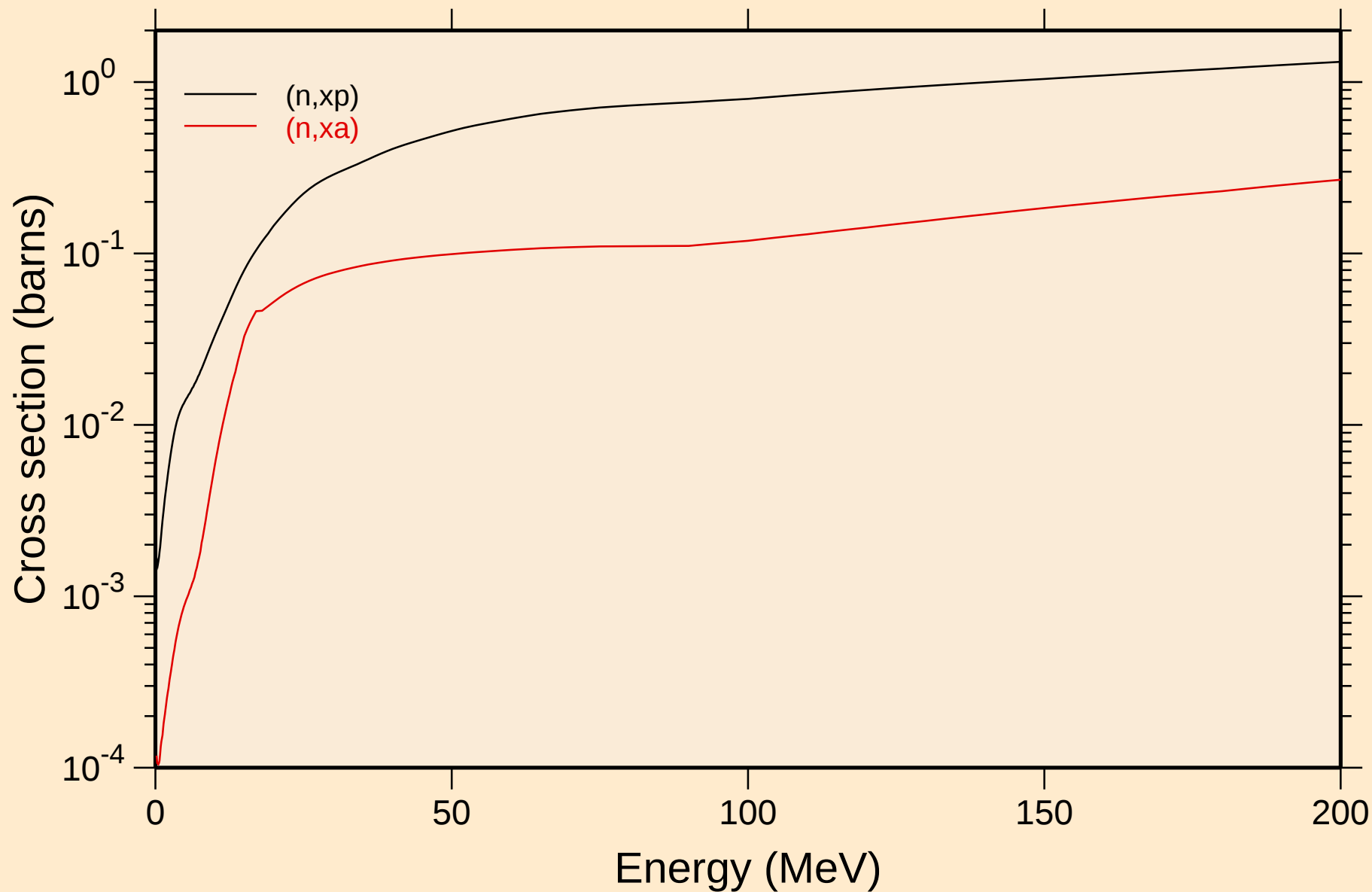
Damage



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

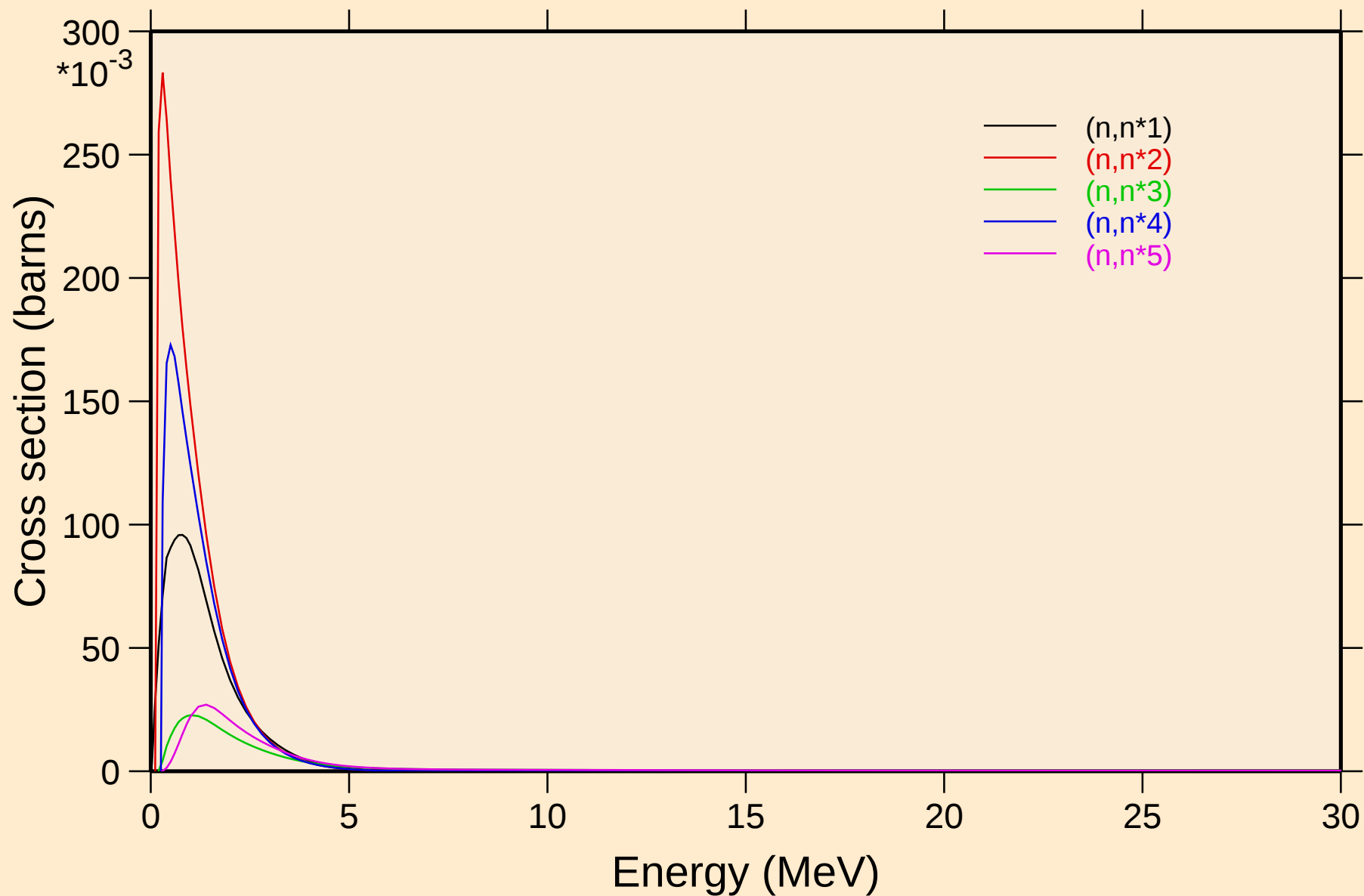


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



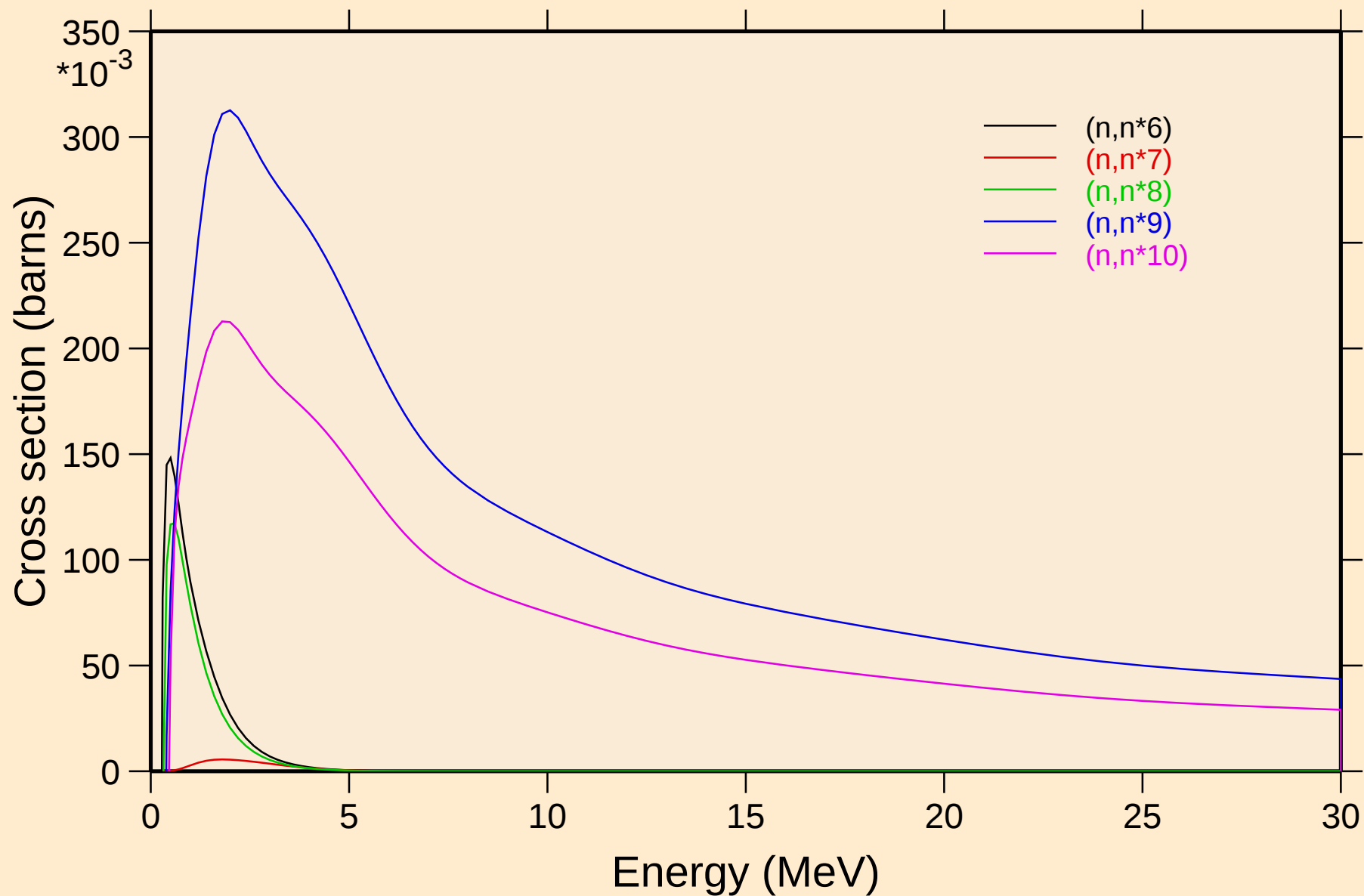
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



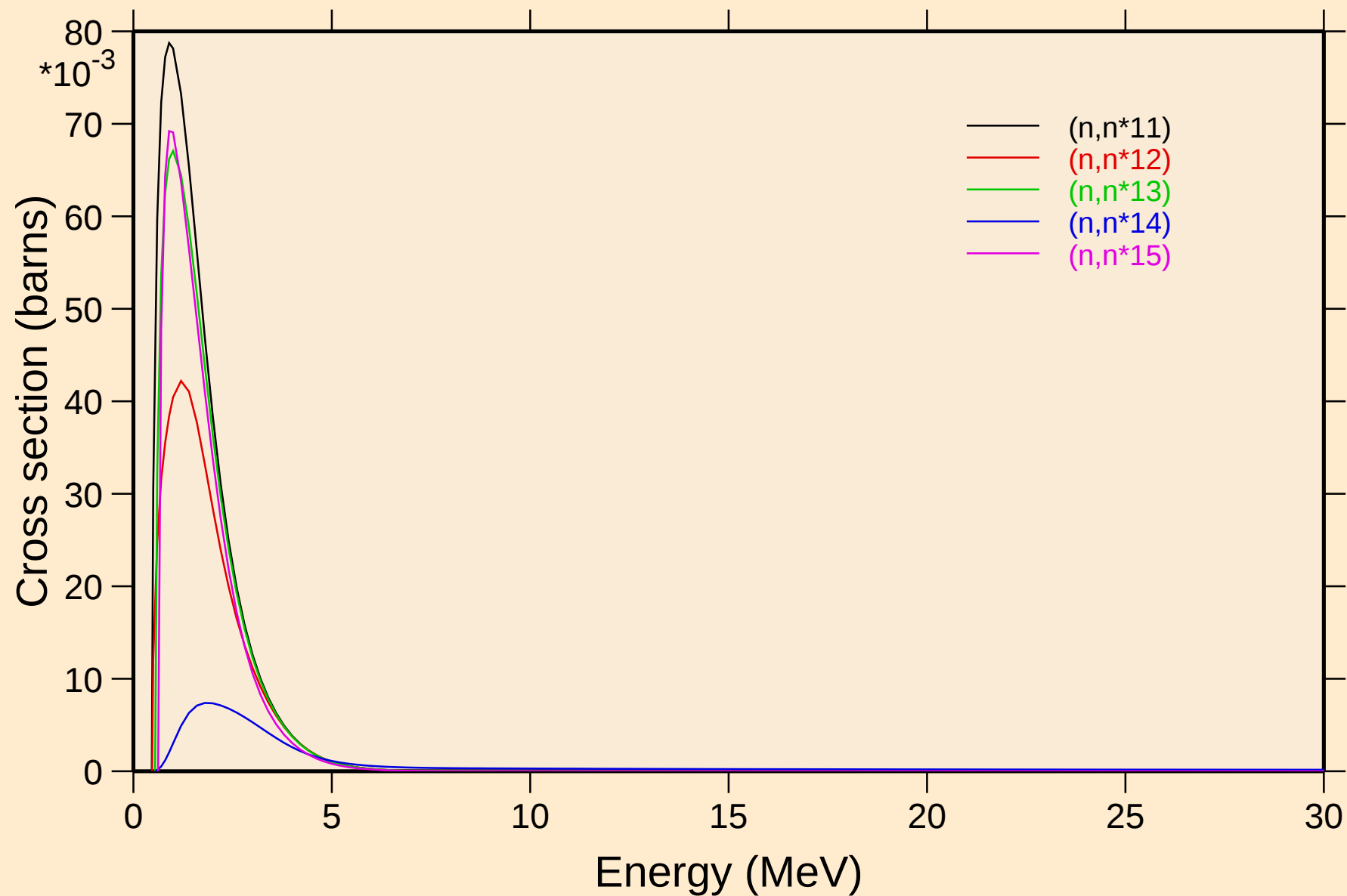
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels



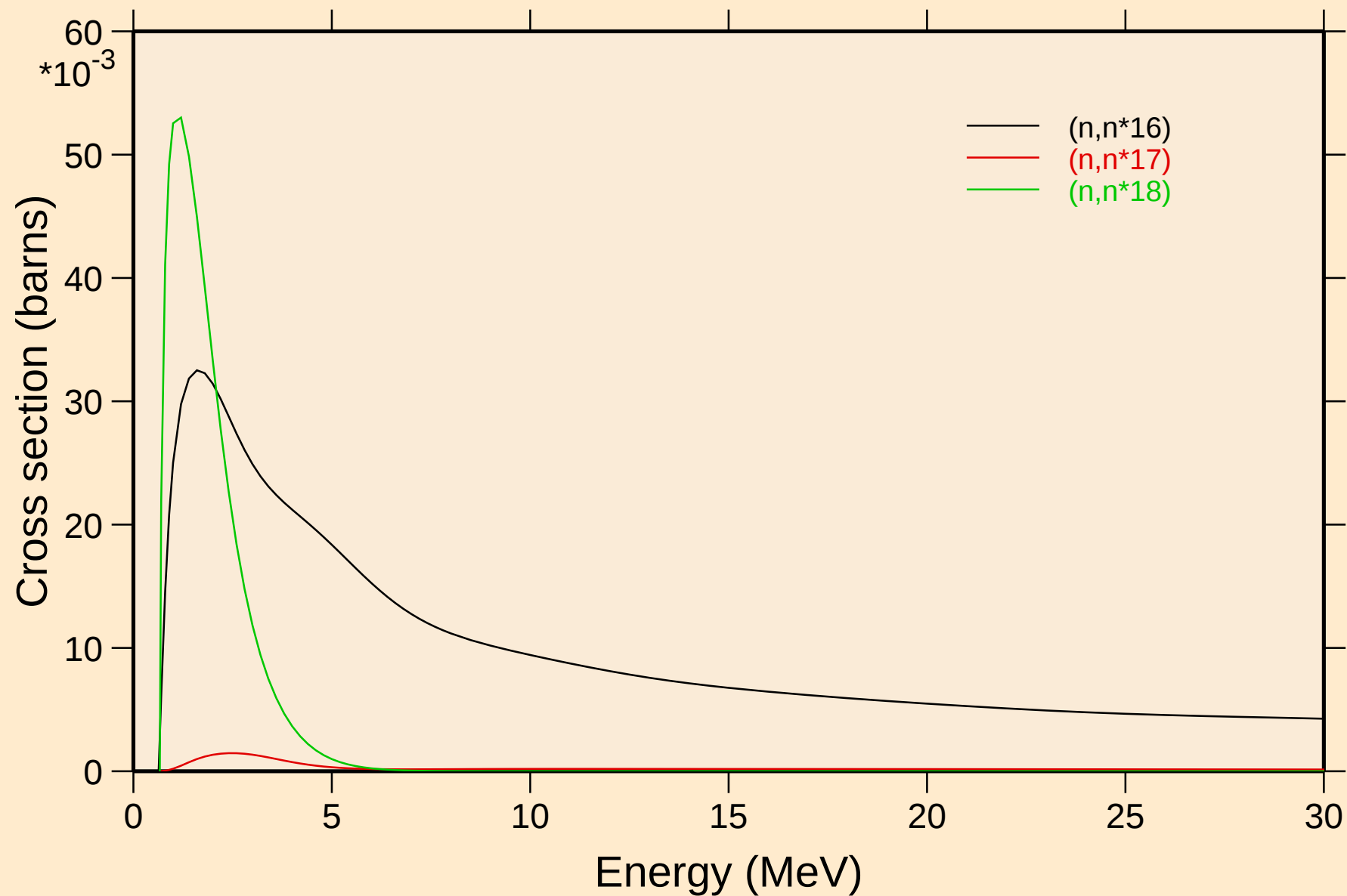
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## Inelastic levels



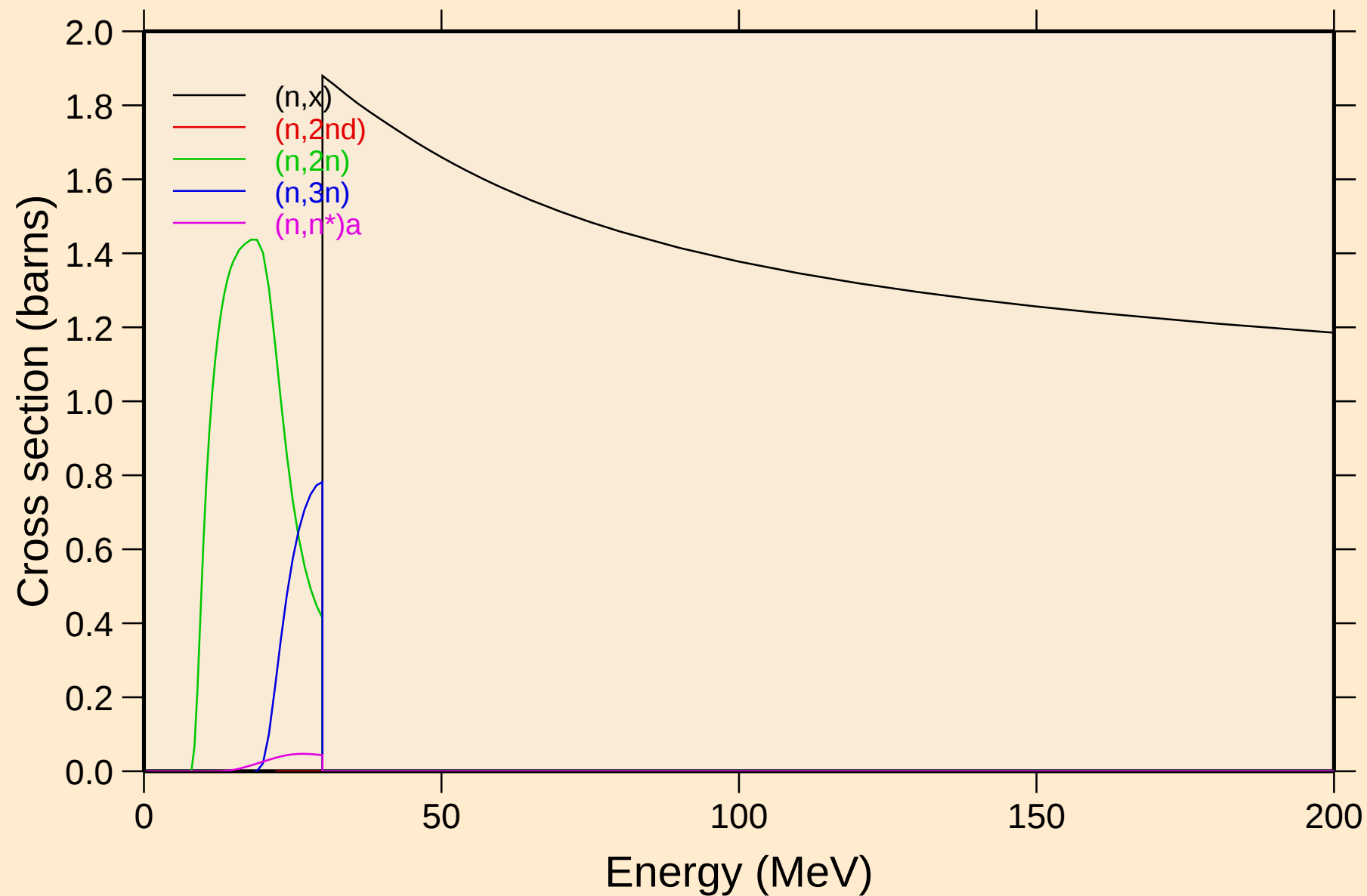
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## Inelastic levels



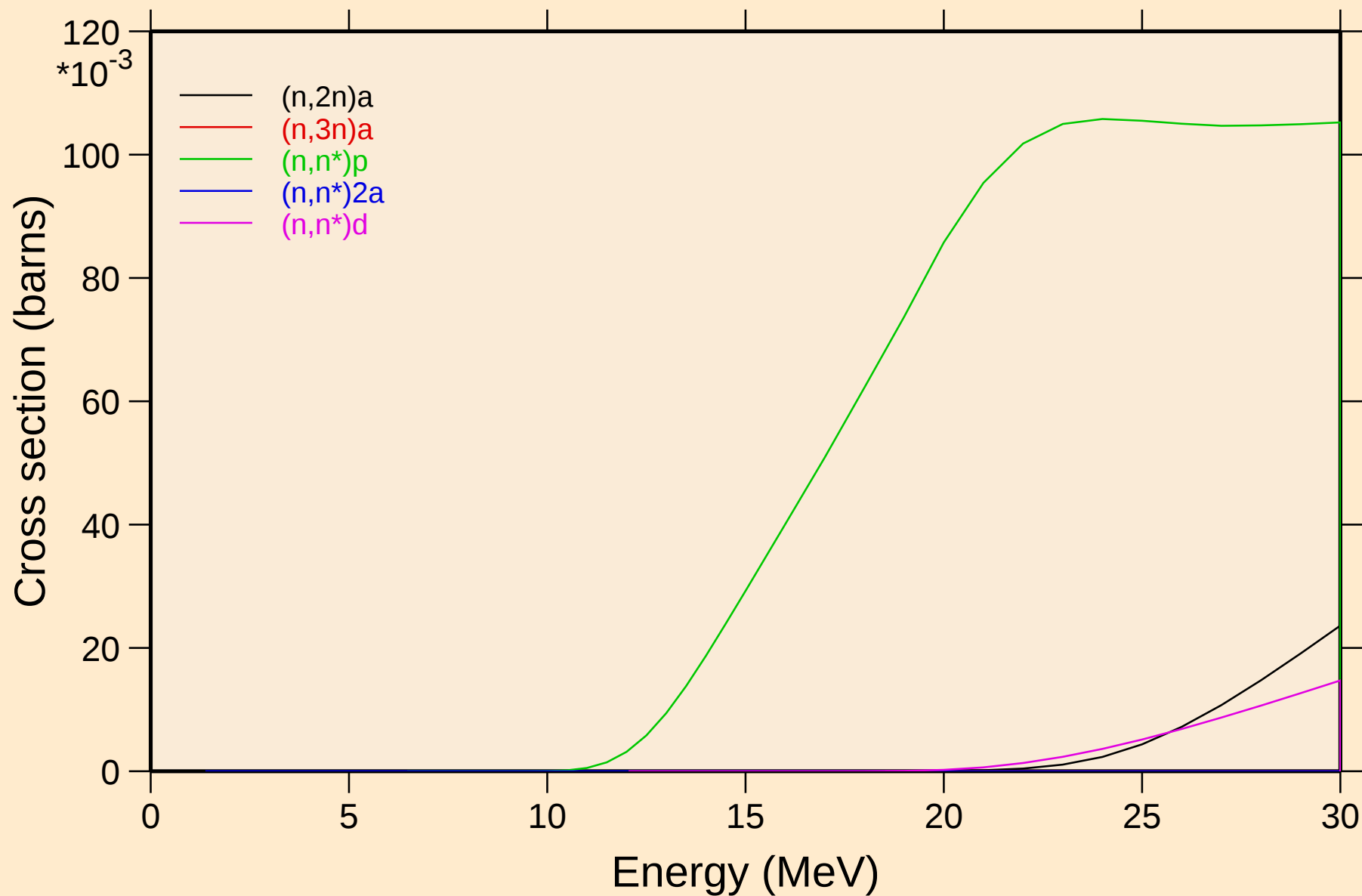
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



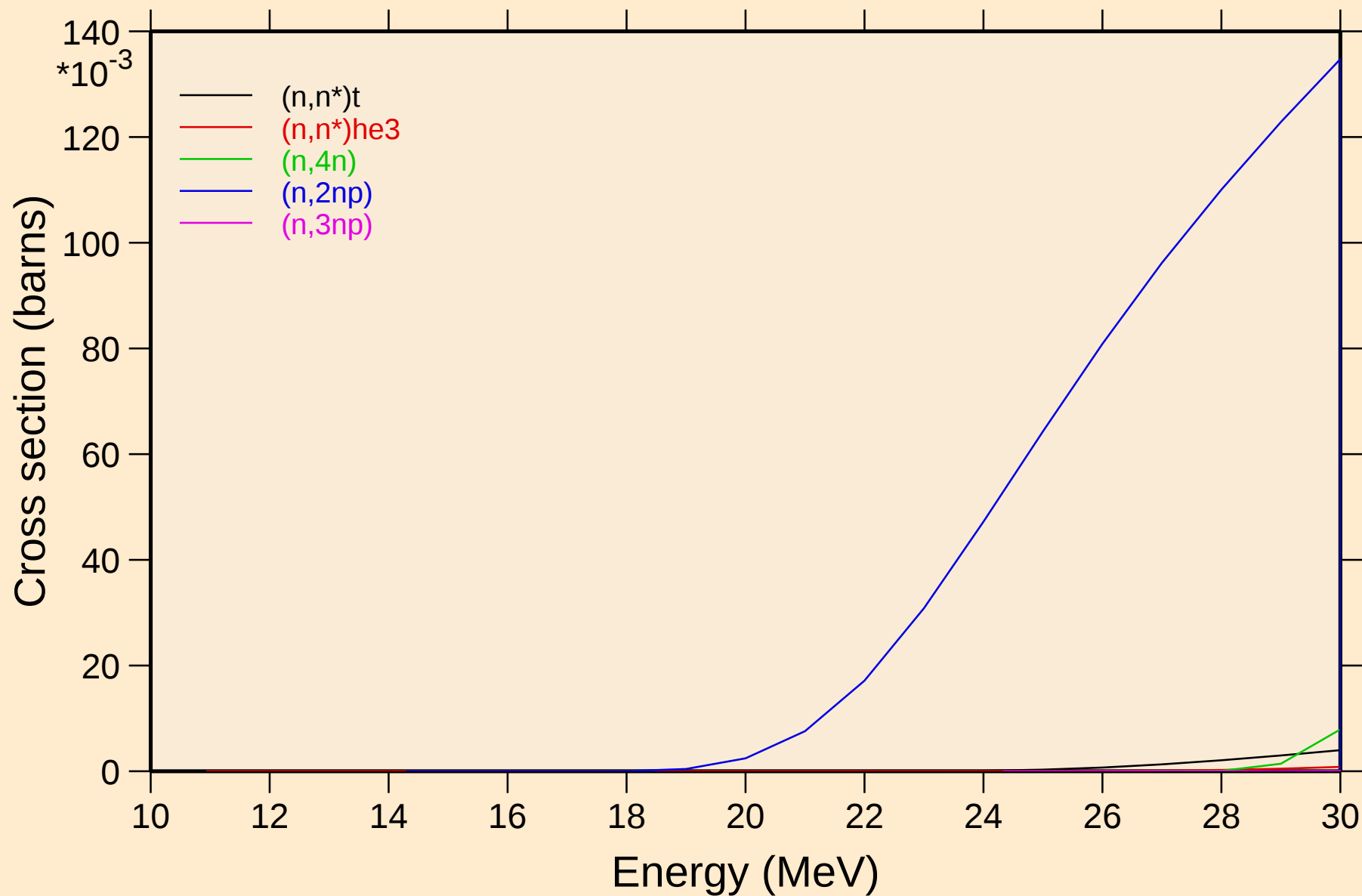
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



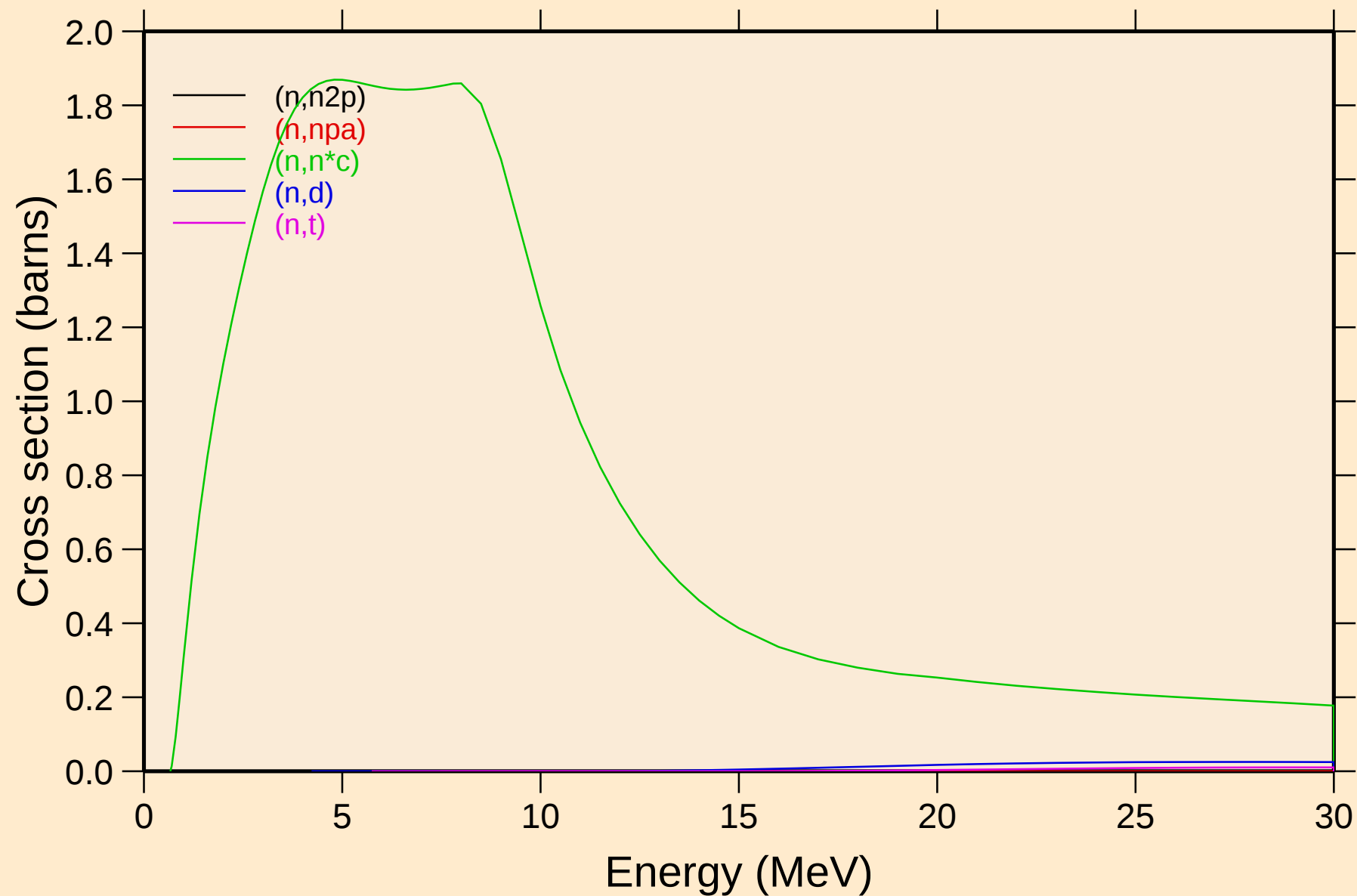
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



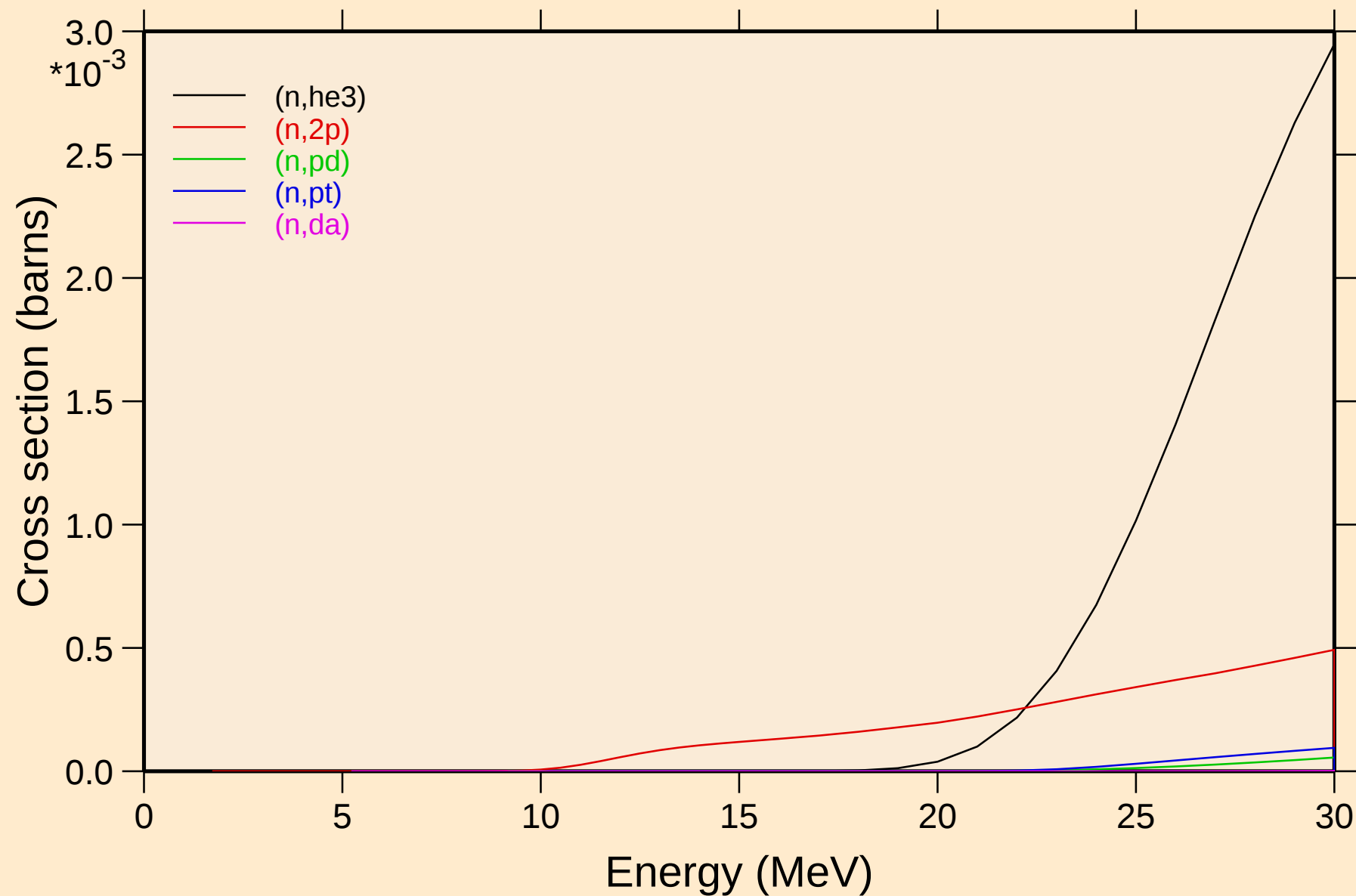
# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



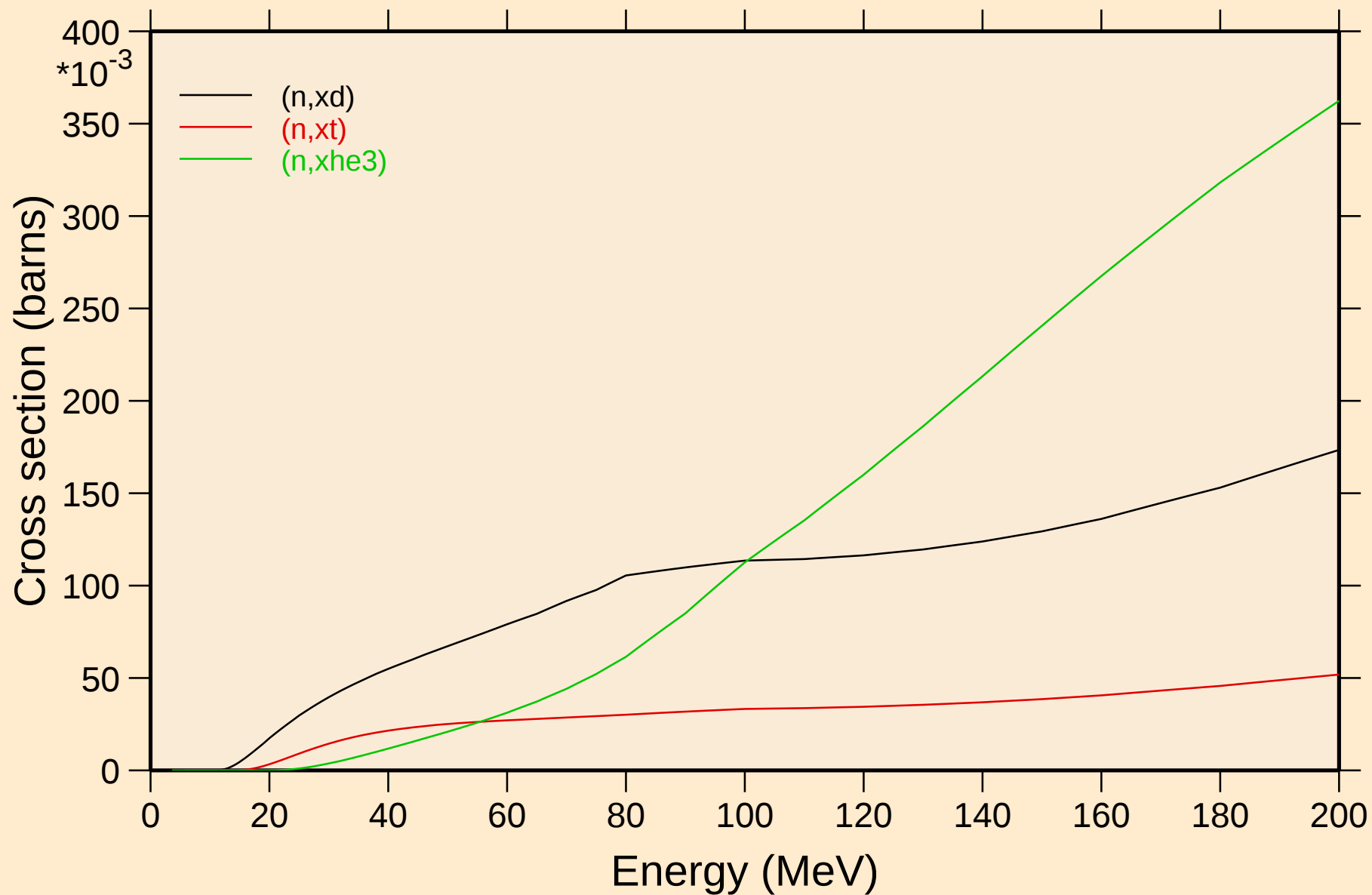
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## Threshold reactions

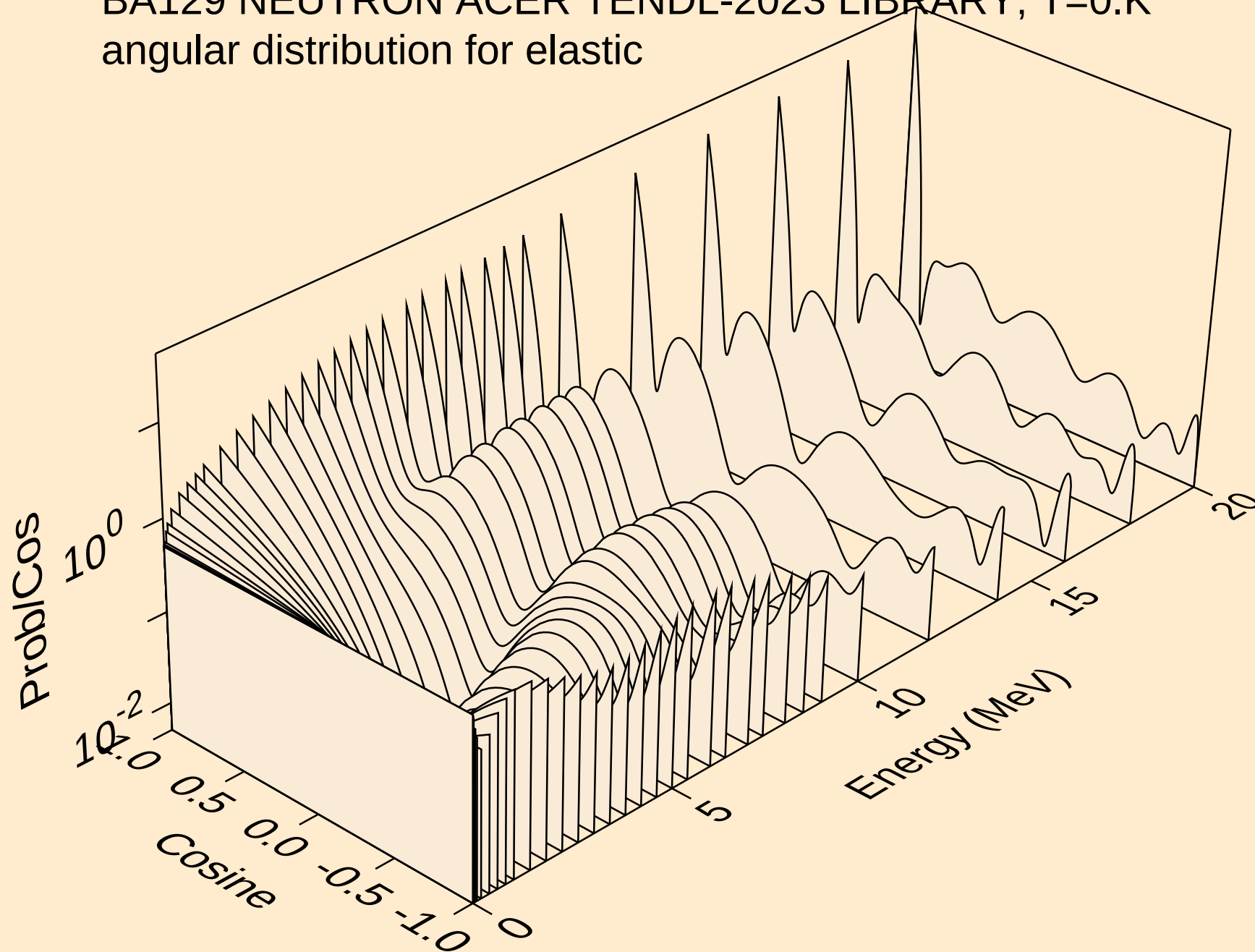


# BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

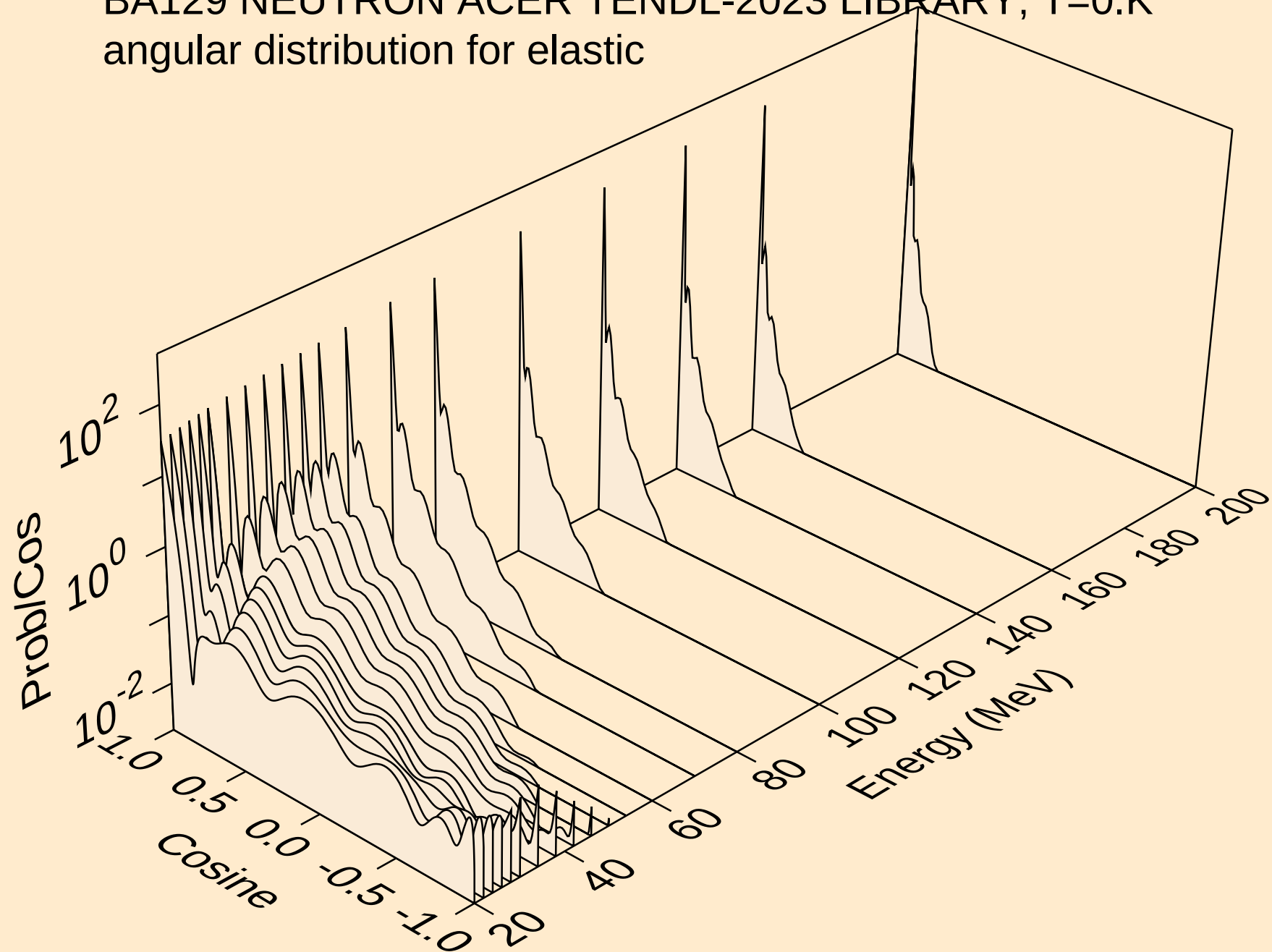
## Threshold reactions



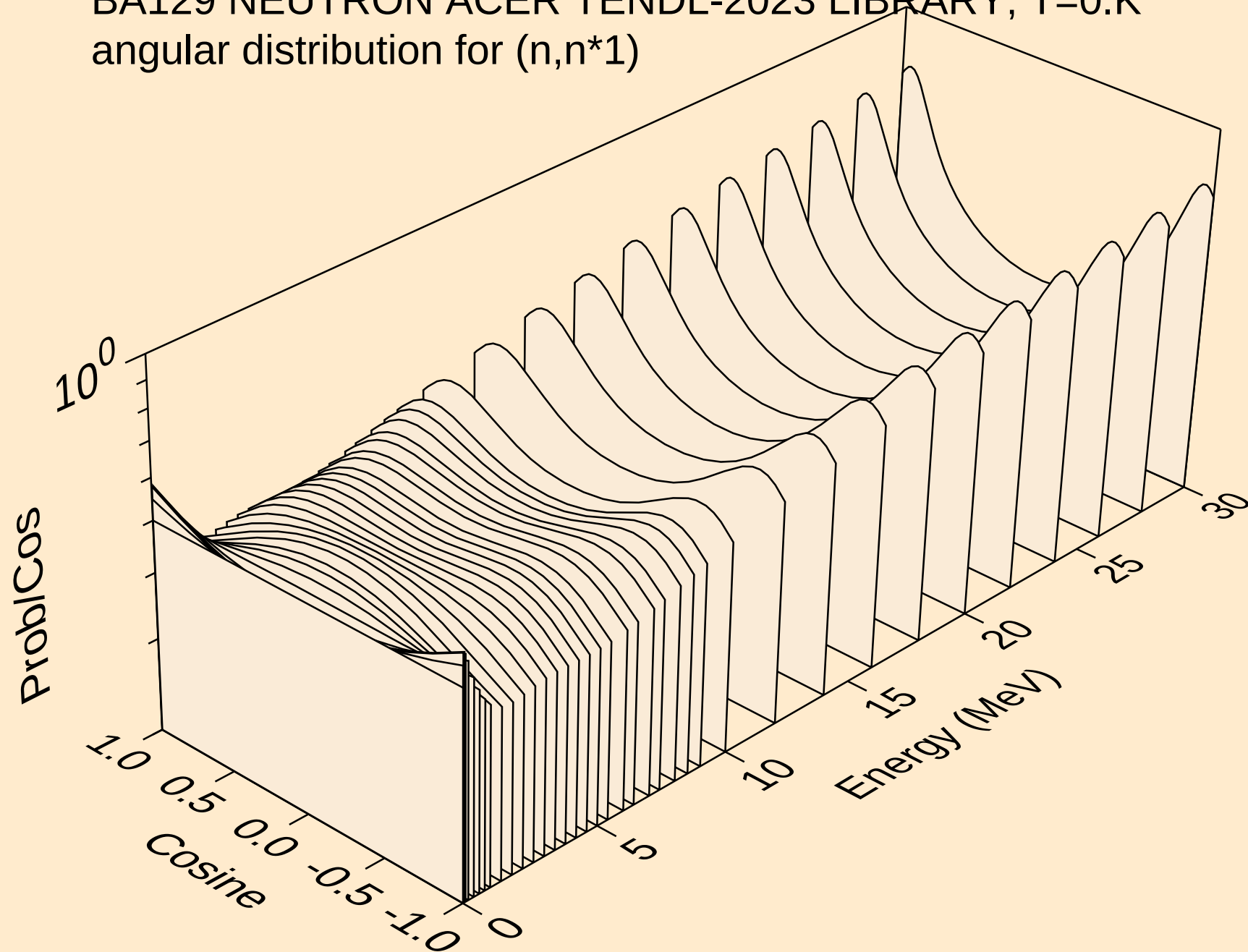
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



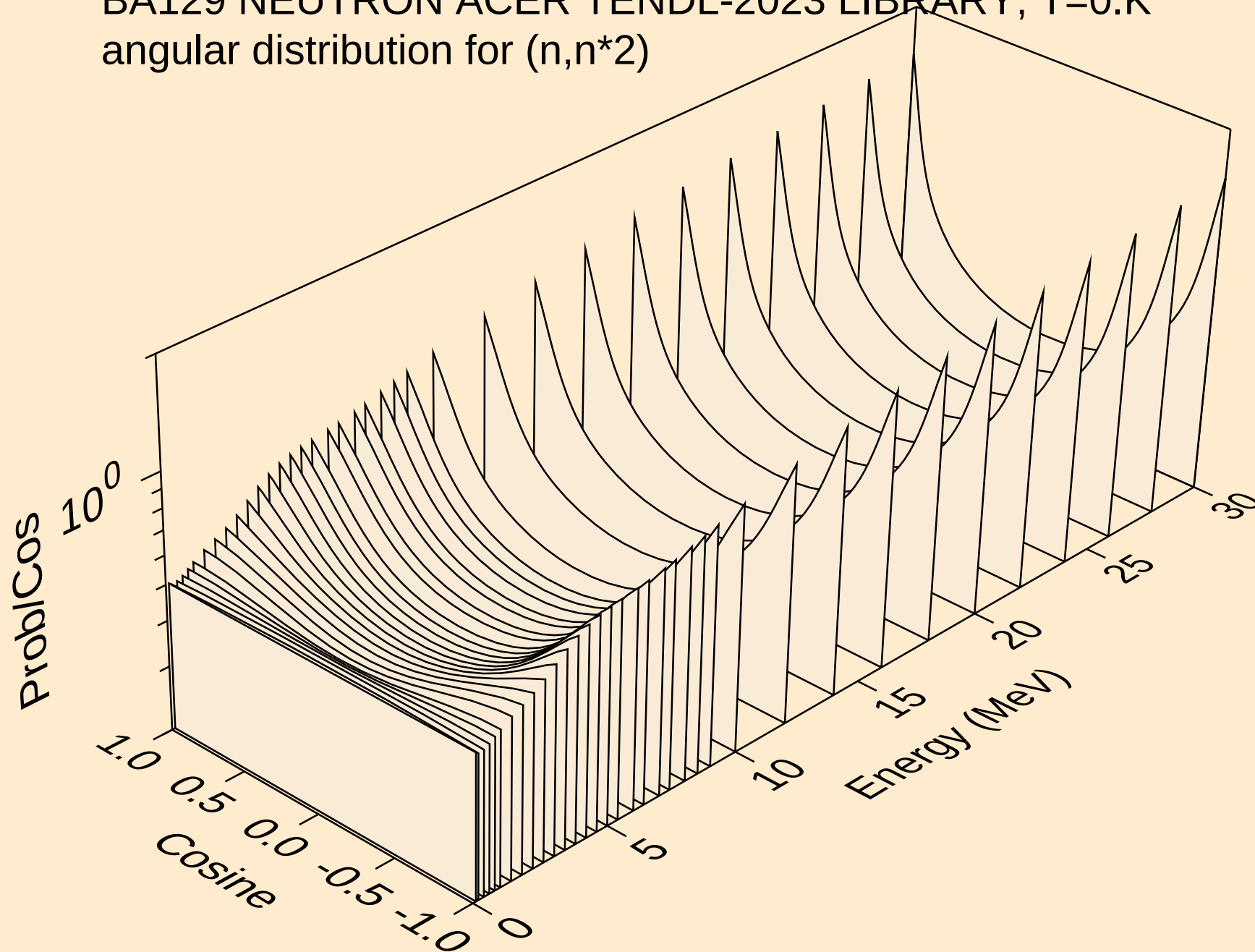
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



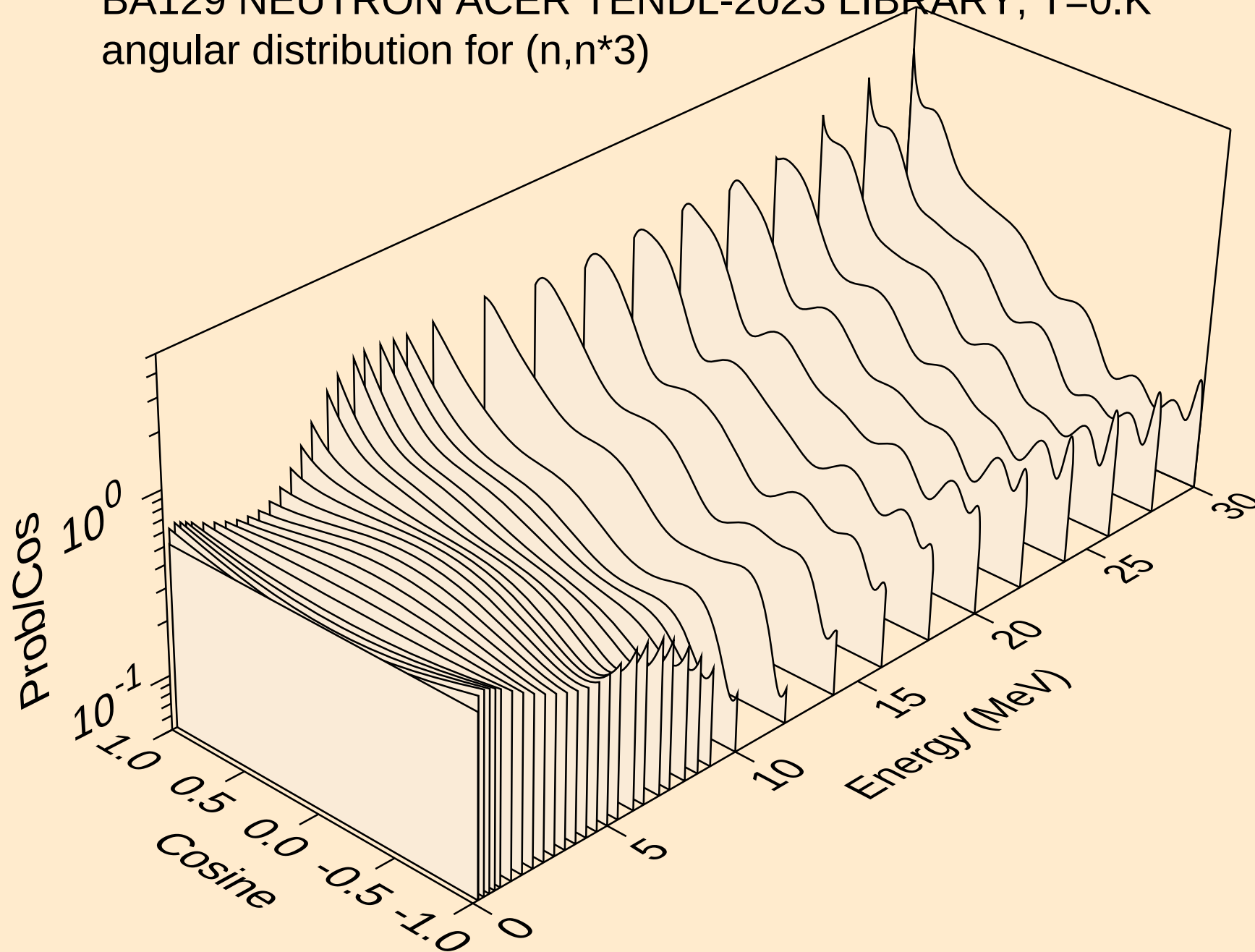
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



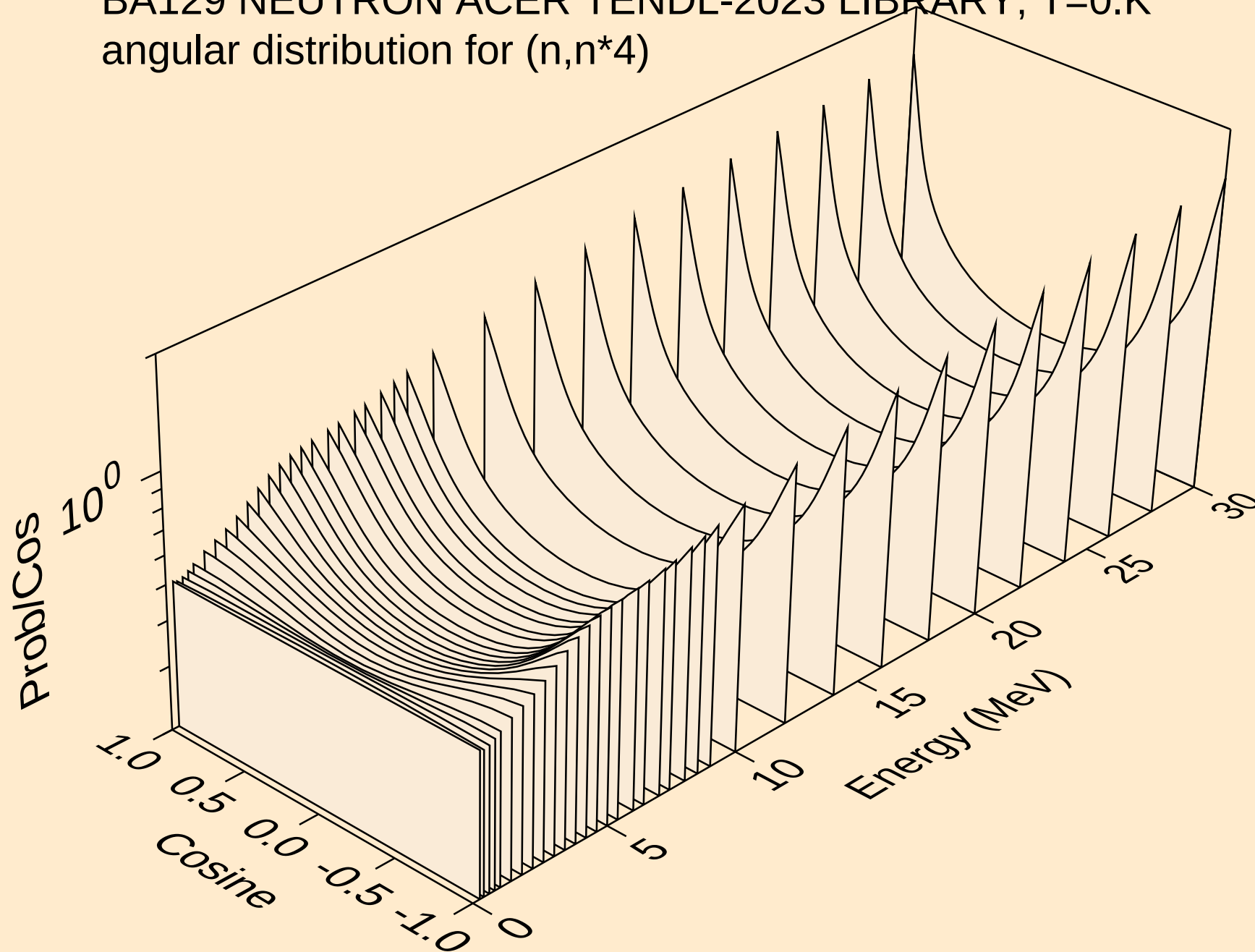
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



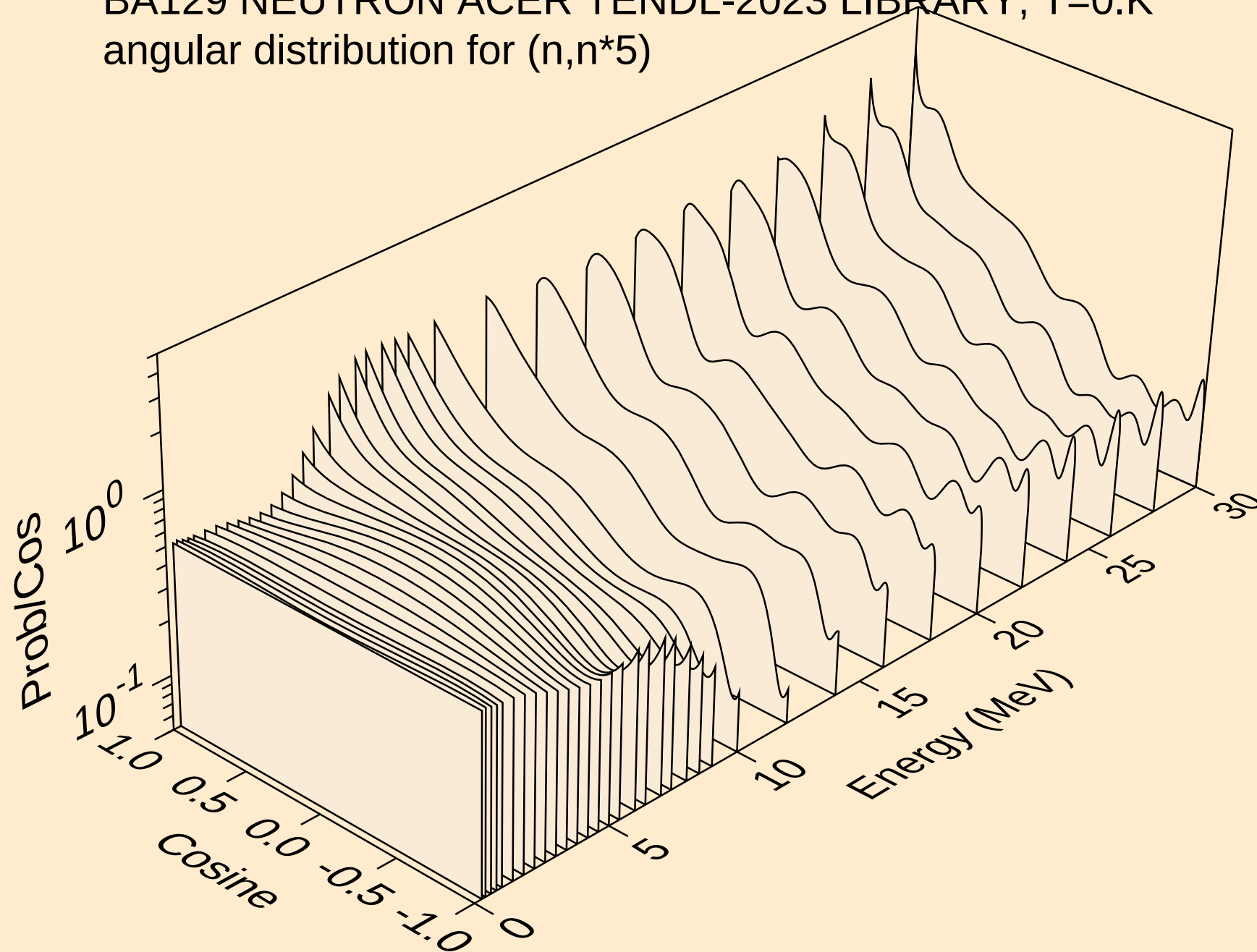
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angular distribution for (n,n\*3)



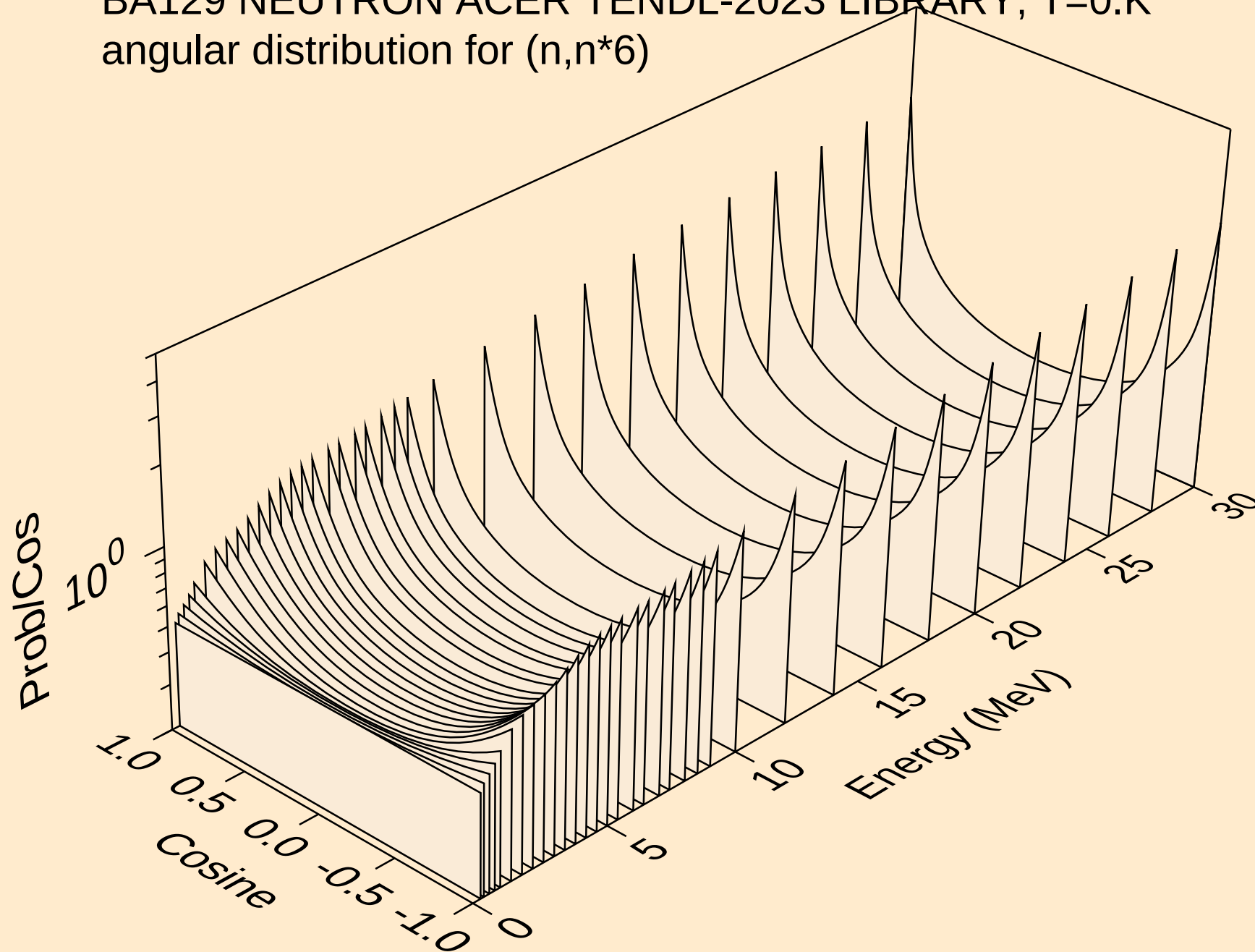
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angular distribution for (n,n\*4)



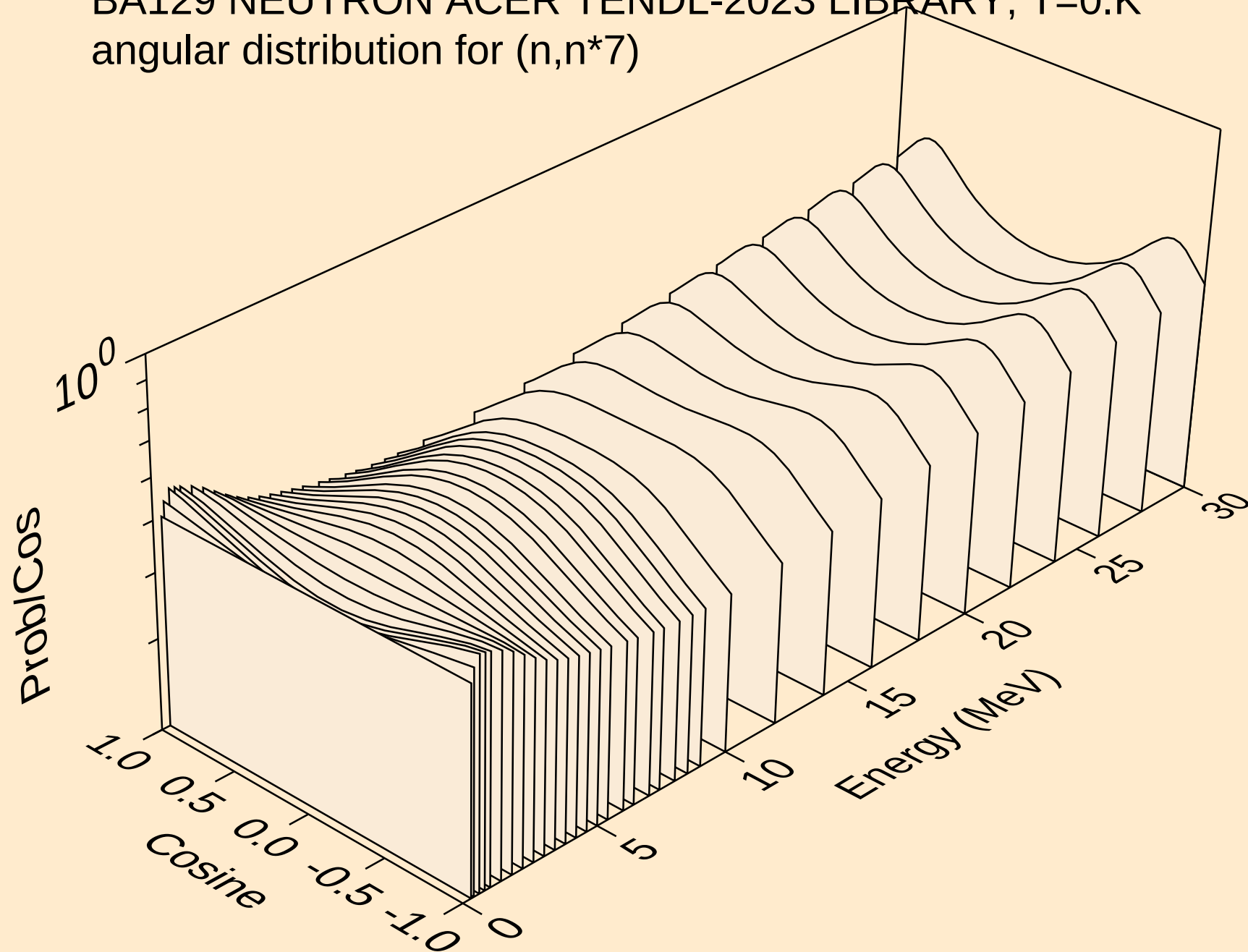
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angular distribution for (n,n\*5)



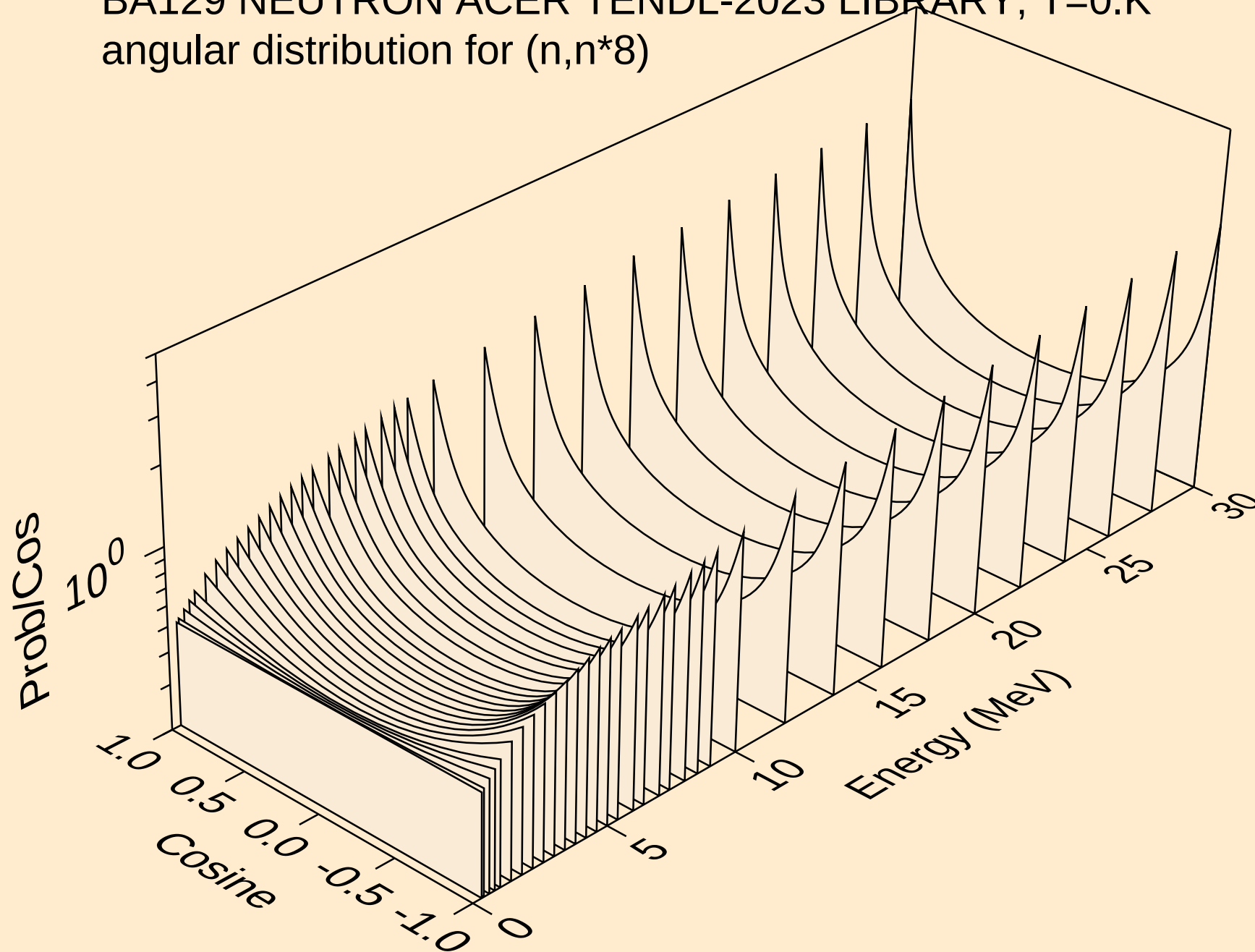
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angular distribution for (n,n\*6)



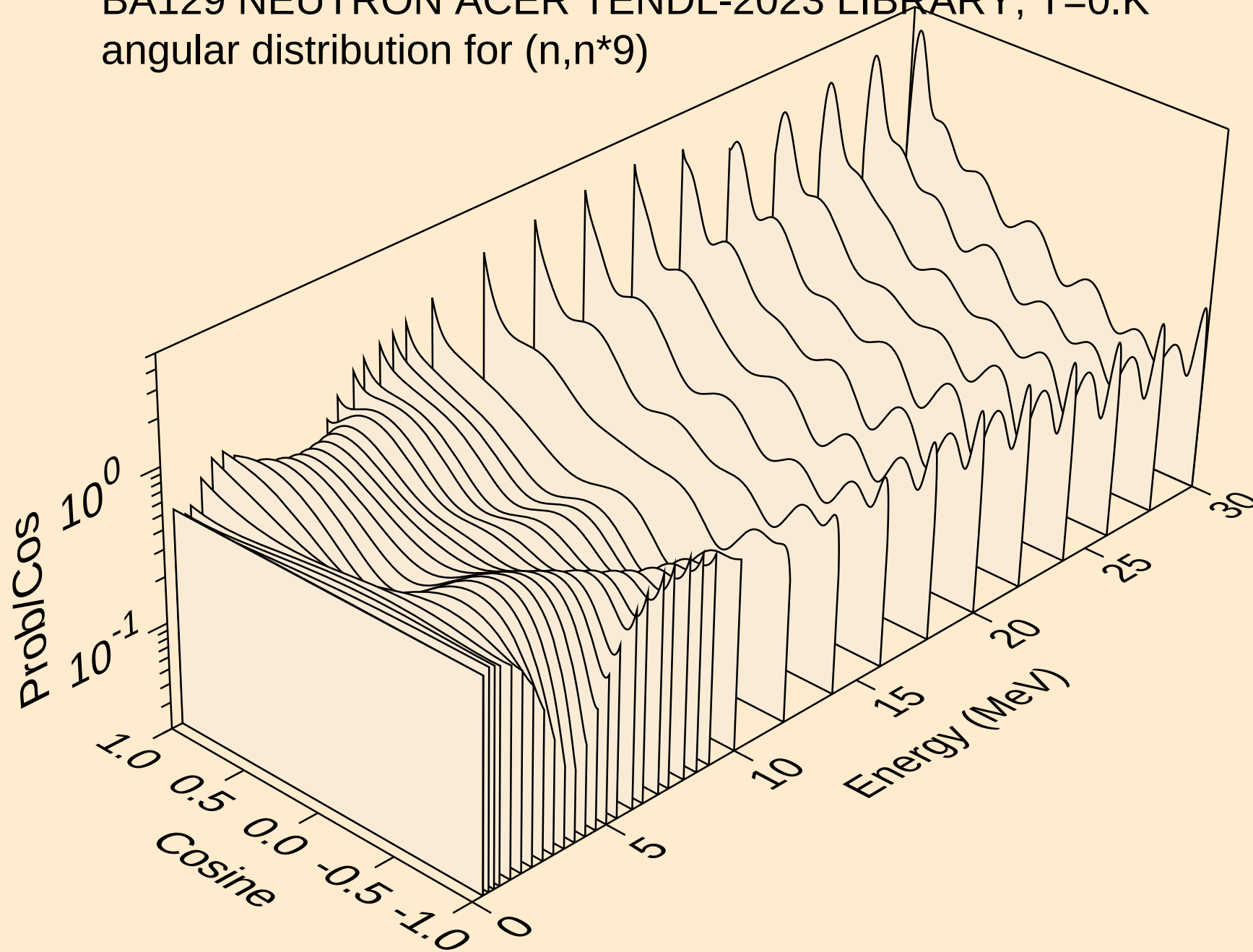
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angular distribution for (n,n\*7)



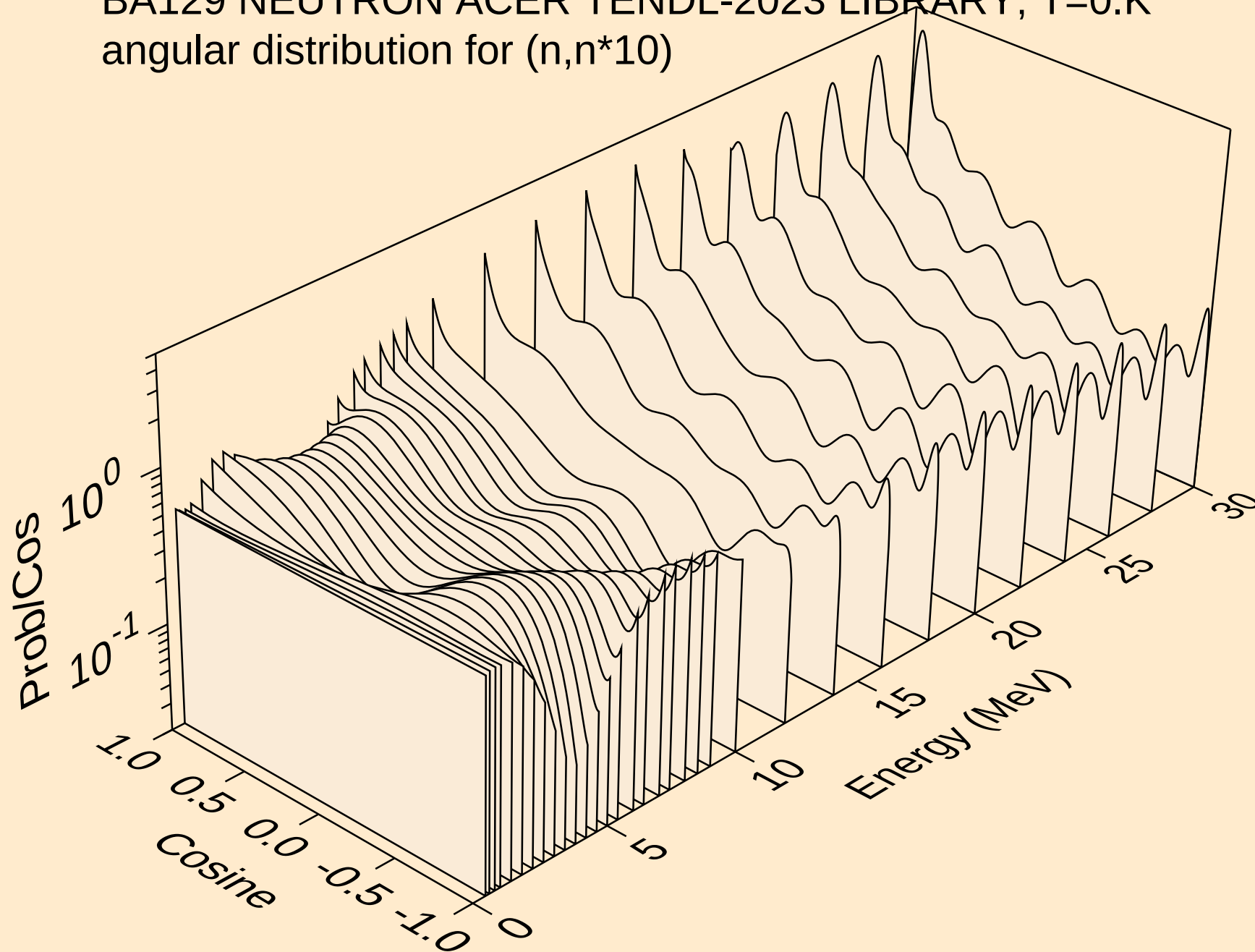
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angular distribution for (n,n\*8)



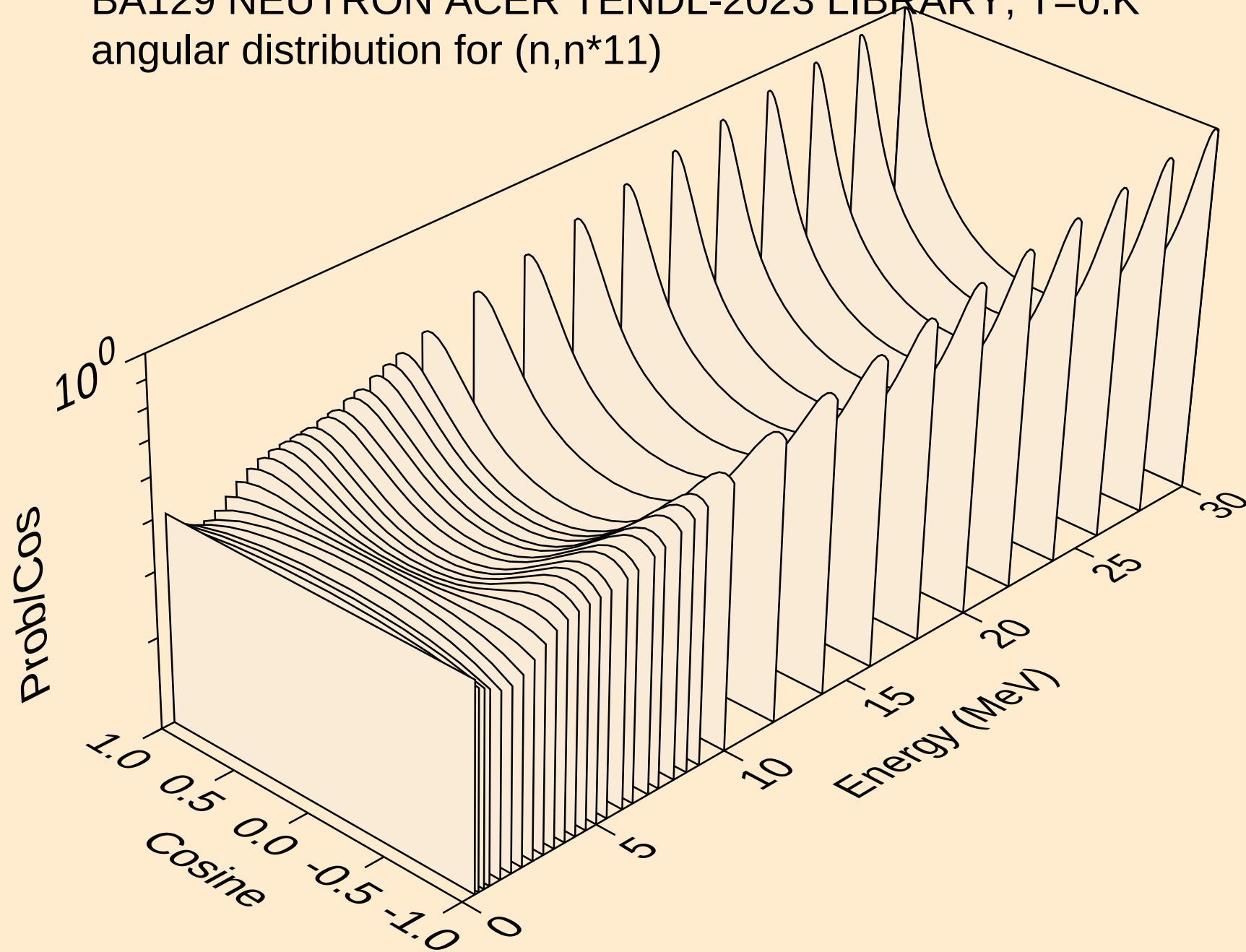
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angular distribution for (n,n\*9)



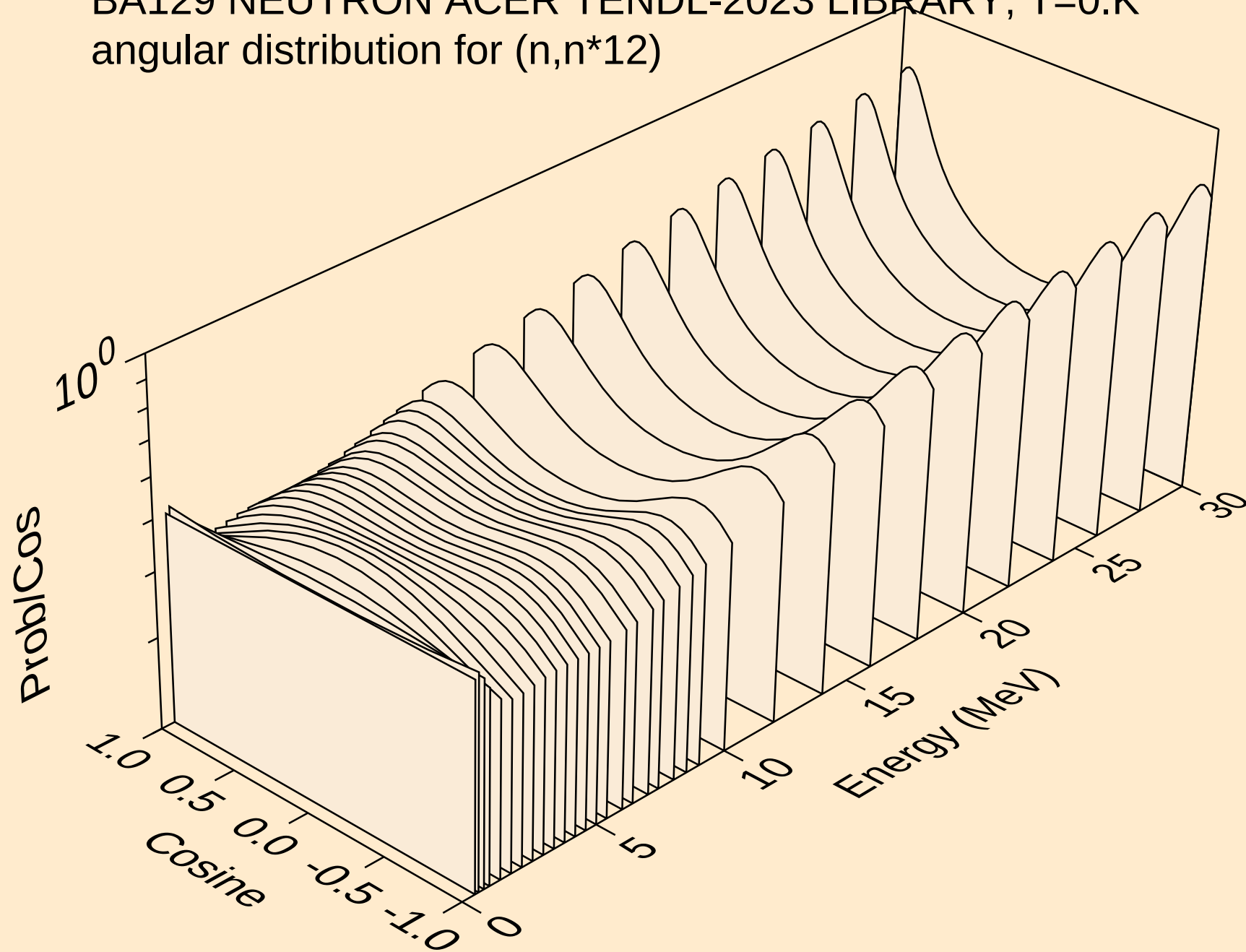
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angular distribution for (n,n\*10)



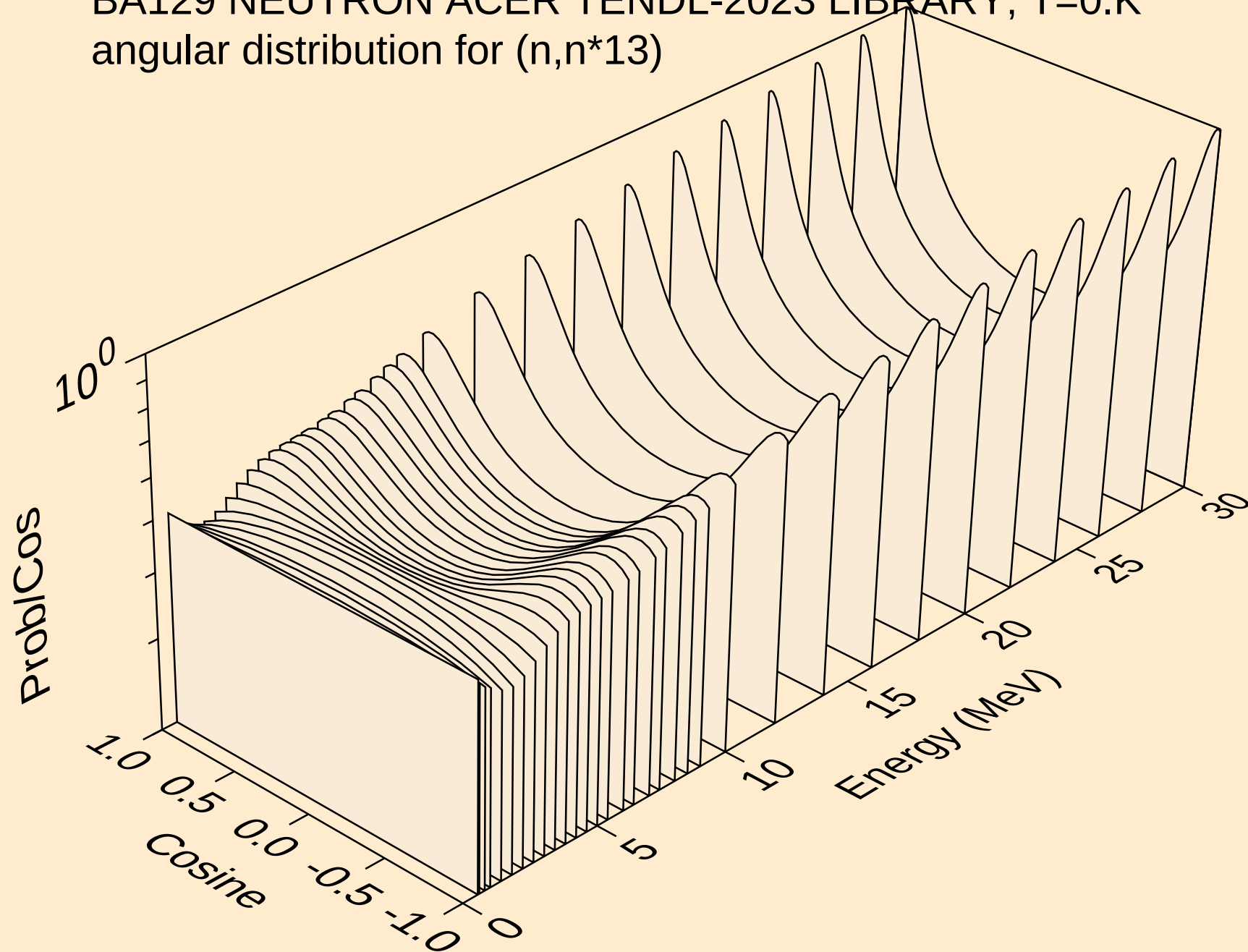
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angular distribution for (n,n\*11)



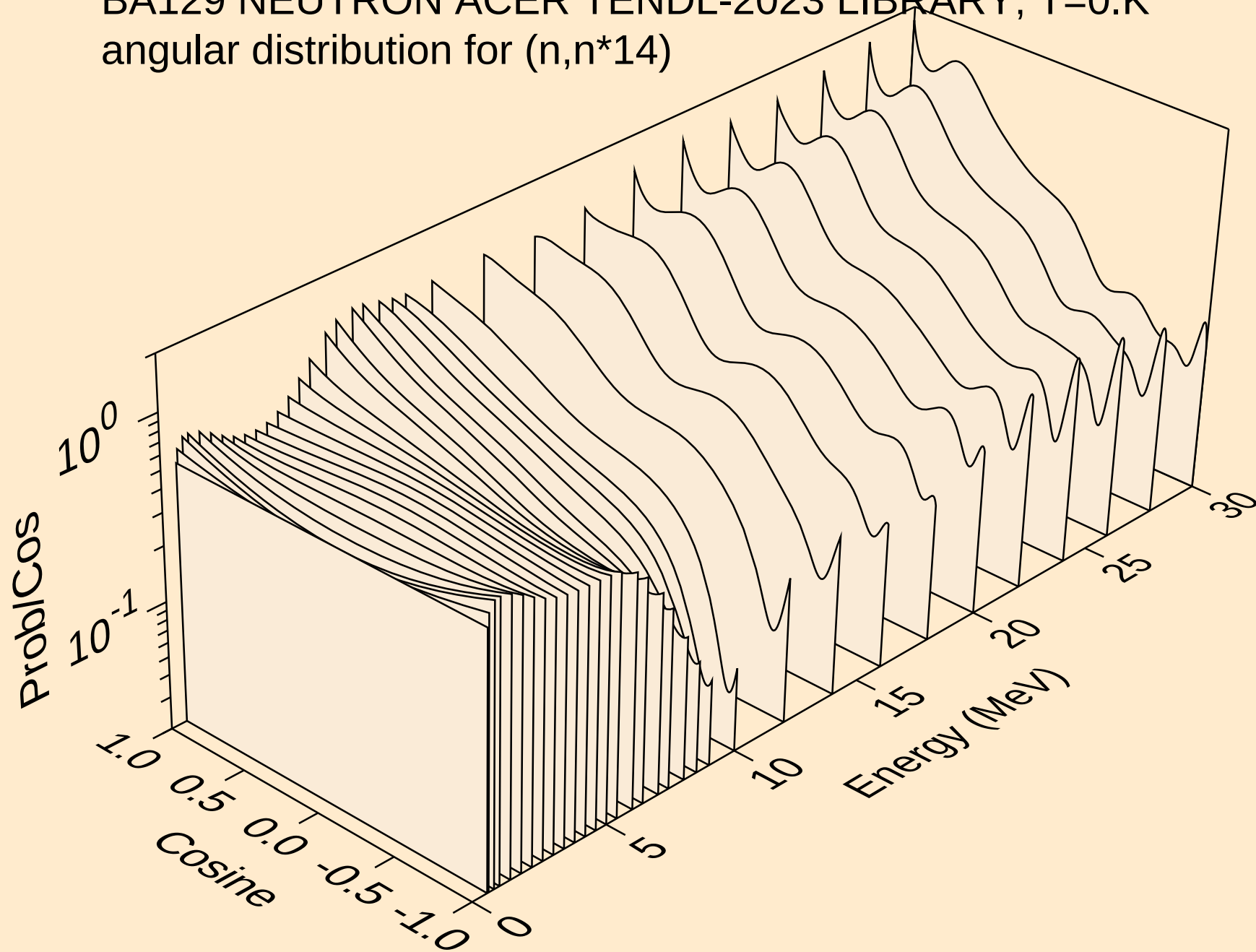
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angular distribution for (n,n\*12)



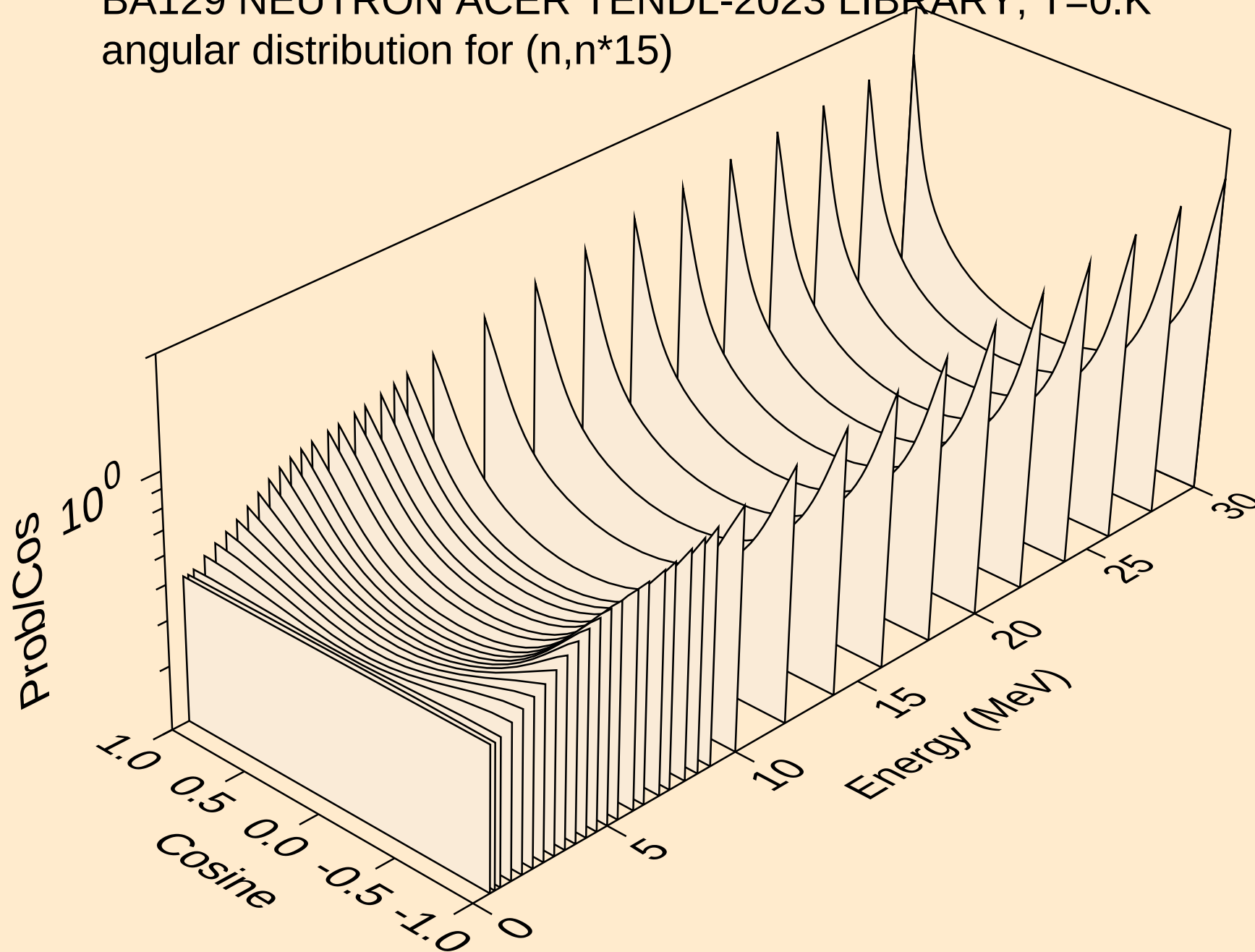
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angular distribution for (n,n\*13)



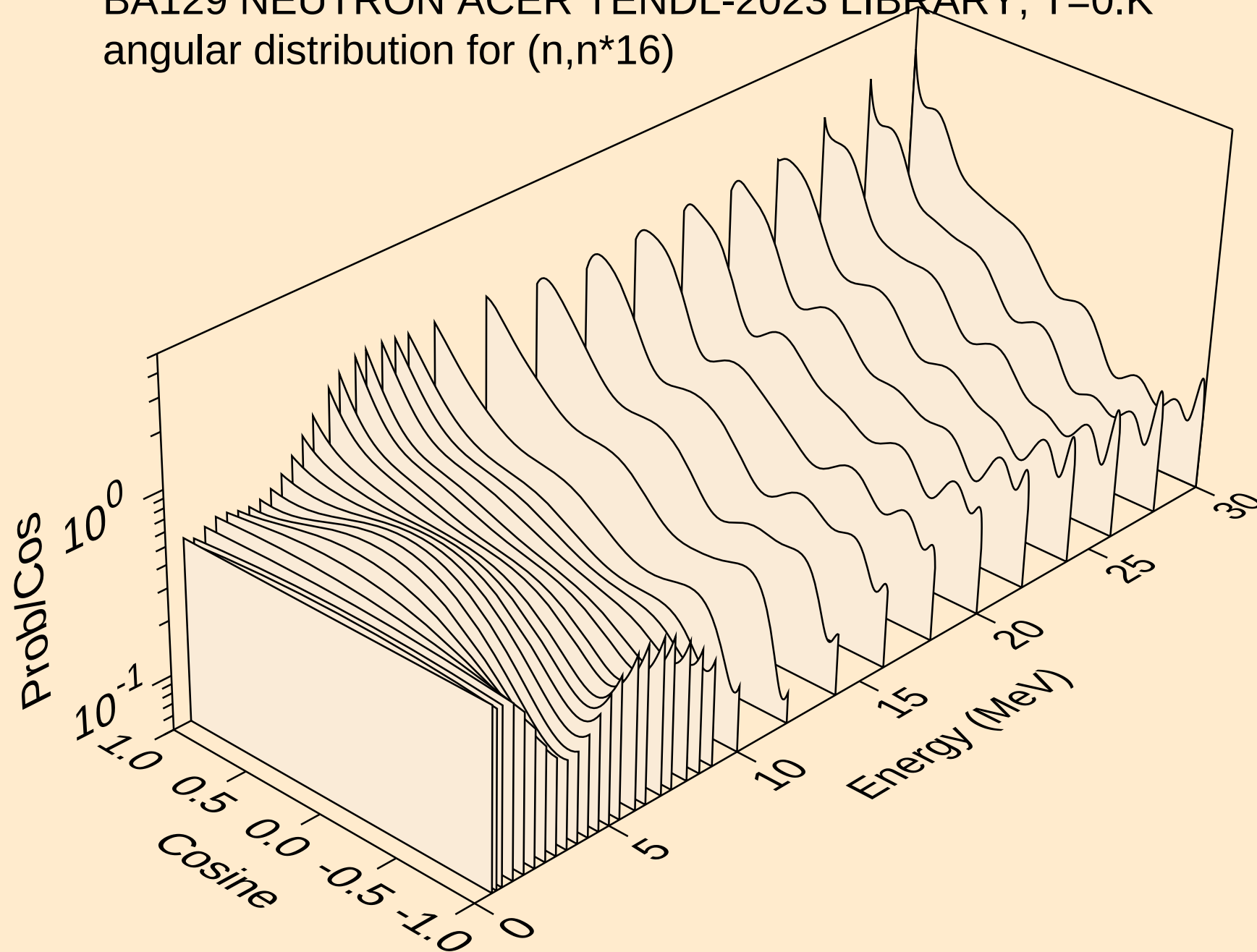
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angular distribution for (n,n\*14)



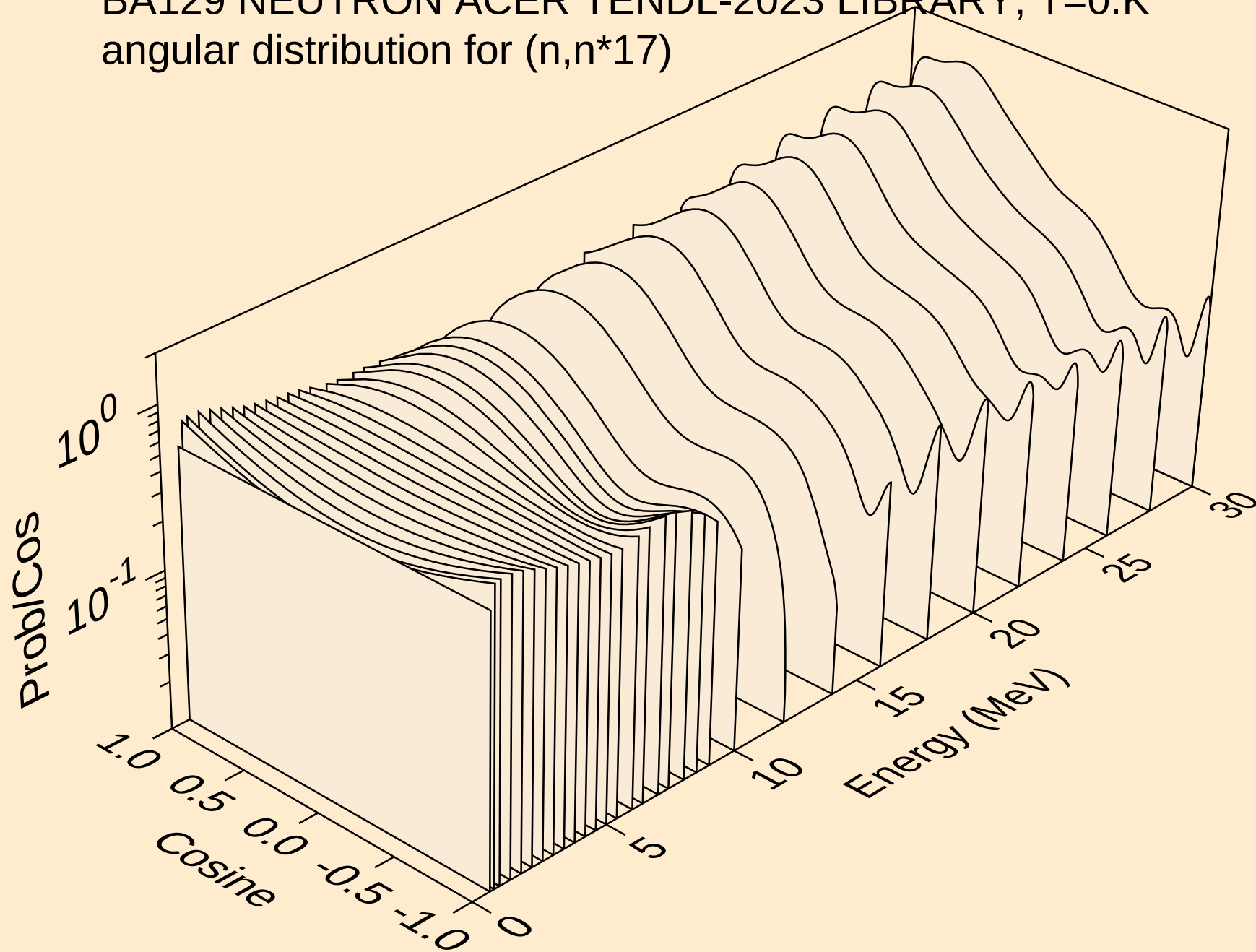
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angular distribution for (n,n\*15)



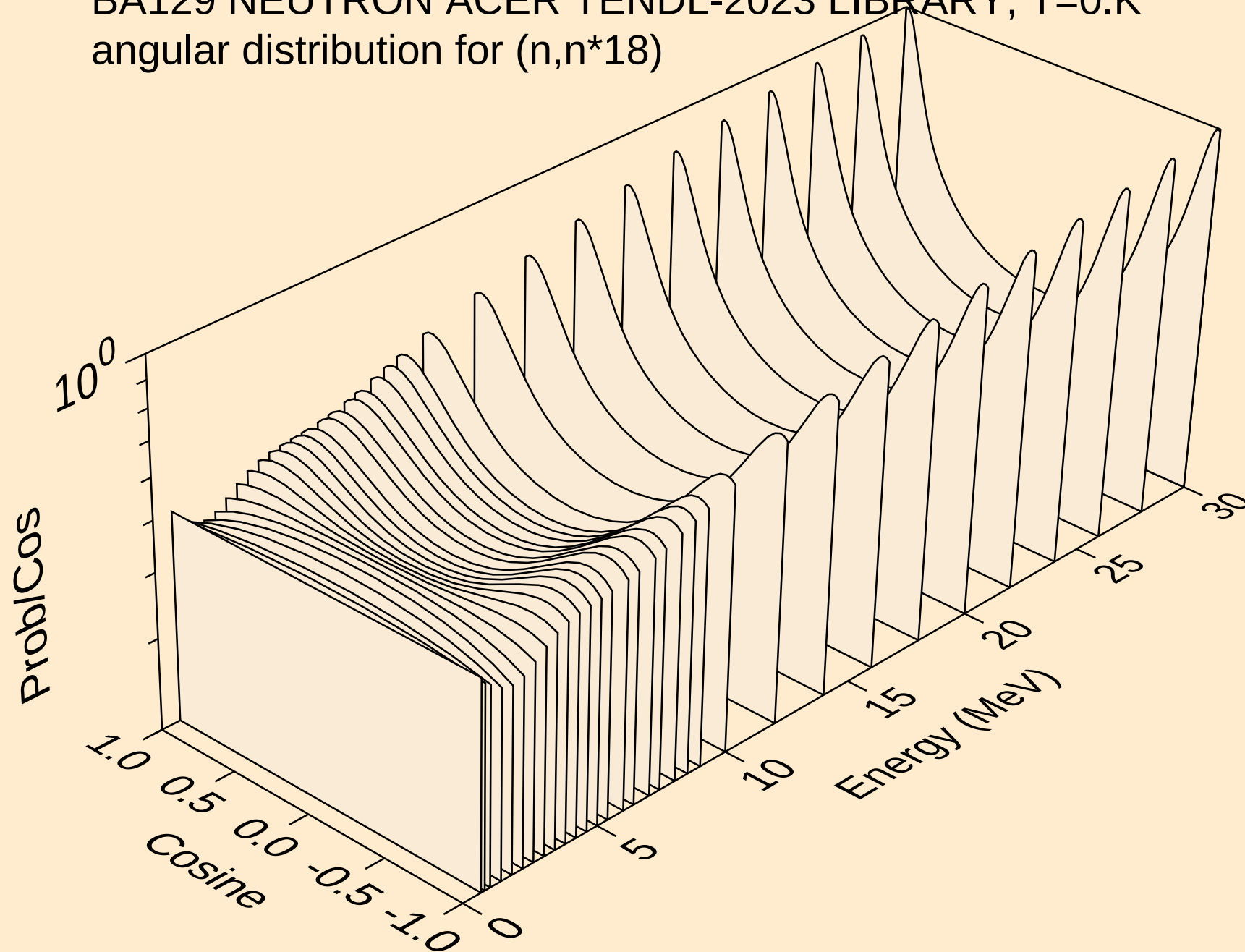
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angular distribution for (n,n\*16)



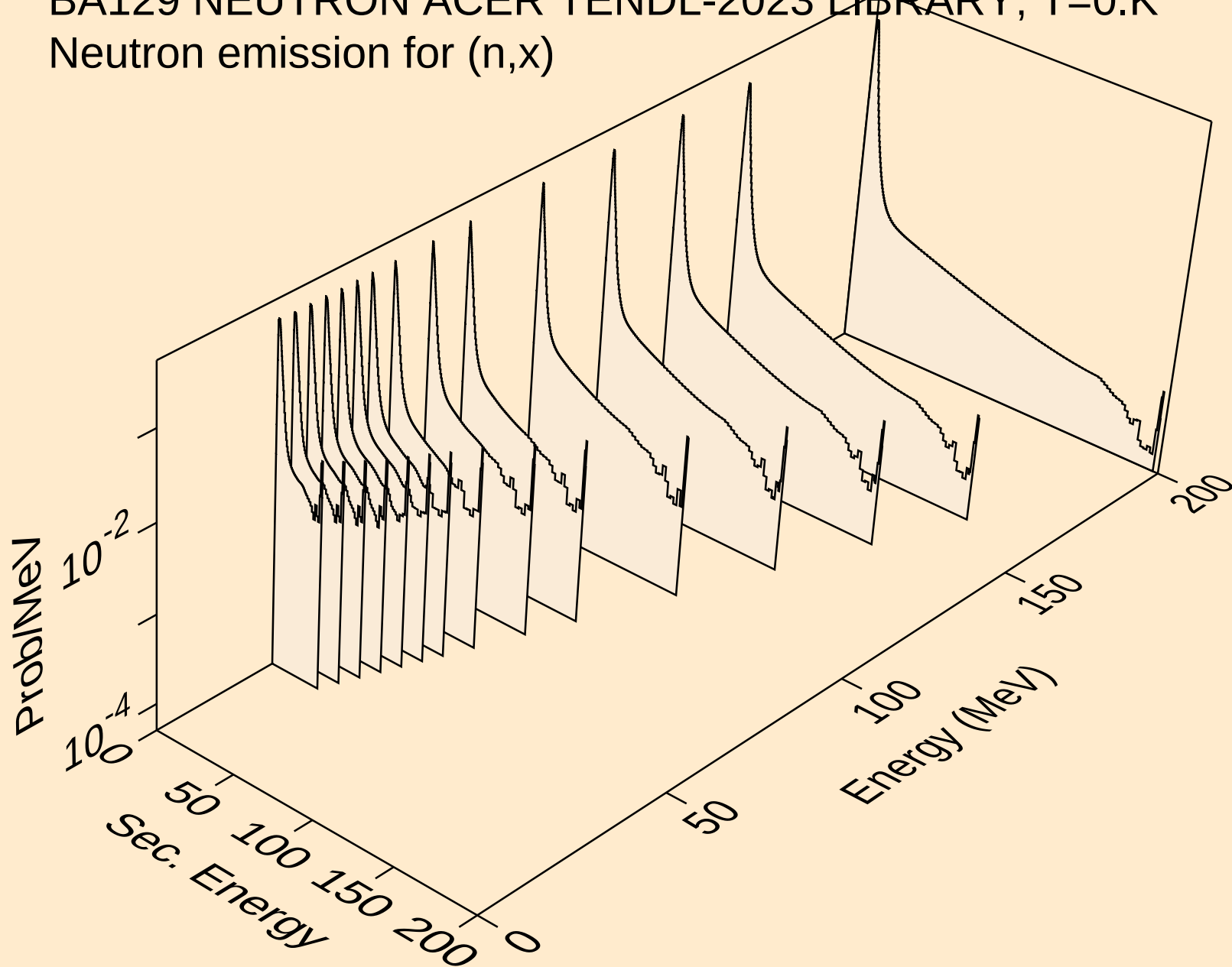
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angular distribution for (n,n\*17)



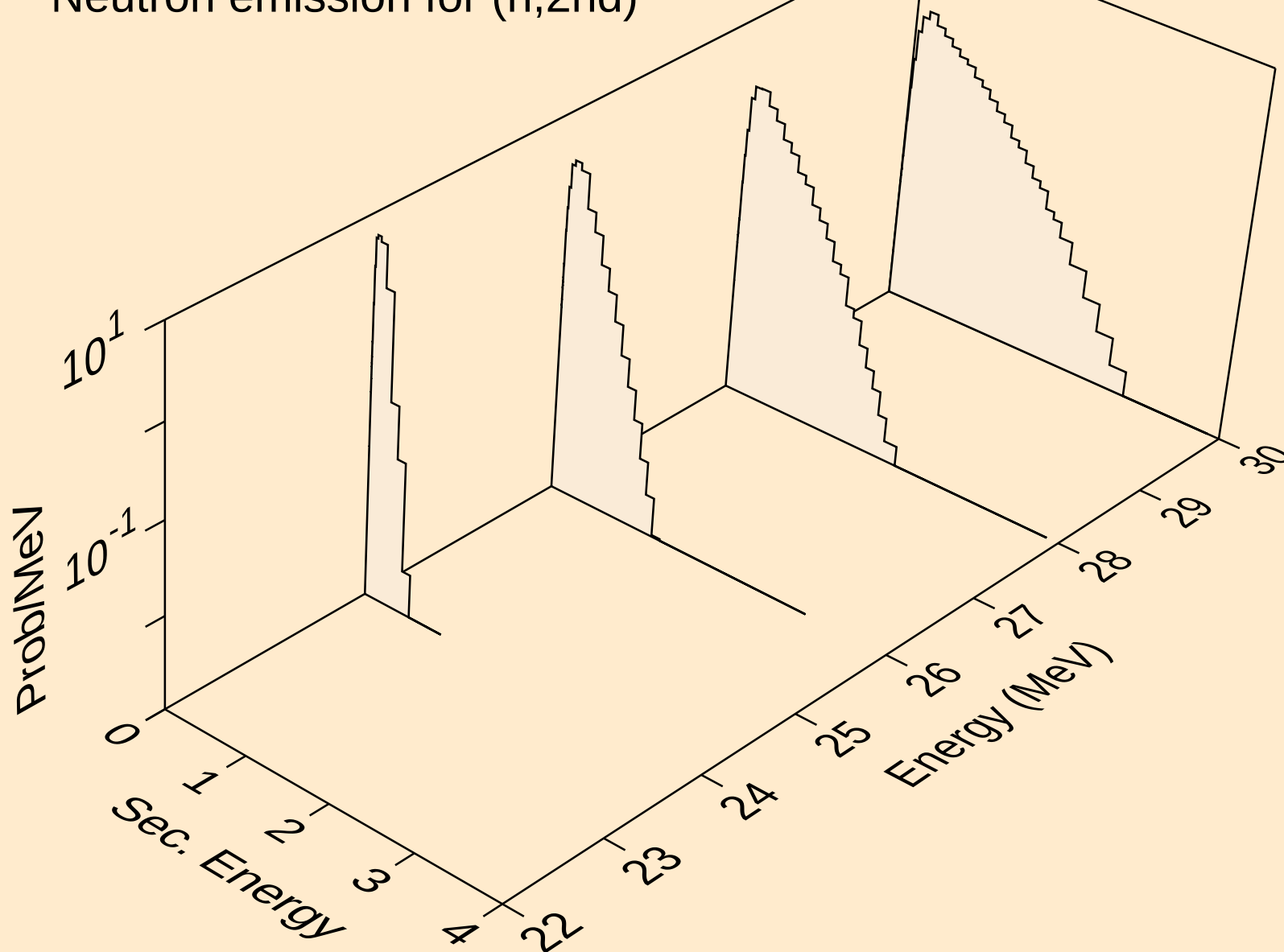
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angular distribution for (n,n\*18)



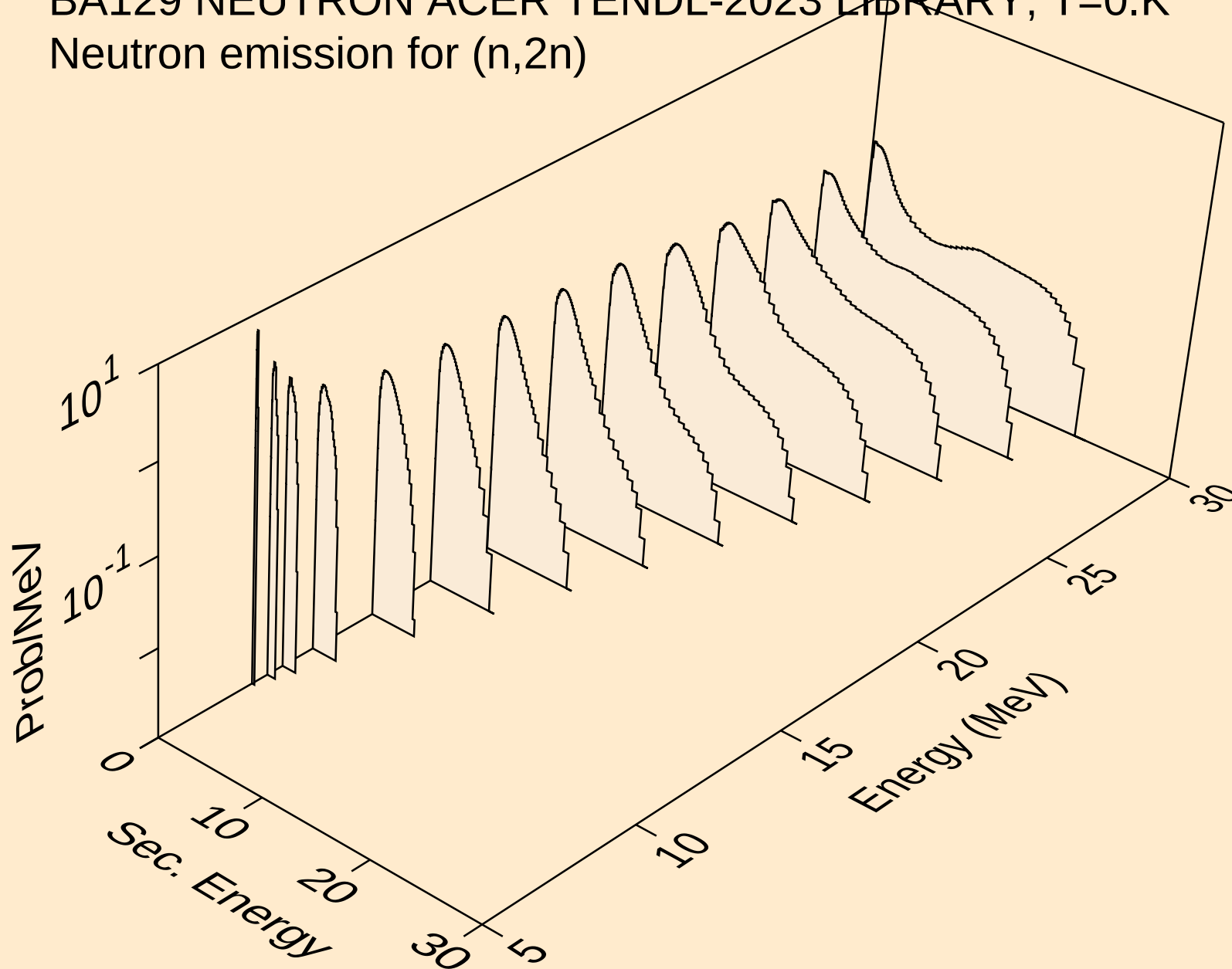
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



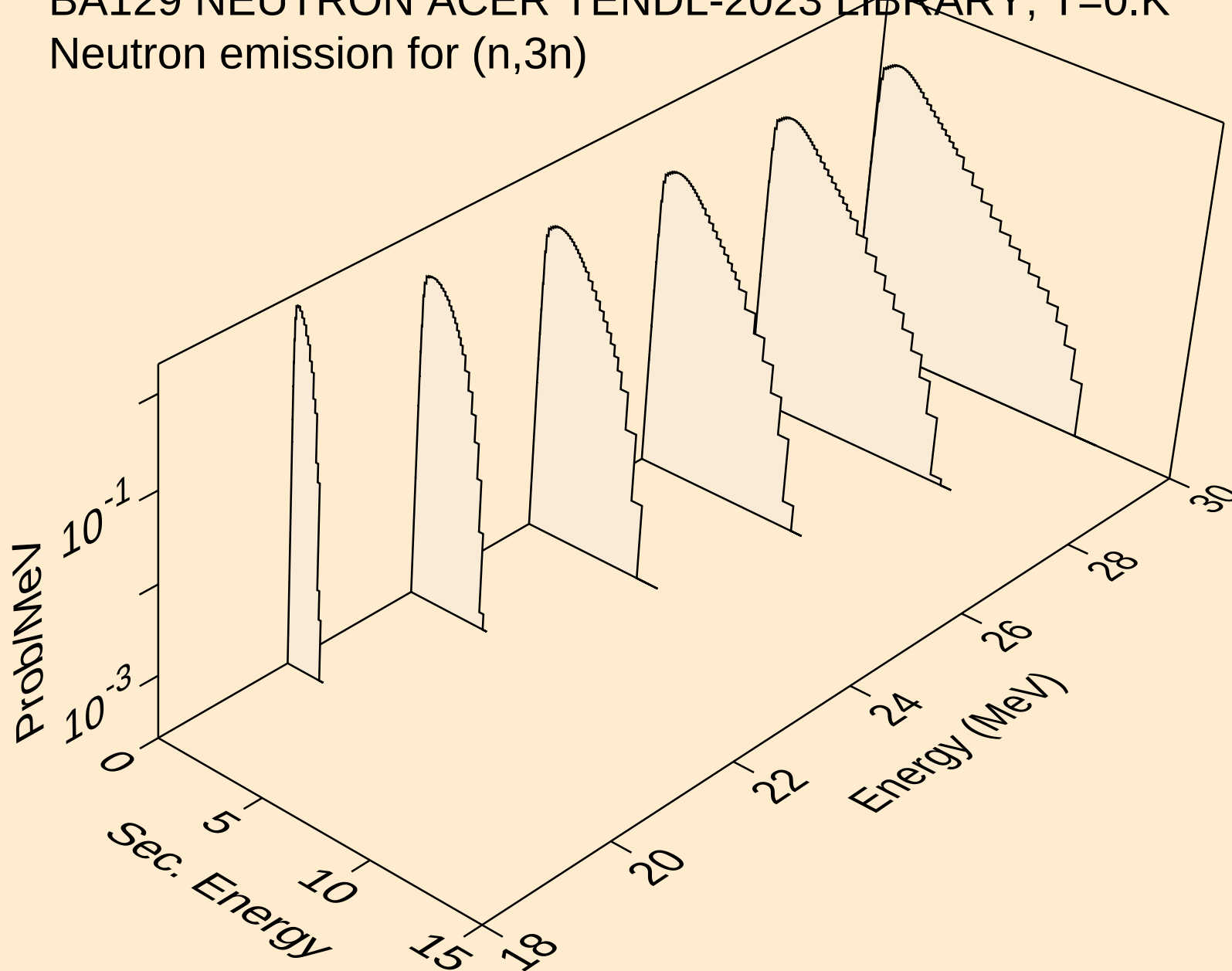
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

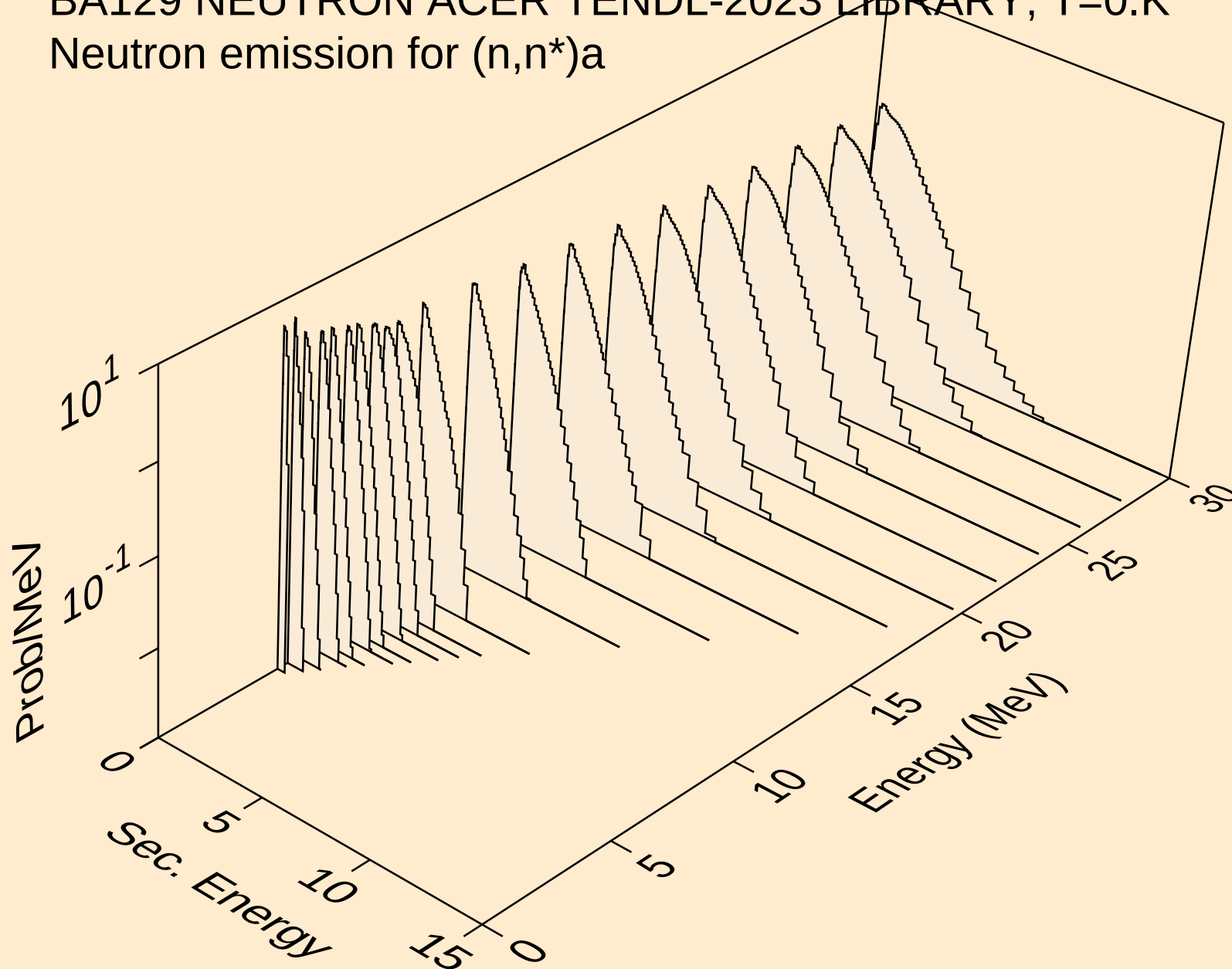


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

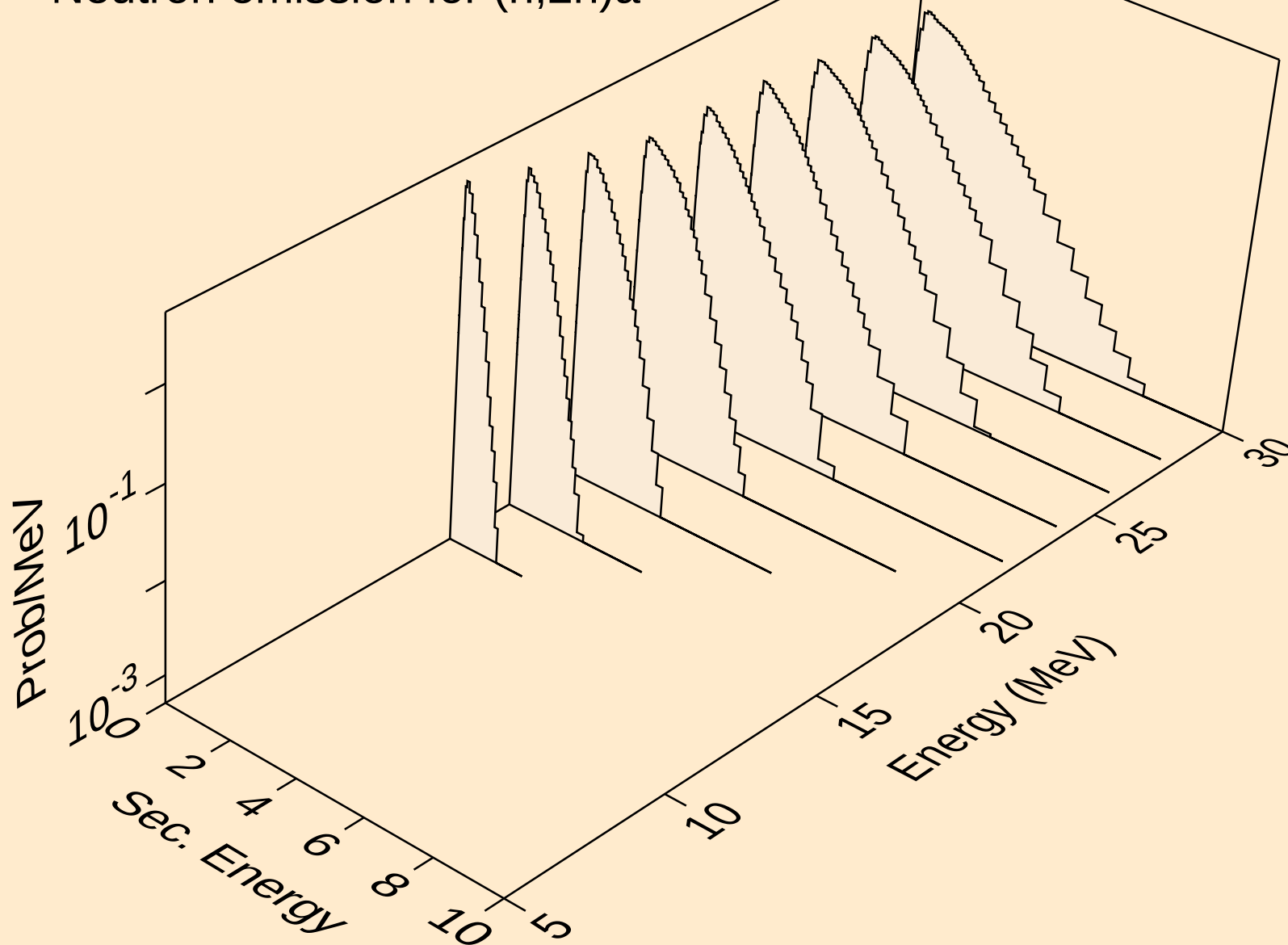


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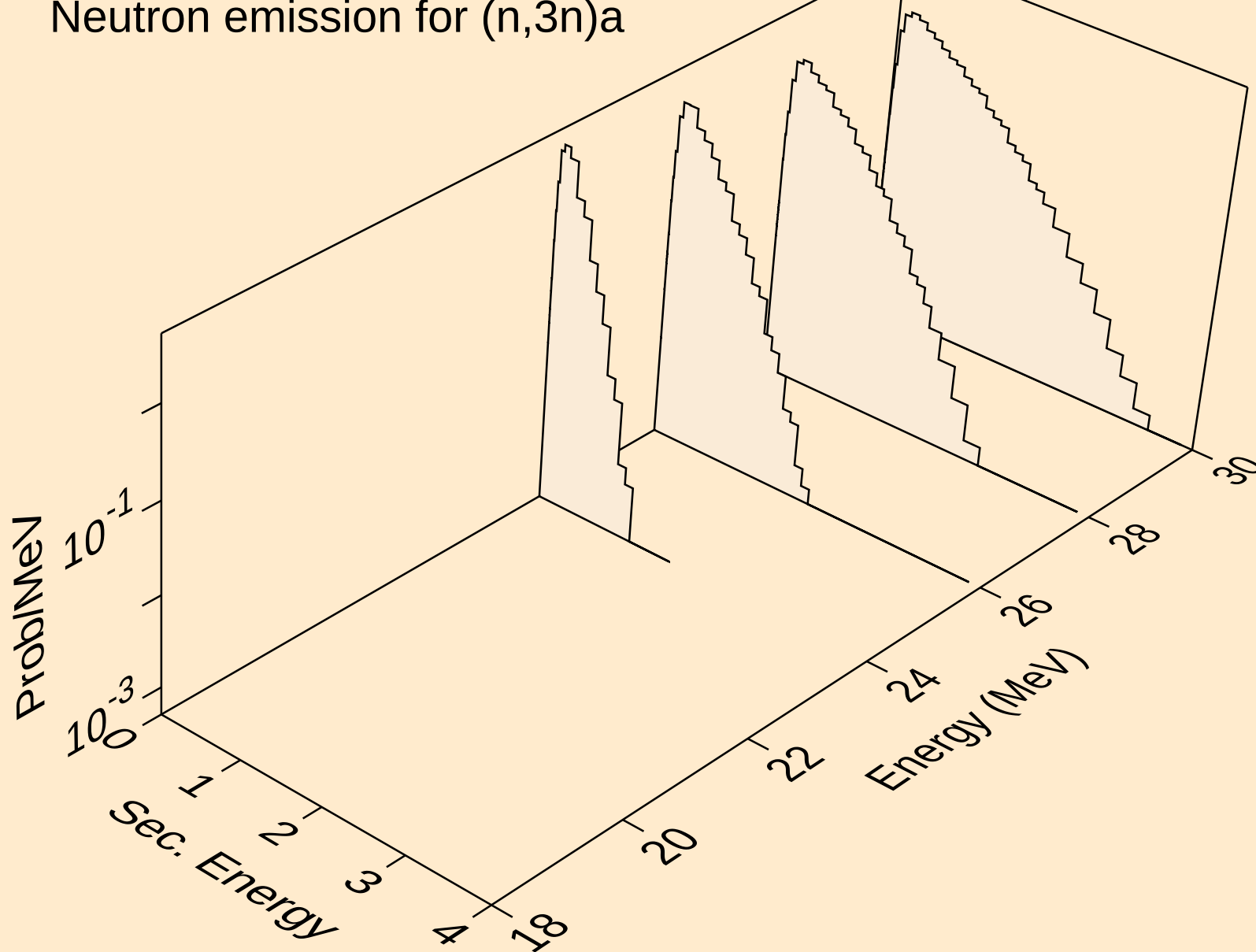
Neutron emission for (n,n\*)a



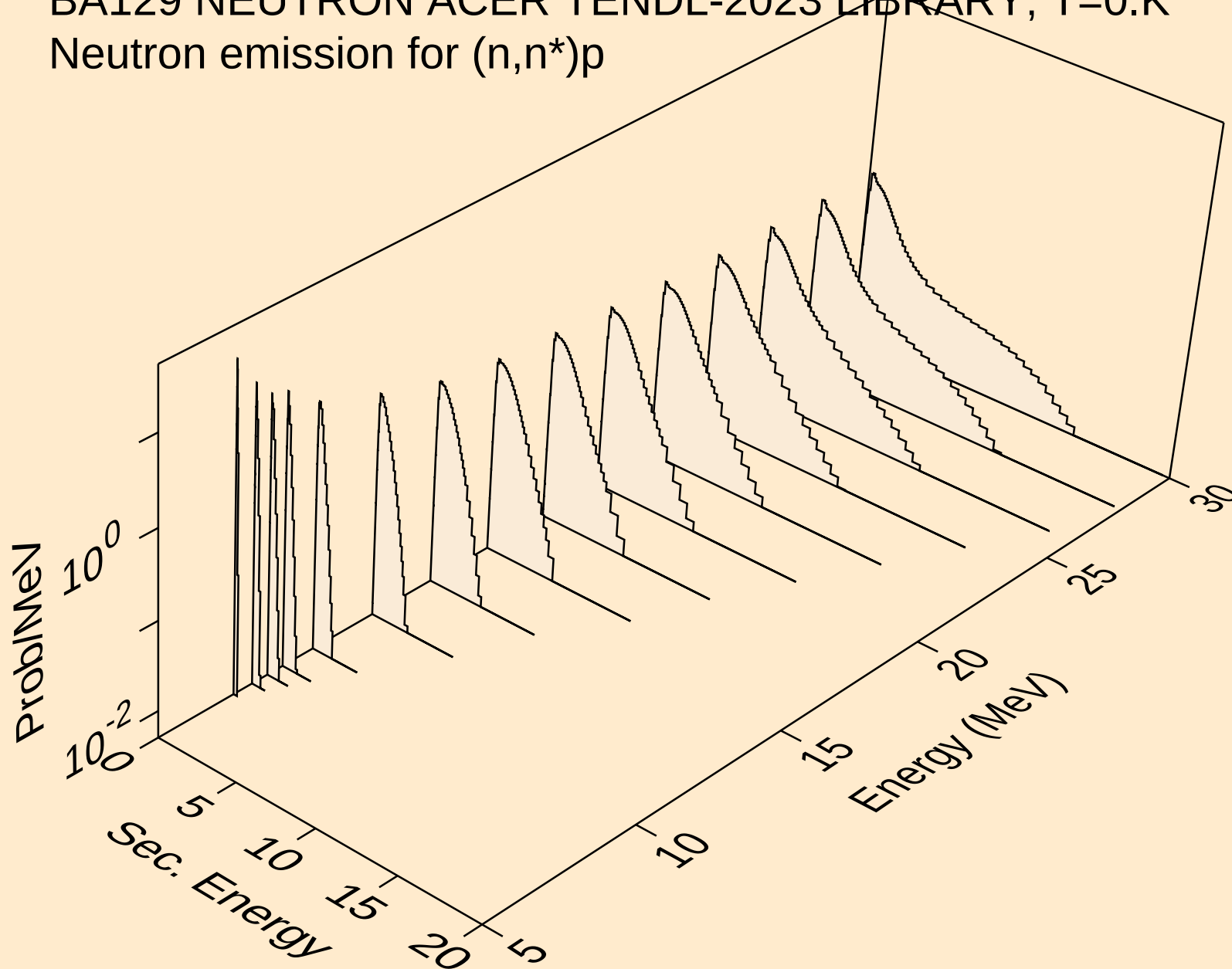
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)<sub>a</sub>



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

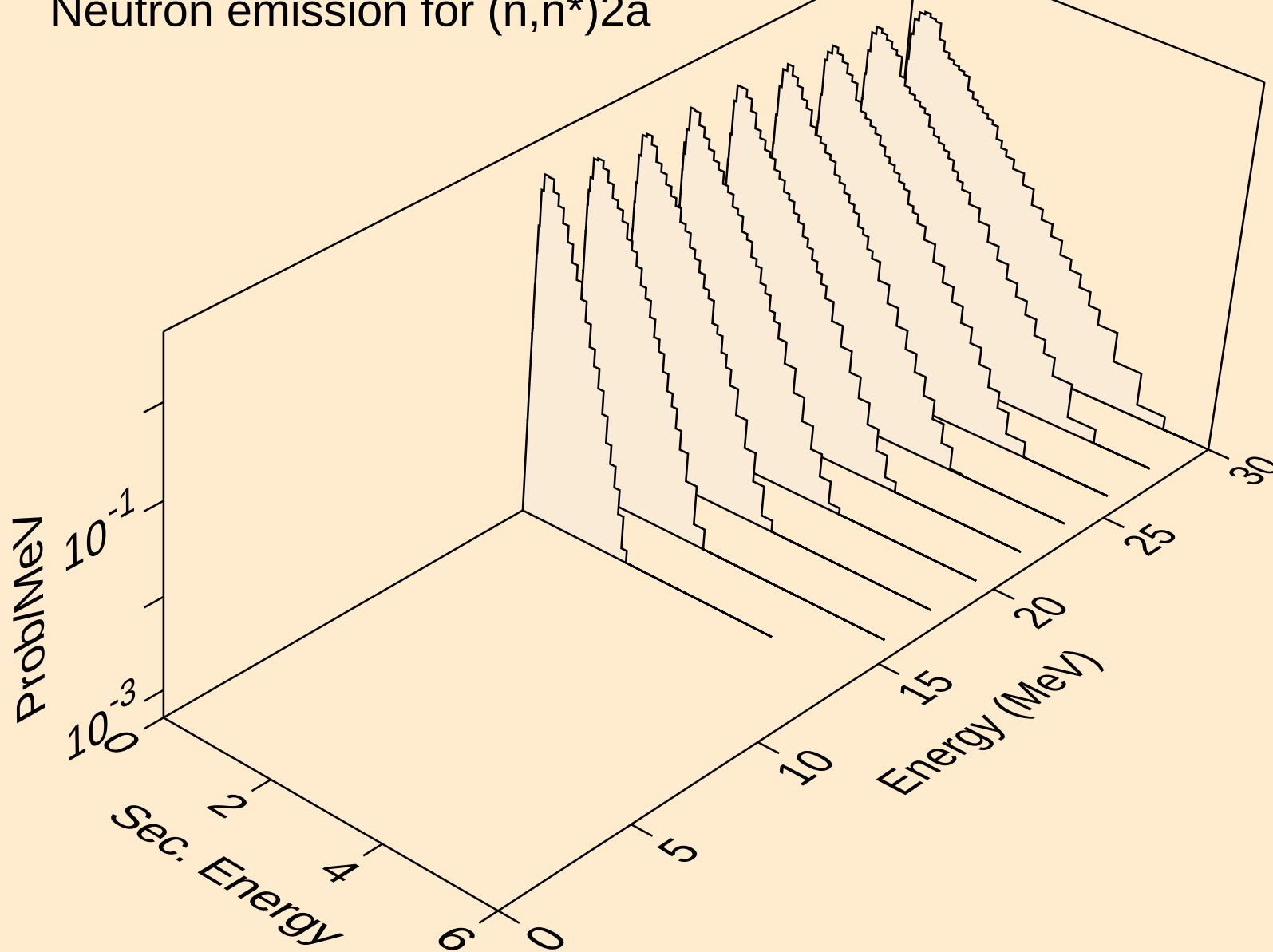


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

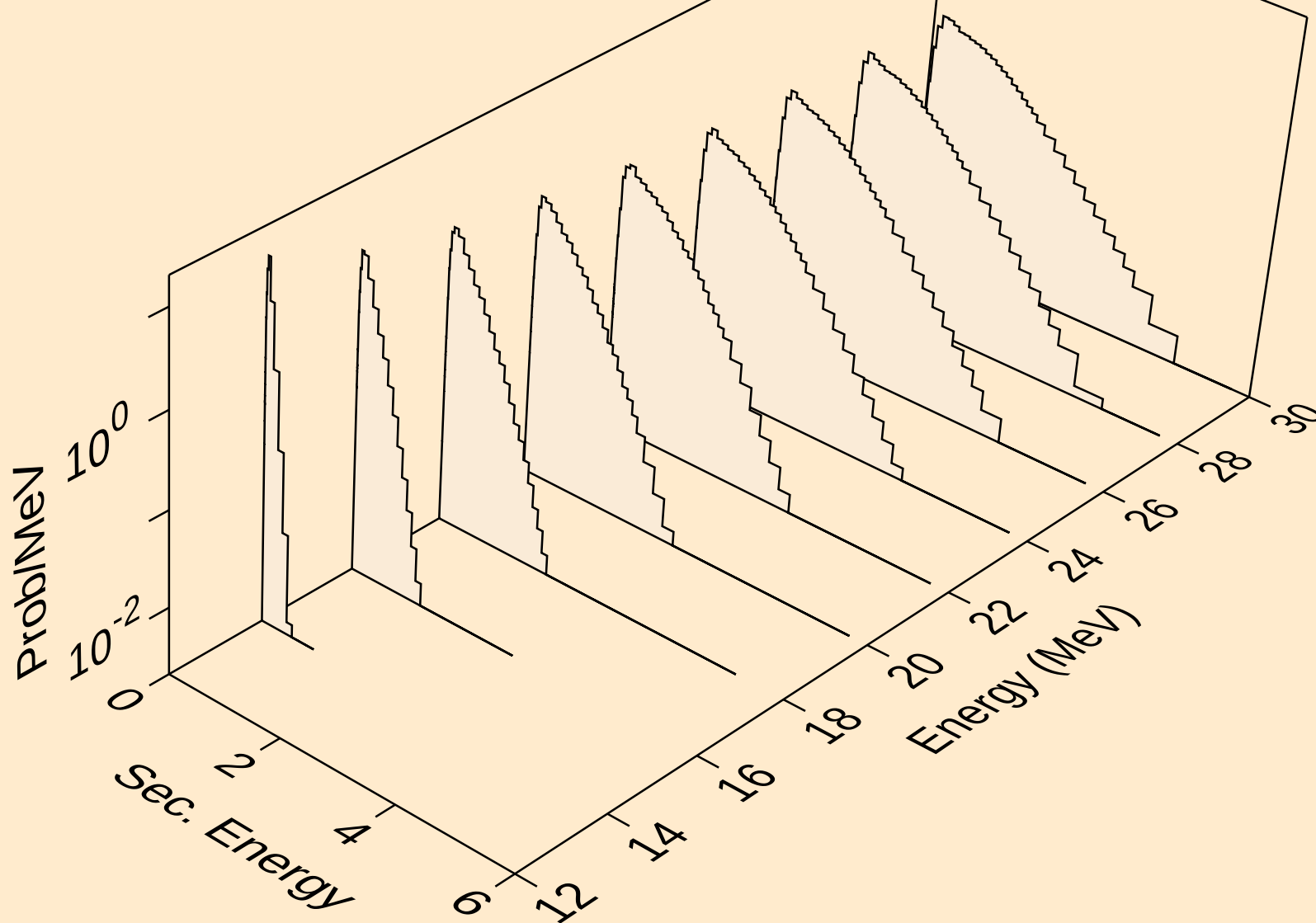


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

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

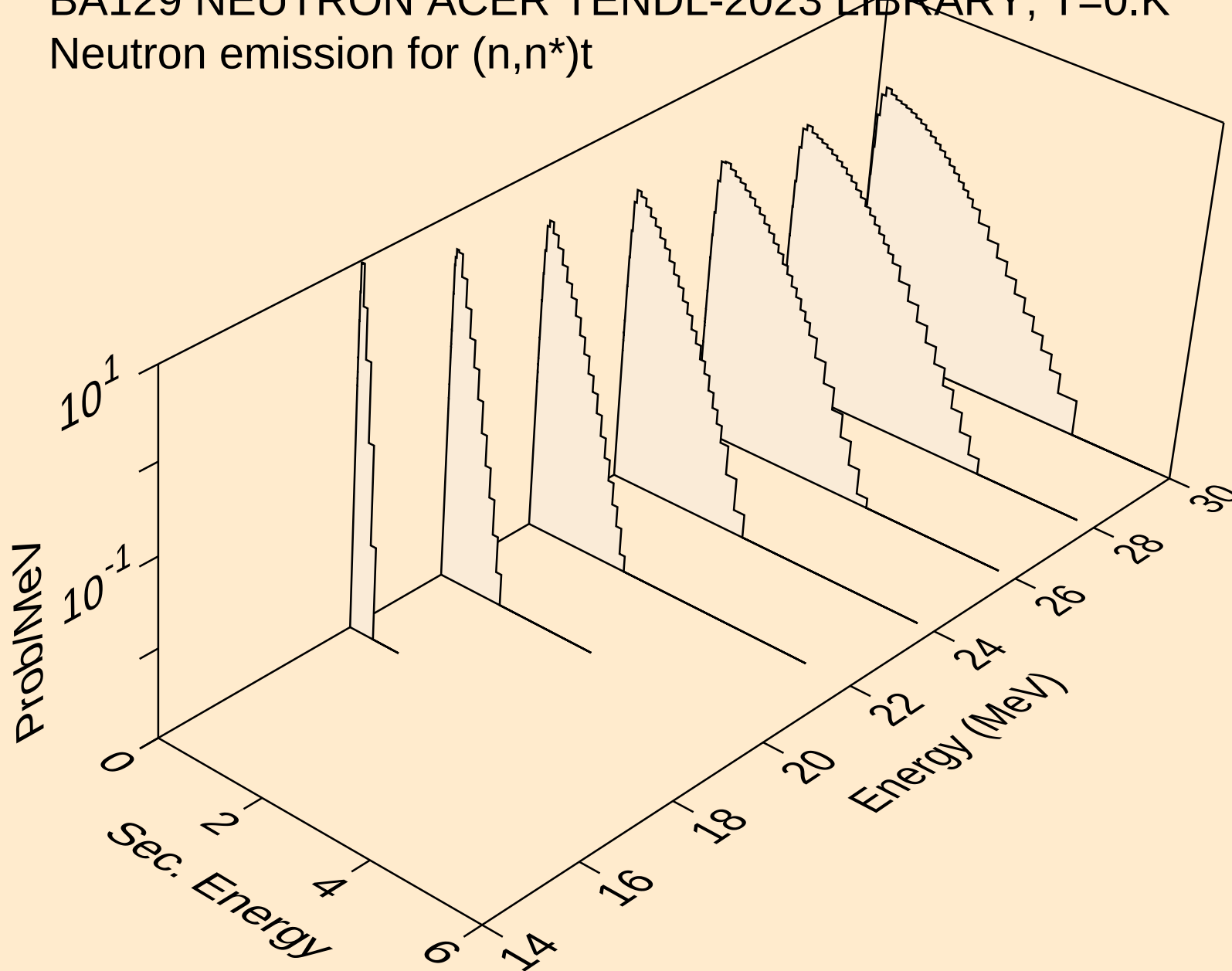


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

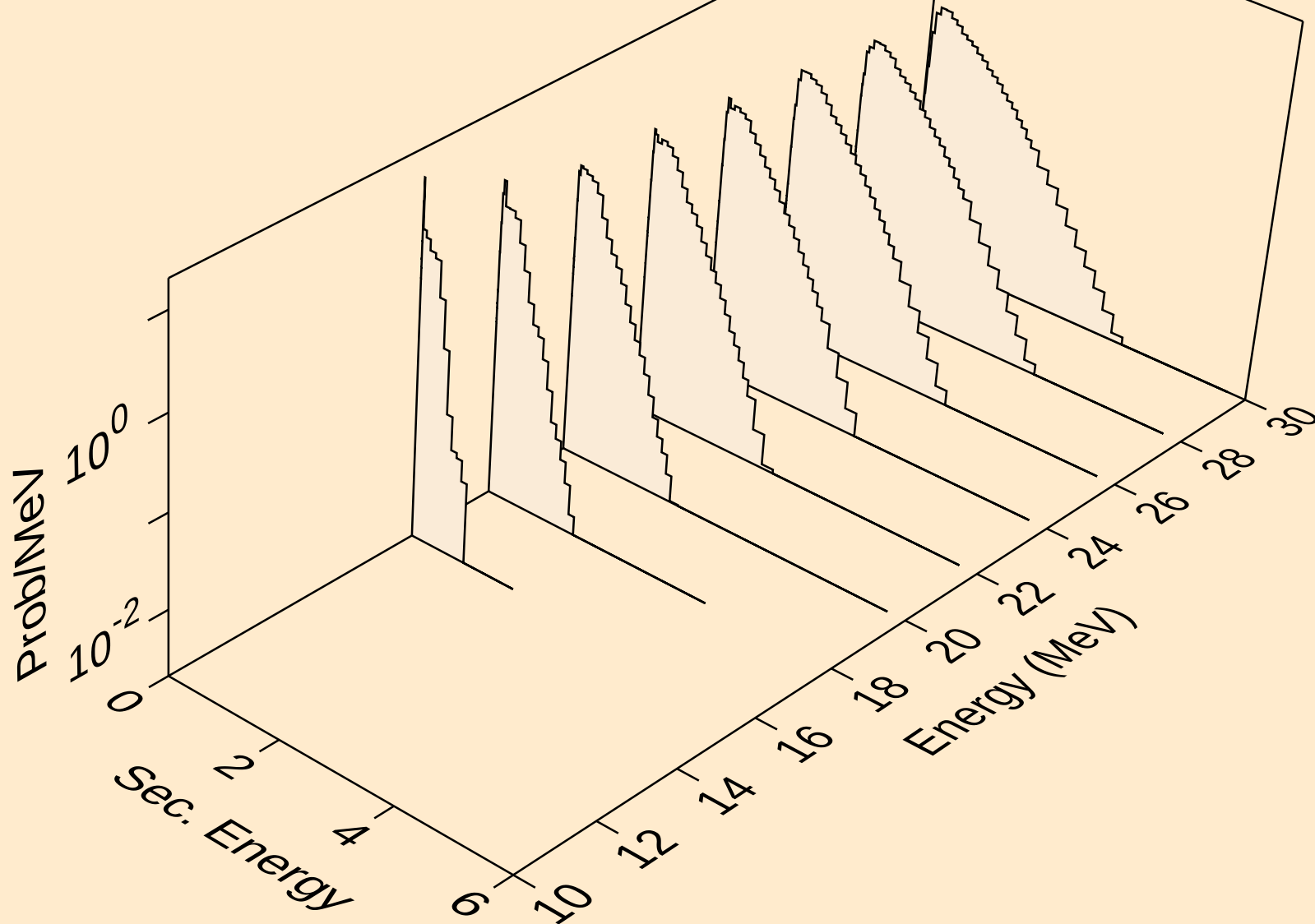


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

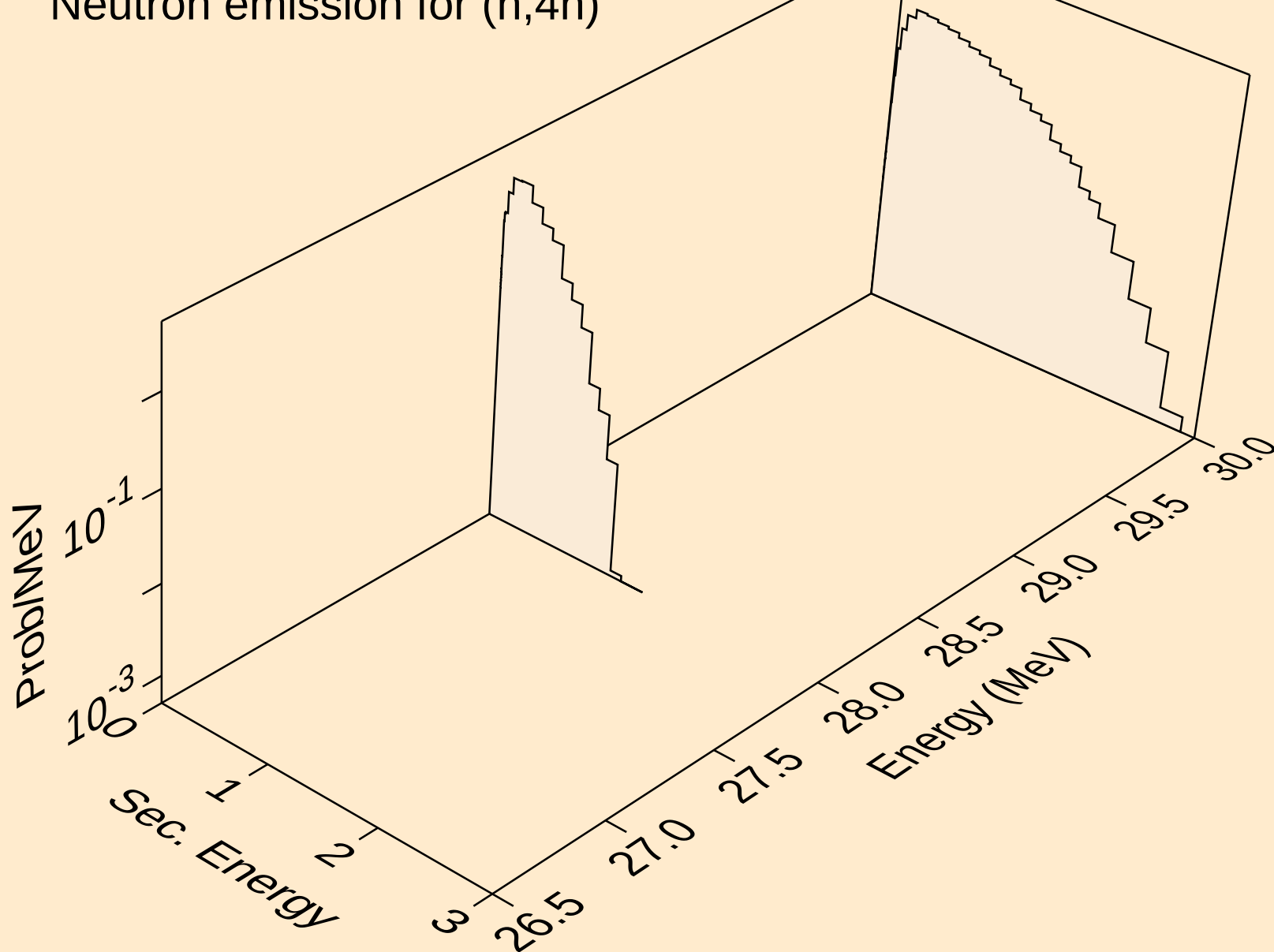
Neutron emission for (n,n\*)t



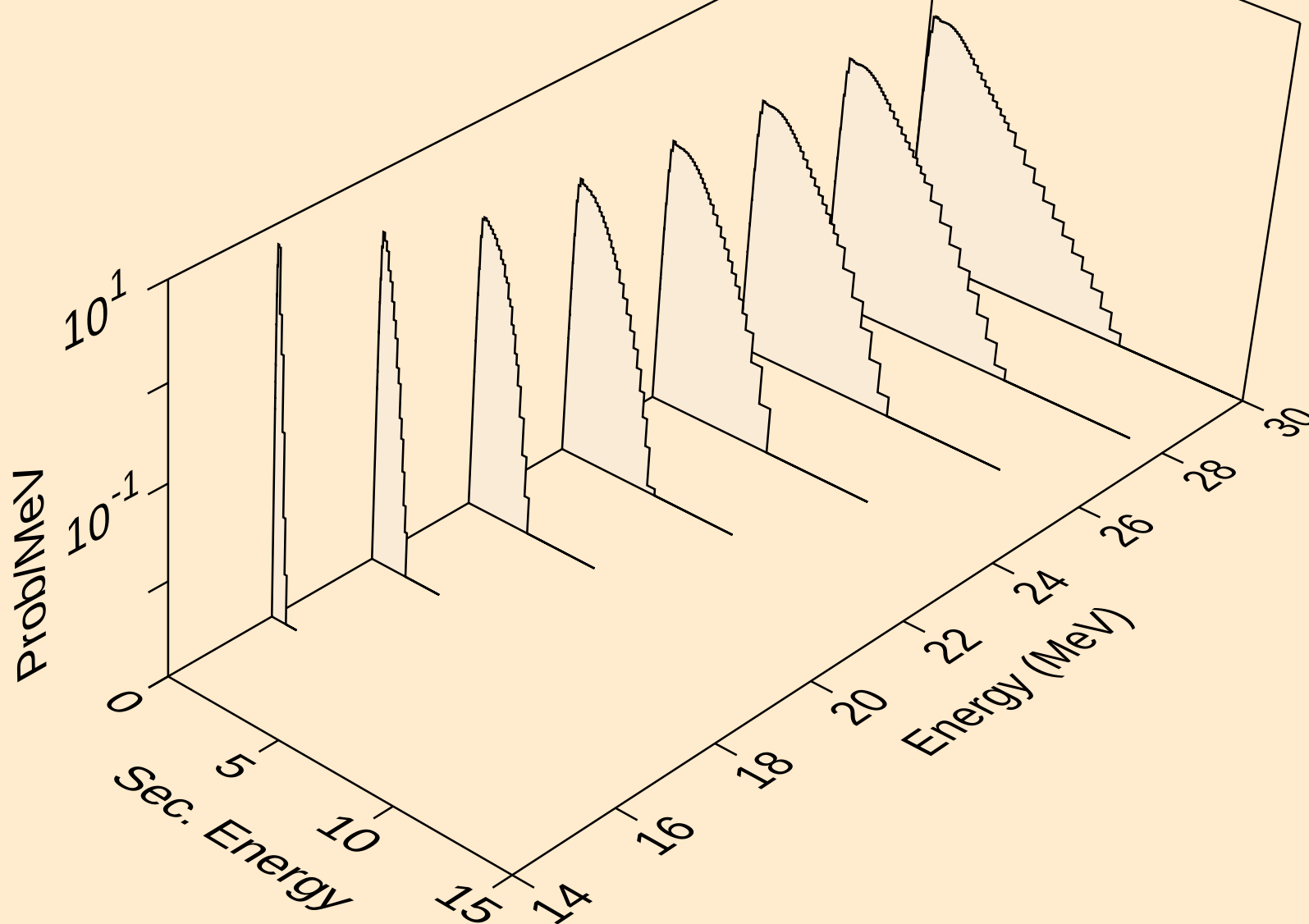
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



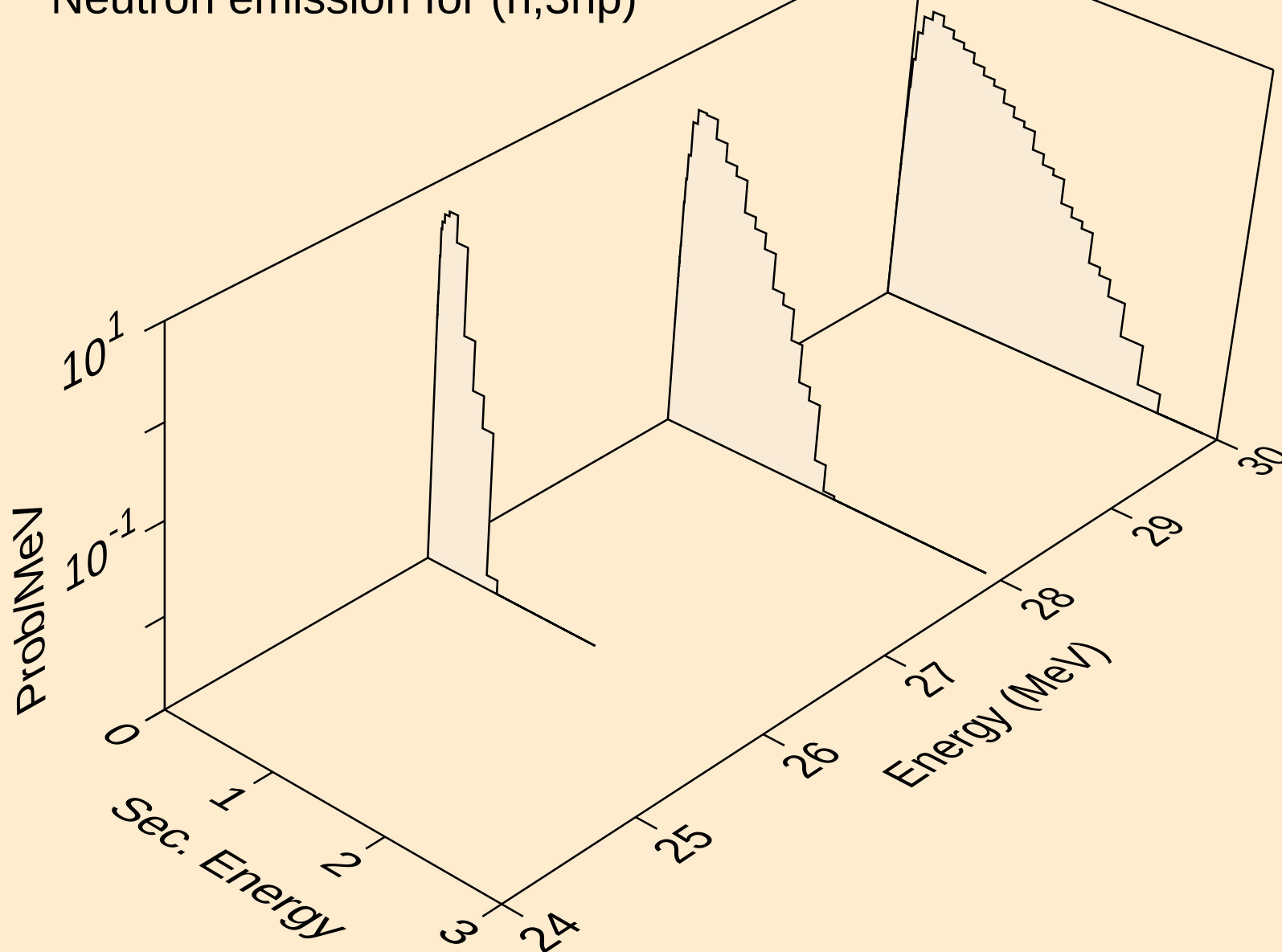
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Neutron emission for (n,4n)



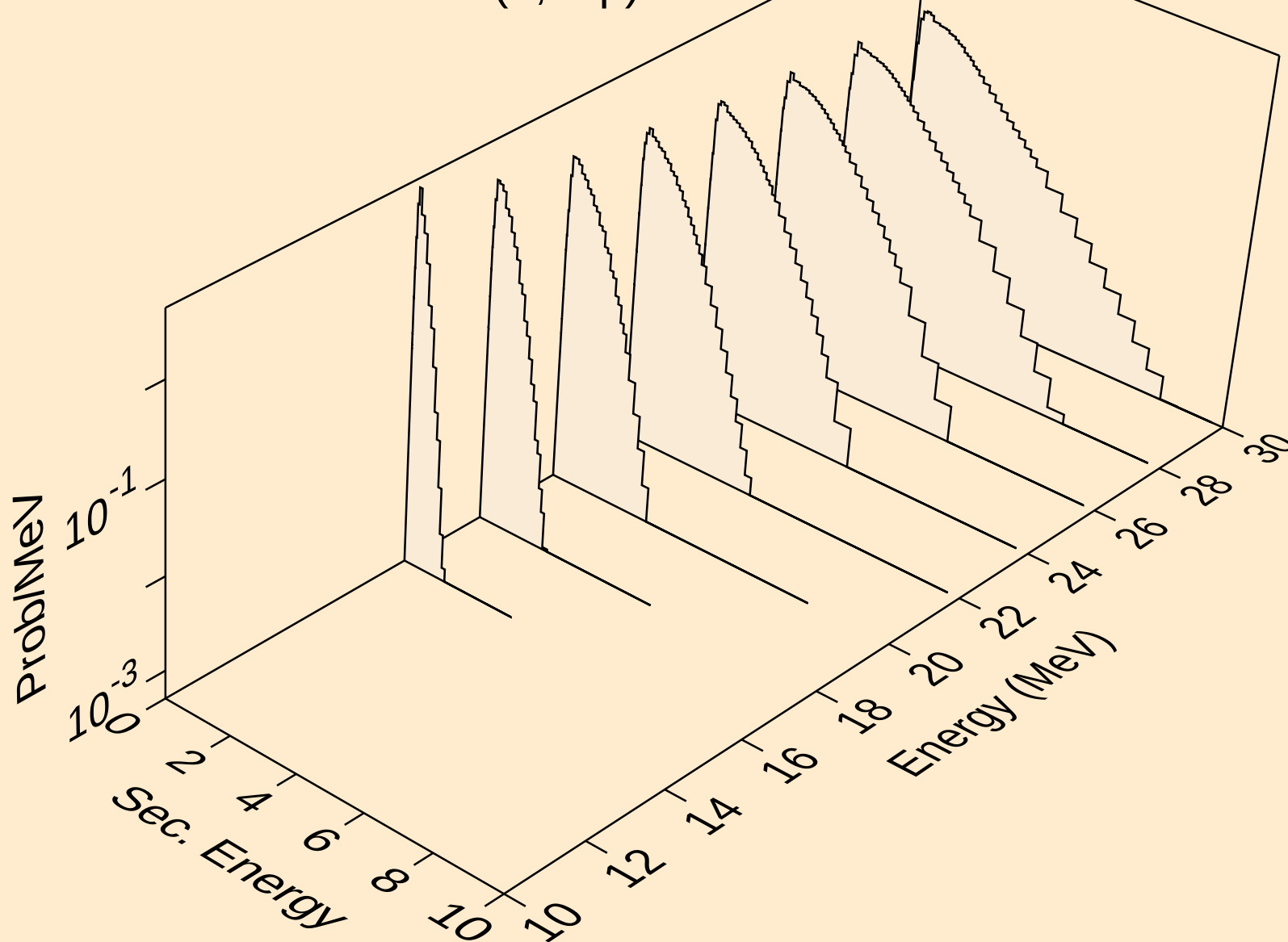
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



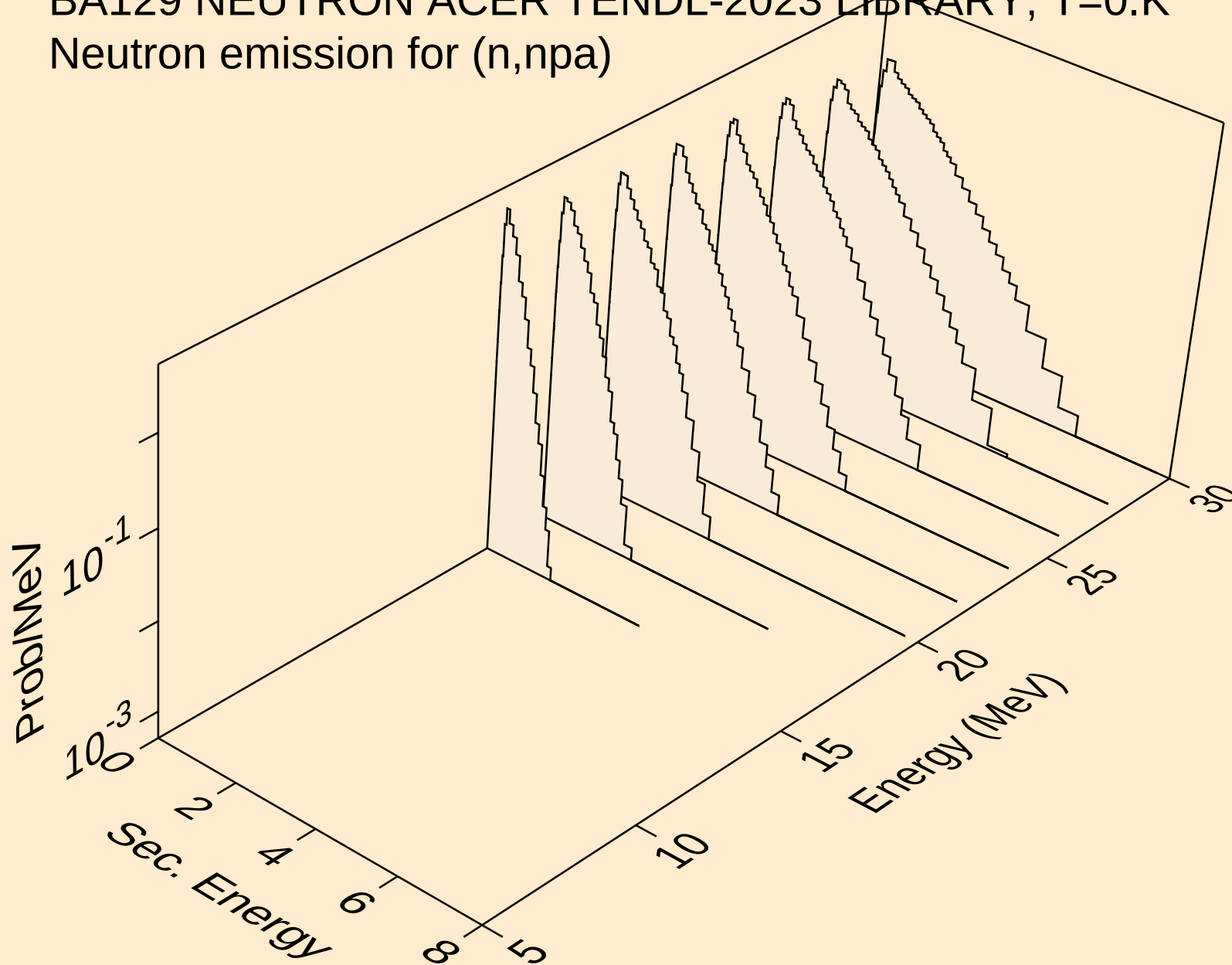
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Neutron emission for (n,3np)



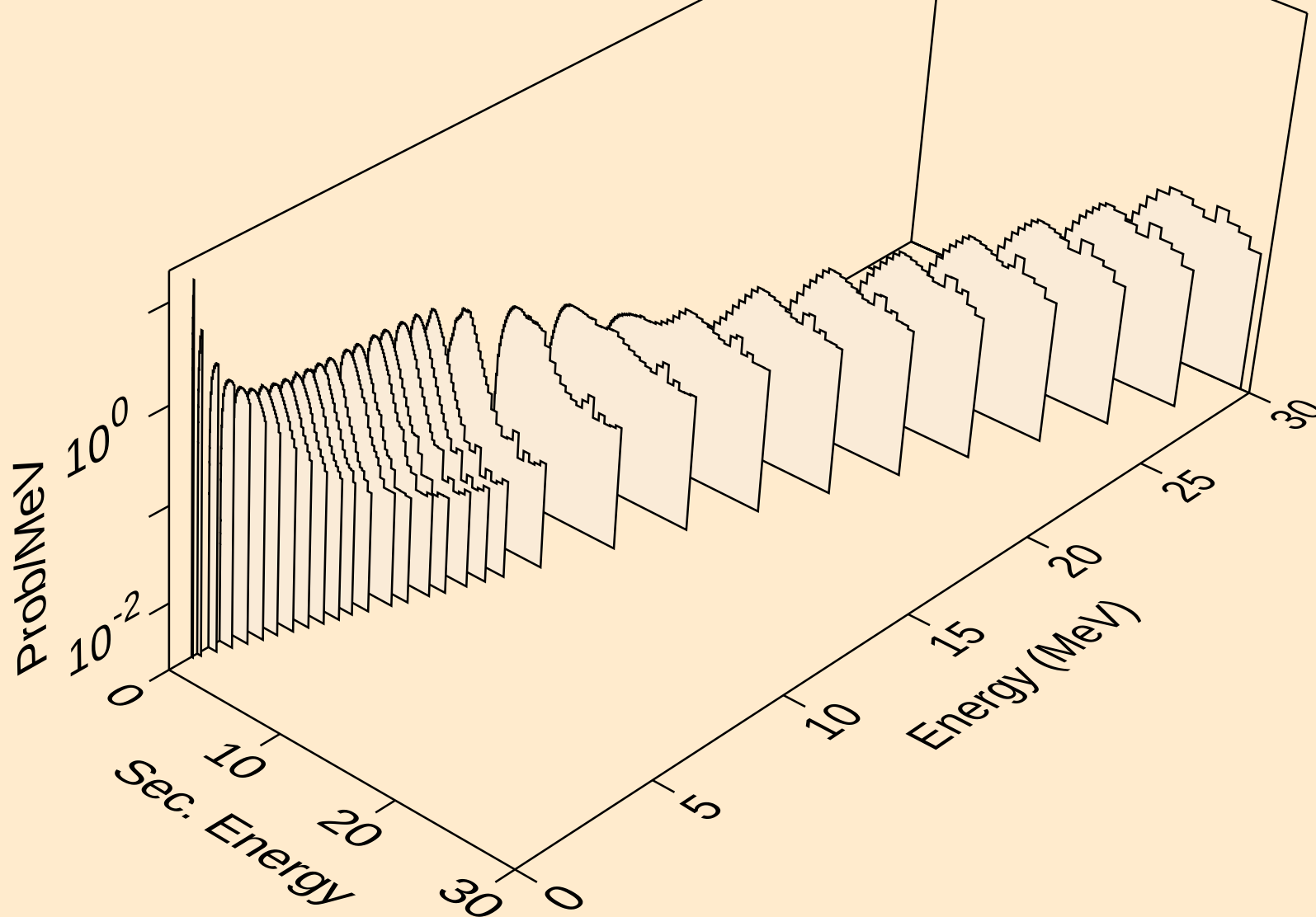
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Neutron emission for (n,n2p)



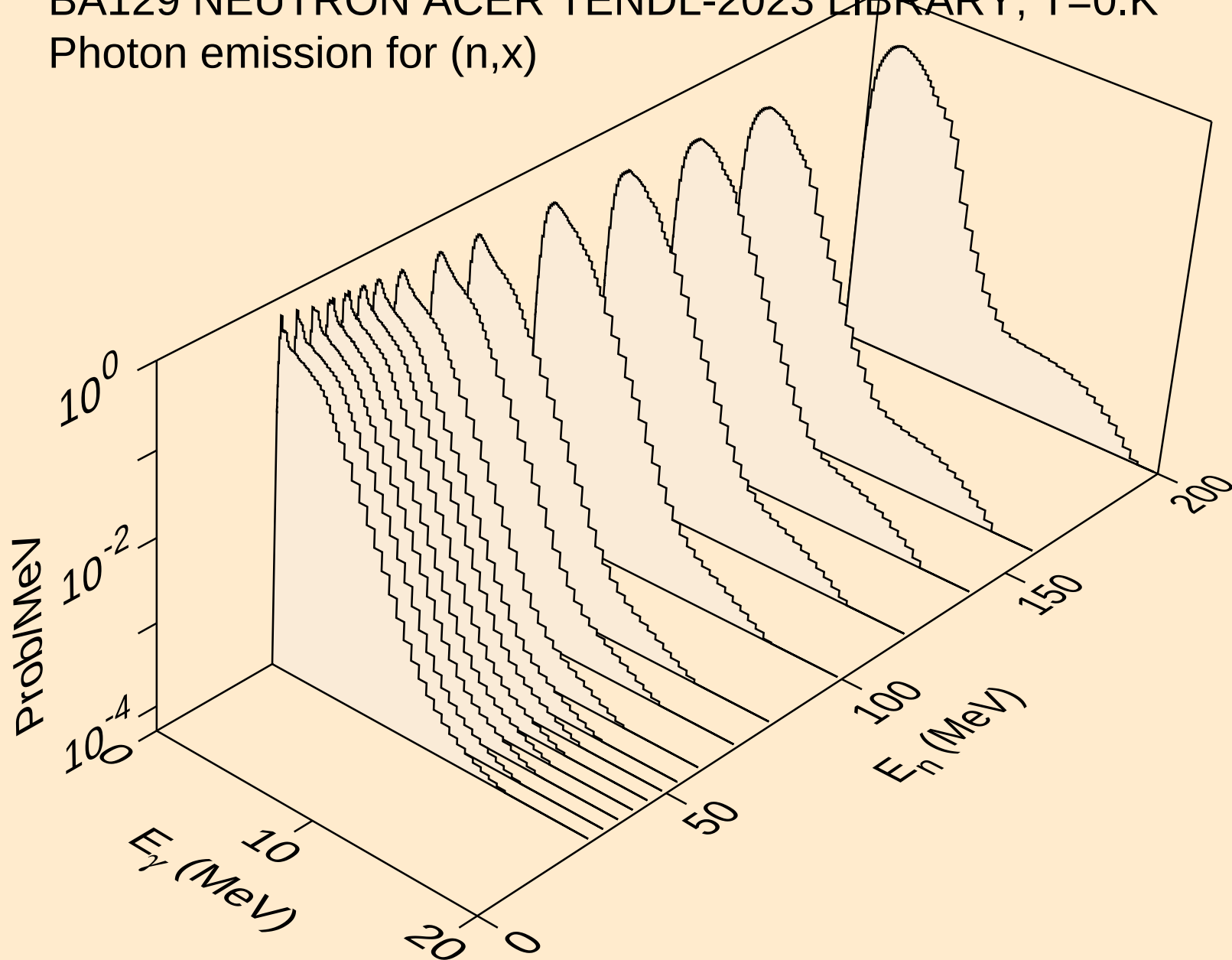
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



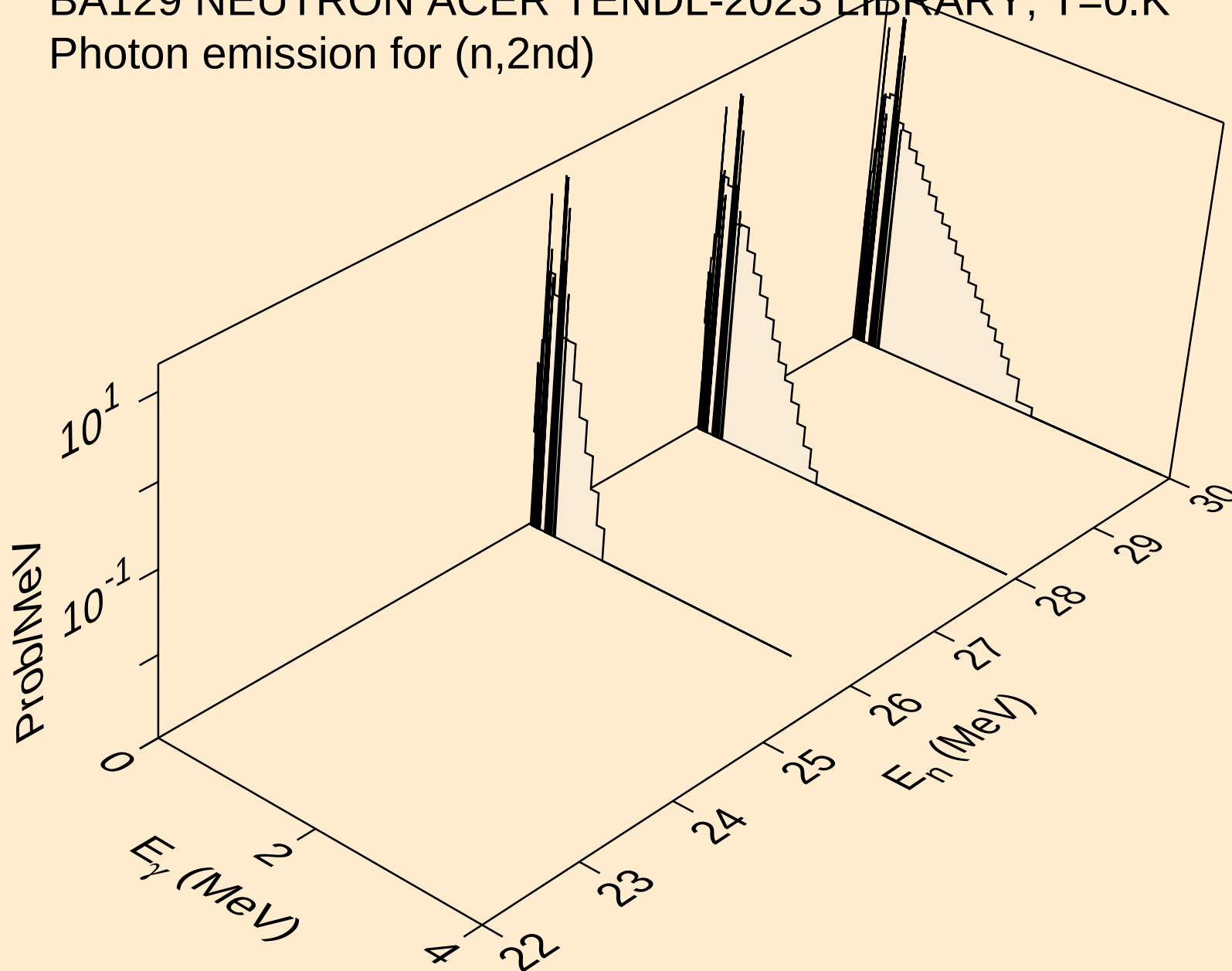
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



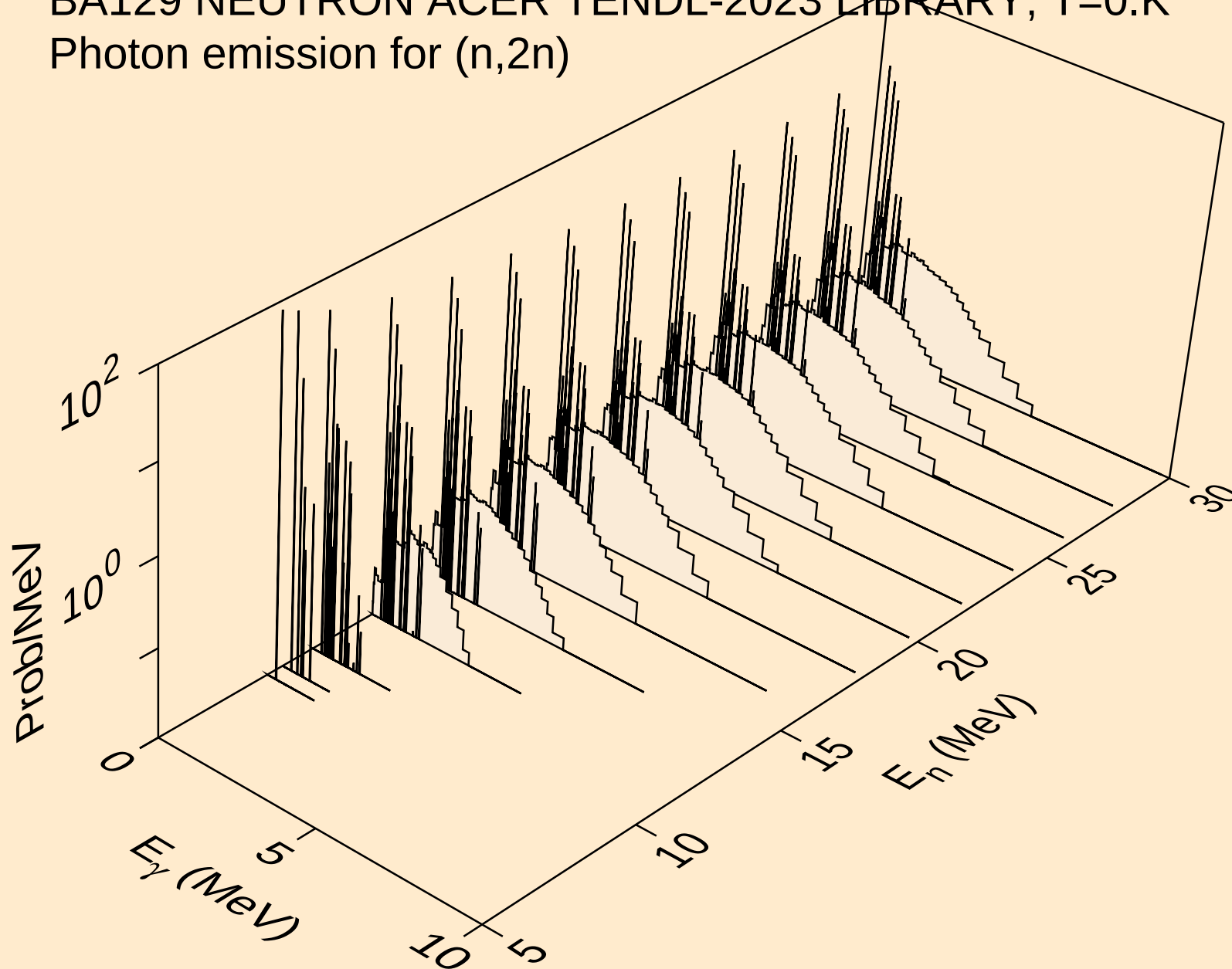
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



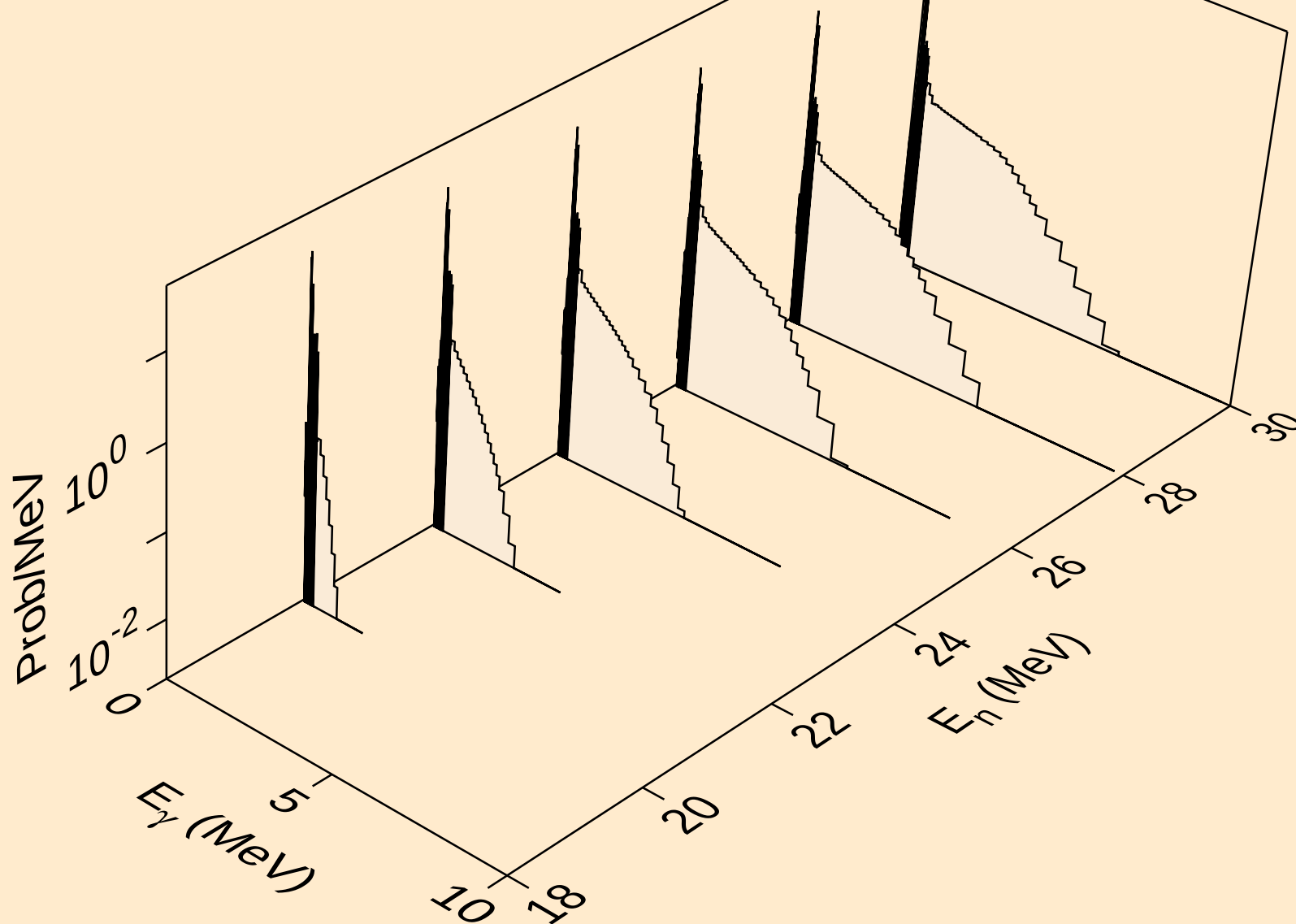
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



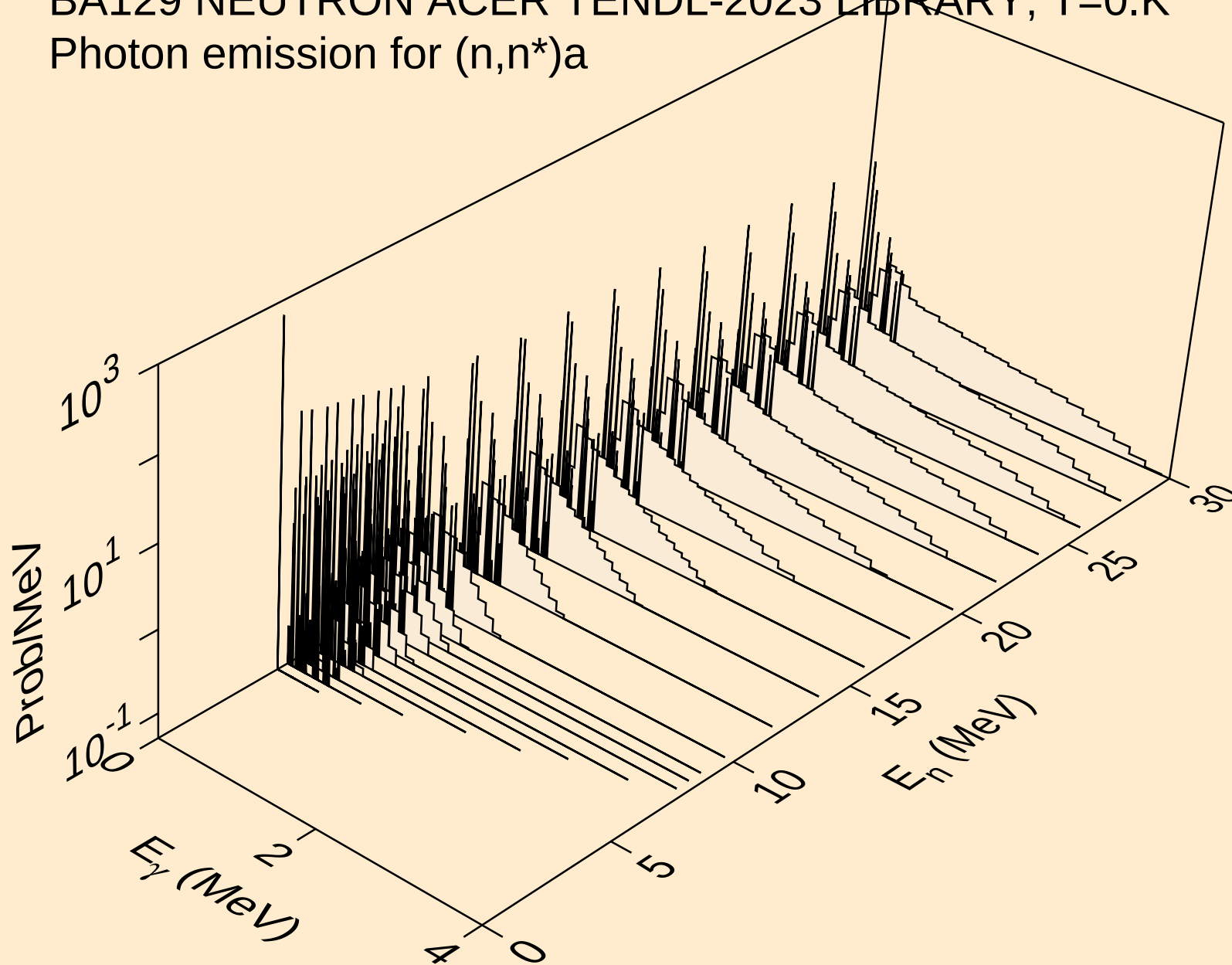
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Photon emission for (n,2n)



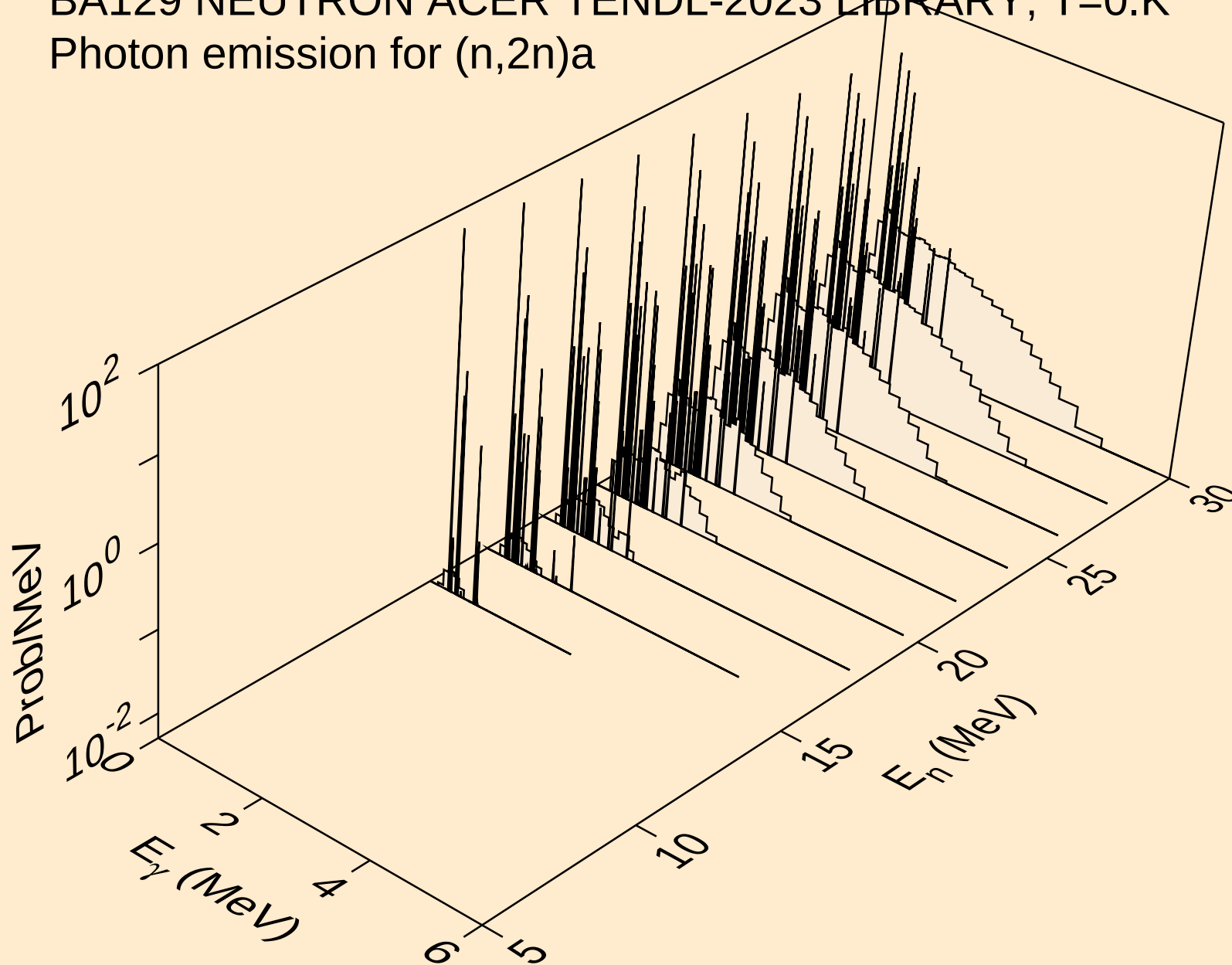
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

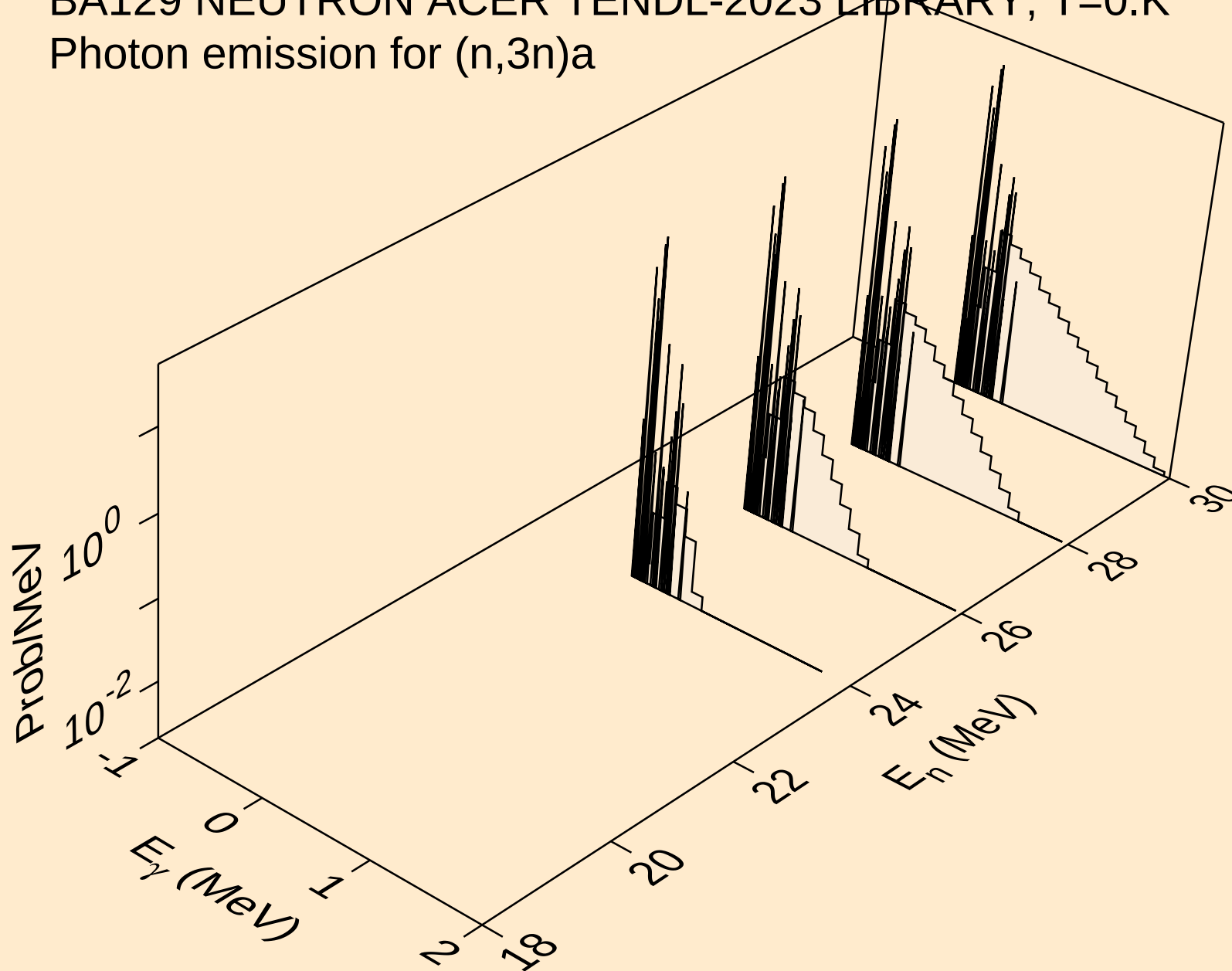


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



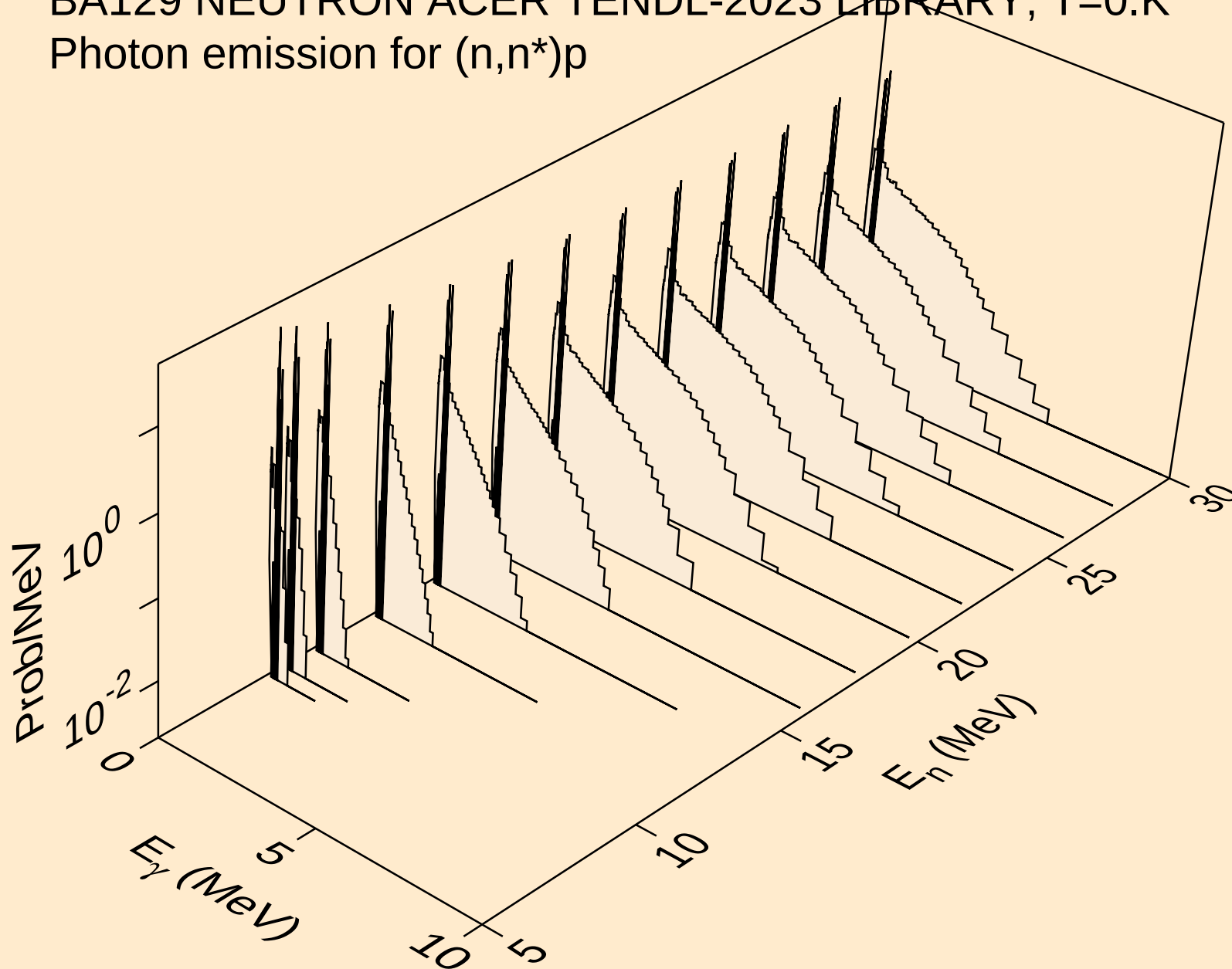
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Photon emission for (n,3n) $\alpha$

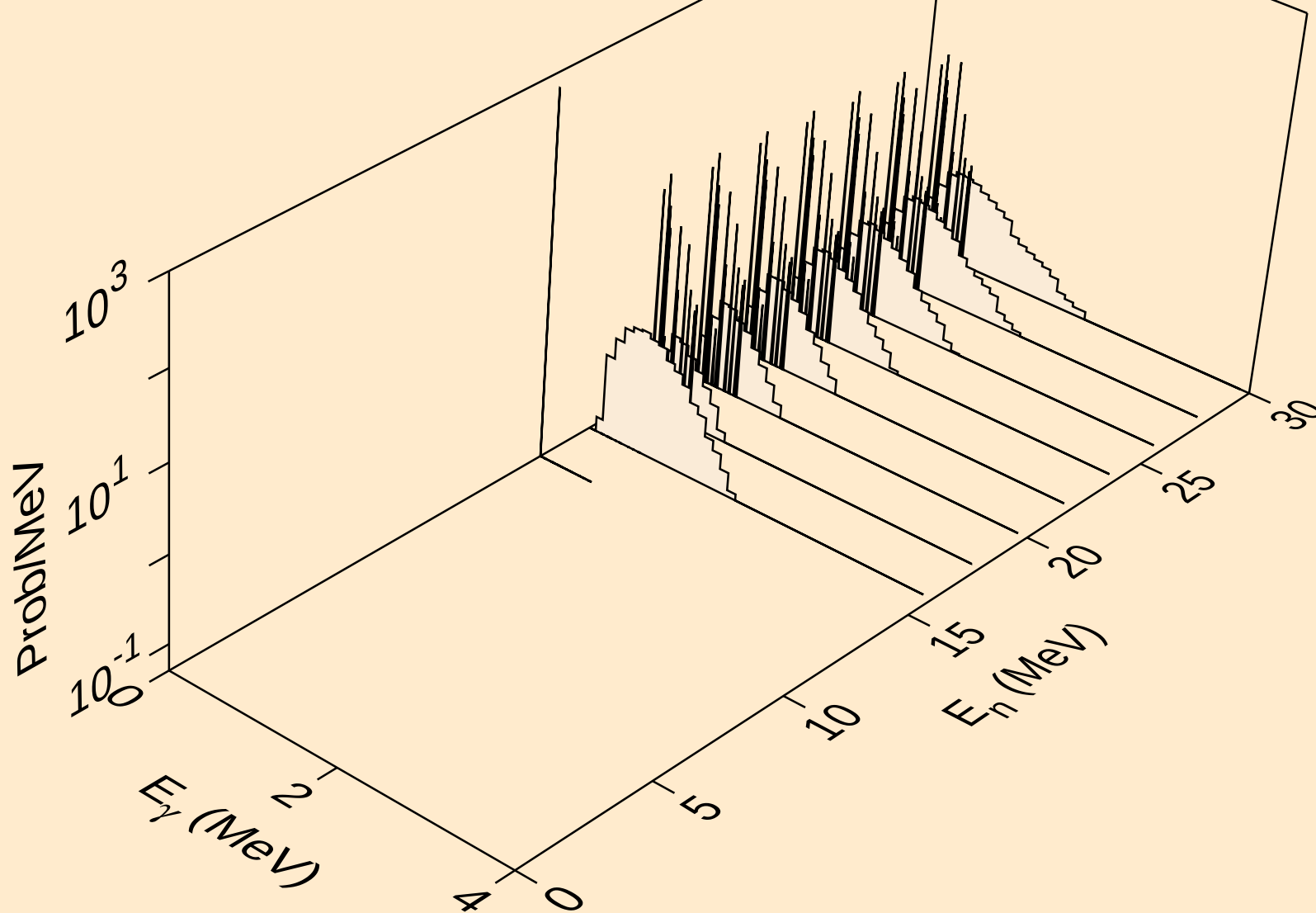


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

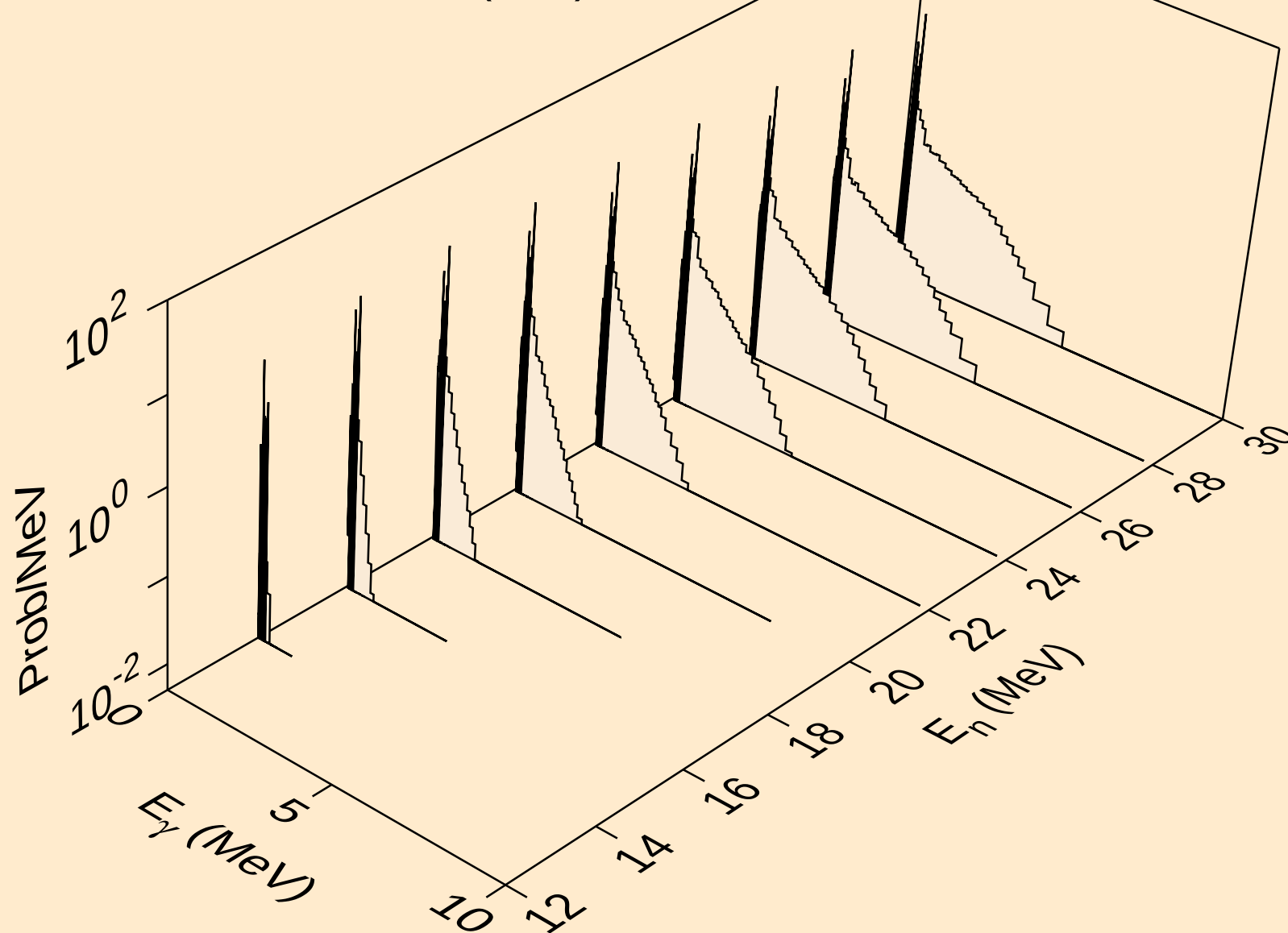


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



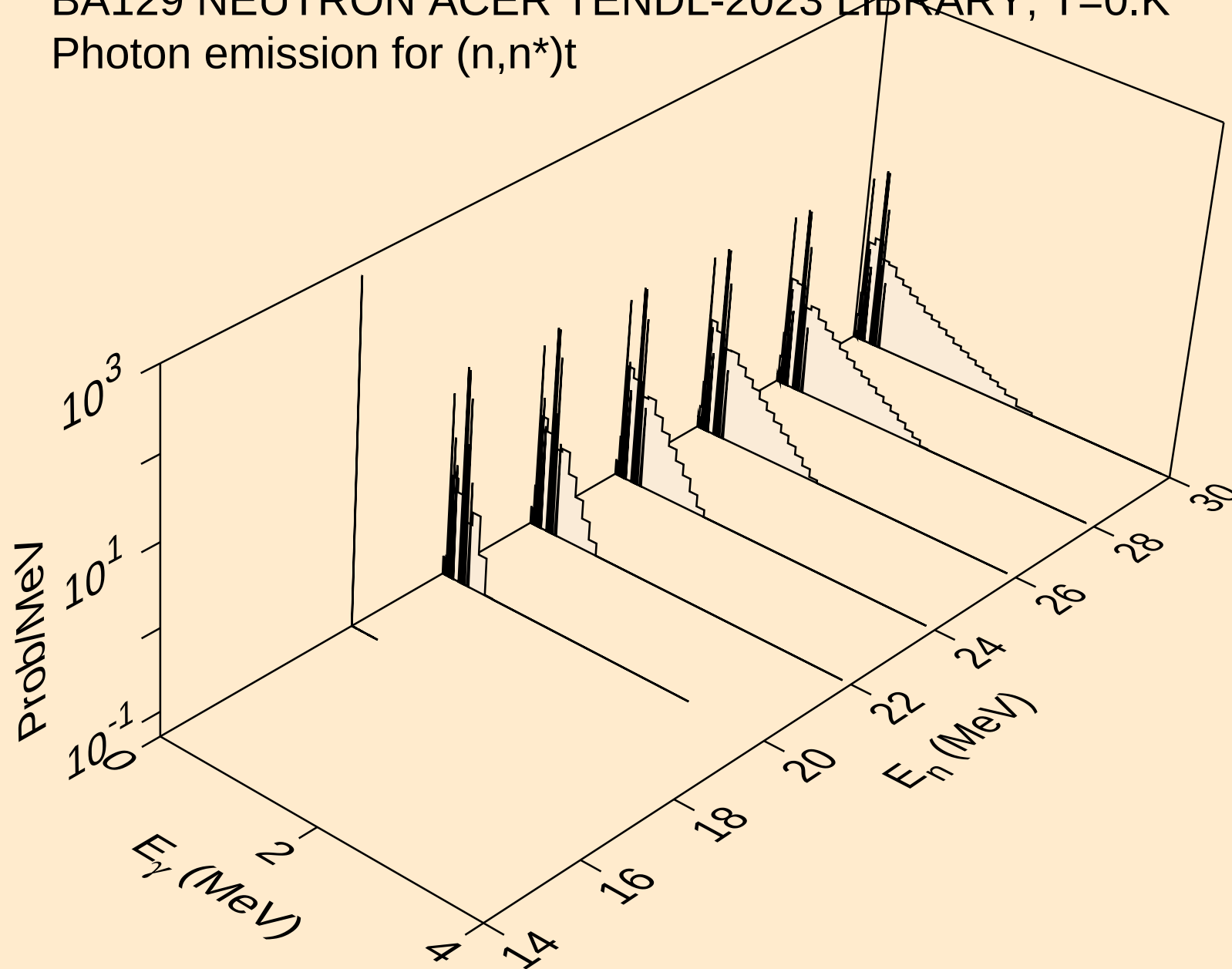
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Photon emission for (n,n\*)d

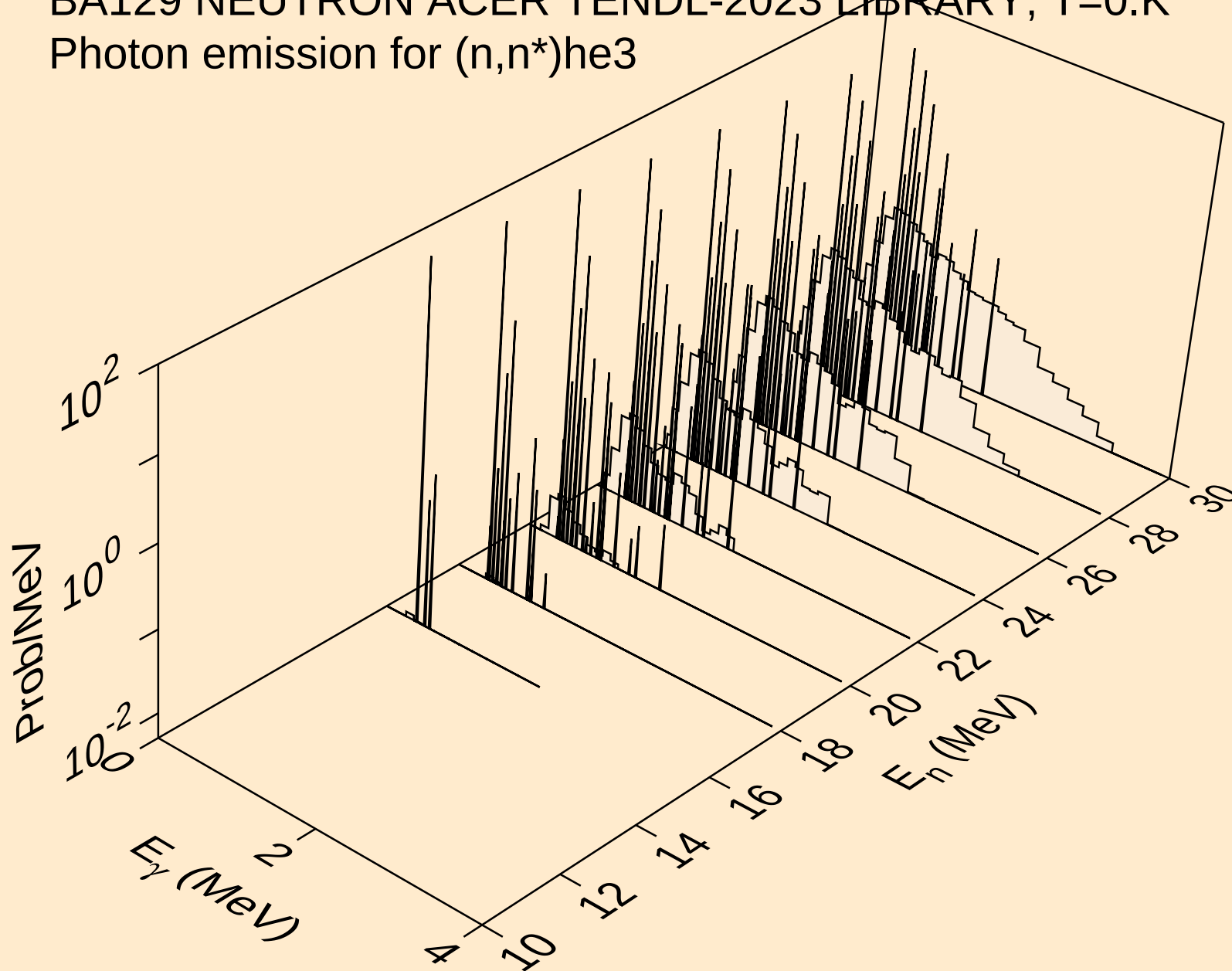


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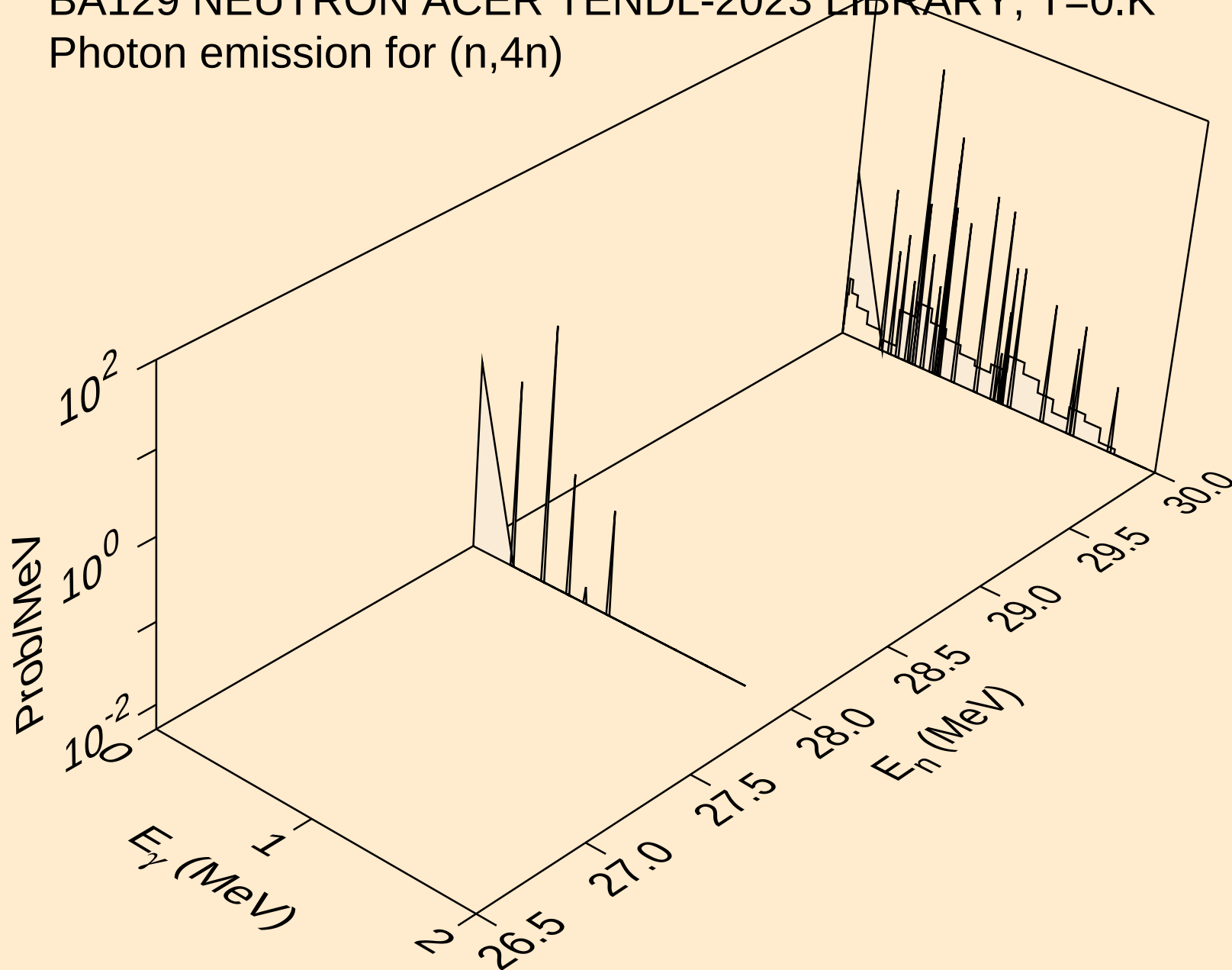
Photon emission for (n,n\*)t



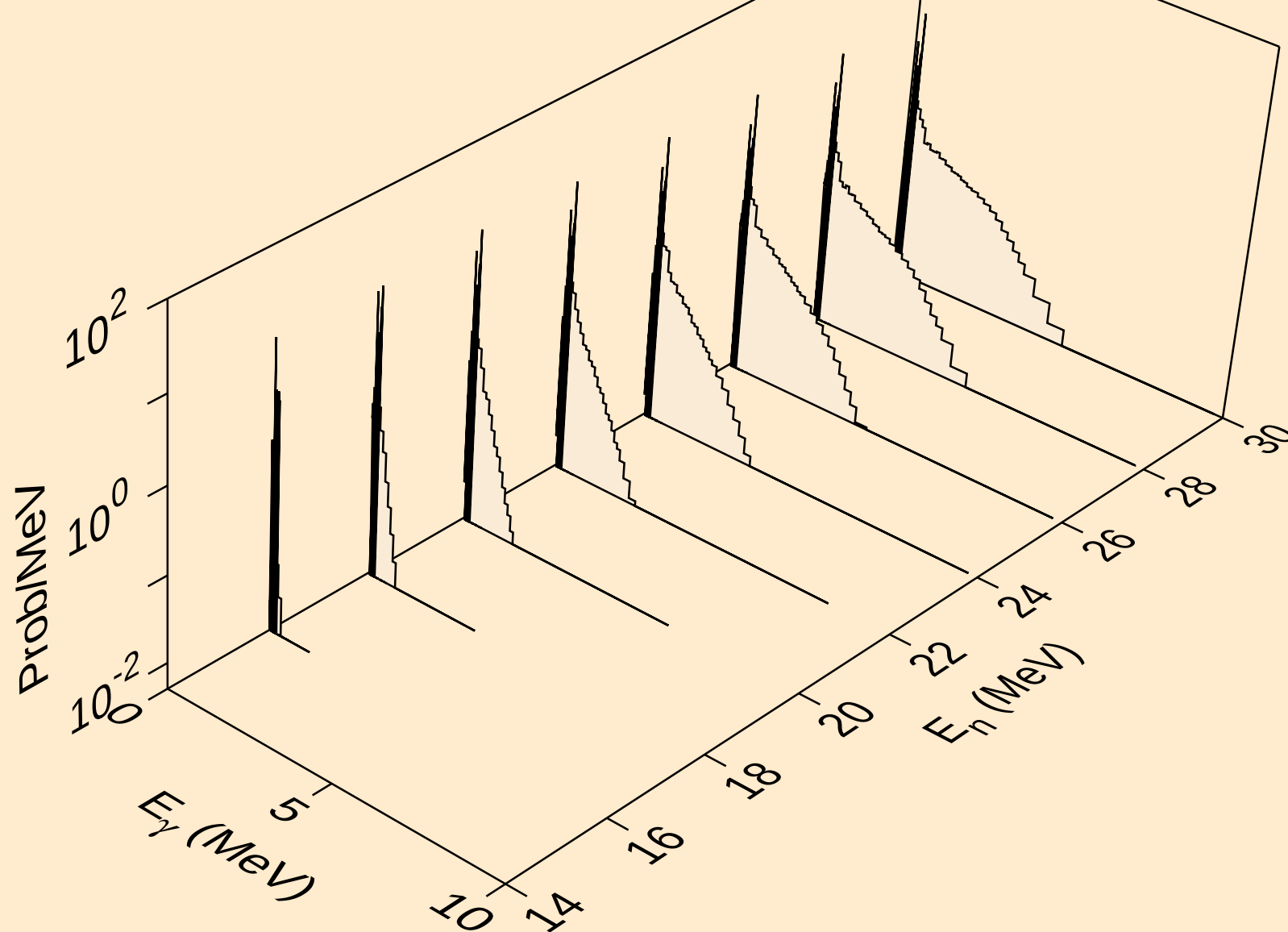
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



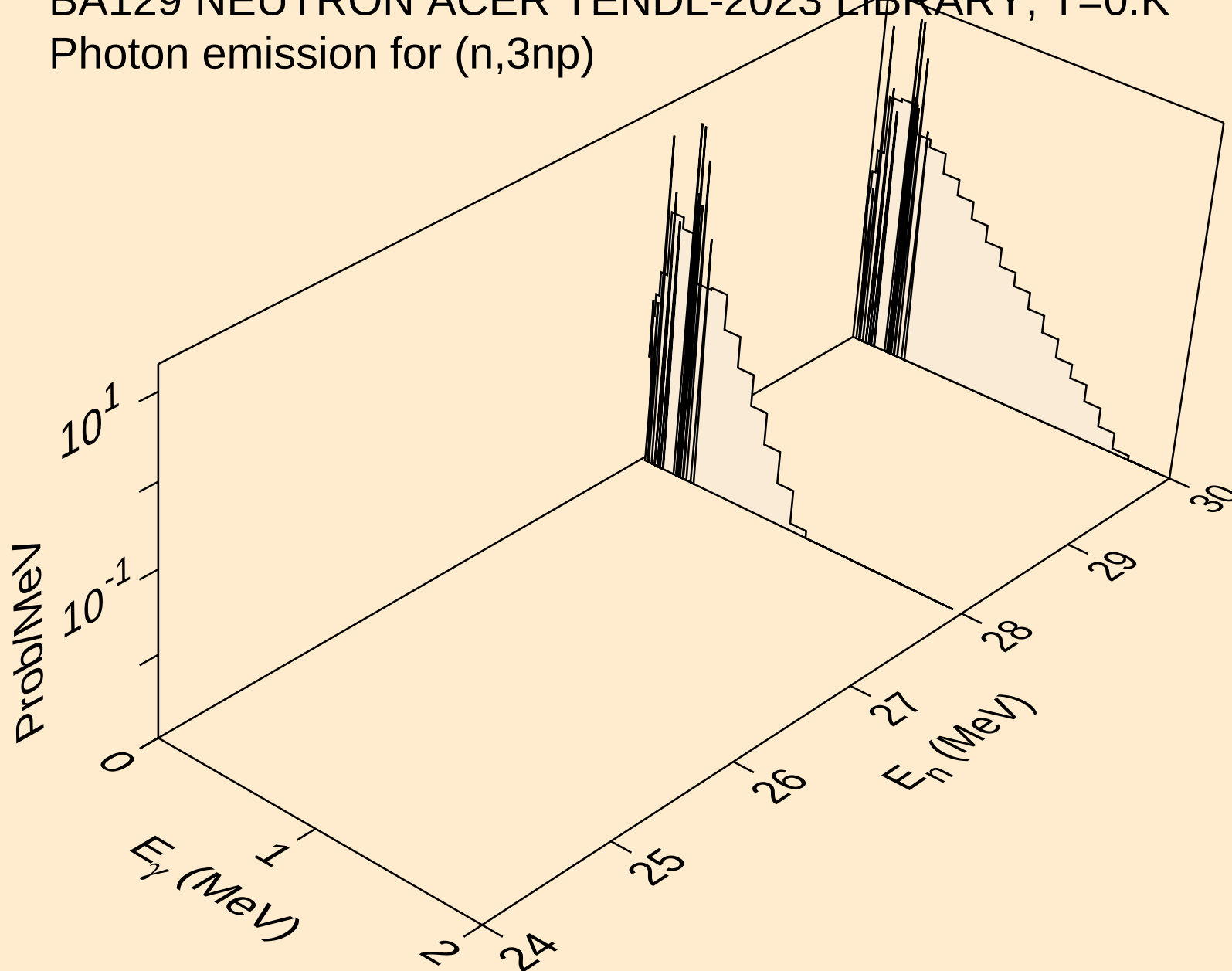
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Photon emission for (n,4n)



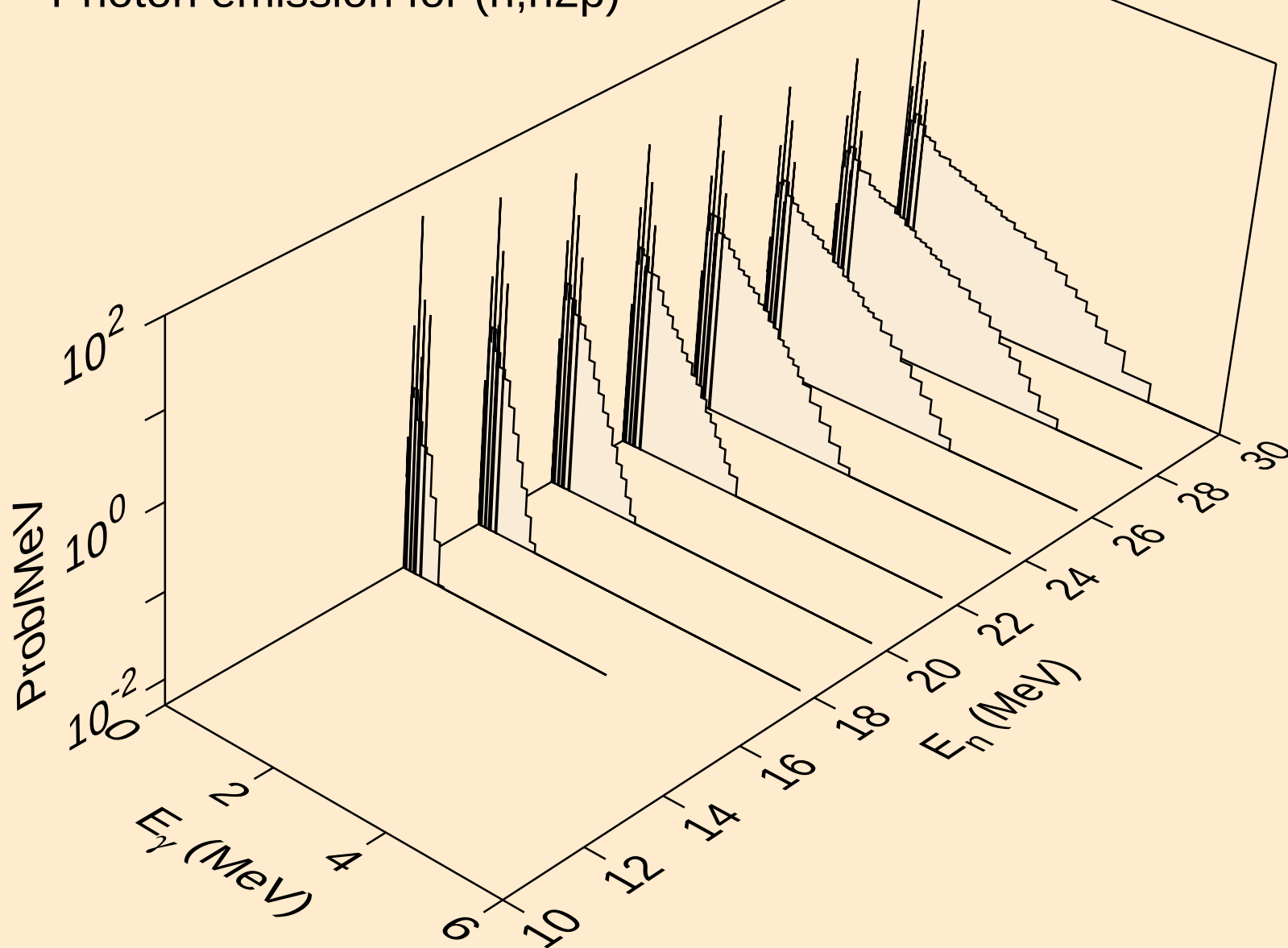
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



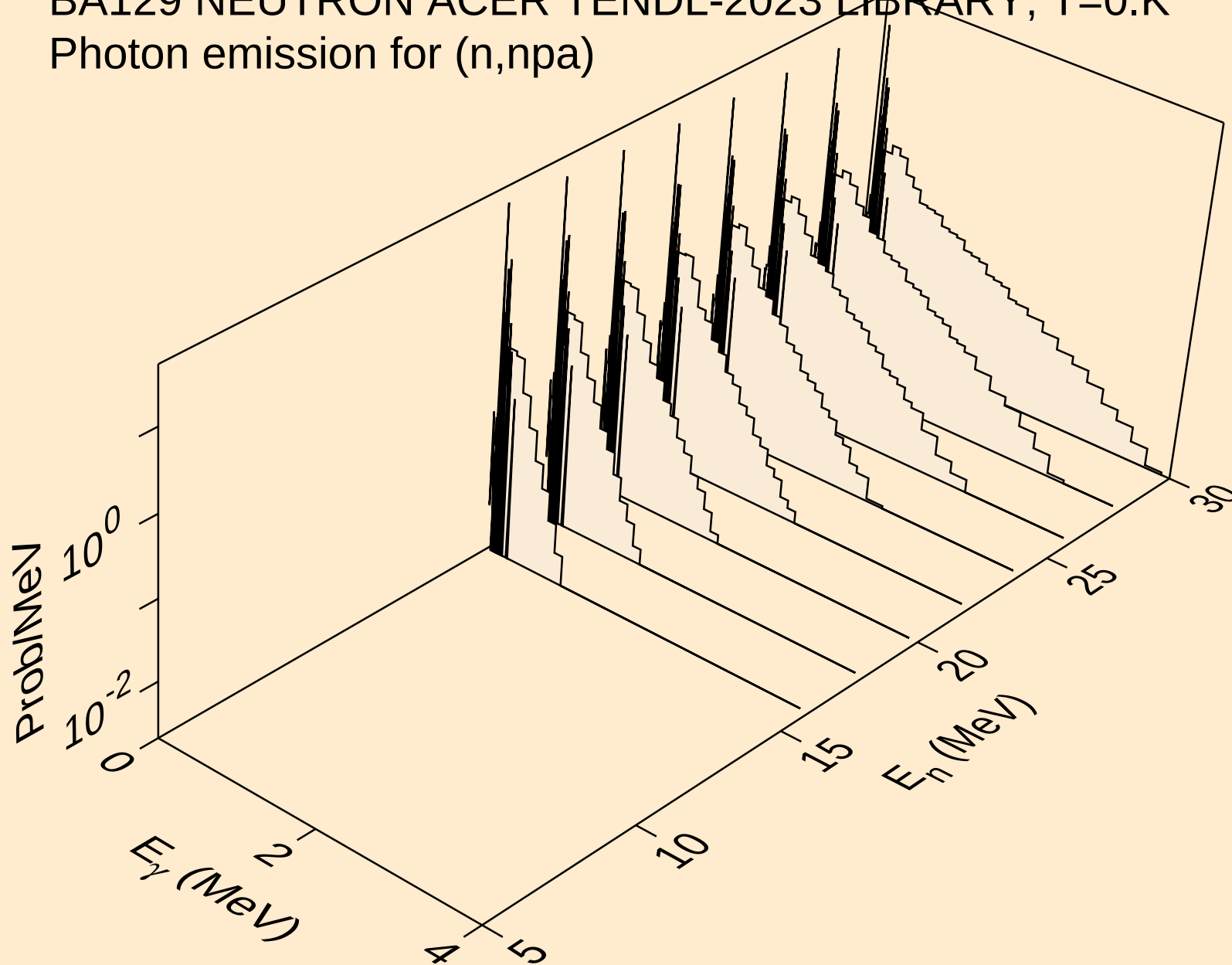
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Photon emission for (n,3np)



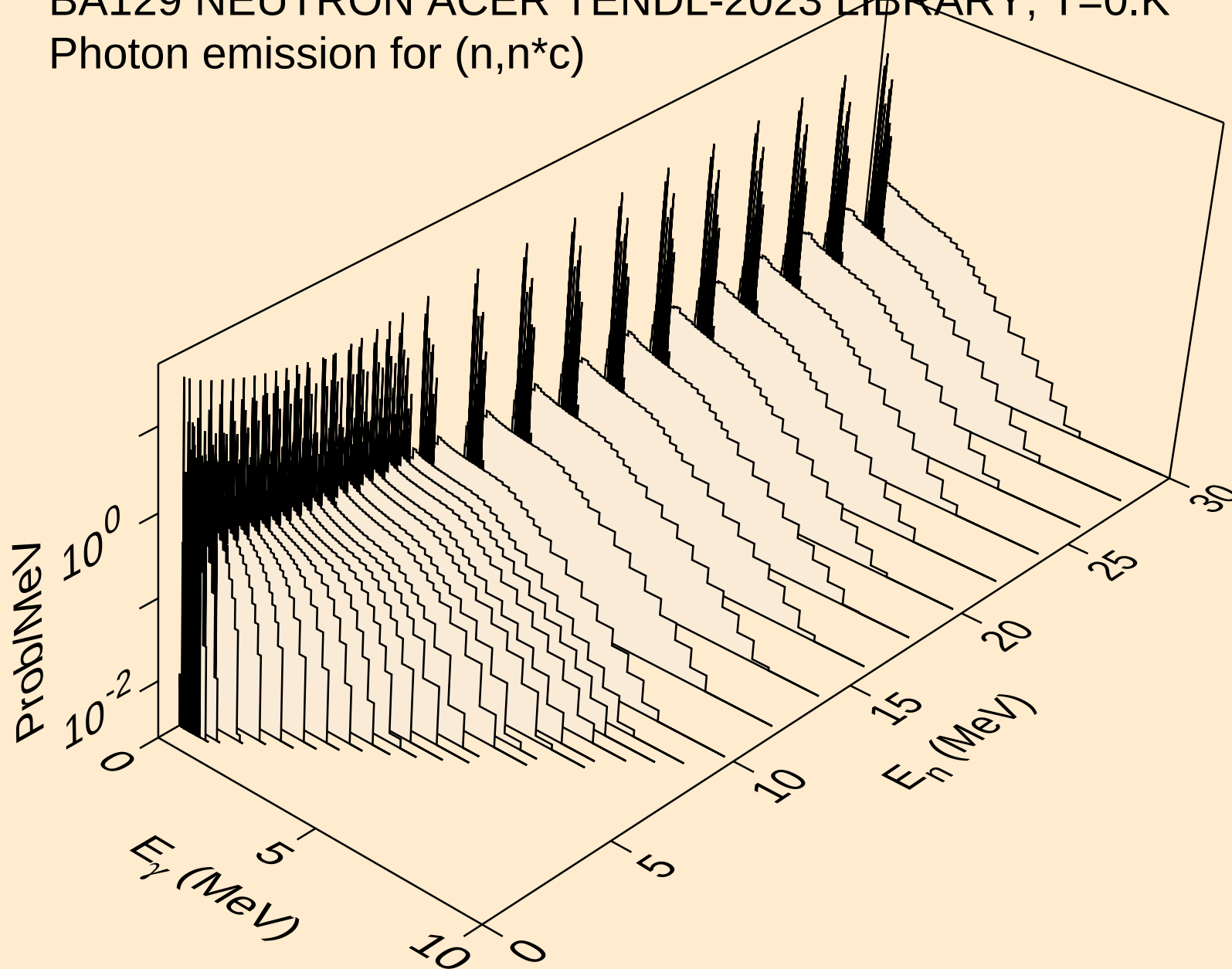
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Photon emission for (n,n2p)



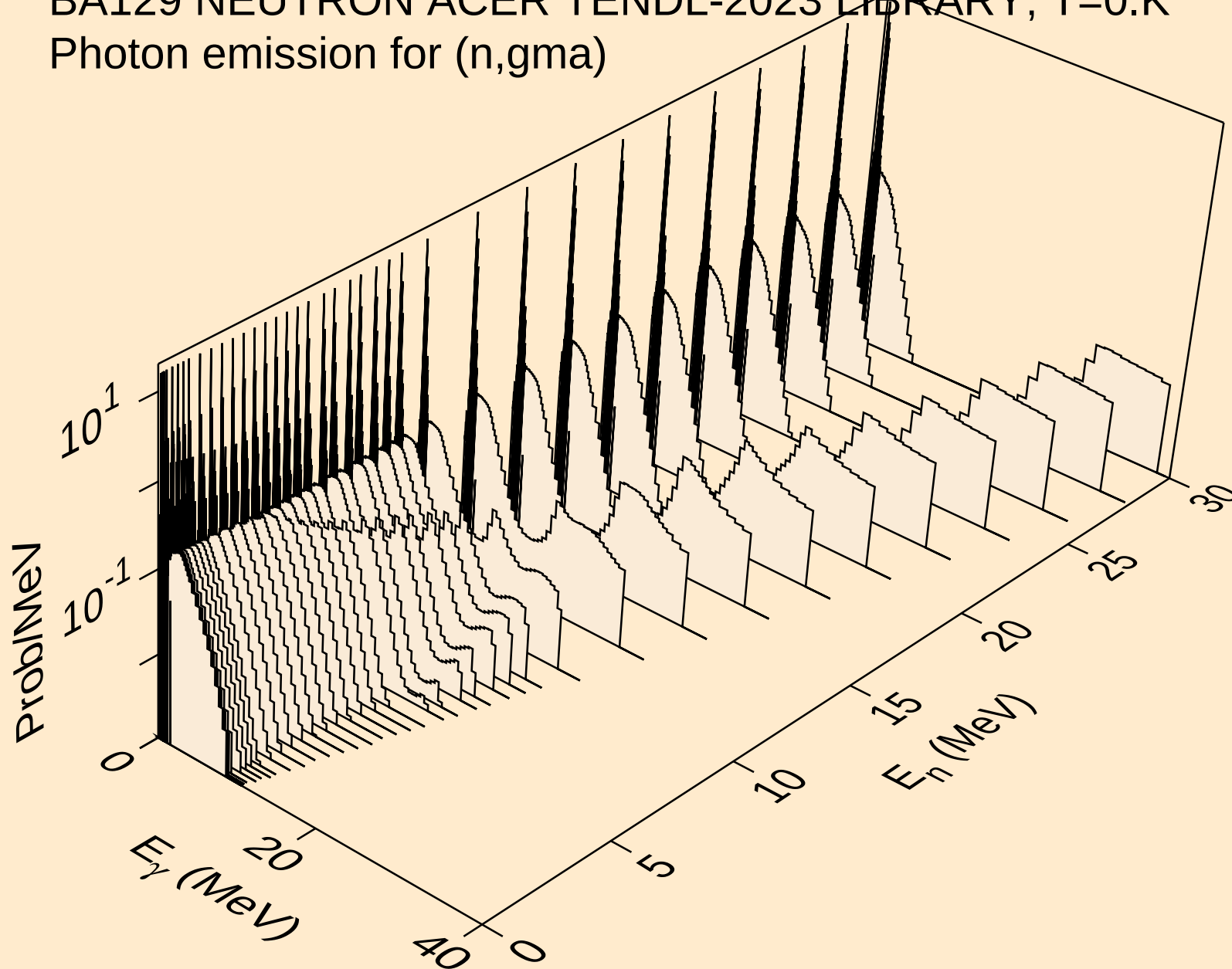
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



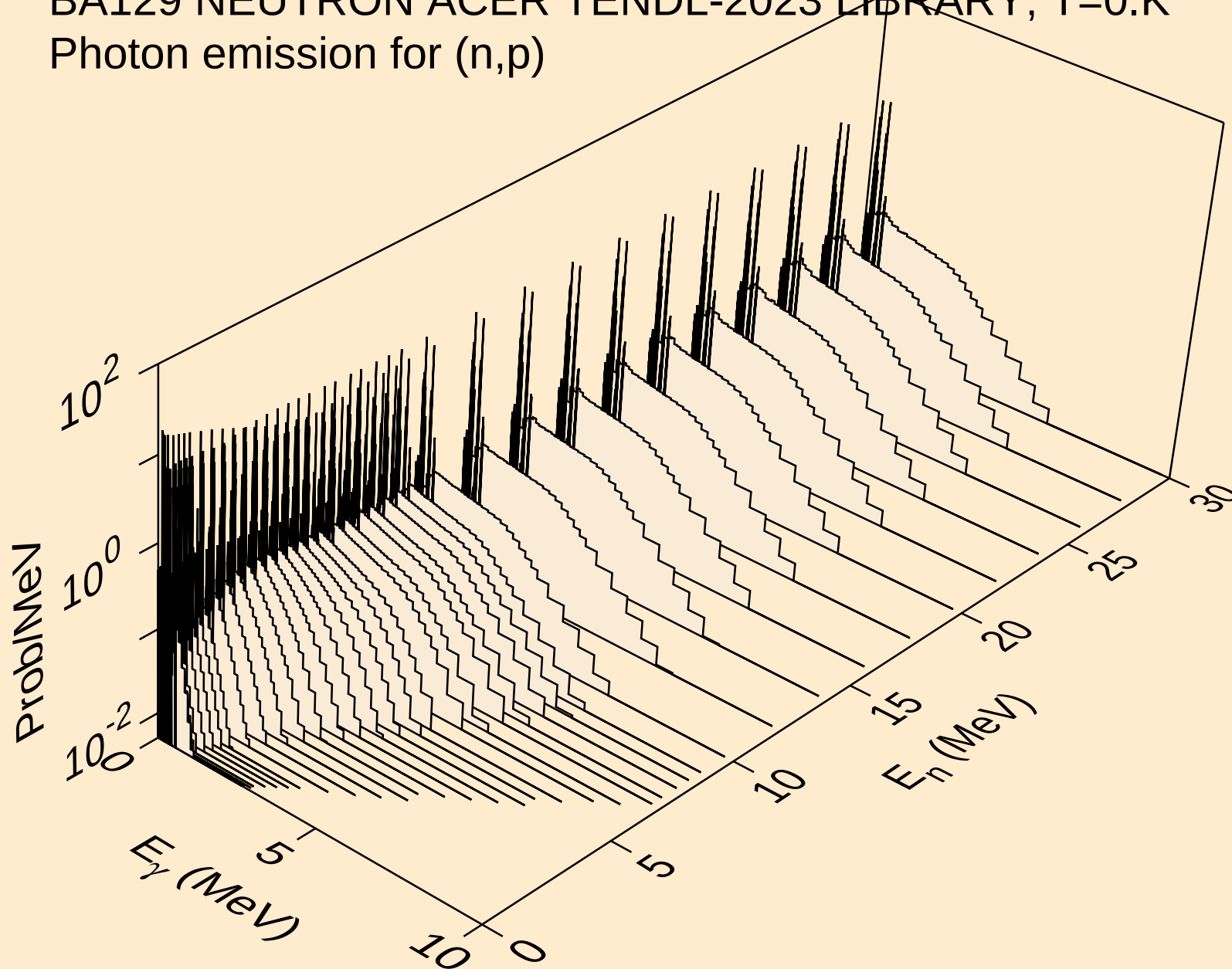
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



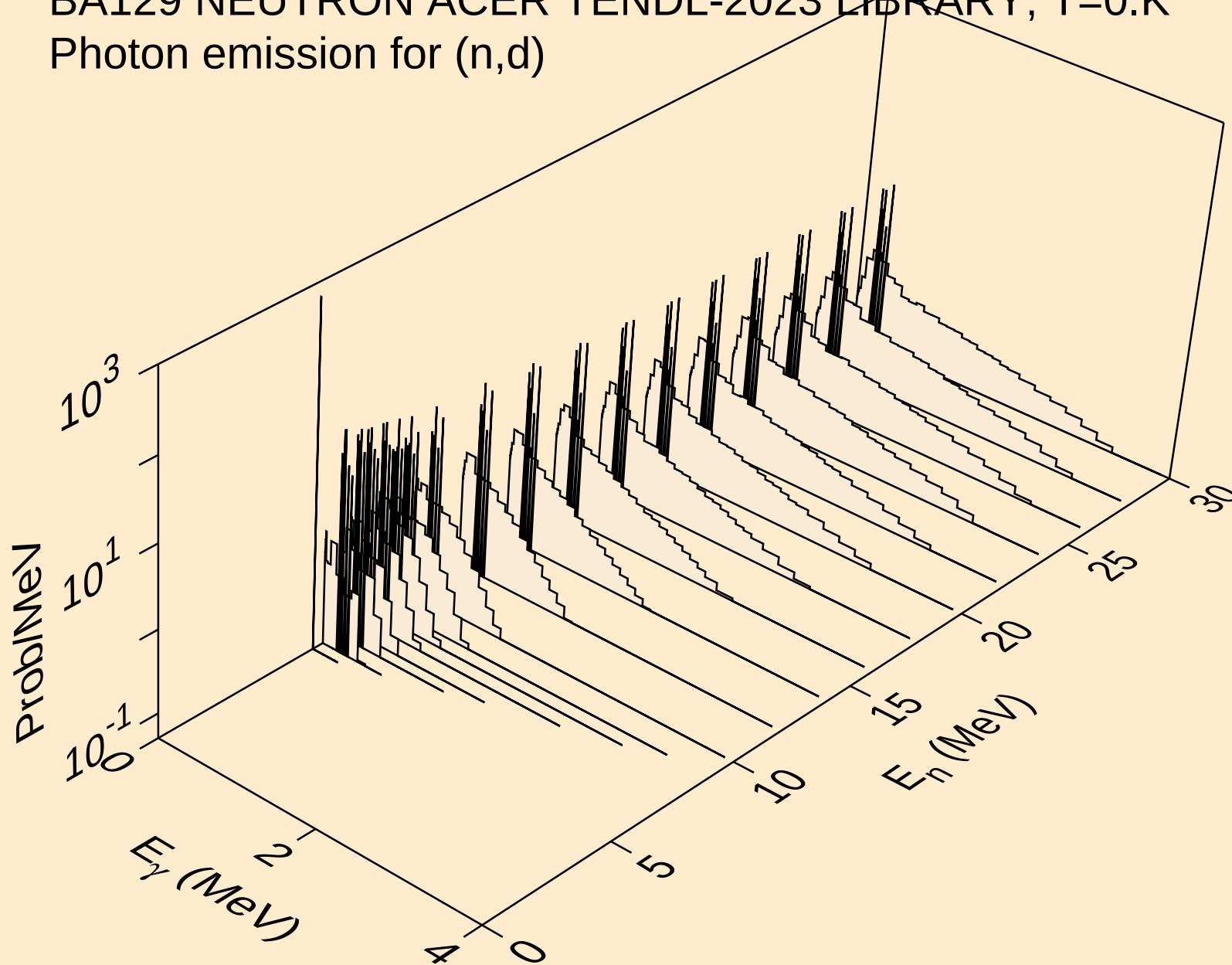
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Photon emission for (n,gma)



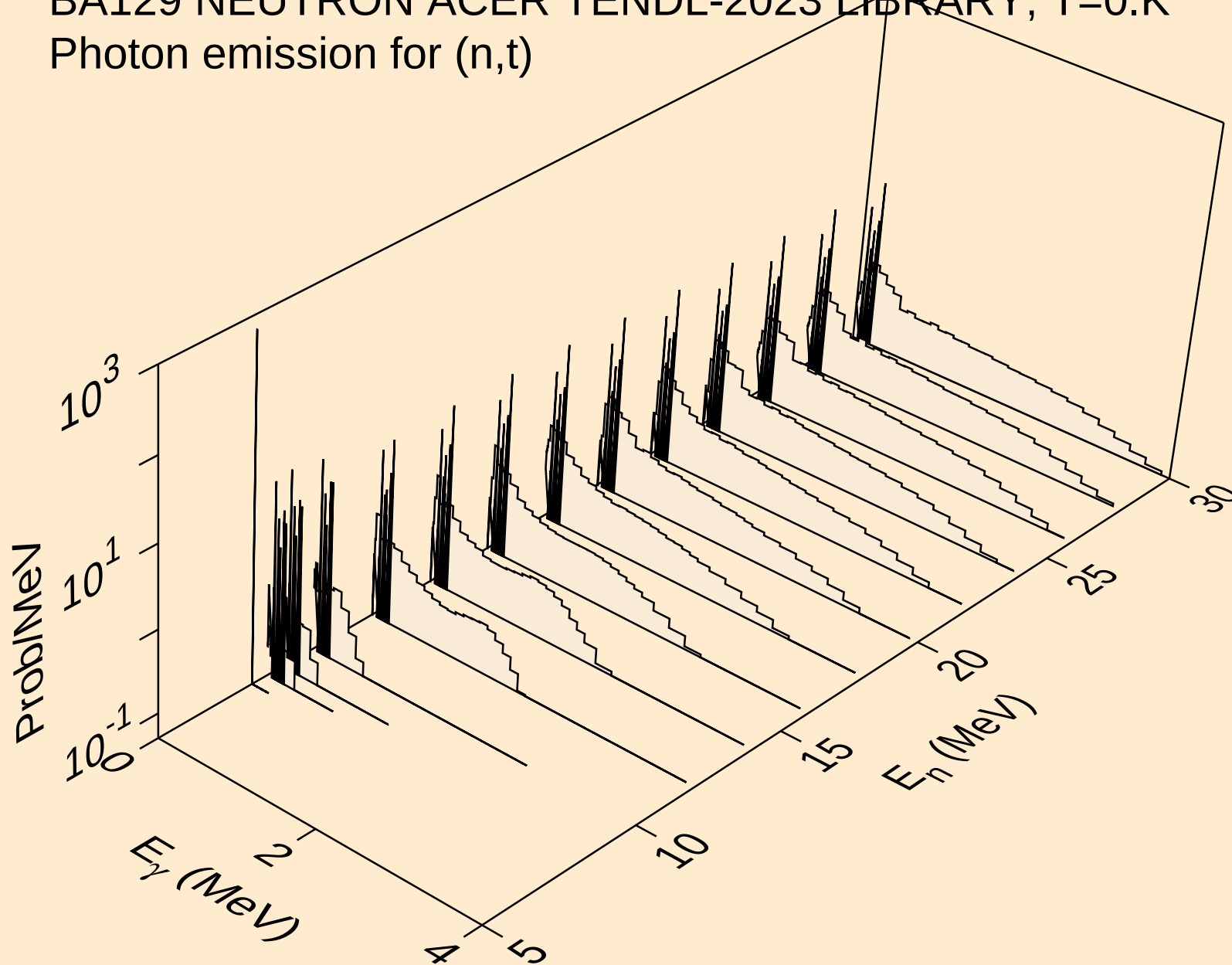
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Photon emission for (n,p)



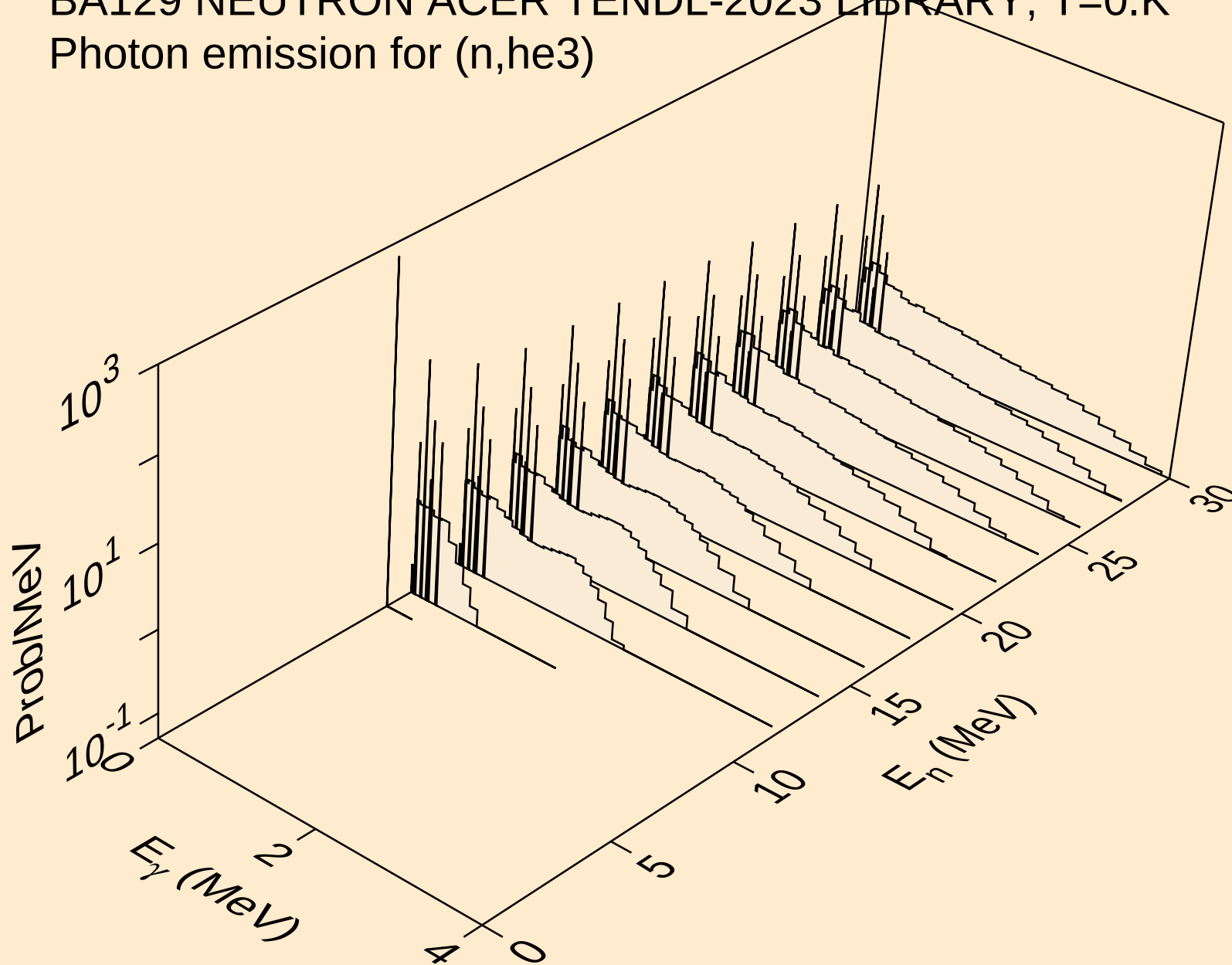
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Photon emission for (n,d)



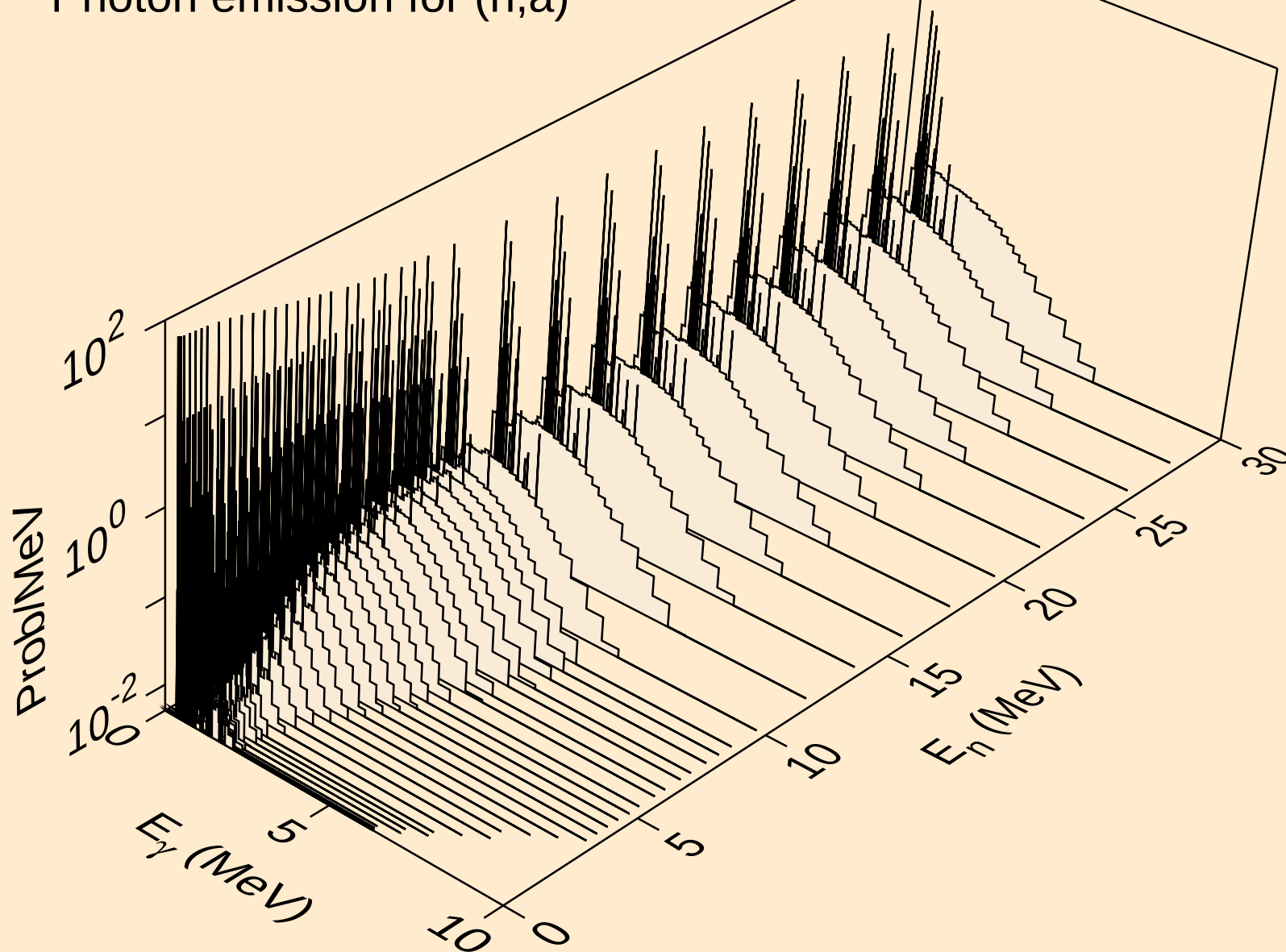
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Photon emission for (n,t)



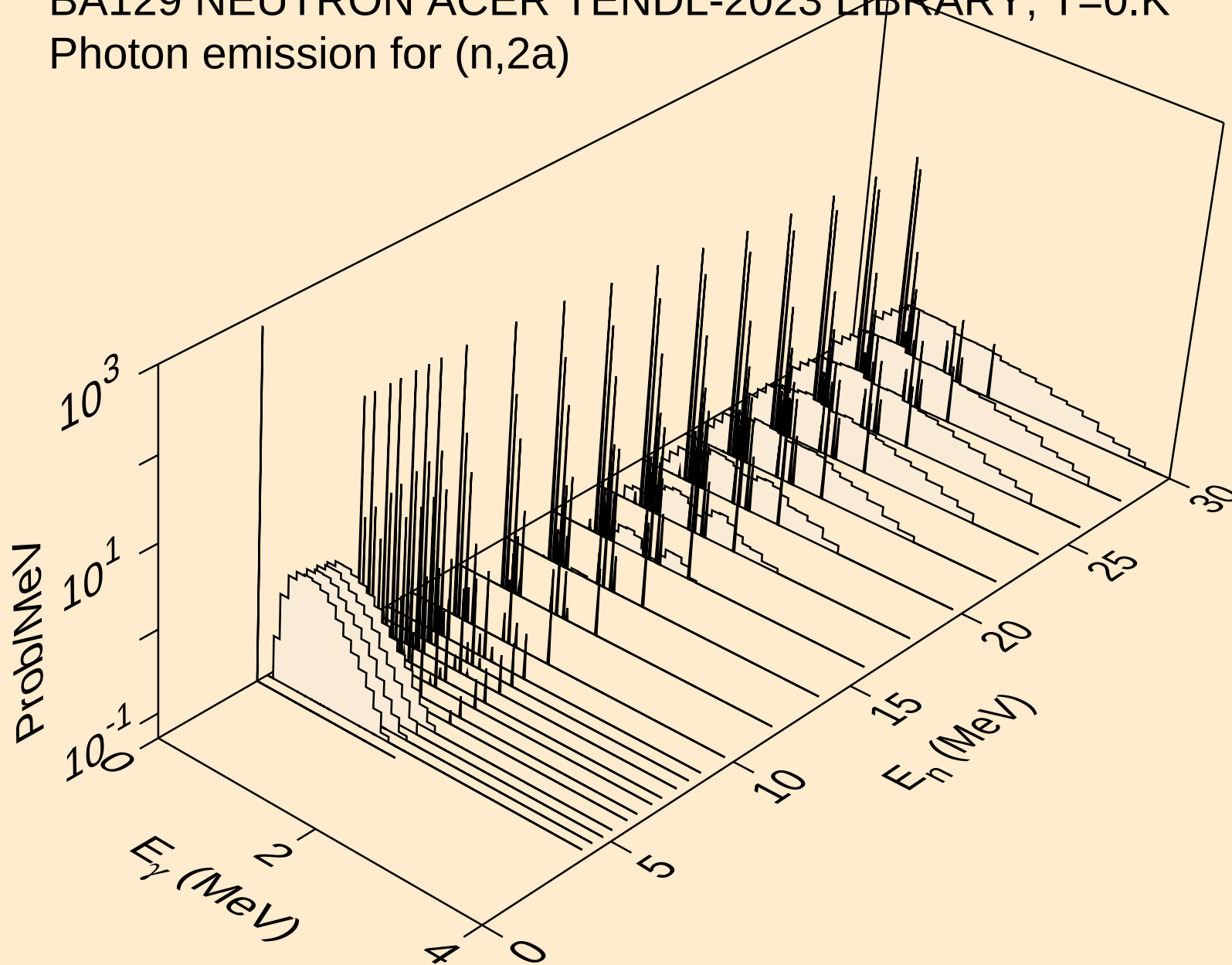
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Photon emission for (n,he3)



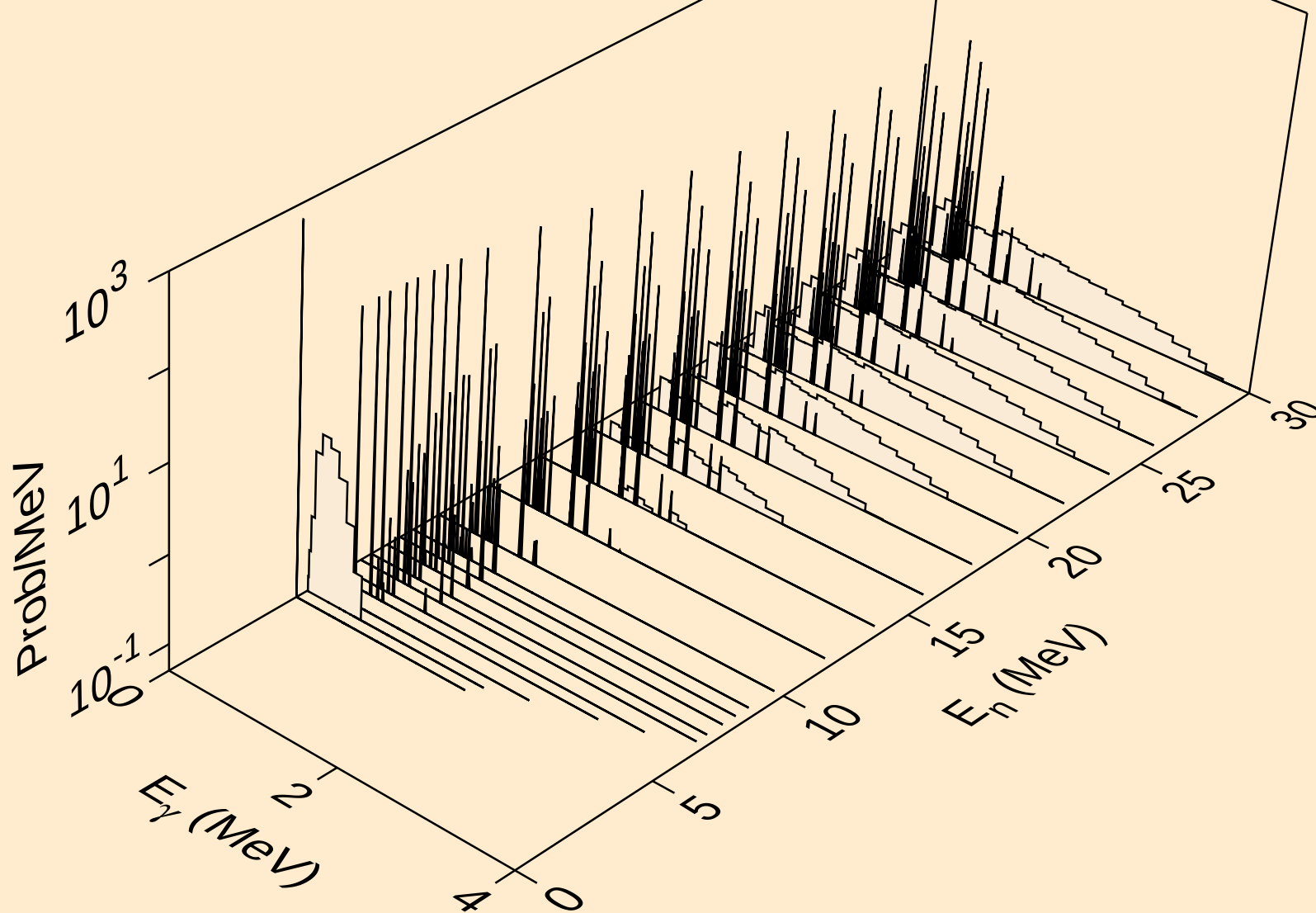
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Photon emission for (n,a)



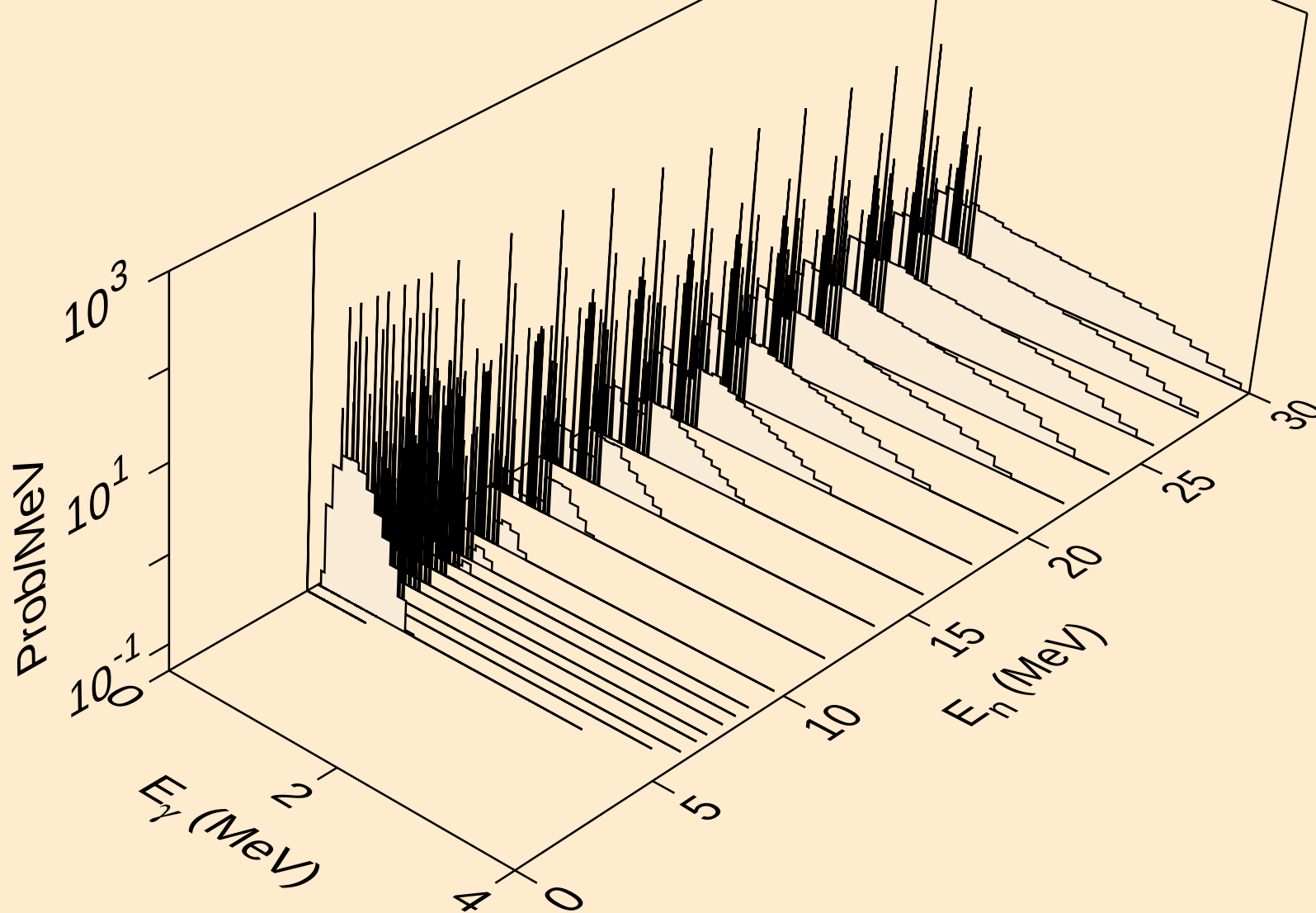
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Photon emission for (n,2a)



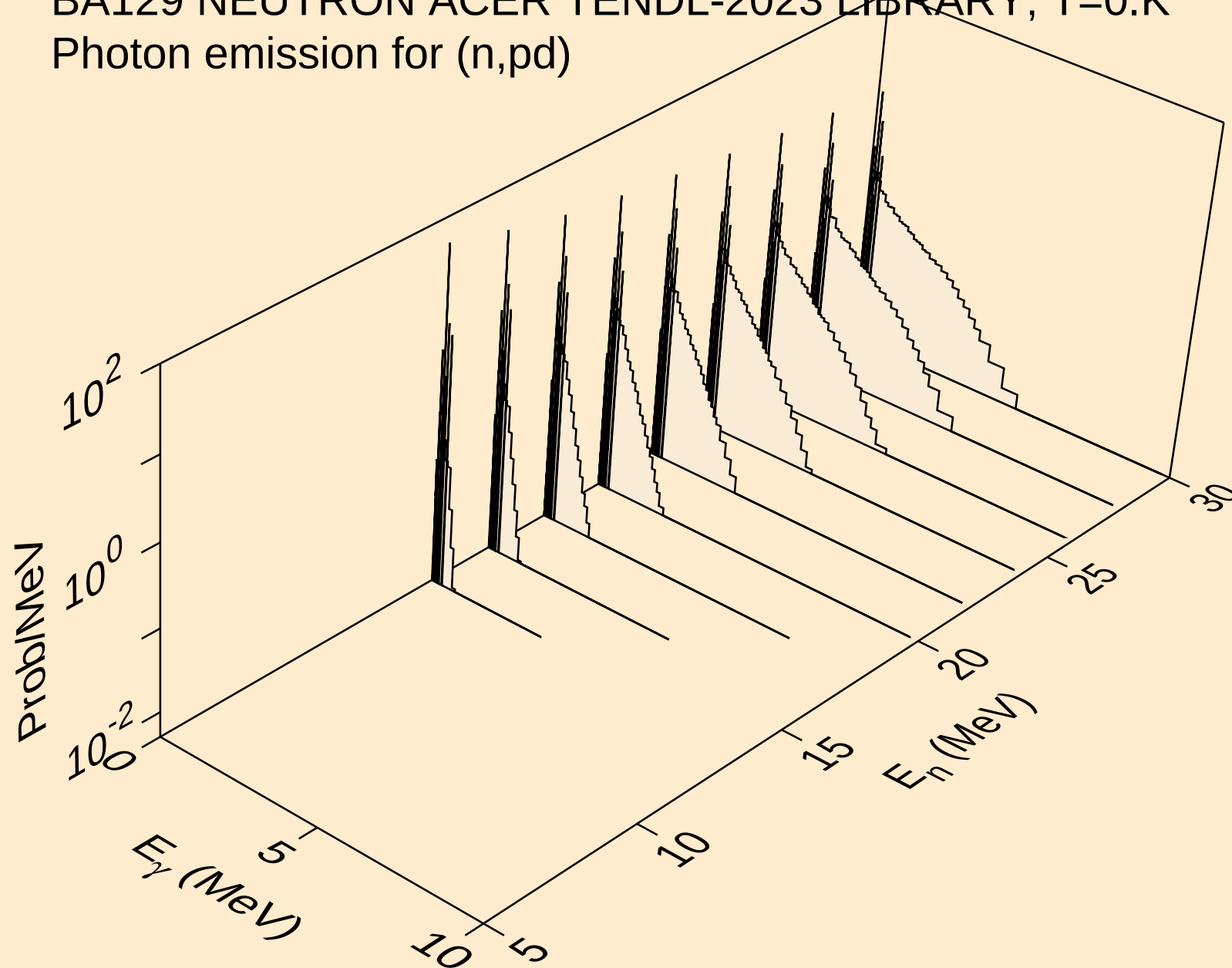
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

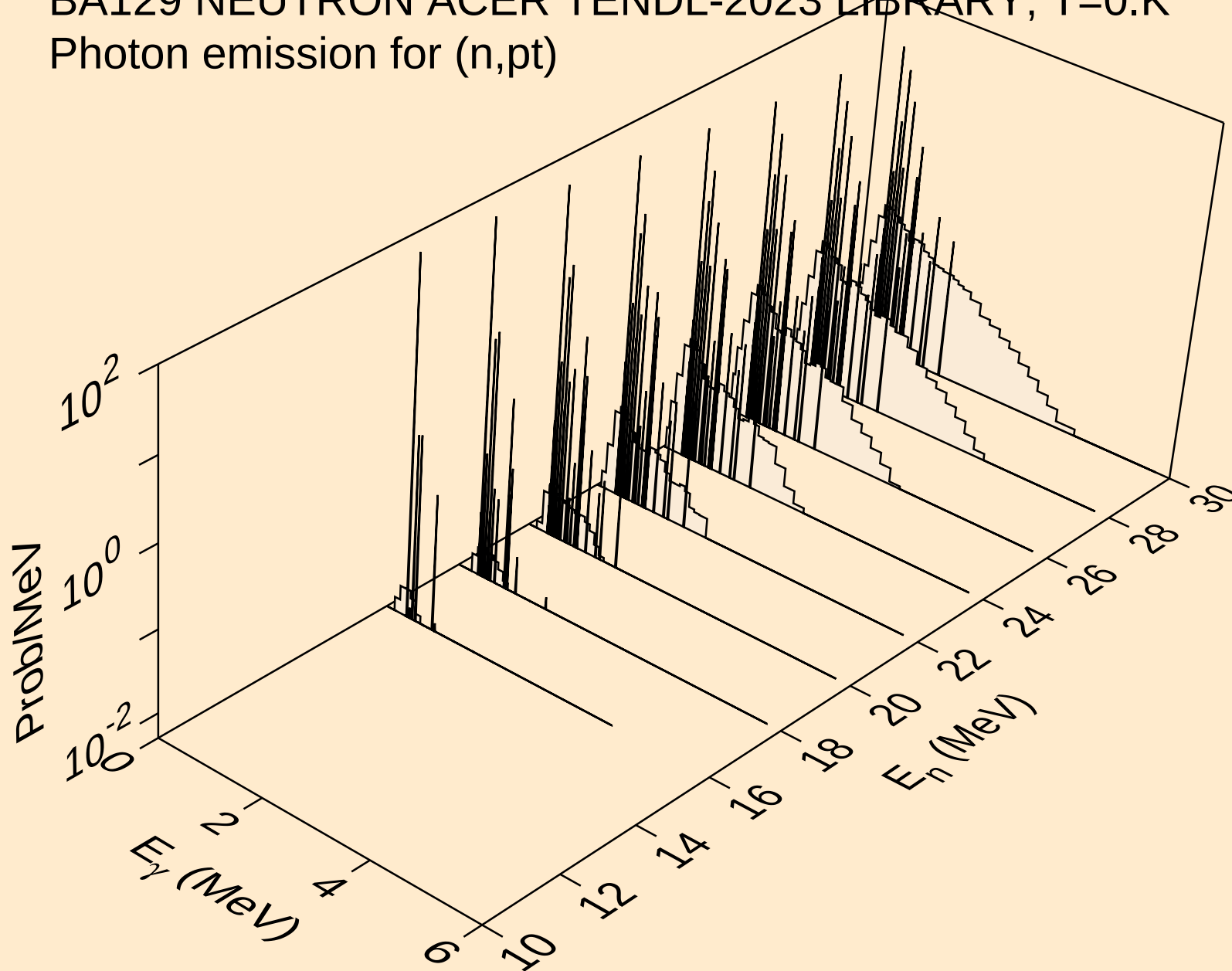


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

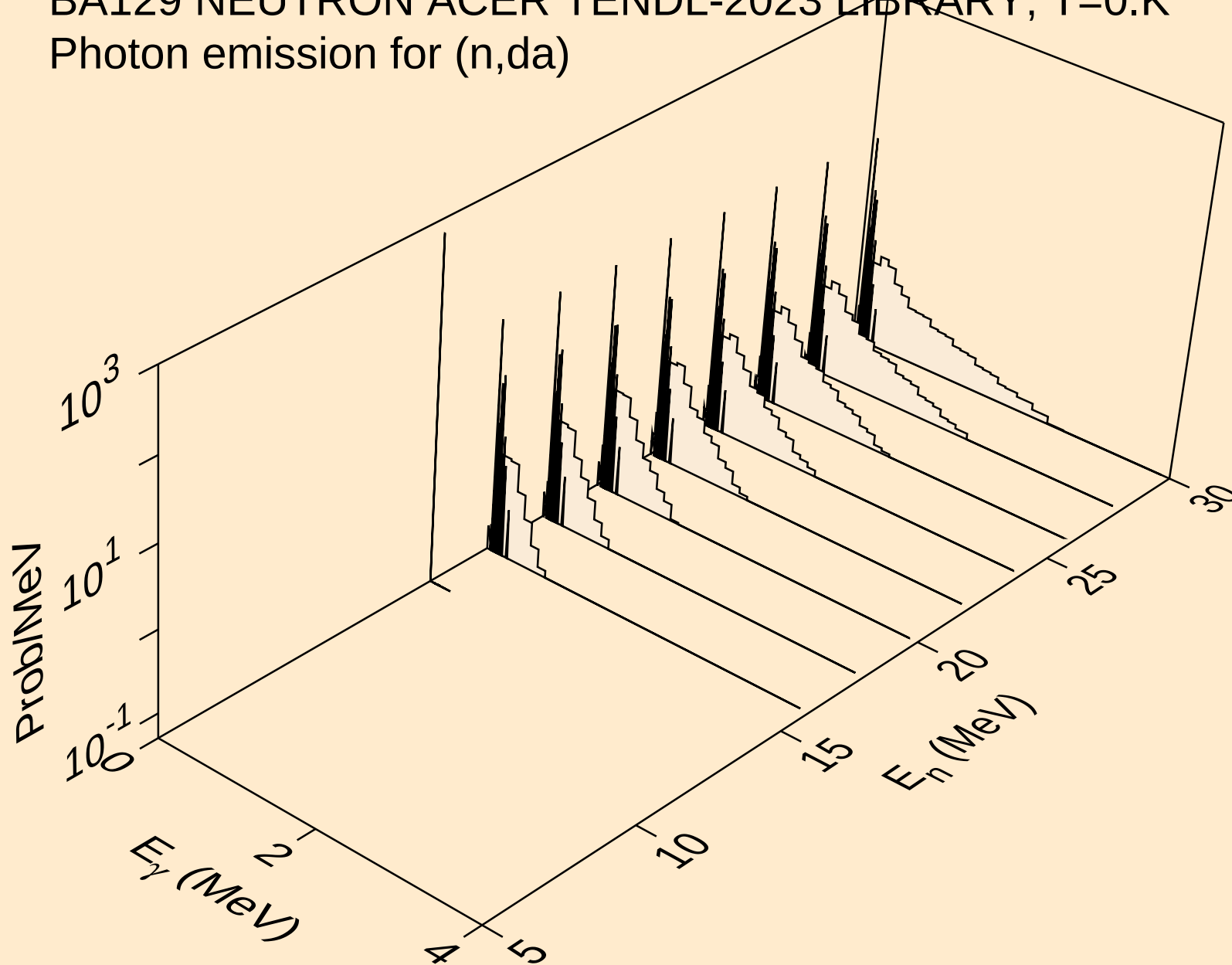


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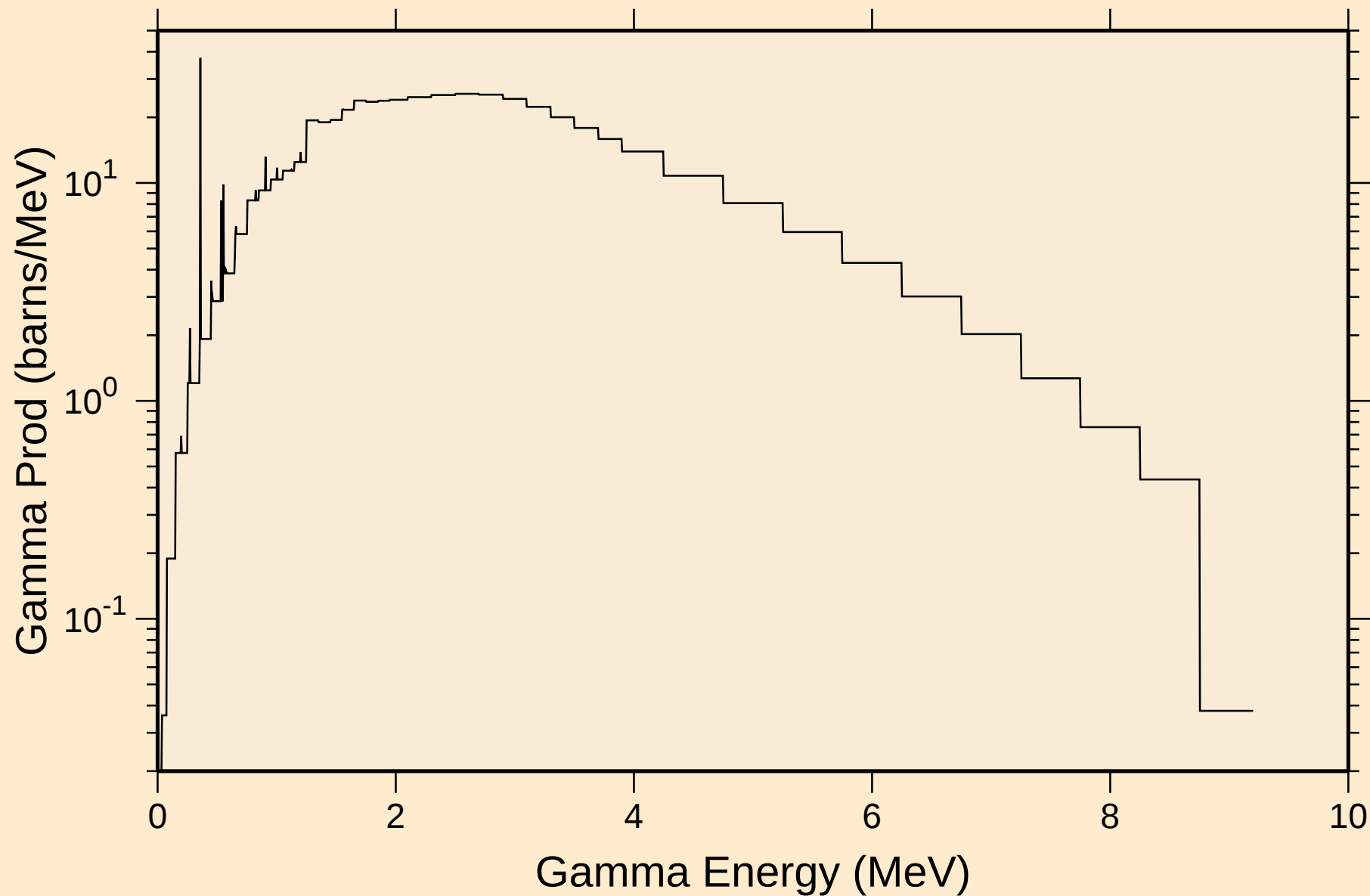
Photon emission for (n,pt)



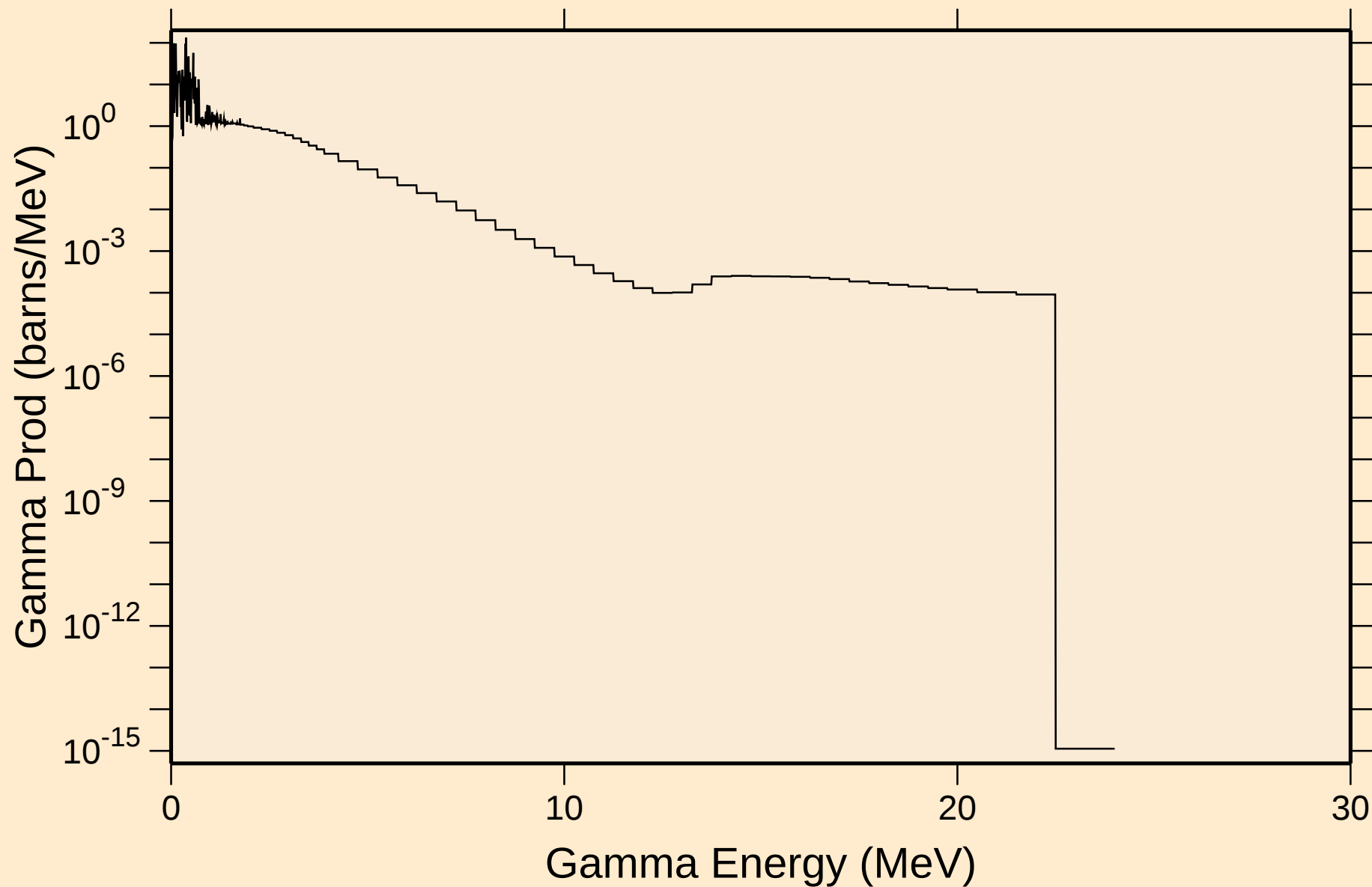
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



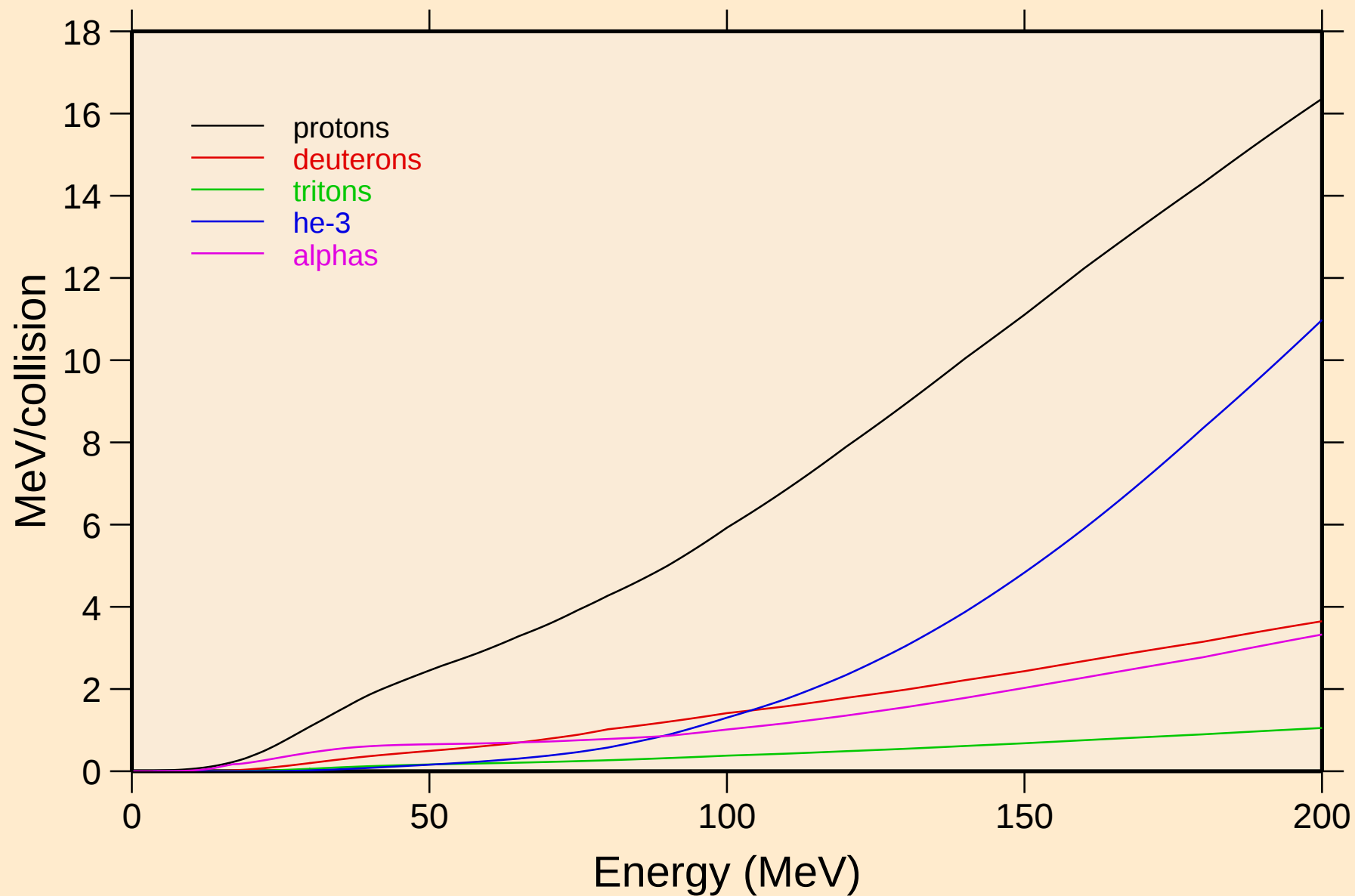
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



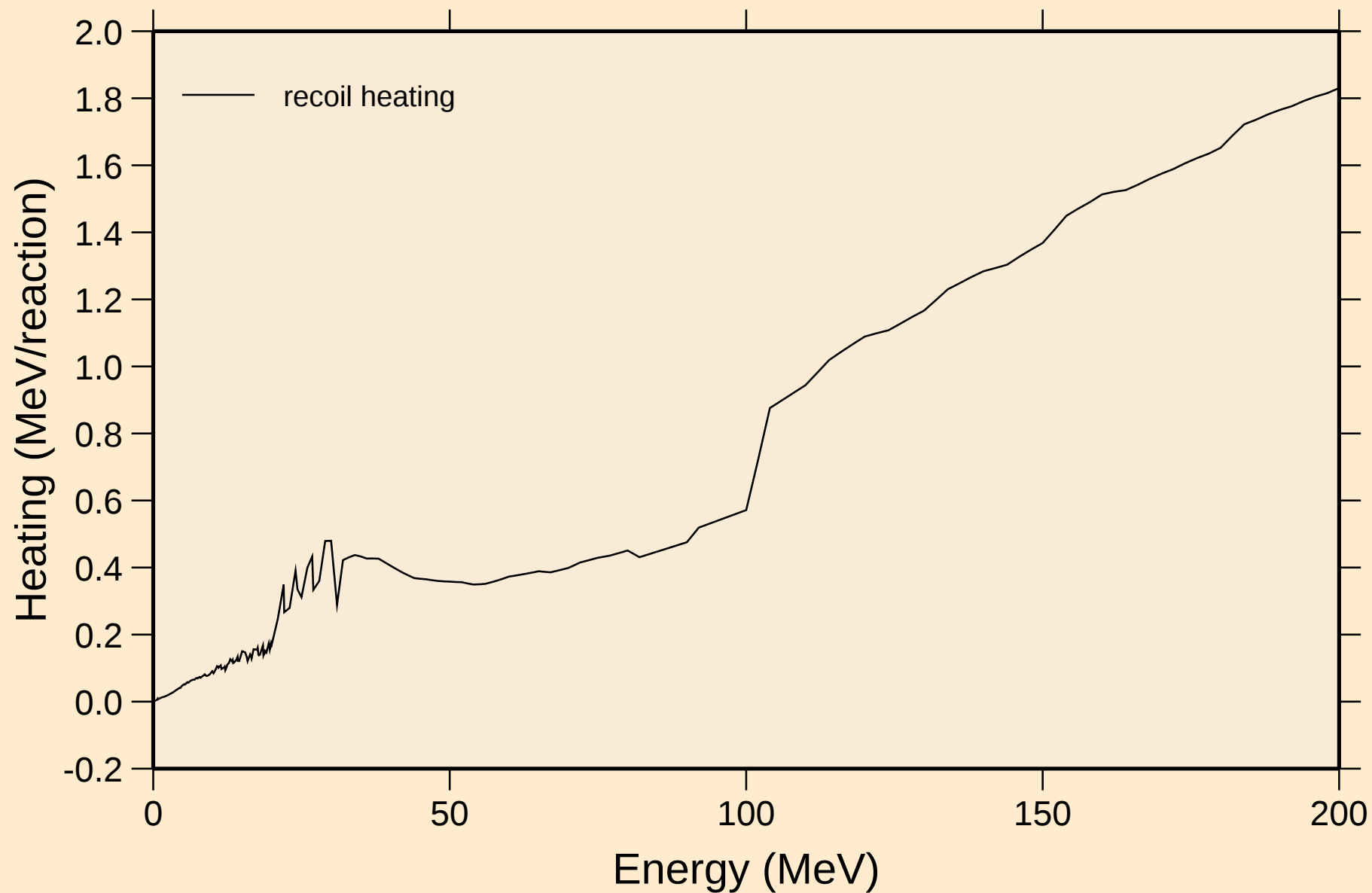
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

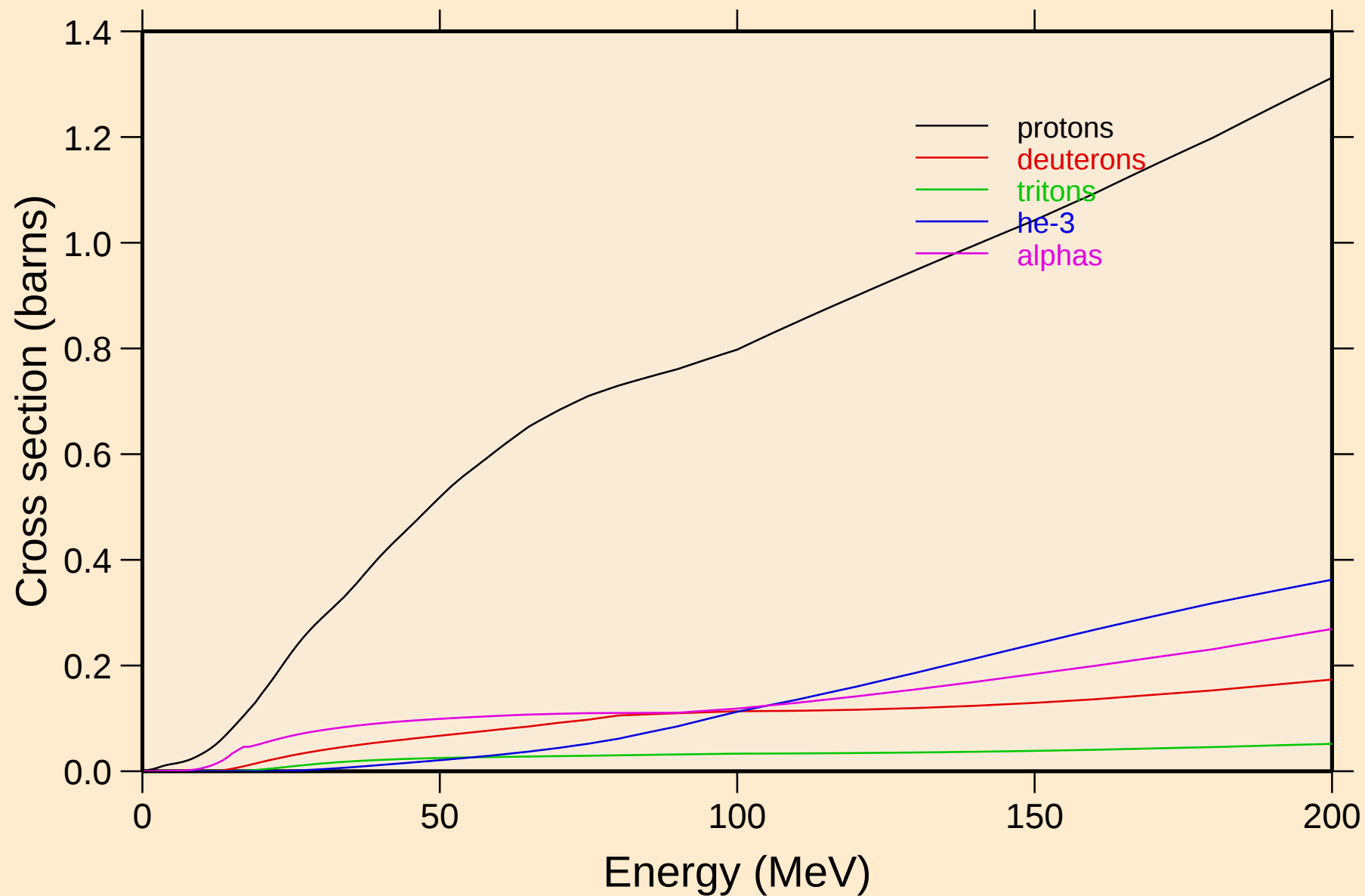


BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

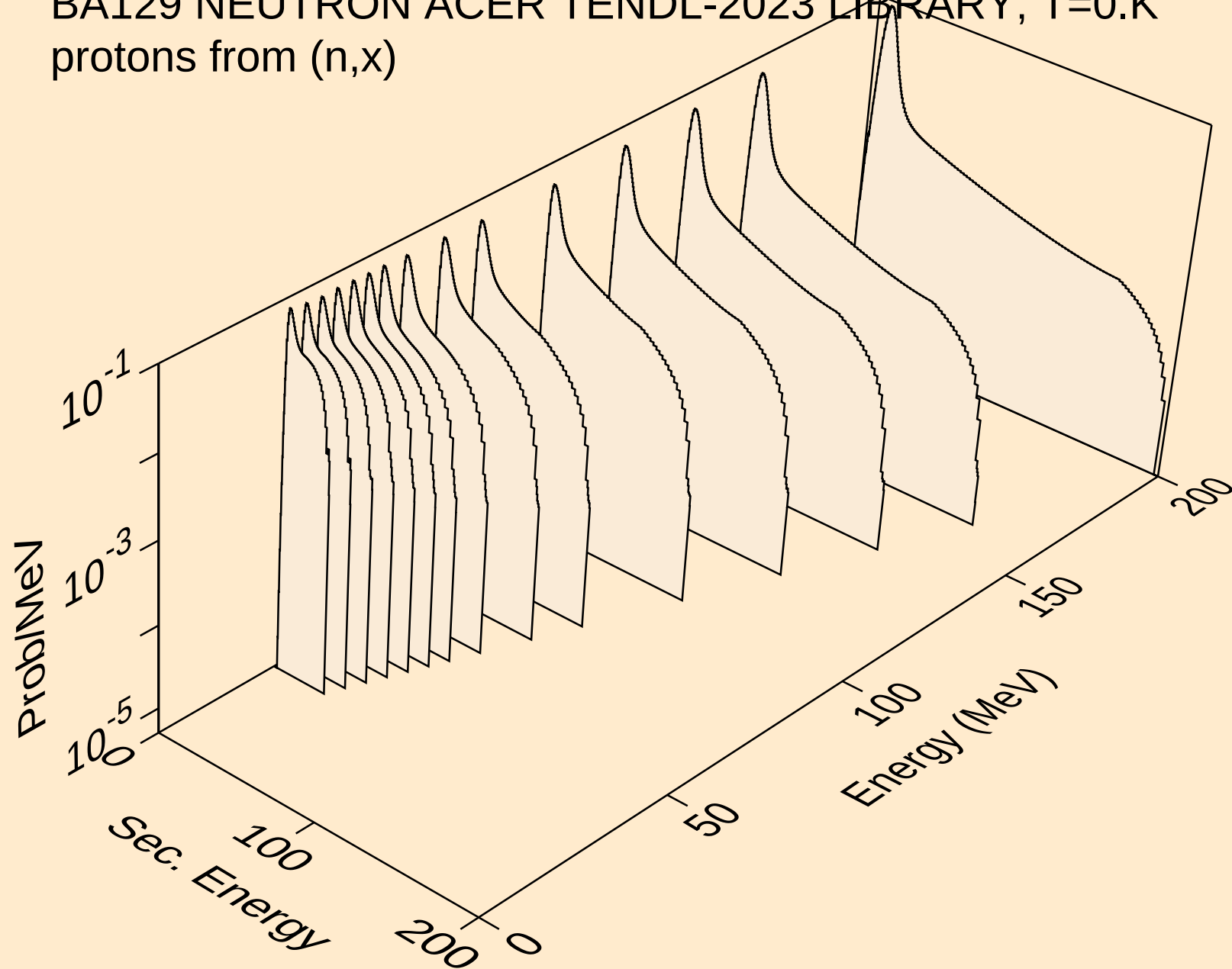


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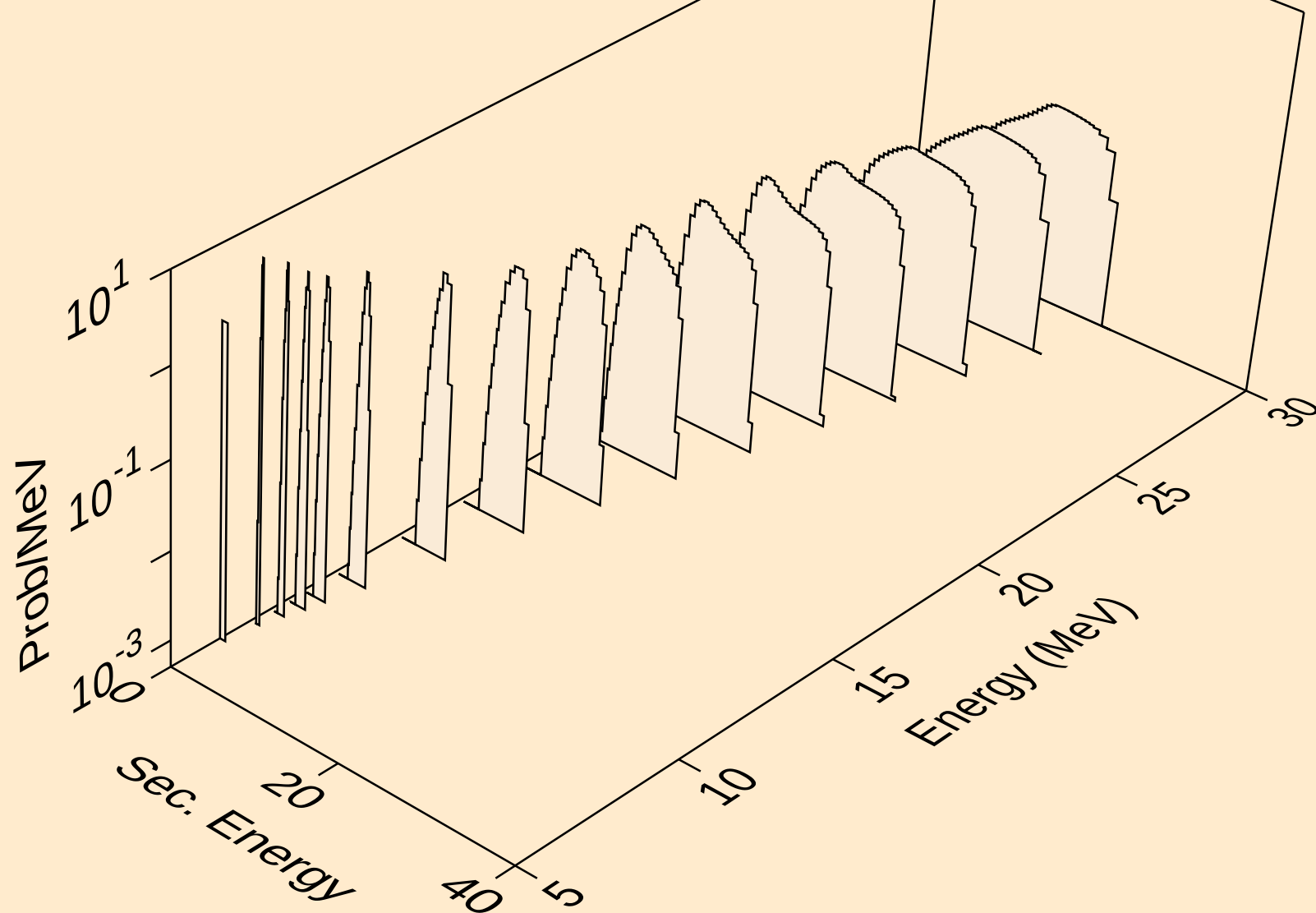
## Particle production cross sections



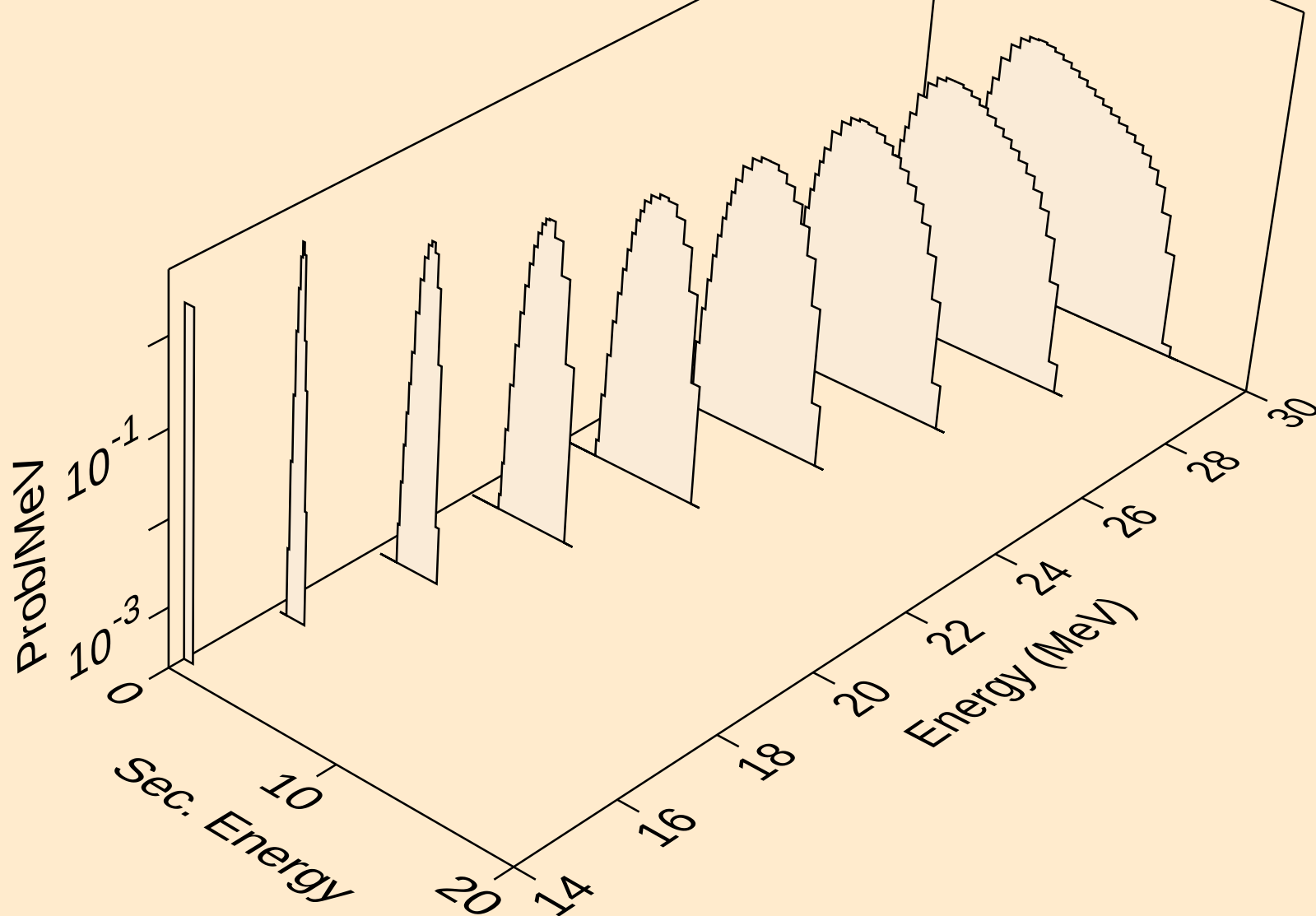
BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



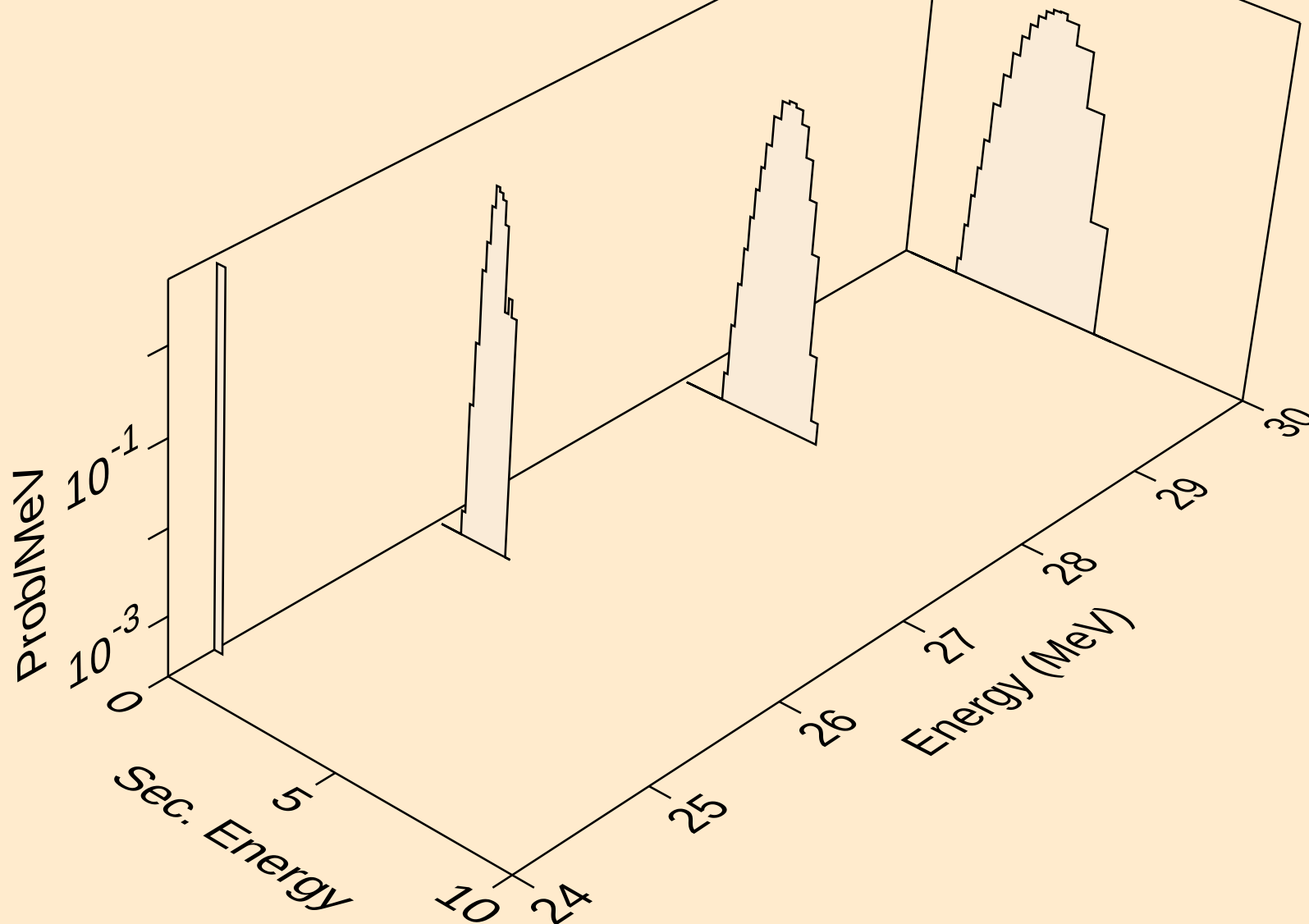
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protons from (n,n\*)p



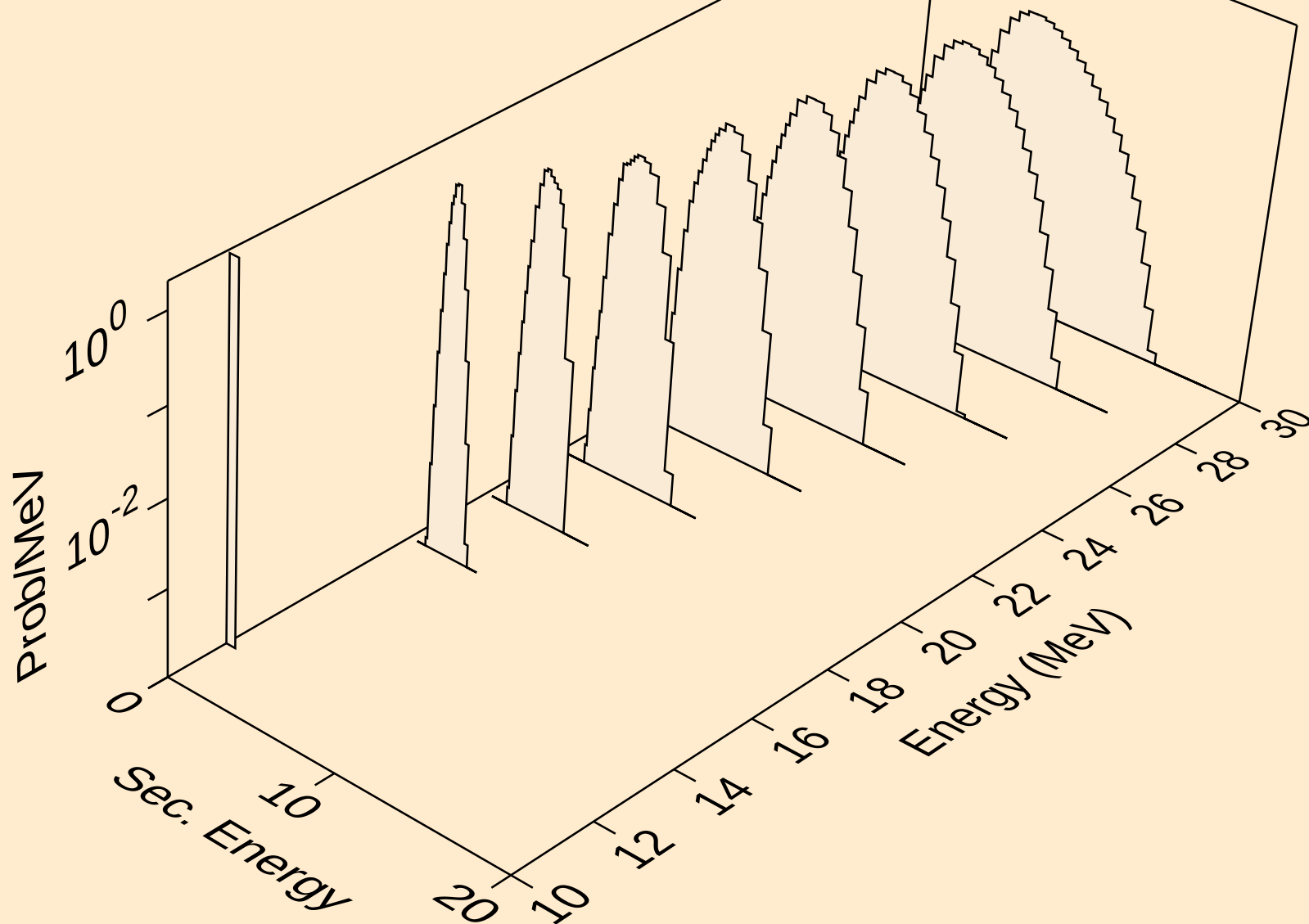
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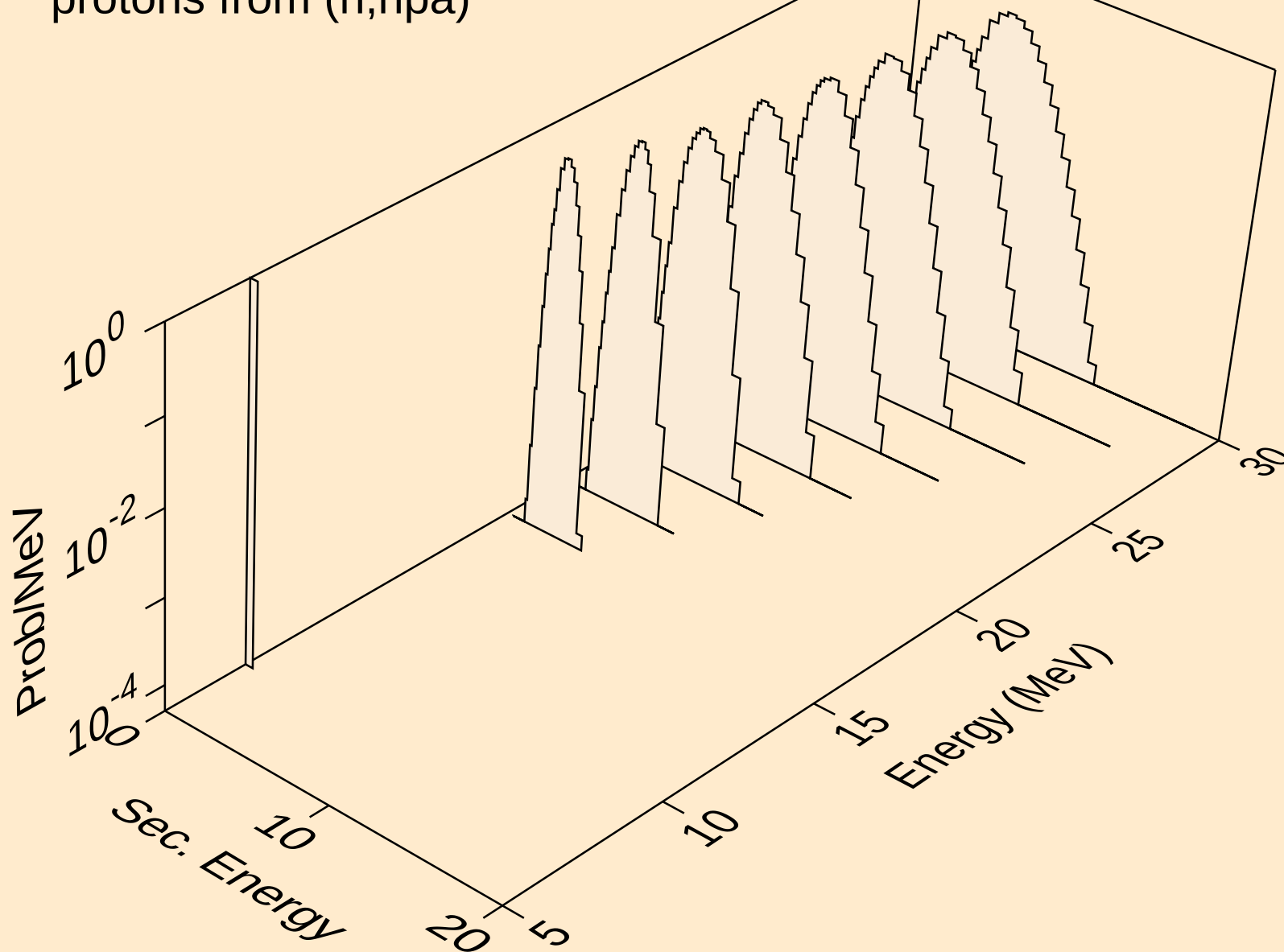
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protons from (n,3np)



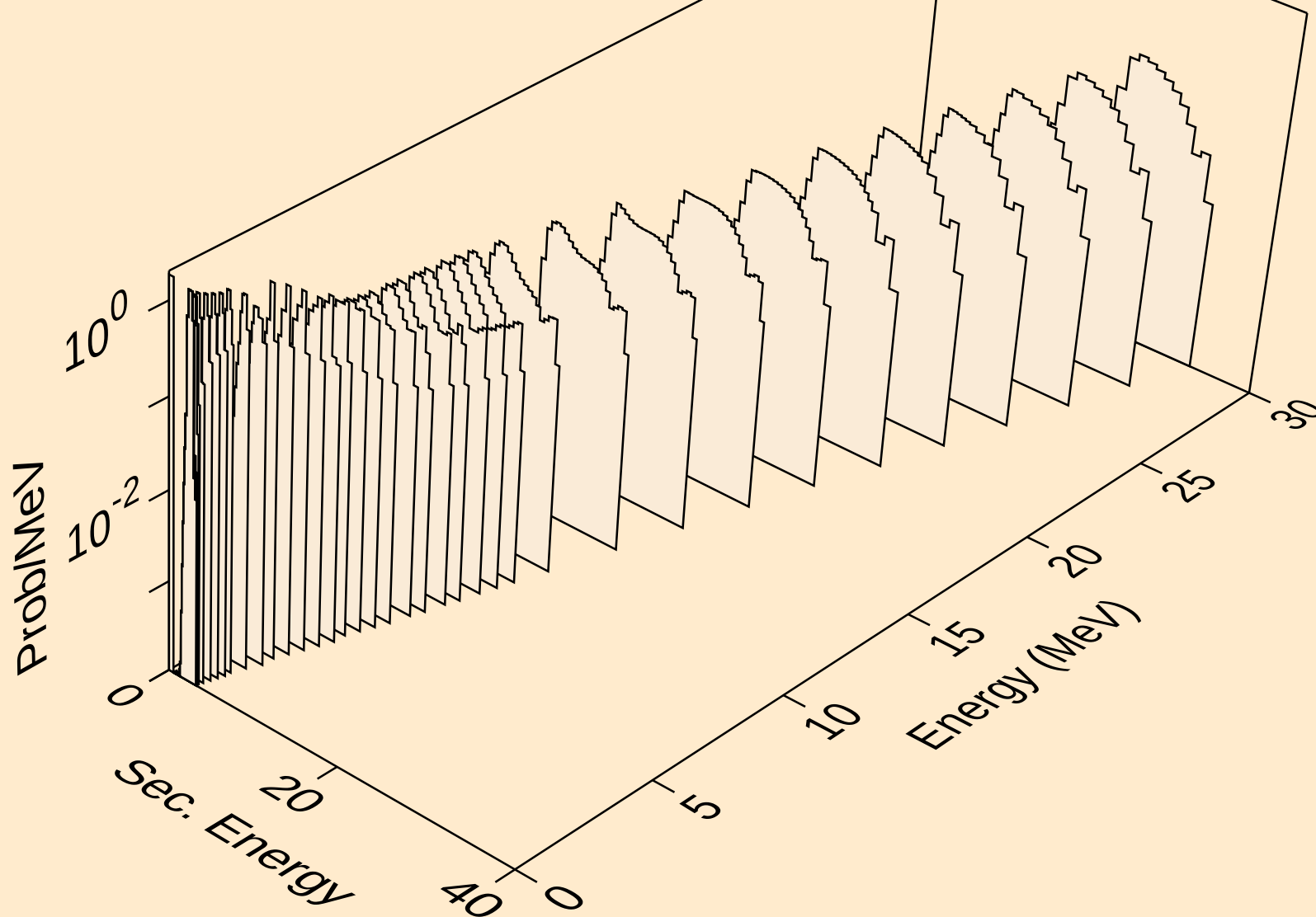
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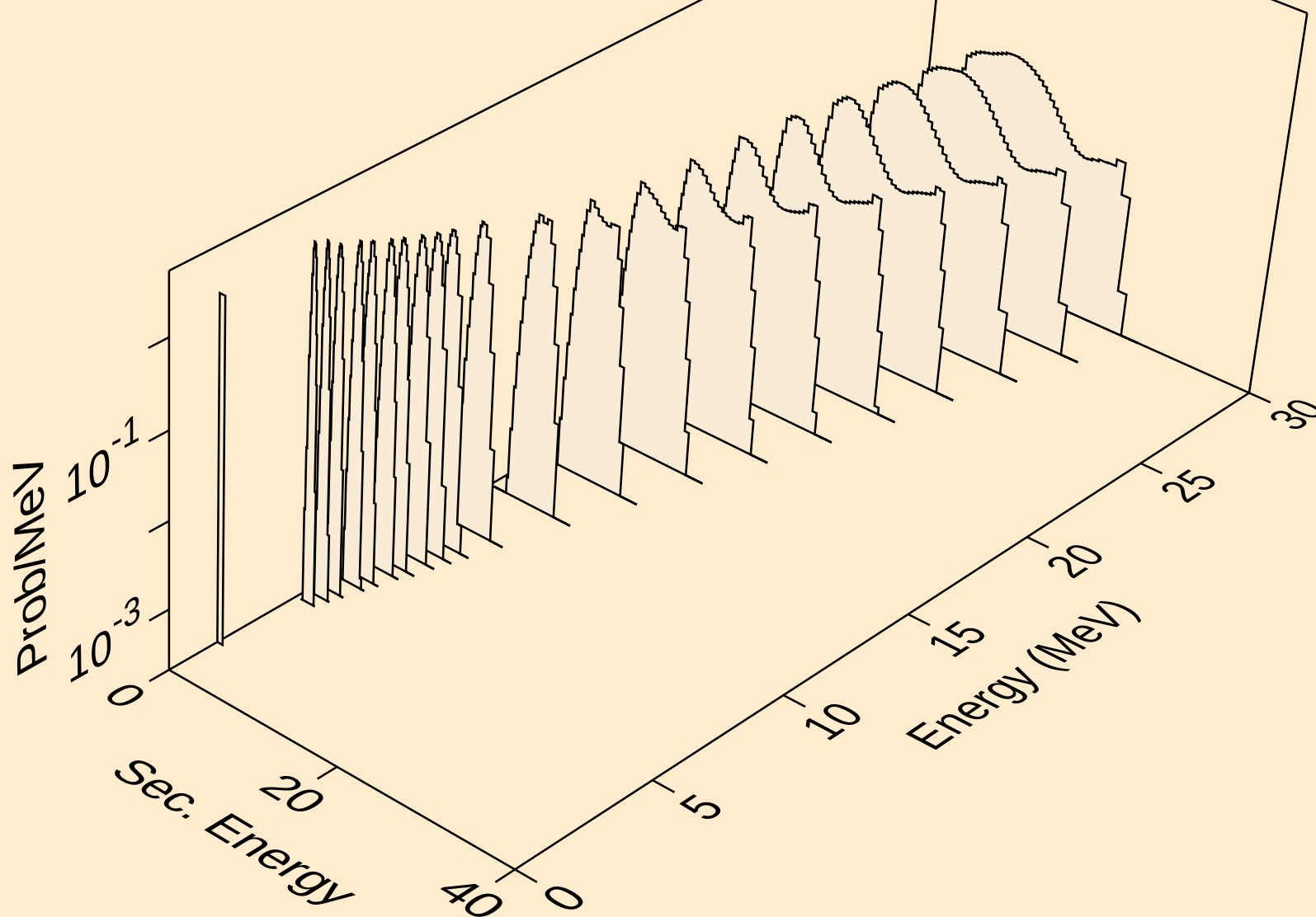
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protons from (n,npa)



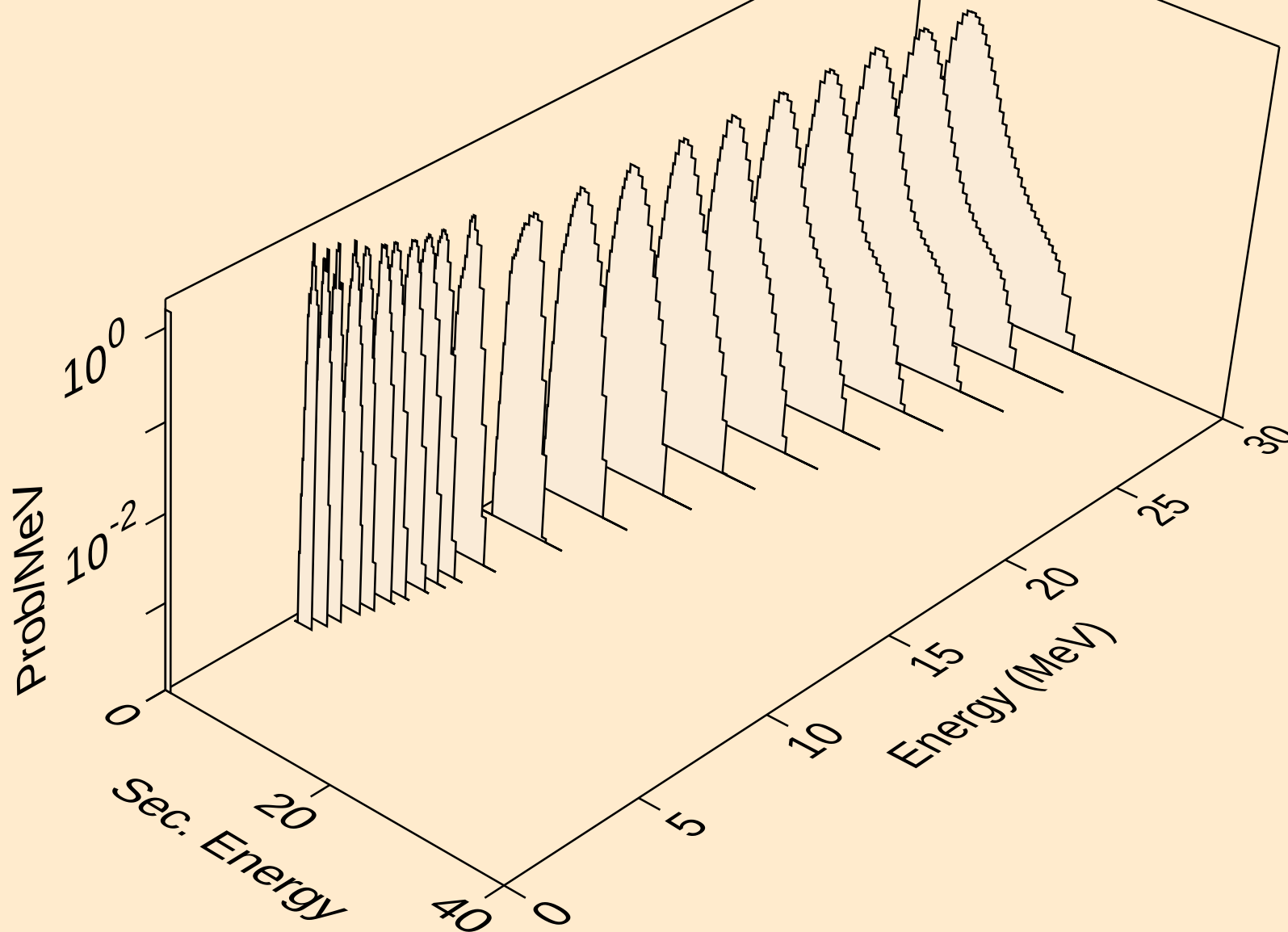
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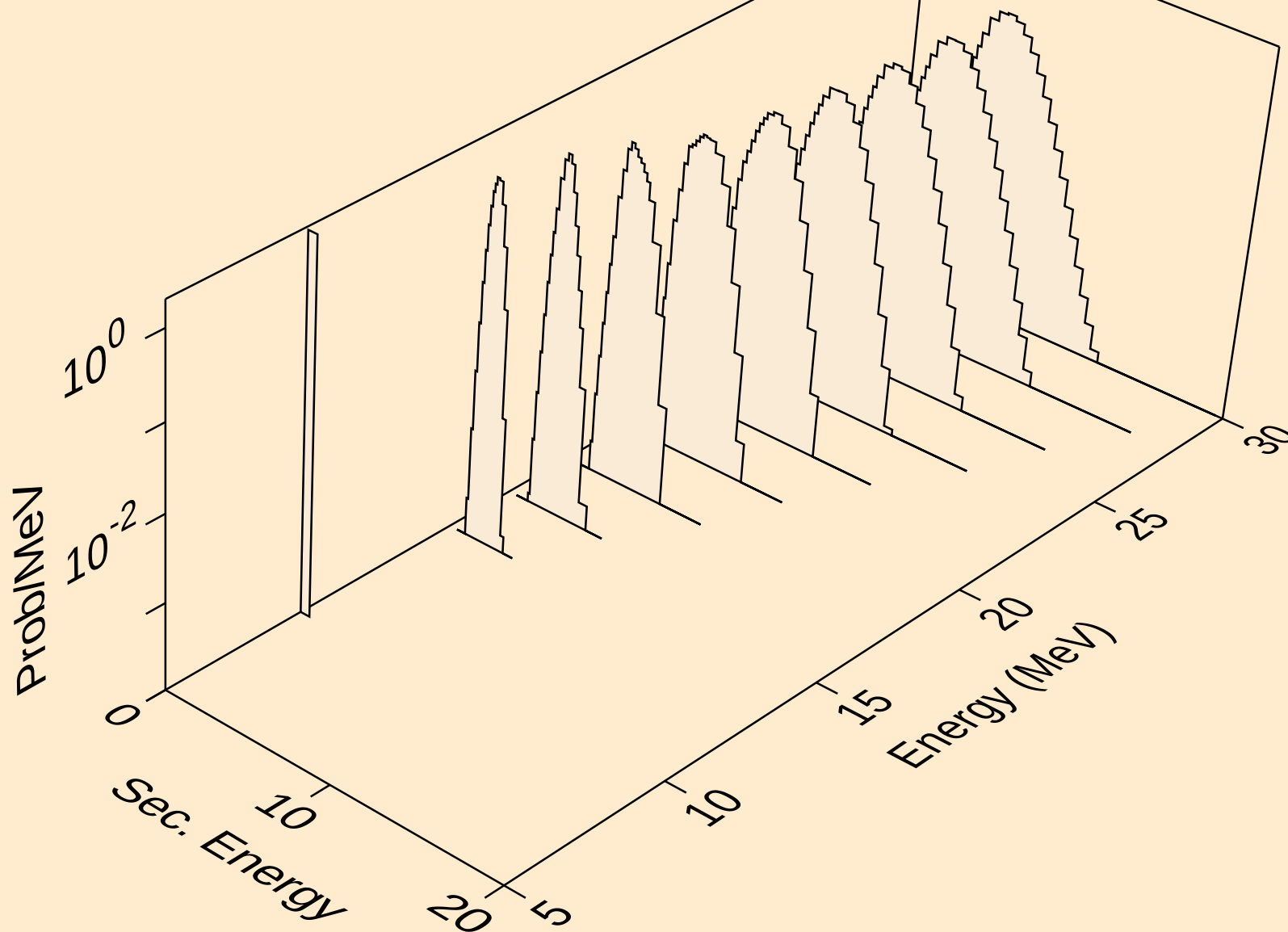
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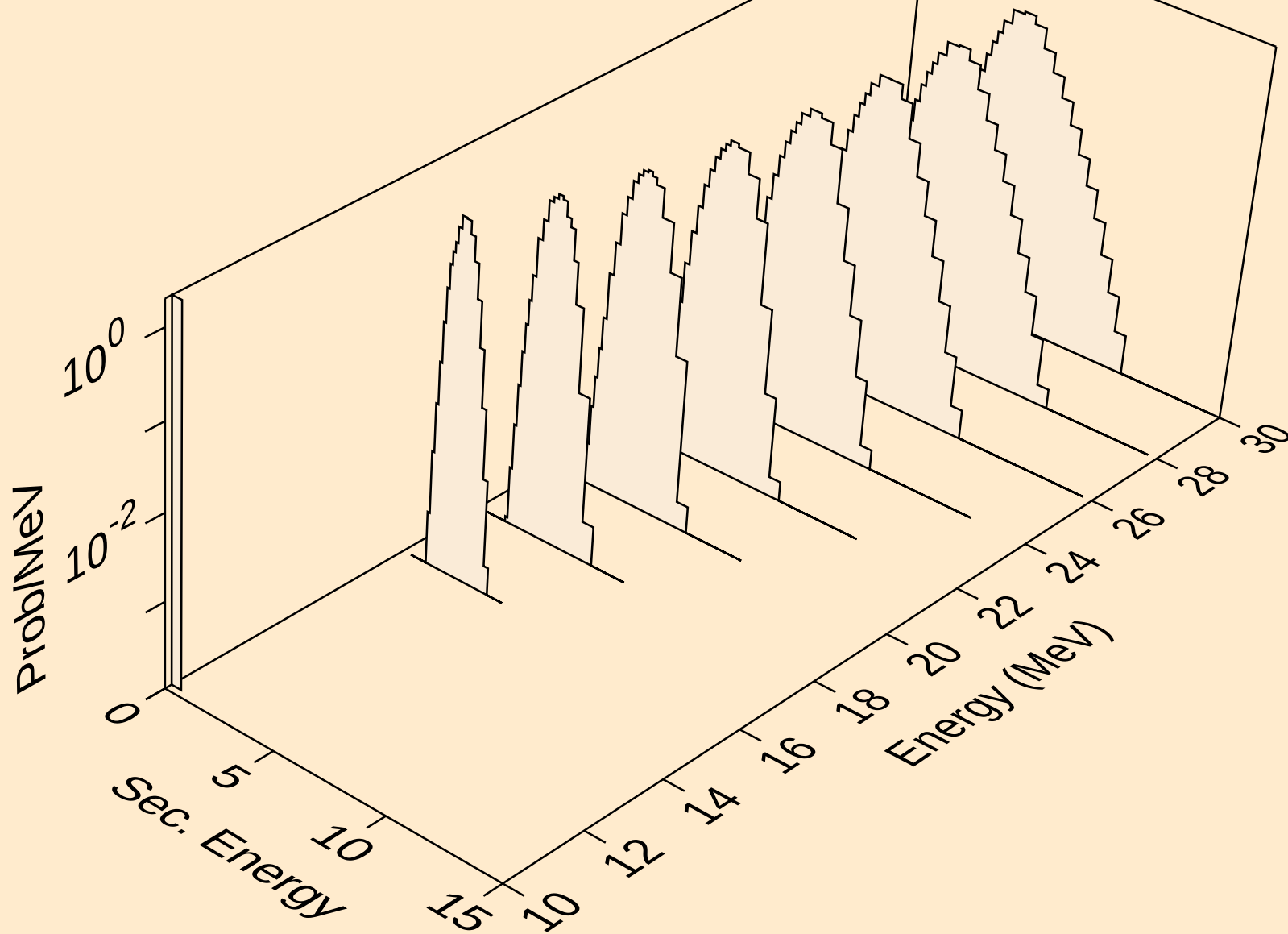
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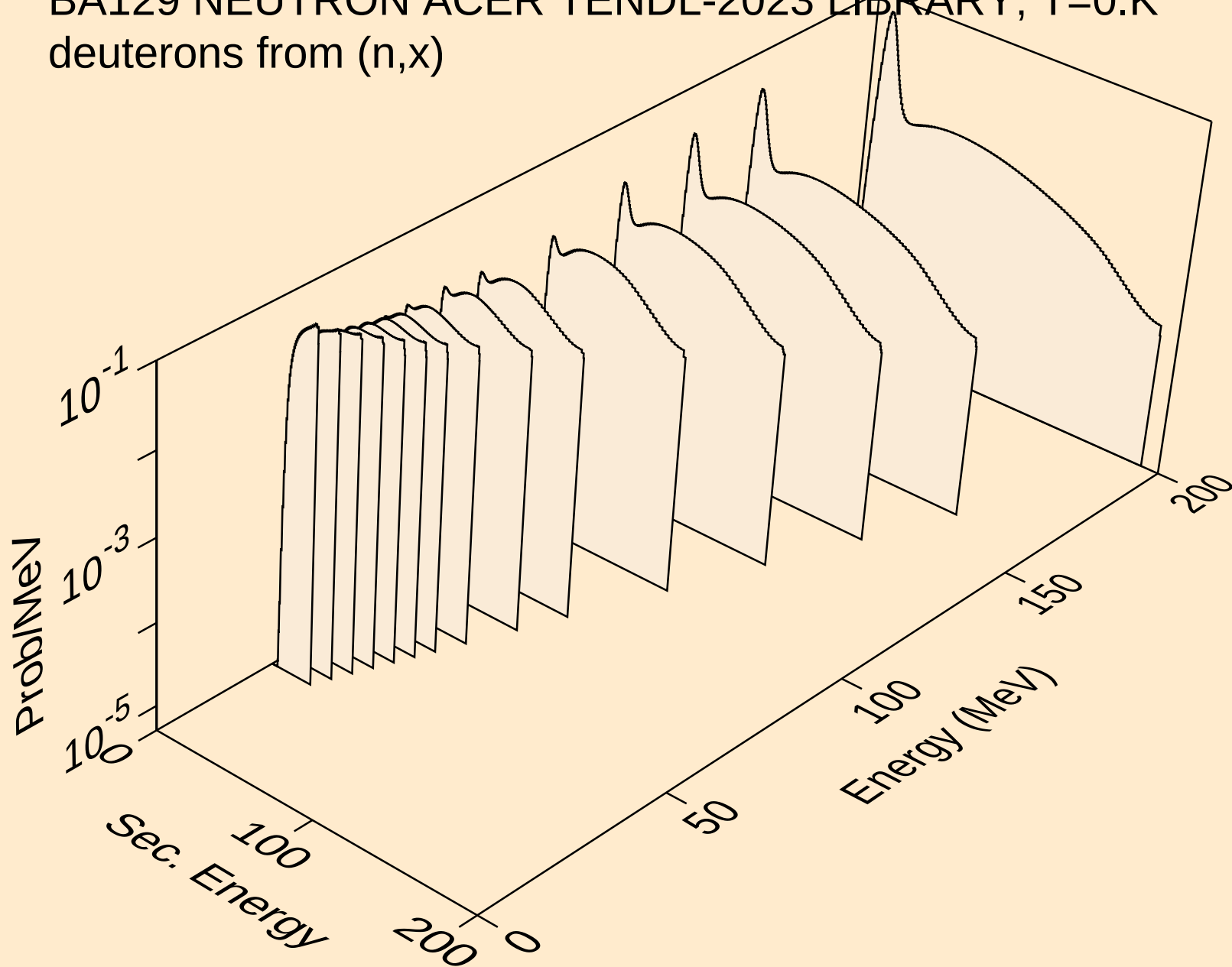
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protons from (n,pd)



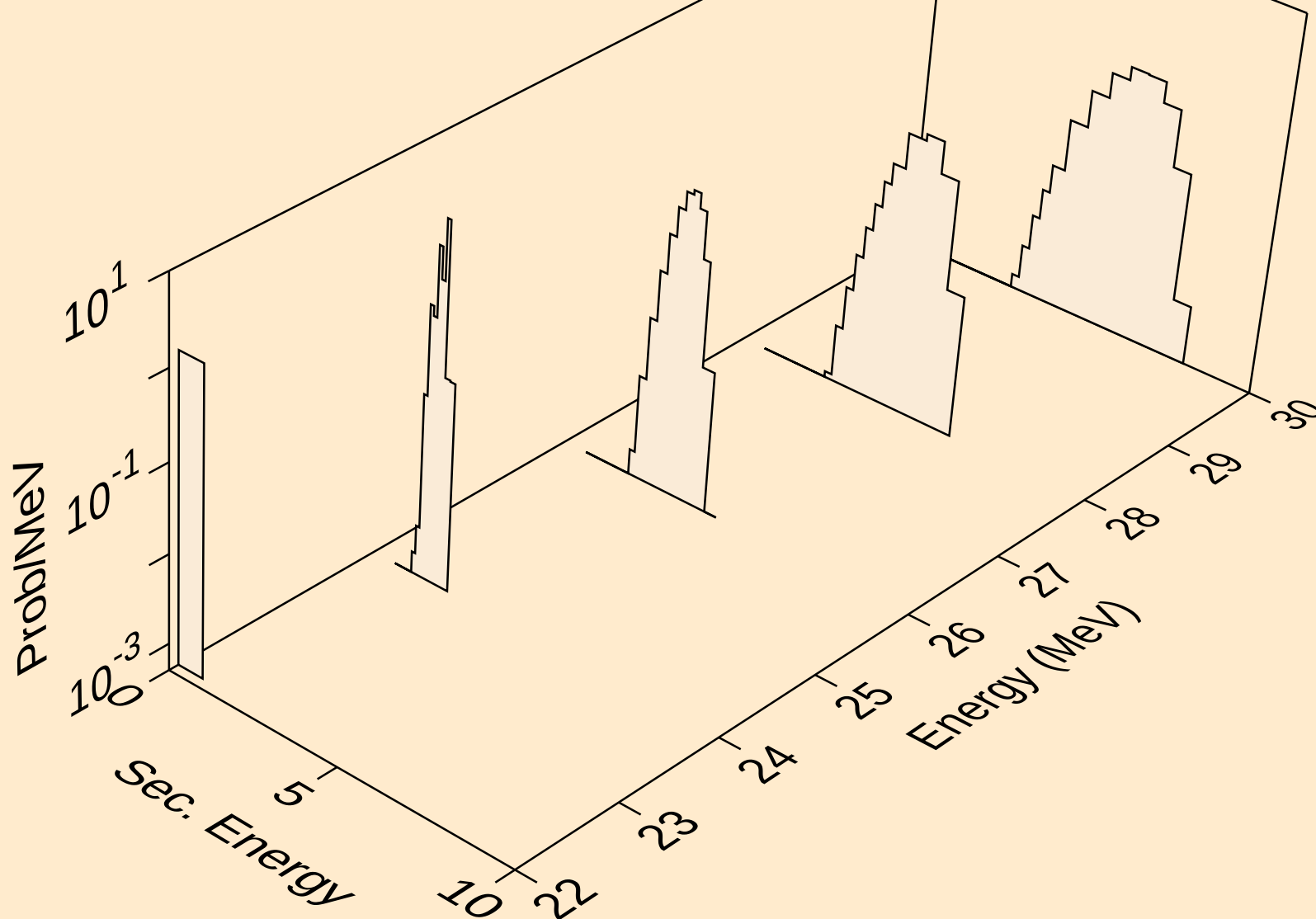
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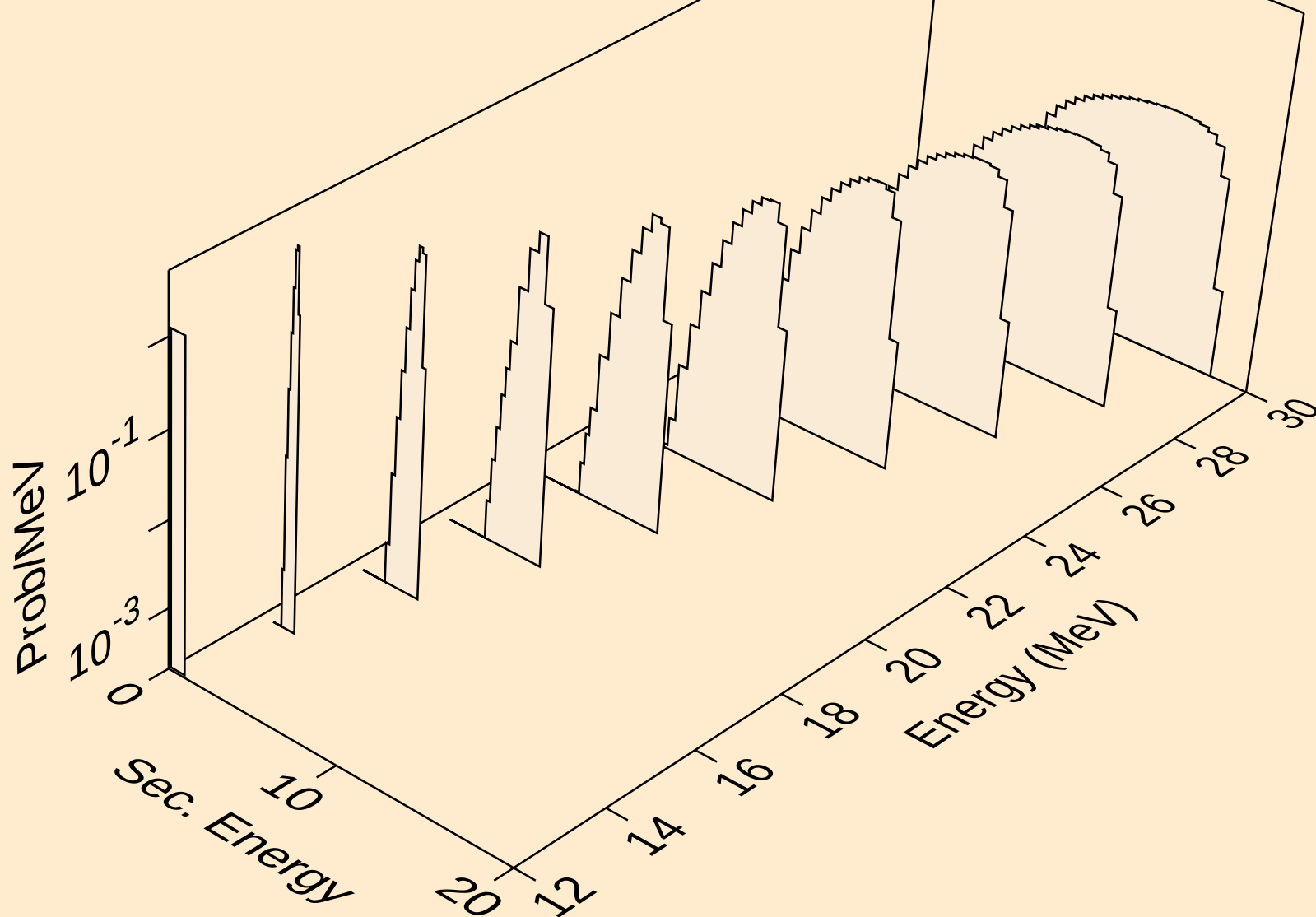
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deuterons from (n,x)



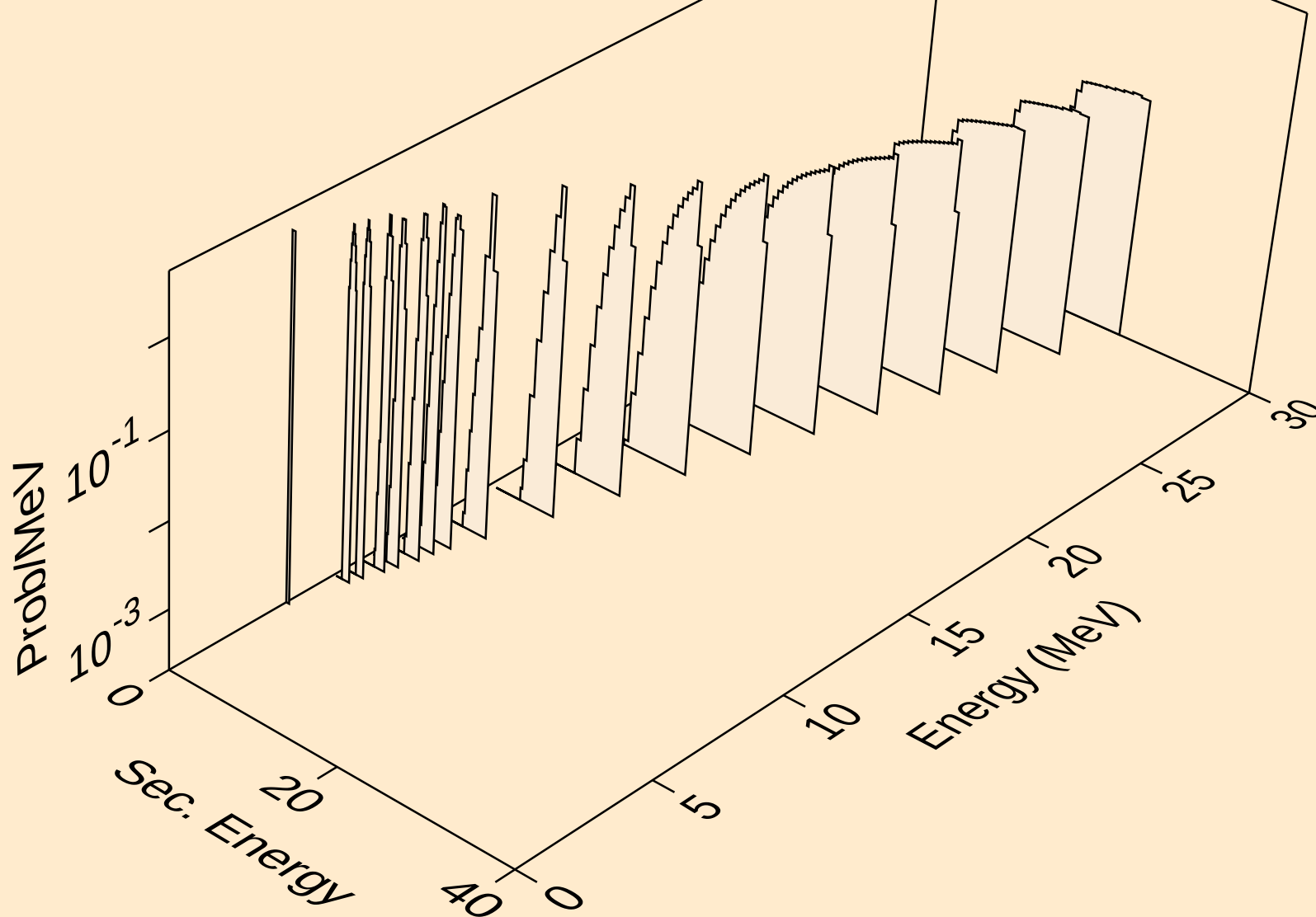
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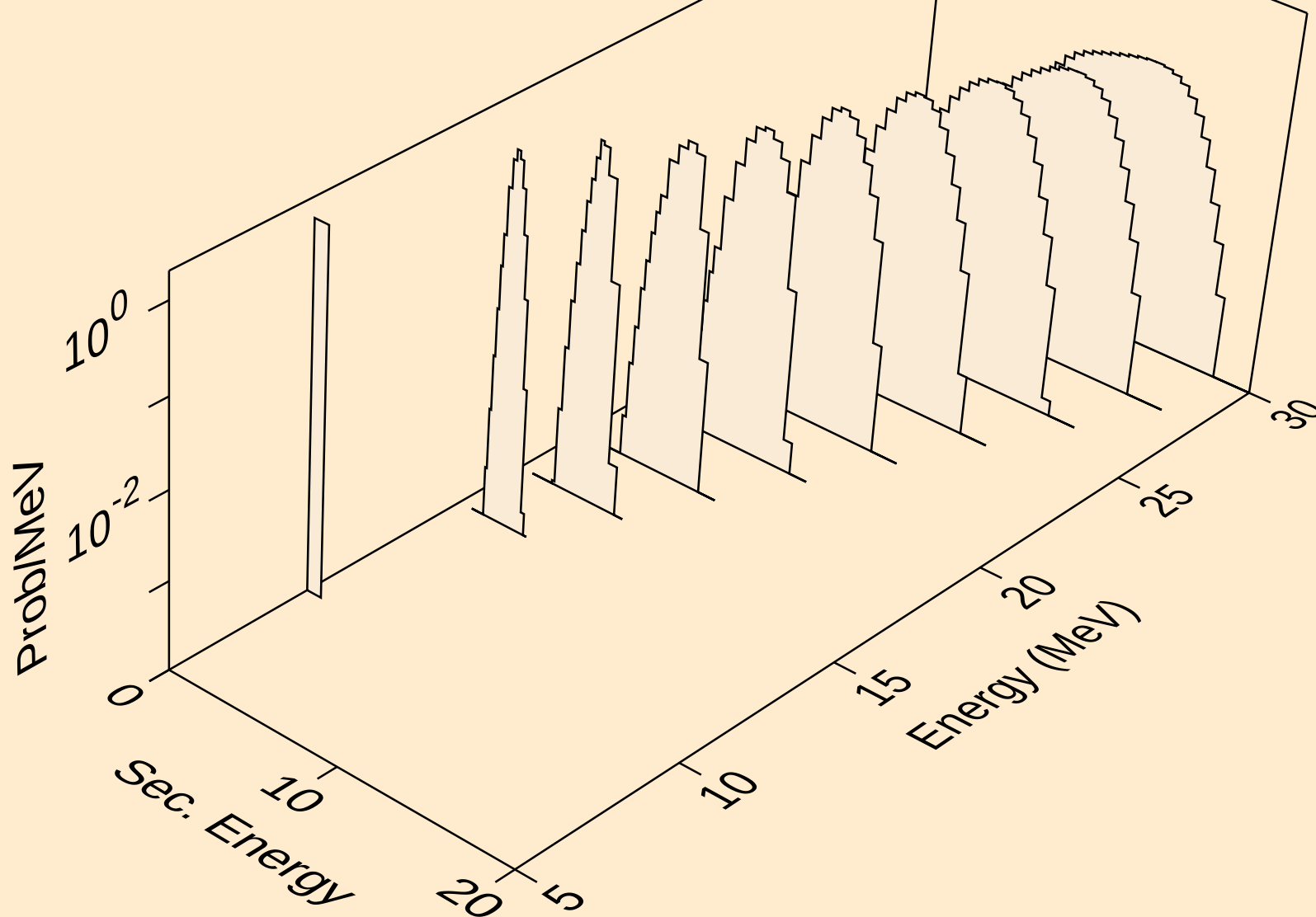
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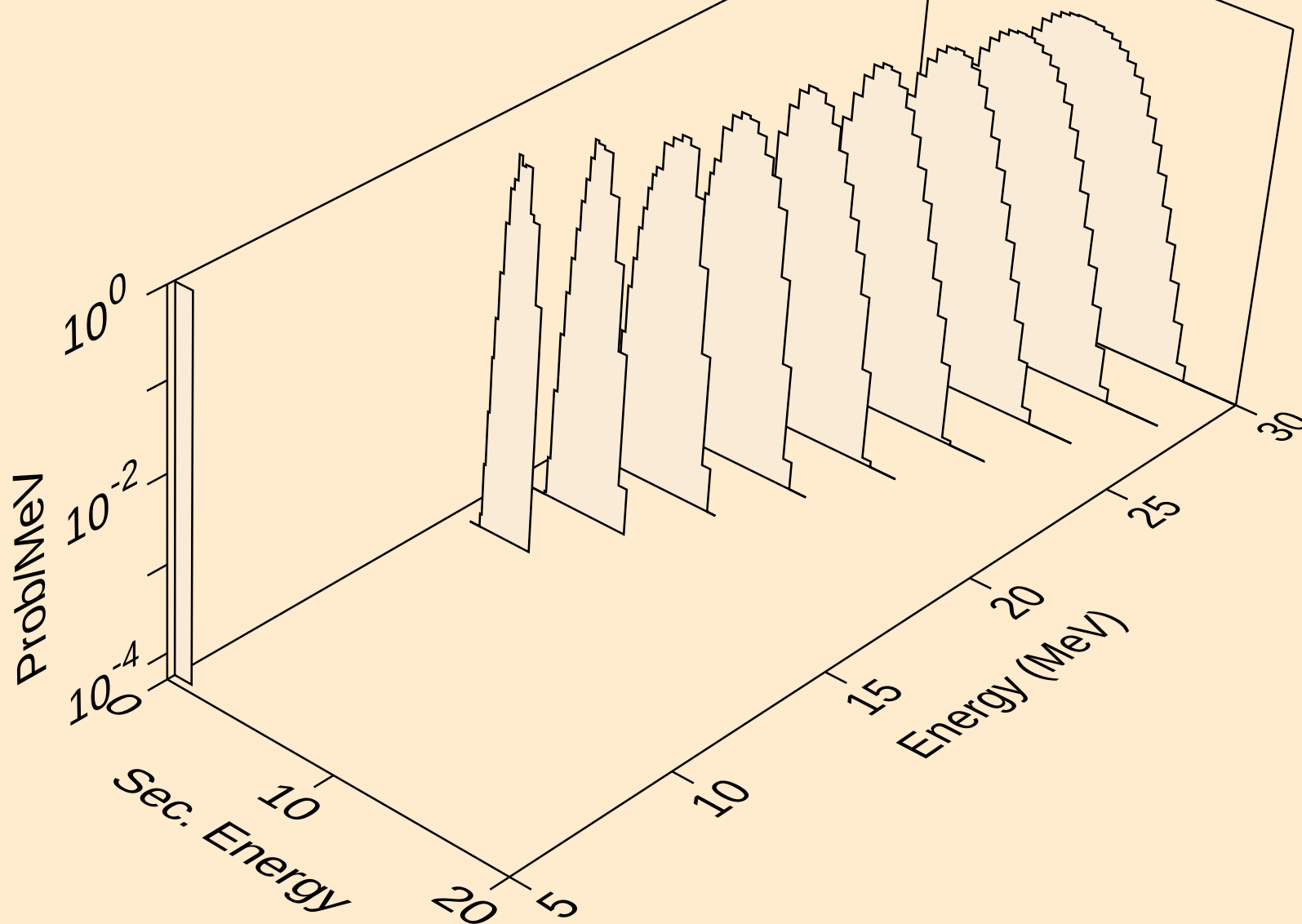
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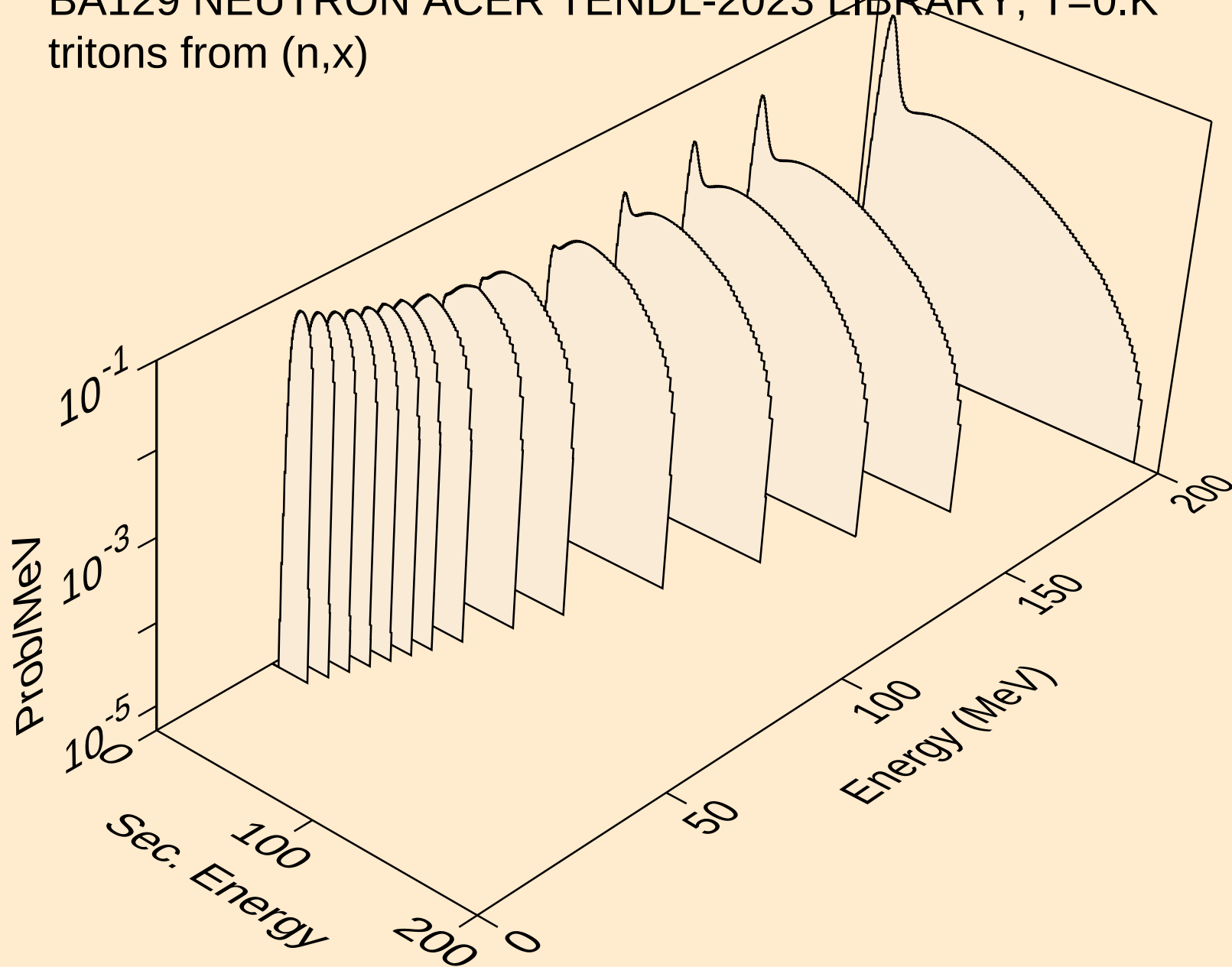
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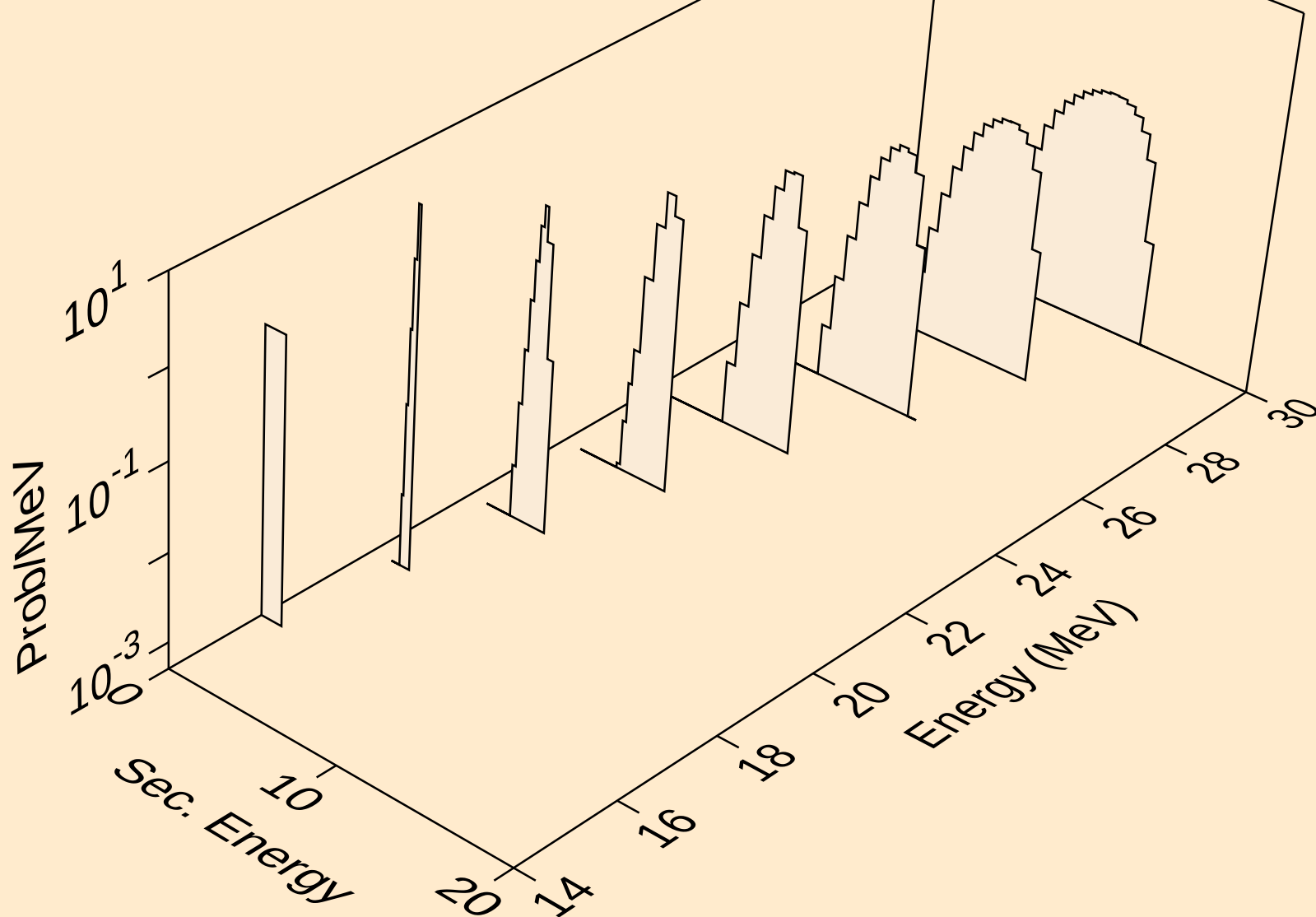
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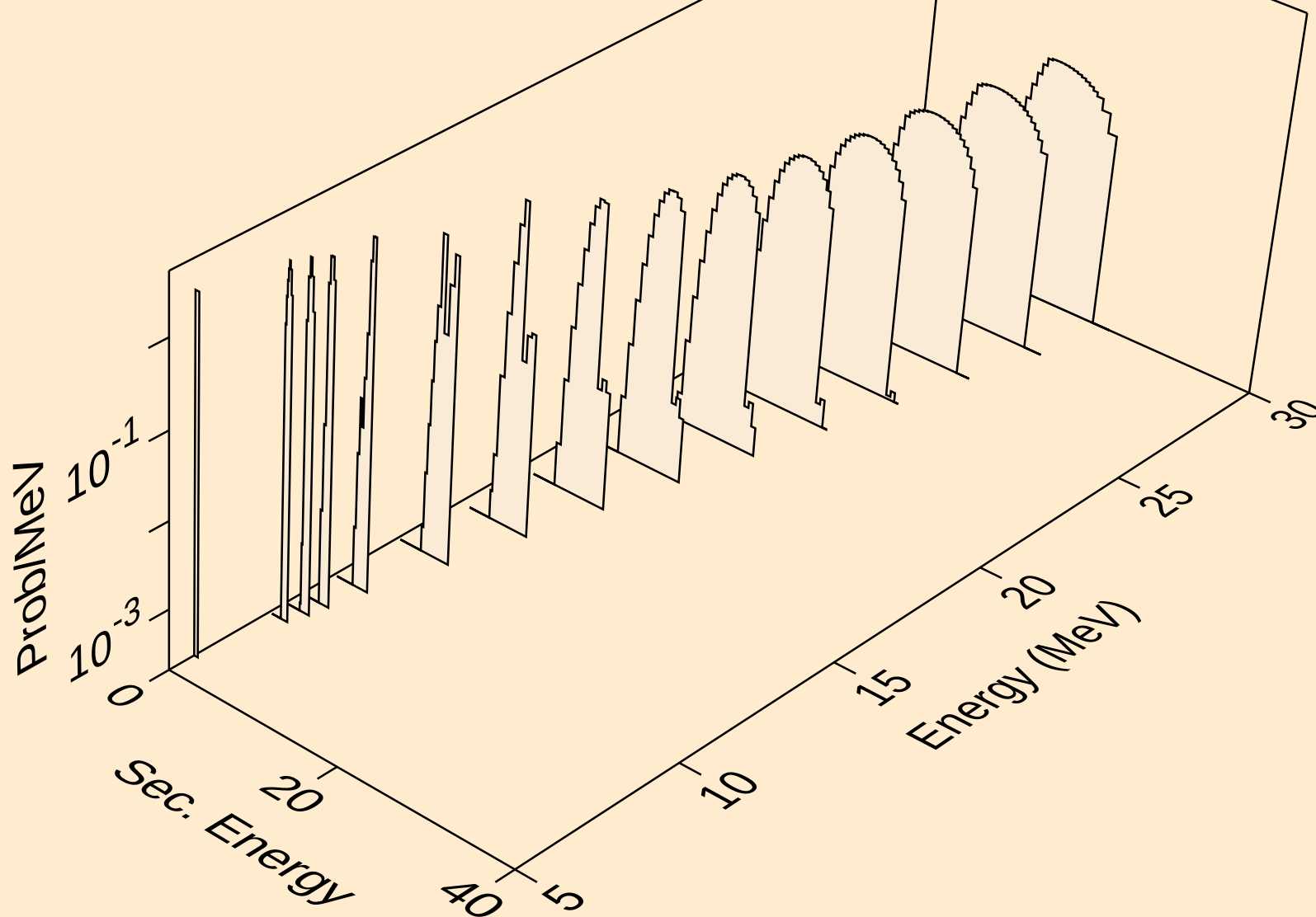
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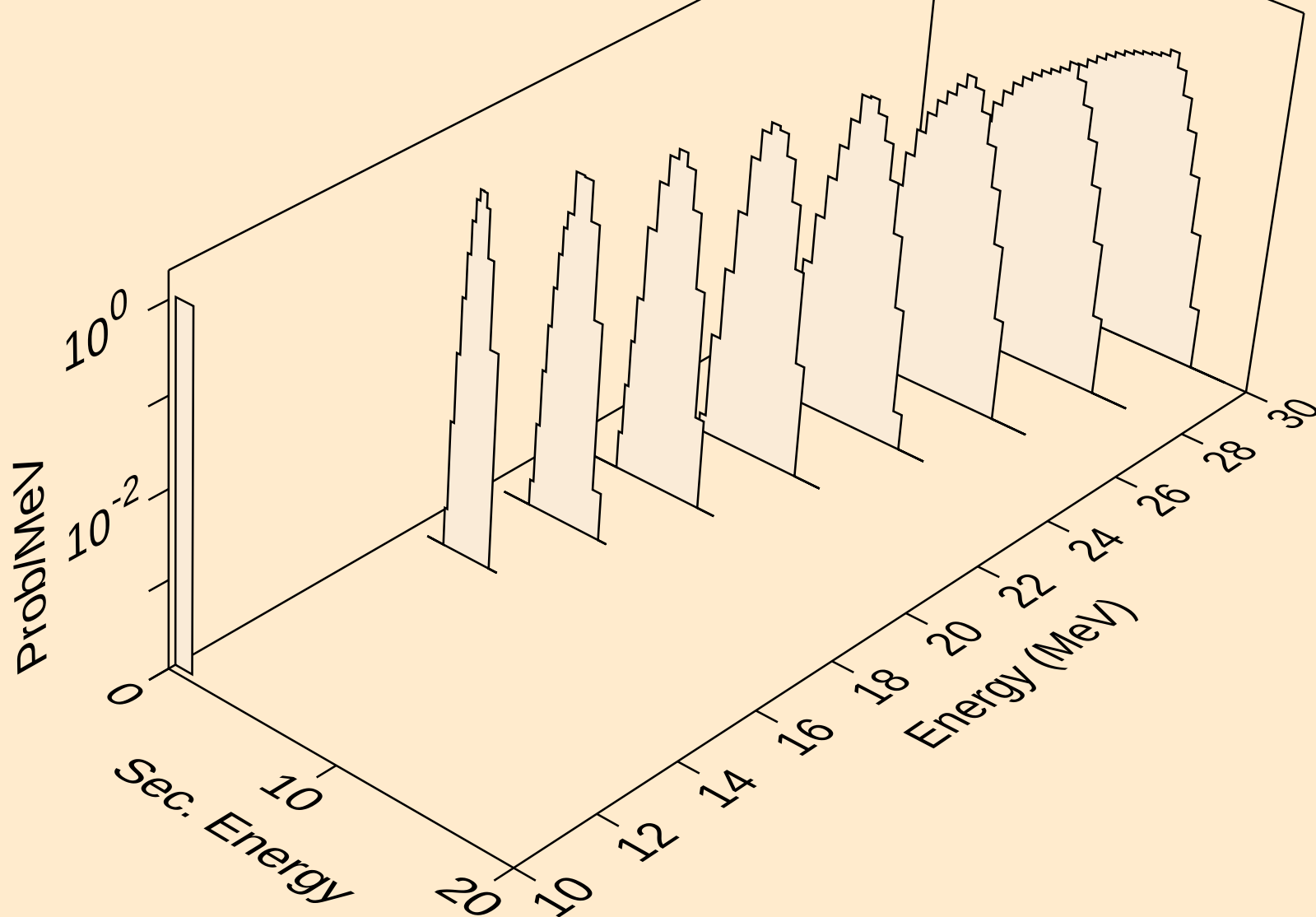
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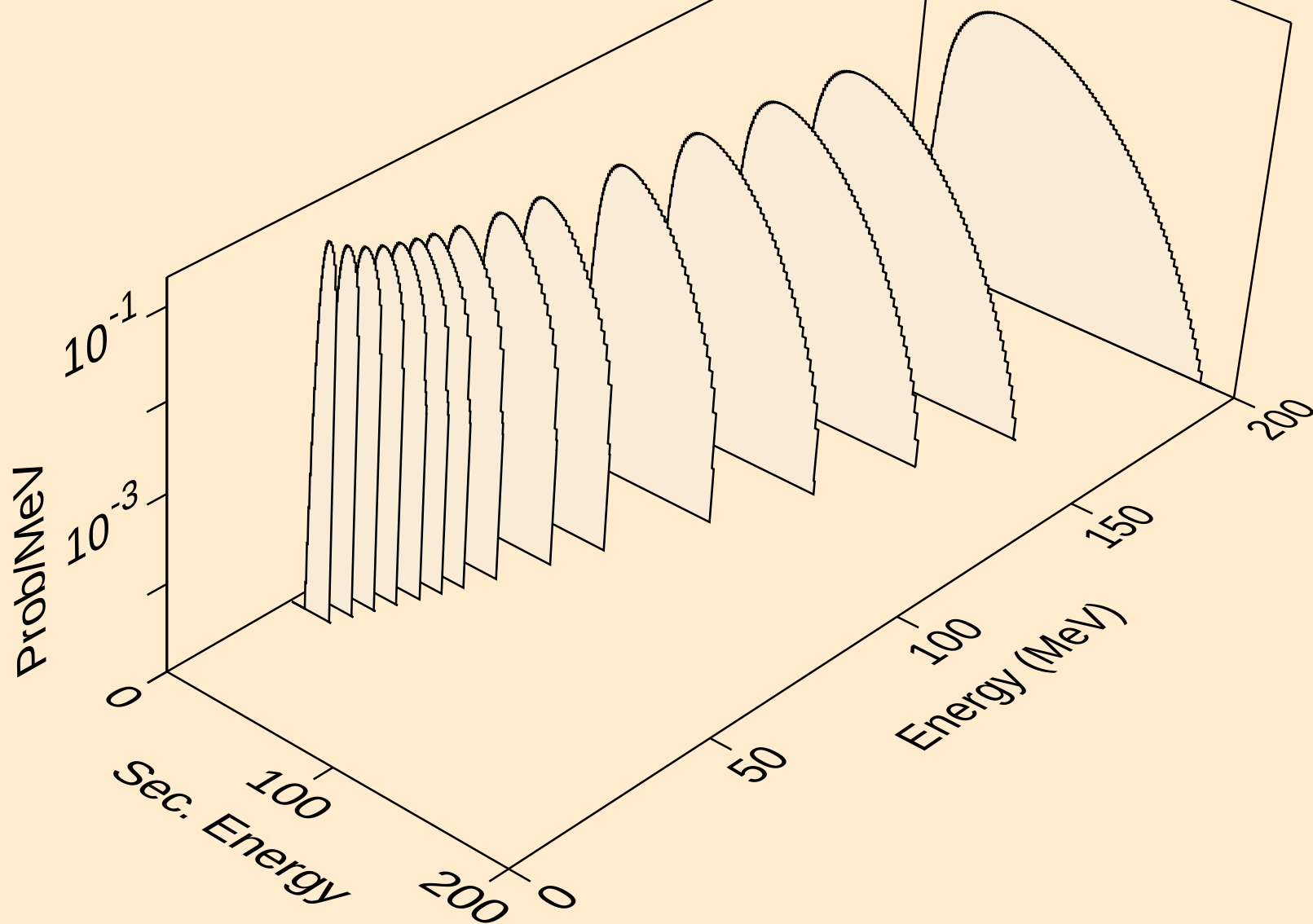
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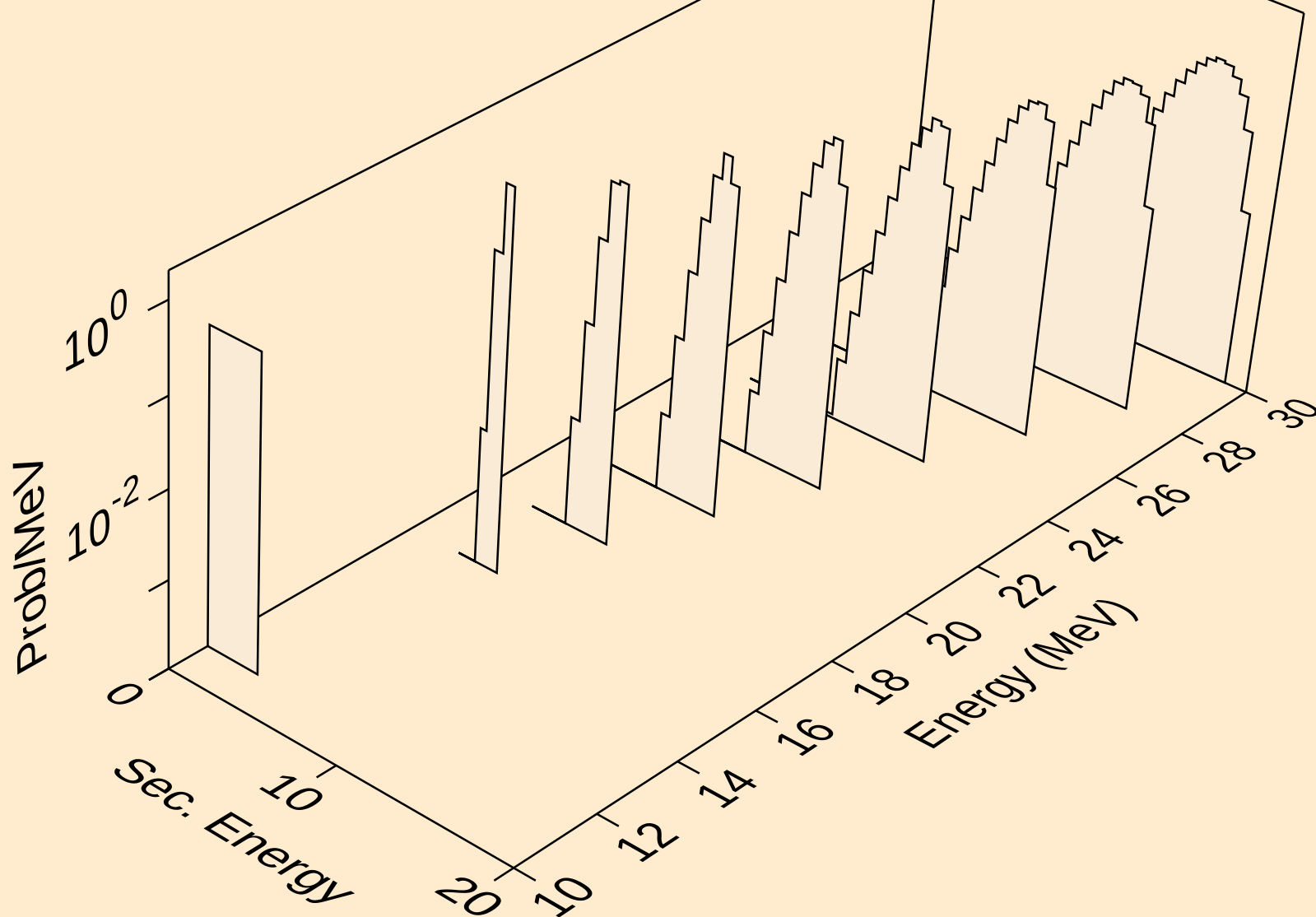
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tritons from (n,pt)



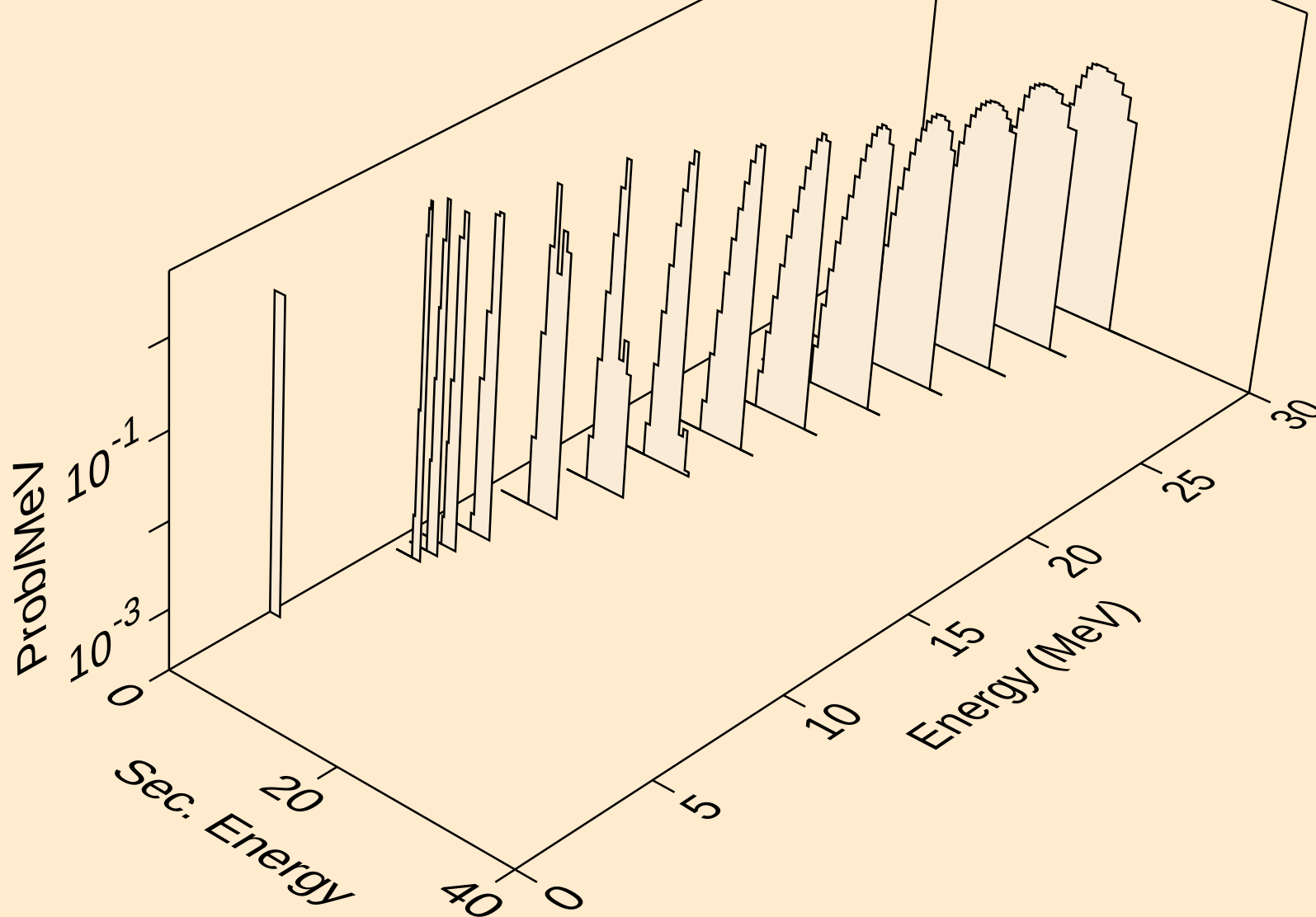
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he3s from (n,x)



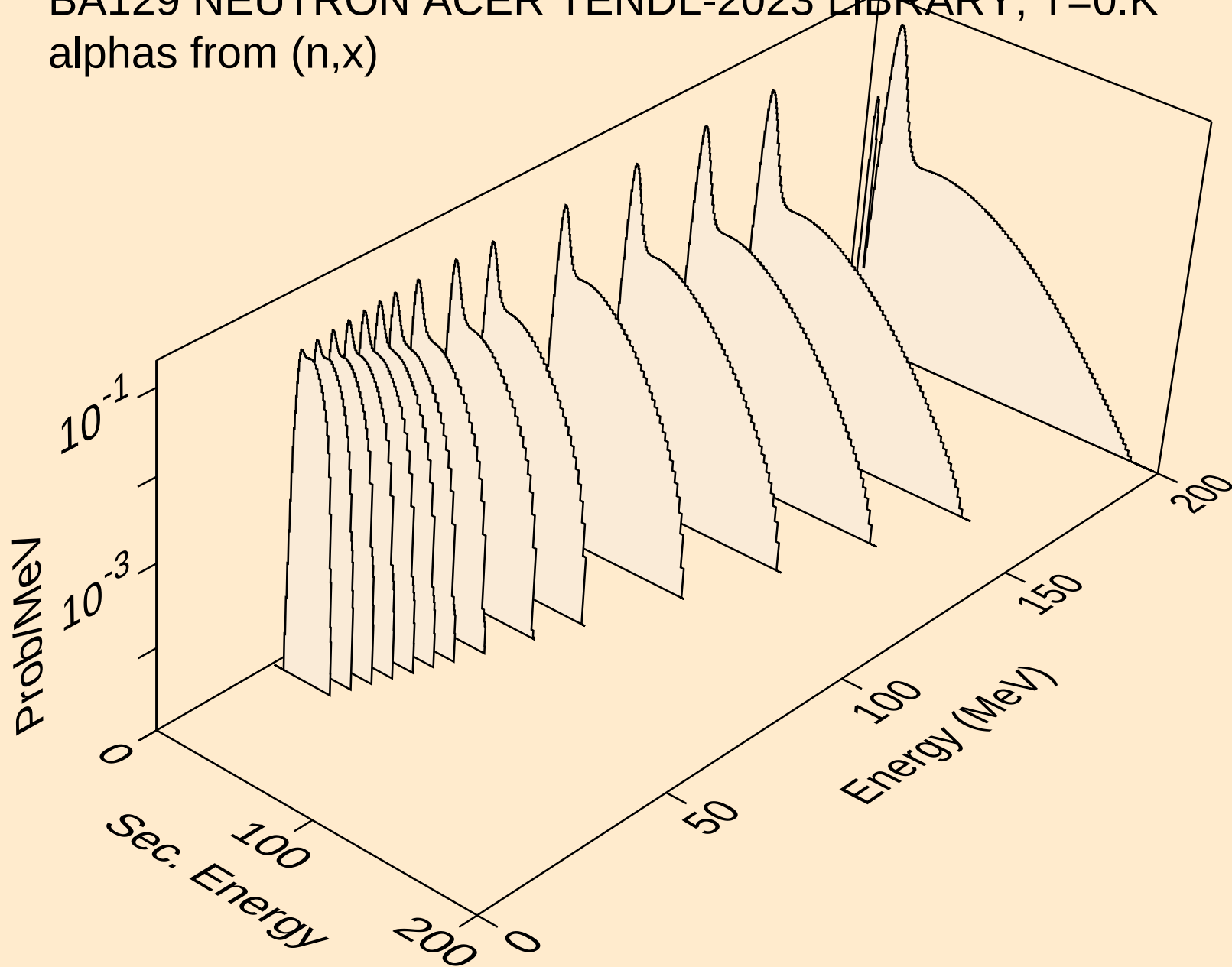
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he3s from (n,n\*)he3



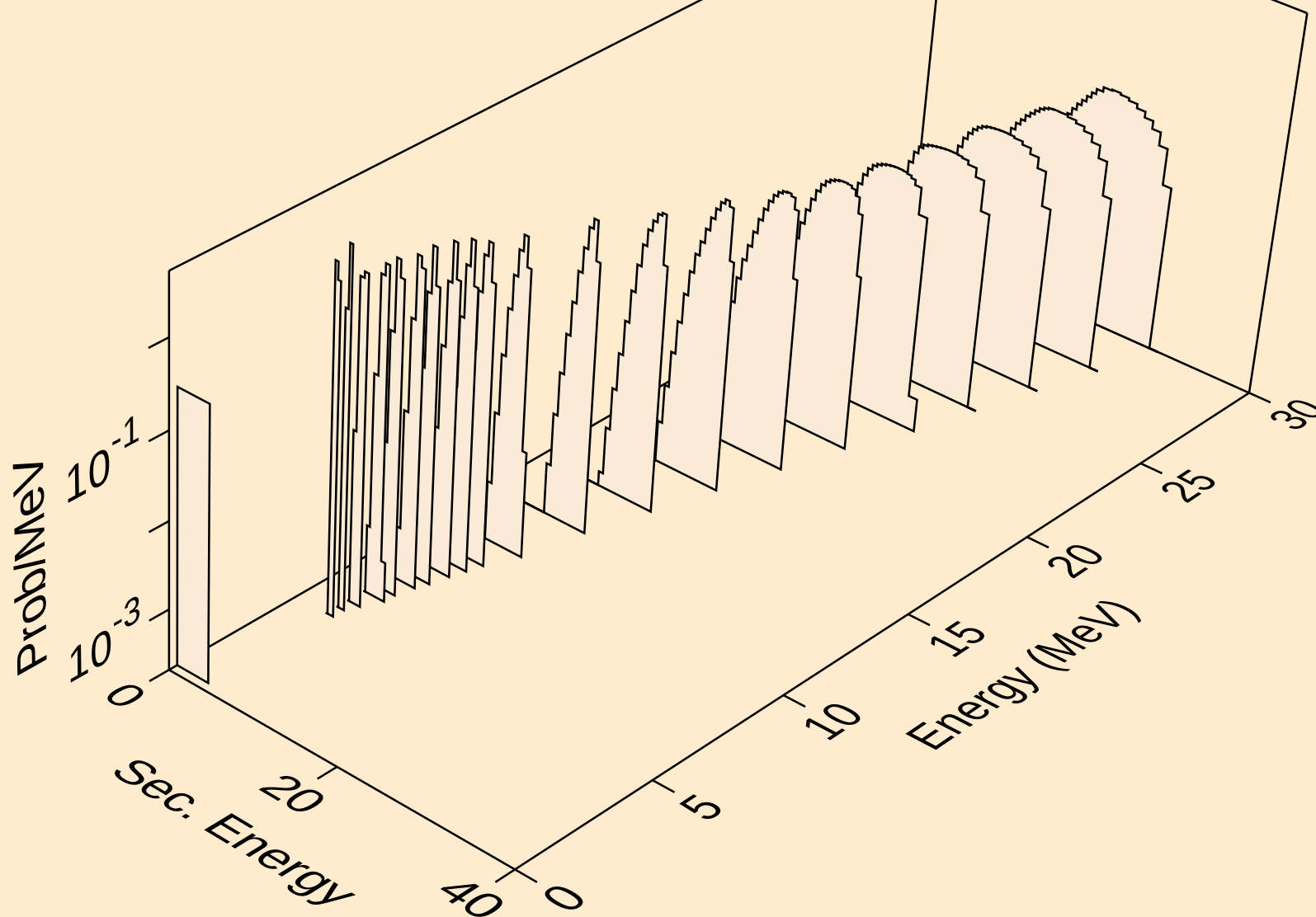
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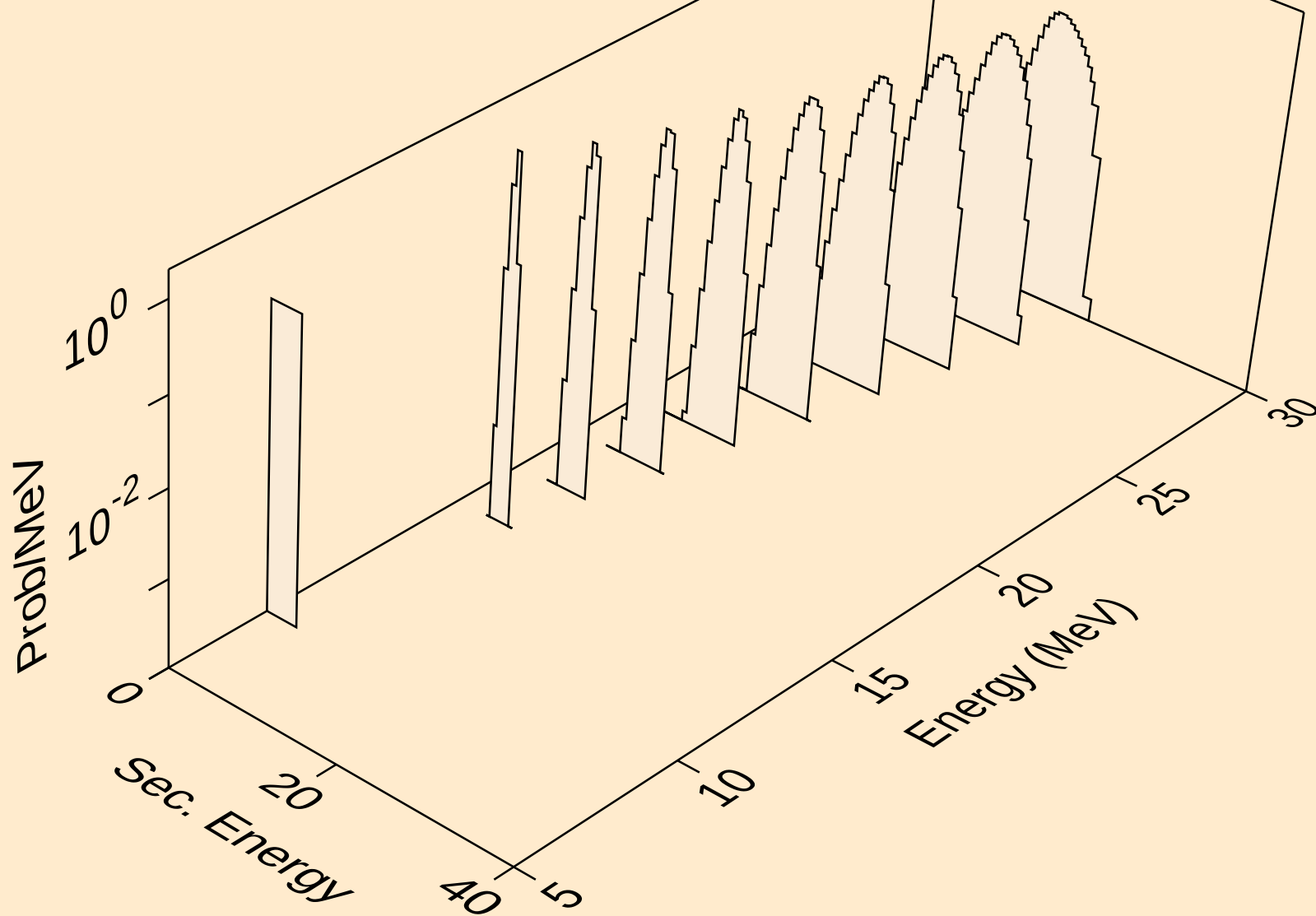
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alphas from (n,x)



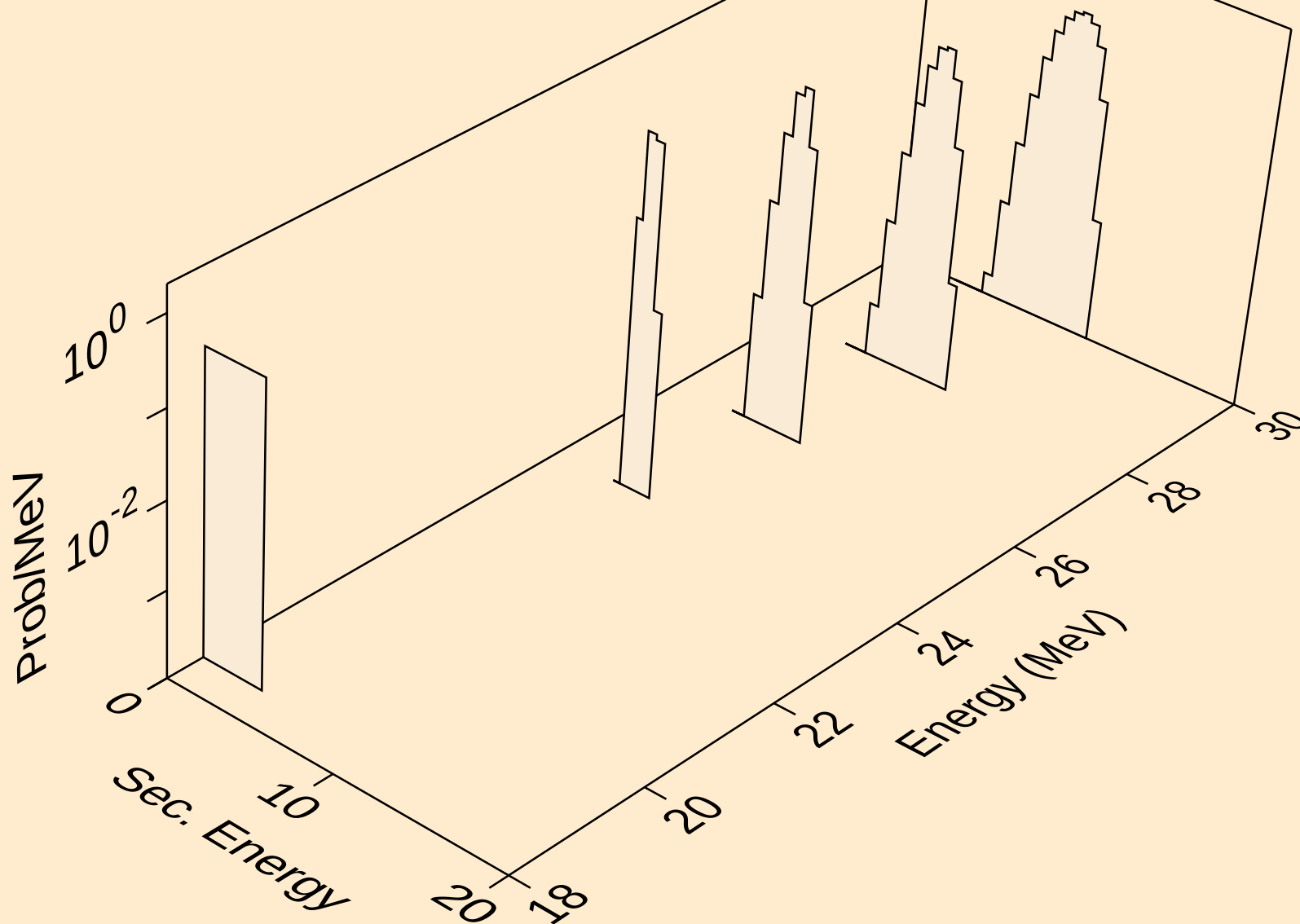
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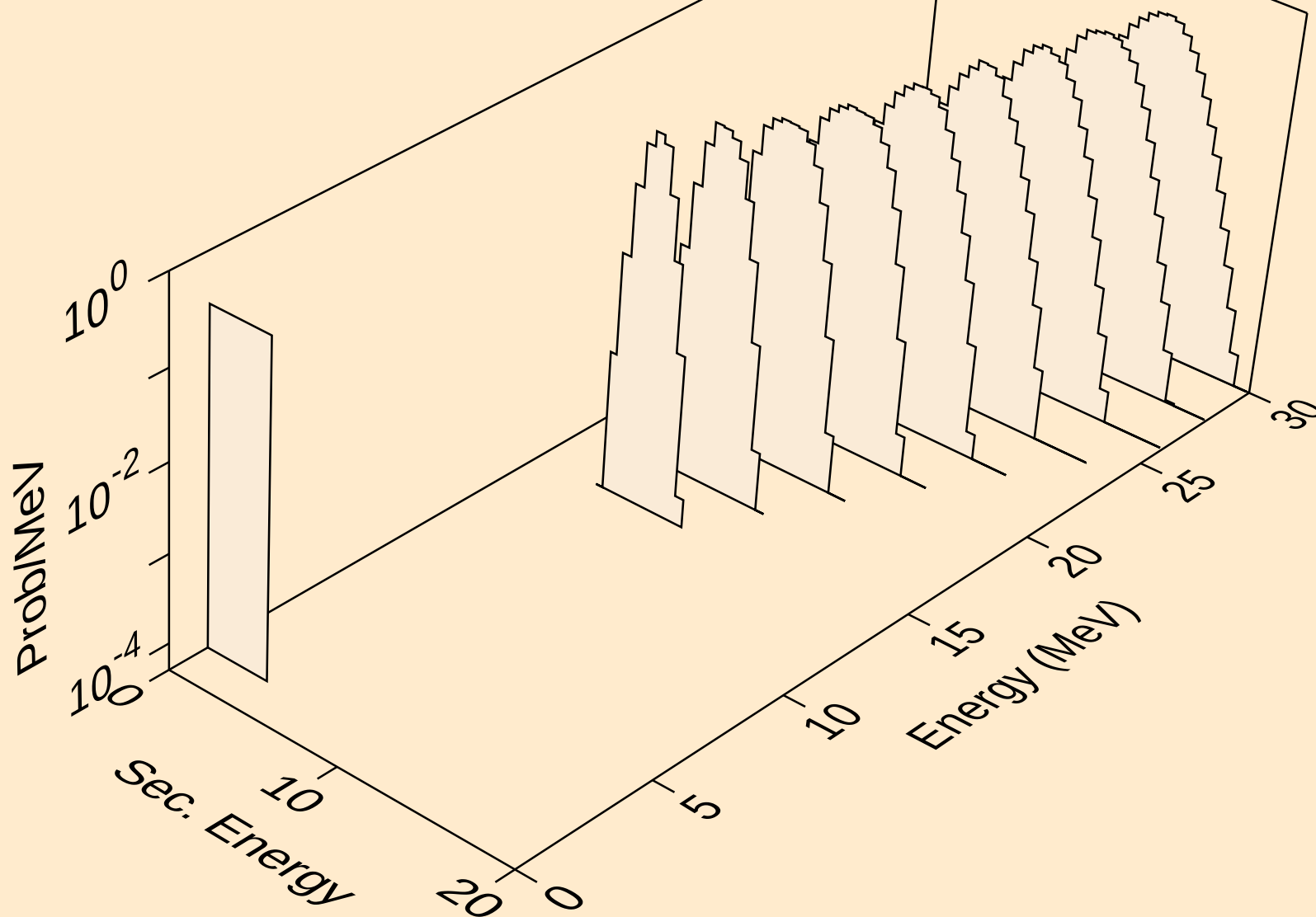
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alphas from (n,2n)a



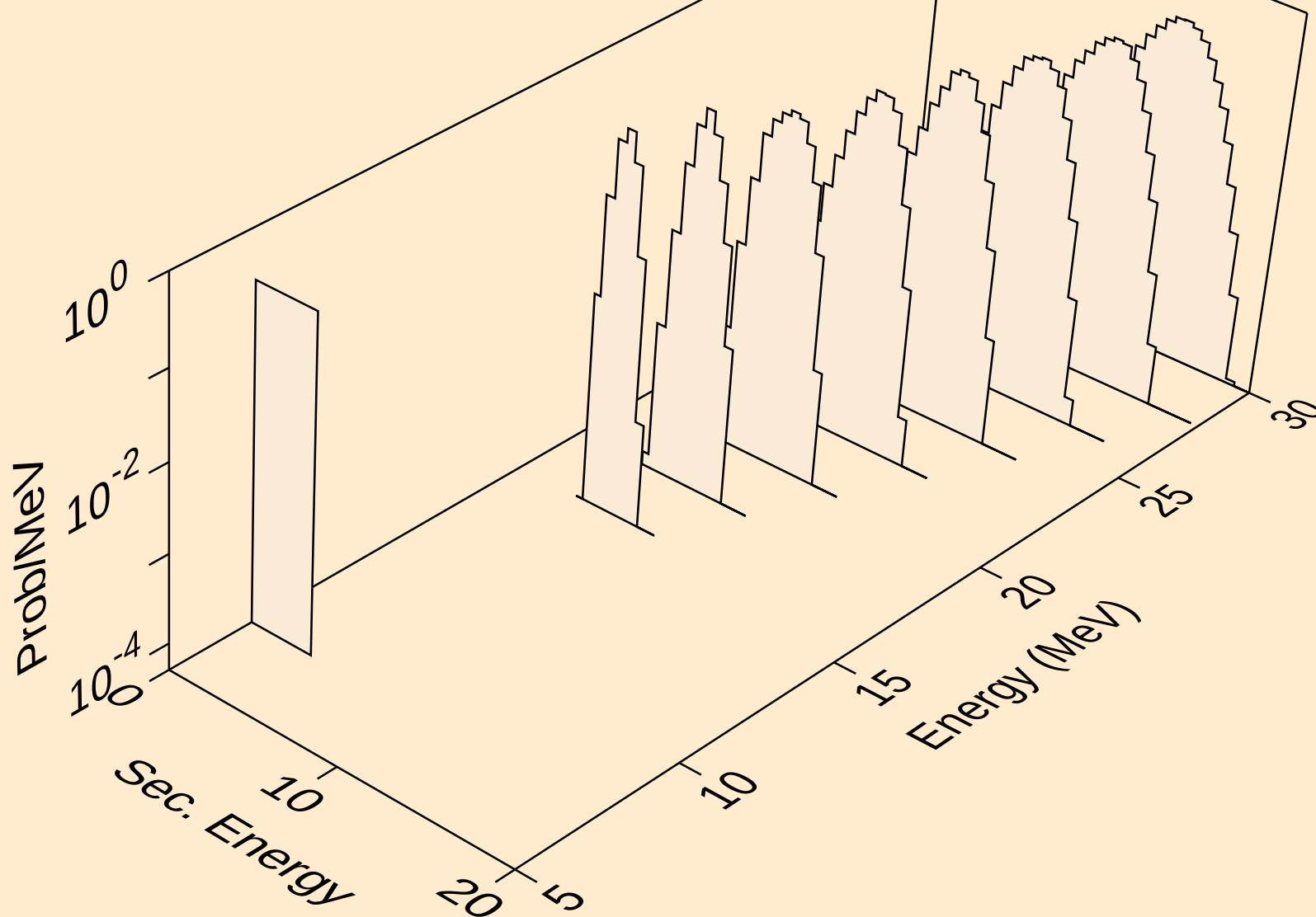
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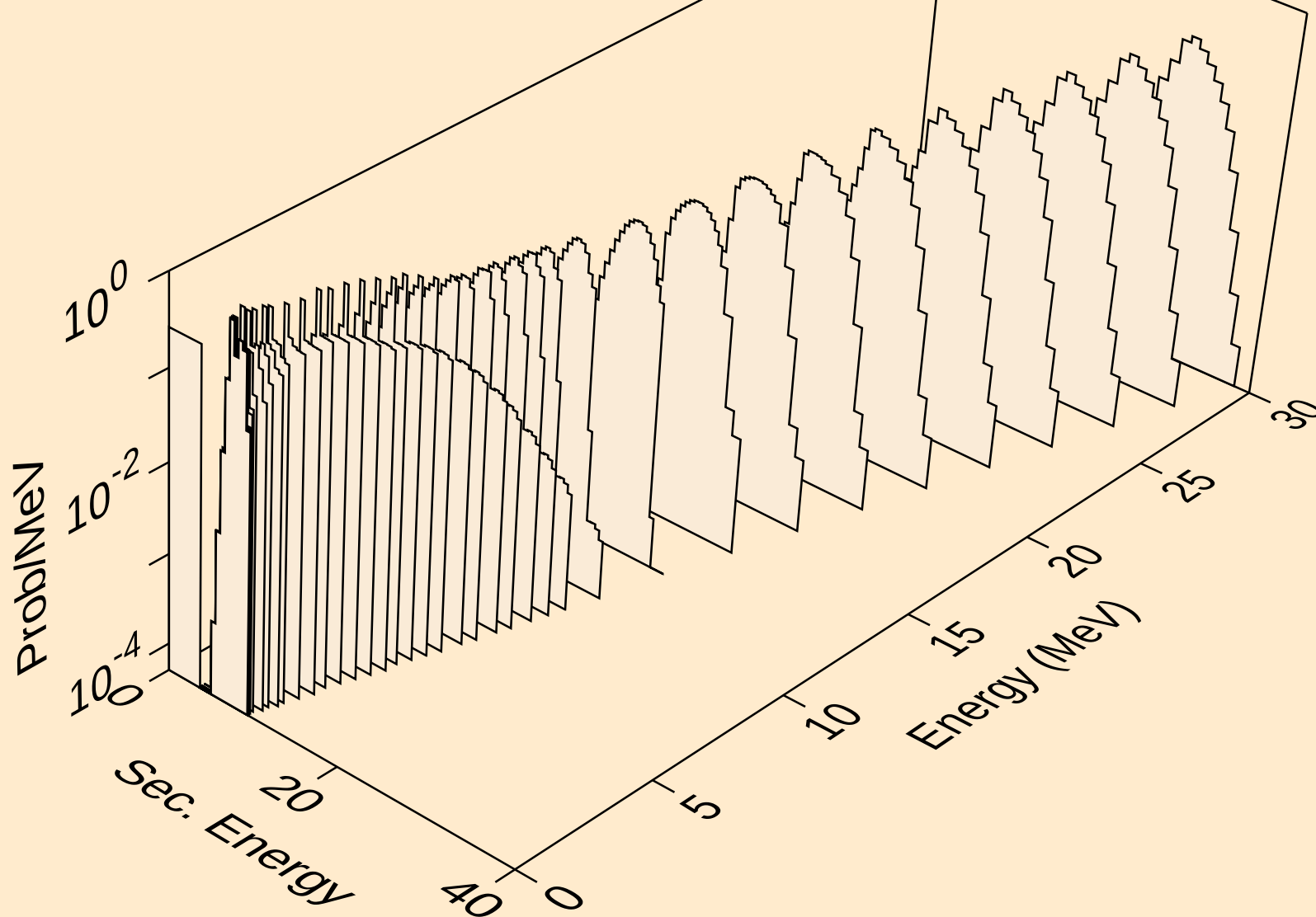
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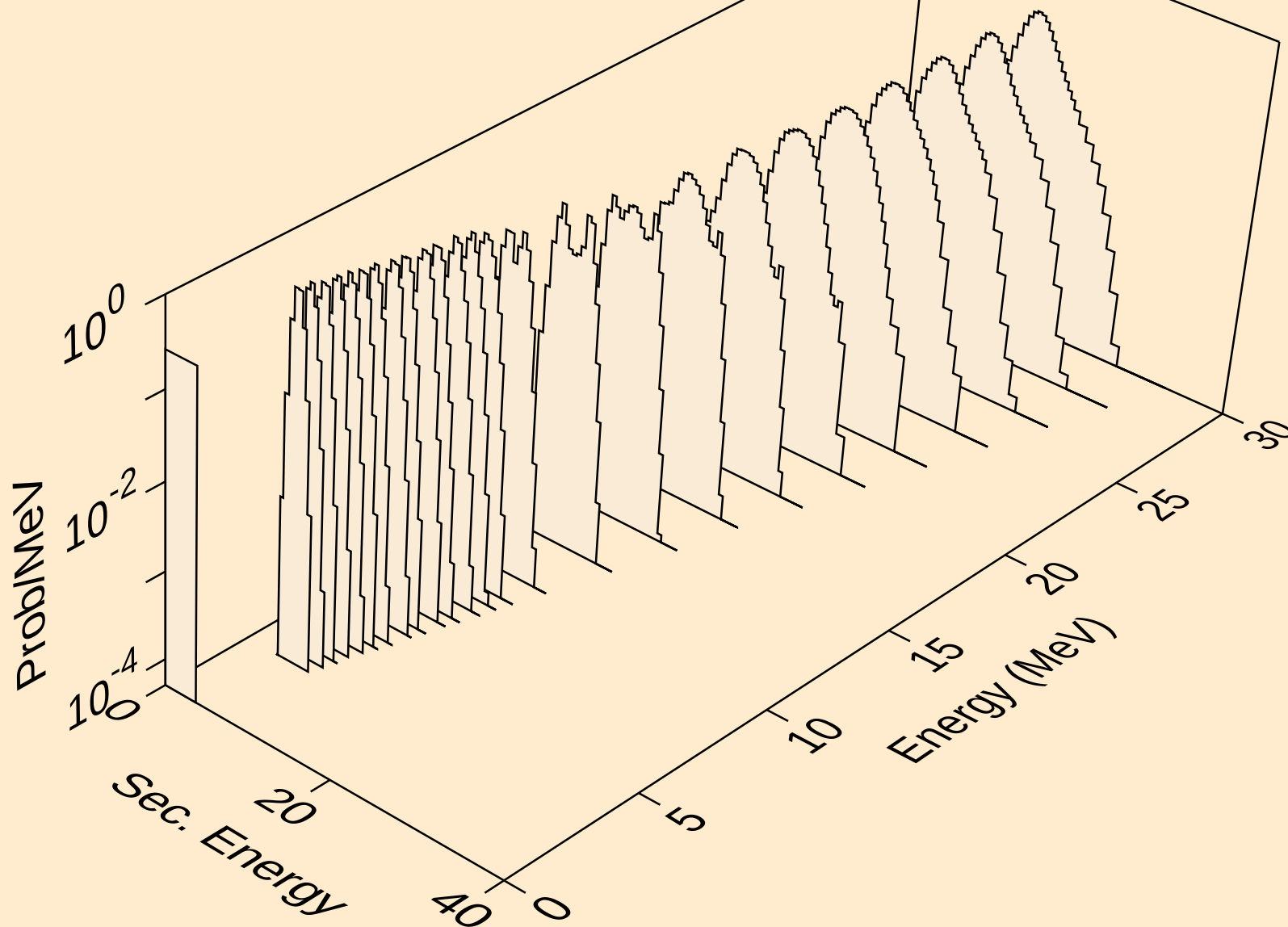
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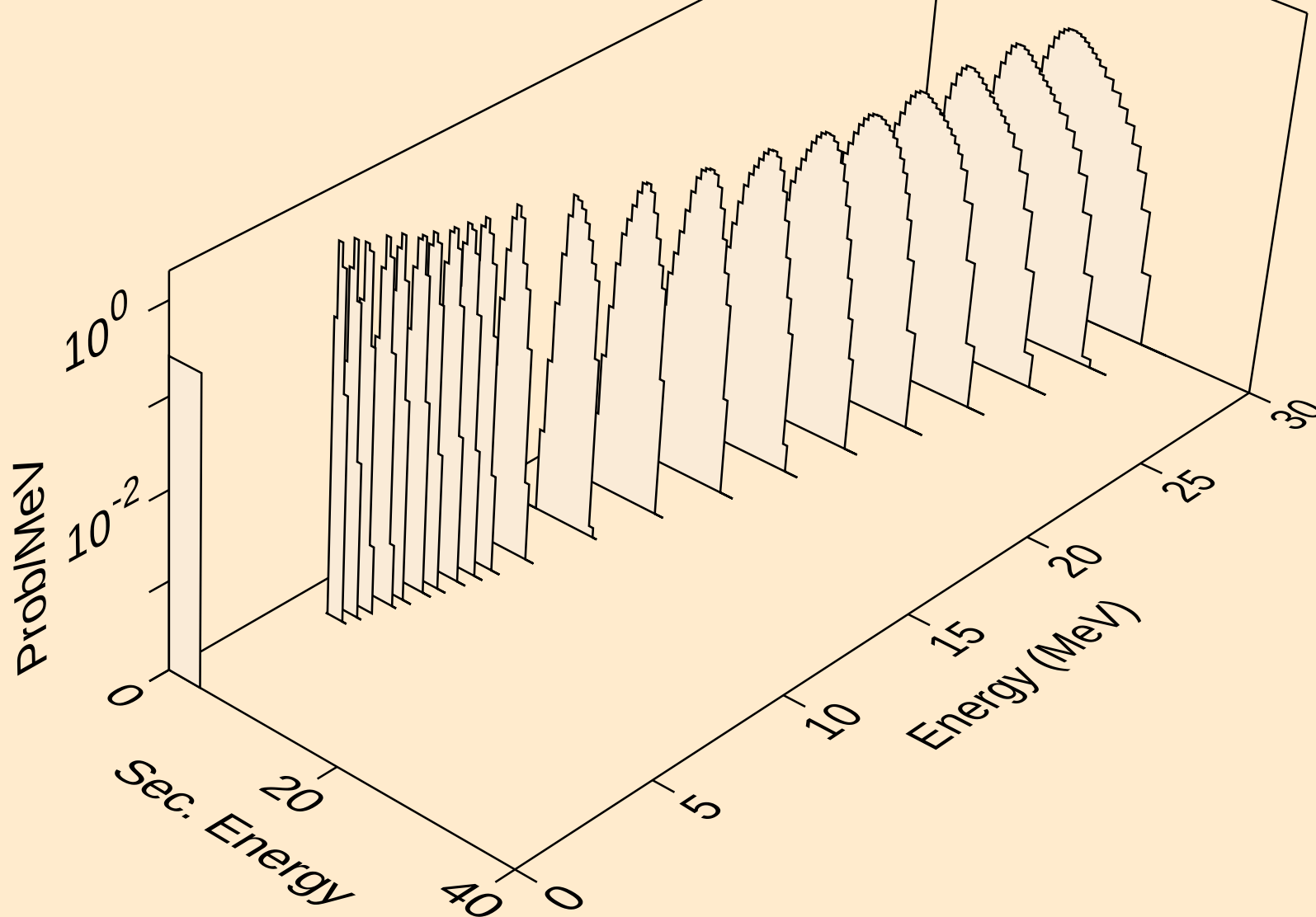
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alphas from (n,a)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



BA129 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

