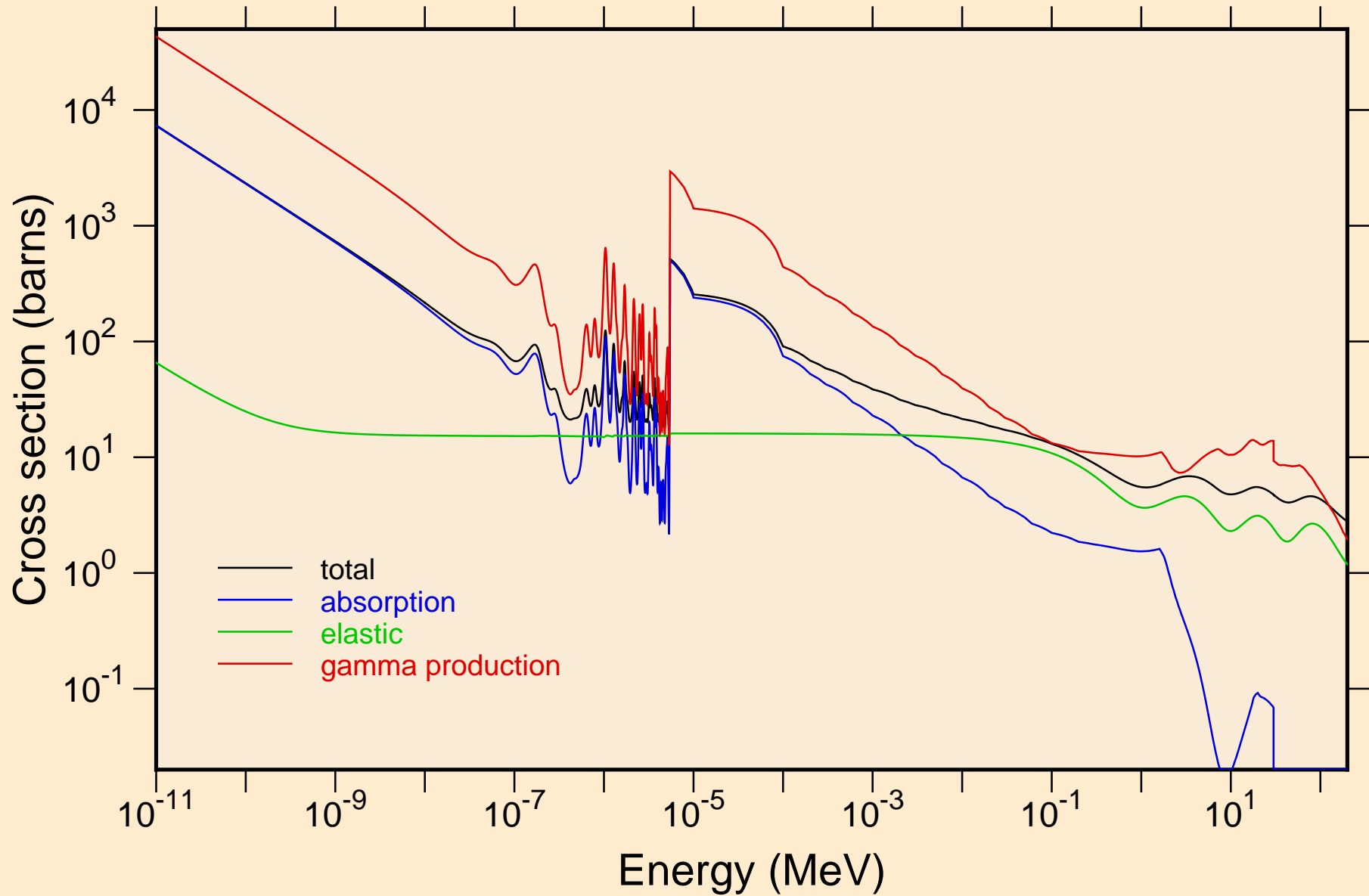
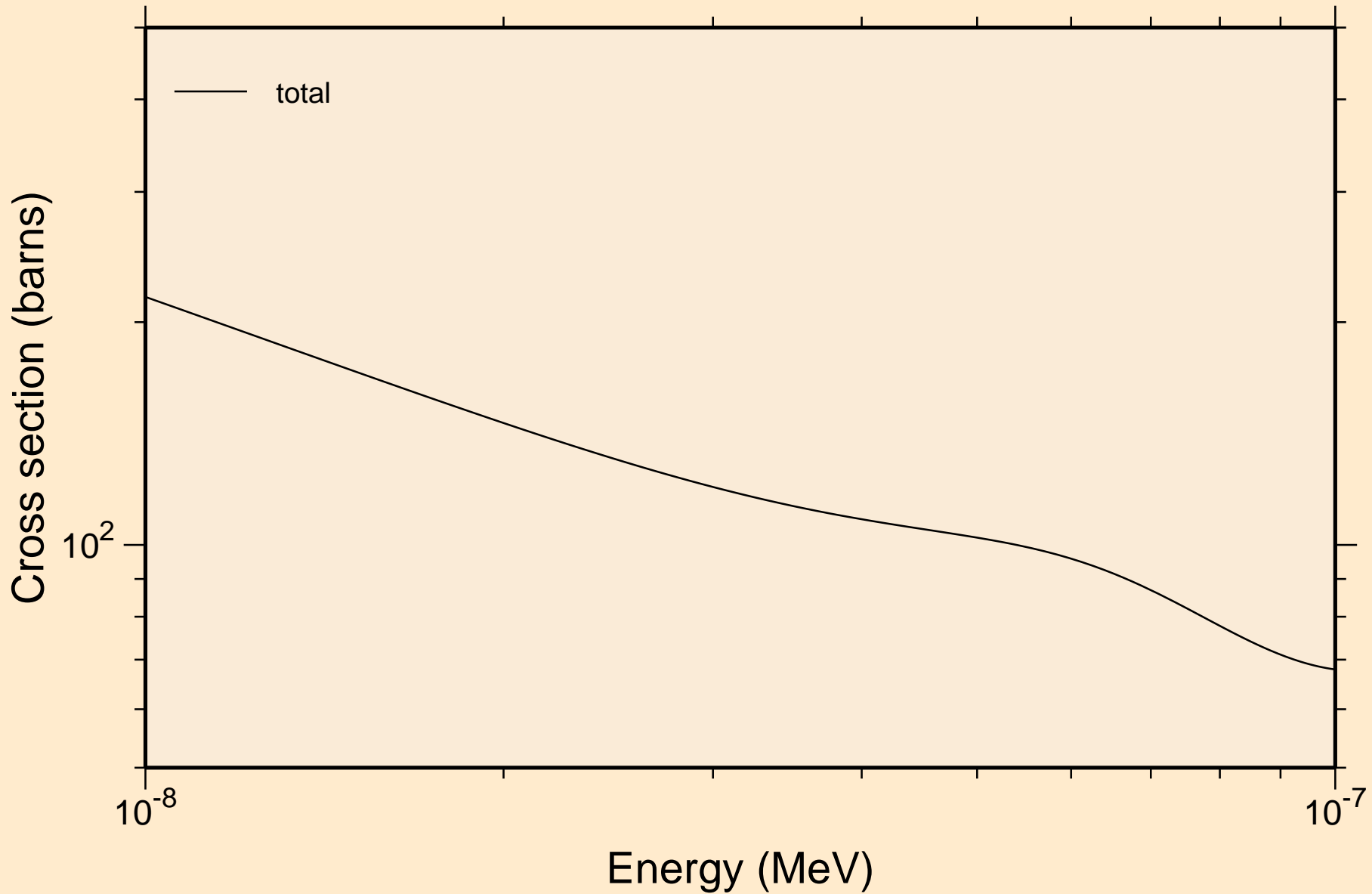


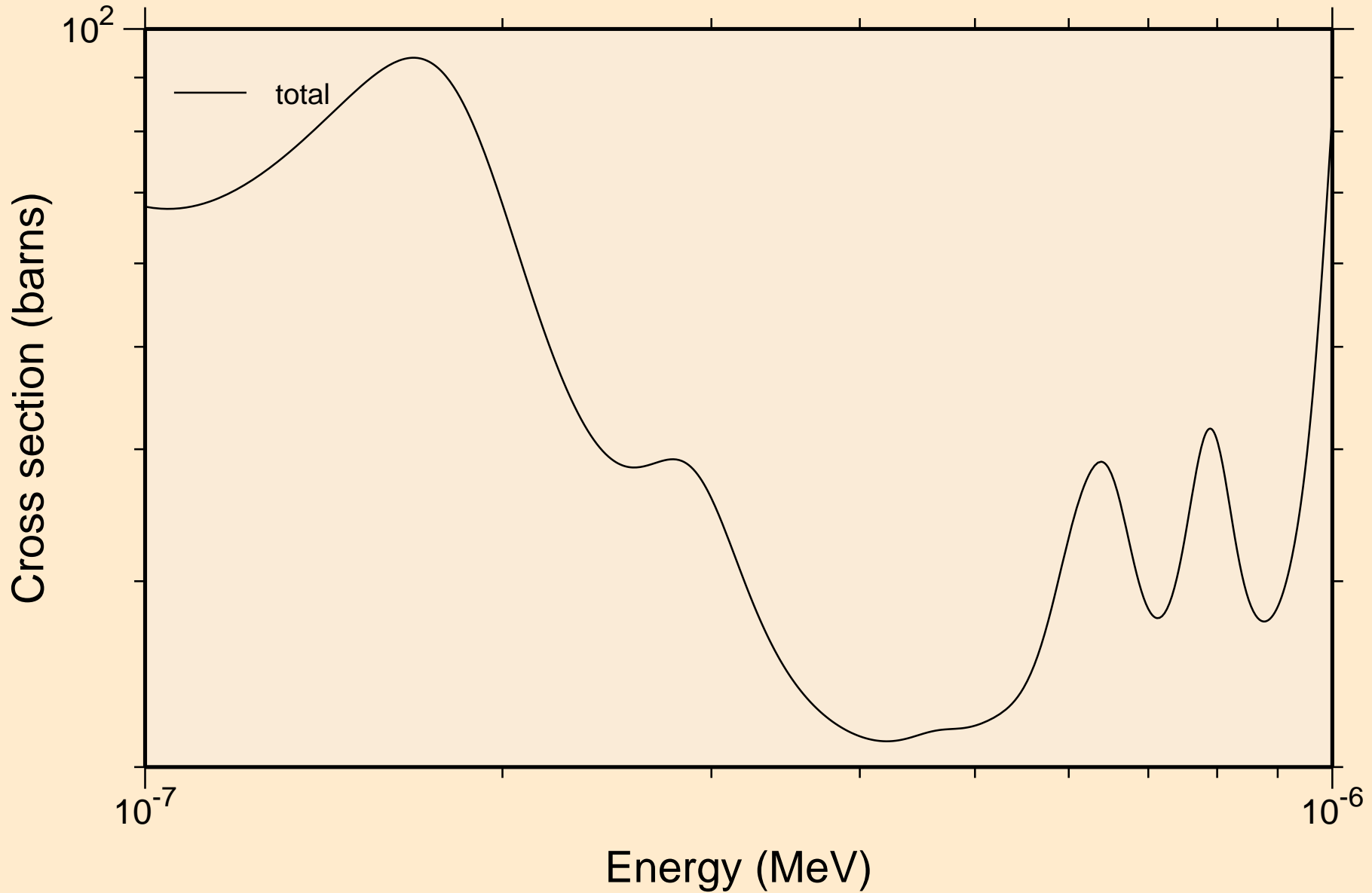
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



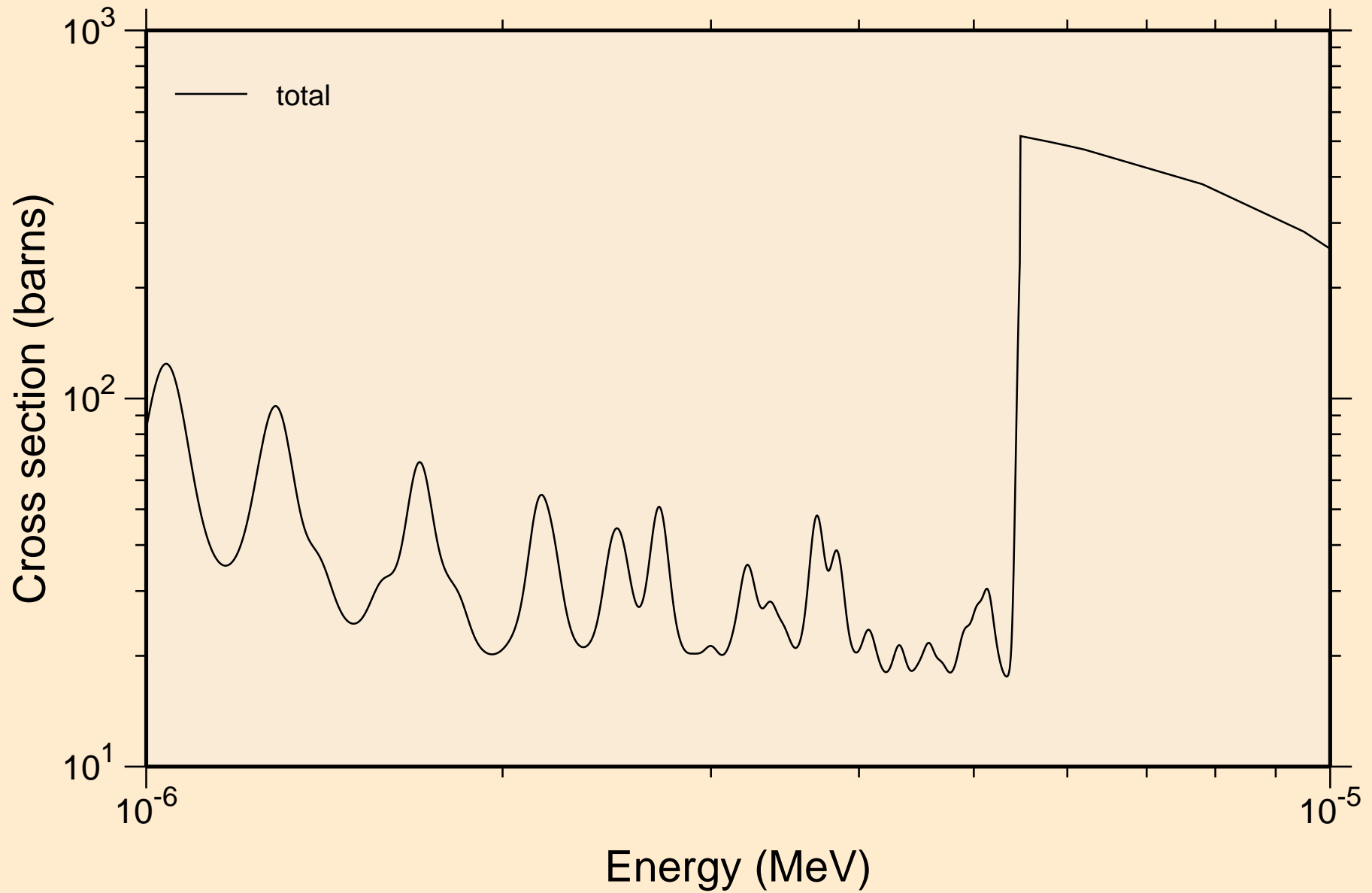
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



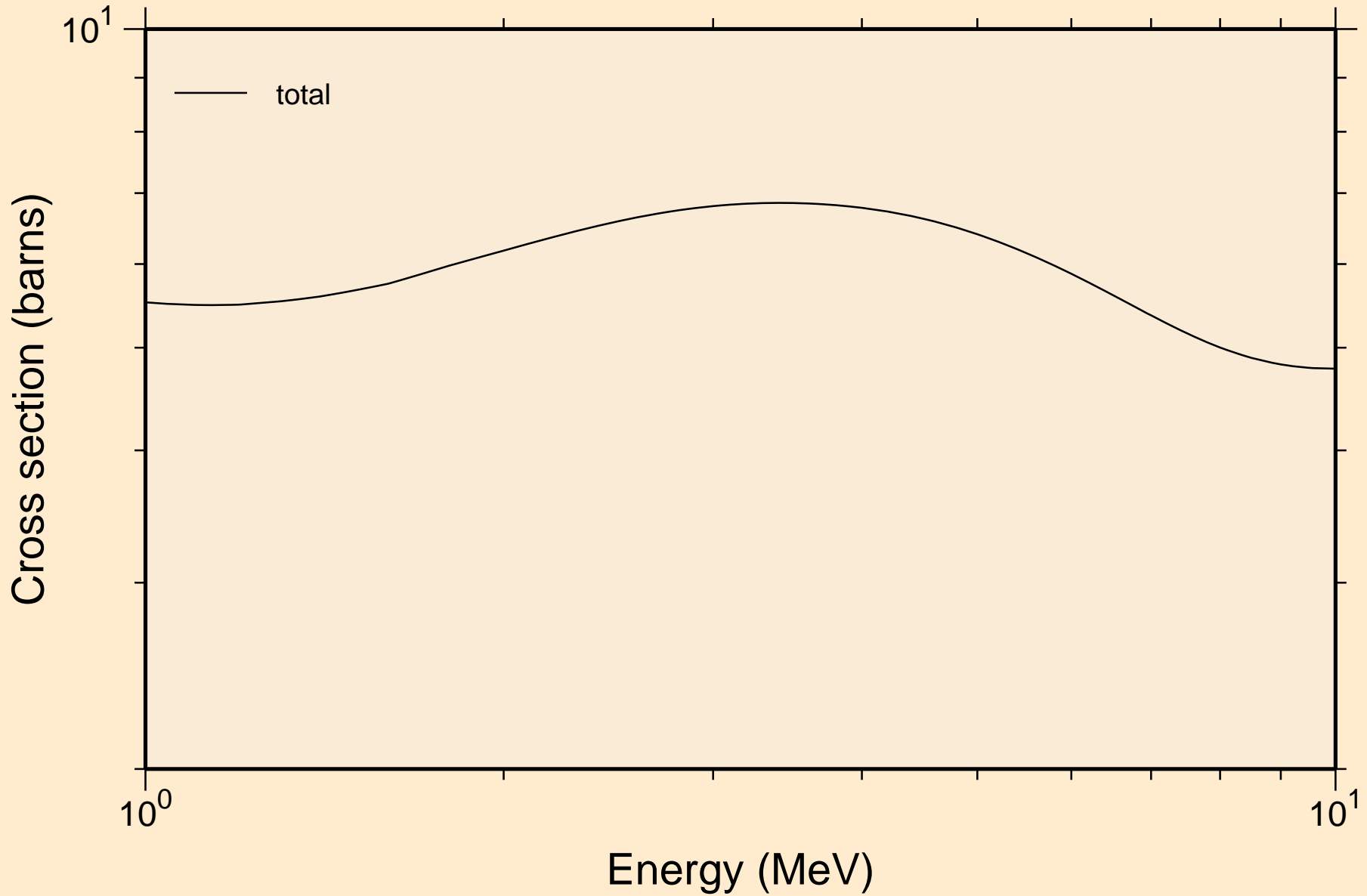
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



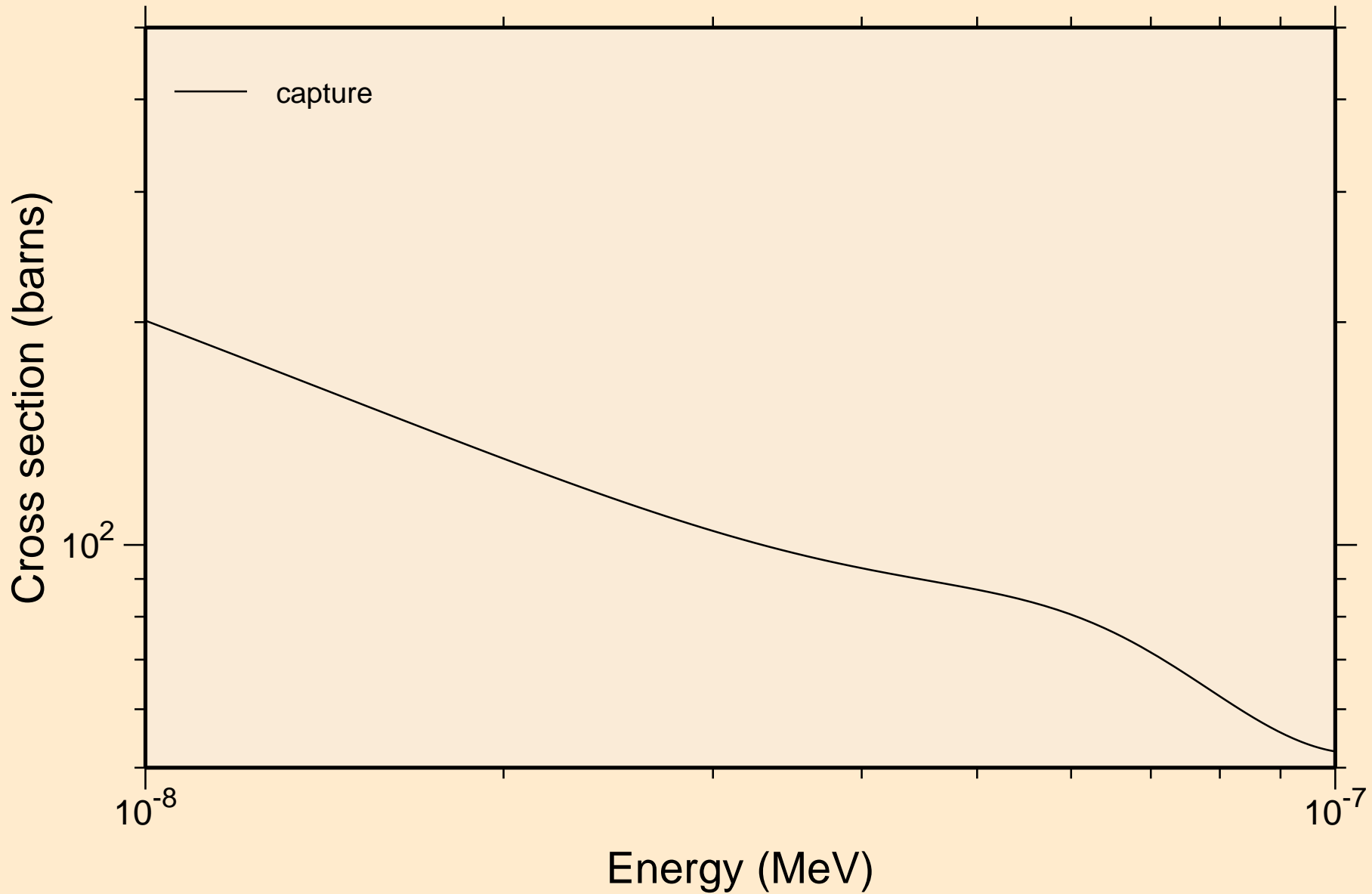
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



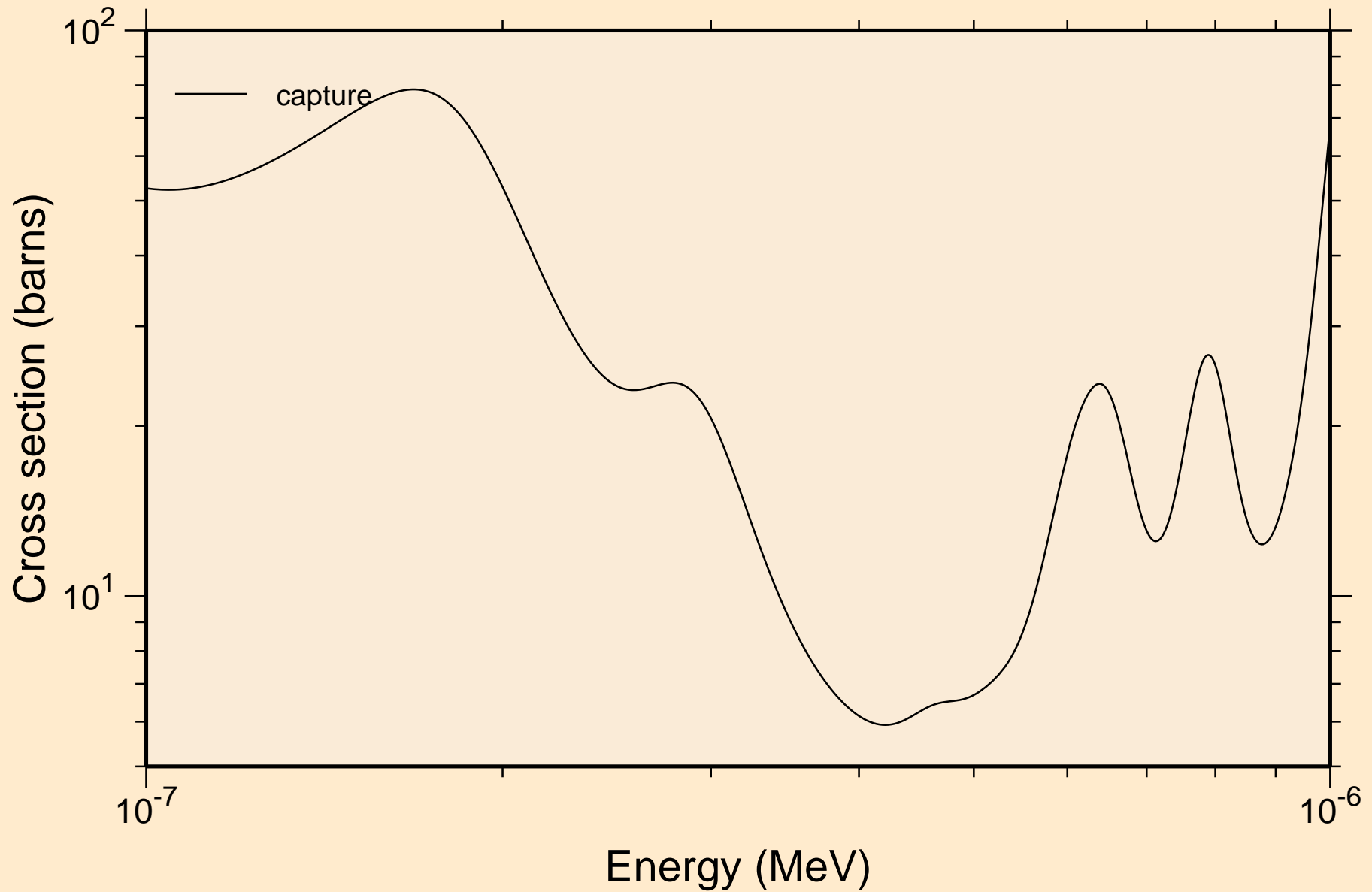
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



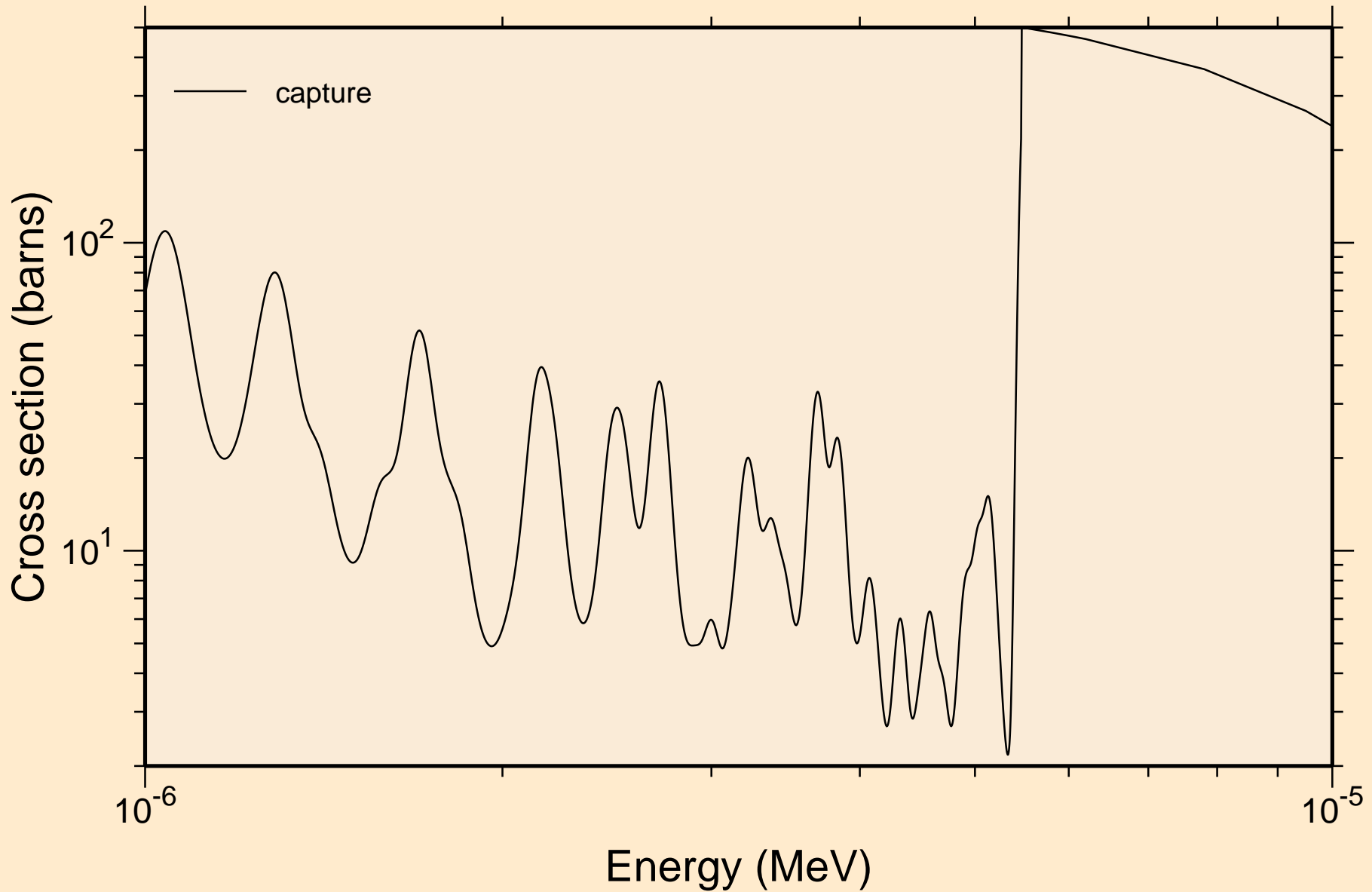
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

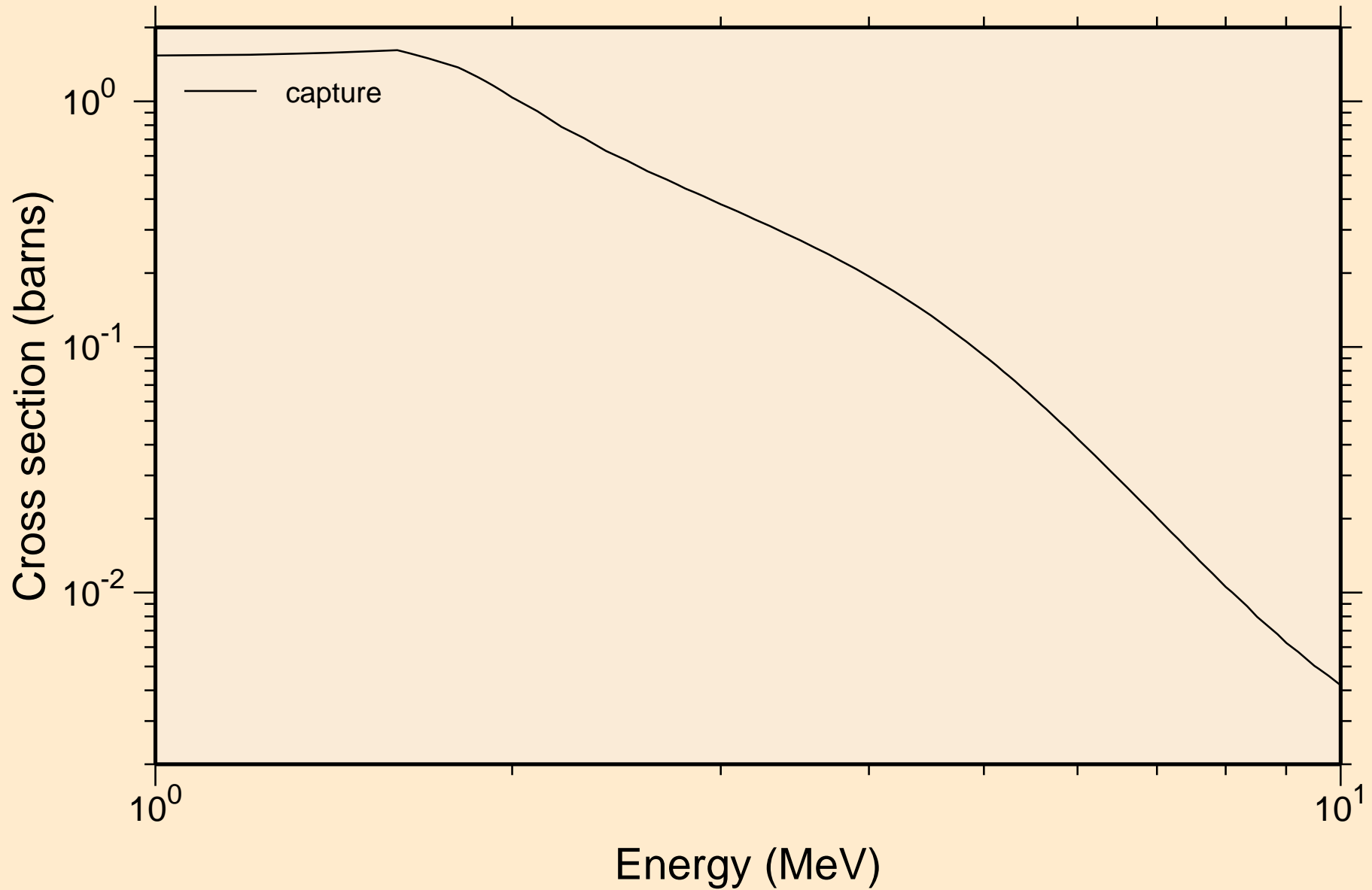


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

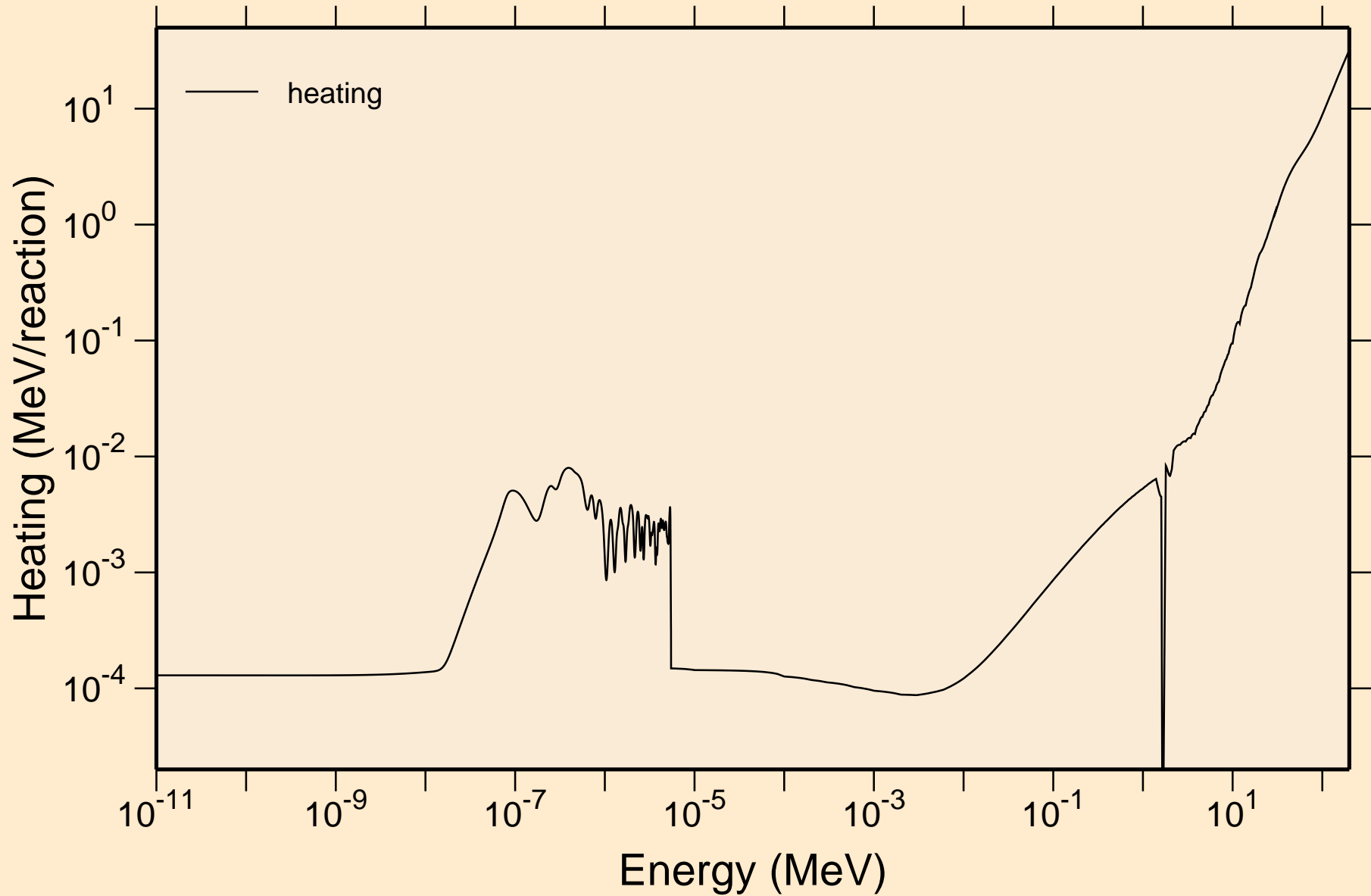




IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

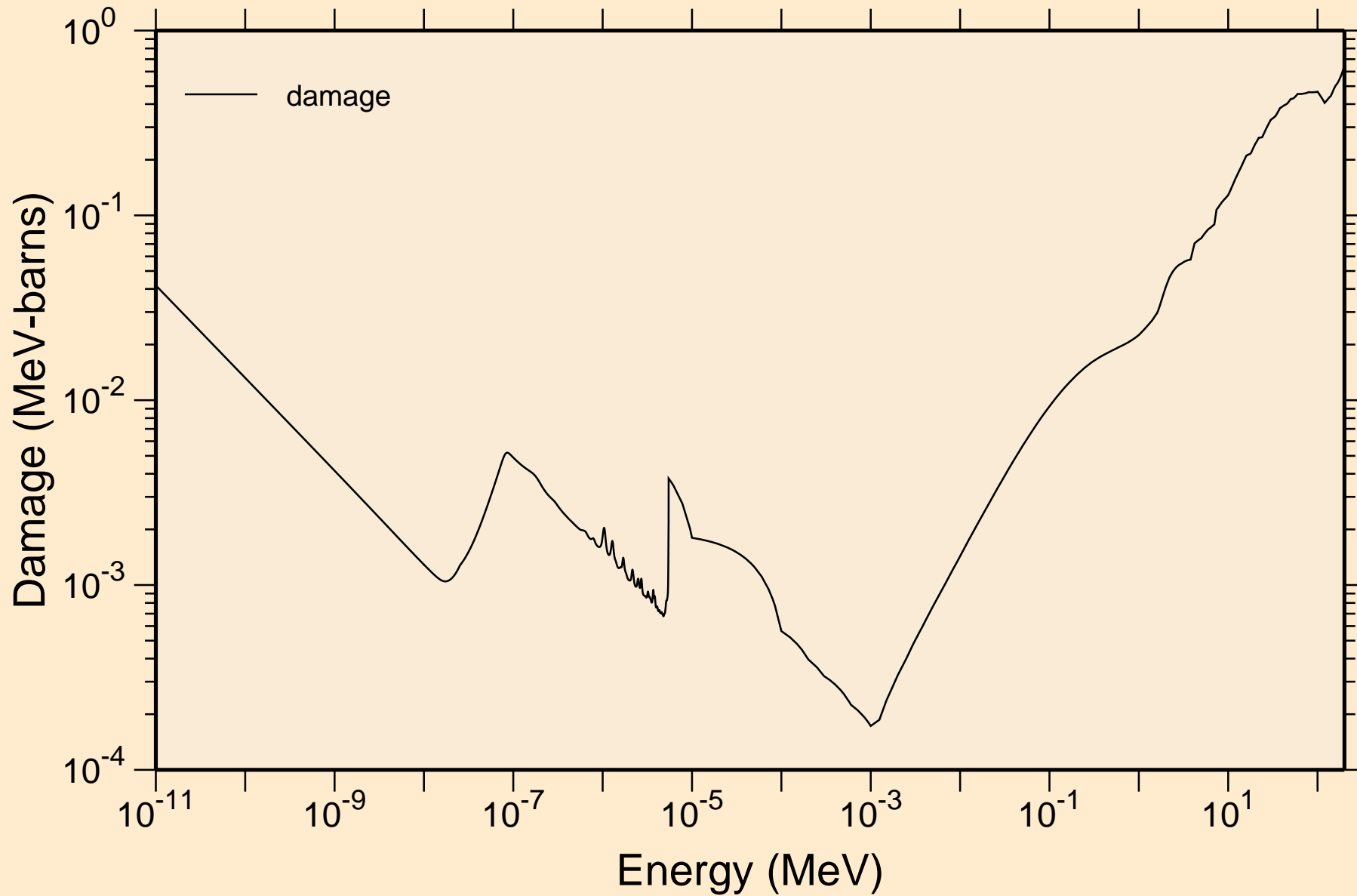


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



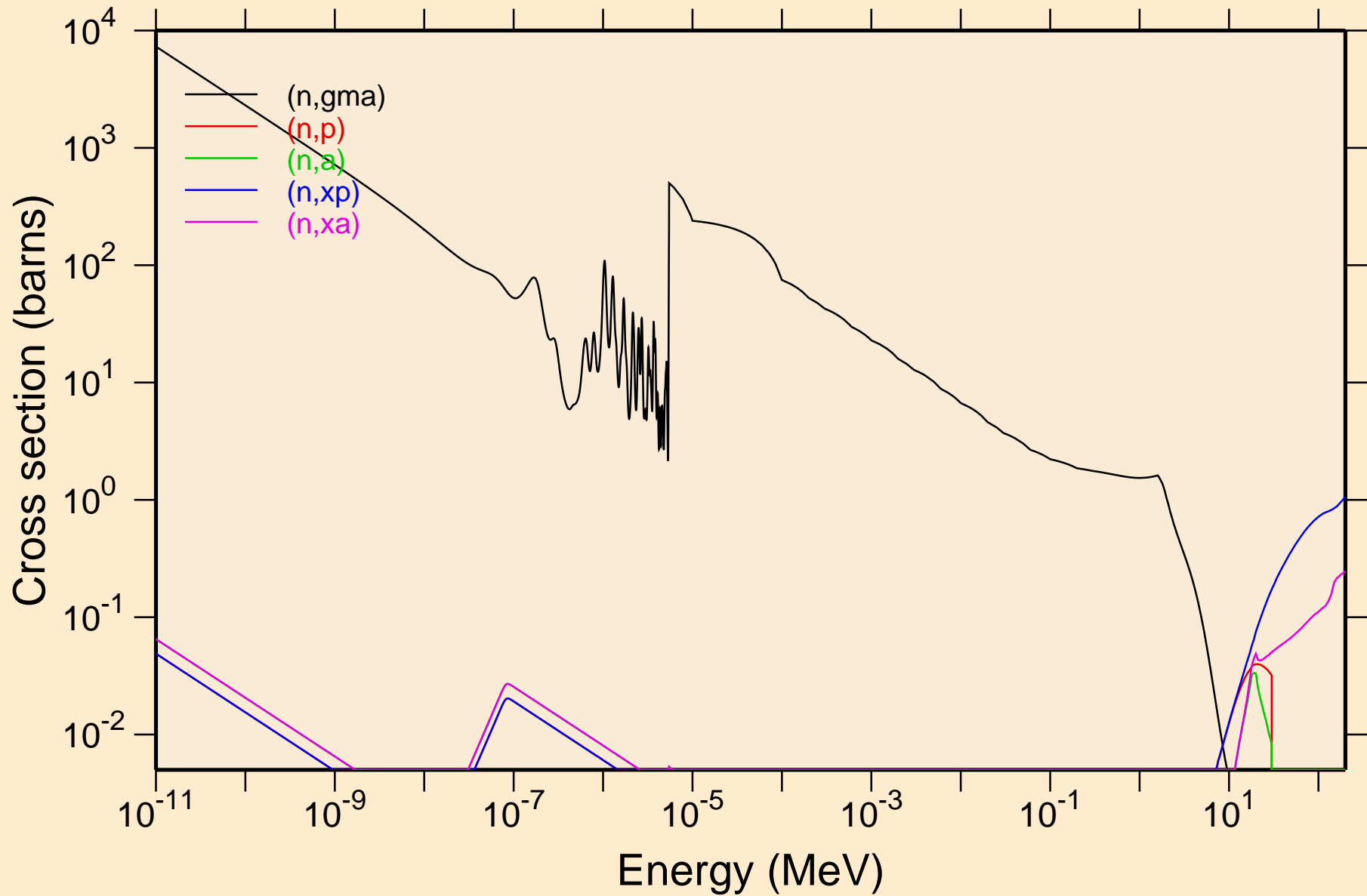
# IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage



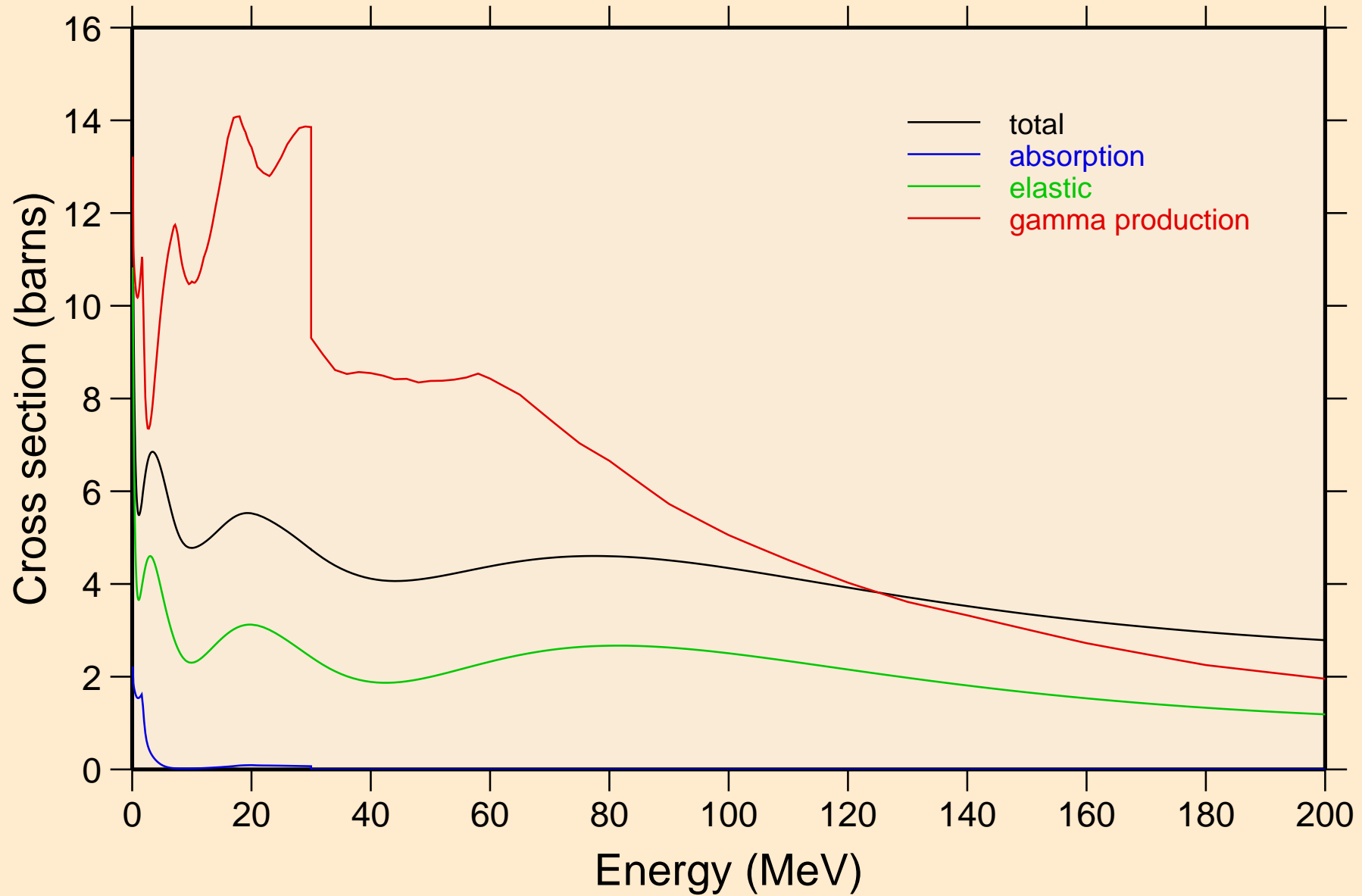
# IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



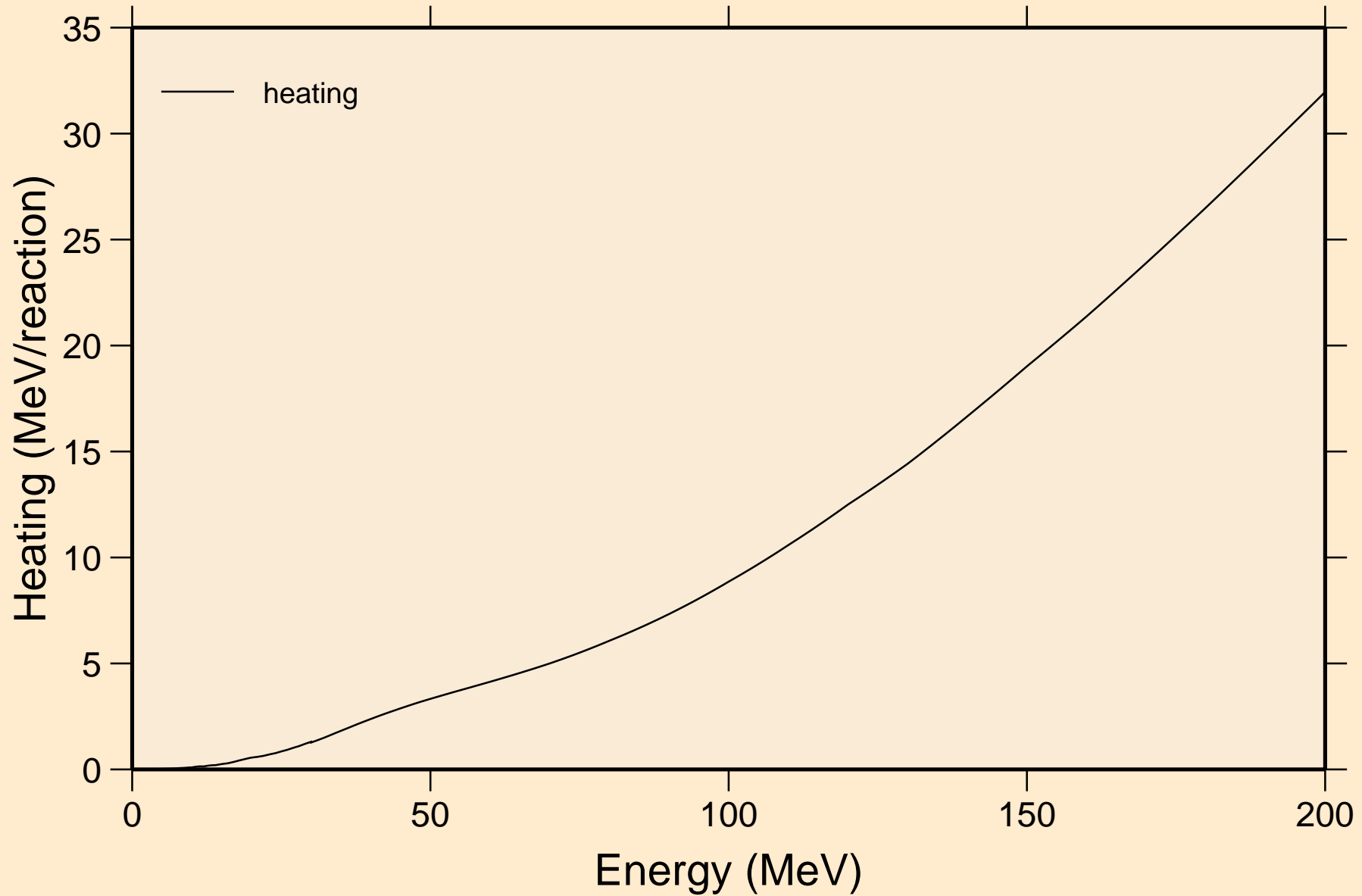
# IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

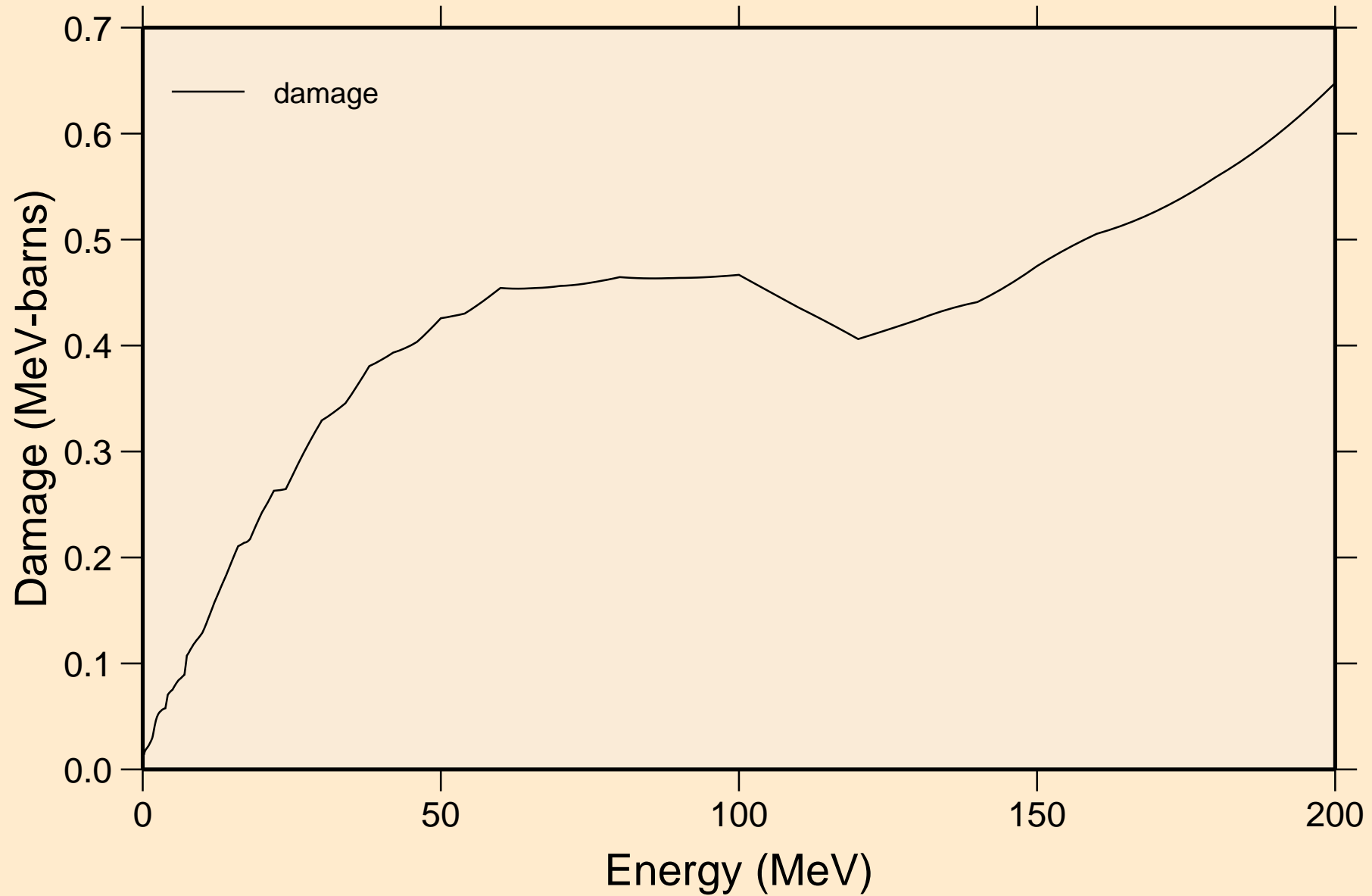


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

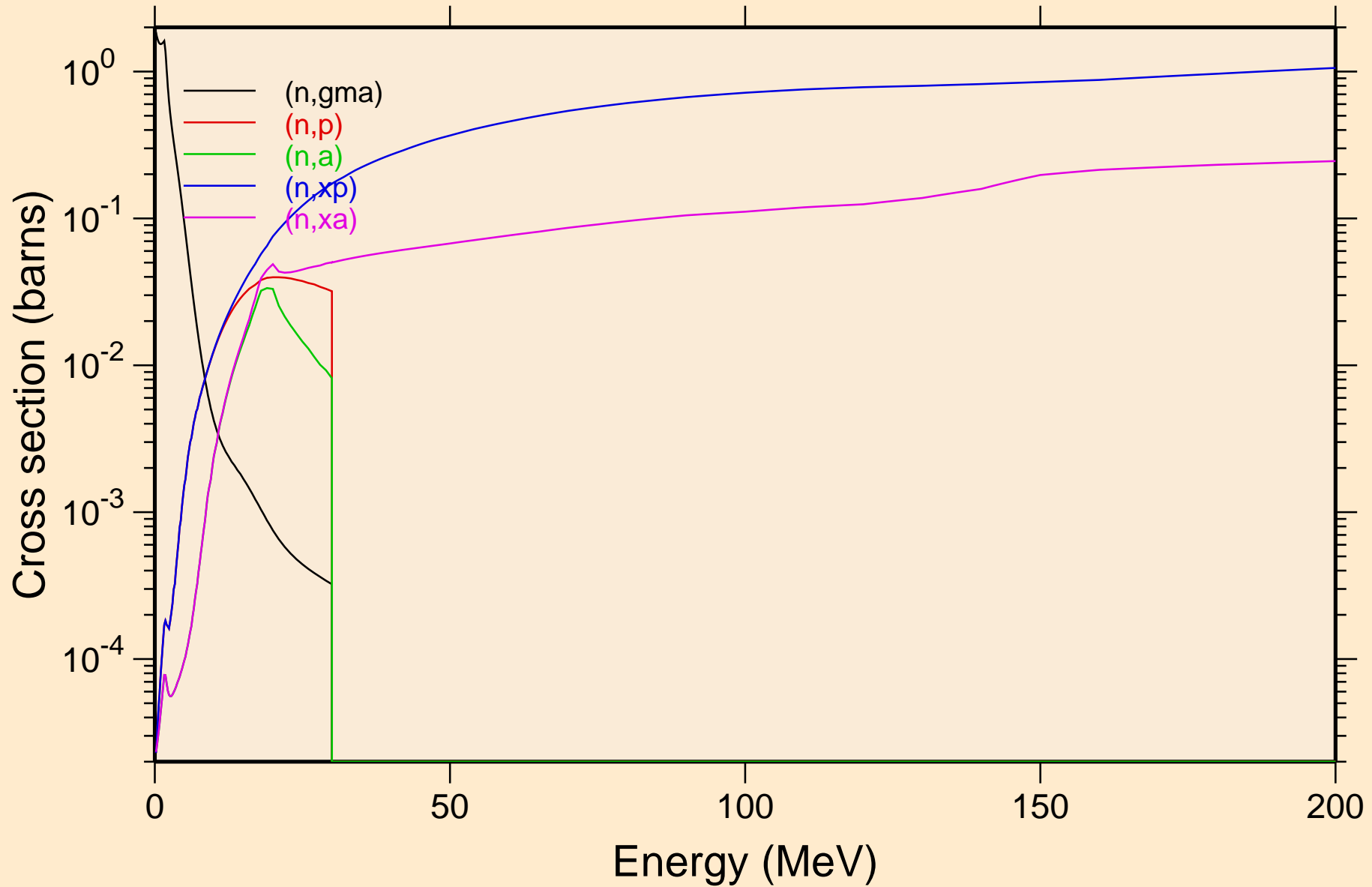
Heating



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

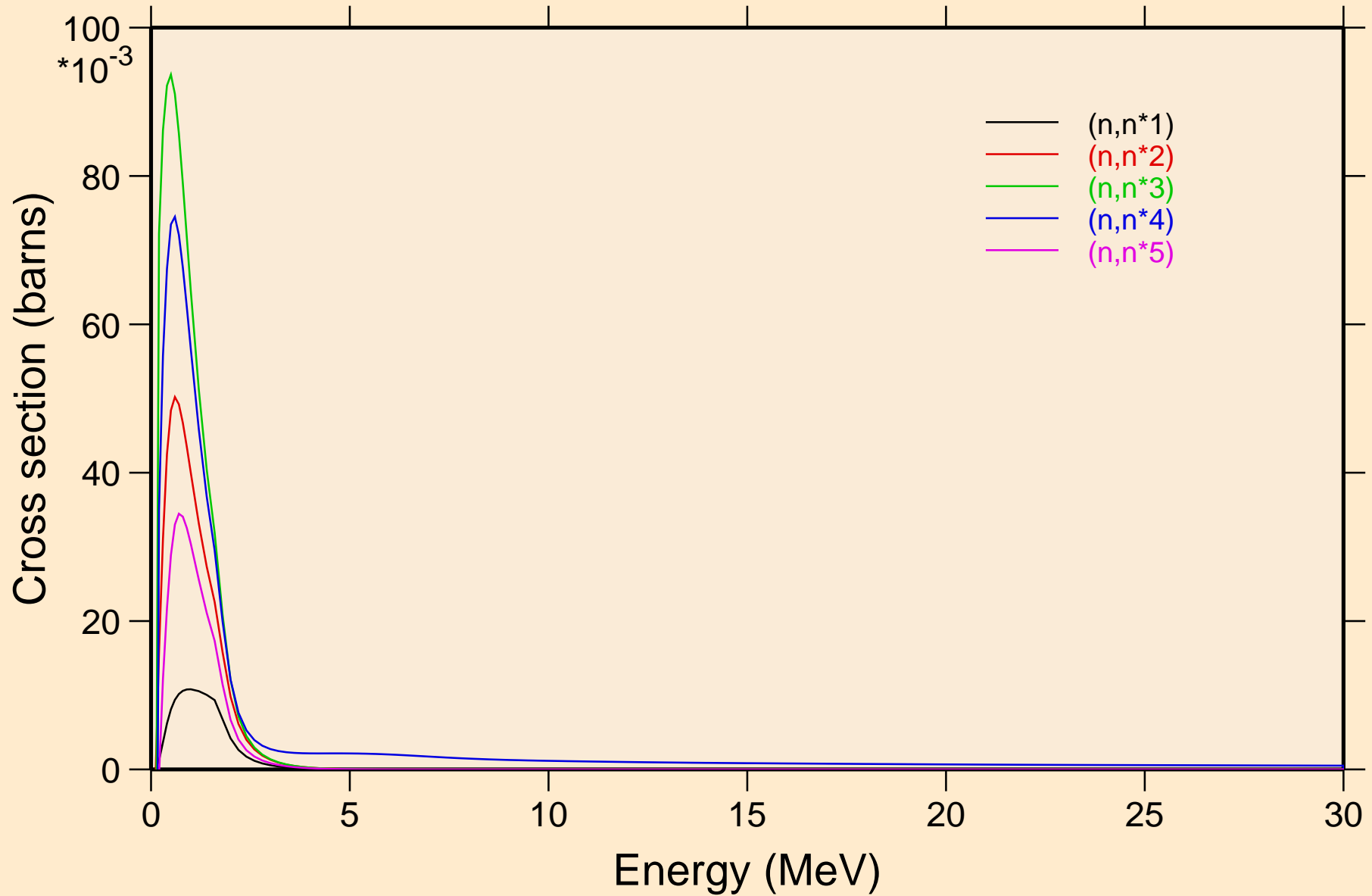


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

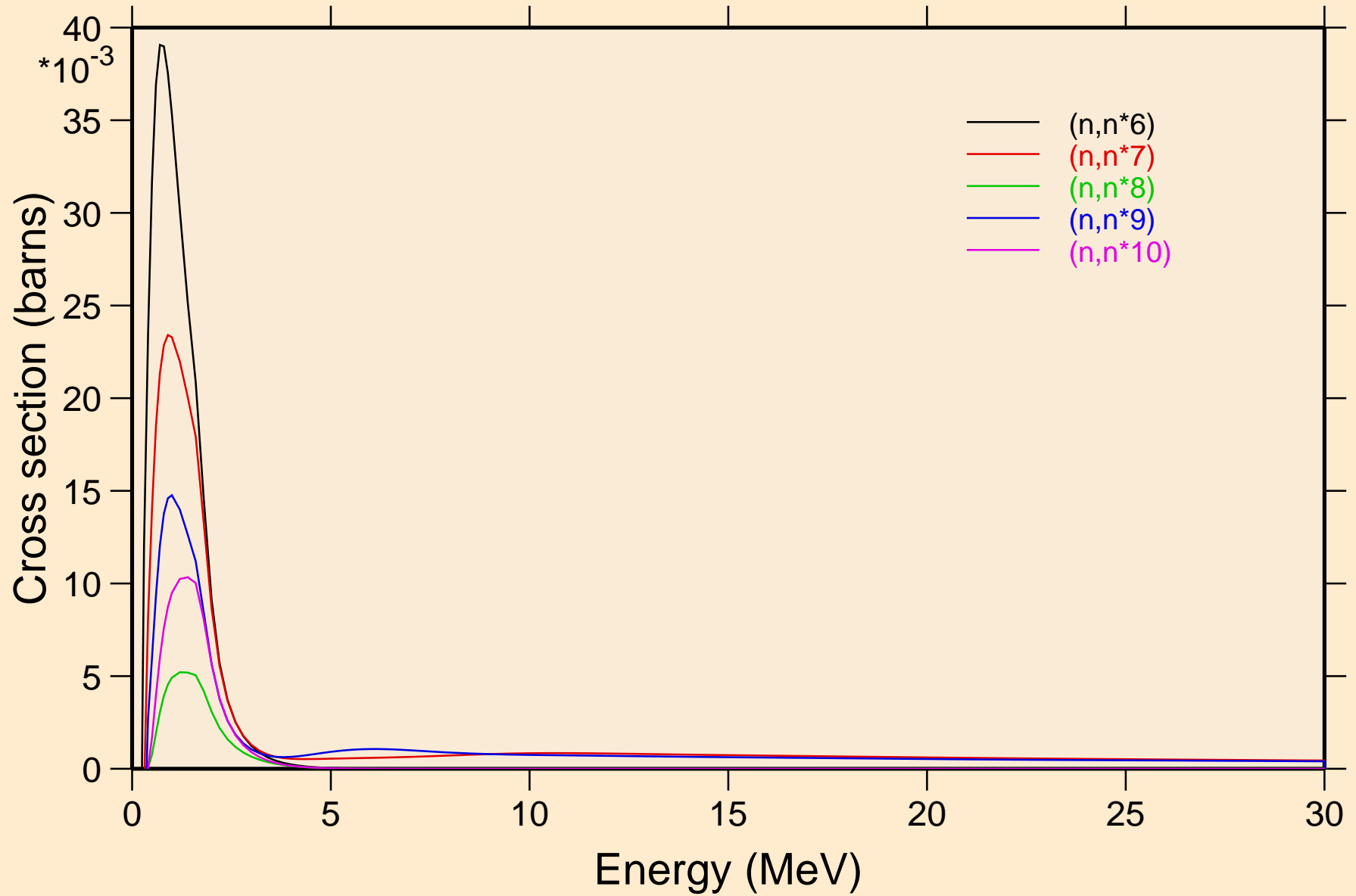




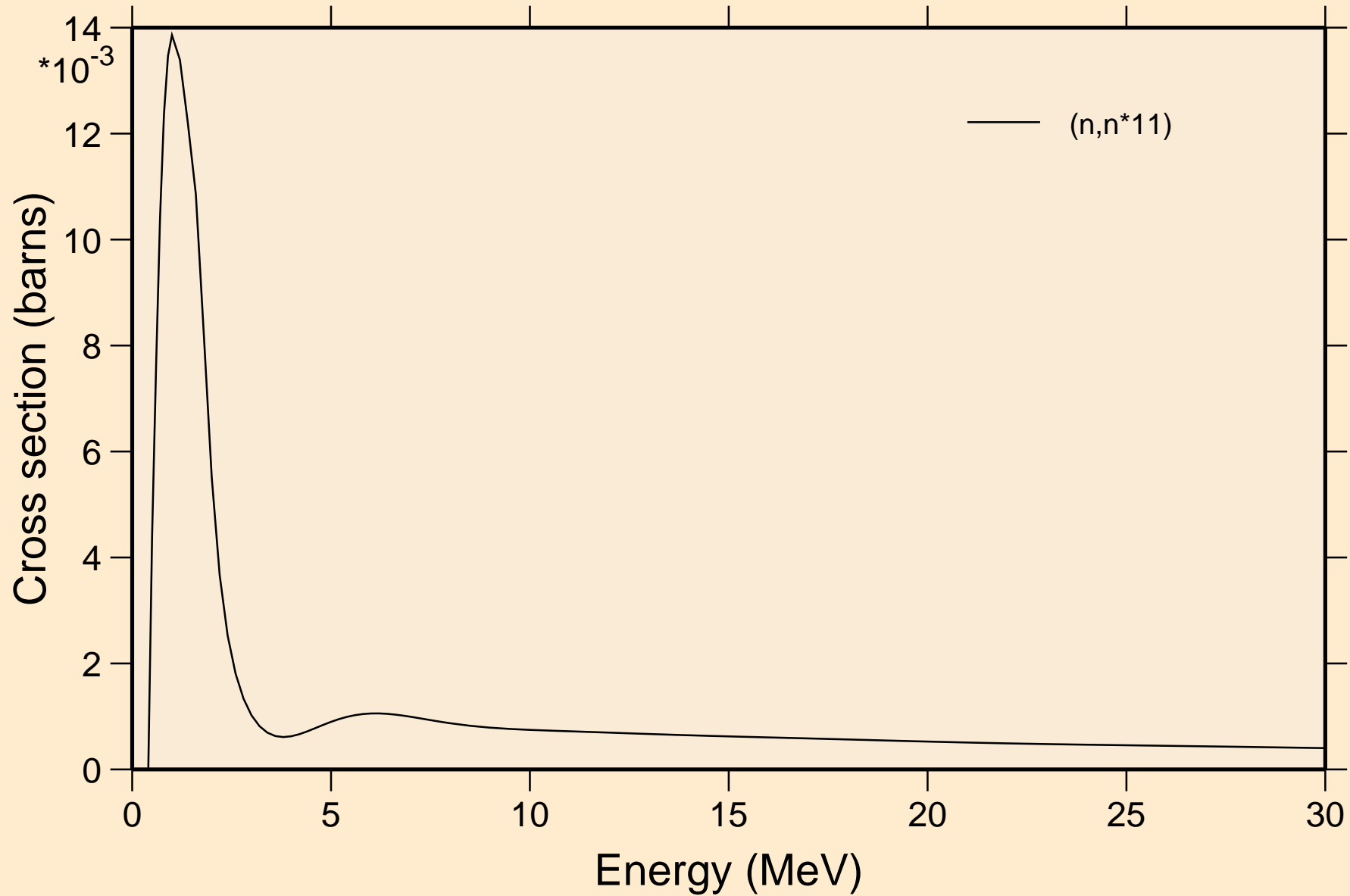
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



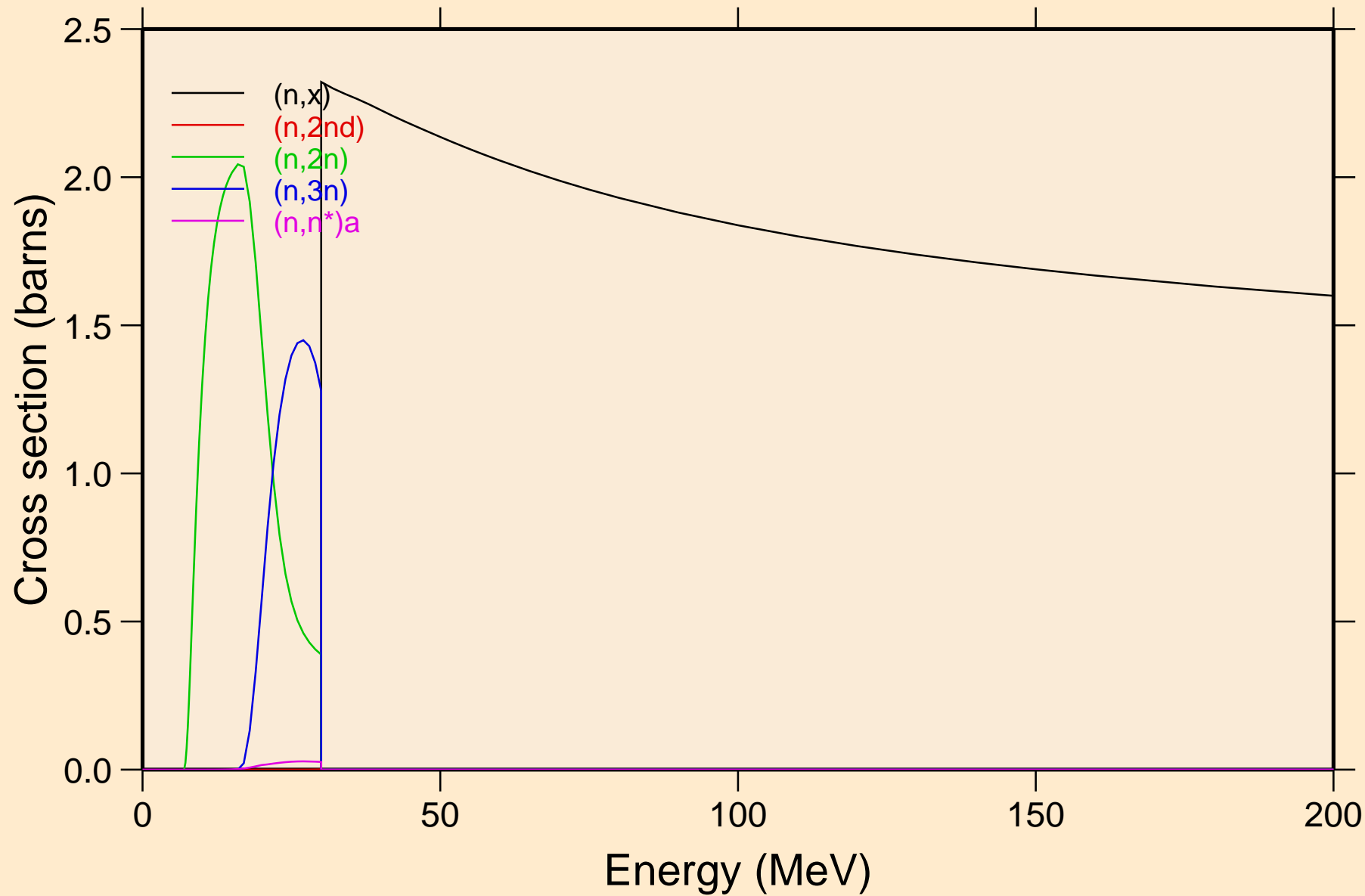
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



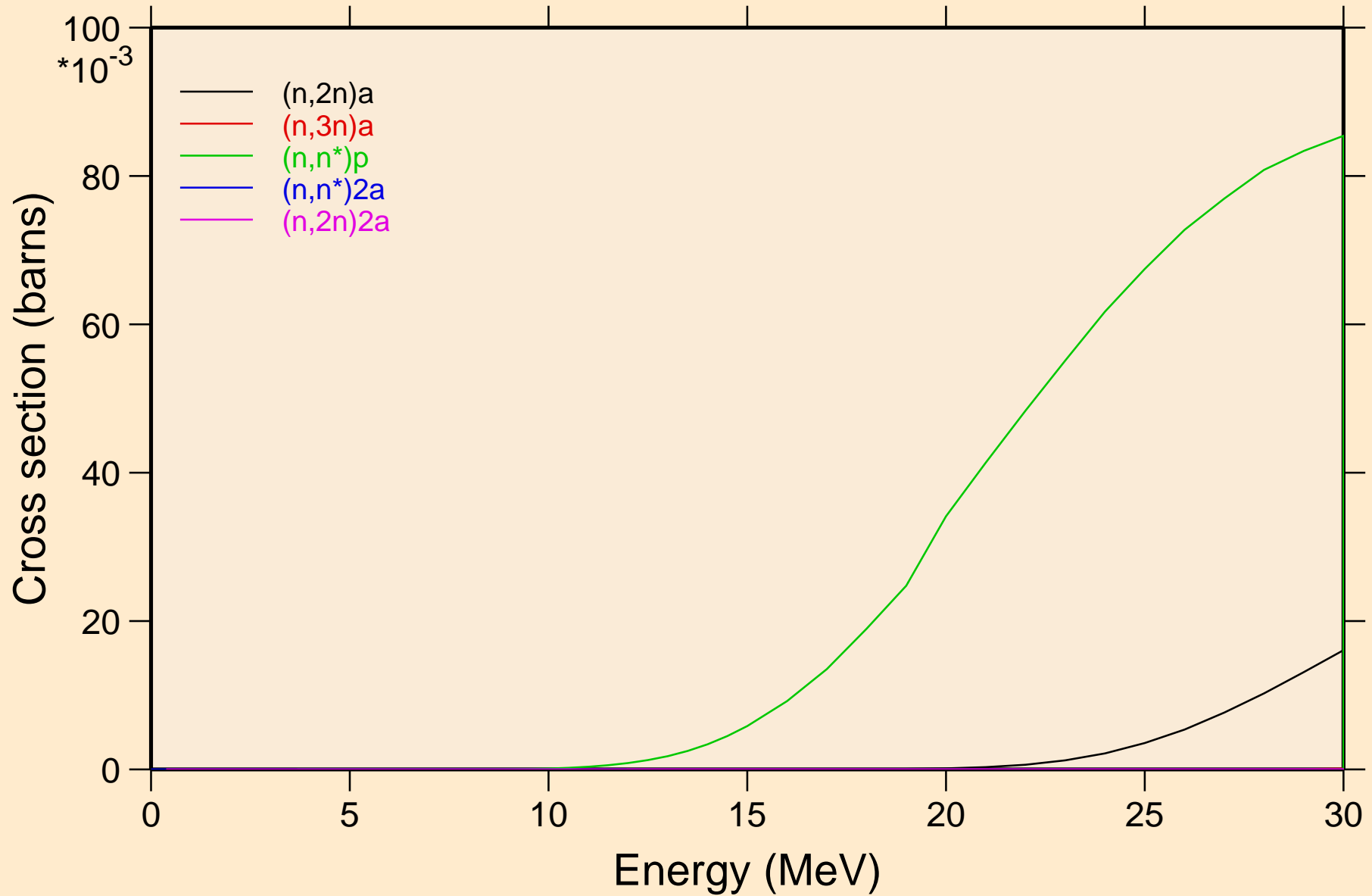
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

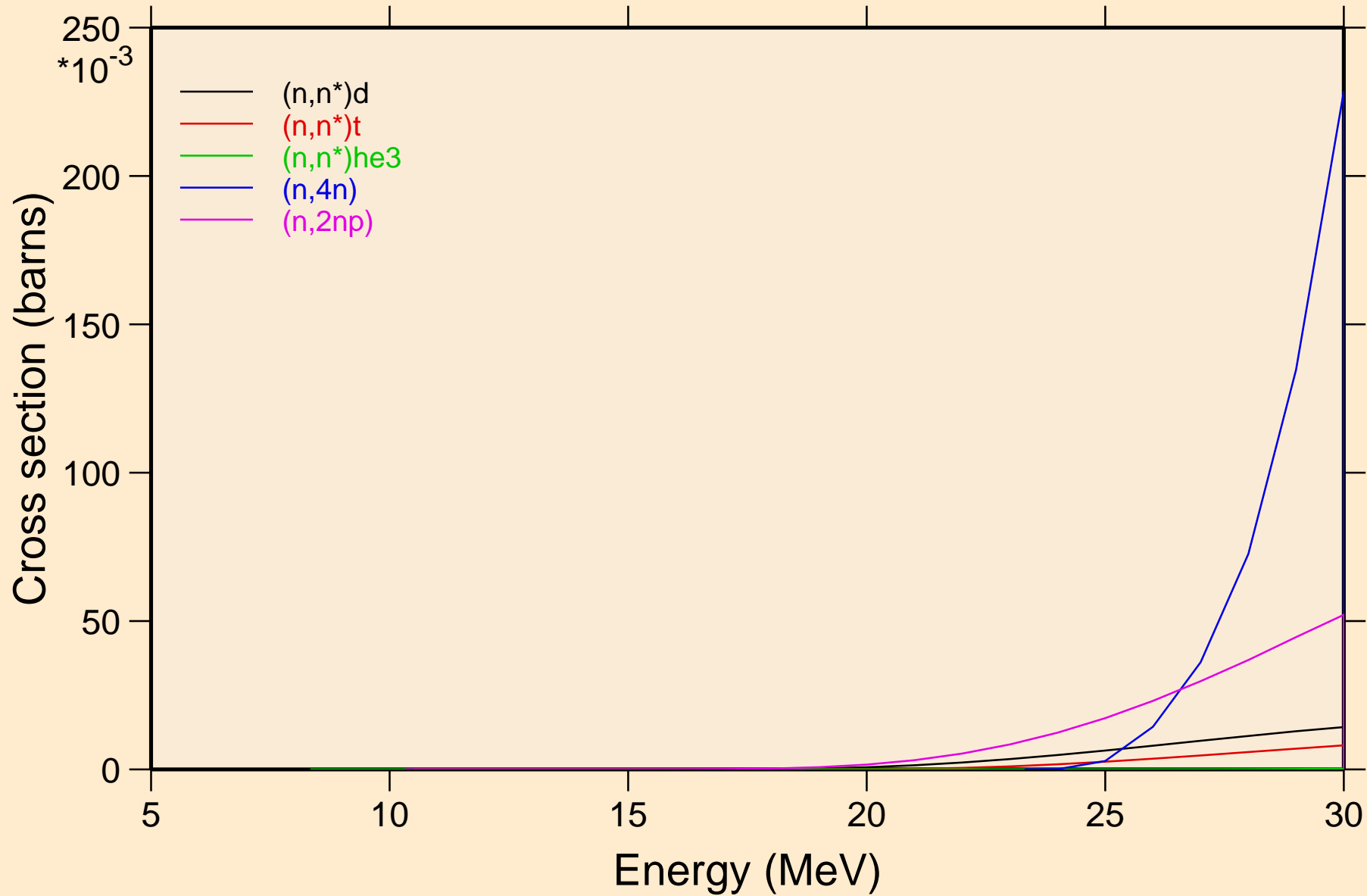


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

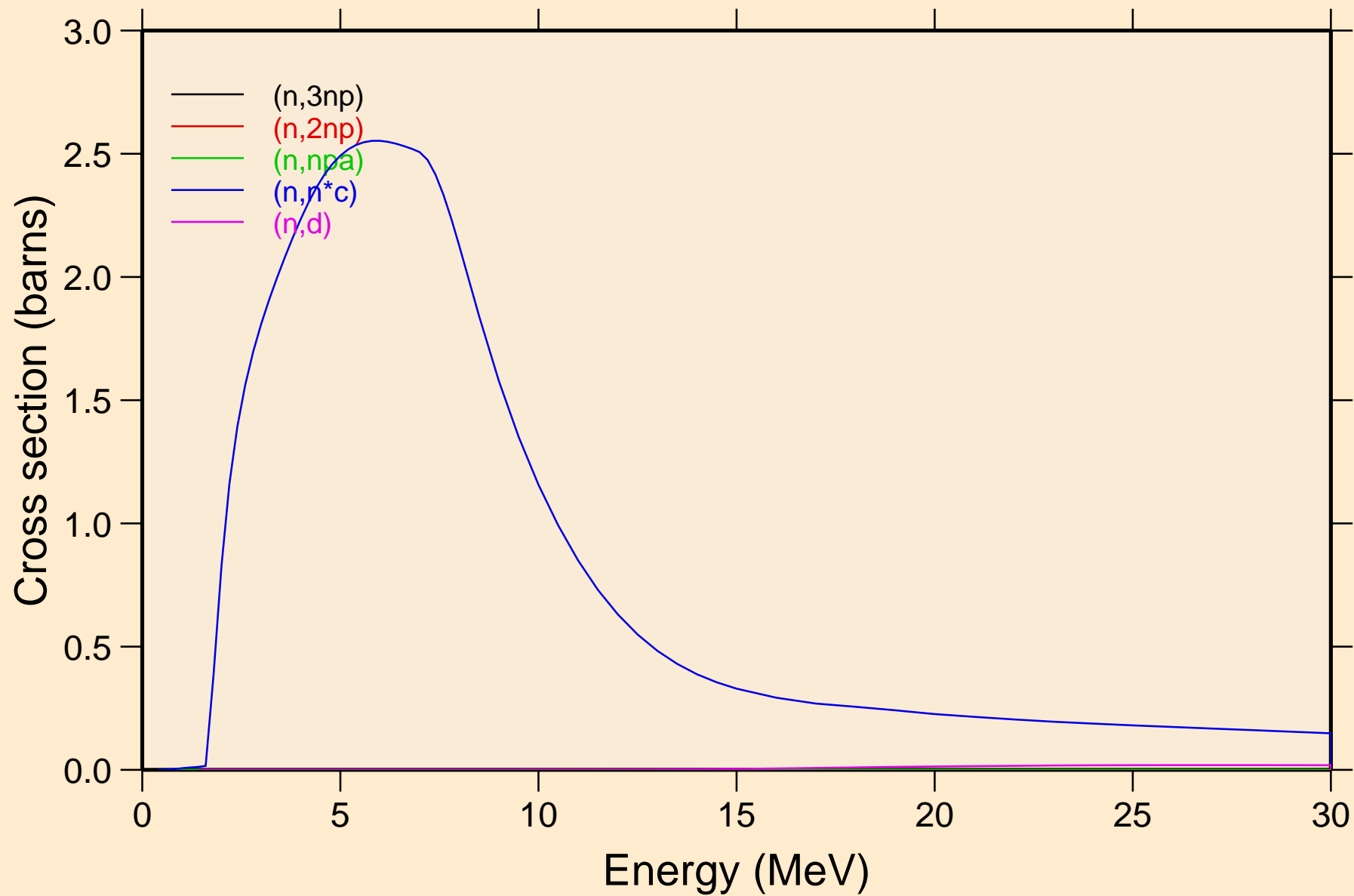


# IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

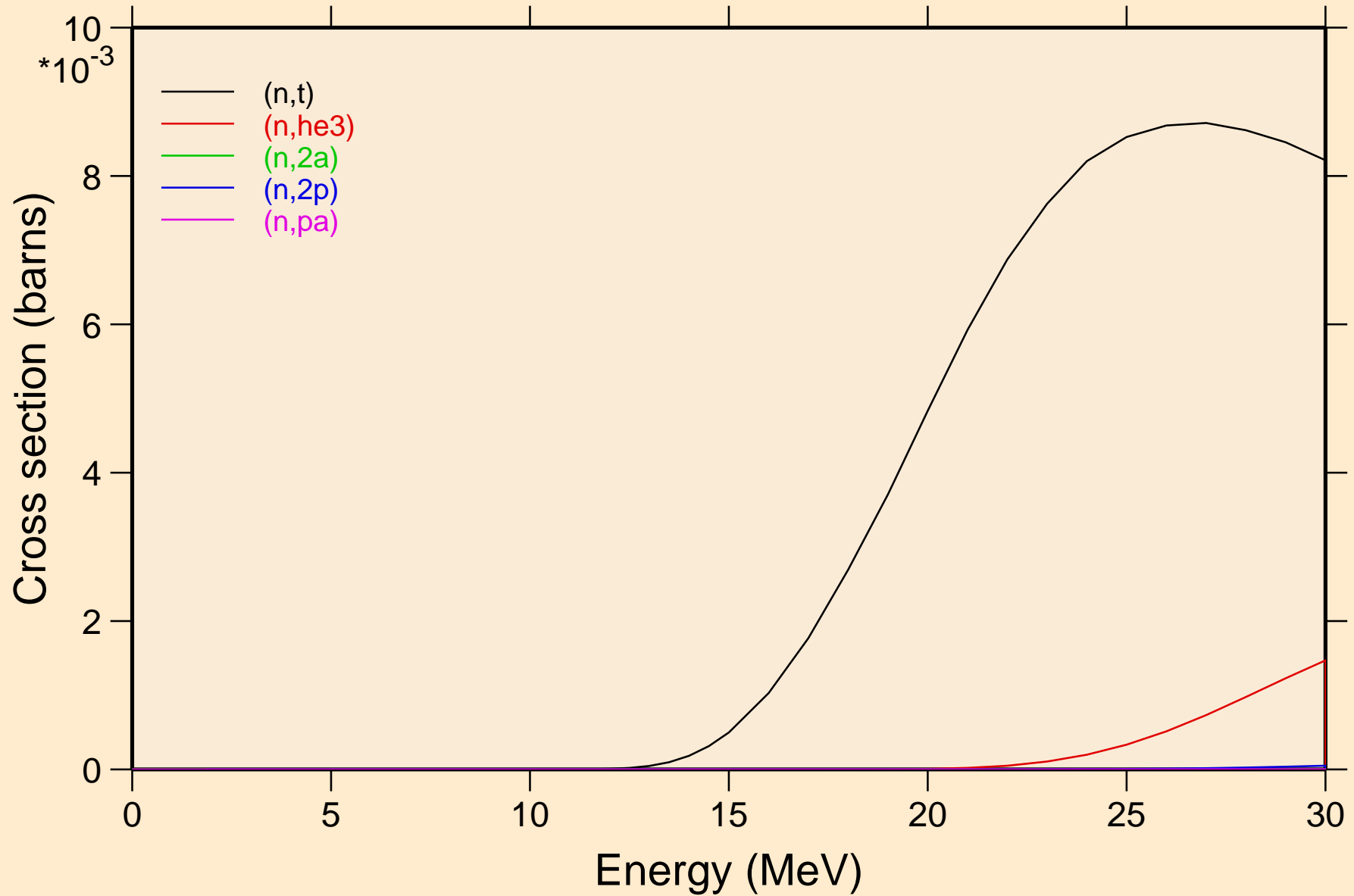
## Threshold reactions



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

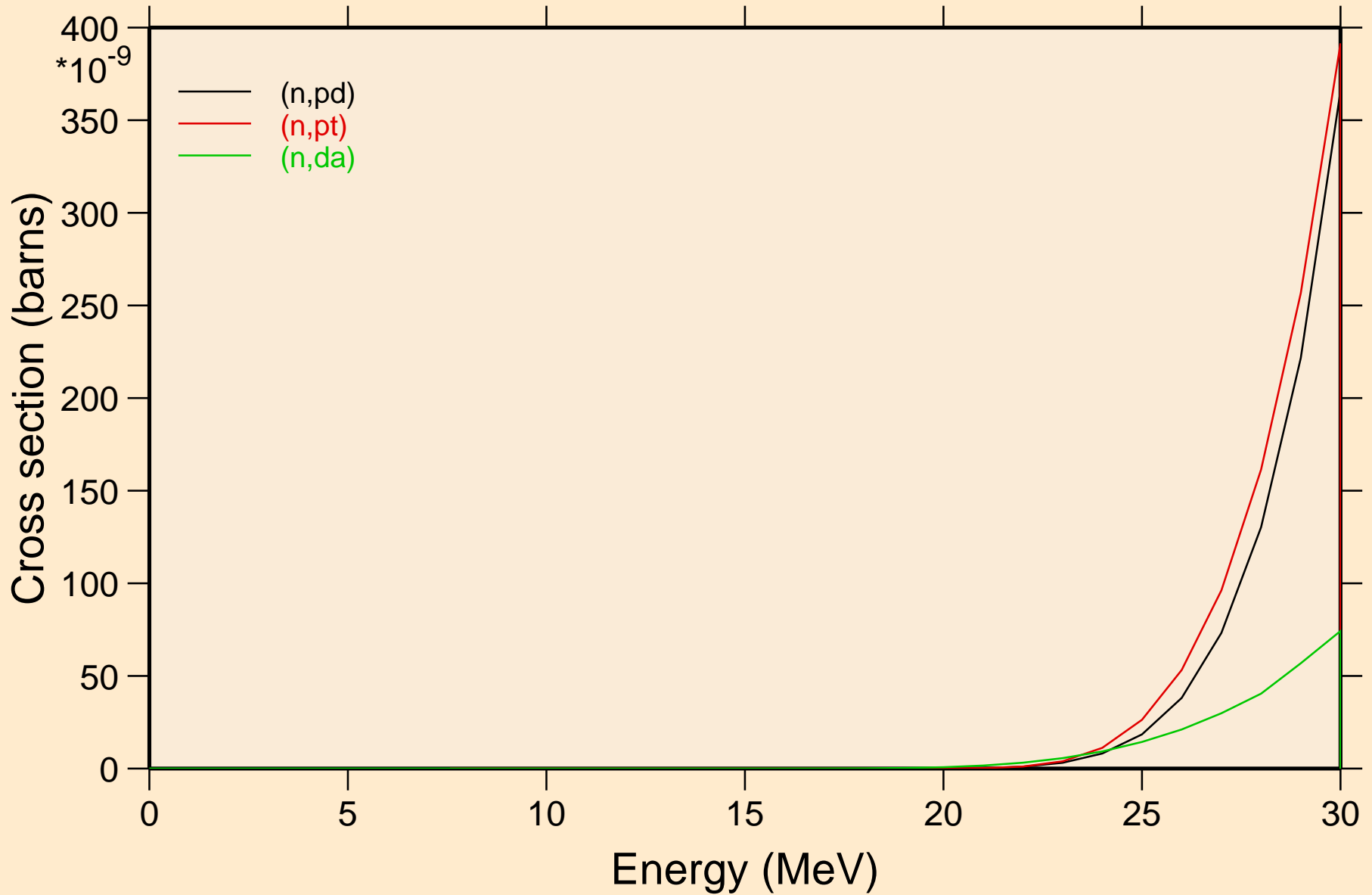


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



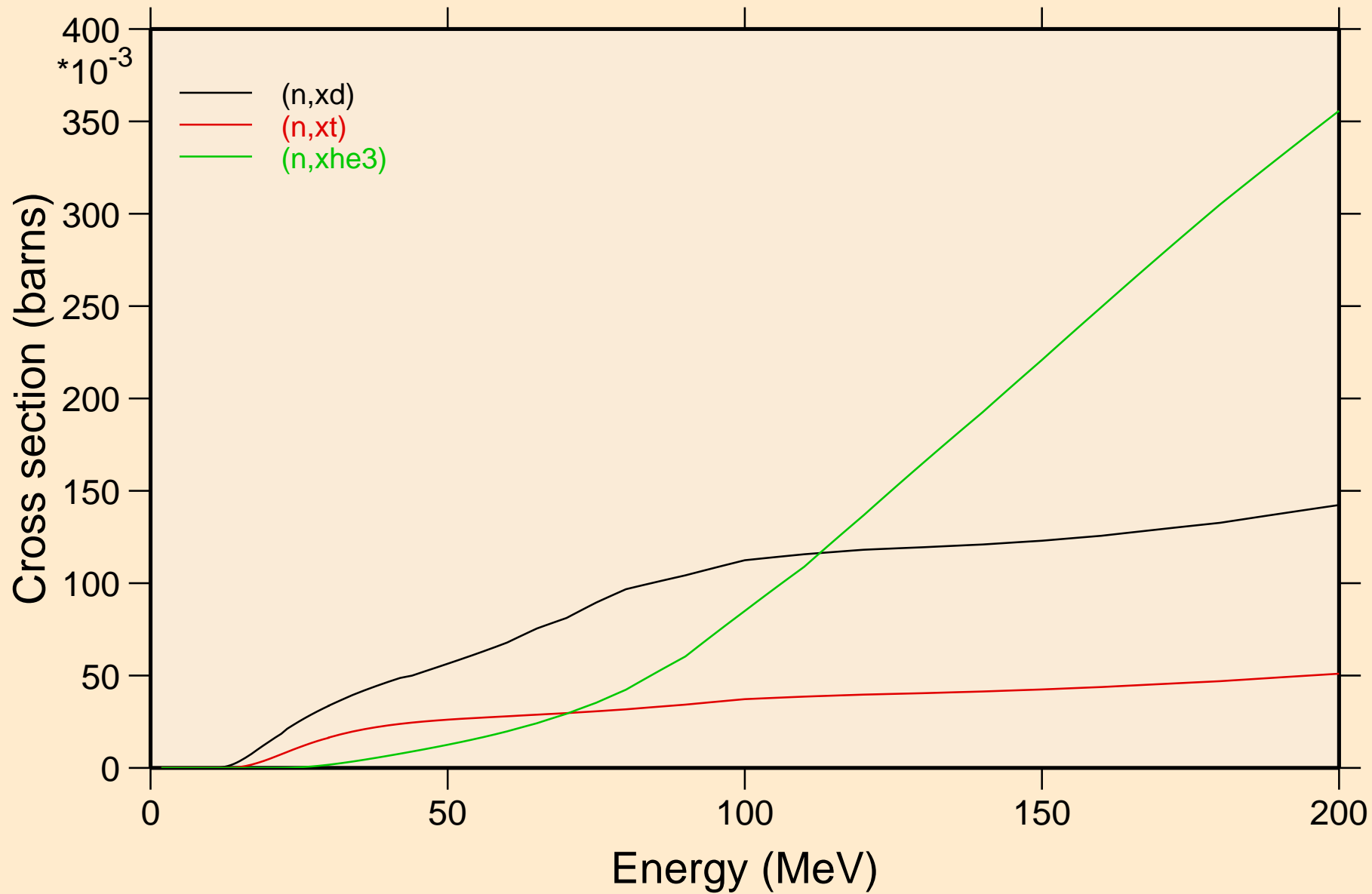


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

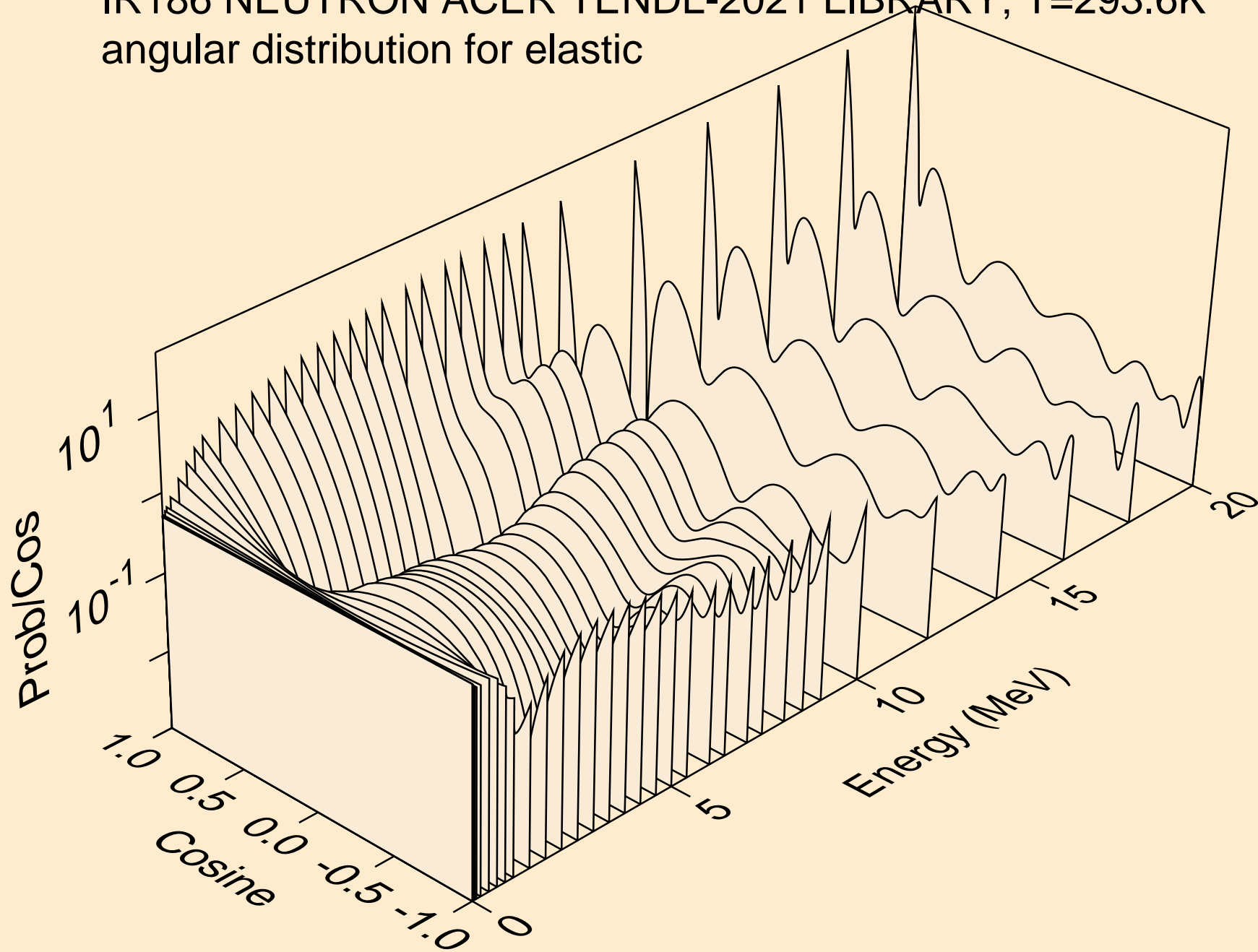


# IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

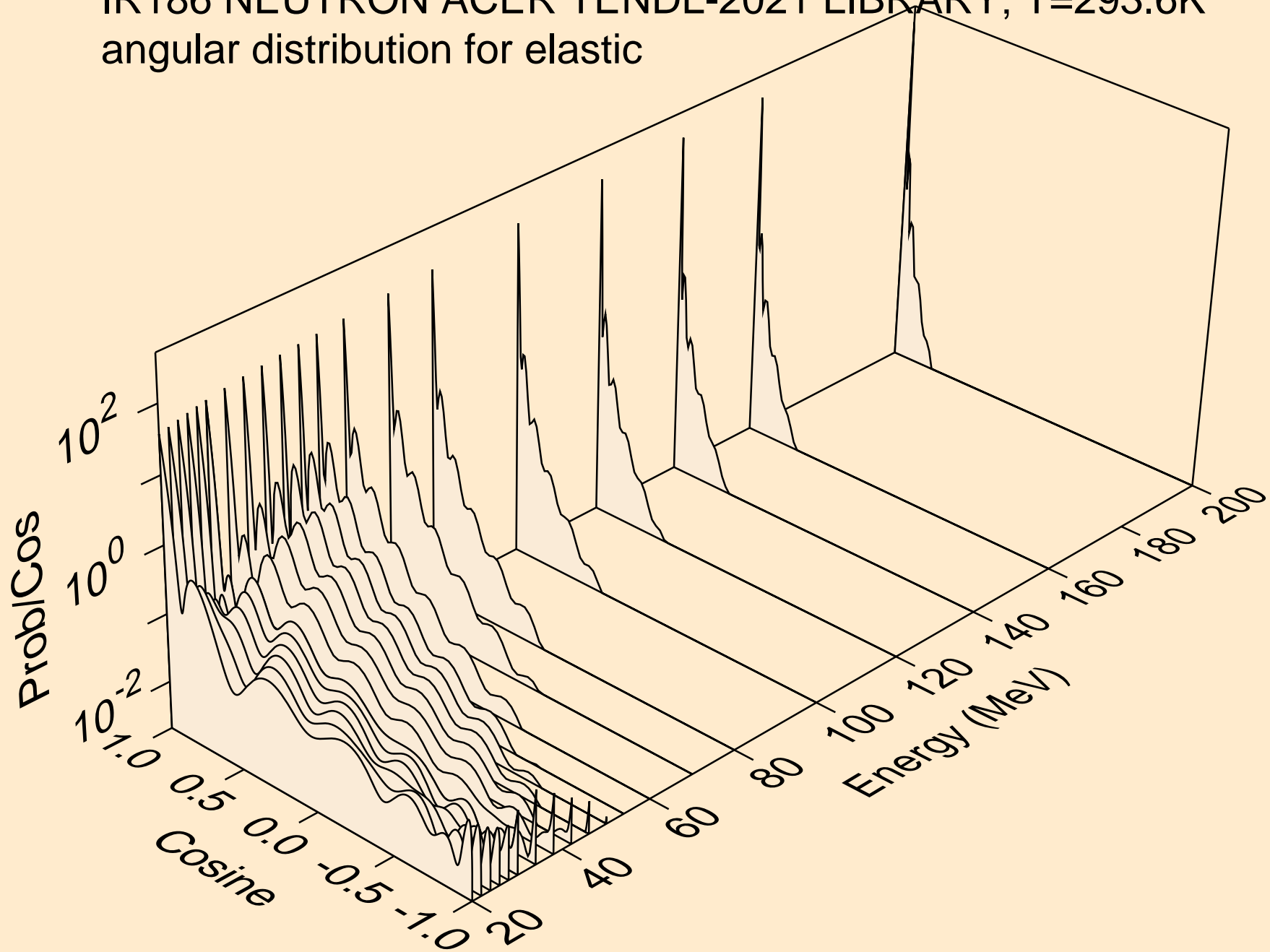
## Threshold reactions



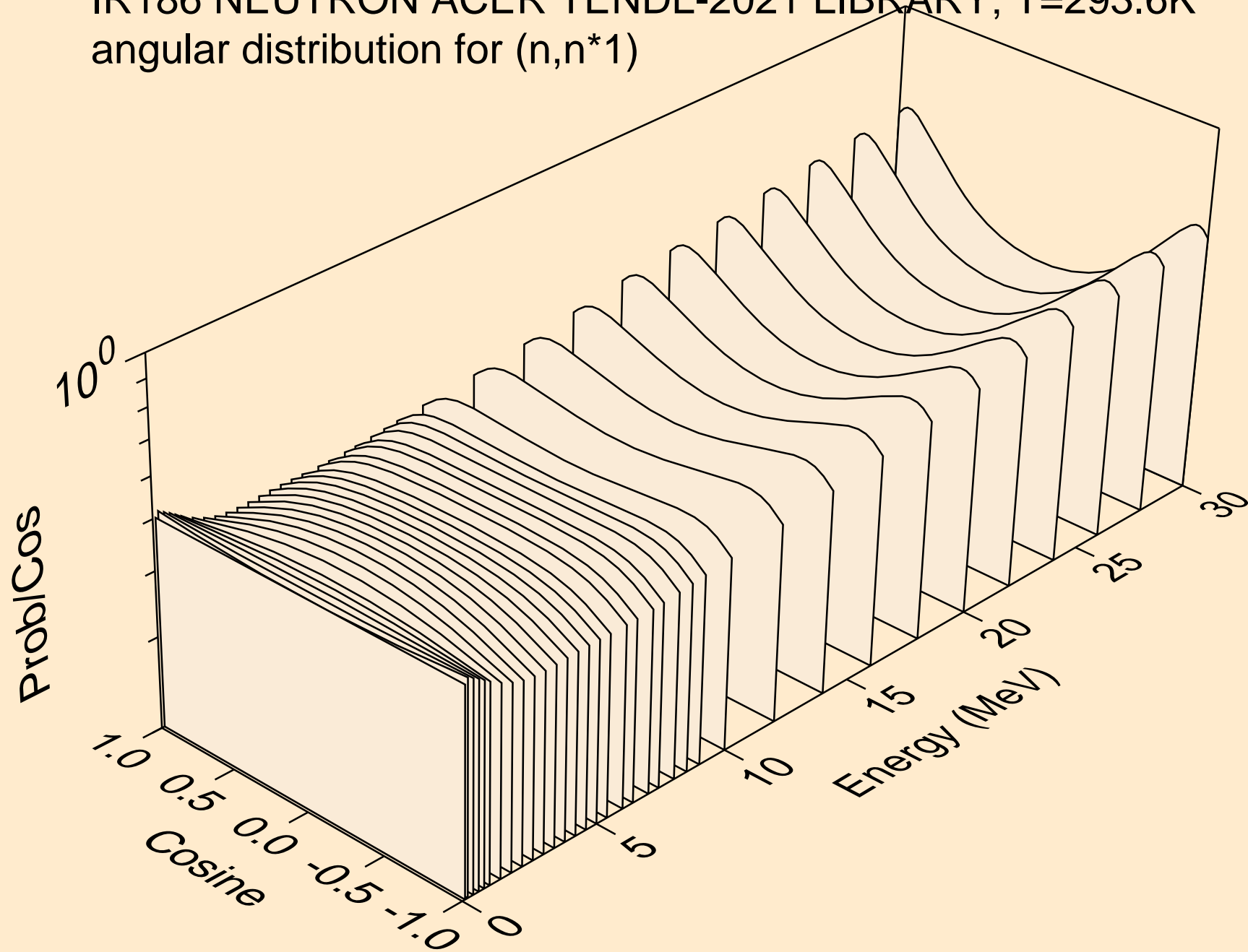
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



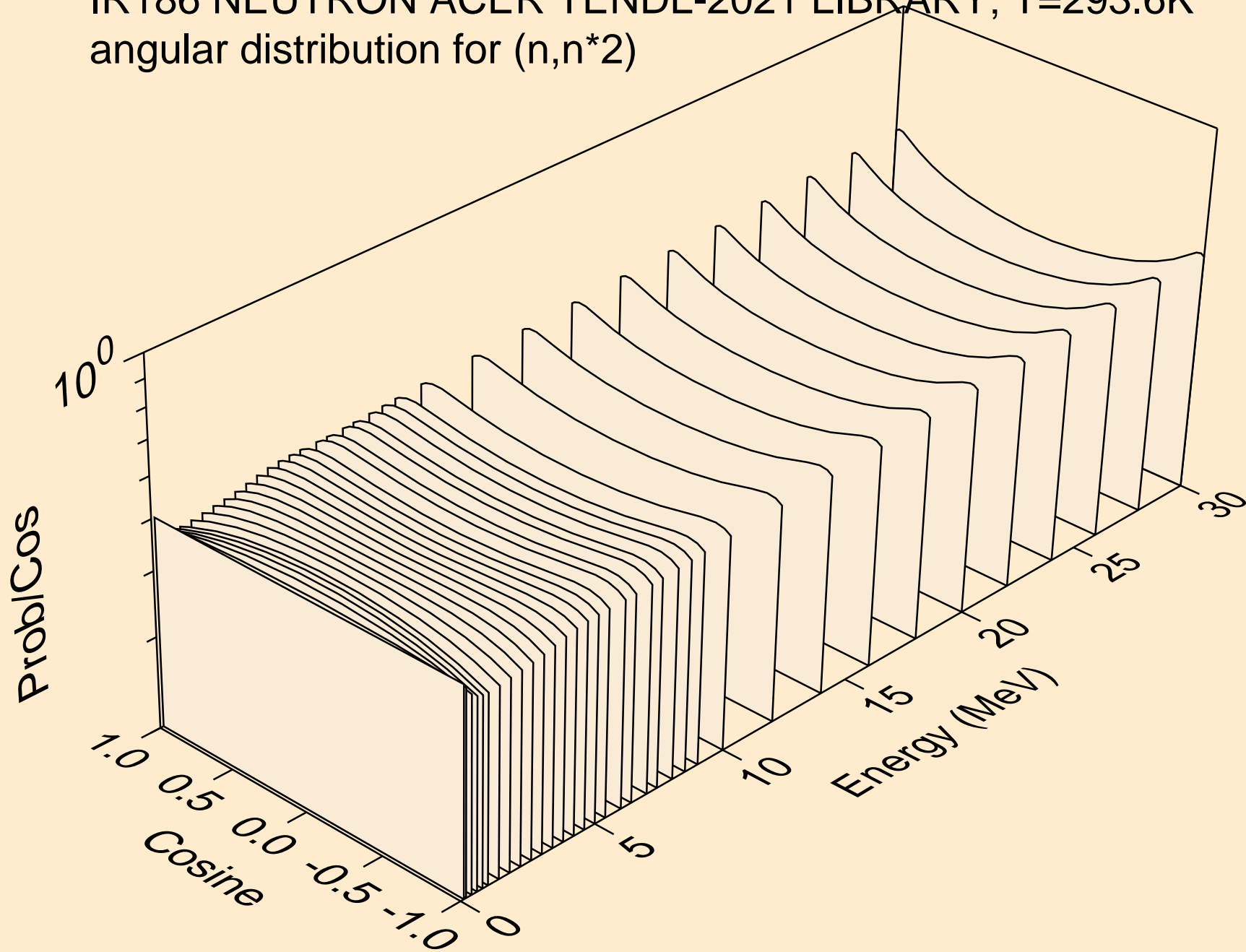
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



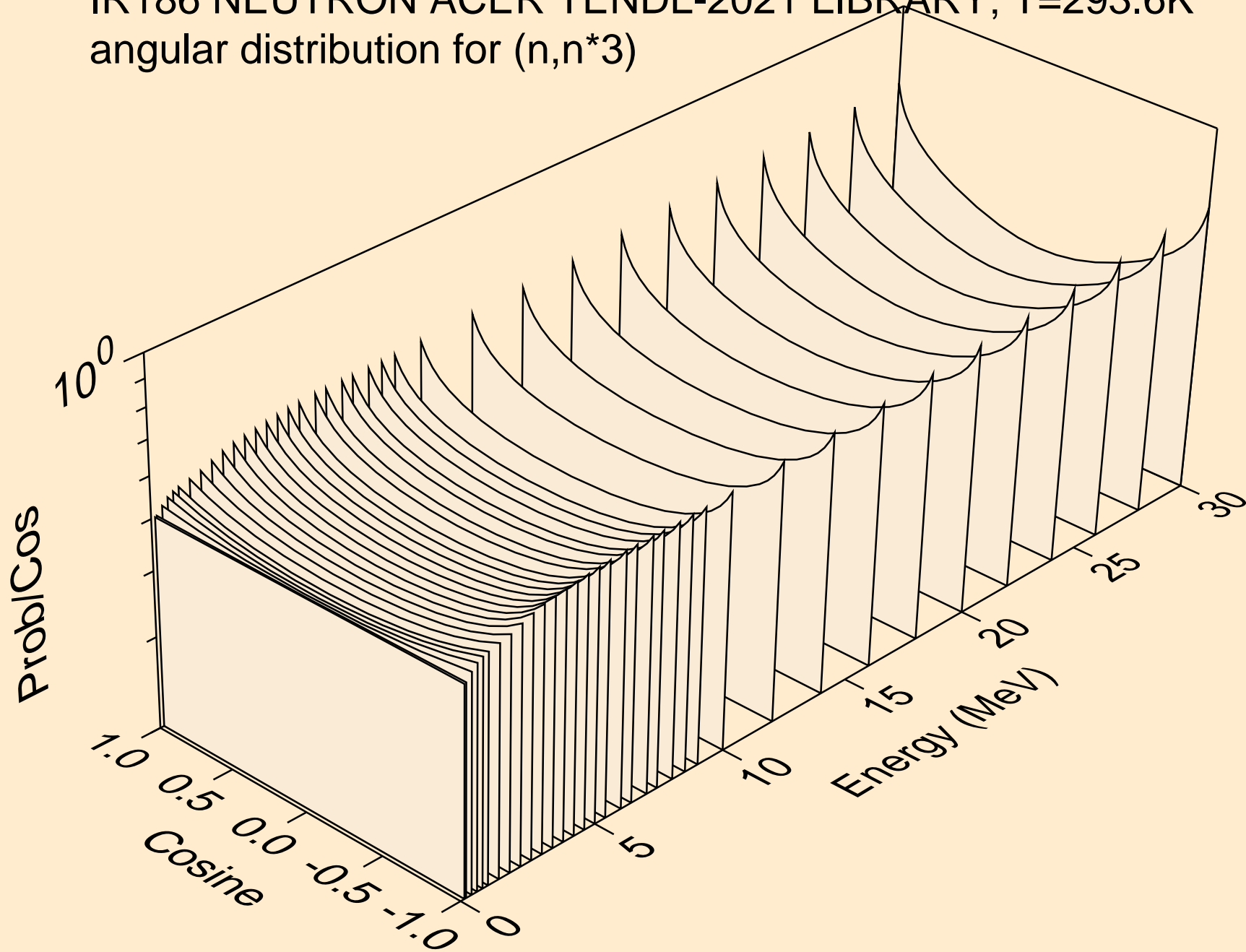
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



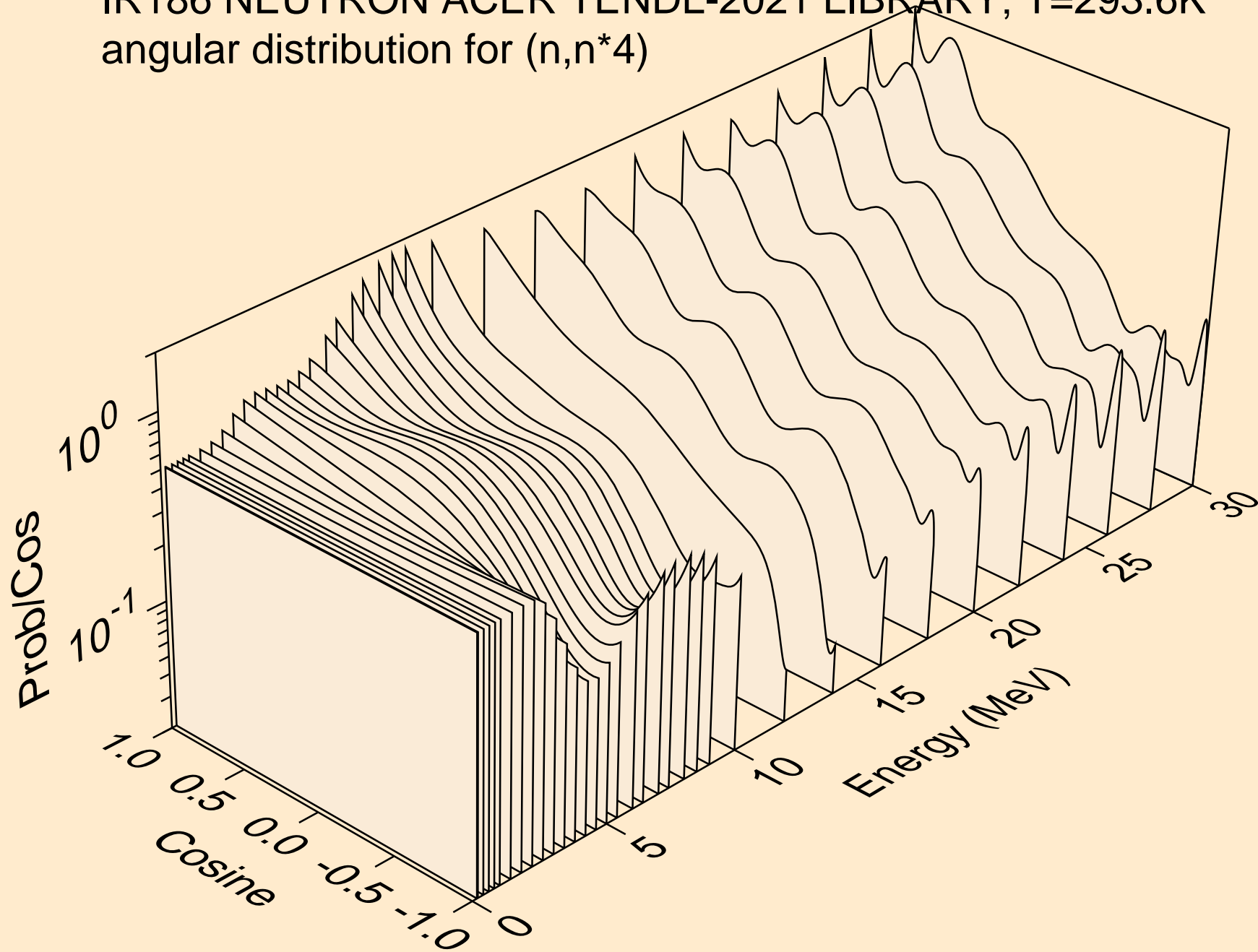
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

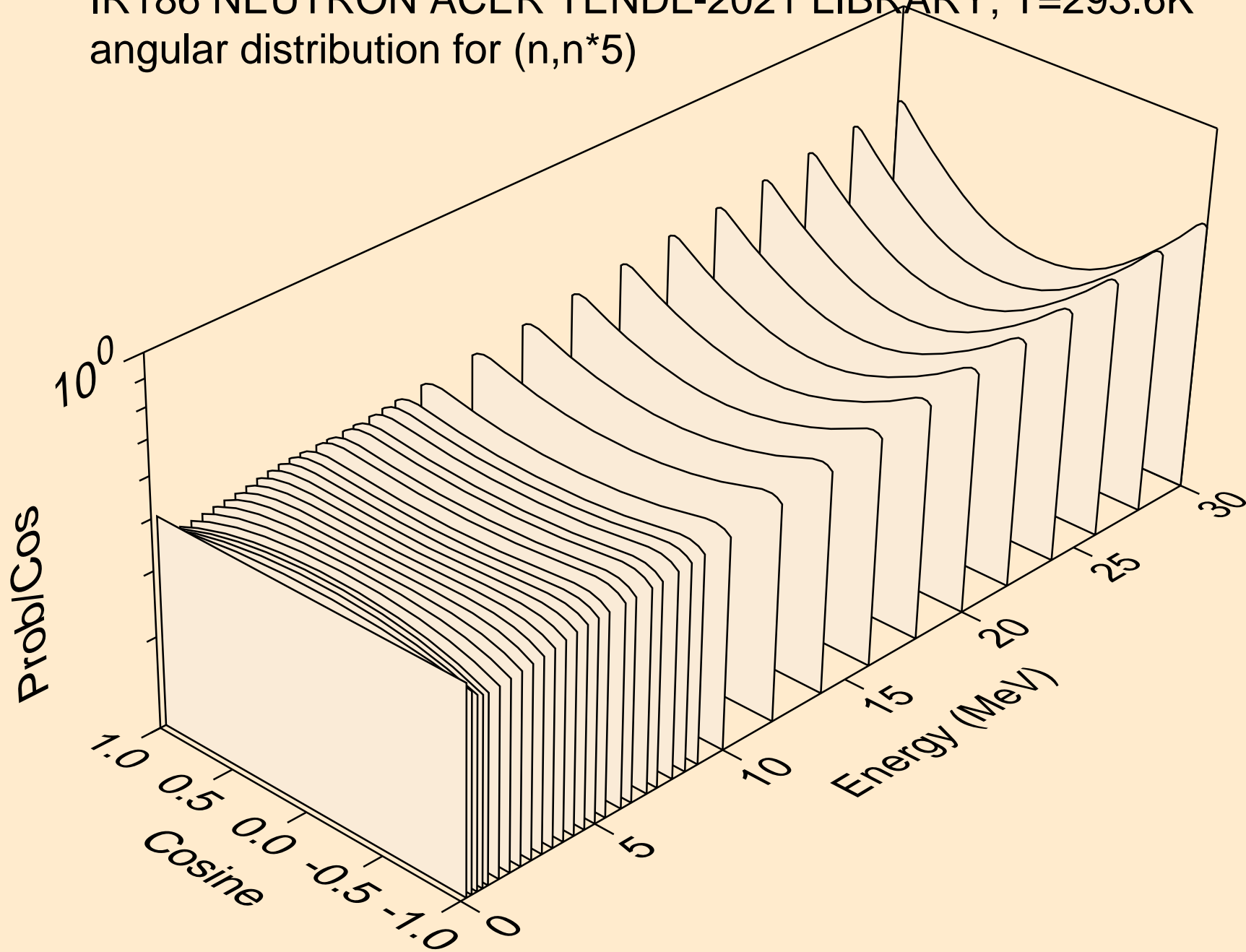


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)

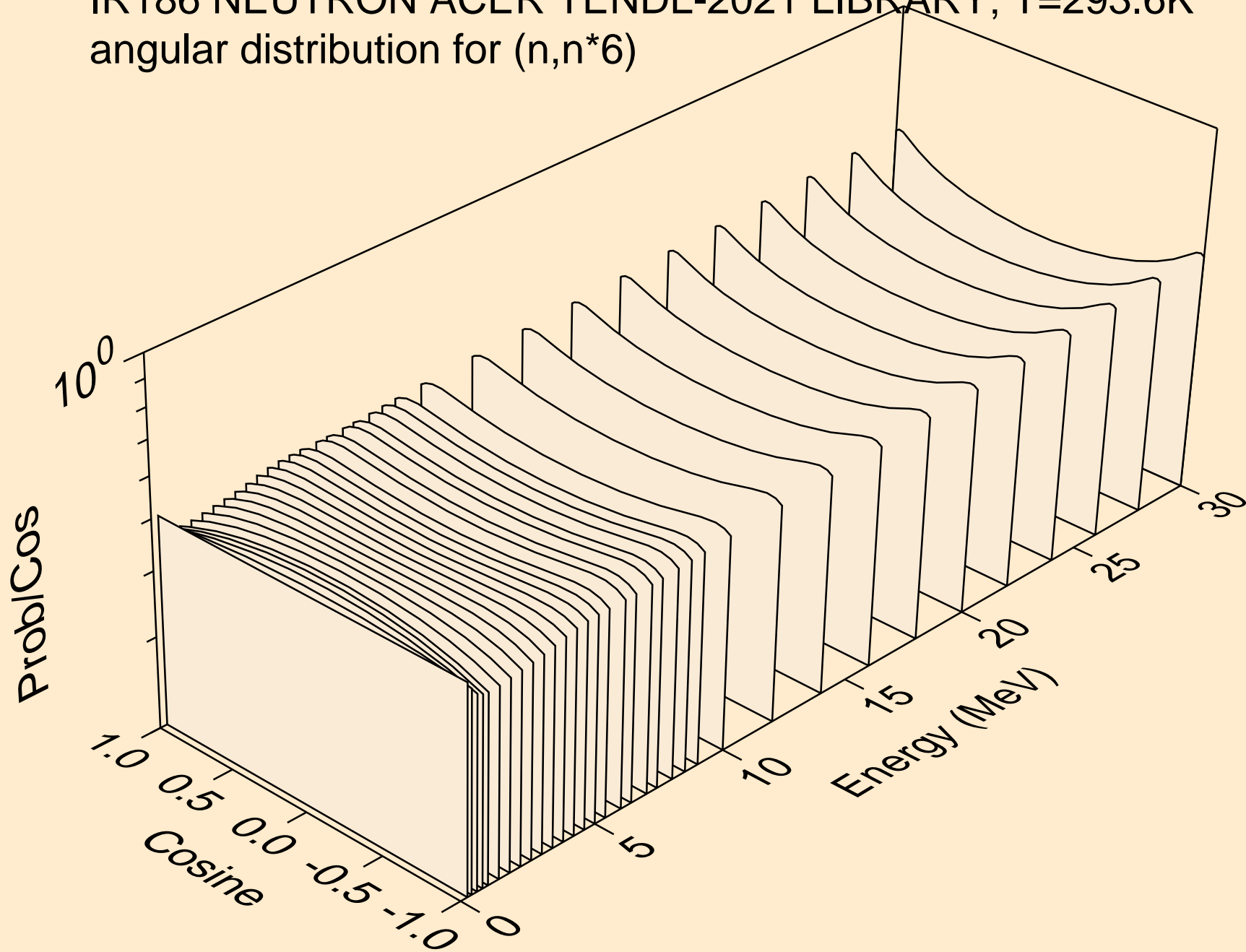




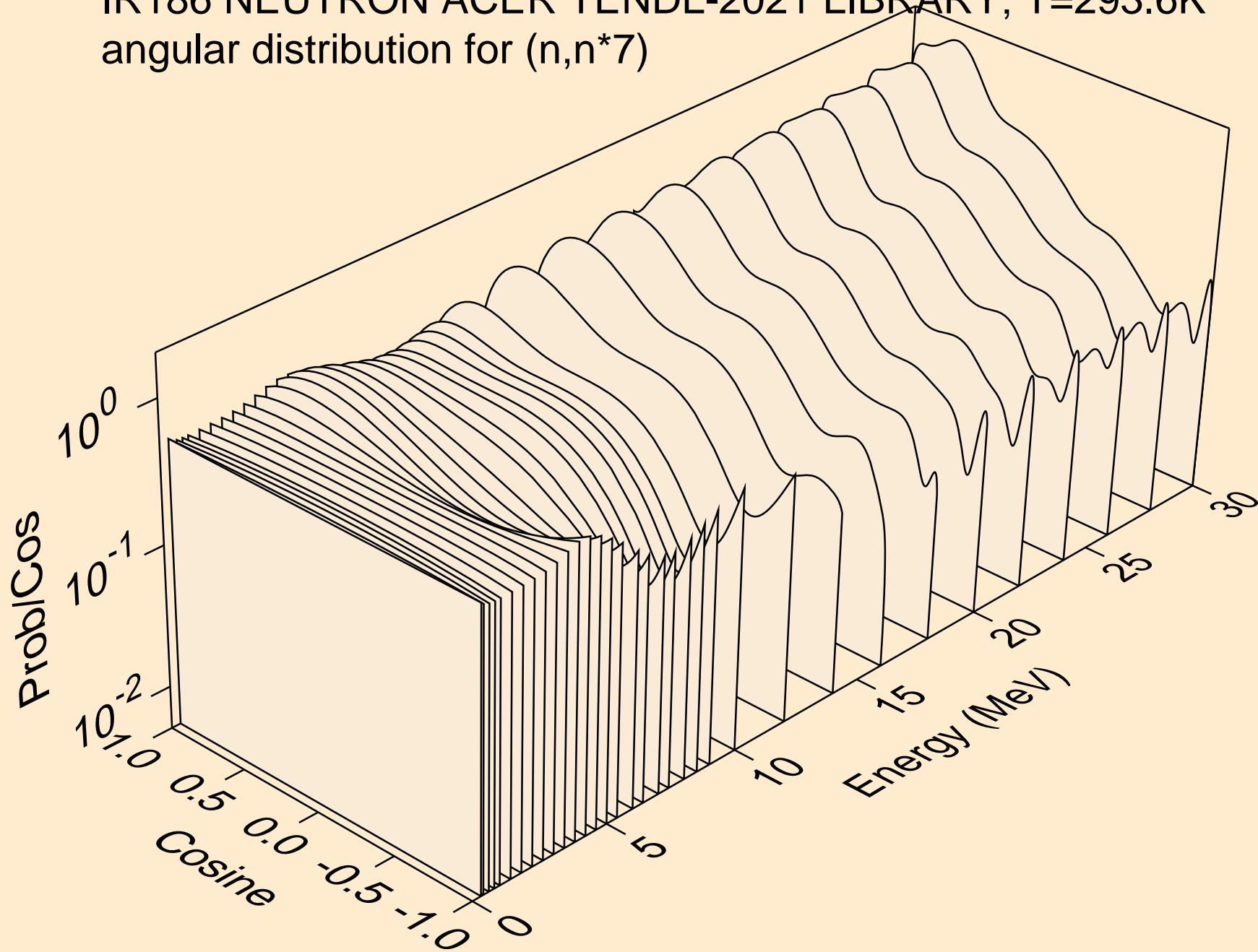
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angular distribution for (n,n\*5)



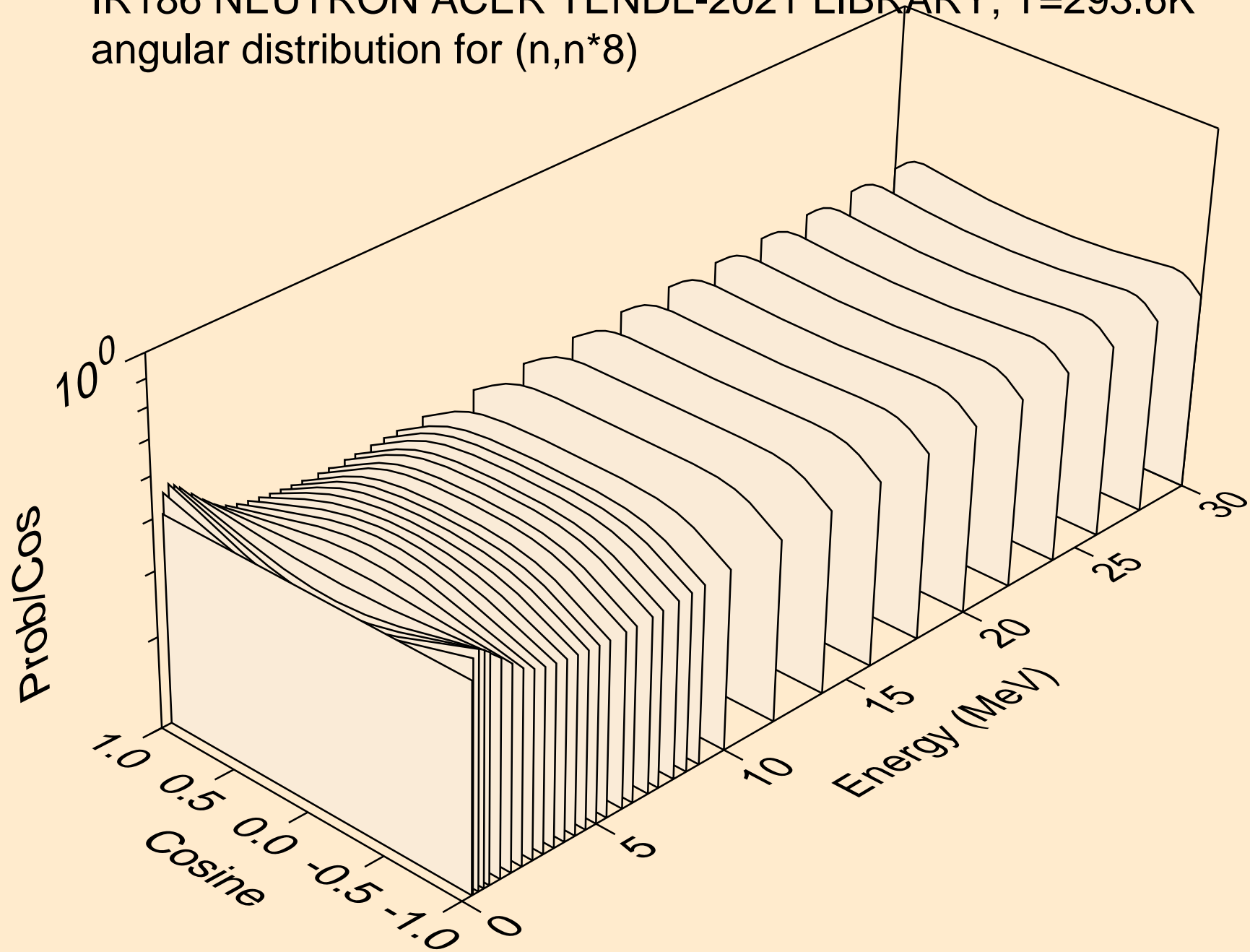
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angular distribution for (n,n\*6)



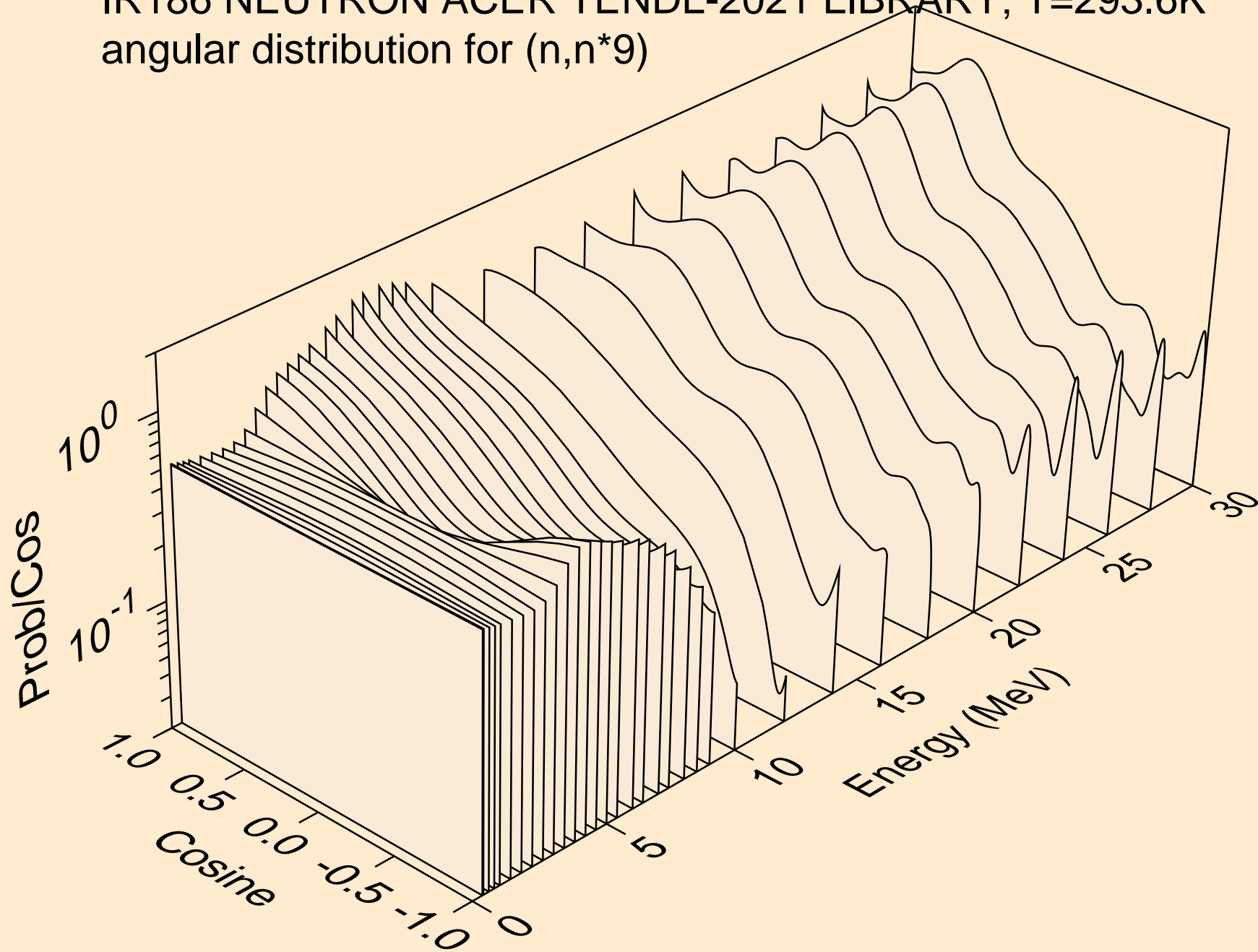
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angular distribution for (n,n\*7)



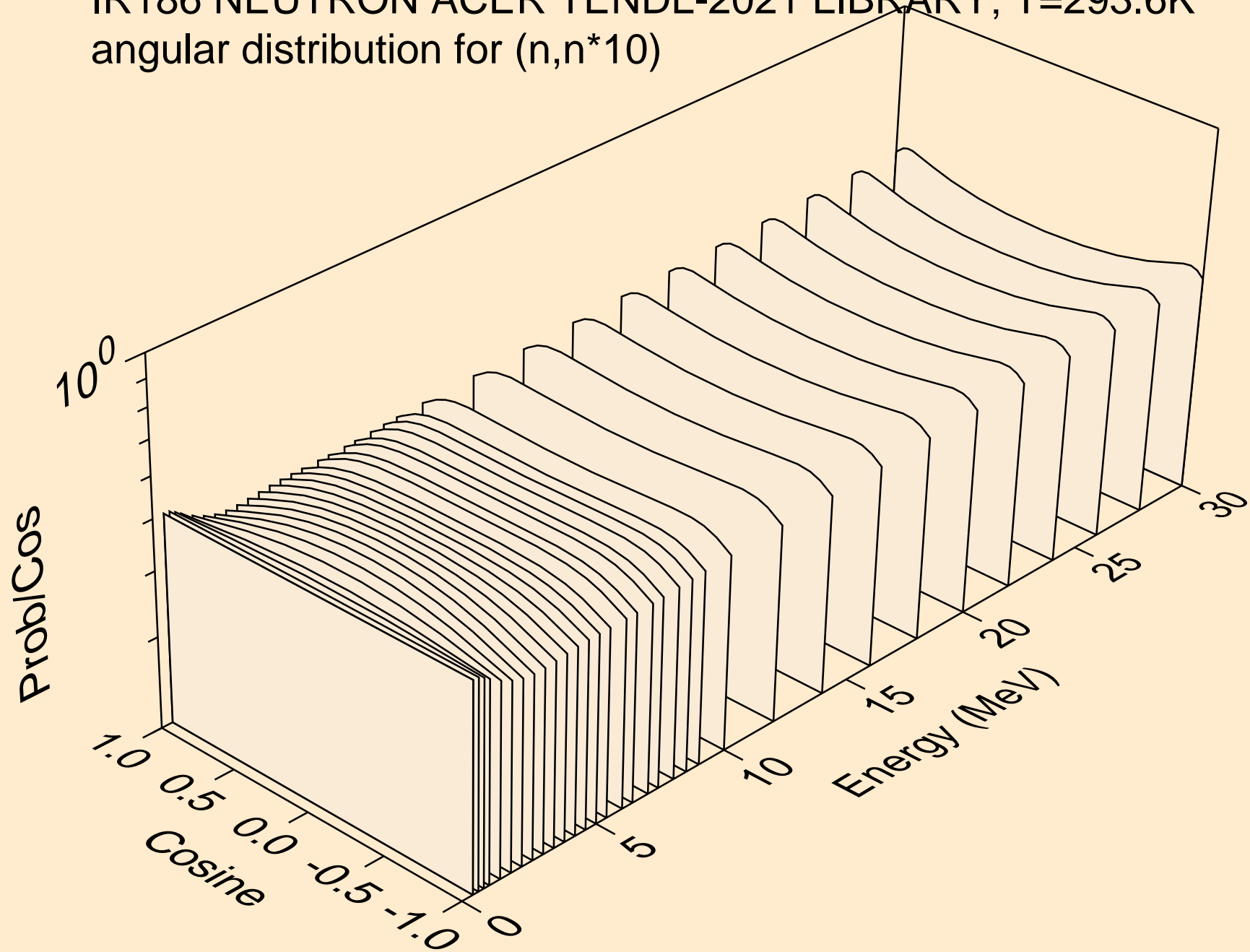
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angular distribution for (n,n\*8)



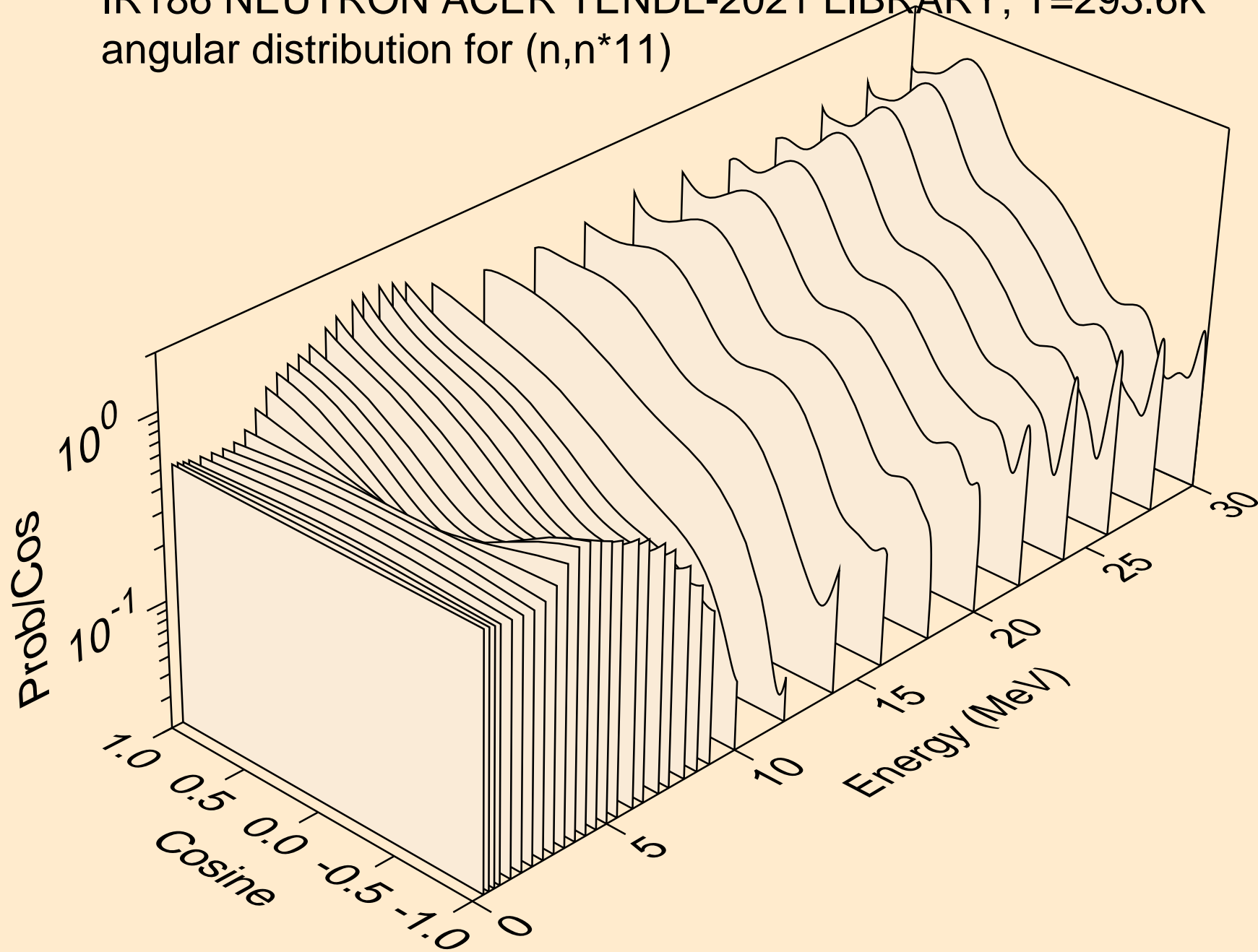
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angular distribution for (n,n\*9)



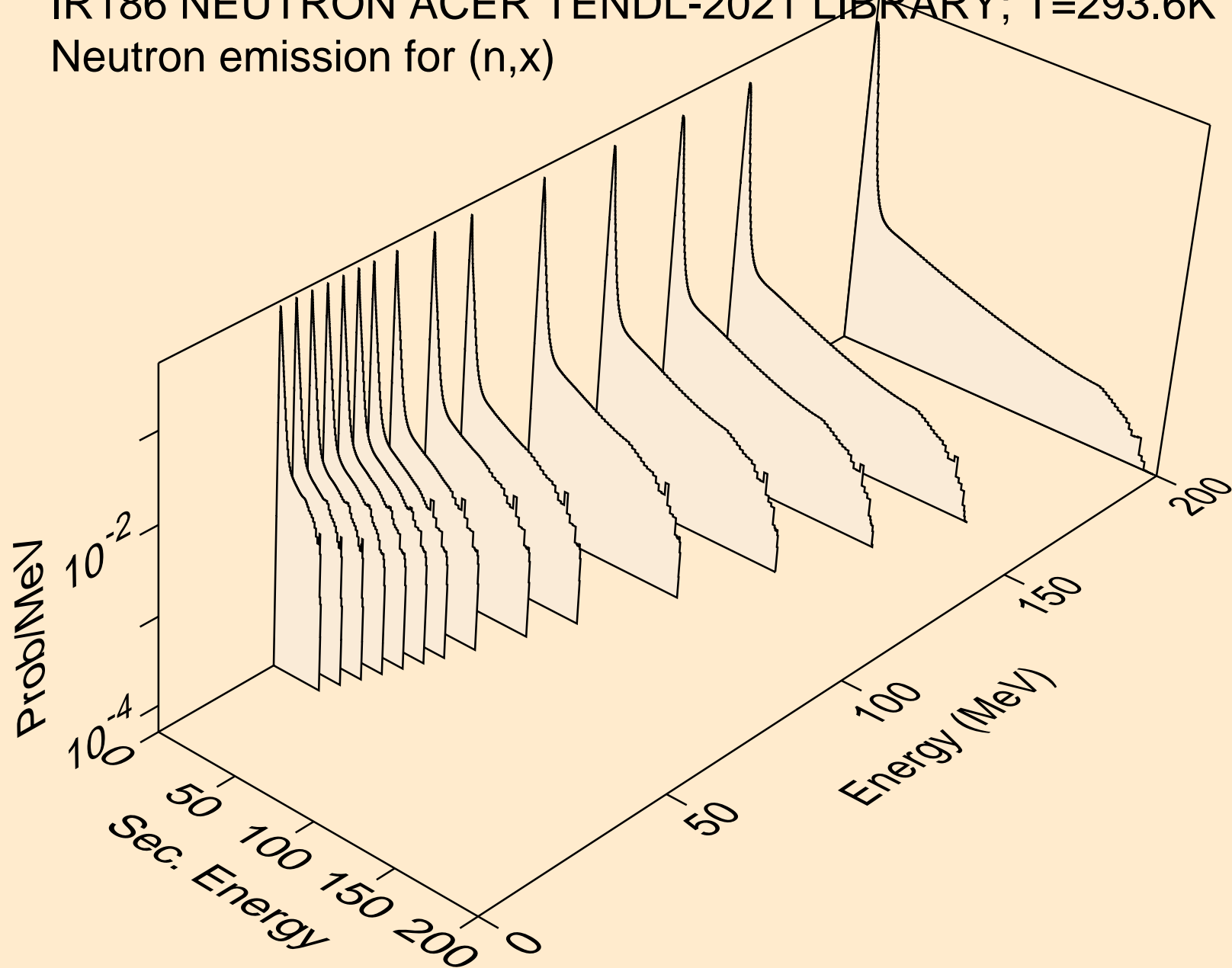
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

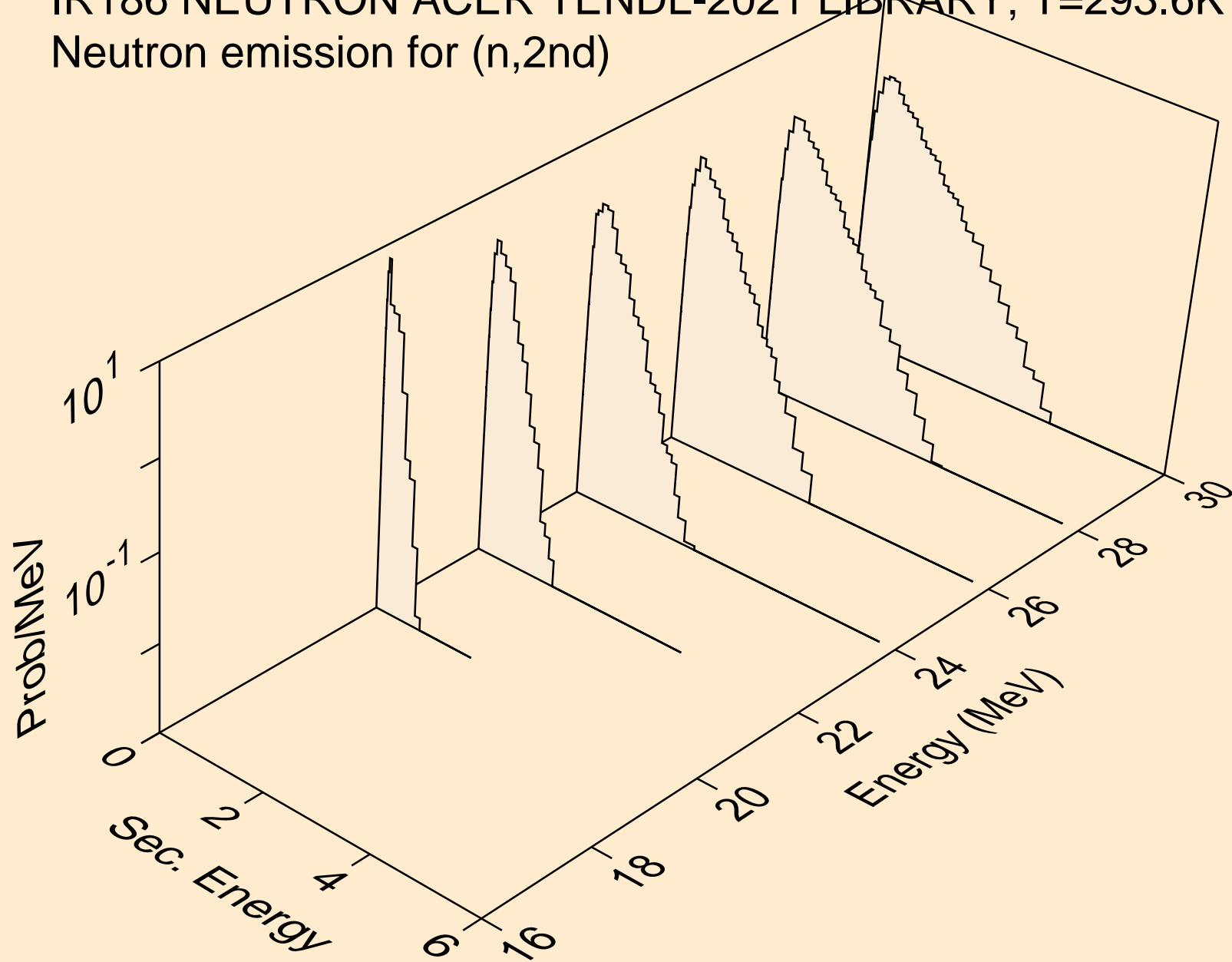


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

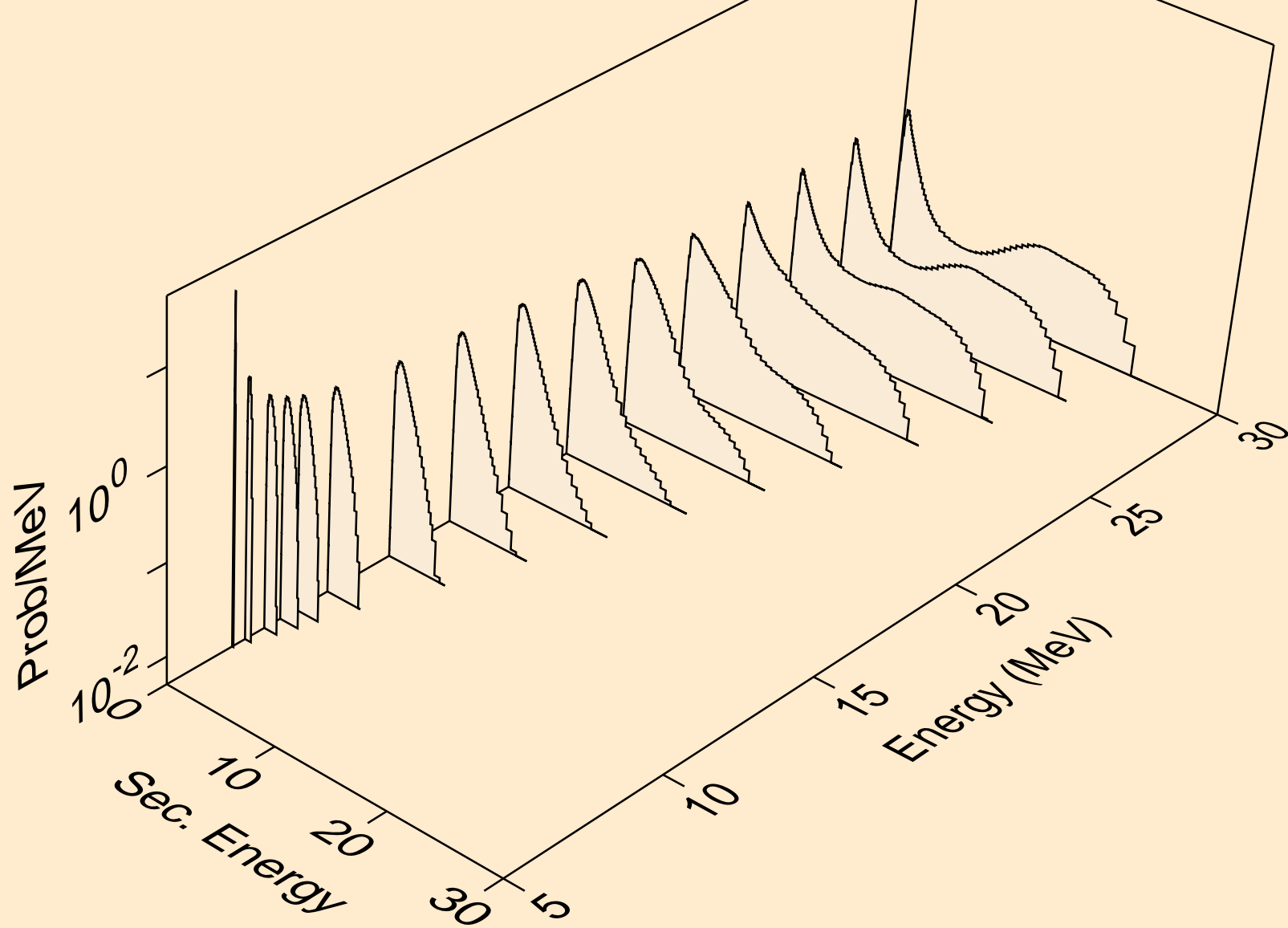




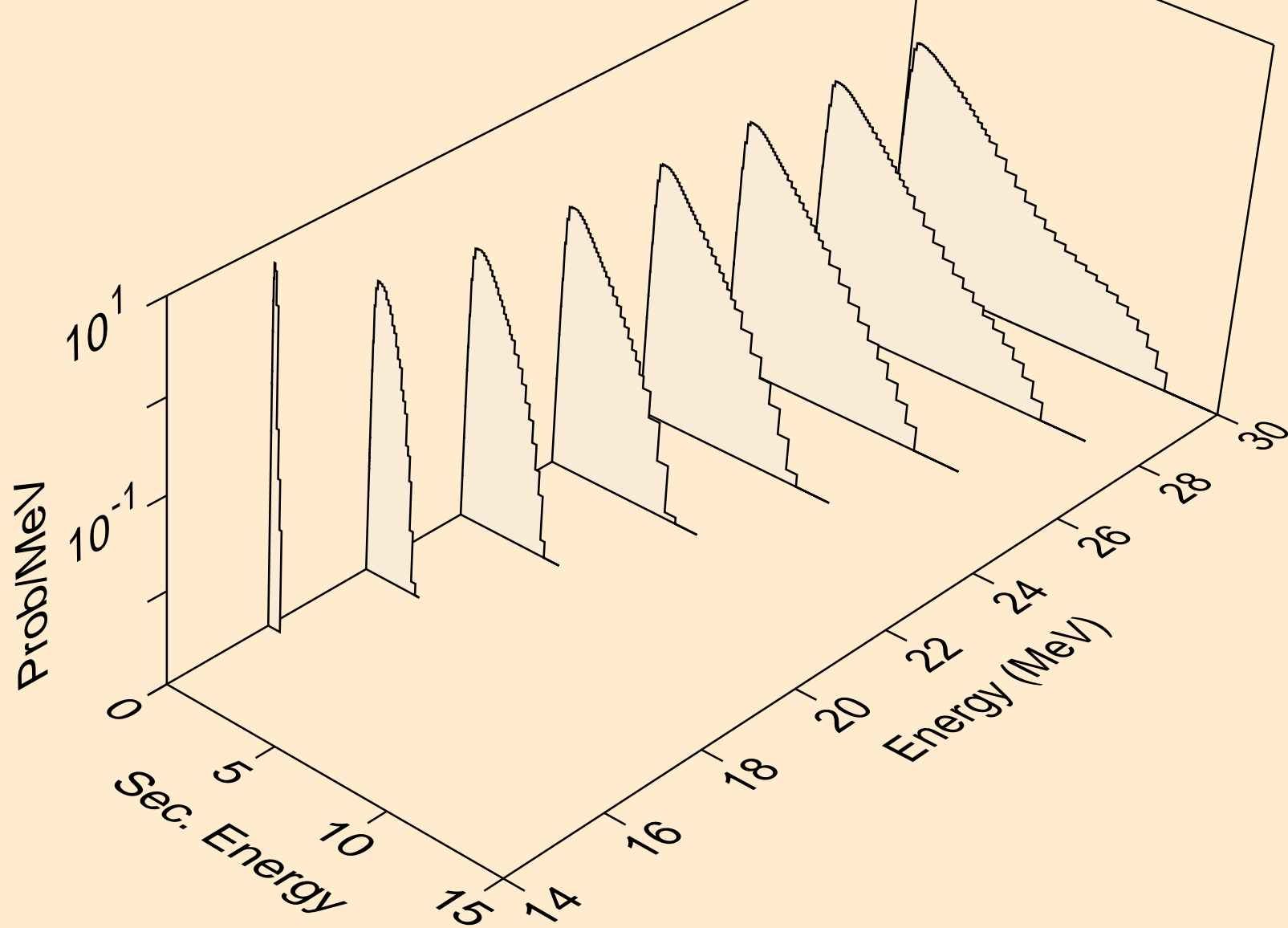
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



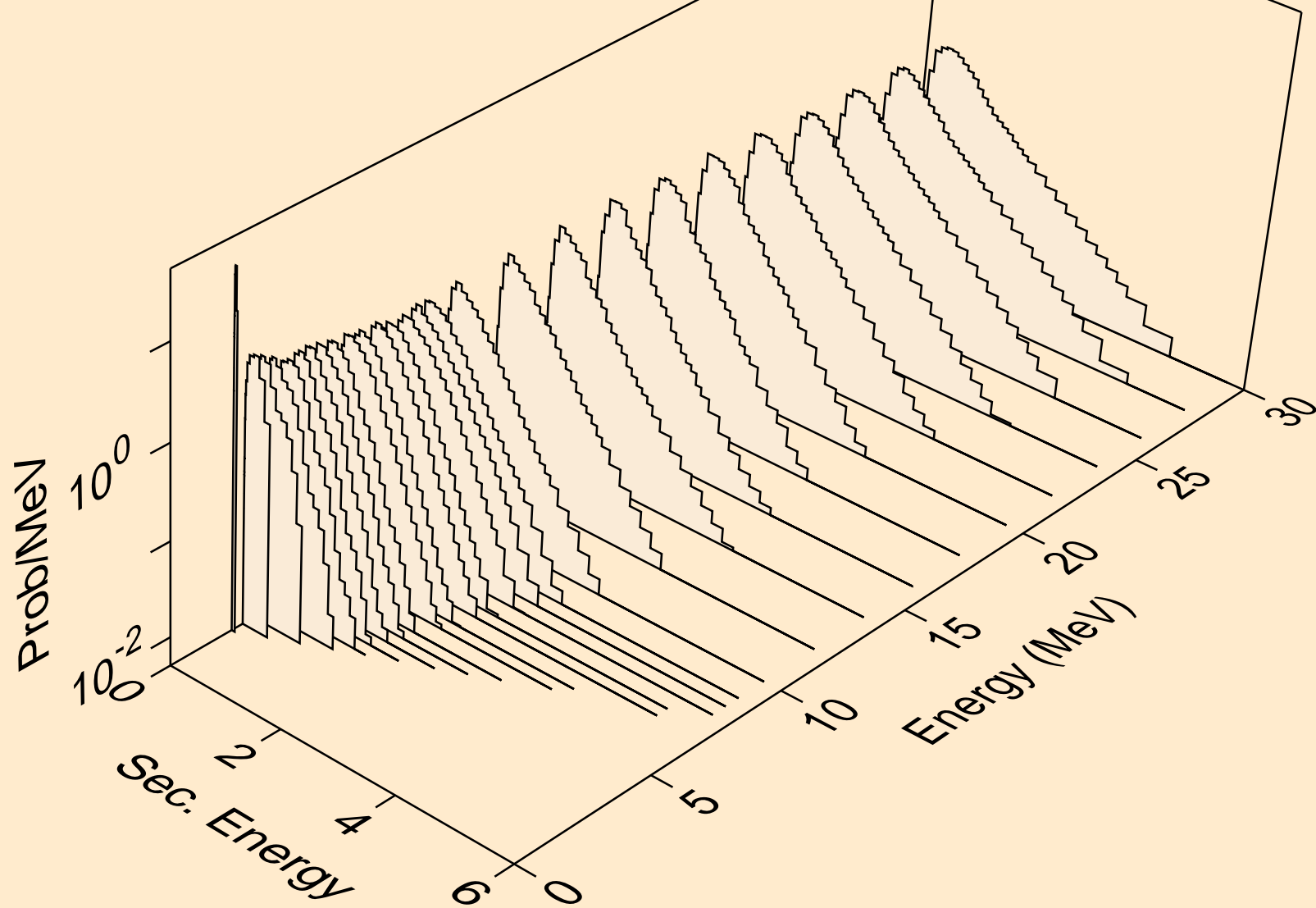
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



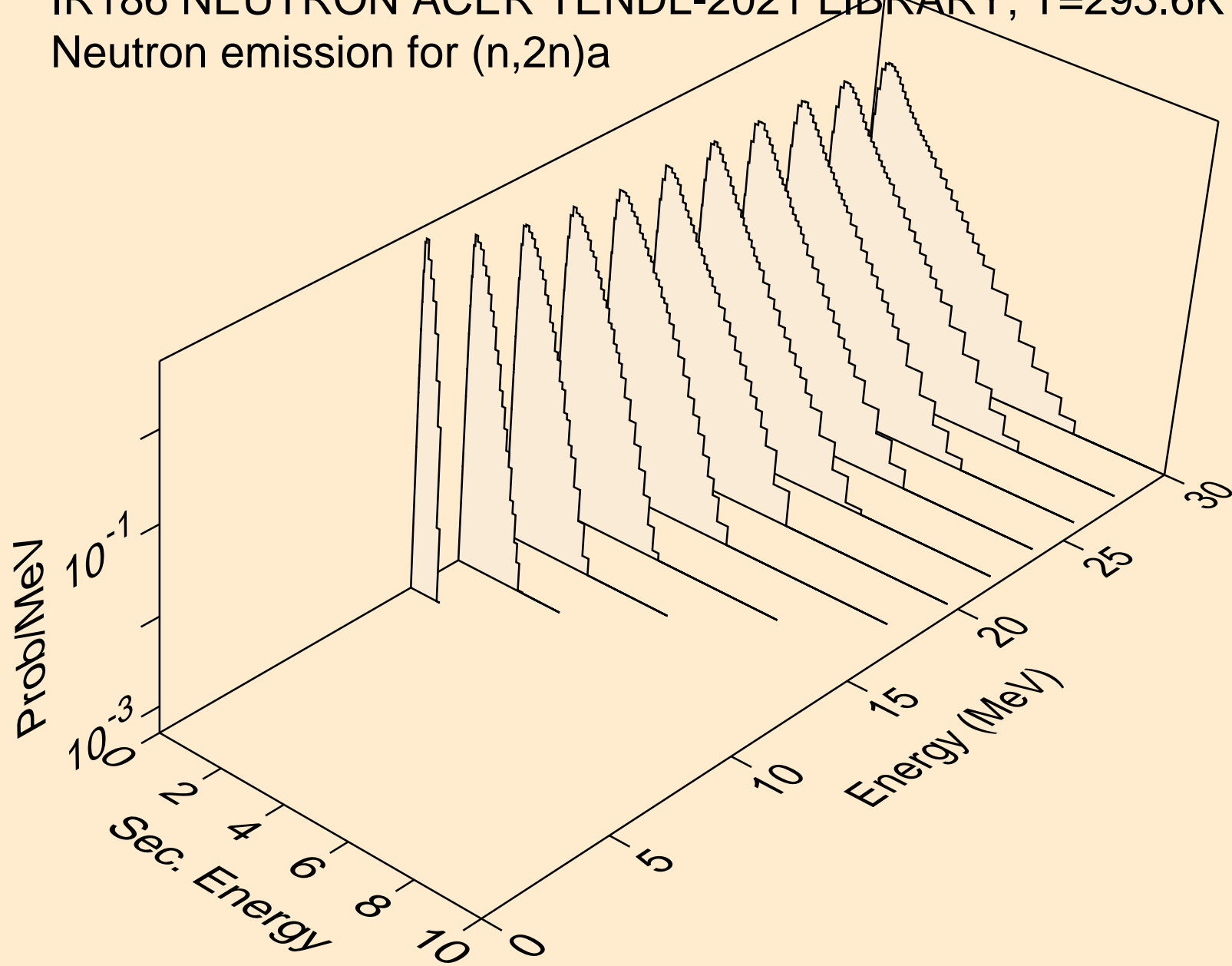
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



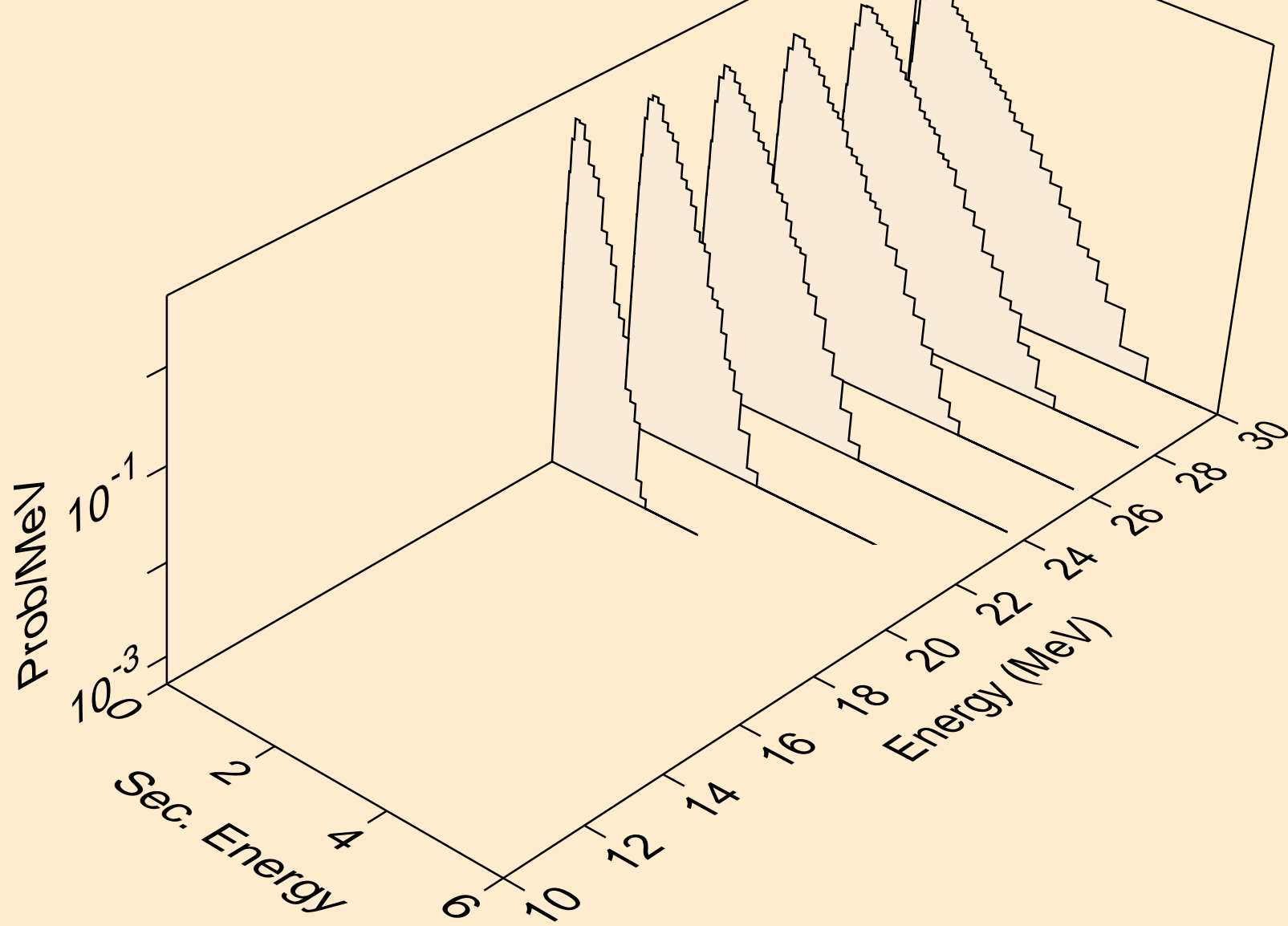
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



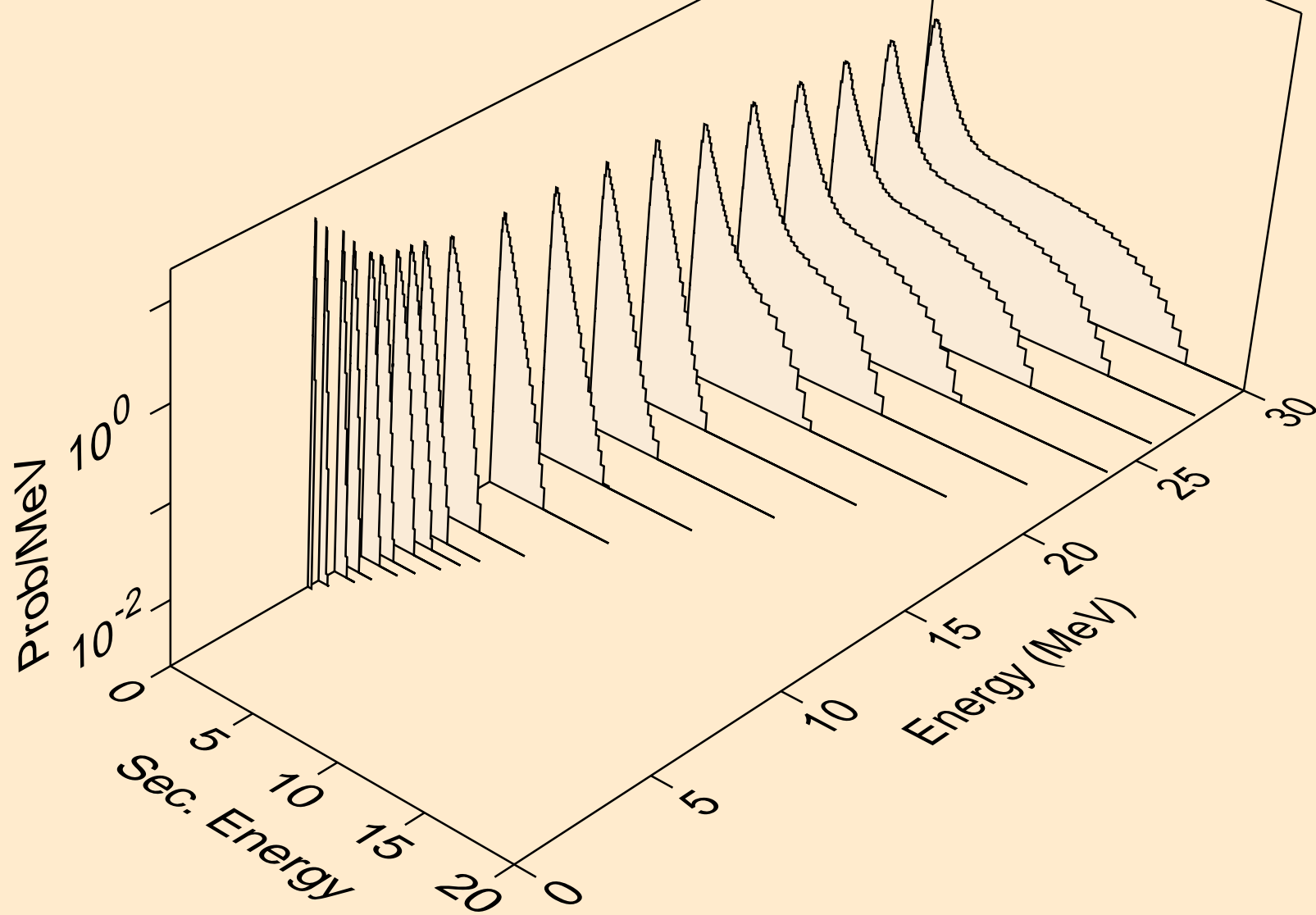
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



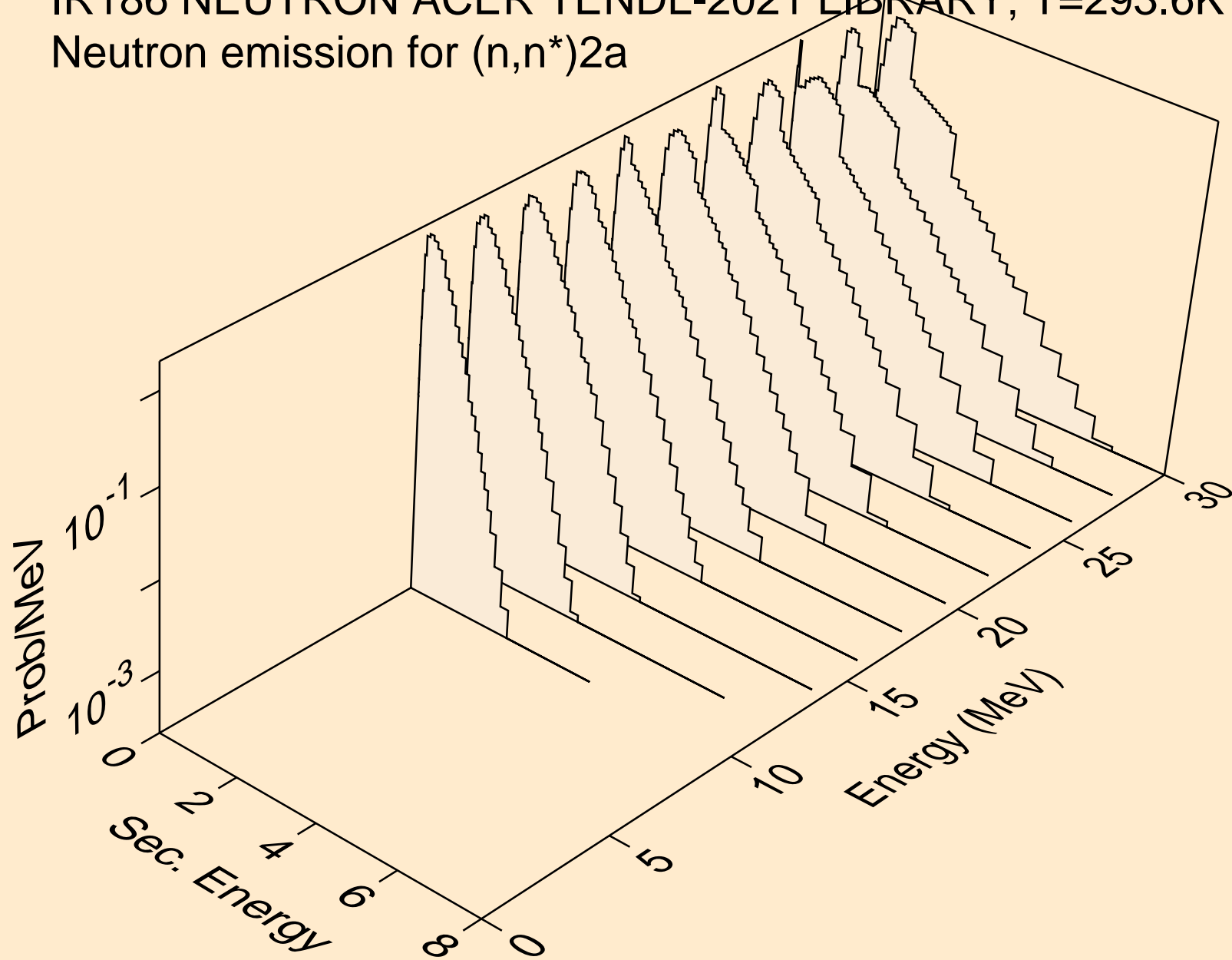
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

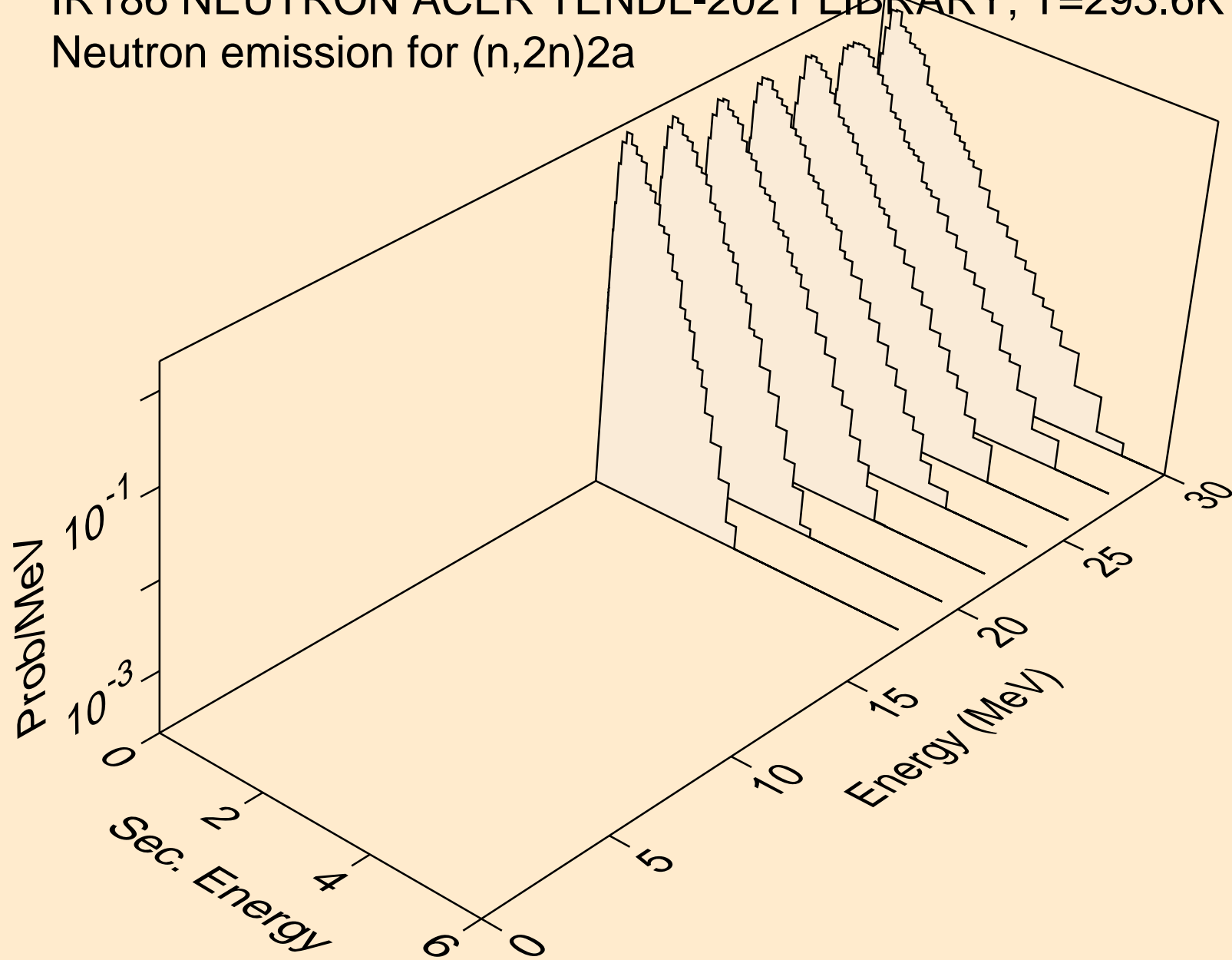


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

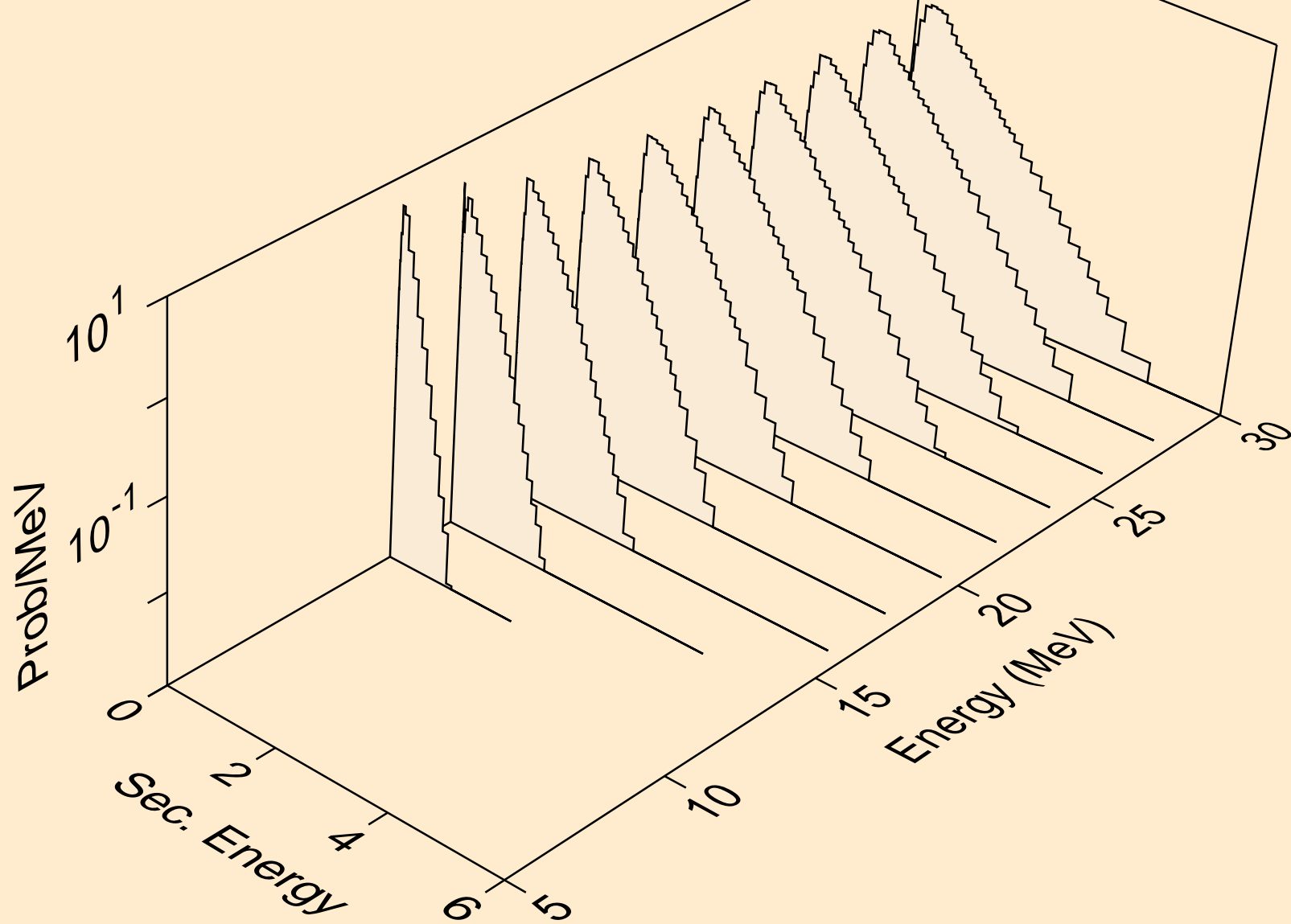




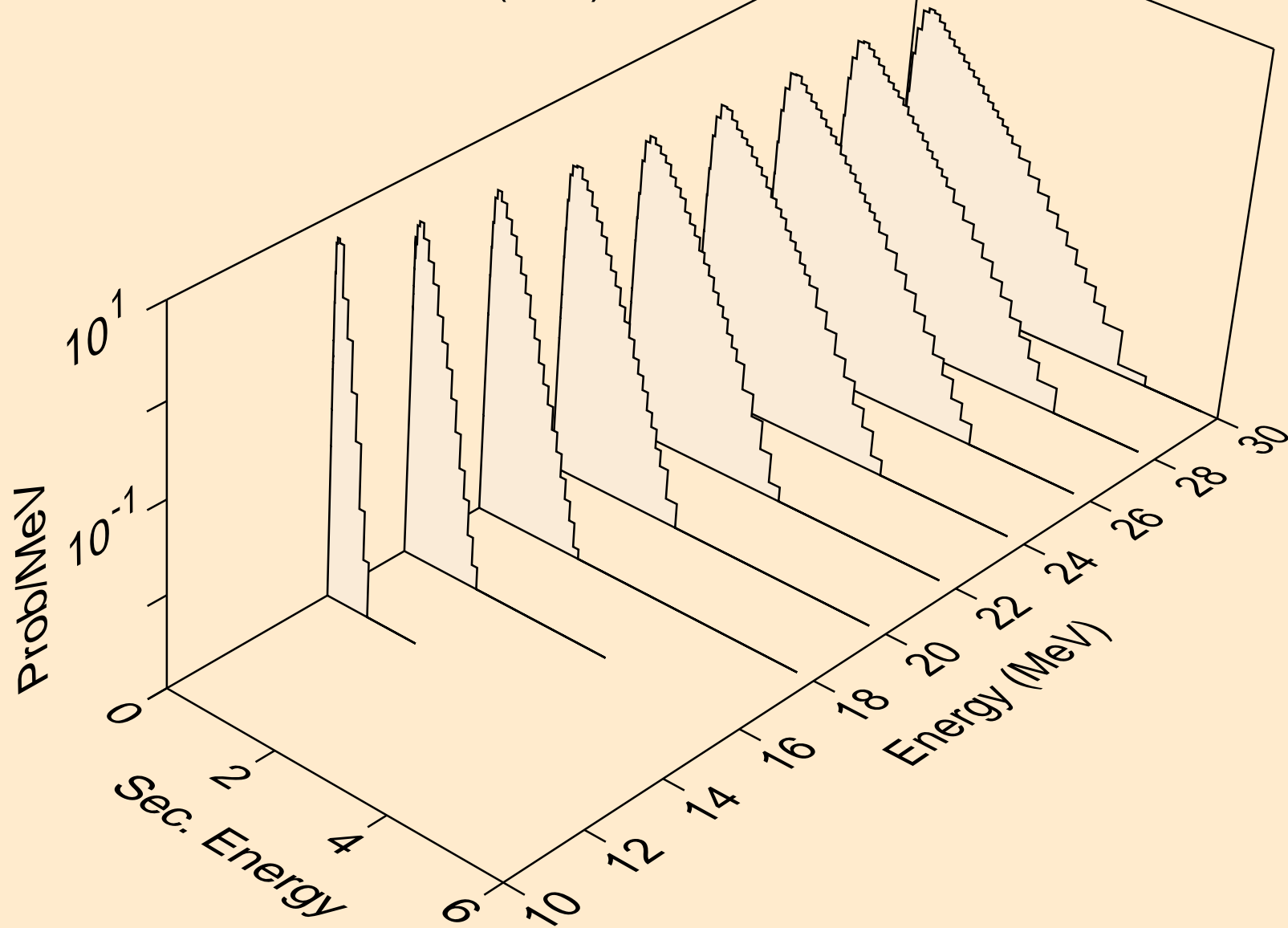
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Neutron emission for (n,2n)2a



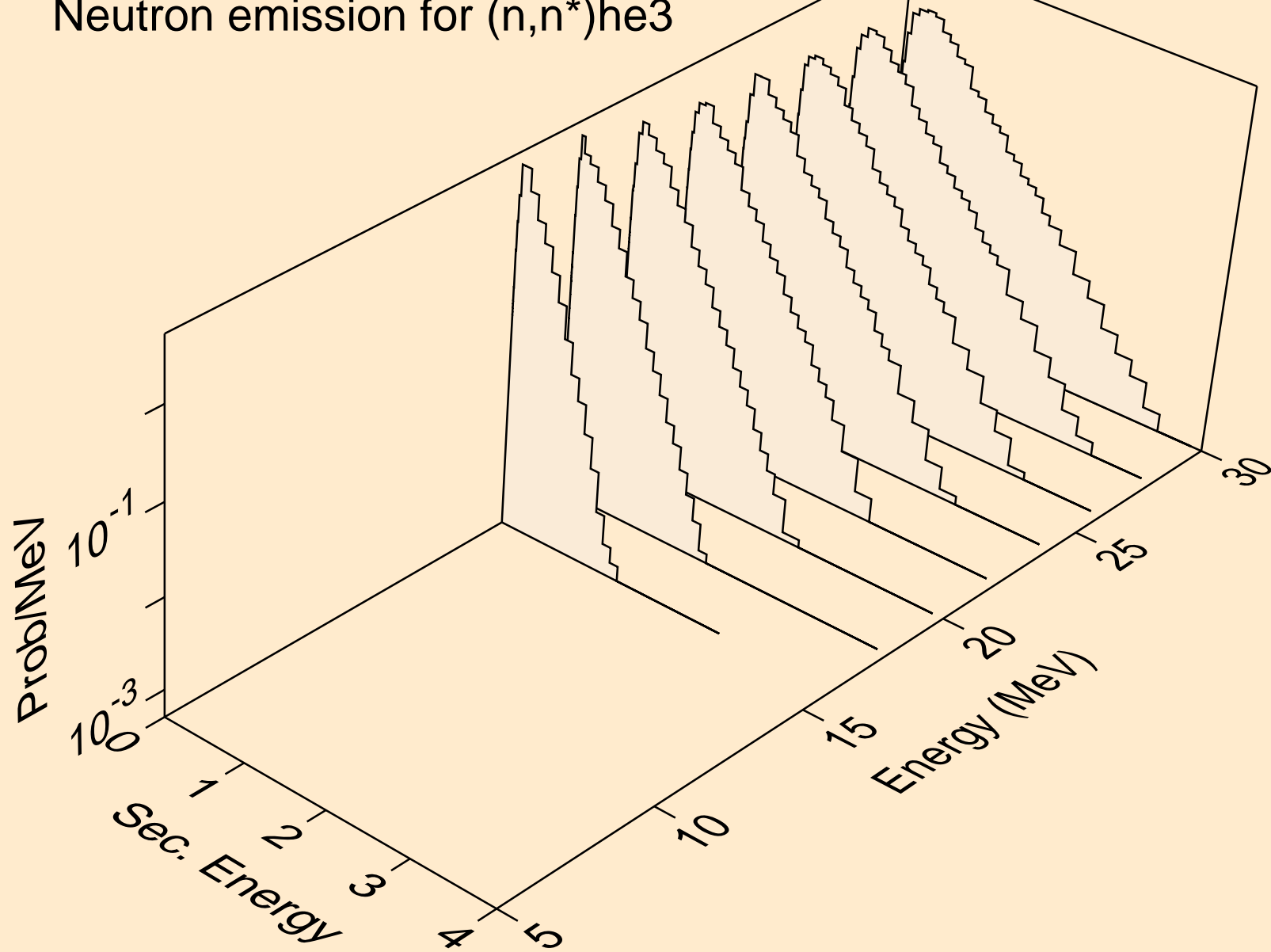
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Neutron emission for (n,n\*)d



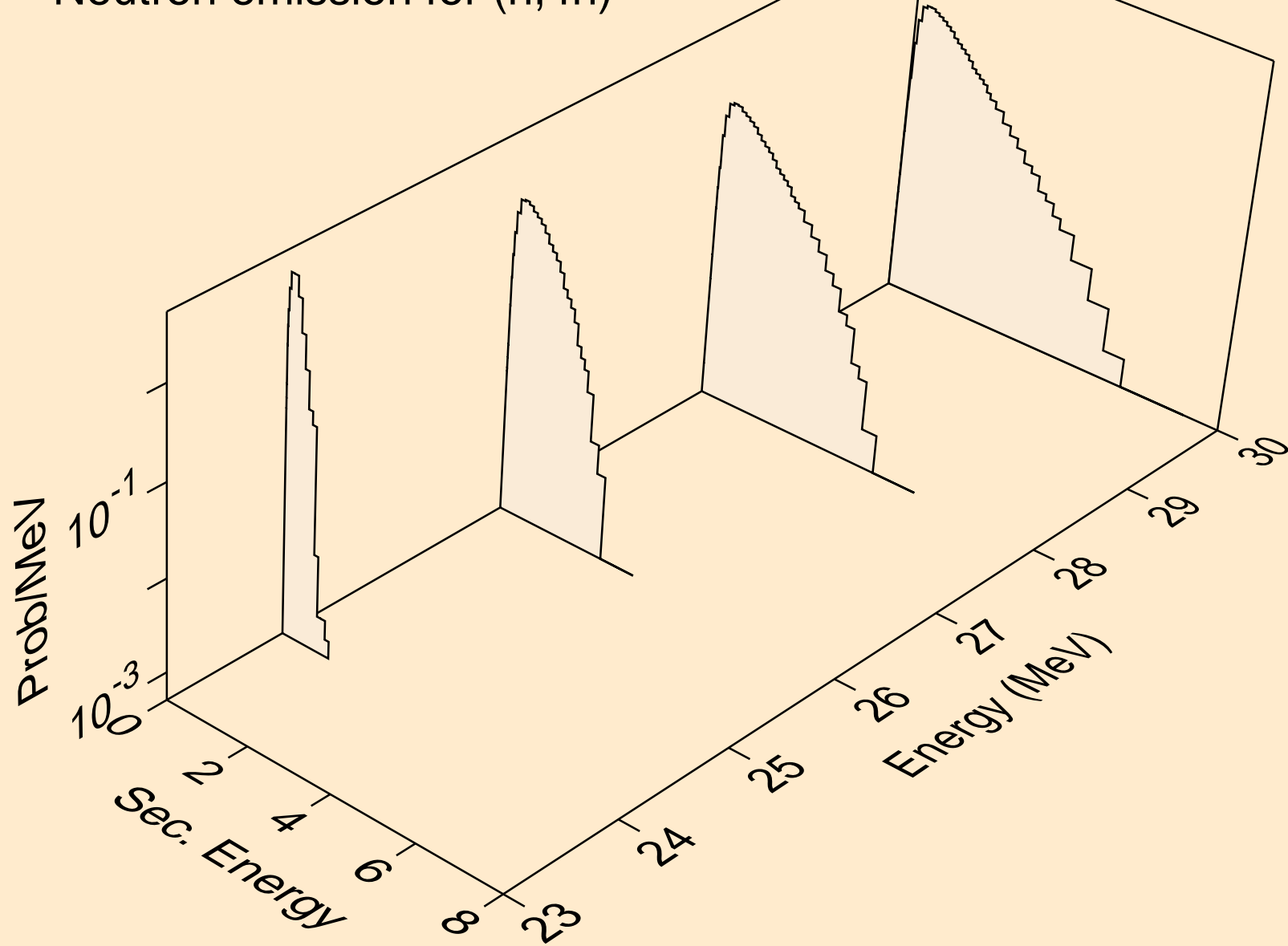
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Neutron emission for (n,n\*)t



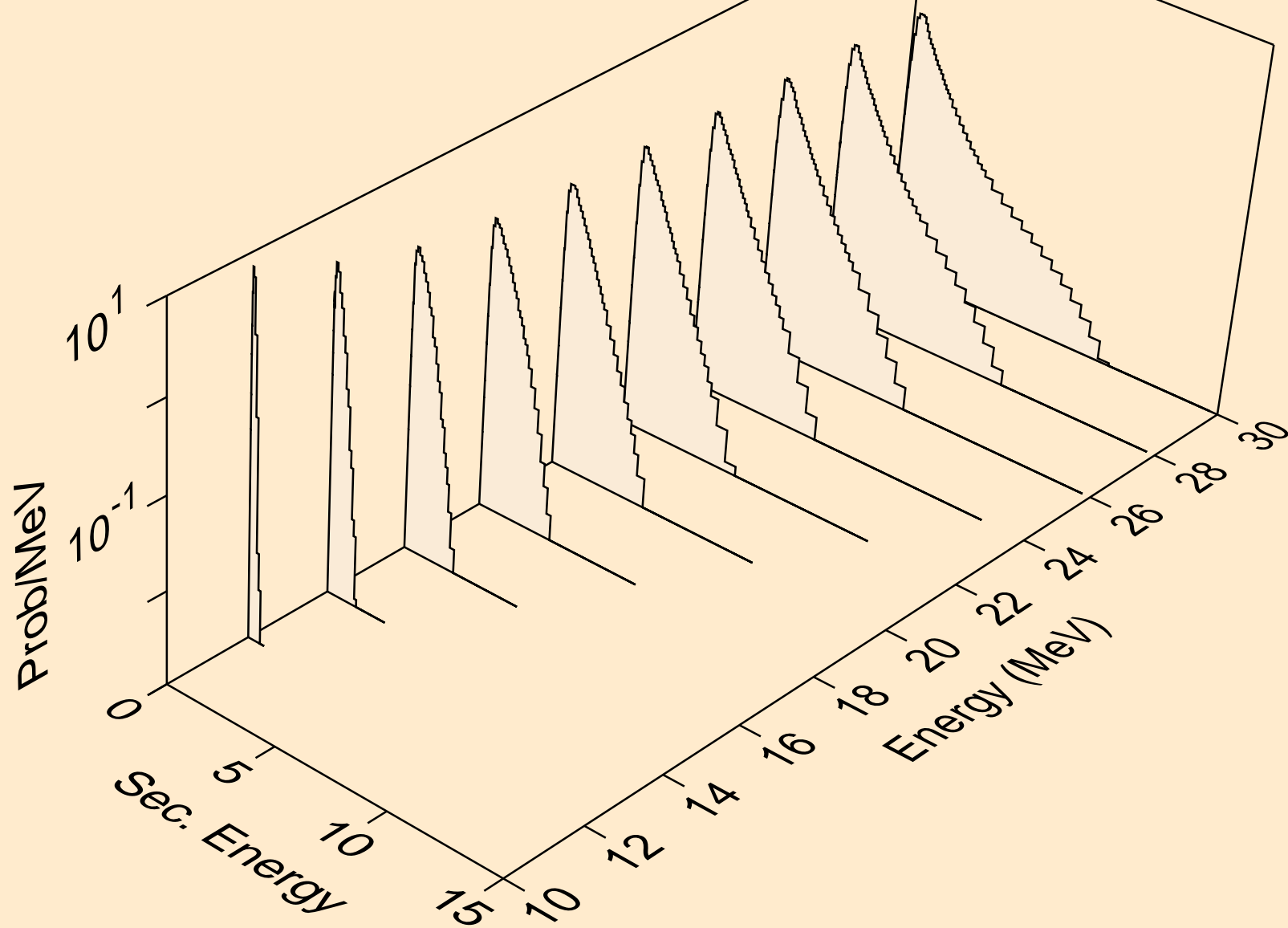
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



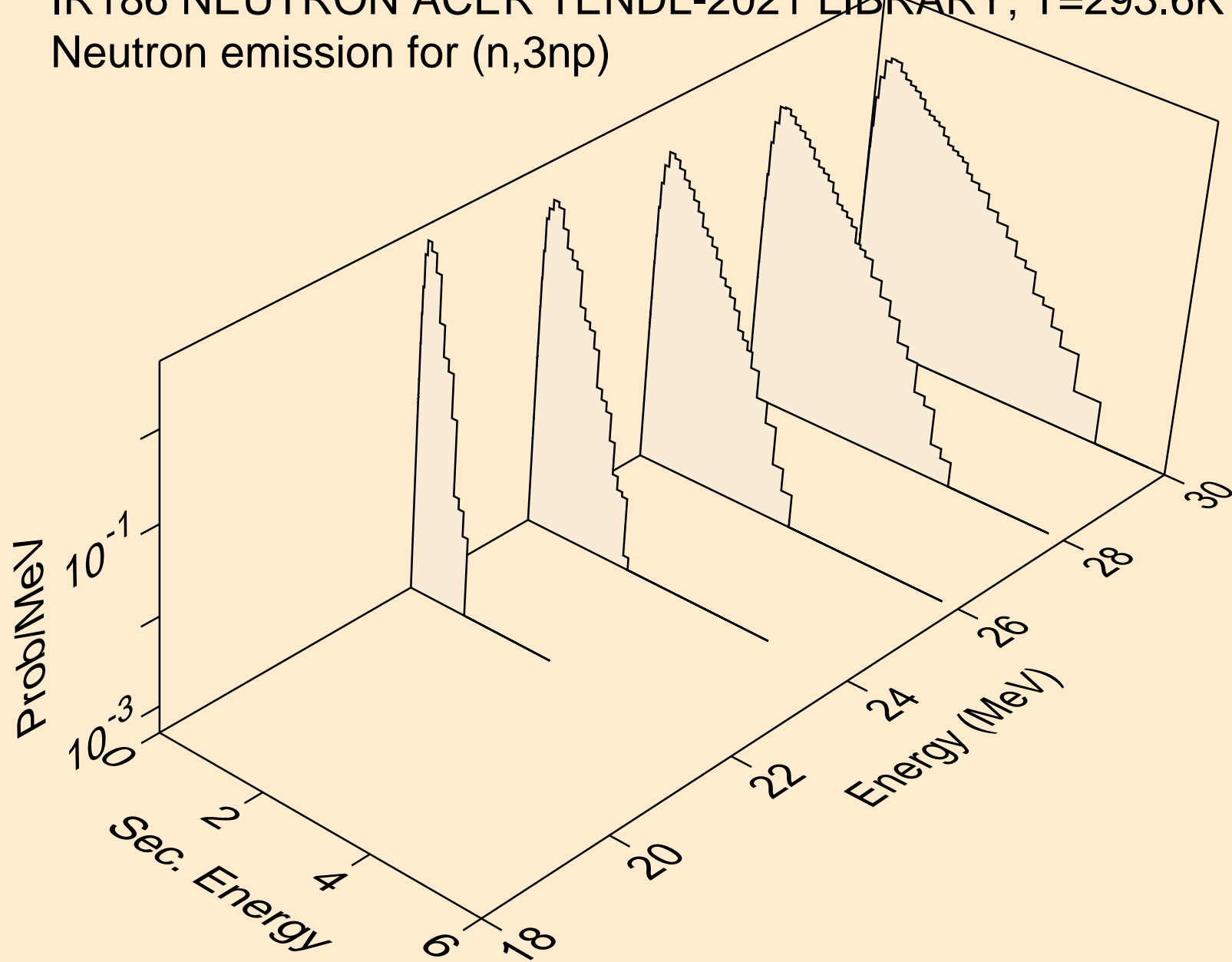
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



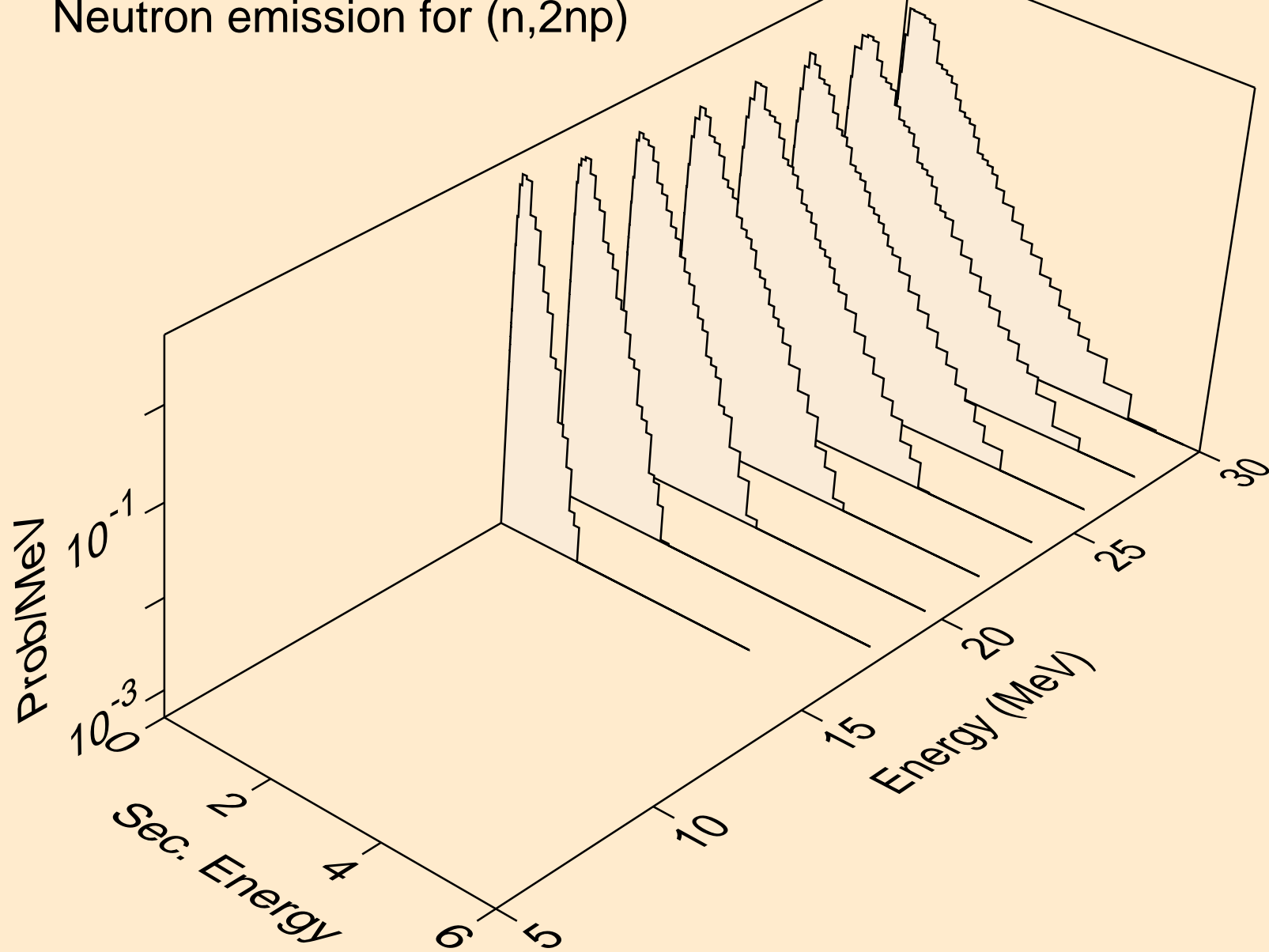
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

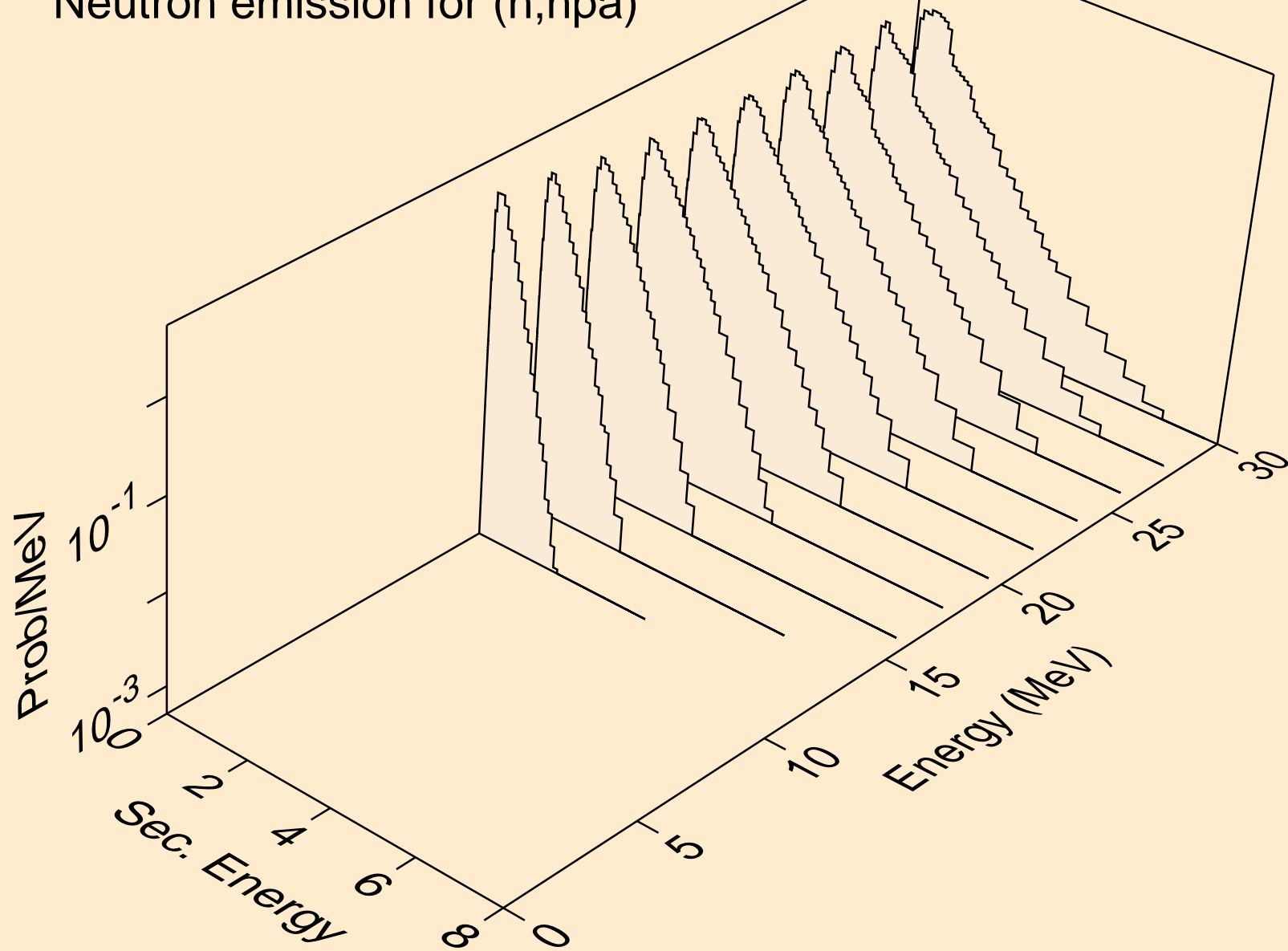


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

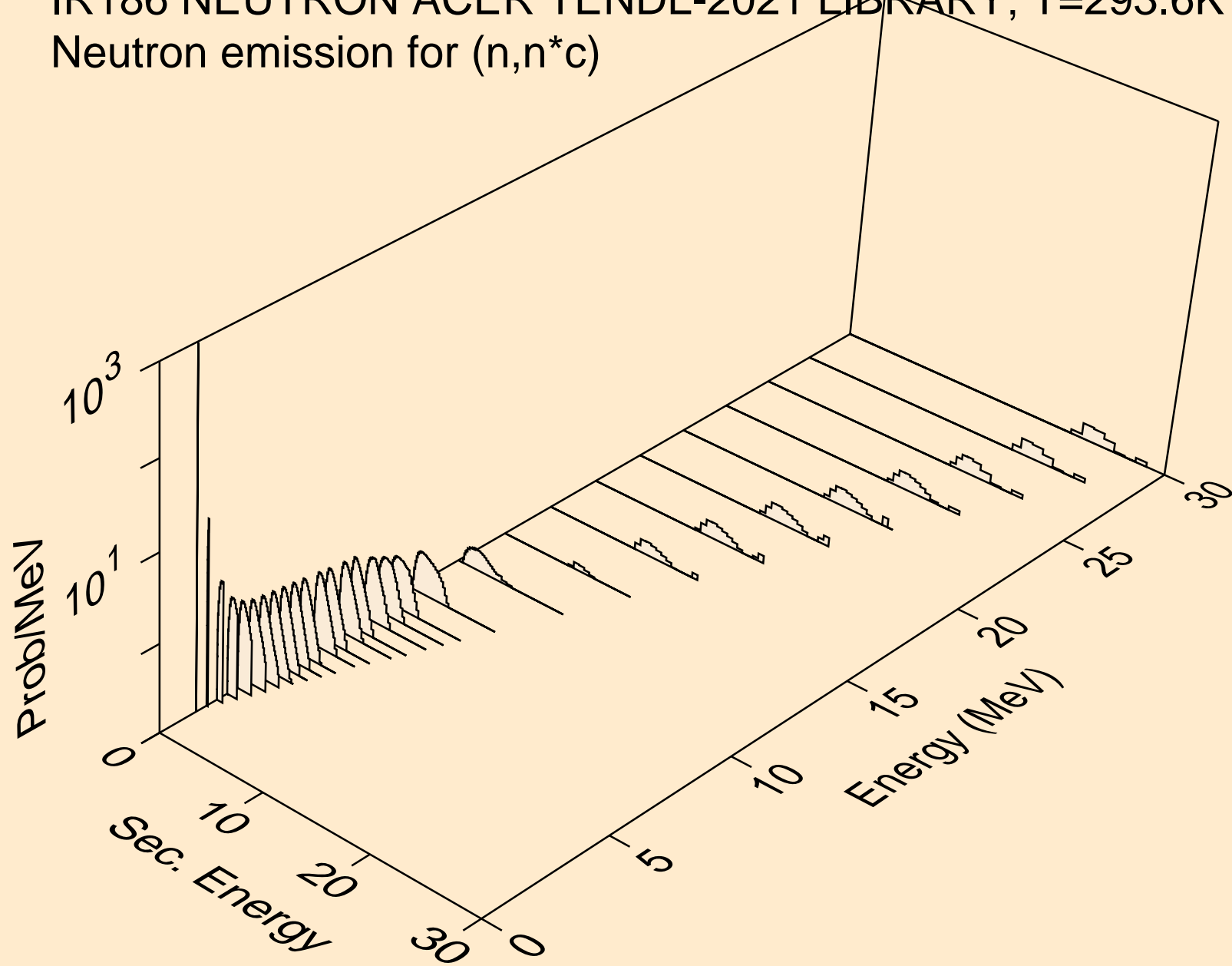




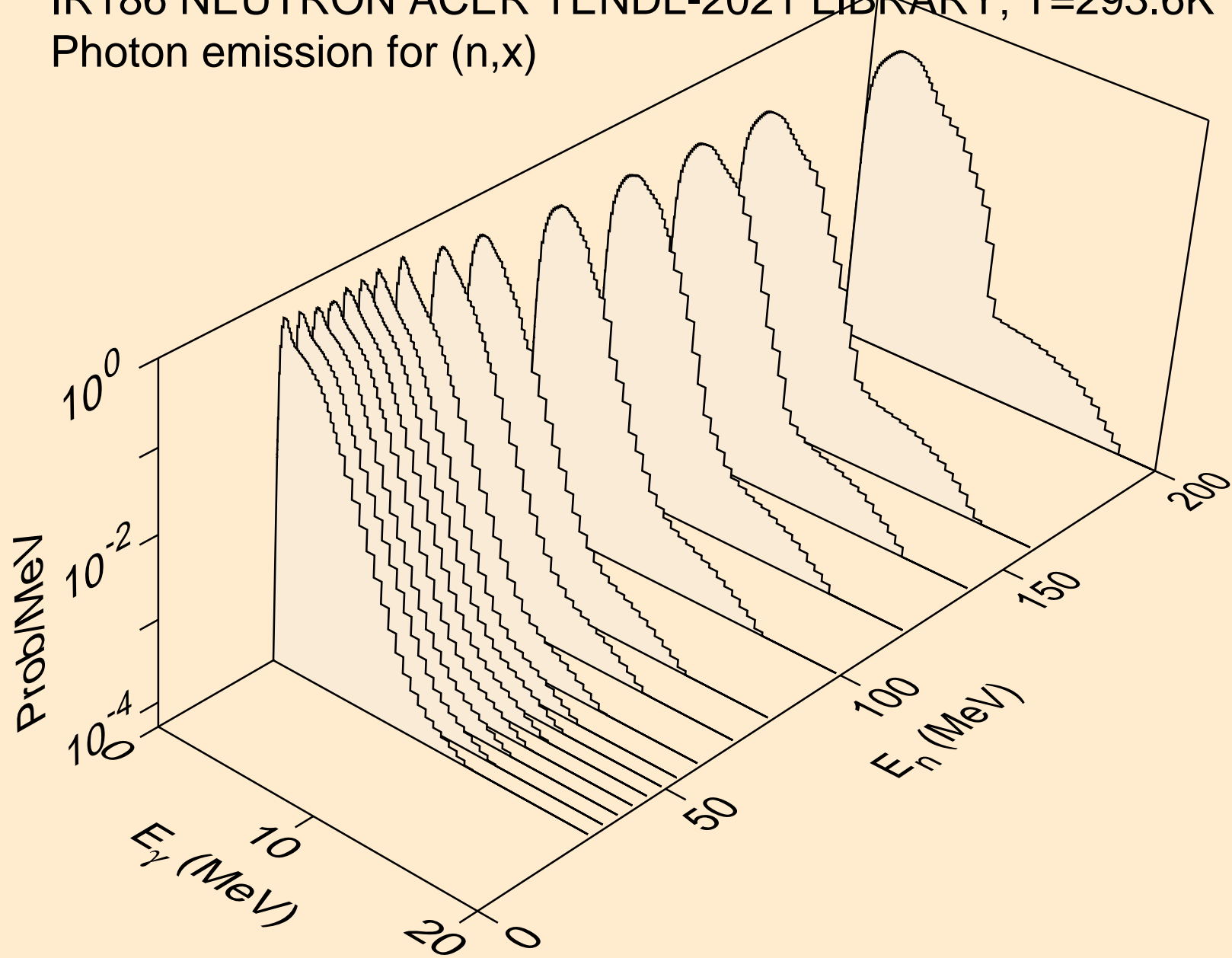
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



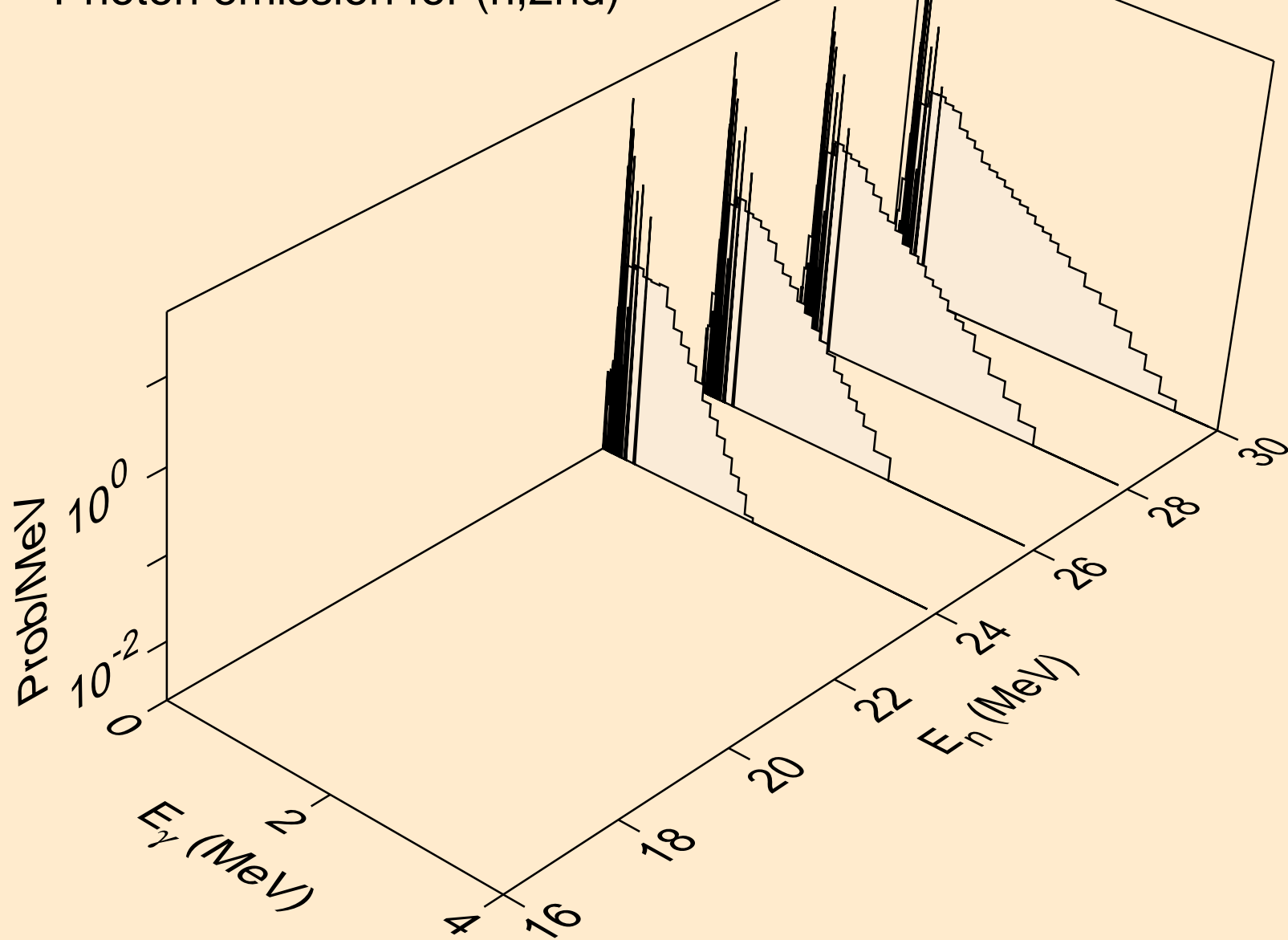
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



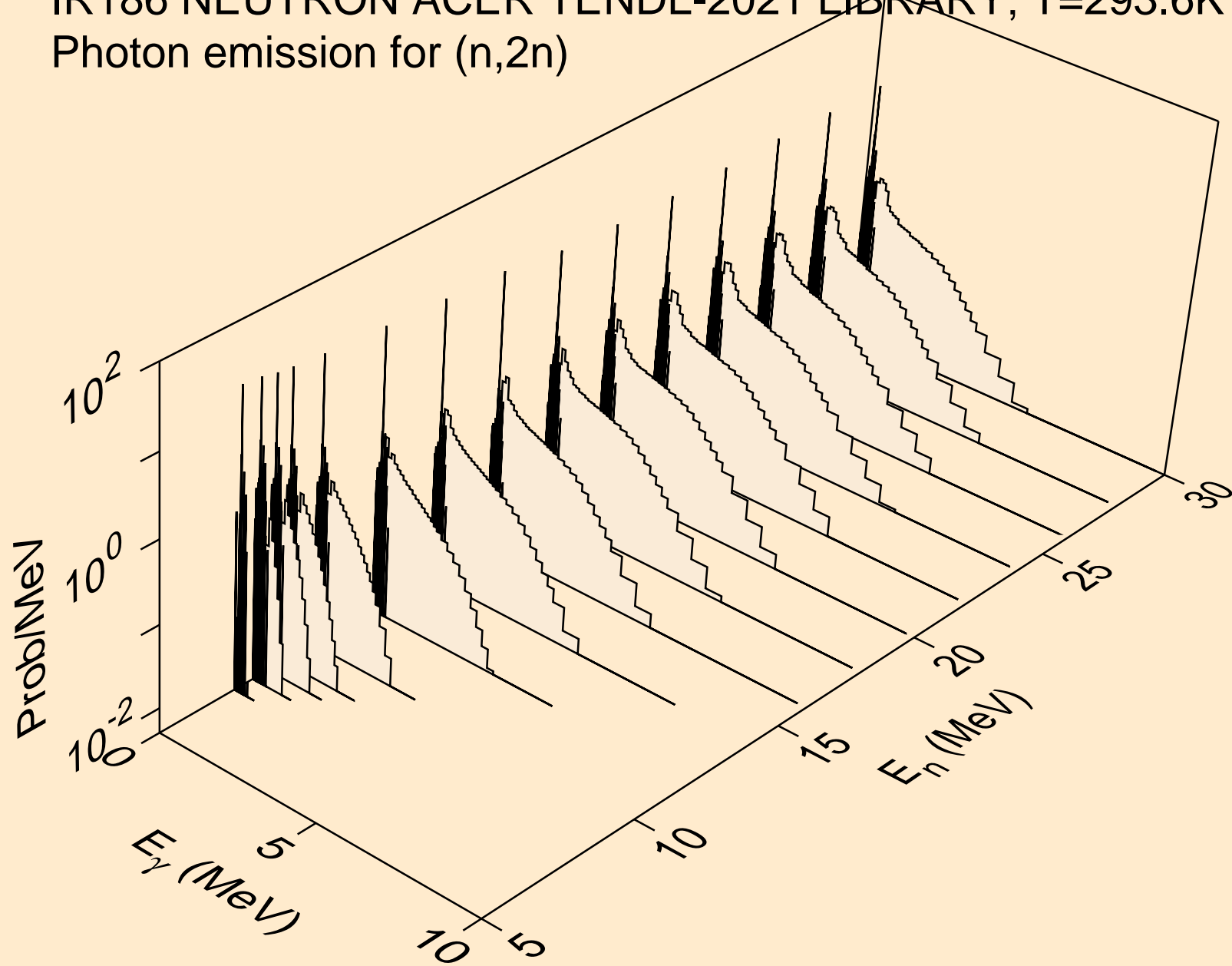
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



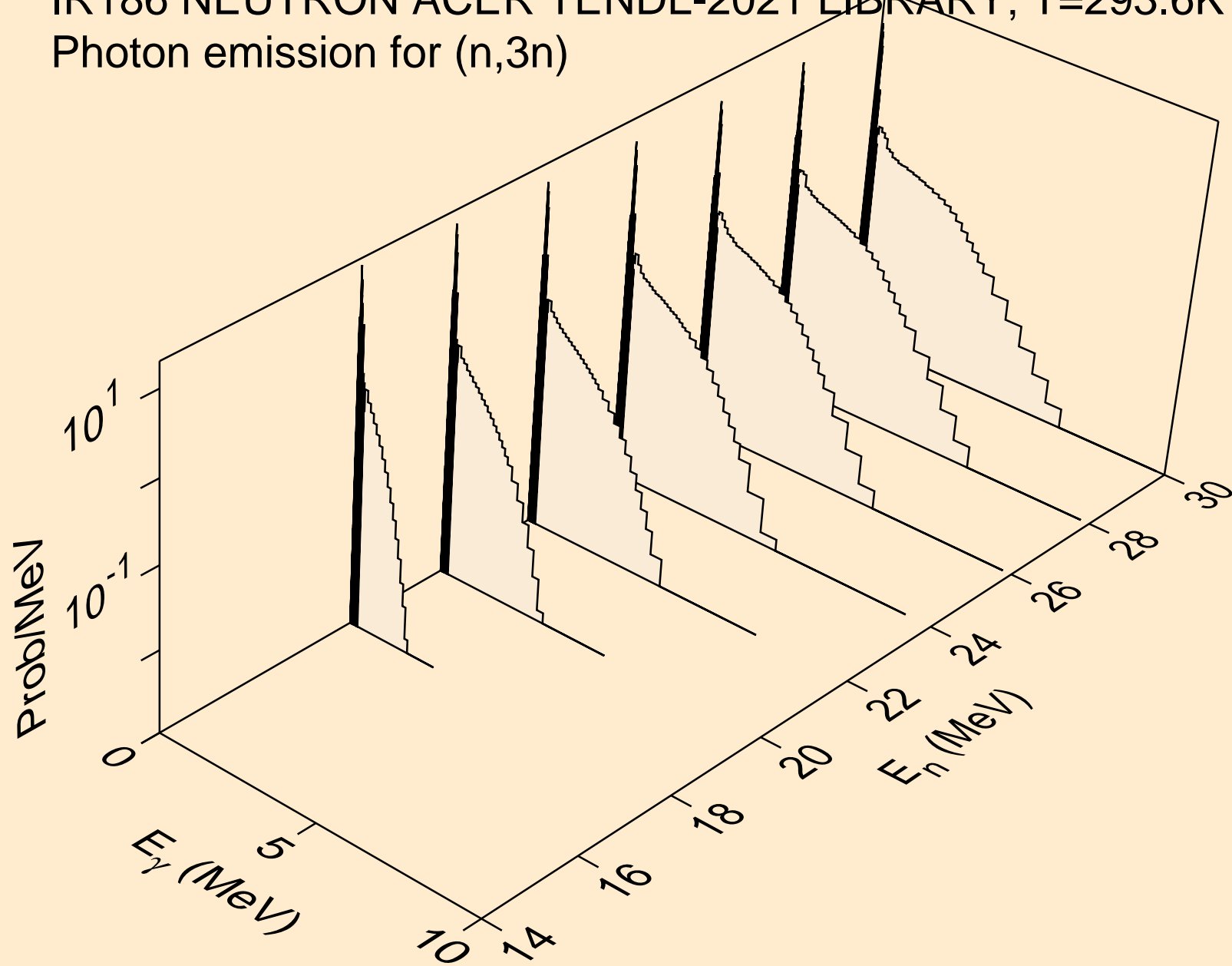
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Photon emission for (n,2nd)



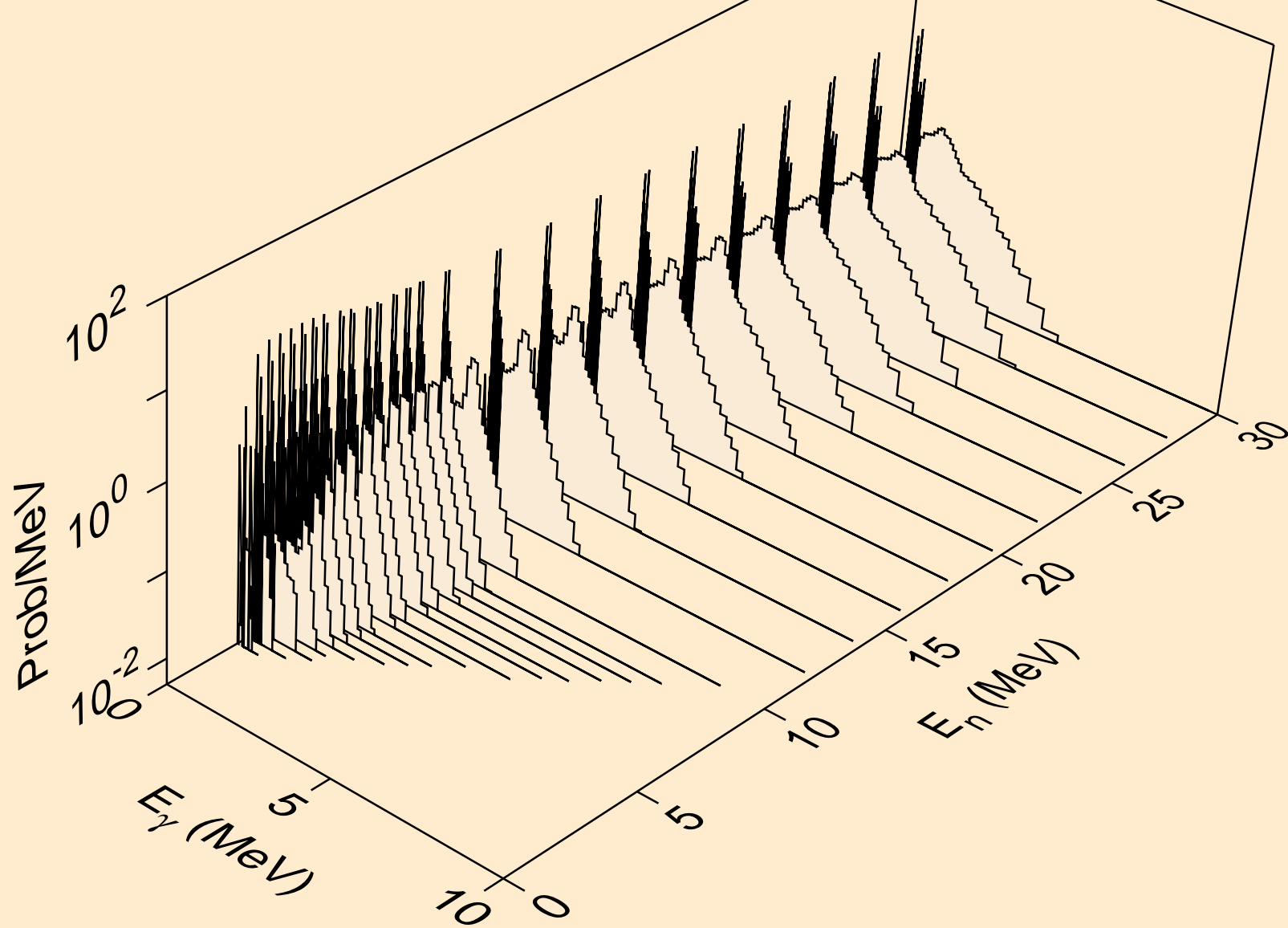
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



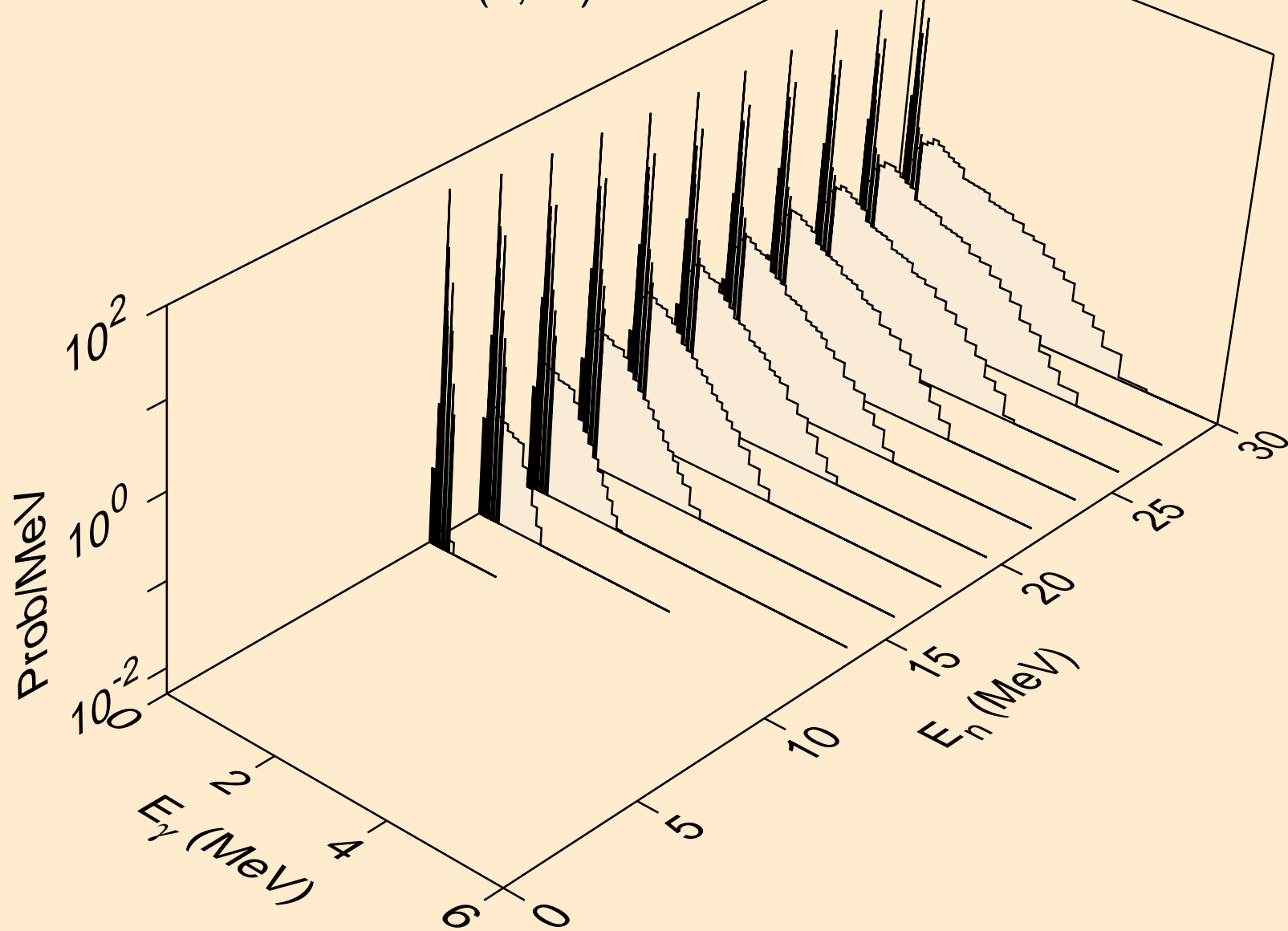
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

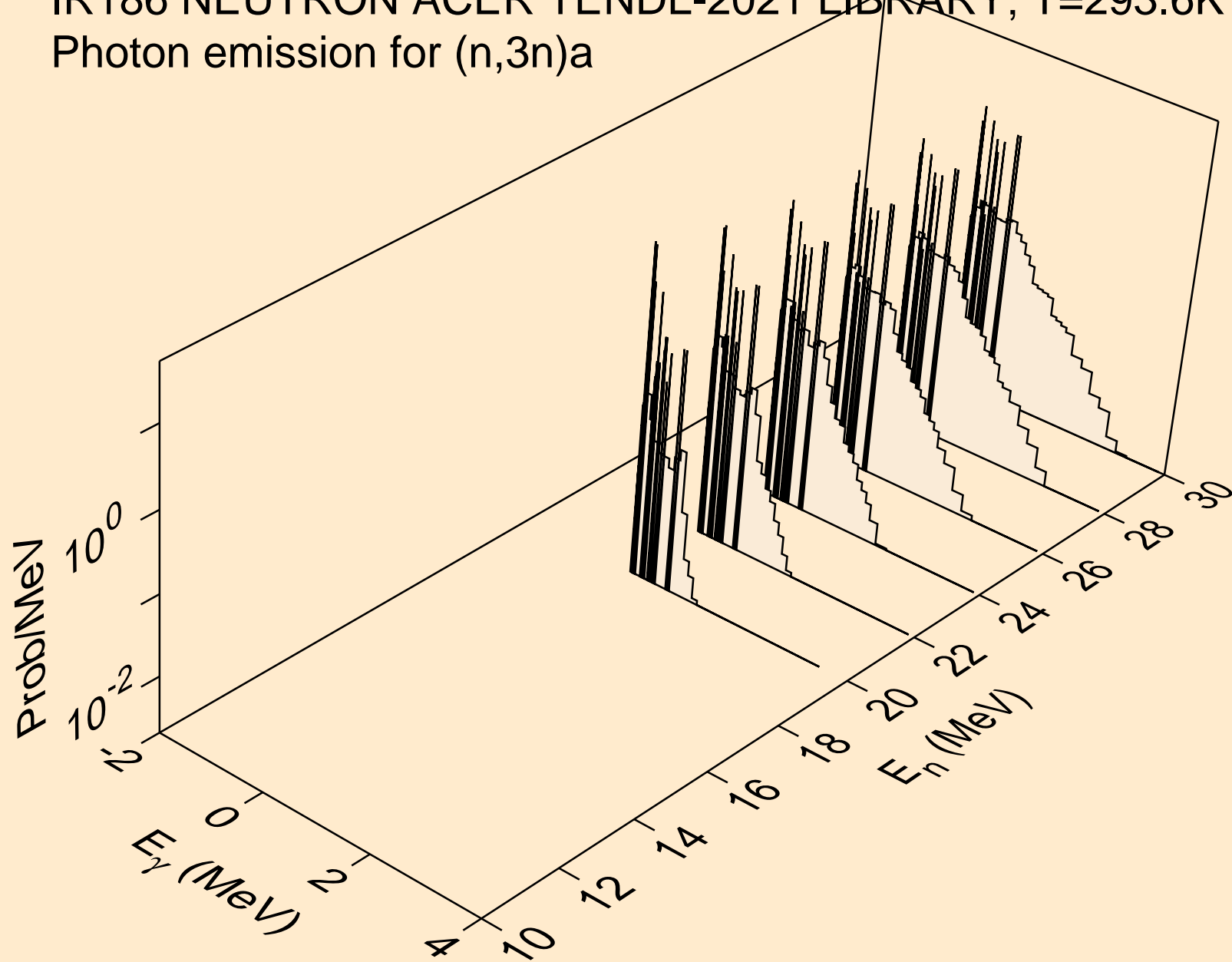


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

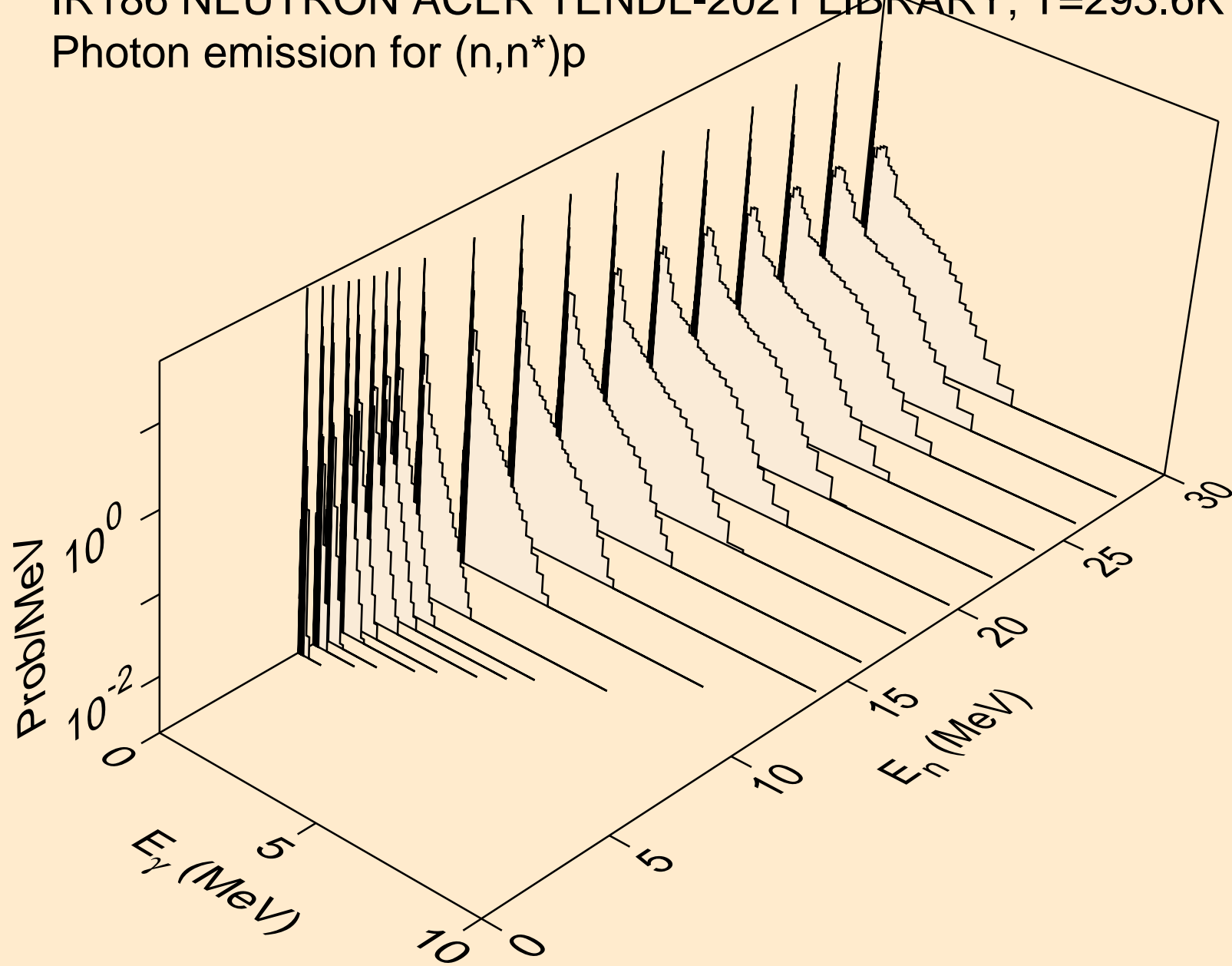




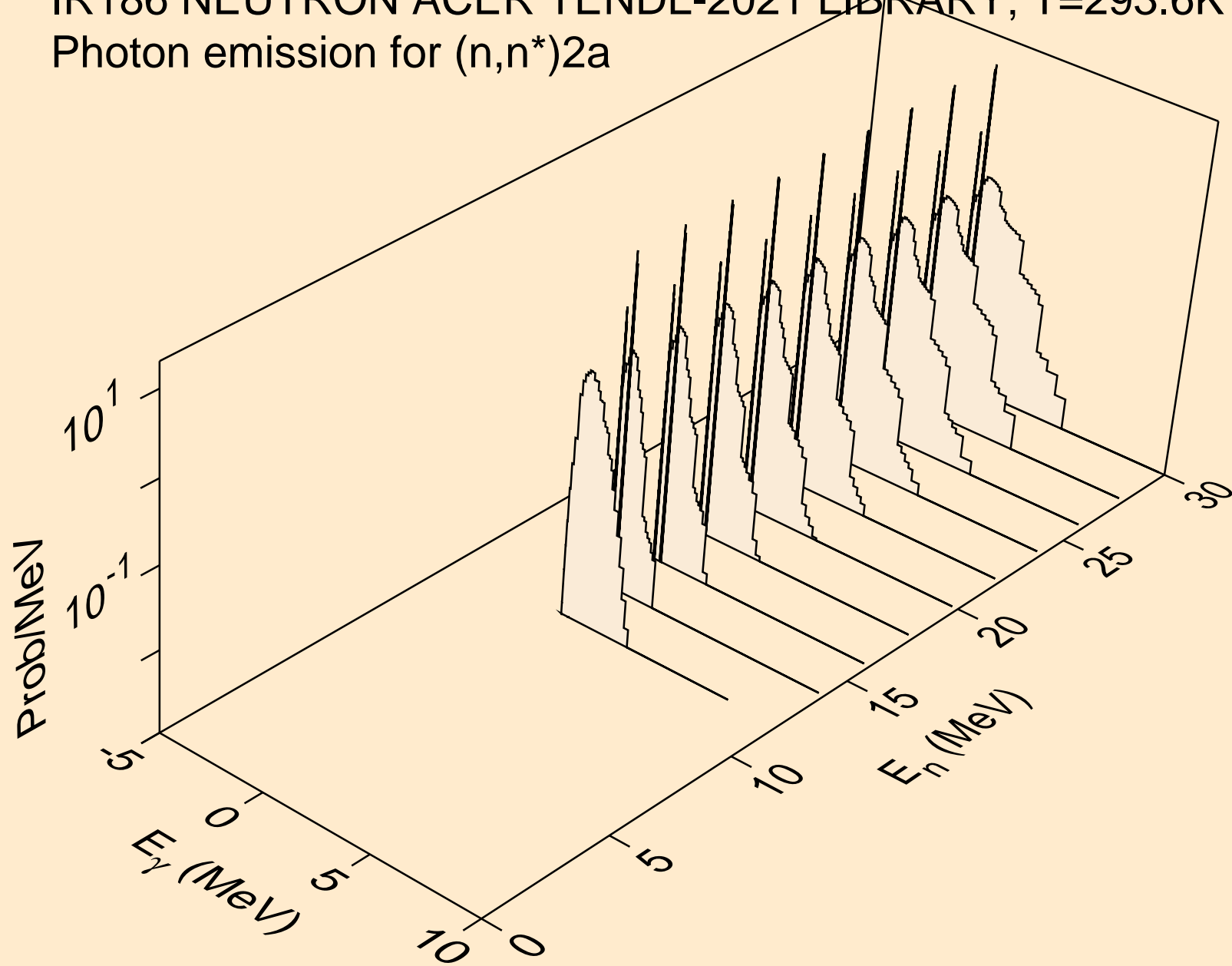
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



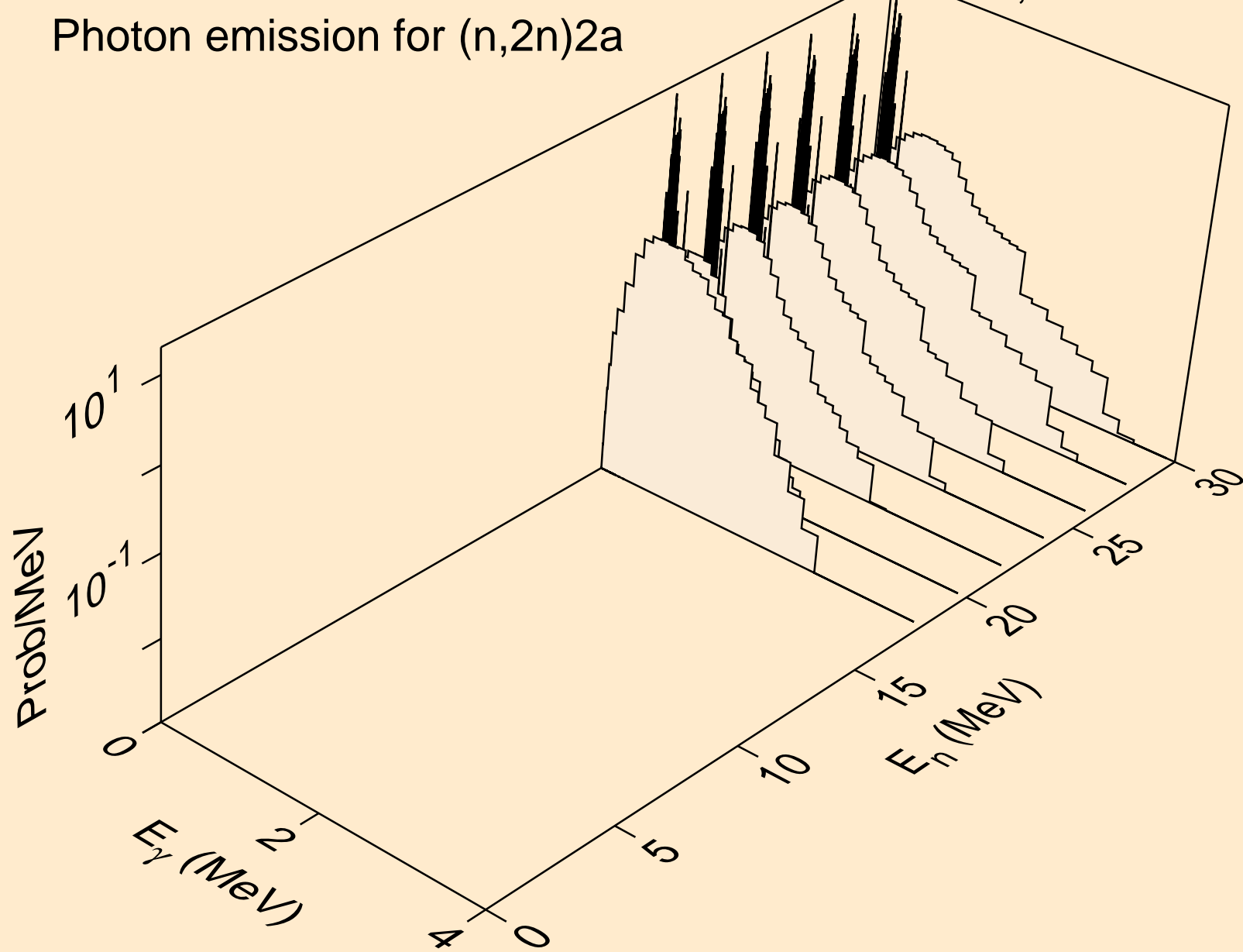
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



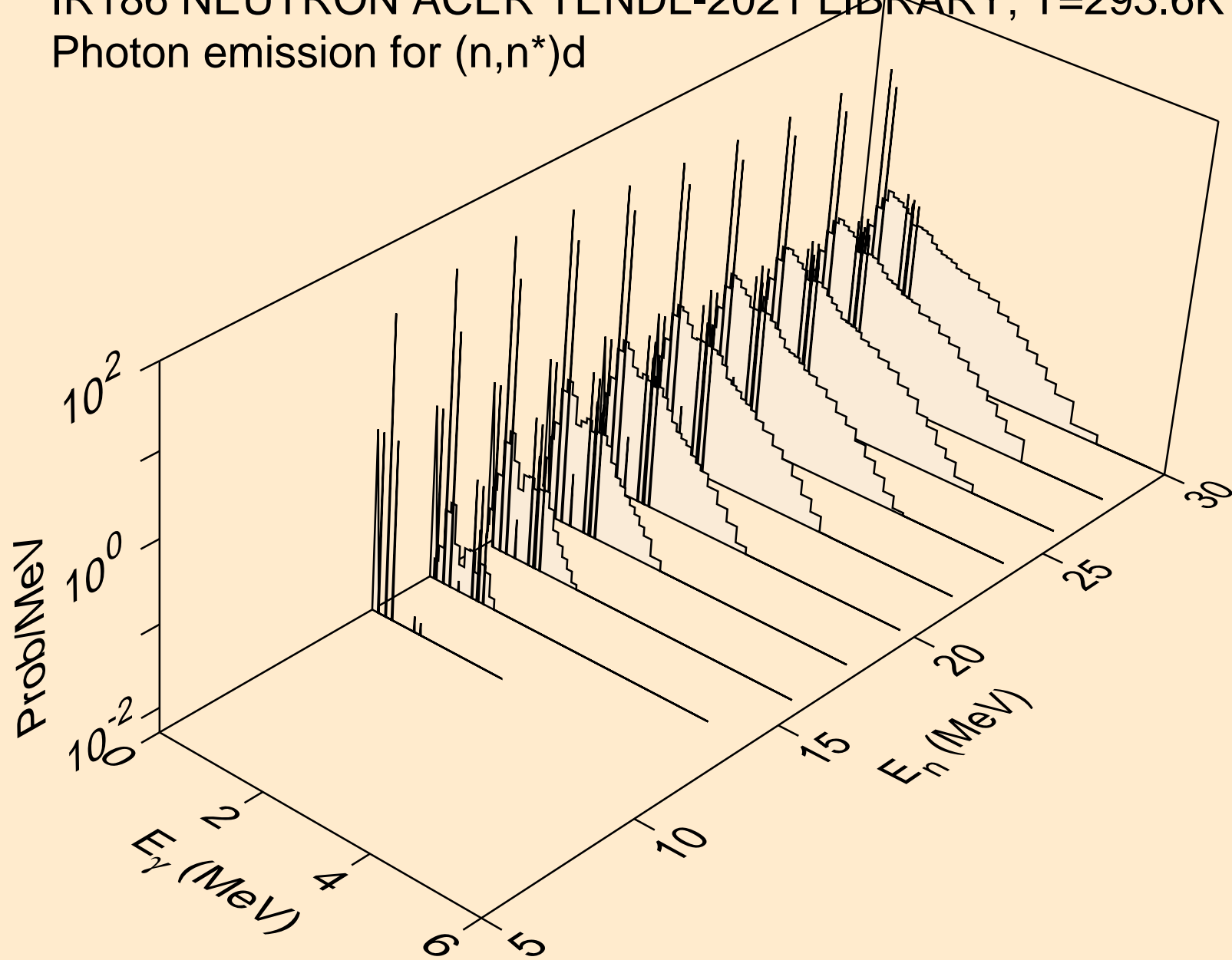
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



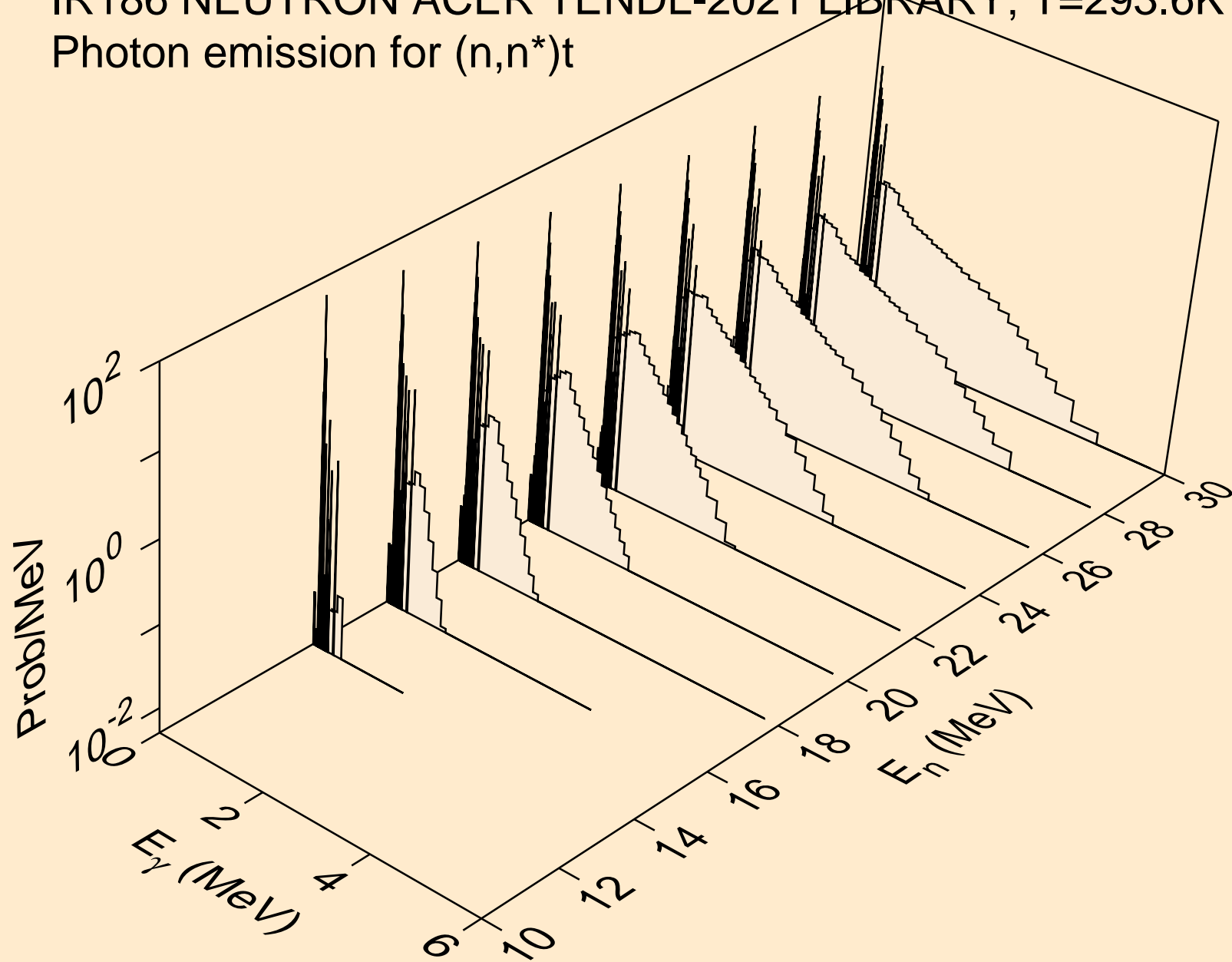
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



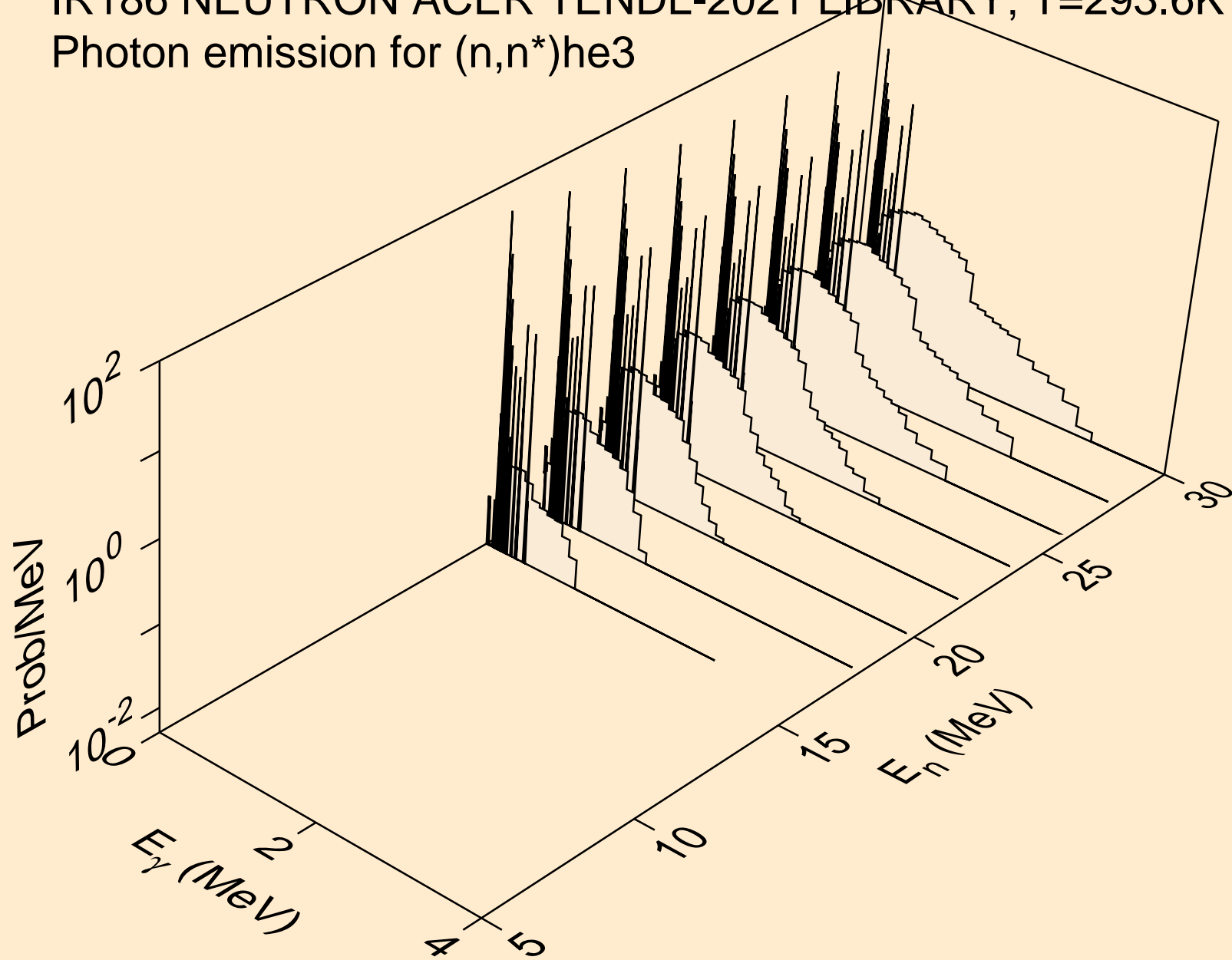
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



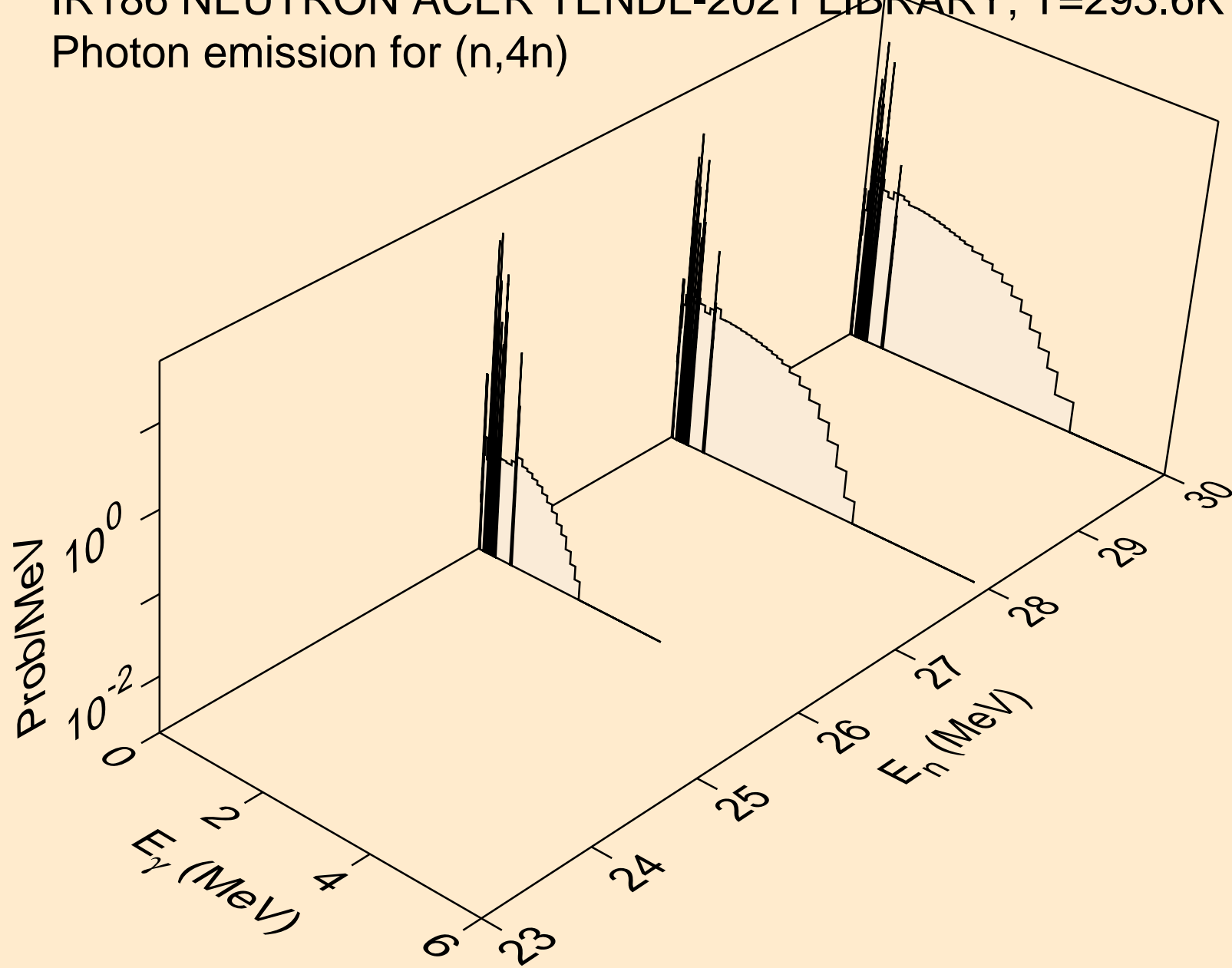
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

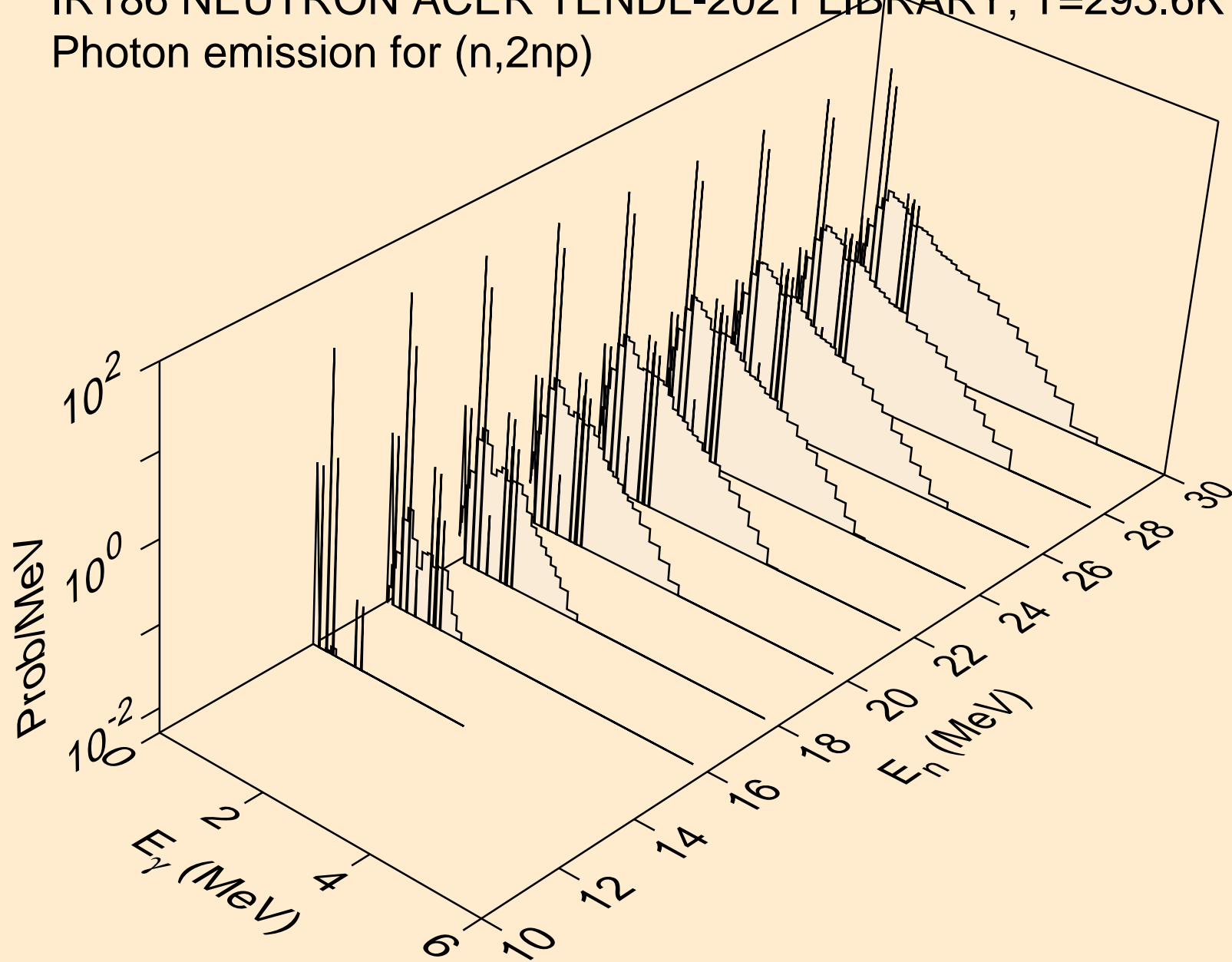


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

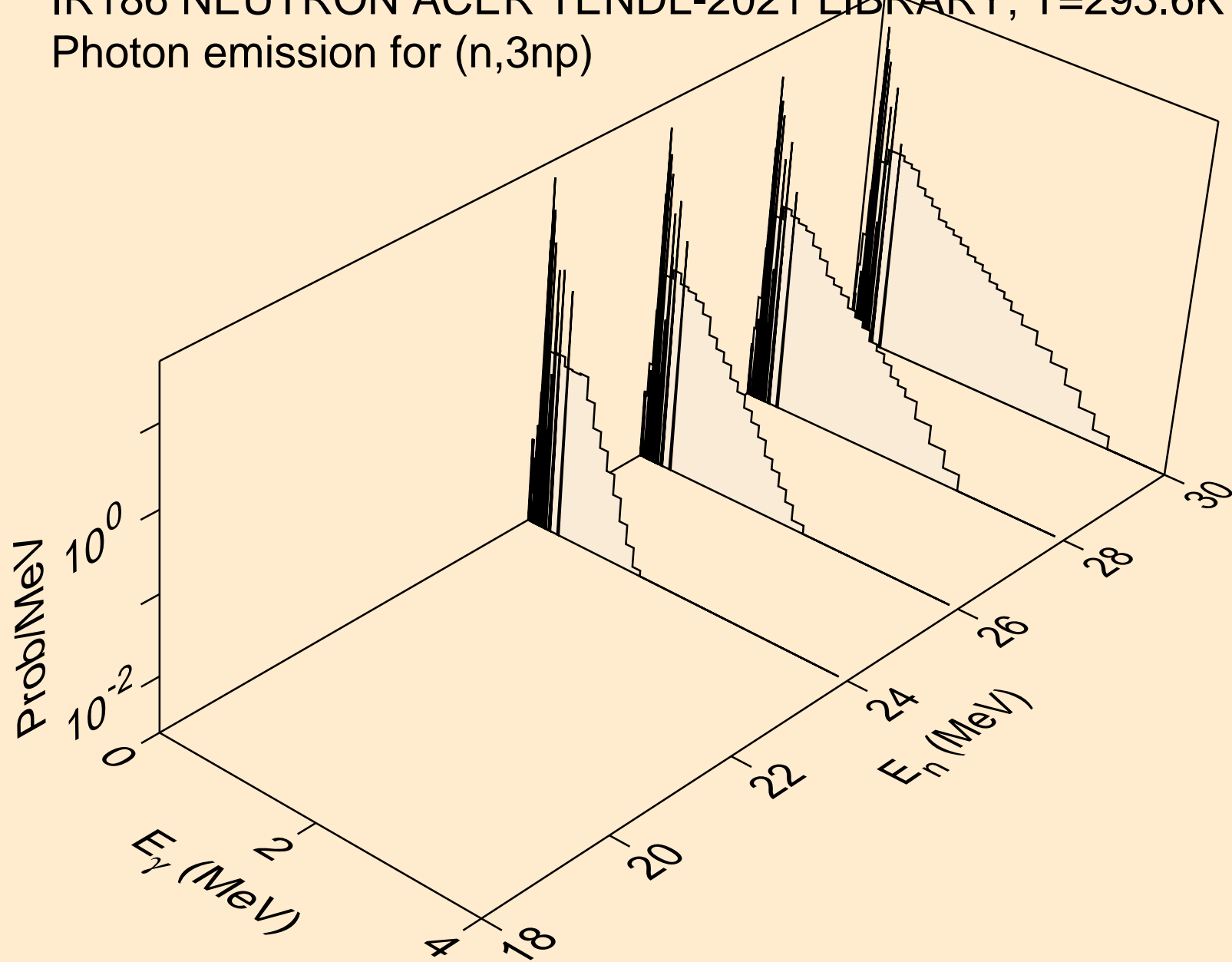




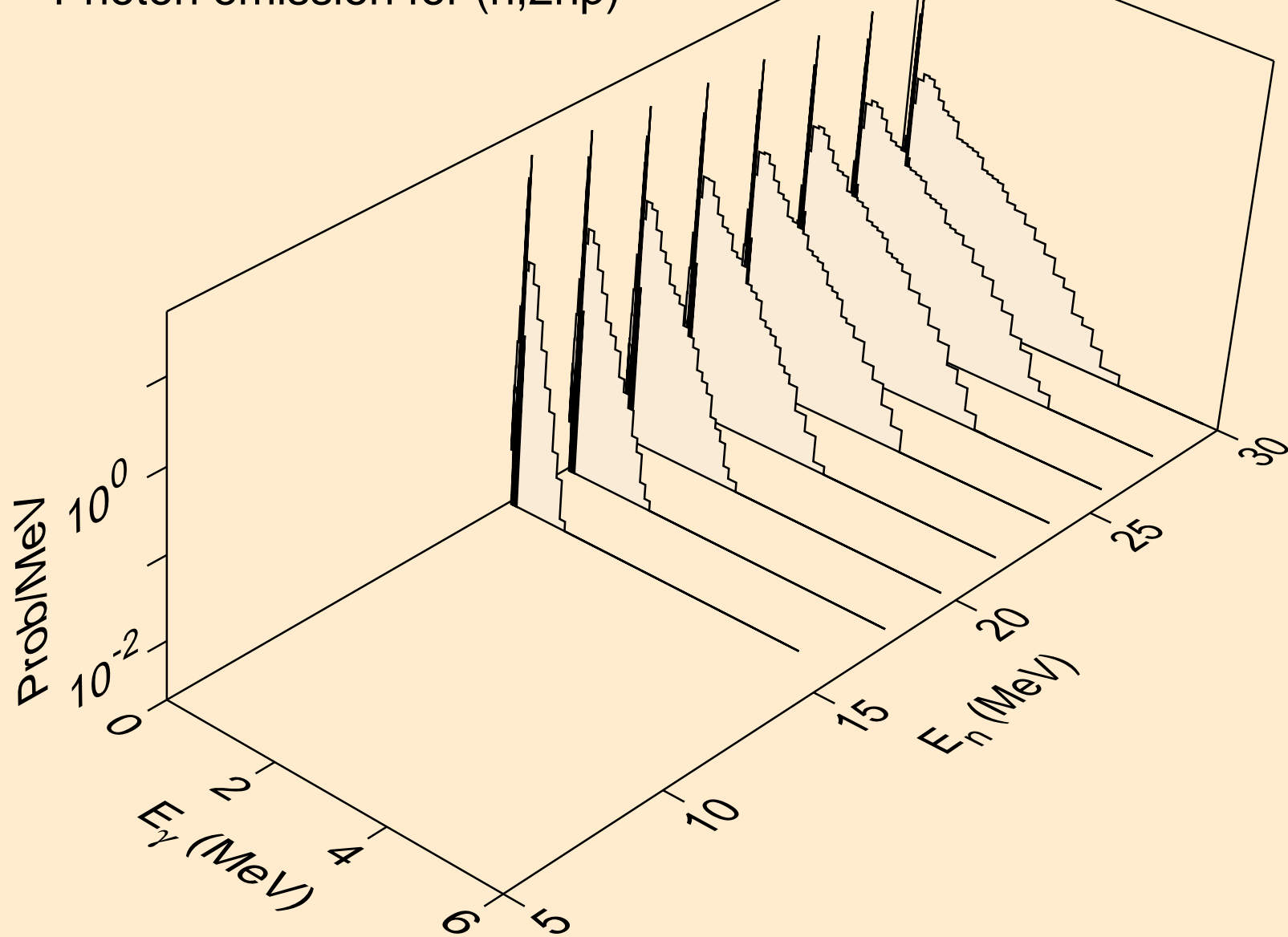
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



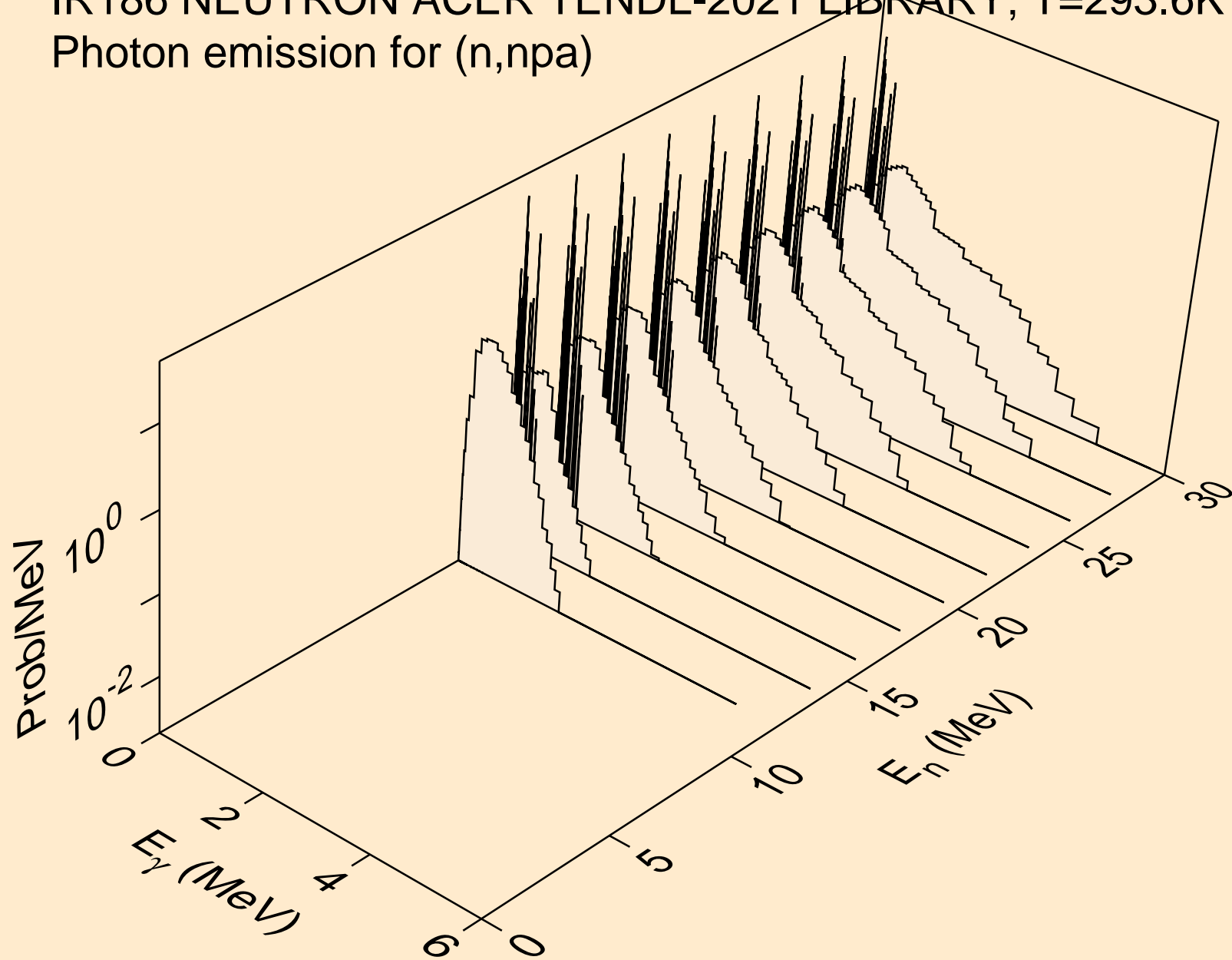
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



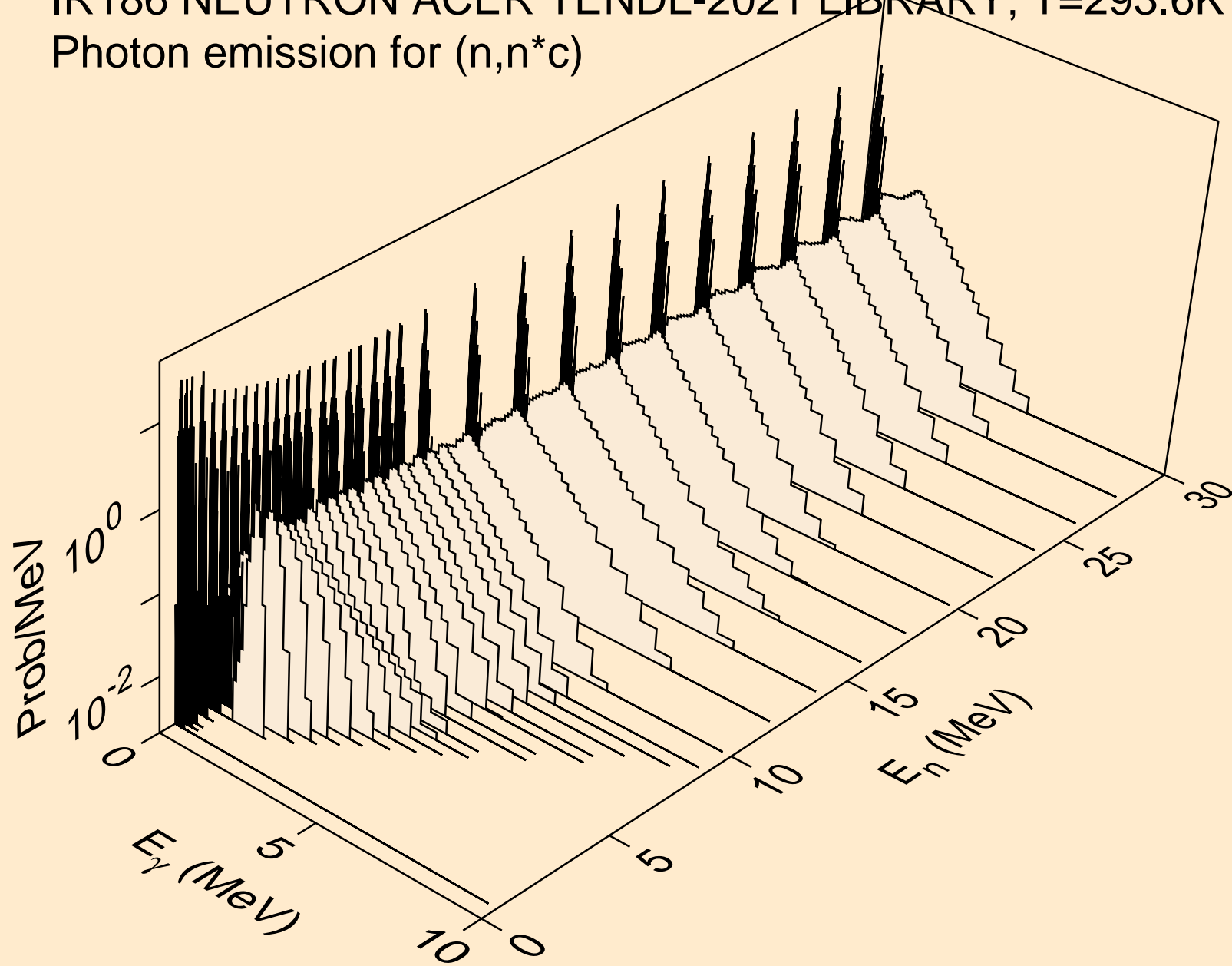
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



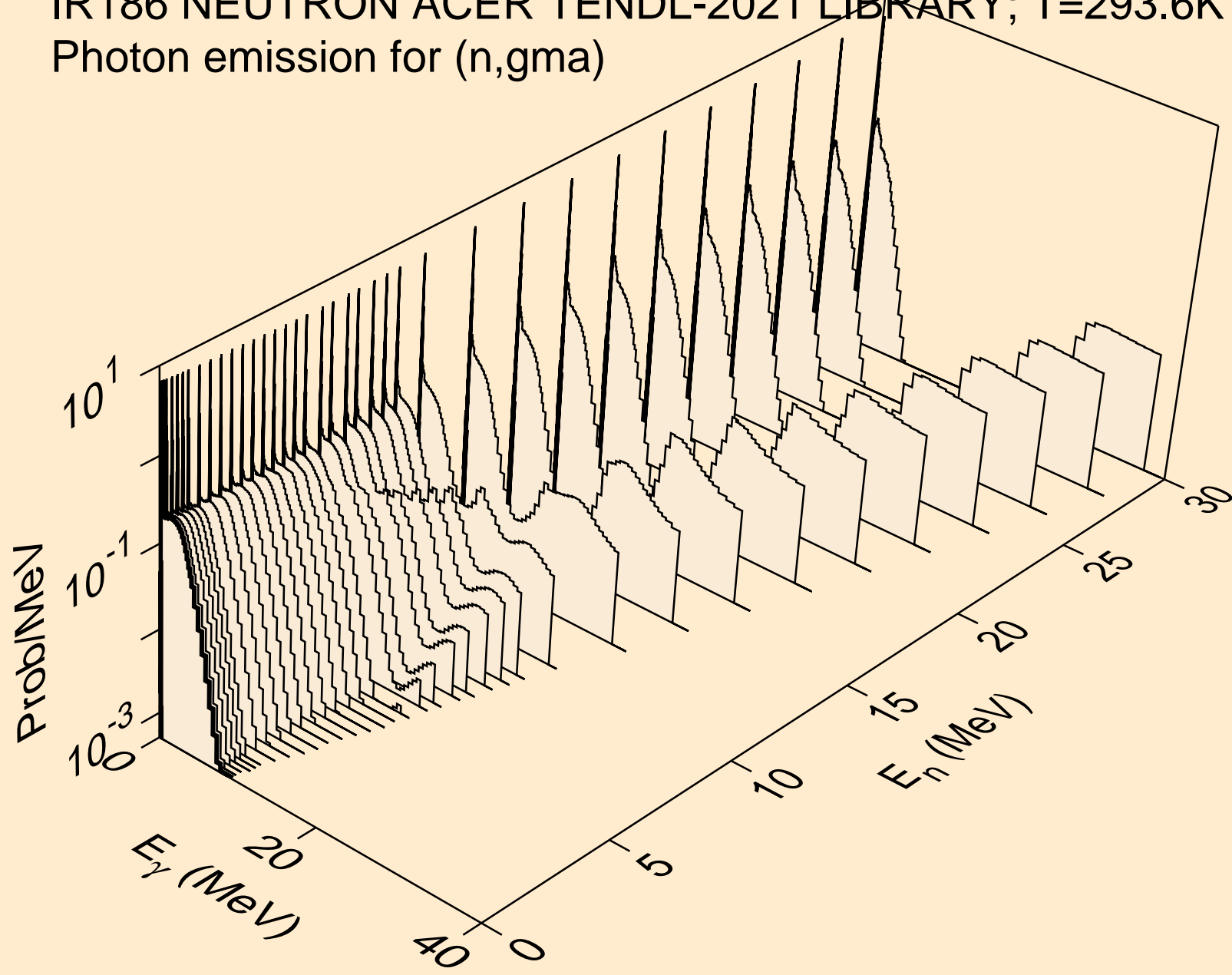
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



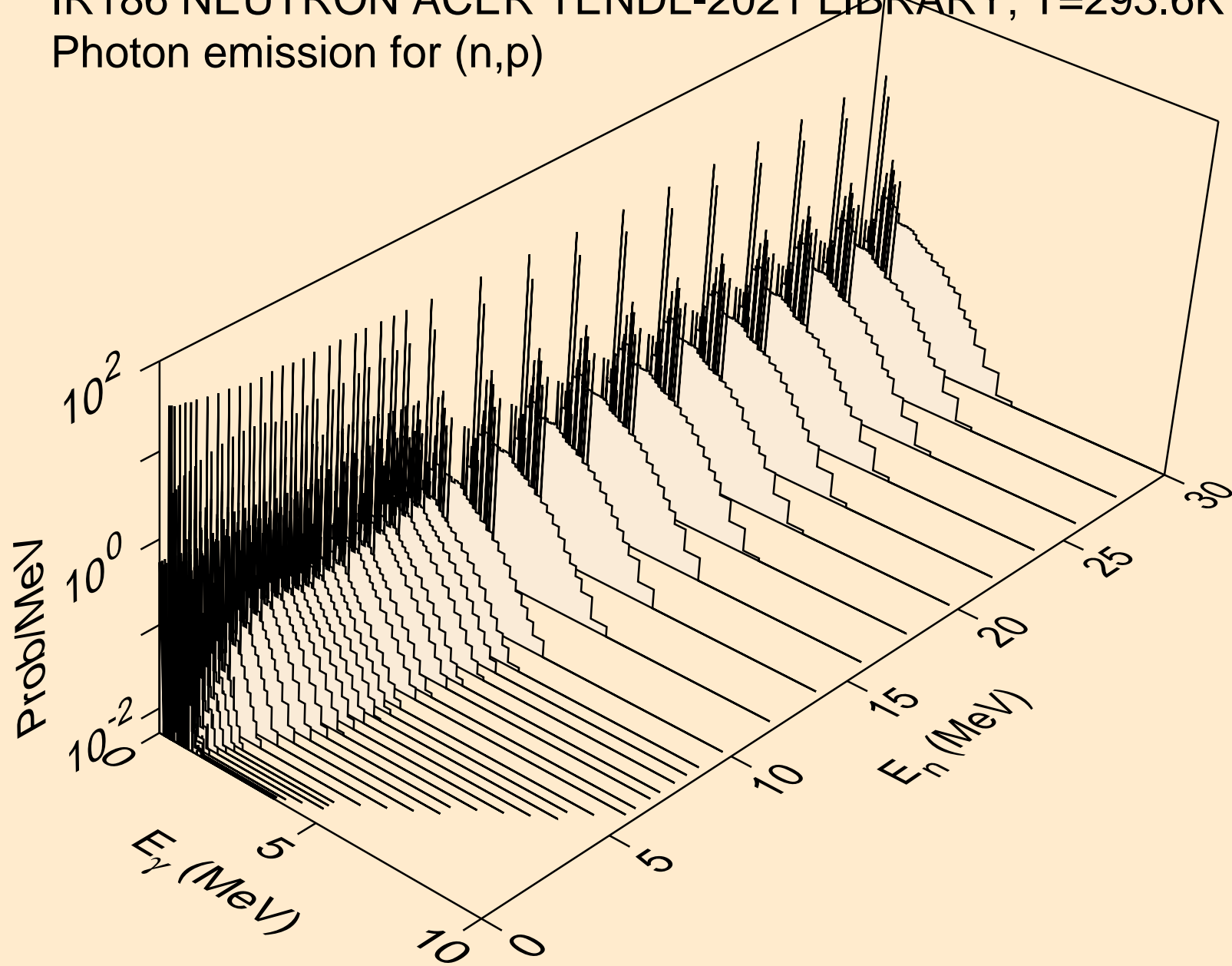
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



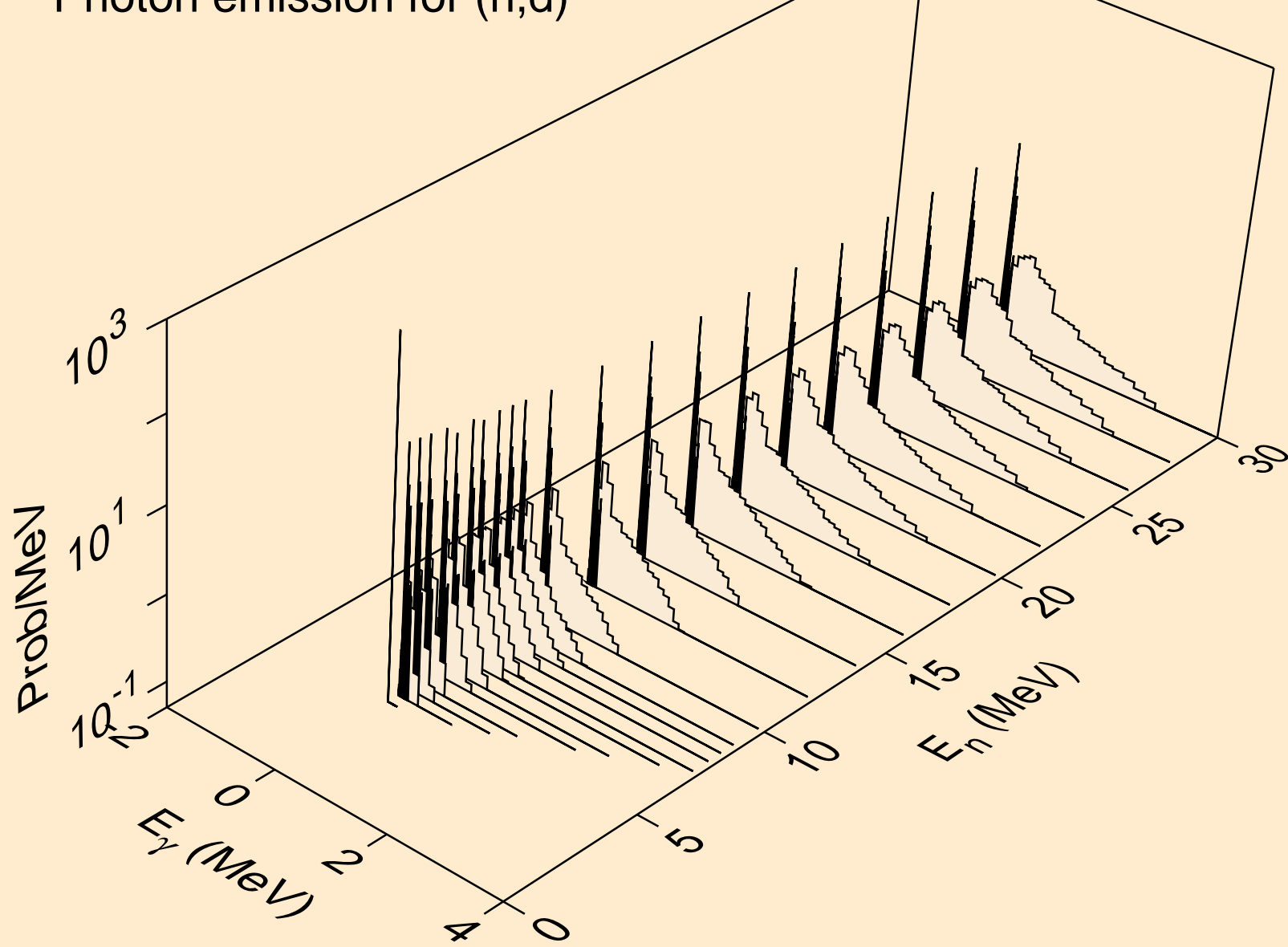
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

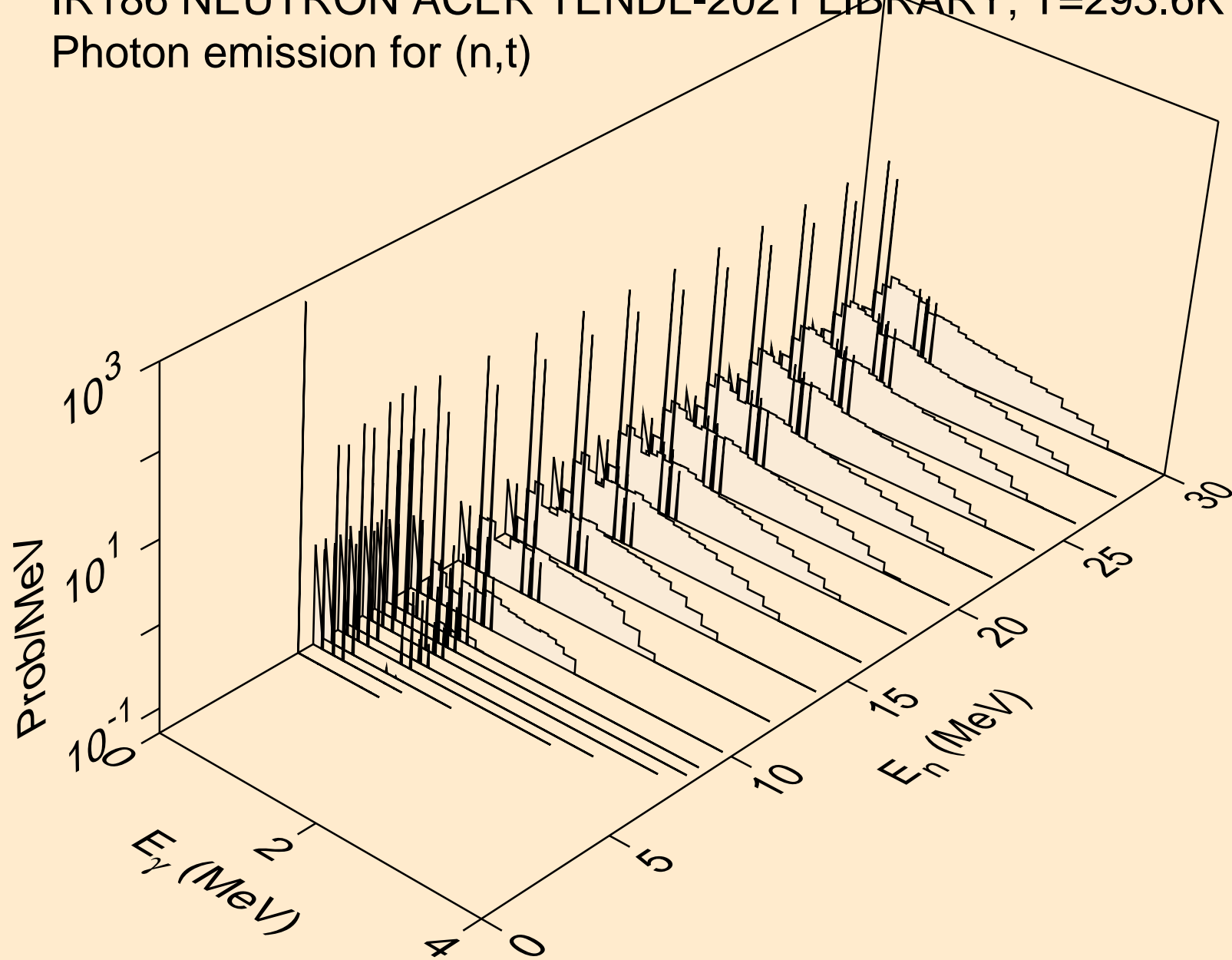


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

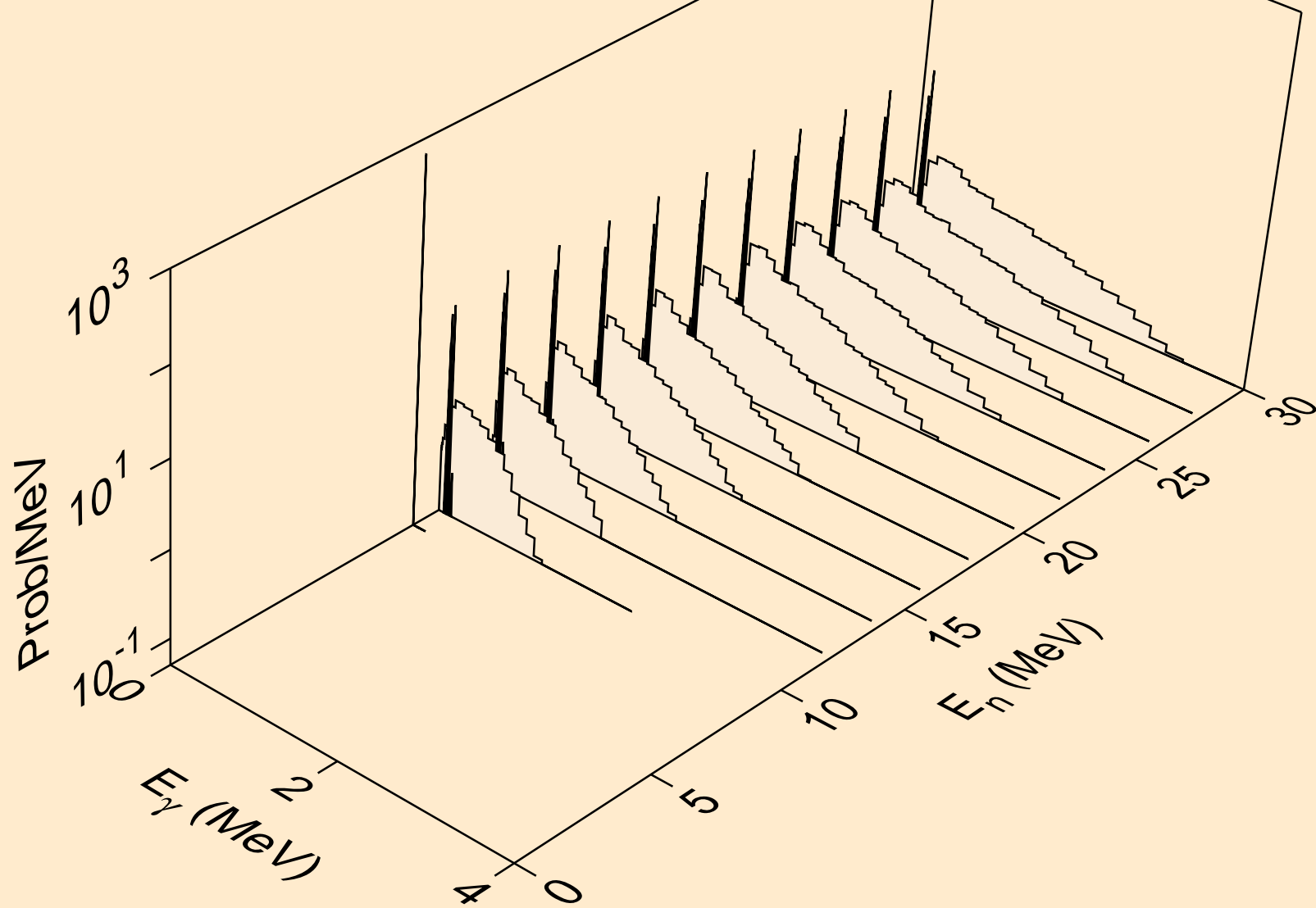




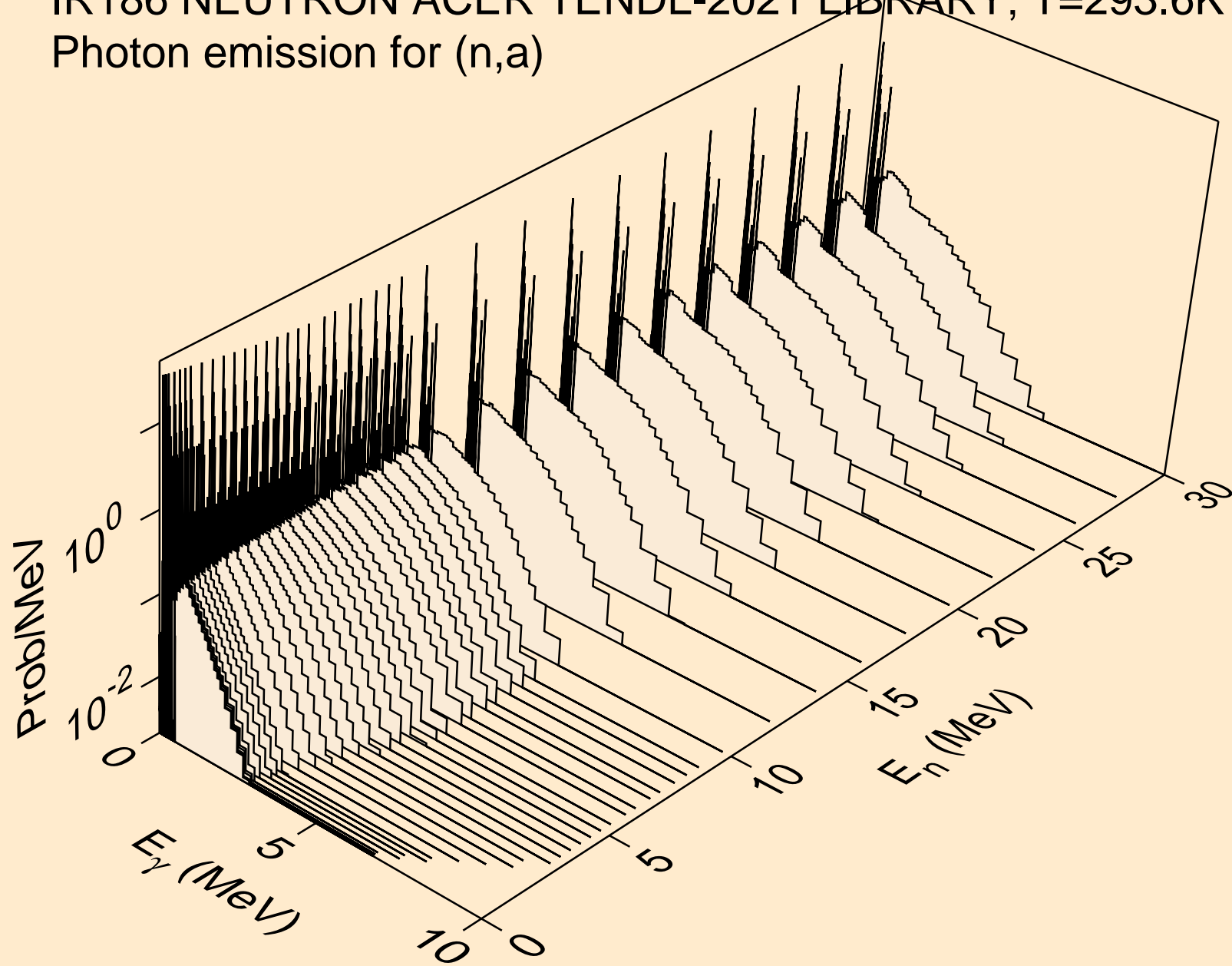
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



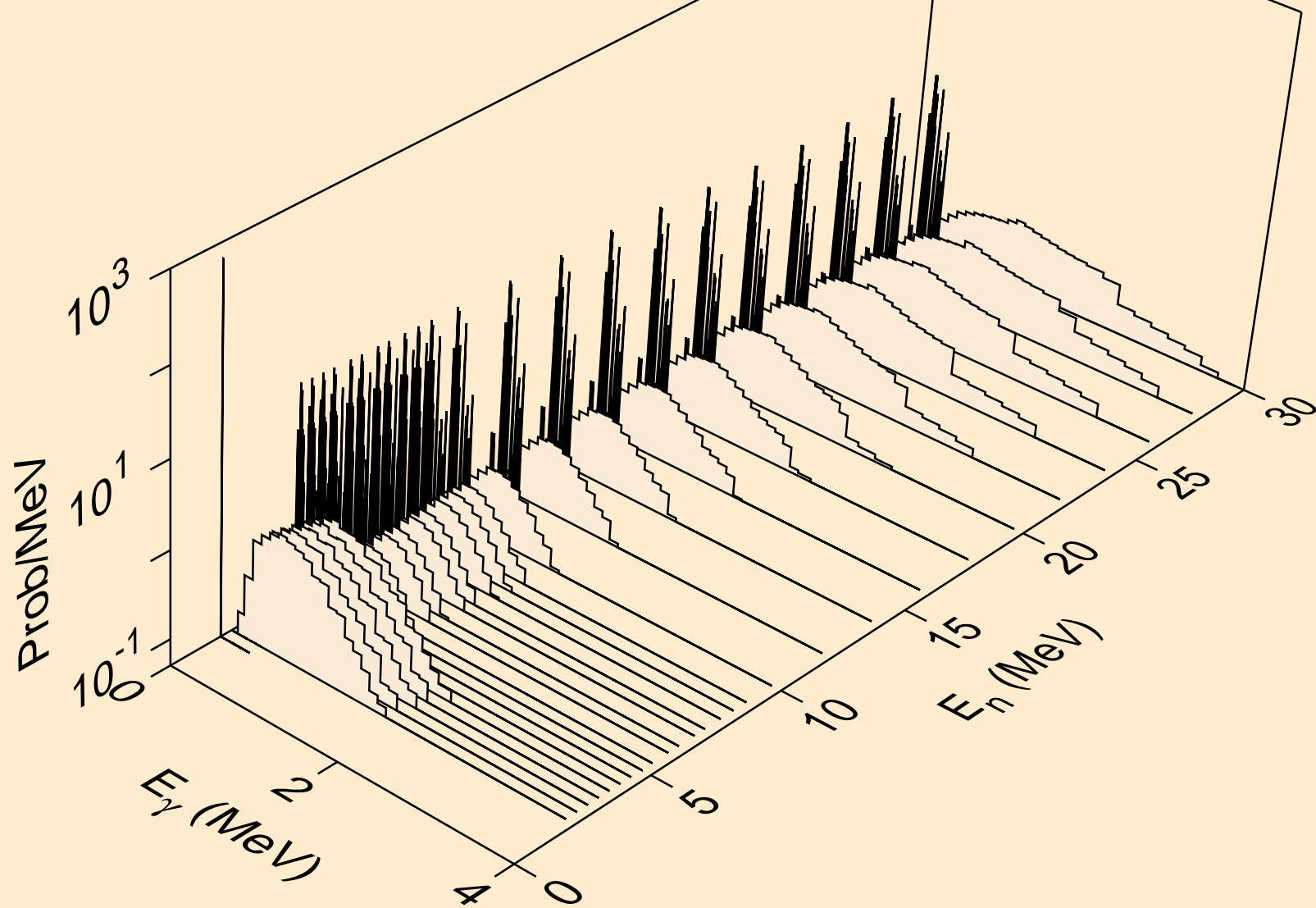
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



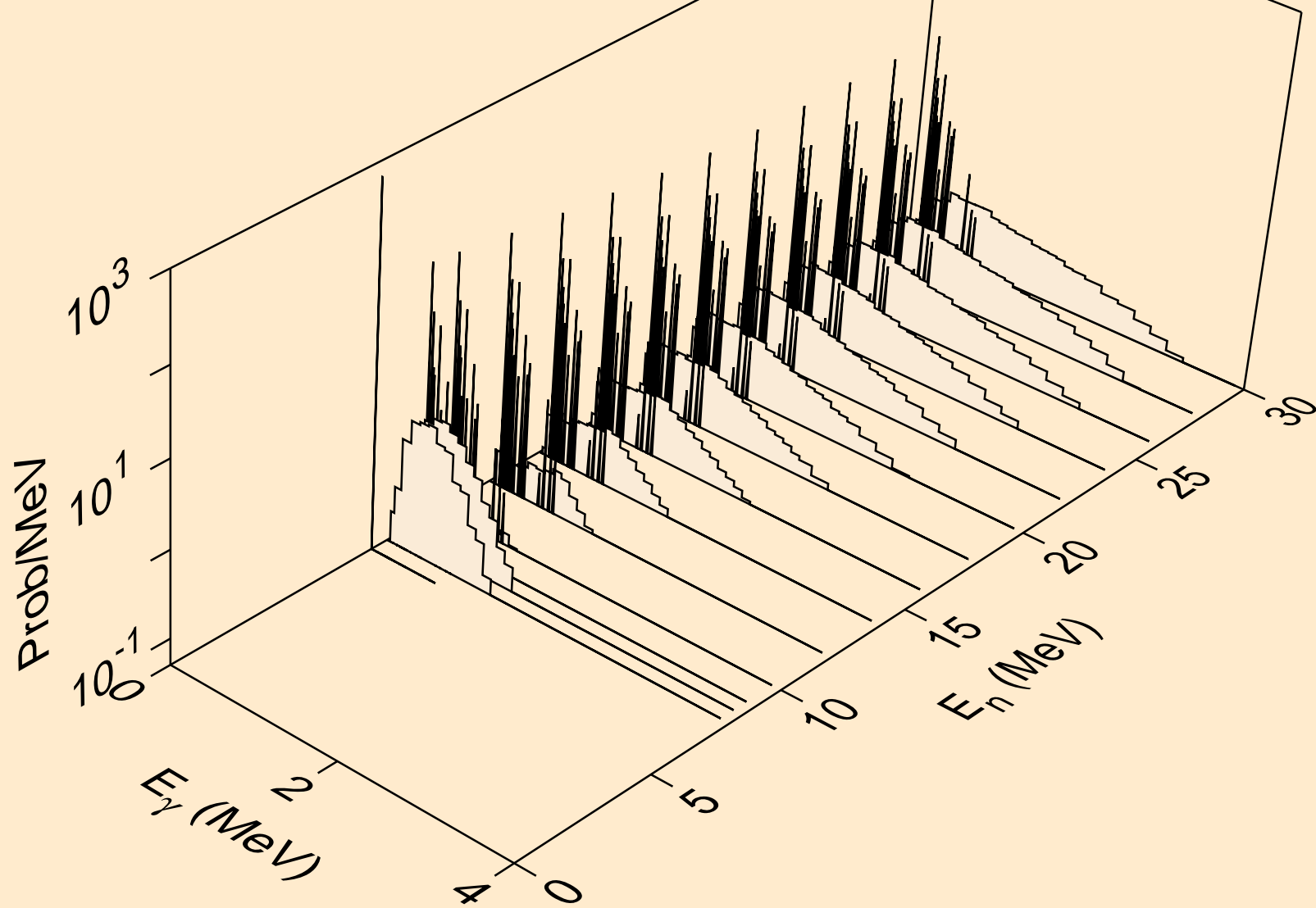
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Photon emission for (n,a)



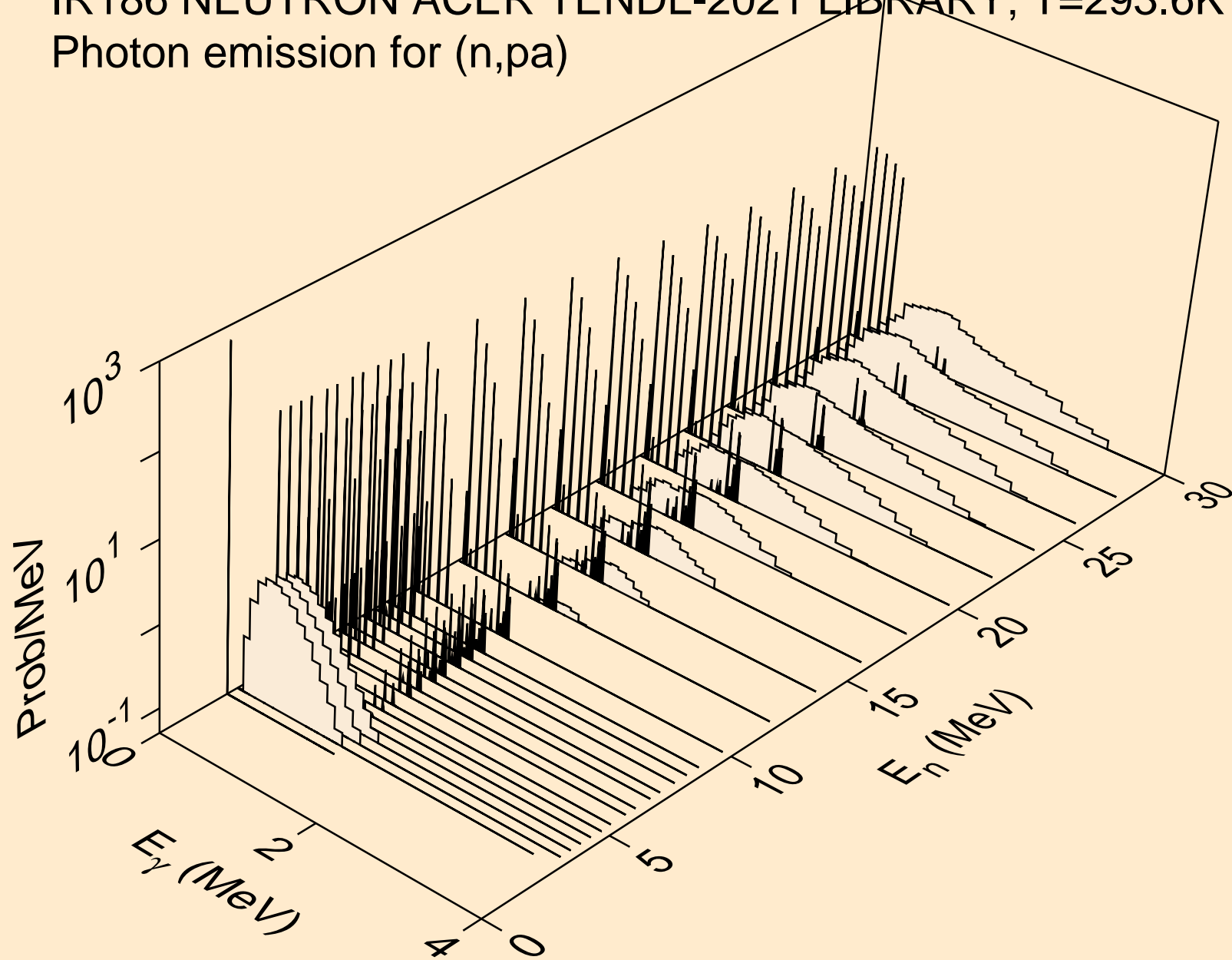
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Photon emission for (n,2a)



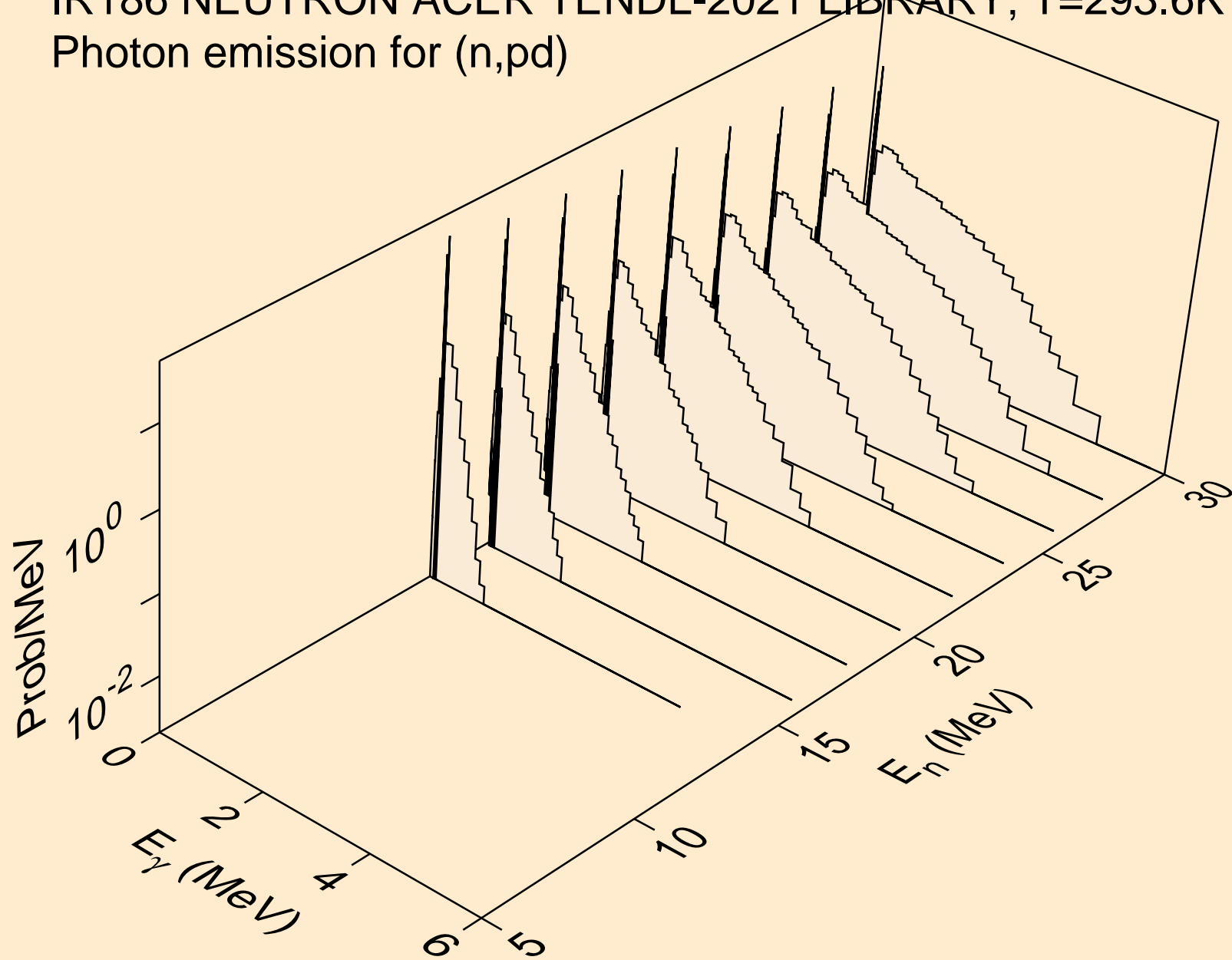
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Photon emission for (n,2p)



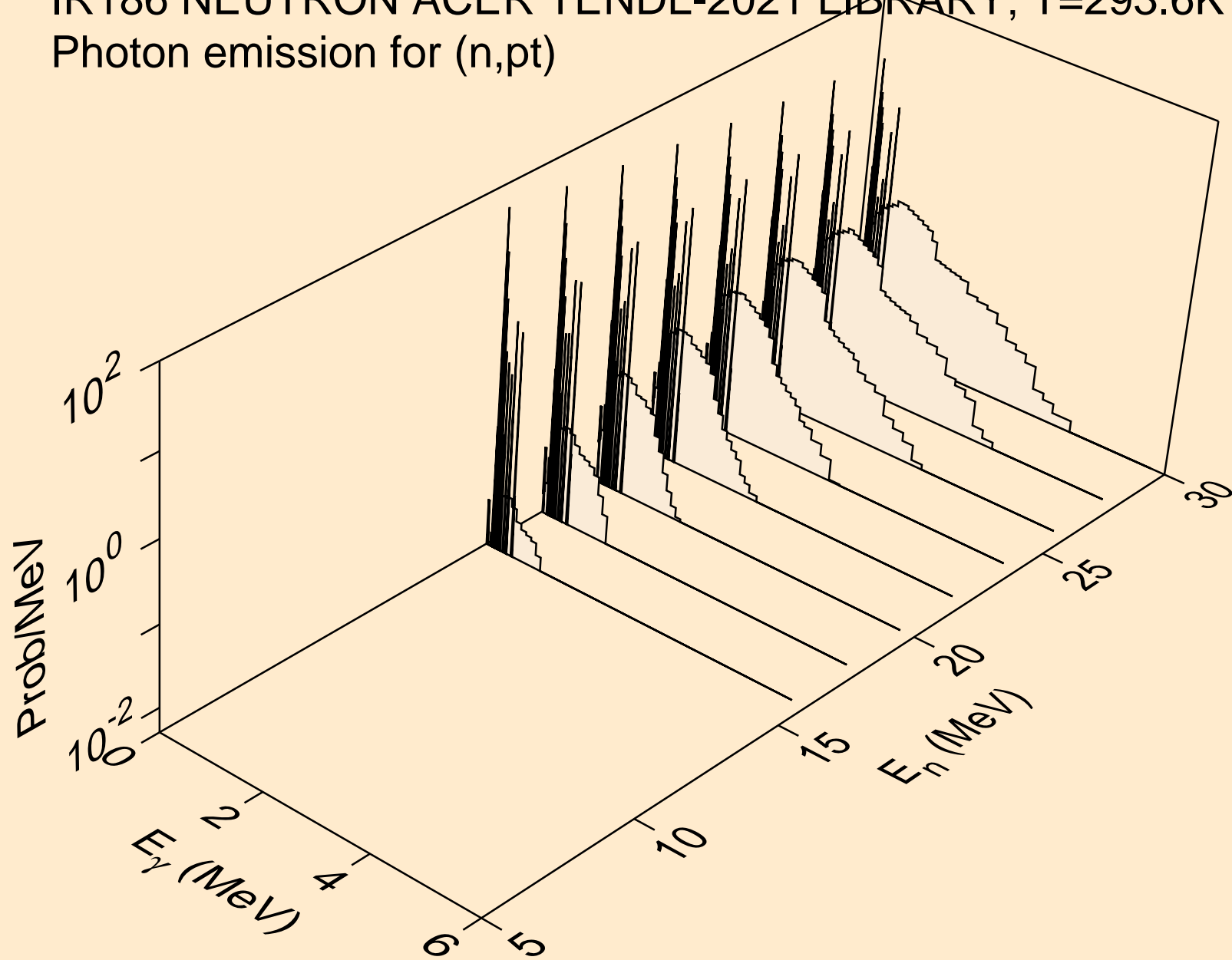
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

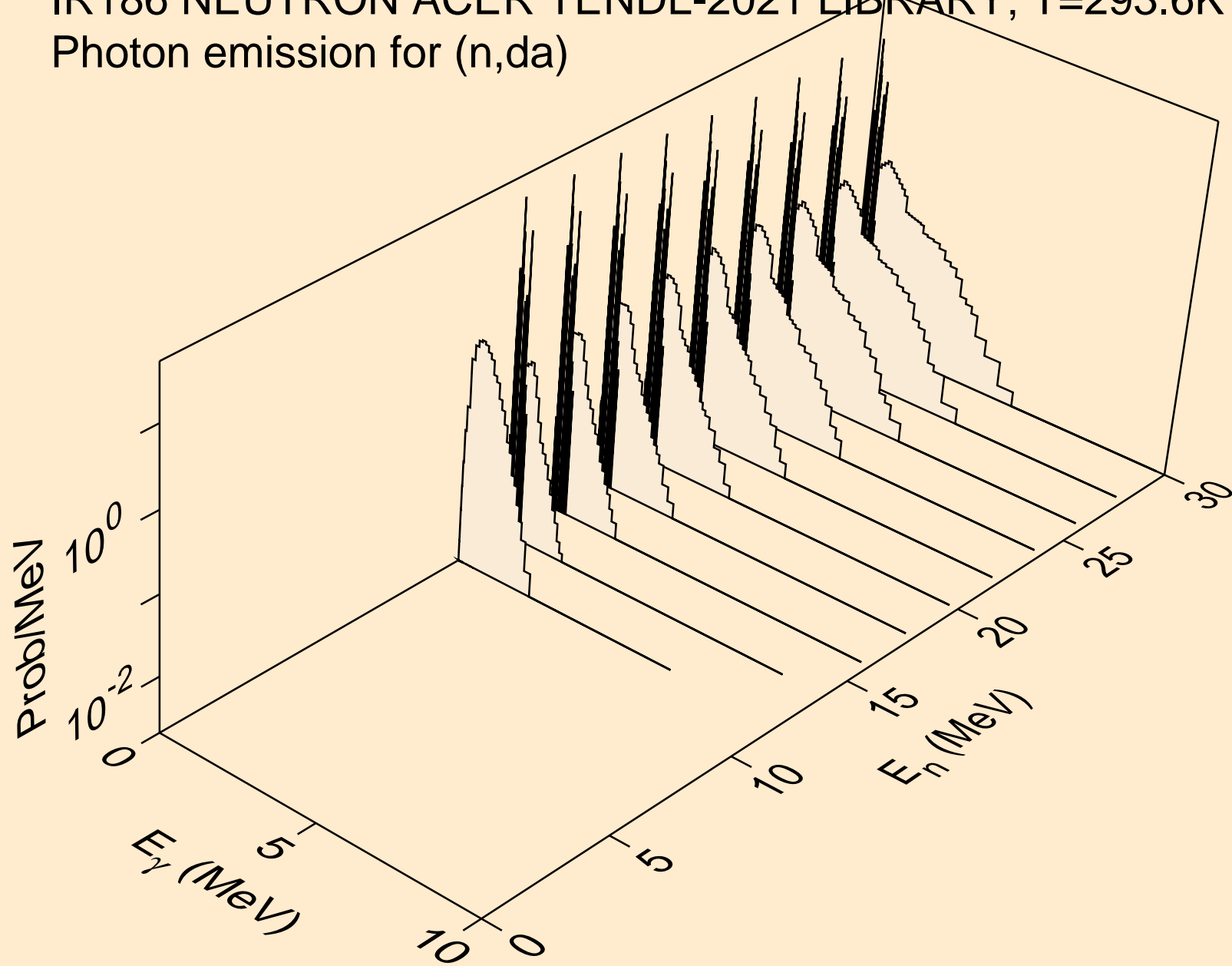


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

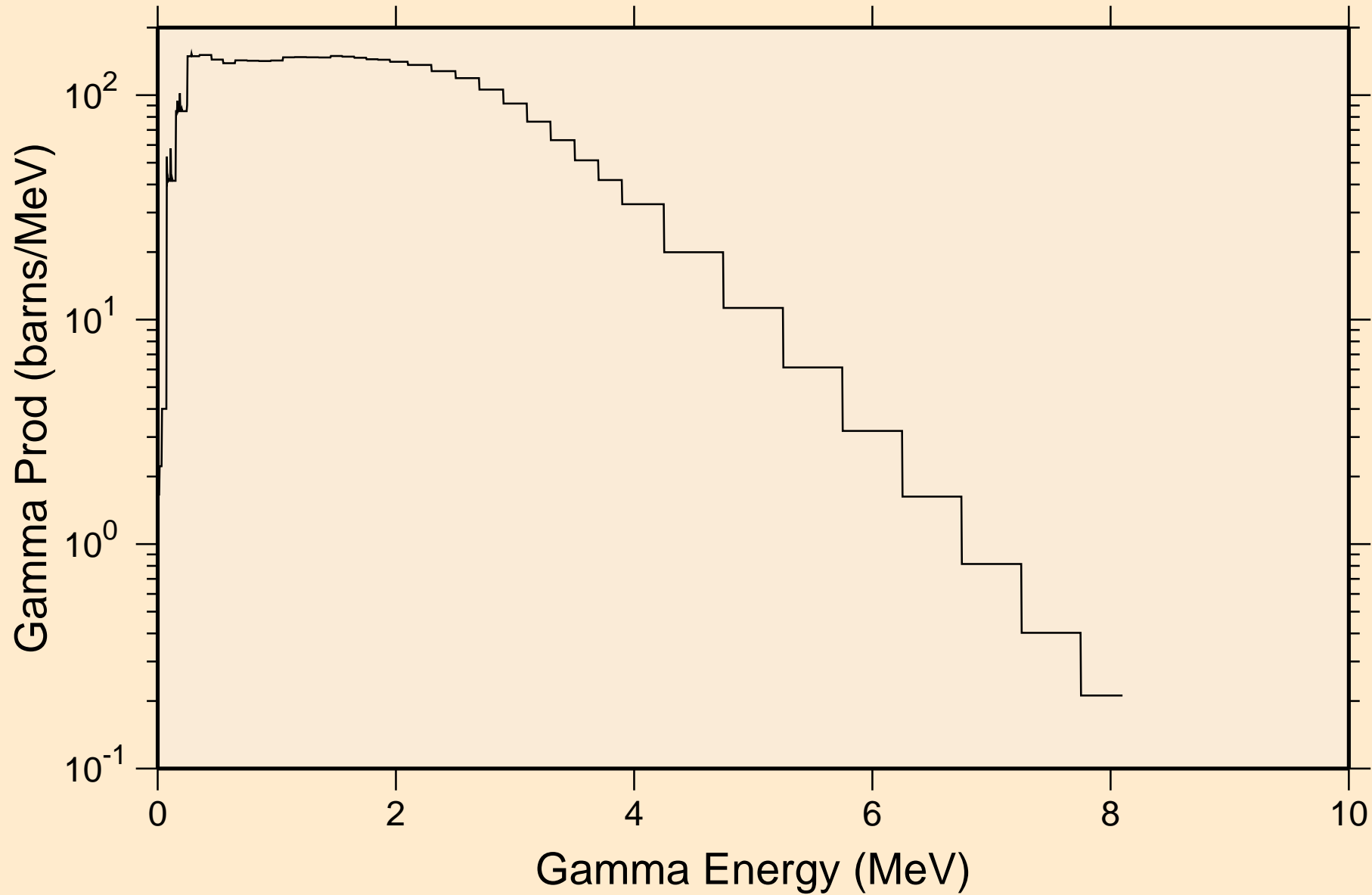




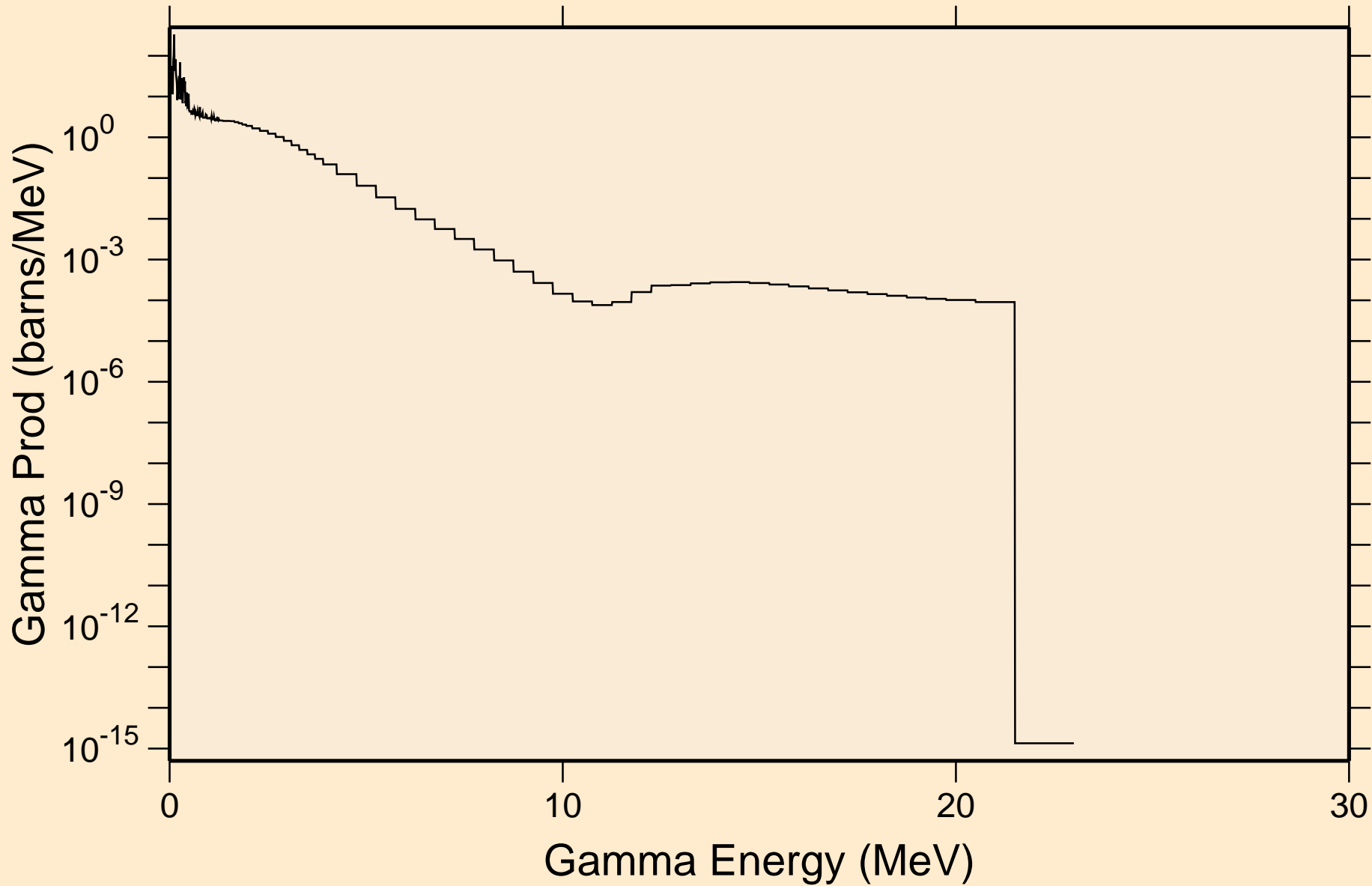
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Photon emission for (n,da)



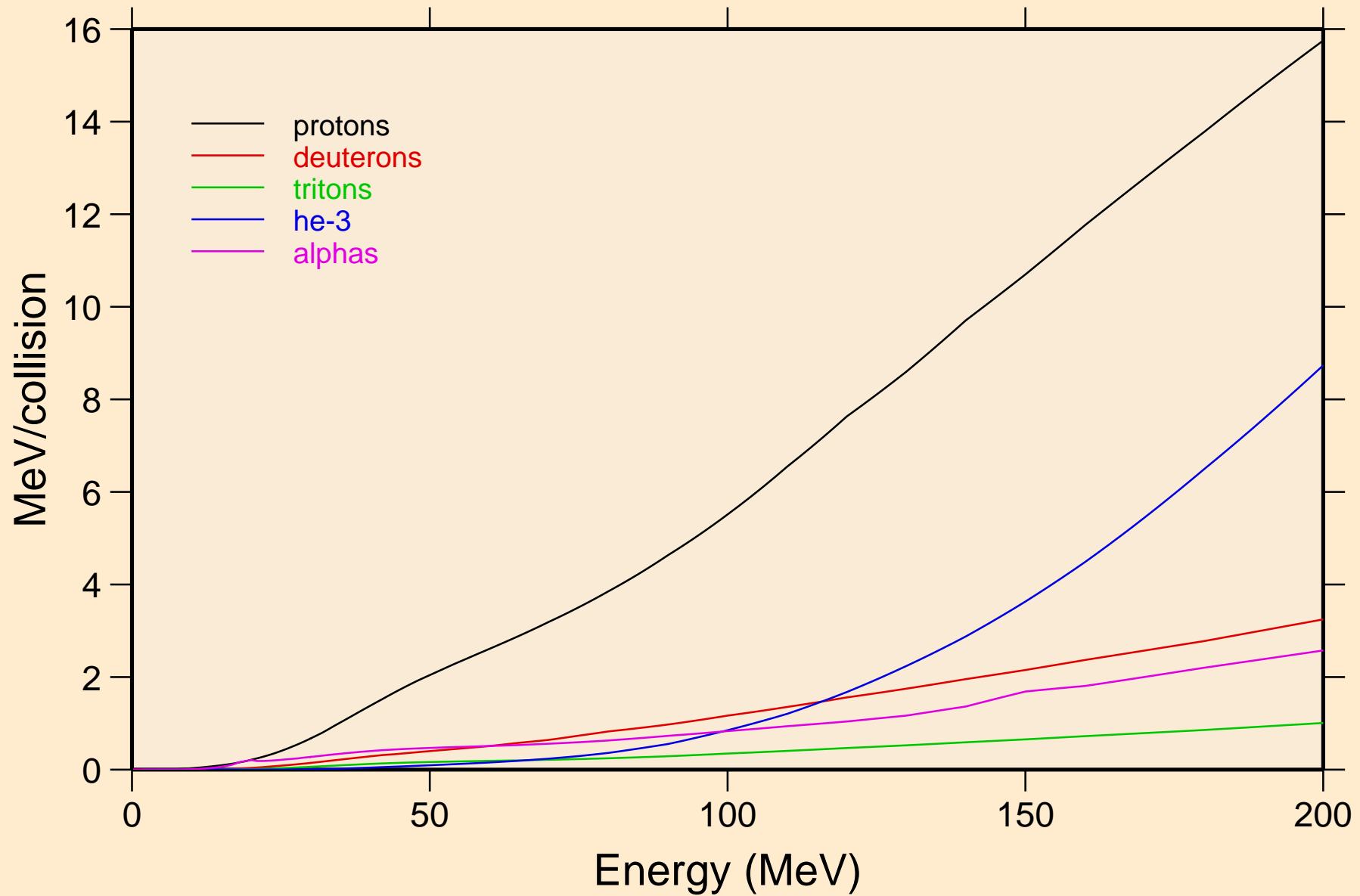
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thermal capture photon spectrum



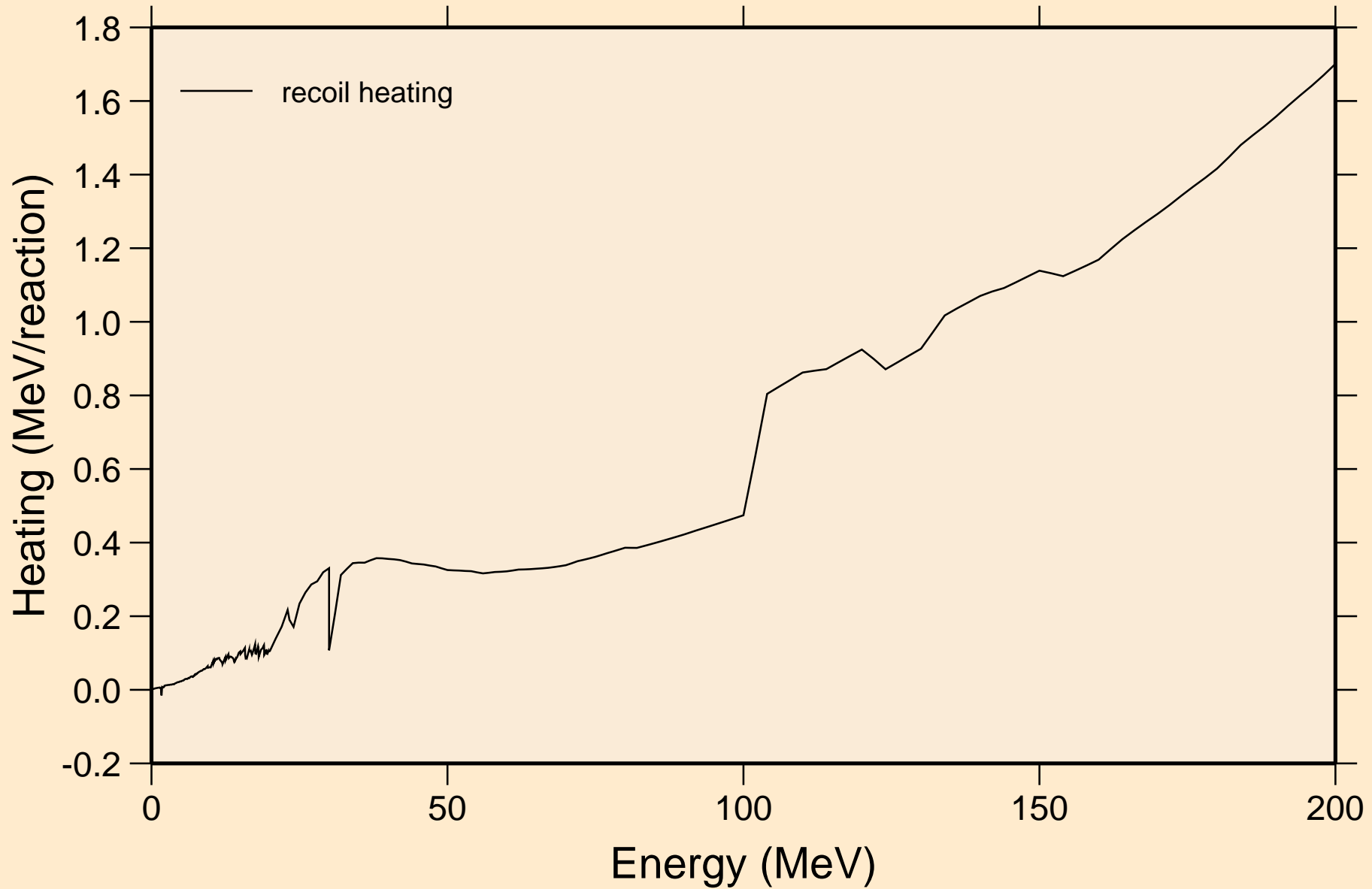
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14 MeV photon spectrum



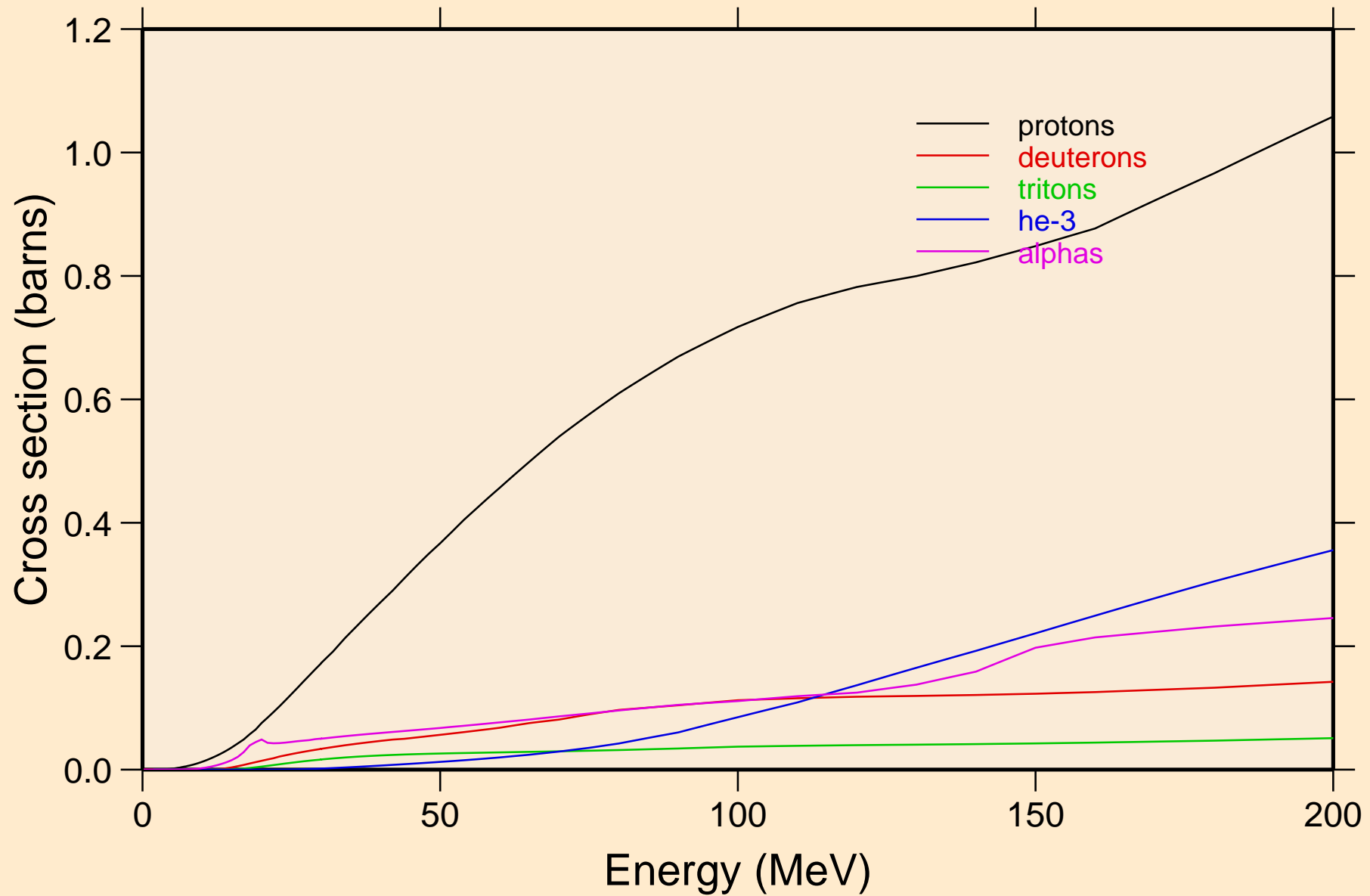
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Particle heating contributions



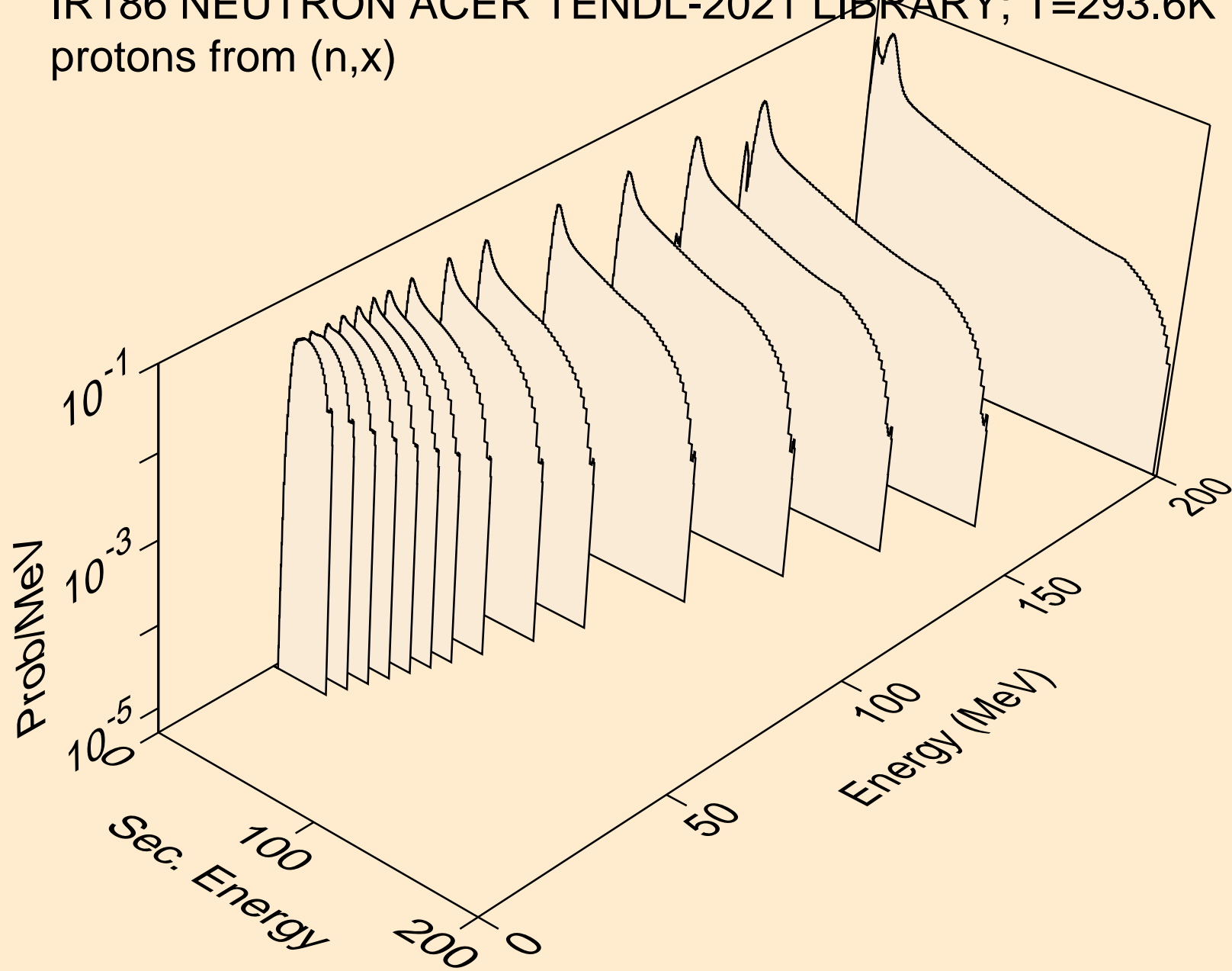
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Recoil Heating



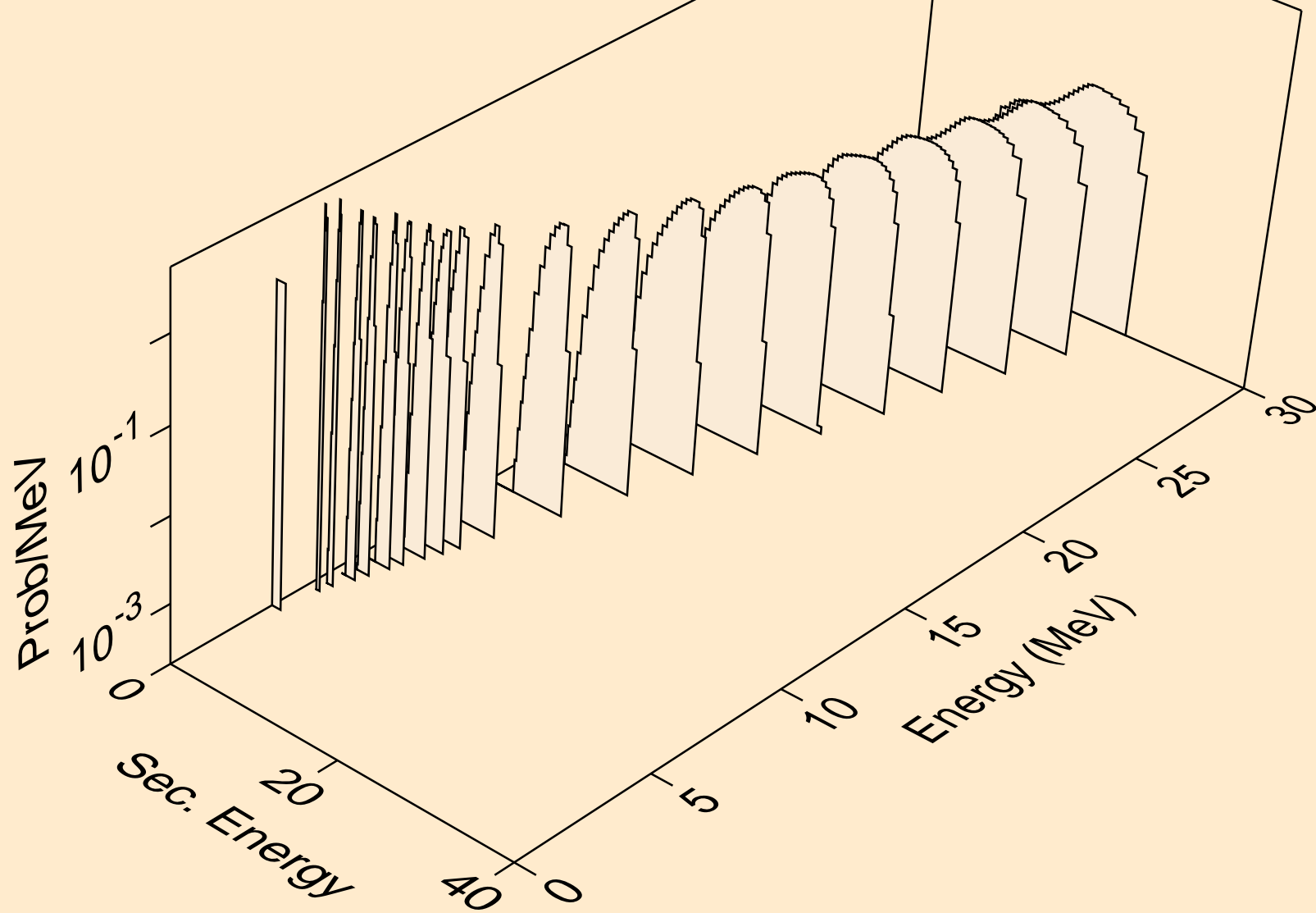
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

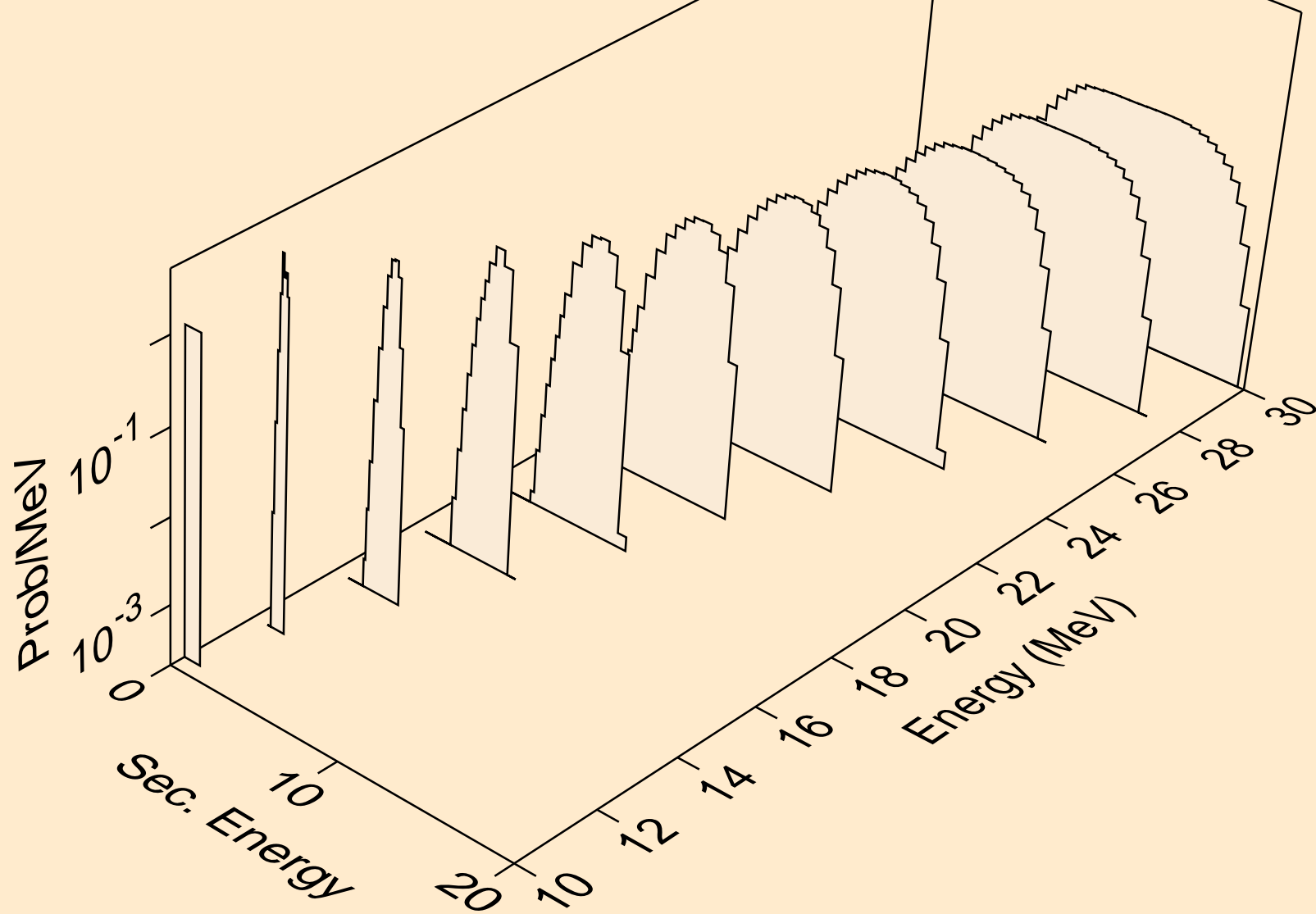


IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

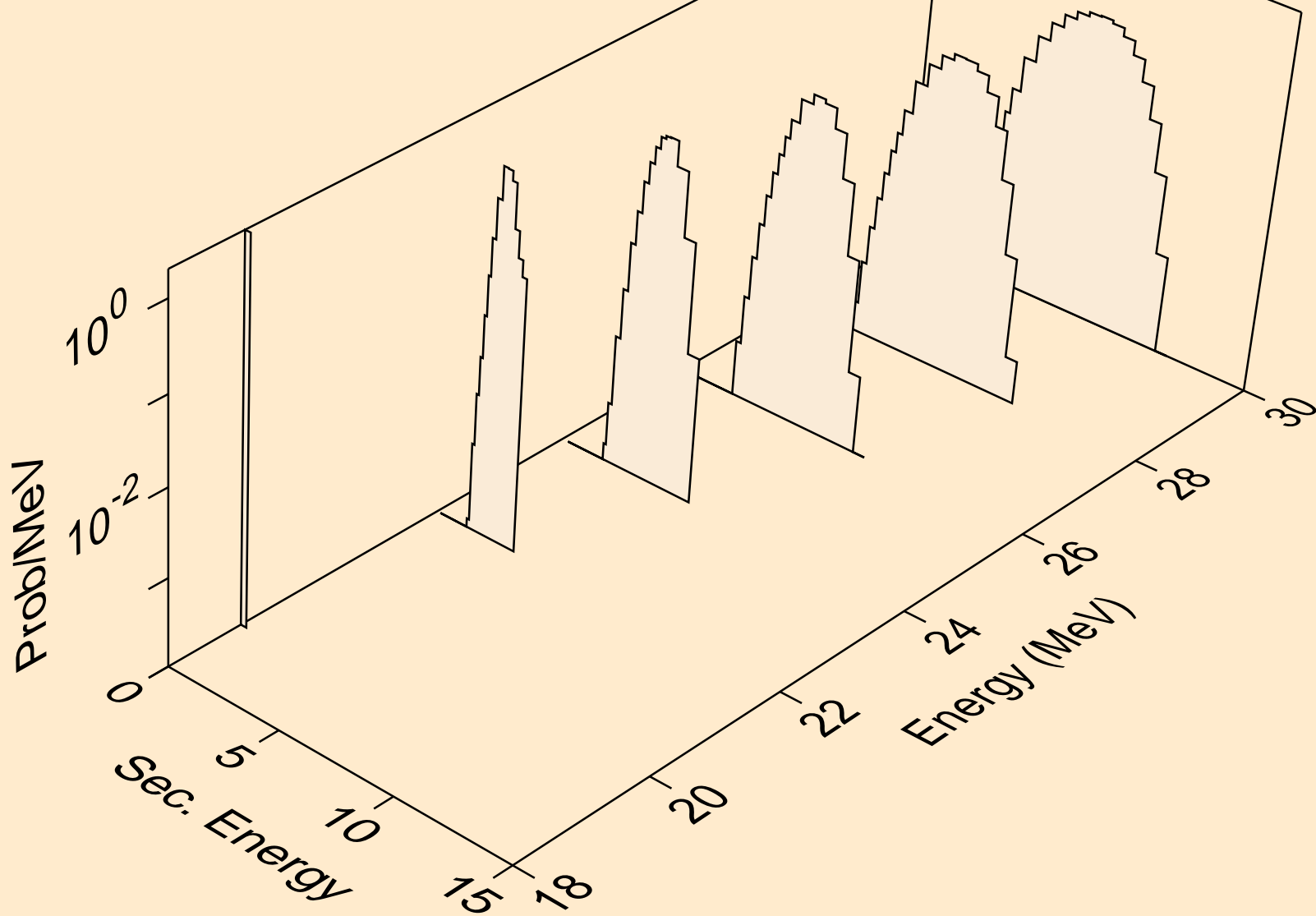




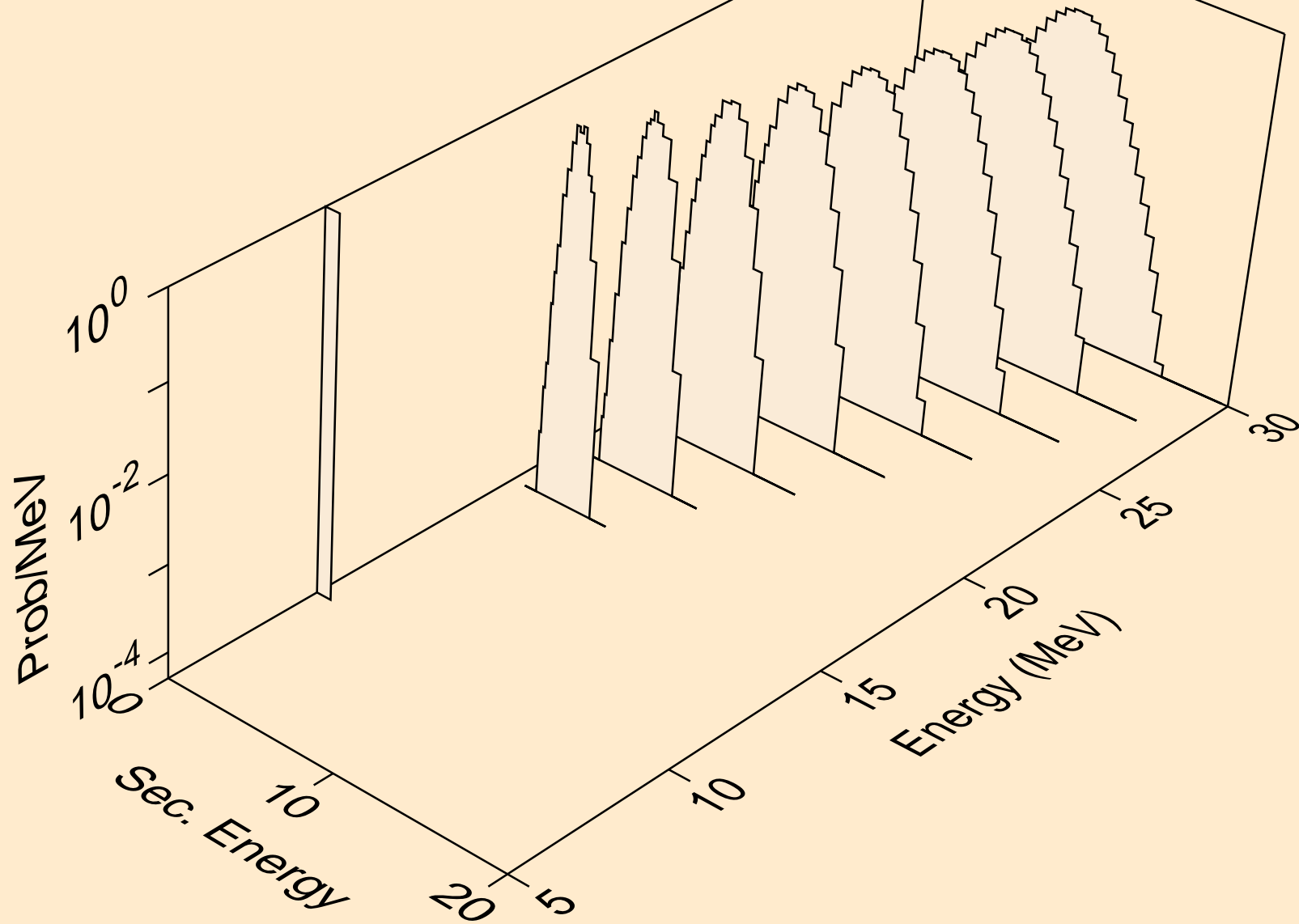
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protons from (n,2np)



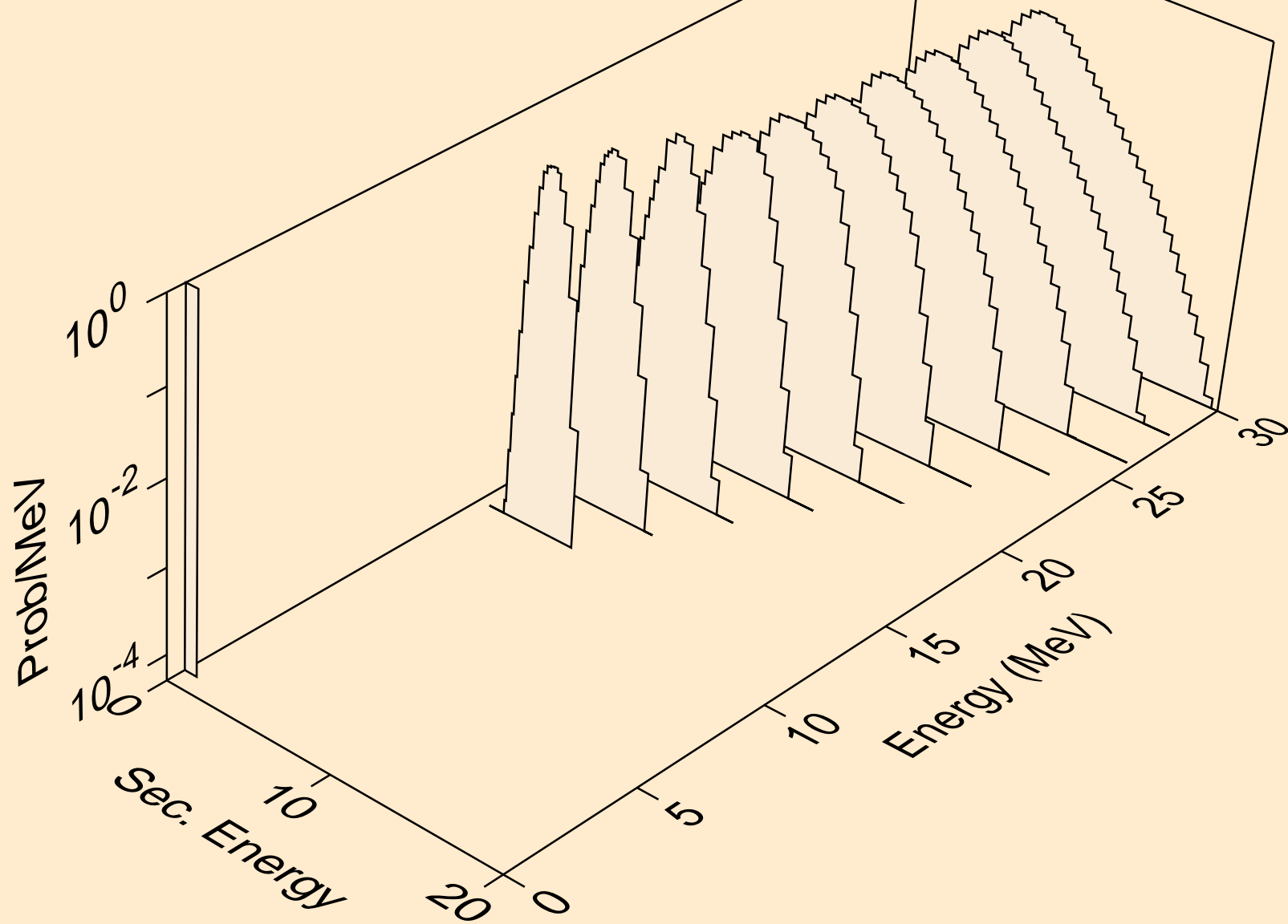
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protons from (n,3np)



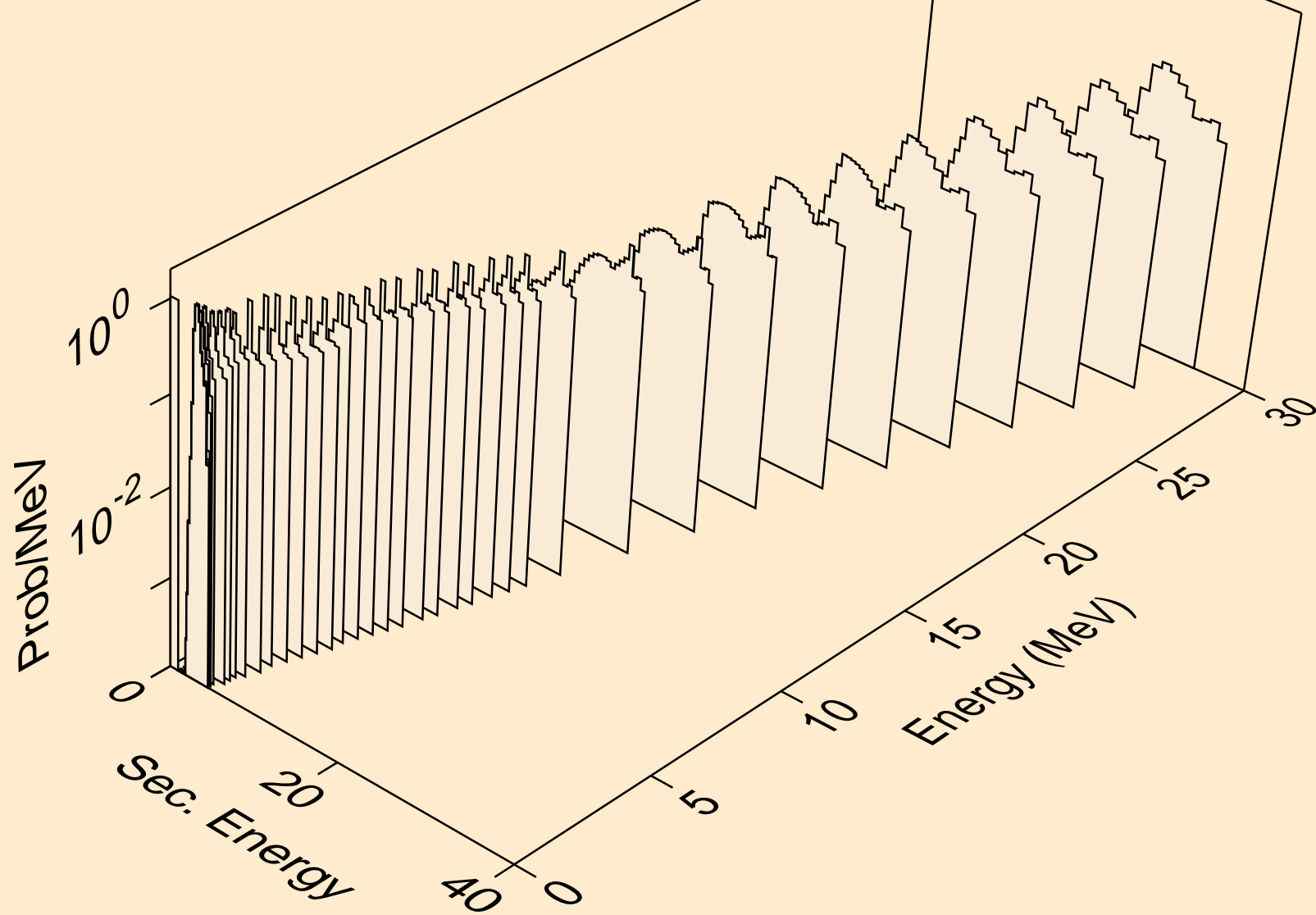
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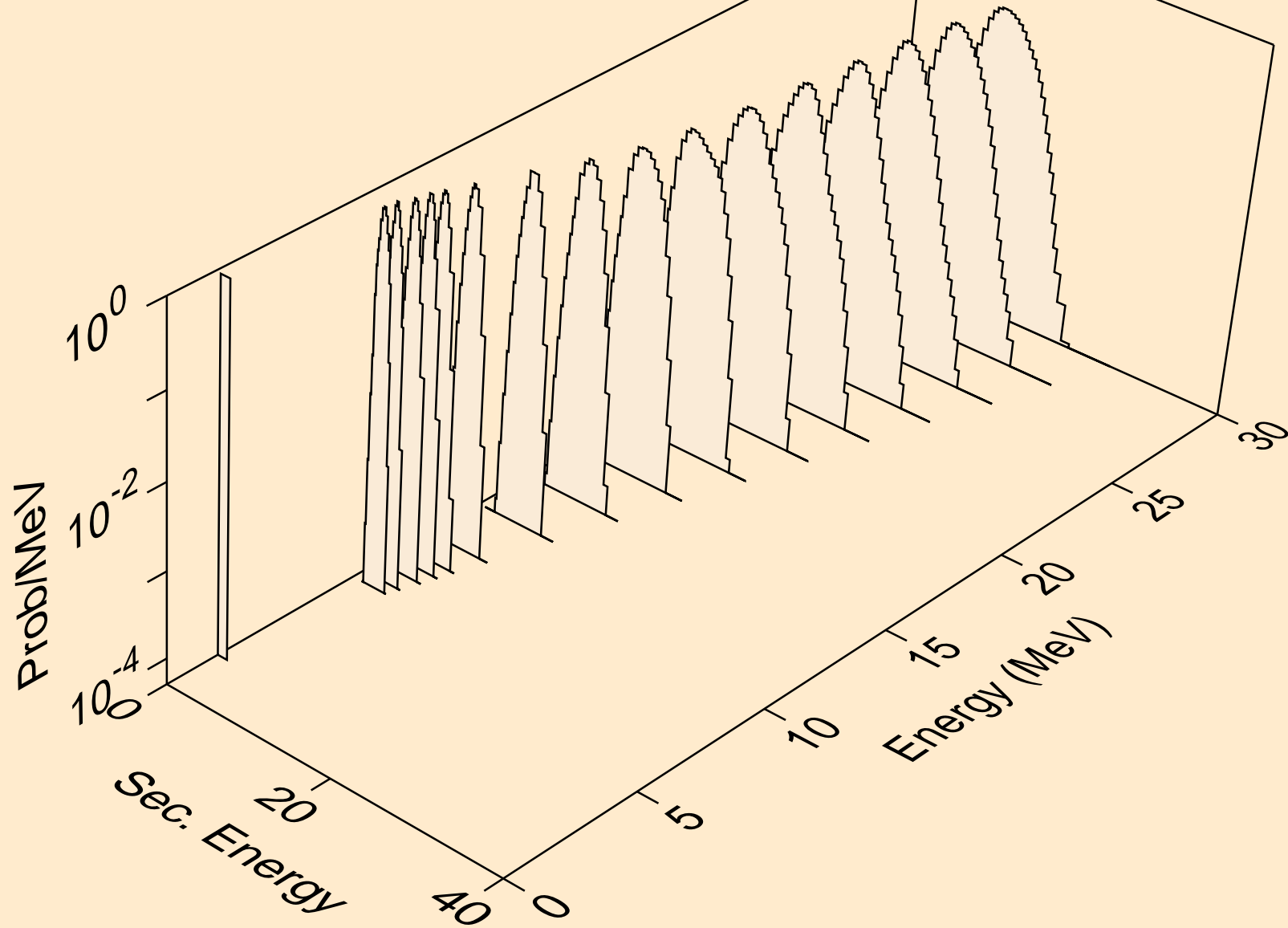
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protons from (n,npa)



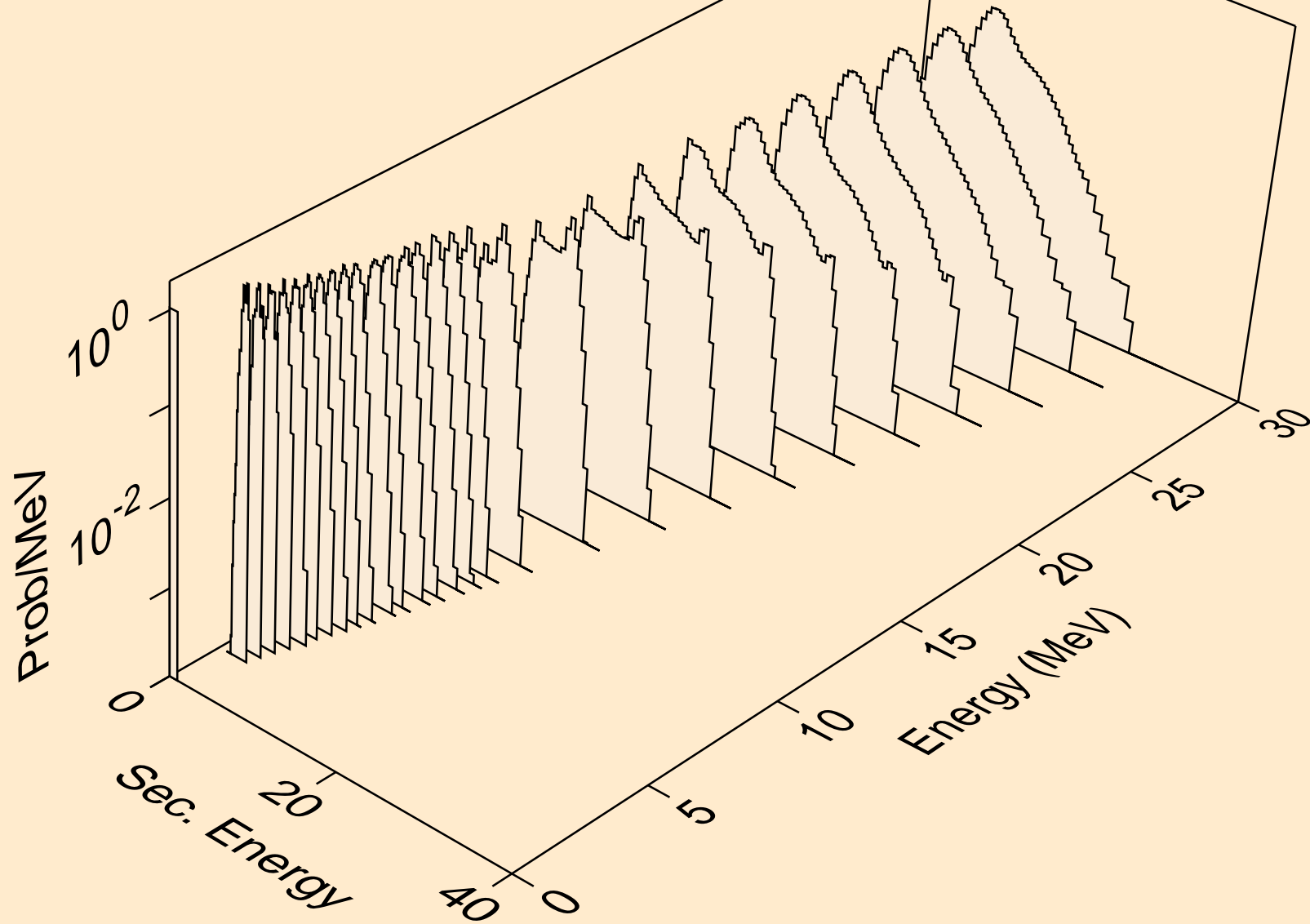
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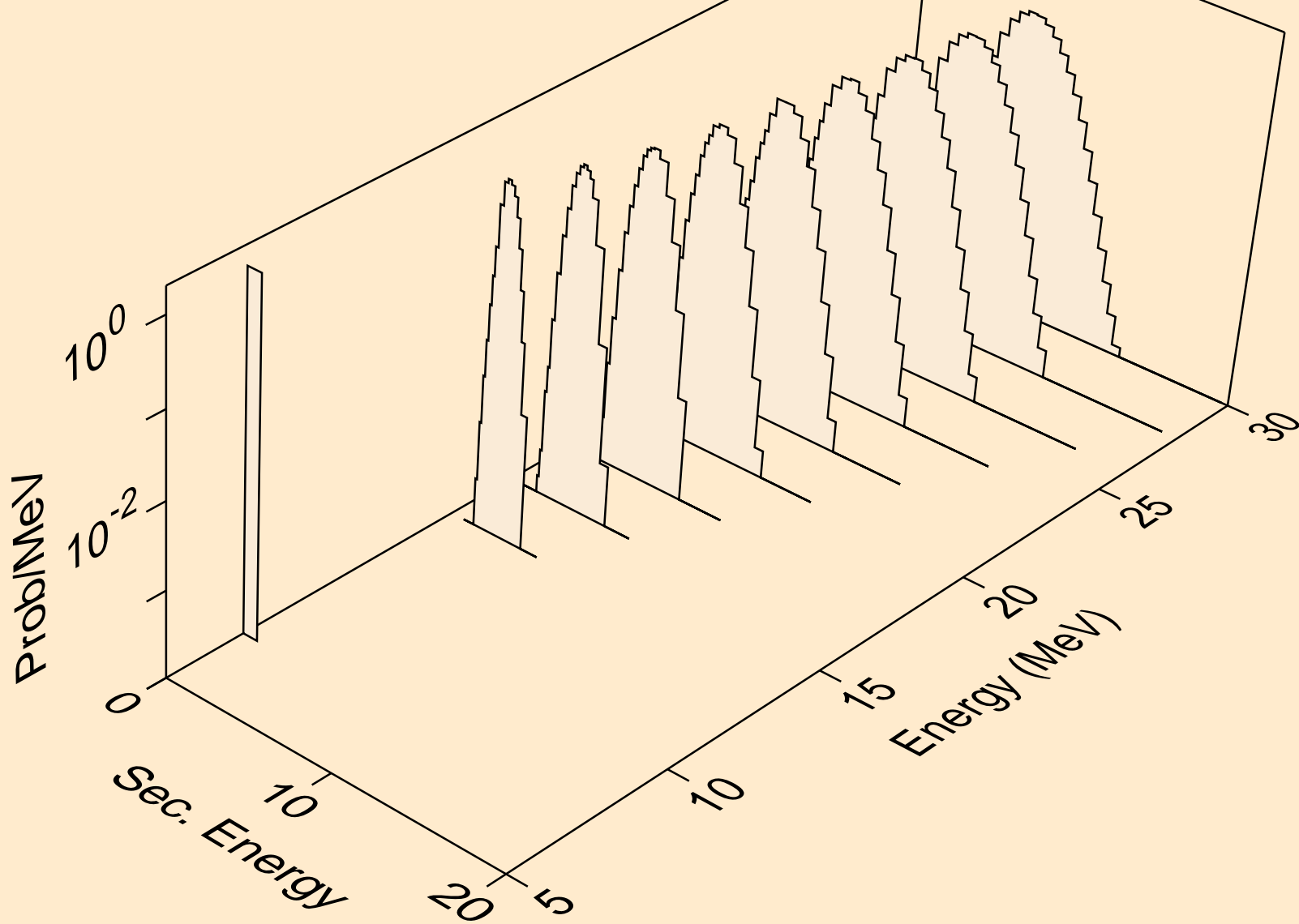
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protons from (n,2p)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

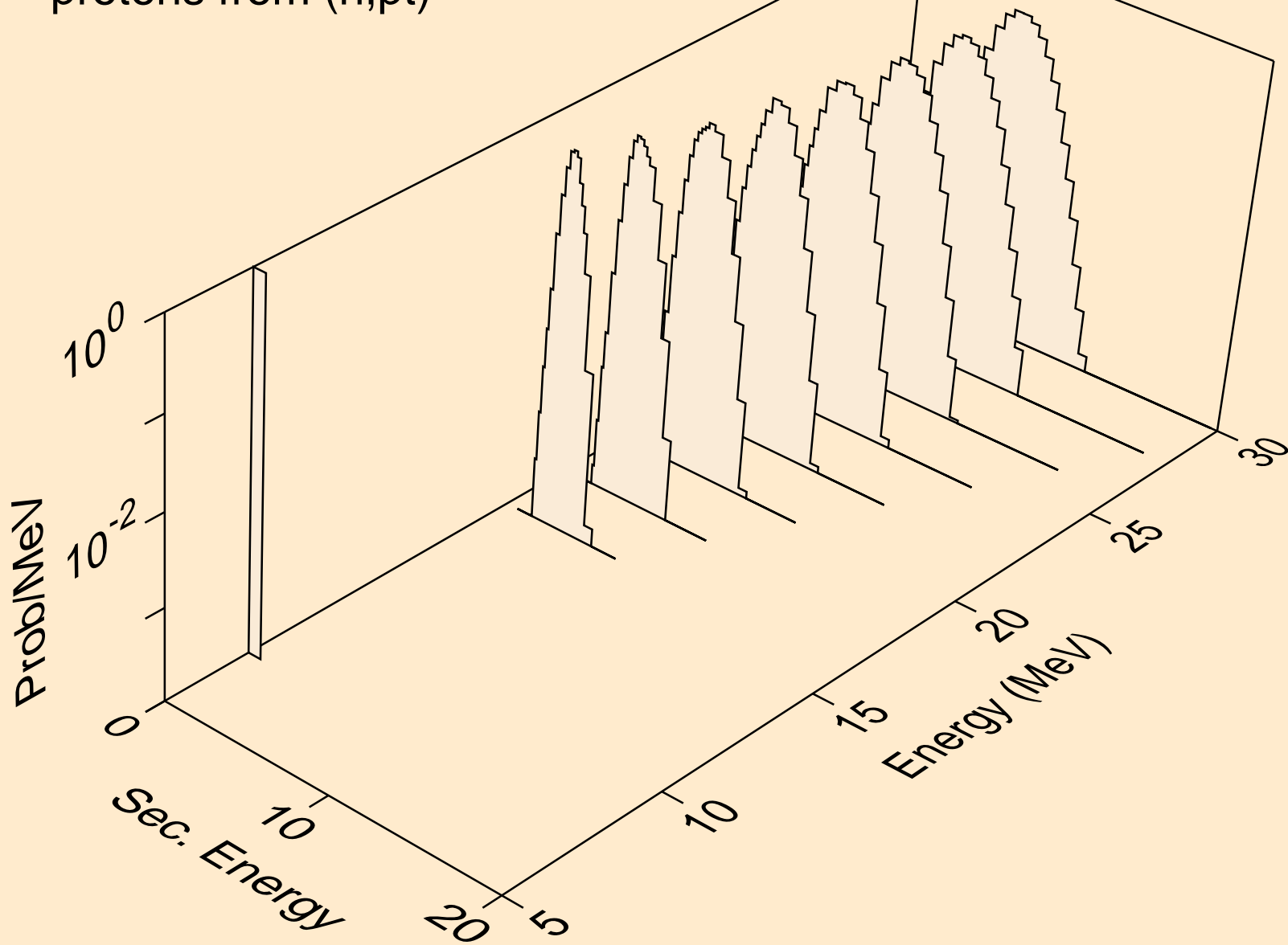


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protons from (n,pd)

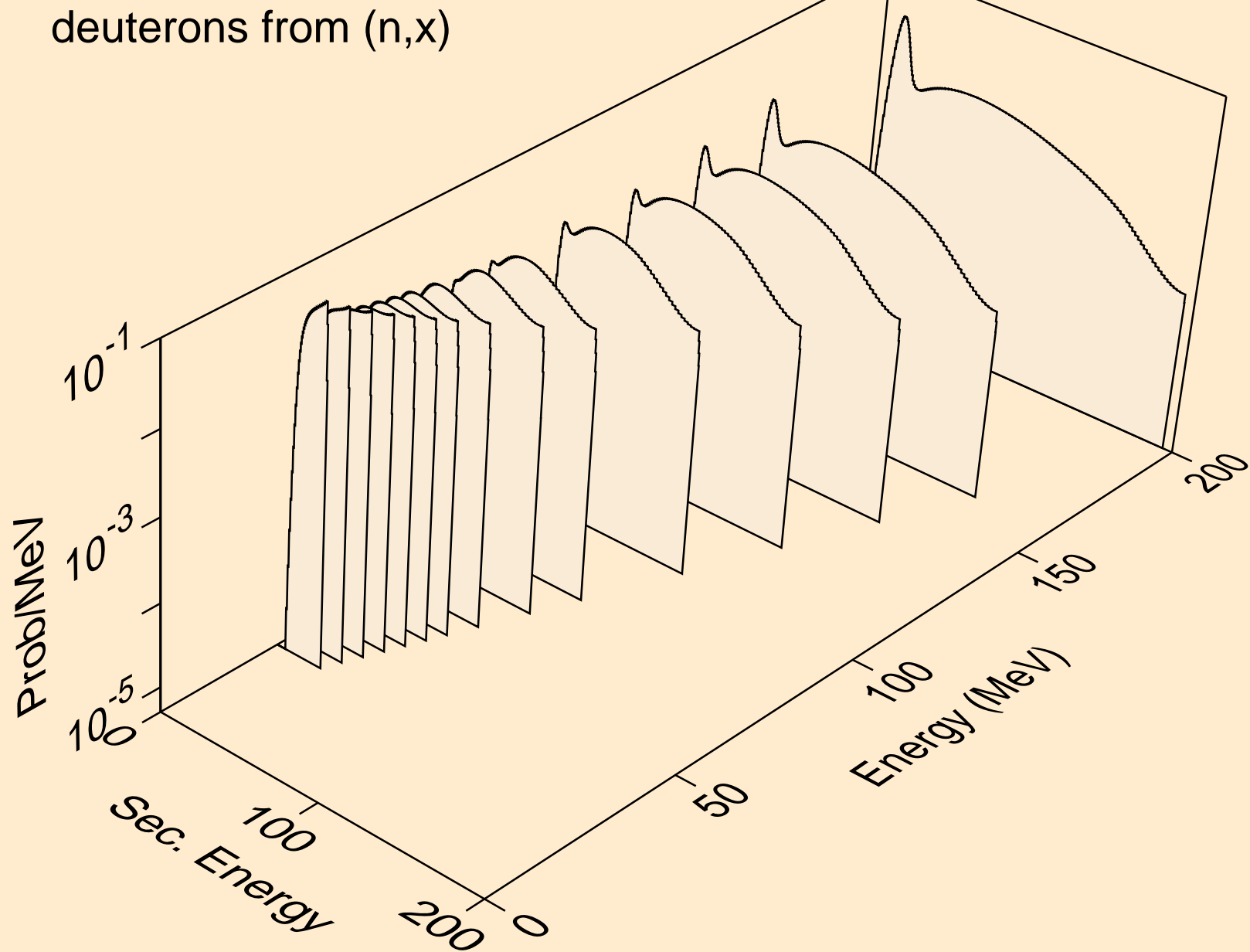




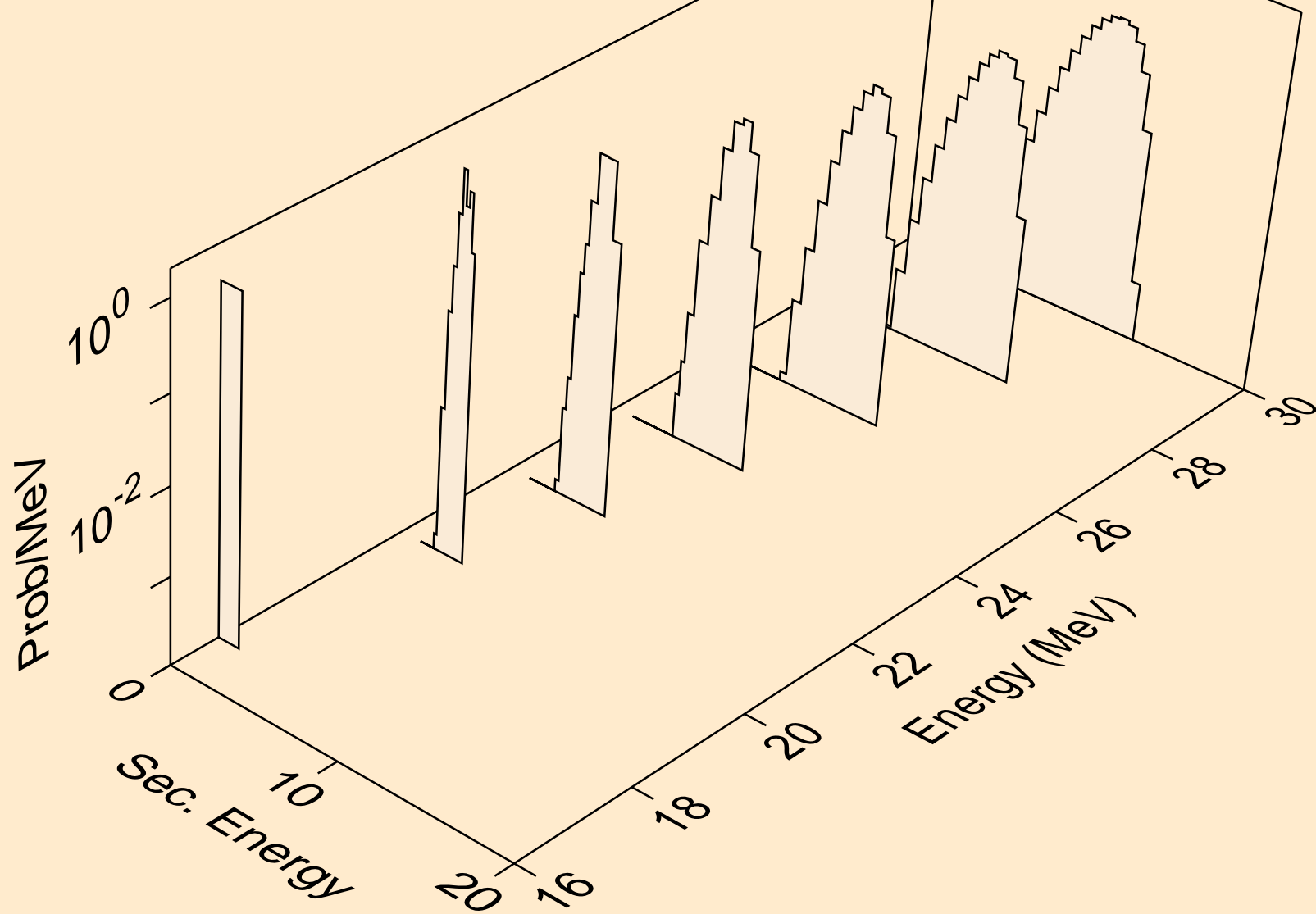
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protons from (n,pt)



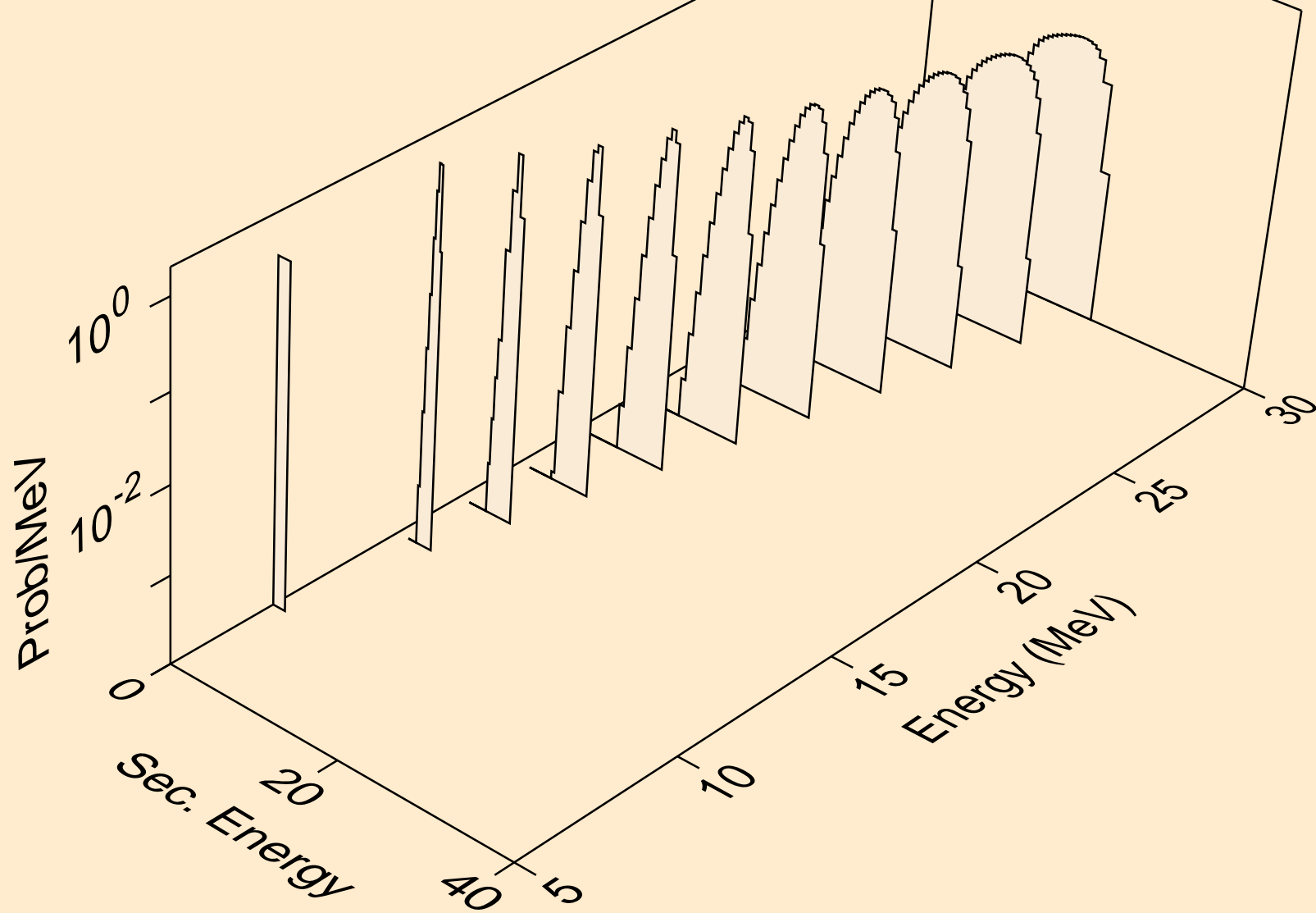
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deuterons from (n,x)



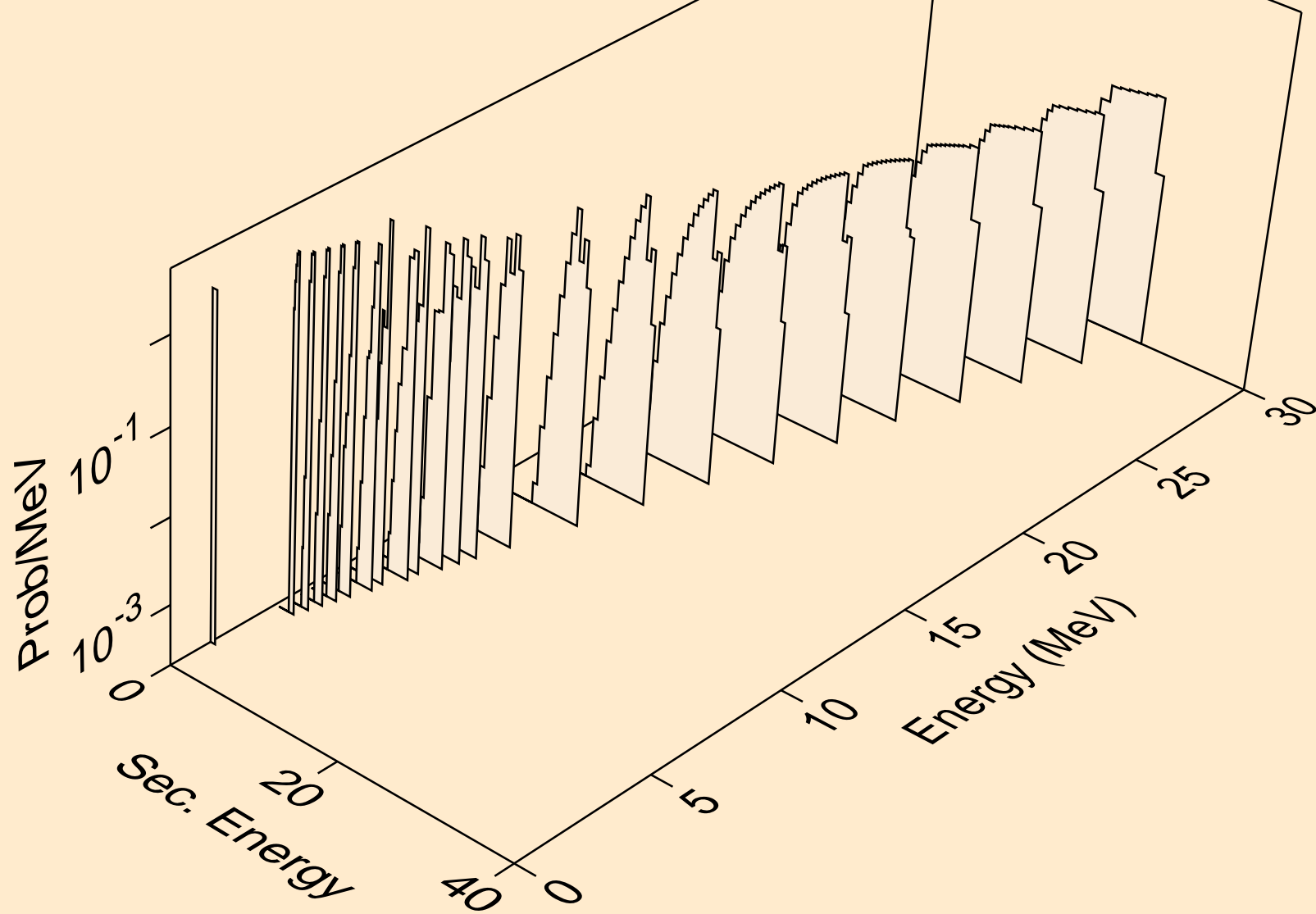
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deuterons from (n,2nd)



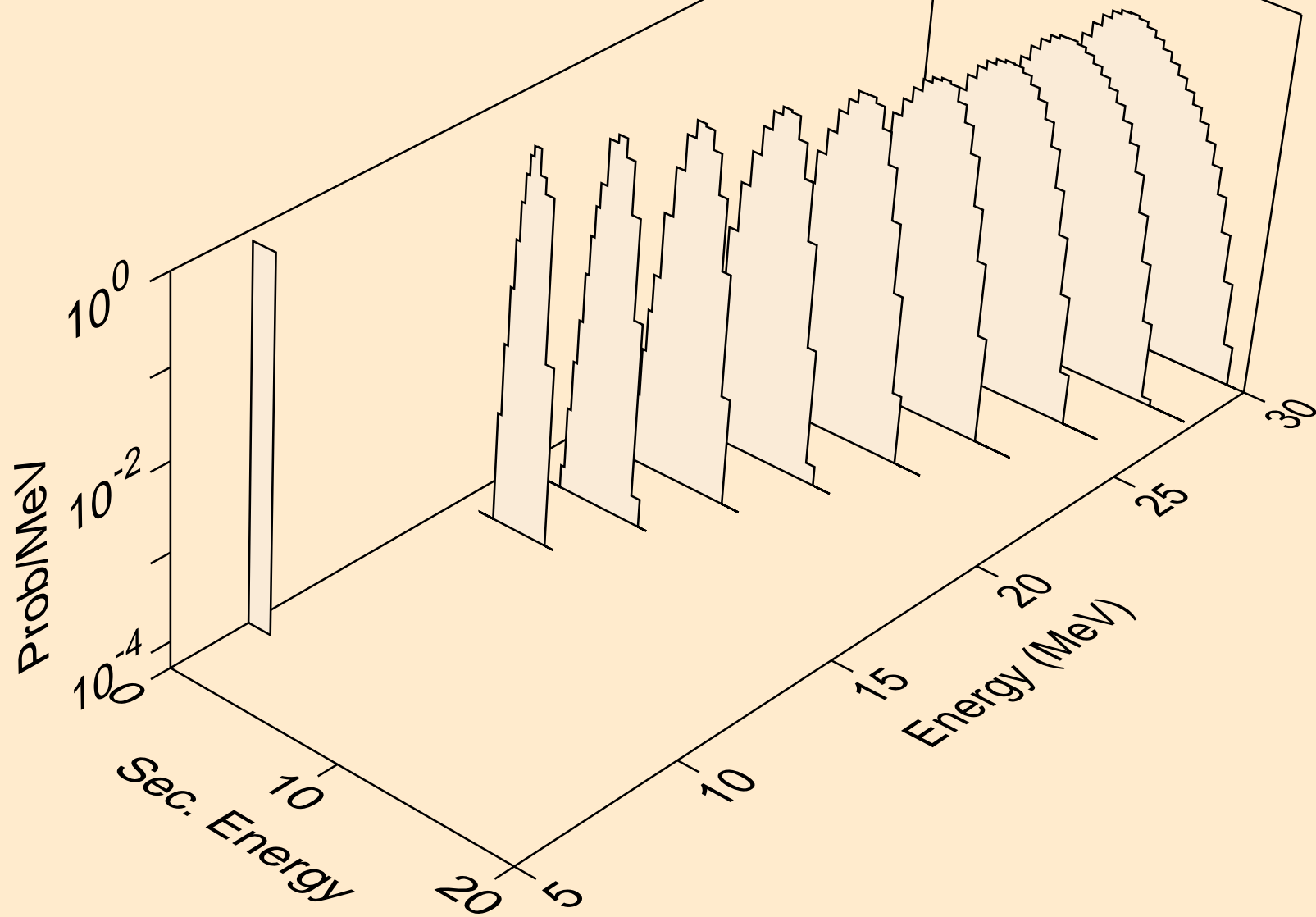
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deuterons from (n,n\*)d



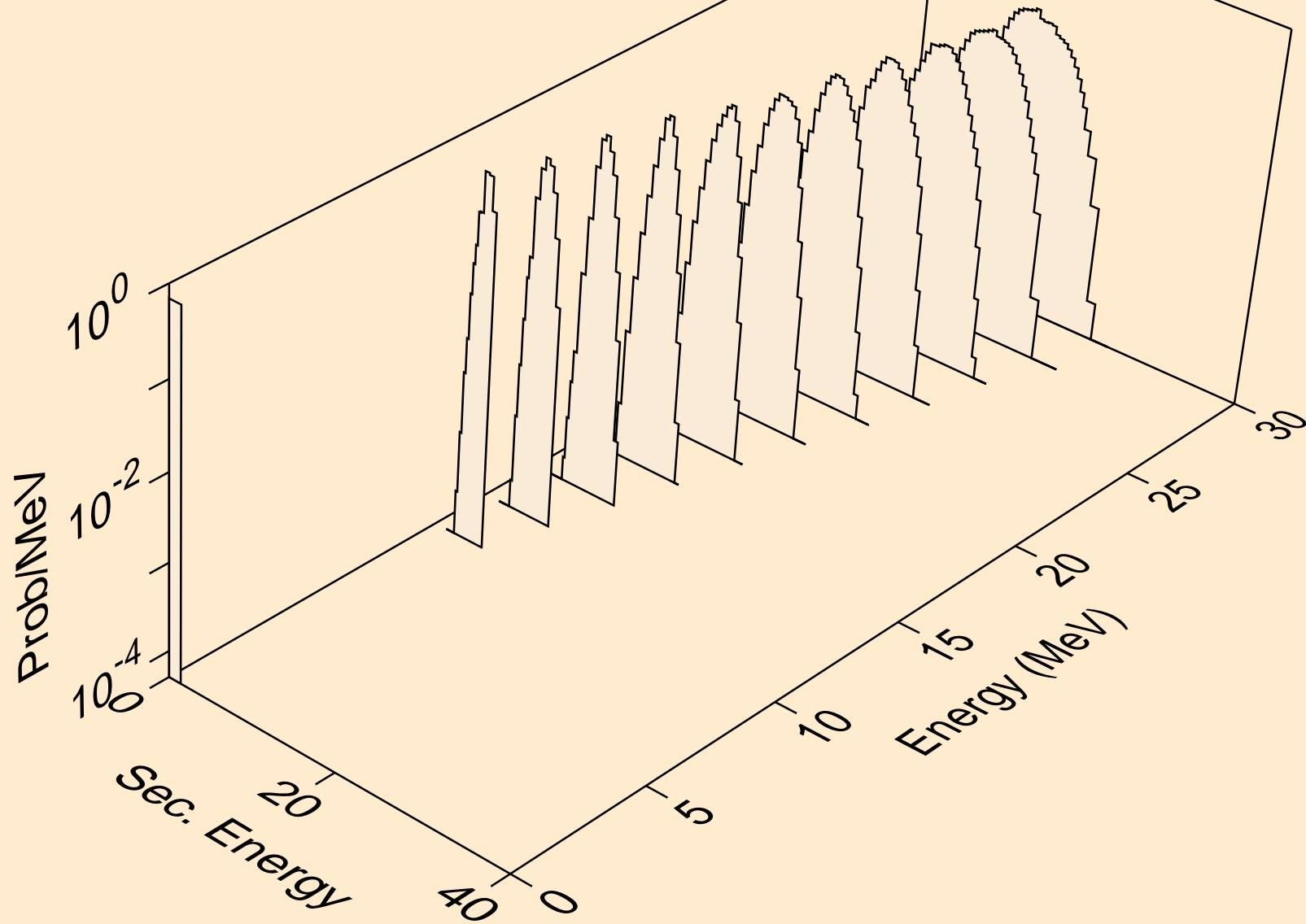
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deuterons from (n,d)



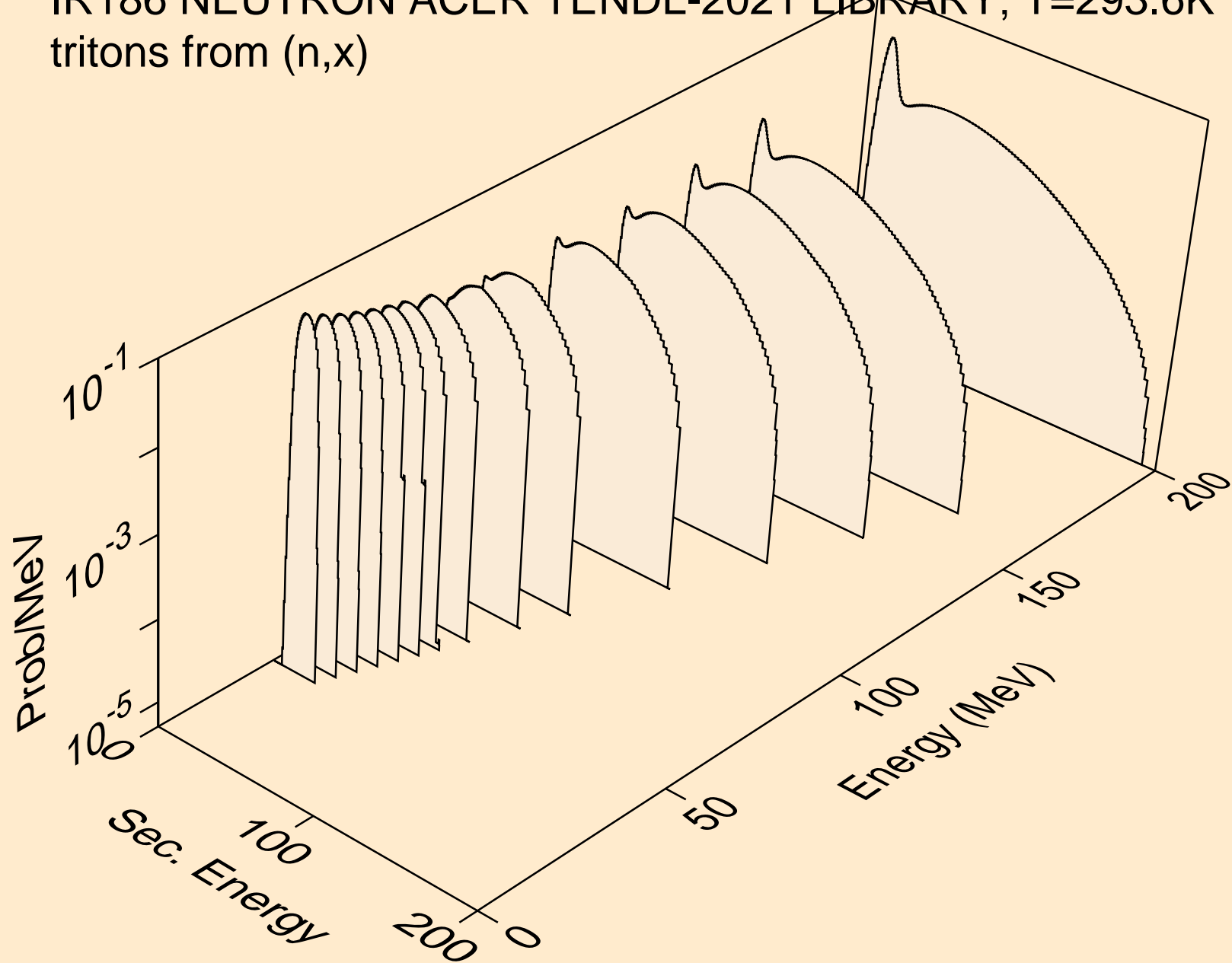
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deuterons from (n,pd)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

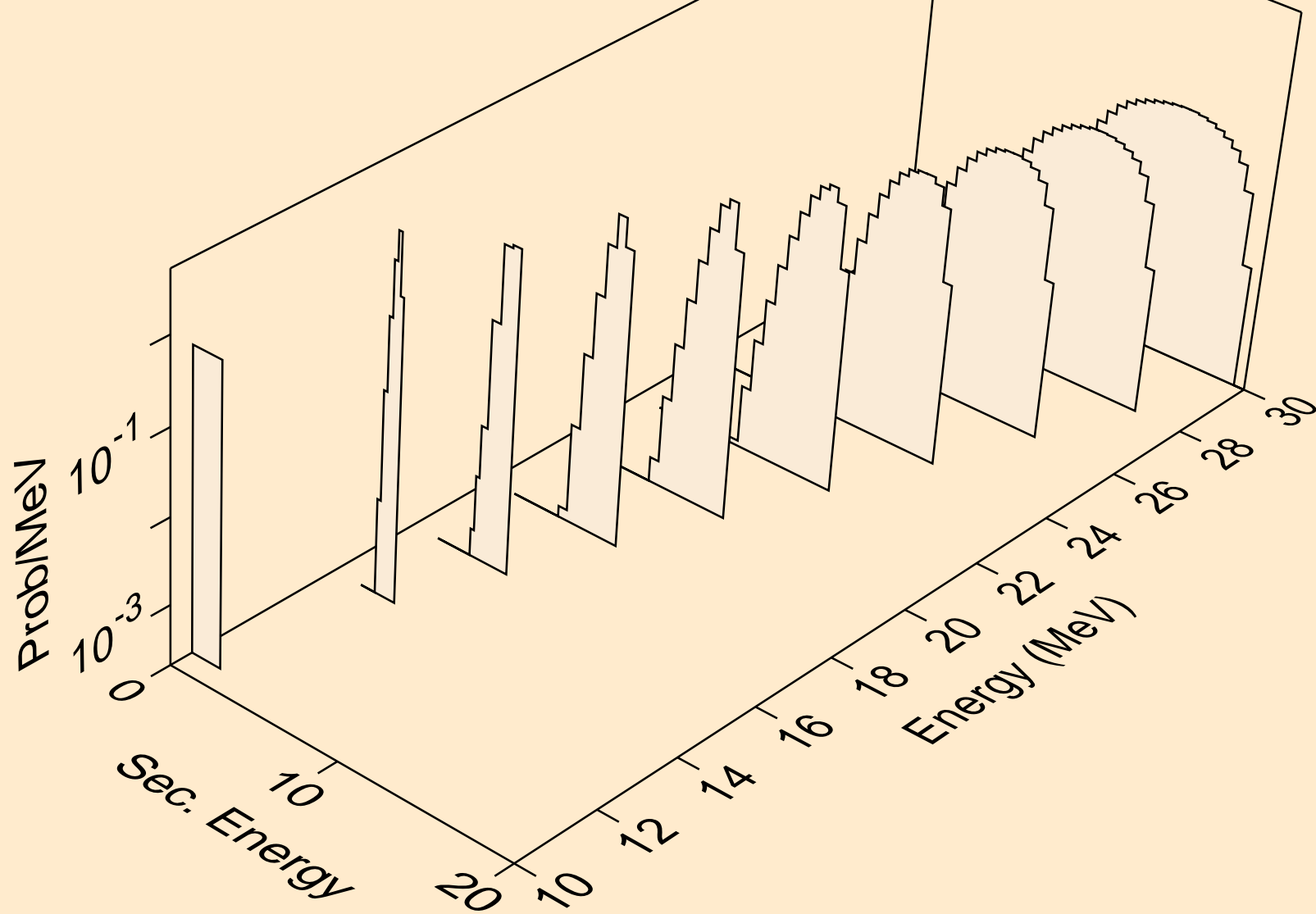


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tritons from (n,x)

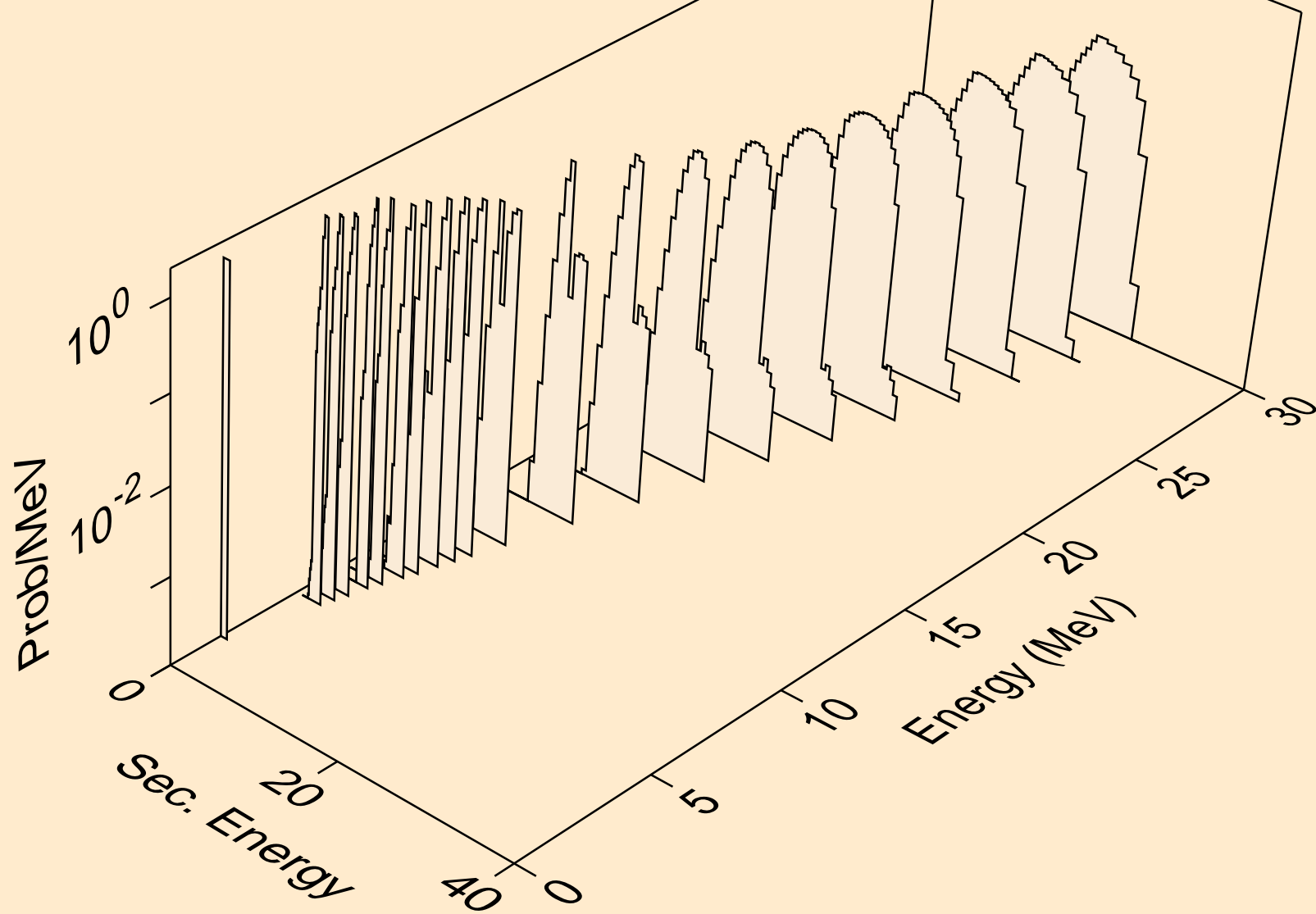




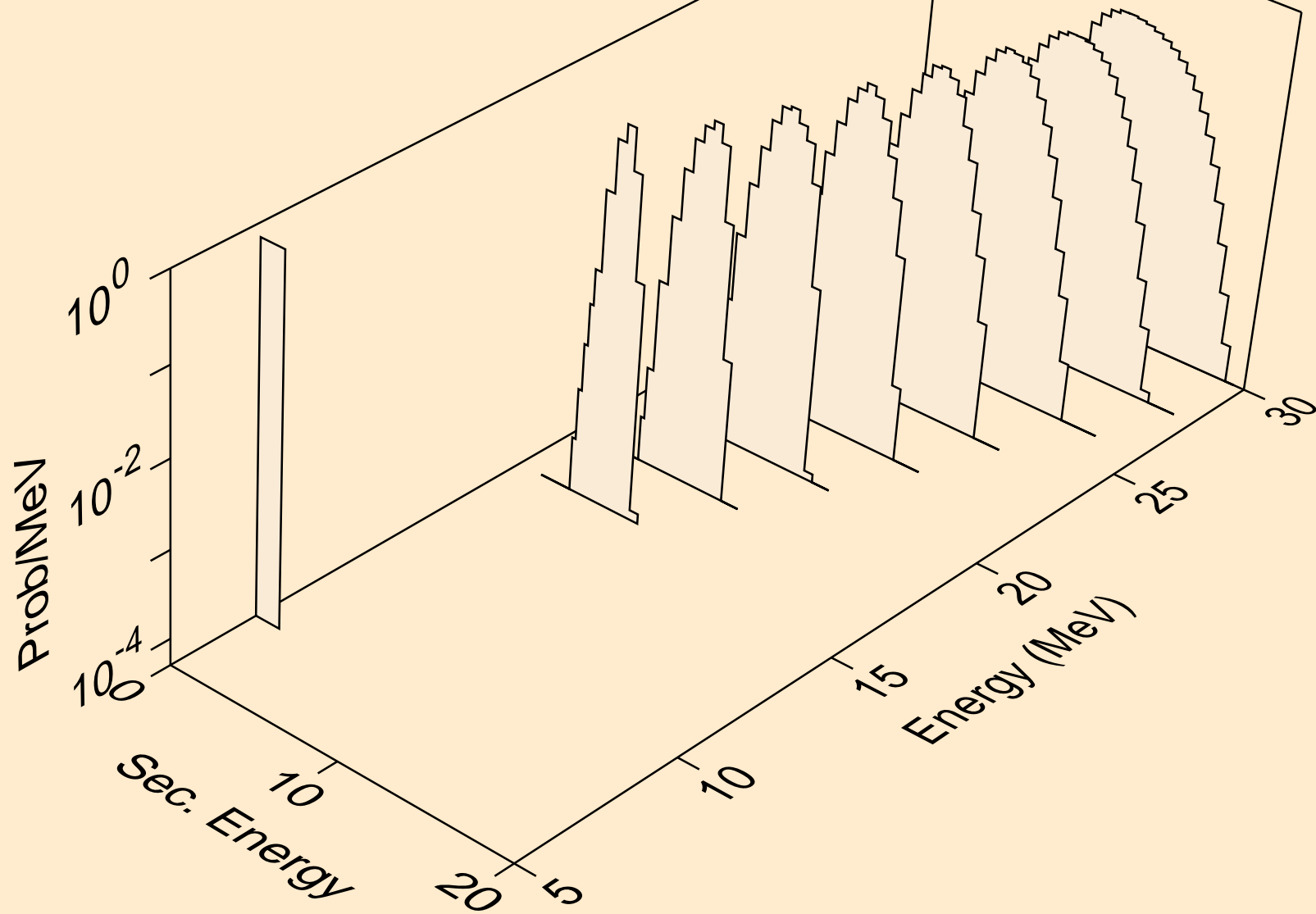
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tritons from (n,n\*)t



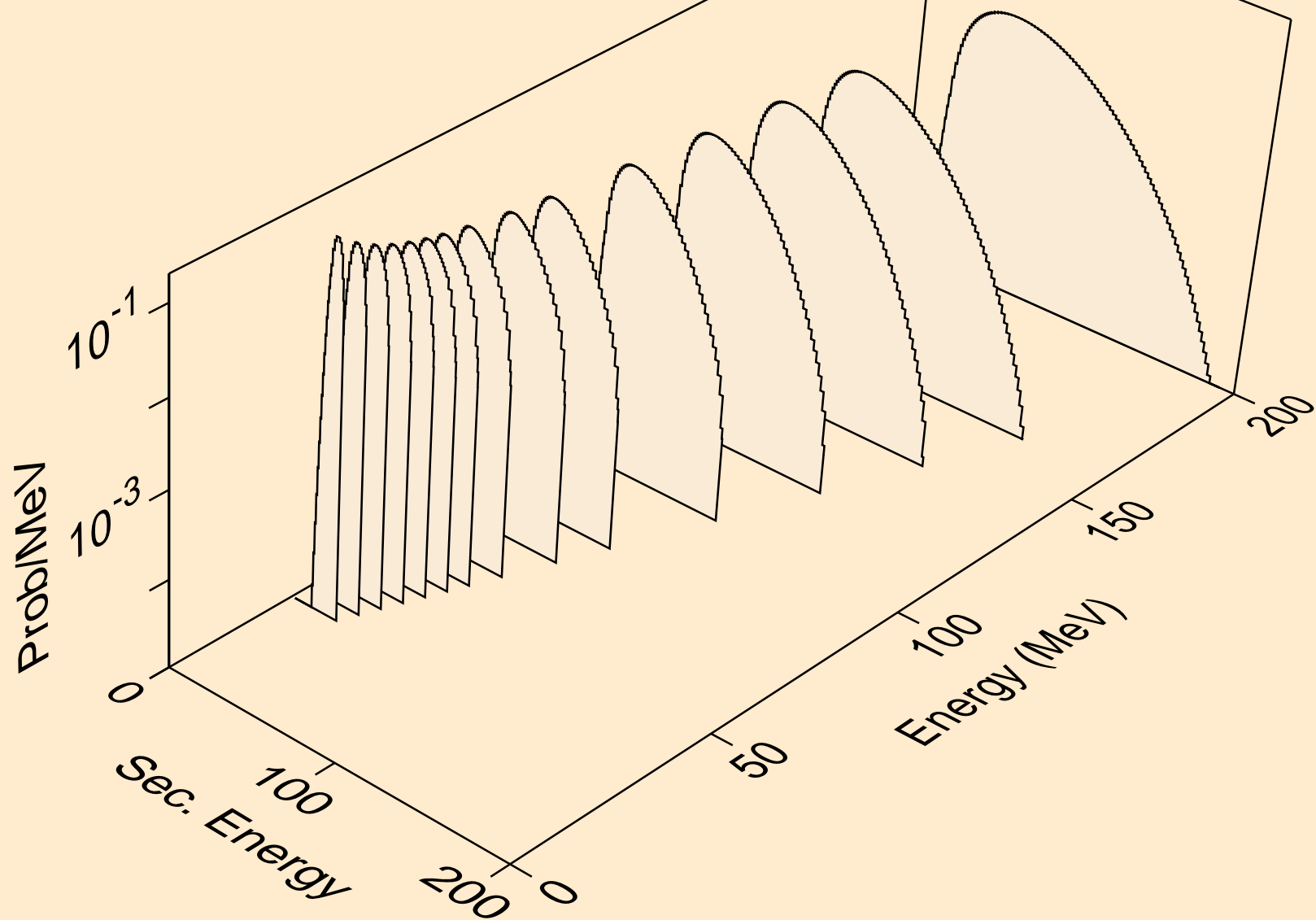
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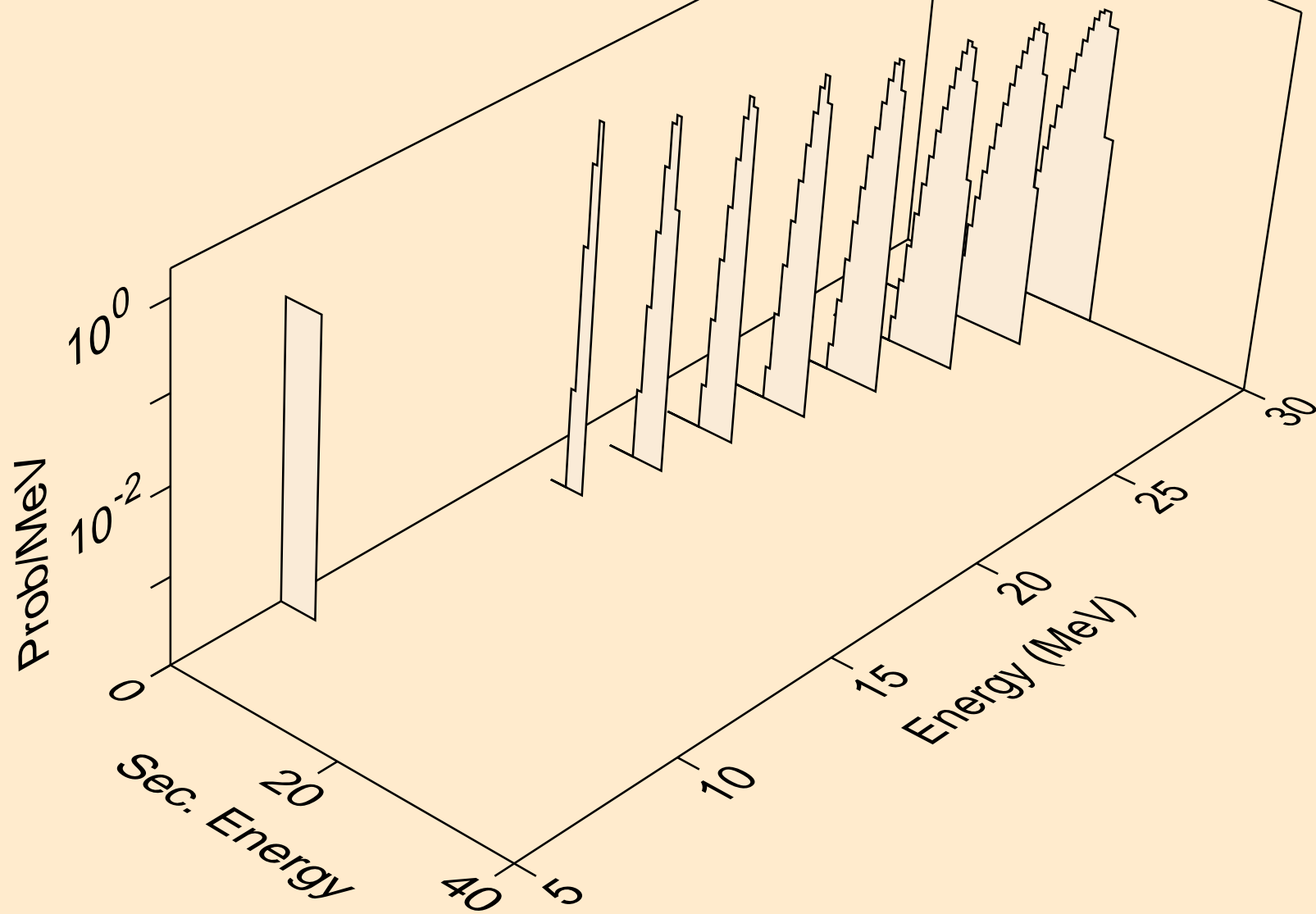
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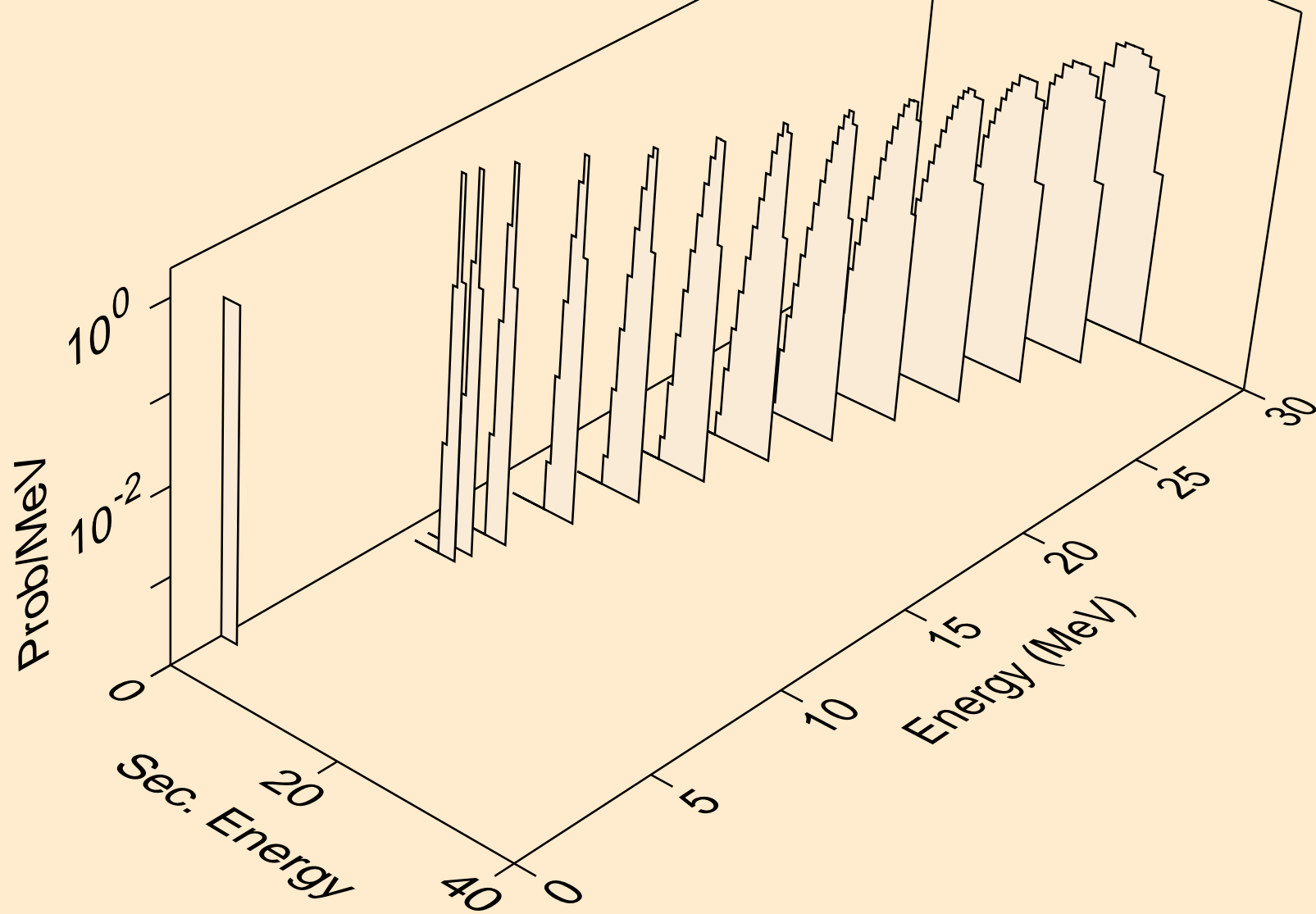
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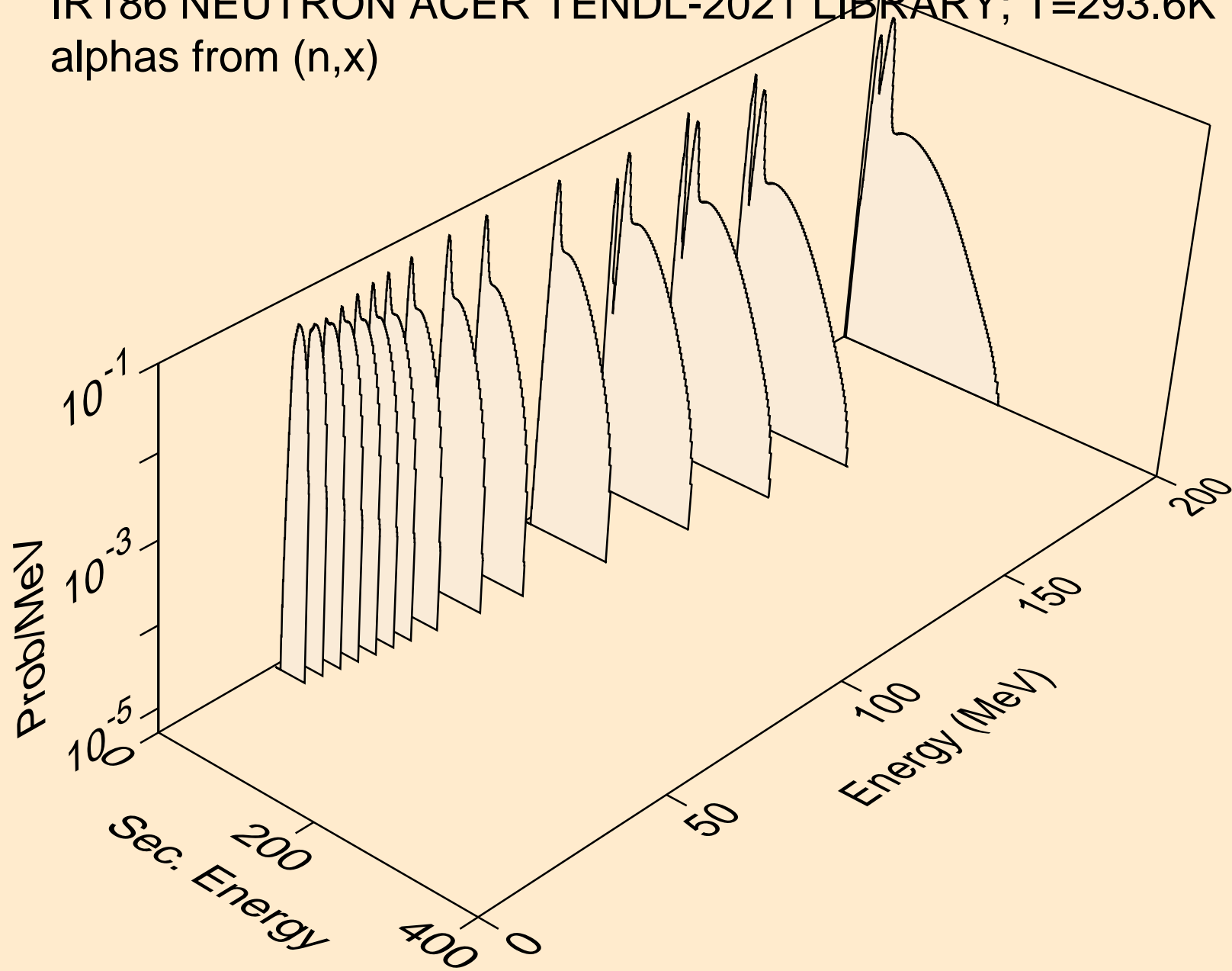
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he3s from (n,n\*)he3



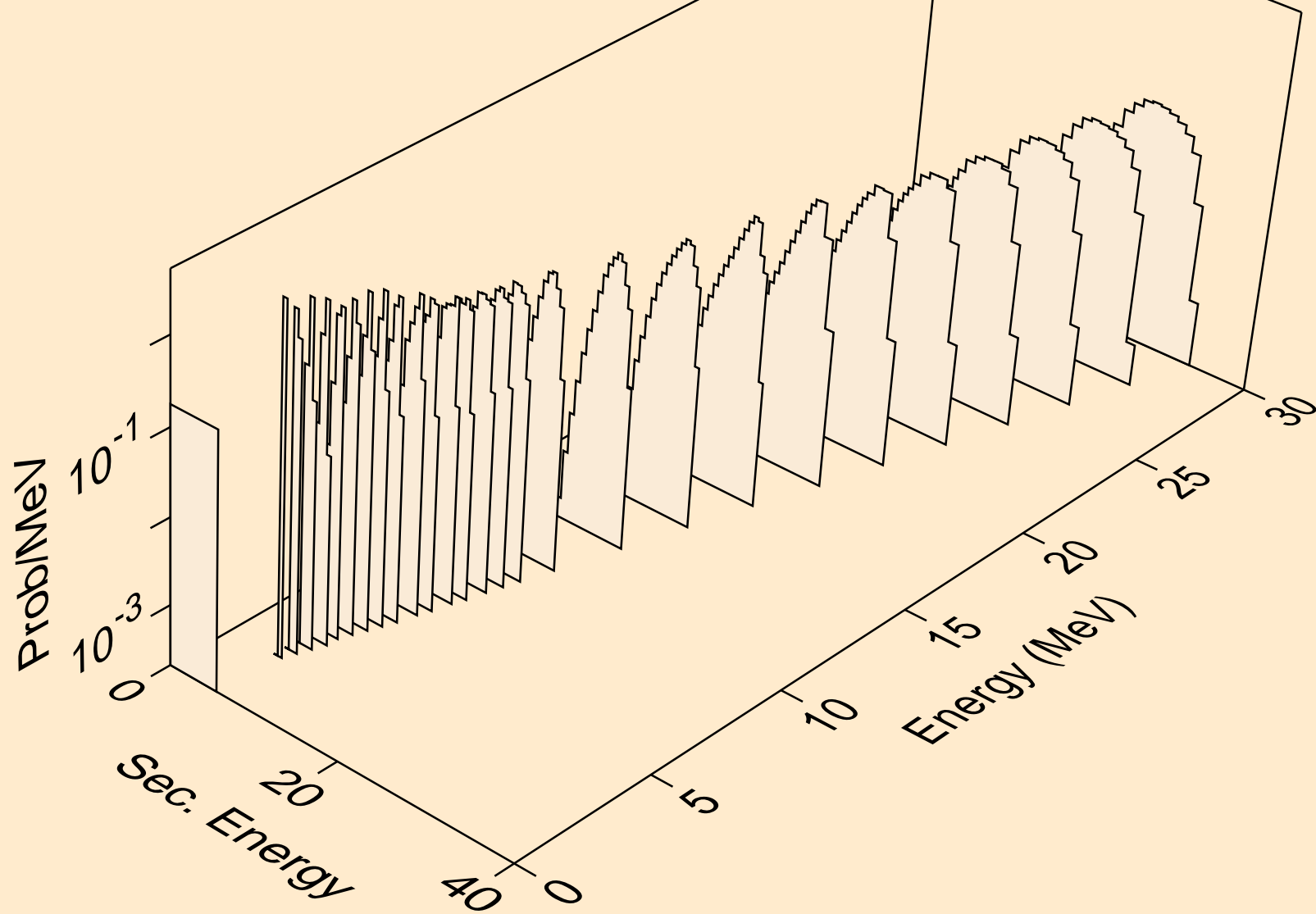
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he3s from (n,he3)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

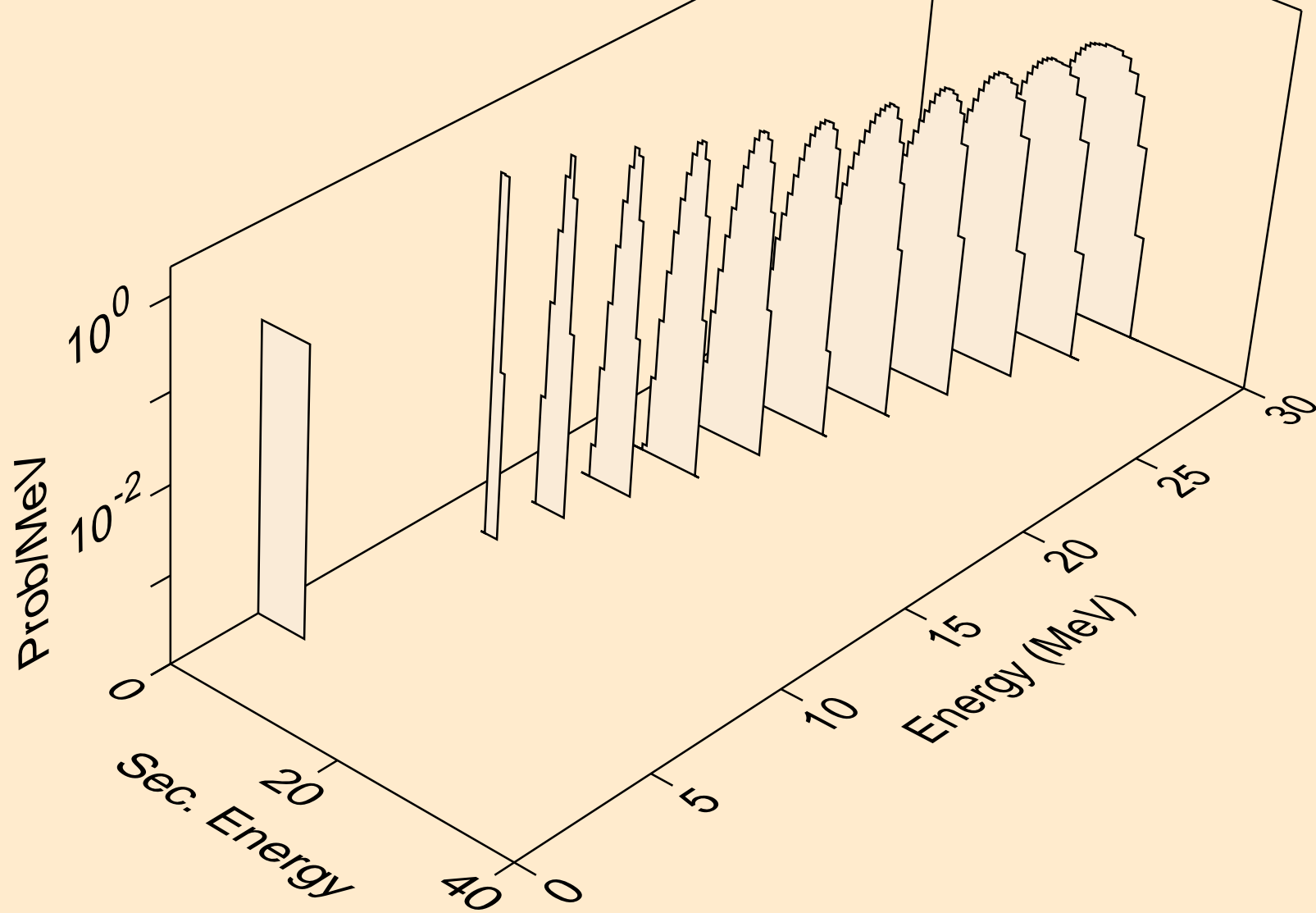


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alphas from (n,n\*)a

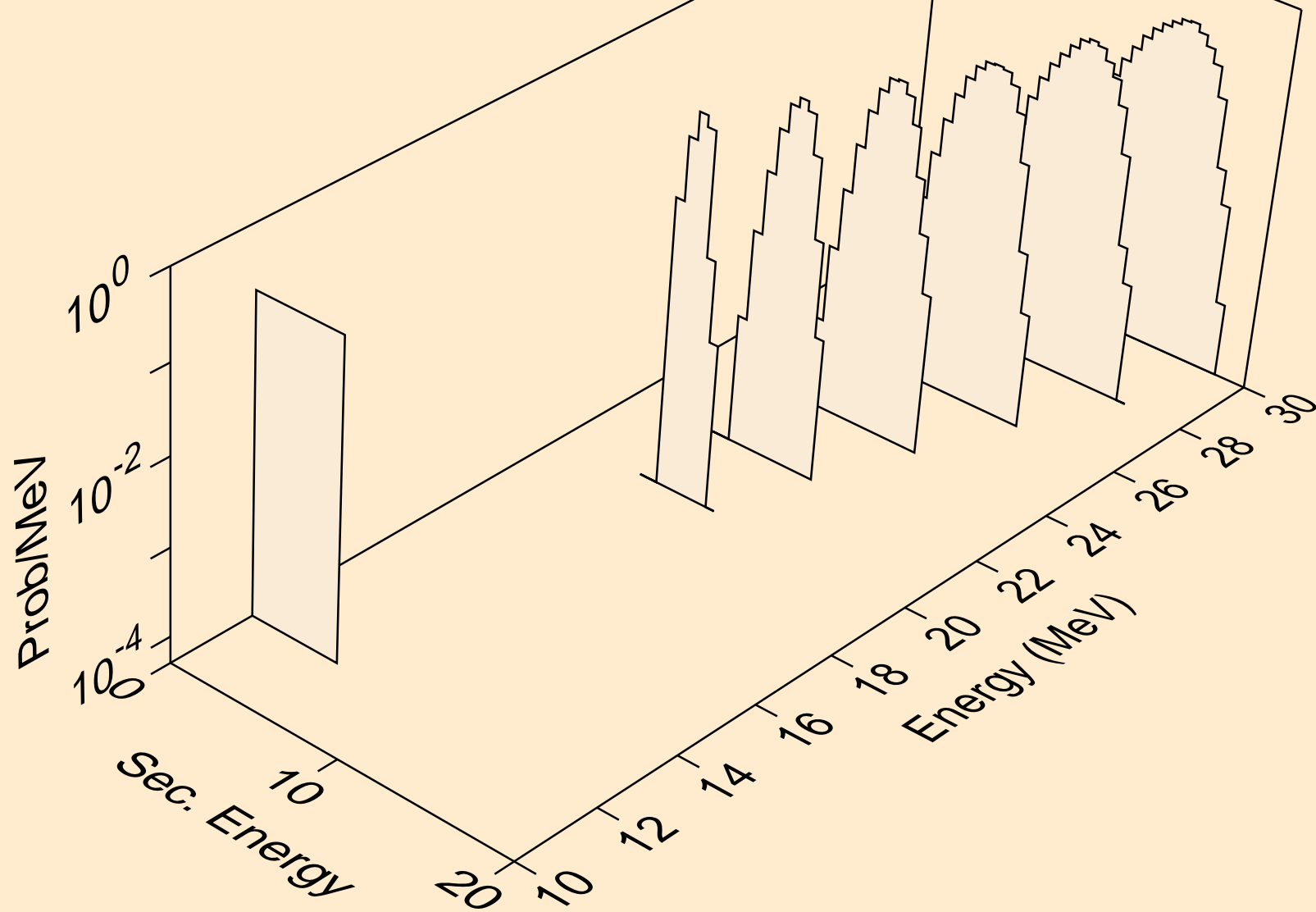




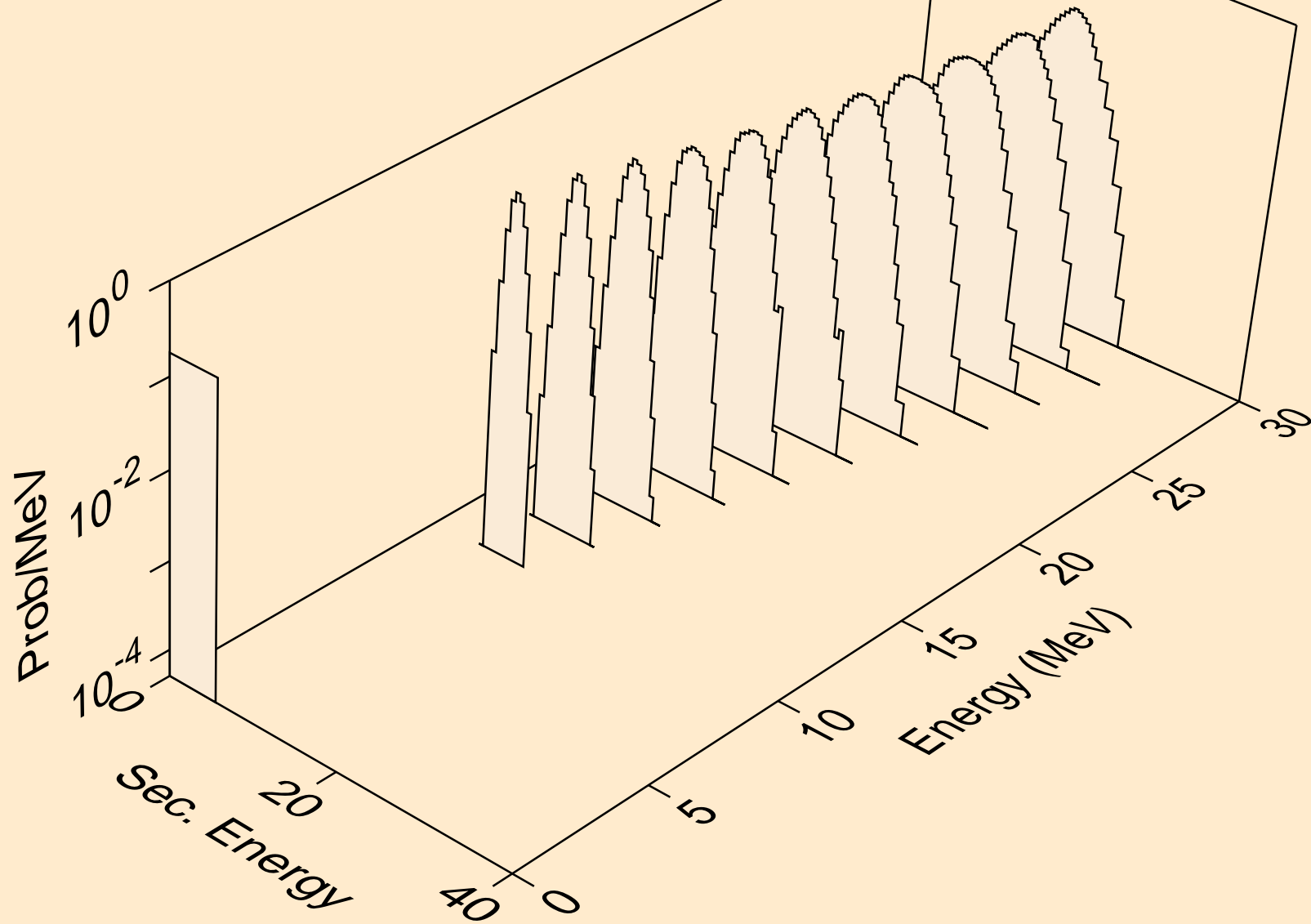
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alphas from (n,2n)a



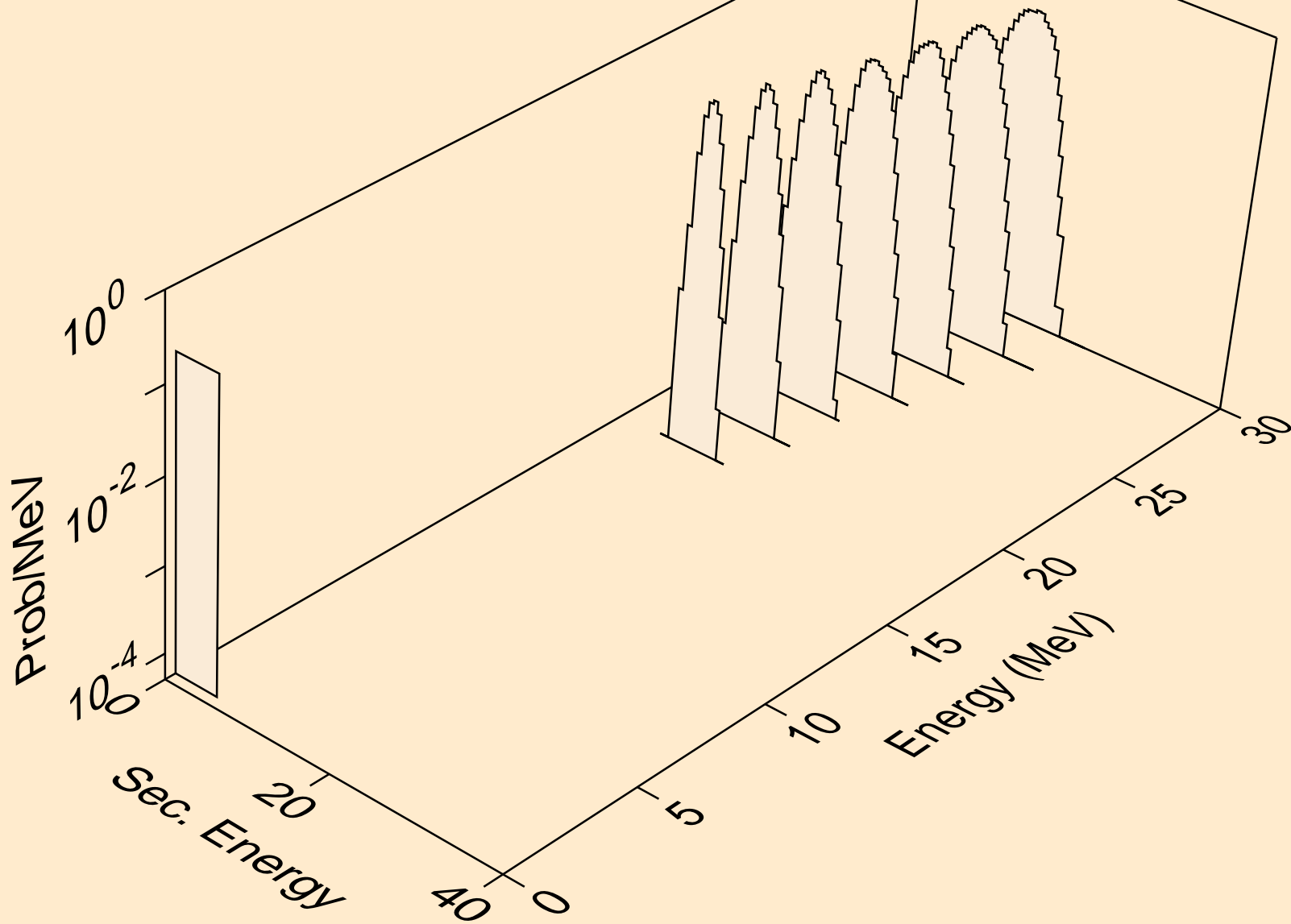
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alphas from (n,3n)a



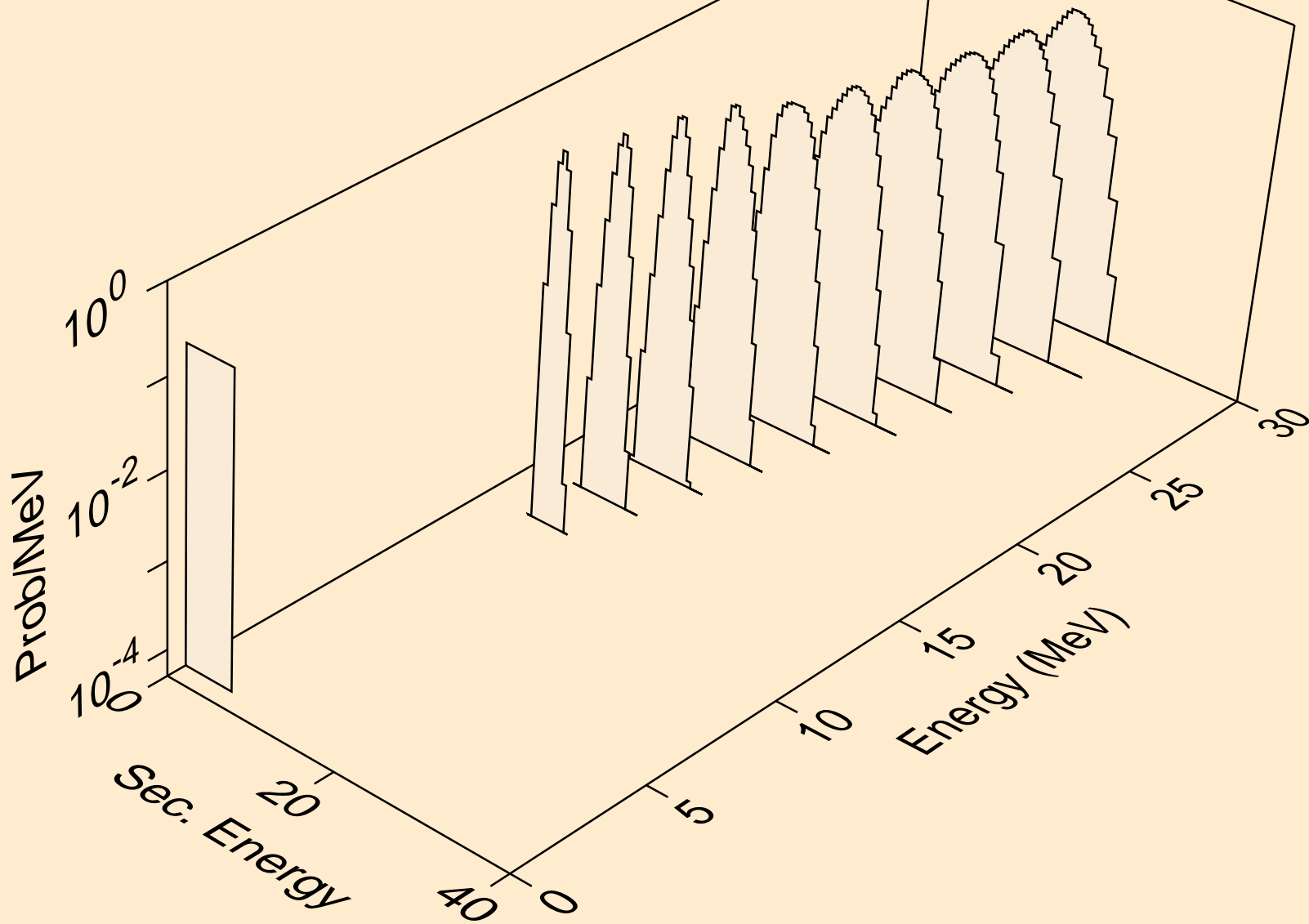
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alphas from (n,n\*)2a



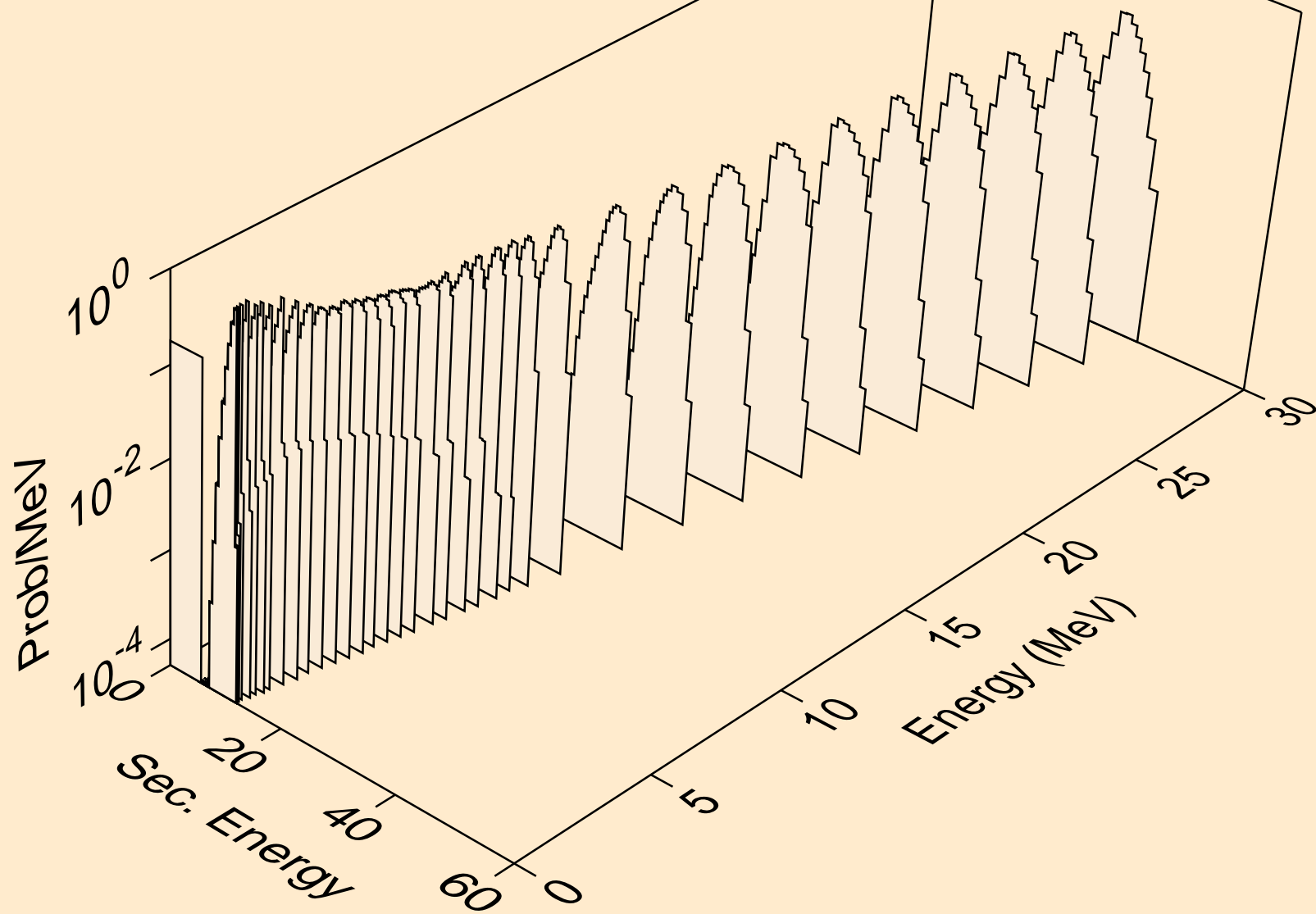
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alphas from (n,2n)2a



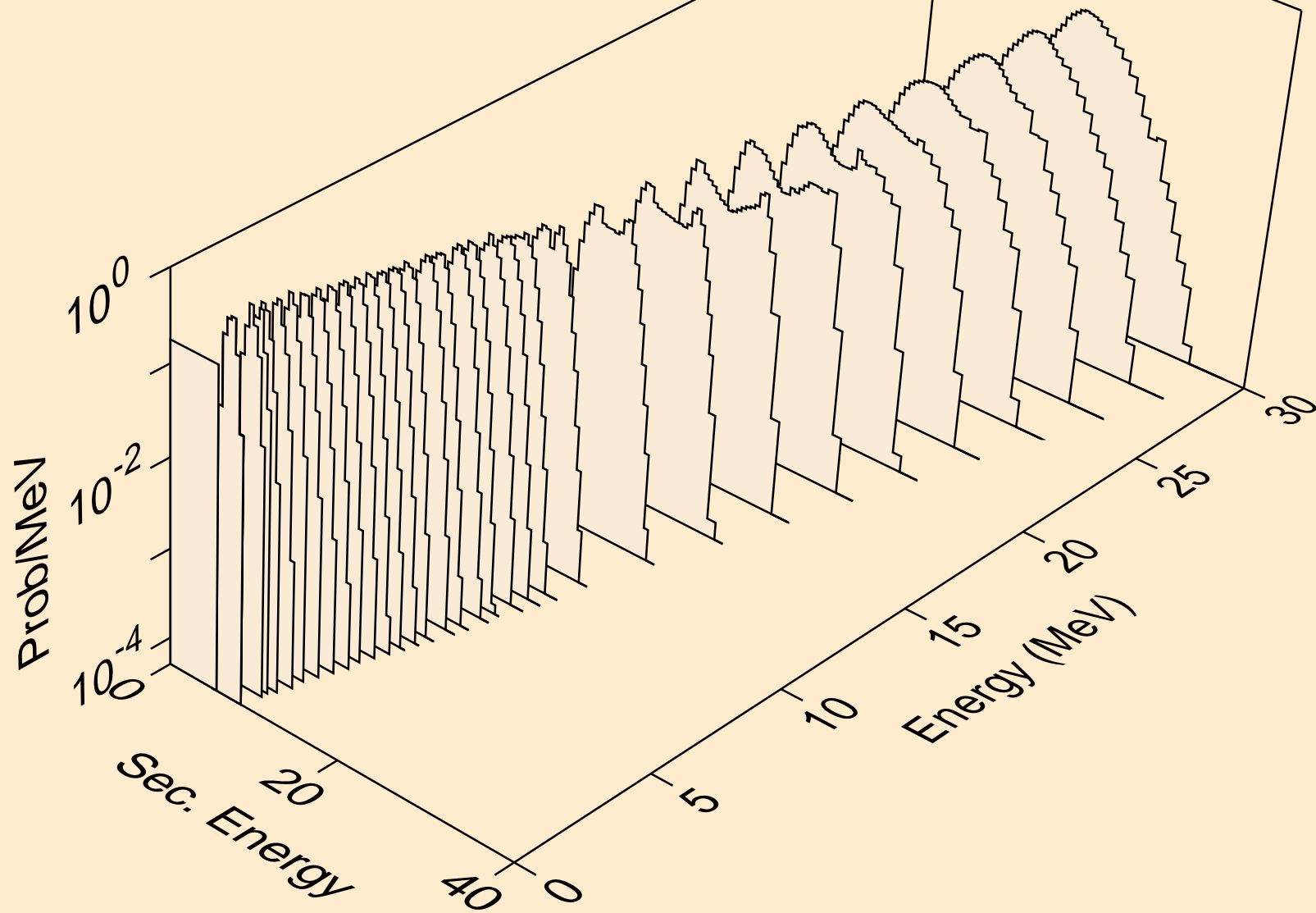
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alphas from (n,npa)



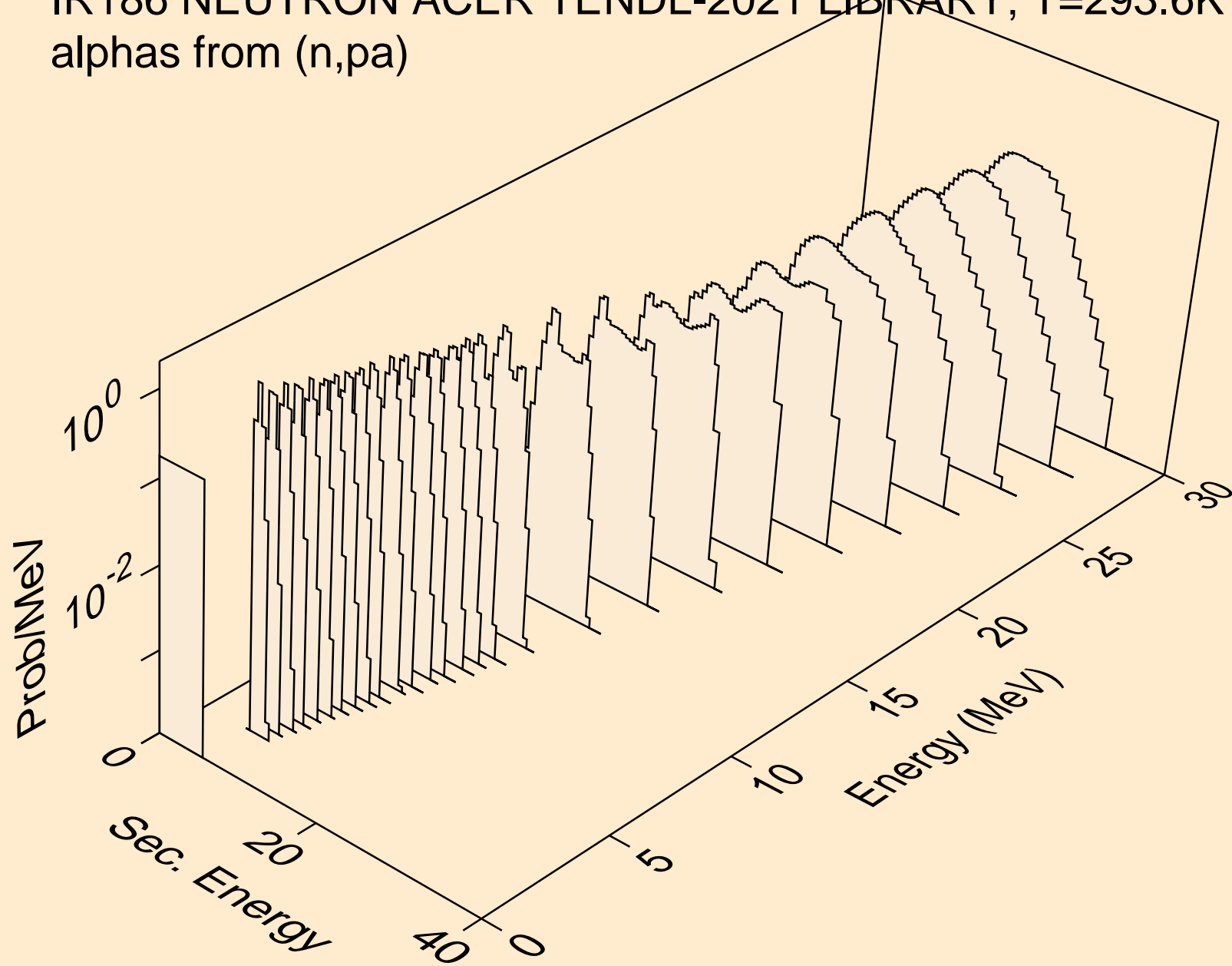
IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





IR186 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

