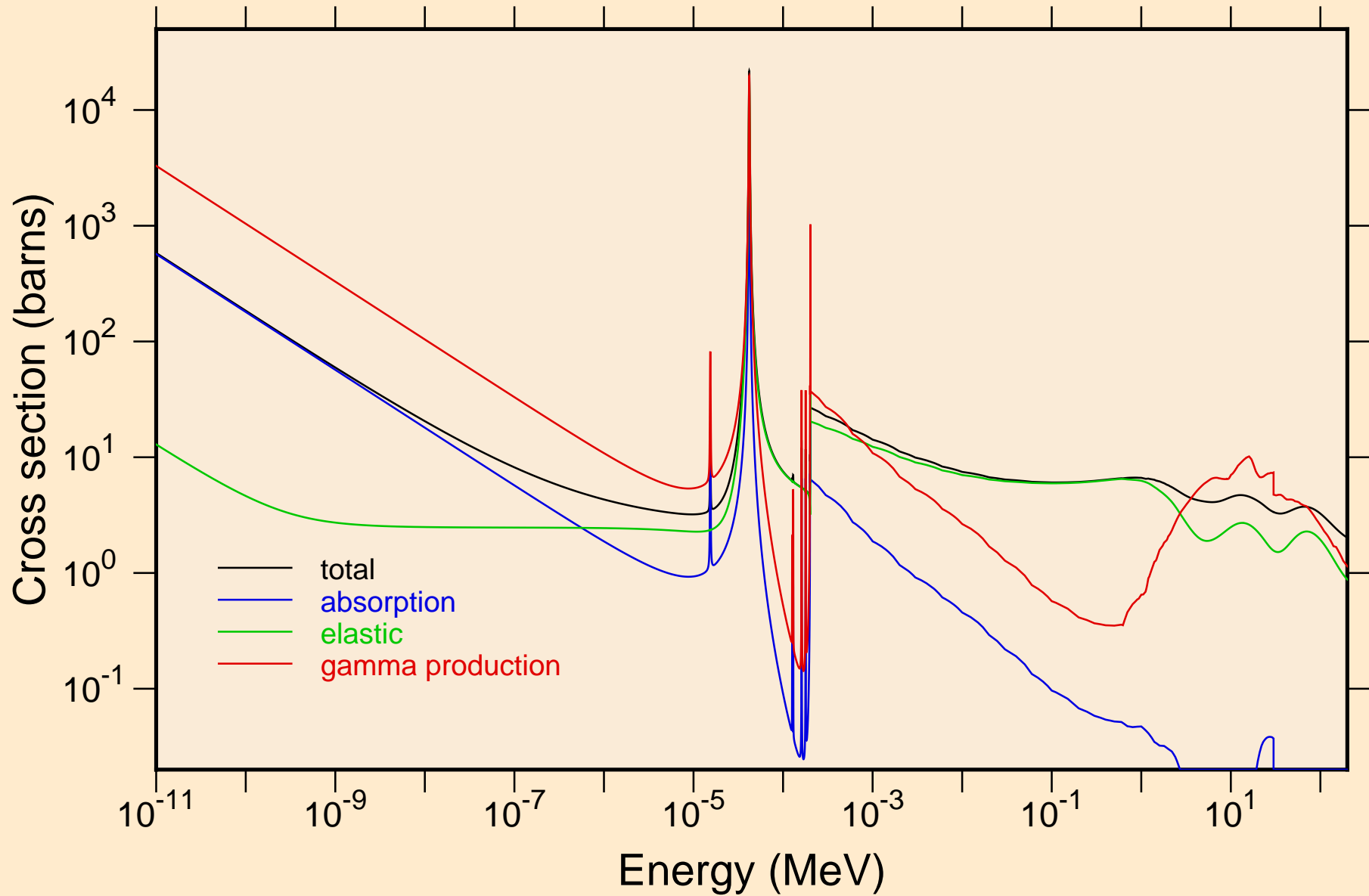
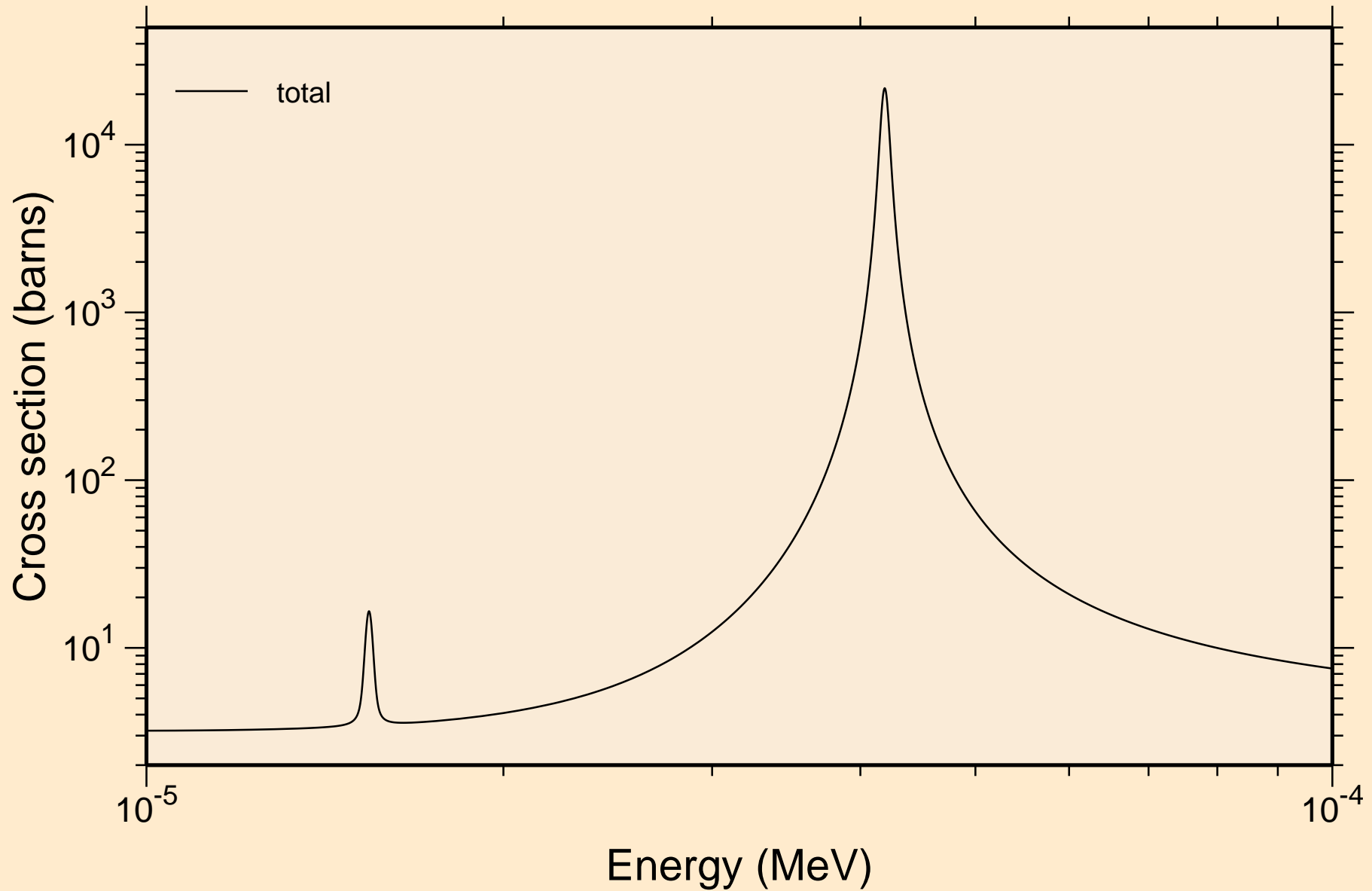


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

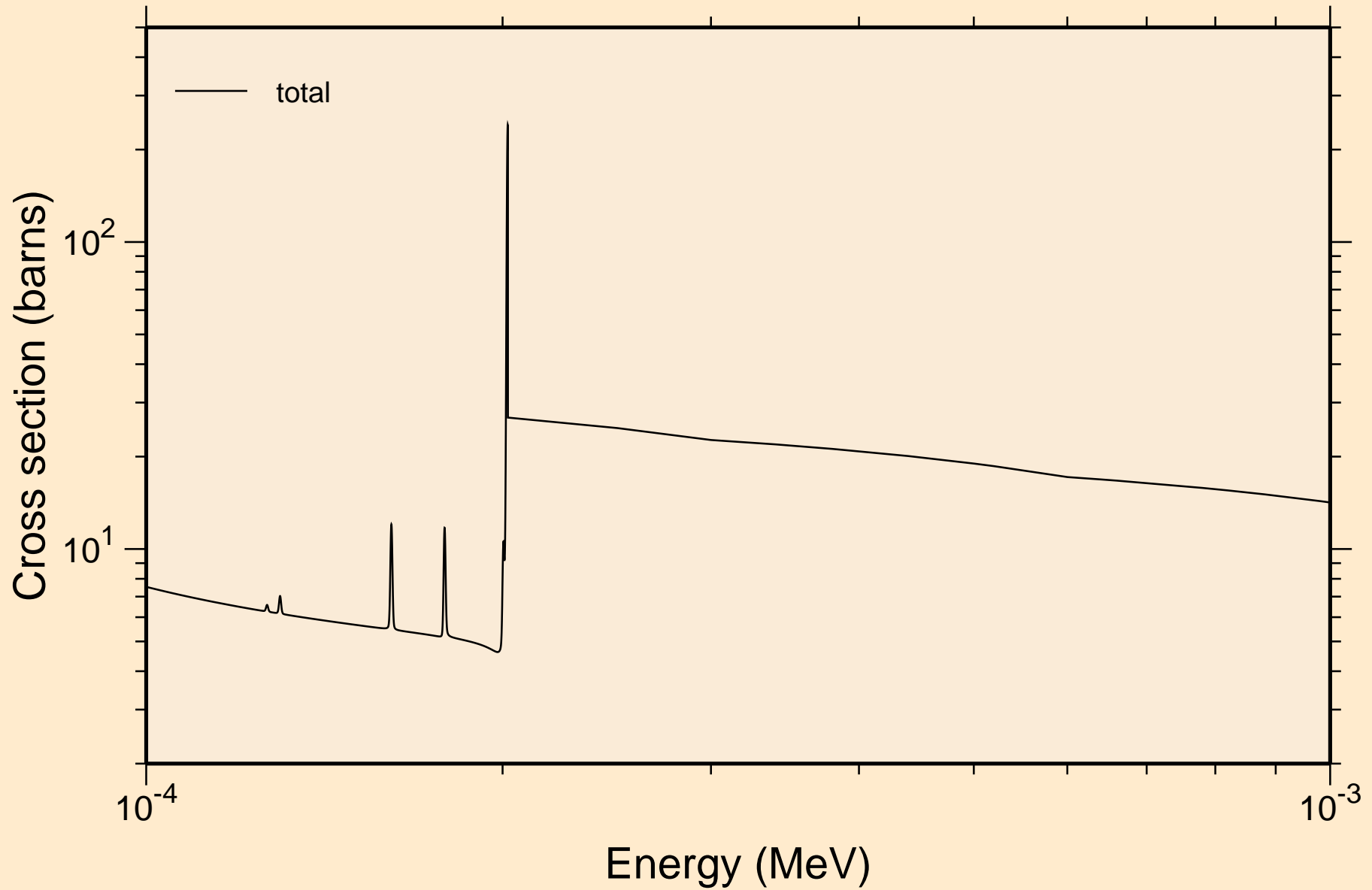
## Principal cross sections



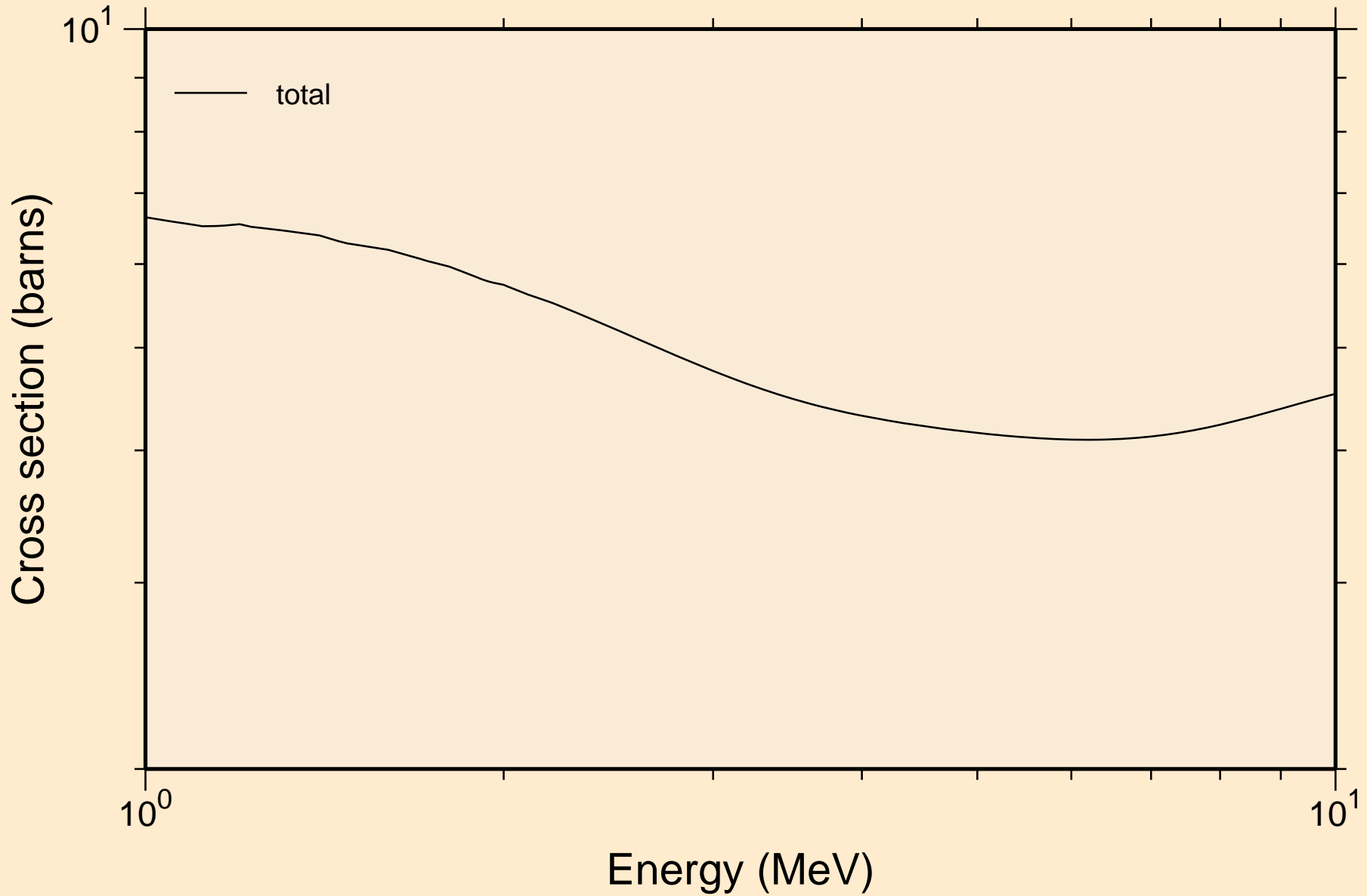
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



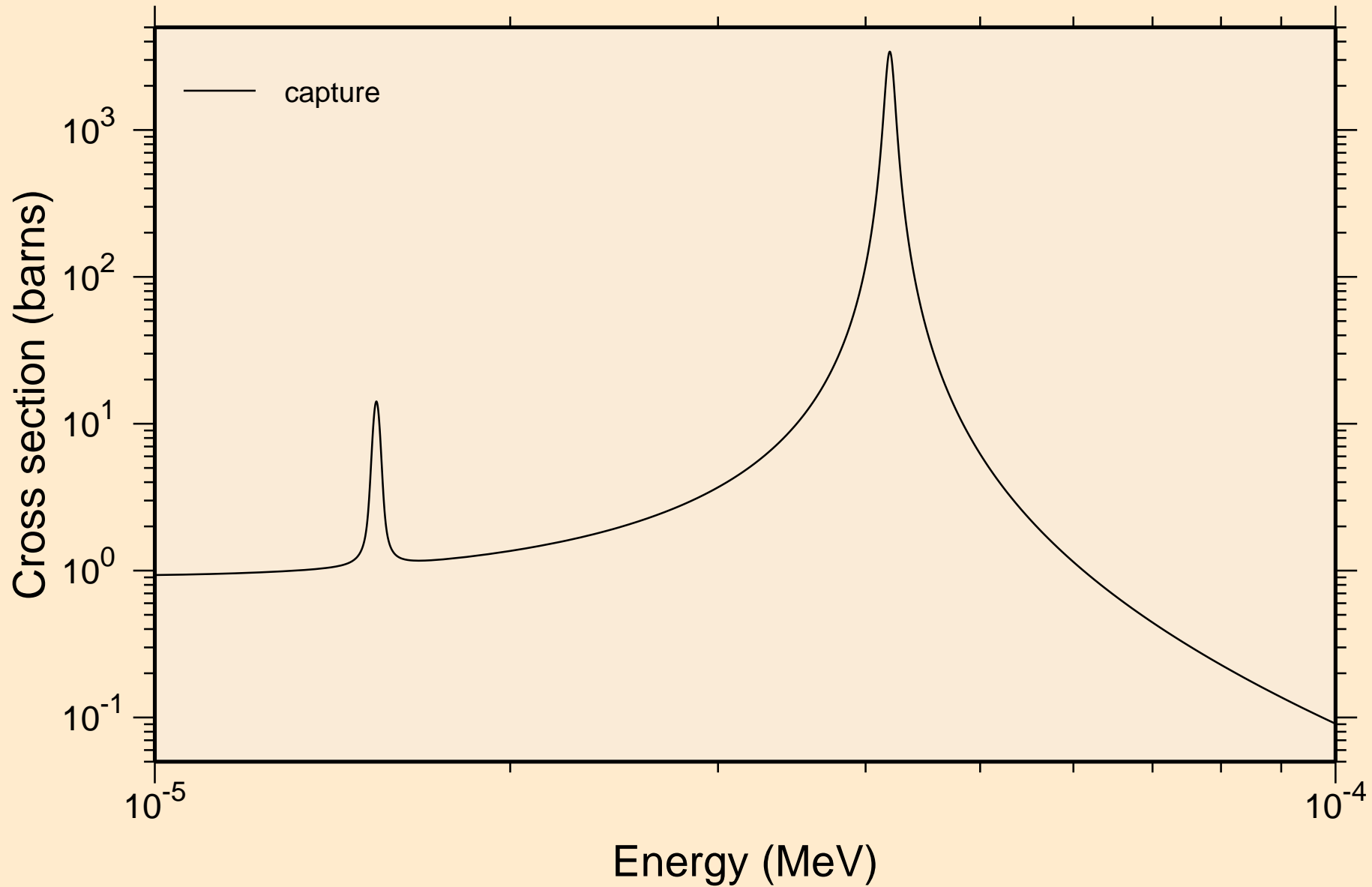
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



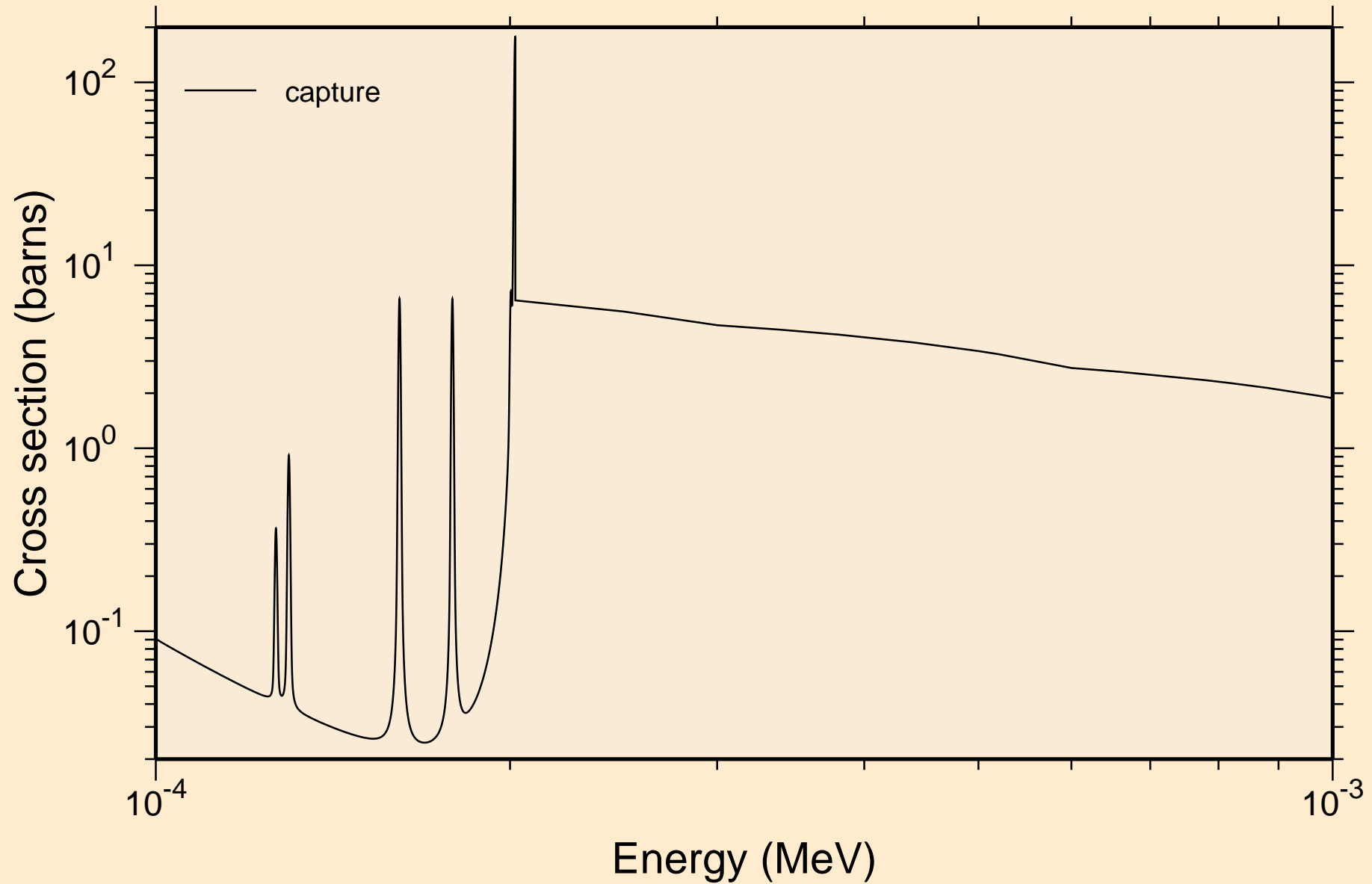
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



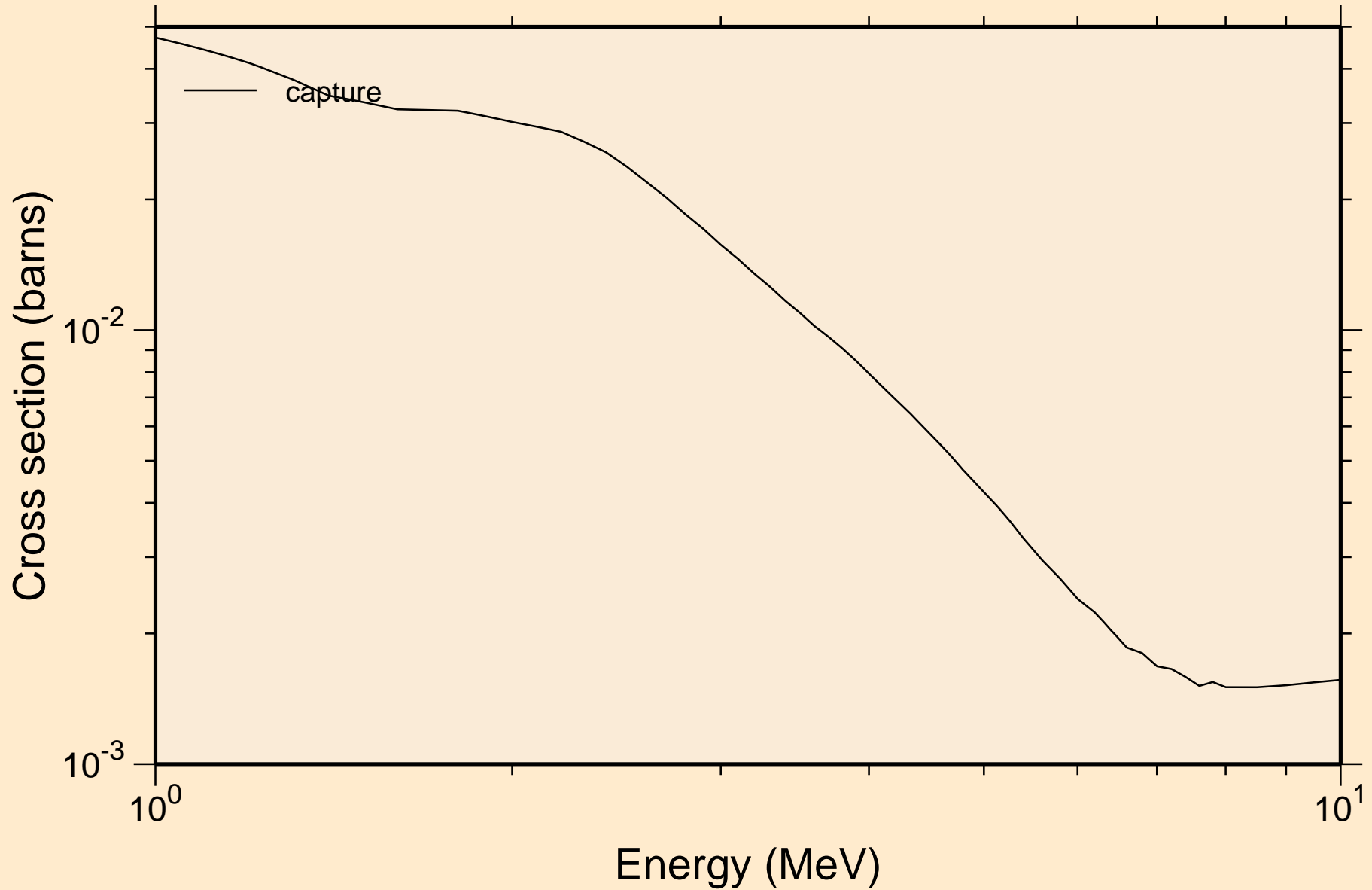
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



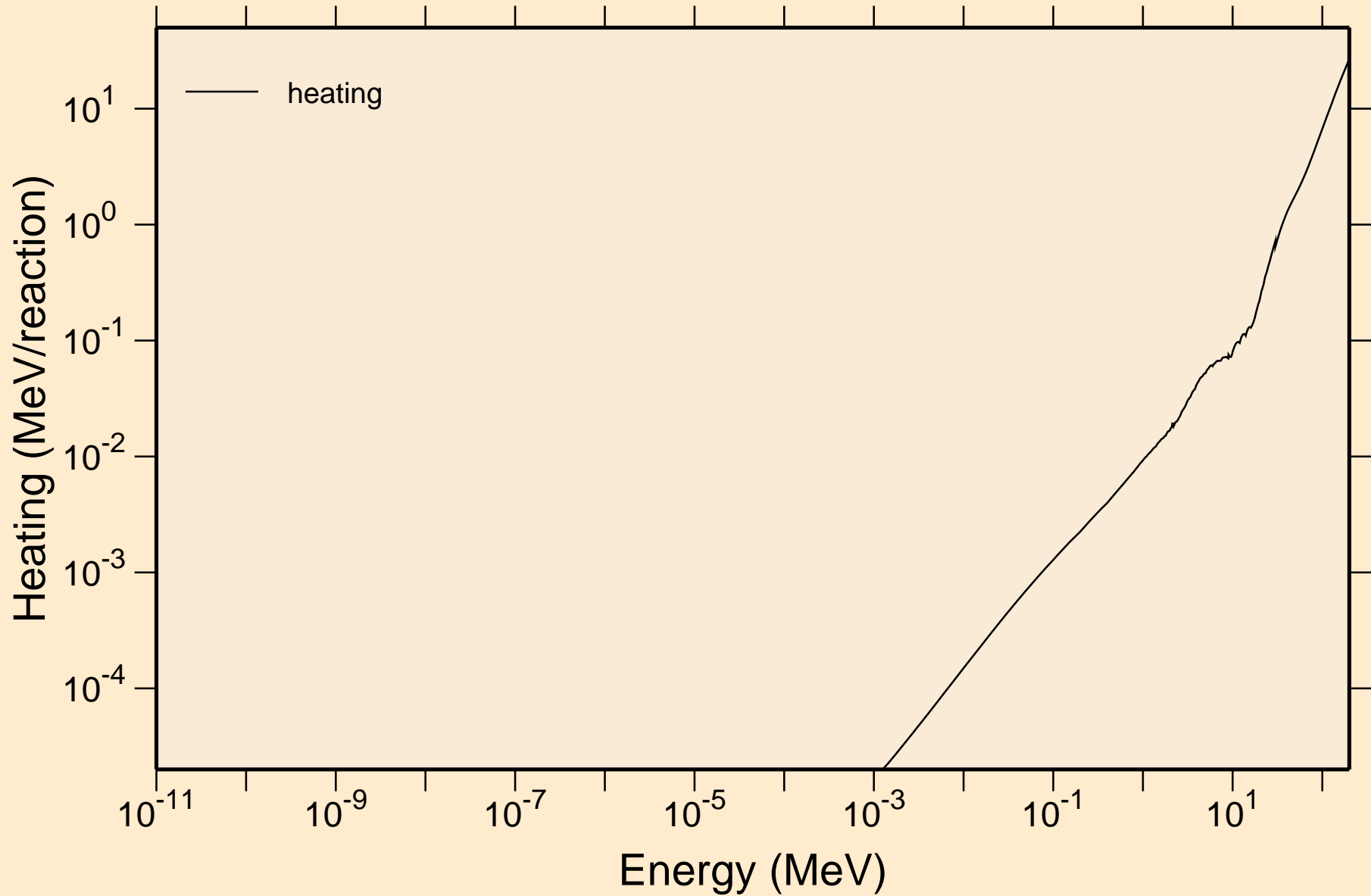
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

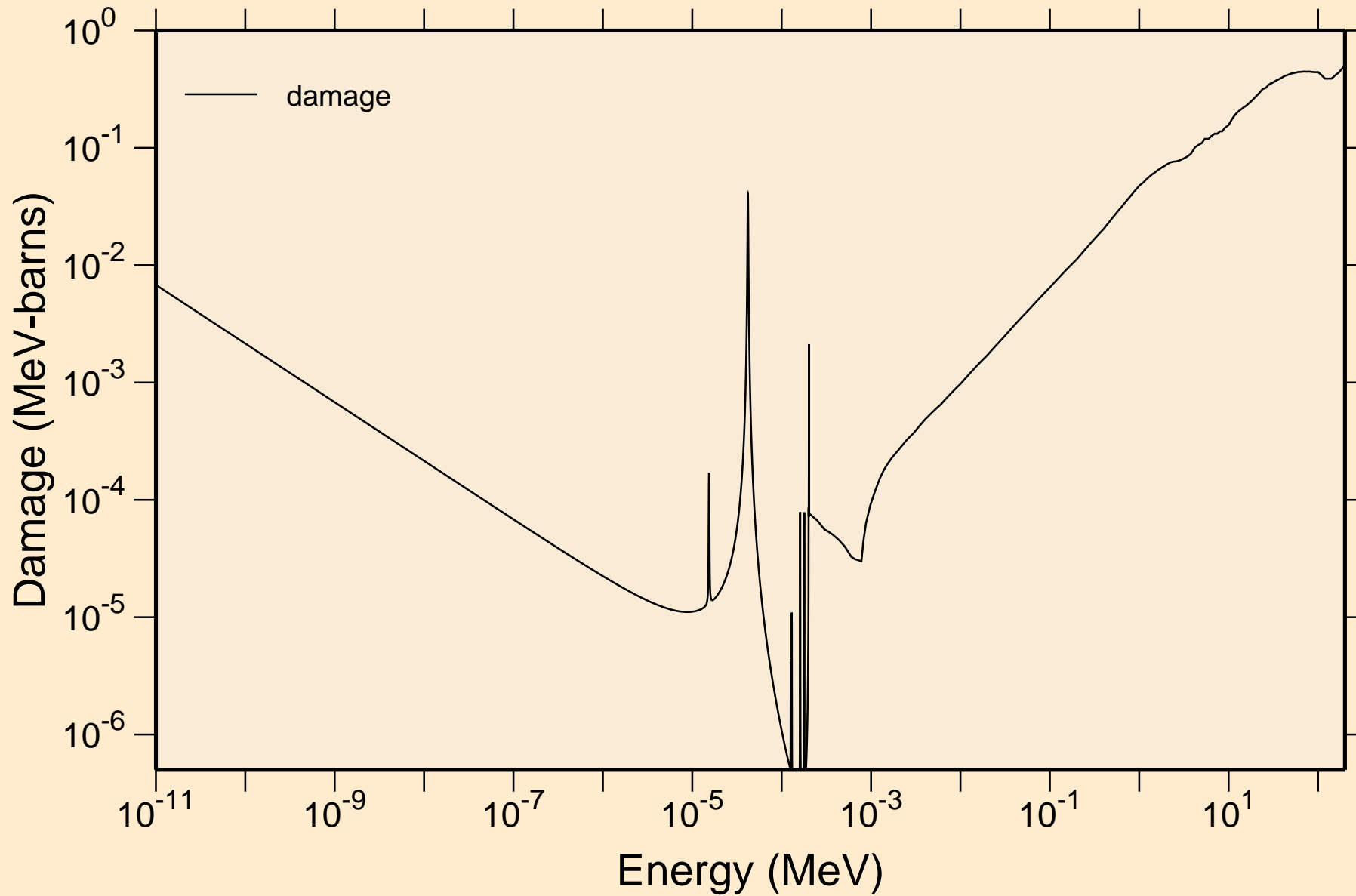


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

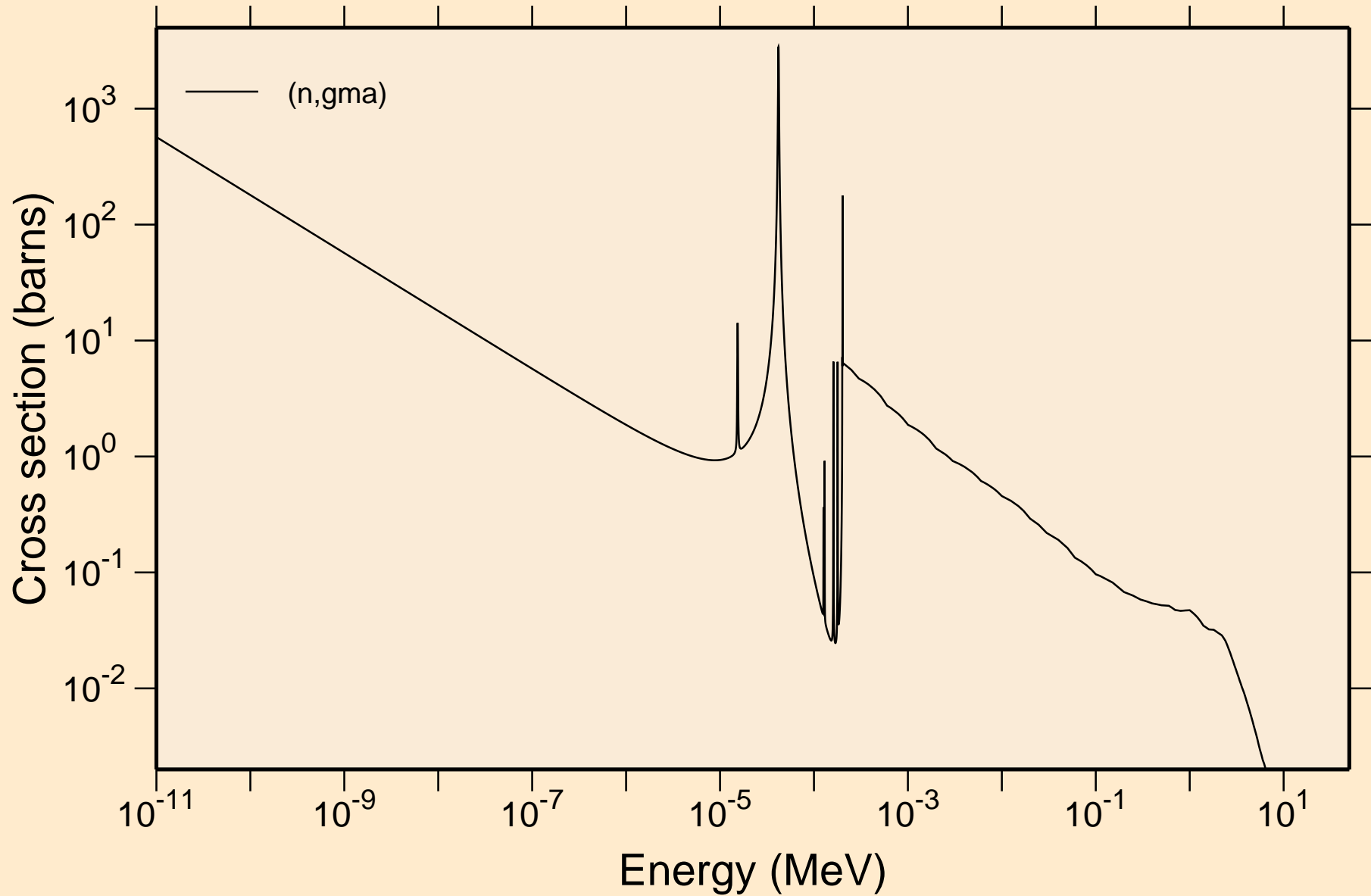


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

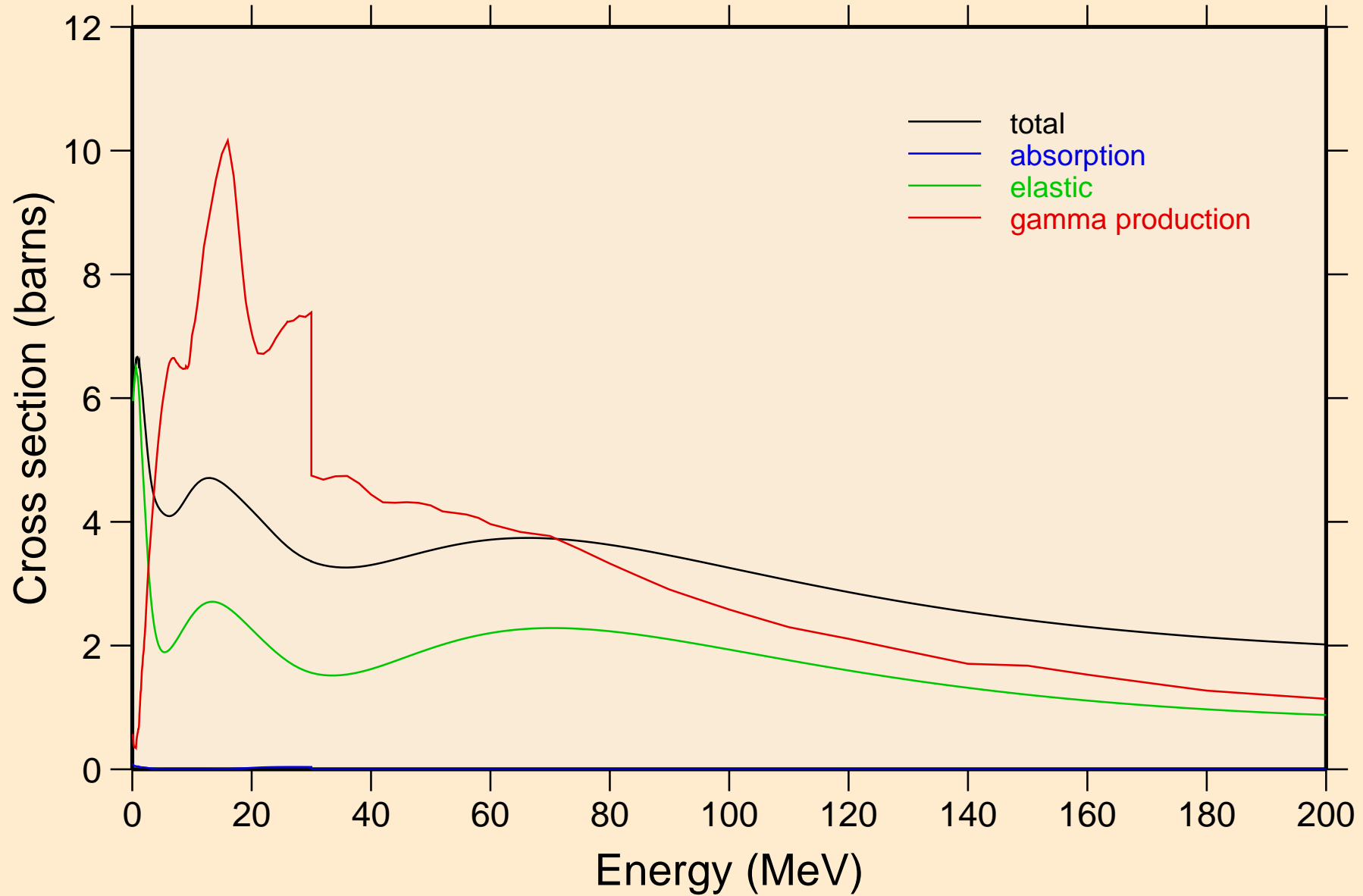


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



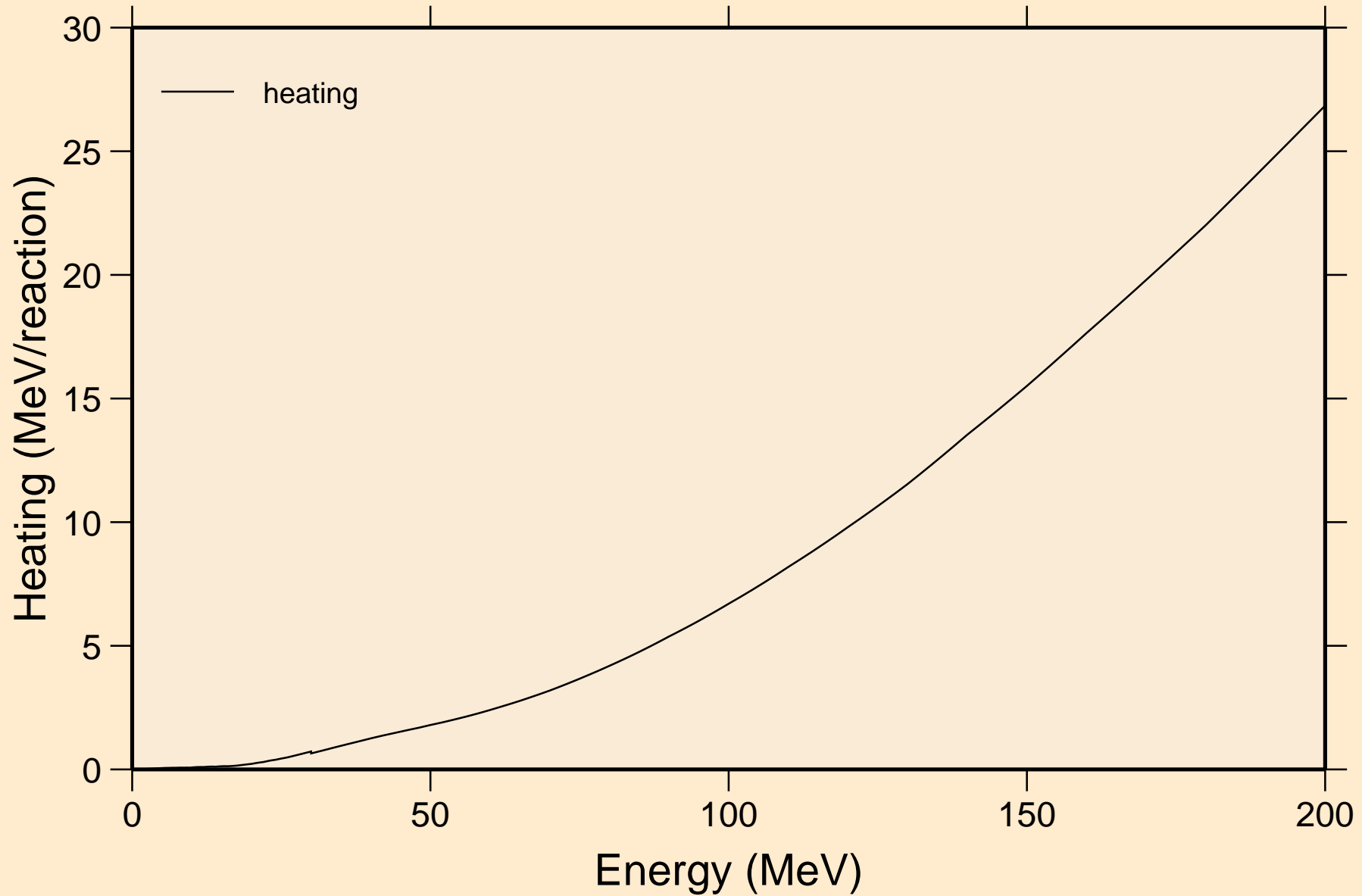
# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections



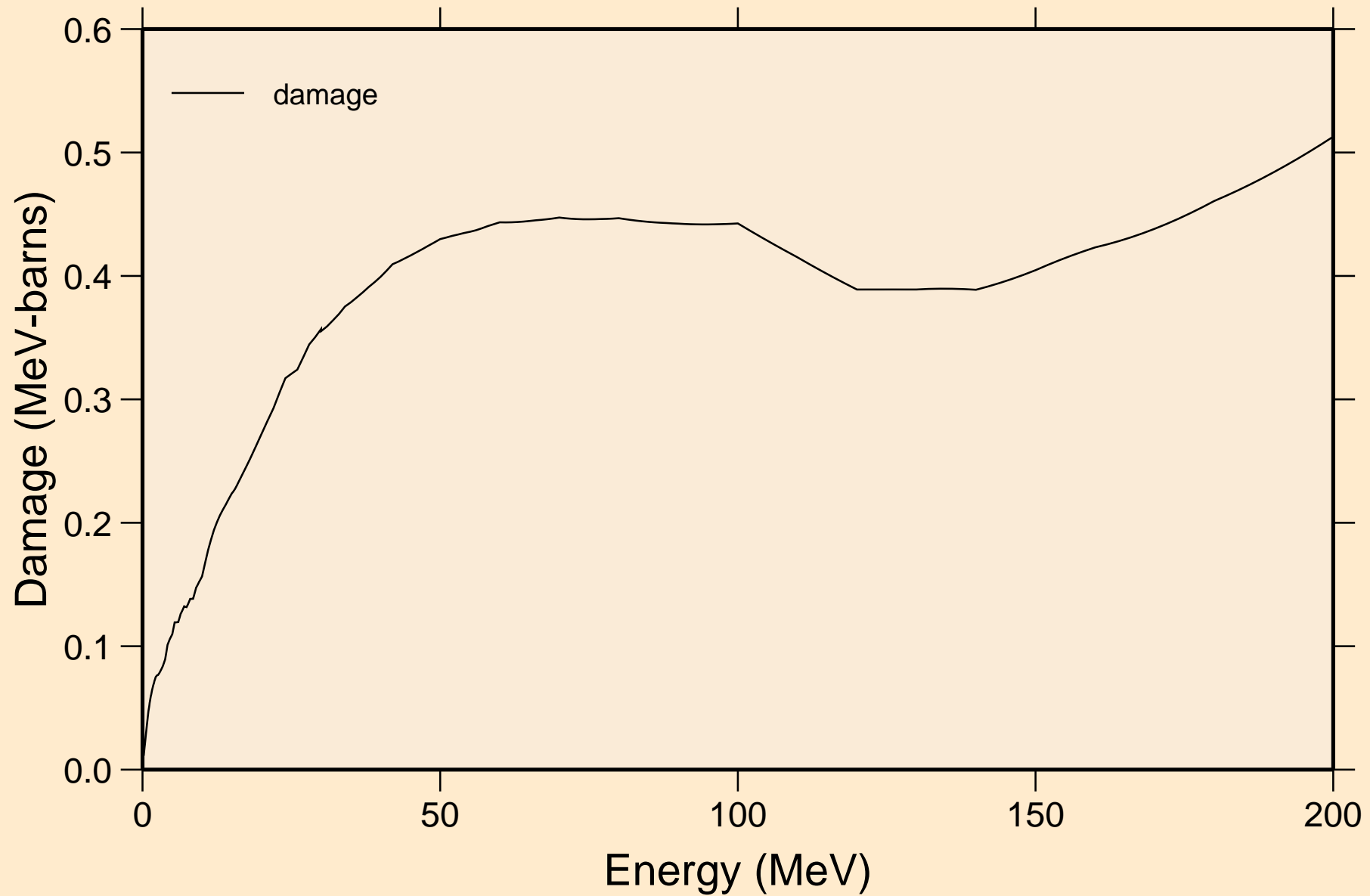
# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

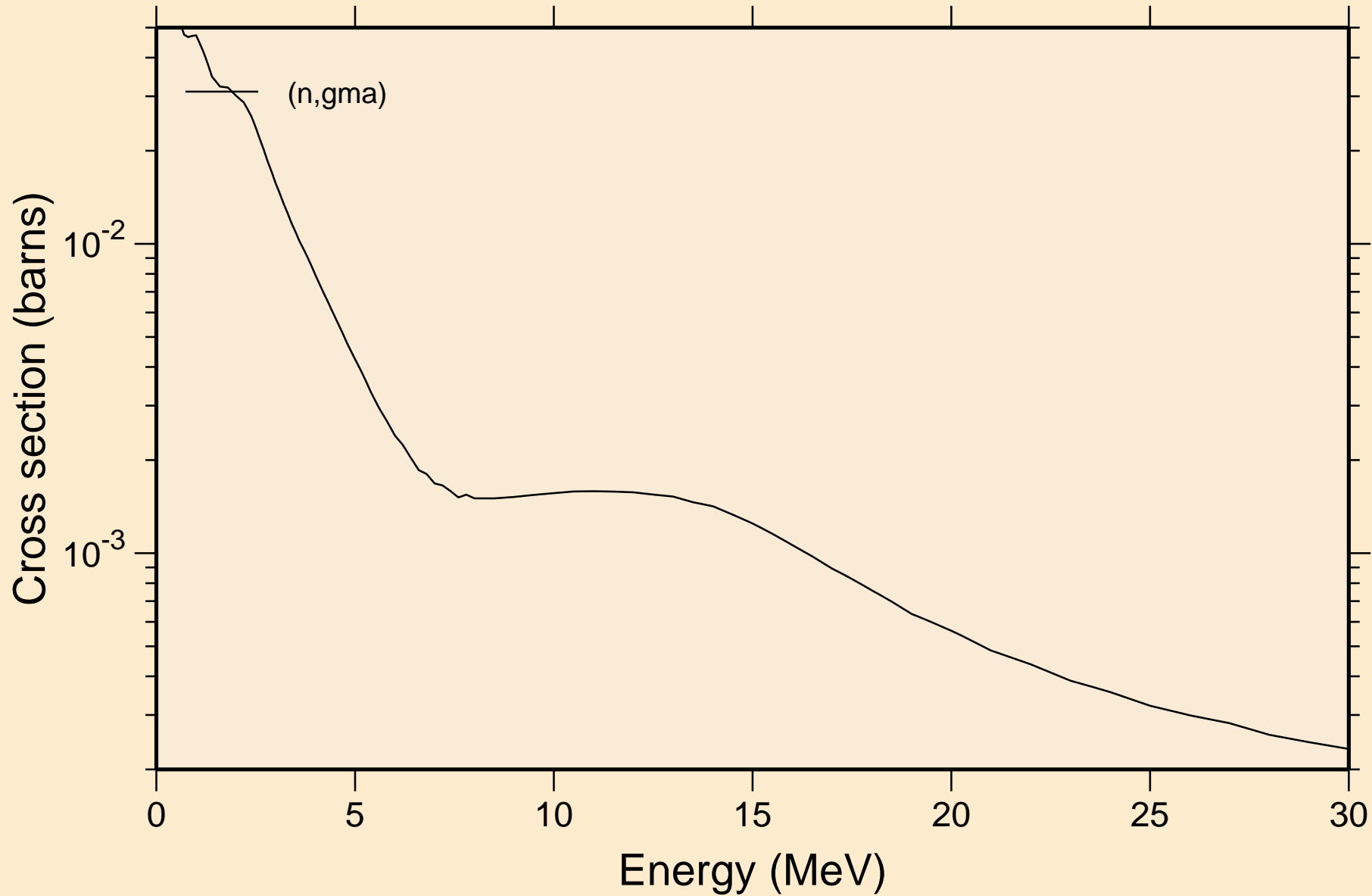


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

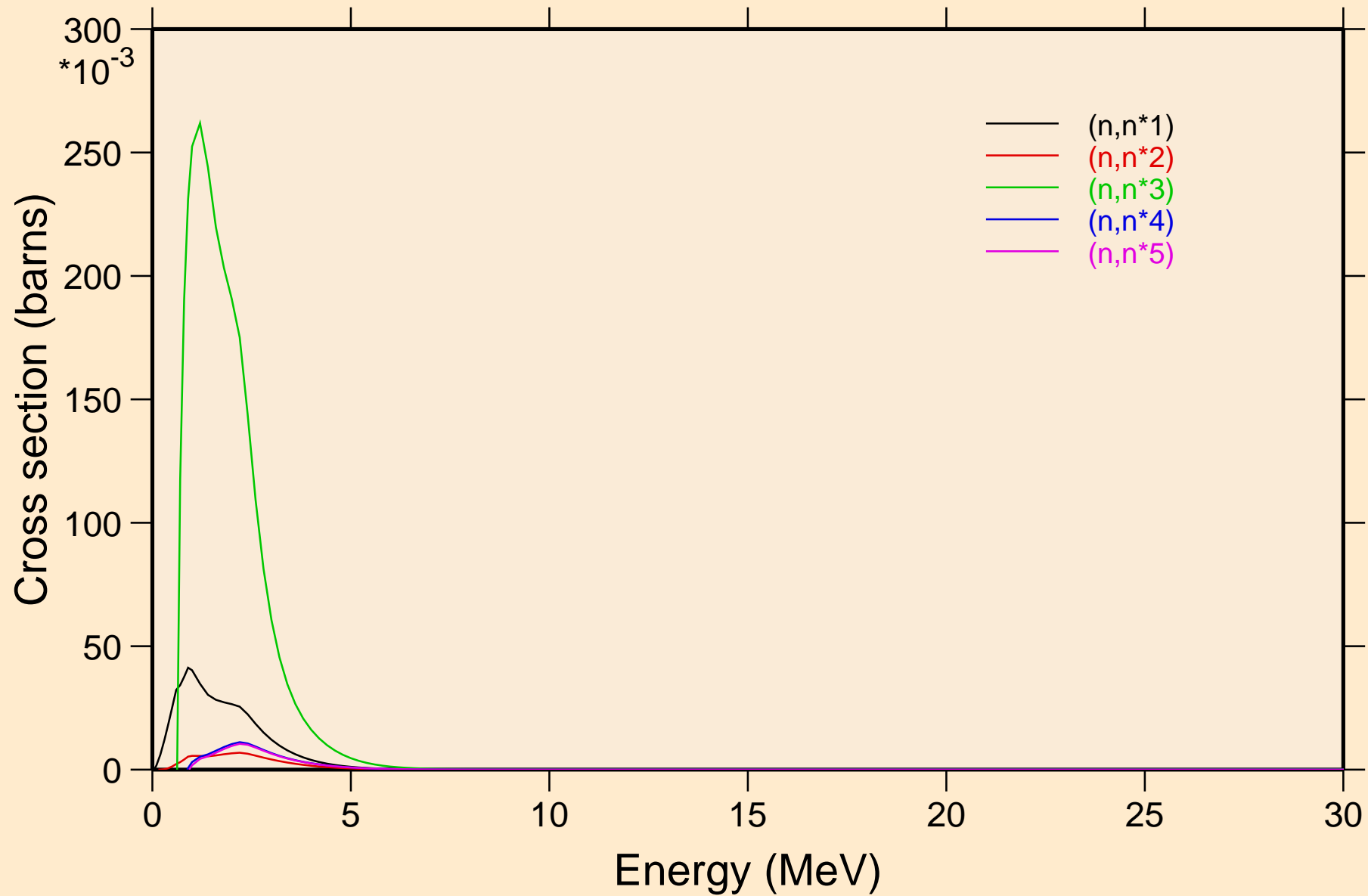
## Damage



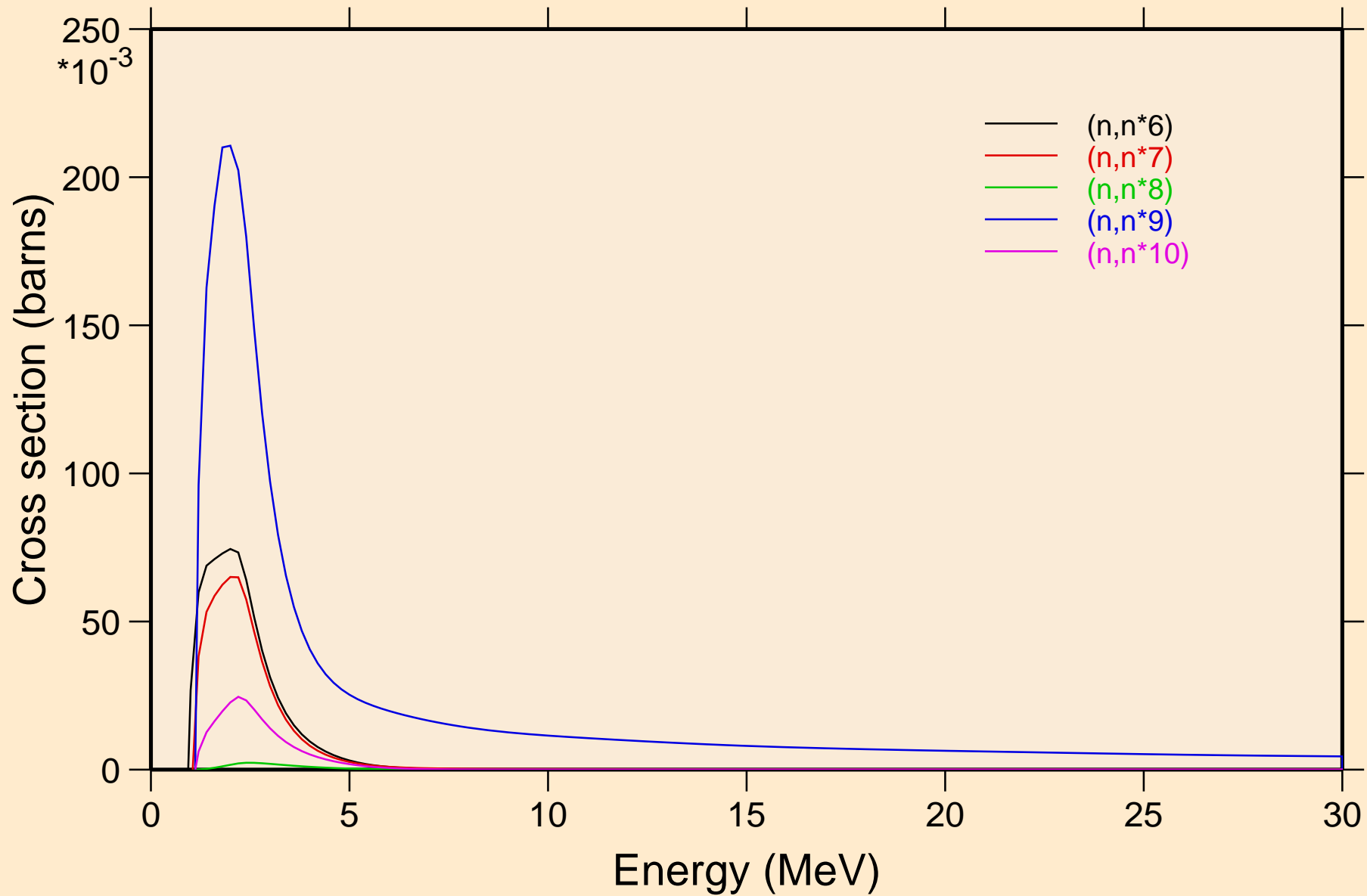
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



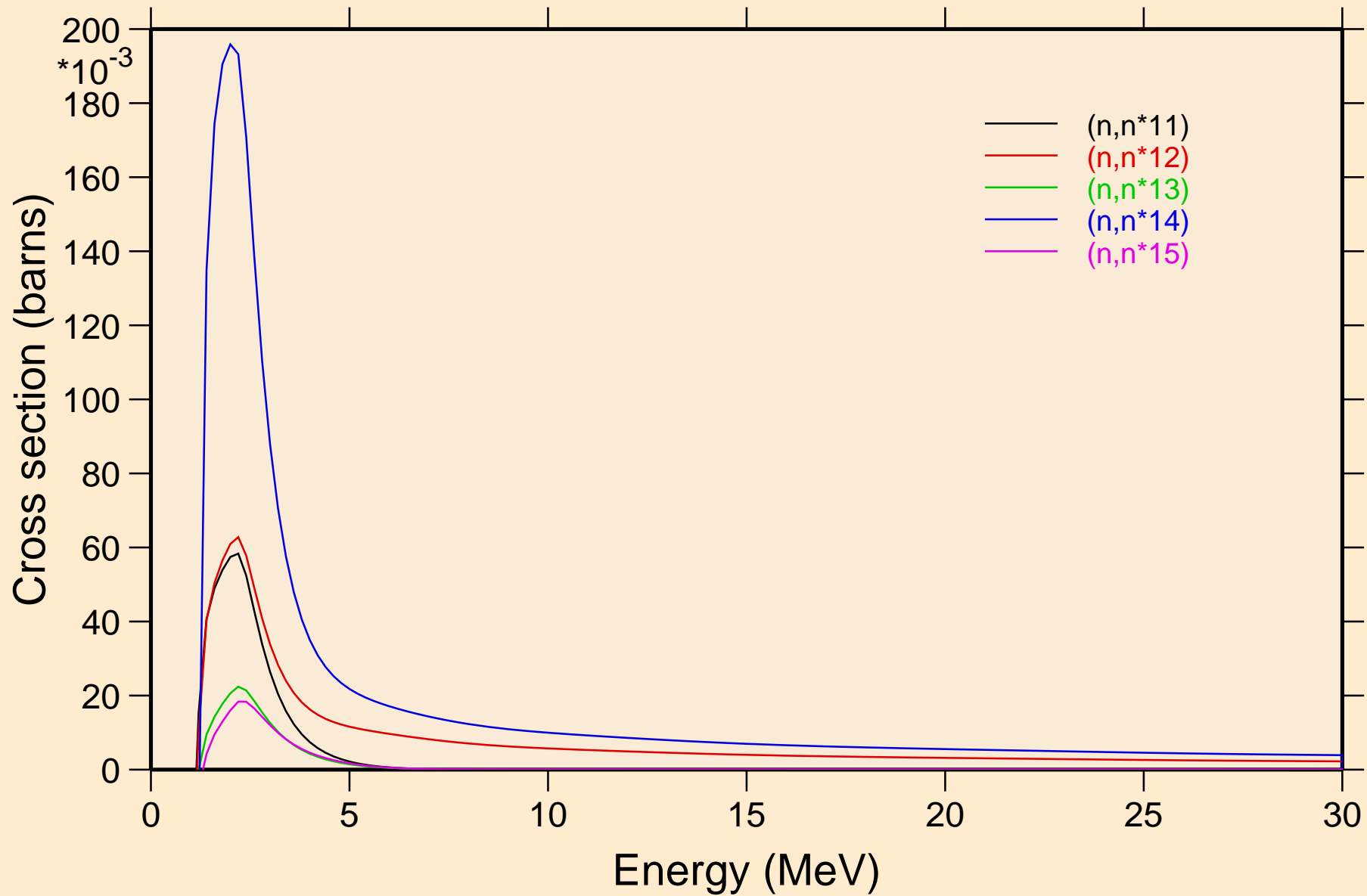
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

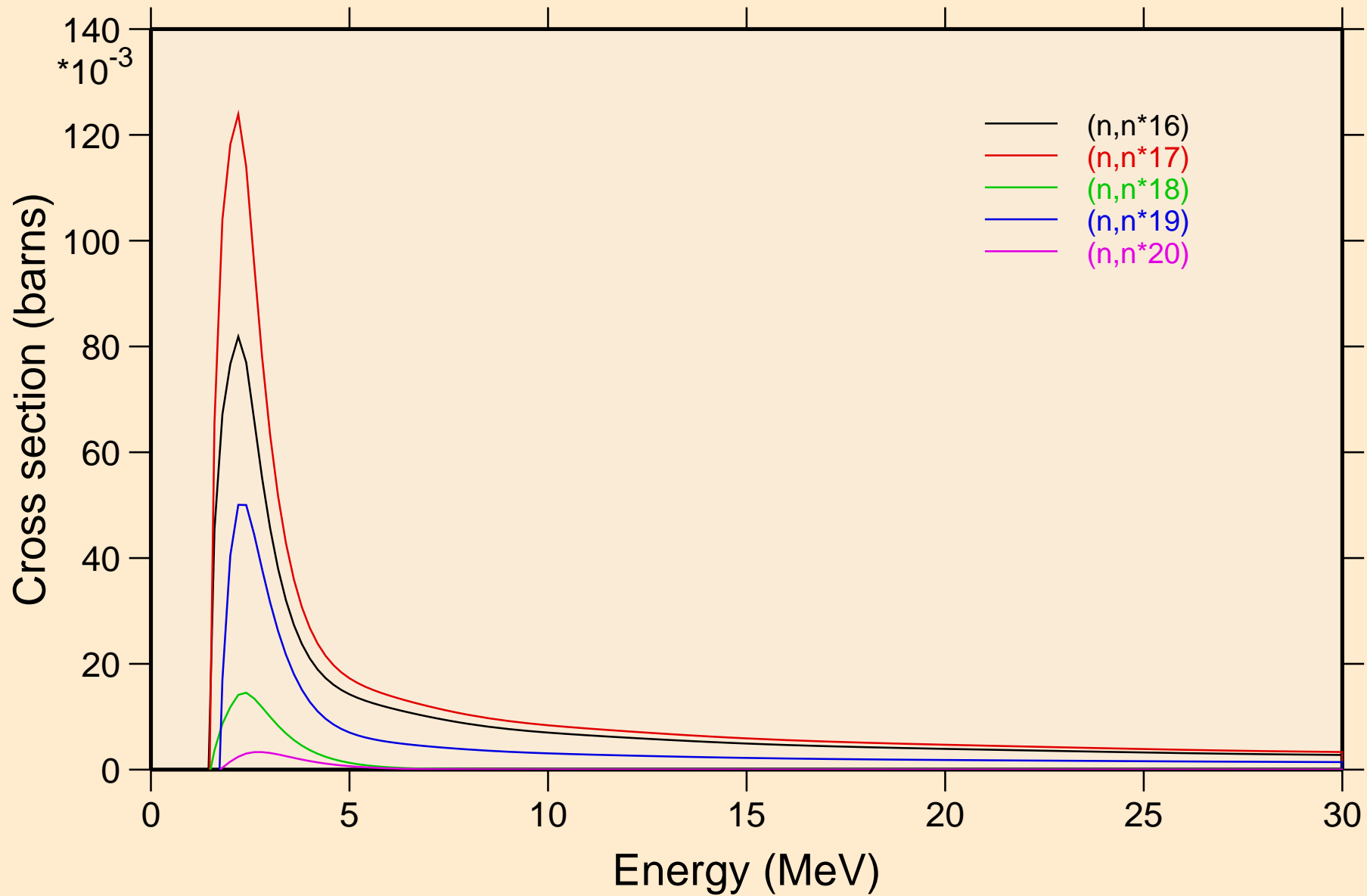


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



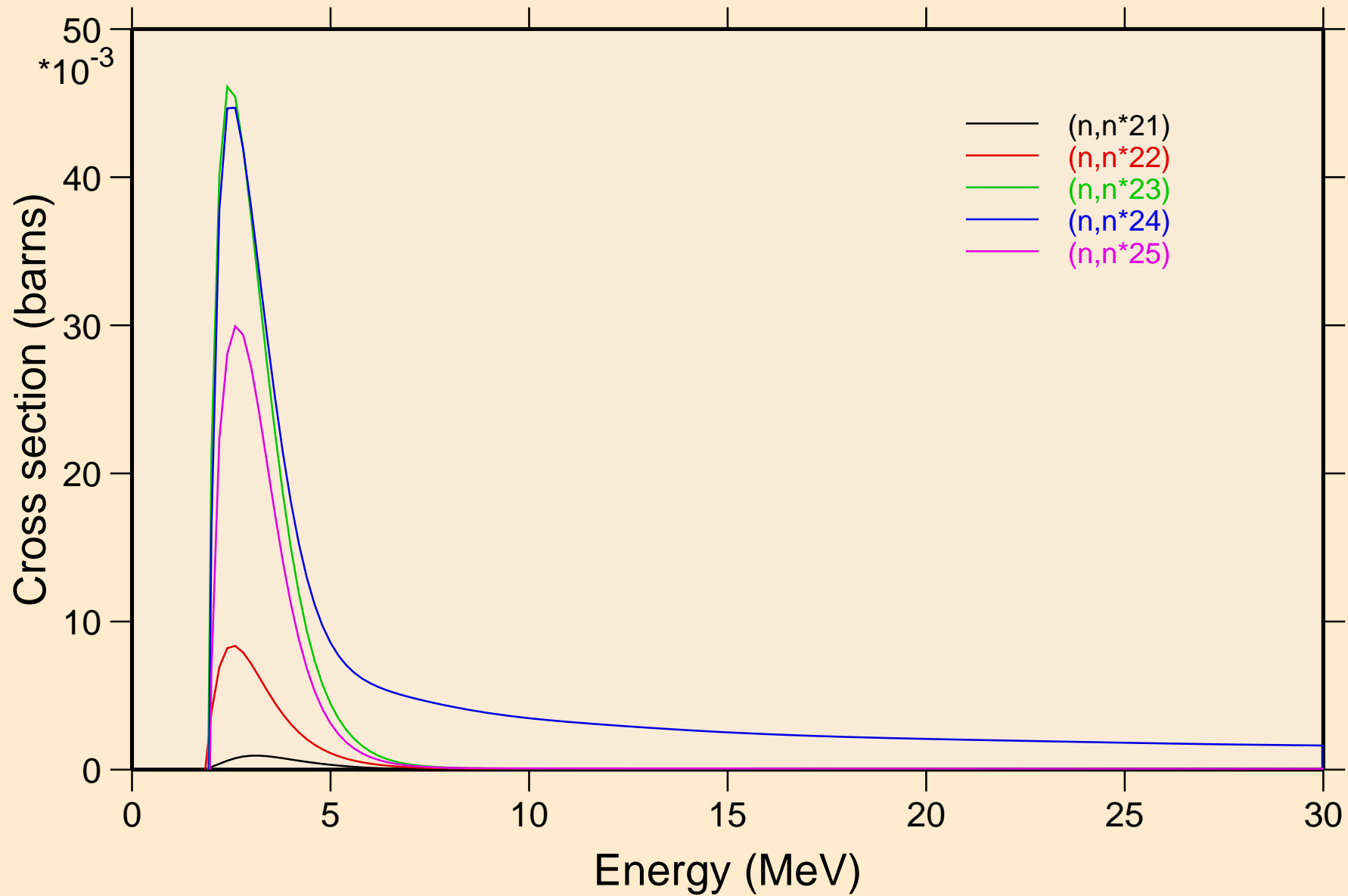
# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

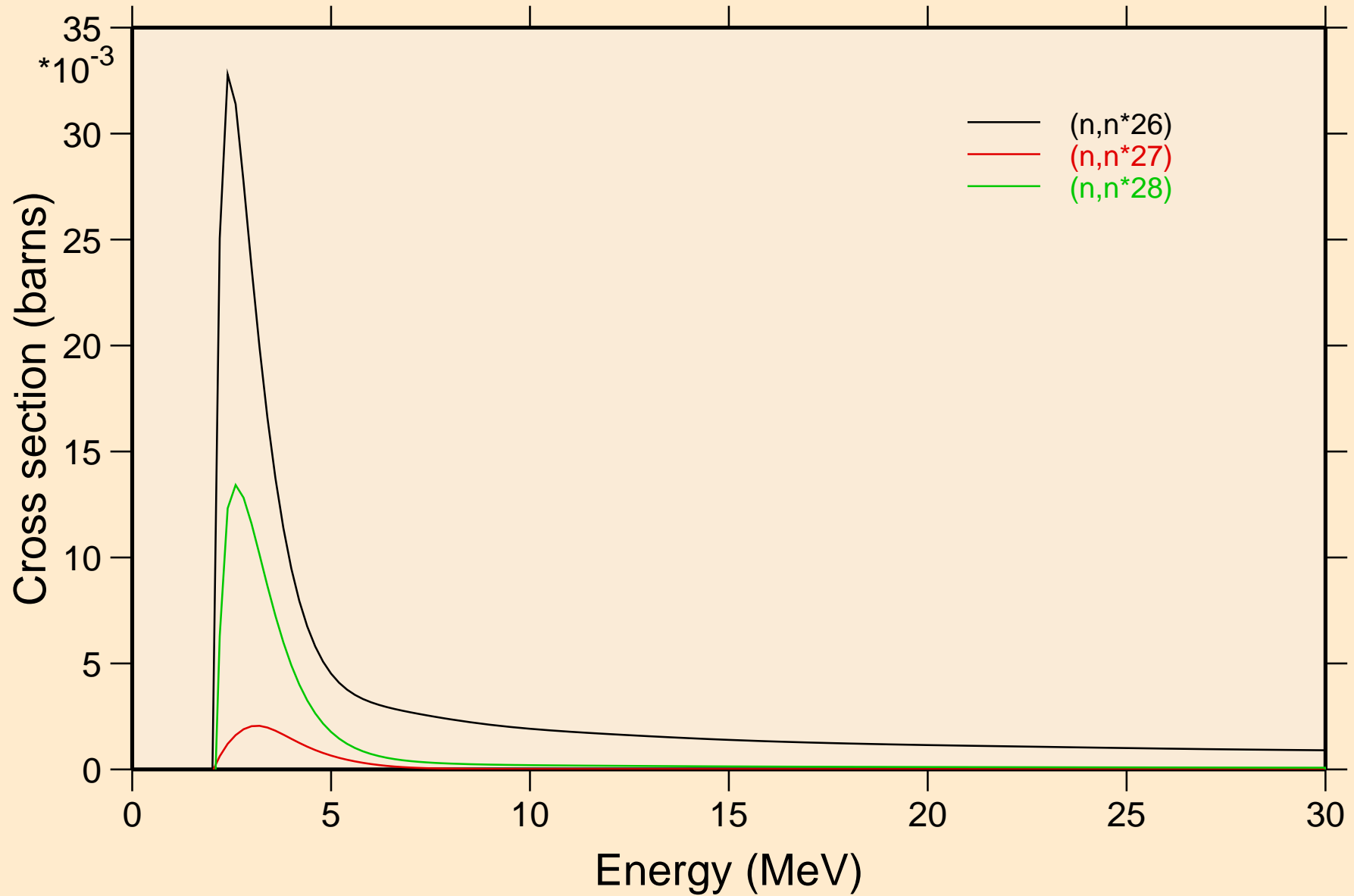


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

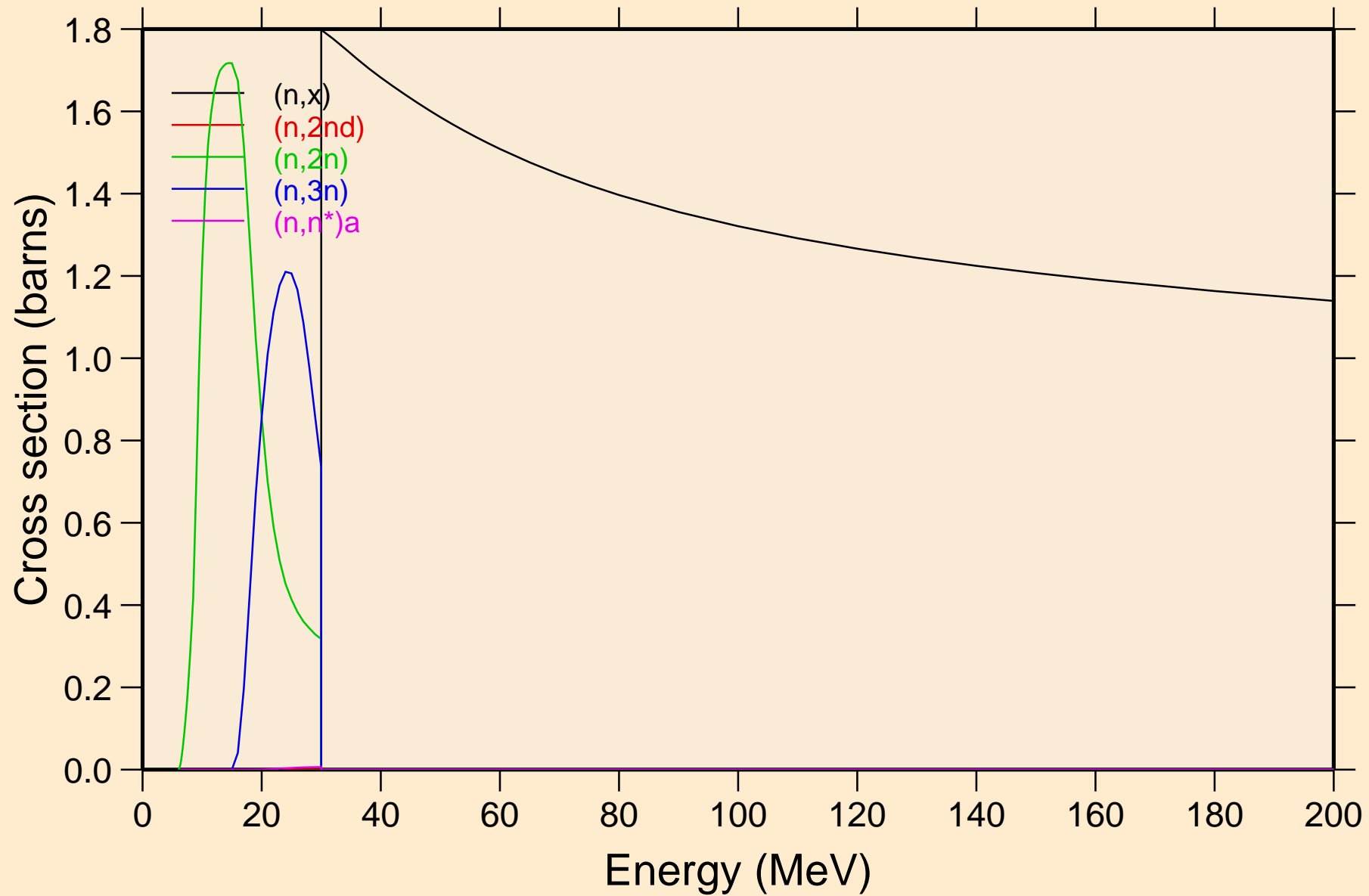


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

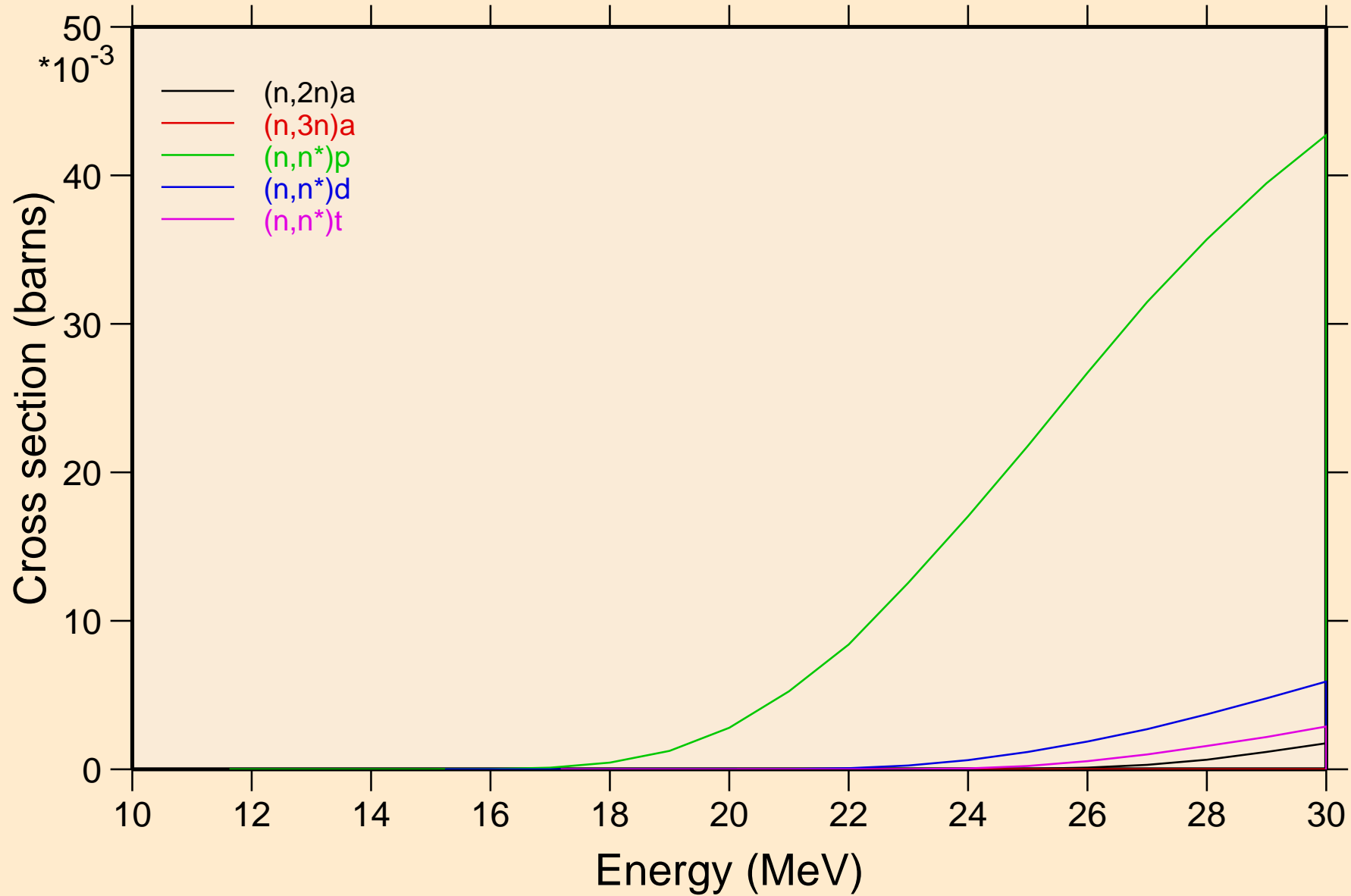


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

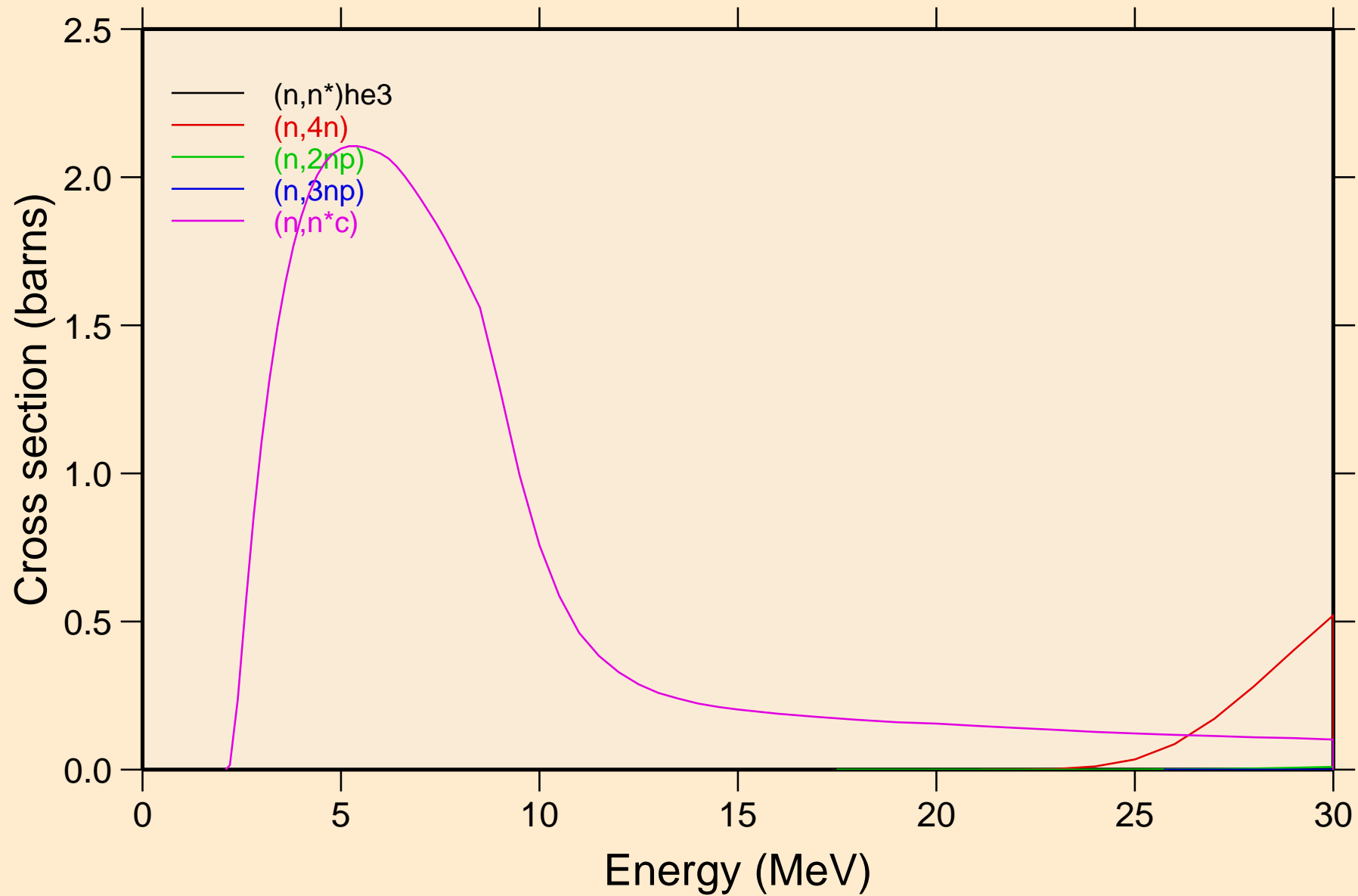


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



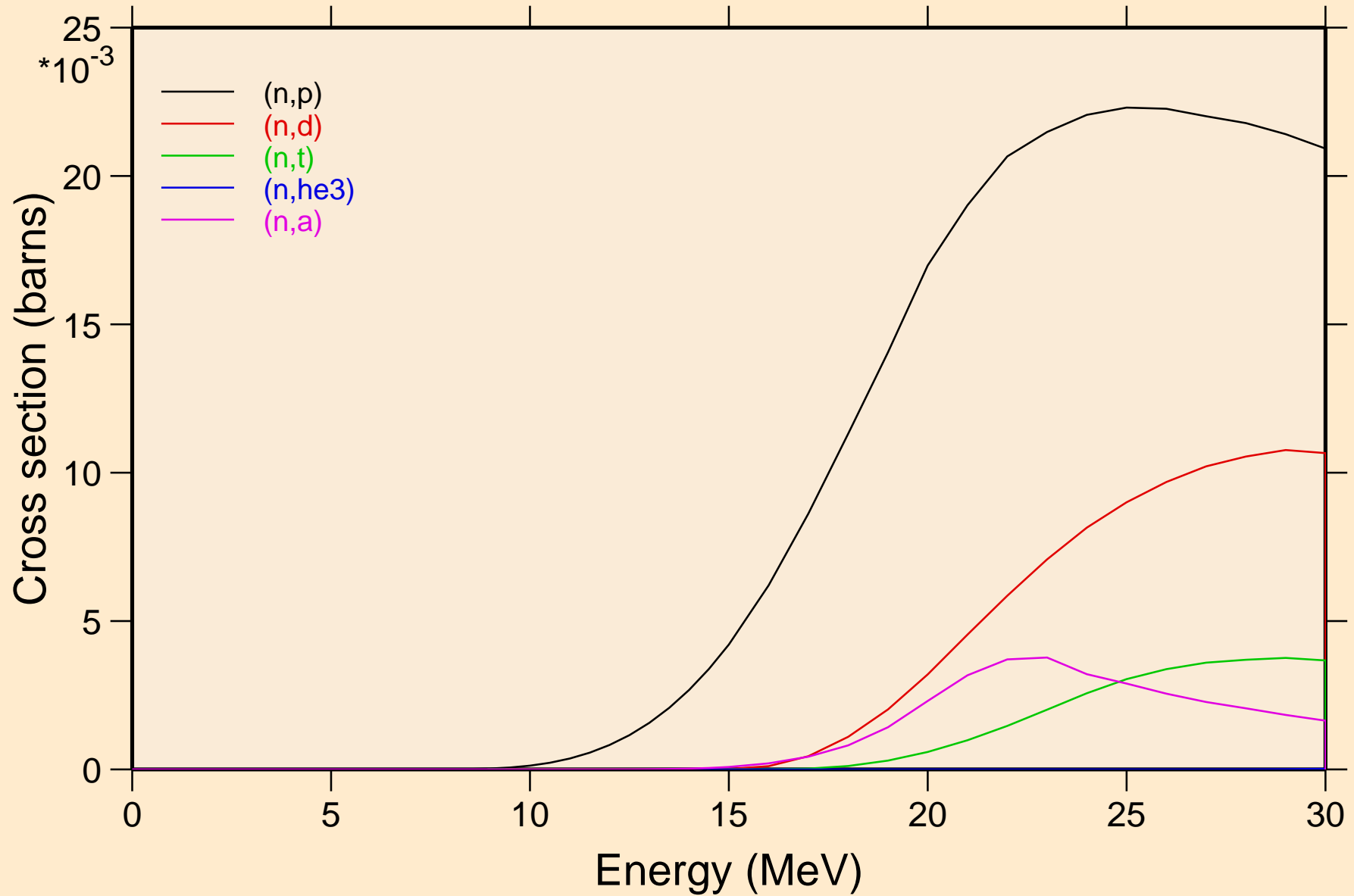
# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

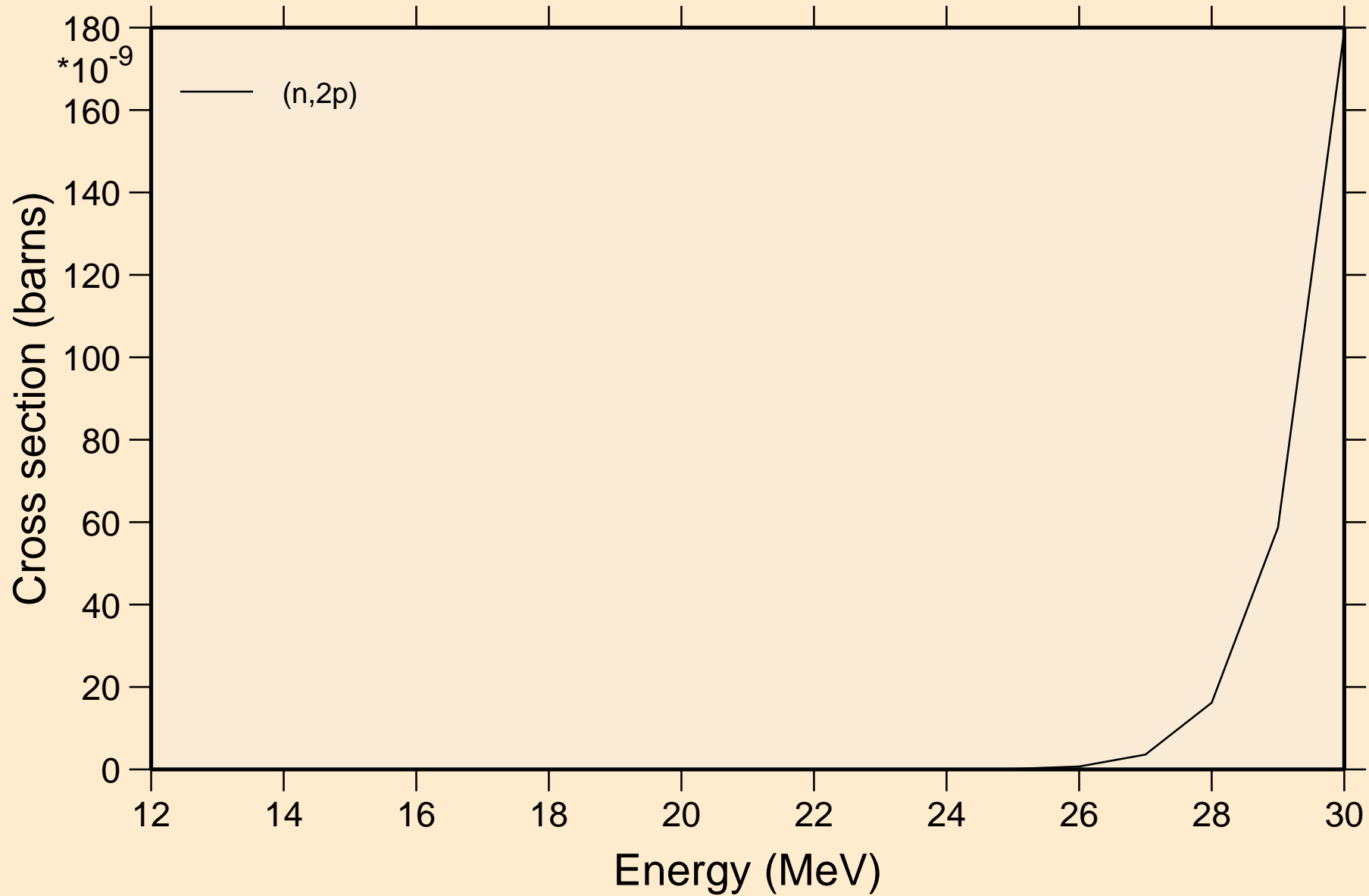


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

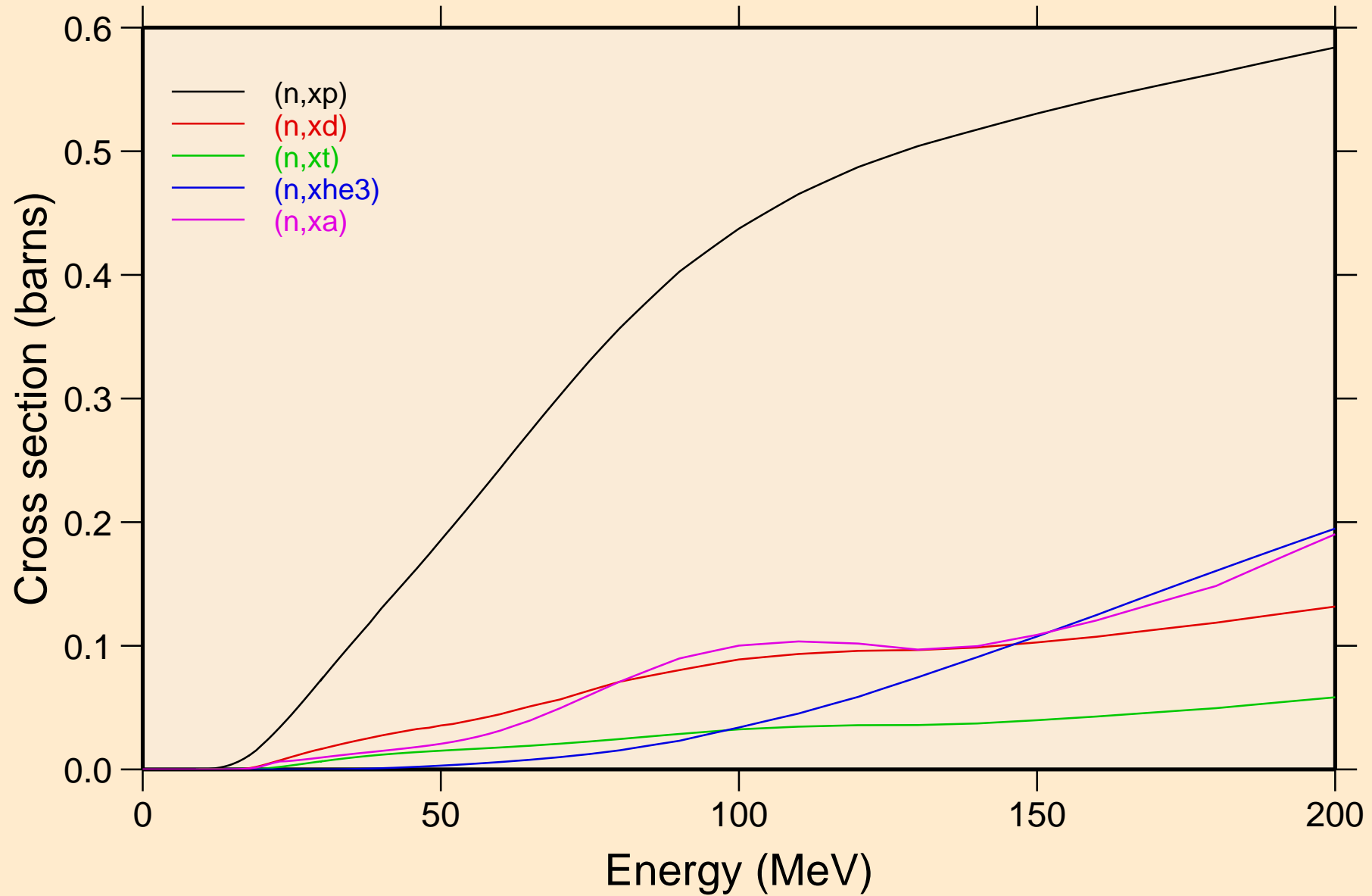
## Threshold reactions



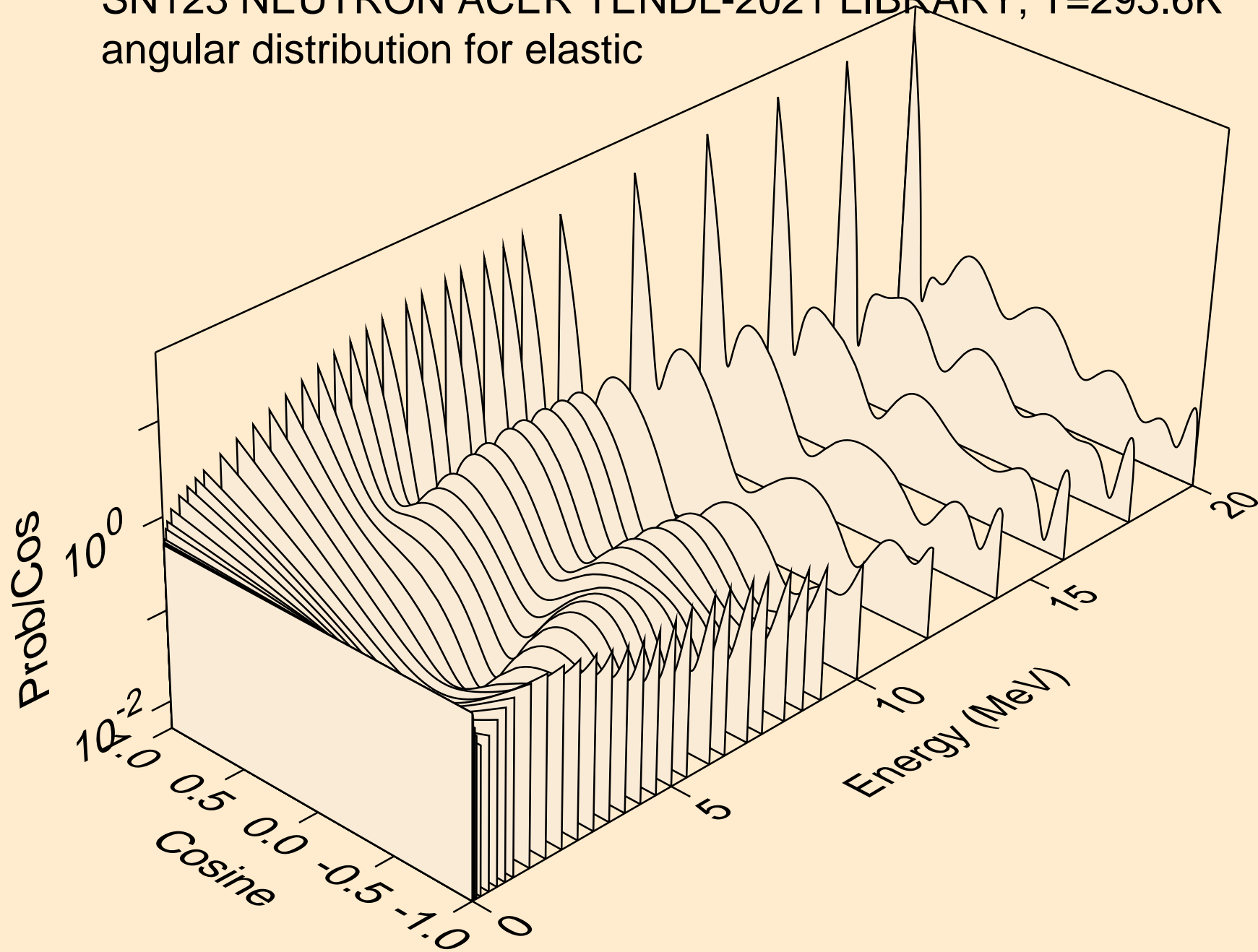
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



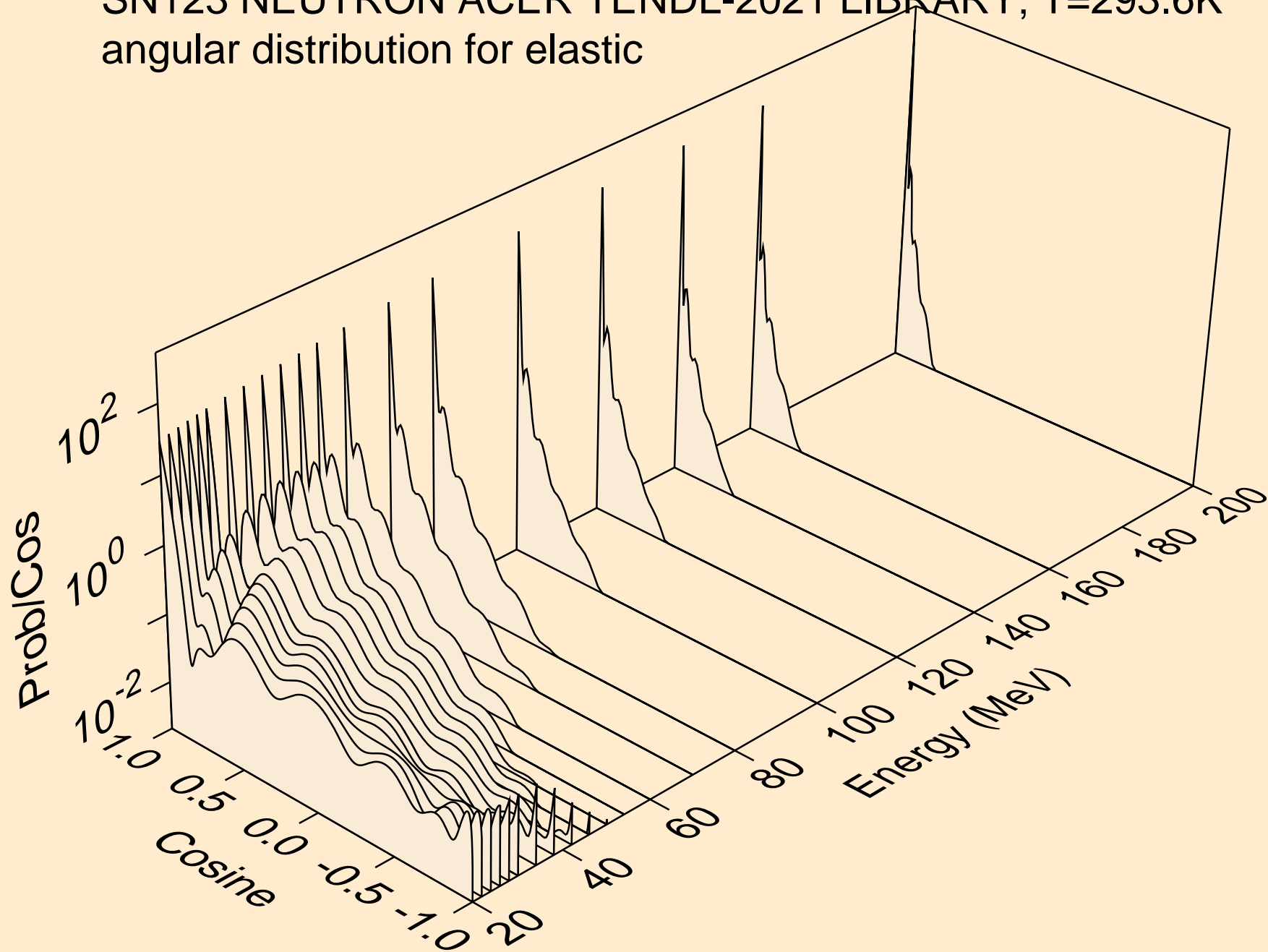
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



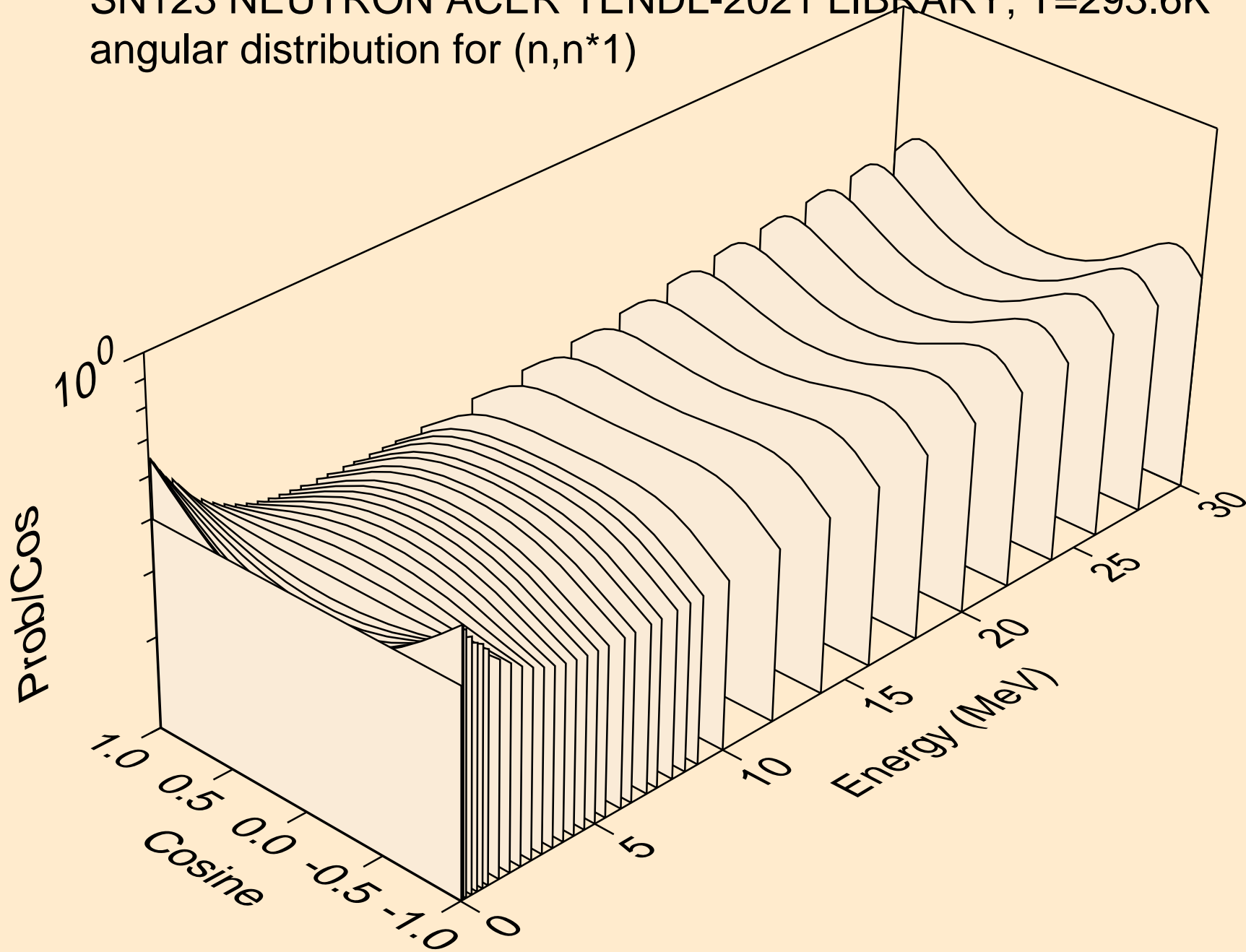
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



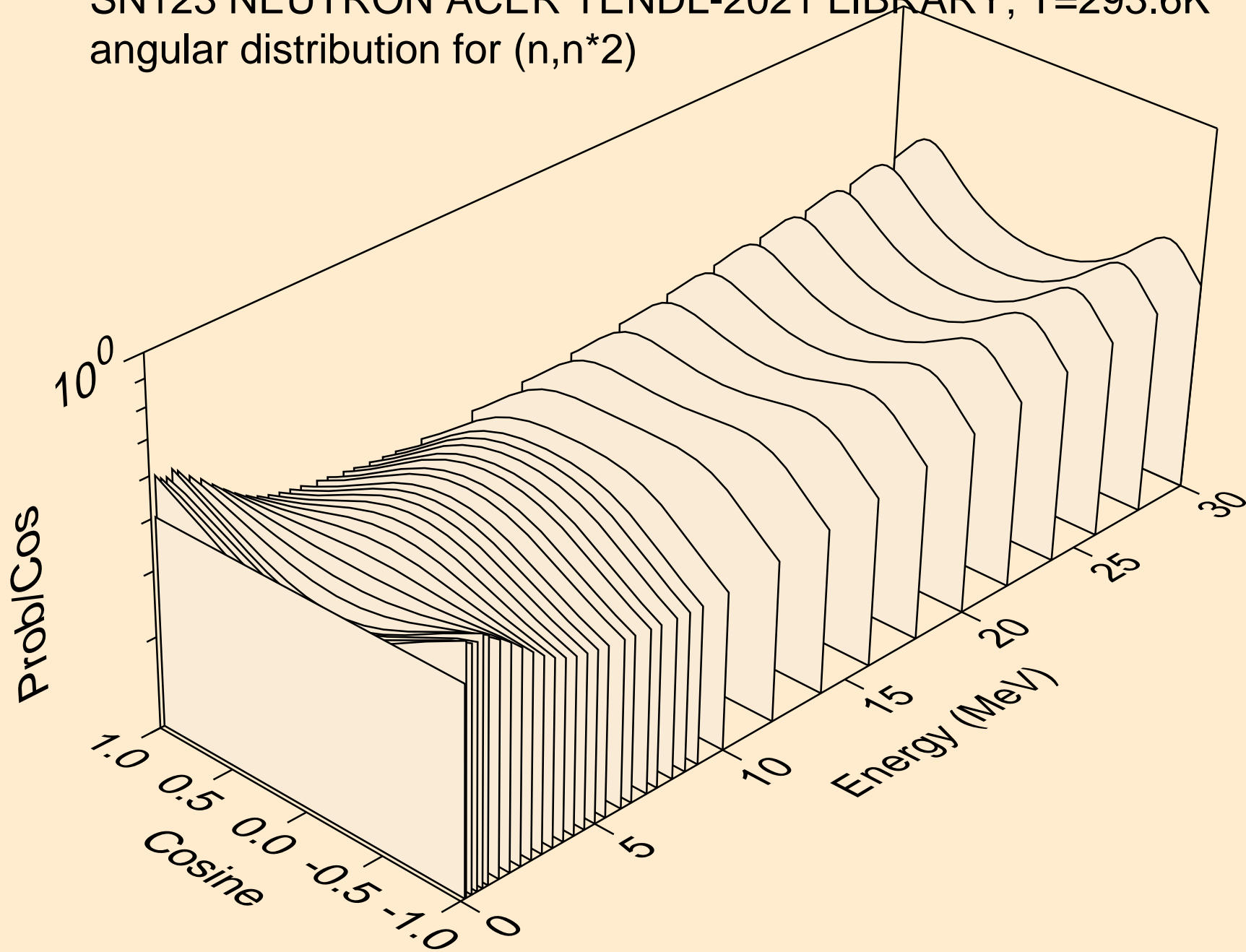
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



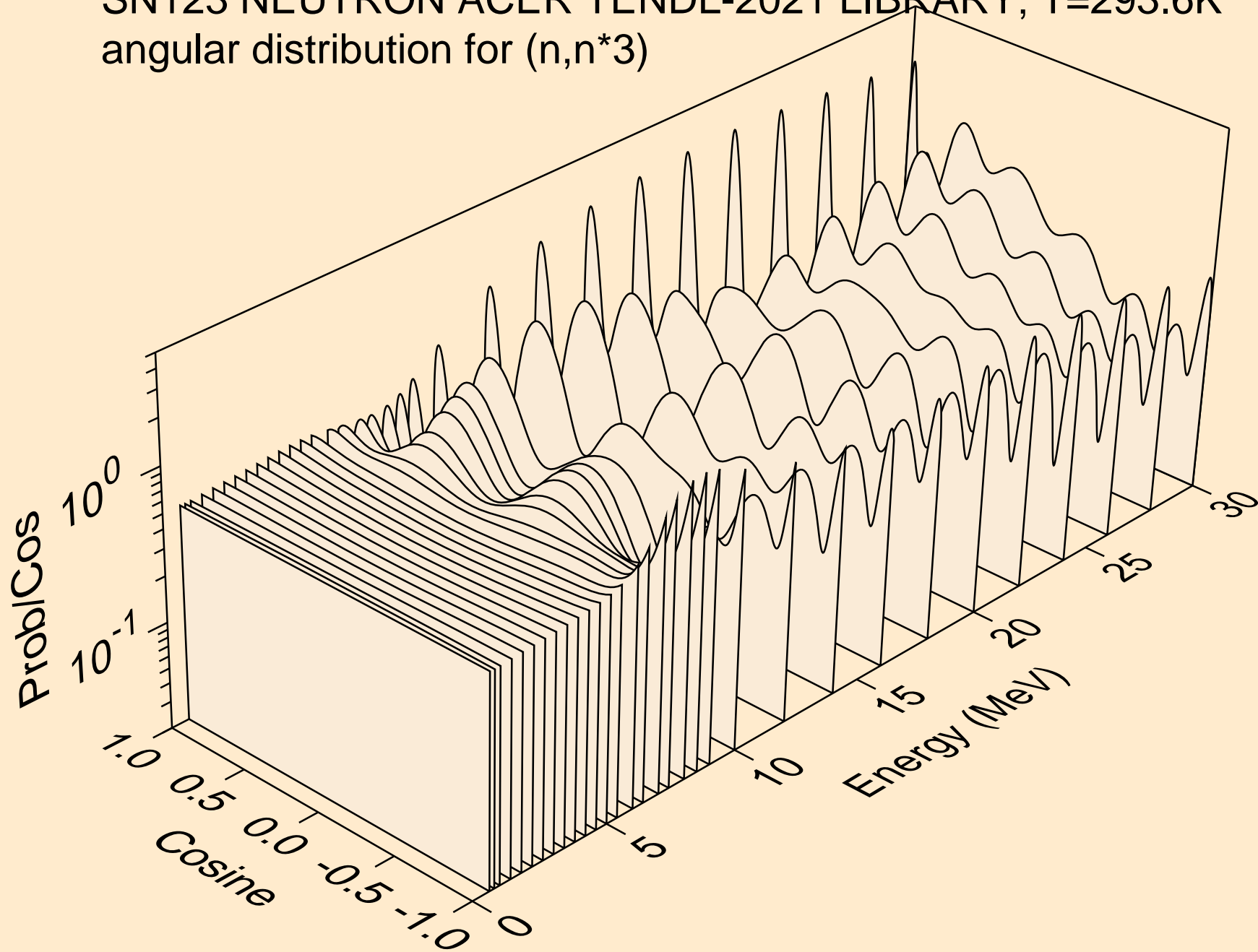
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



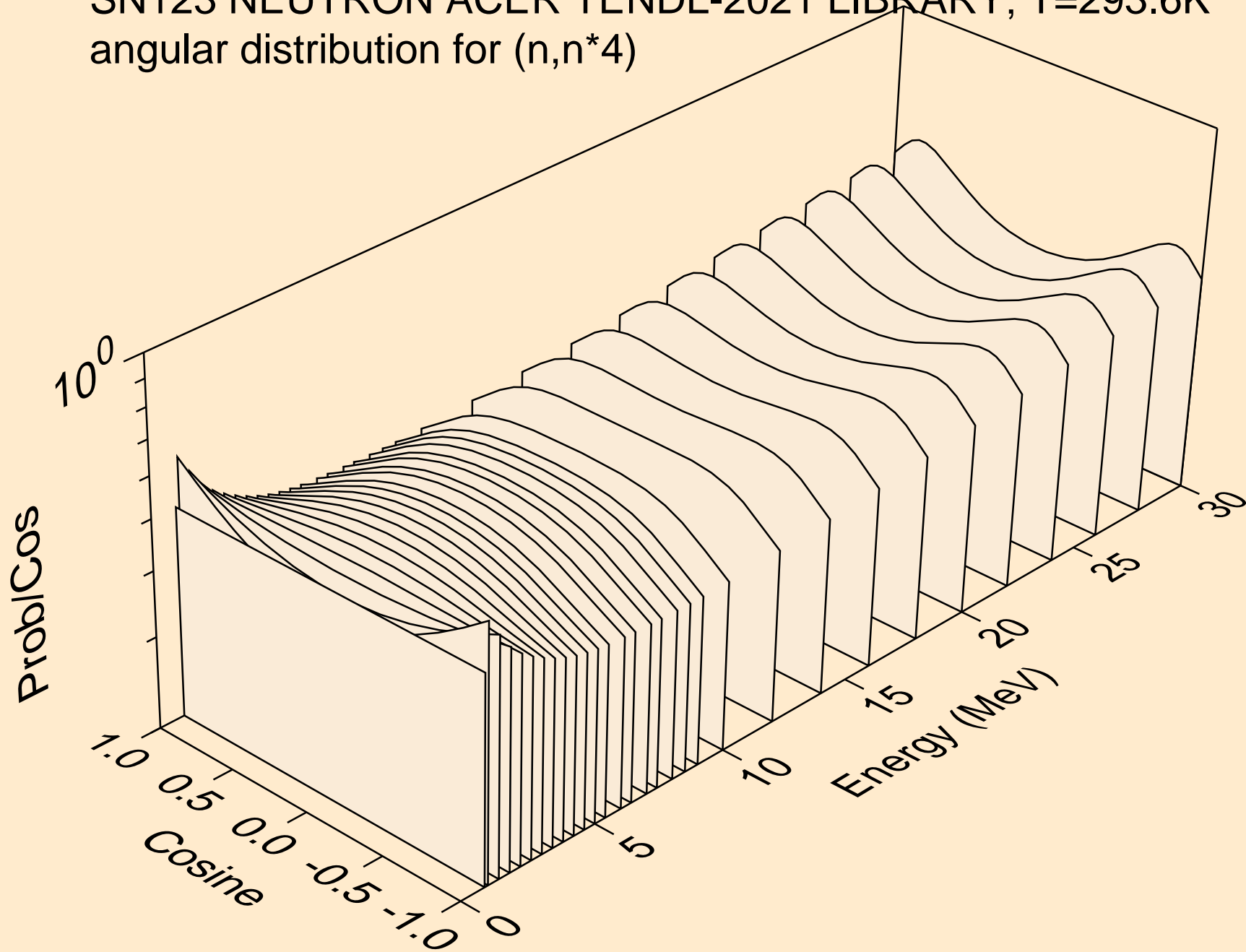
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



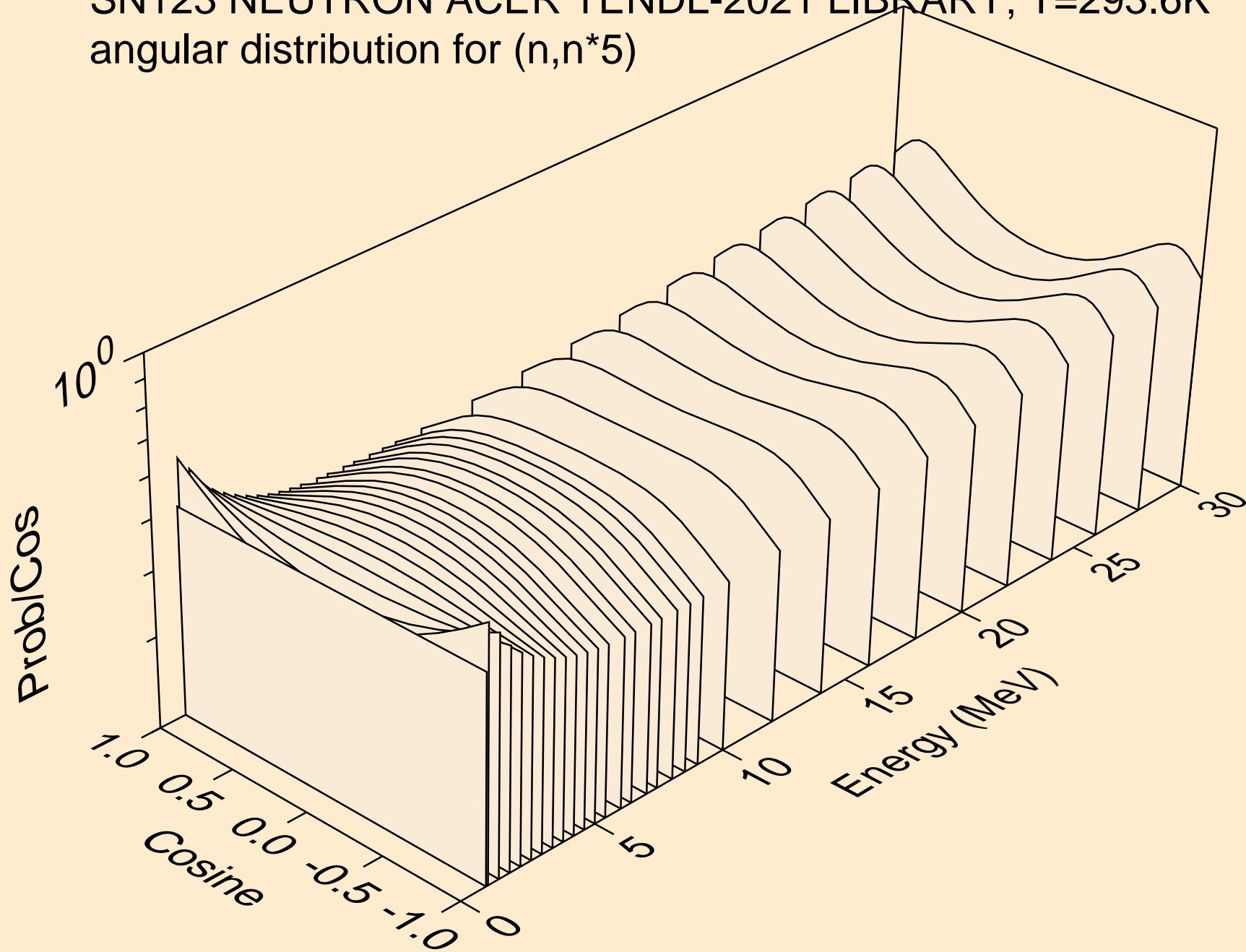
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



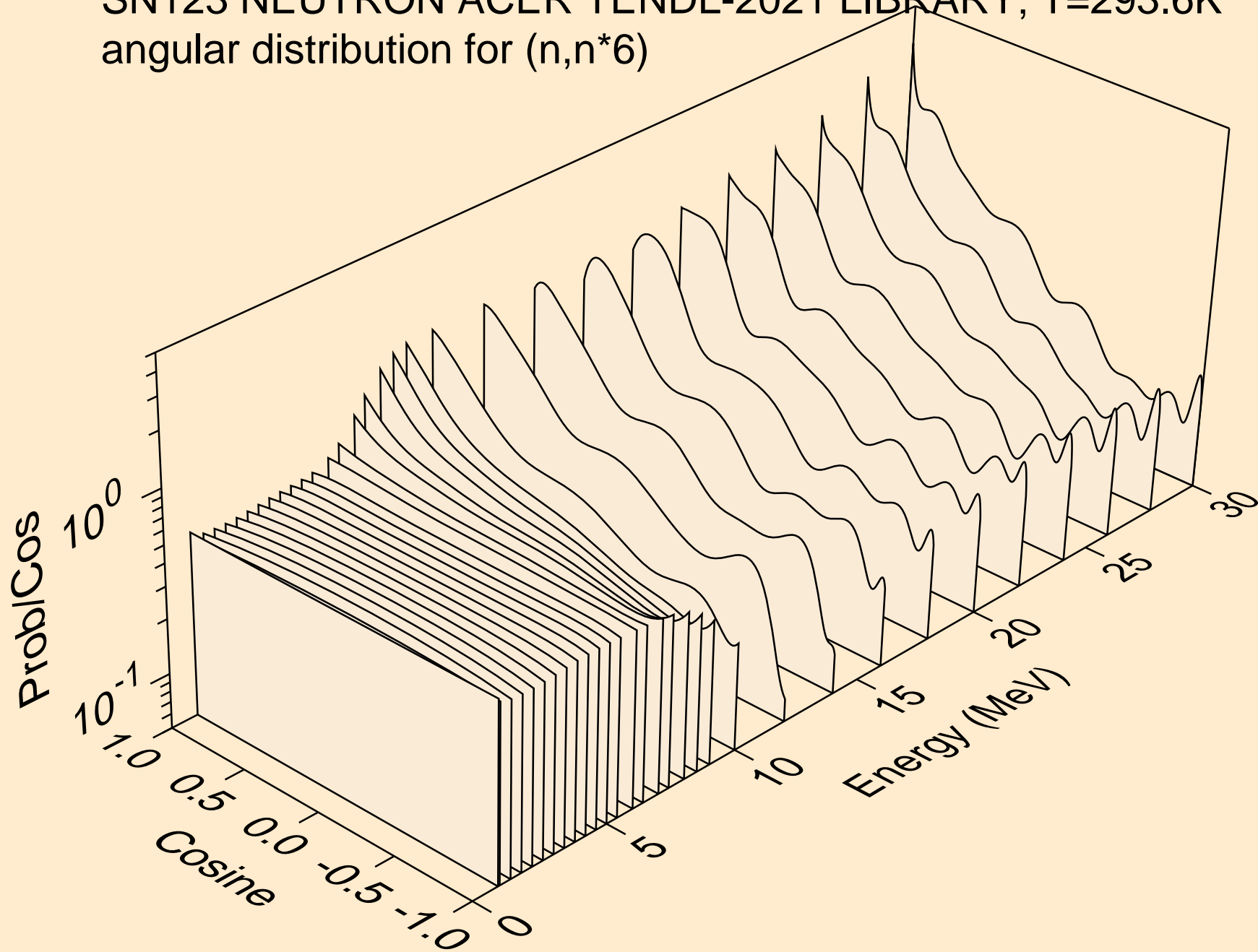
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



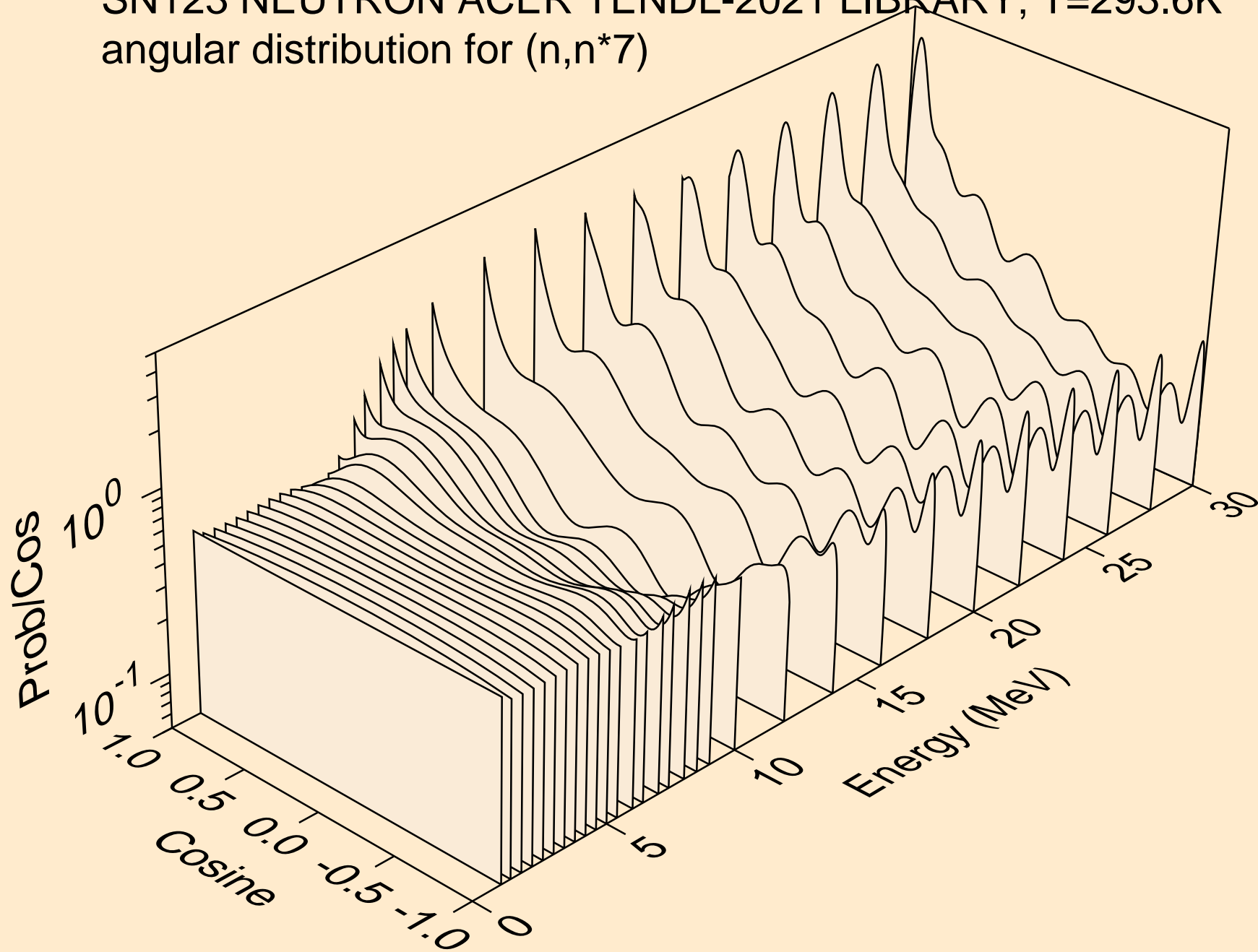
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angular distribution for (n,n\*5)



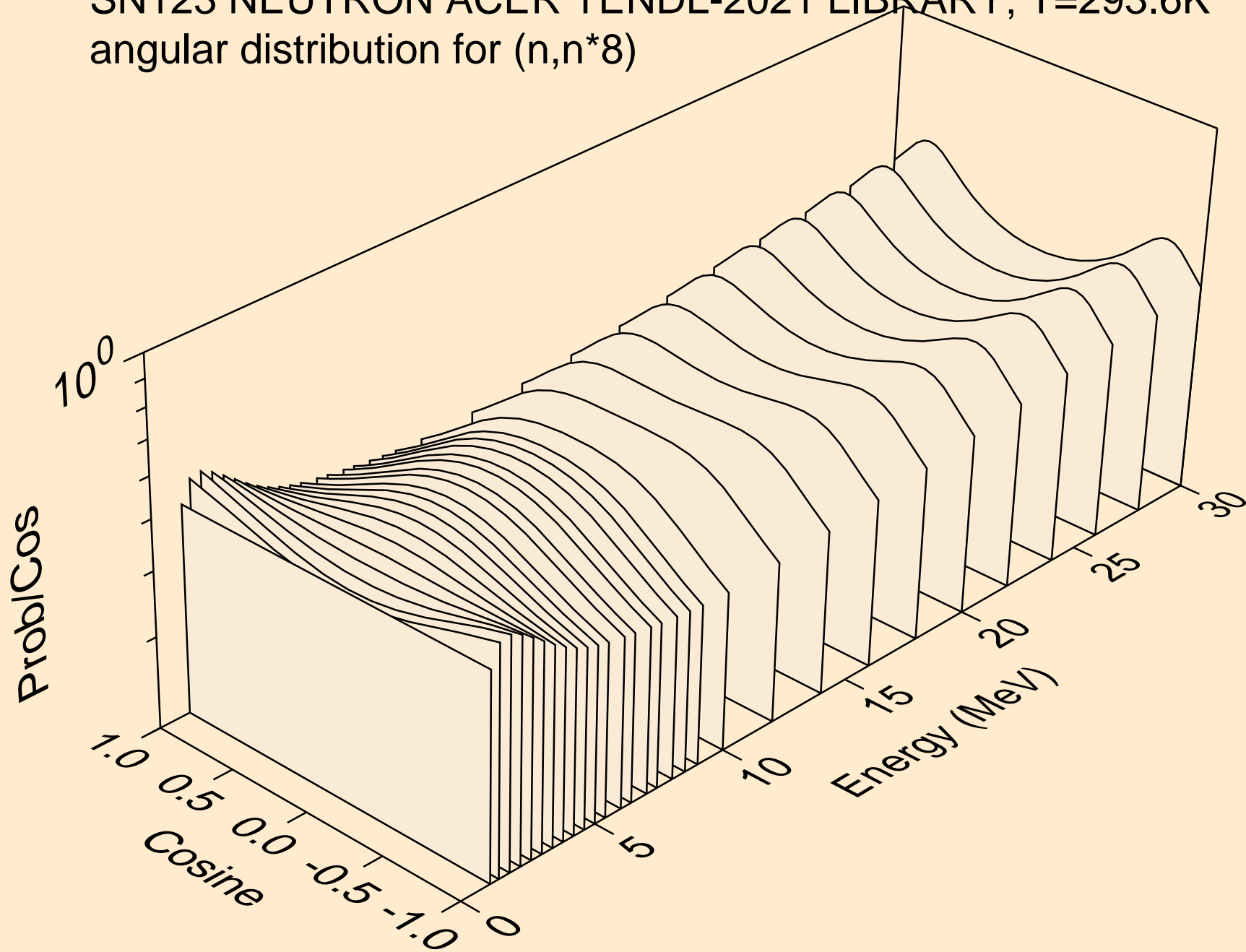
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angular distribution for (n,n\*6)



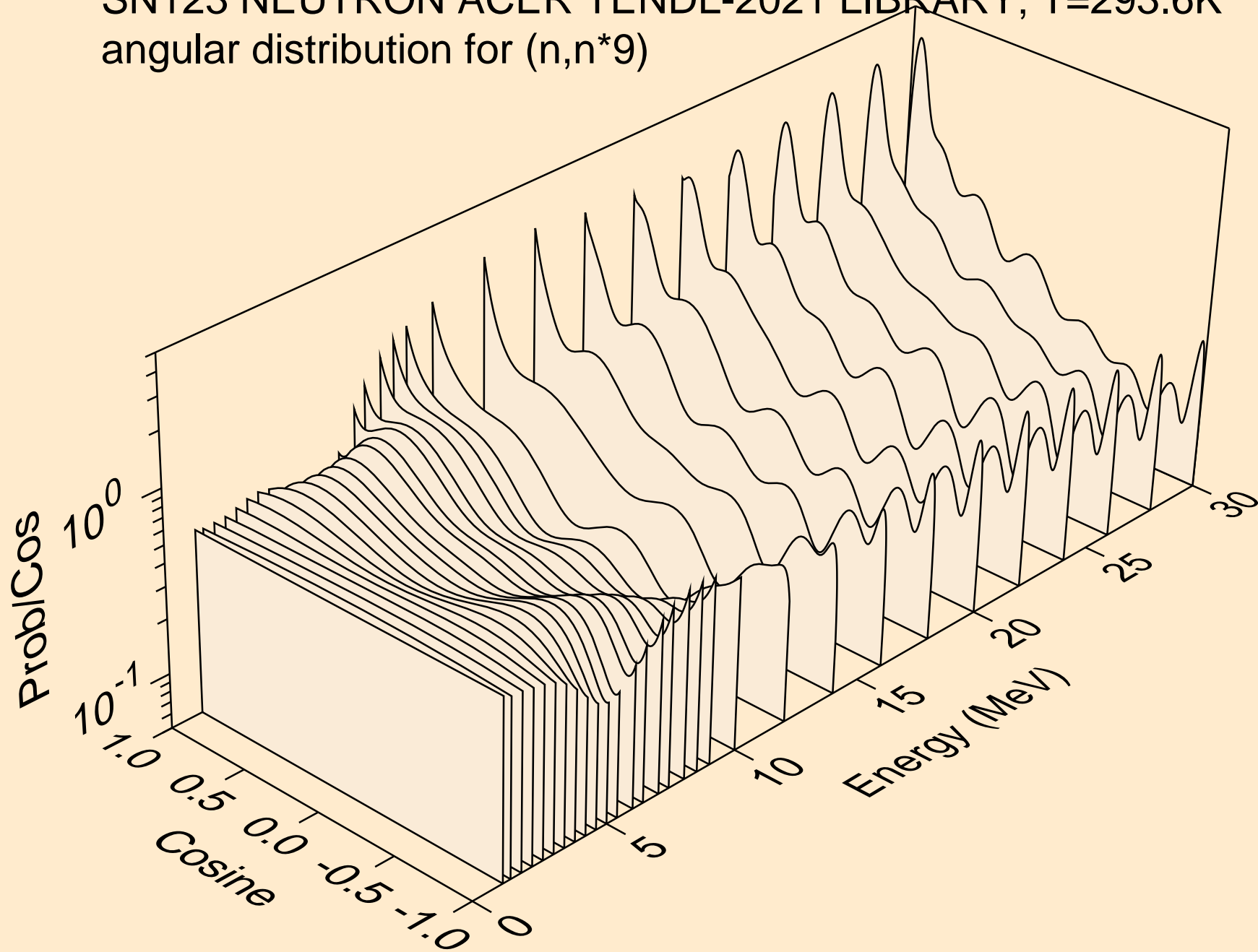
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angular distribution for (n,n\*7)



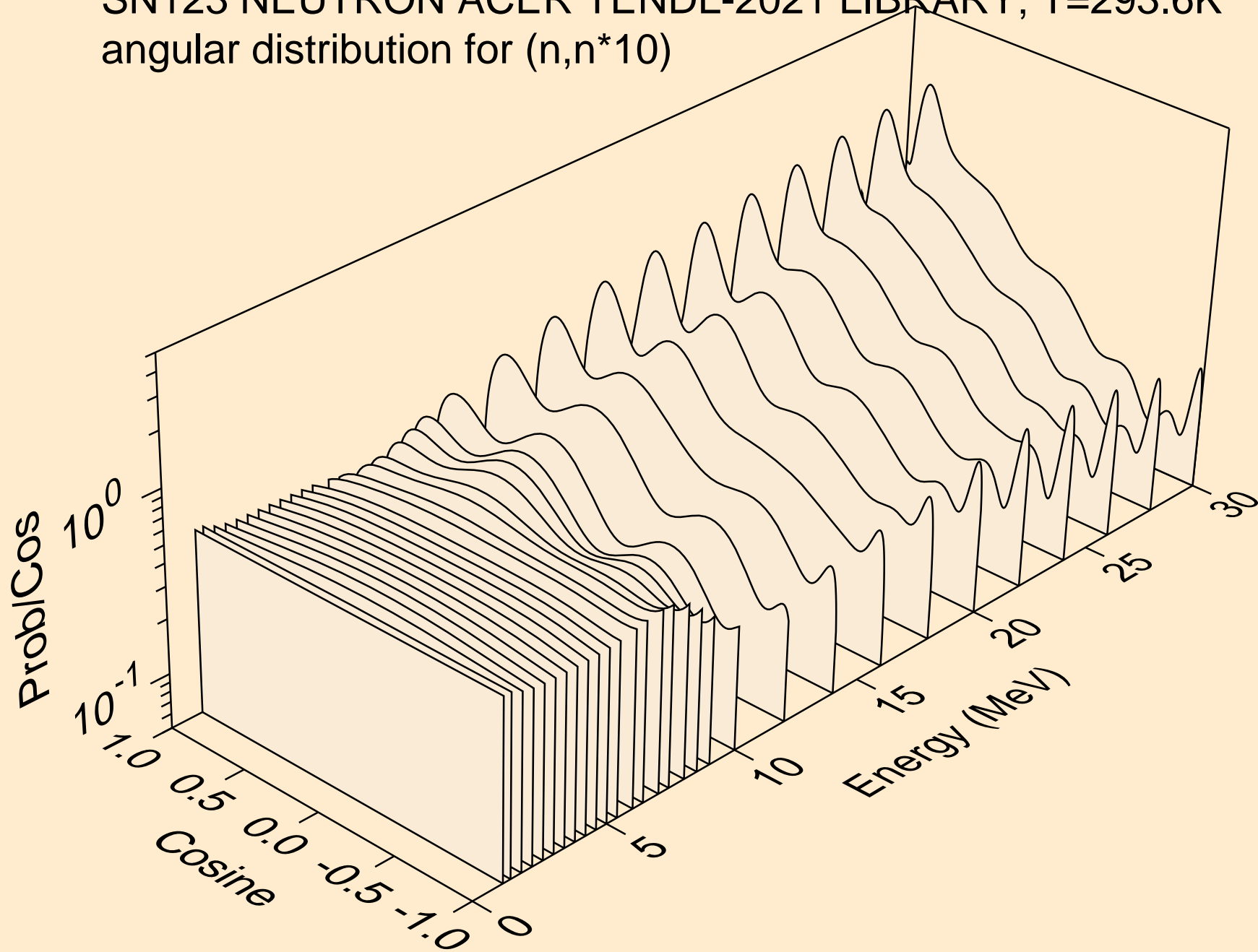
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angular distribution for (n,n\*8)



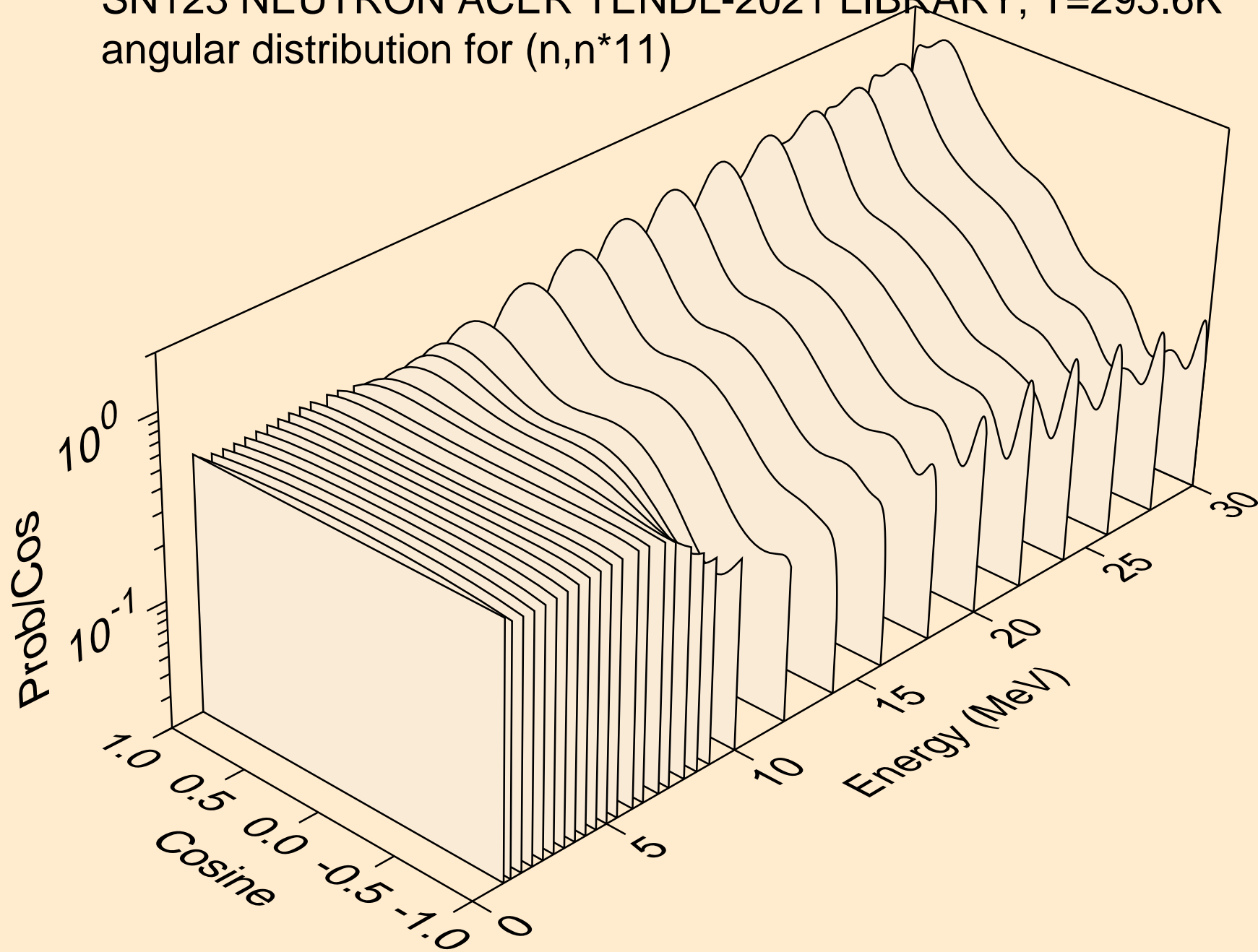
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angular distribution for (n,n\*9)



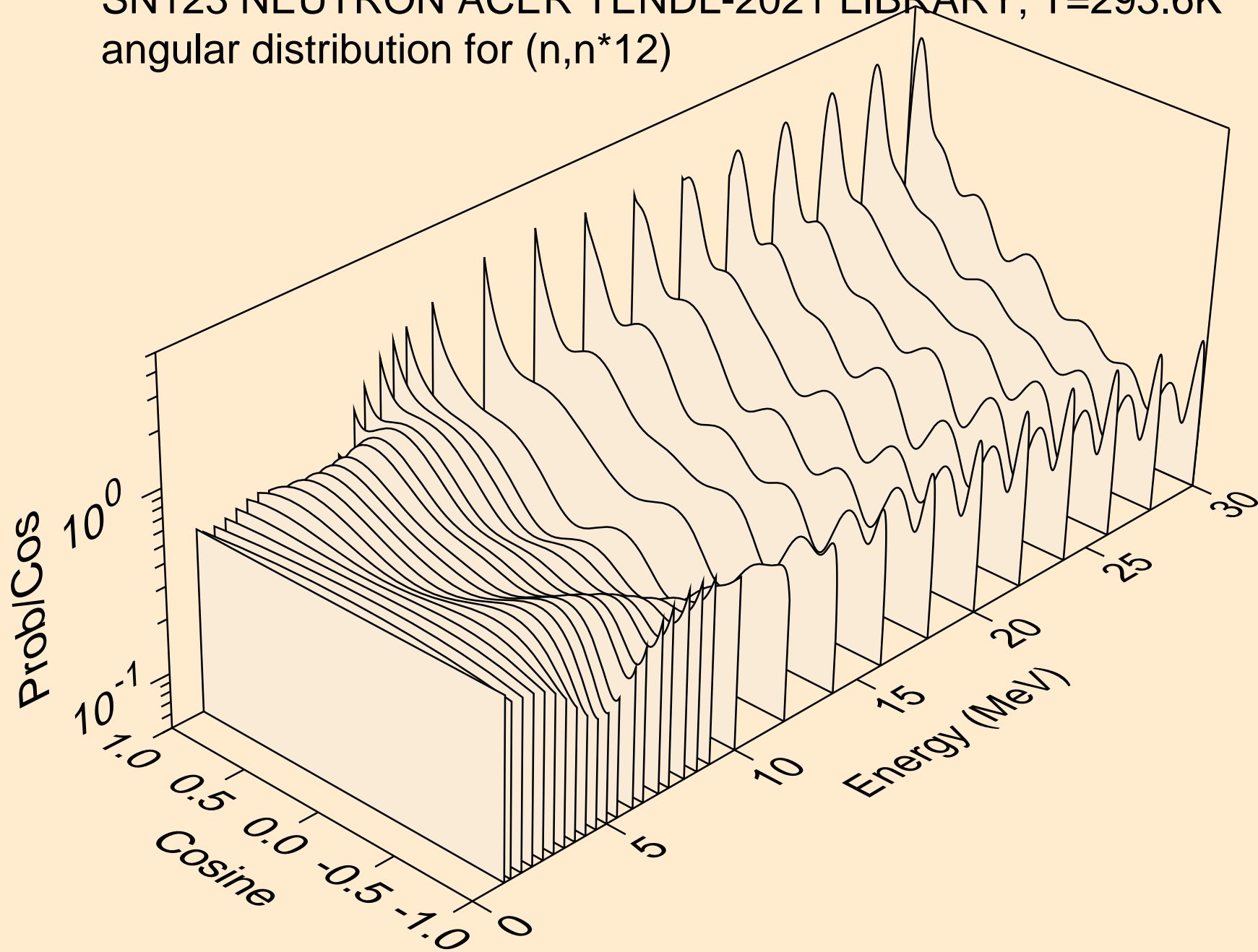
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angular distribution for (n,n\*10)



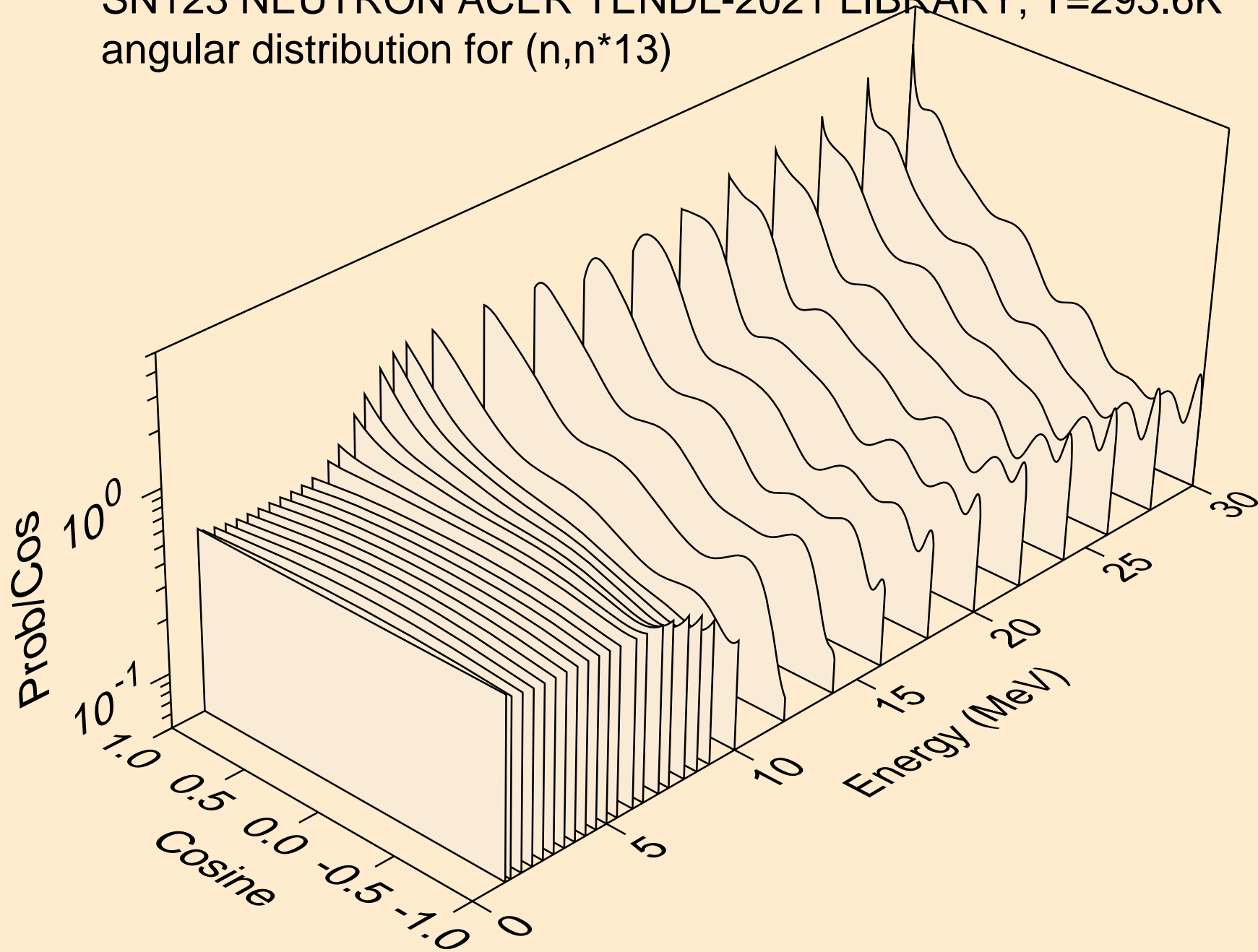
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



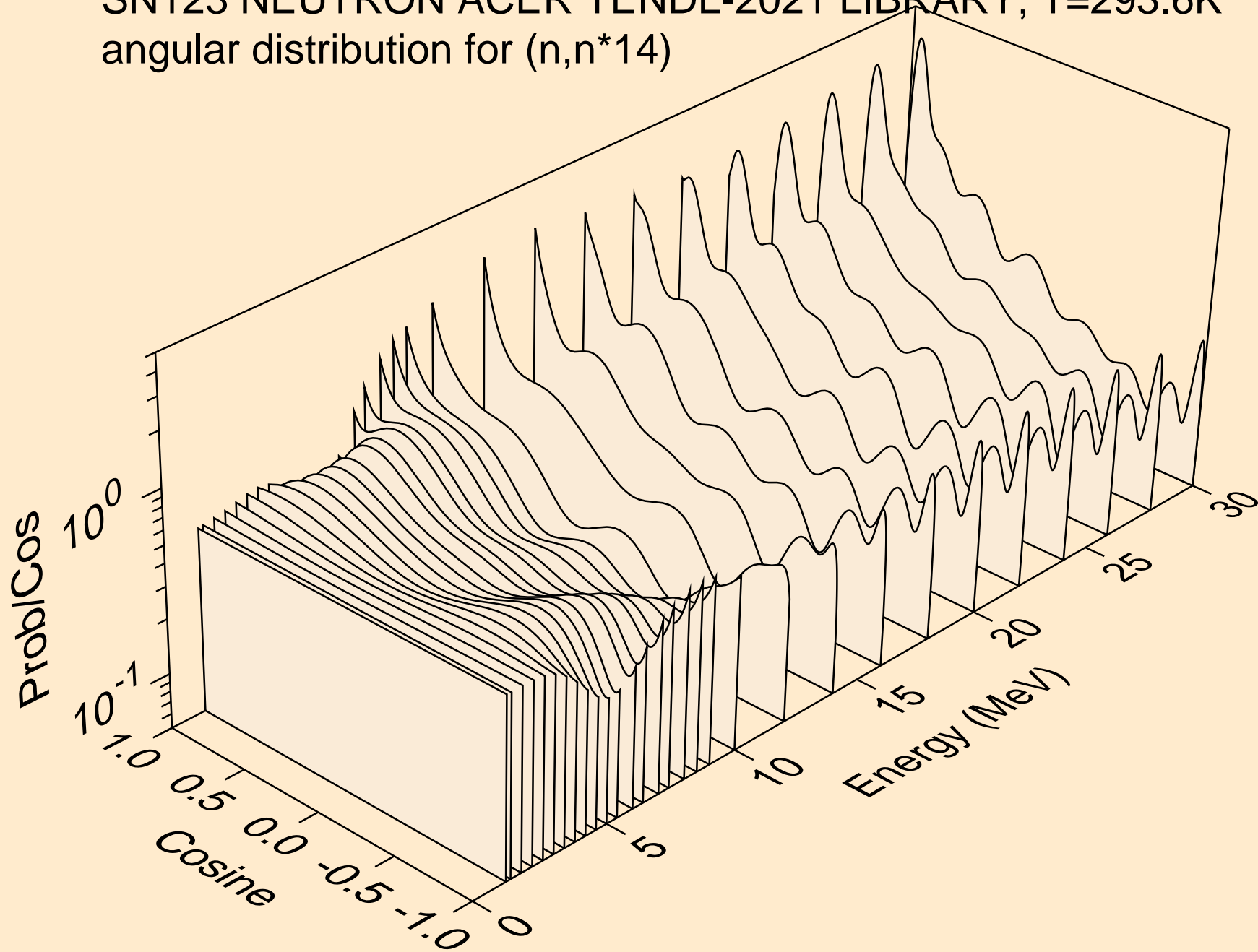
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



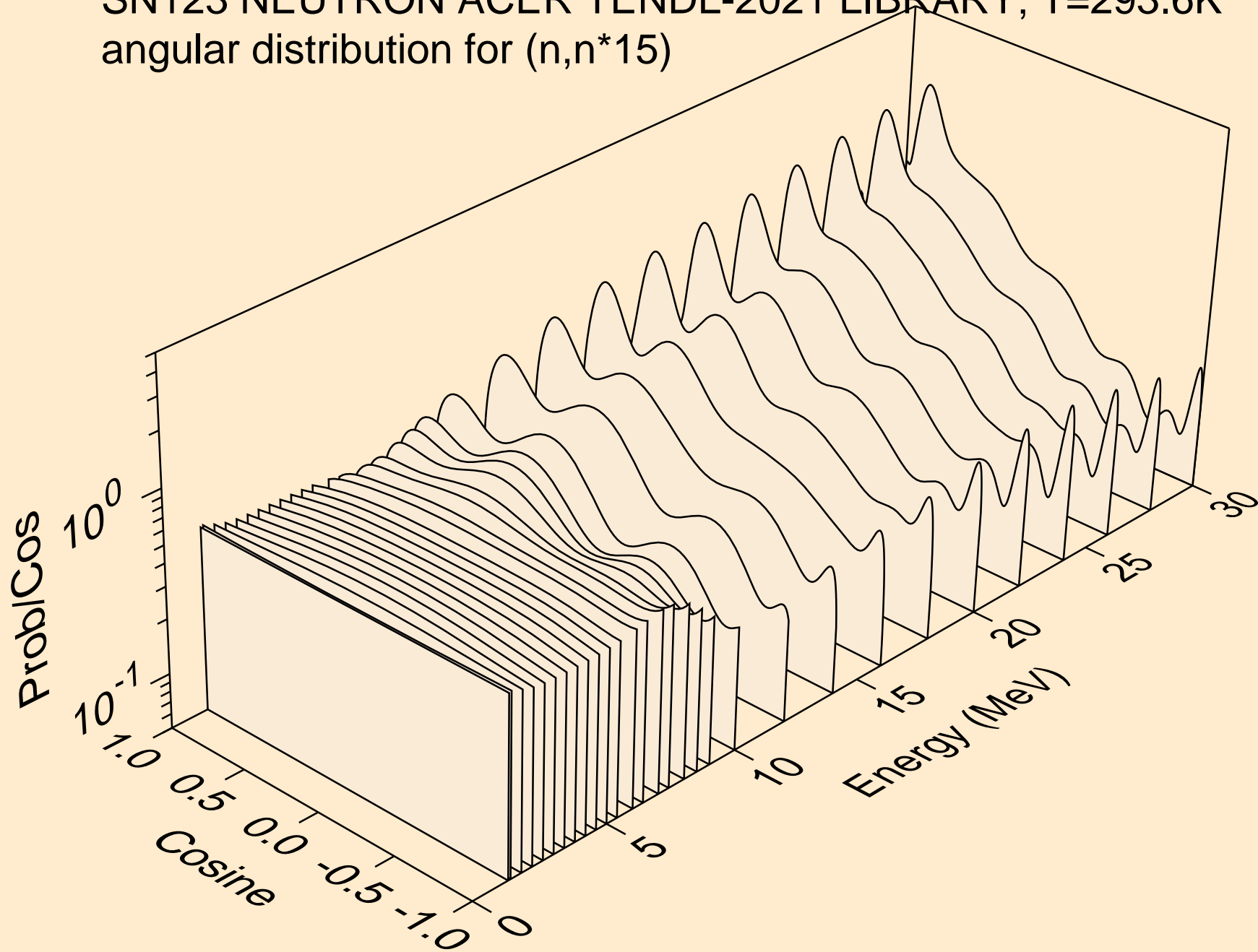
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angular distribution for (n,n\*13)



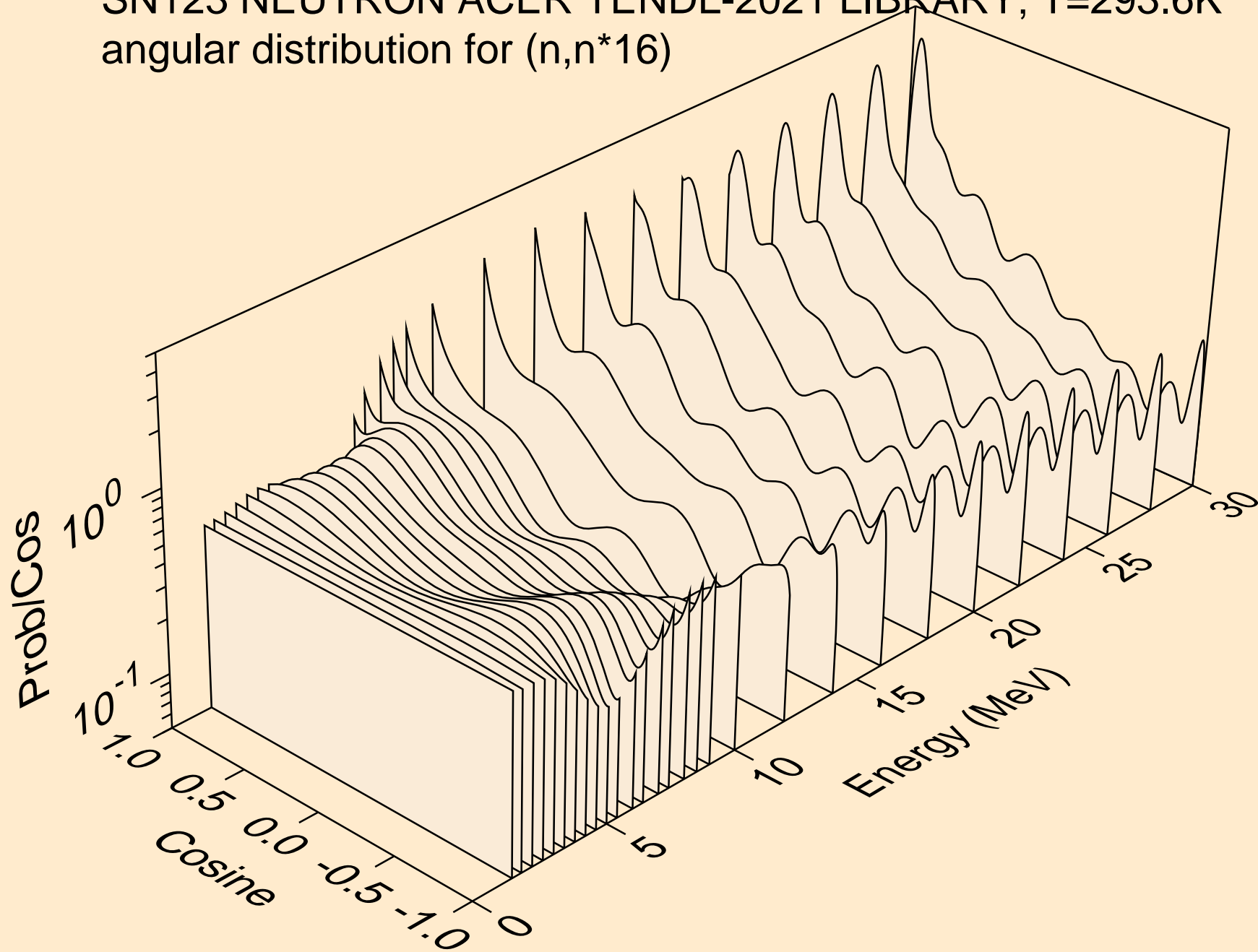
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angular distribution for (n,n\*14)



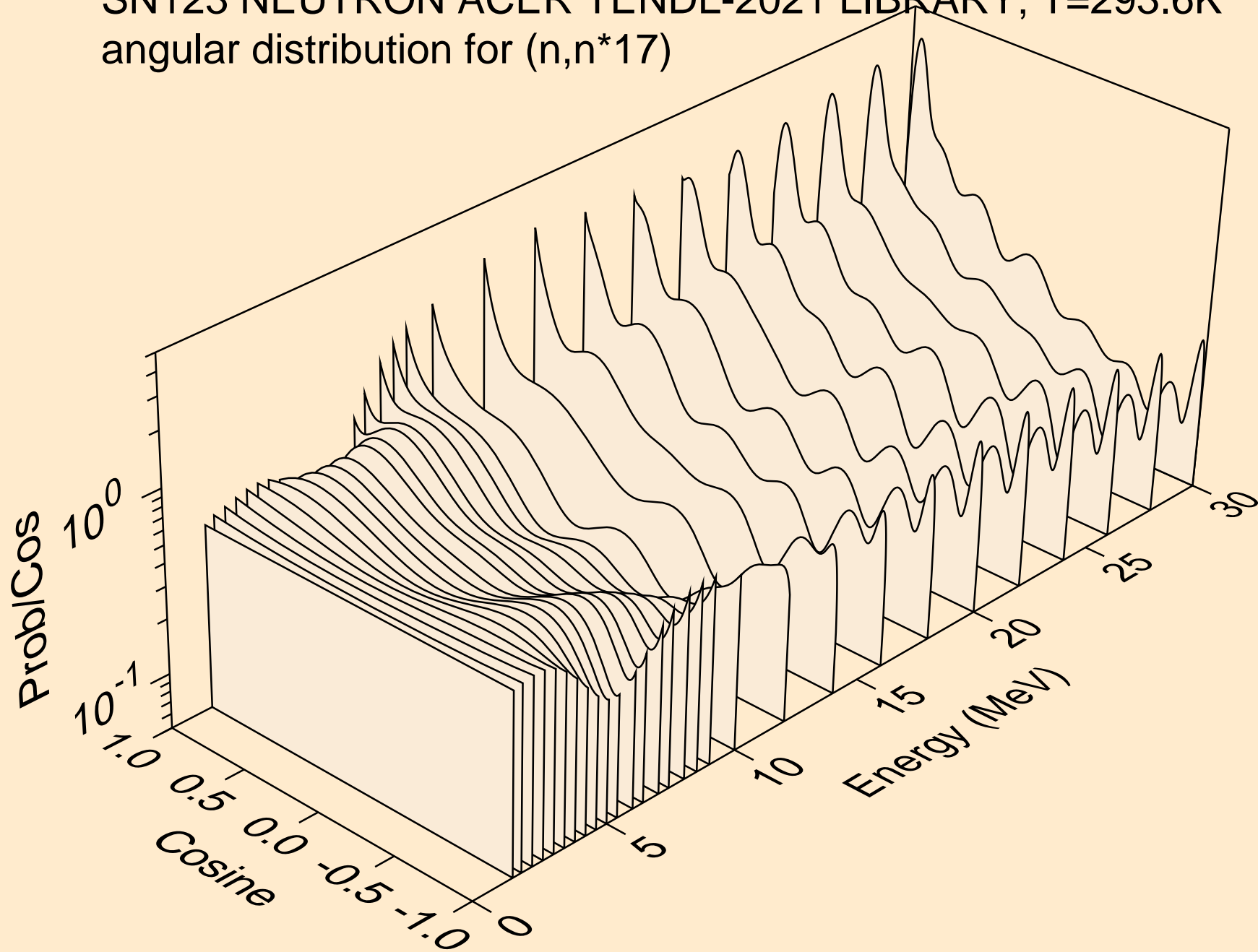
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angular distribution for (n,n\*15)



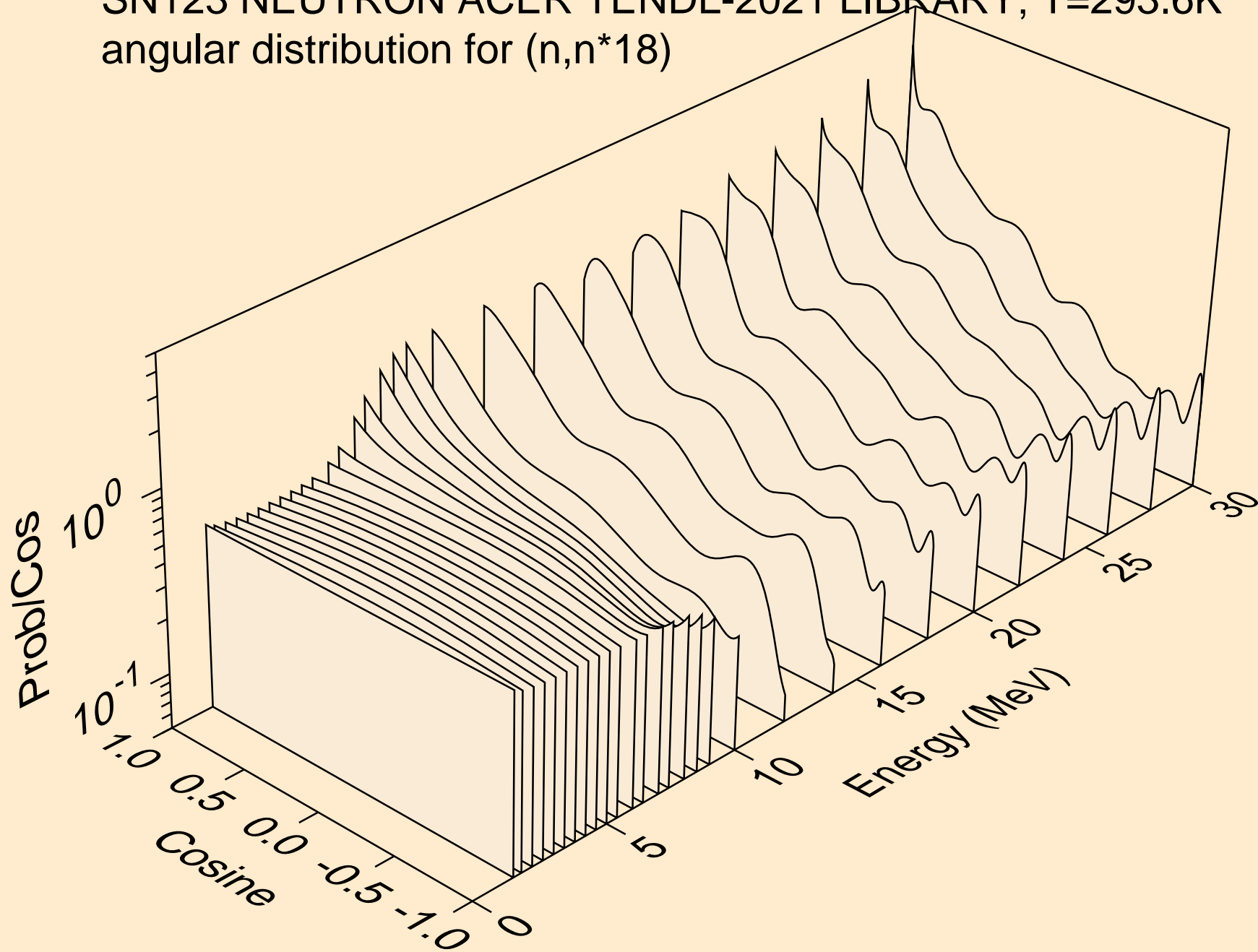
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angular distribution for (n,n\*16)



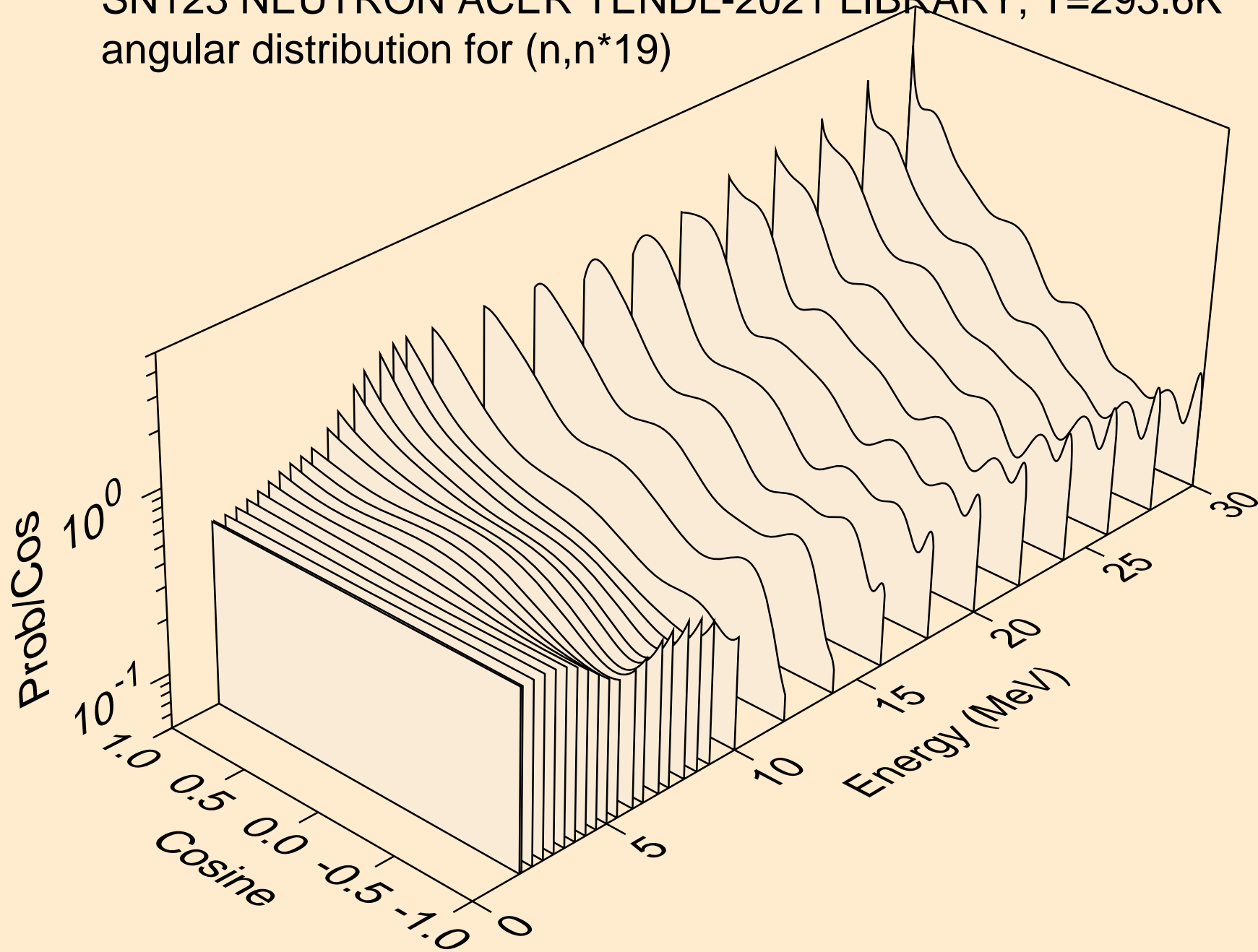
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angular distribution for (n,n\*17)



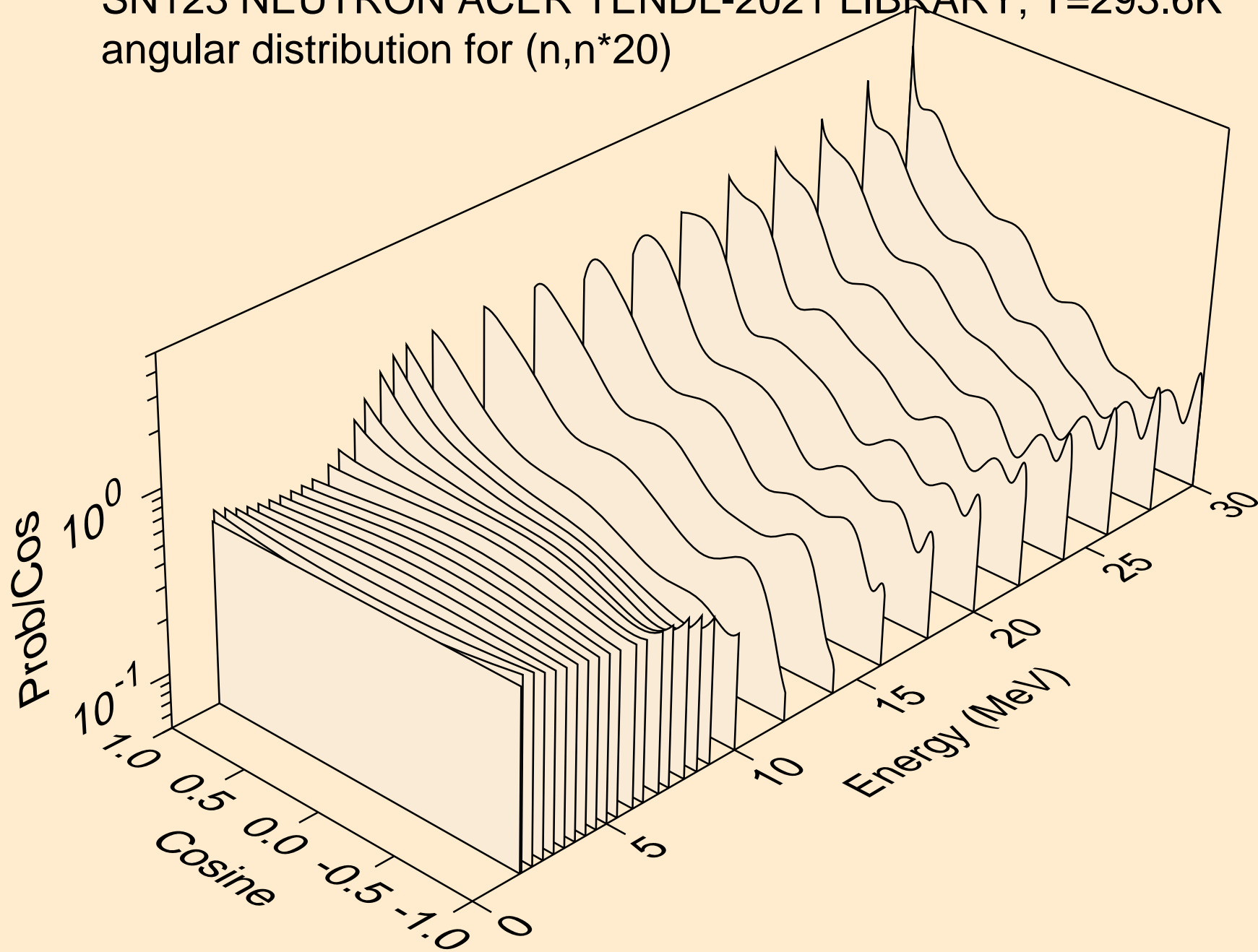
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angular distribution for (n,n\*18)



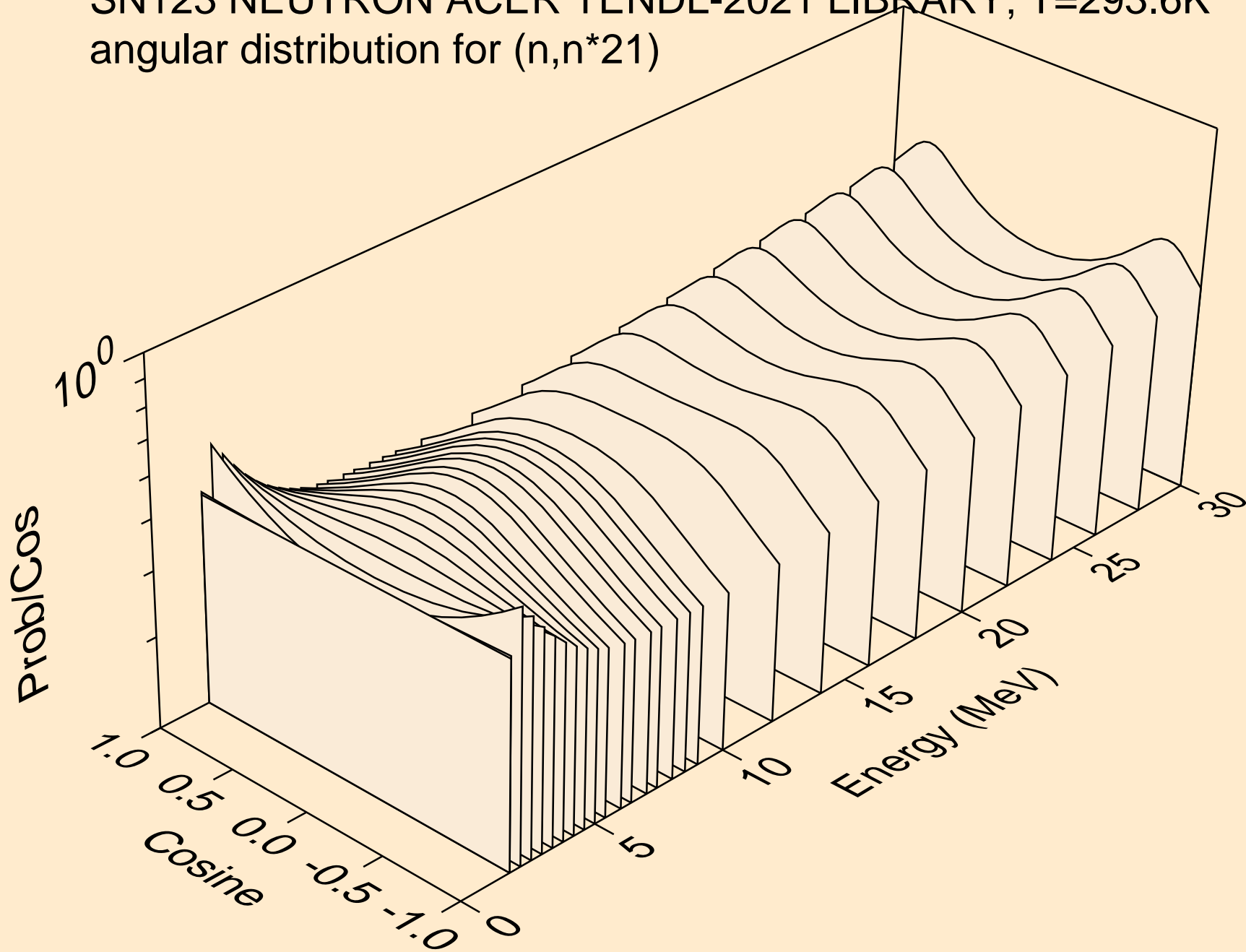
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angular distribution for (n,n\*19)



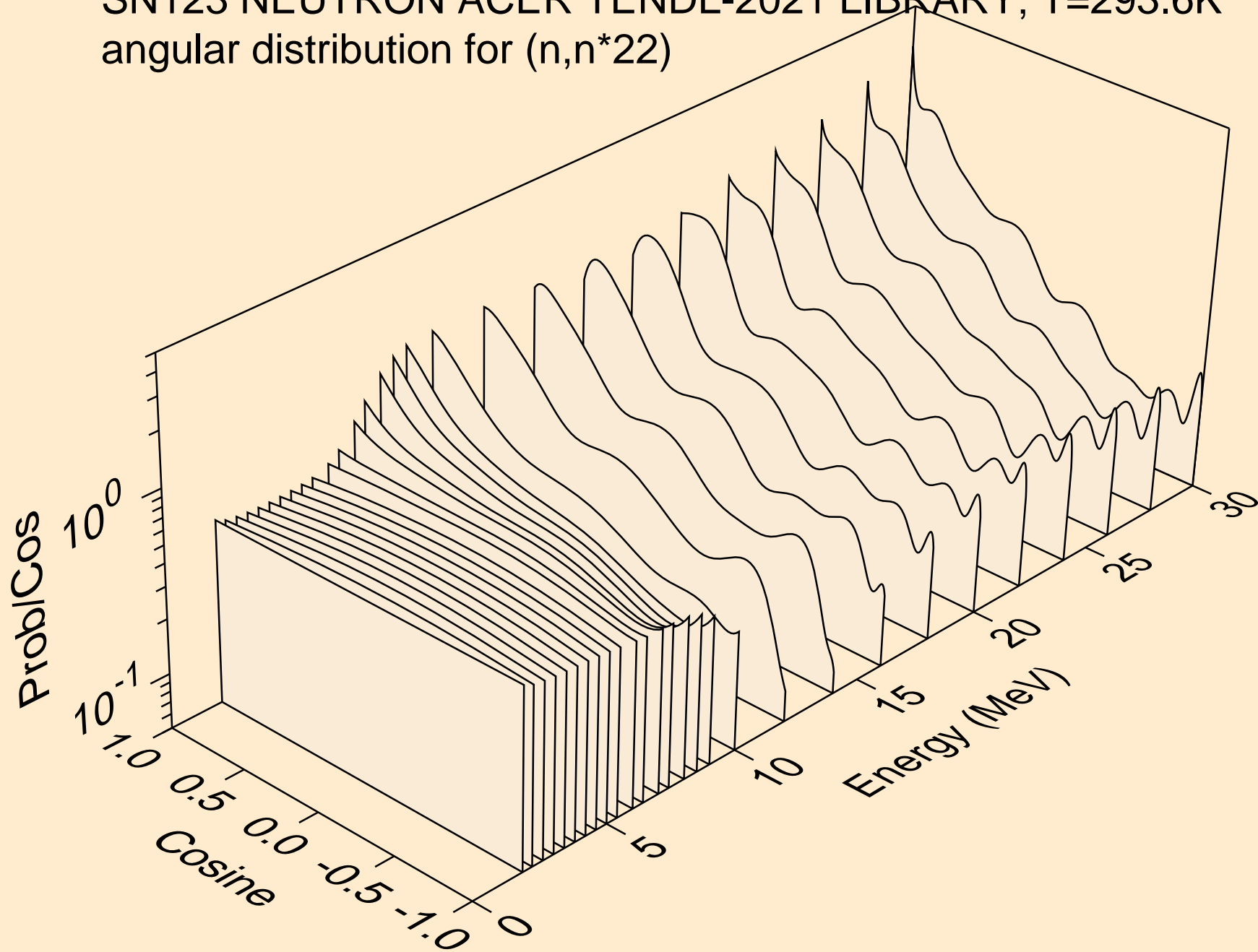
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angular distribution for (n,n\*20)



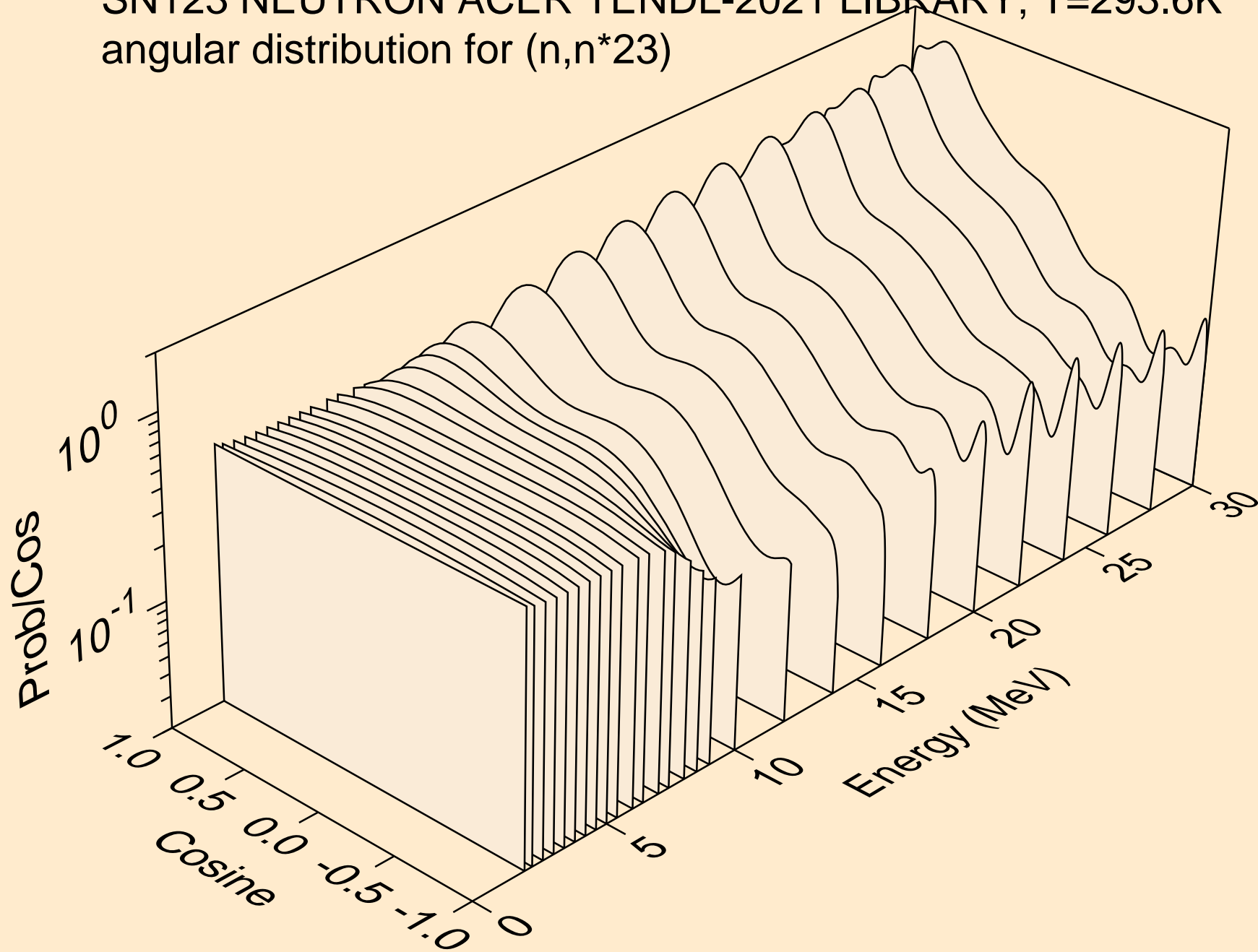
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angular distribution for (n,n\*21)



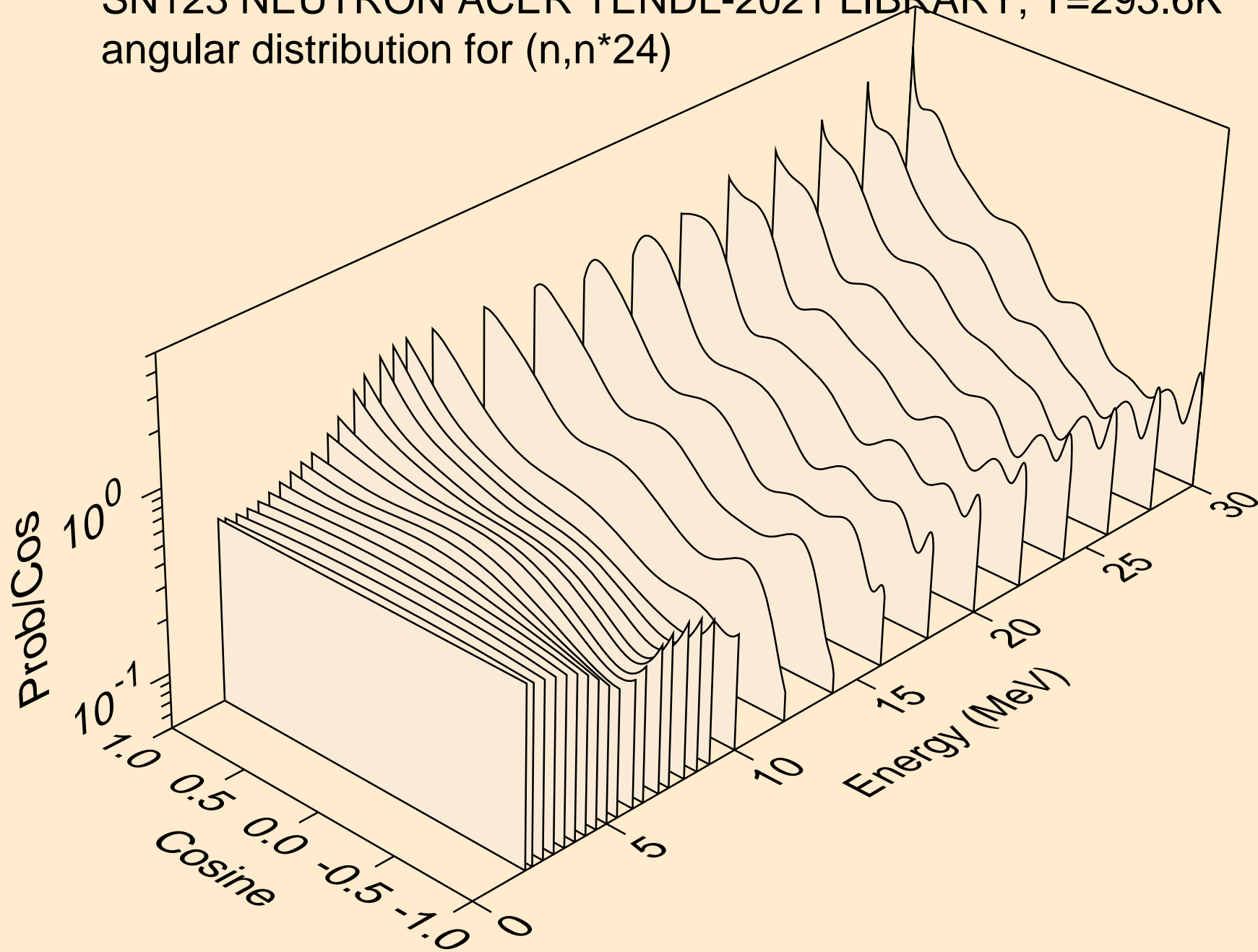
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angular distribution for (n,n\*22)



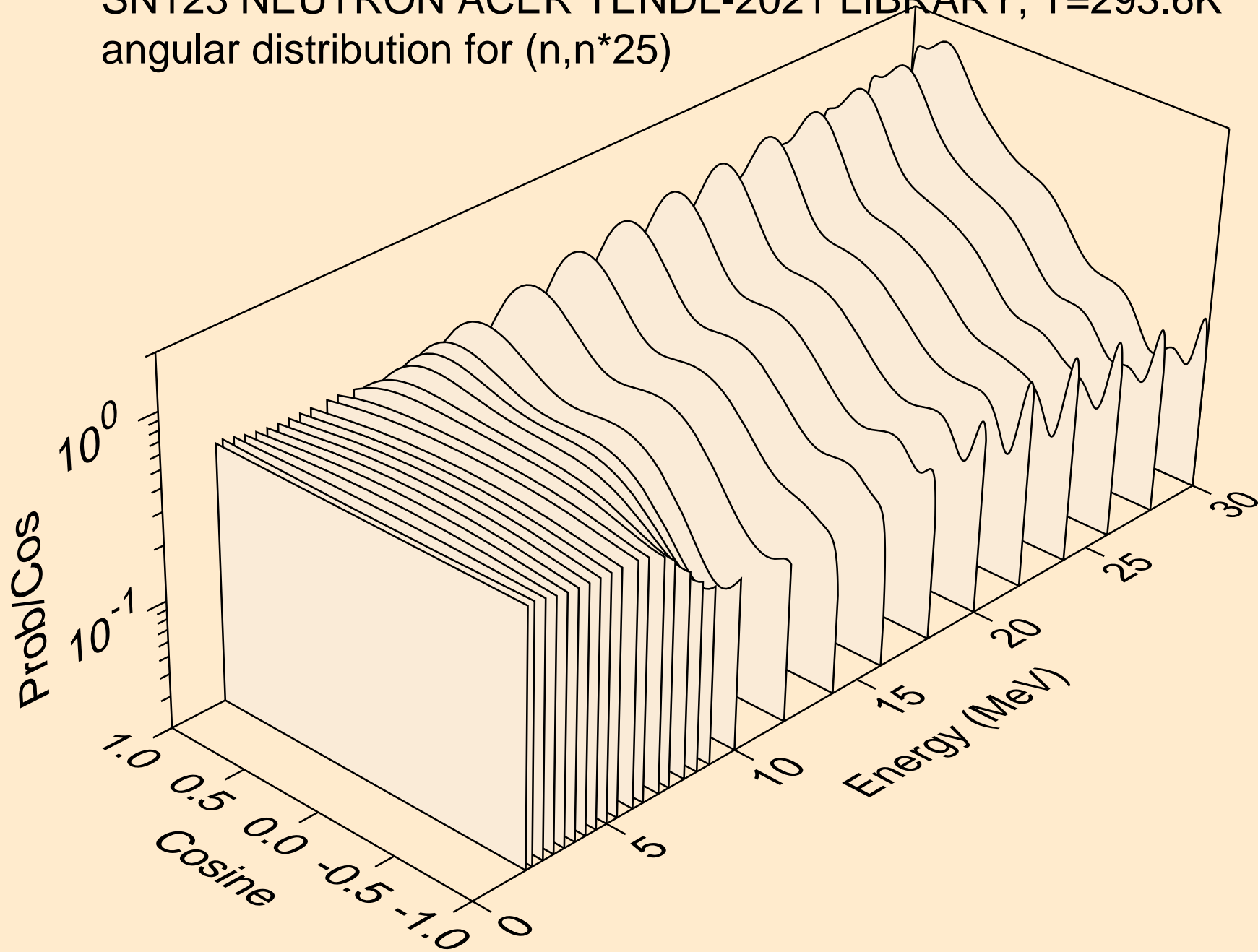
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angular distribution for (n,n\*23)



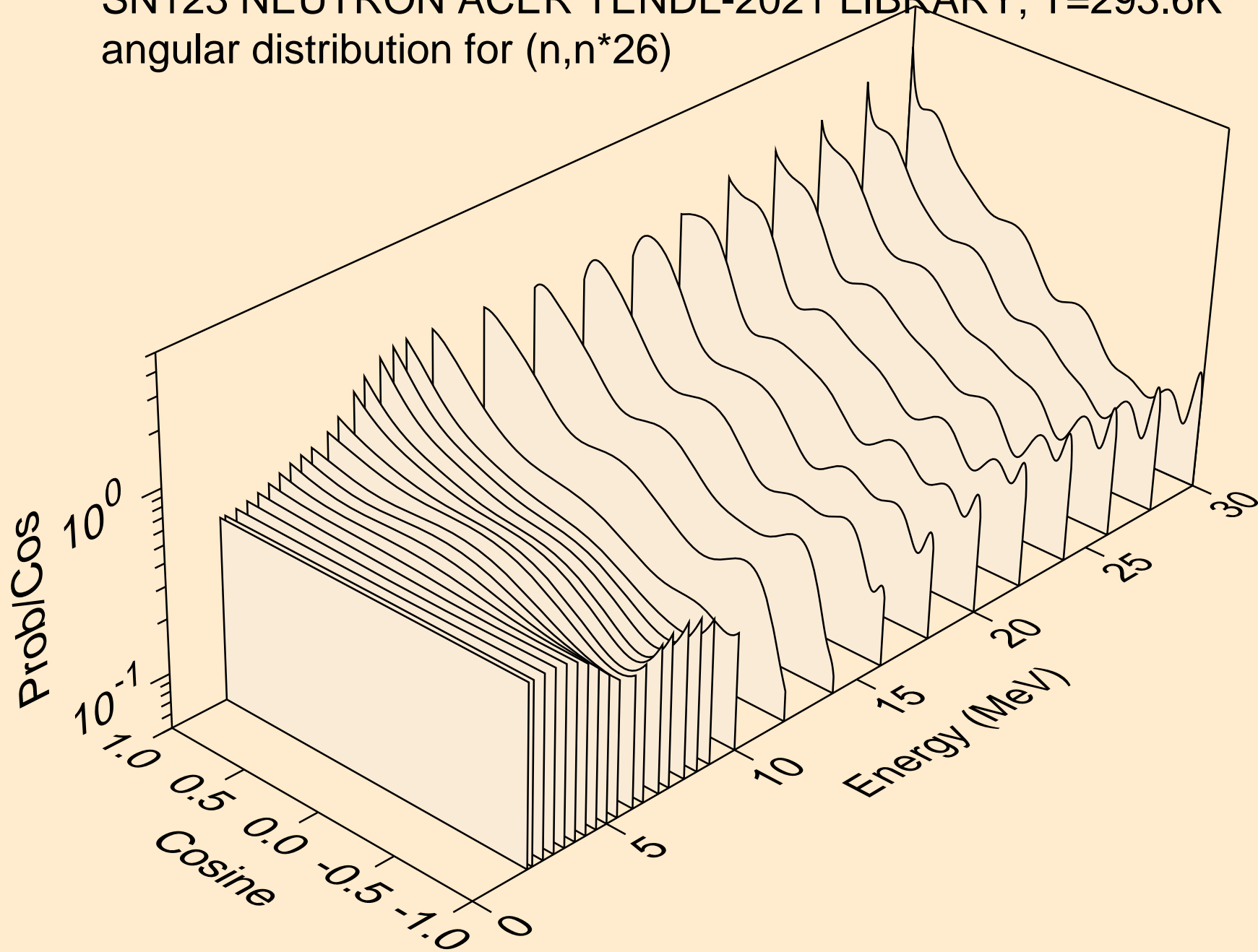
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angular distribution for (n,n\*24)



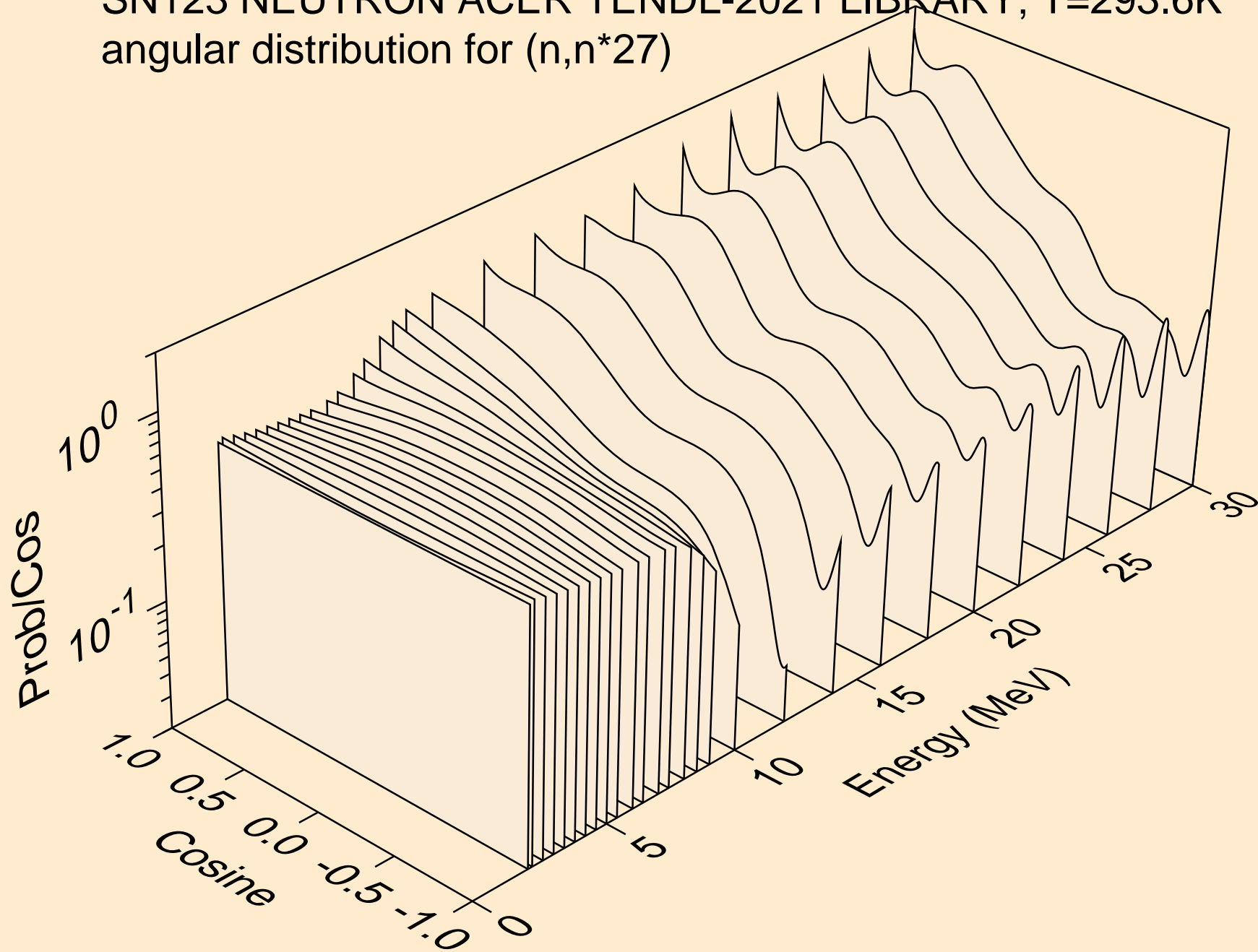
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angular distribution for (n,n\*25)



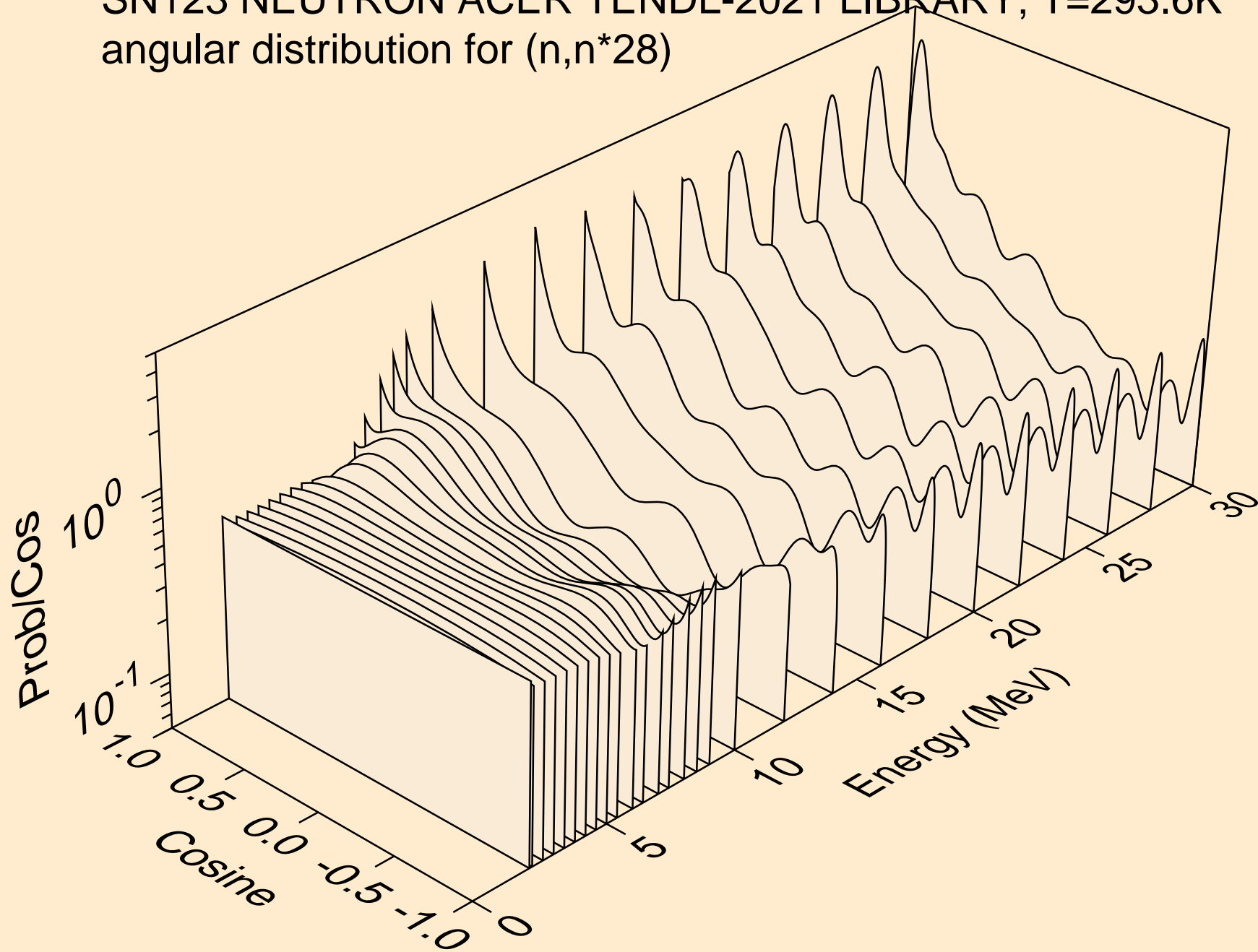
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



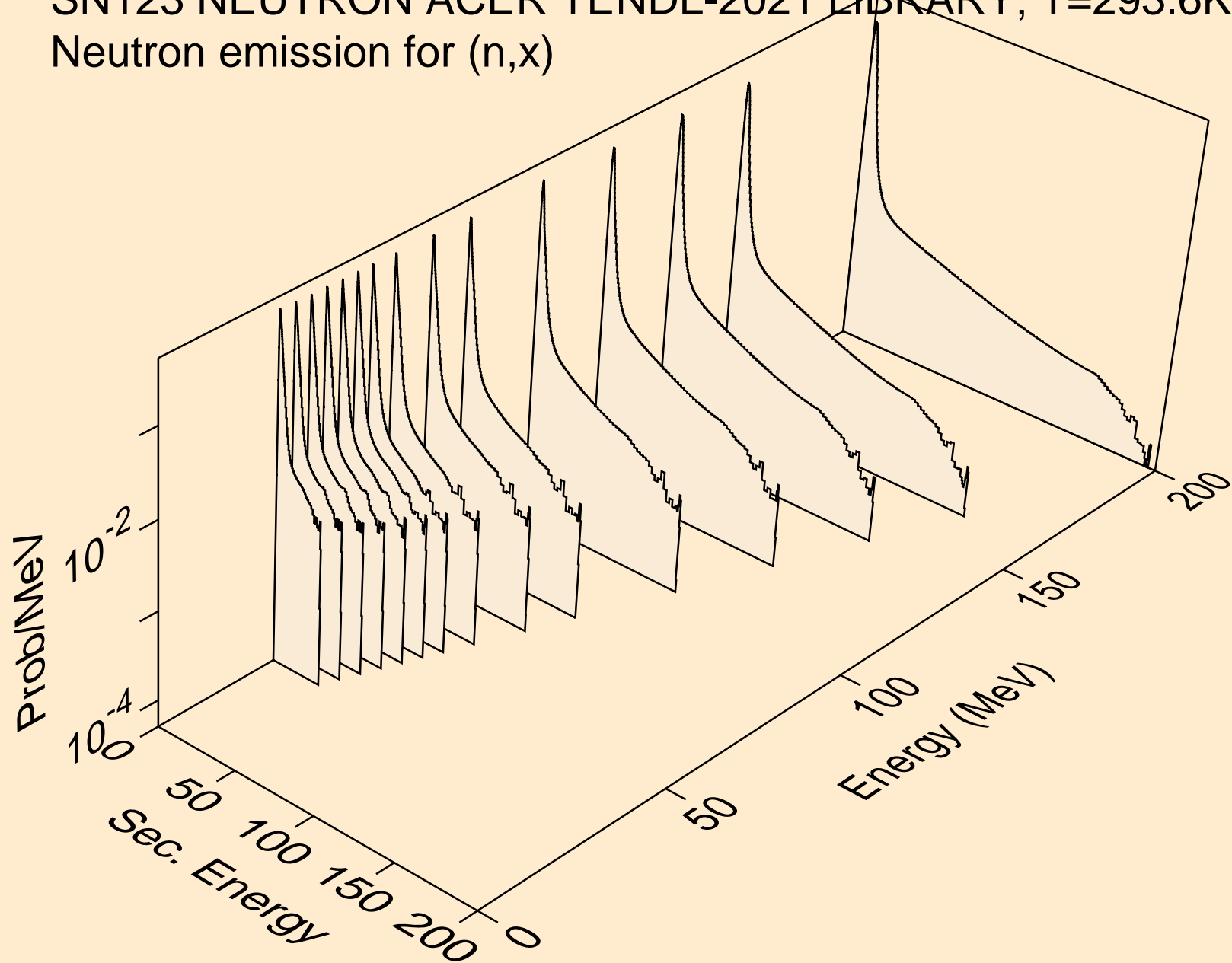
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



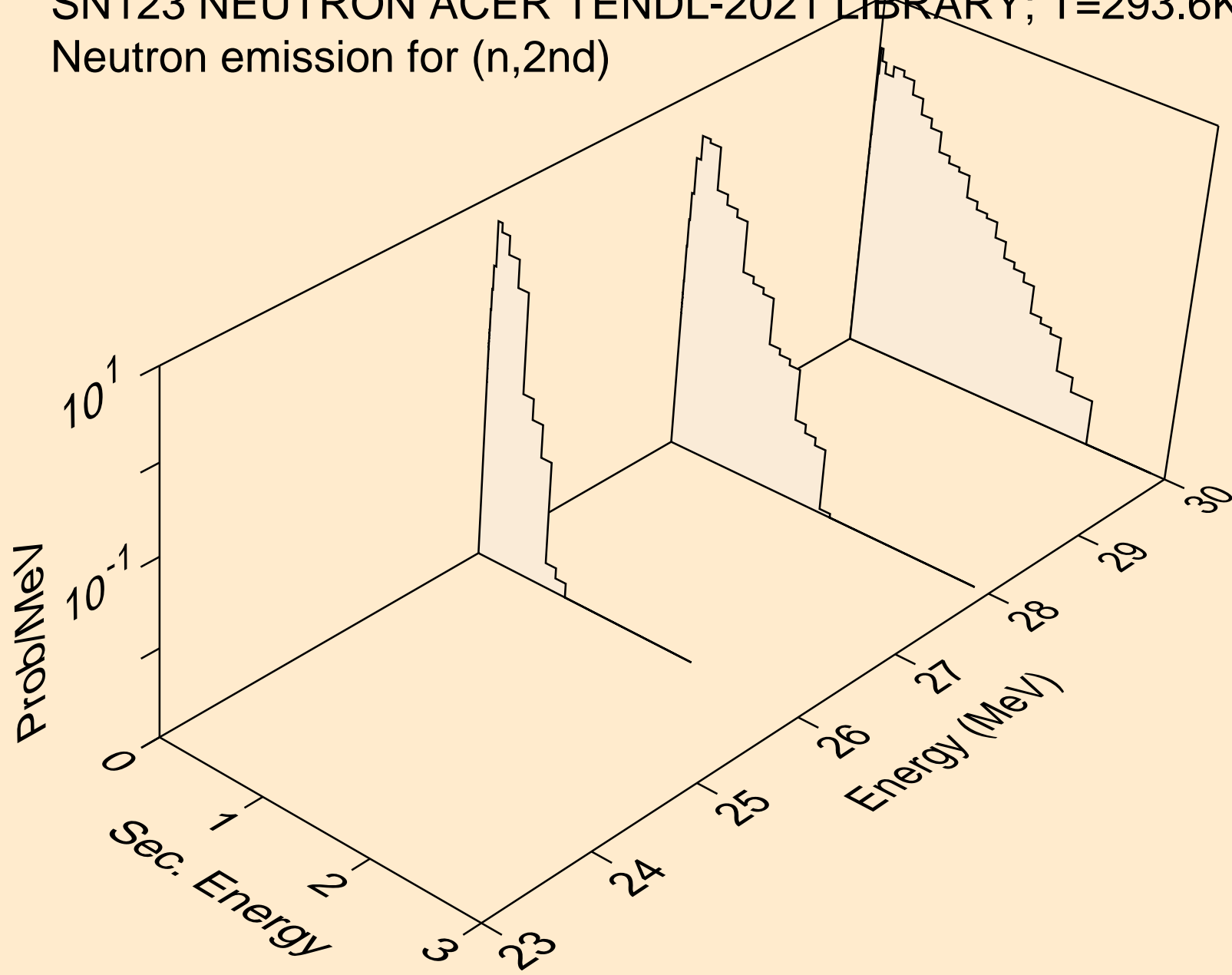
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



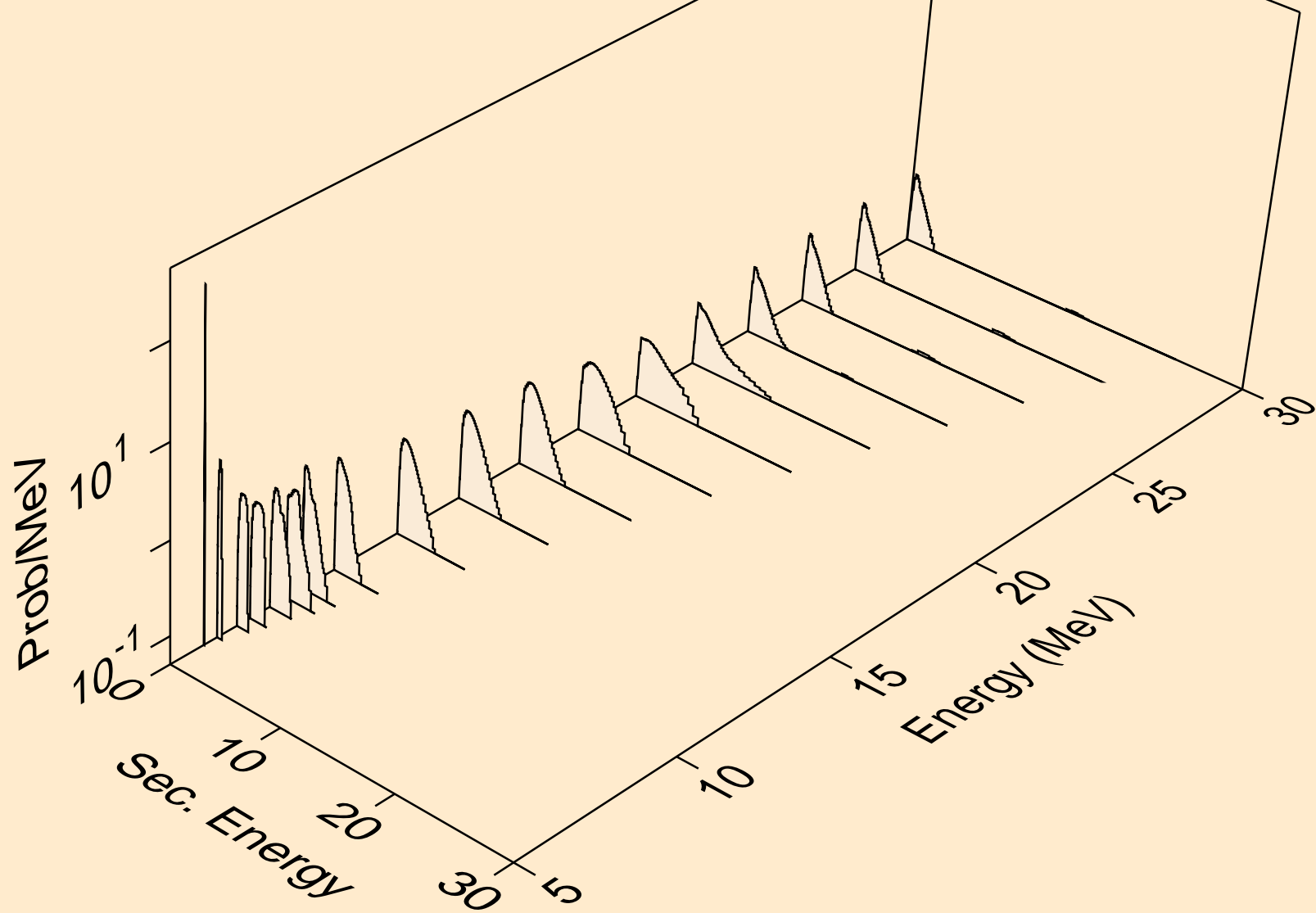
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



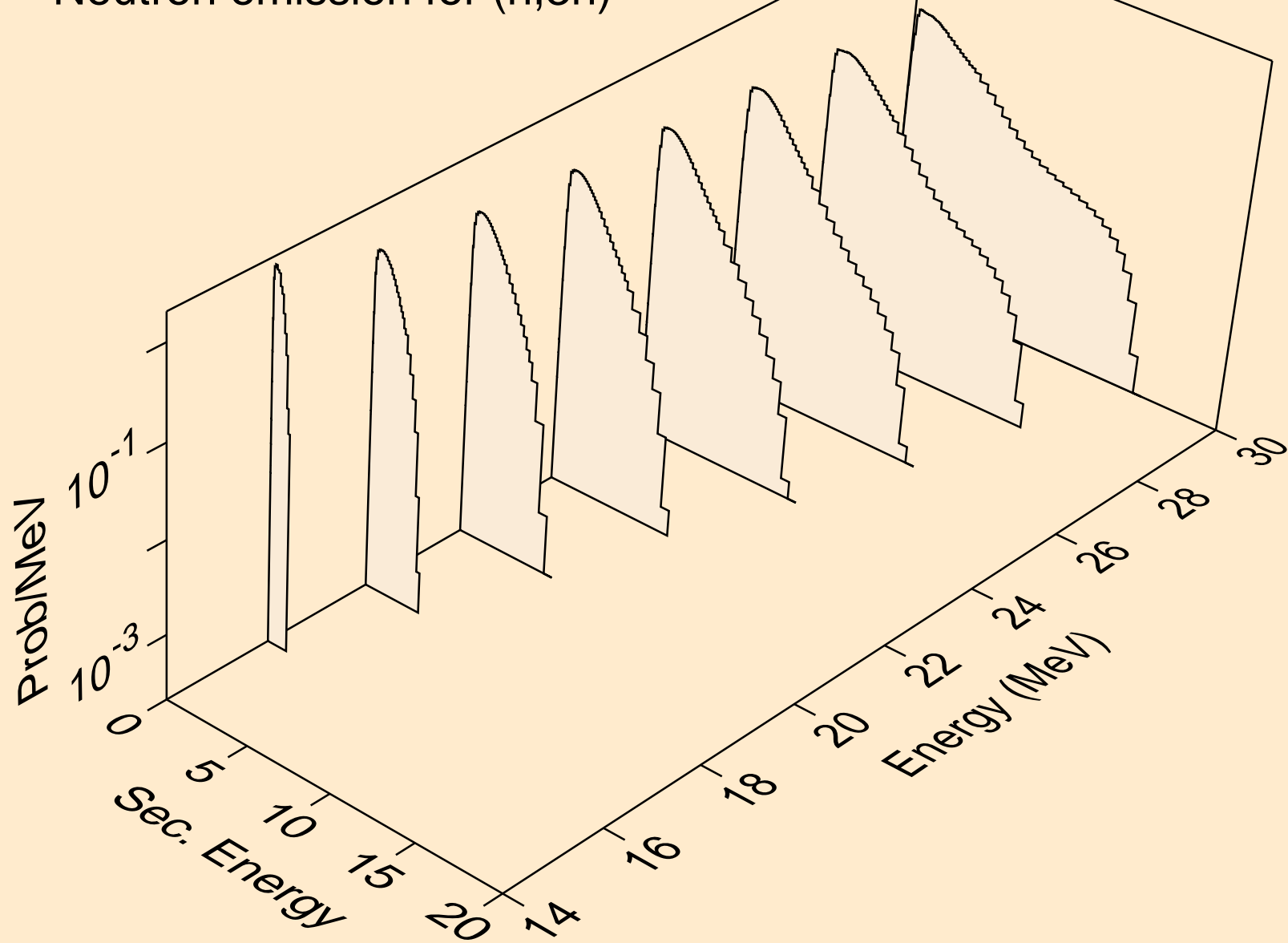
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



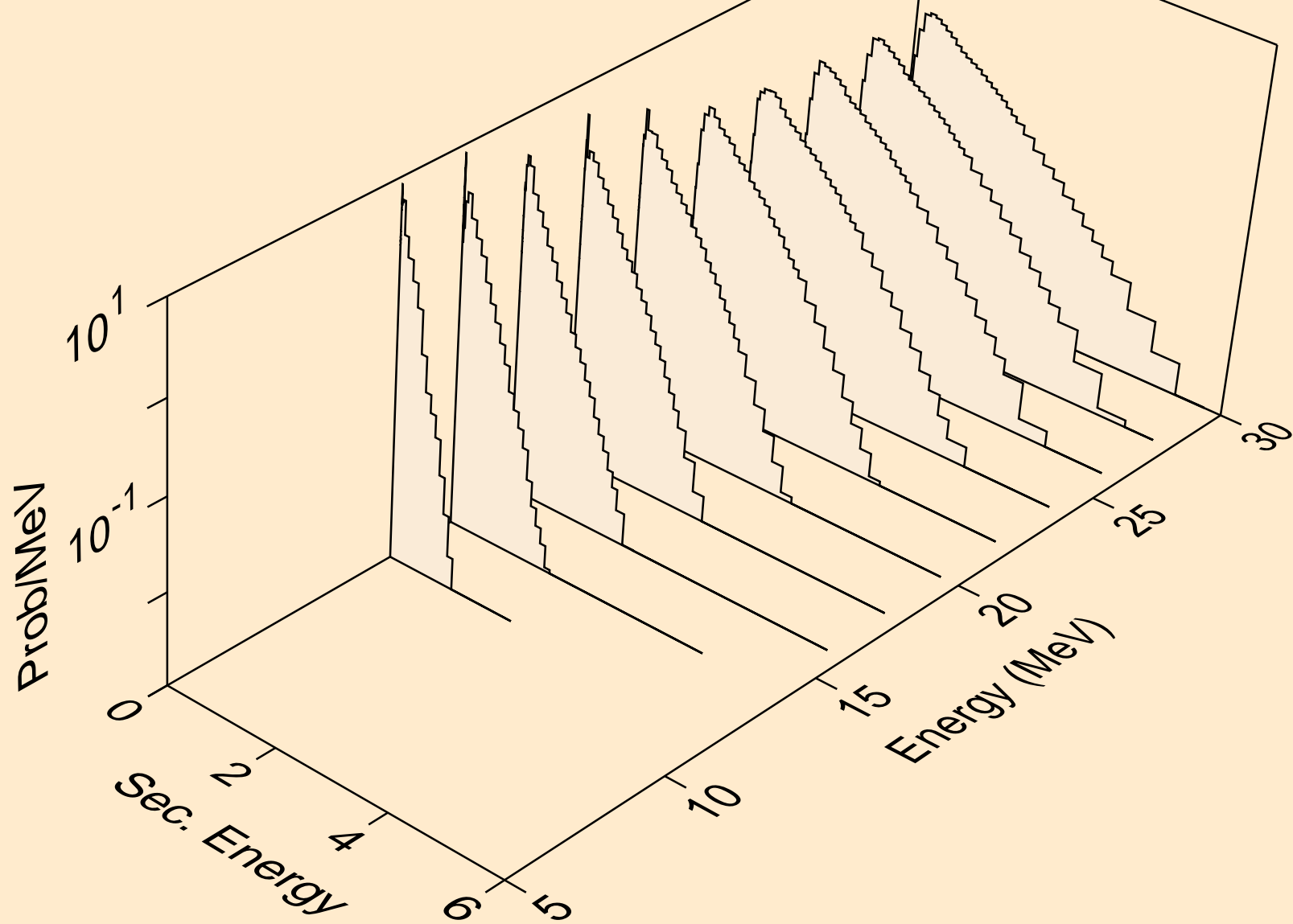
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



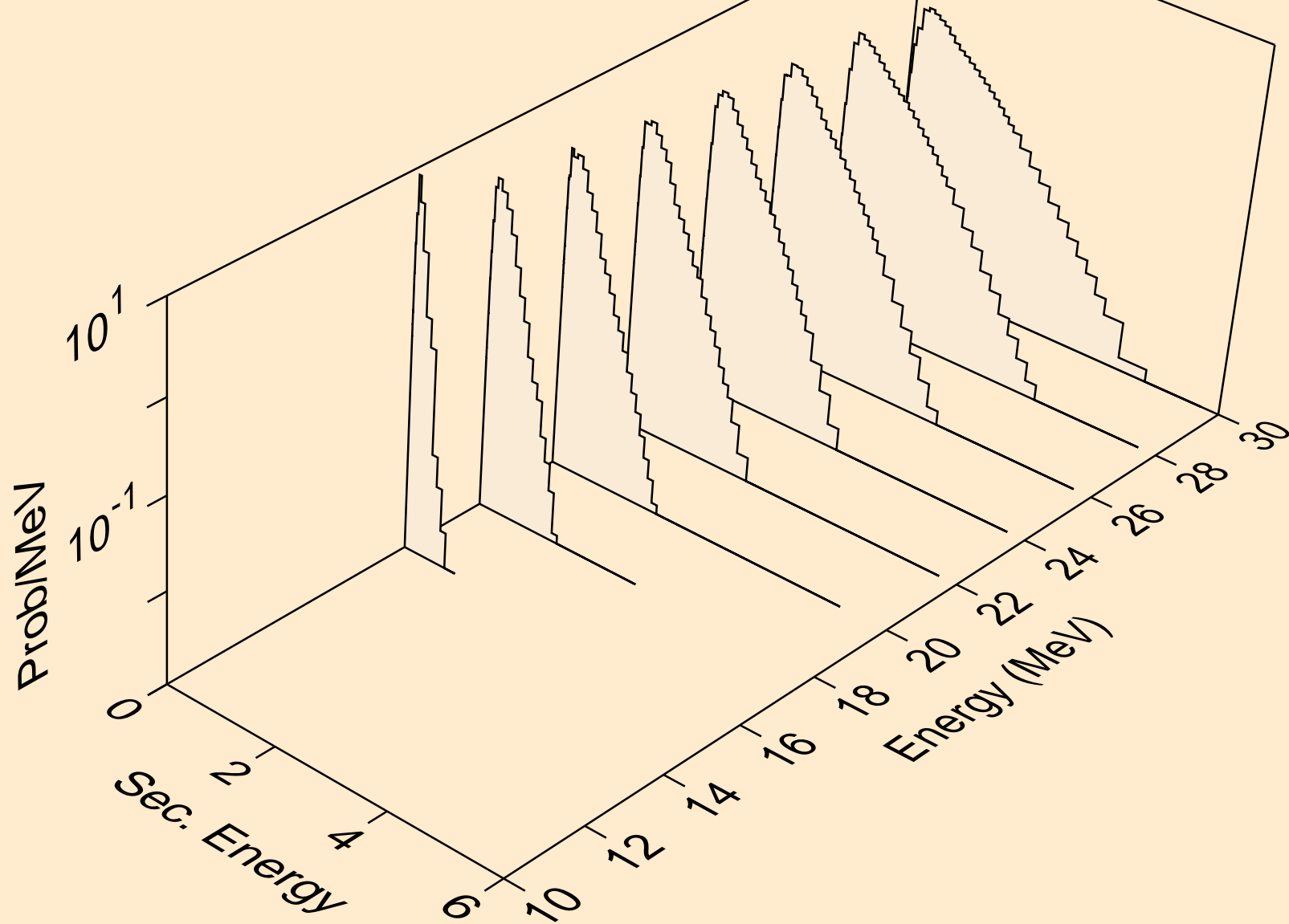
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



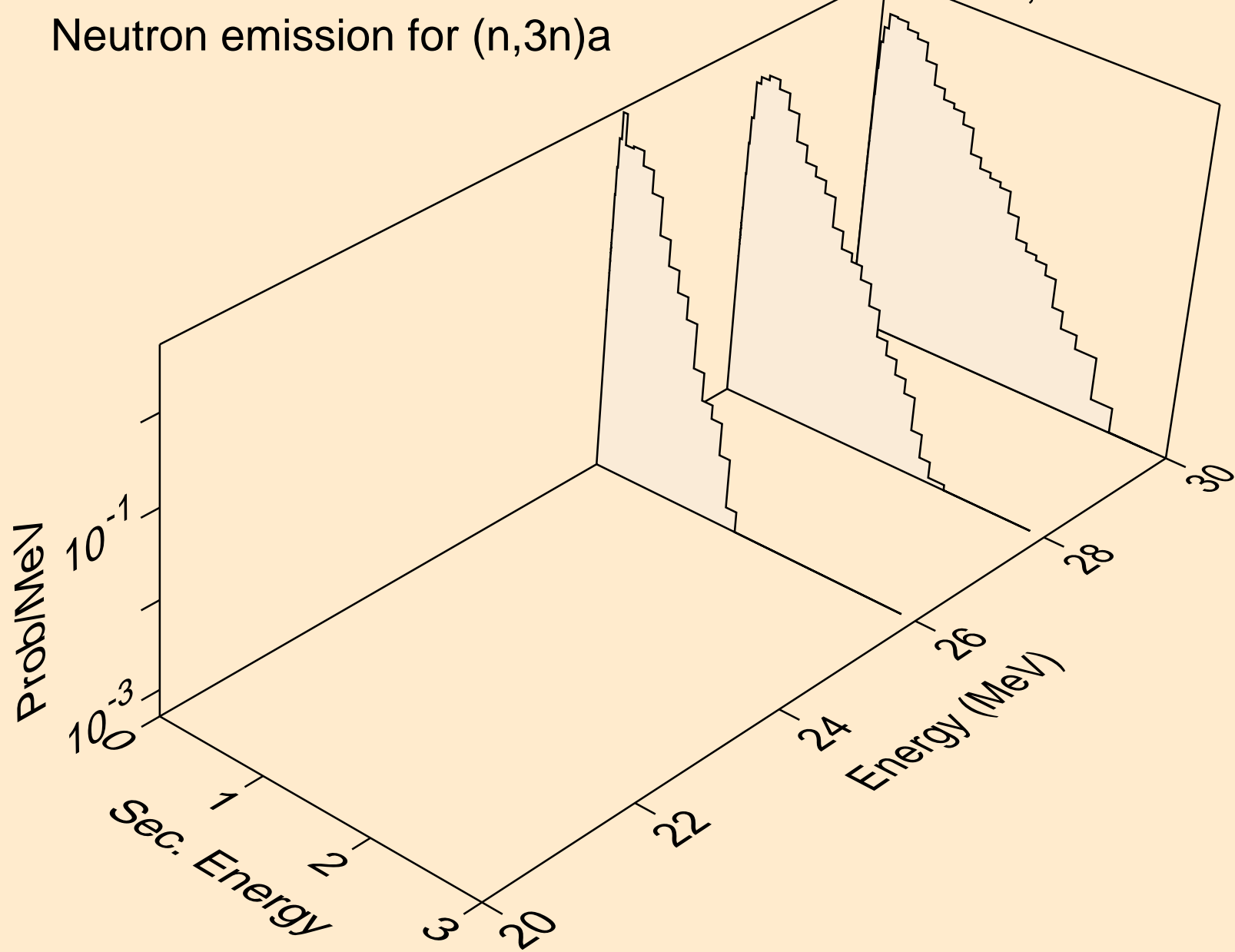
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



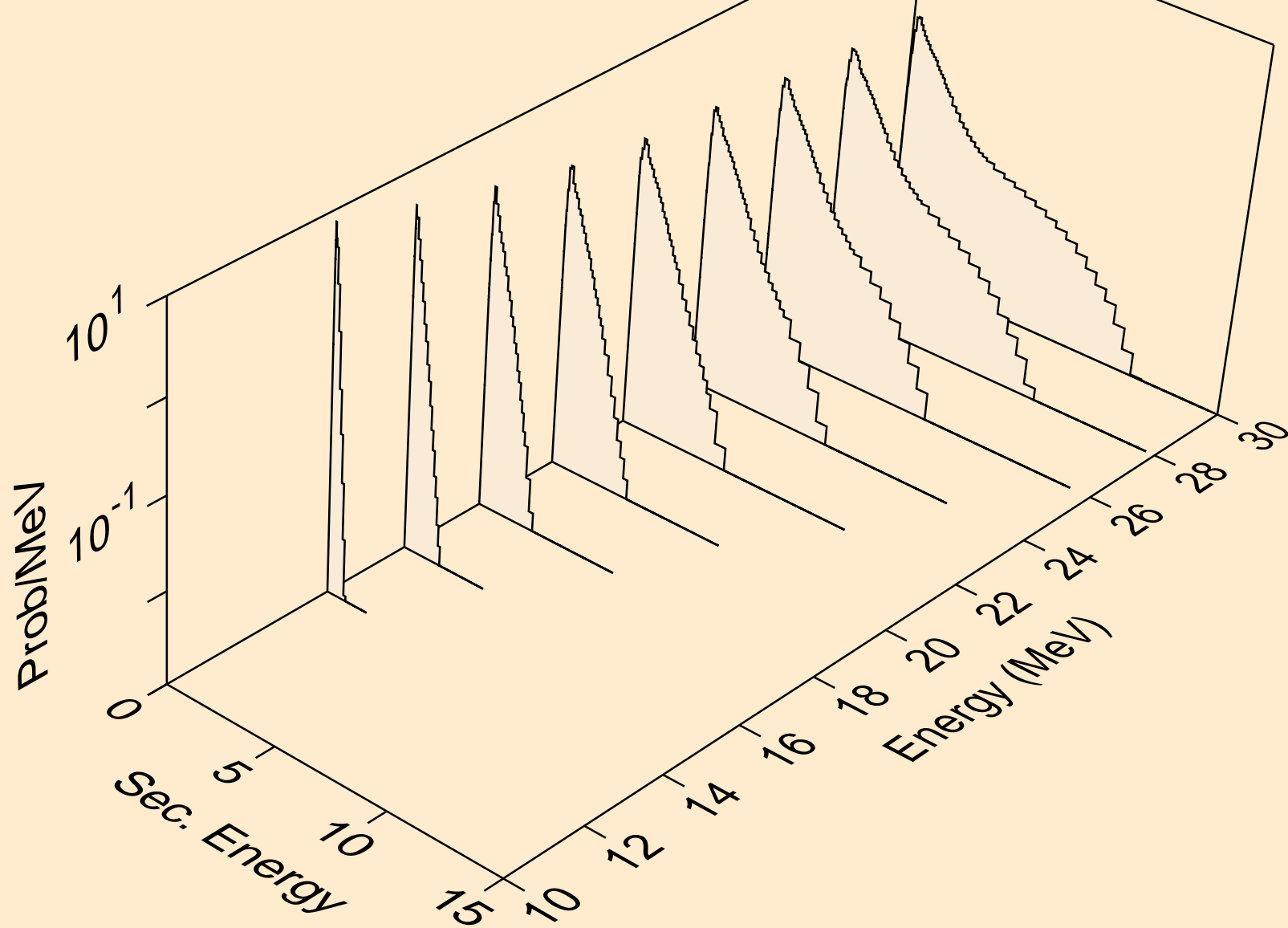
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



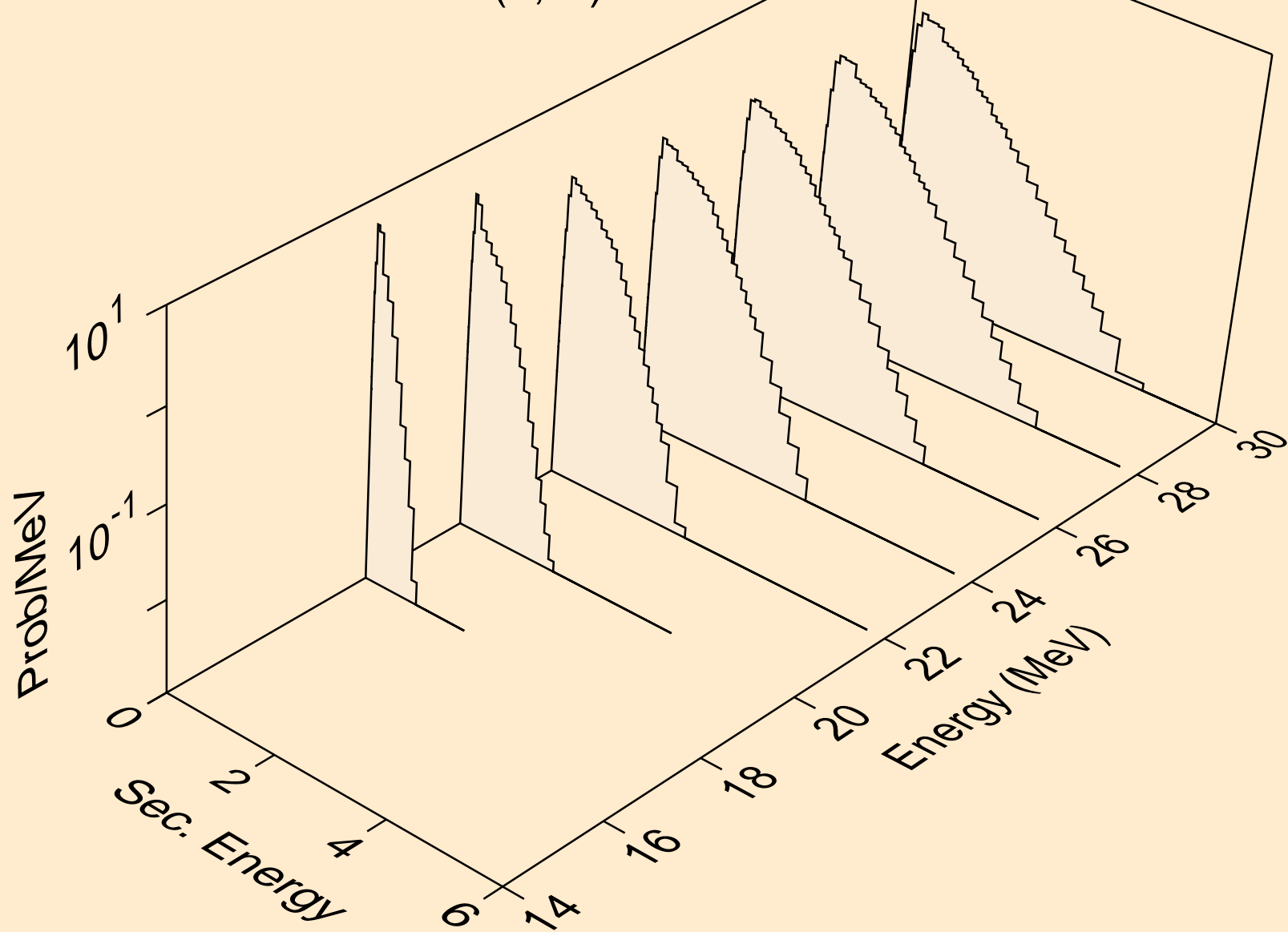
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



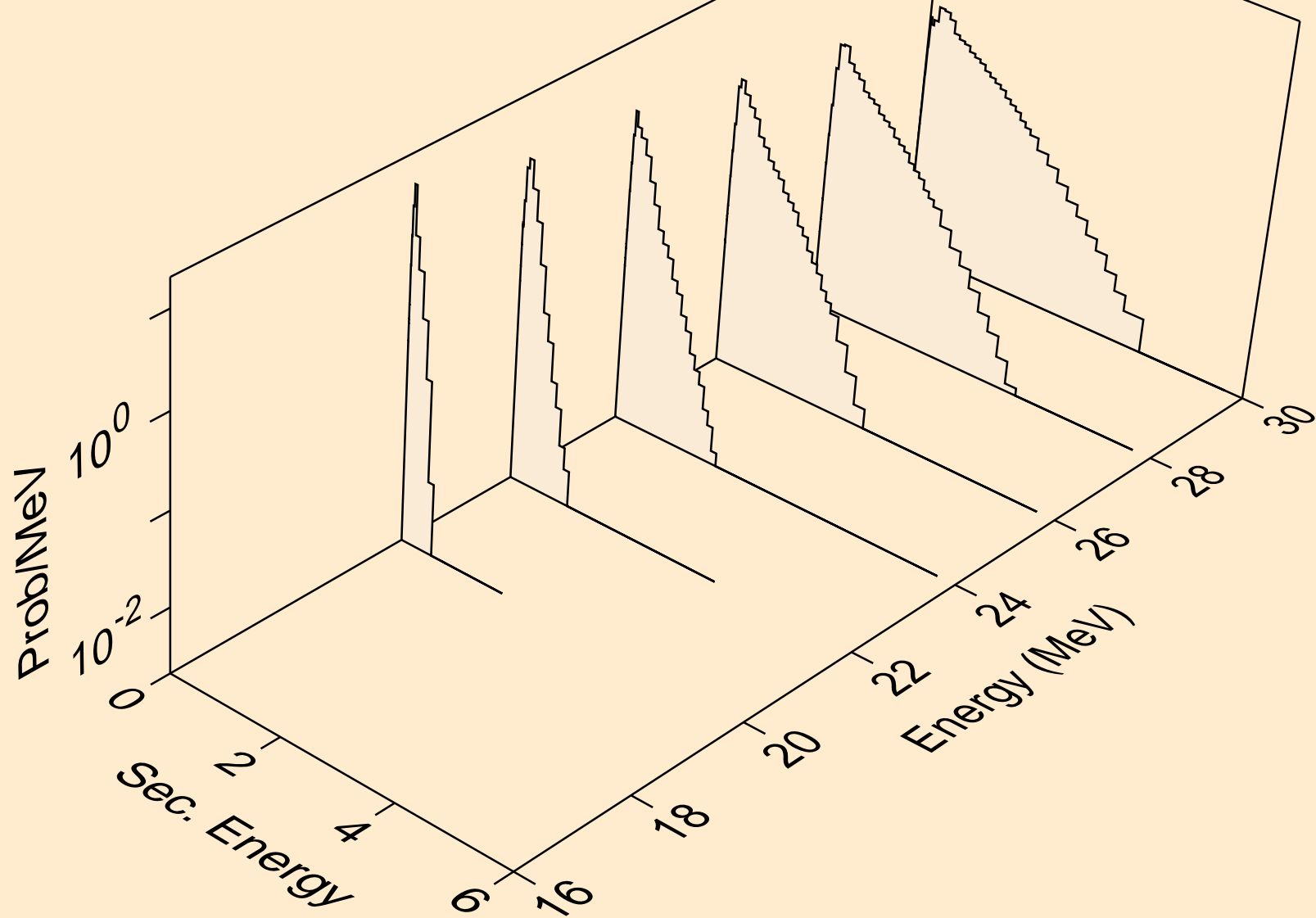
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



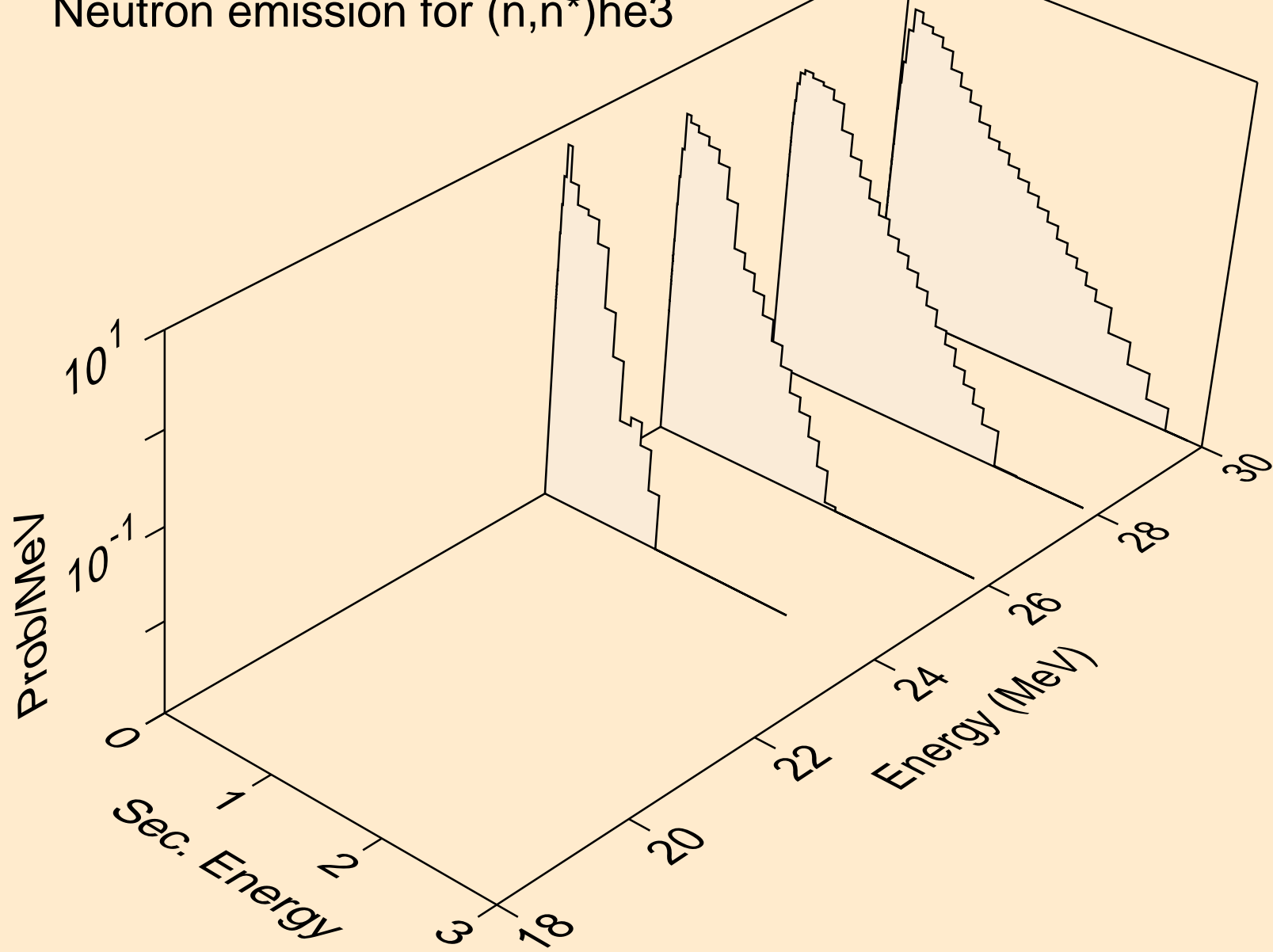
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



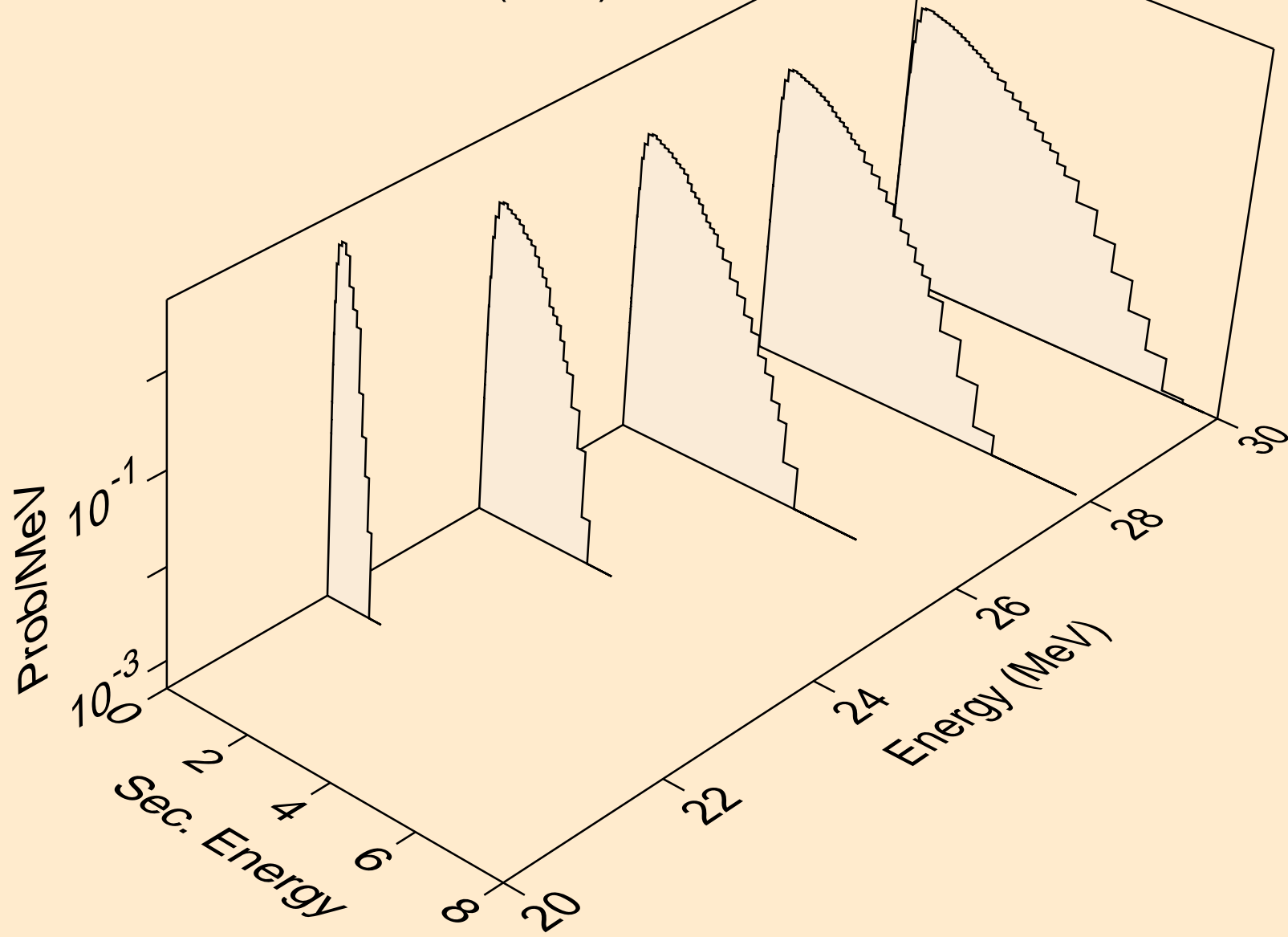
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



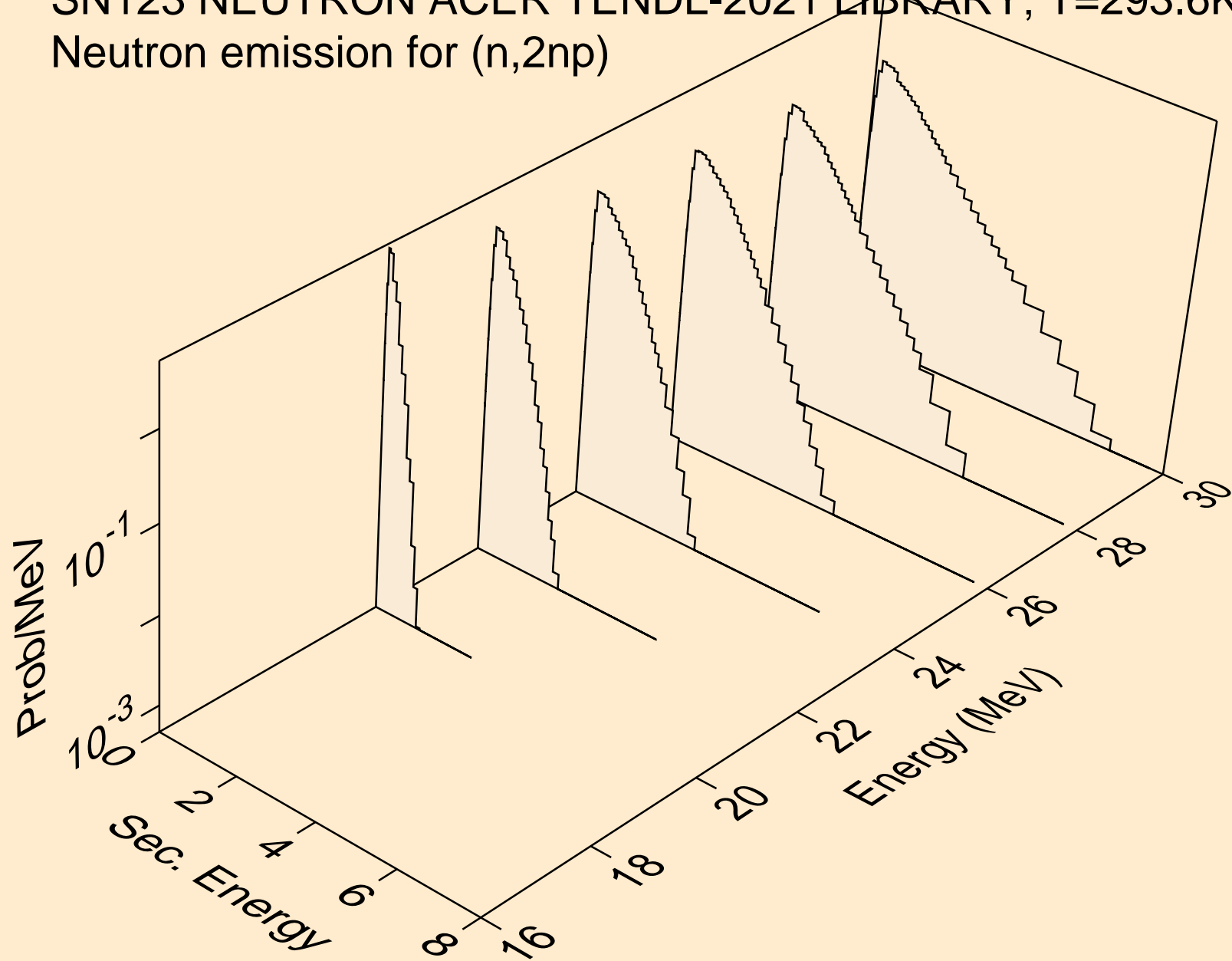
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



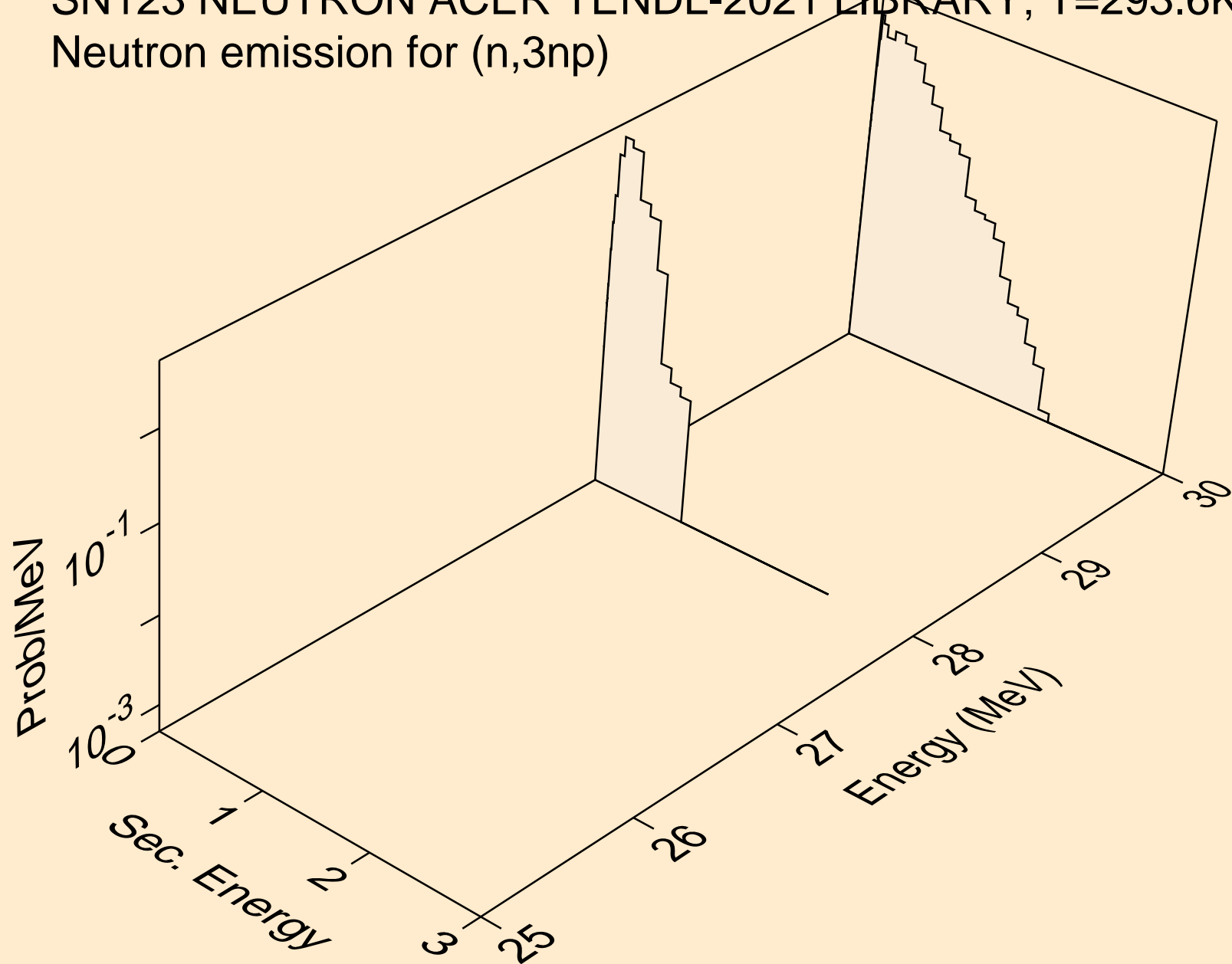
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



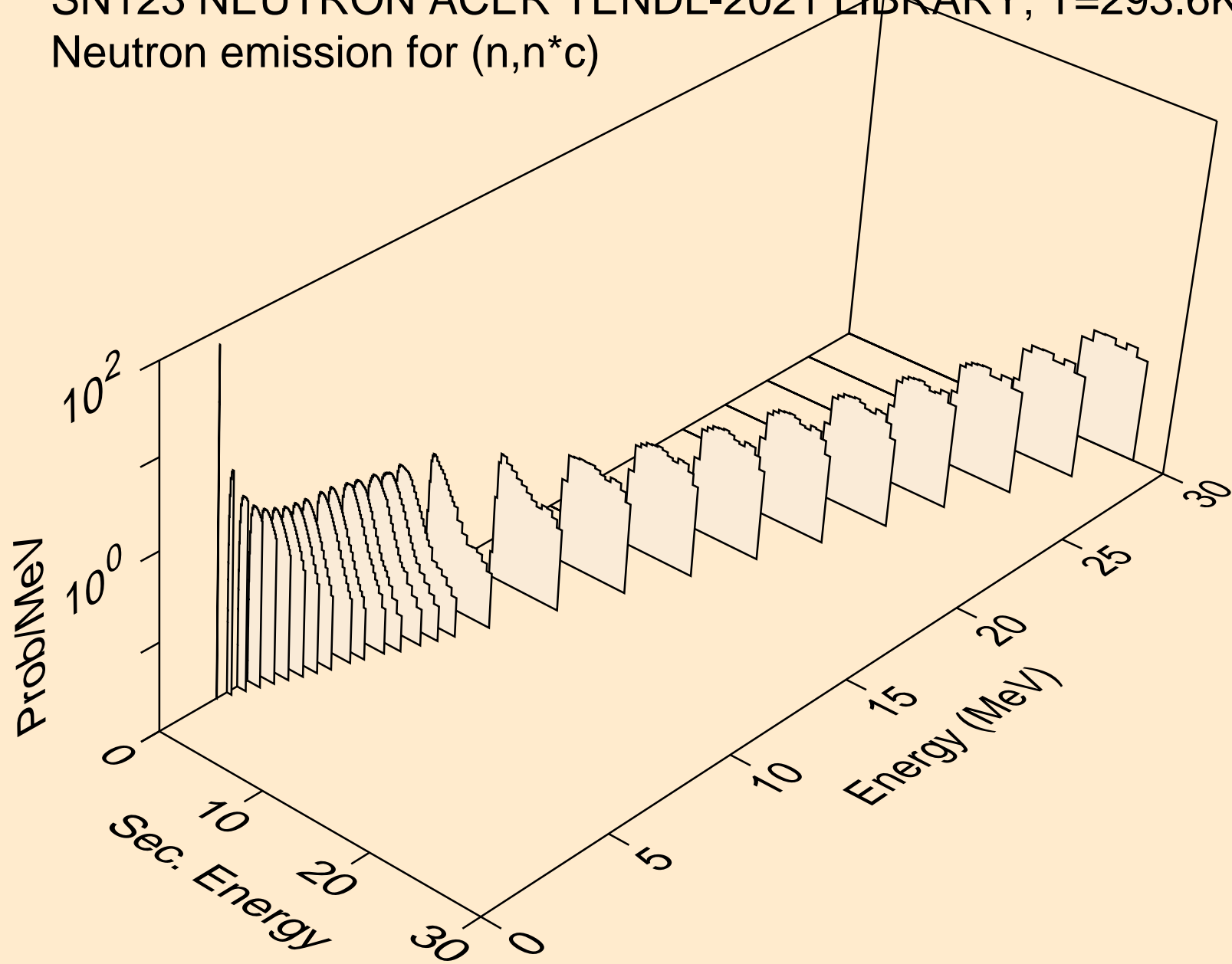
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



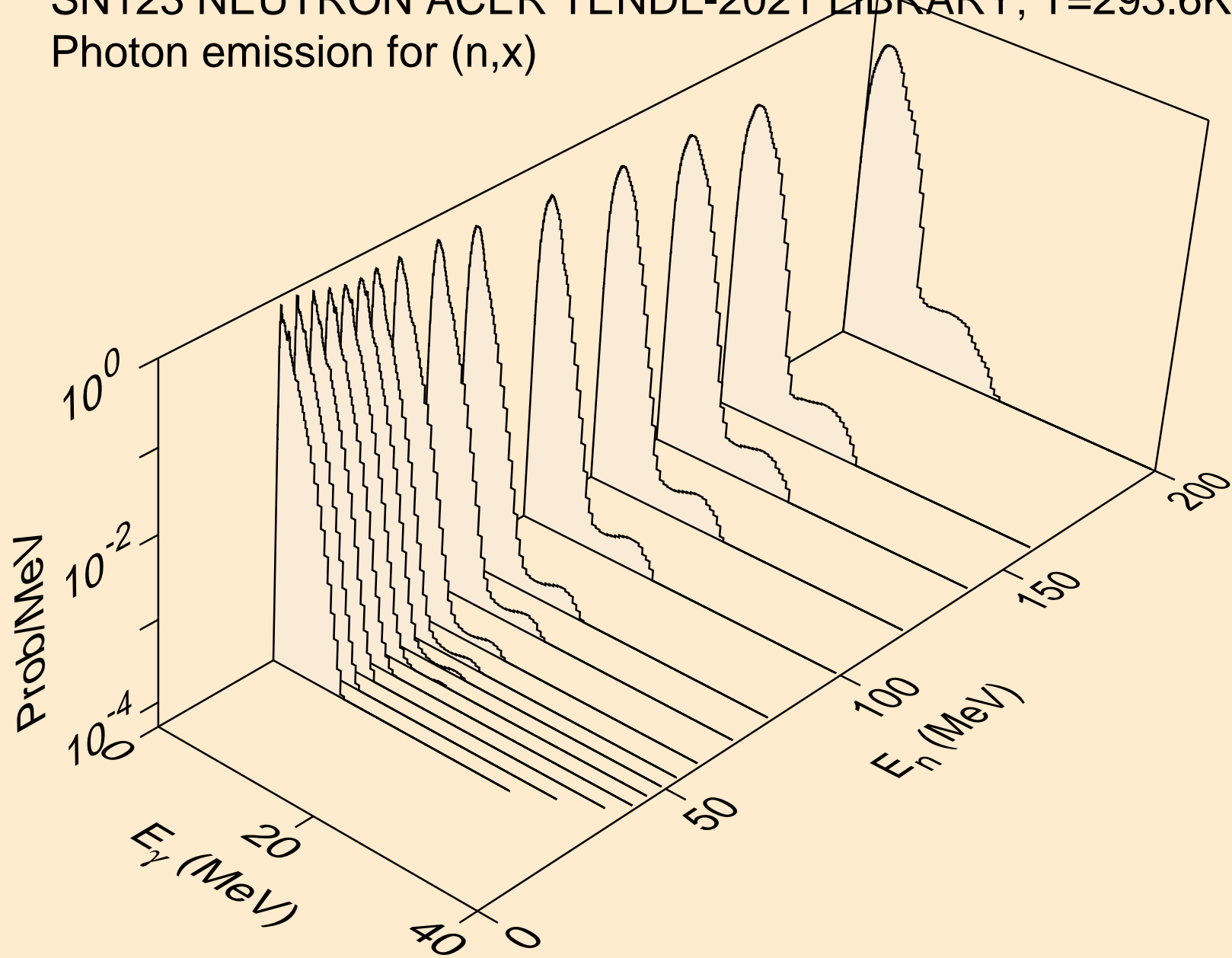
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



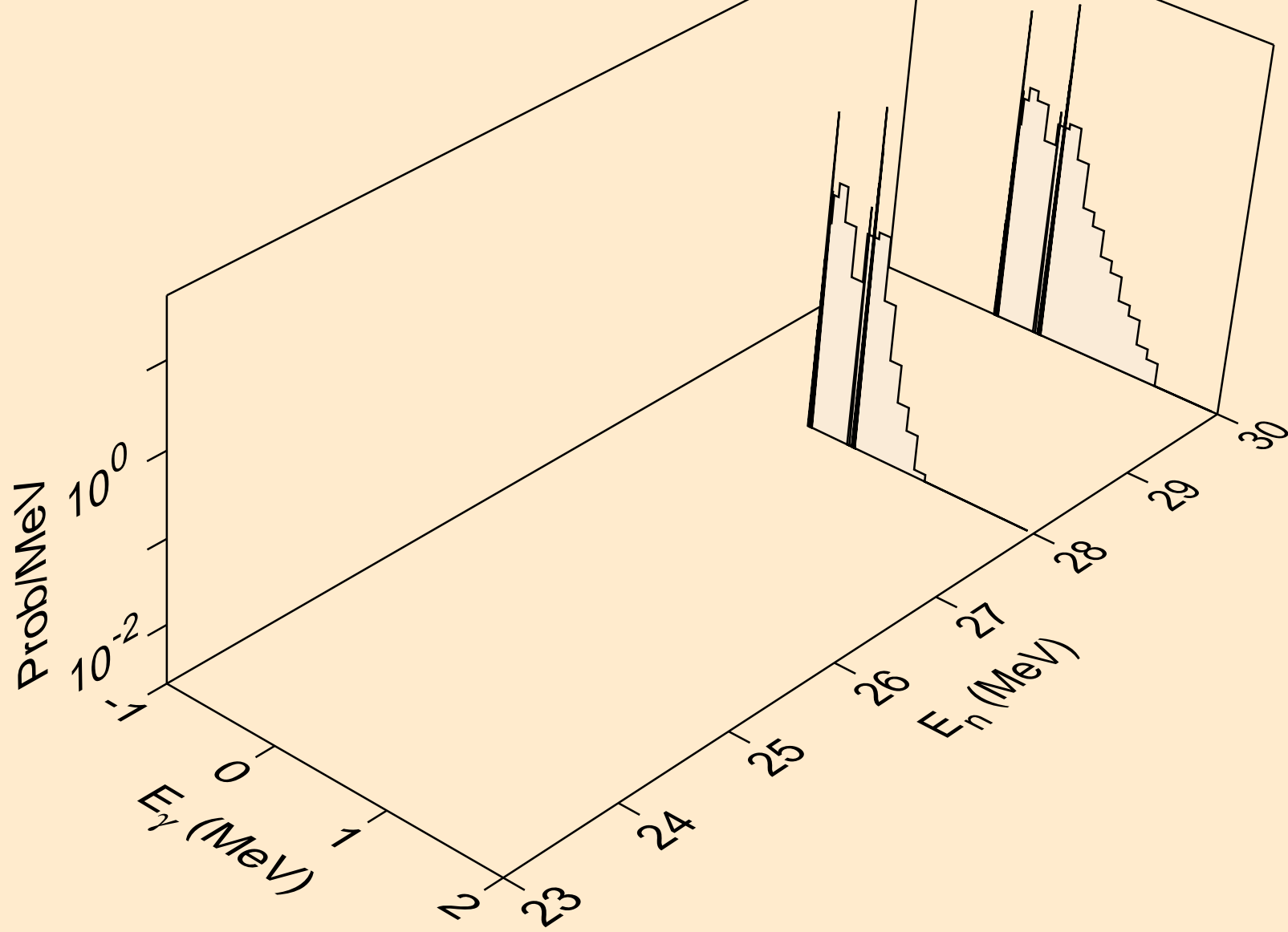
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



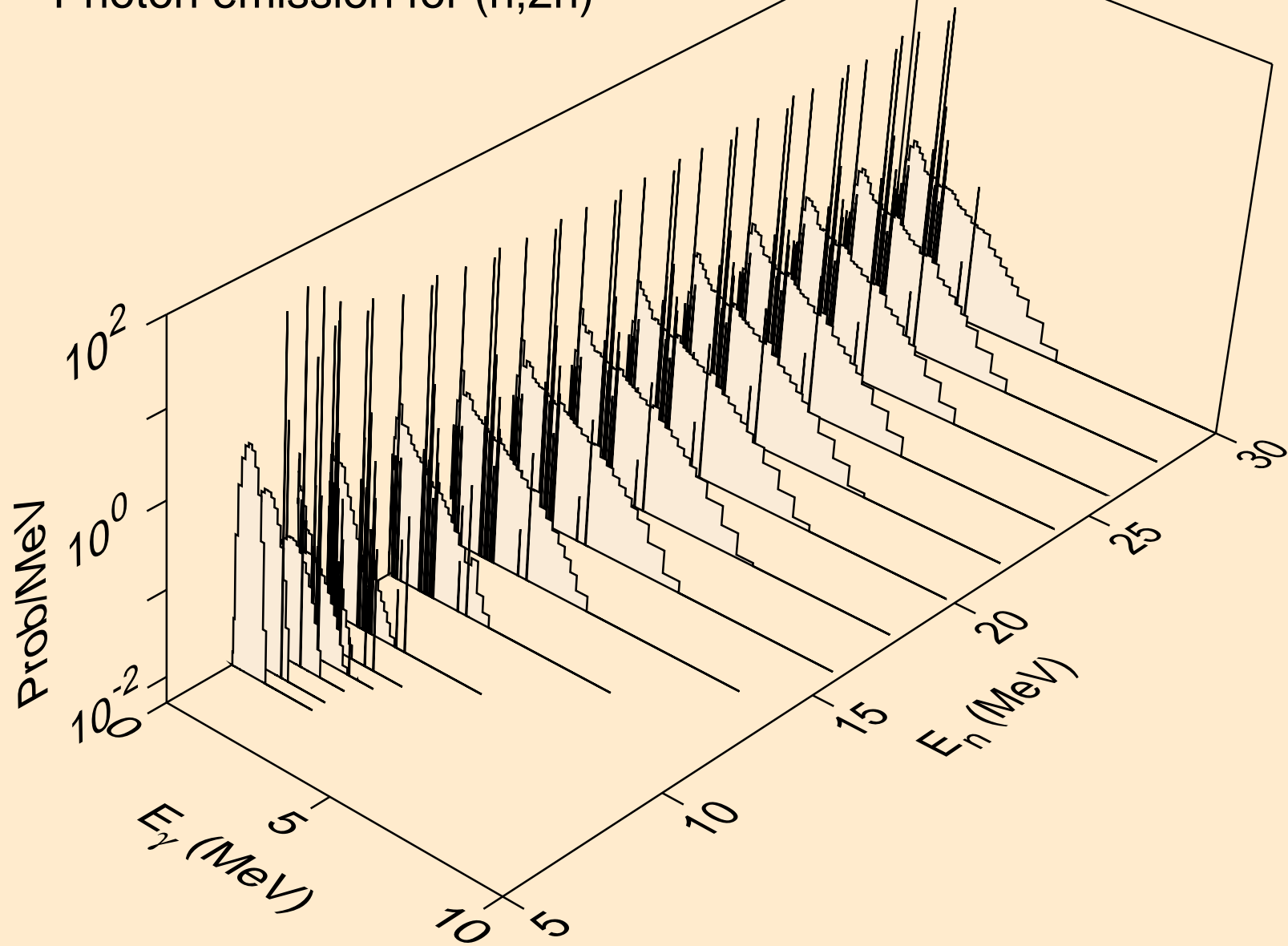
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



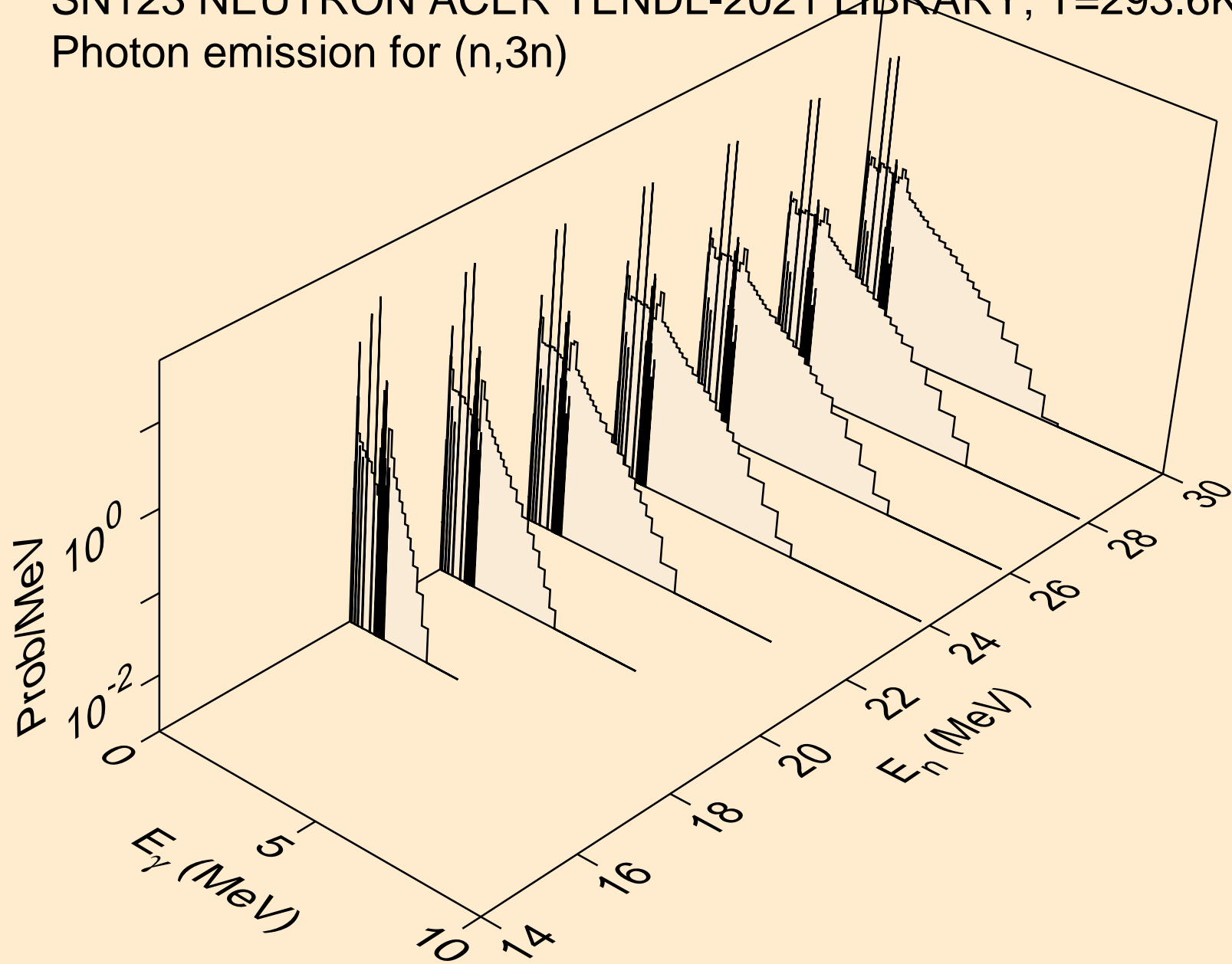
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Photon emission for (n,2nd)



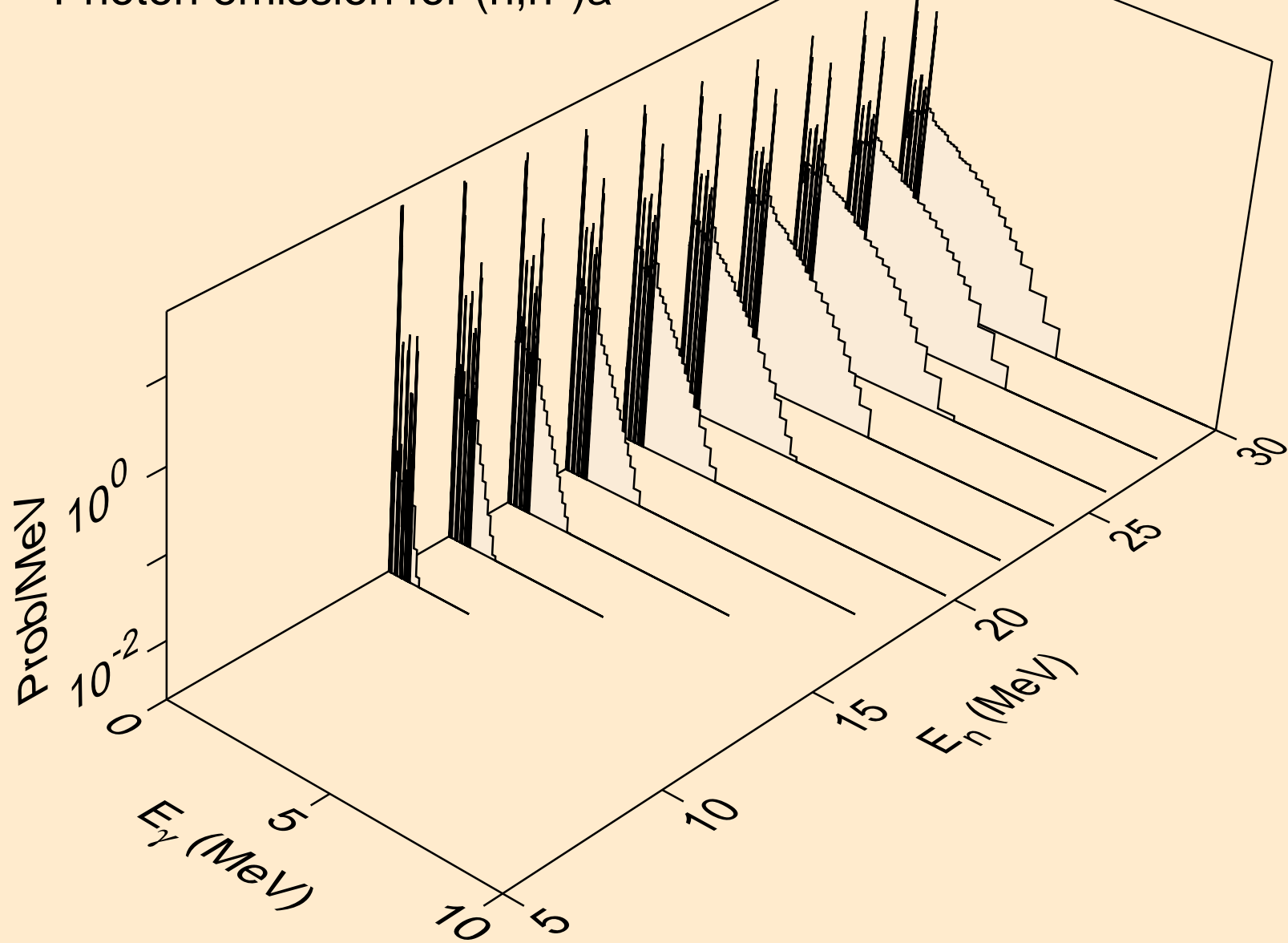
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Photon emission for (n,2n)



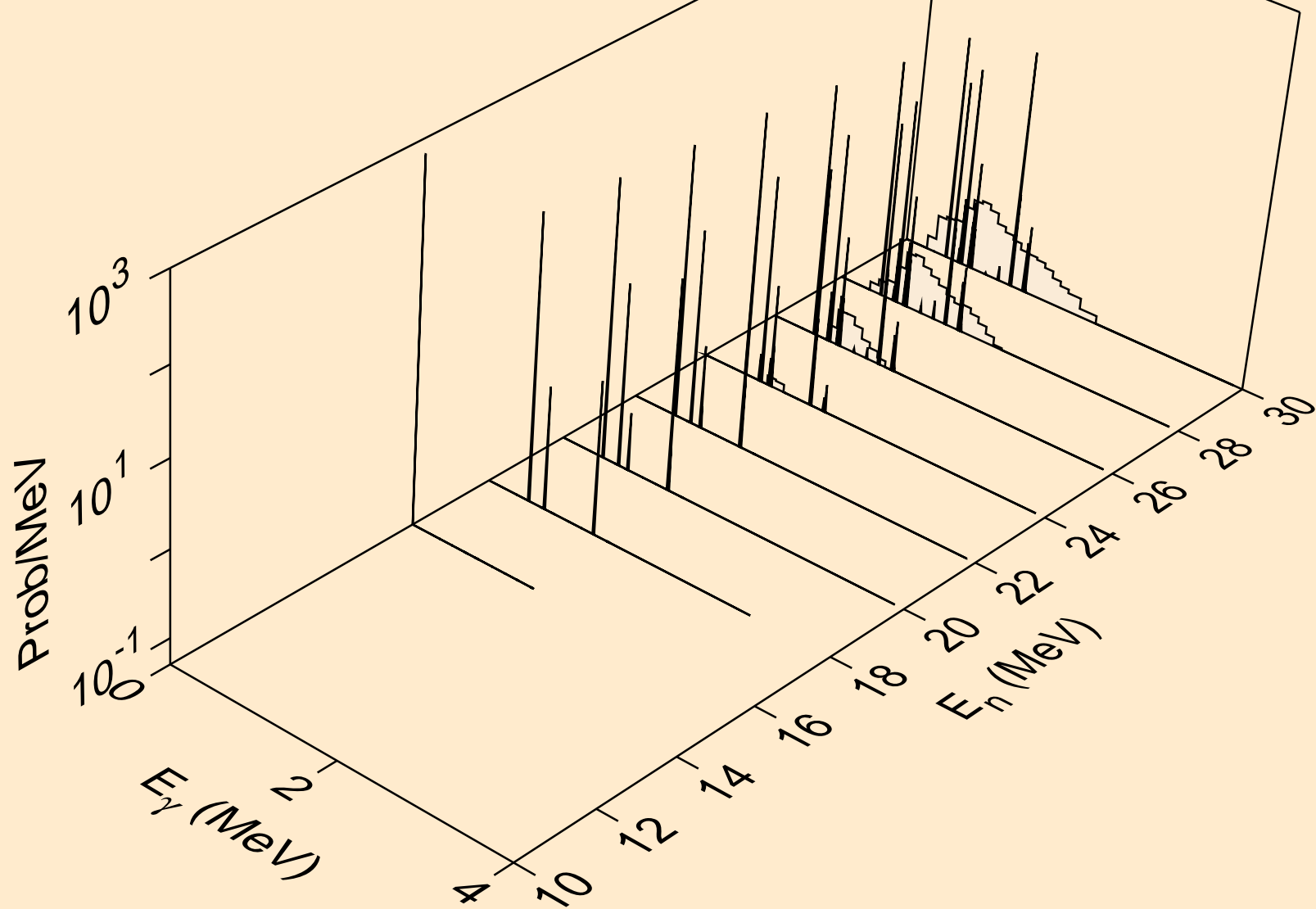
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Photon emission for (n,3n)



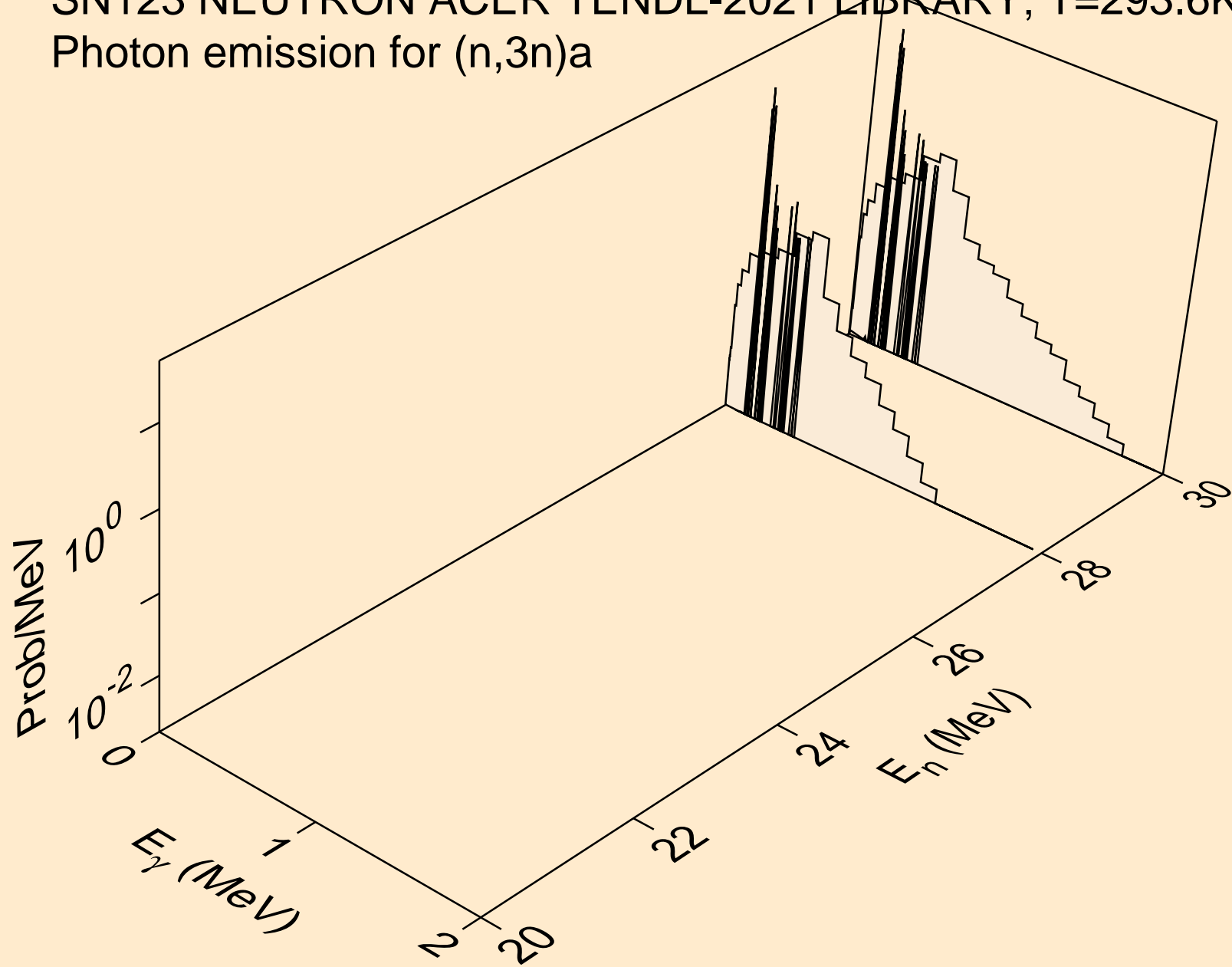
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



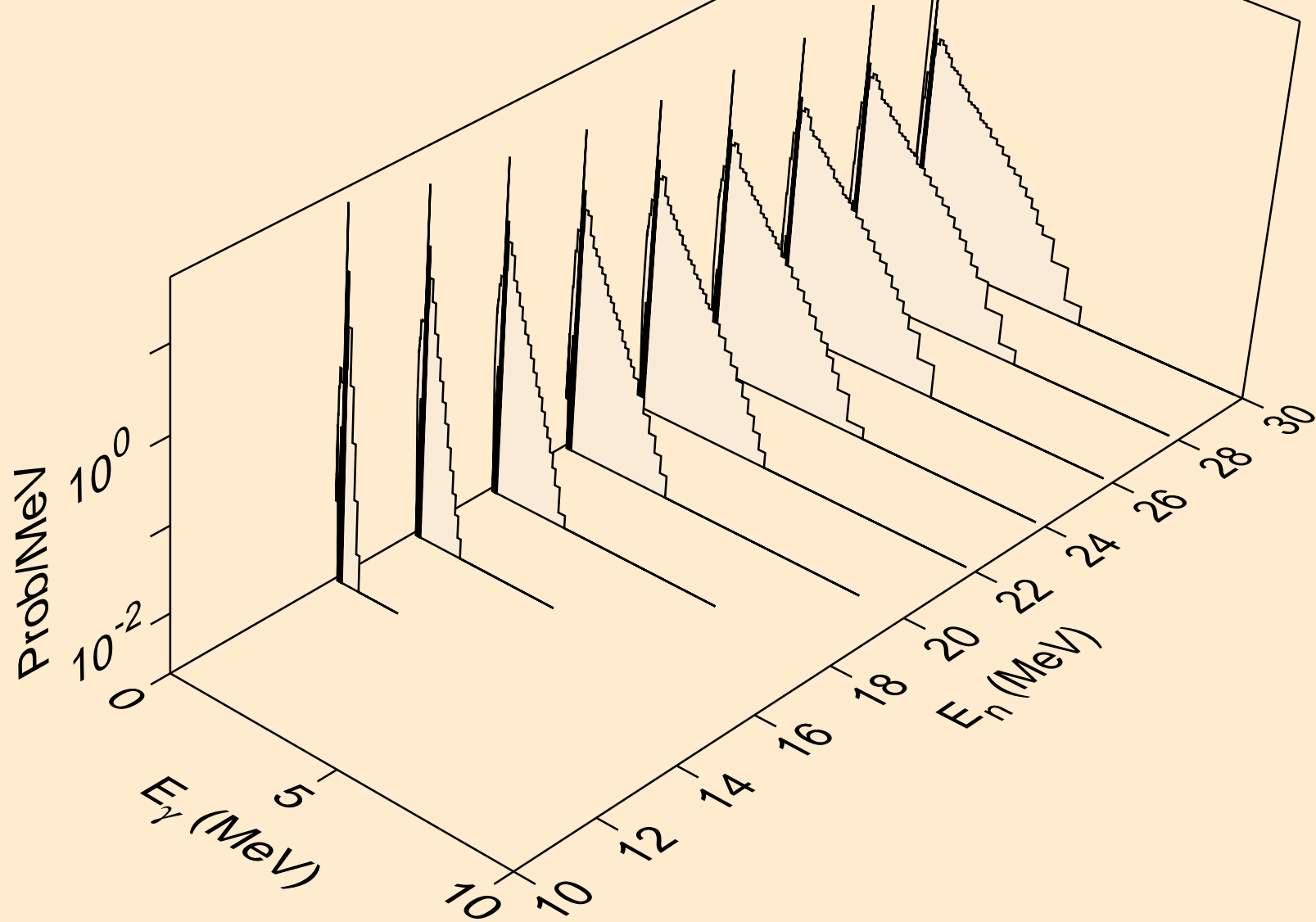
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



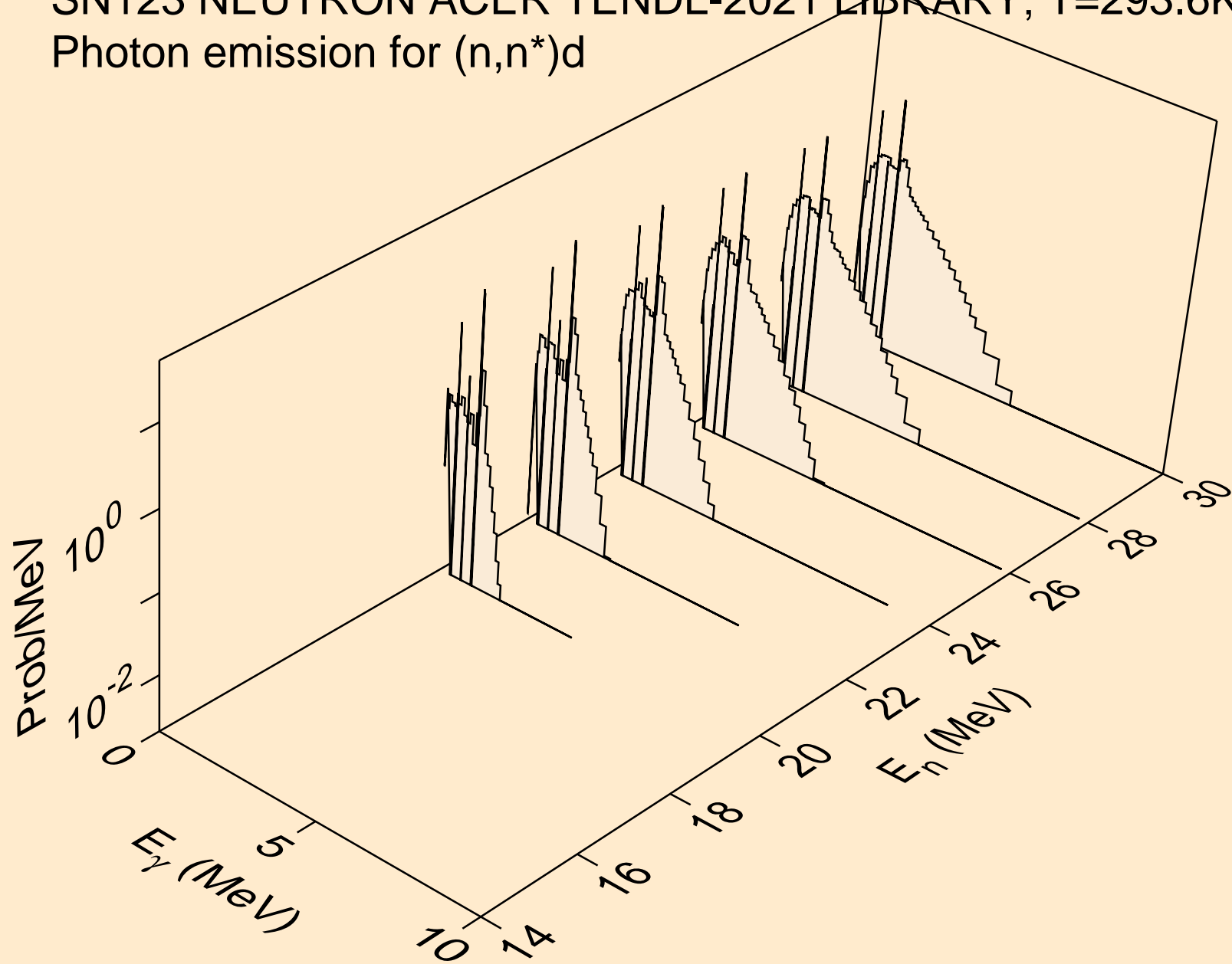
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



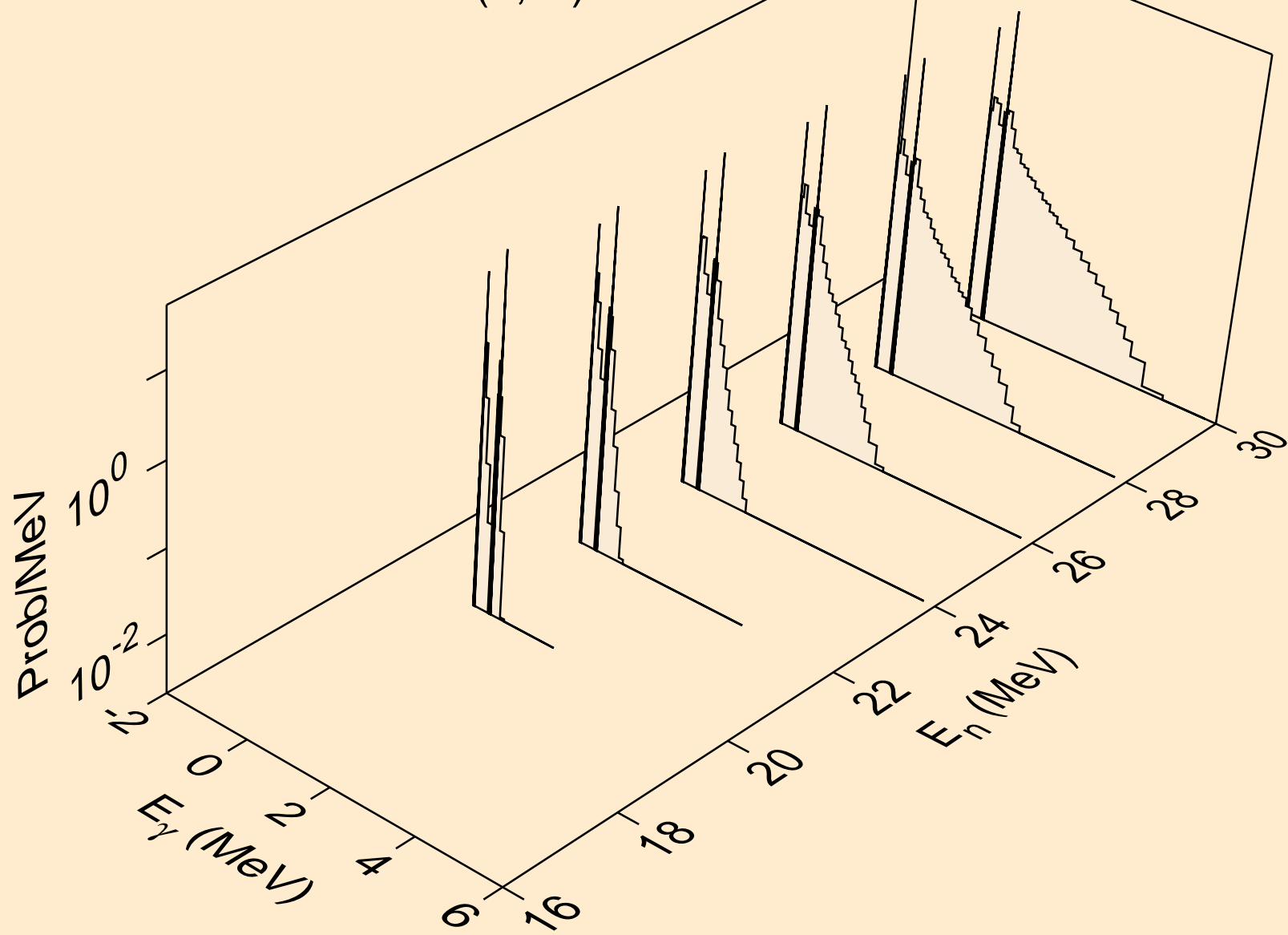
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



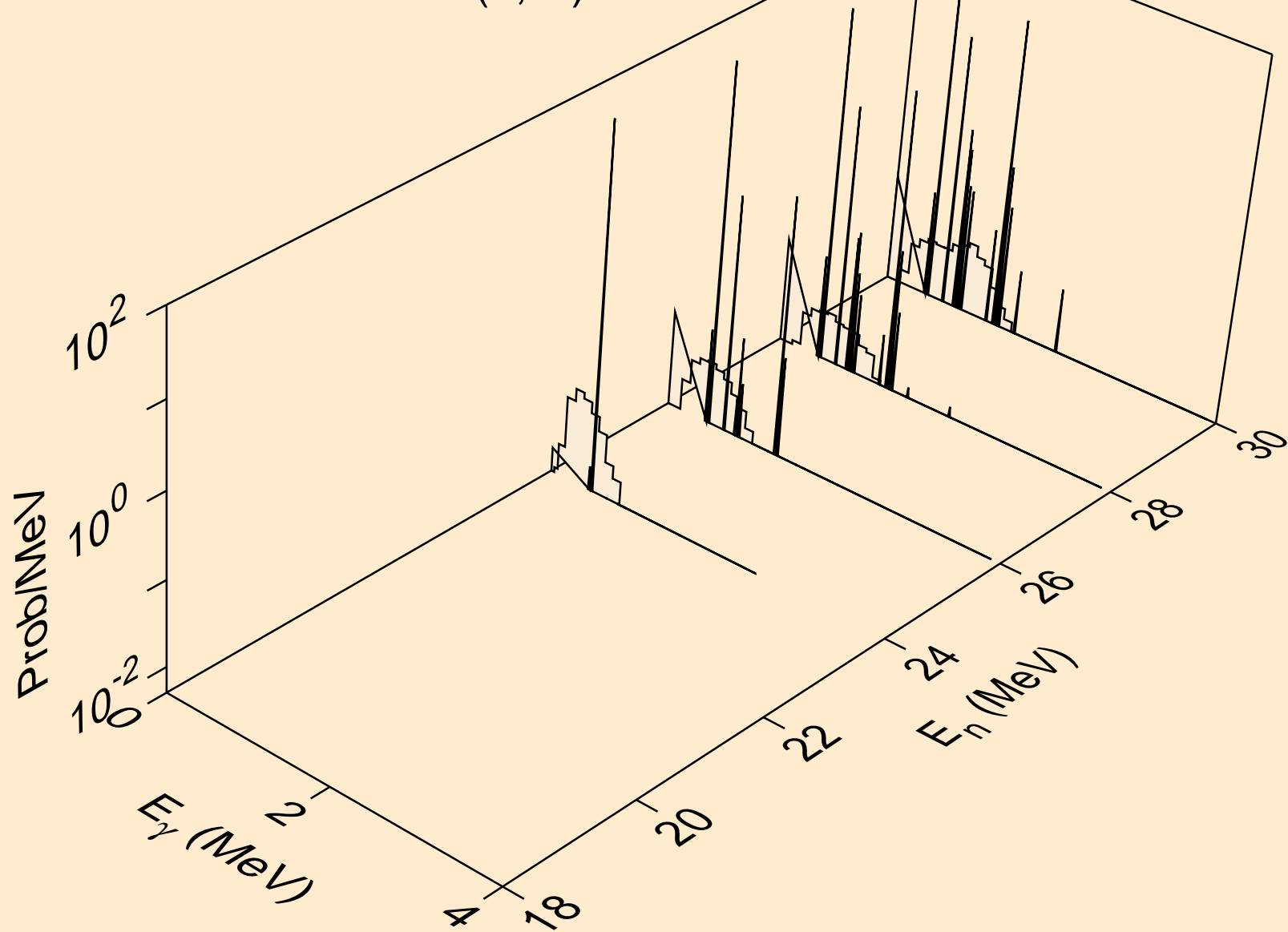
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



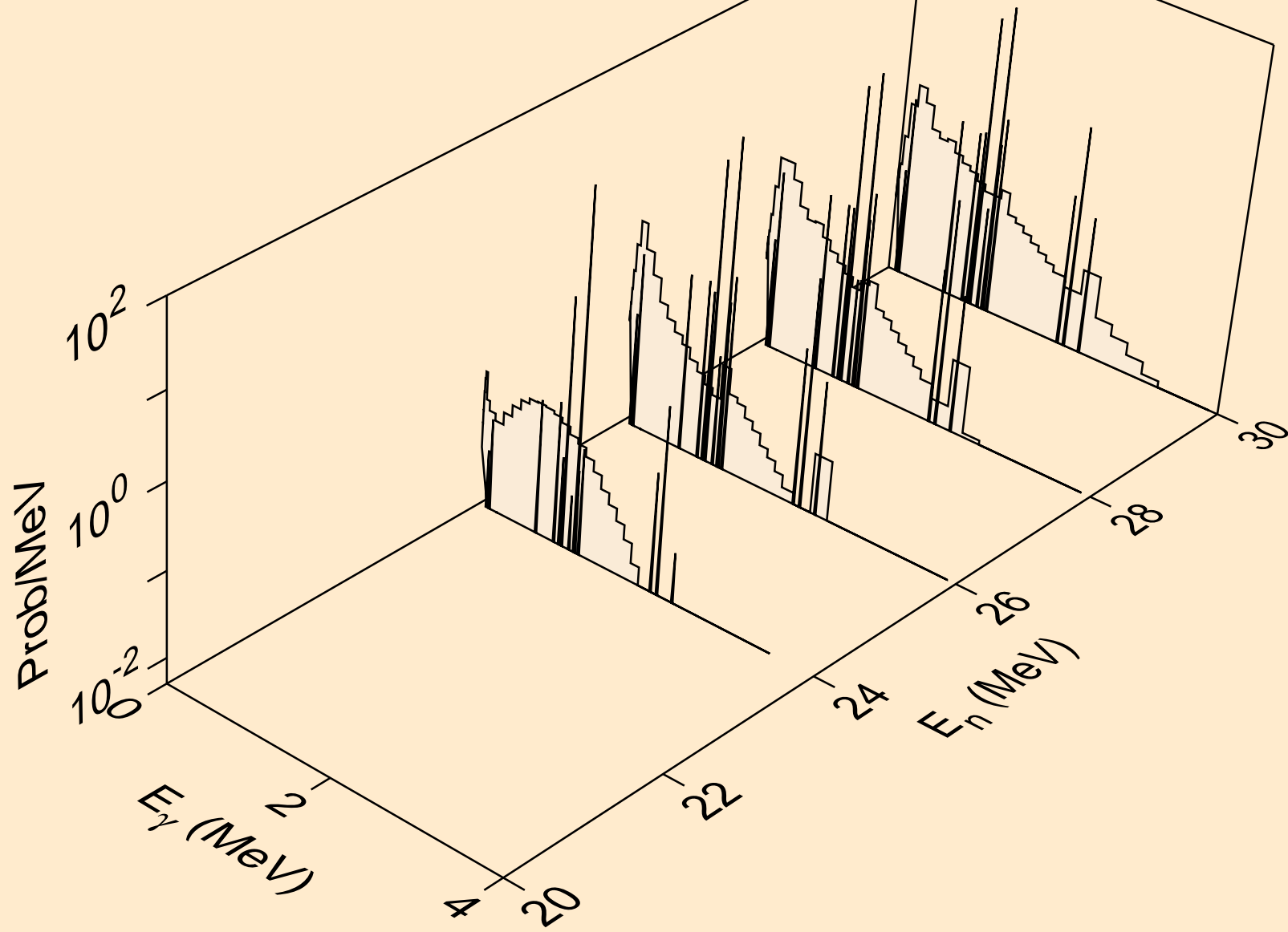
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Photon emission for (n,n\*)t



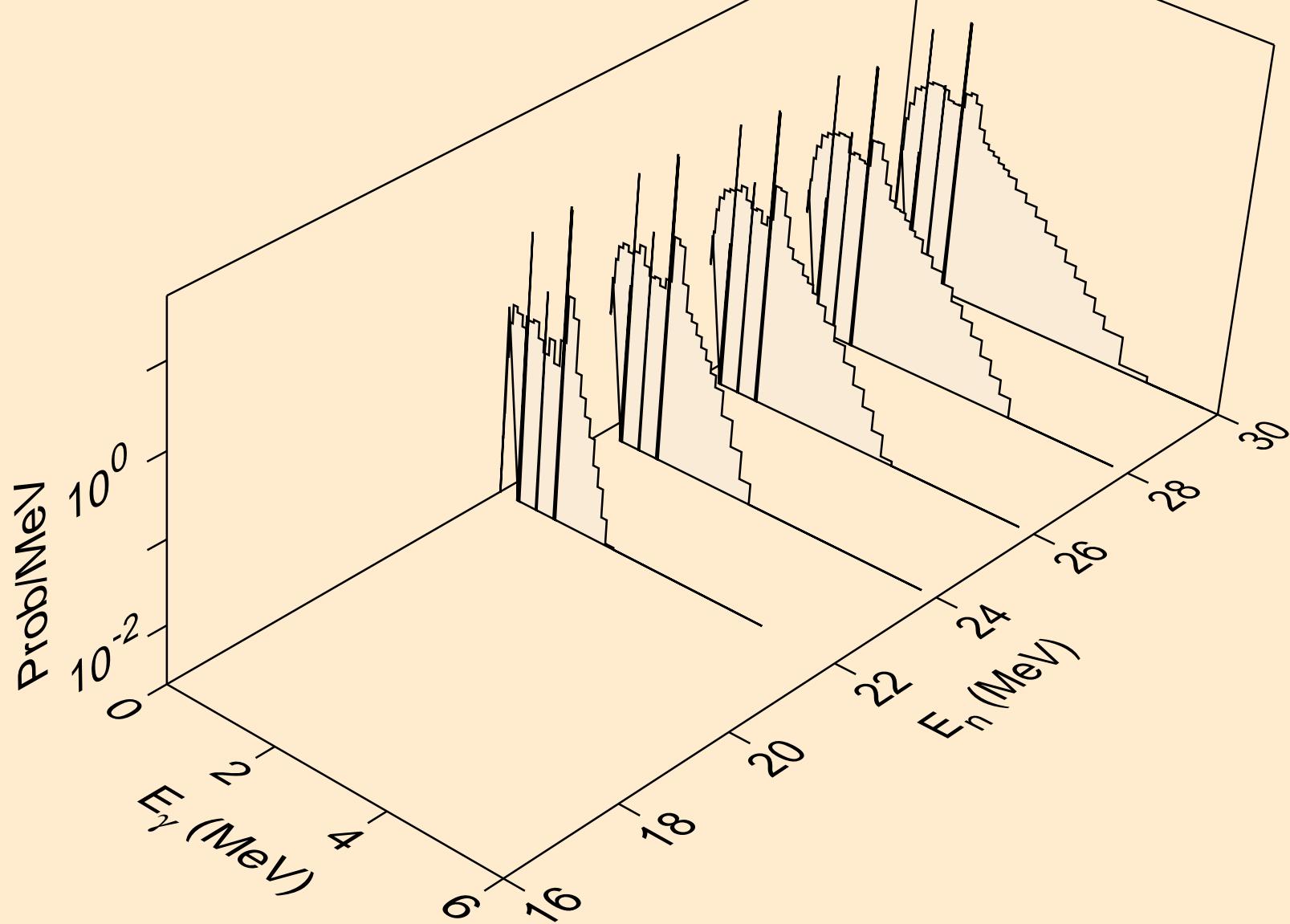
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



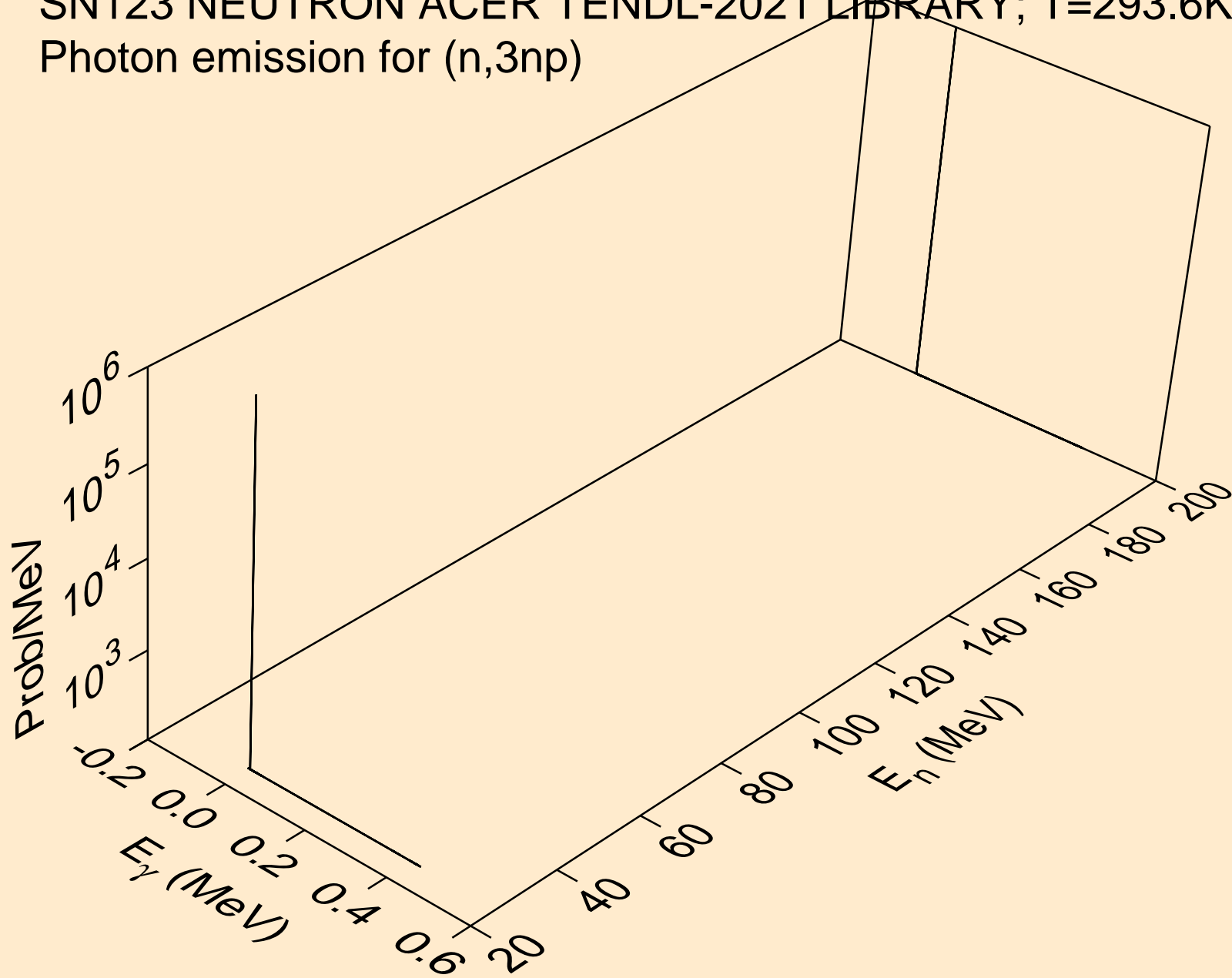
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



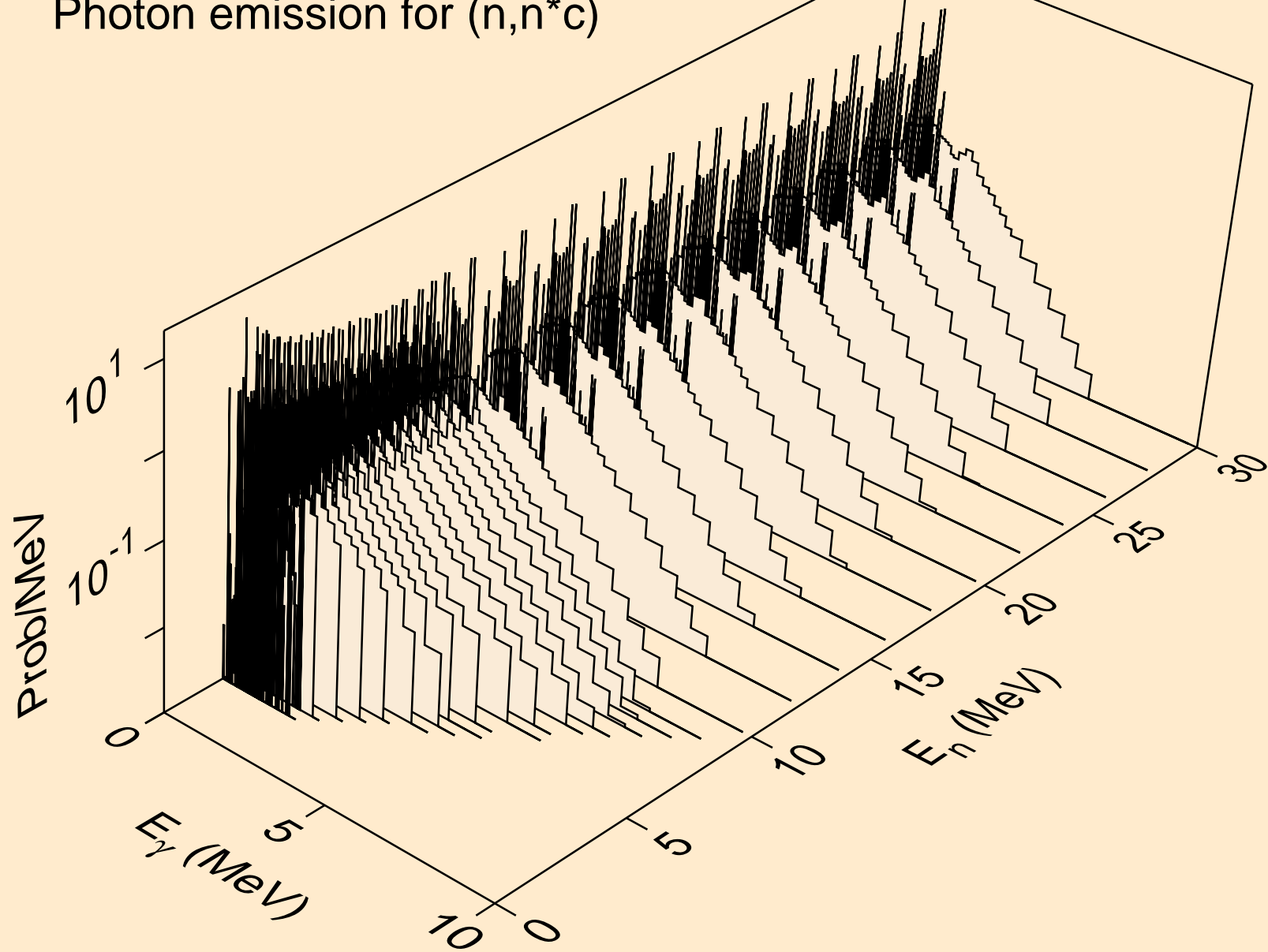
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Photon emission for (n,2np)



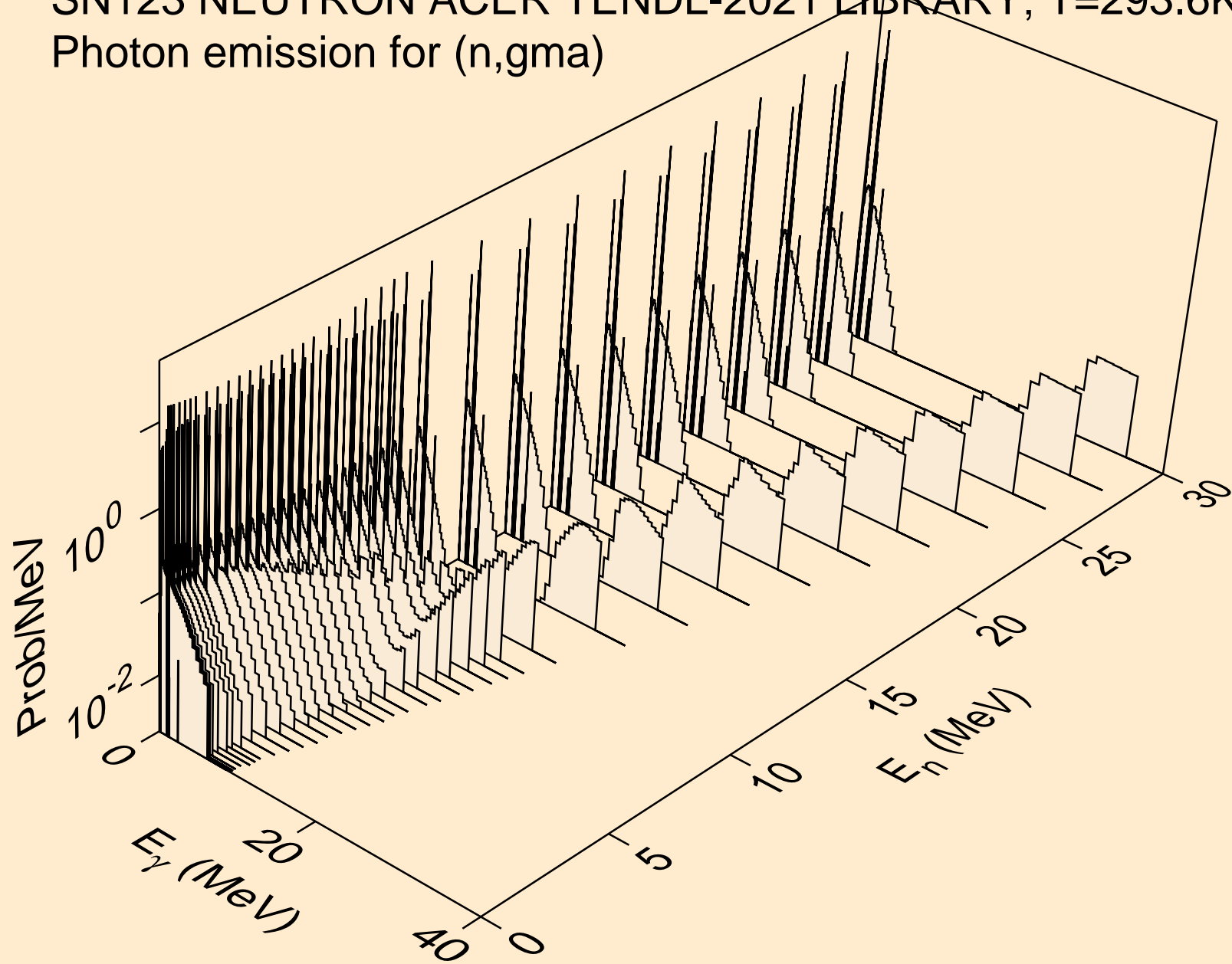
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



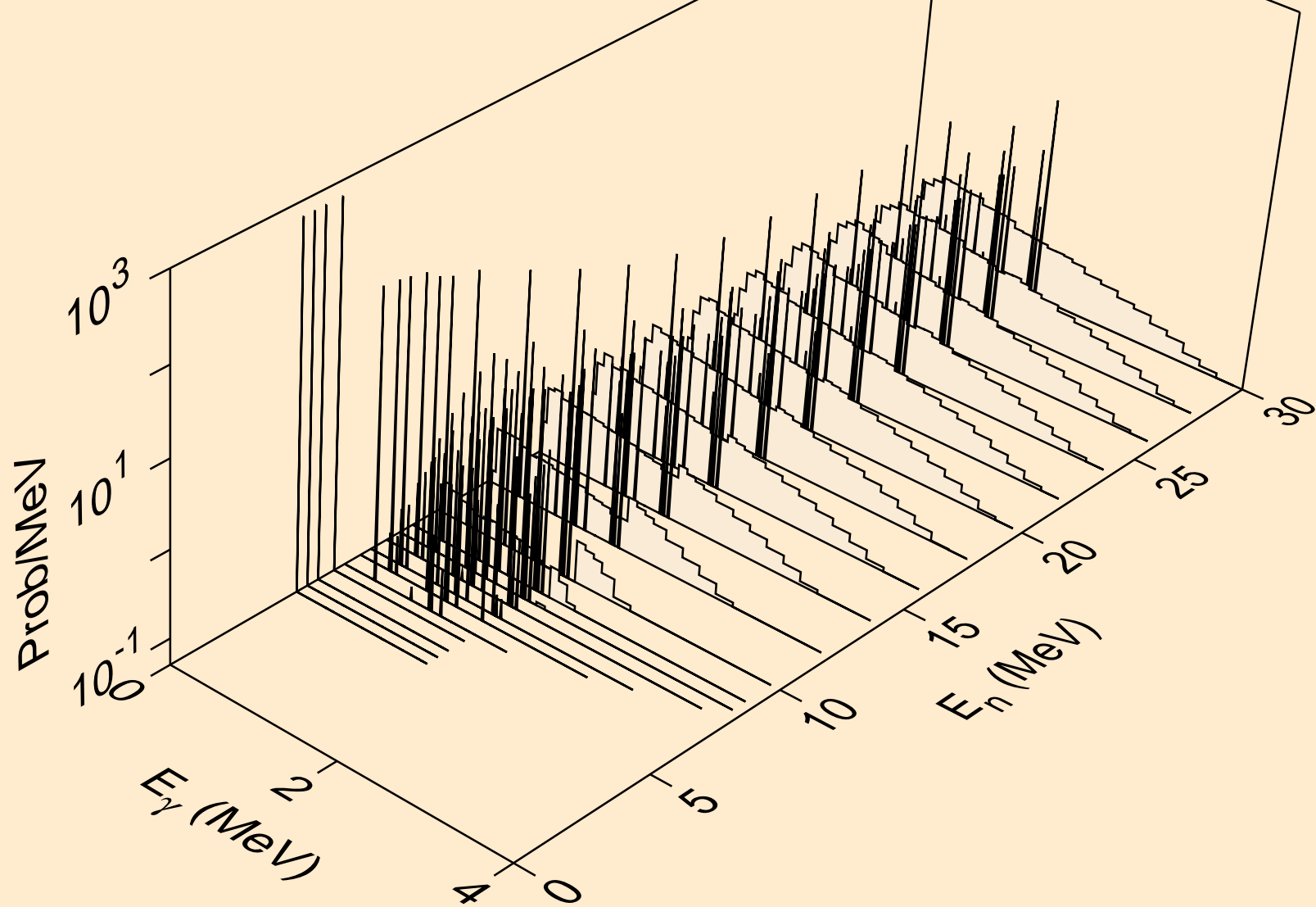
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



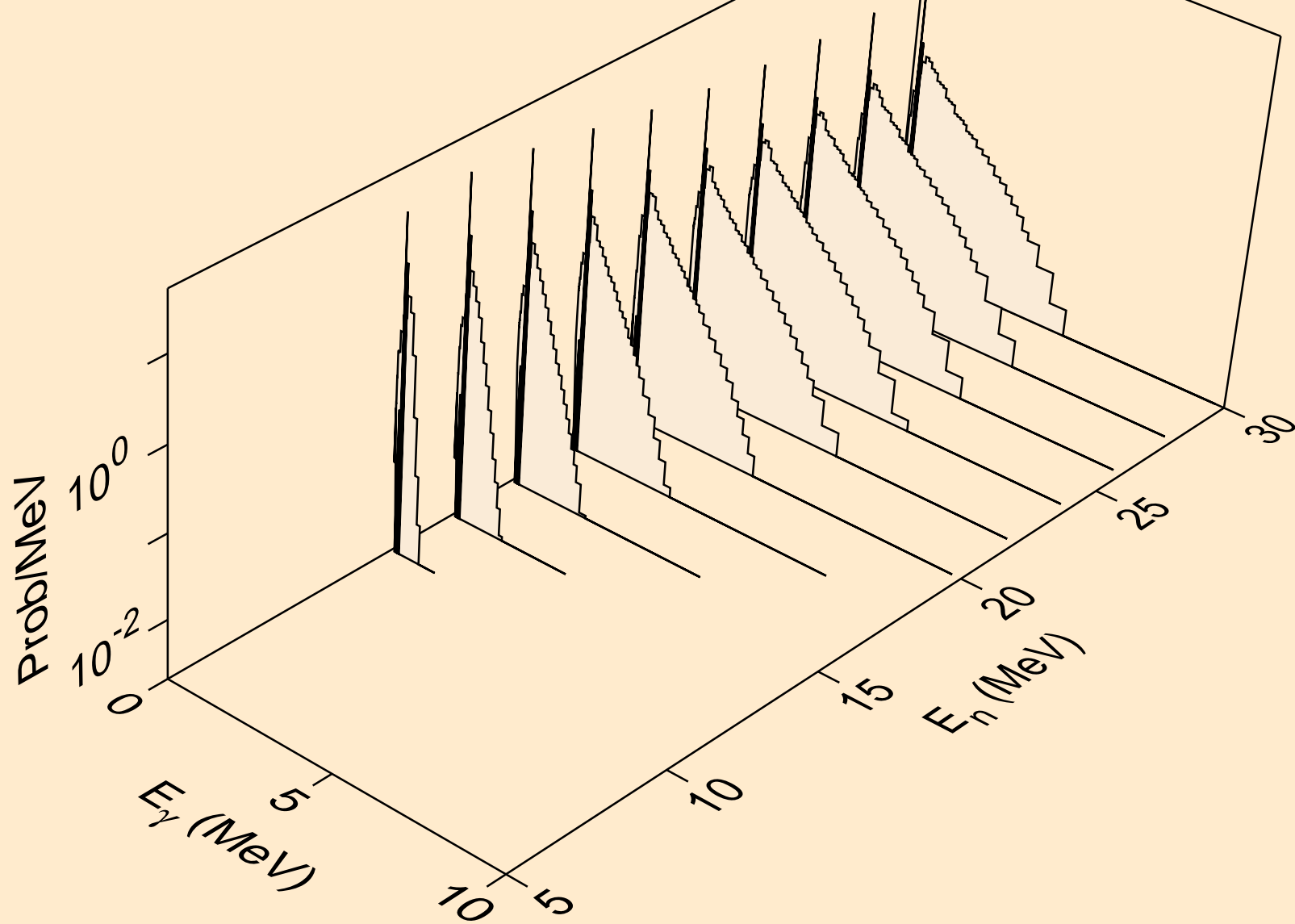
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



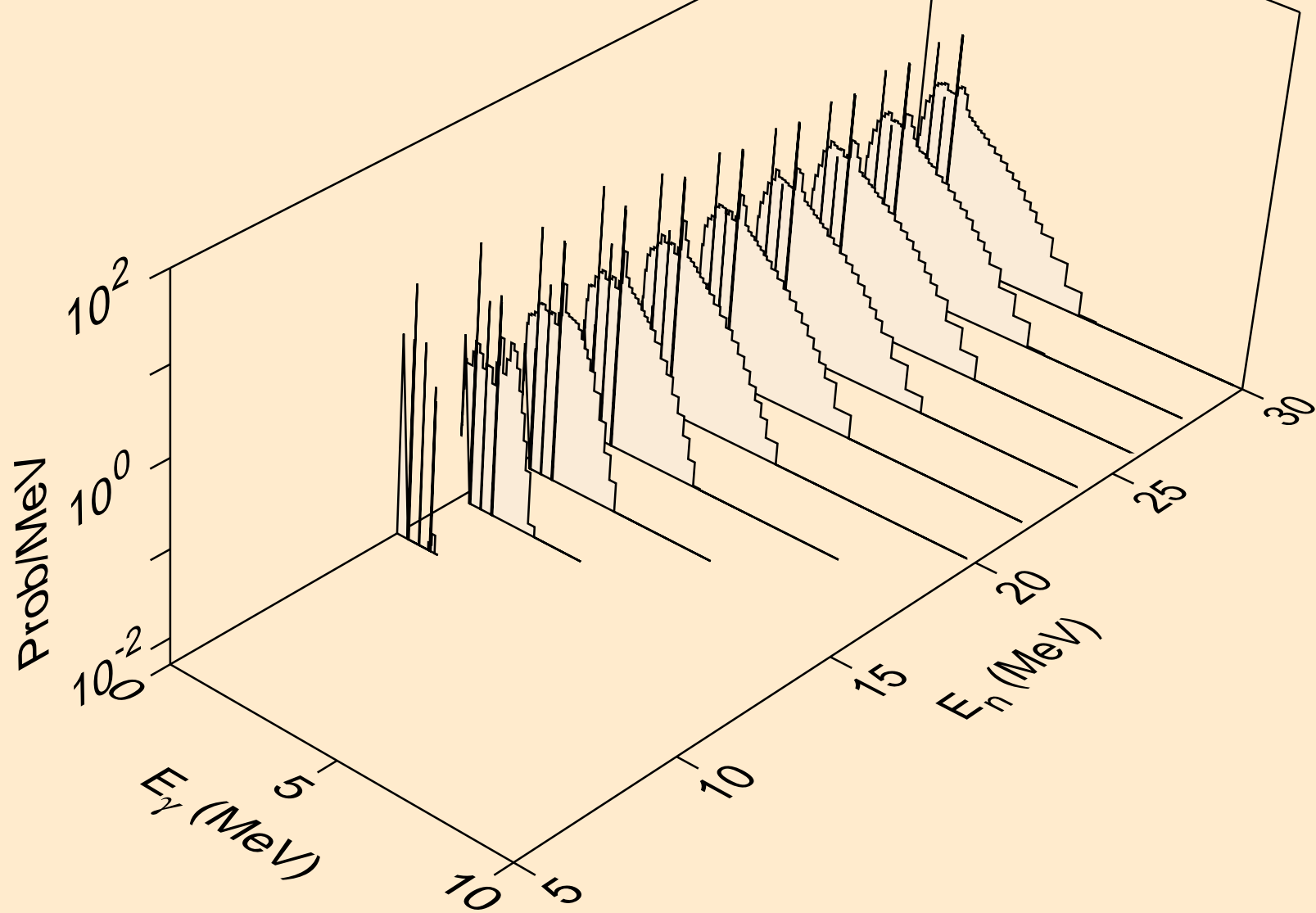
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



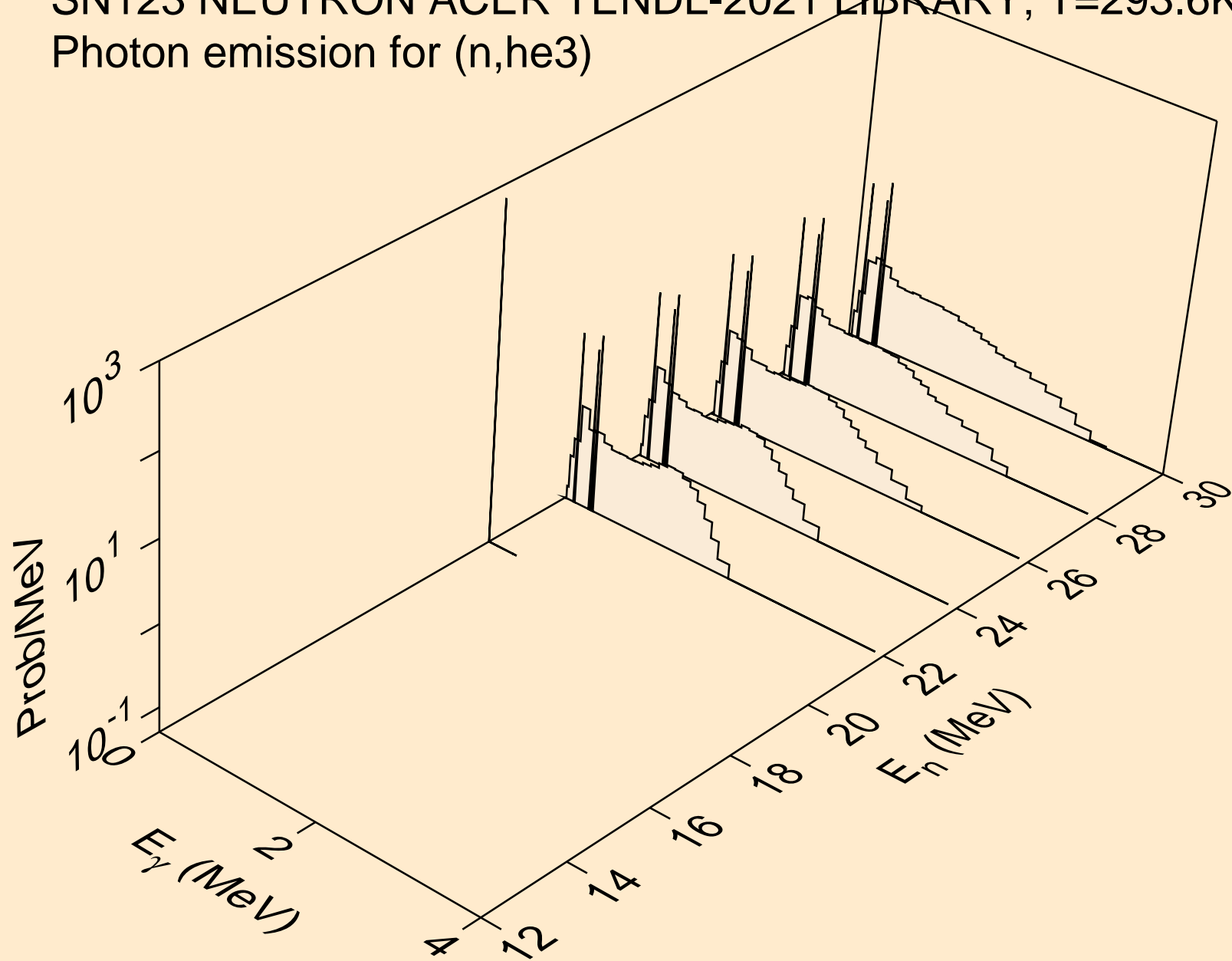
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



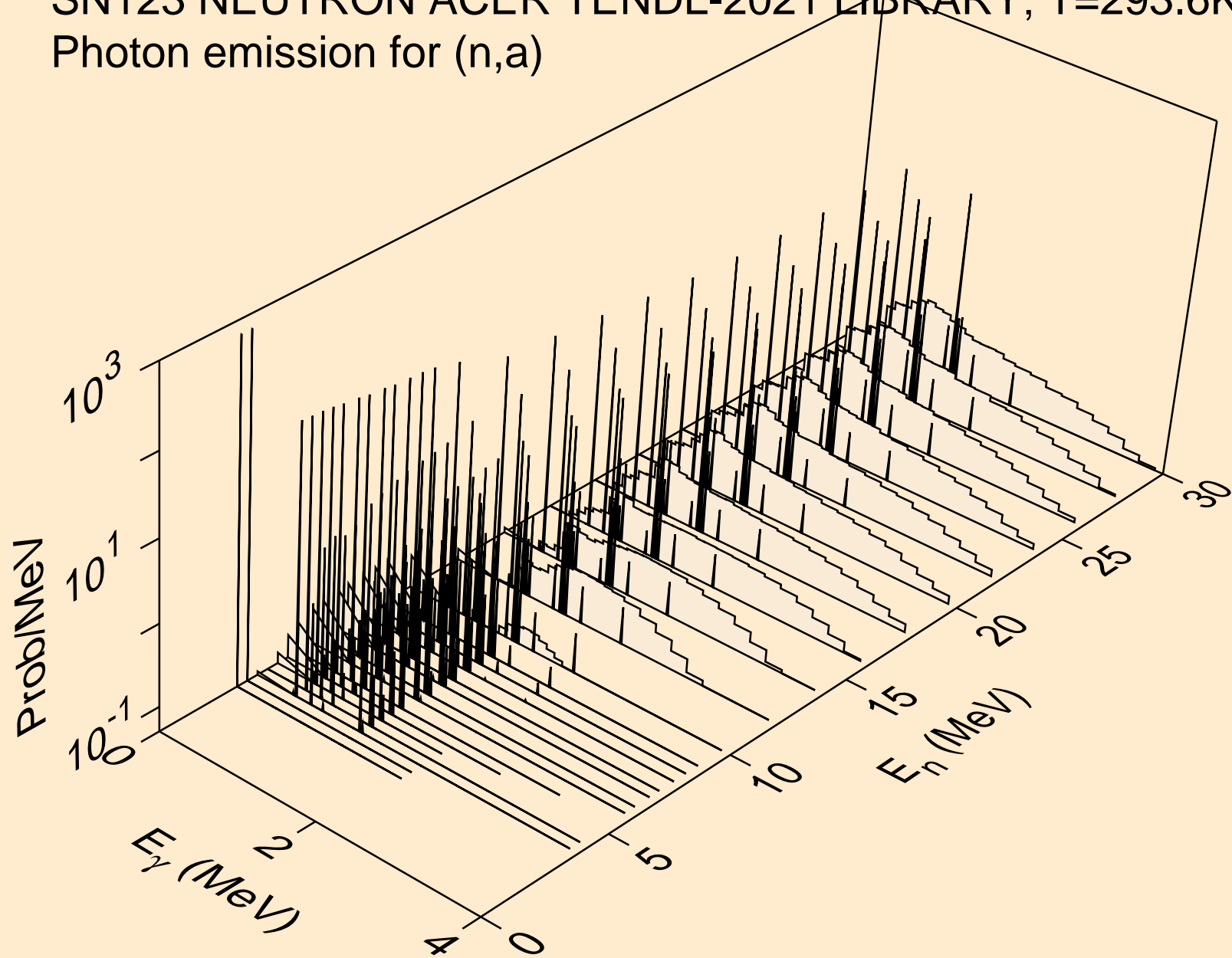
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



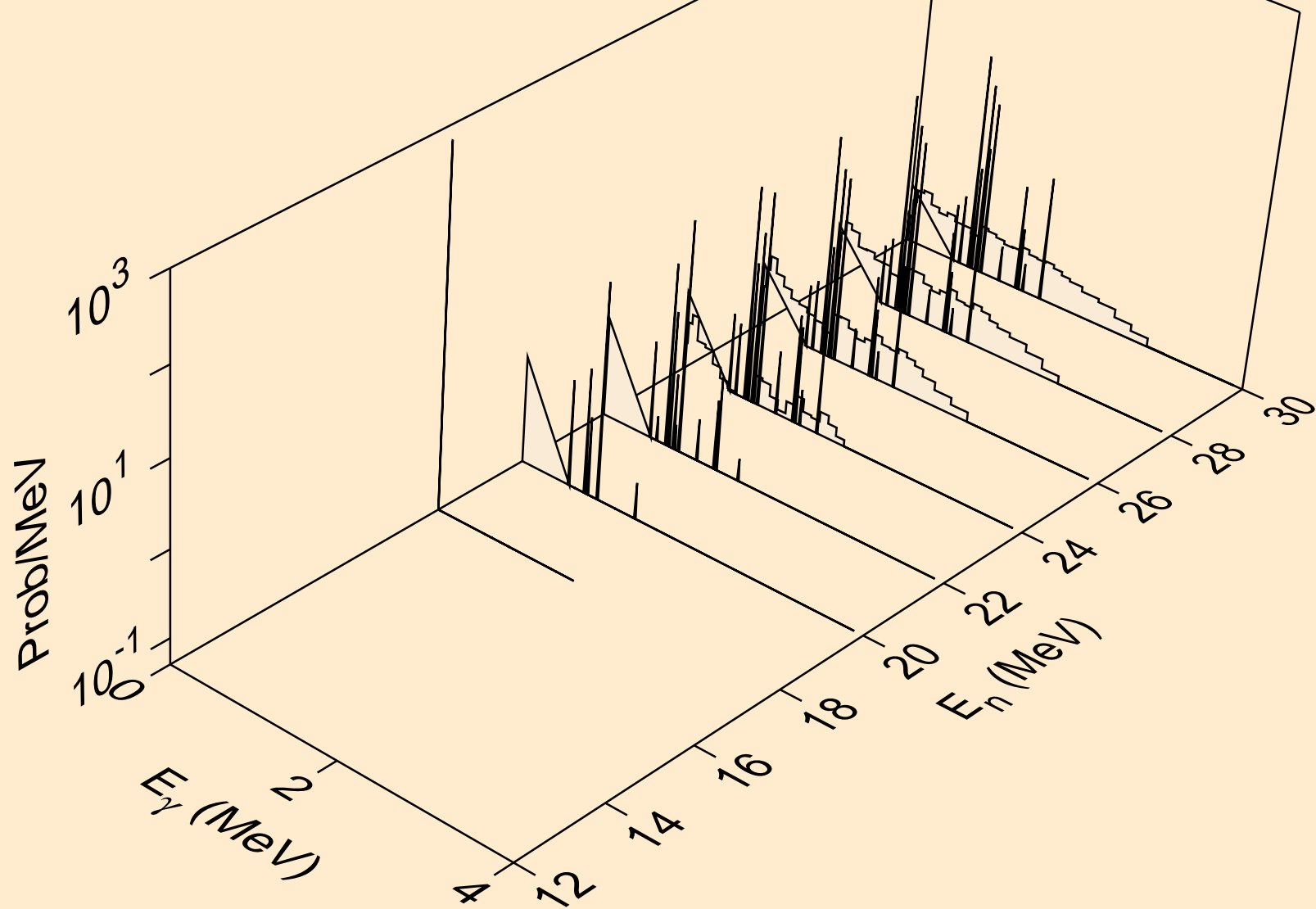
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Photon emission for (n,he3)



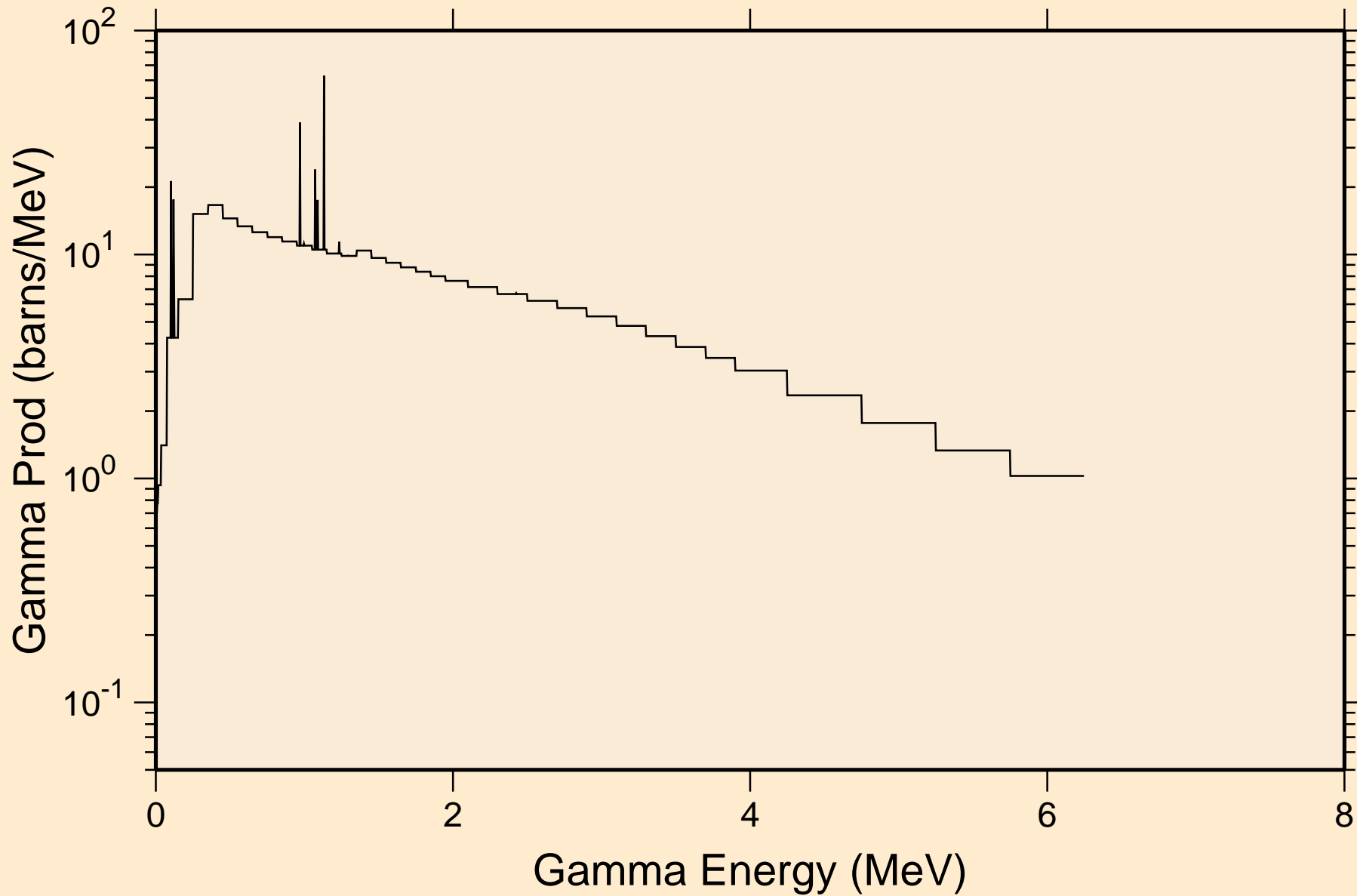
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



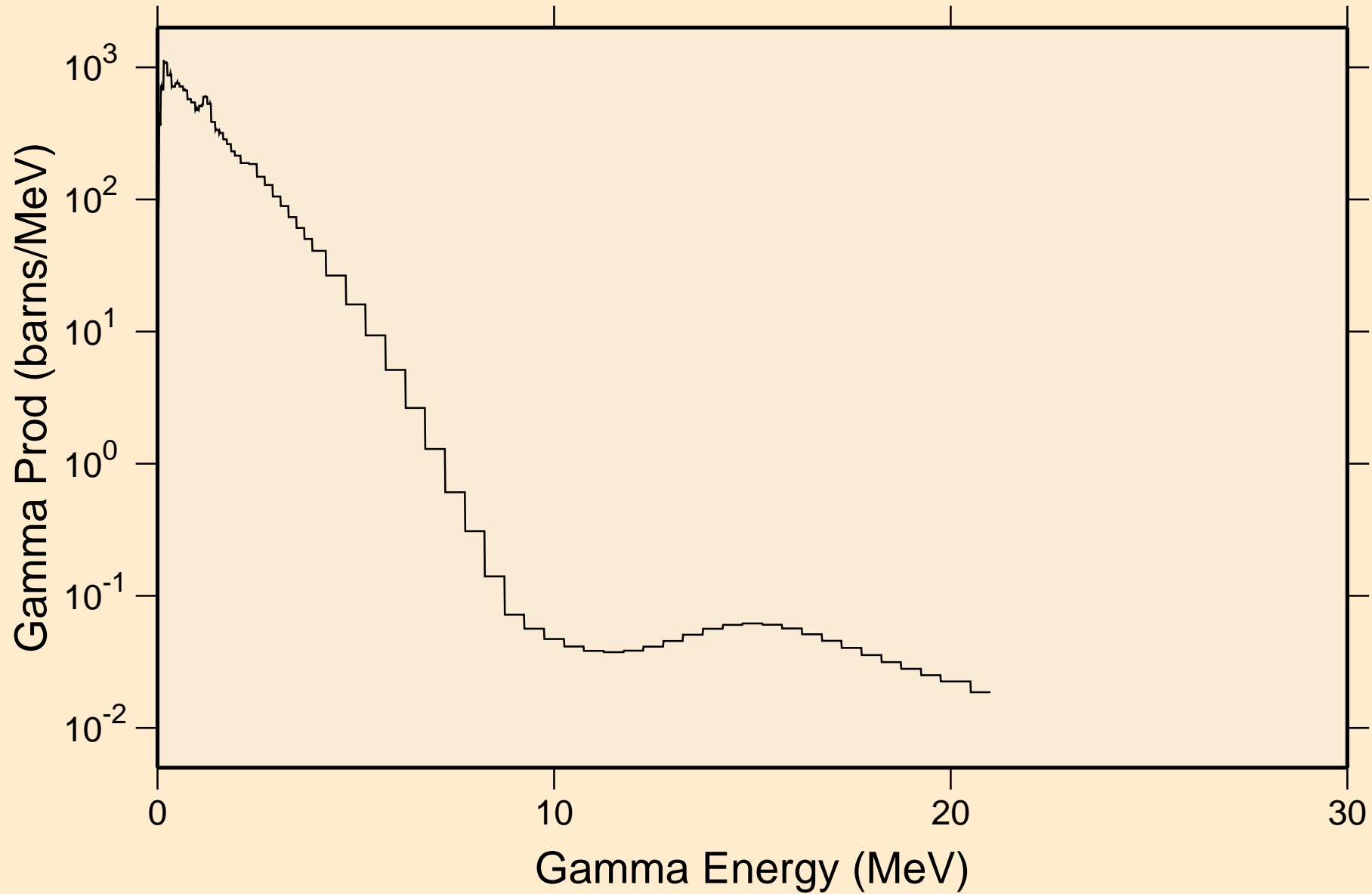
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

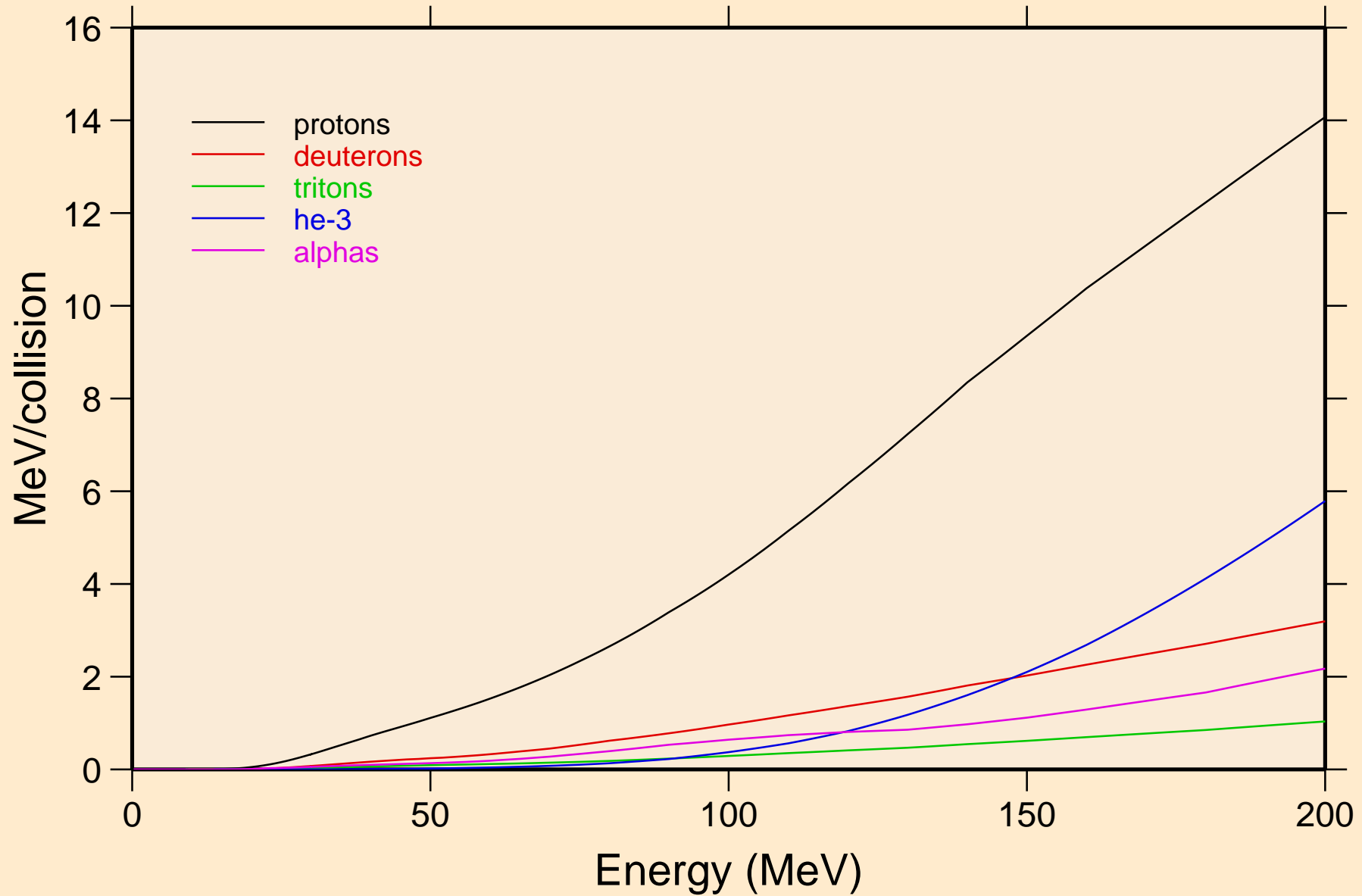


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

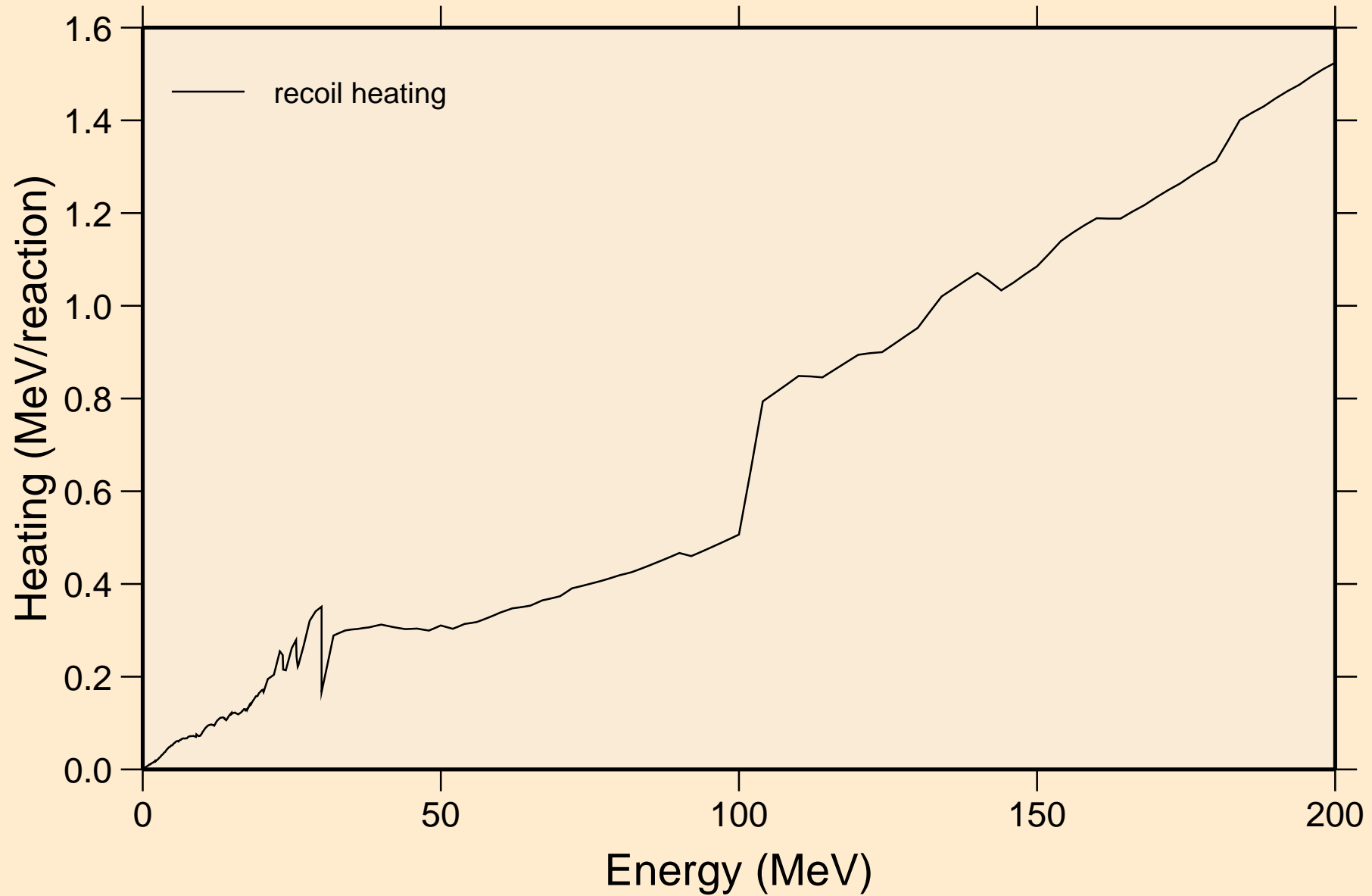


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

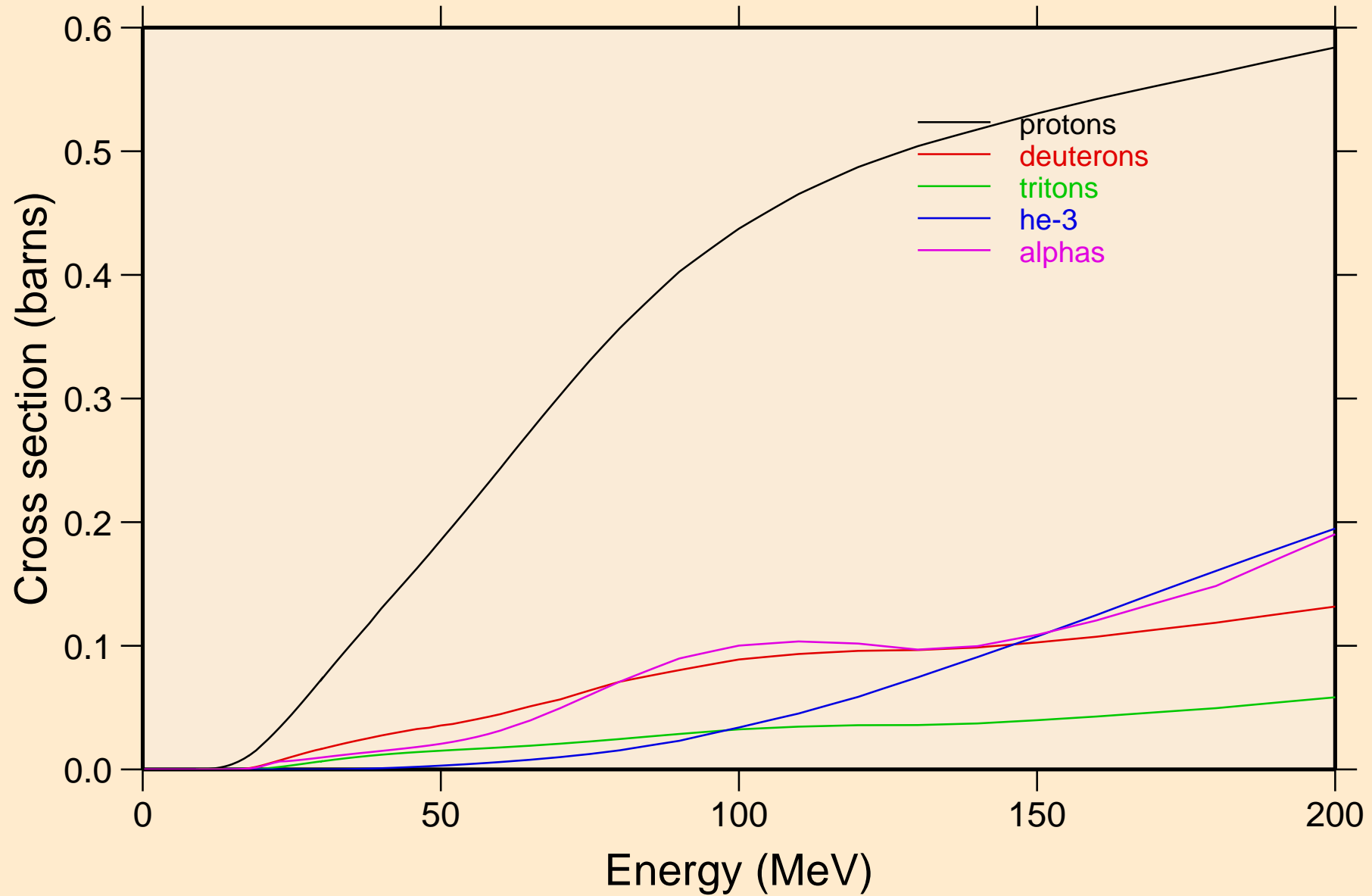


SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

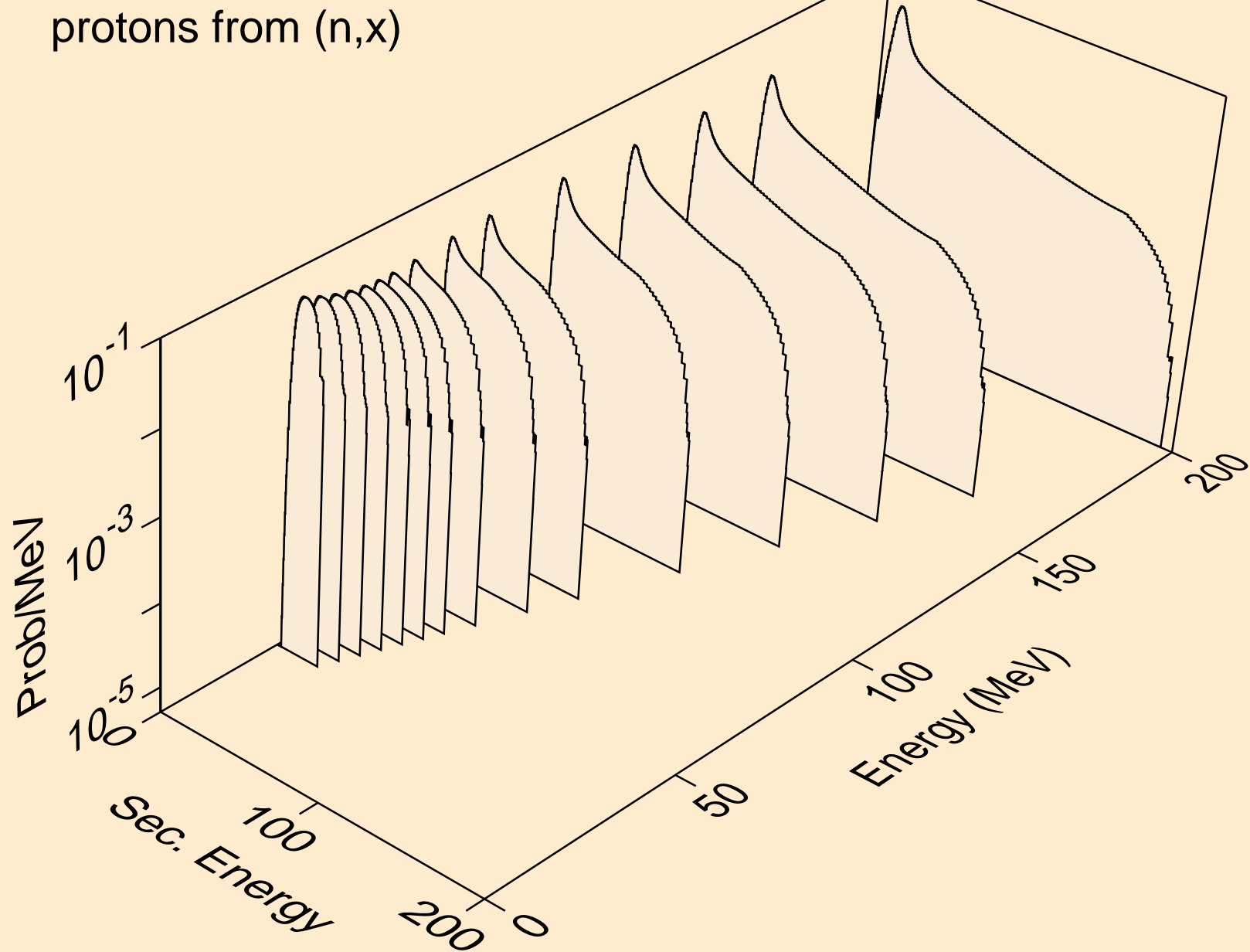


# SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

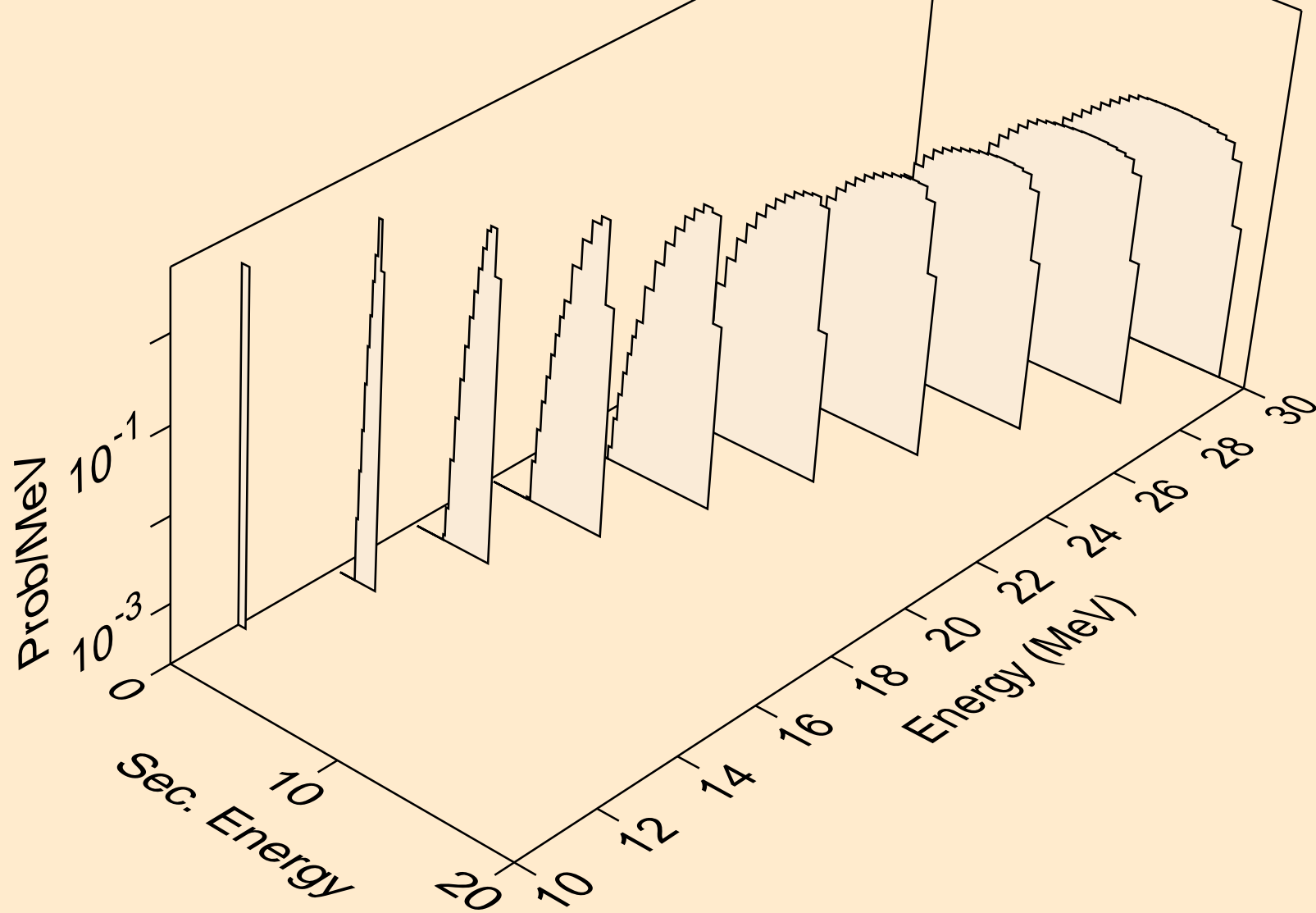
## Particle production cross sections



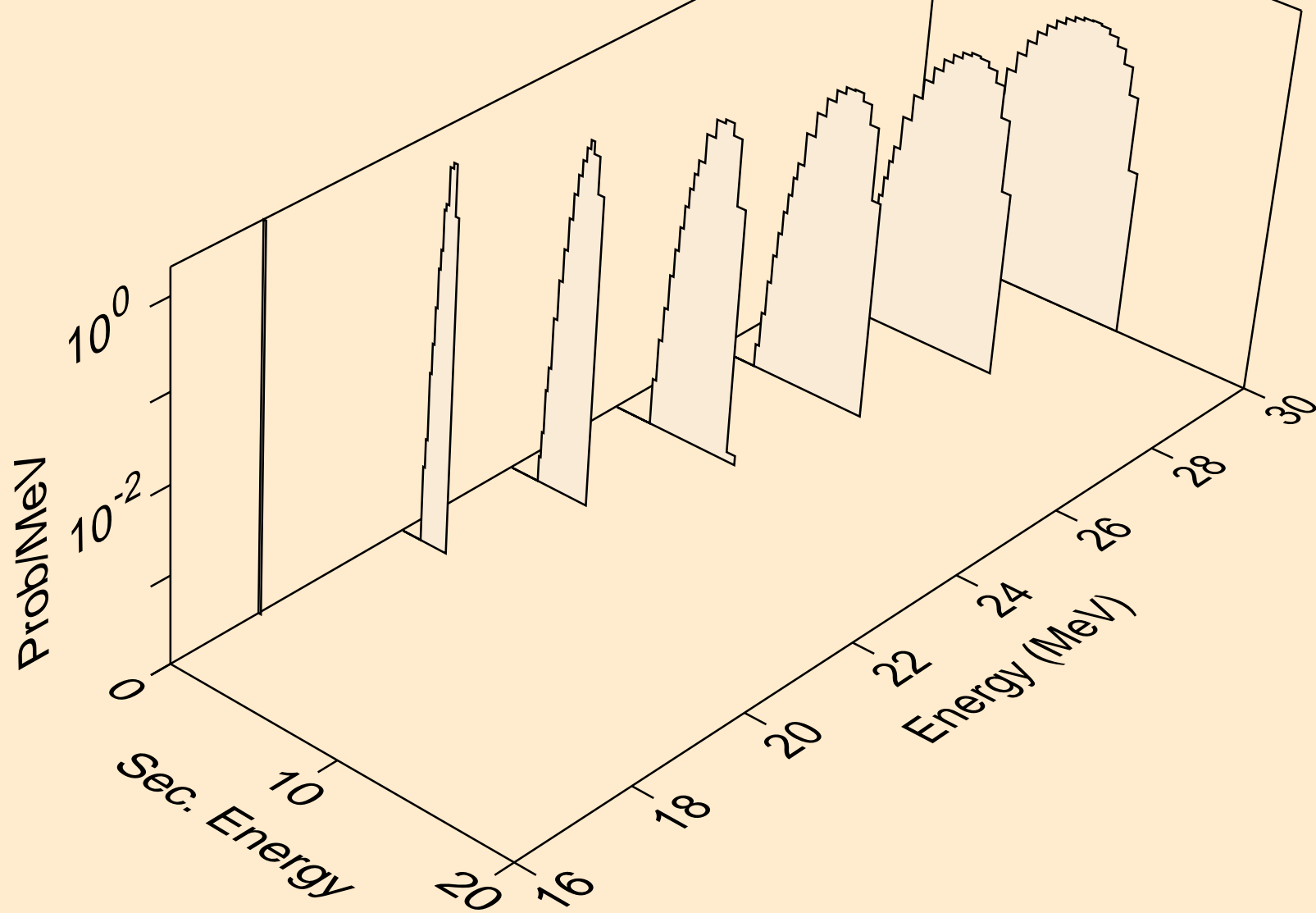
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



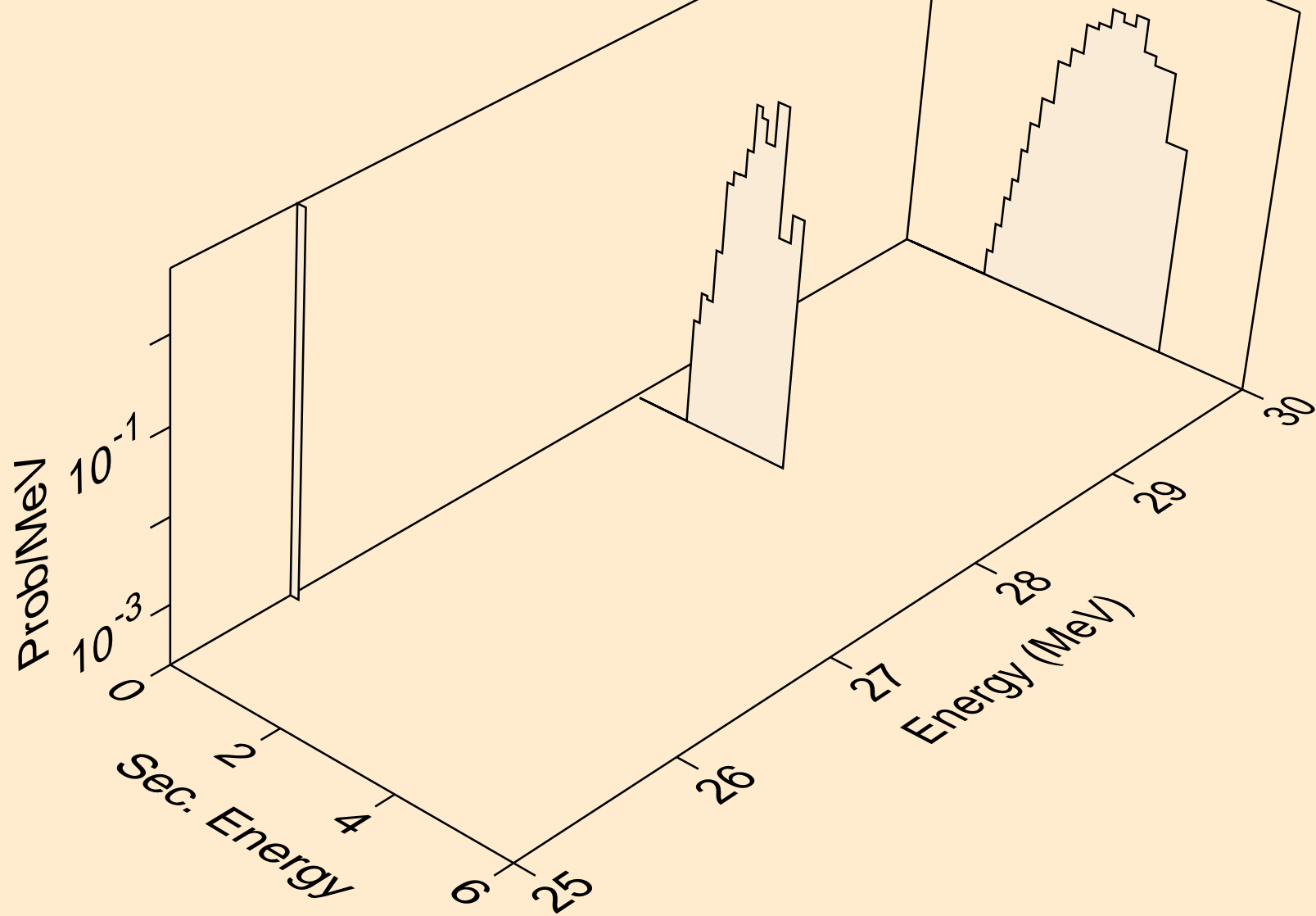
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protons from (n,n\*)p



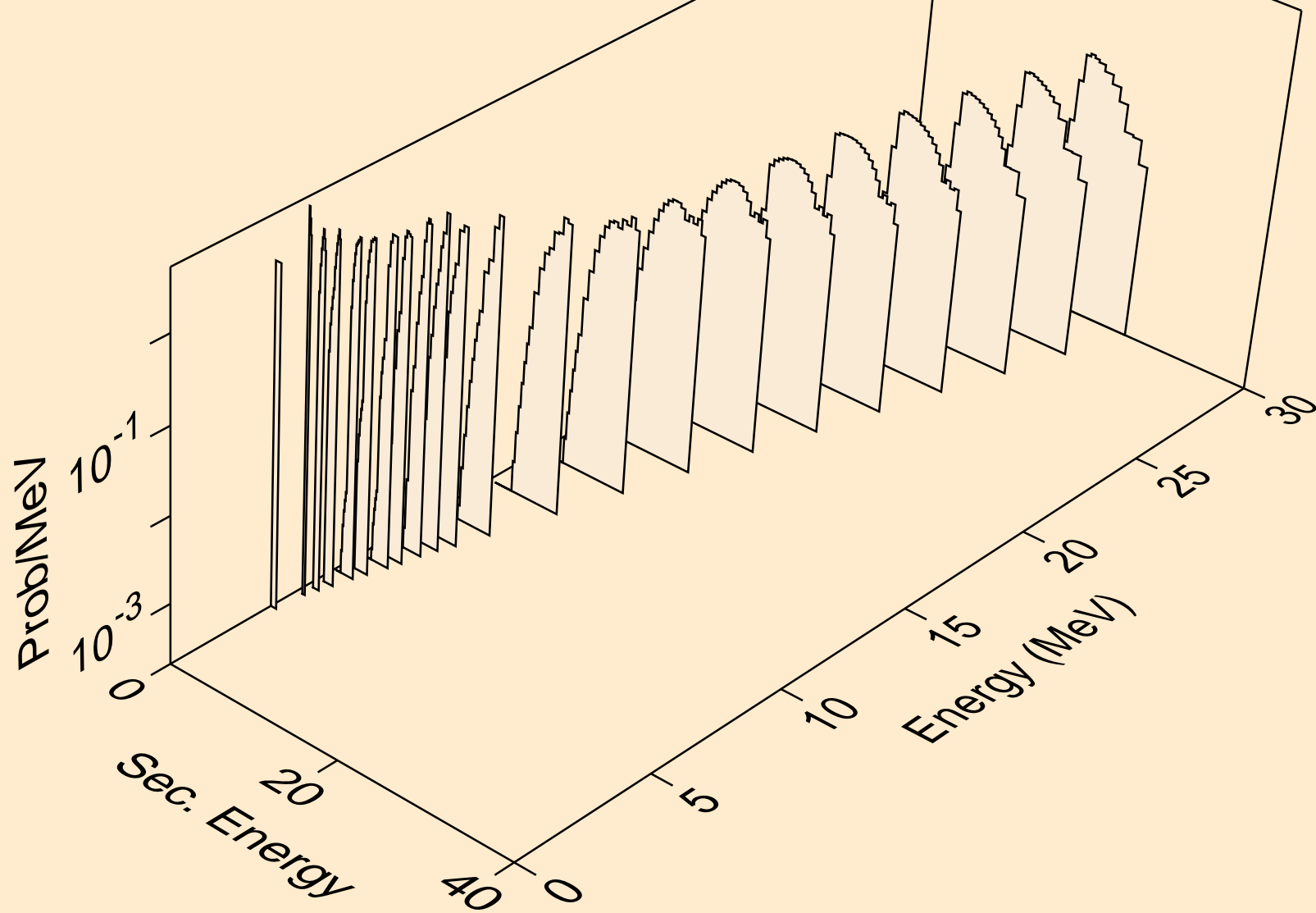
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



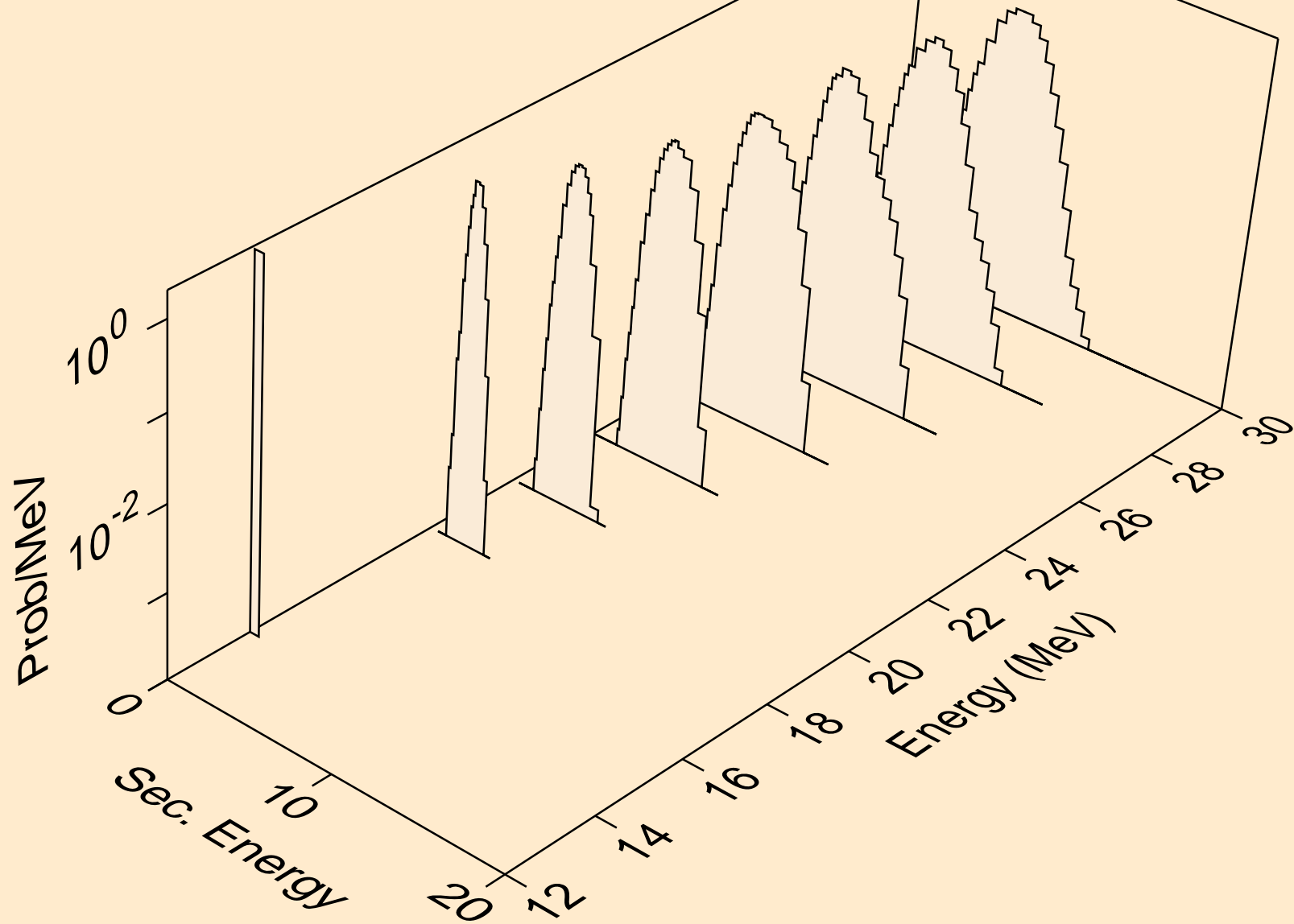
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



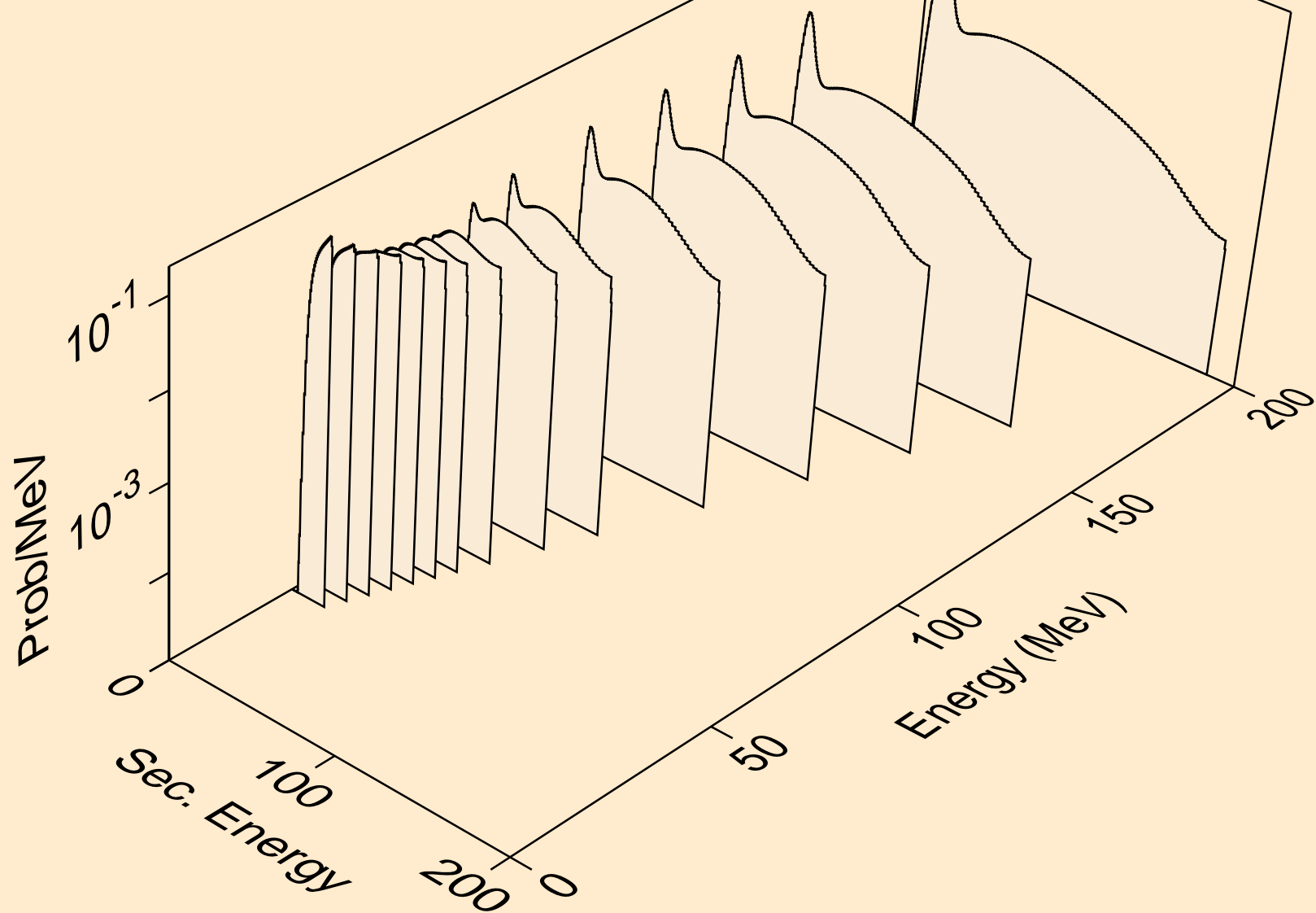
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protons from (n,p)



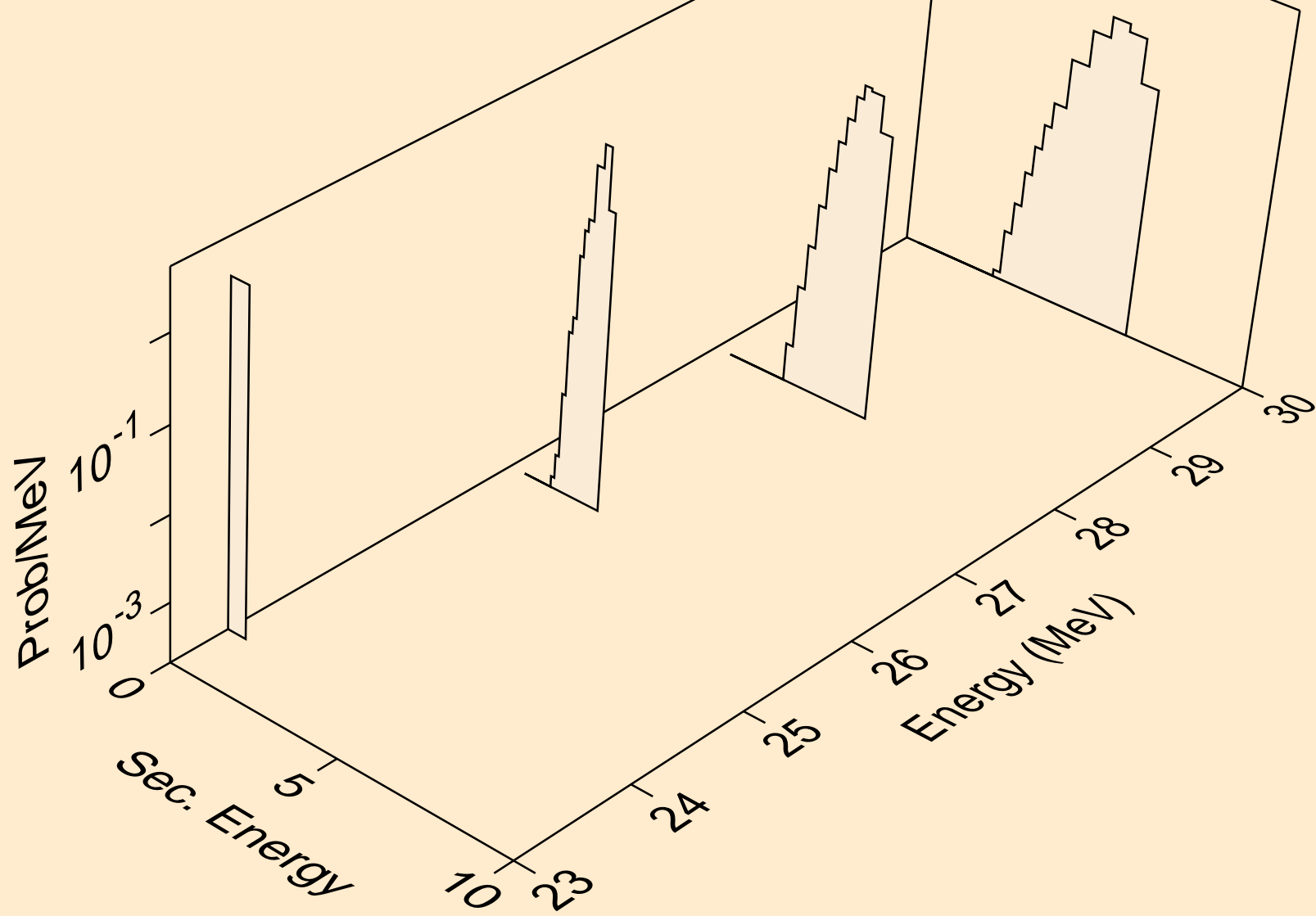
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protons from (n,2p)



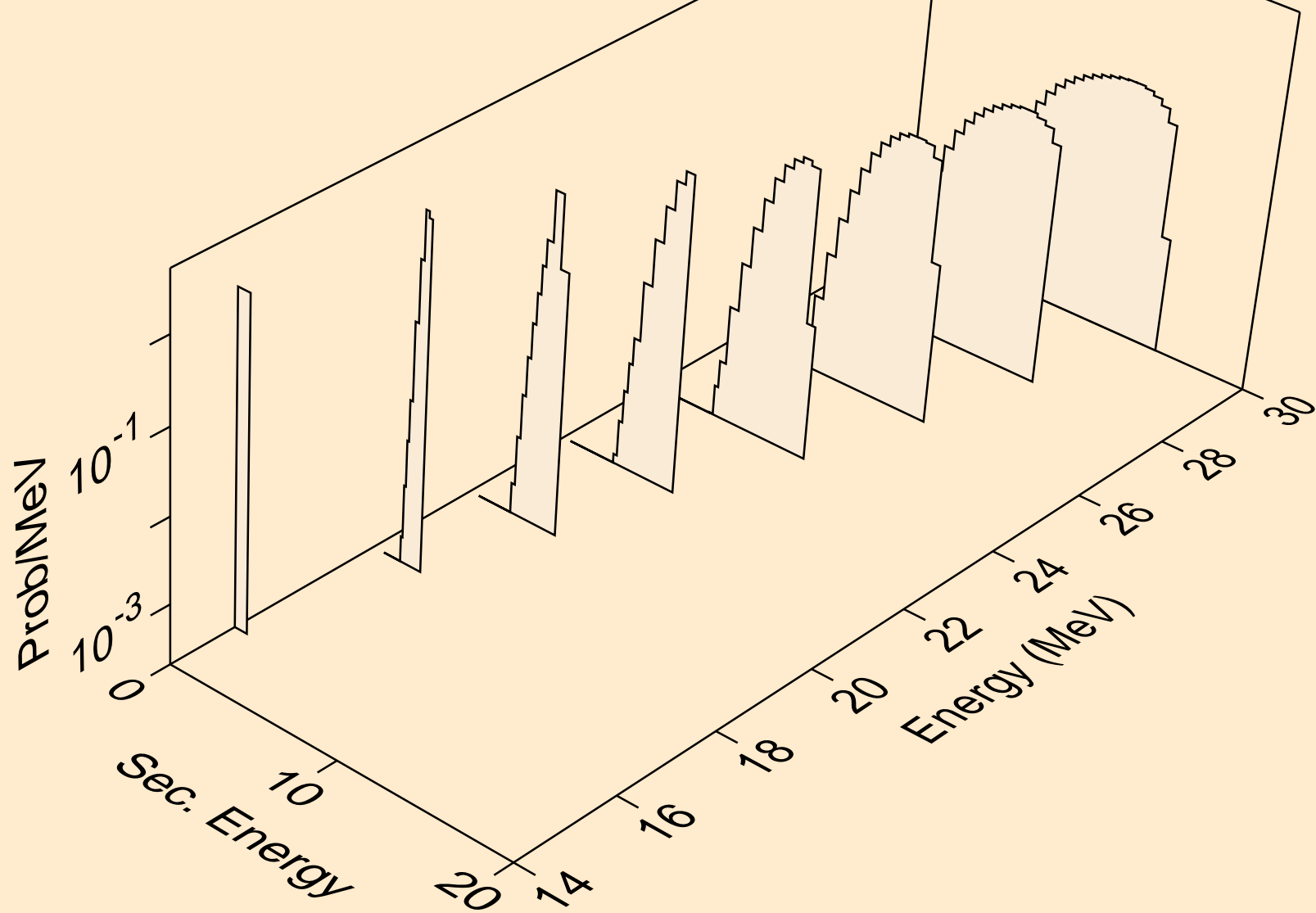
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deuterons from (n,x)



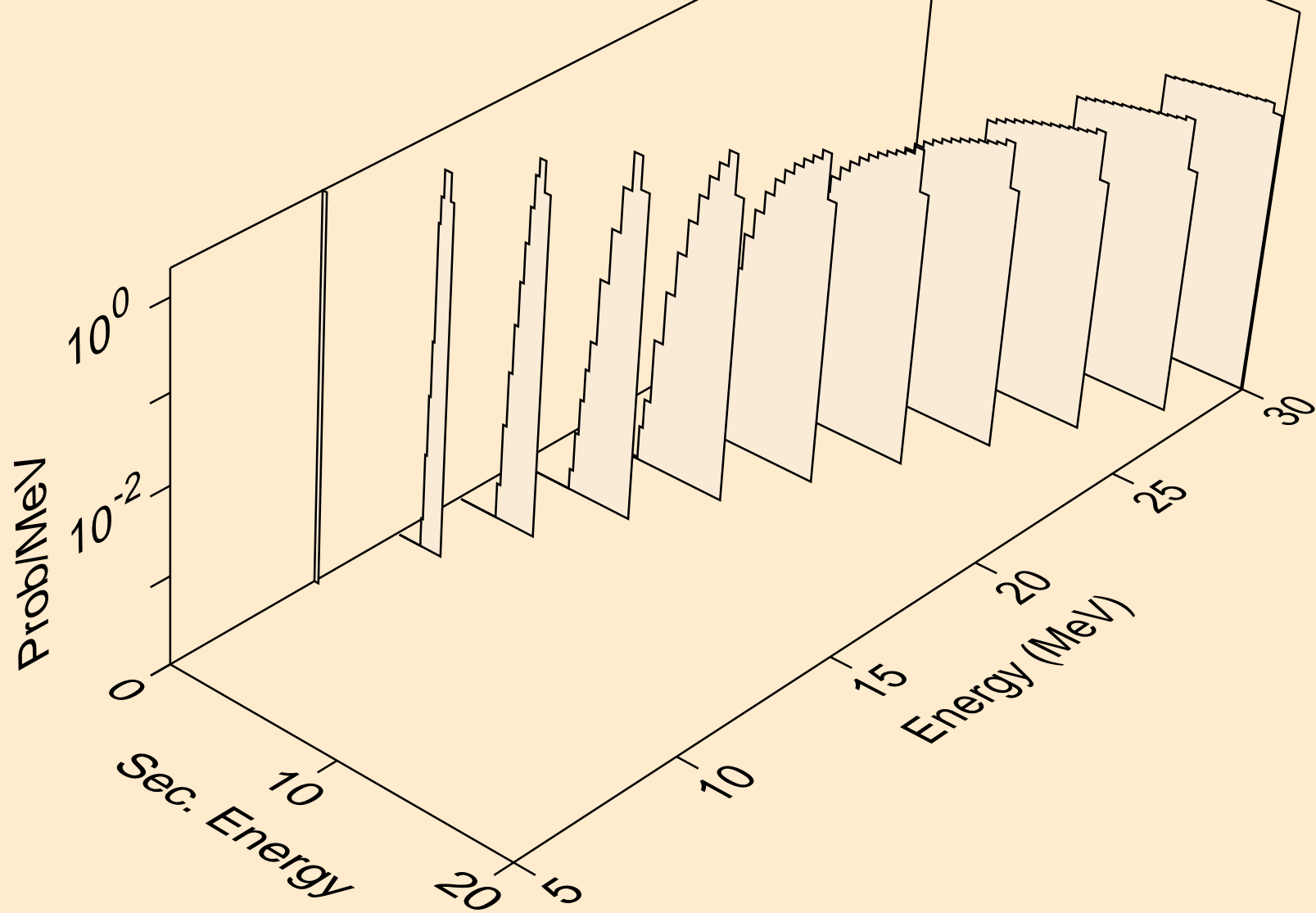
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deuterons from (n,2nd)



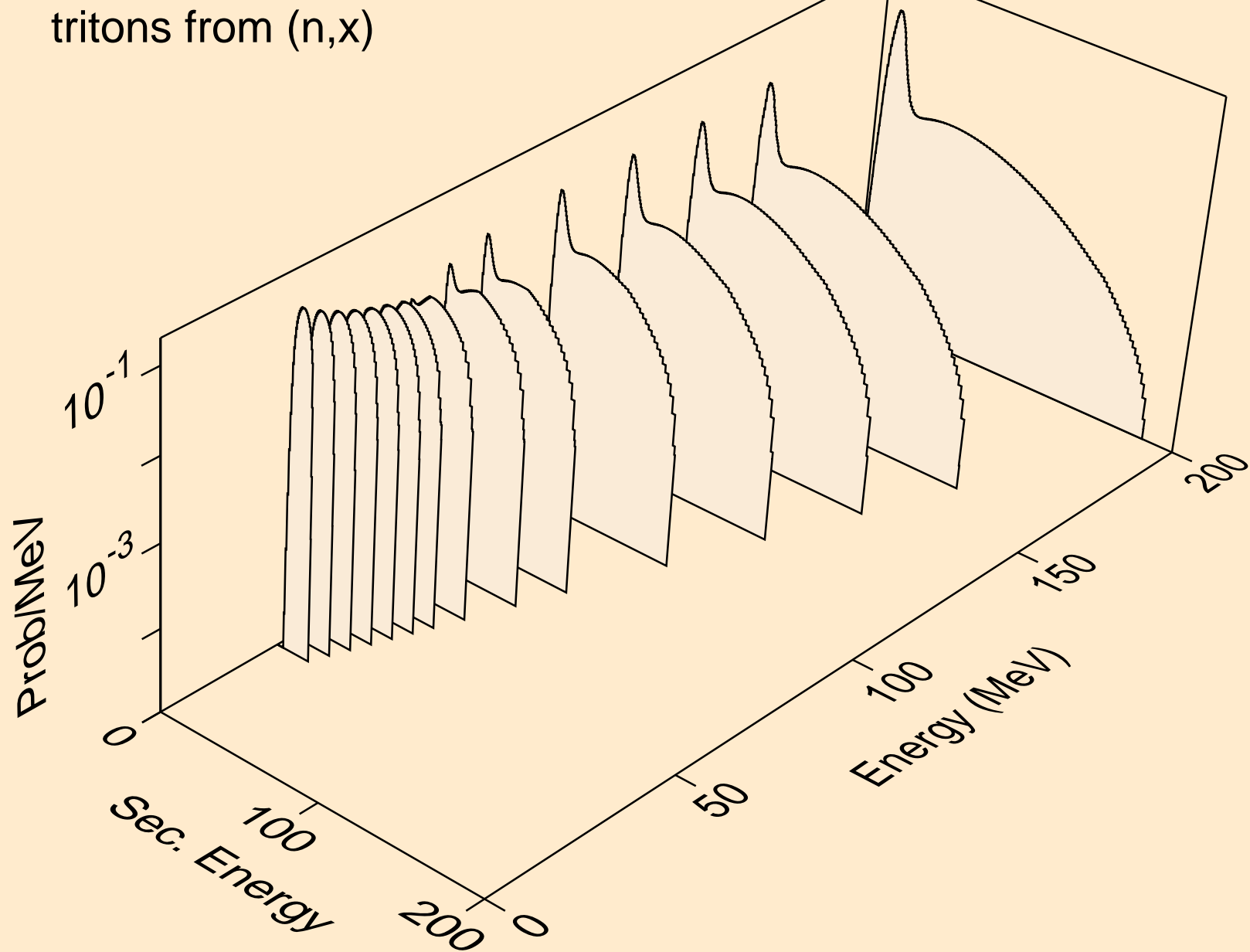
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deuterons from (n,n\*)d



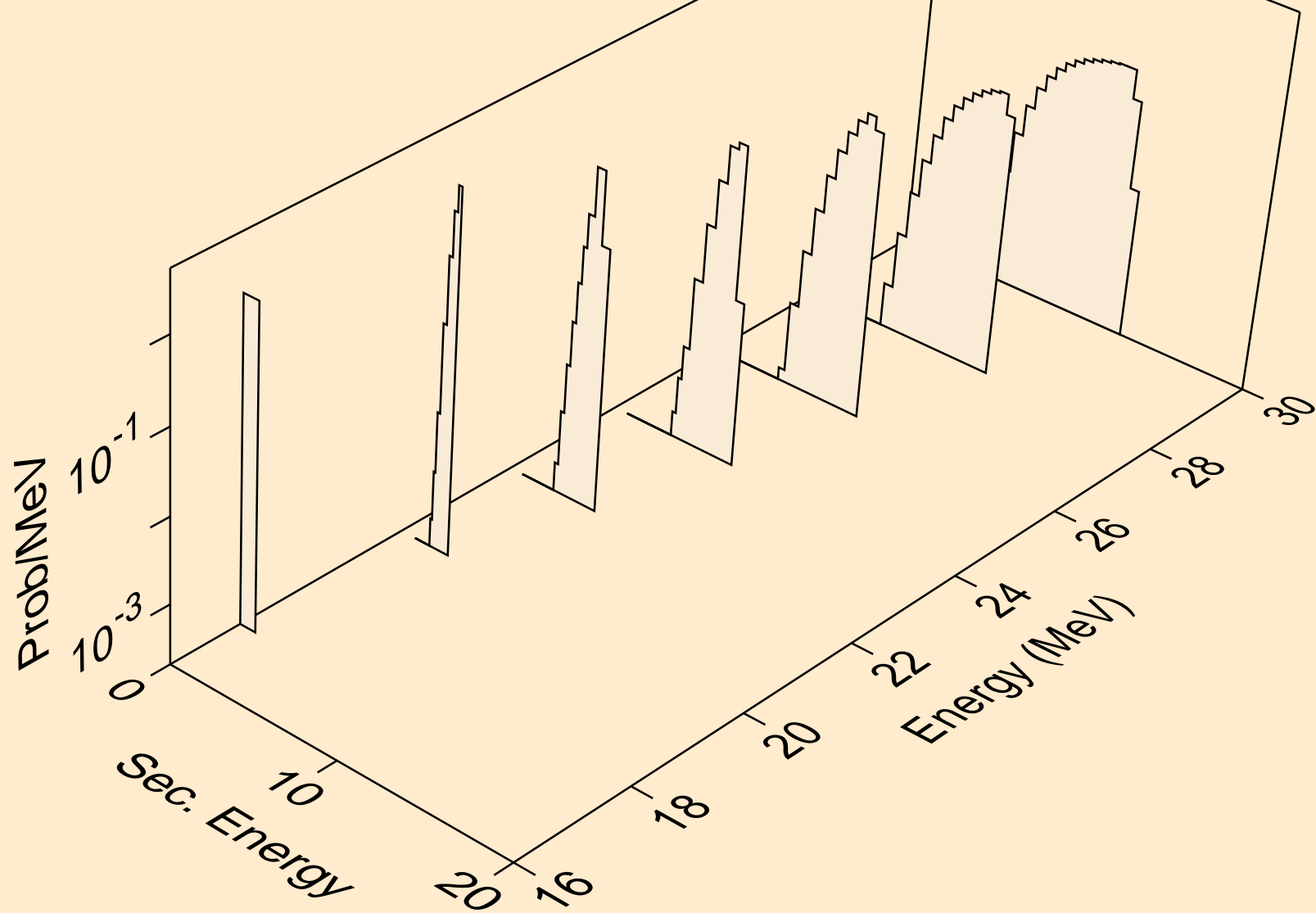
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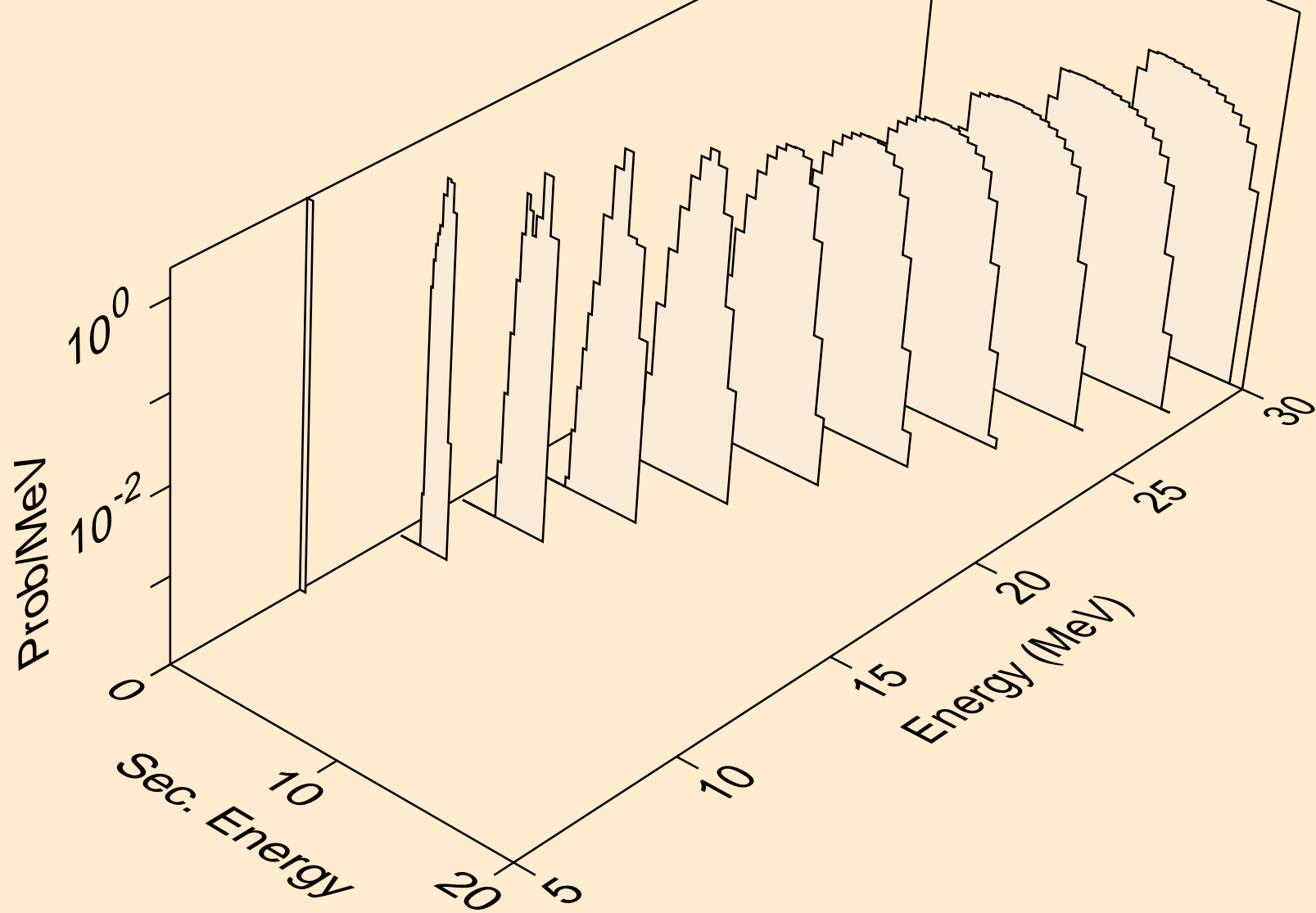
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tritons from (n,x)



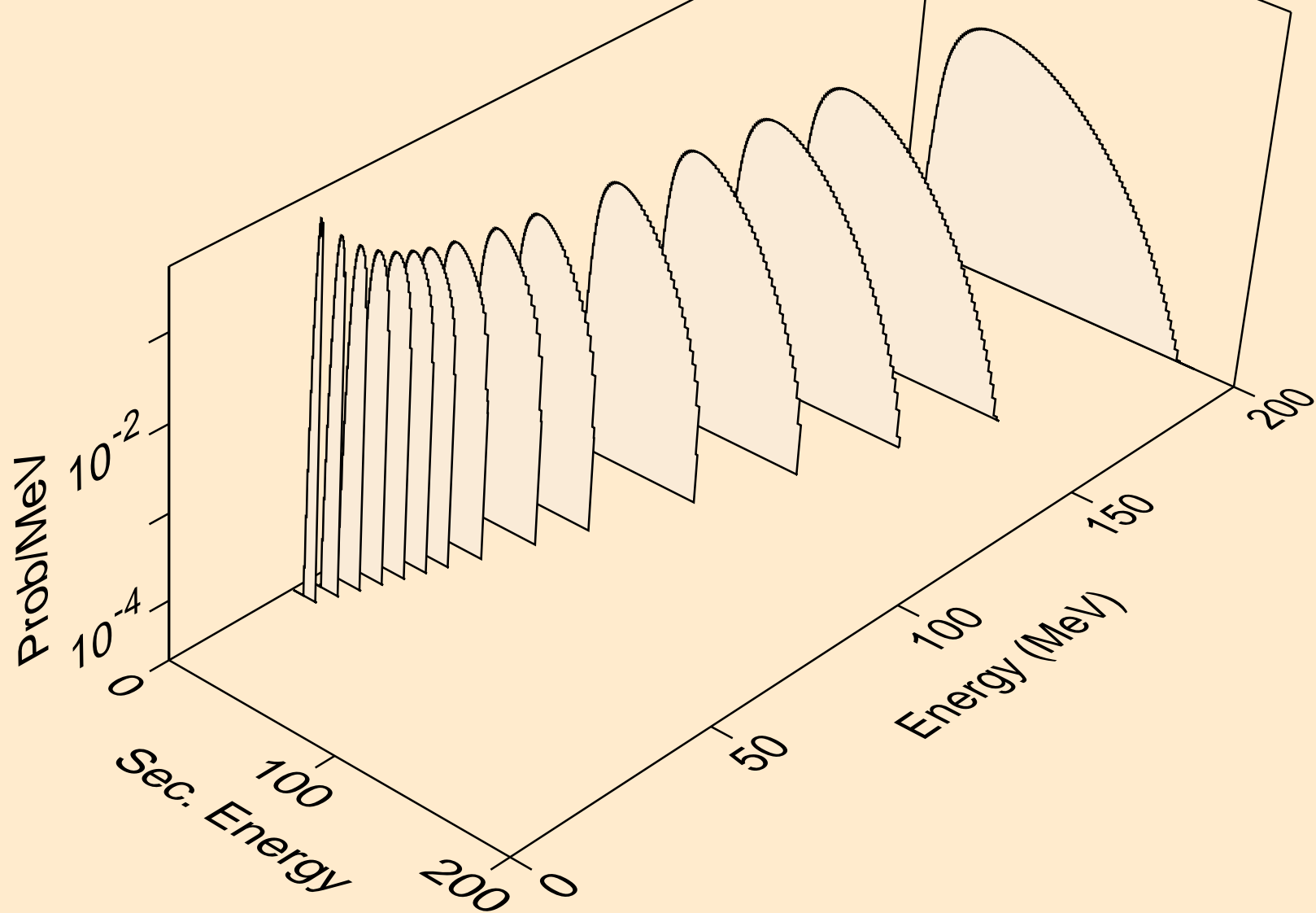
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tritons from (n,n\*)t



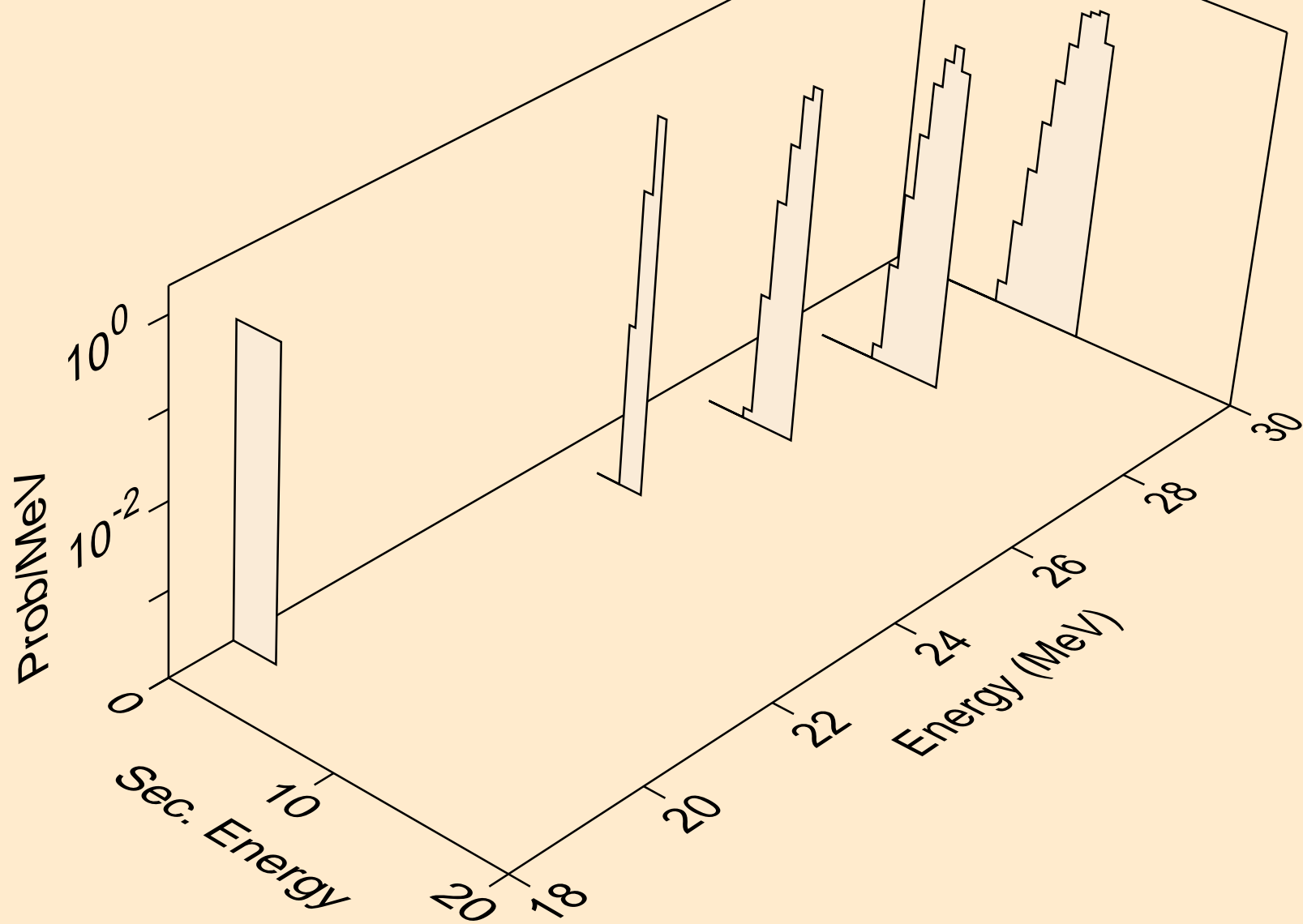
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tritons from (n,t)



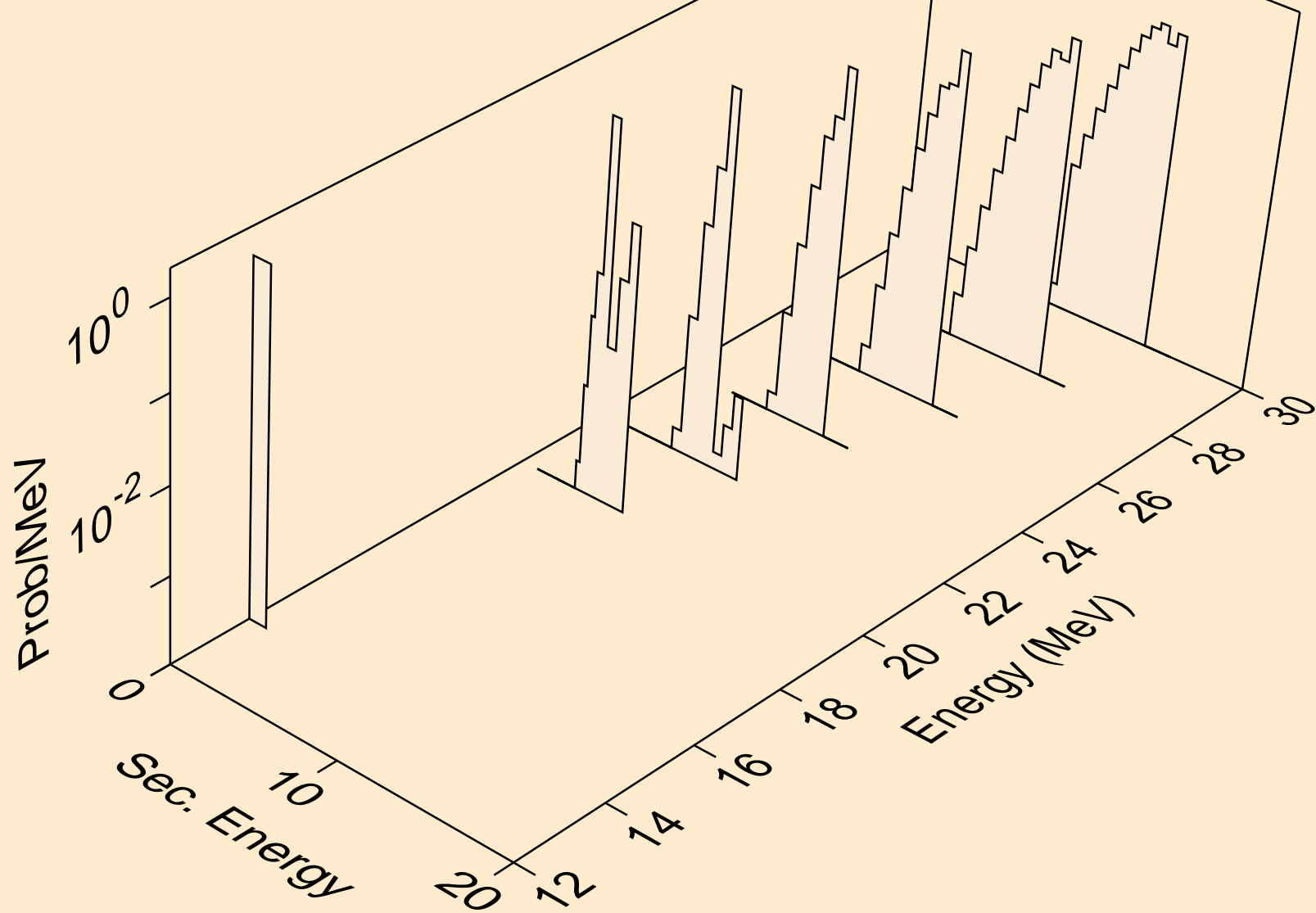
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he3s from (n,x)



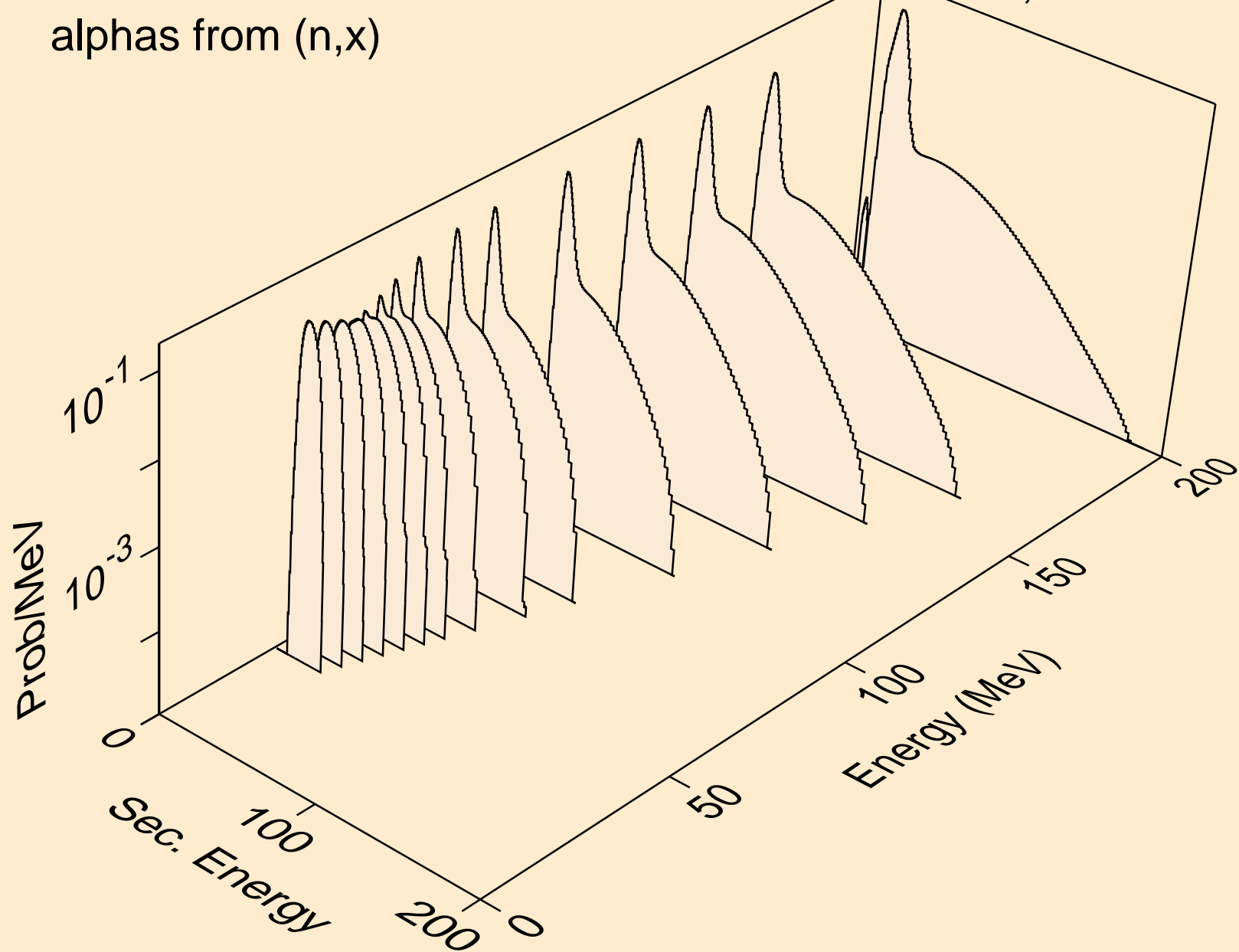
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he3s from (n,n\*)he3



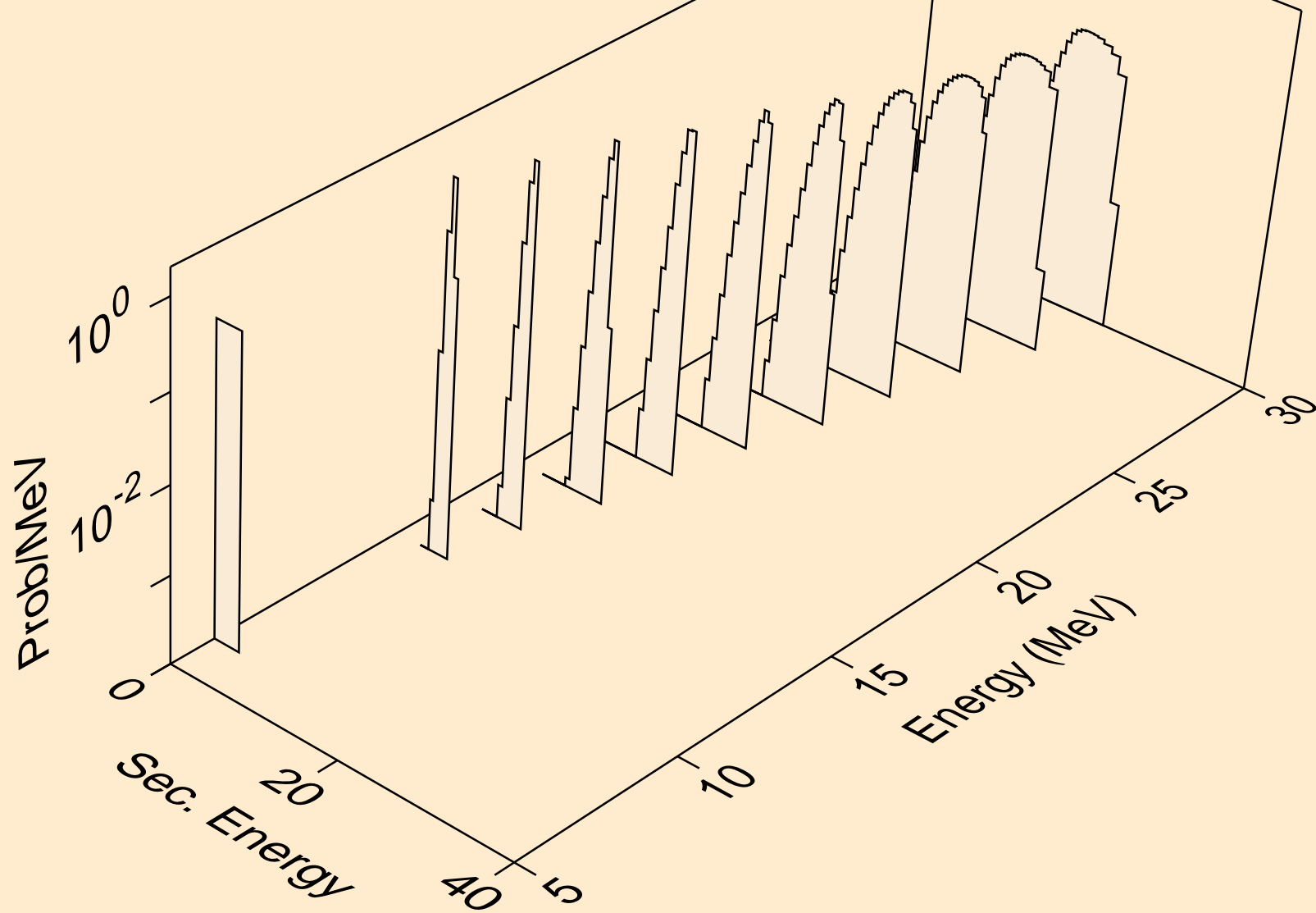
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he3s from (n,he3)



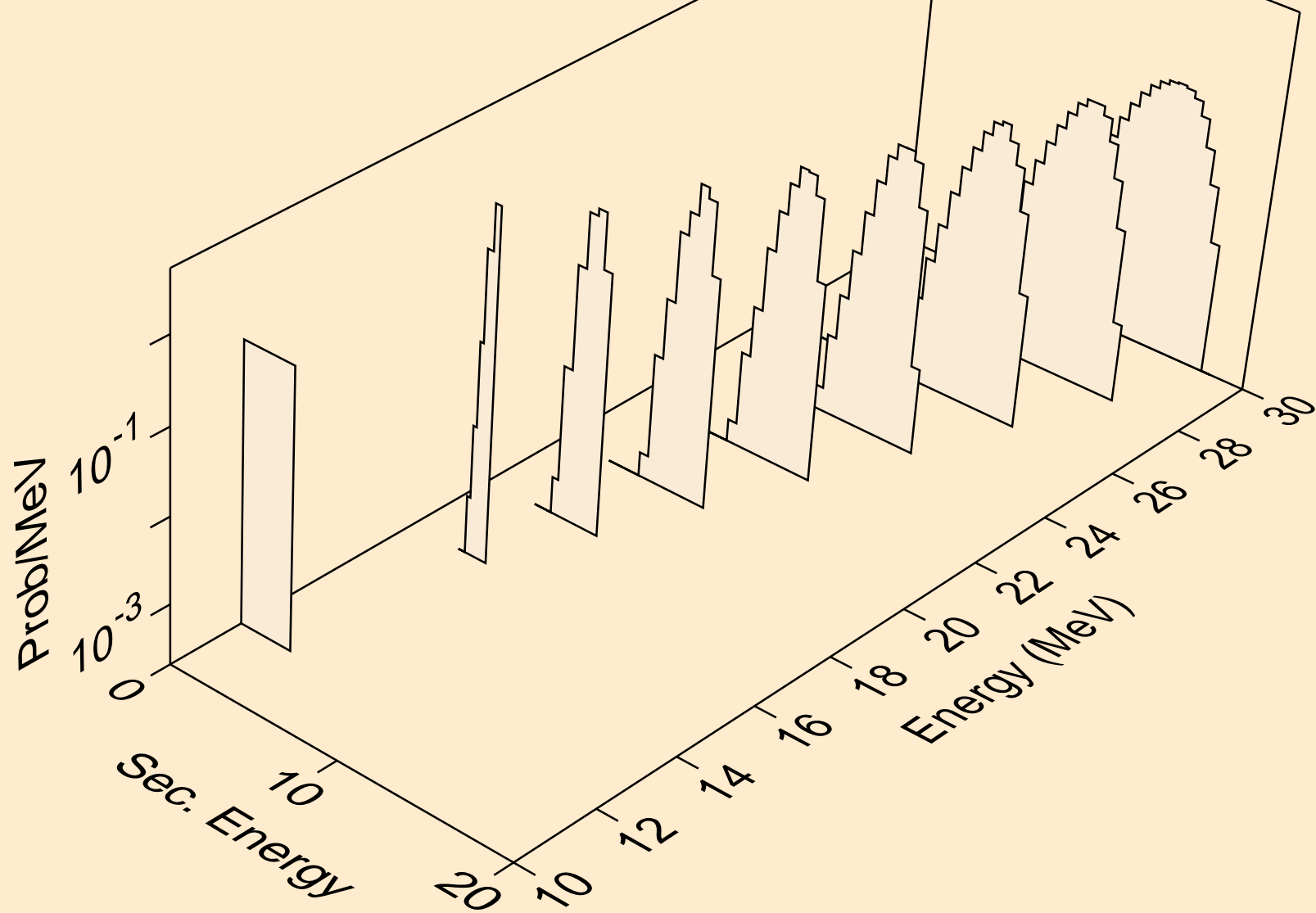
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



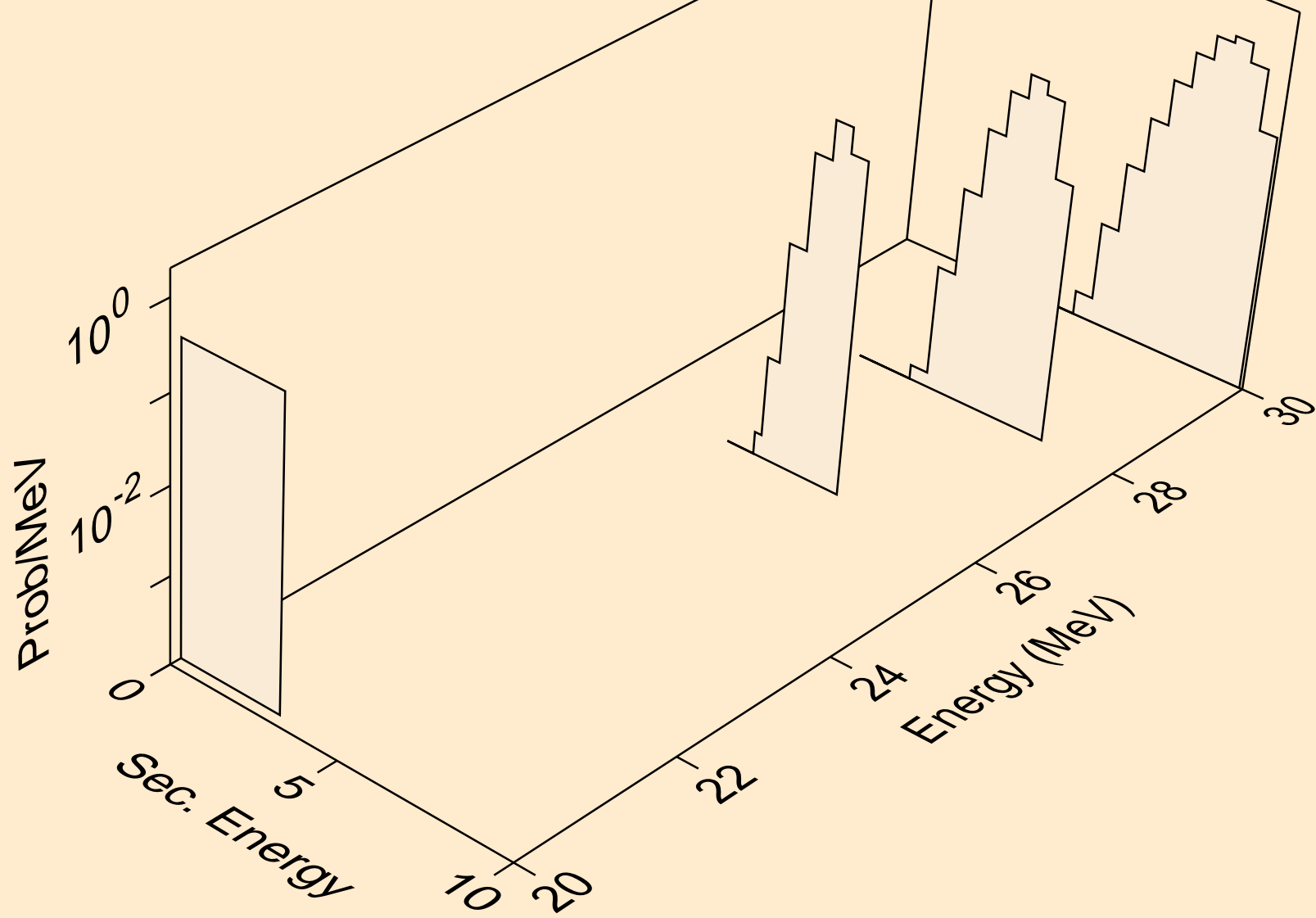
SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



SN123 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

