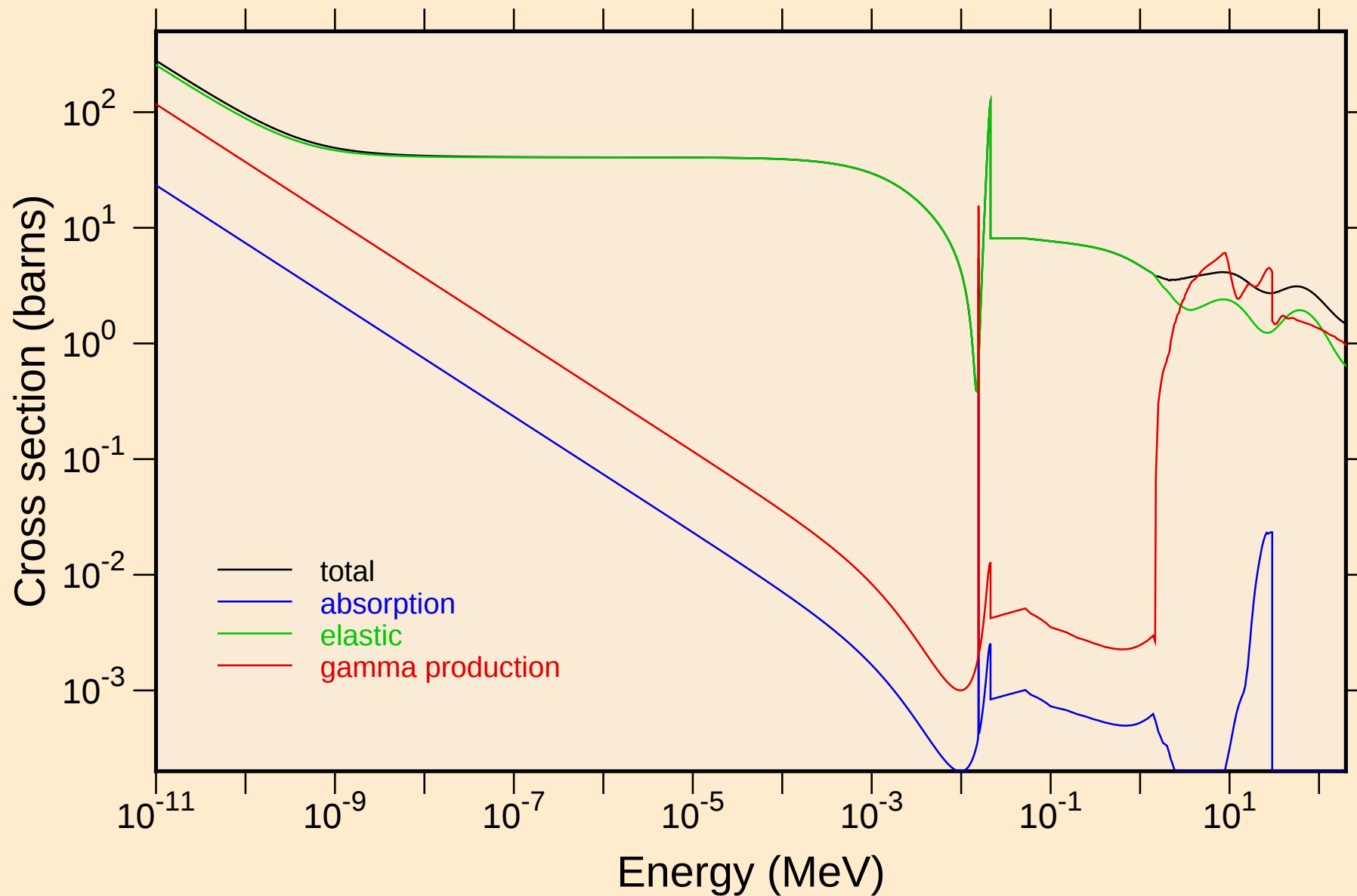


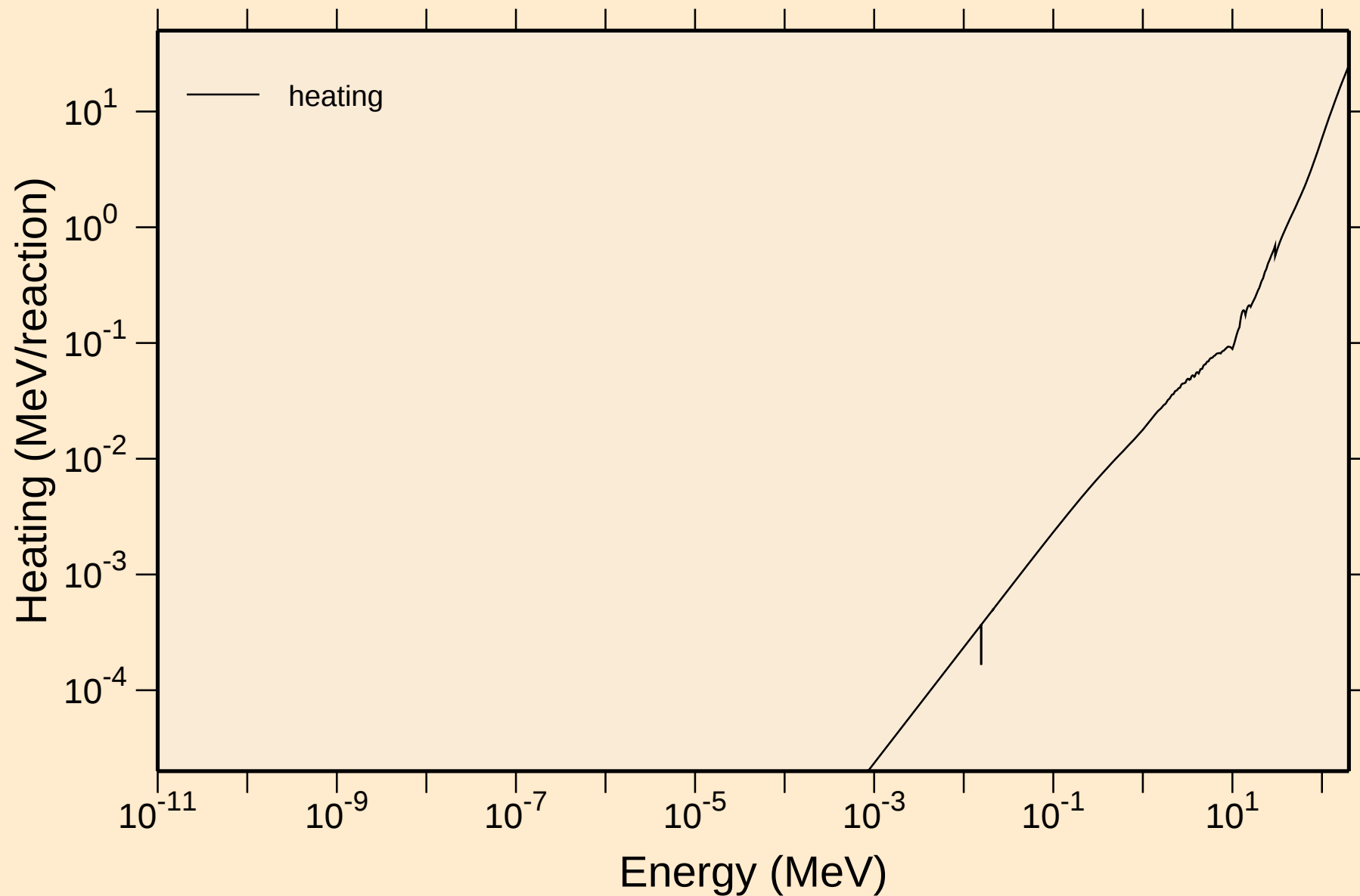
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

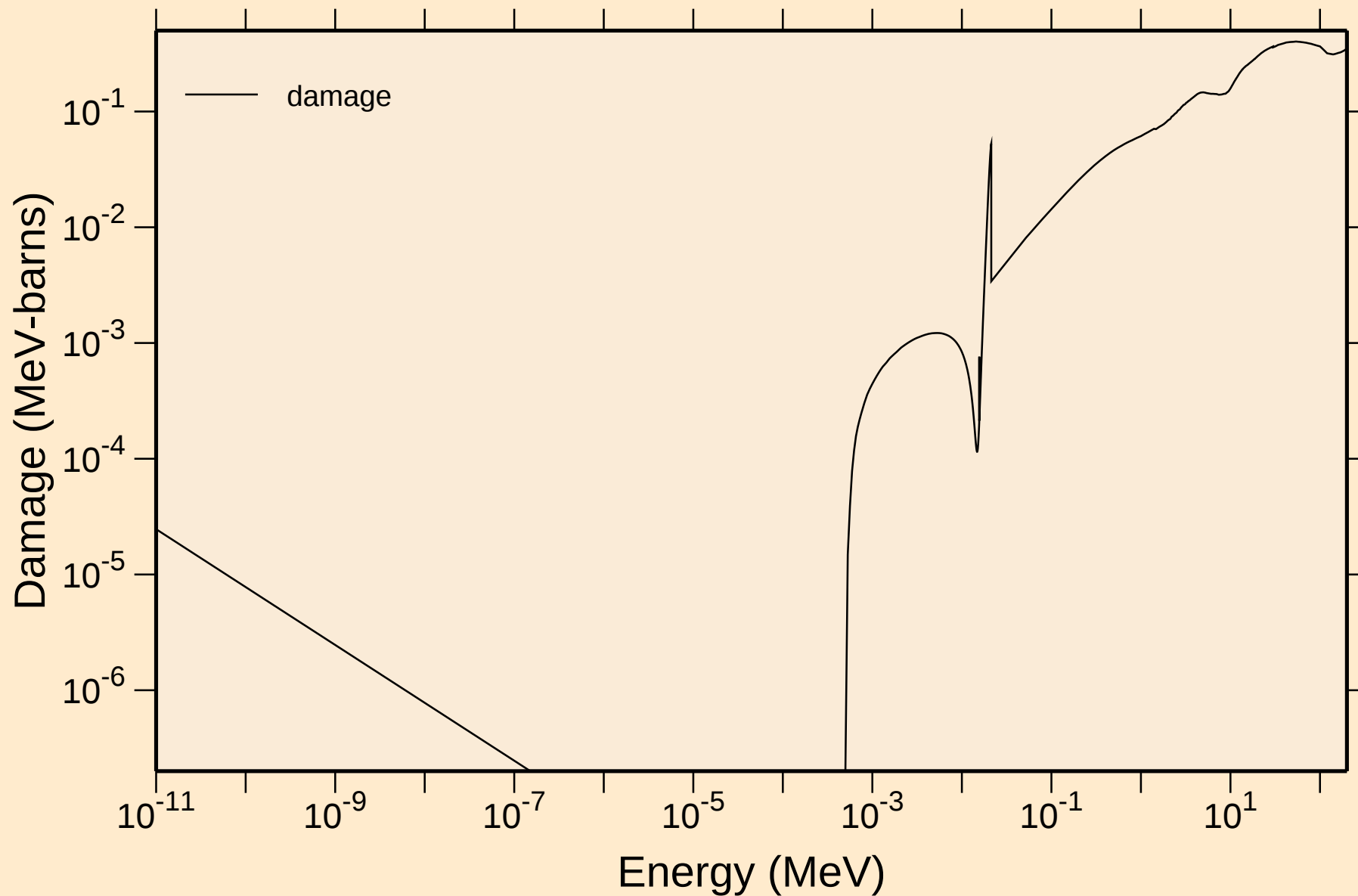


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

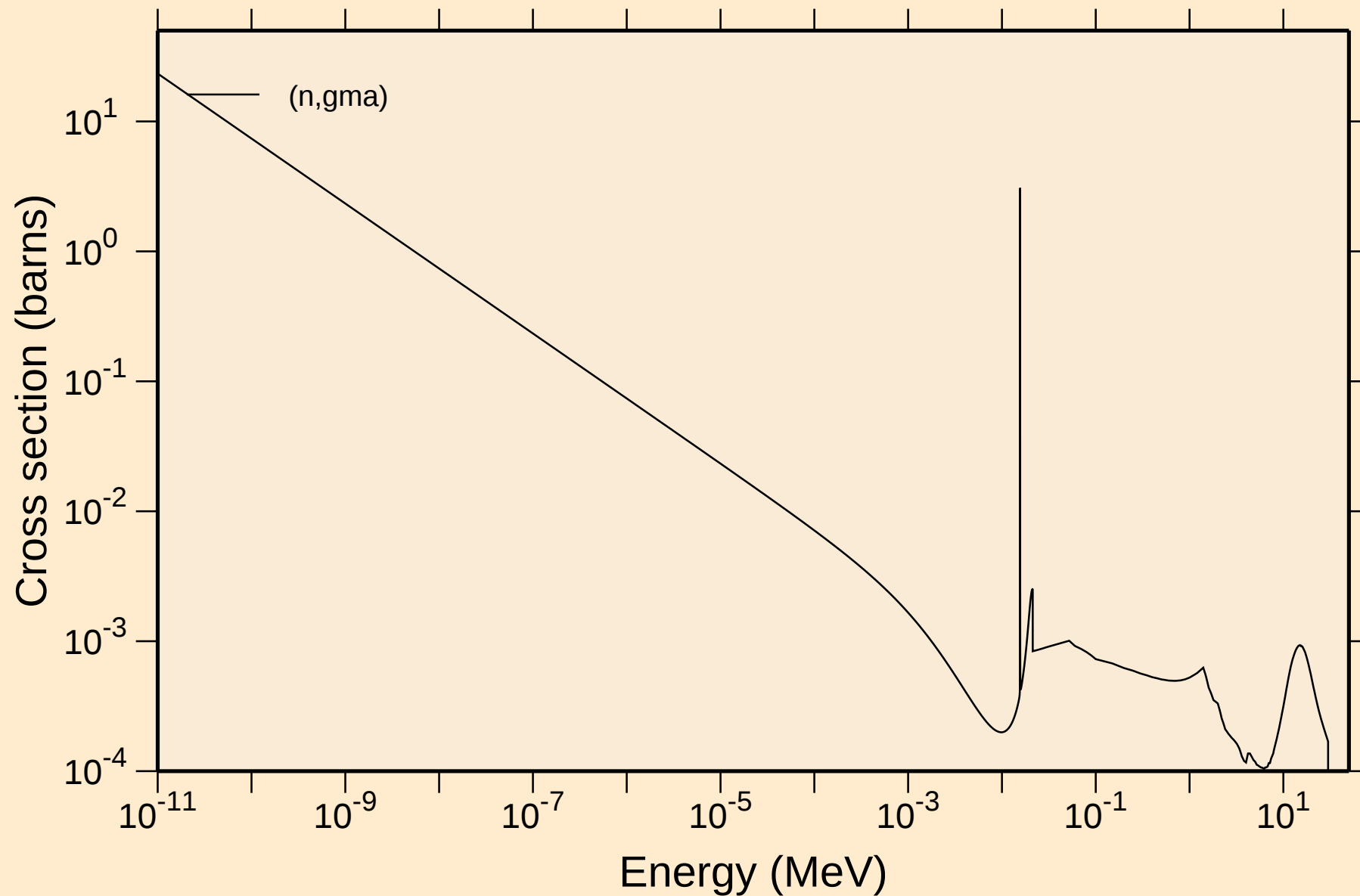
Heating



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

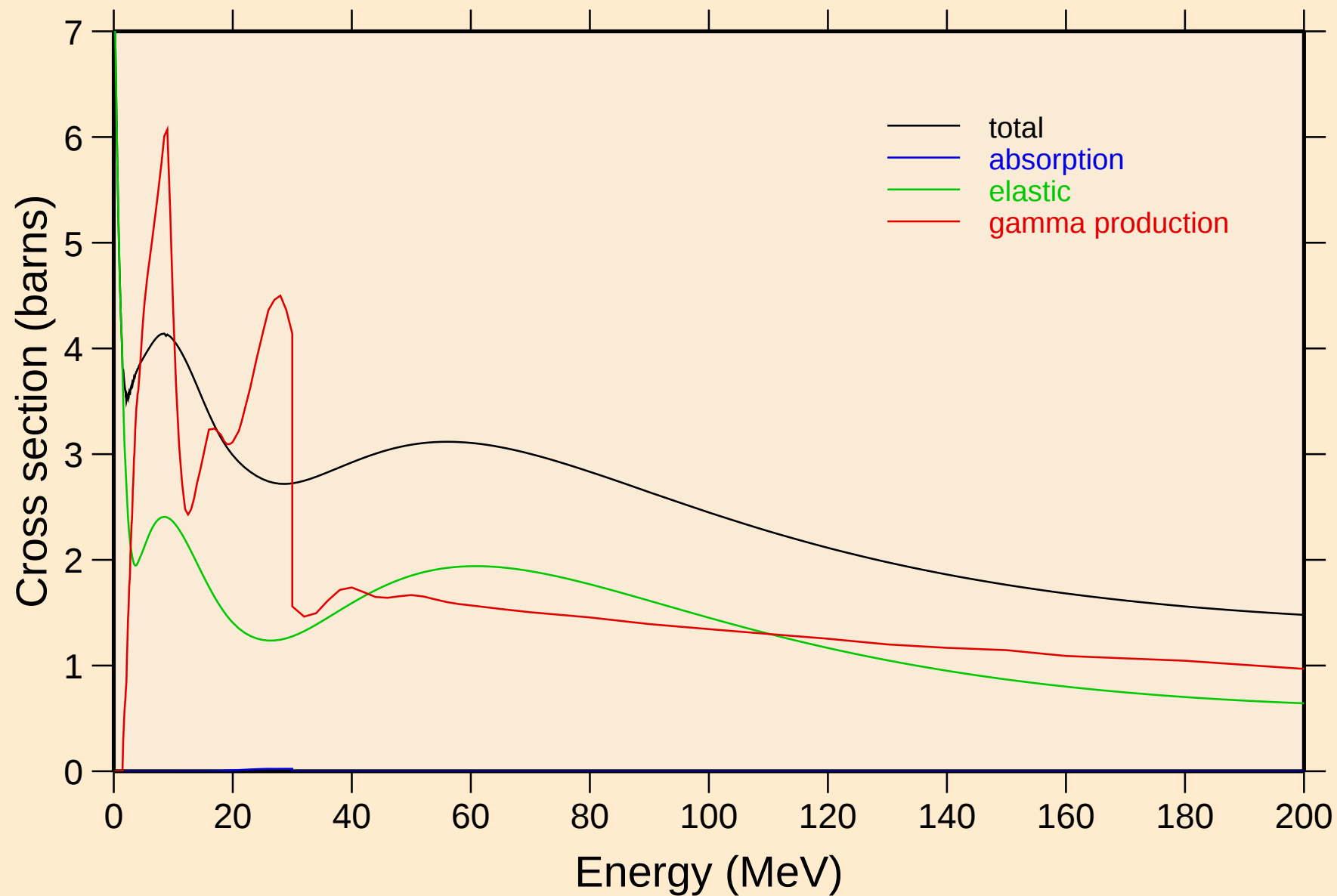


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



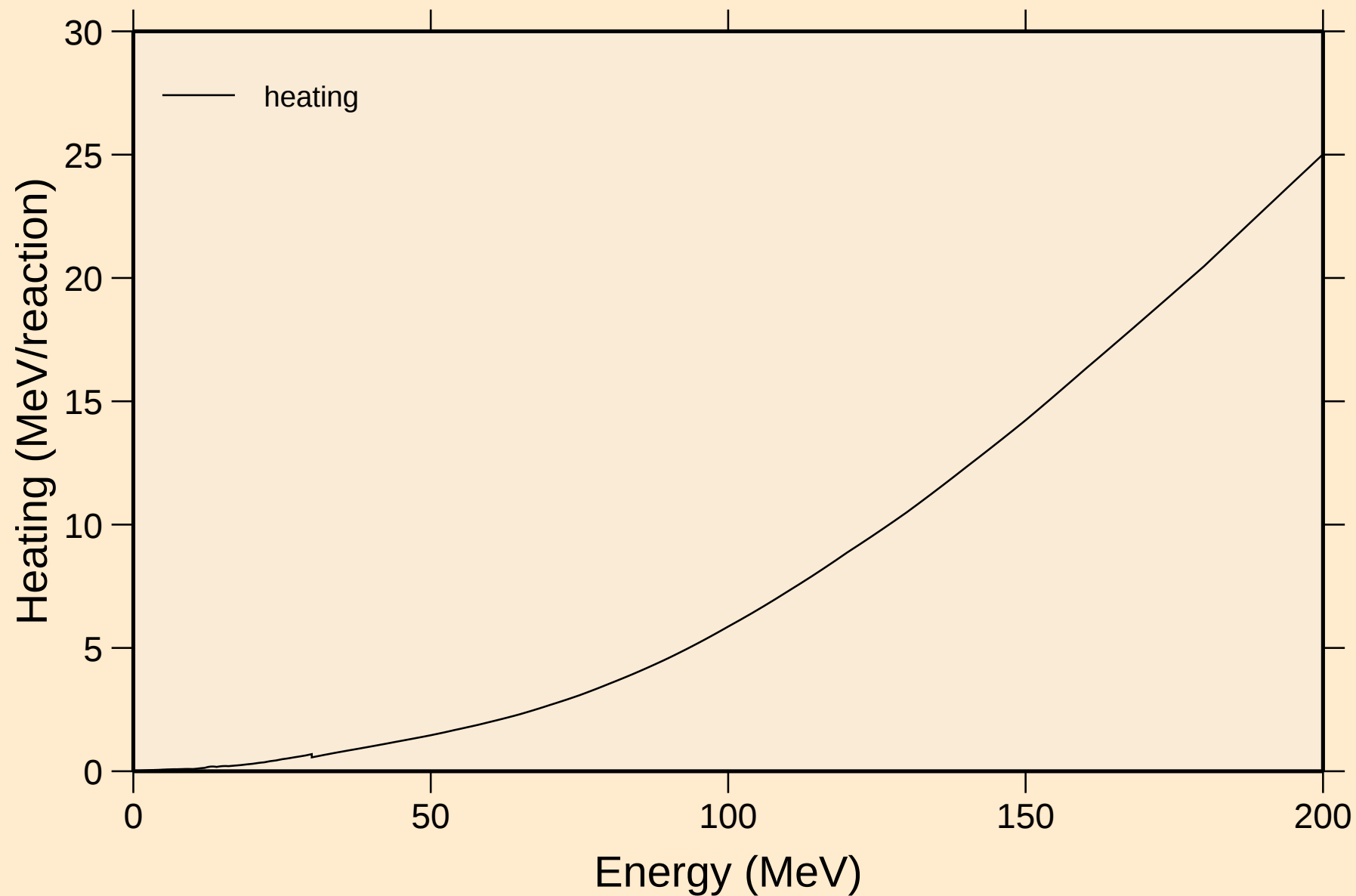
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



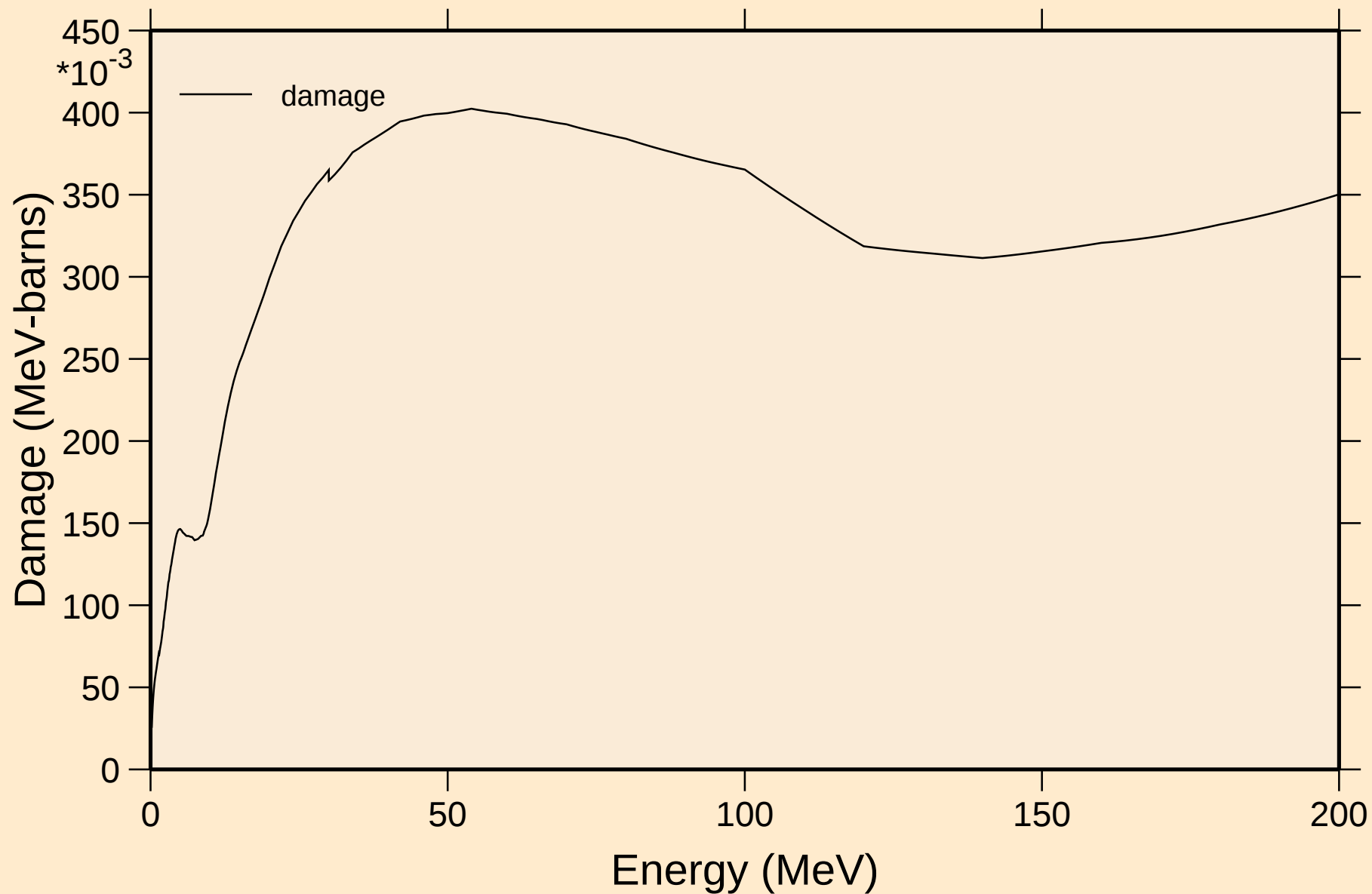
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

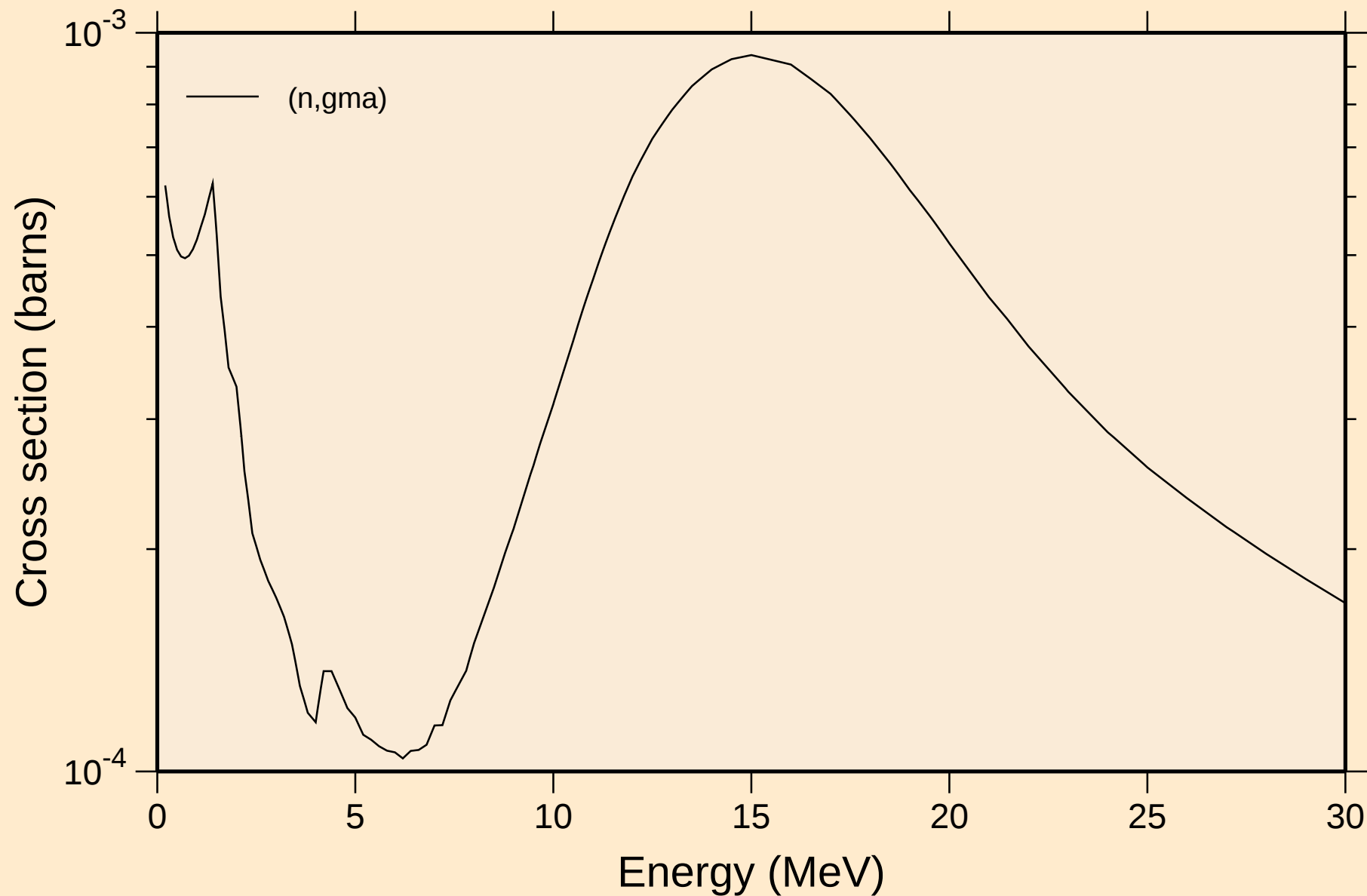


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

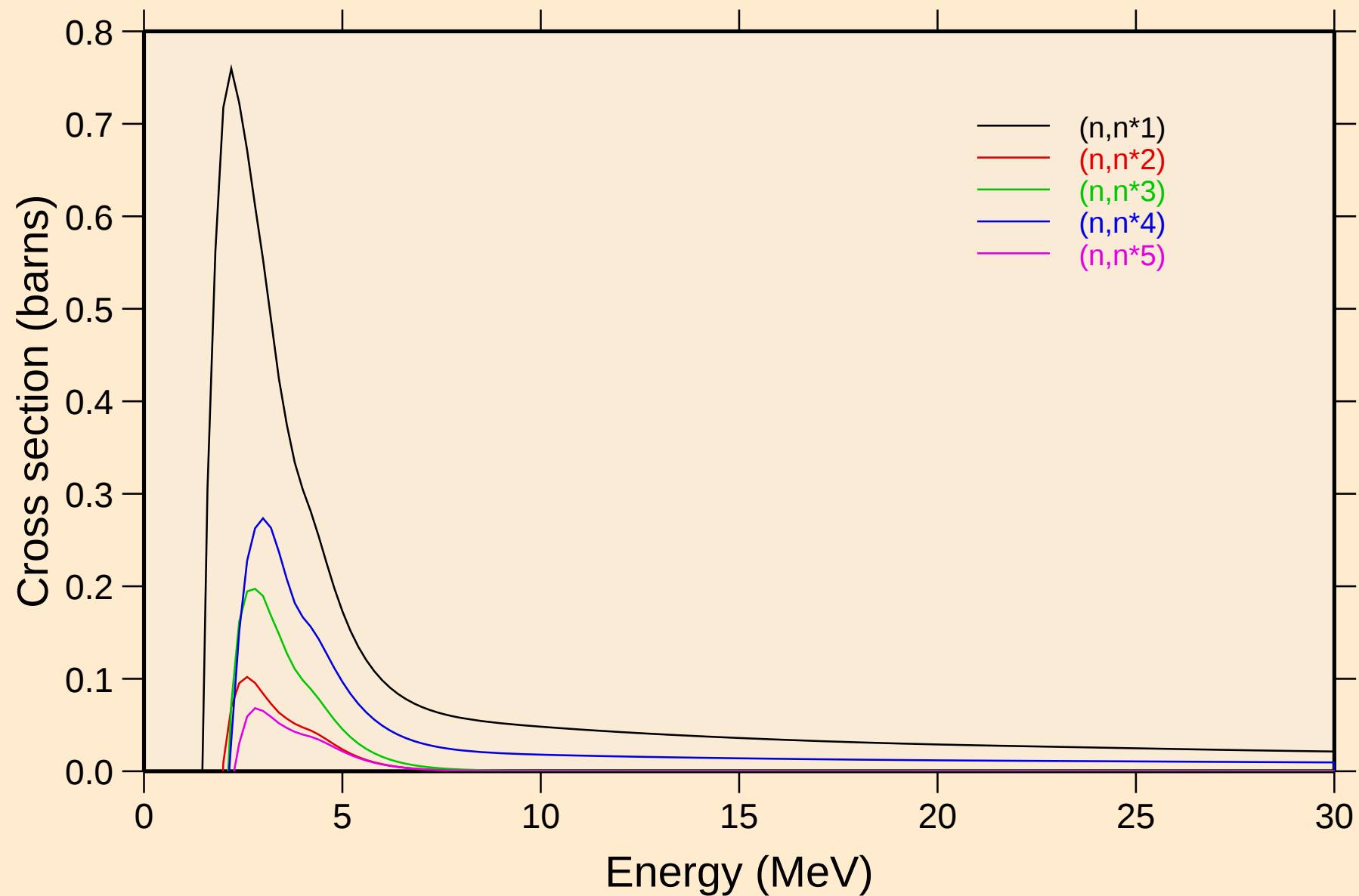
Damage



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

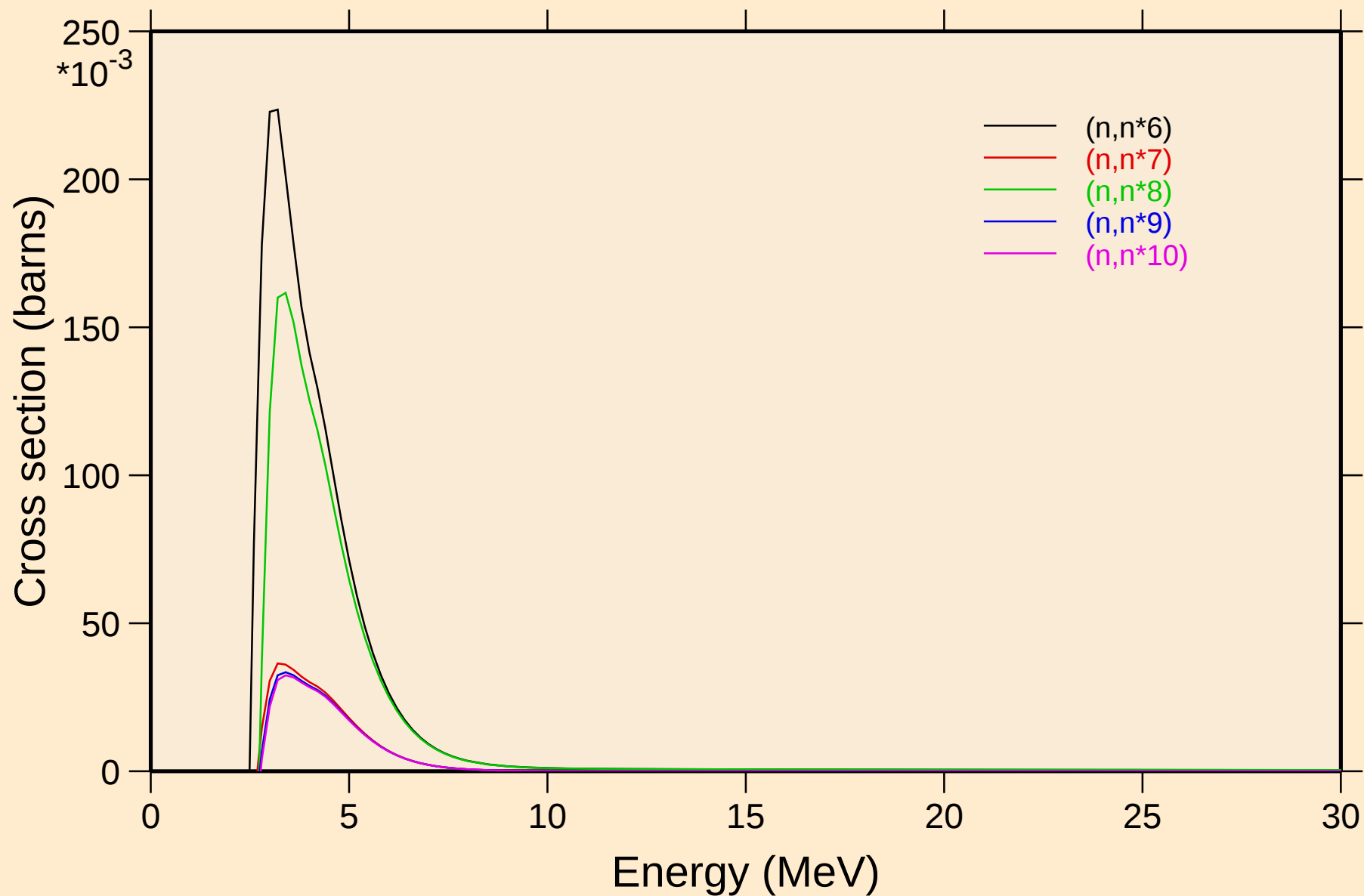


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

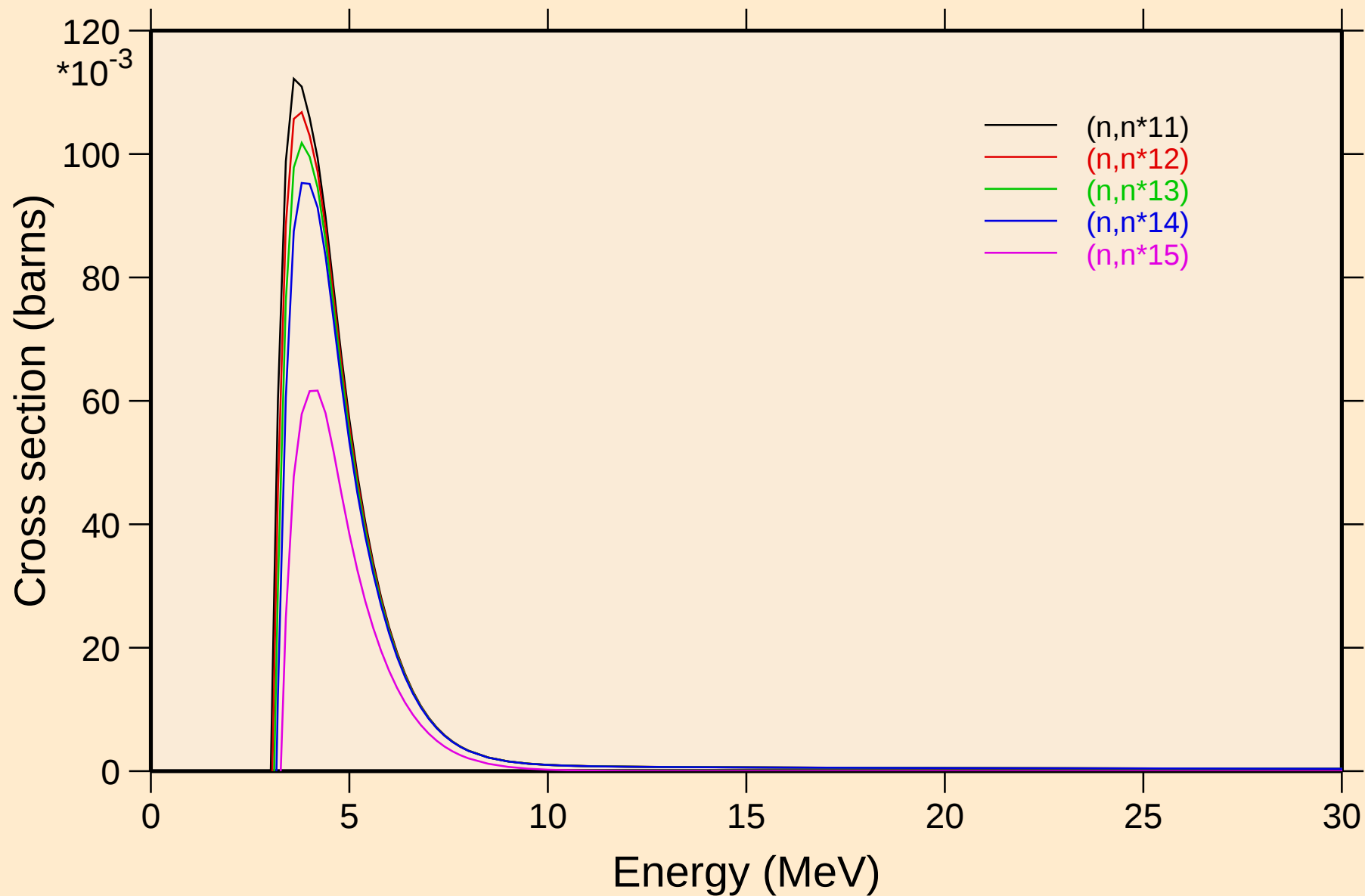


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

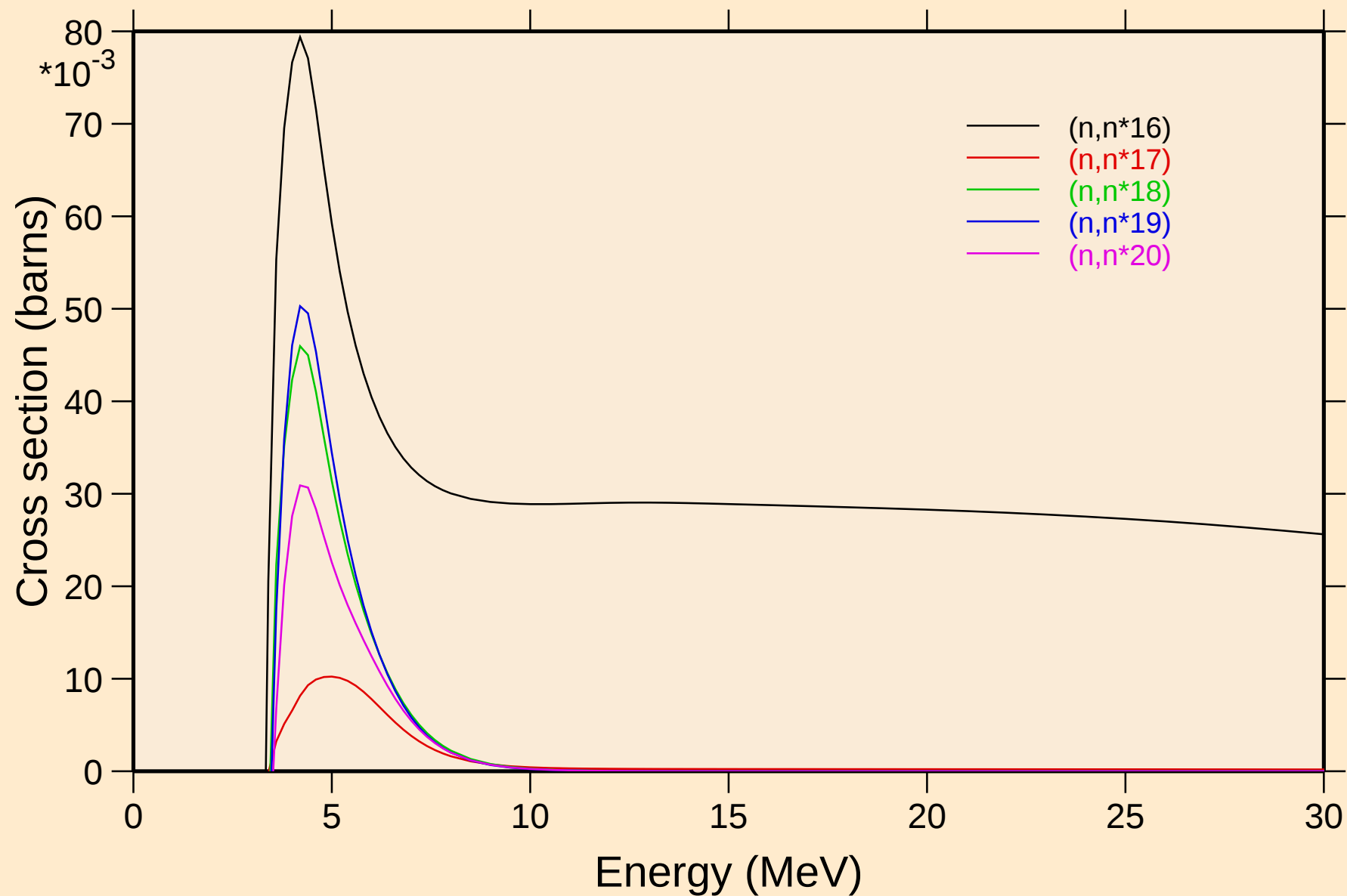


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



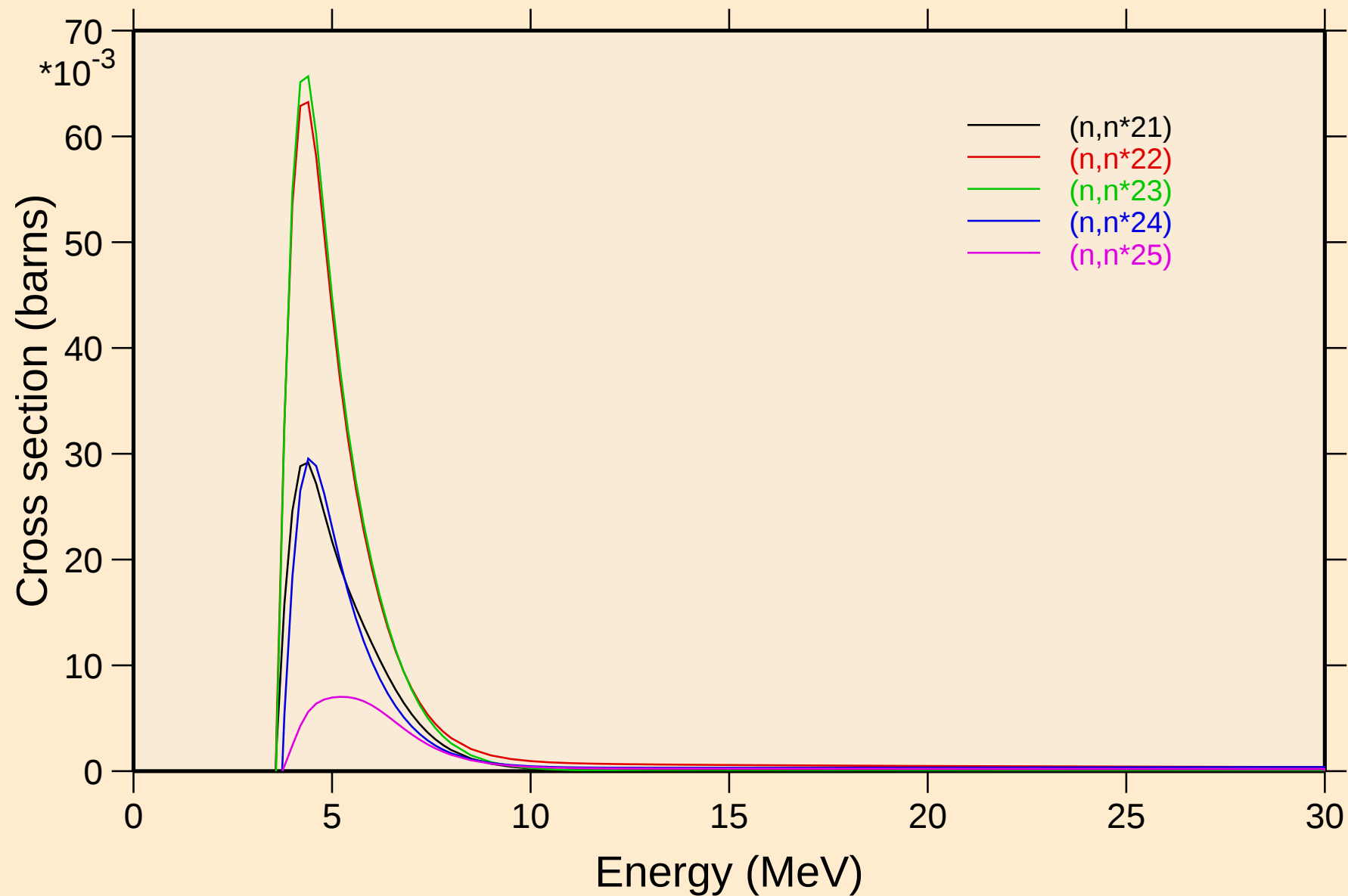
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



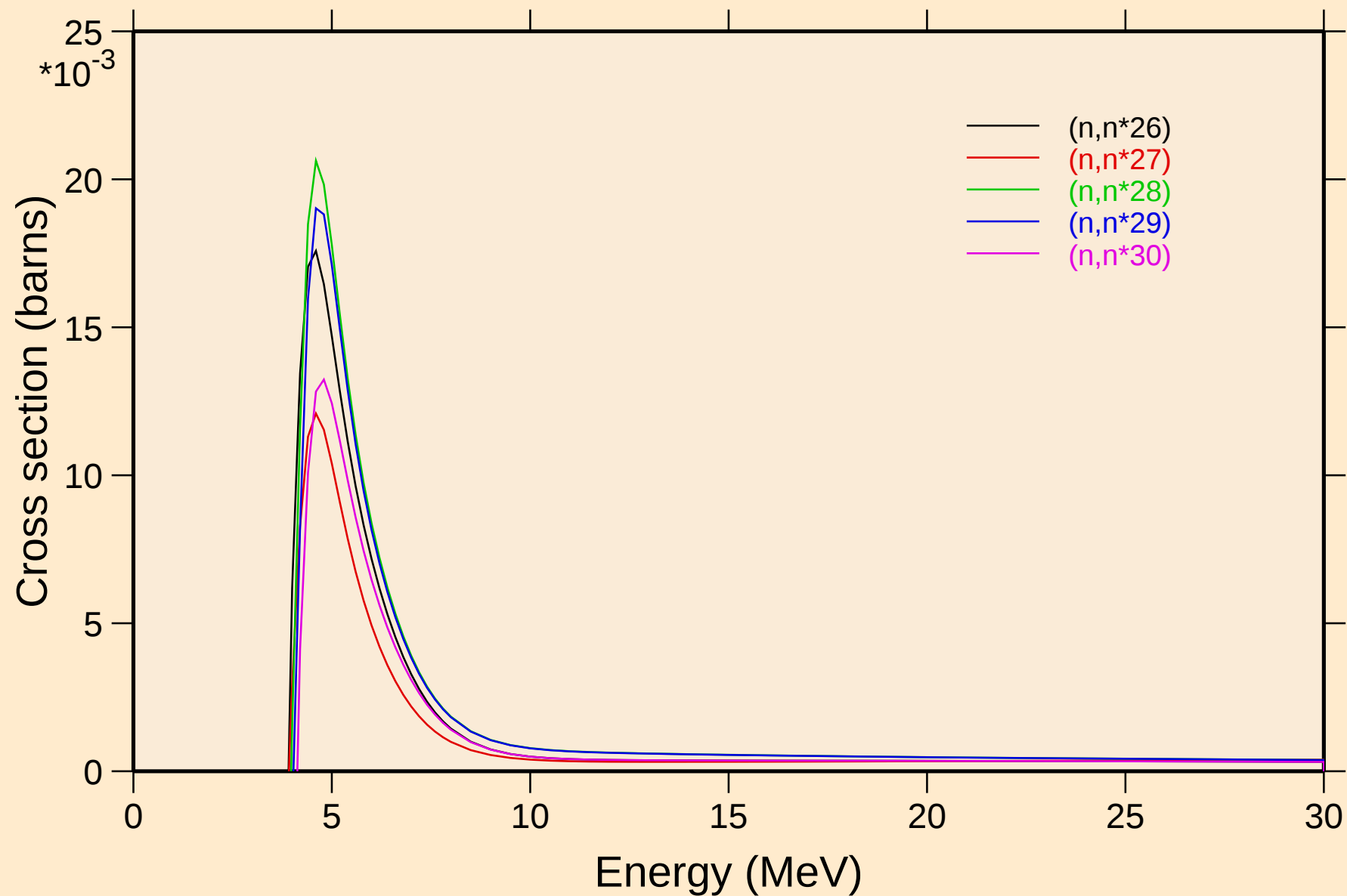
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



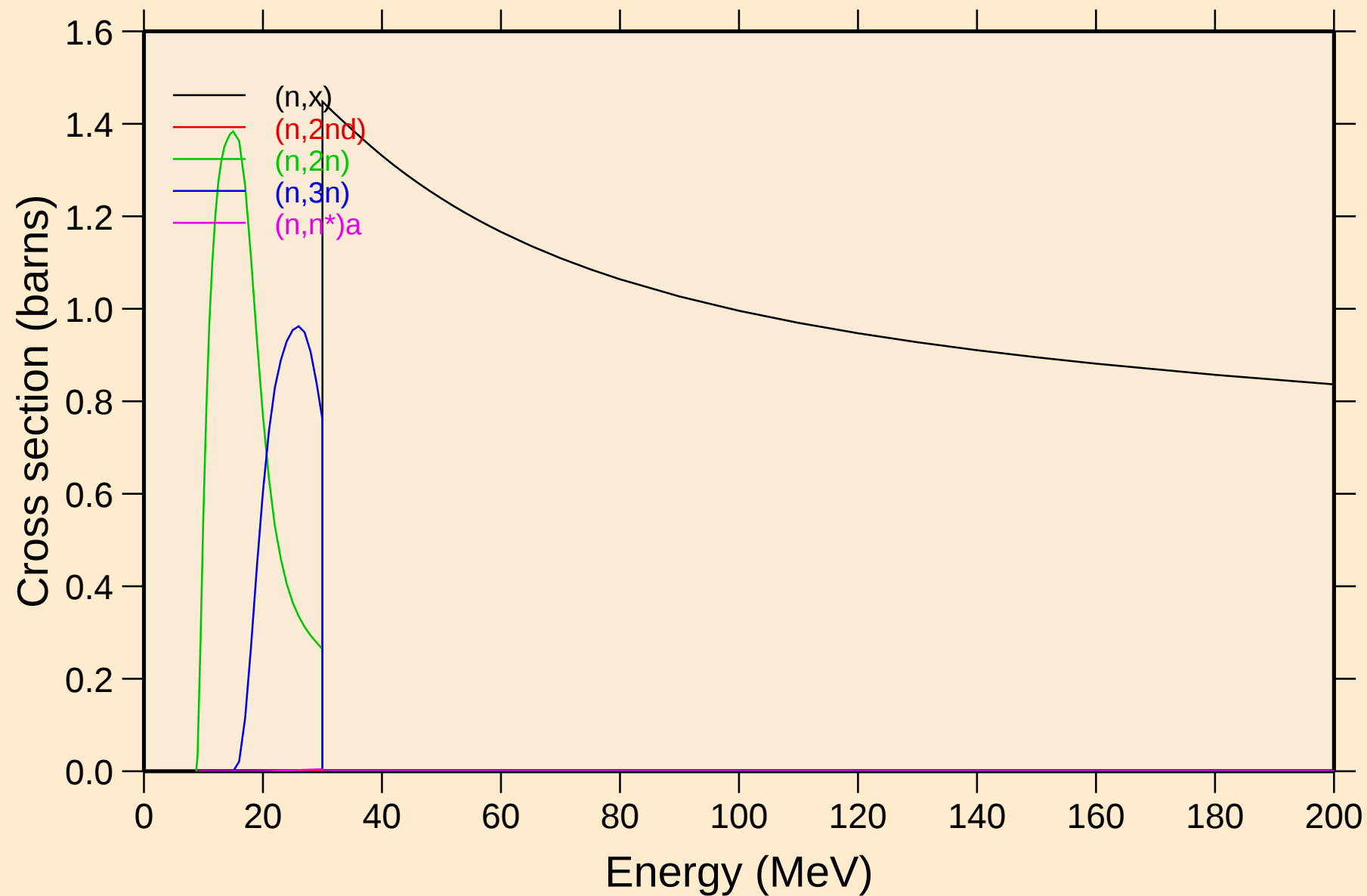
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



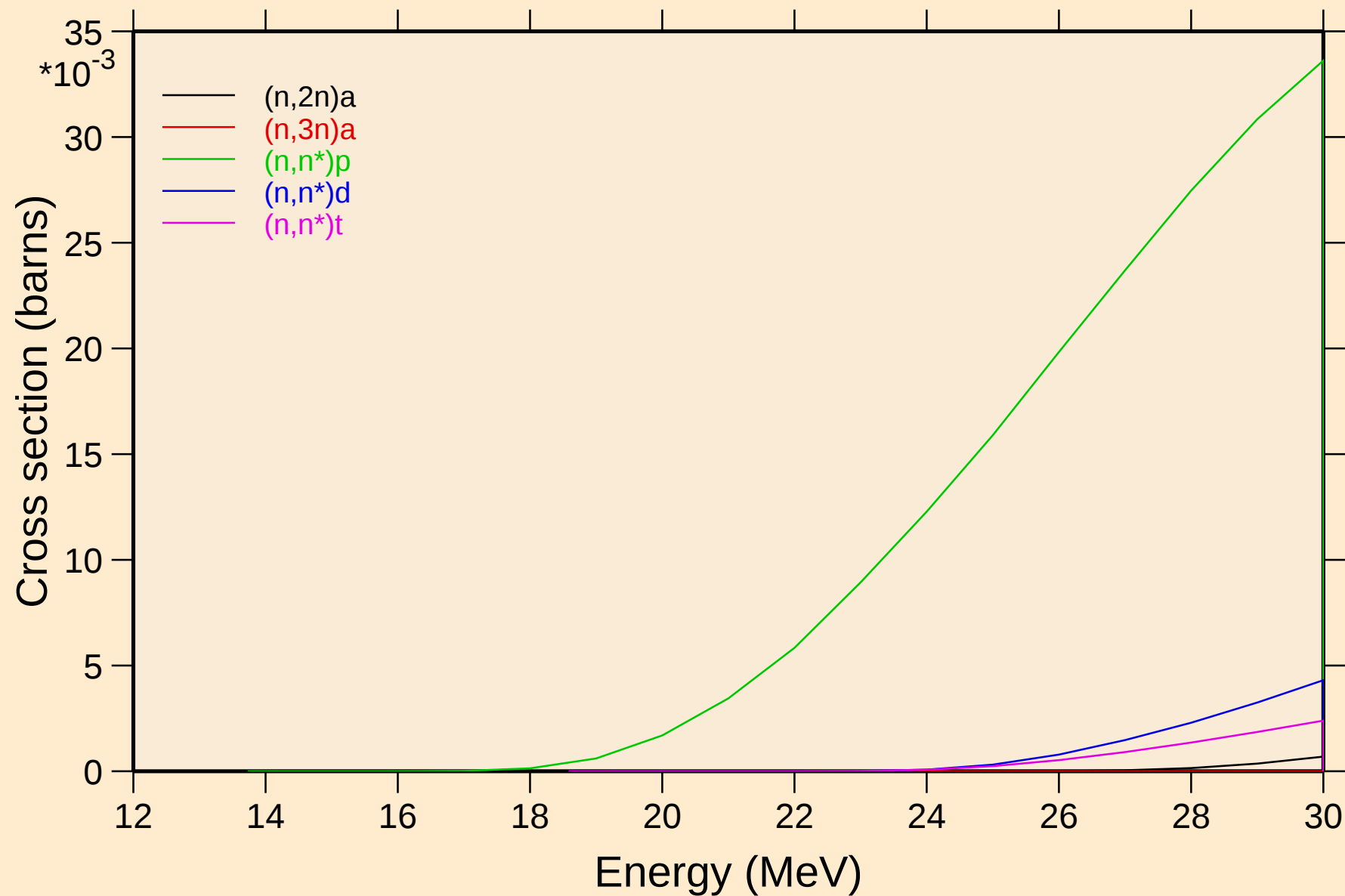
# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

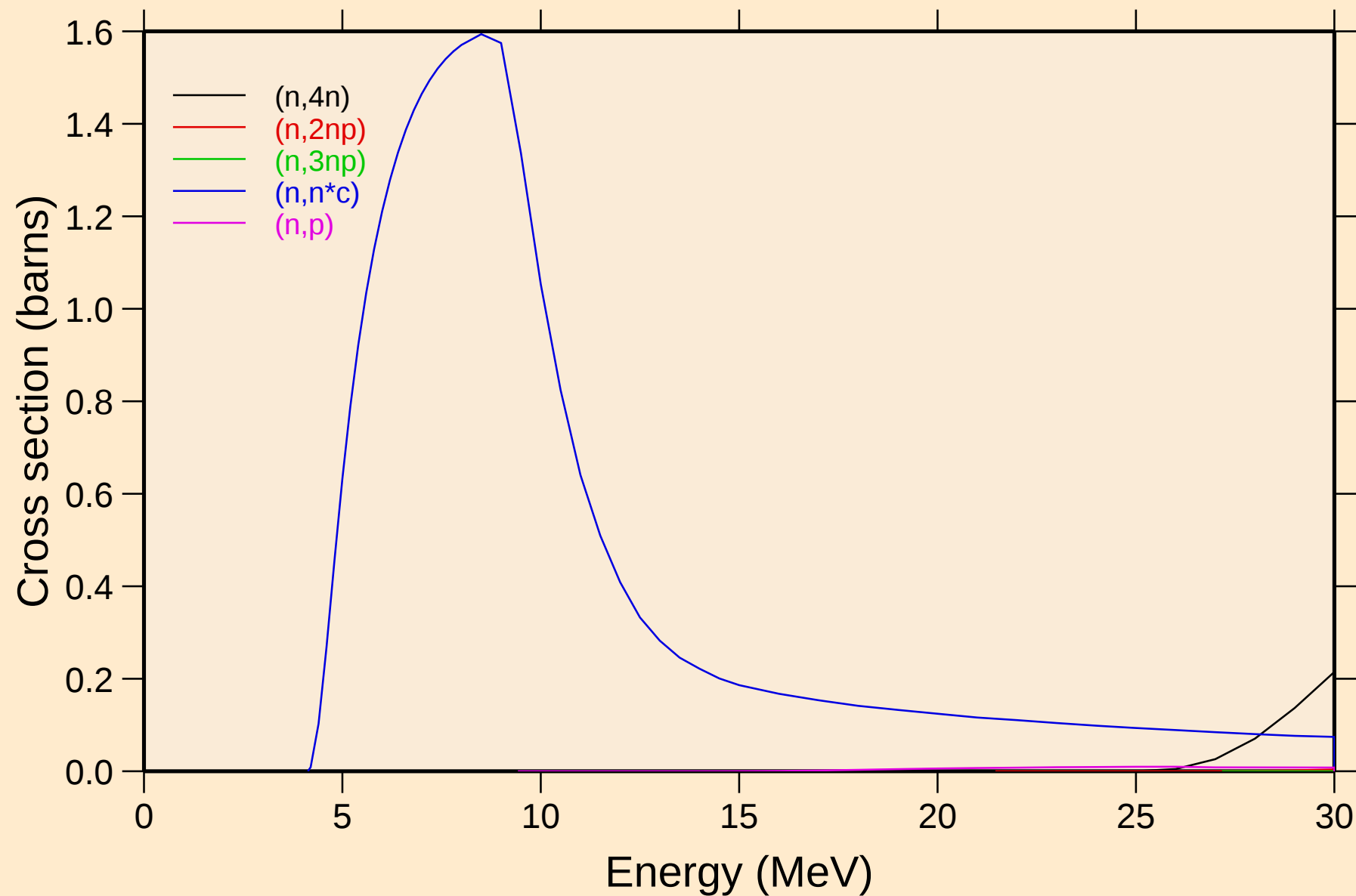


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

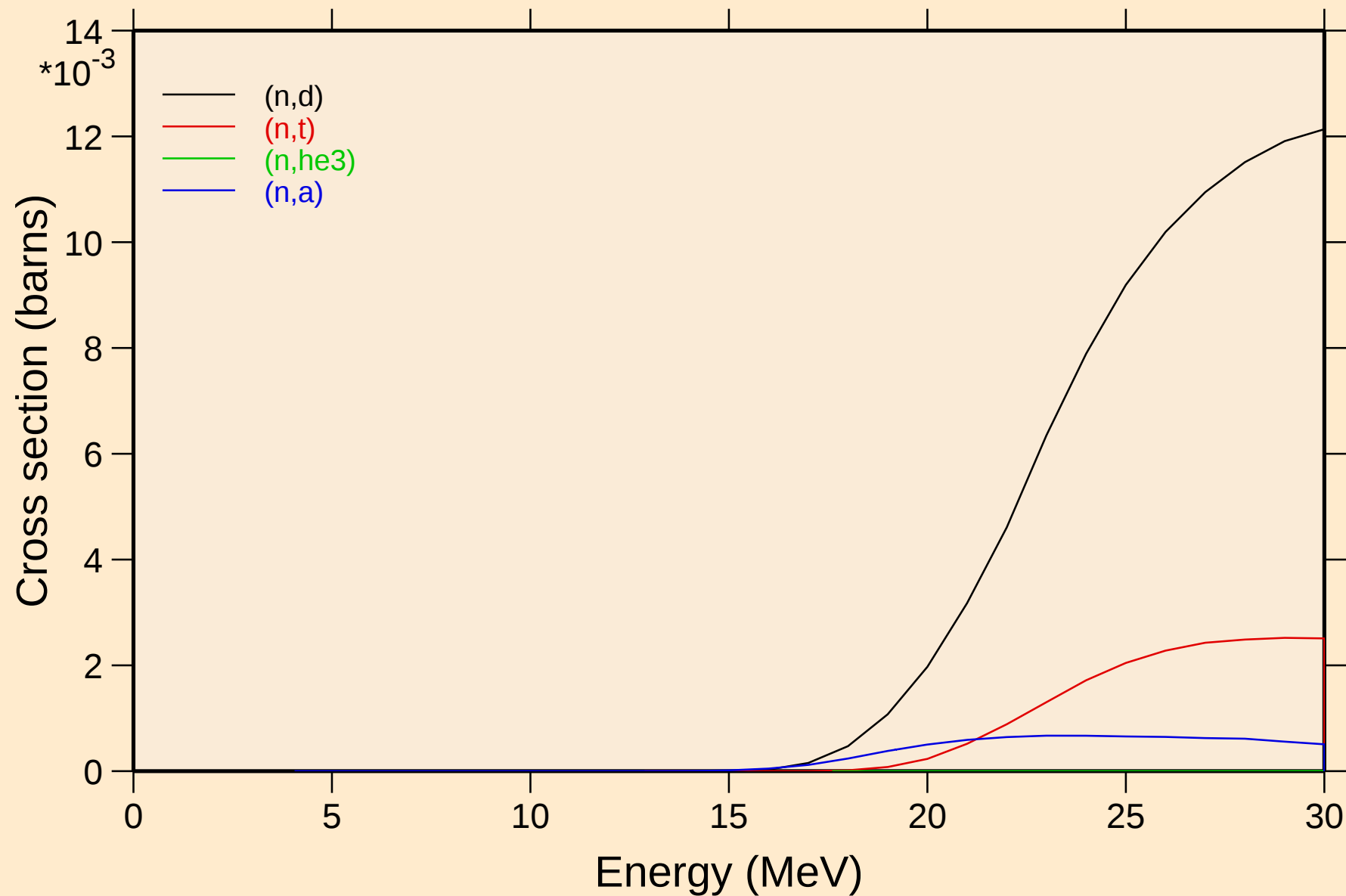
## Threshold reactions



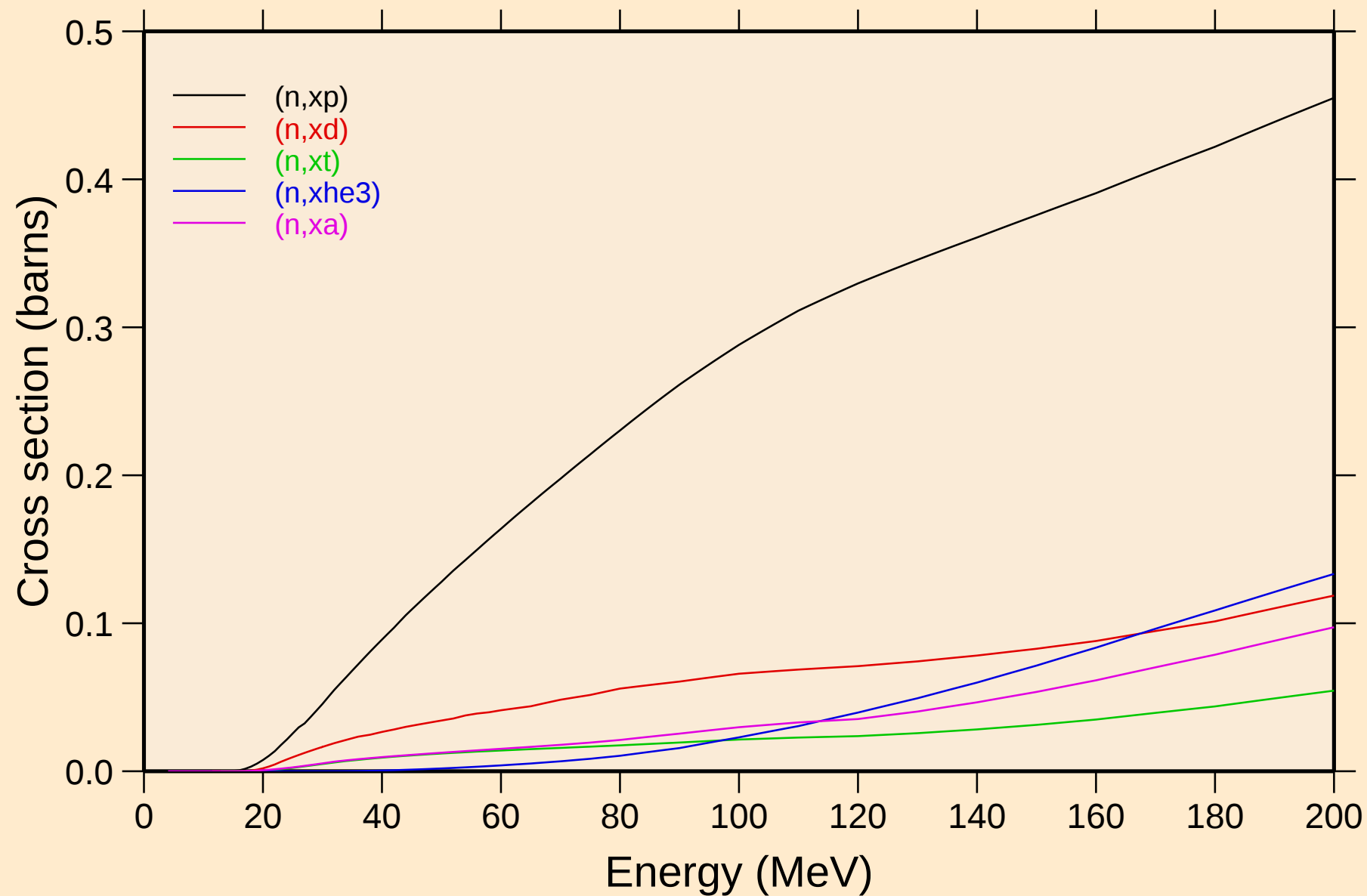
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



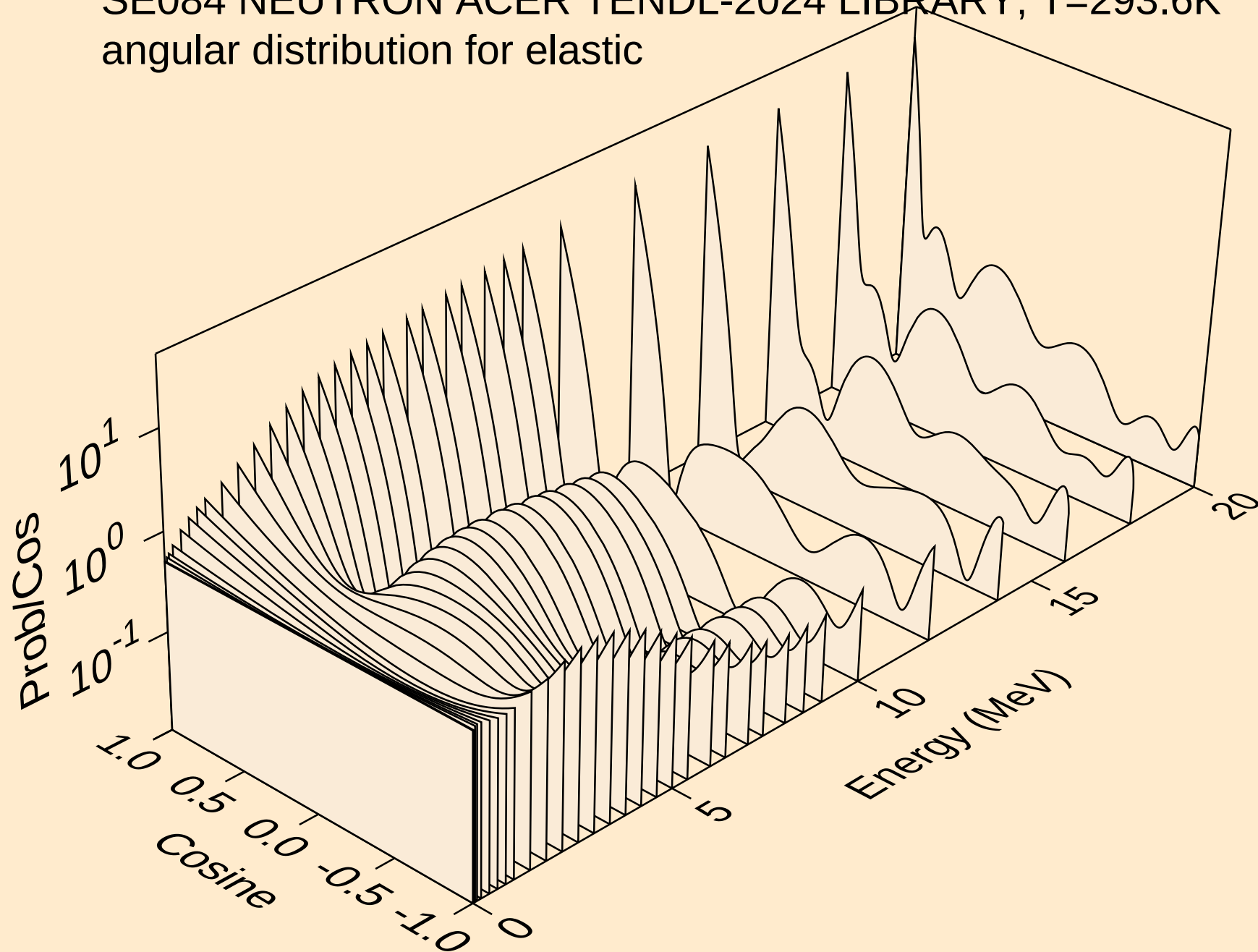
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



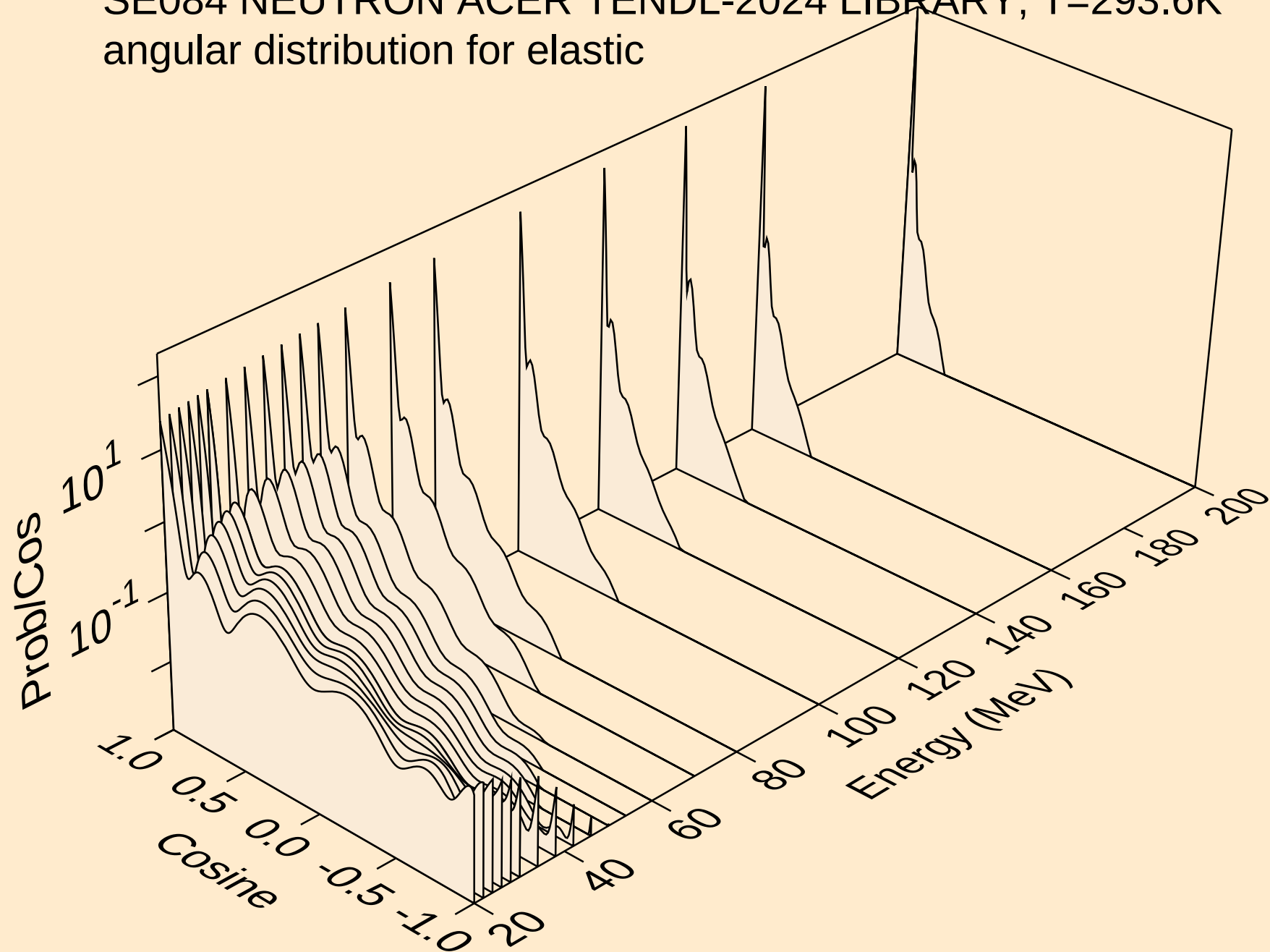
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



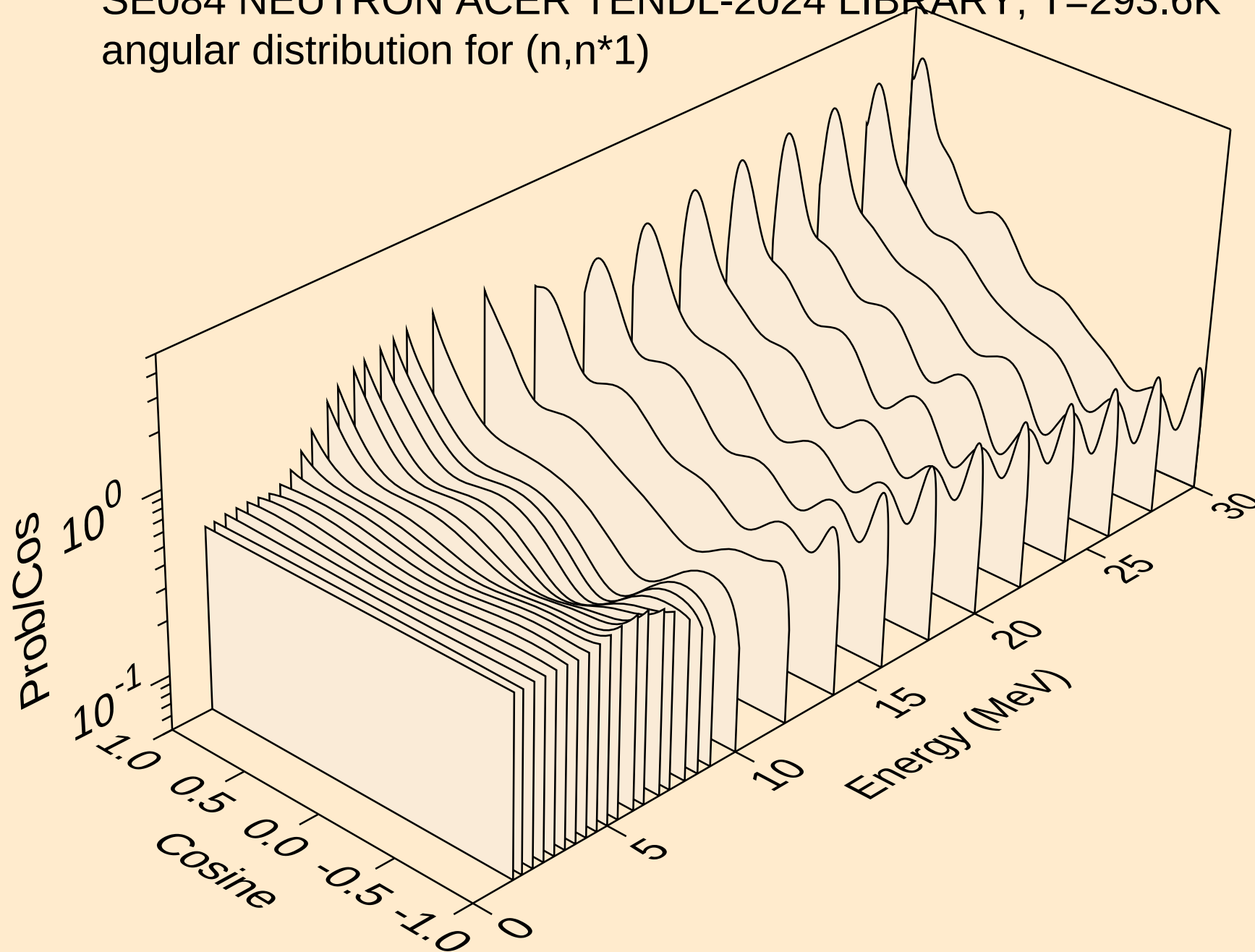
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



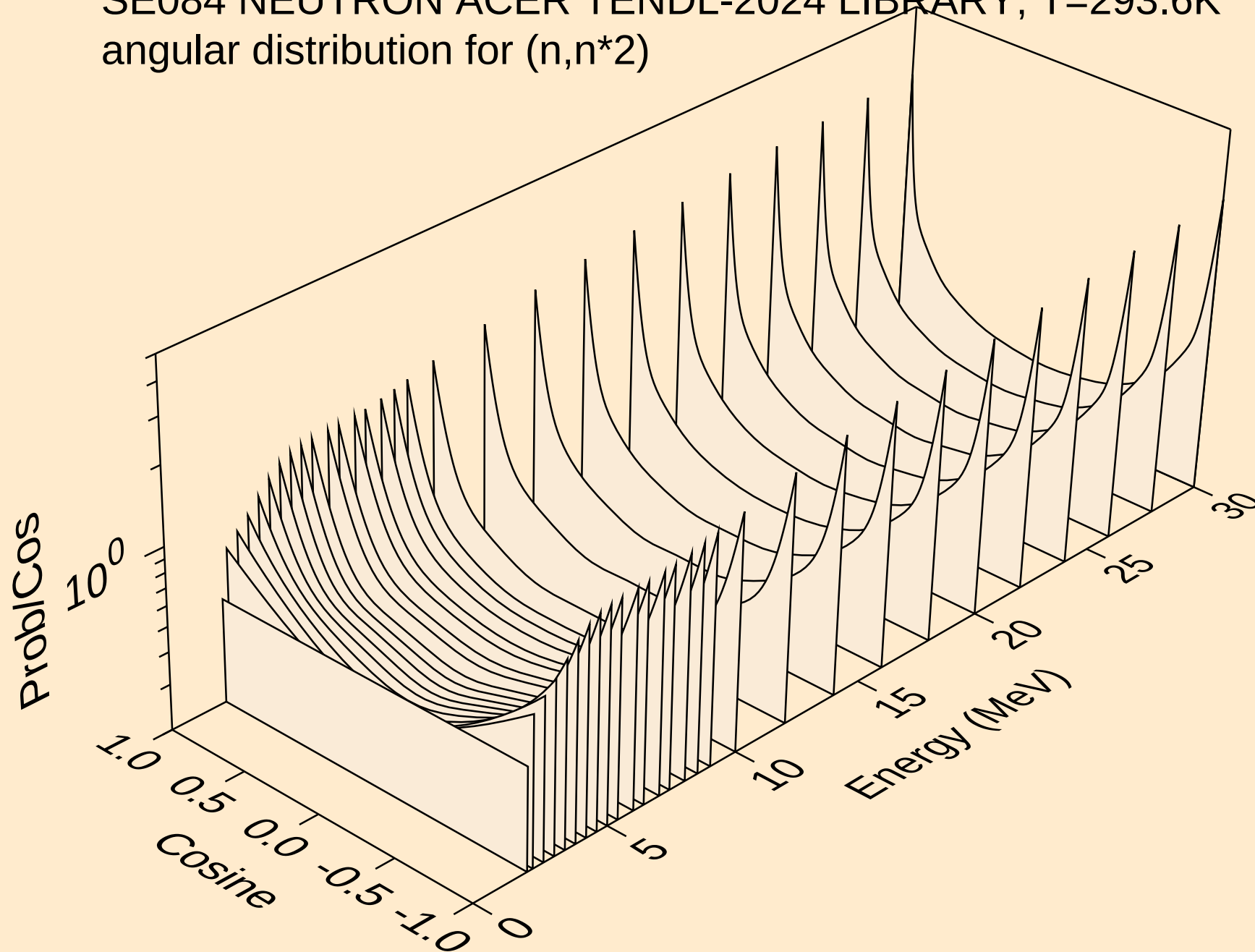
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



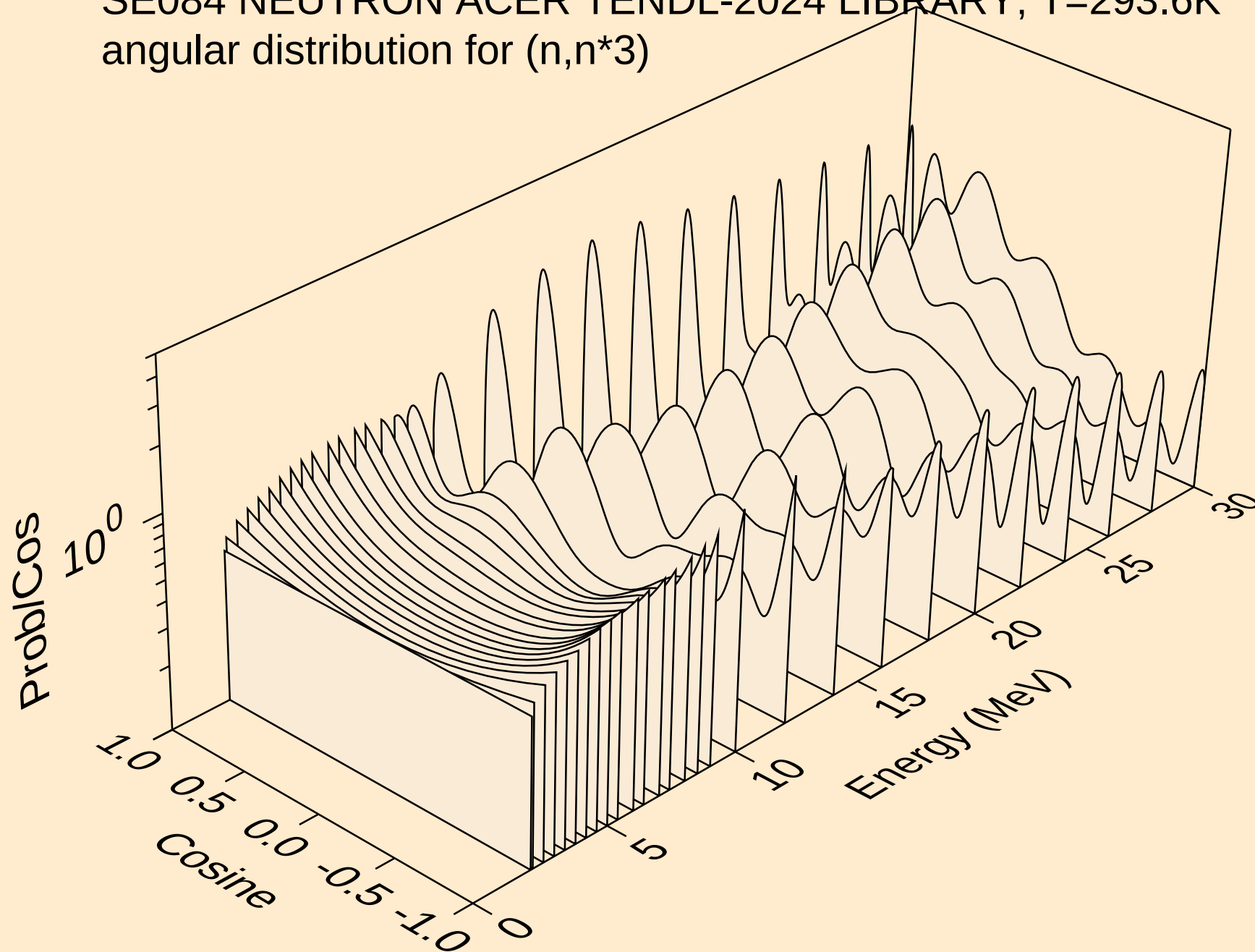
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



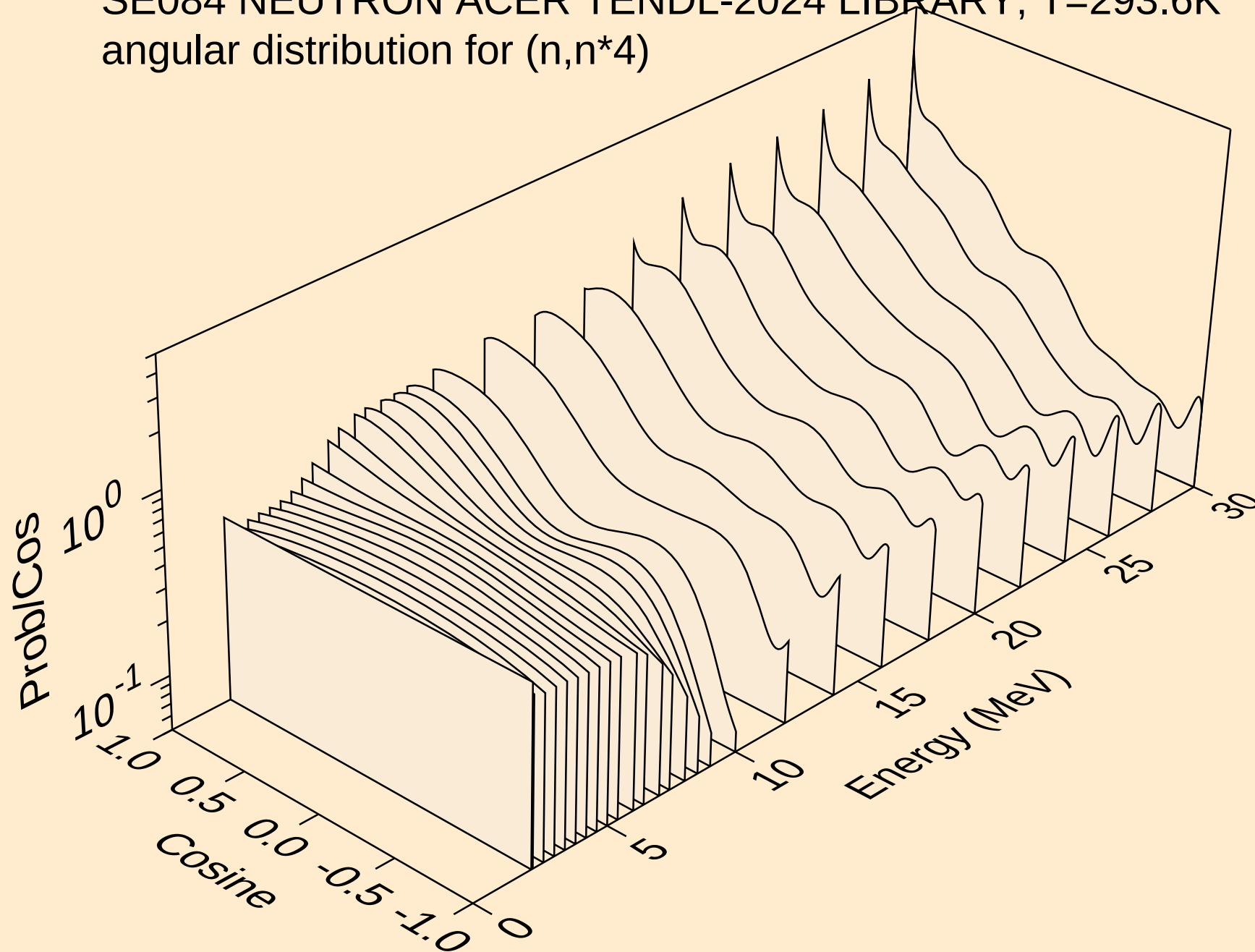
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



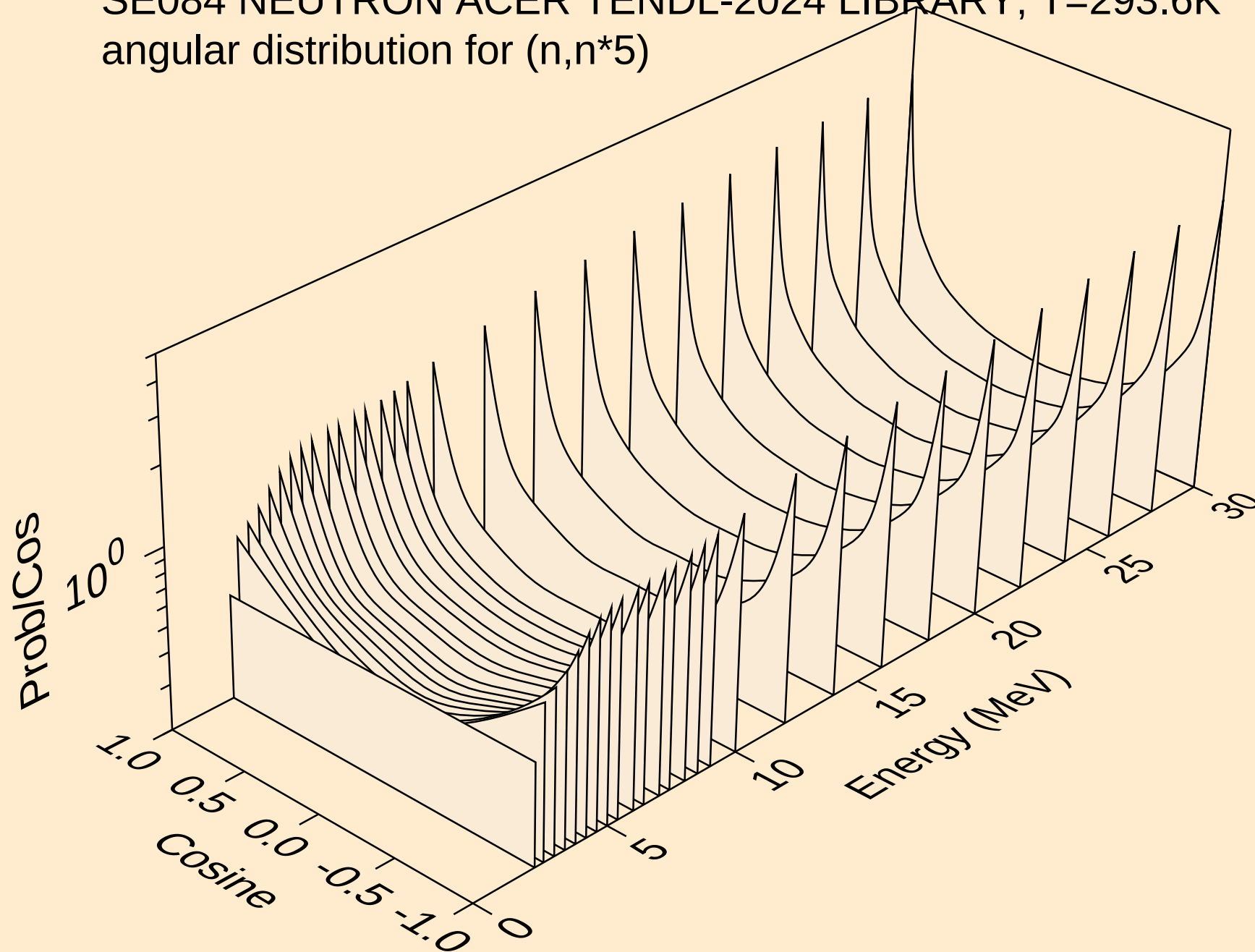
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



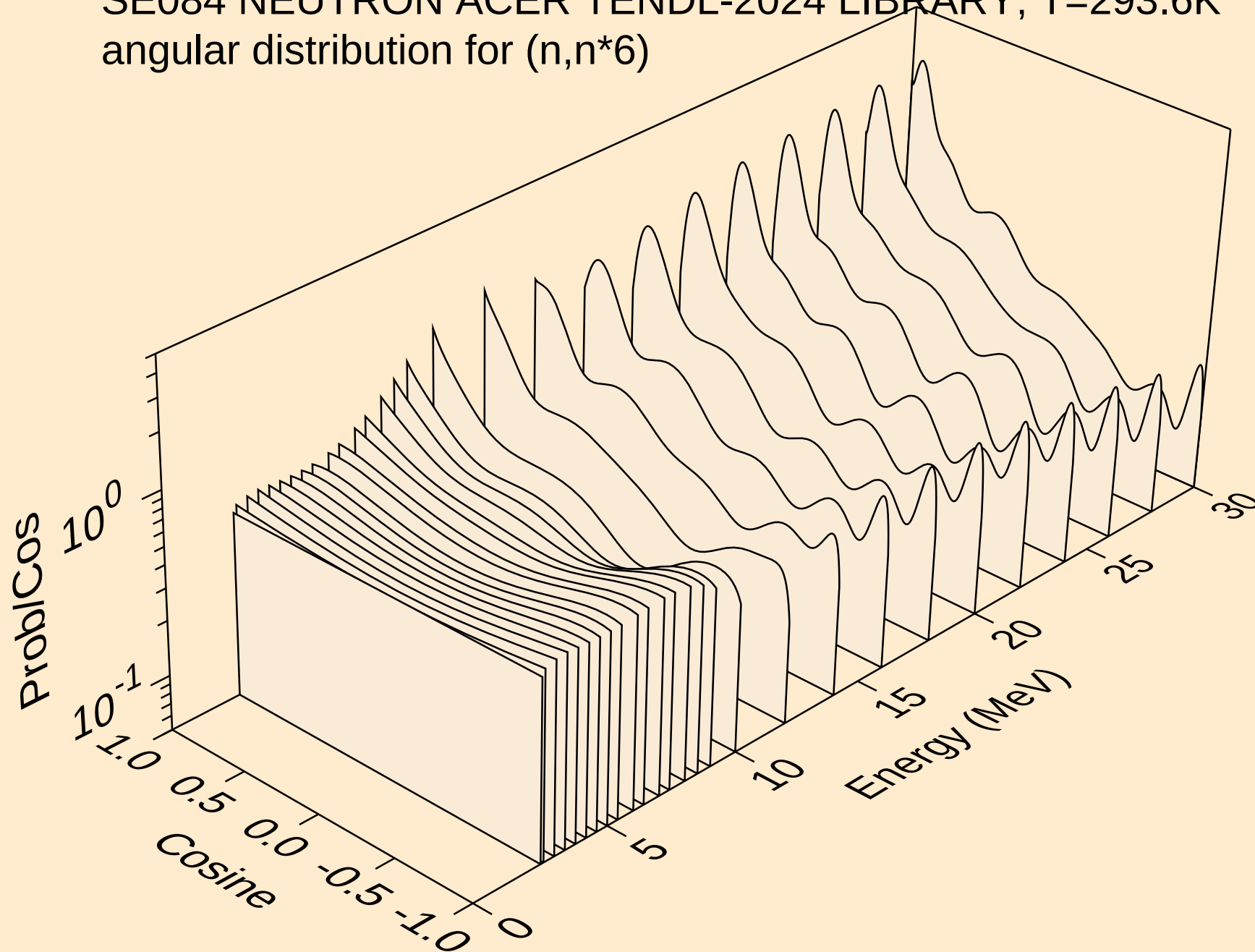
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



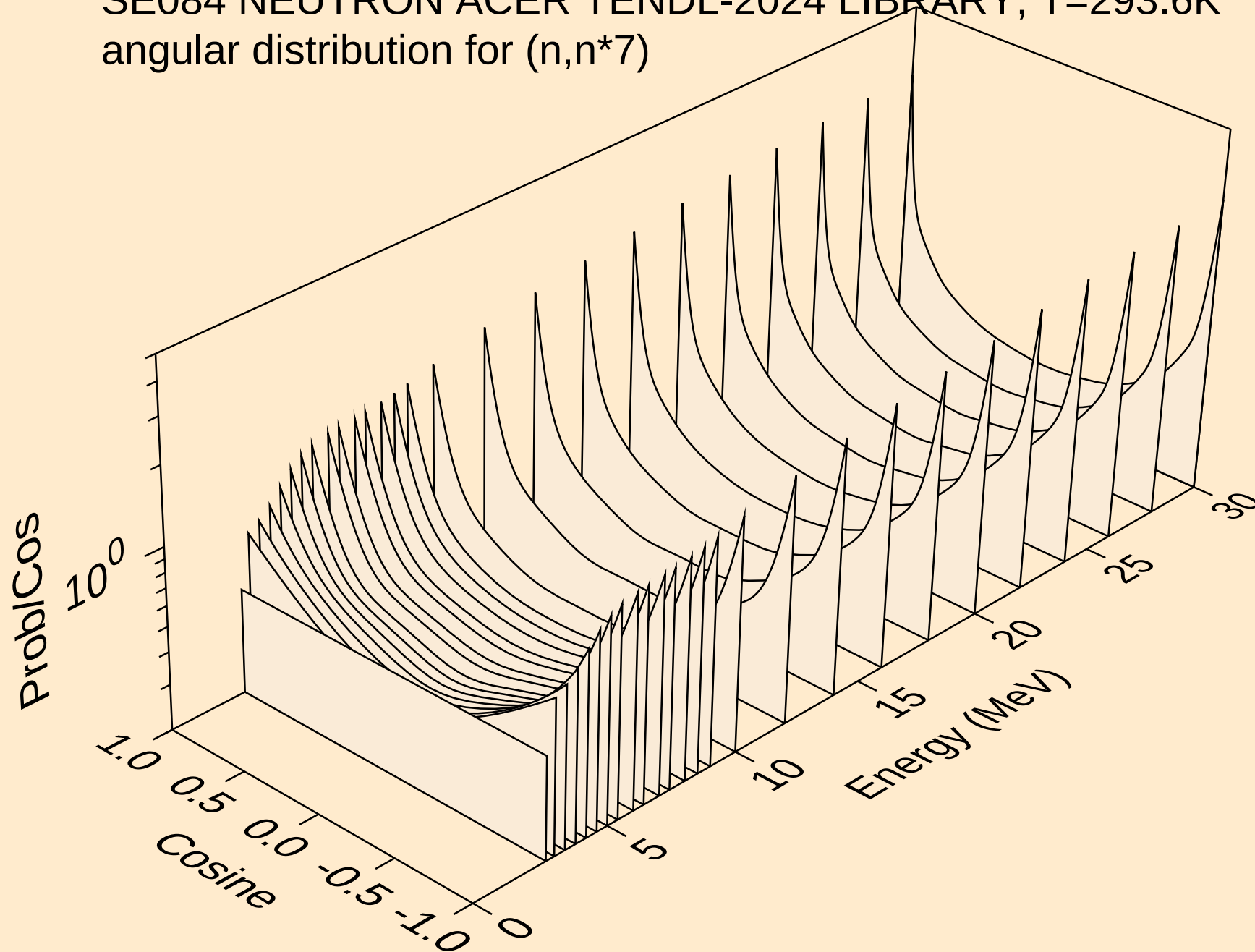
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



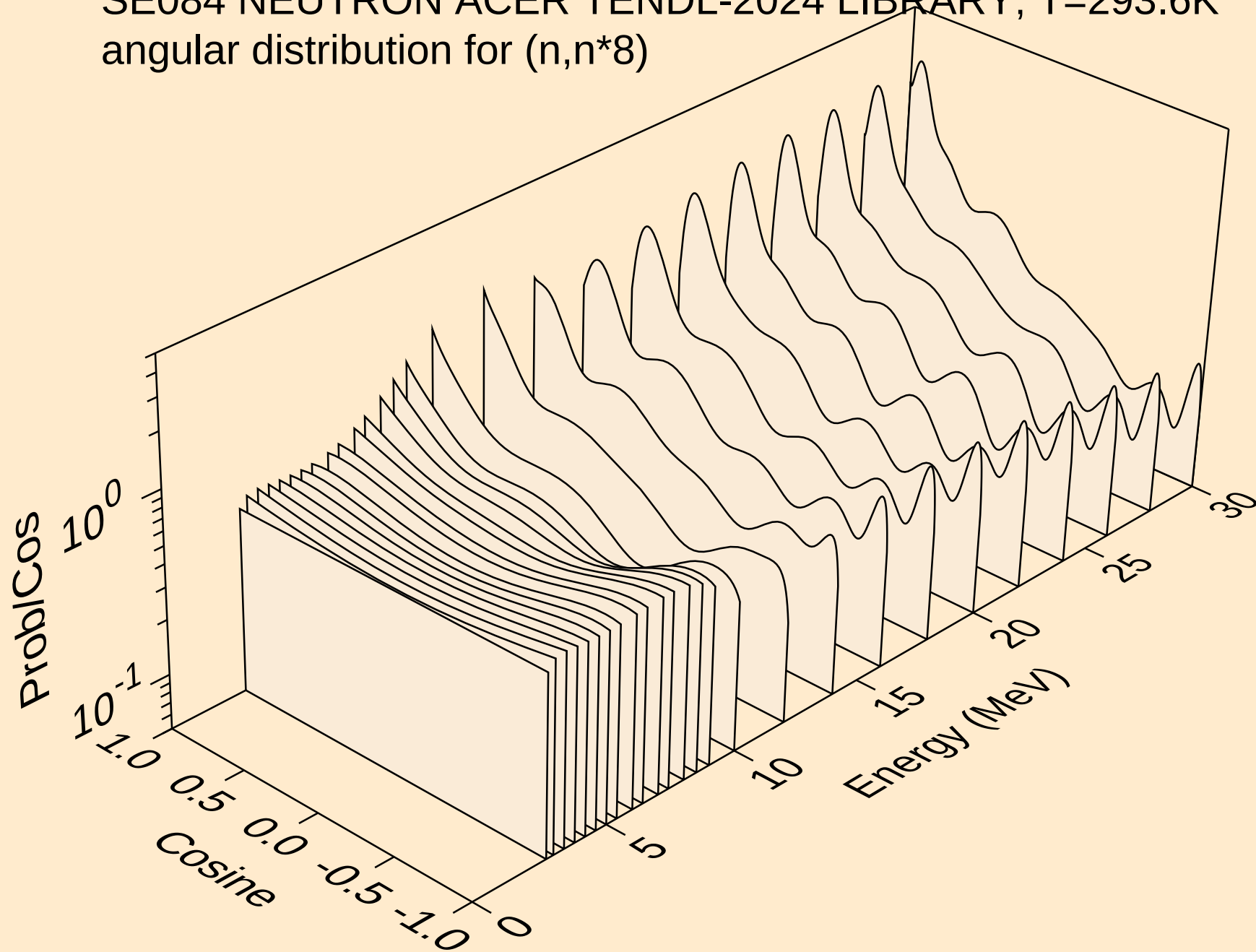
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



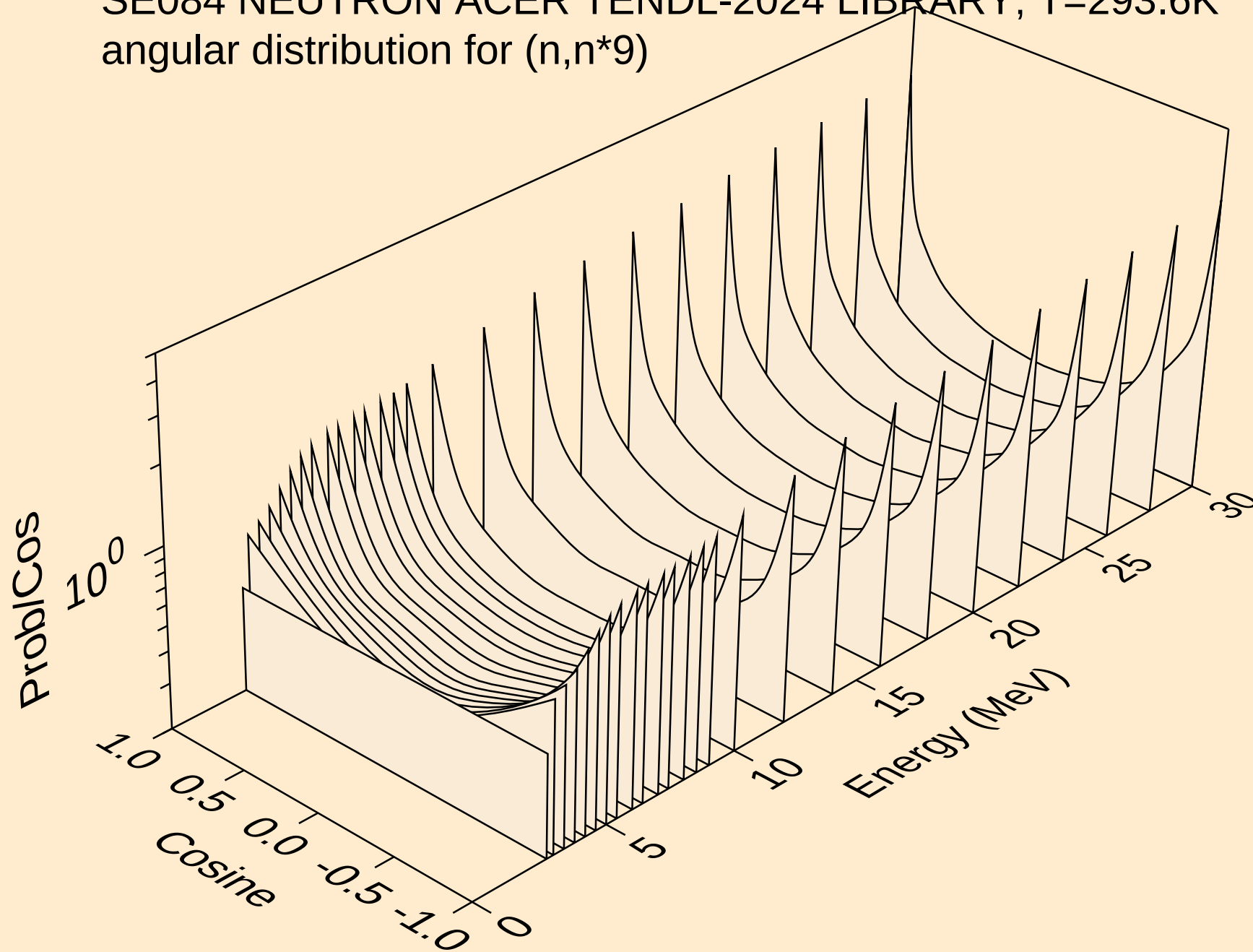
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



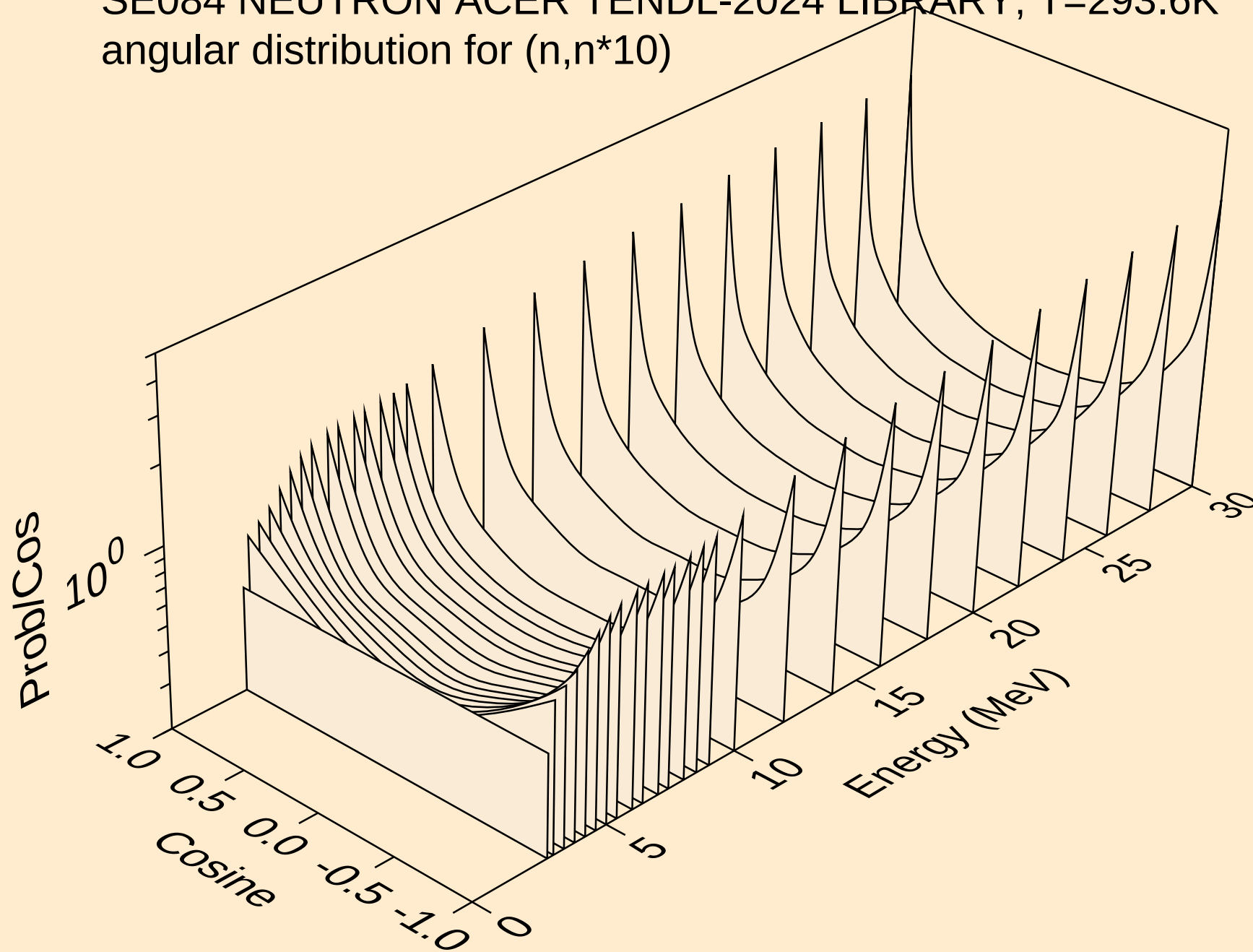
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



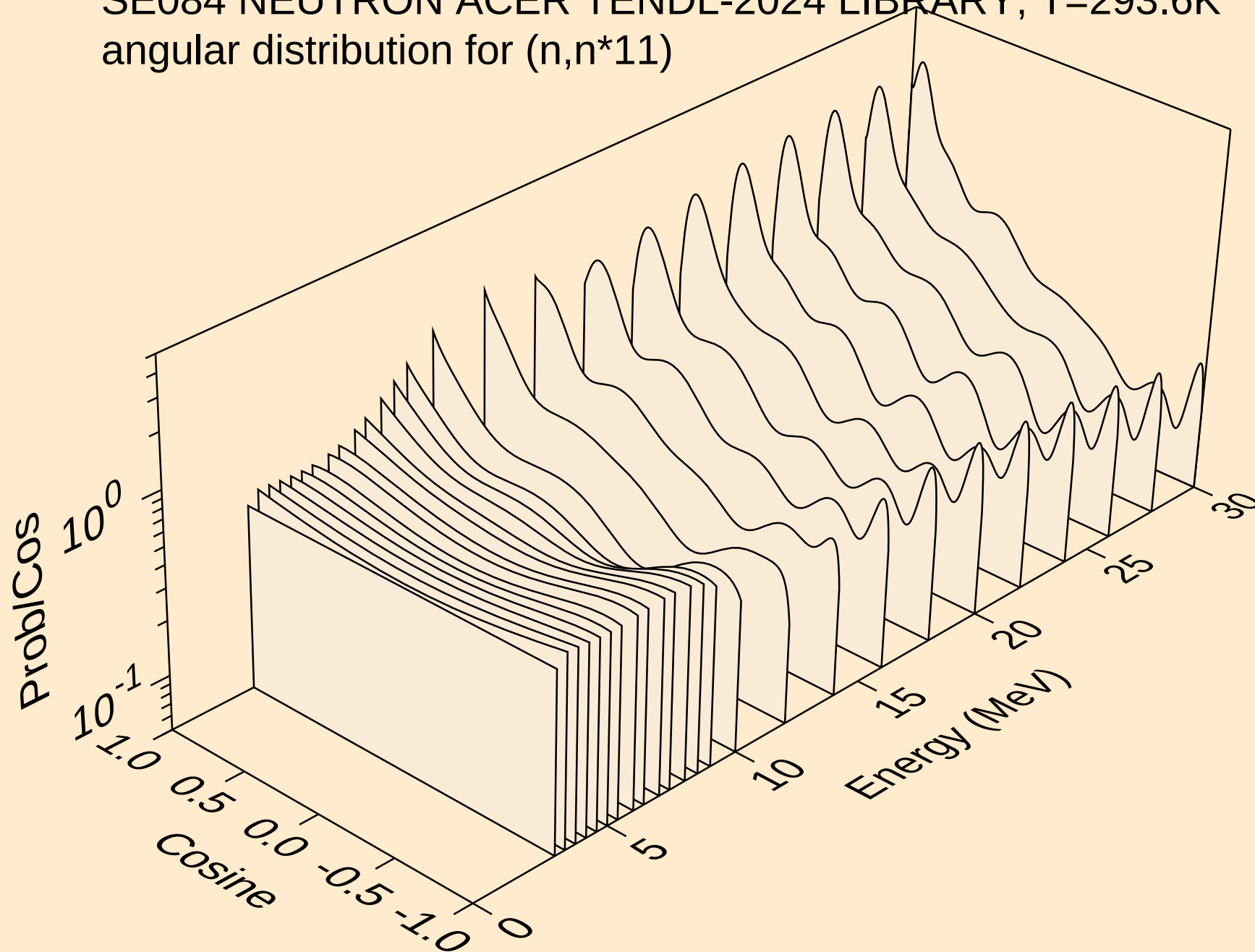
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



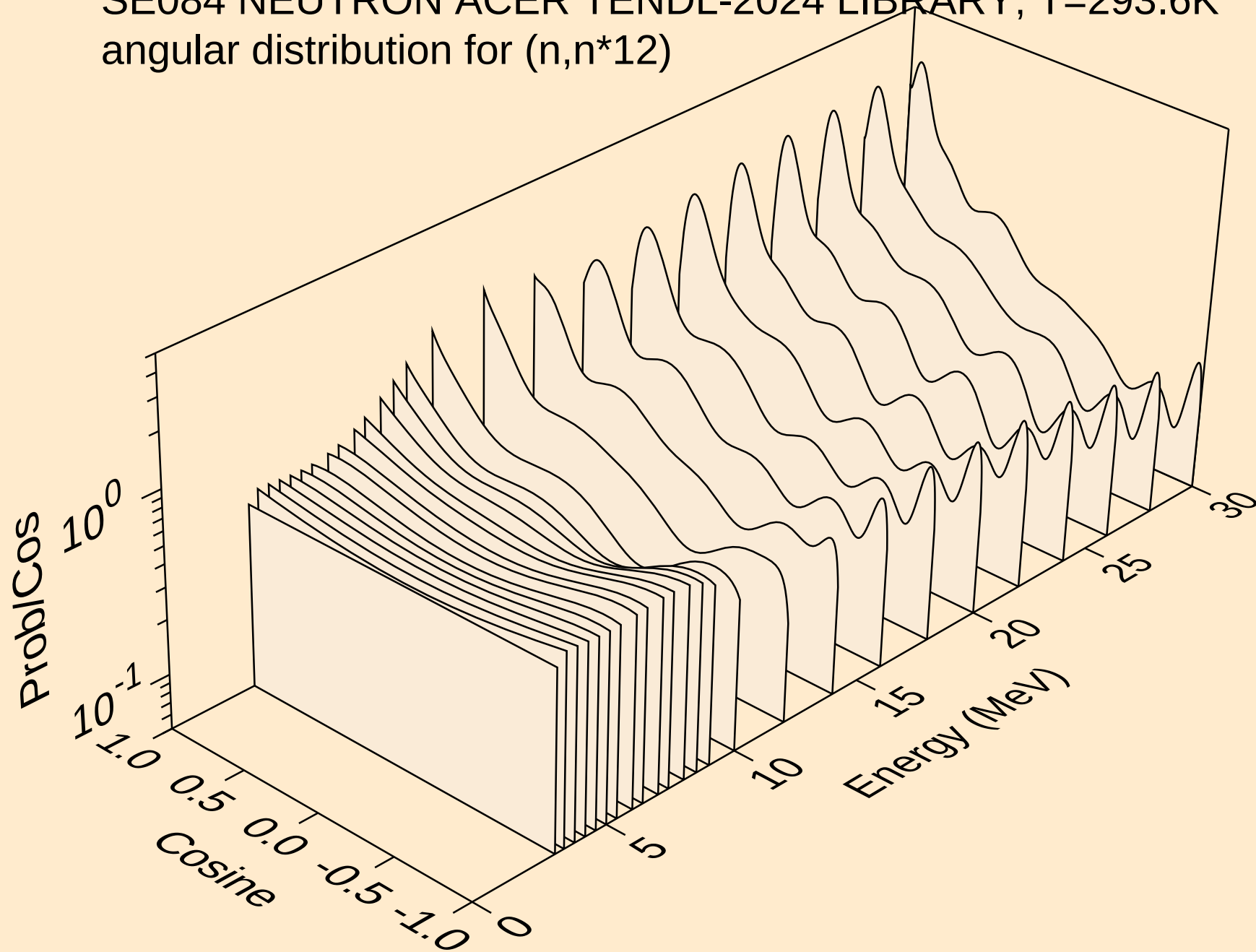
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angular distribution for (n,n\*10)



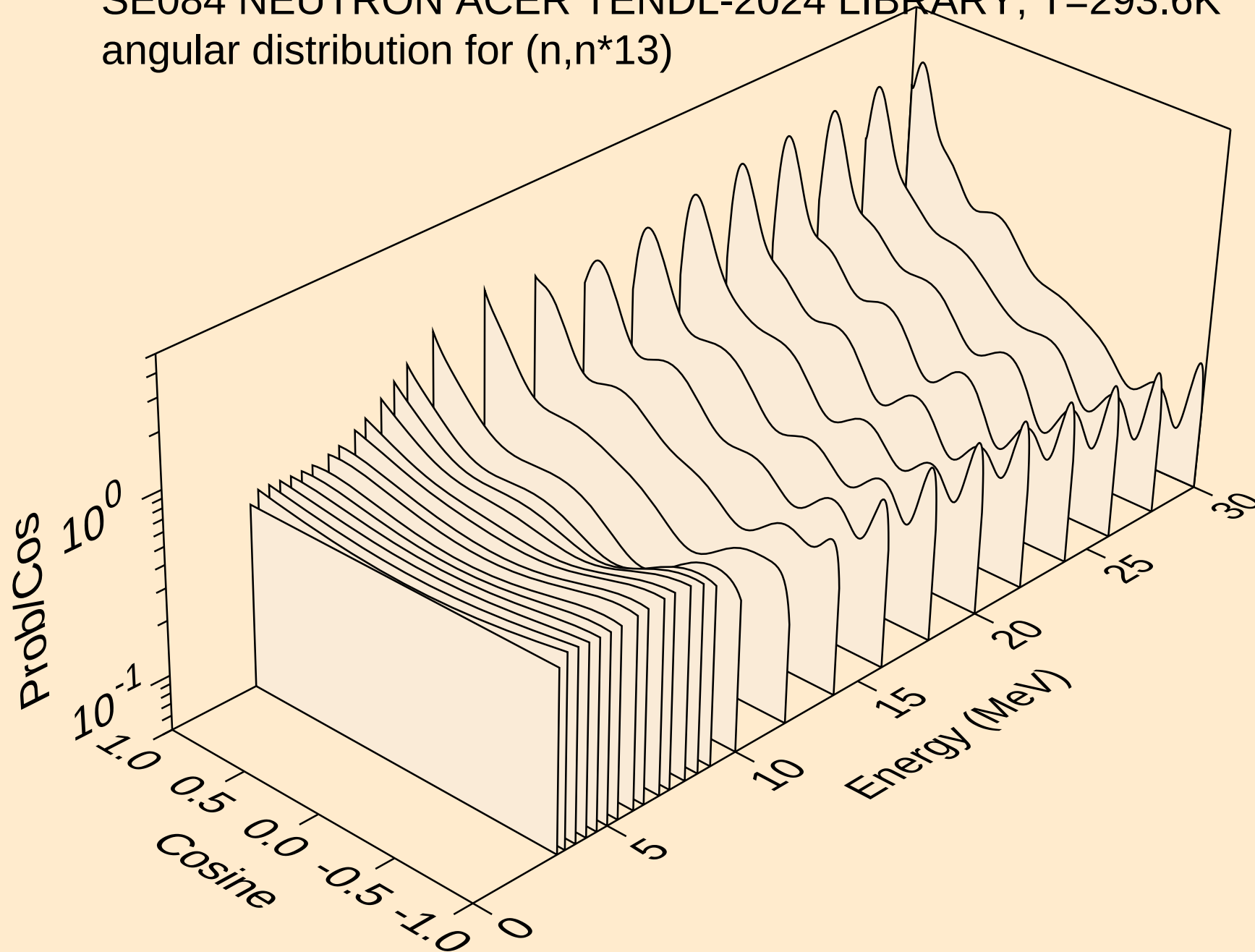
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



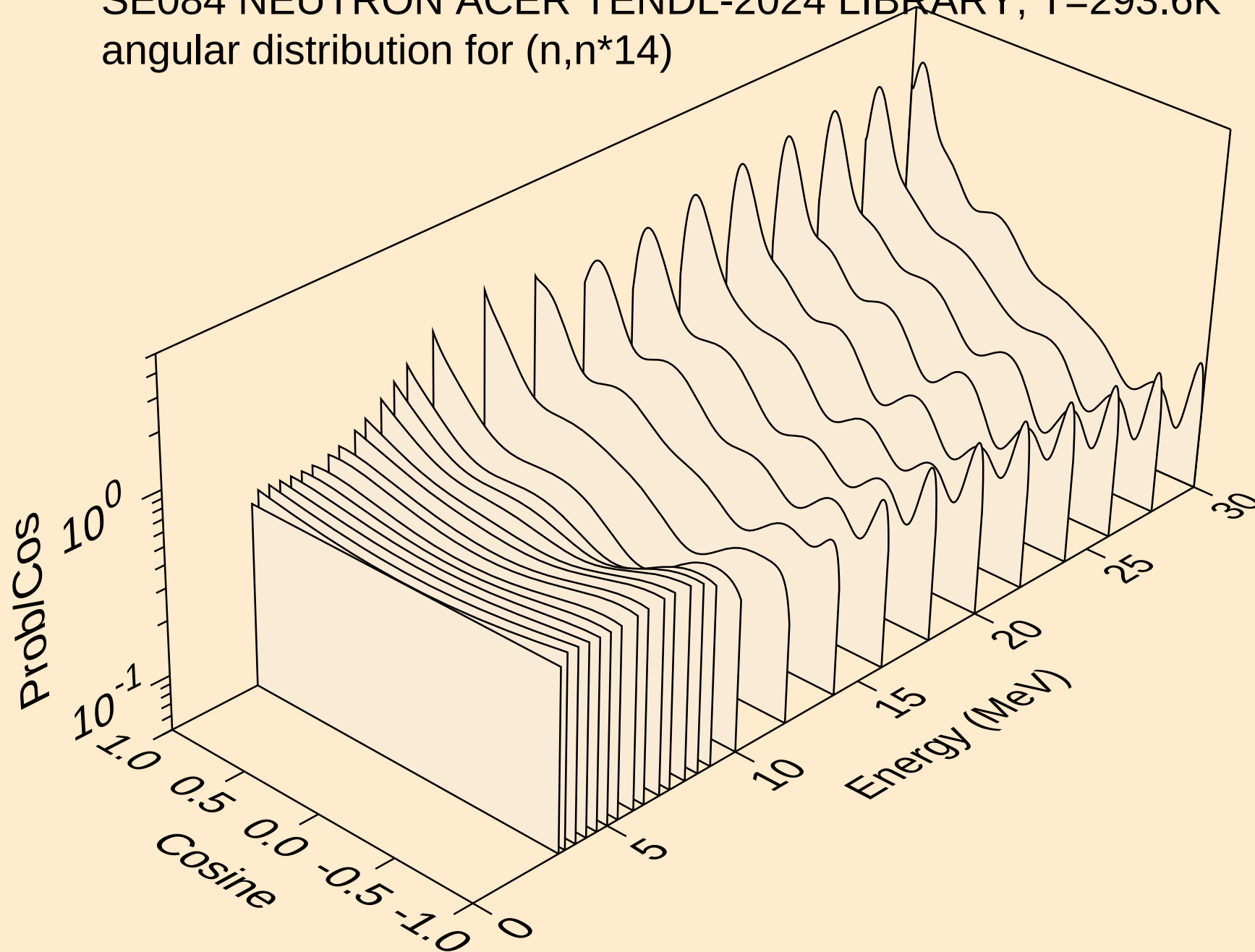
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angular distribution for (n,n\*12)



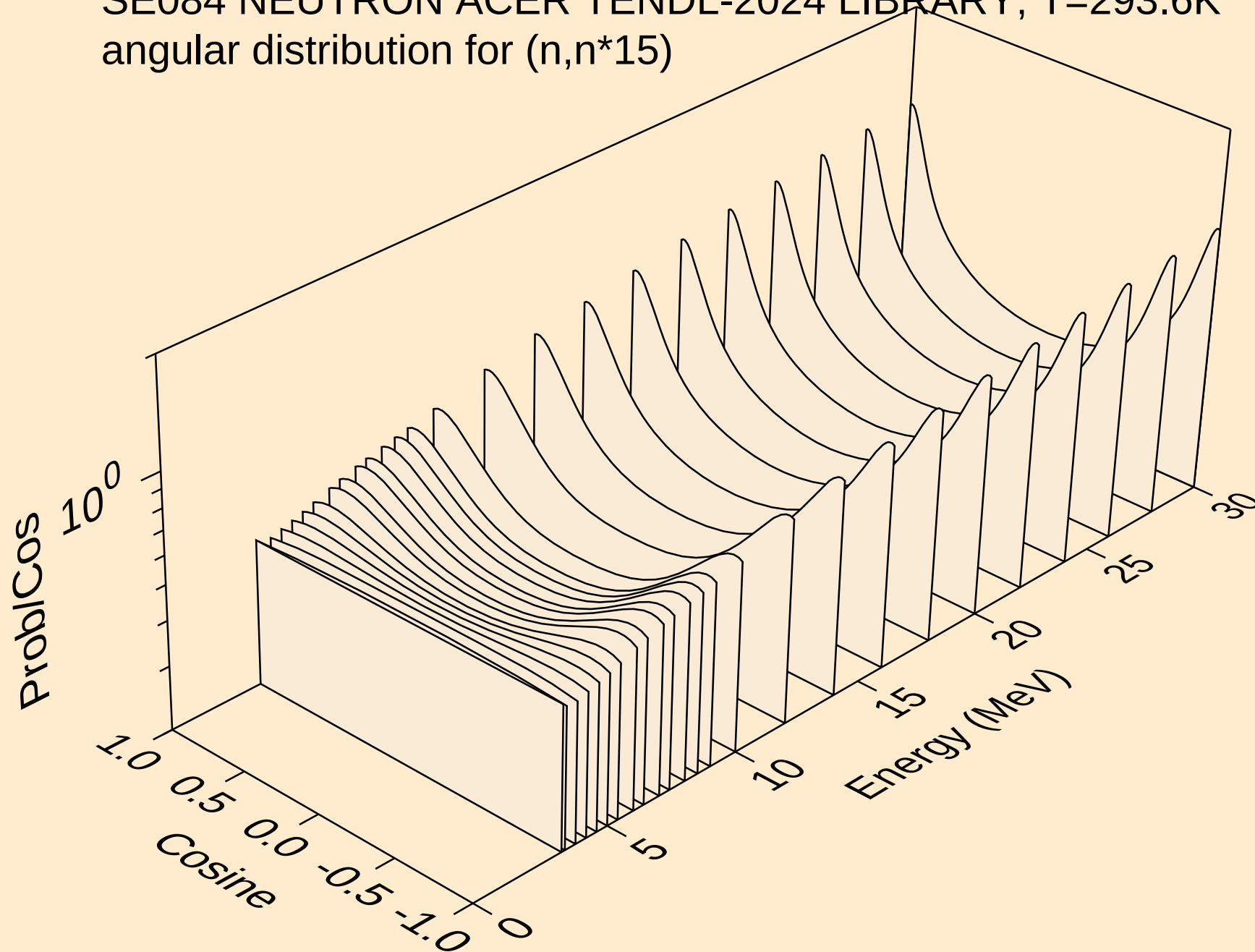
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angular distribution for (n,n\*13)



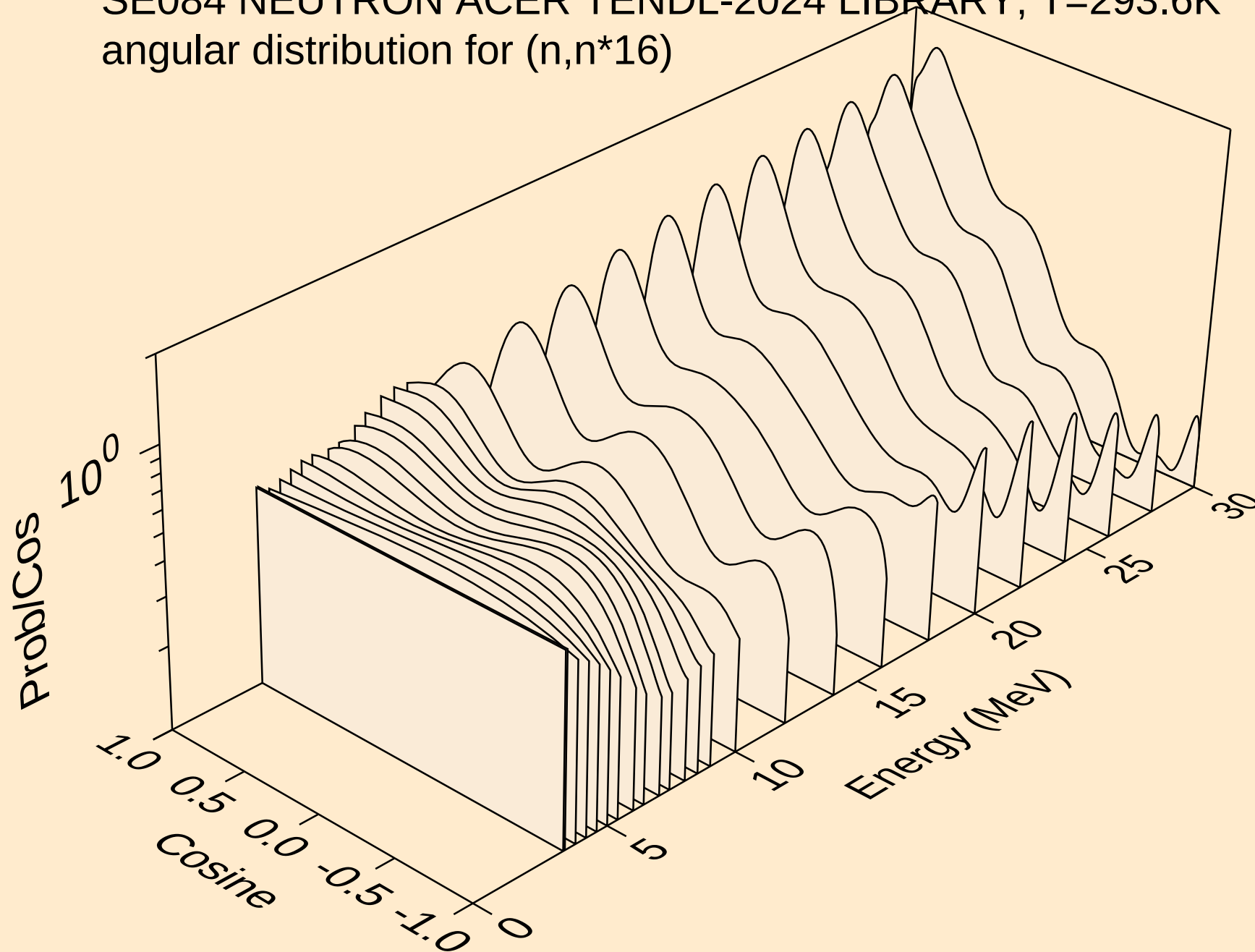
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angular distribution for (n,n\*14)



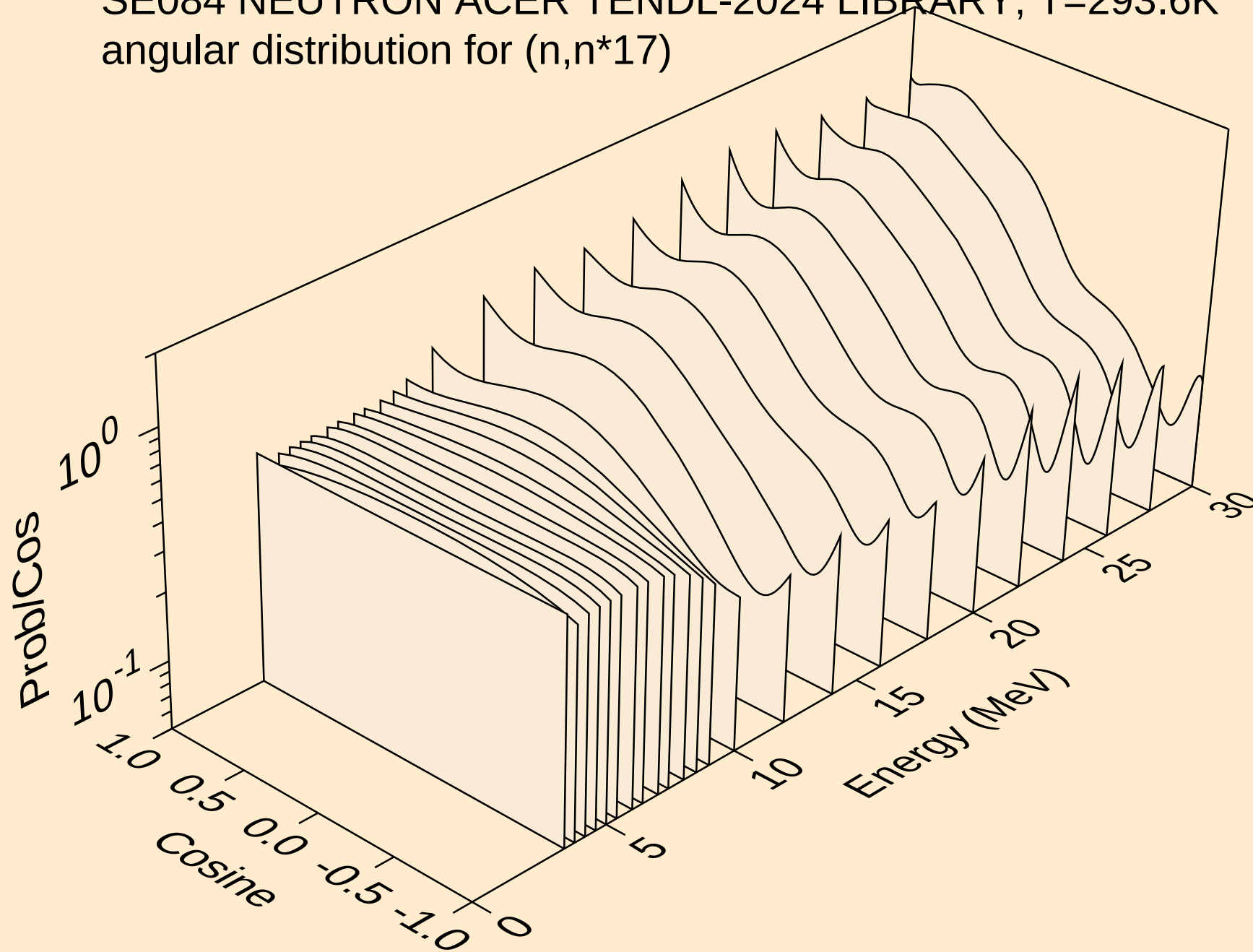
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angular distribution for (n,n\*15)



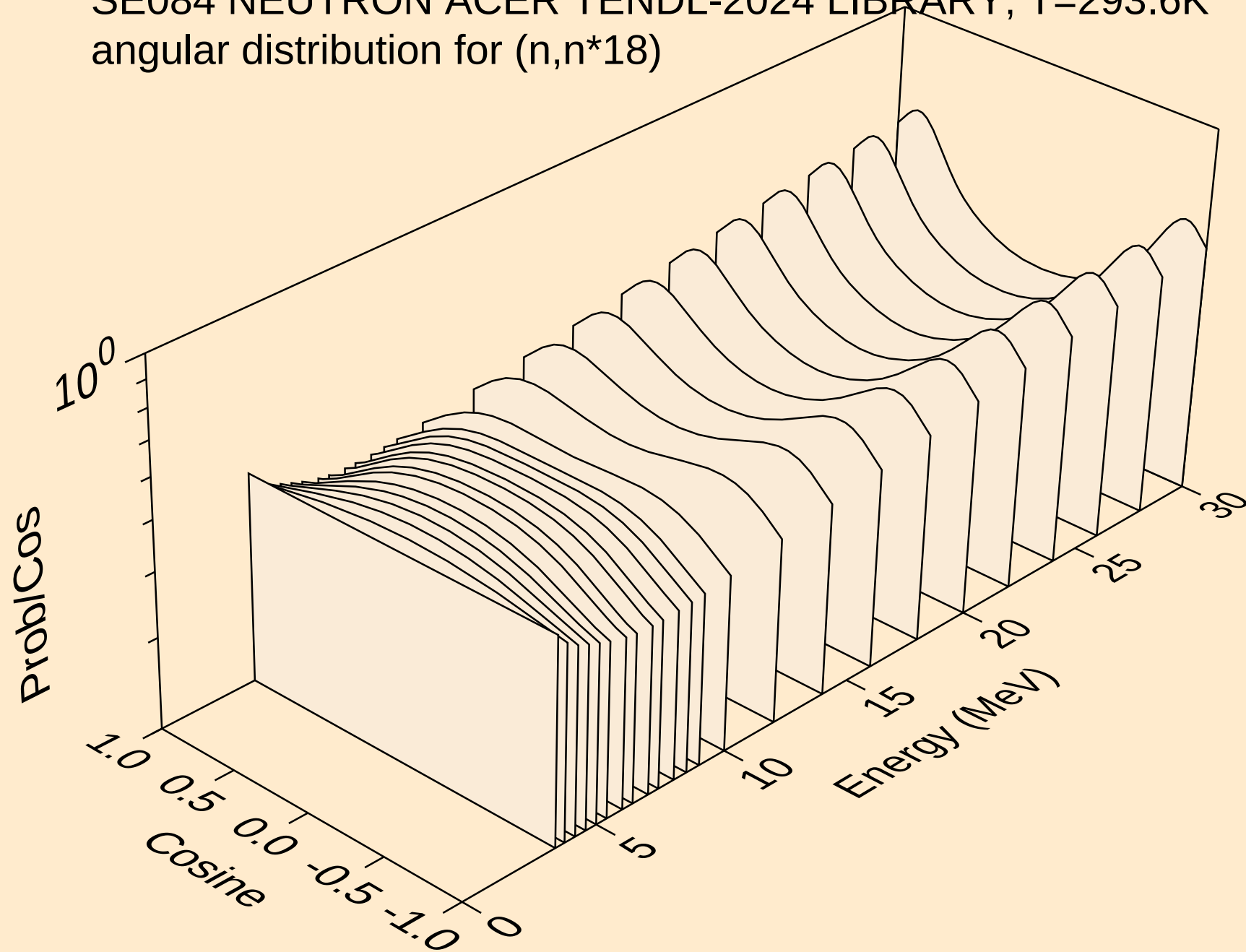
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angular distribution for (n,n\*16)



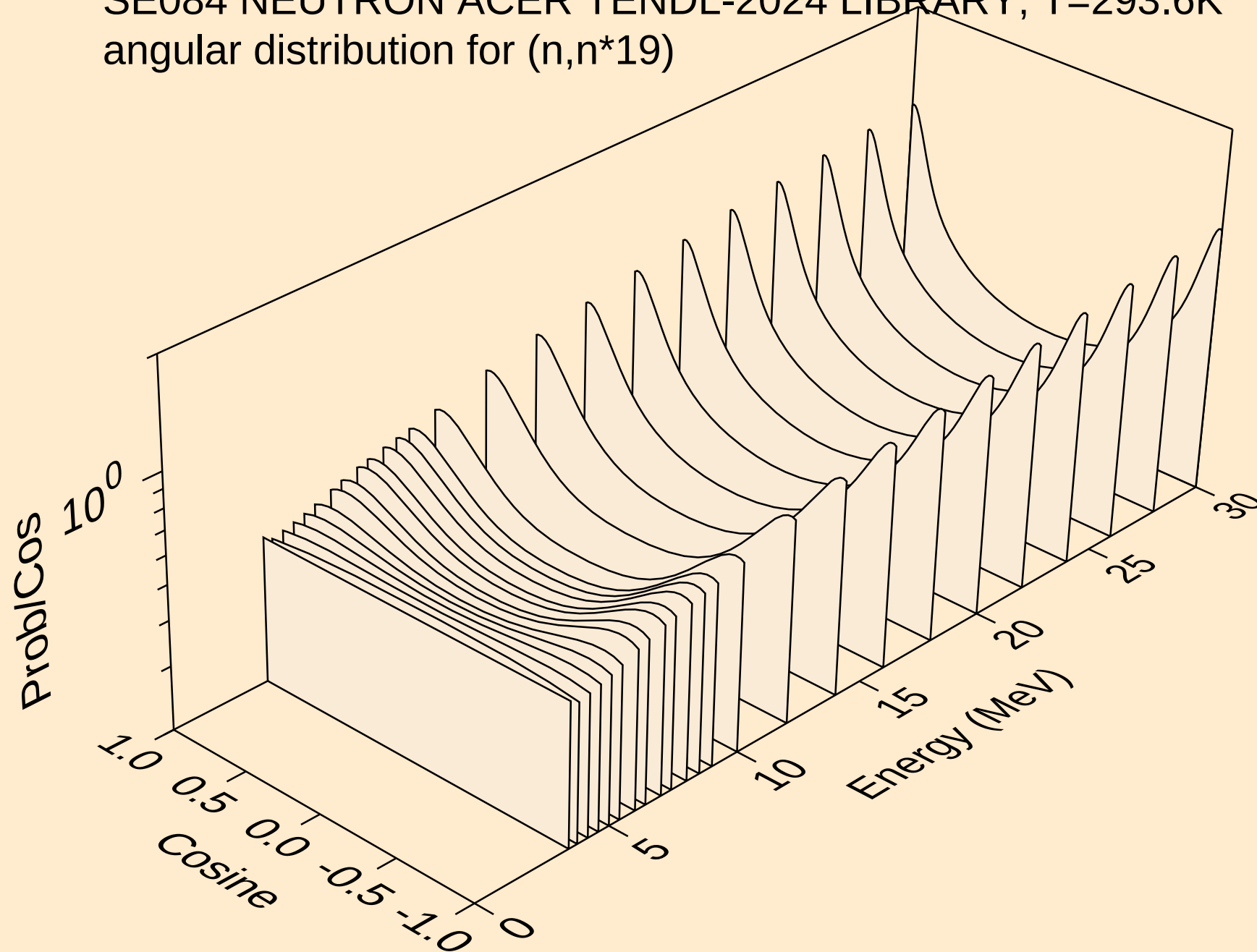
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angular distribution for (n,n\*17)



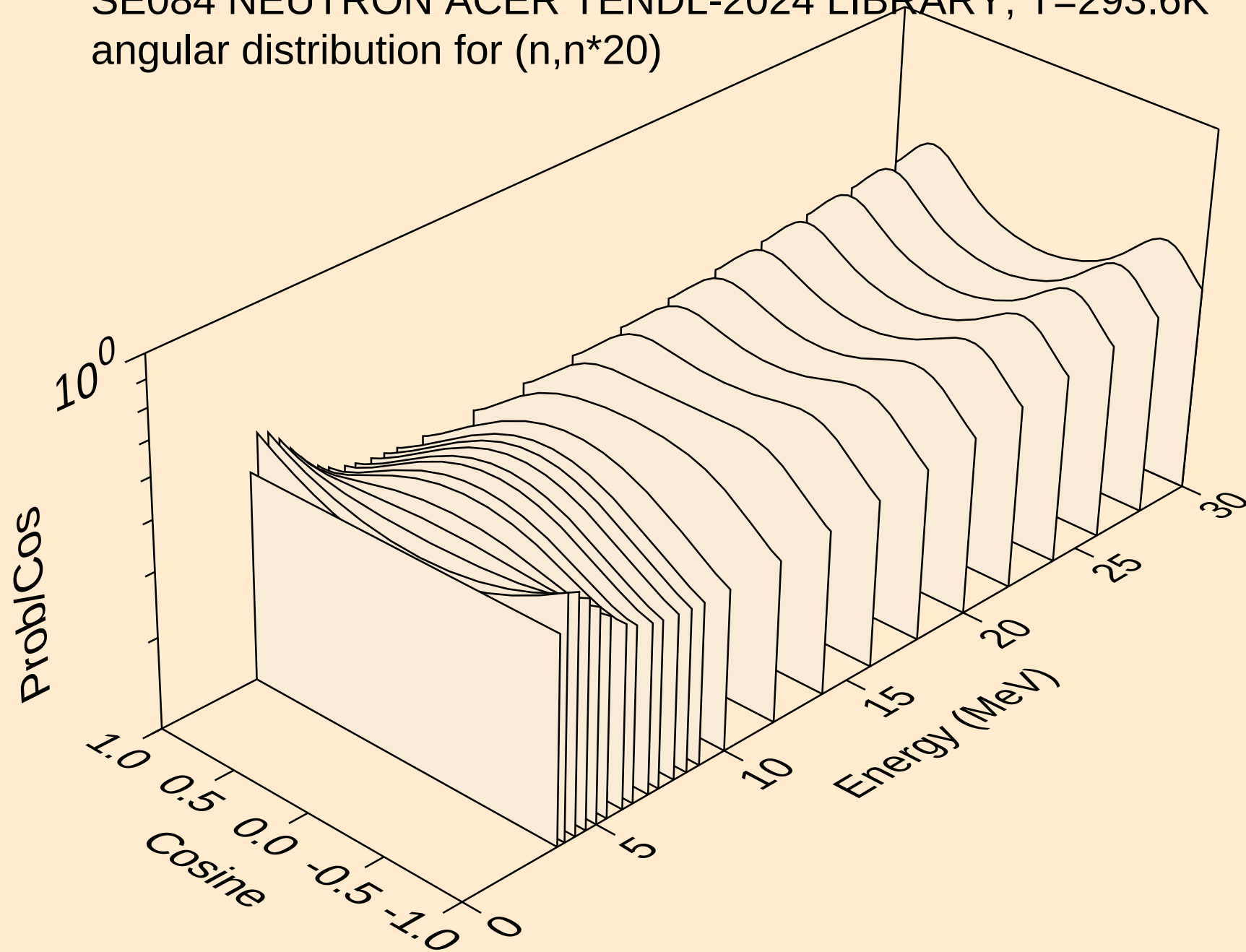
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angular distribution for (n,n\*18)



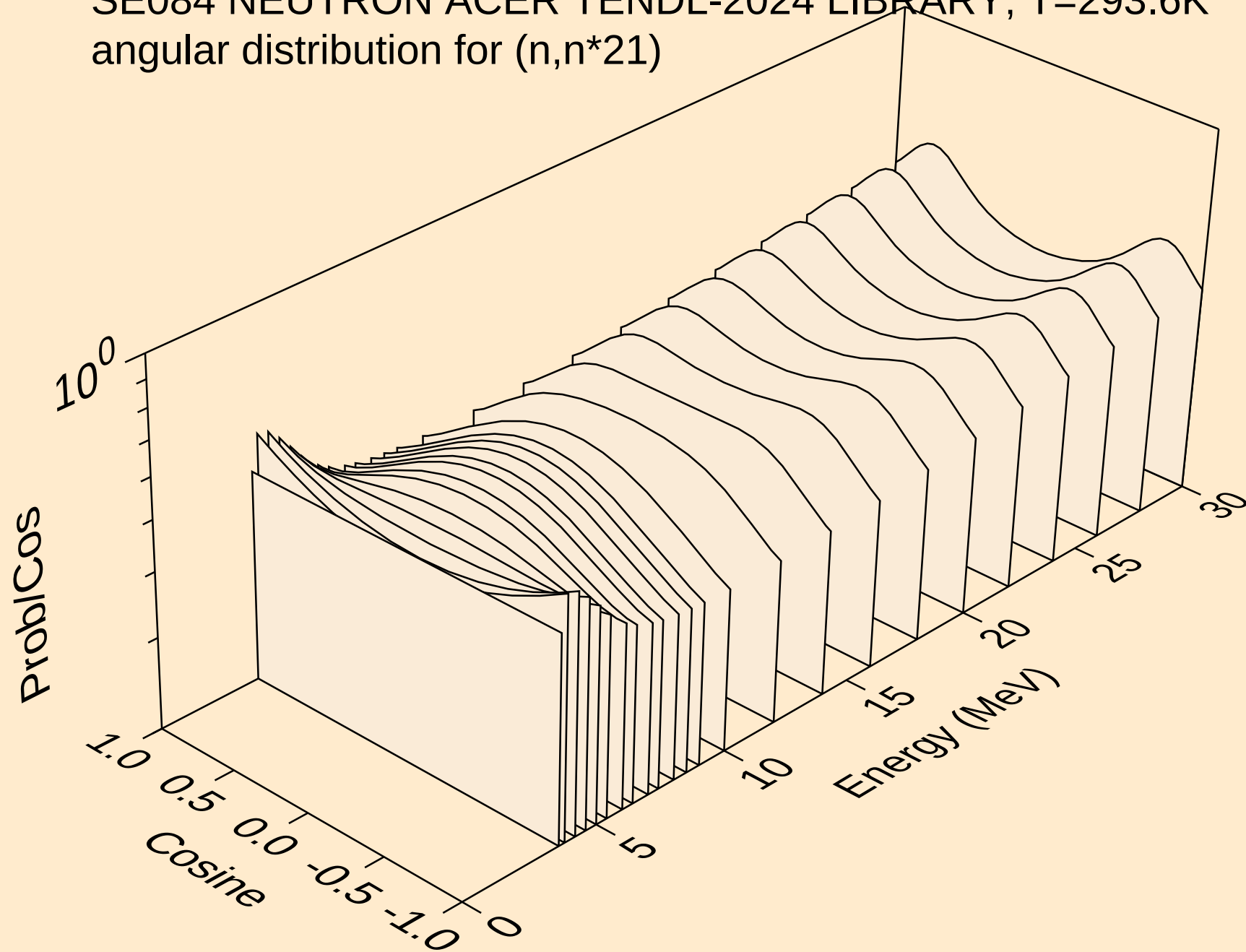
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



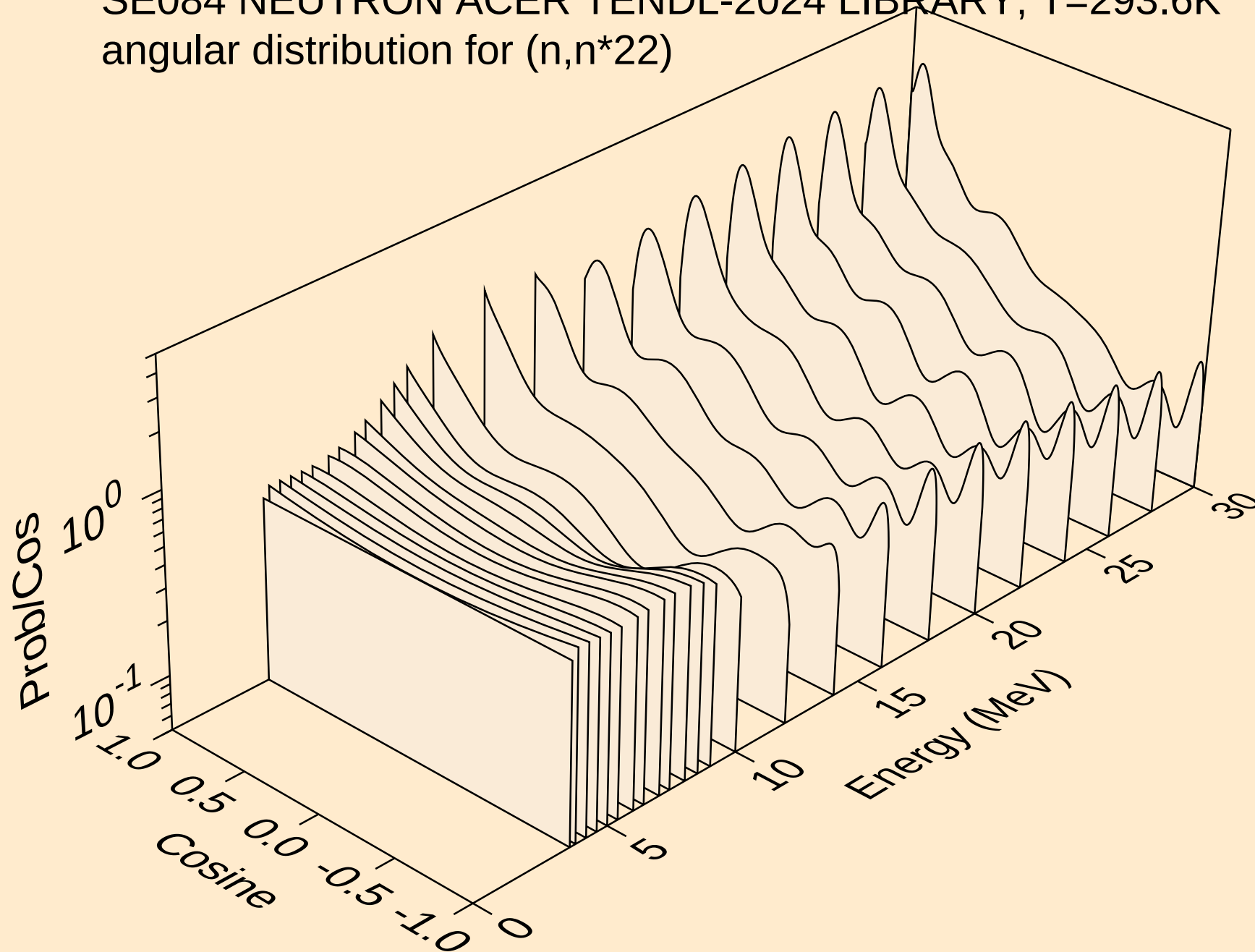
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



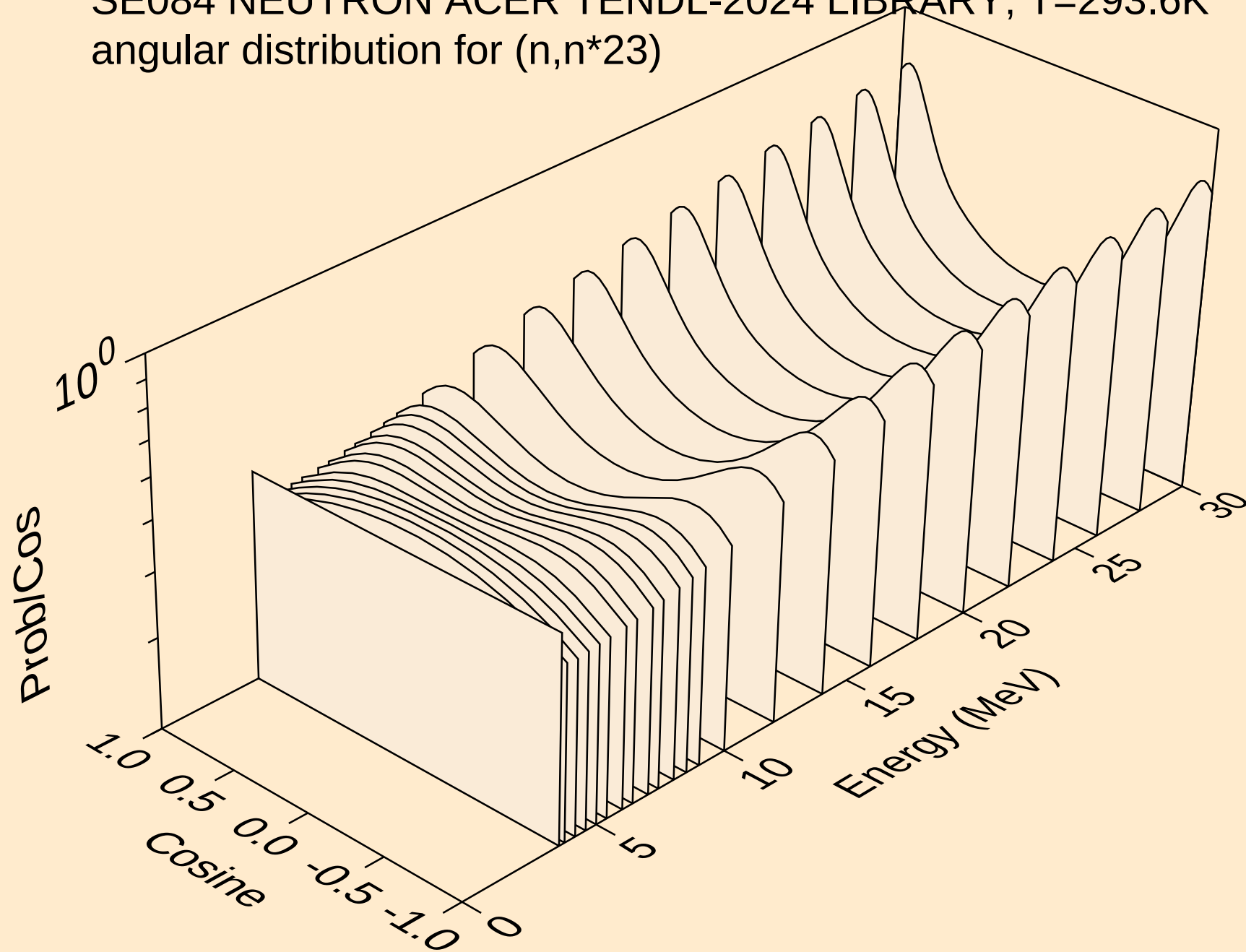
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



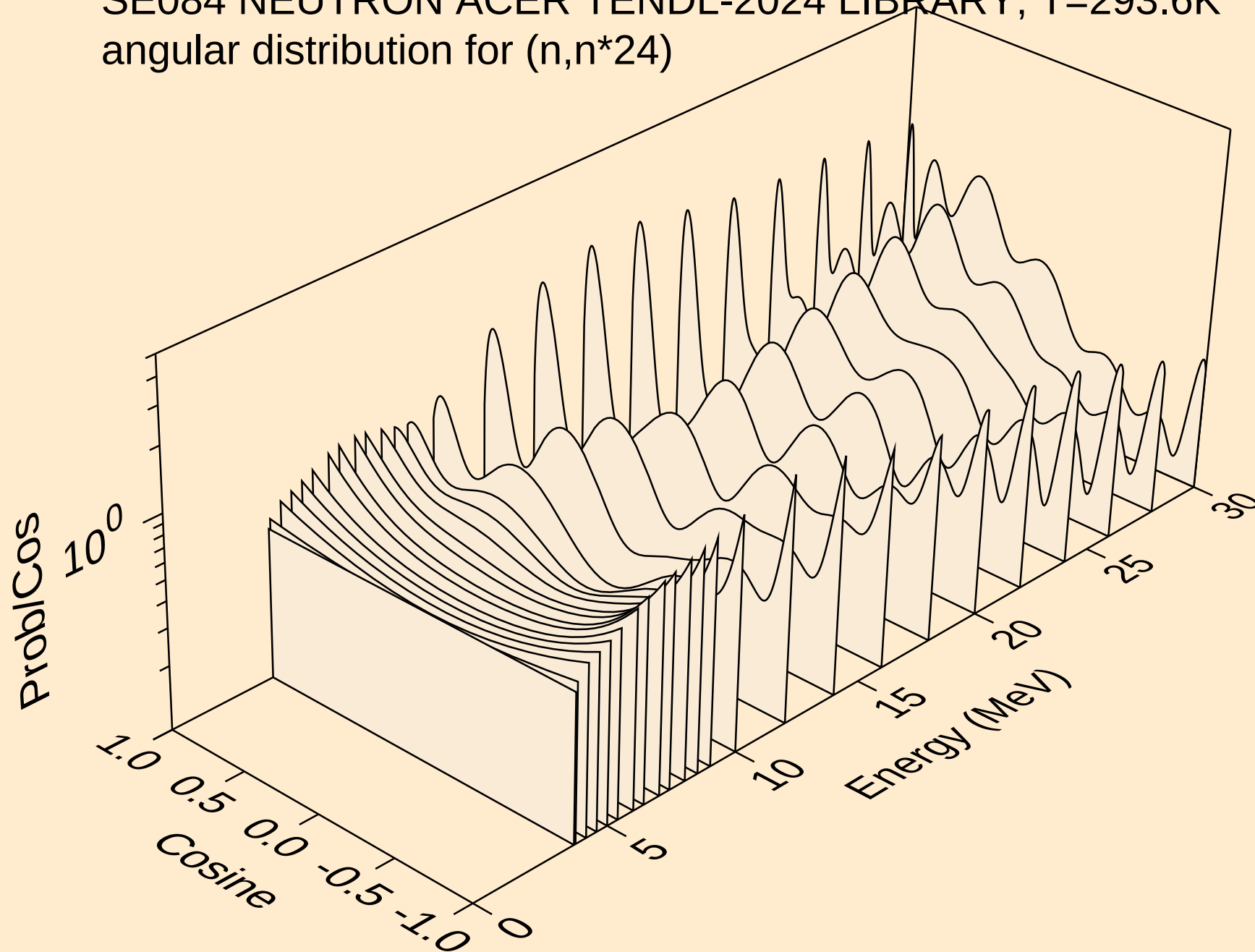
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angular distribution for (n,n\*22)



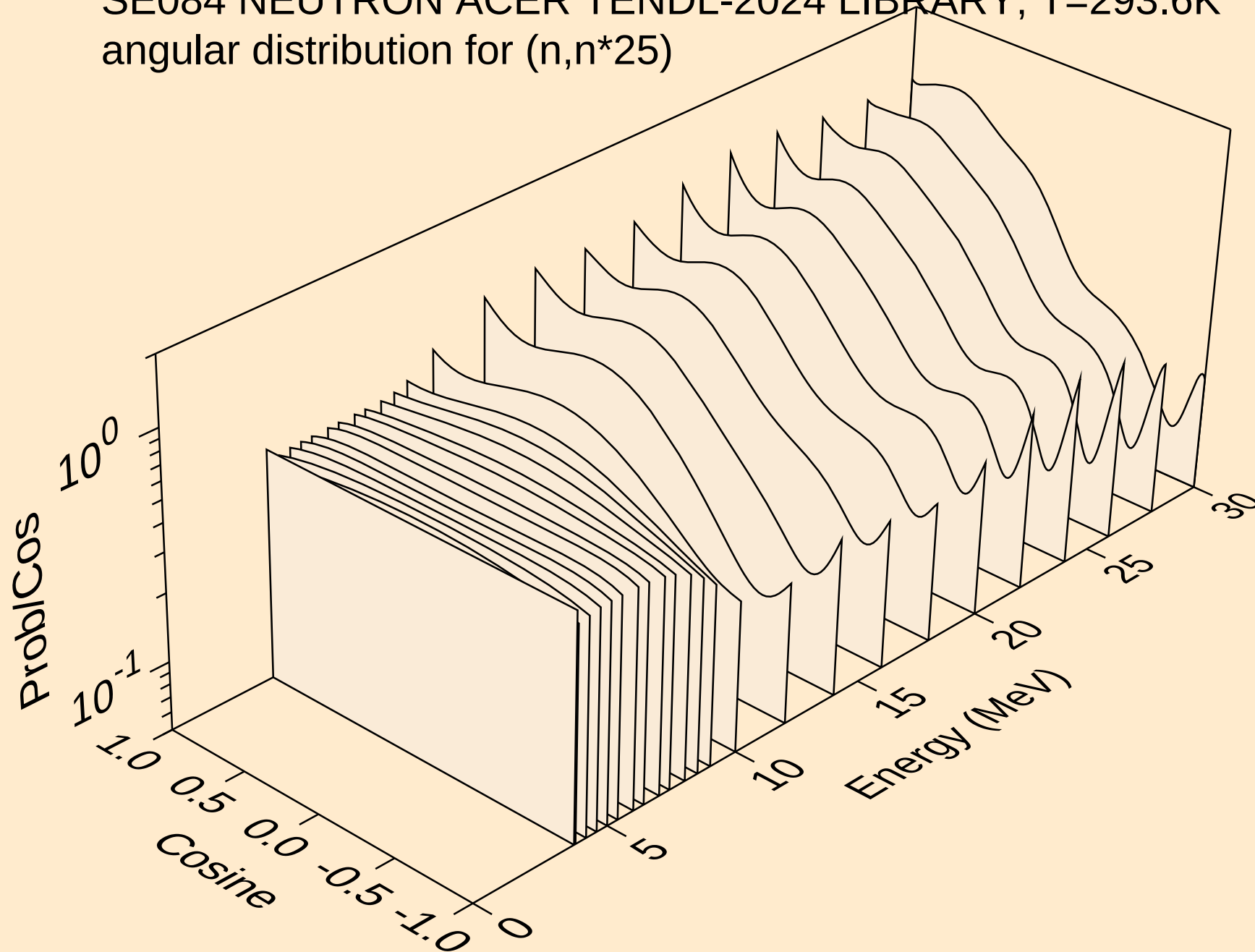
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



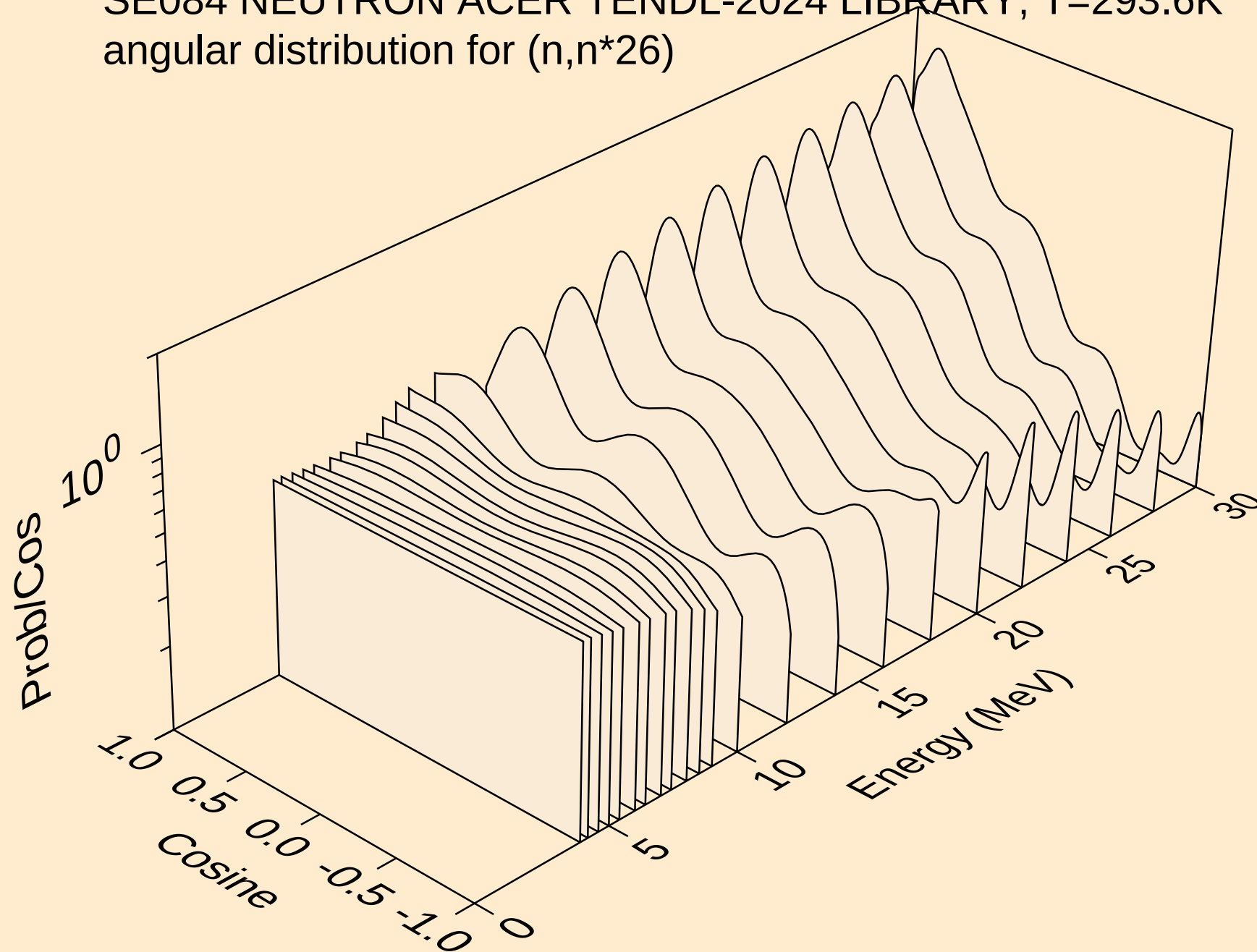
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angular distribution for (n,n\*24)



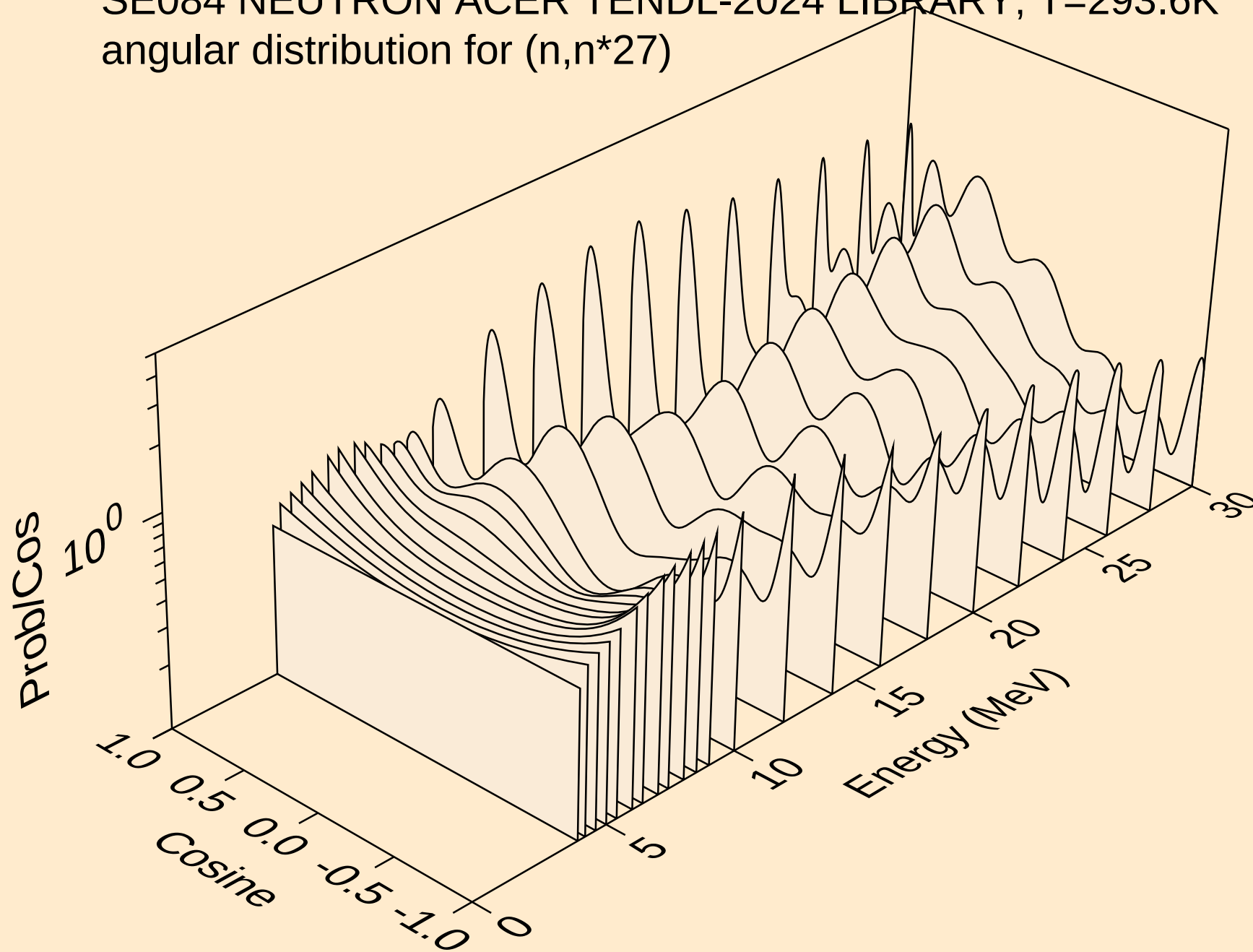
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



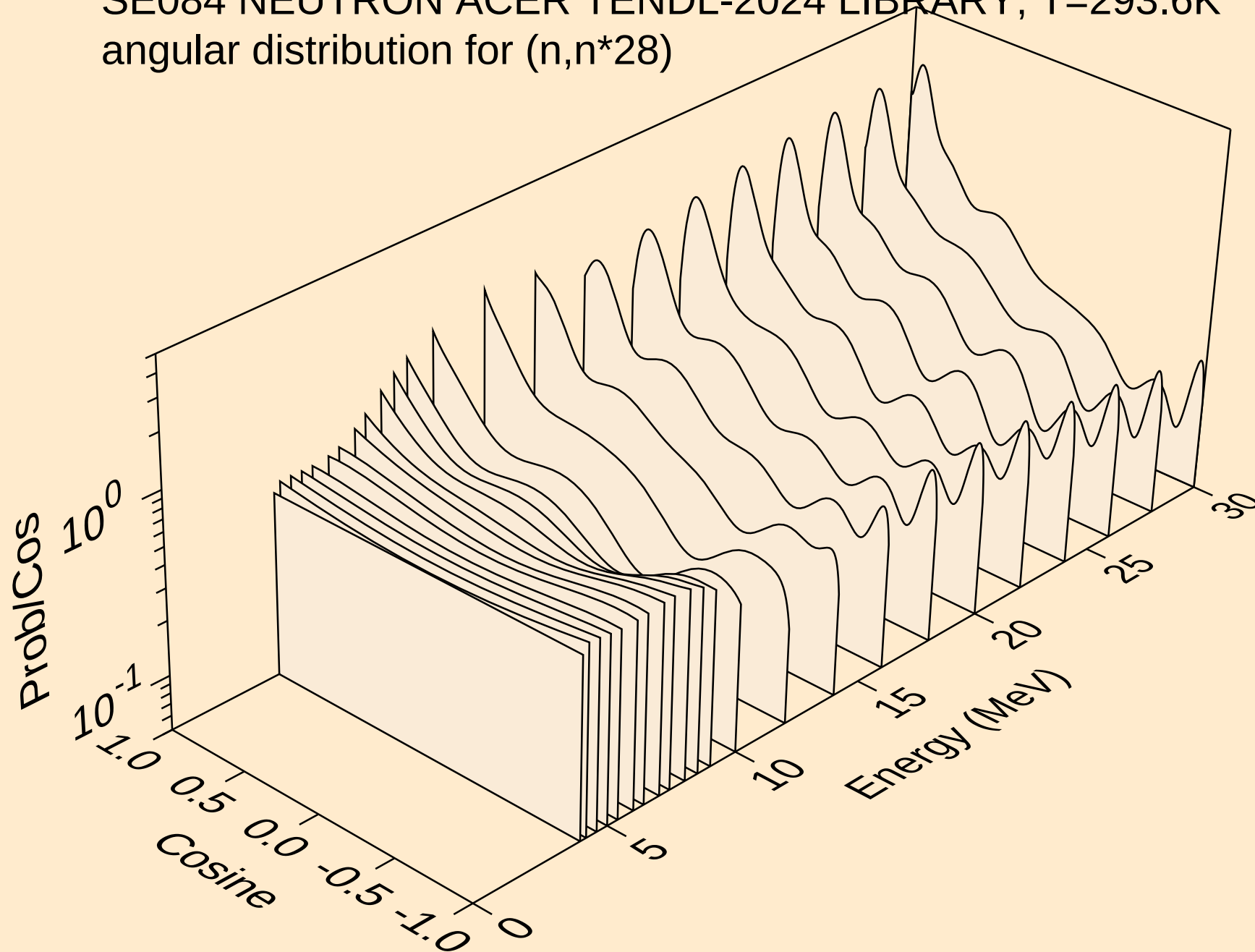
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angular distribution for (n,n\*26)



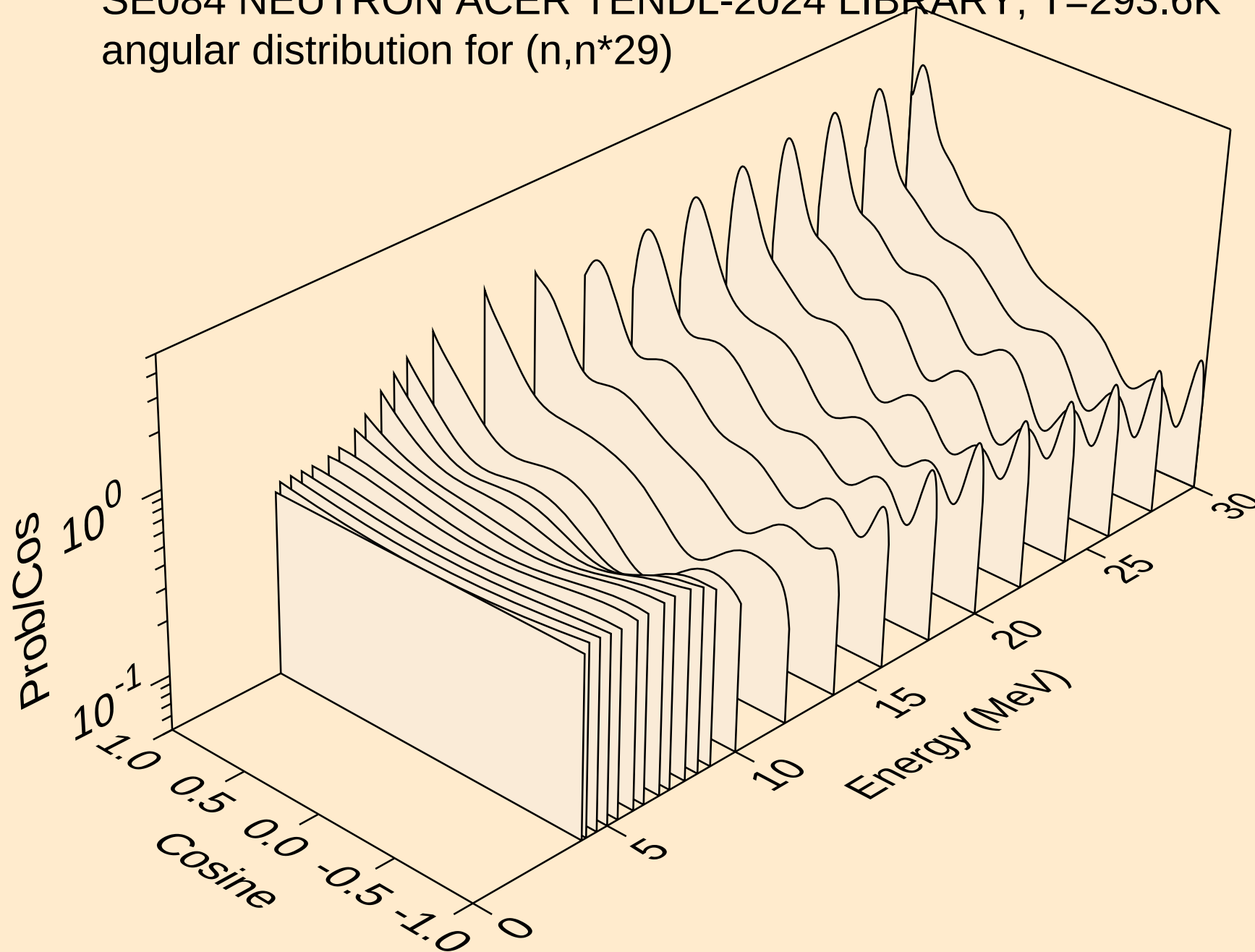
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



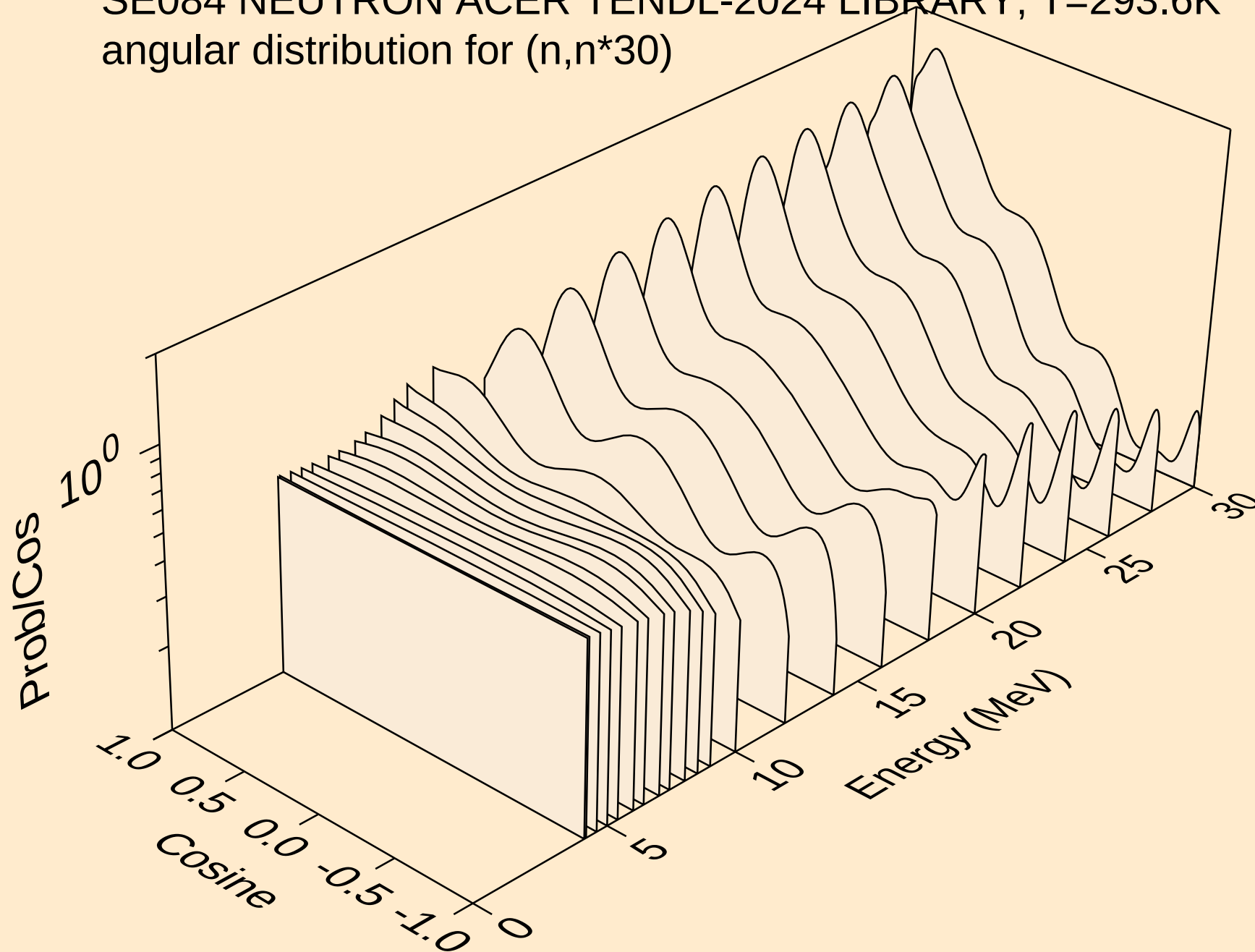
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angular distribution for (n,n\*28)



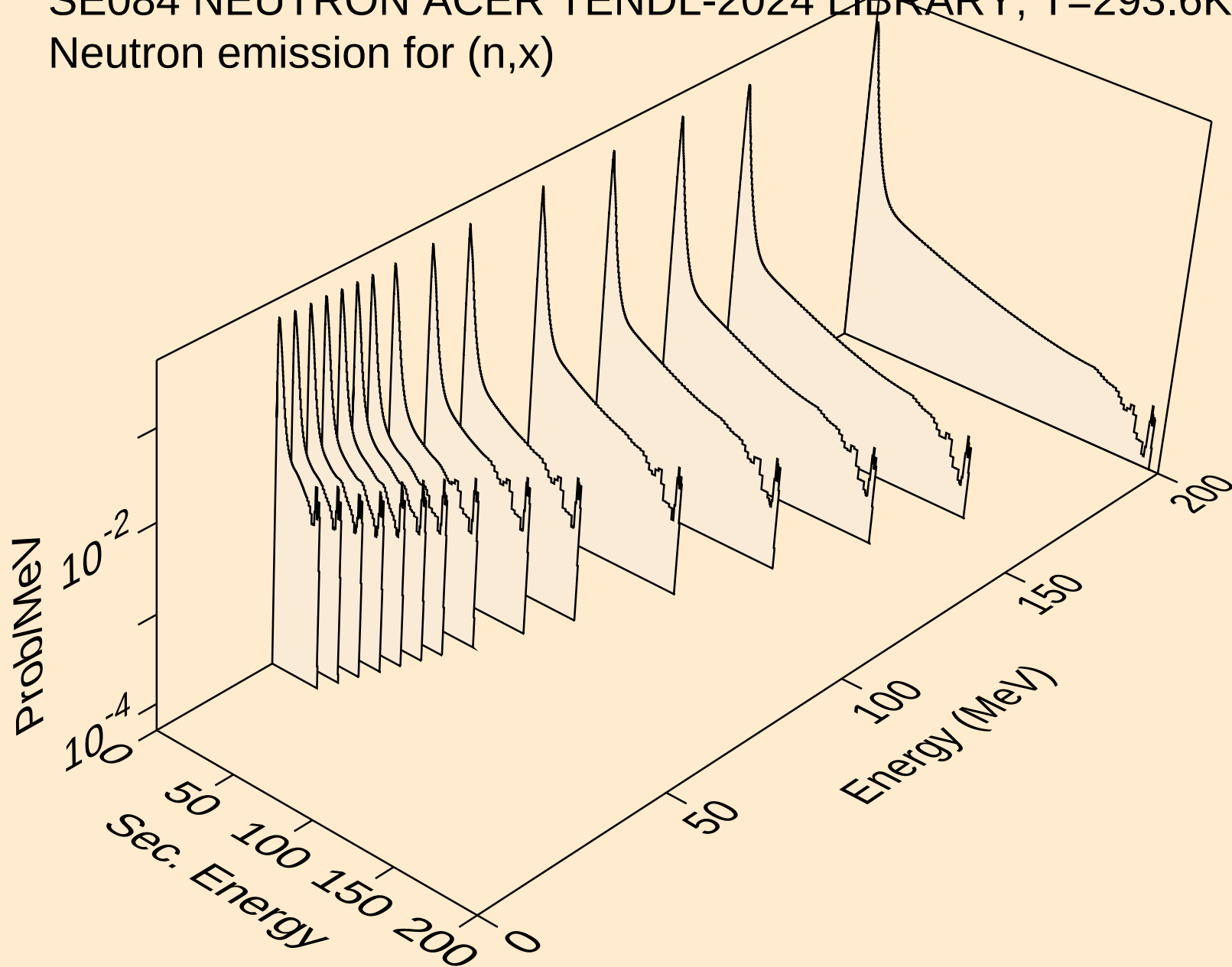
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angular distribution for (n,n\*29)



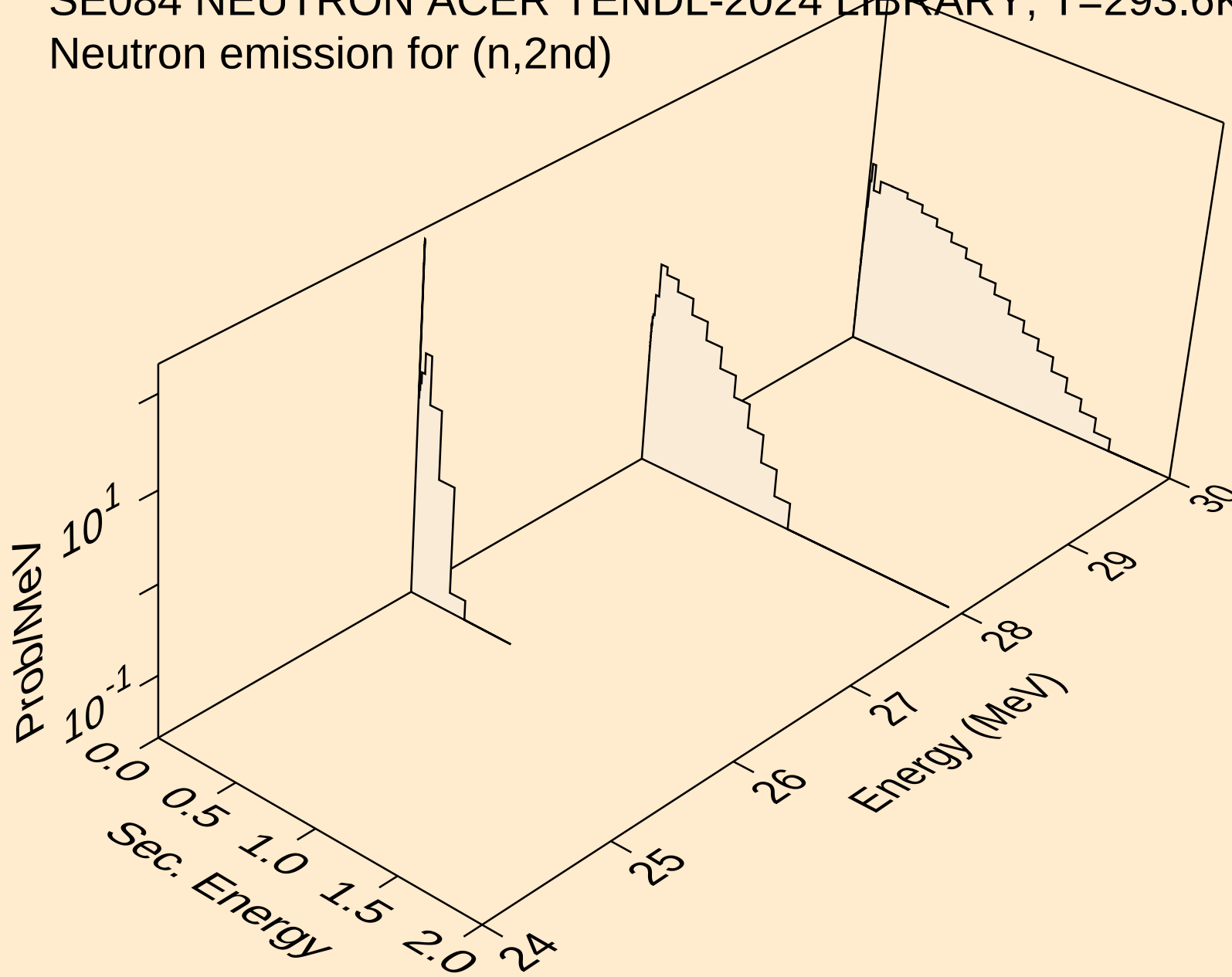
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



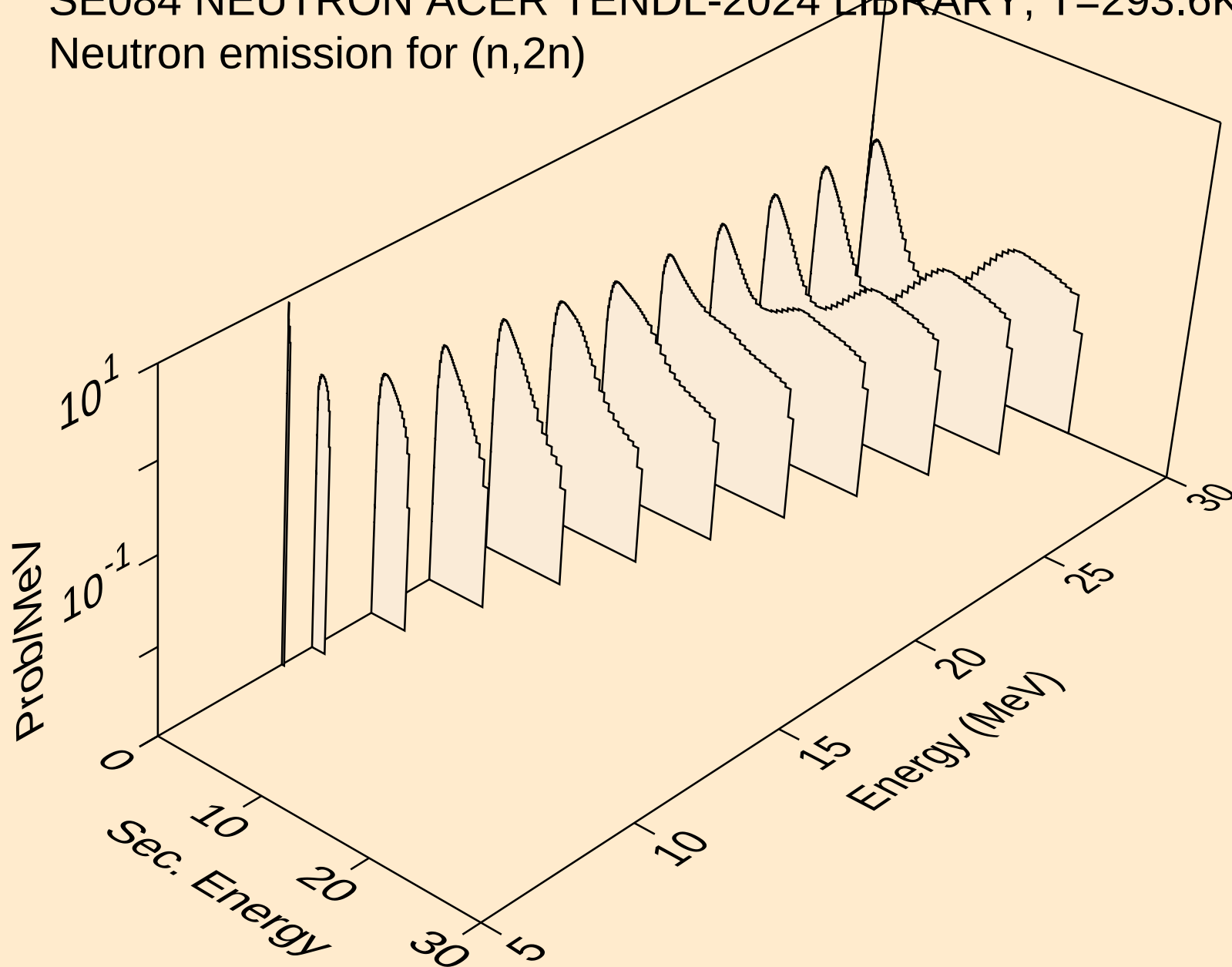
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



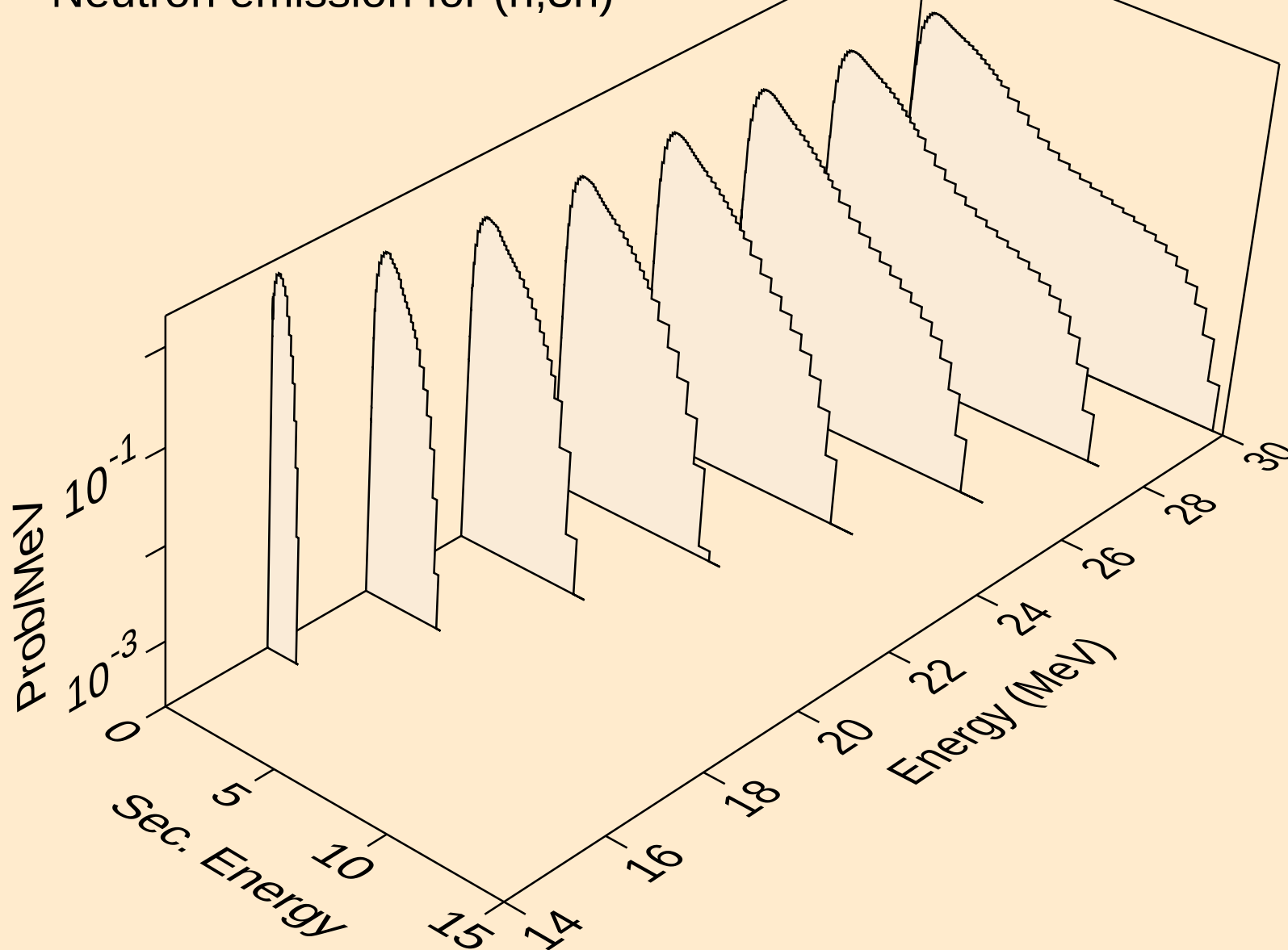
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



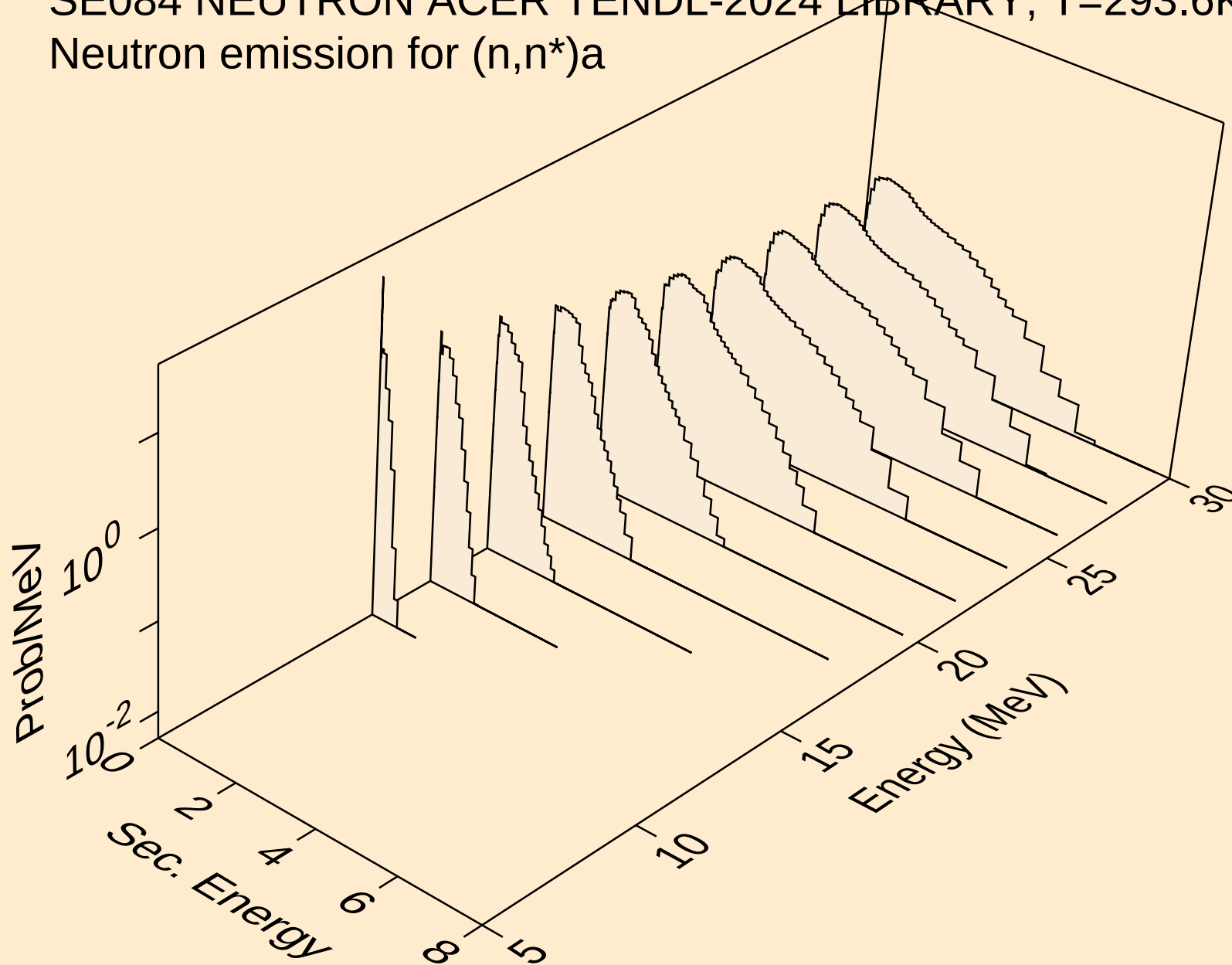
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



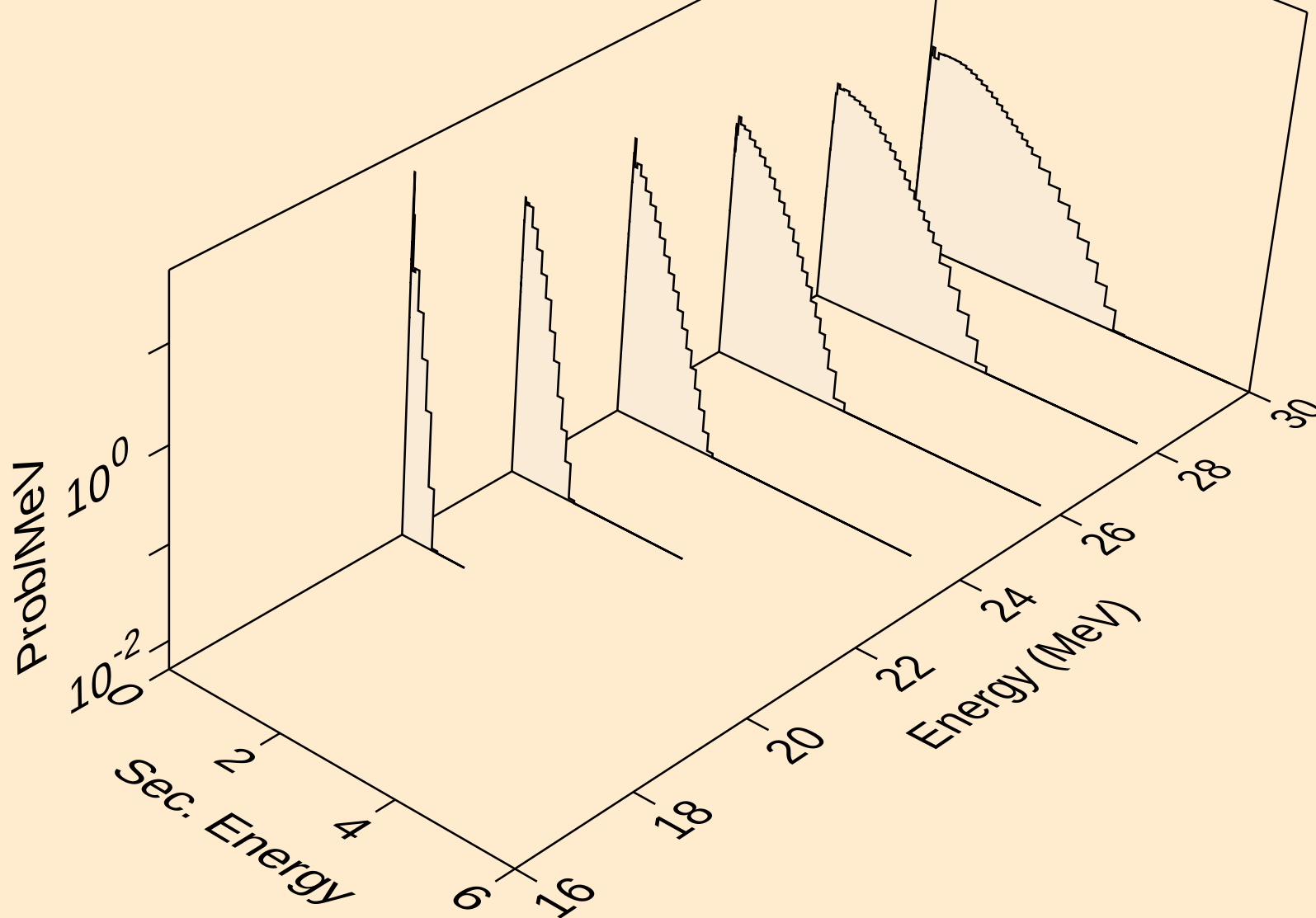
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



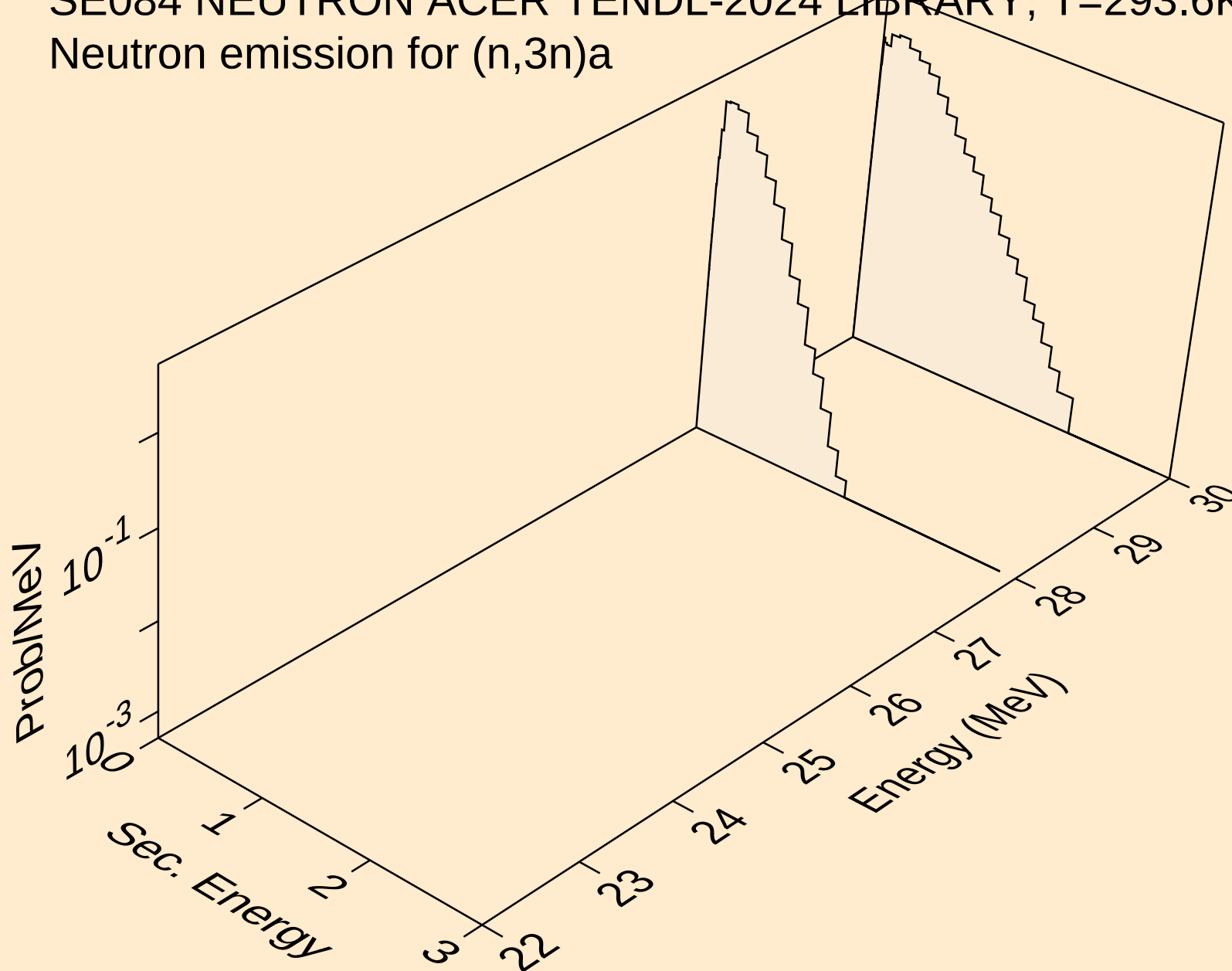
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



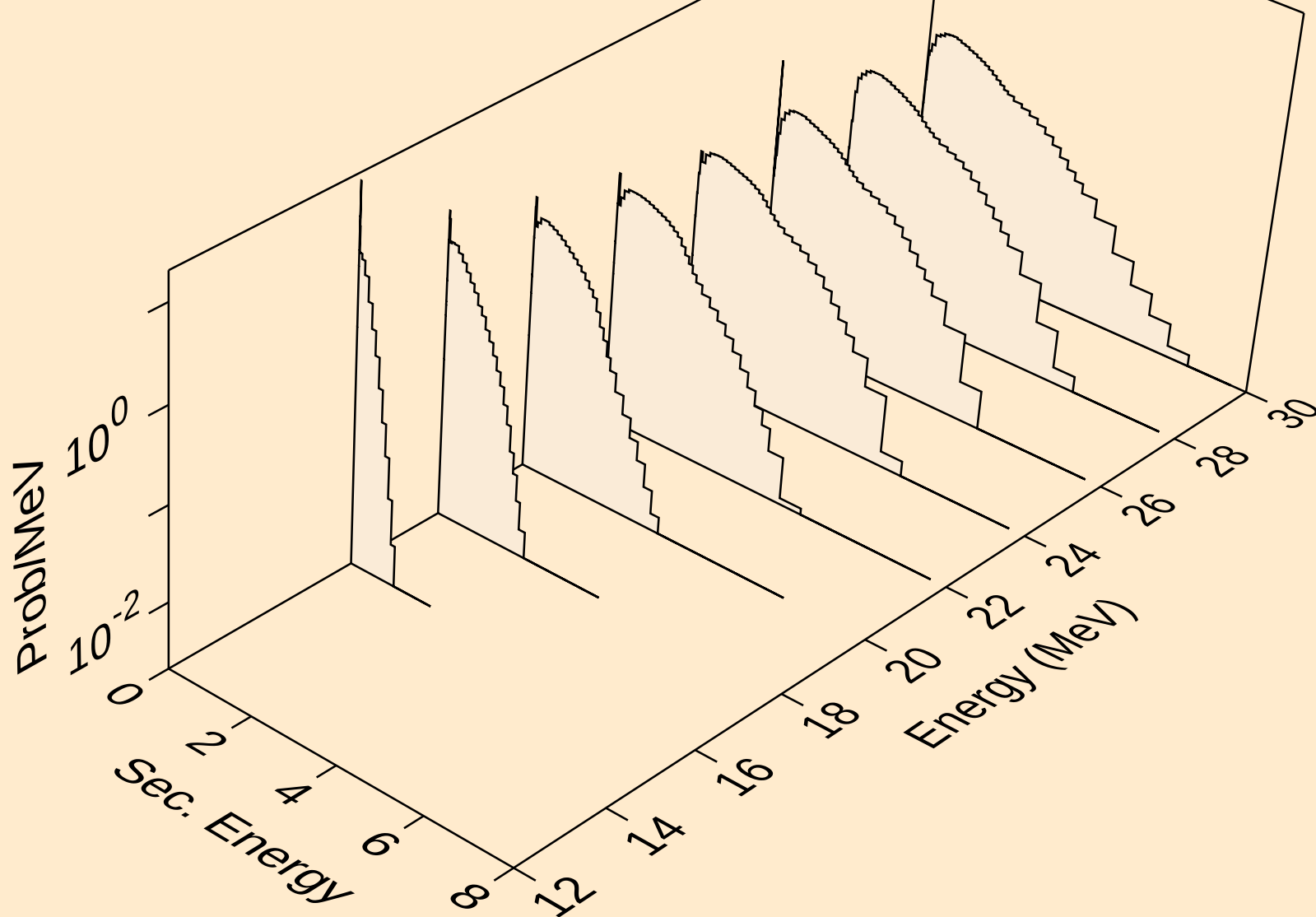
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



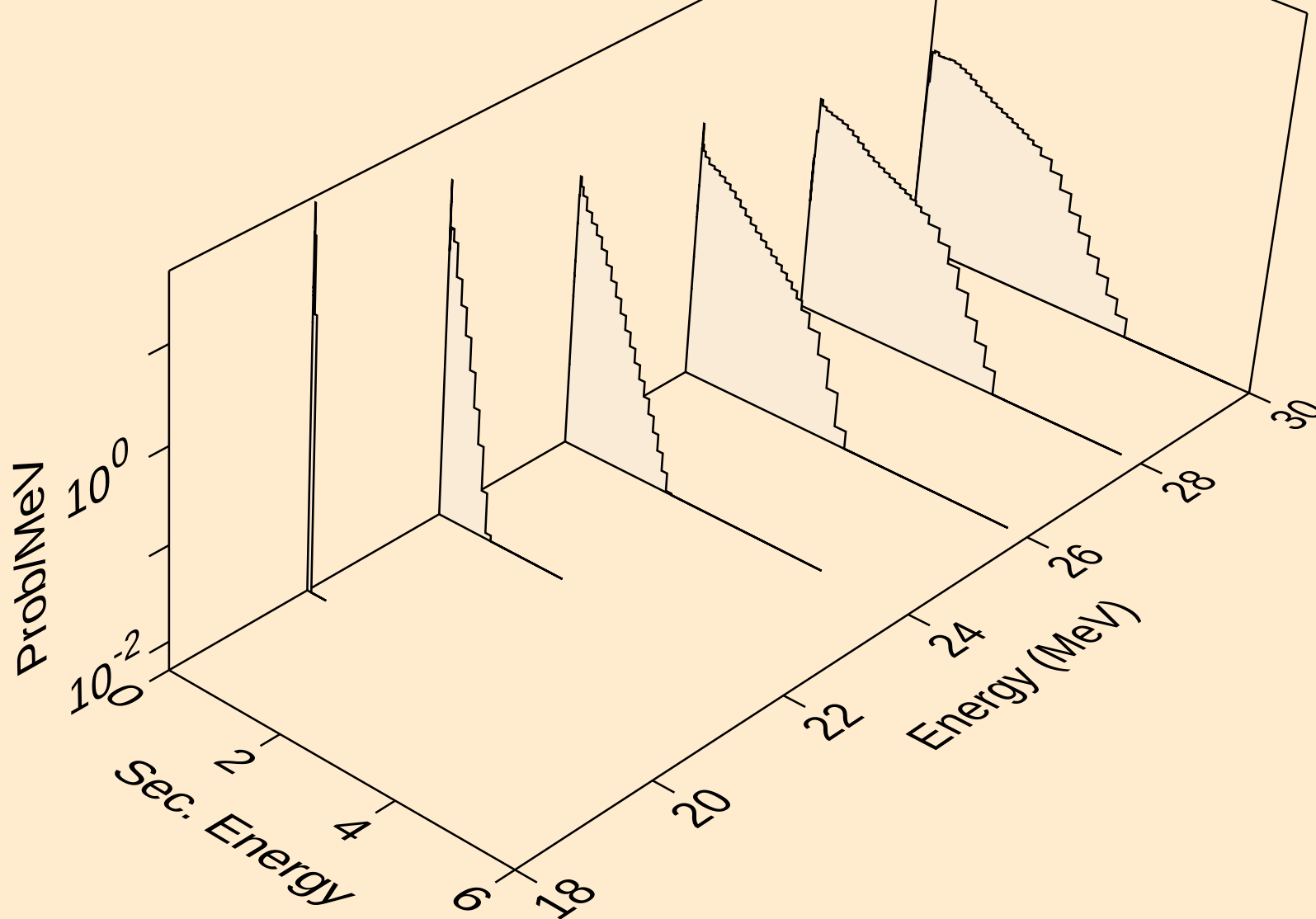
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



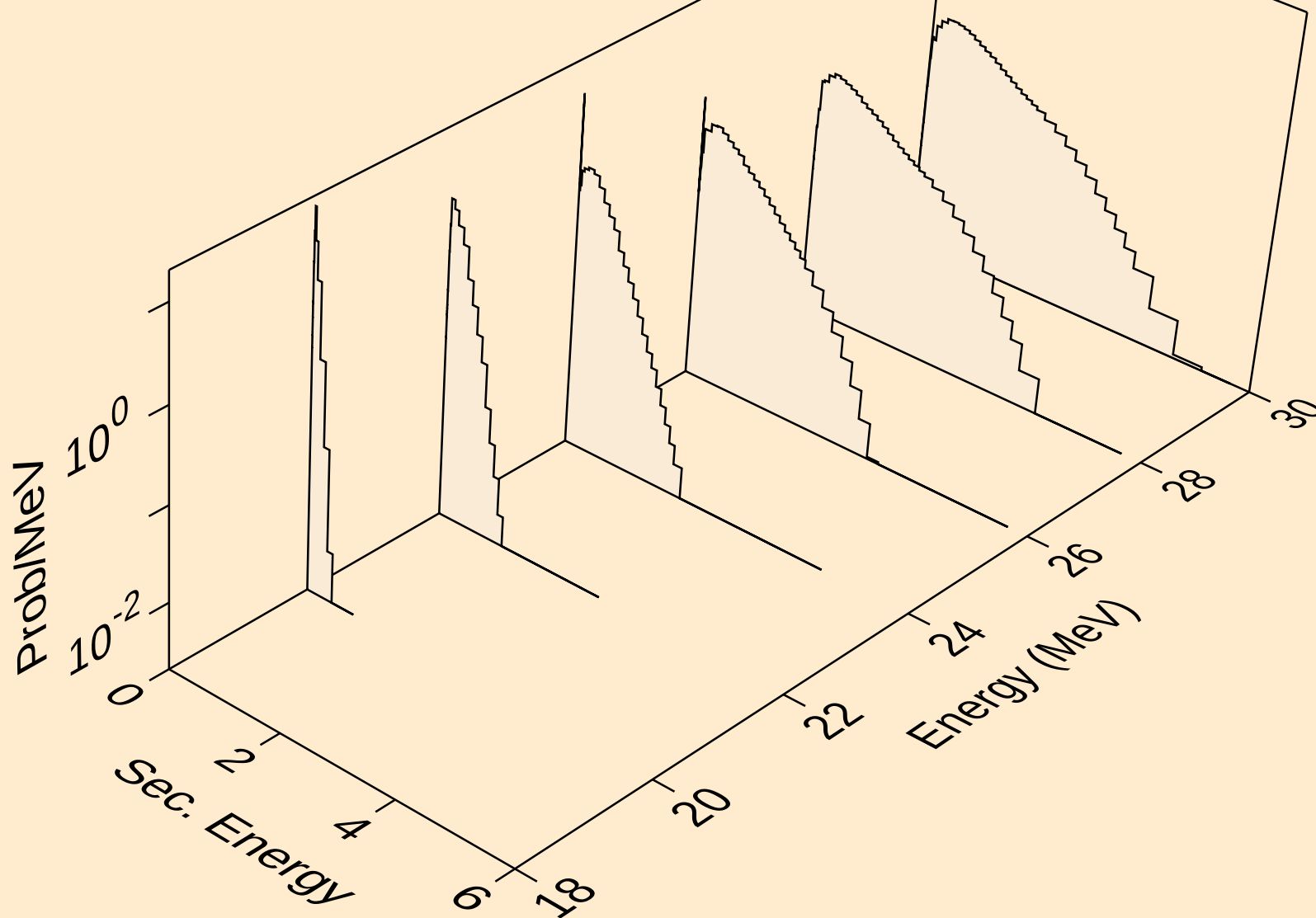
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



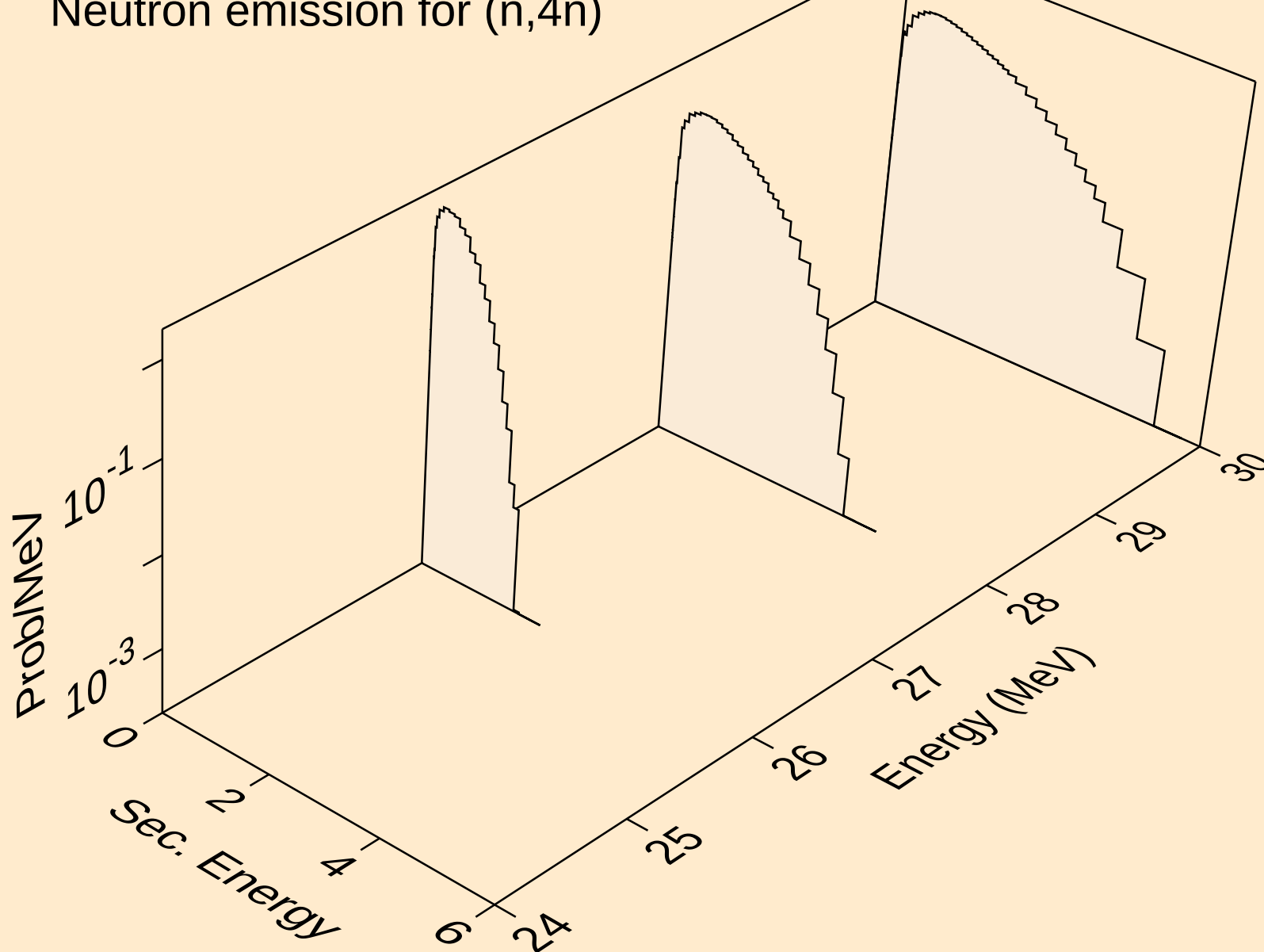
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



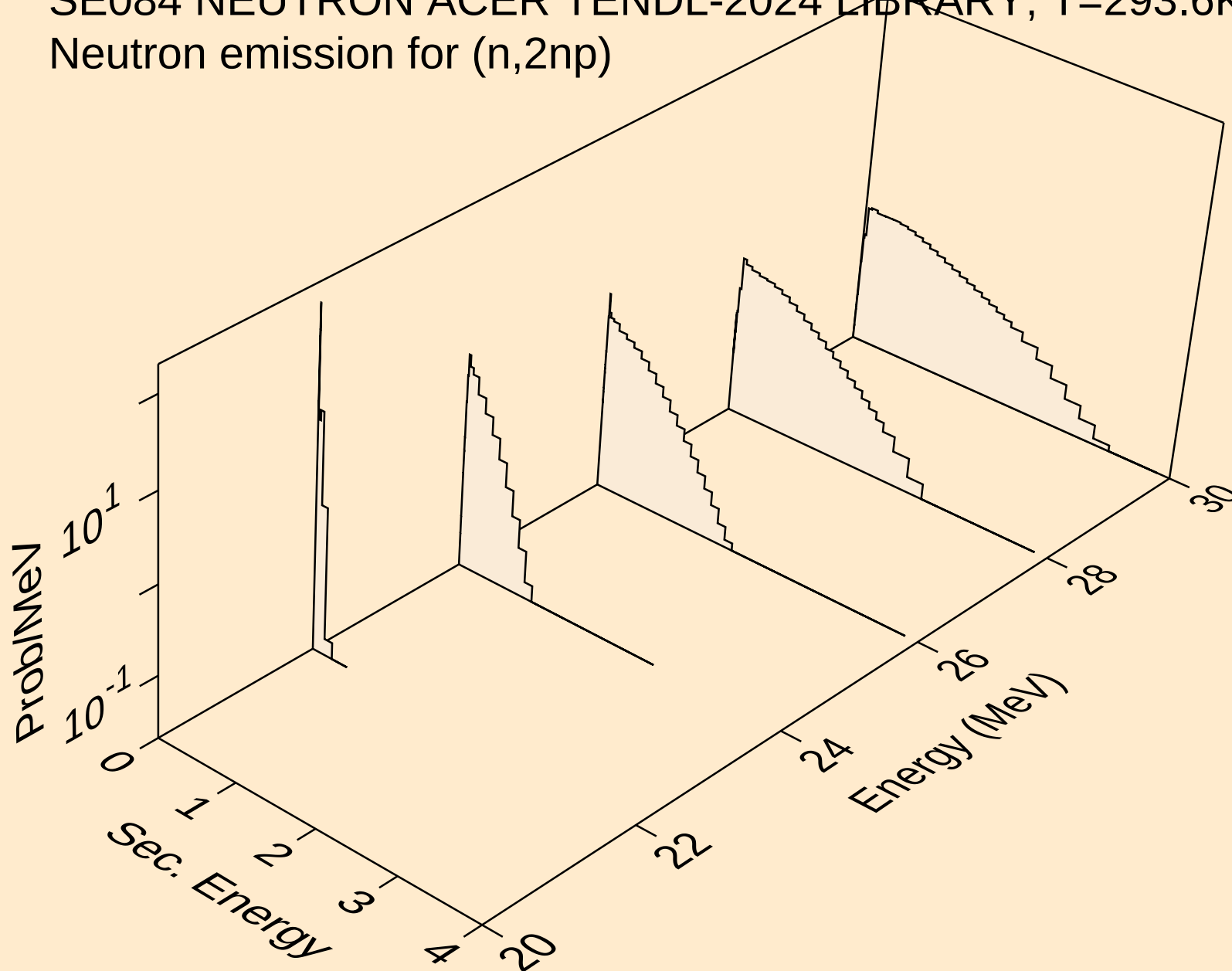
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



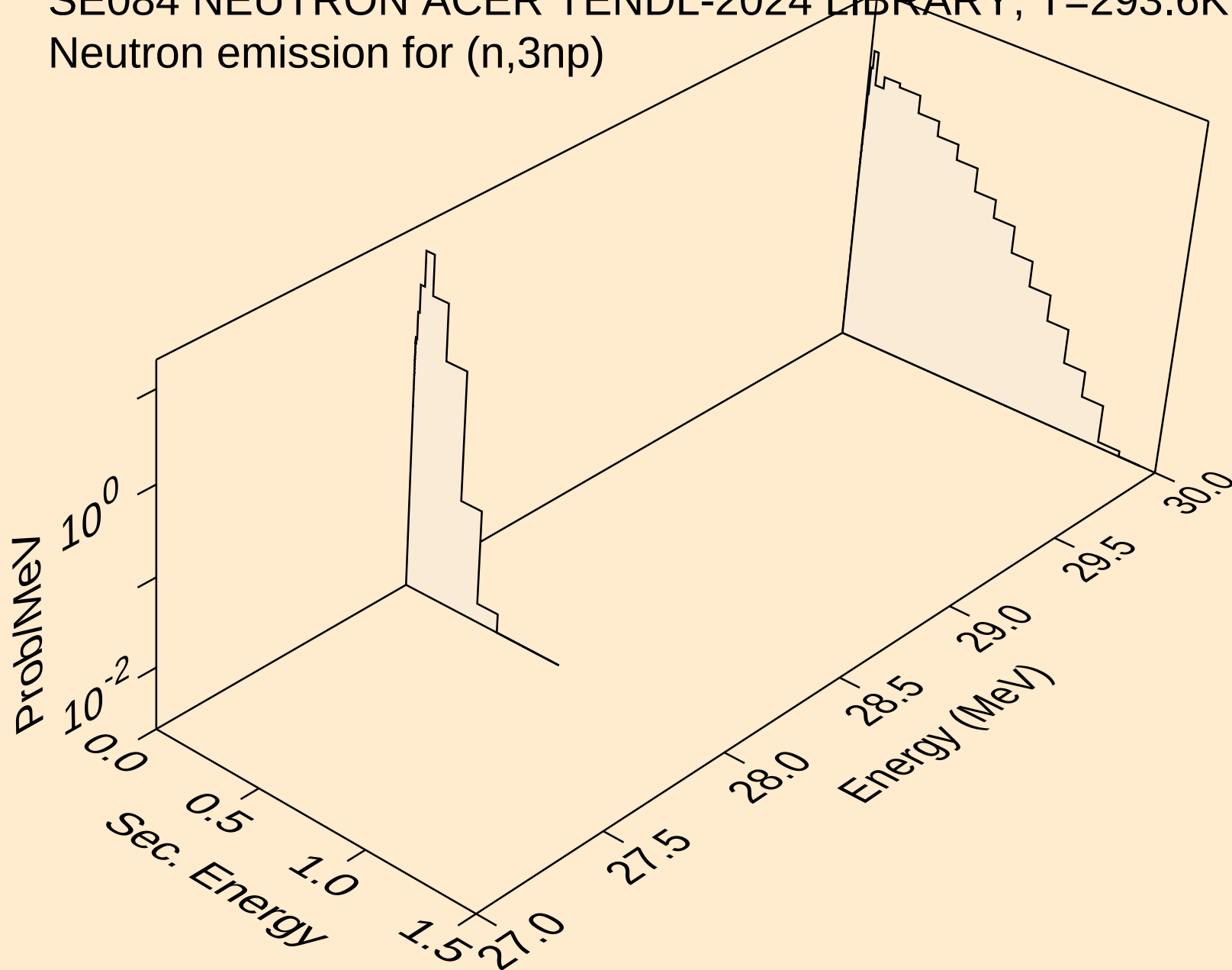
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



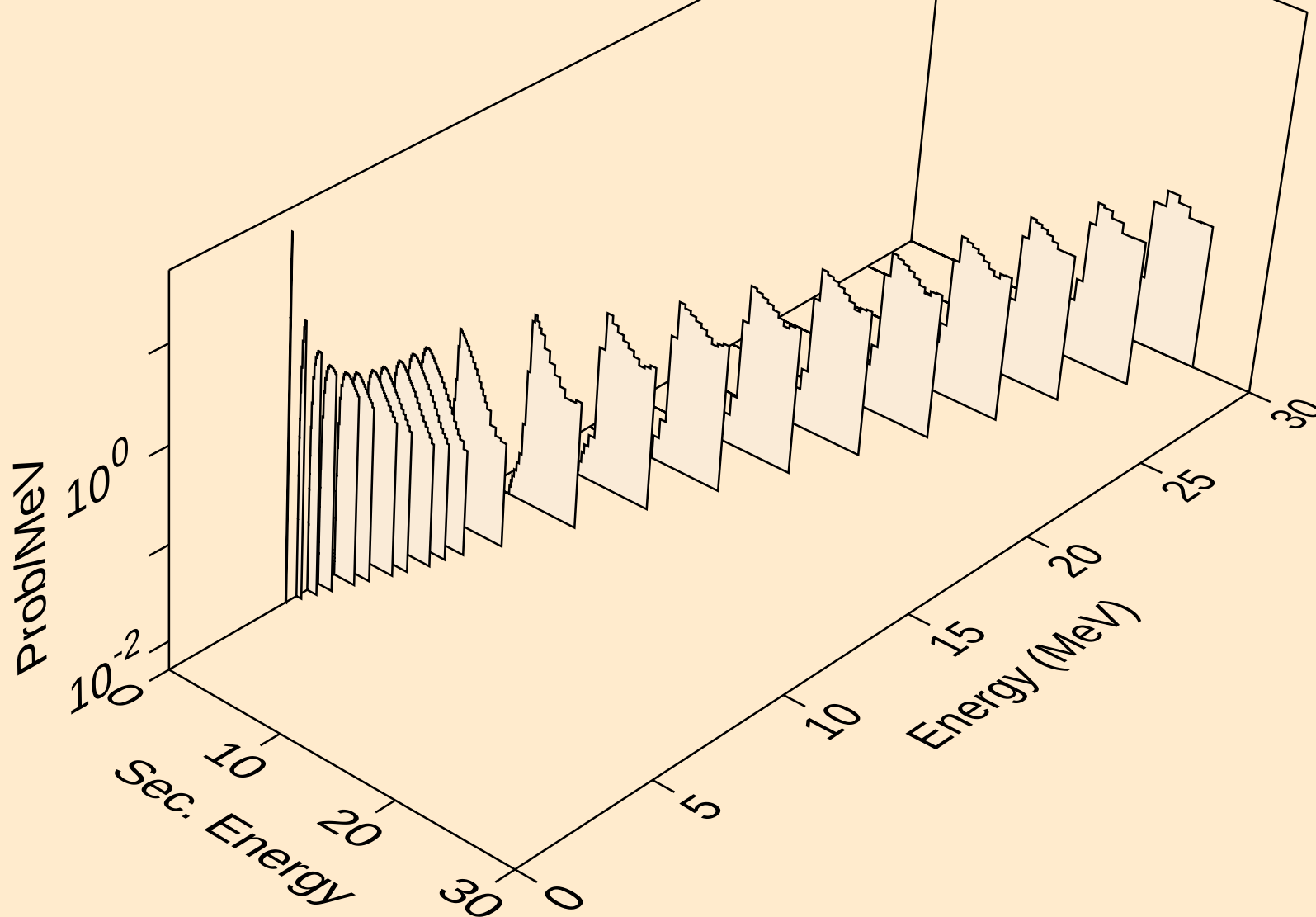
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



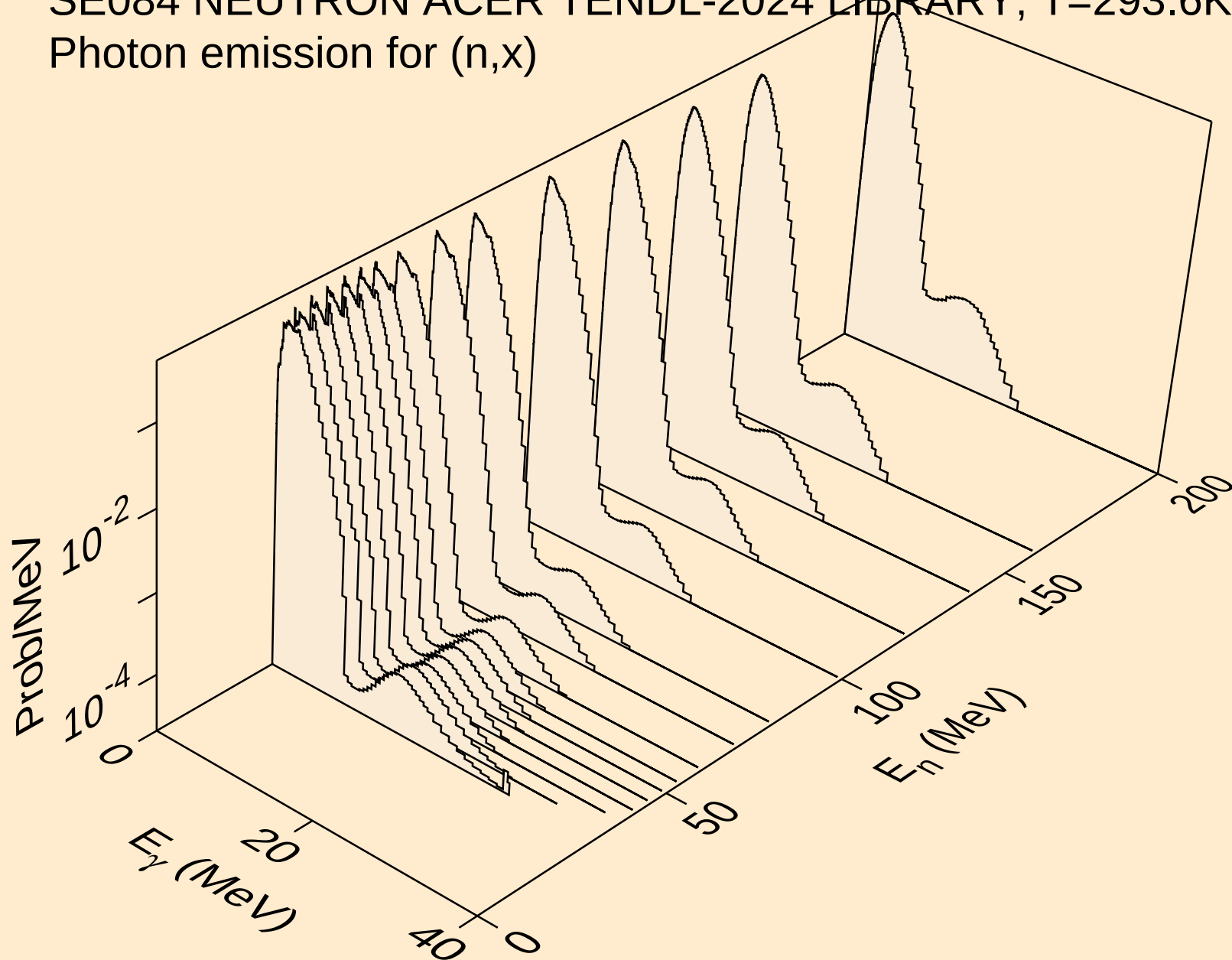
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



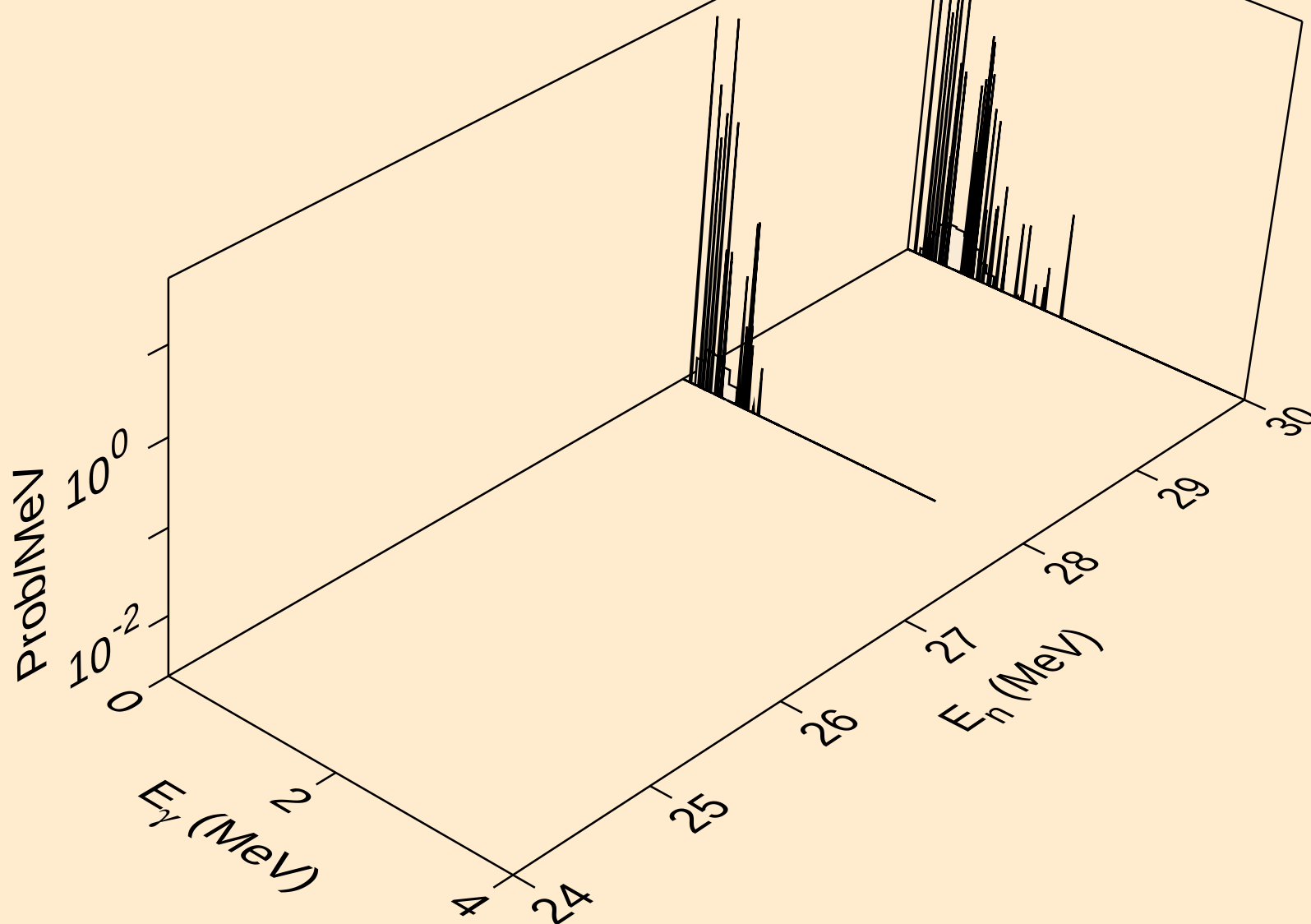
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



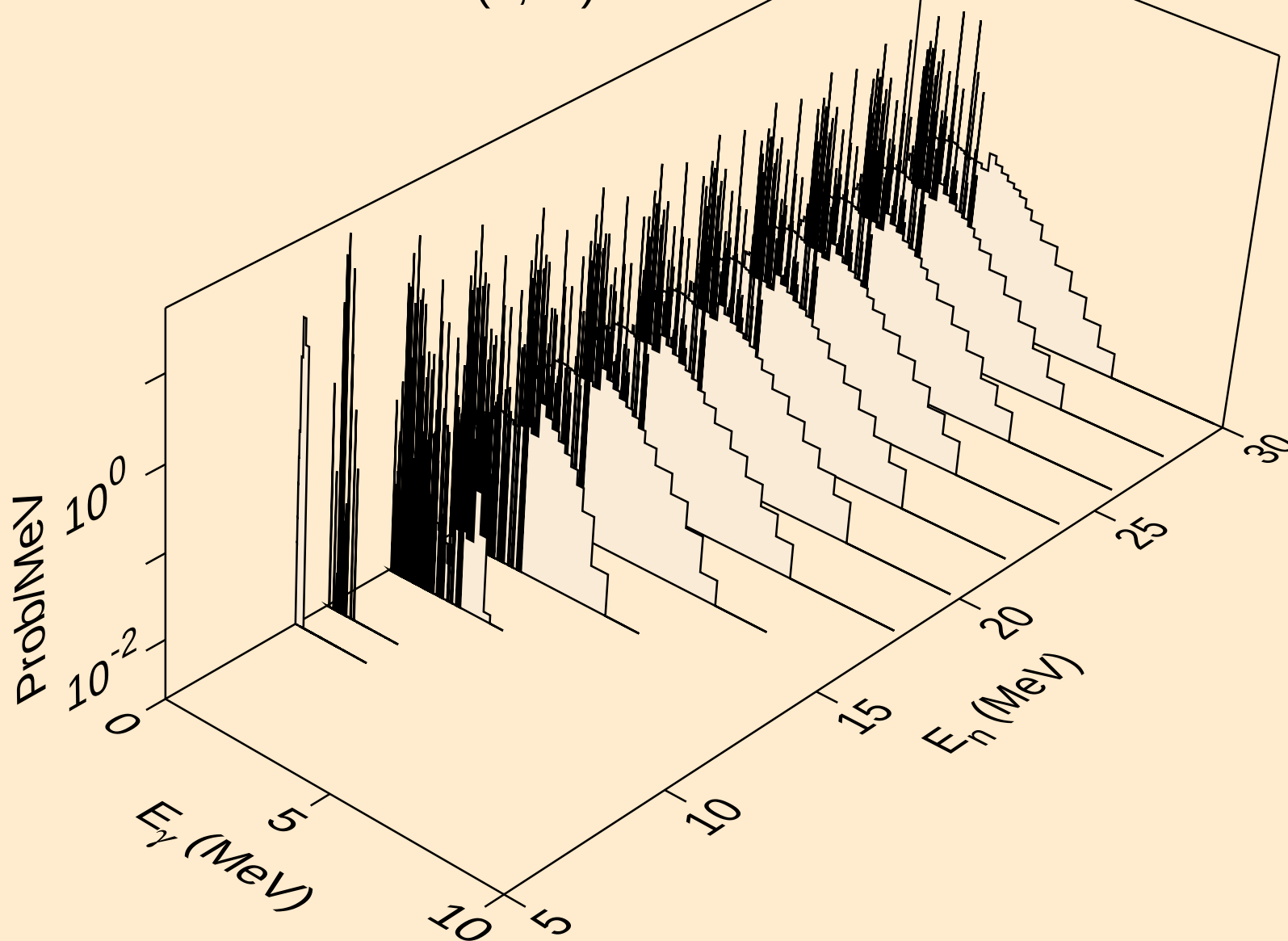
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



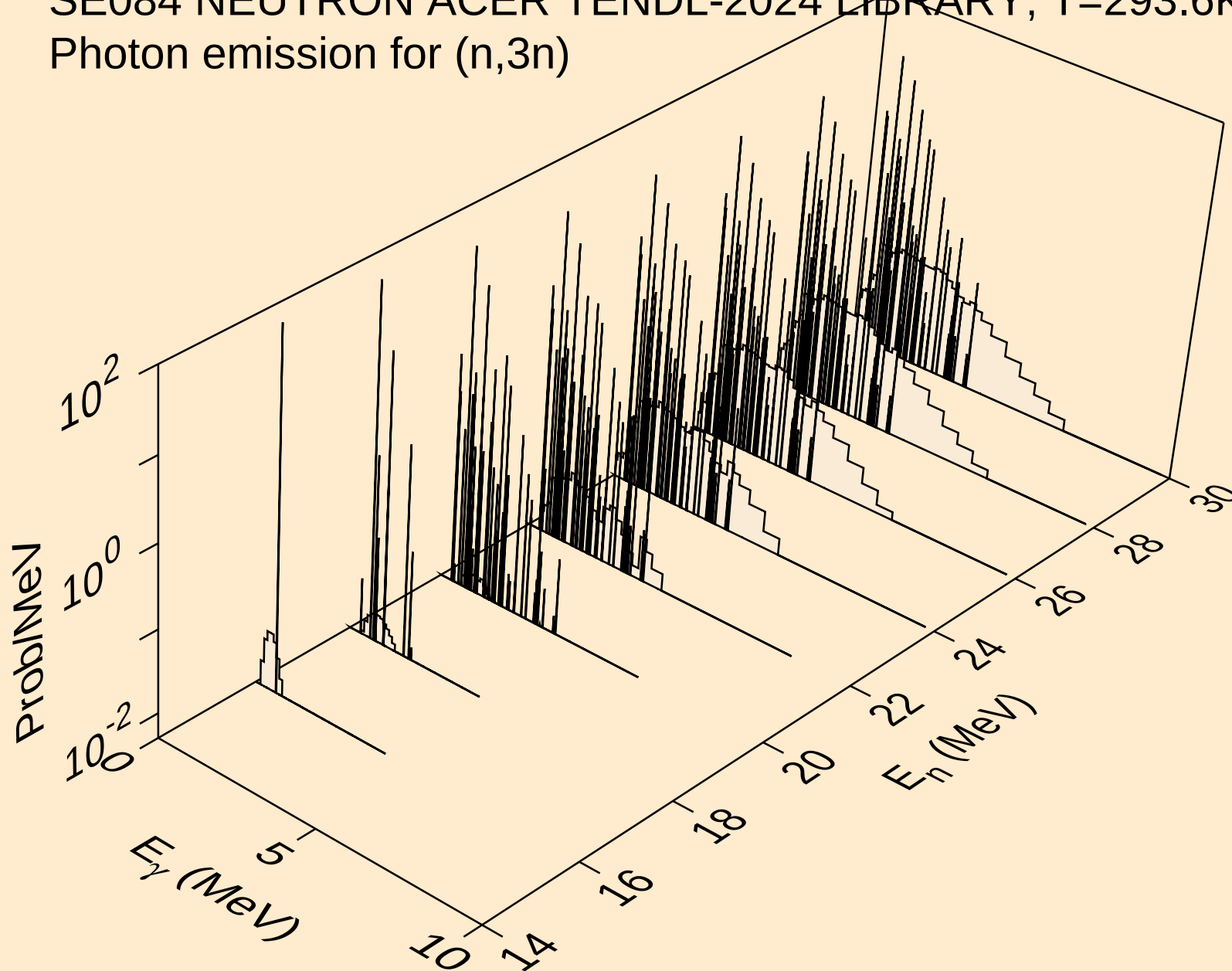
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)

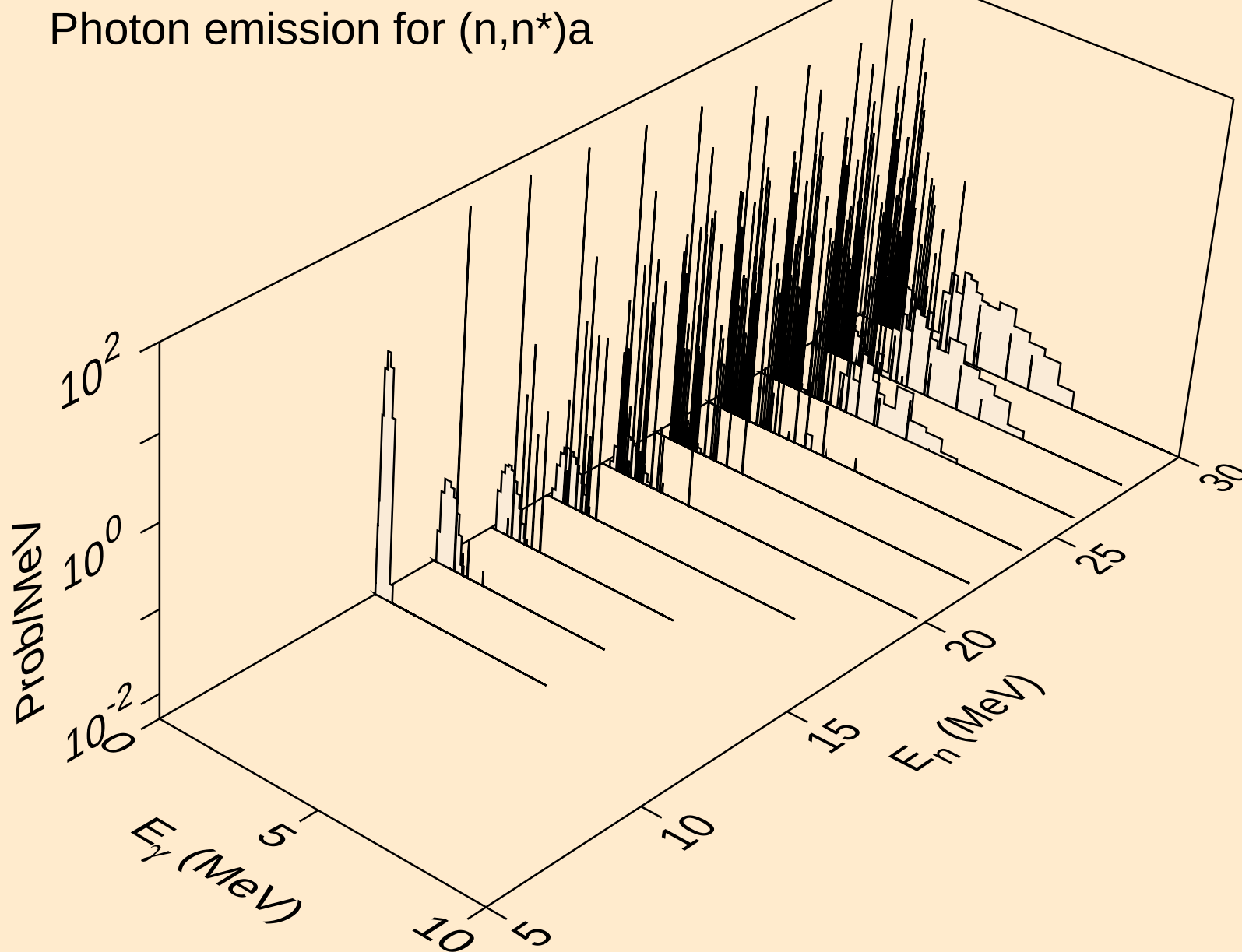


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



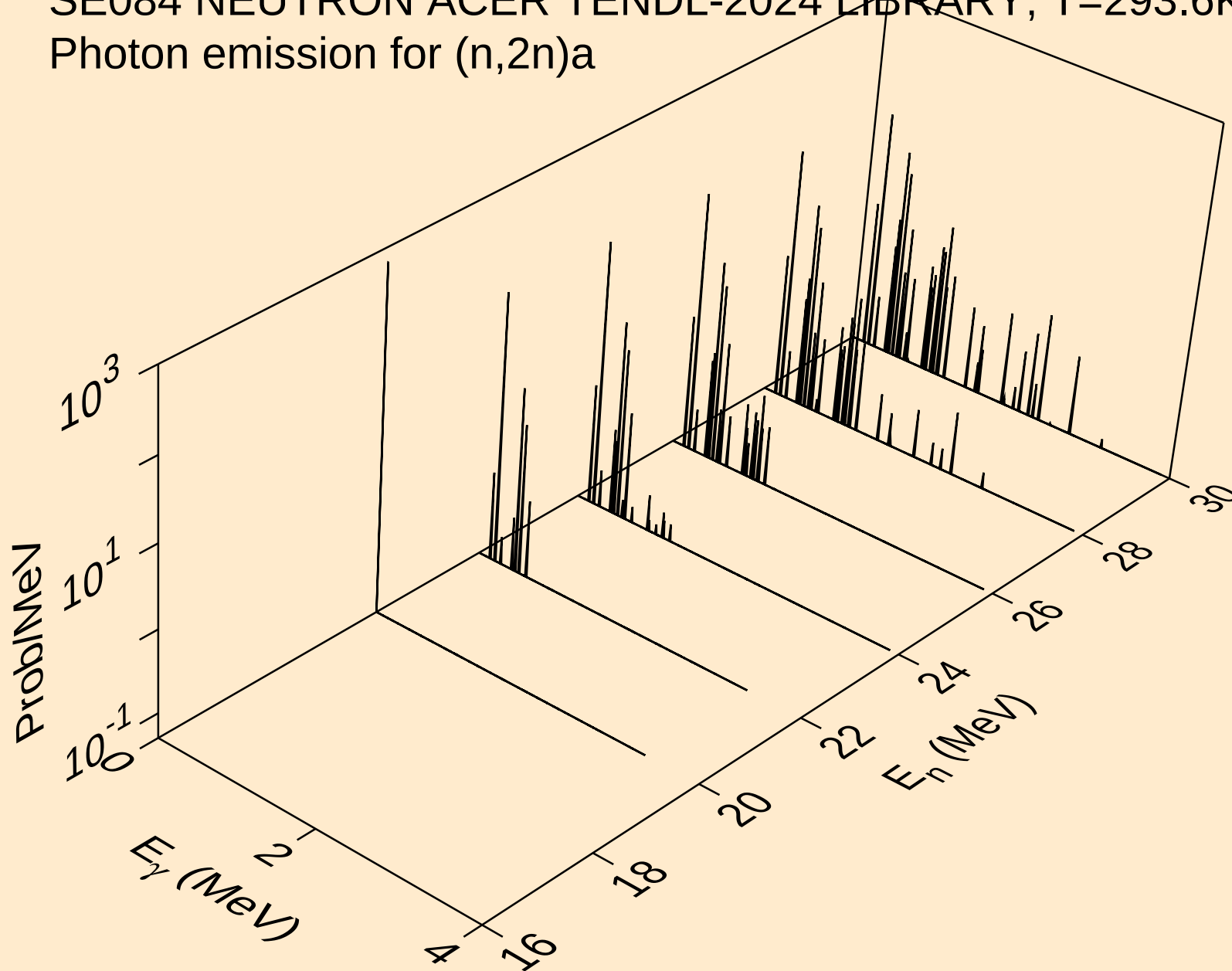
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)a



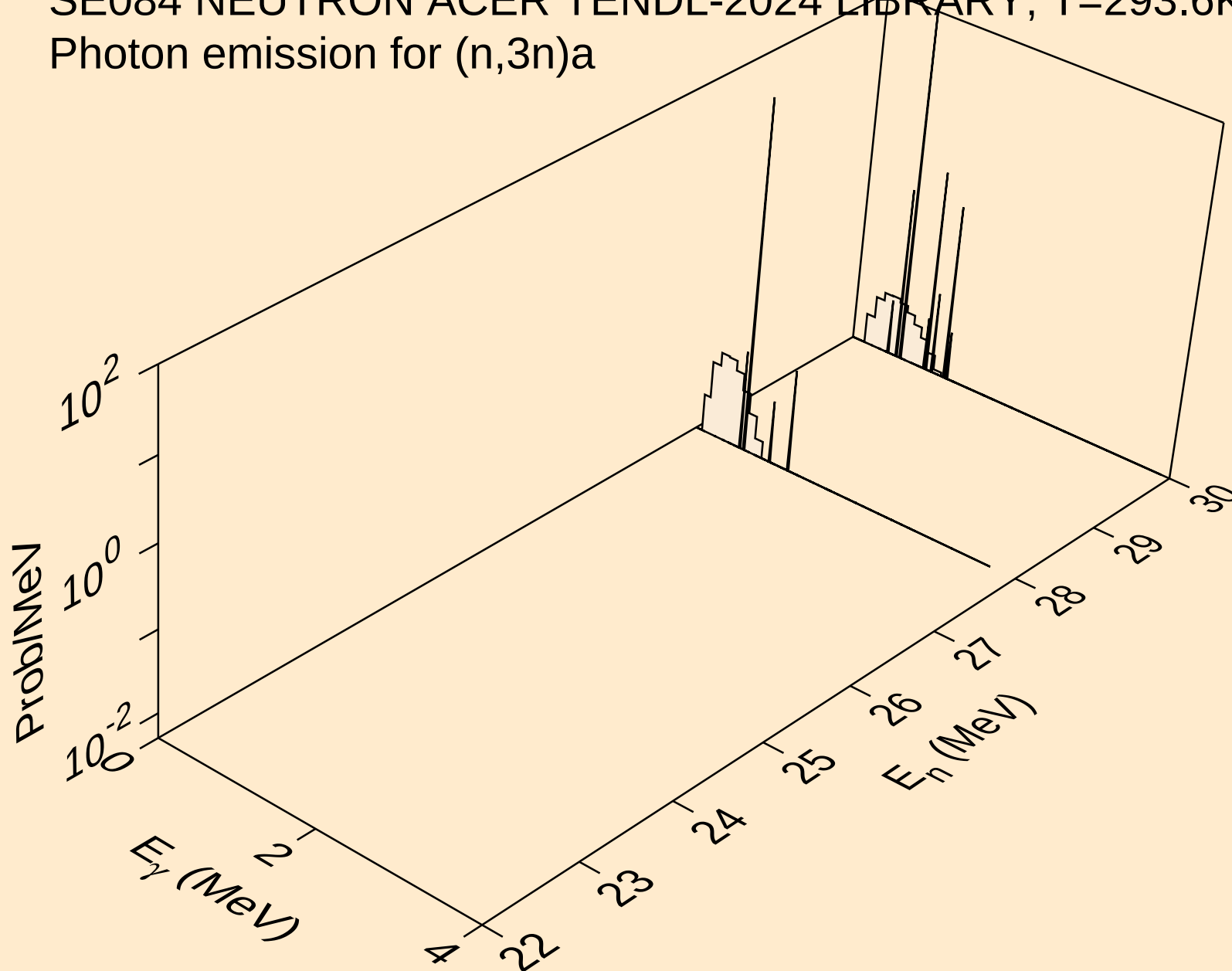
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n) $\alpha$



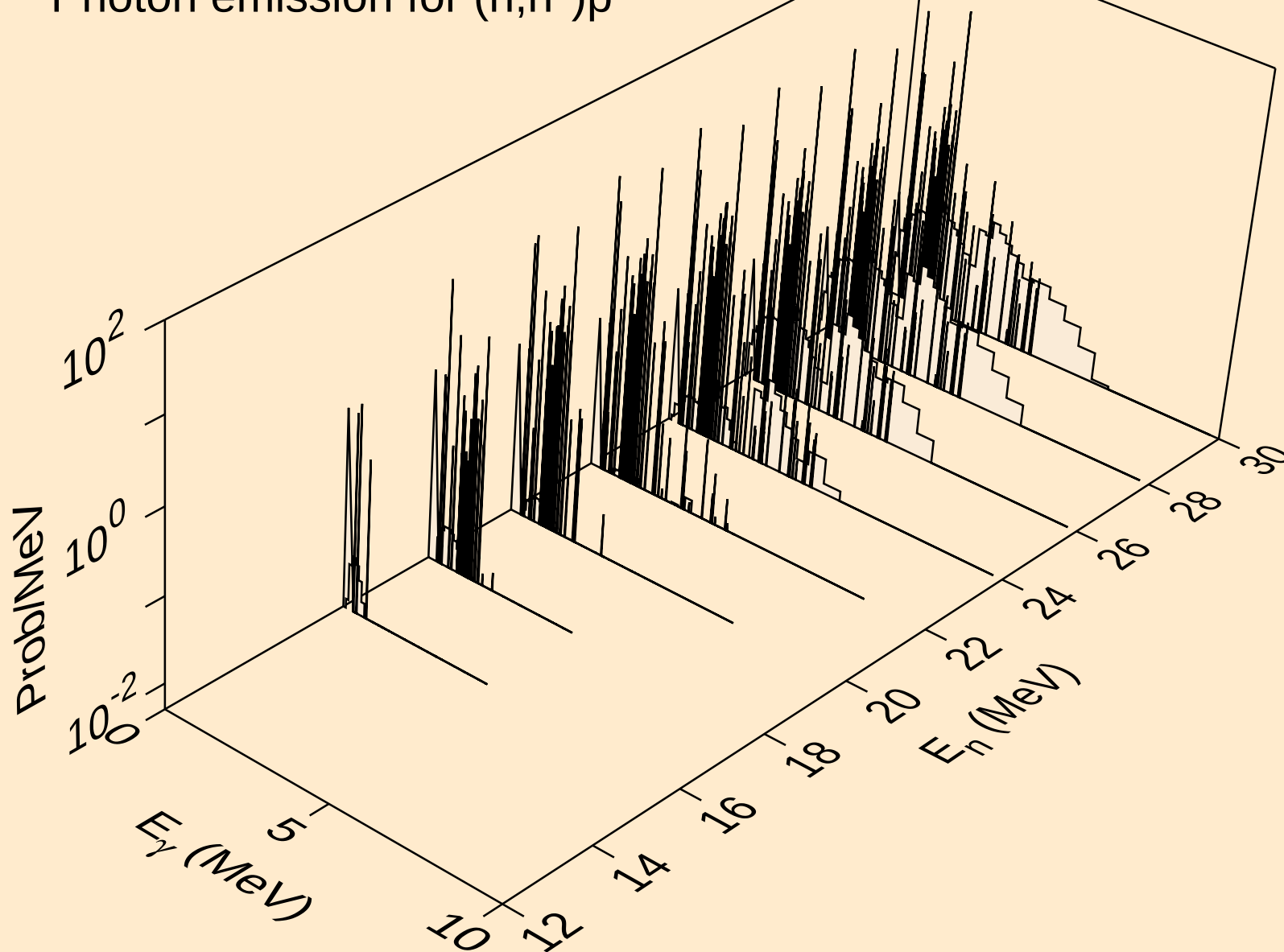
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,3n)a

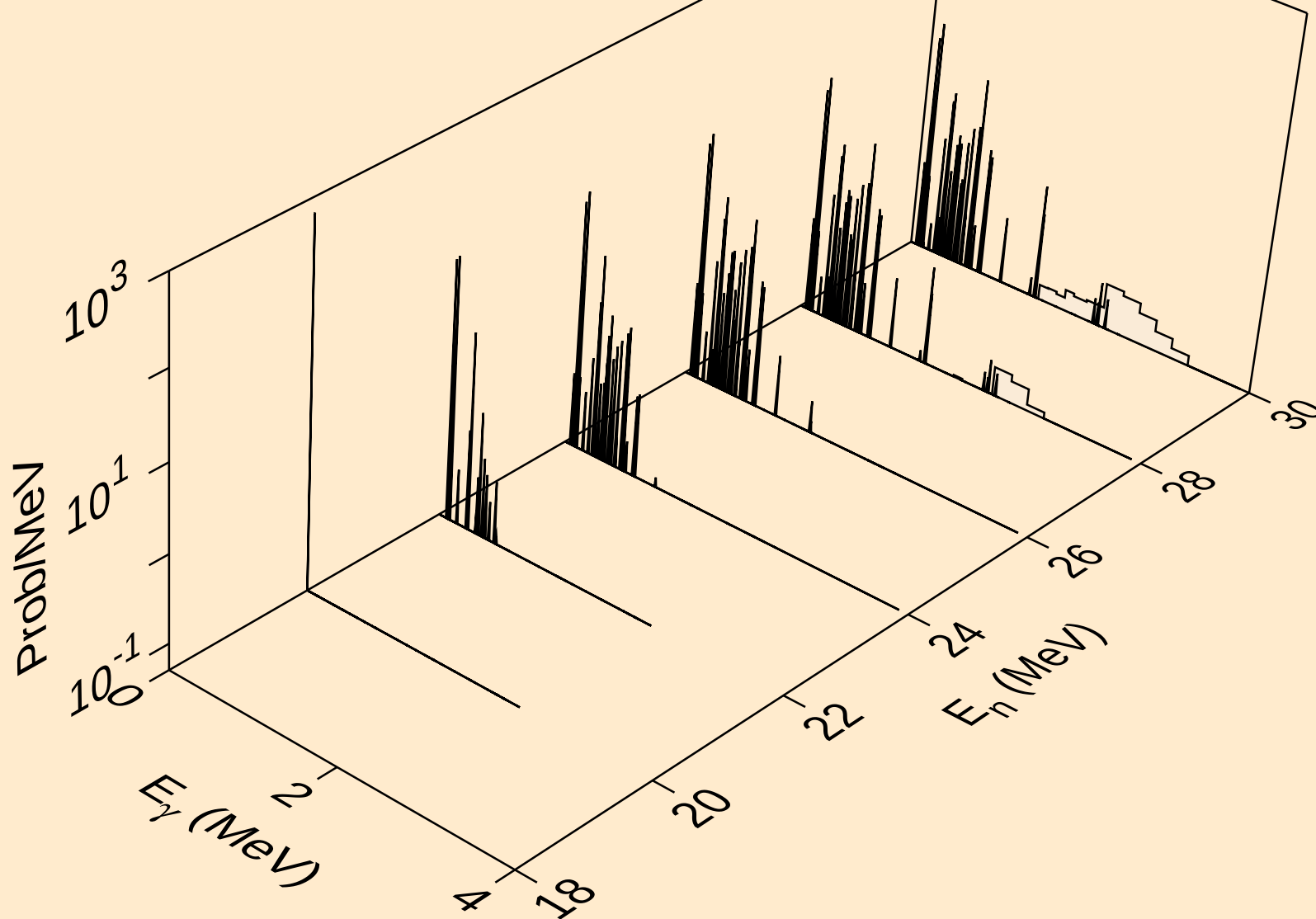


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n\*)p

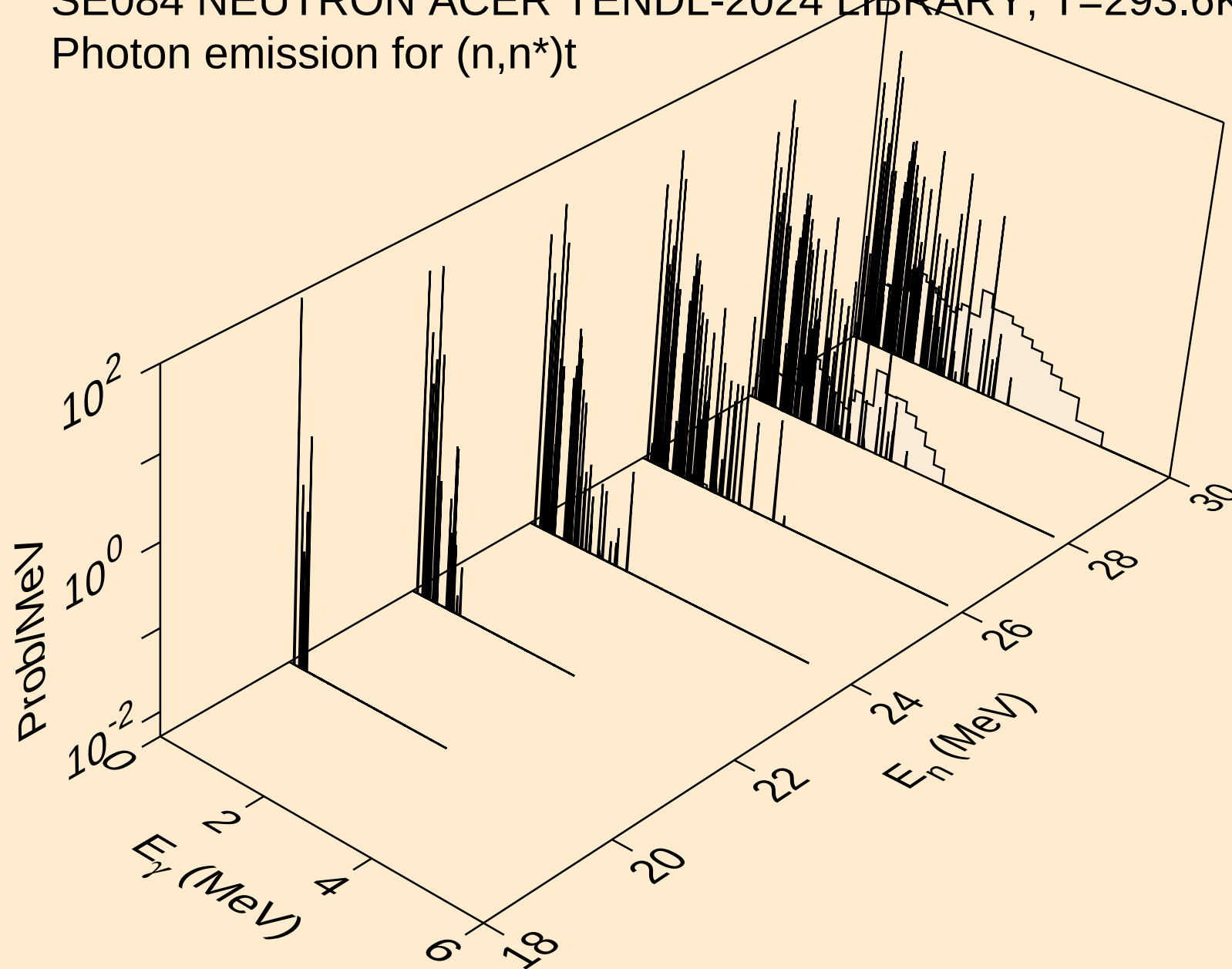


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

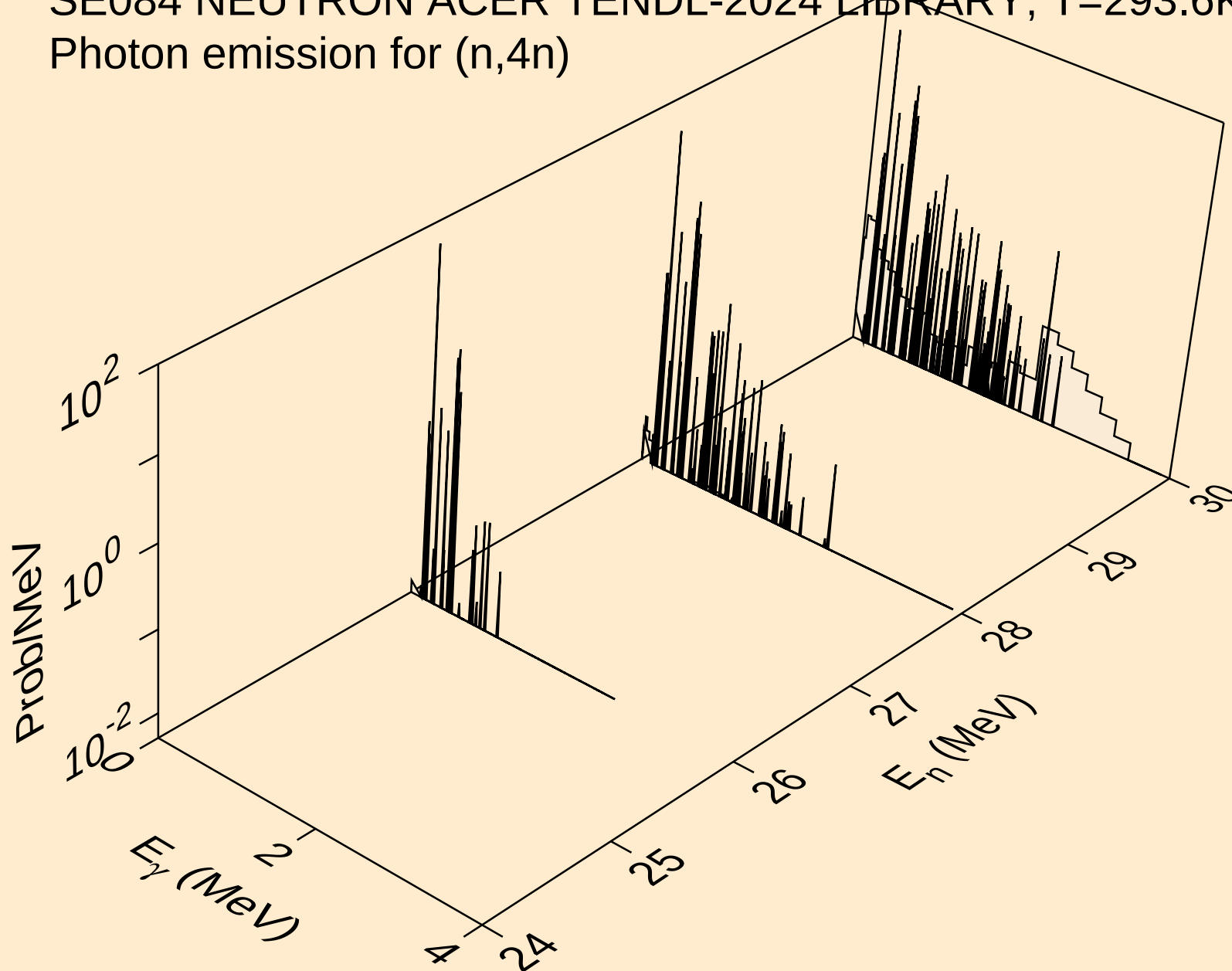


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

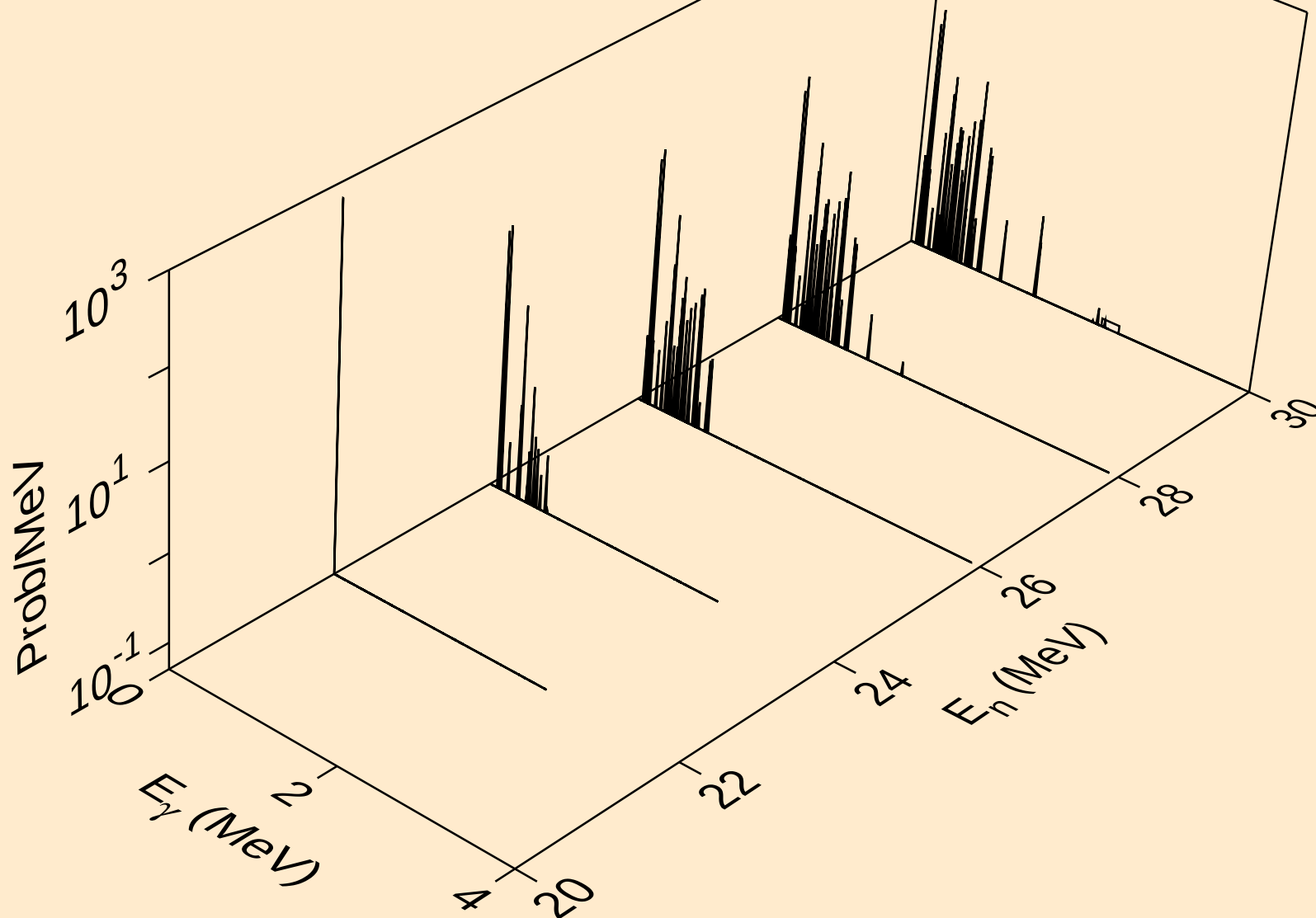
Photon emission for (n,n\*)t



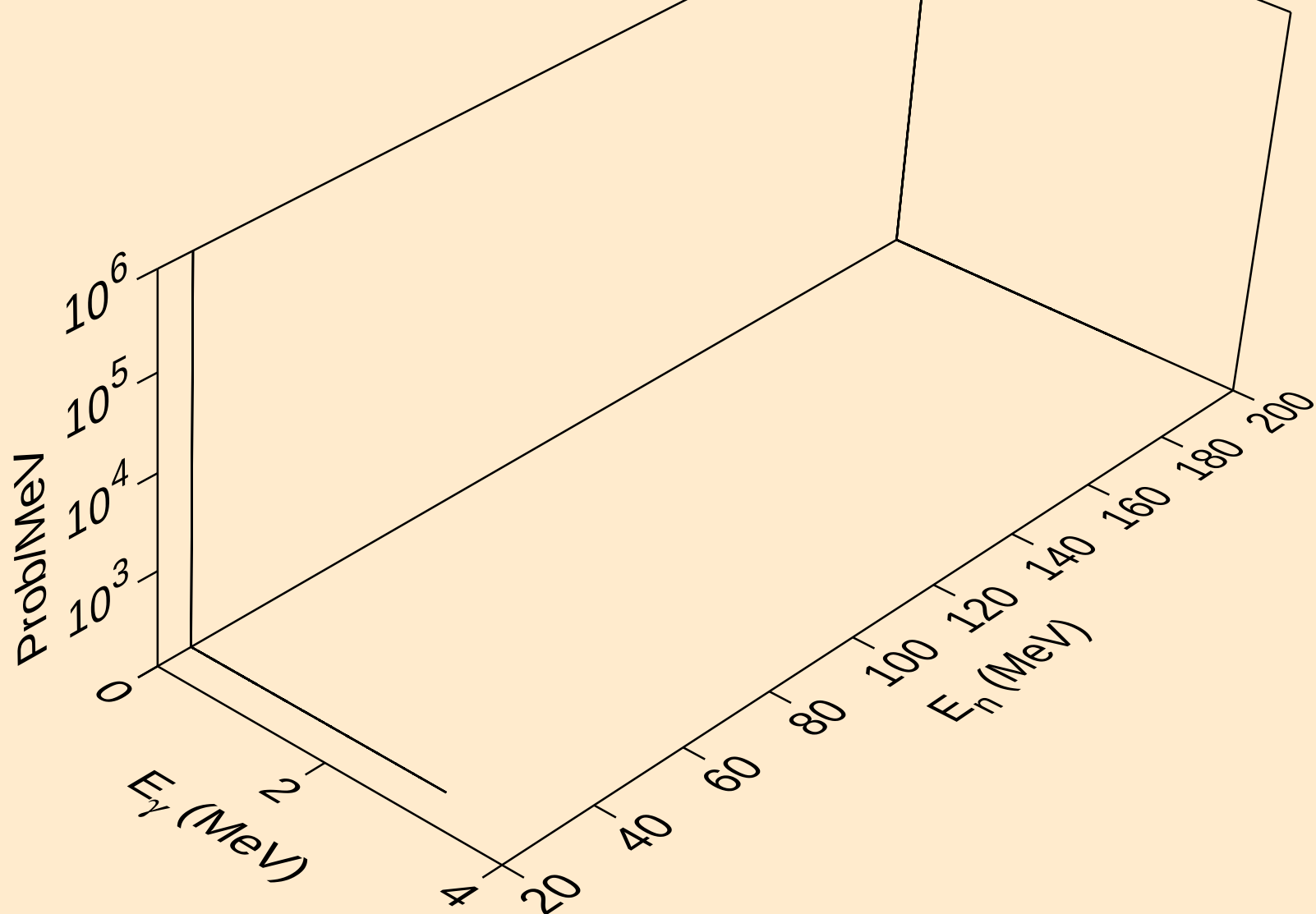
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



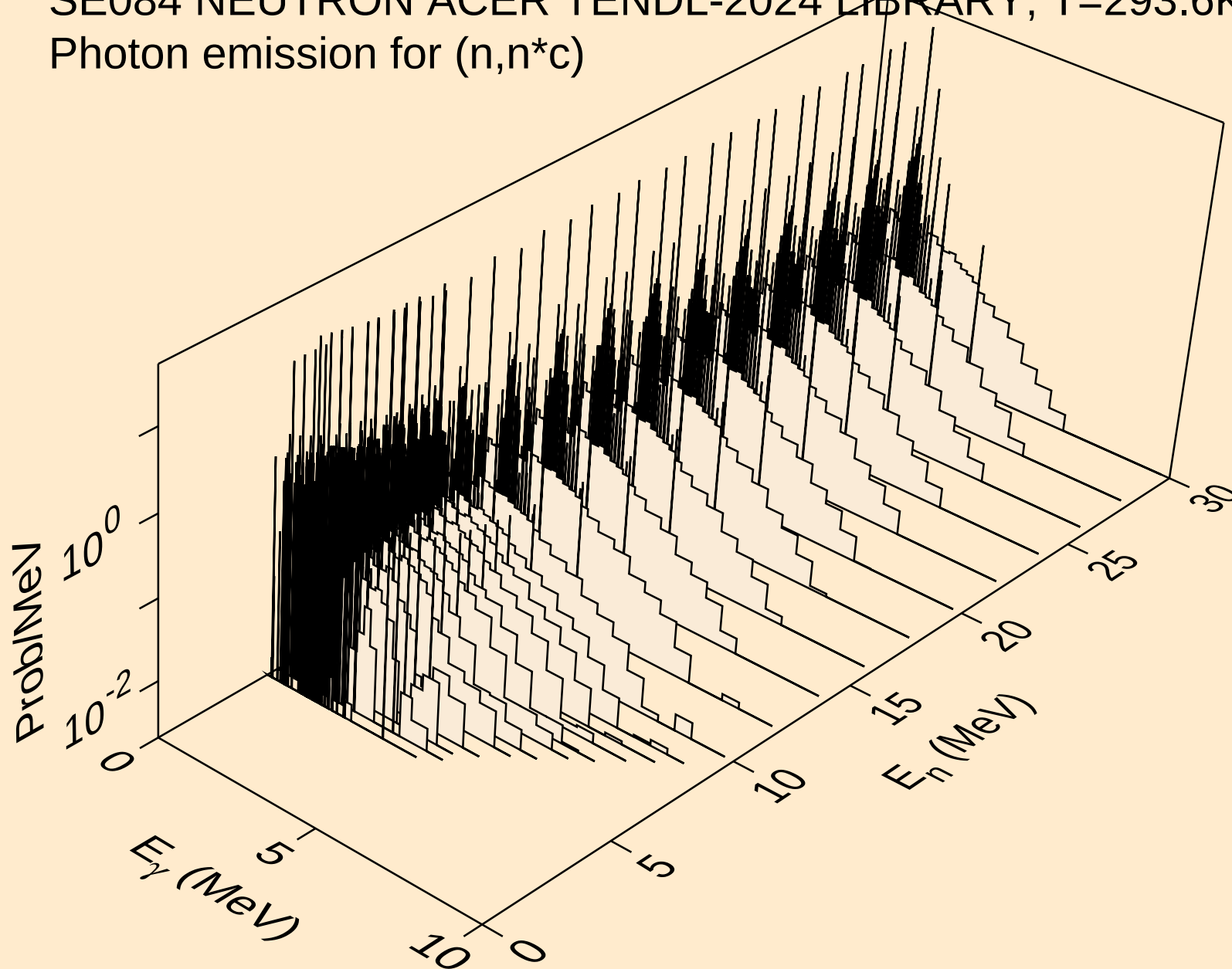
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



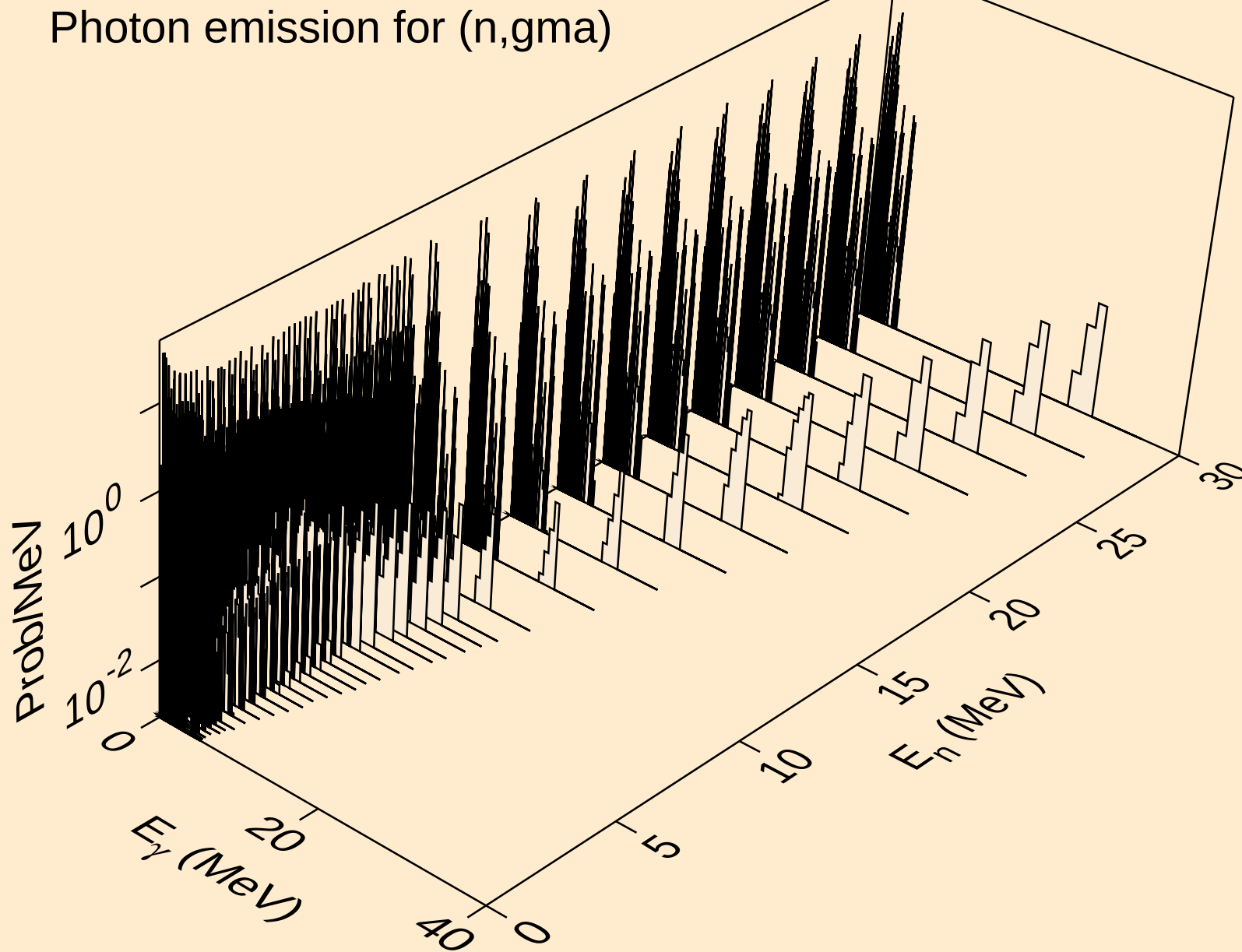
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



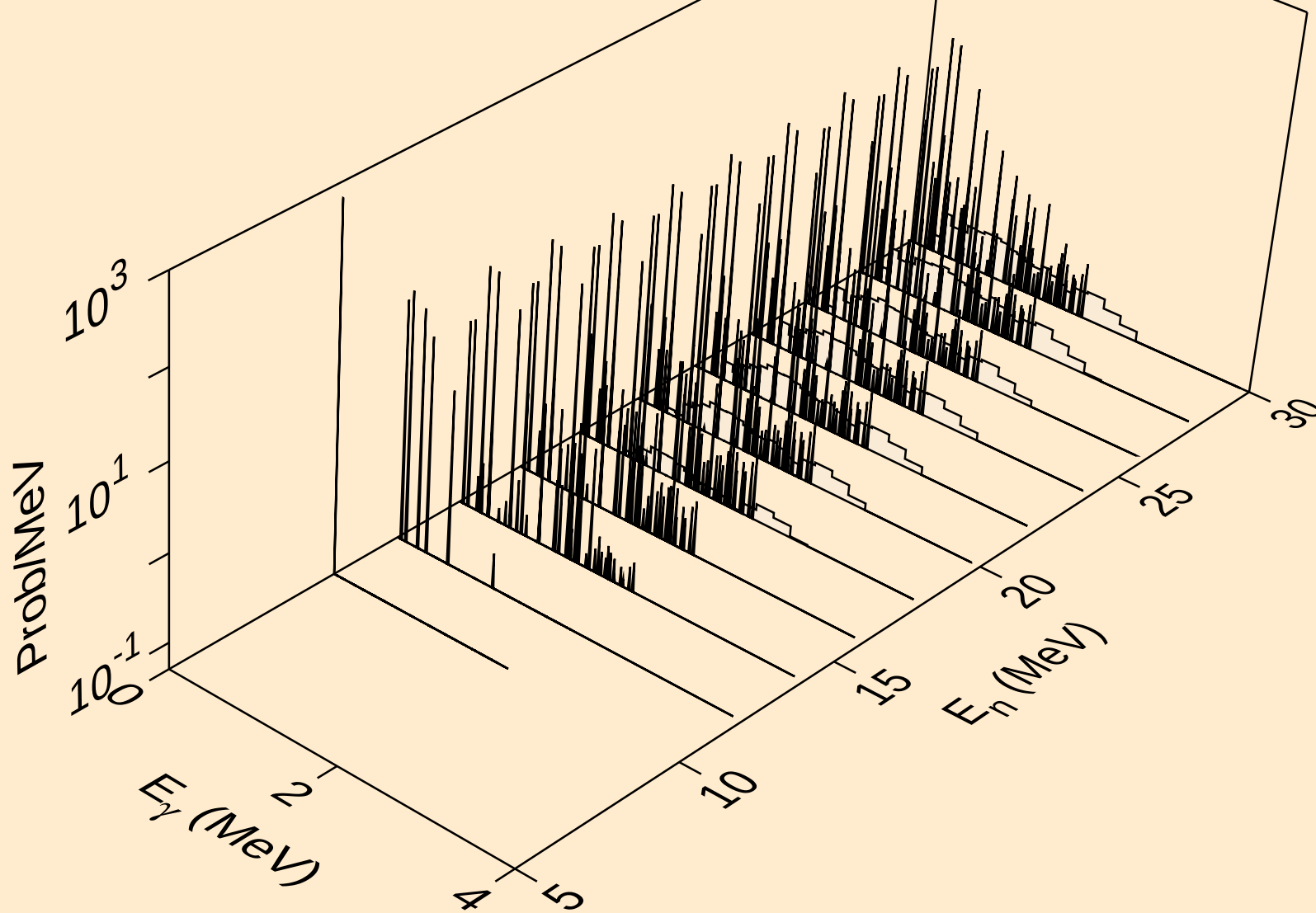
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



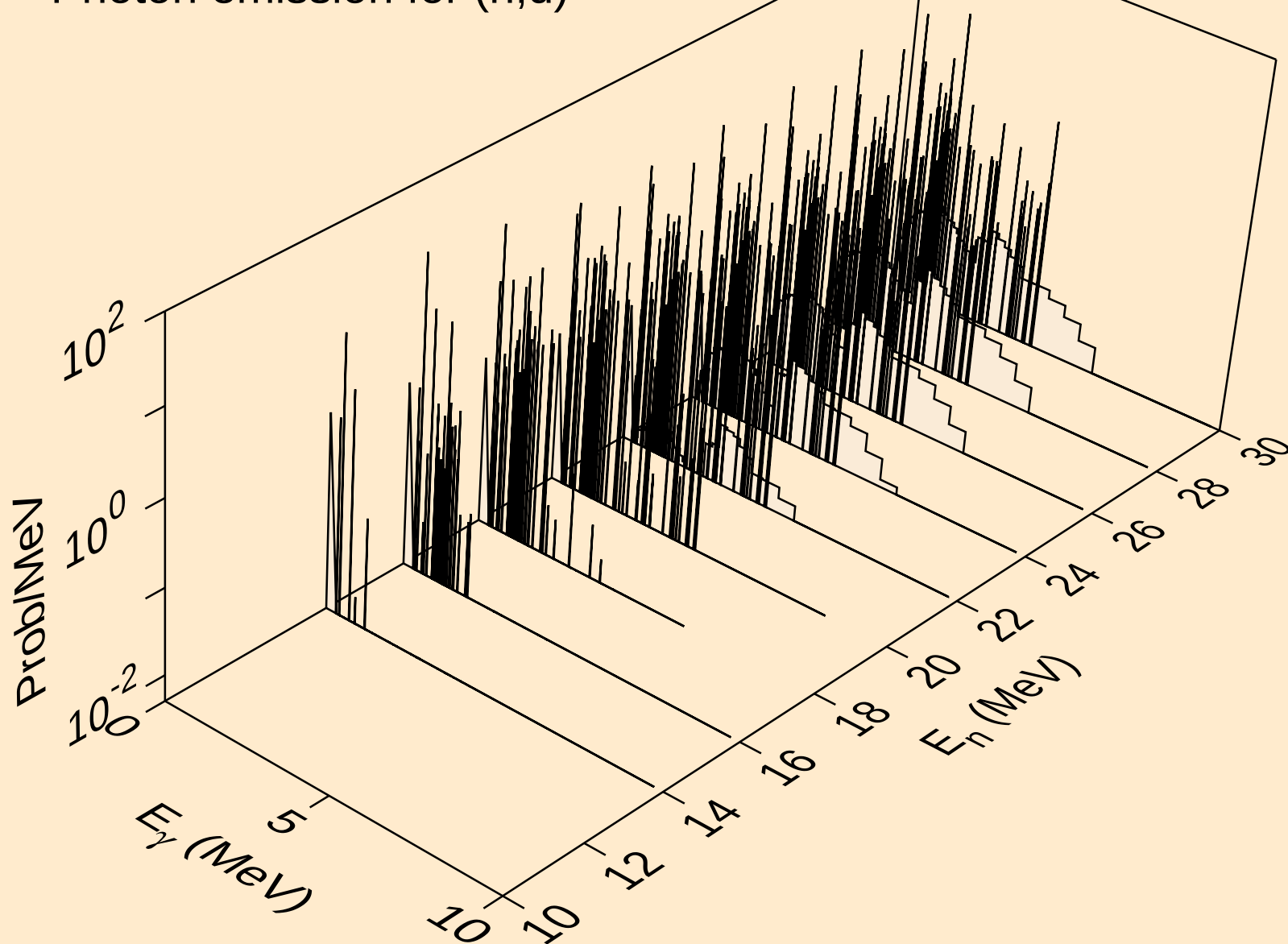
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



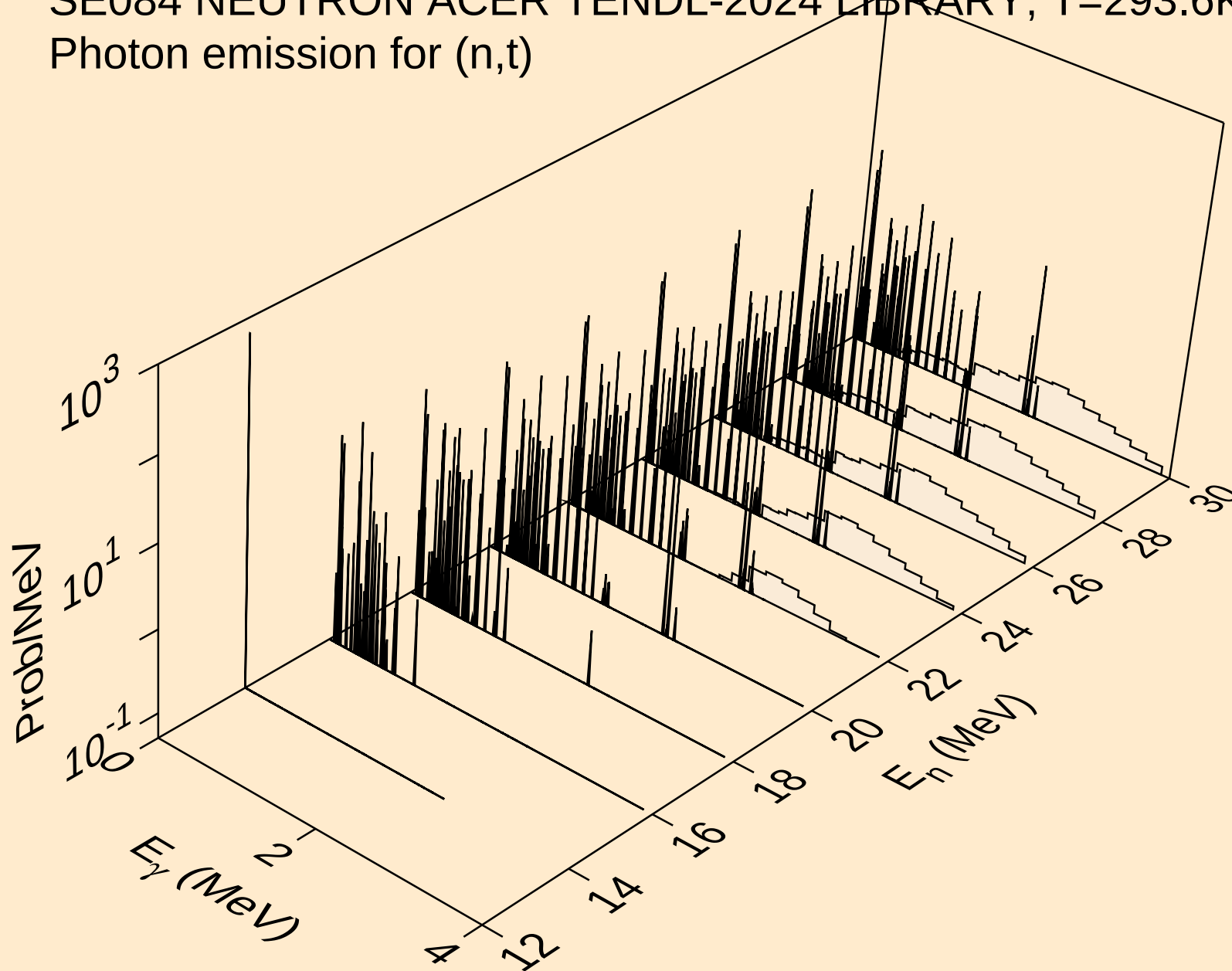
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



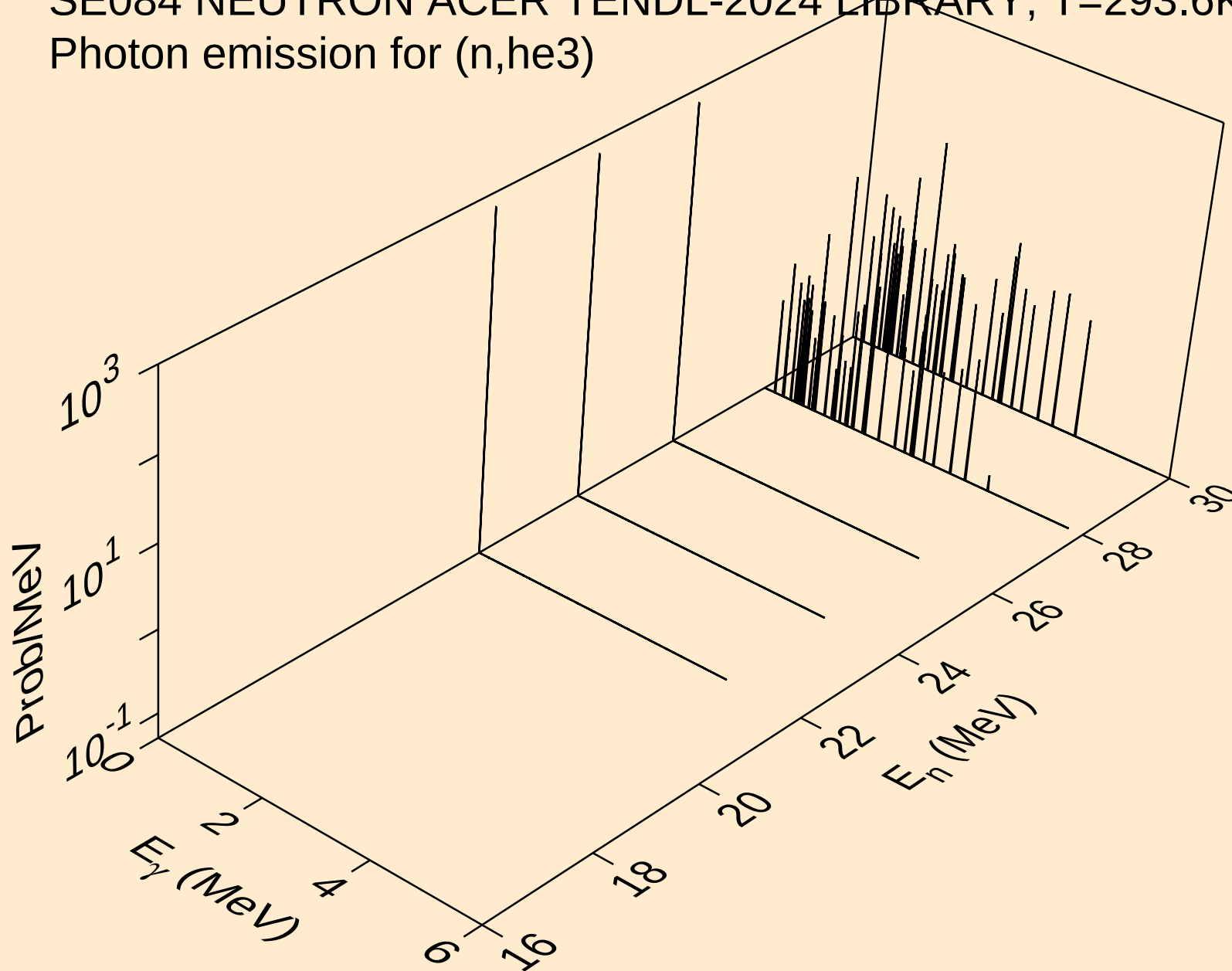
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



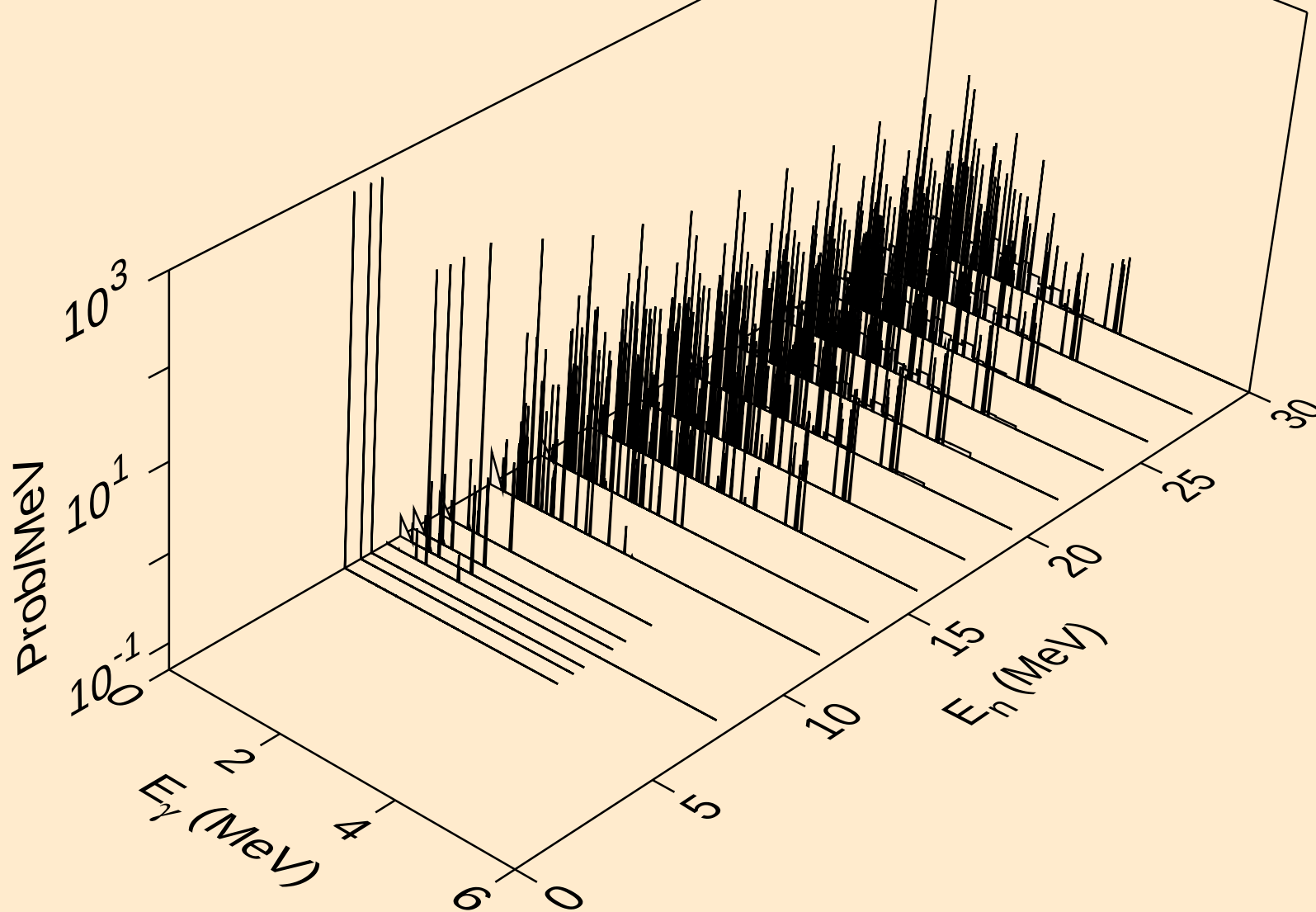
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



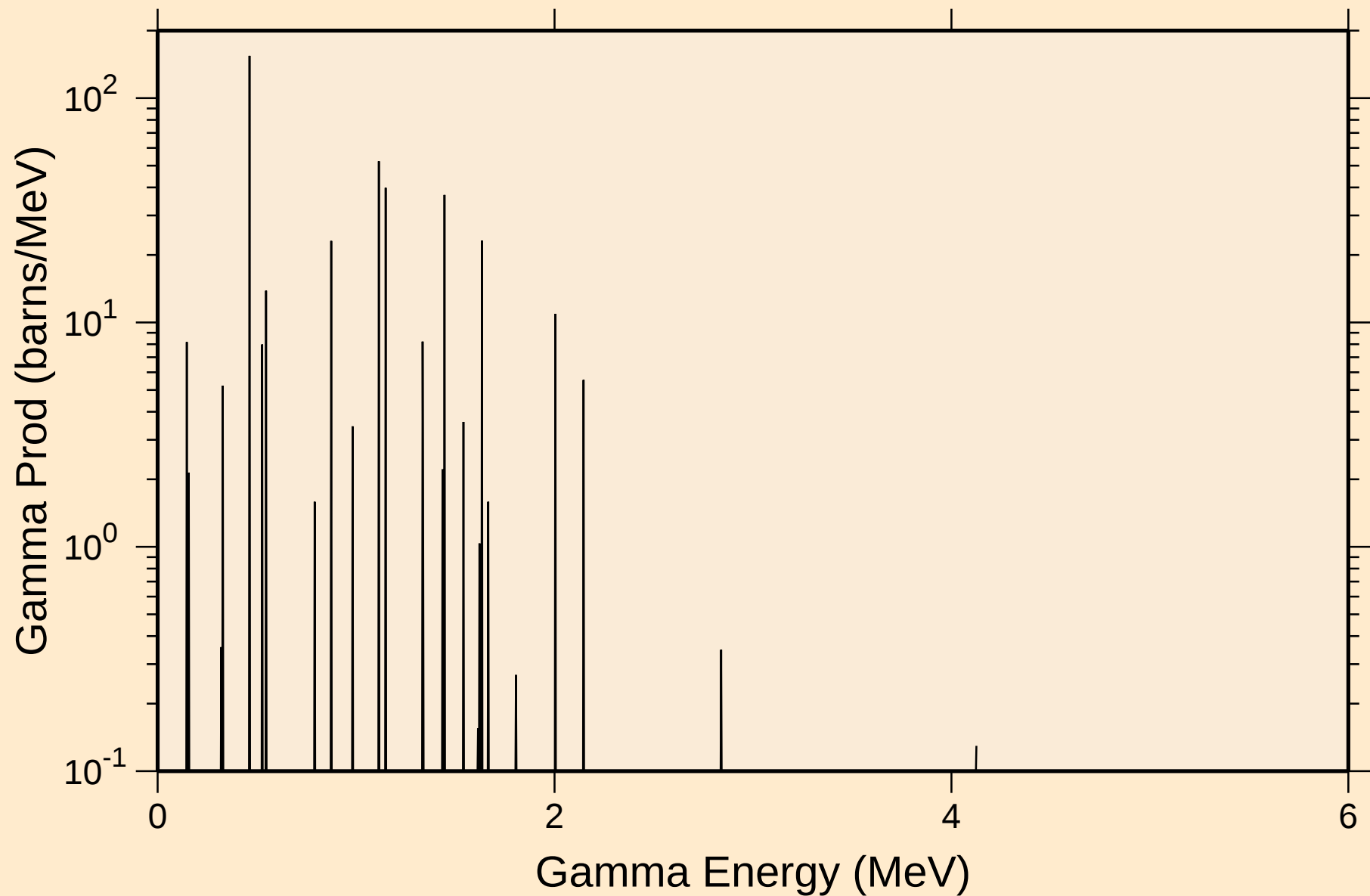
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



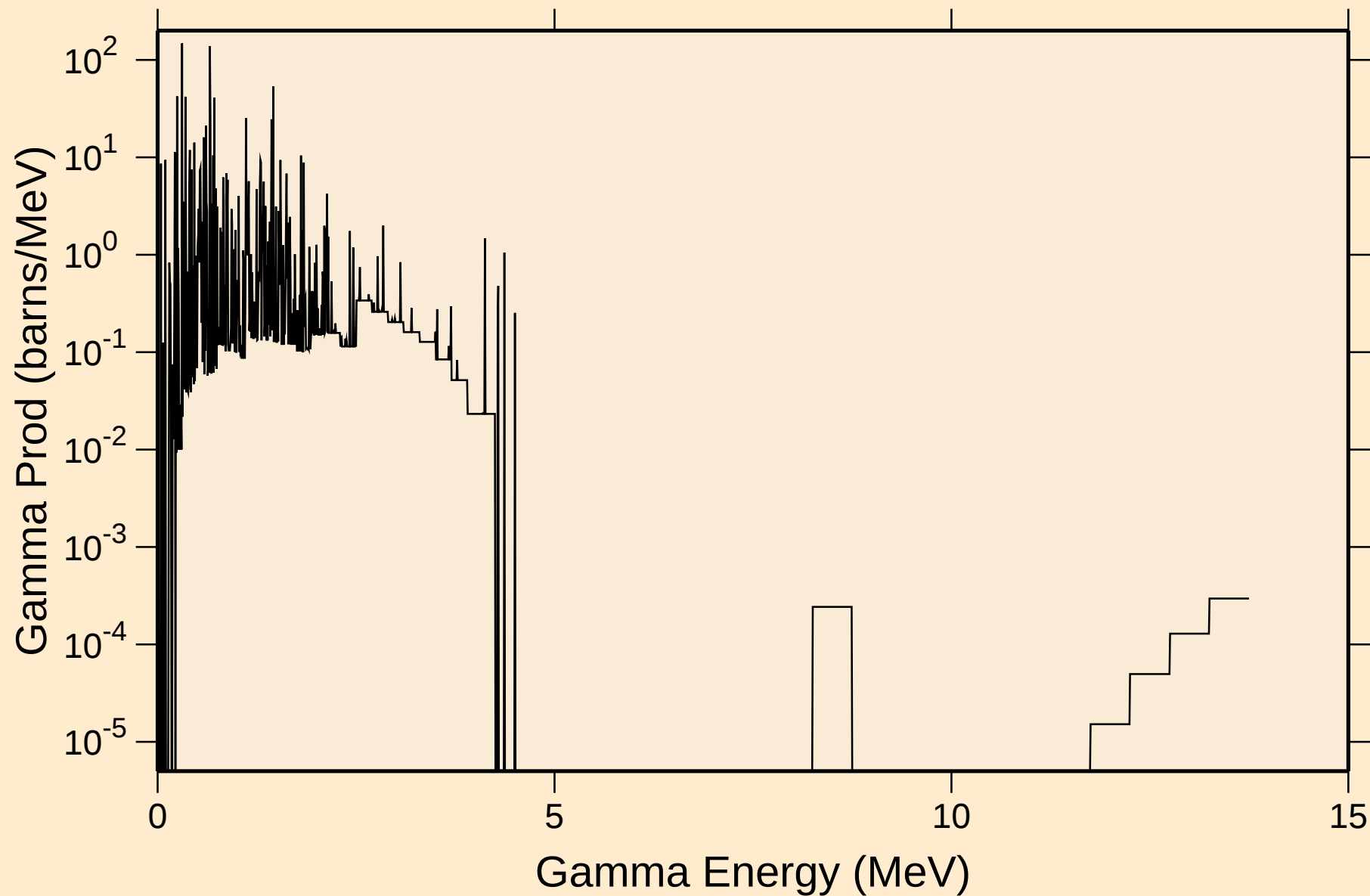
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

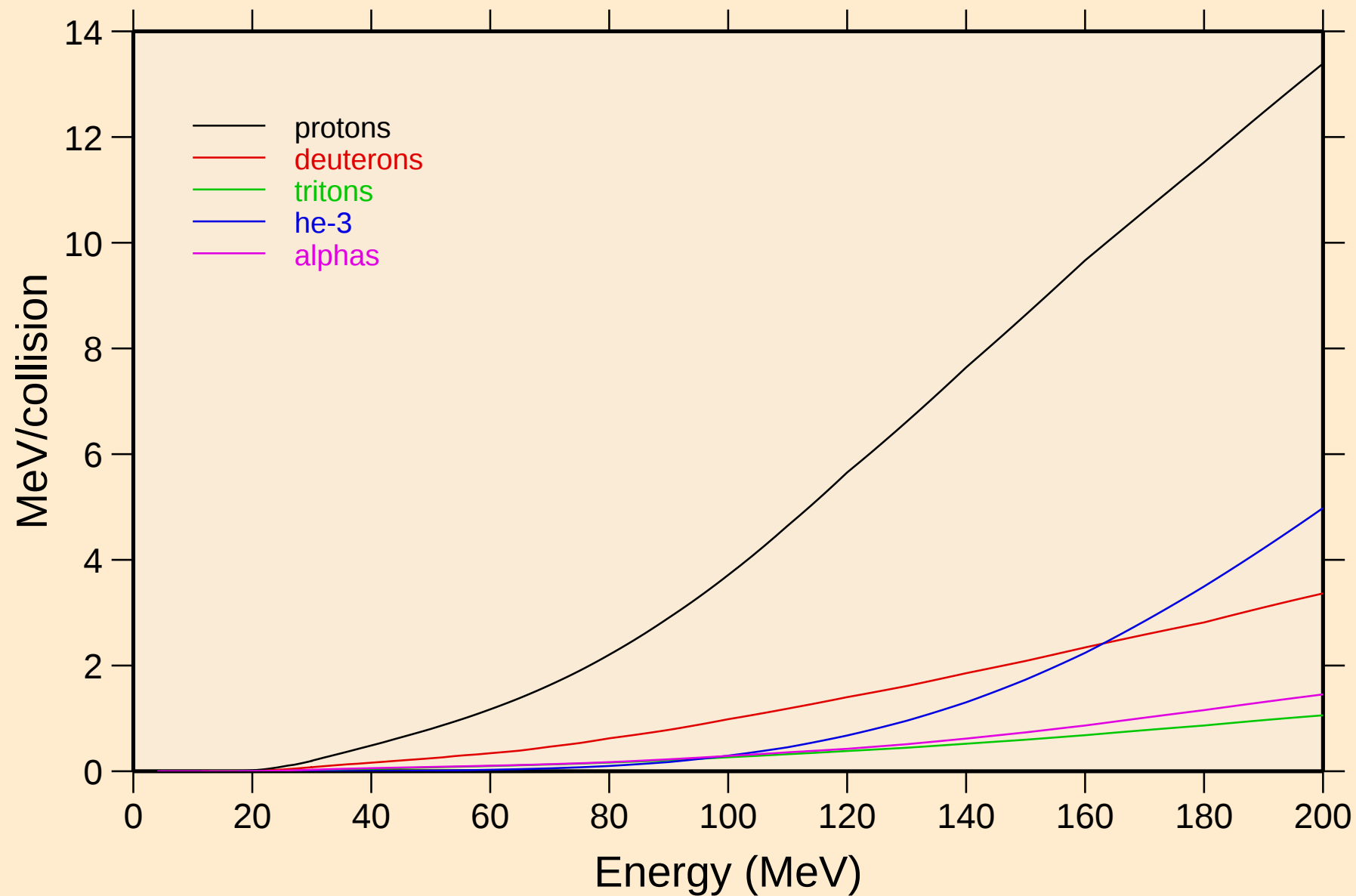


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

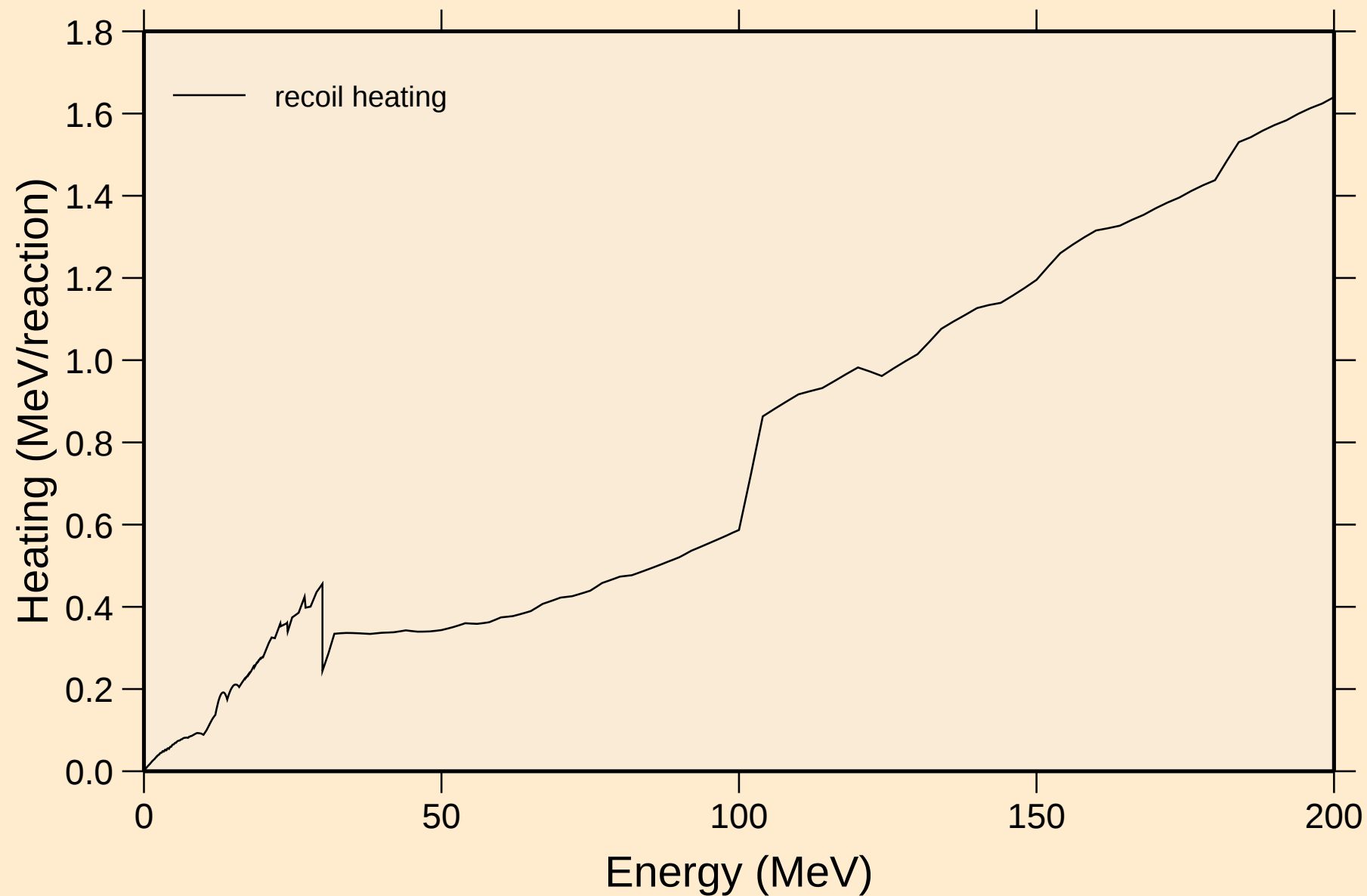


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

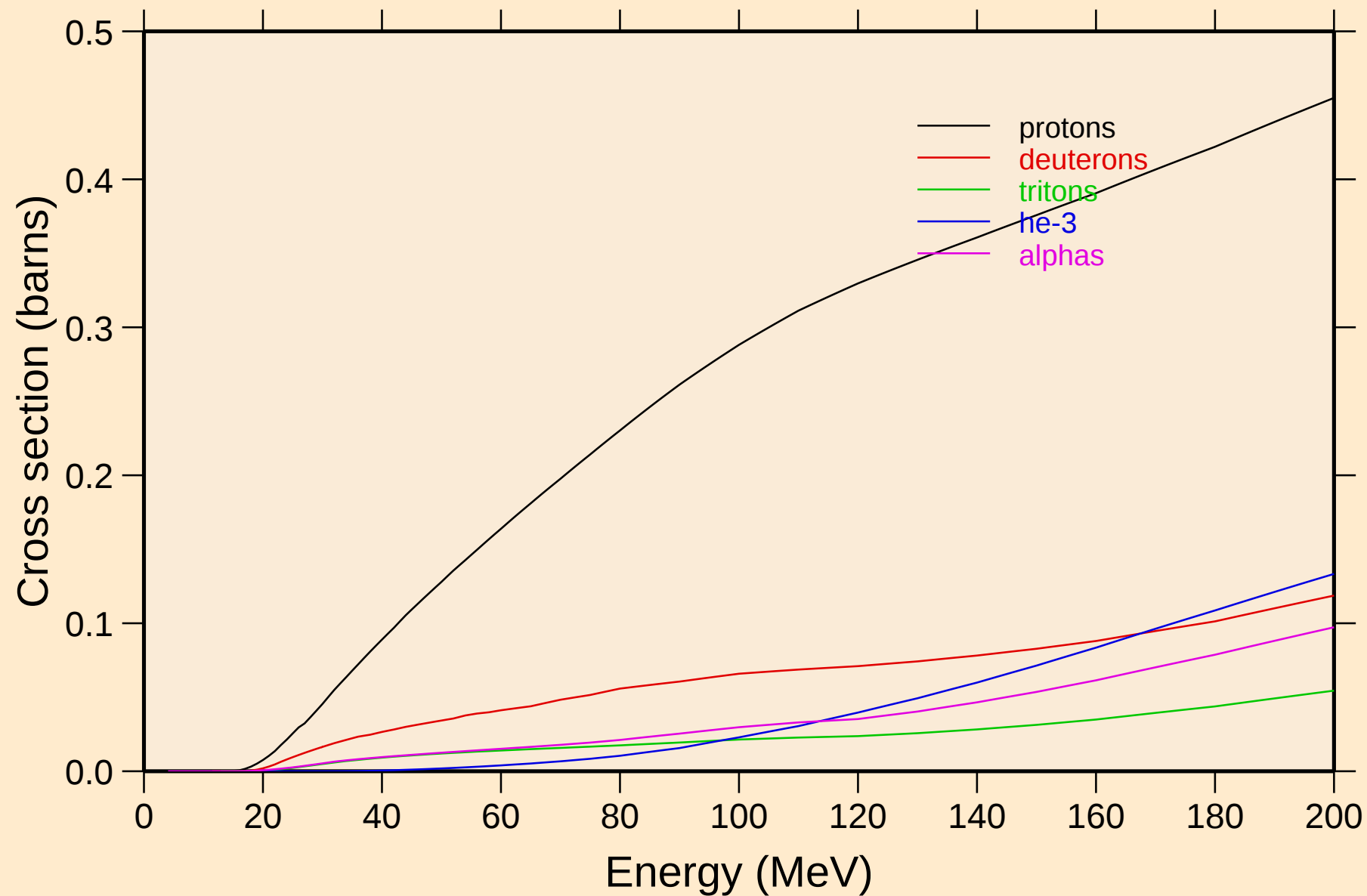


SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

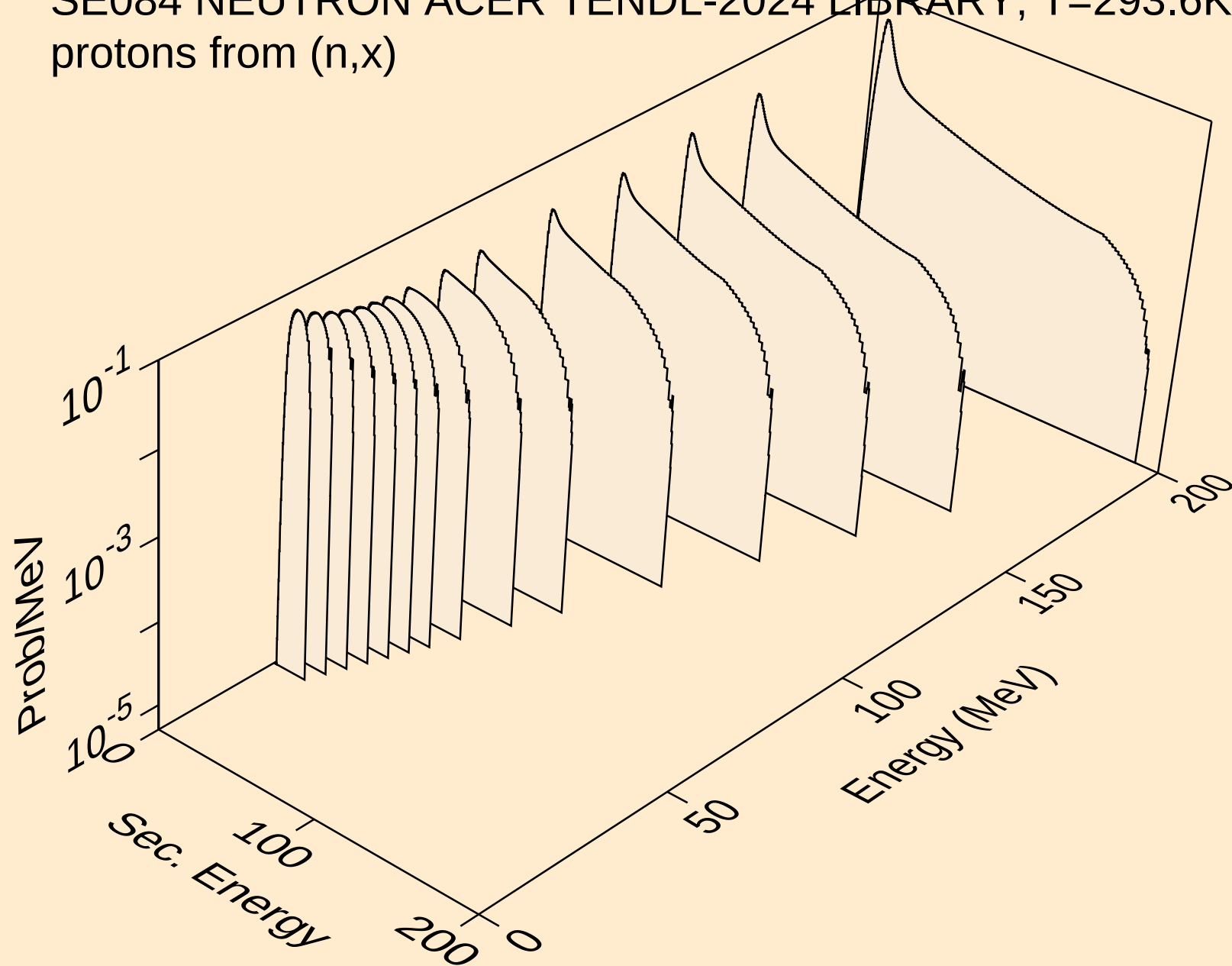


# SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

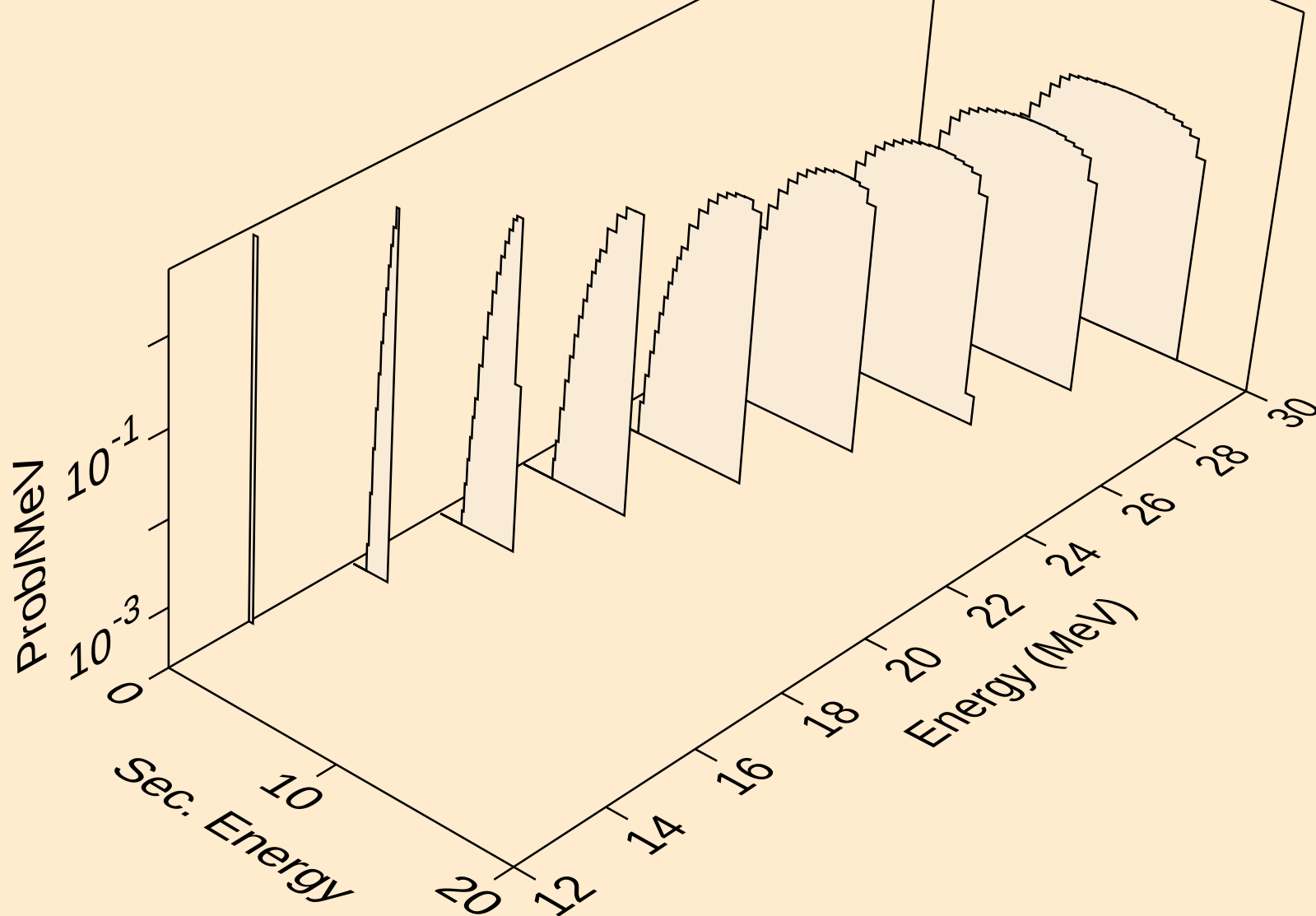
## Particle production cross sections



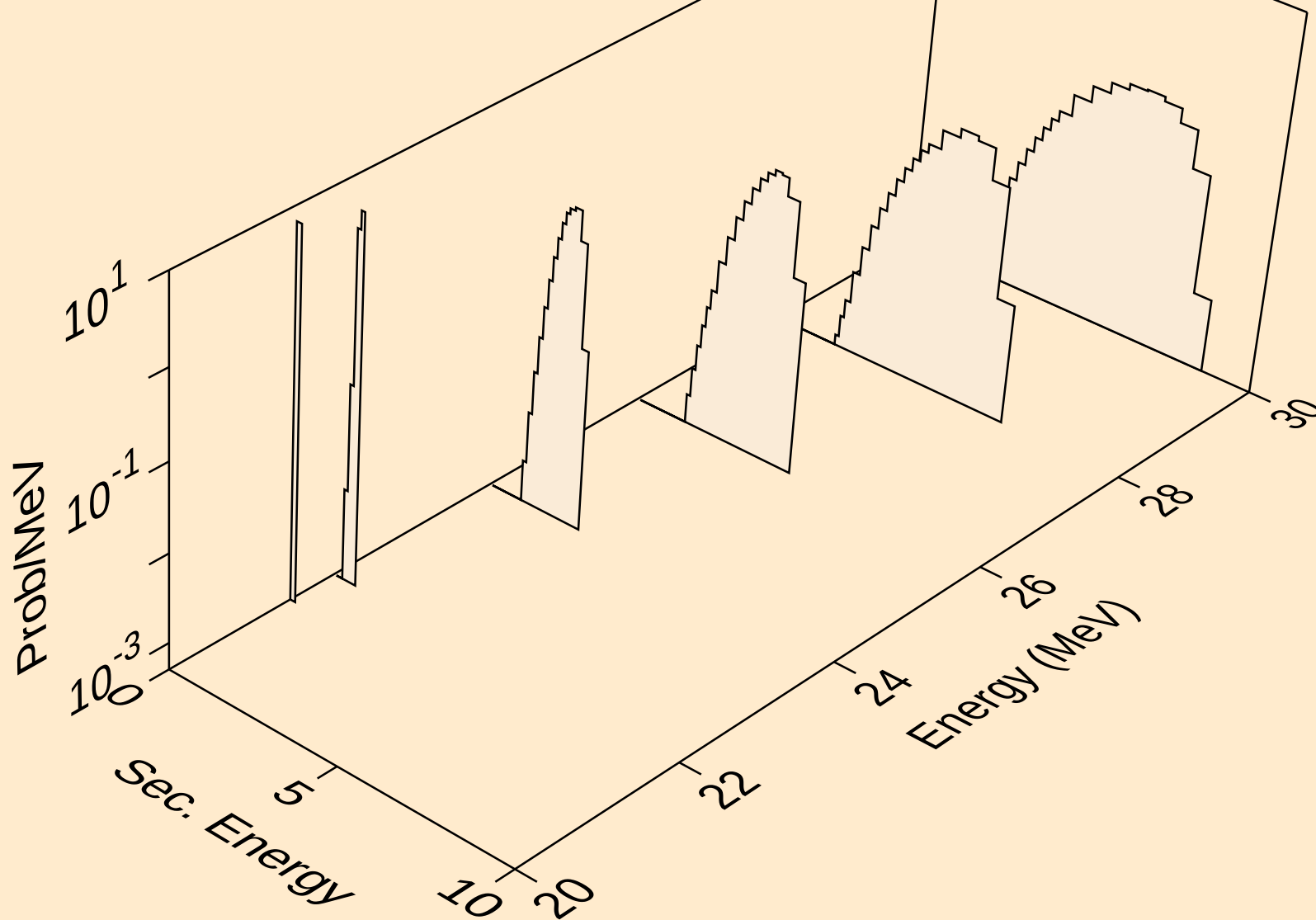
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



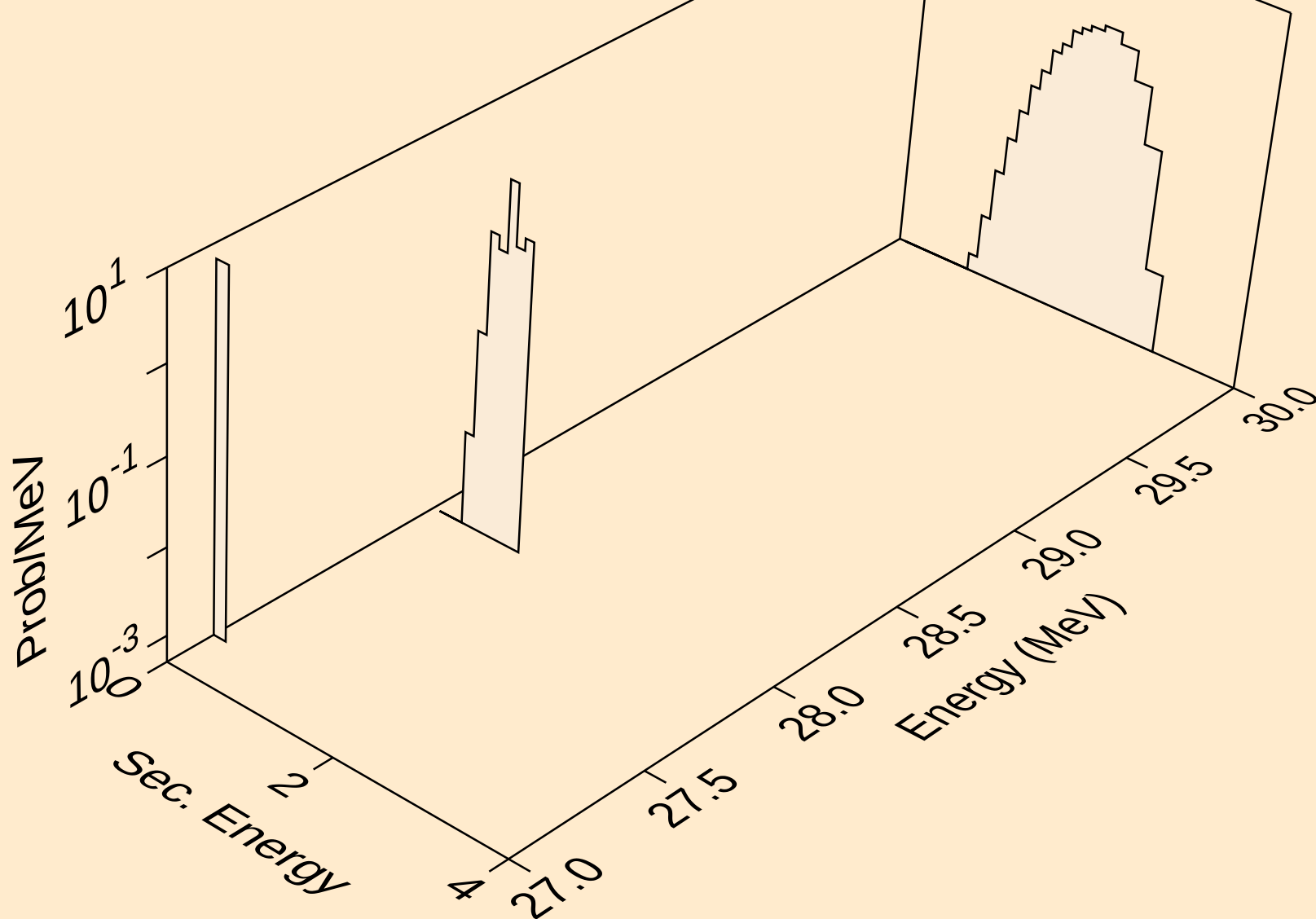
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



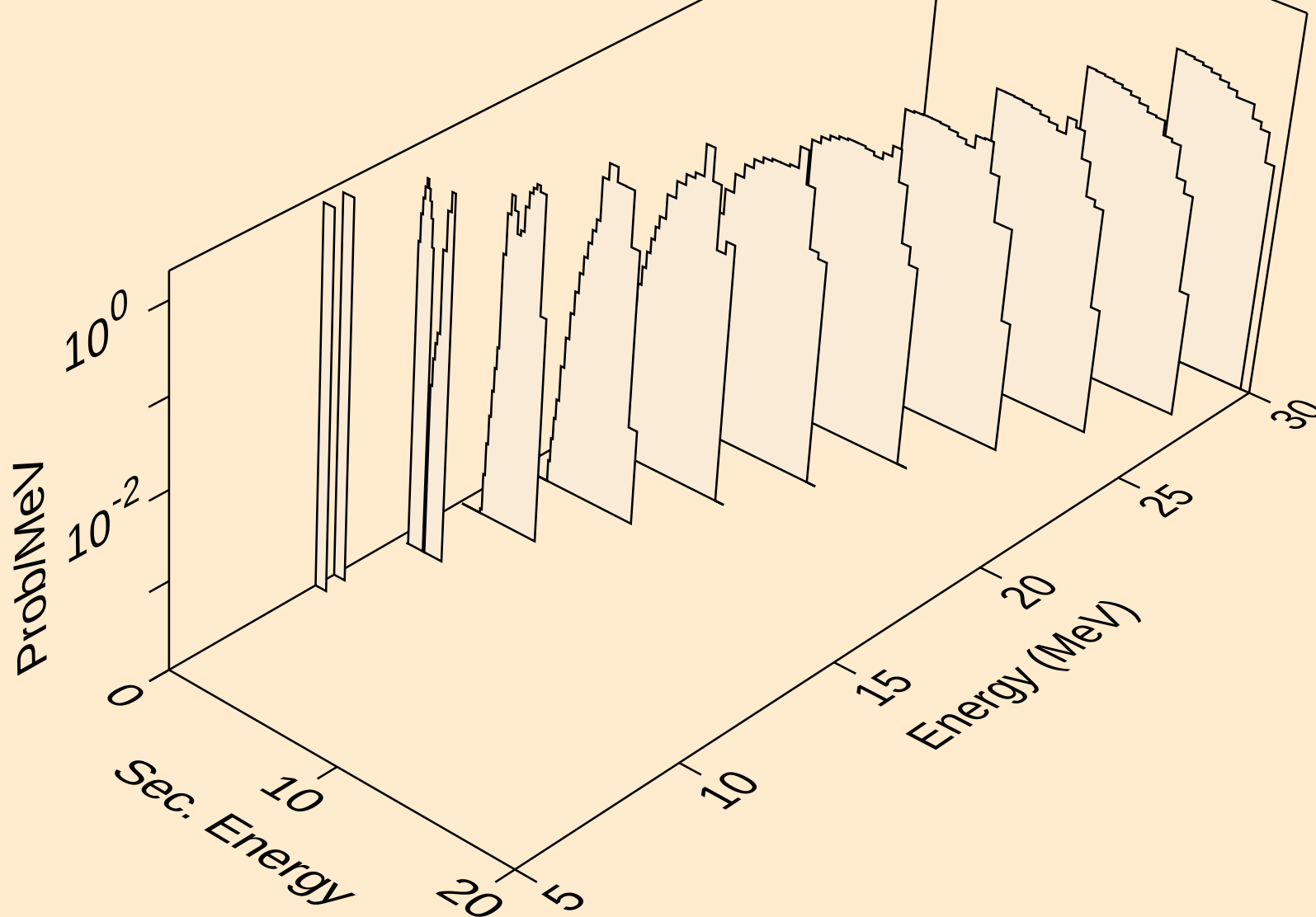
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



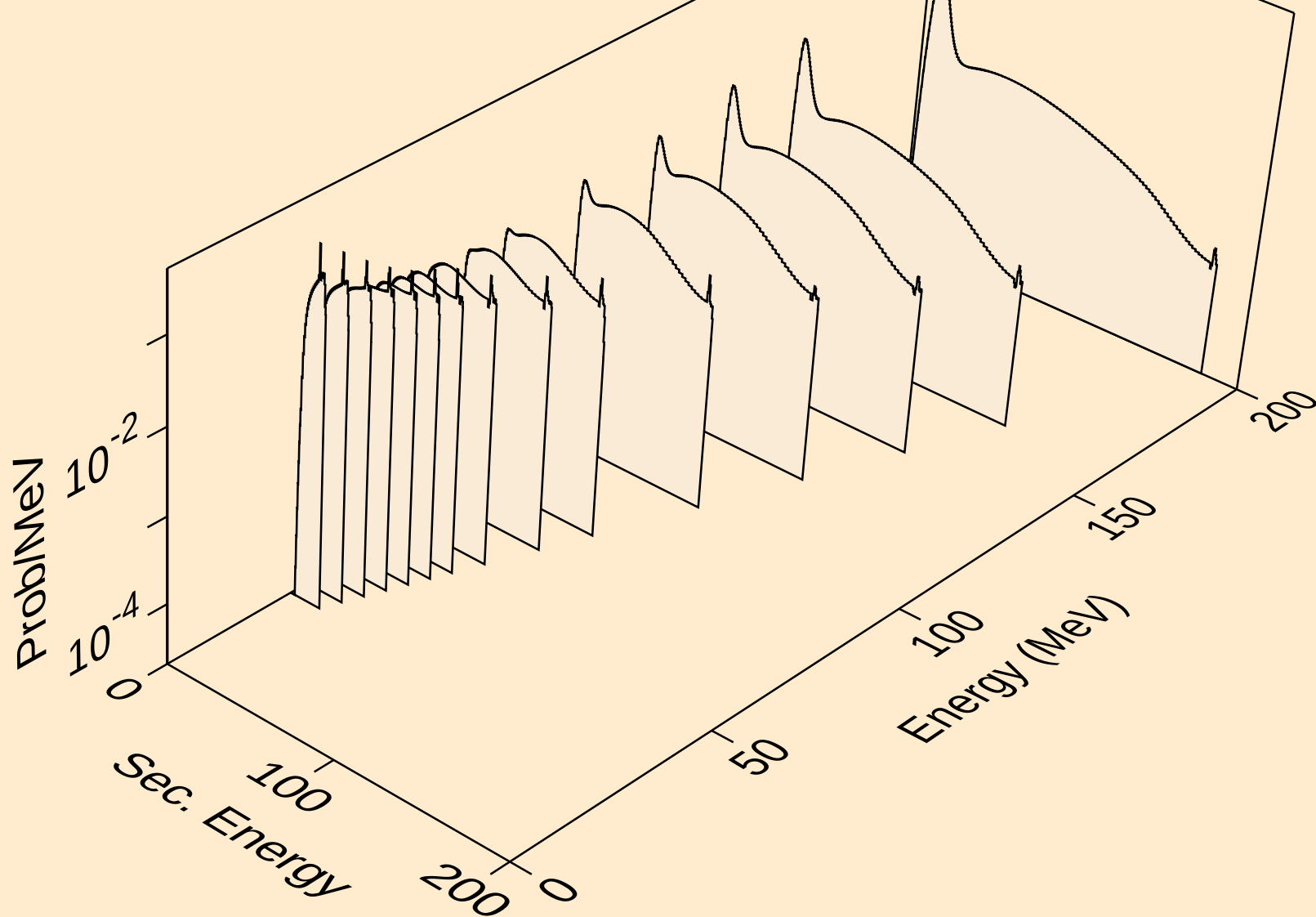
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



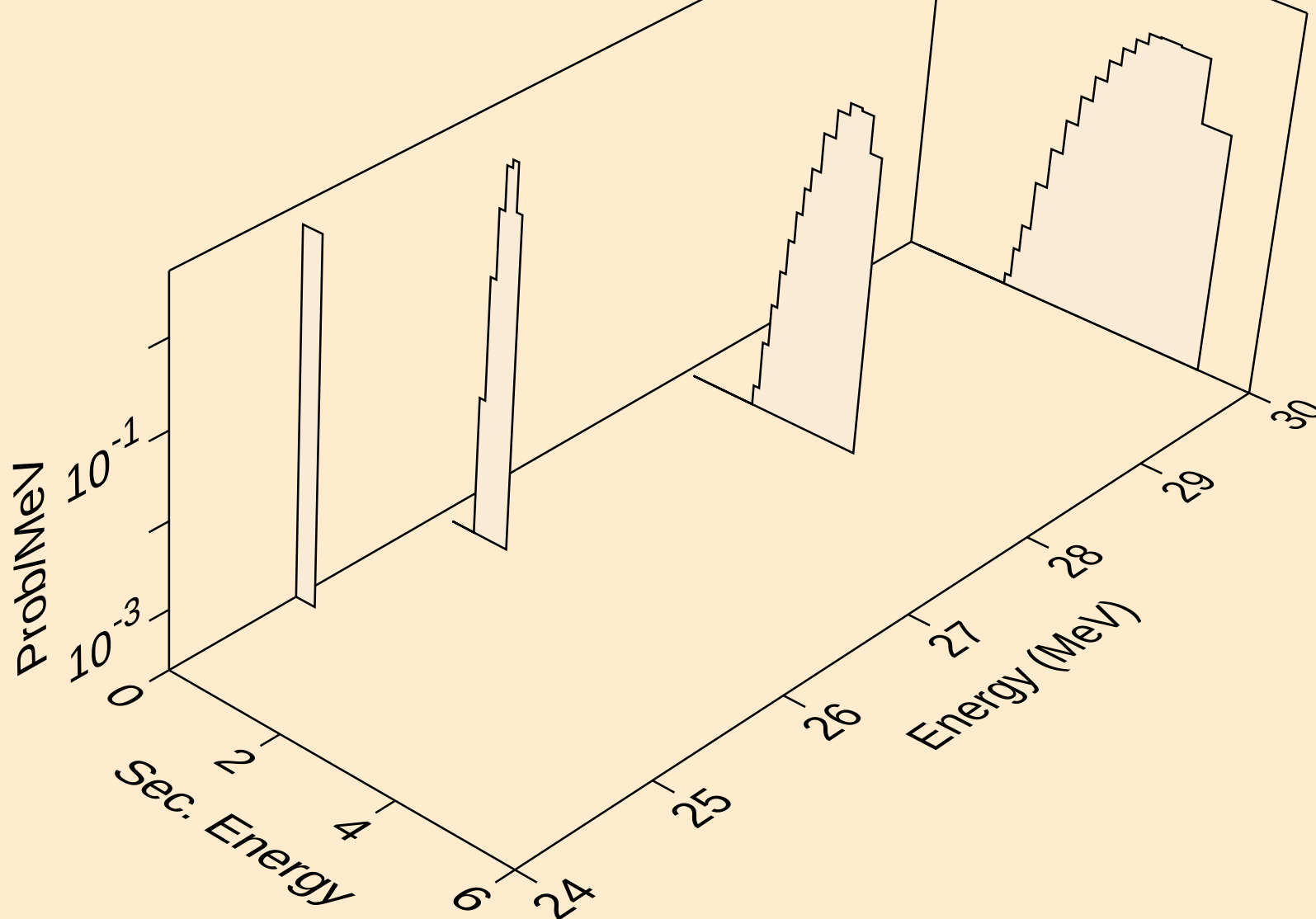
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protons from (n,p)



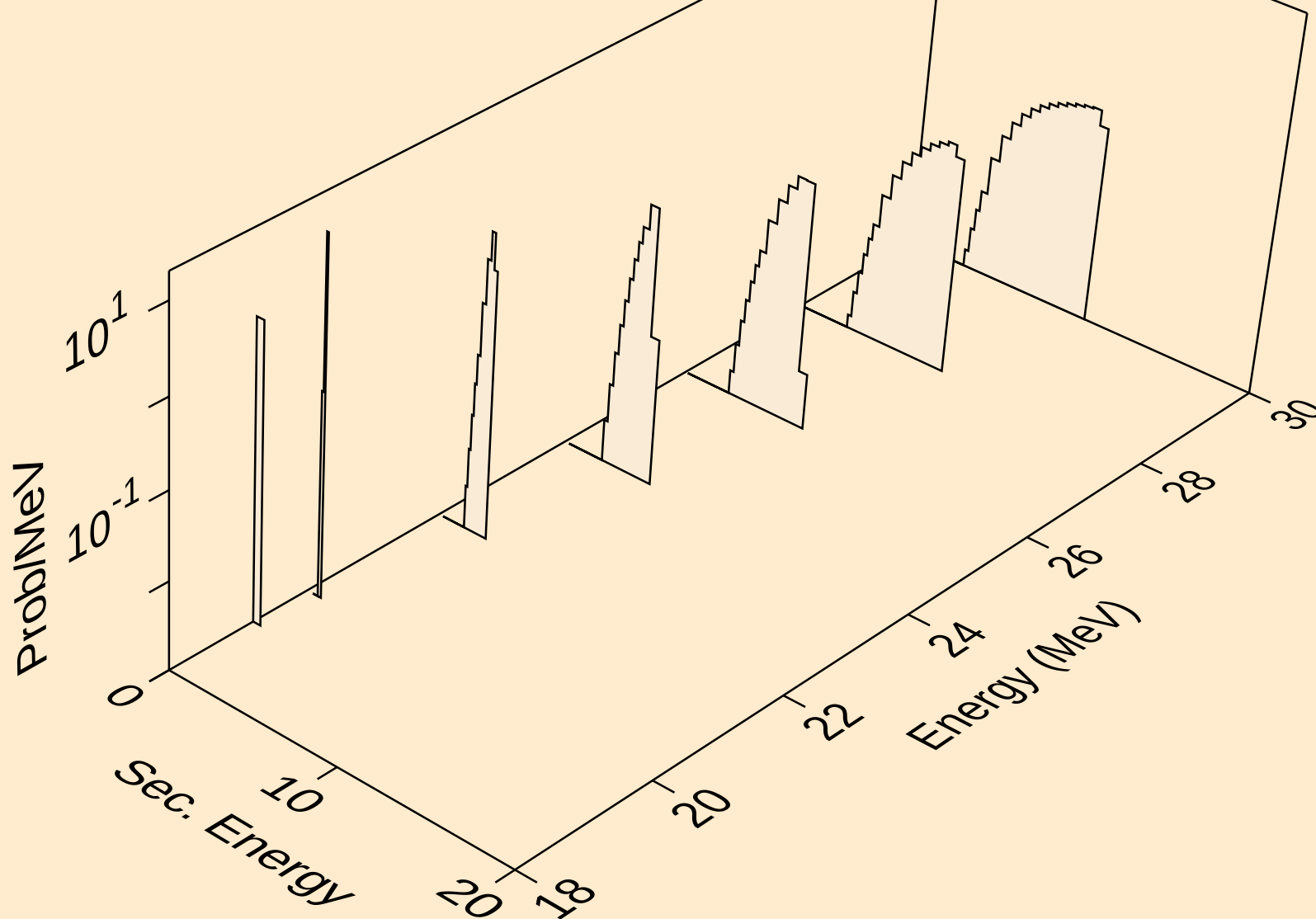
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



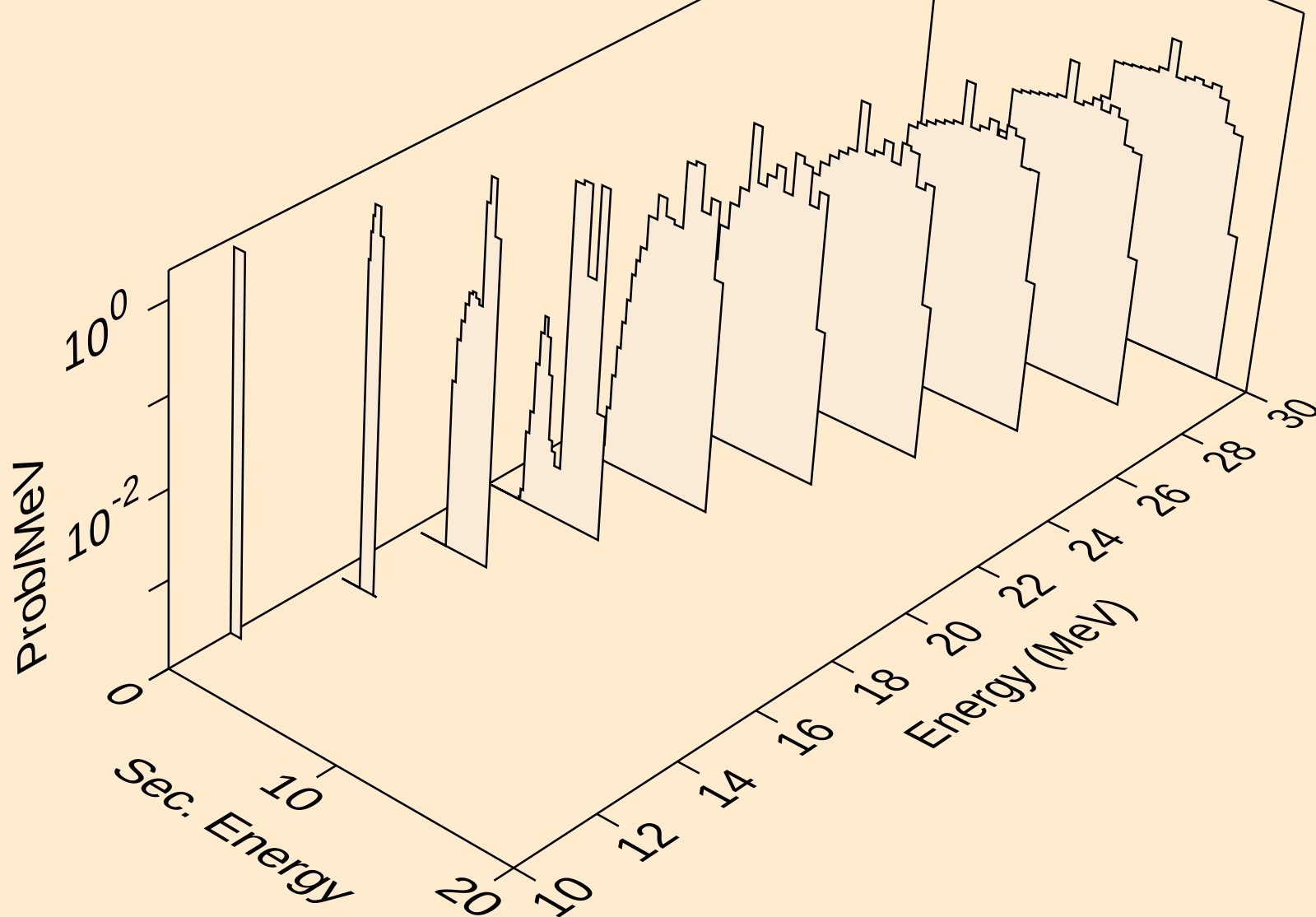
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deuterons from (n,2nd)



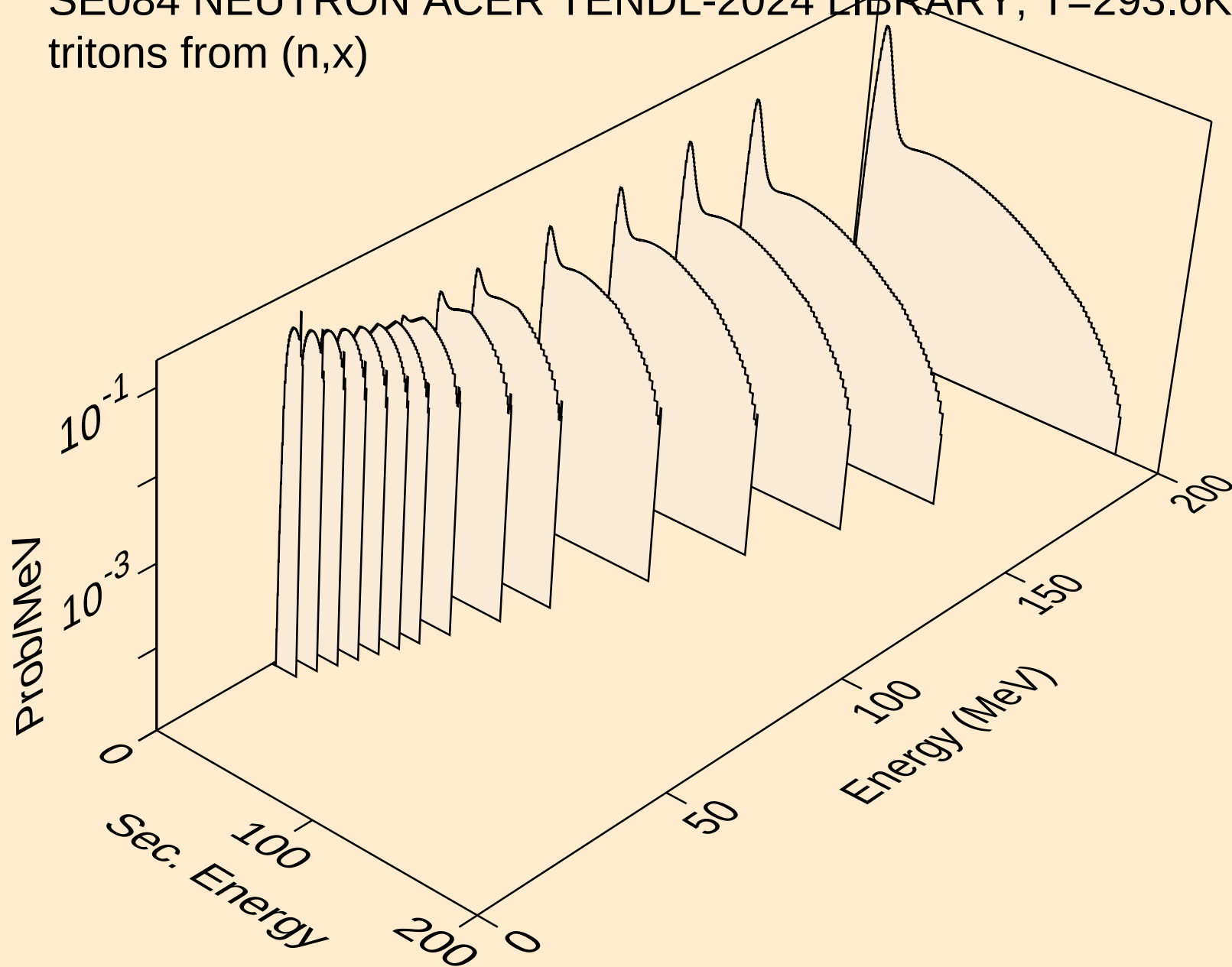
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



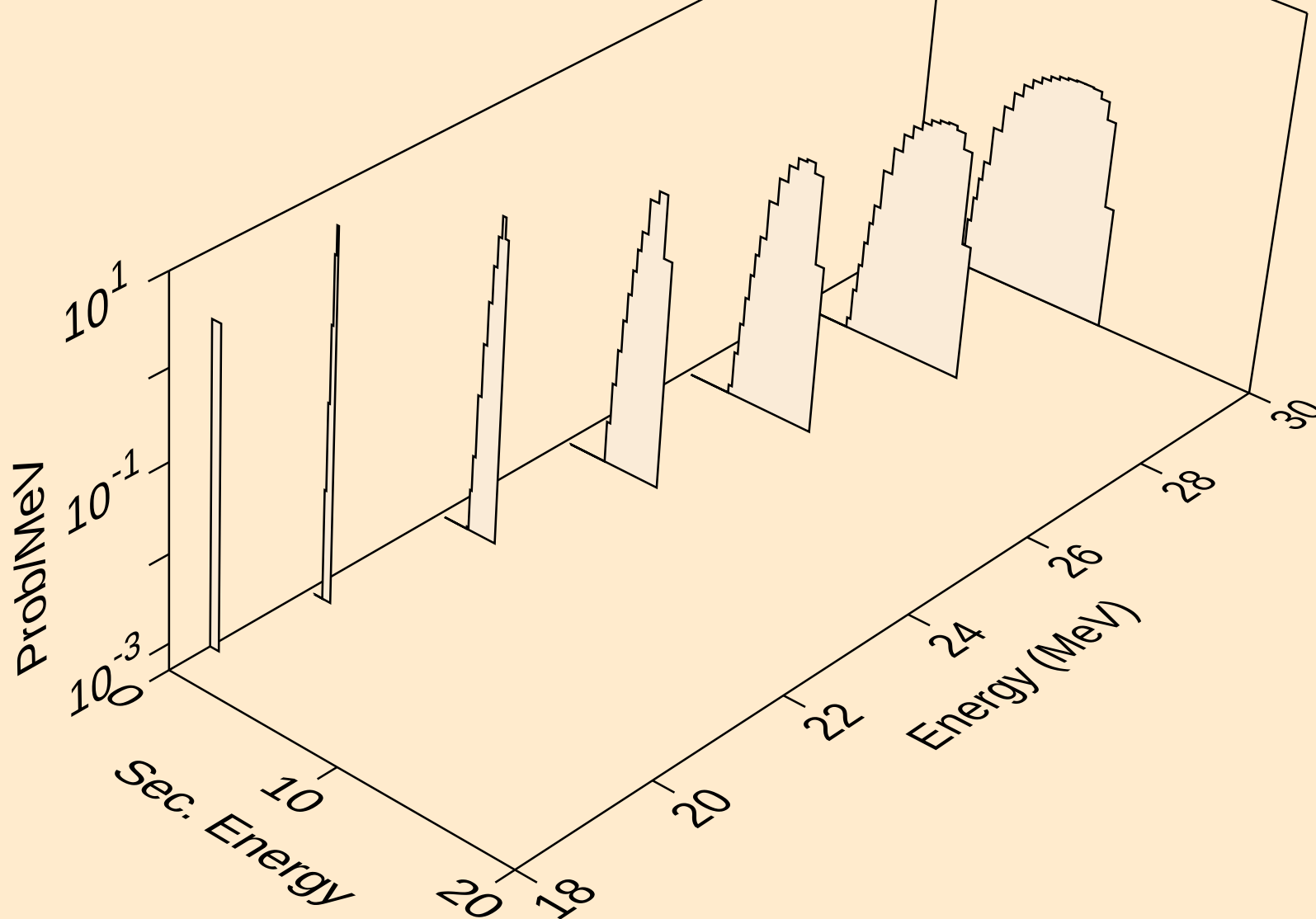
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deuterons from (n,d)



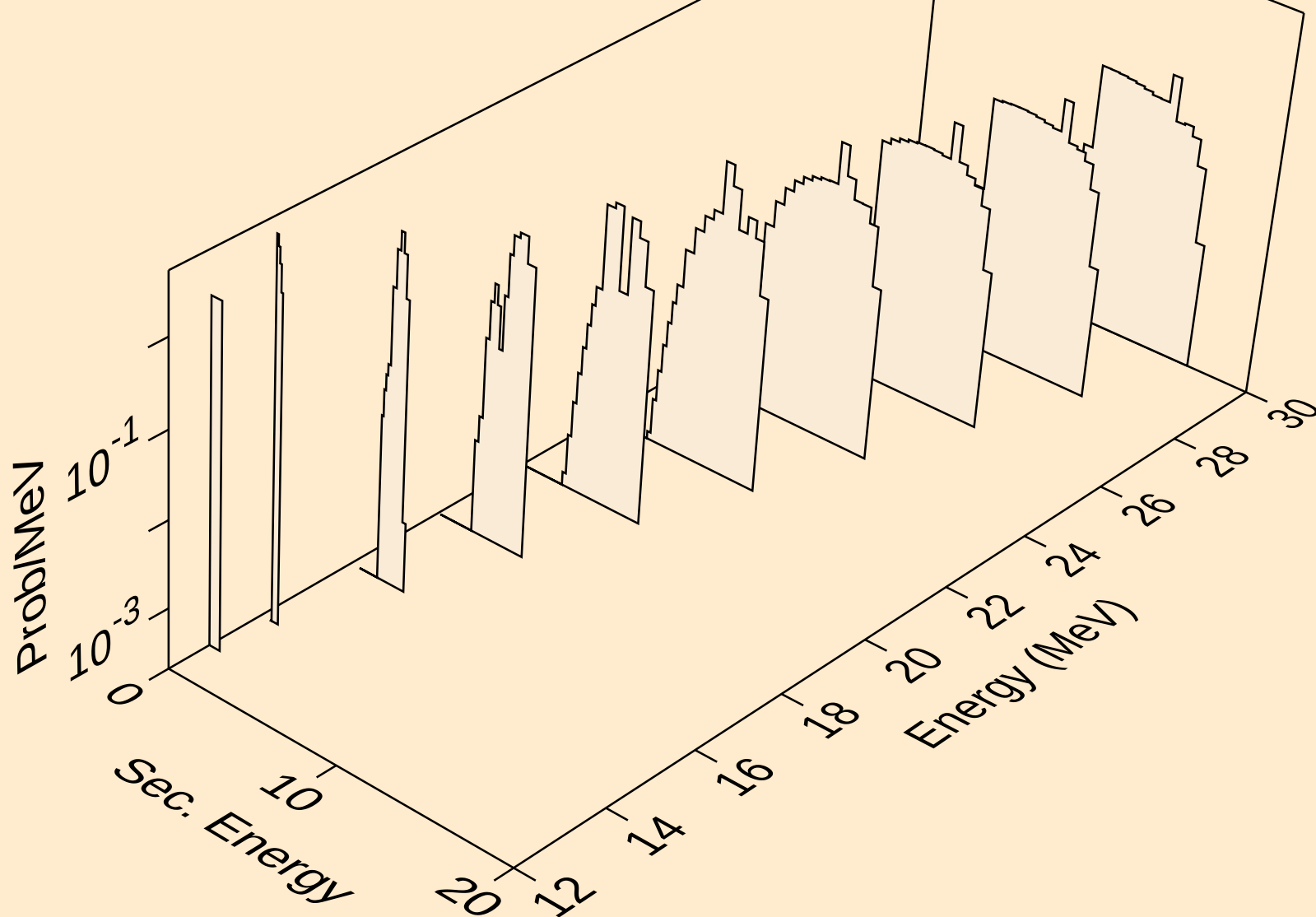
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tritons from (n,x)



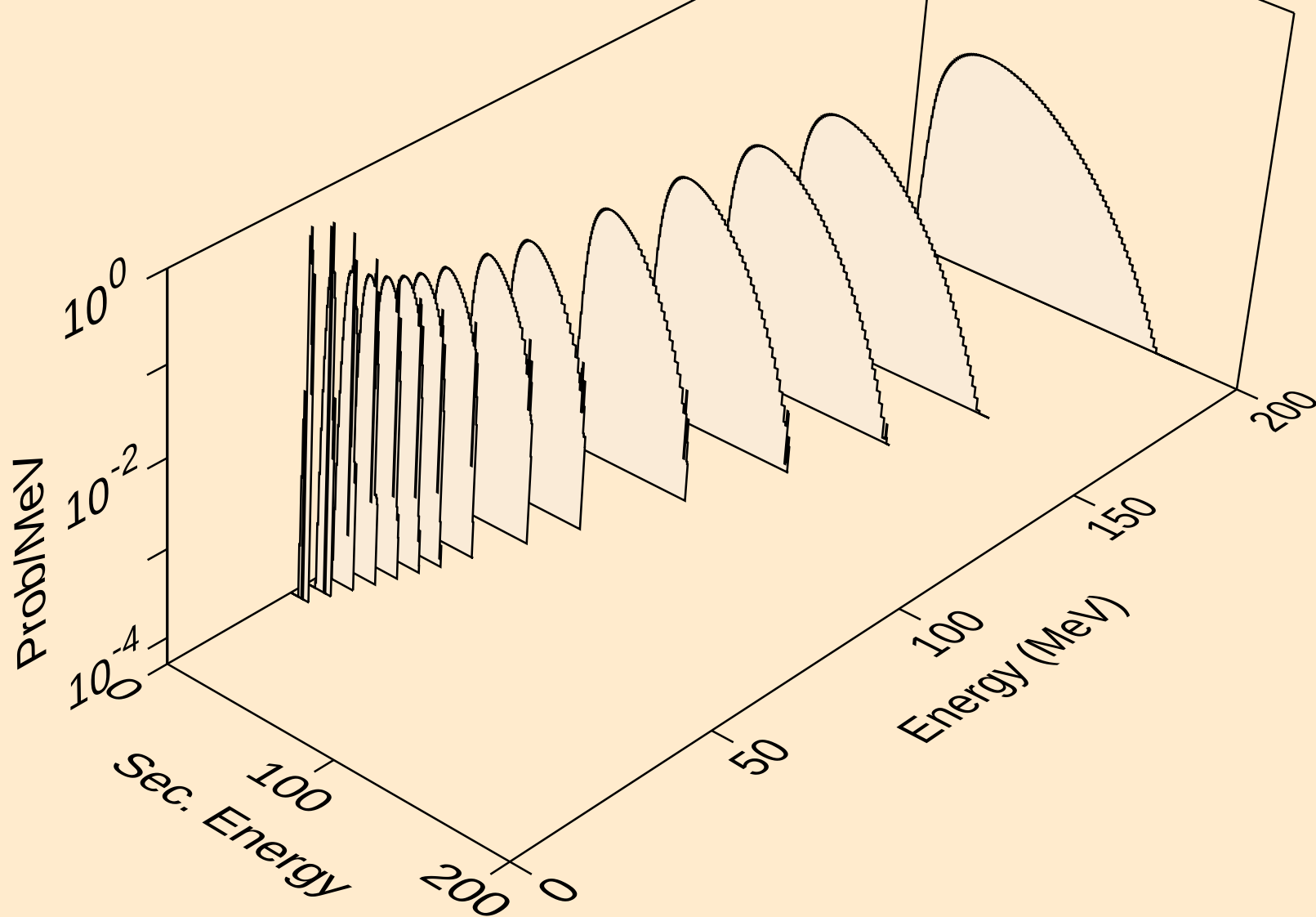
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



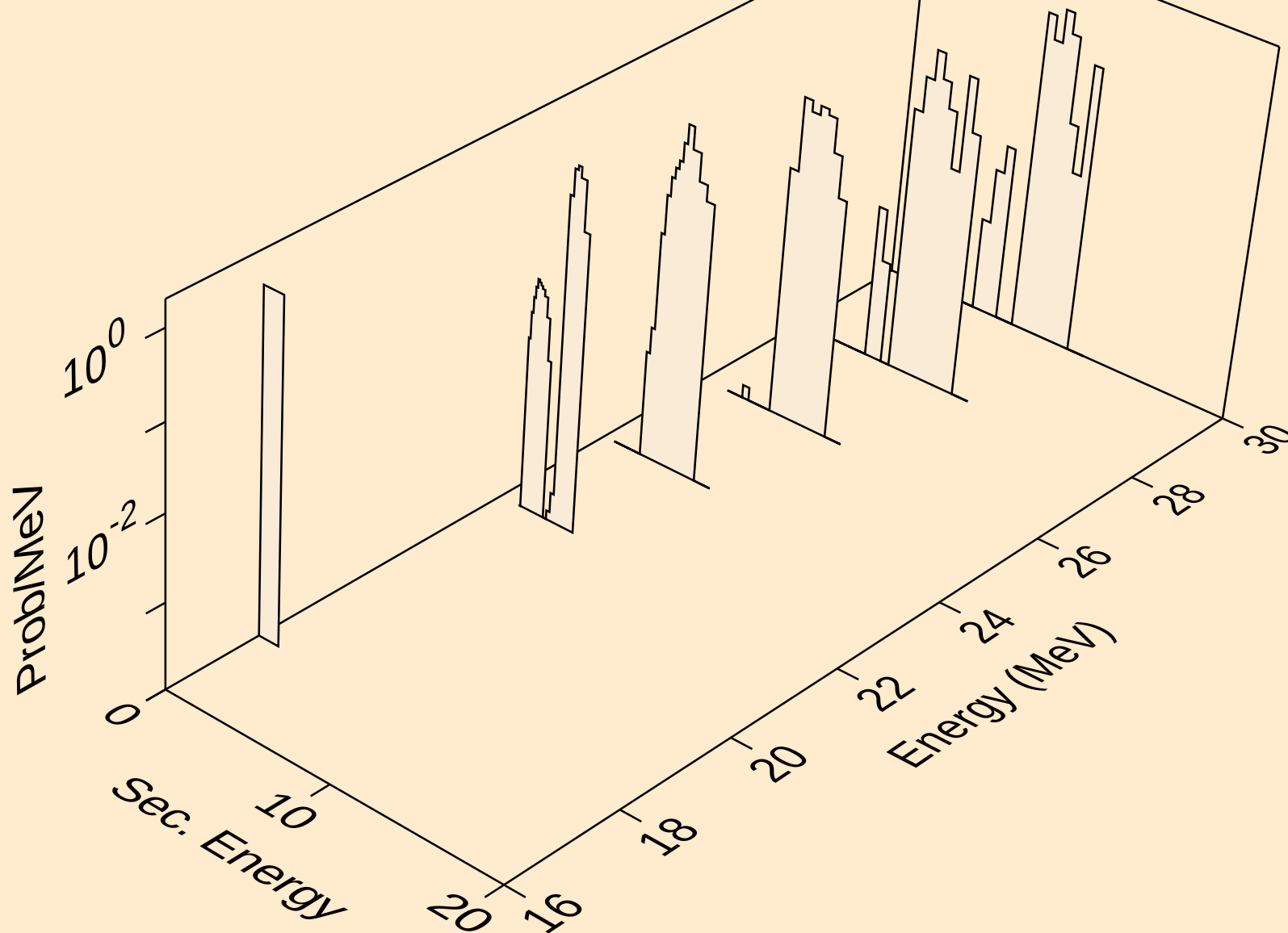
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tritons from (n,t)



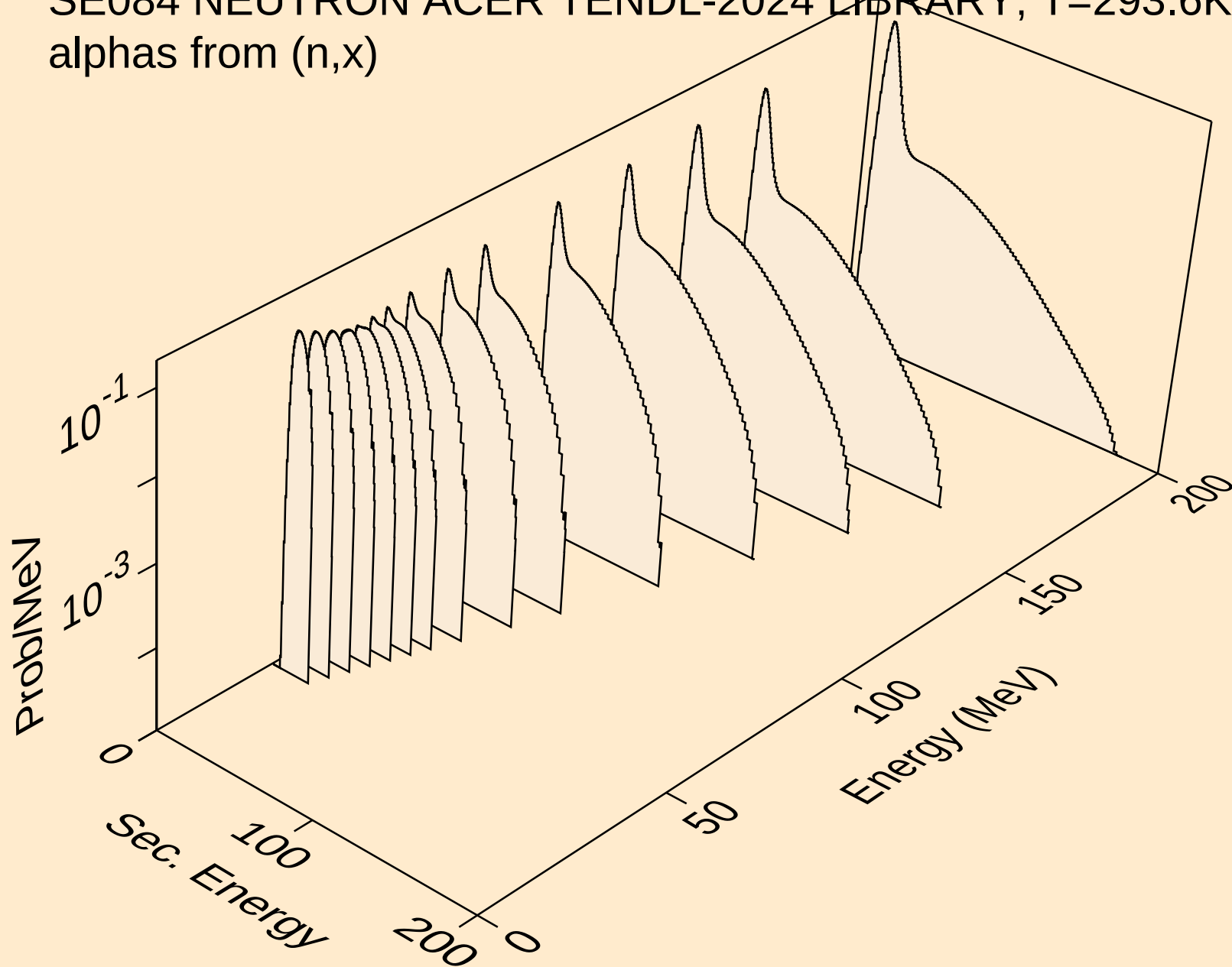
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



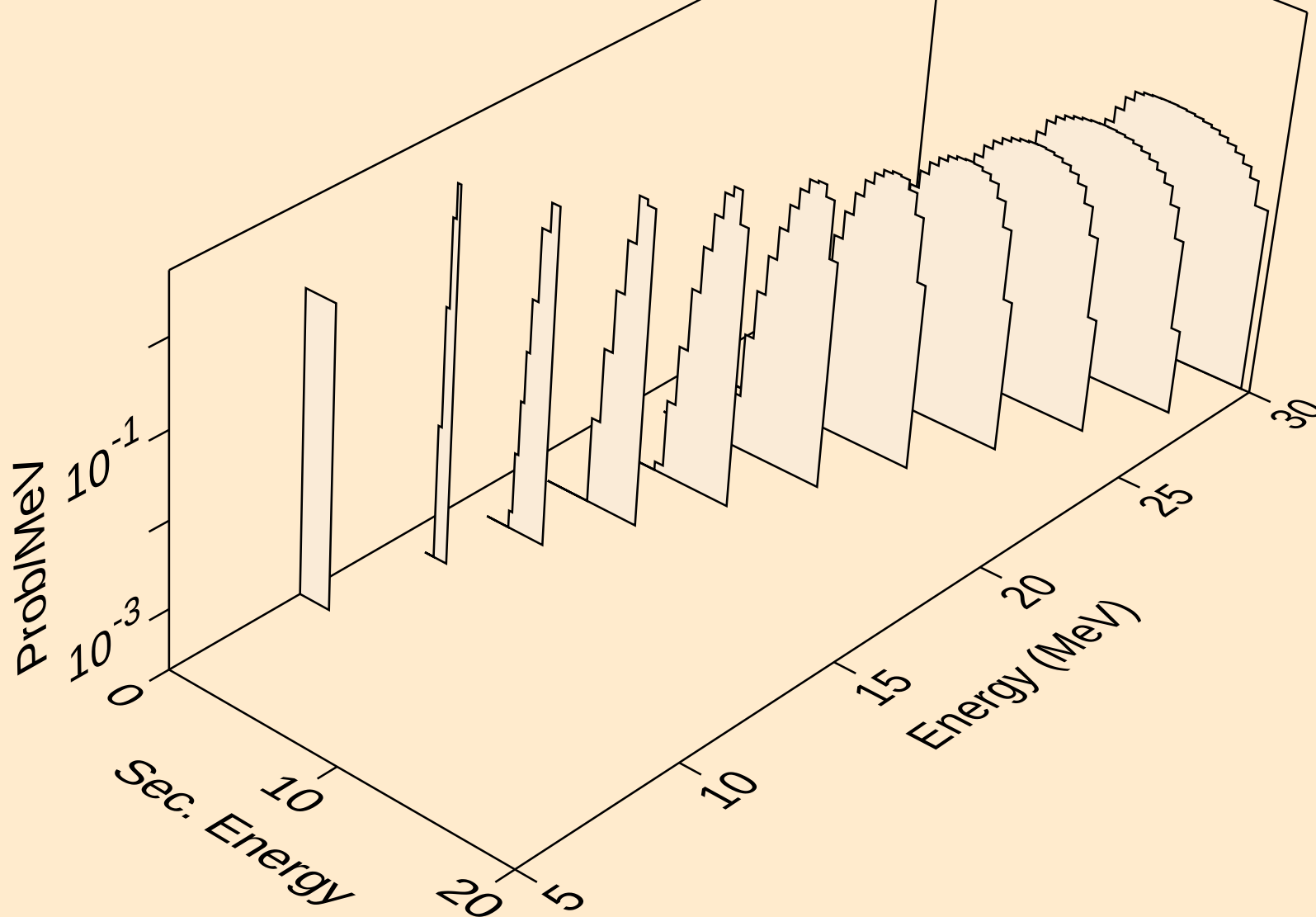
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



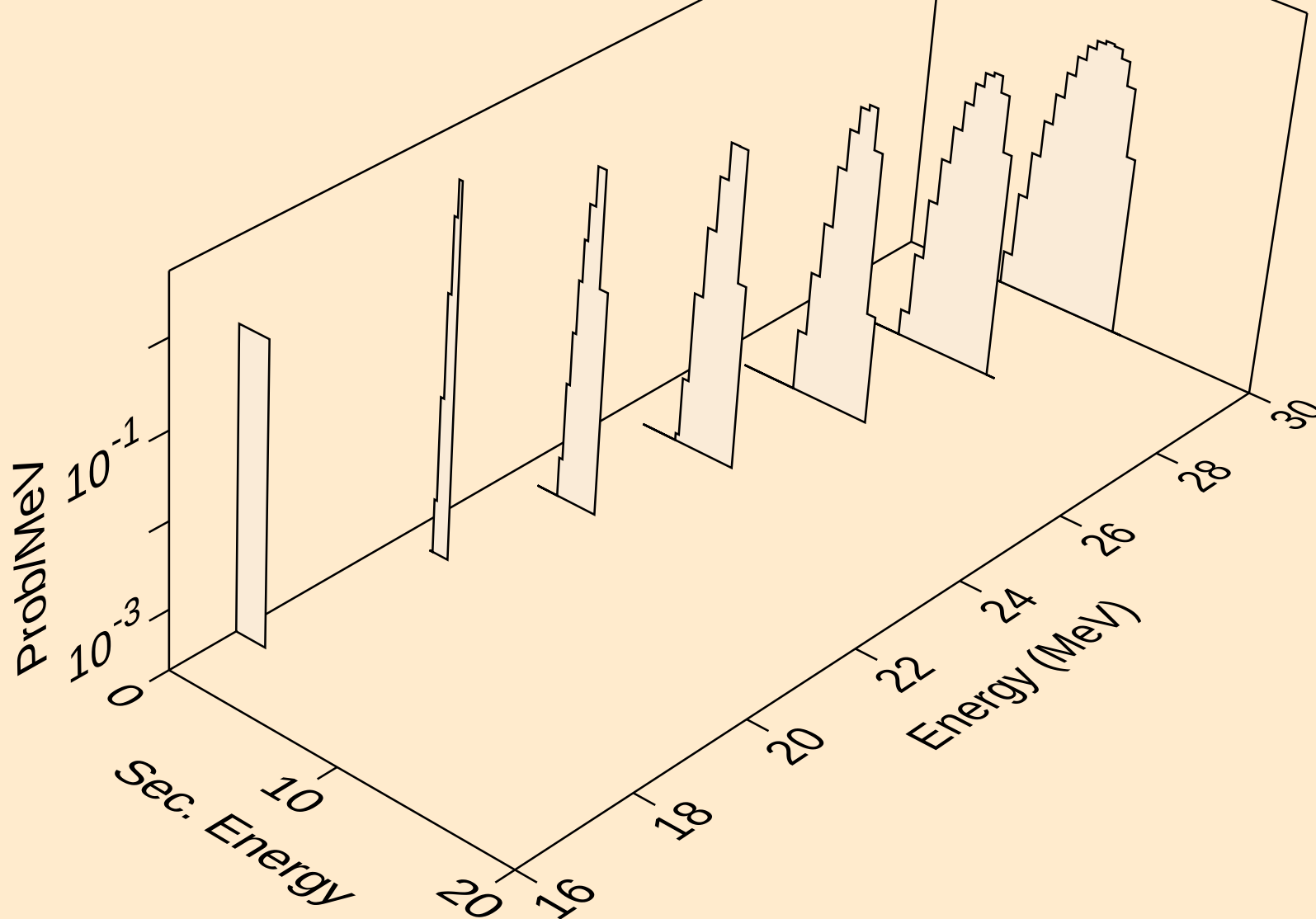
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



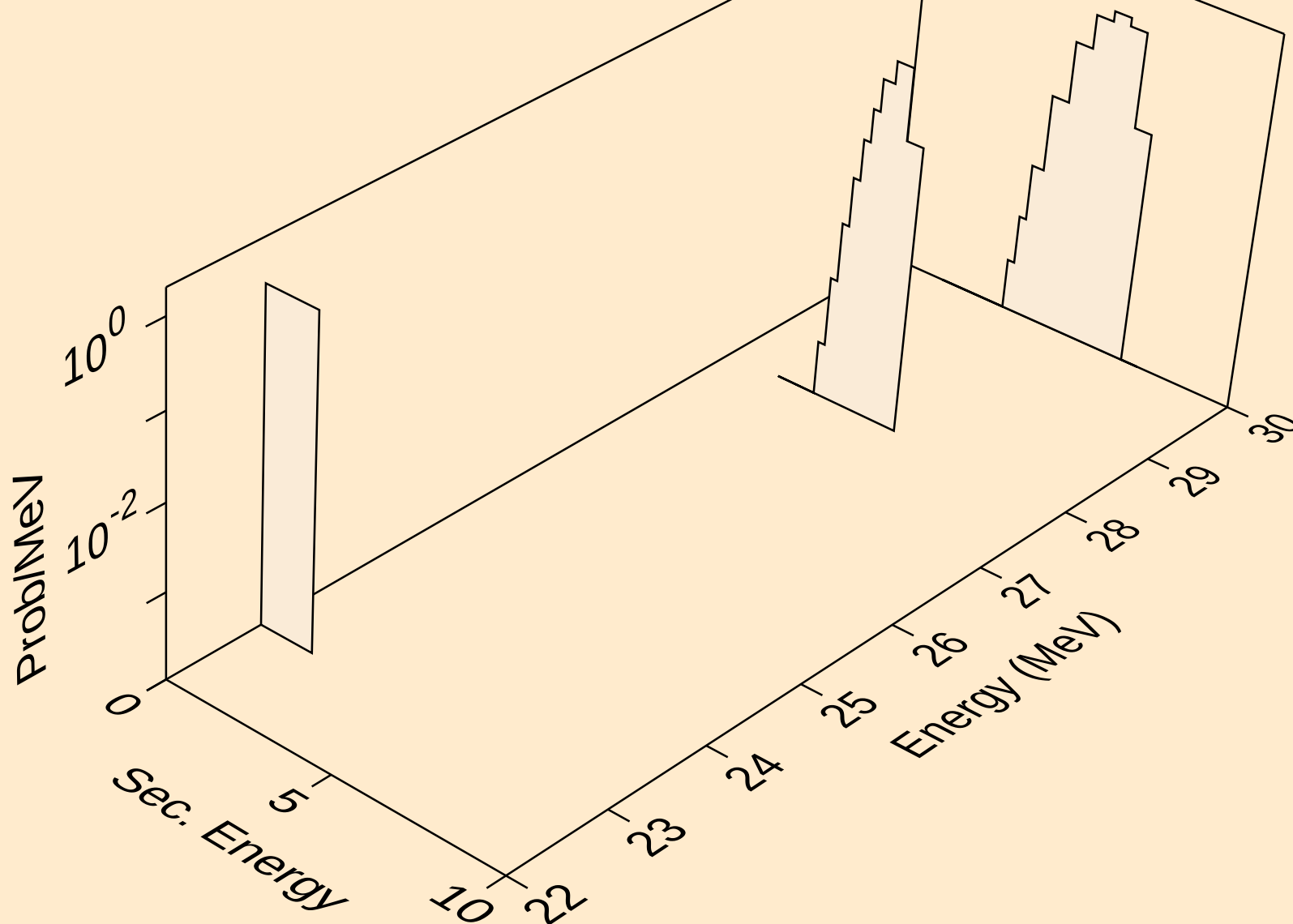
SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



SE084 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

