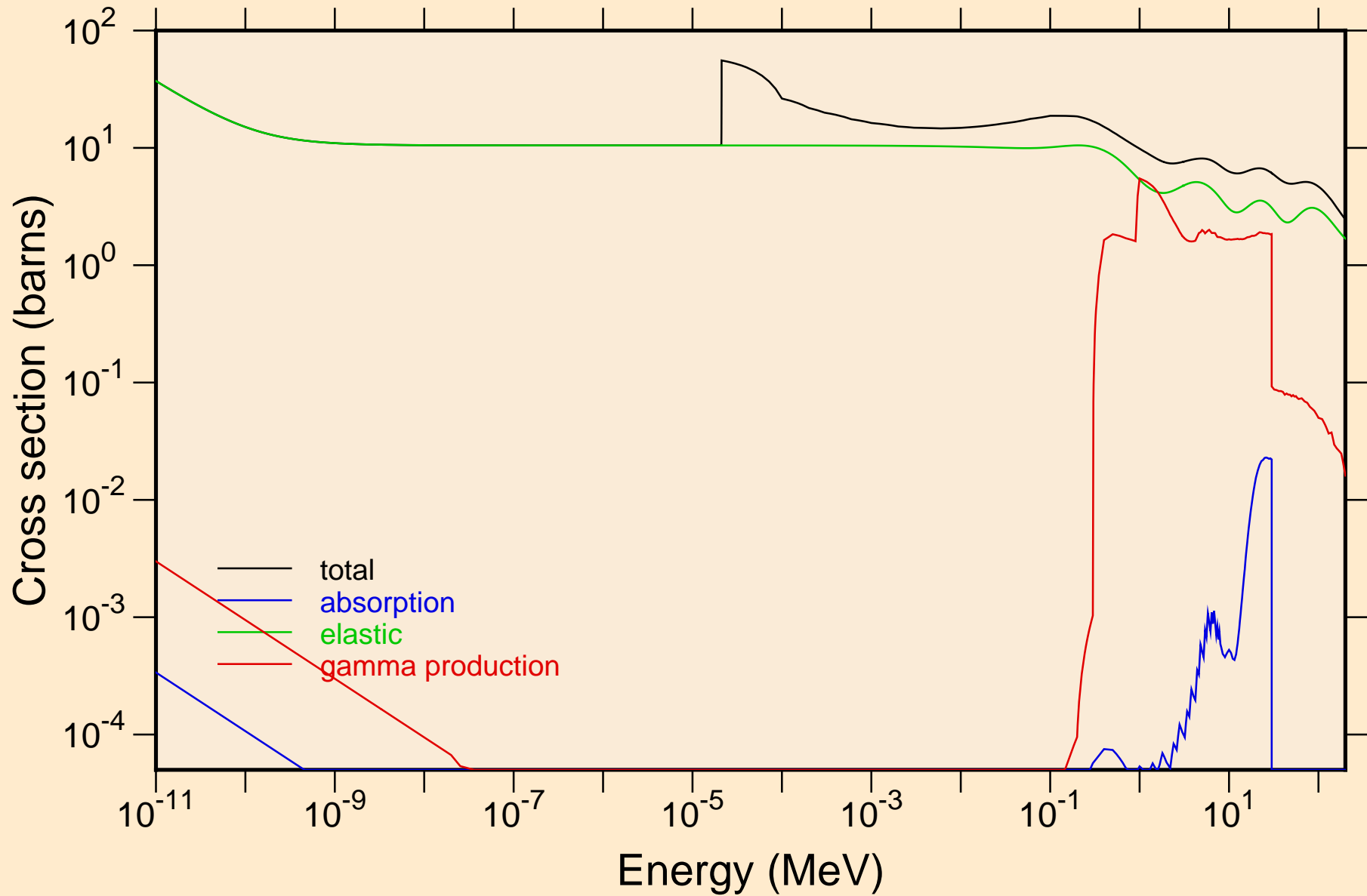
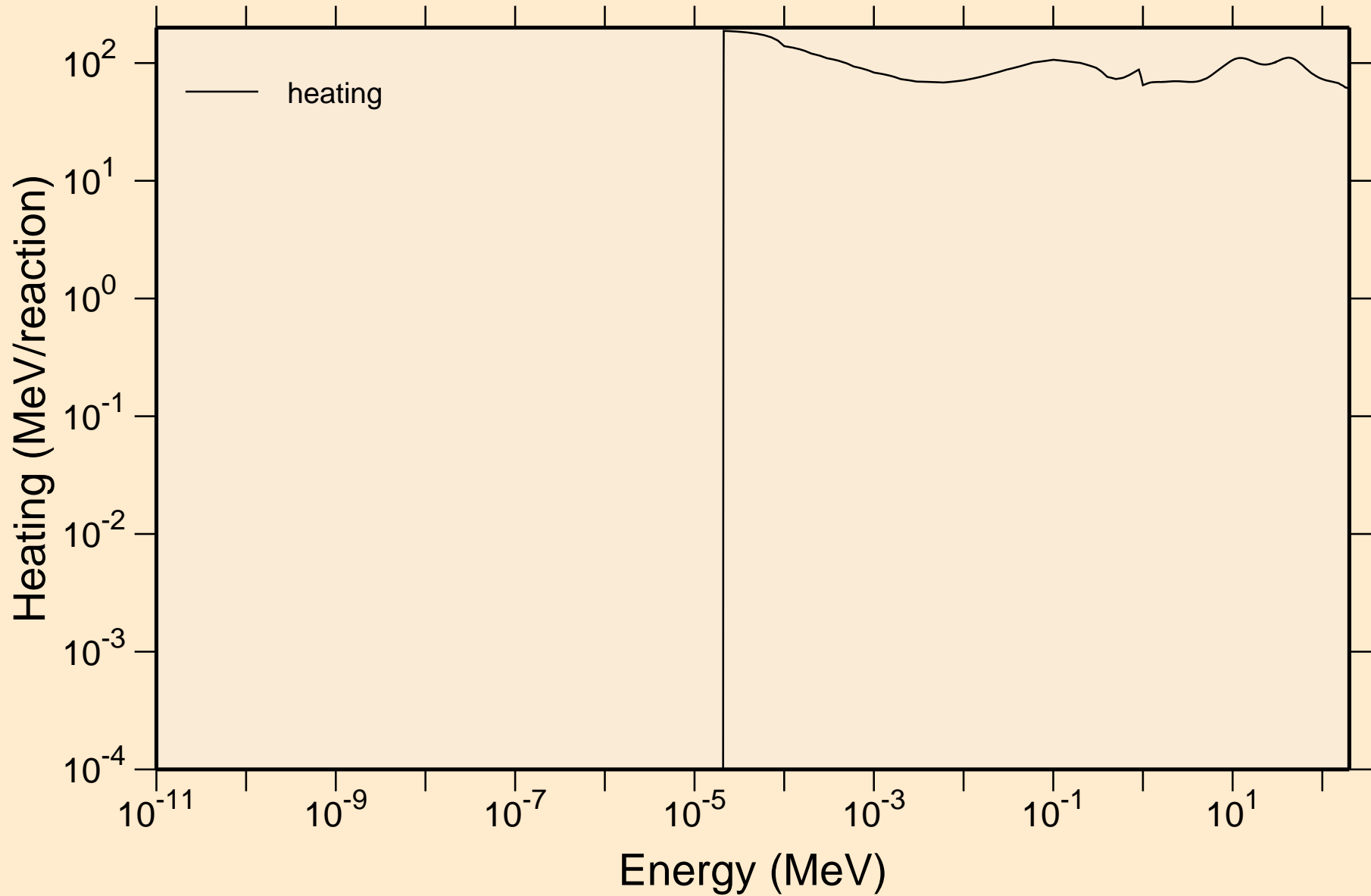


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

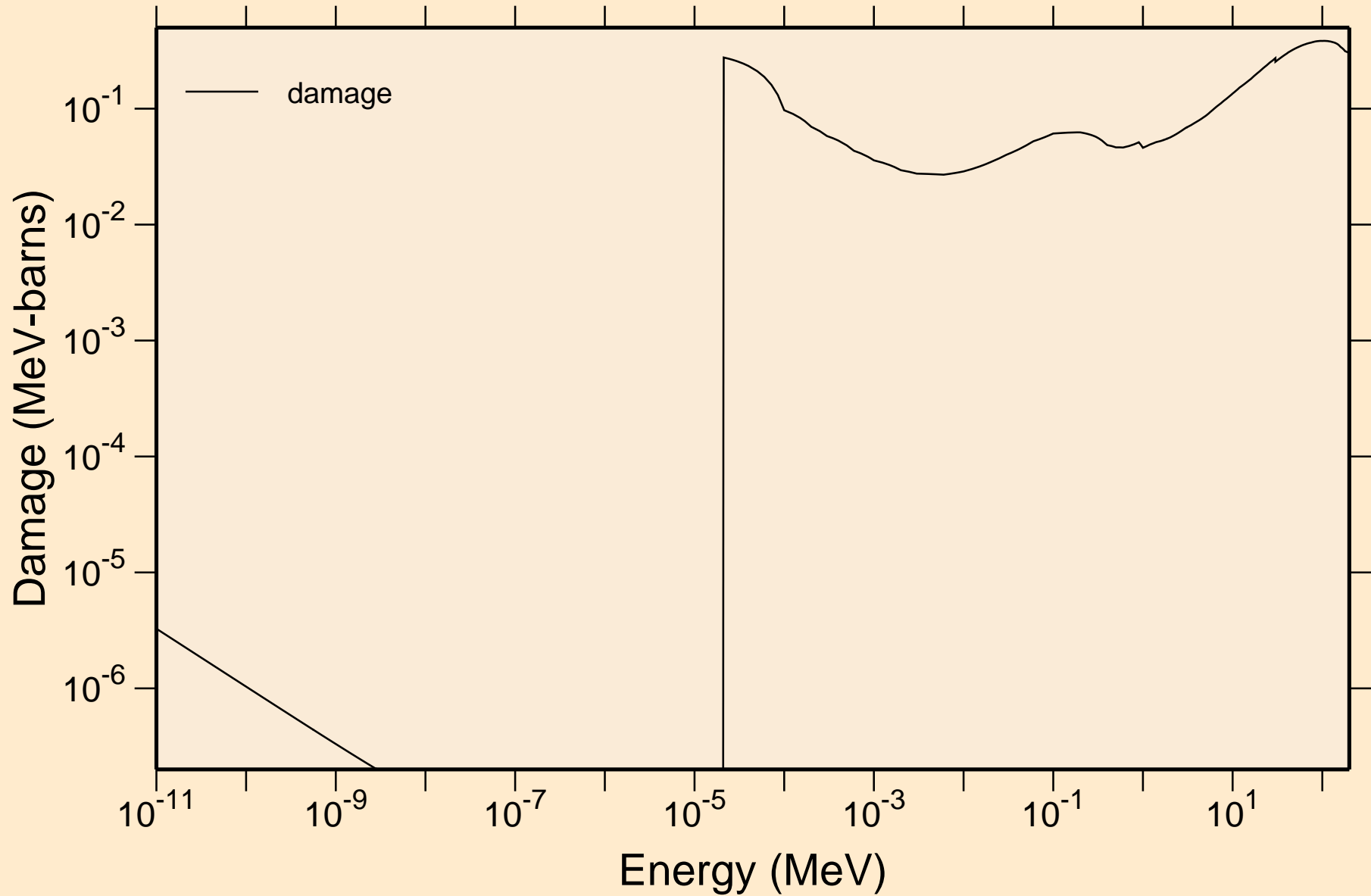


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



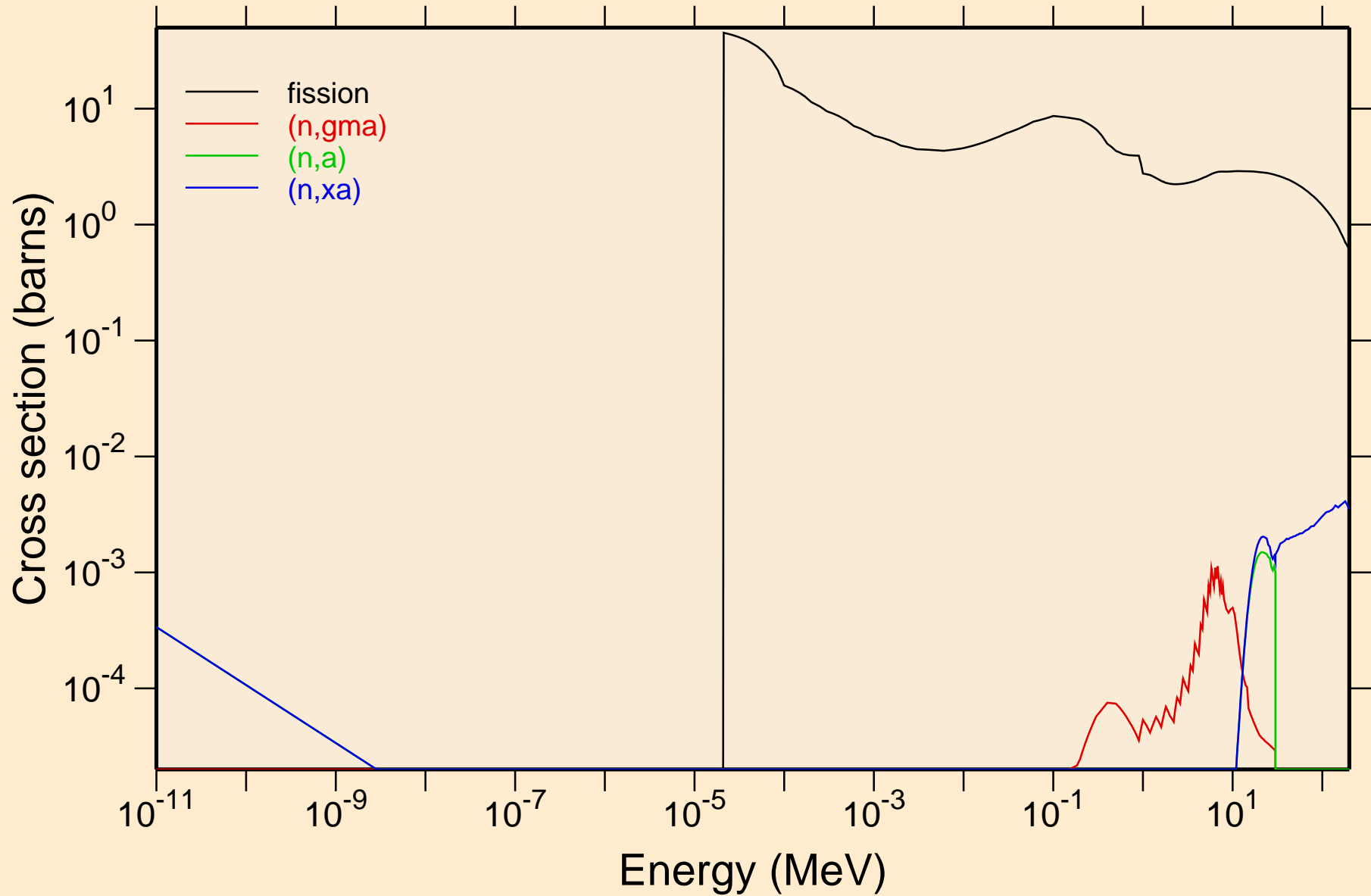
# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage



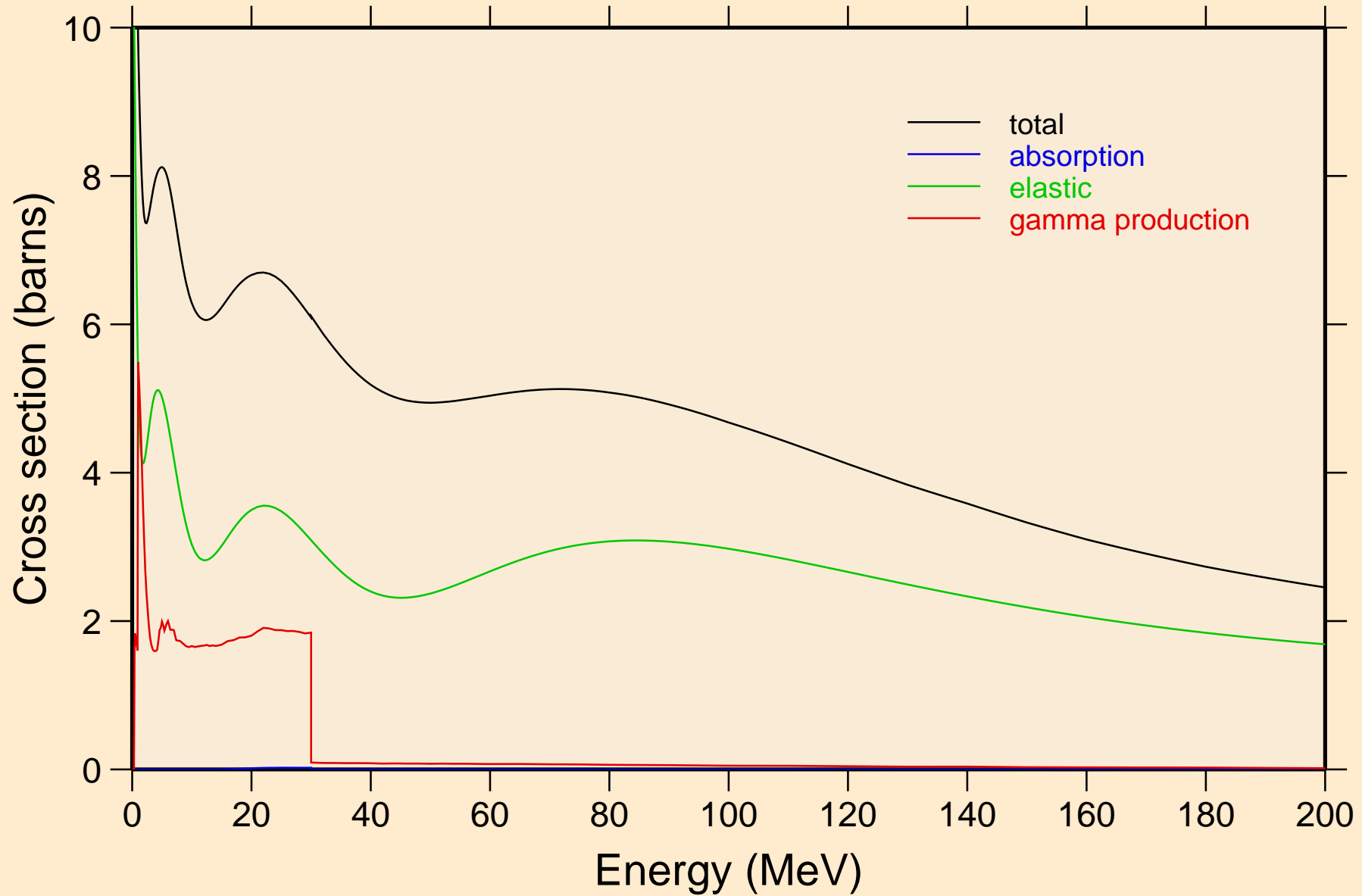
# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

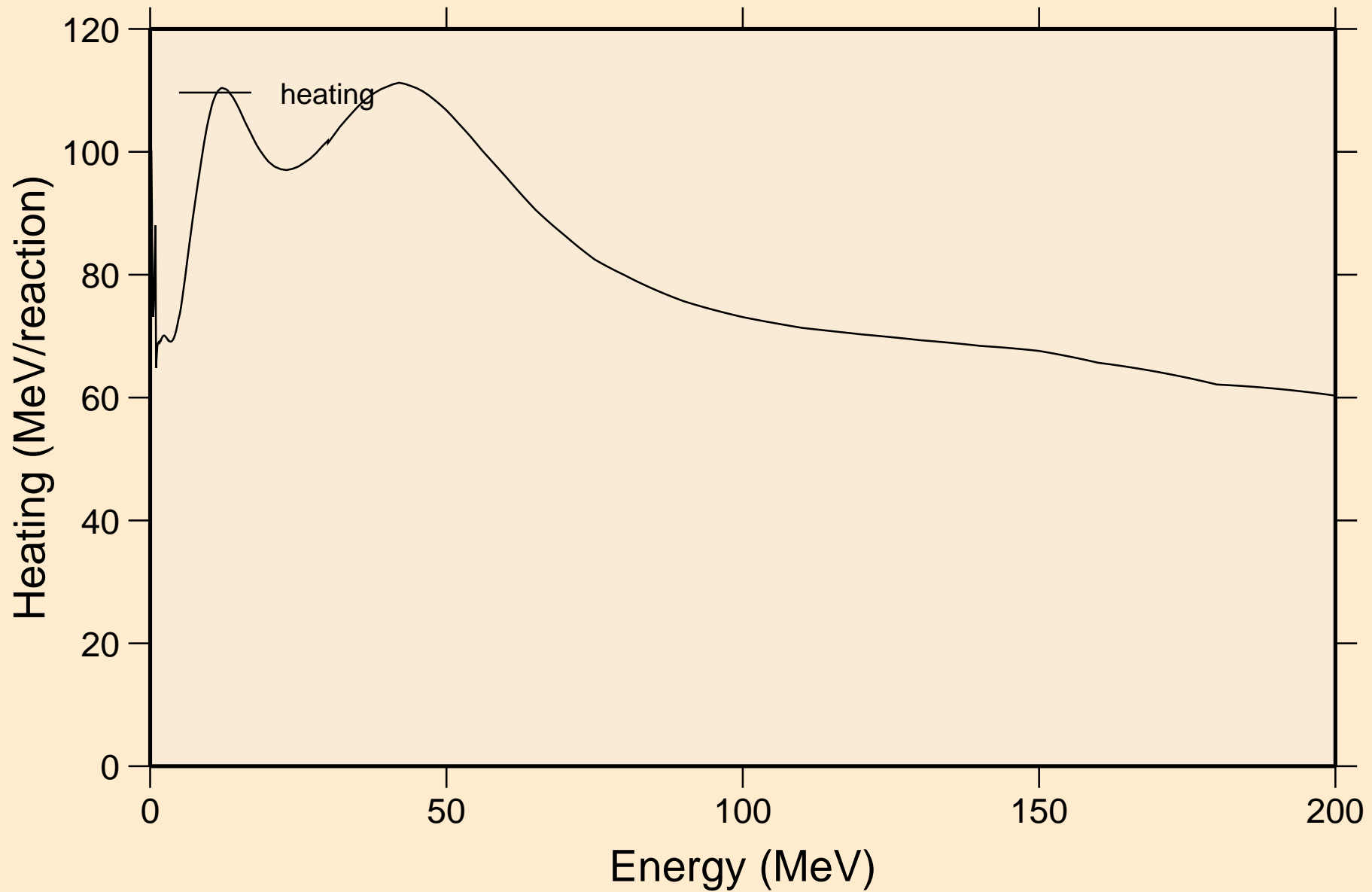


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections

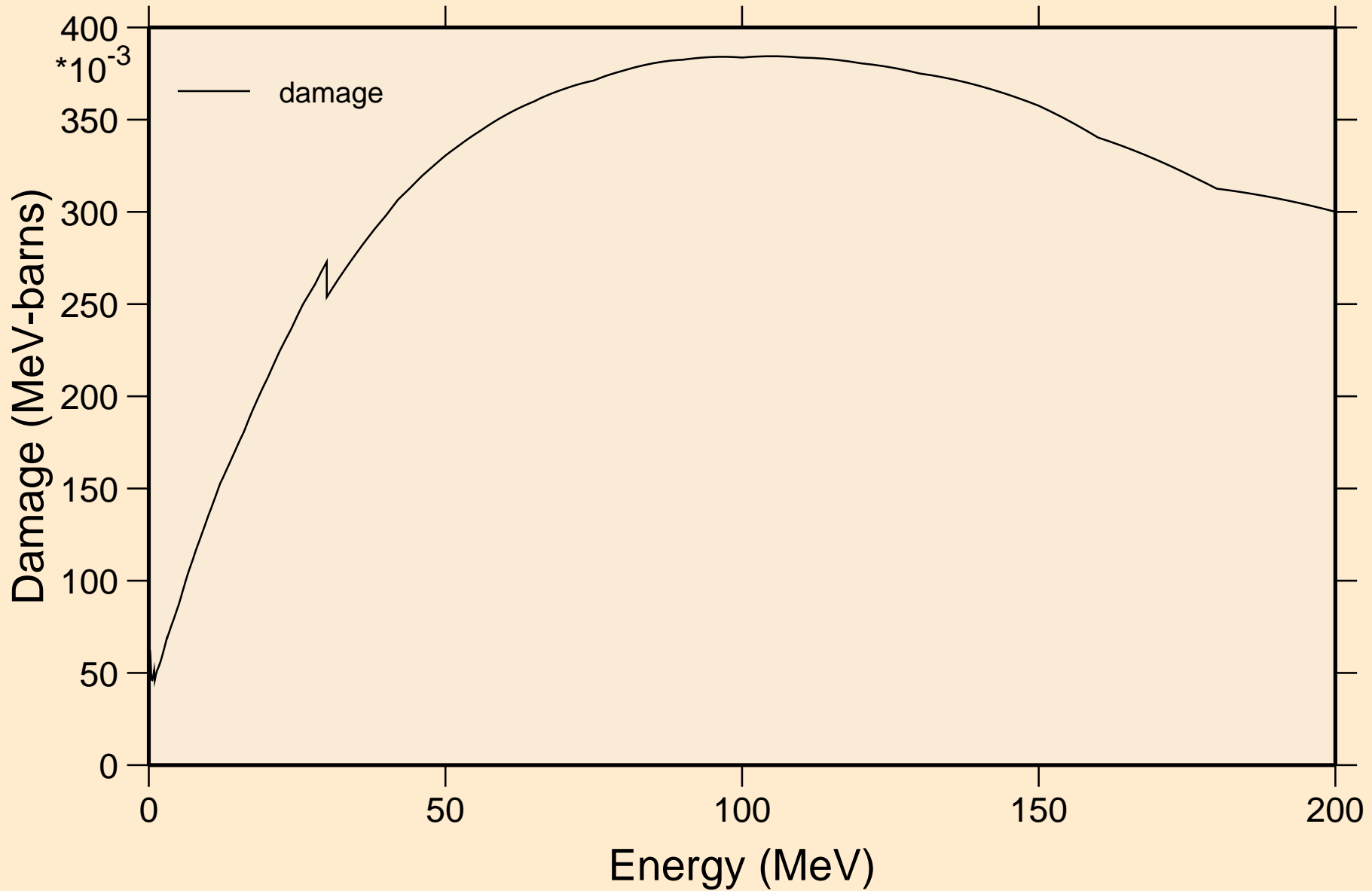


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



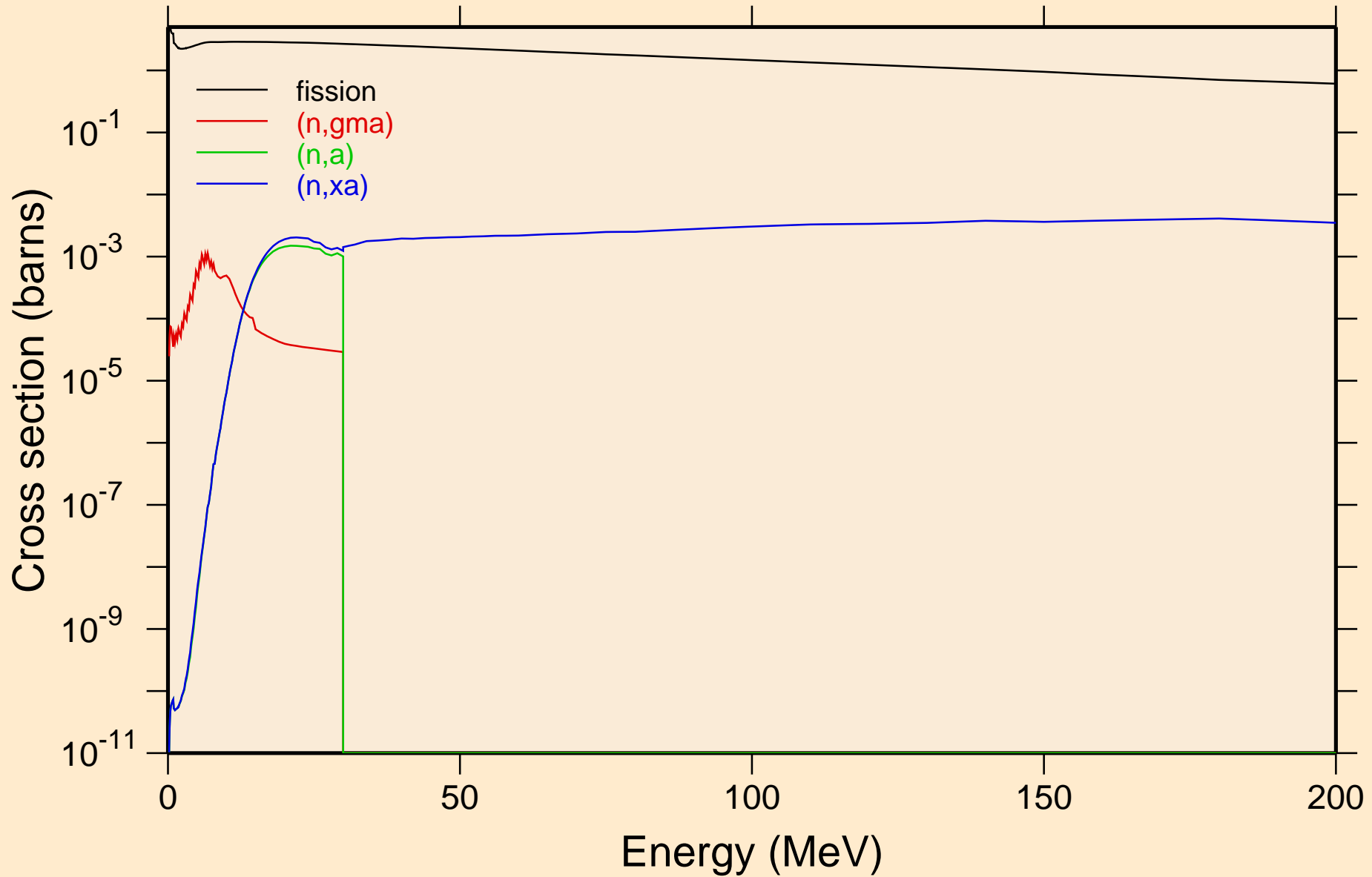
# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

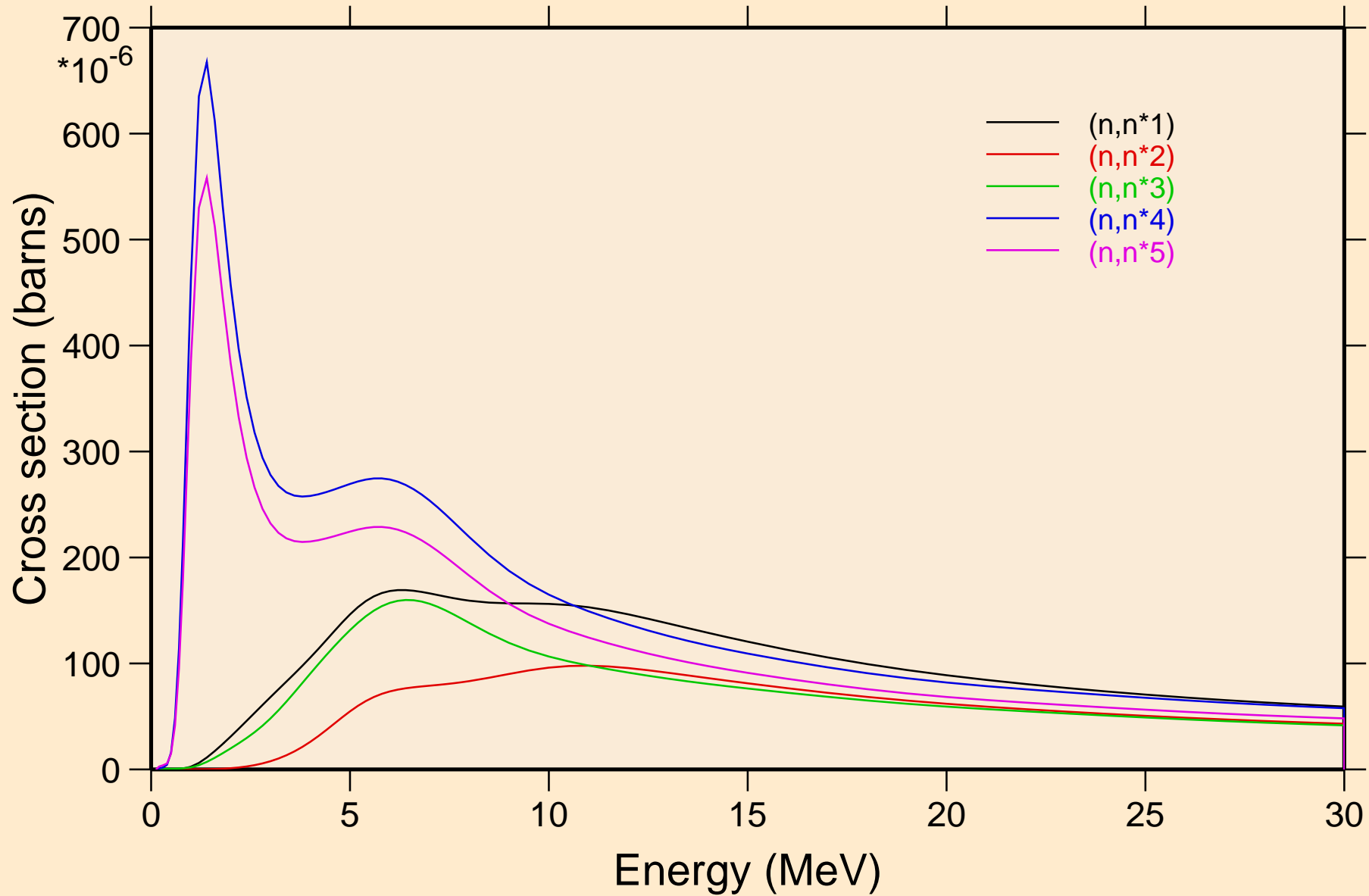


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

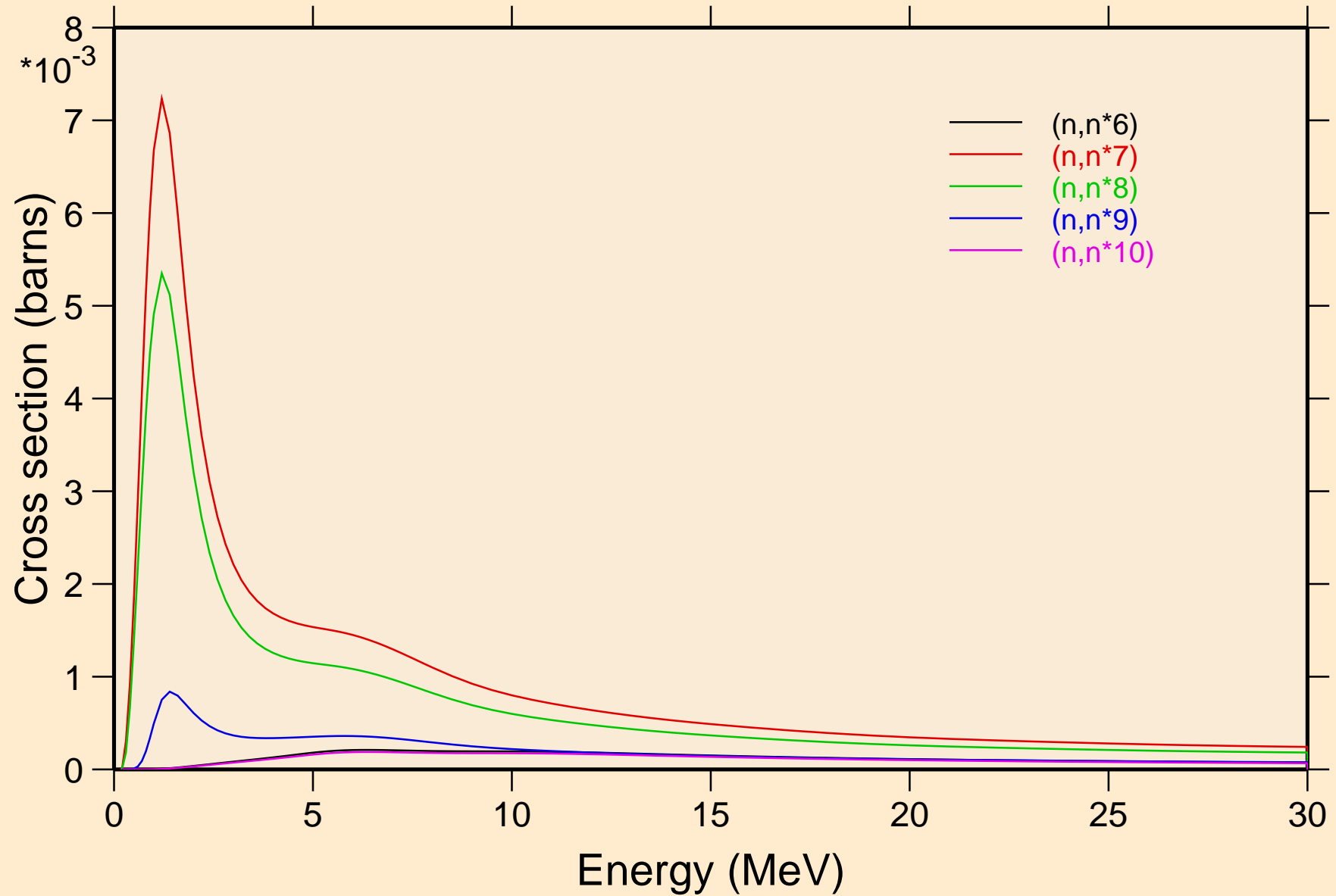


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

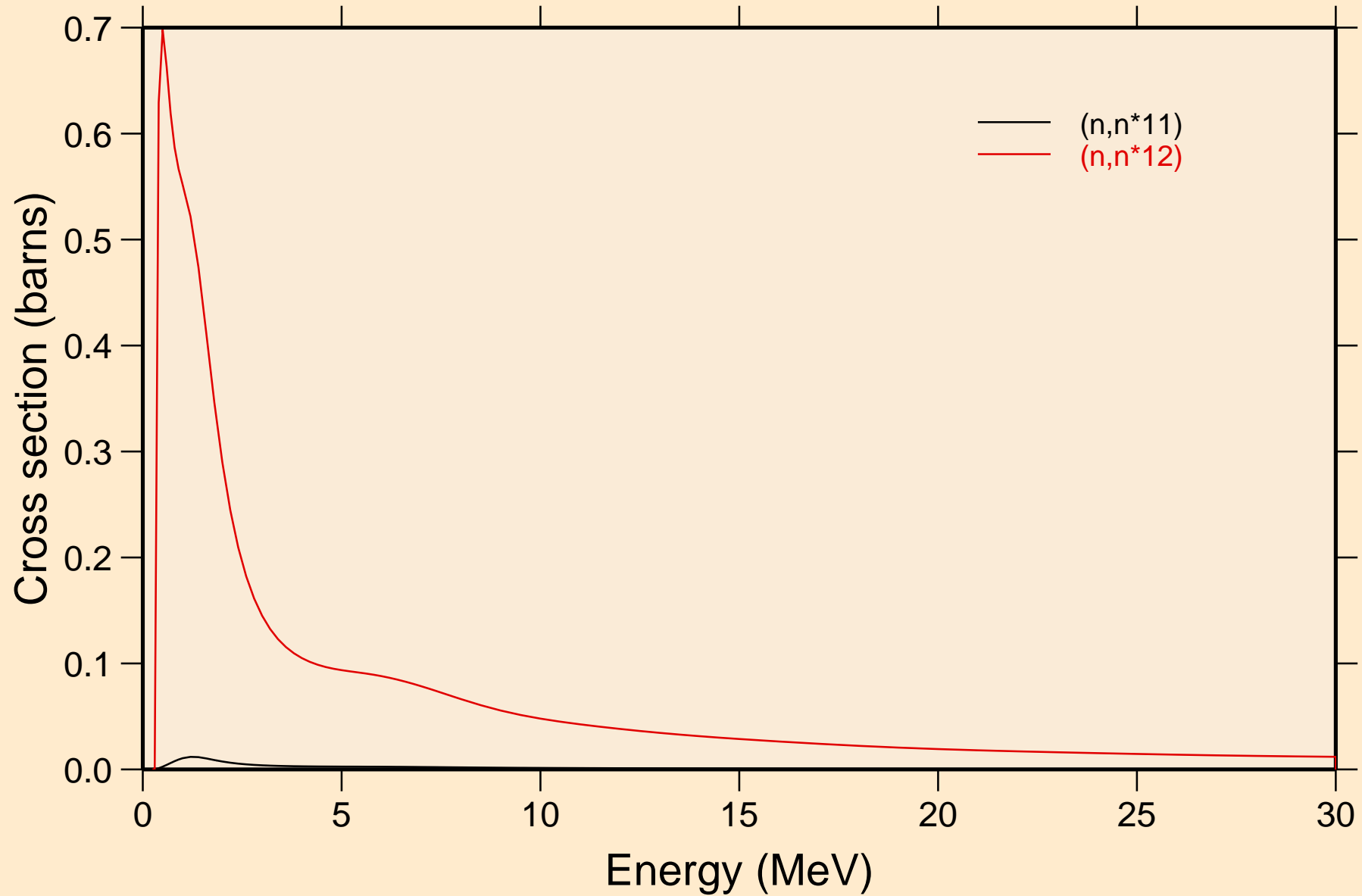


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

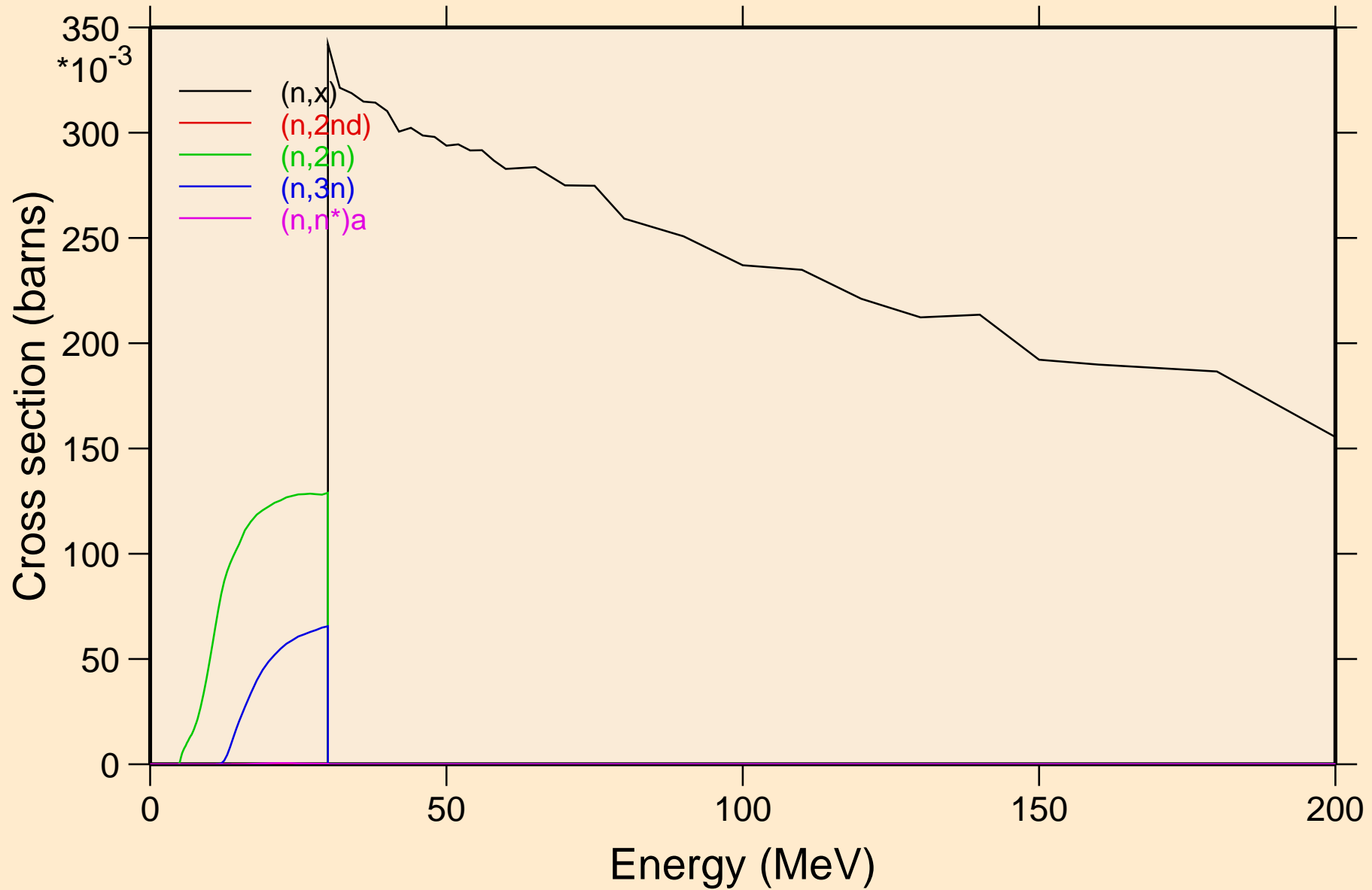


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

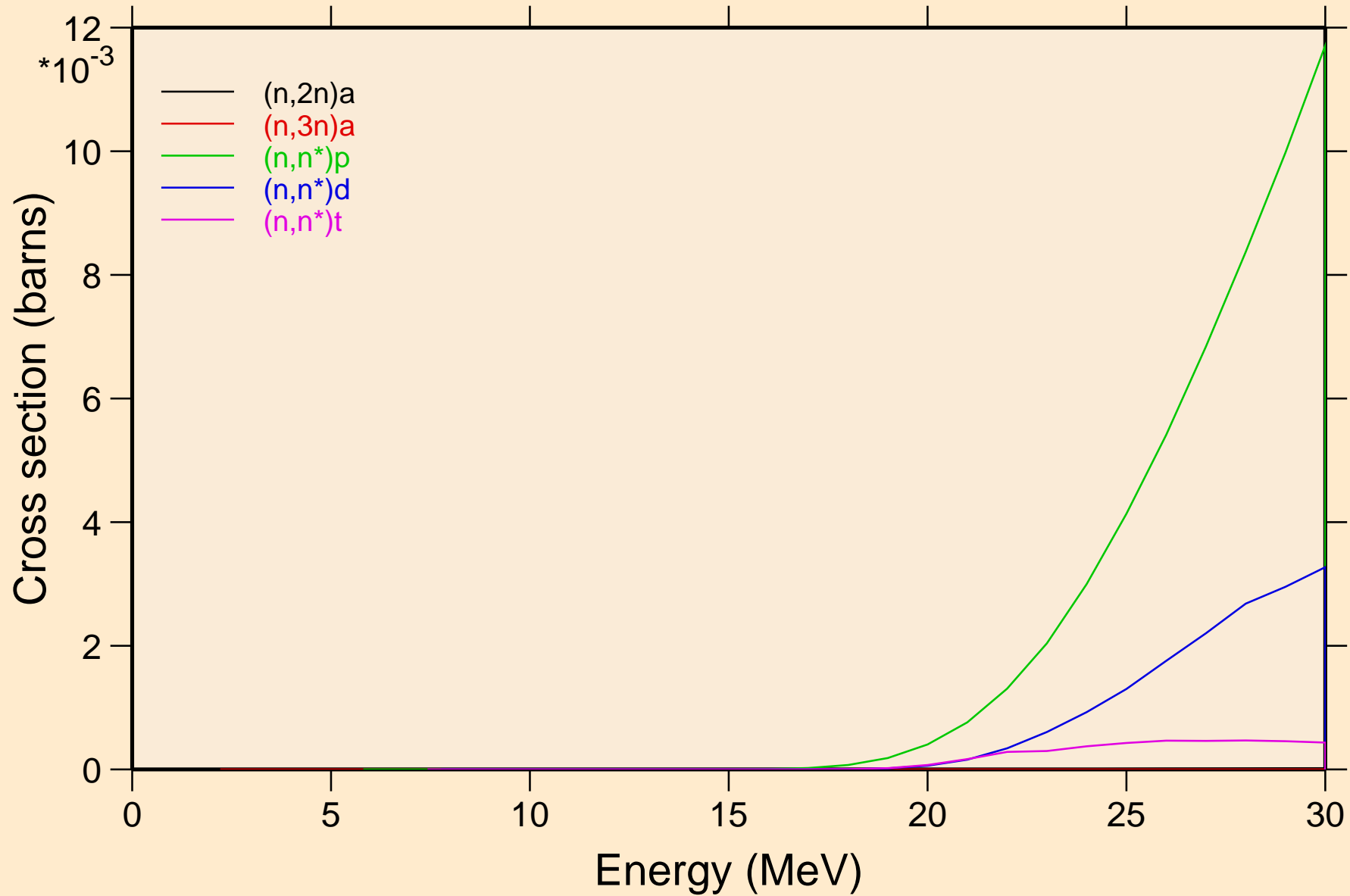


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

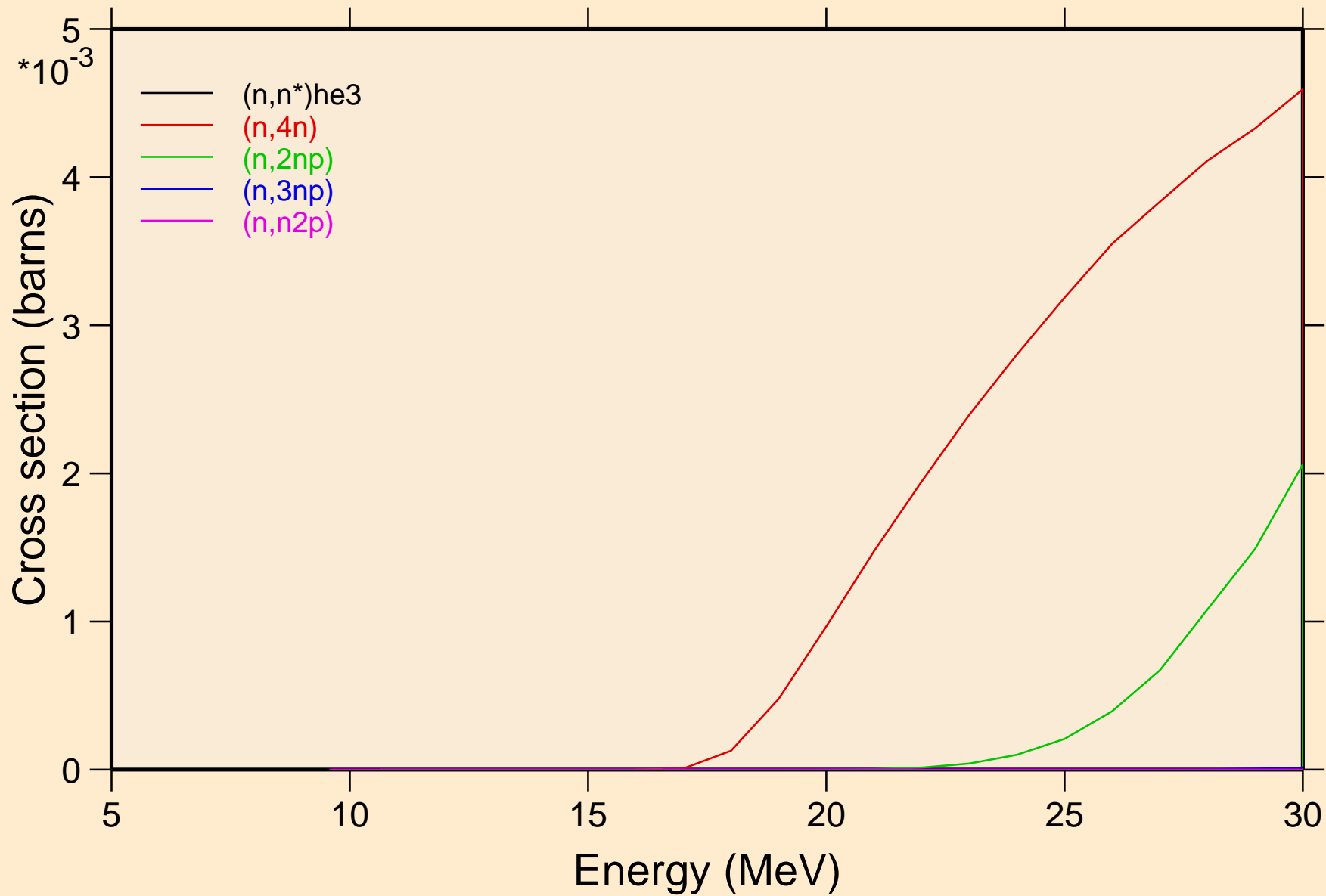


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

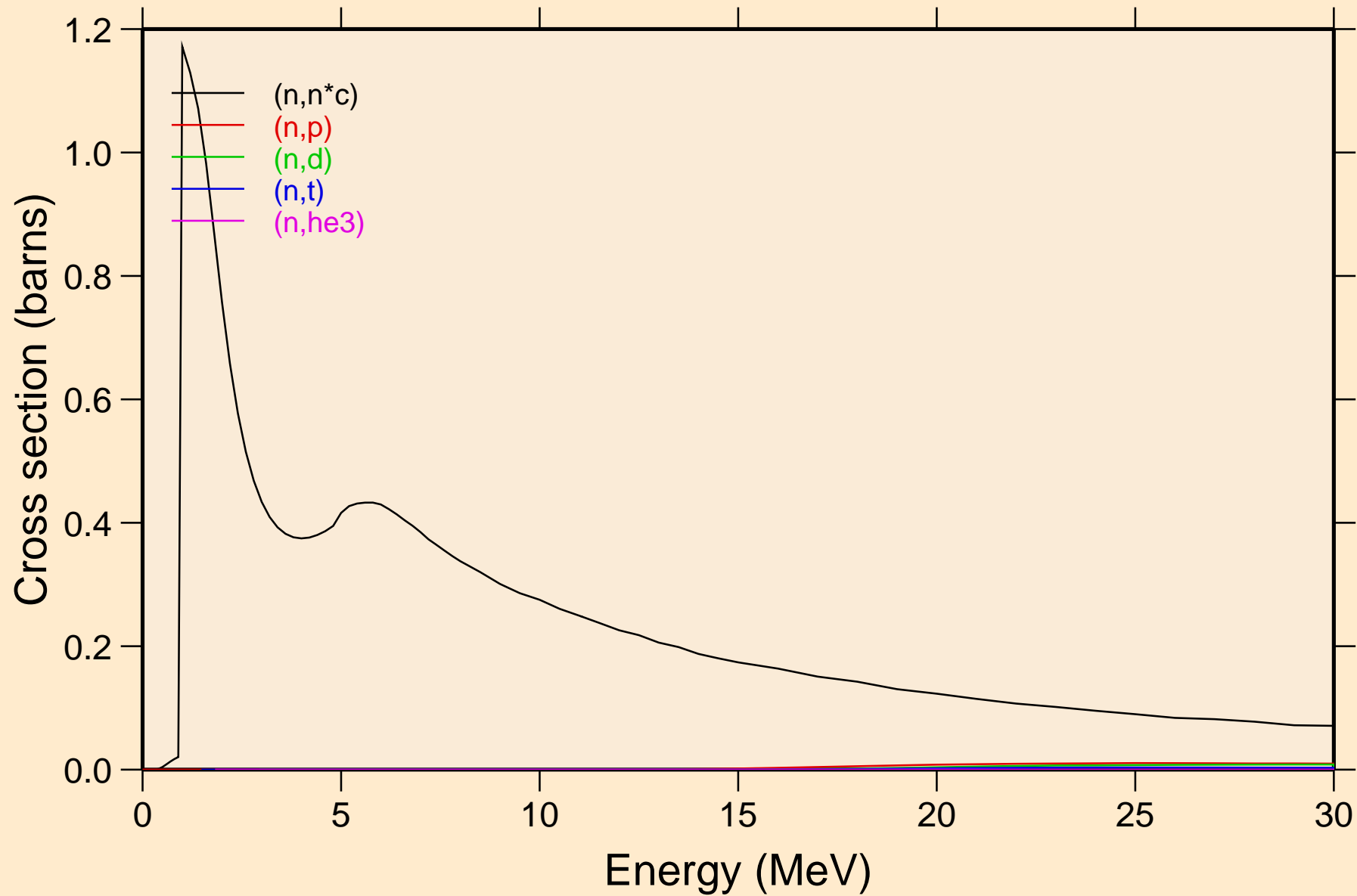


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

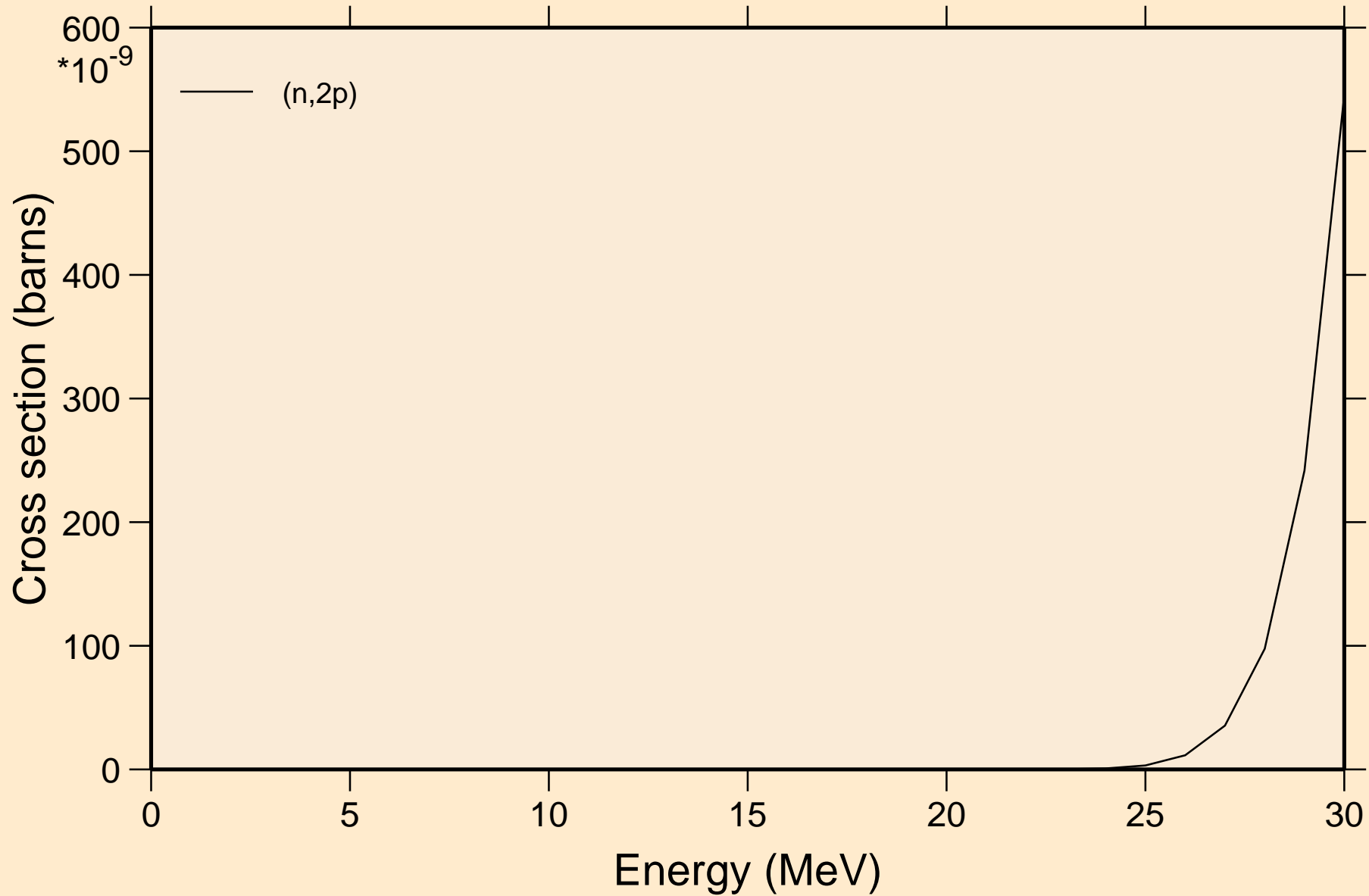
## Threshold reactions



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

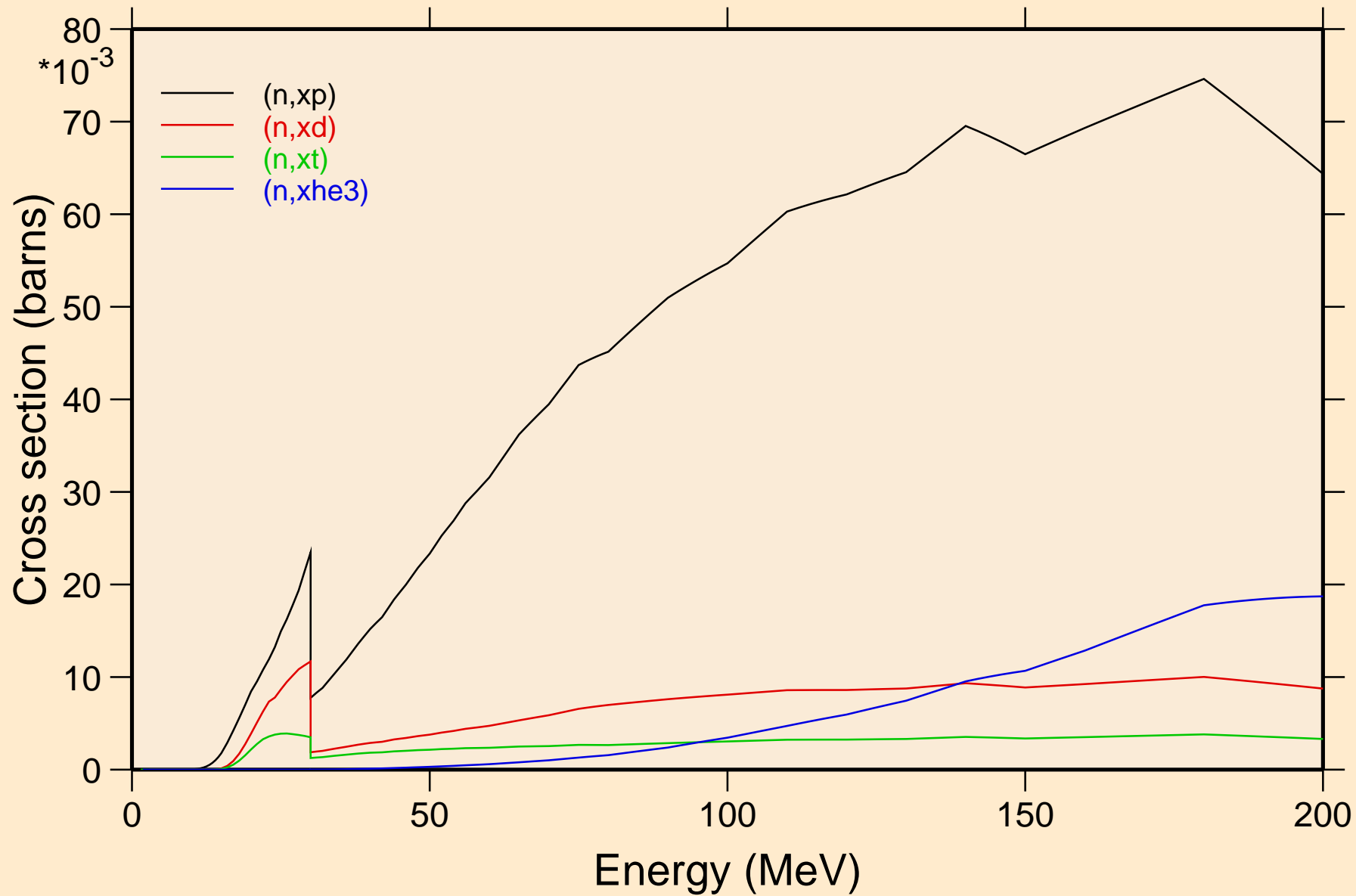


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

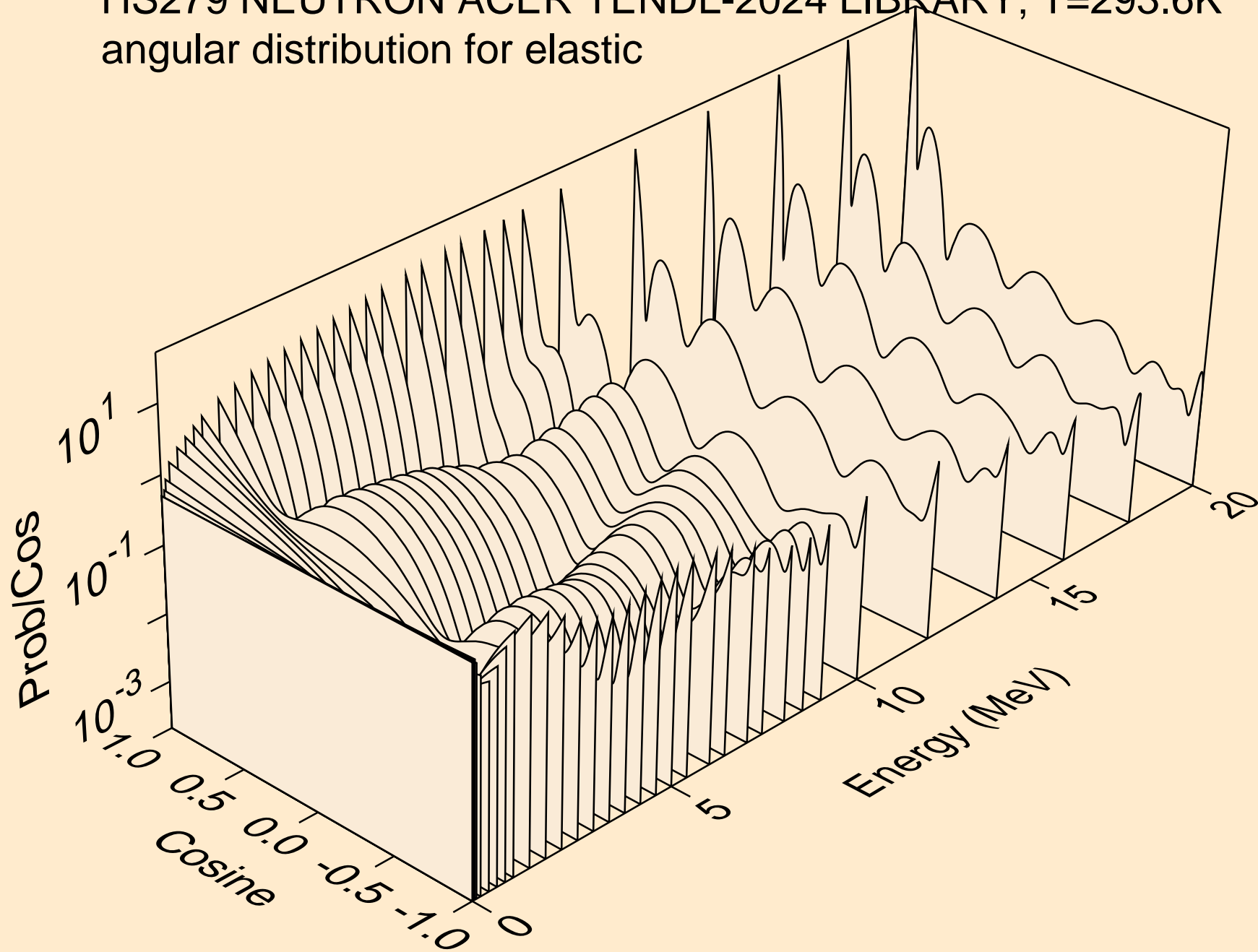


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

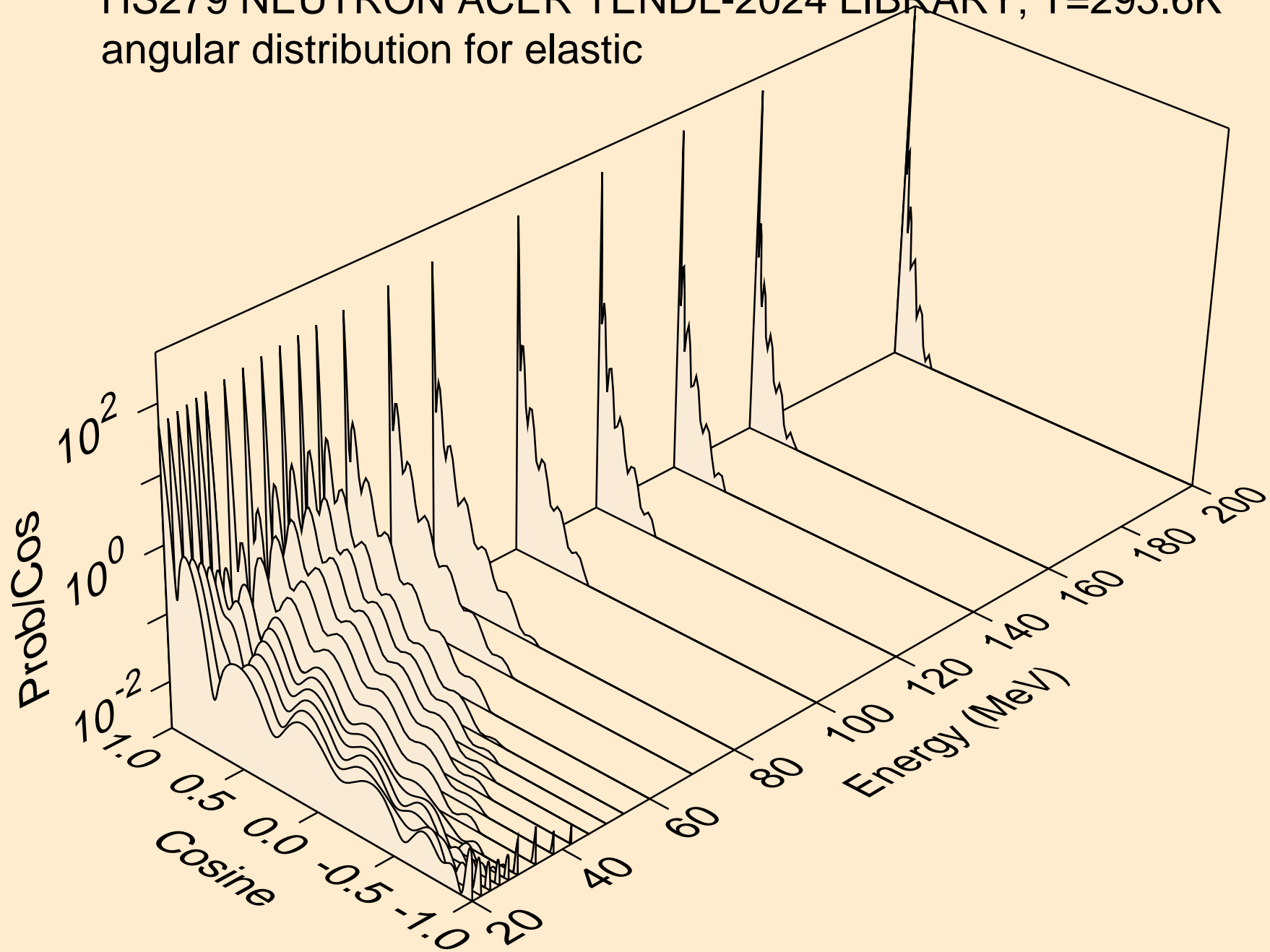
## Threshold reactions



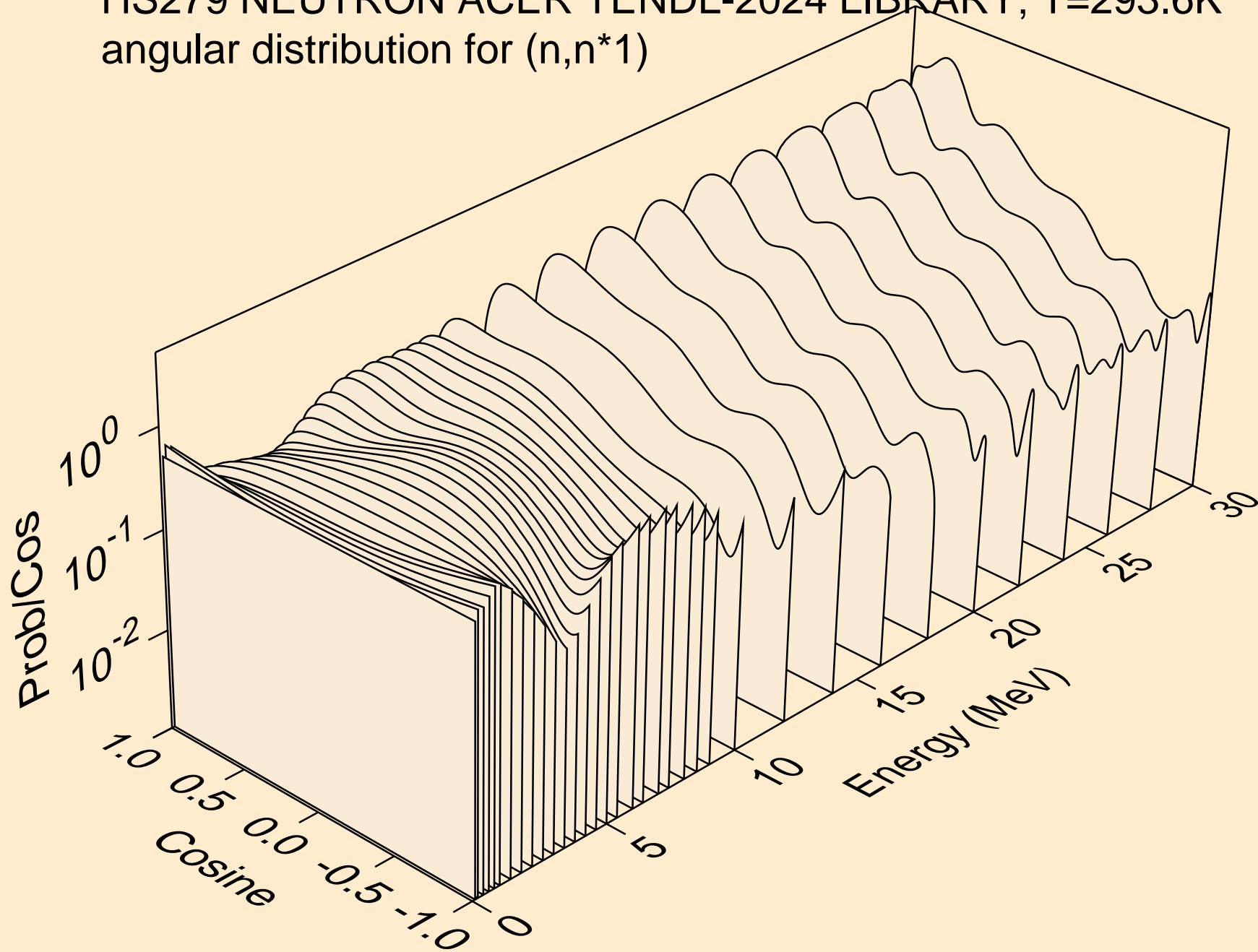
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



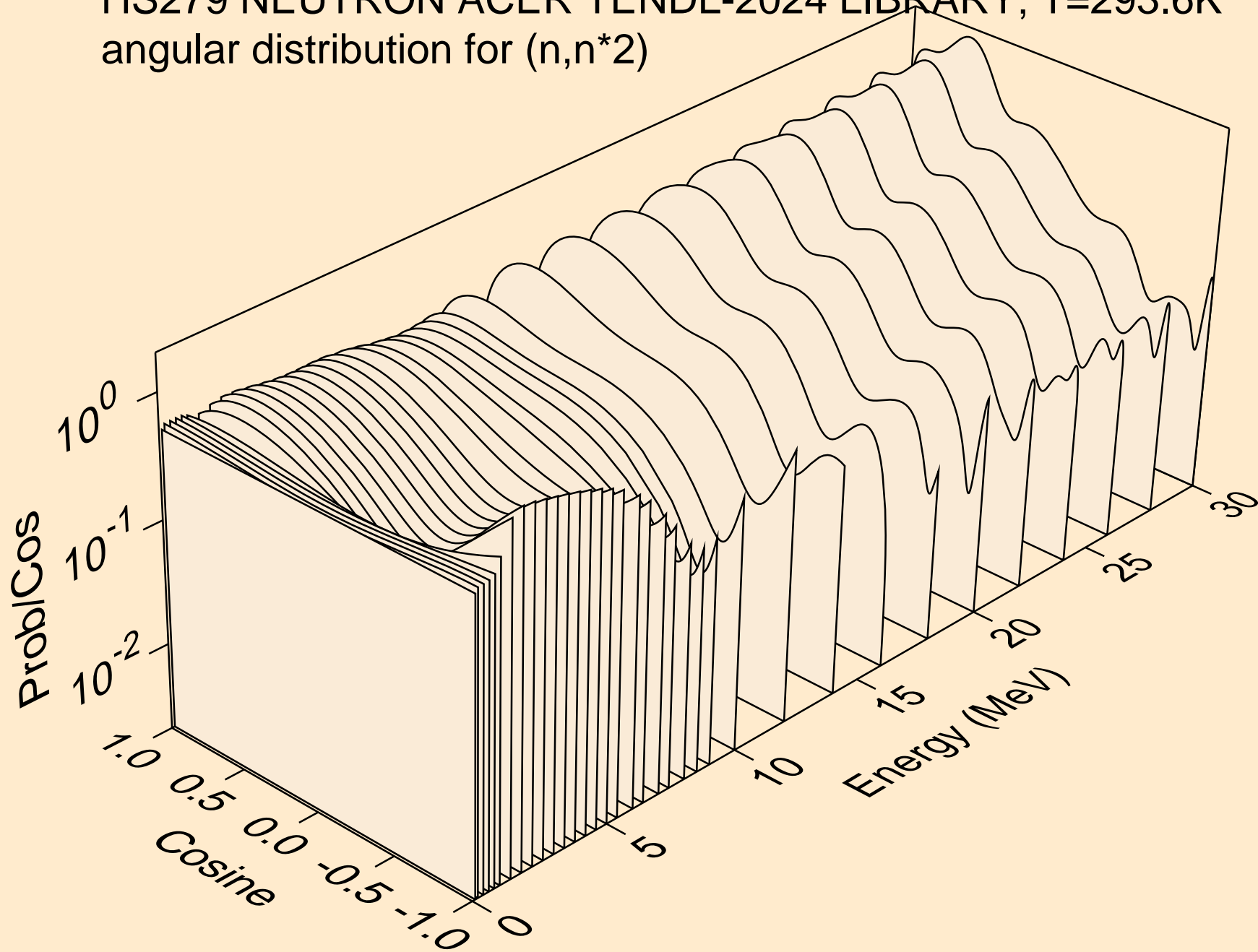
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



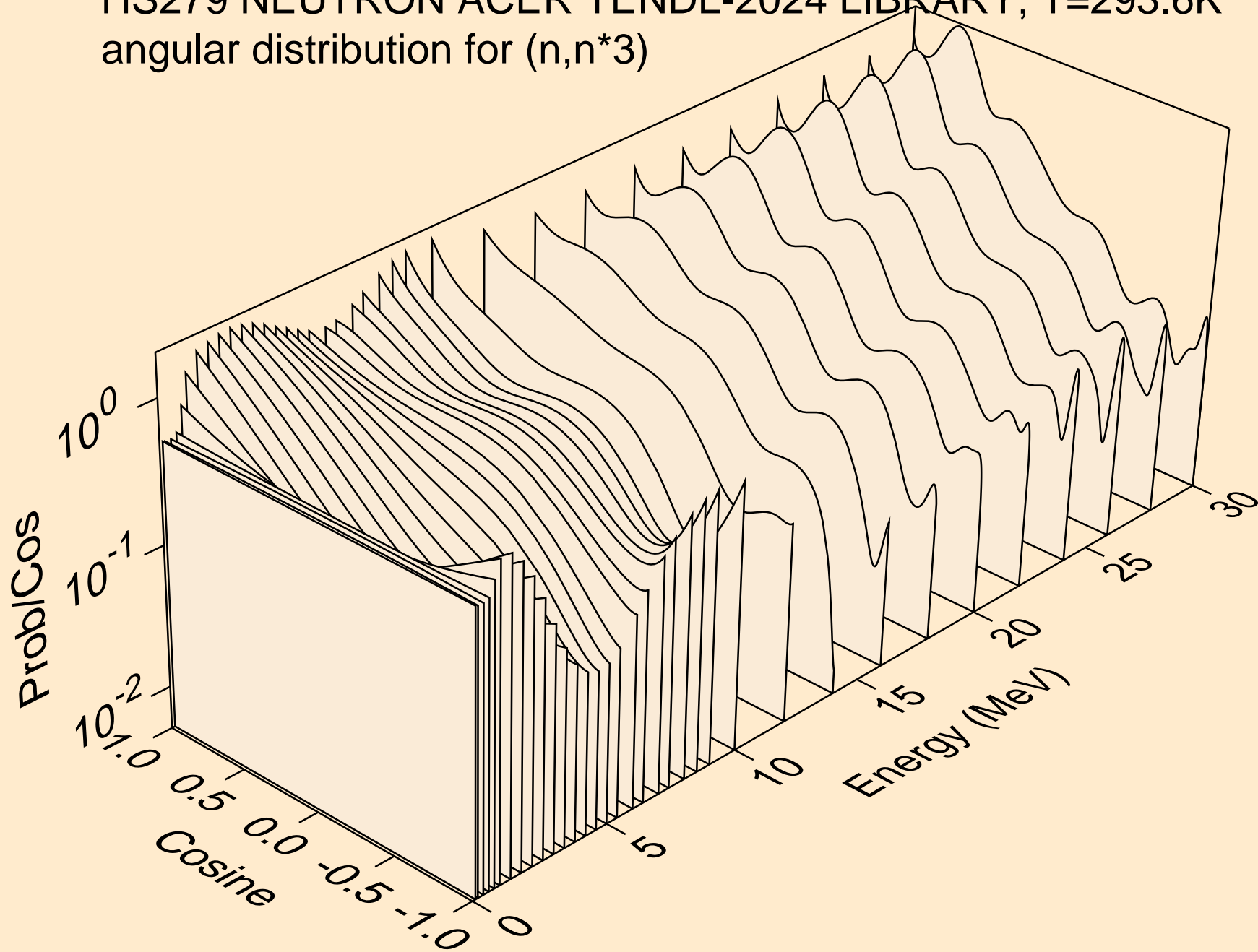
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



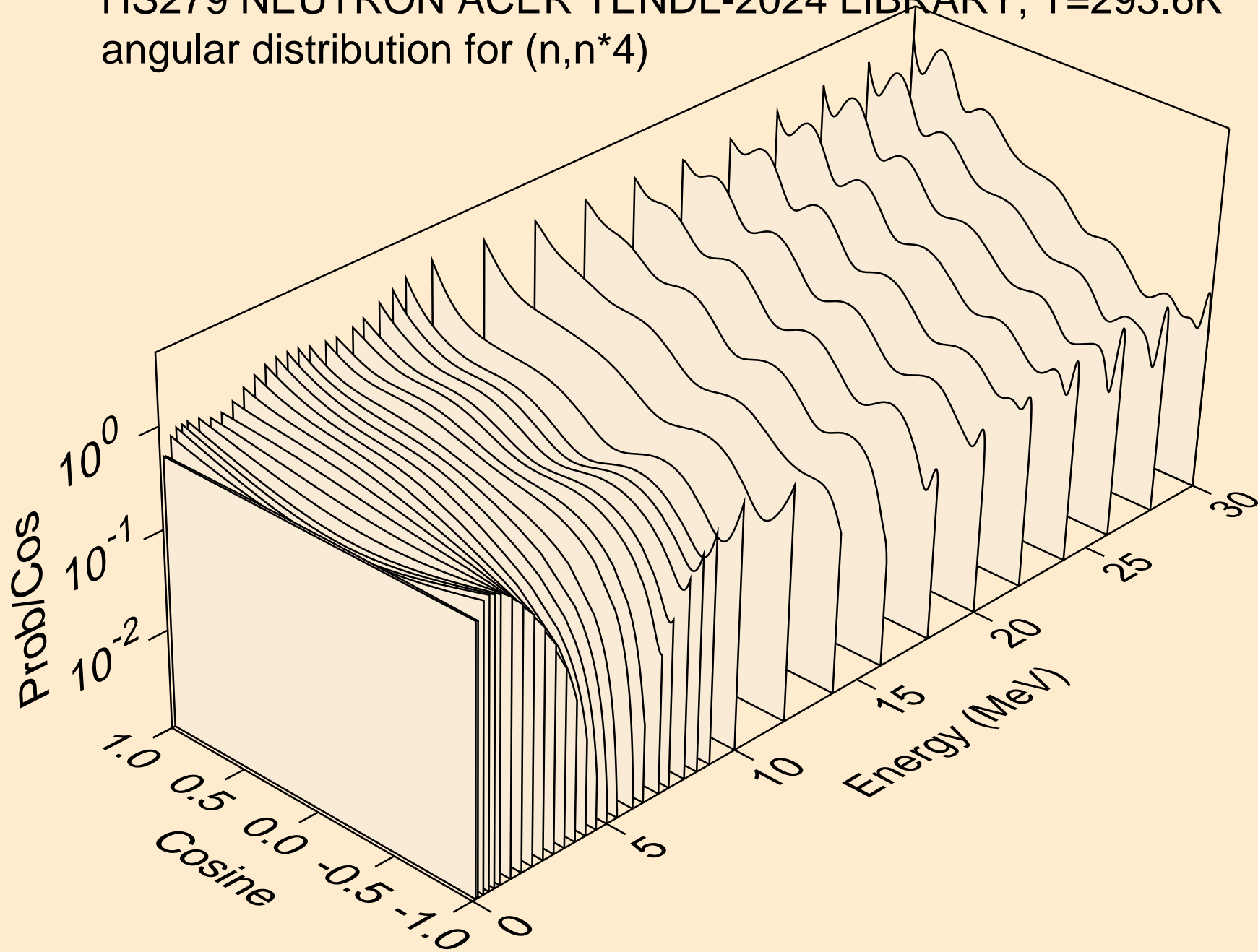
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



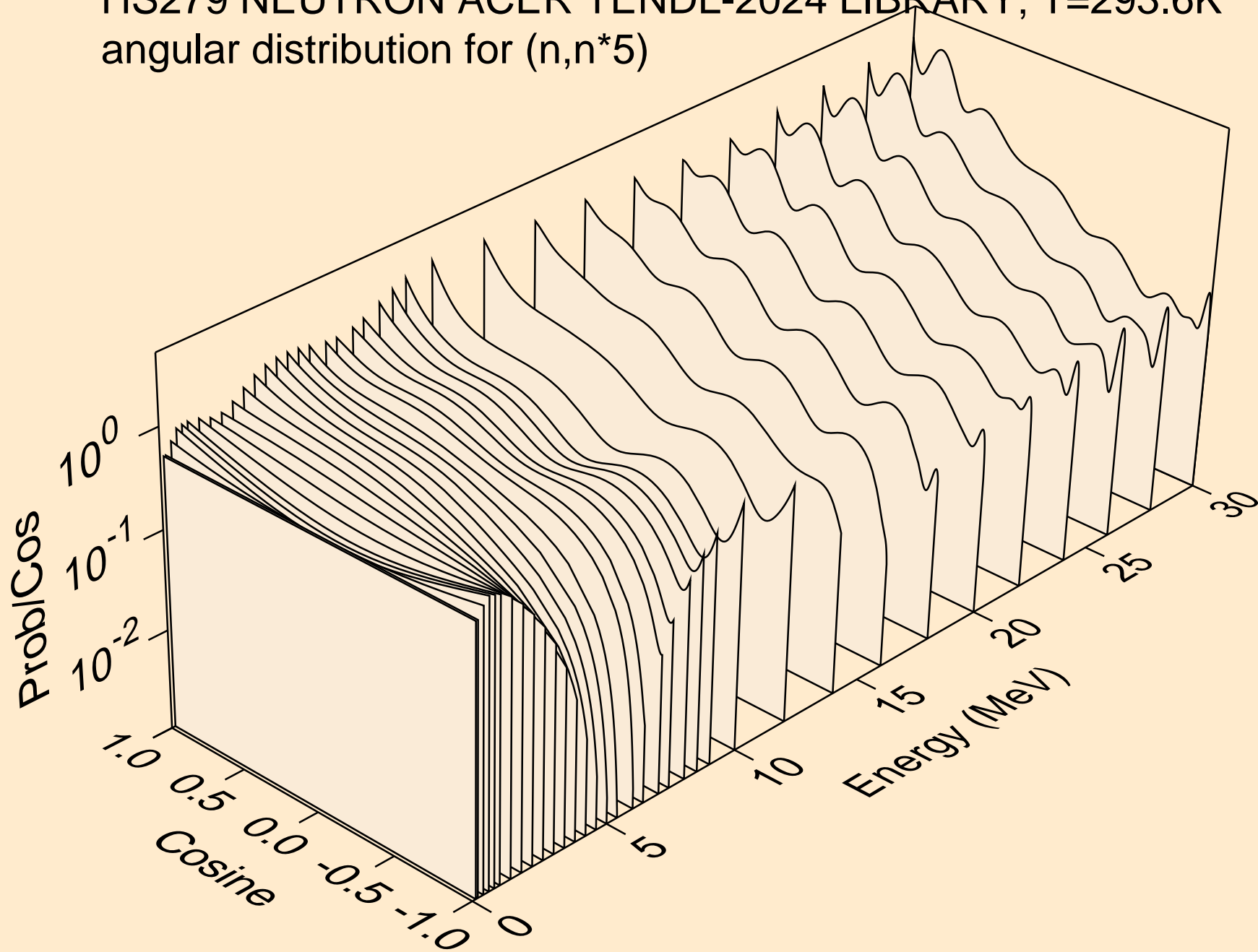
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



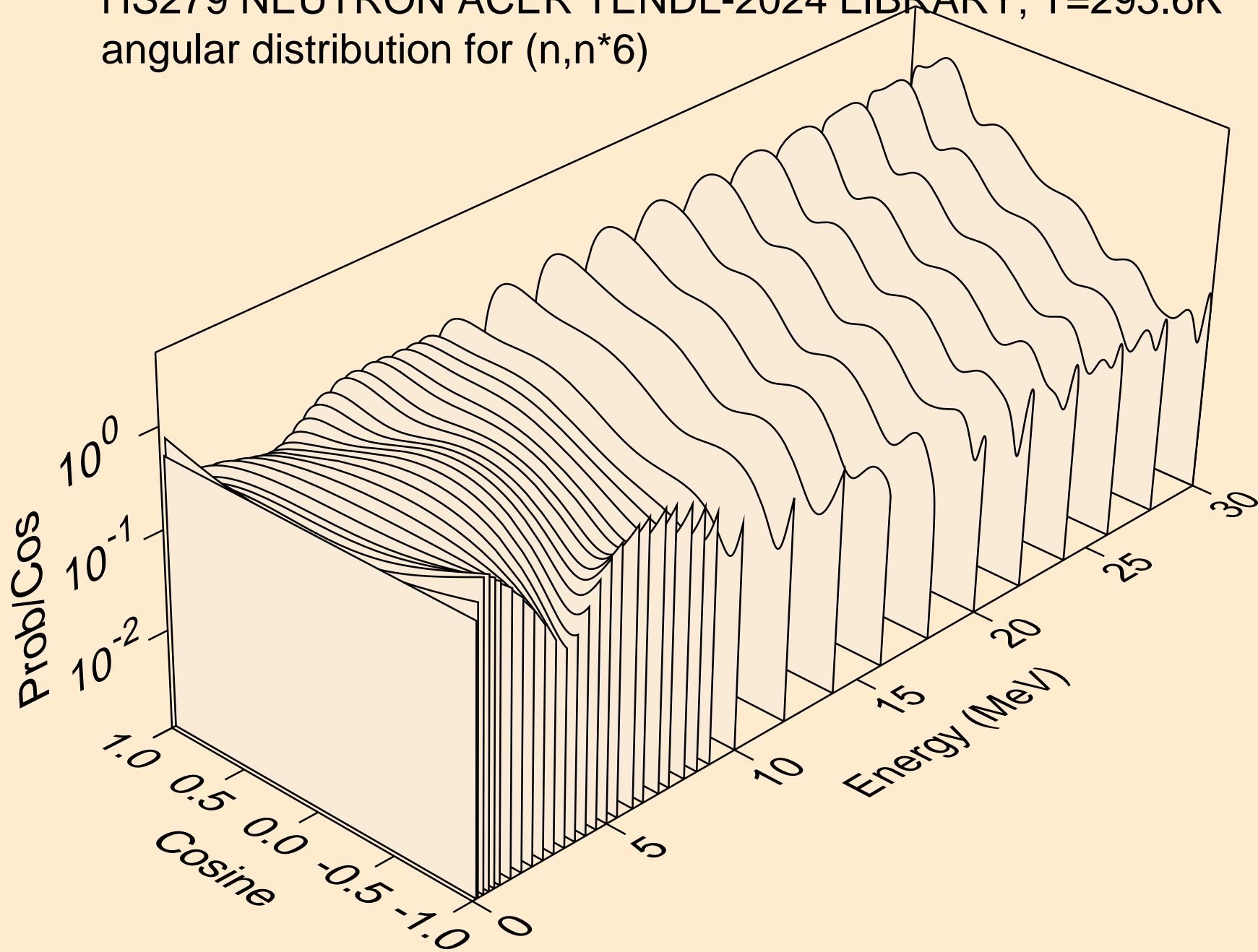
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



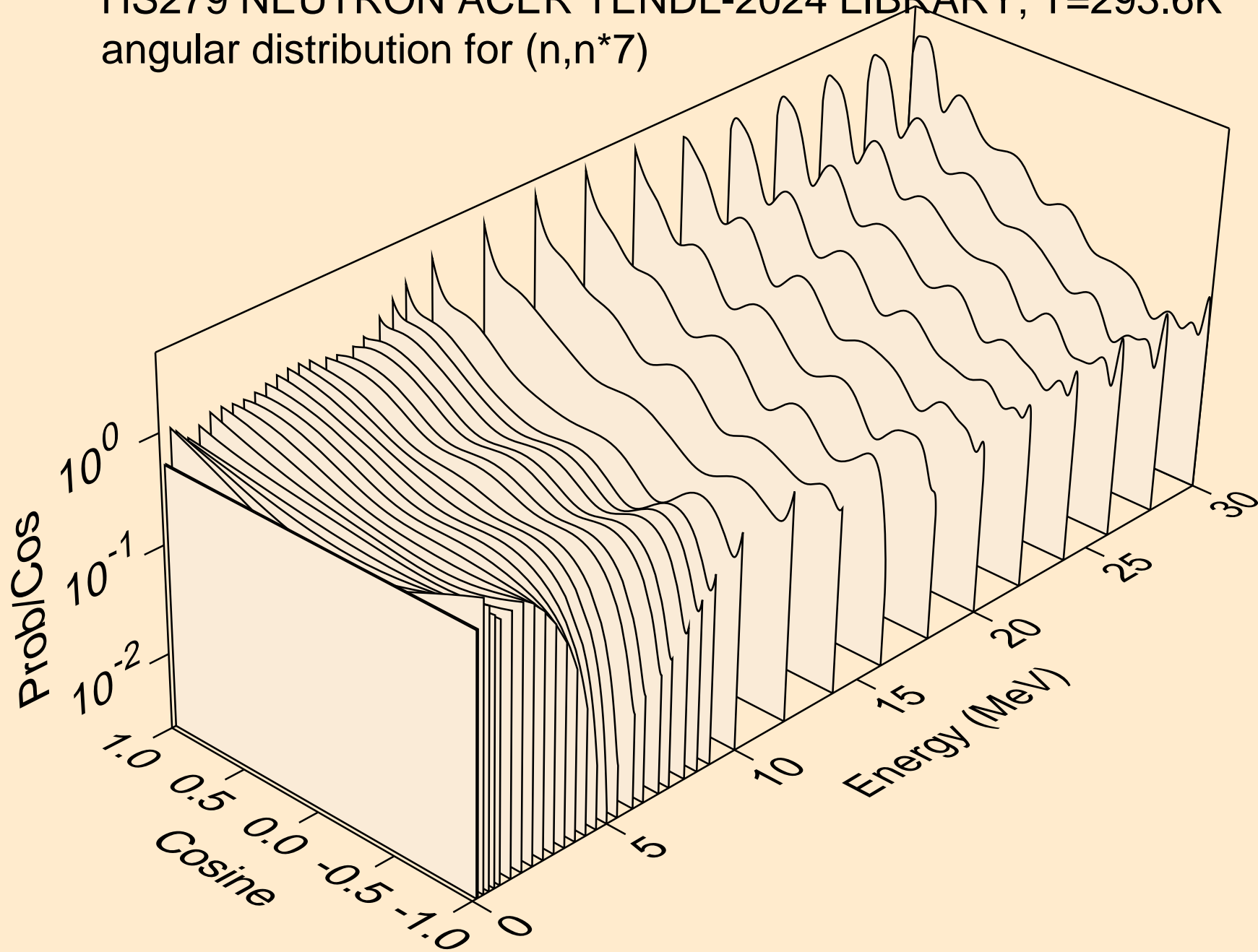
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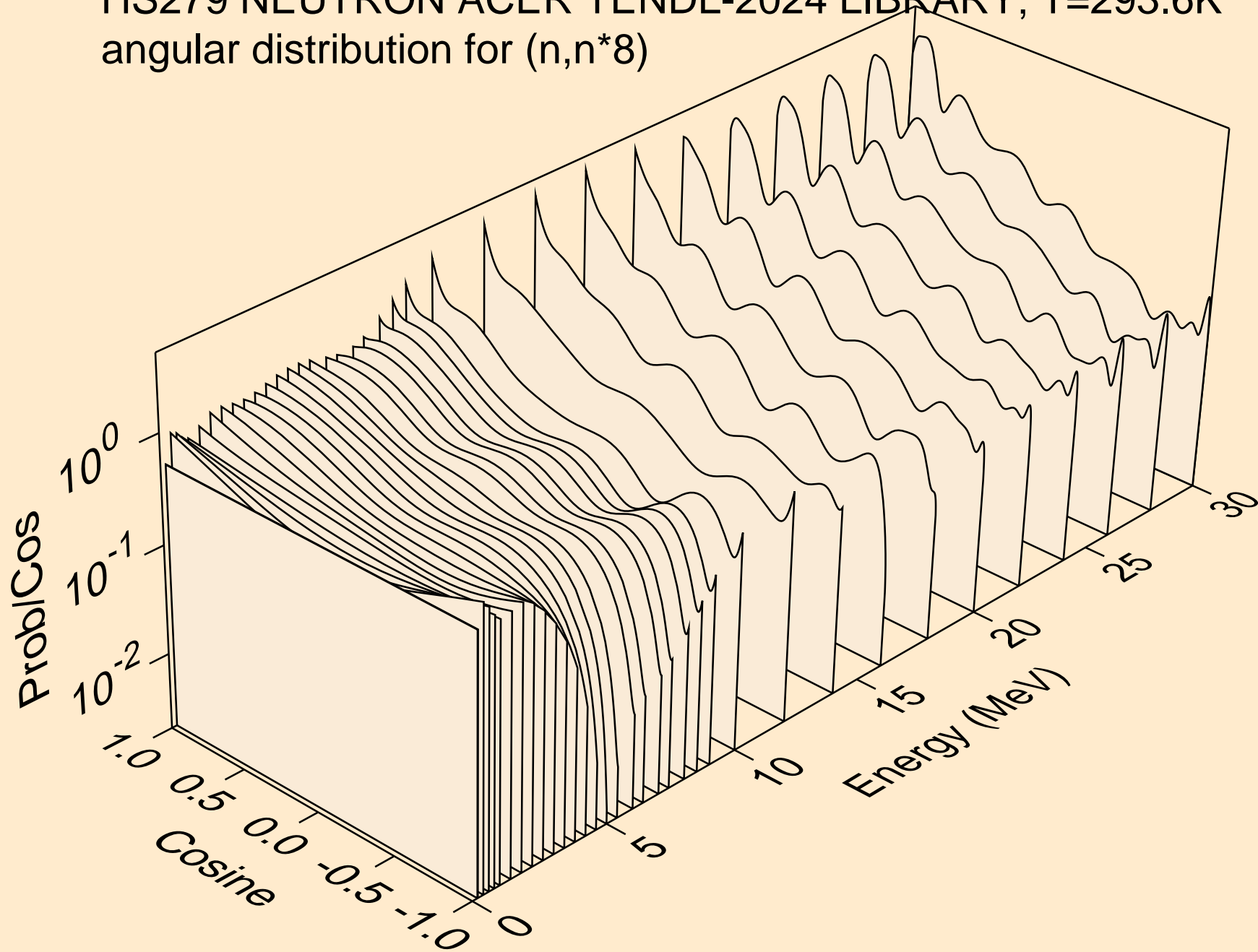
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angular distribution for (n,n\*6)



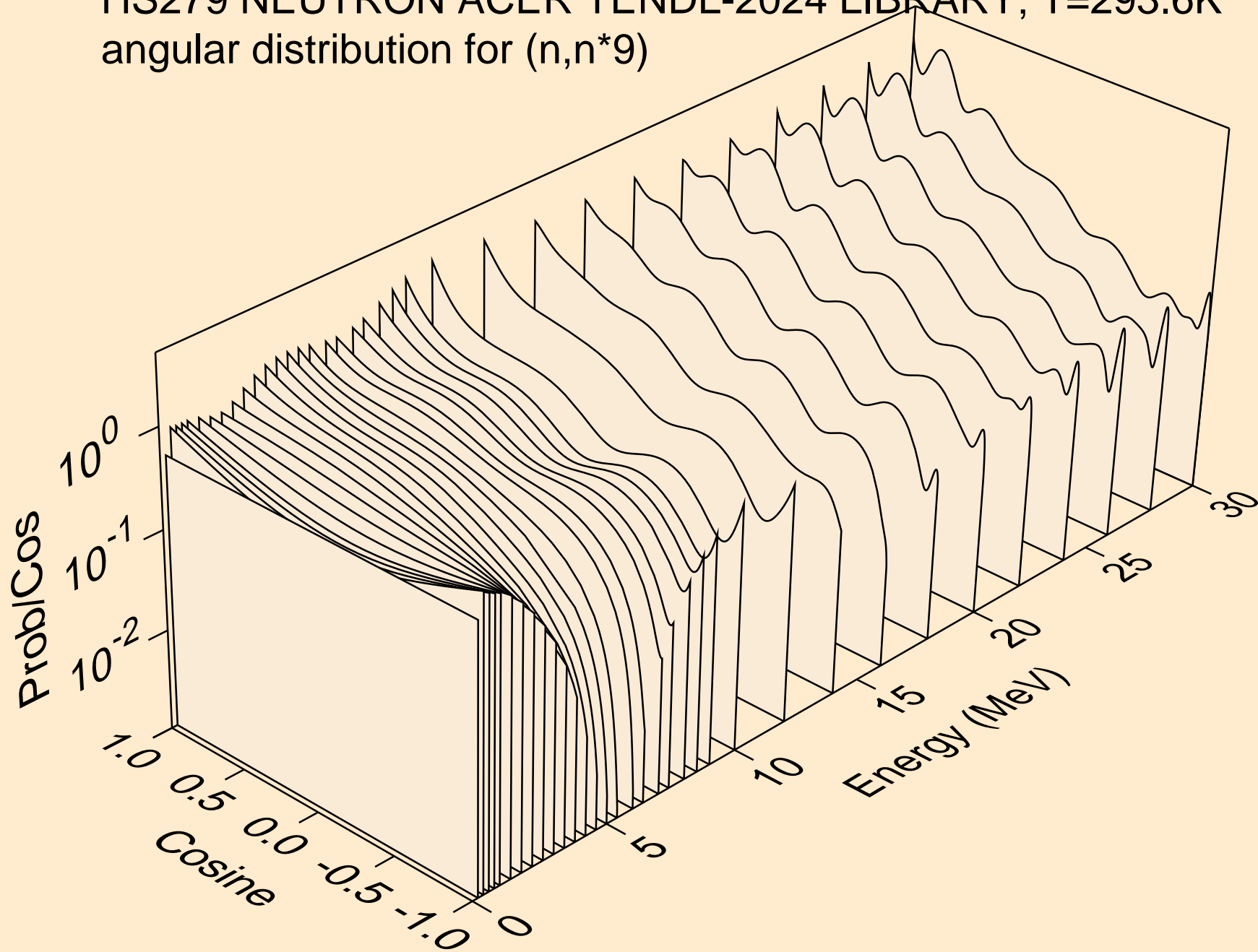
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



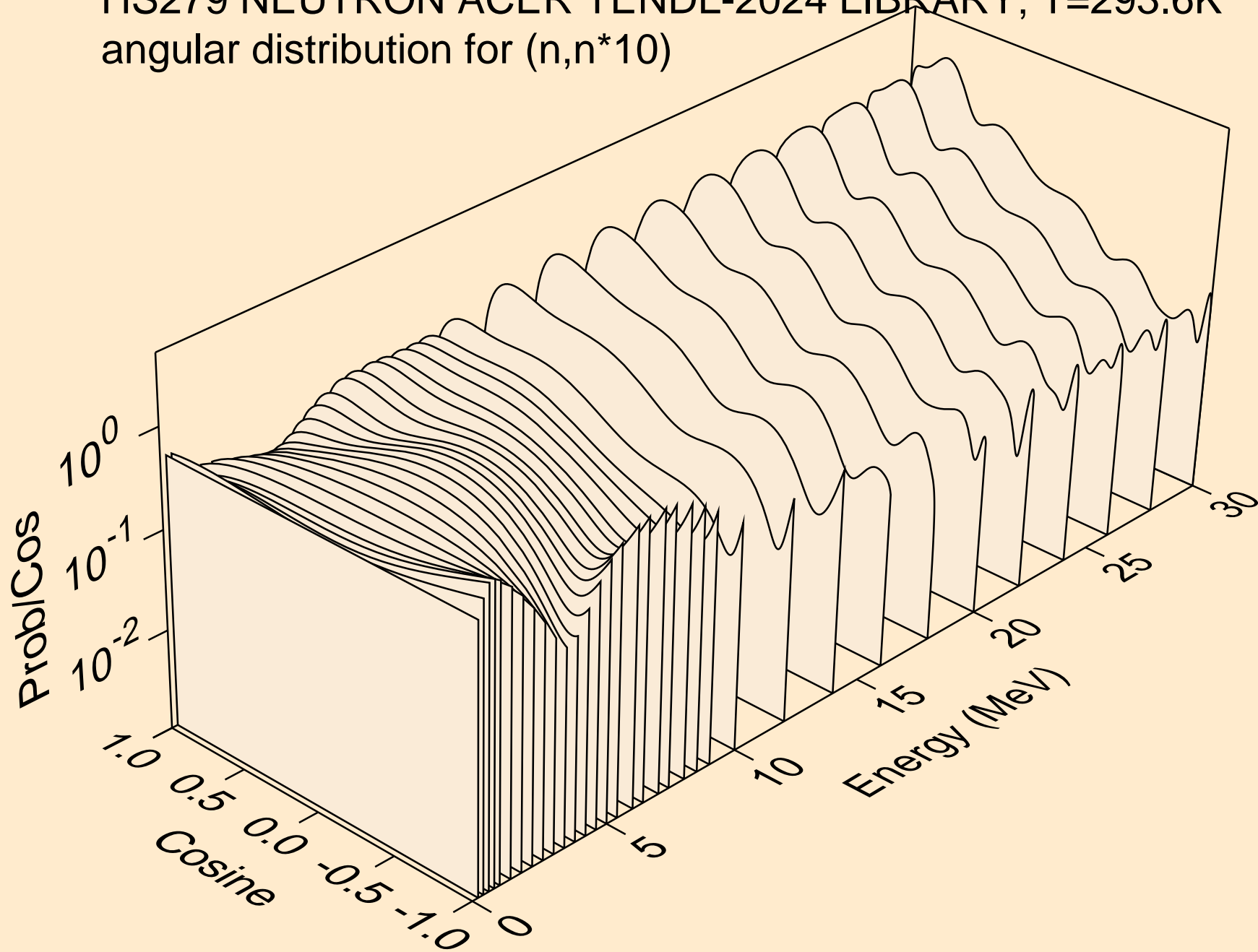
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



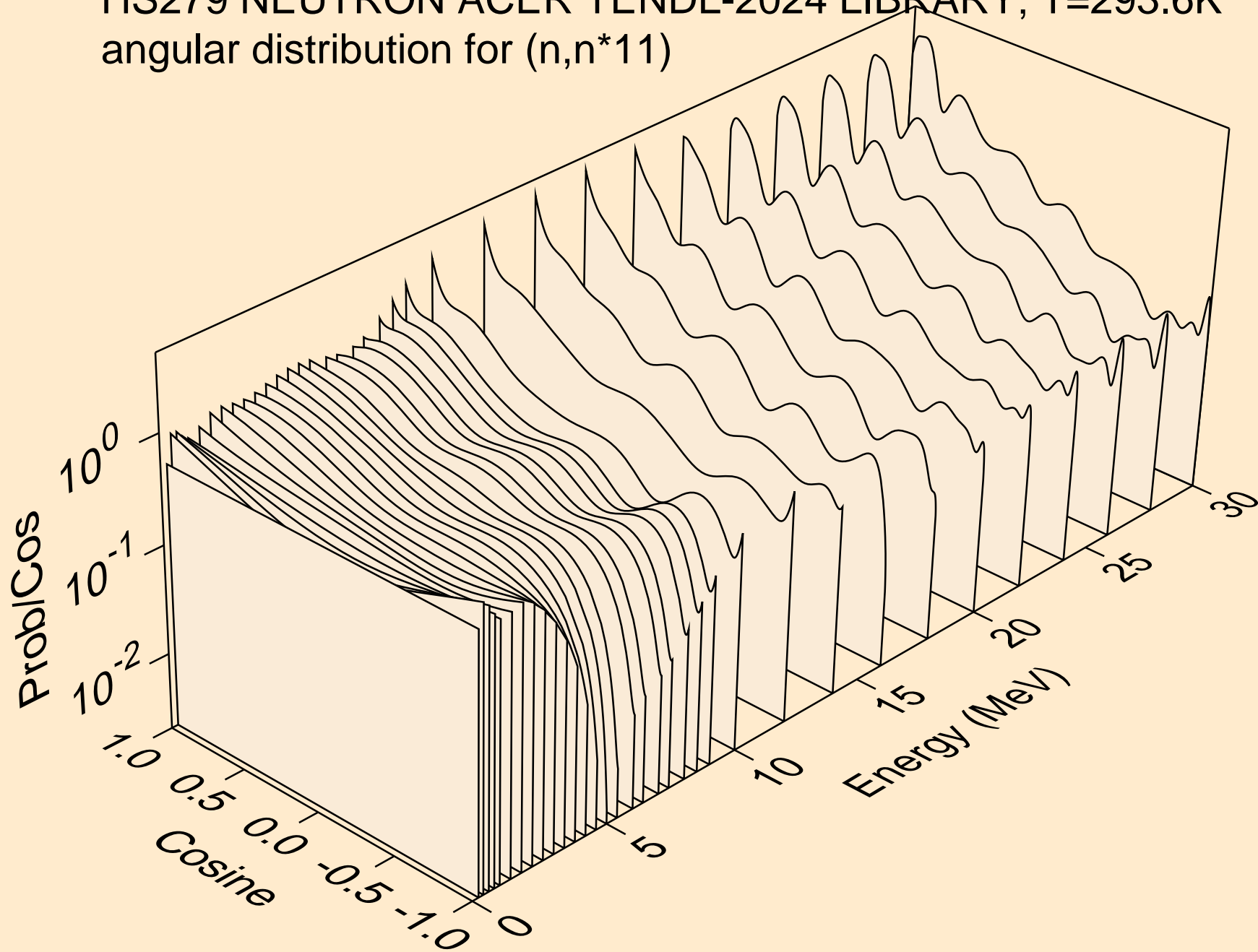
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



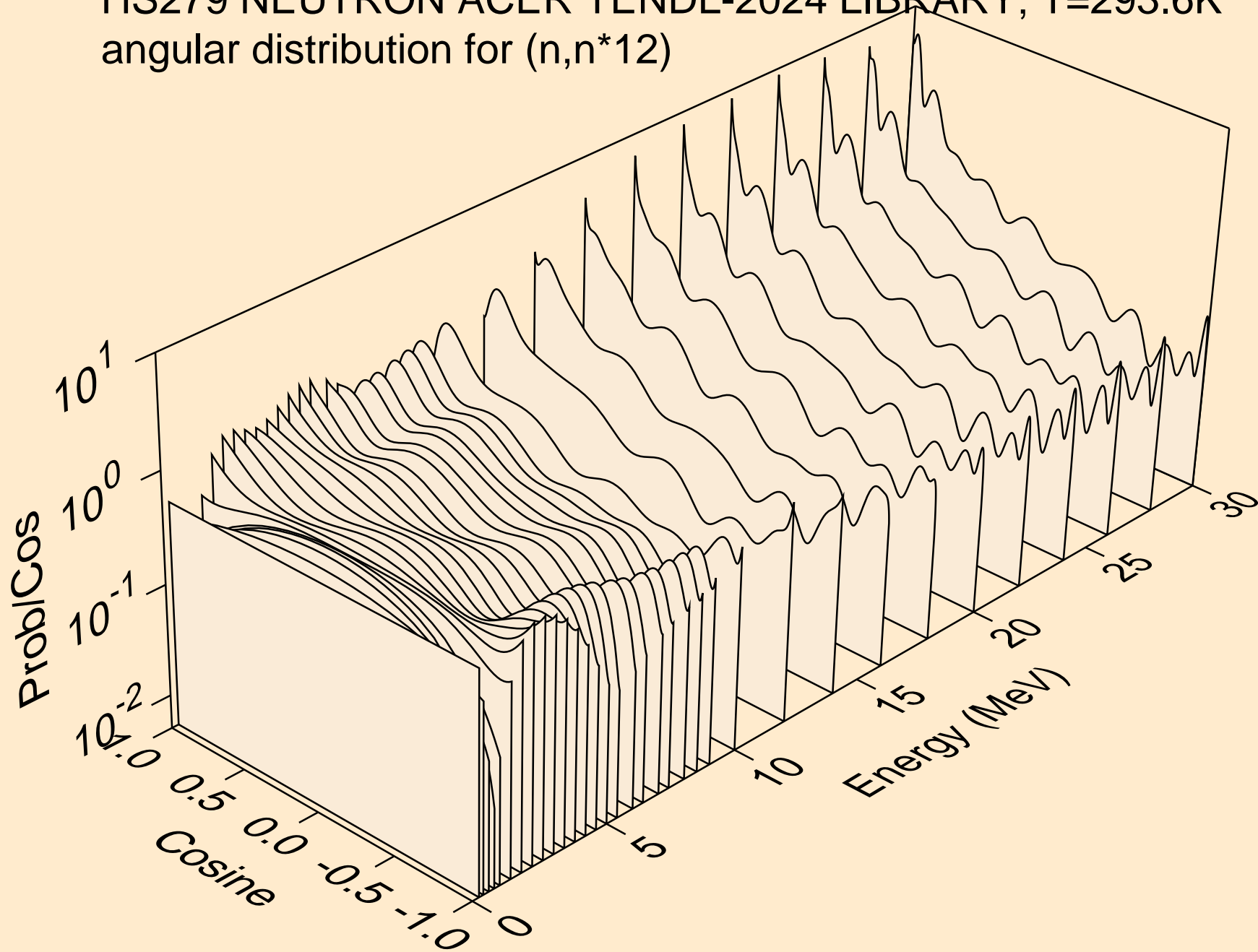
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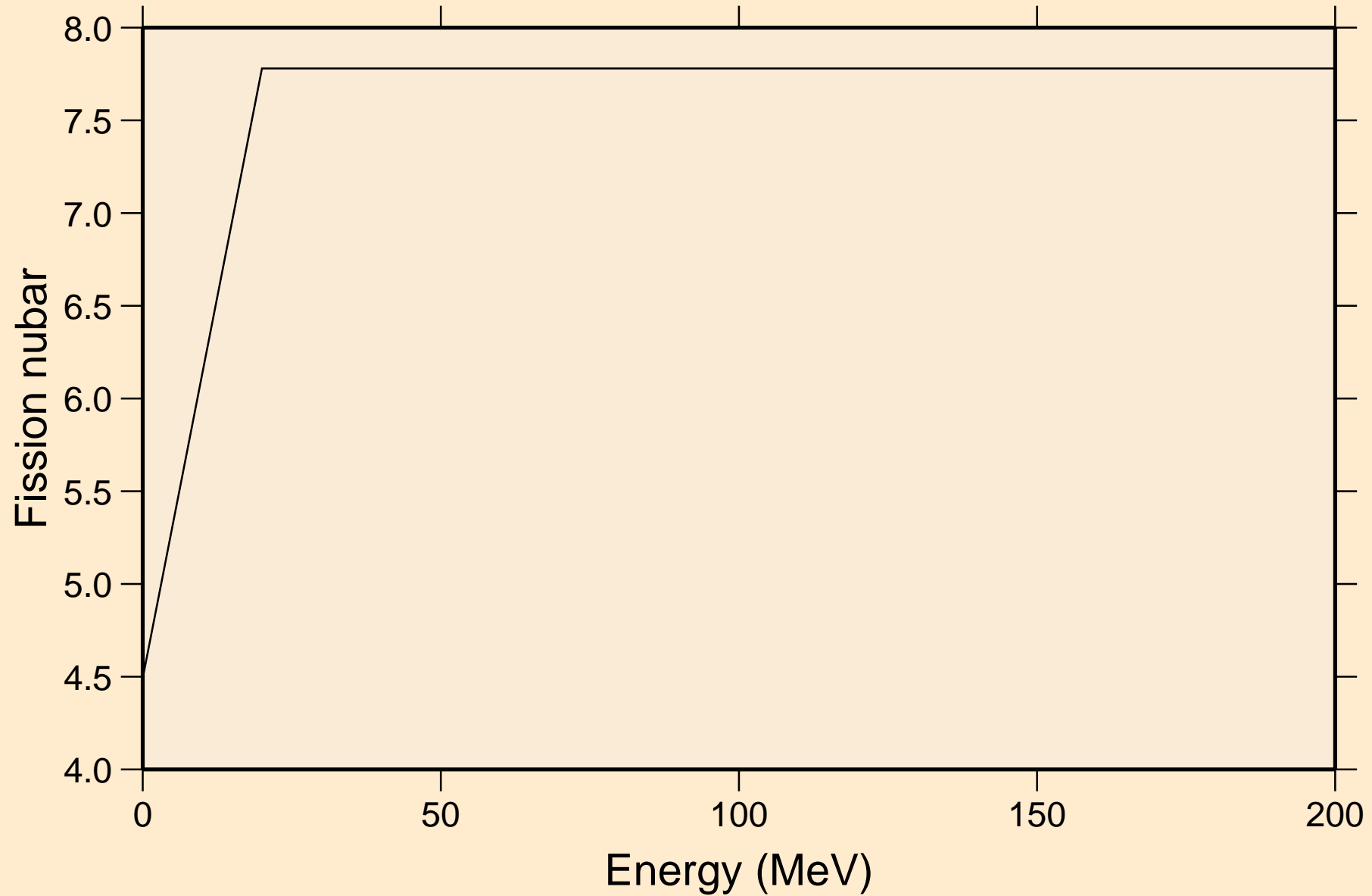
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angular distribution for (n,n\*11)



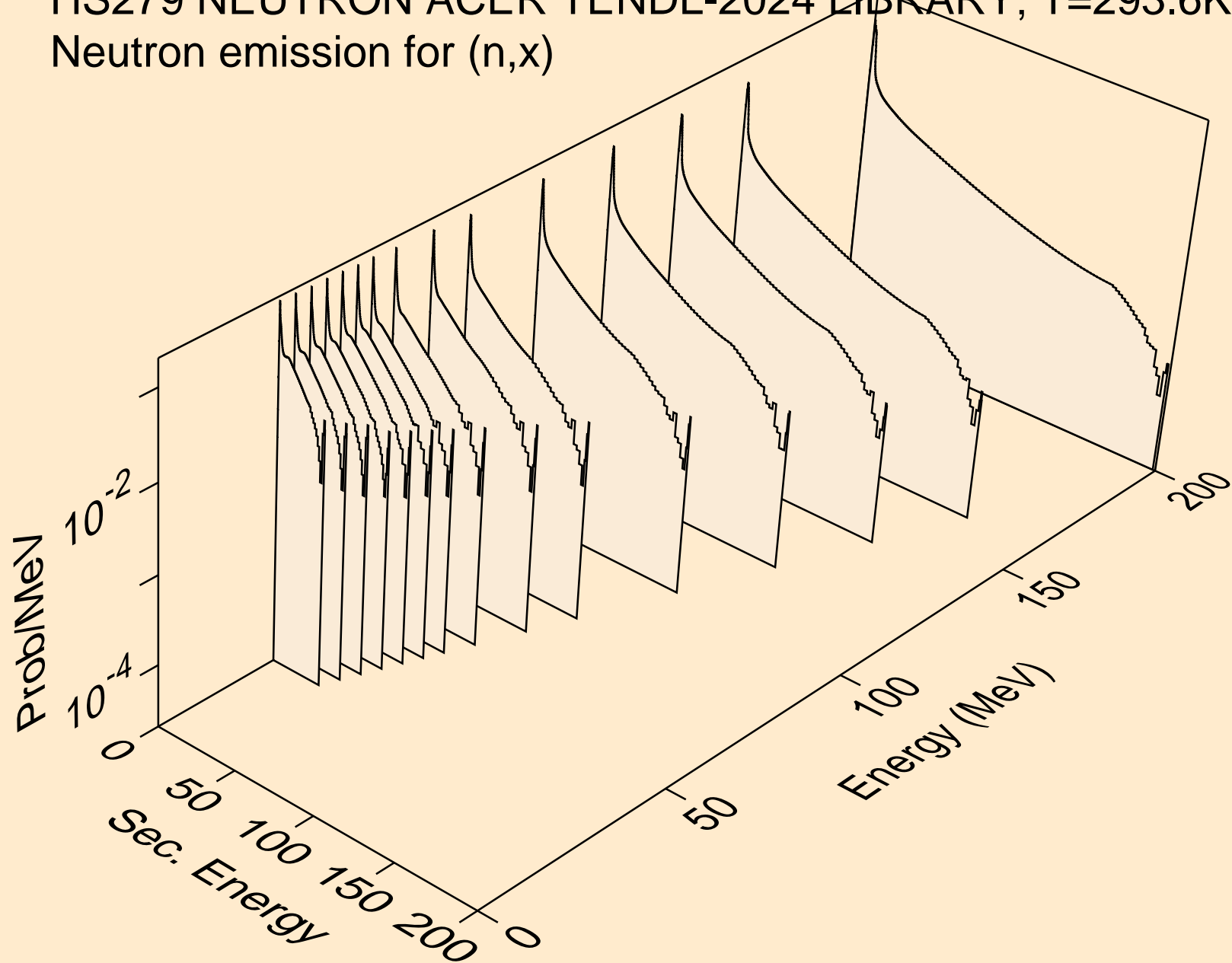
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angular distribution for (n,n\*12)



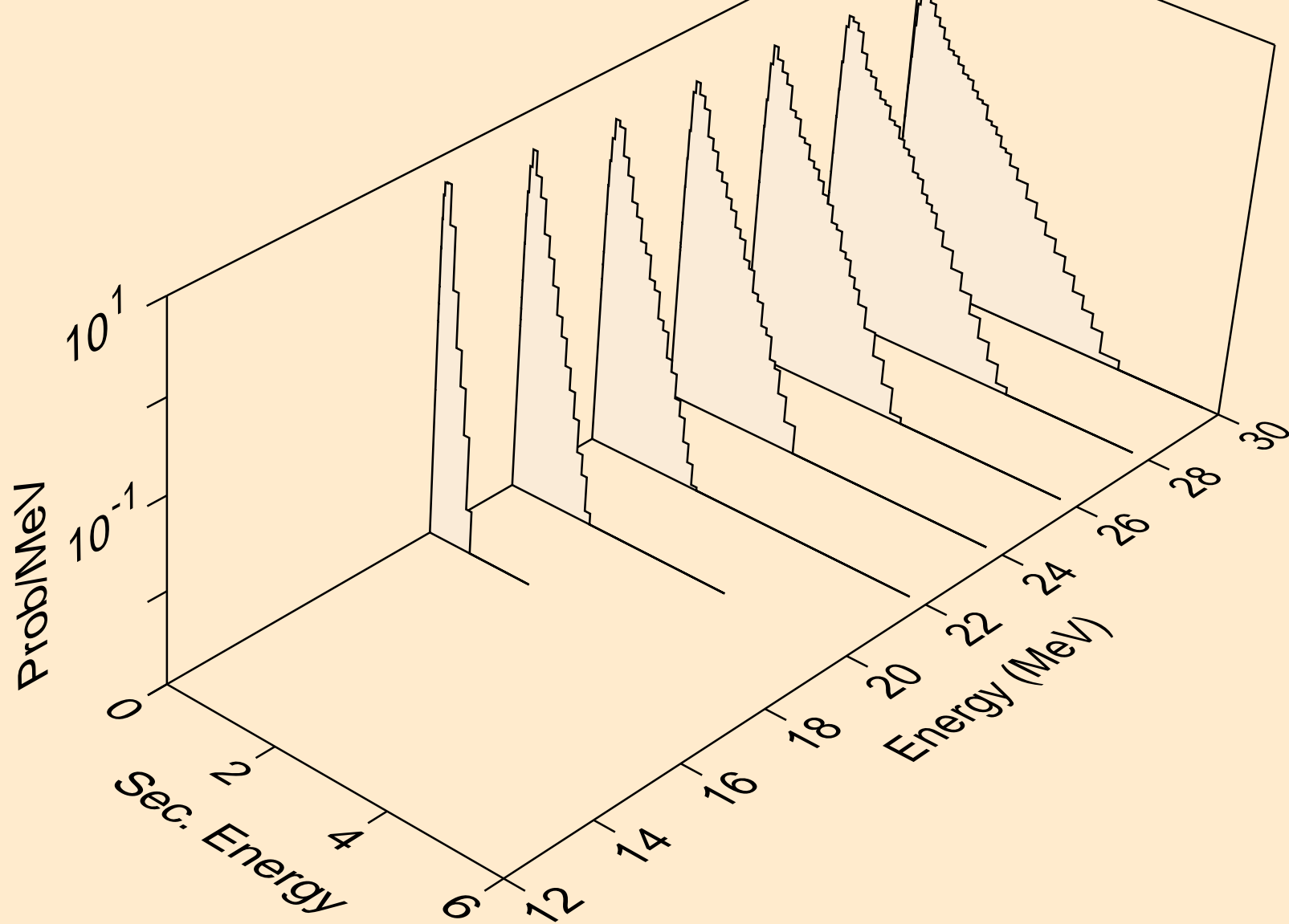
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Total fission nubar



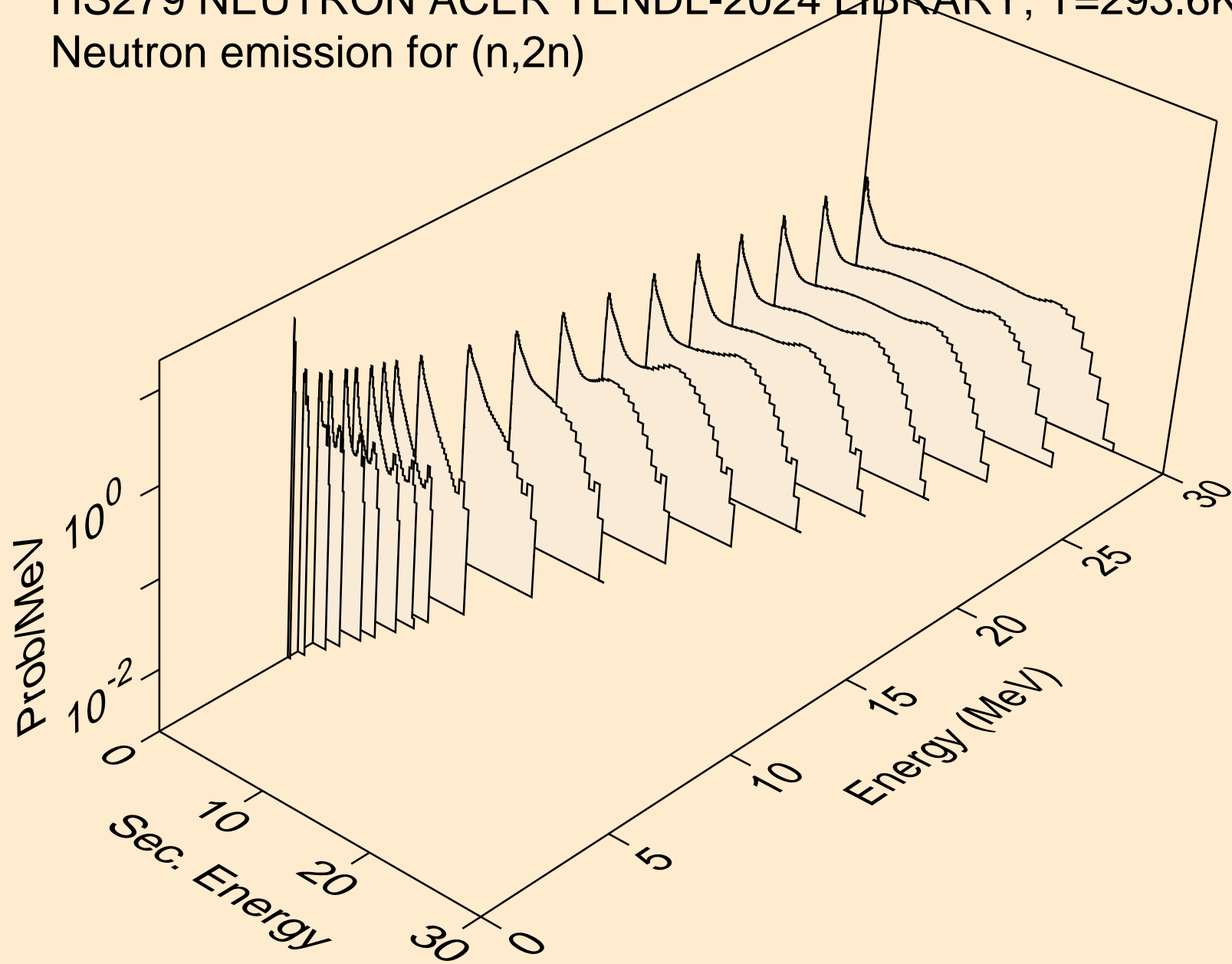
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



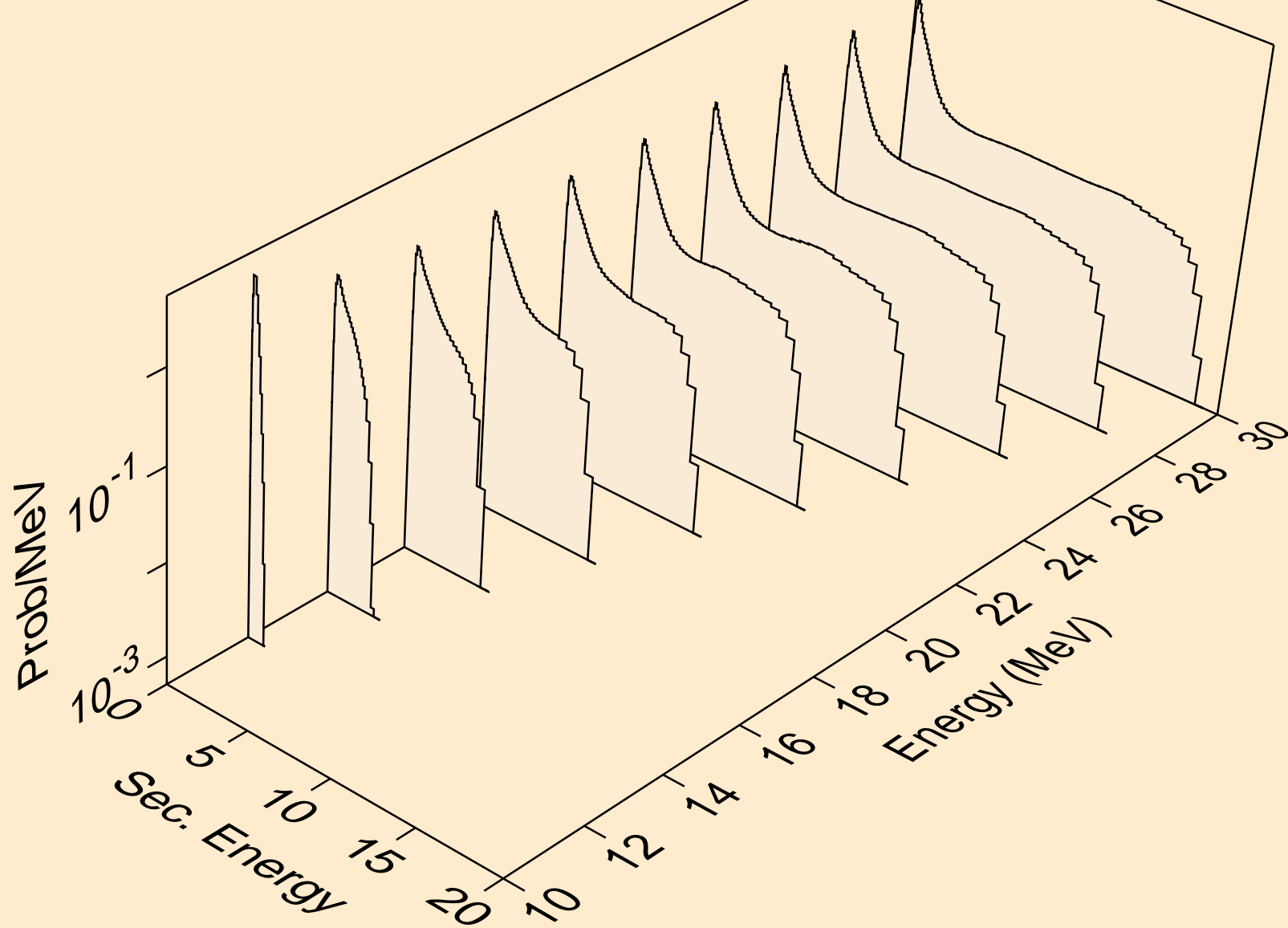
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



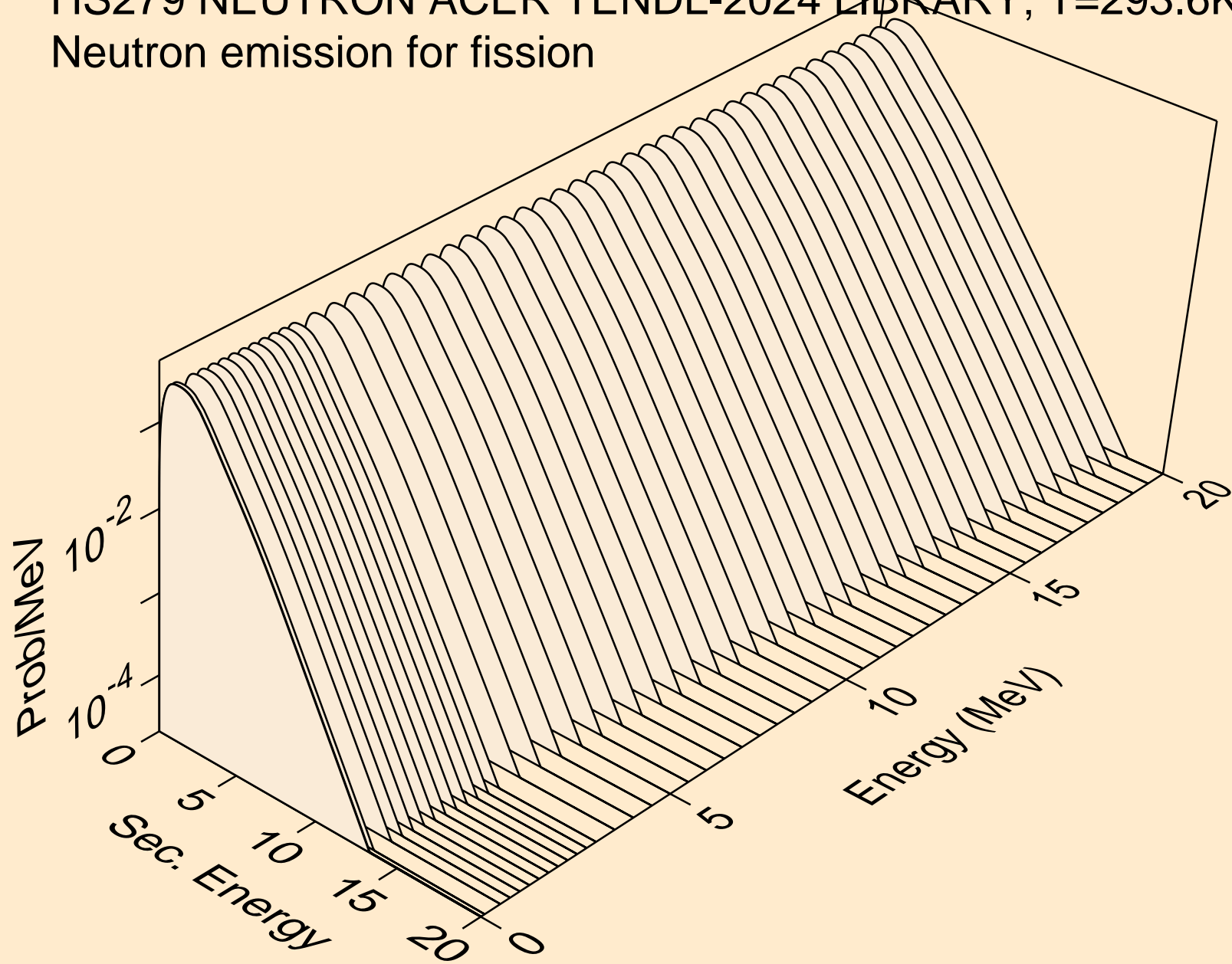
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



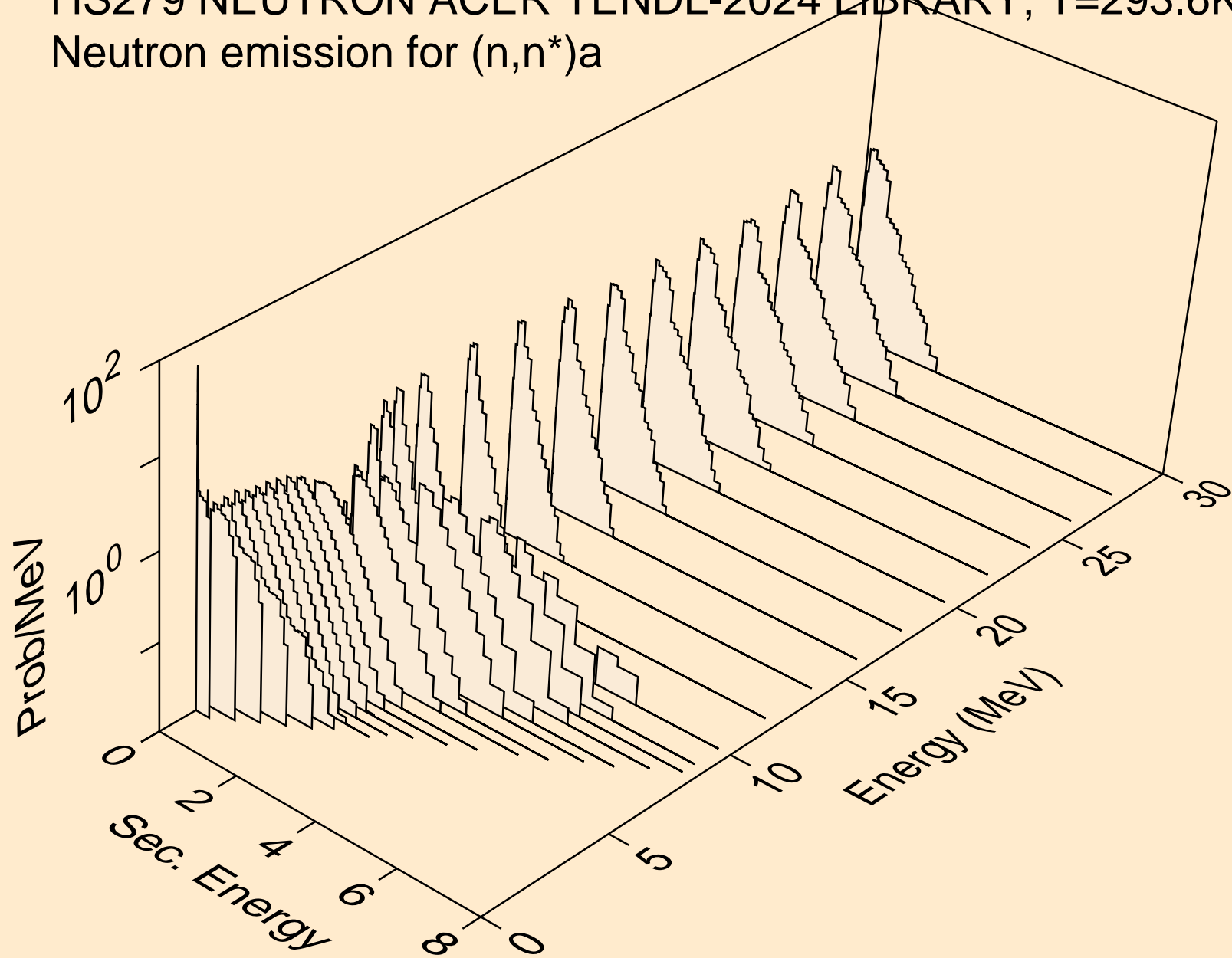
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Neutron emission for (n,3n)



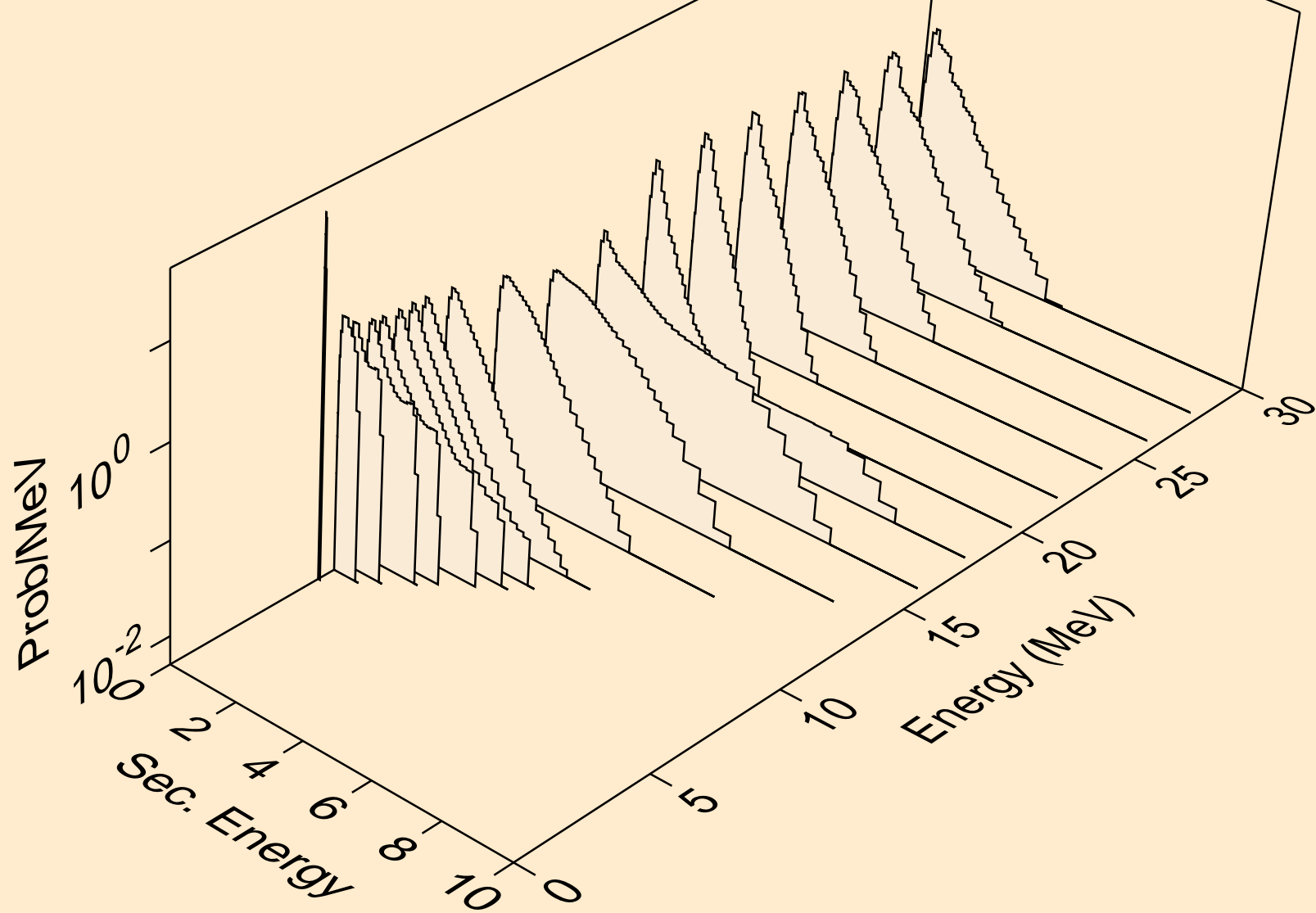
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Neutron emission for fission



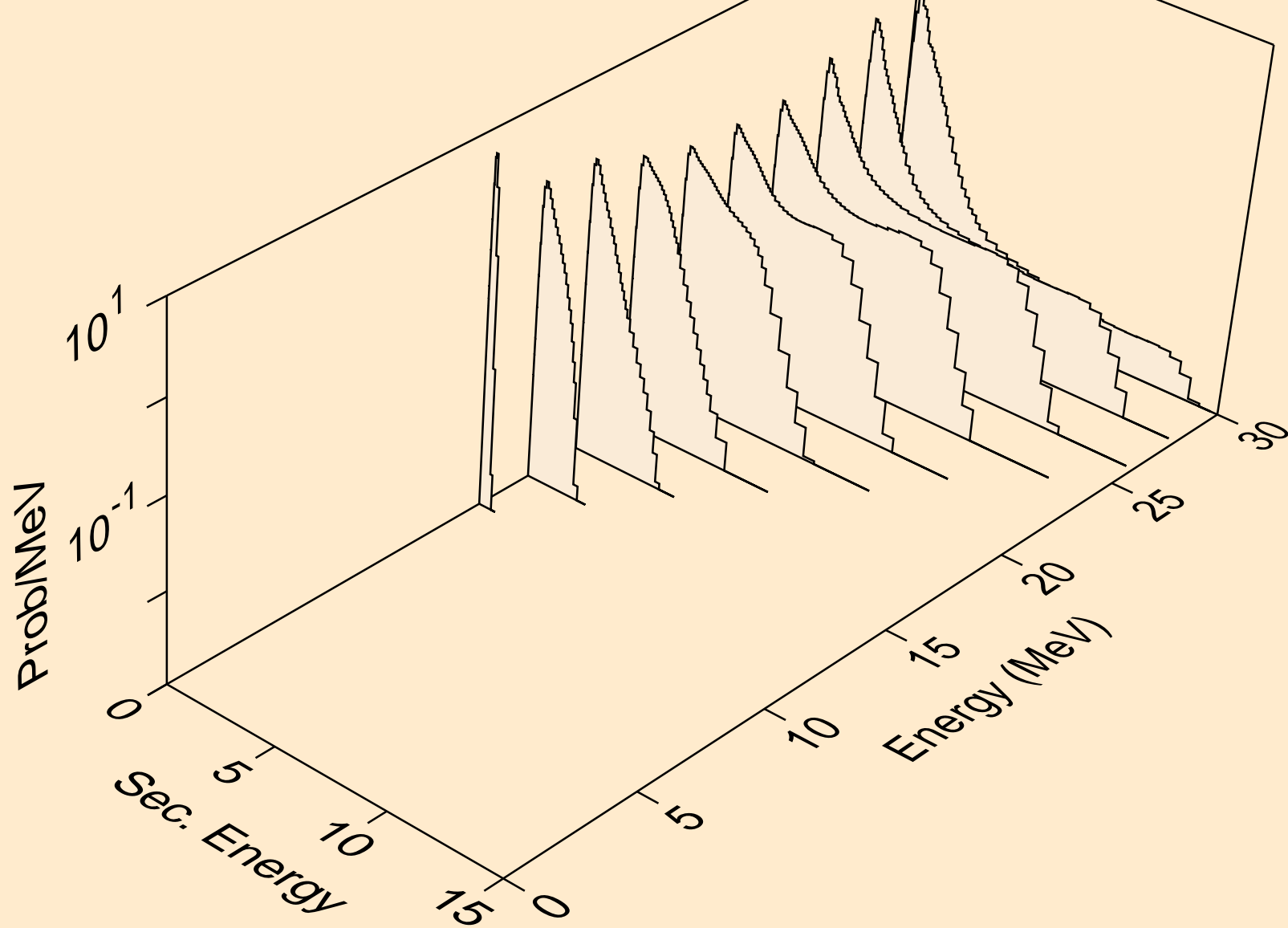
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



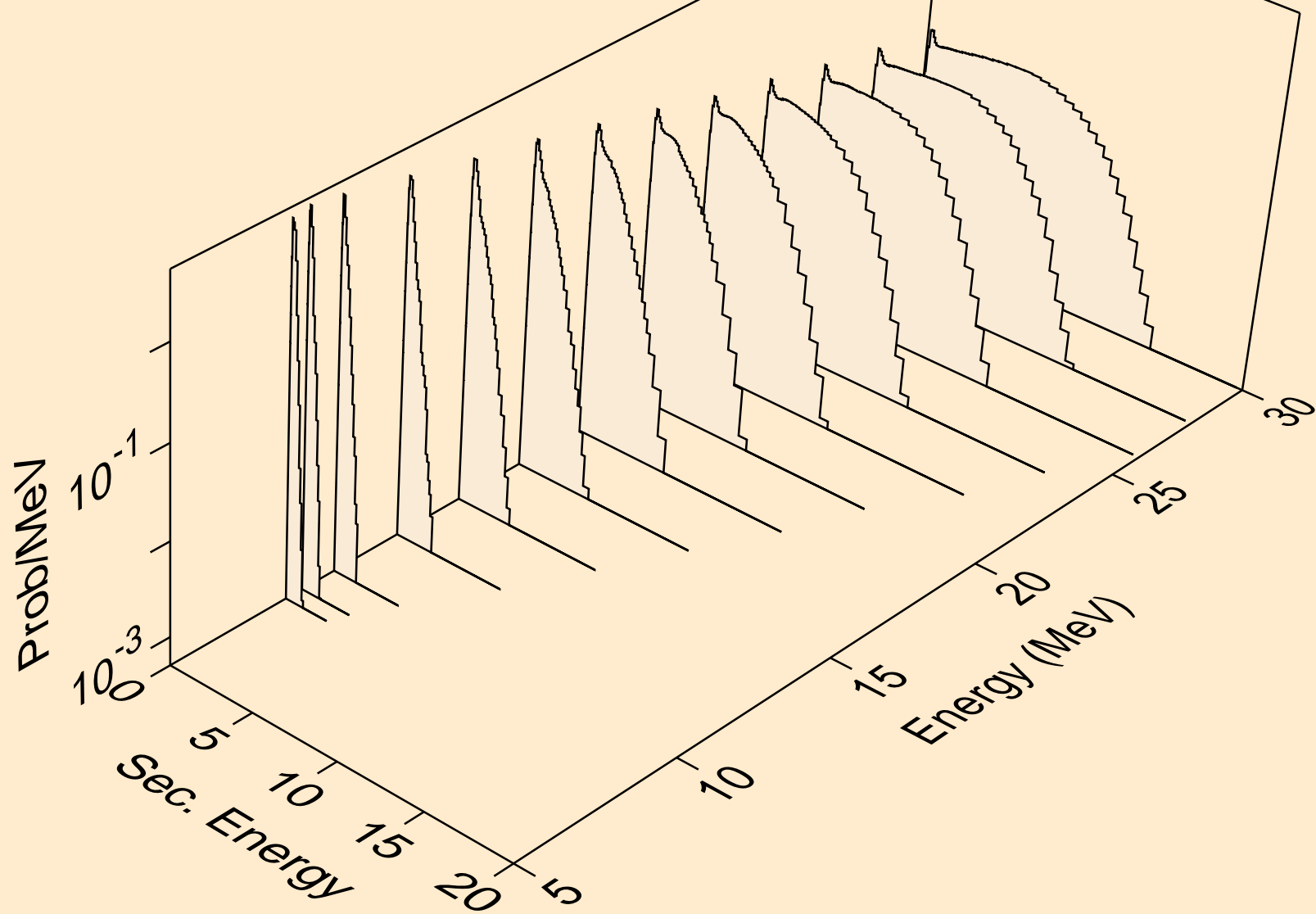
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



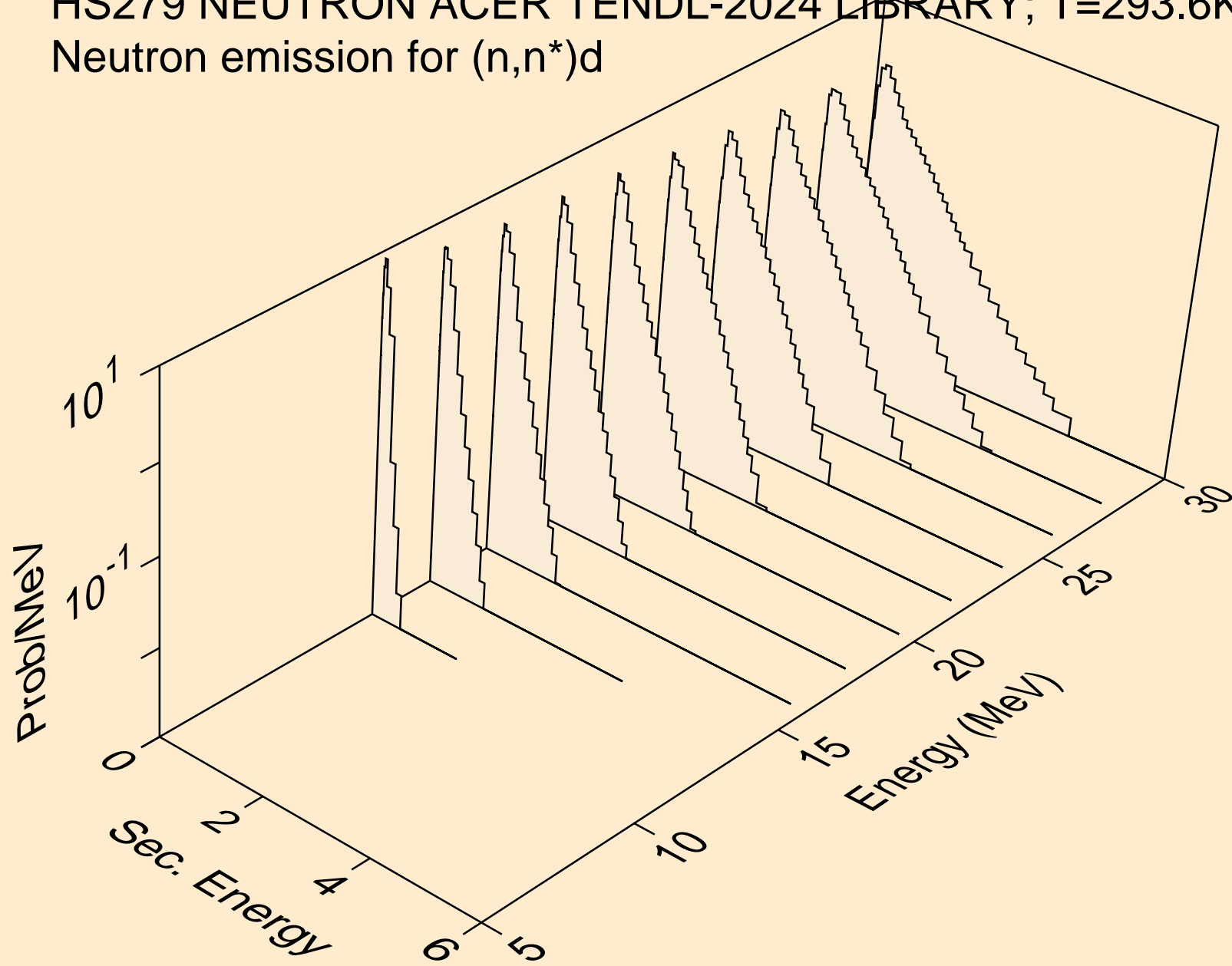
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



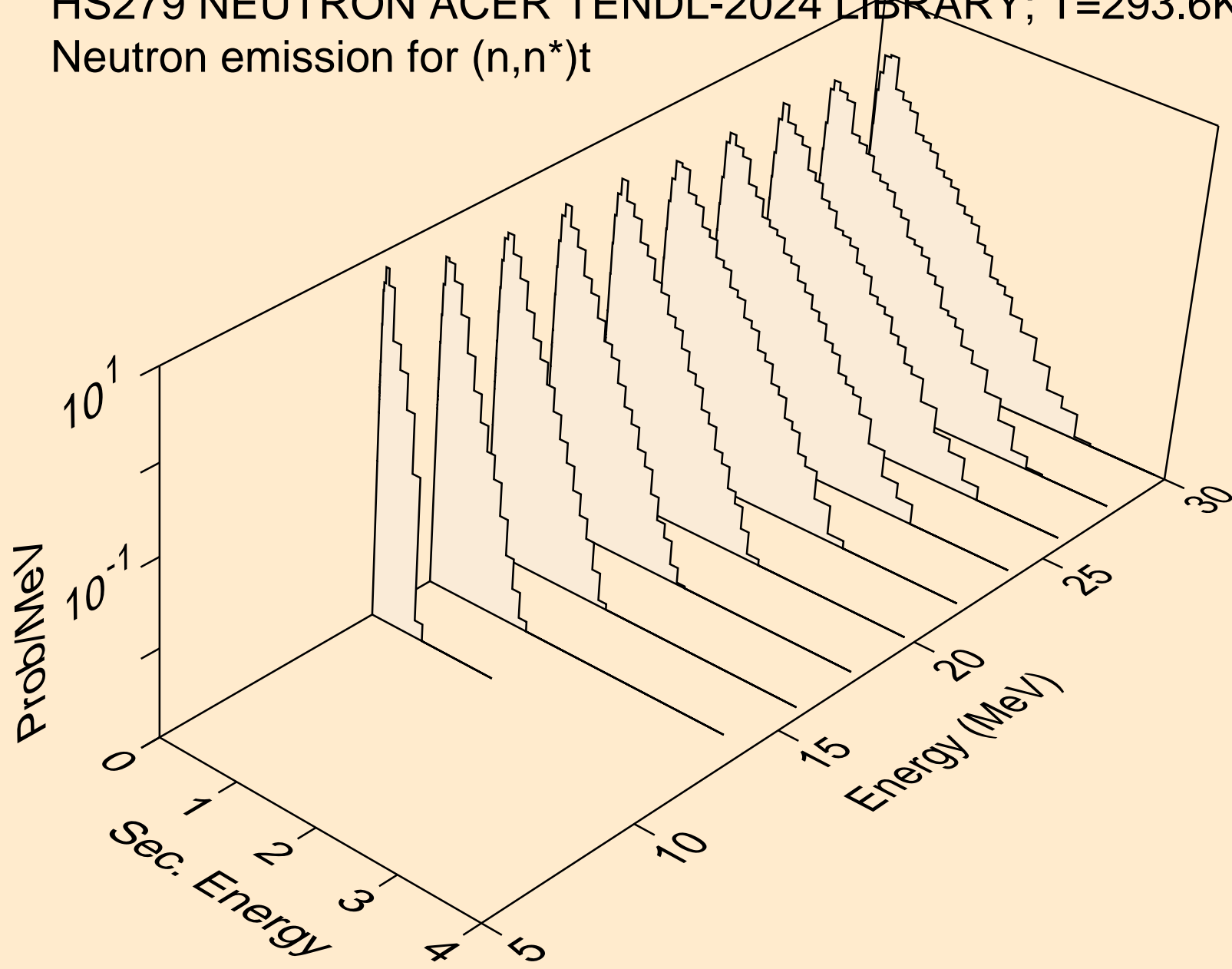
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



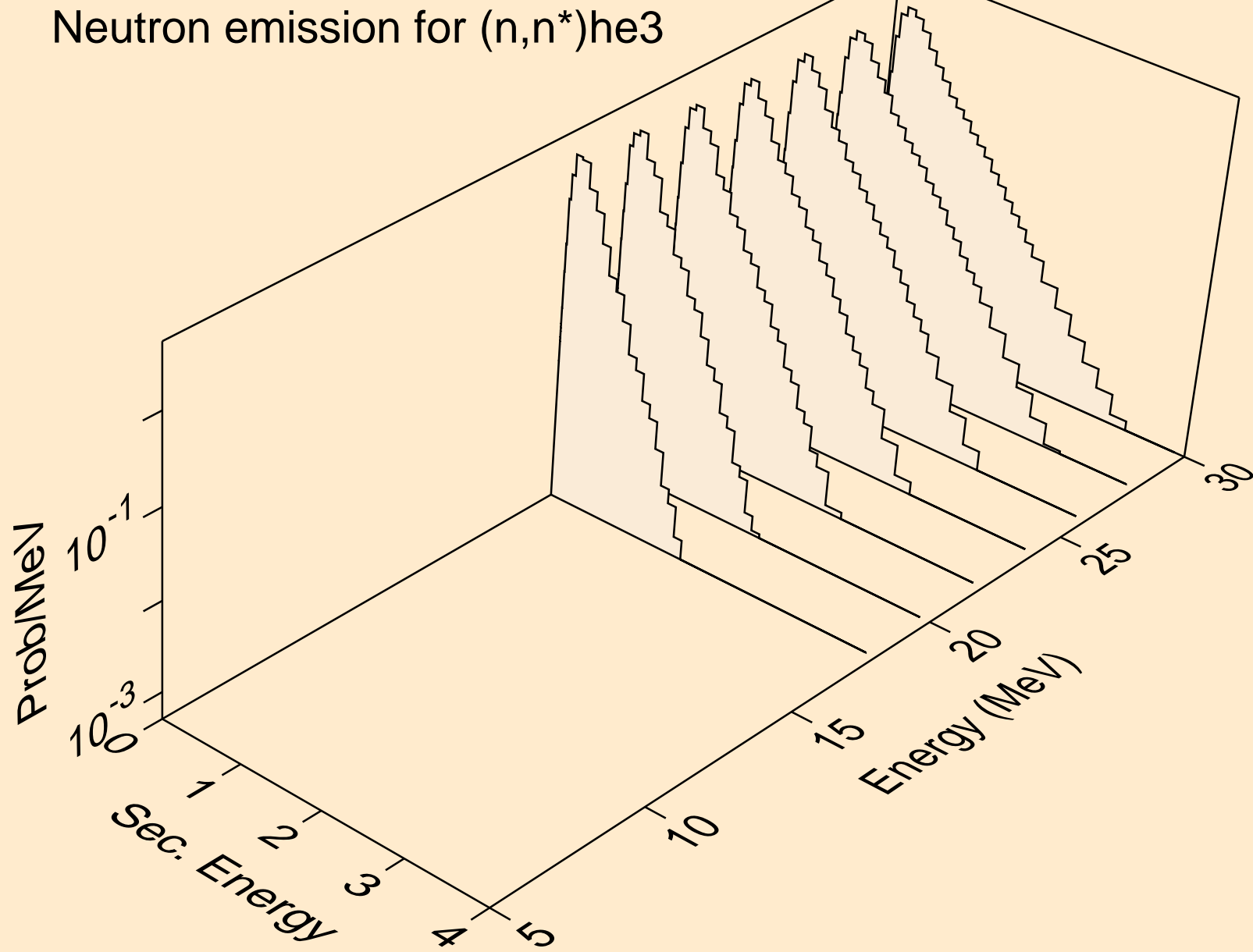
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



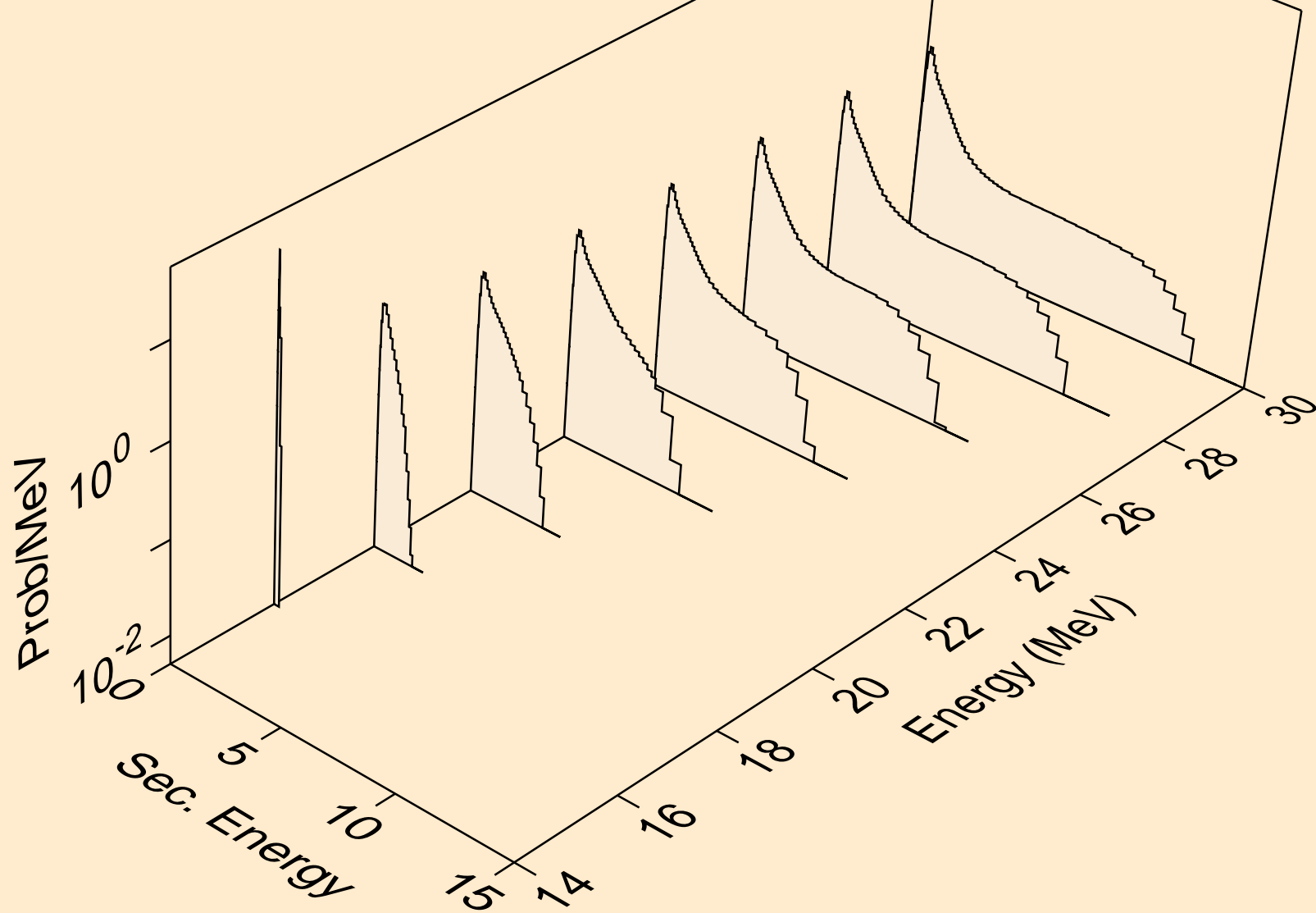
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Neutron emission for (n,n\*)t



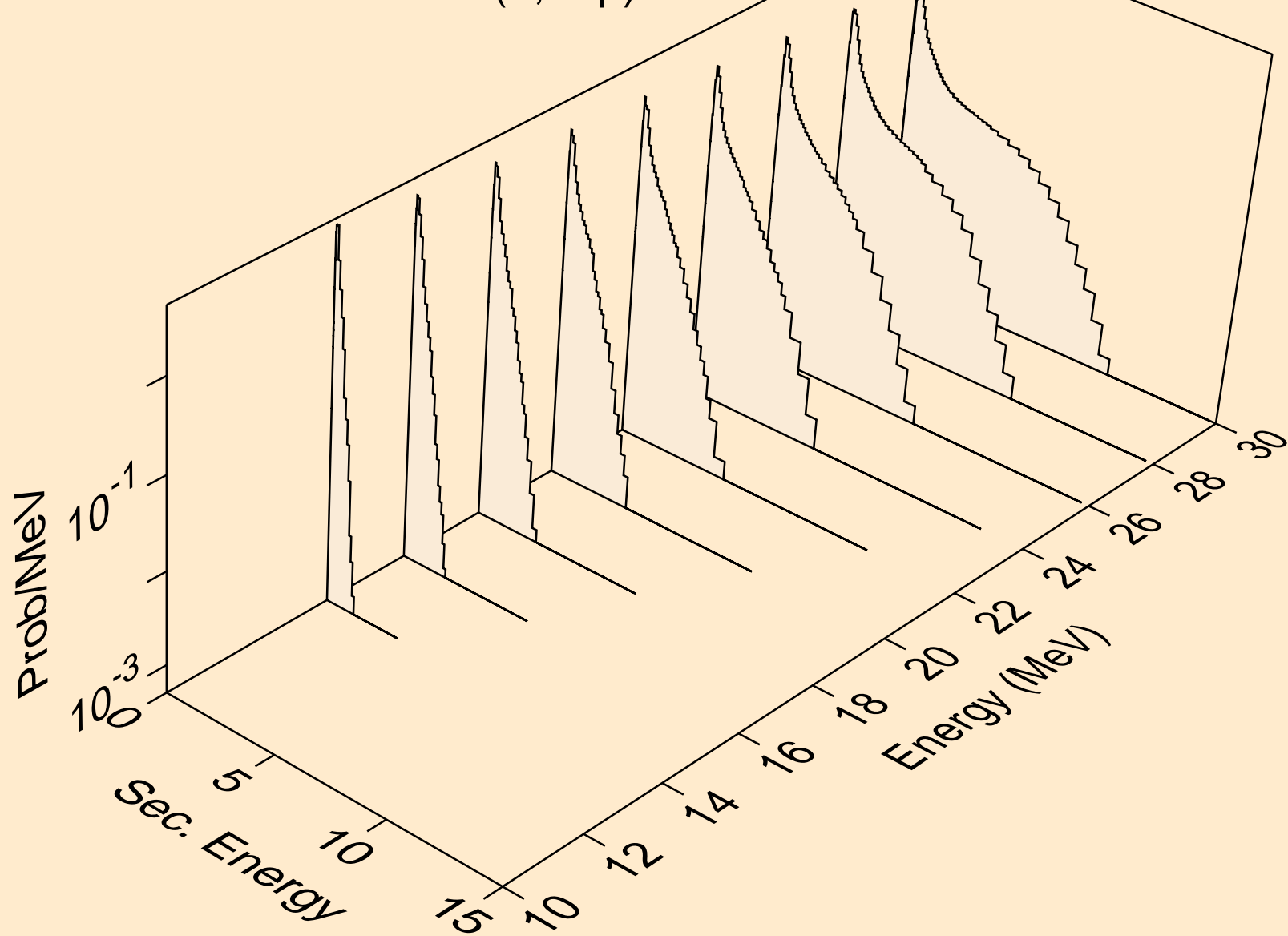
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



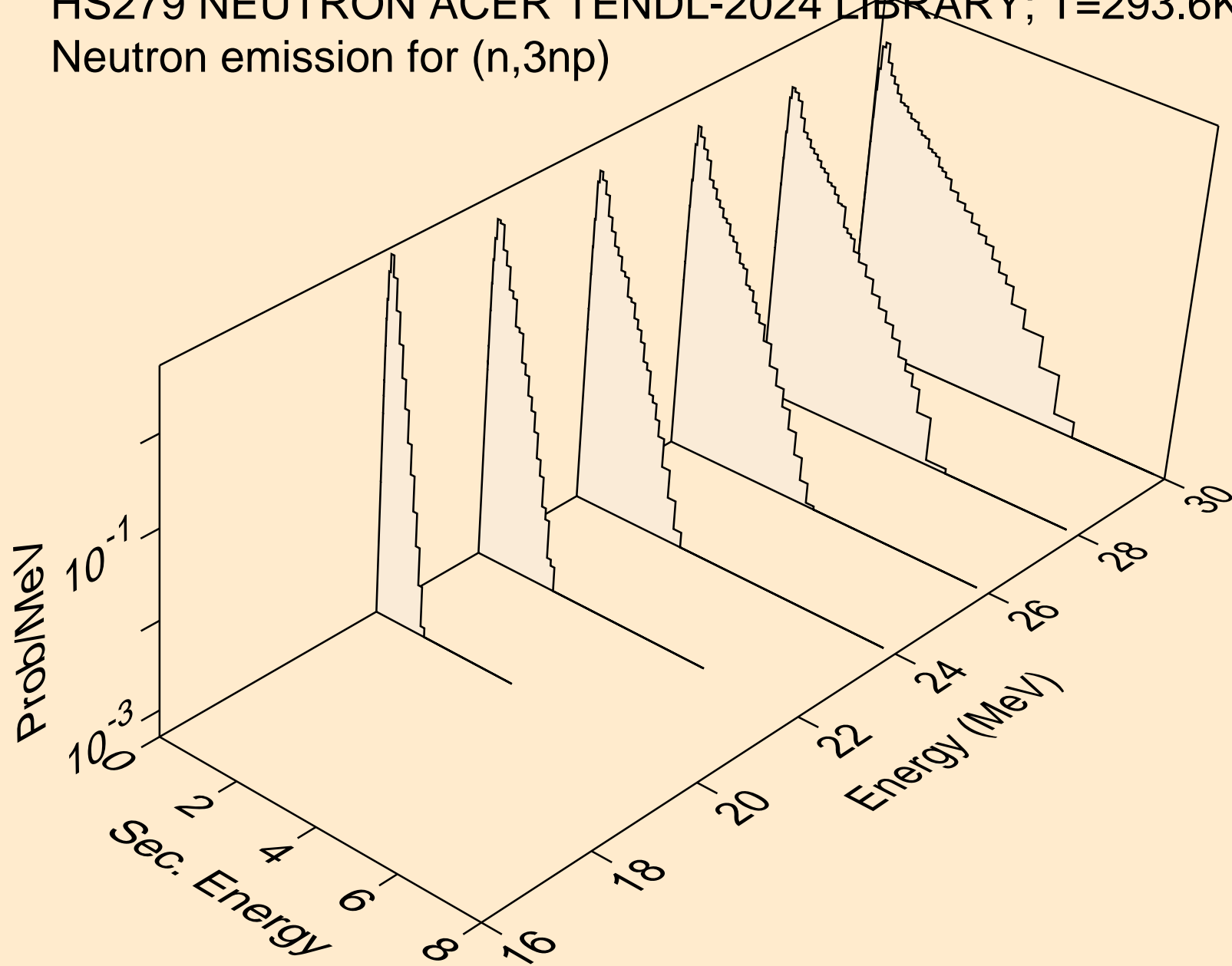
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



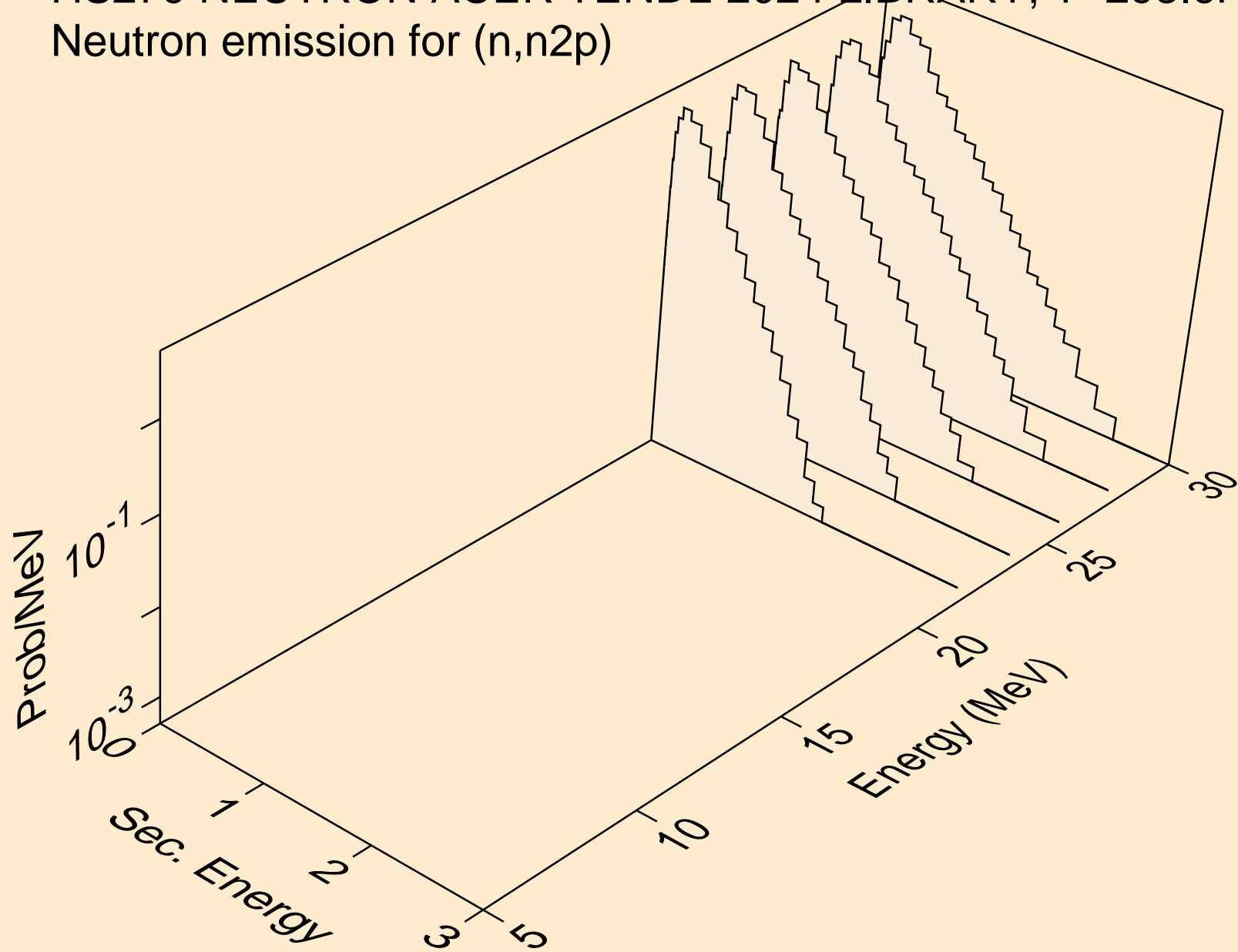
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



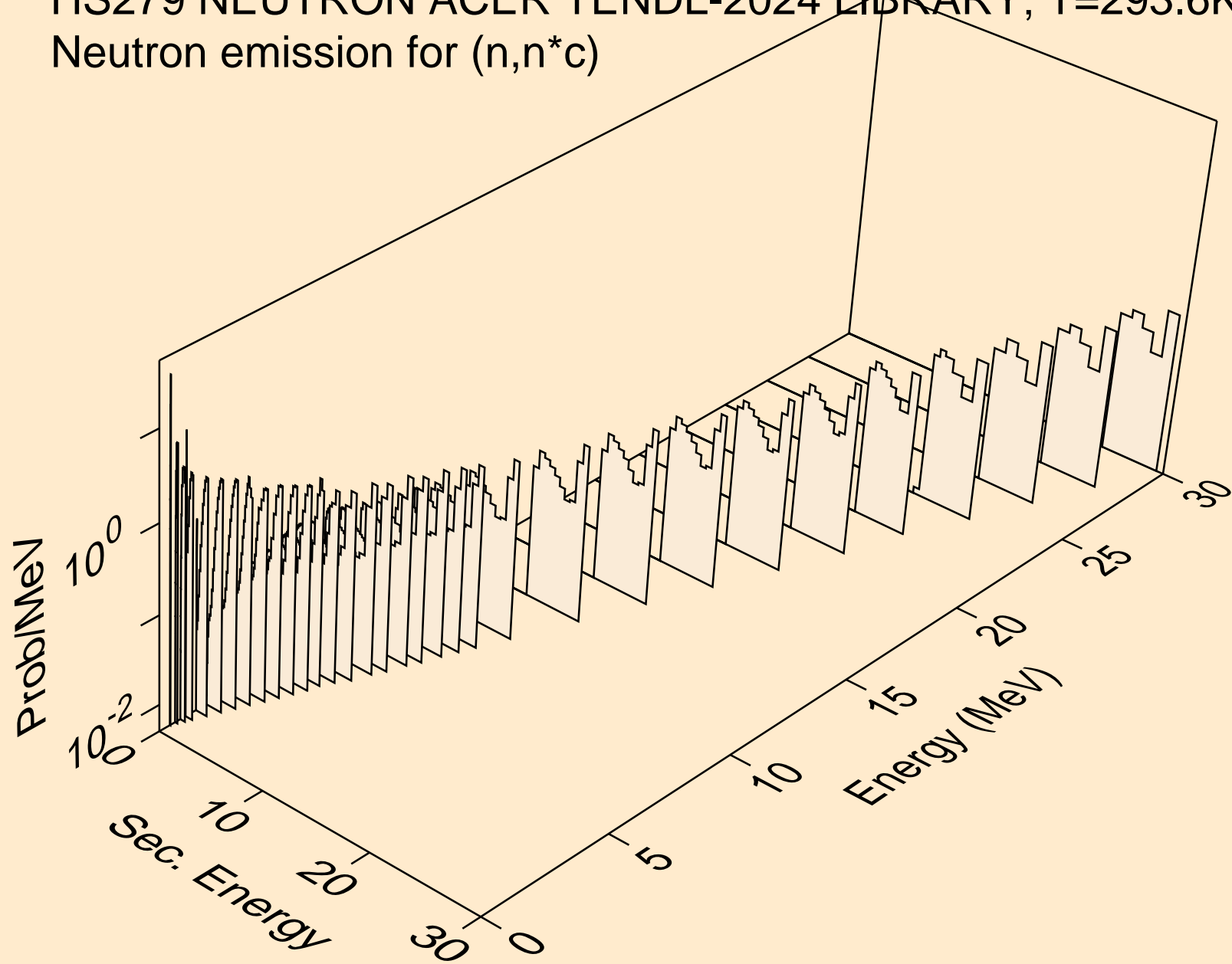
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)

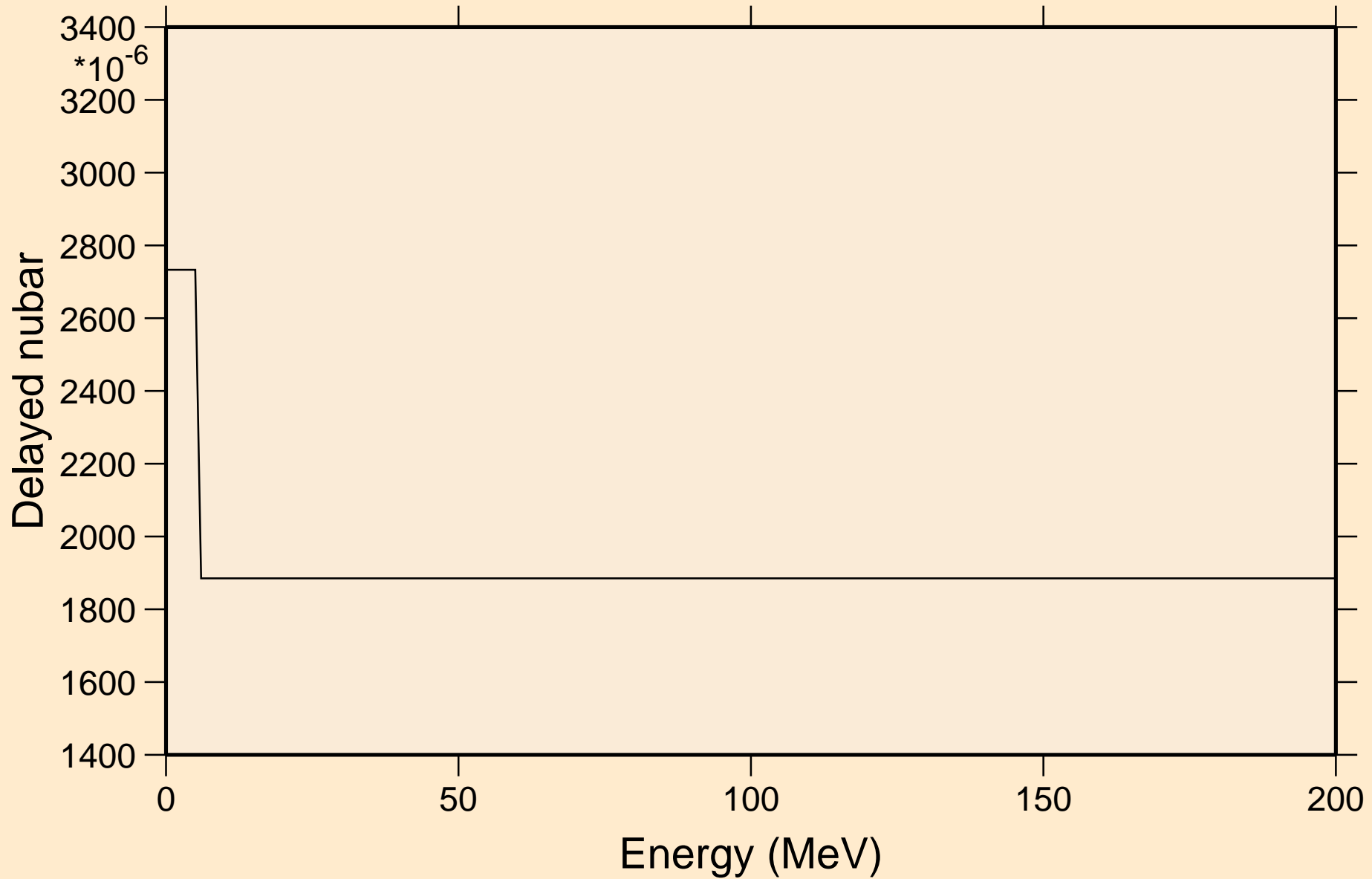


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



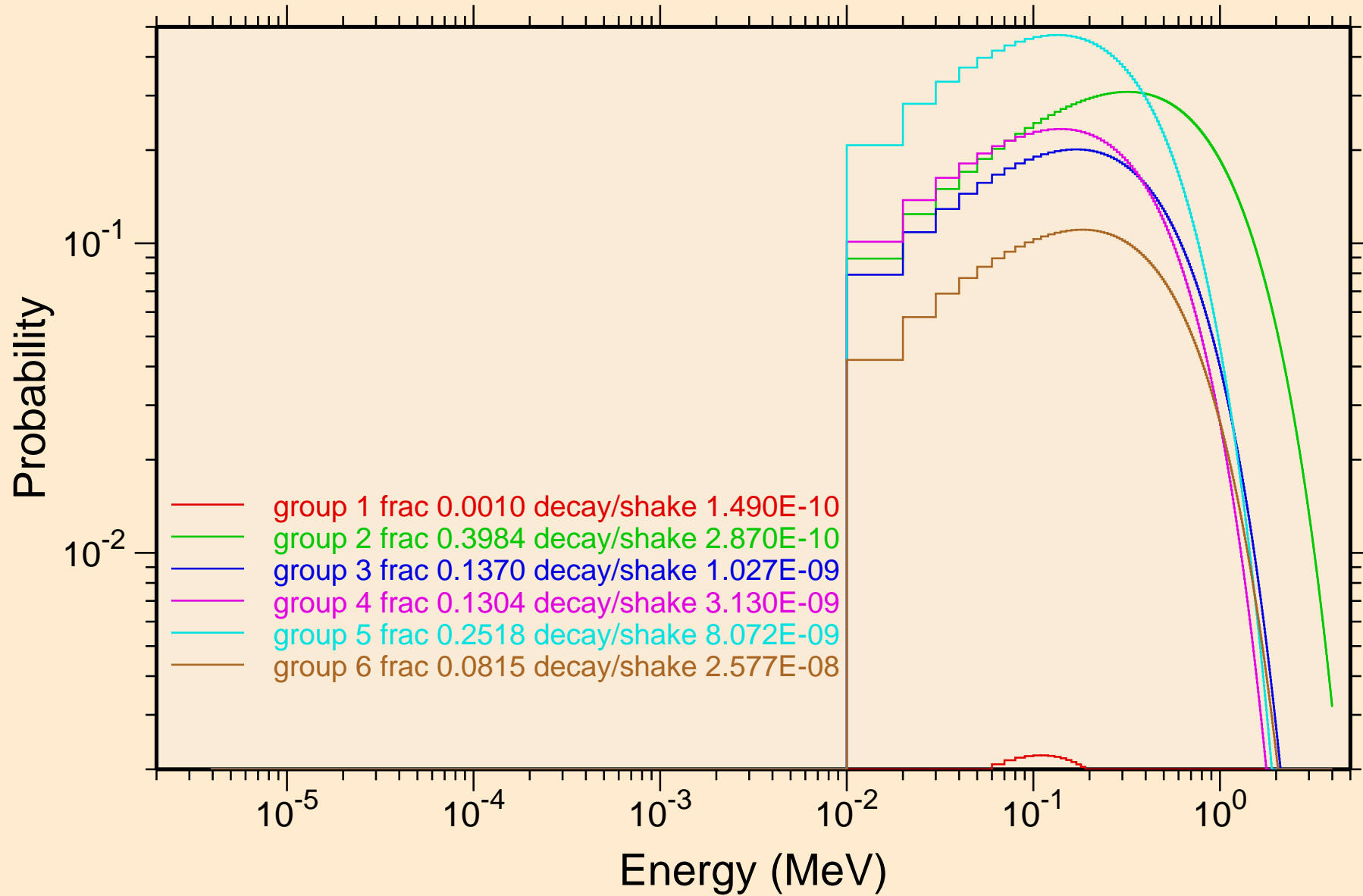
# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Delayed nubar

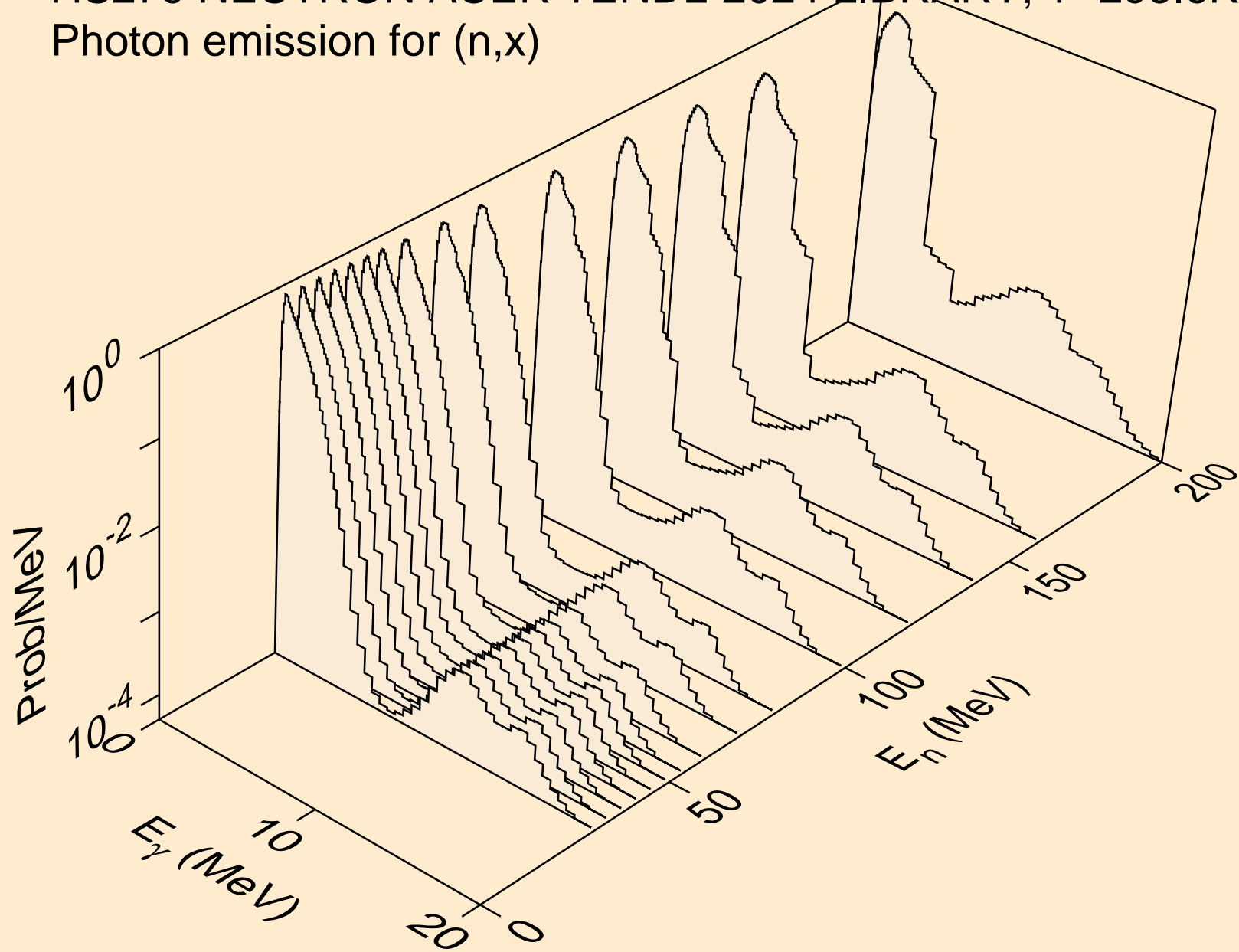


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

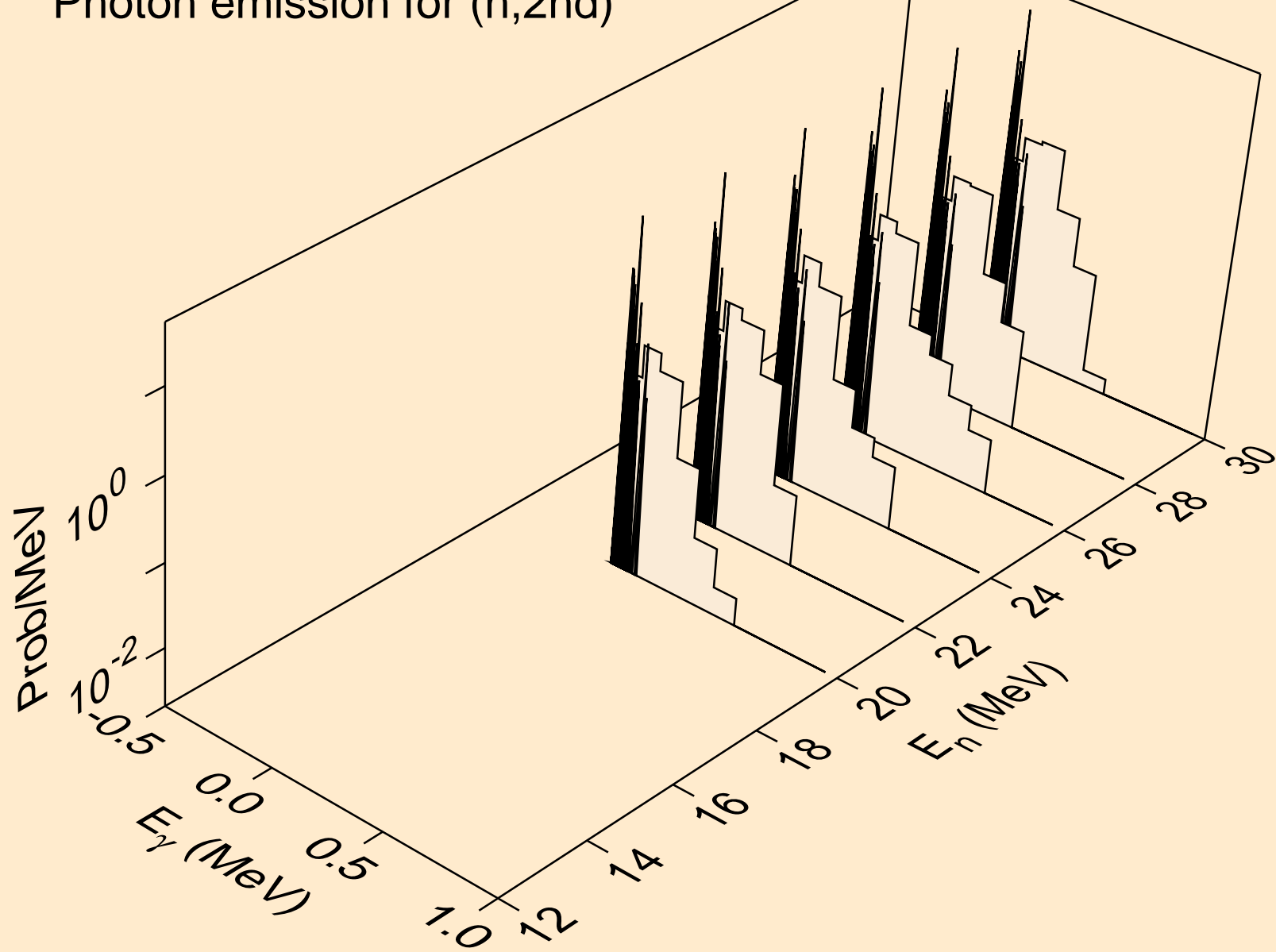
## Delayed neutron spectra



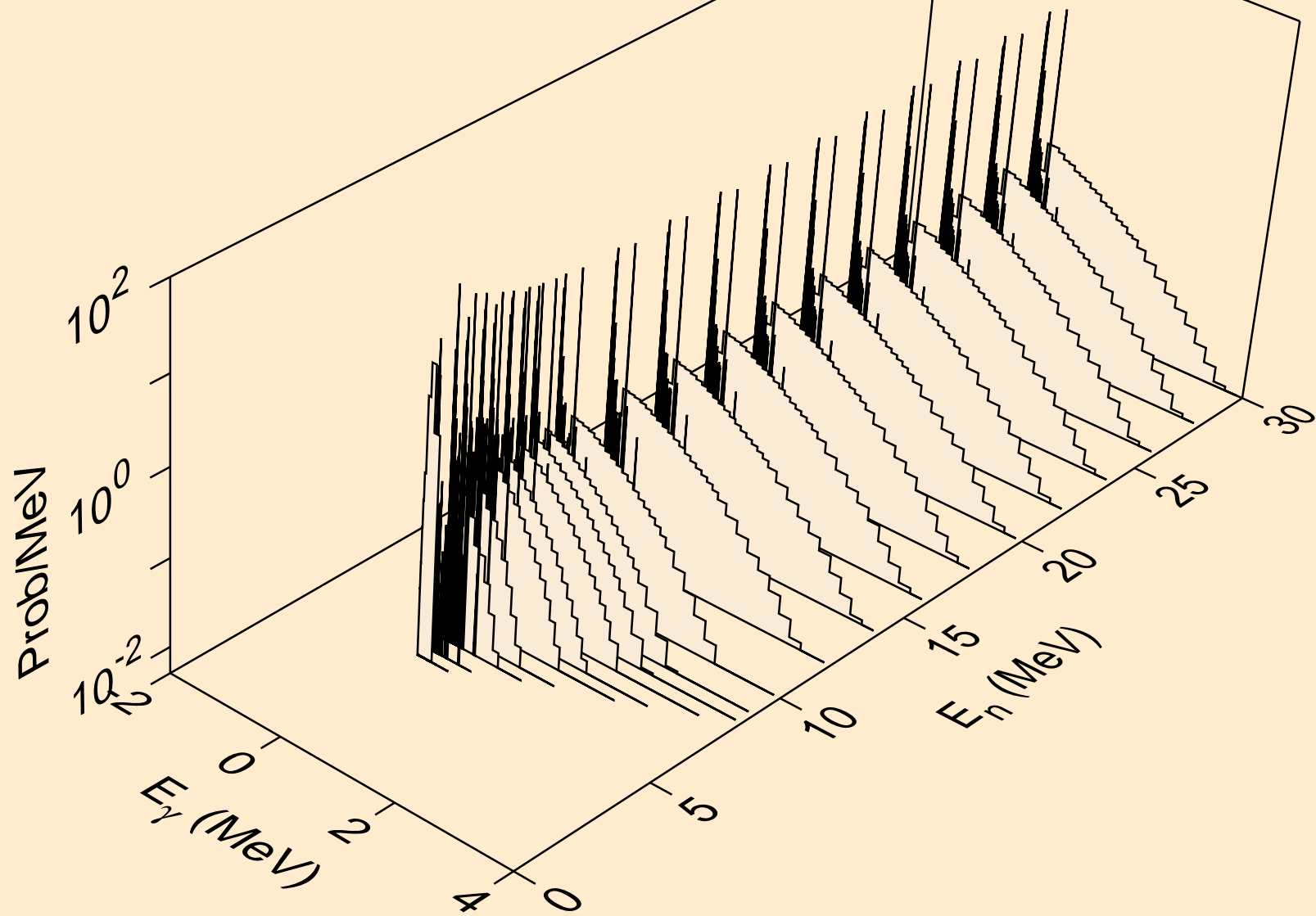
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



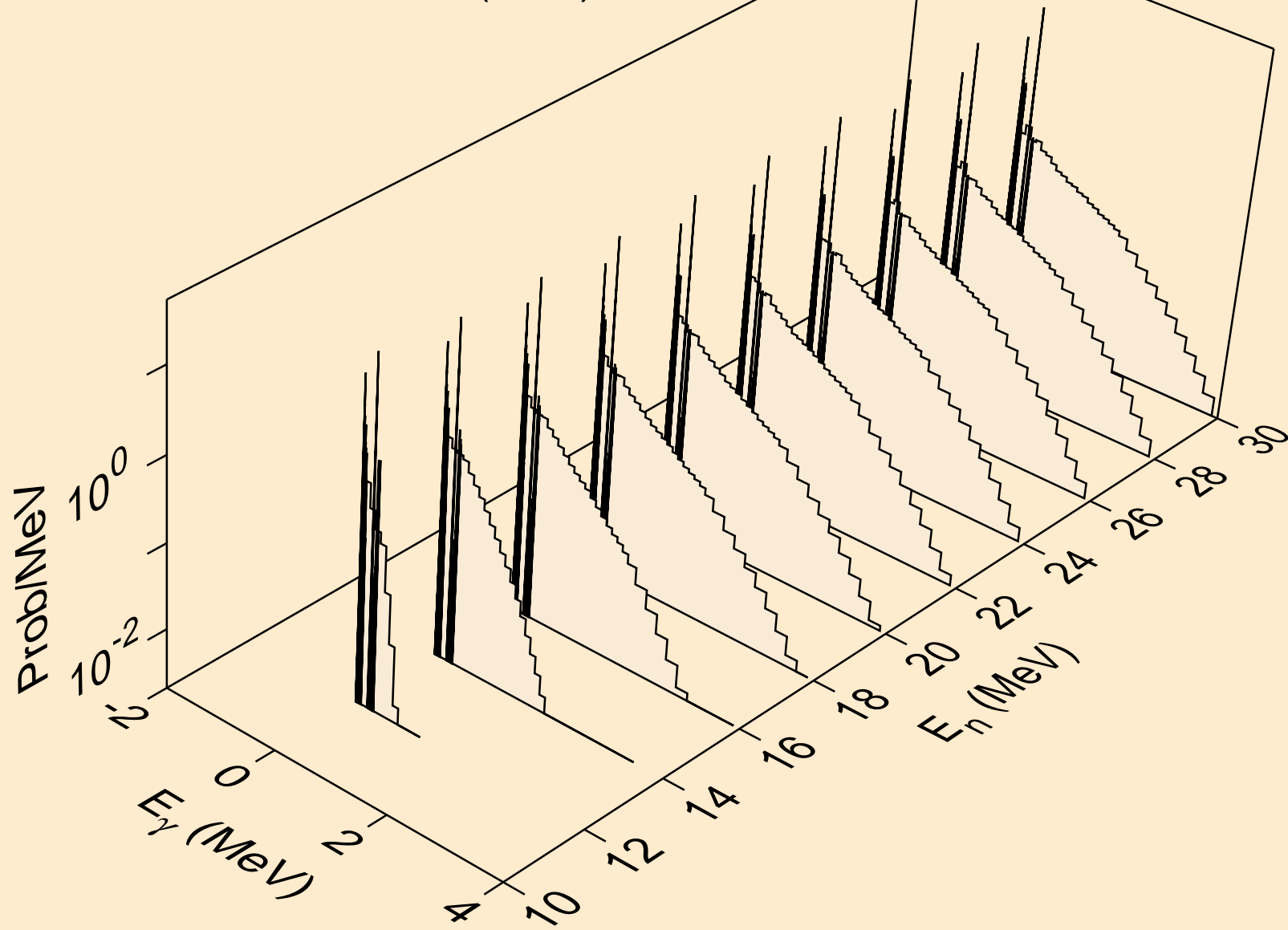
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Photon emission for (n,2nd)



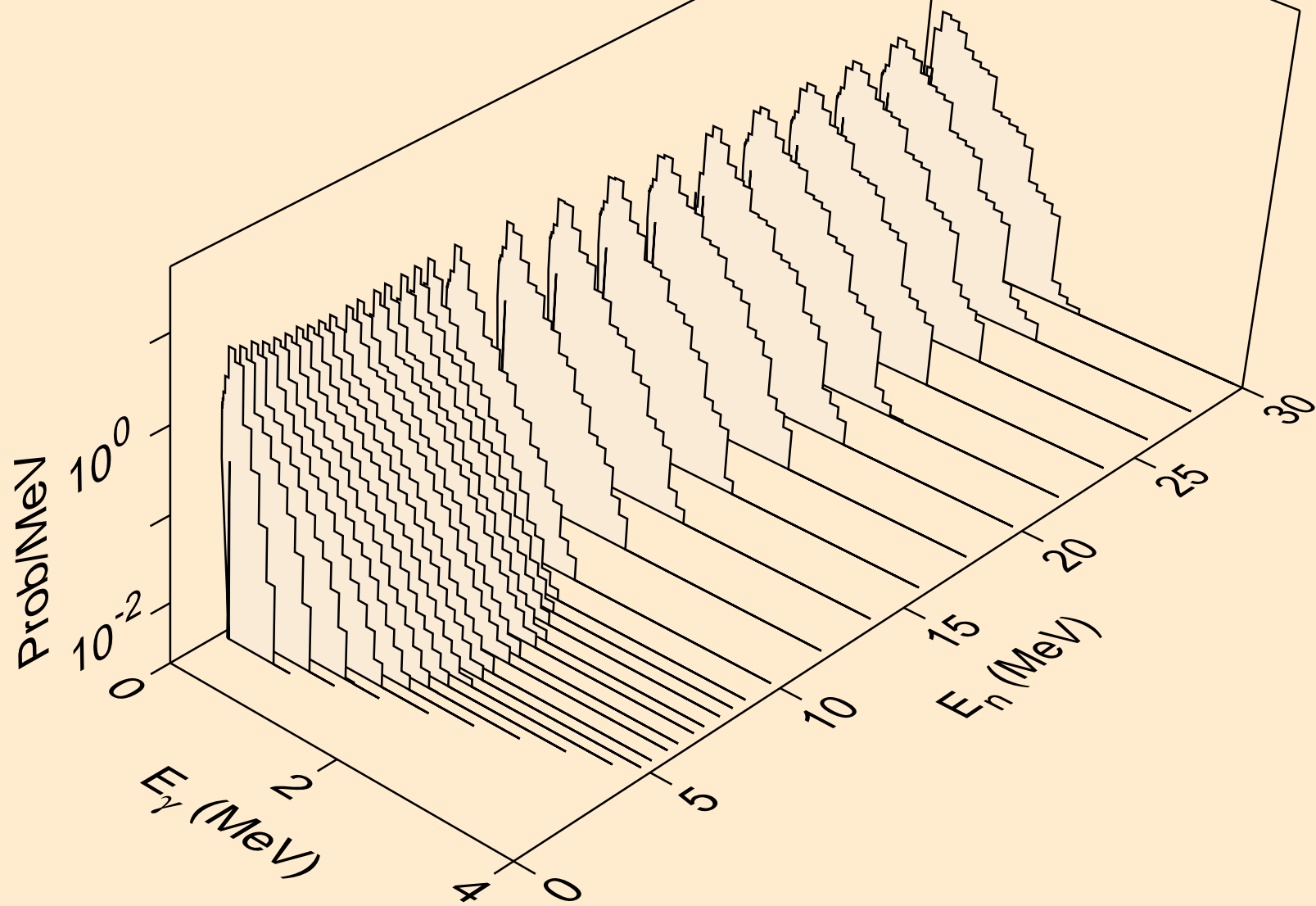
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Photon emission for (n,2n)



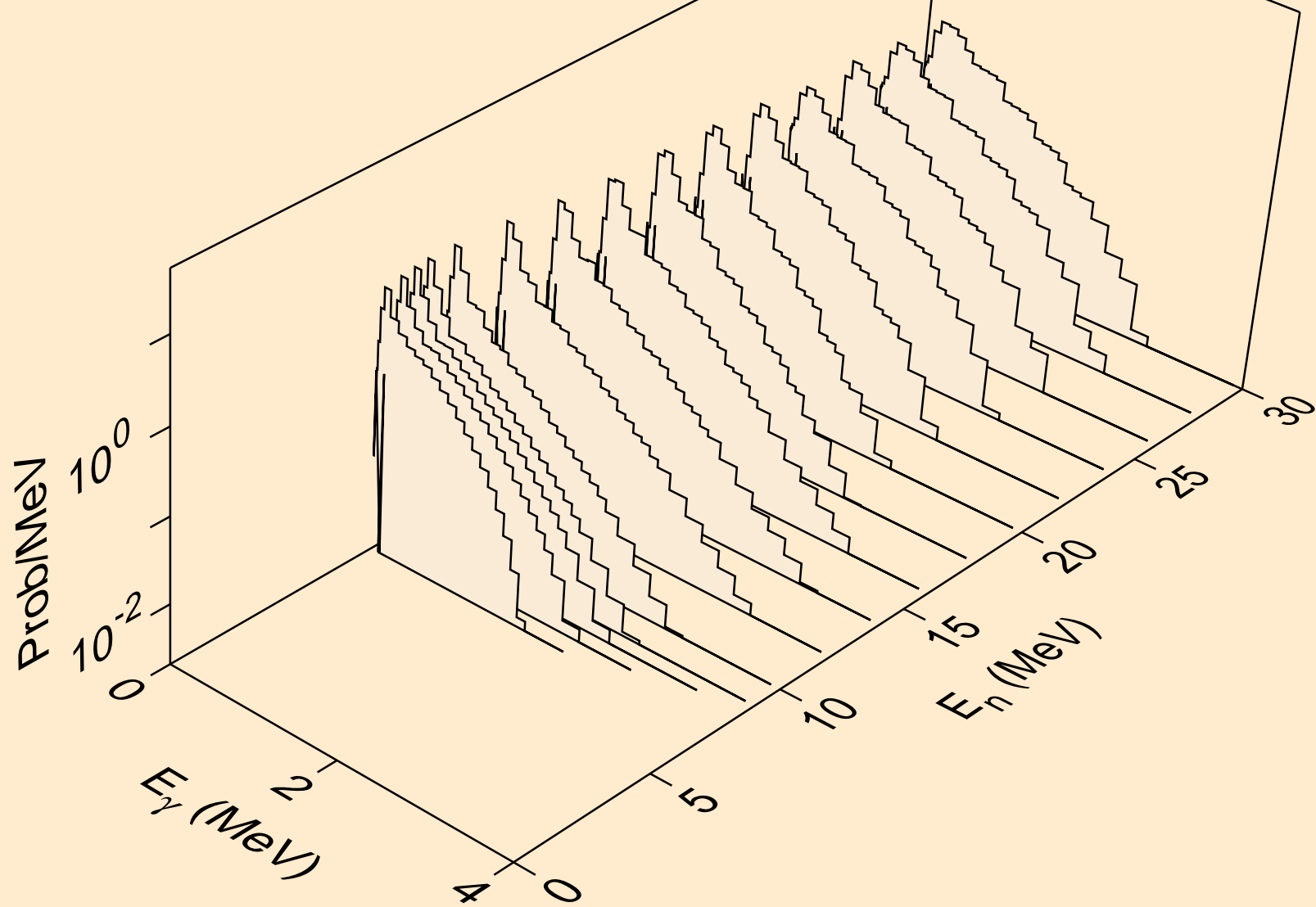
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



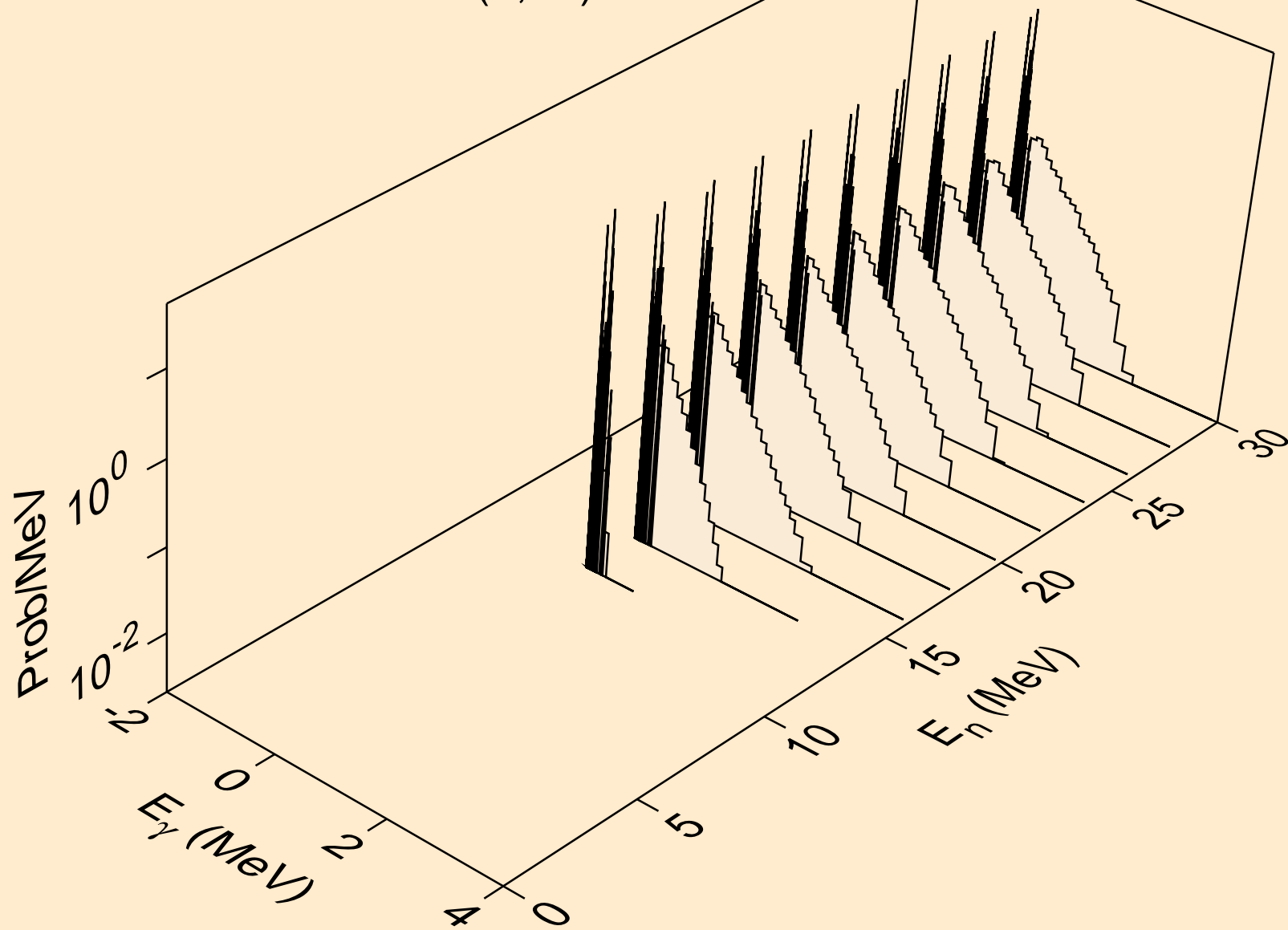
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



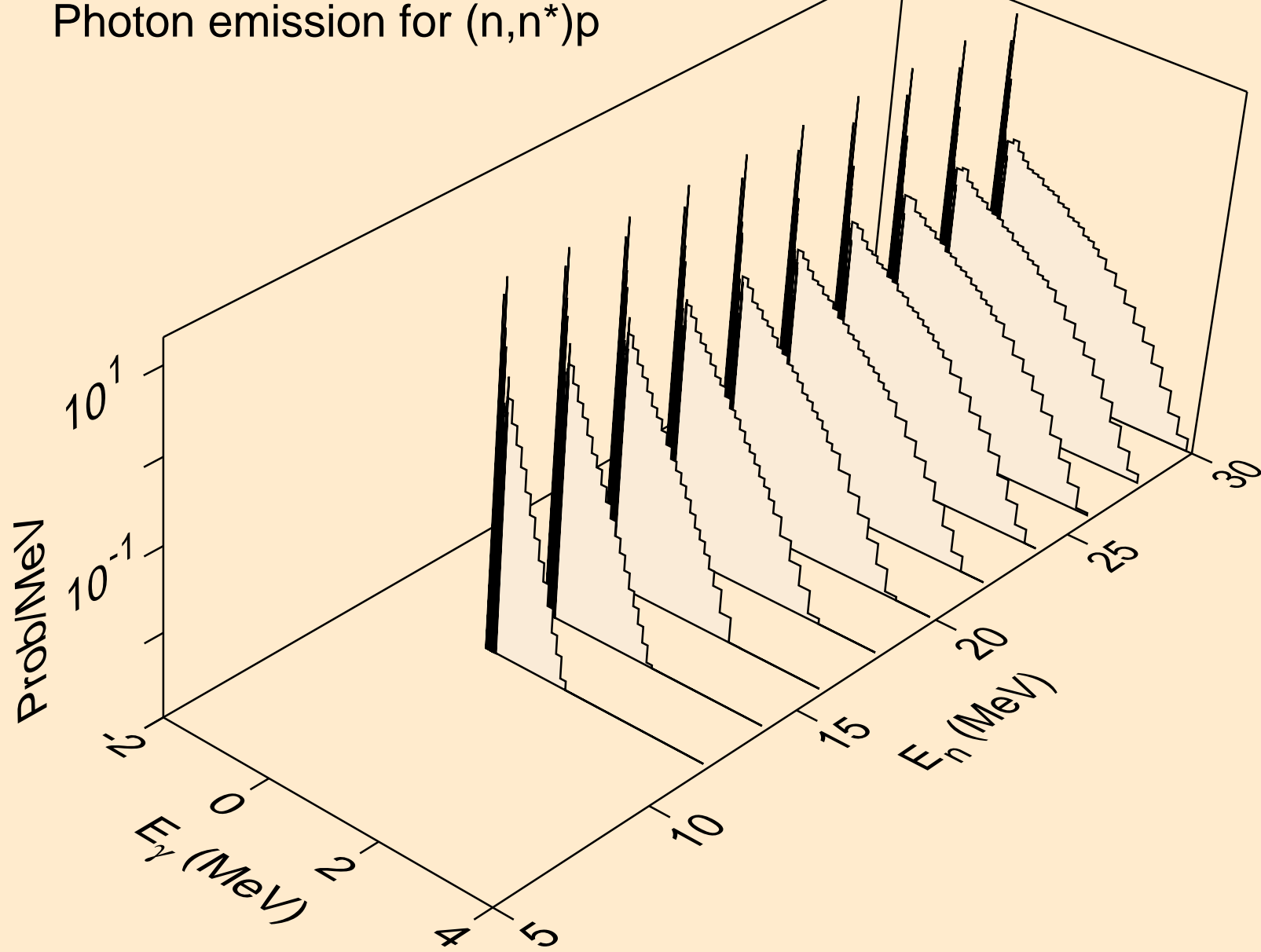
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



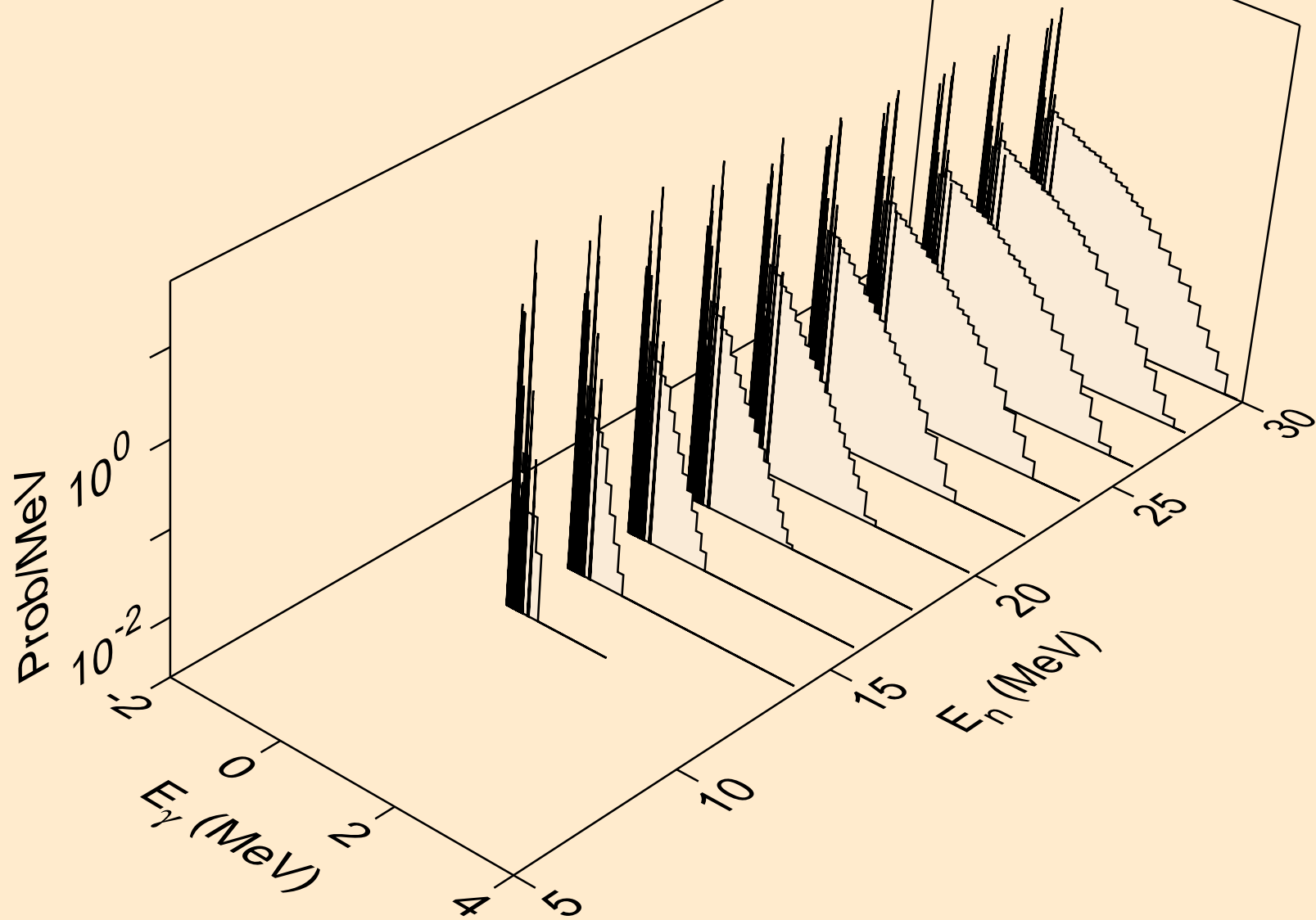
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



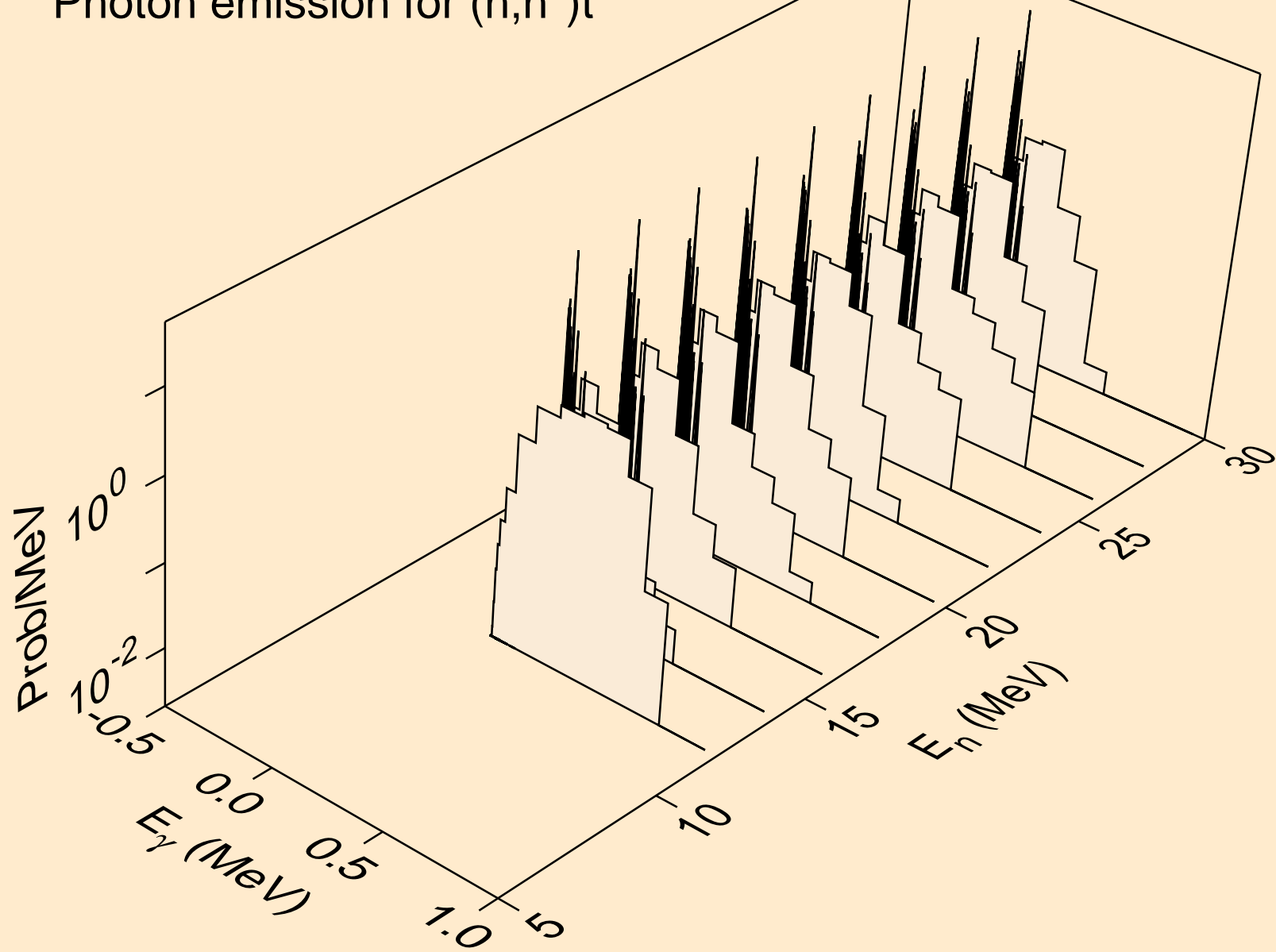
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



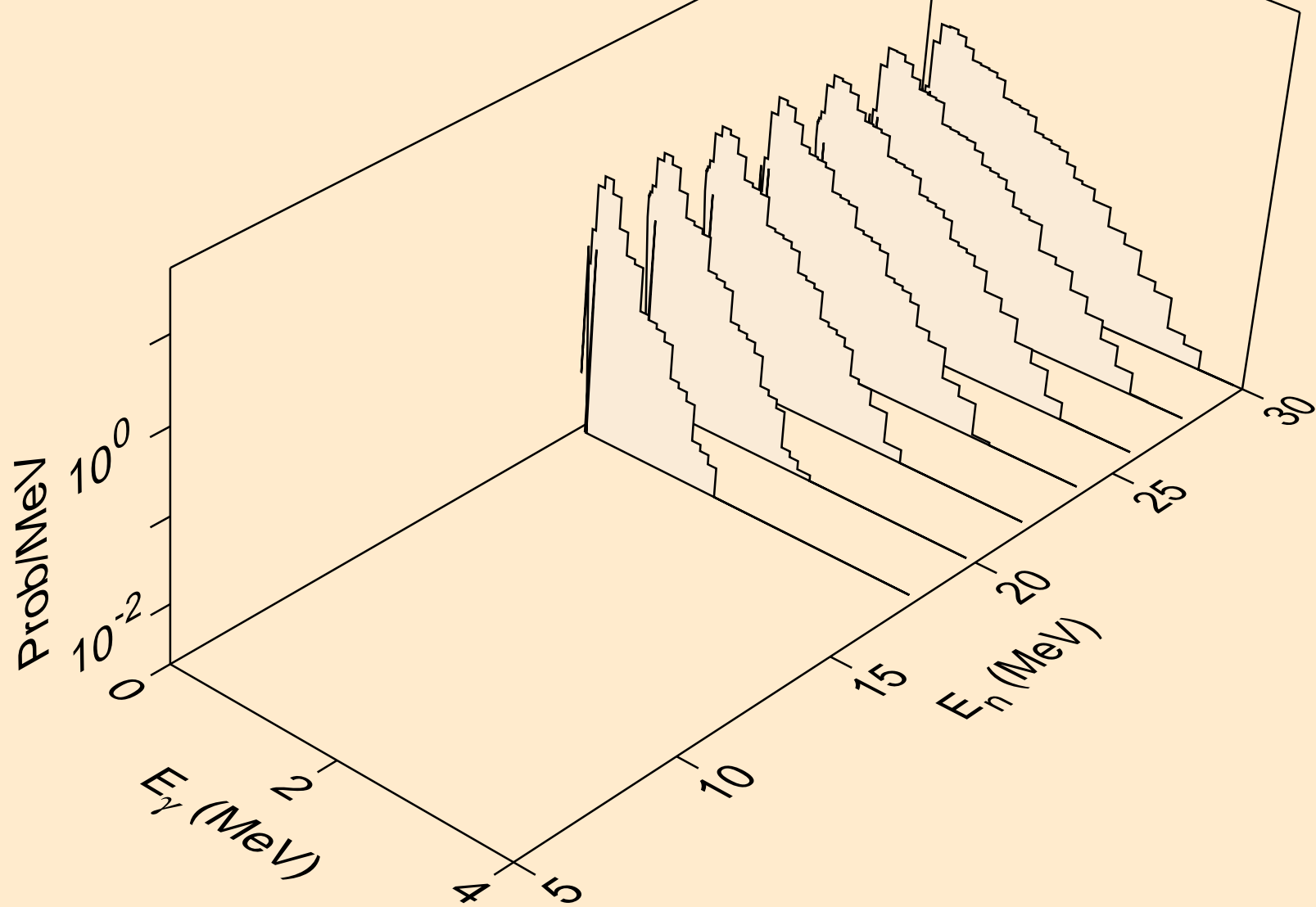
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



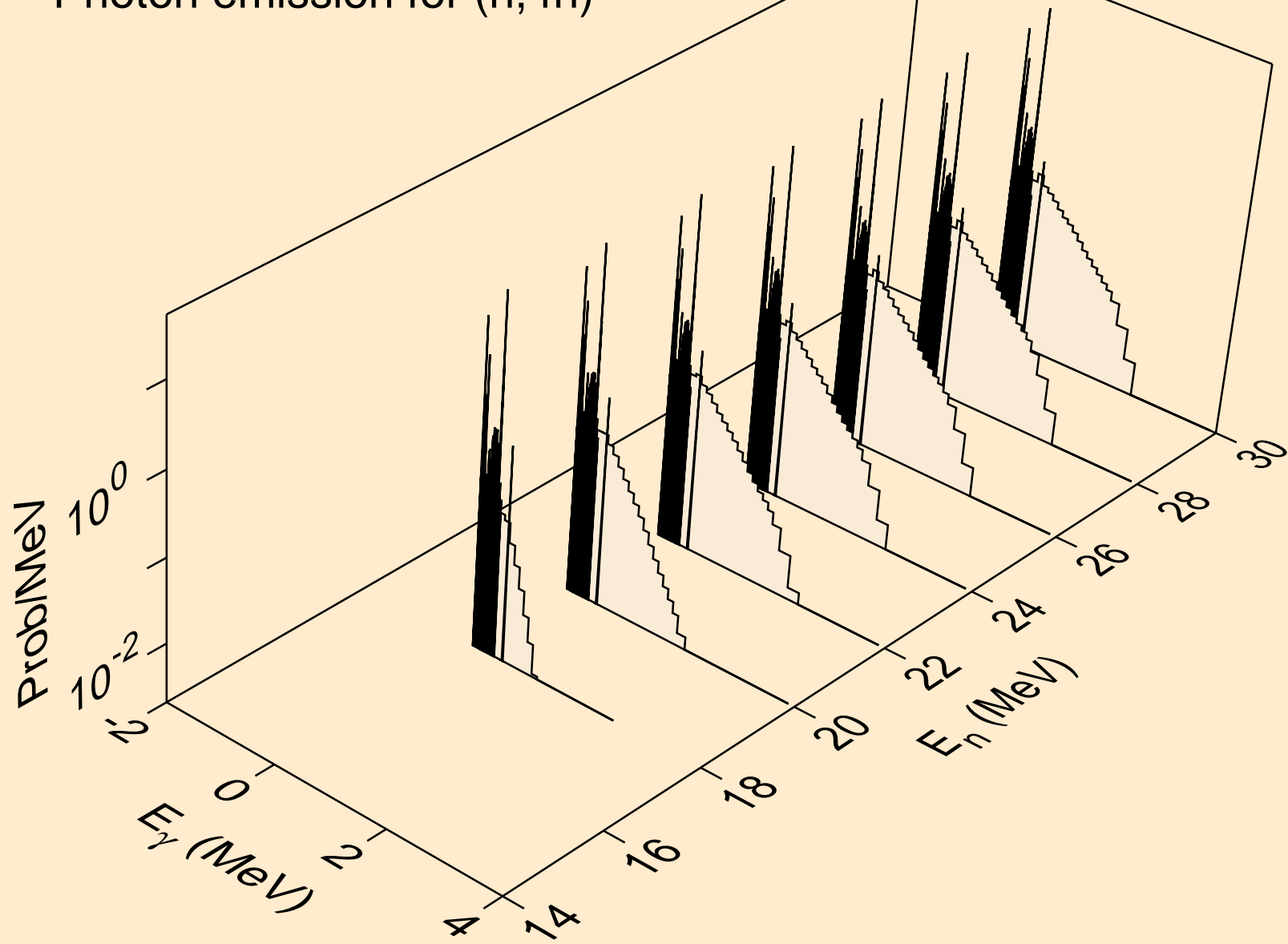
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



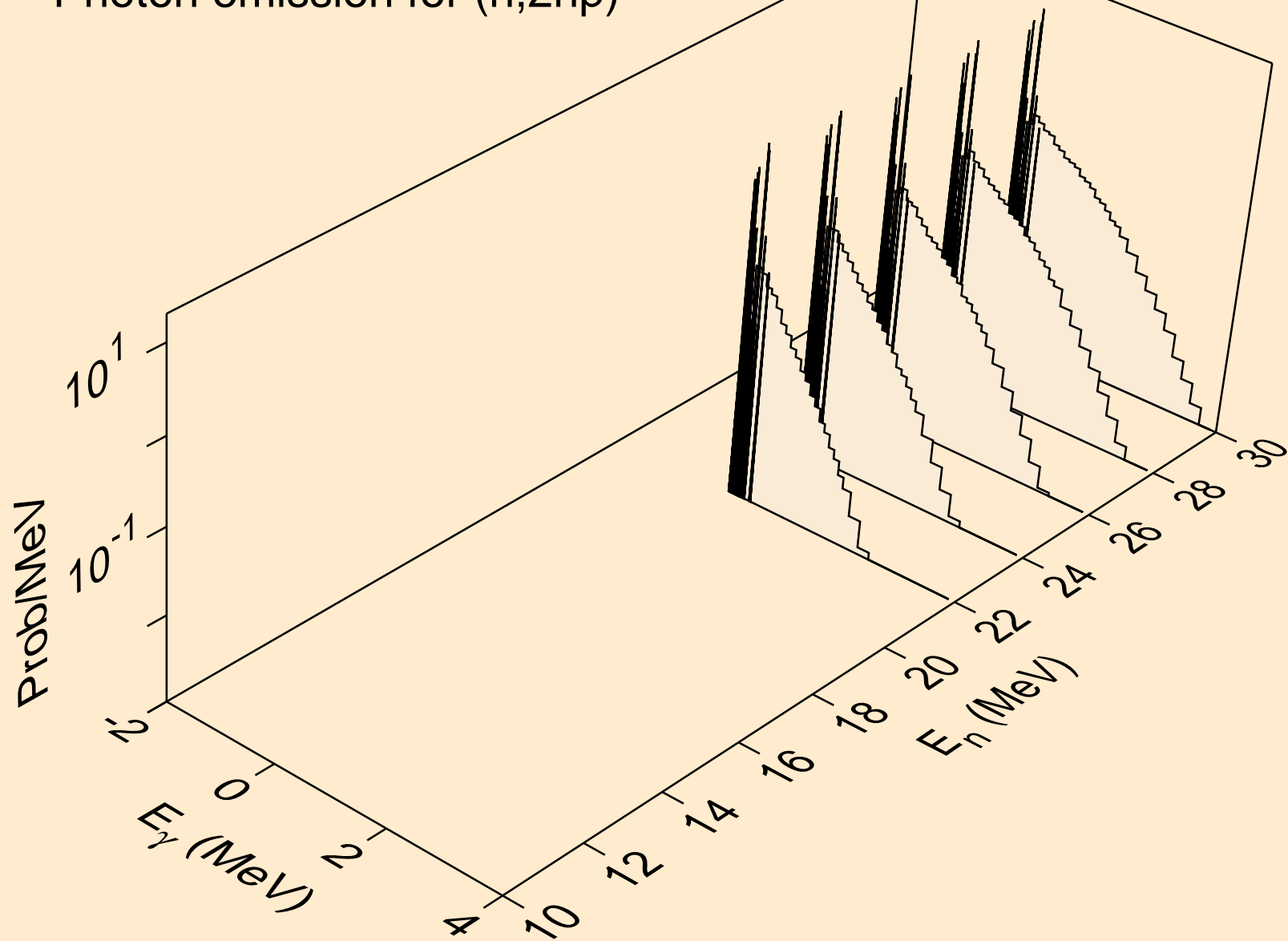
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



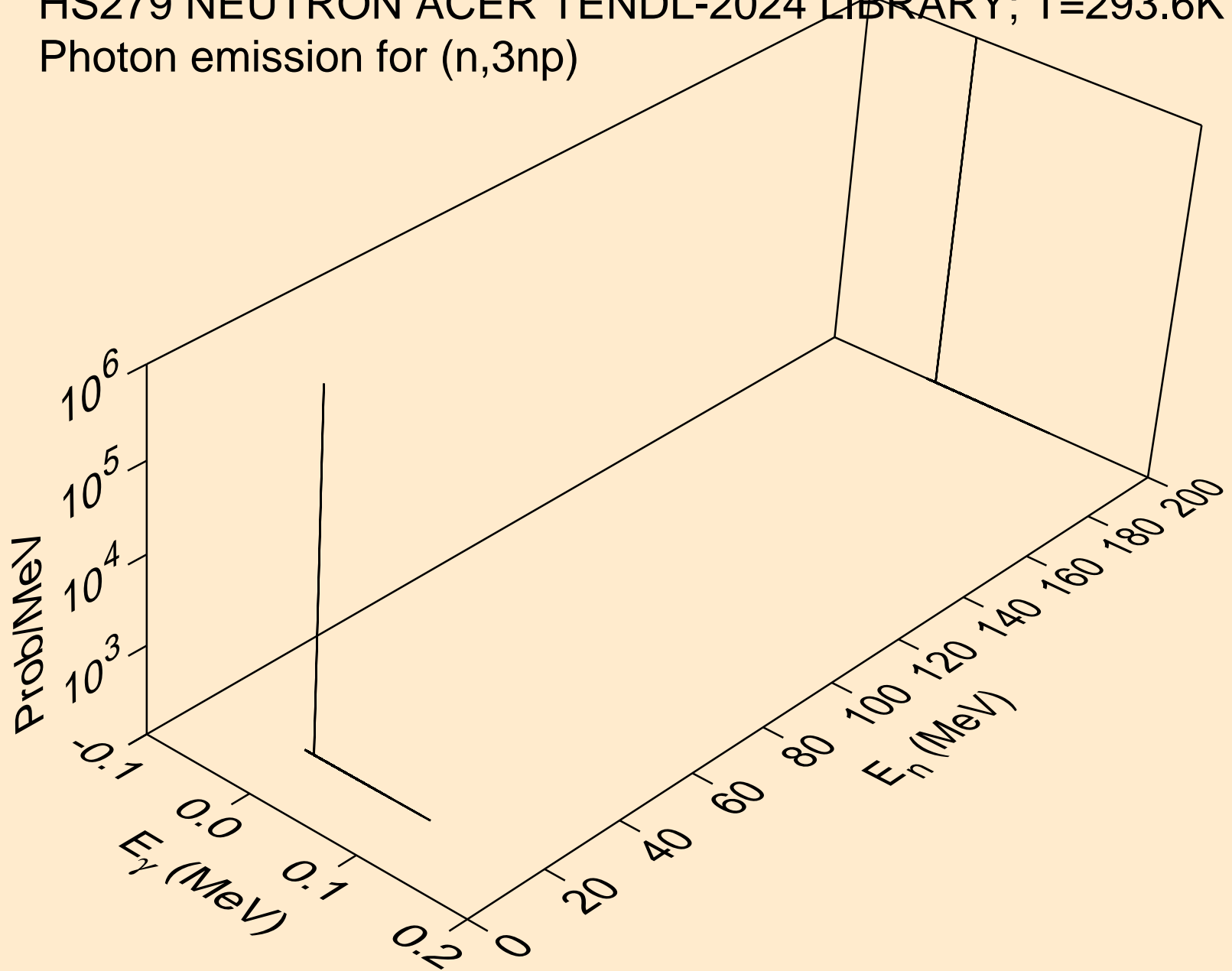
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



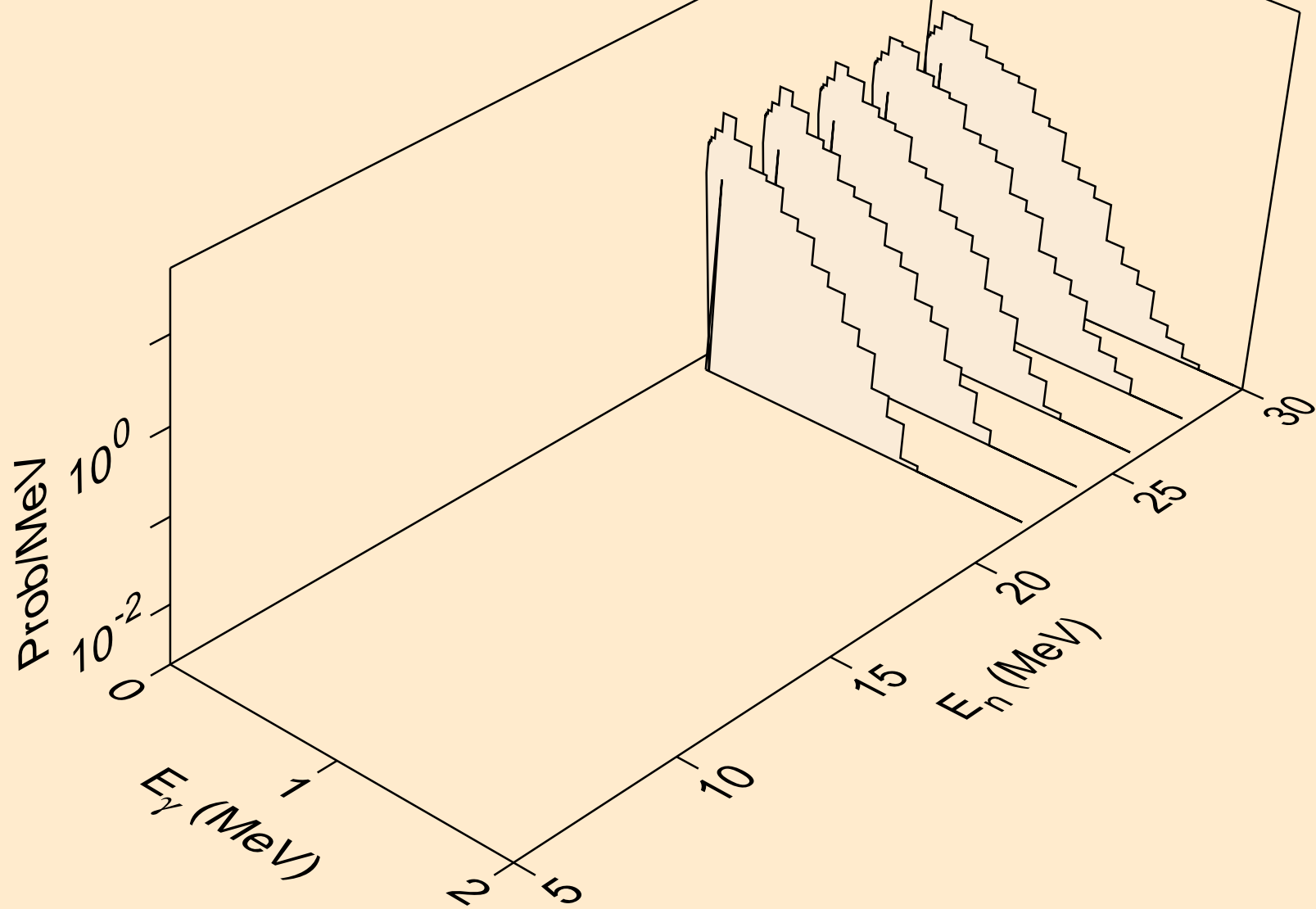
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Photon emission for (n,2np)



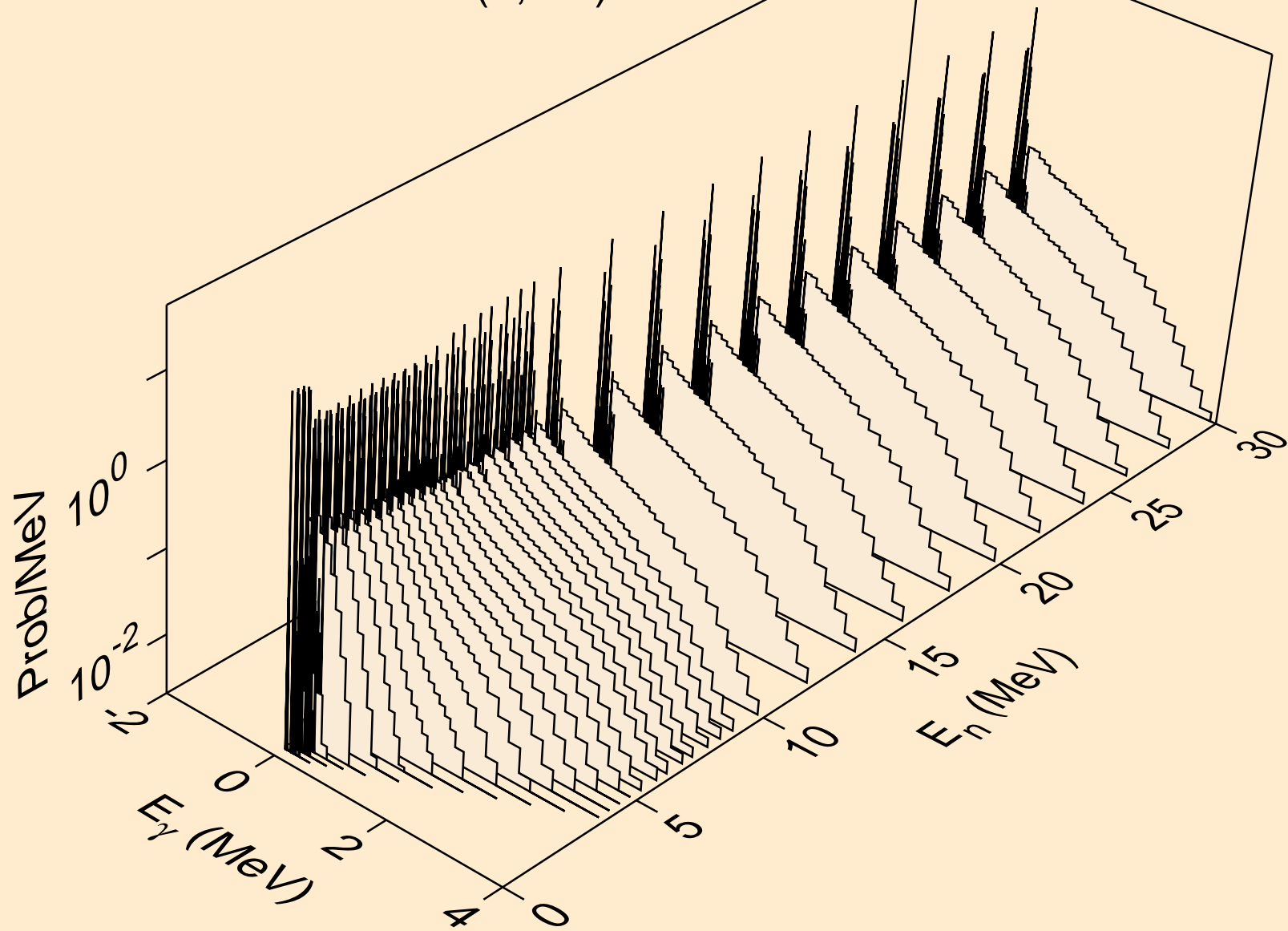
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



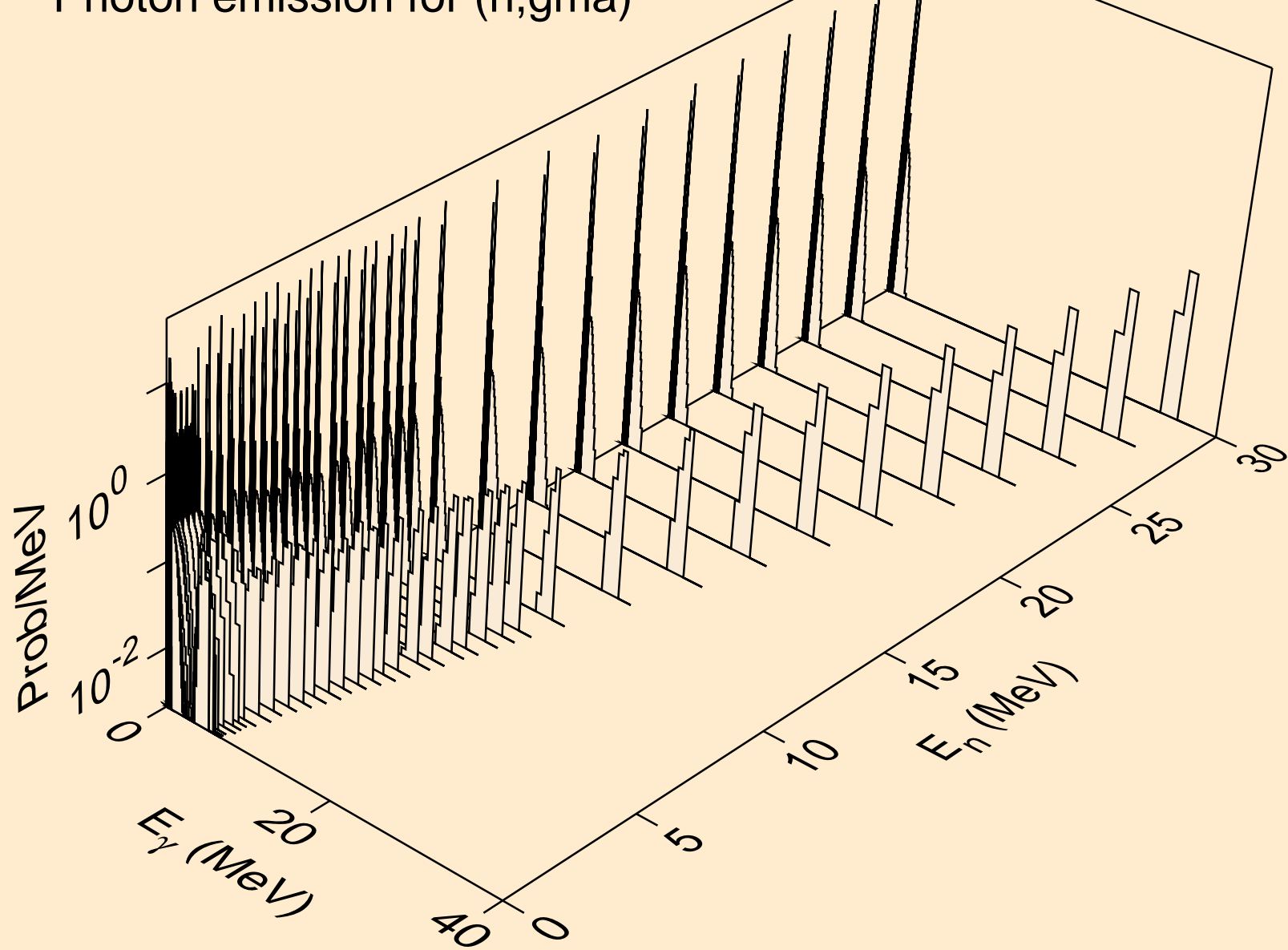
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



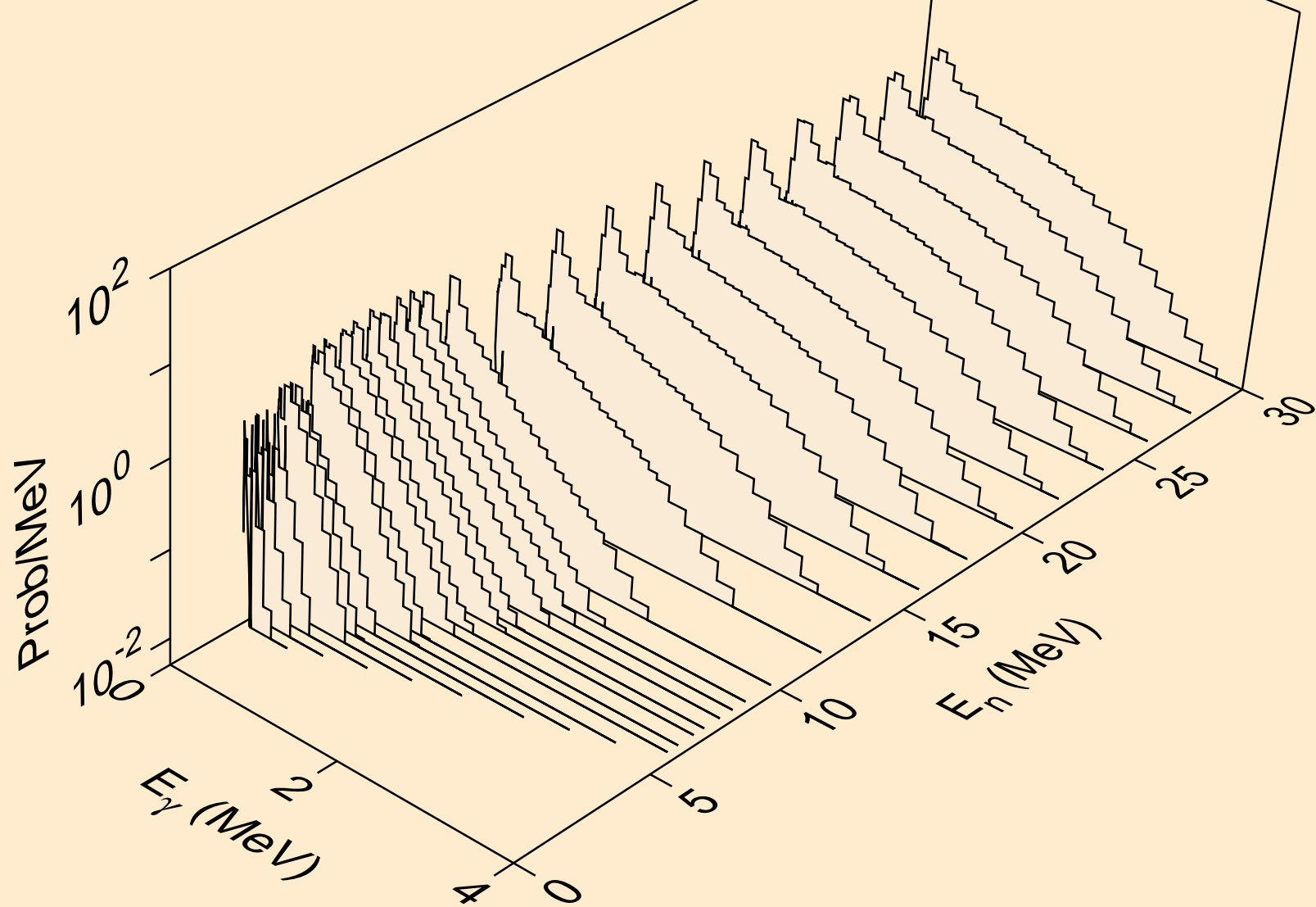
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



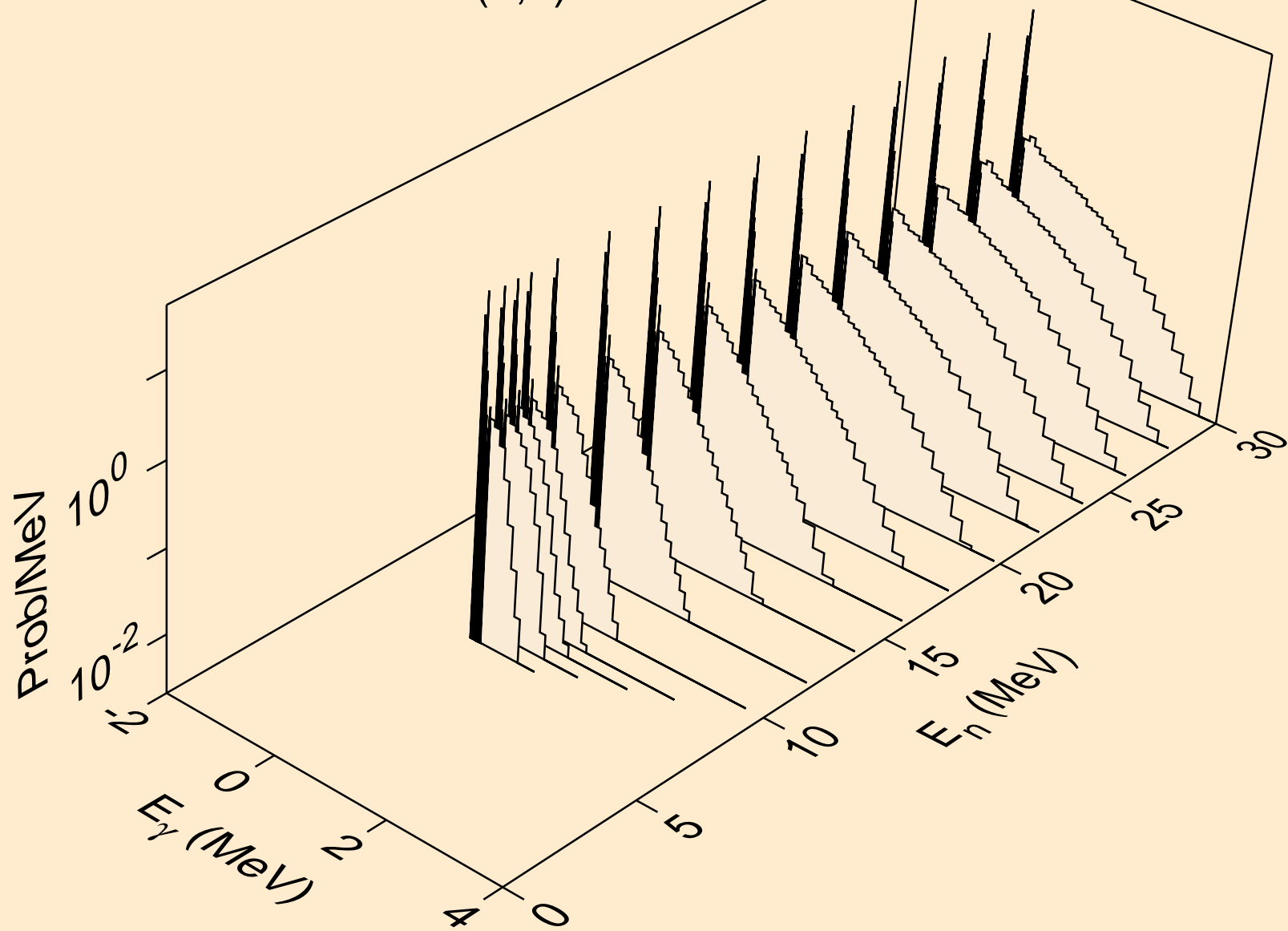
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



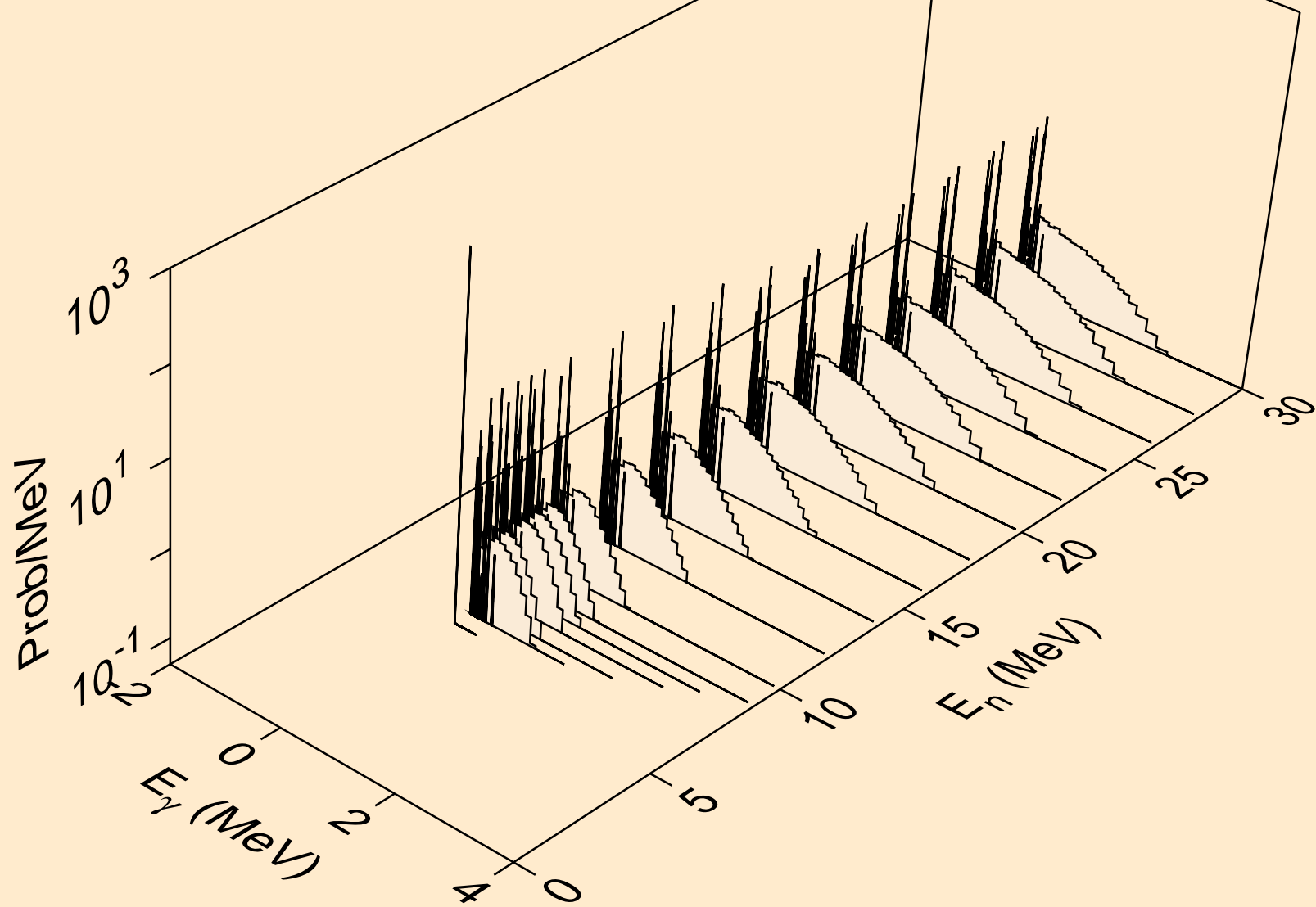
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



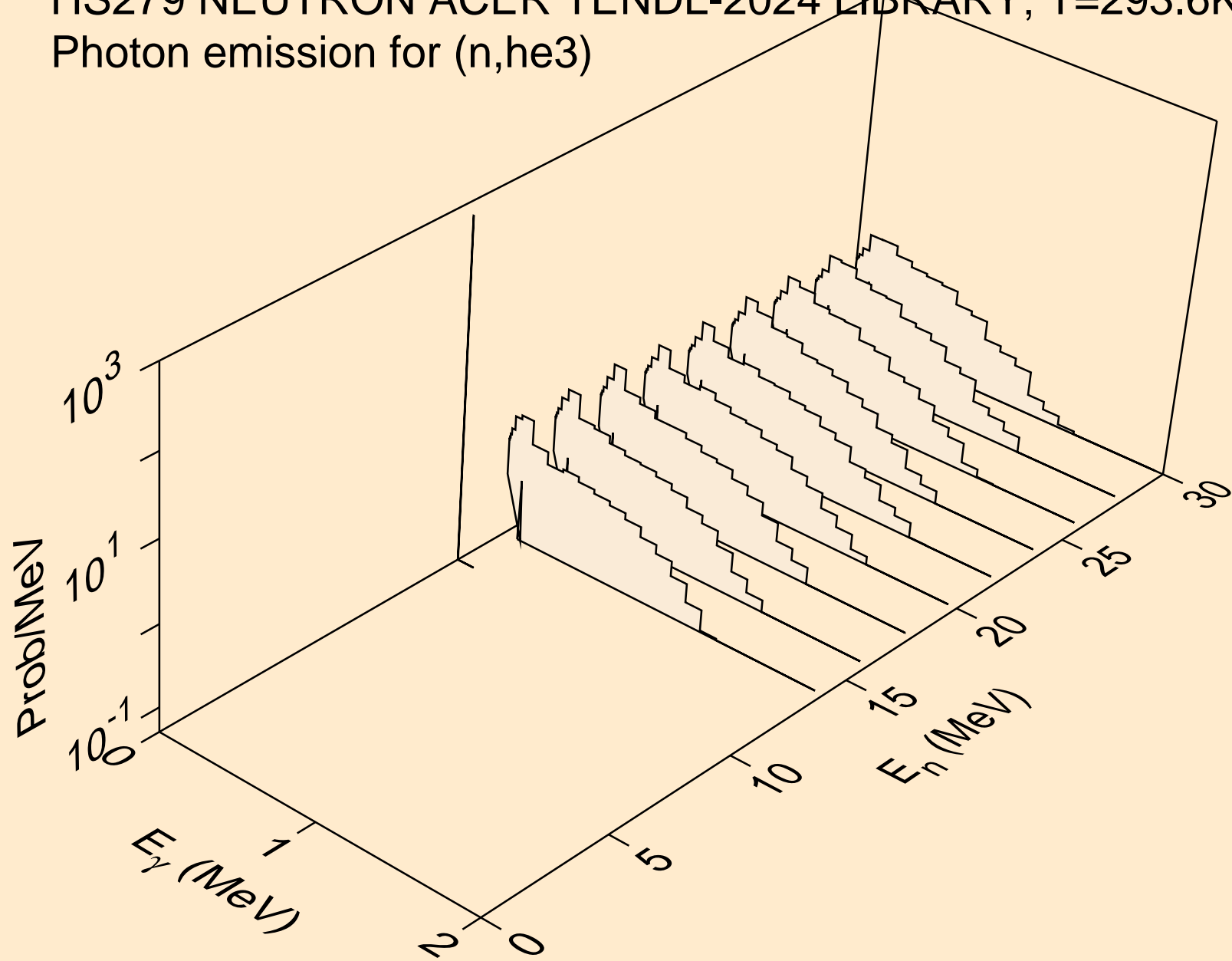
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



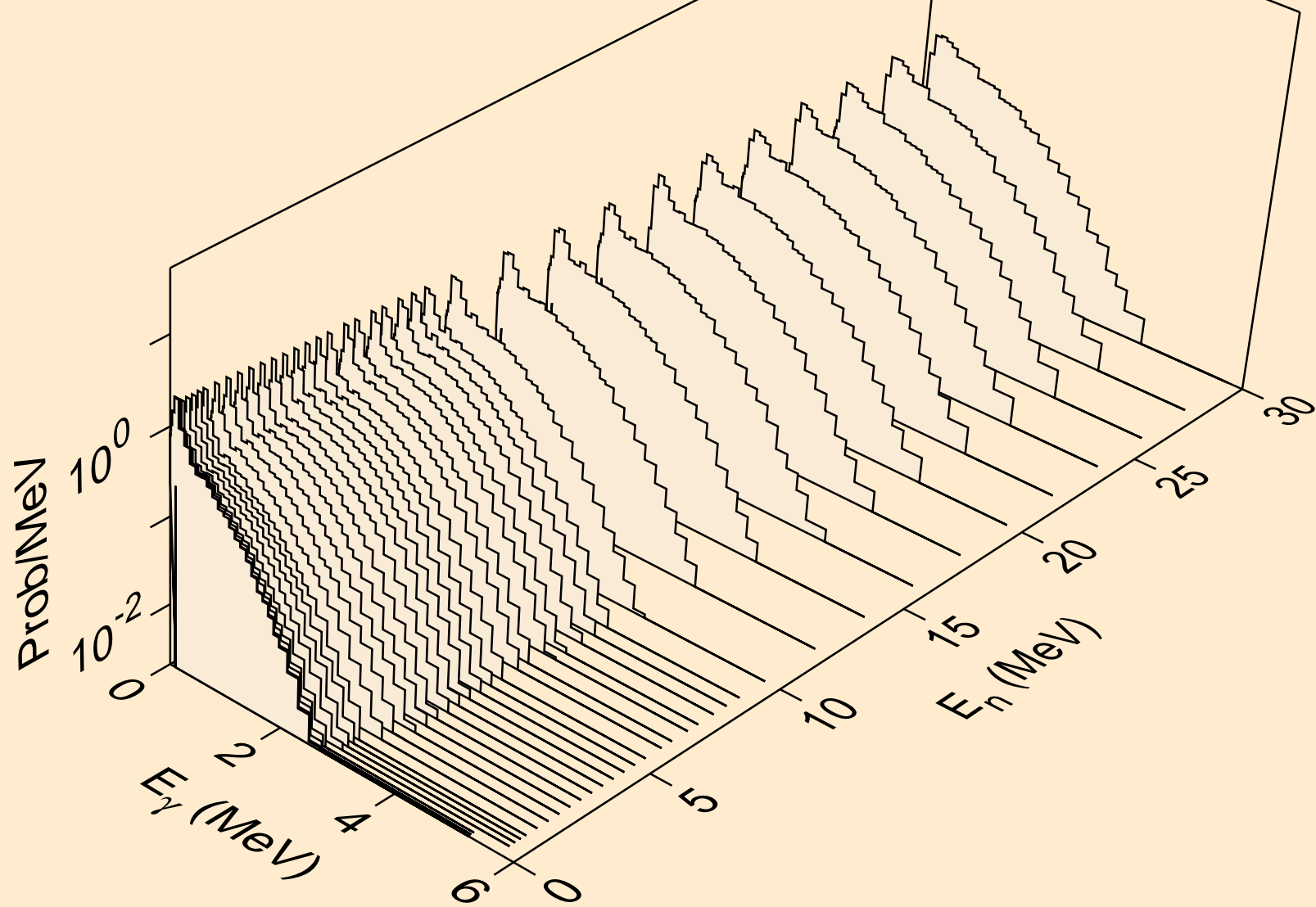
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



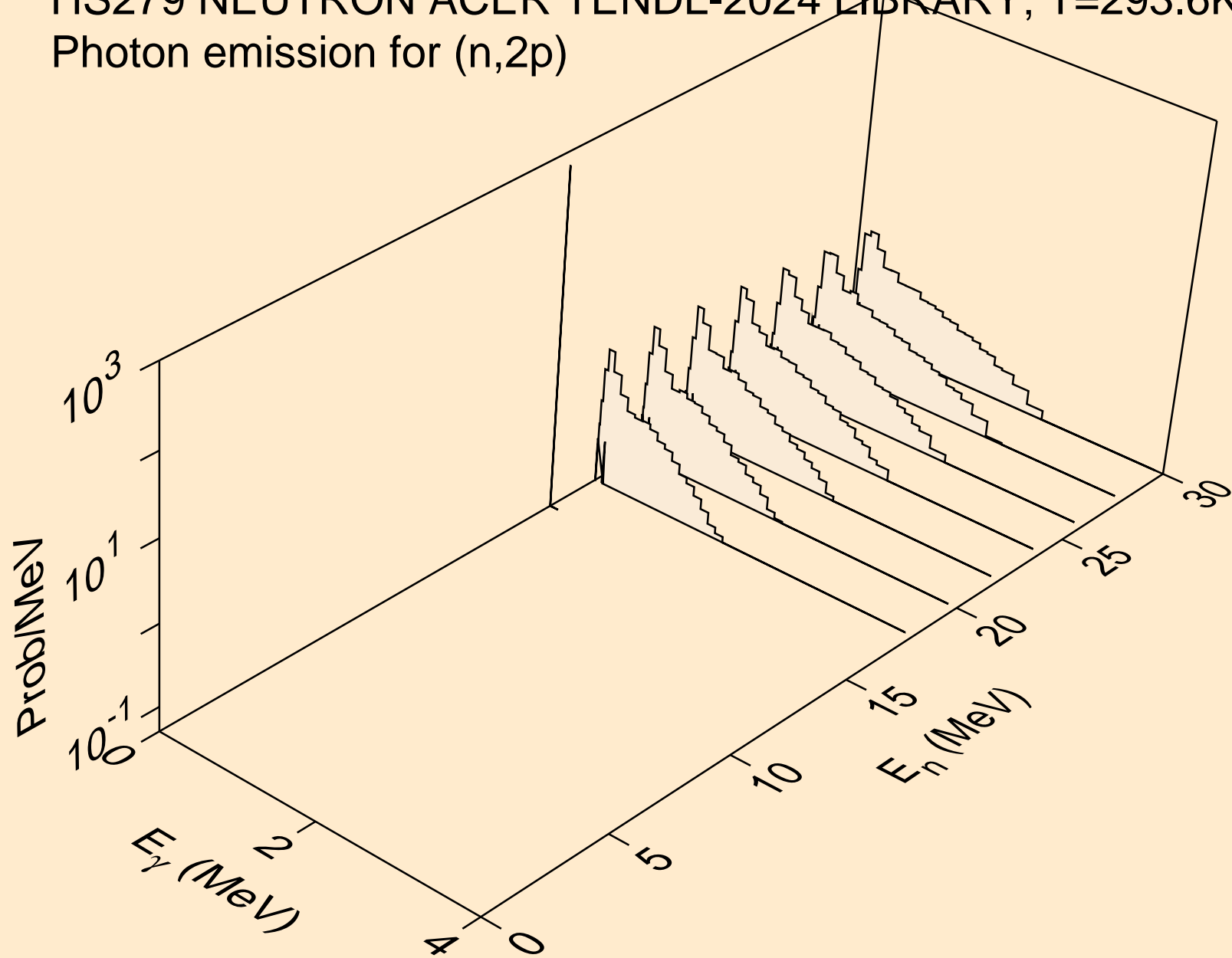
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



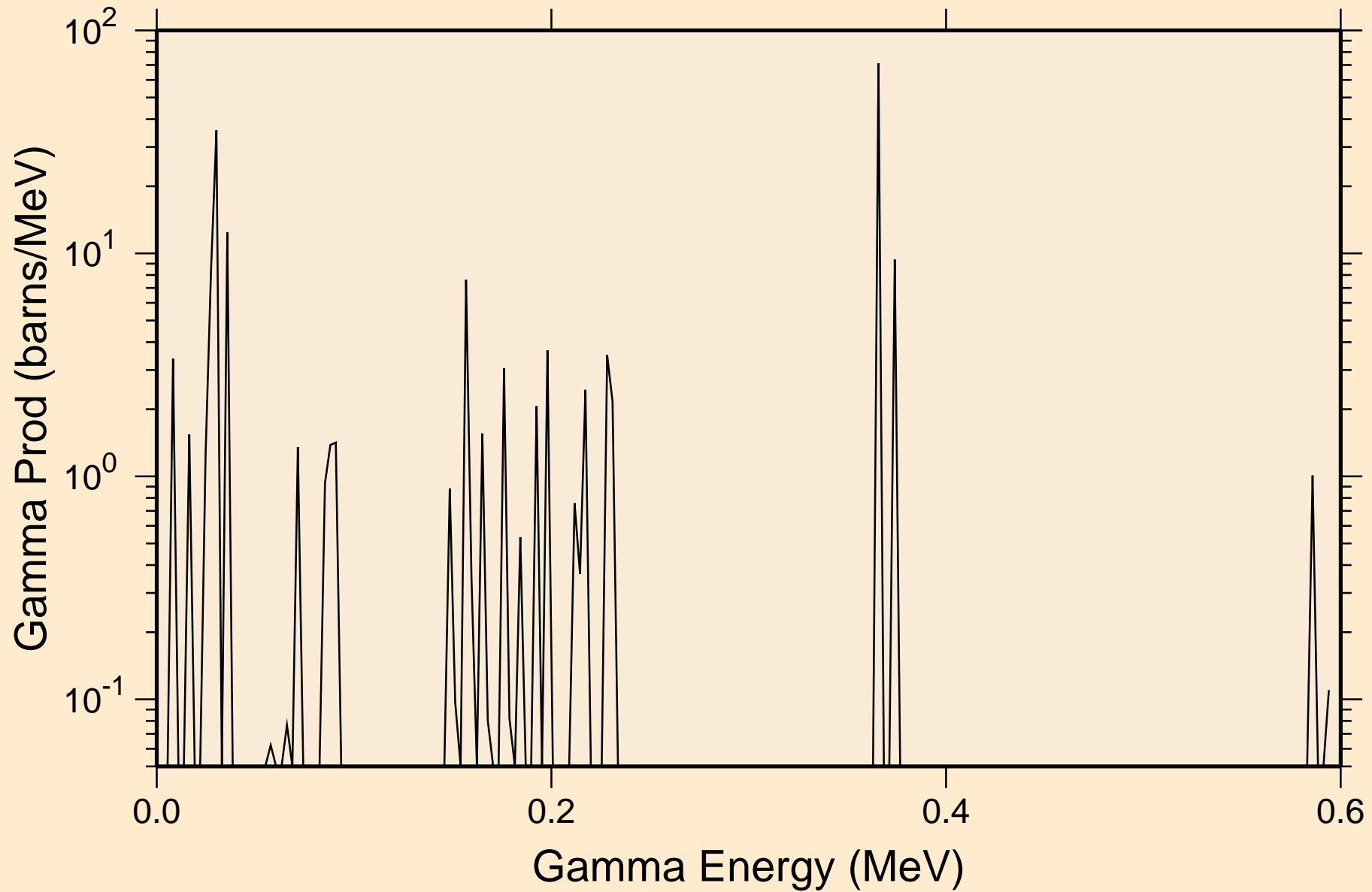
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



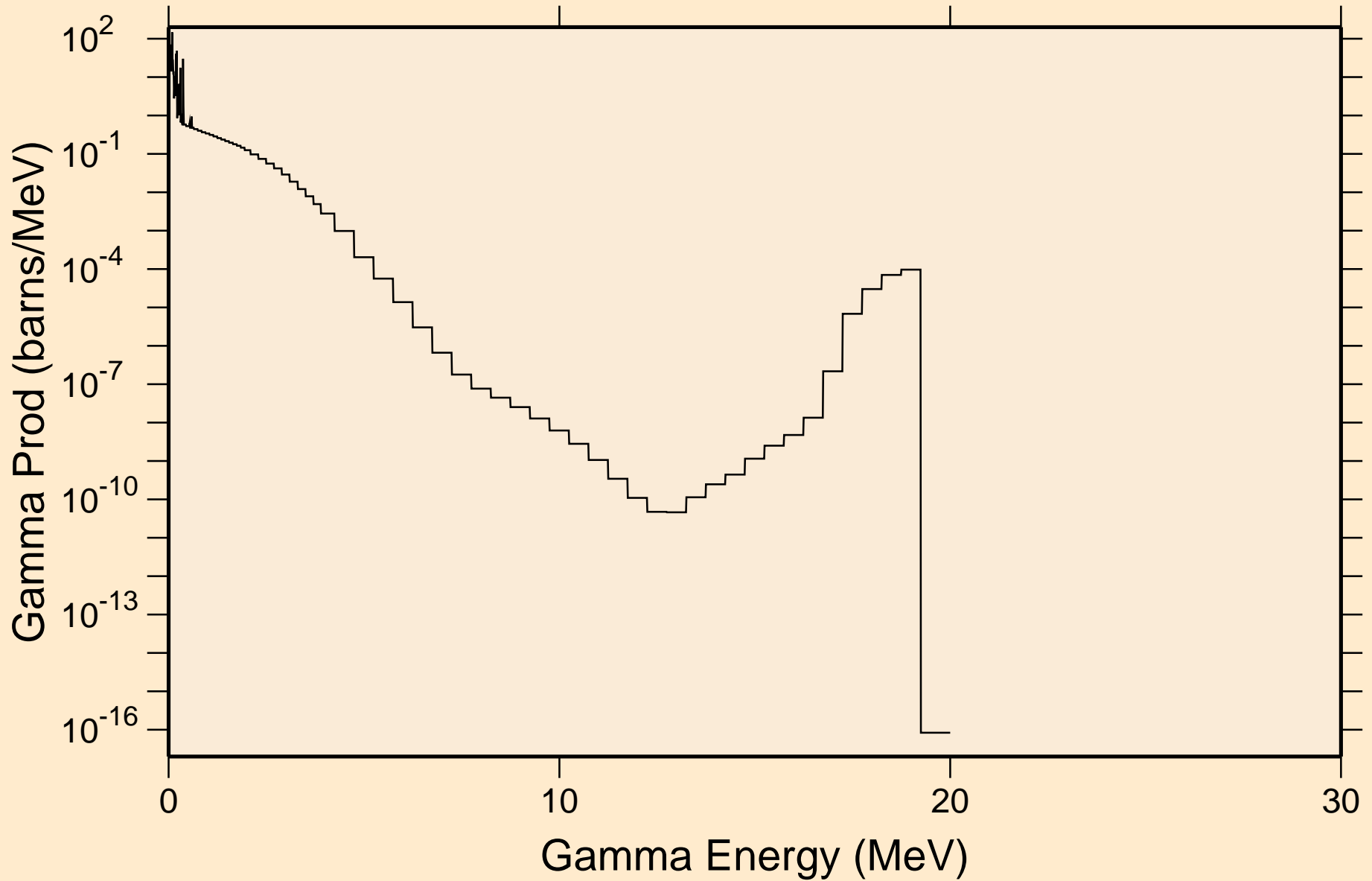
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

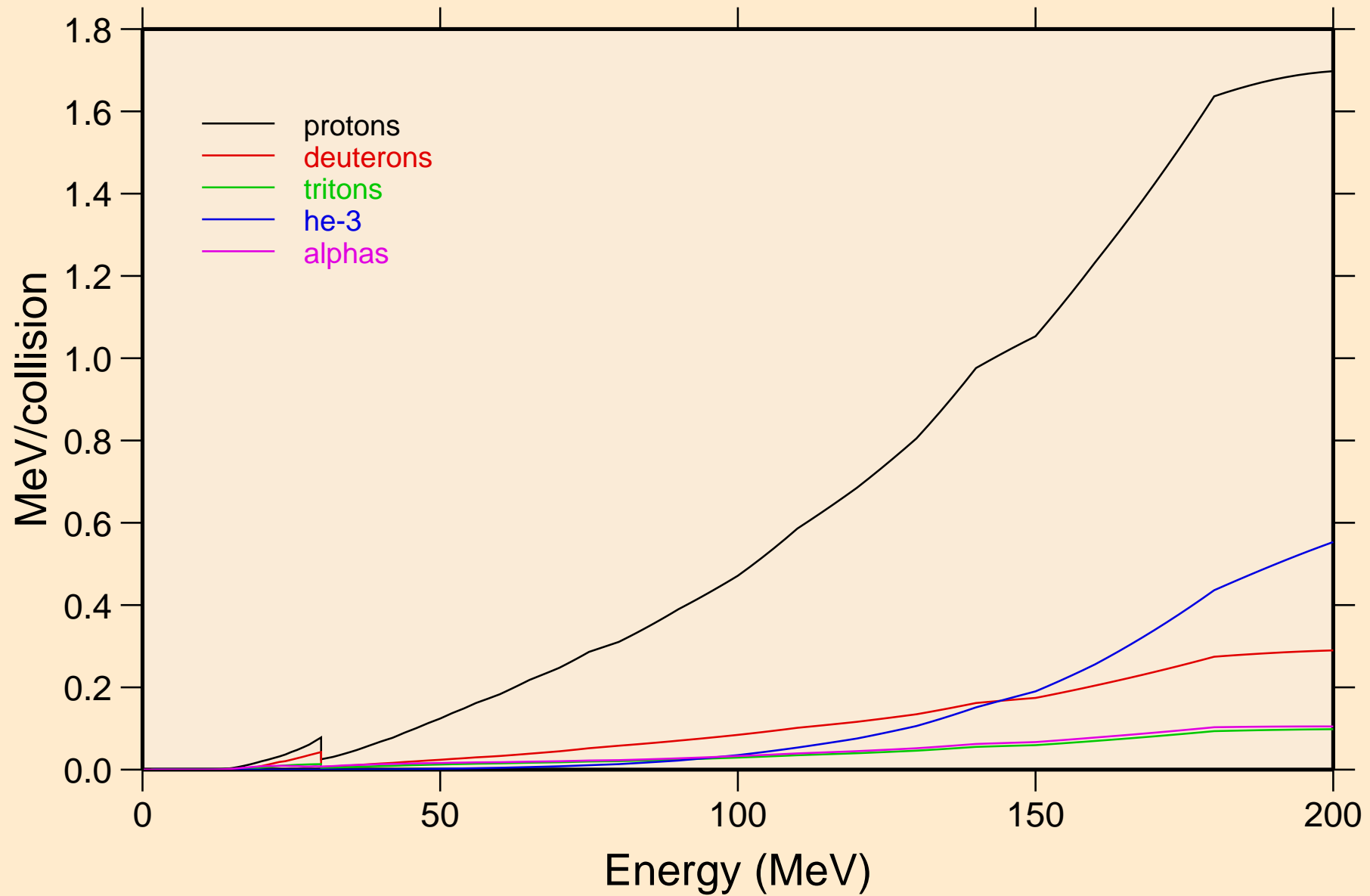


HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



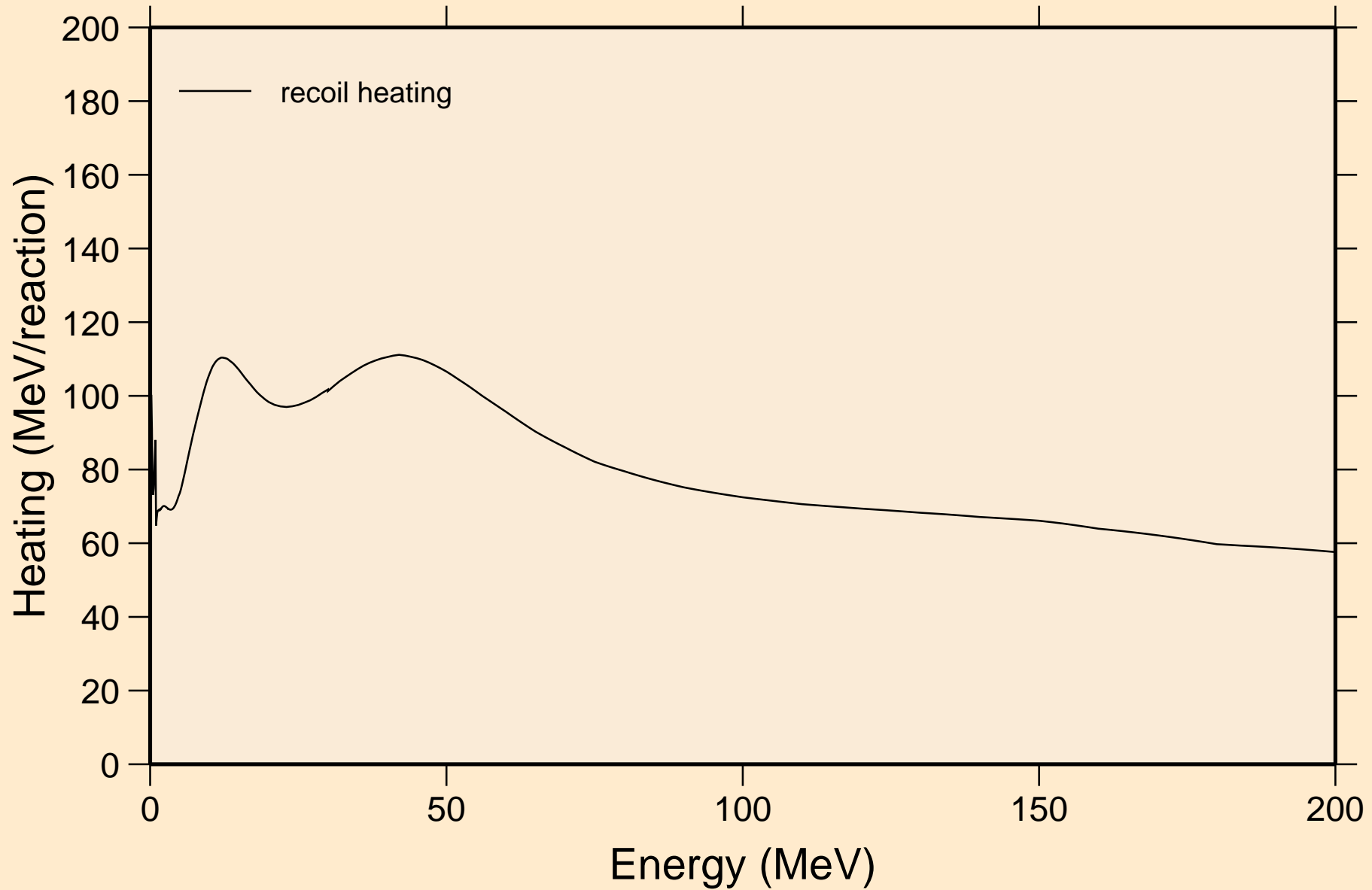
# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions



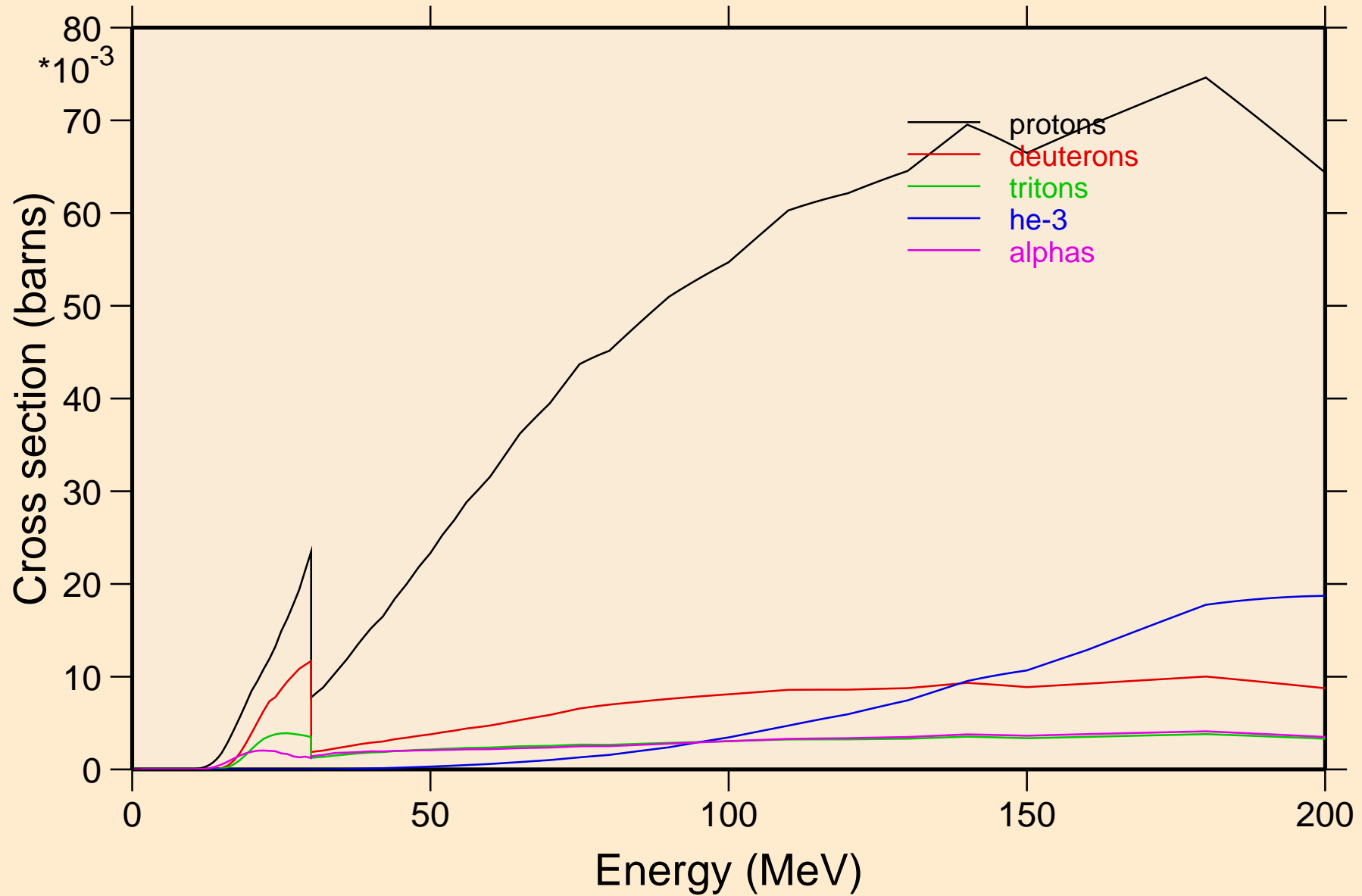
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## Recoil Heating

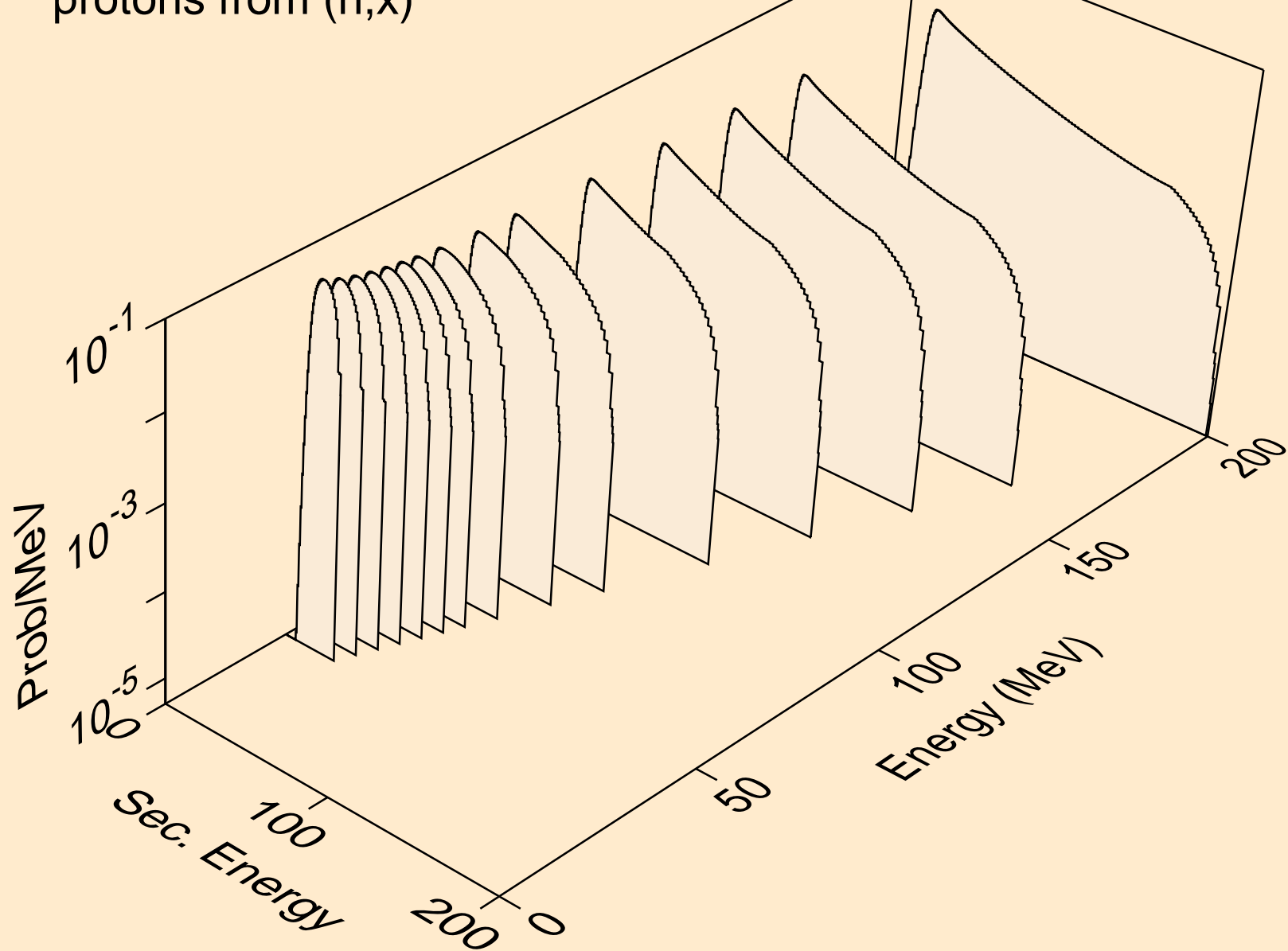


# HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

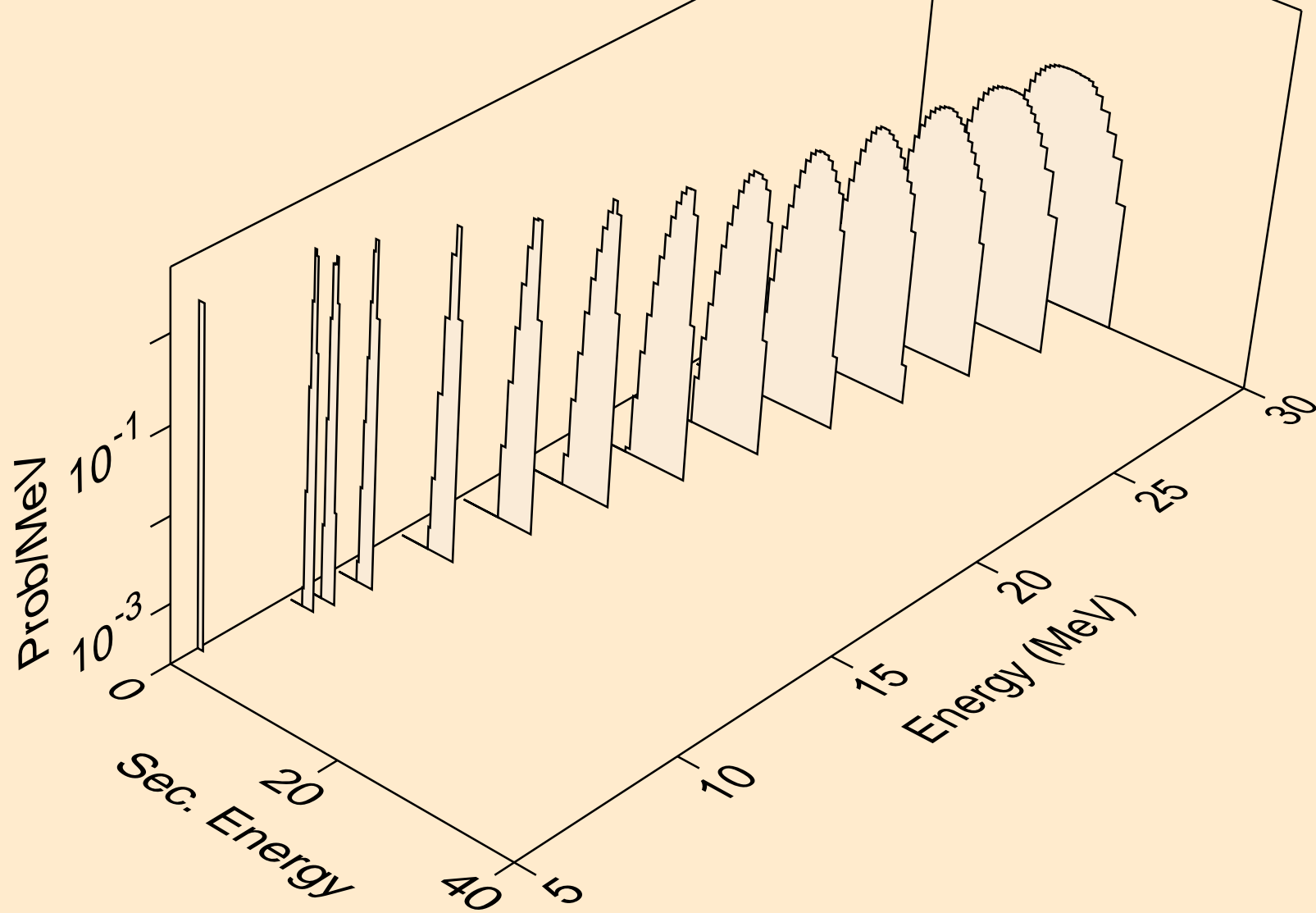
## Particle production cross sections



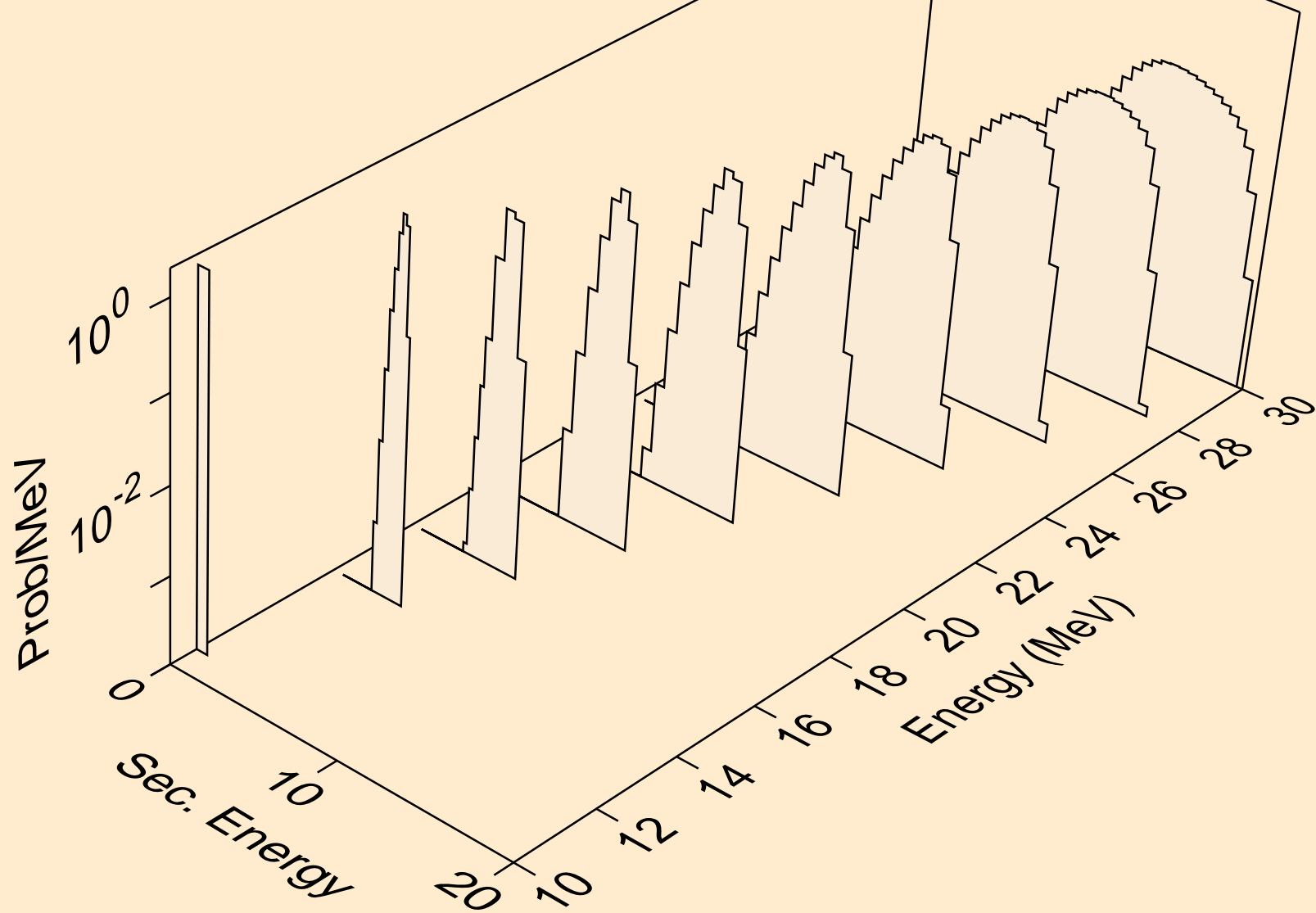
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



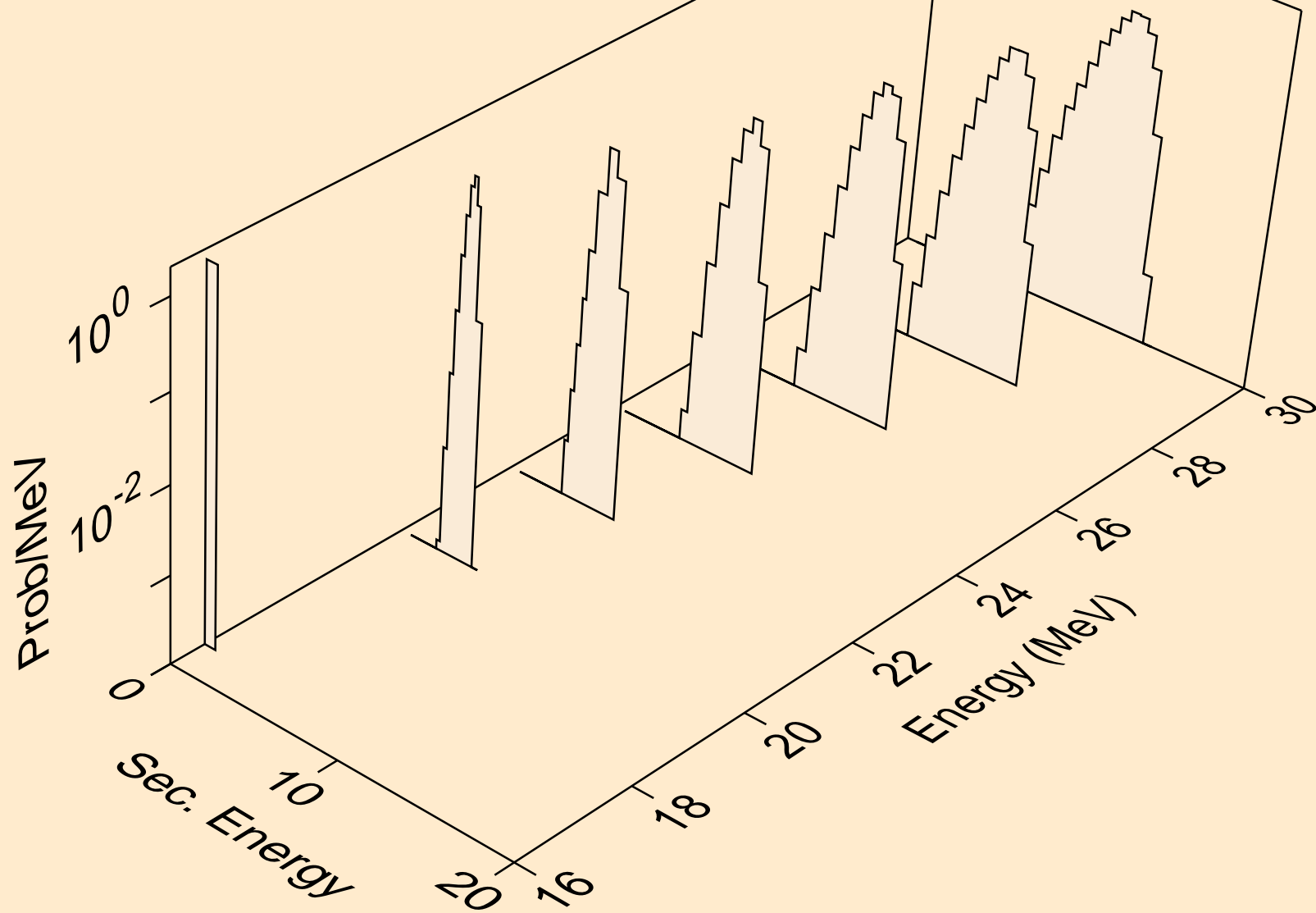
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



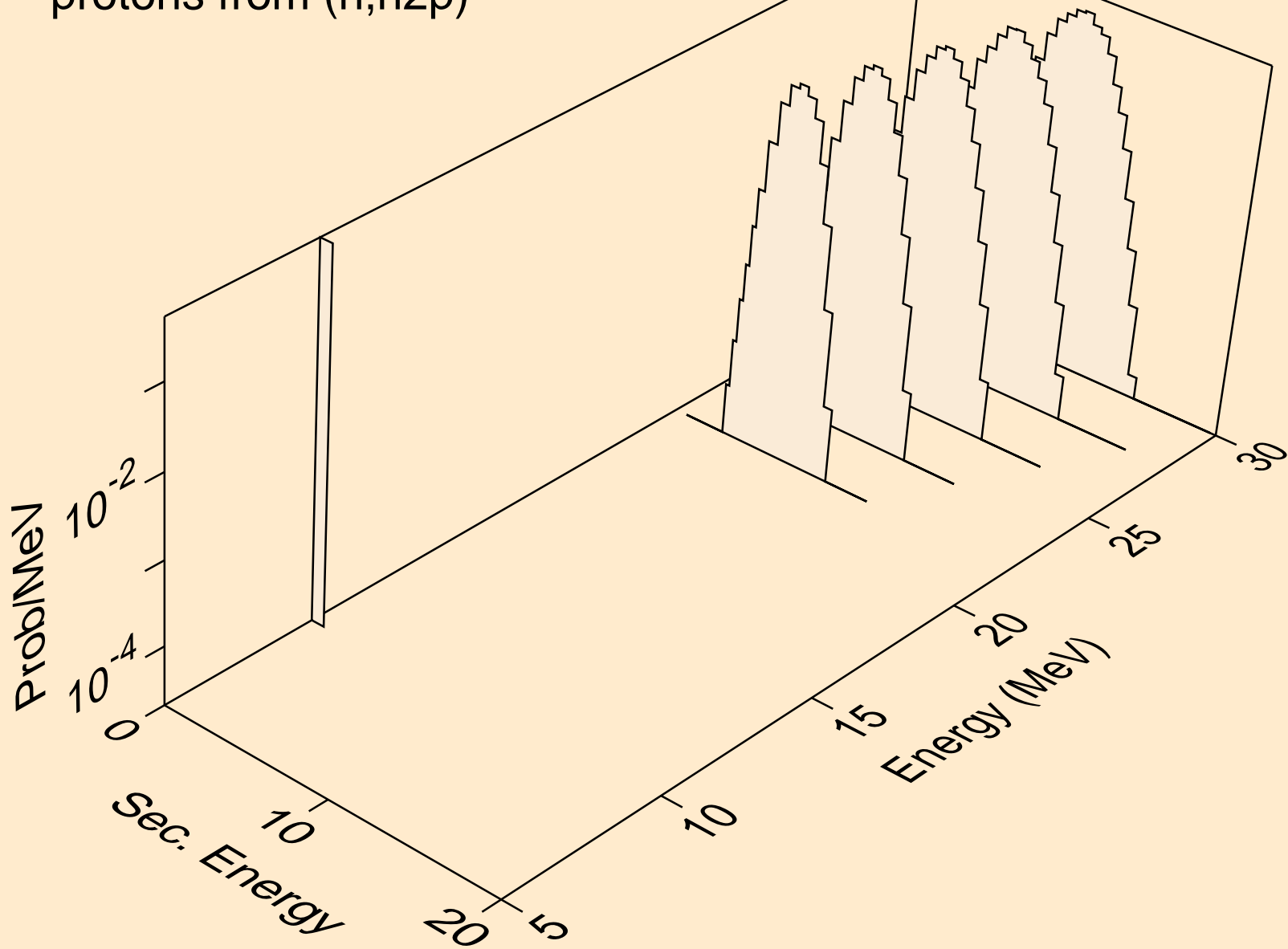
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



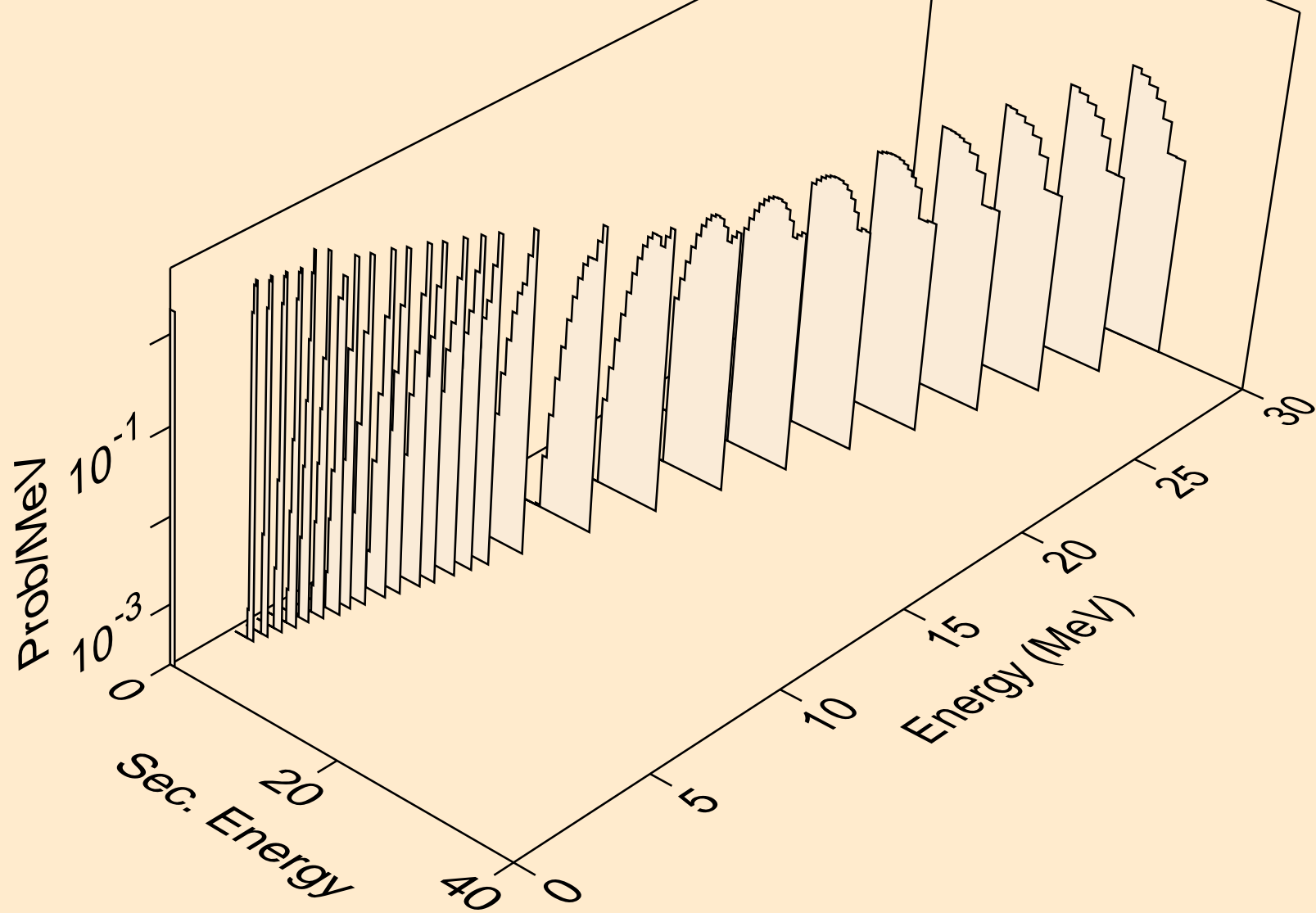
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



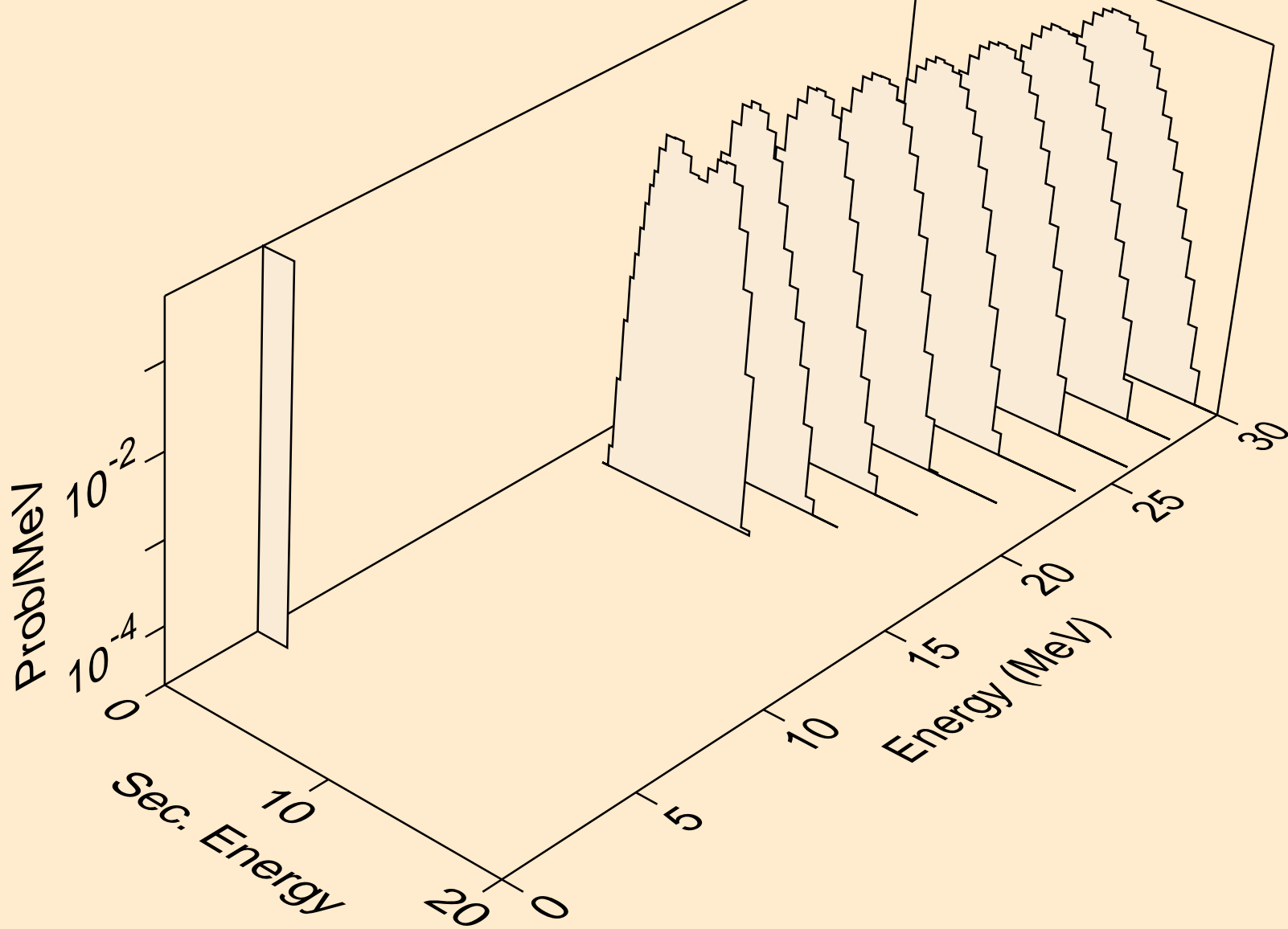
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



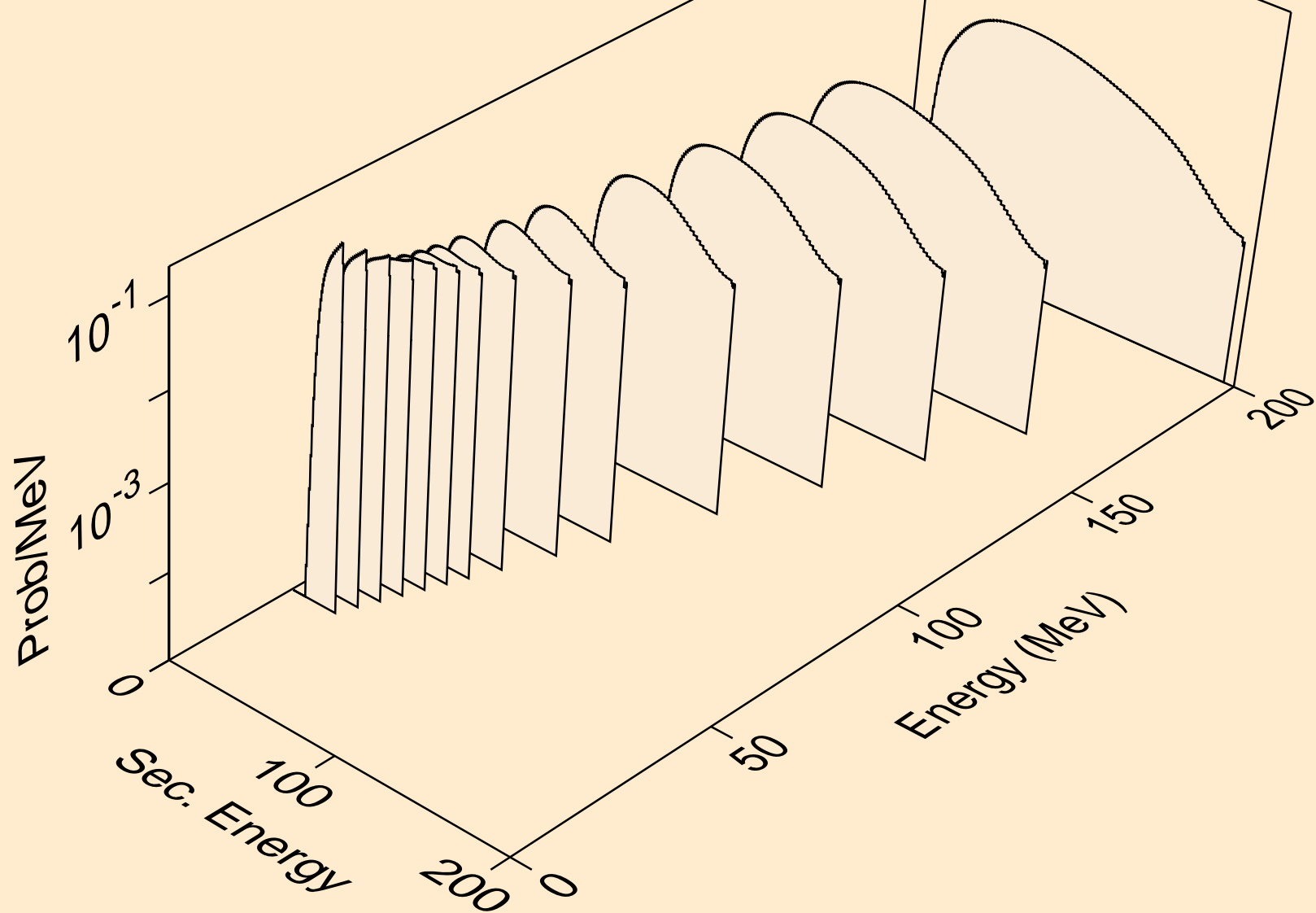
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protons from (n,p)



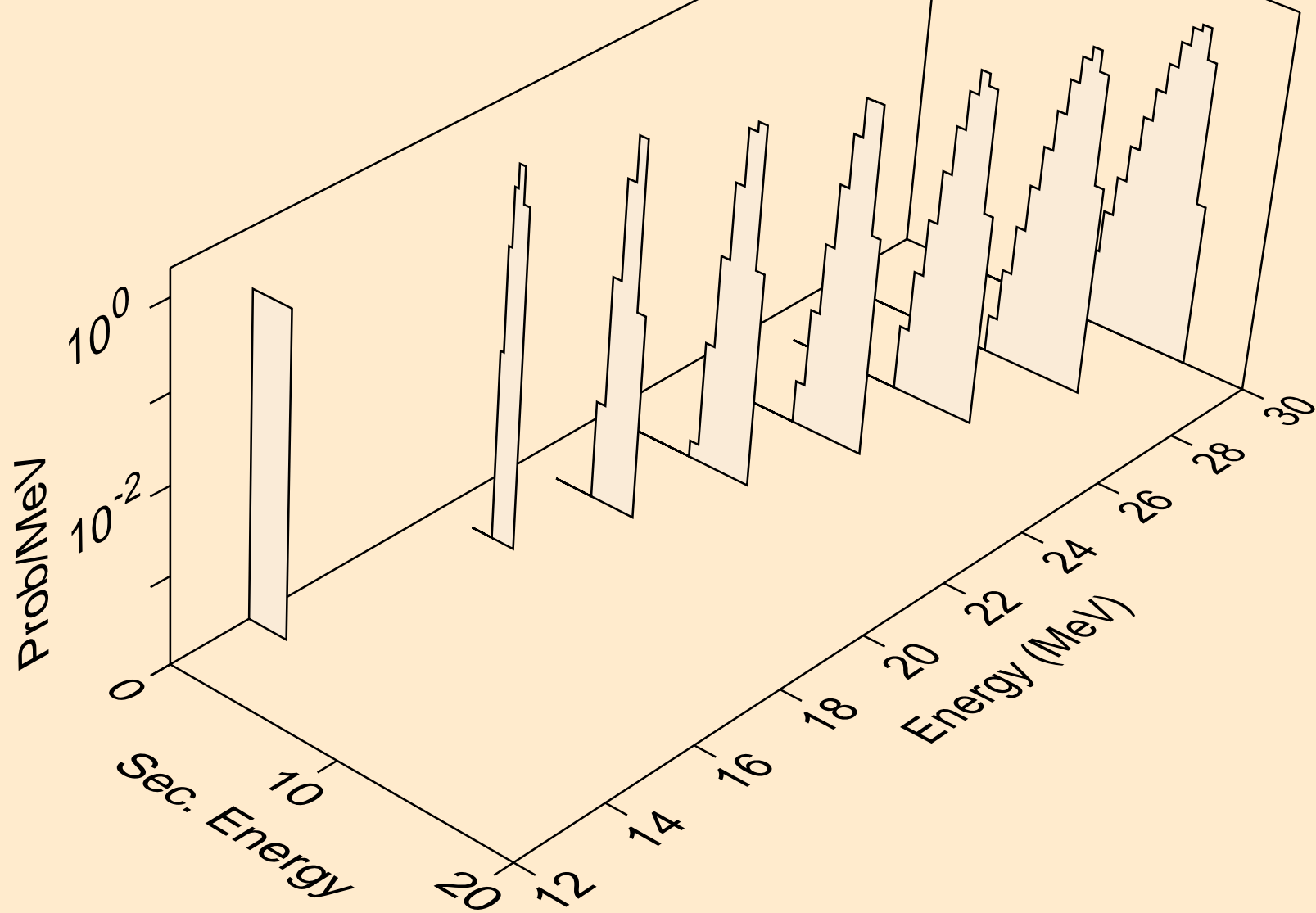
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



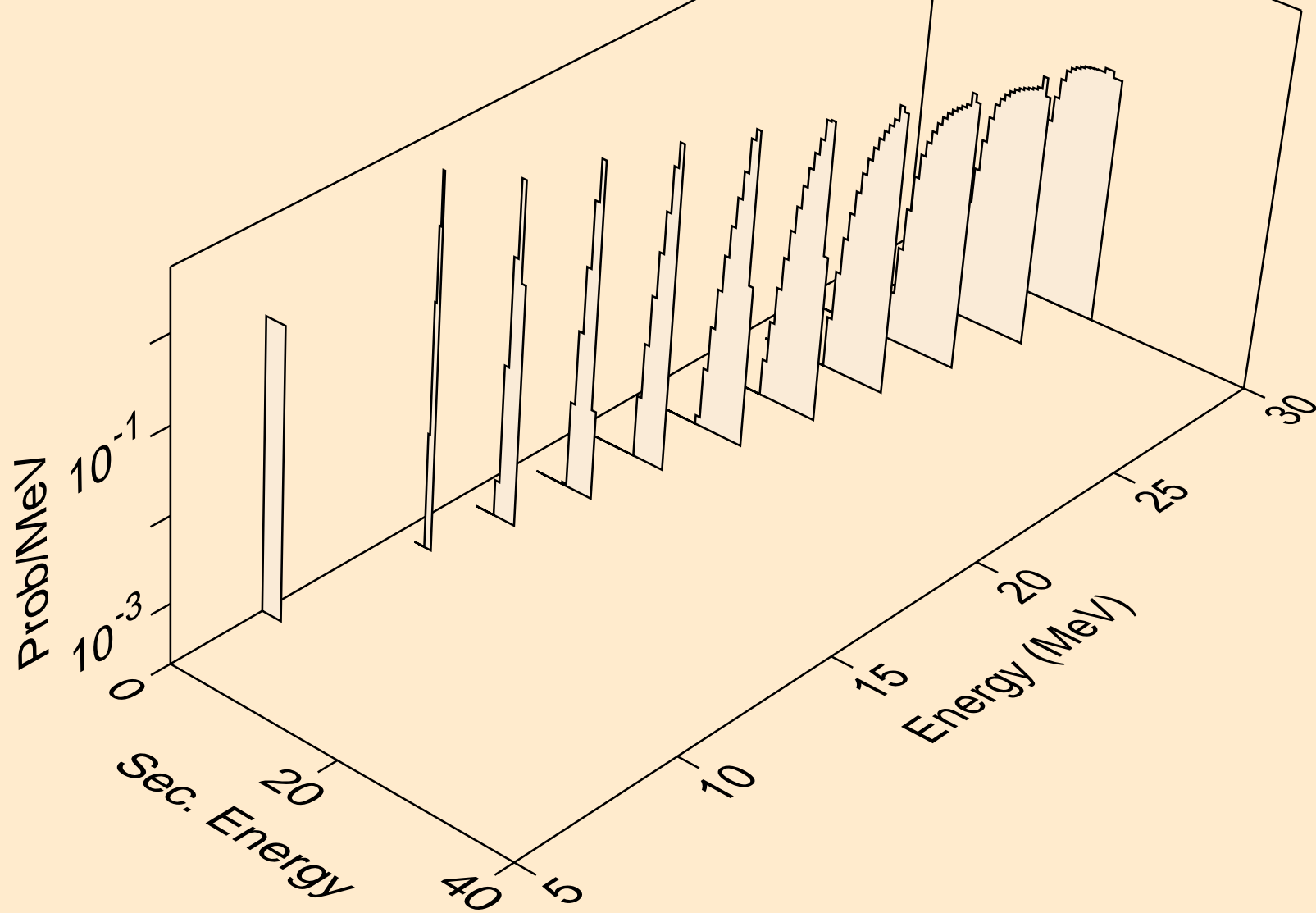
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



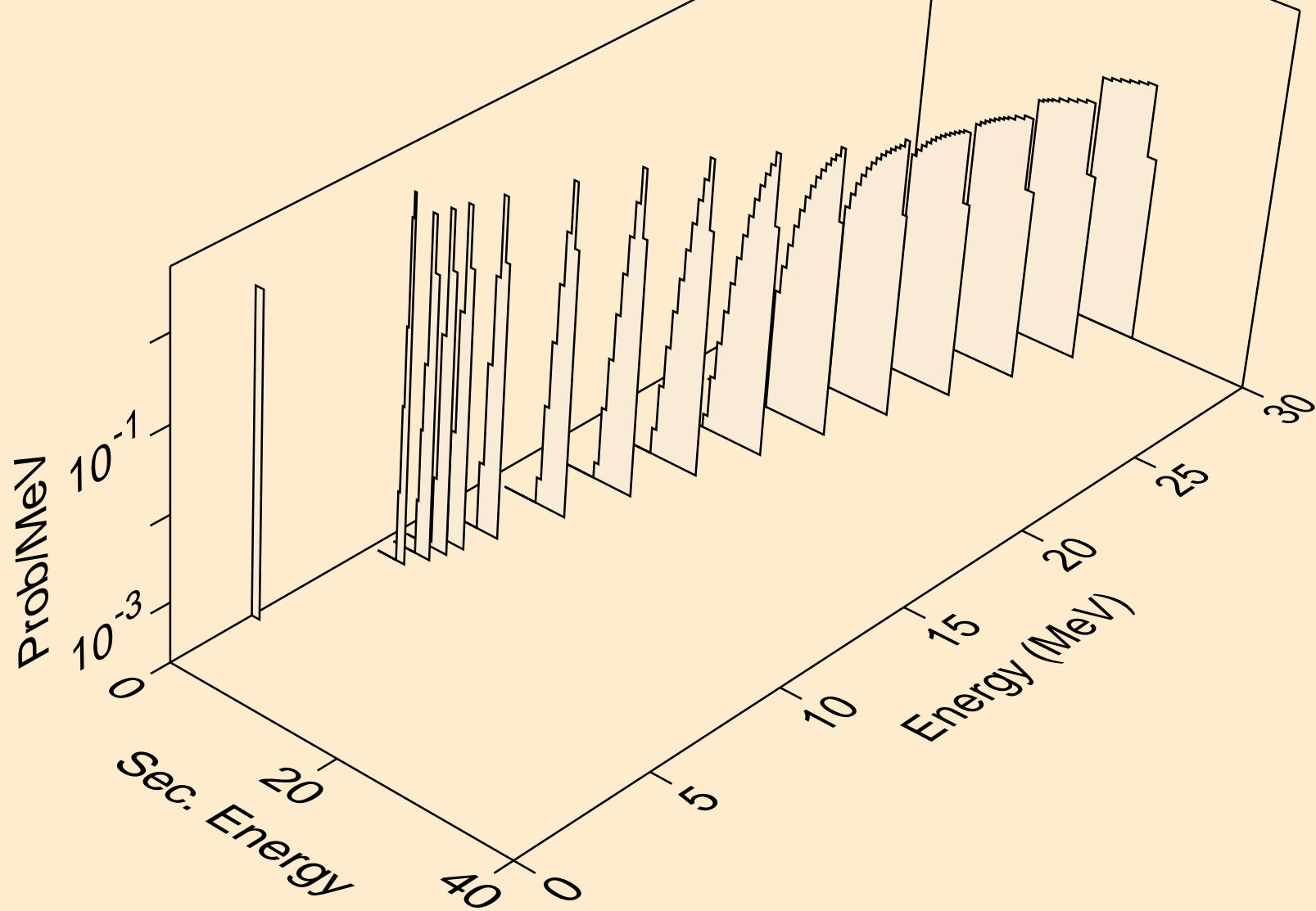
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



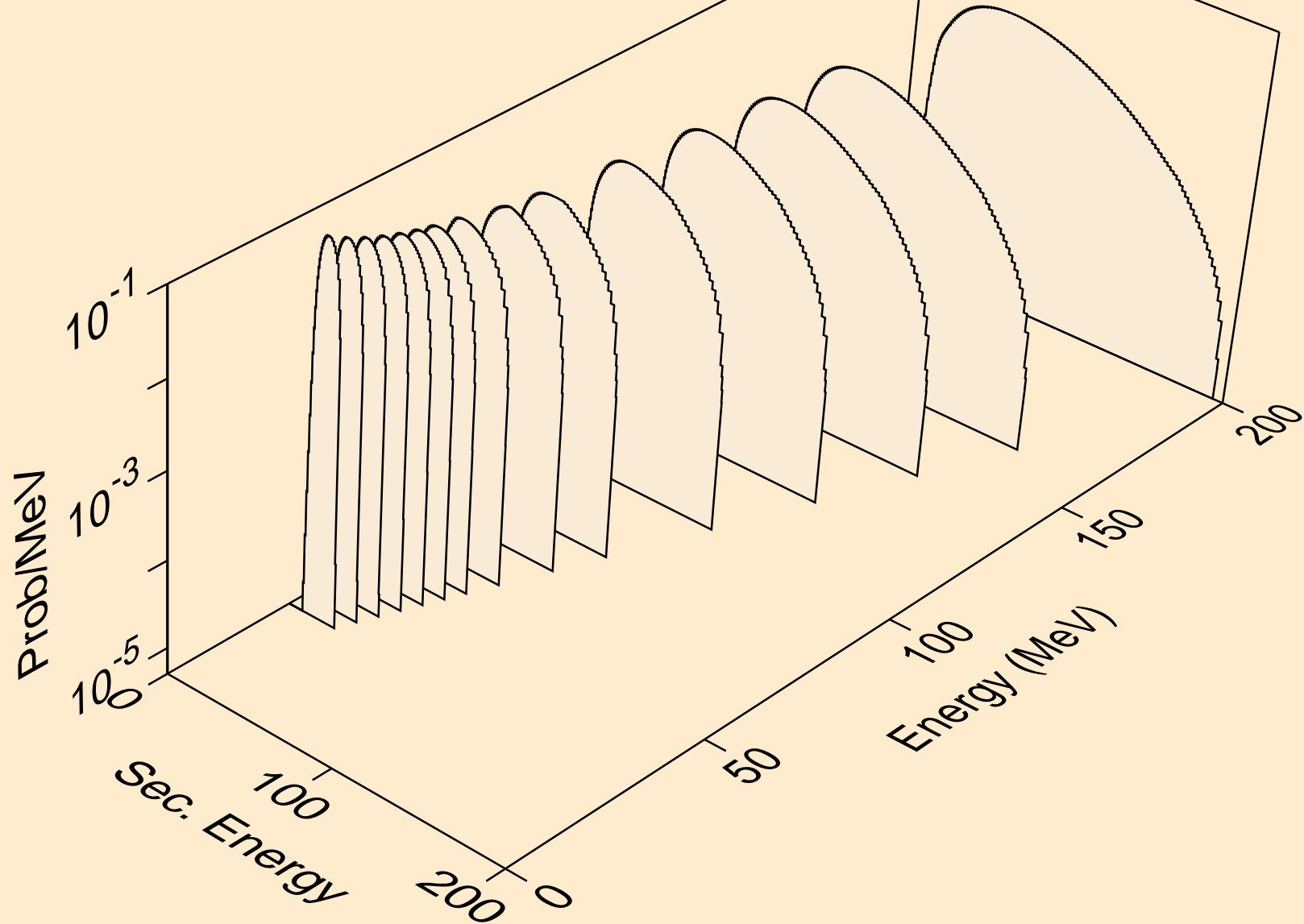
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



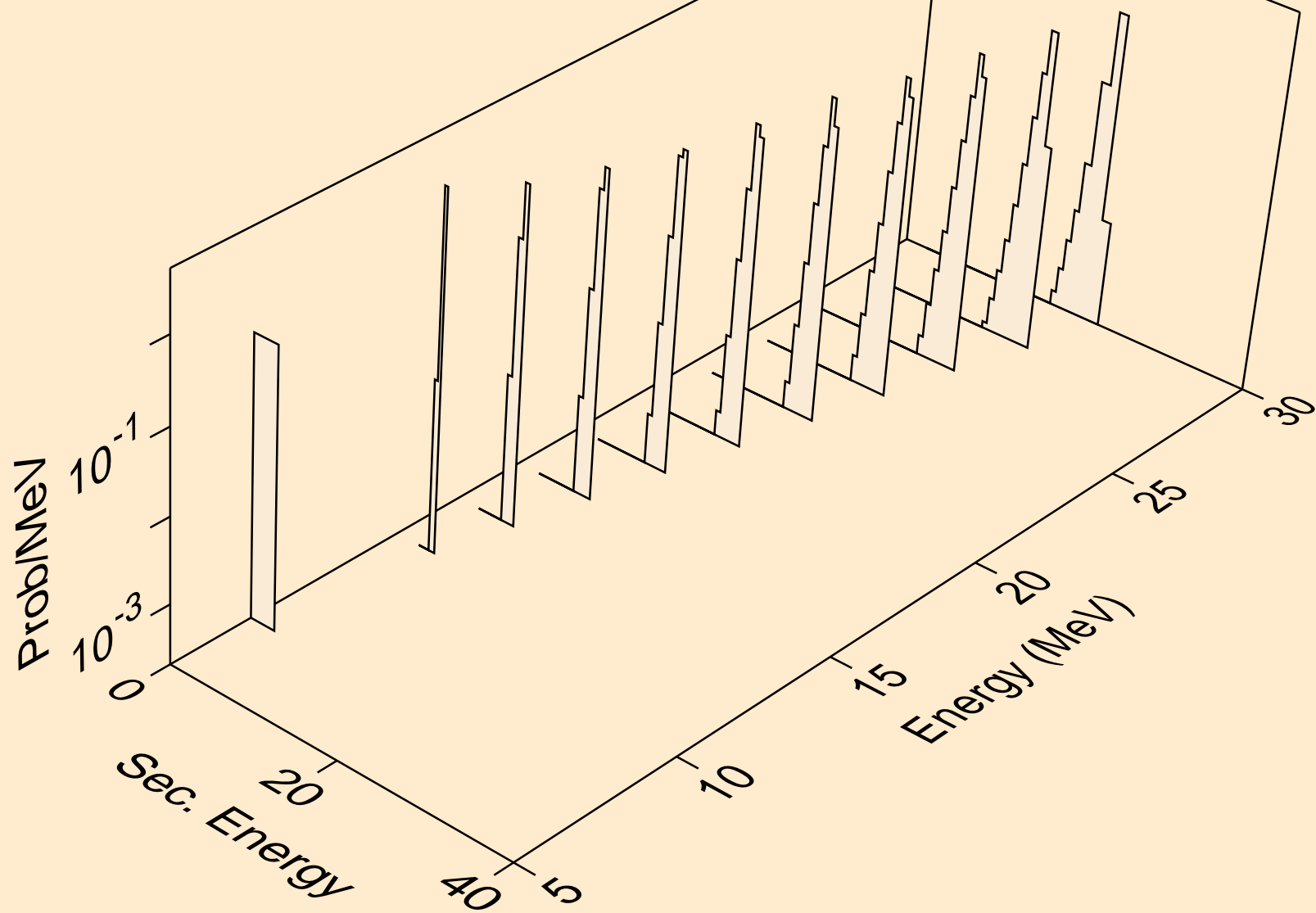
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



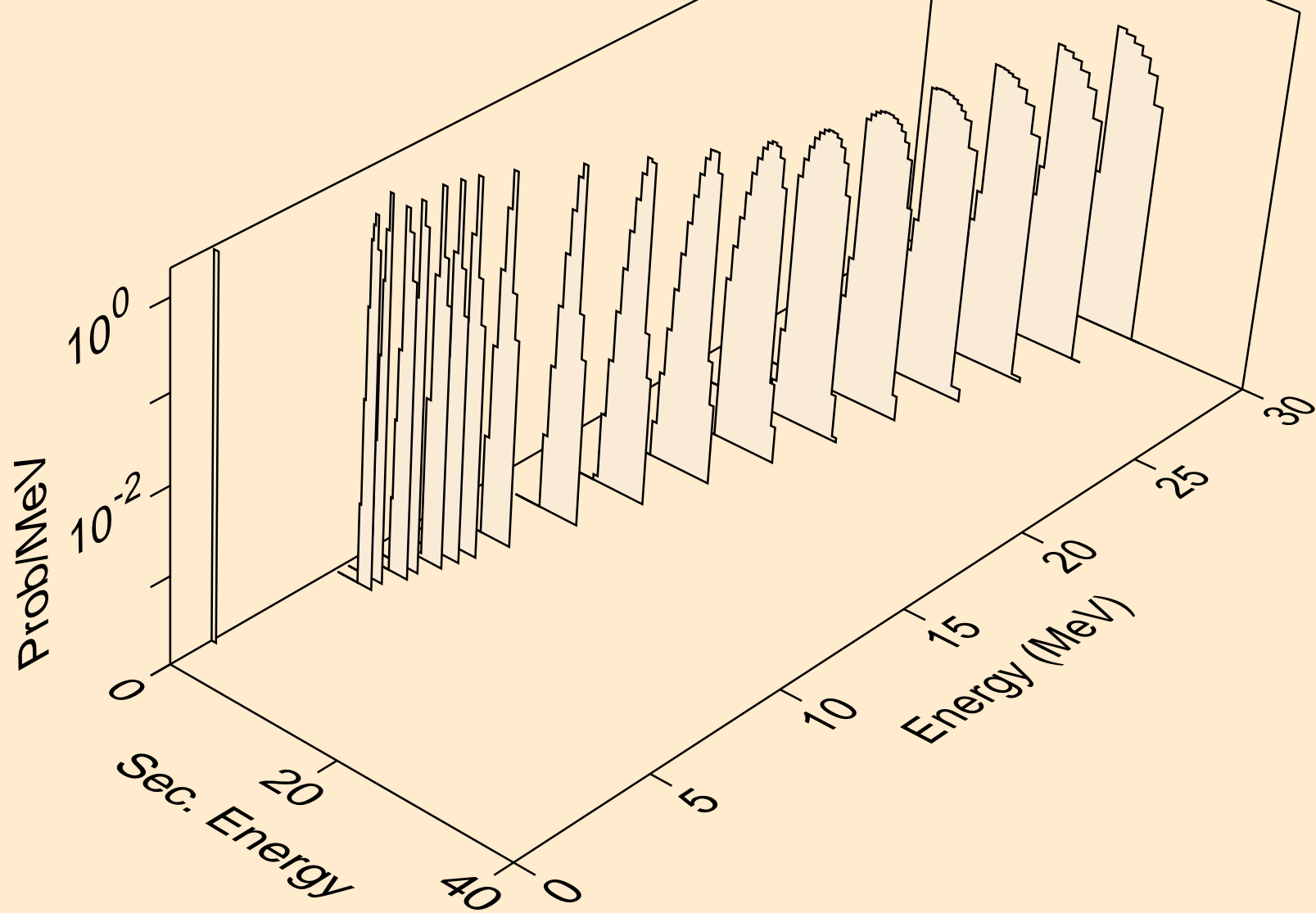
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



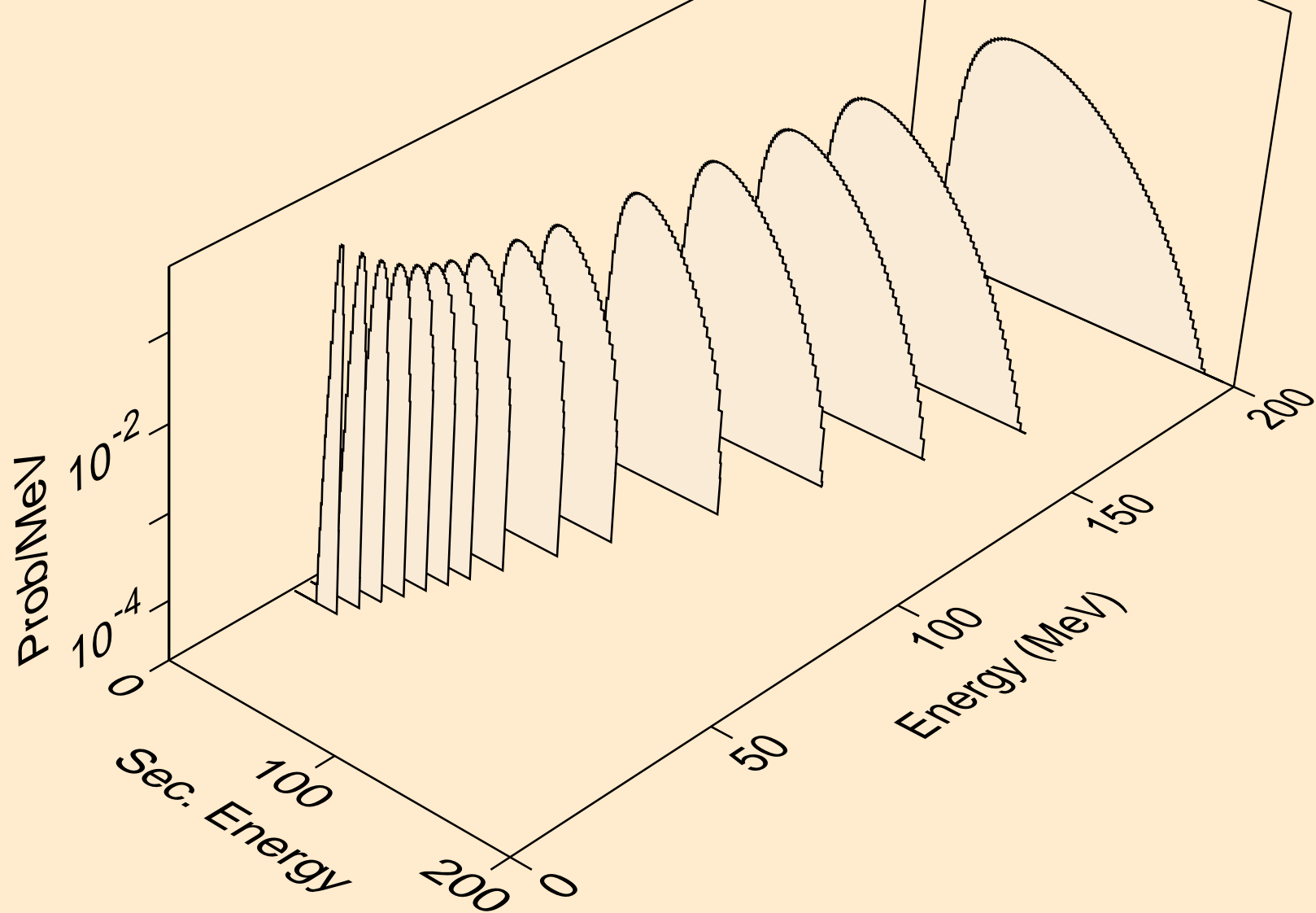
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



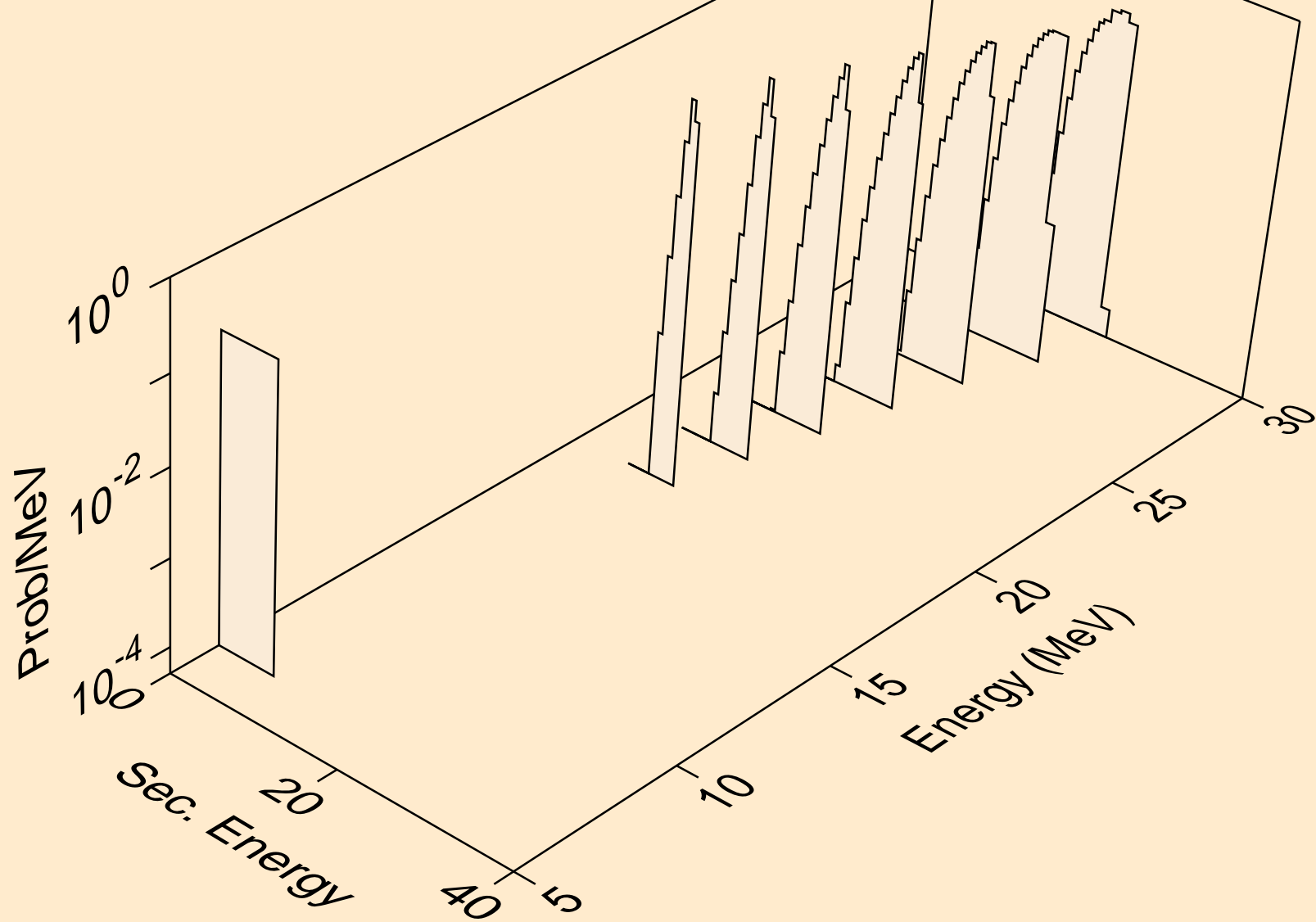
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tritons from (n,t)



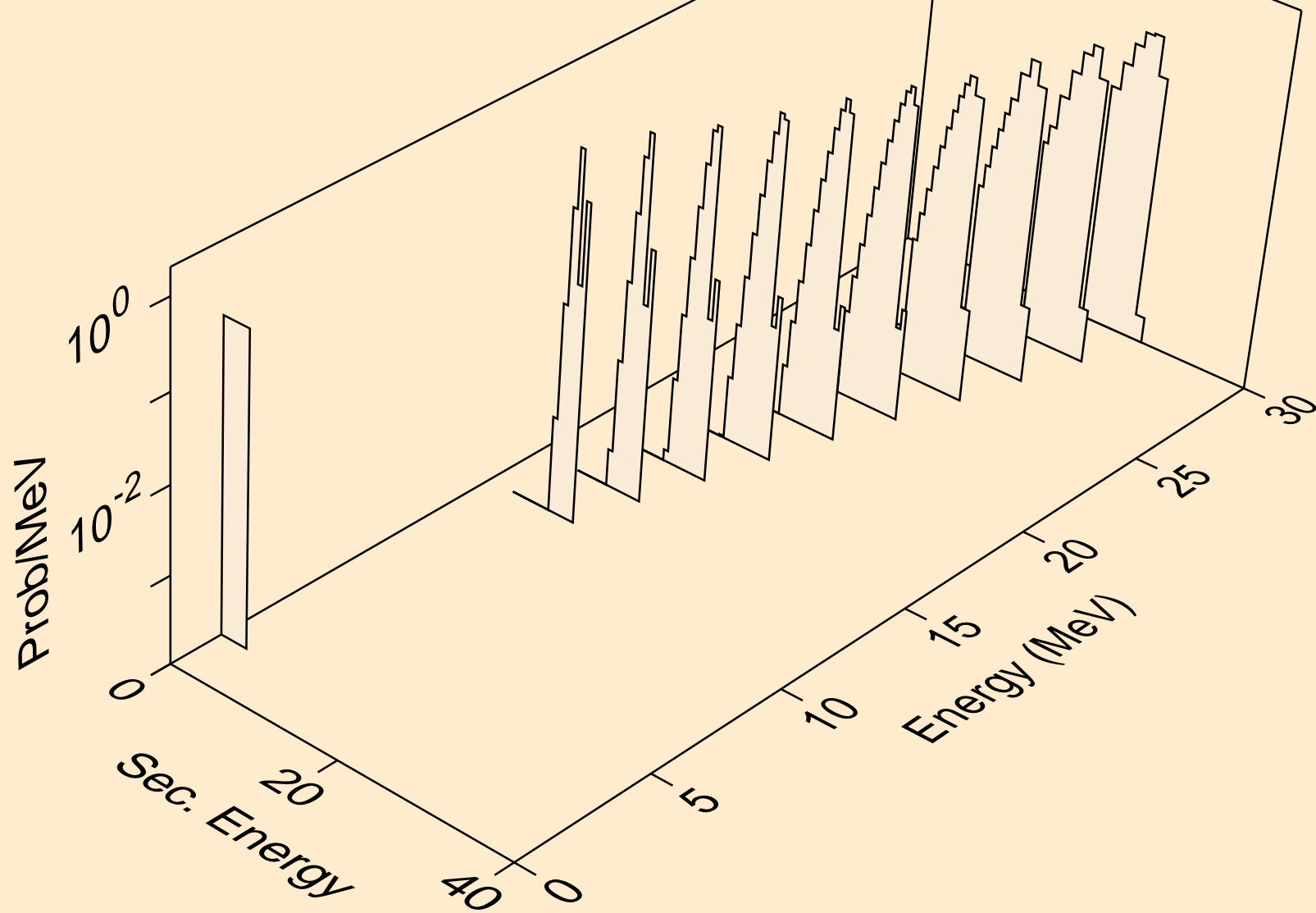
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



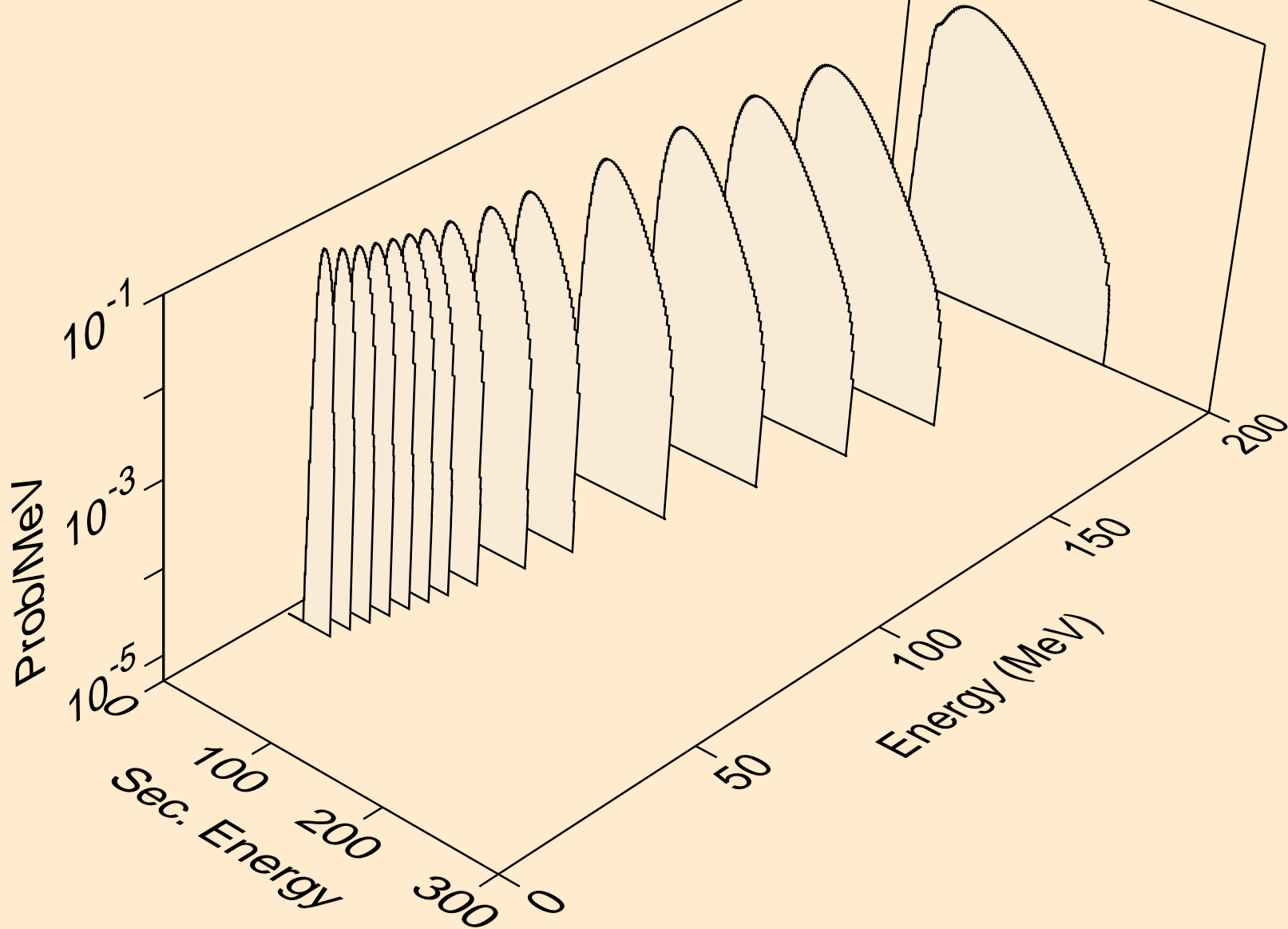
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



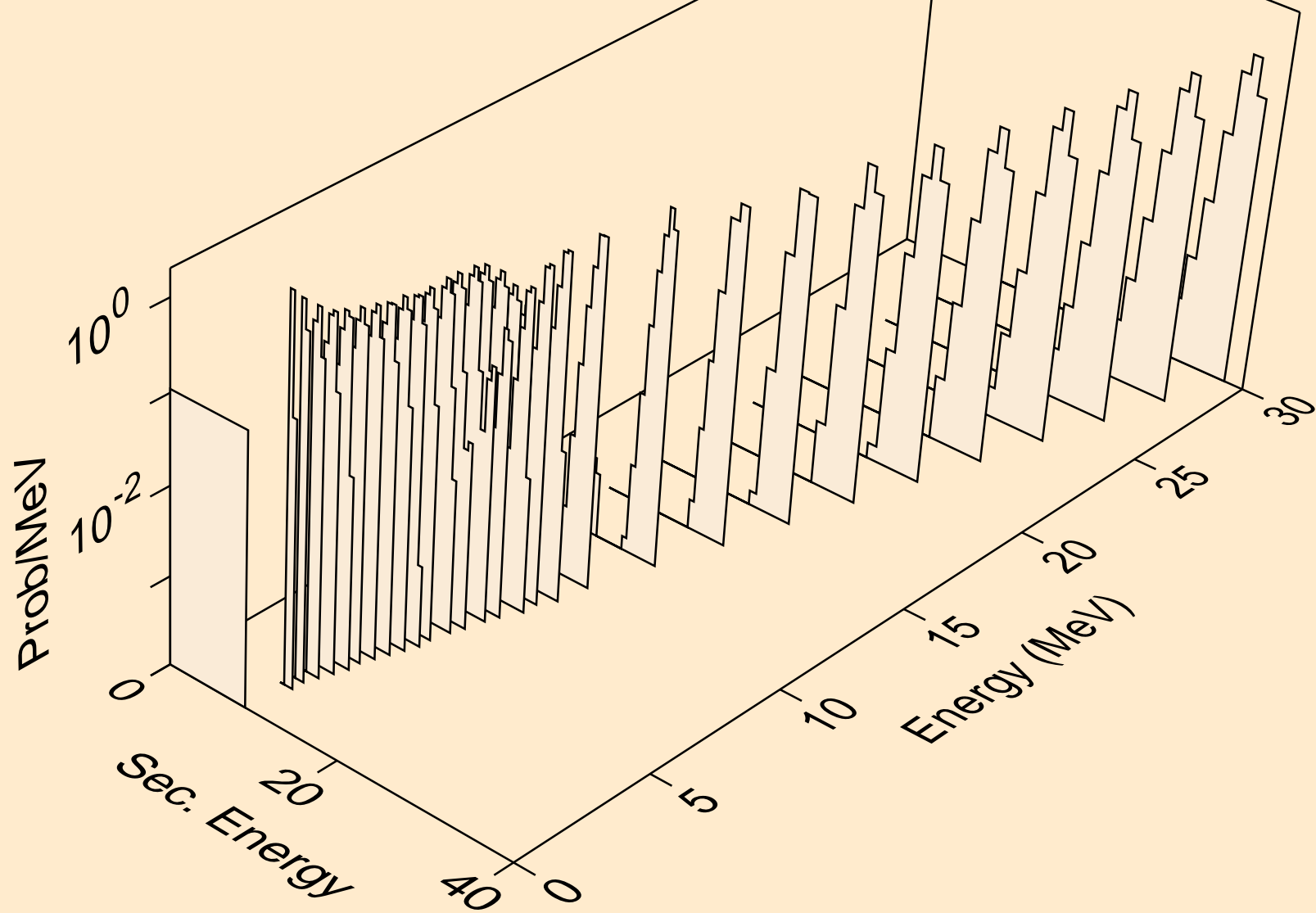
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he3s from (n,he3)



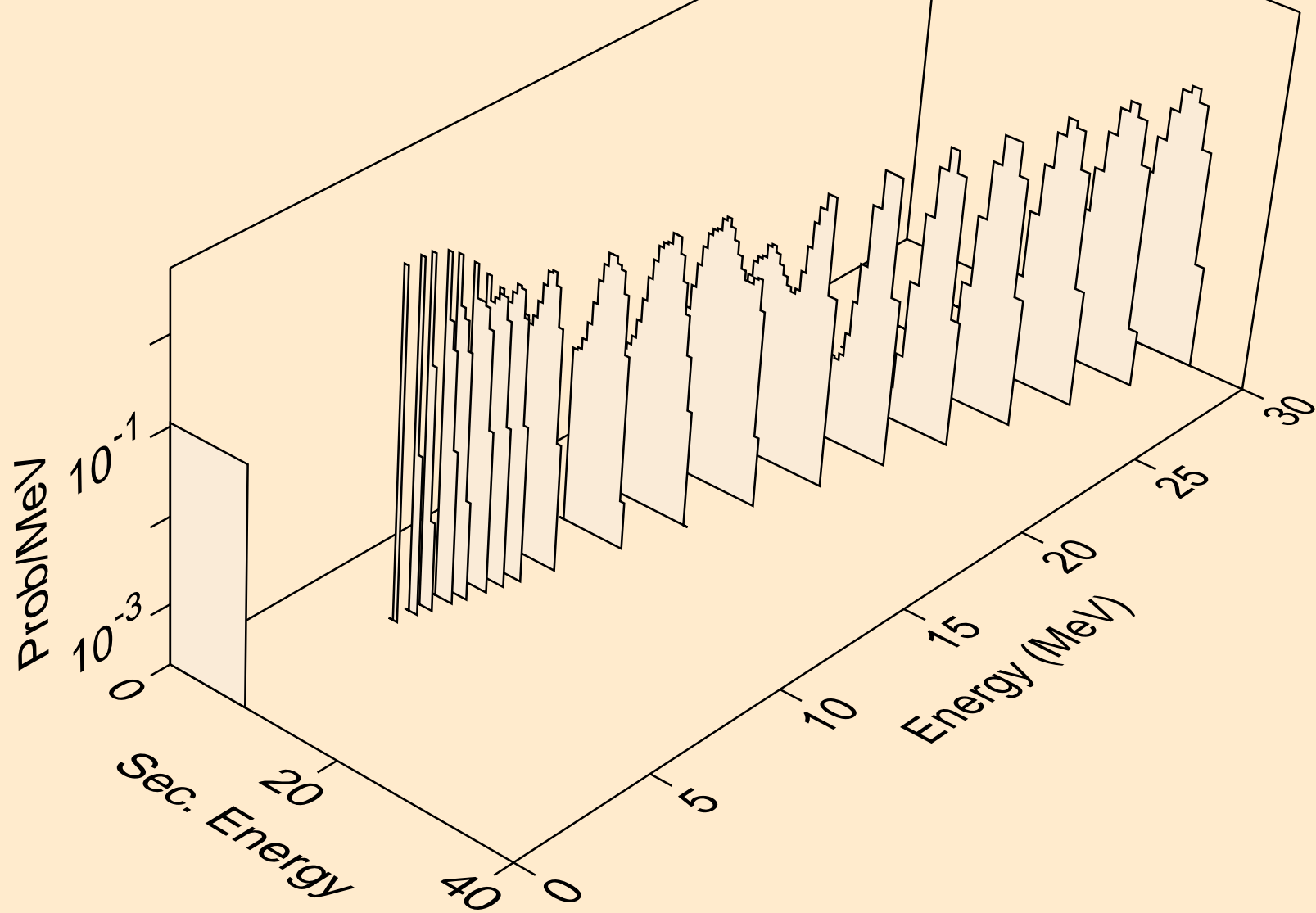
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



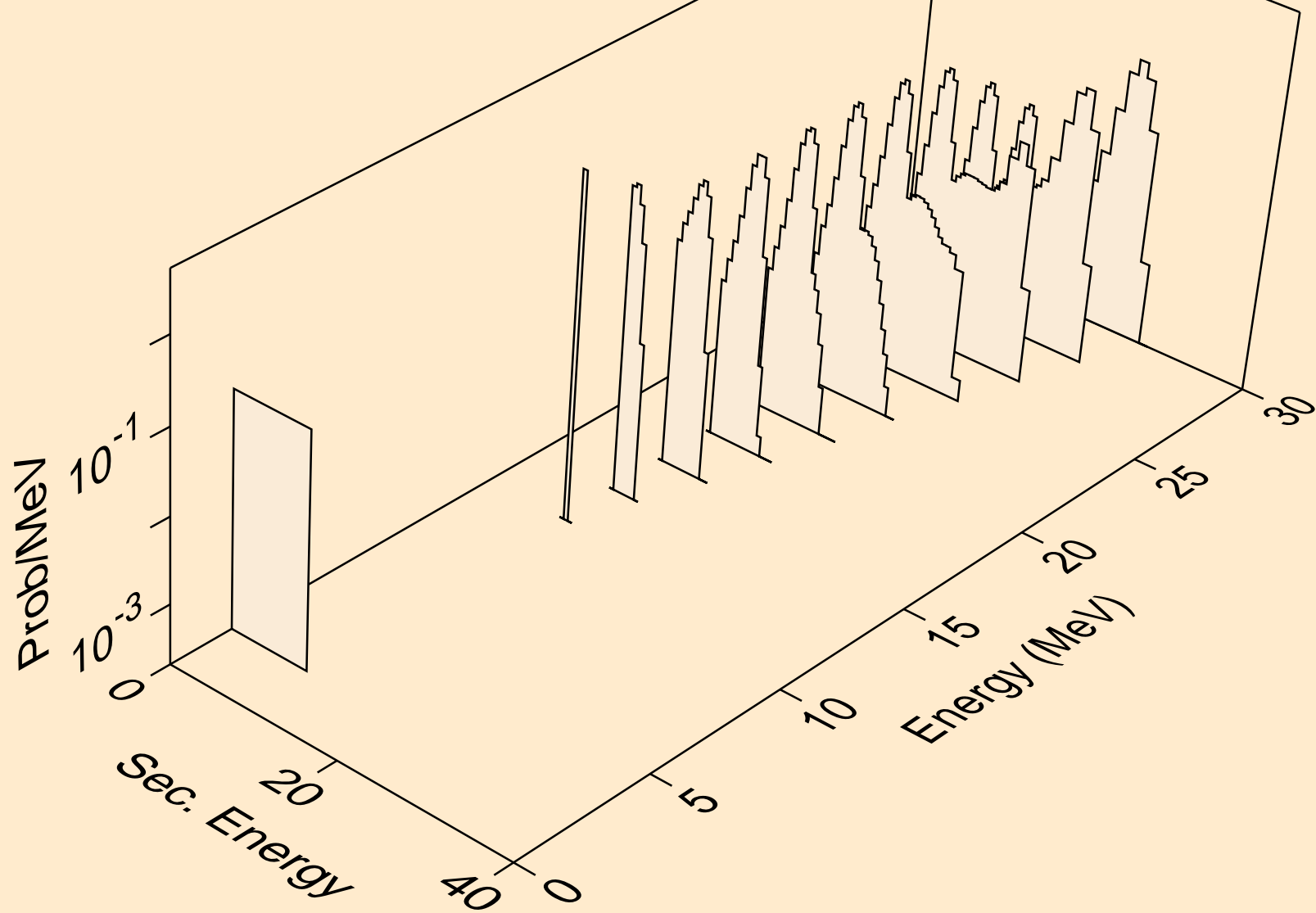
HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



HS279 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

