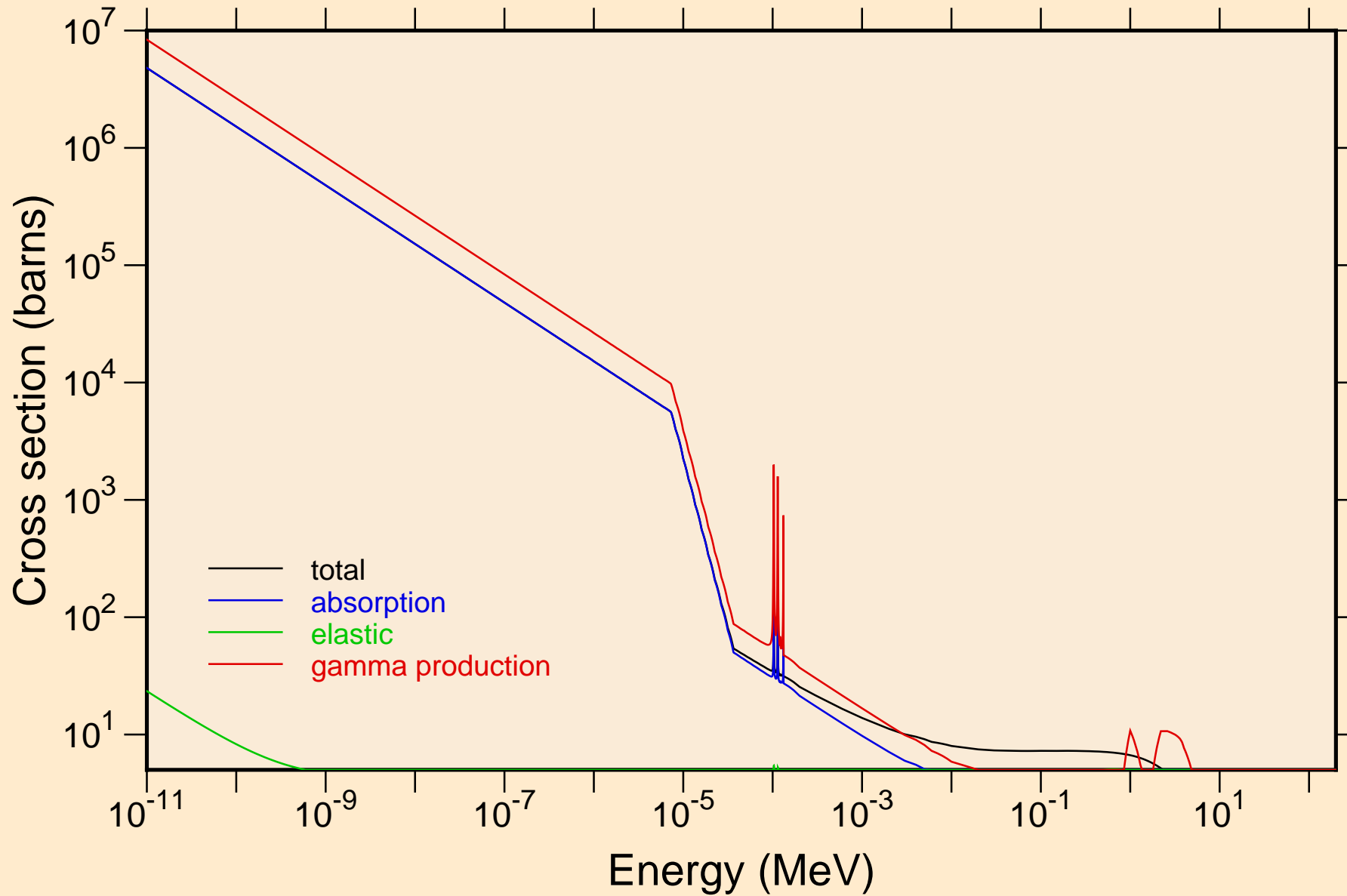
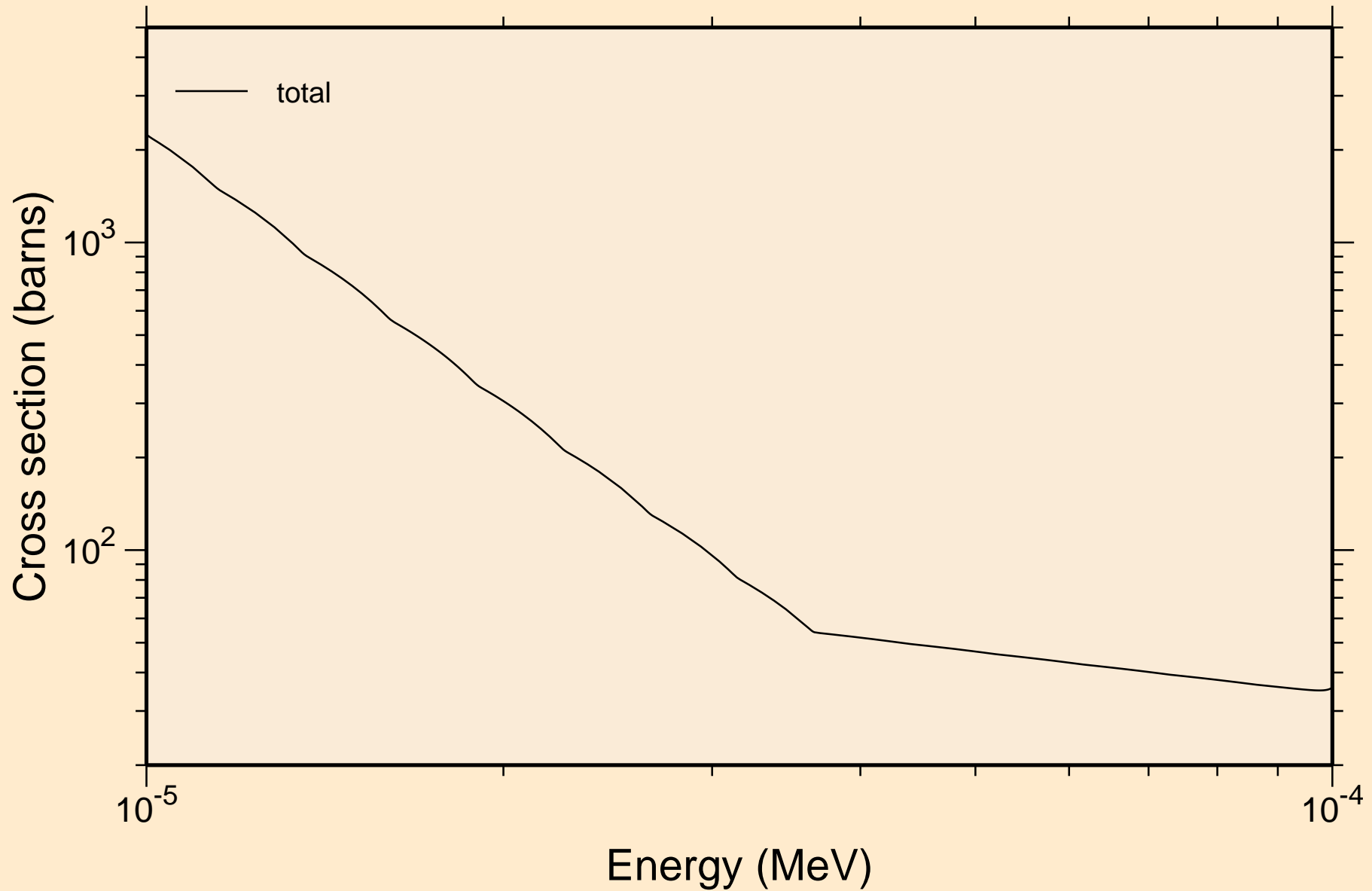


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

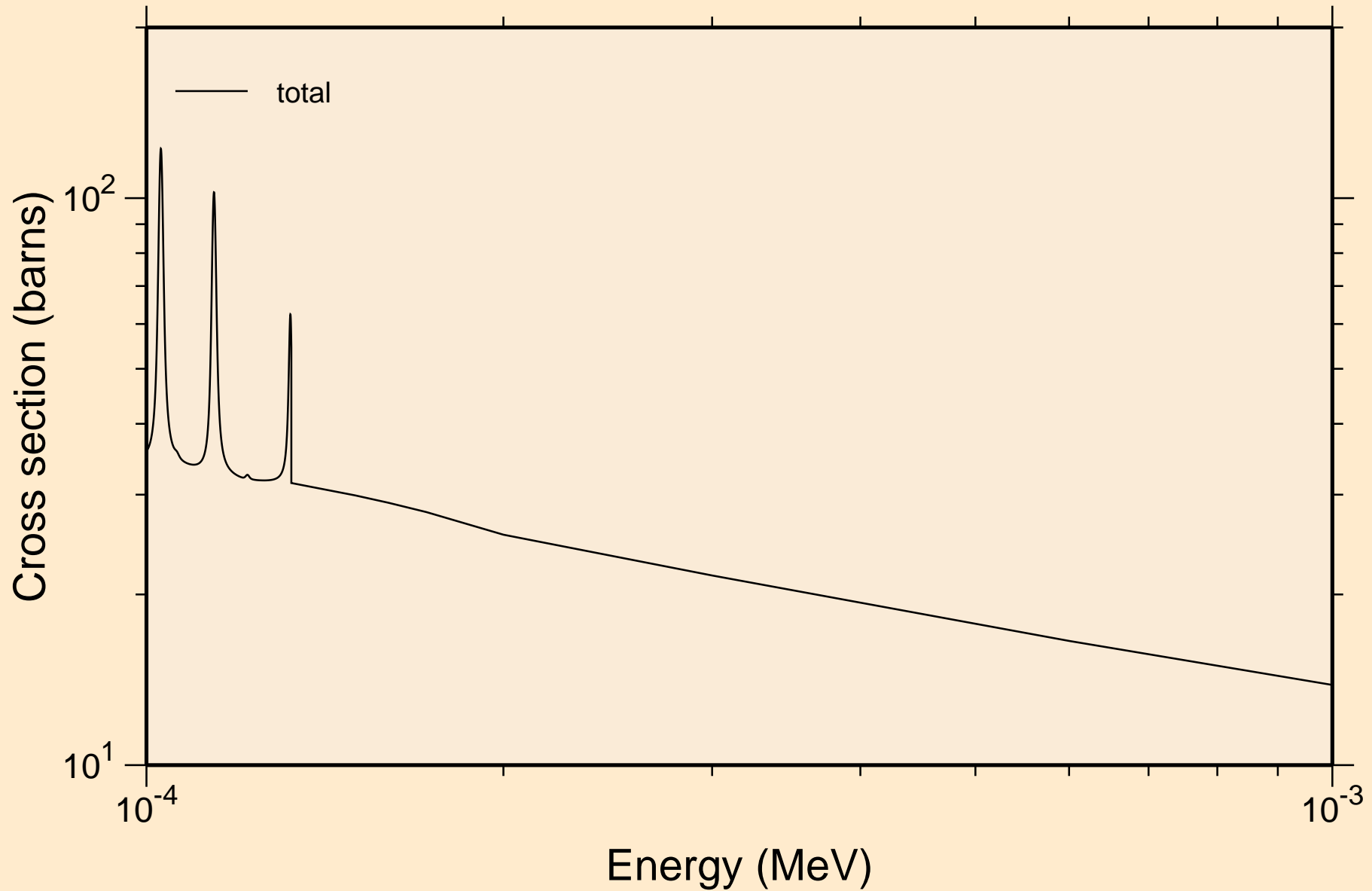
## Principal cross sections



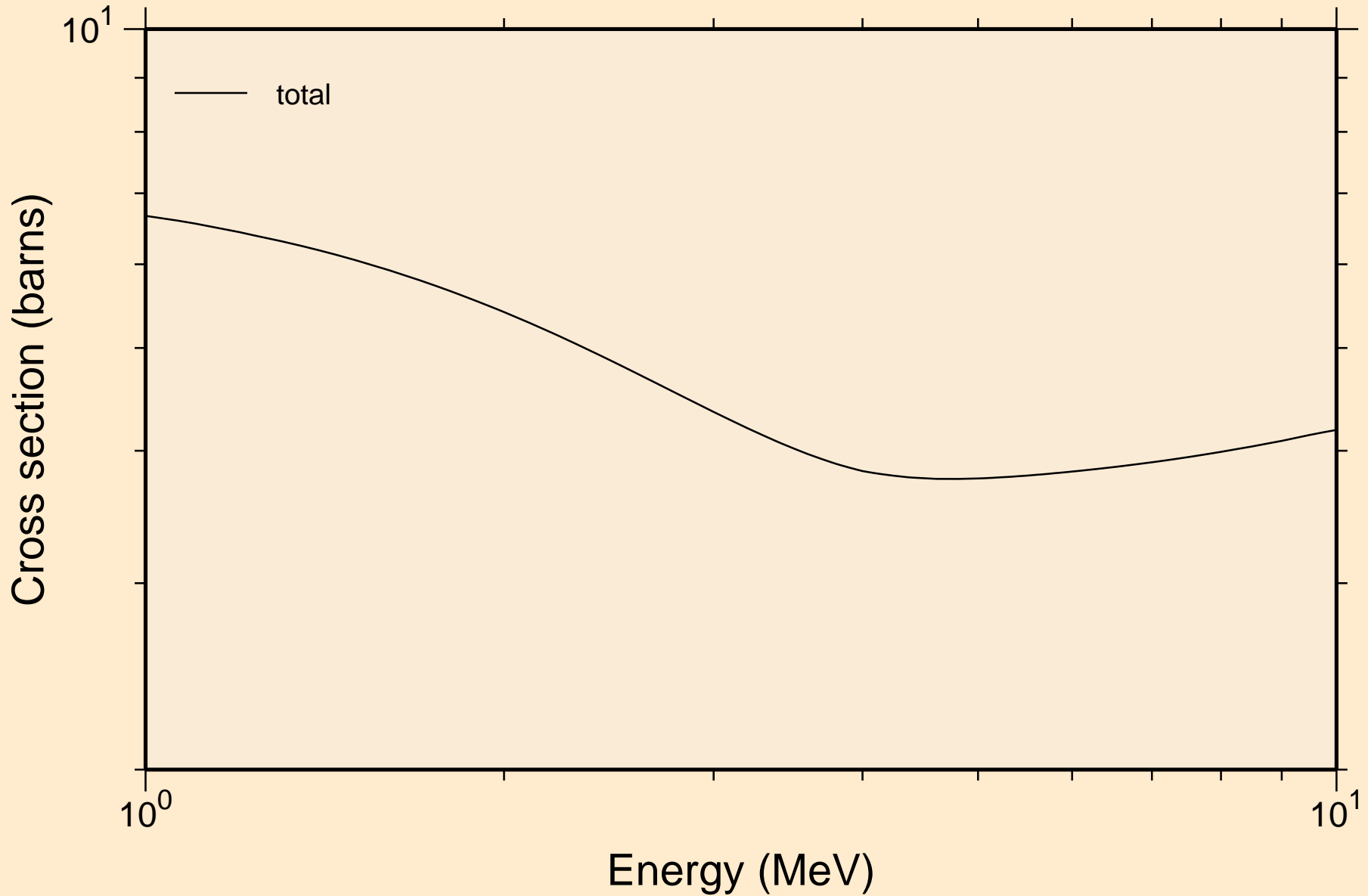
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resonance total cross section



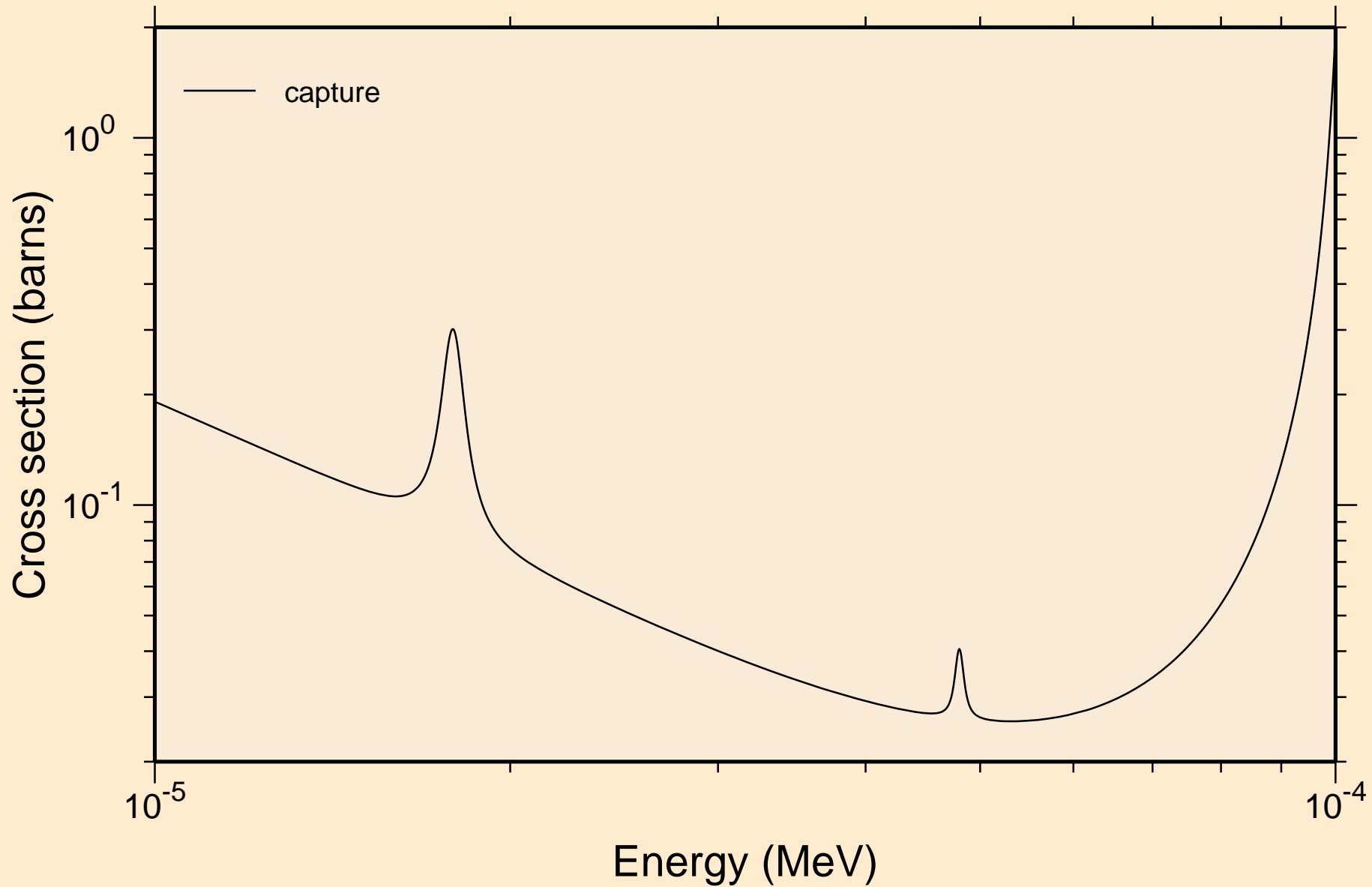
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



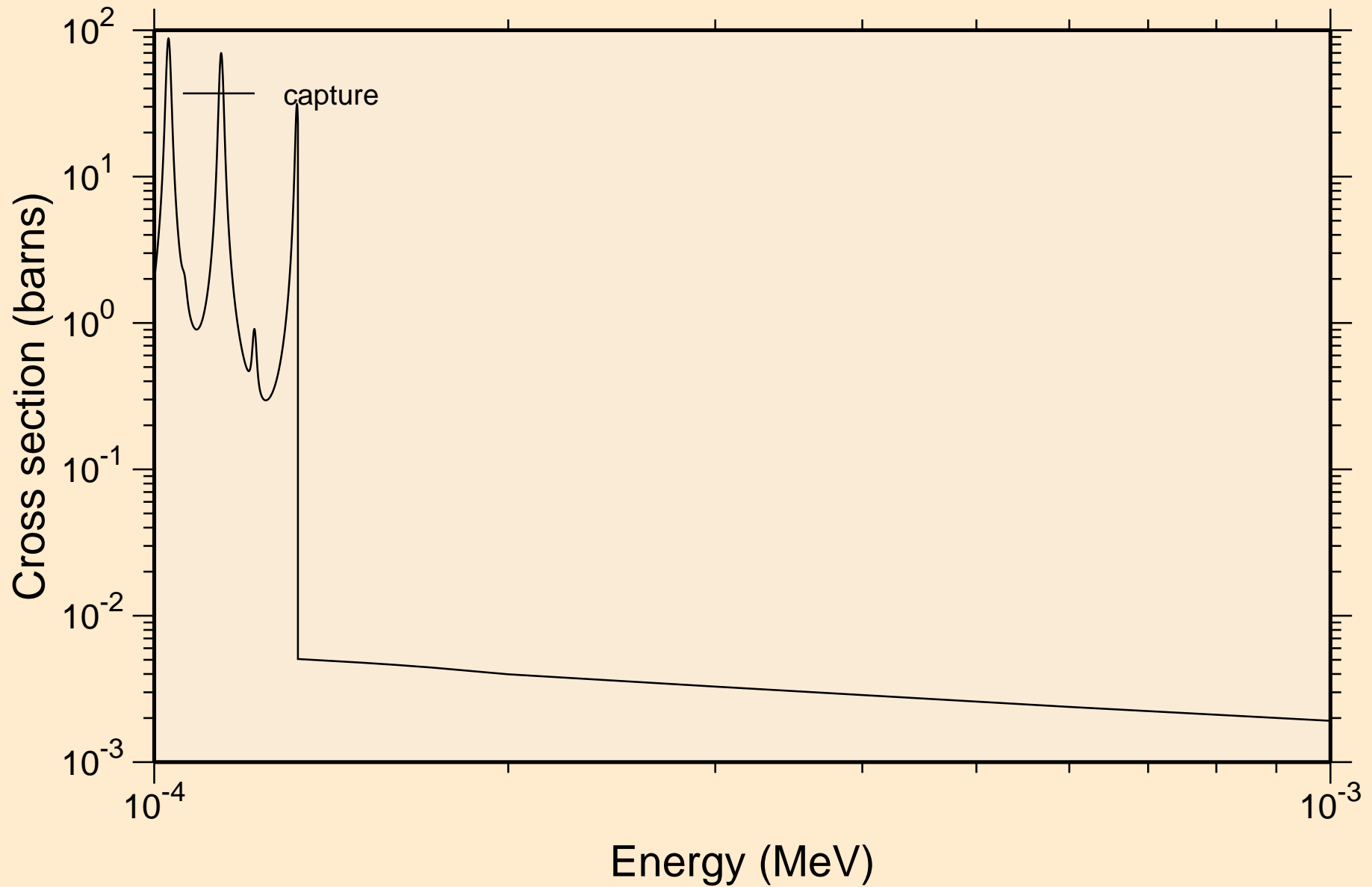
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



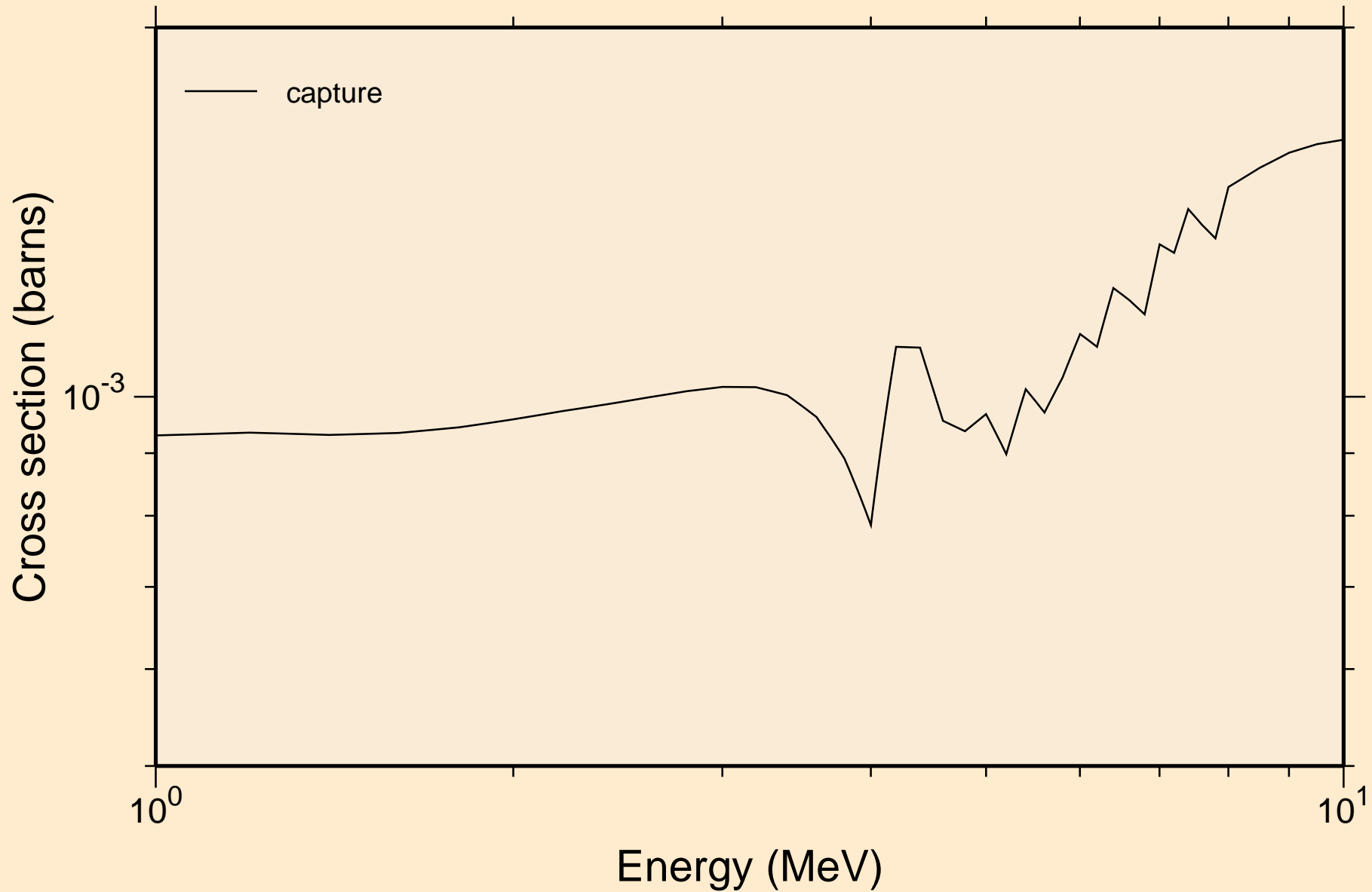
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

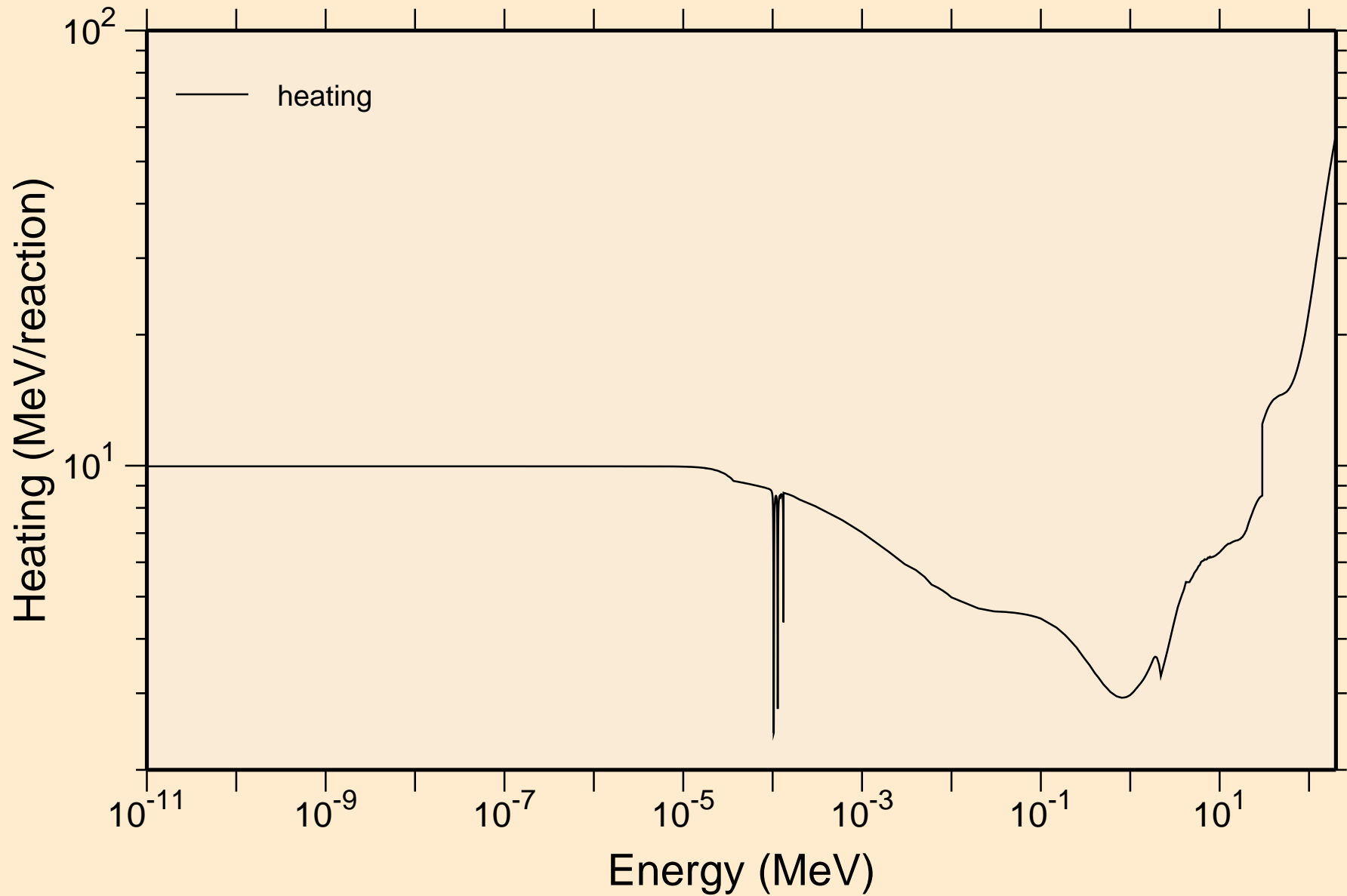


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

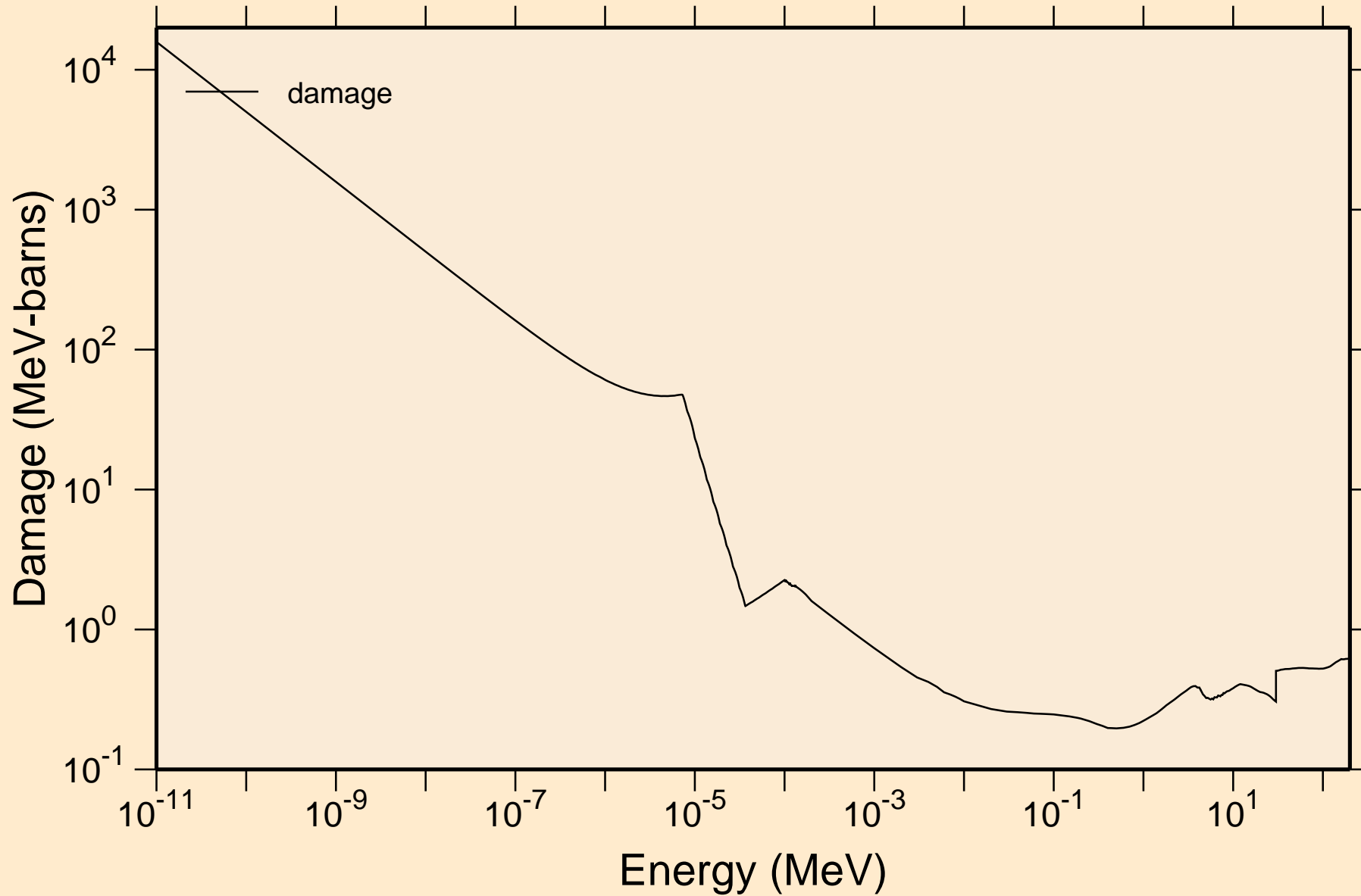


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

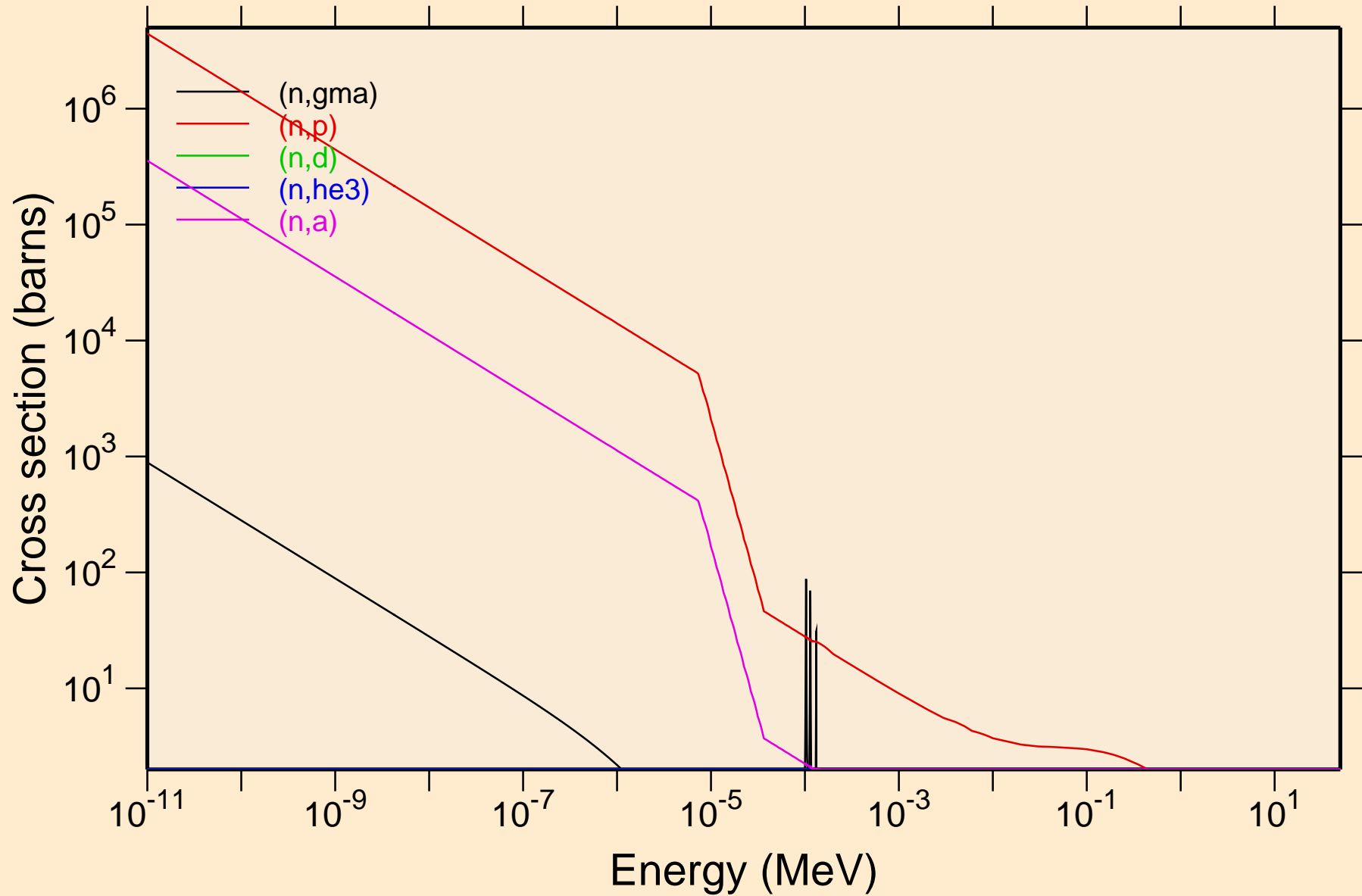
## Heating



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

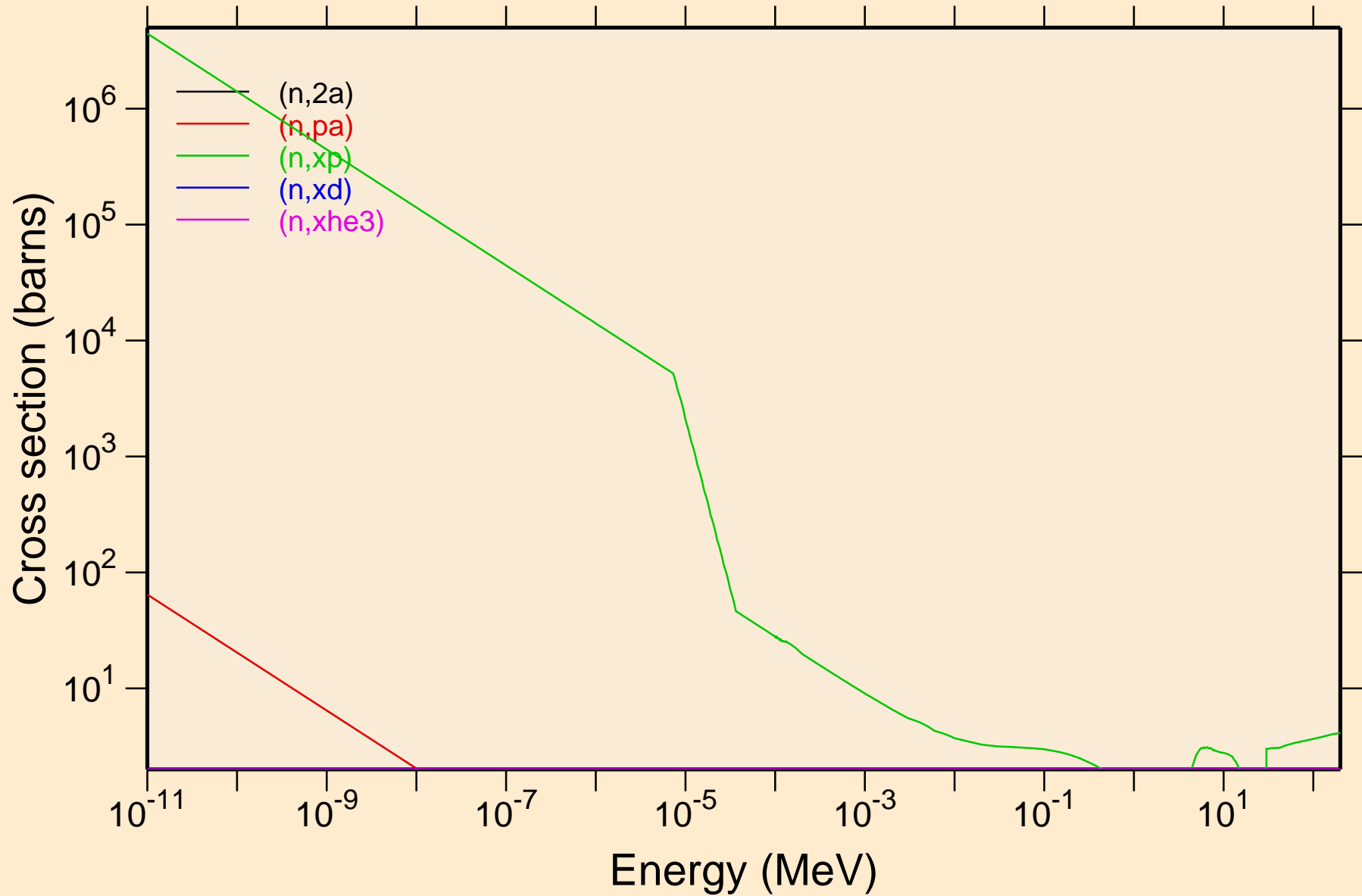


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

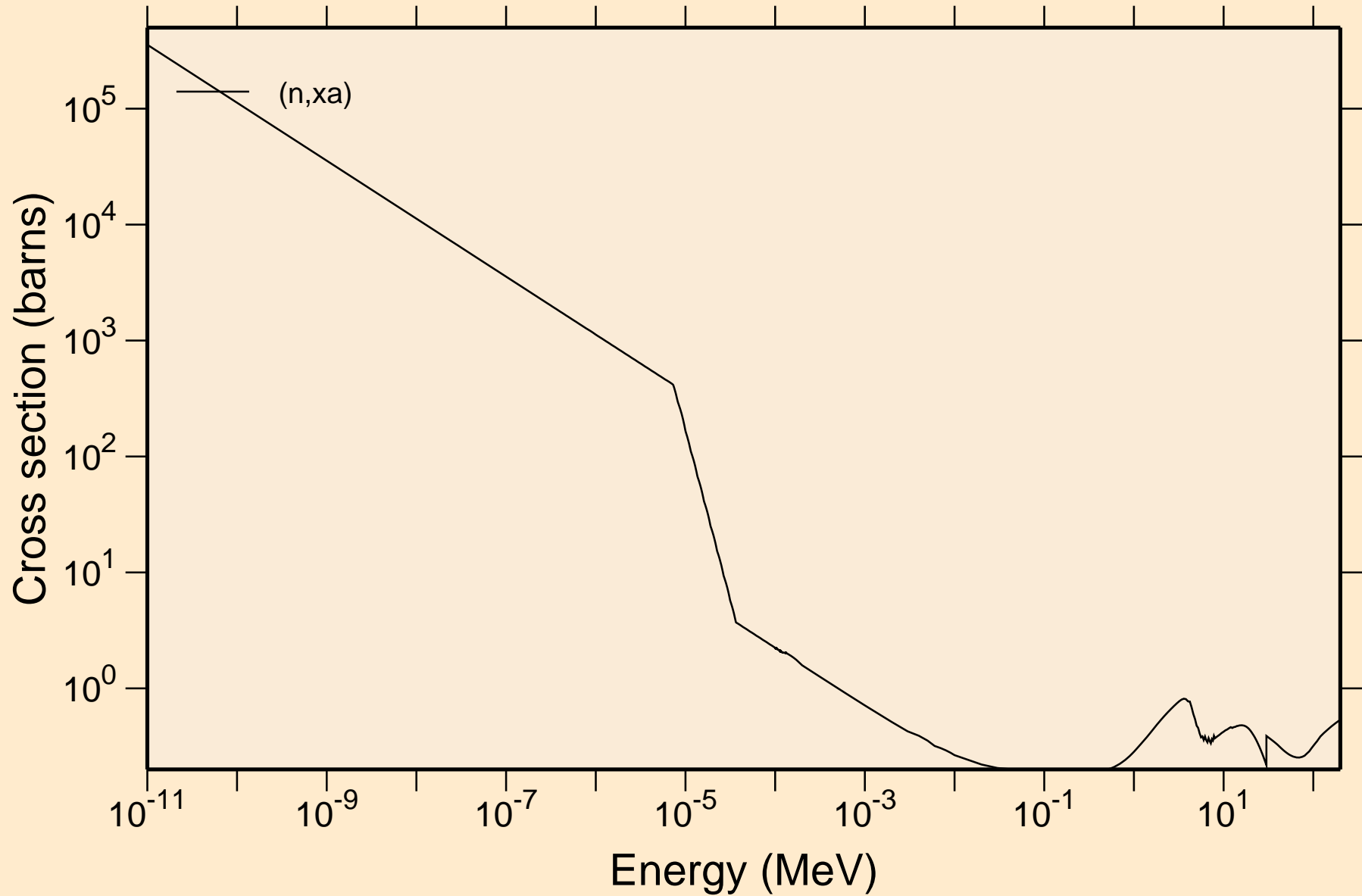


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

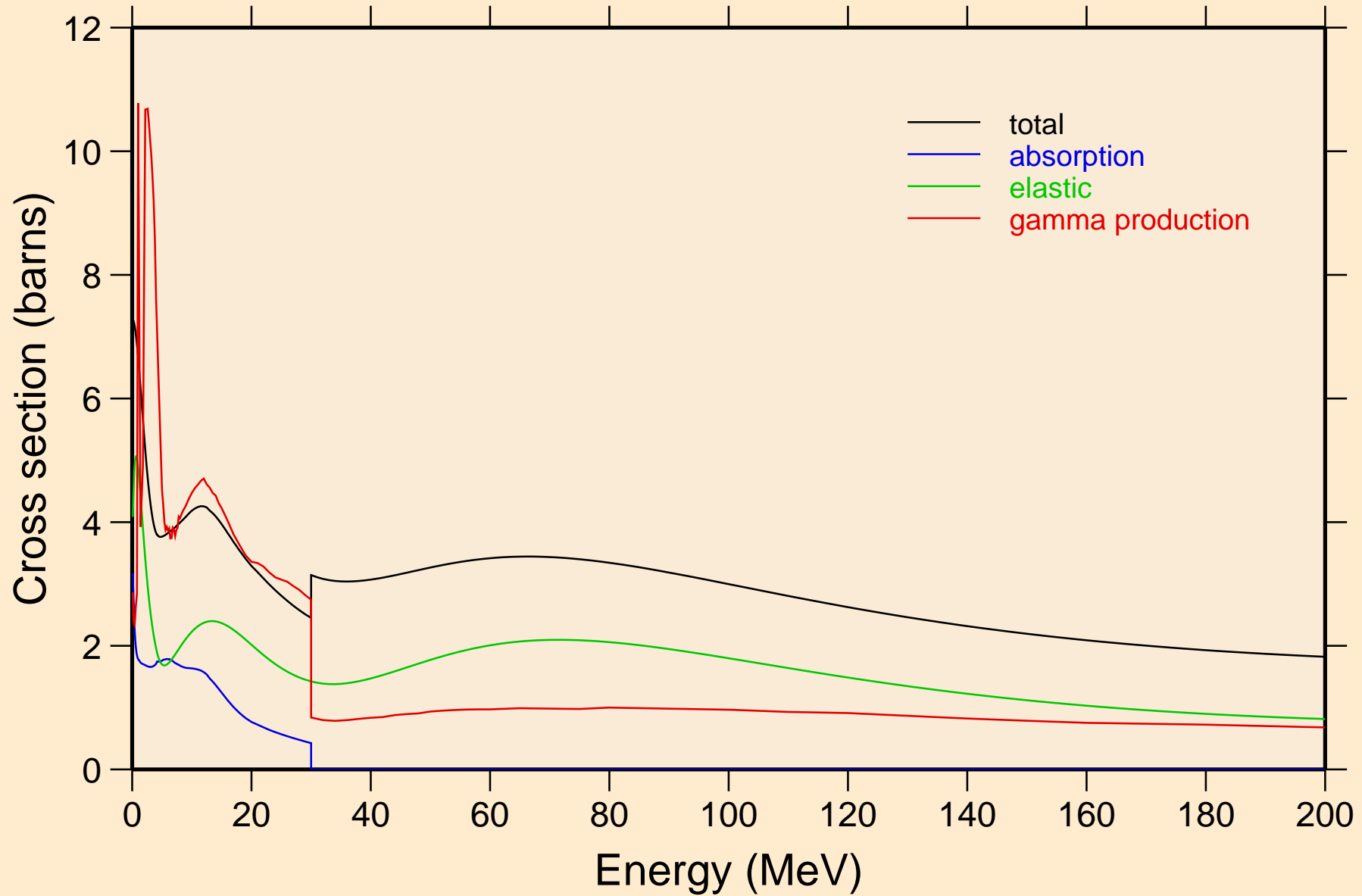


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



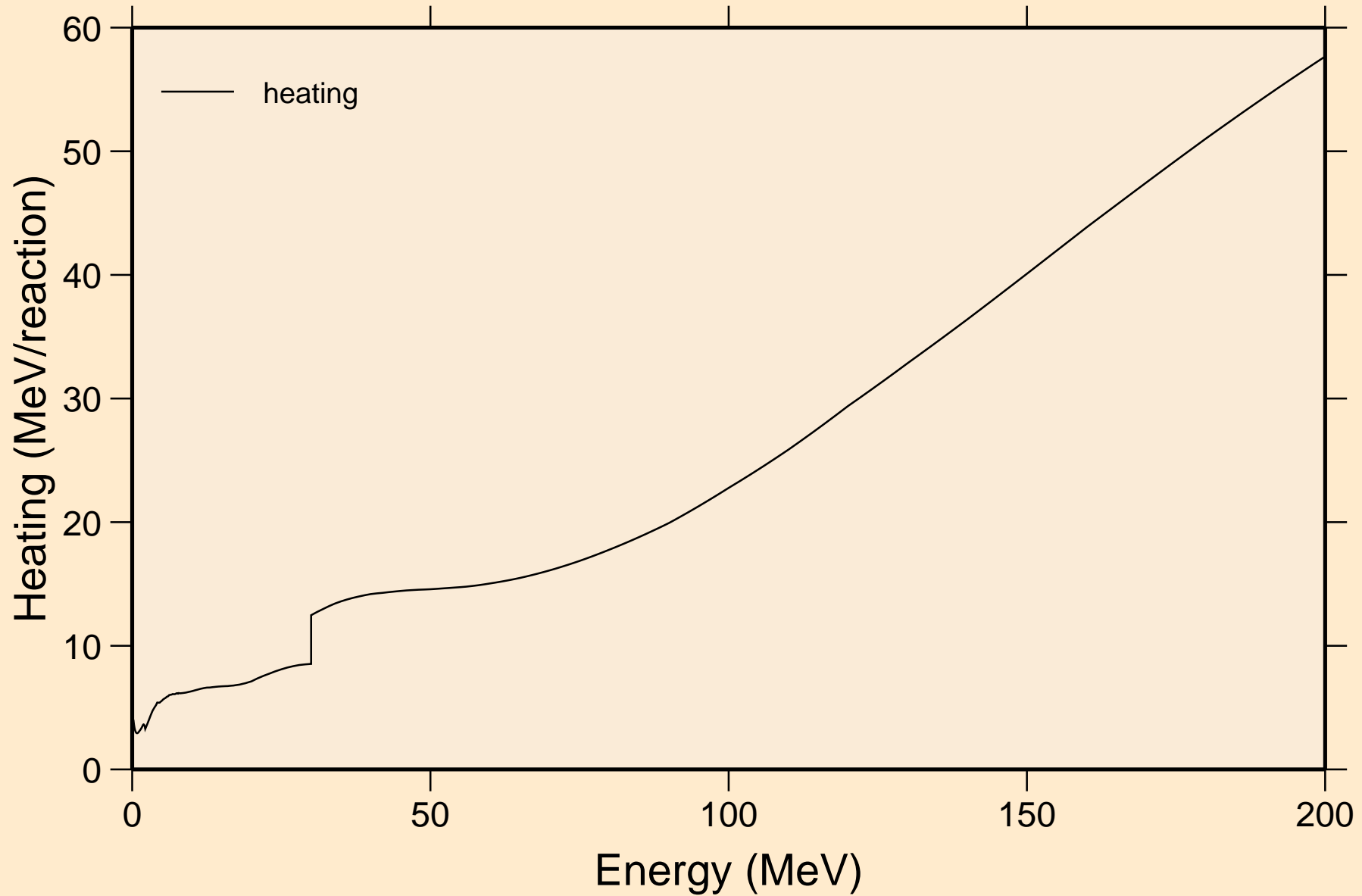
# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



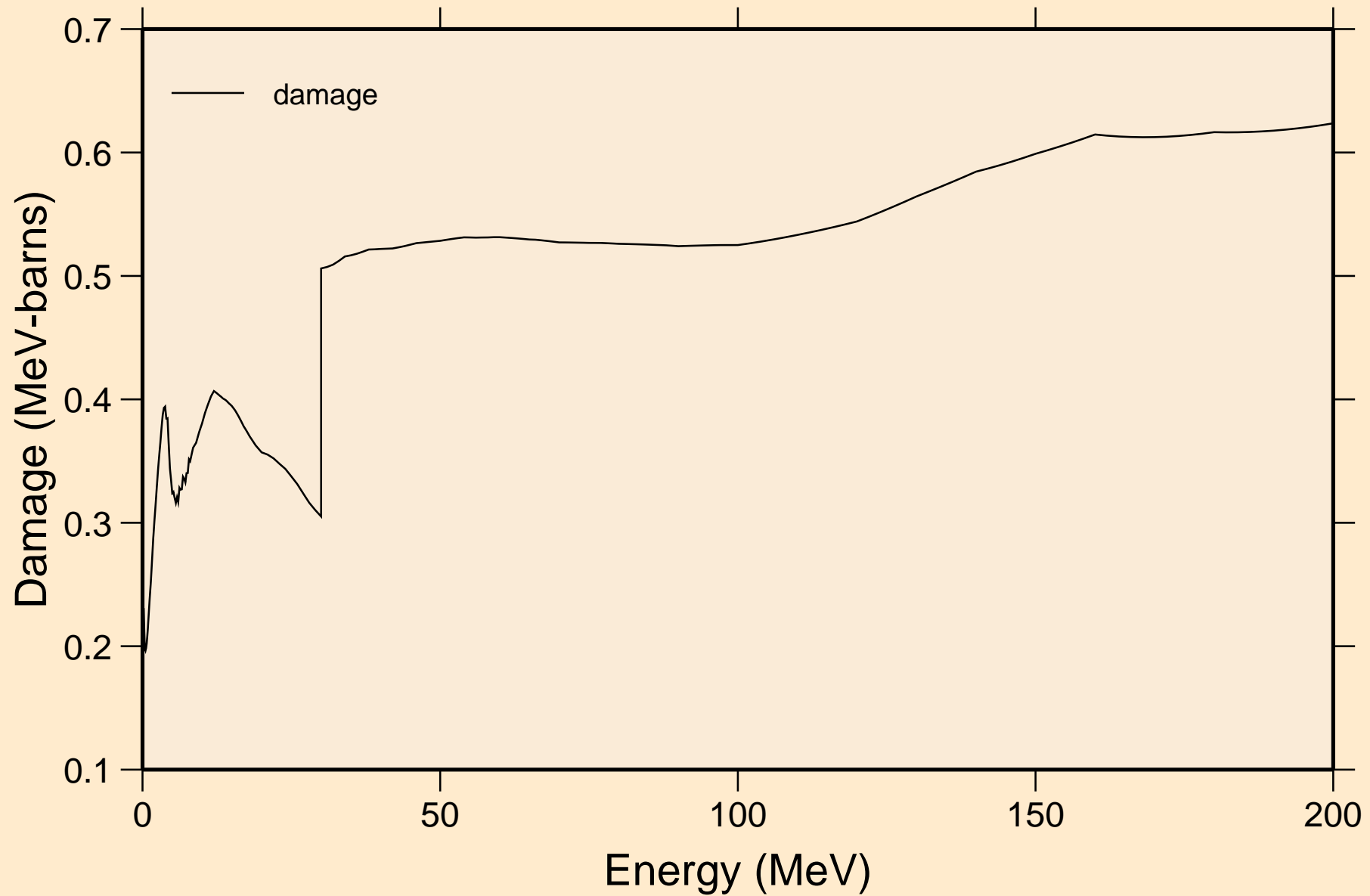
# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

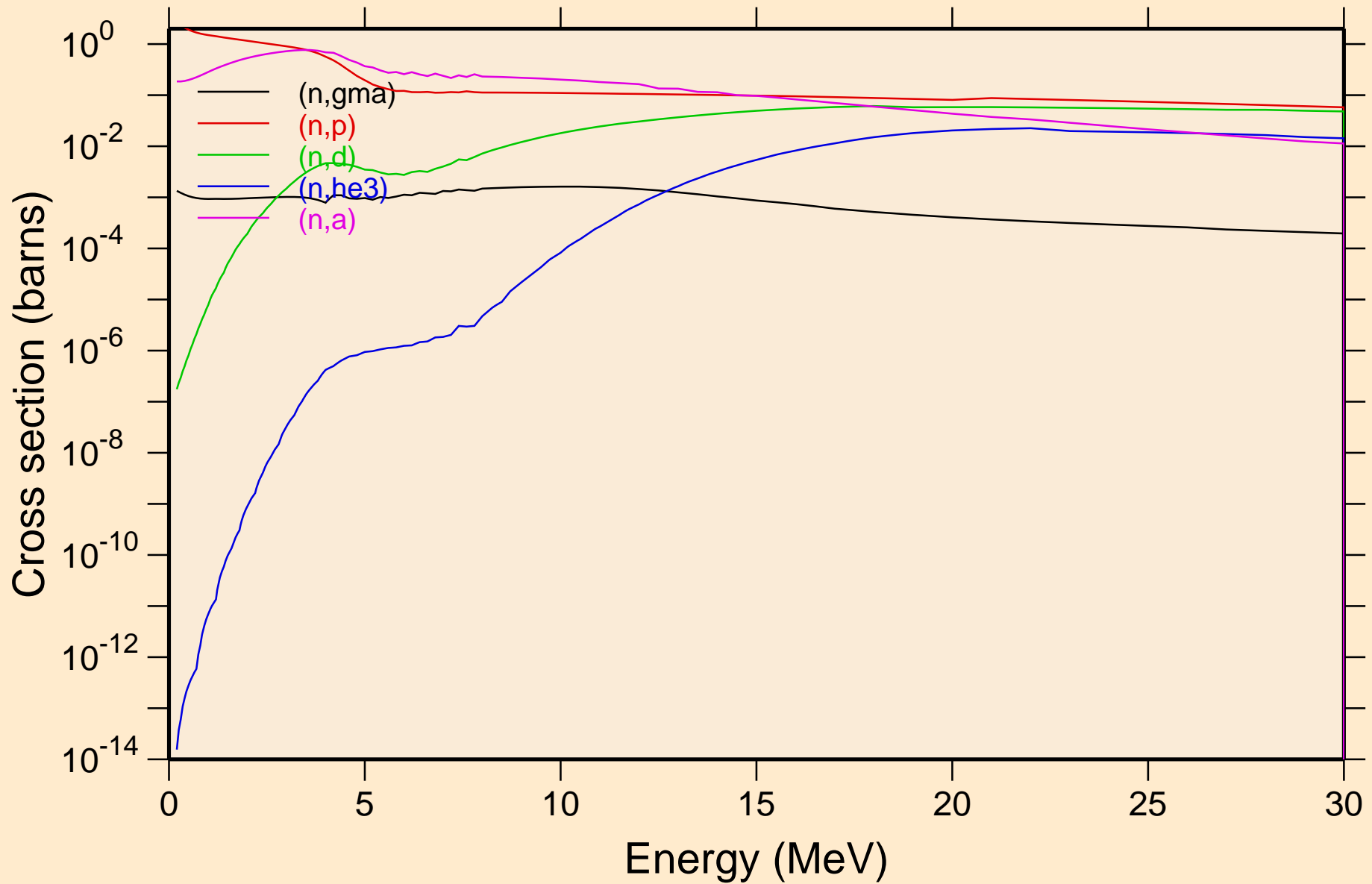


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

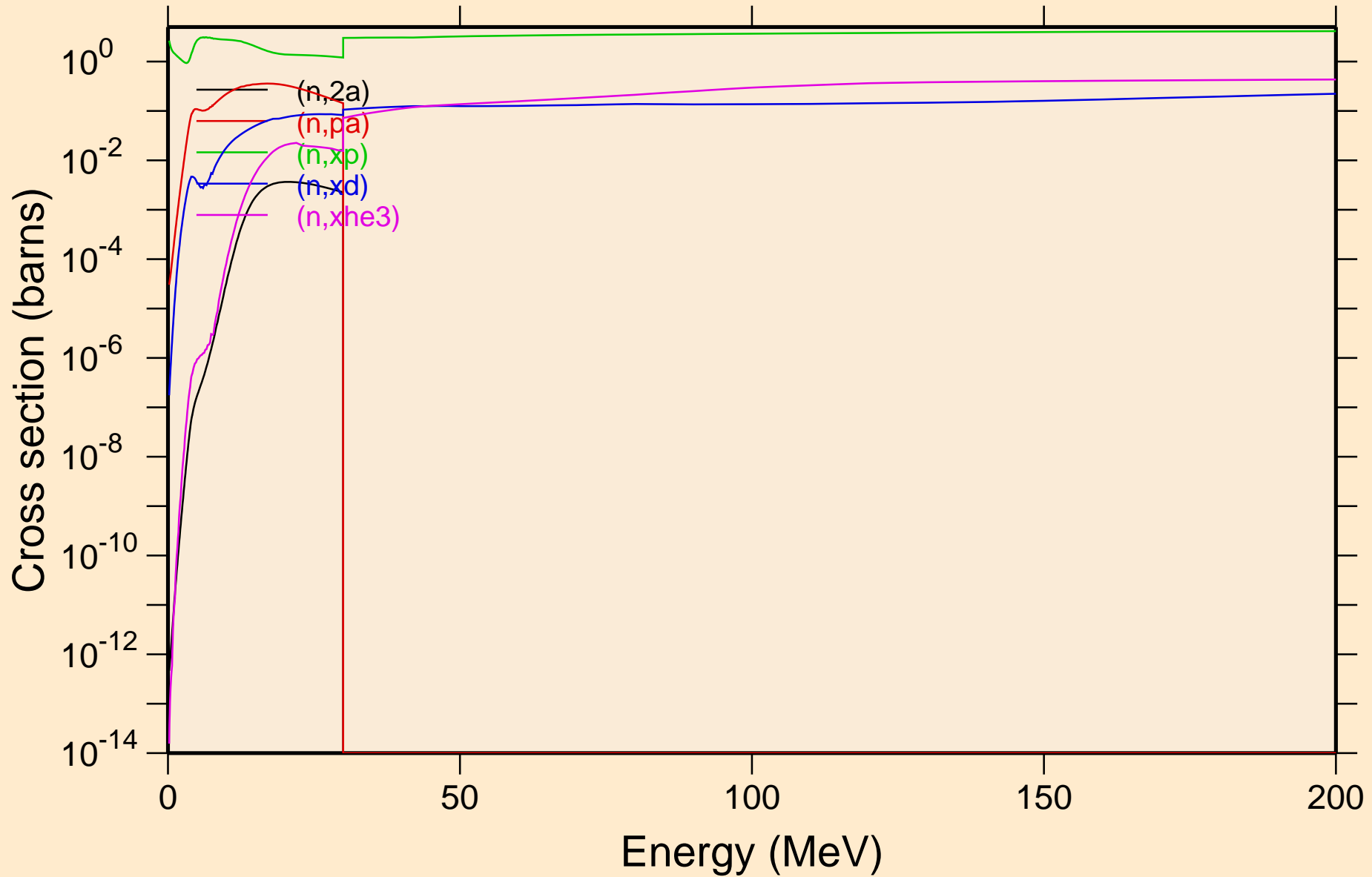


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

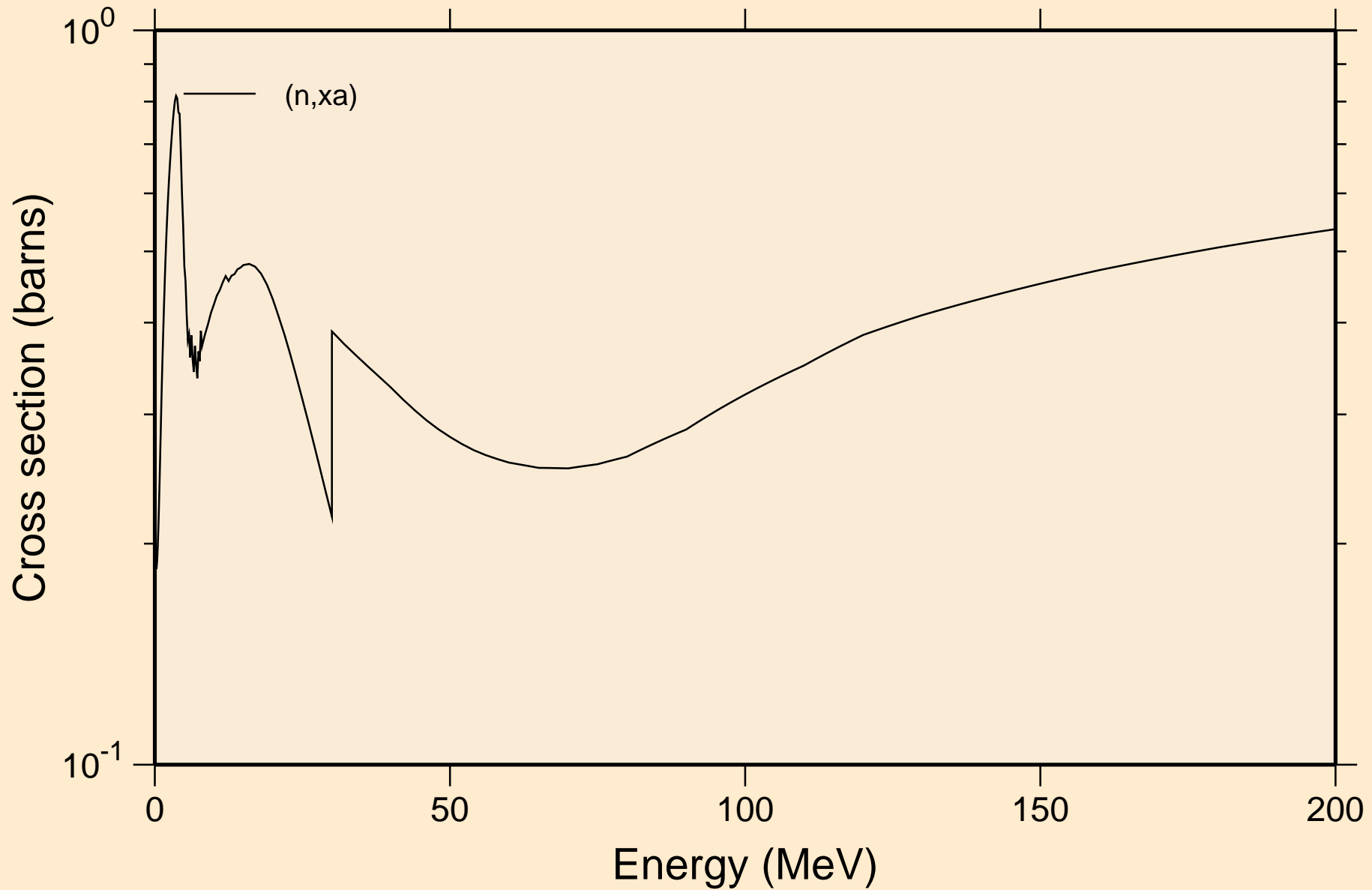


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

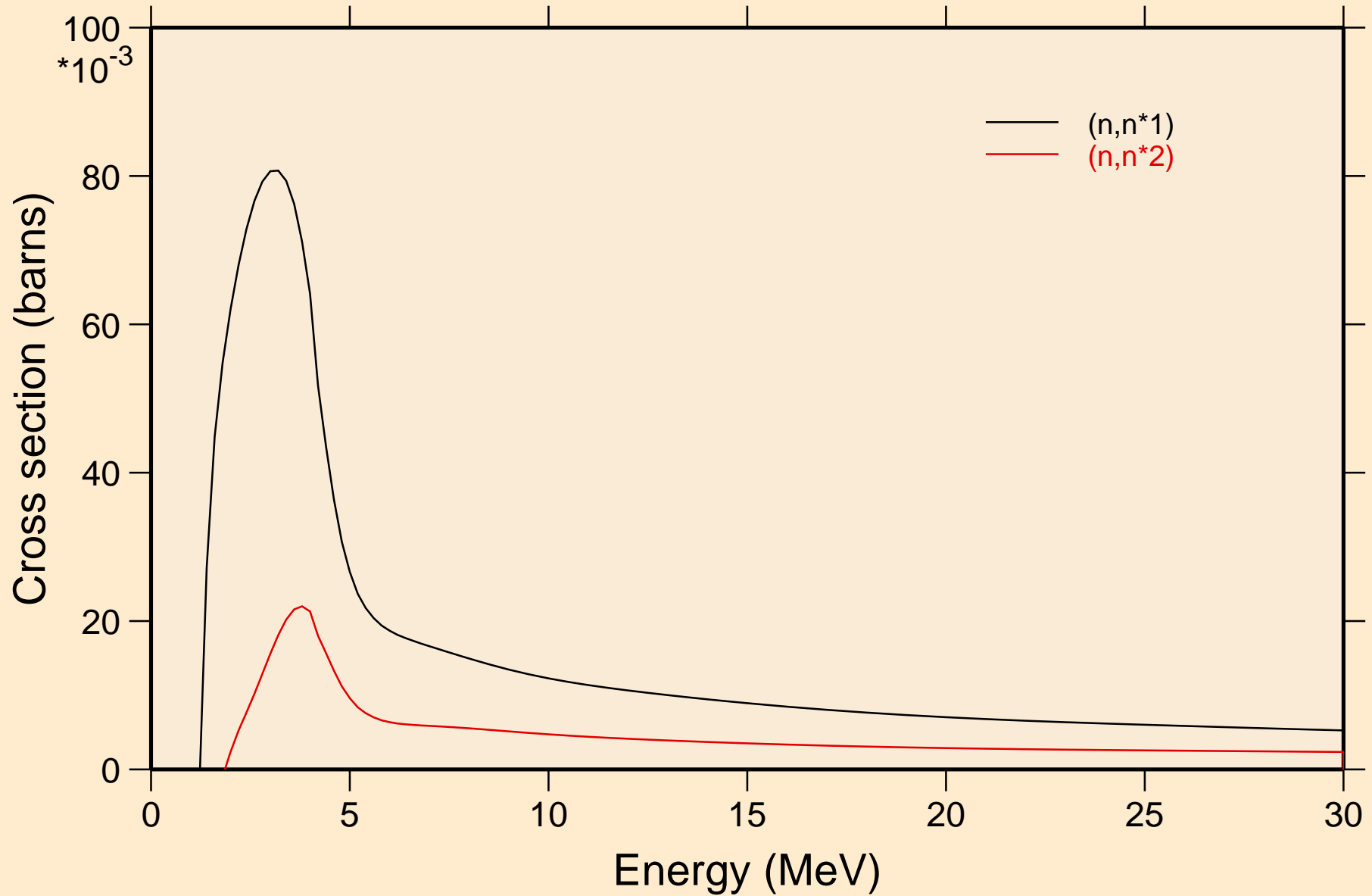
## Non-threshold reactions



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

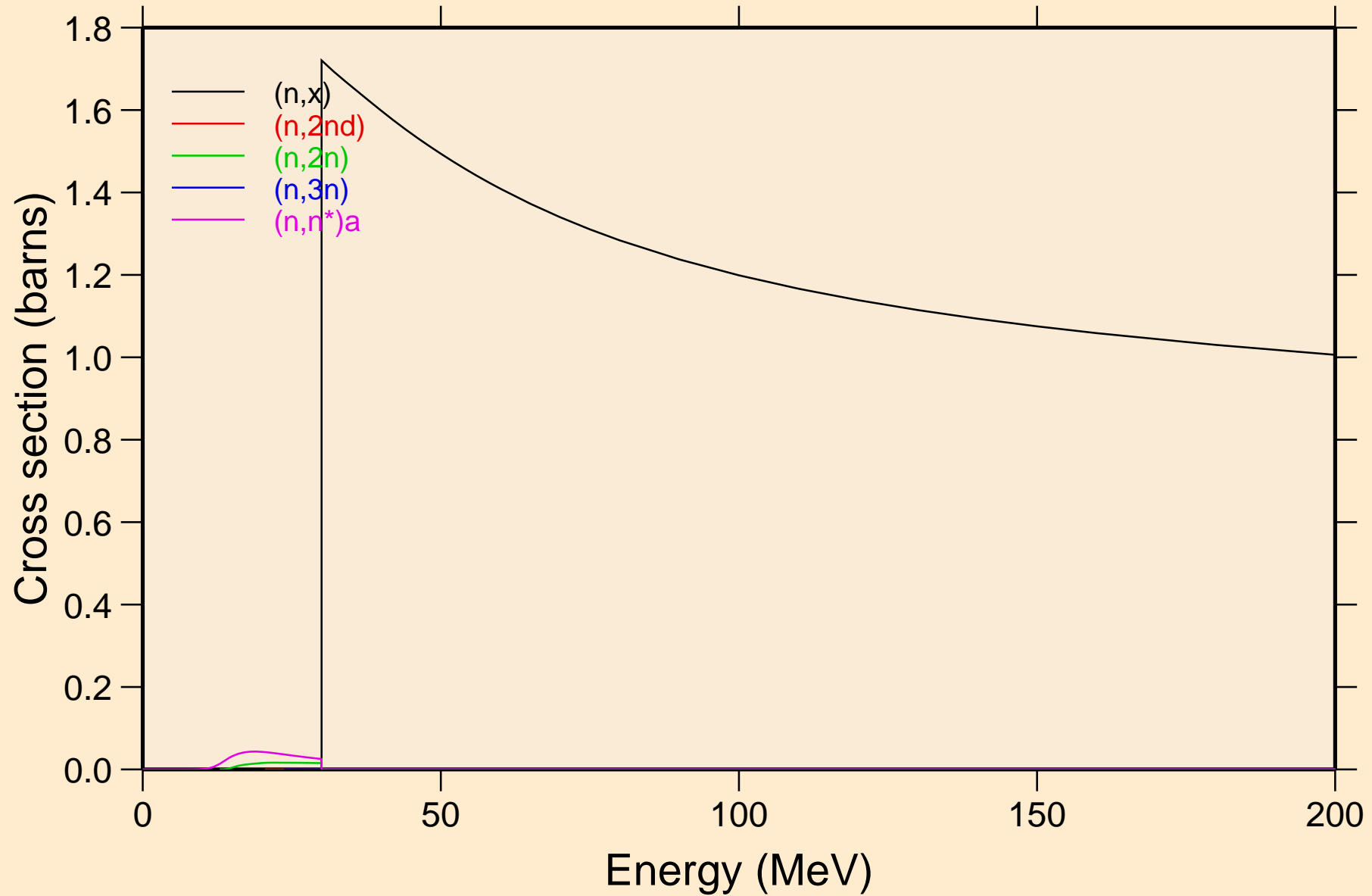


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

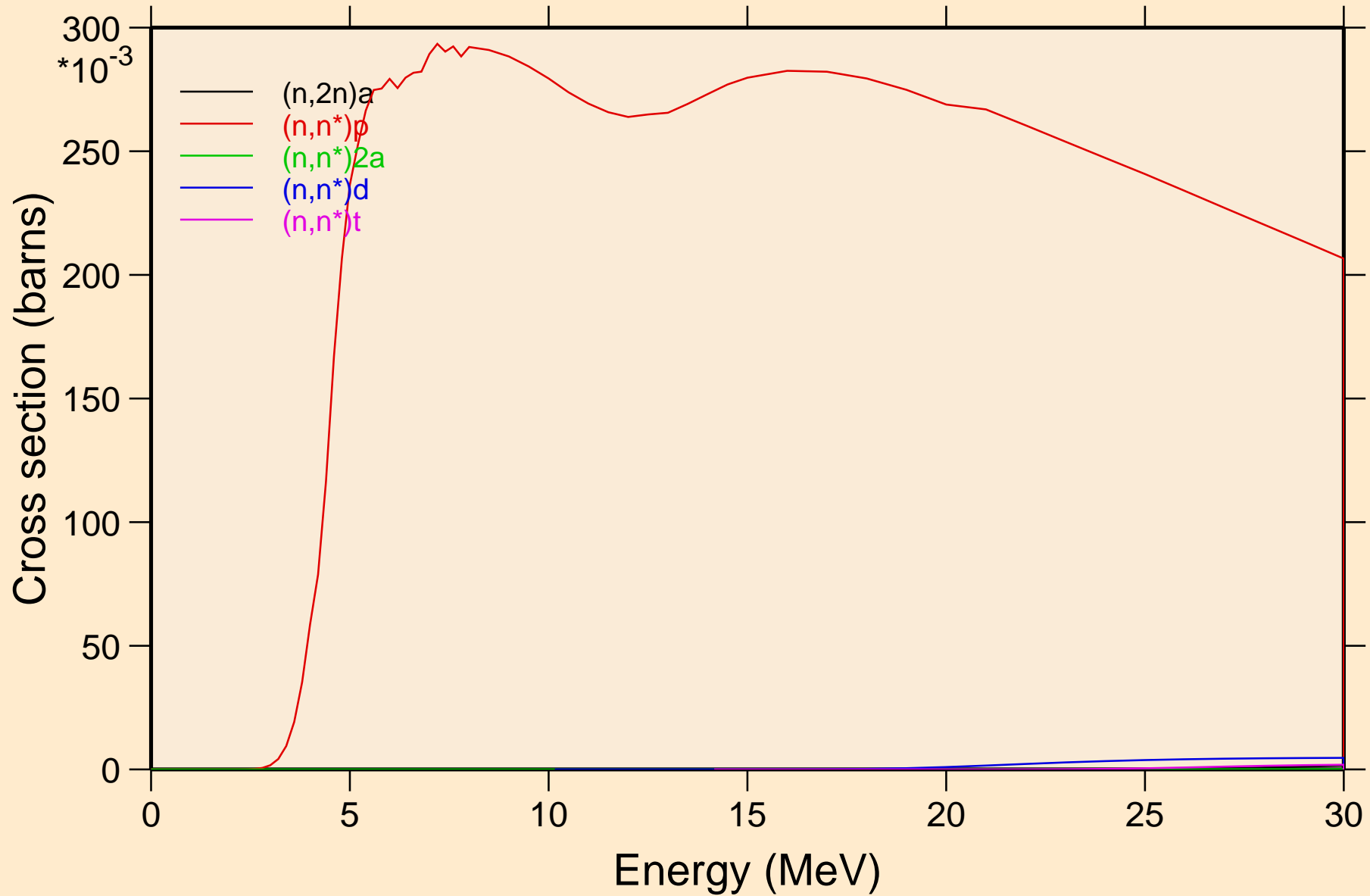


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

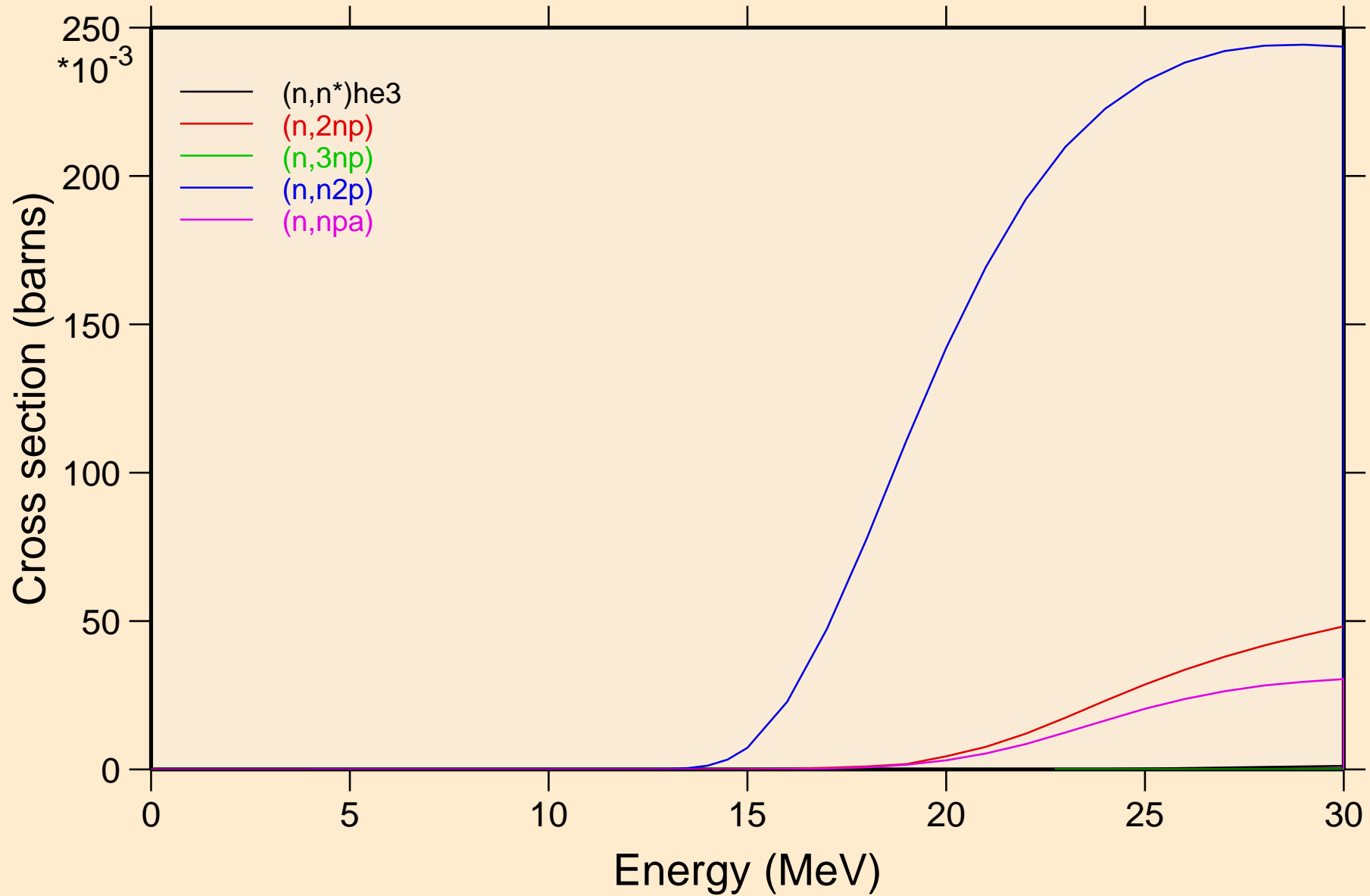


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

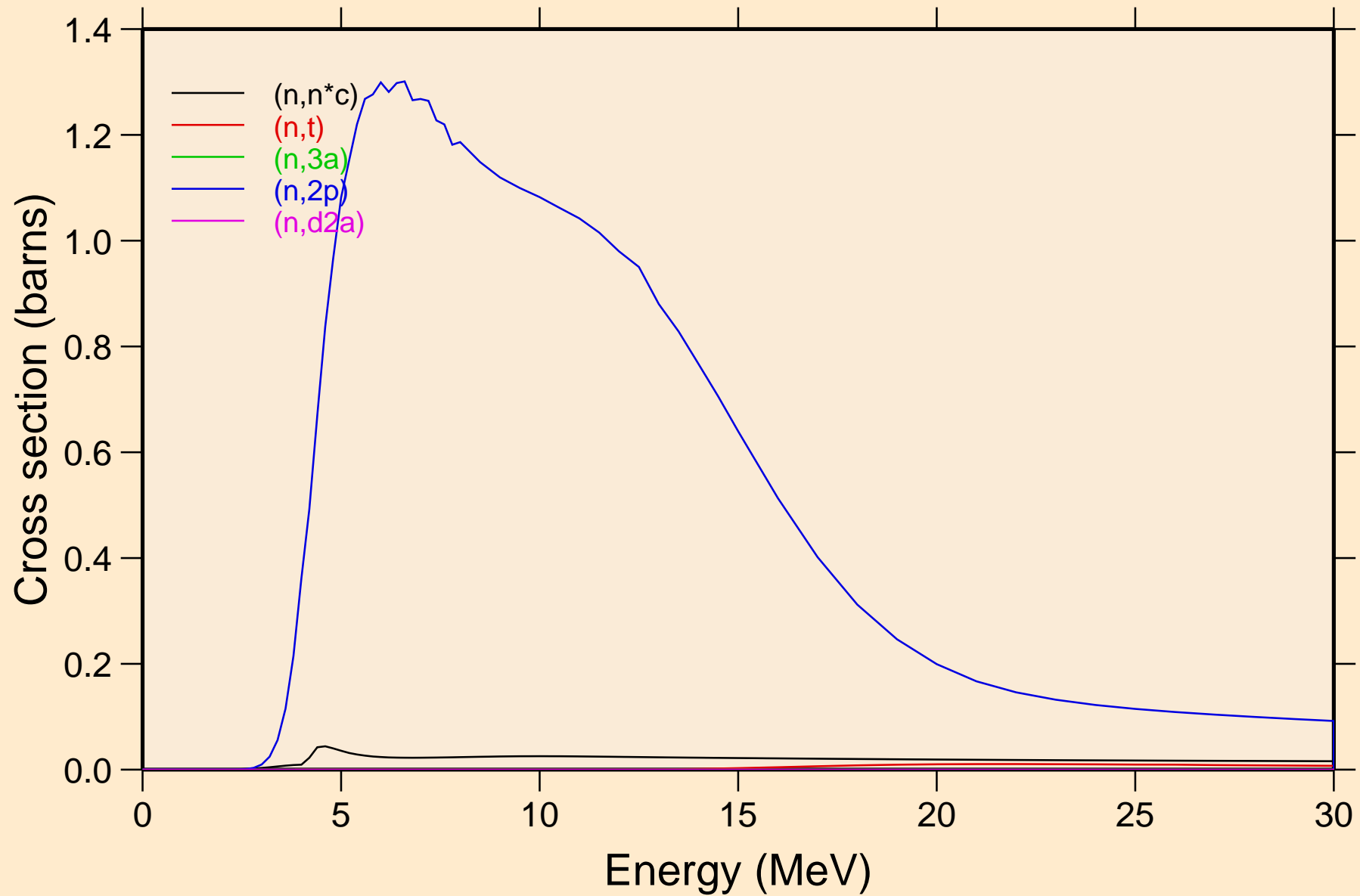


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

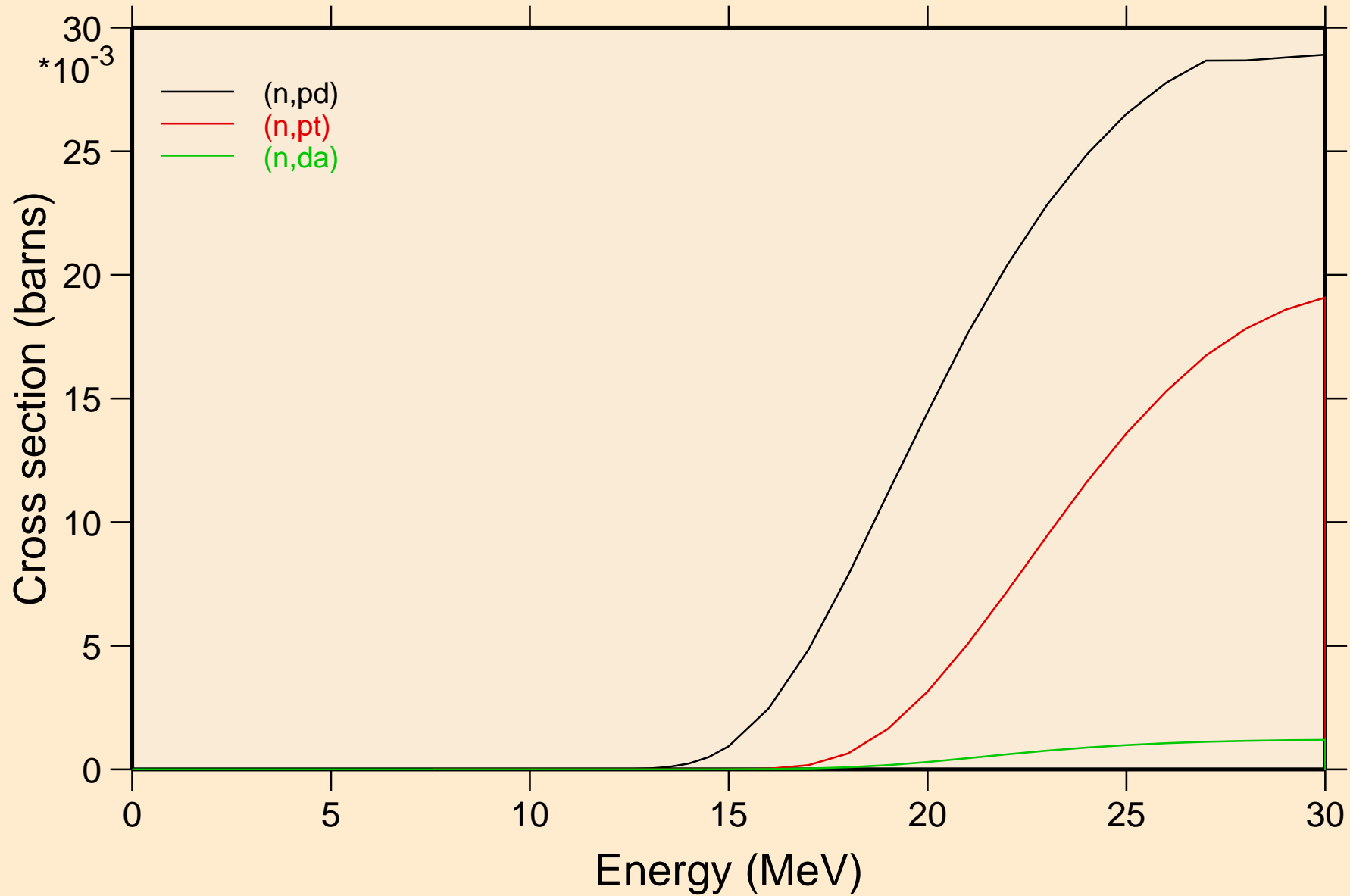
## Threshold reactions



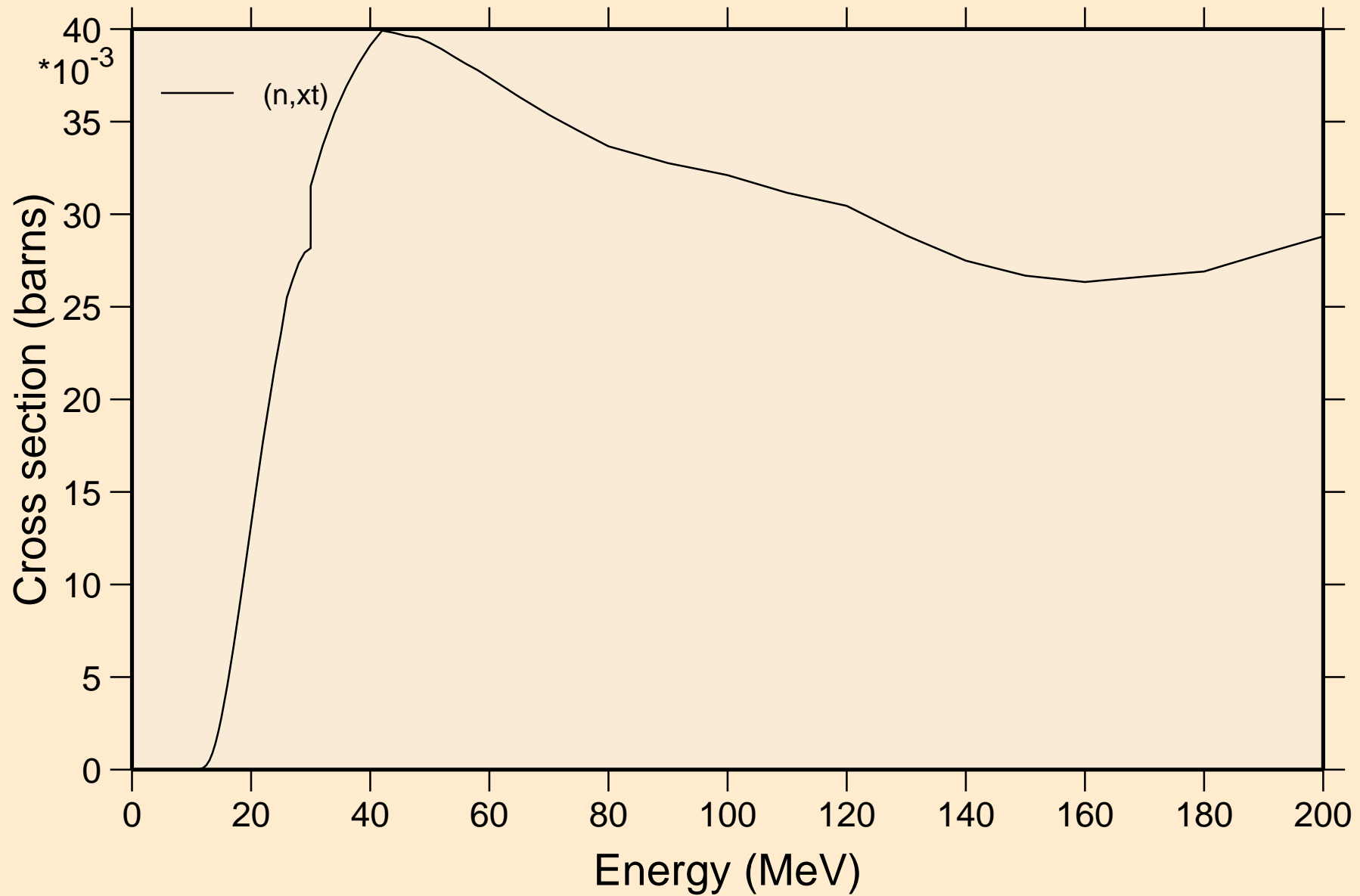
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Threshold reactions



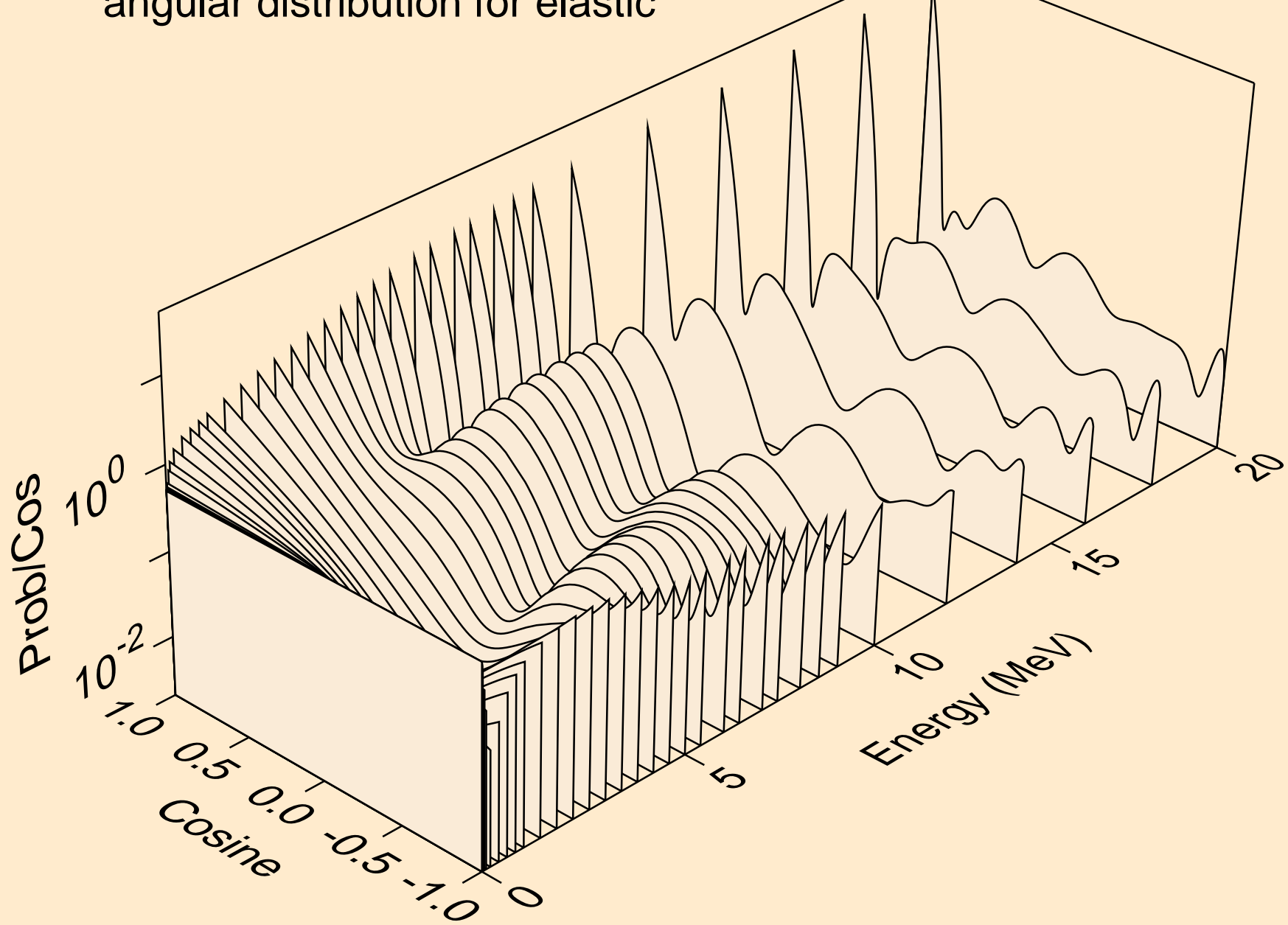
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Threshold reactions



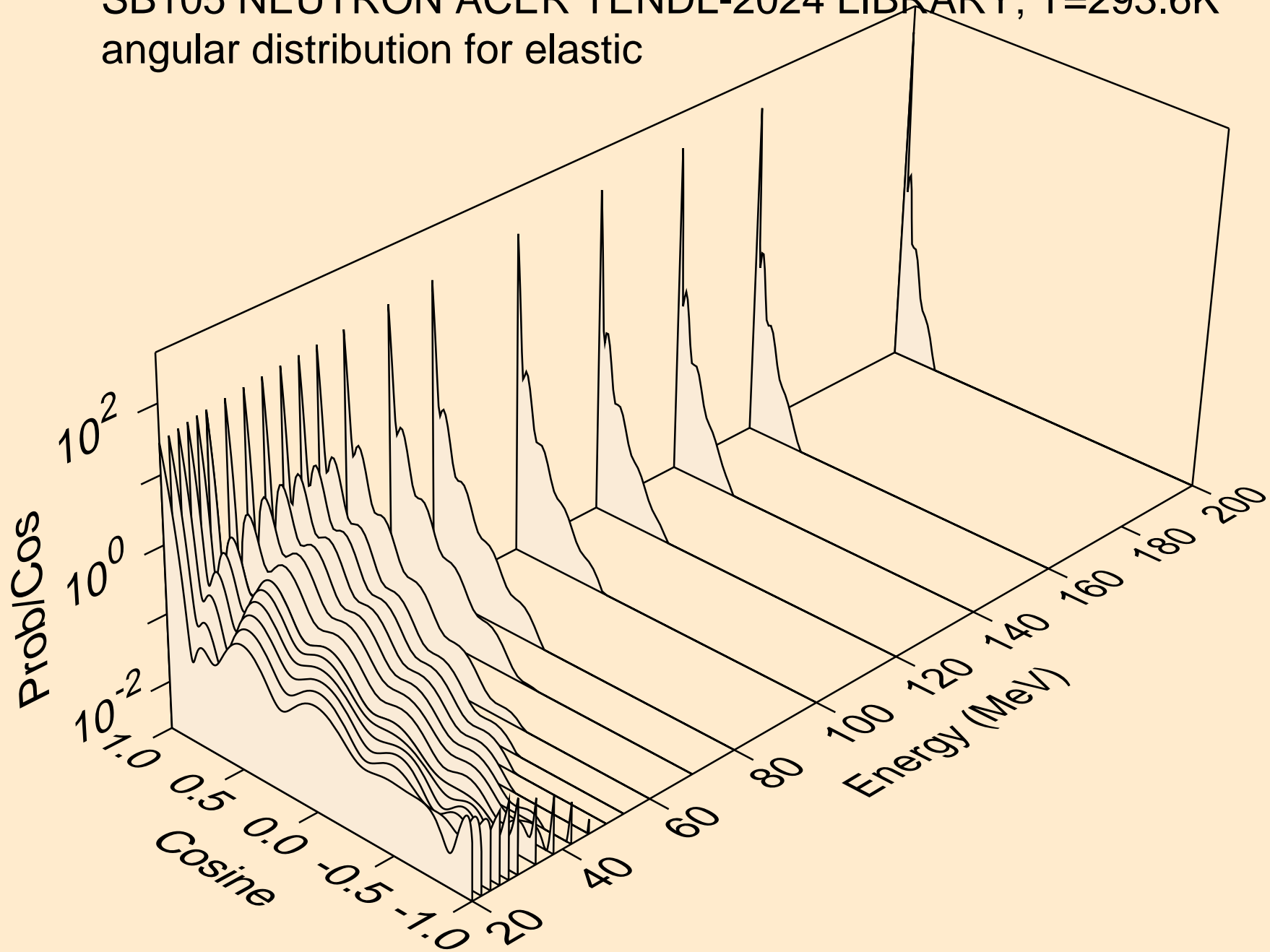
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



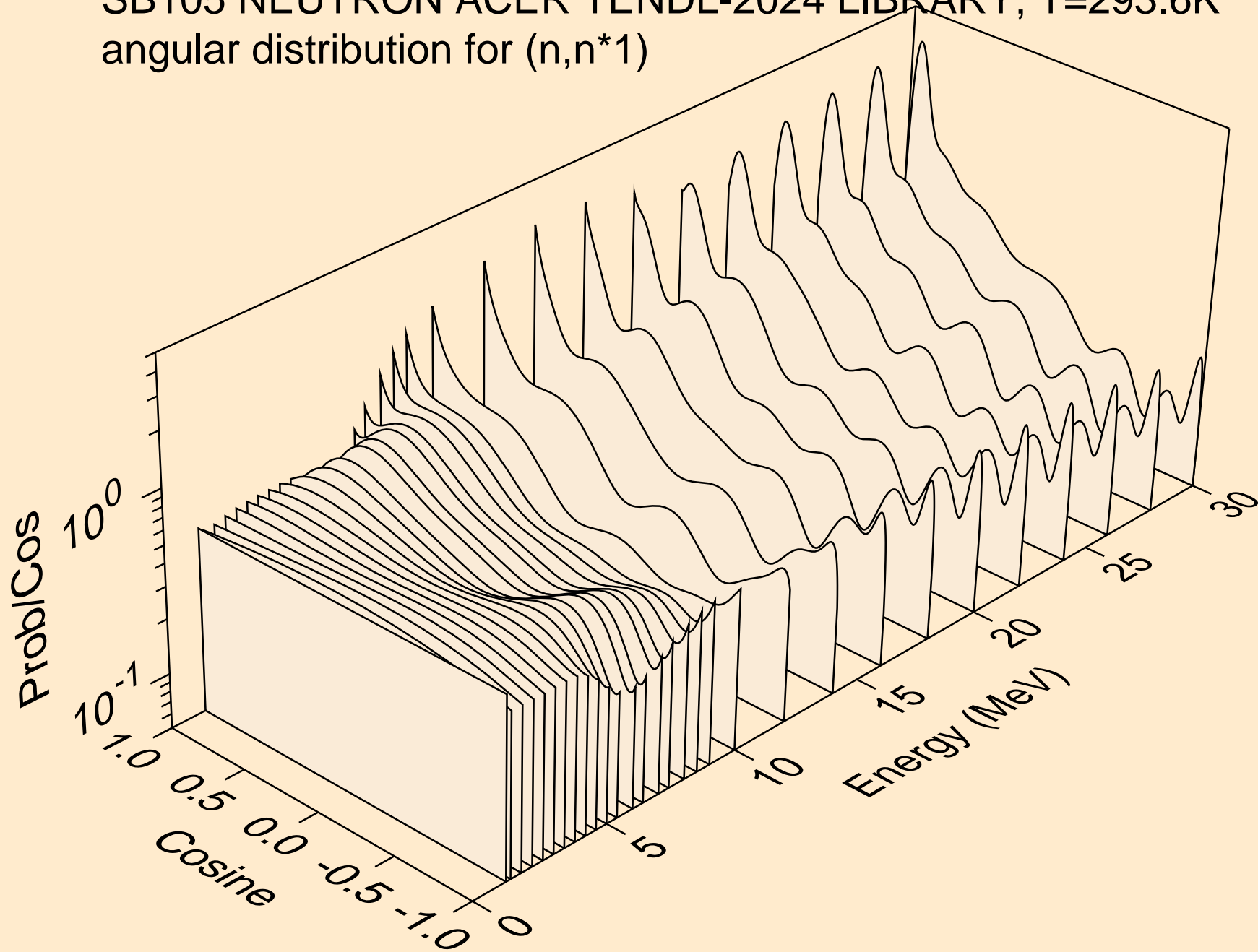
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



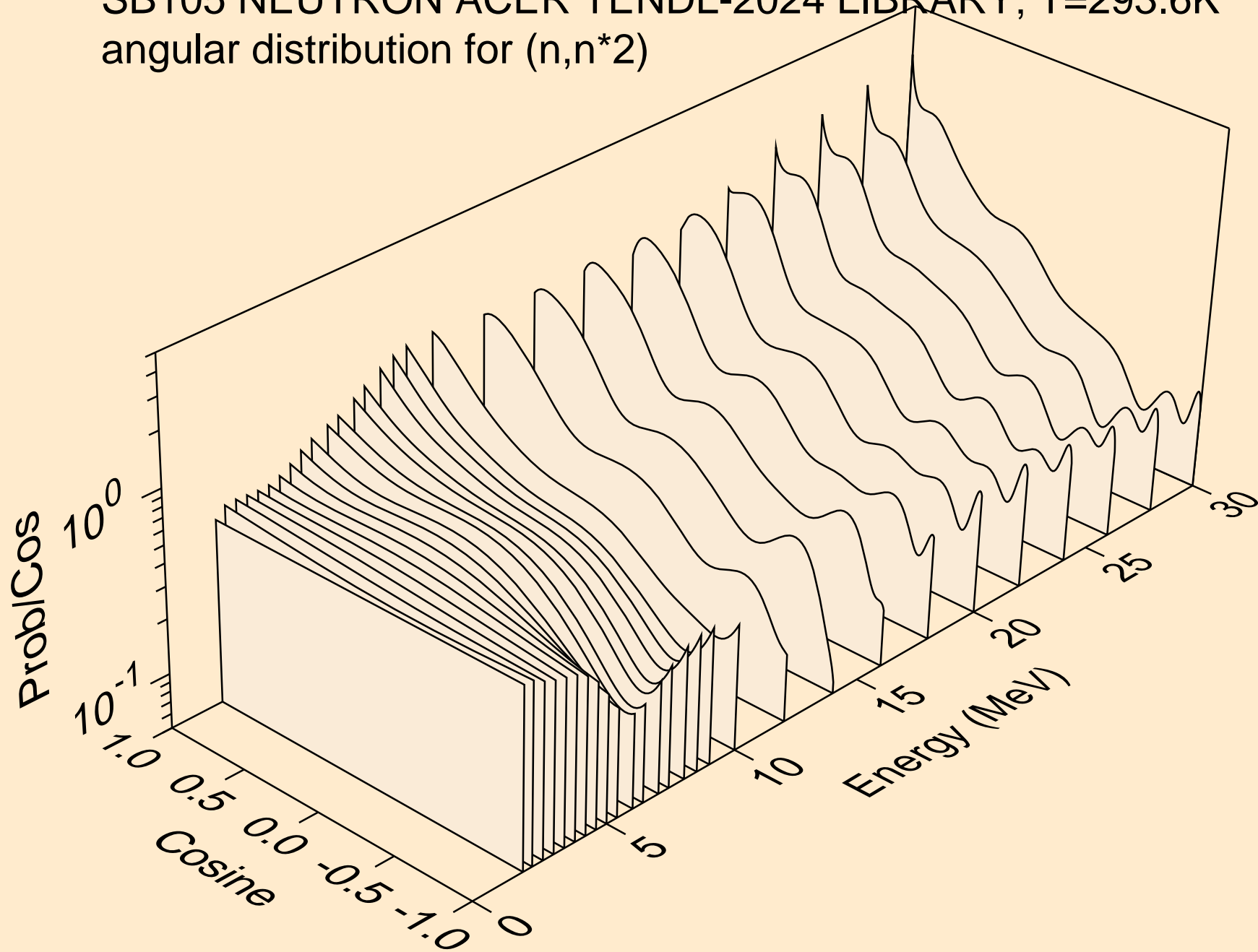
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angular distribution for elastic



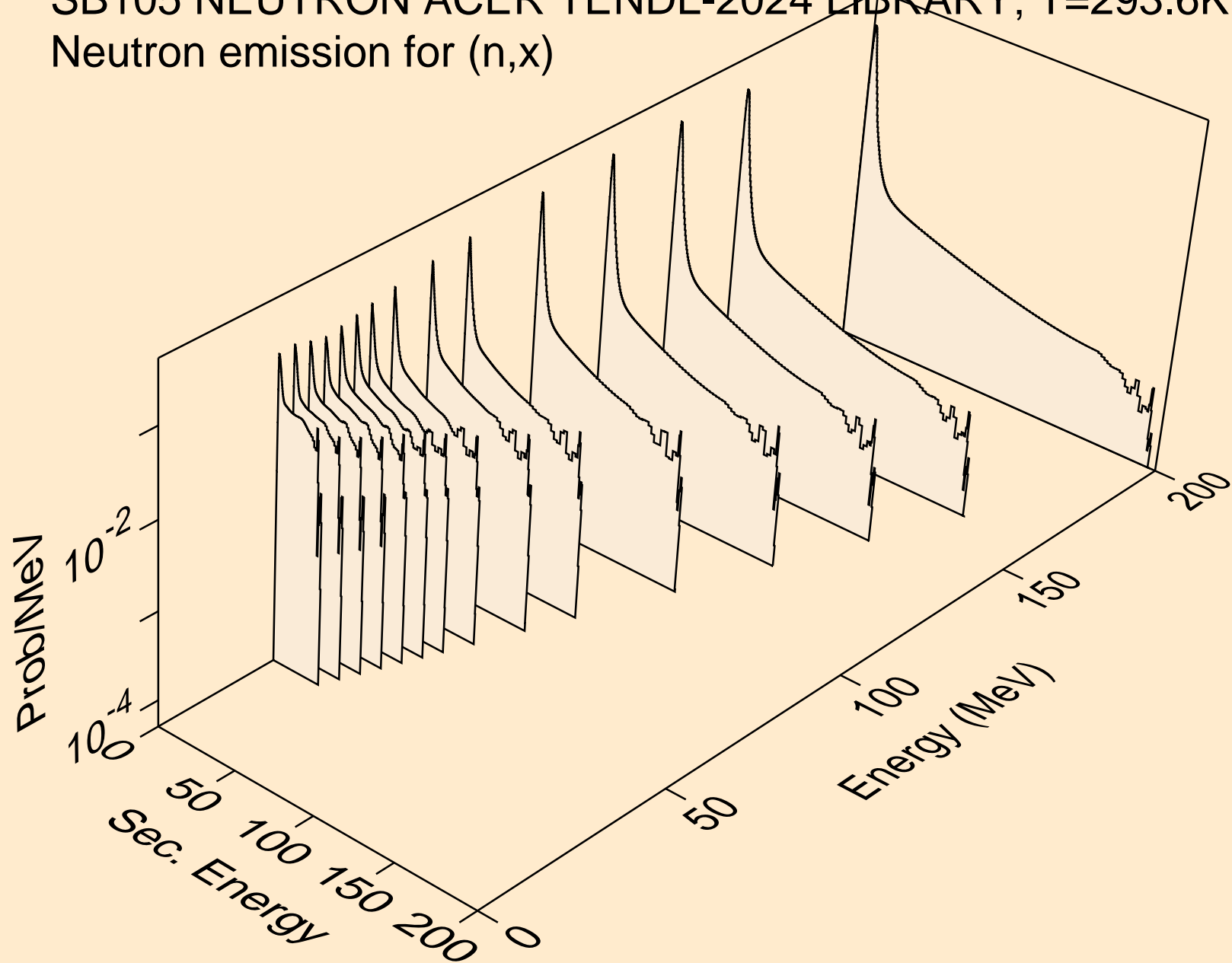
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



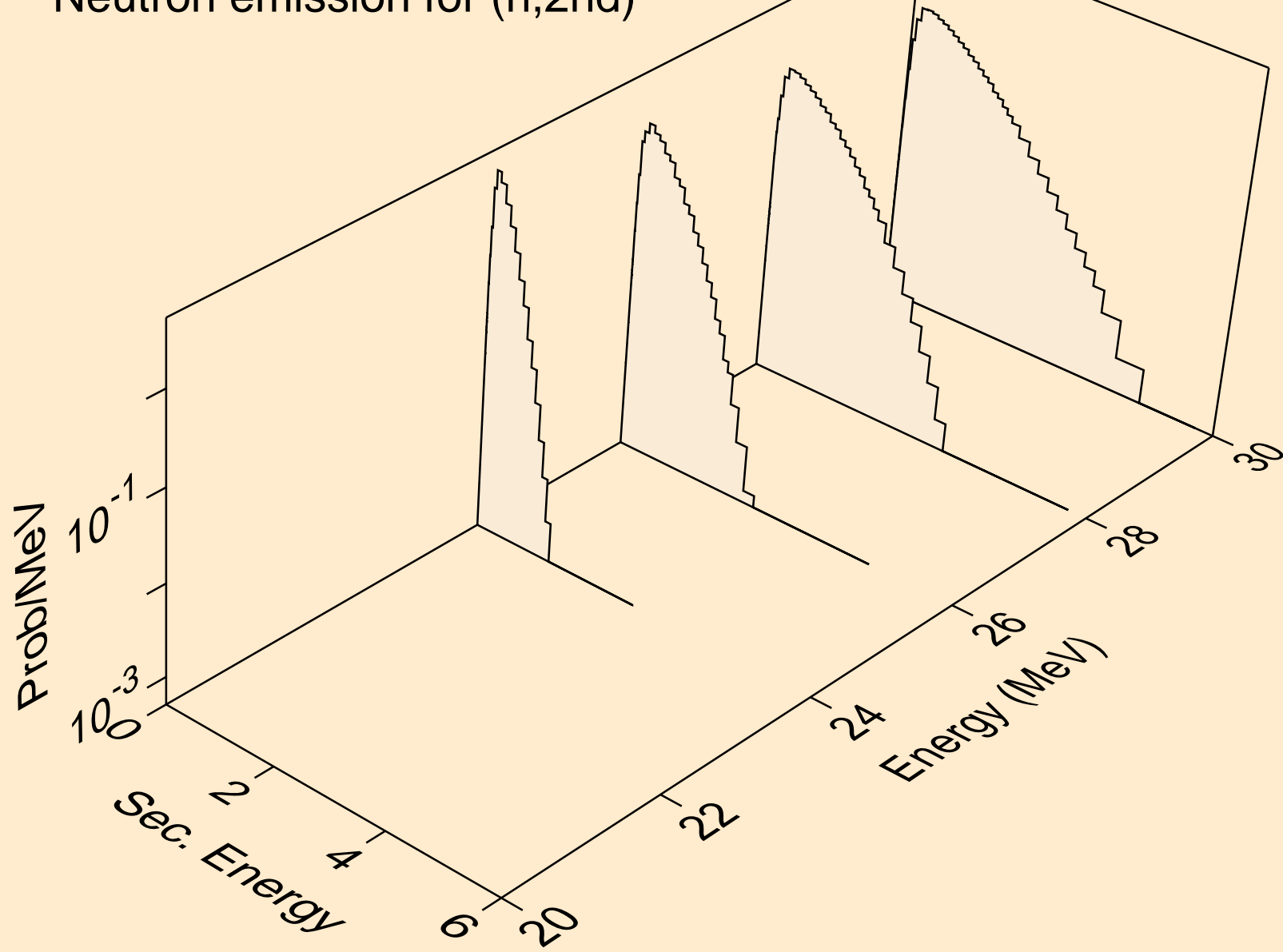
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angular distribution for (n,n\*2)



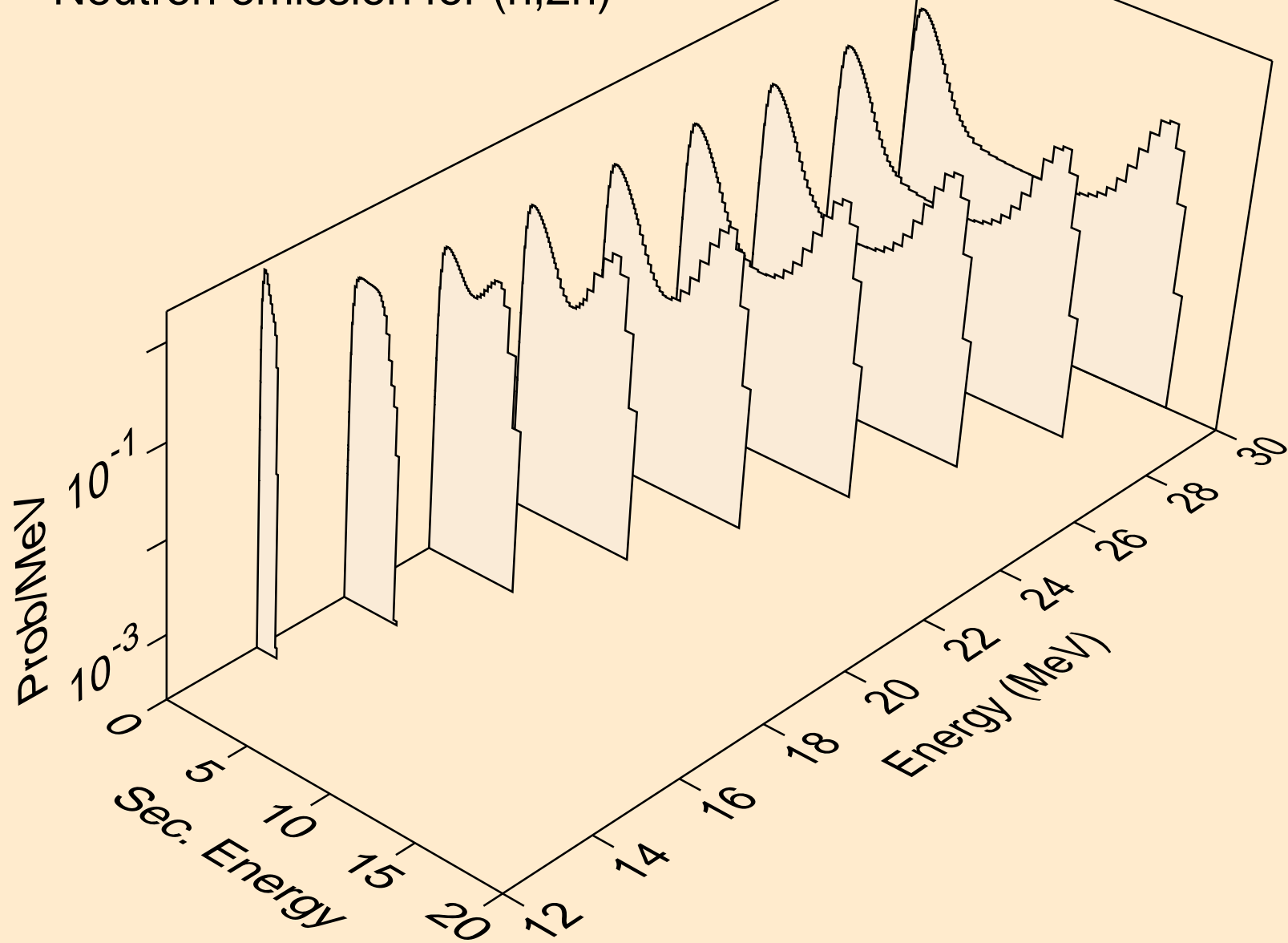
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



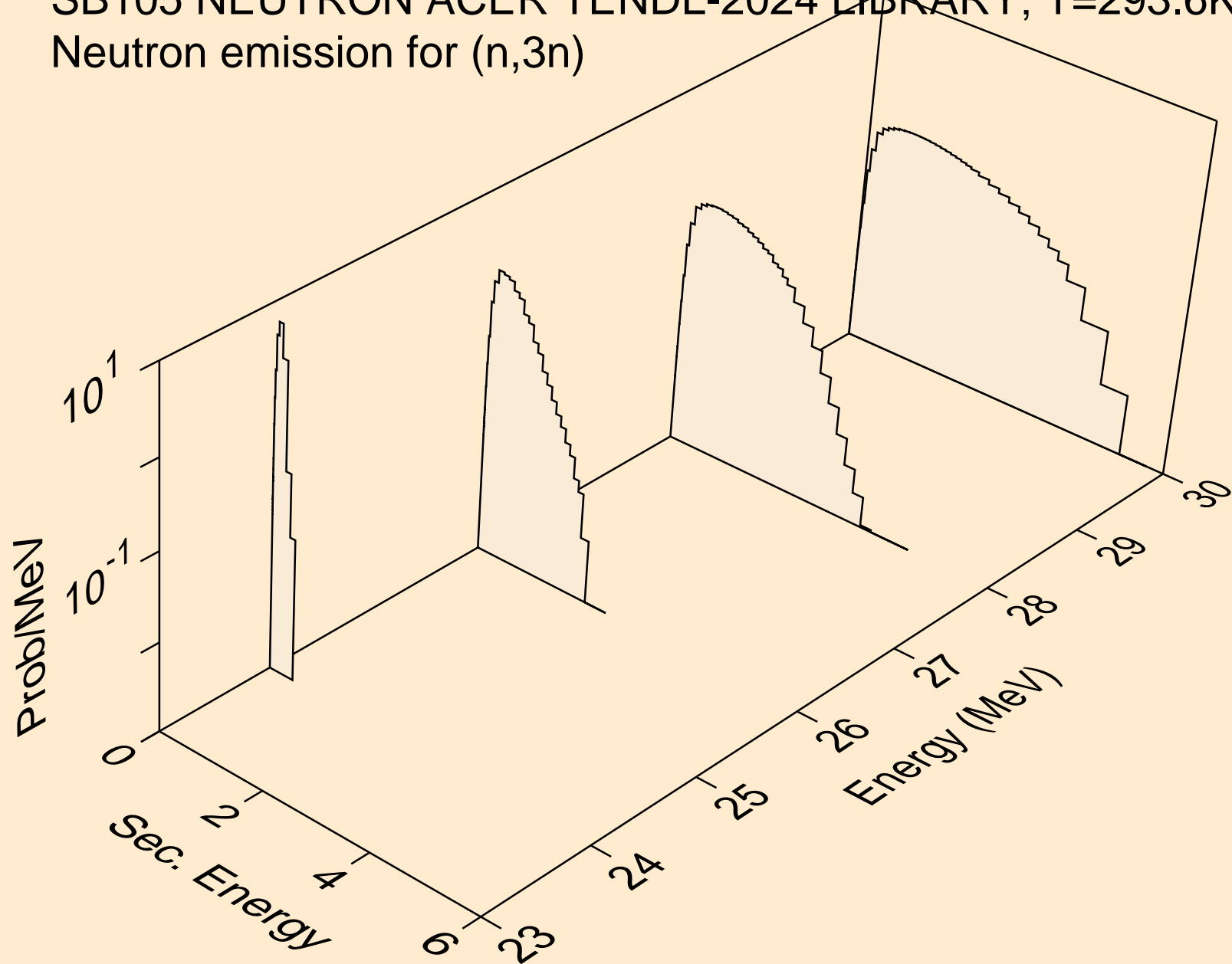
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Neutron emission for (n,2nd)



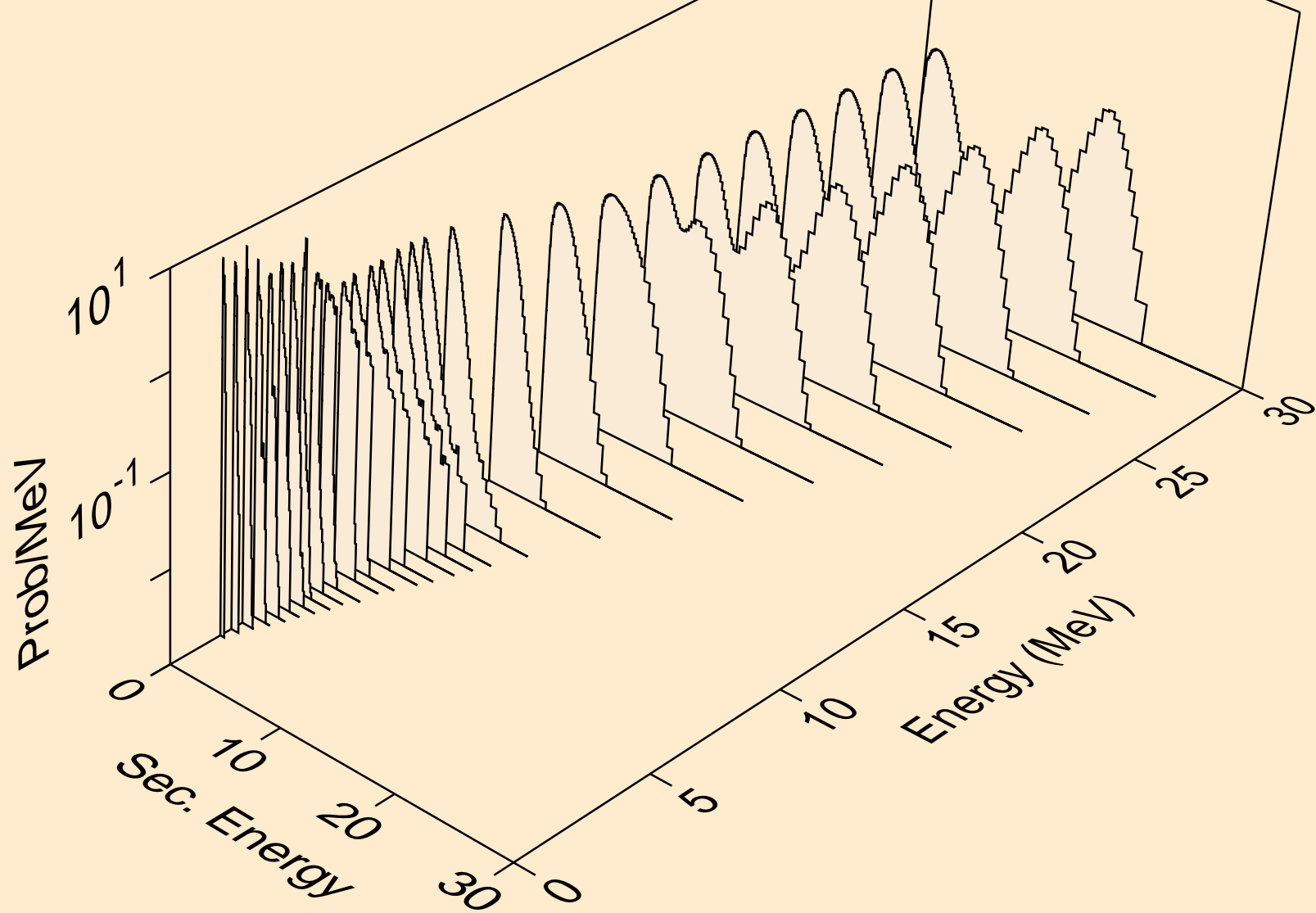
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Neutron emission for (n,2n)



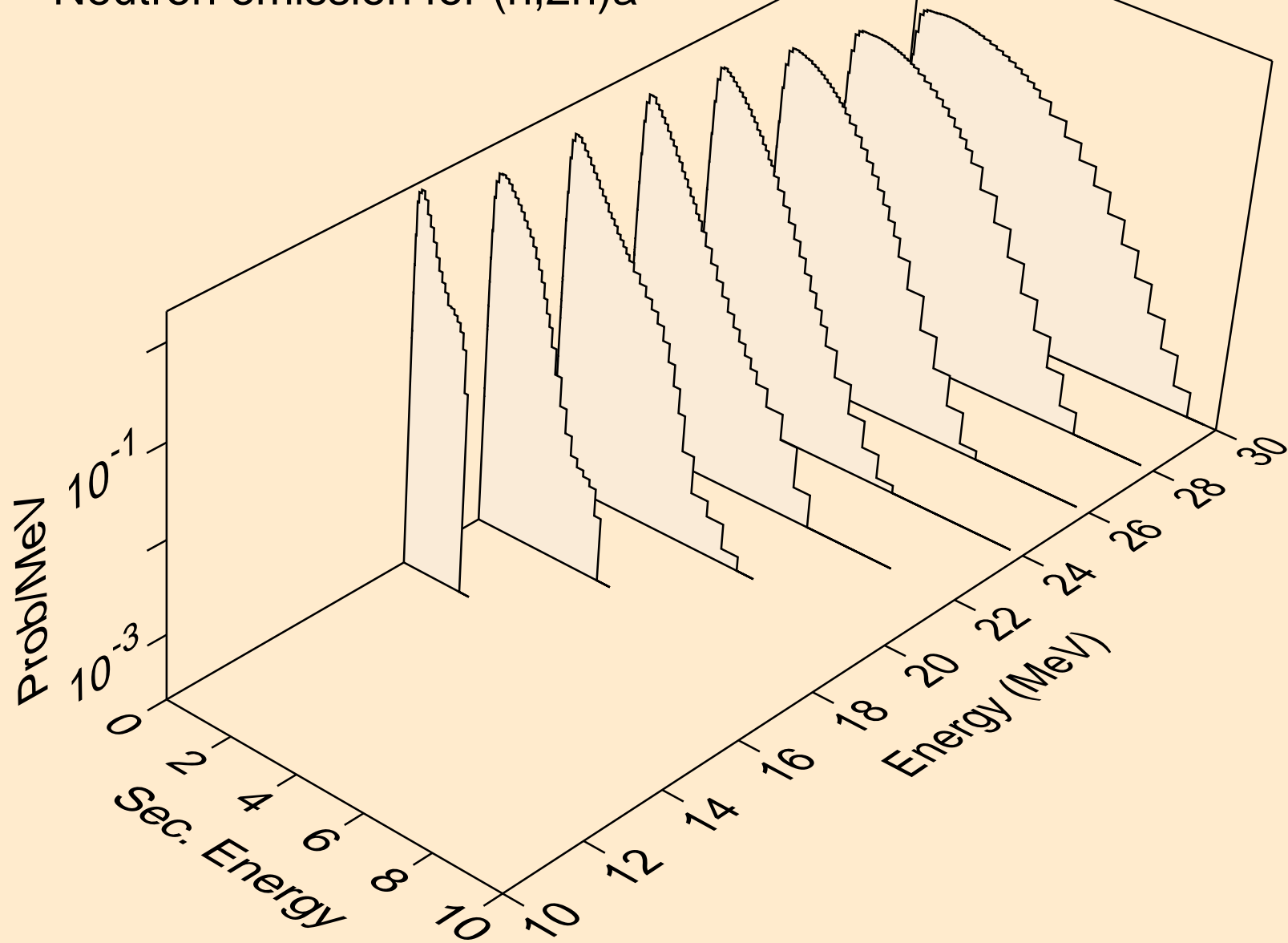
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



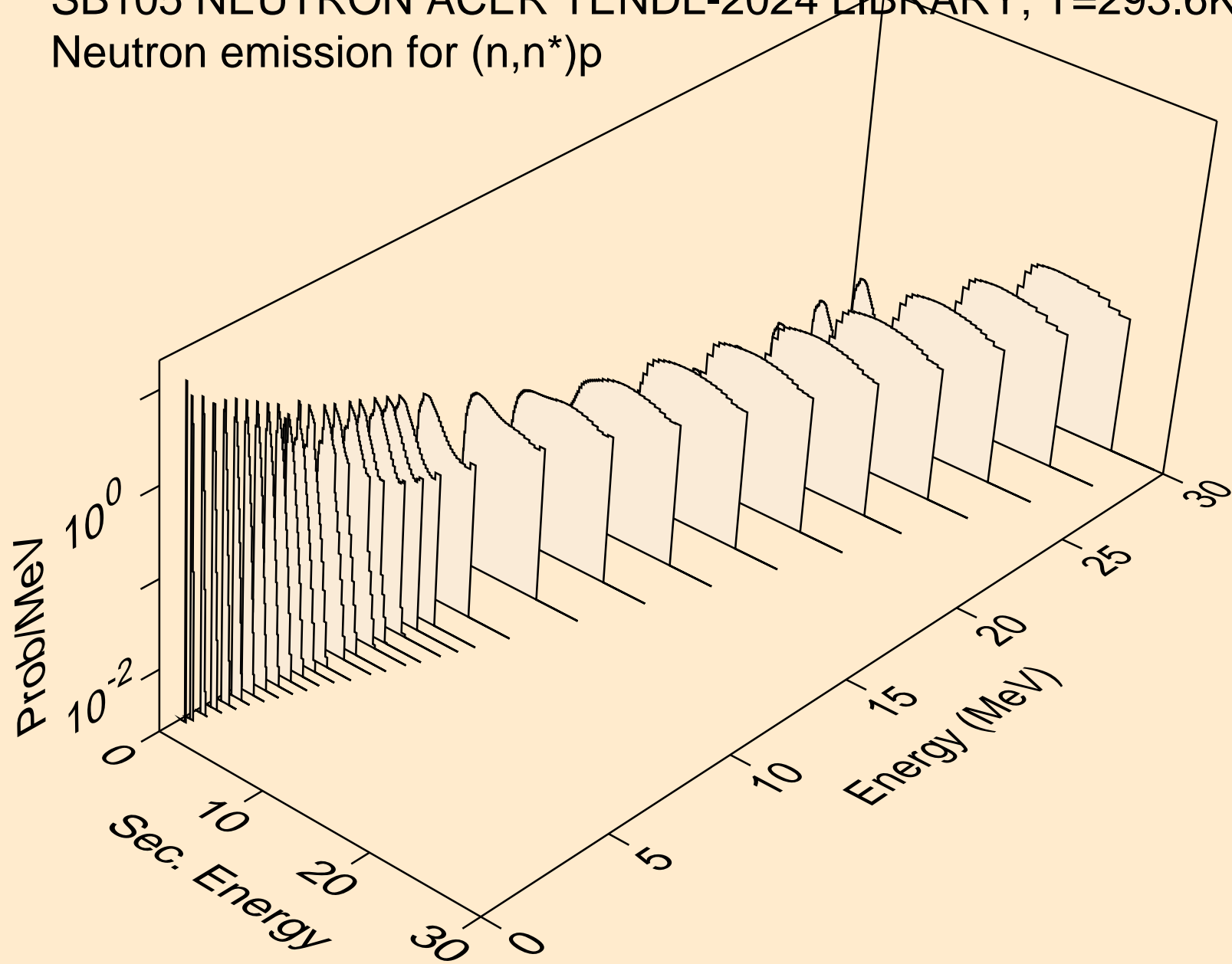
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



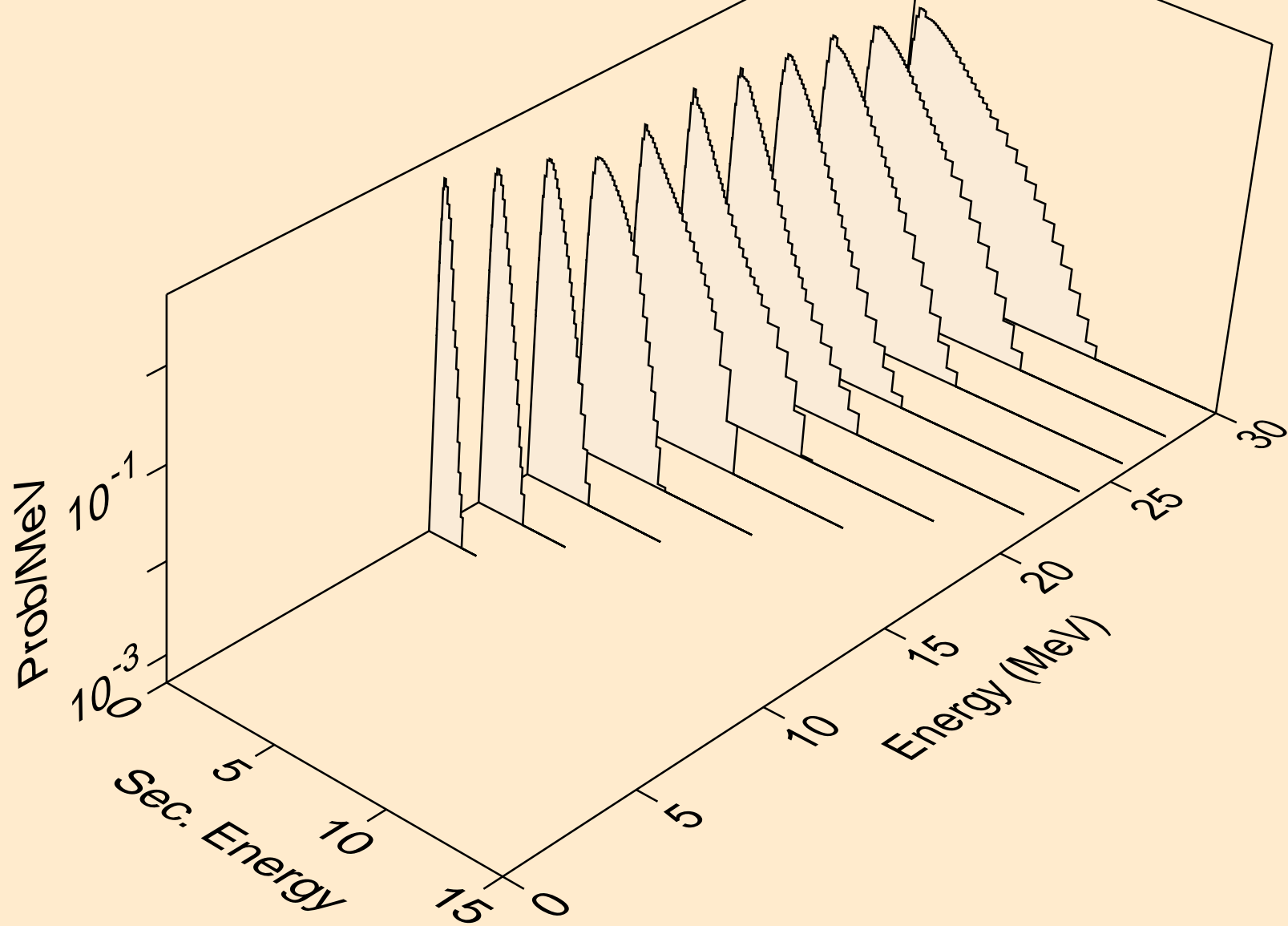
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



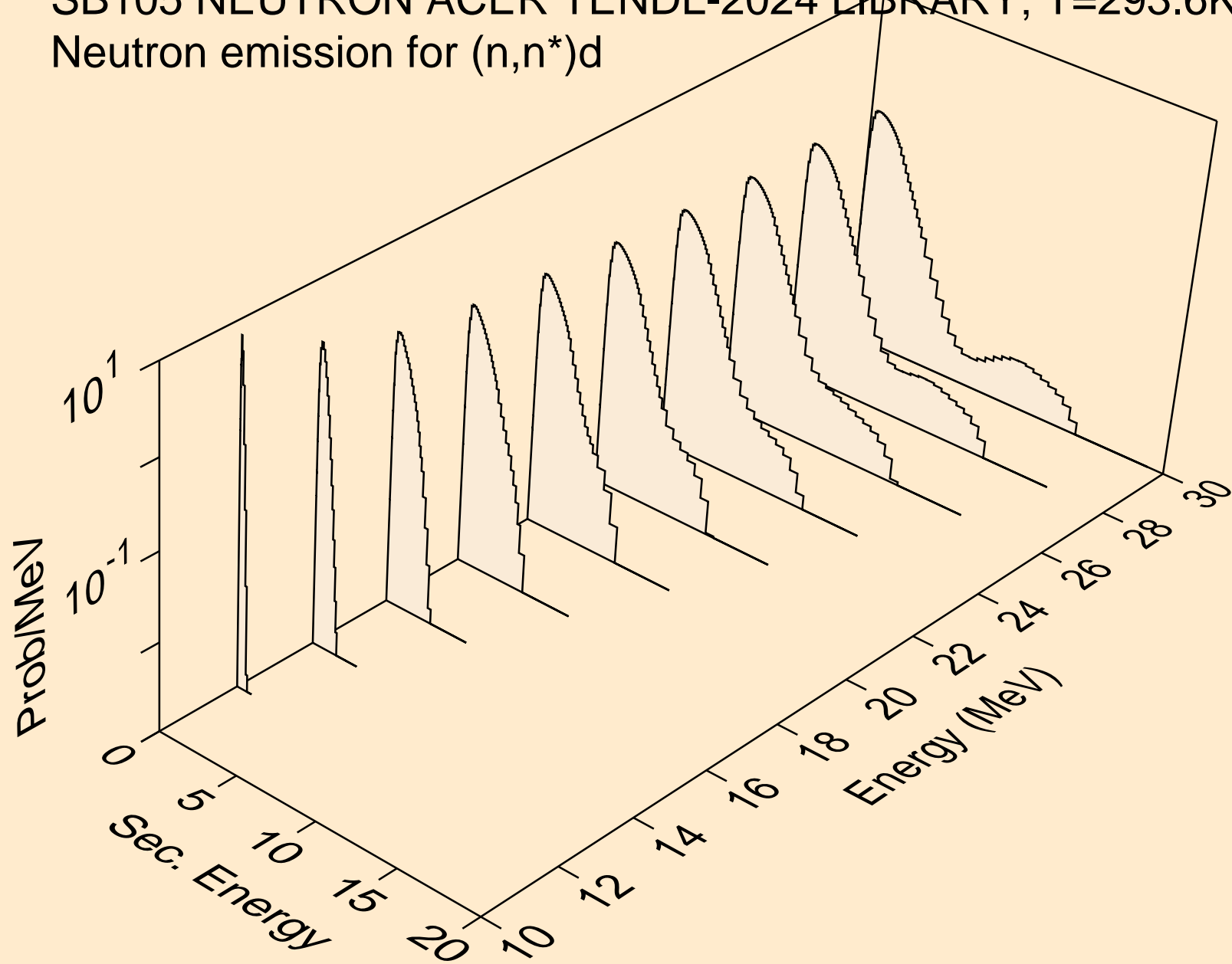
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



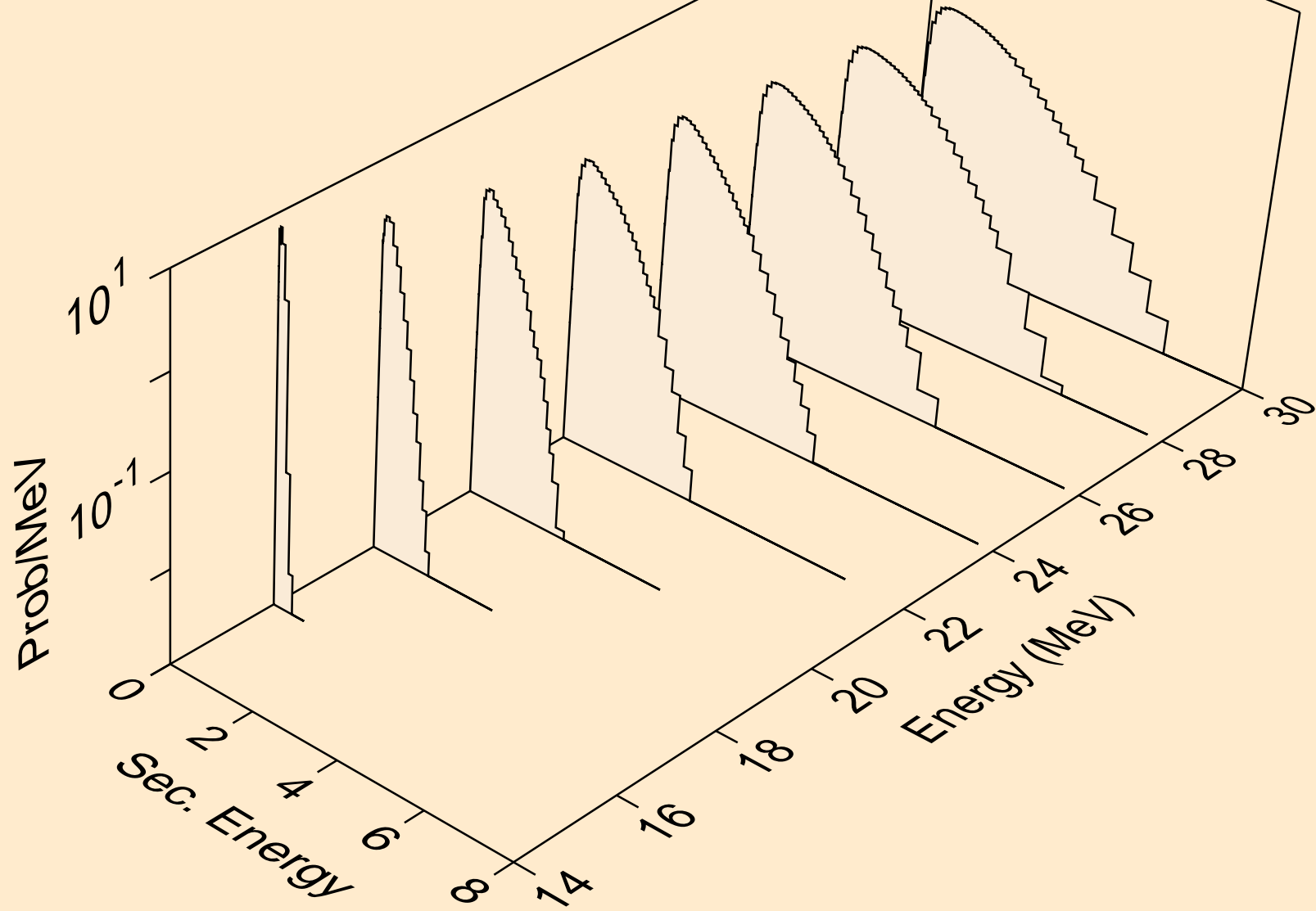
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



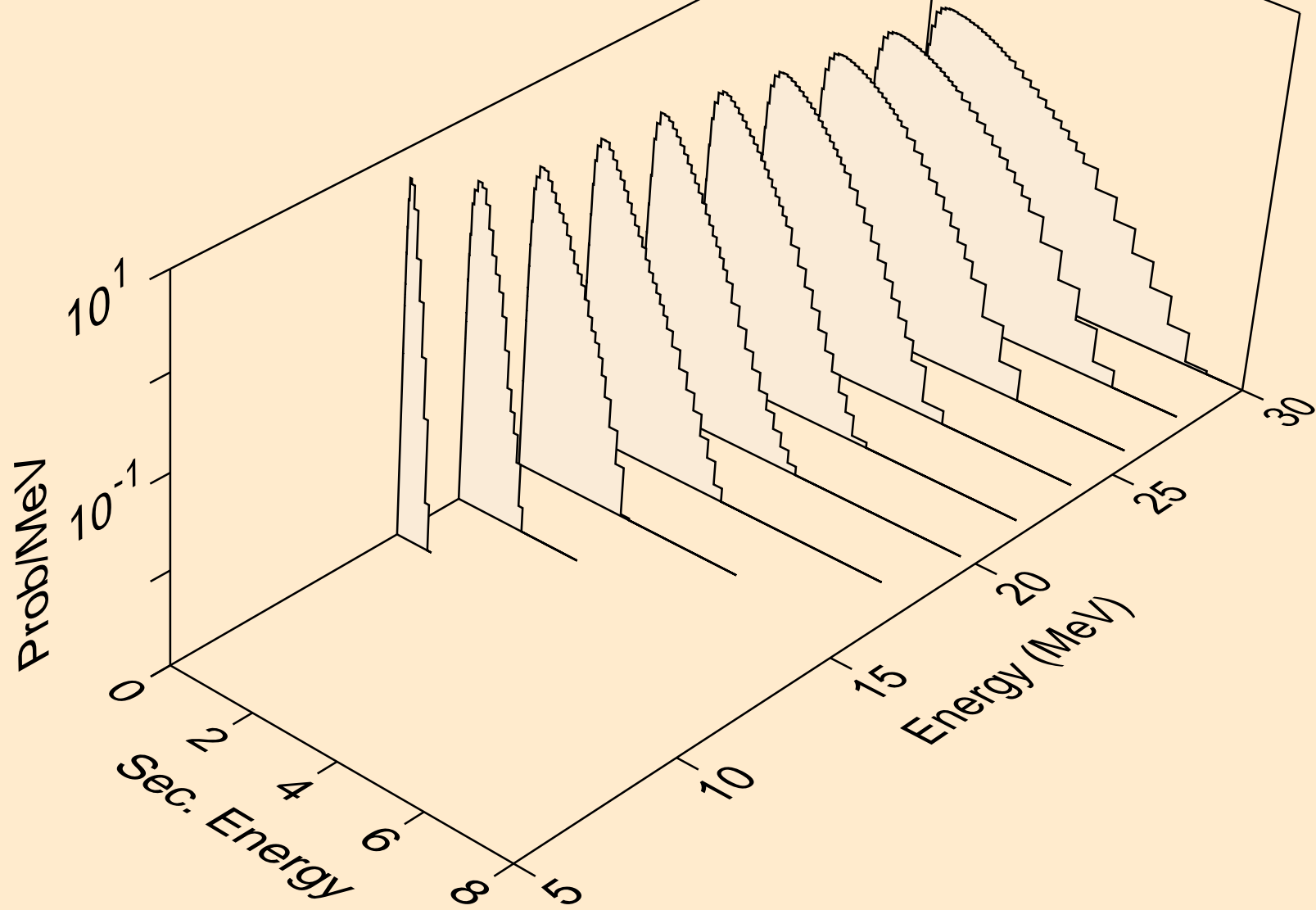
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



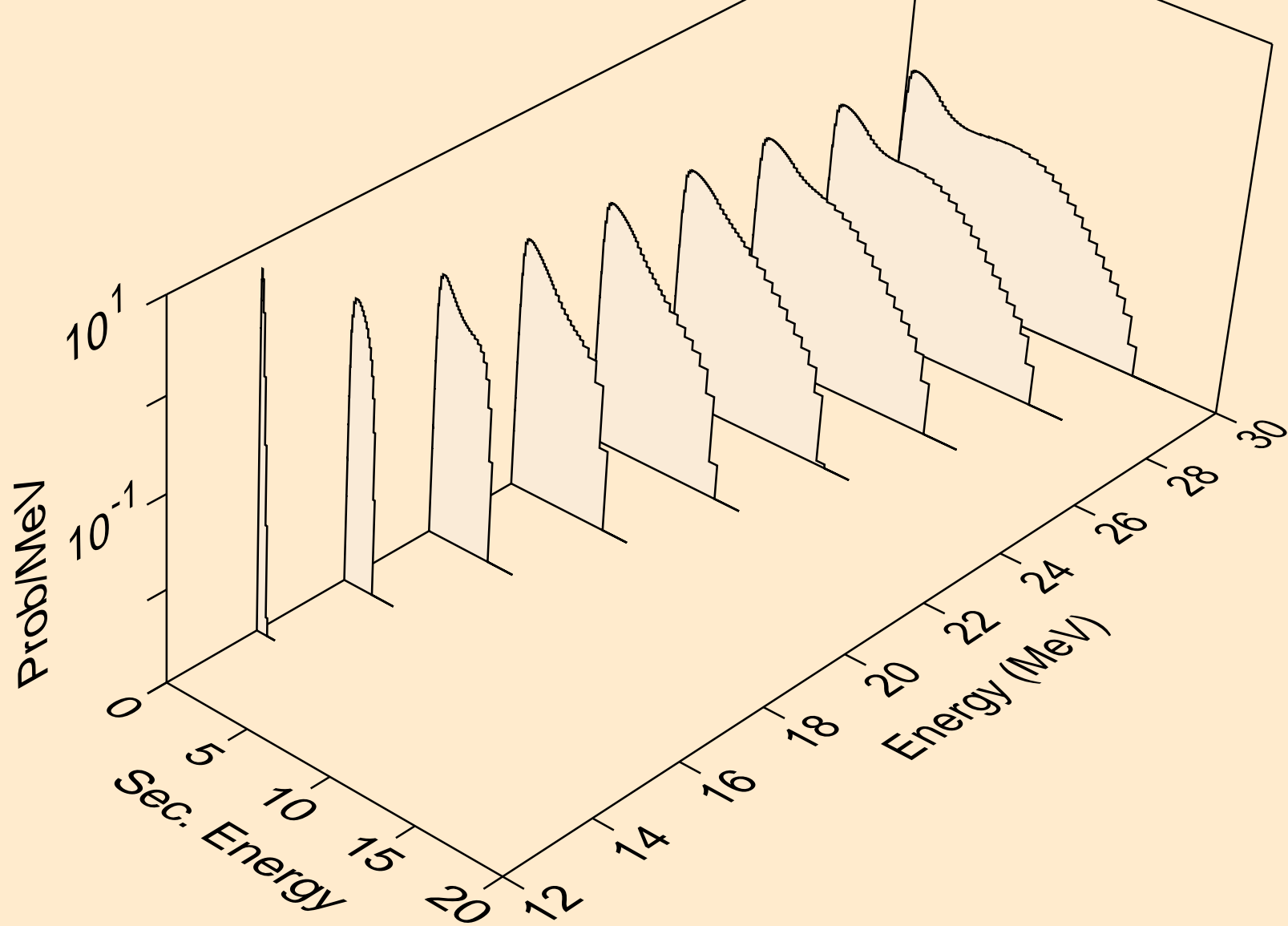
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Neutron emission for (n,n\*)t



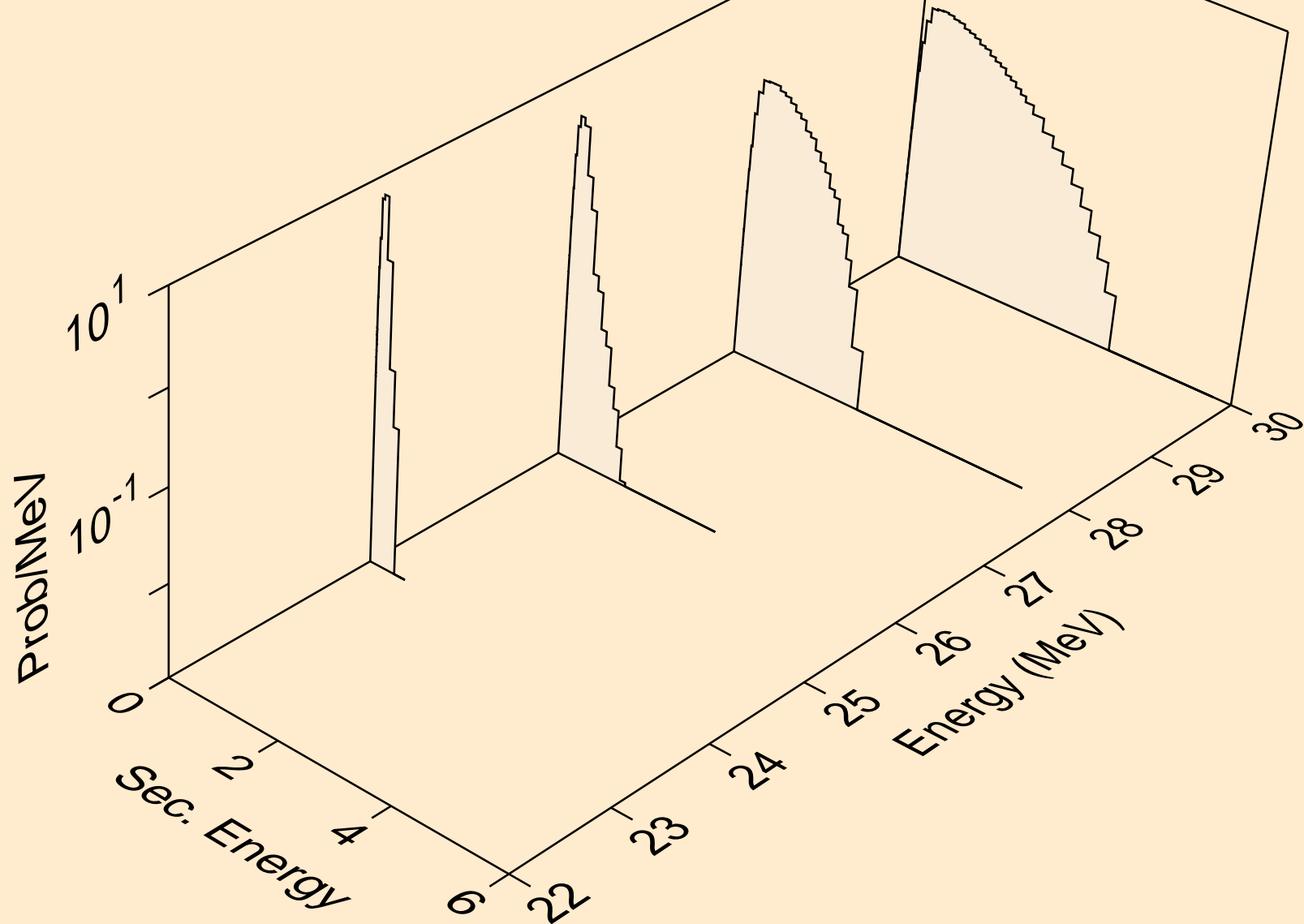
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



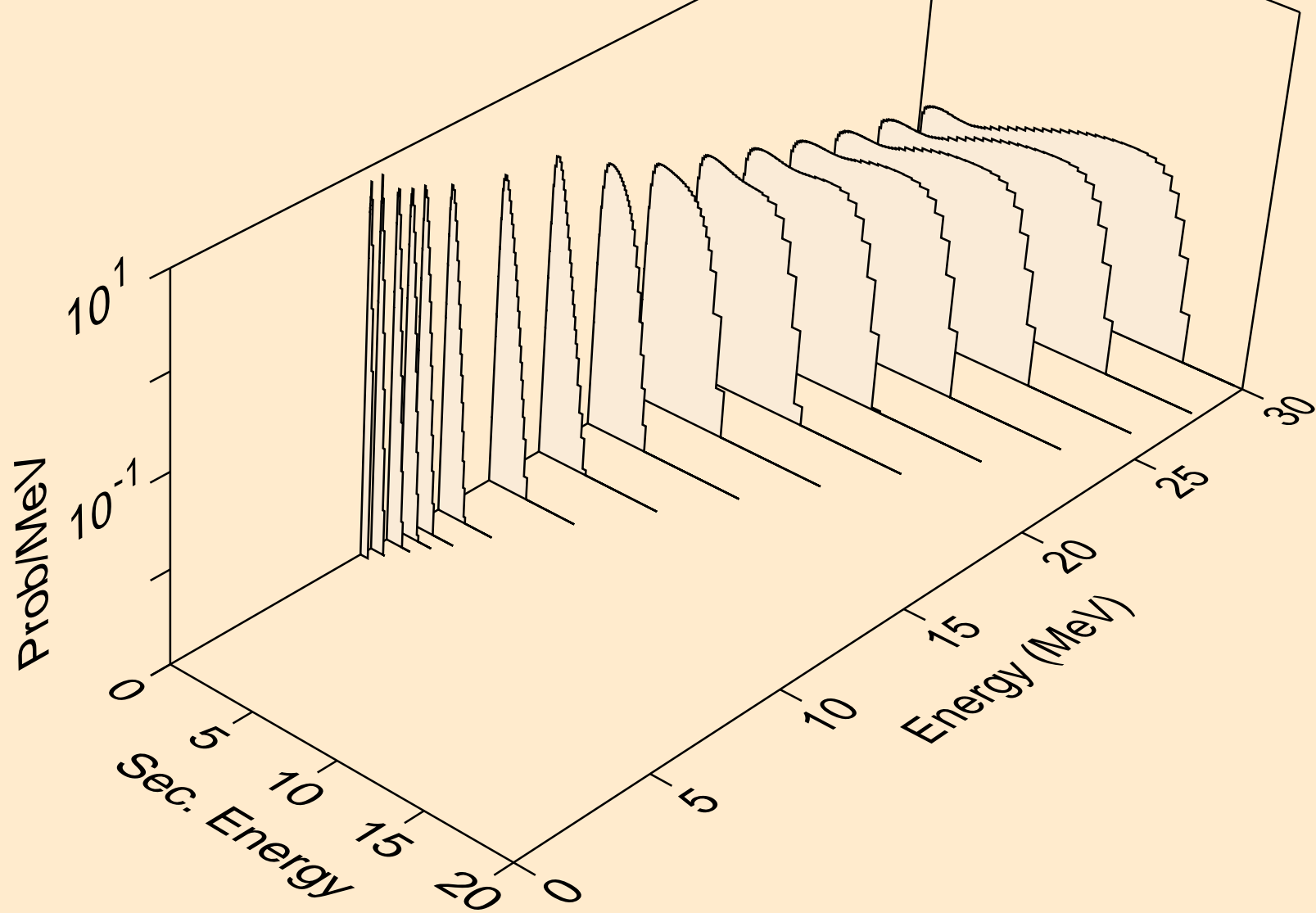
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Neutron emission for (n,2np)



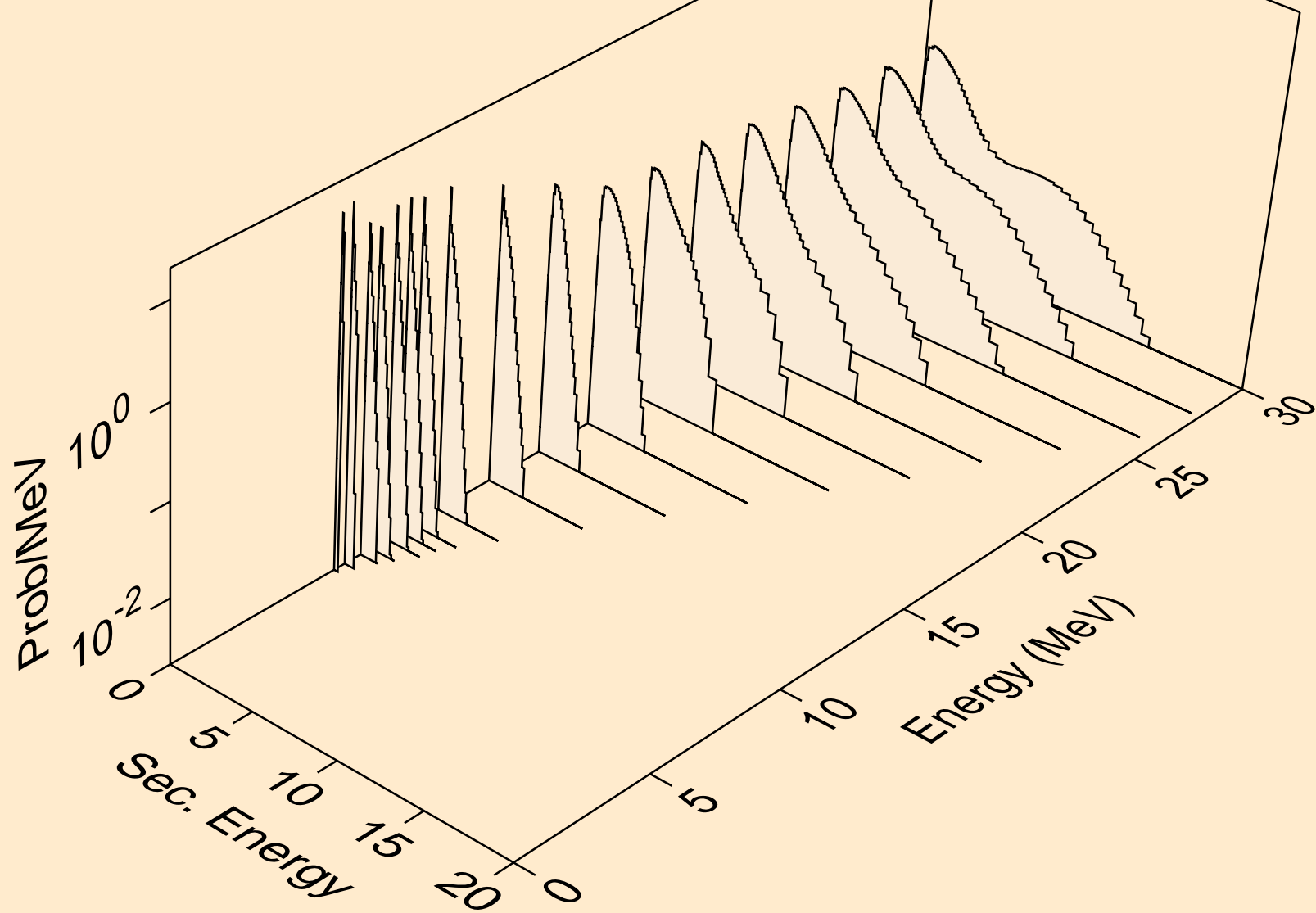
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Neutron emission for (n,3np)



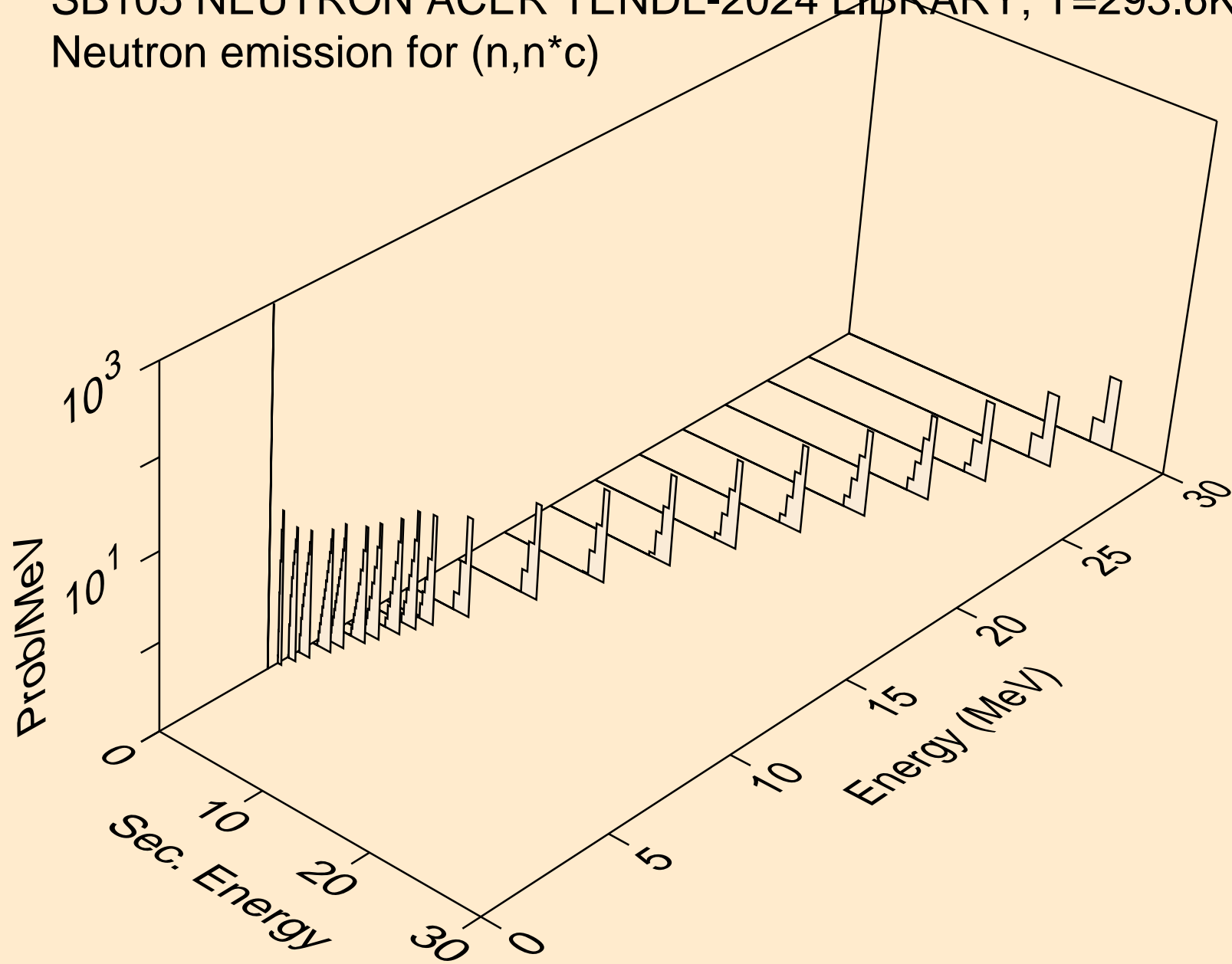
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Neutron emission for (n,n2p)



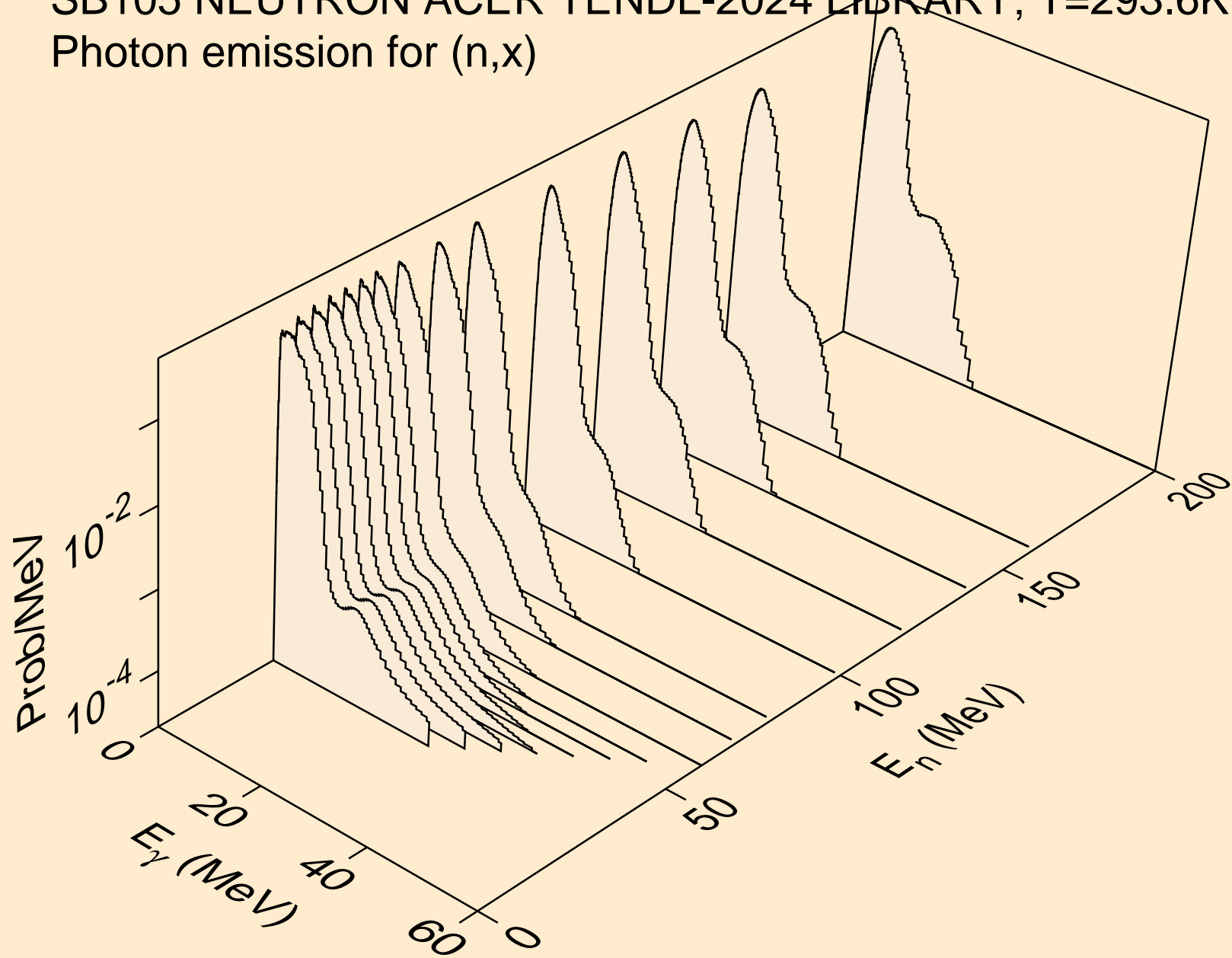
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Neutron emission for (n,npa)



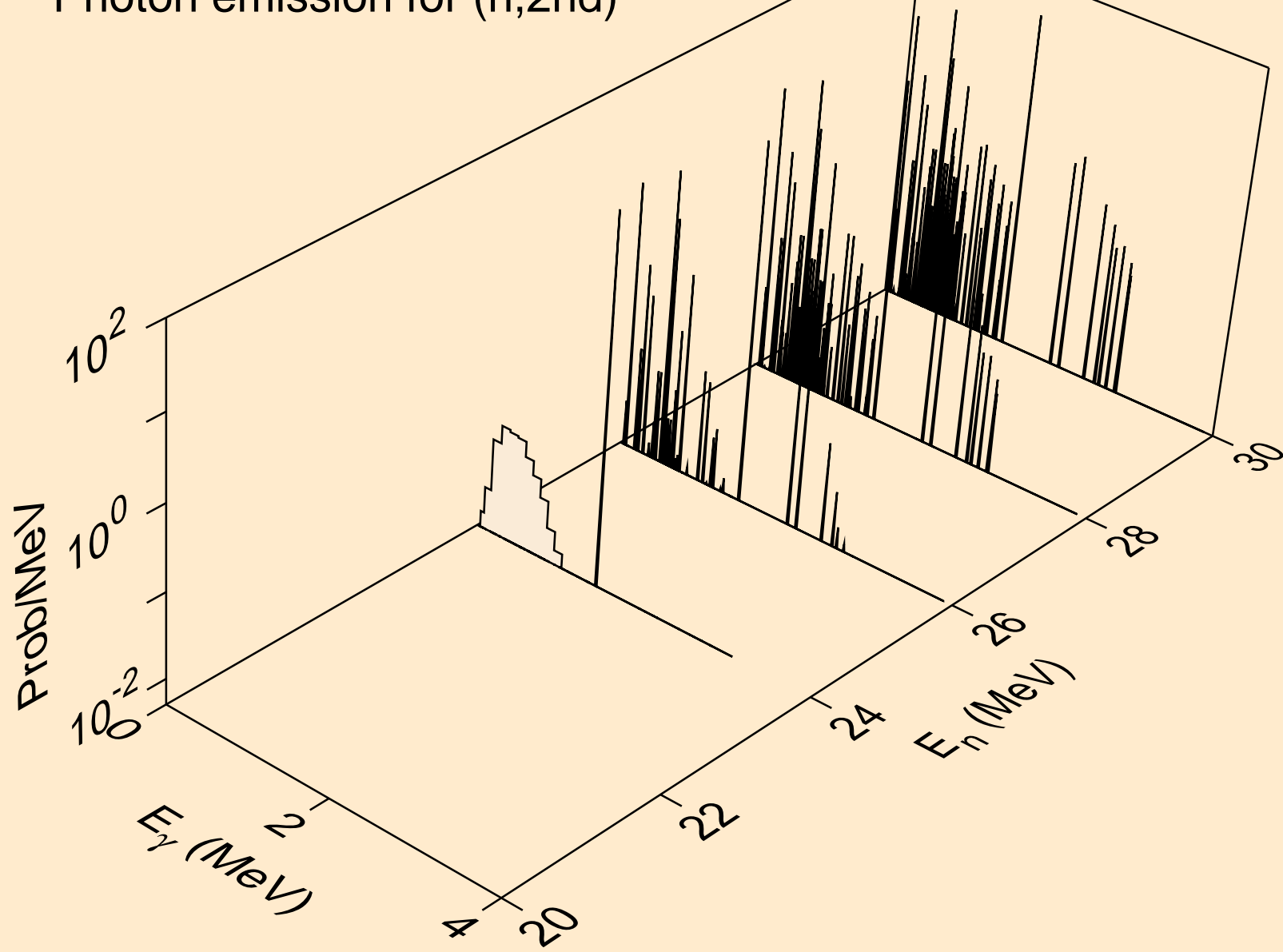
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Neutron emission for (n,n\*c)



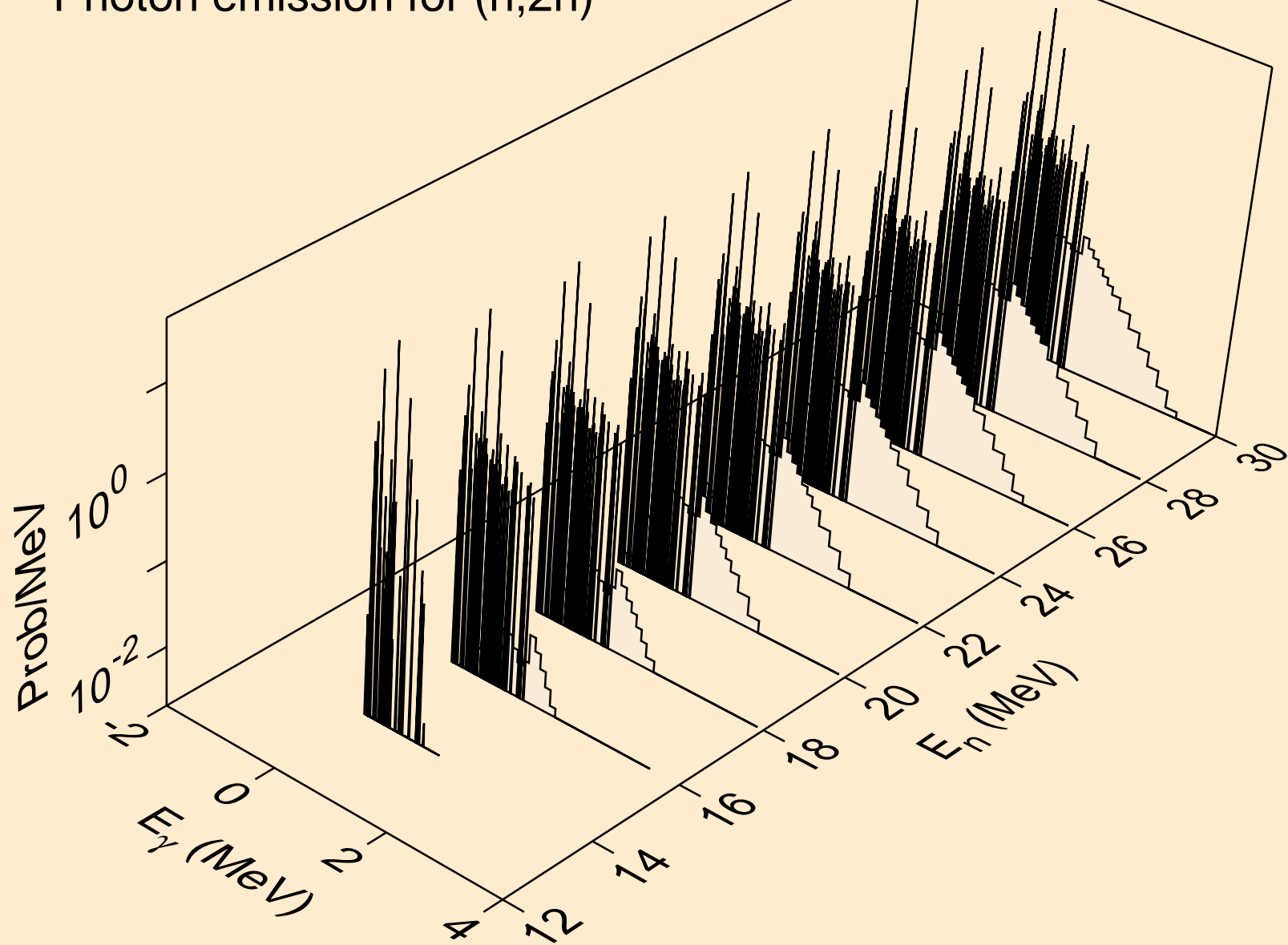
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Photon emission for (n,x)



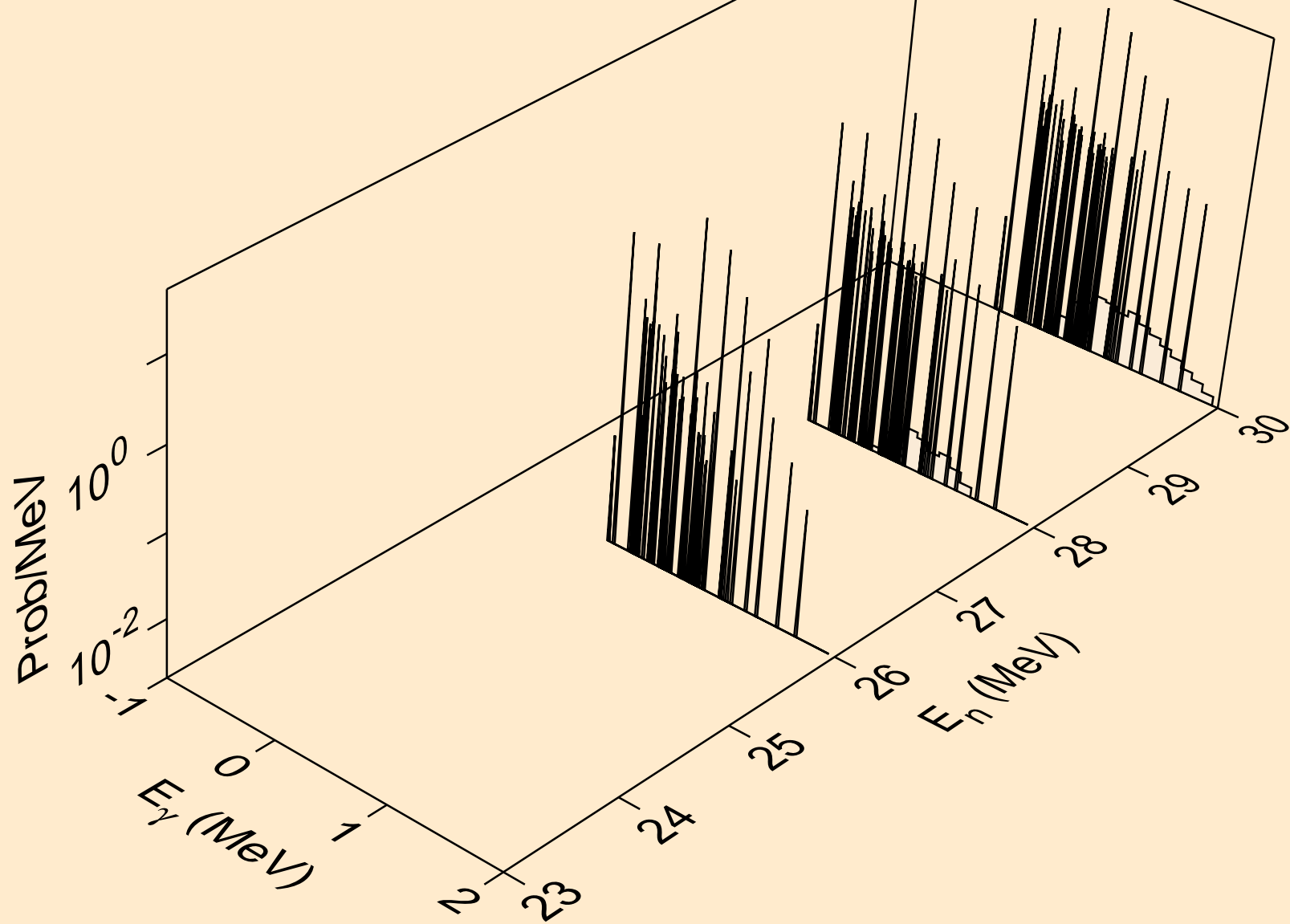
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Photon emission for (n,2nd)



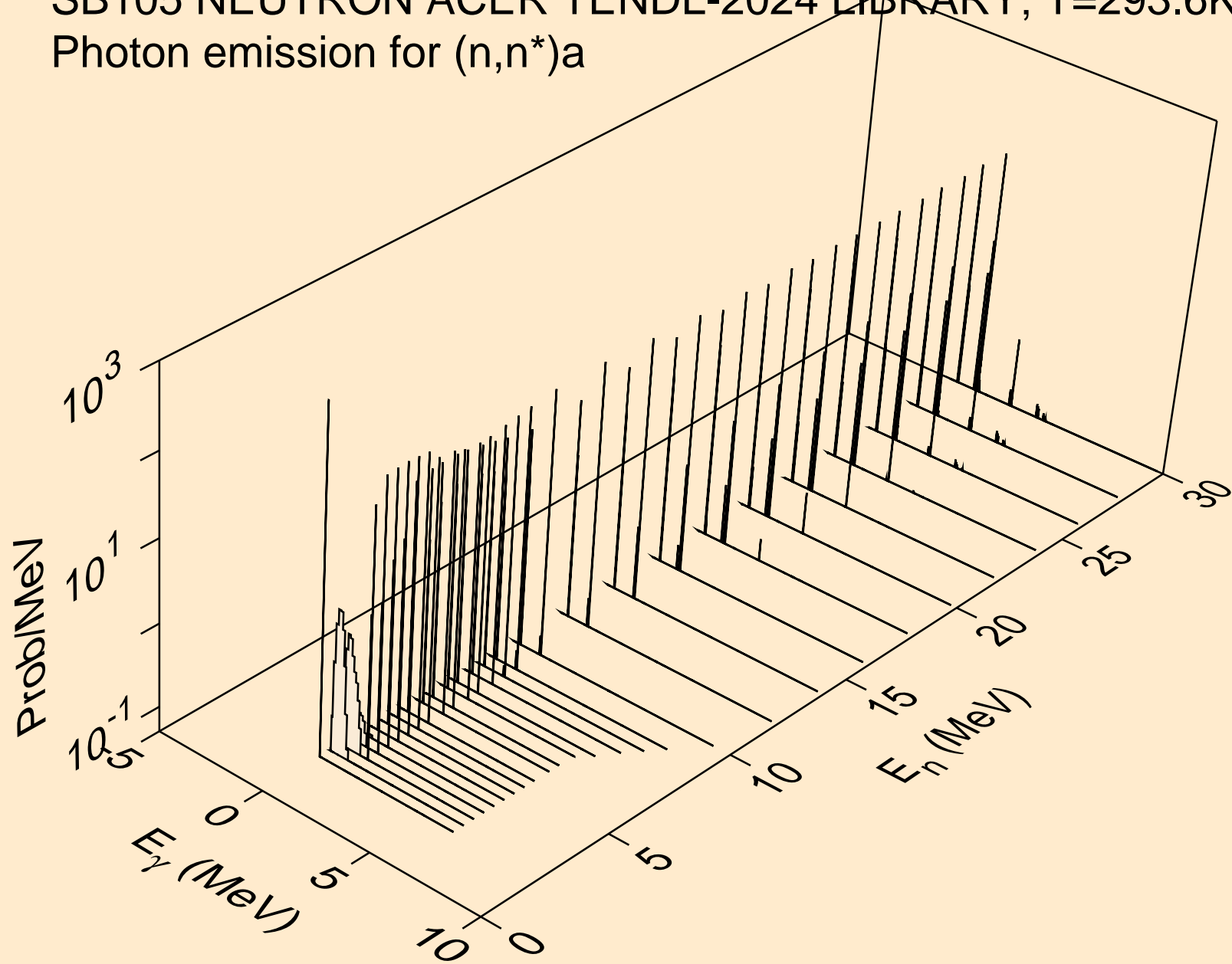
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Photon emission for (n,2n)



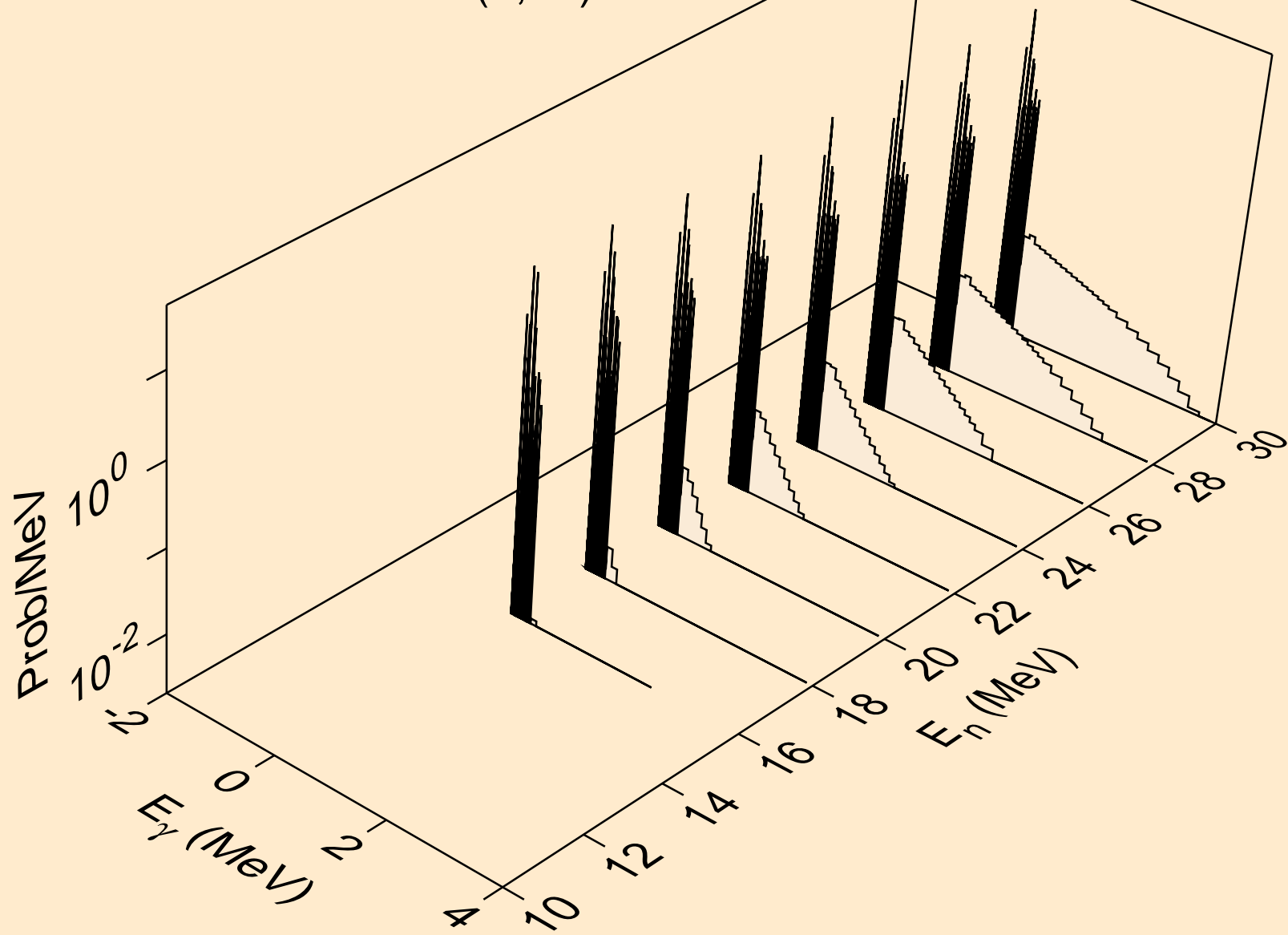
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Photon emission for (n,3n)



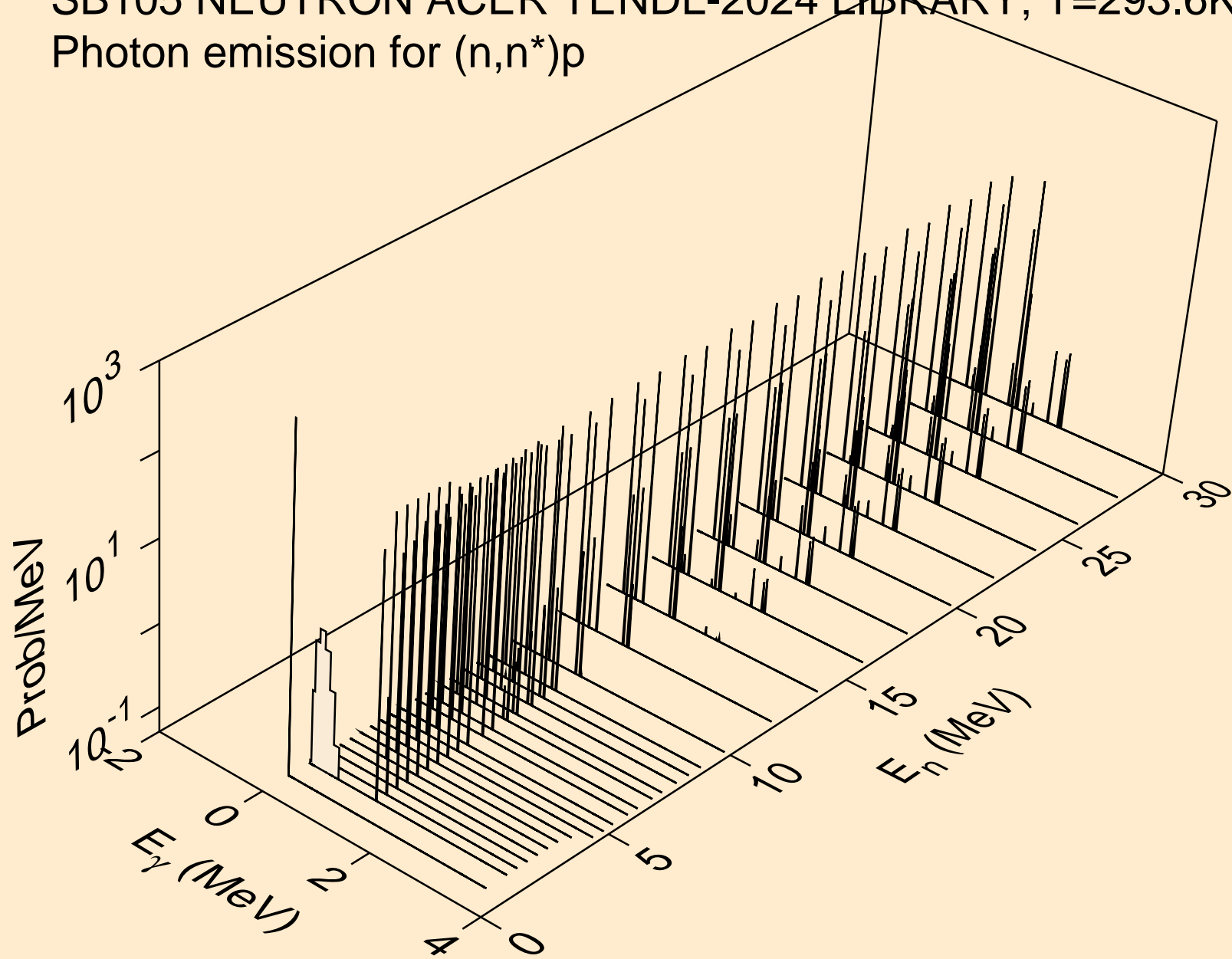
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Photon emission for (n,n\*)a



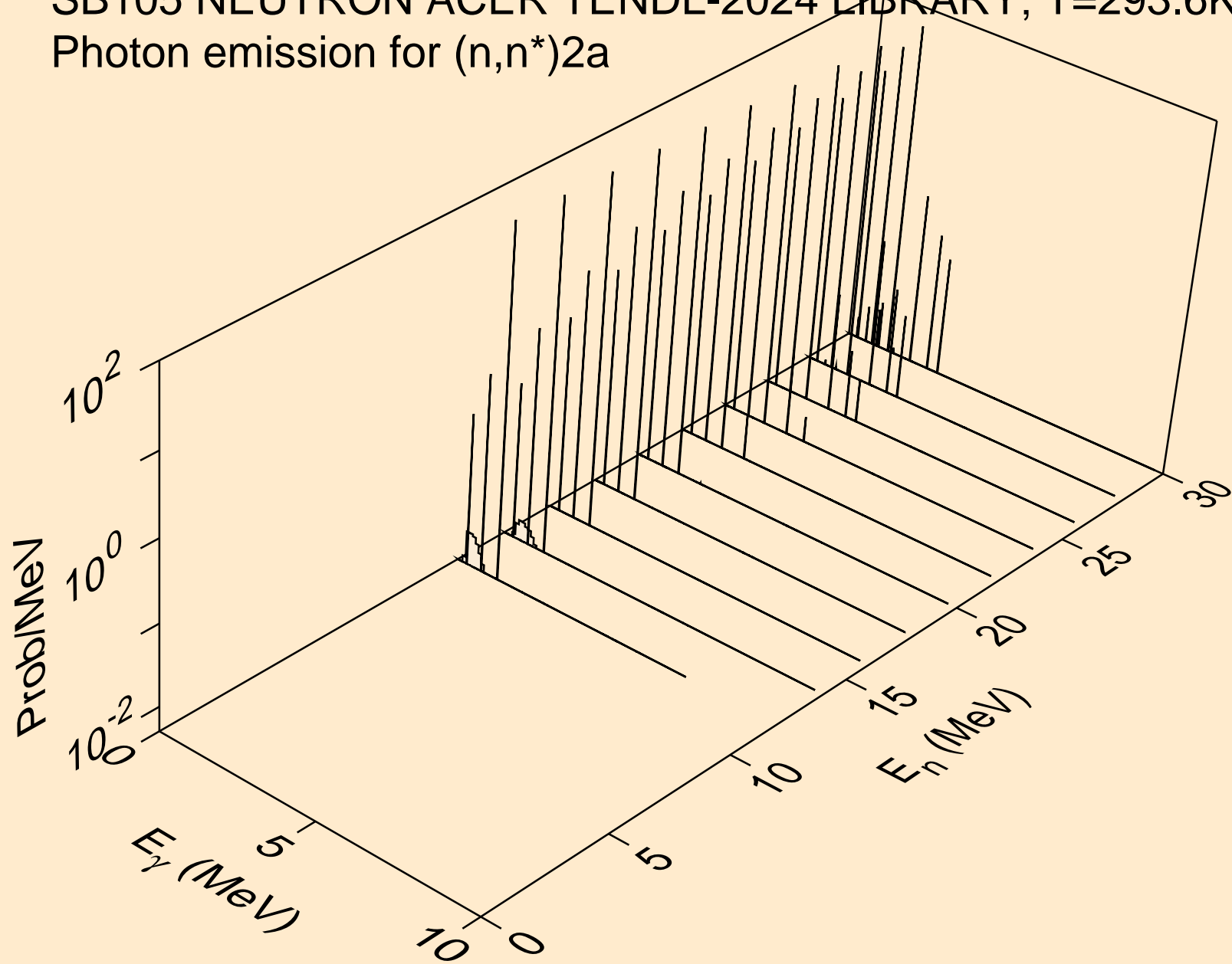
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Photon emission for (n,2n)a



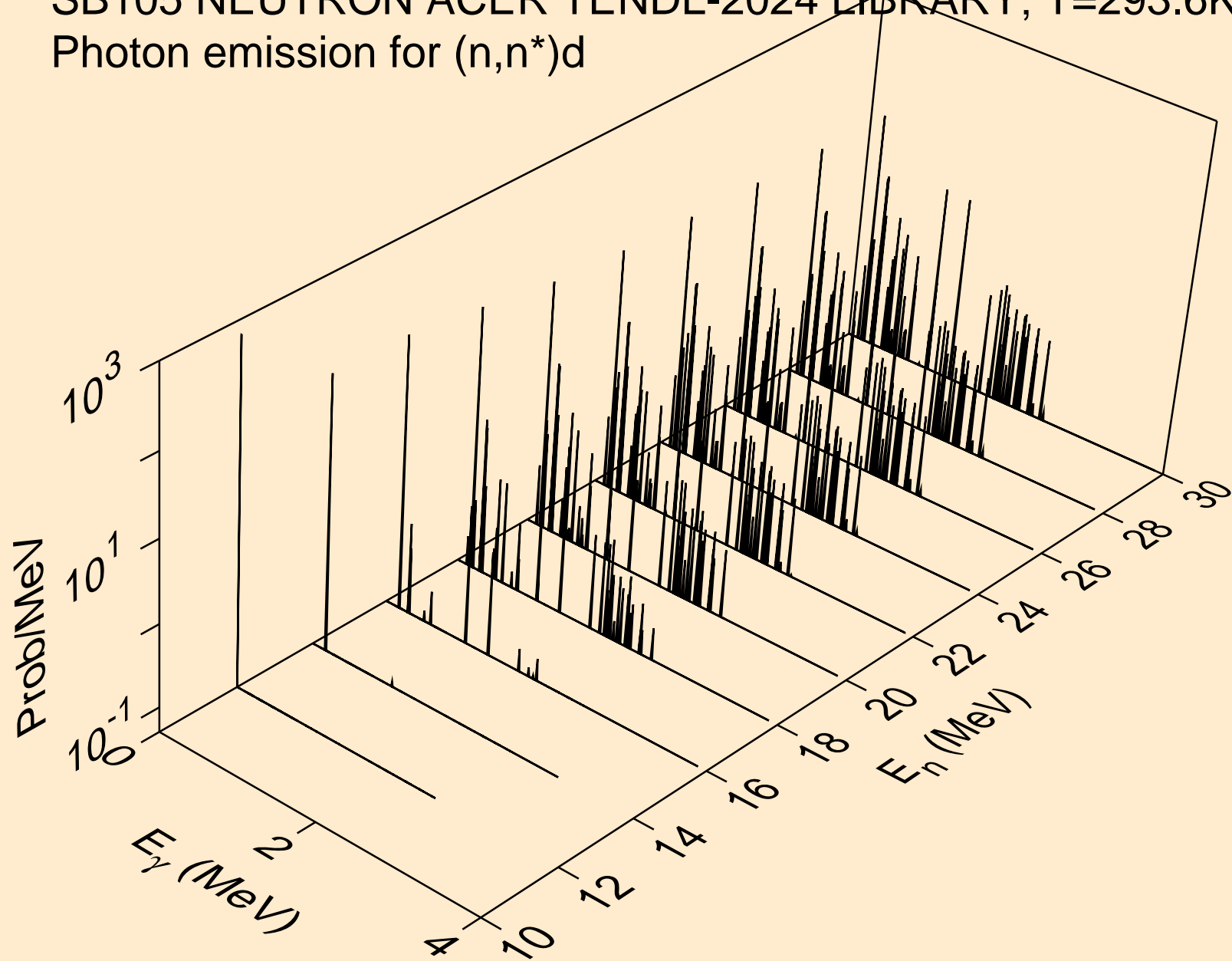
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Photon emission for (n,n\*)p



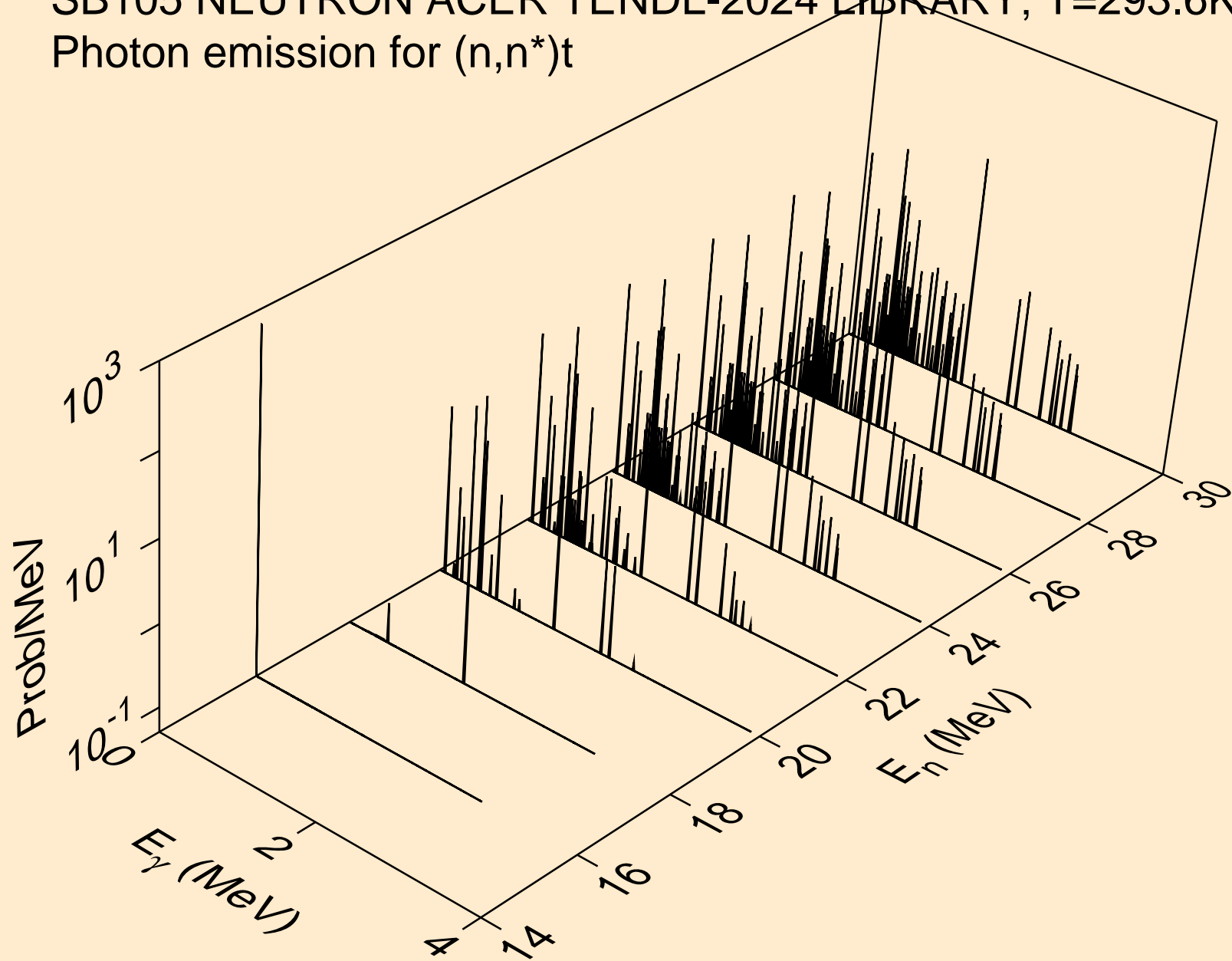
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



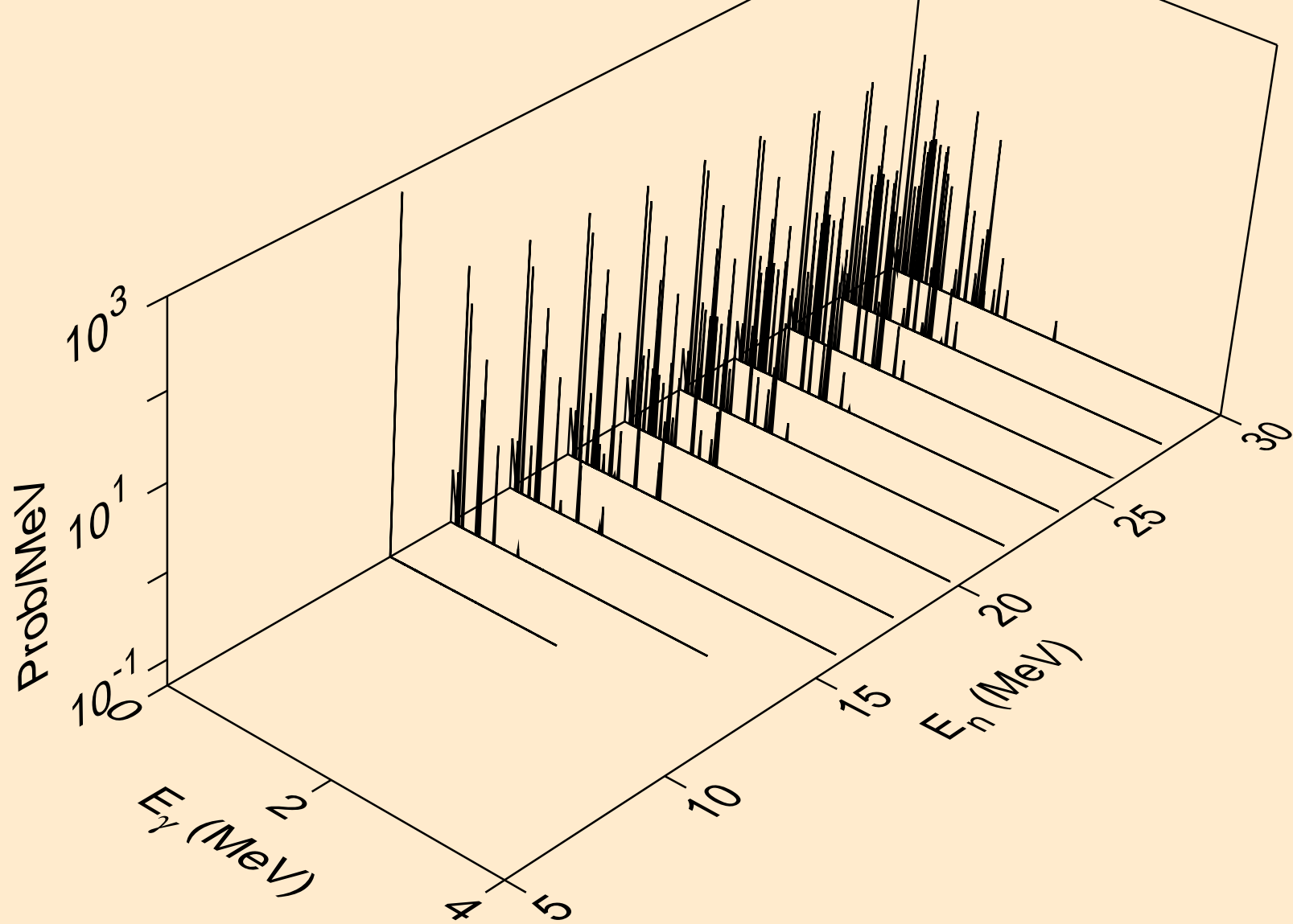
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Photon emission for (n,n\*)d



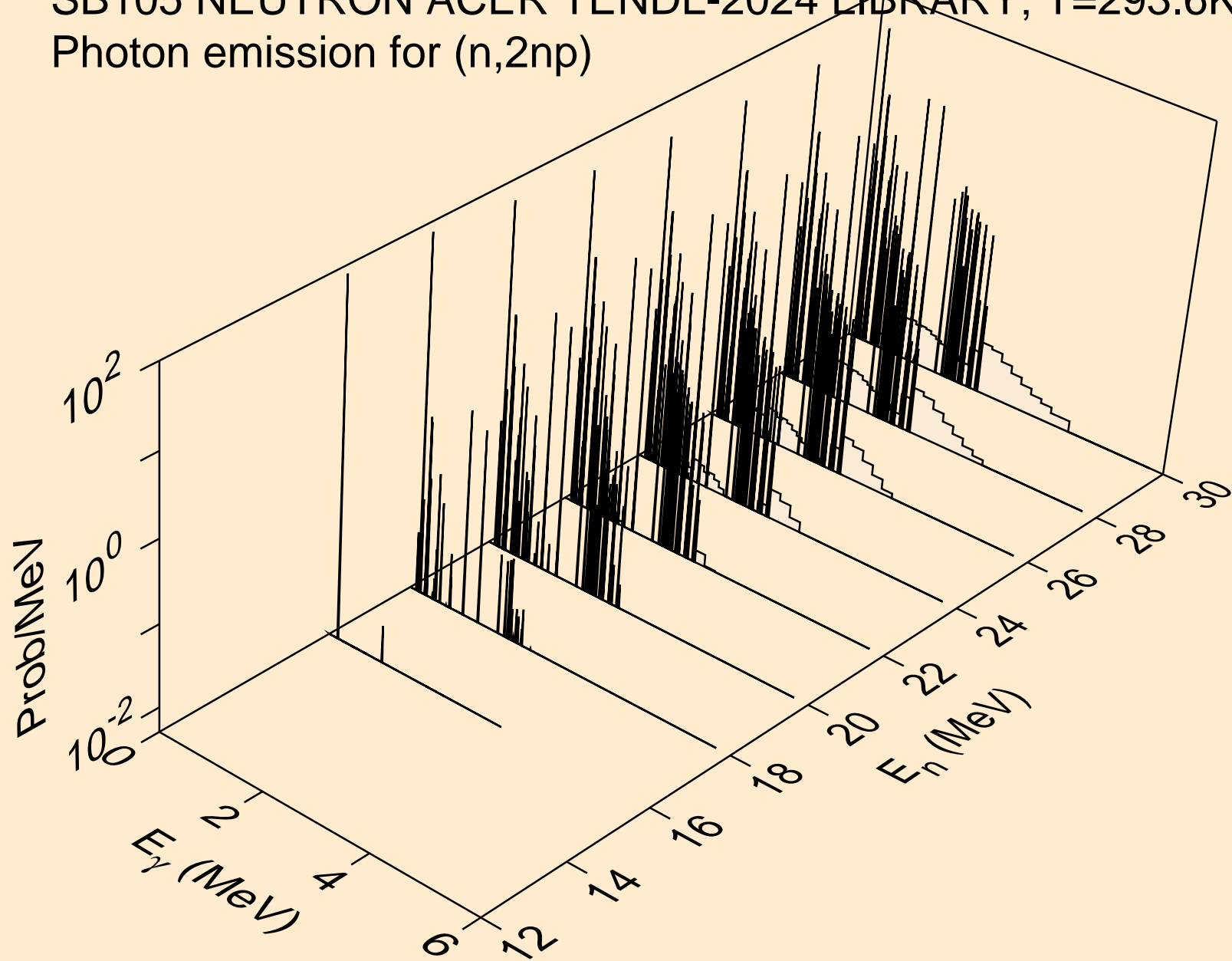
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Photon emission for (n,n\*)t



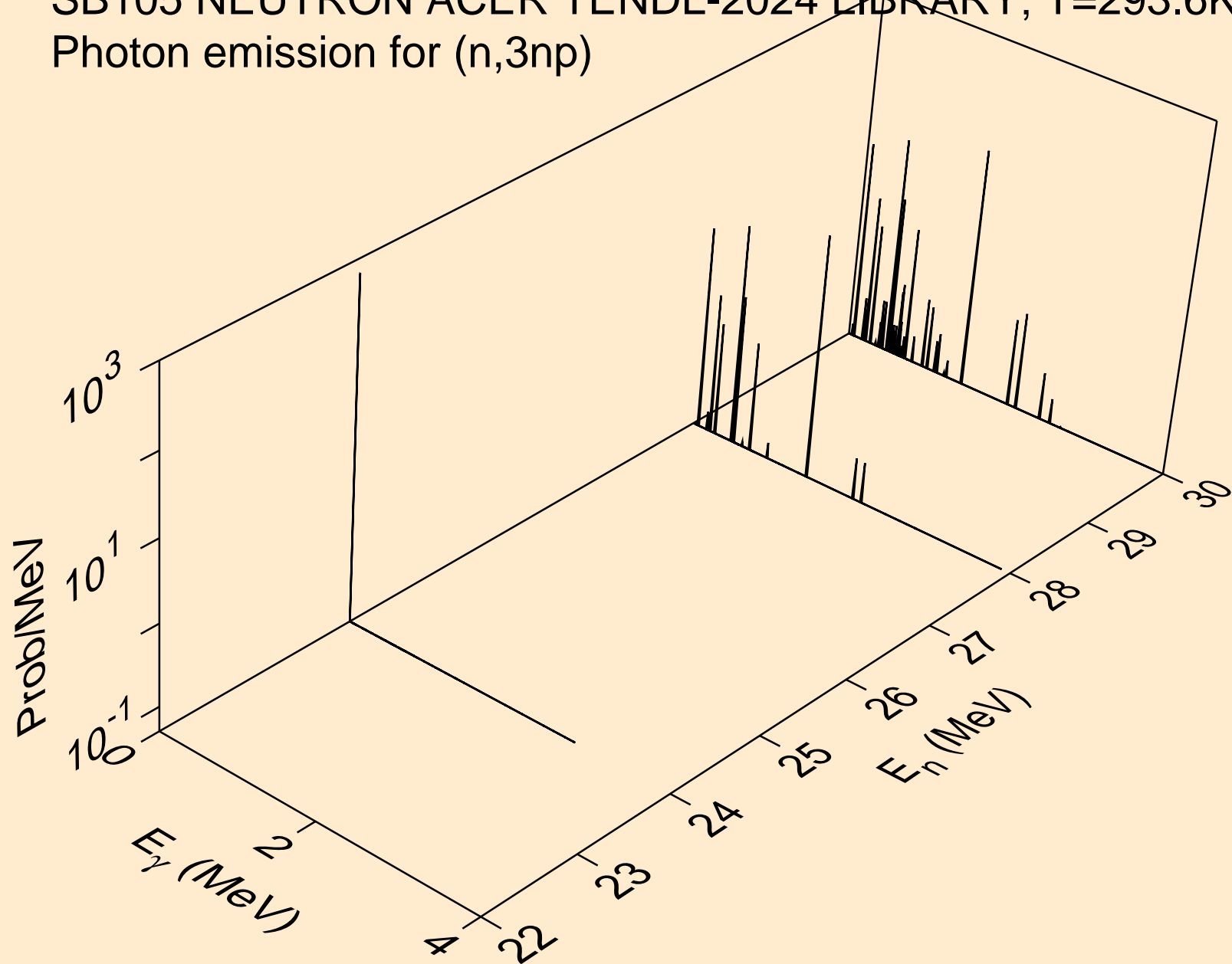
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



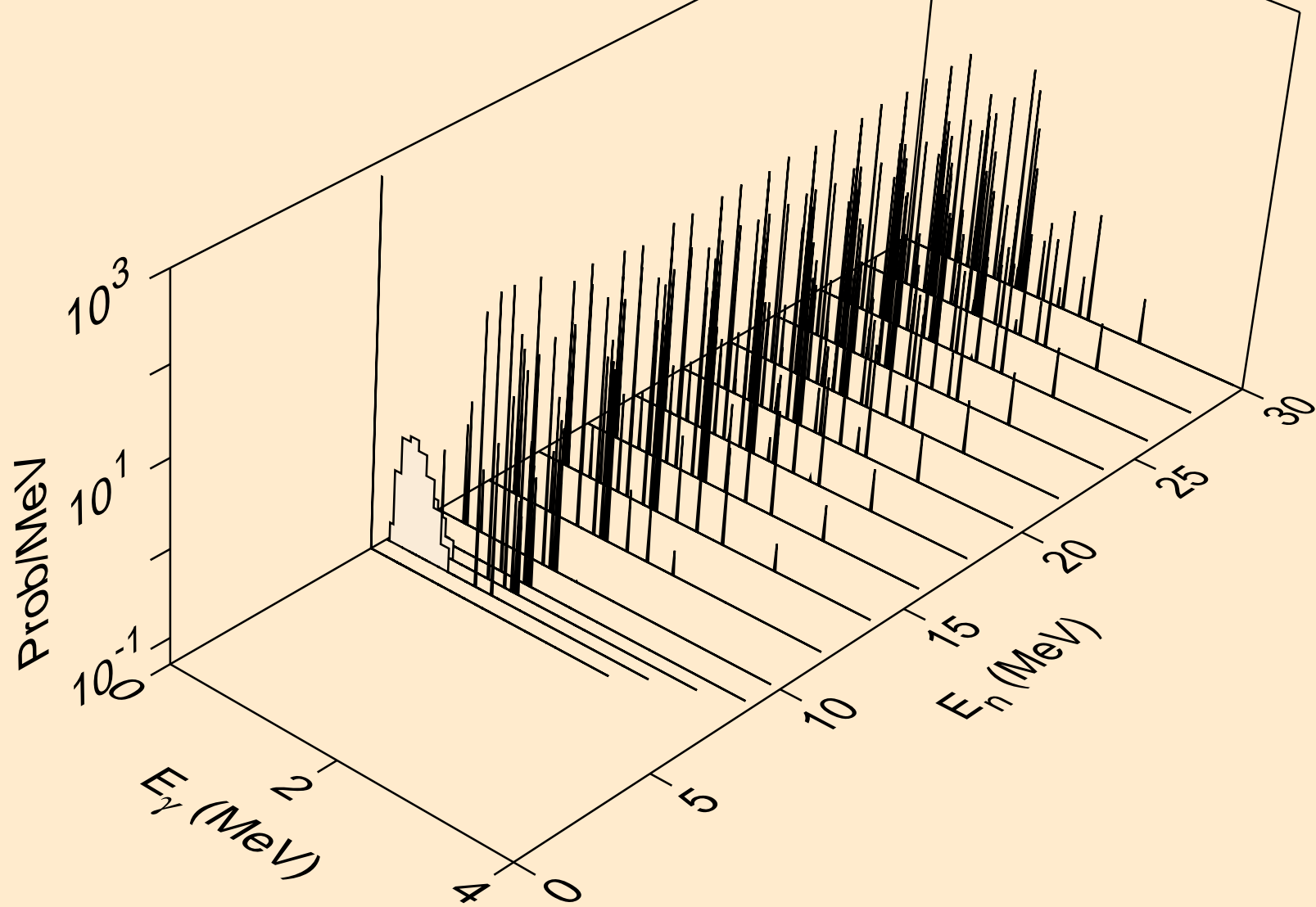
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Photon emission for (n,2np)



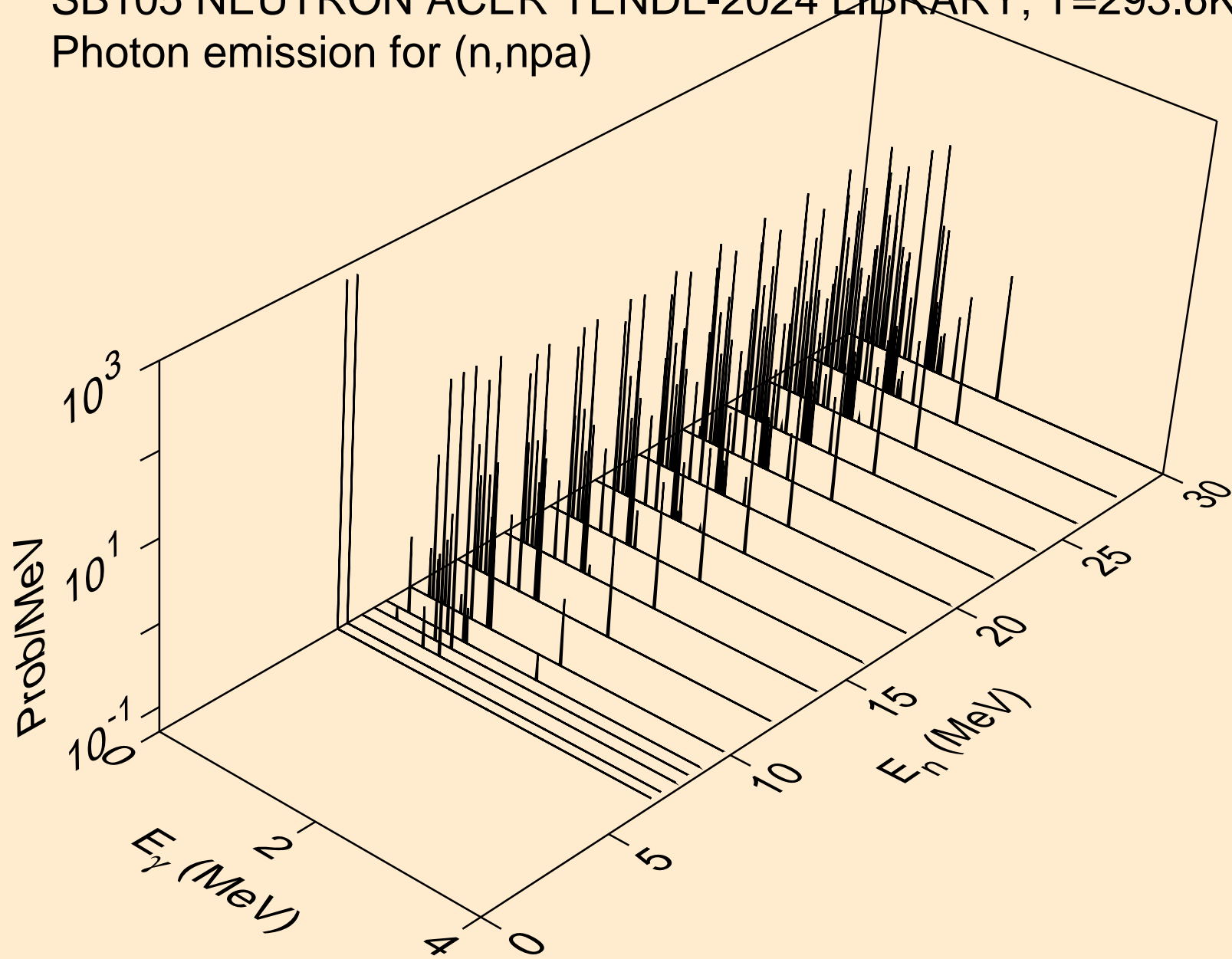
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Photon emission for (n,3np)



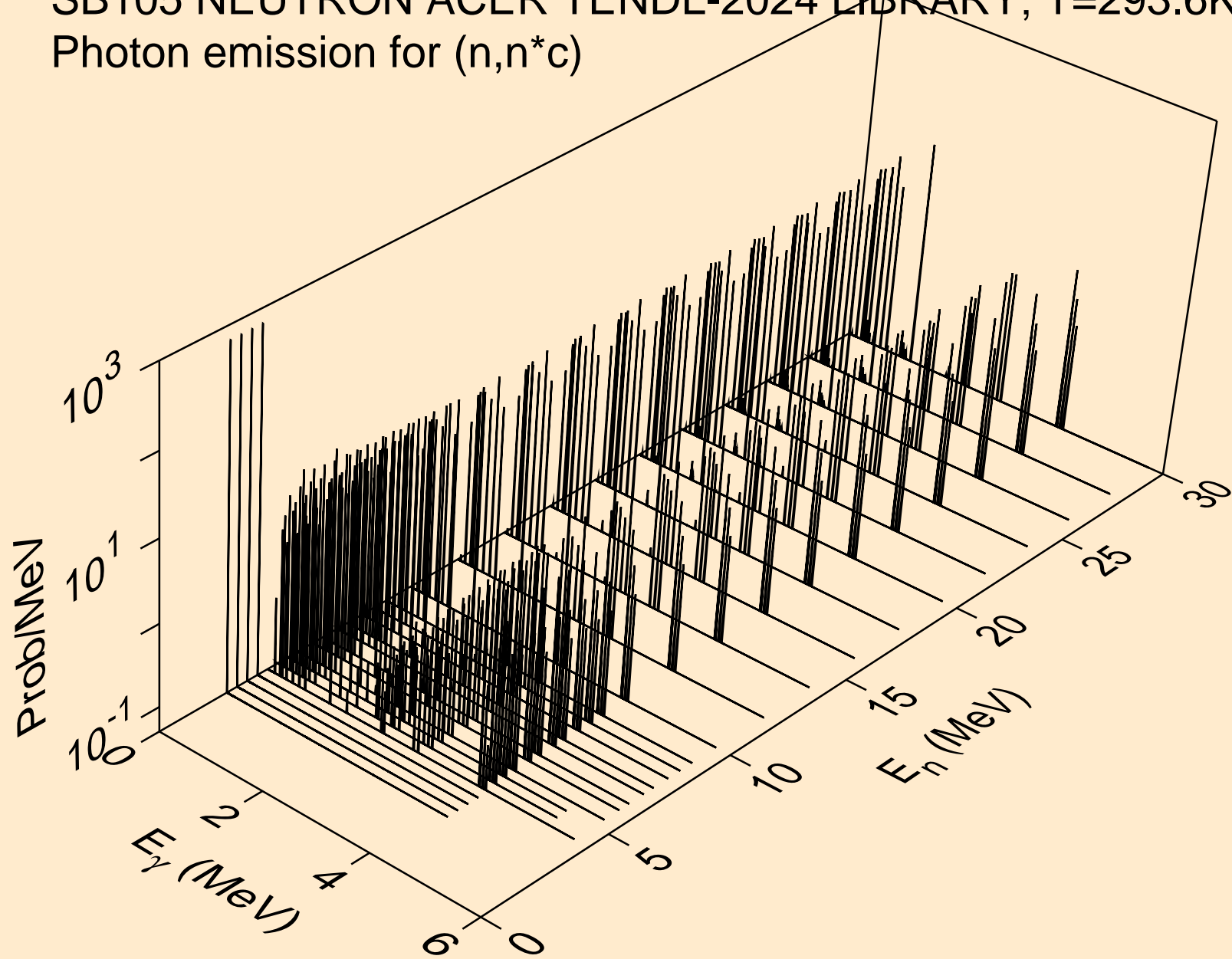
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Photon emission for (n,n2p)



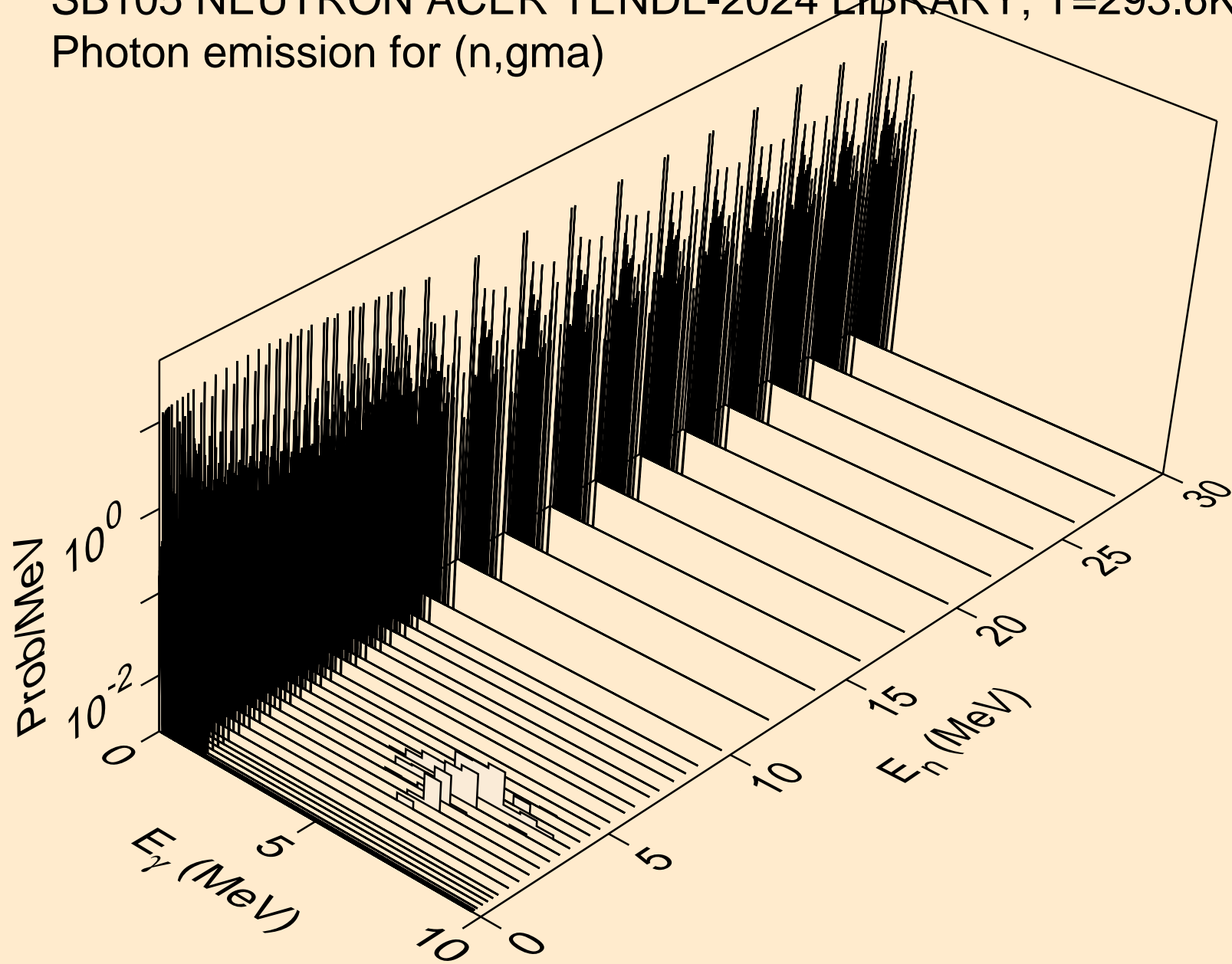
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Photon emission for (n,npa)



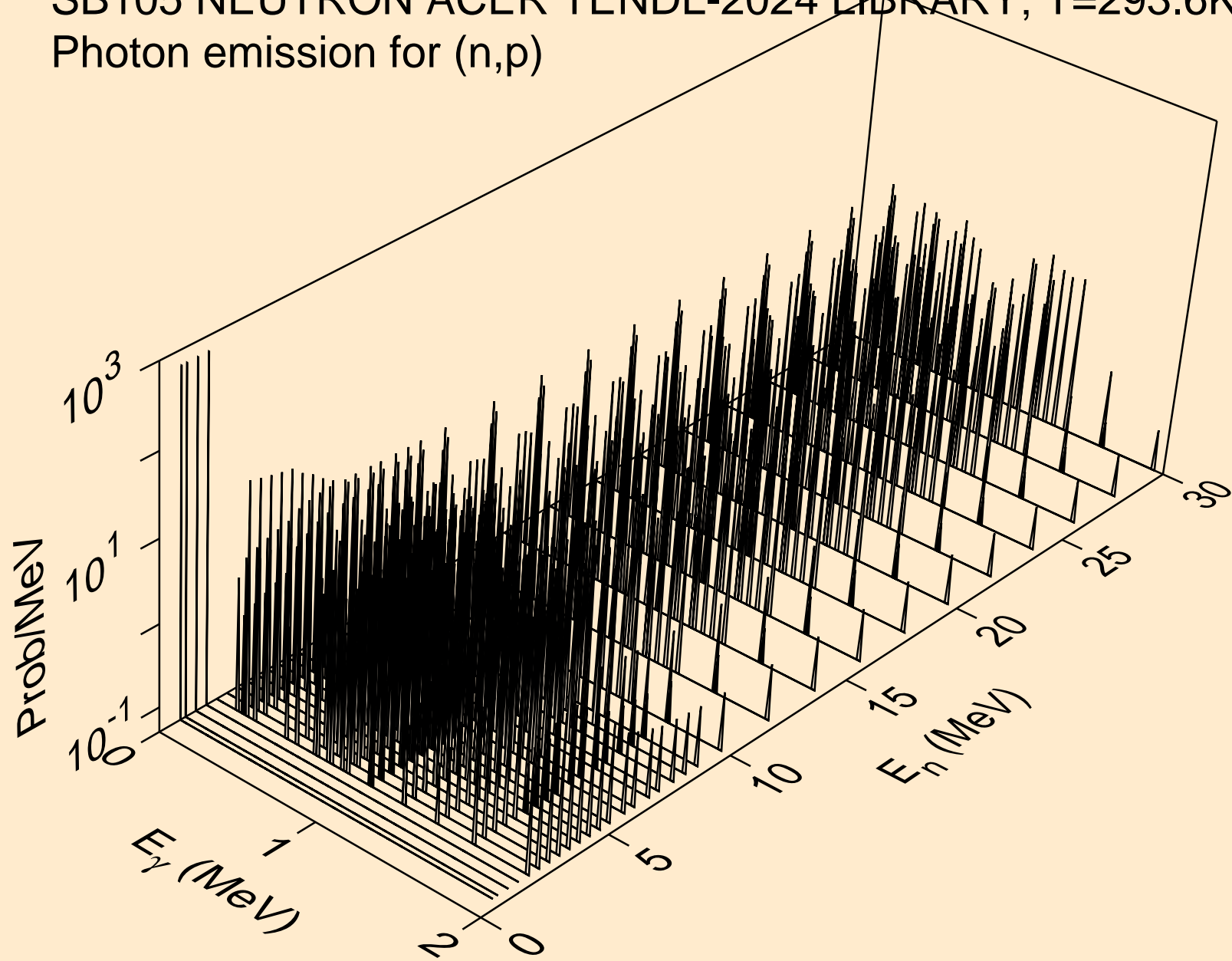
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



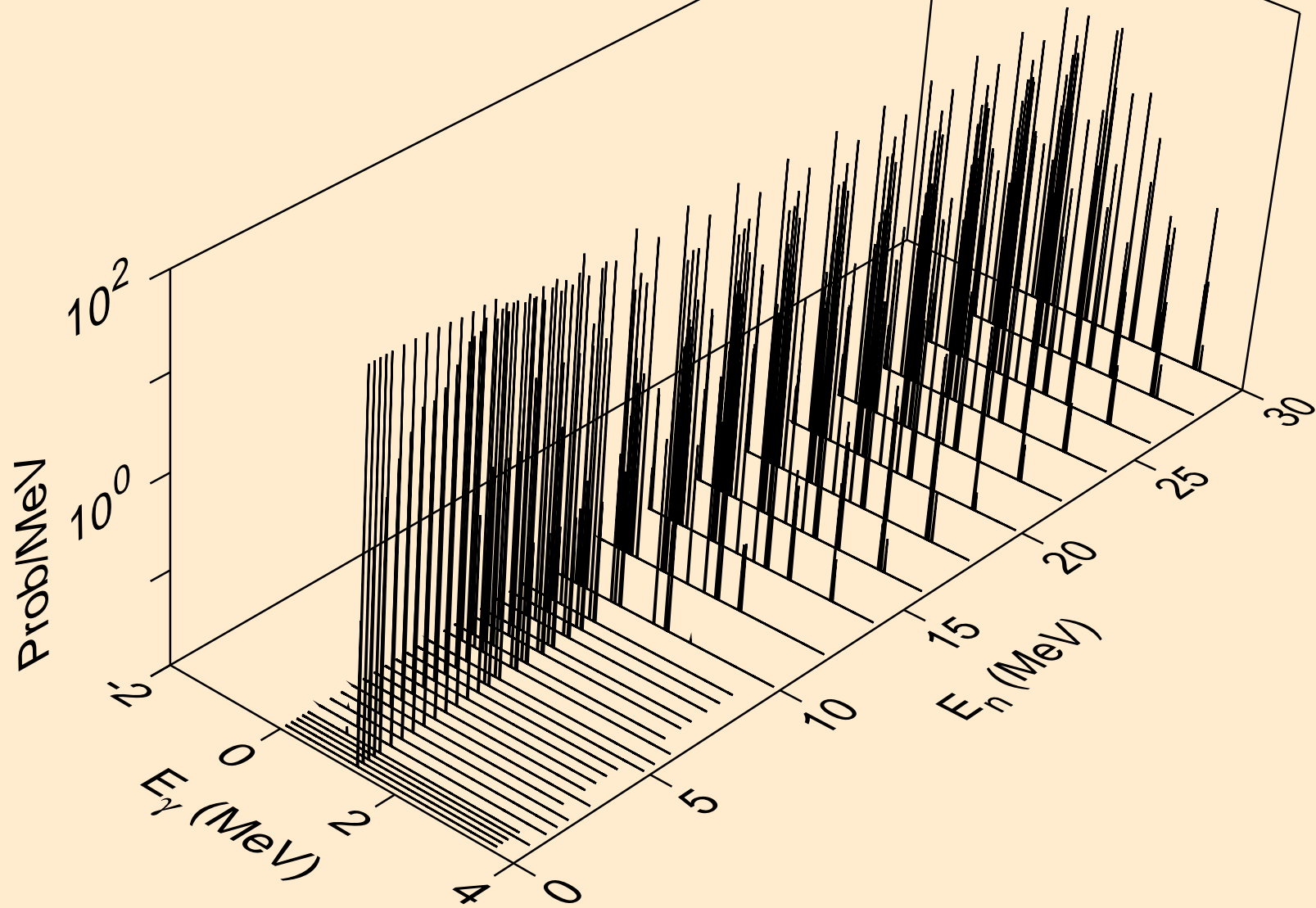
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Photon emission for (n,gma)



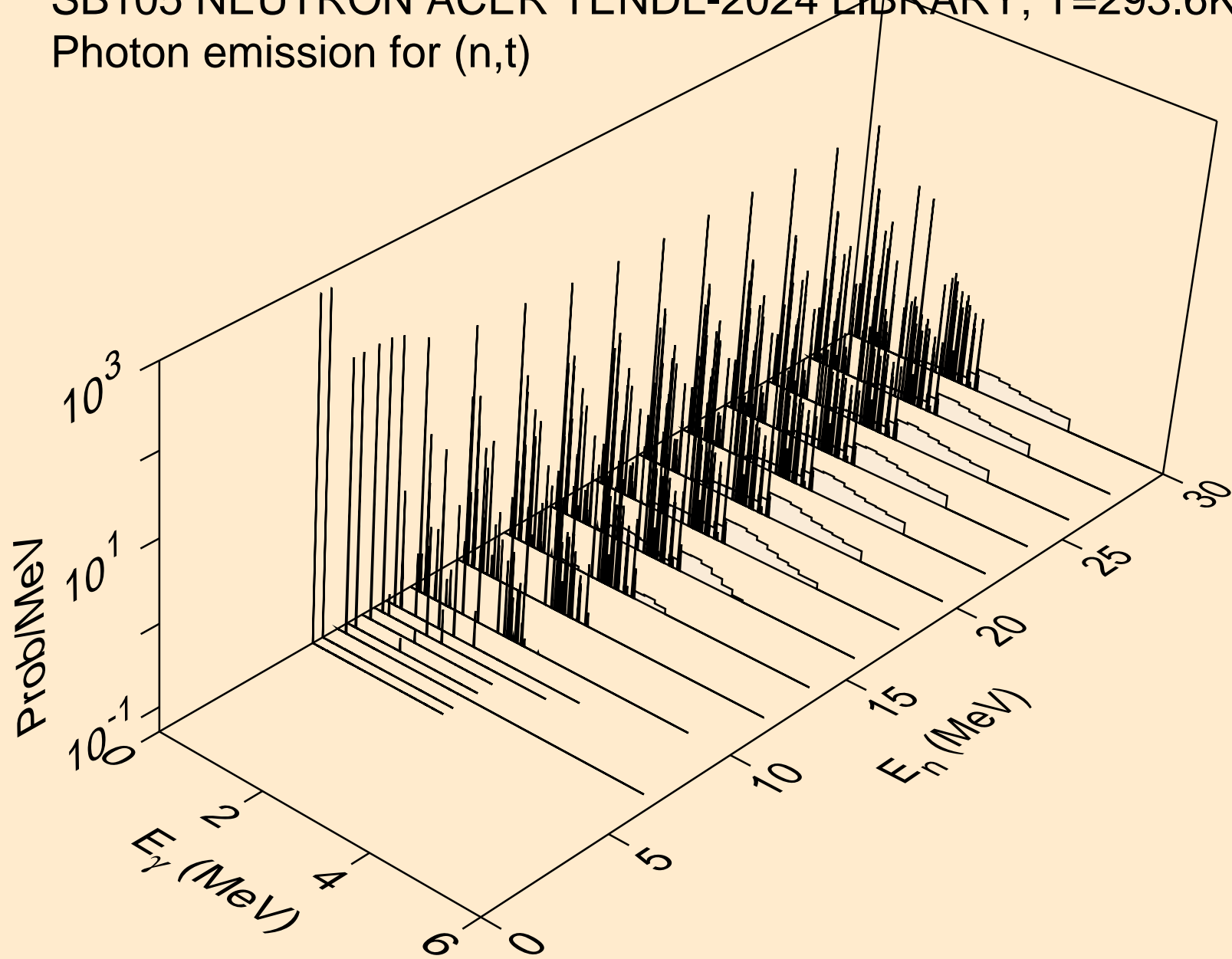
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Photon emission for (n,p)



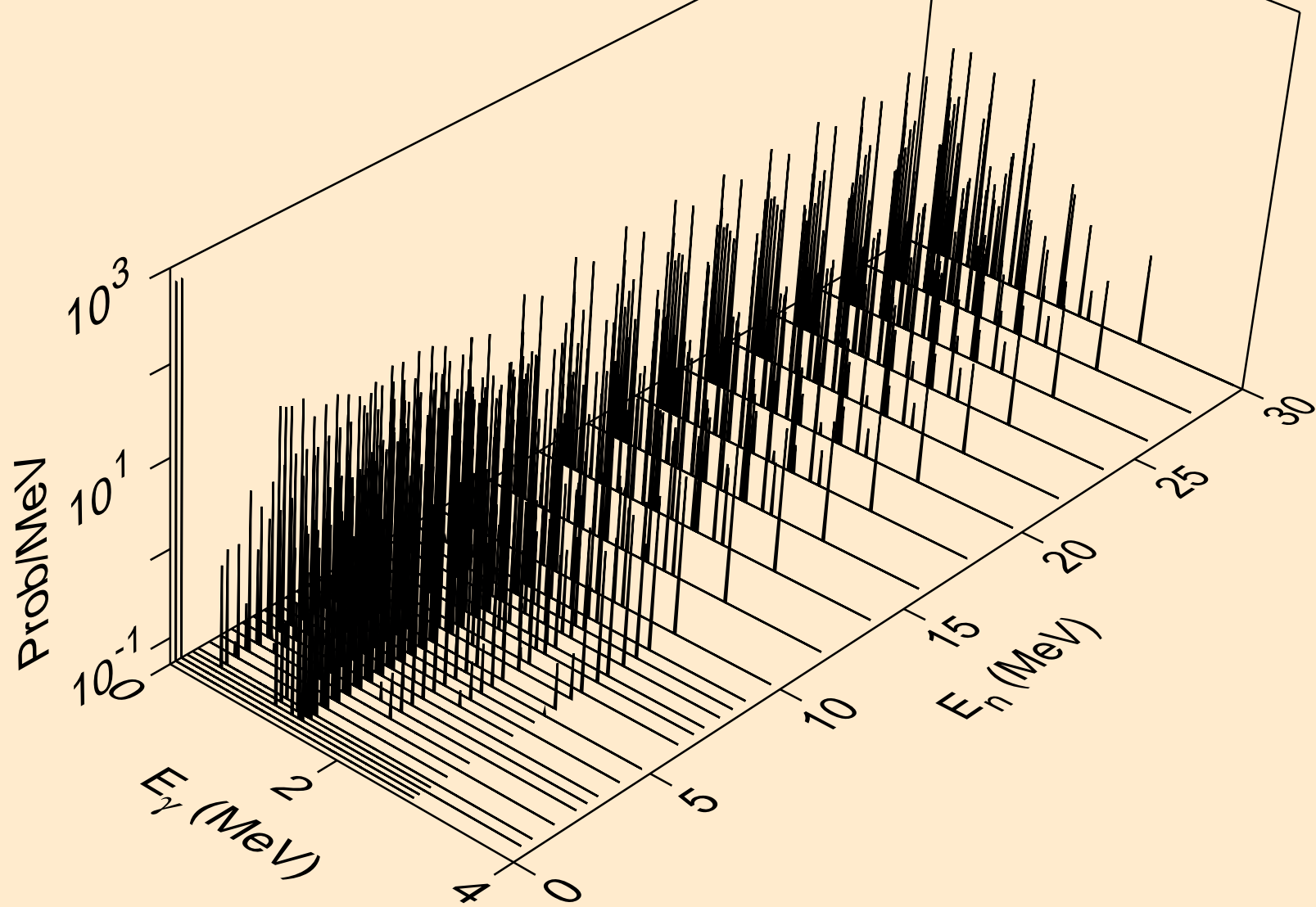
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Photon emission for (n,d)



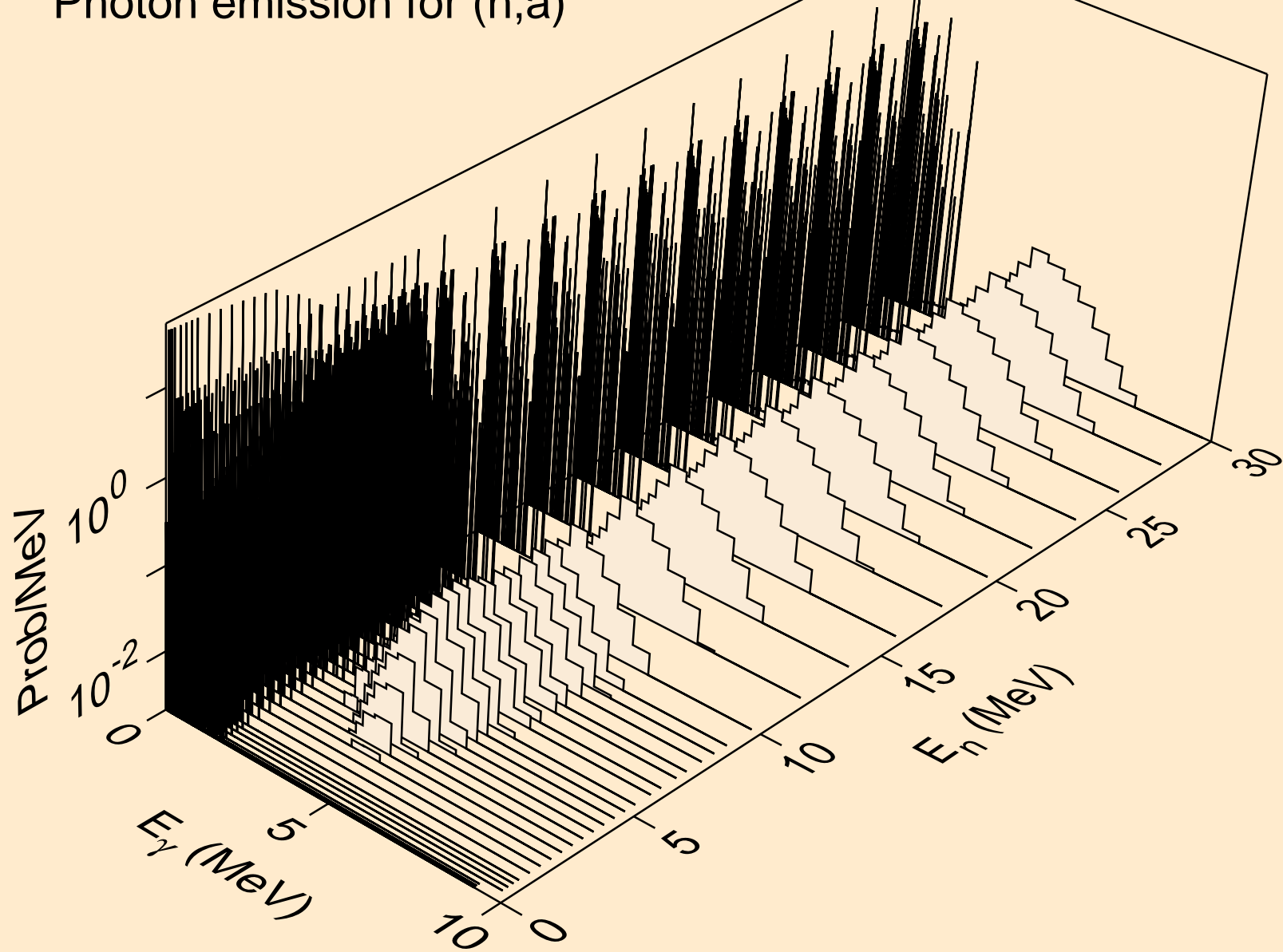
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



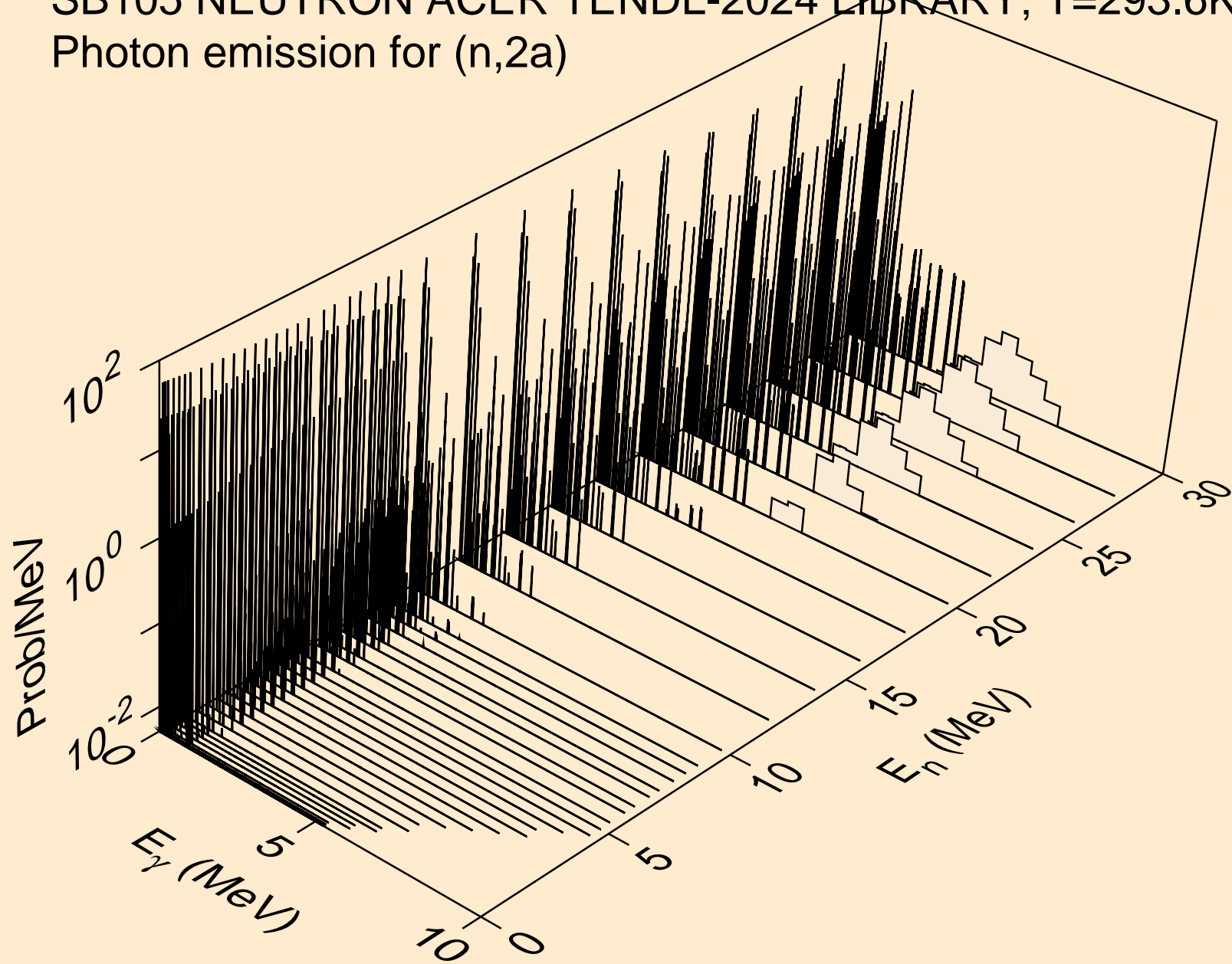
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



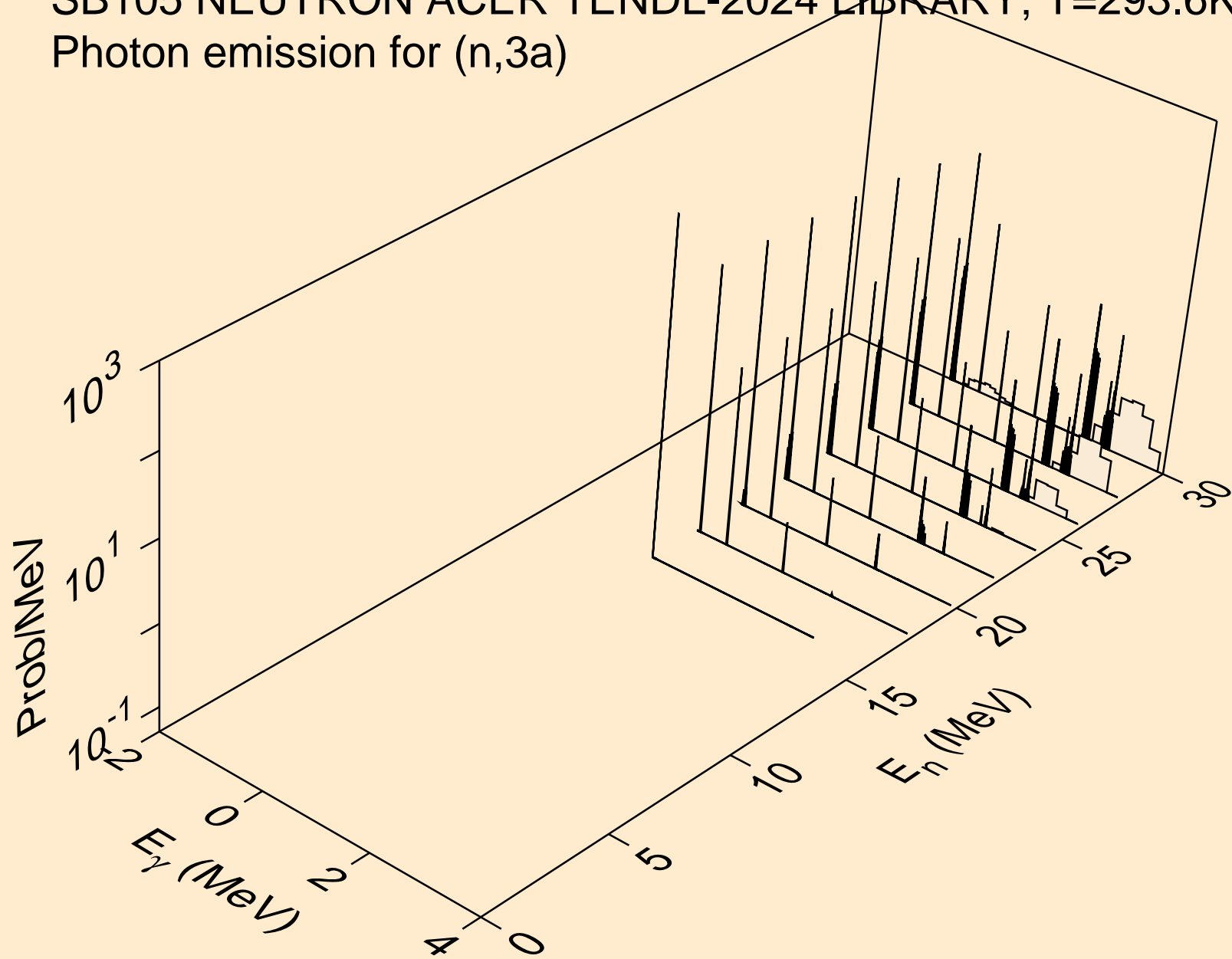
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



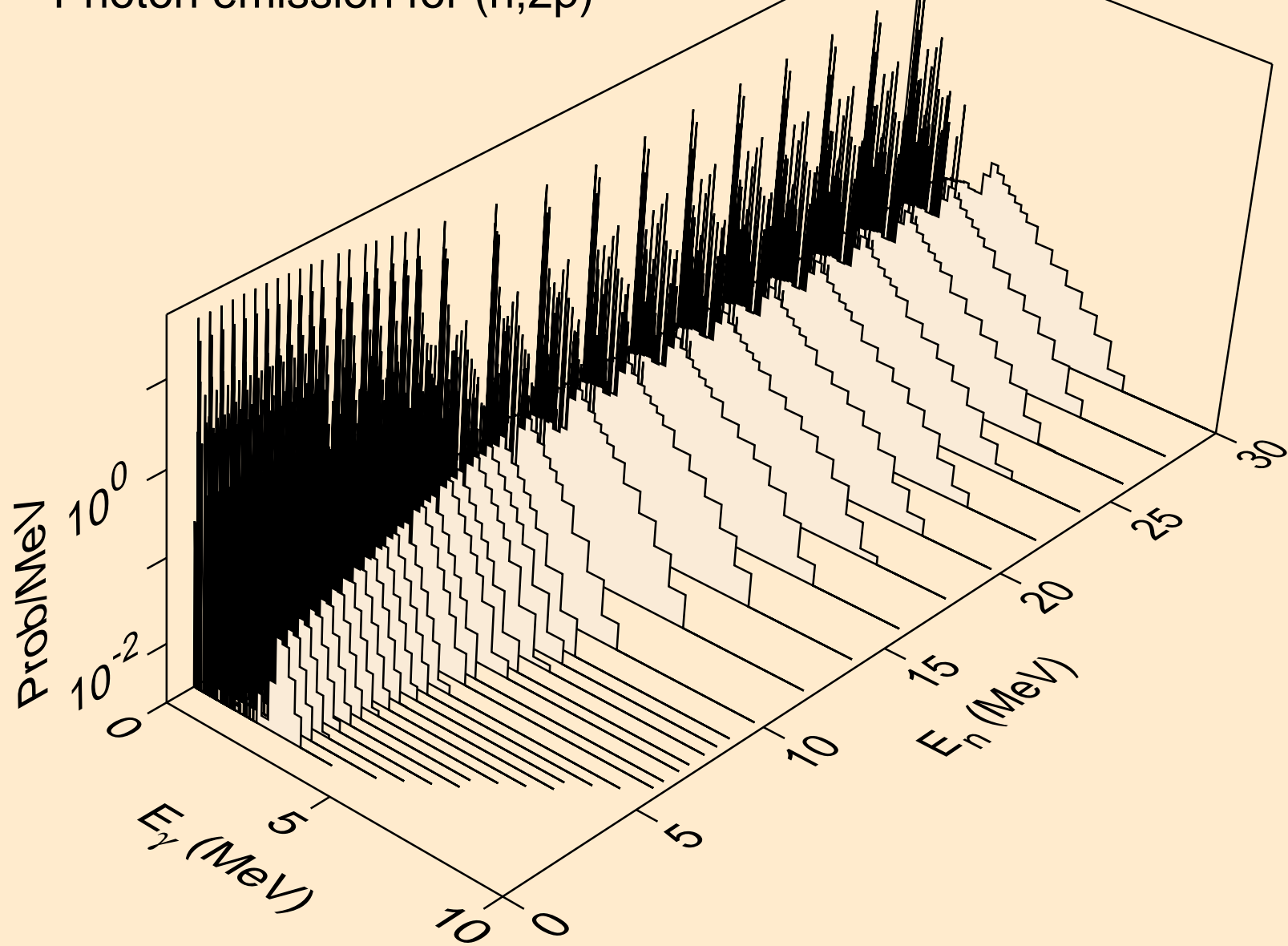
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



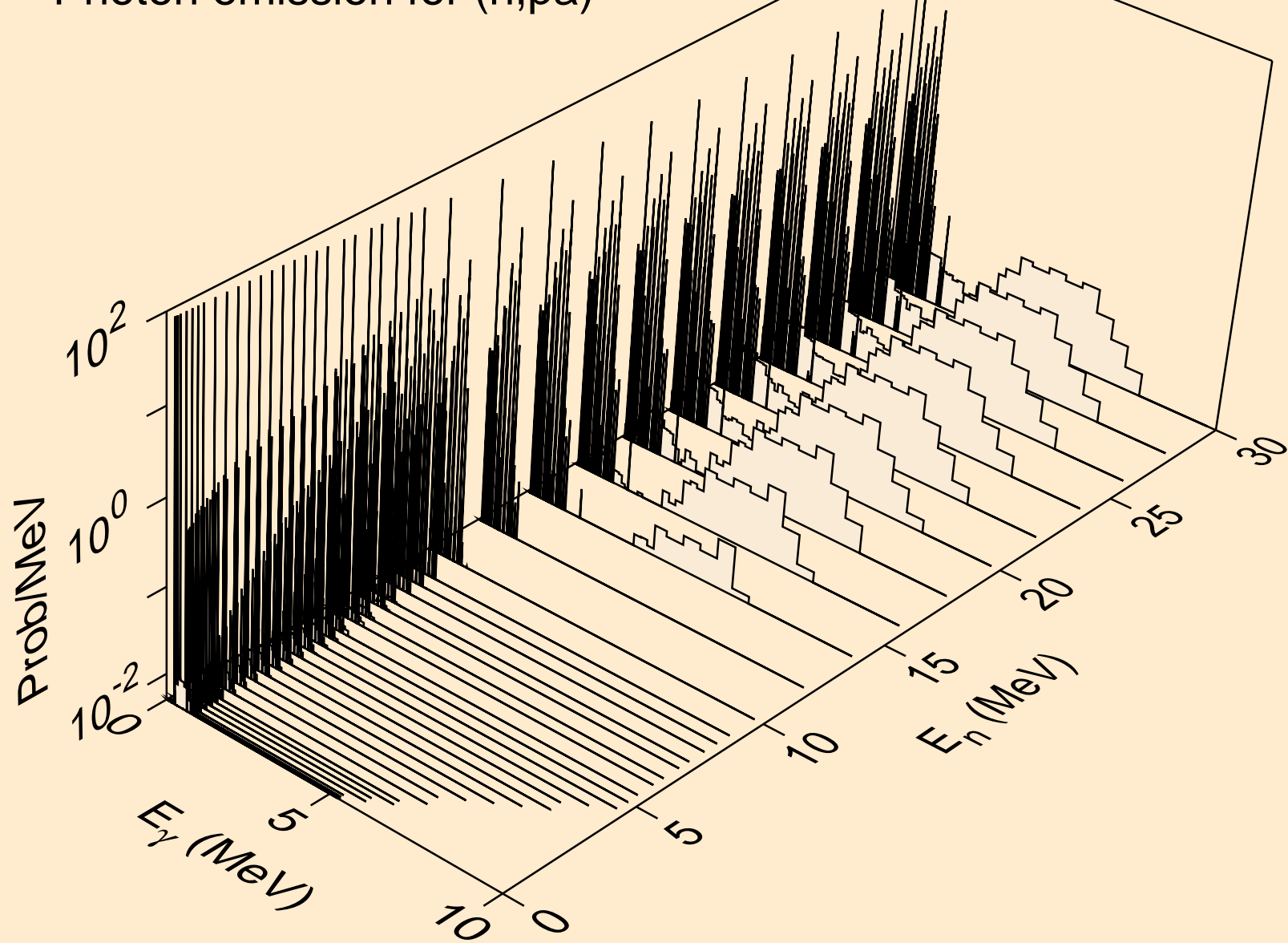
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



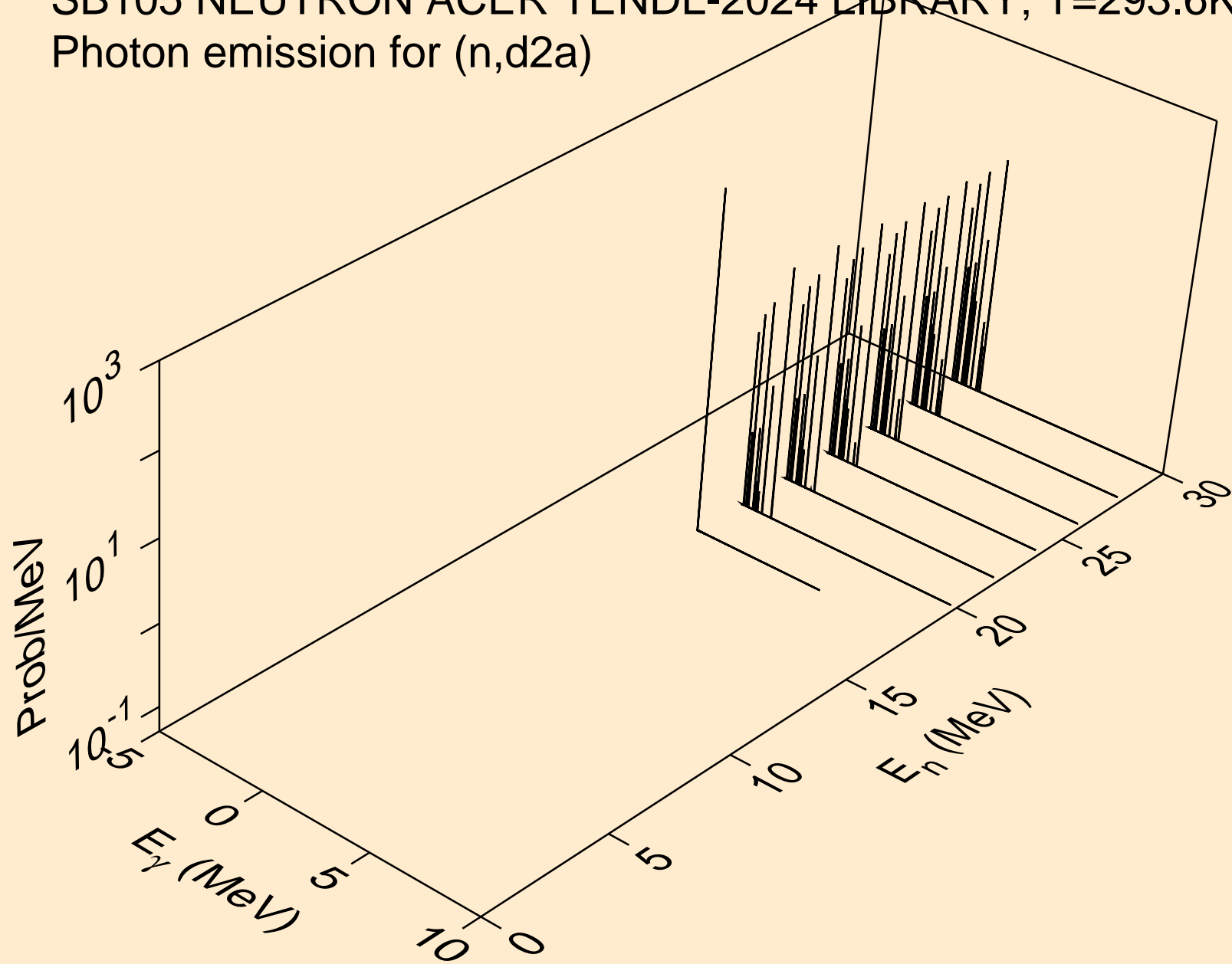
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



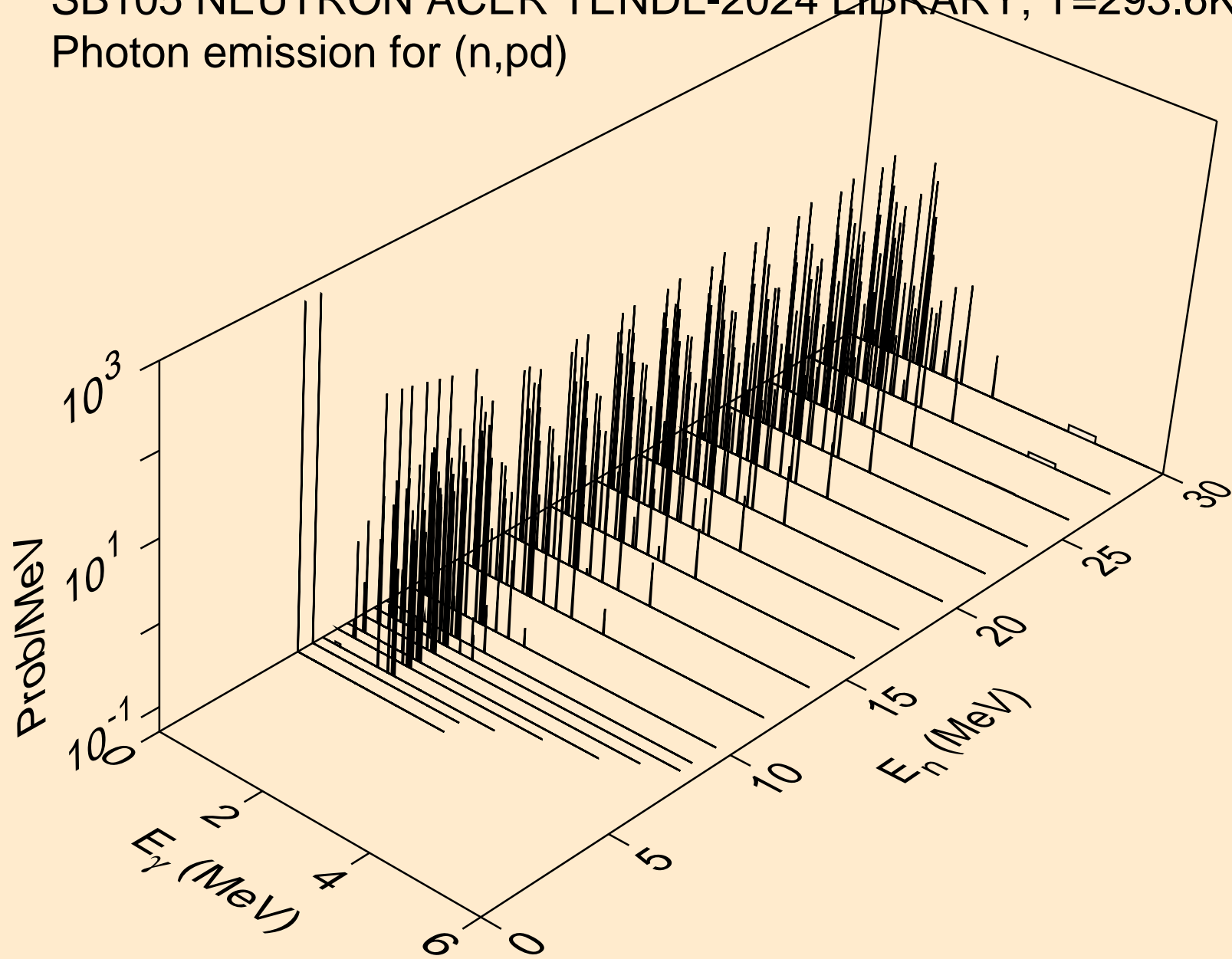
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



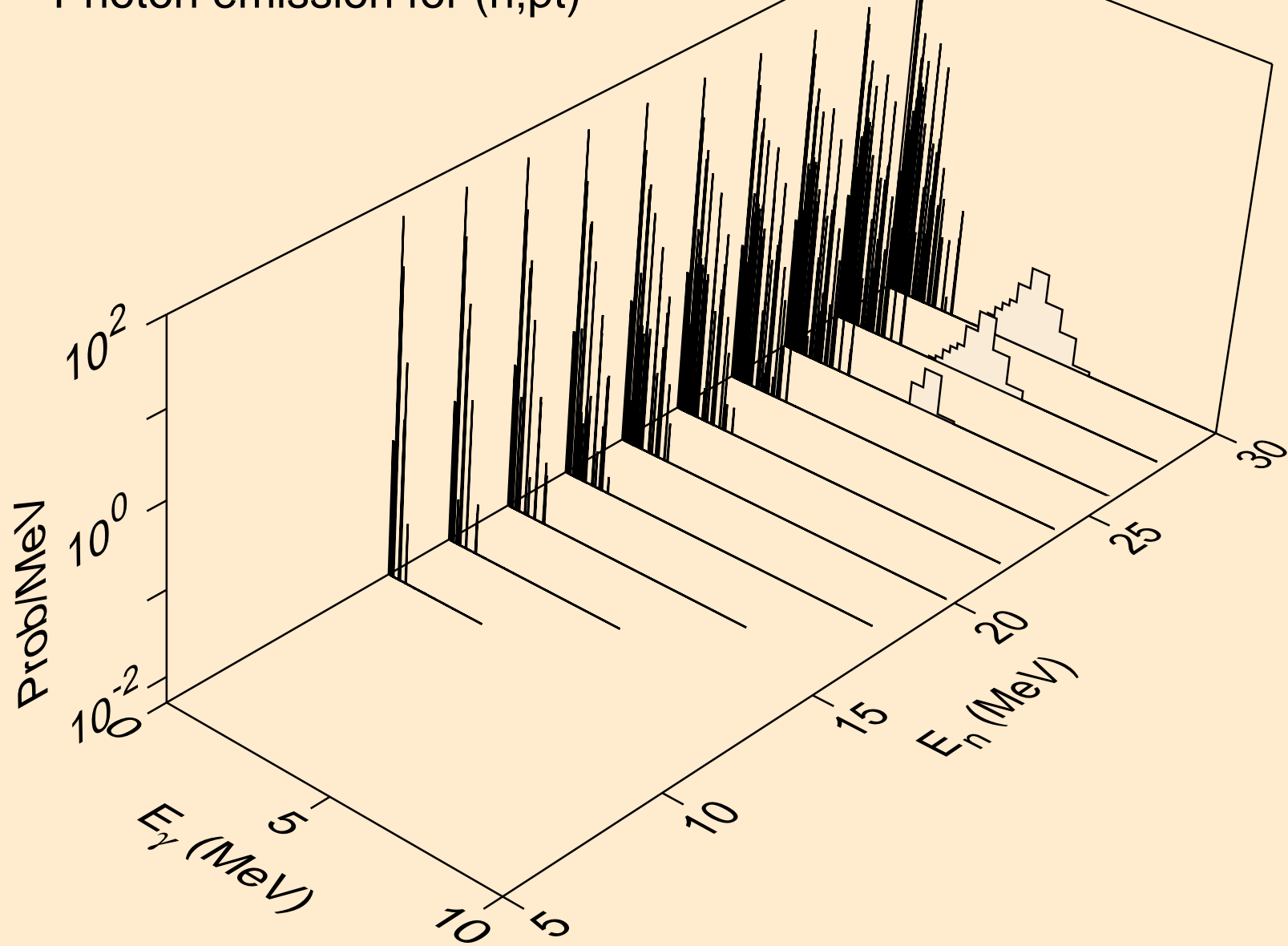
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



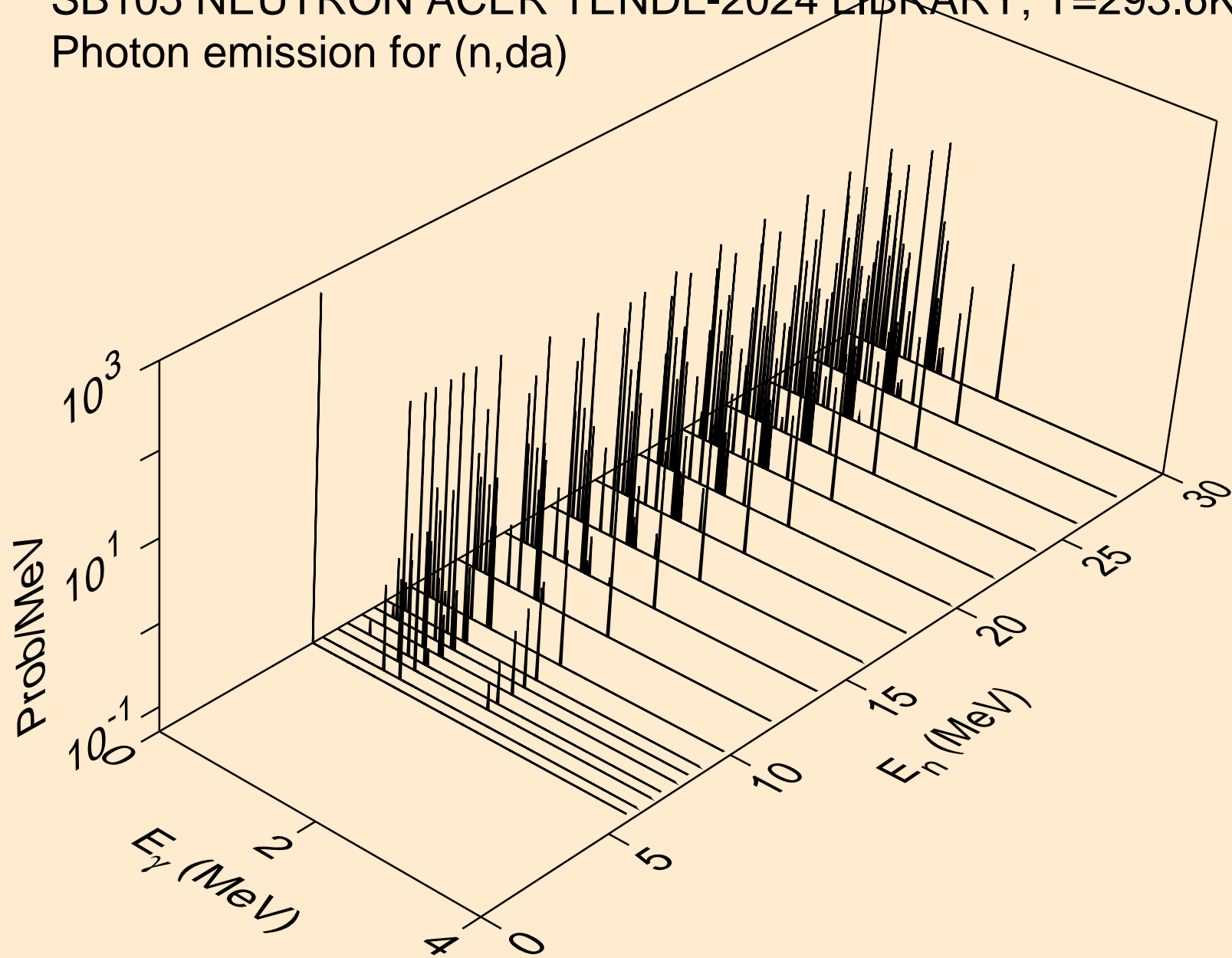
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



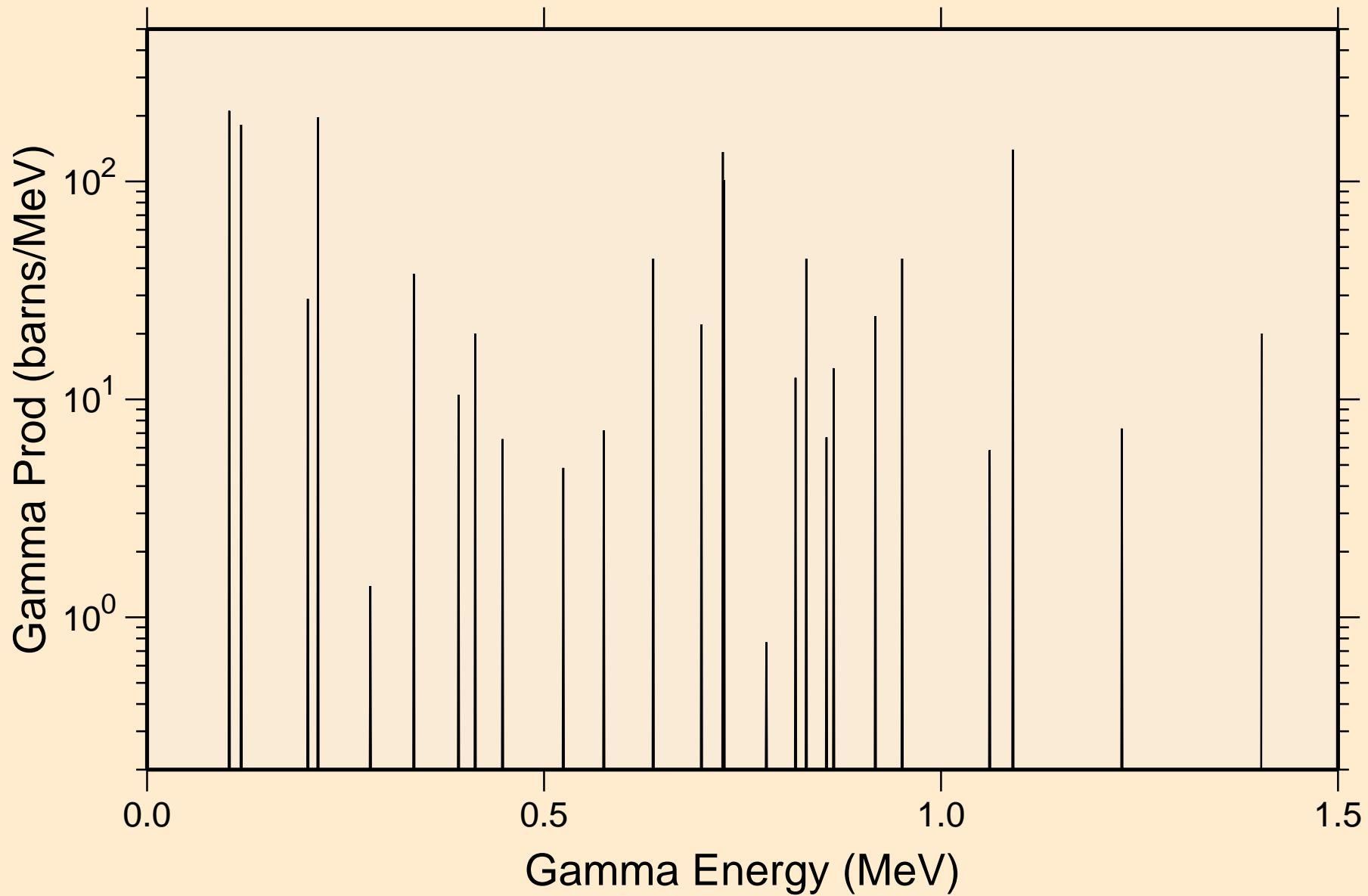
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



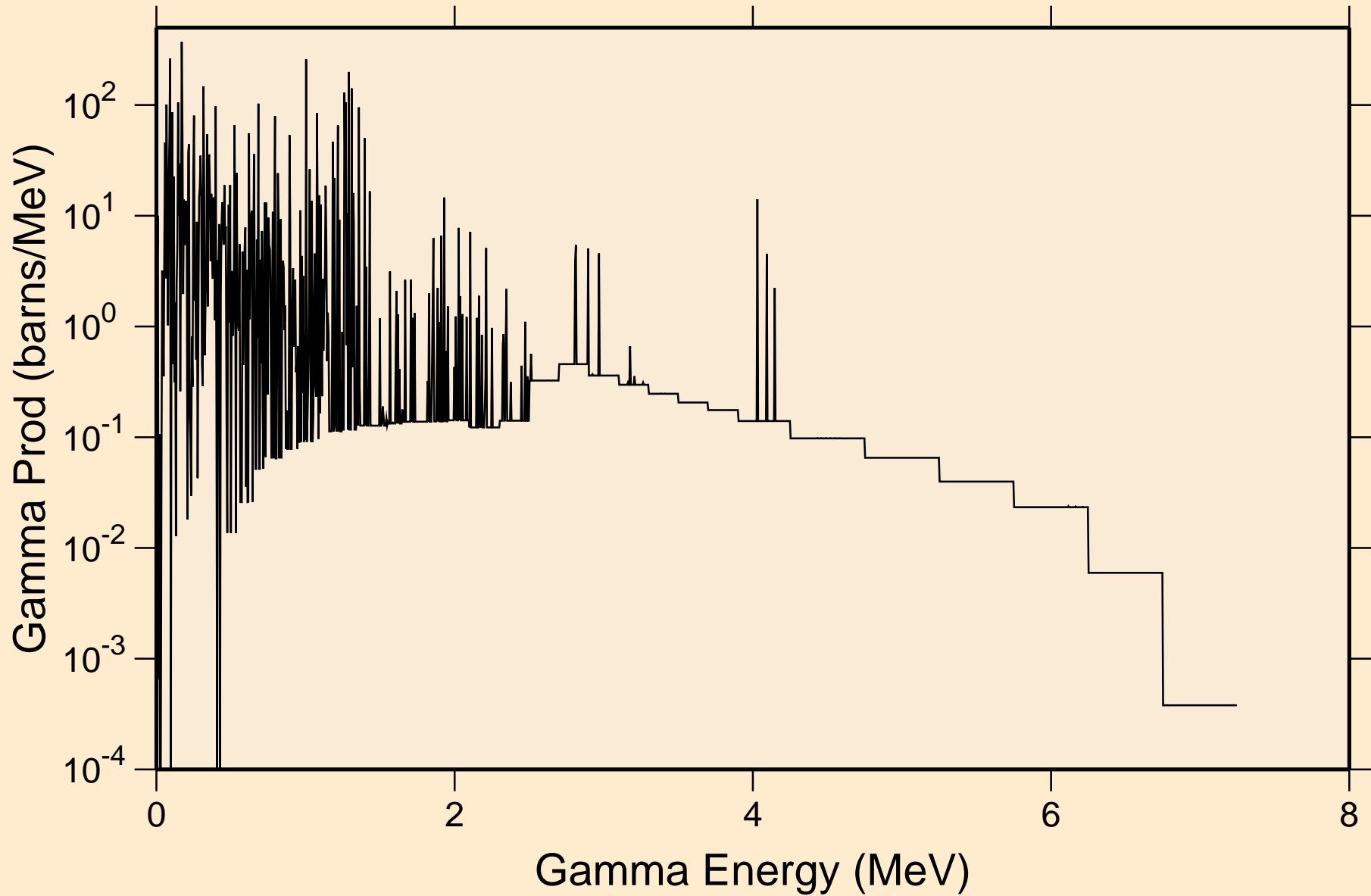
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

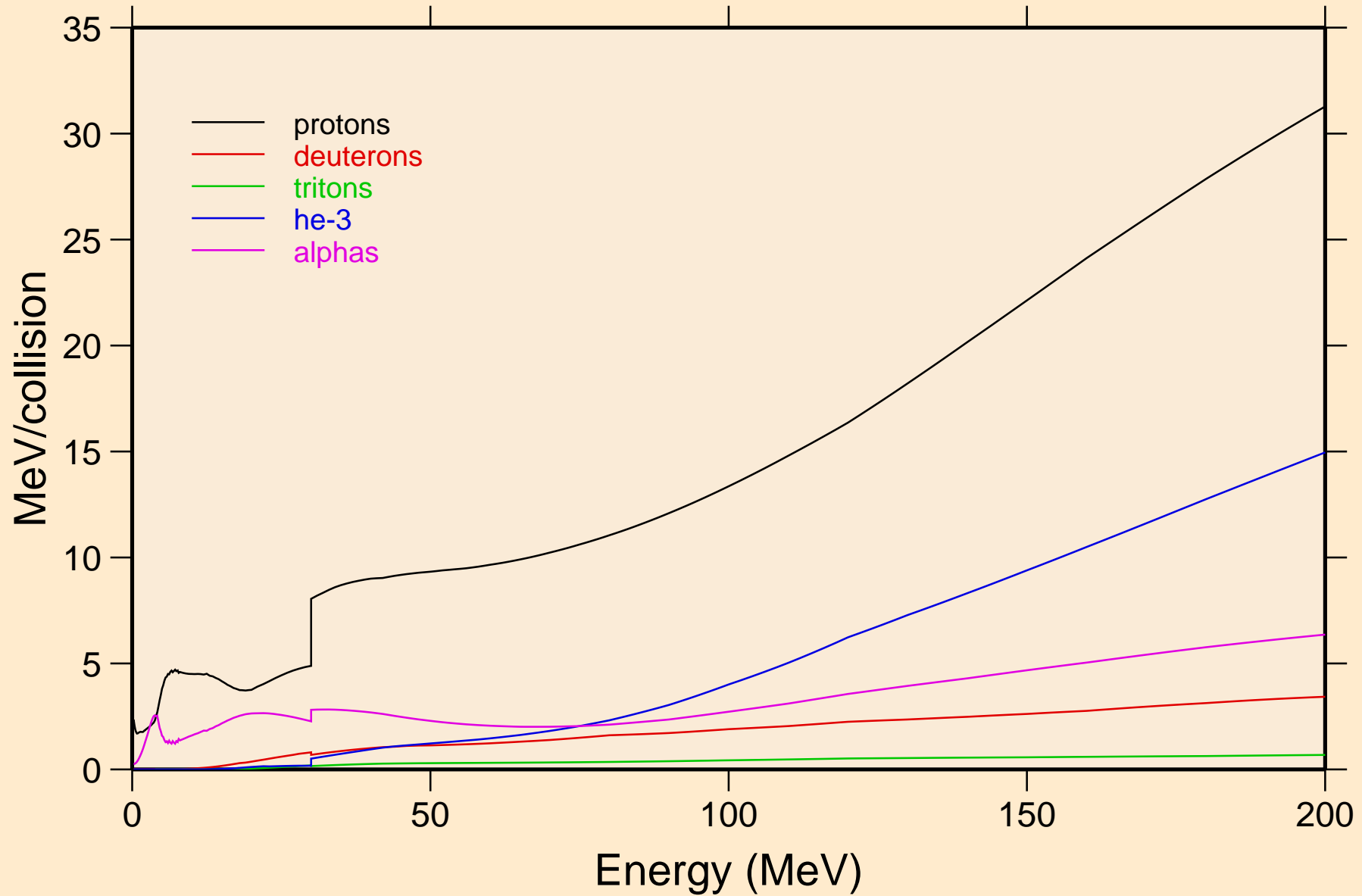


SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

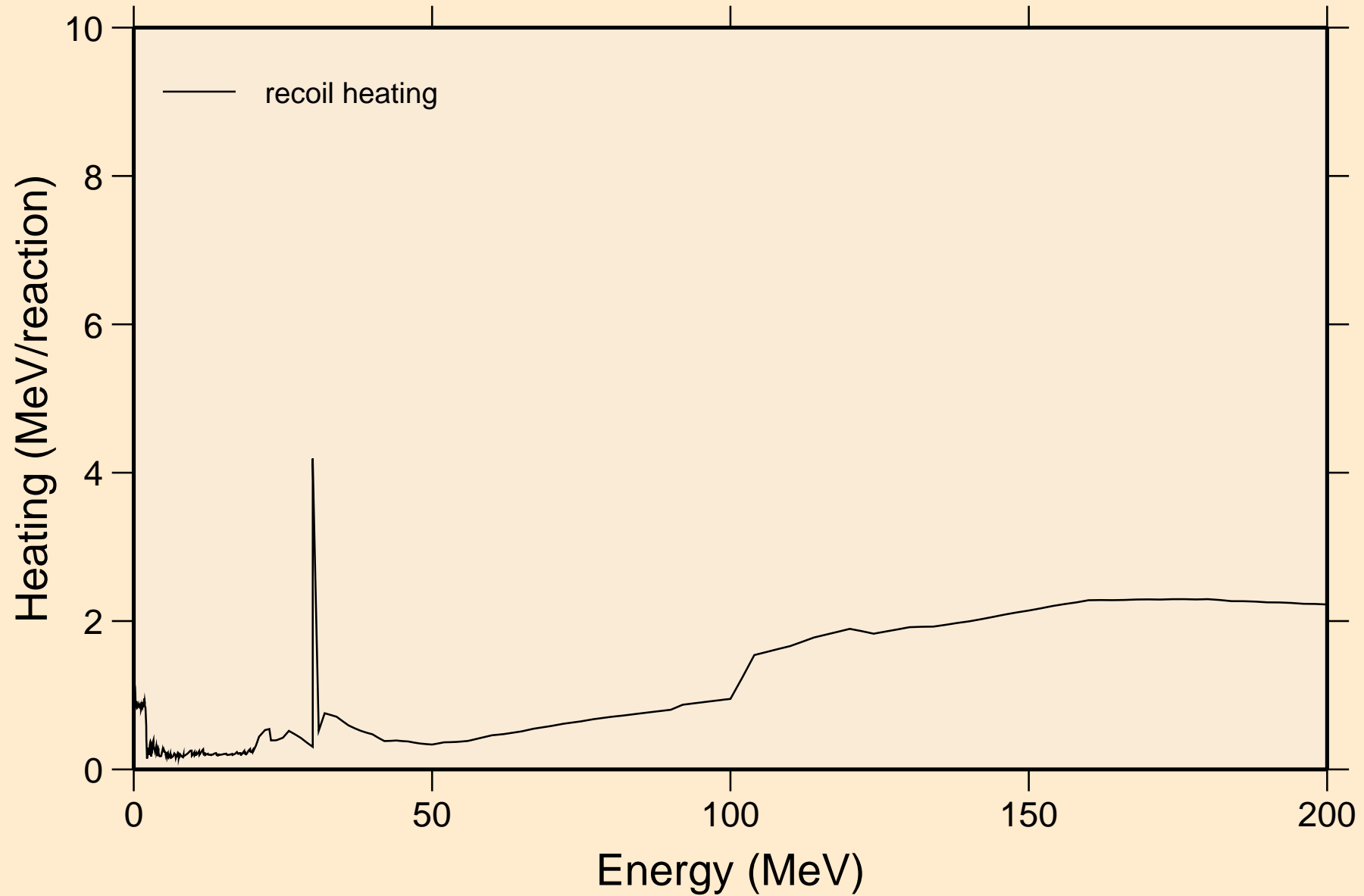


# SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

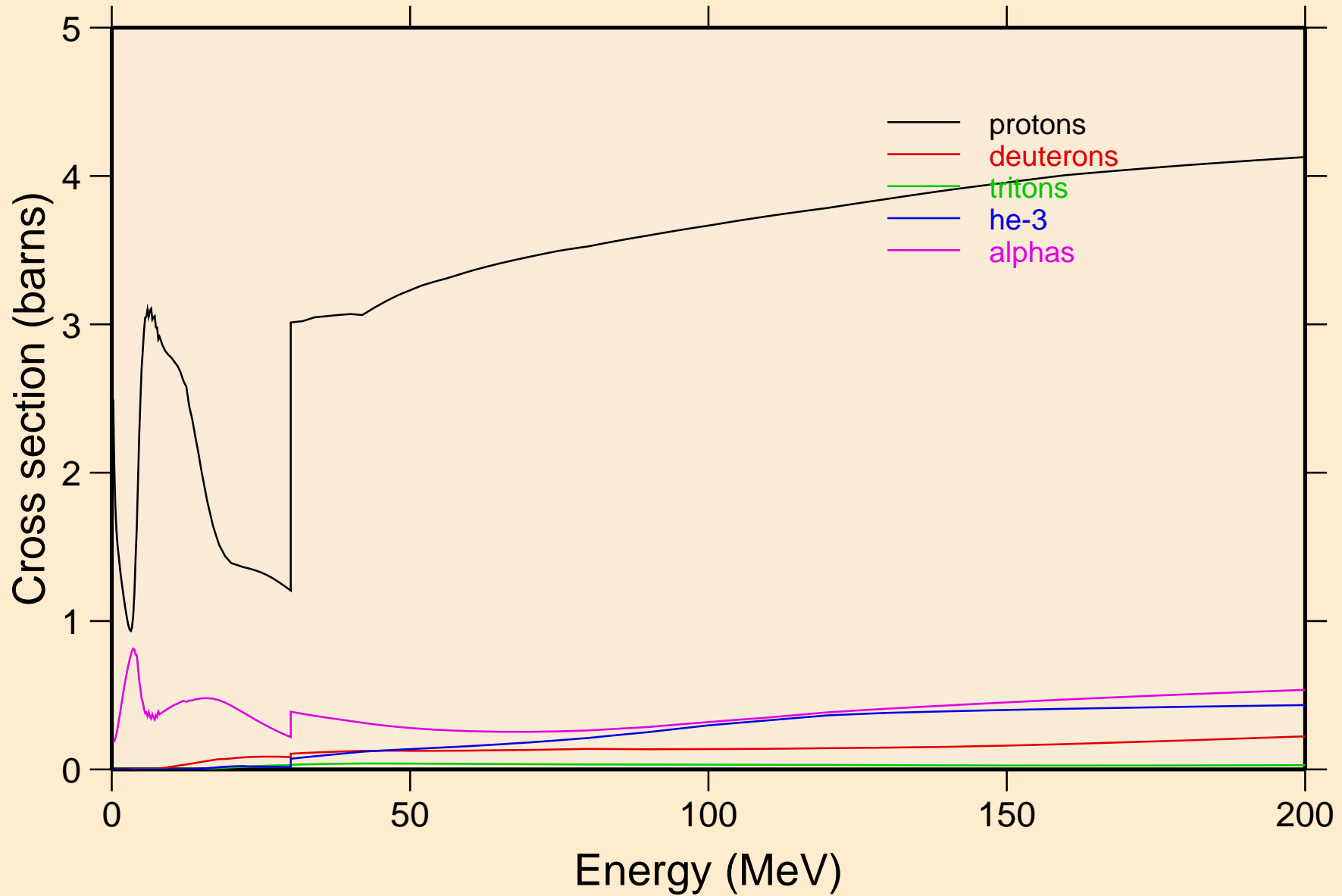
## Particle heating contributions



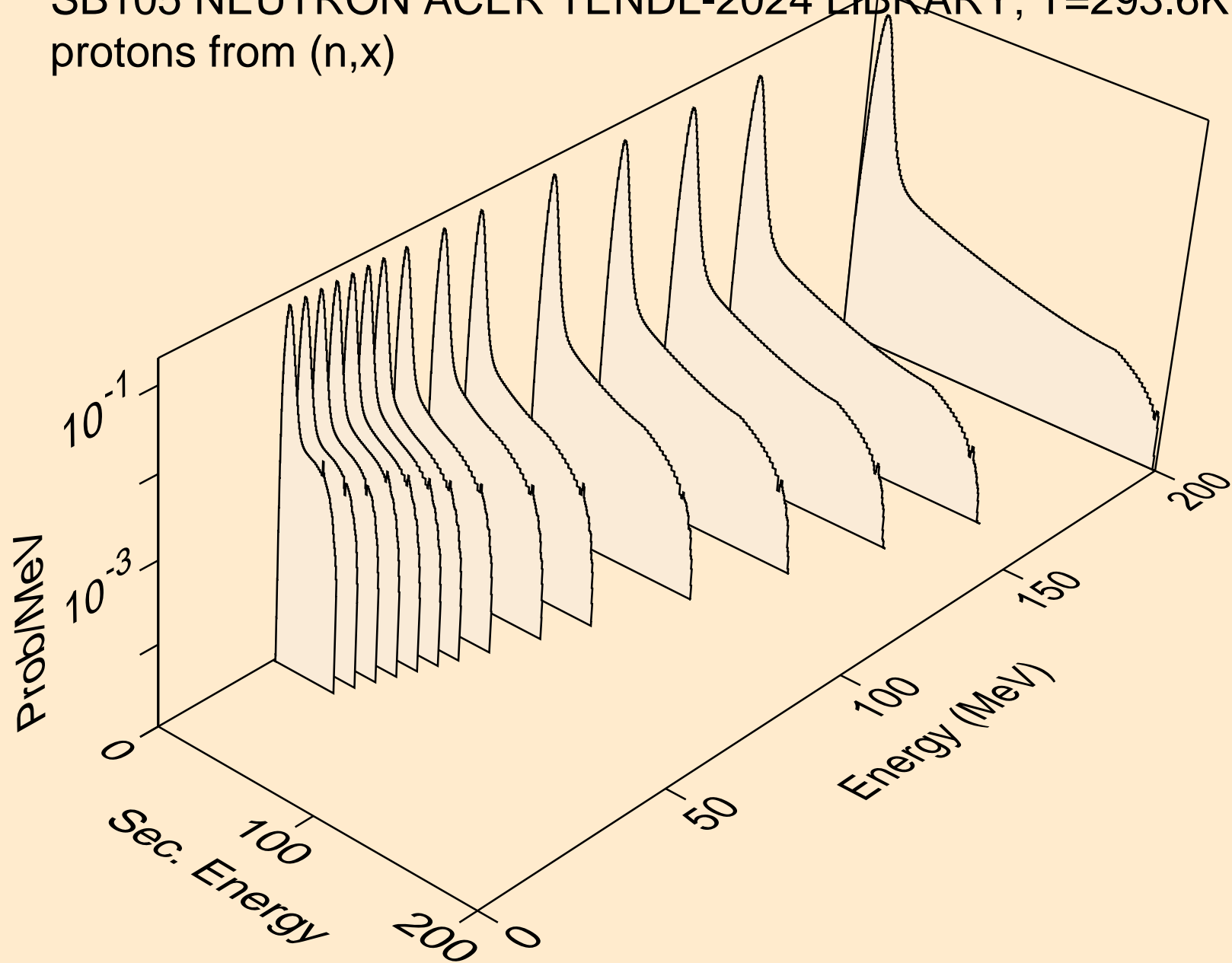
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



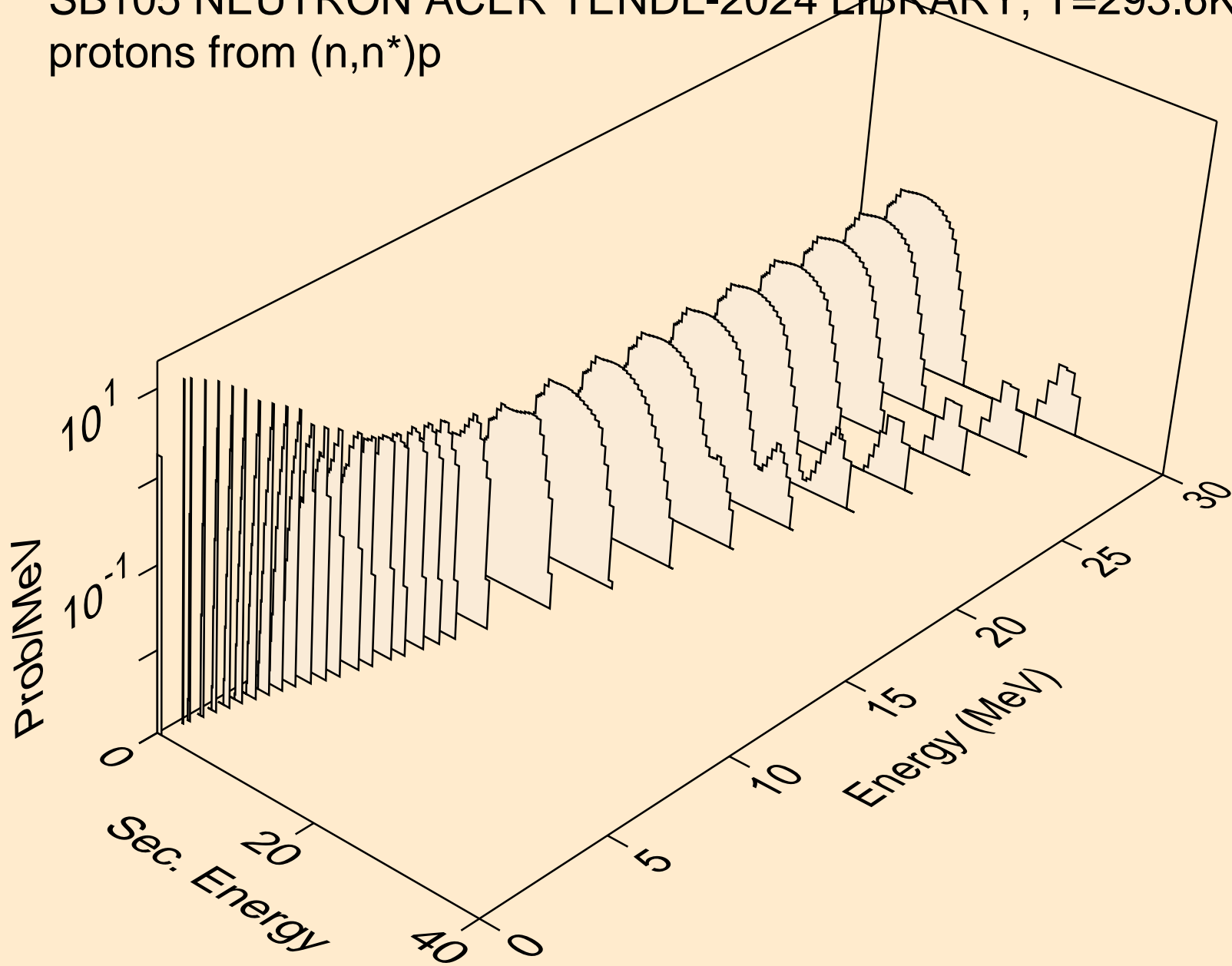
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



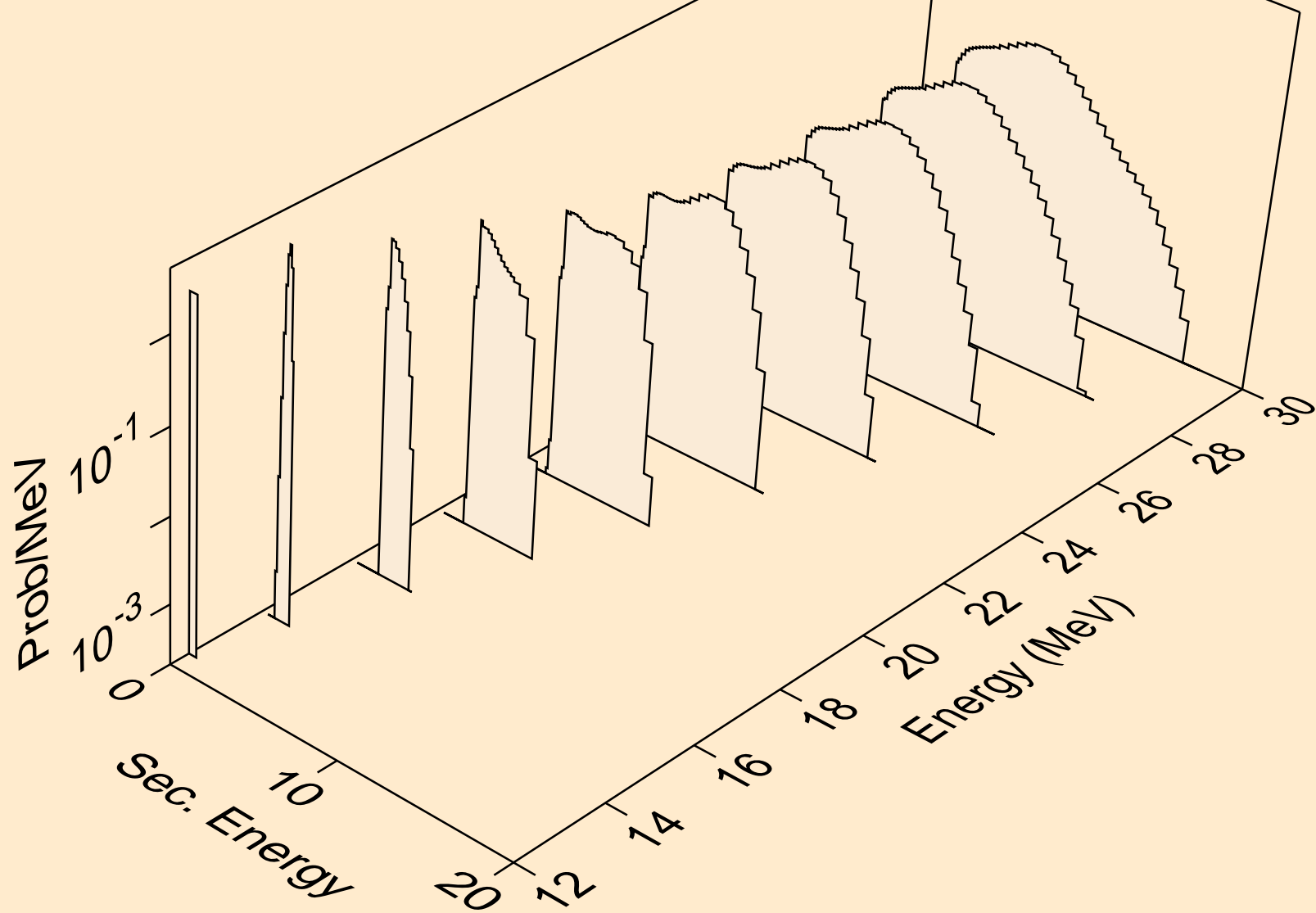
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



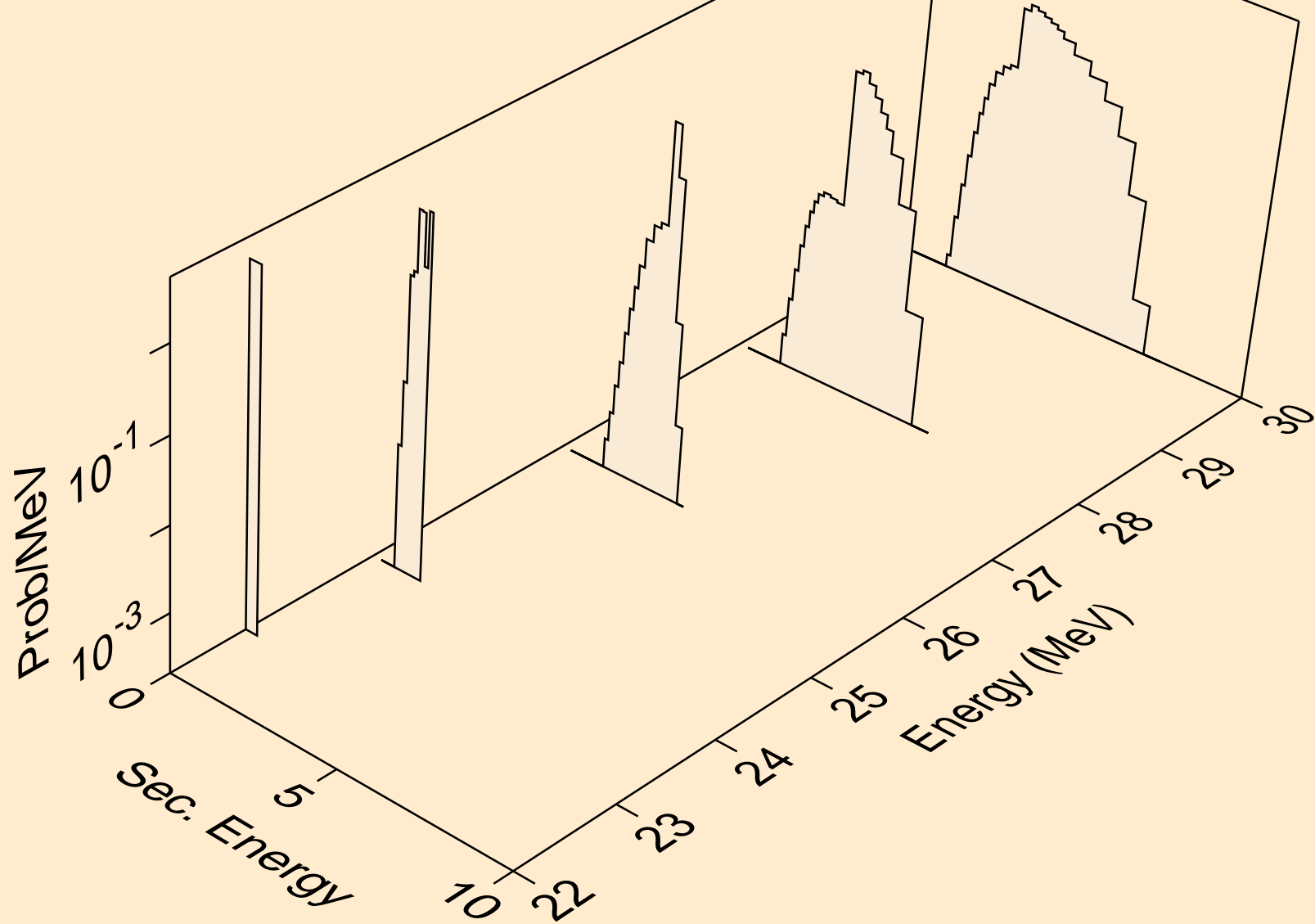
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



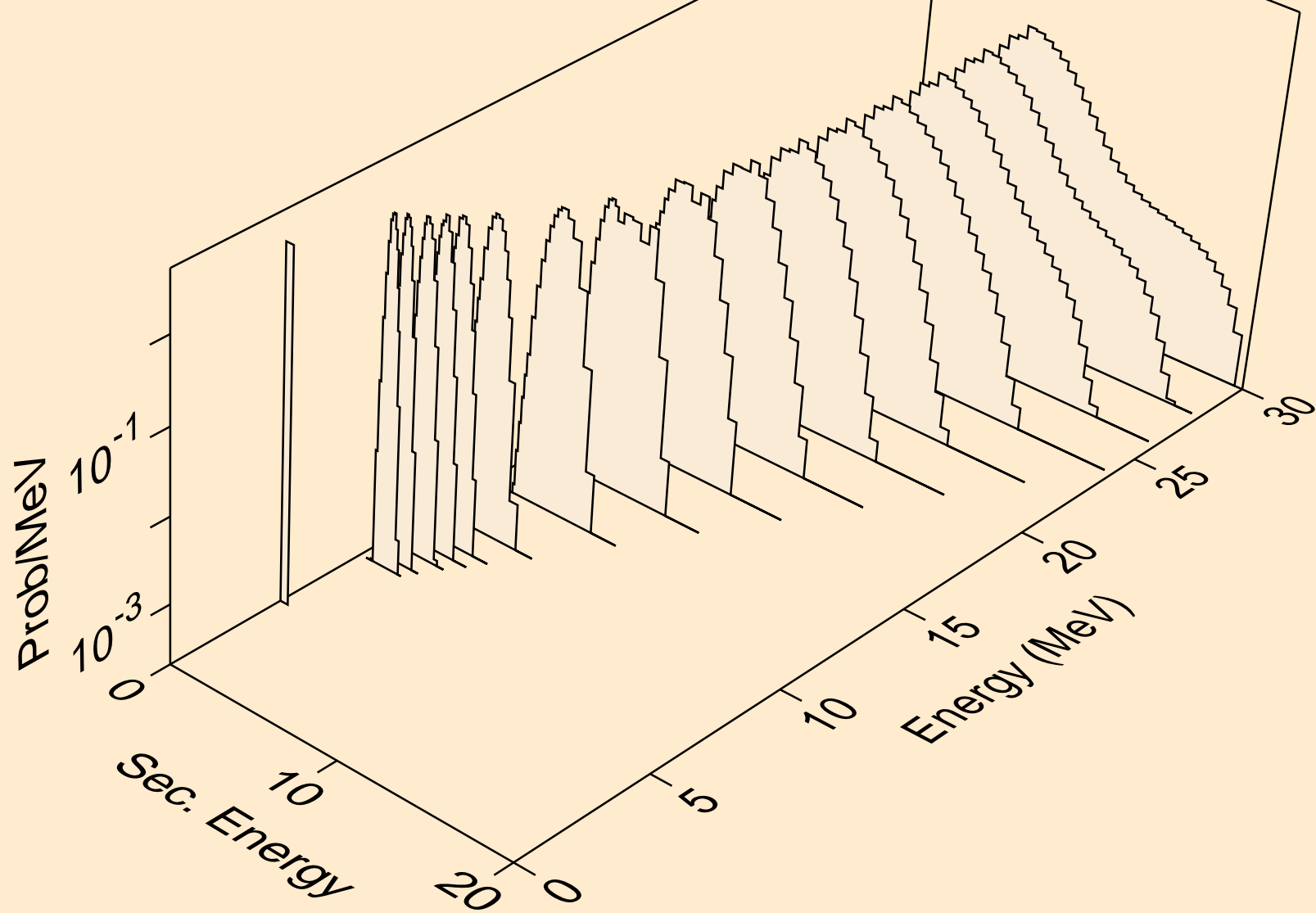
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protons from (n,2np)



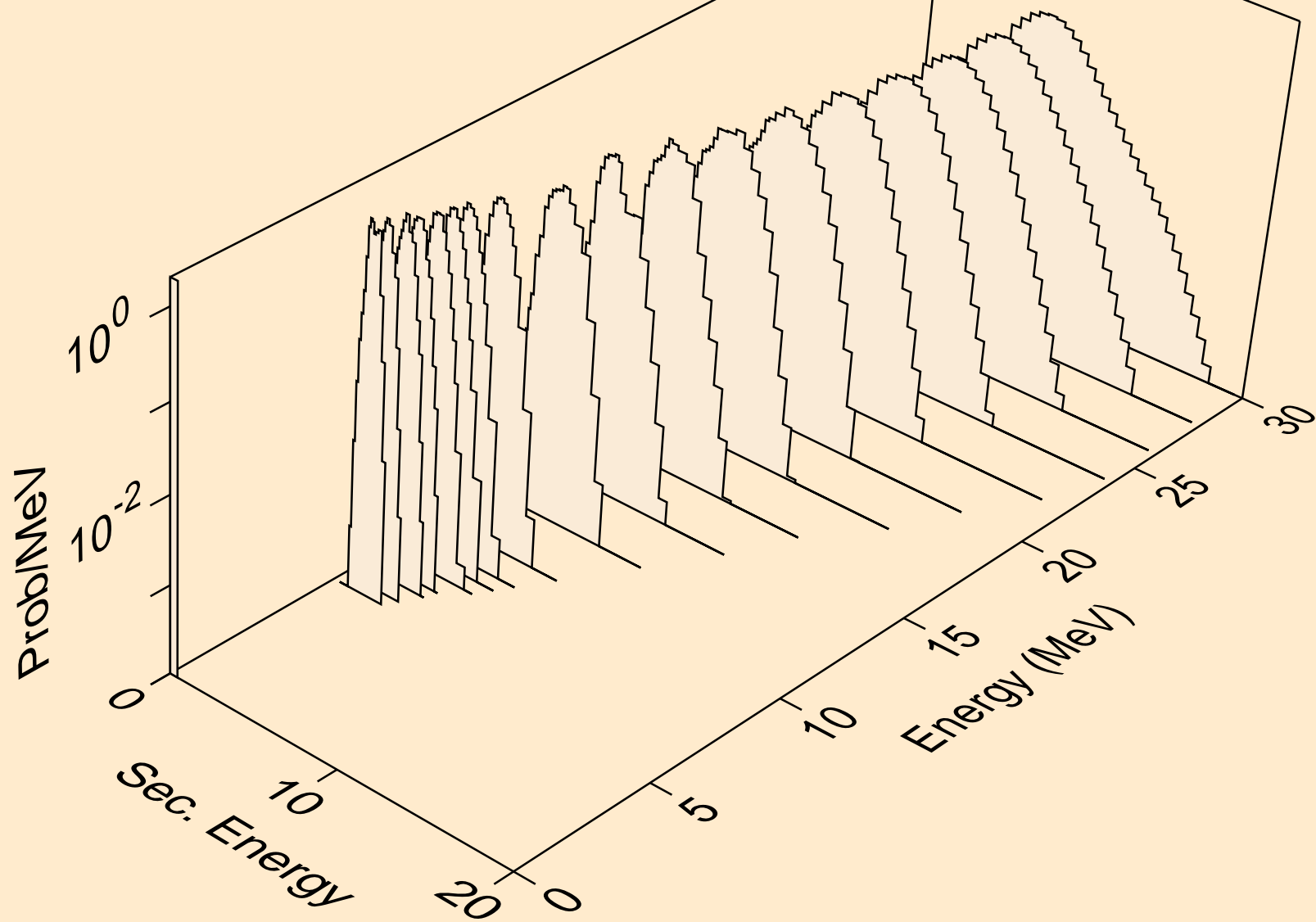
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protons from (n,3np)



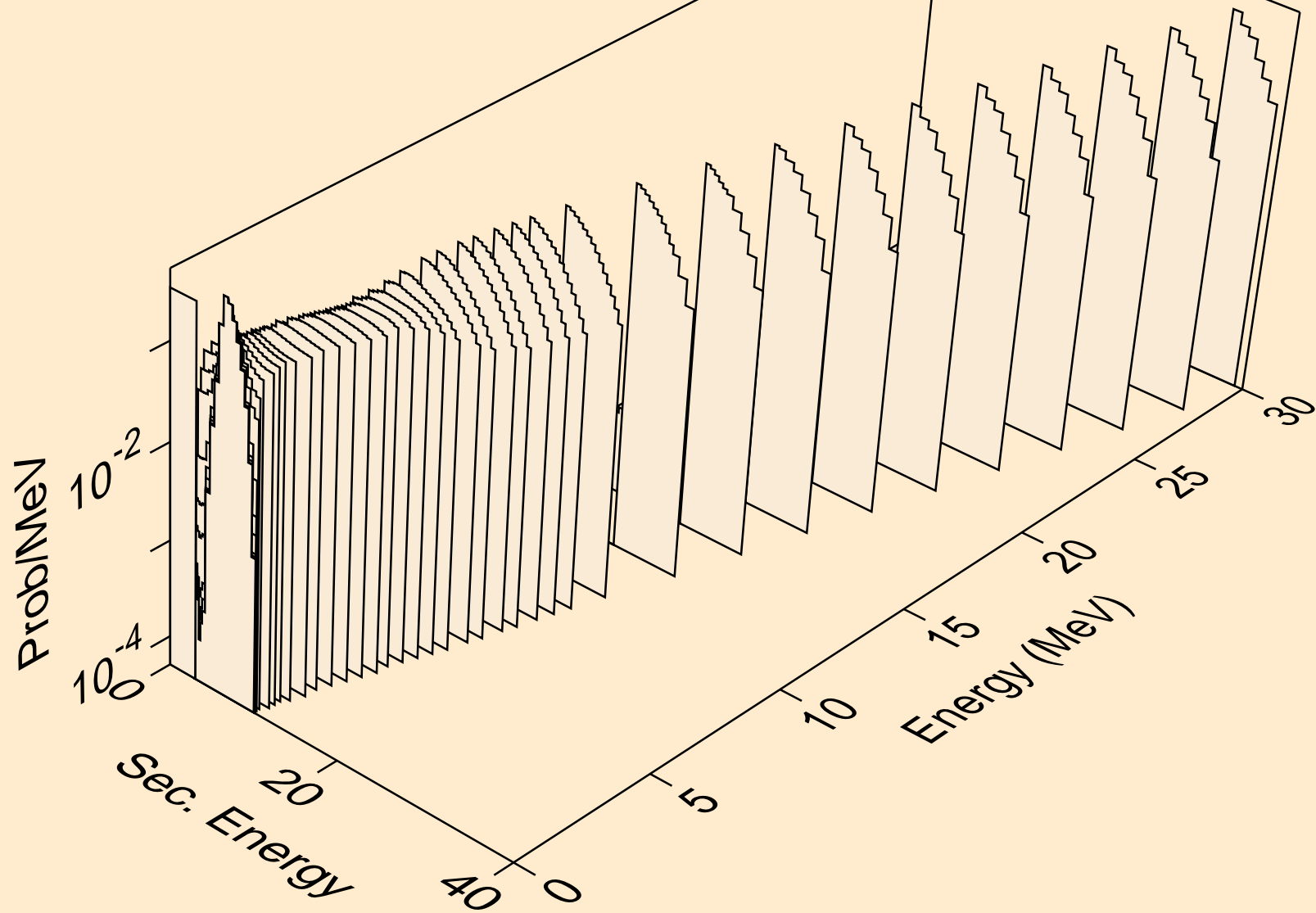
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



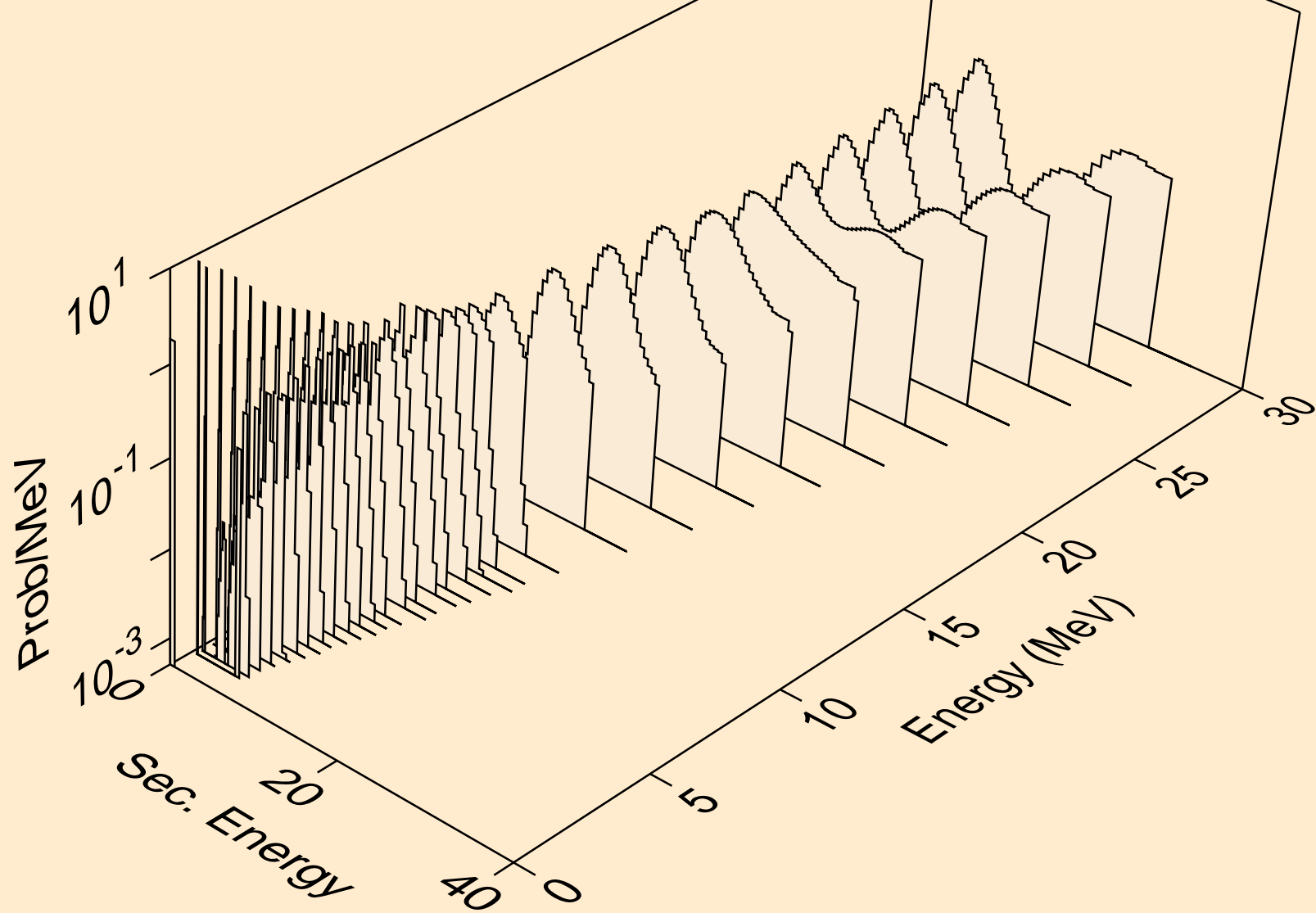
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



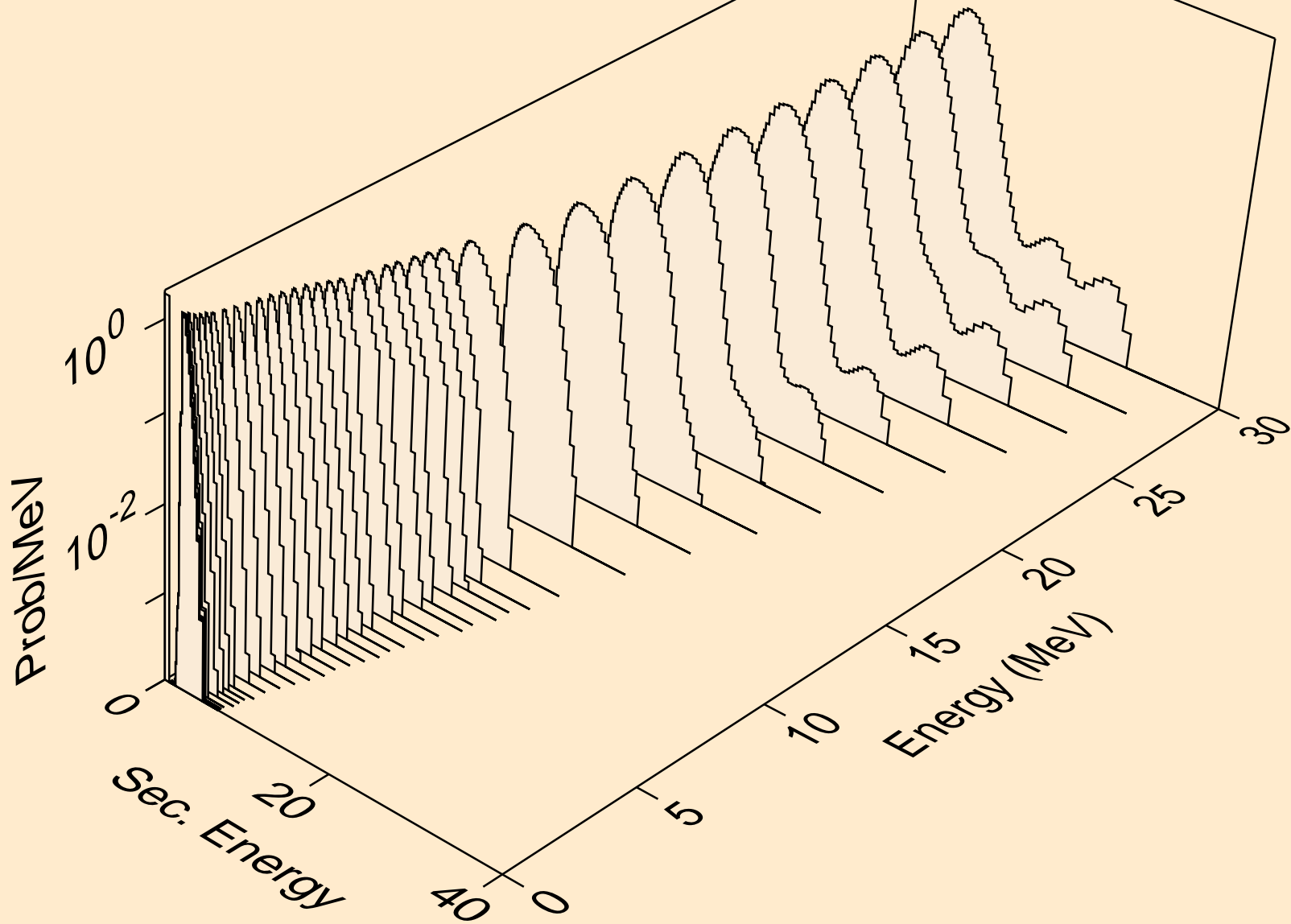
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protons from (n,p)



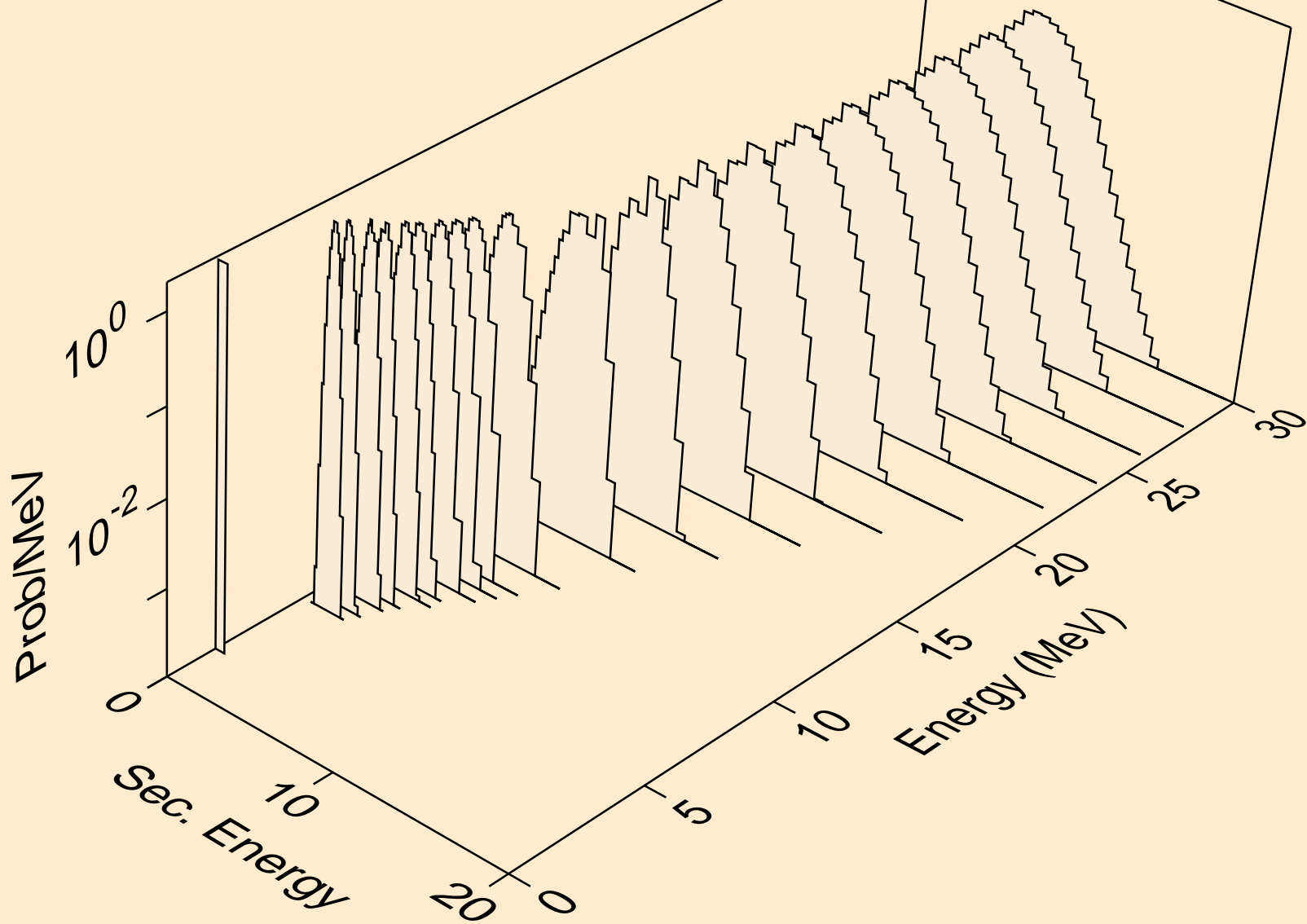
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protons from (n,2p)



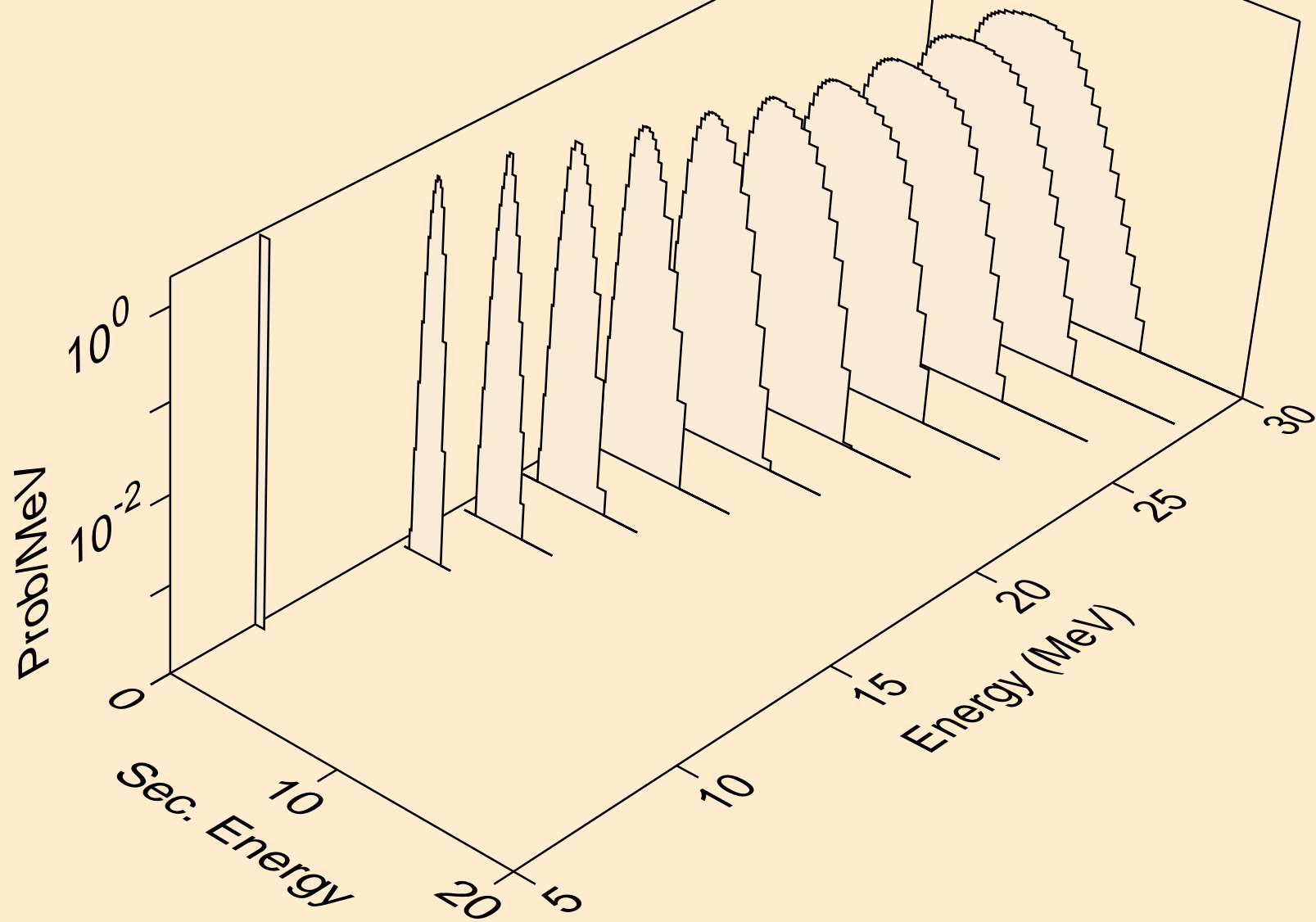
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protons from (n,p)



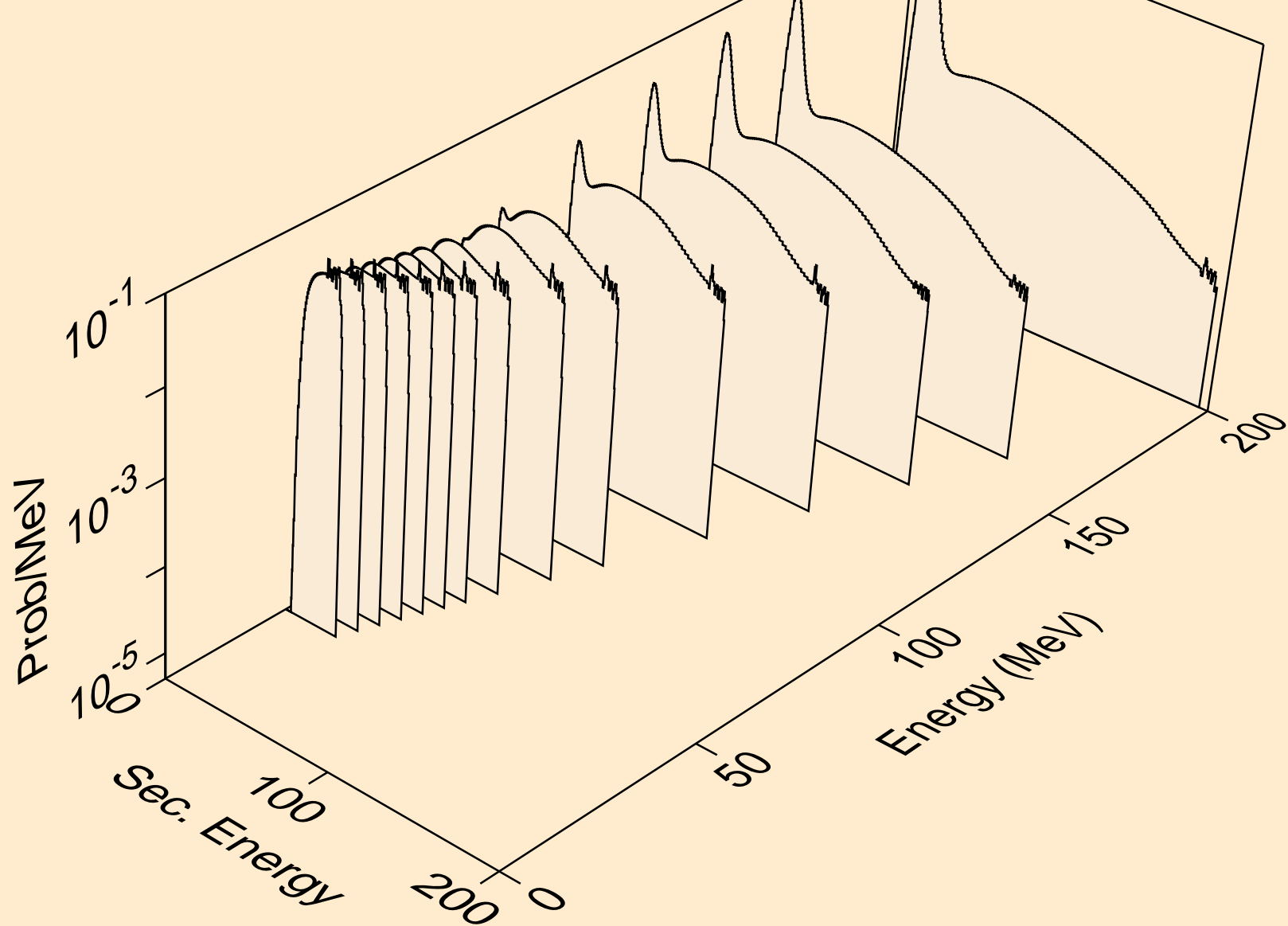
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protons from (n,pd)



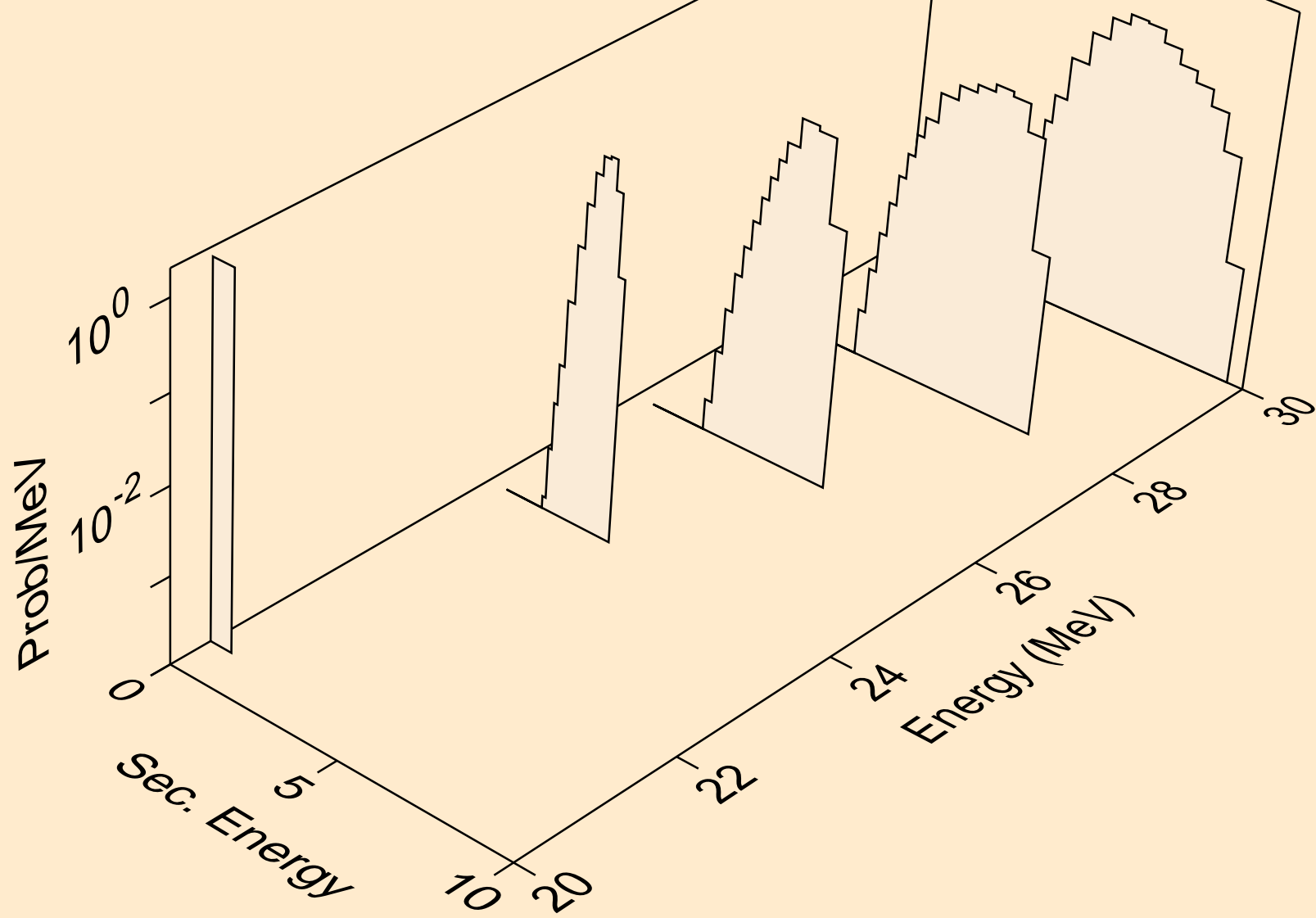
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protons from (n,pt)



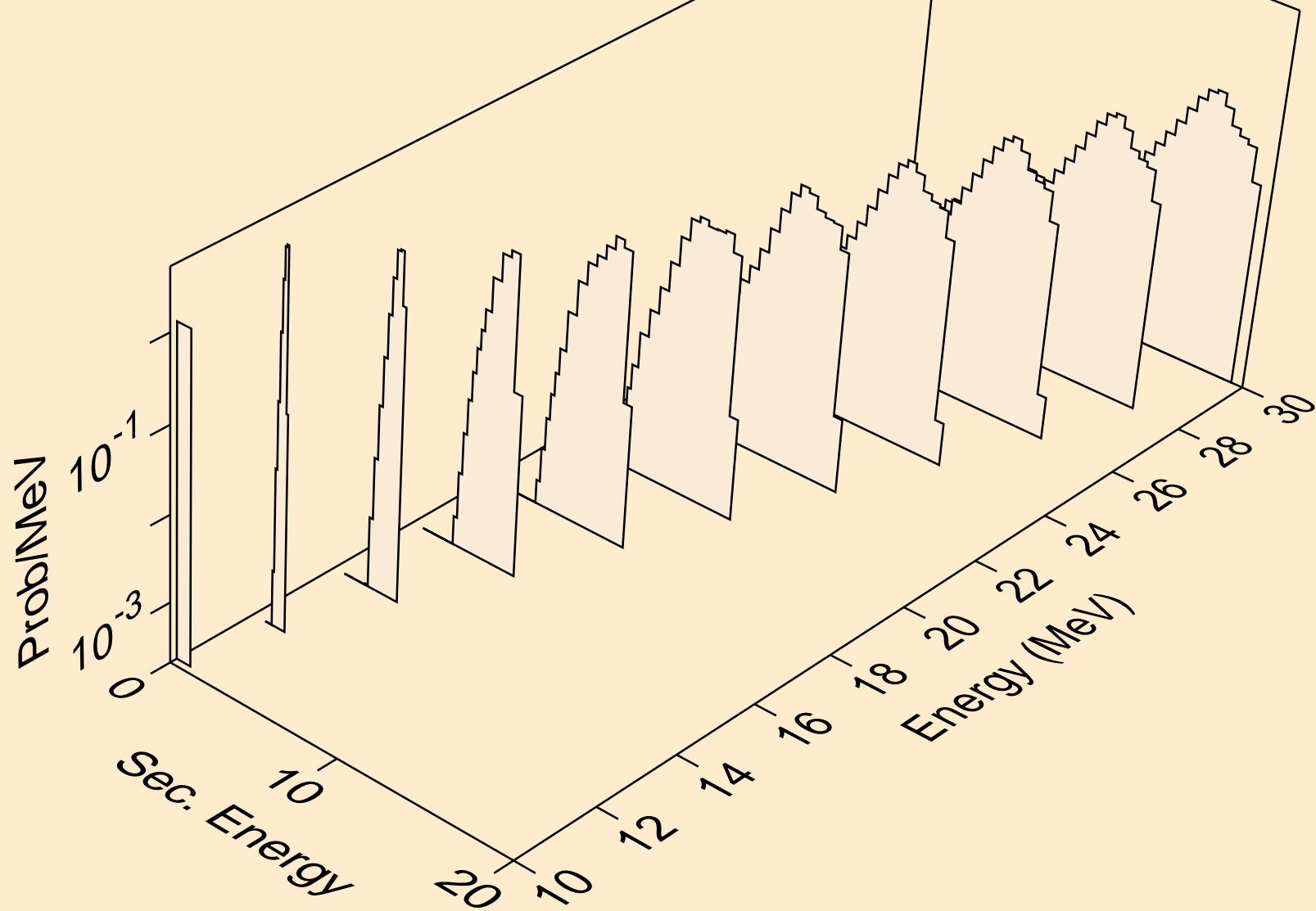
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



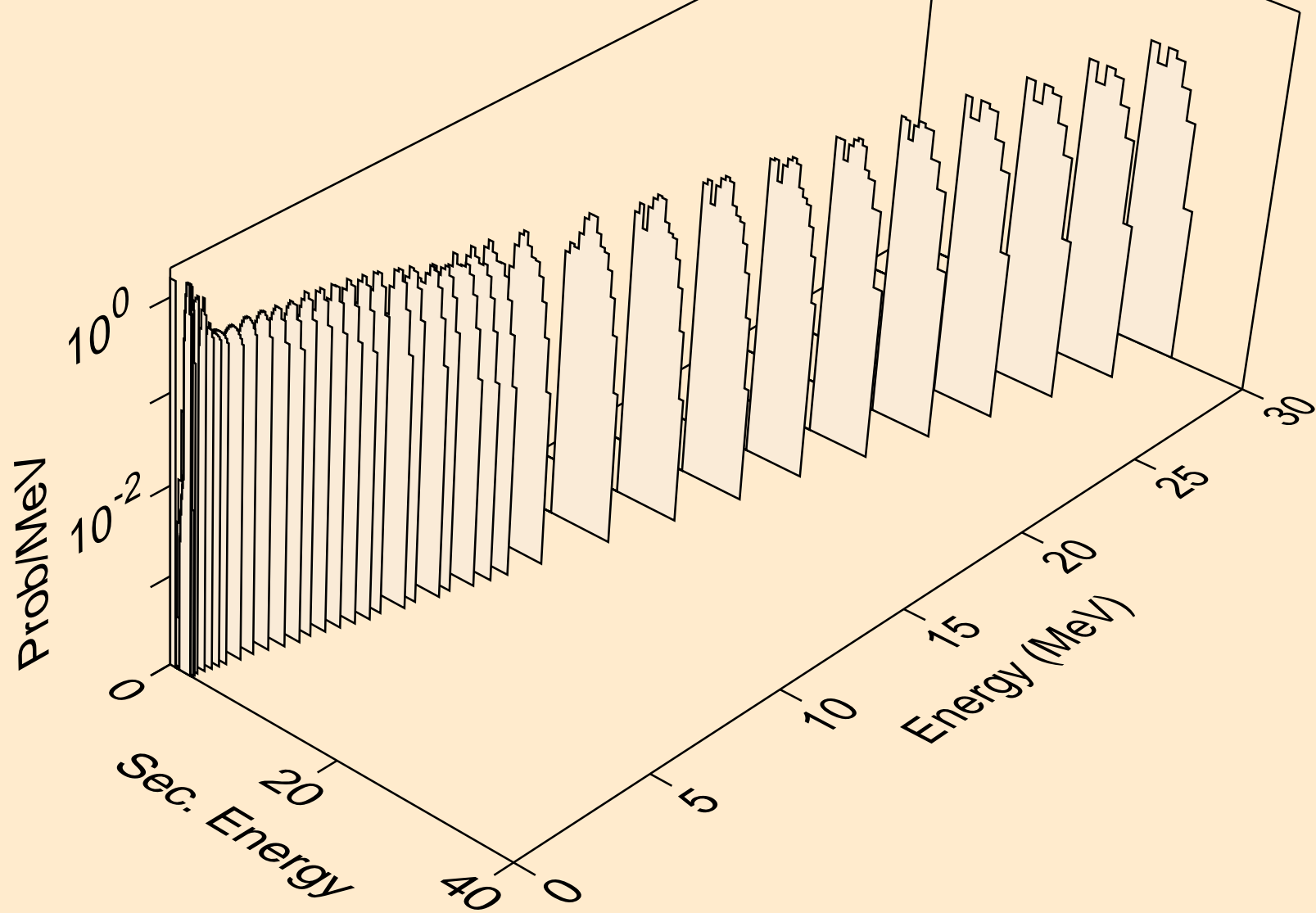
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deuterons from (n,2nd)



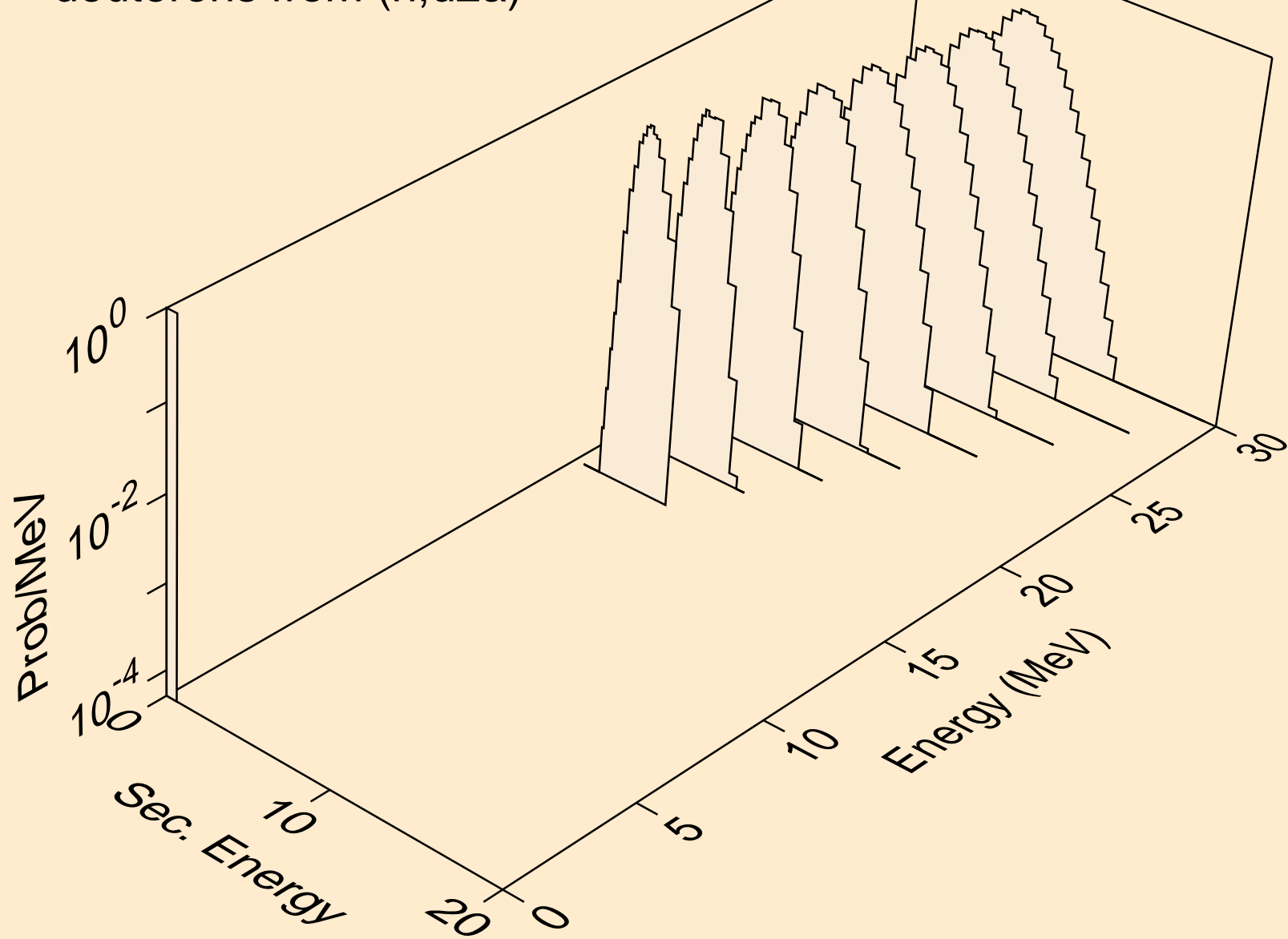
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



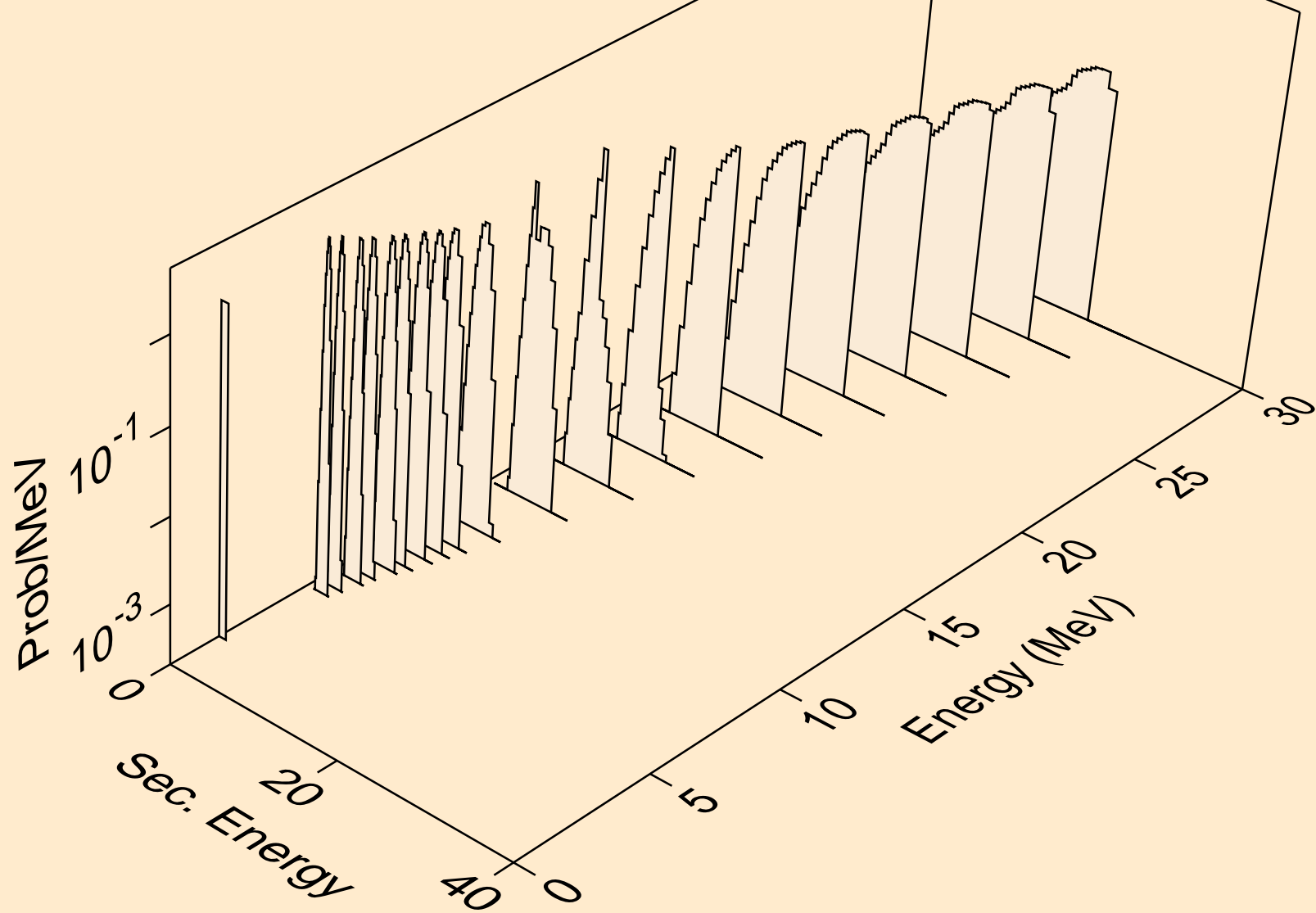
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deuterons from (n,d)



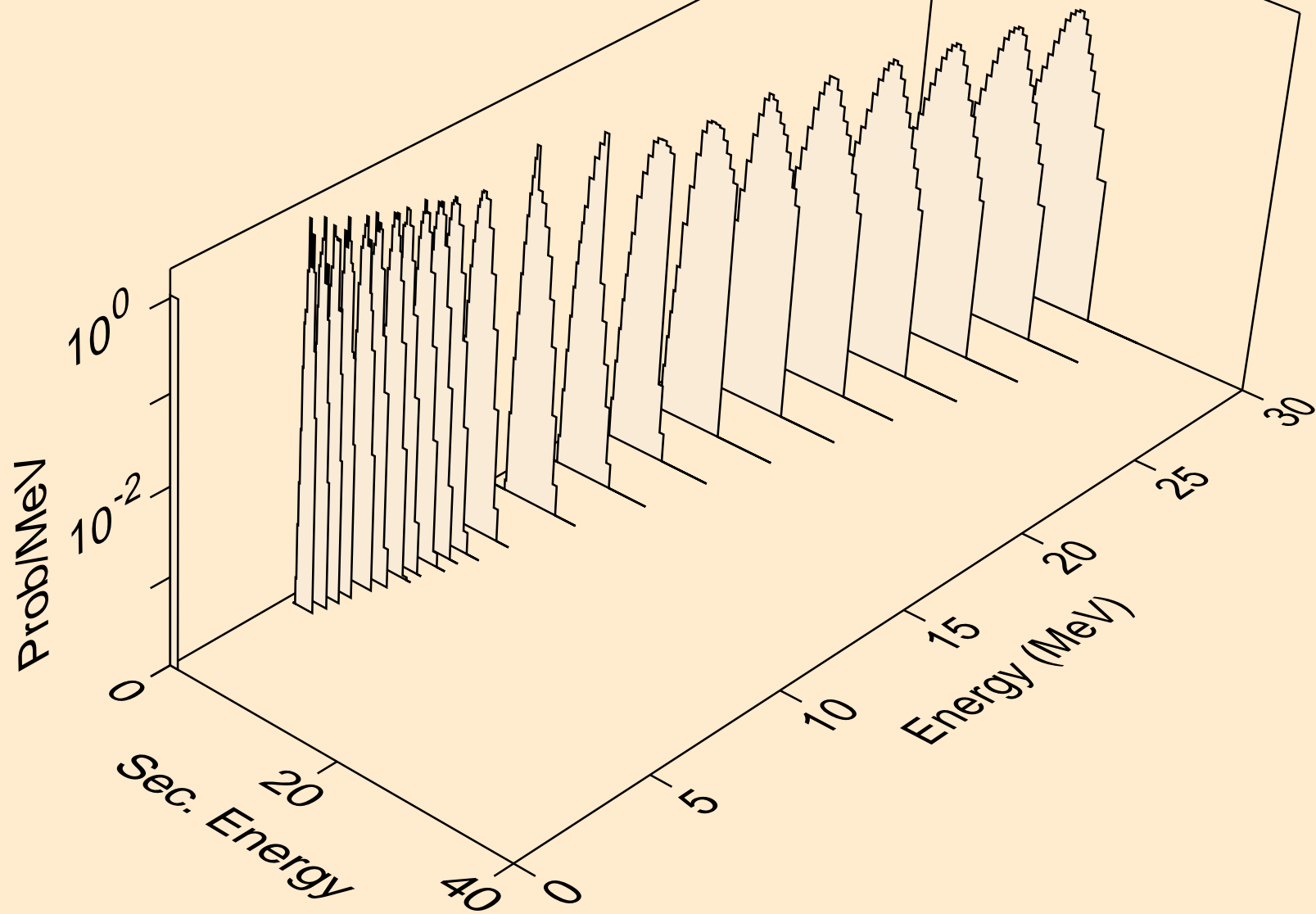
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deuterons from (n,d2a)



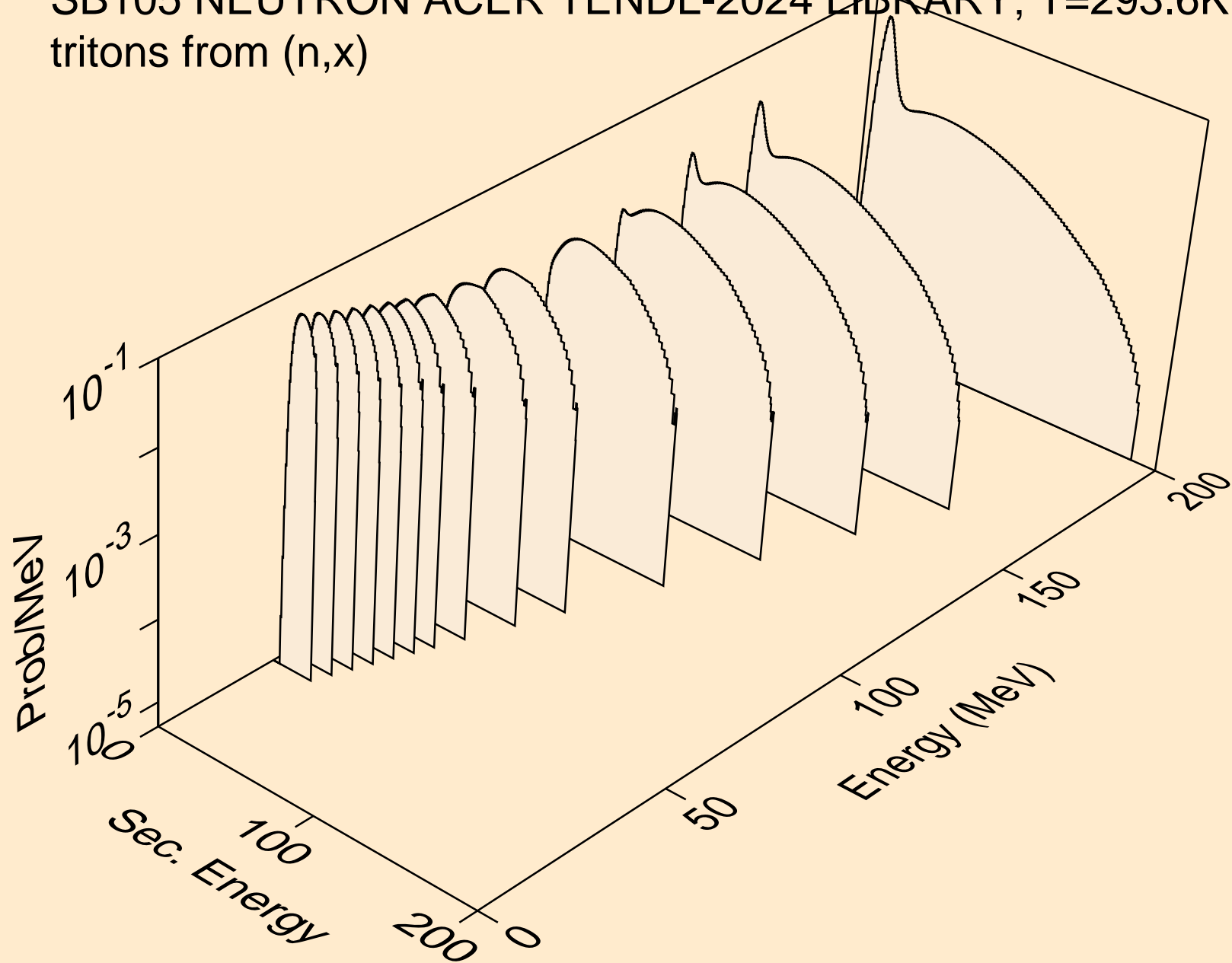
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deuterons from (n,pd)



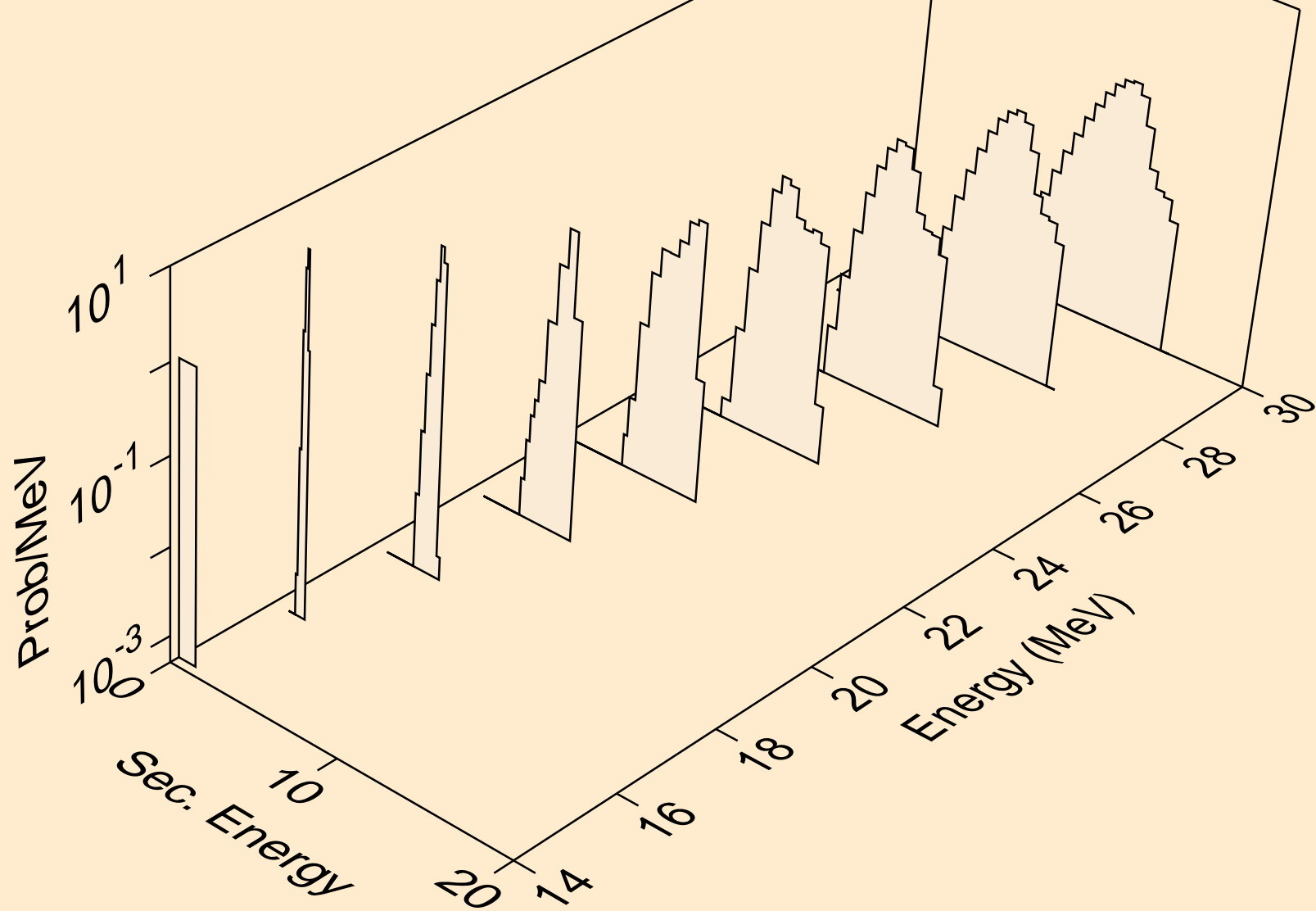
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deuterons from (n,da)



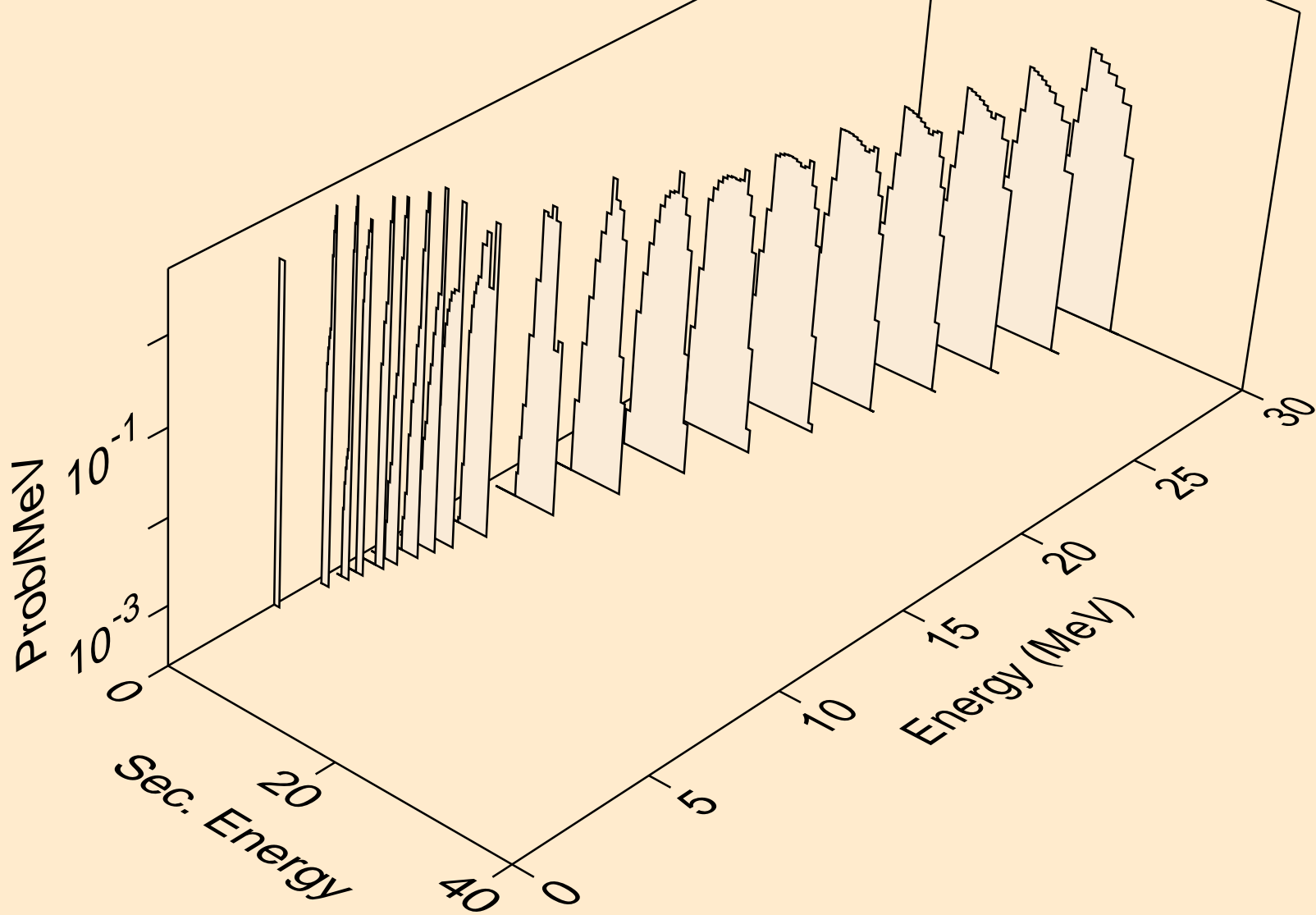
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



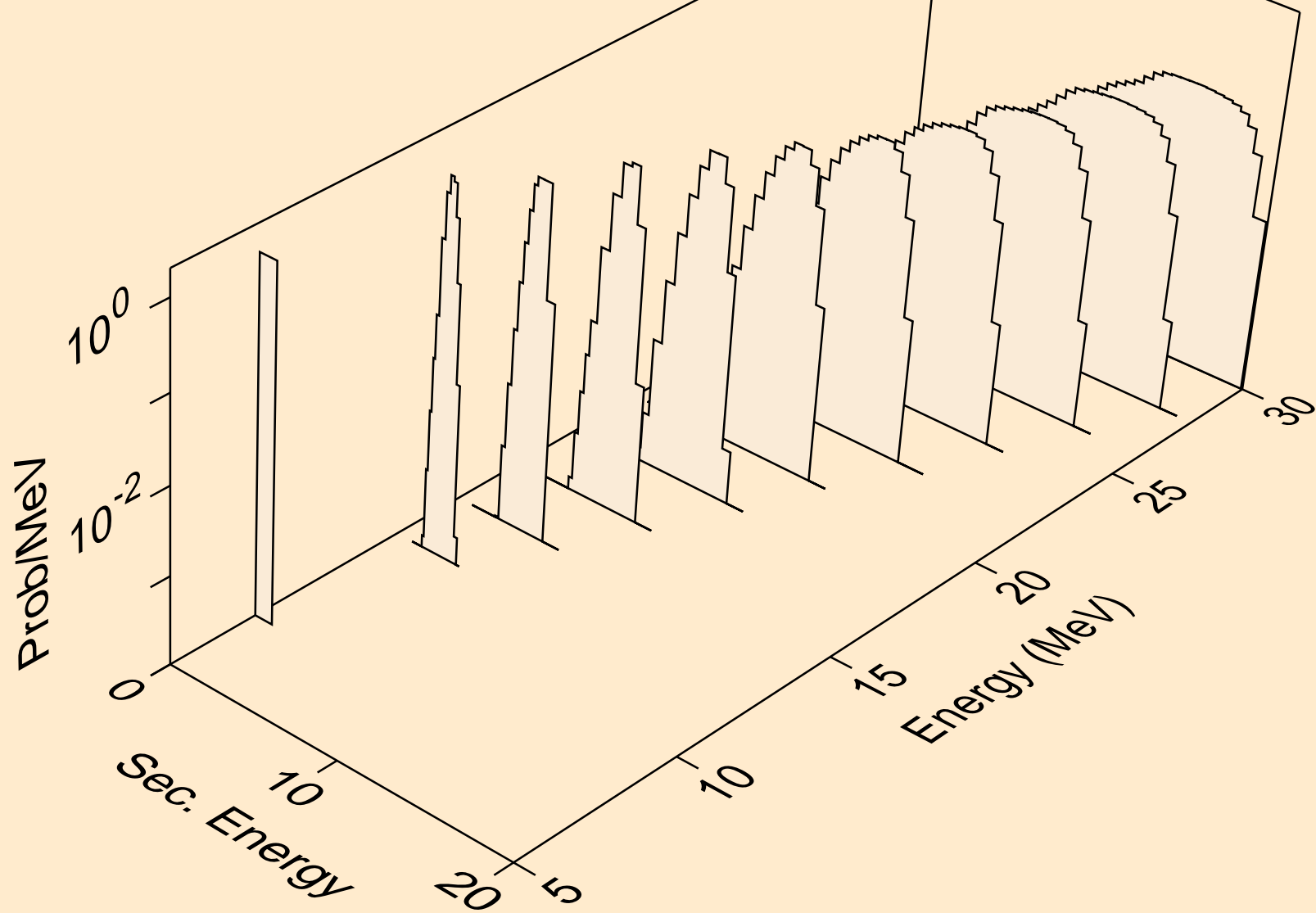
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



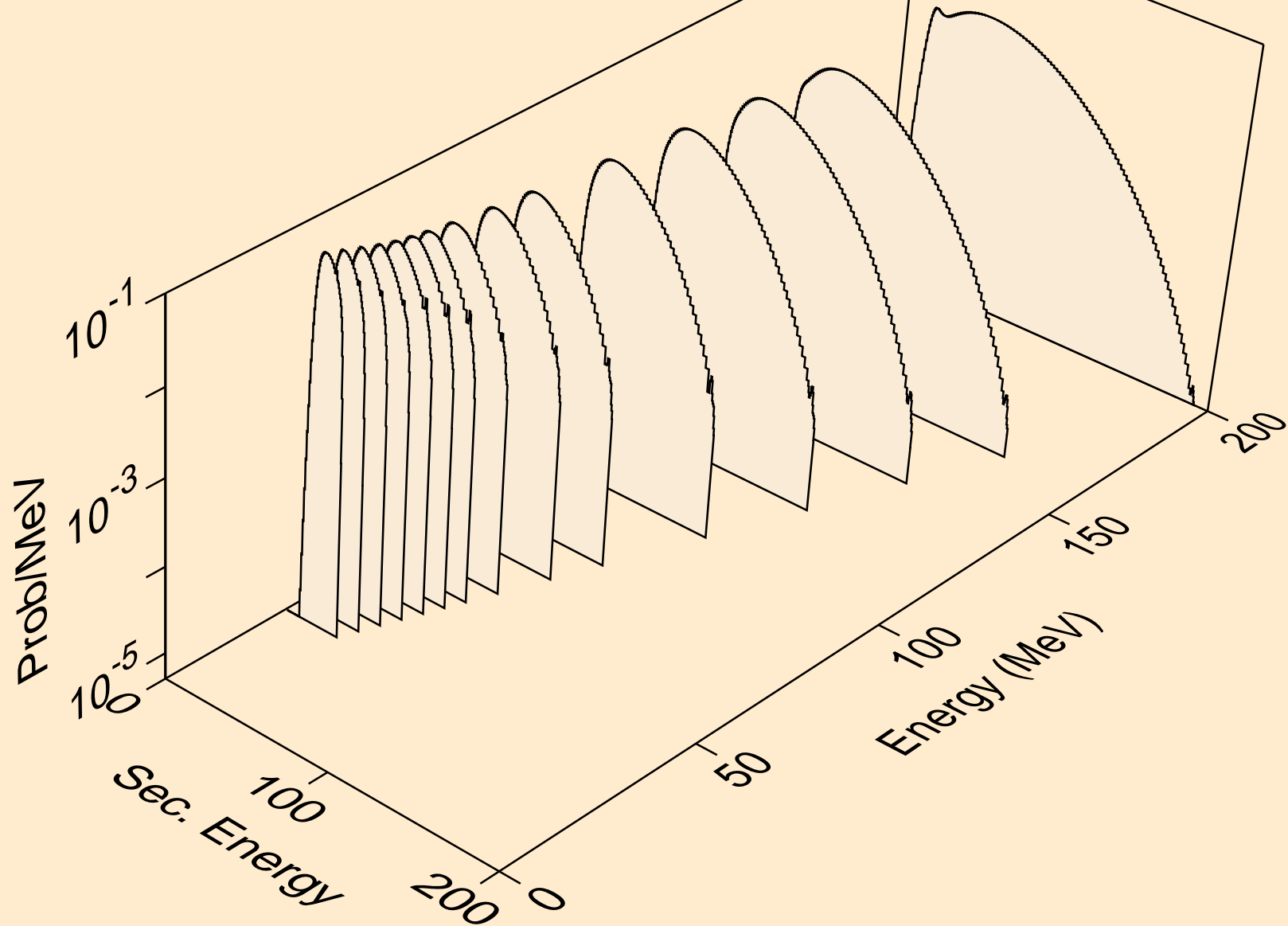
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tritons from (n,t)



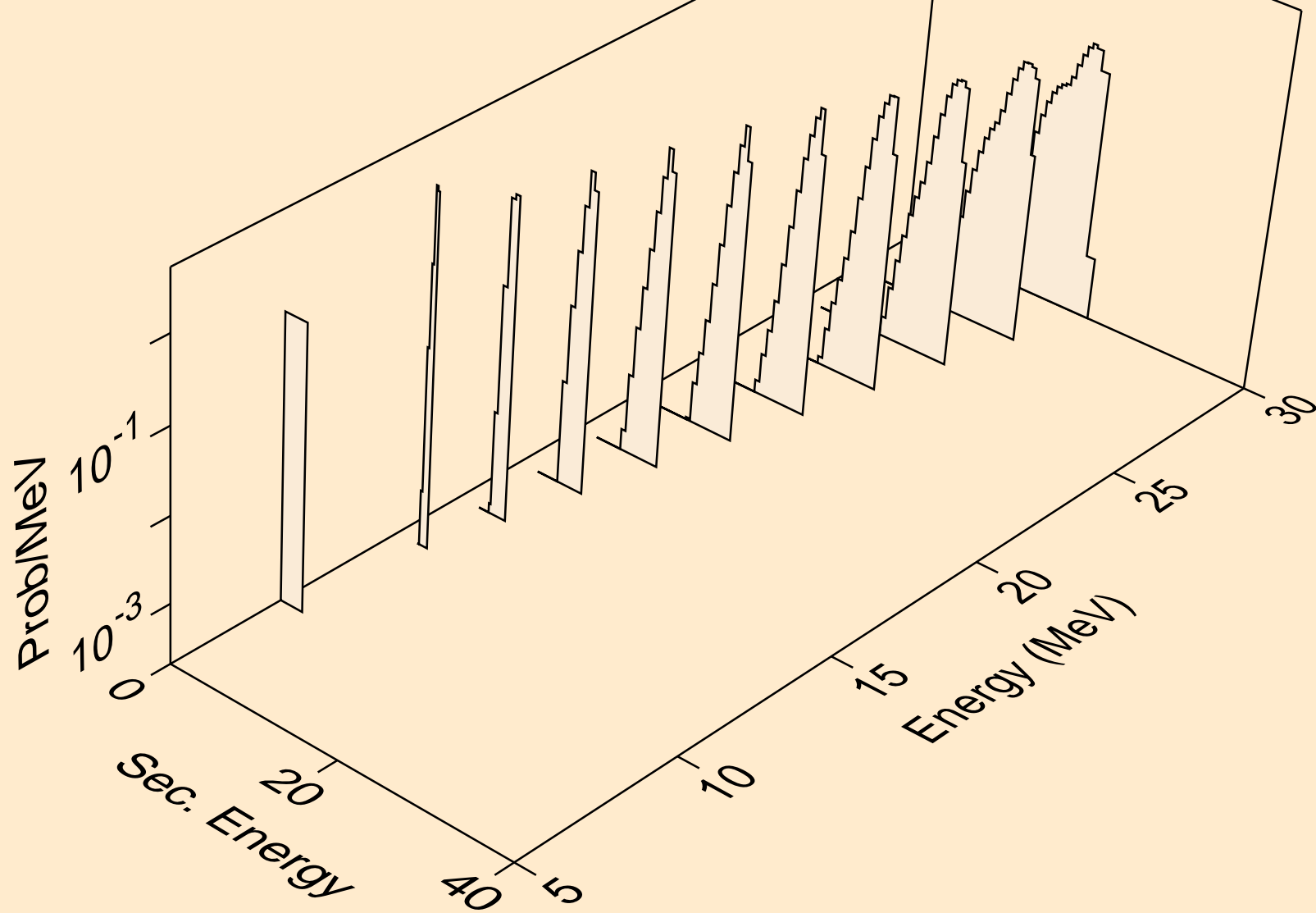
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tritons from (n,pt)



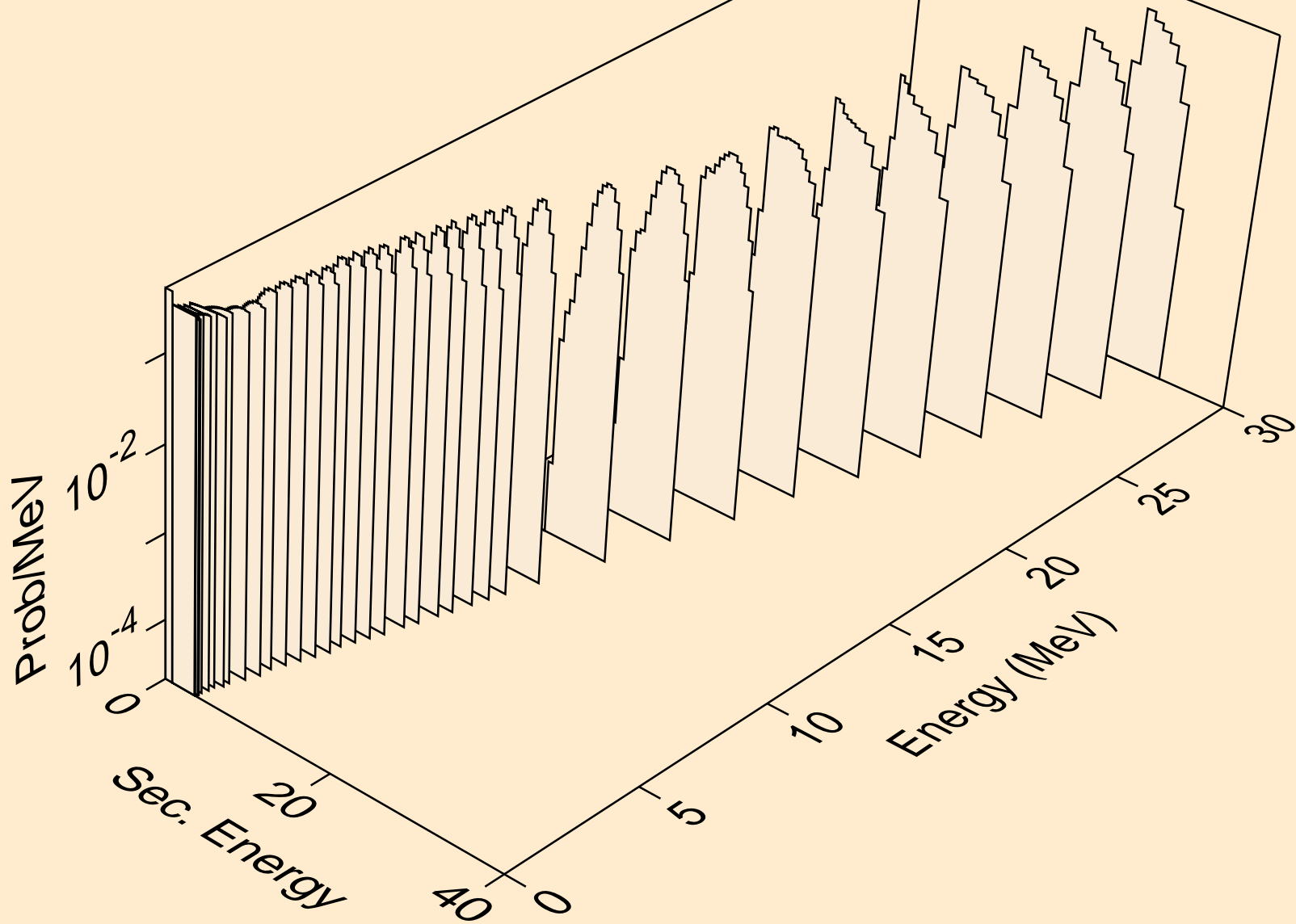
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



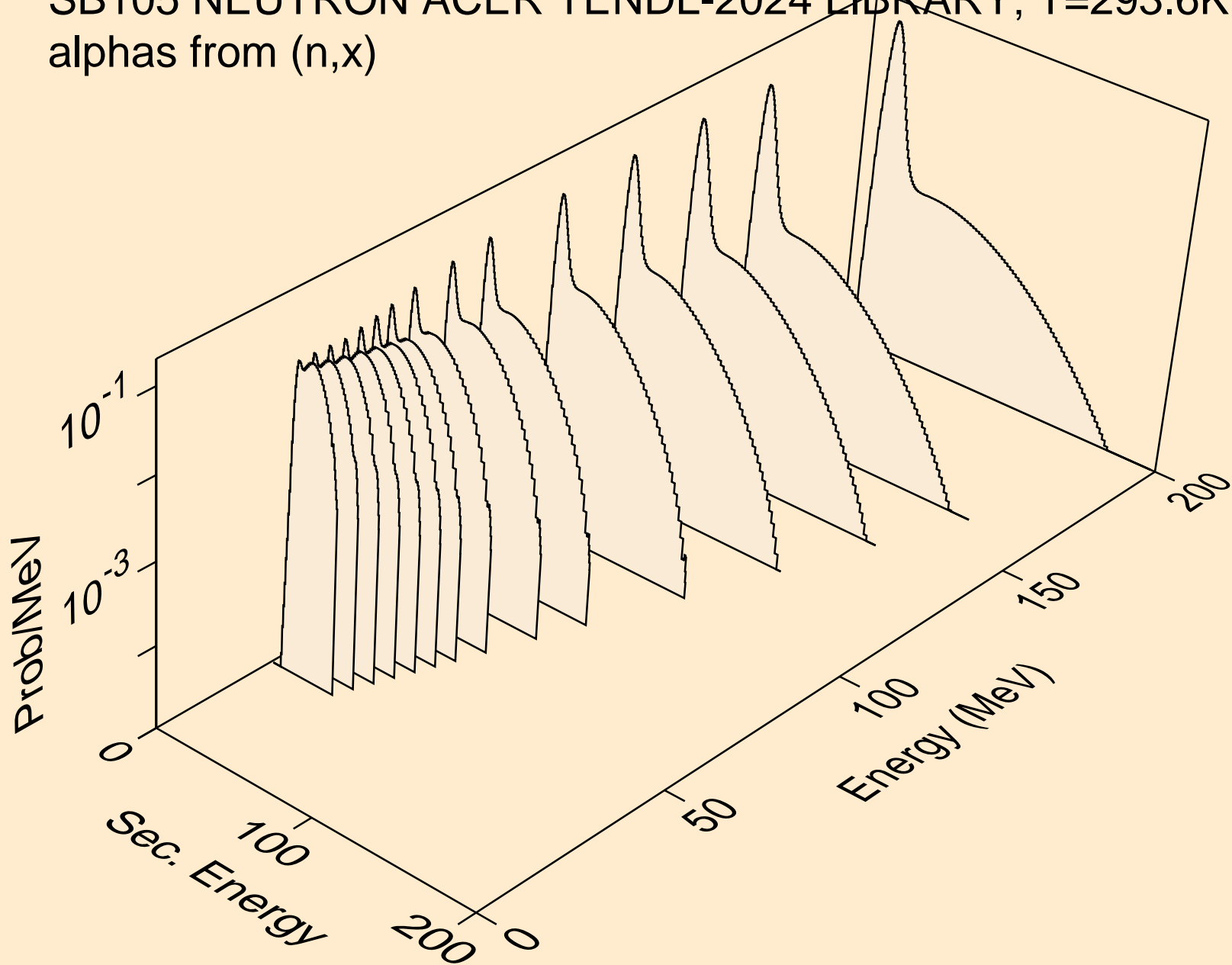
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



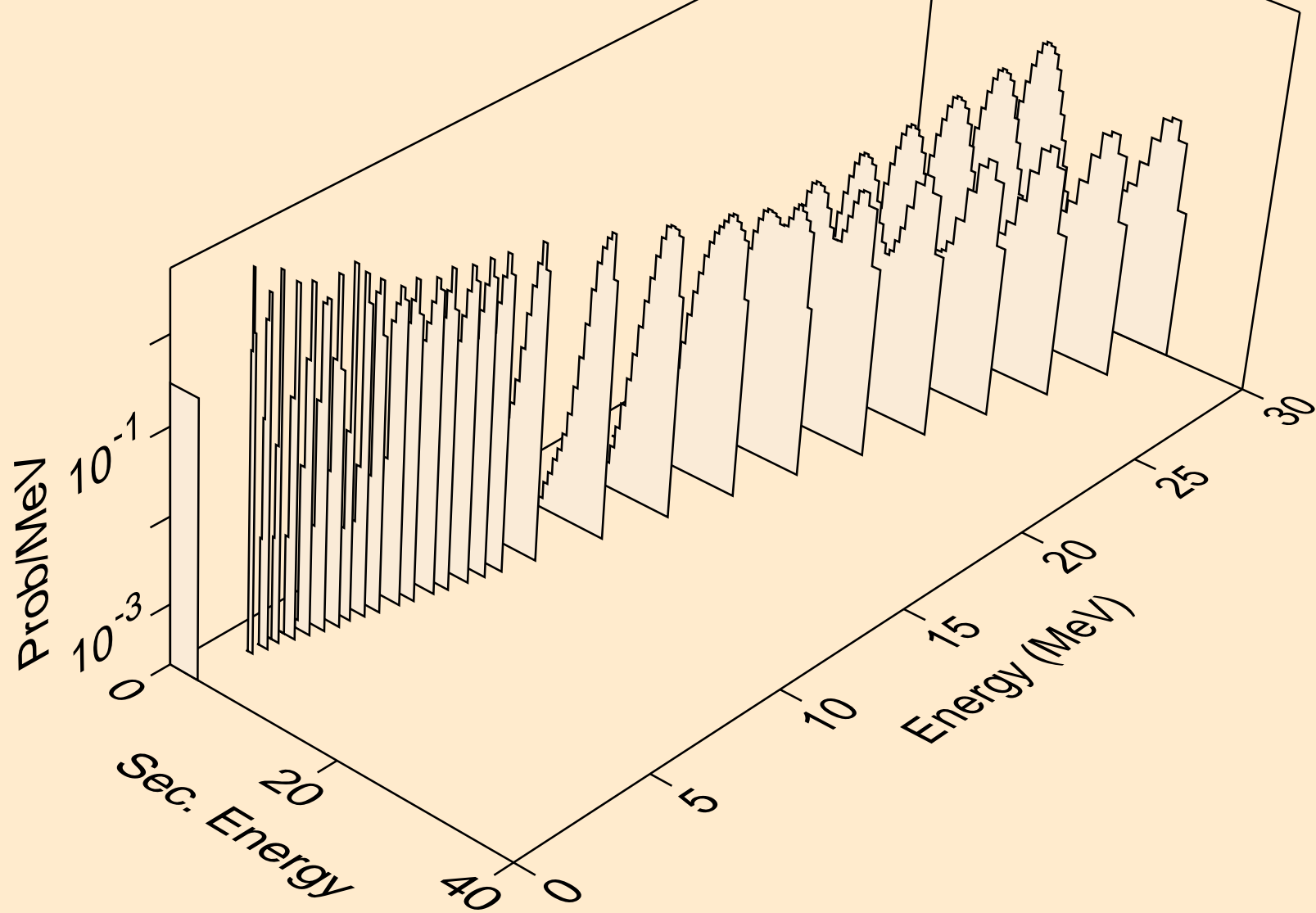
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he3s from (n,he3)



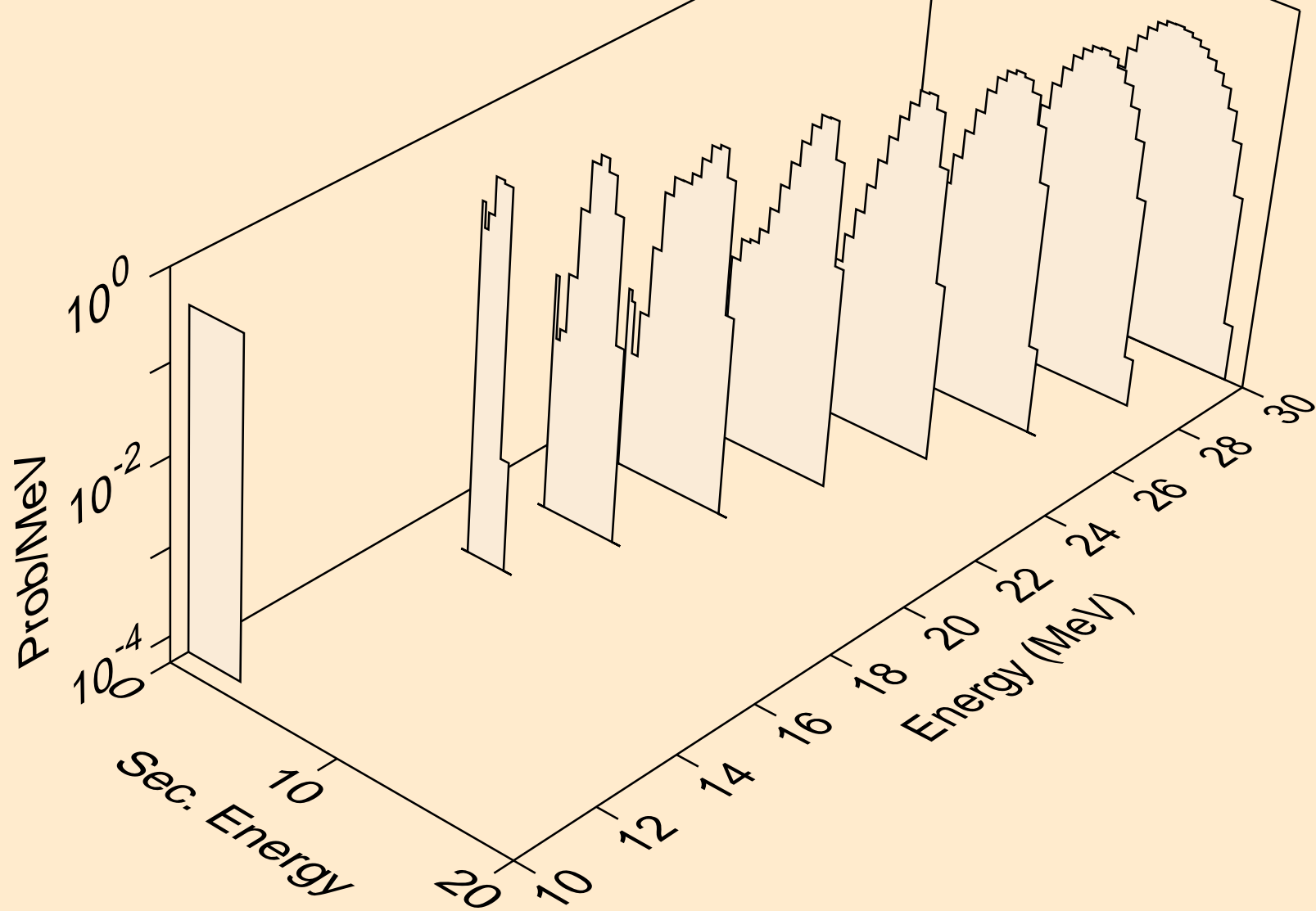
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



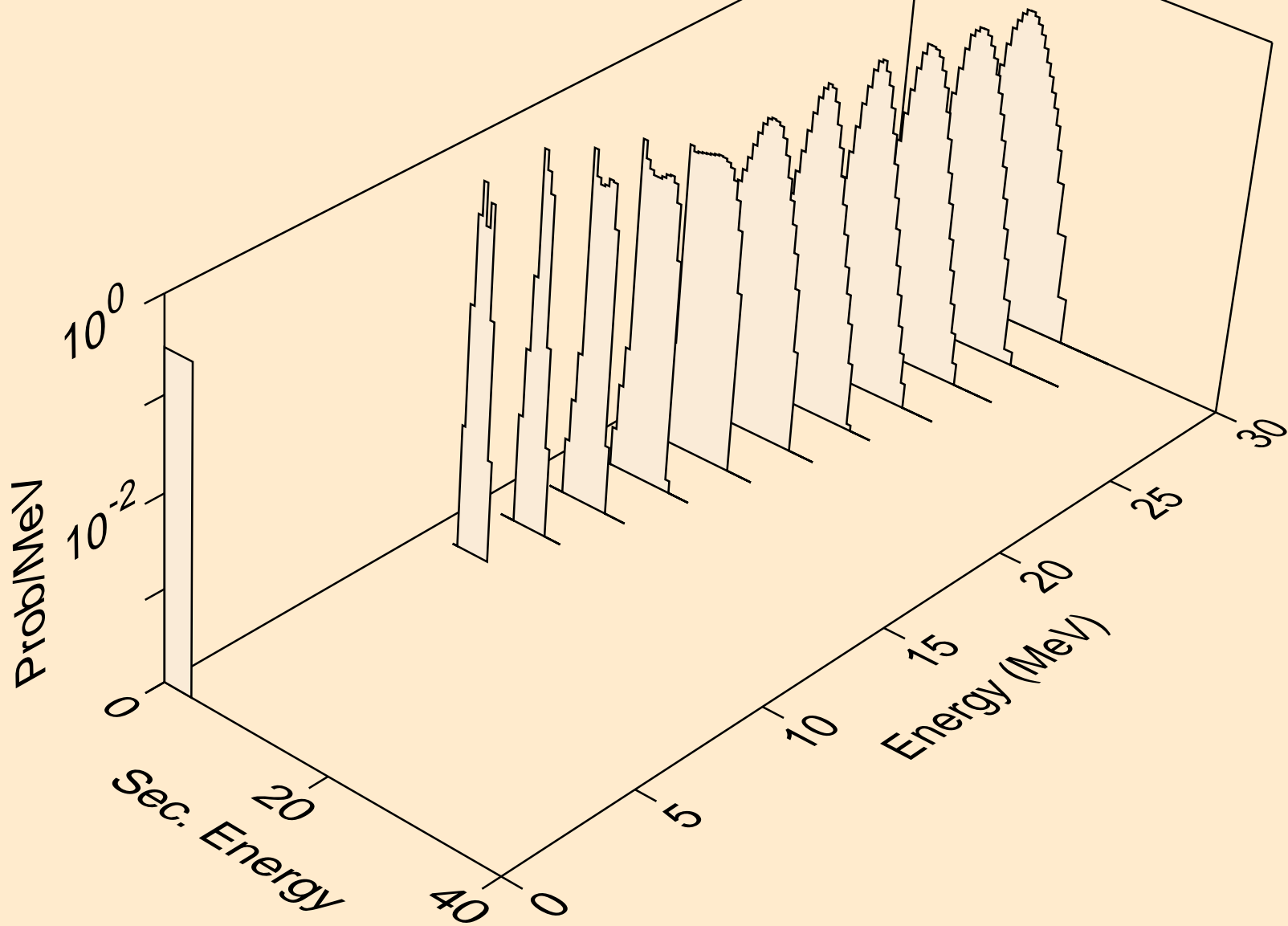
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alphas from (n,n\*)a



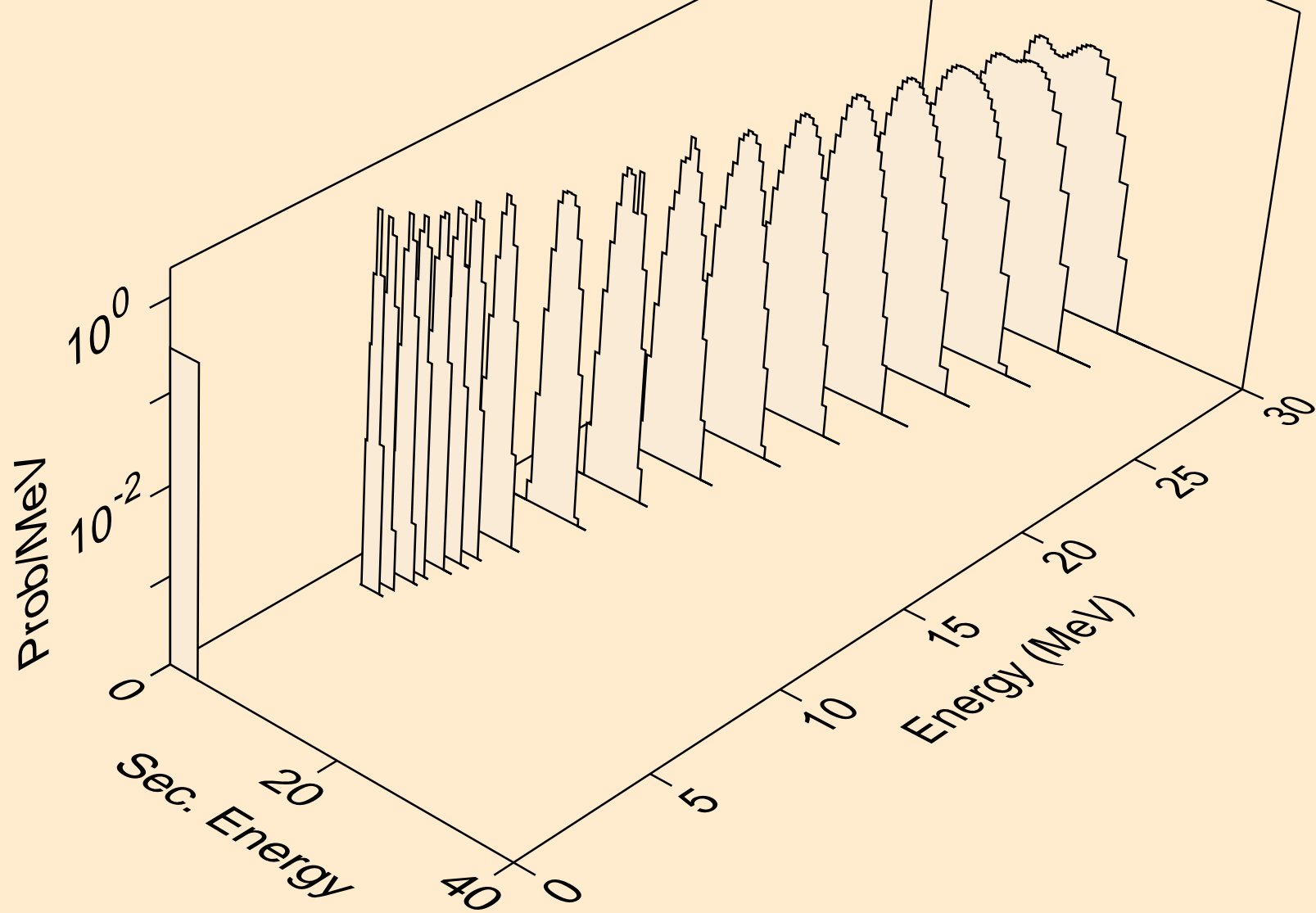
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



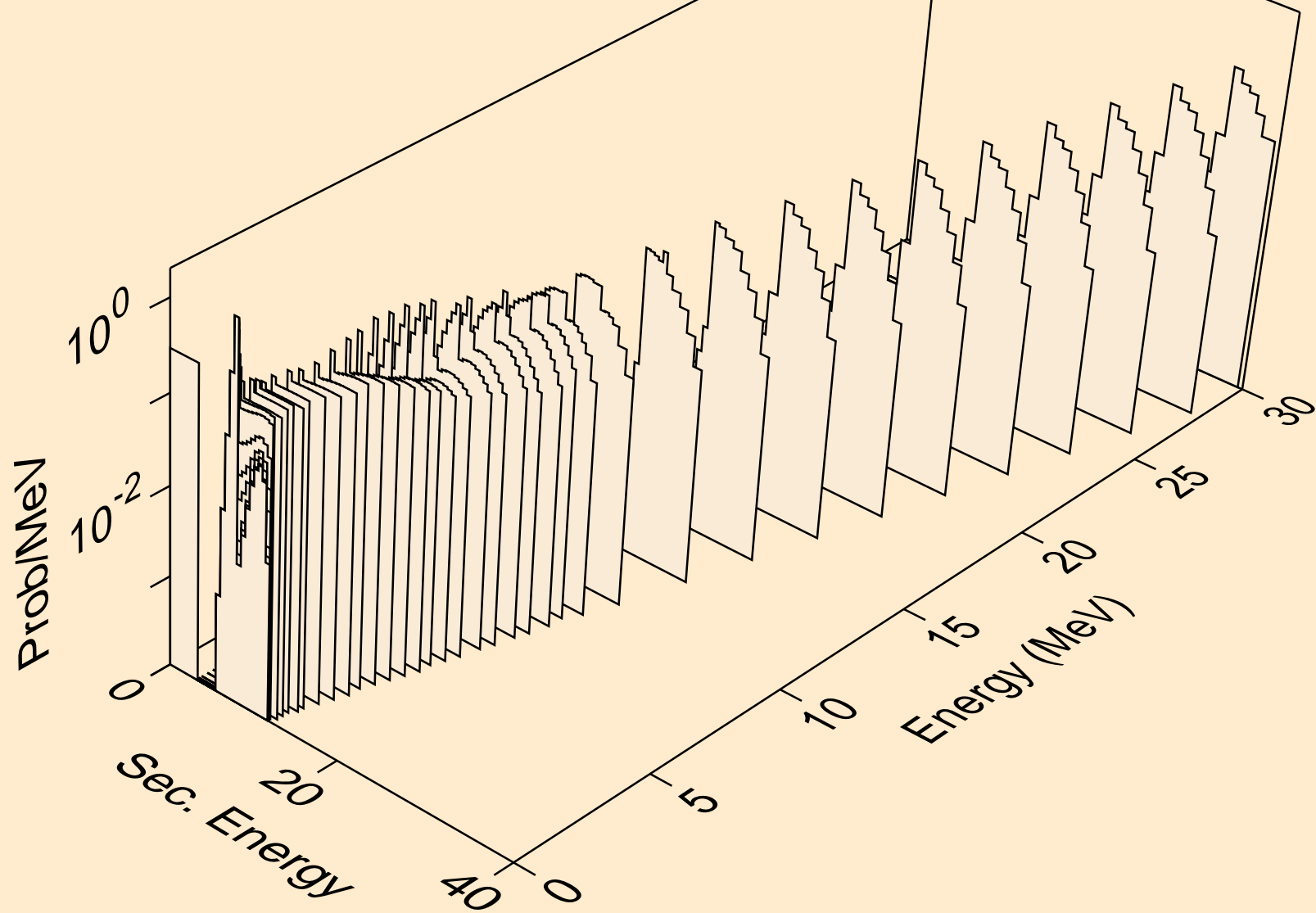
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alphas from (n,n\*)2a



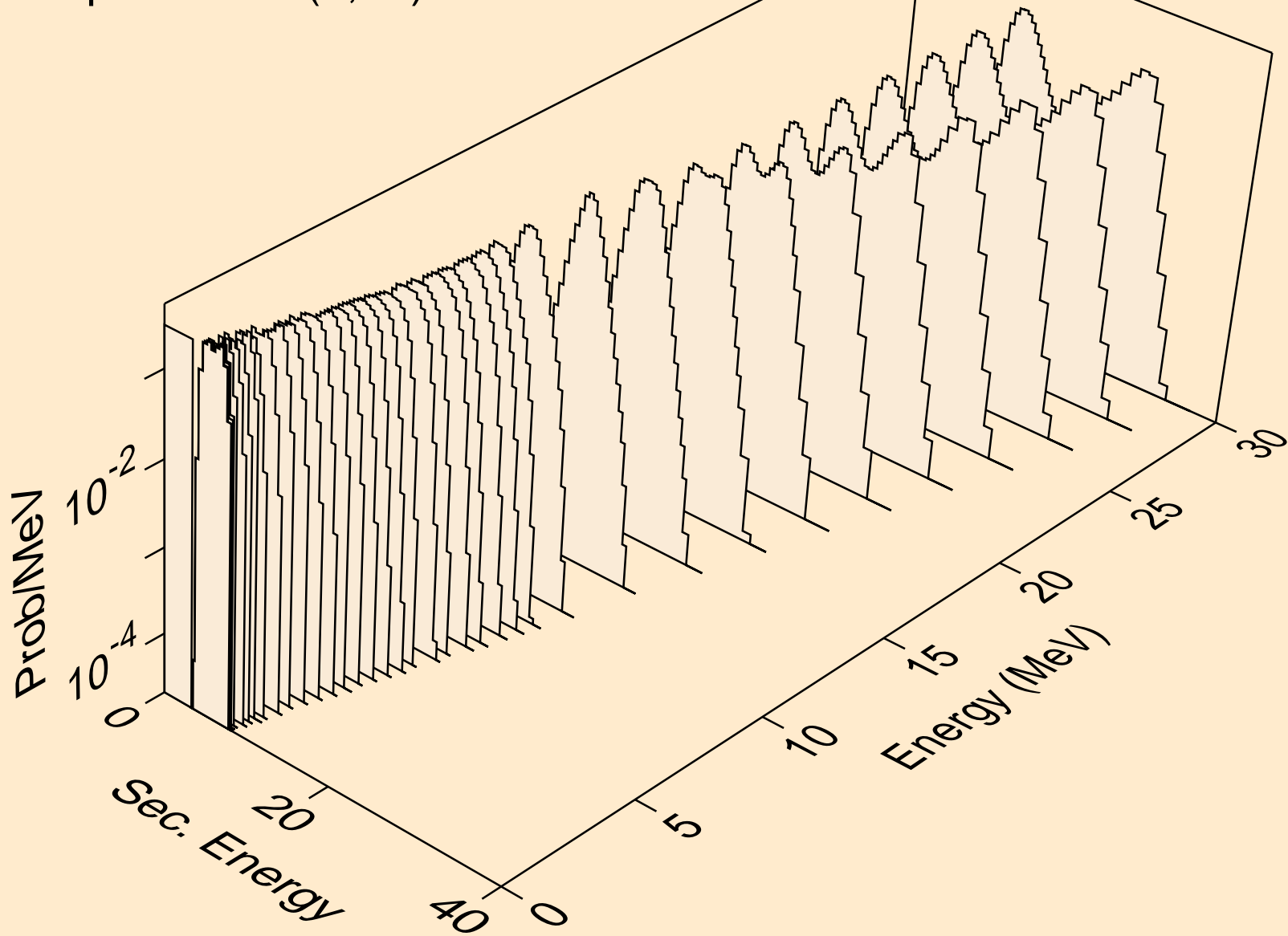
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alphas from (n,npa)



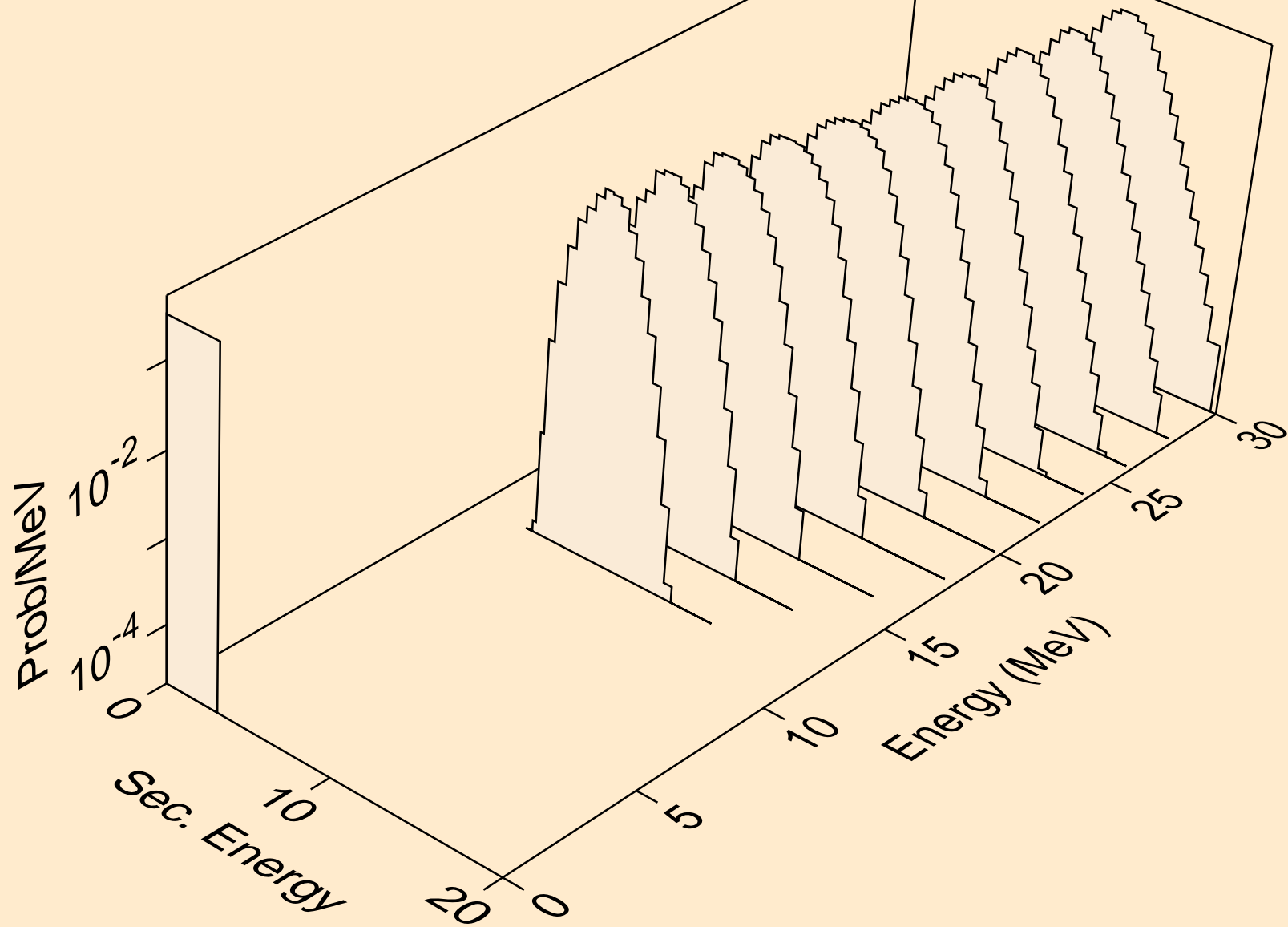
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alphas from (n,a)



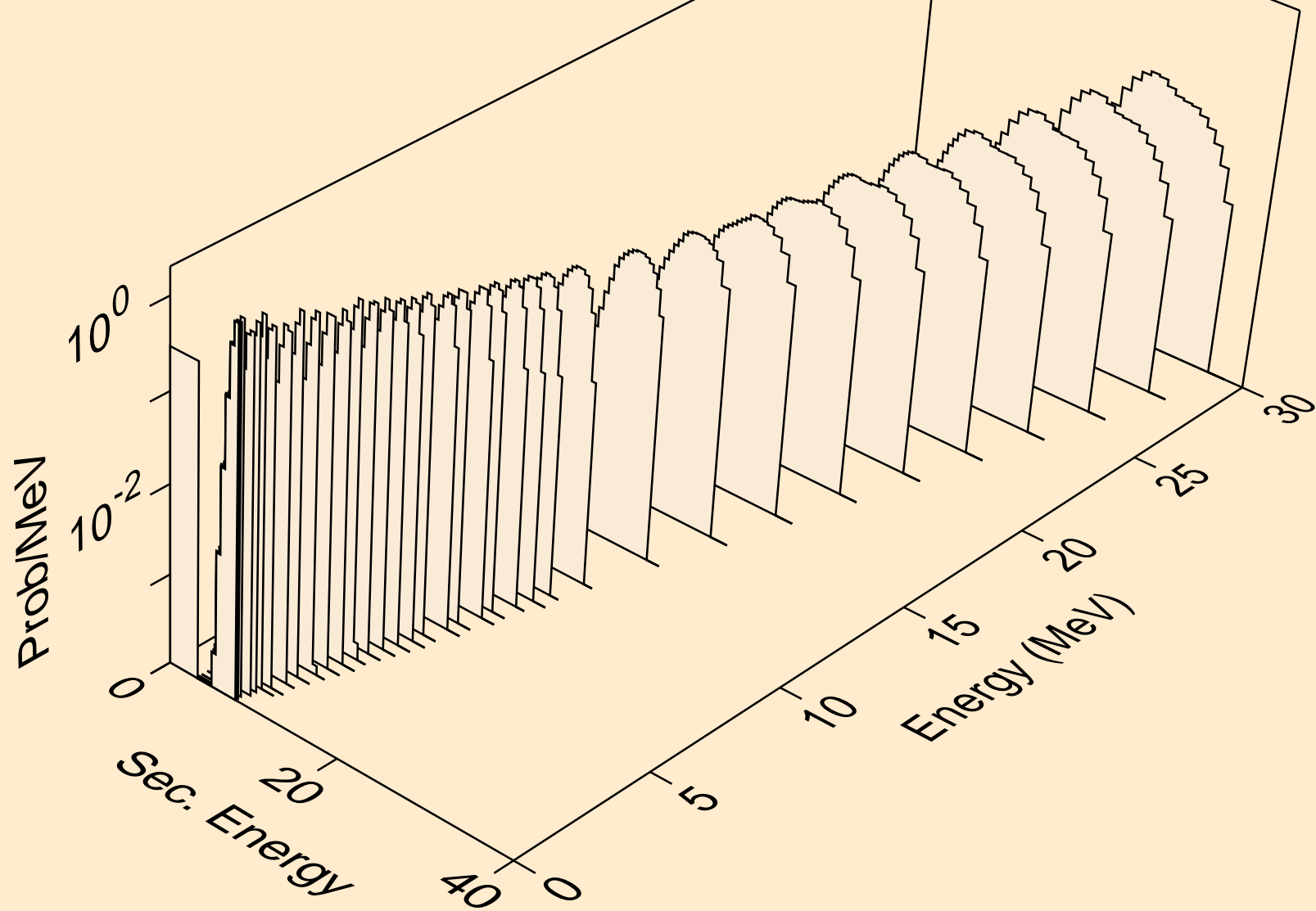
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alphas from (n,2a)



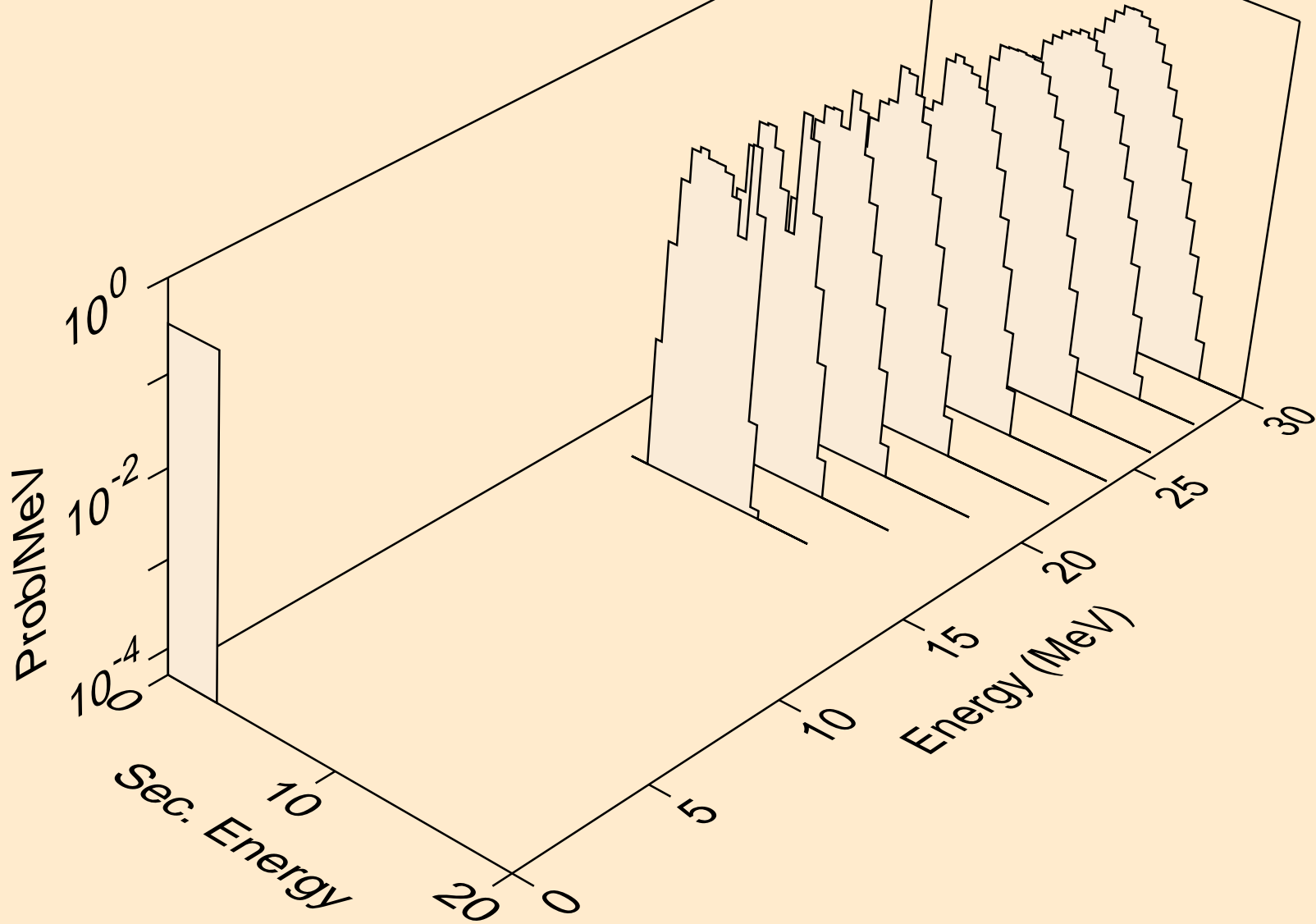
SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



SB105 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

