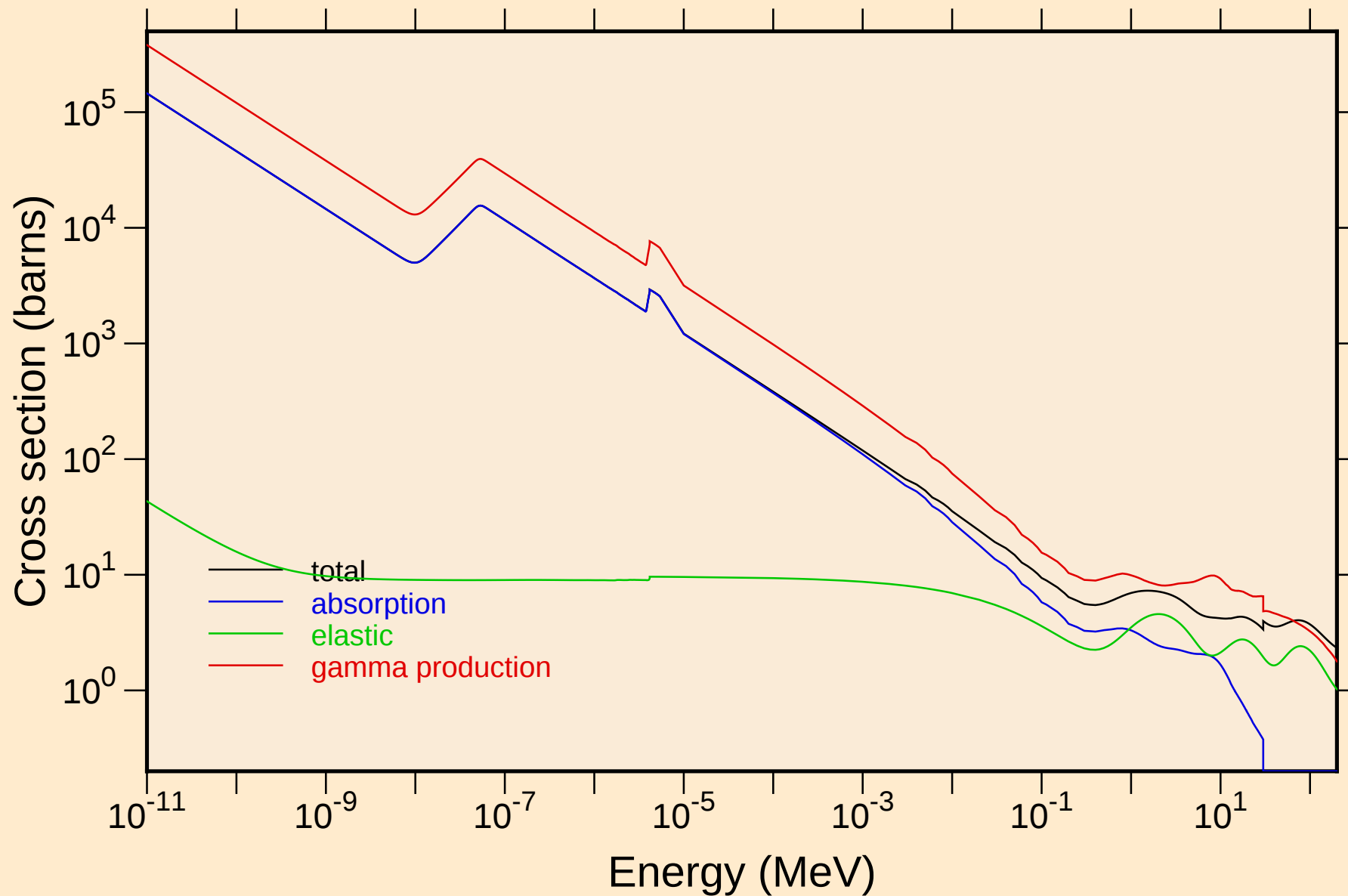


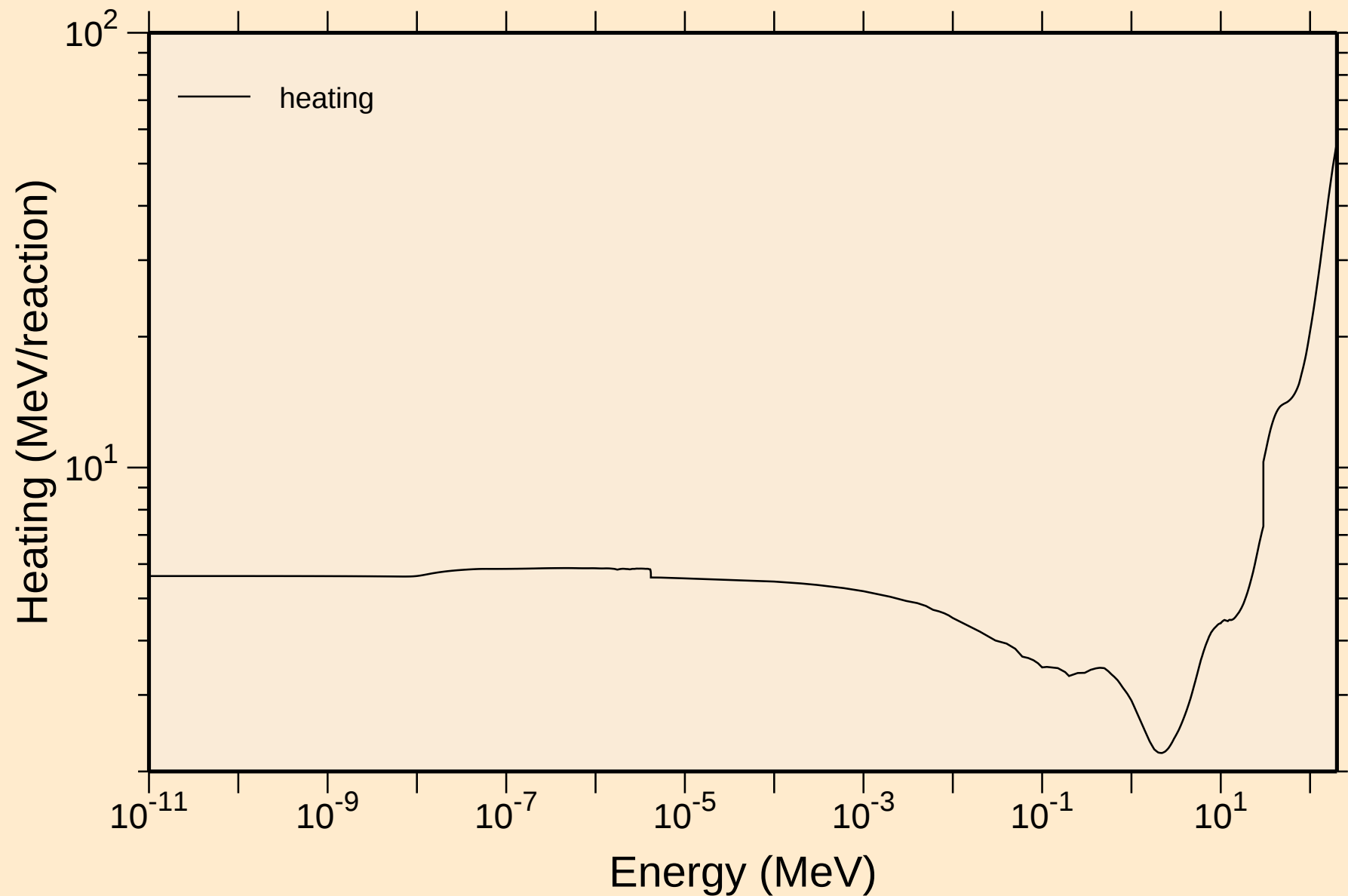
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



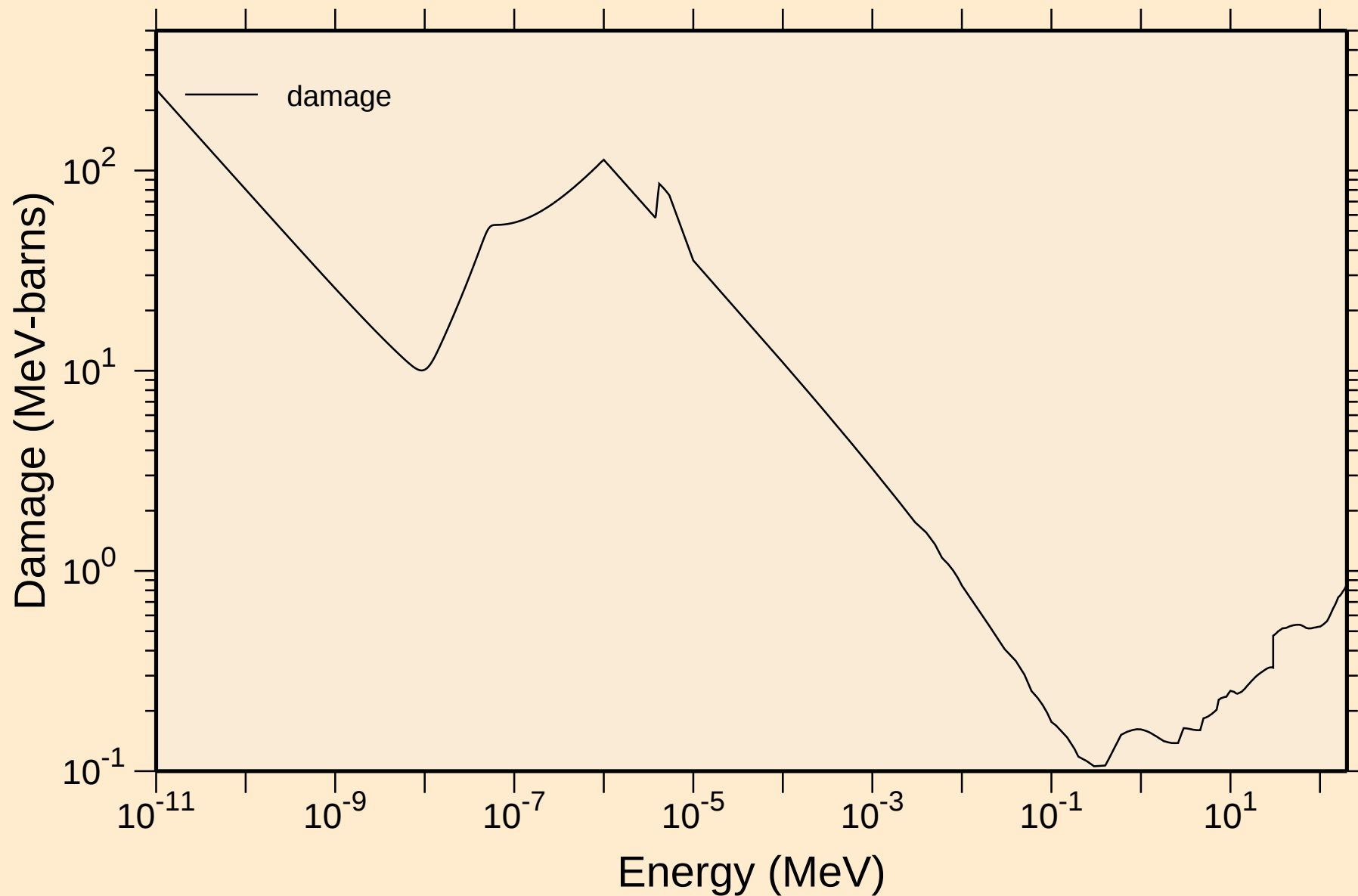
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

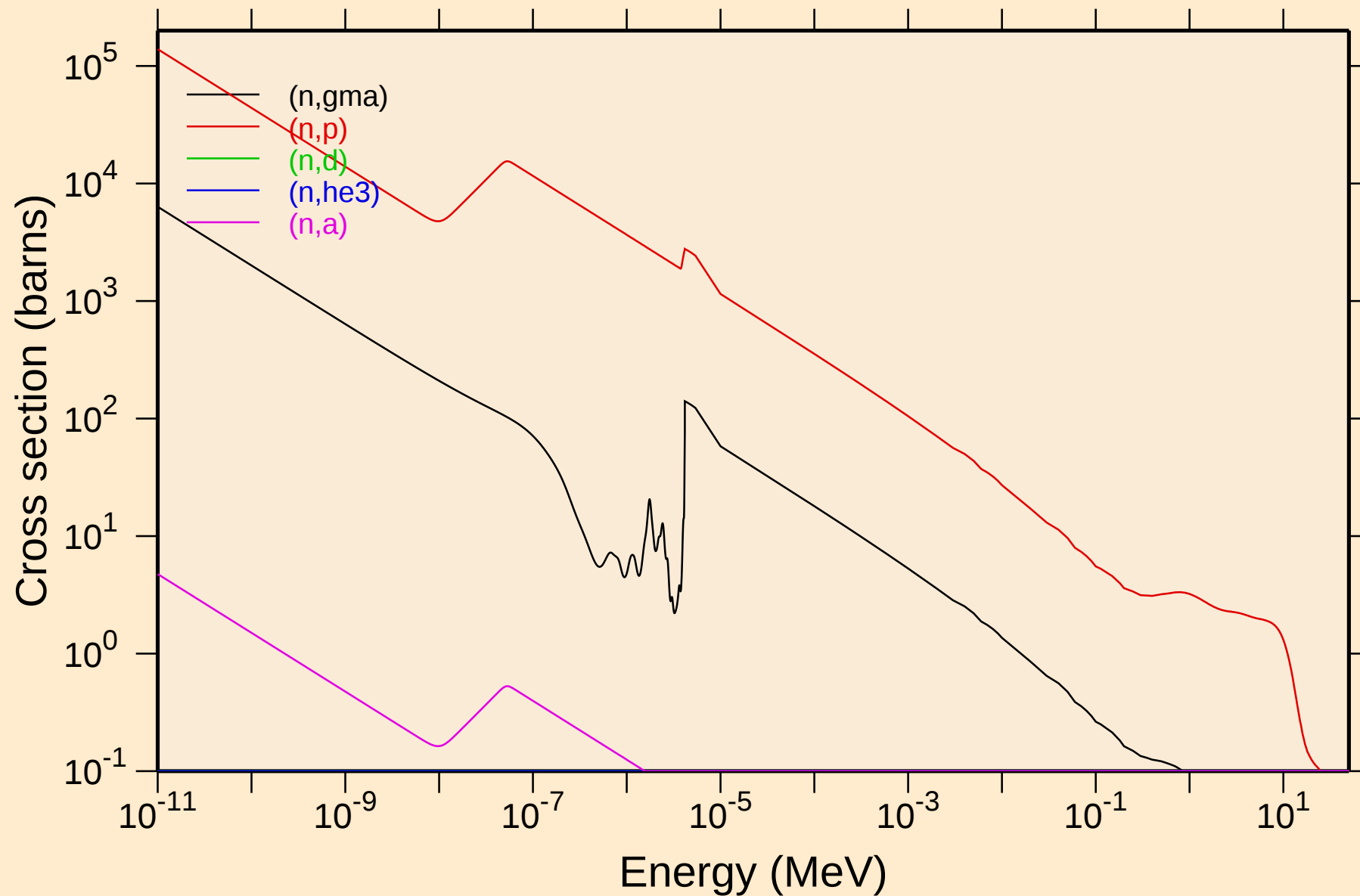


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

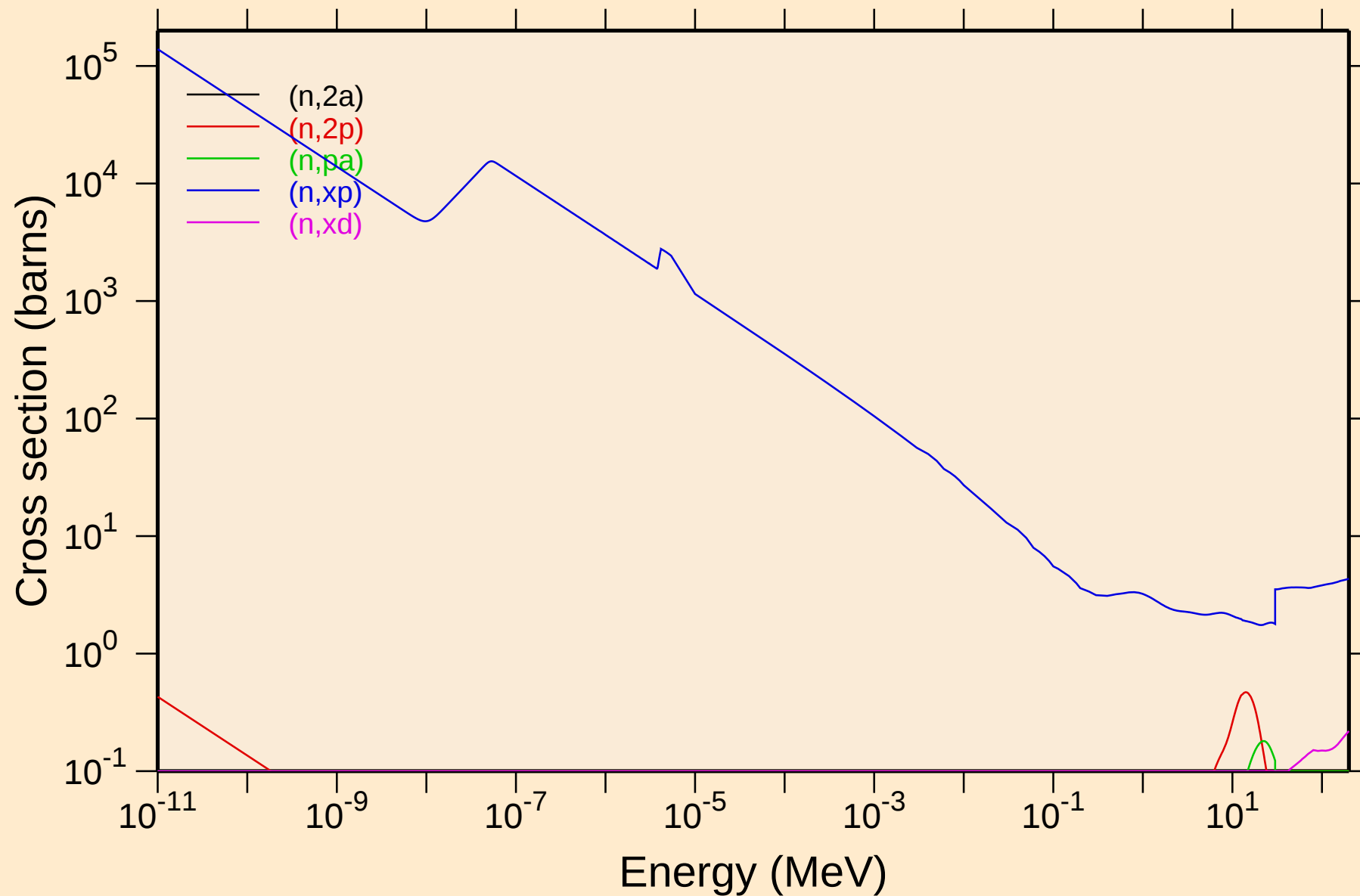
## Damage



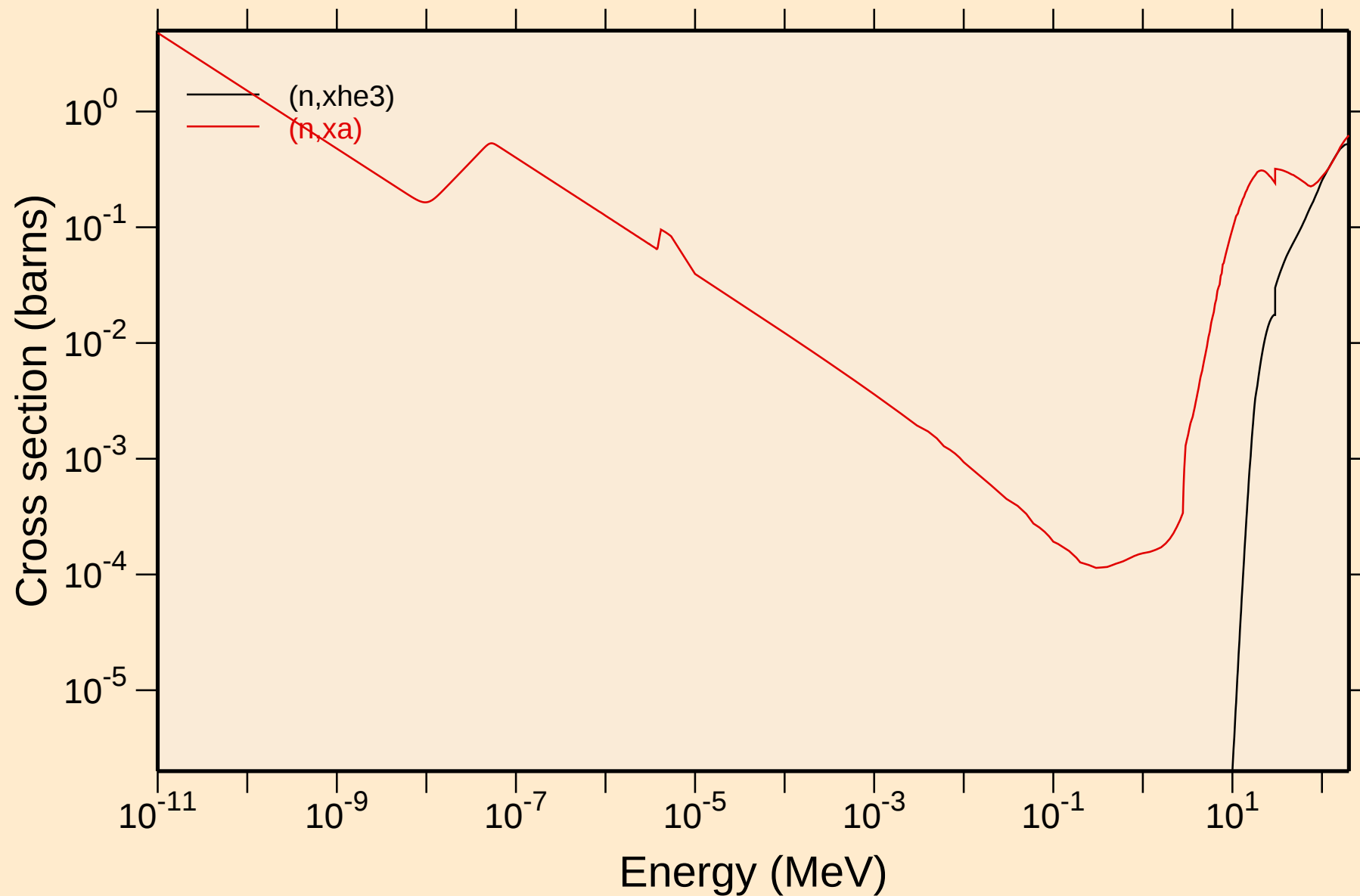
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

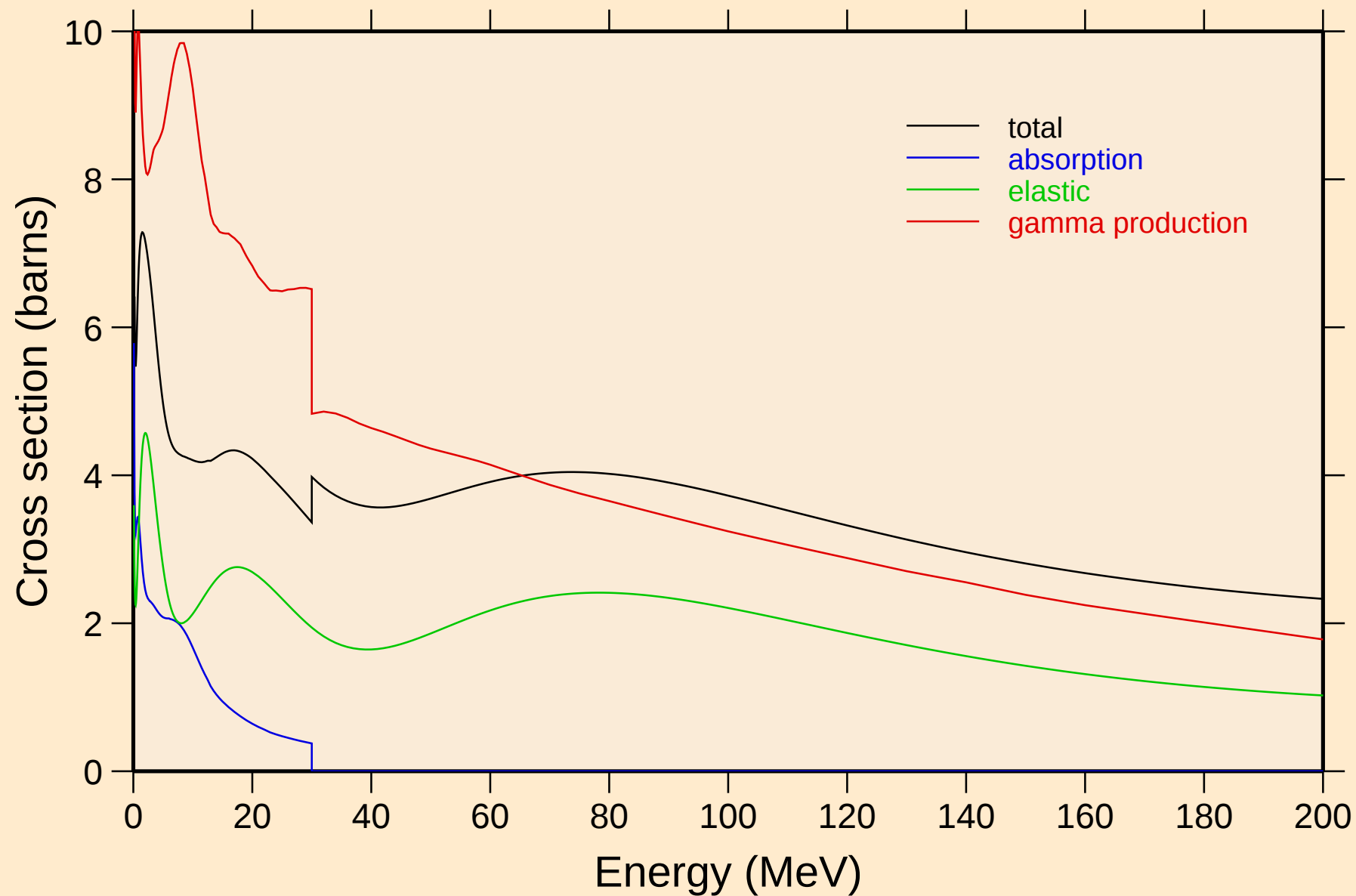


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



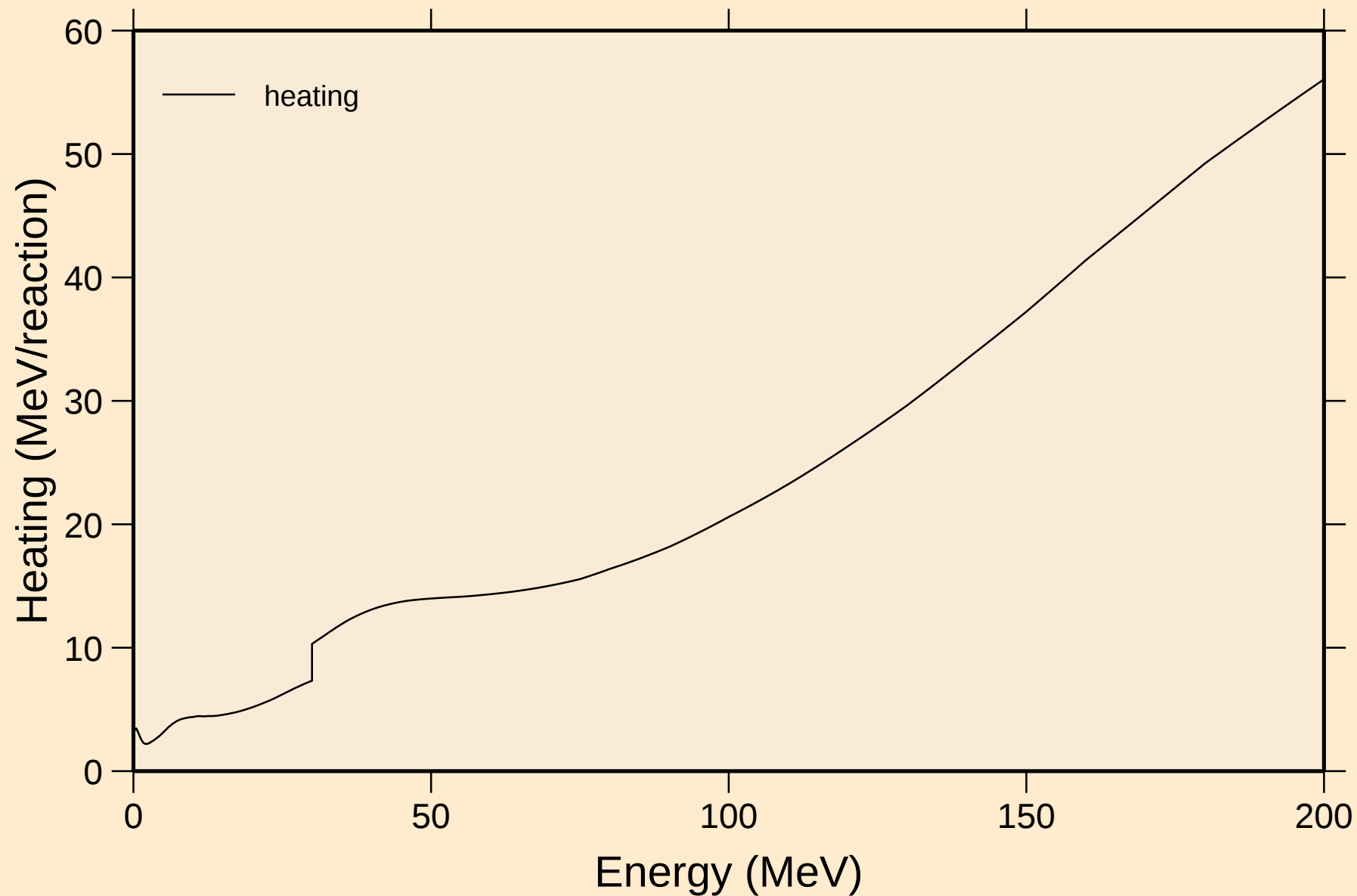
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



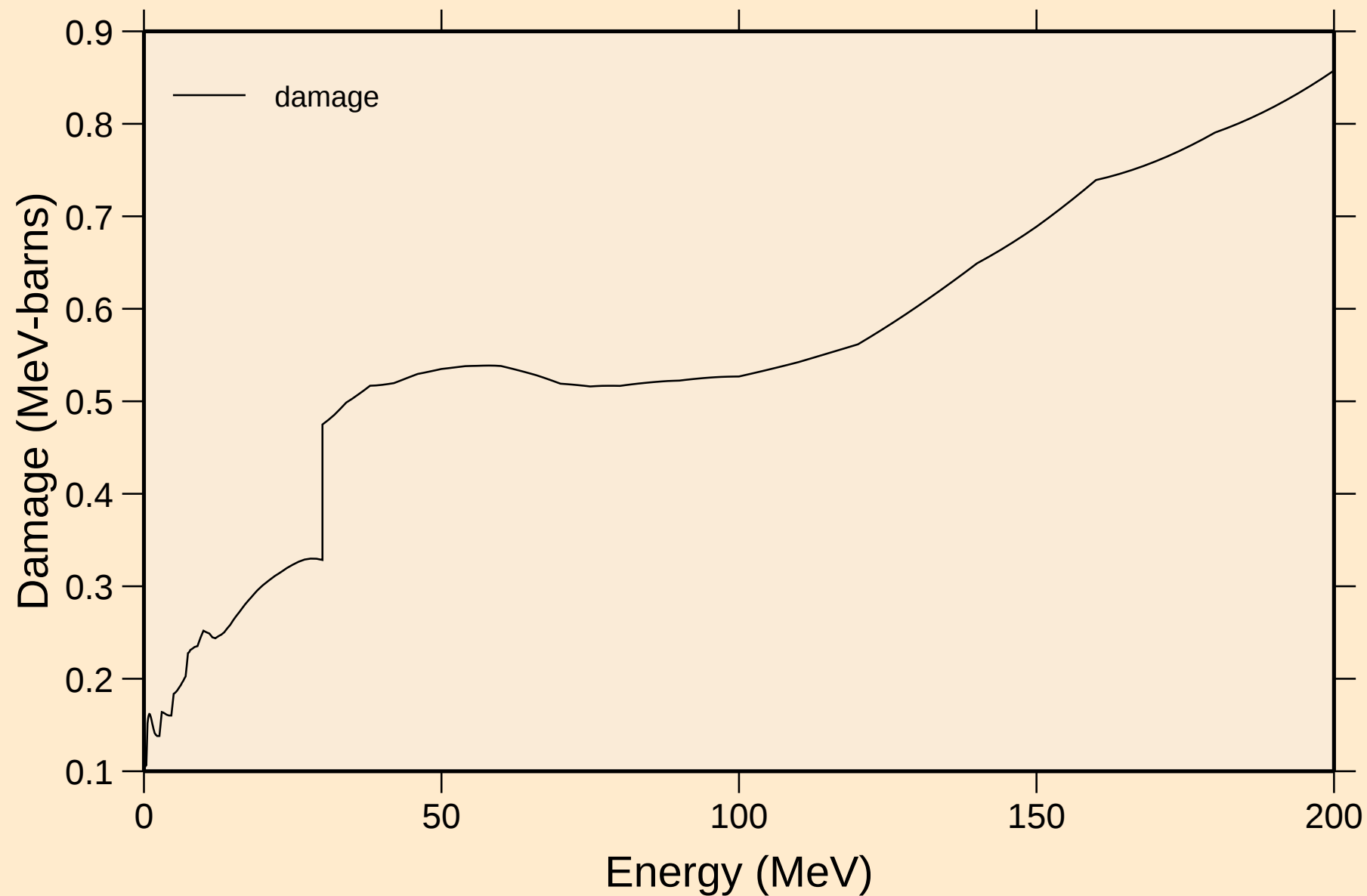
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating



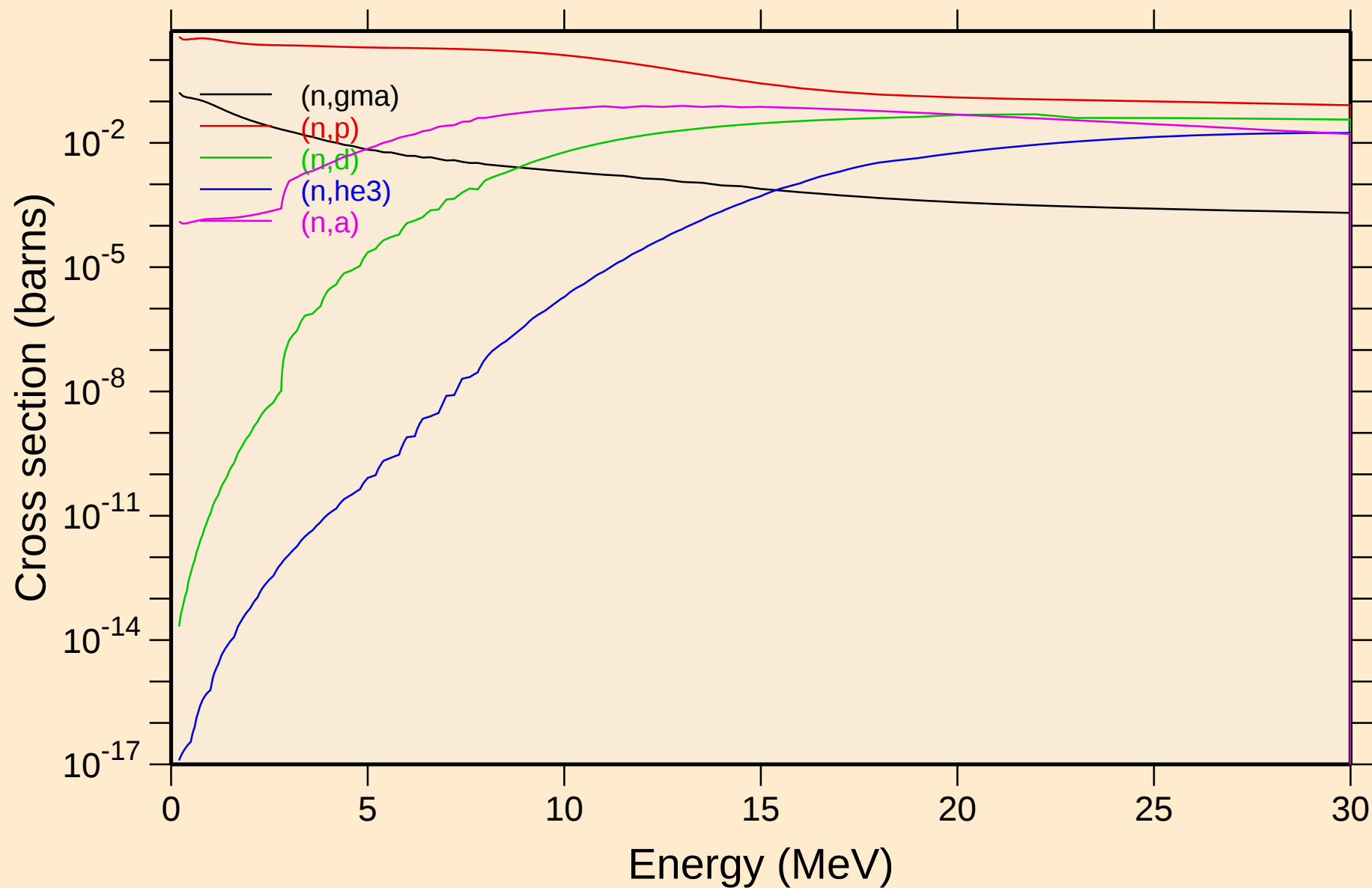
# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

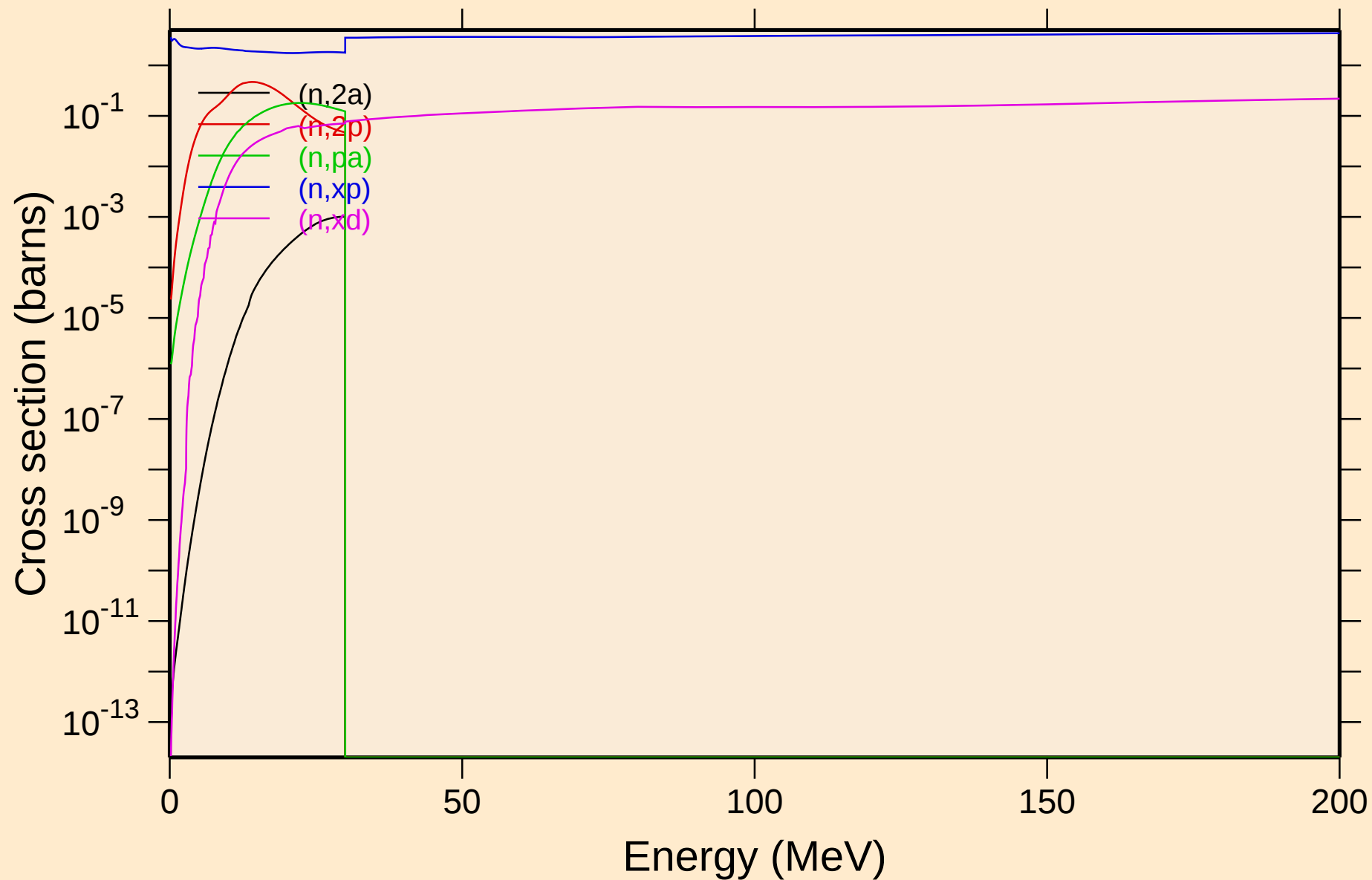


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

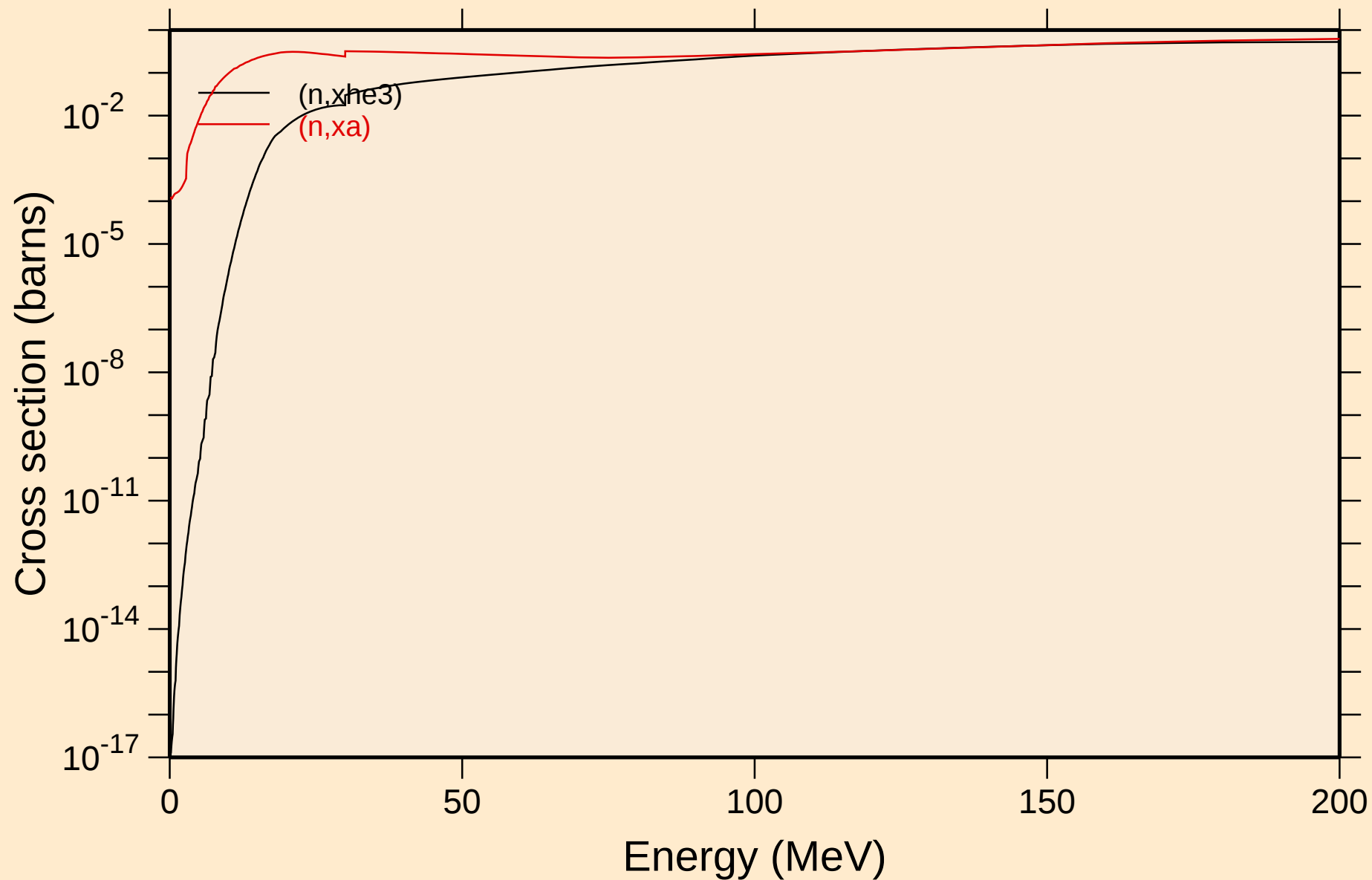
## Non-threshold reactions



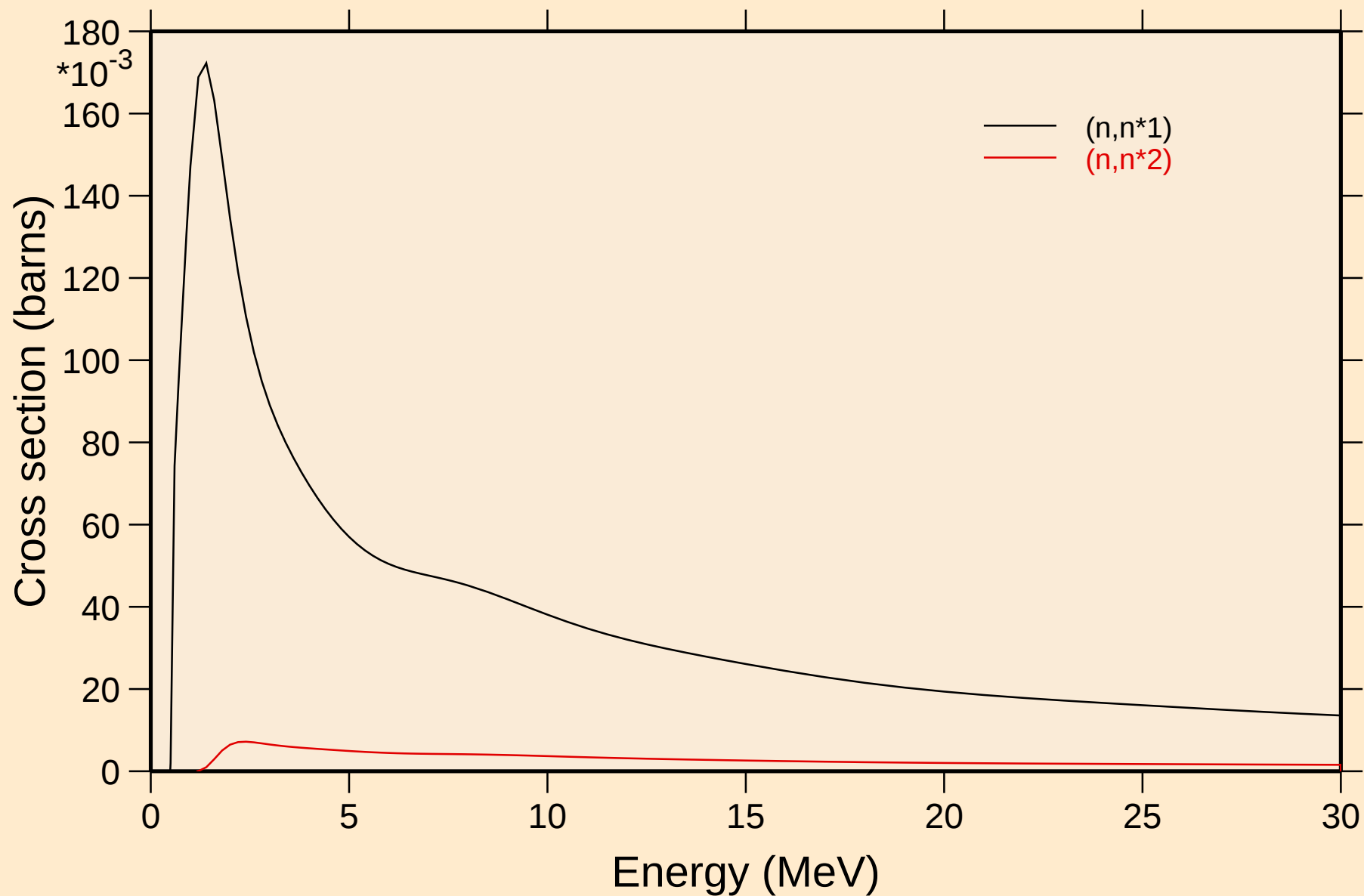
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



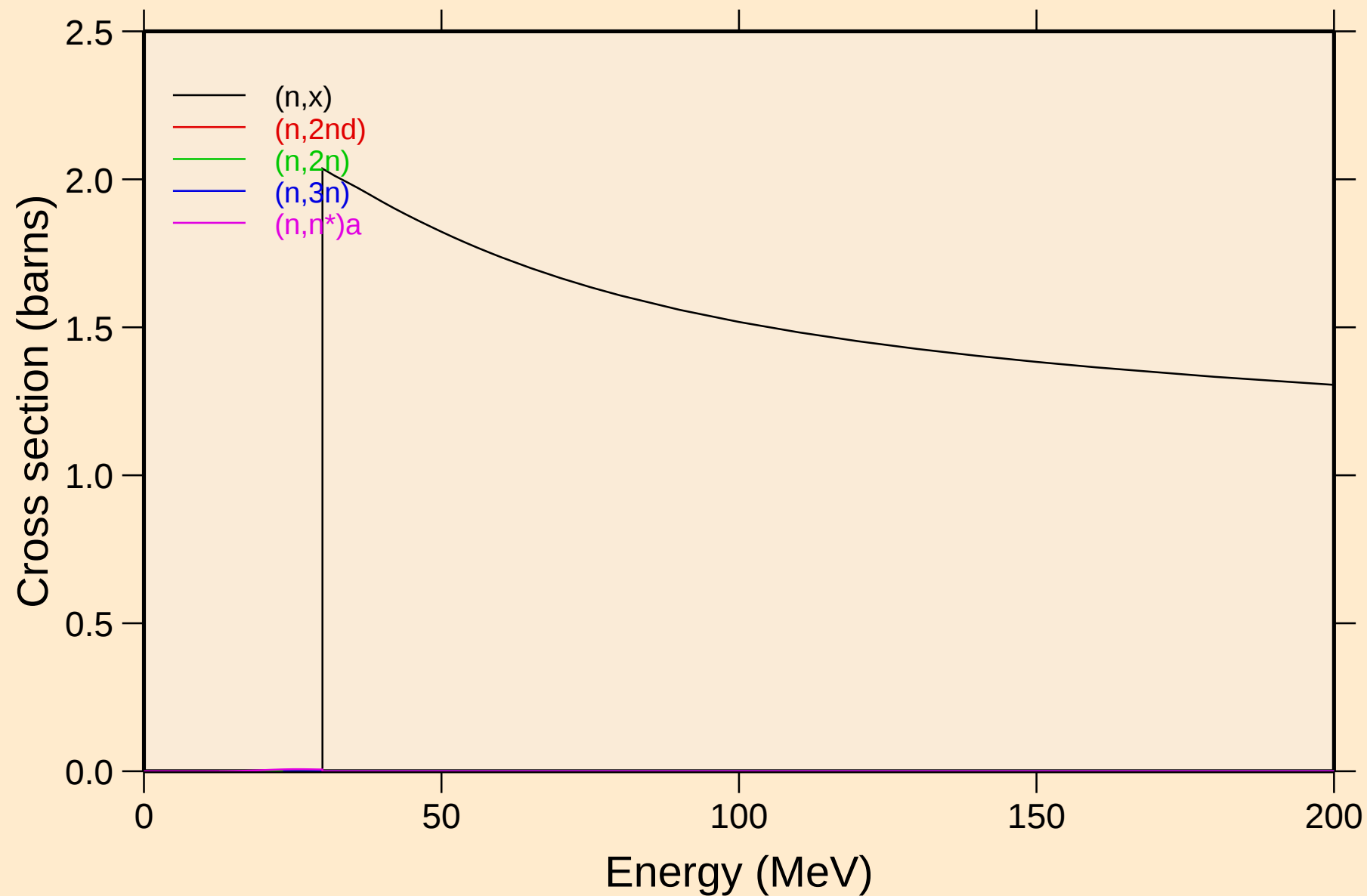
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



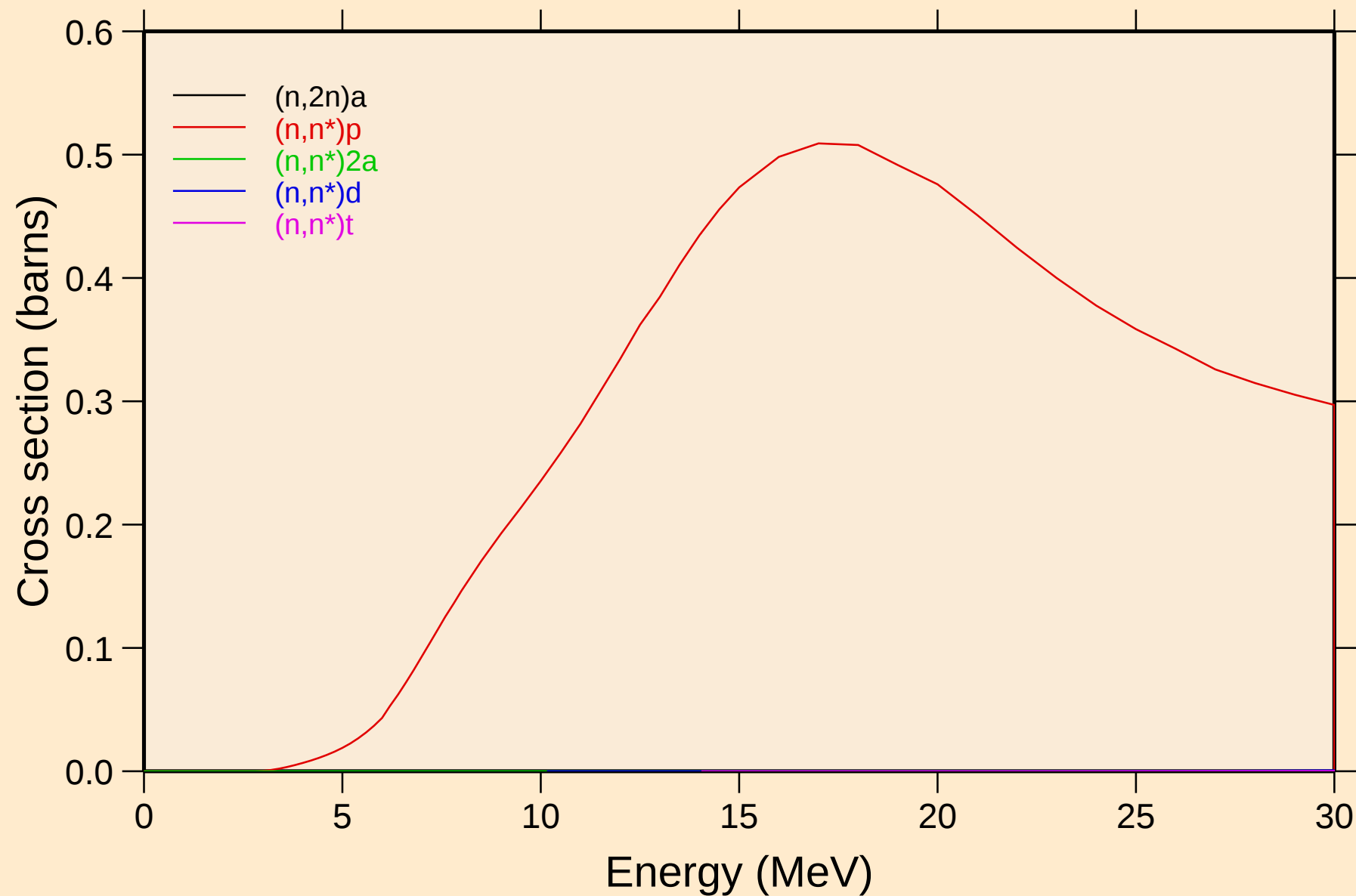
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



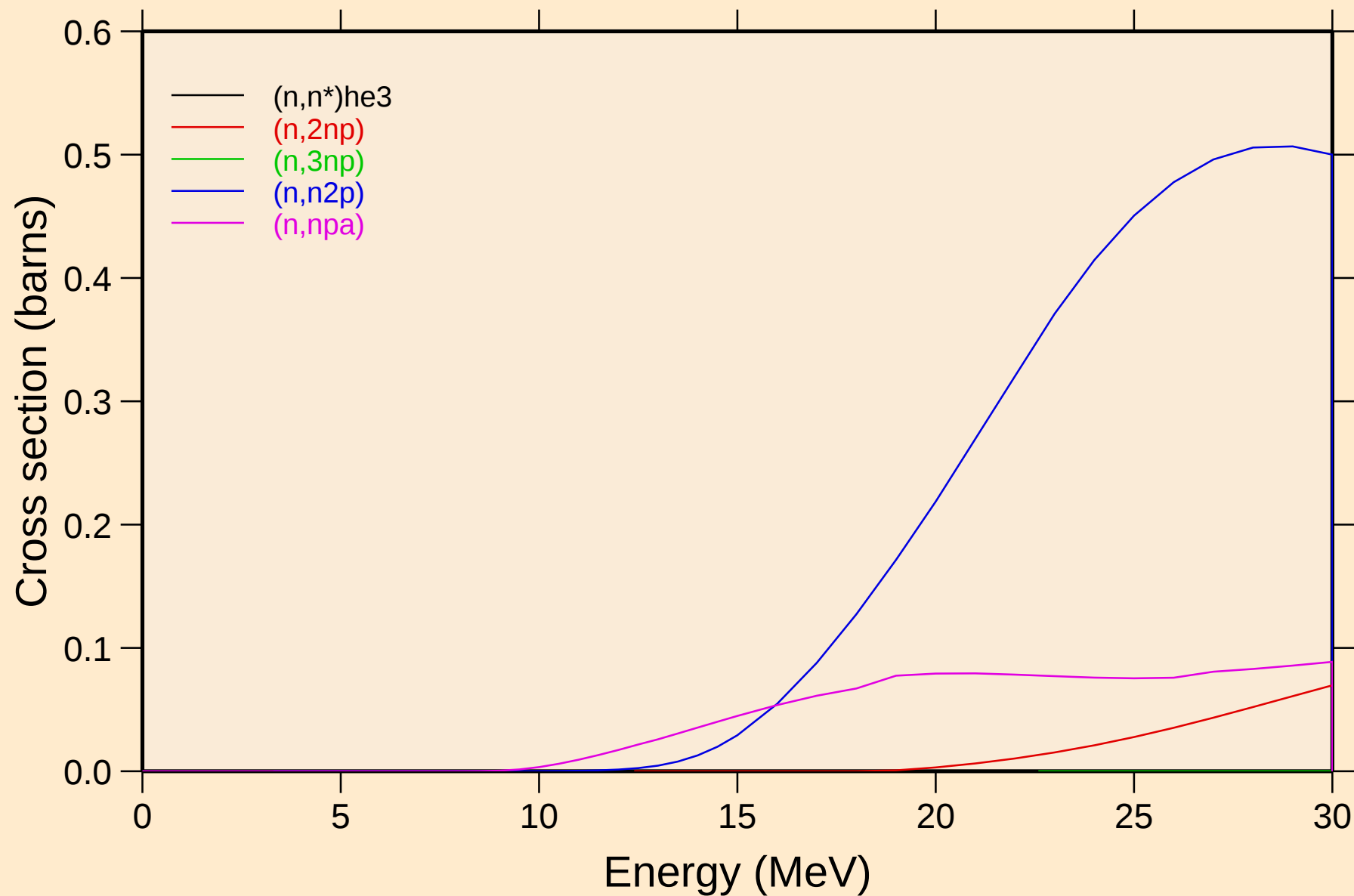
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

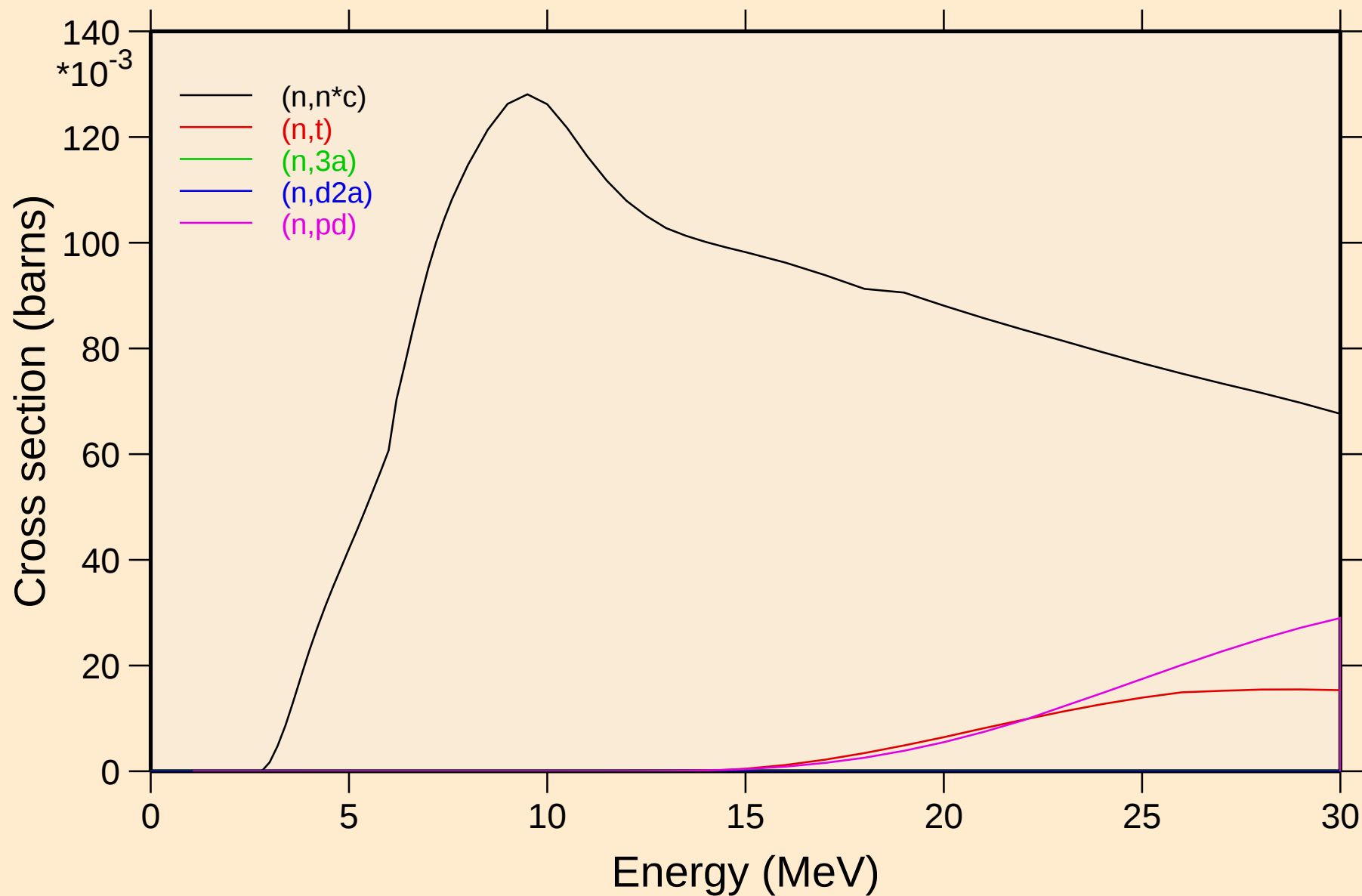


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

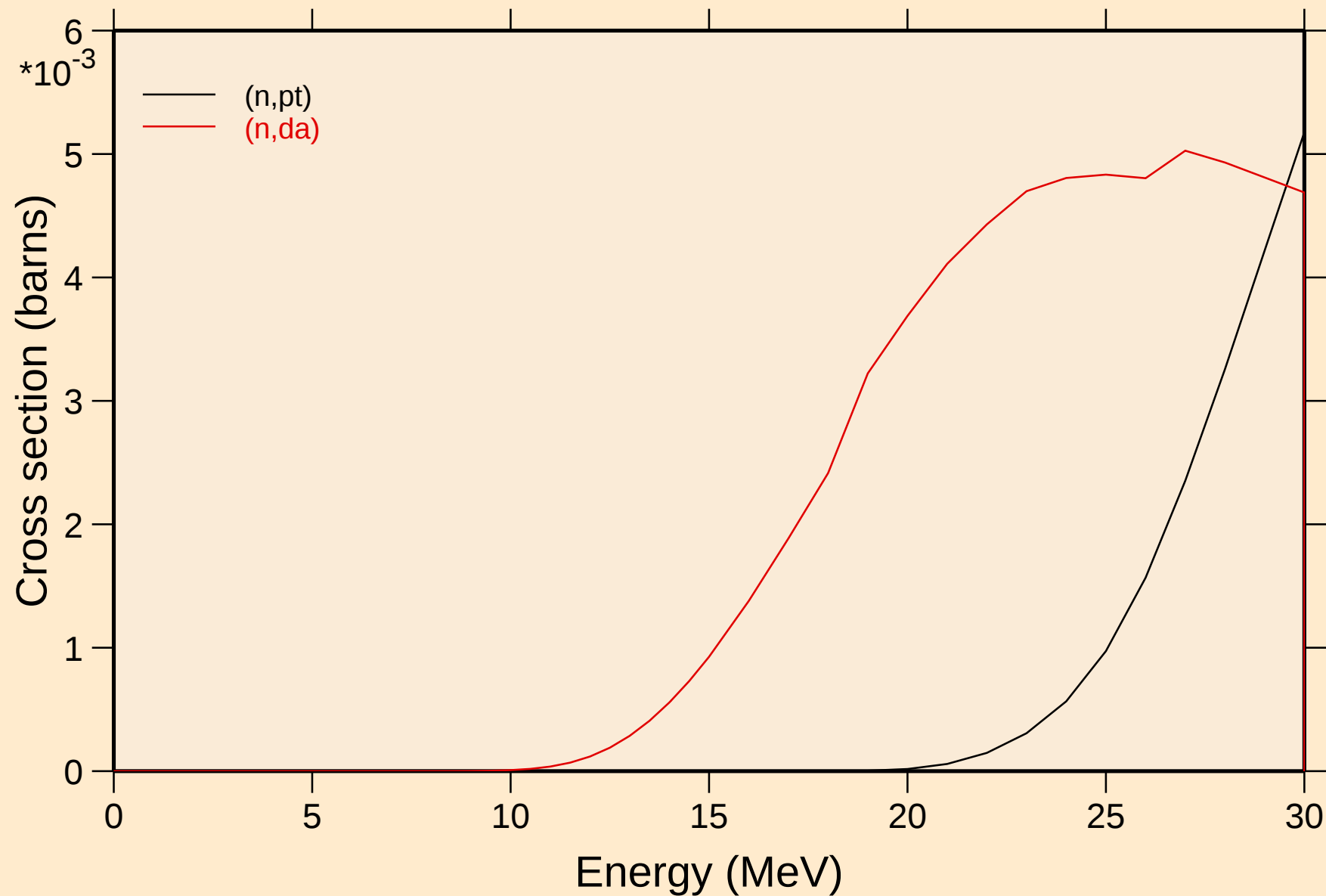


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

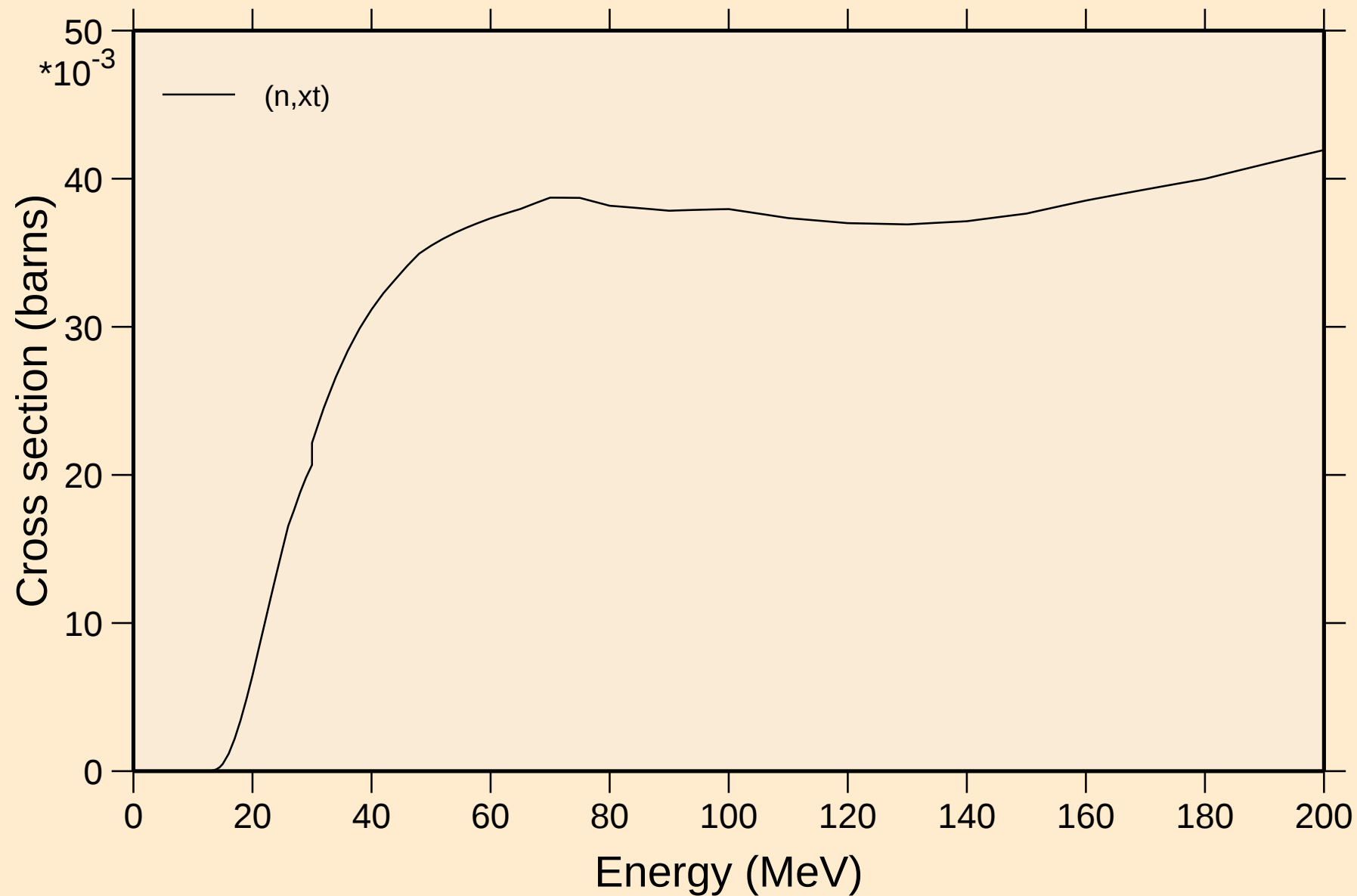
## Threshold reactions



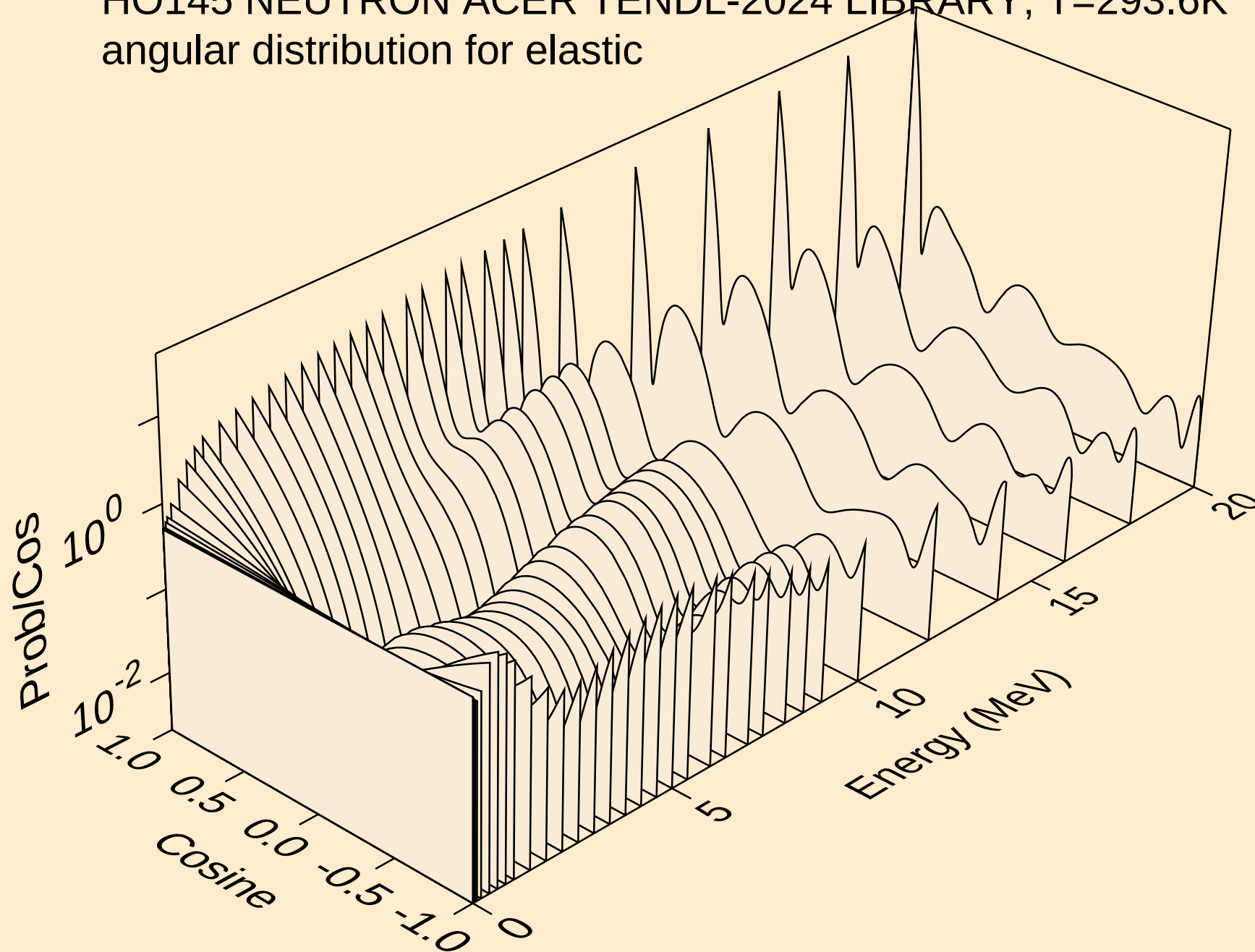
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



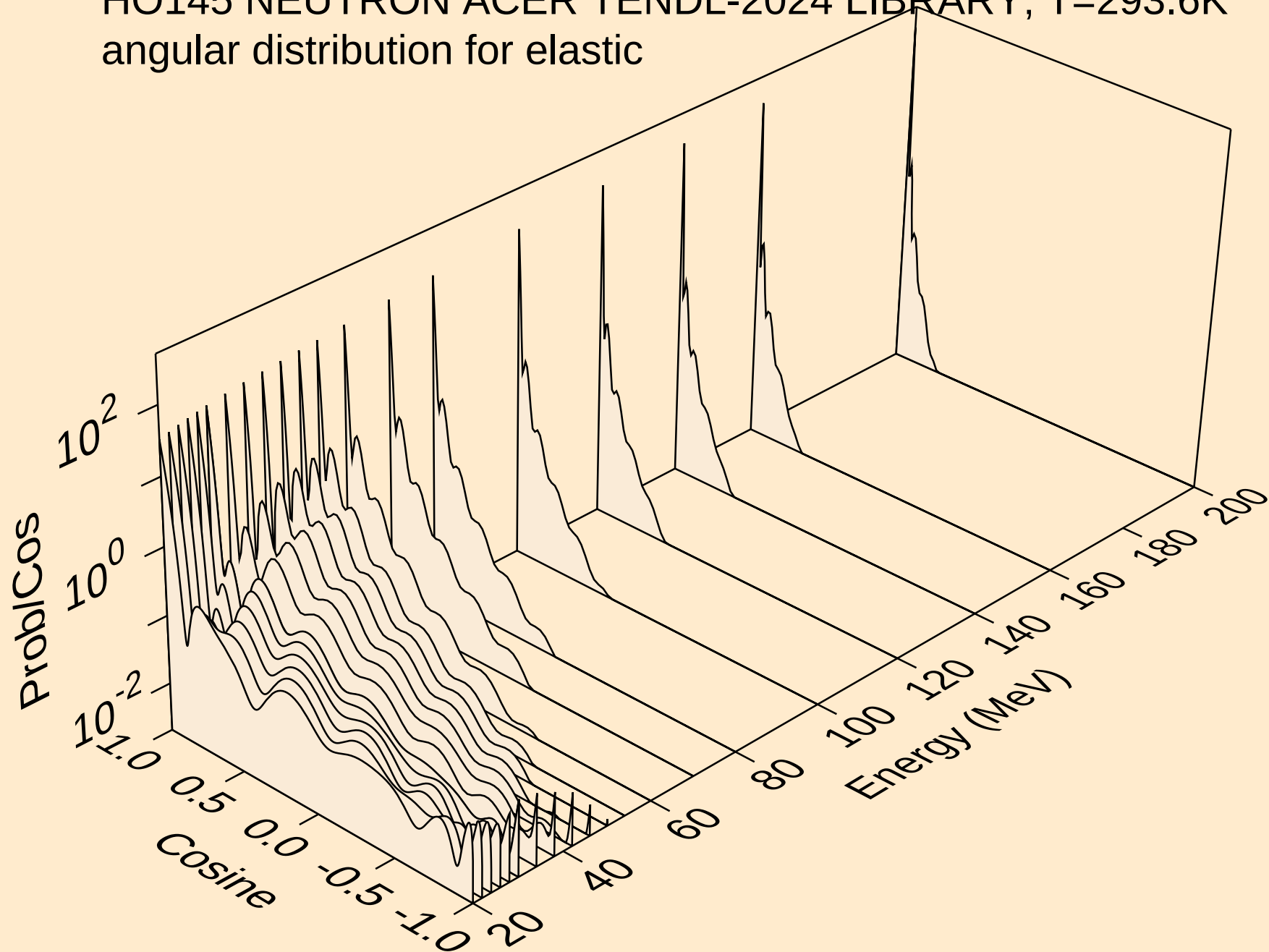
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



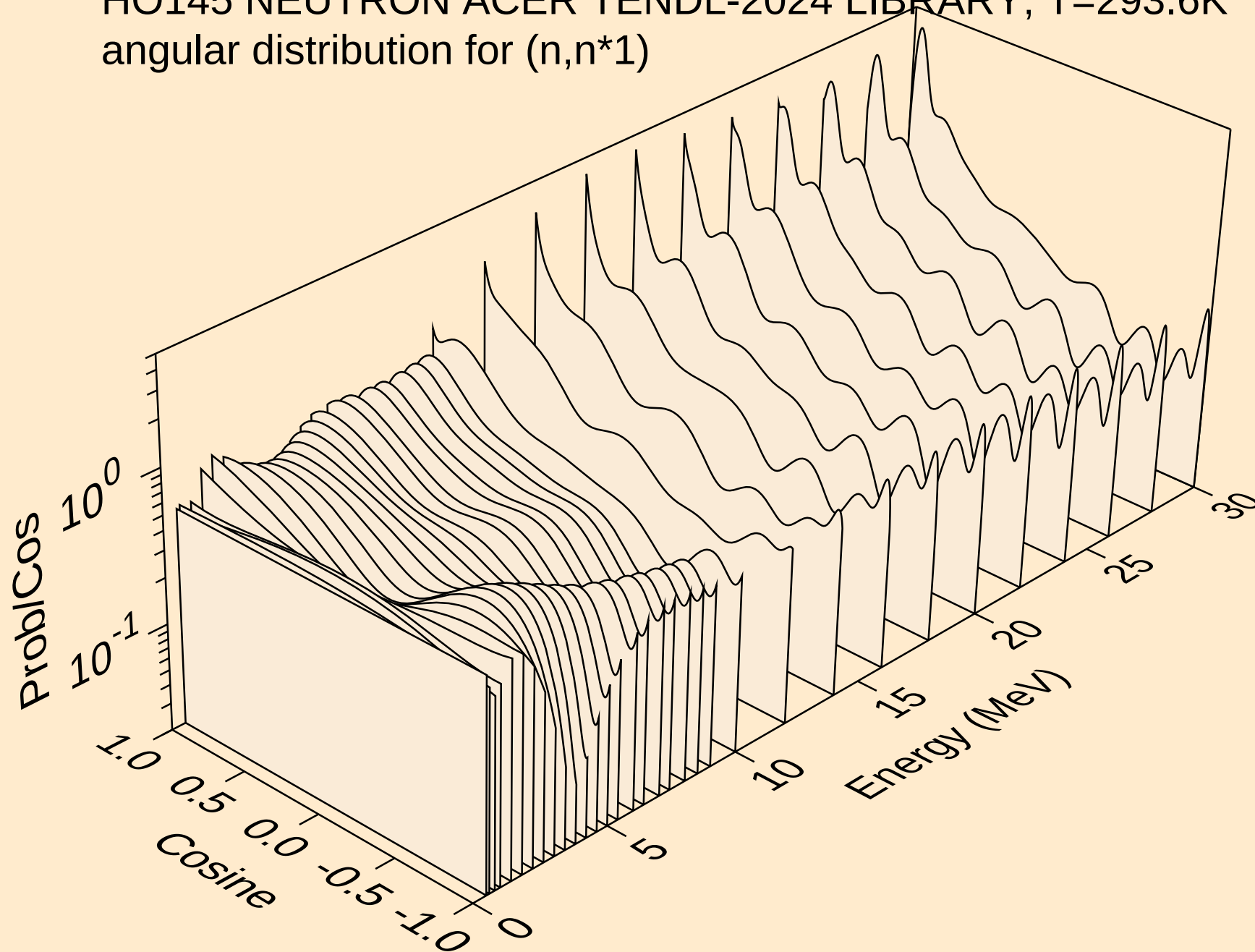
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



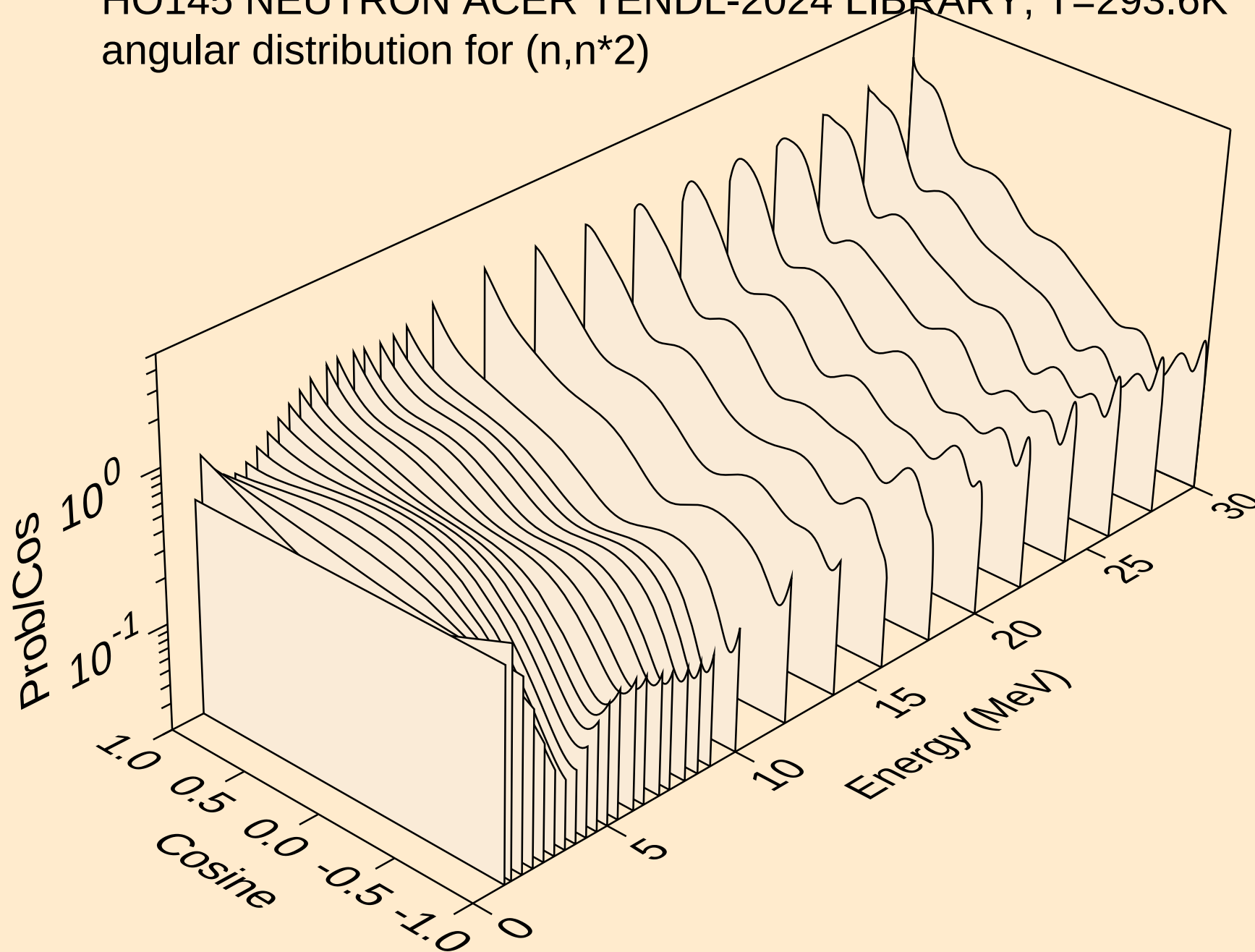
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



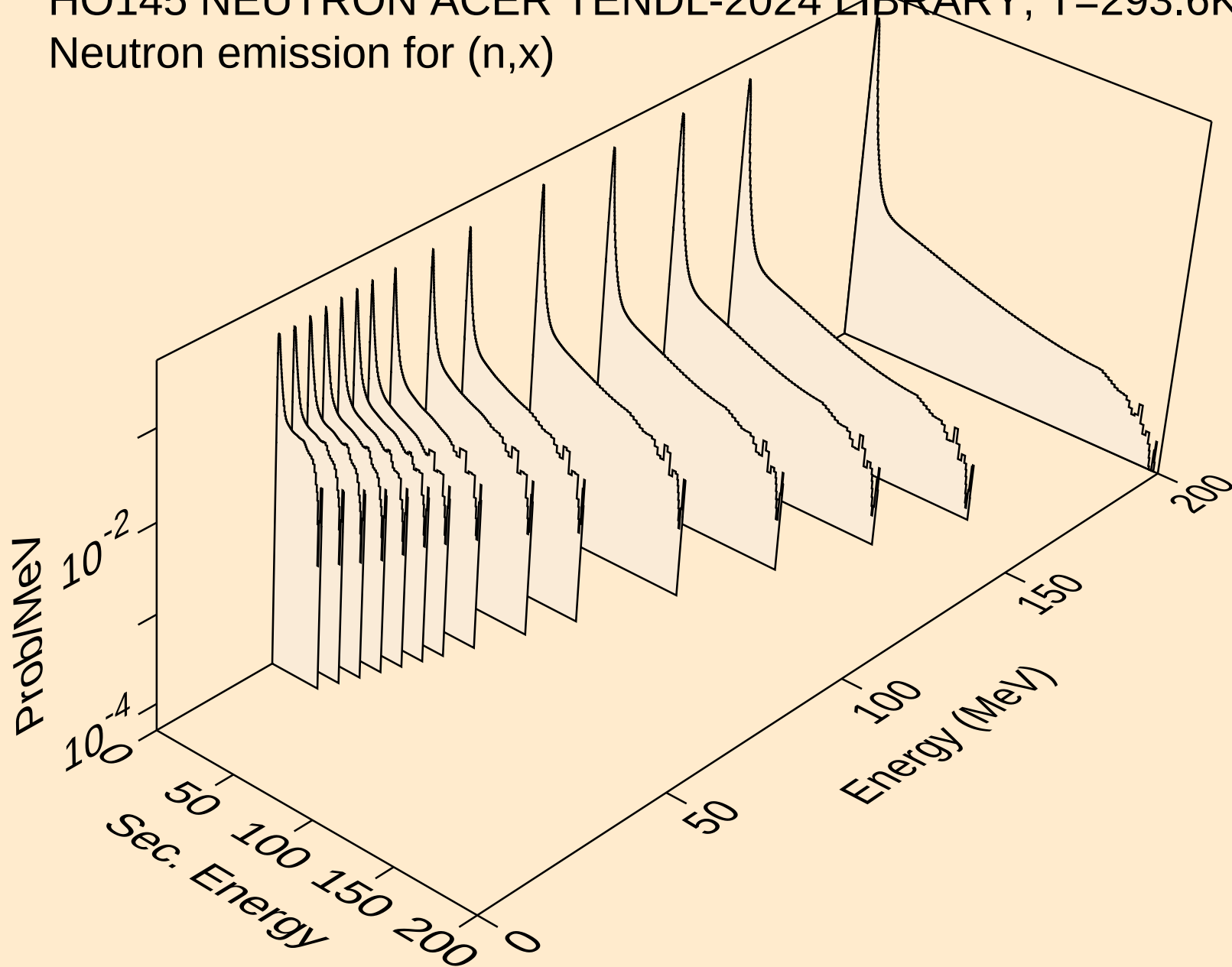
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



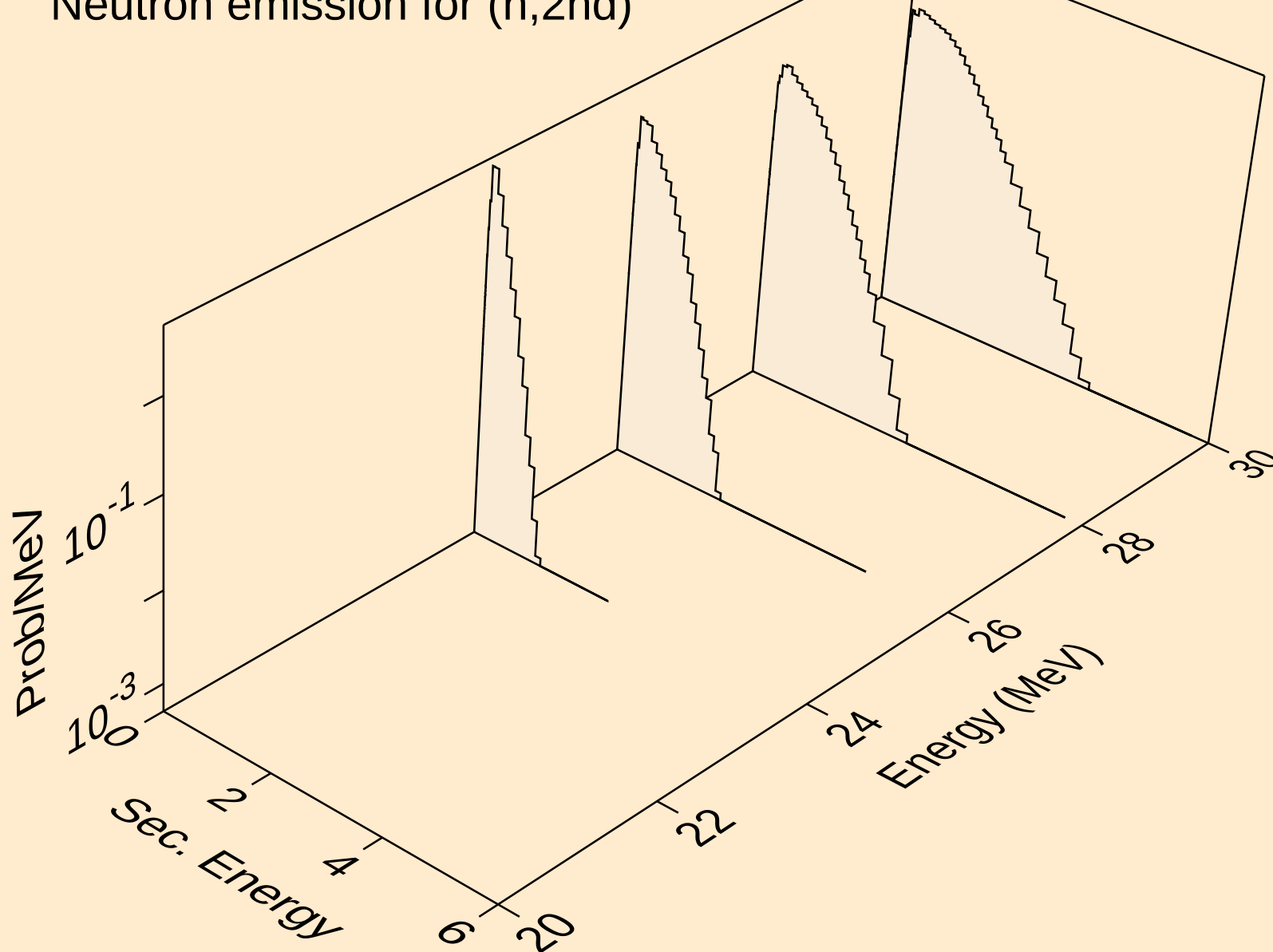
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



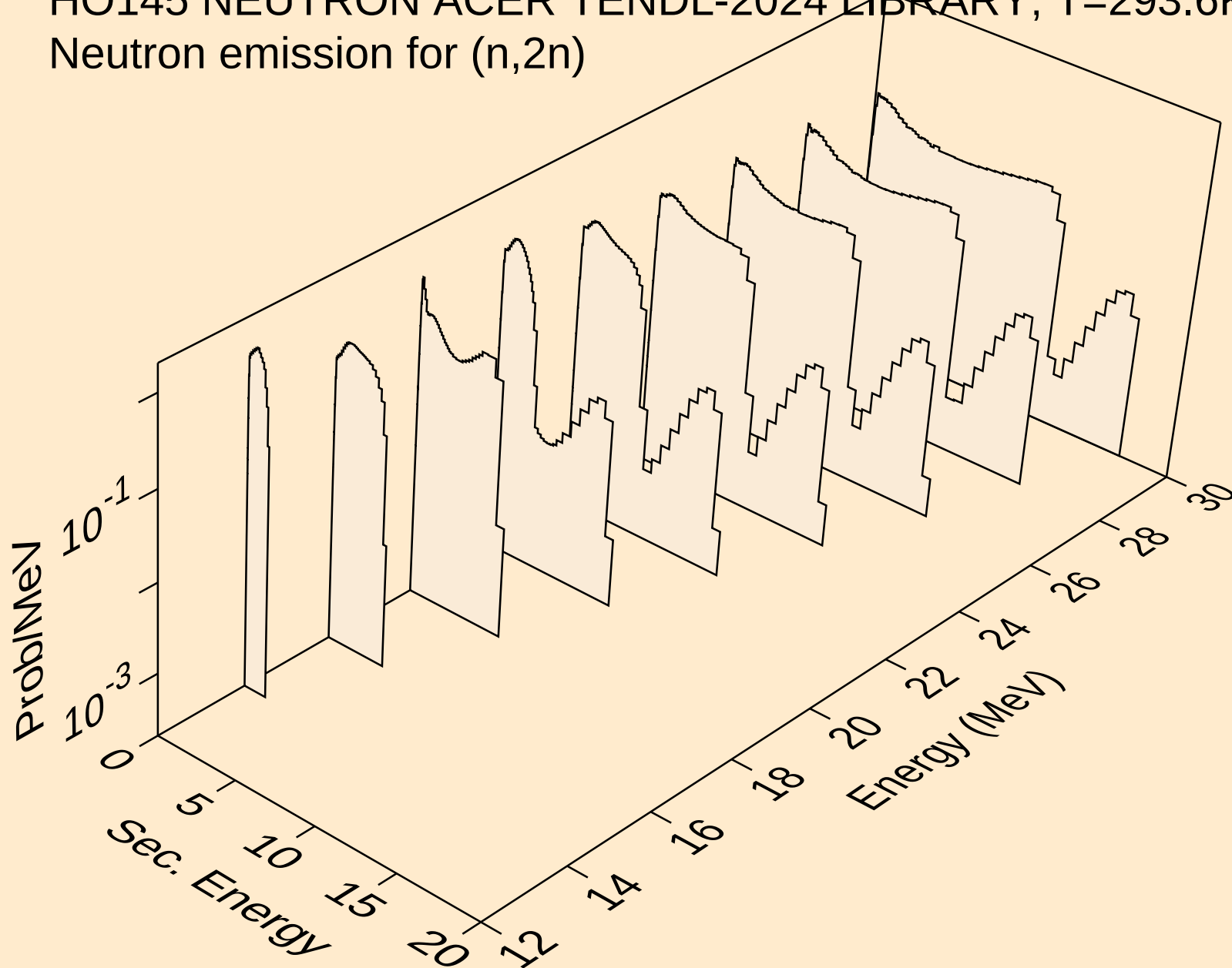
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



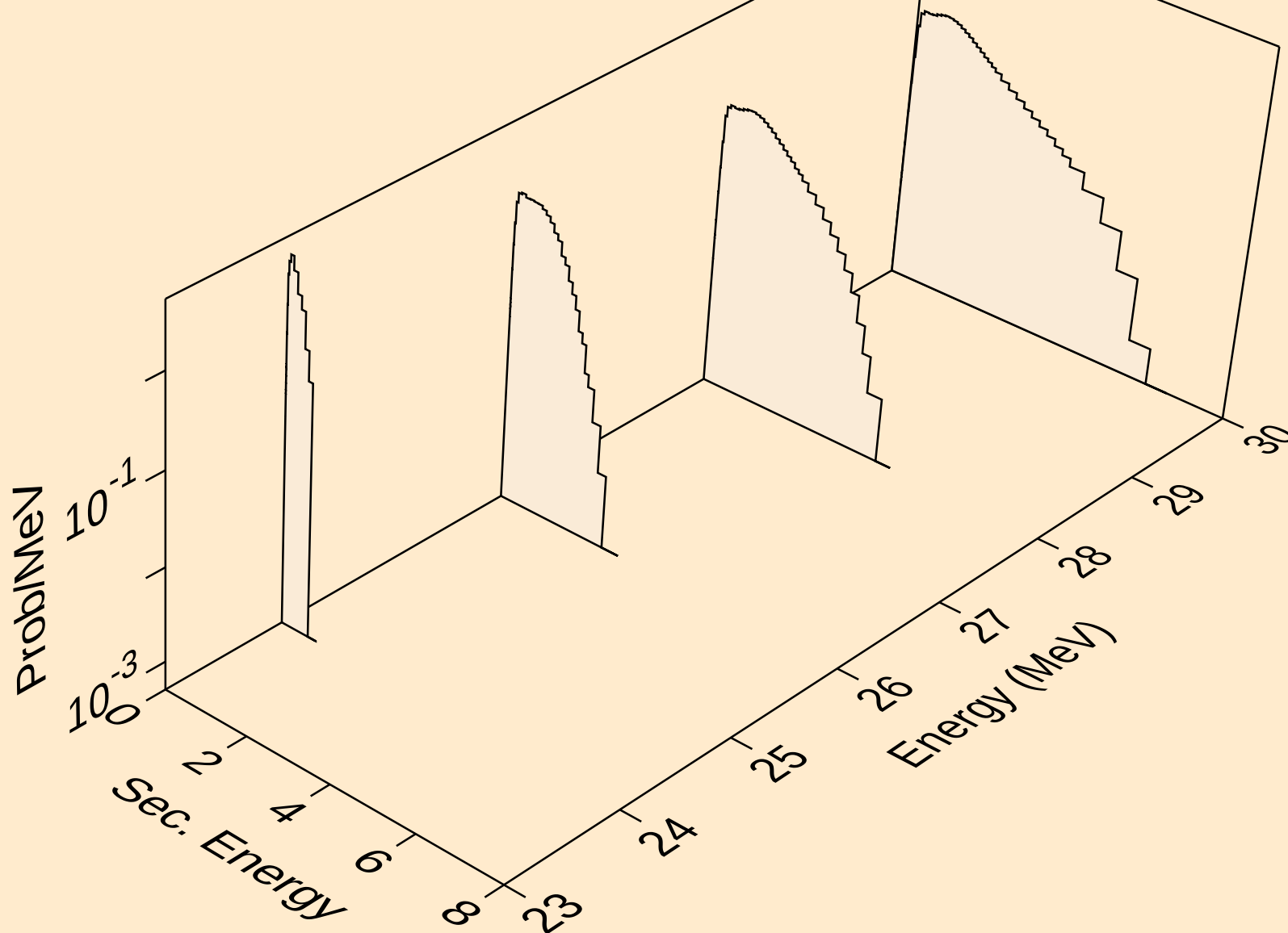
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



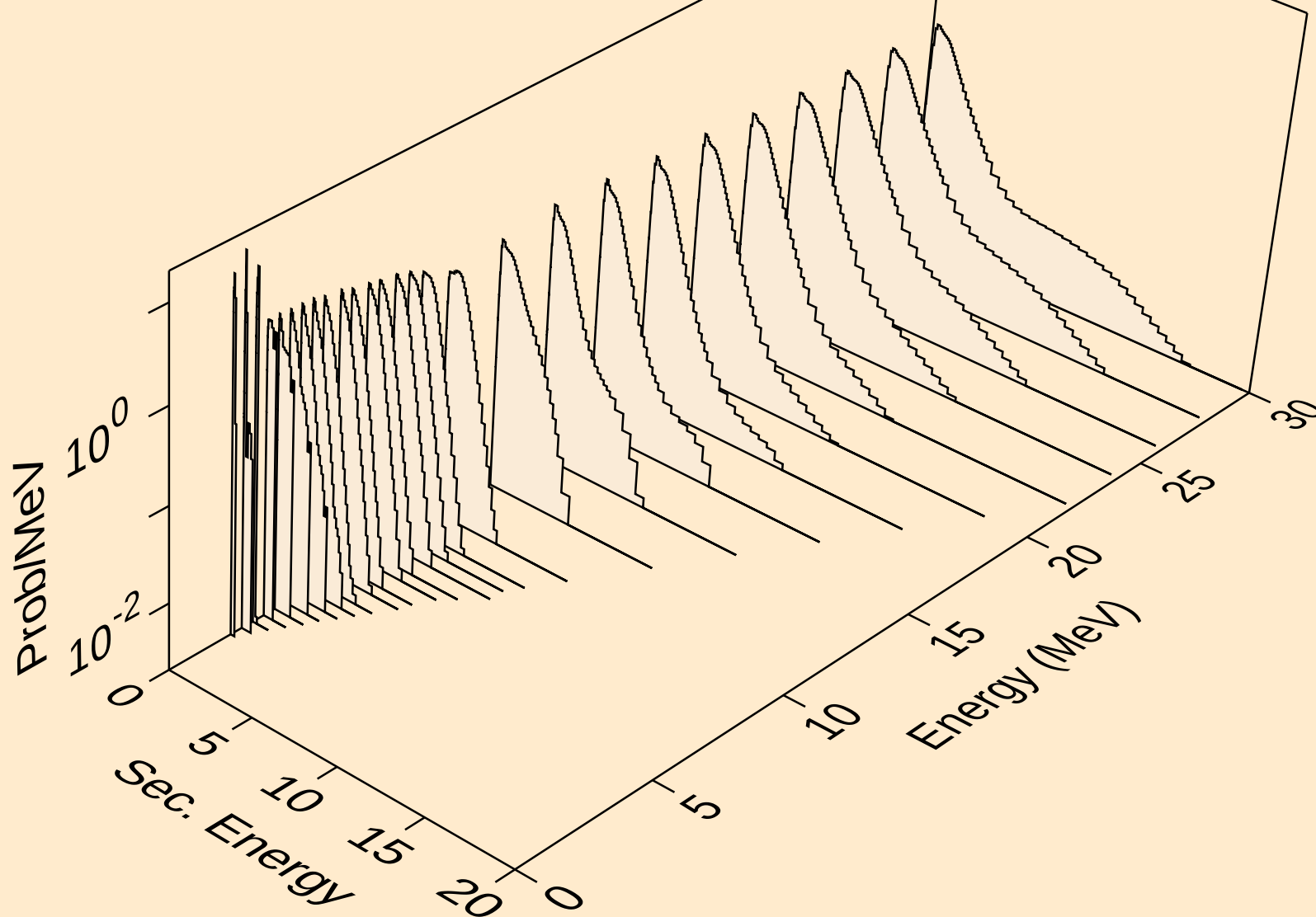
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



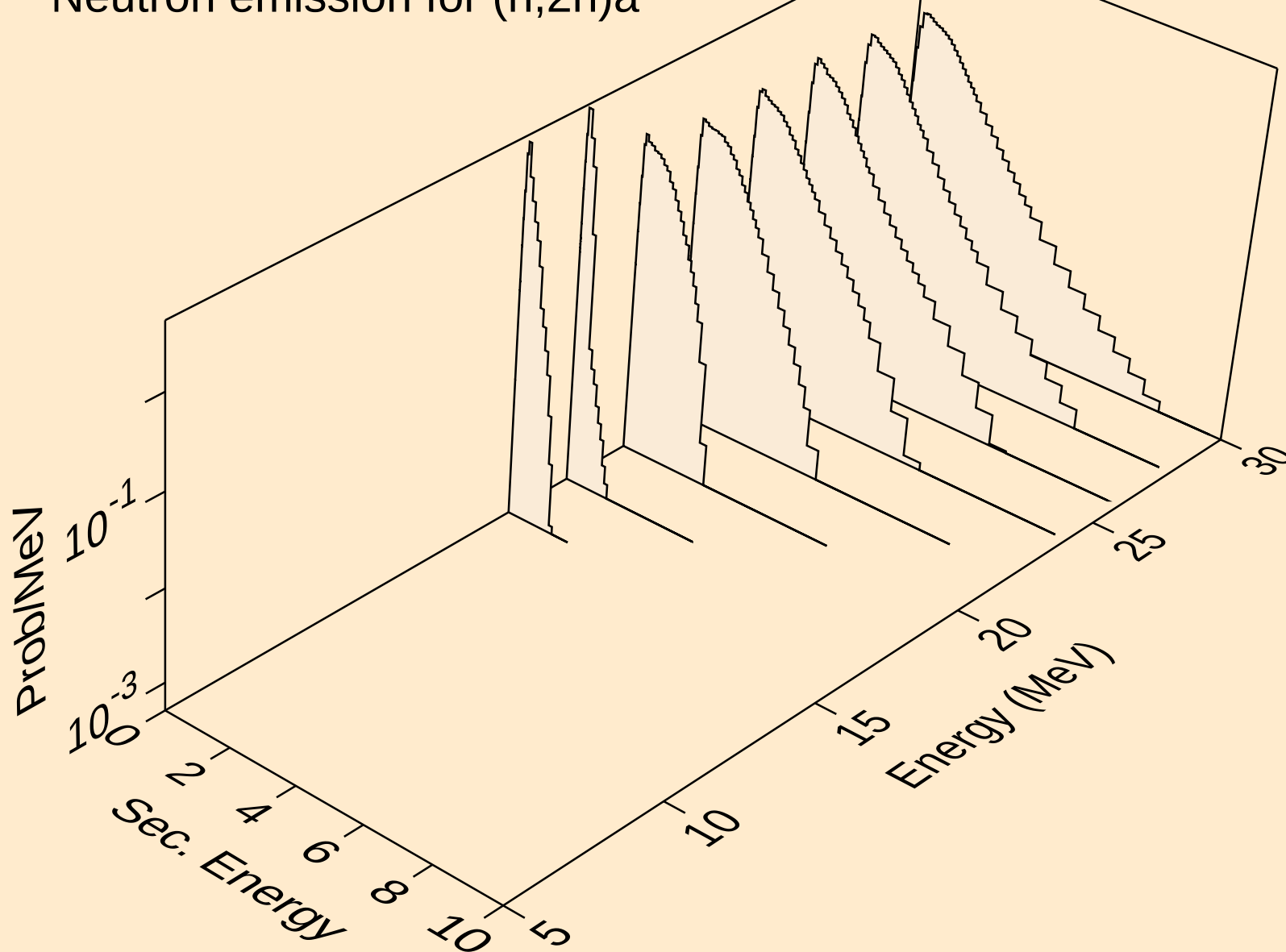
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



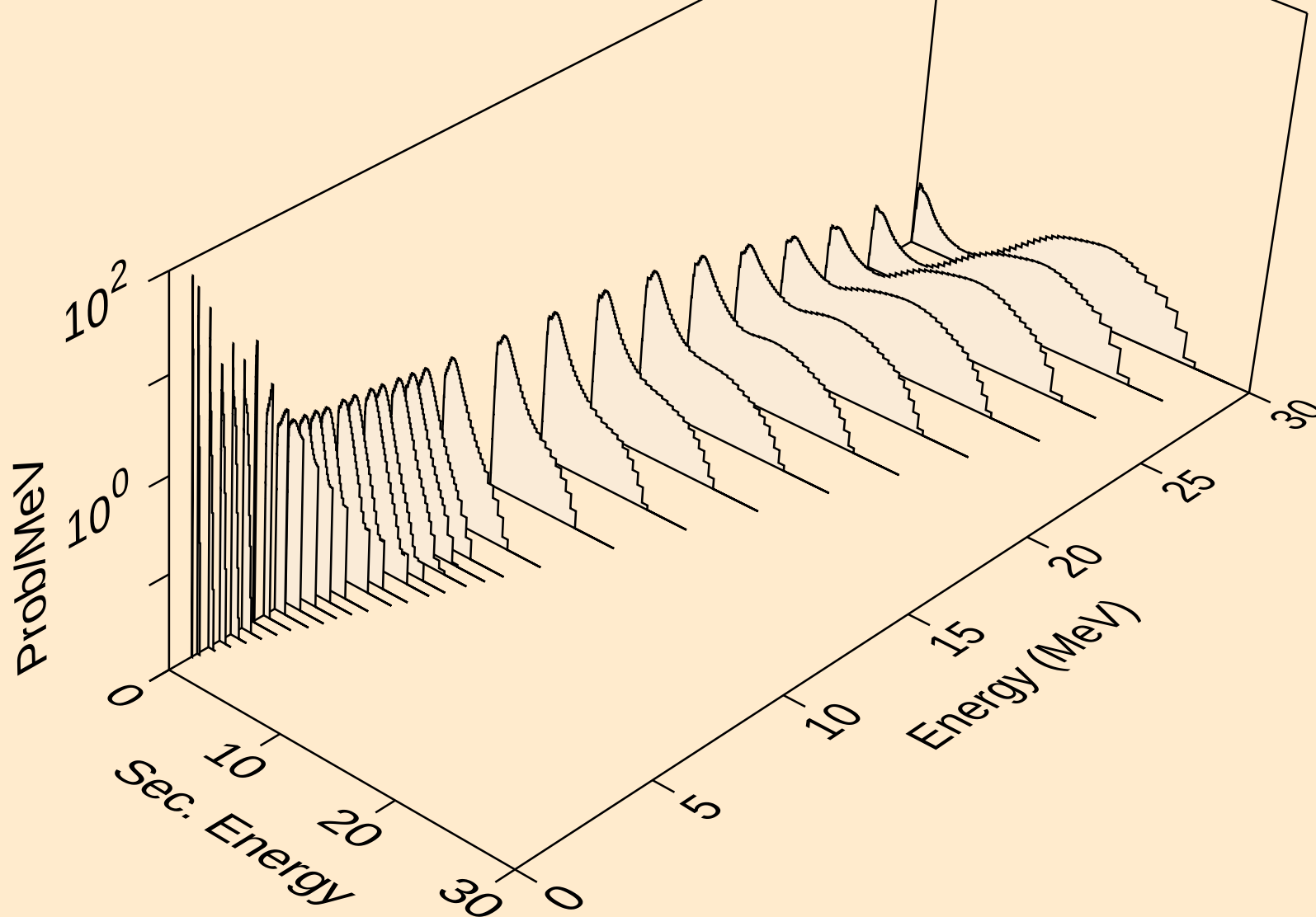
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



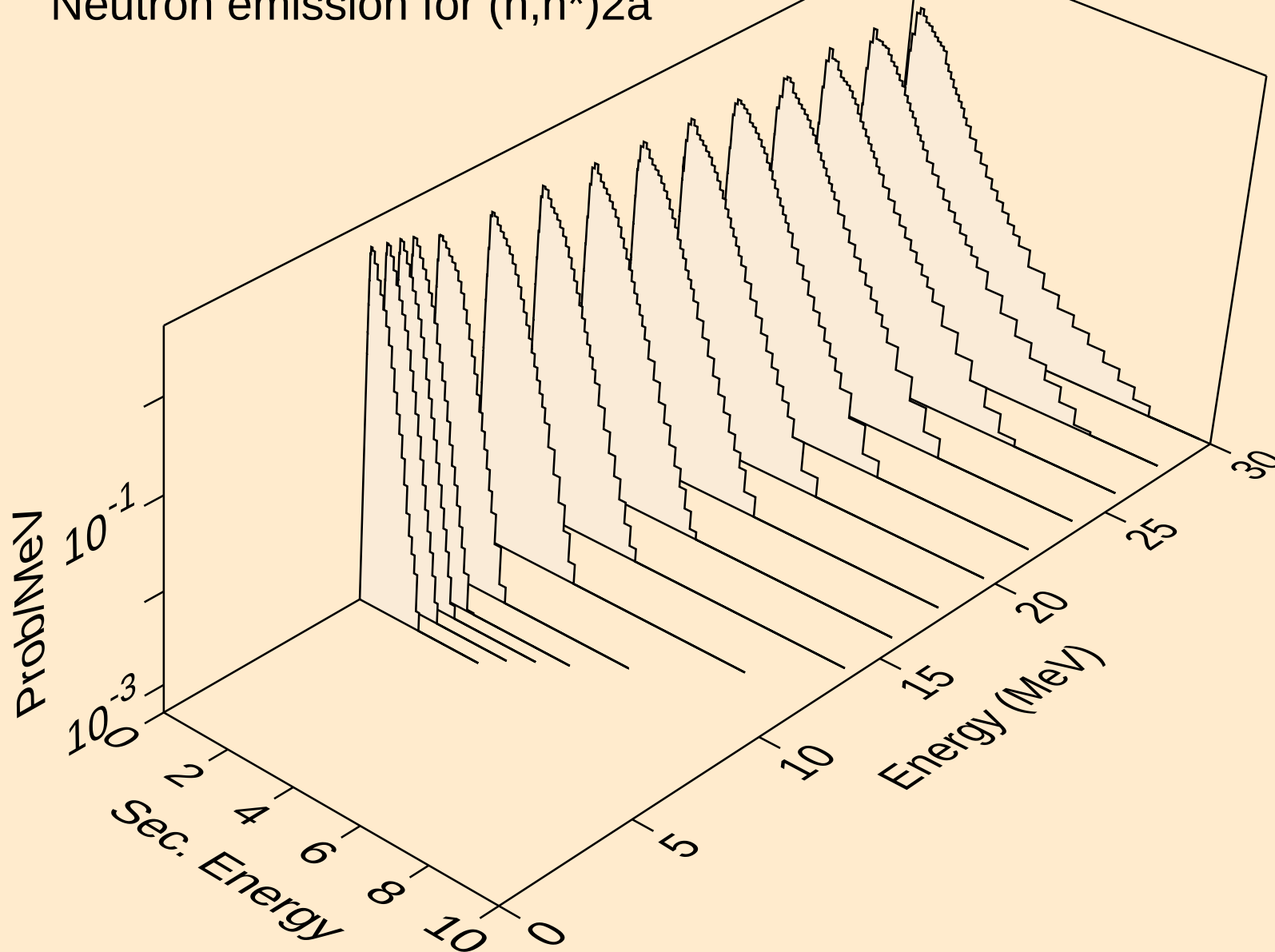
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



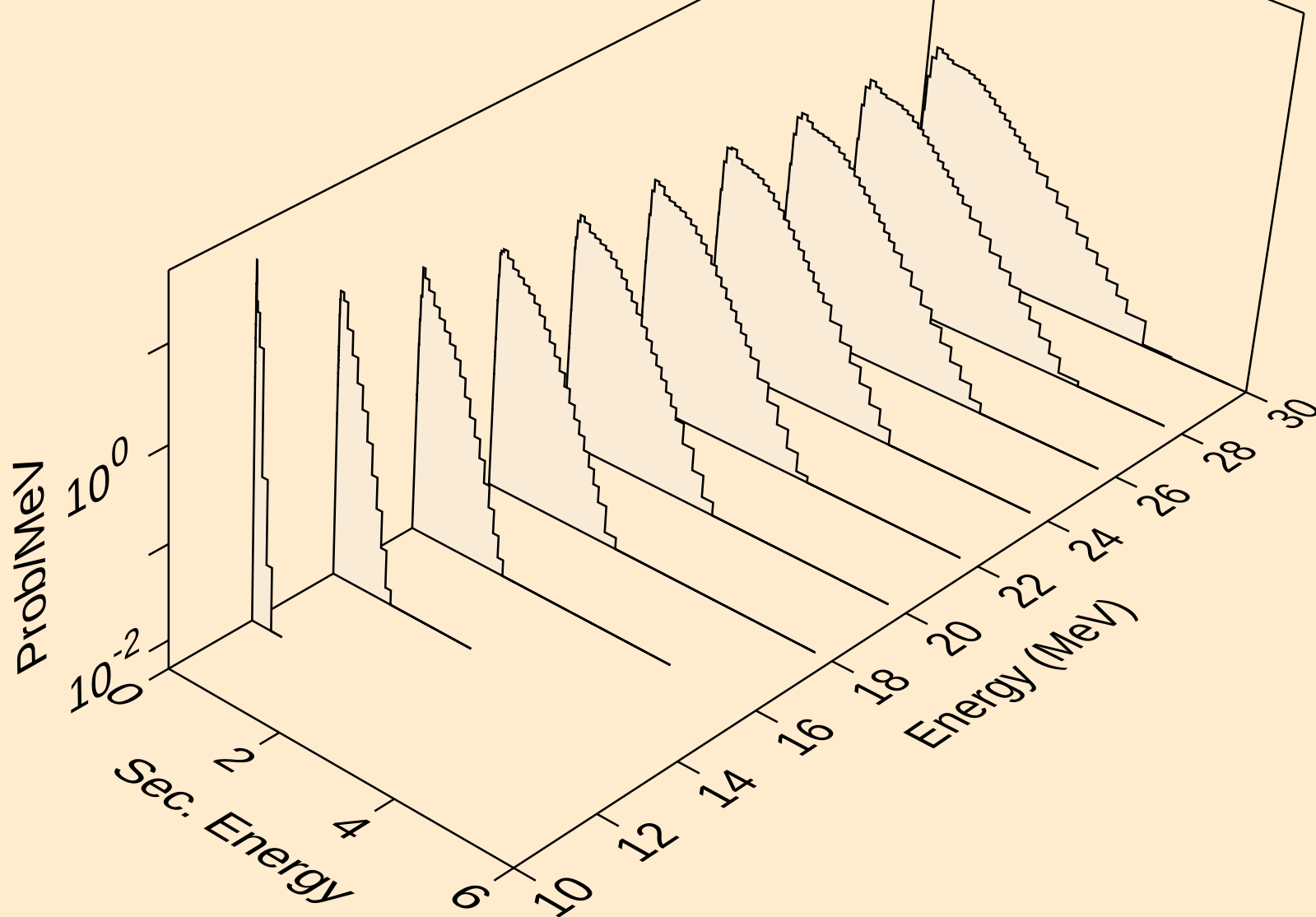
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



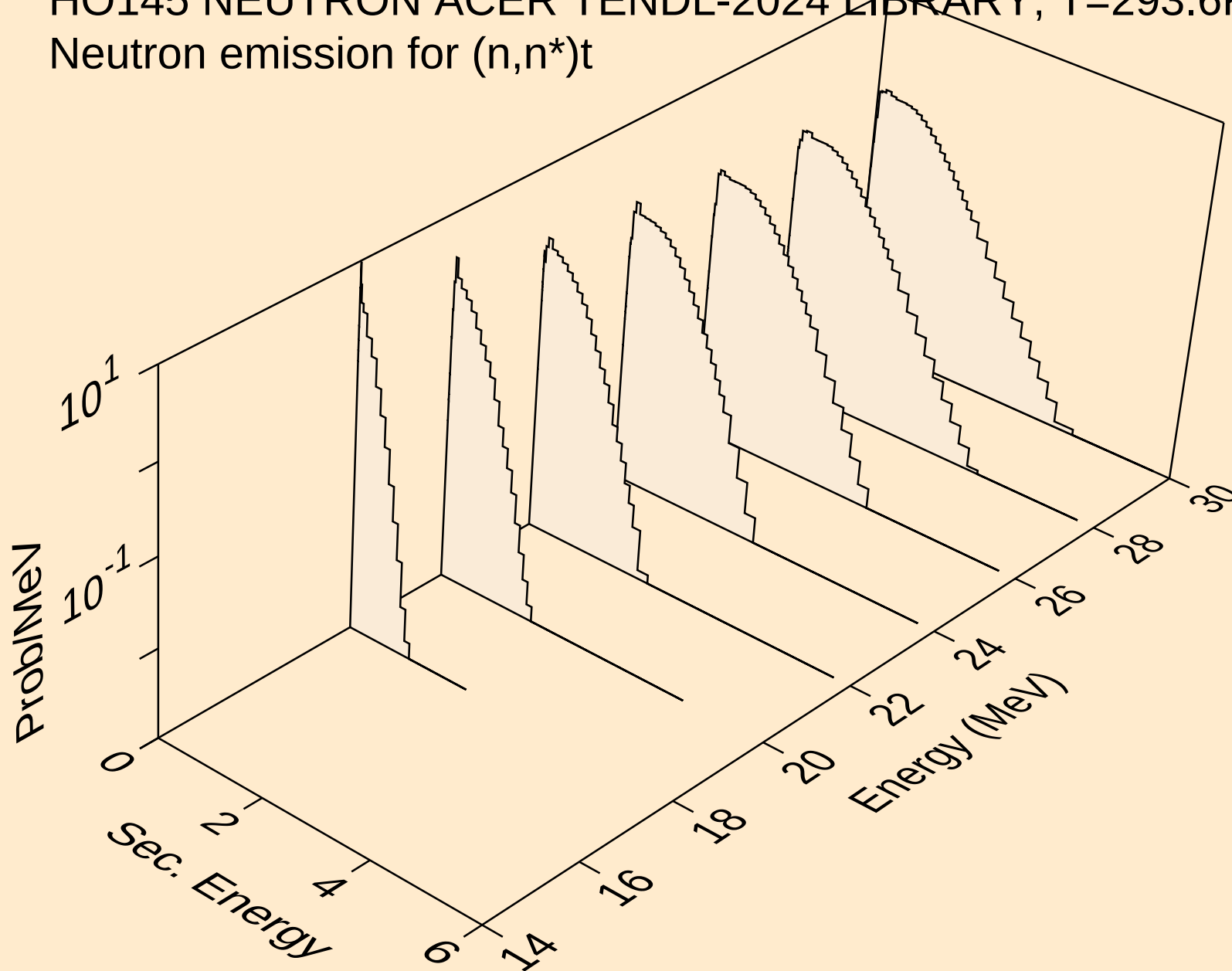
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



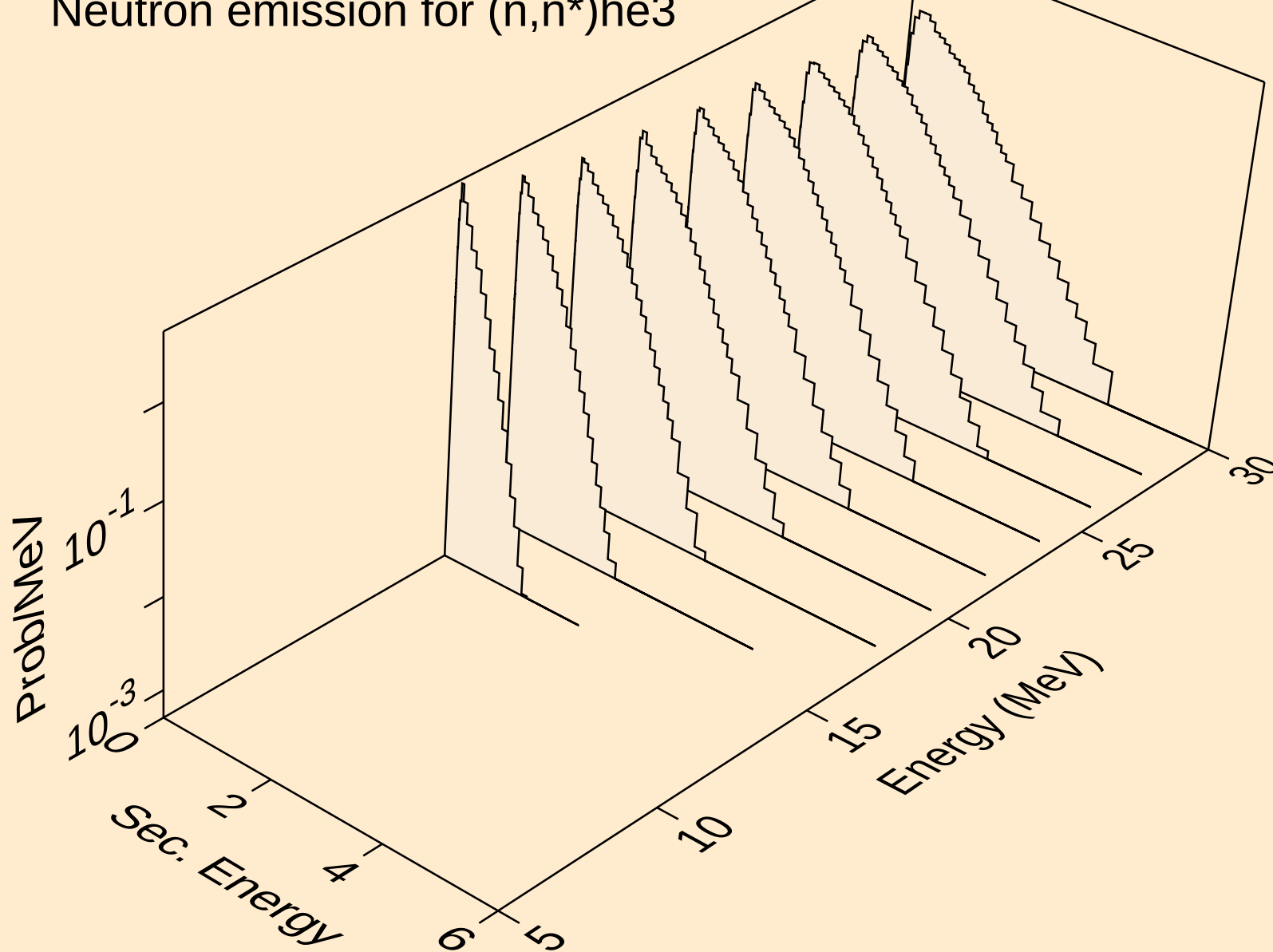
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



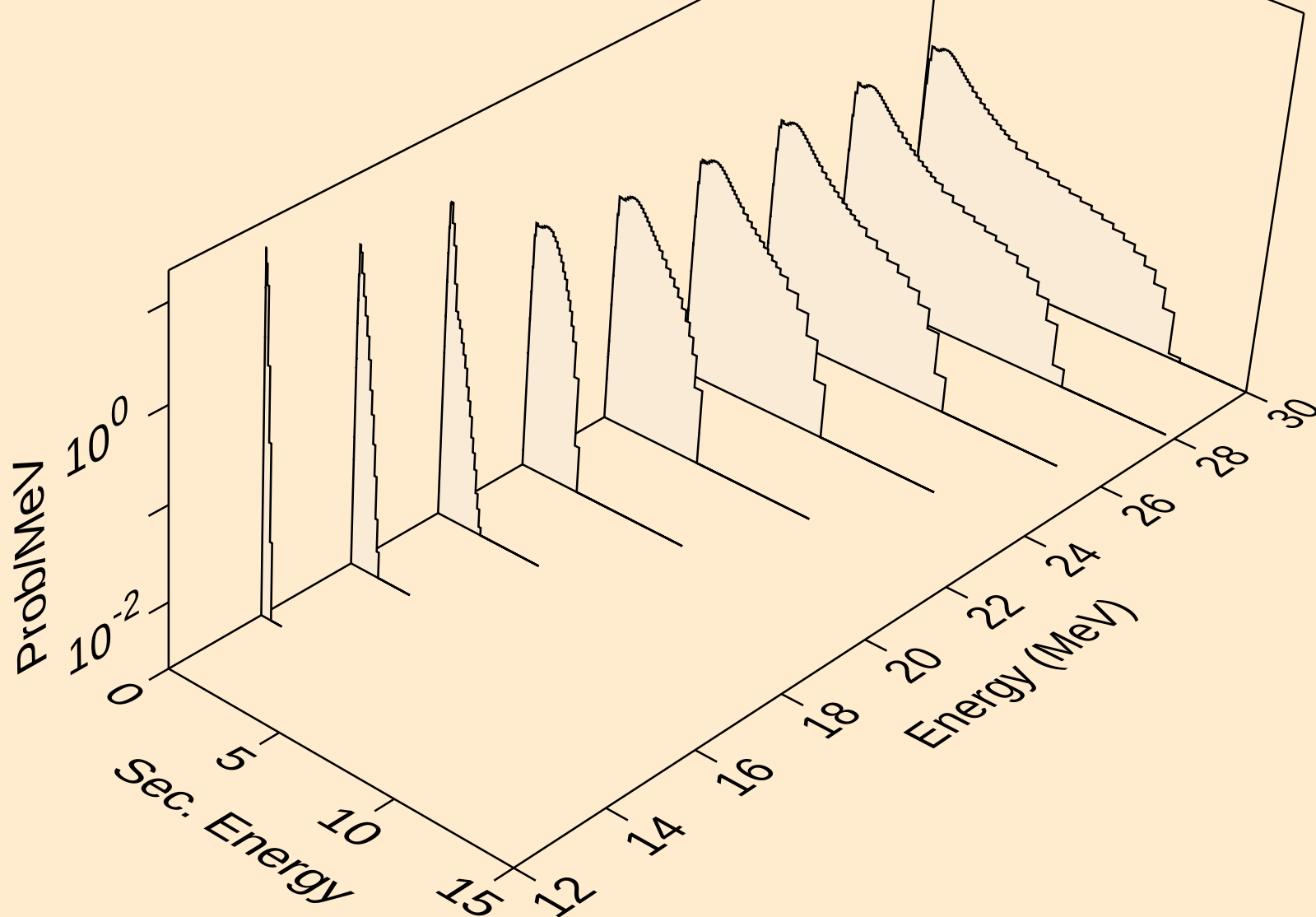
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



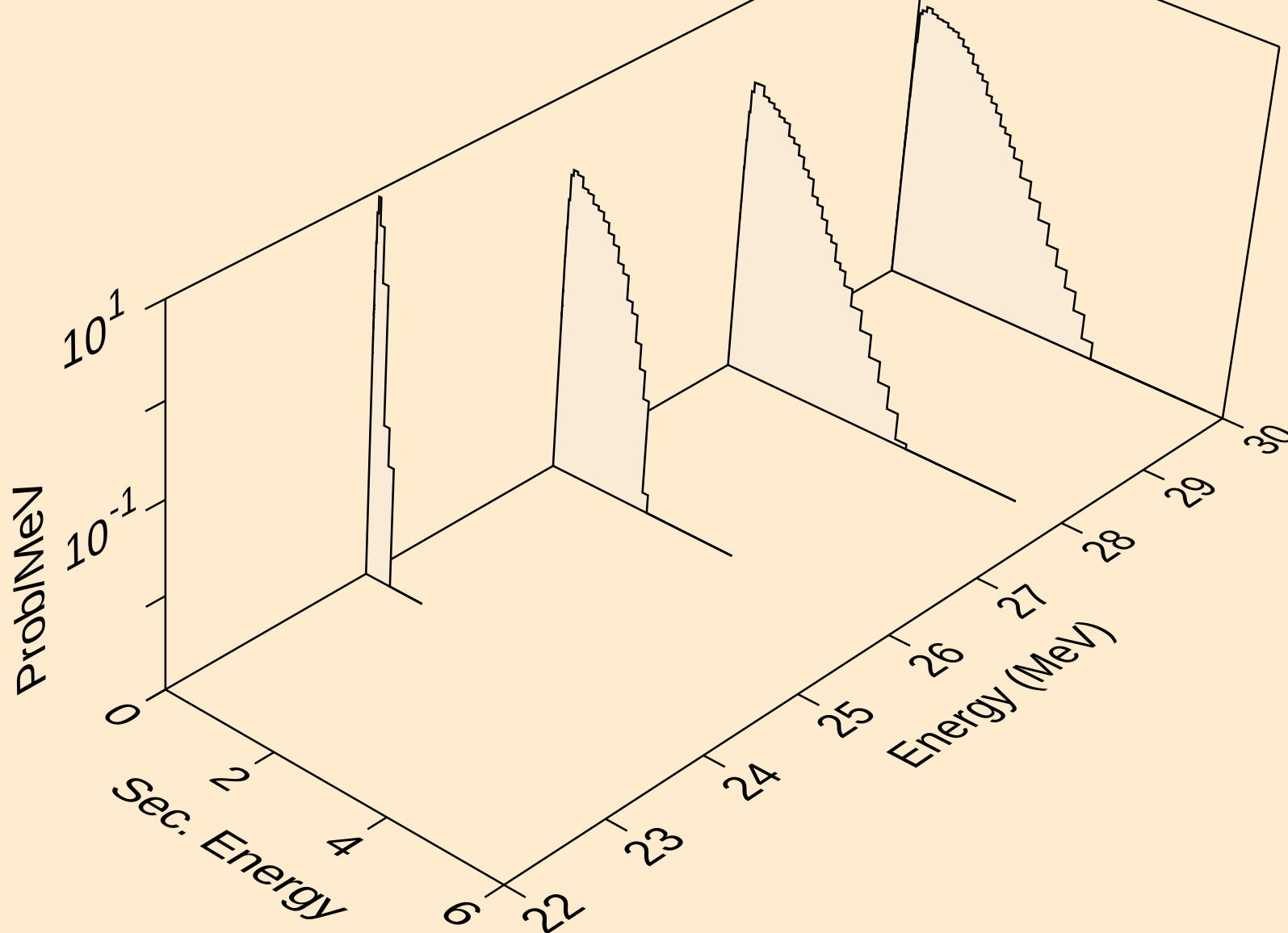
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



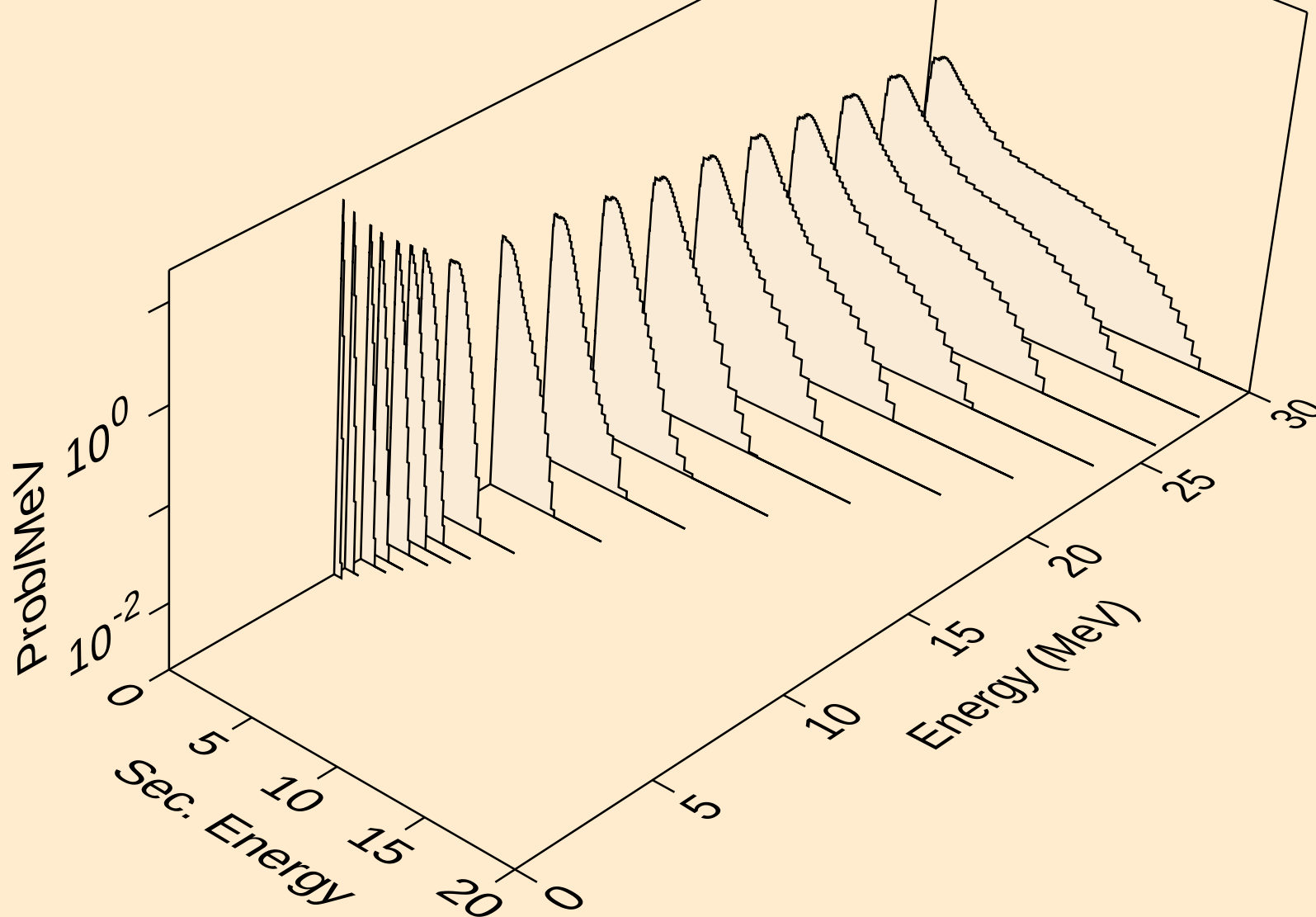
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



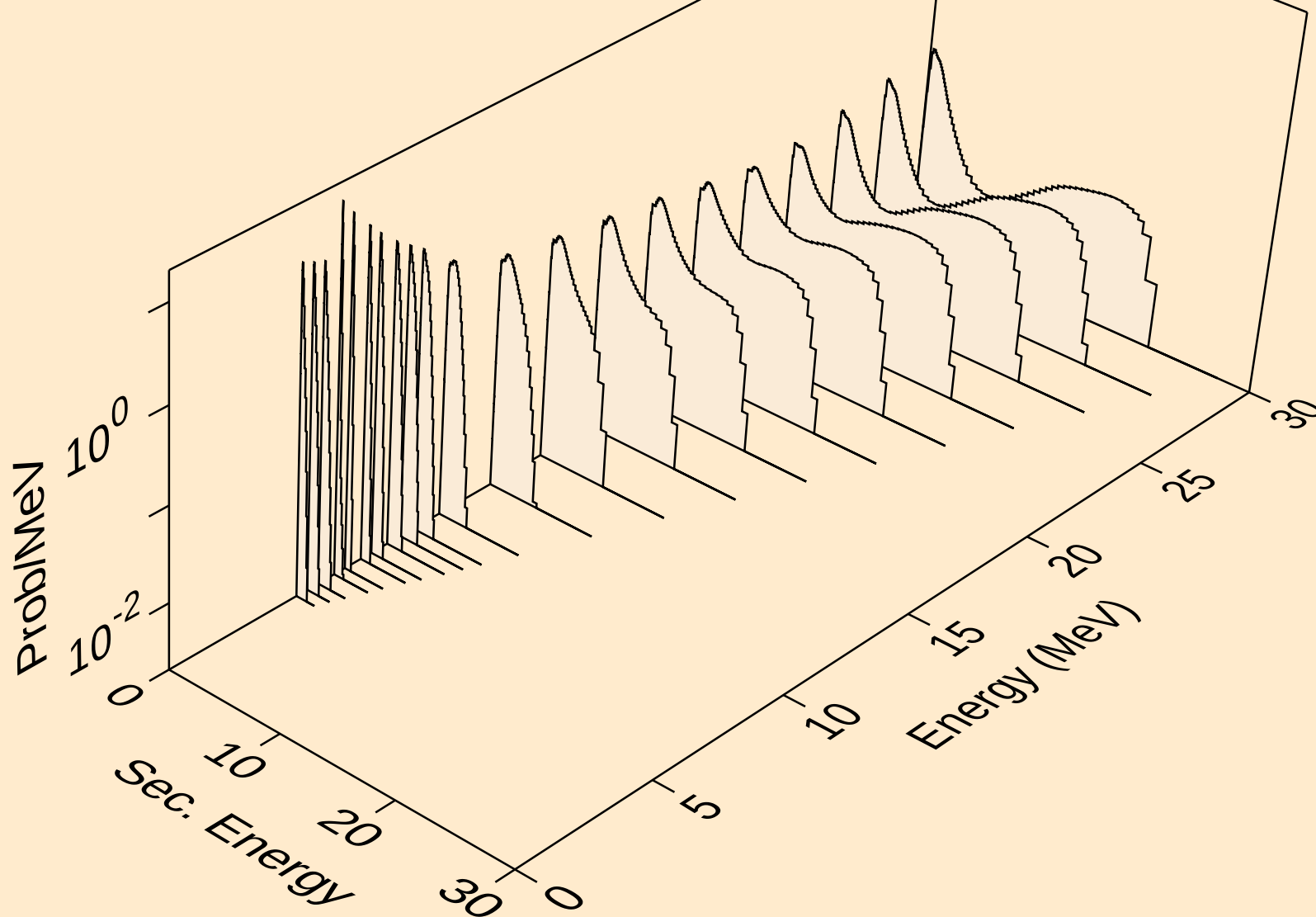
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



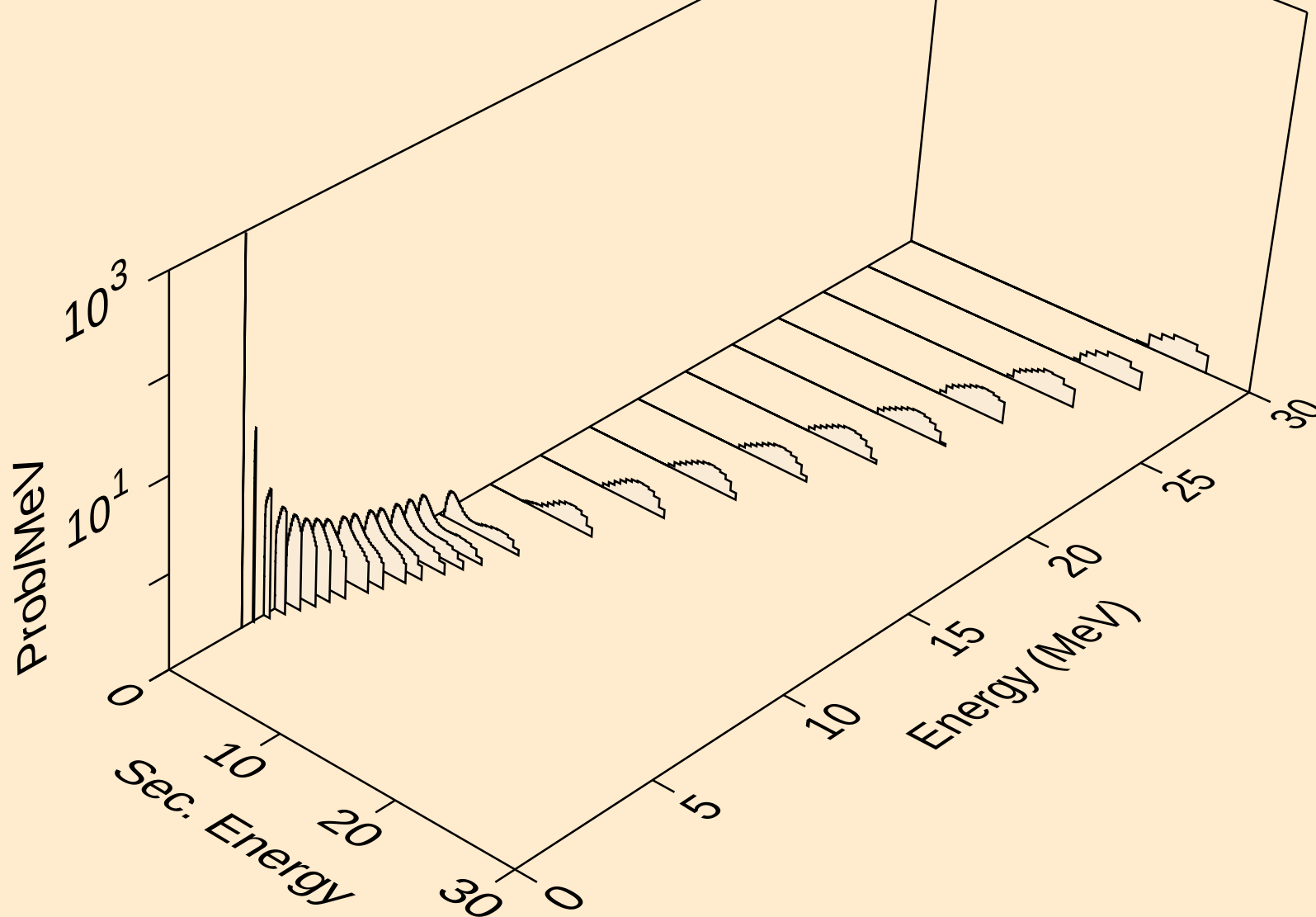
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



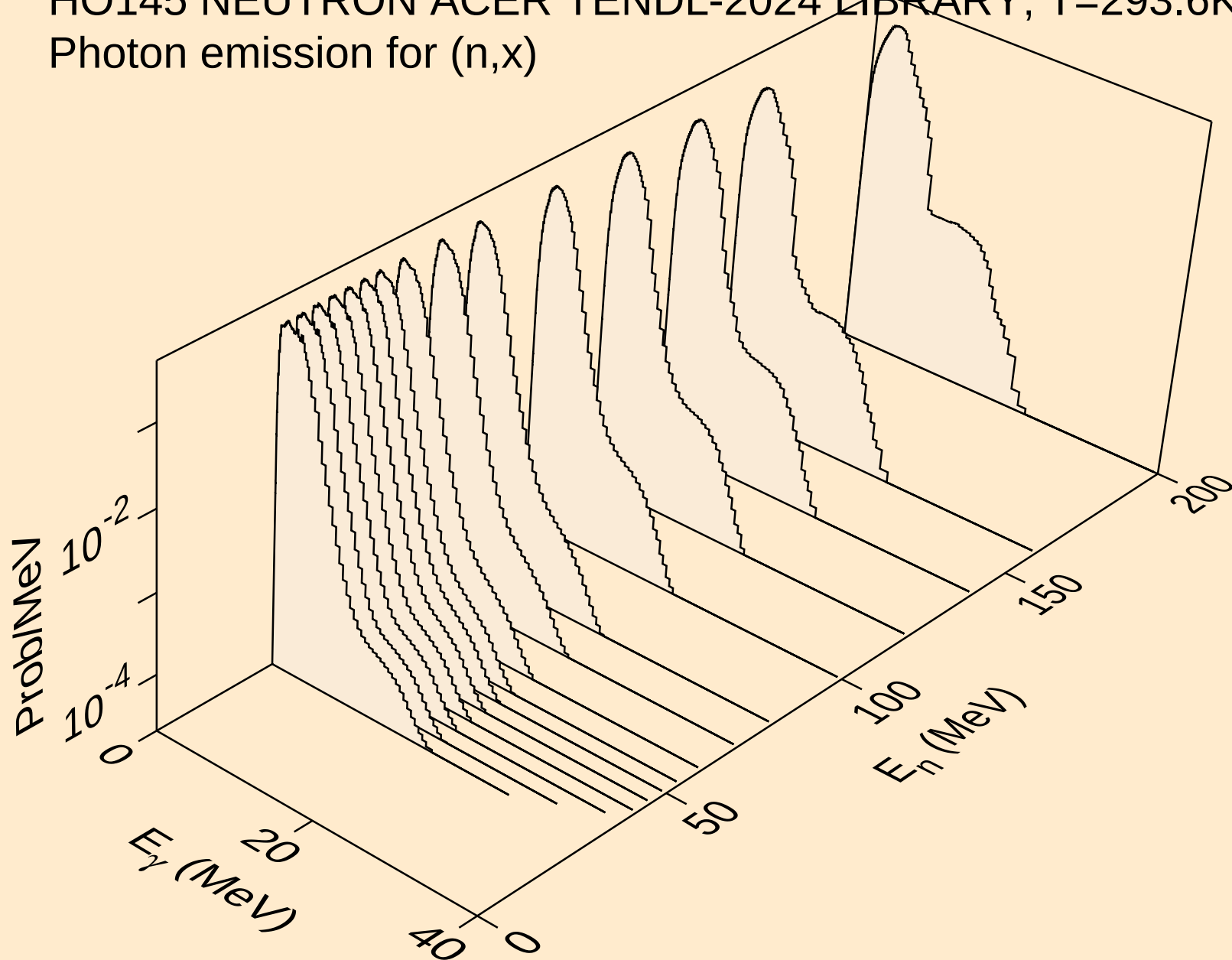
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



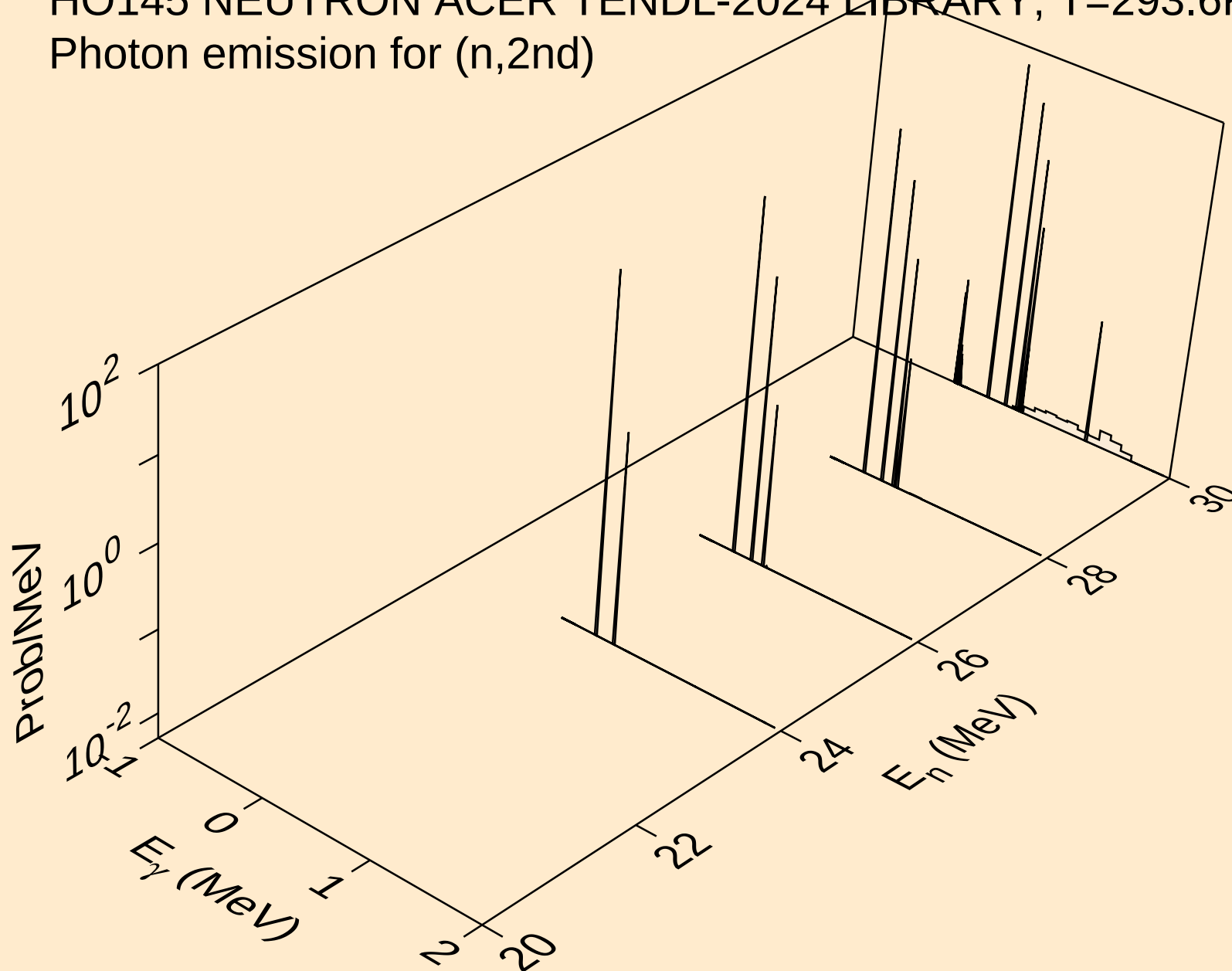
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



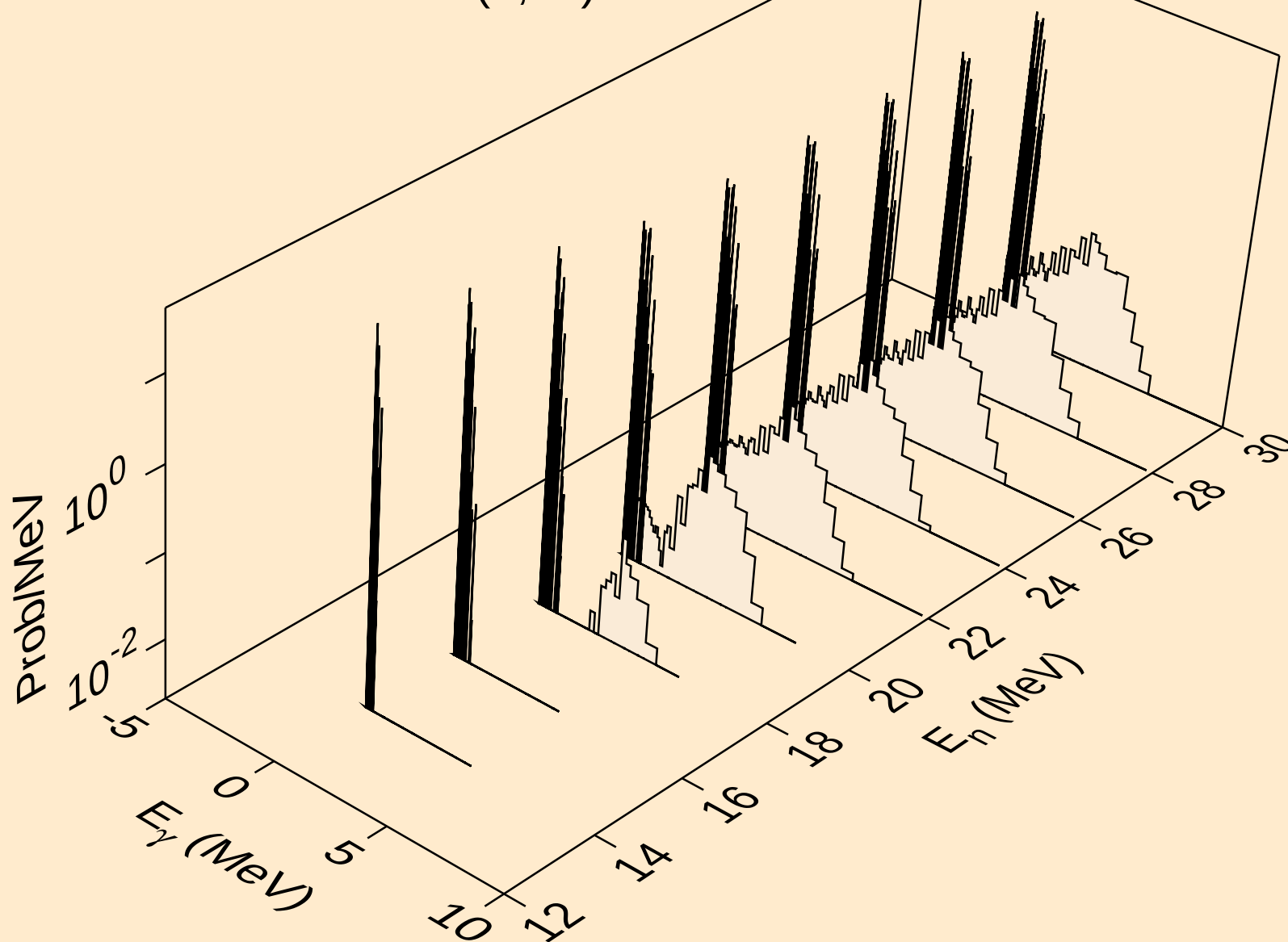
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



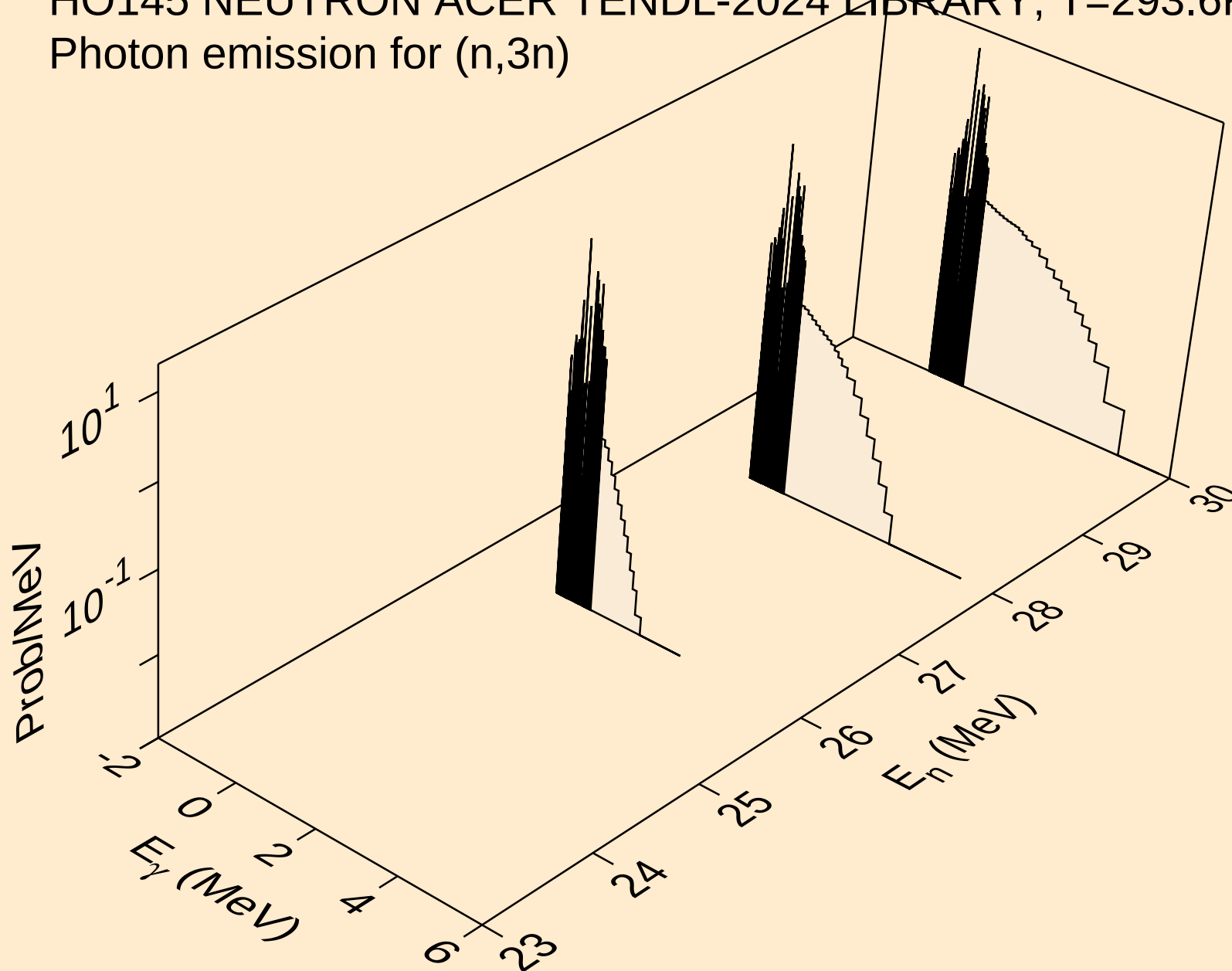
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



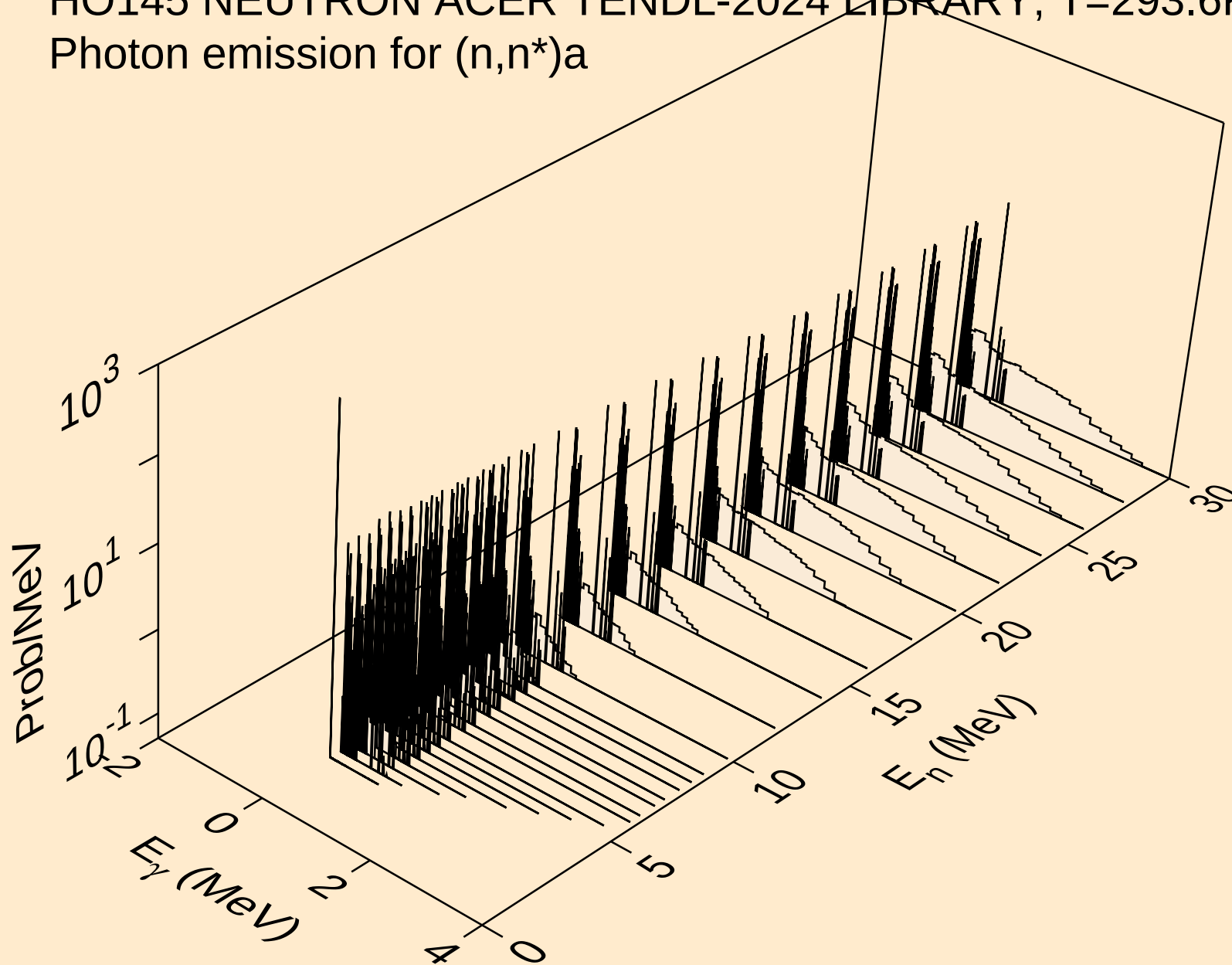
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



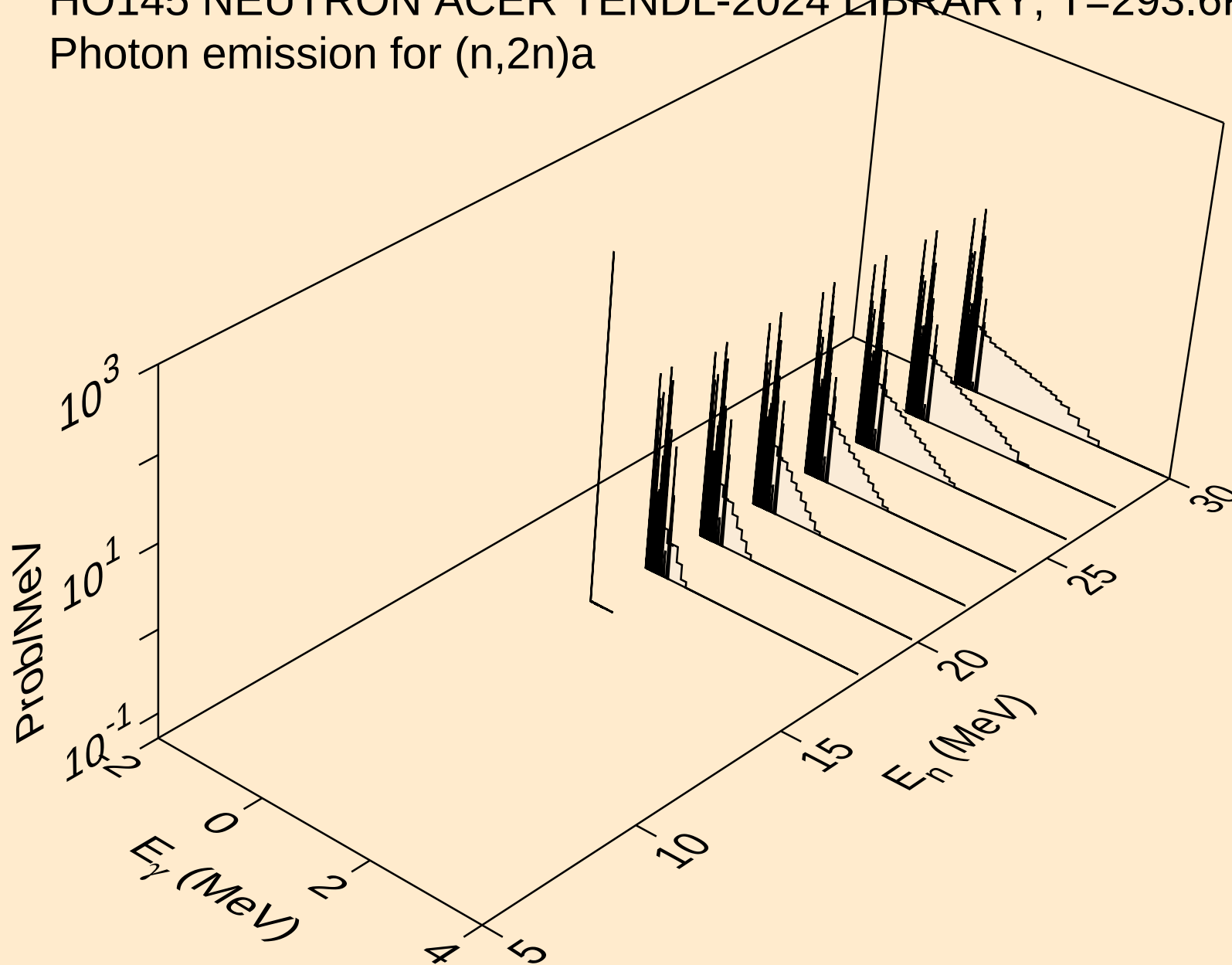
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Photon emission for (n,3n)



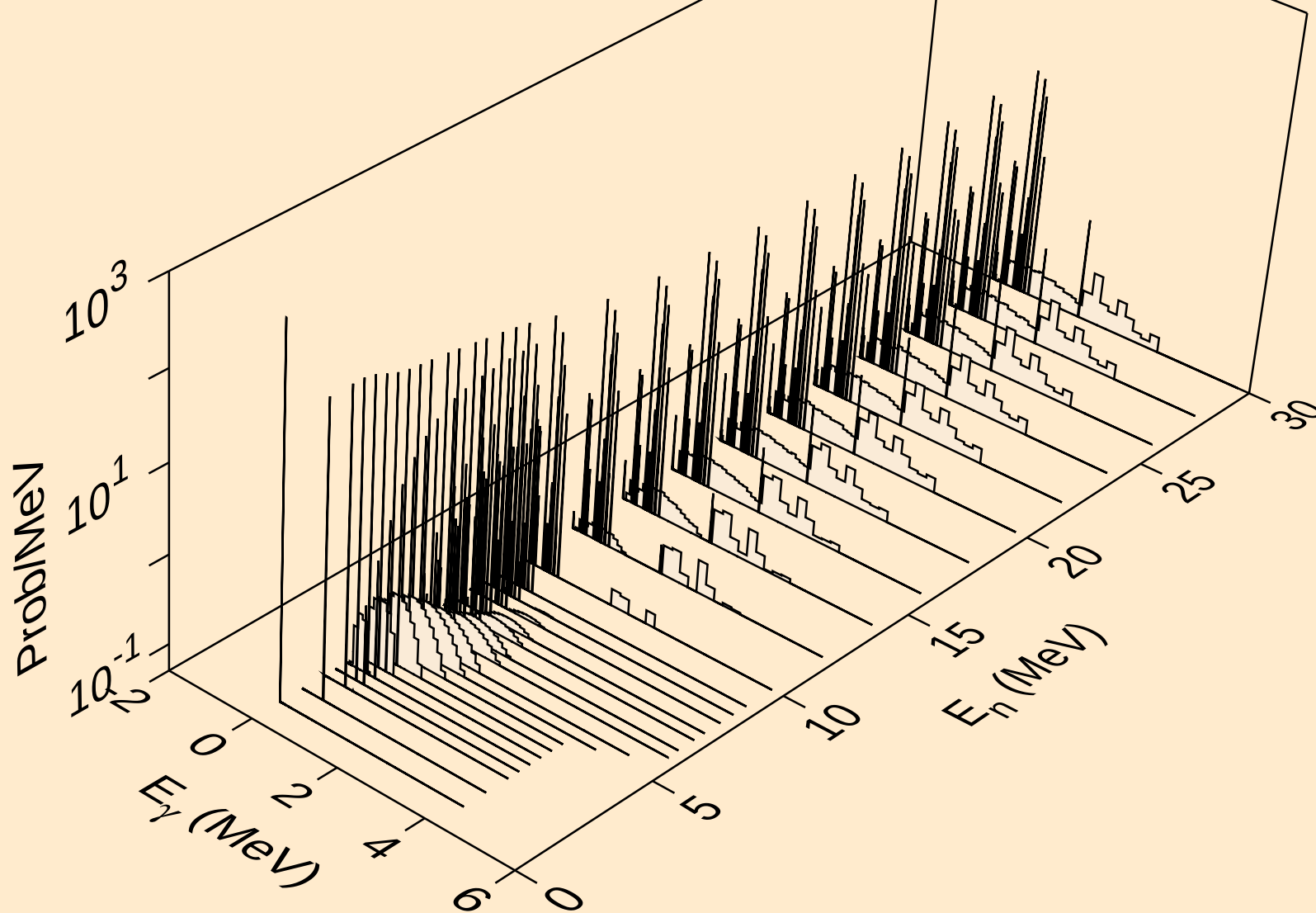
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



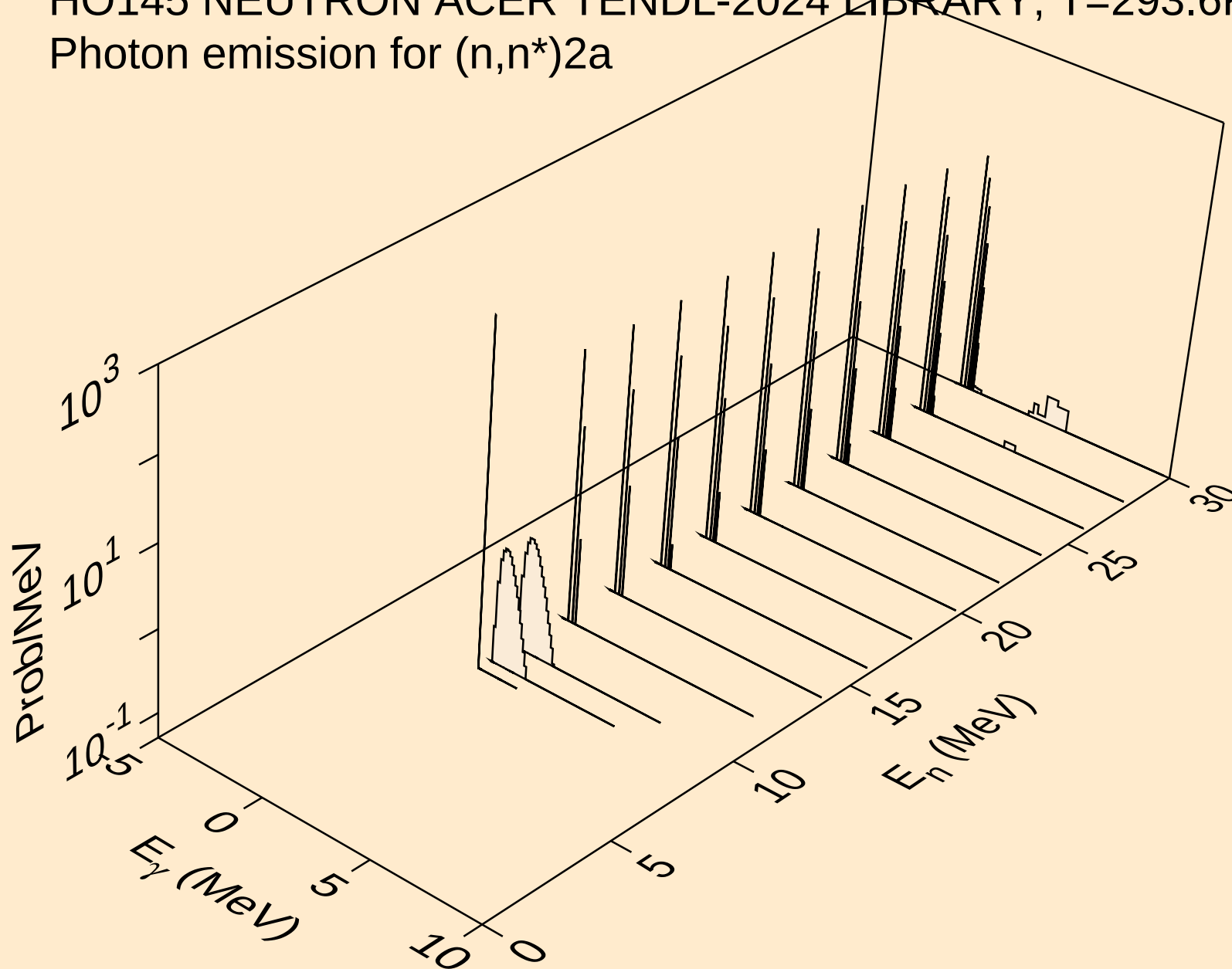
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



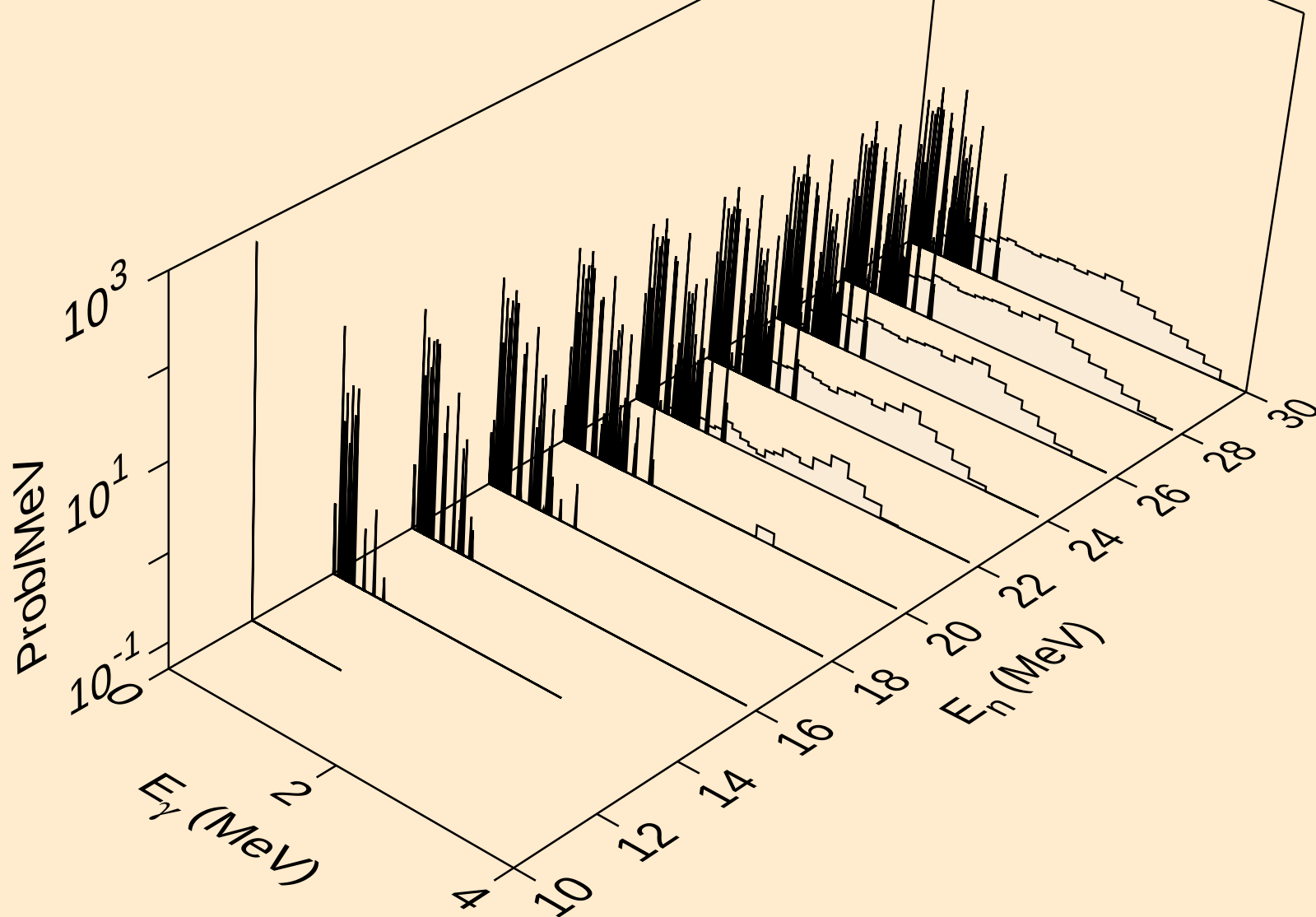
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



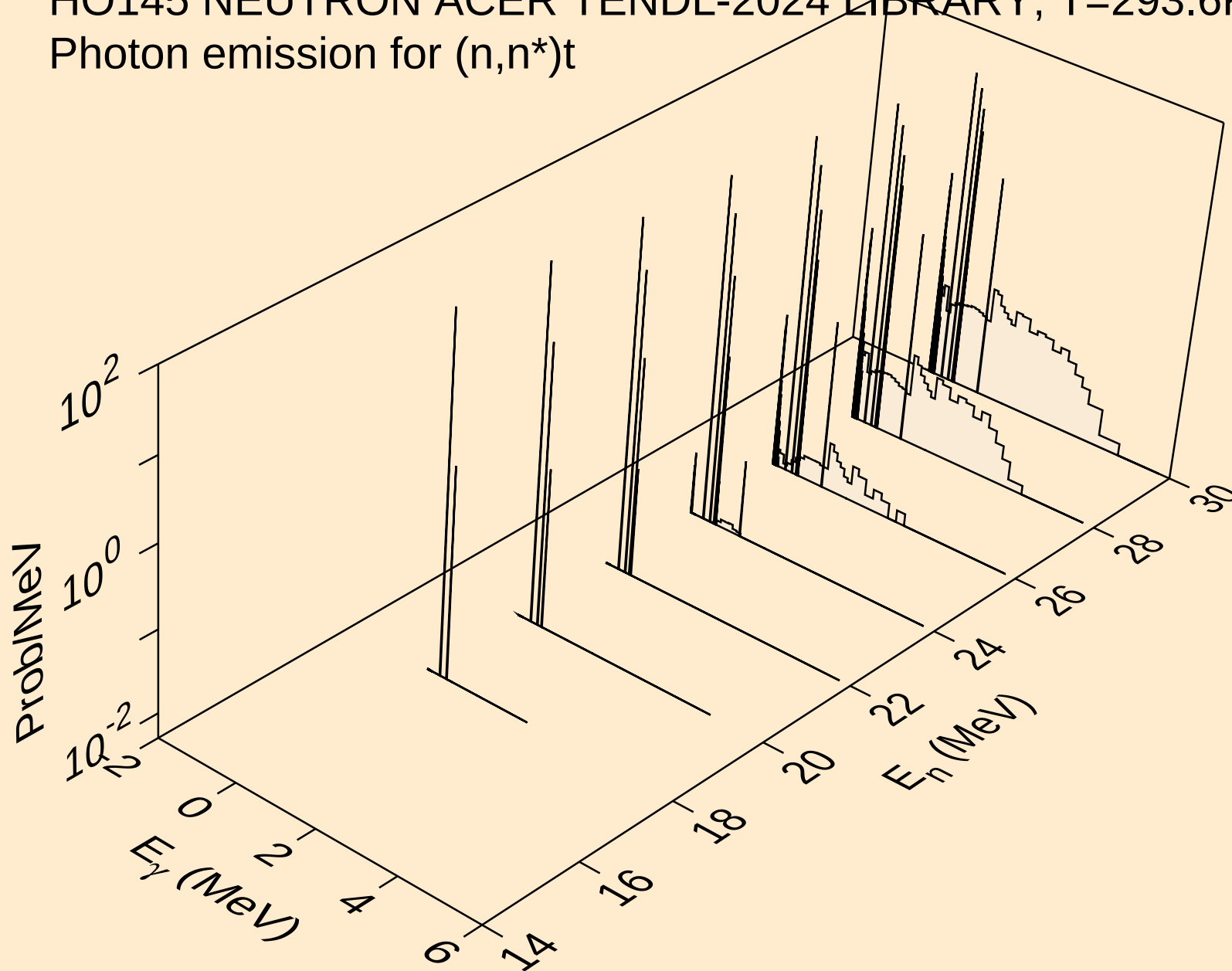
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



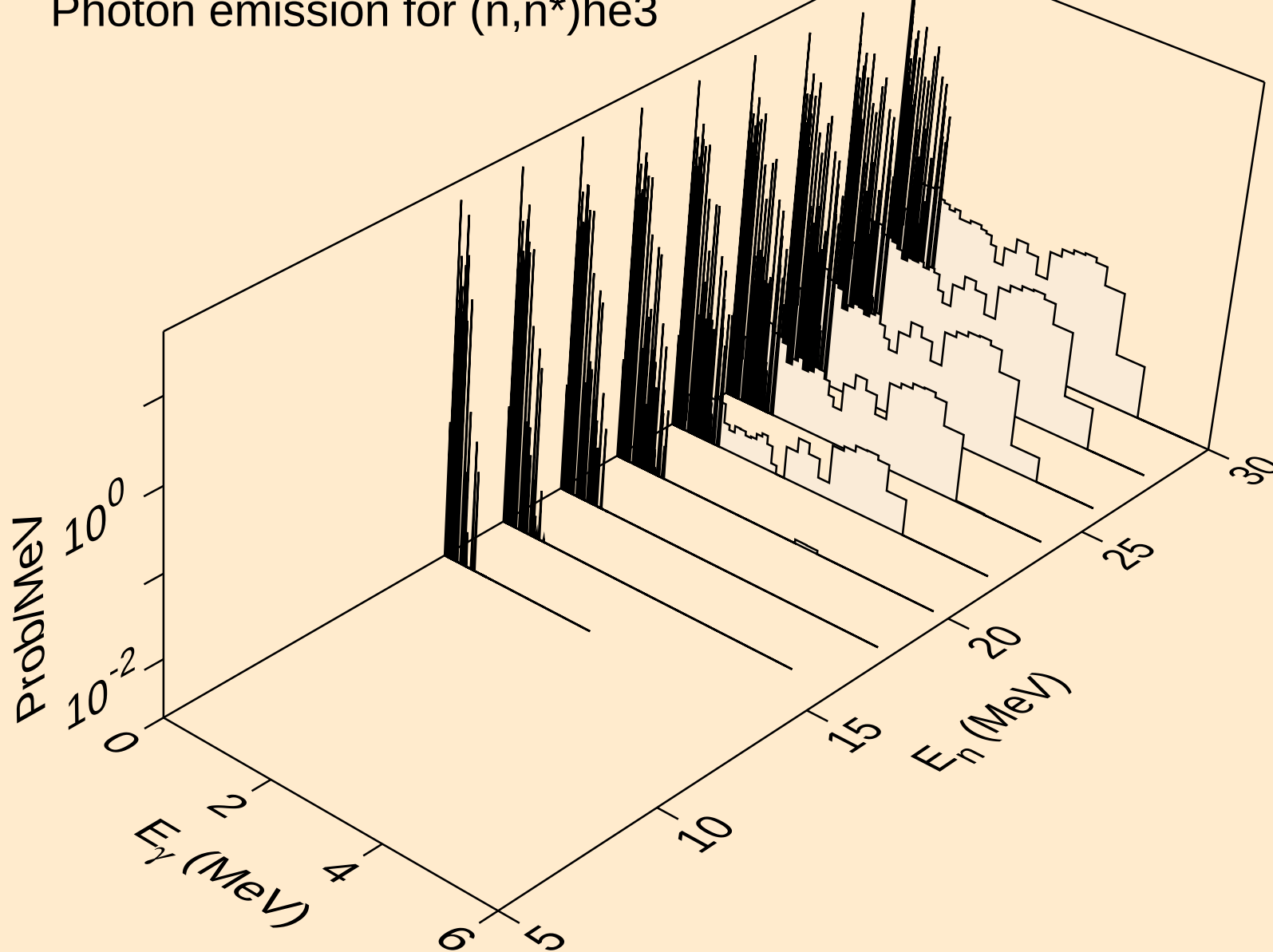
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



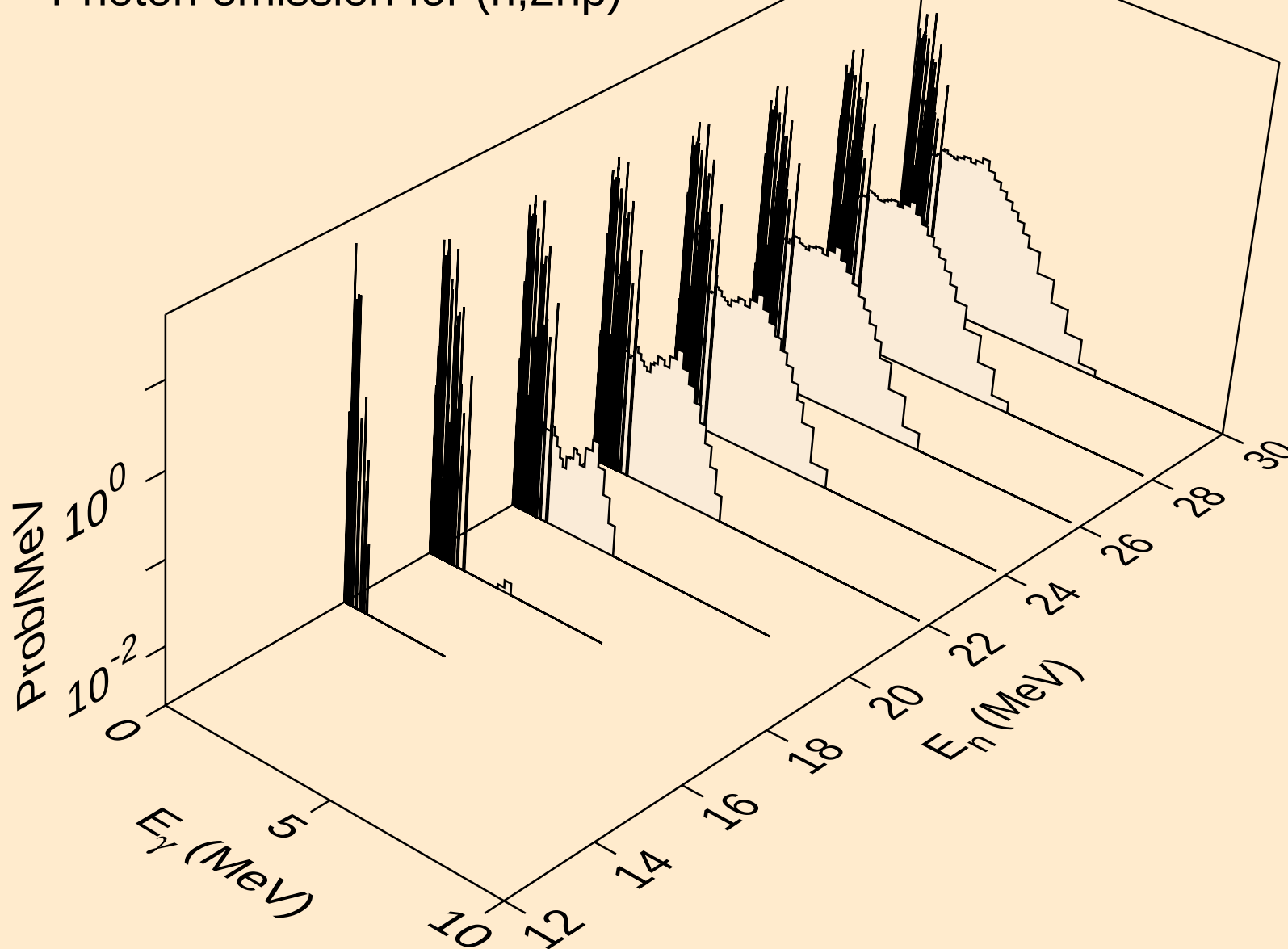
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



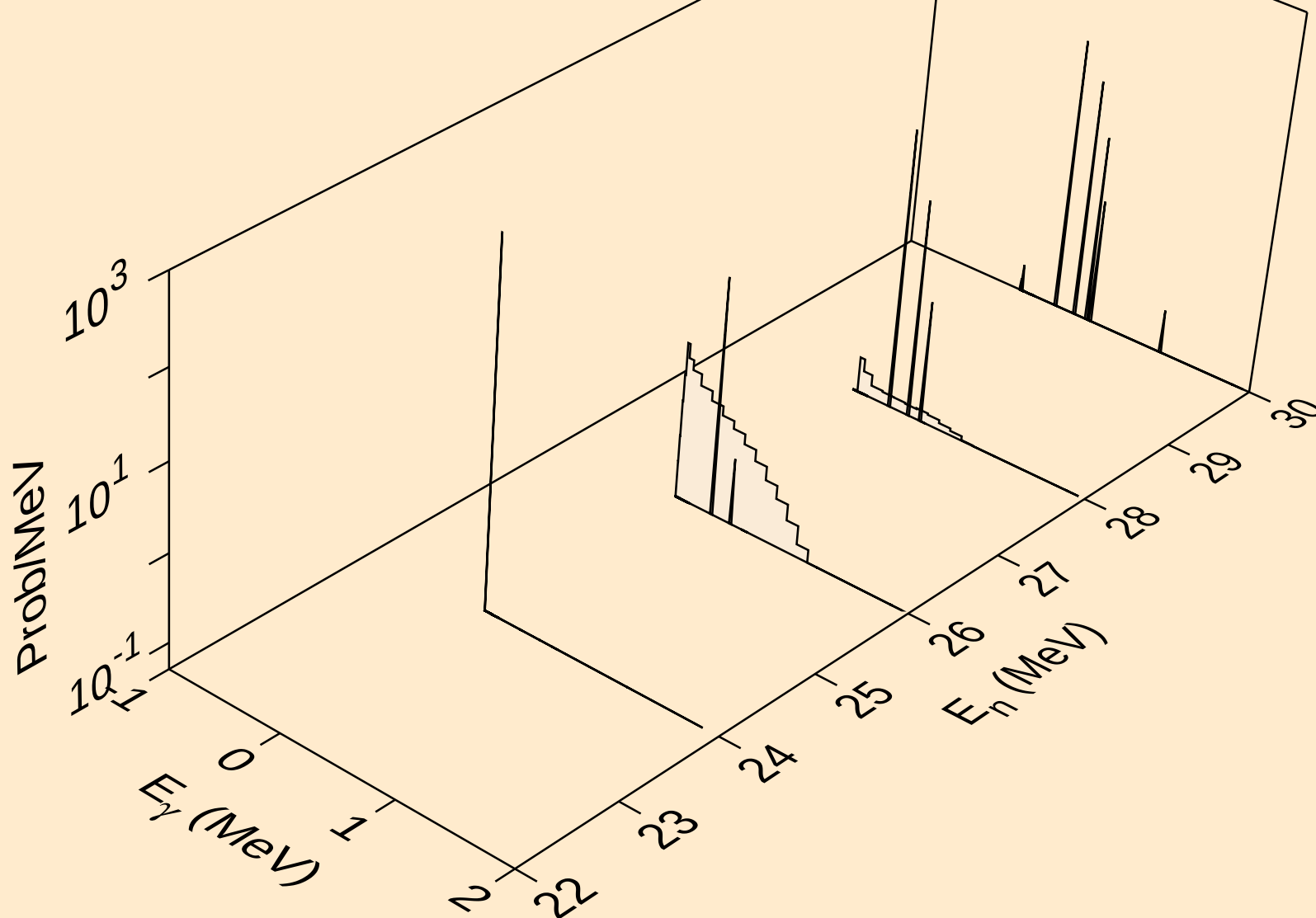
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



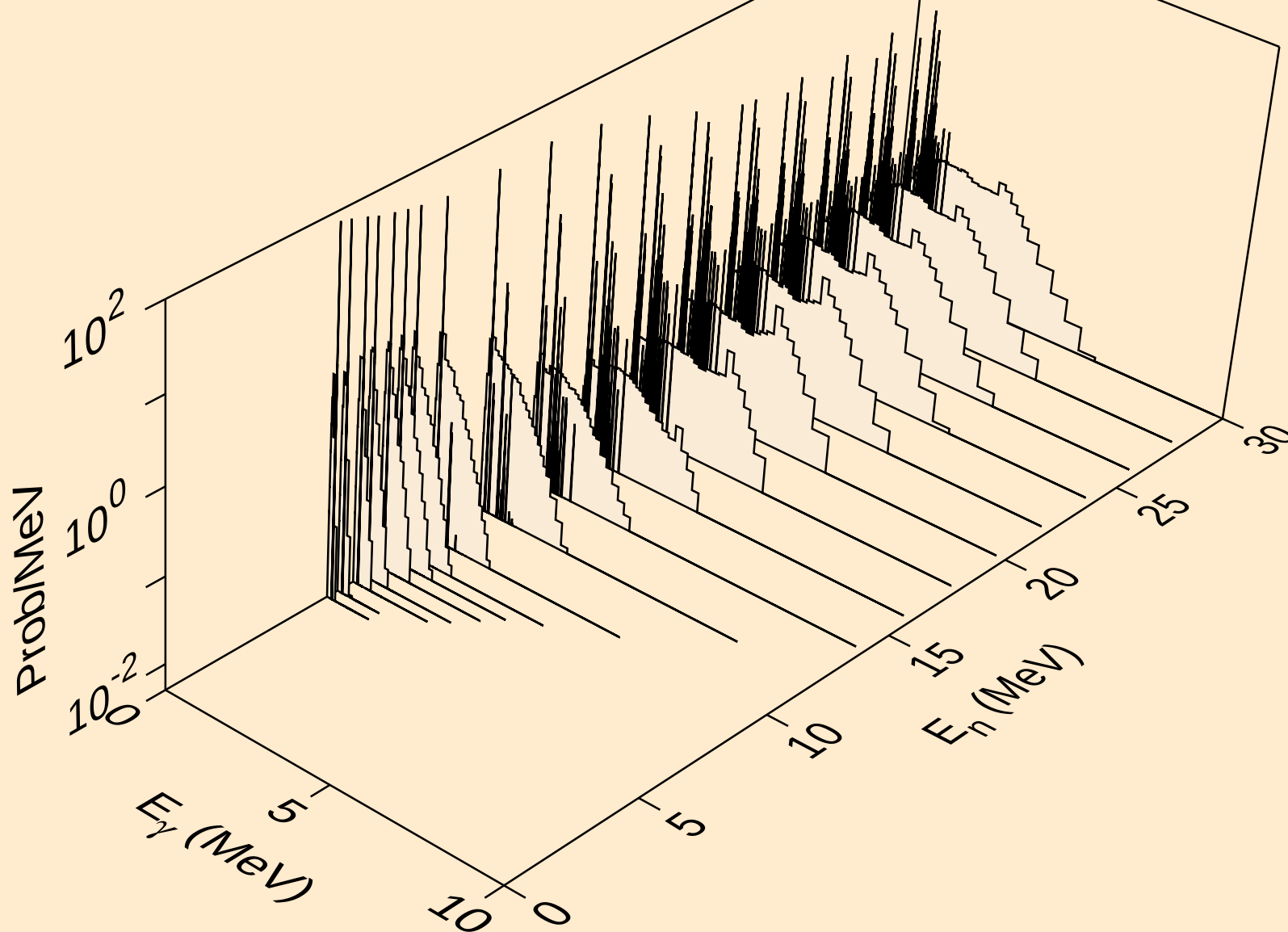
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



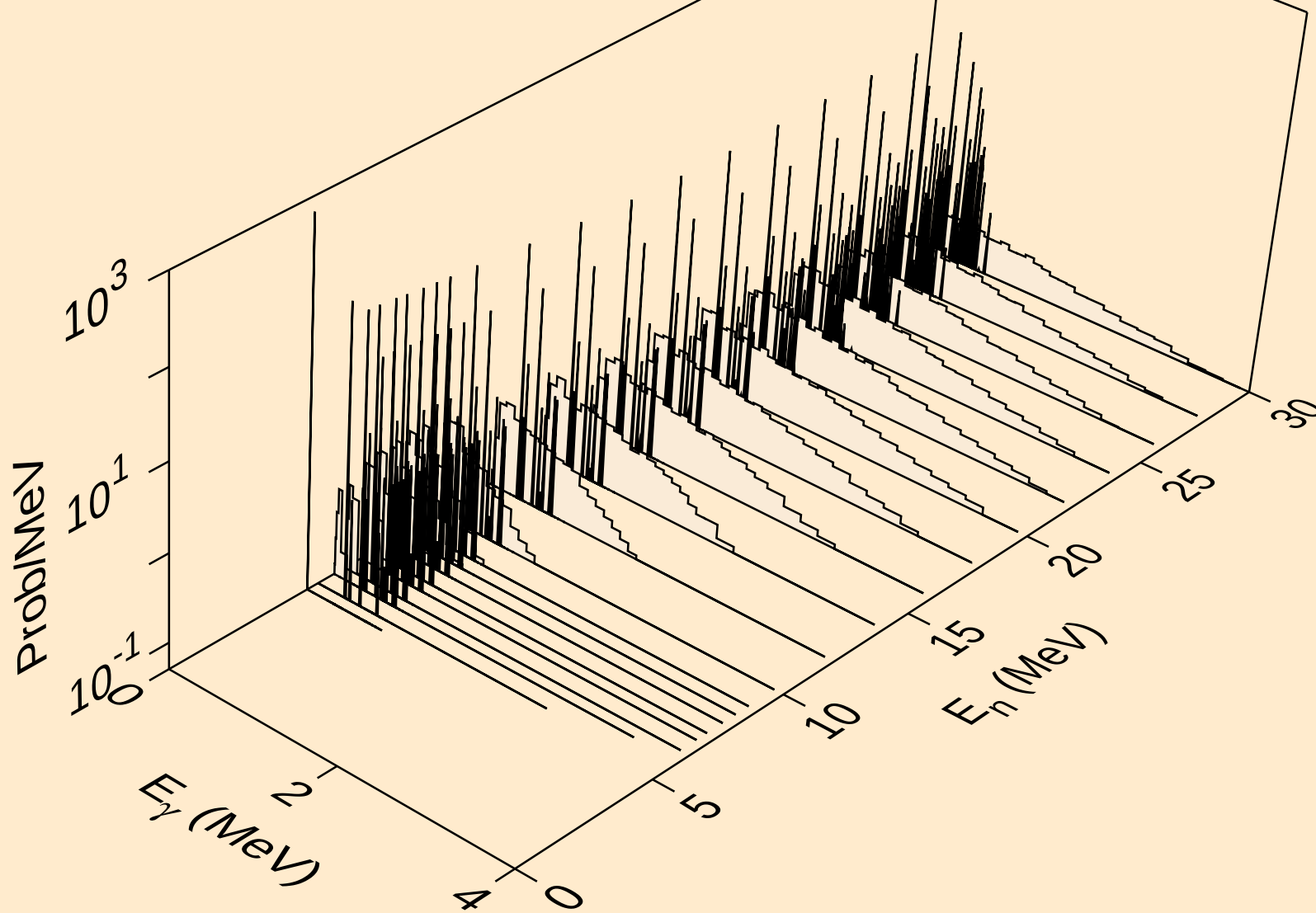
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



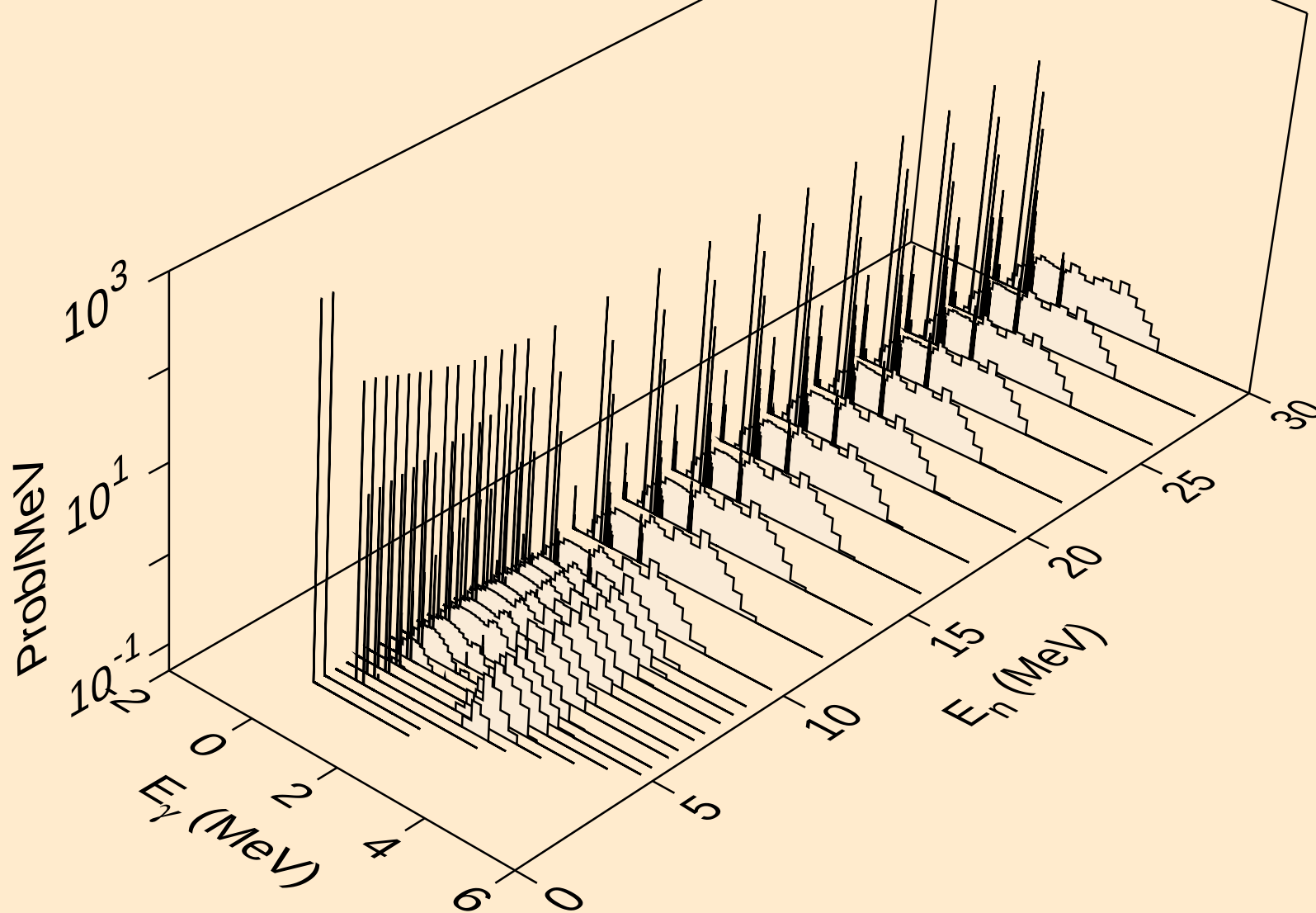
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



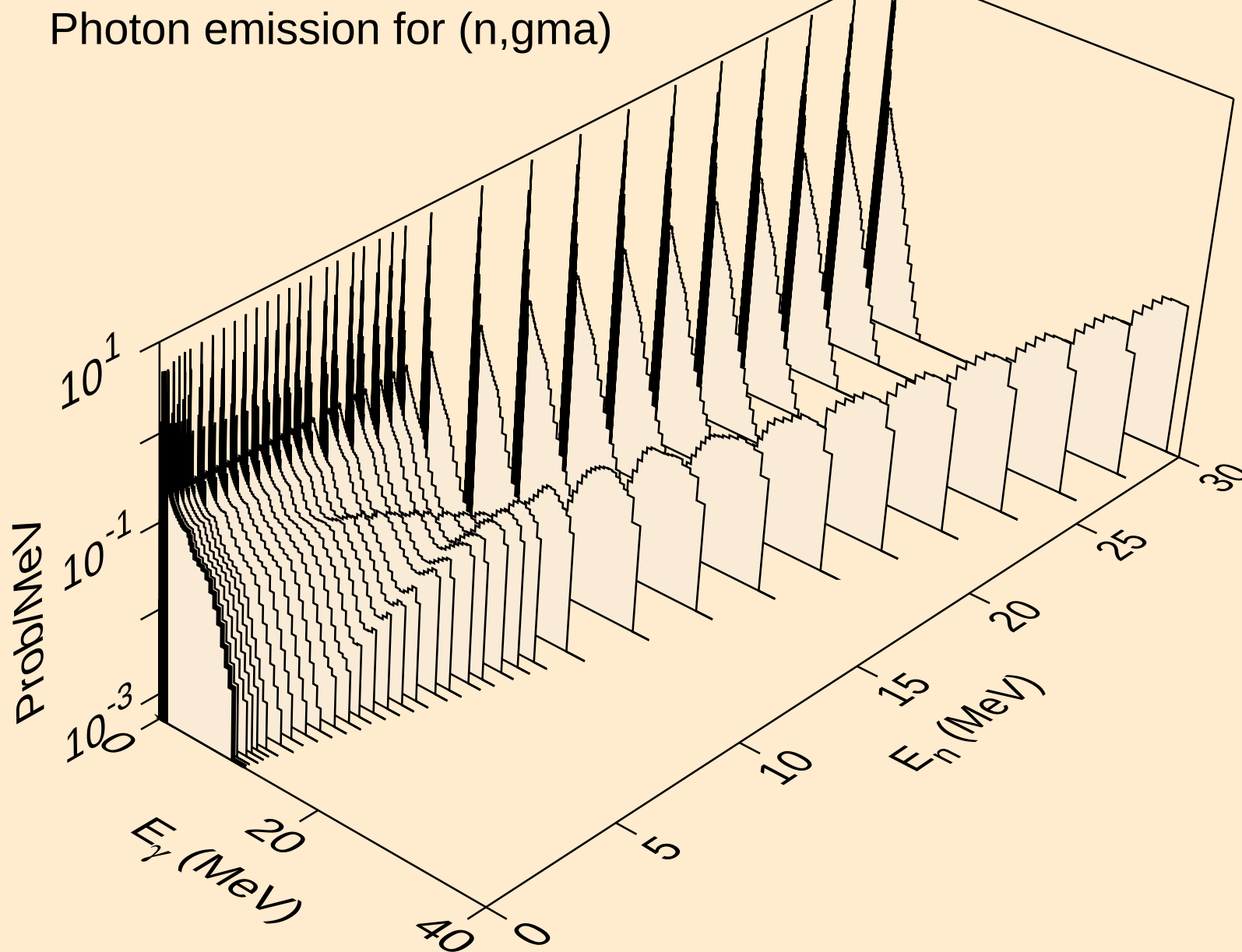
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



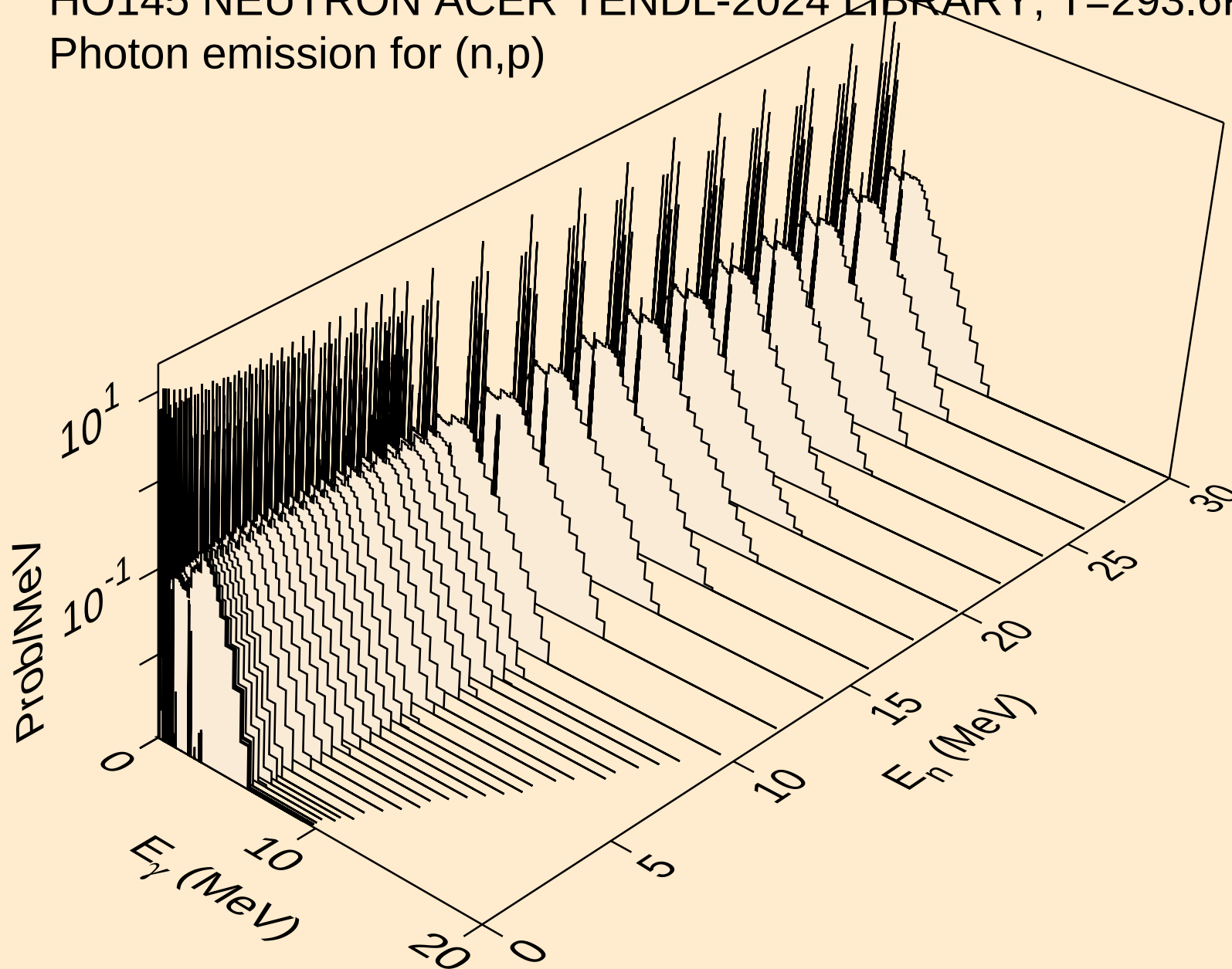
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



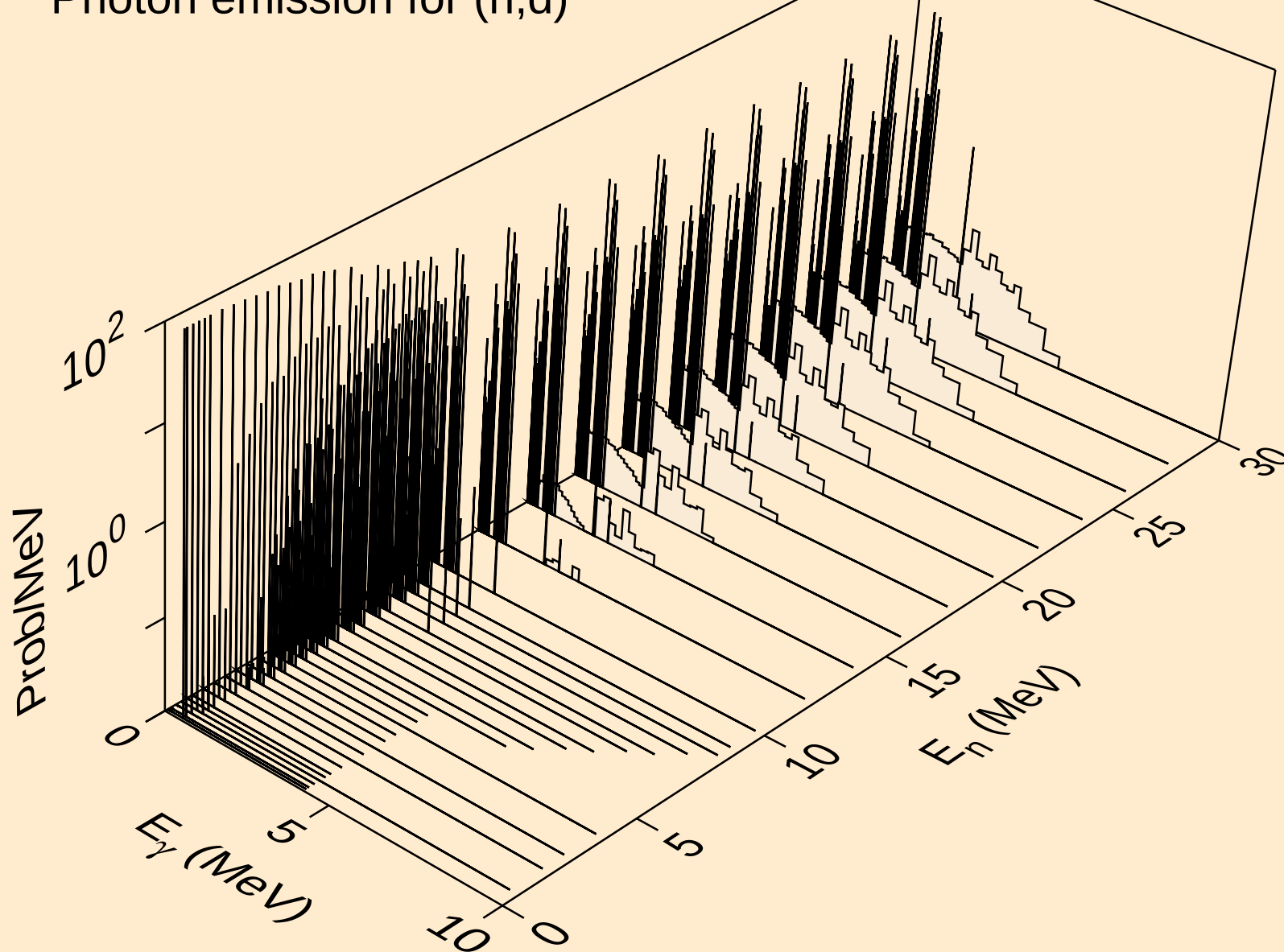
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



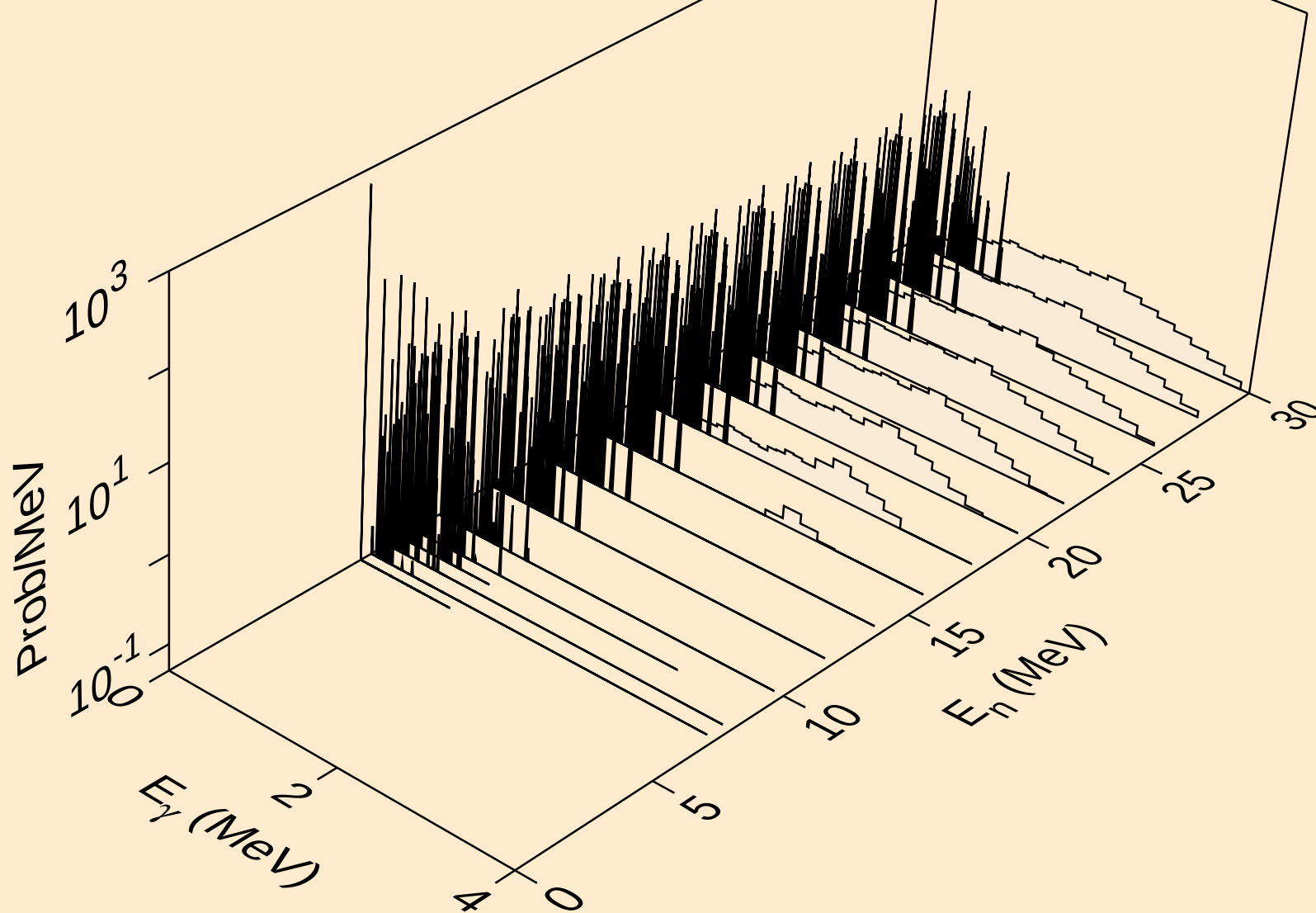
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



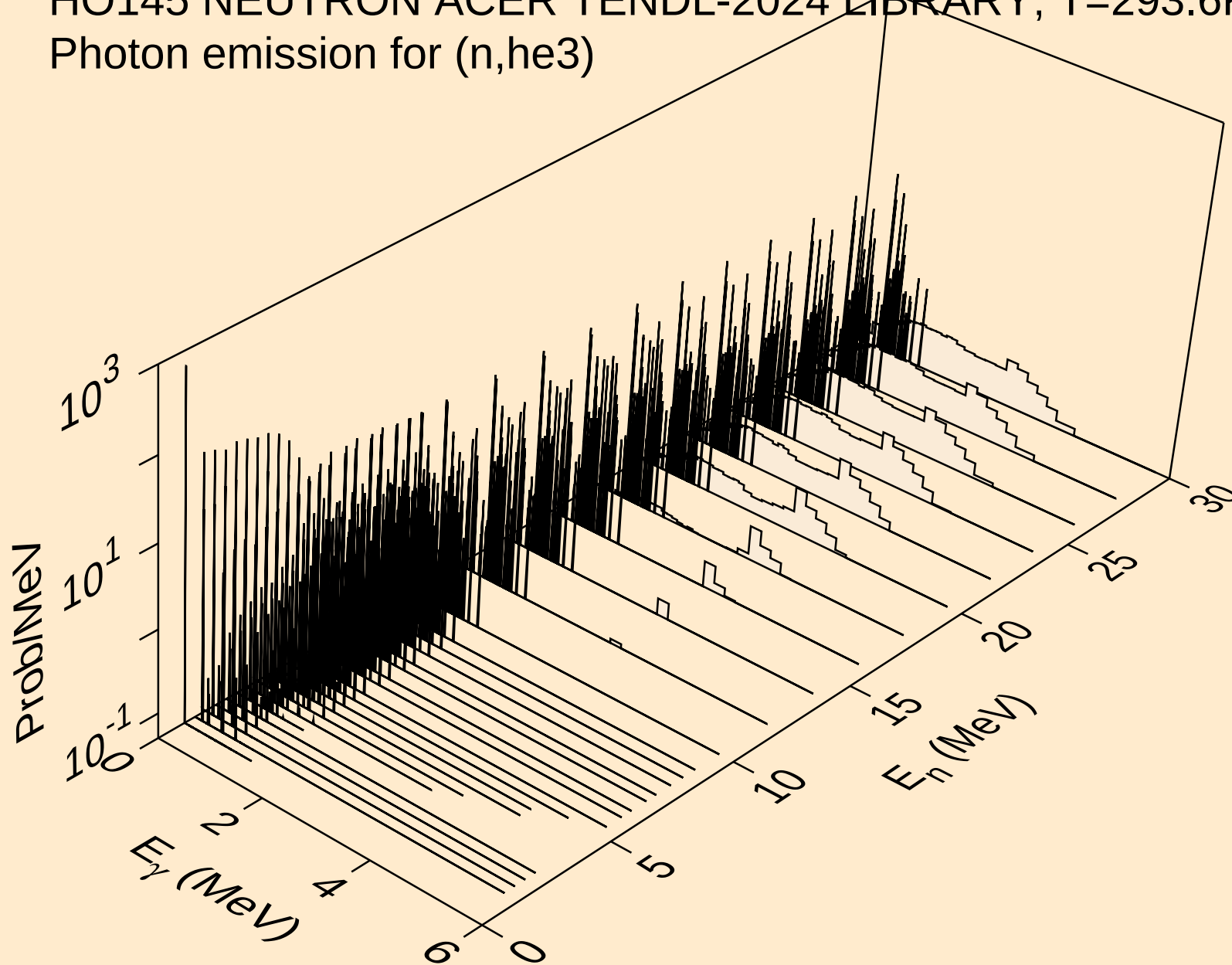
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



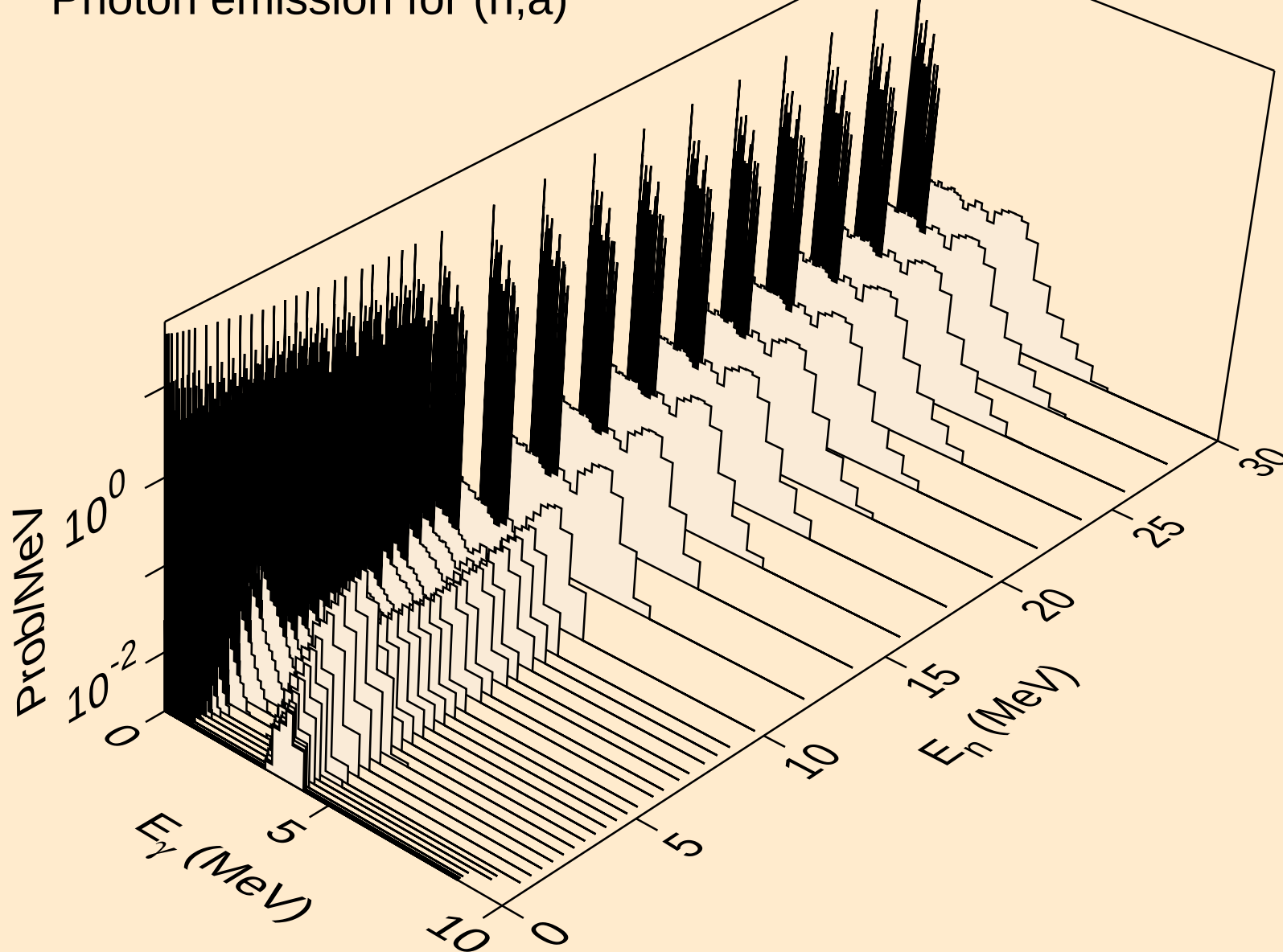
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



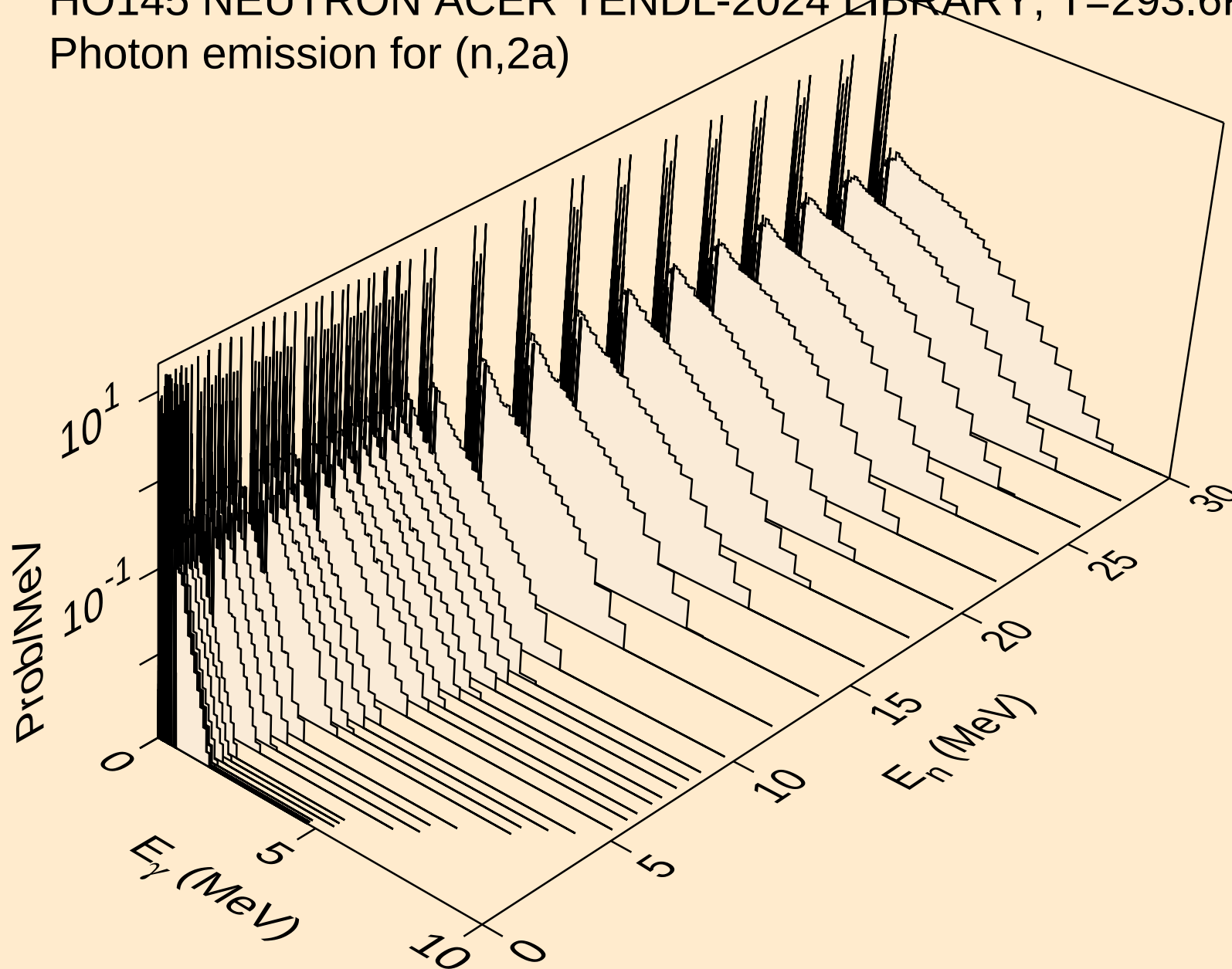
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



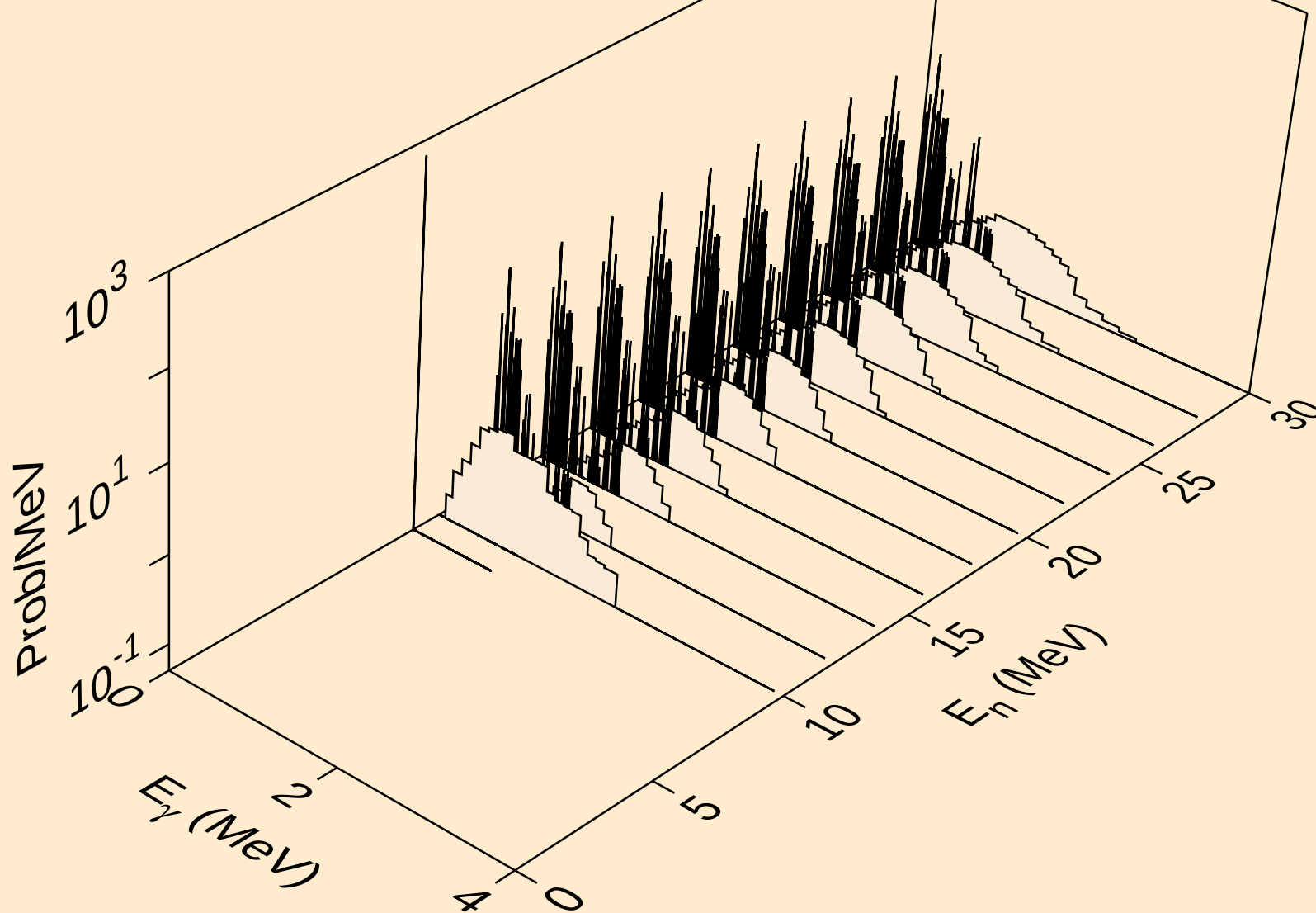
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



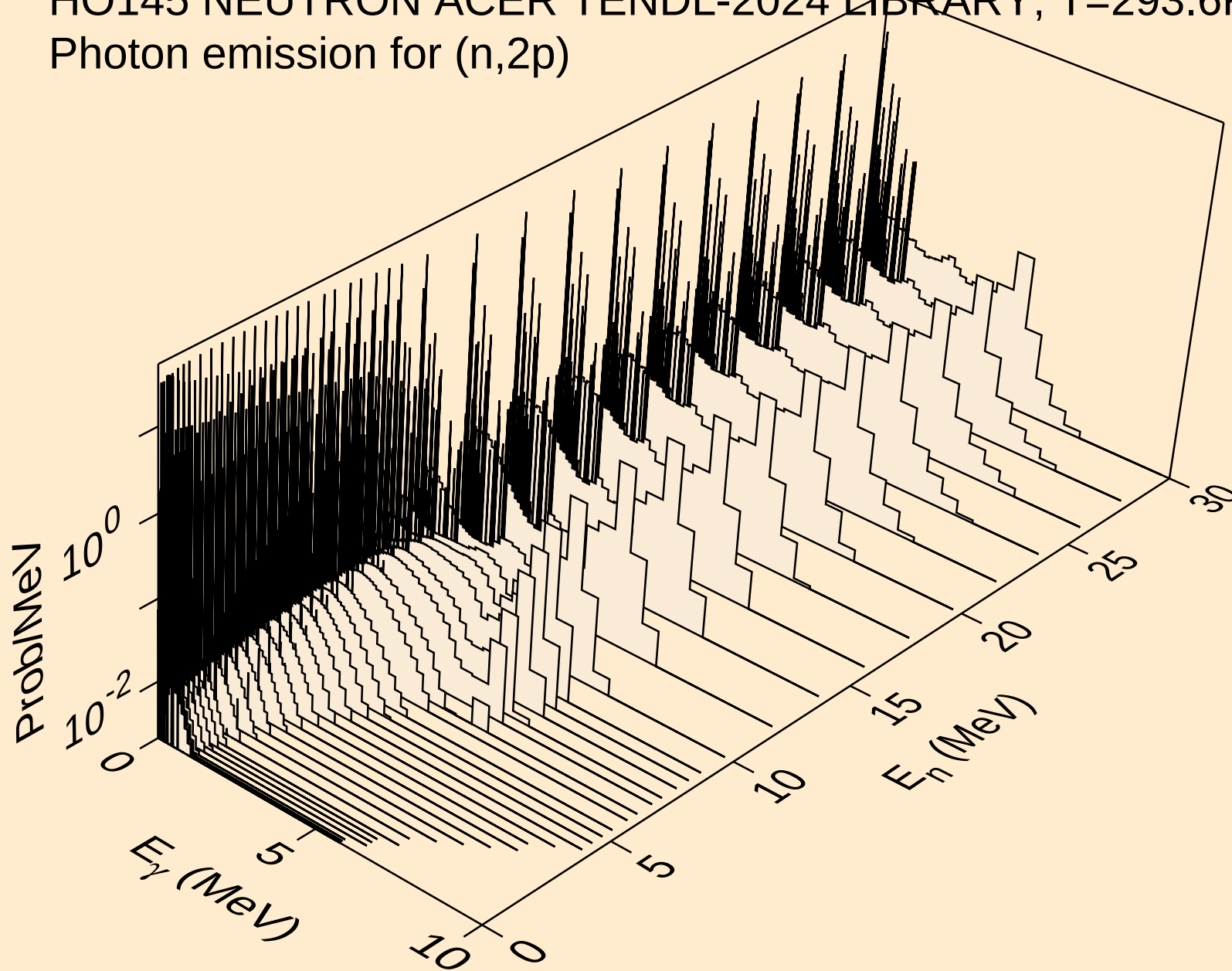
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



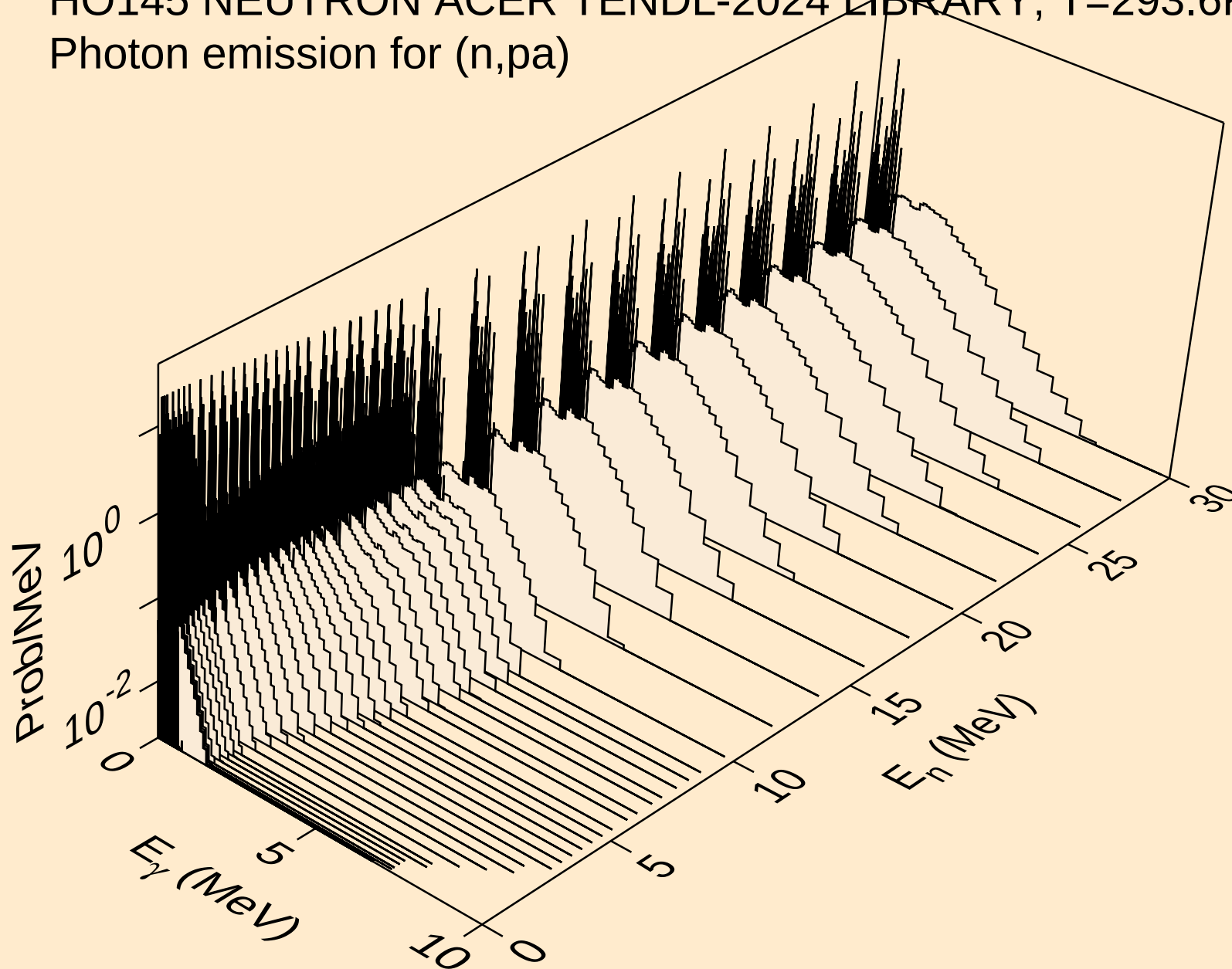
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3a)



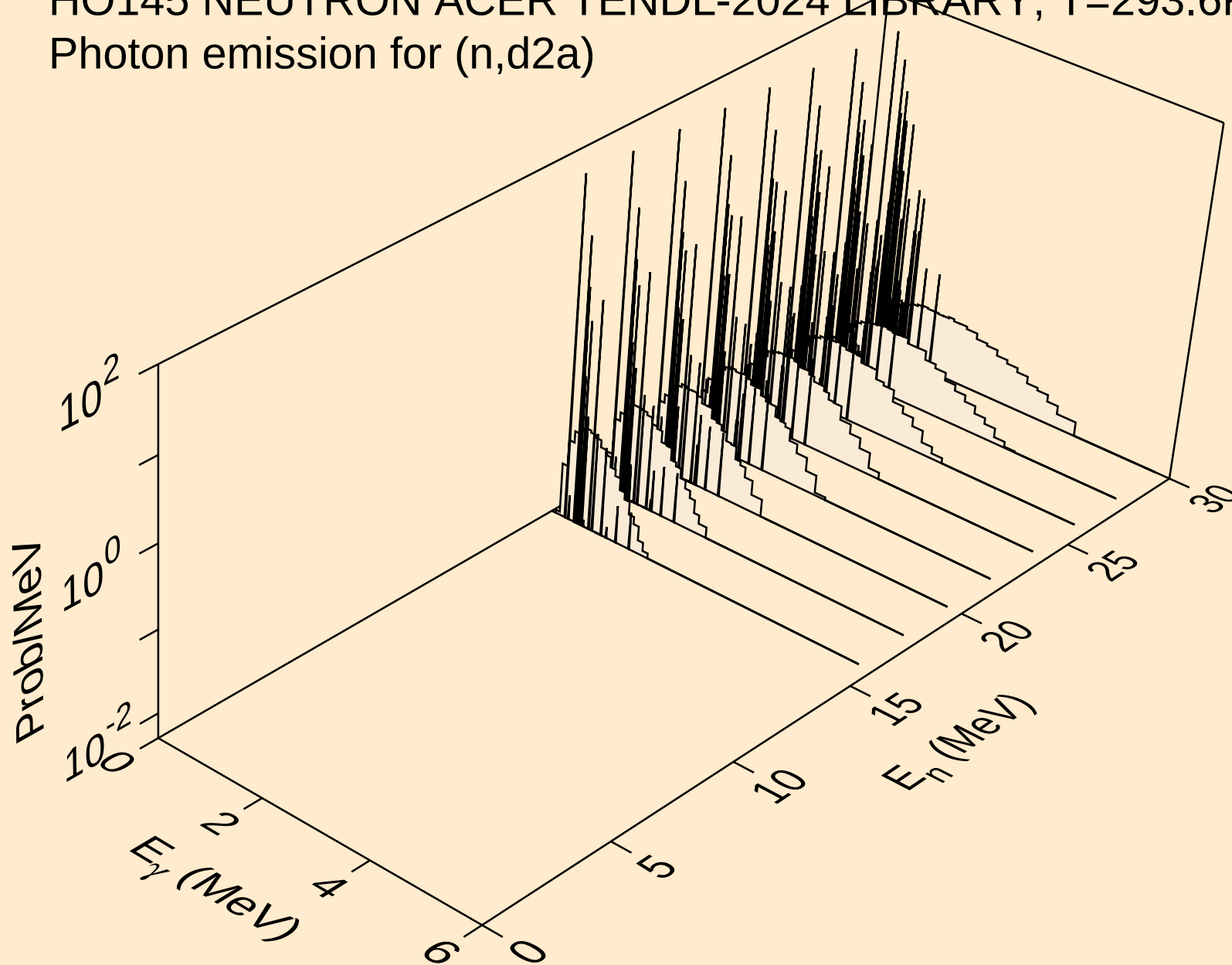
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



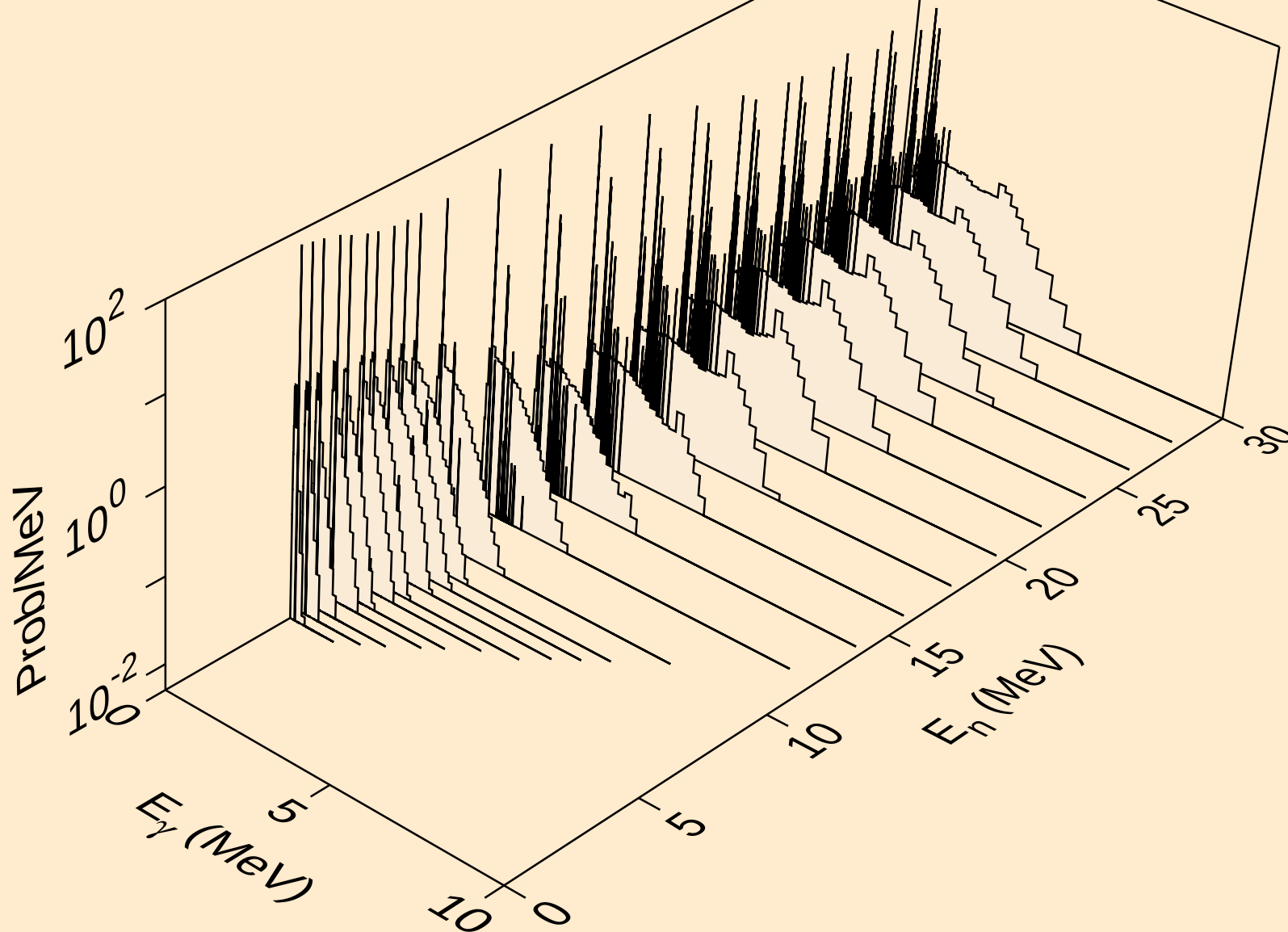
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



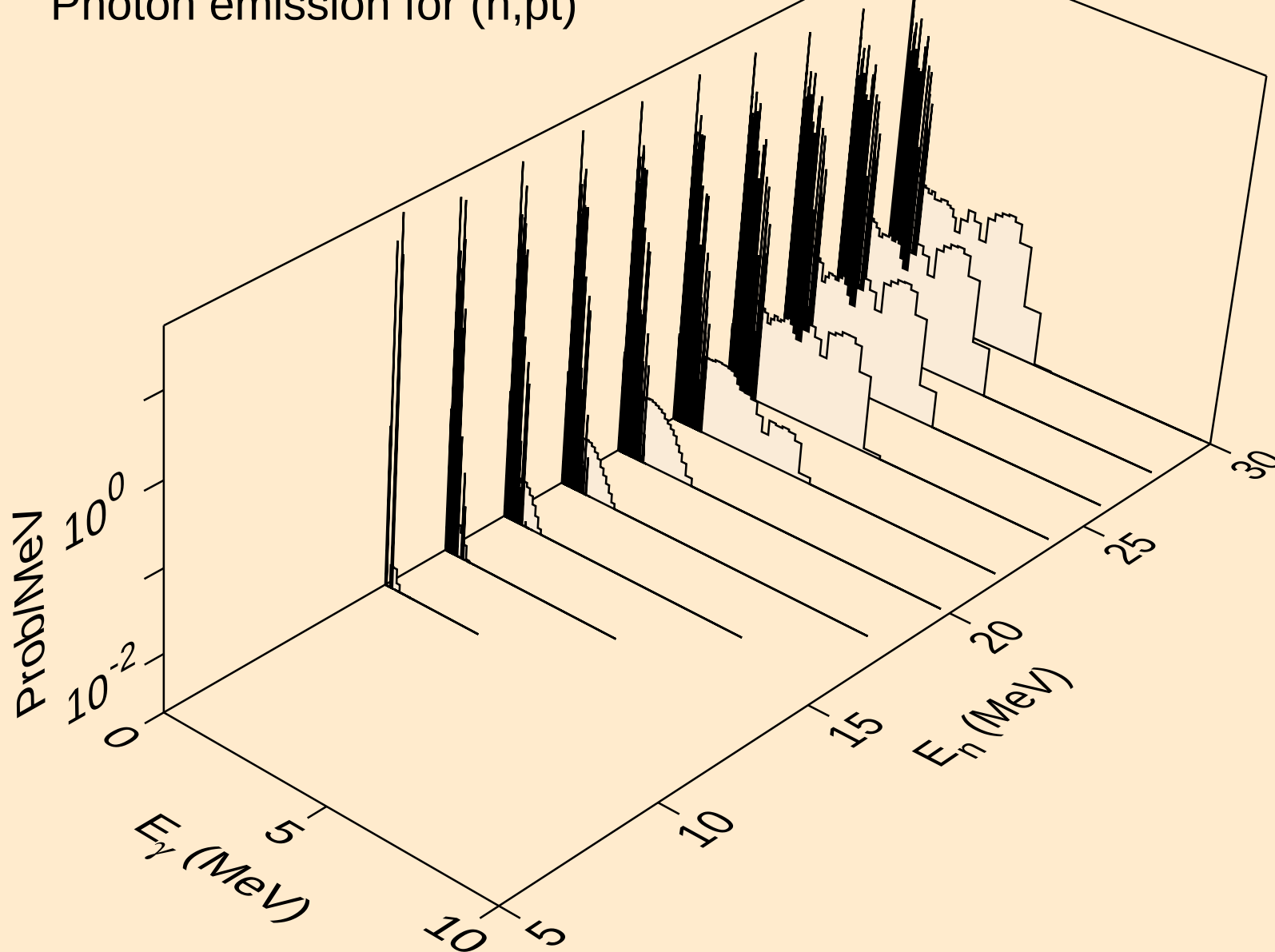
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d2a)



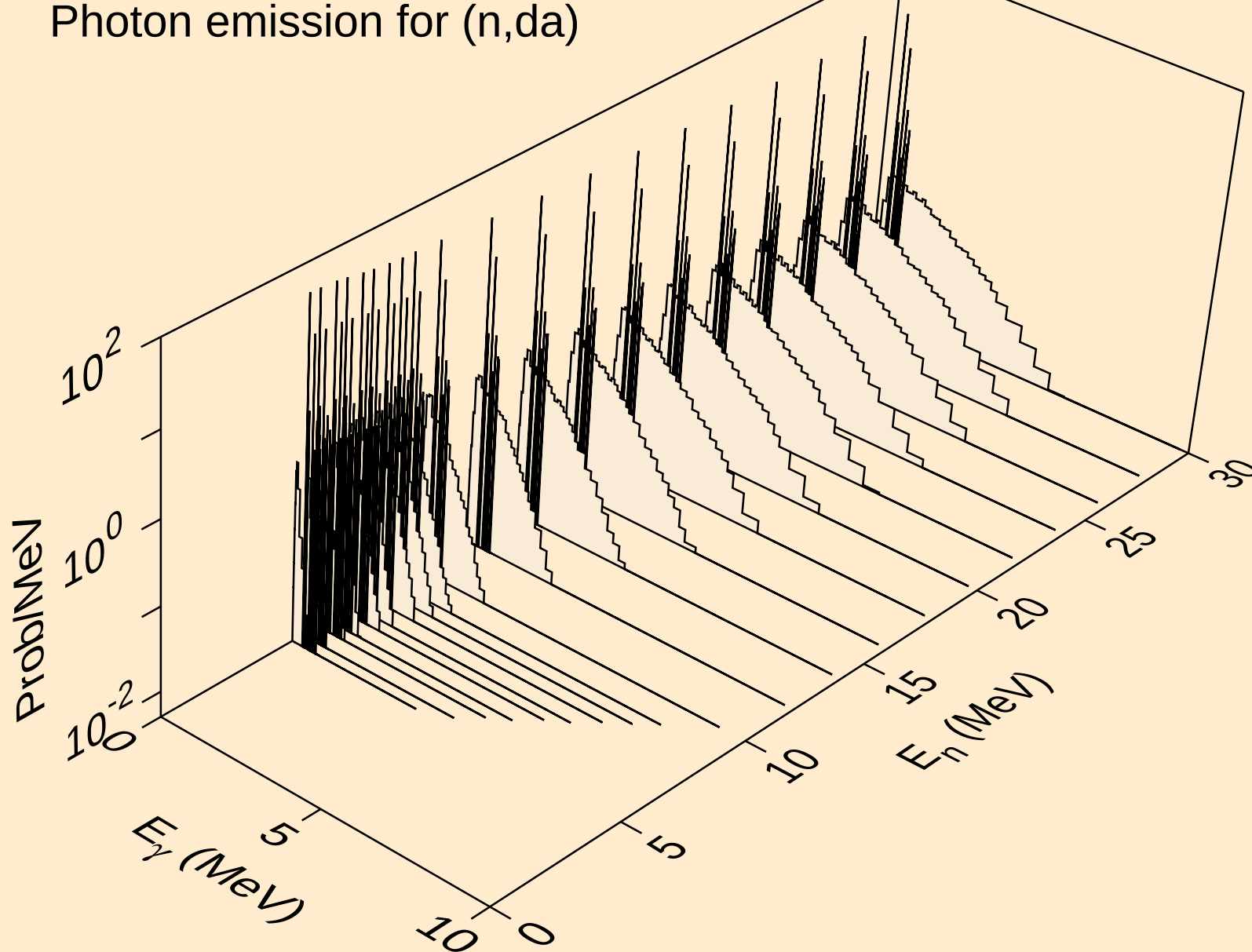
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



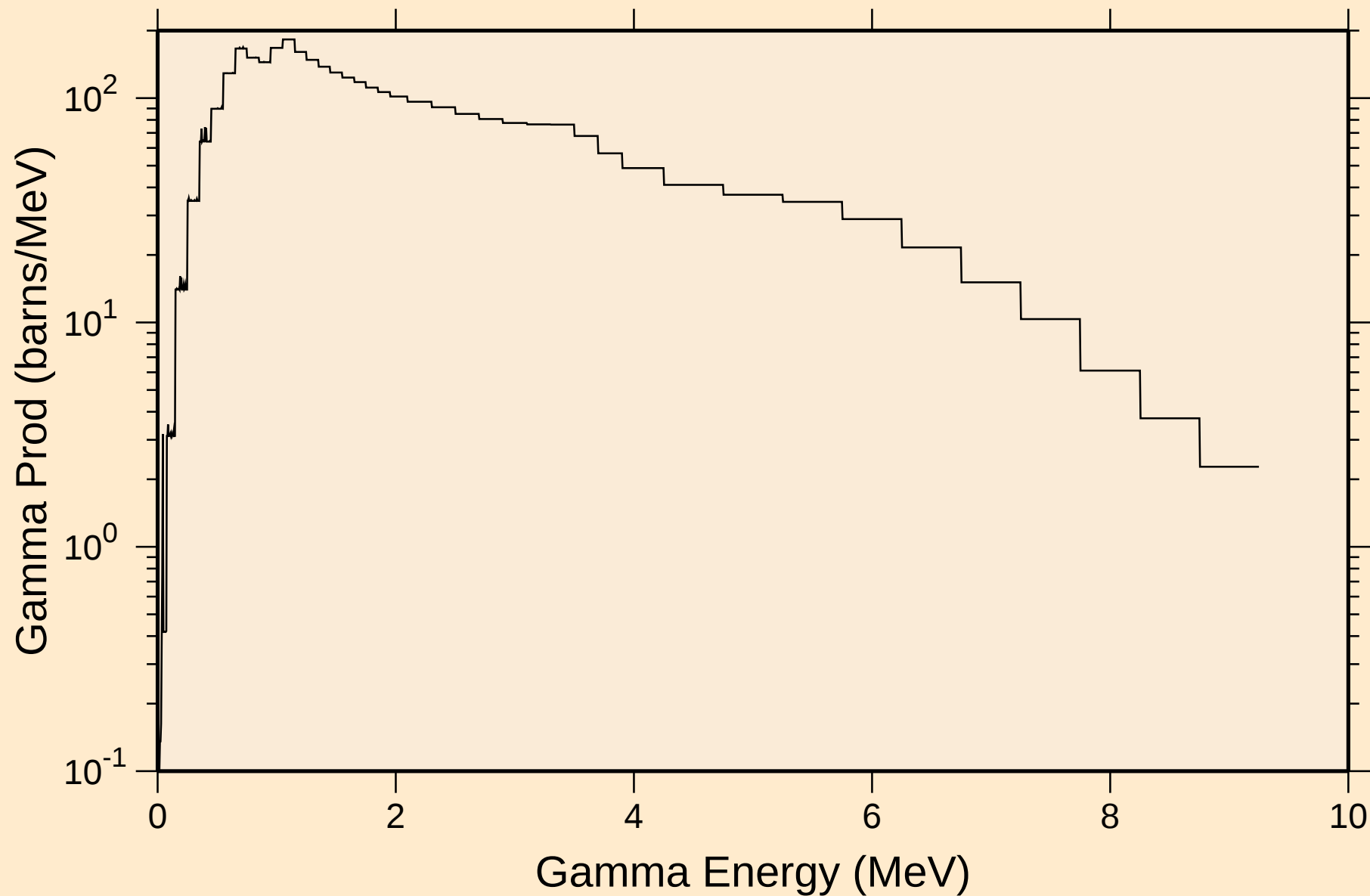
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



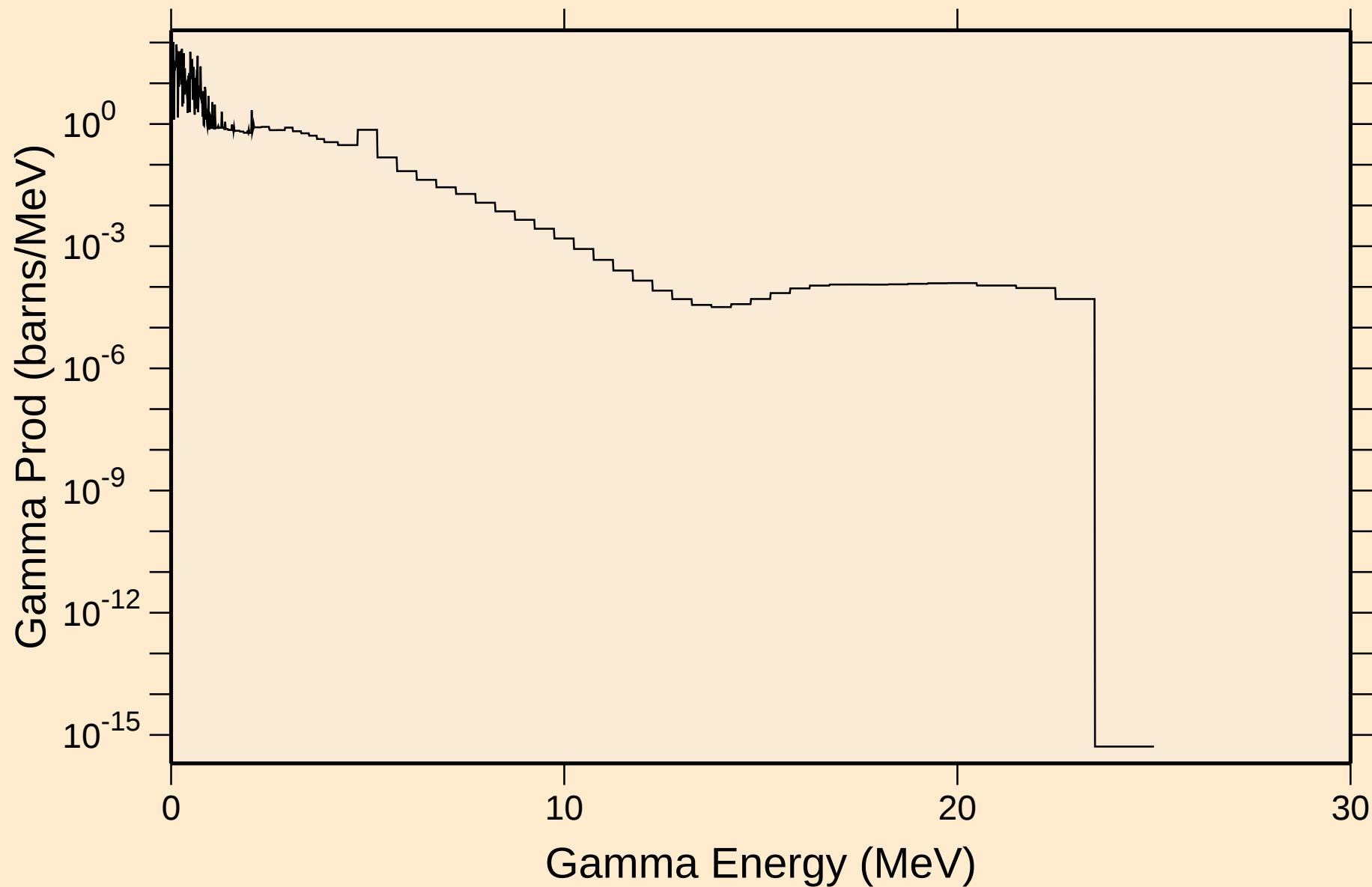
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

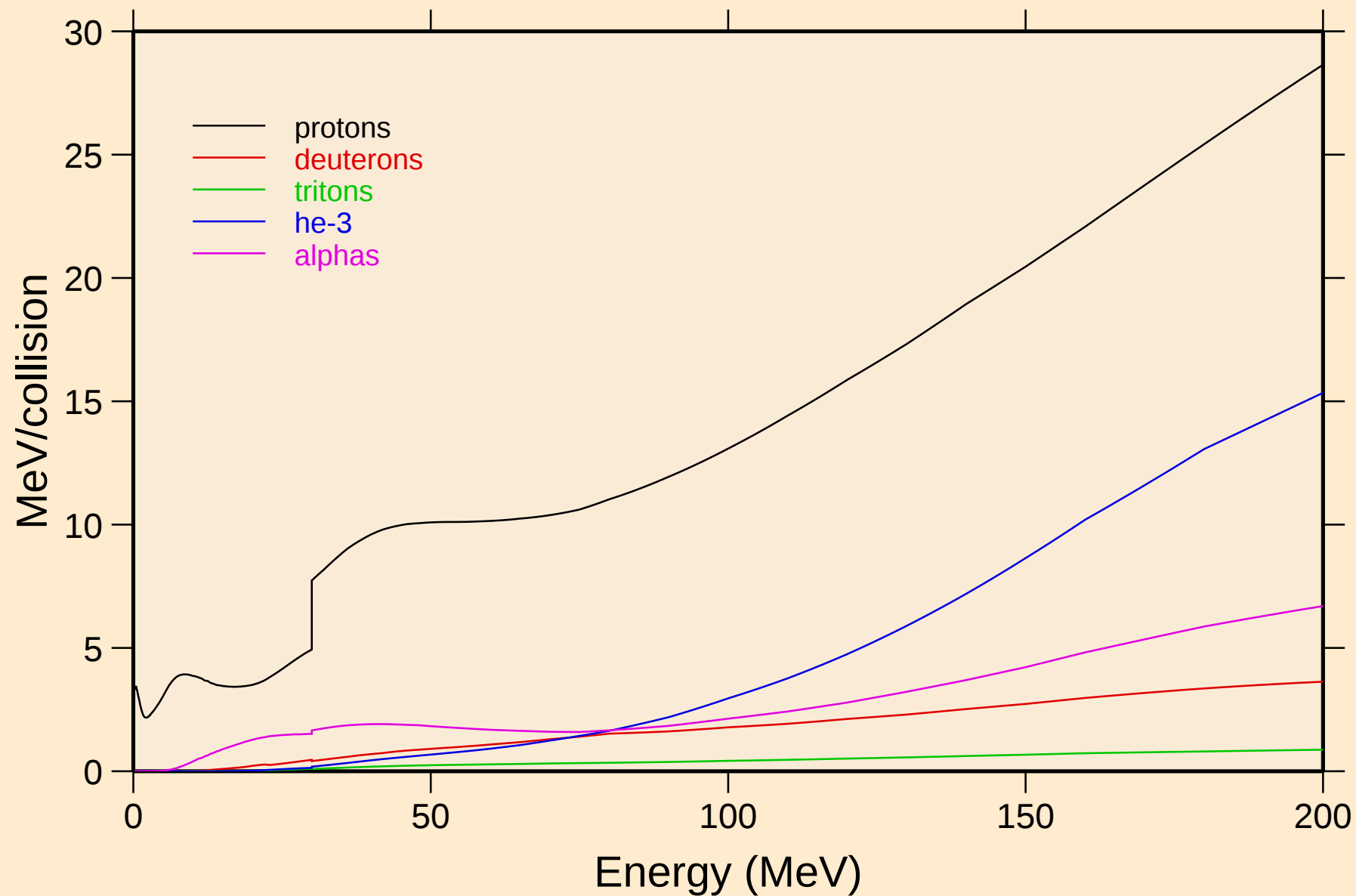


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

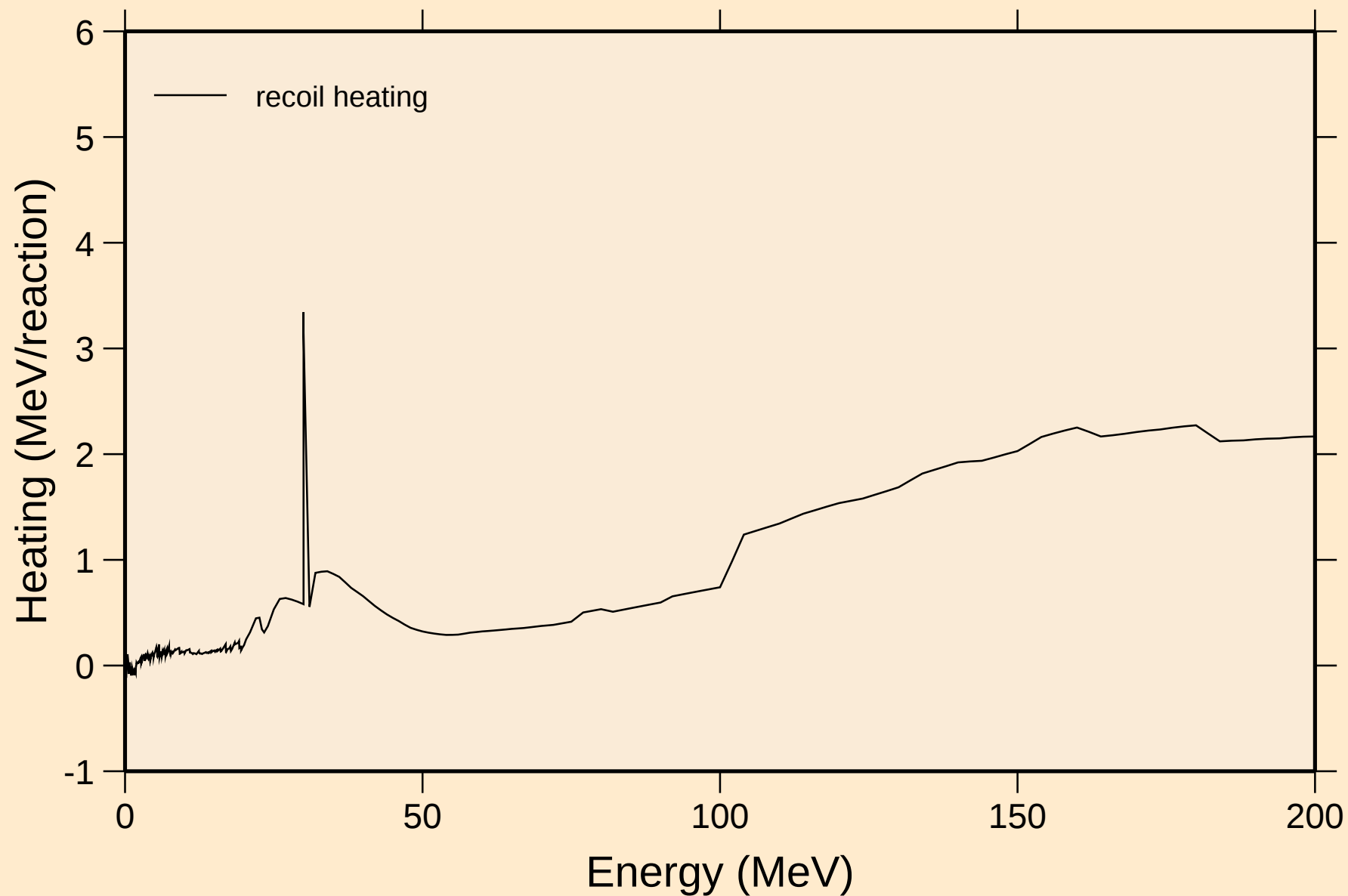


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

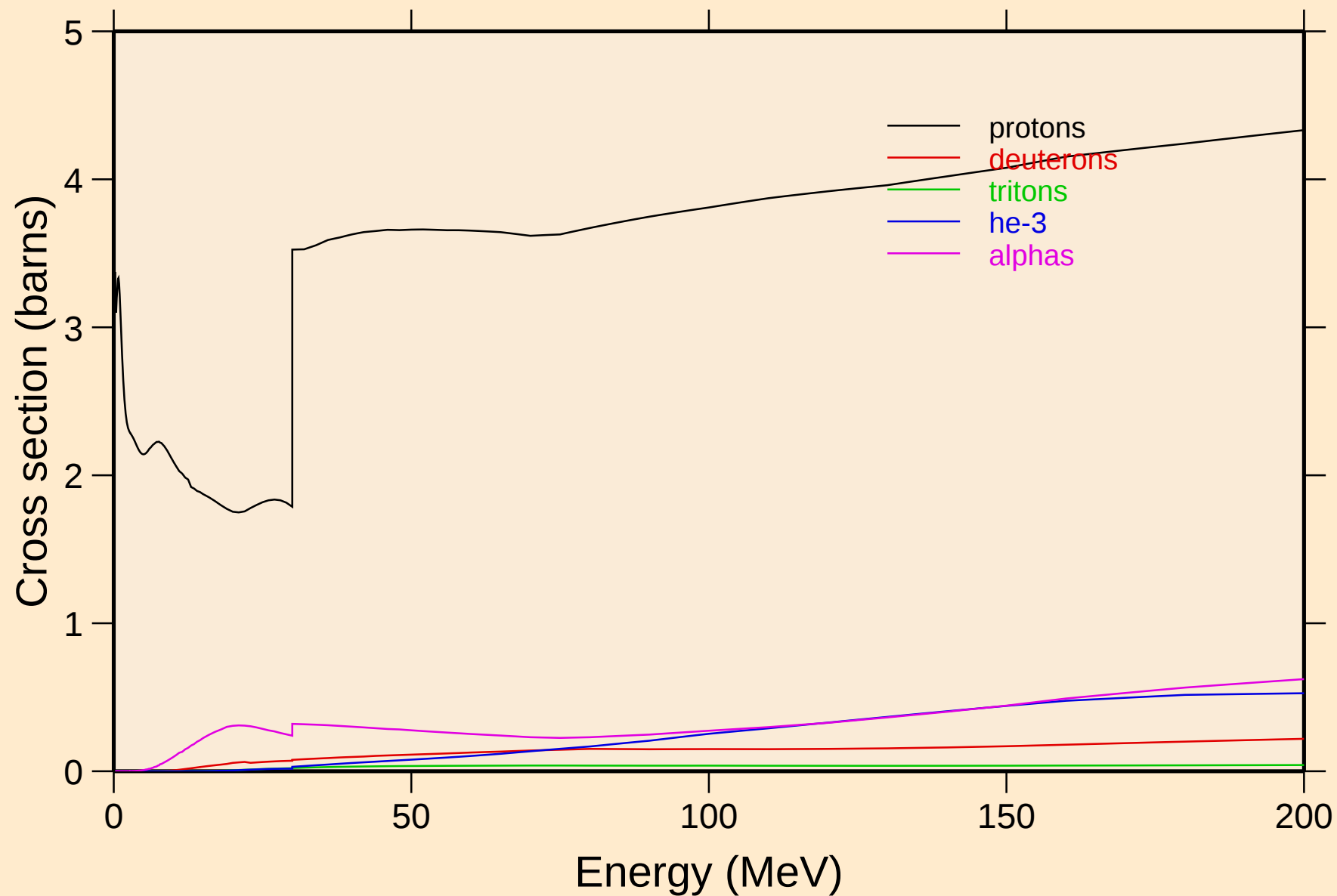


HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

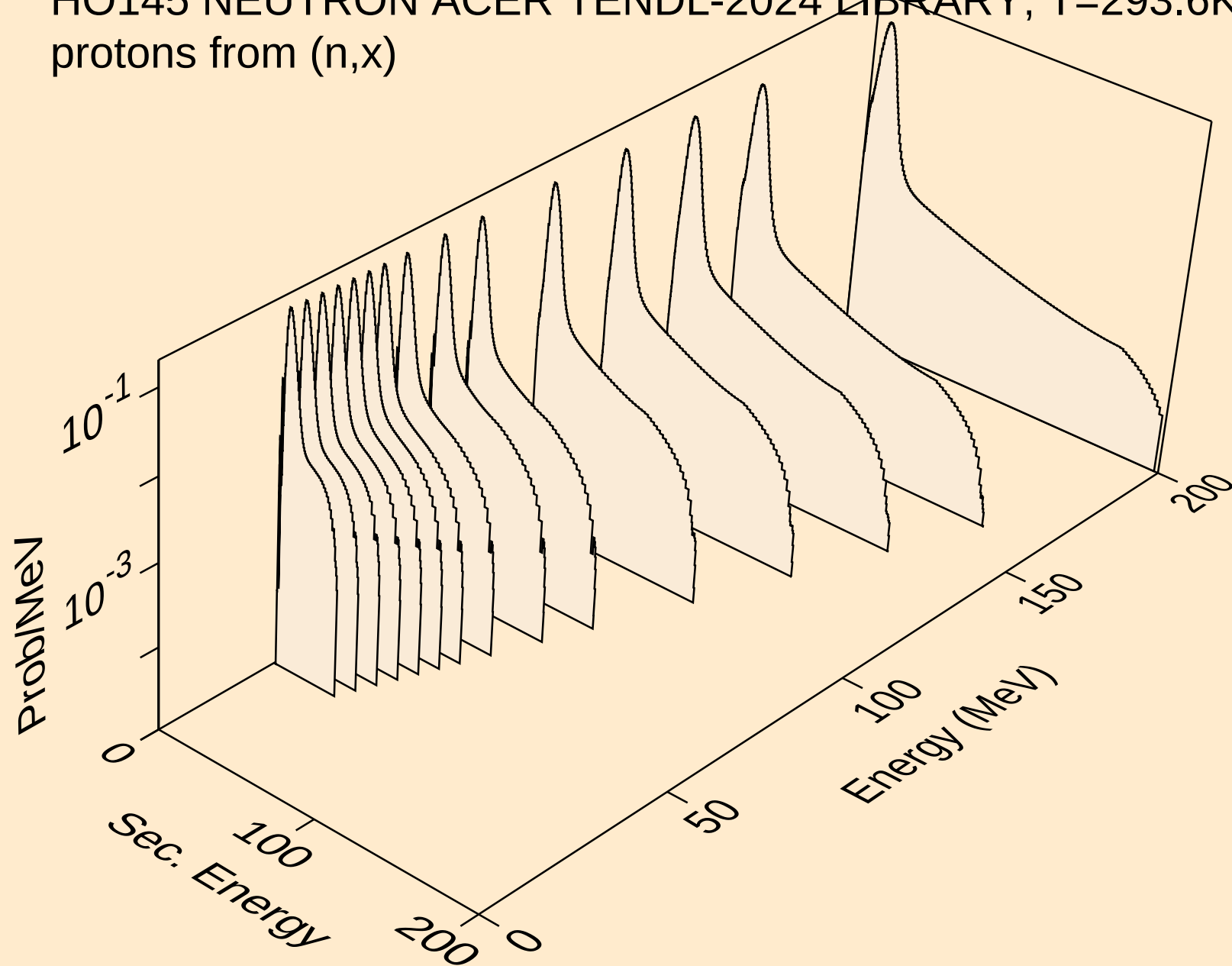


# HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

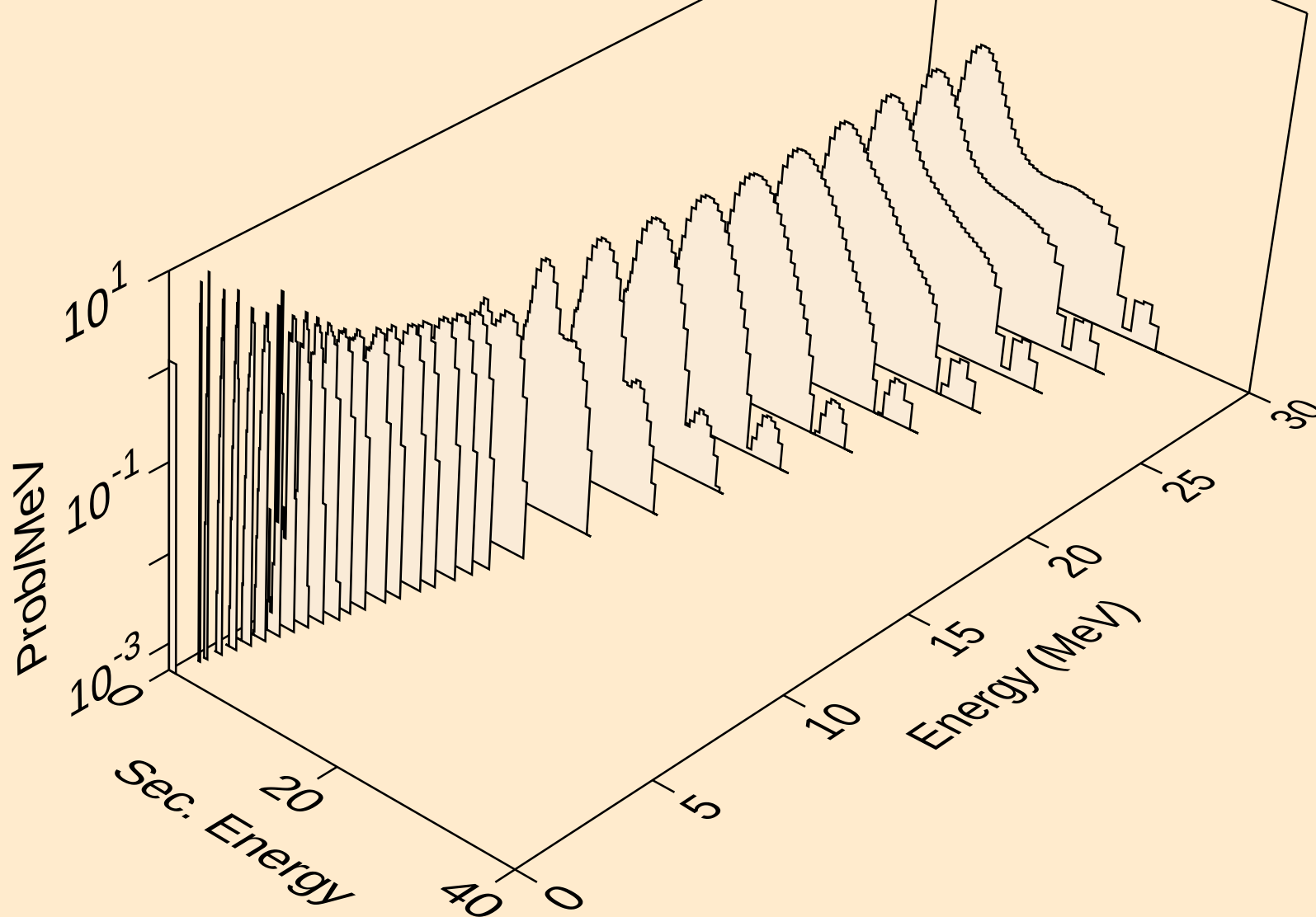
## Particle production cross sections



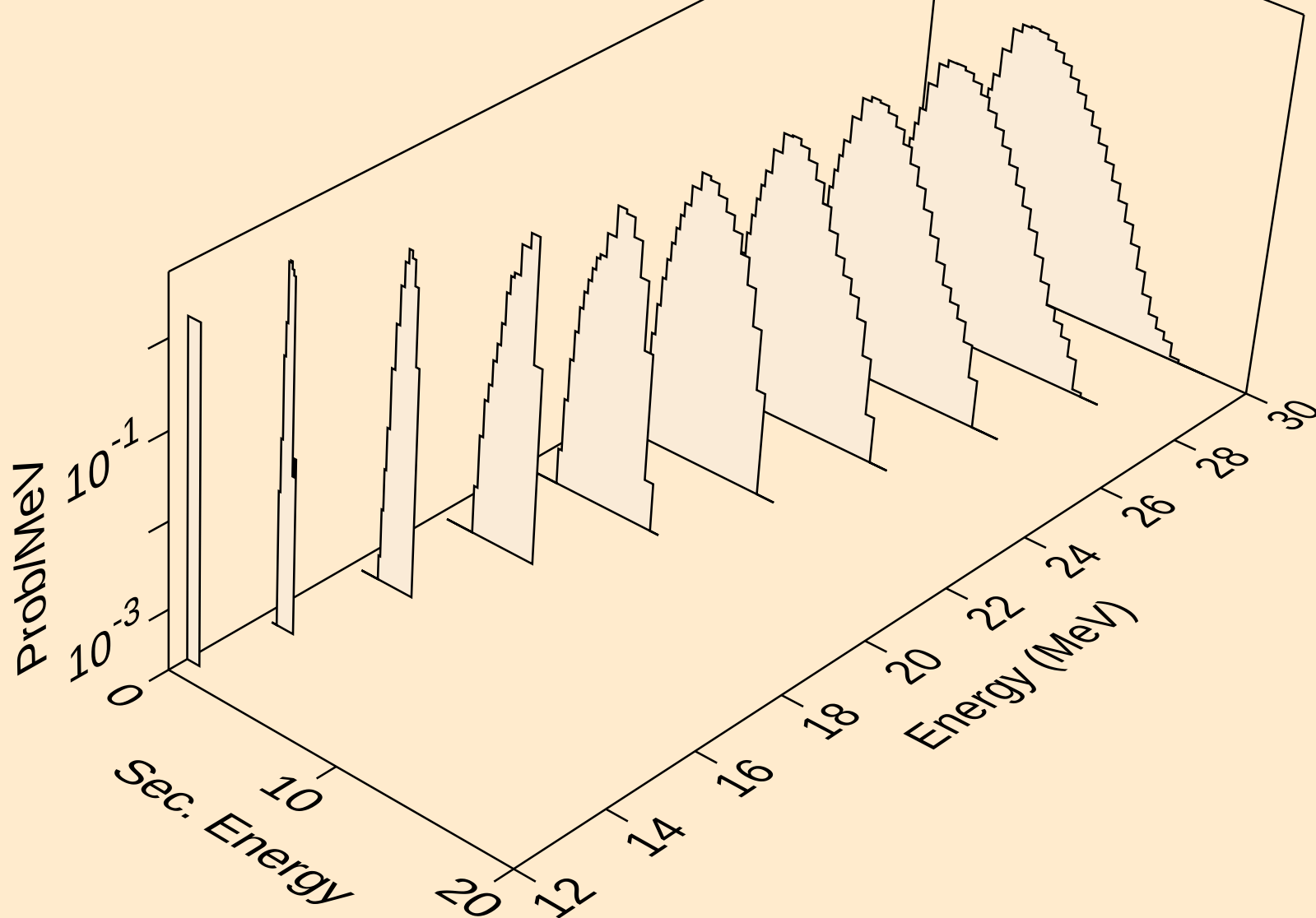
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



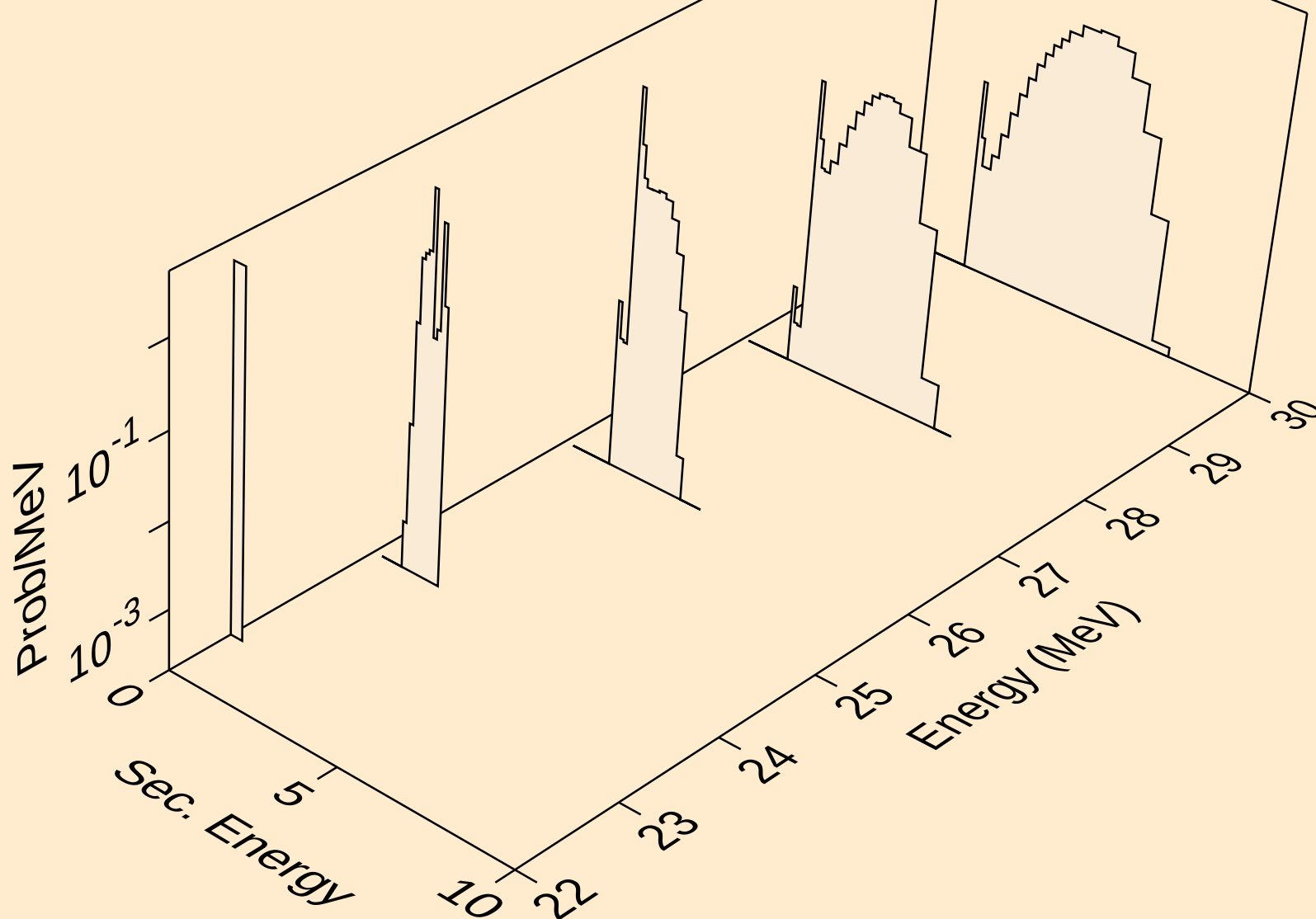
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



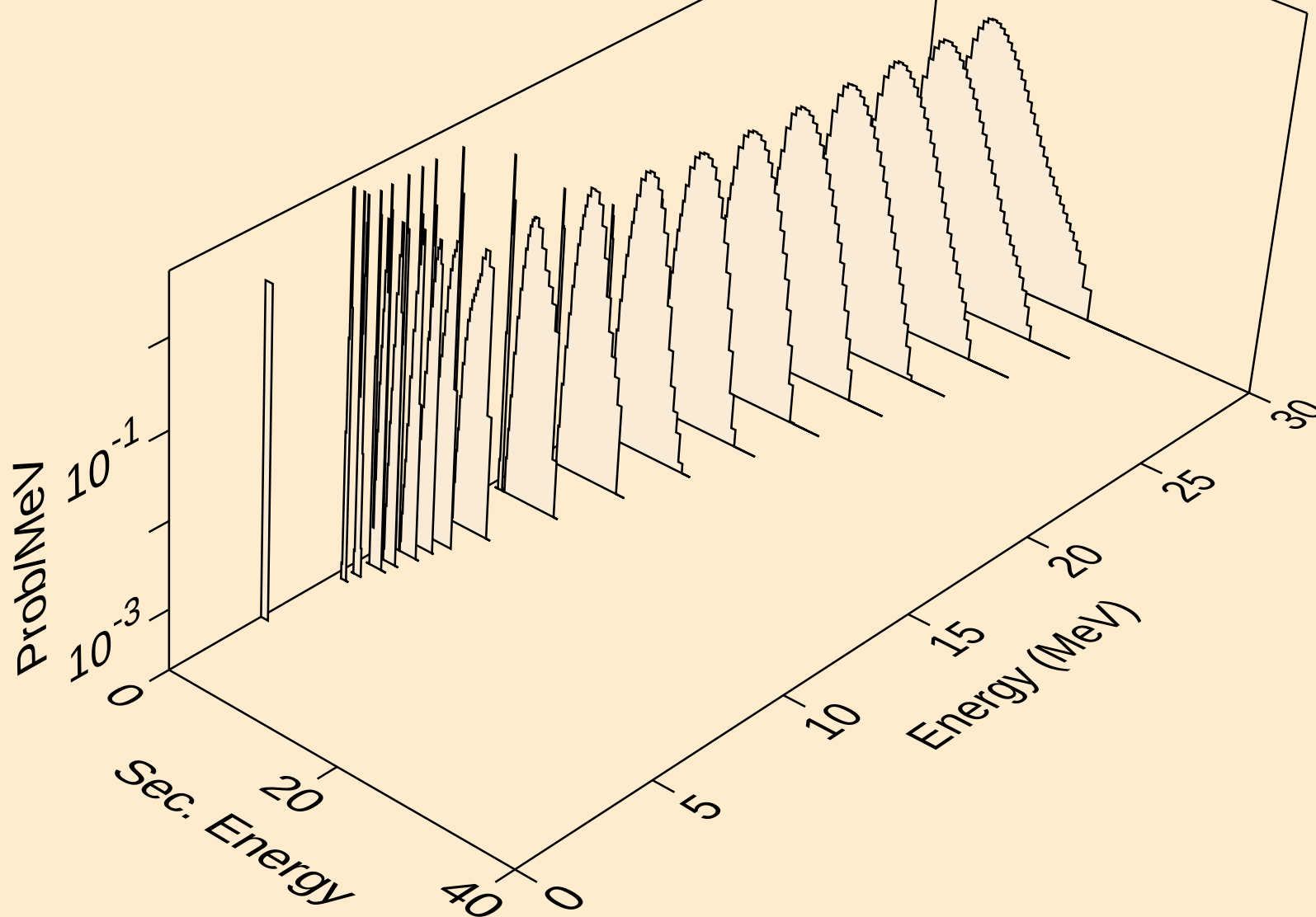
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



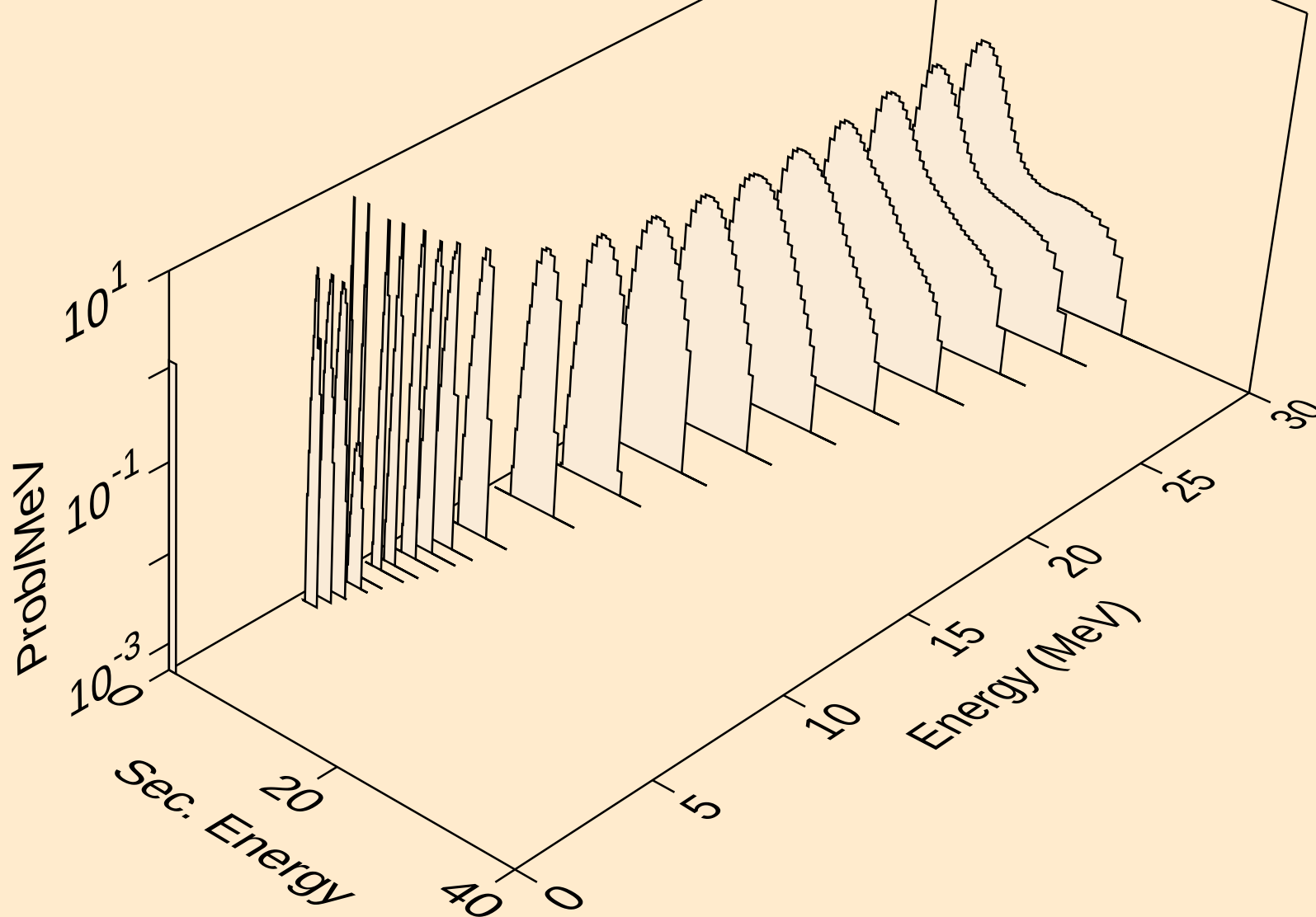
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protons from (n,3np)



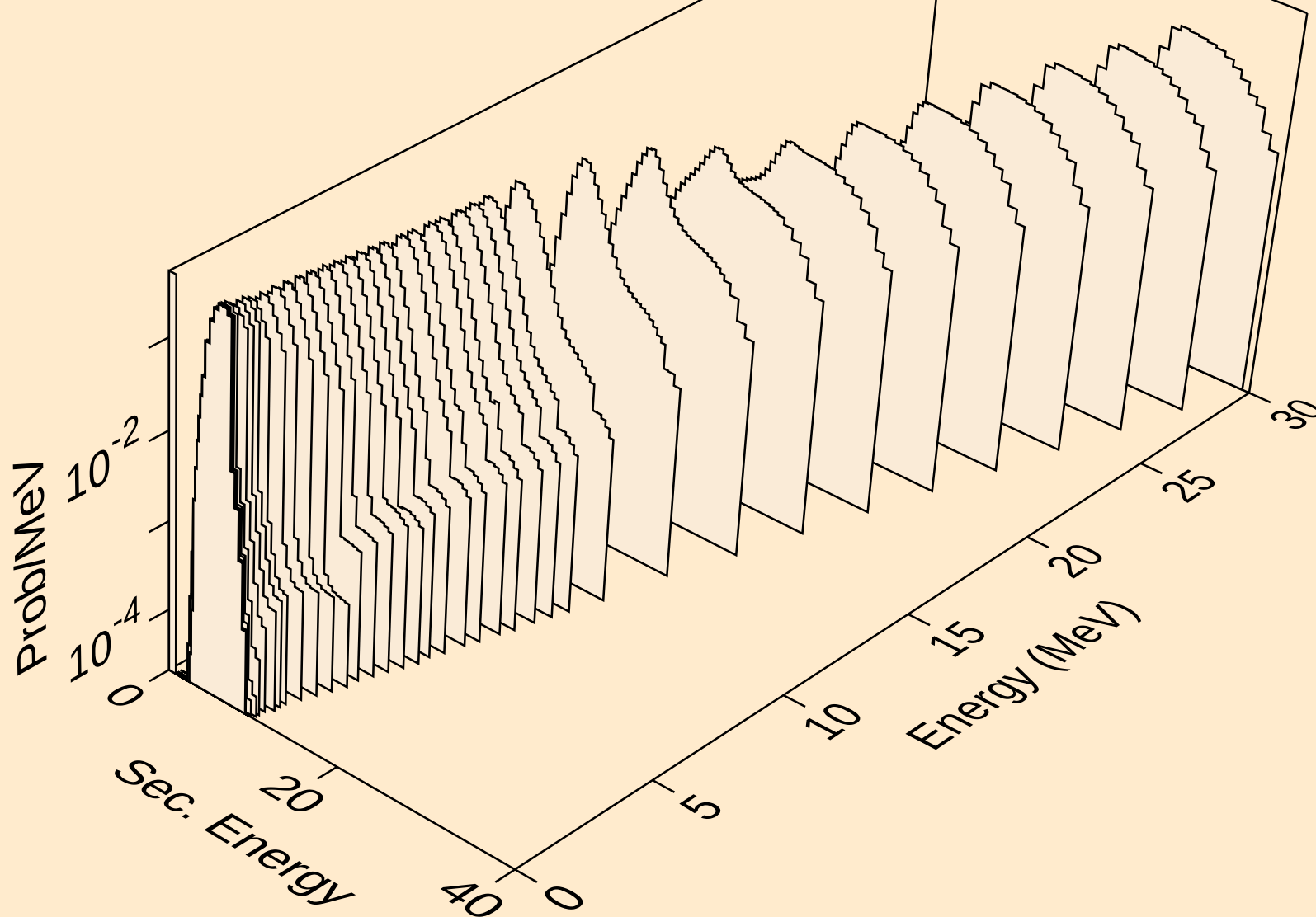
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



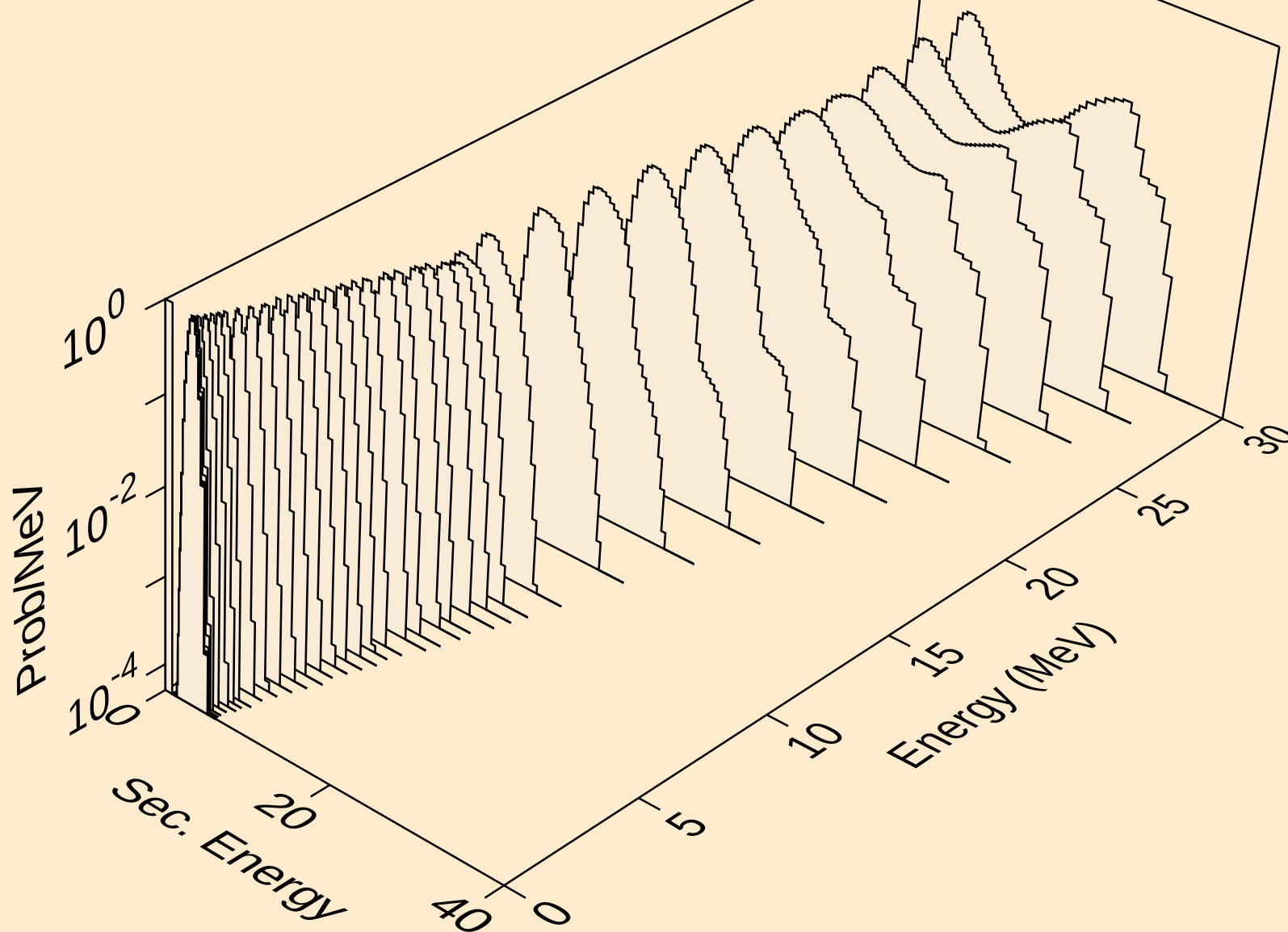
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)



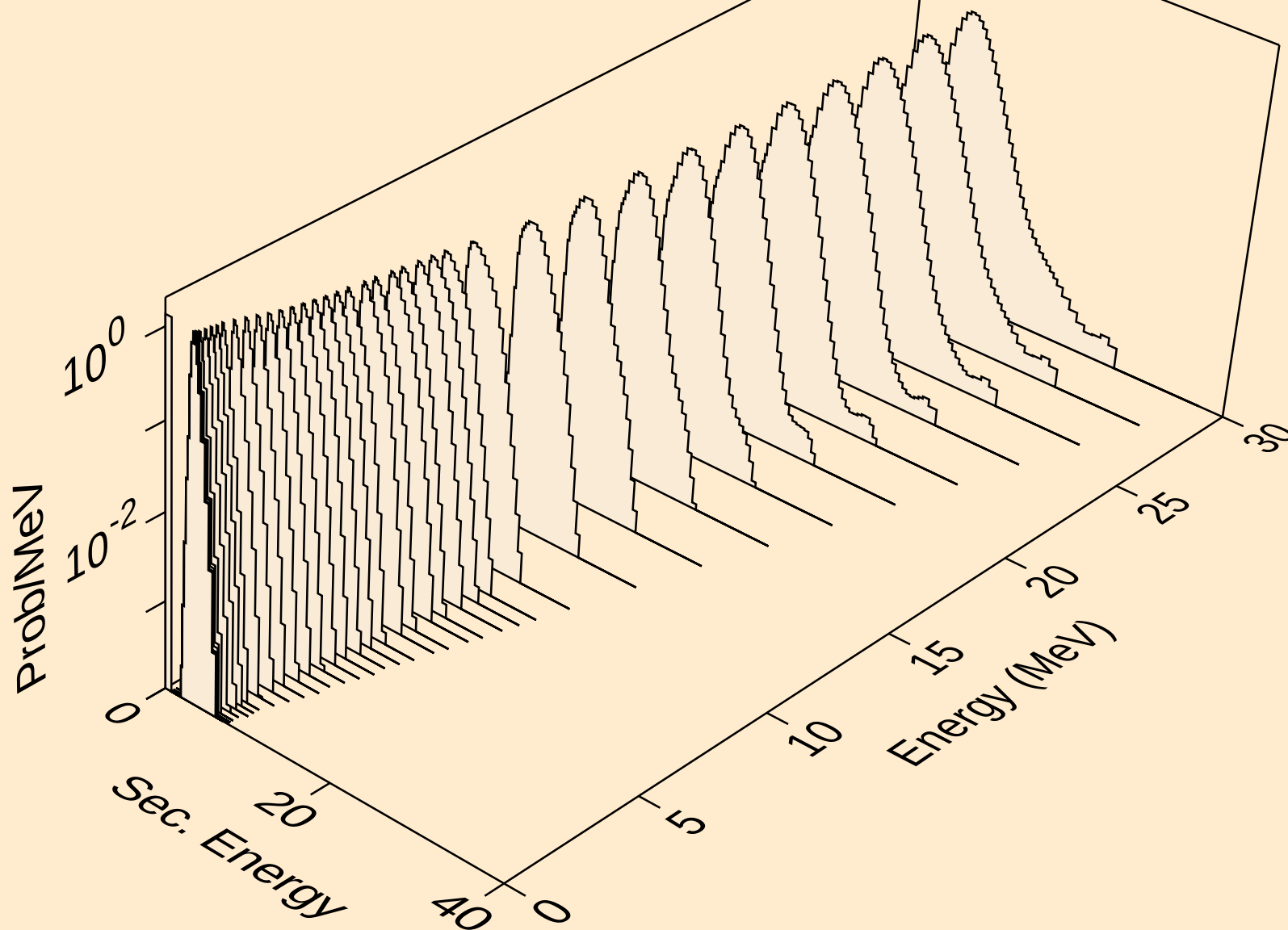
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protons from (n,p)



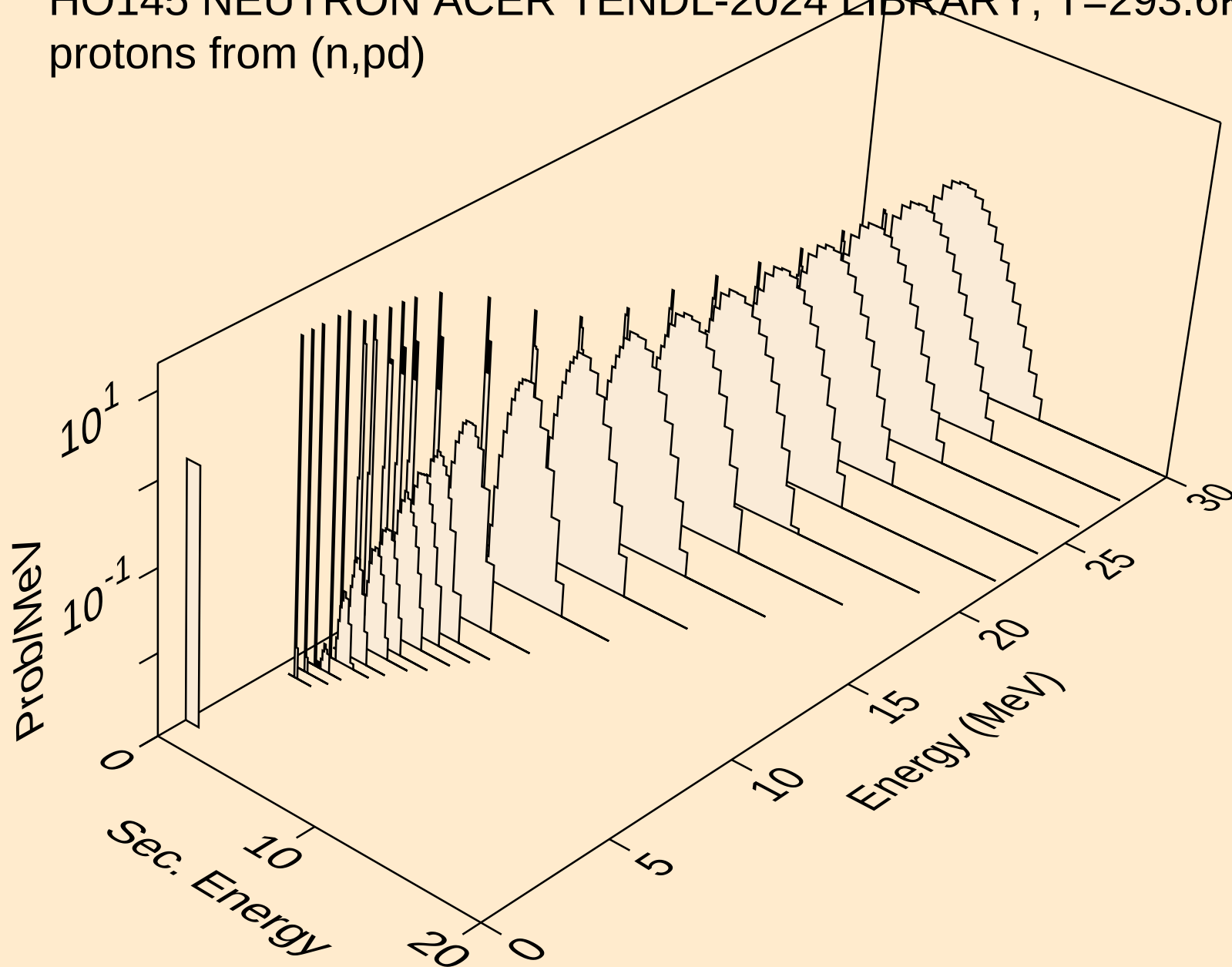
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protons from (n,2p)



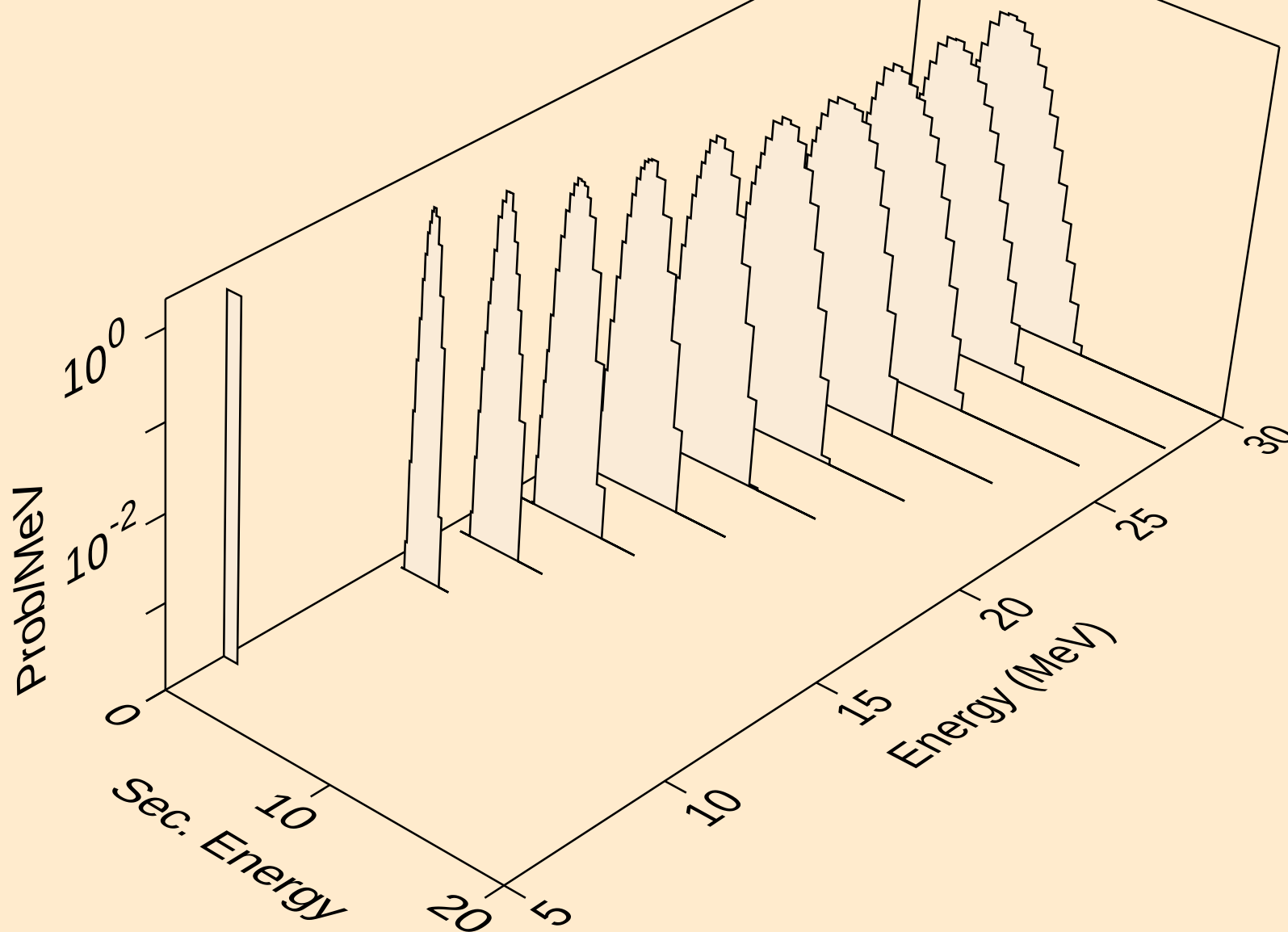
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protons from (n,p)



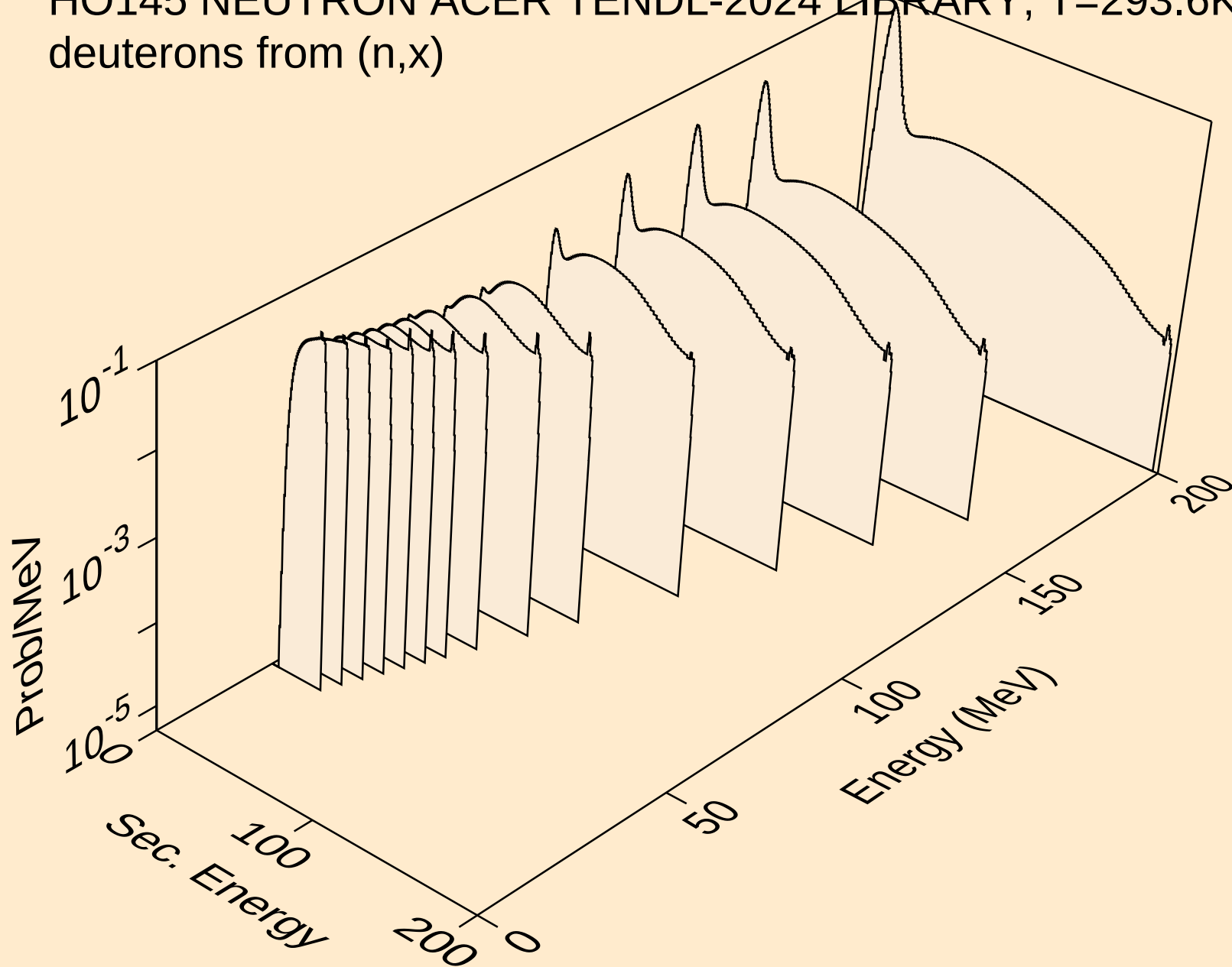
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



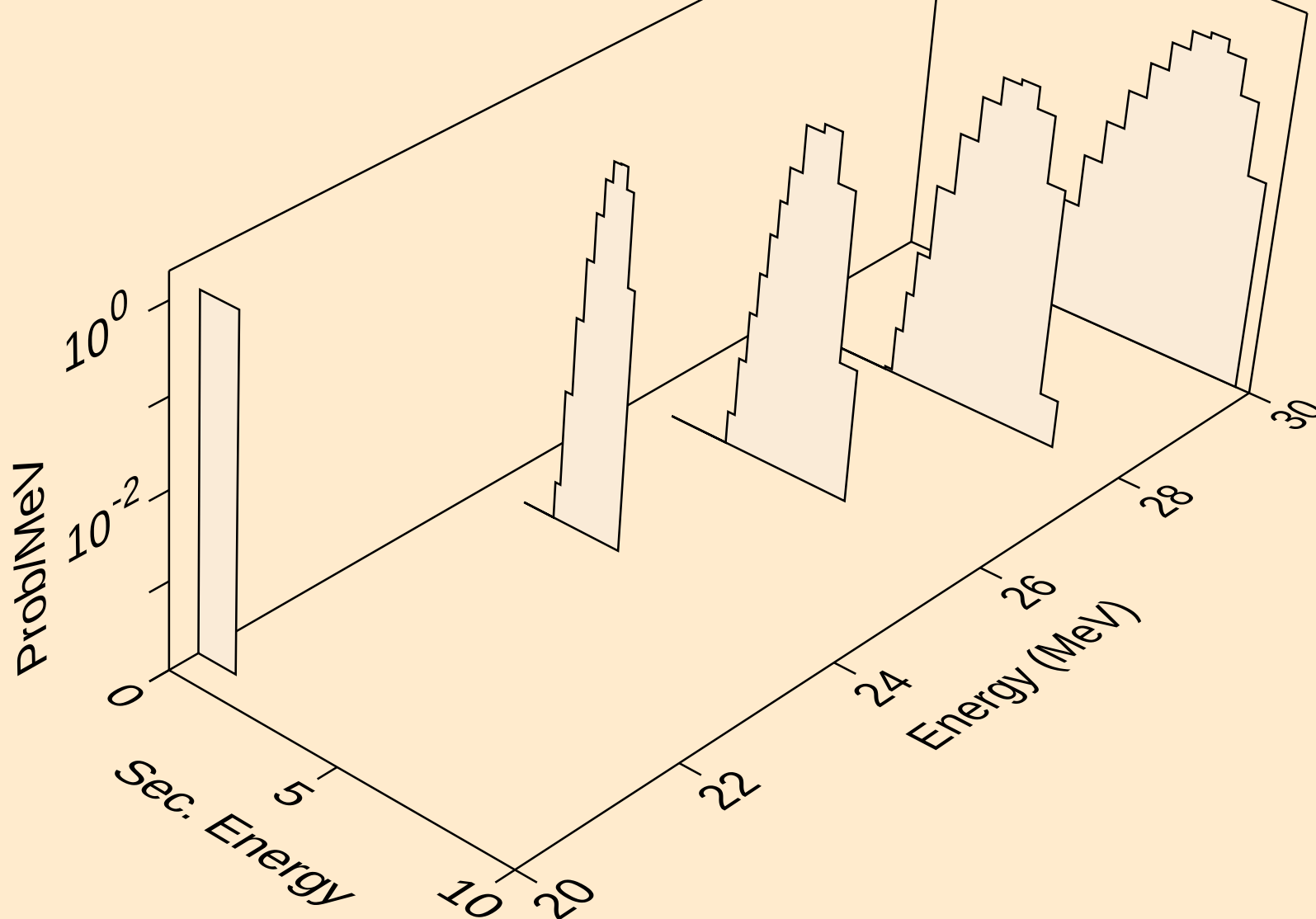
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pt)



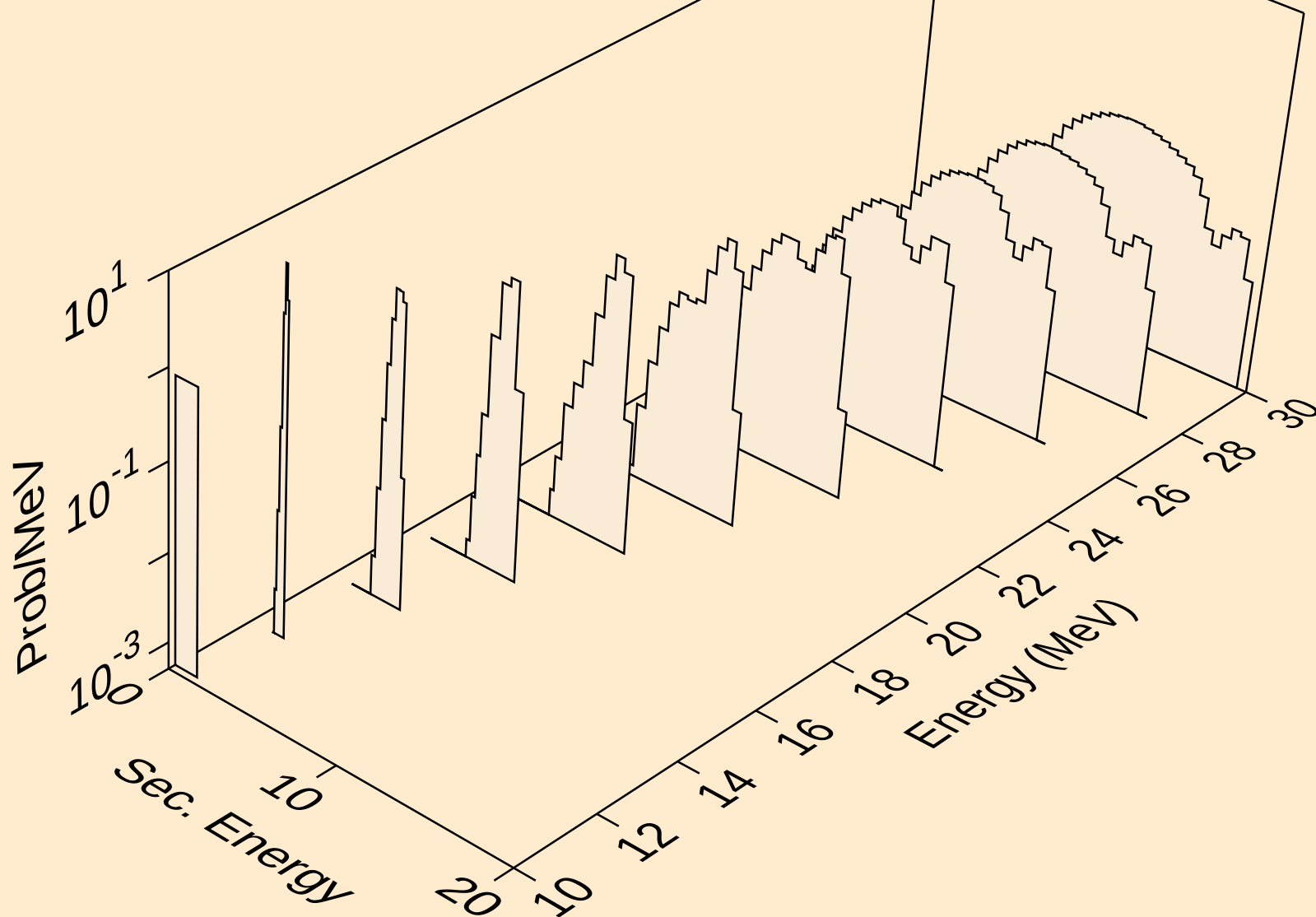
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



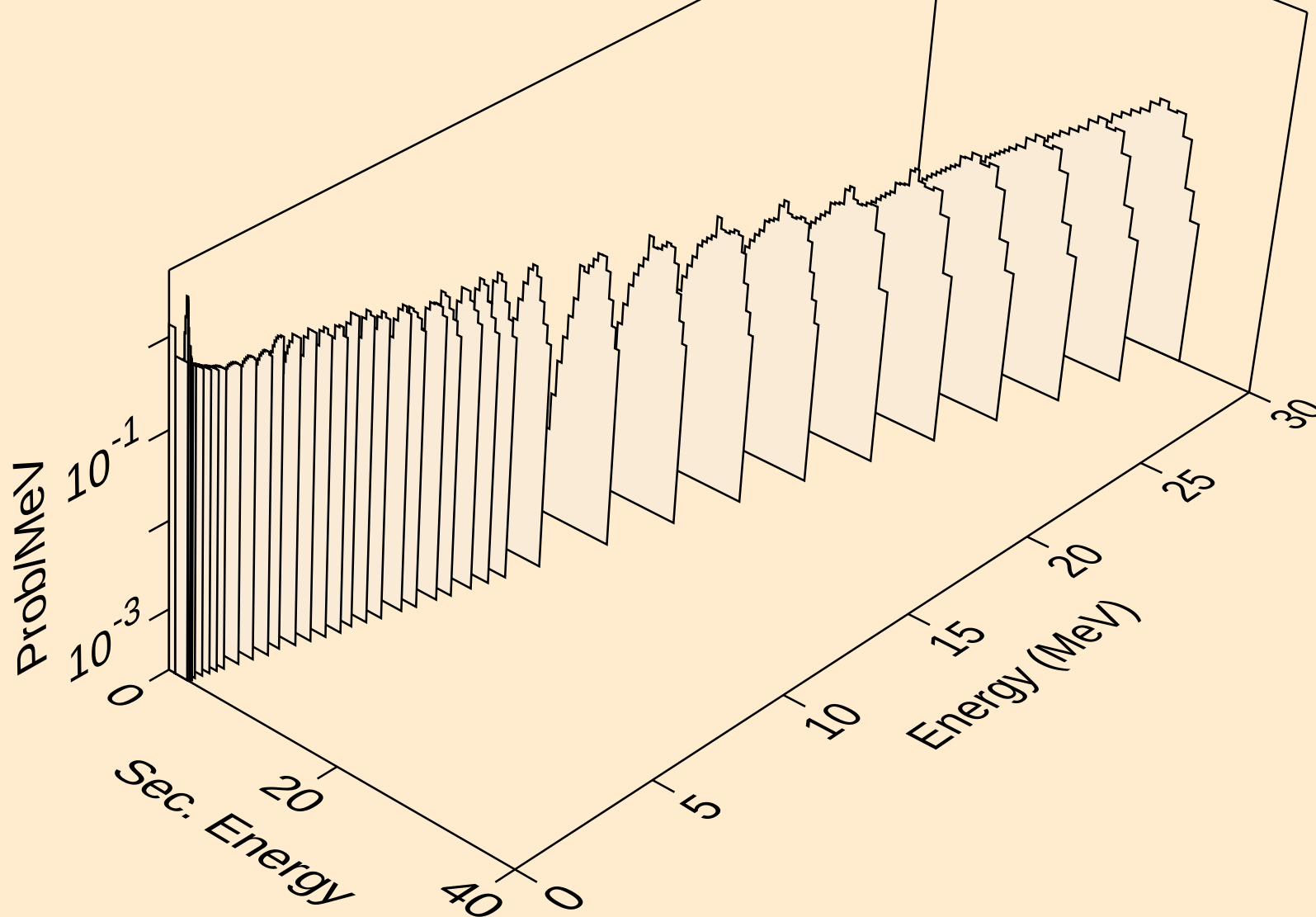
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deuterons from (n,2nd)



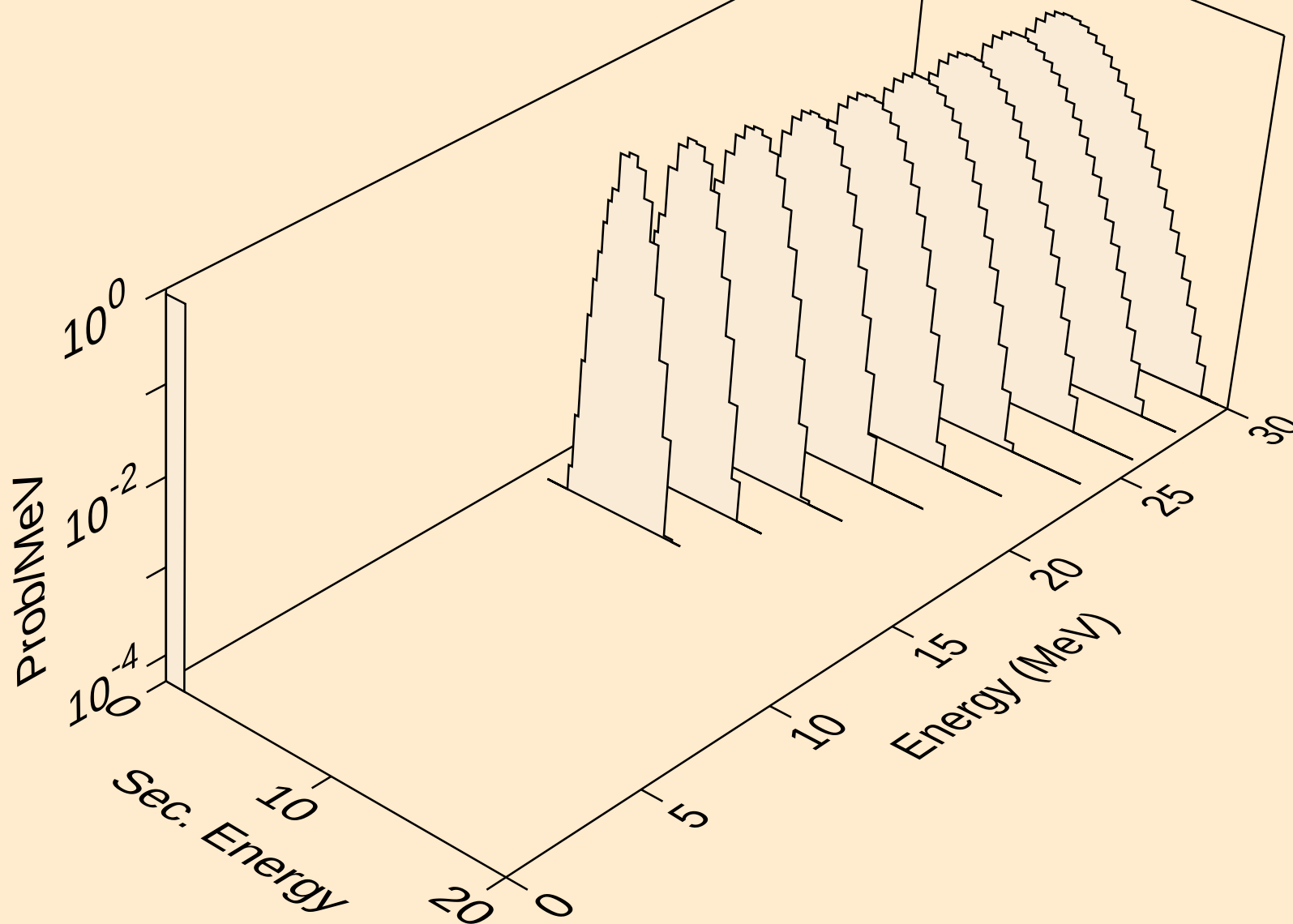
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



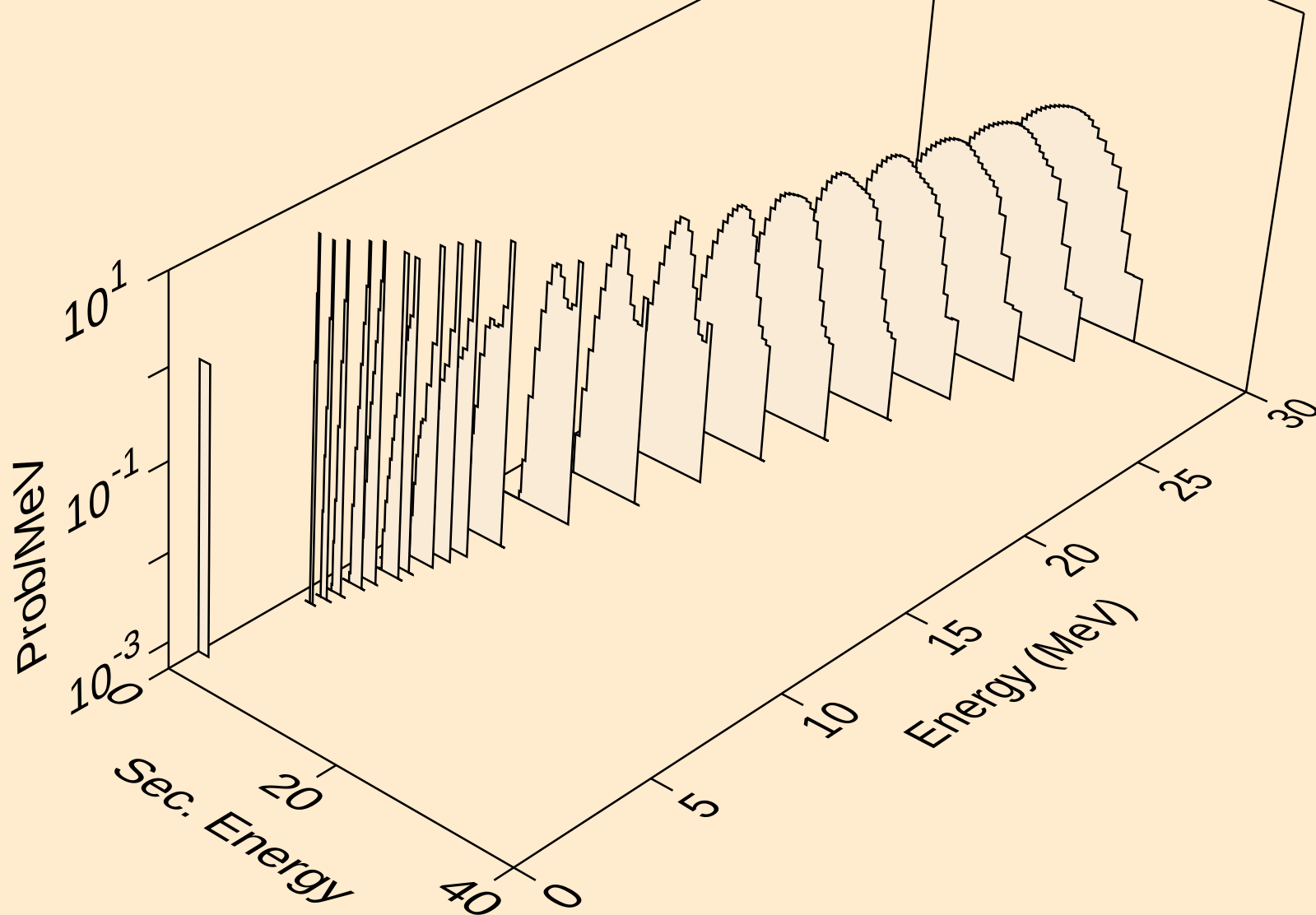
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deuterons from (n,d)



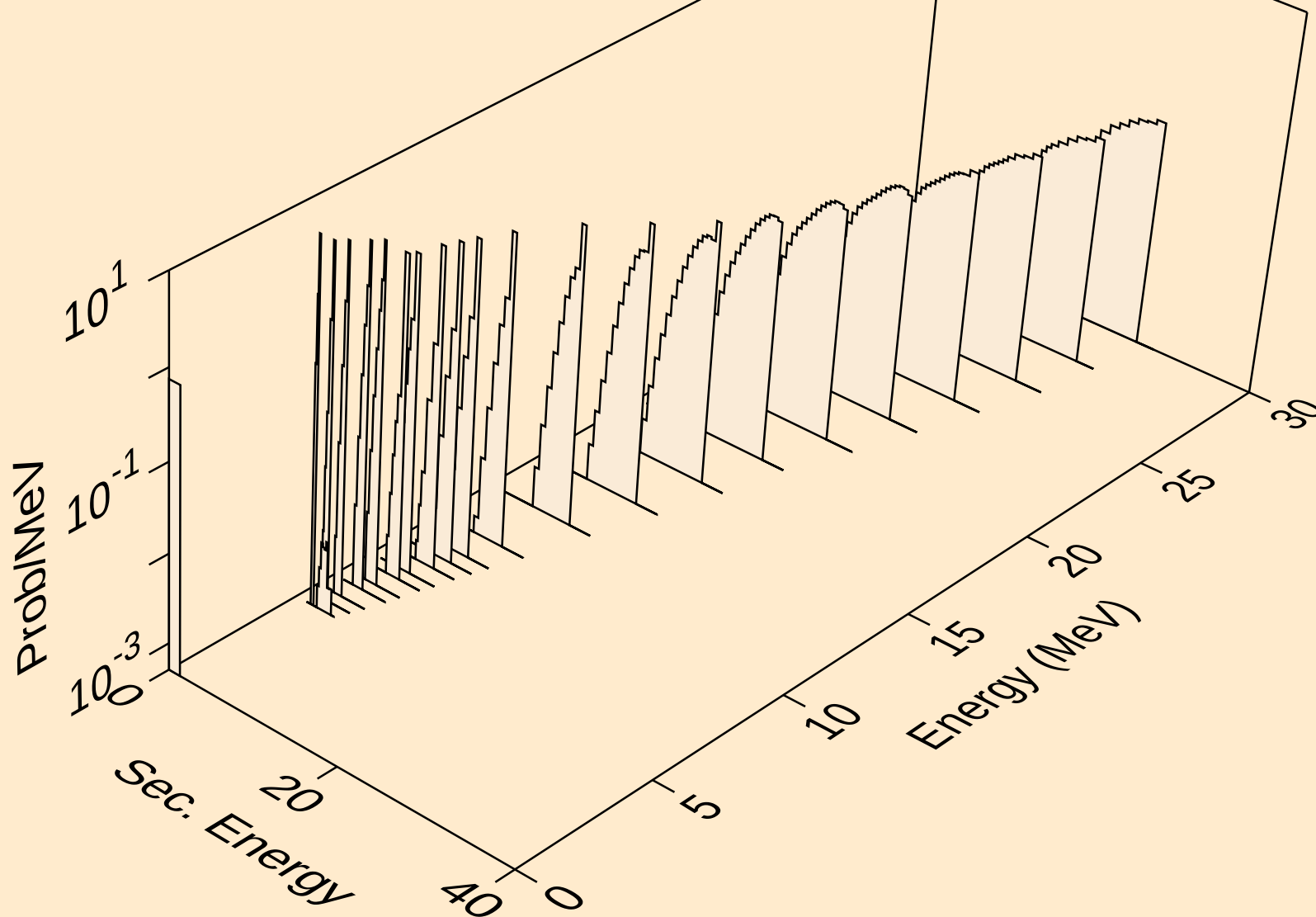
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deuterons from (n,d2a)



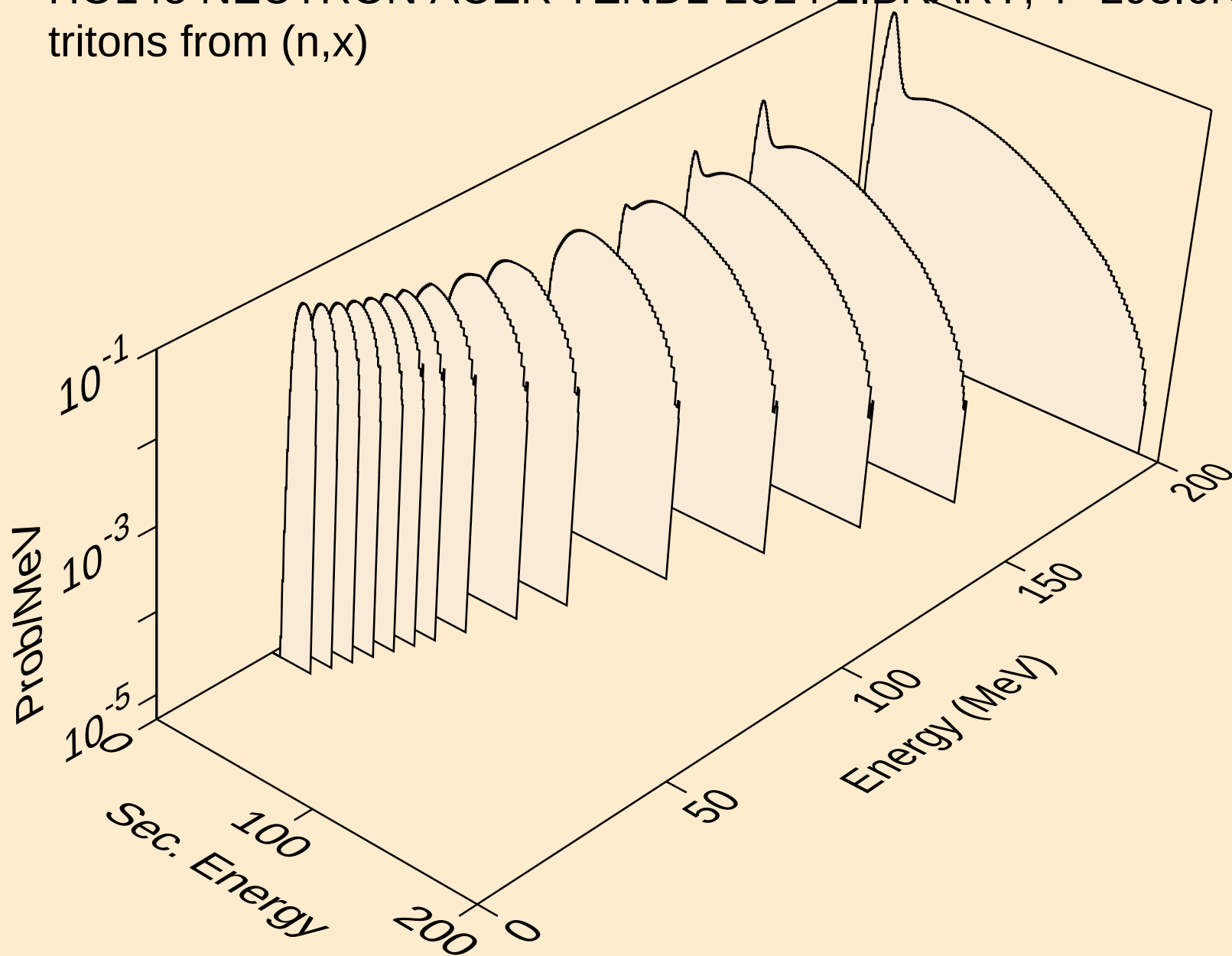
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deuterons from (n,pd)



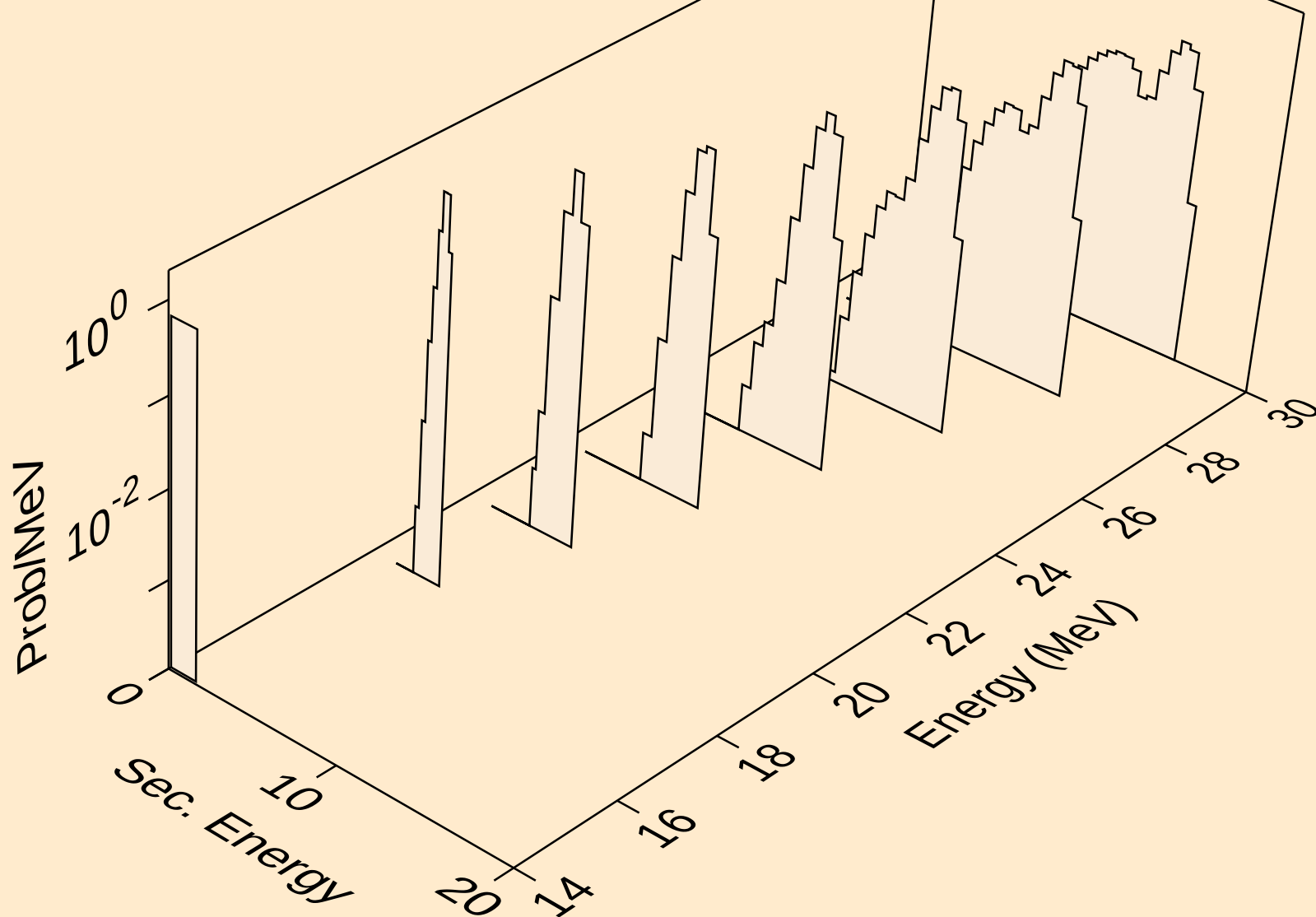
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deuterons from (n,da)



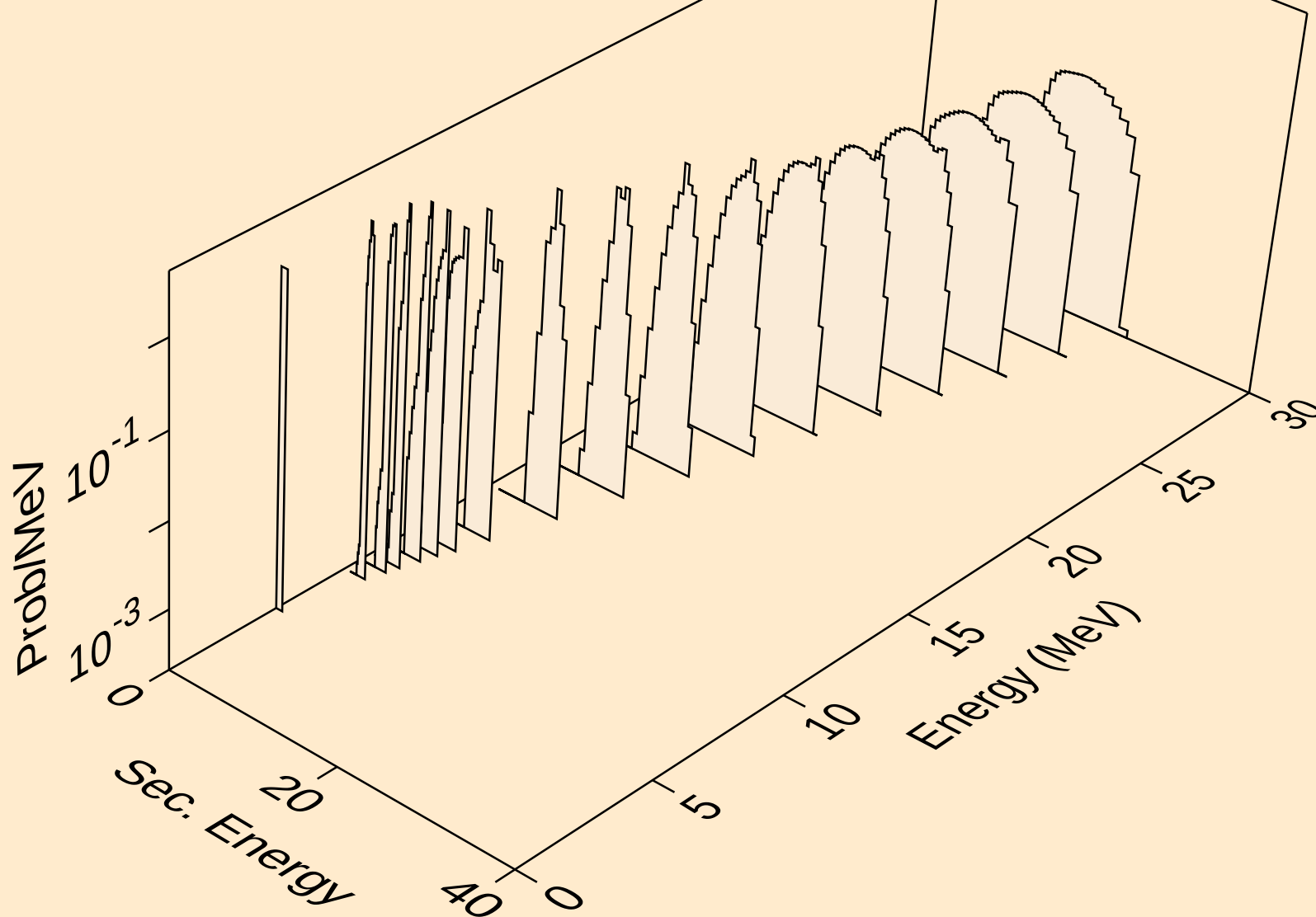
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



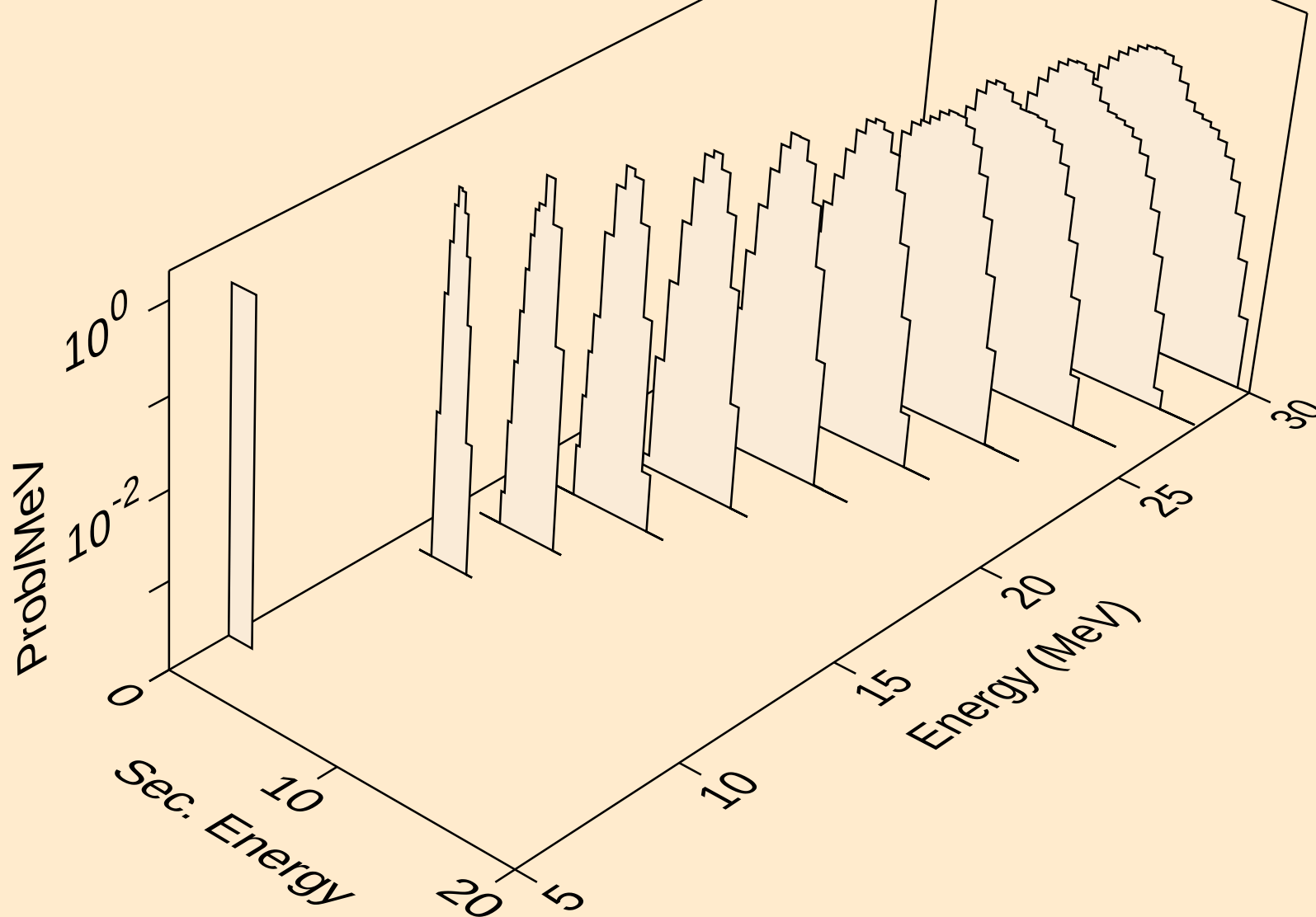
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



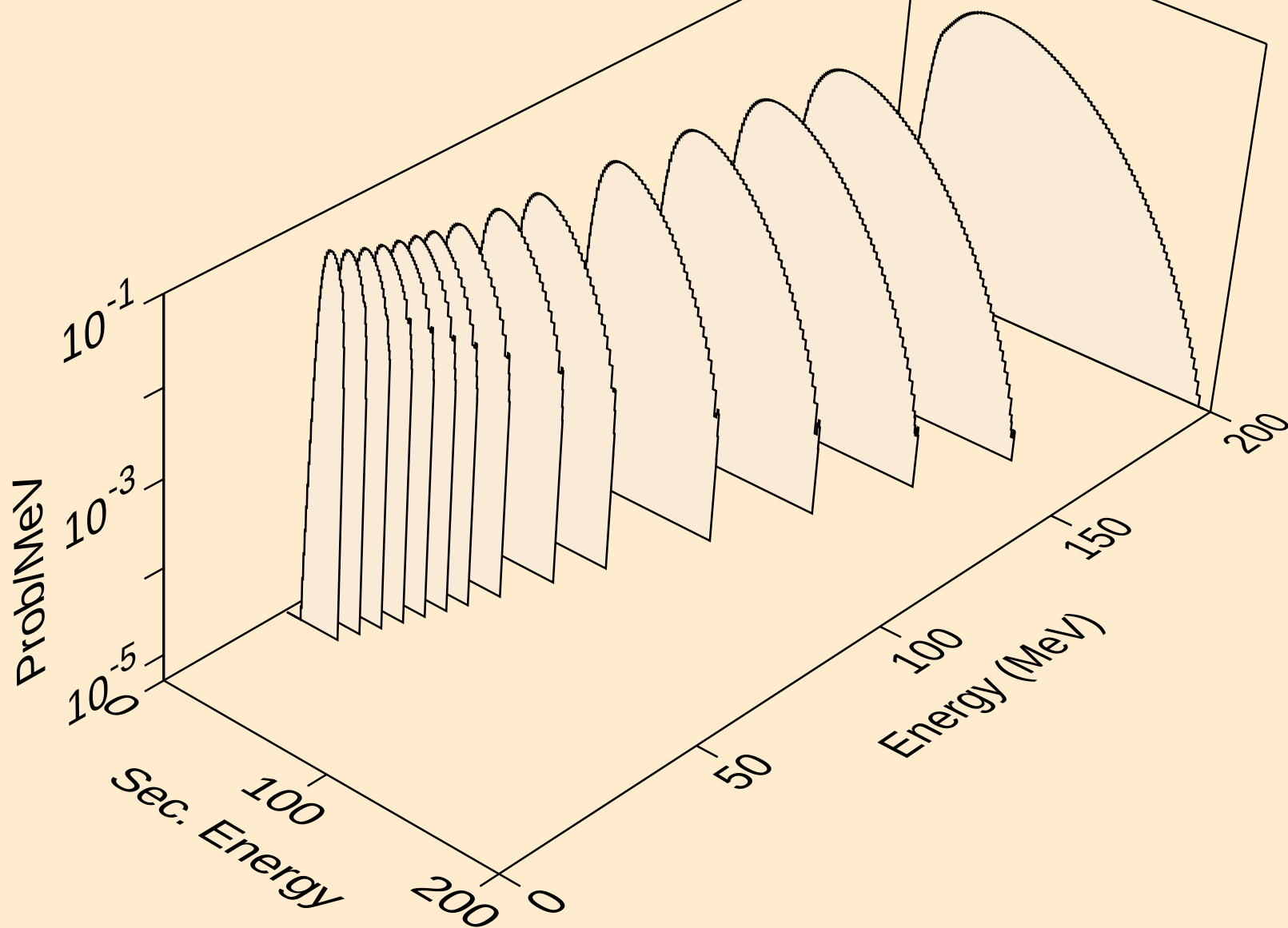
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tritons from (n,t)



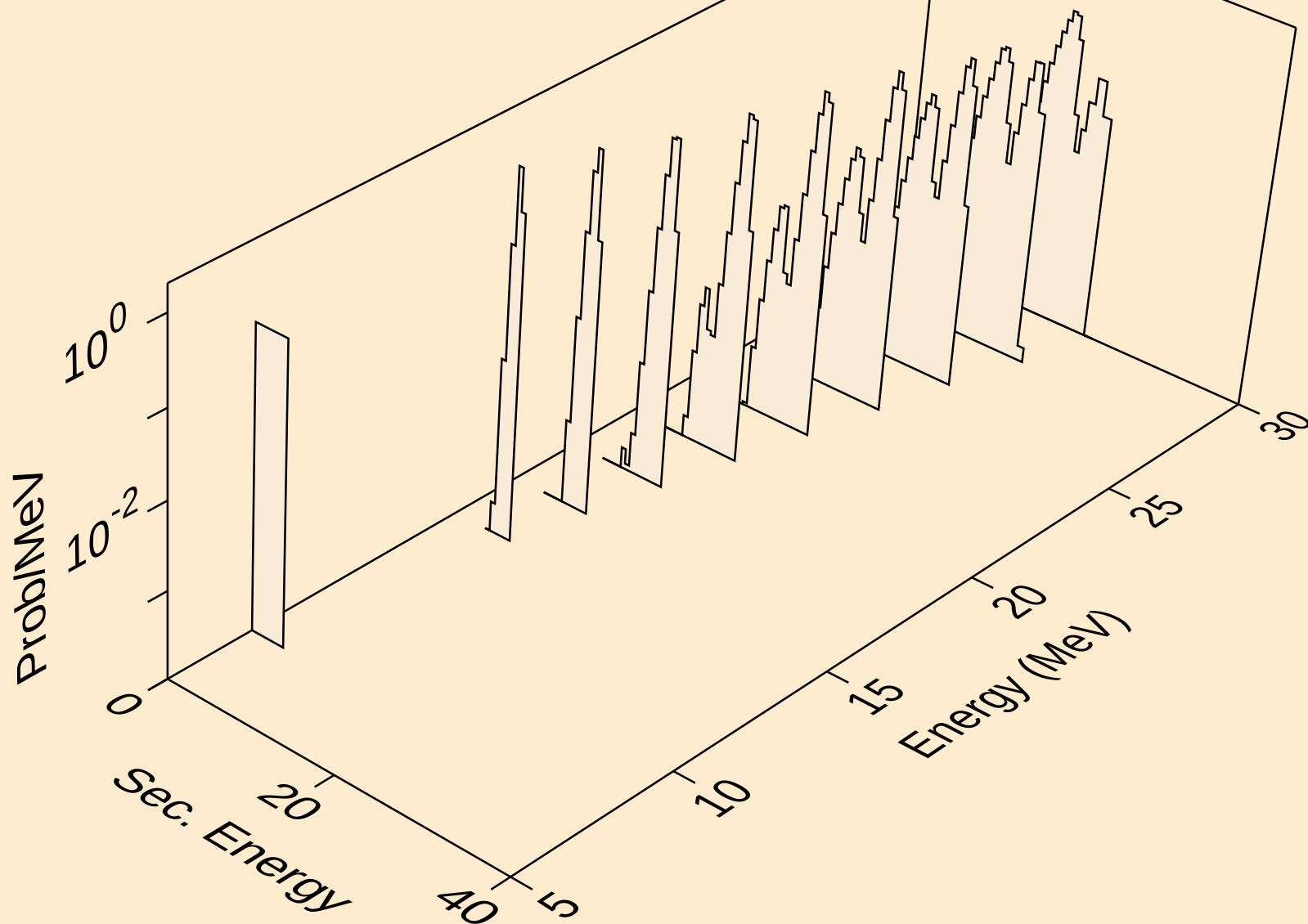
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tritons from (n,pt)



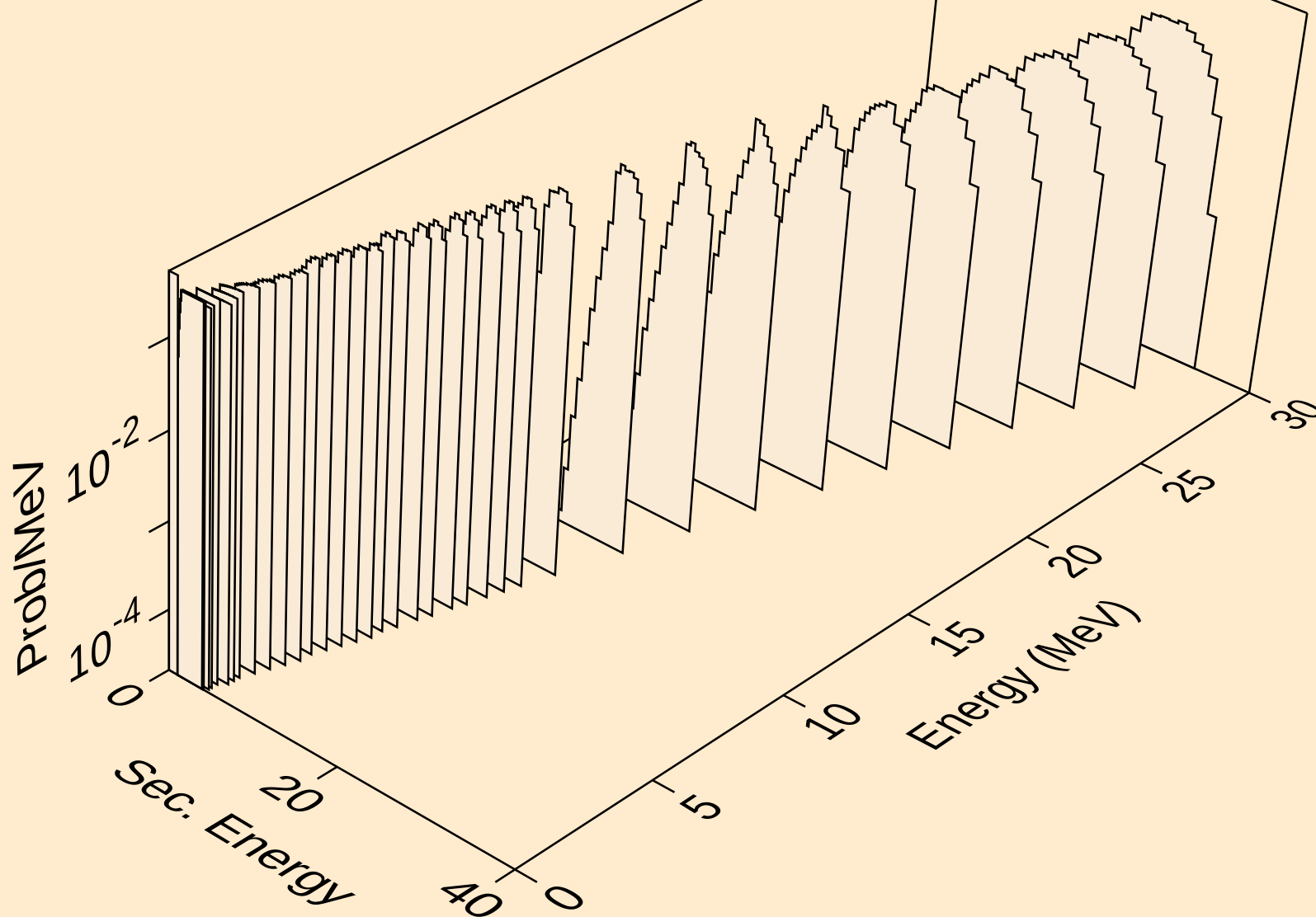
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



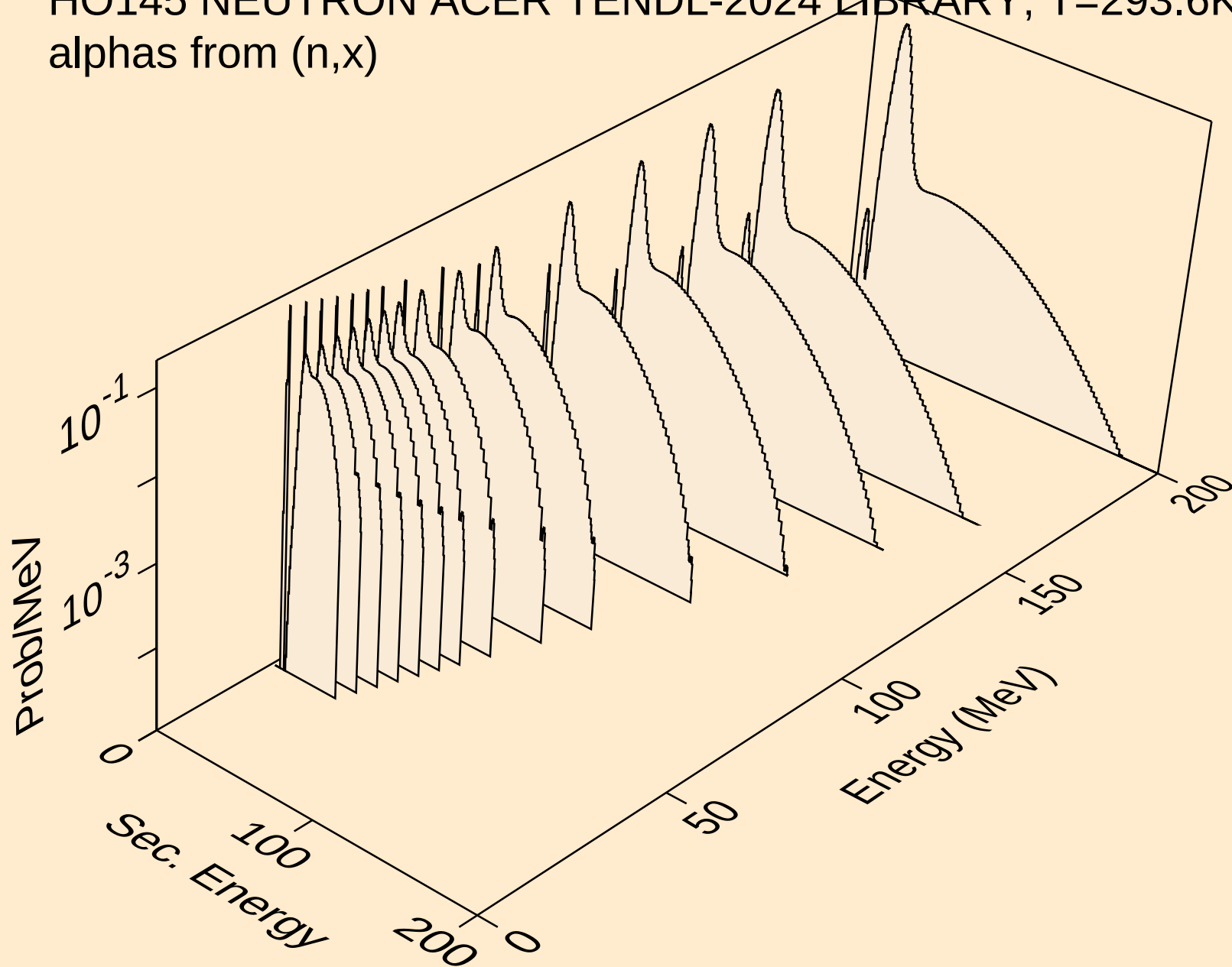
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



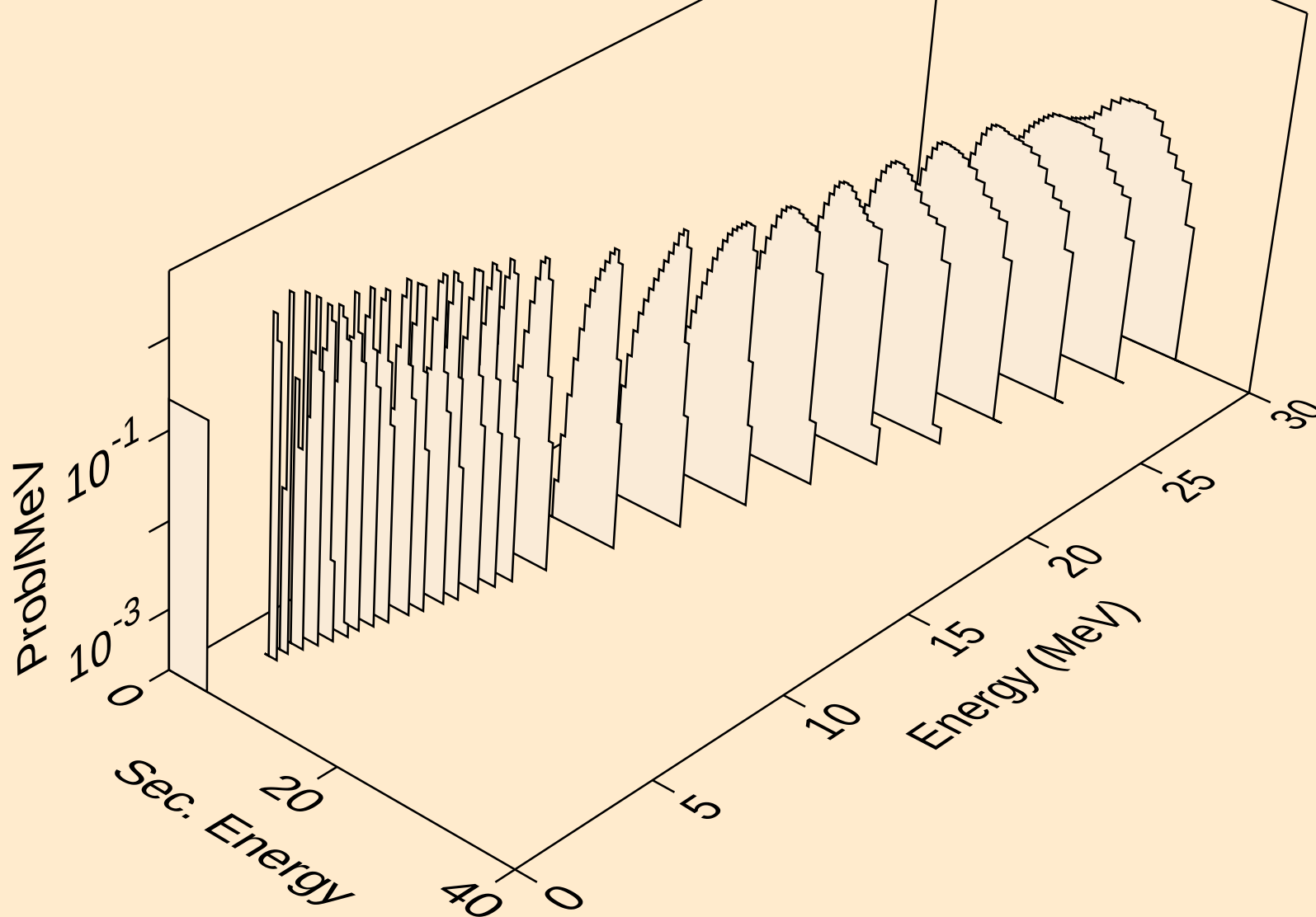
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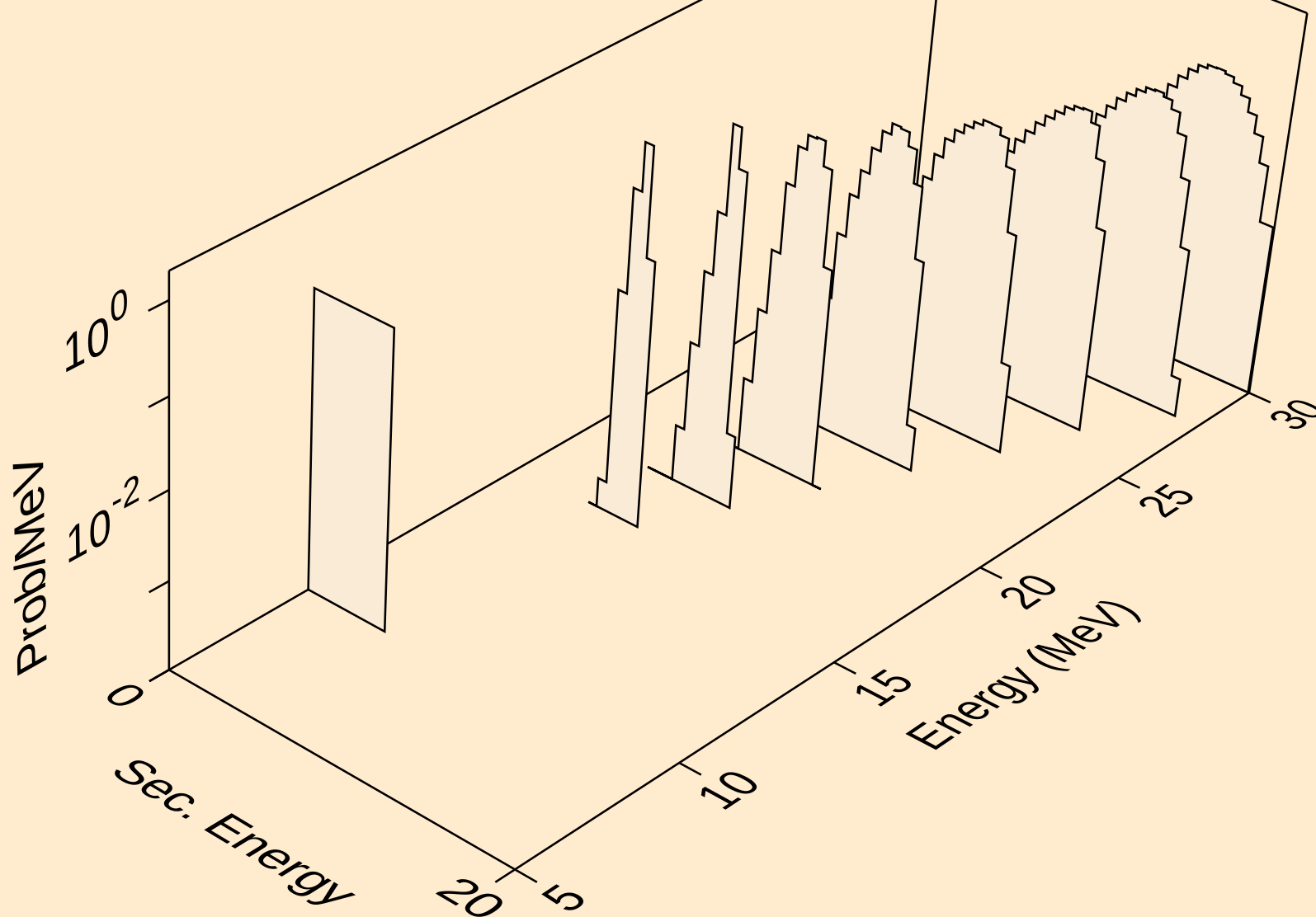
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



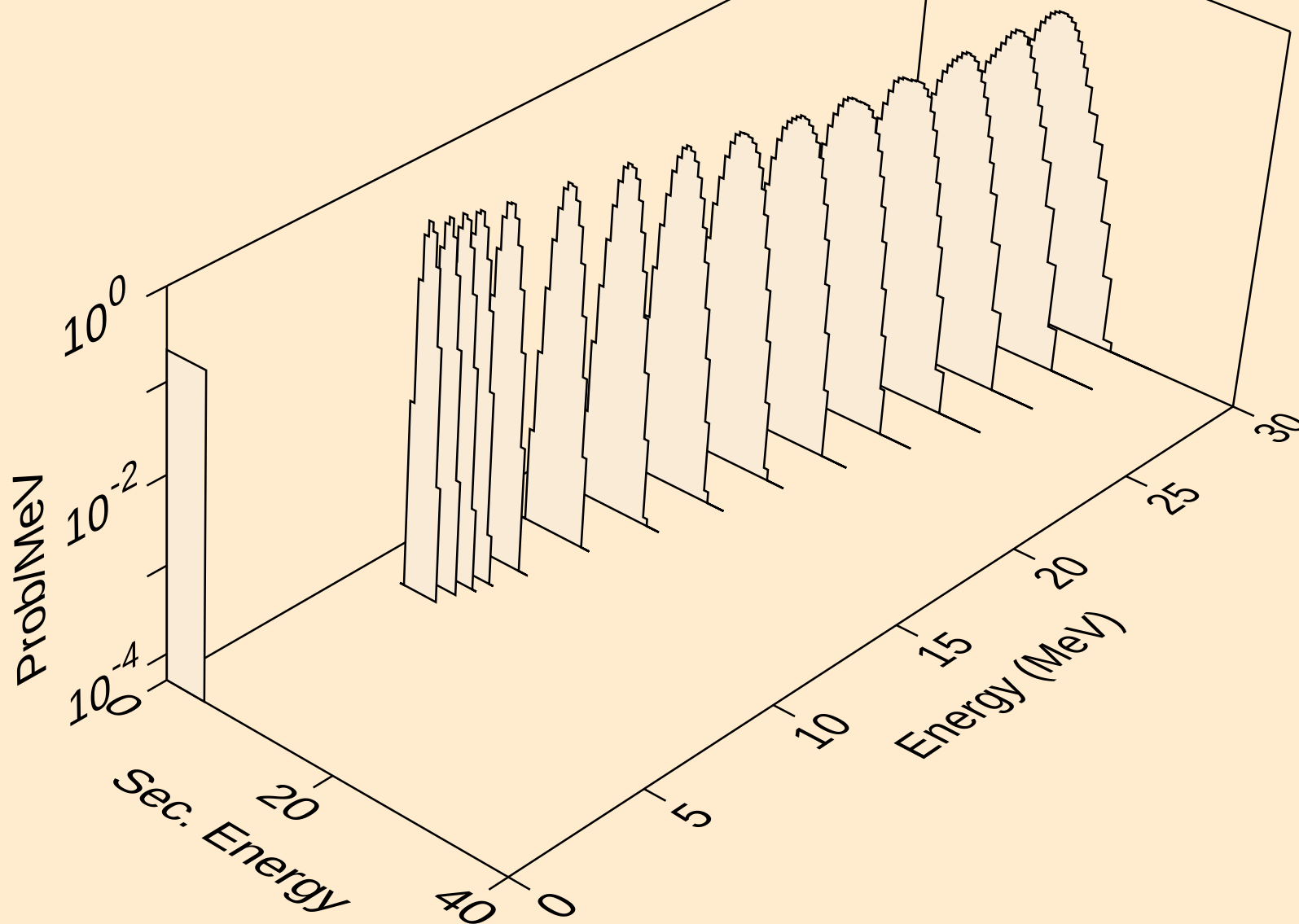
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



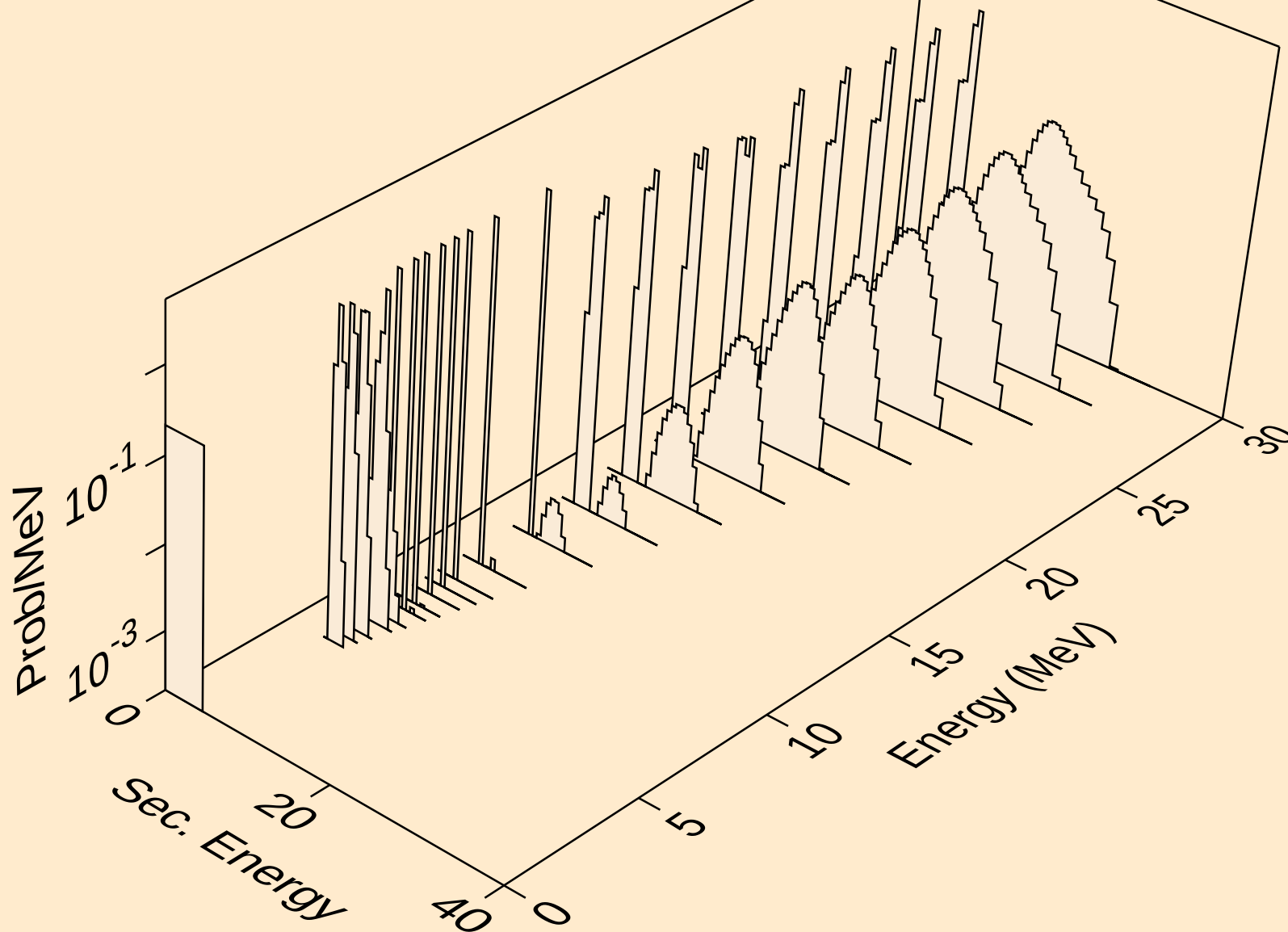
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



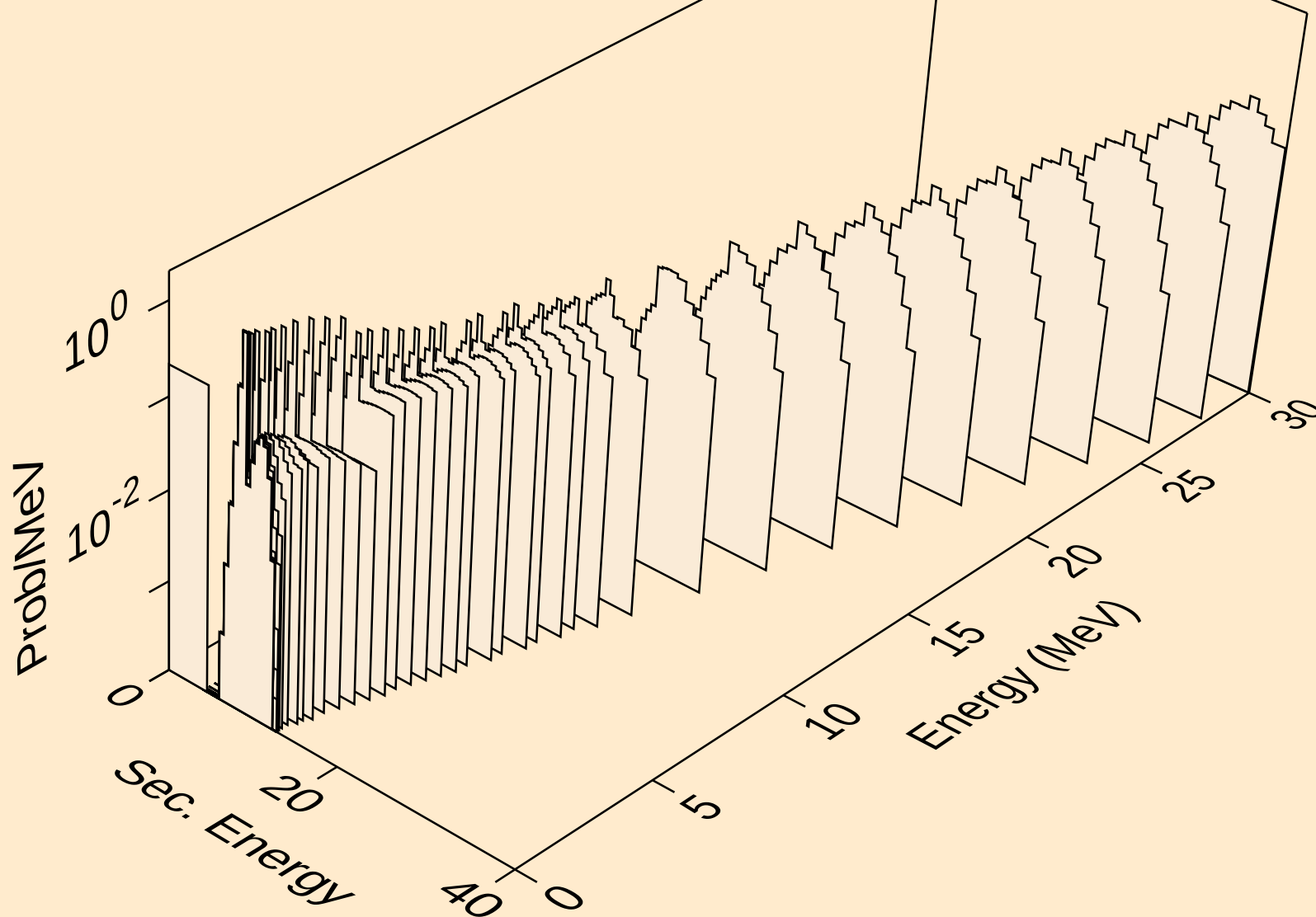
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alphas from (n,n\*)2a



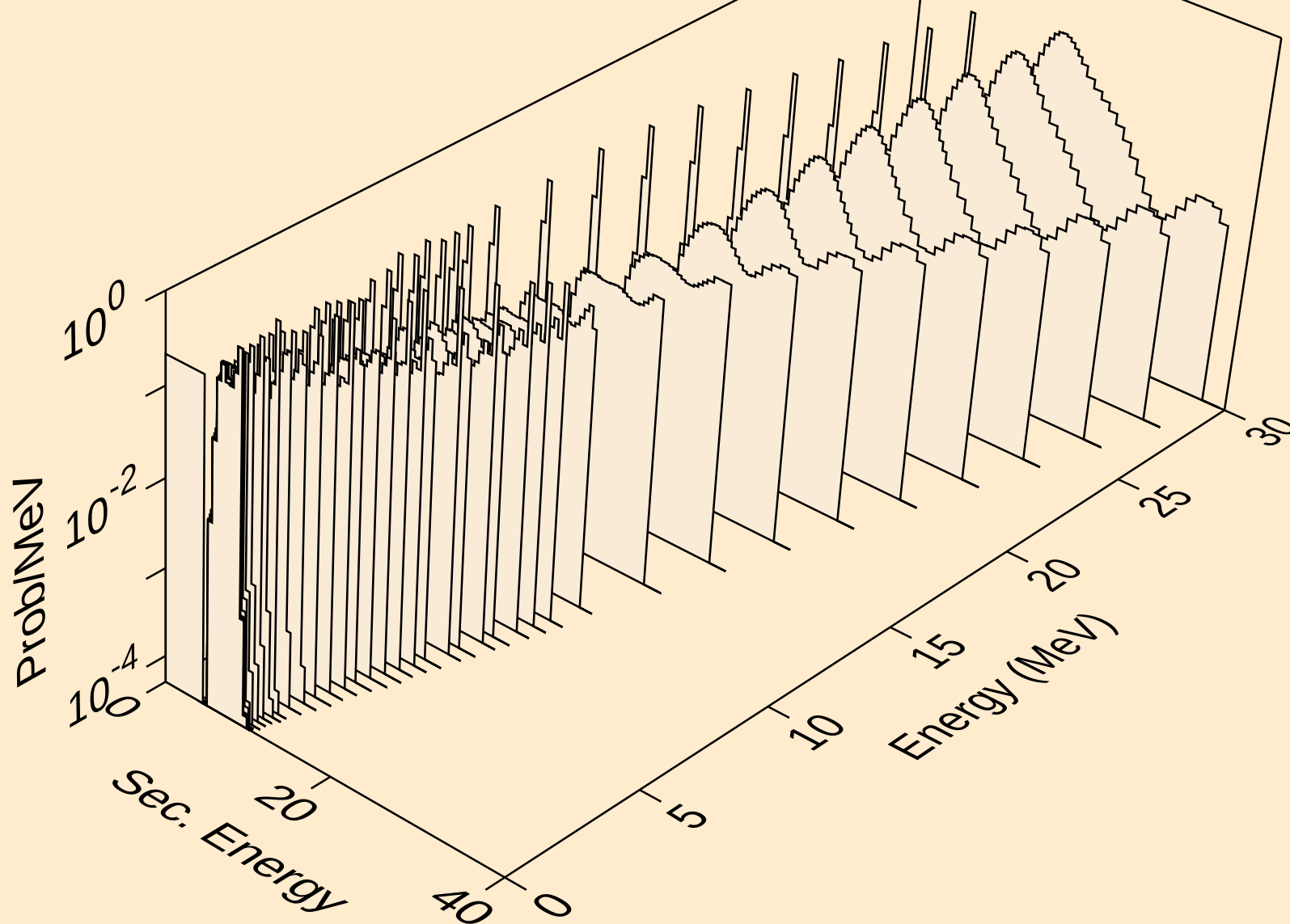
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alphas from (n,npa)



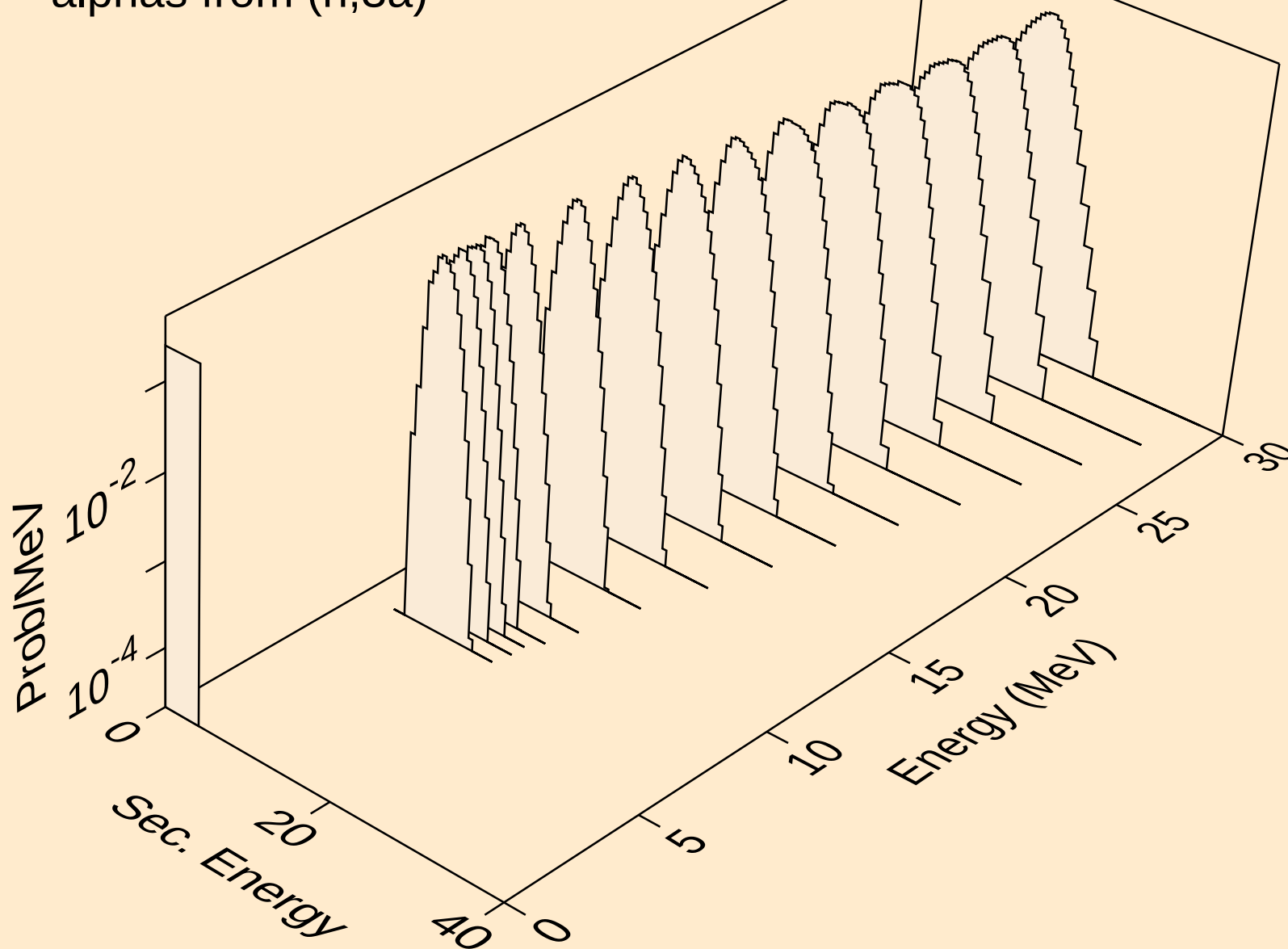
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alphas from (n,a)



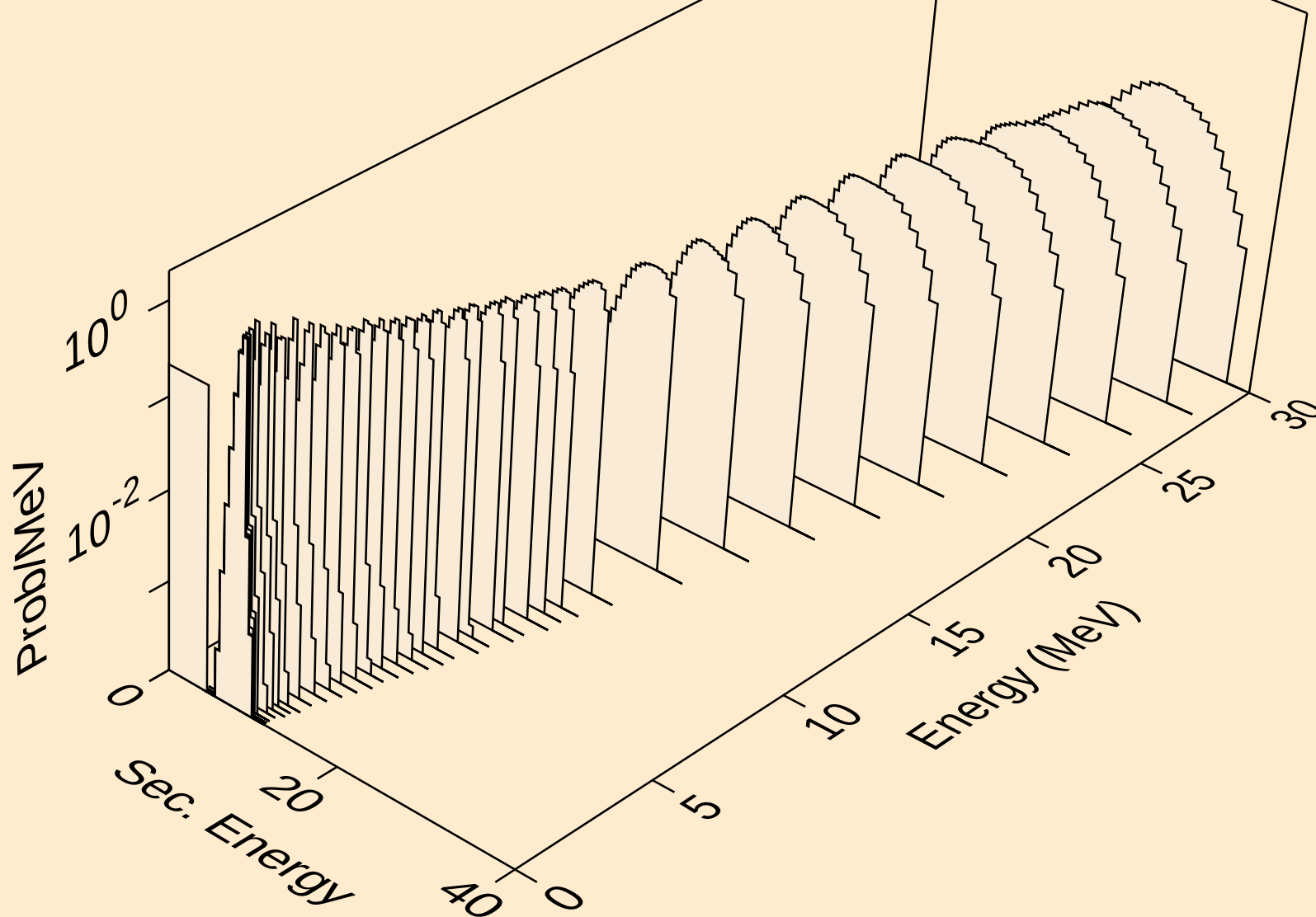
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alphas from (n,2a)



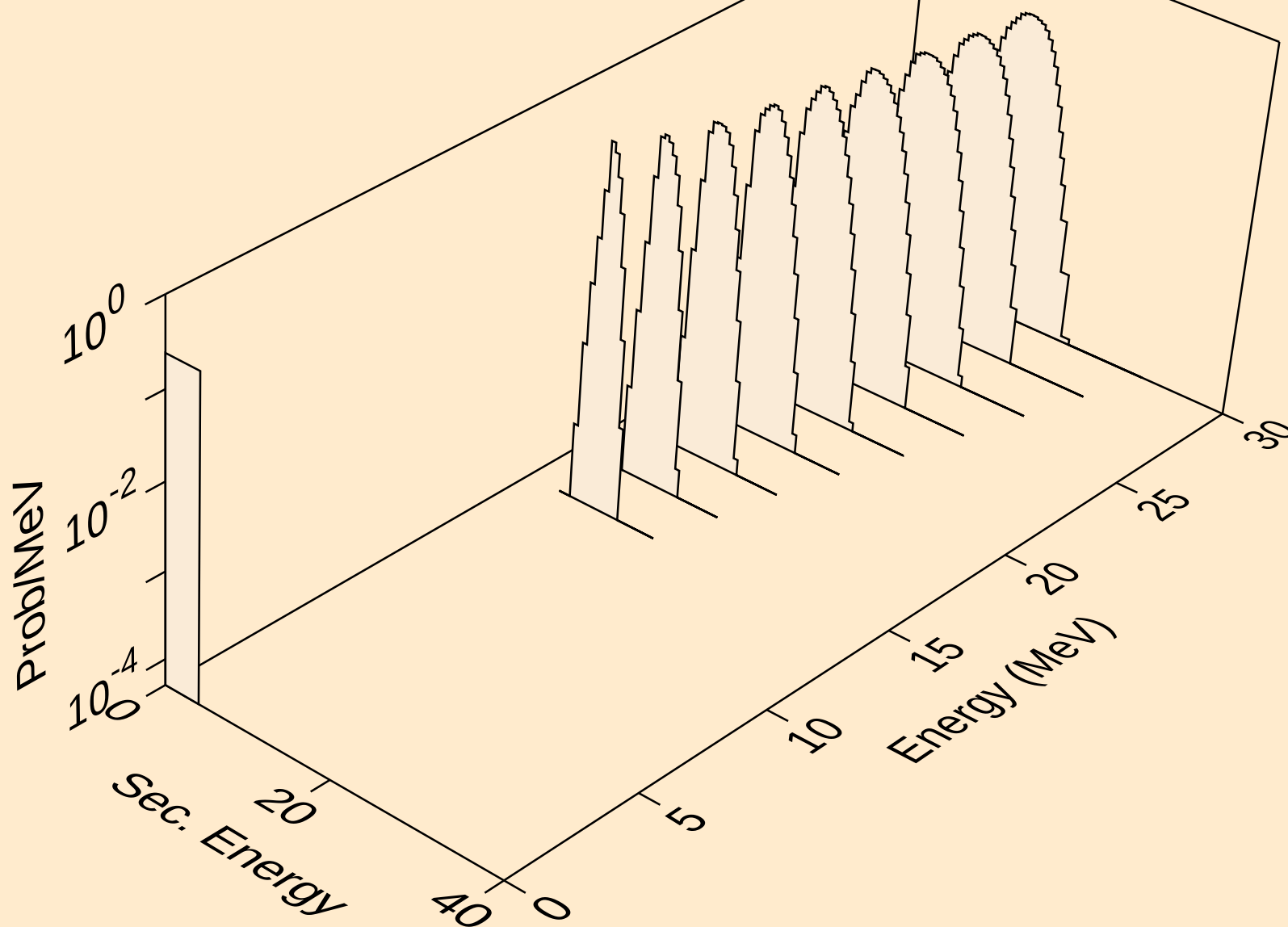
HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3a)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,p)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,d2a)



HO145 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

