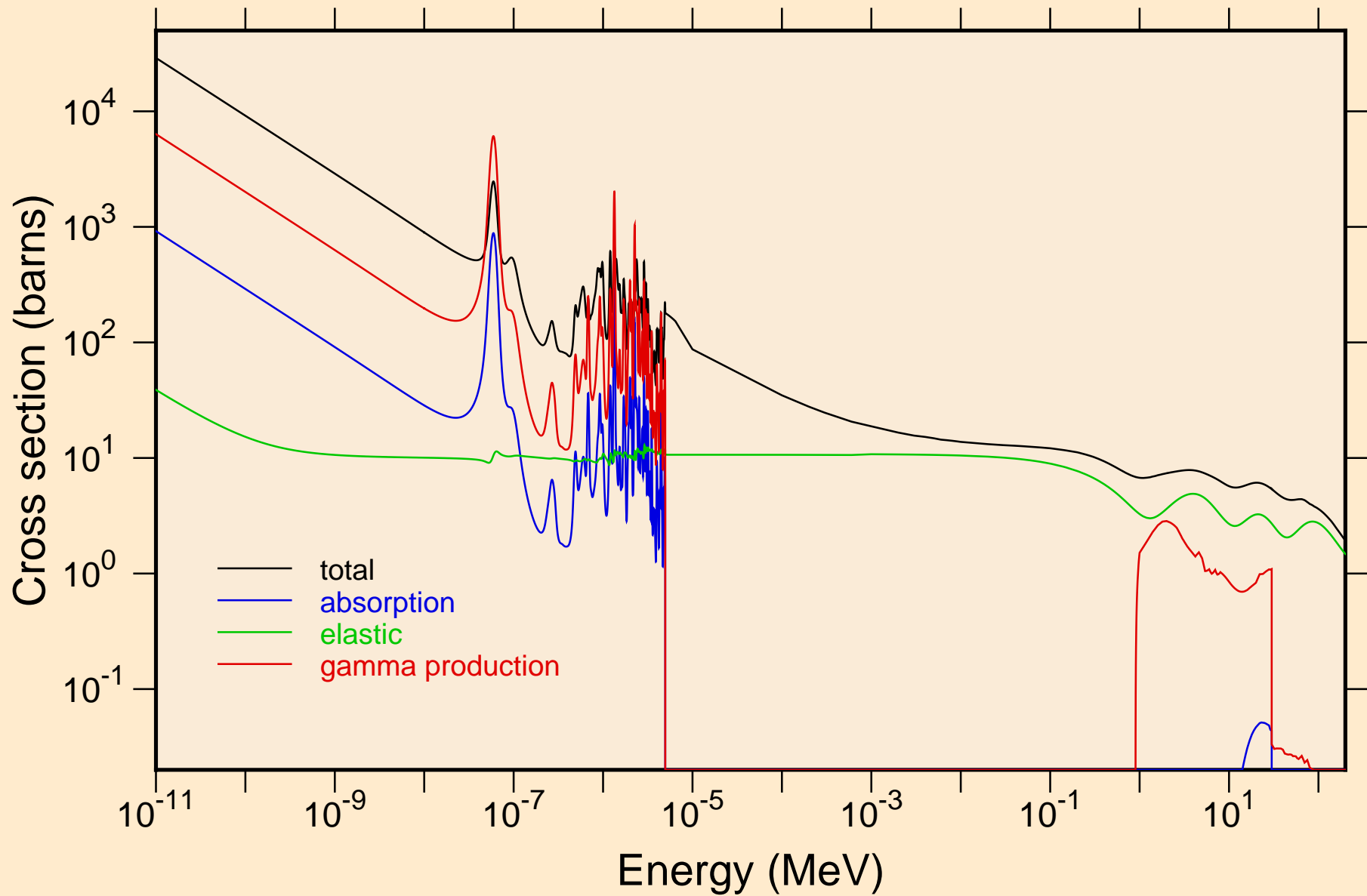
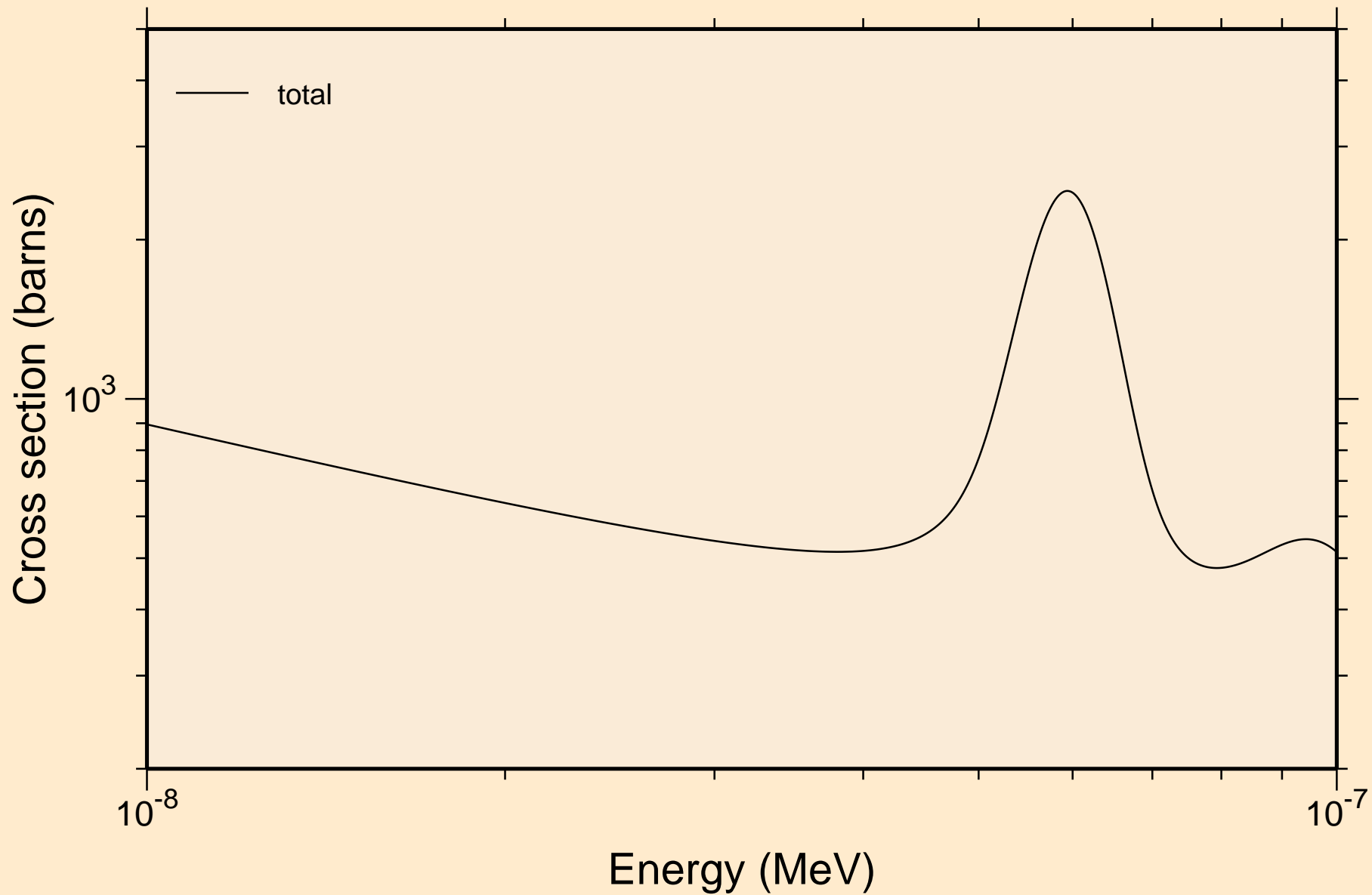


# AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

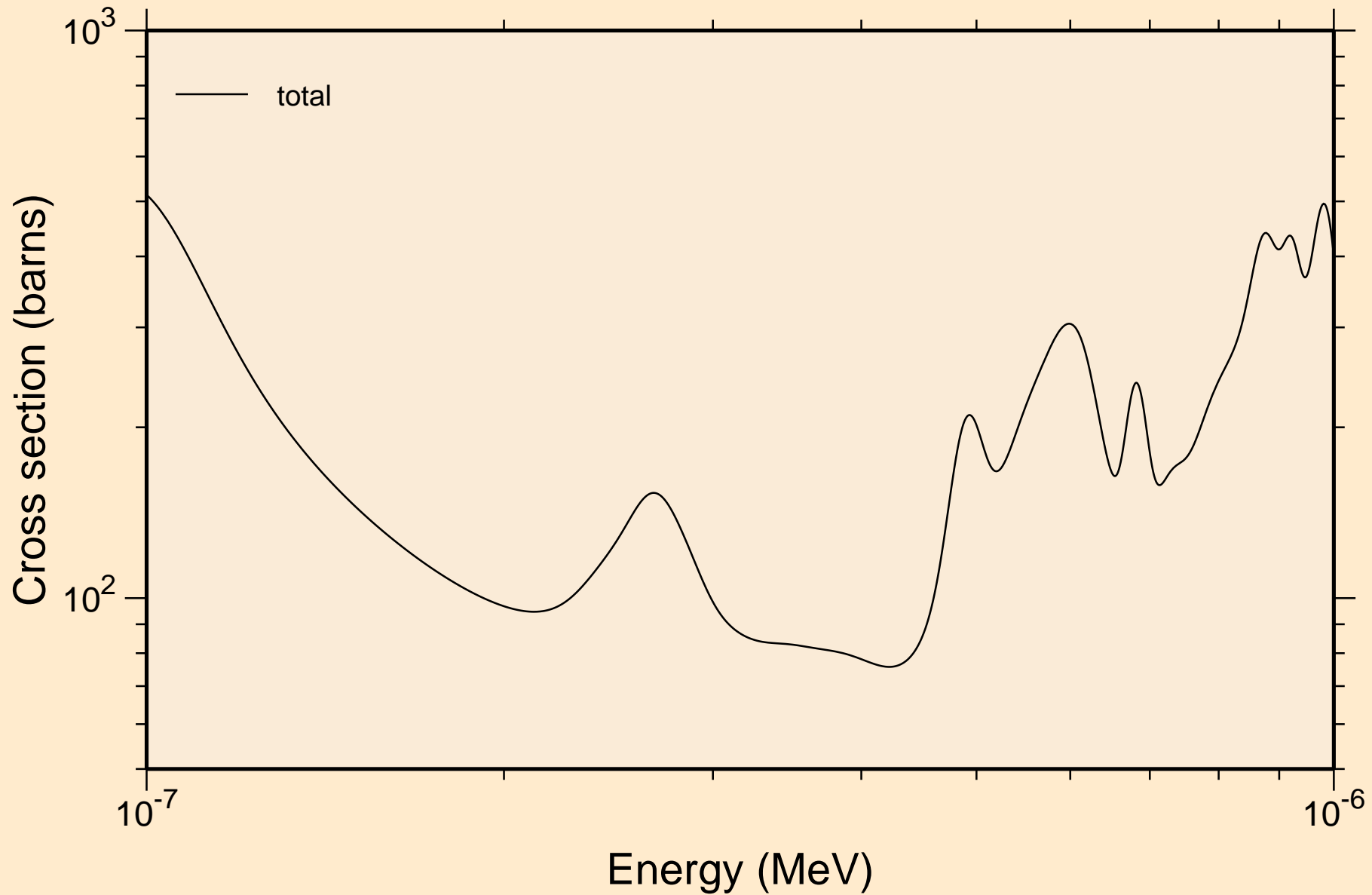
## Principal cross sections



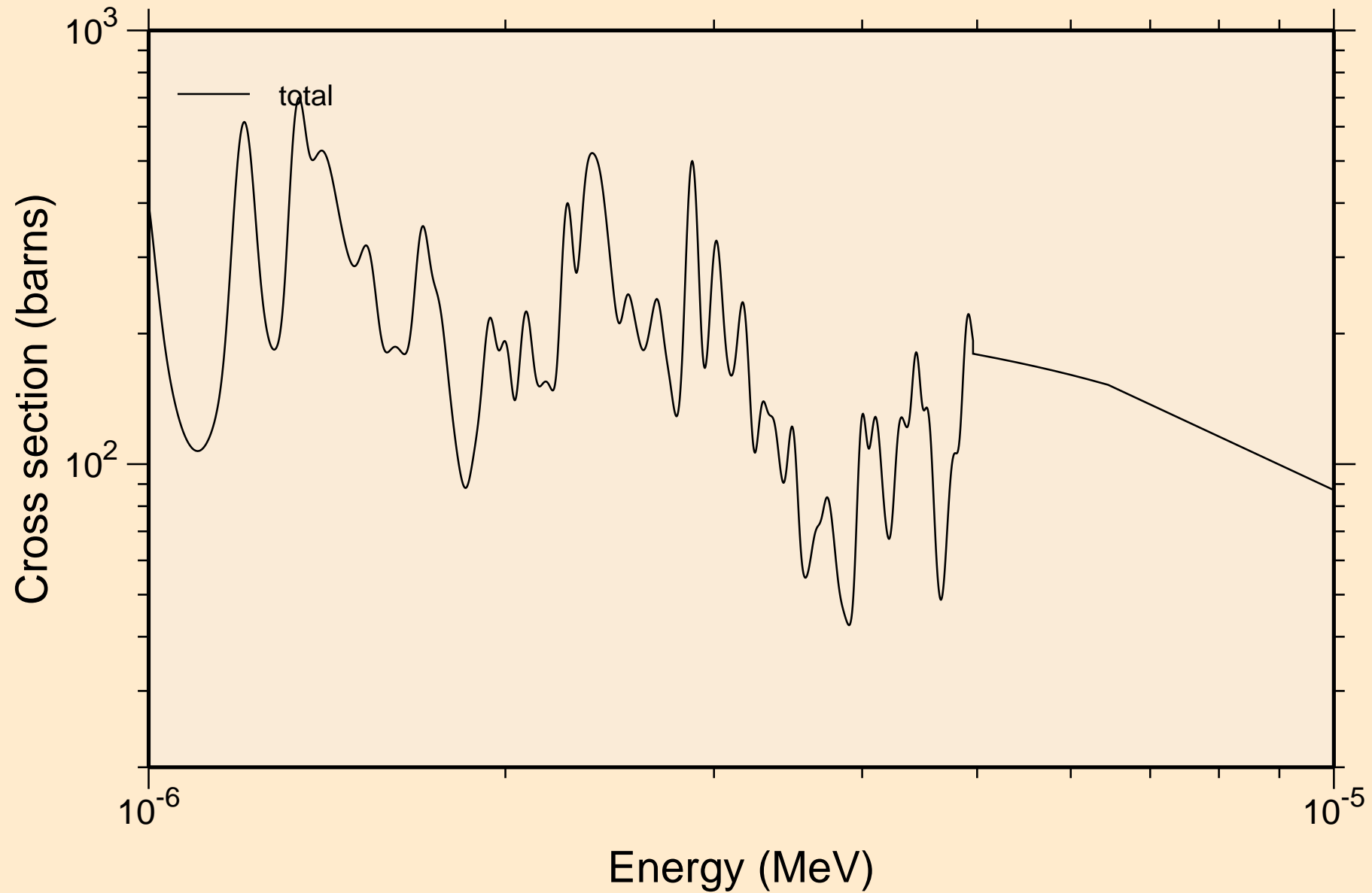
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resonance total cross section



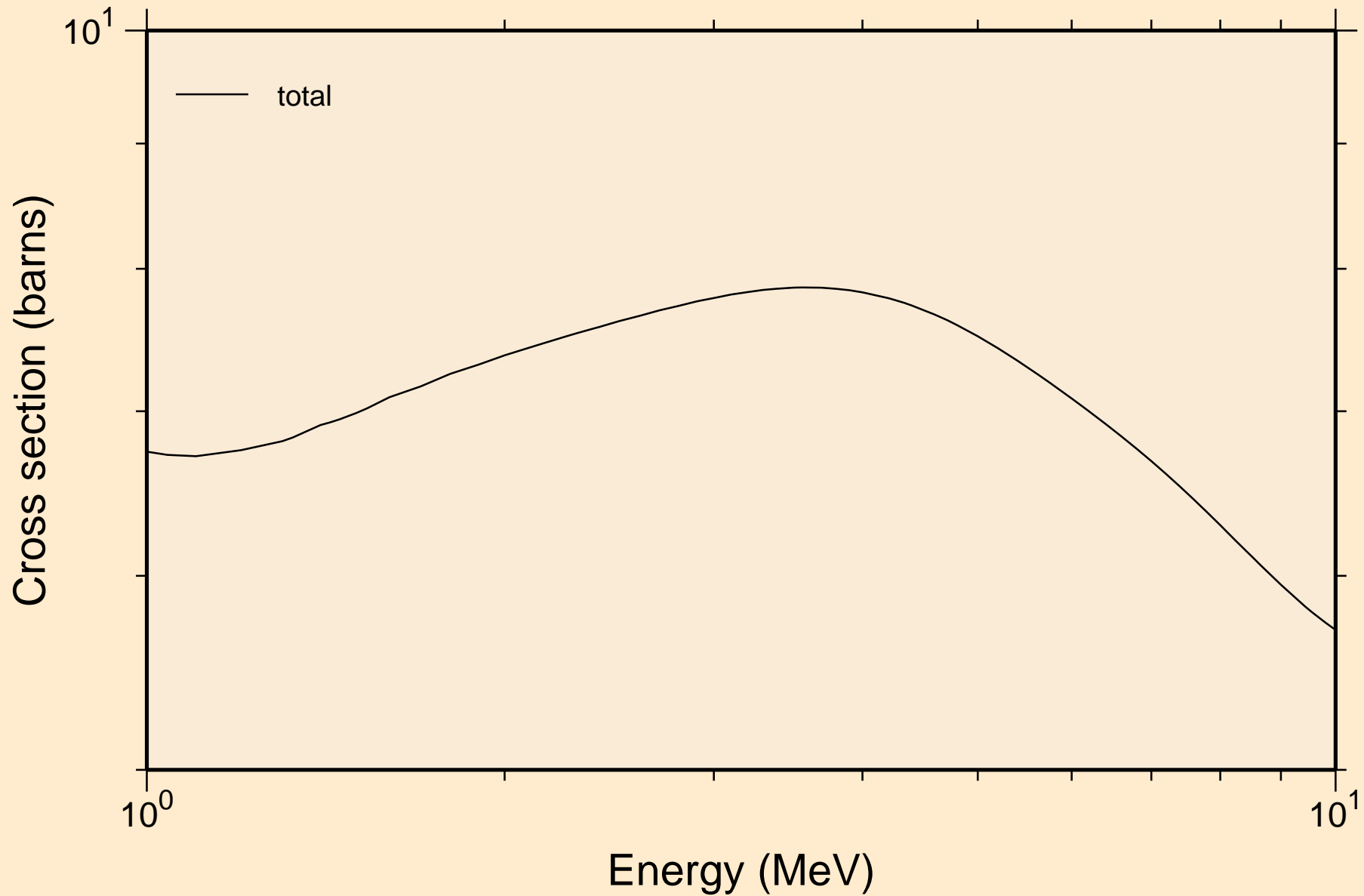
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resonance total cross section



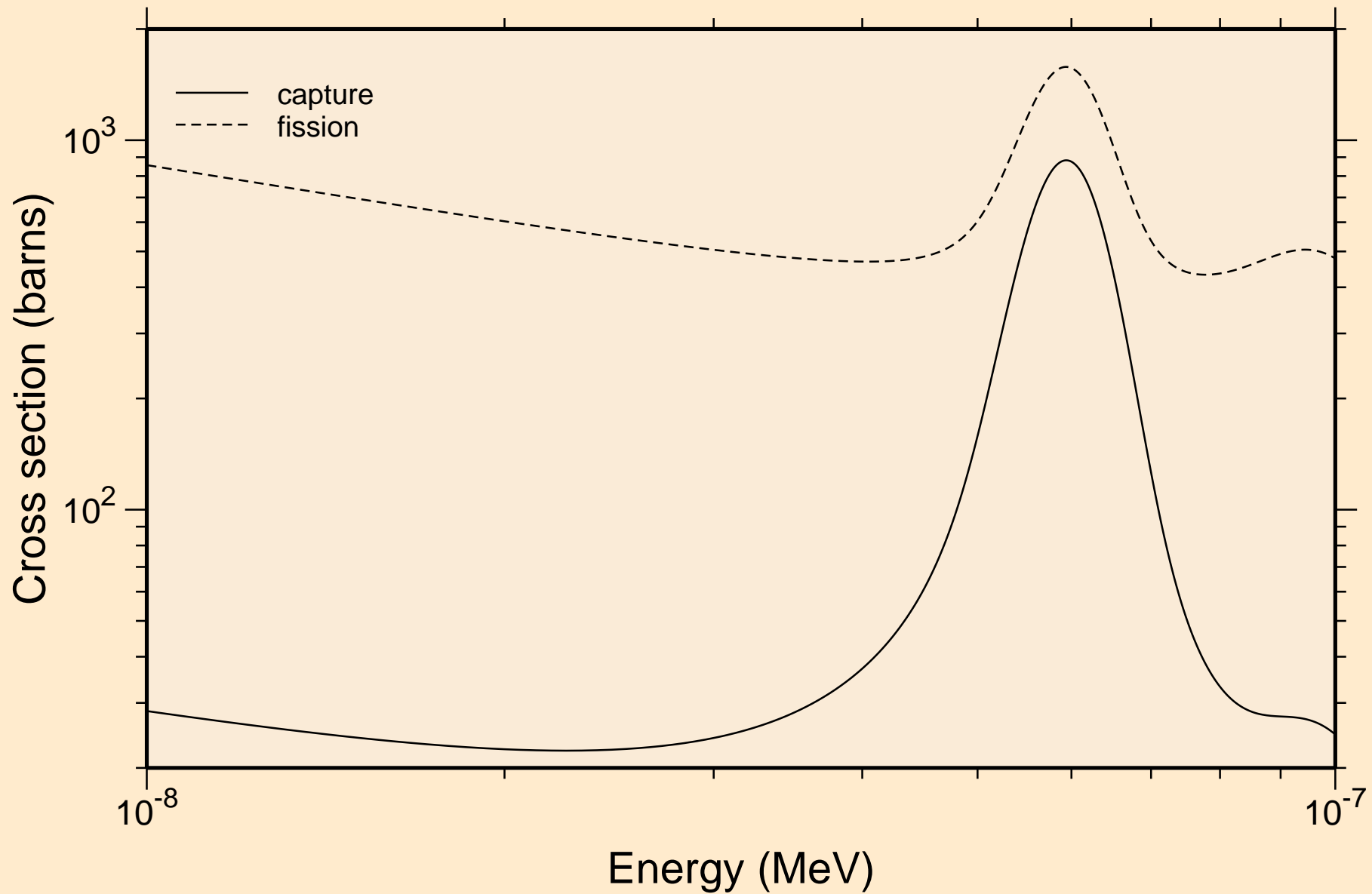
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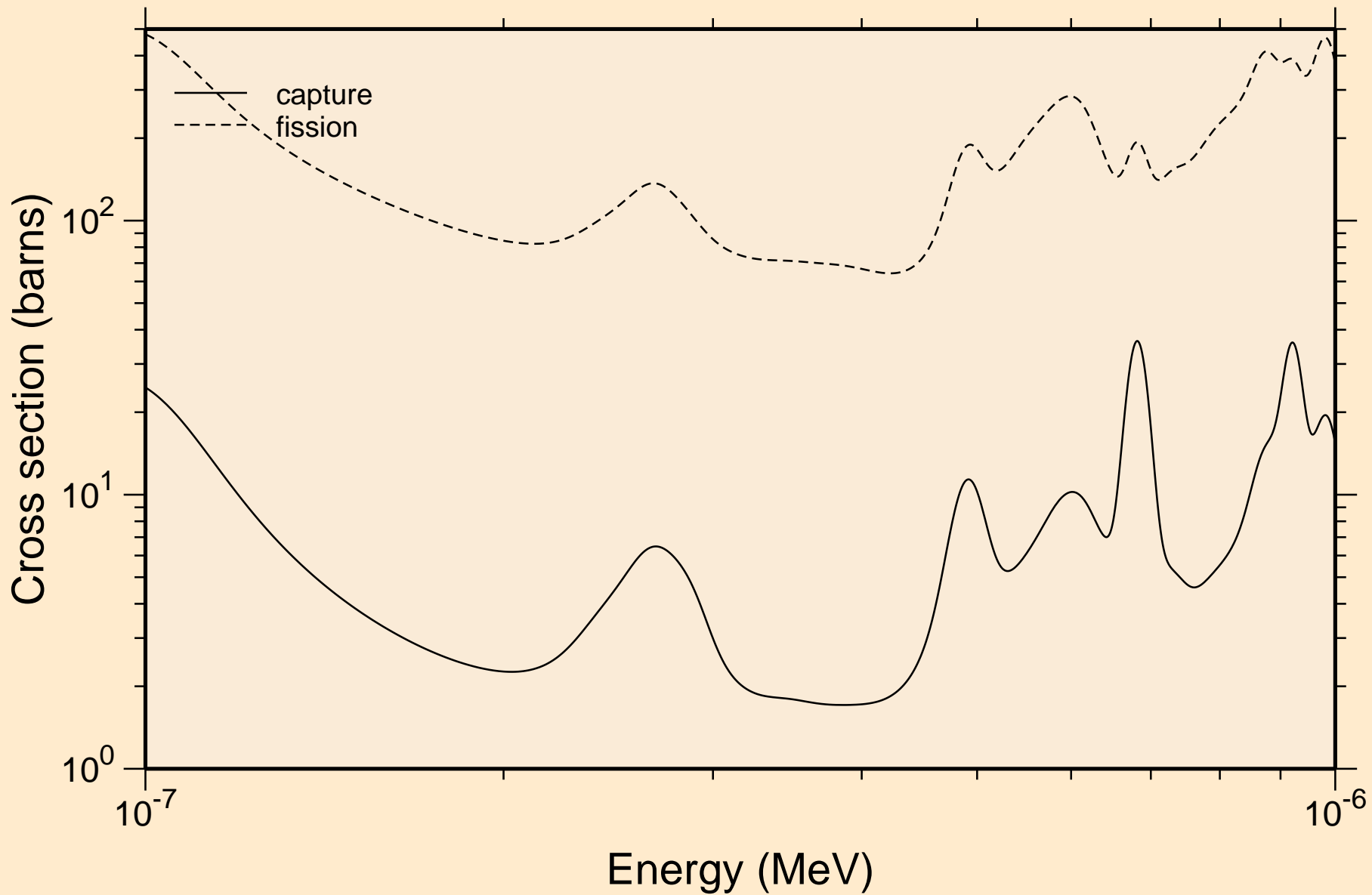
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resonance total cross section



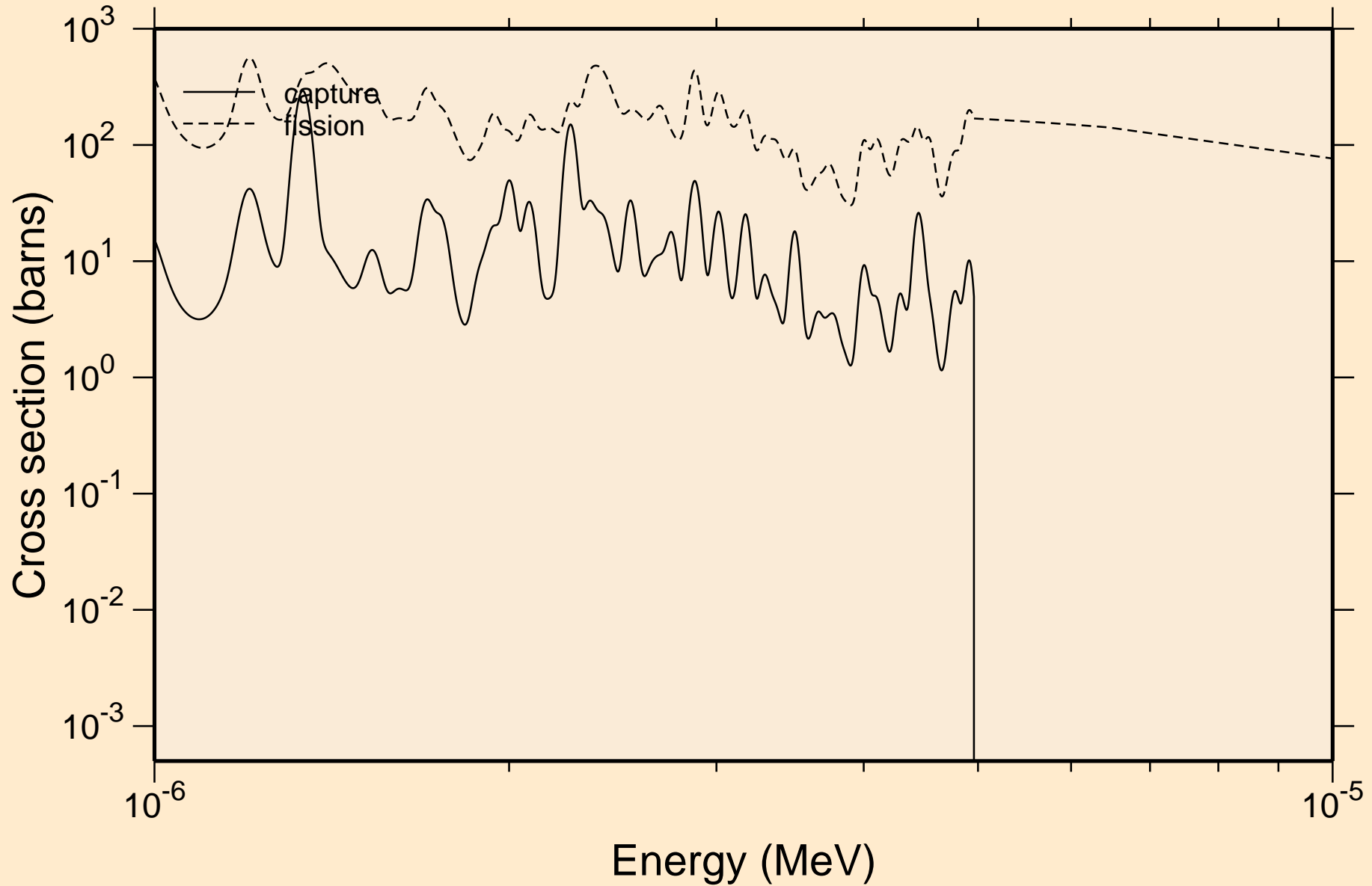
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resonance absorption cross sections



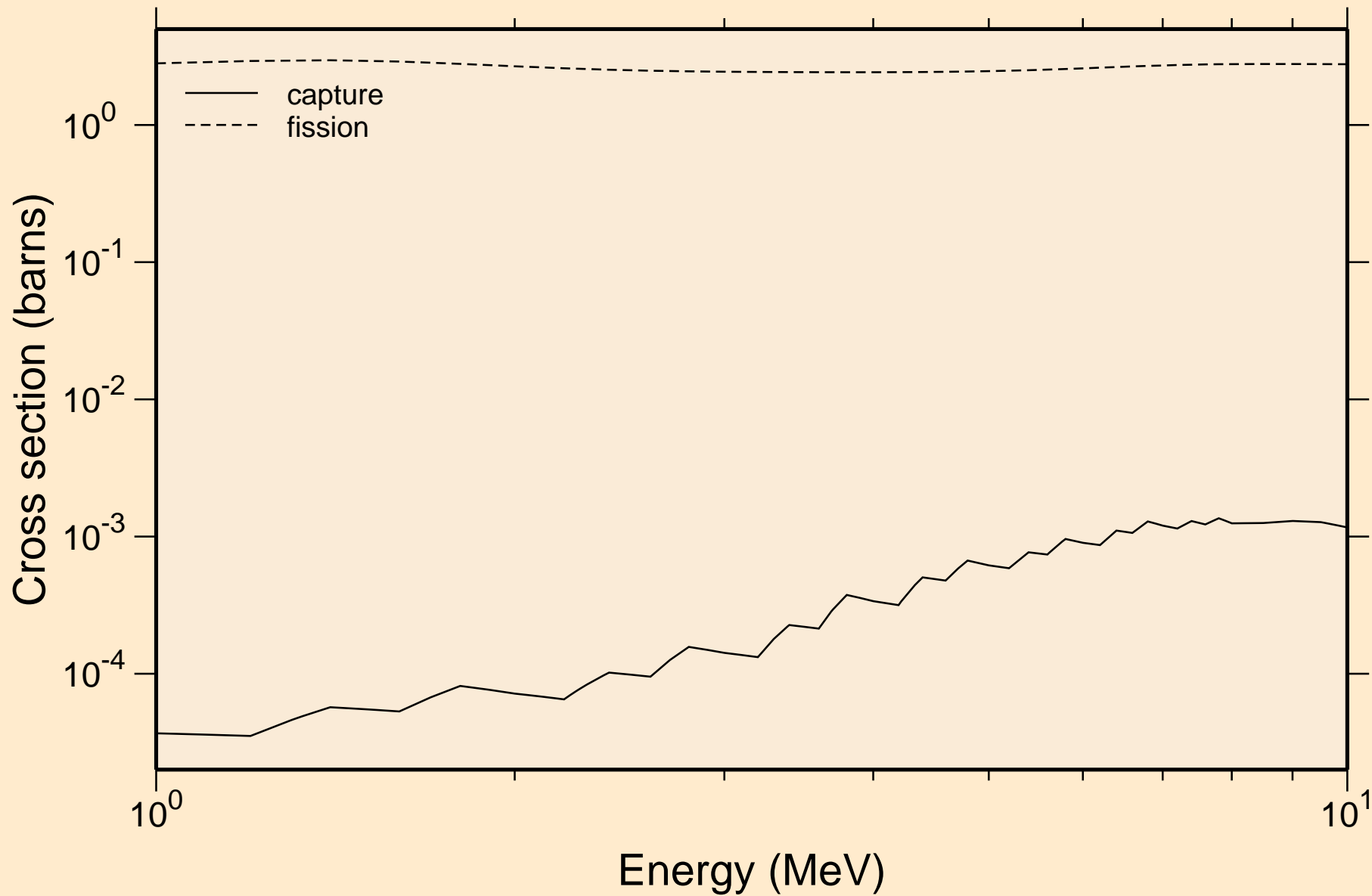
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resonance absorption cross sections



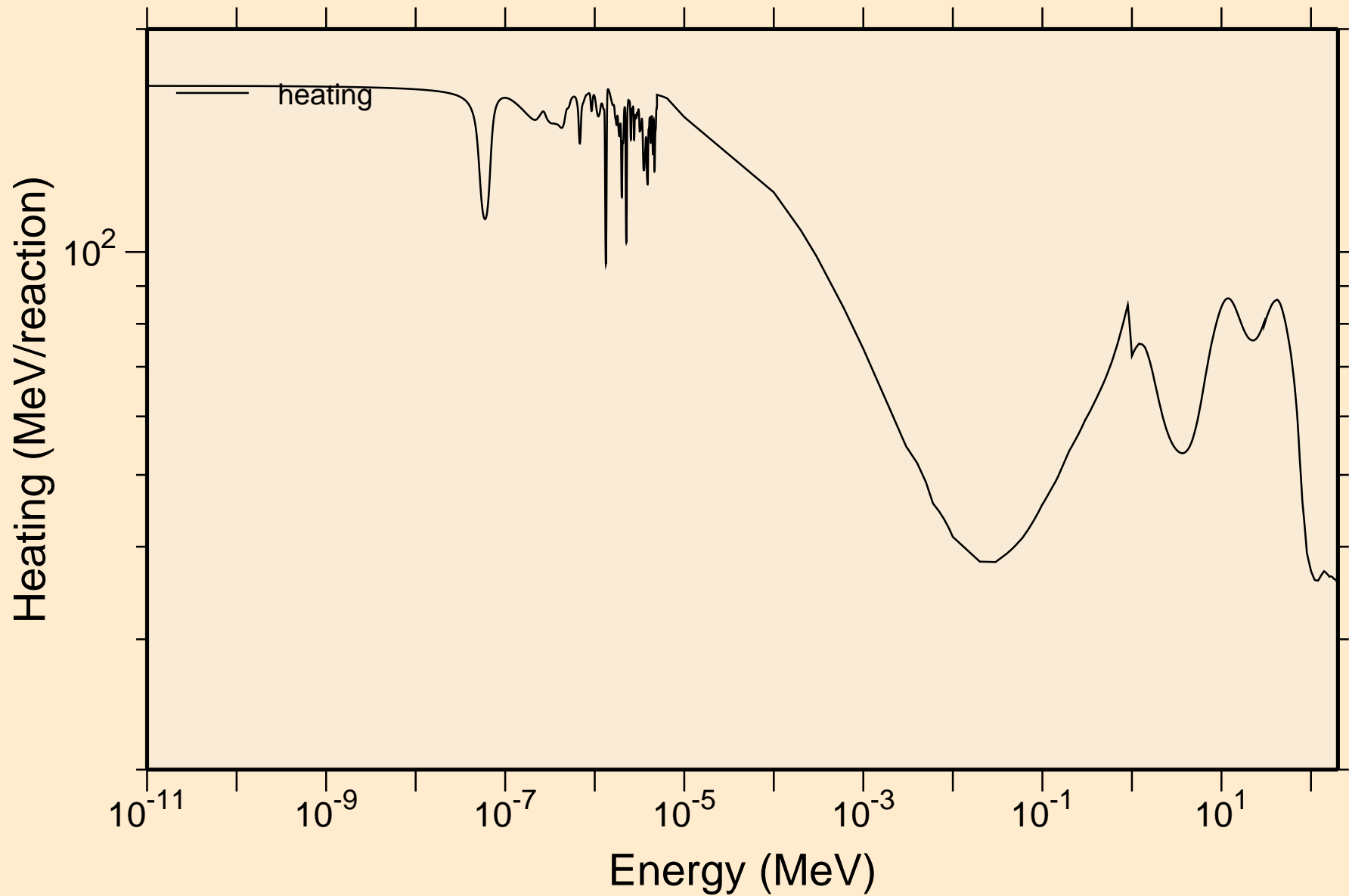
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resonance absorption cross sections



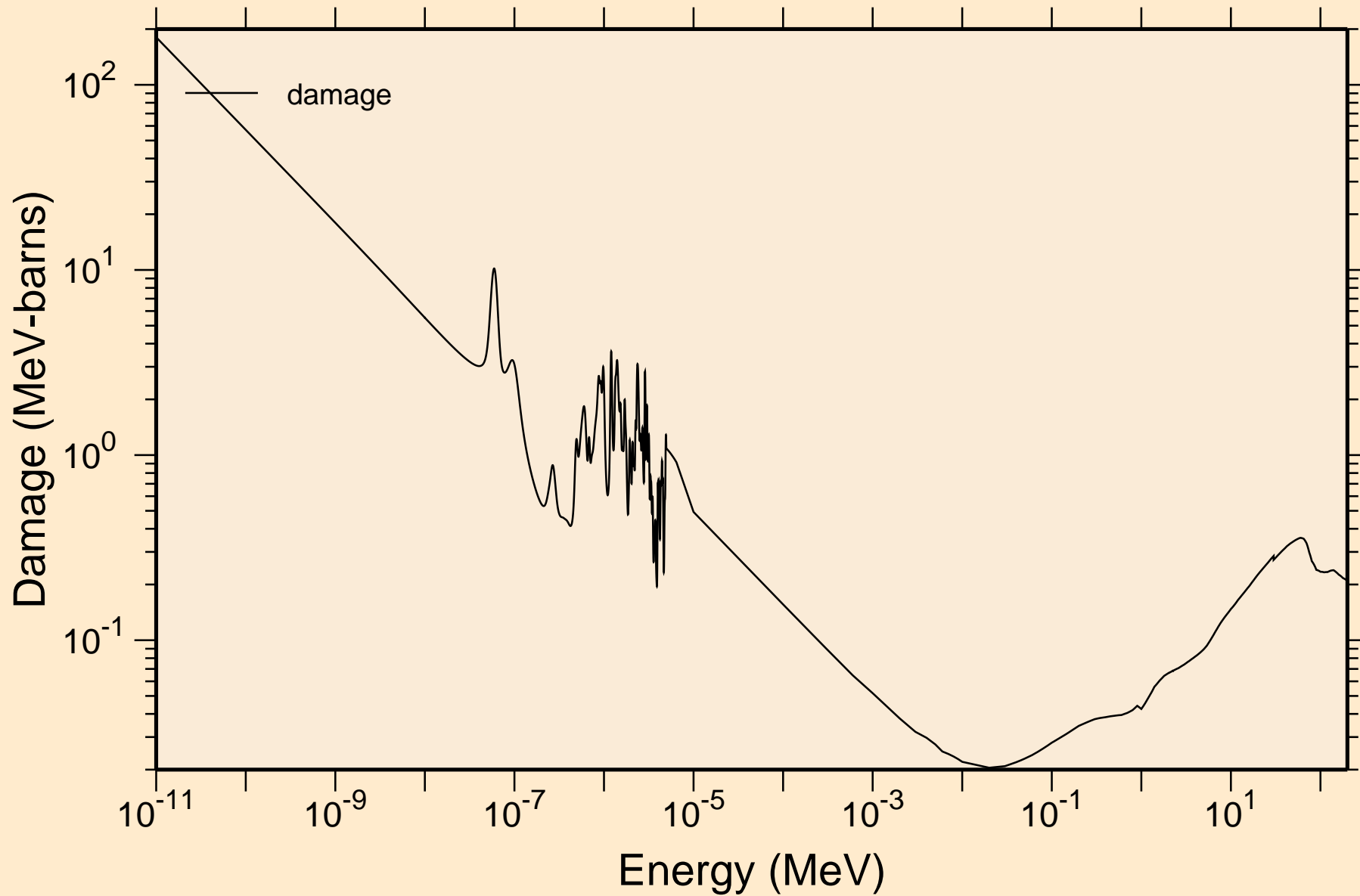
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

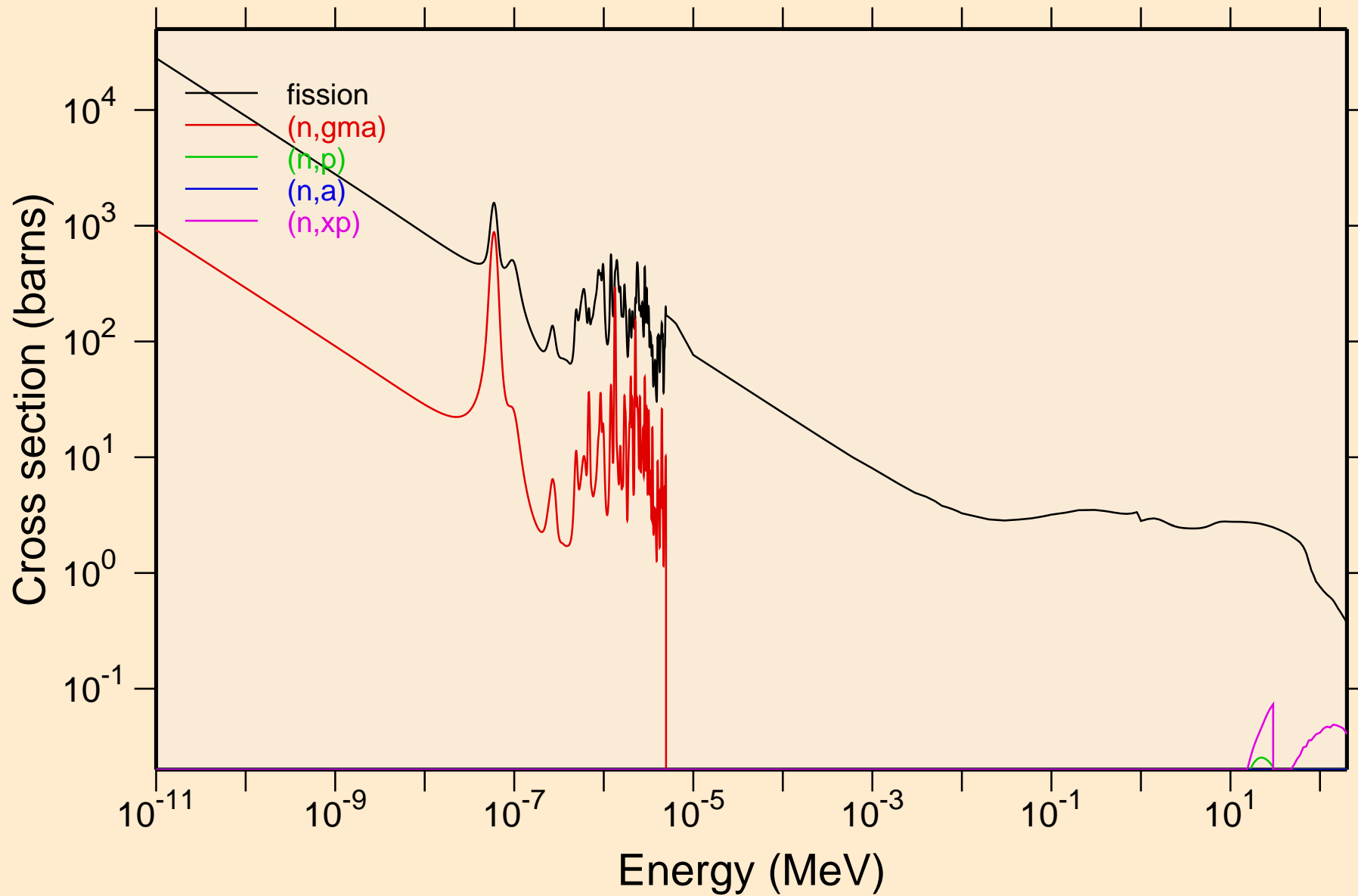


AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

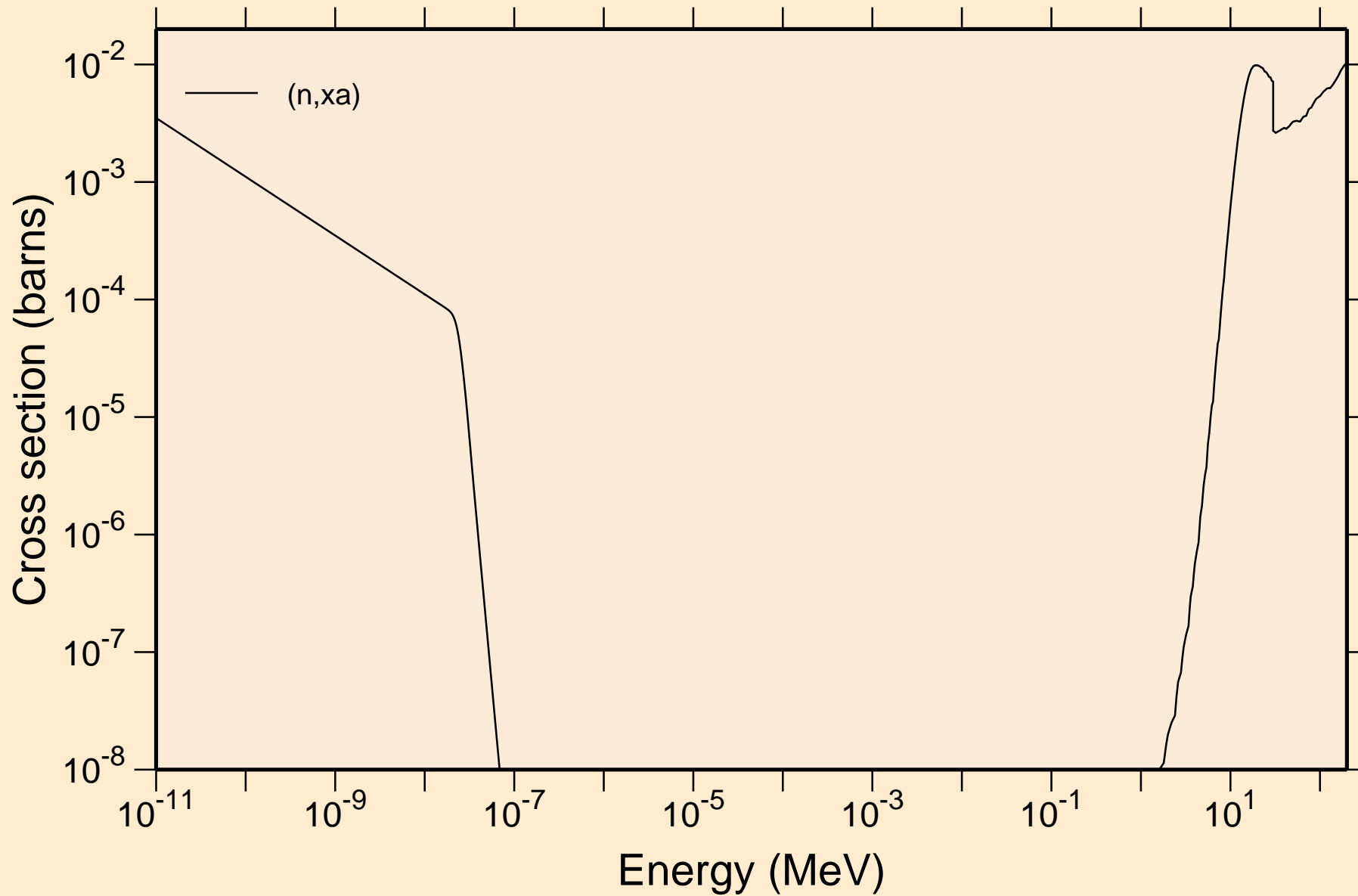


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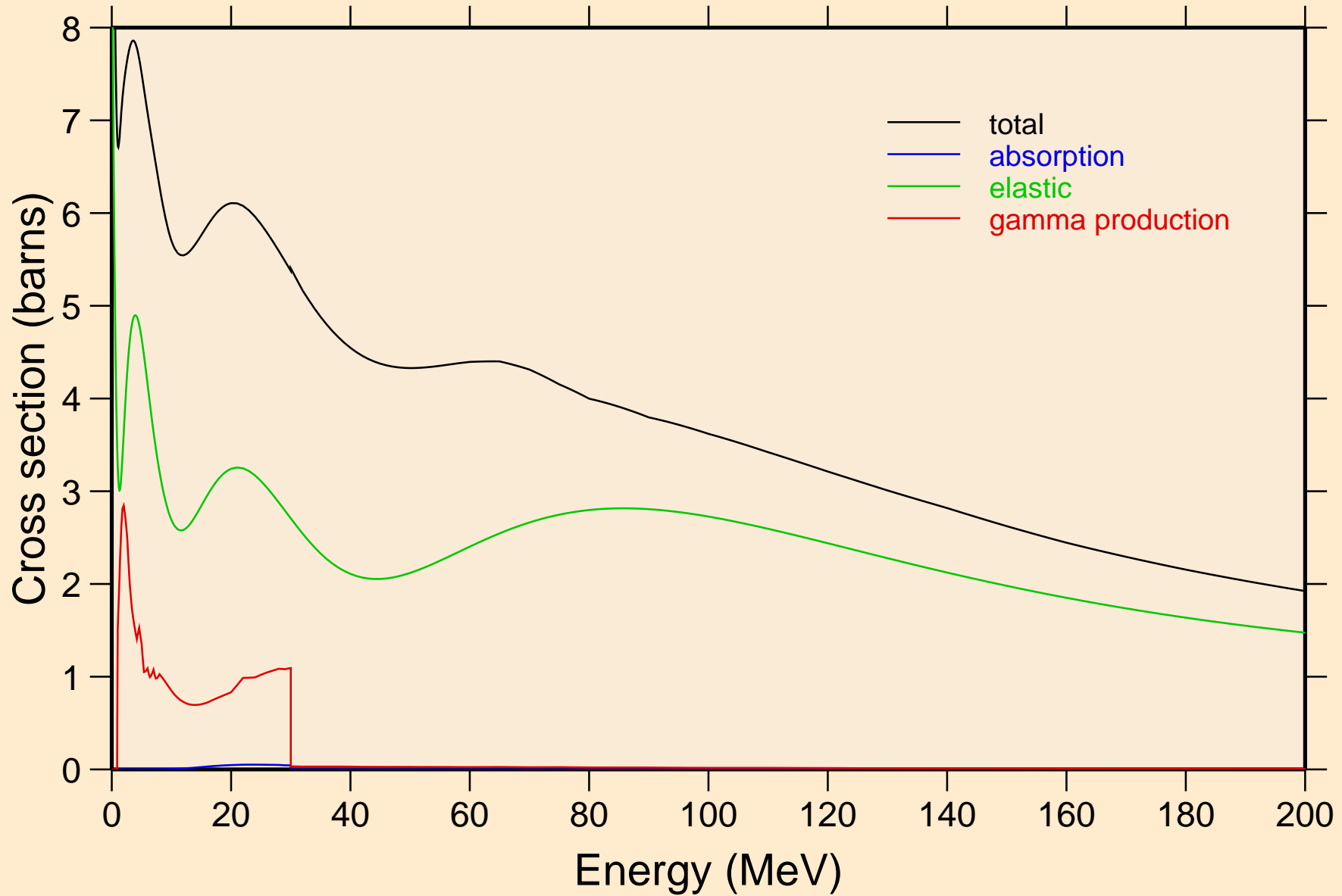
## Non-threshold reactions



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

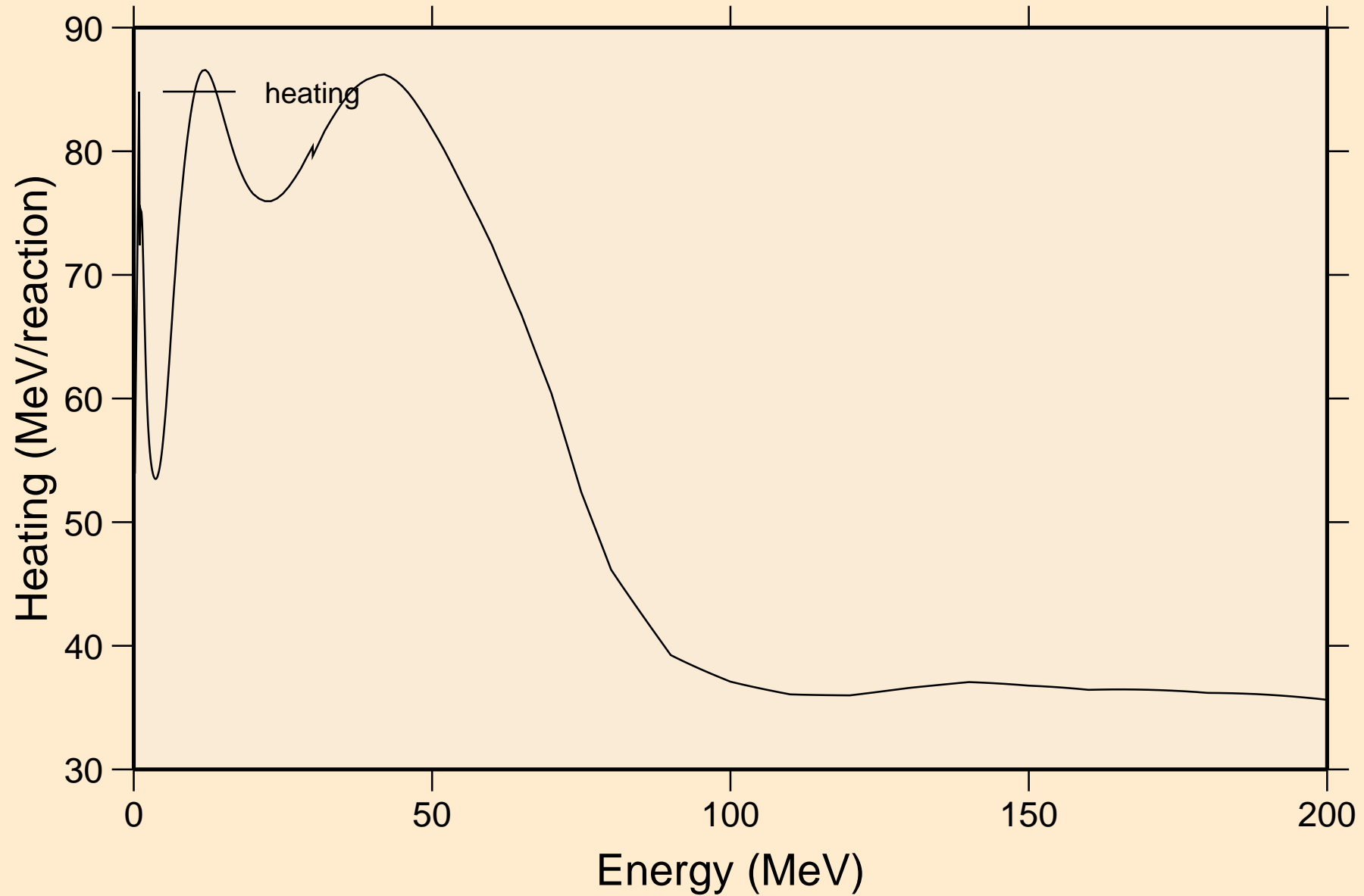


AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections

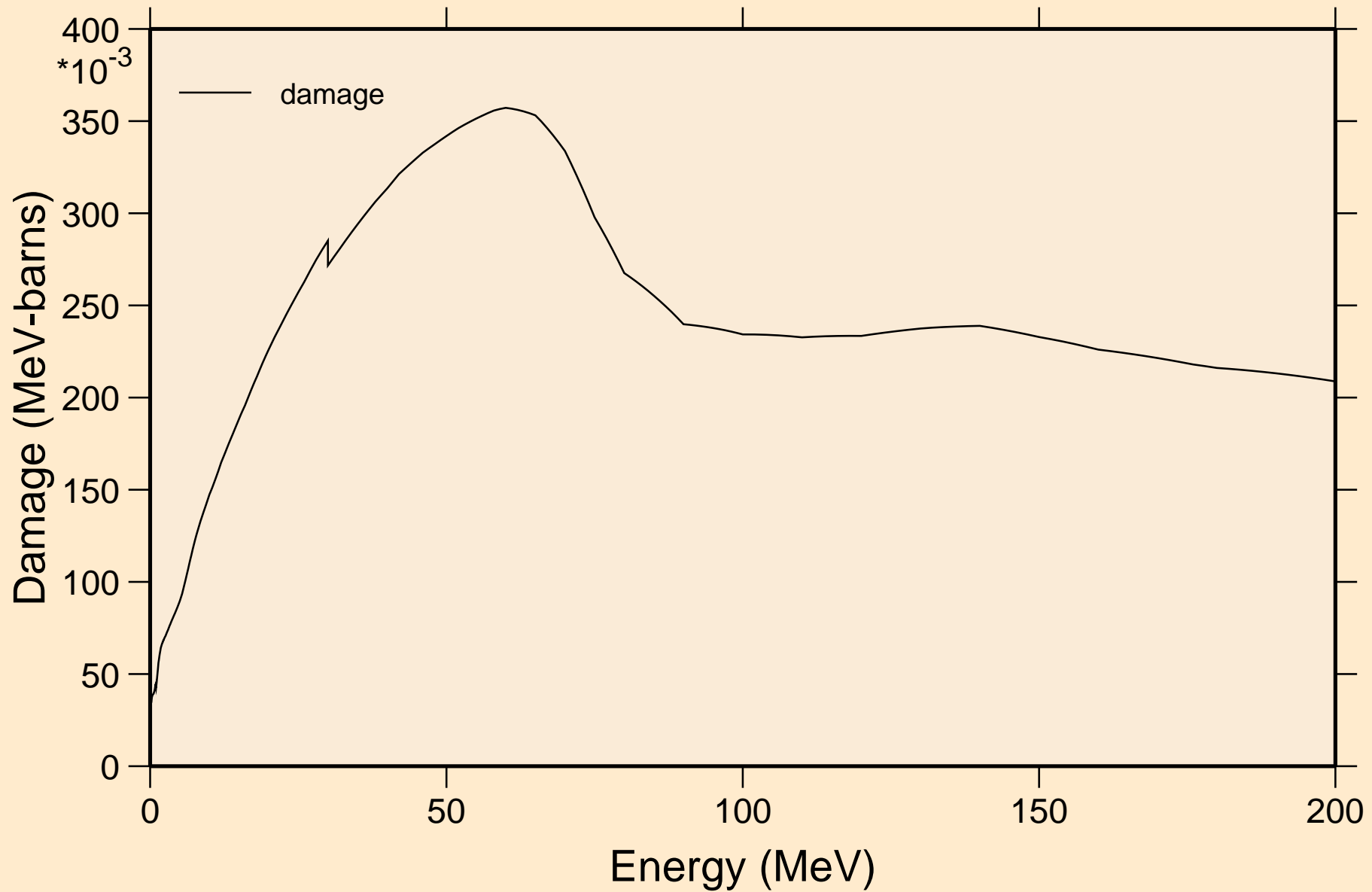


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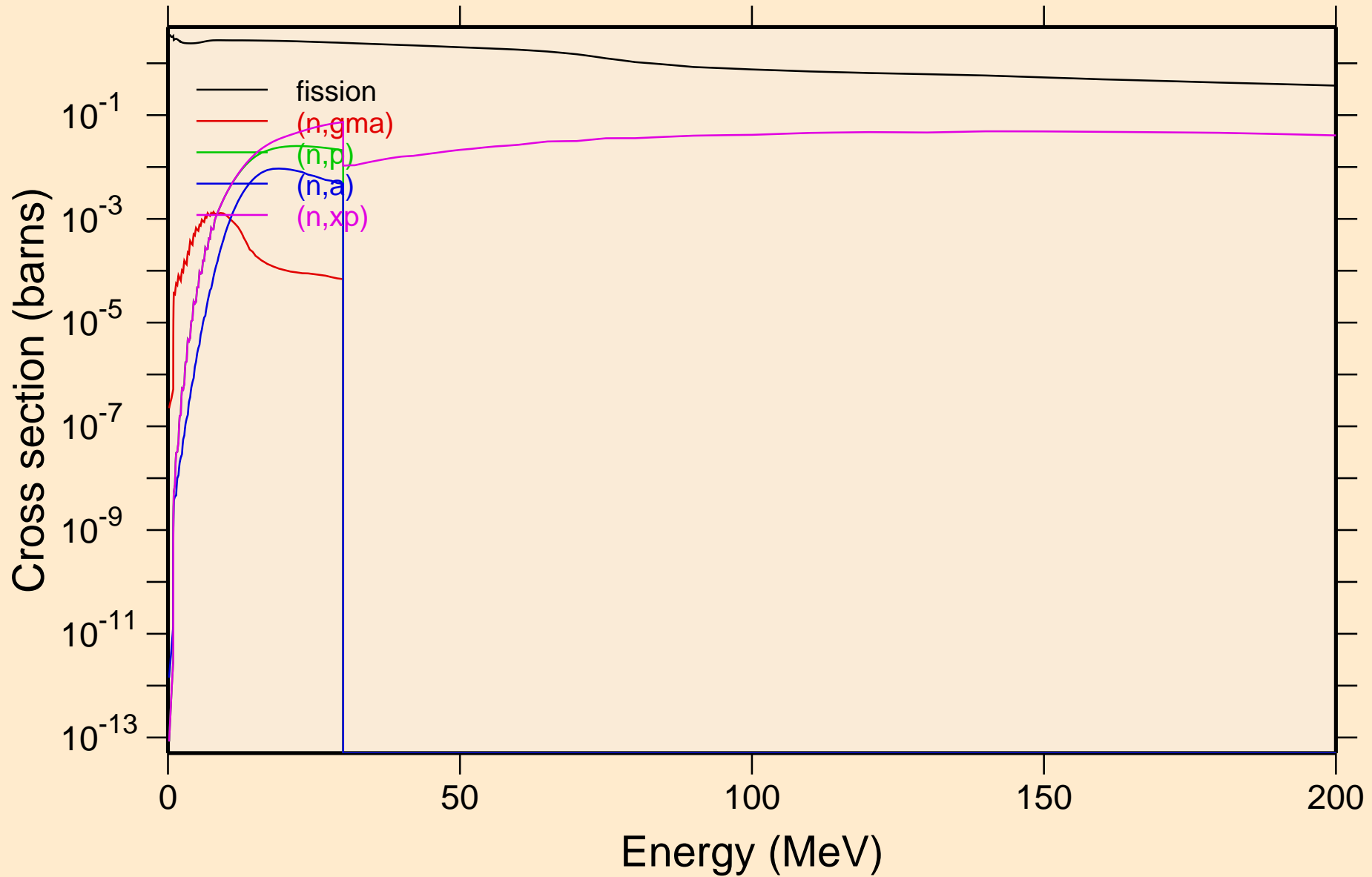
Heating



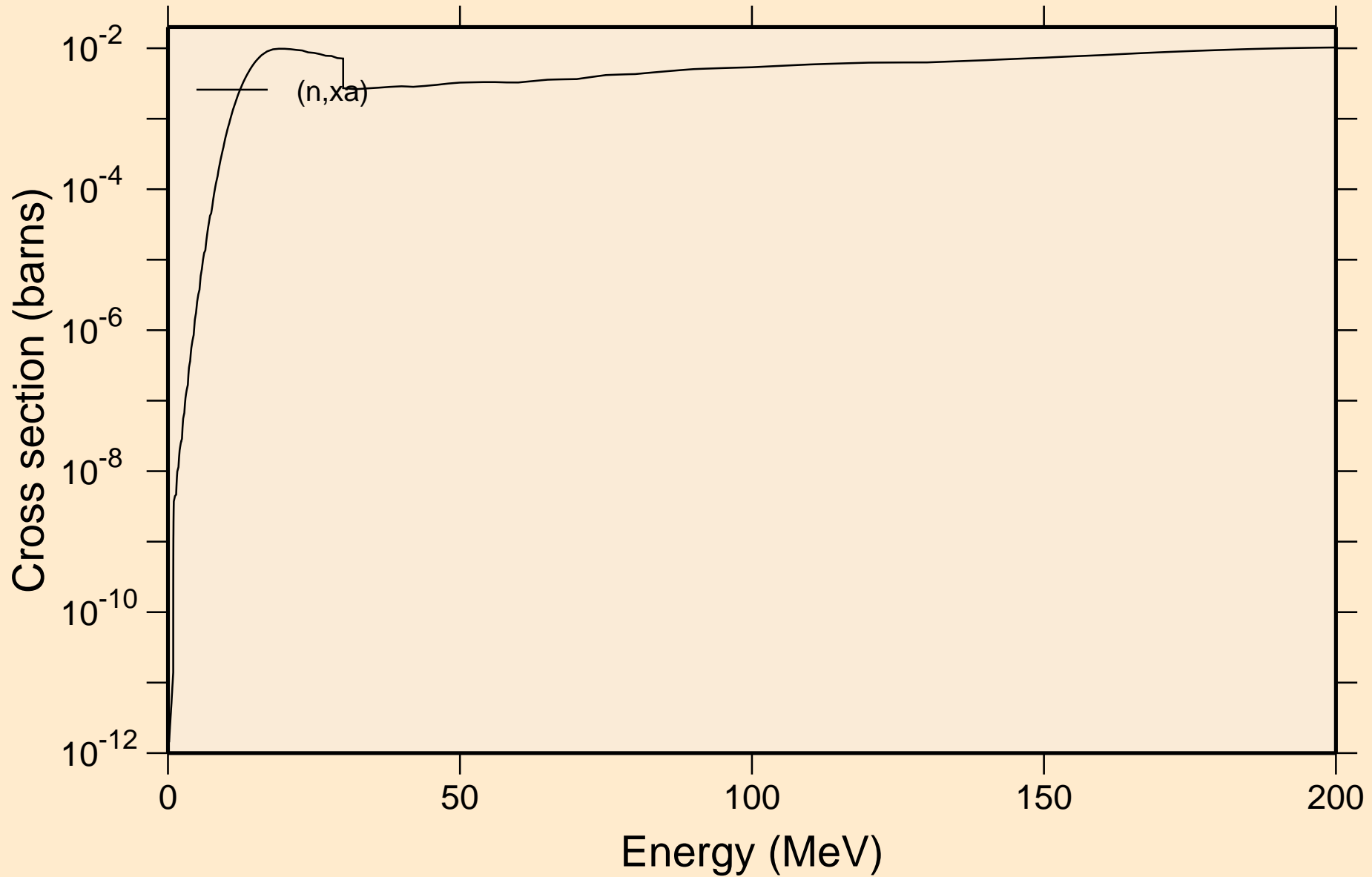
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Damage



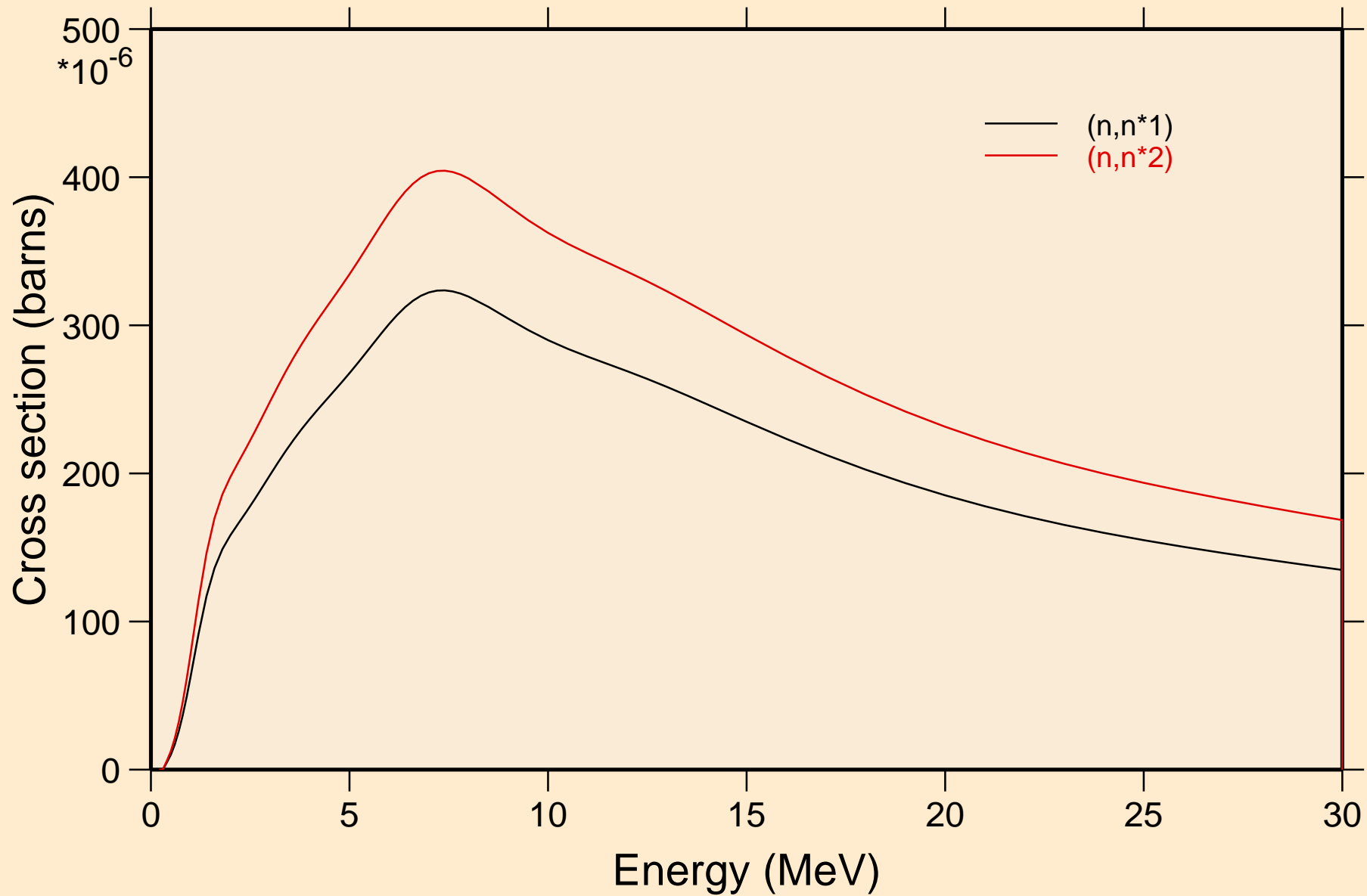
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

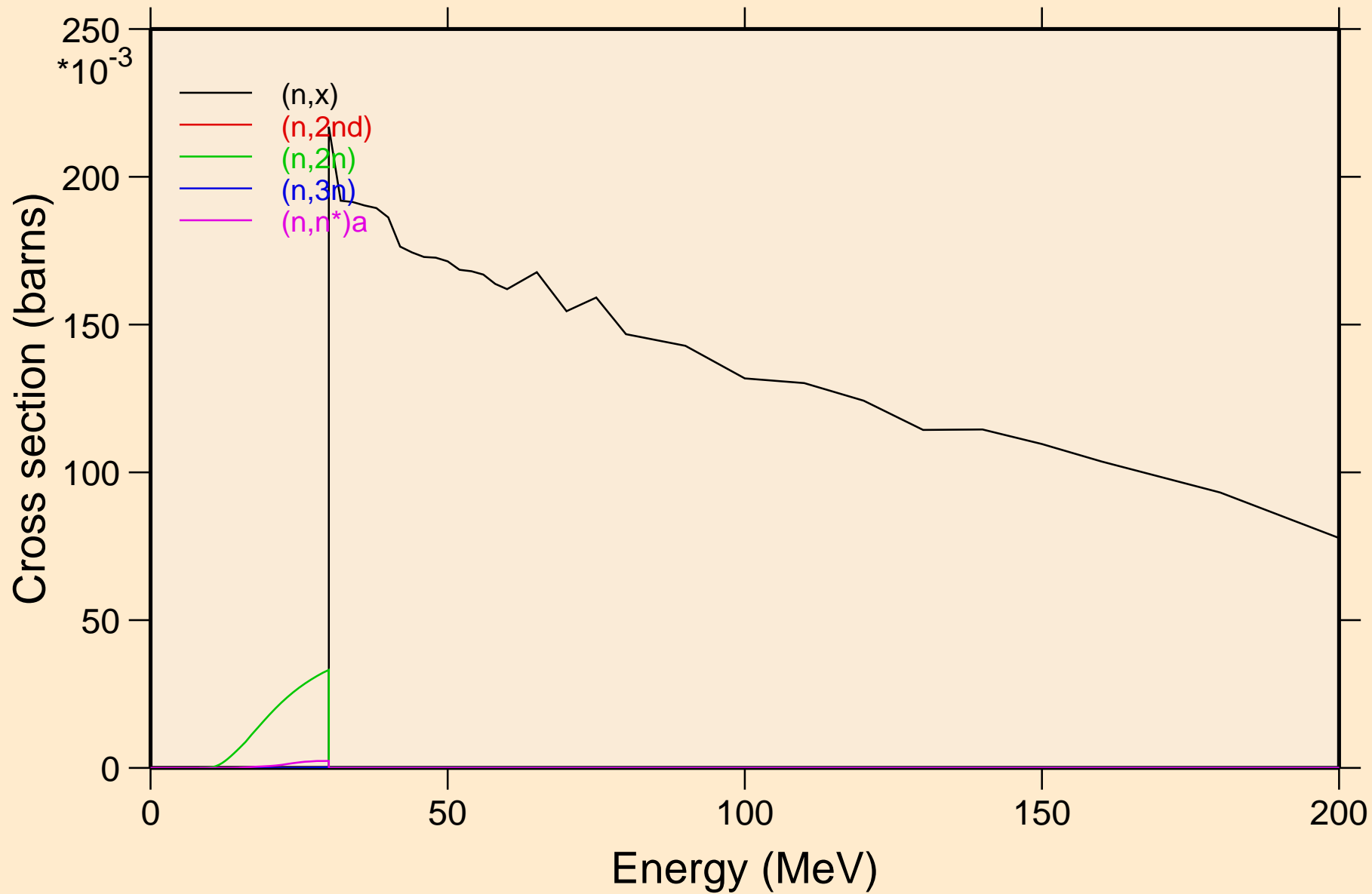


AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

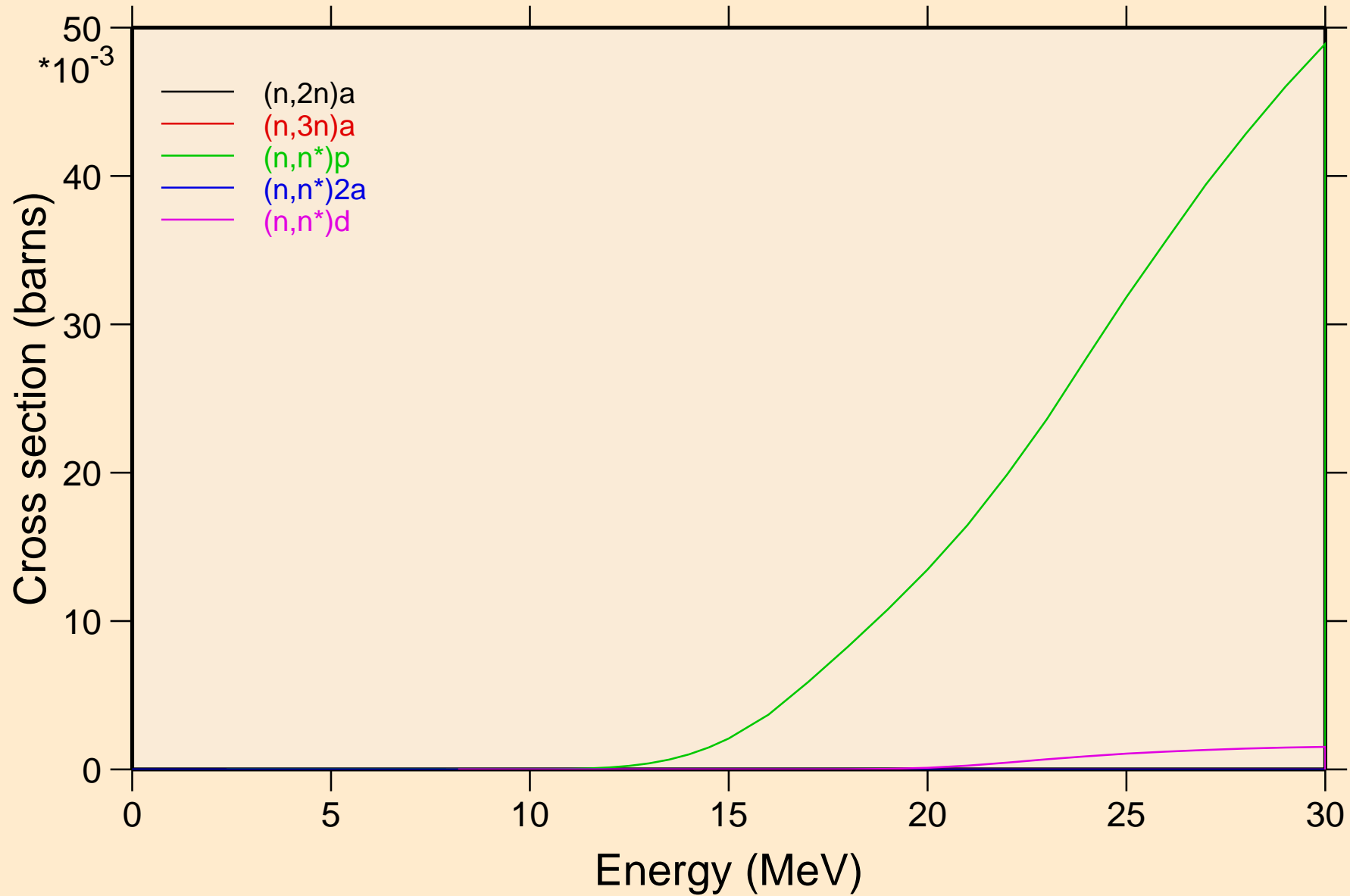


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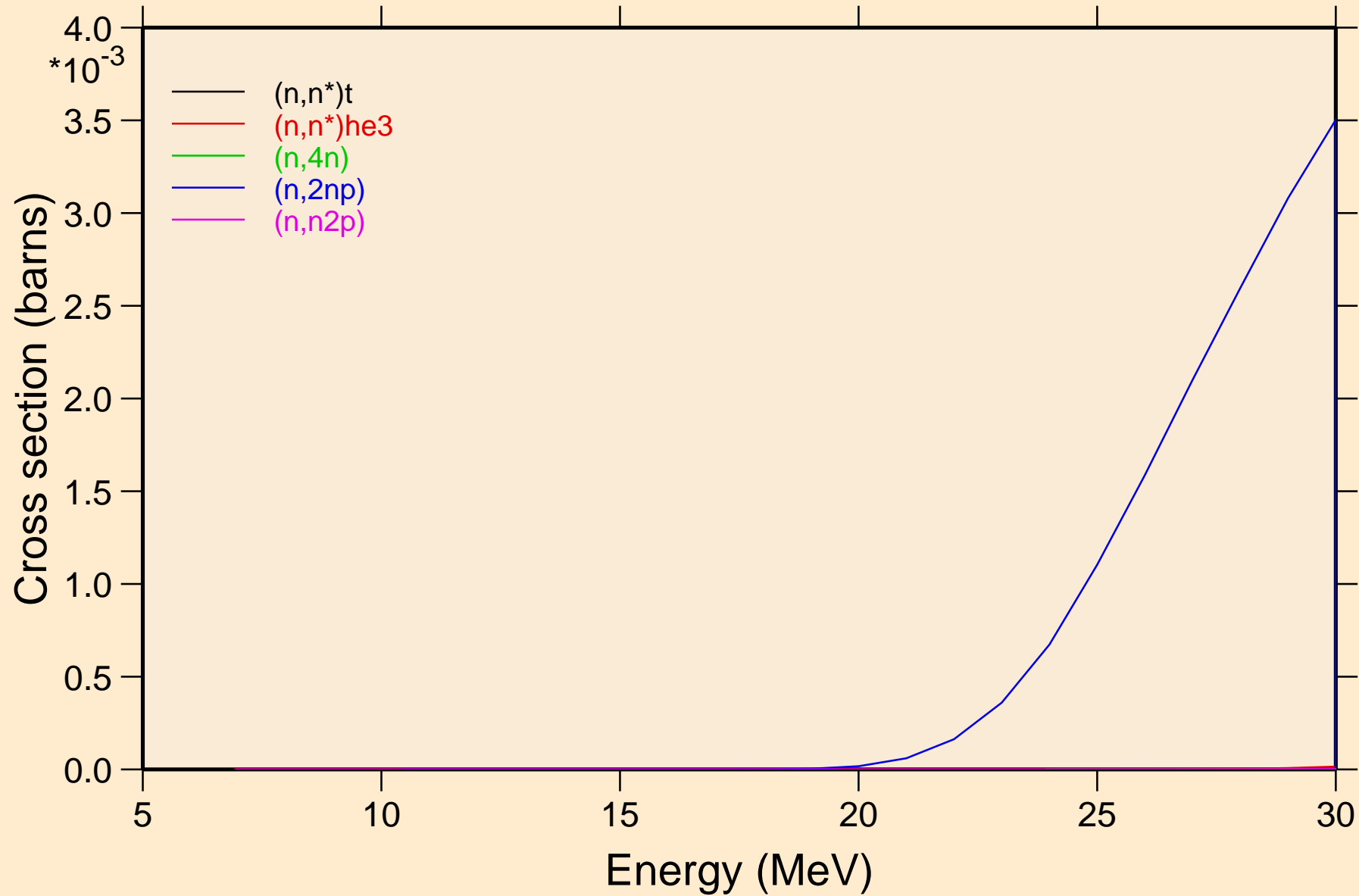
## Threshold reactions



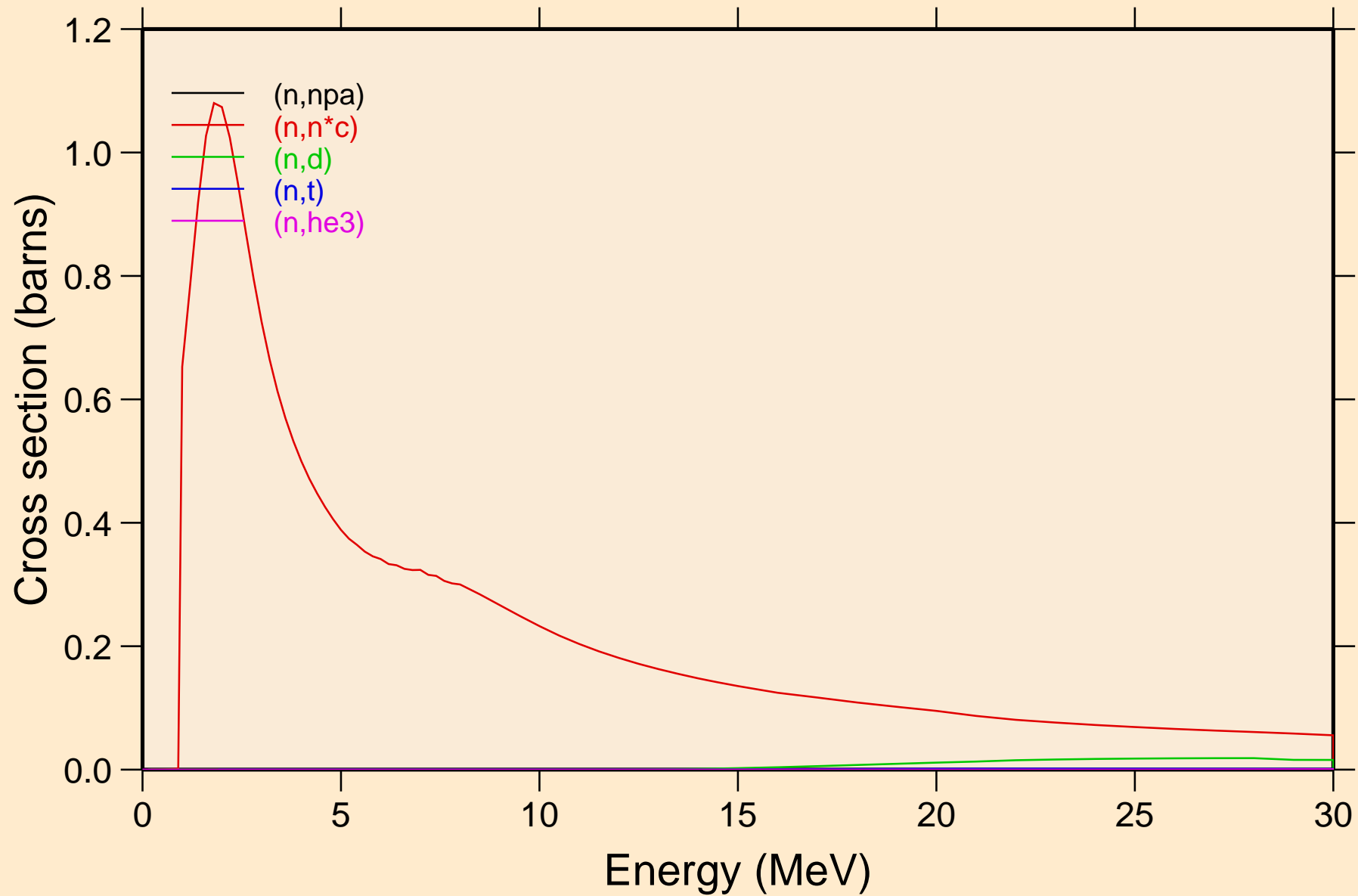
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Threshold reactions



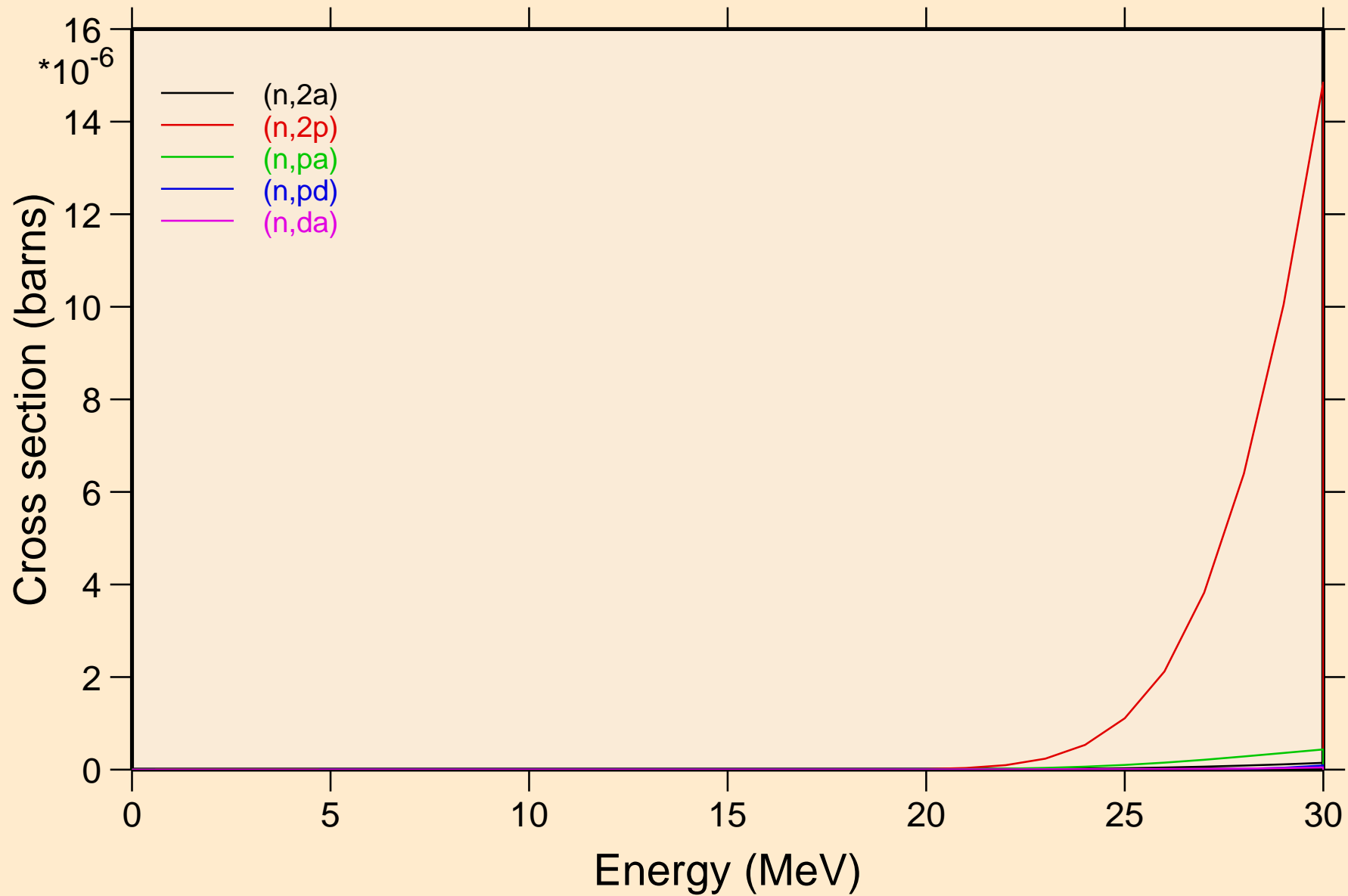
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Threshold reactions



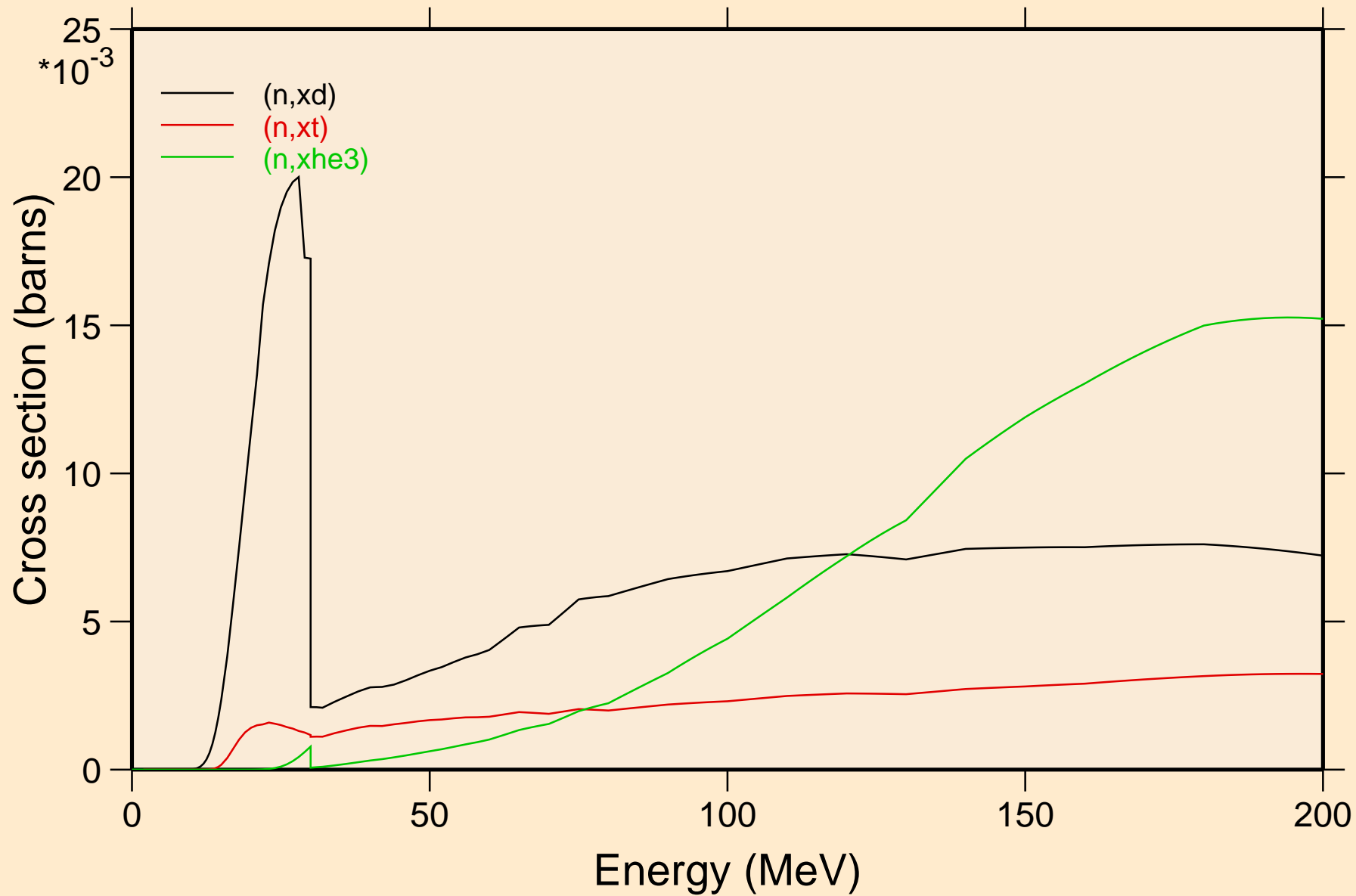
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Threshold reactions



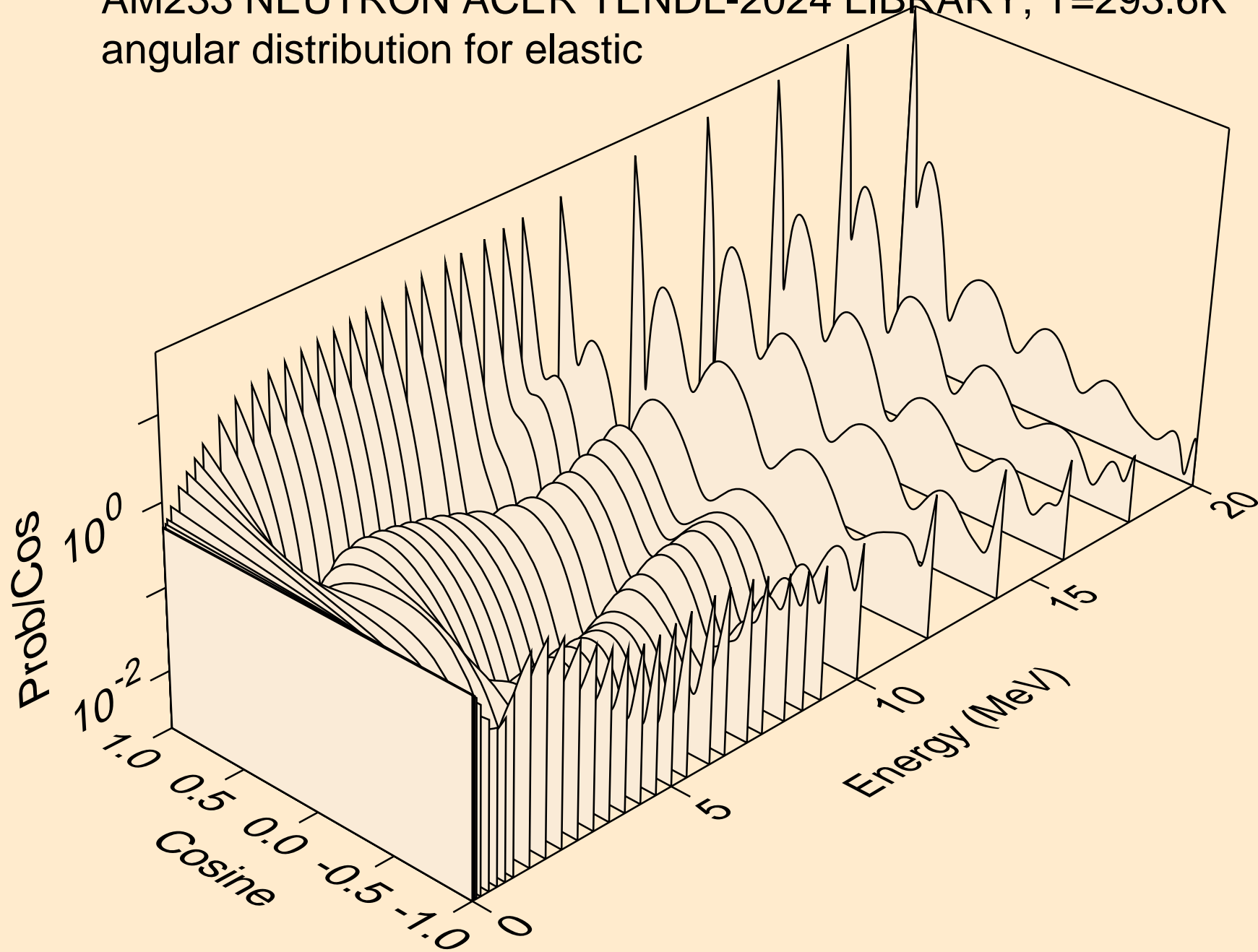
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Threshold reactions



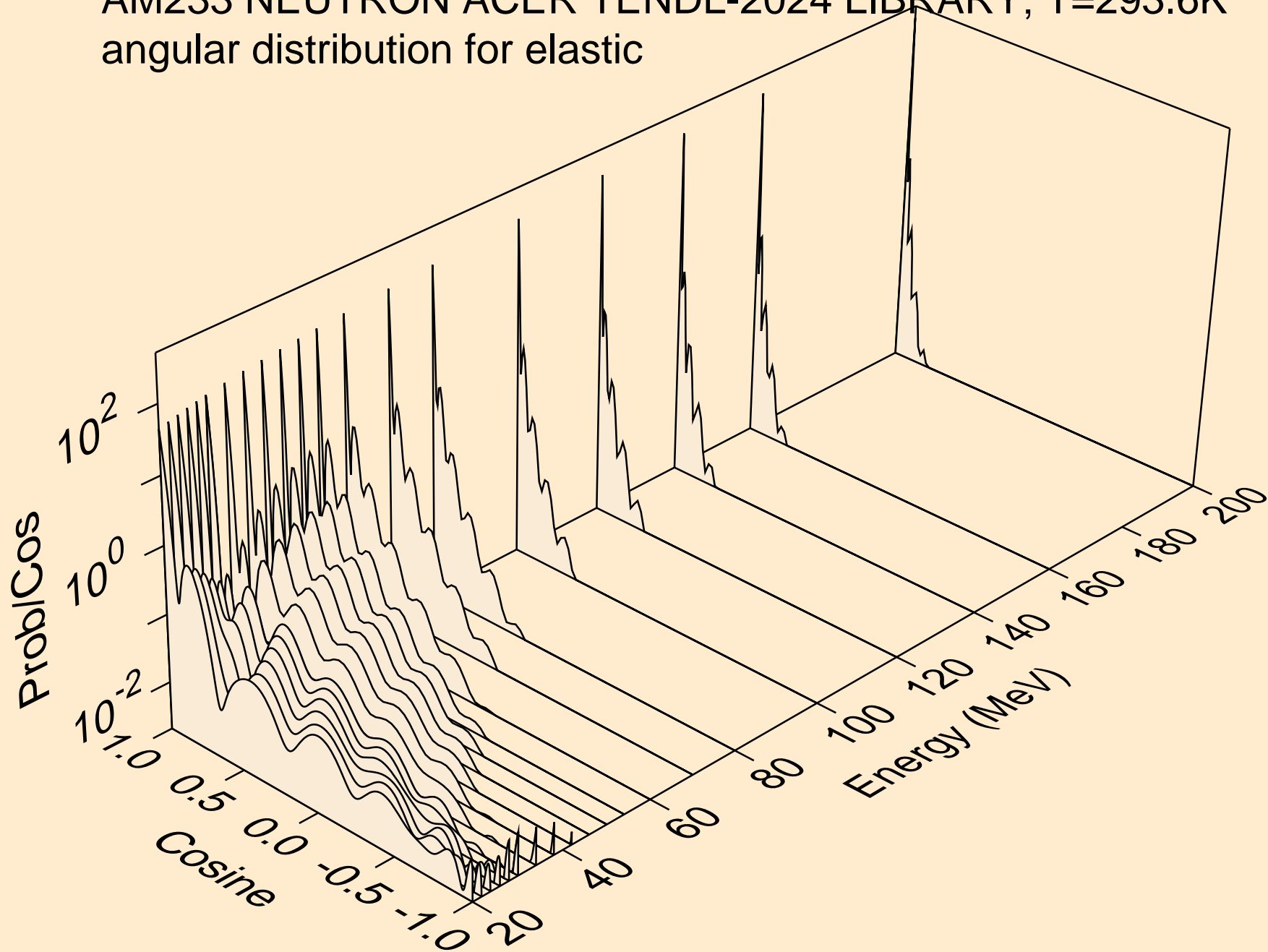
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Threshold reactions



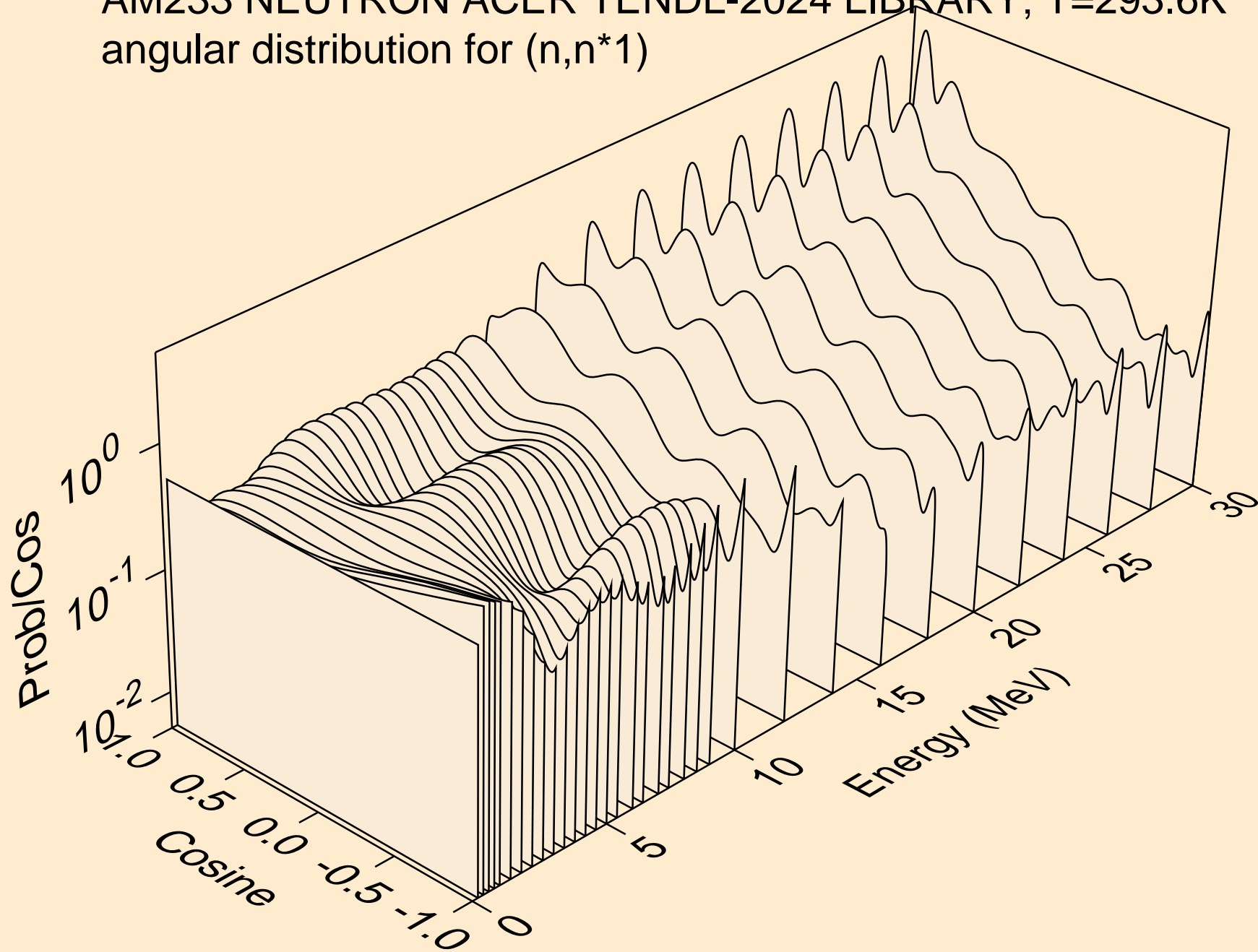
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angular distribution for elastic



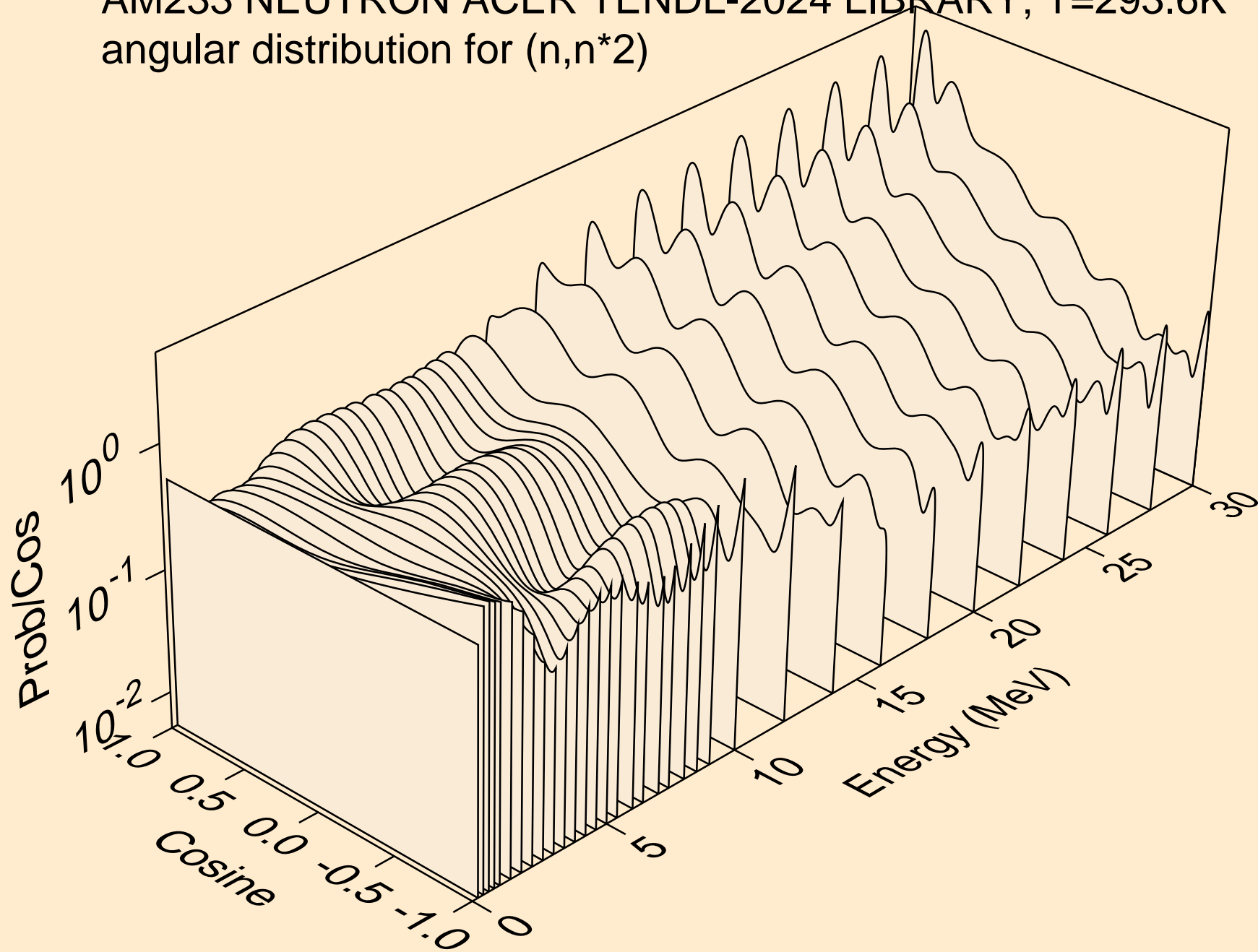
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angular distribution for elastic



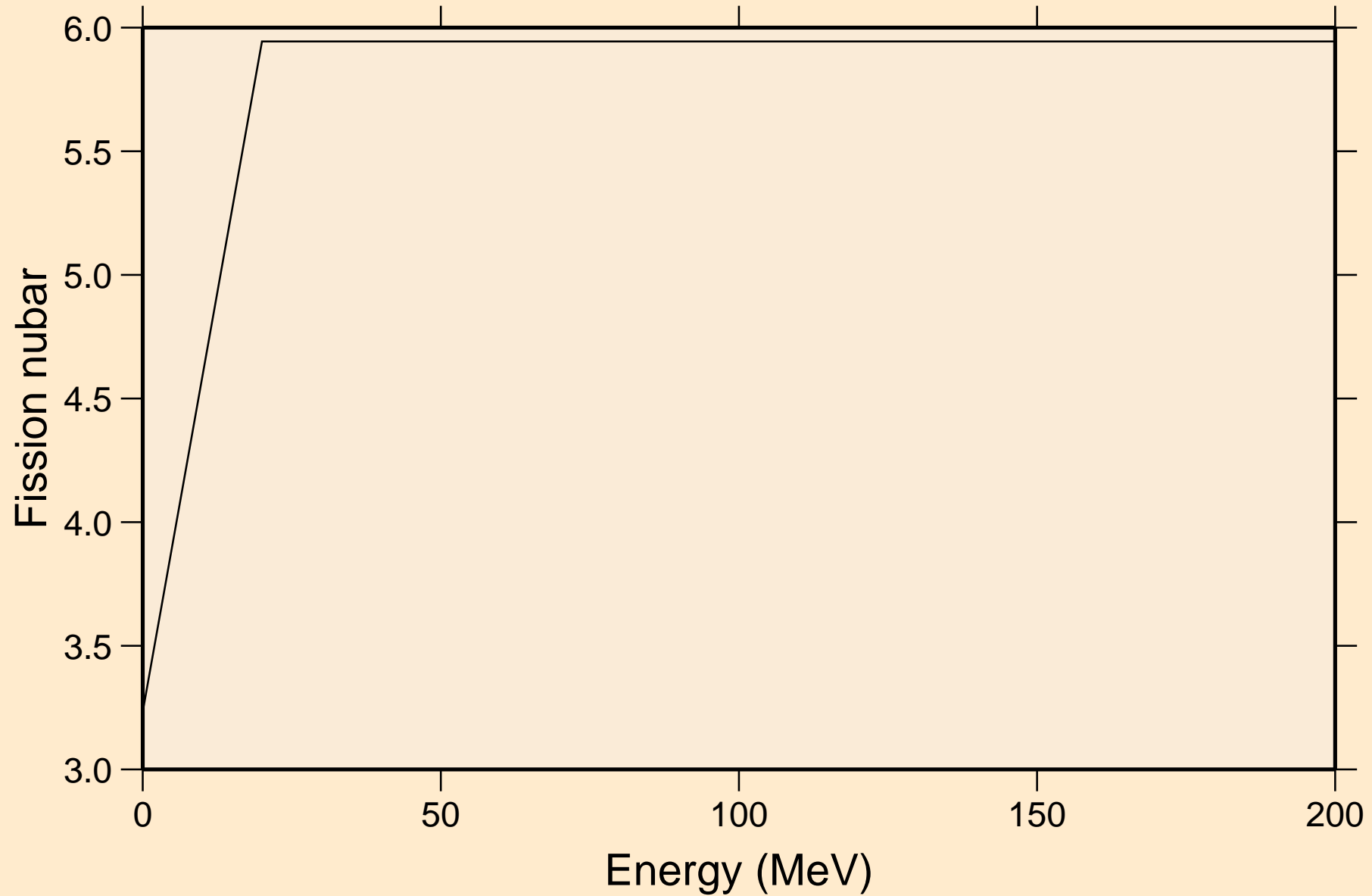
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angular distribution for (n,n\*1)



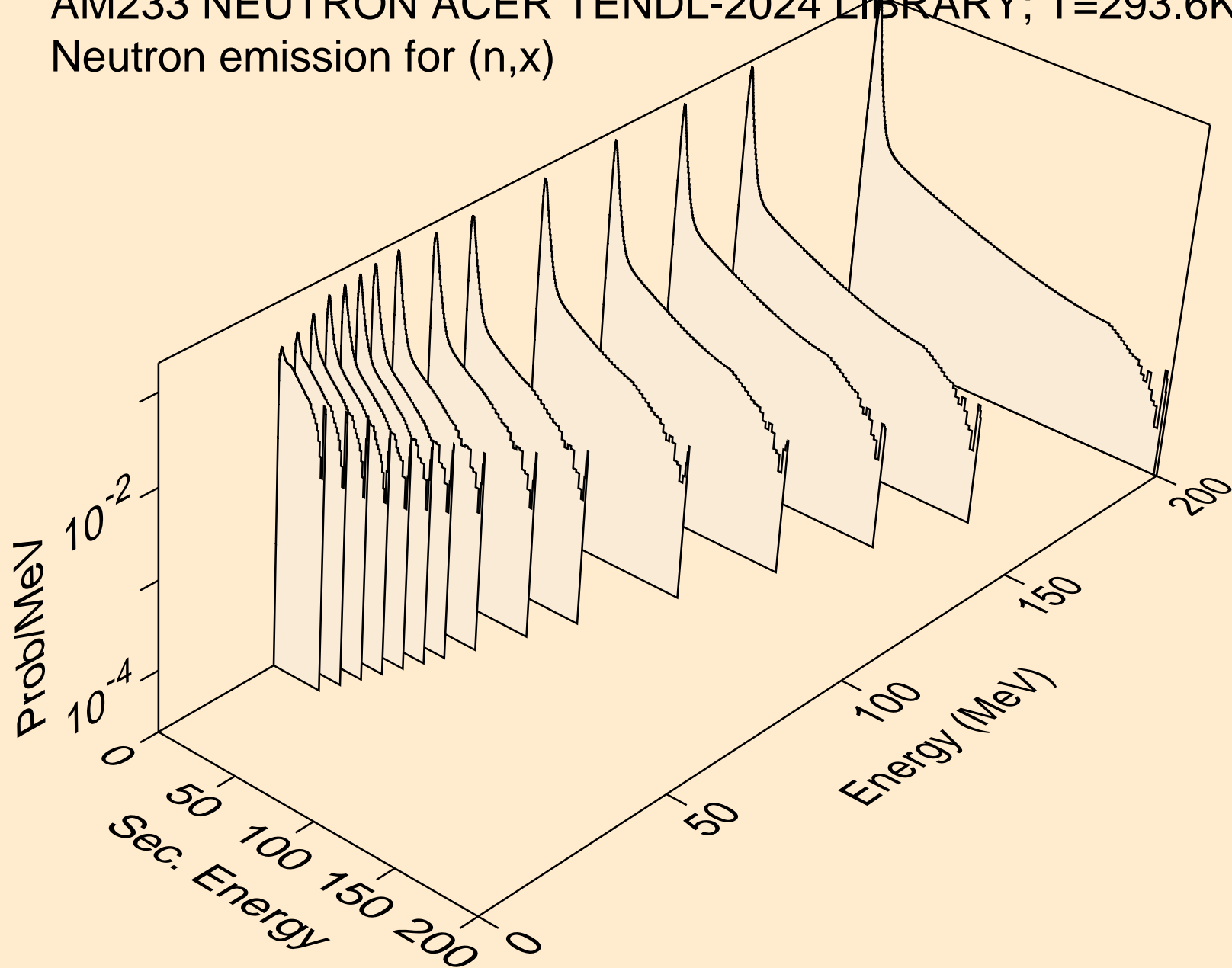
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angular distribution for (n,n\*2)



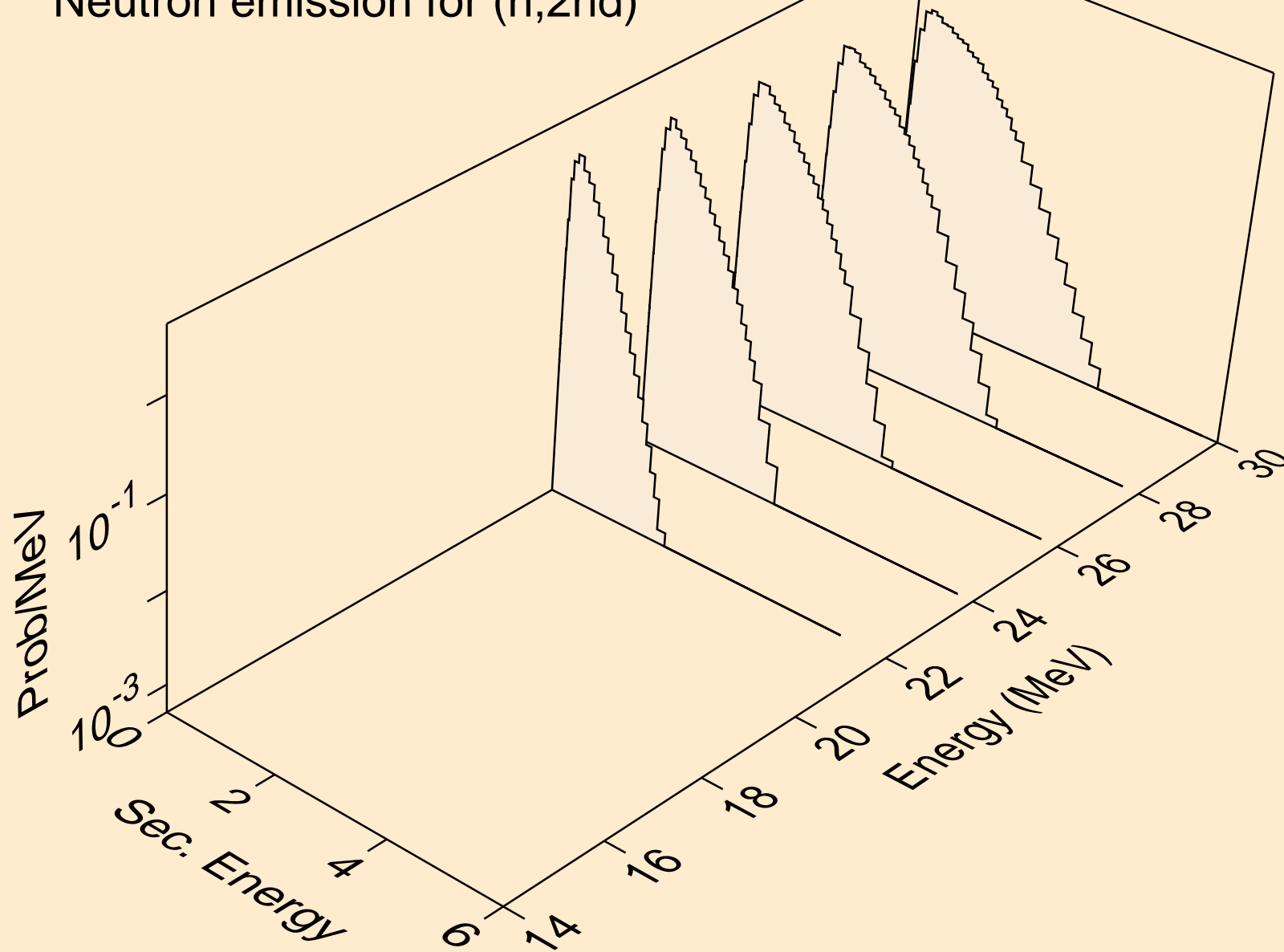
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Total fission nubar



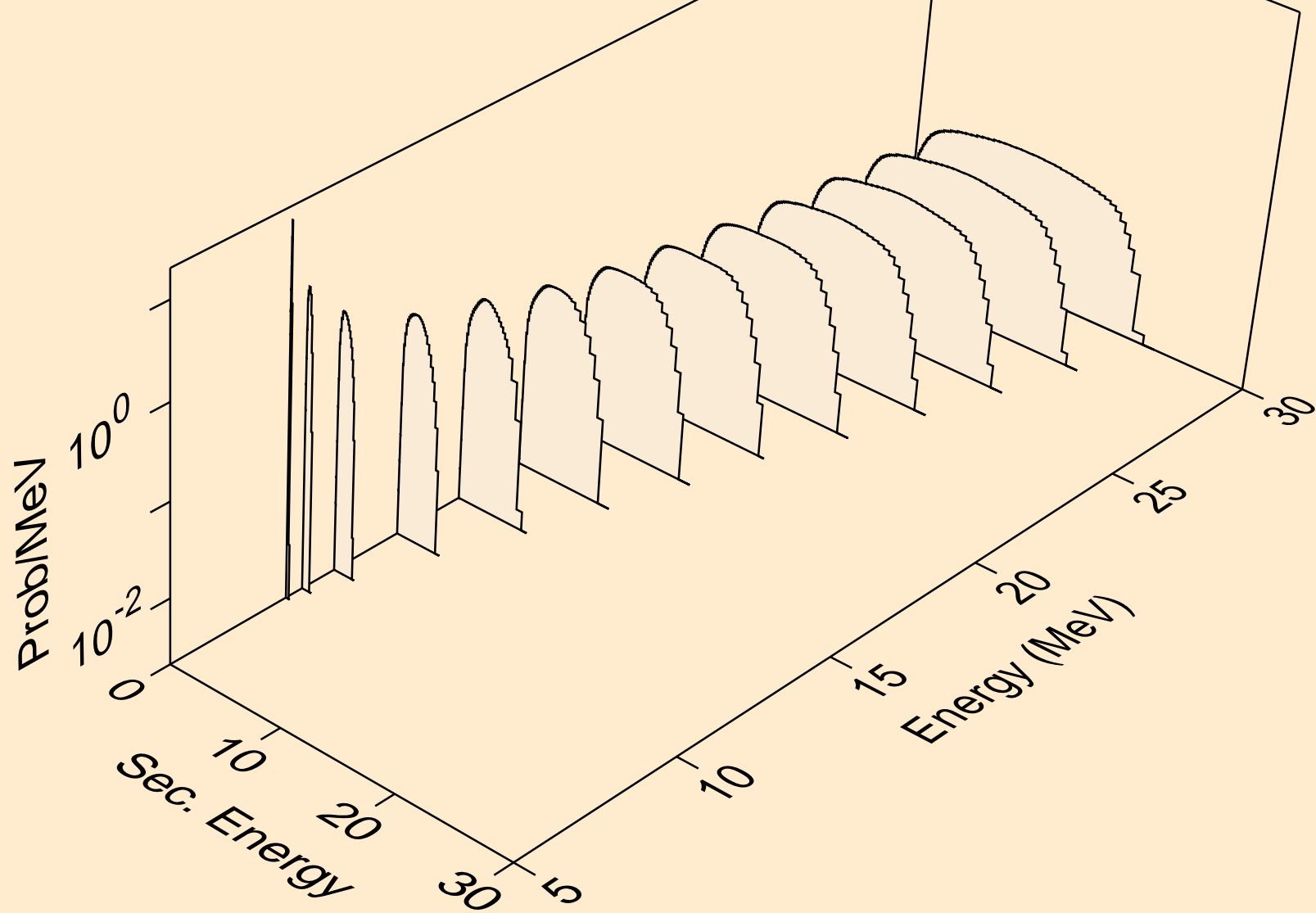
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Neutron emission for (n,x)



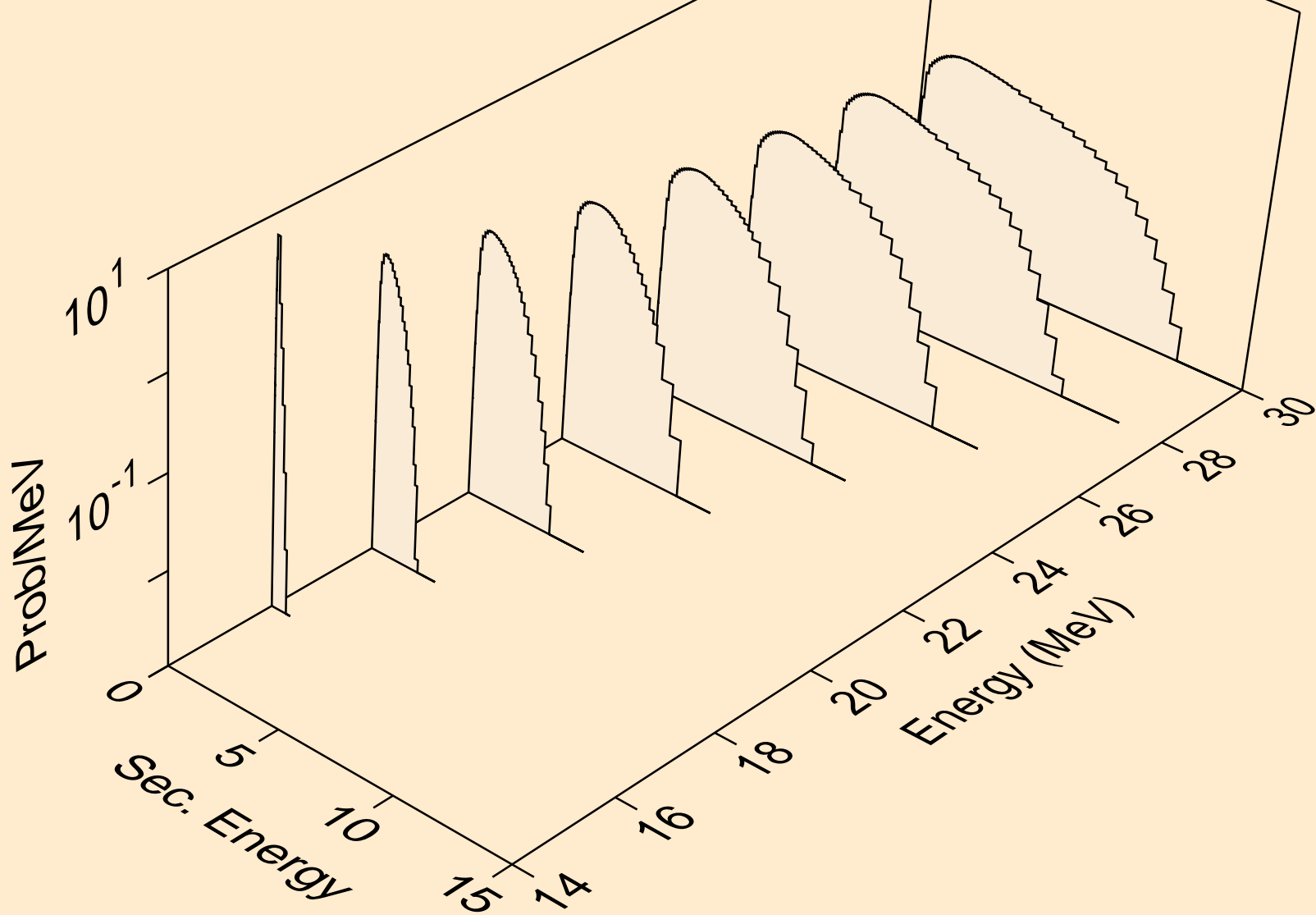
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Neutron emission for (n,2nd)



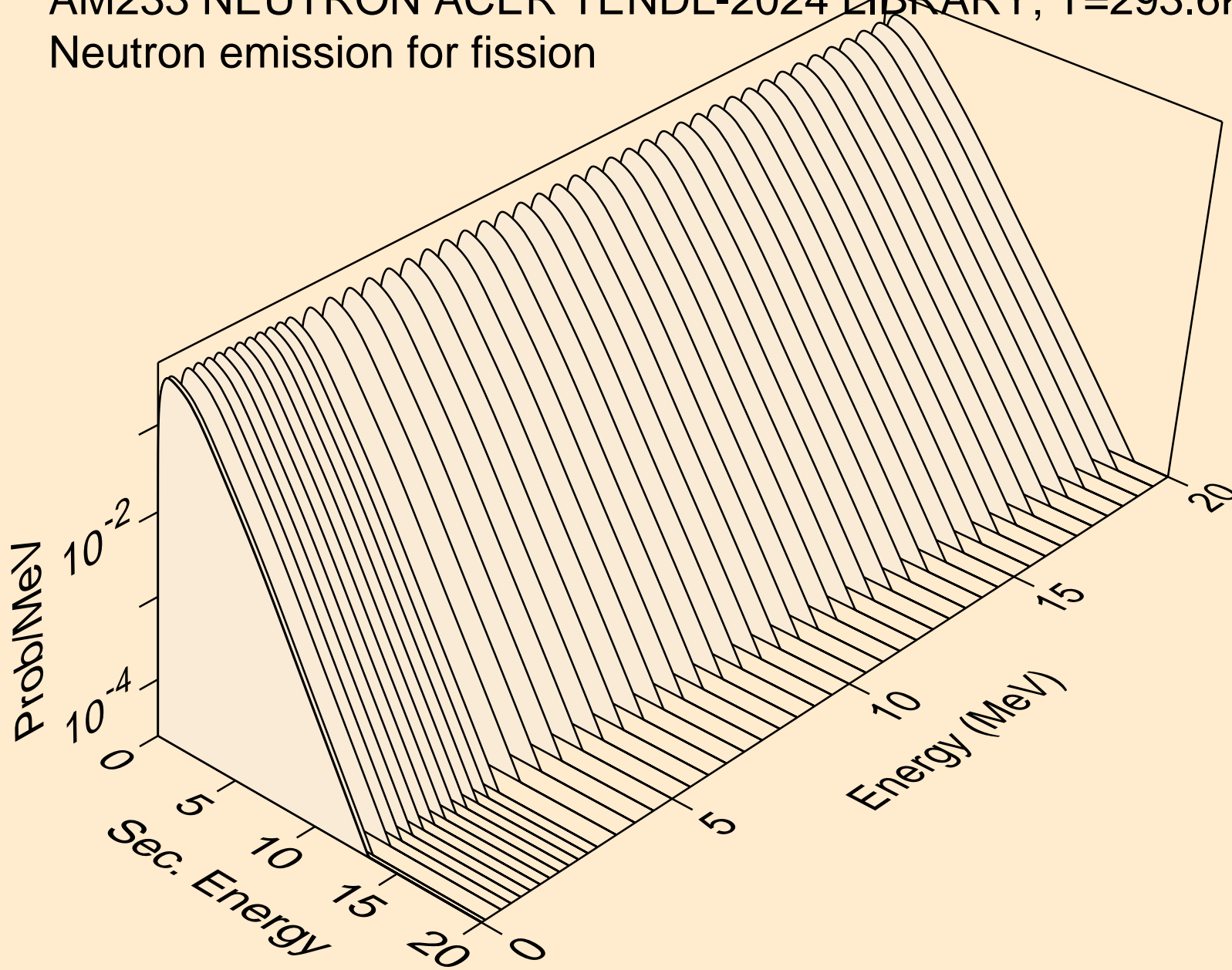
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Neutron emission for (n,2n)



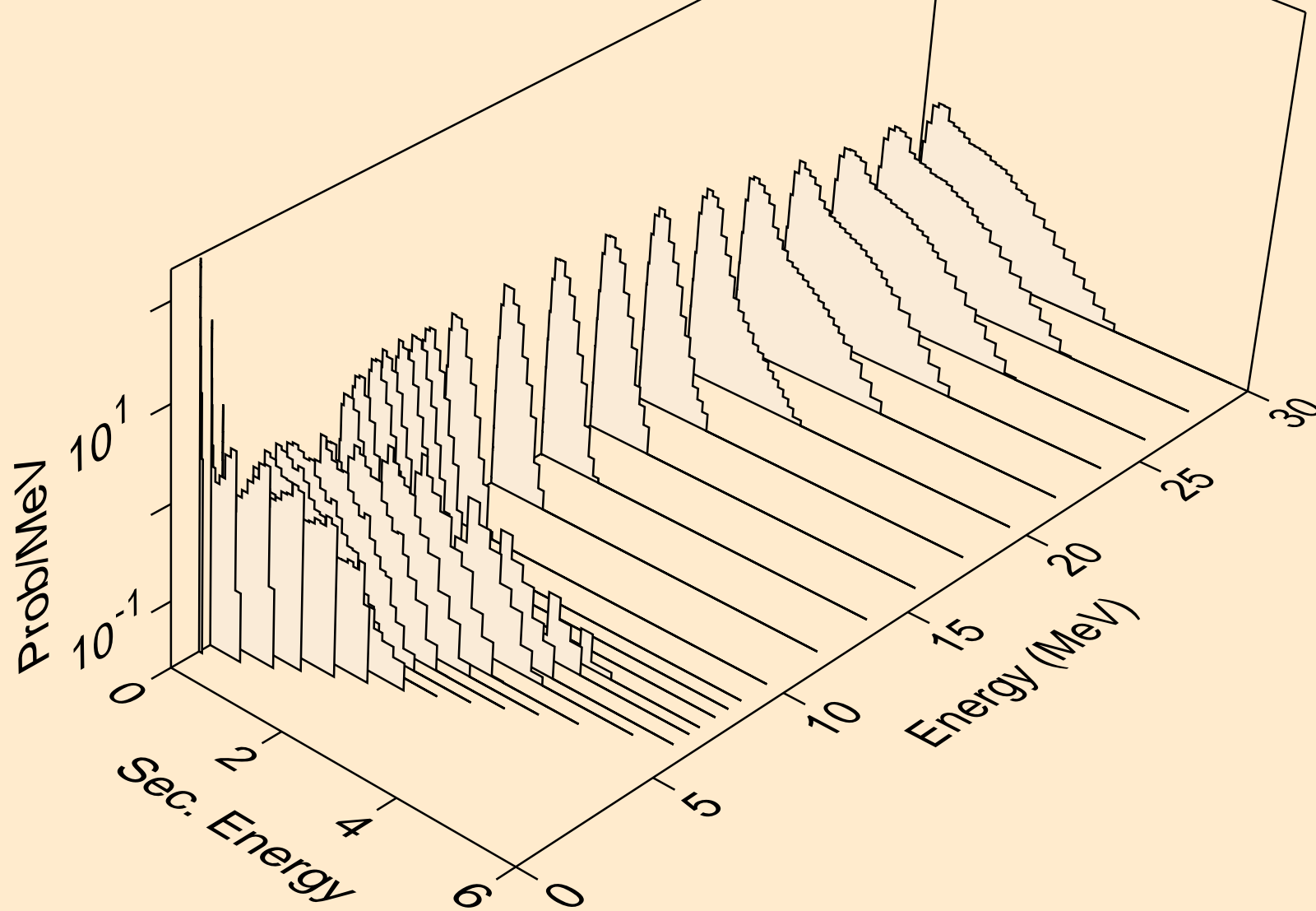
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Neutron emission for (n,3n)



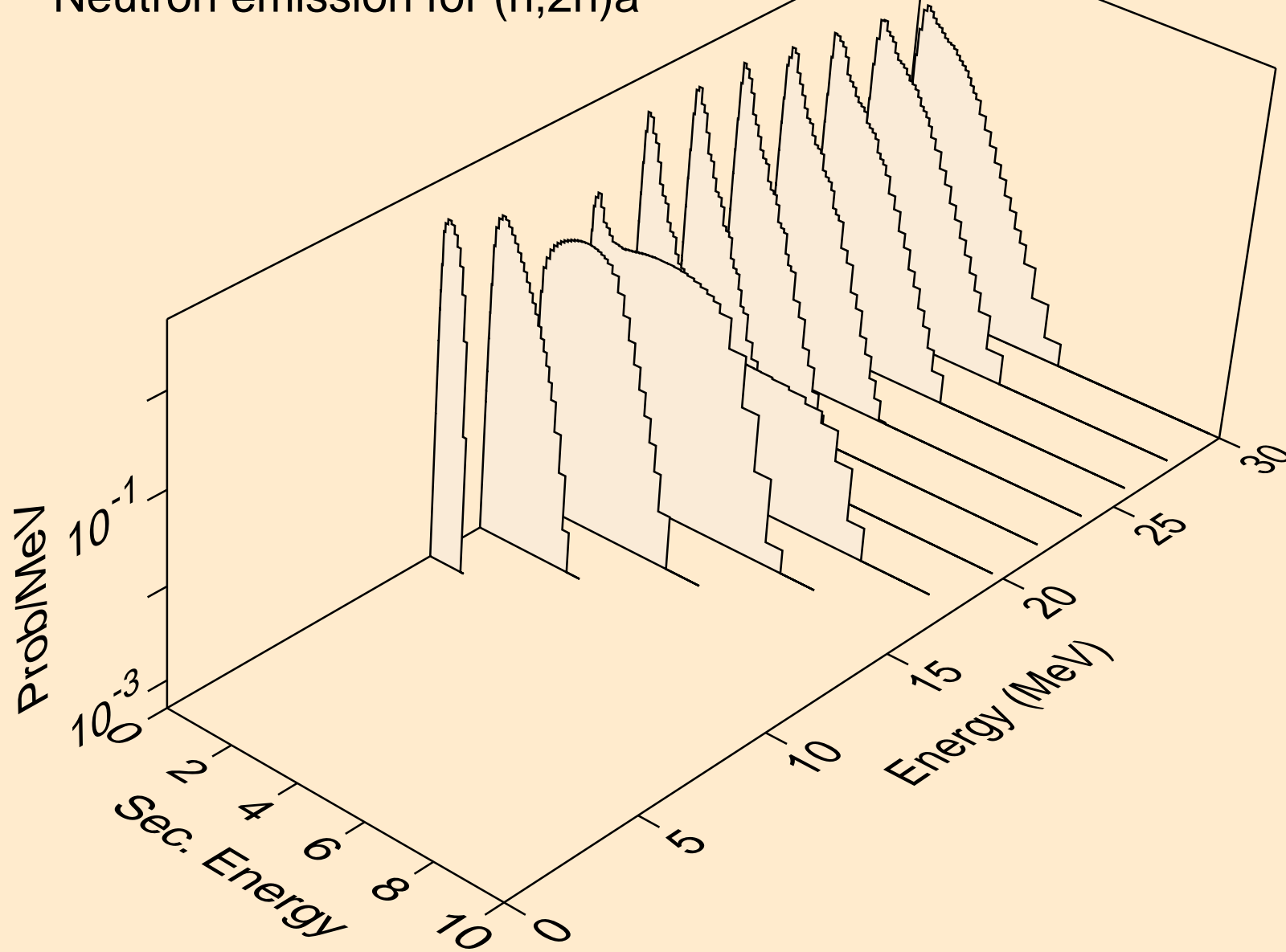
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Neutron emission for fission



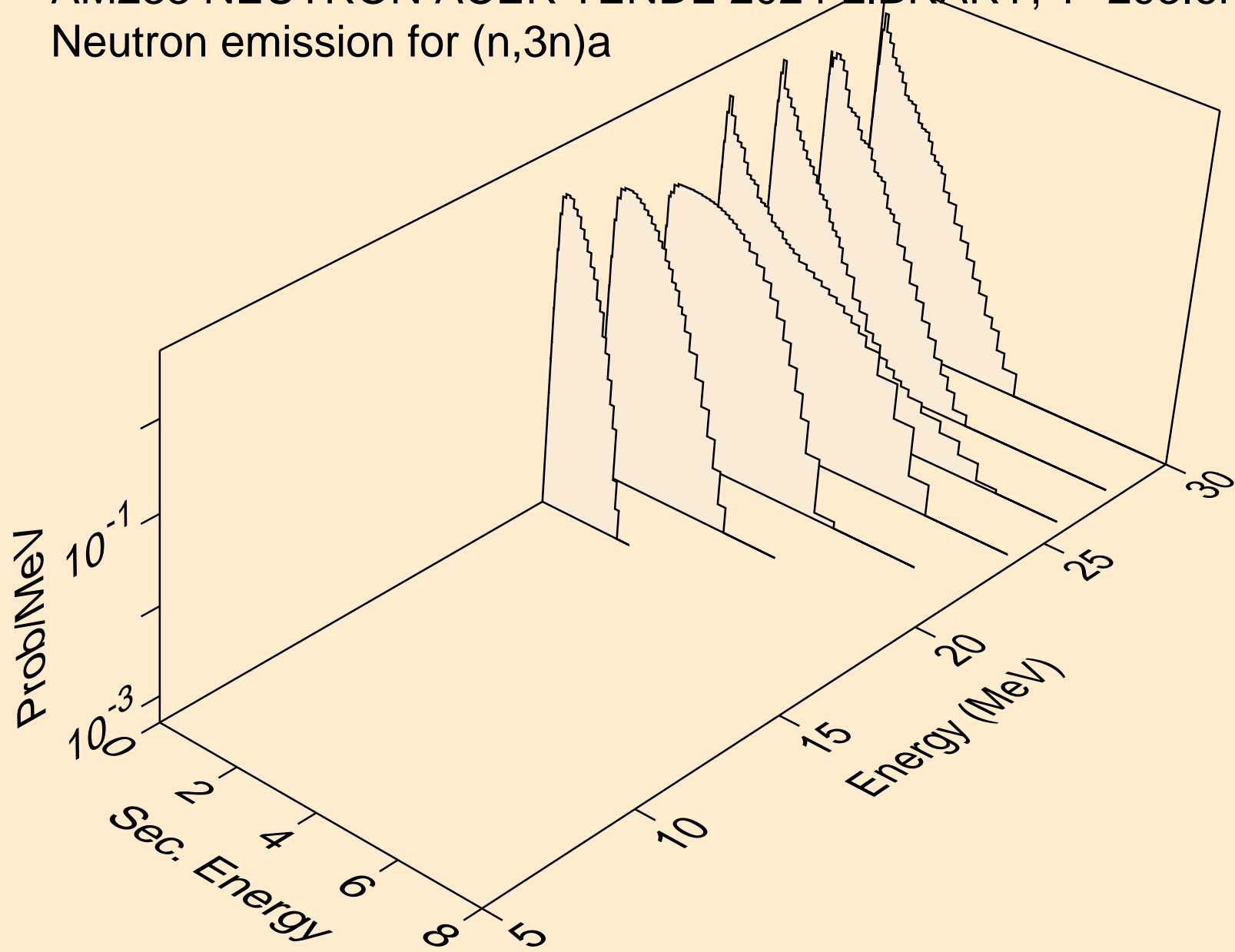
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Neutron emission for (n,n\*)a



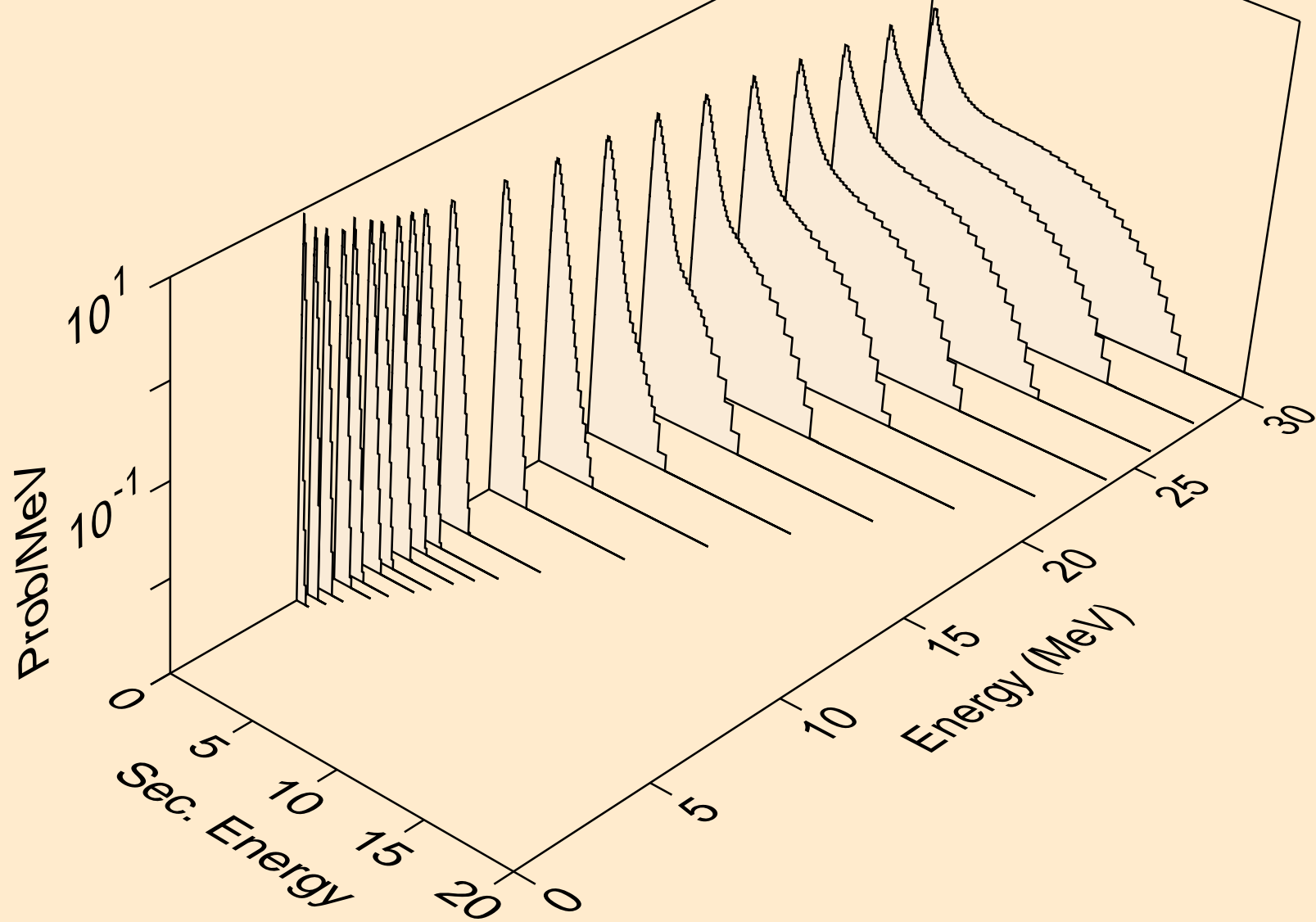
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Neutron emission for (n,2n)a



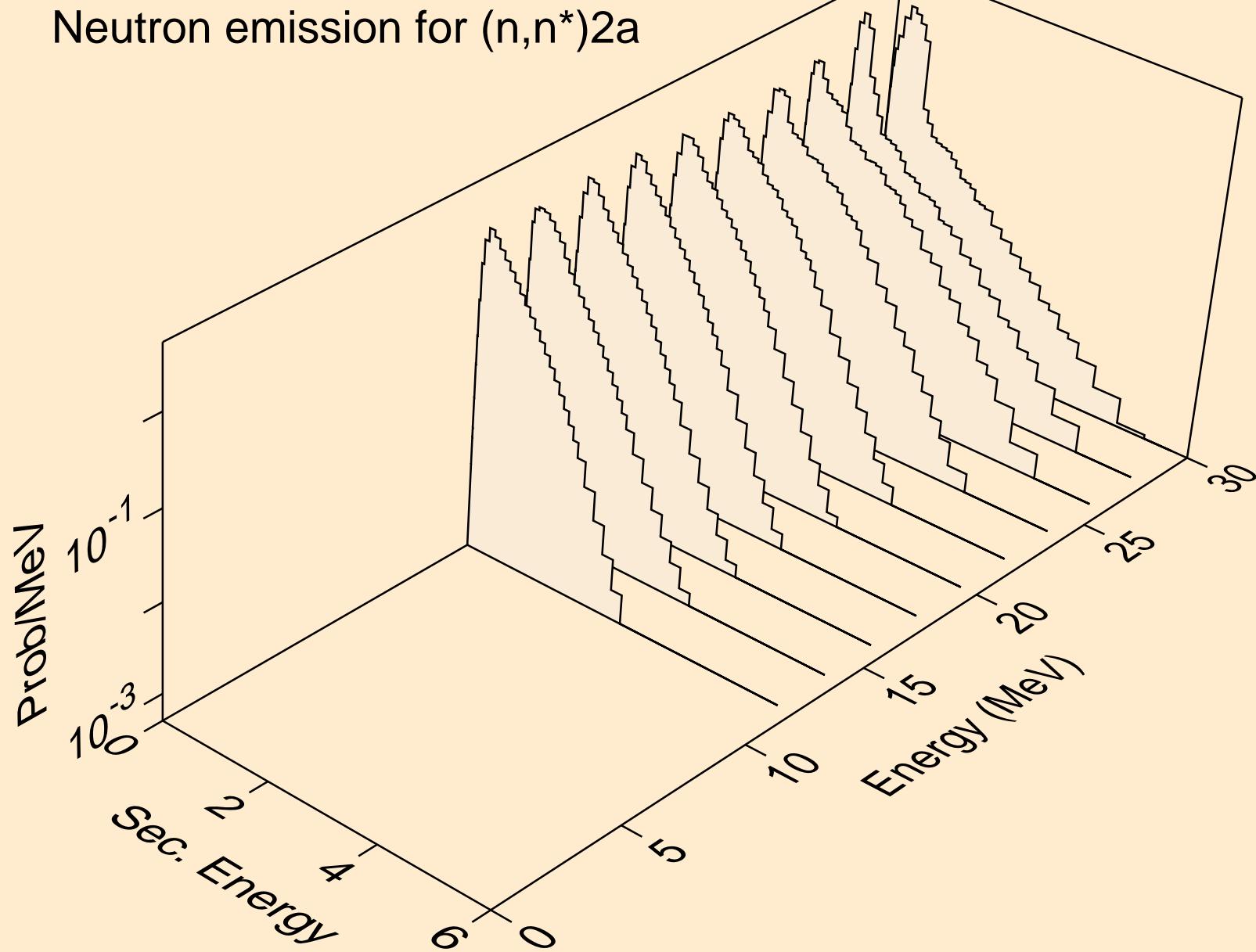
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Neutron emission for (n,3n)a



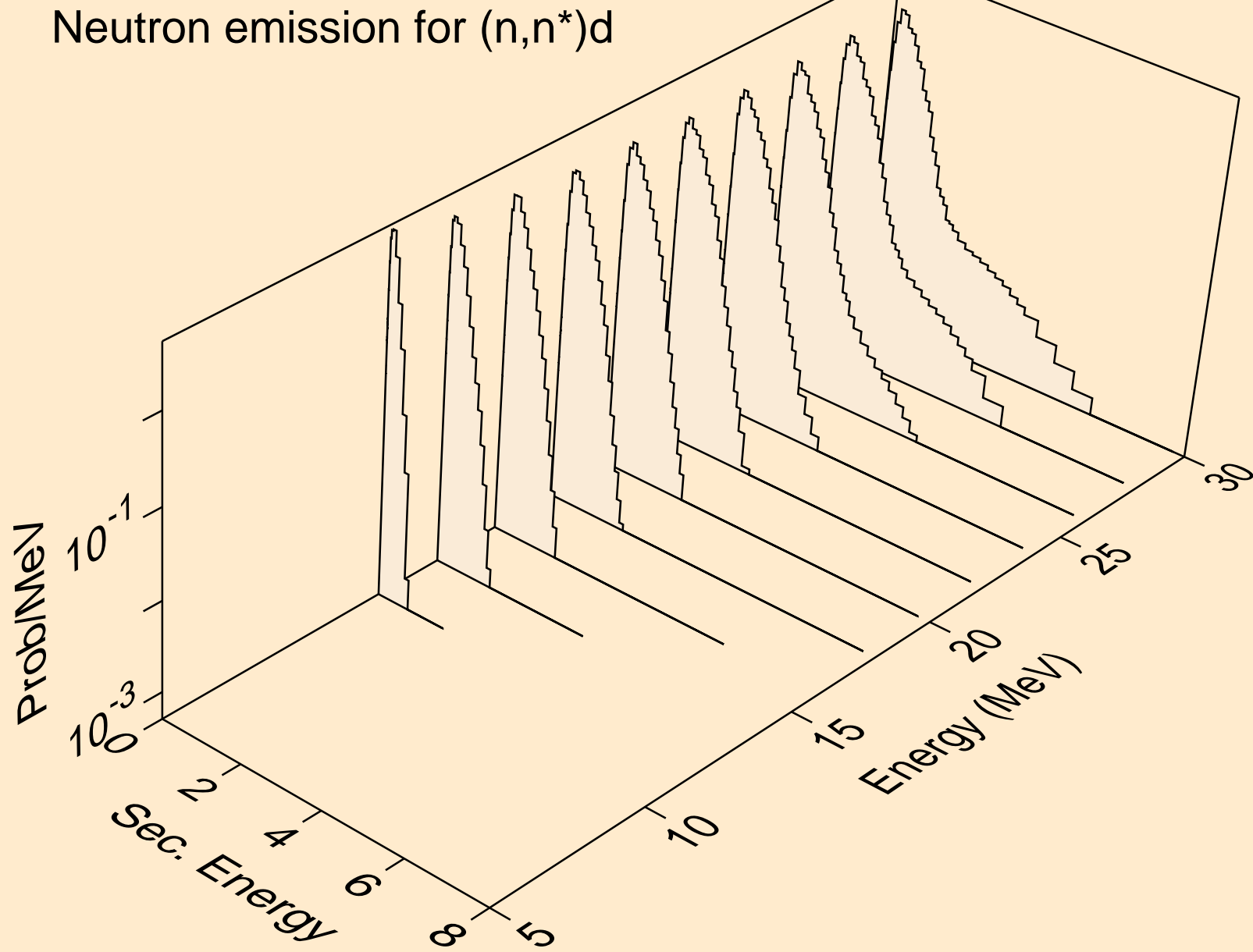
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Neutron emission for (n,n\*)p



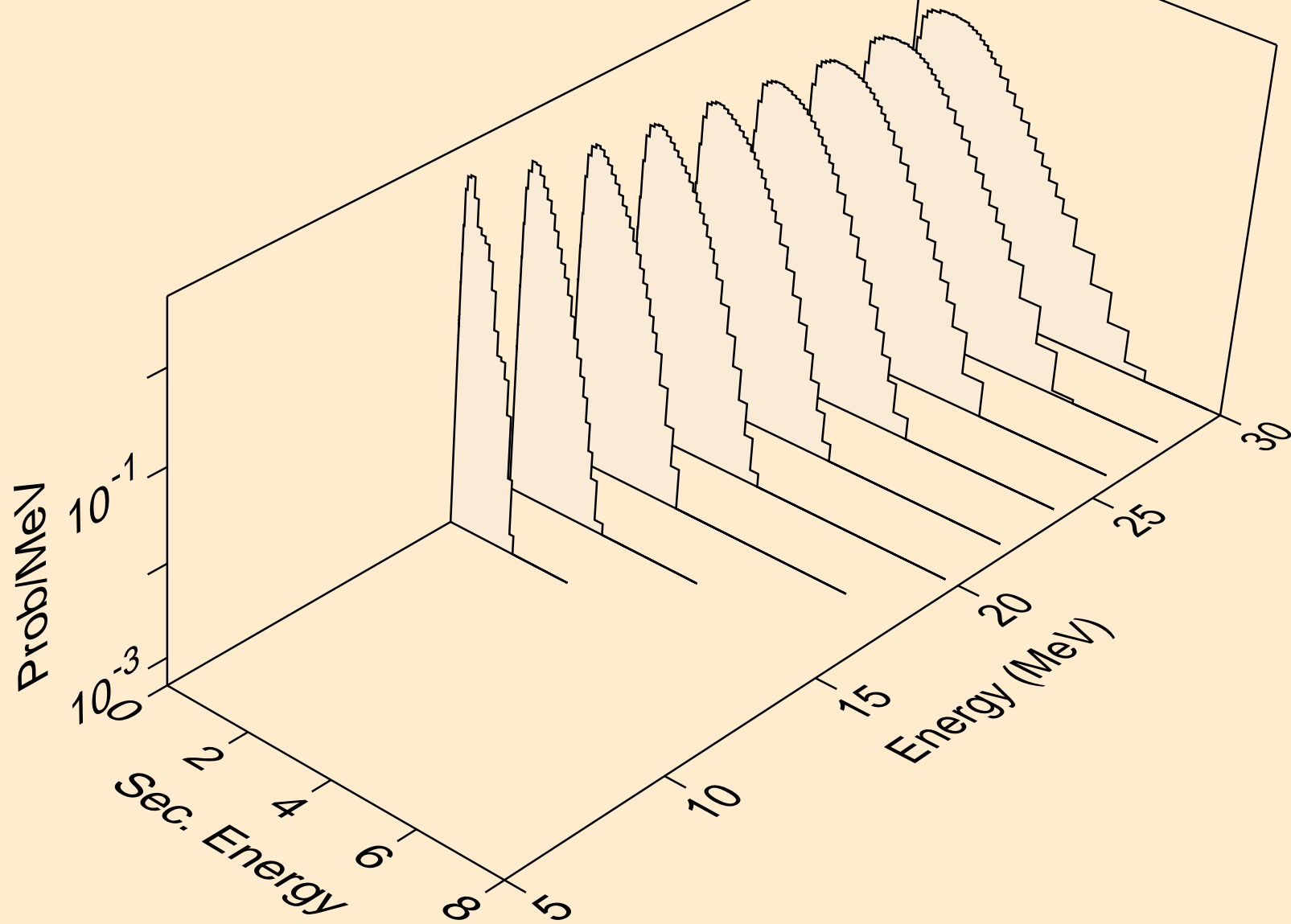
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Neutron emission for (n,n\*)2a



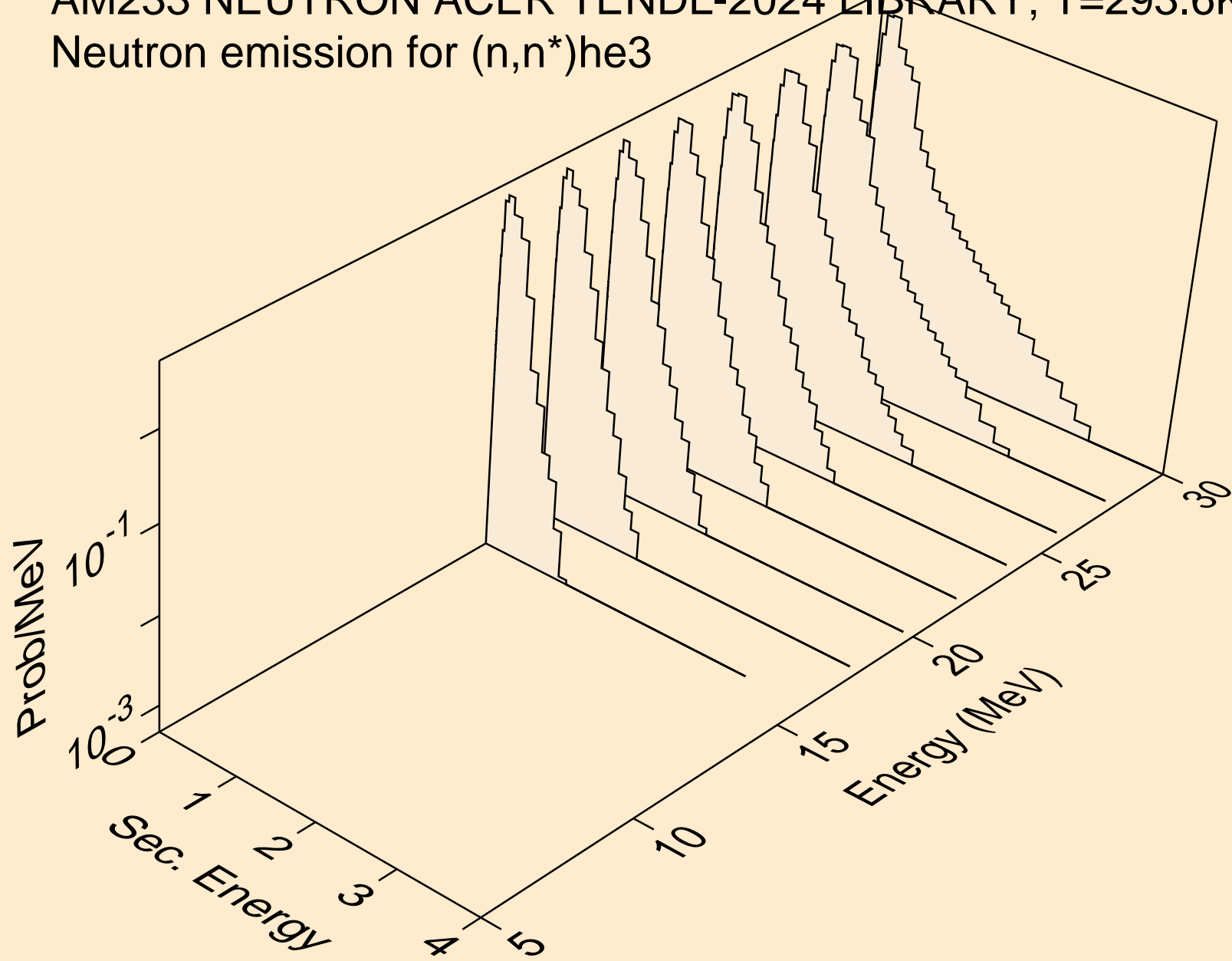
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Neutron emission for (n,n\*)d



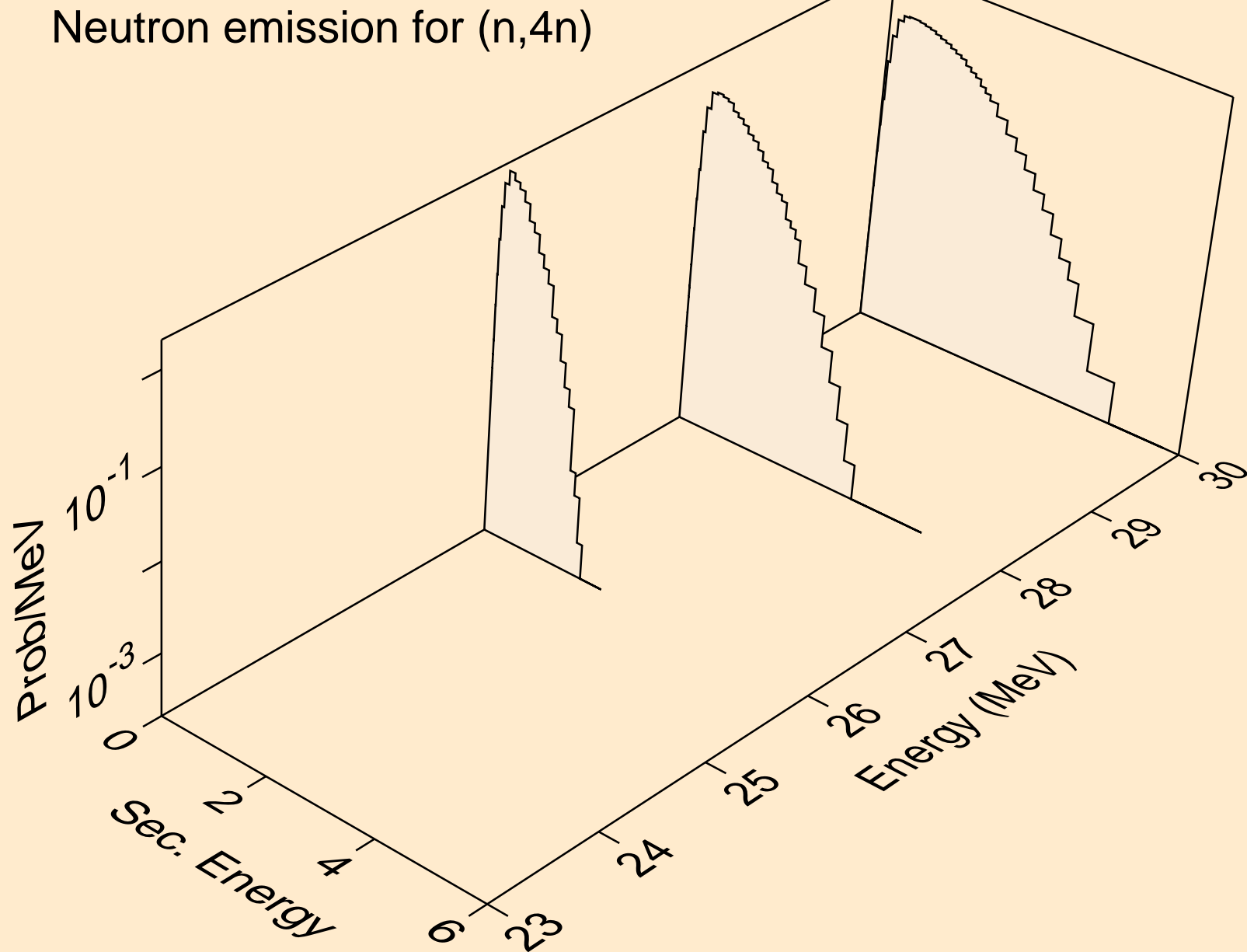
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Neutron emission for (n,n\*)t



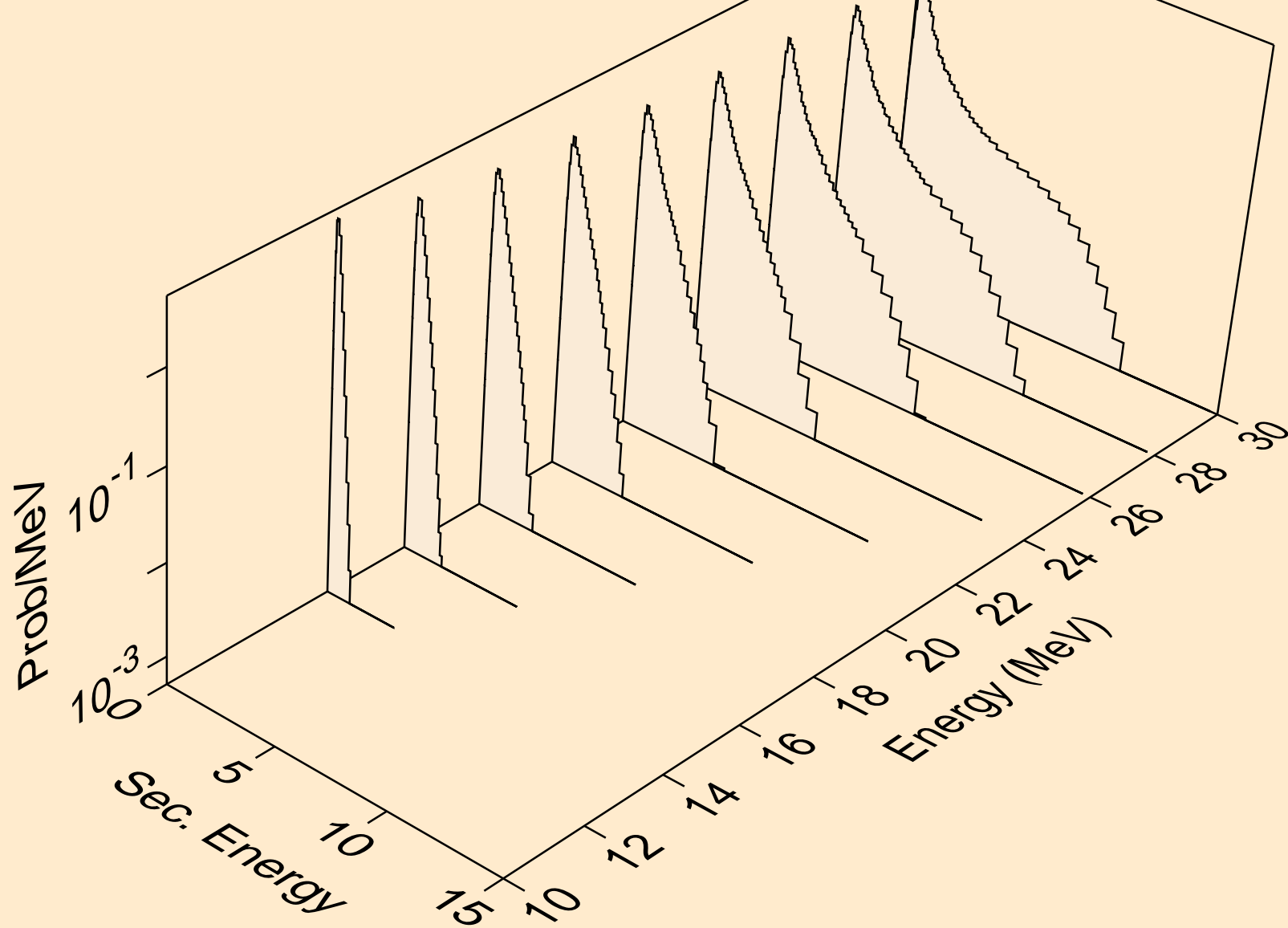
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Neutron emission for (n,n\*)he3



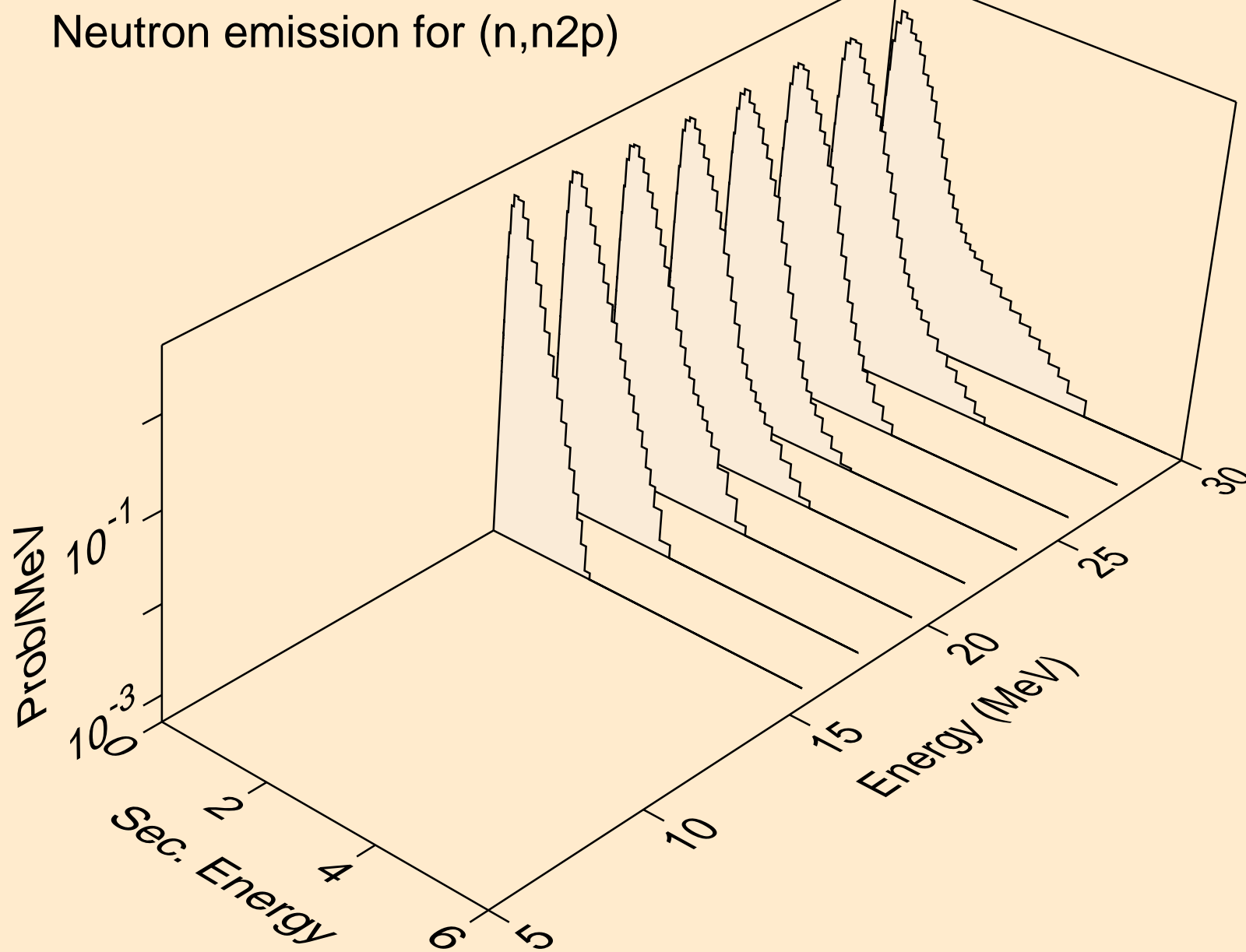
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Neutron emission for (n,4n)



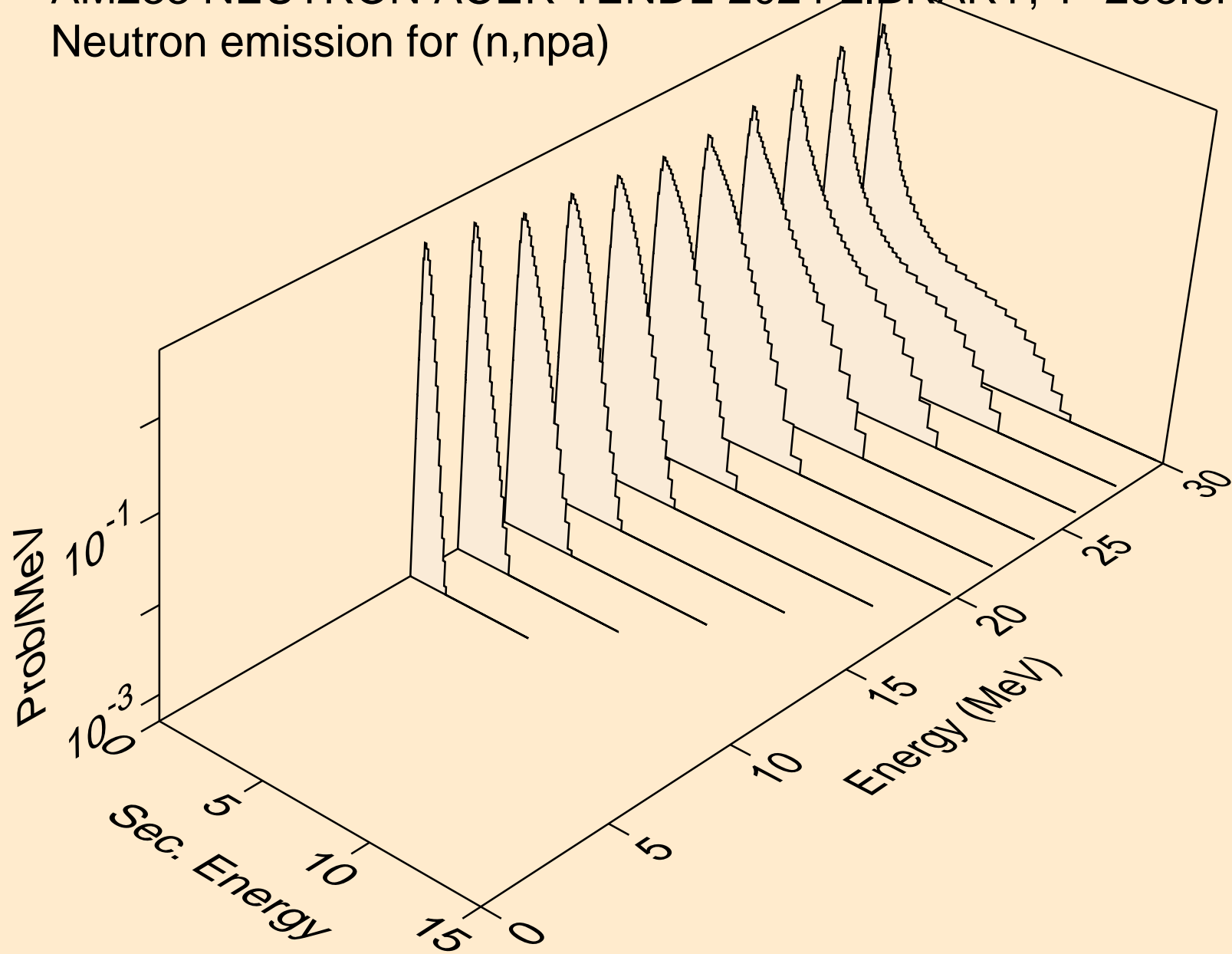
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Neutron emission for (n,2np)



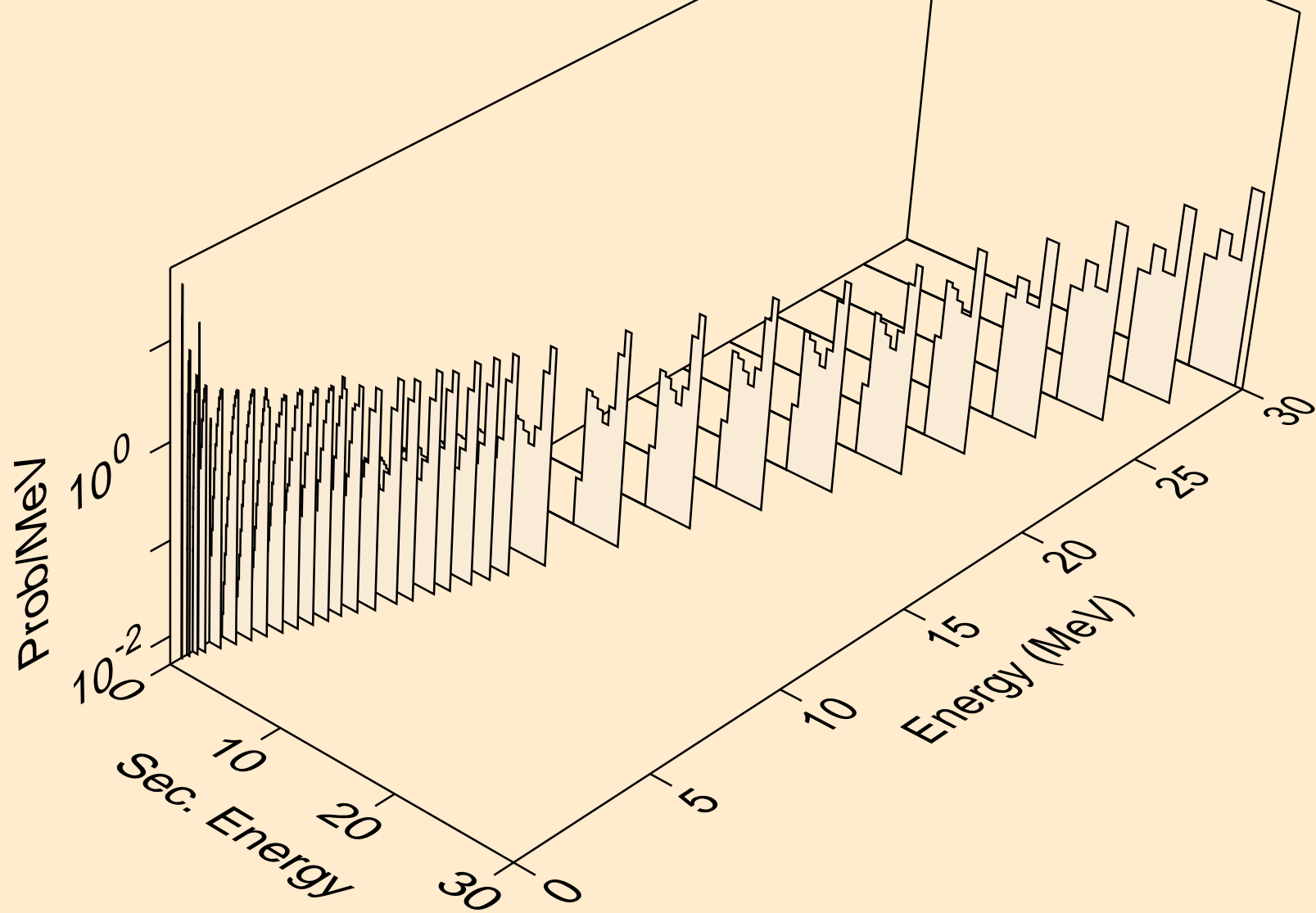
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

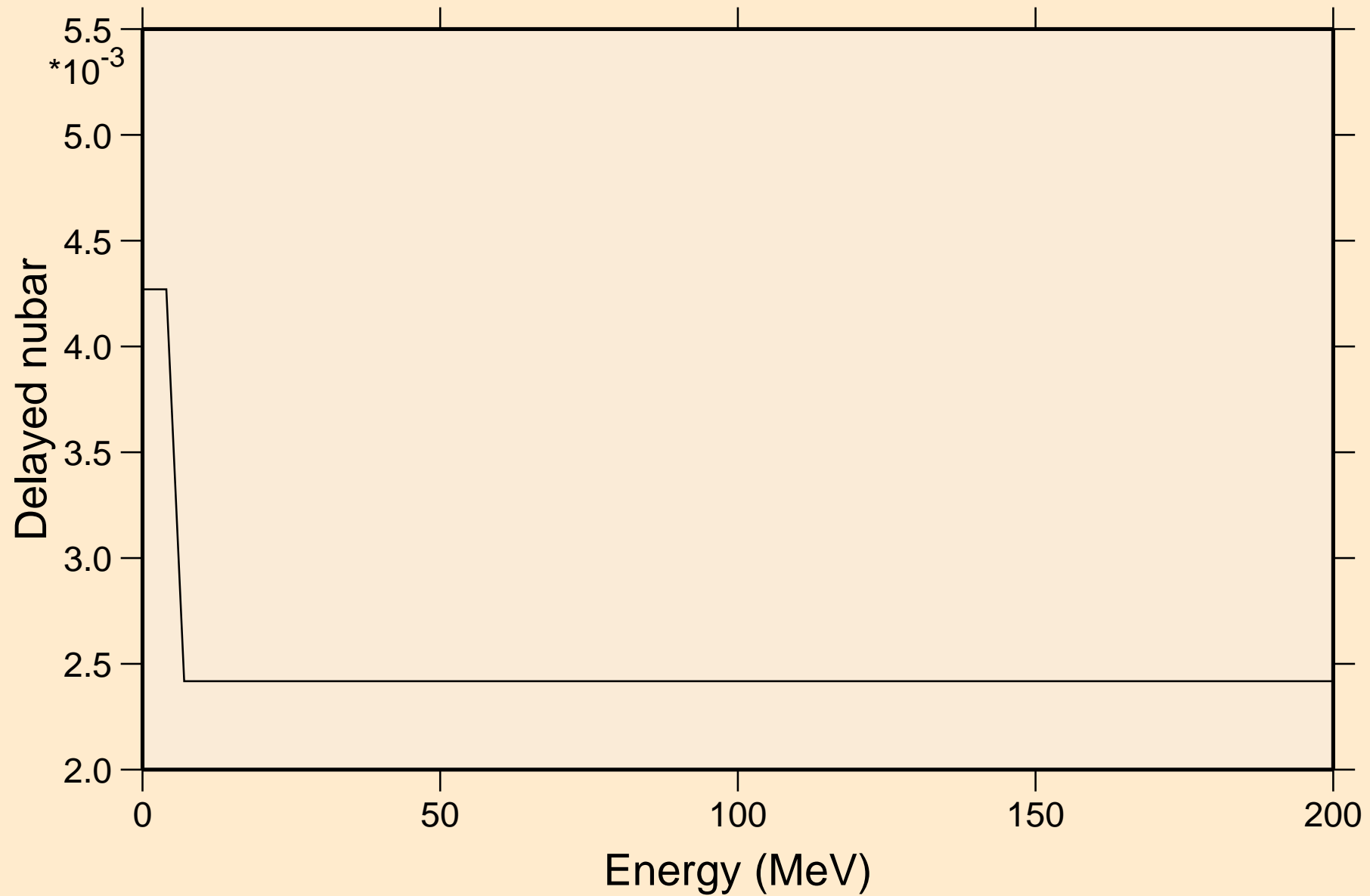


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Neutron emission for (n,n\*c)



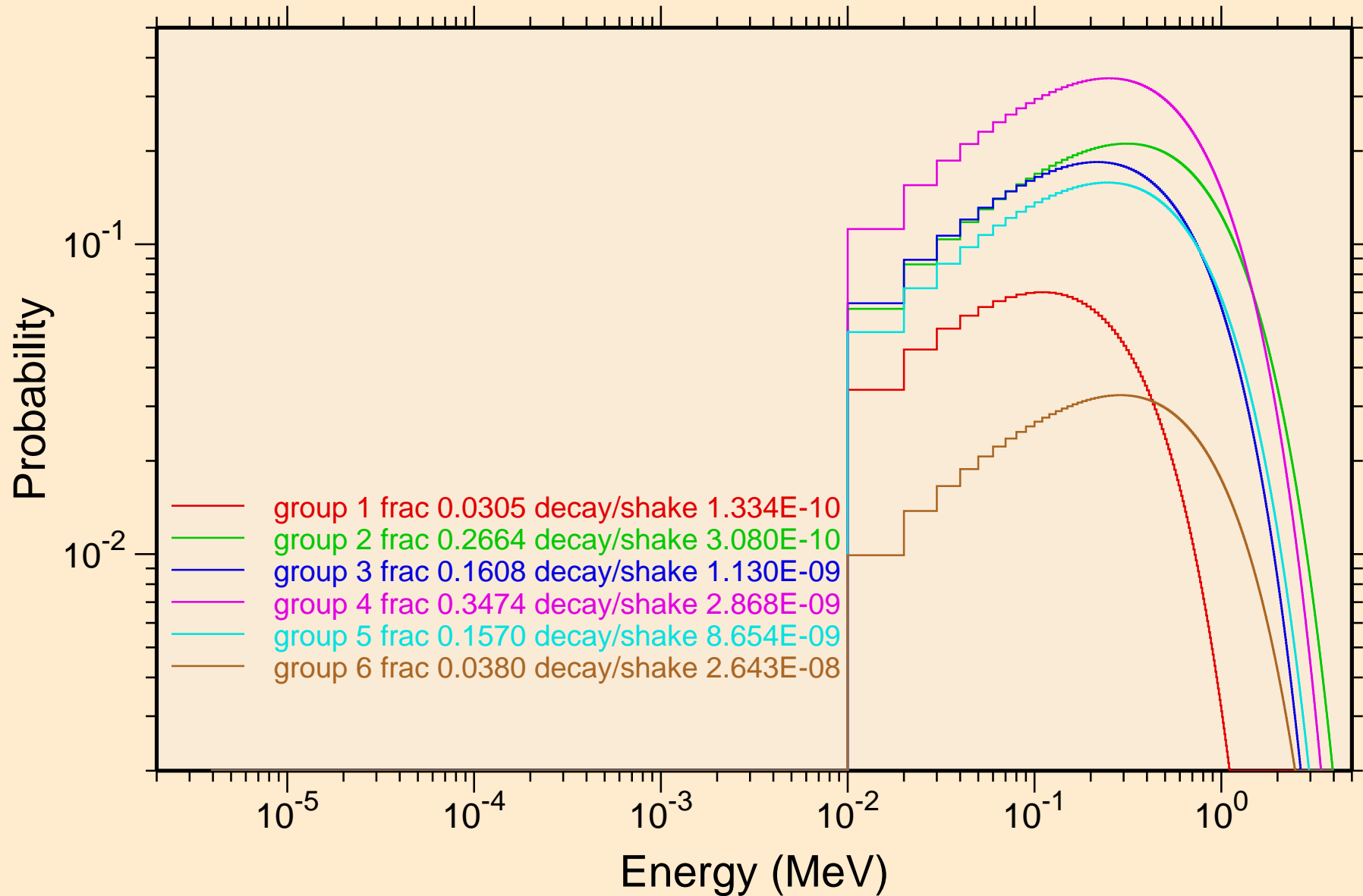
# AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Delayed nubar

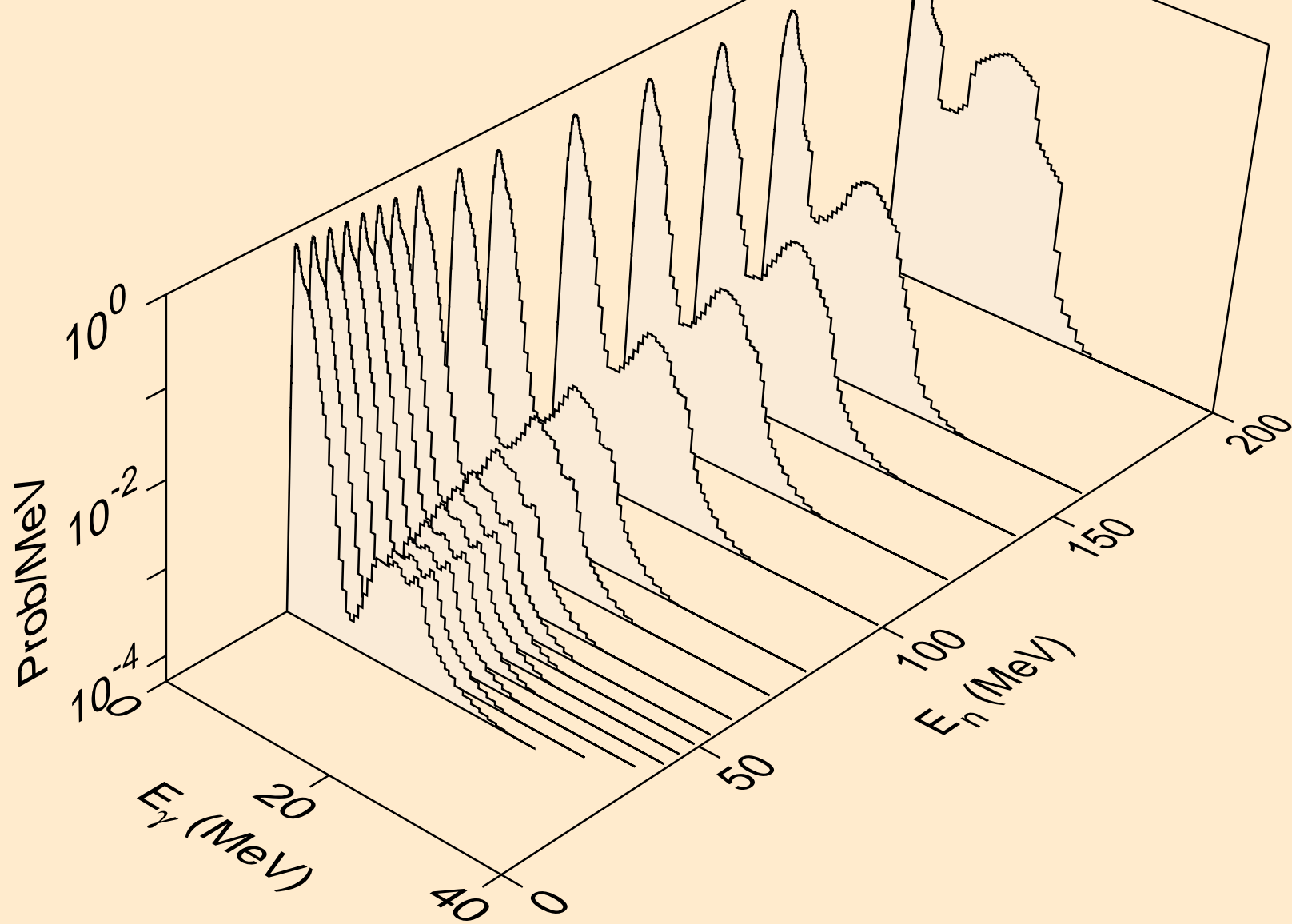


# AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

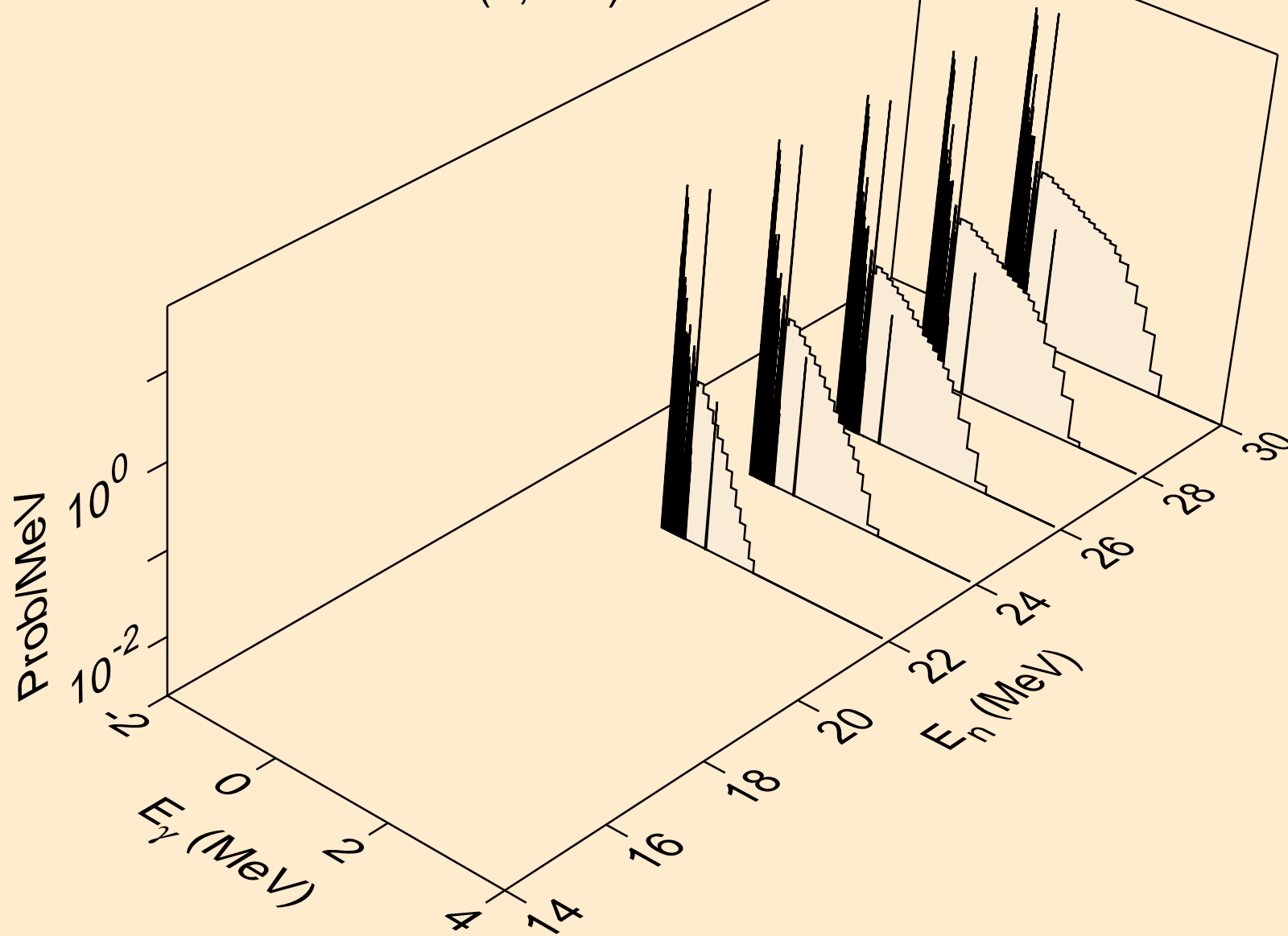
## Delayed neutron spectra



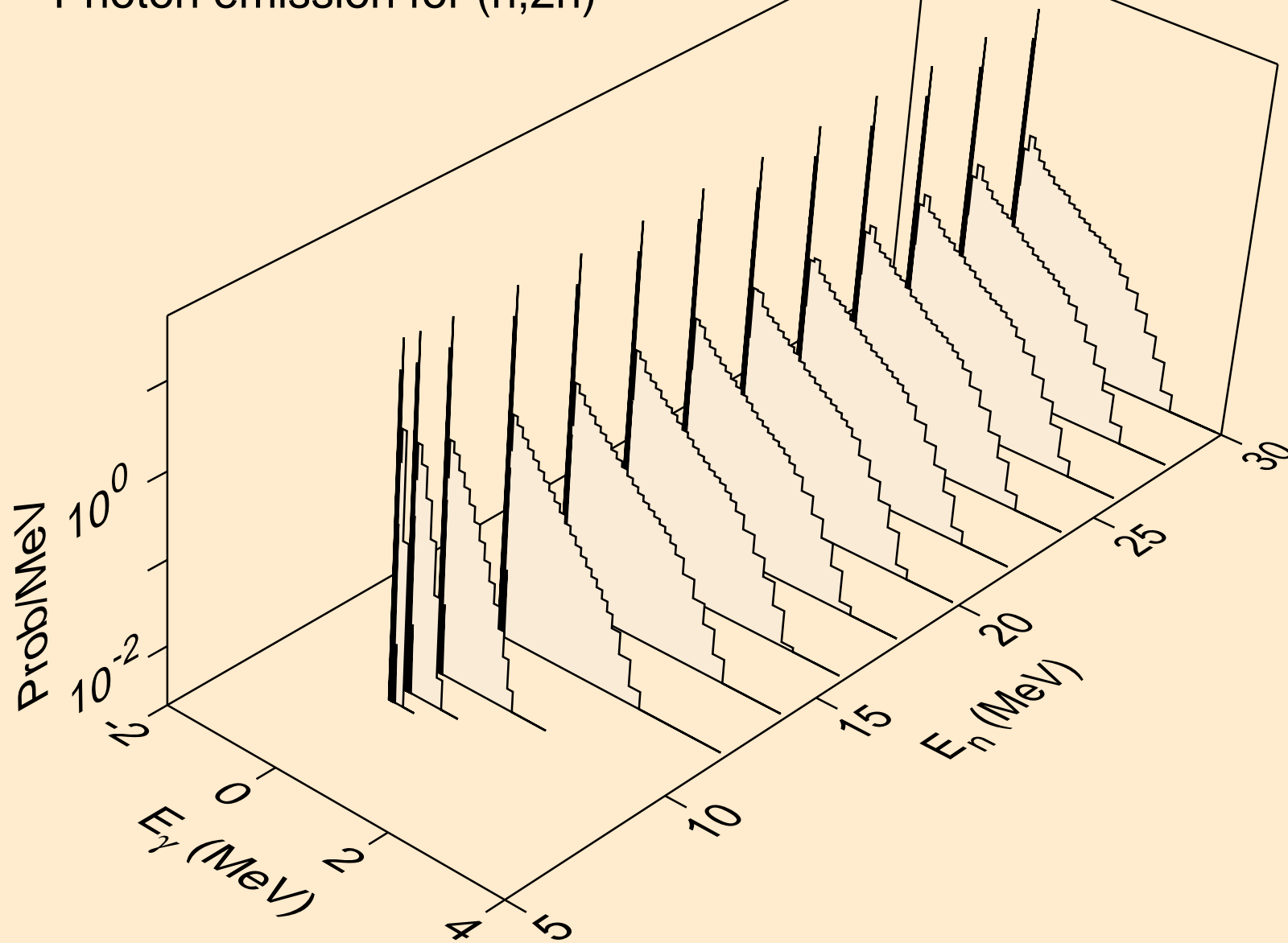
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Photon emission for (n,x)



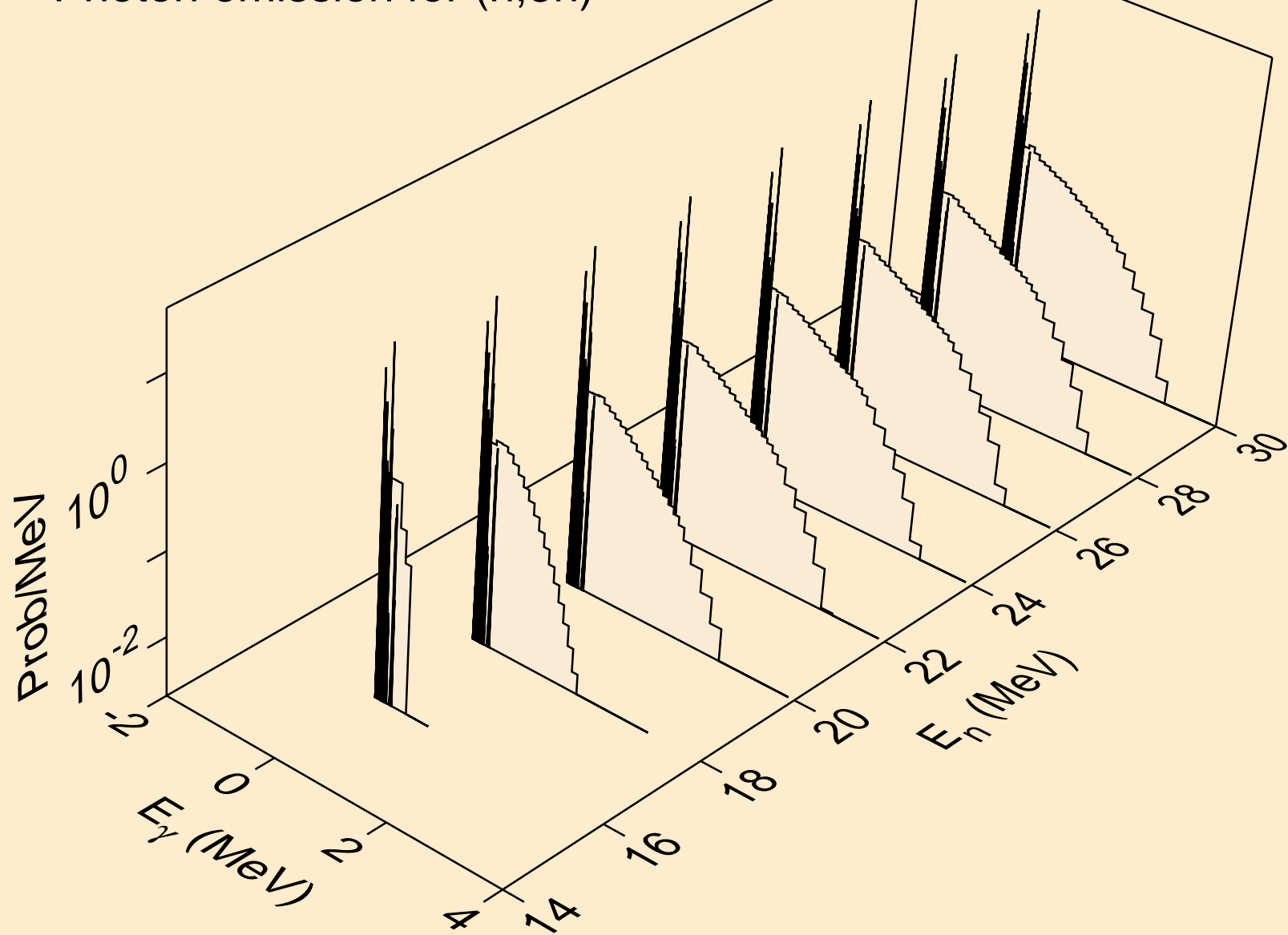
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Photon emission for (n,2nd)



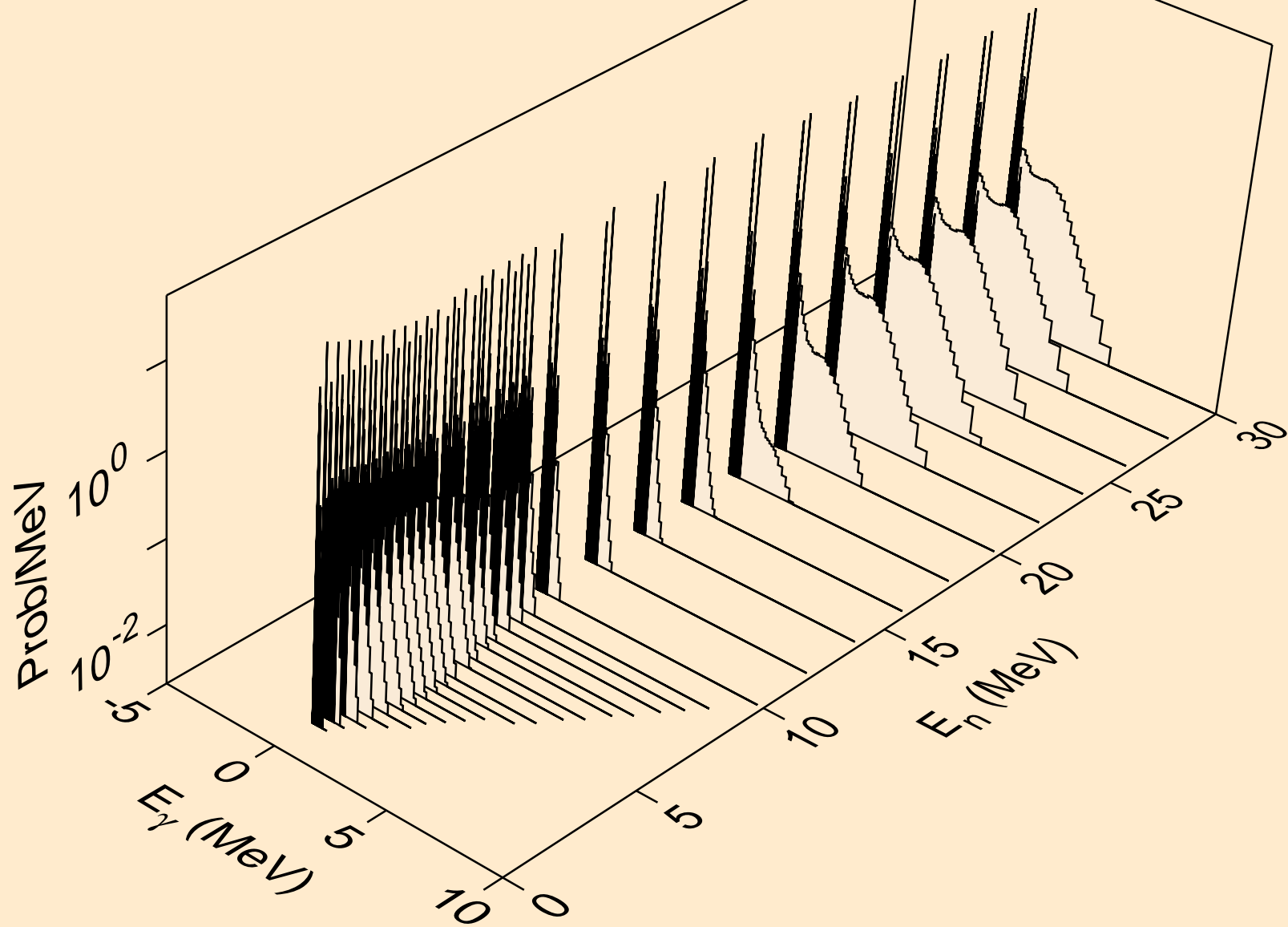
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Photon emission for (n,2n)



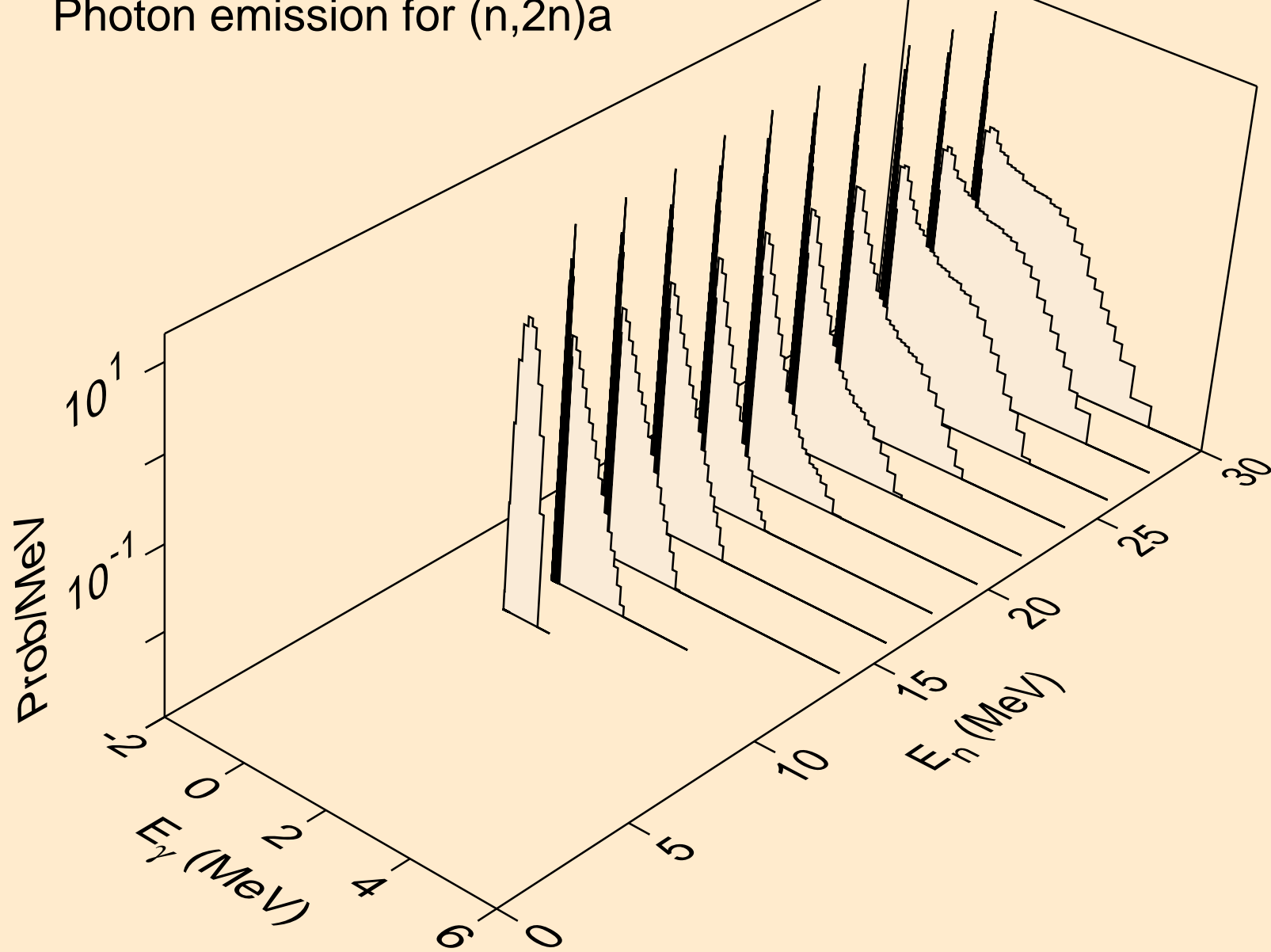
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Photon emission for (n,3n)



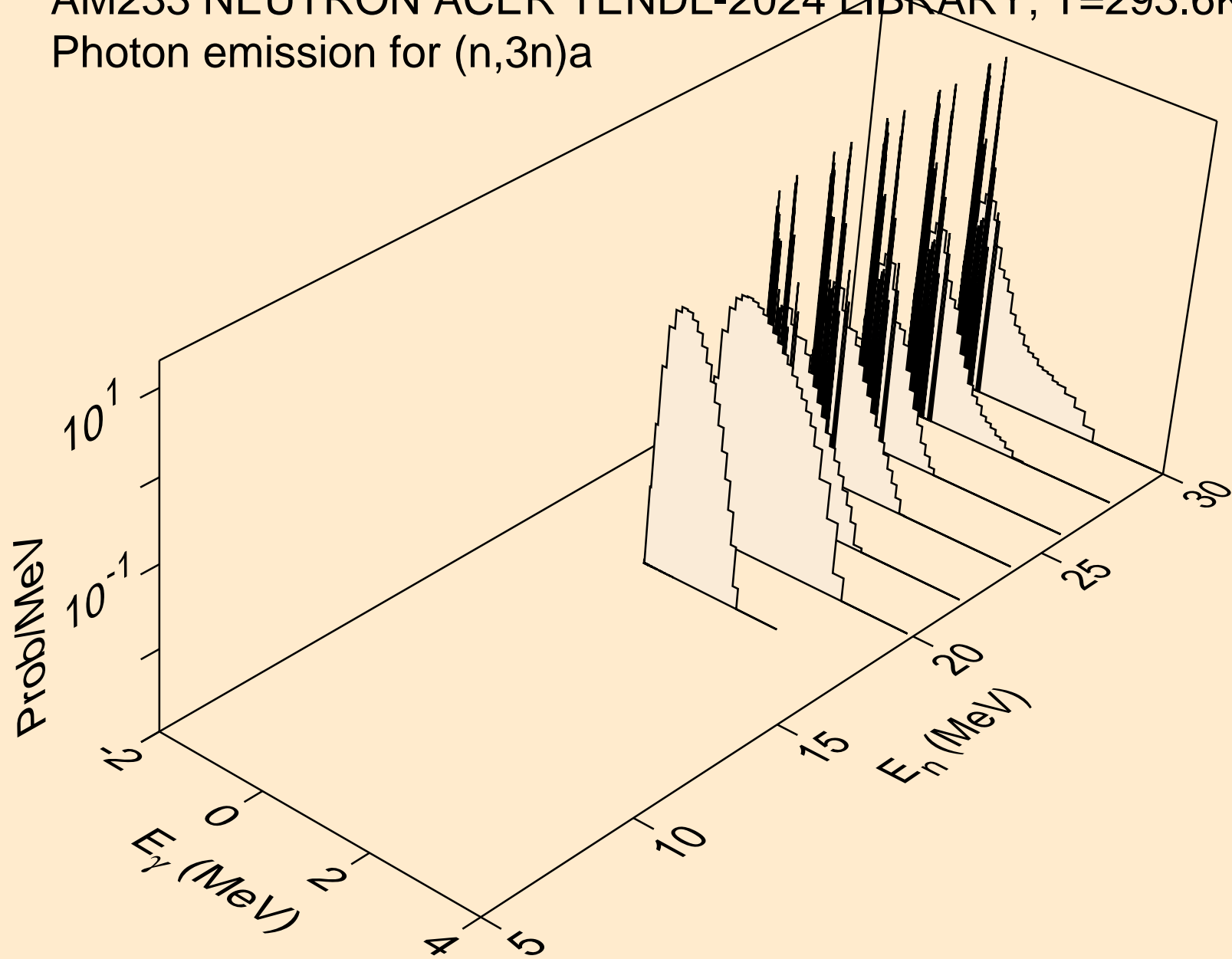
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



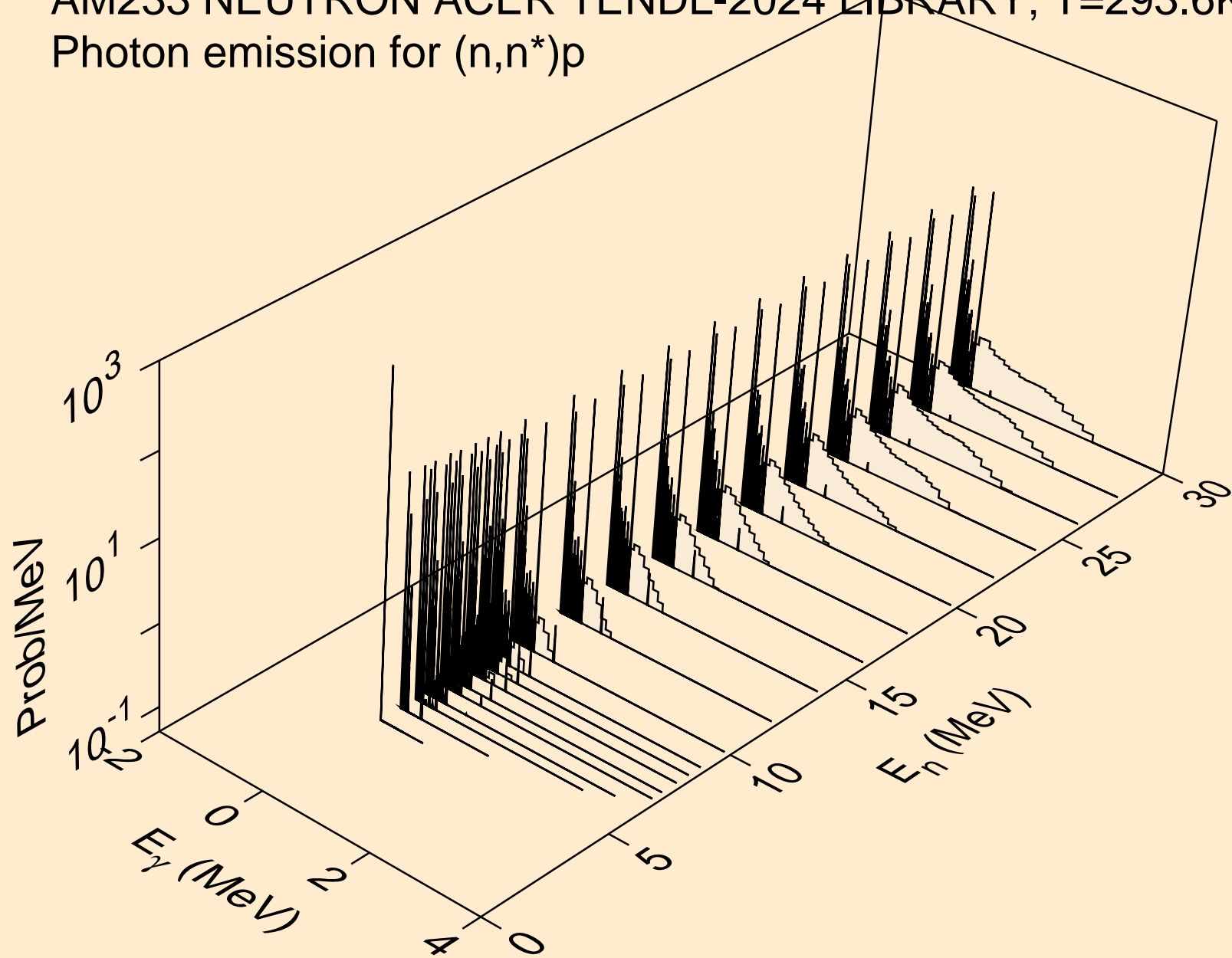
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Photon emission for (n,2n)a



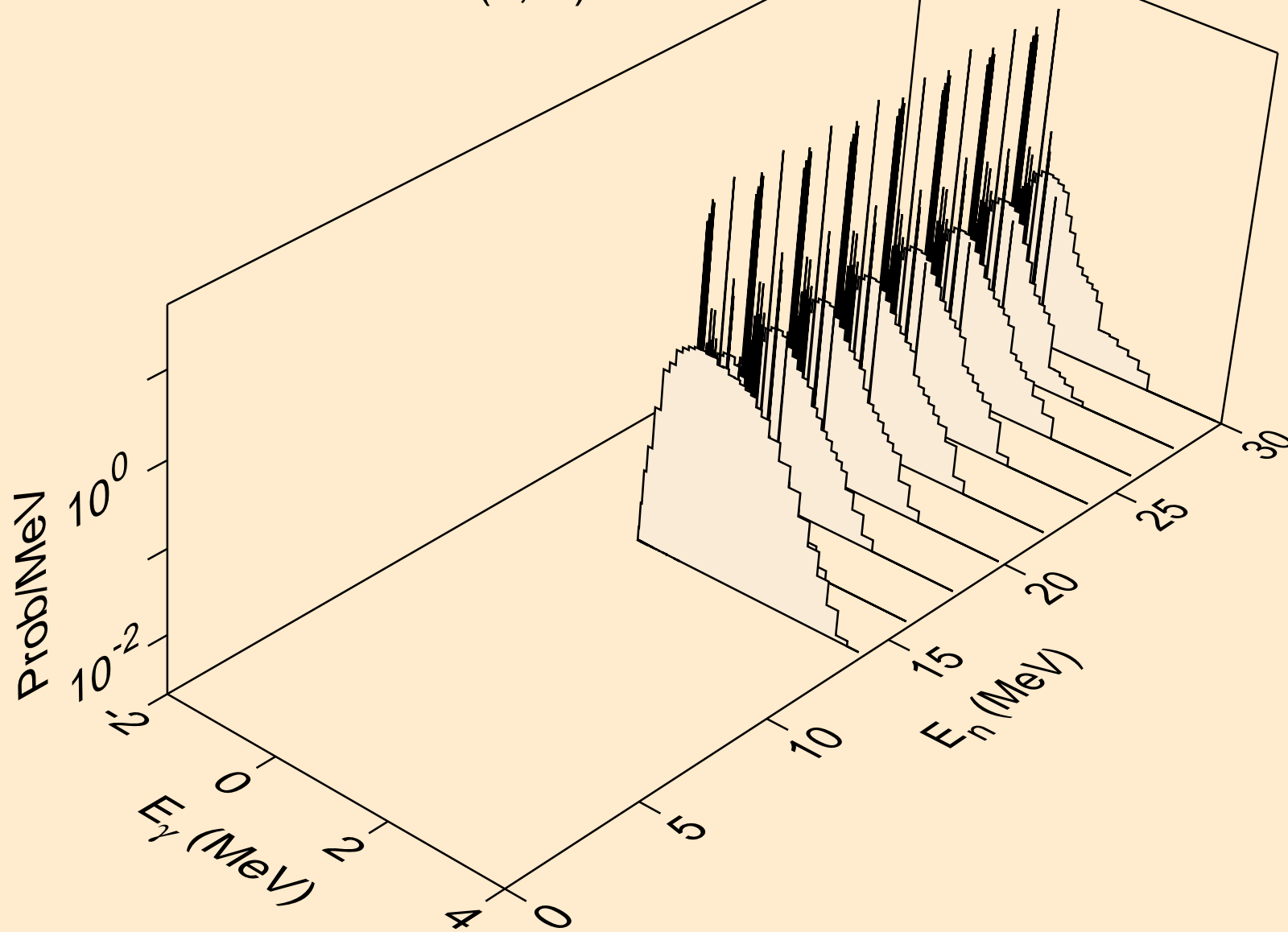
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Photon emission for (n,3n)a



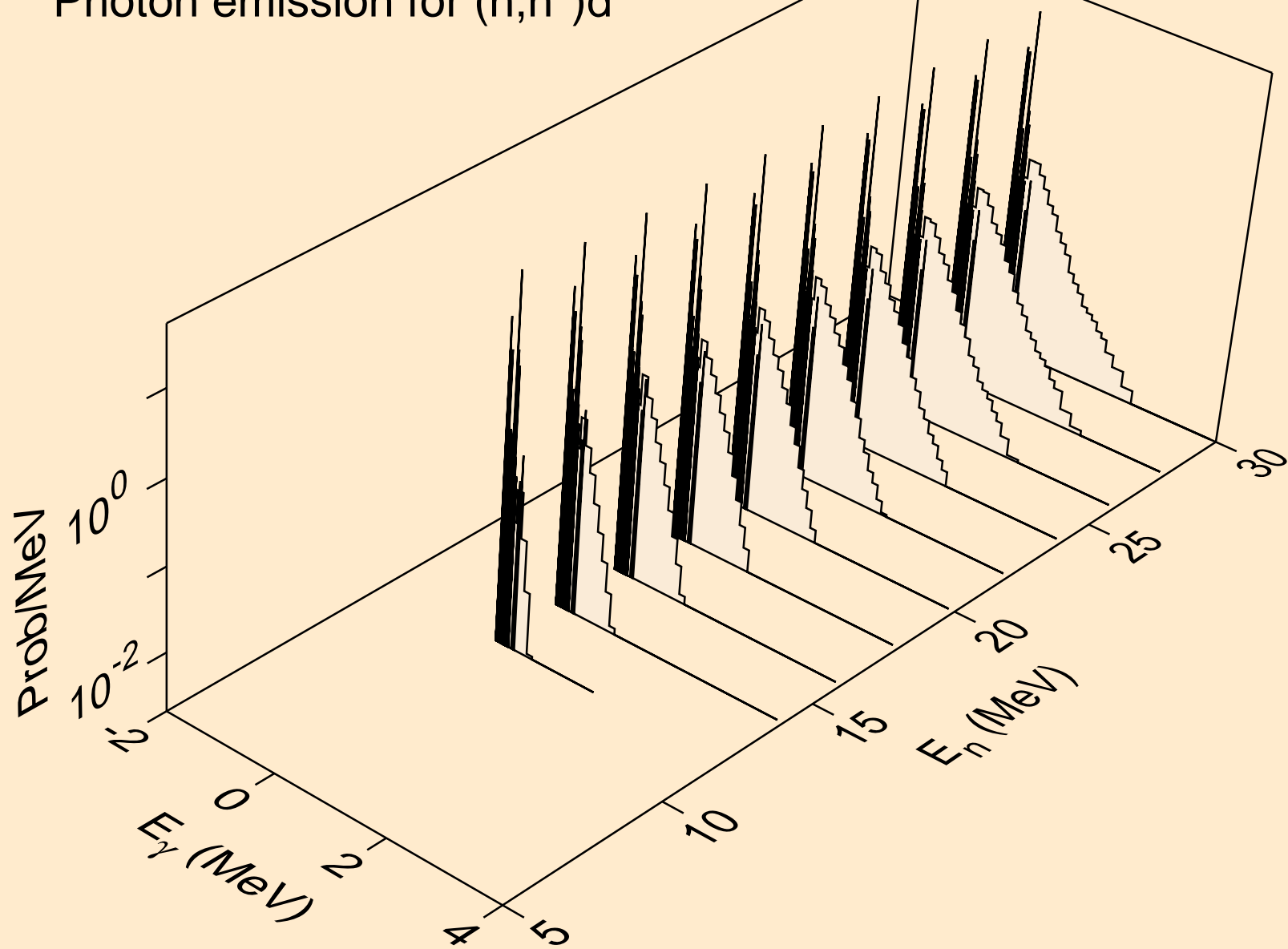
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Photon emission for (n,n\*)p



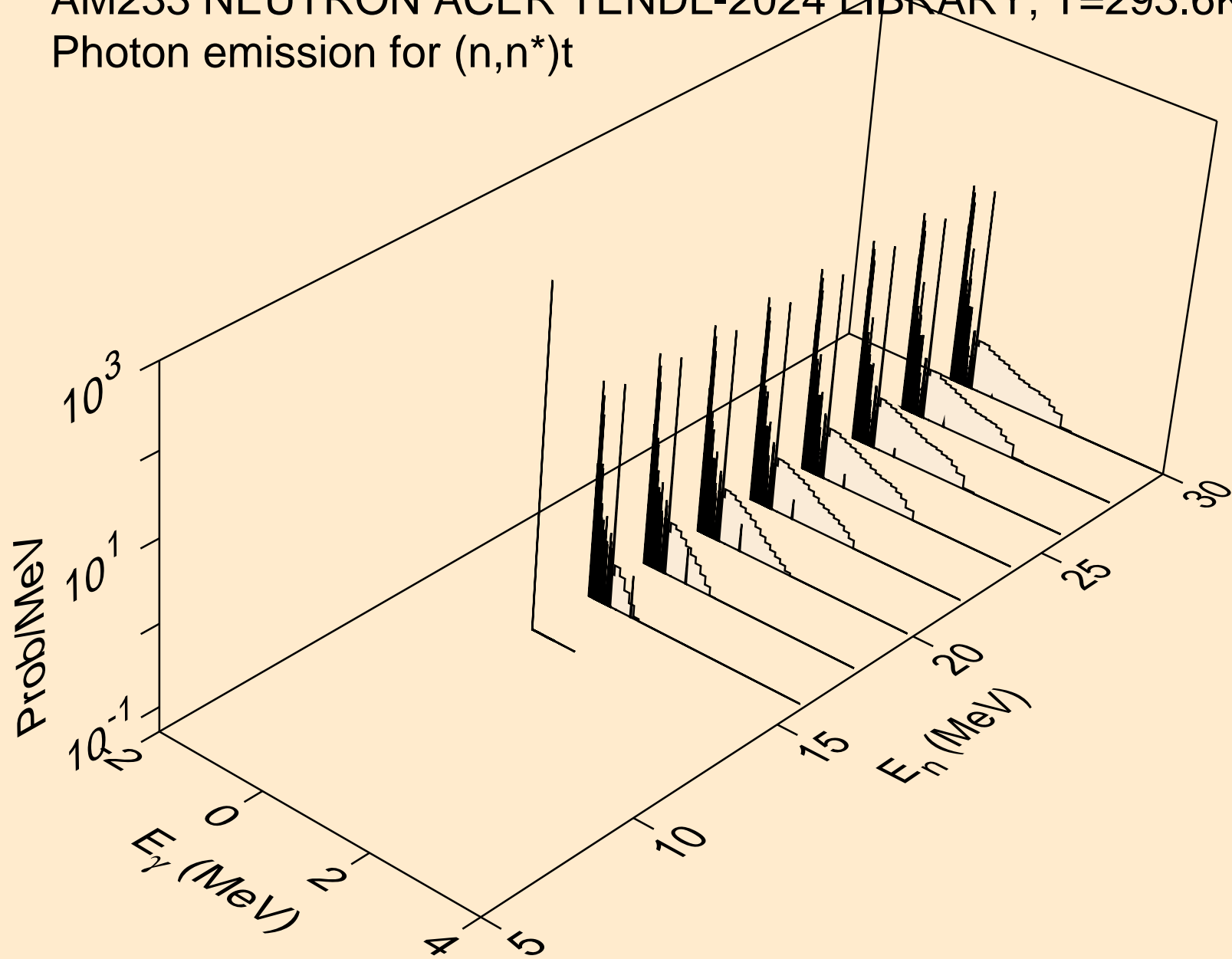
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Photon emission for (n,n\*)2a



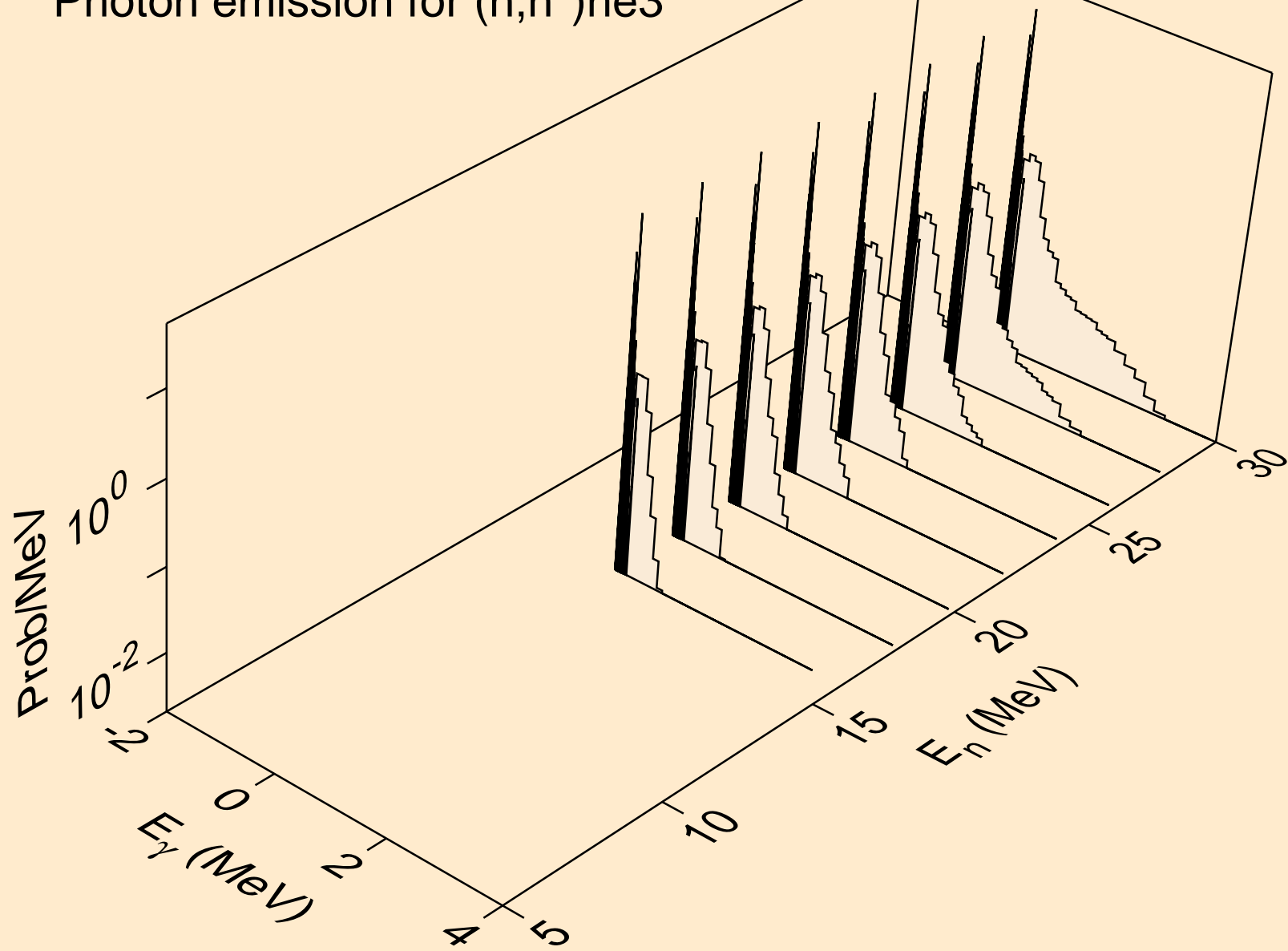
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Photon emission for (n,n\*)d



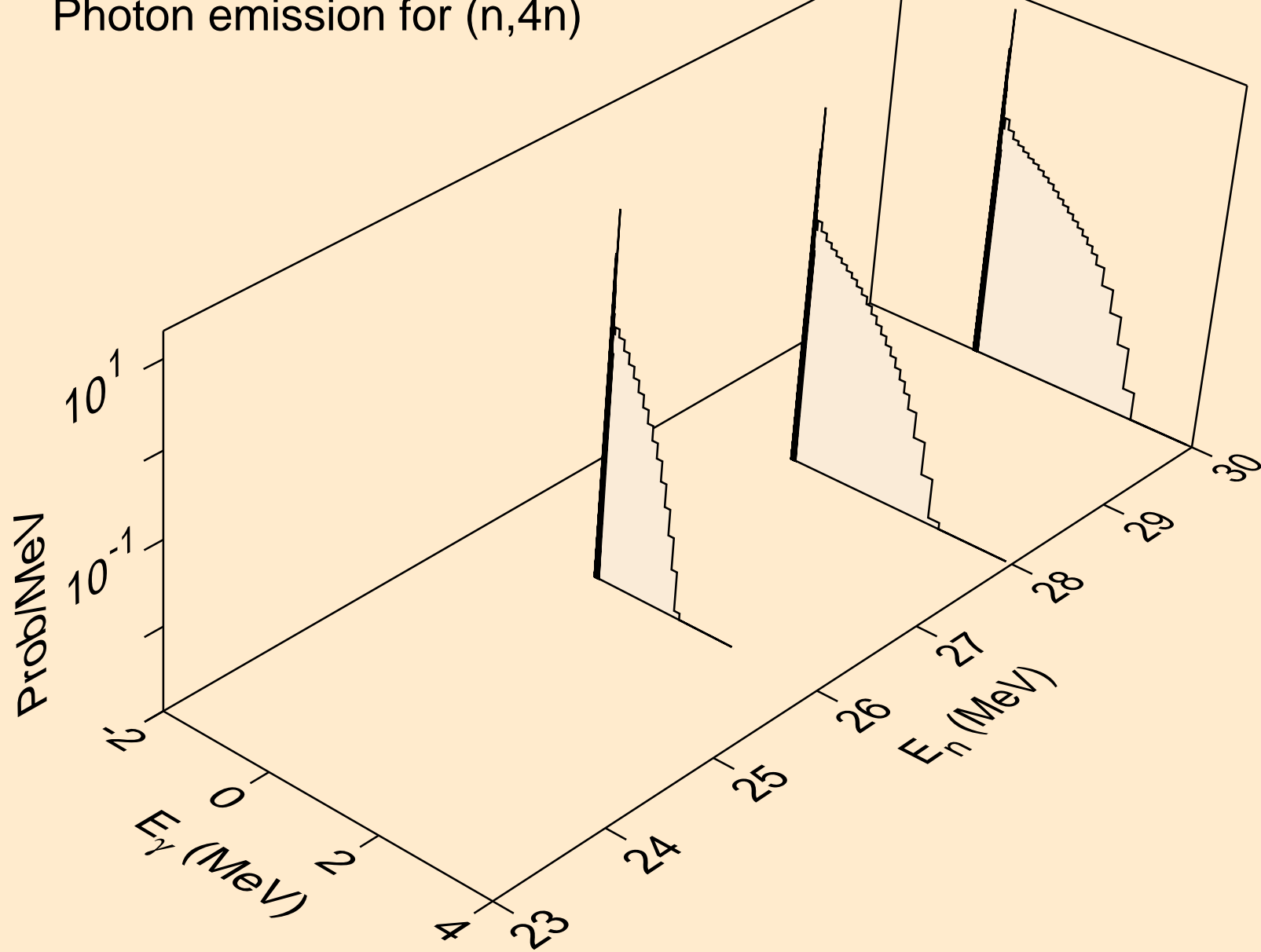
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Photon emission for (n,n\*)t



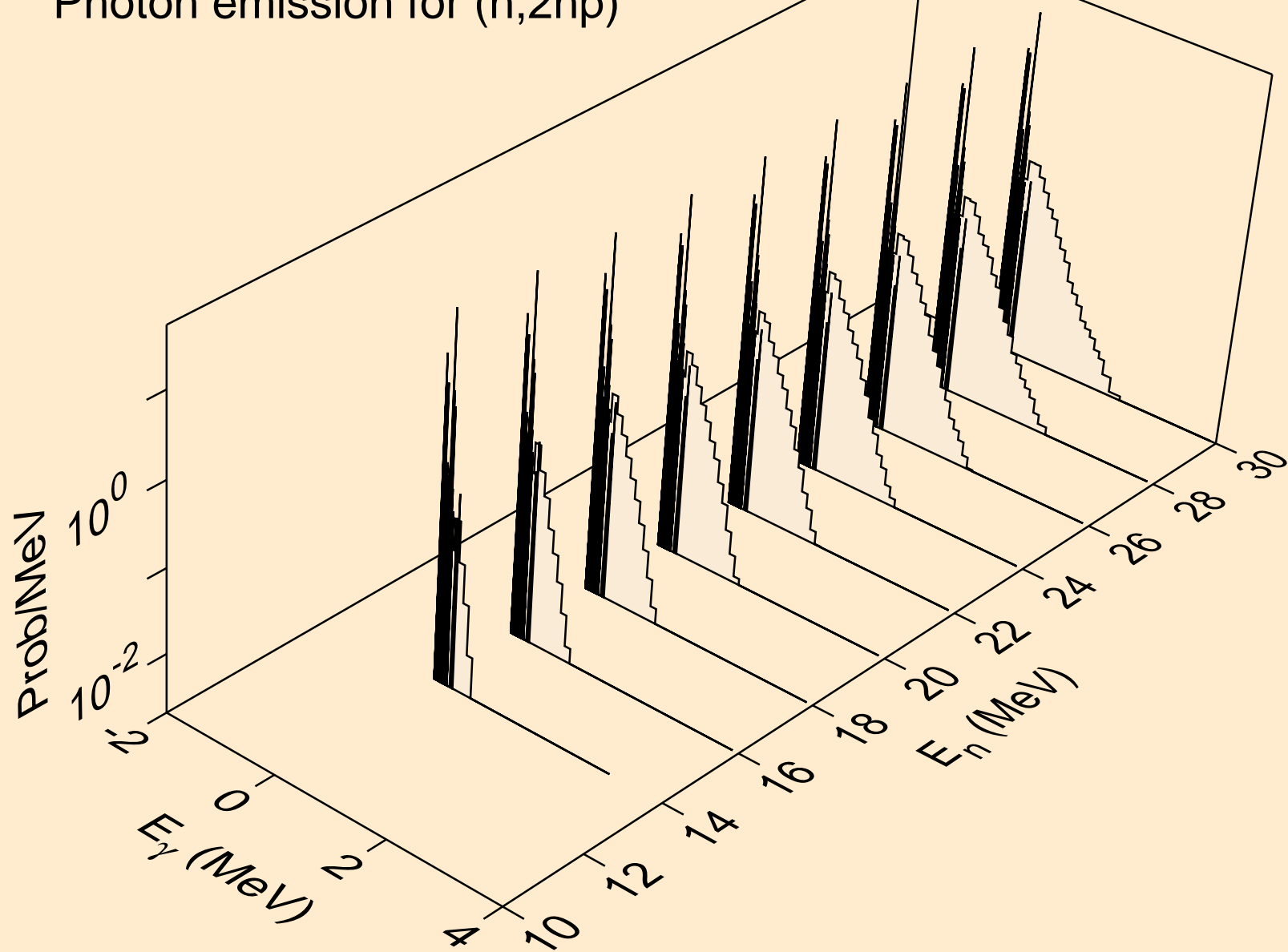
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Photon emission for (n,n\*)he3



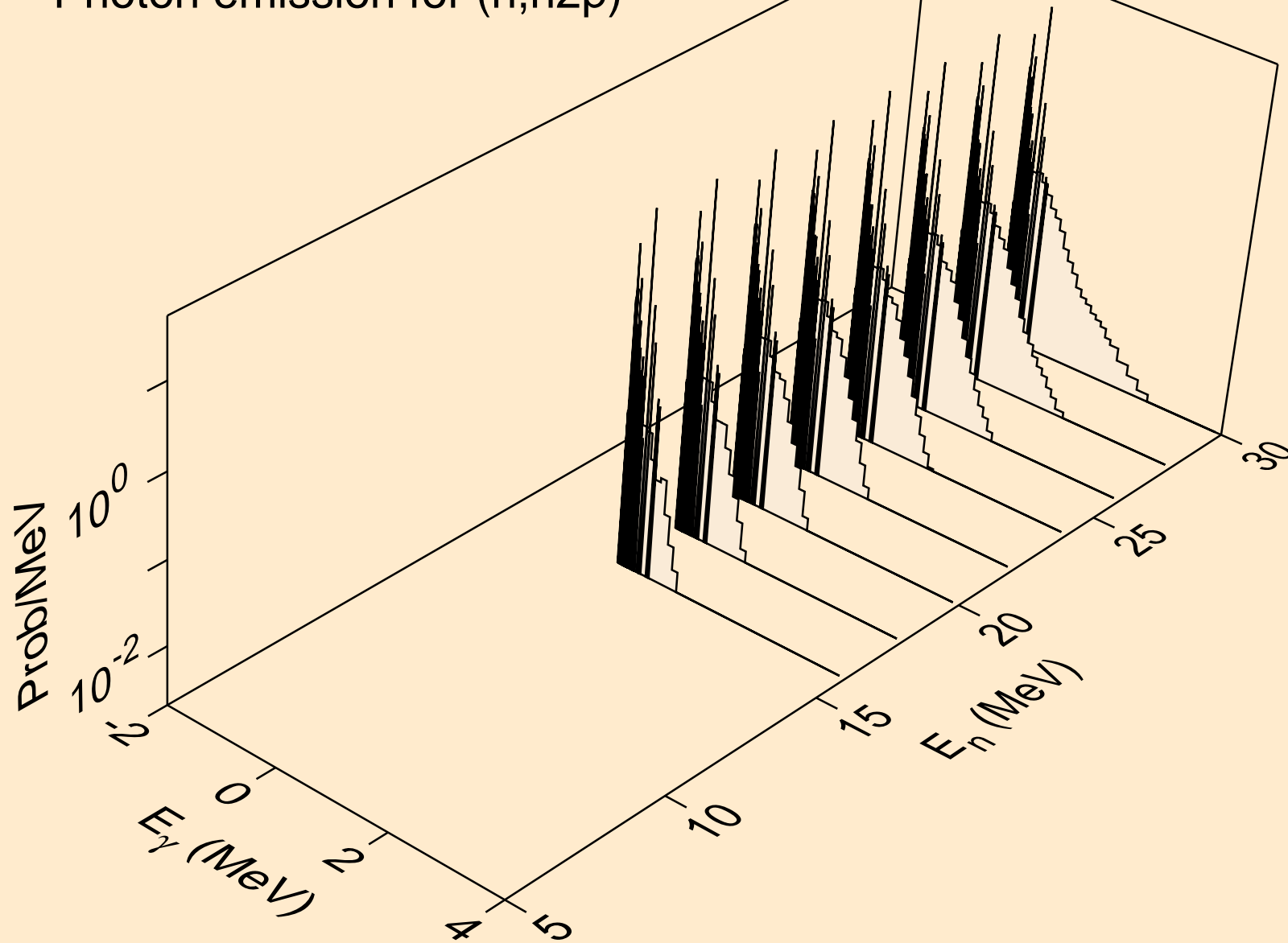
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Photon emission for (n,4n)



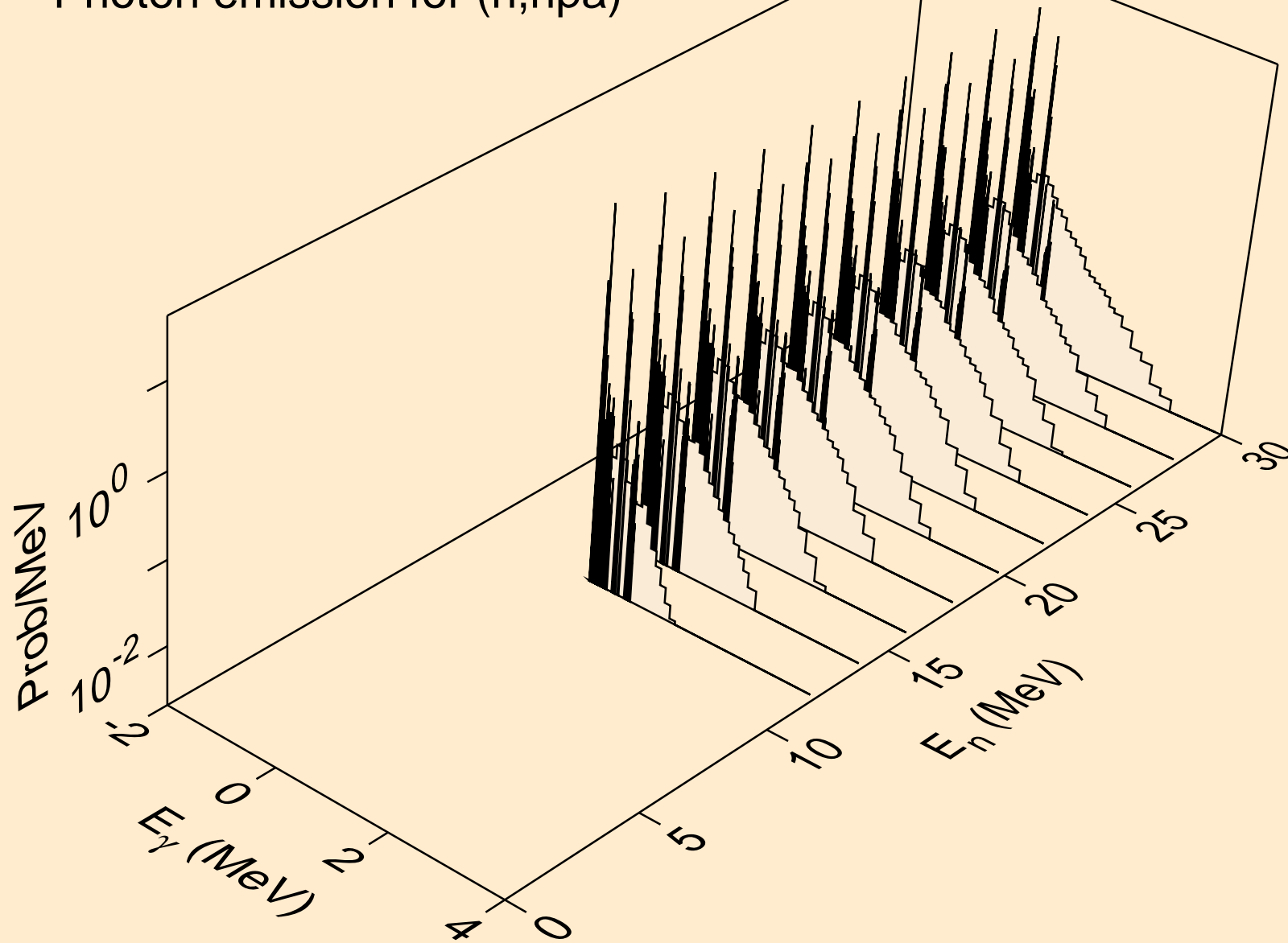
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Photon emission for (n,2np)



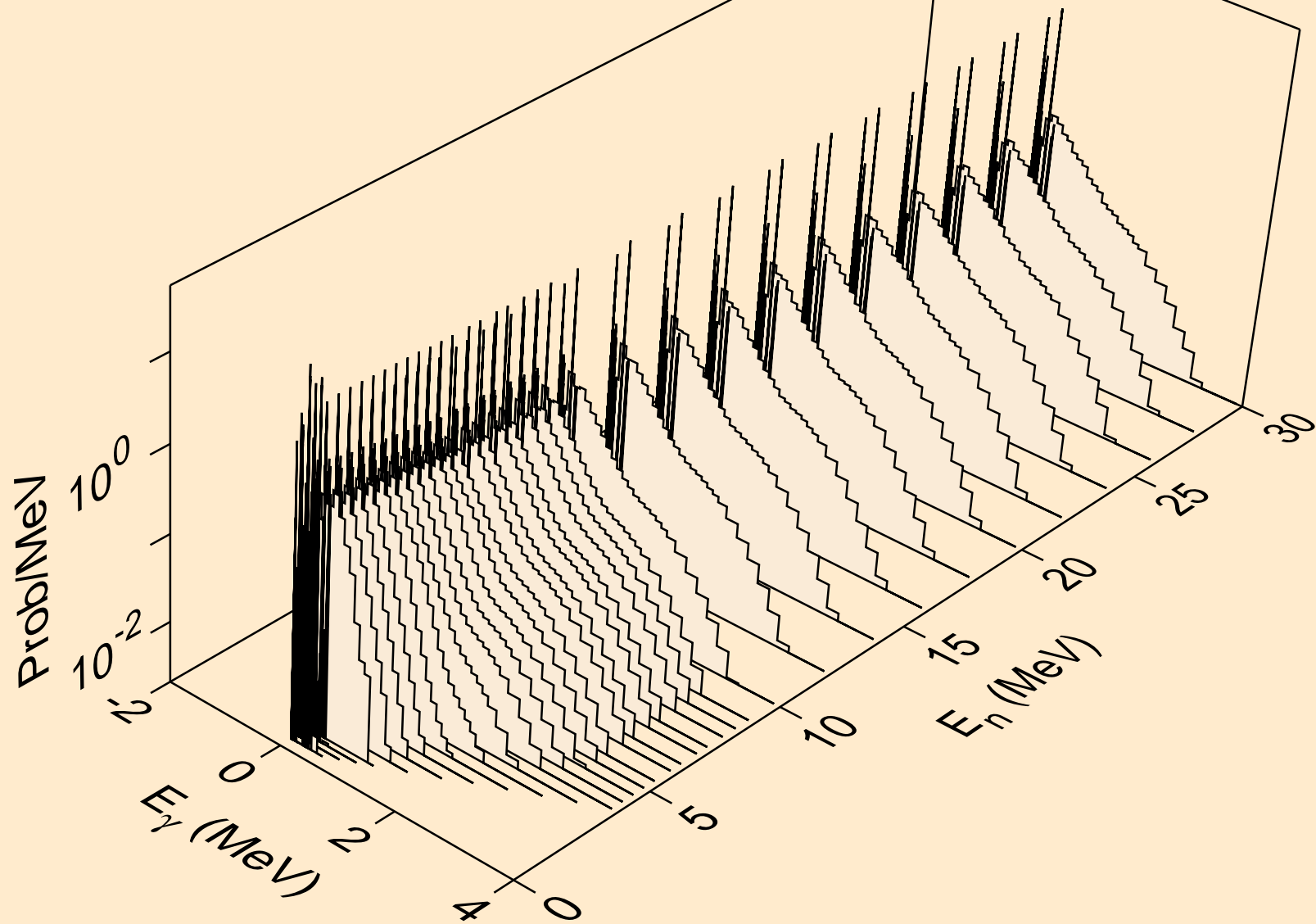
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Photon emission for (n,n2p)



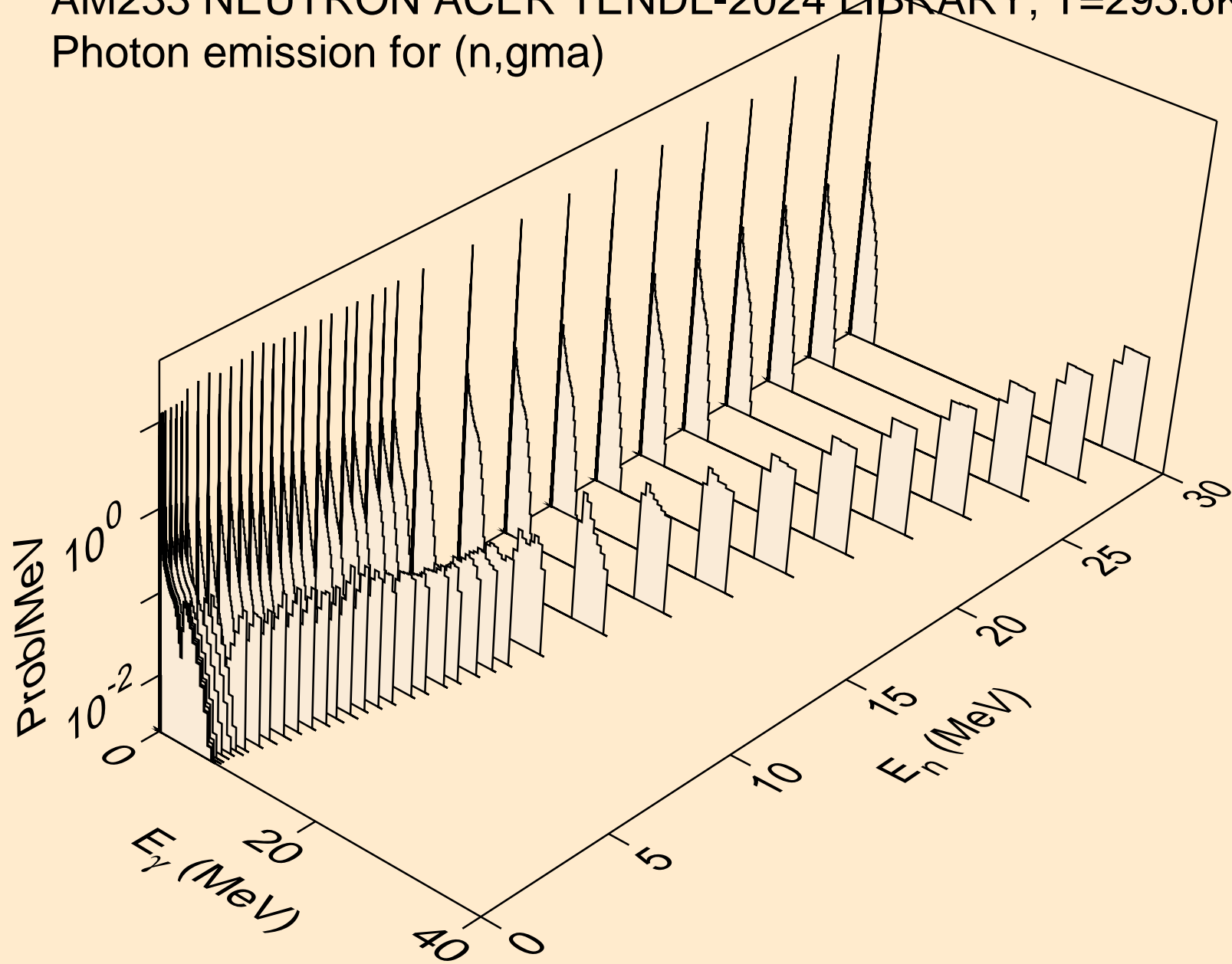
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



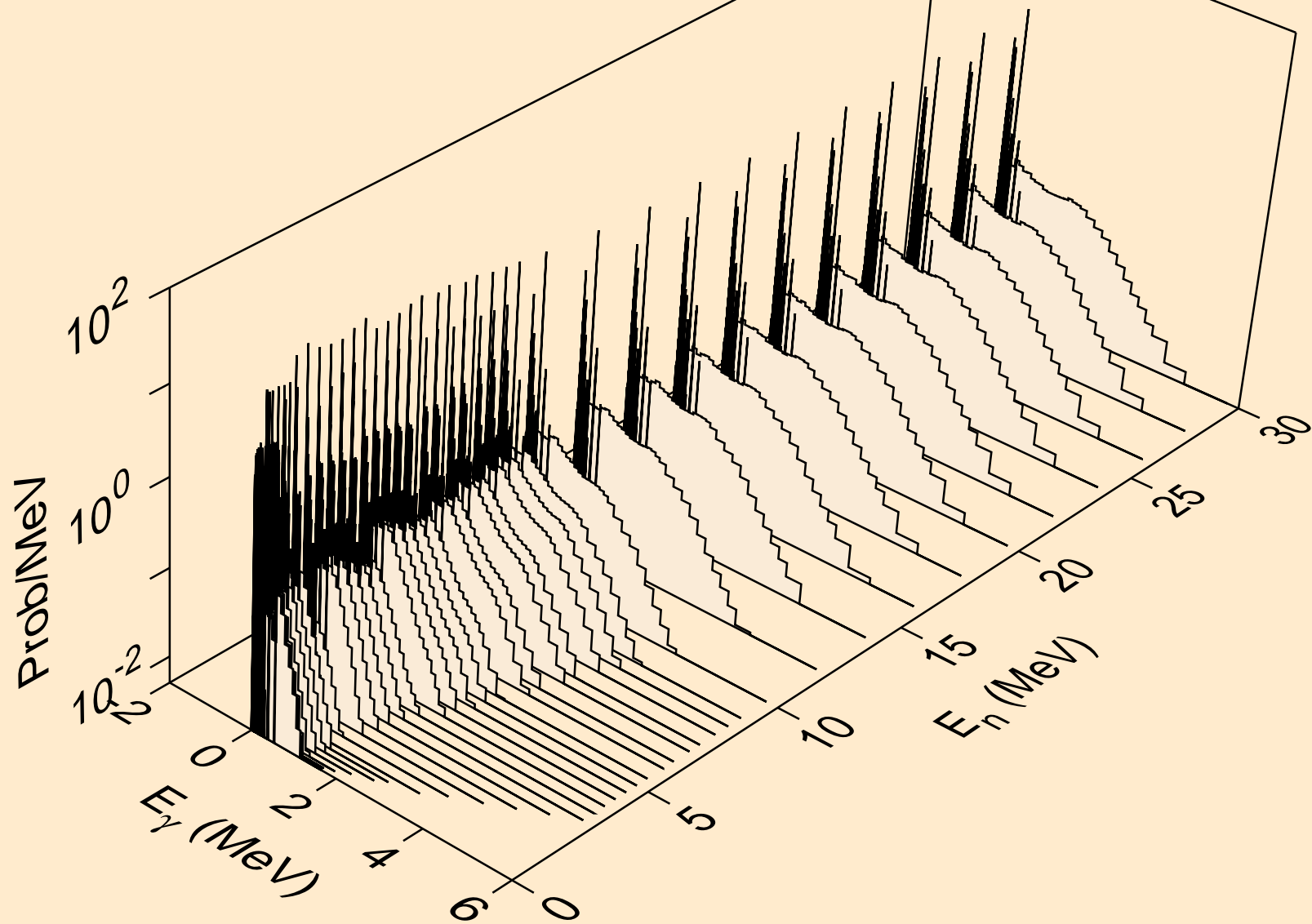
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



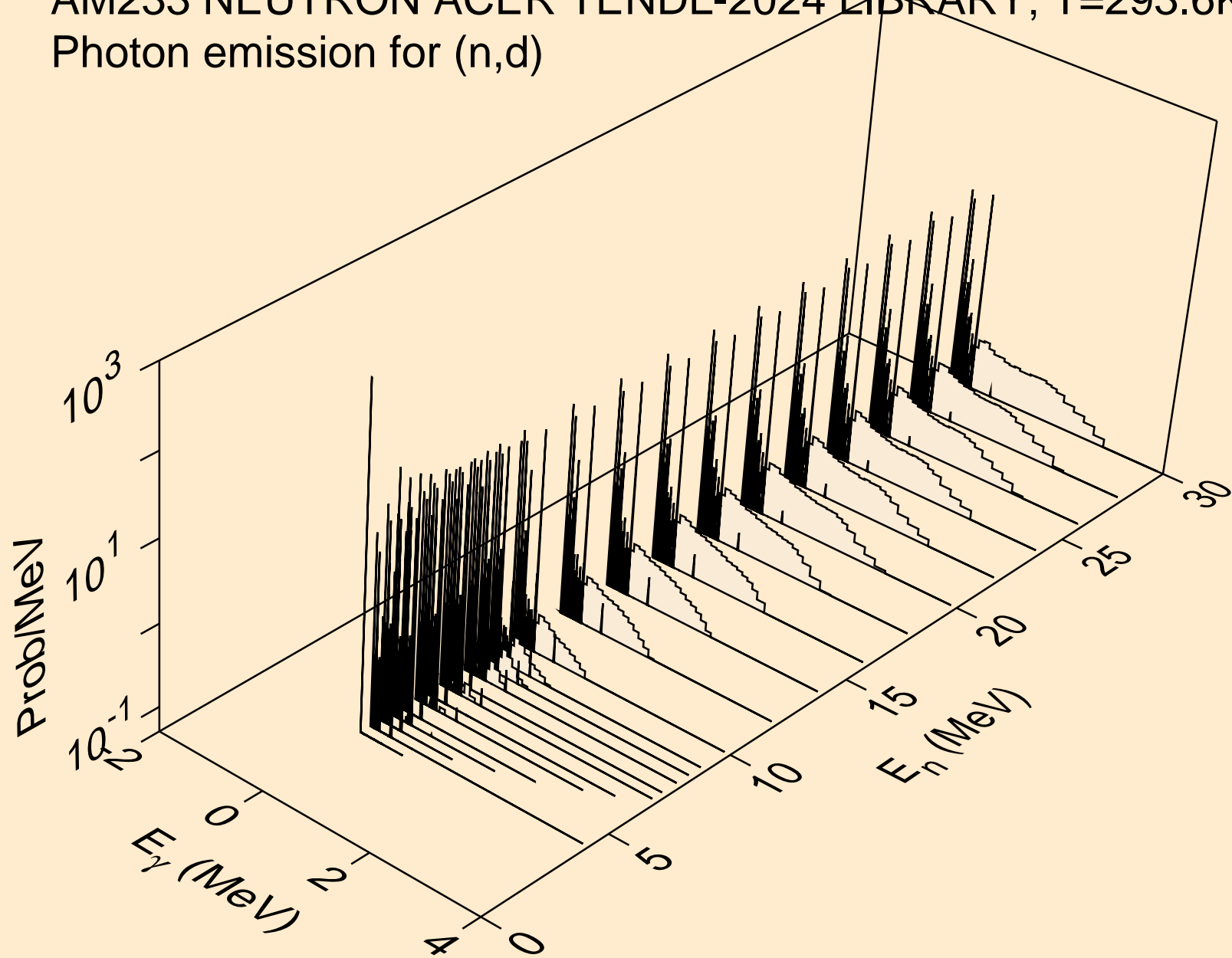
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Photon emission for (n,gma)



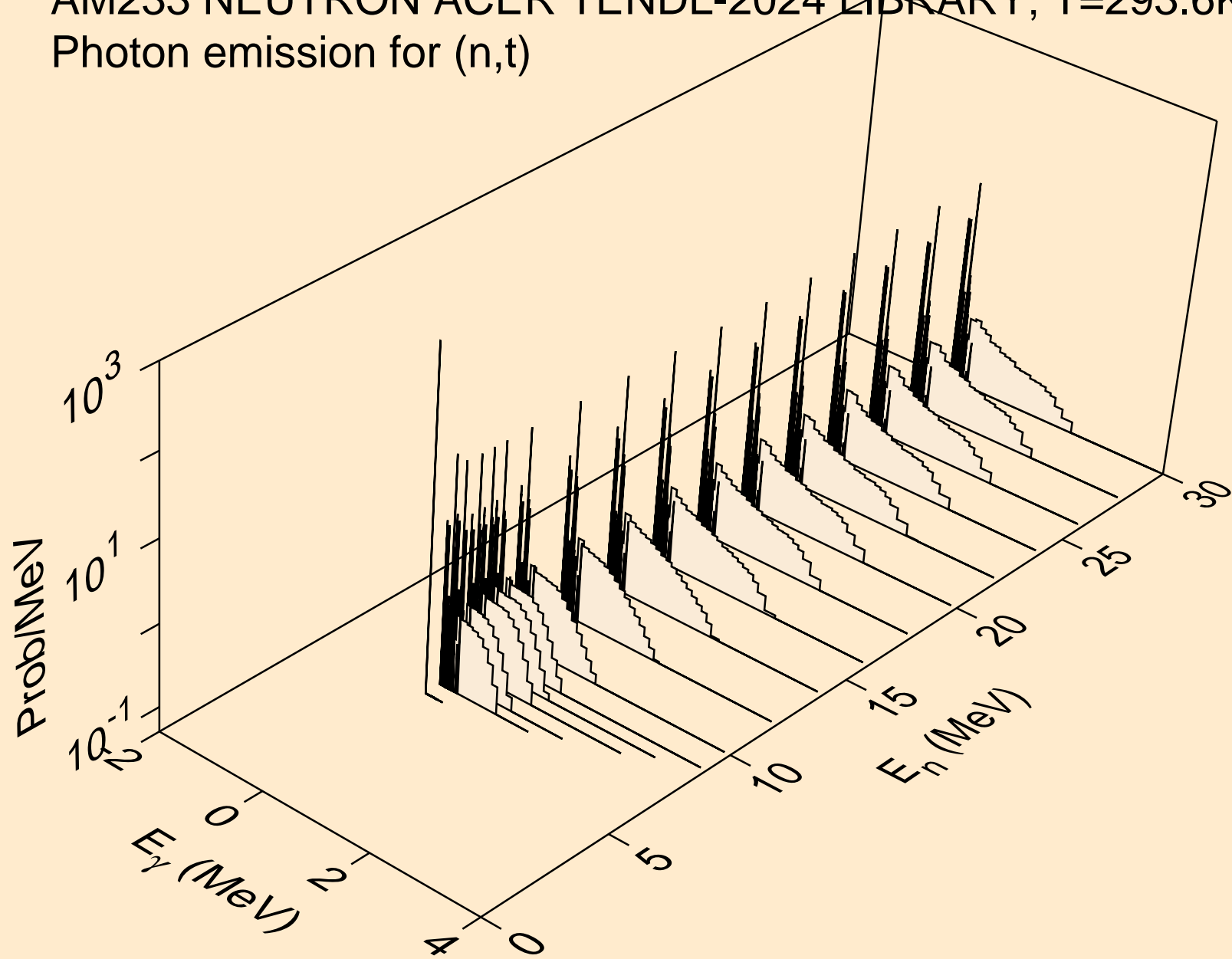
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



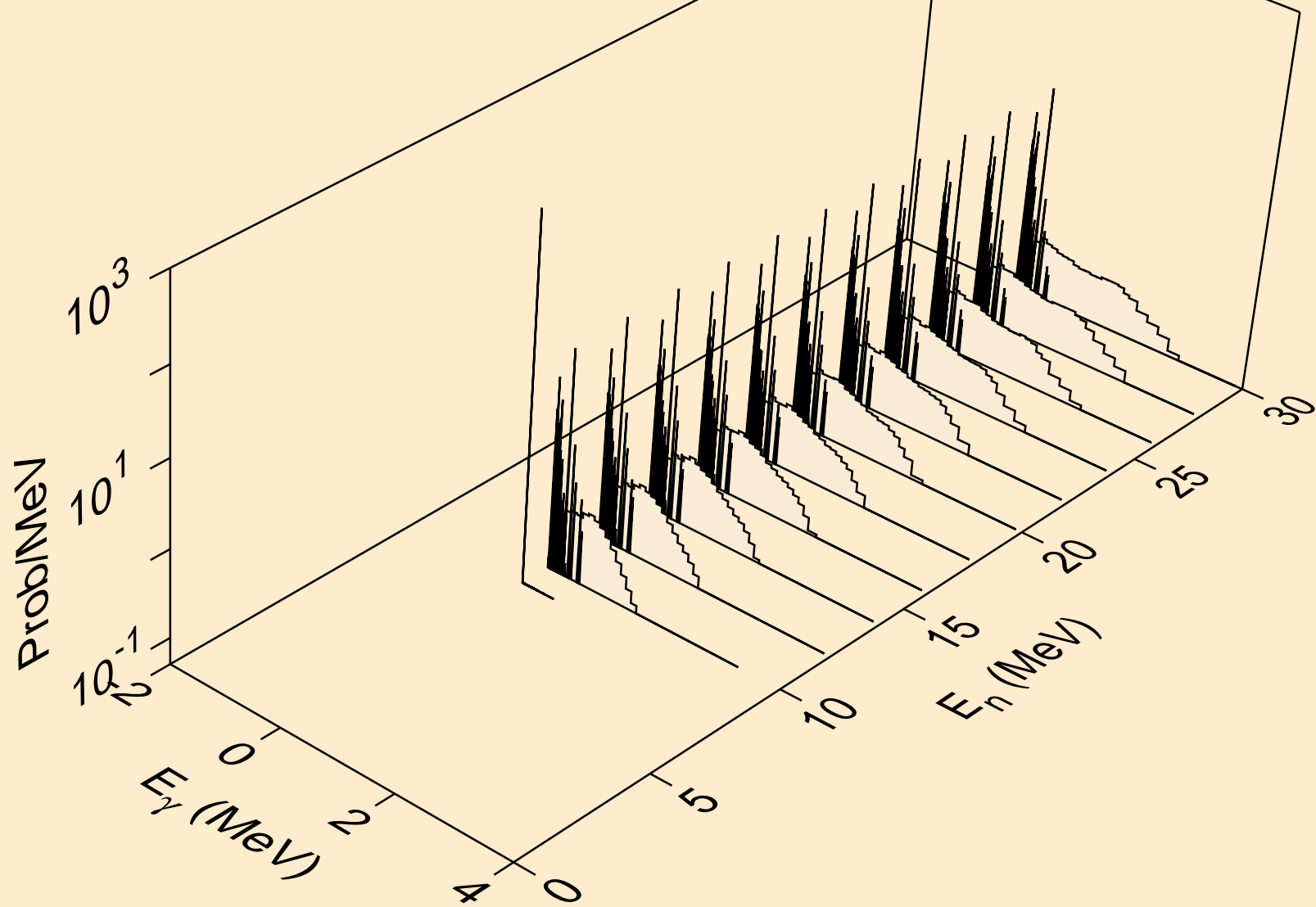
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



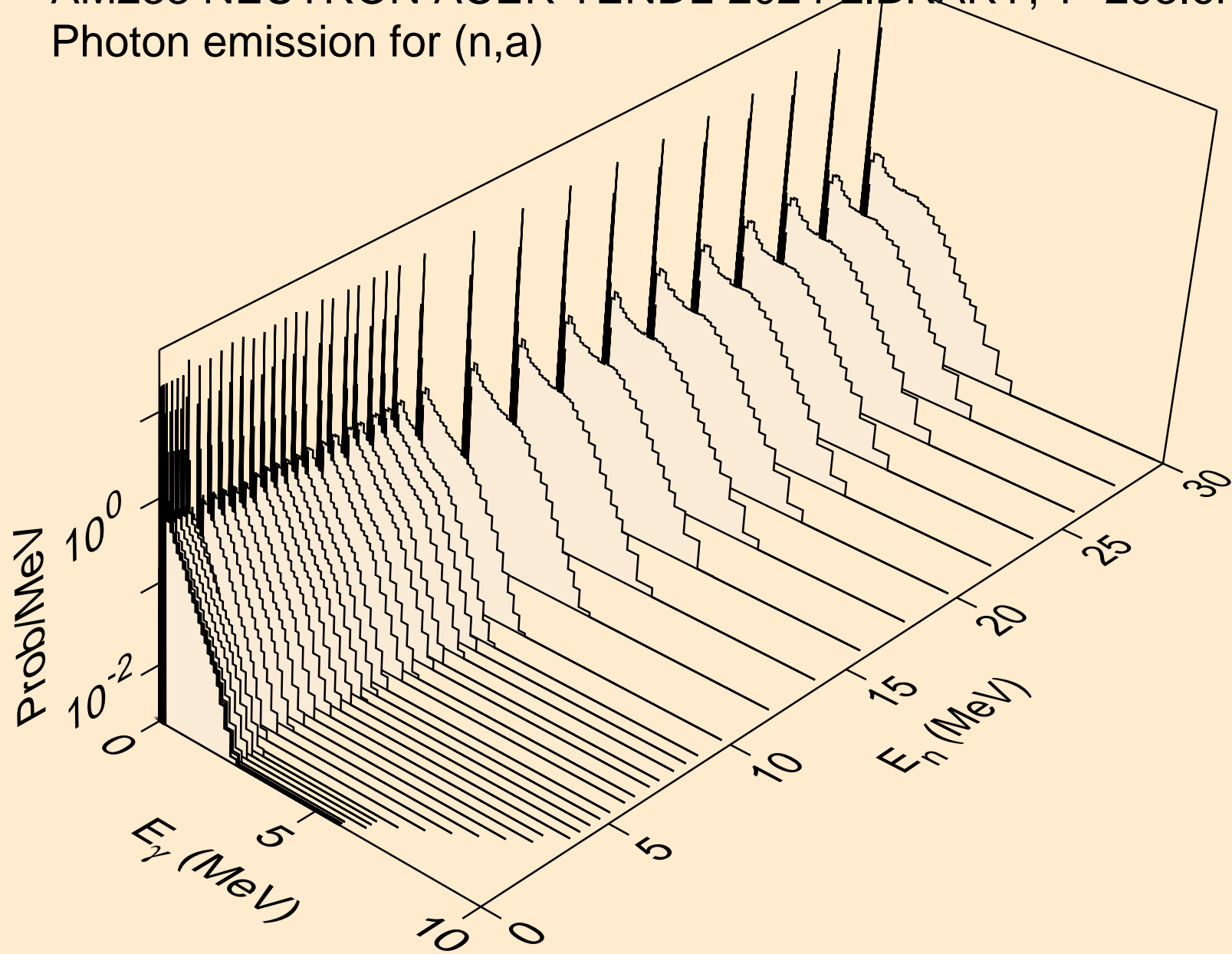
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



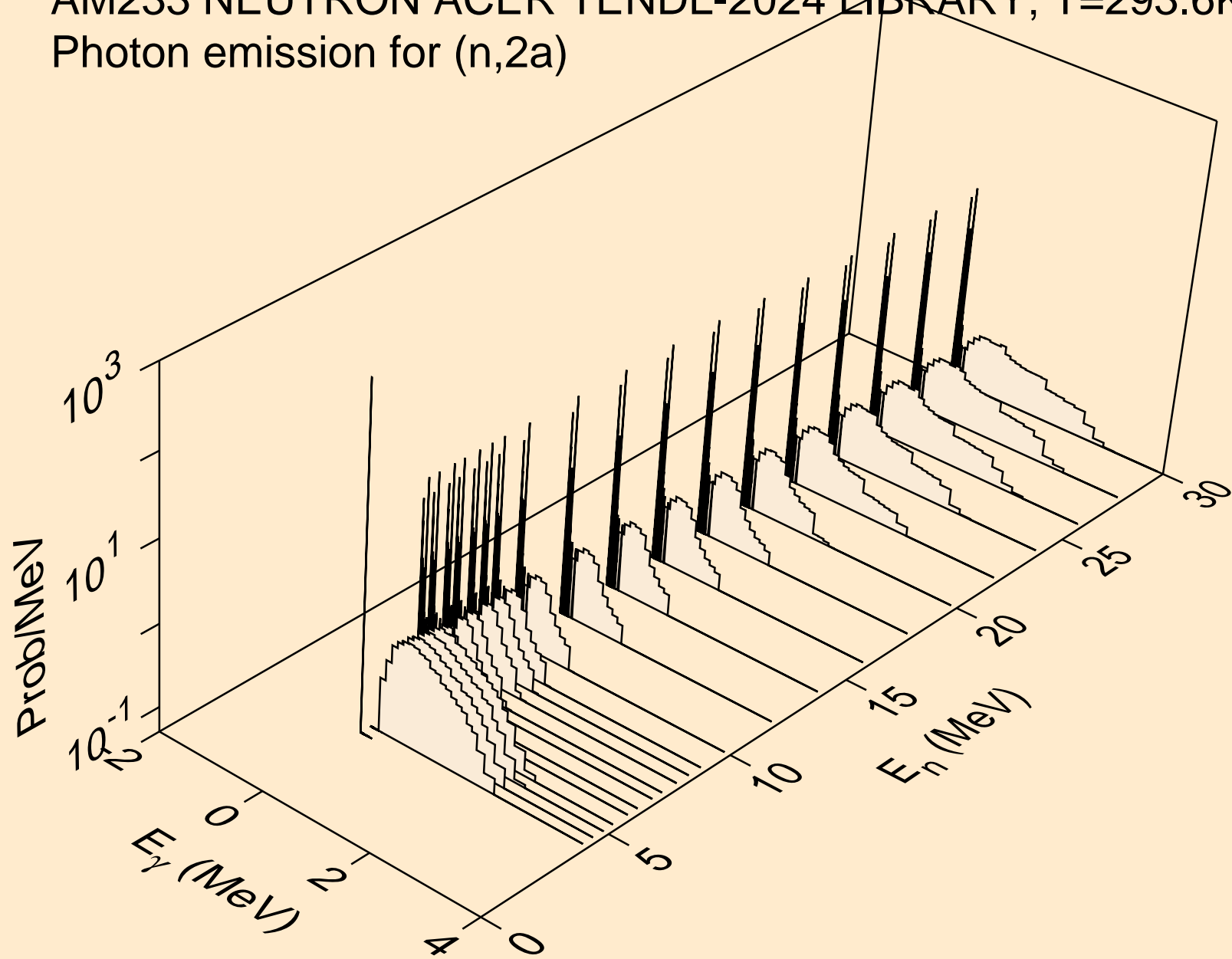
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



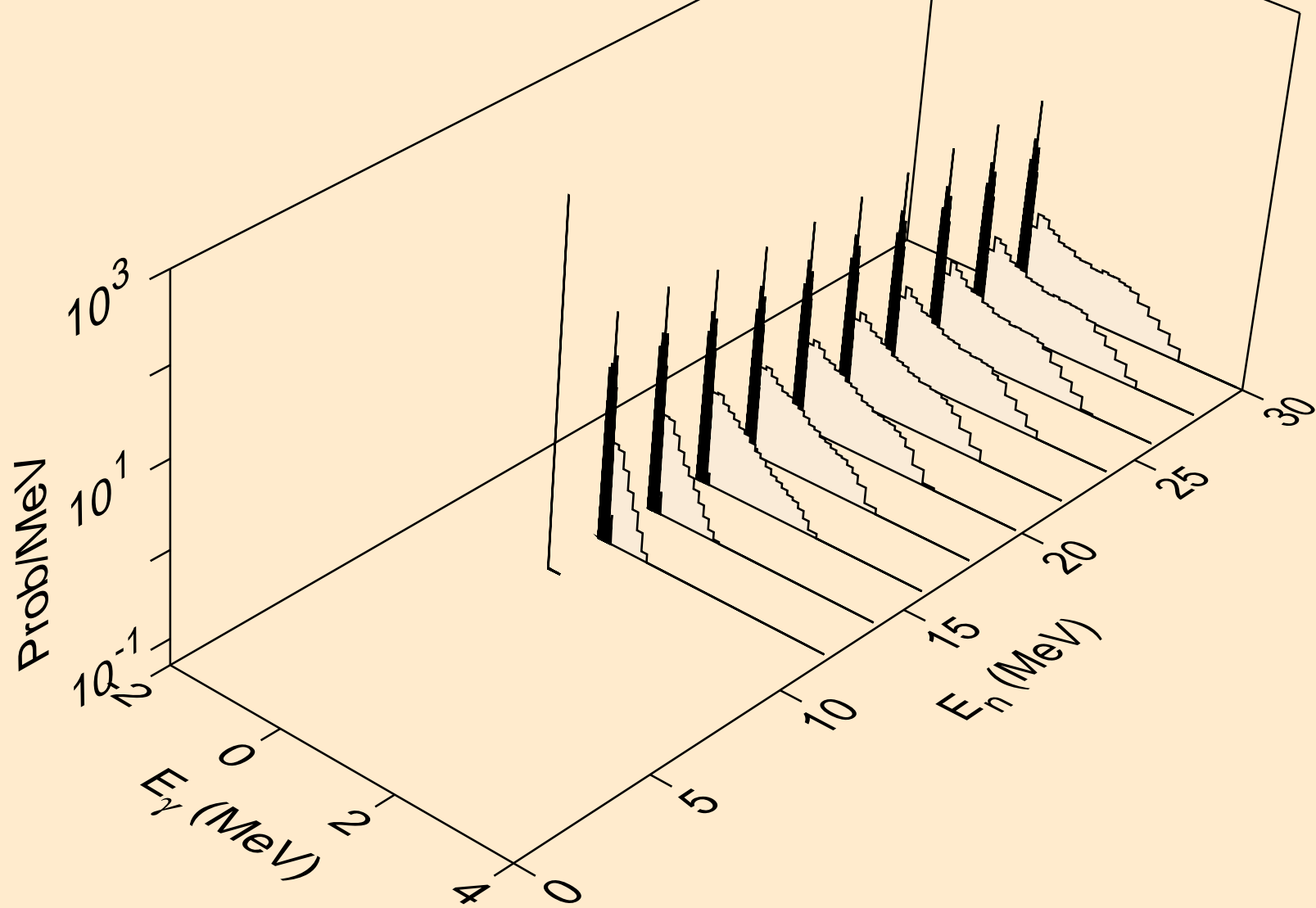
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



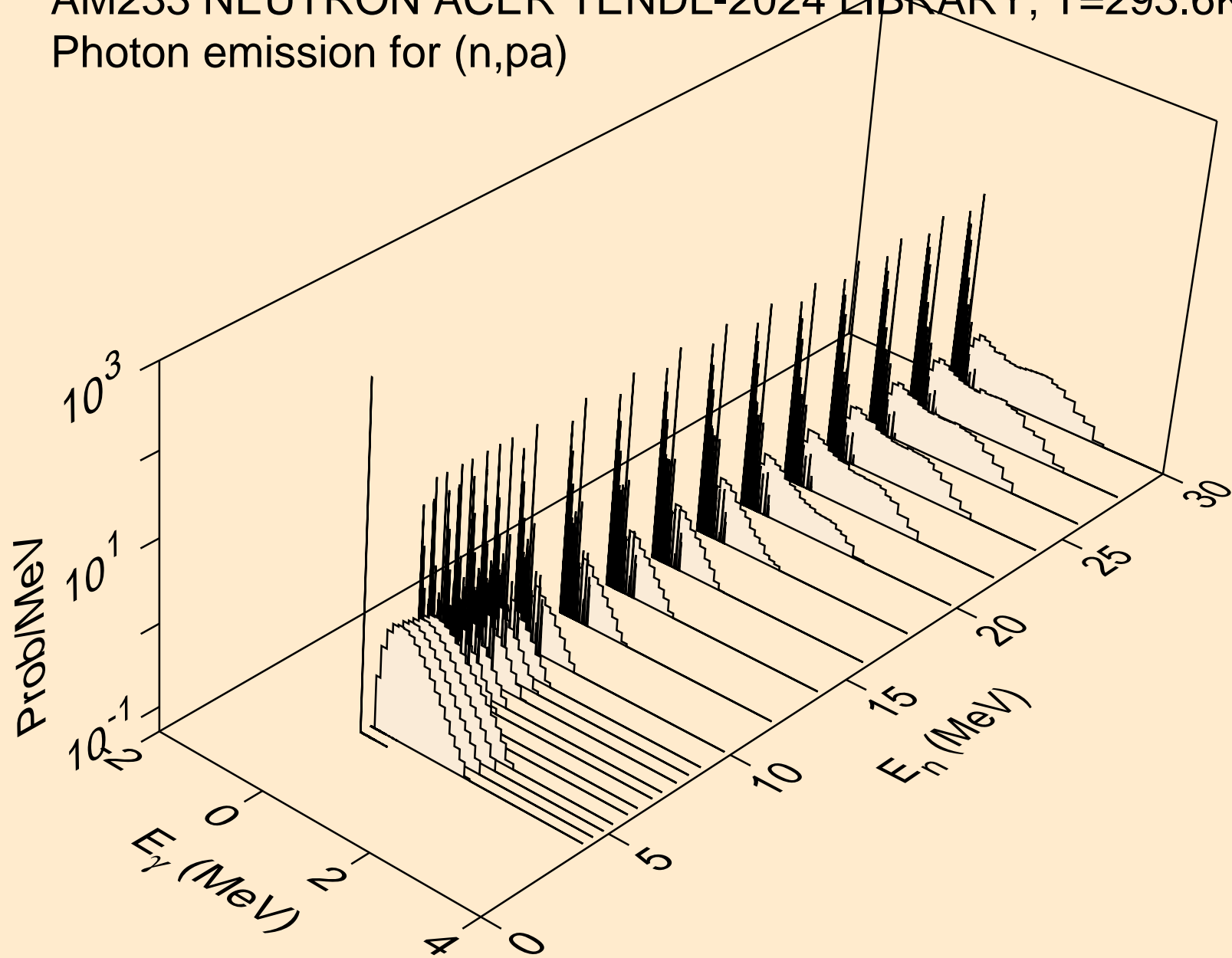
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)



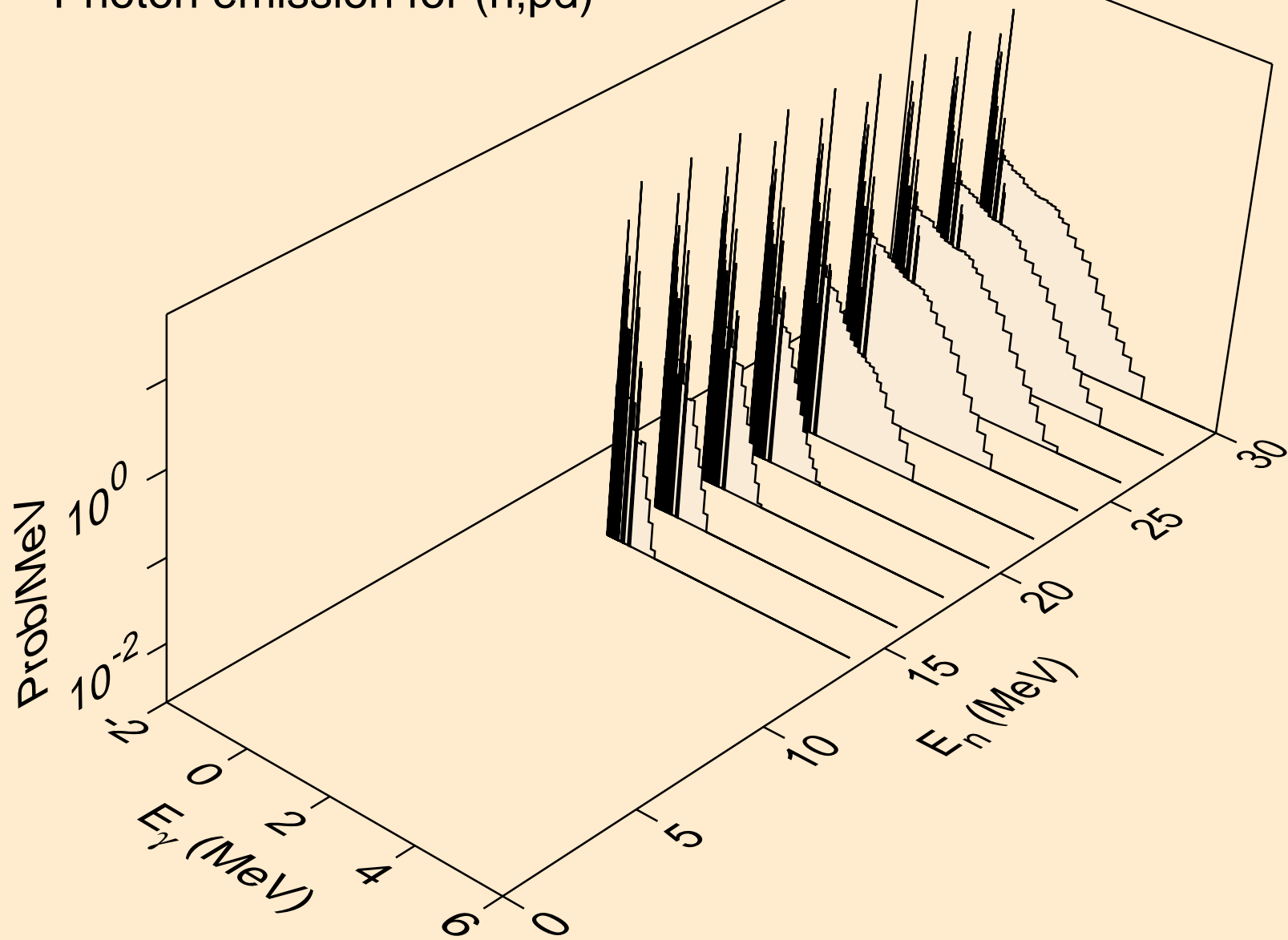
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



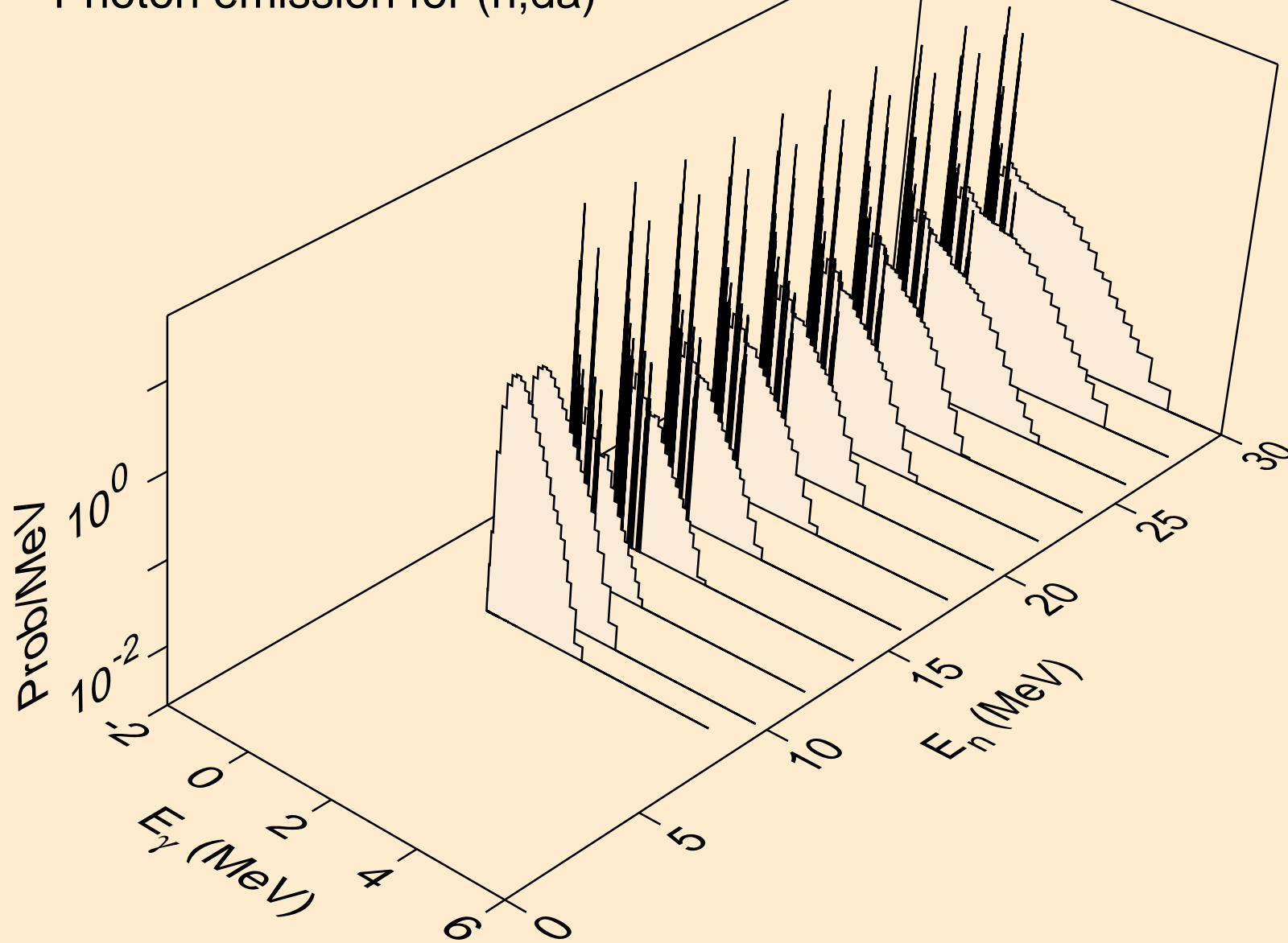
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



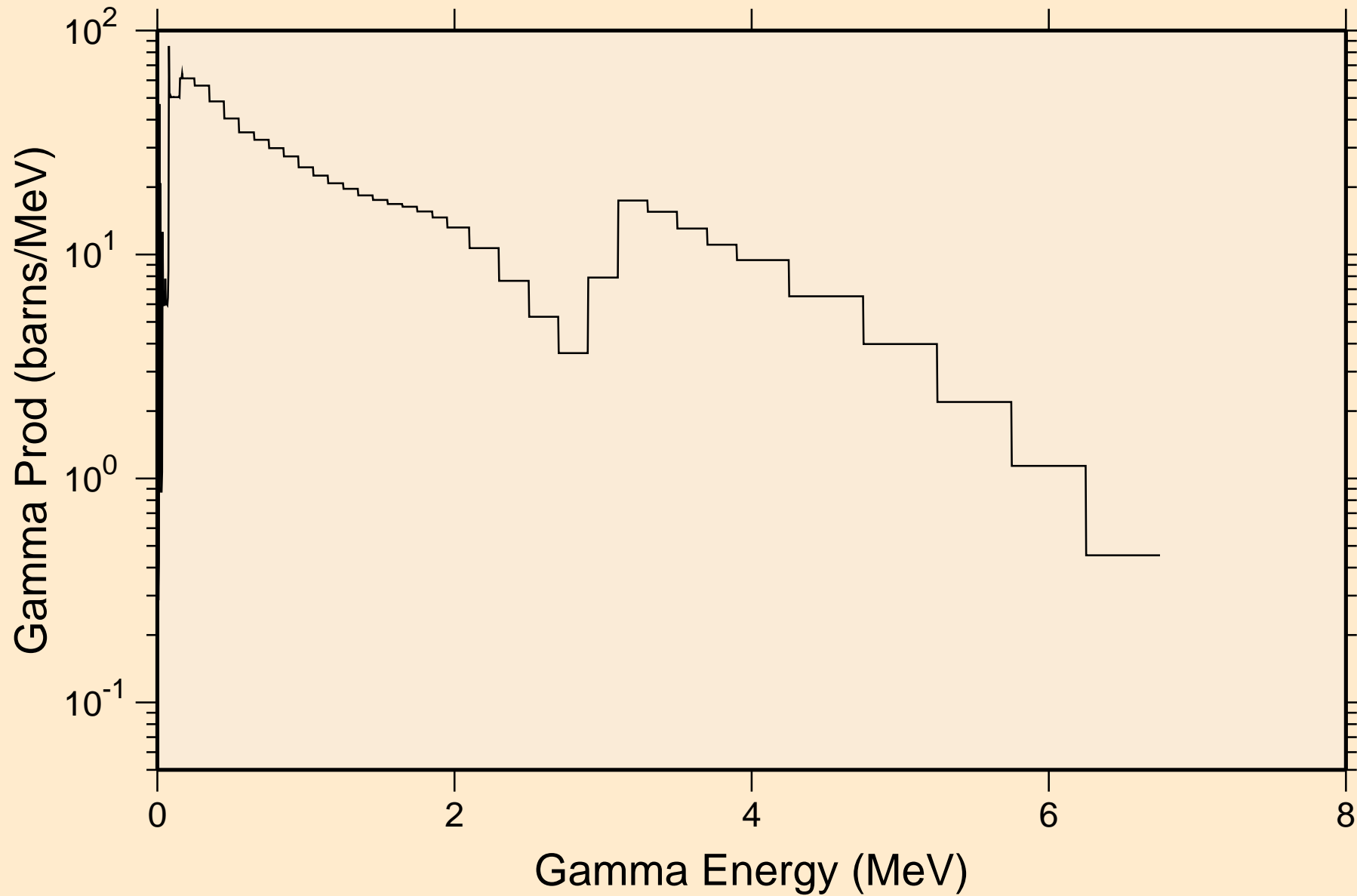
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



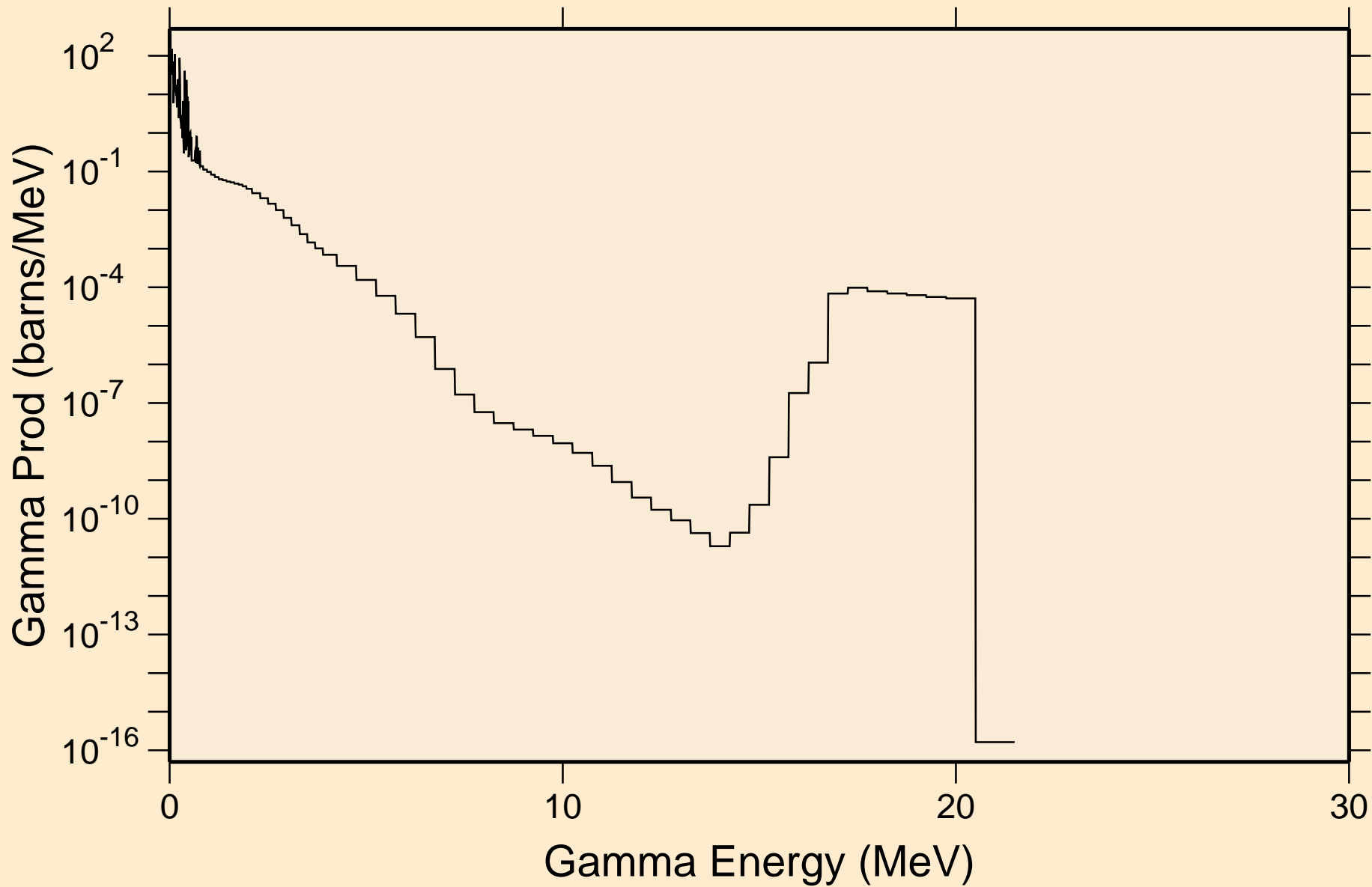
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



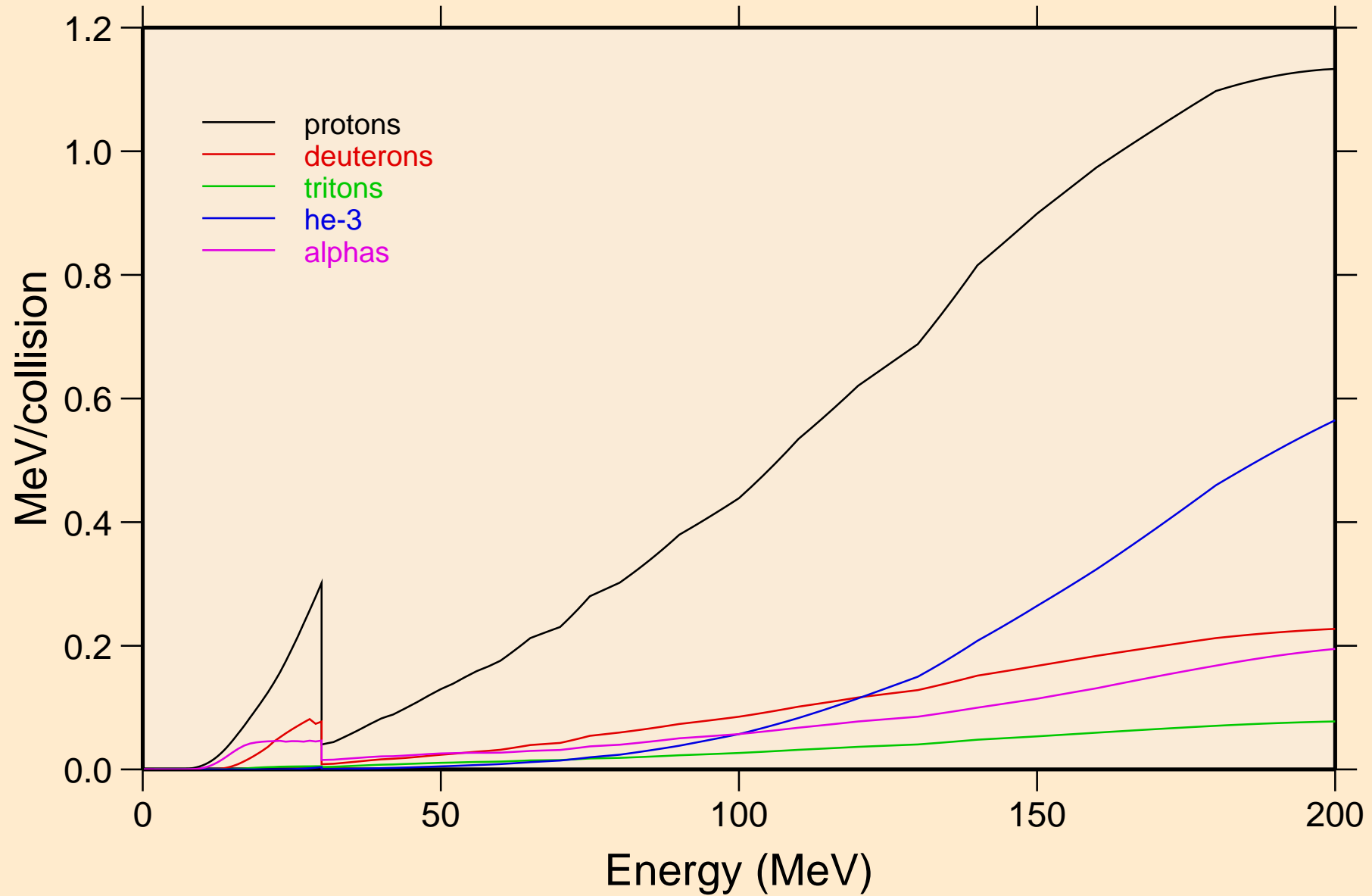
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



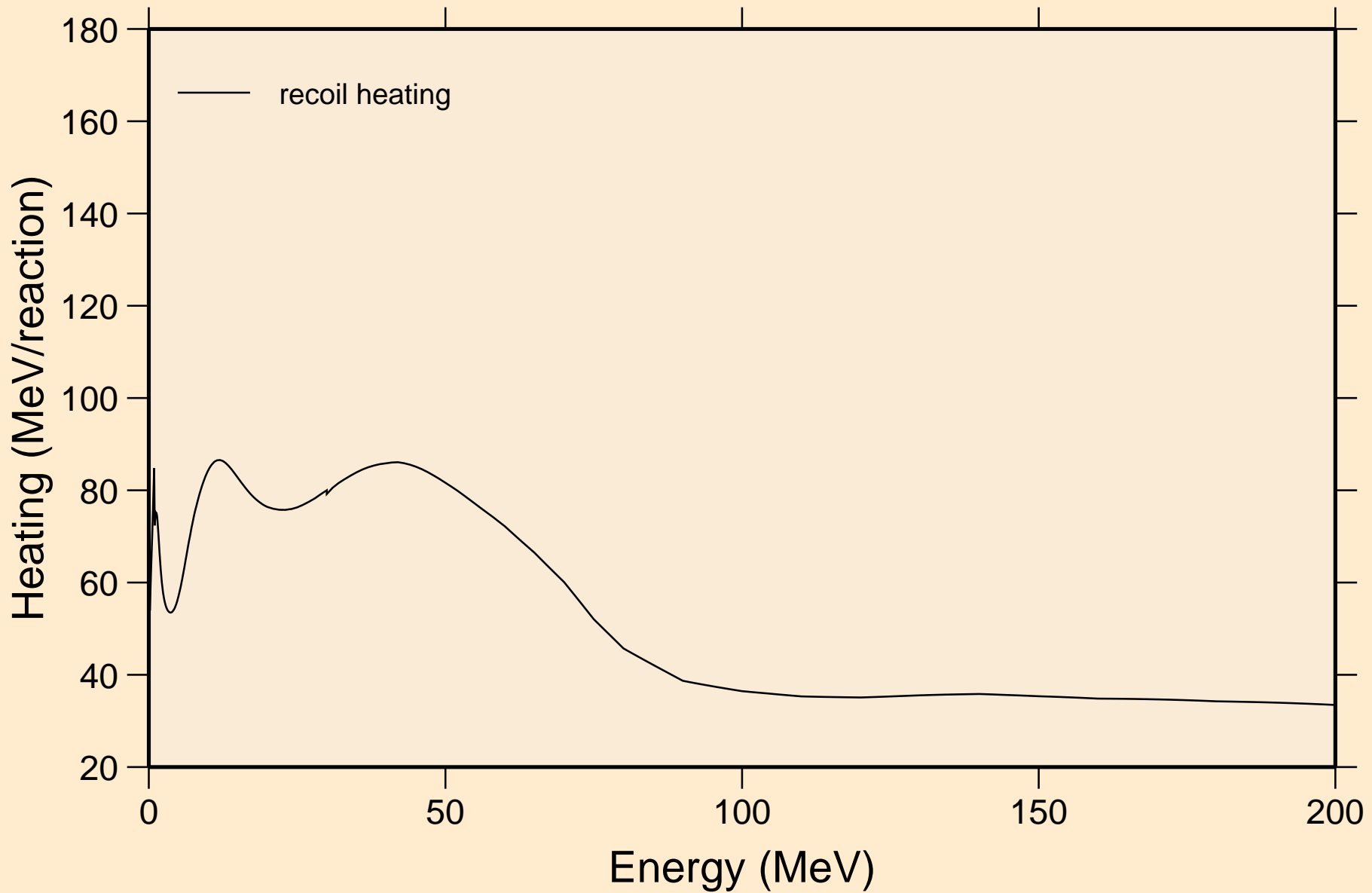
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

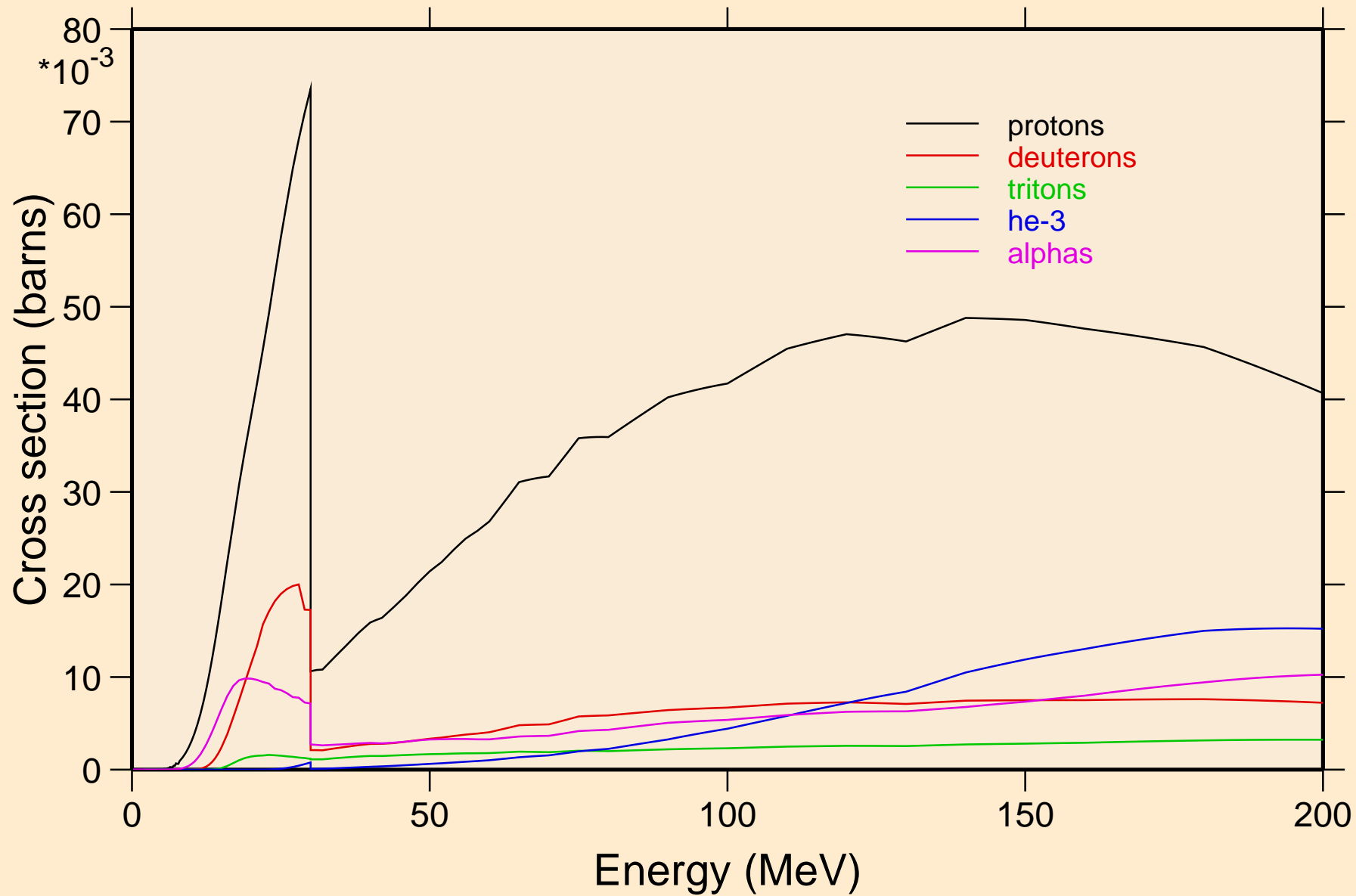


AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

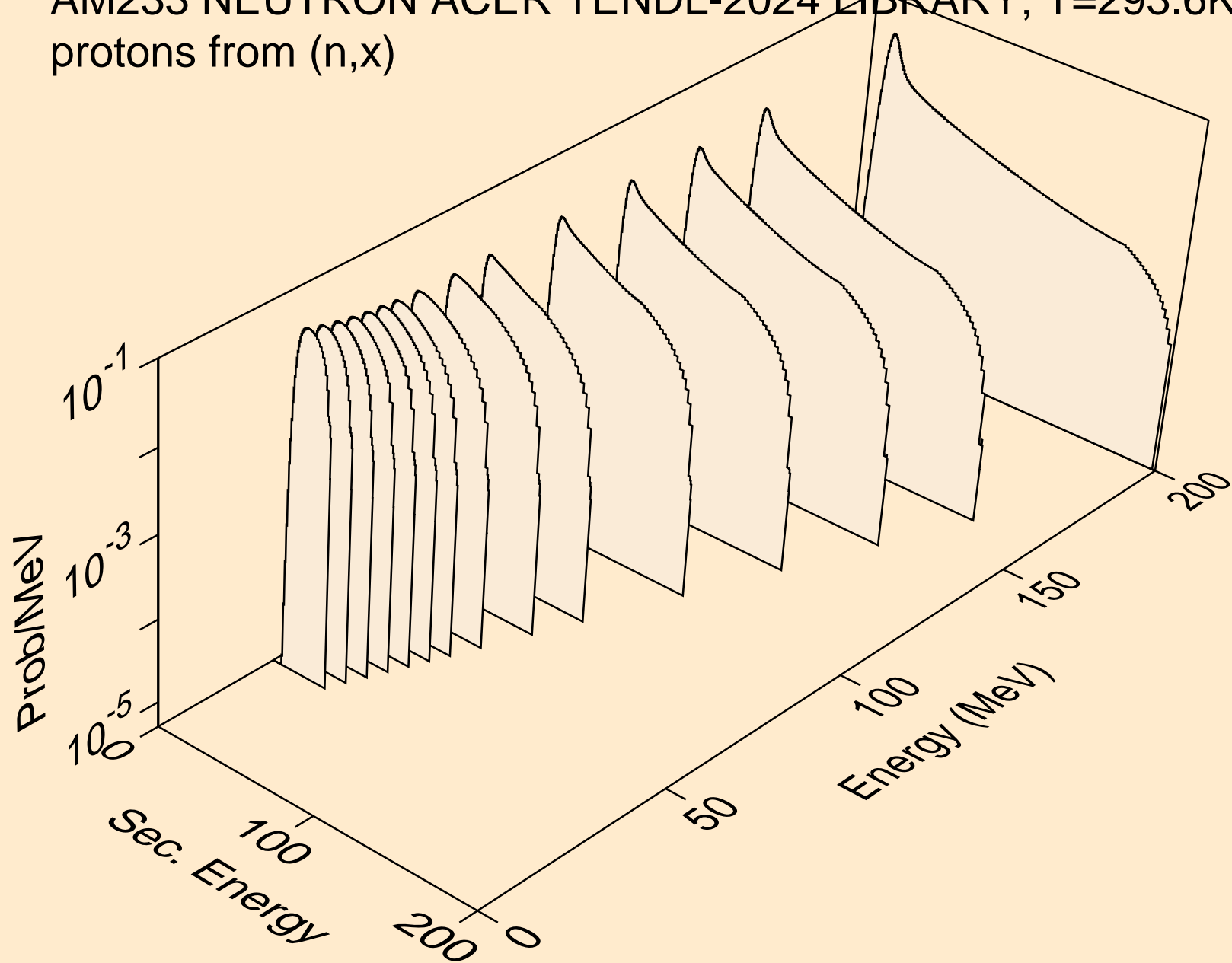


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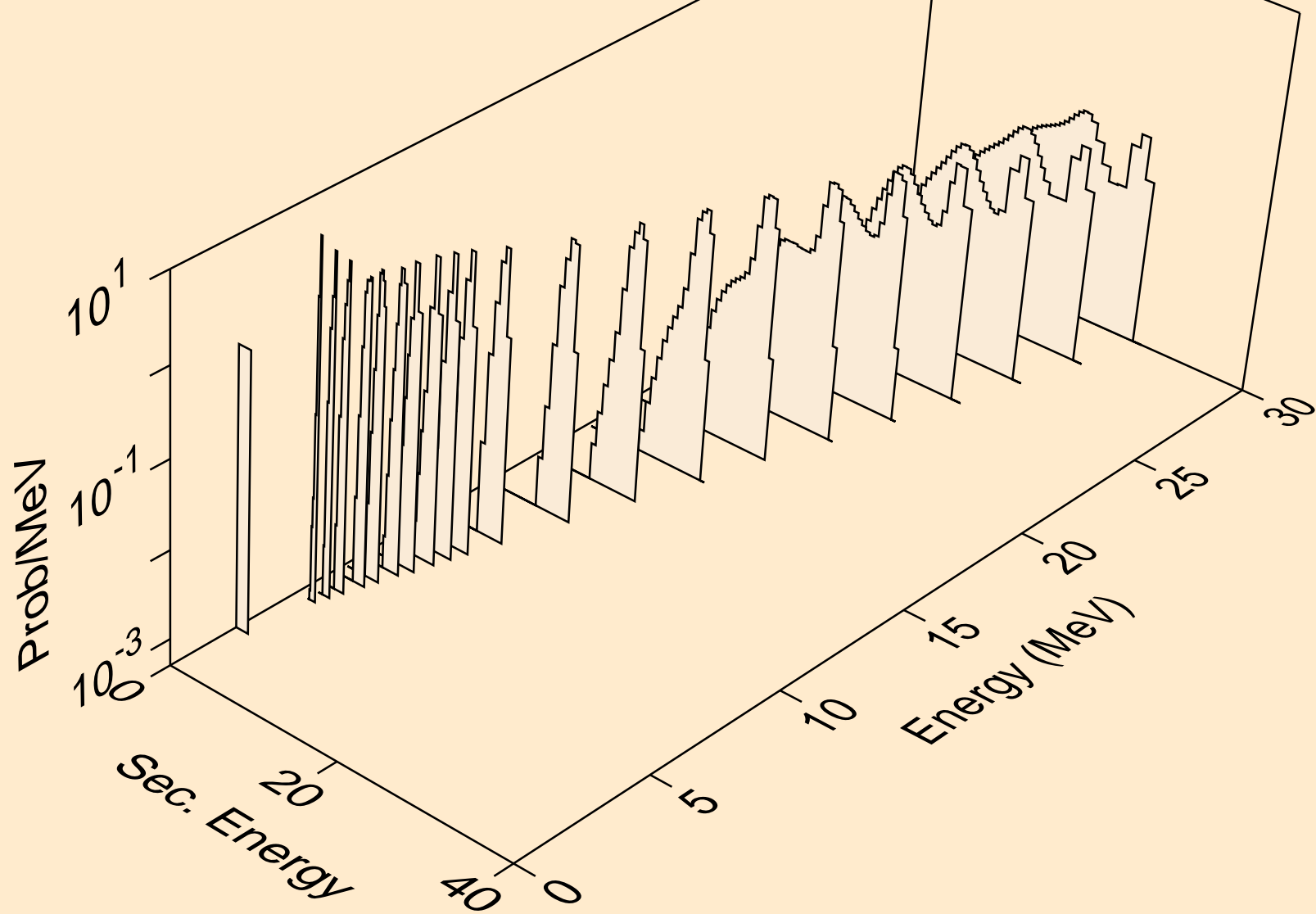
## Particle production cross sections



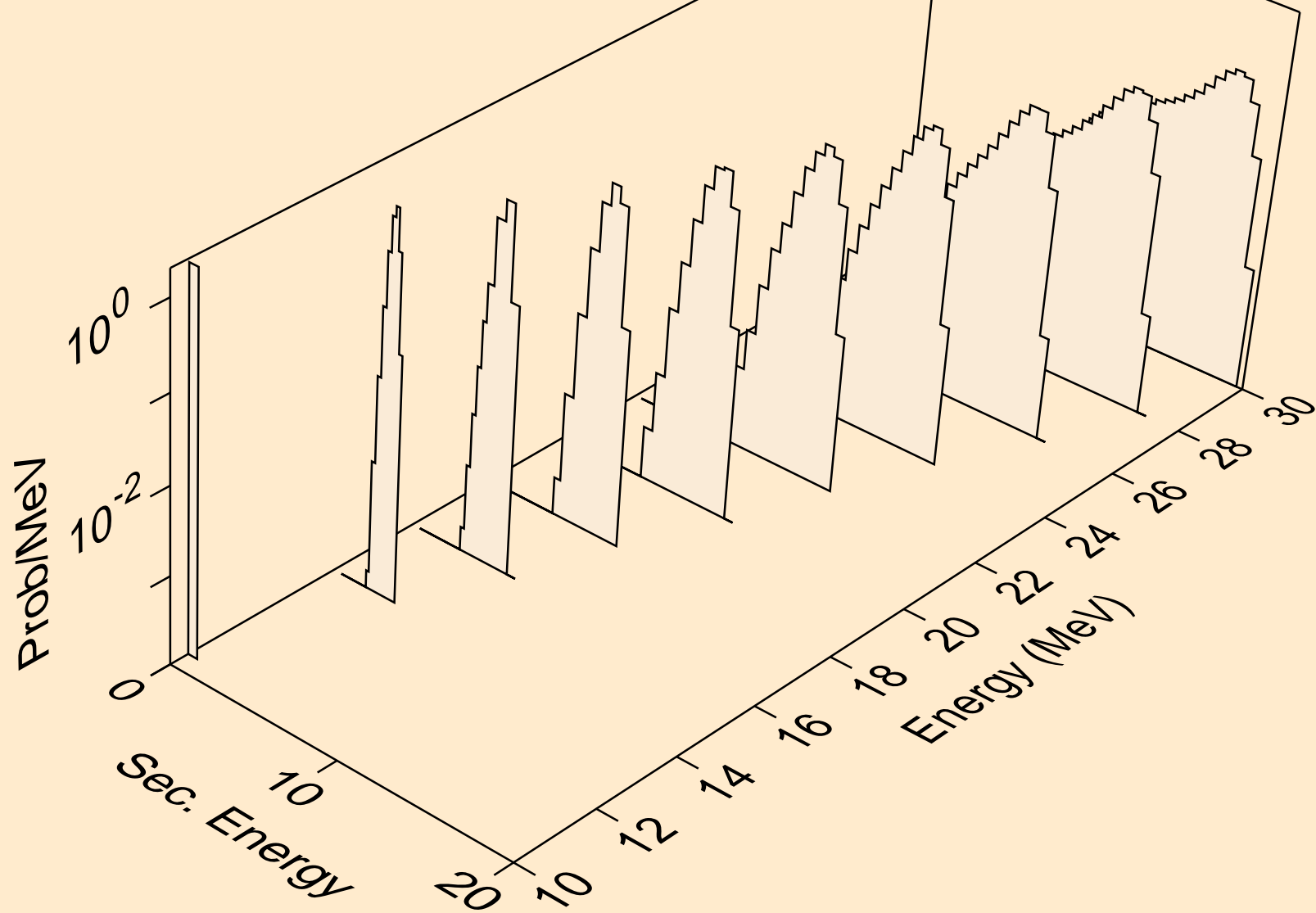
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



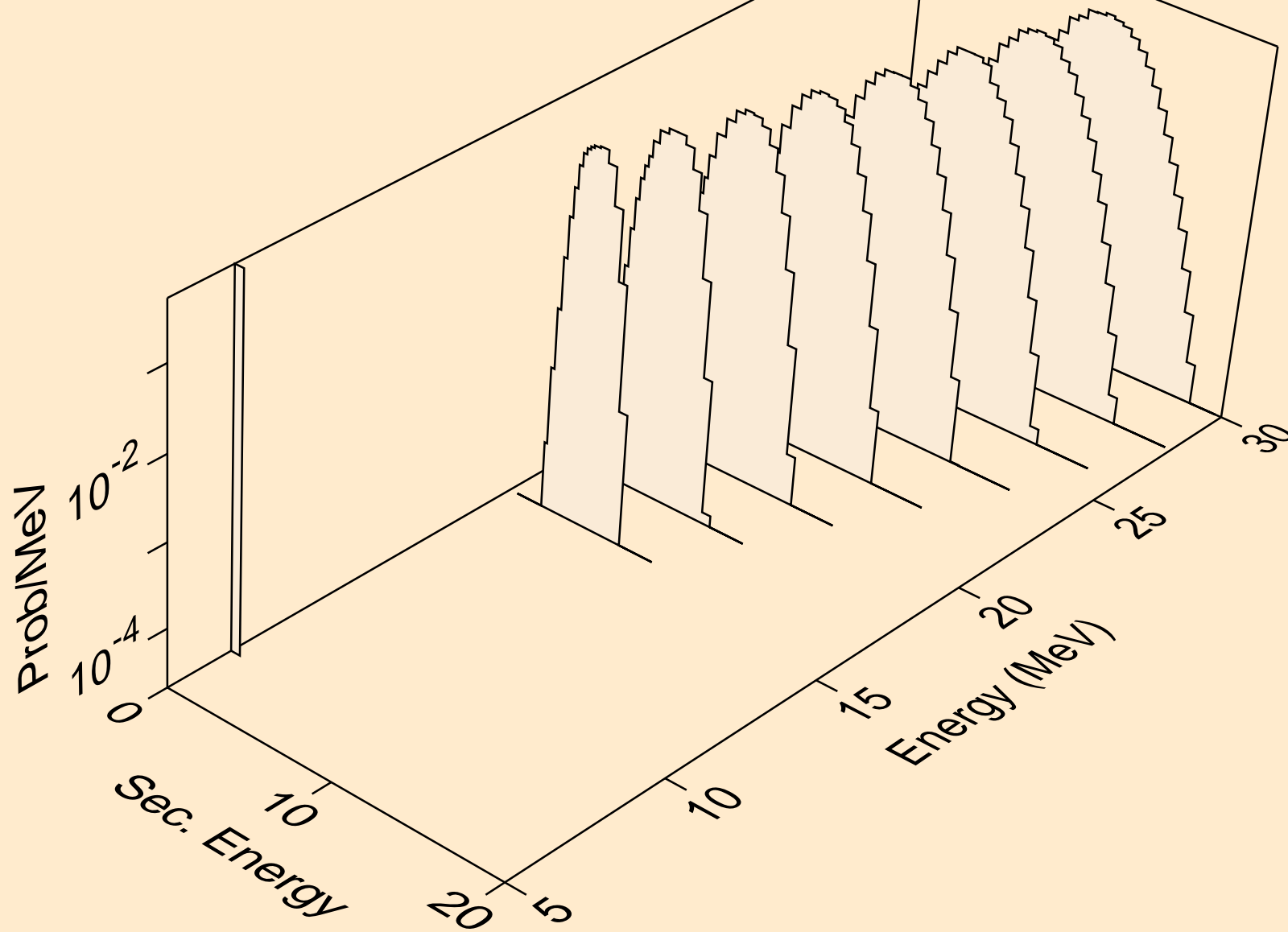
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



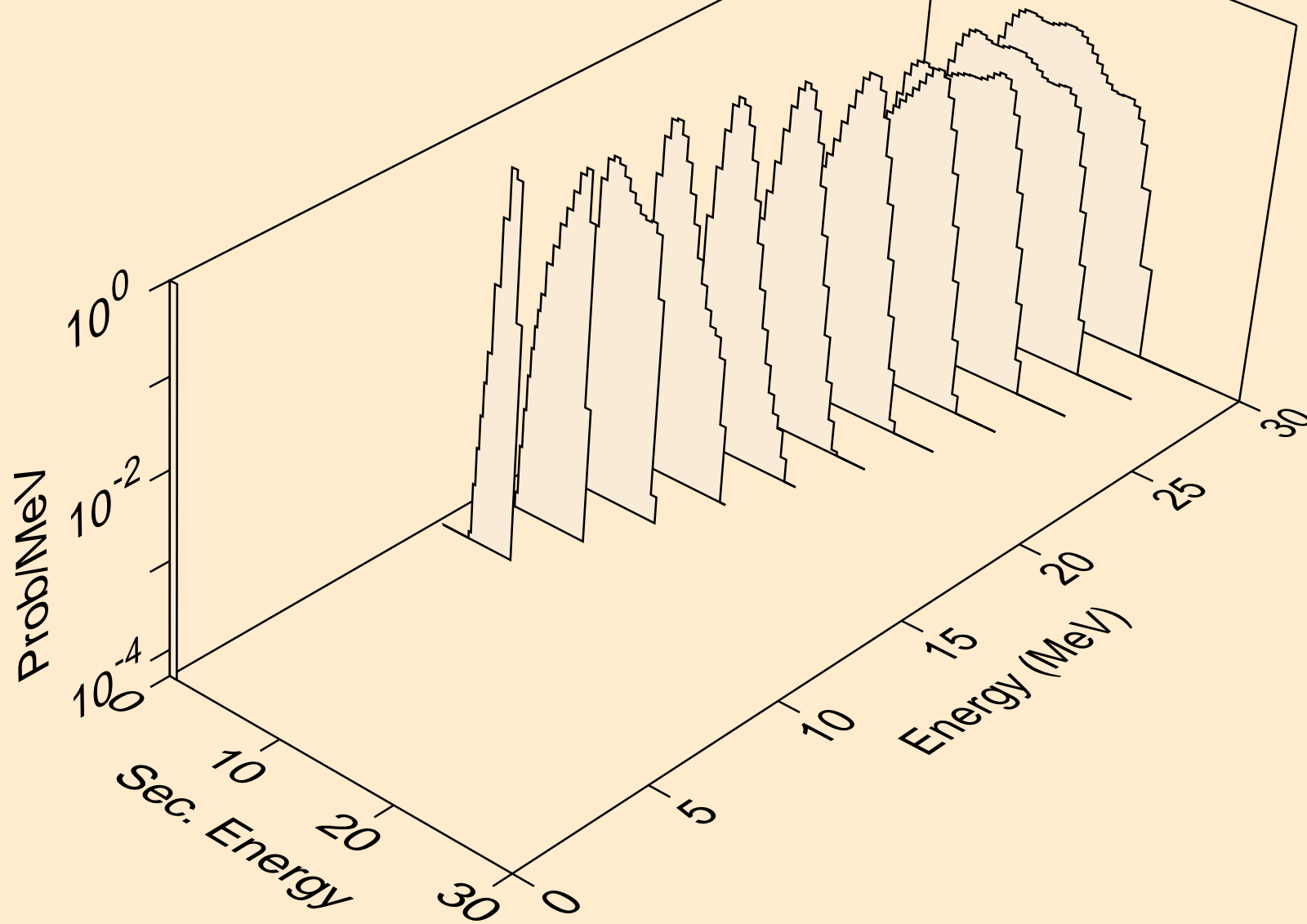
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



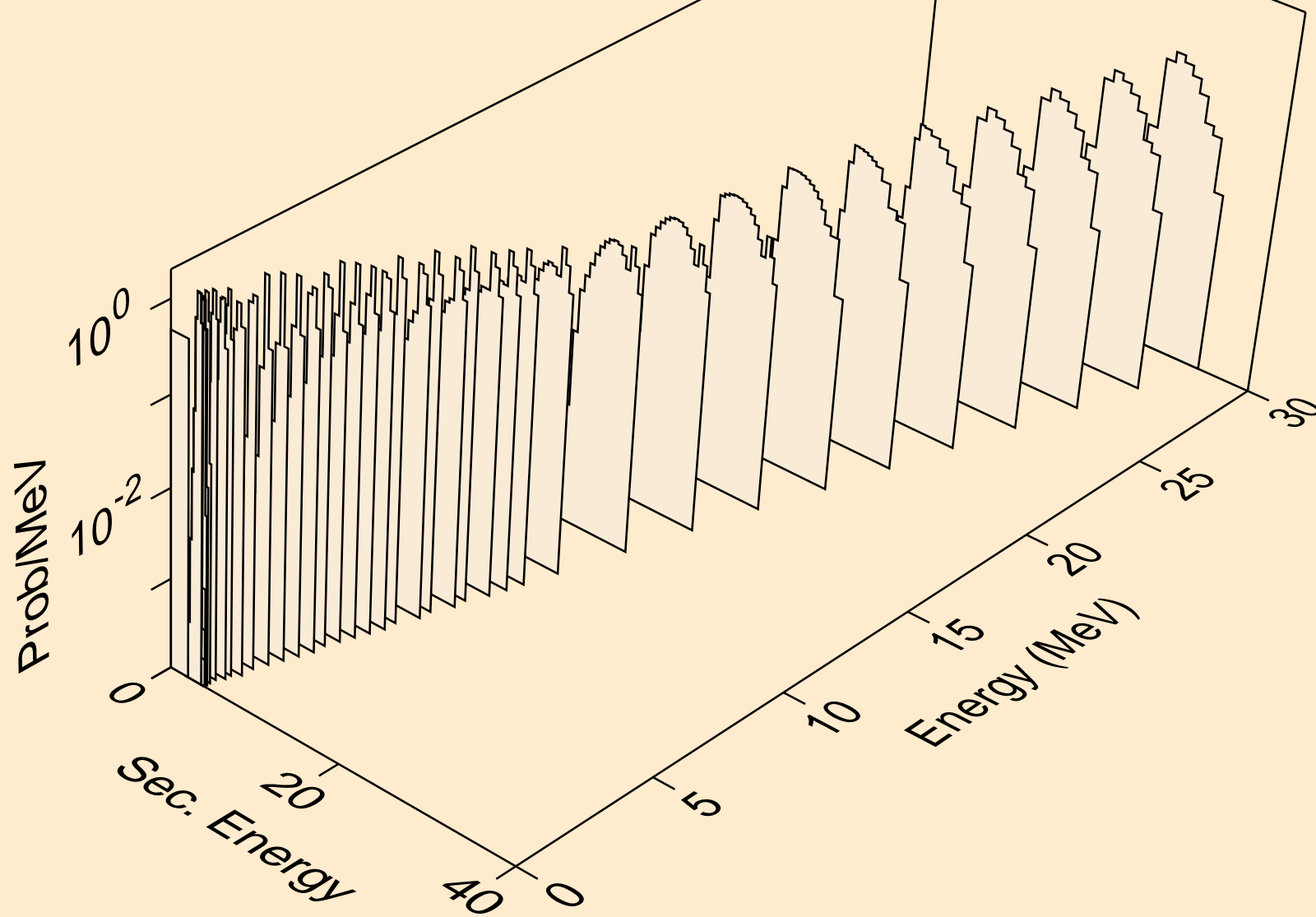
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protons from (n,n2p)



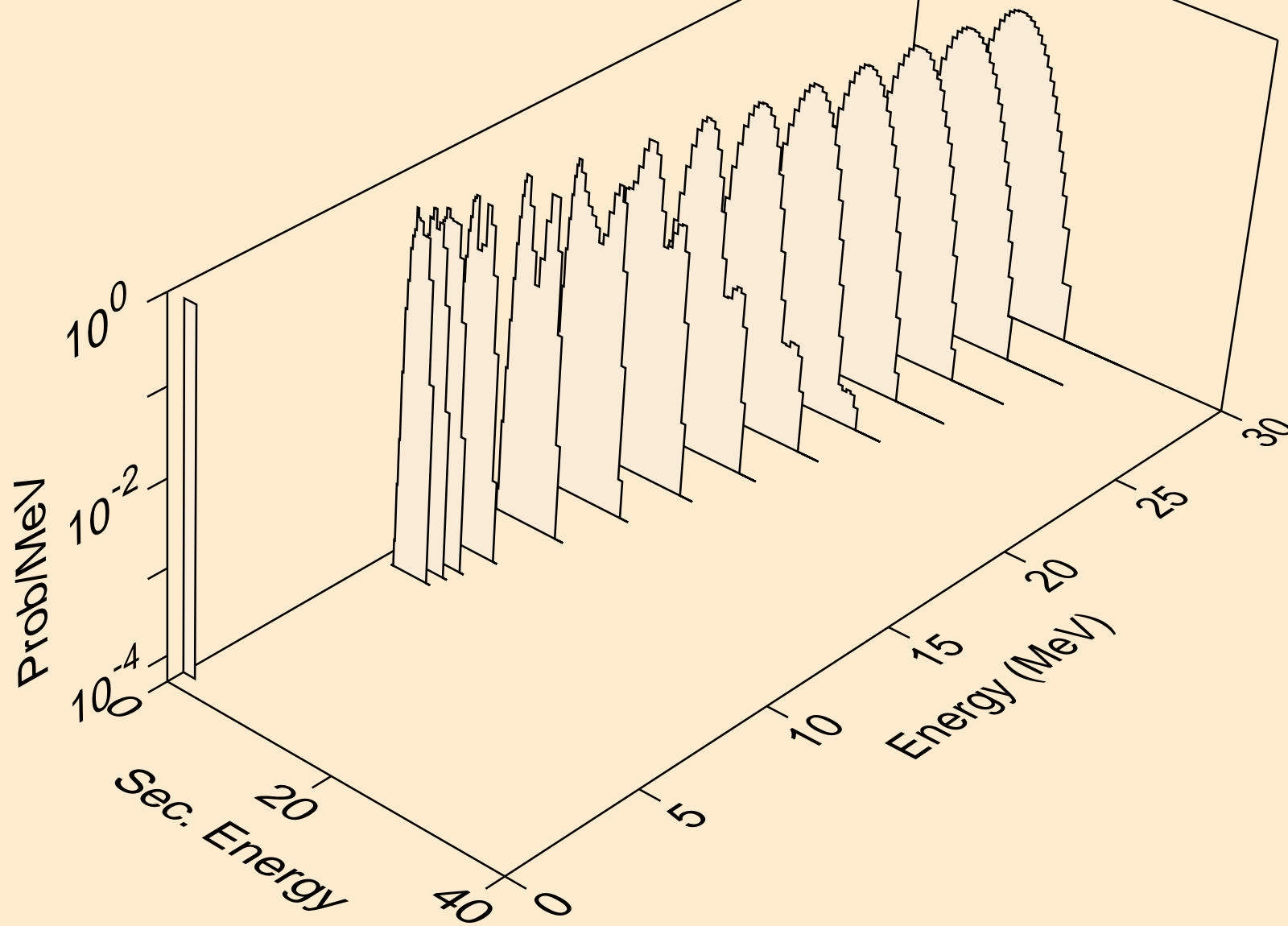
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protons from (n,npa)



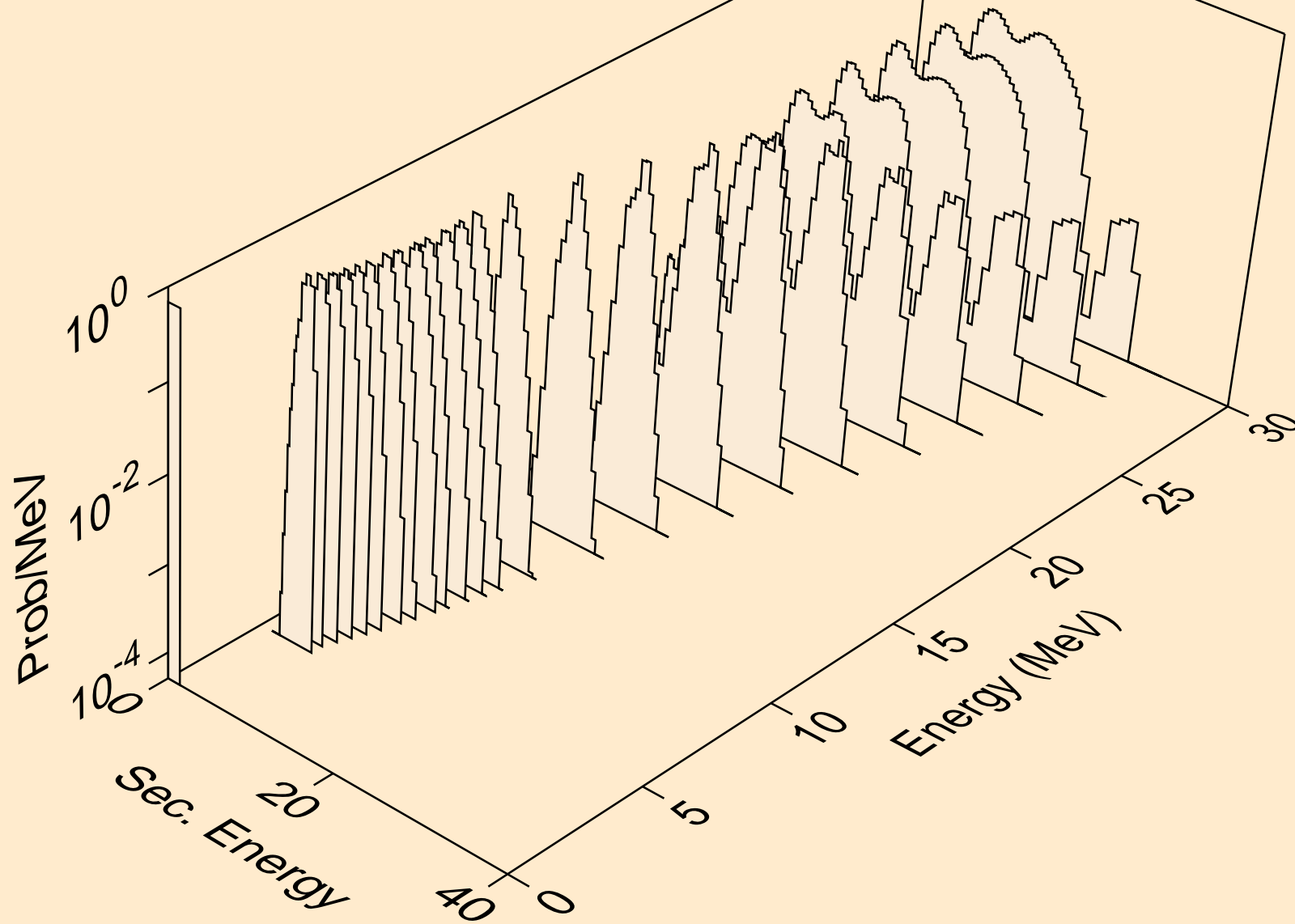
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protons from (n,p)



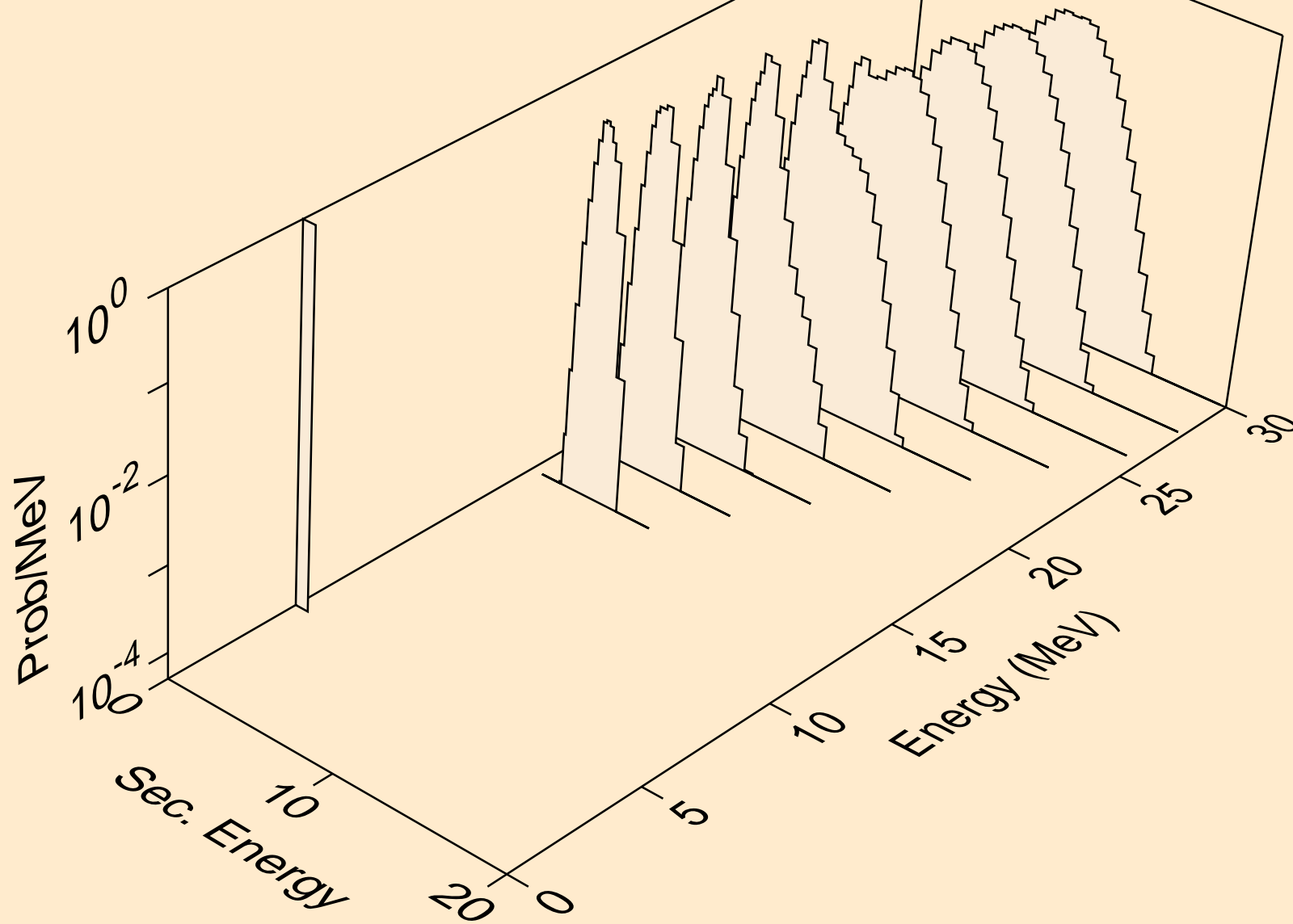
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protons from (n,2p)



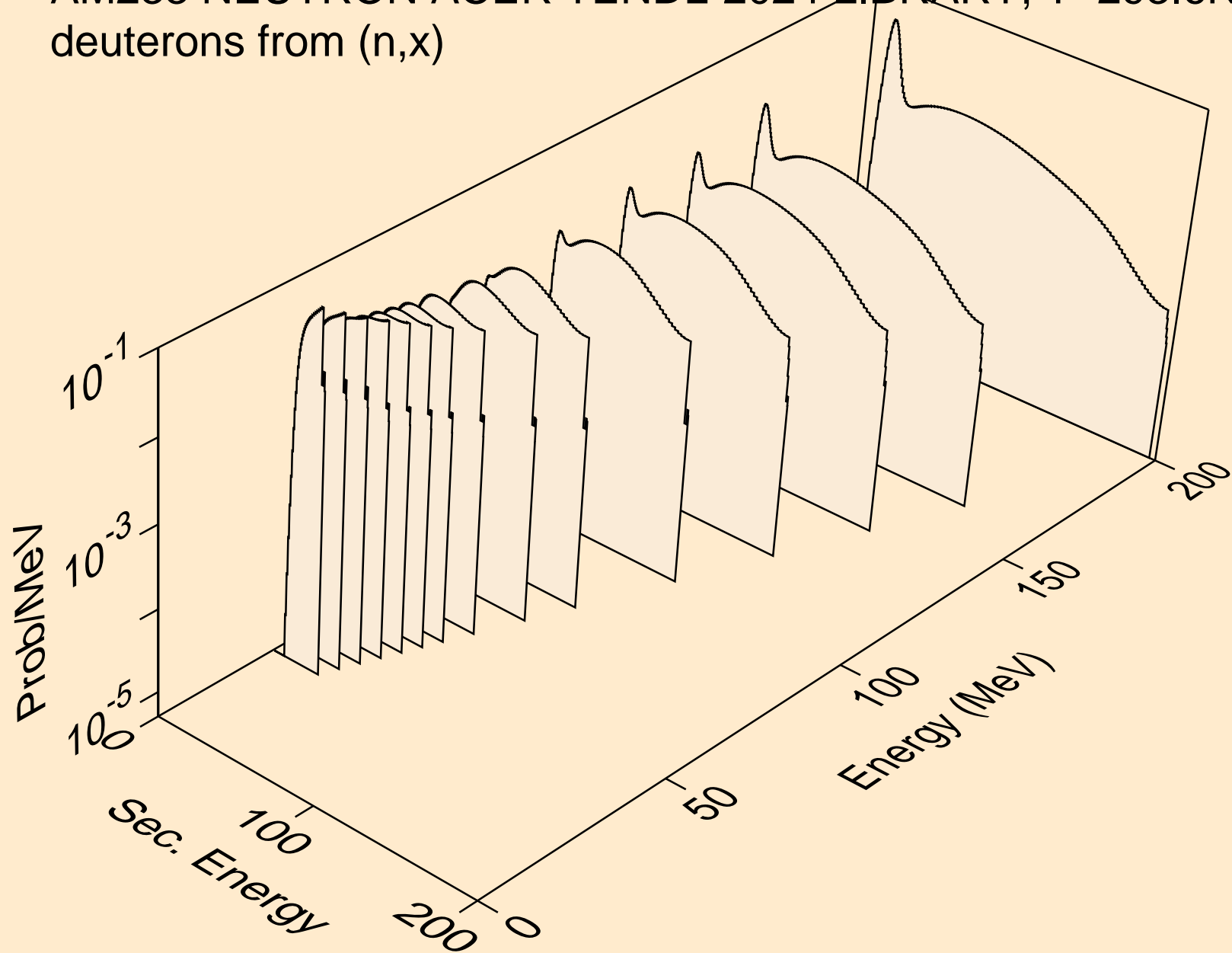
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protons from (n,p)



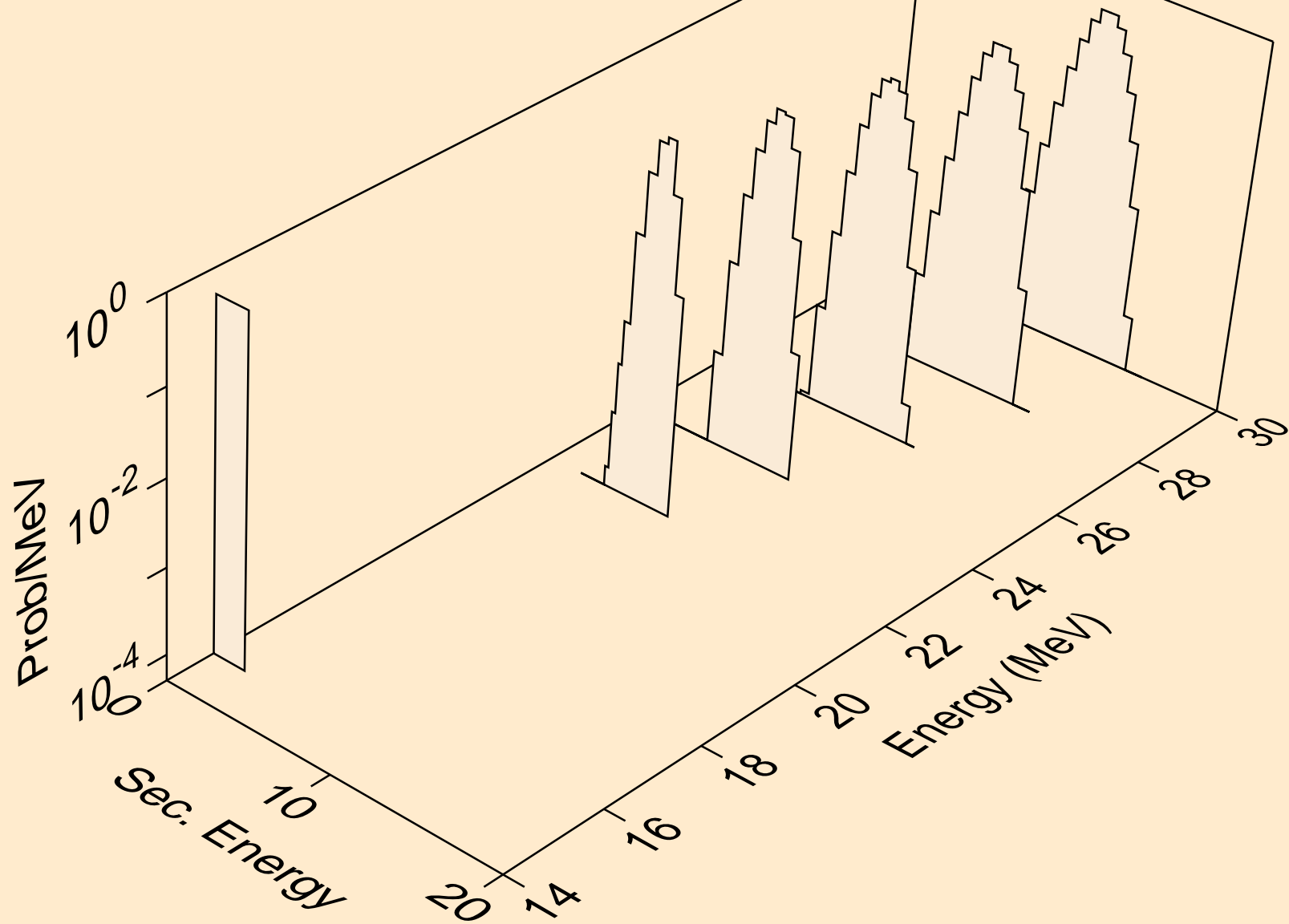
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



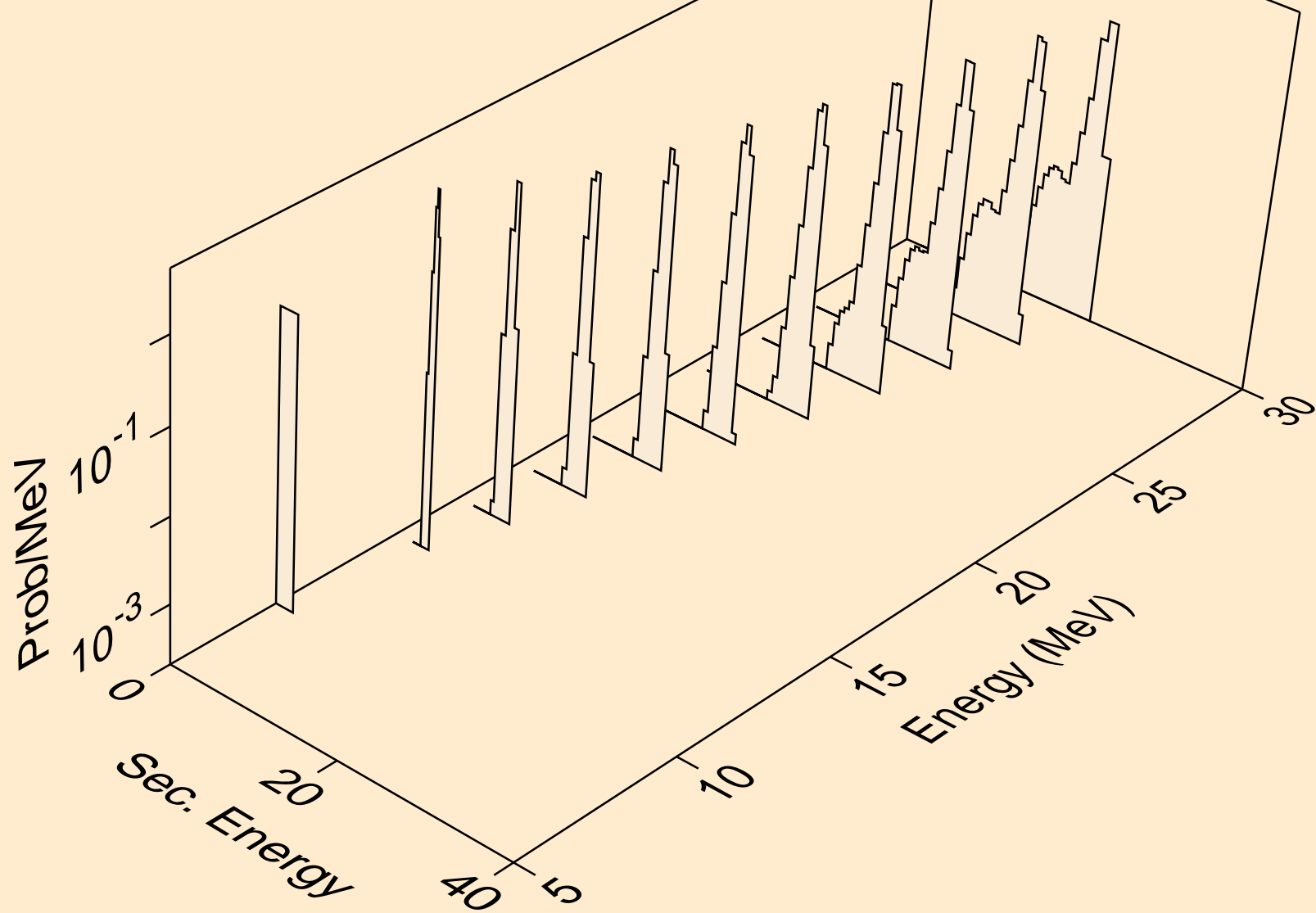
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deuterons from (n,x)



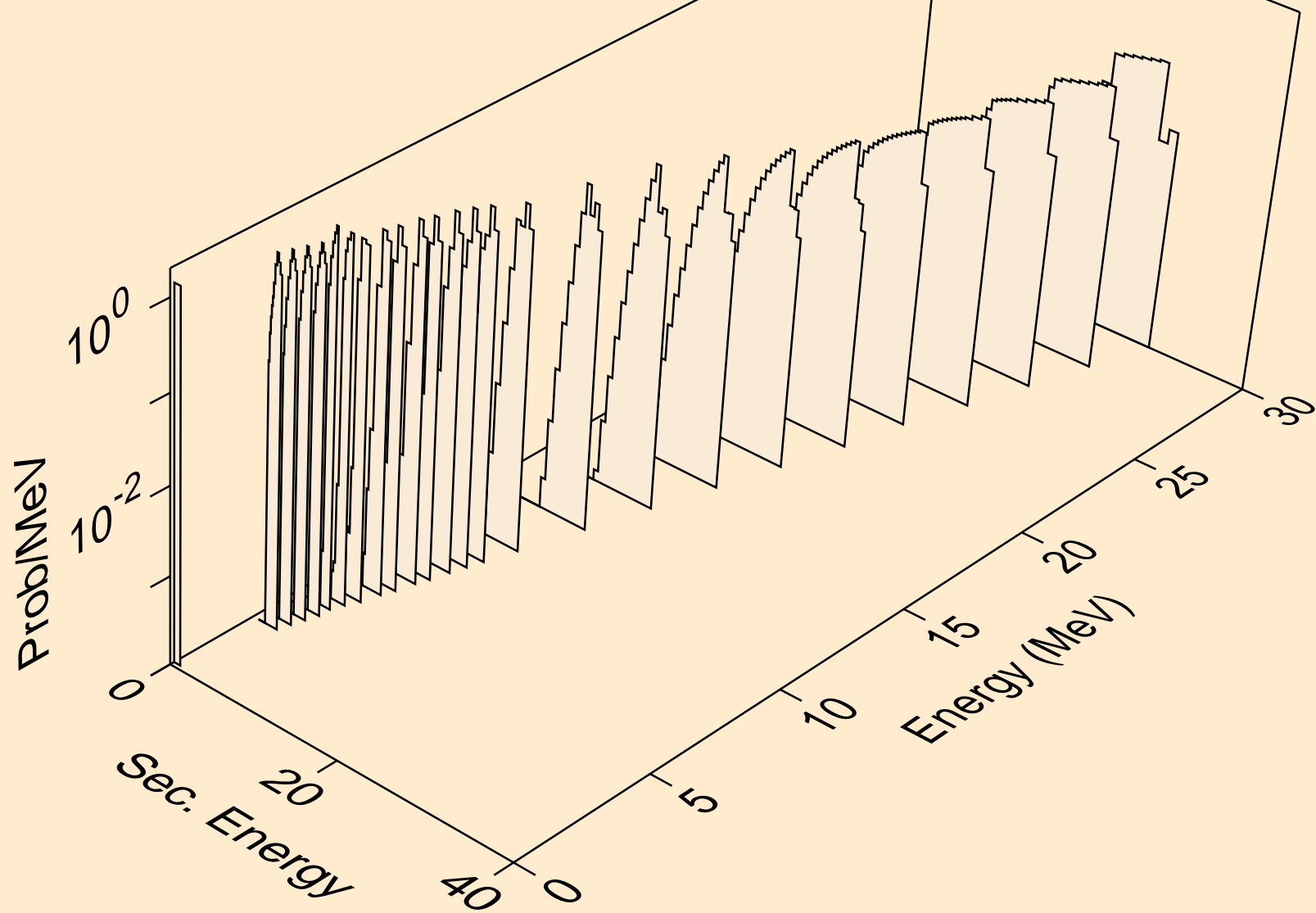
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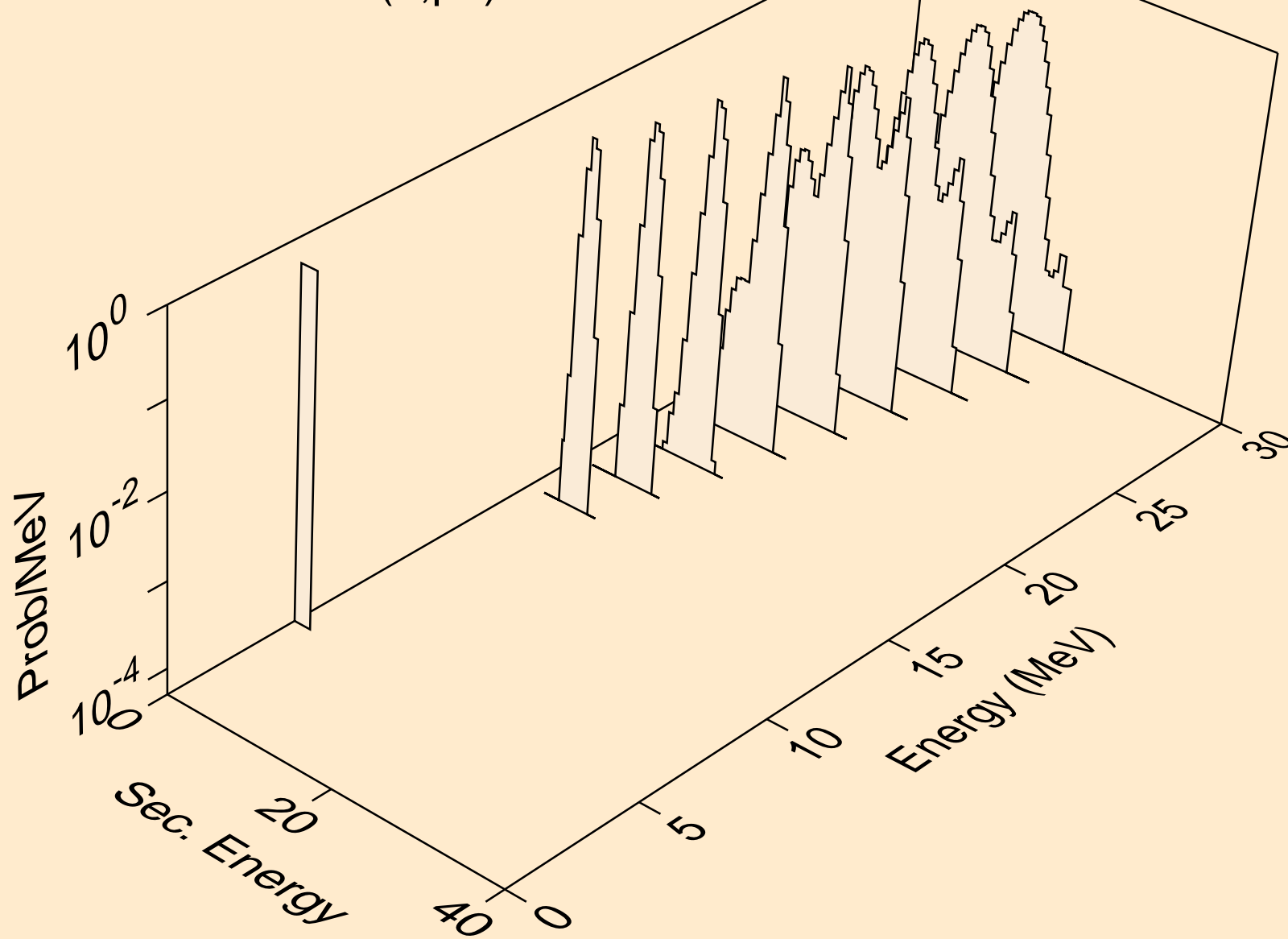
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deuterons from (n,n\*)d



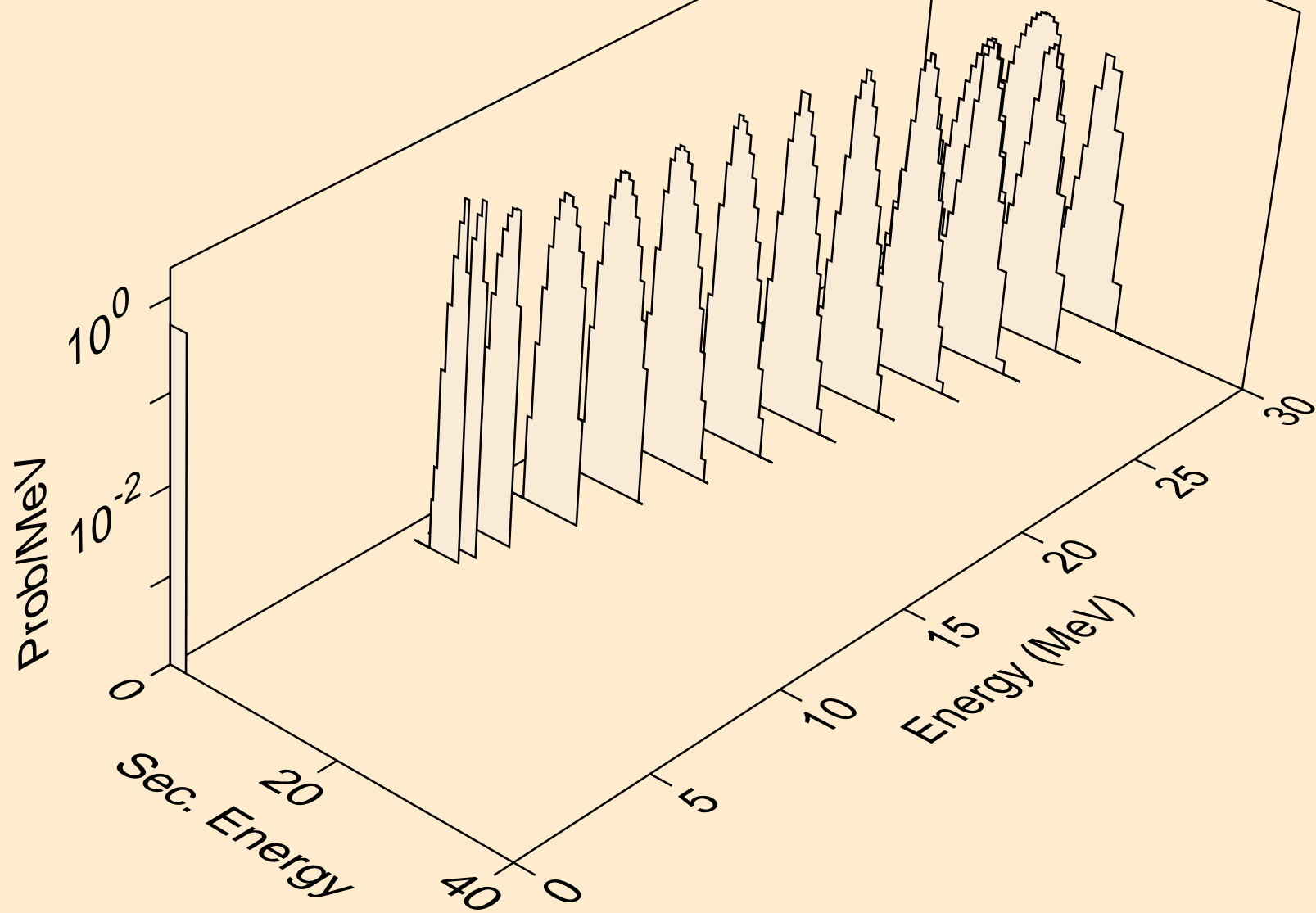
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deuterons from (n,d)



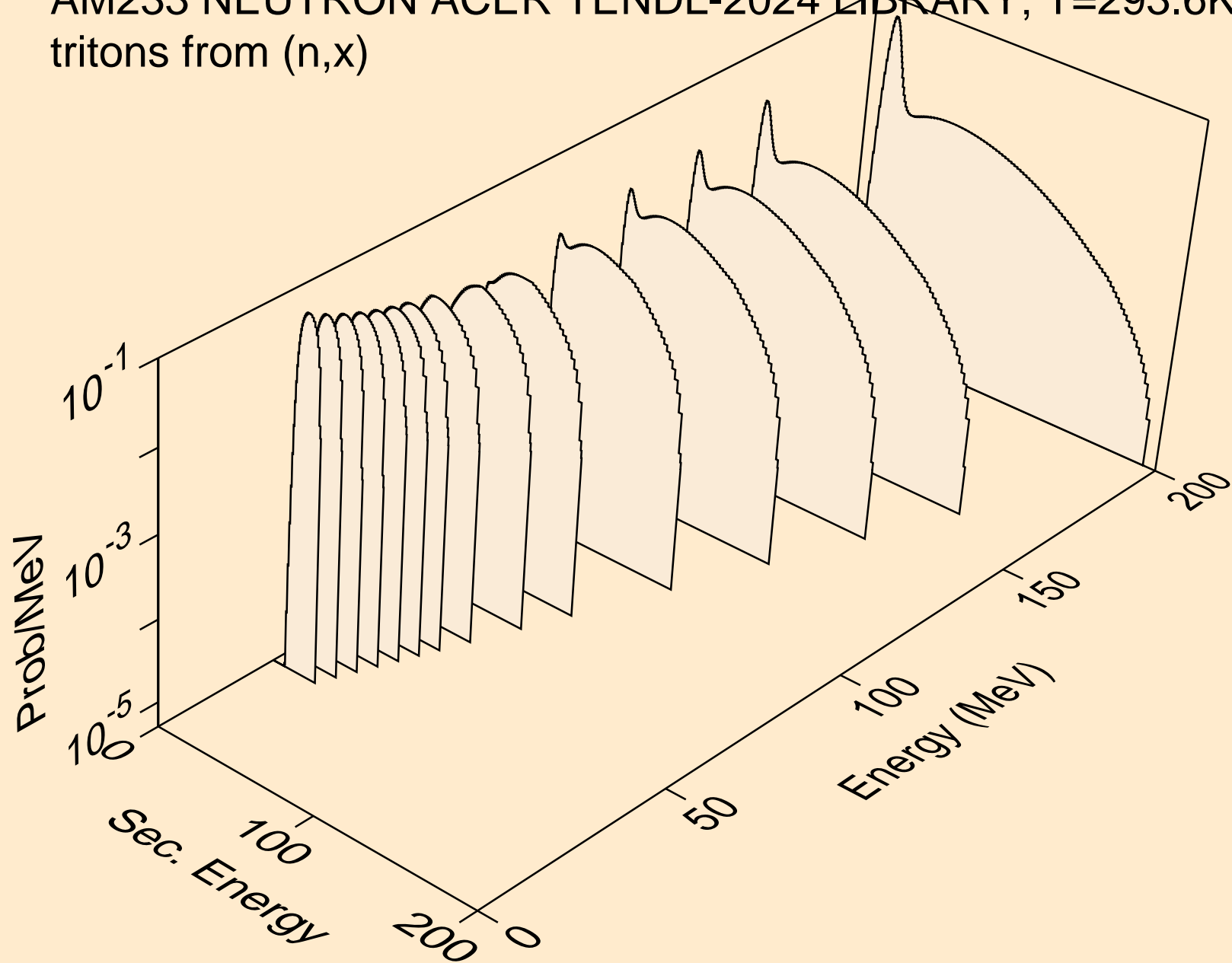
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deuterons from (n,pd)



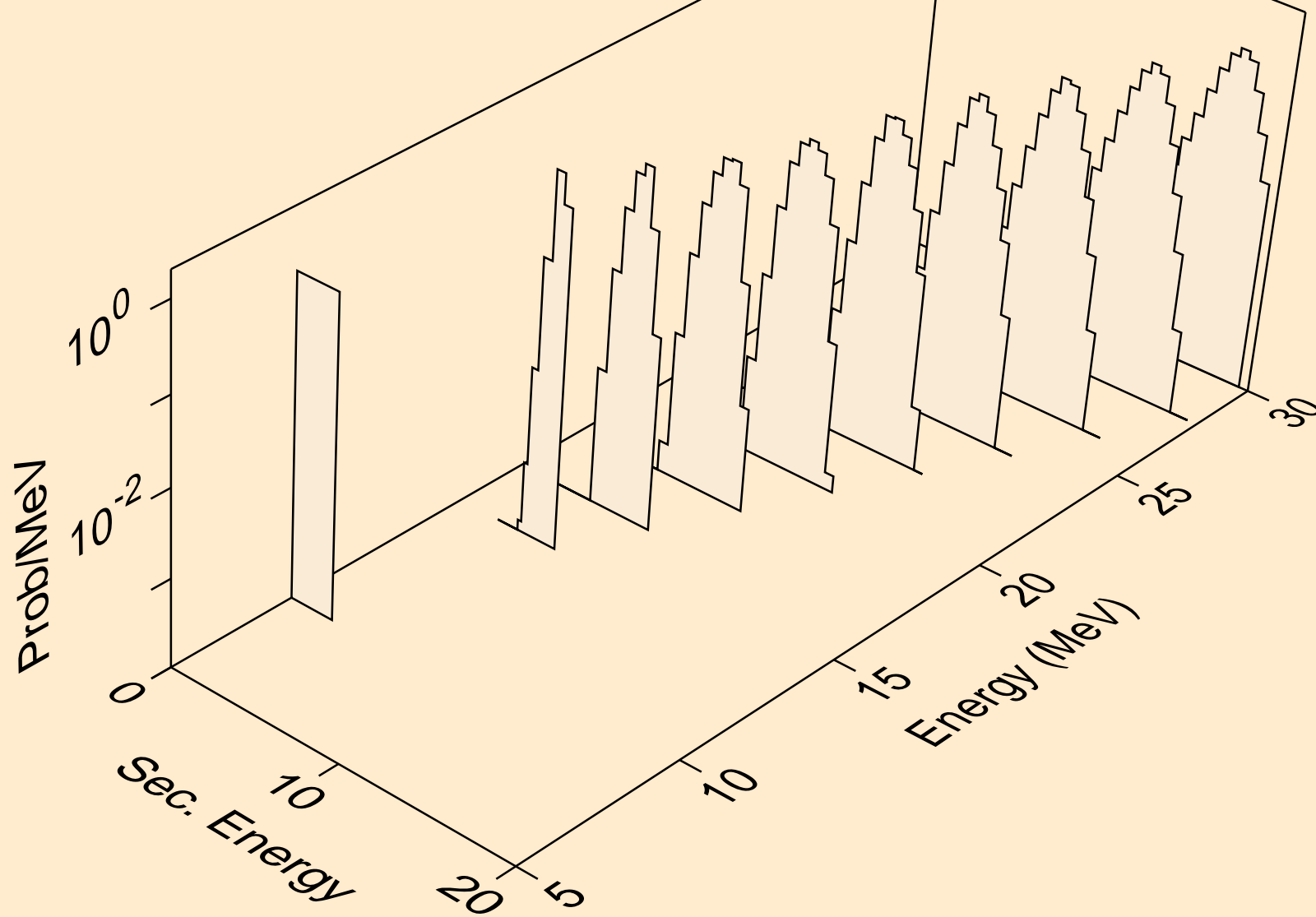
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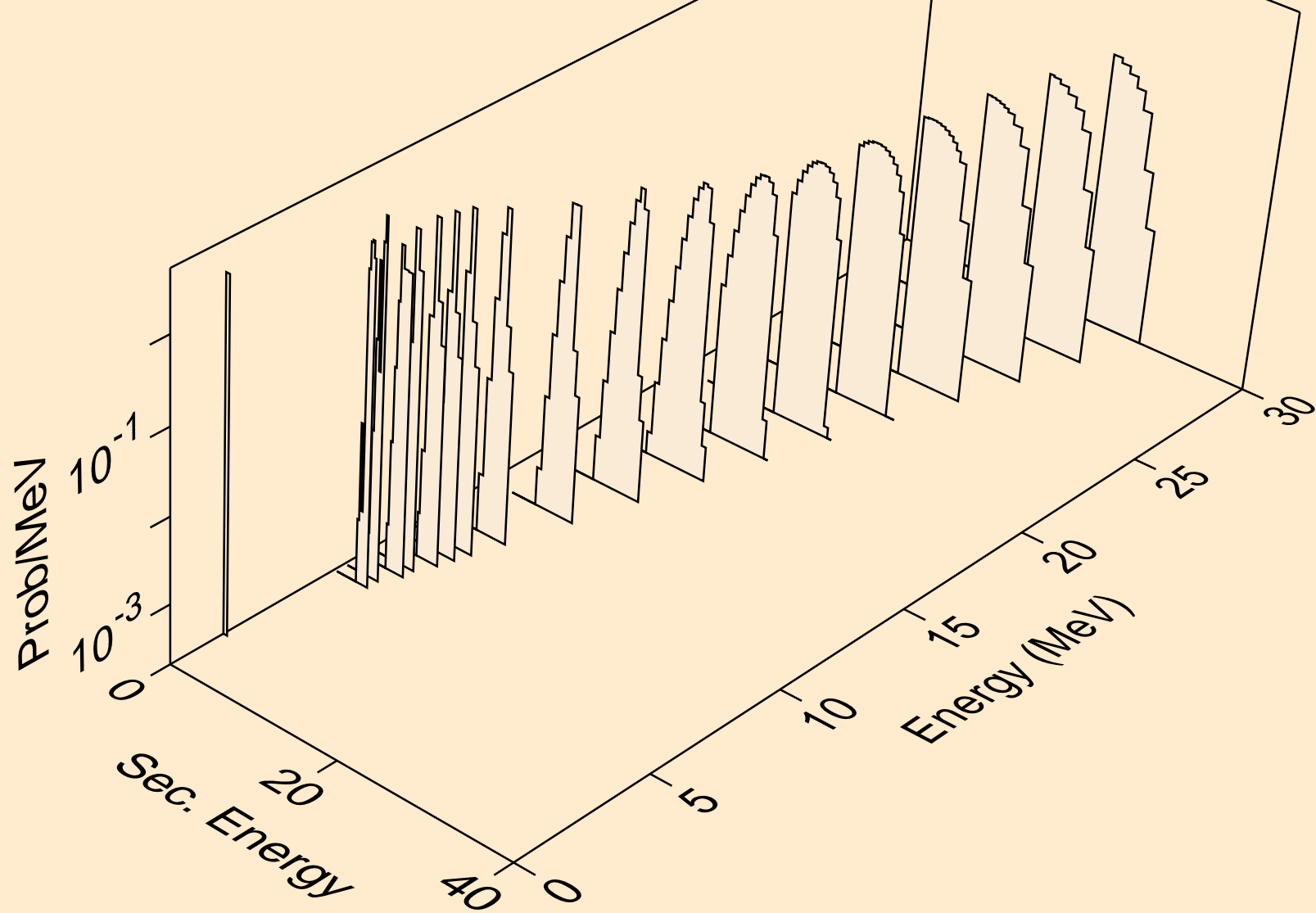
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



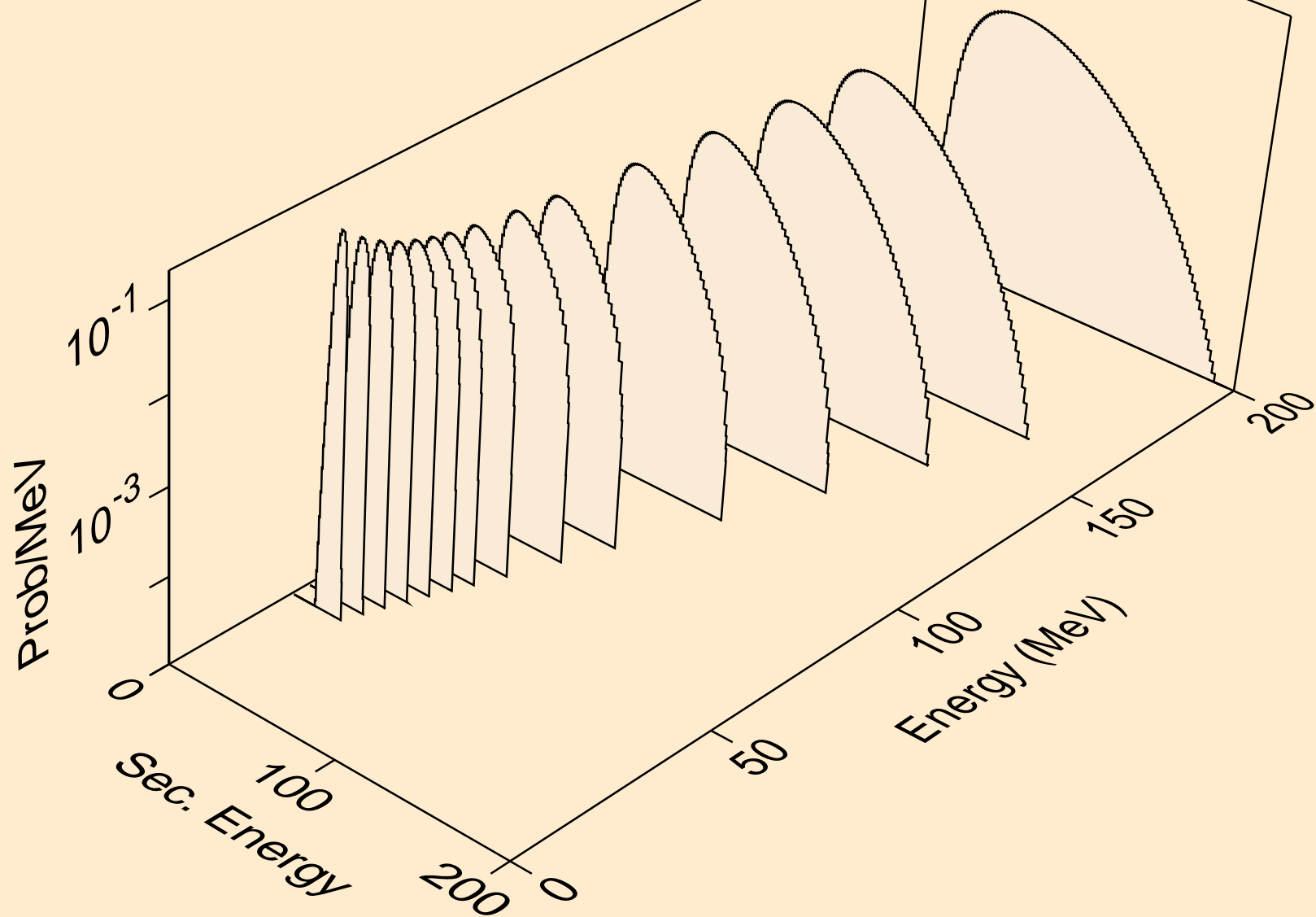
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



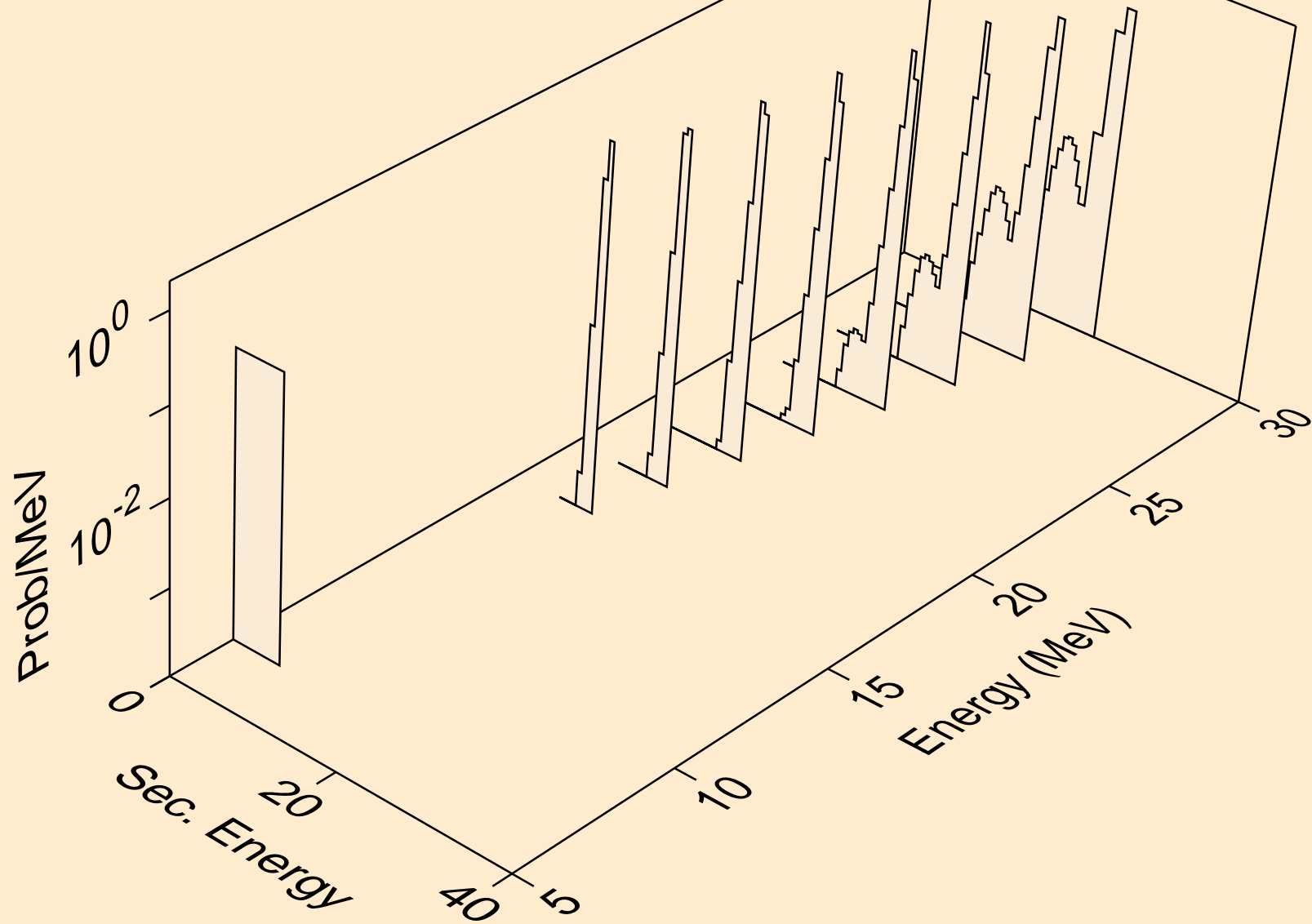
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tritons from (n,t)



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



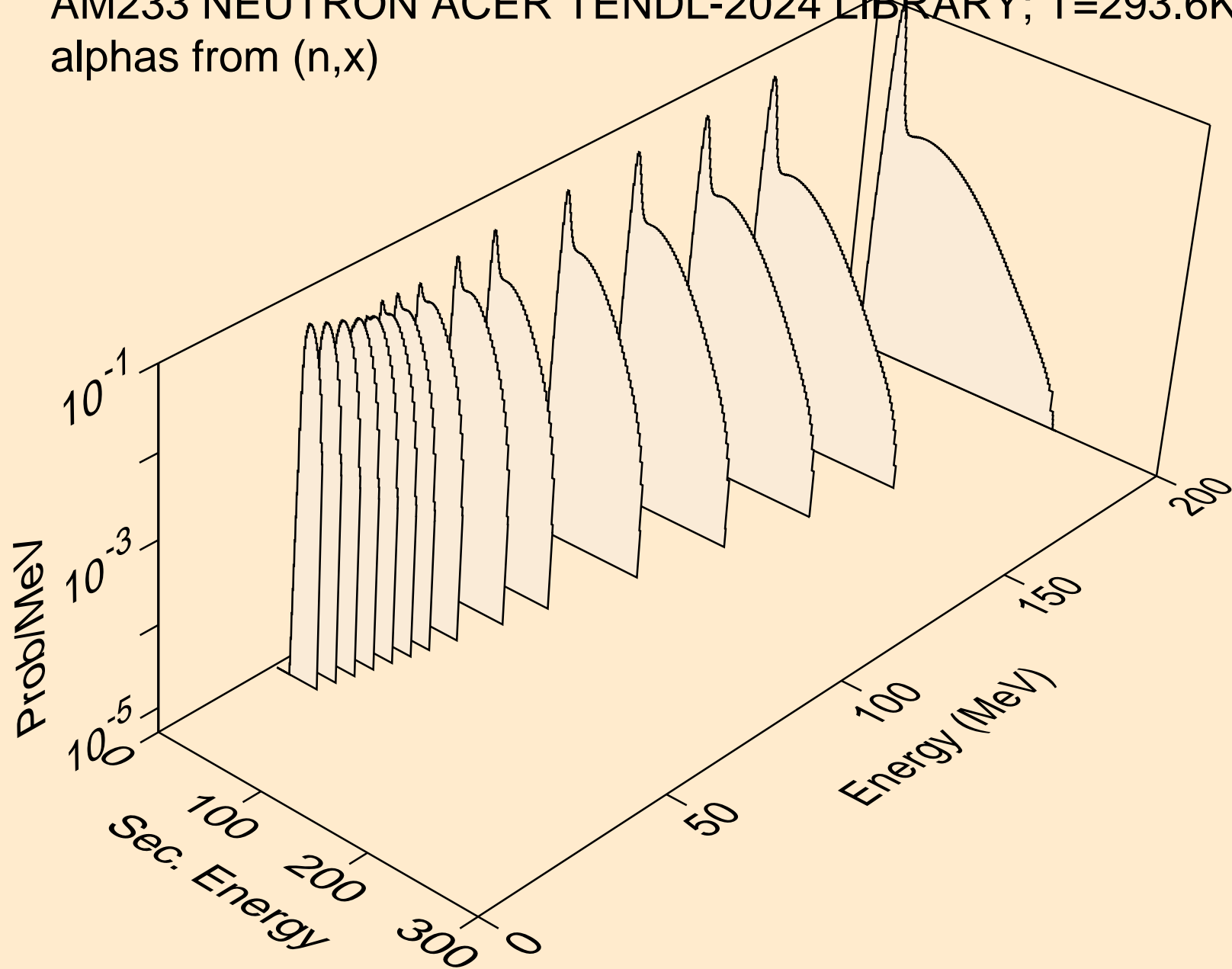
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he3s from (n,n\*)he3



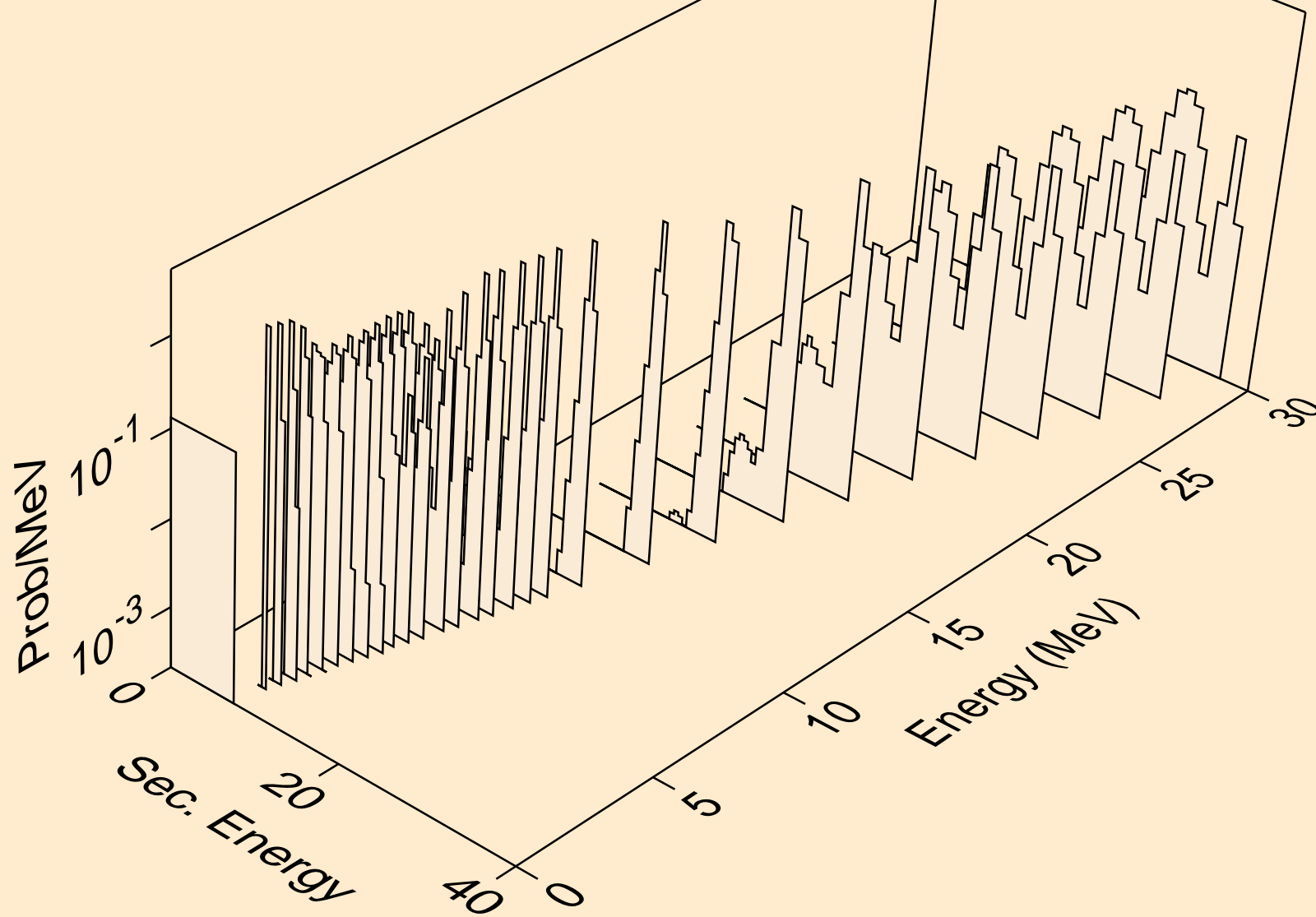
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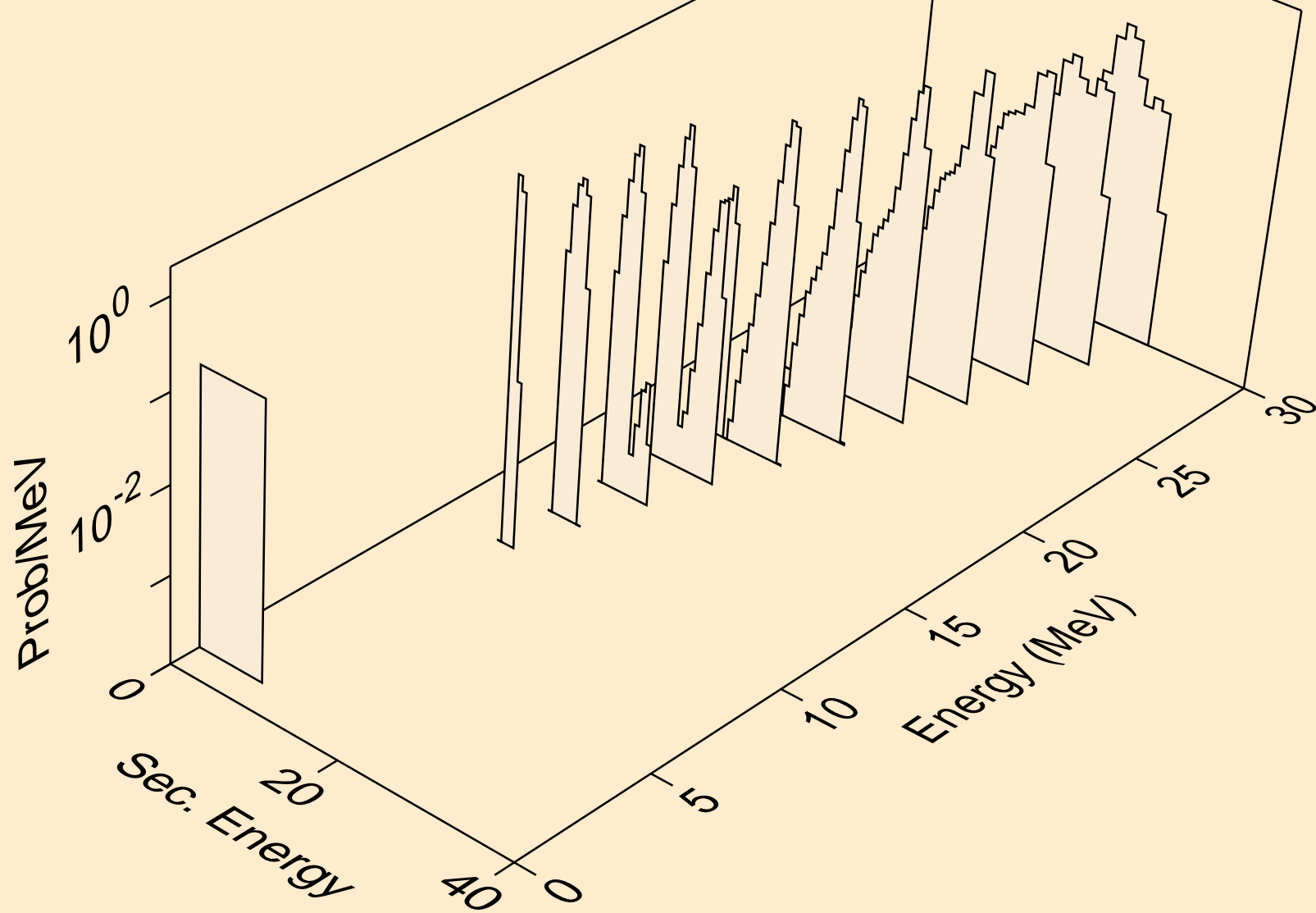
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



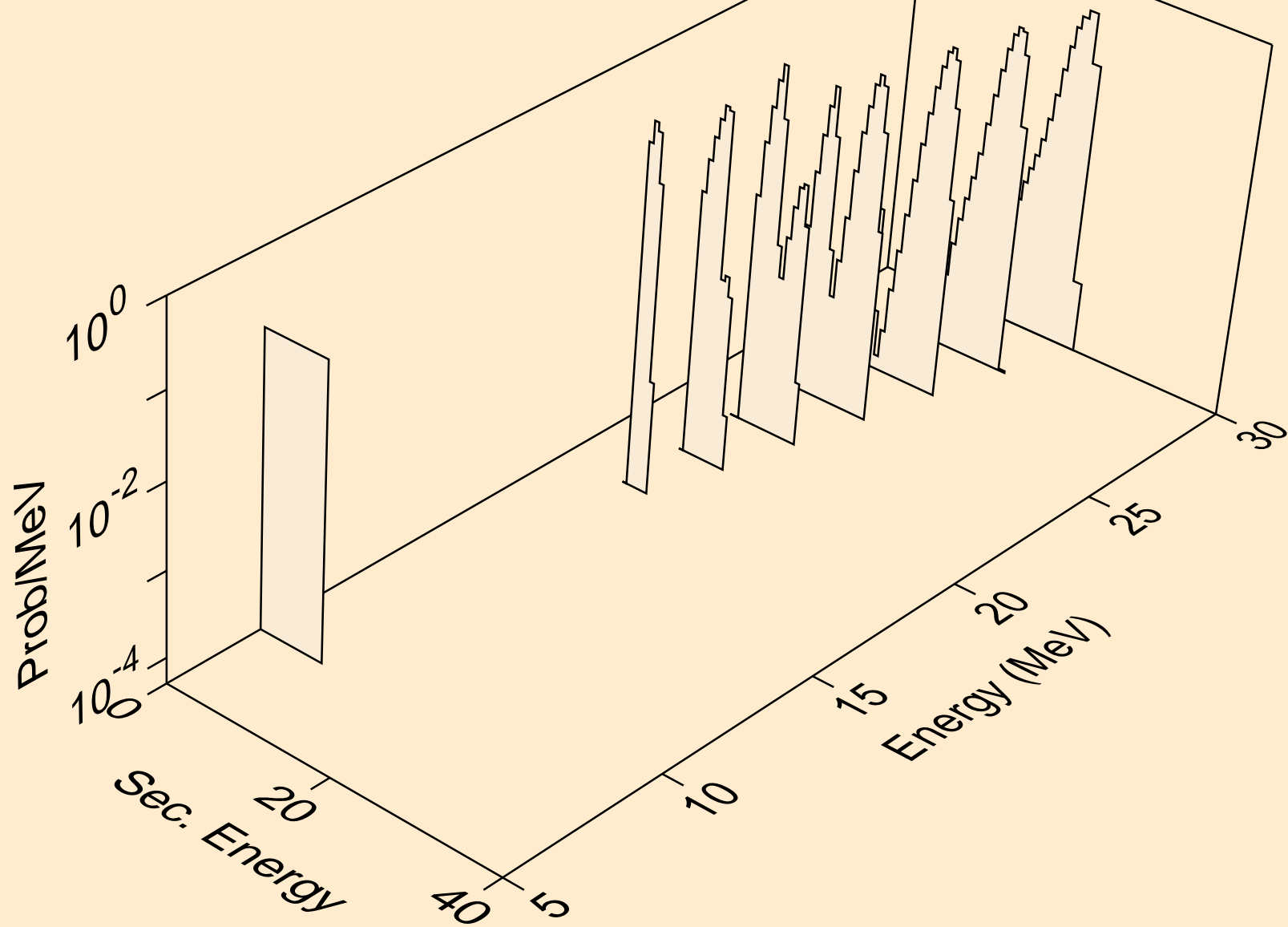
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



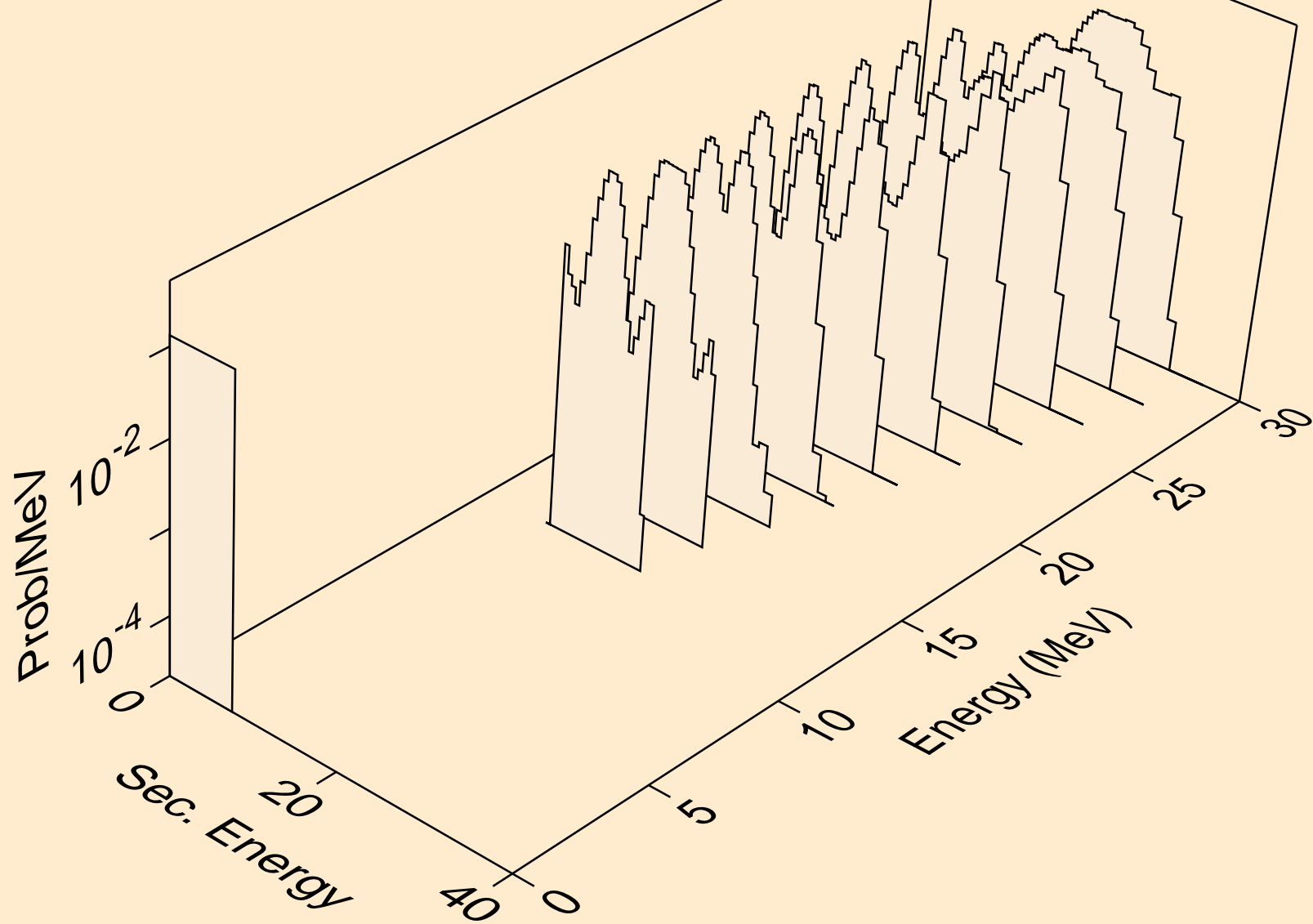
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



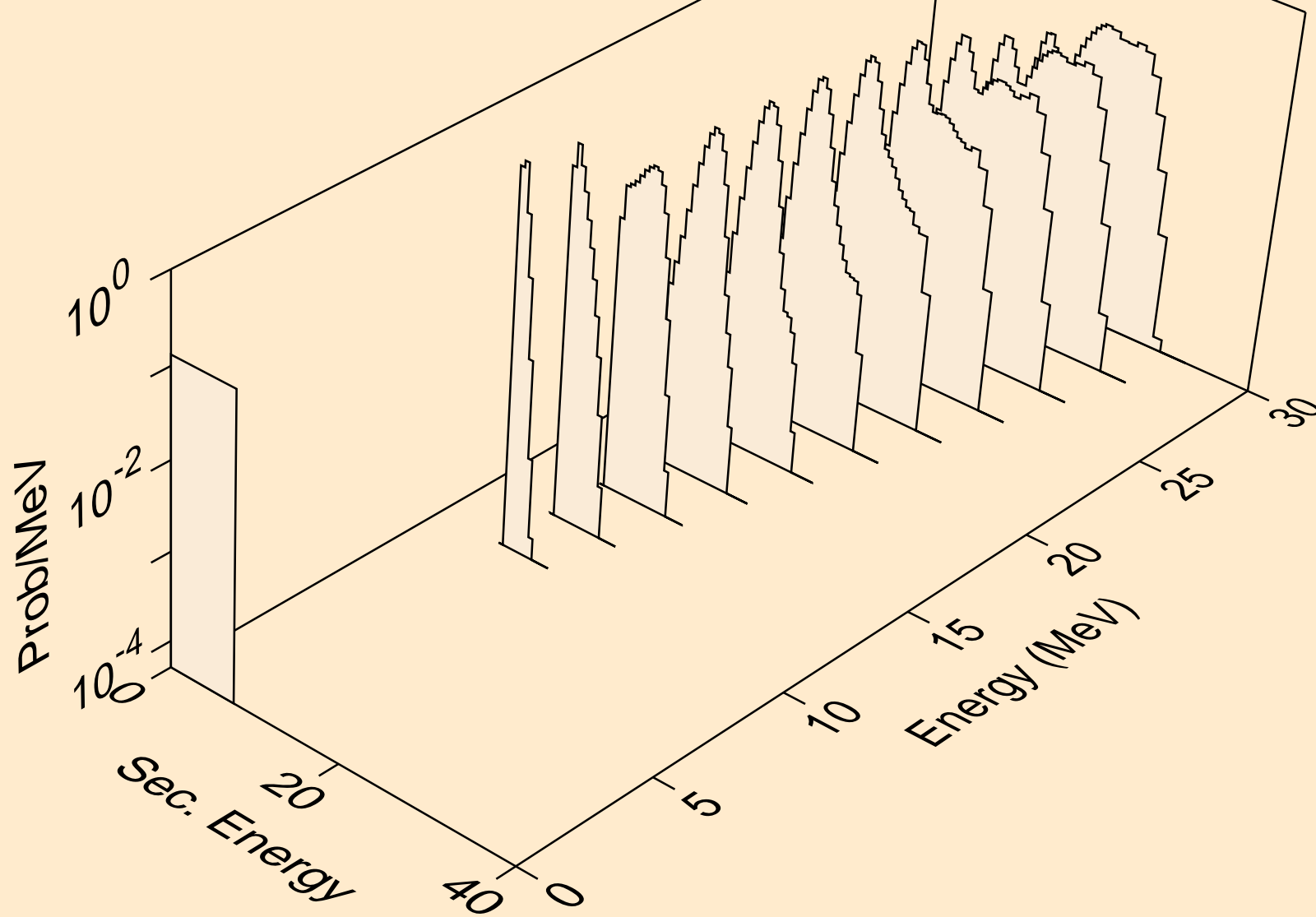
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



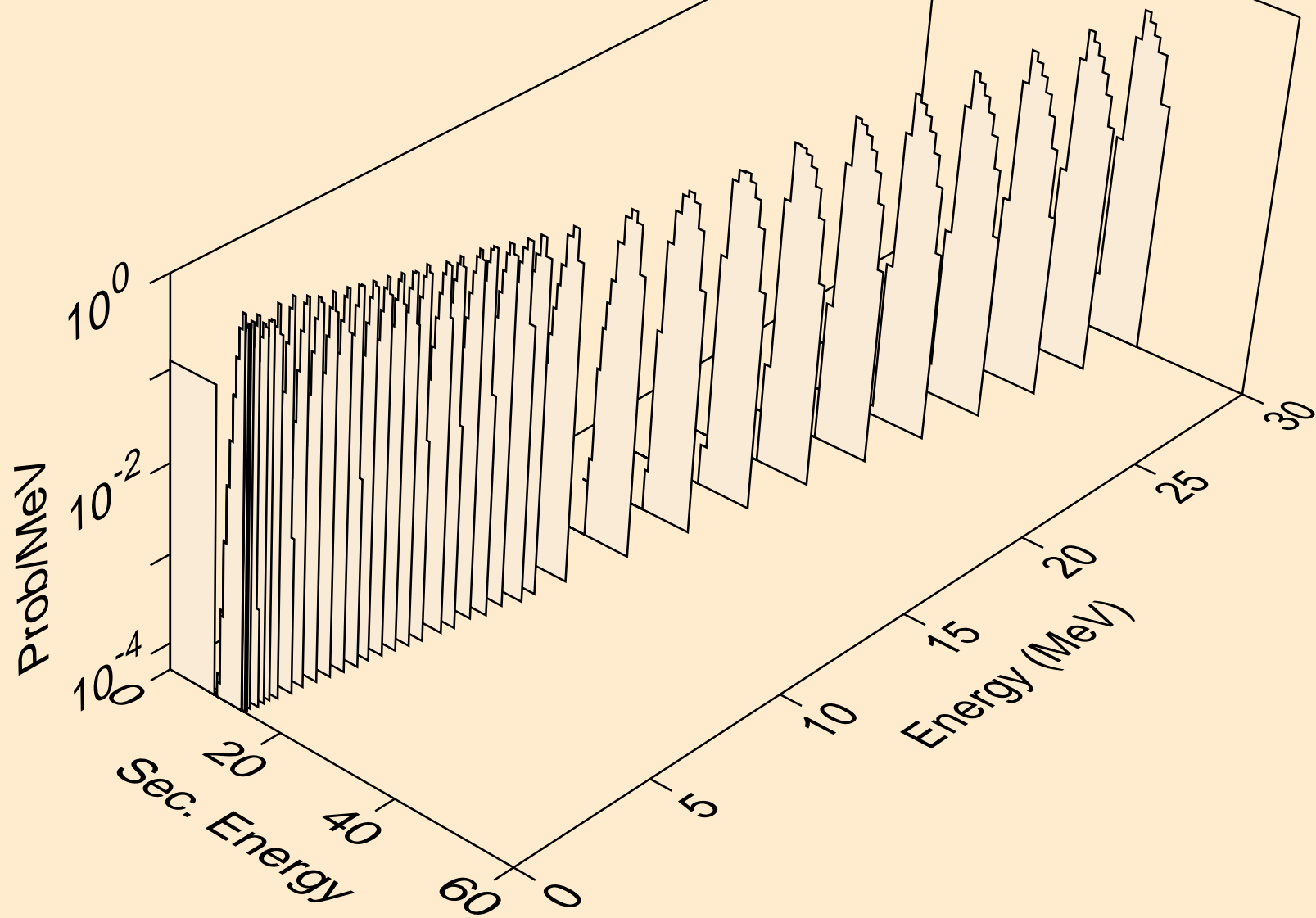
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alphas from (n,n\*)2a



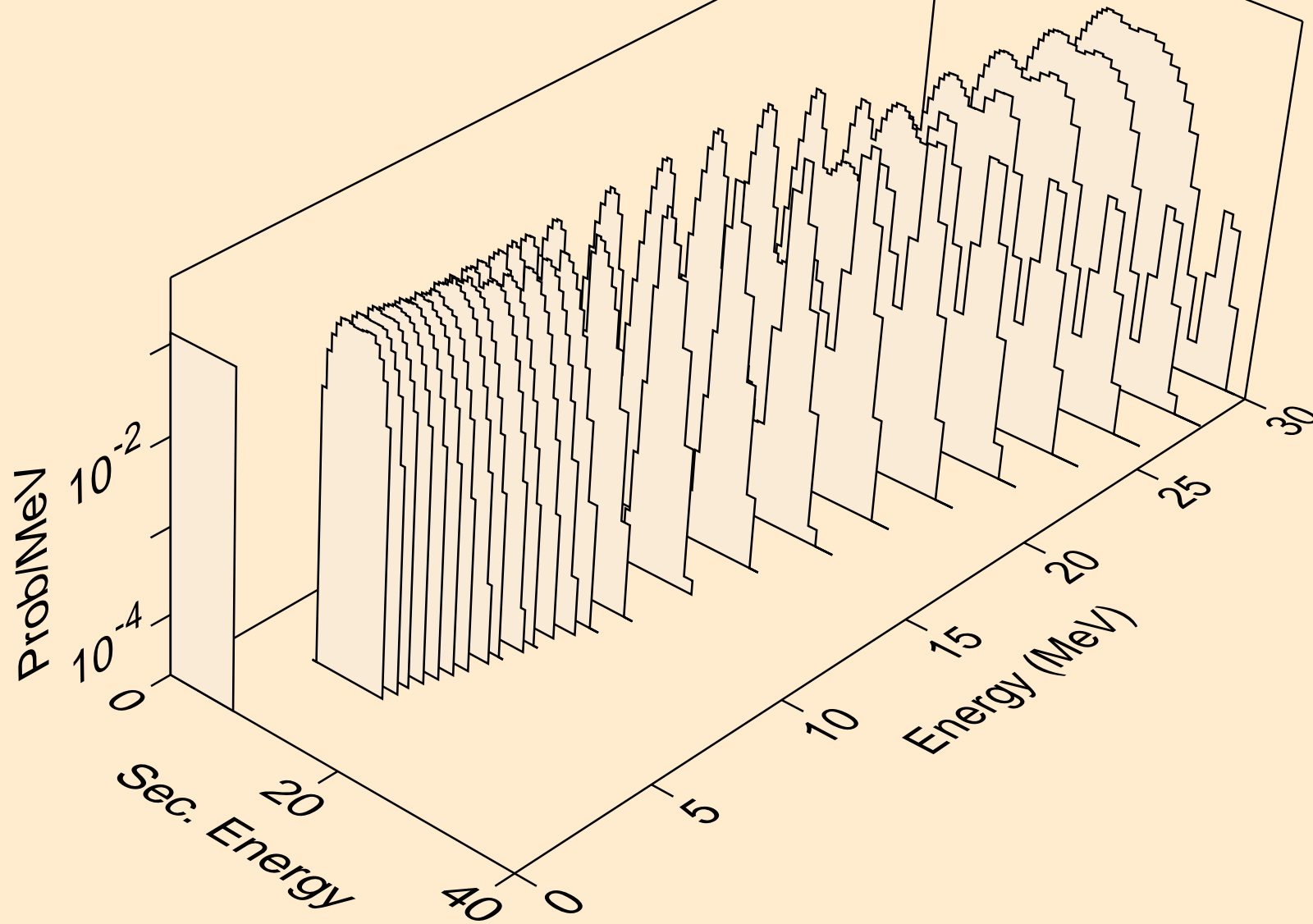
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alphas from (n,npa)



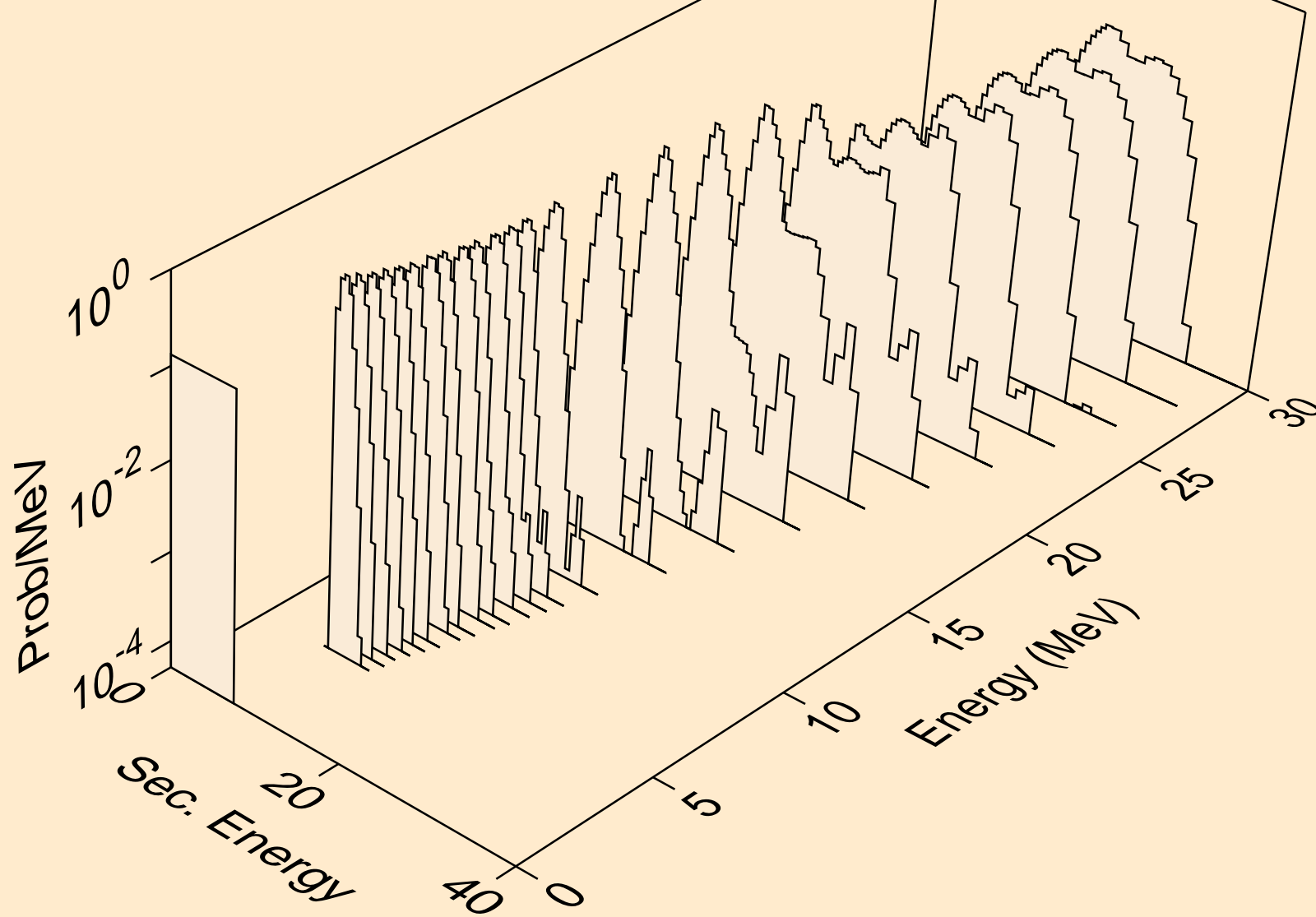
AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)



AM233 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

