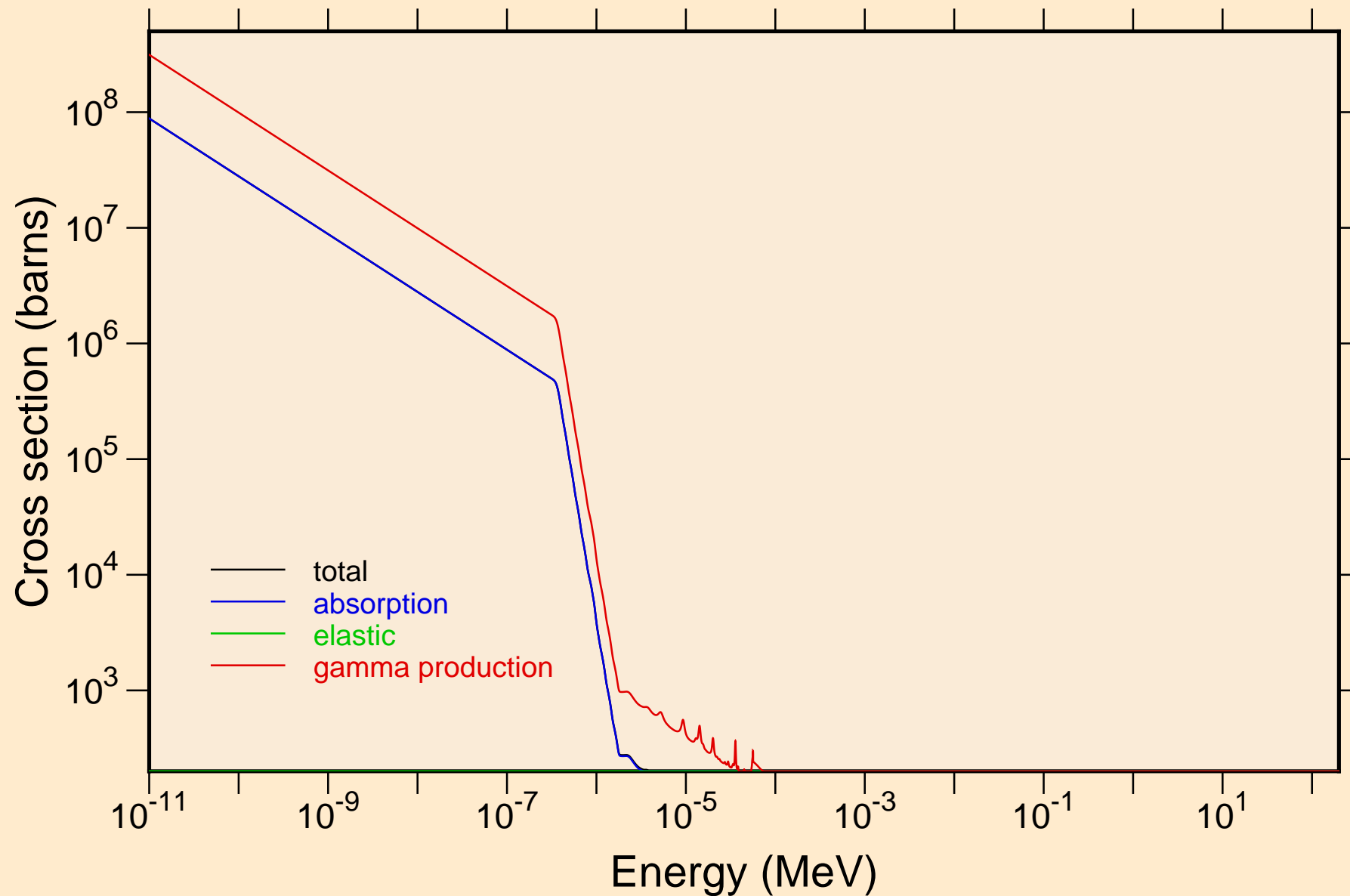
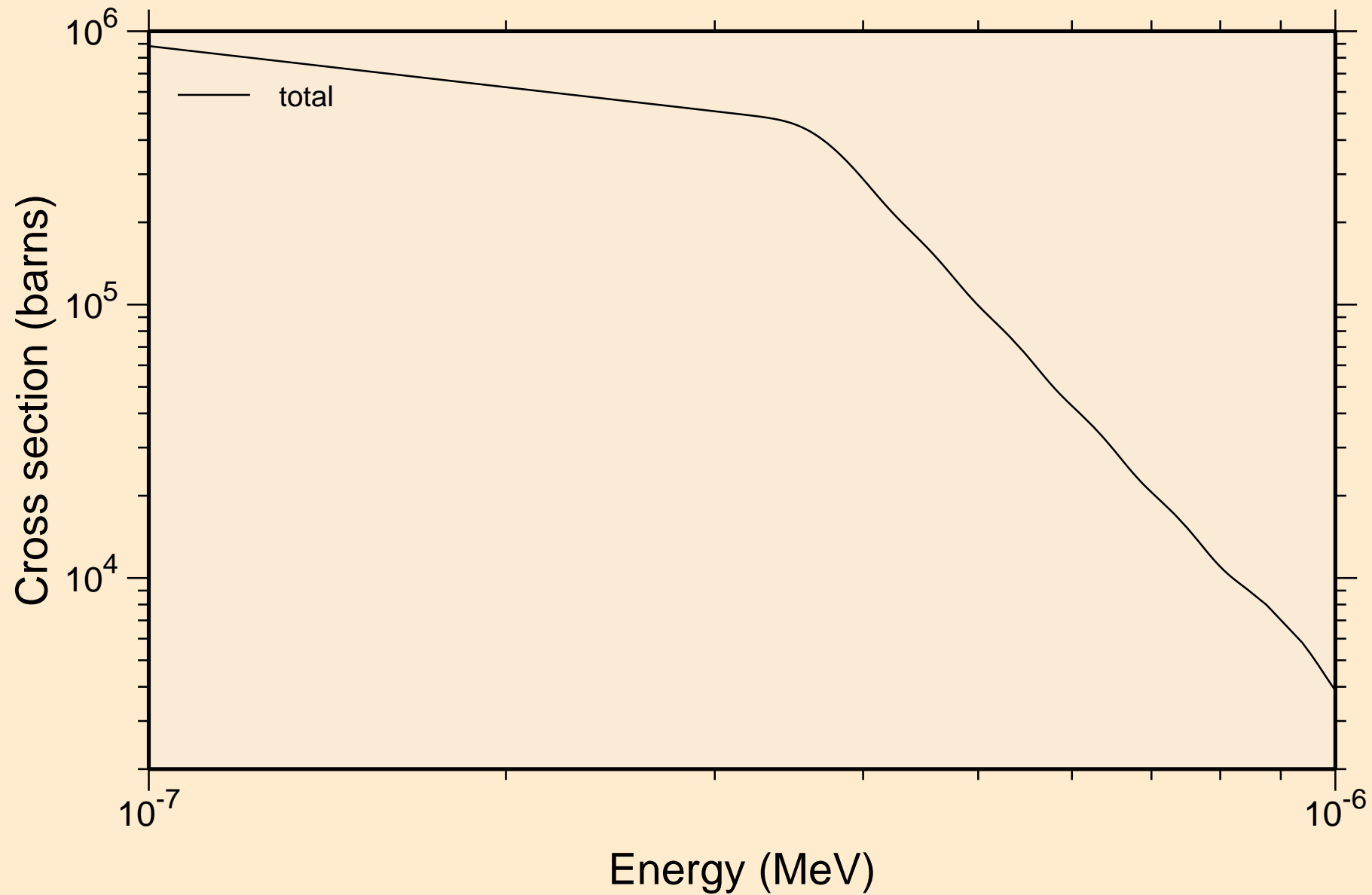


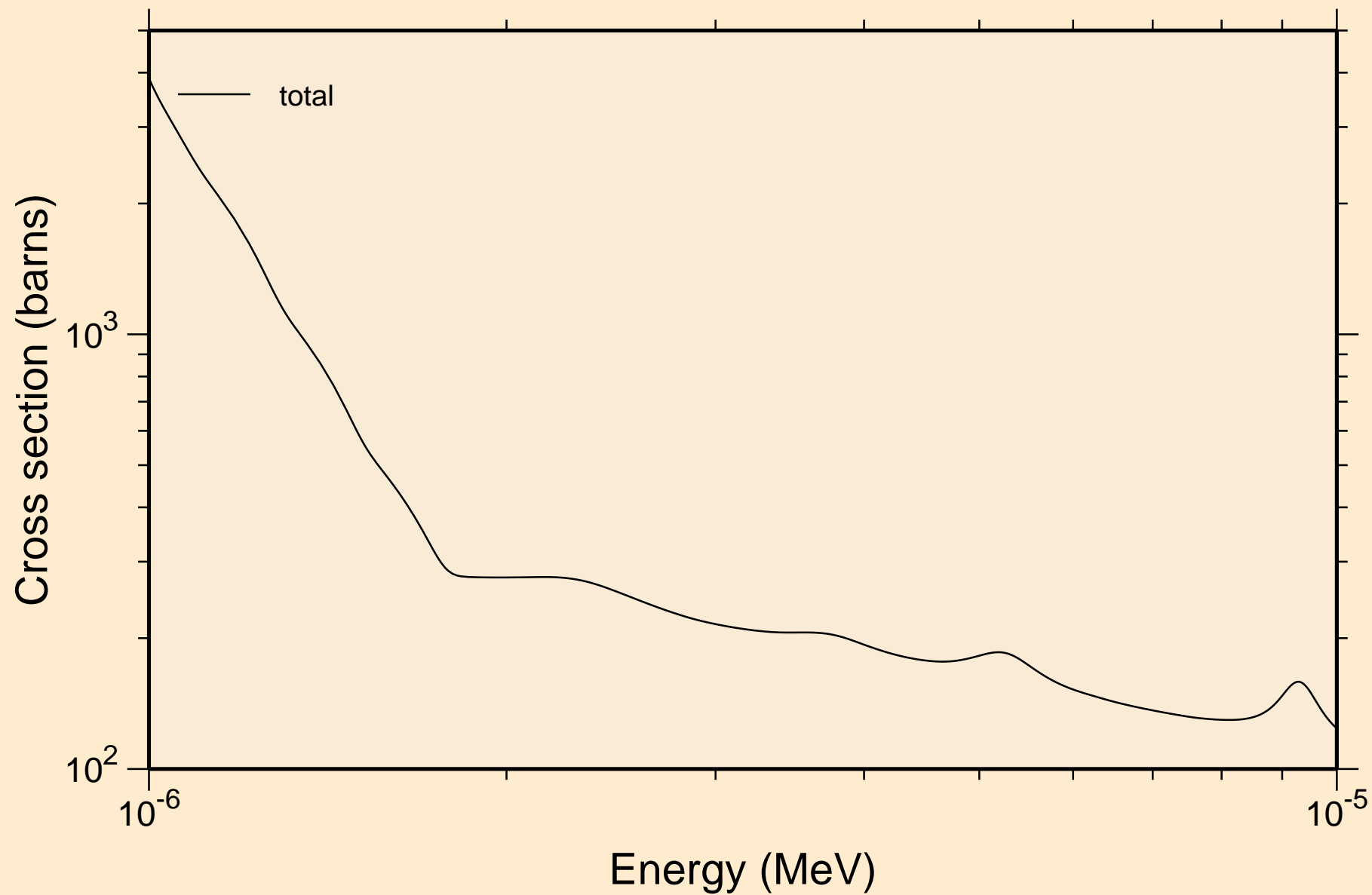
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



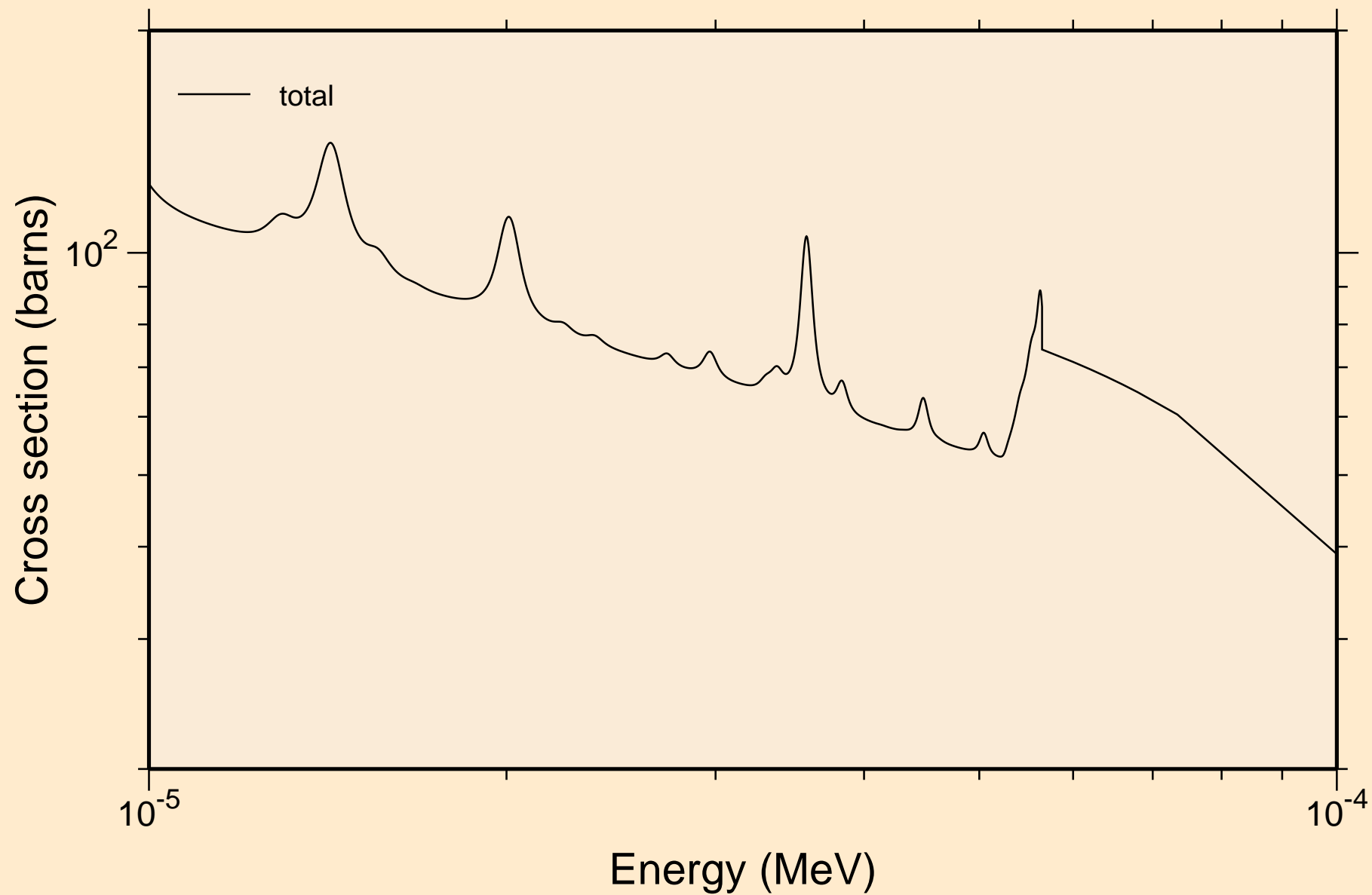
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resonance total cross section



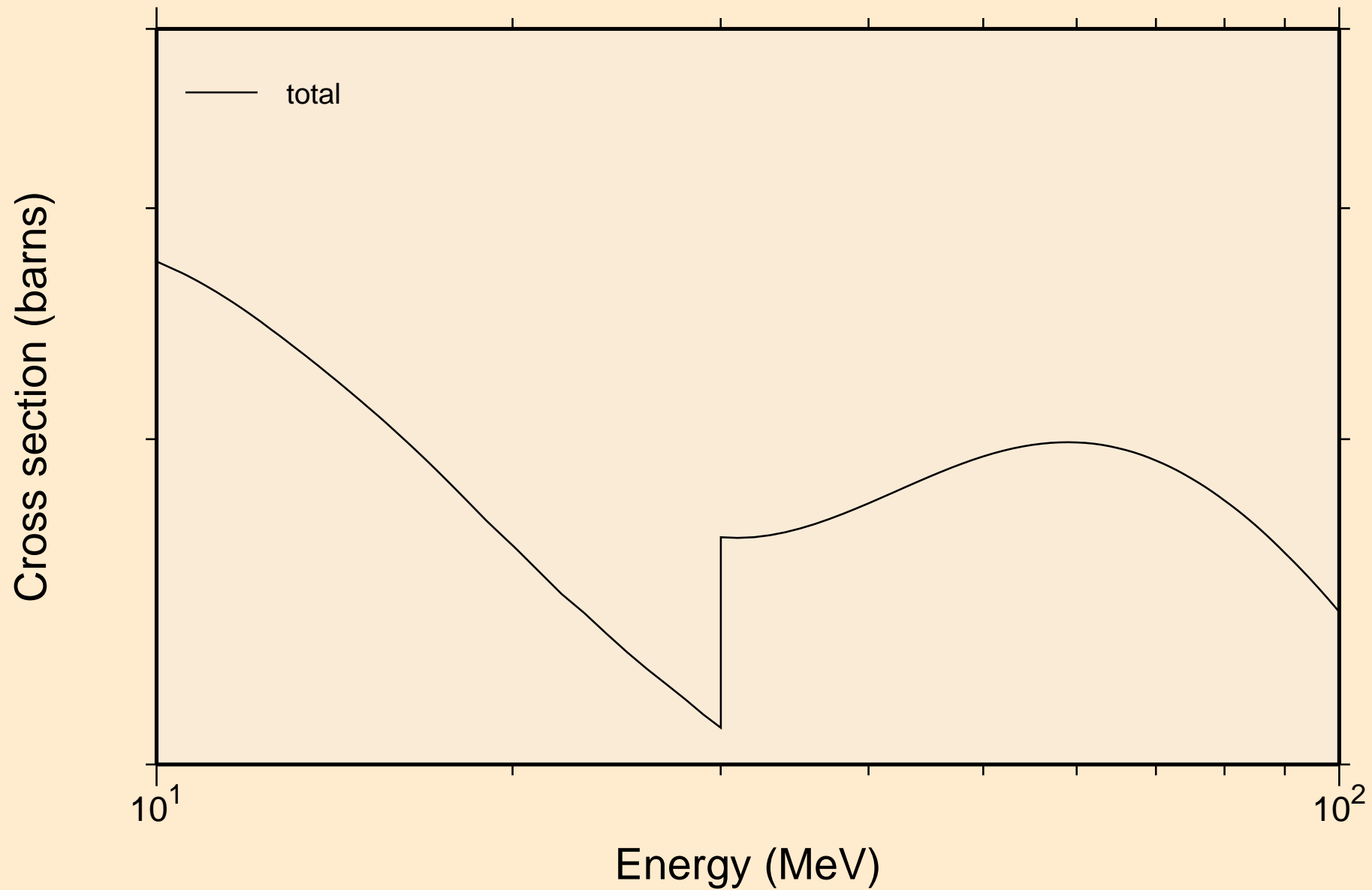
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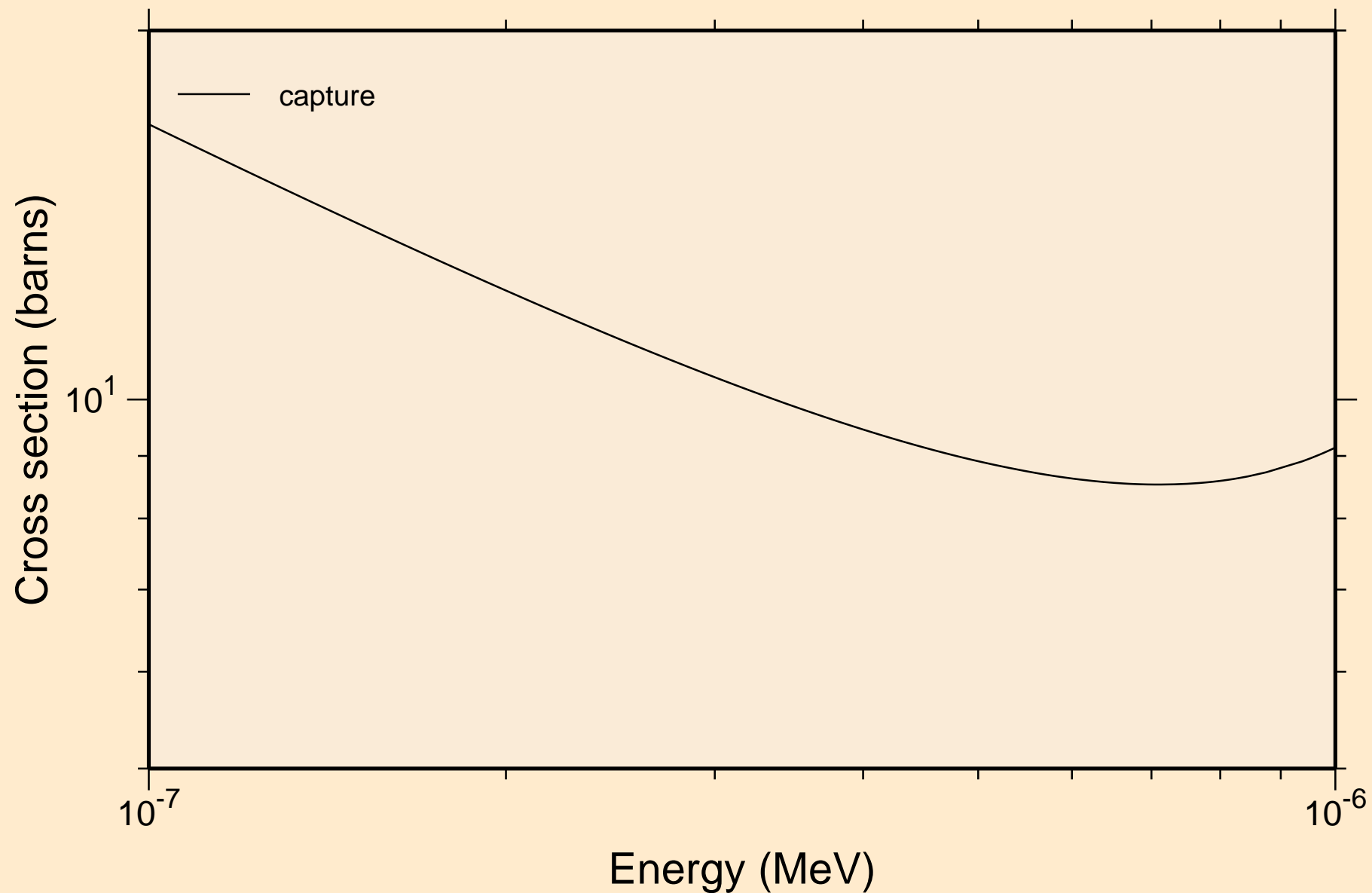
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resonance total cross section



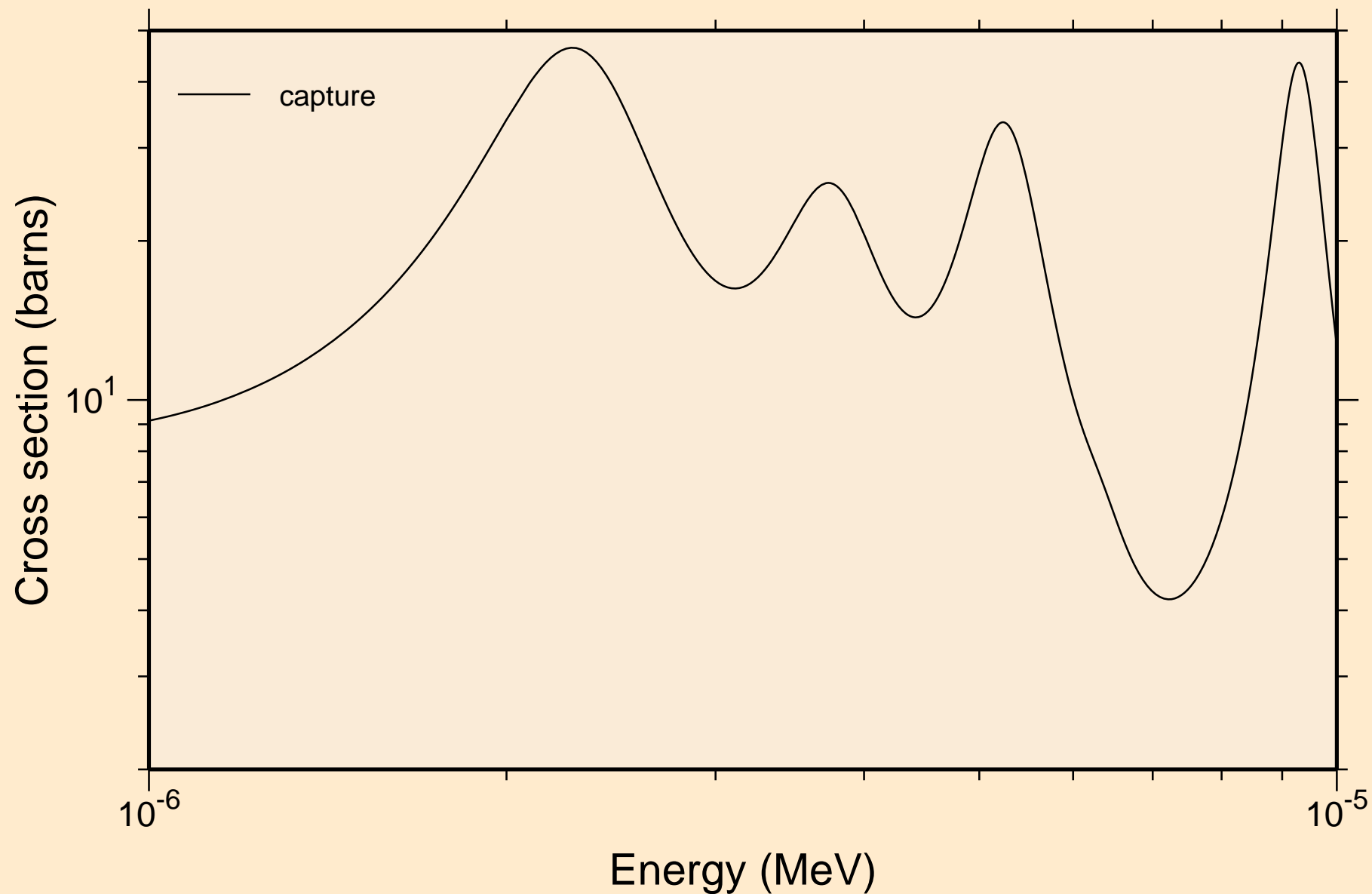
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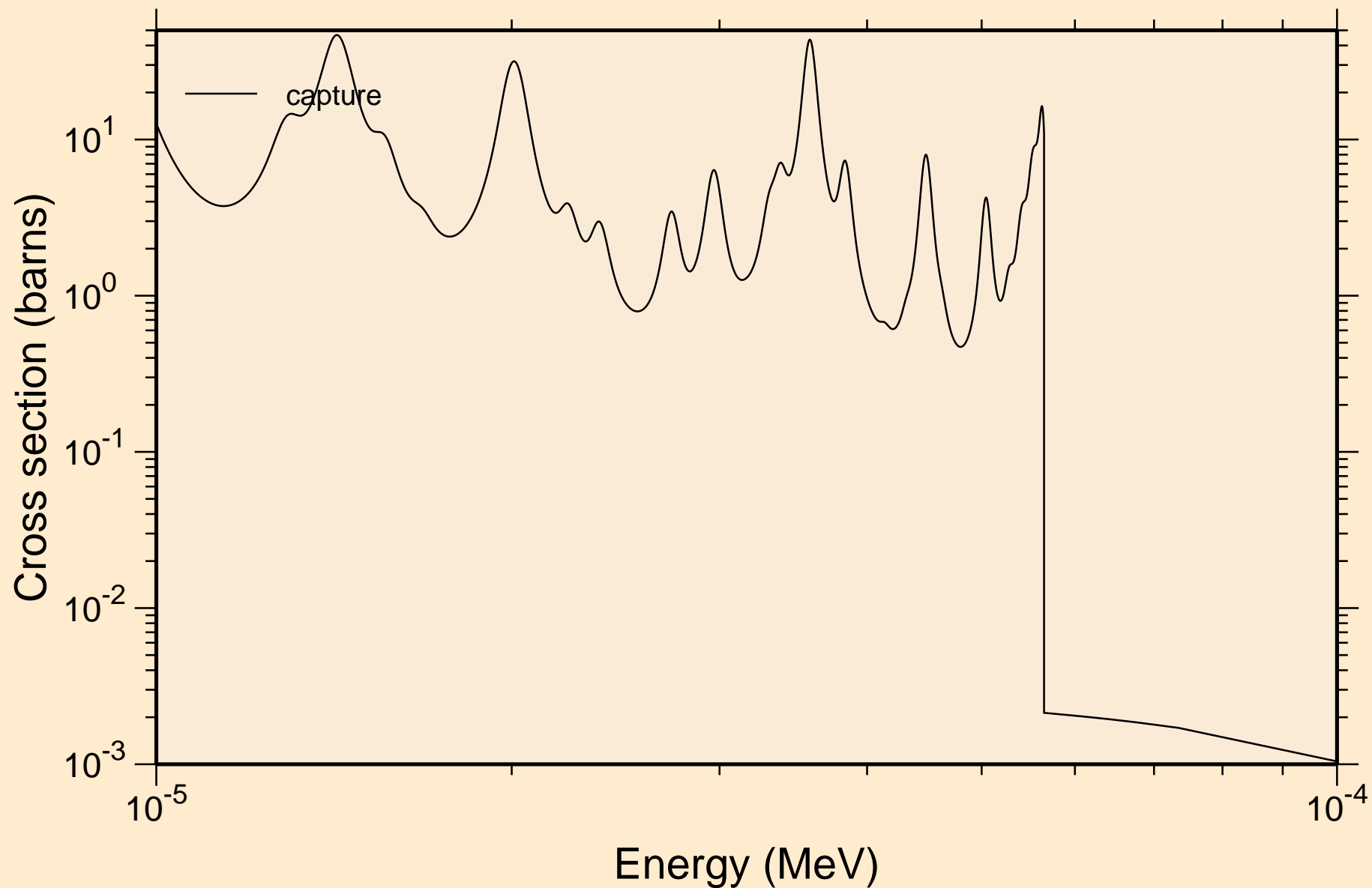
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resonance absorption cross sections



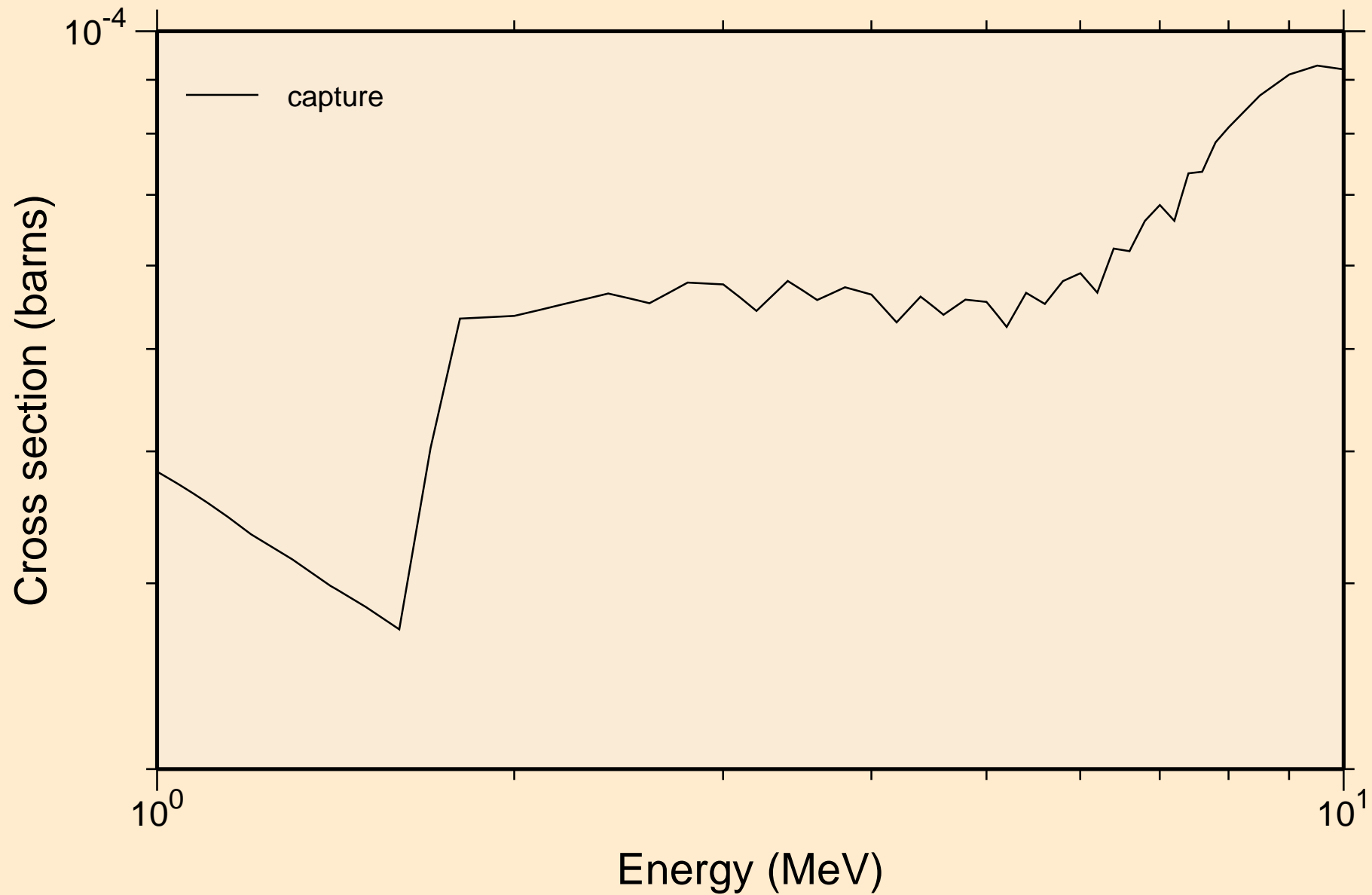
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resonance absorption cross sections



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

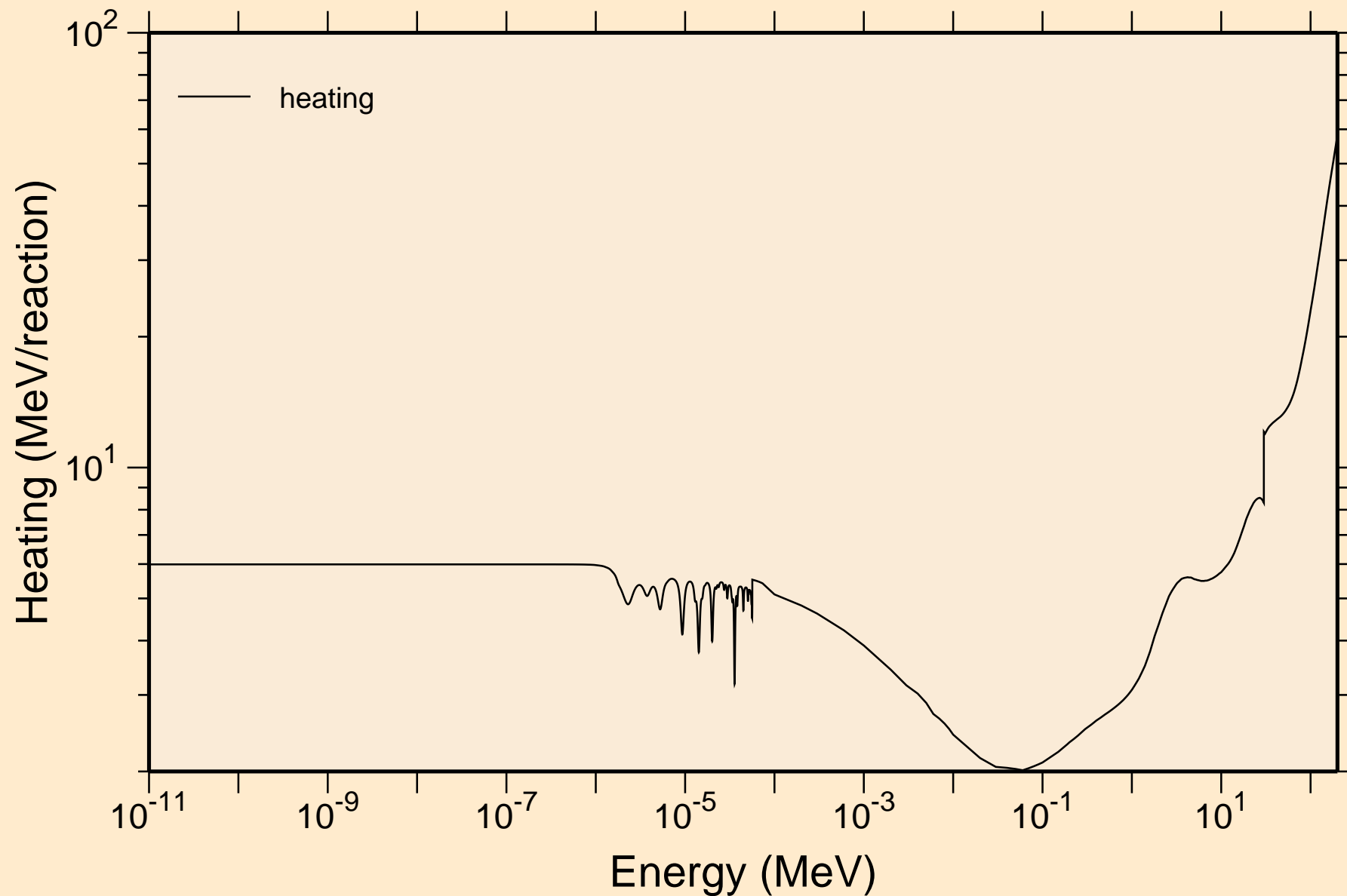


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resonance absorption cross sections

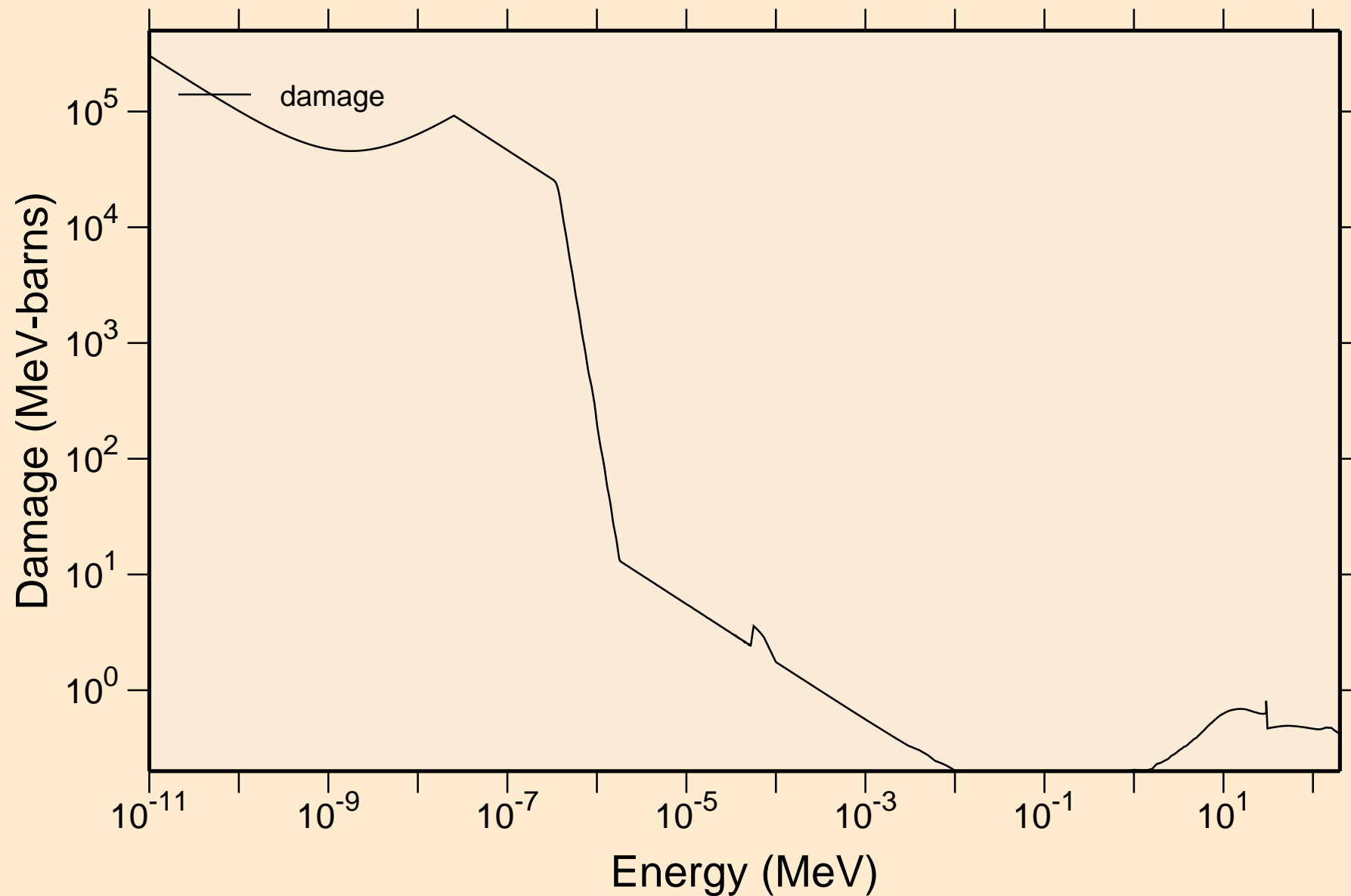


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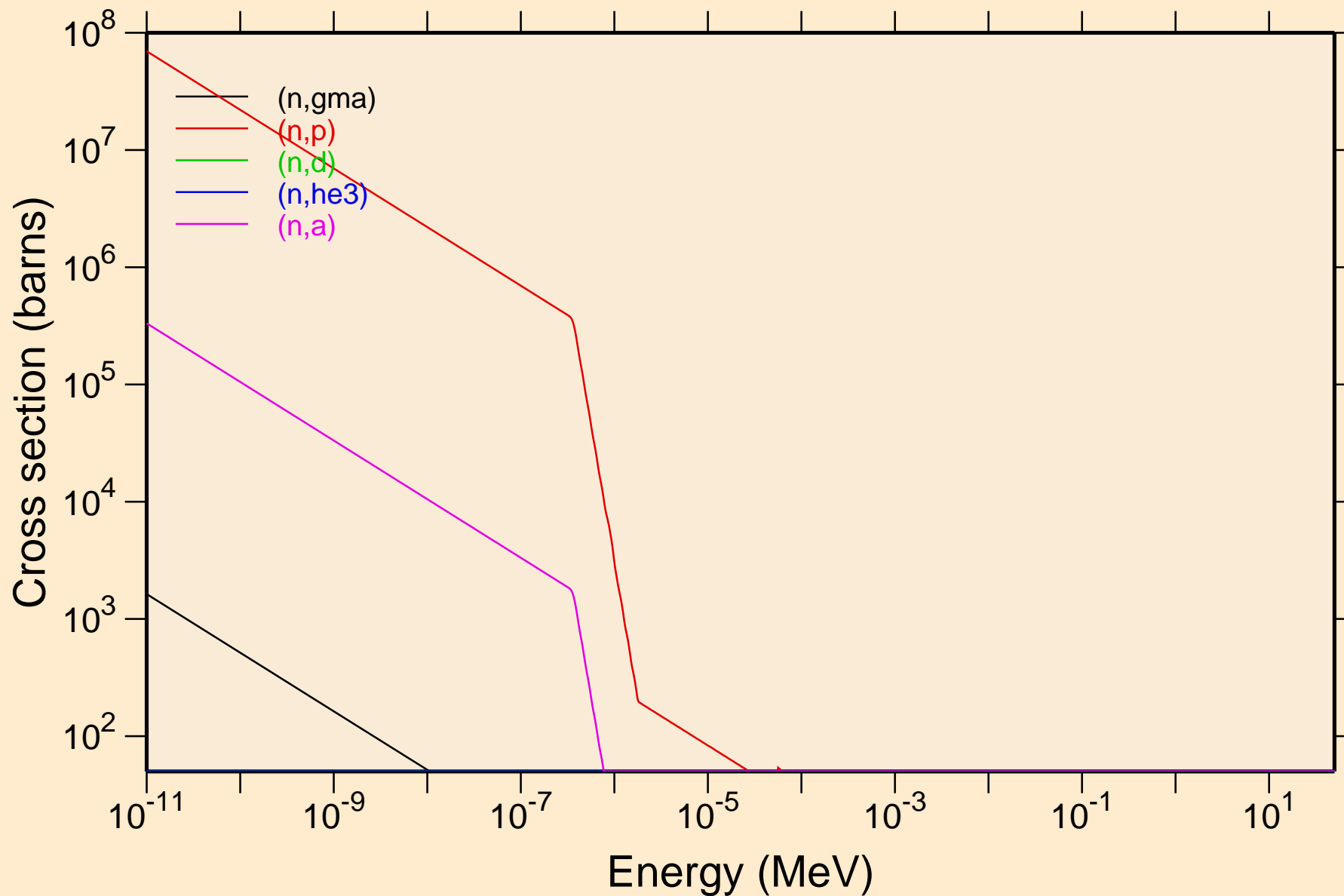
Heating



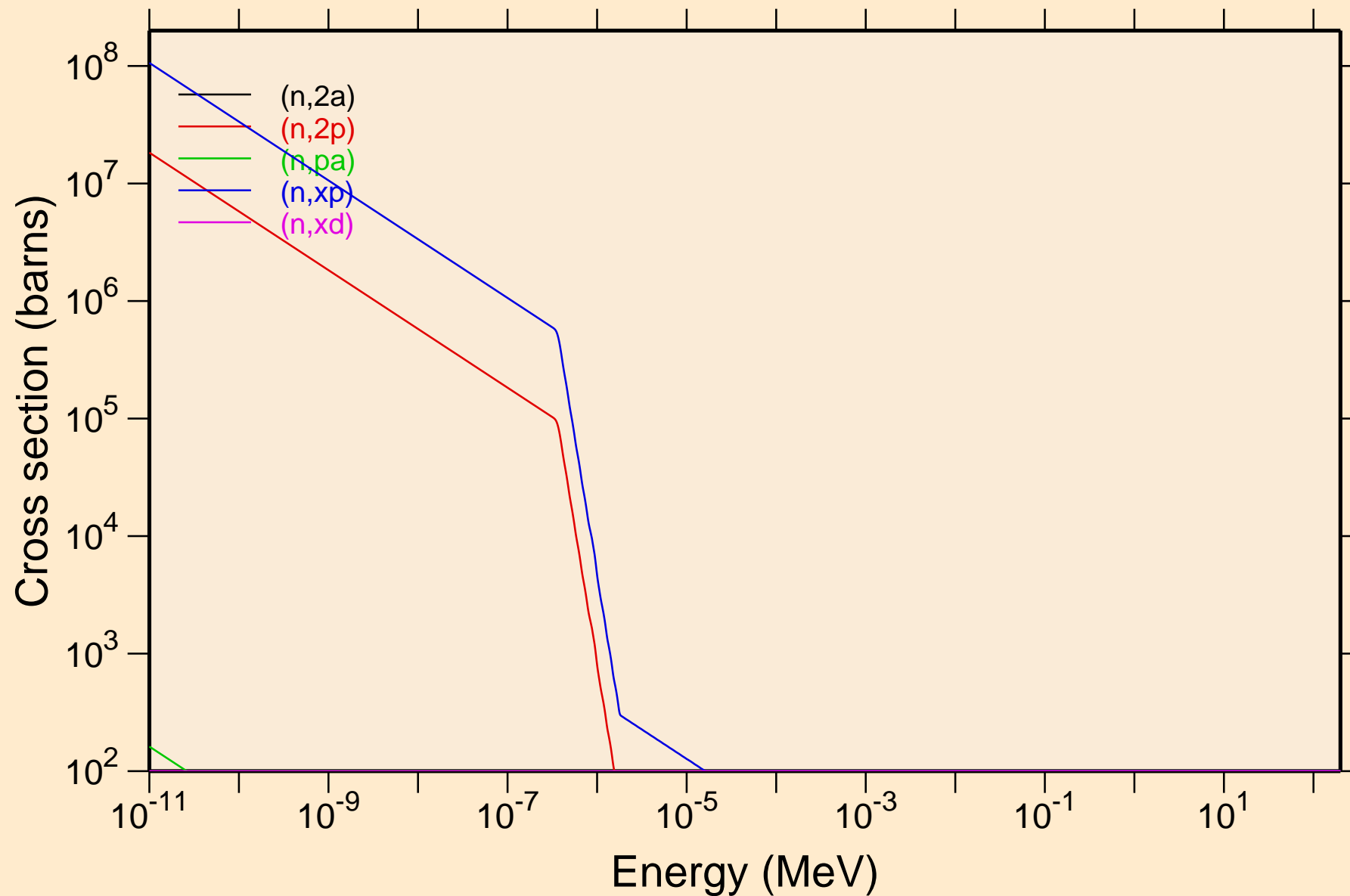
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Damage



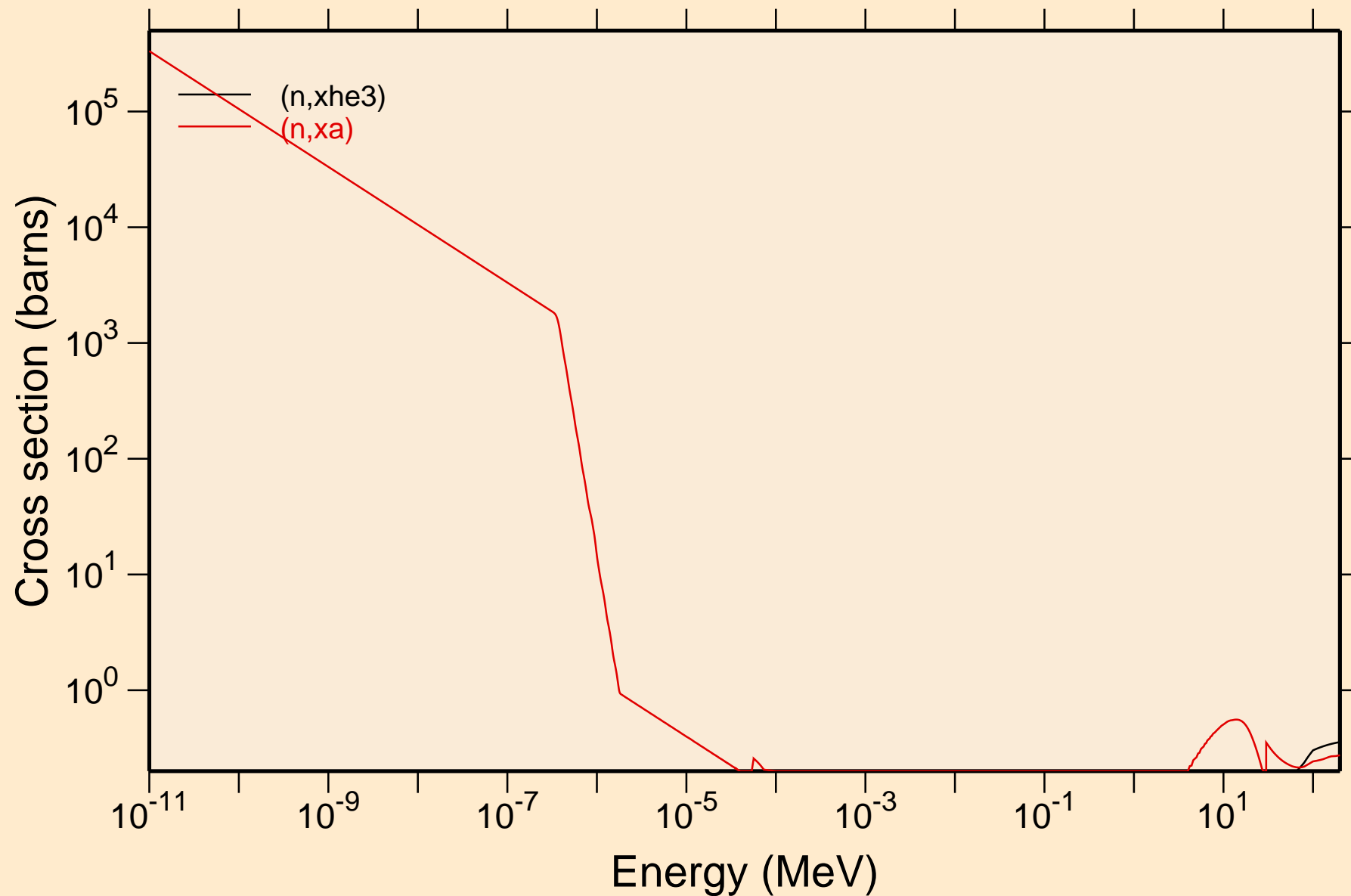
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

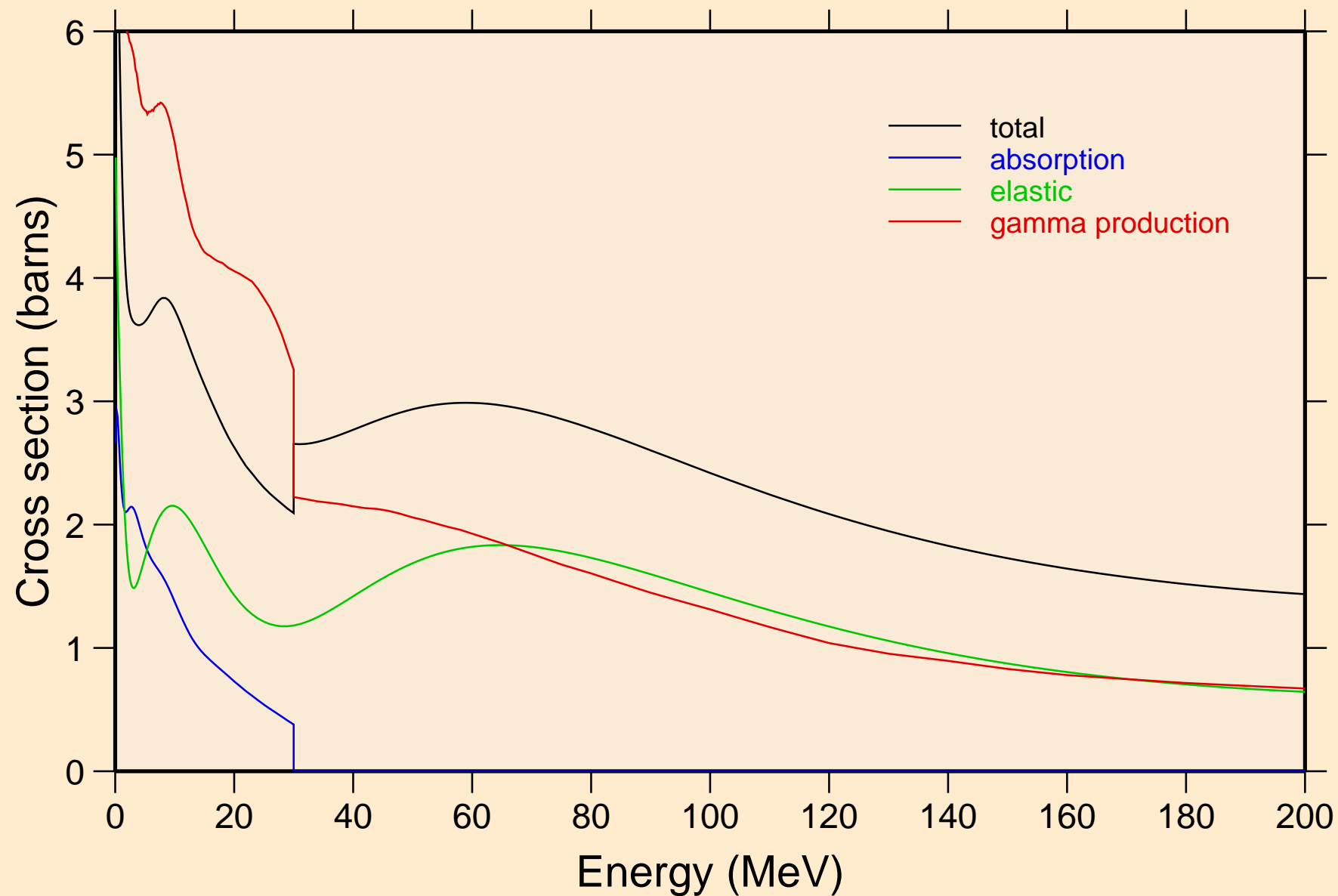


Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



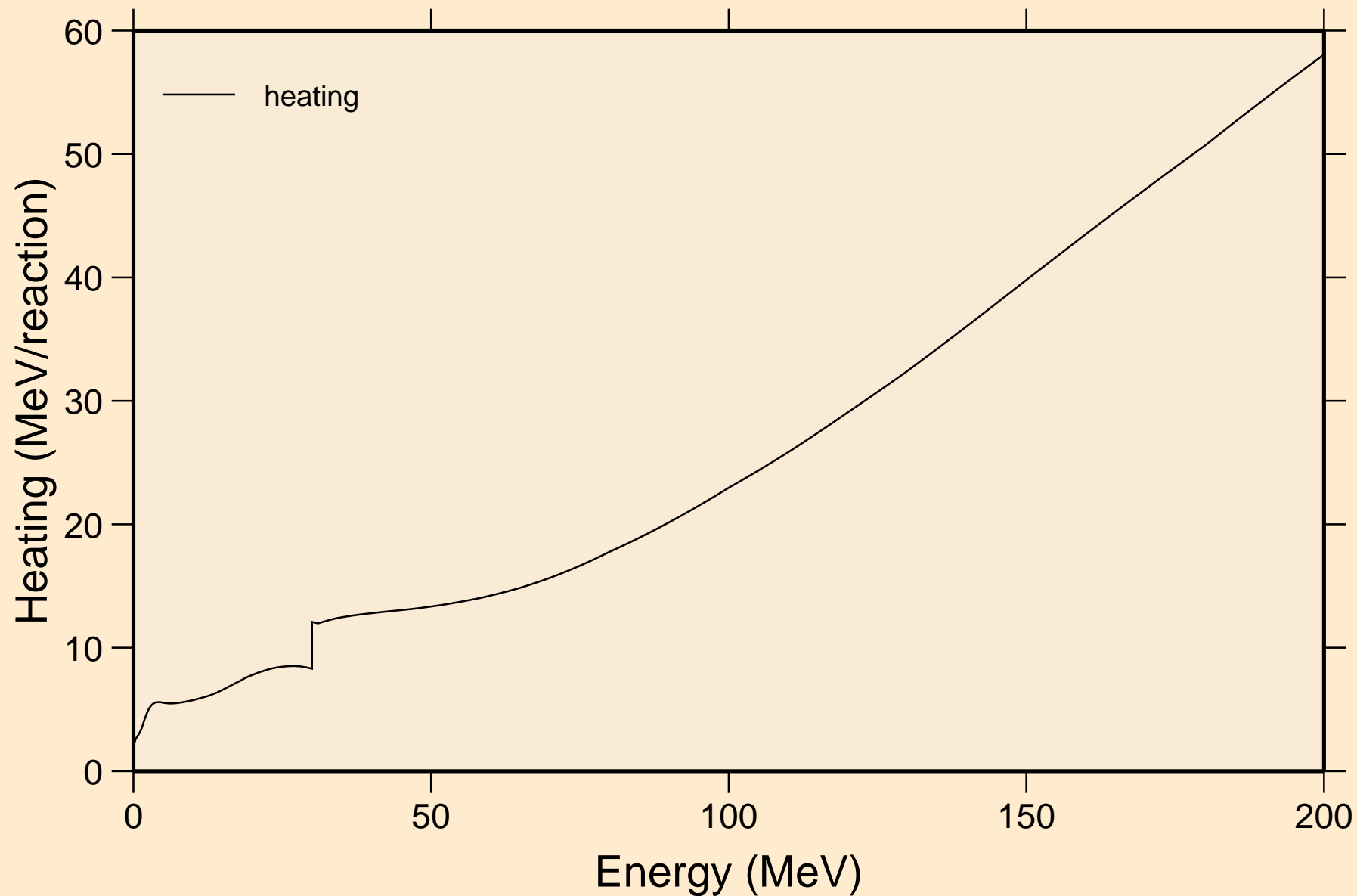
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## Principal cross sections



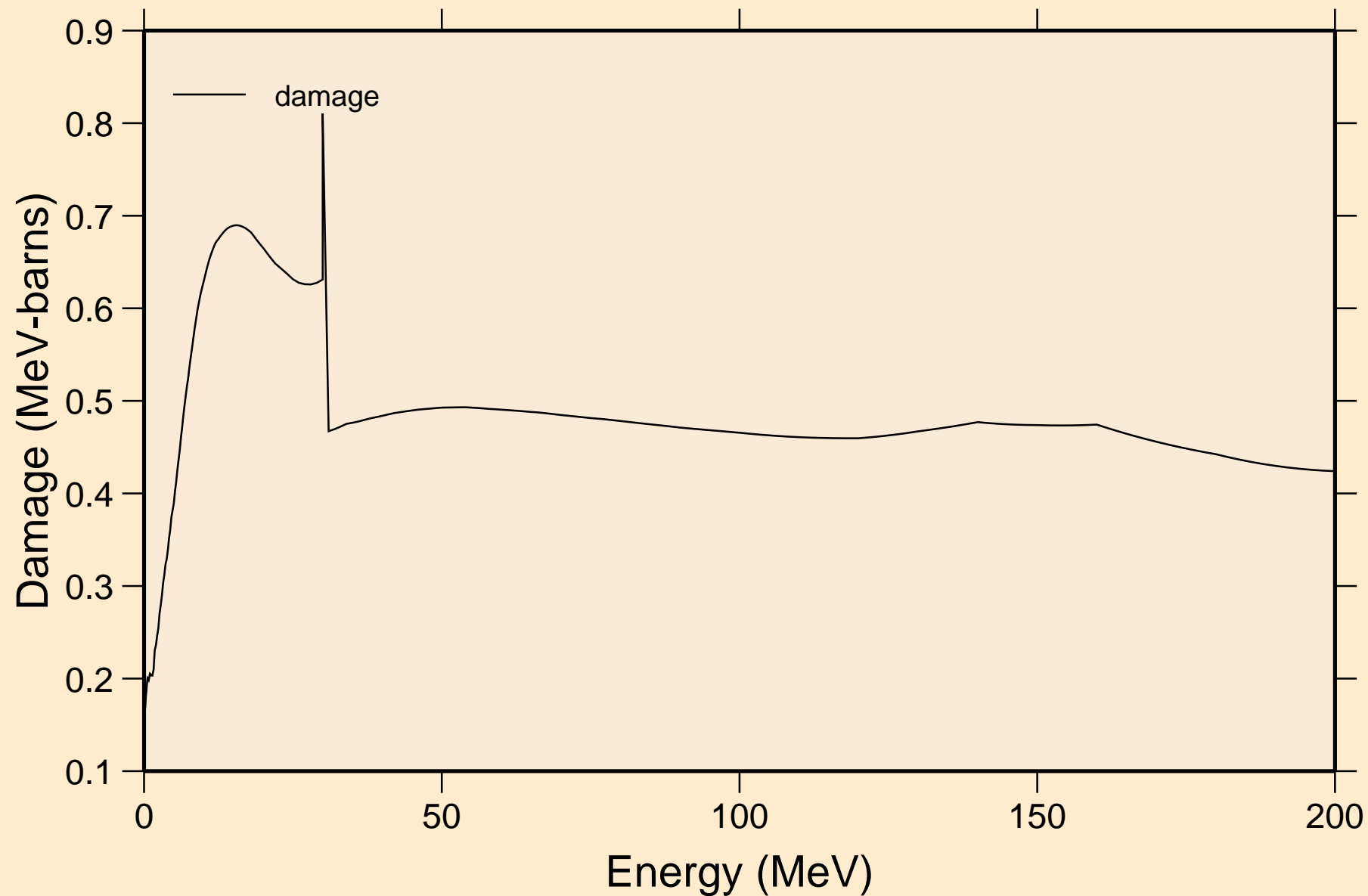
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating

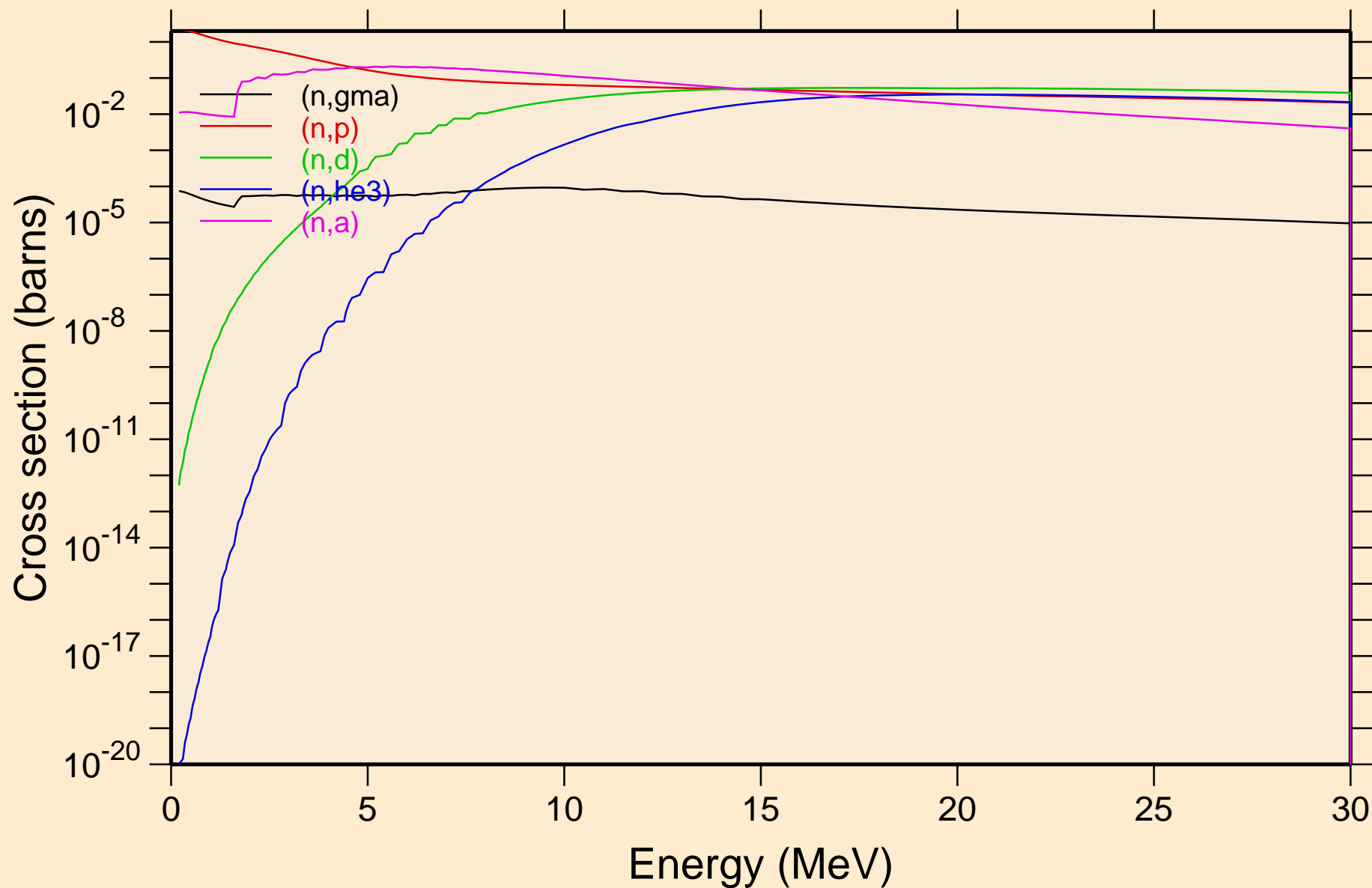


Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

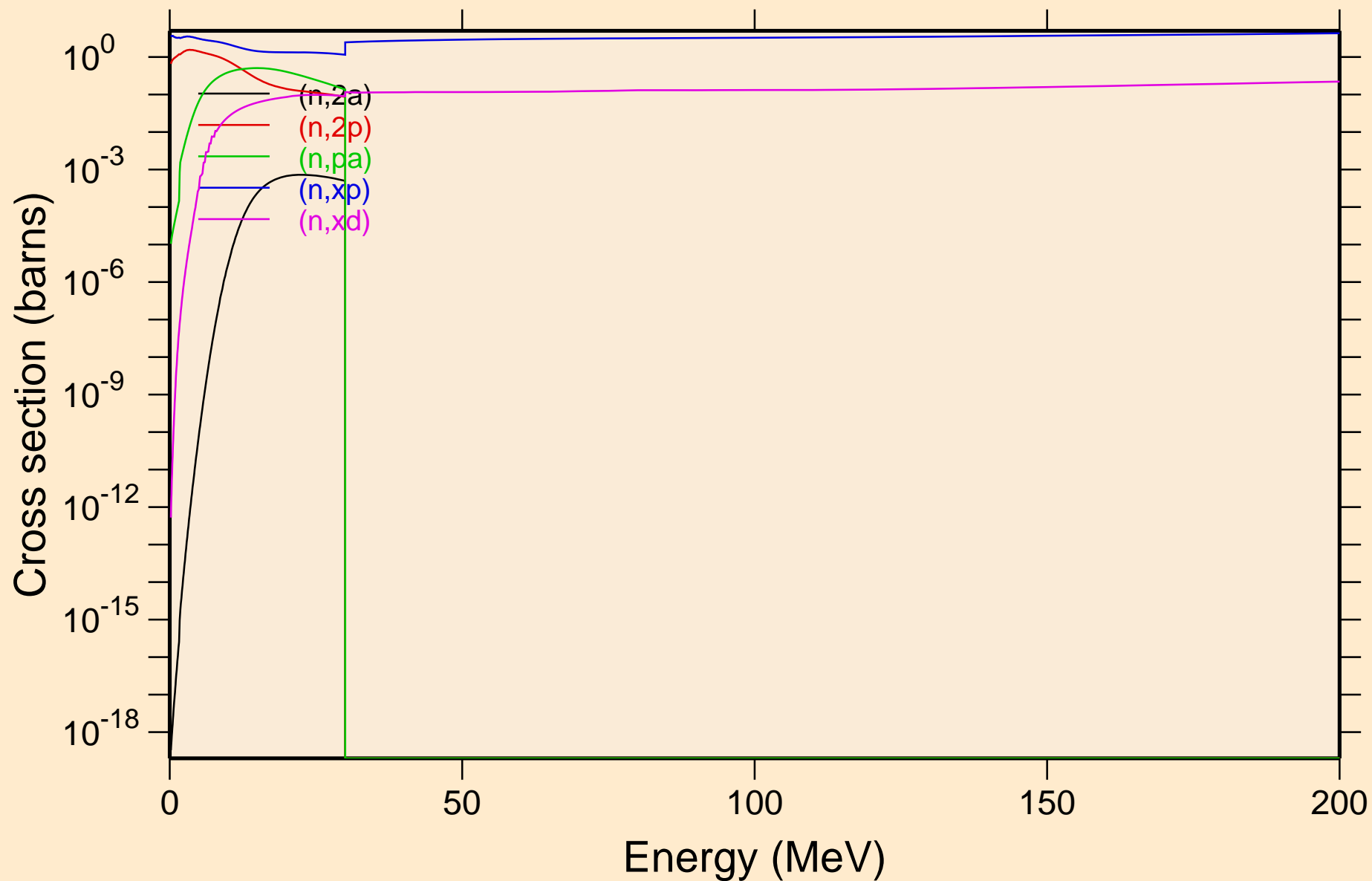
Damage



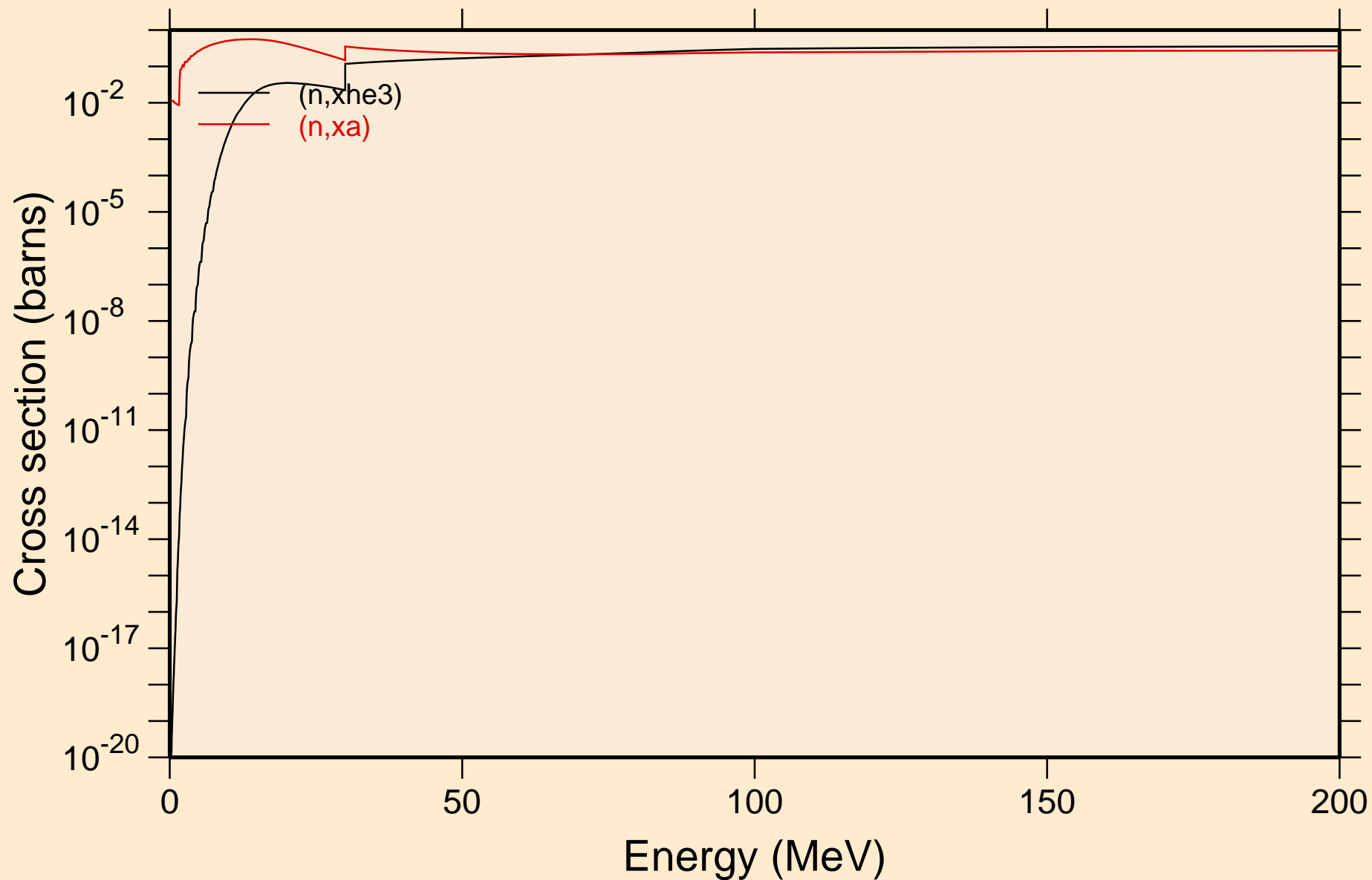
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

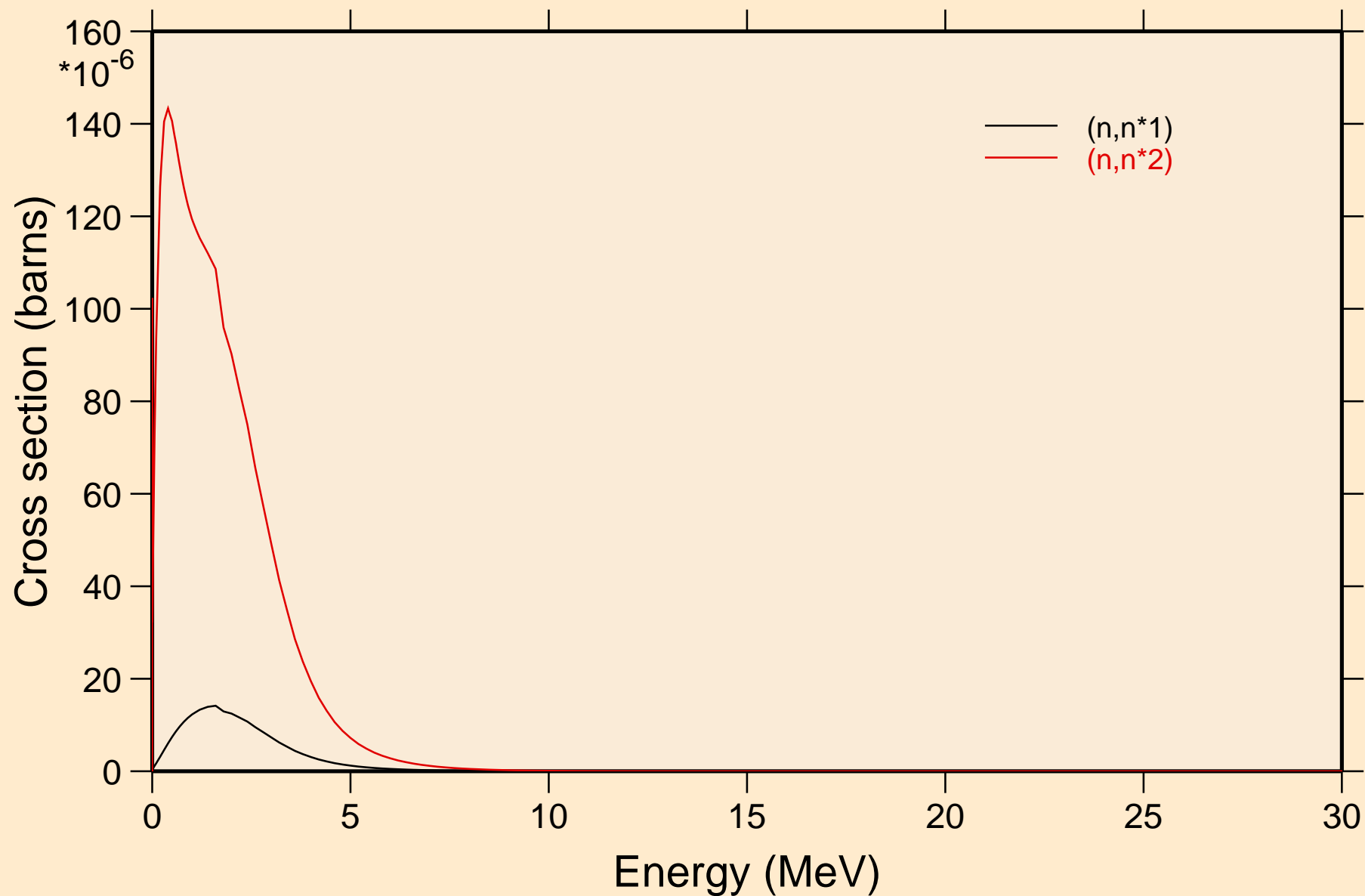


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Non-threshold reactions



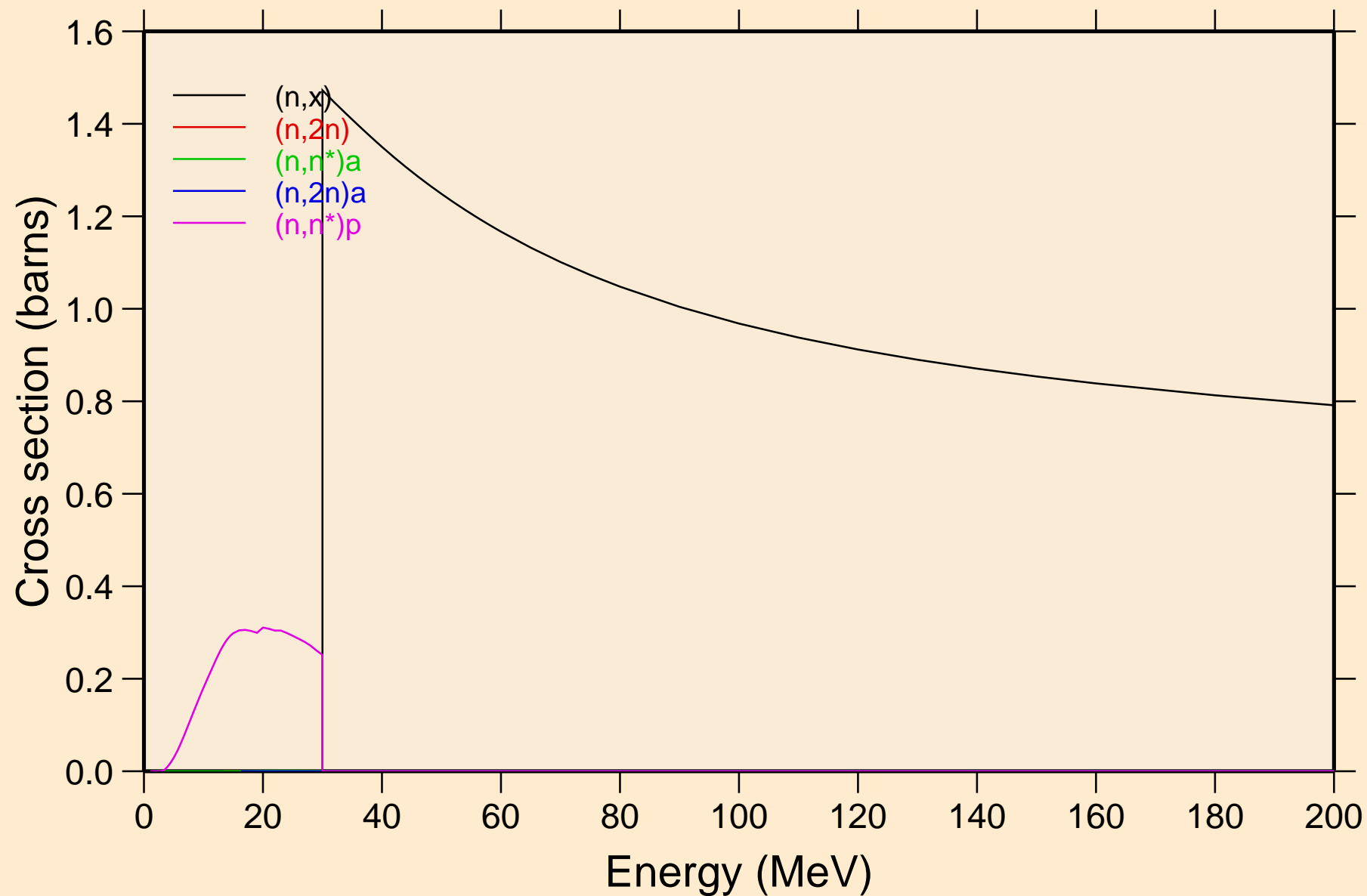
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## Inelastic levels



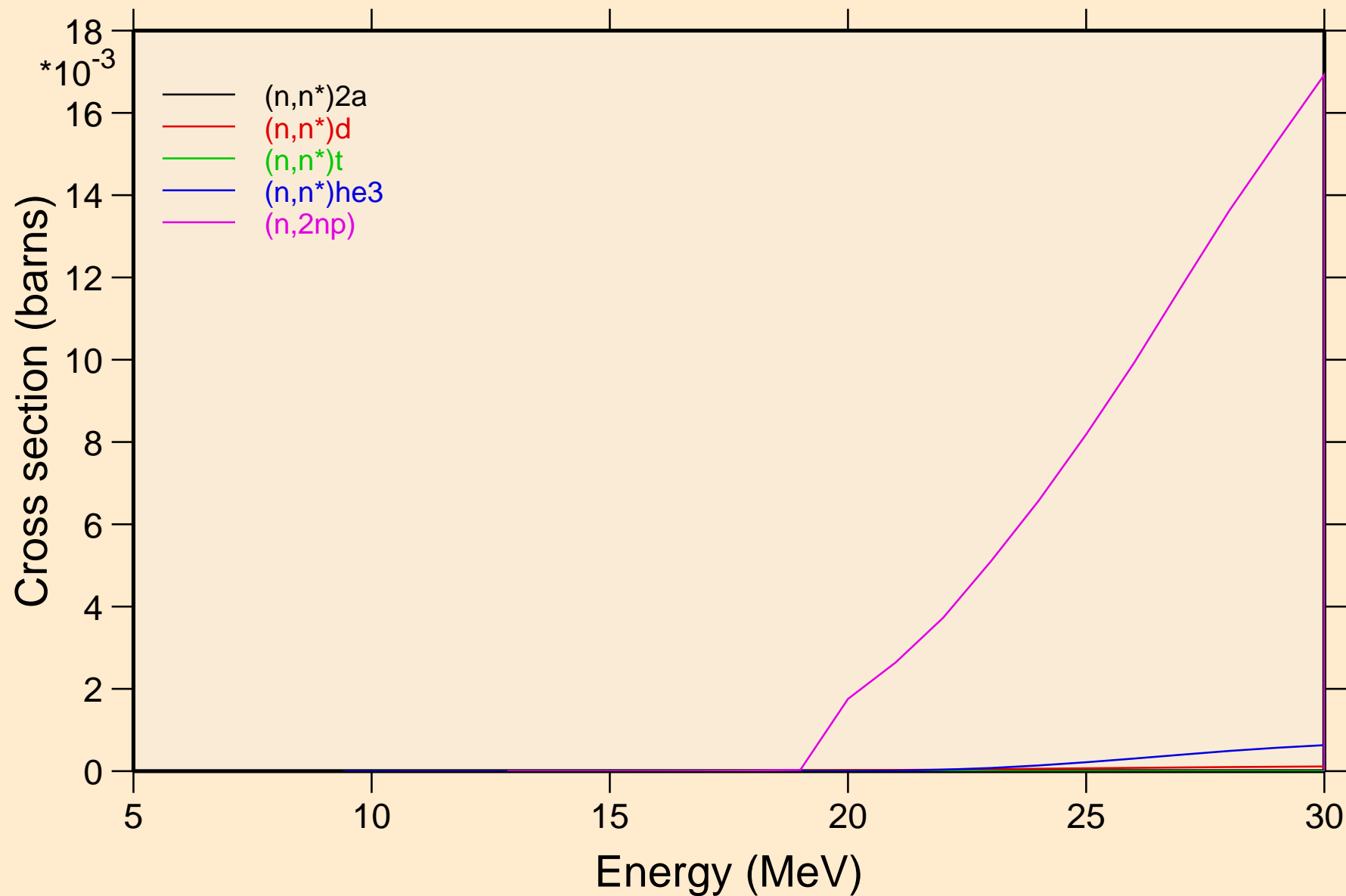
# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



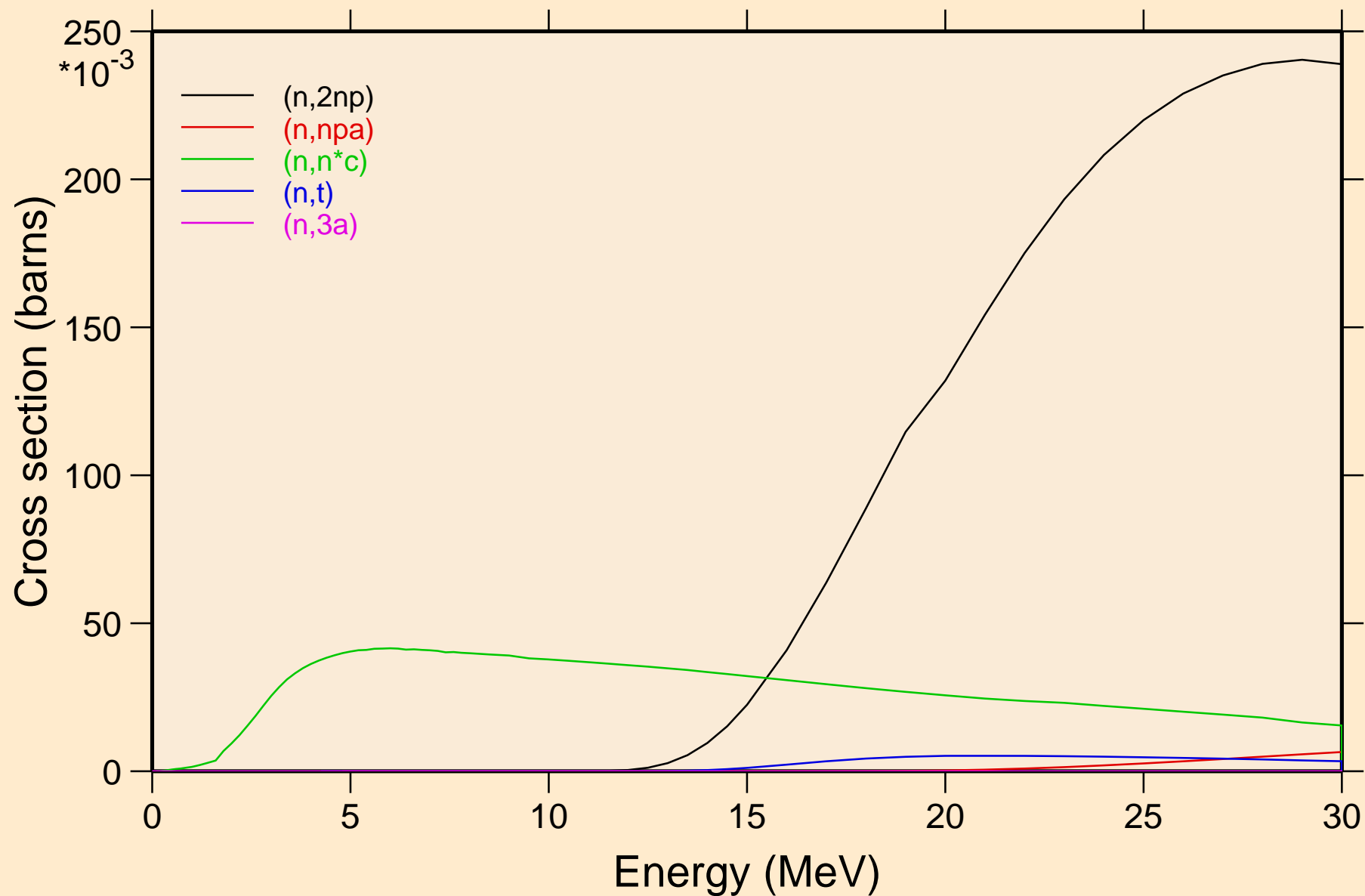
# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



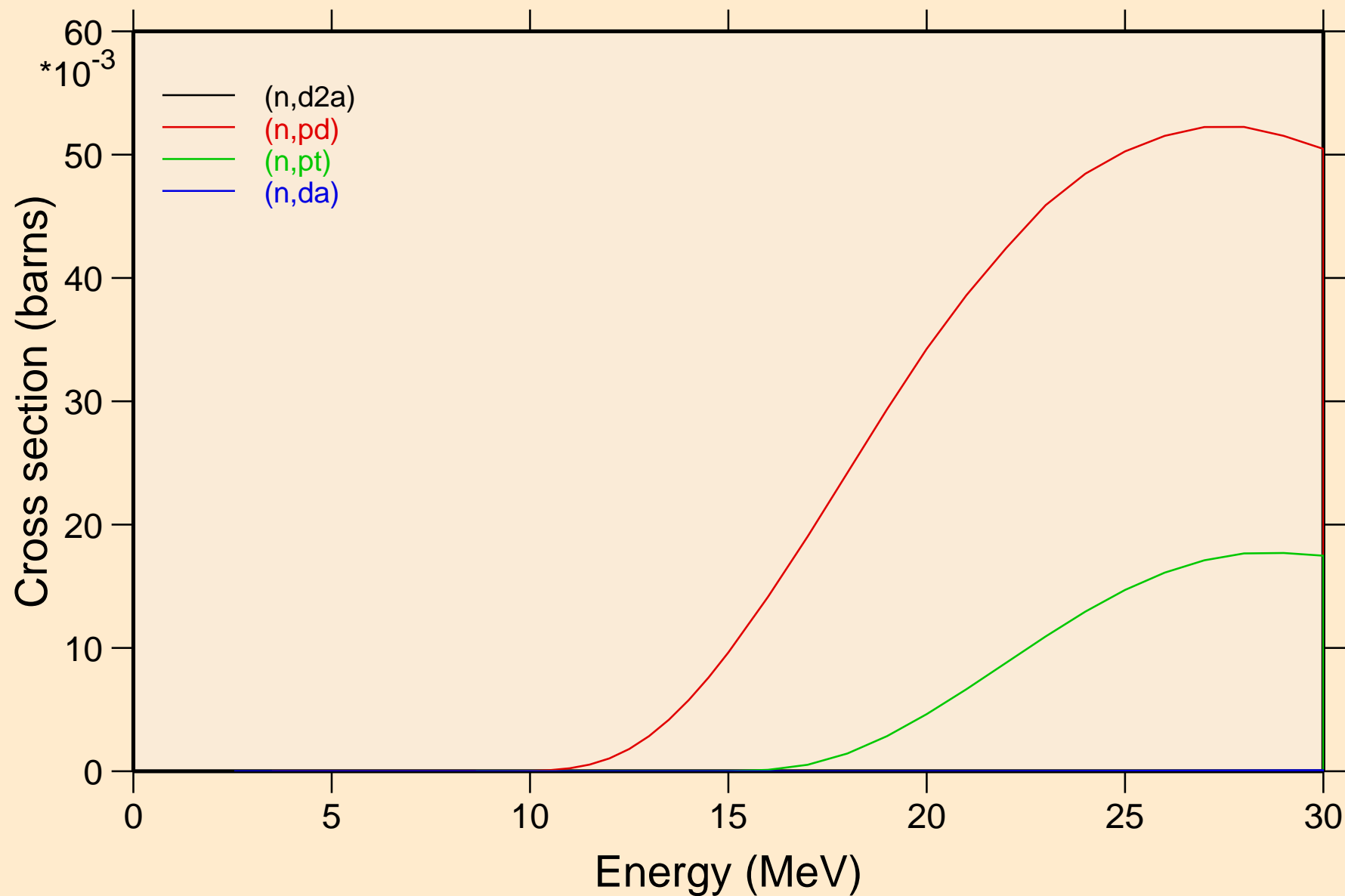
# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



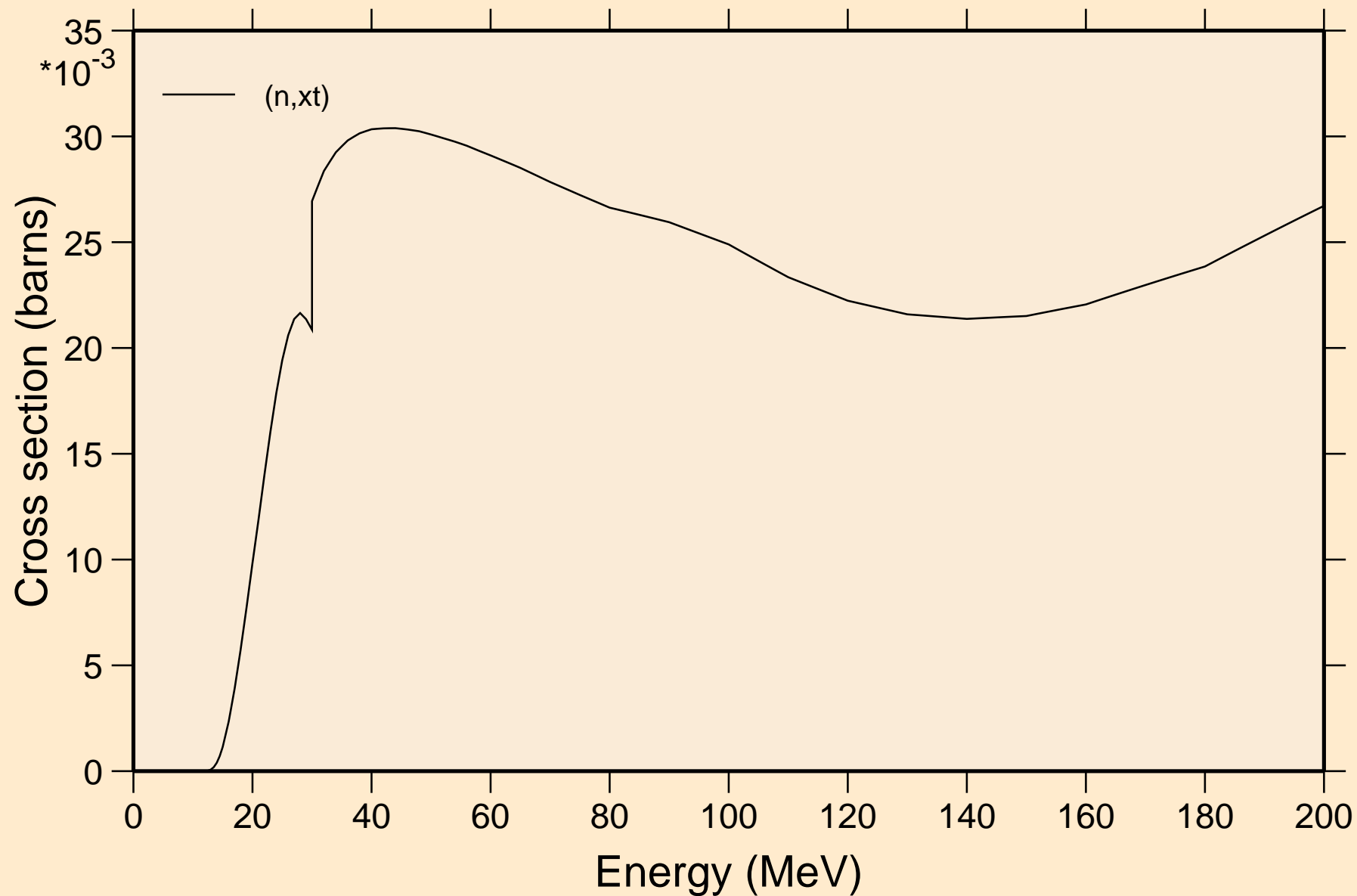
# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

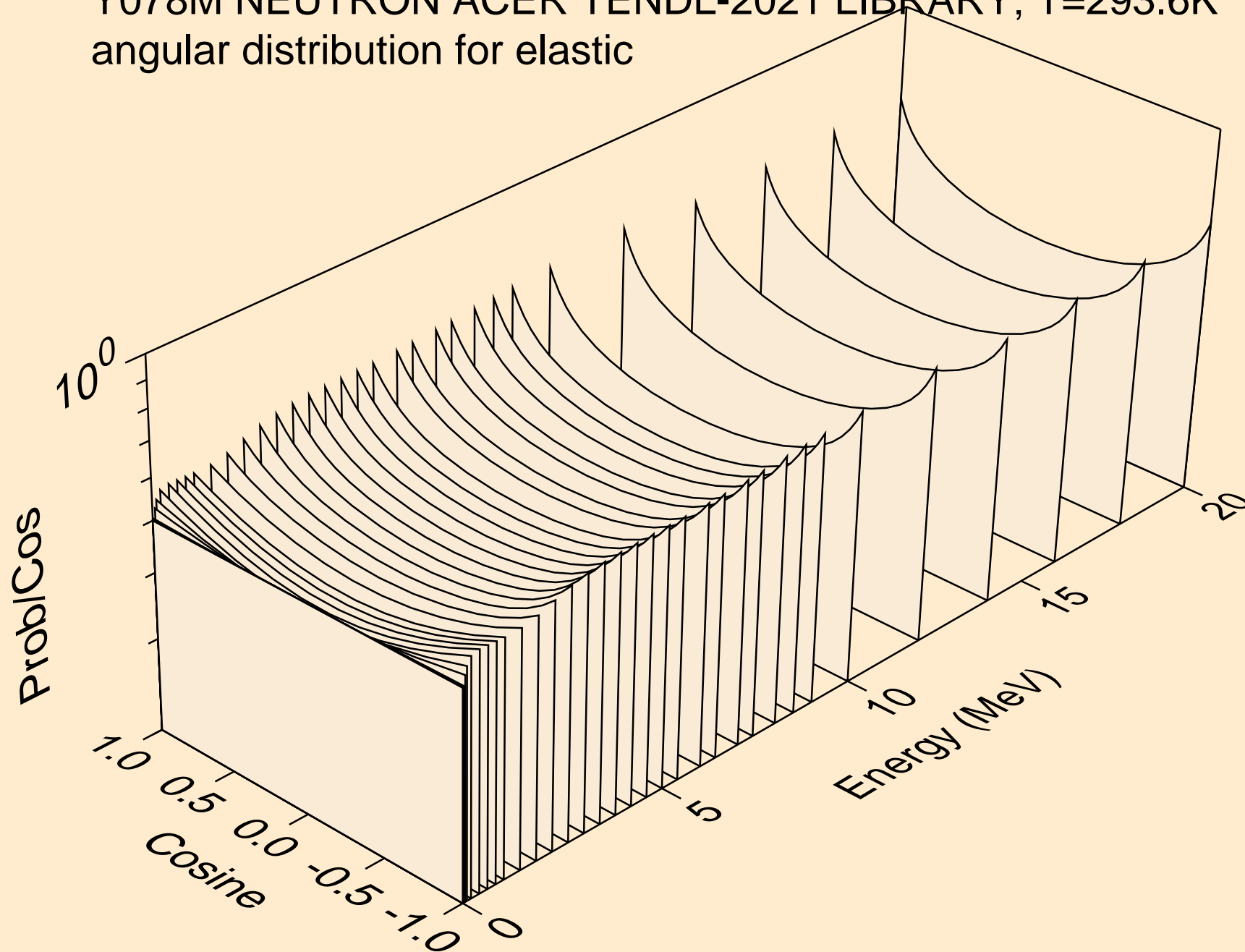


# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

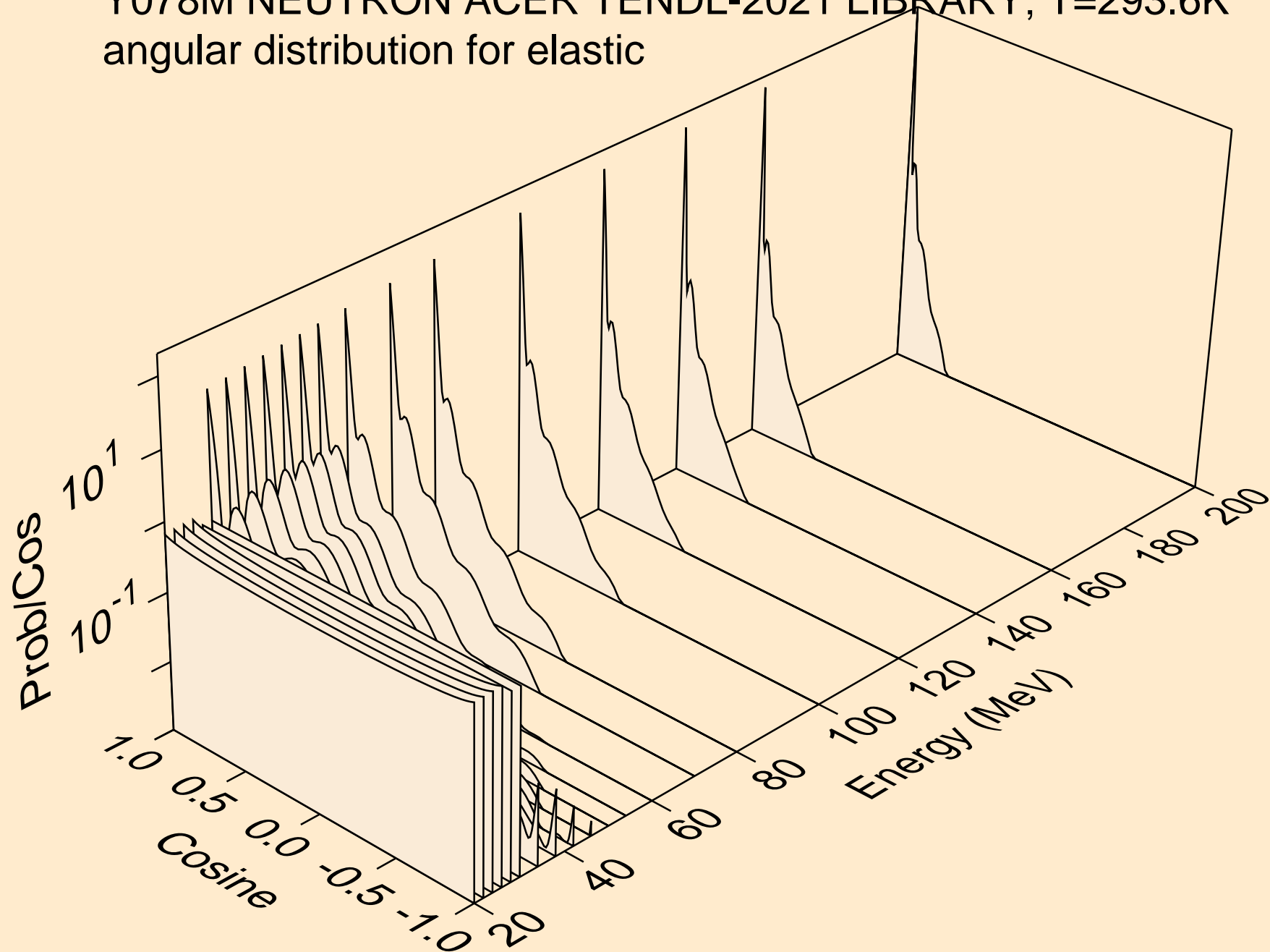
Threshold reactions



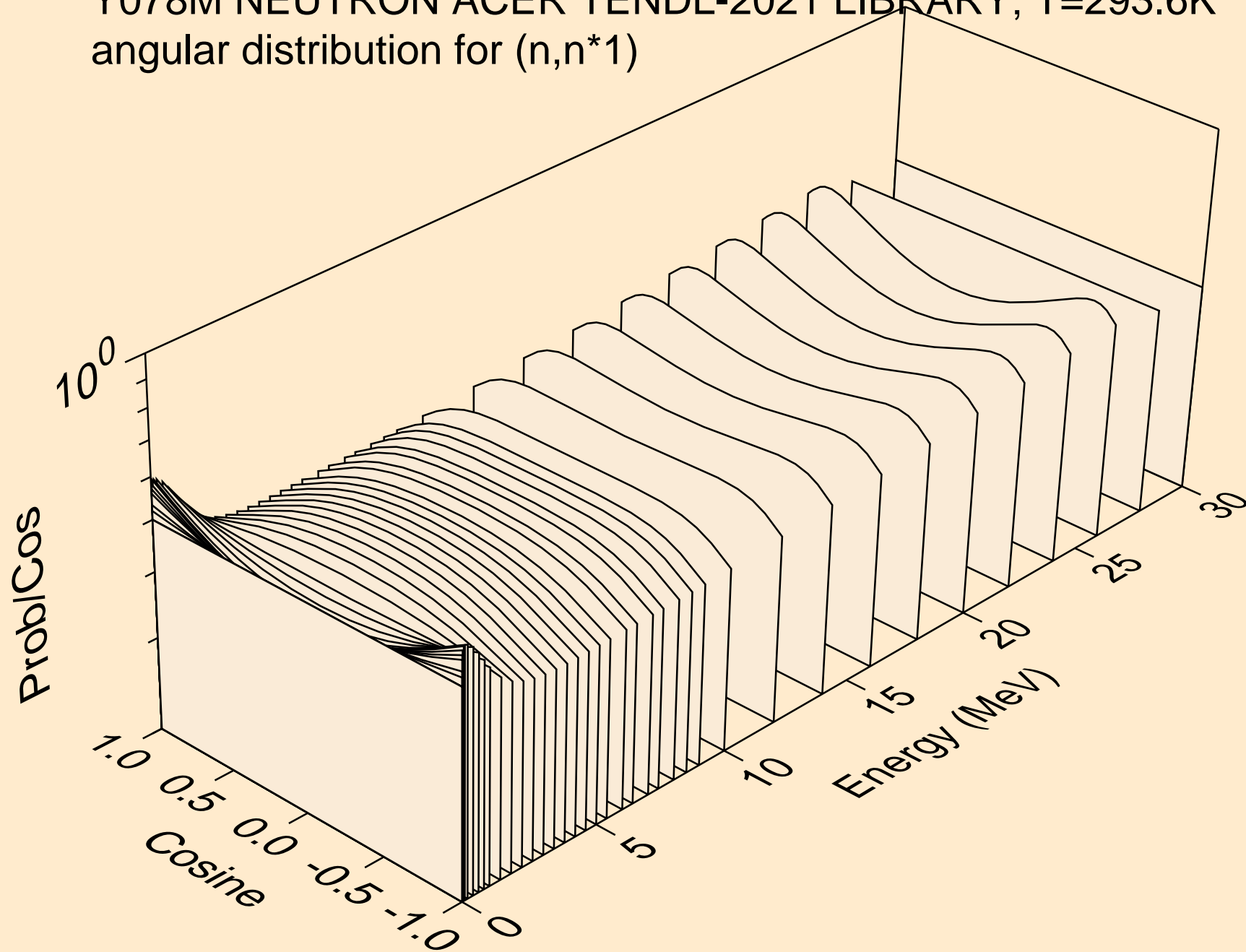
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angular distribution for elastic



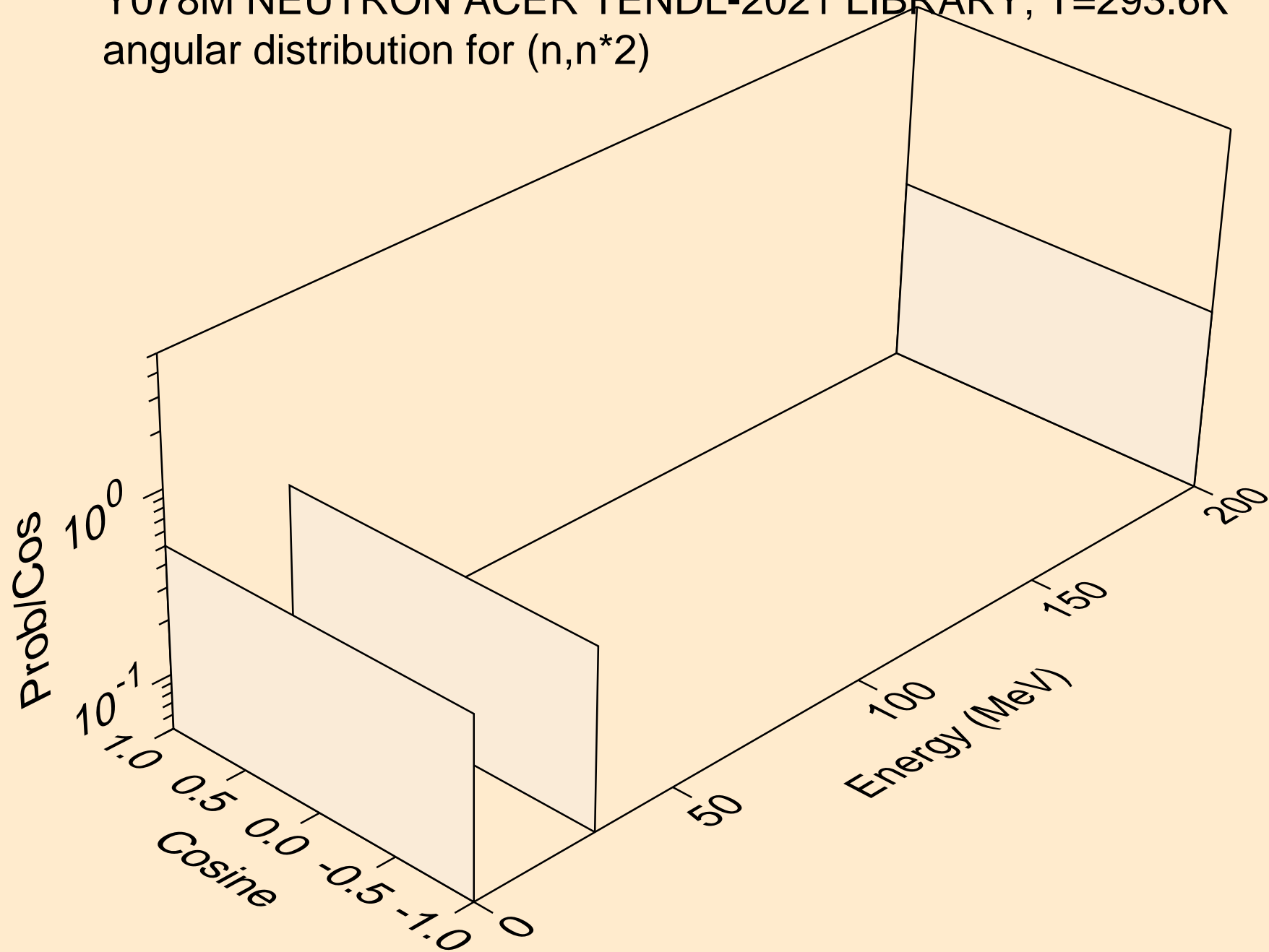
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angular distribution for elastic



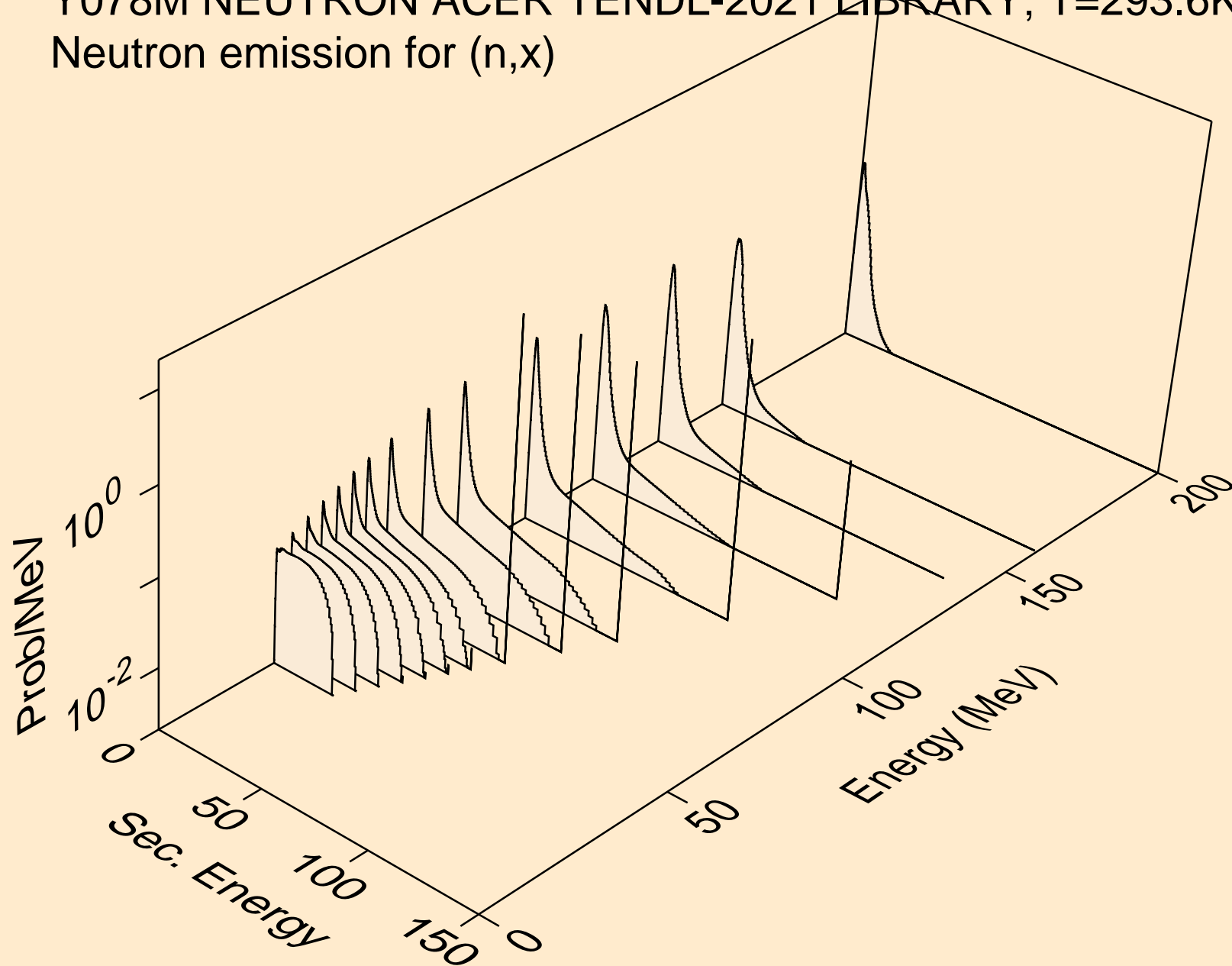
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



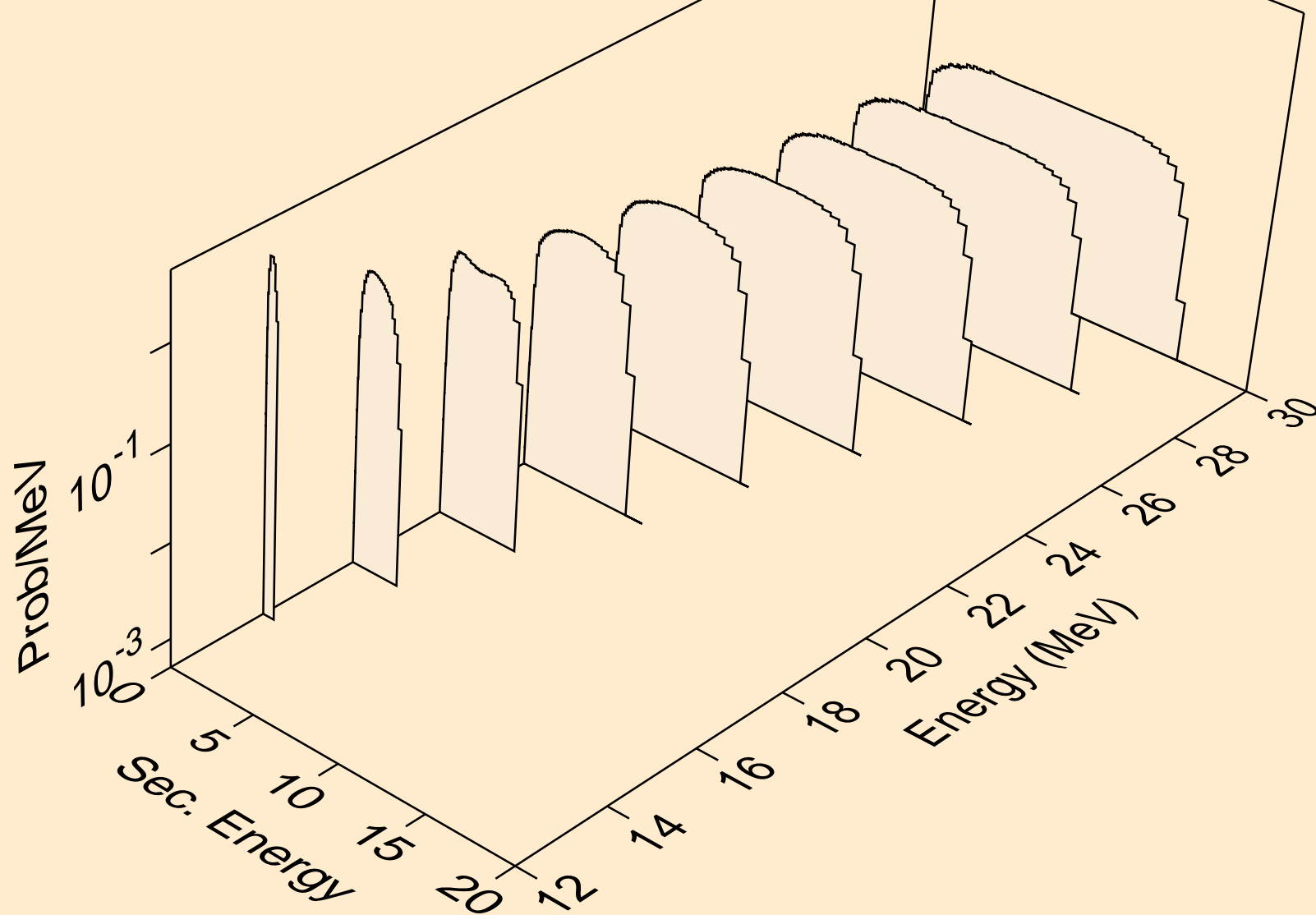
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angular distribution for (n,n\*2)



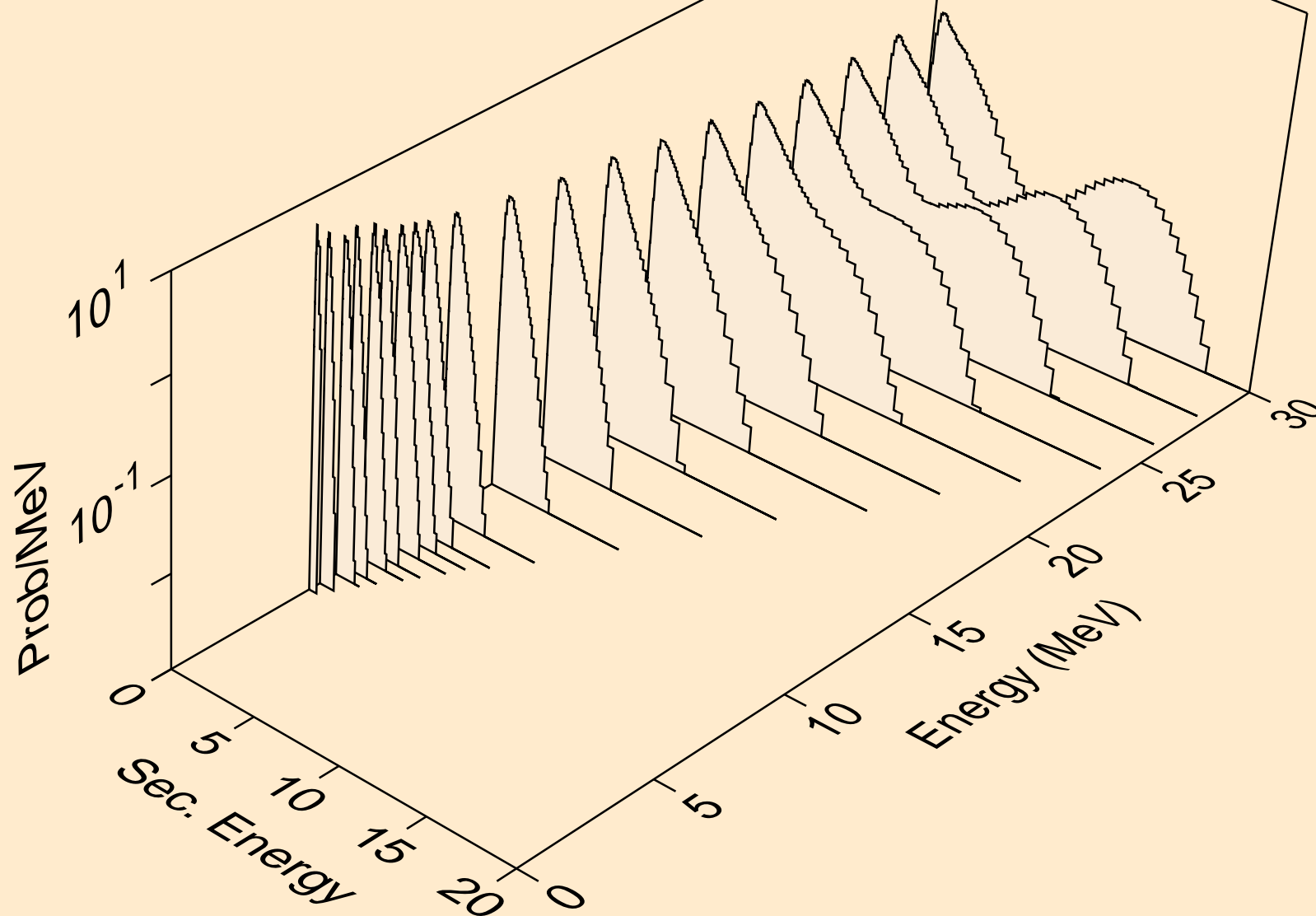
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Neutron emission for (n,x)



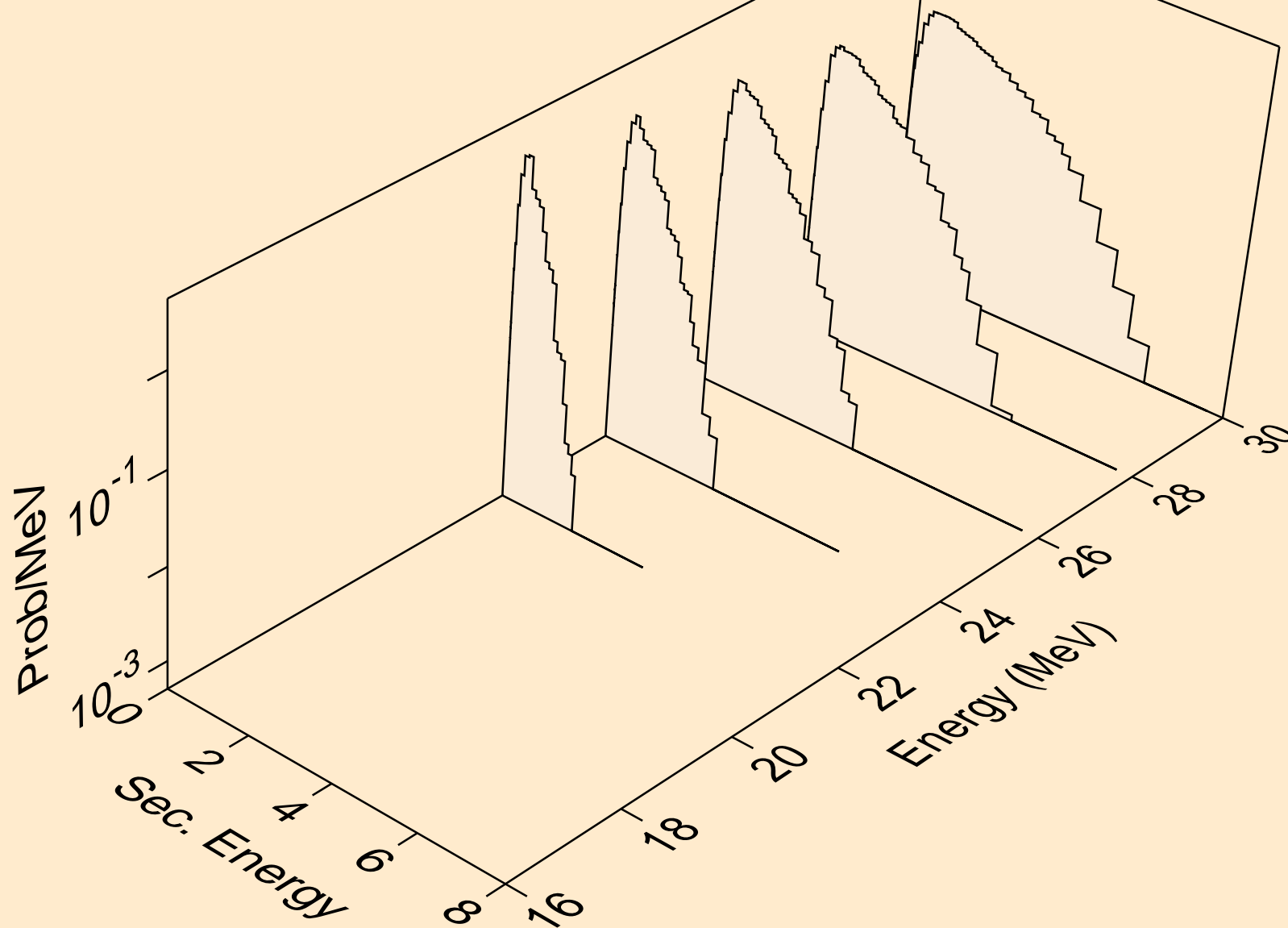
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Neutron emission for (n,2n)



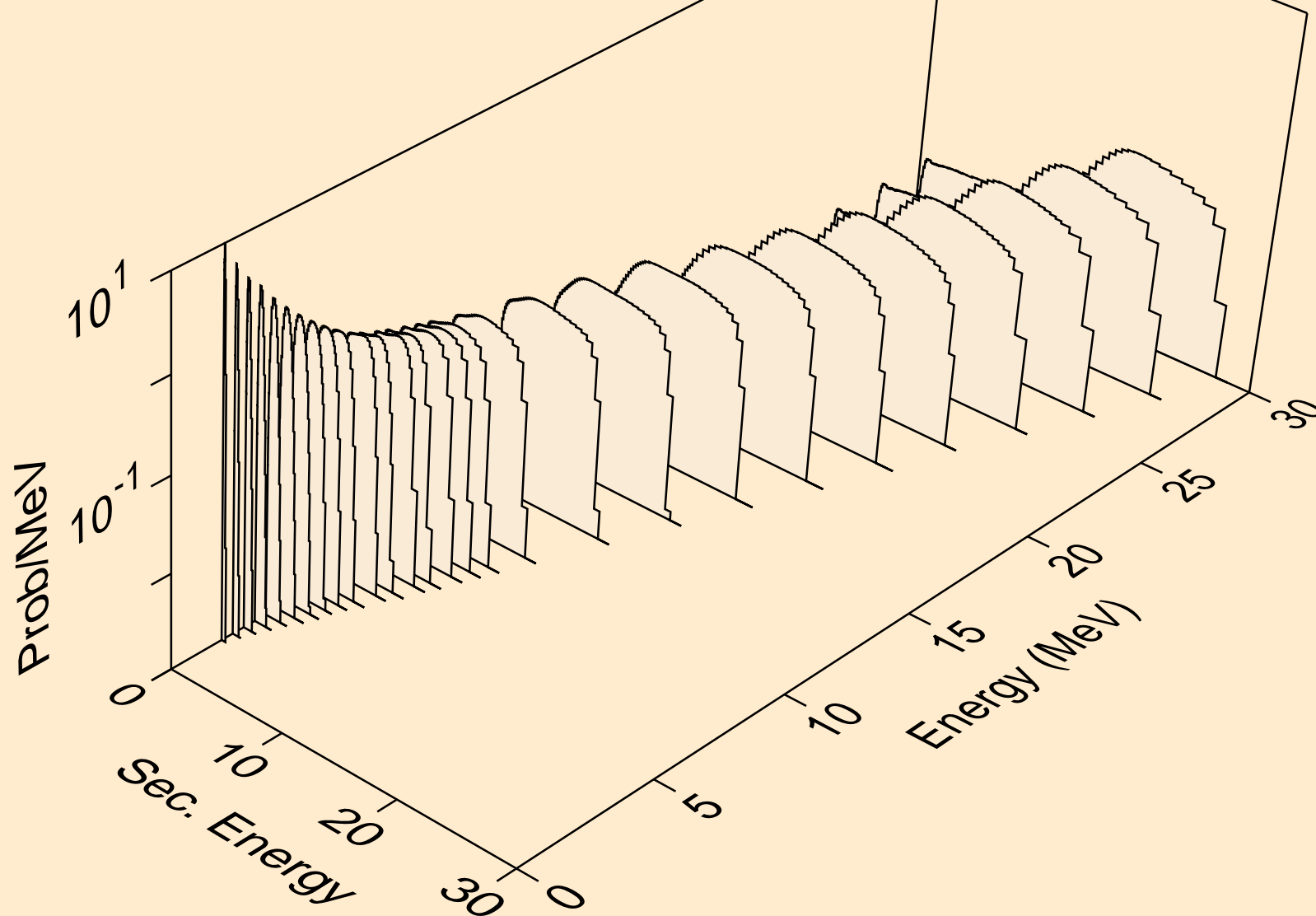
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Neutron emission for (n,n\*)a



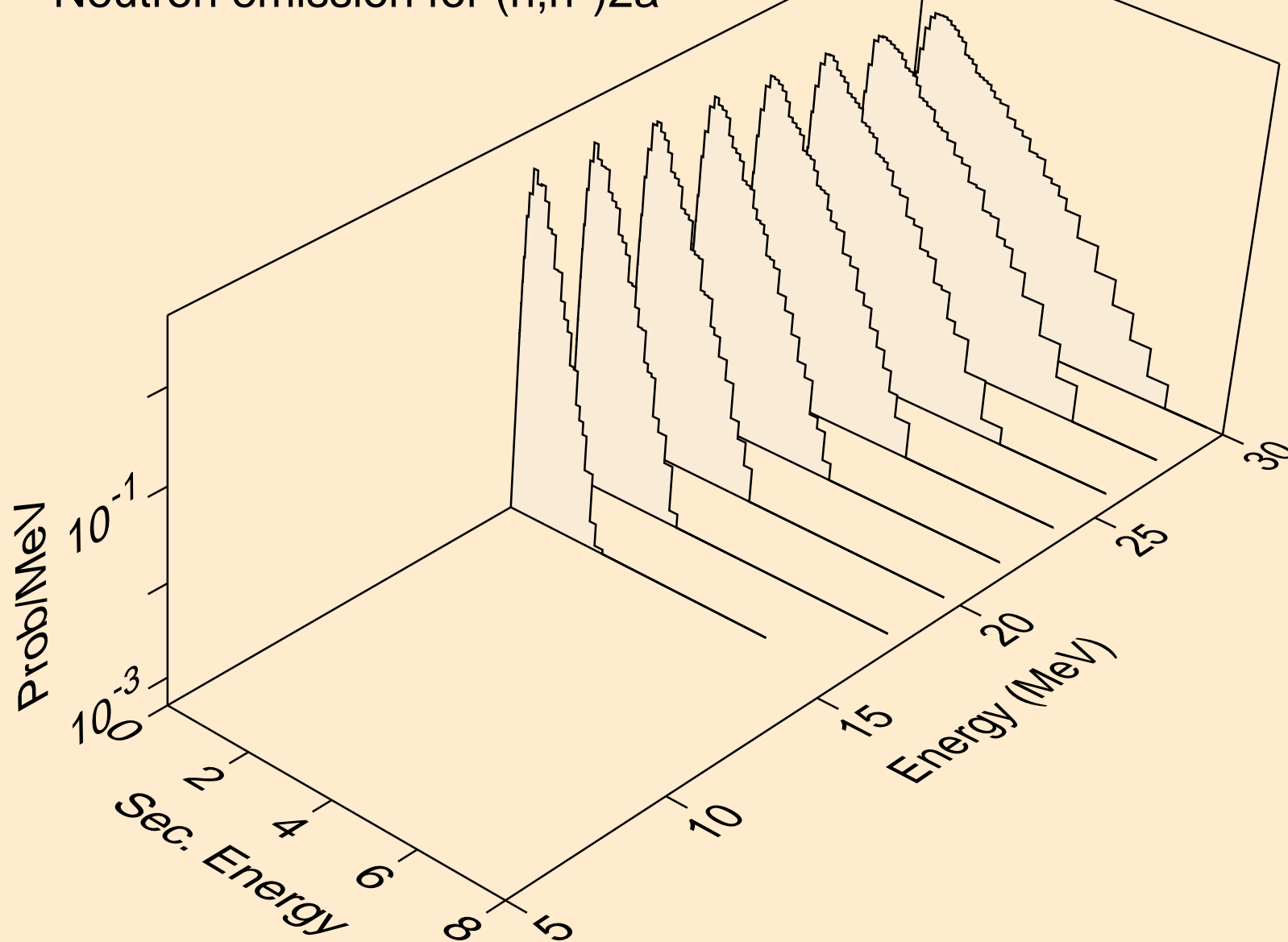
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Neutron emission for (n,2n)<sub>a</sub>



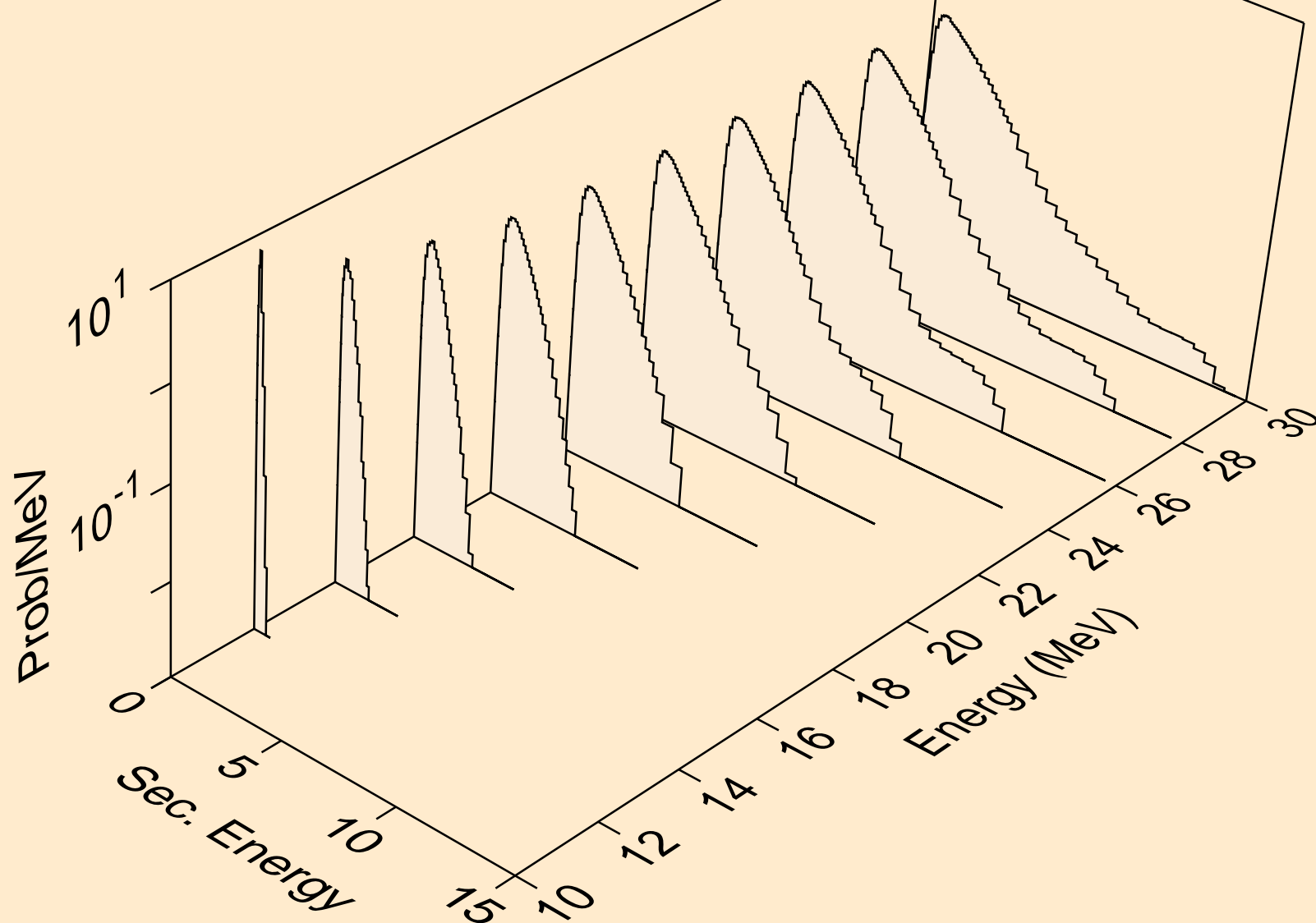
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Neutron emission for (n,n\*)p



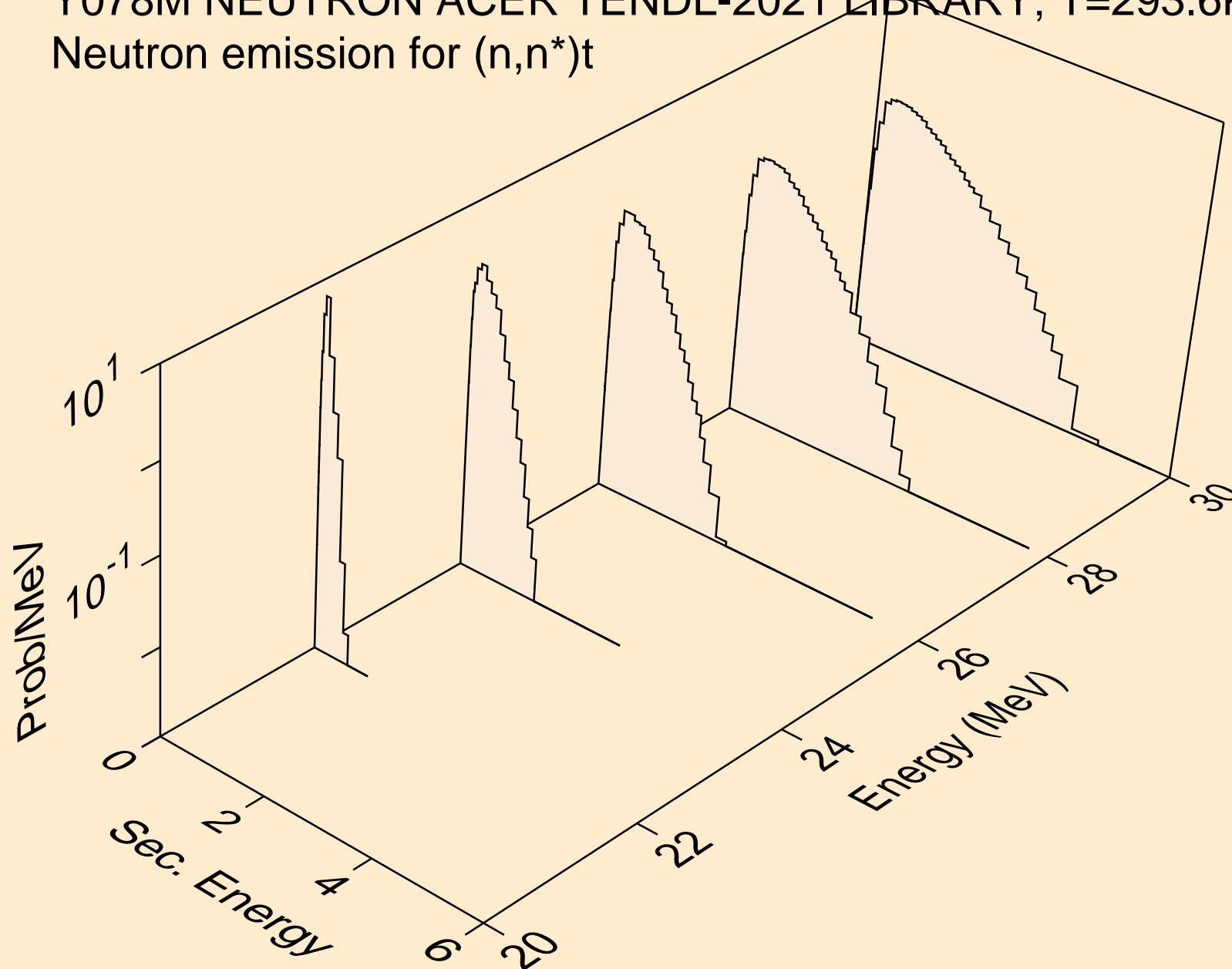
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Neutron emission for (n,n\*)2a



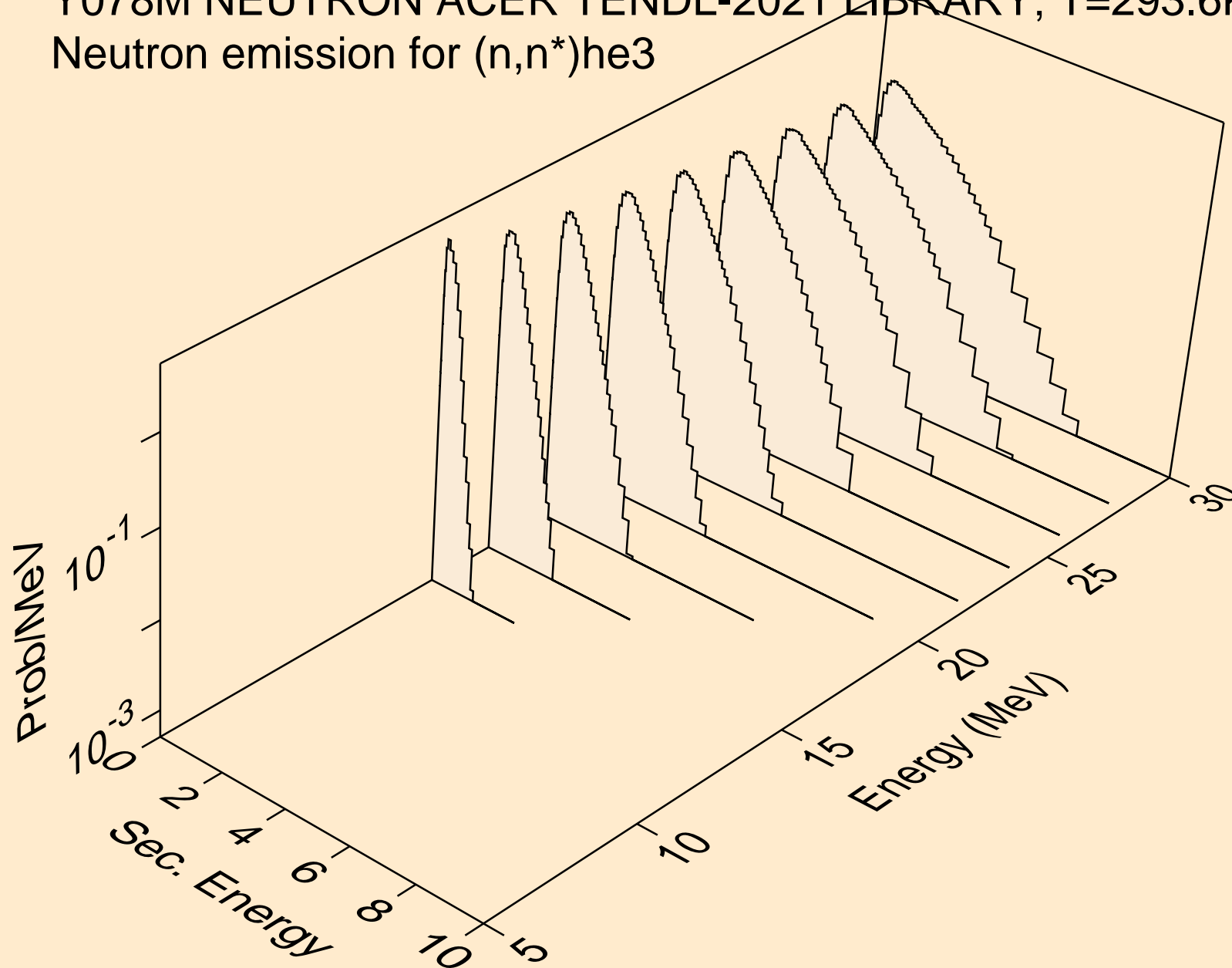
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Neutron emission for (n,n\*)d



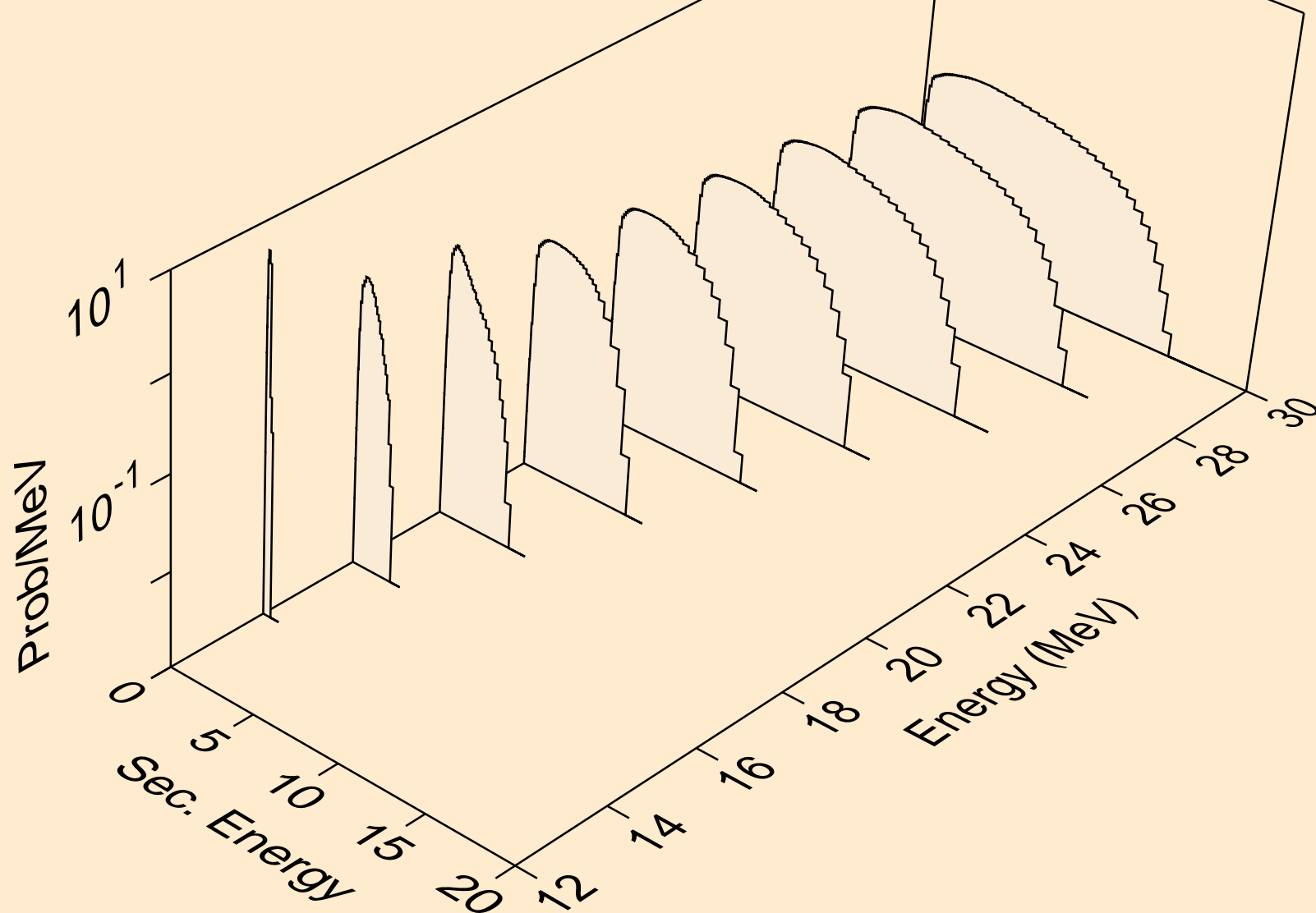
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Neutron emission for (n,n\*)t



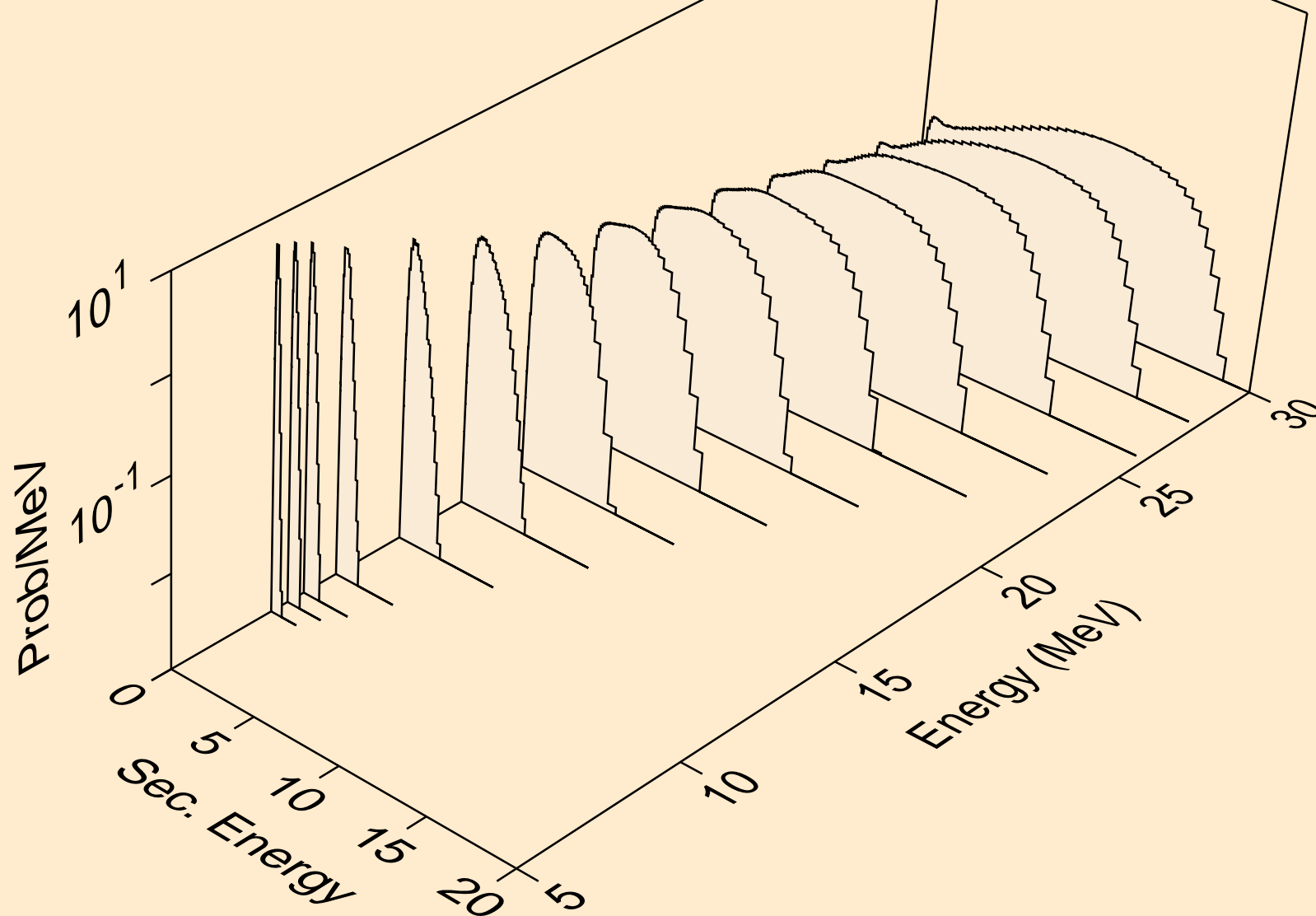
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Neutron emission for (n,n\*)he3



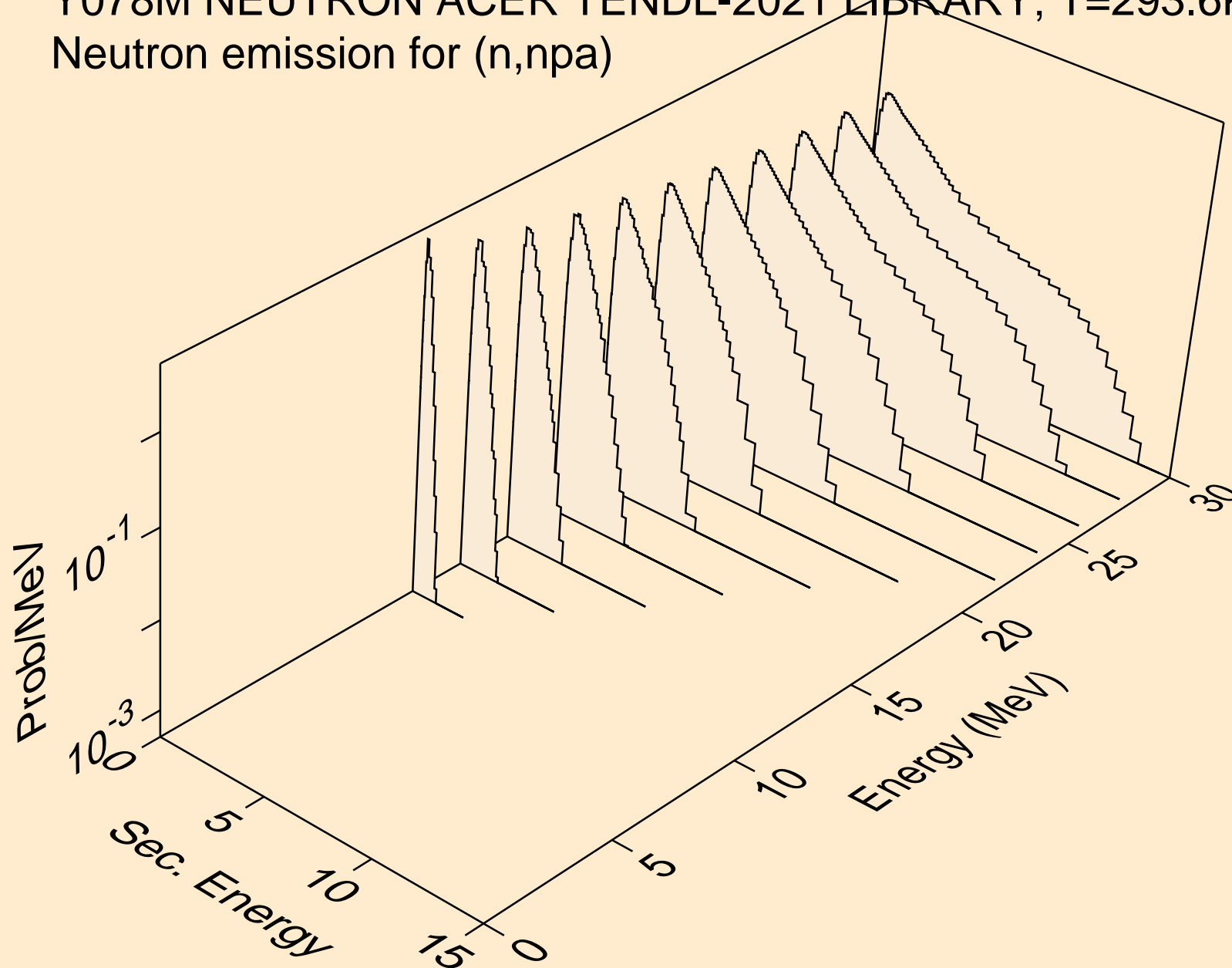
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Neutron emission for (n,2np)



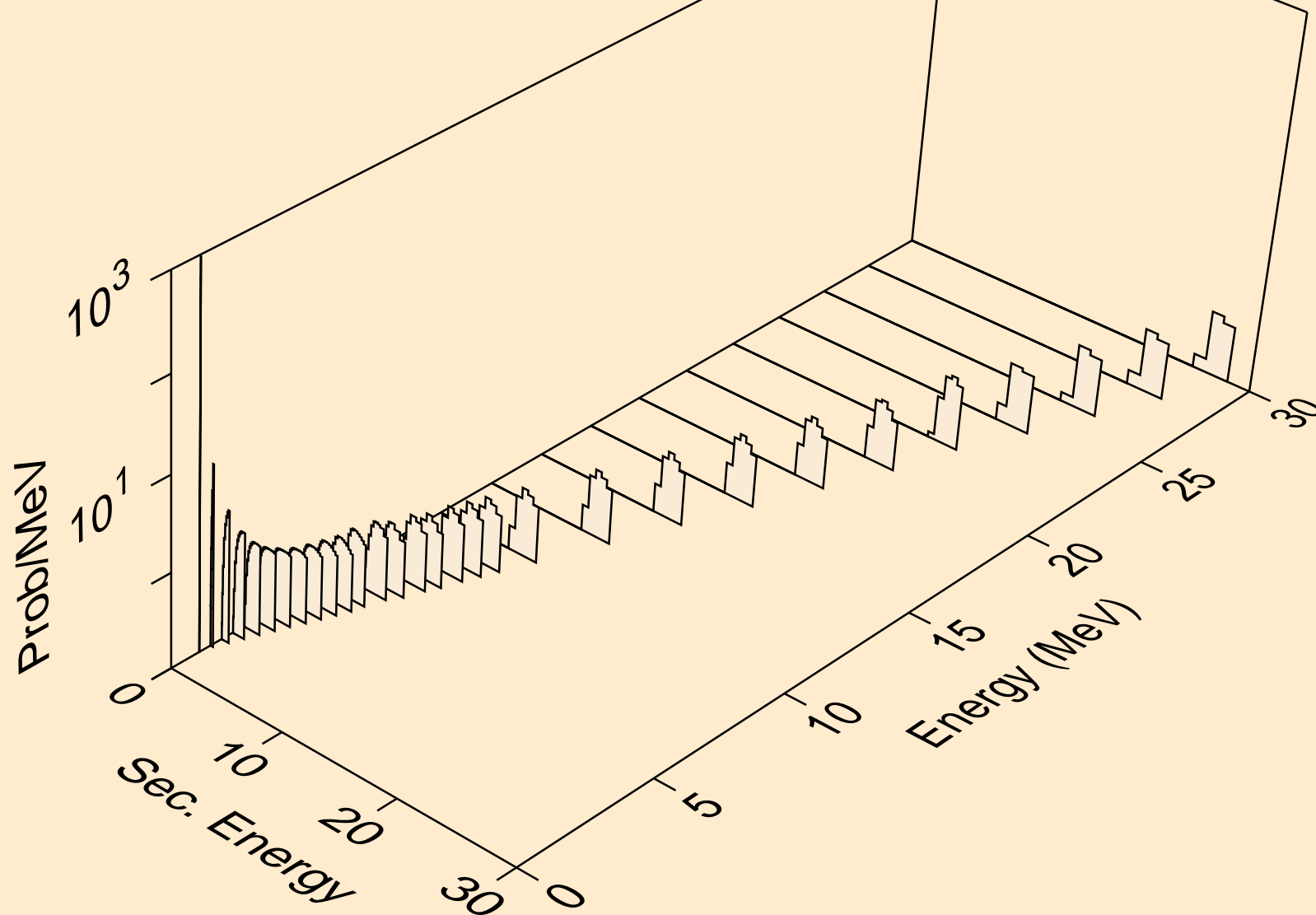
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Neutron emission for (n,2np)



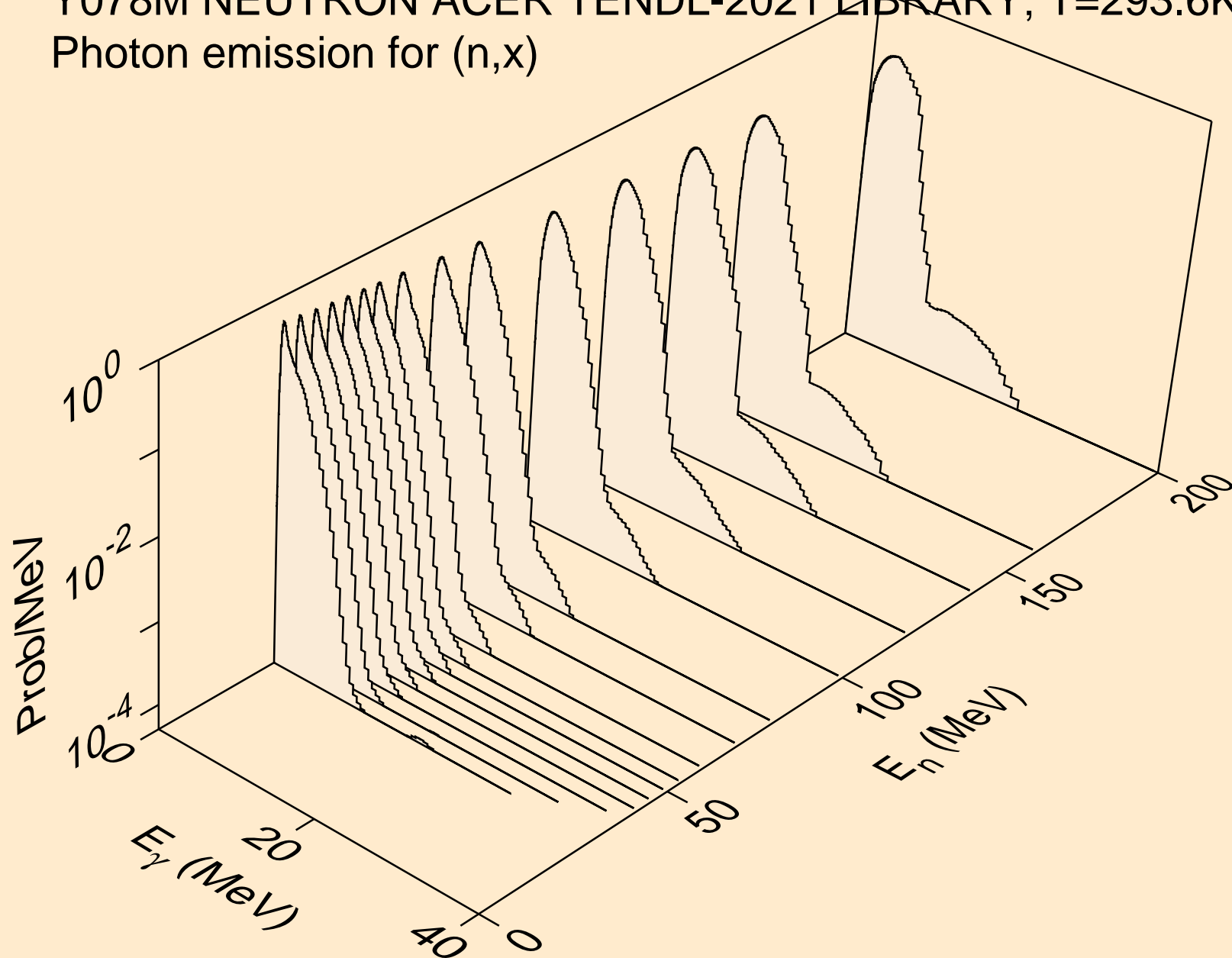
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Neutron emission for (n,npa)



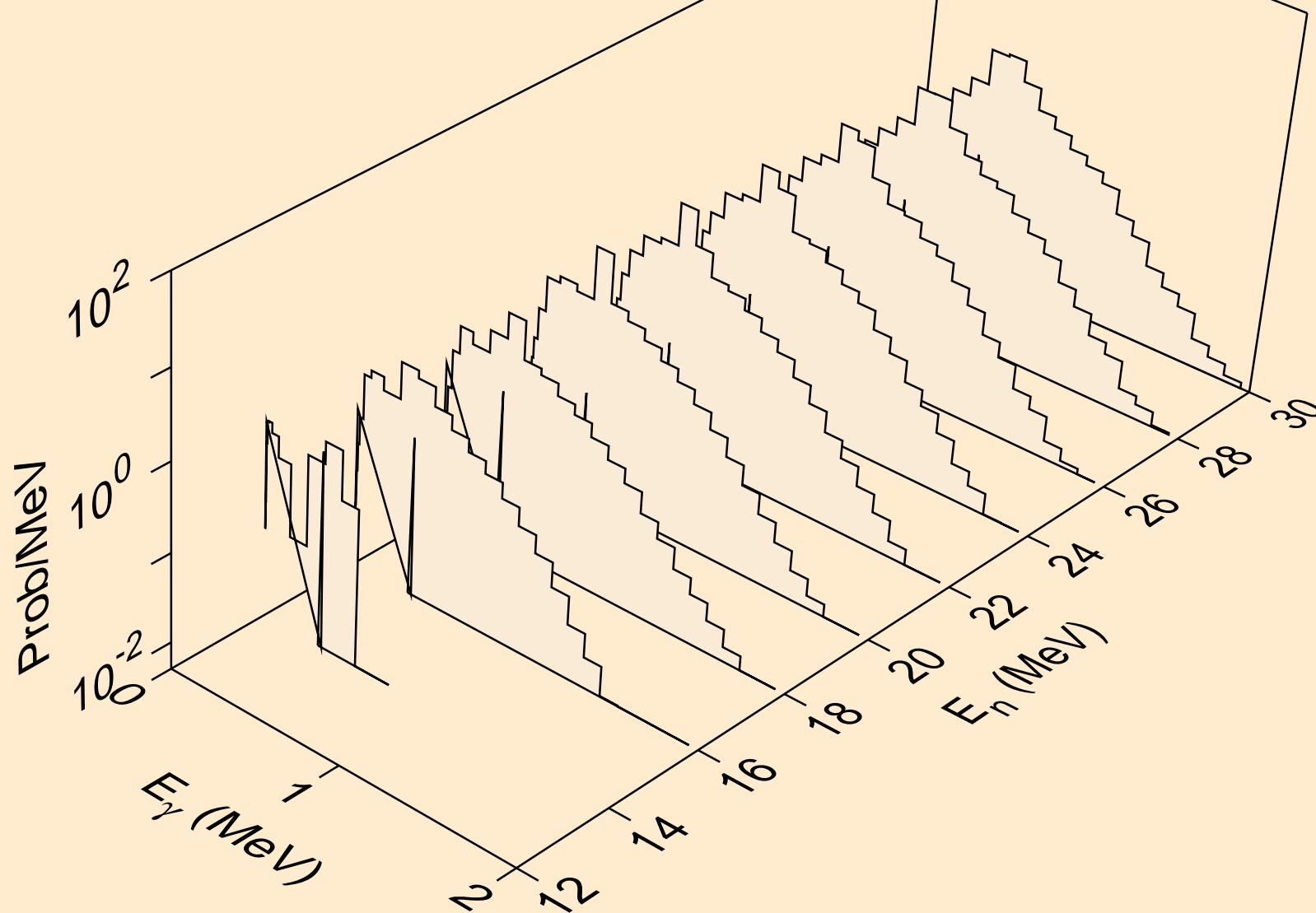
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Neutron emission for (n,n\*c)



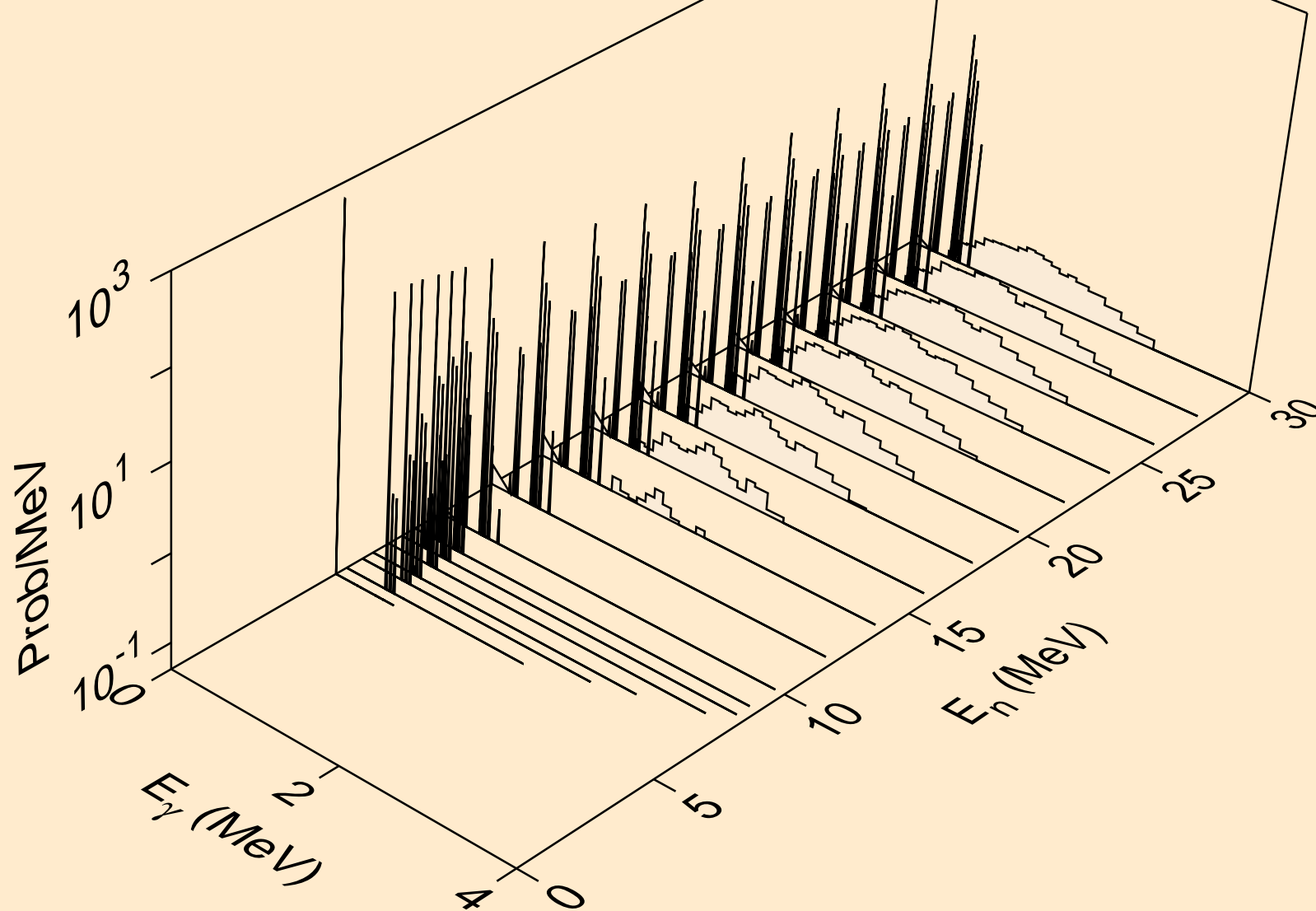
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

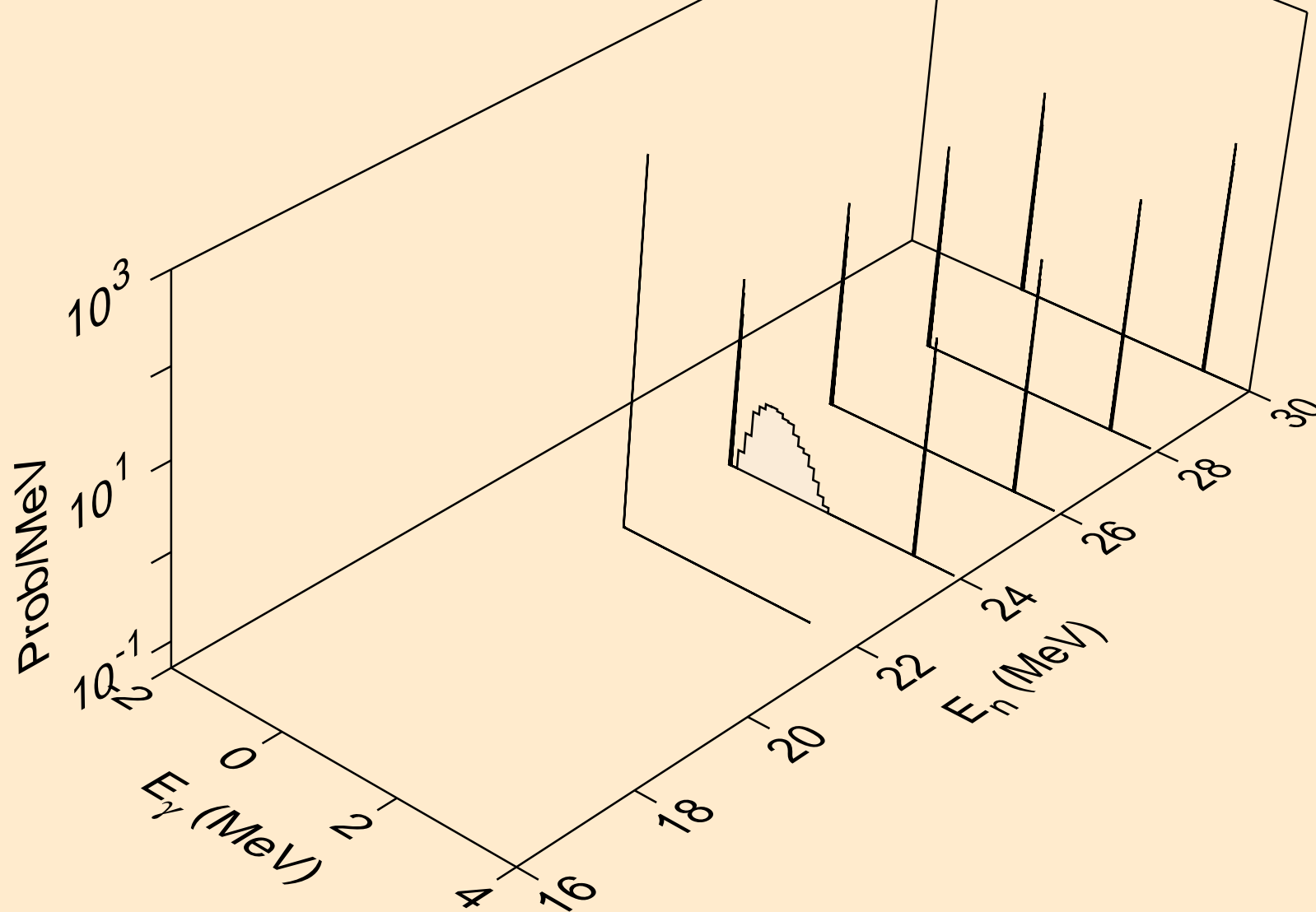


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Photon emission for (n,n\*)a



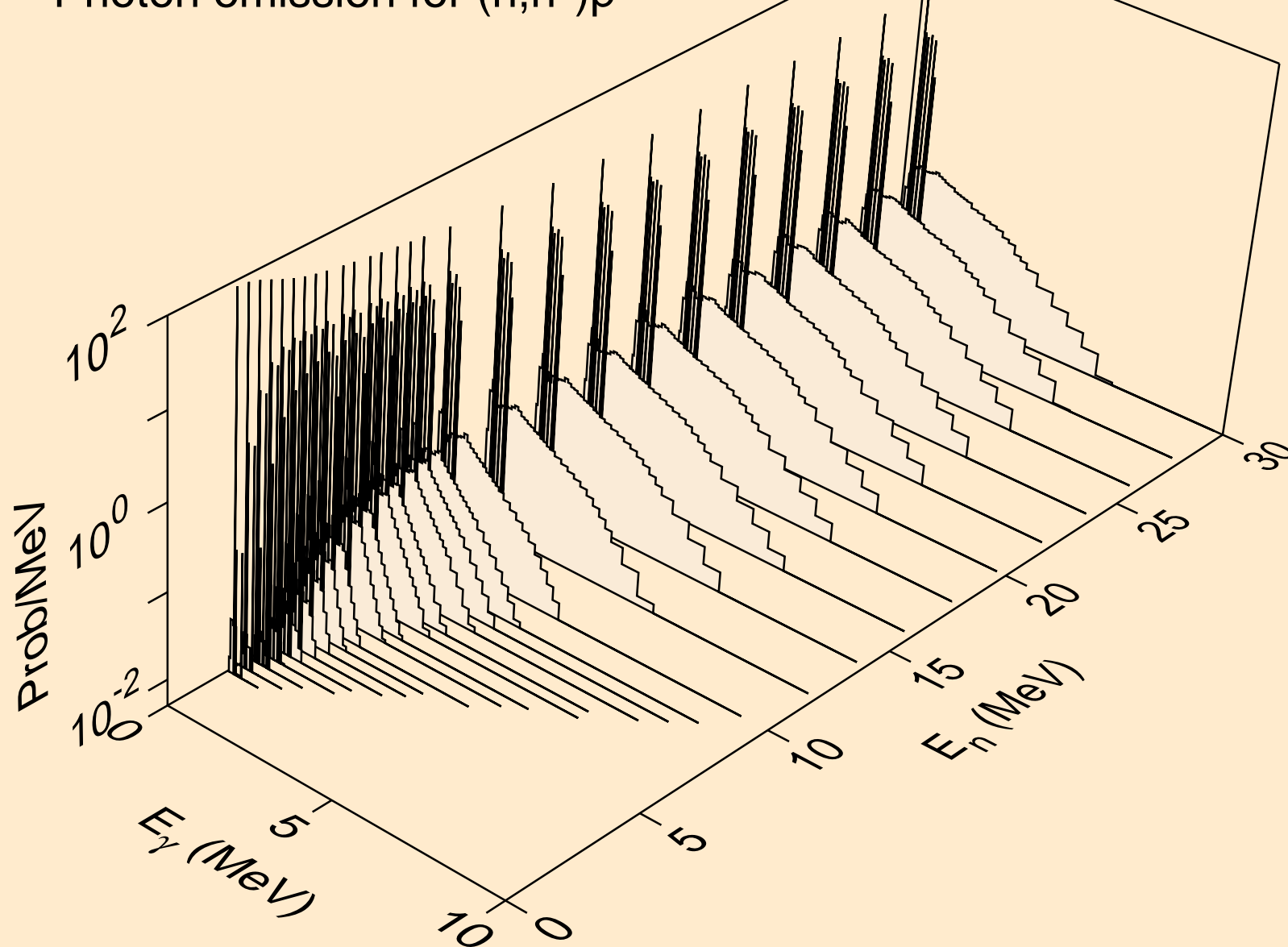
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Photon emission for (n,2n) $\alpha$

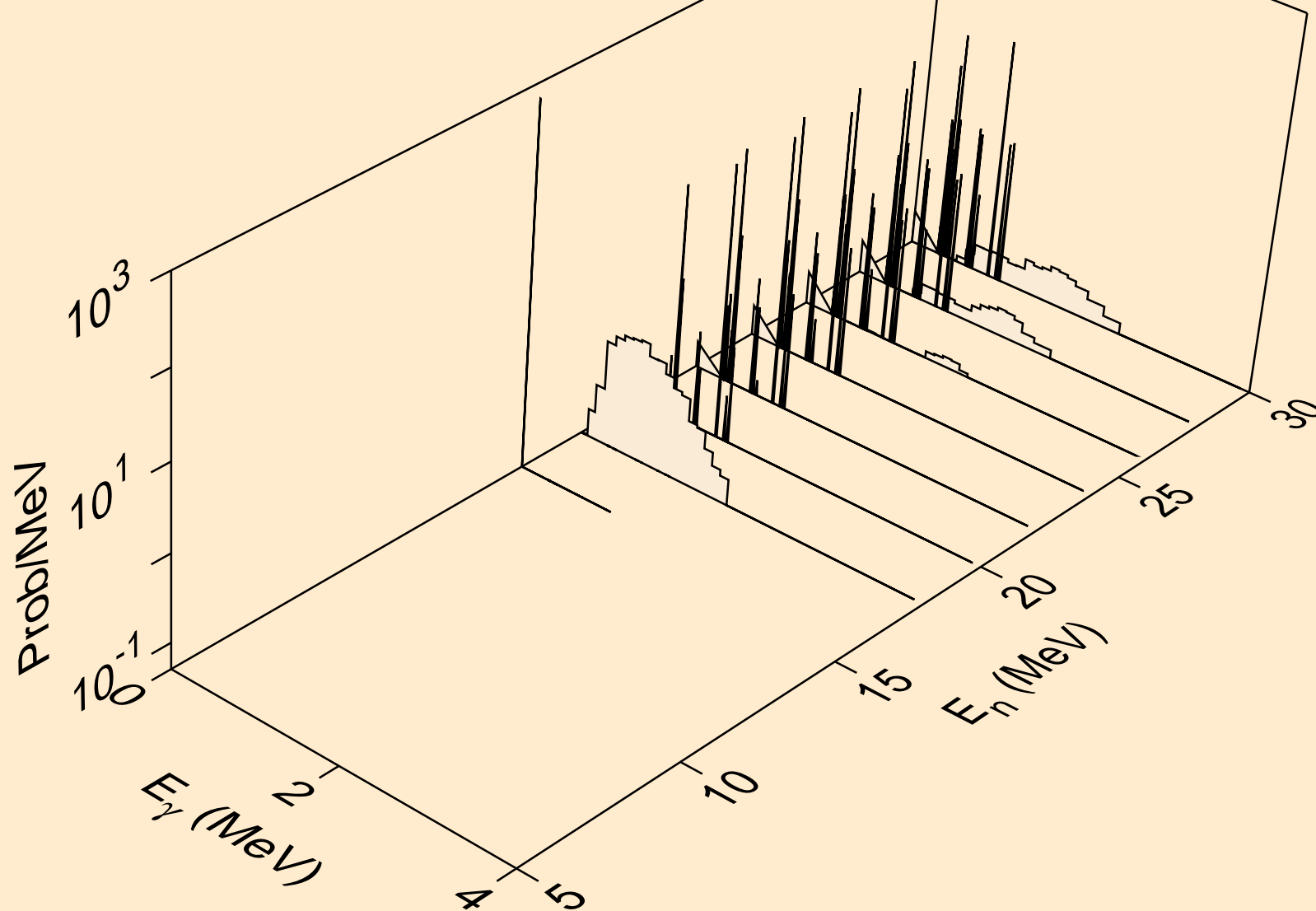


Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Photon emission for (n,n\*)p

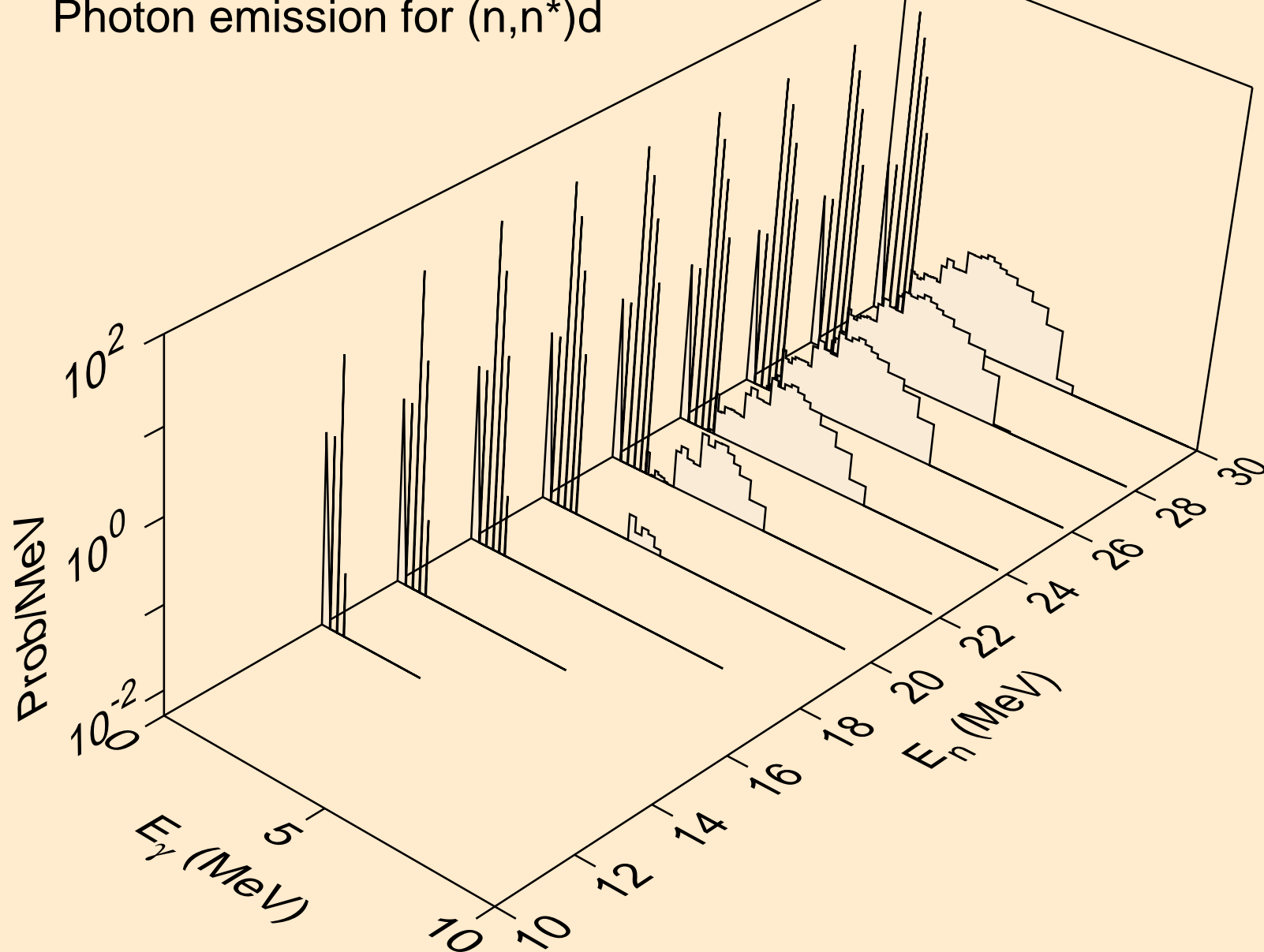


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Photon emission for (n,n\*)2a



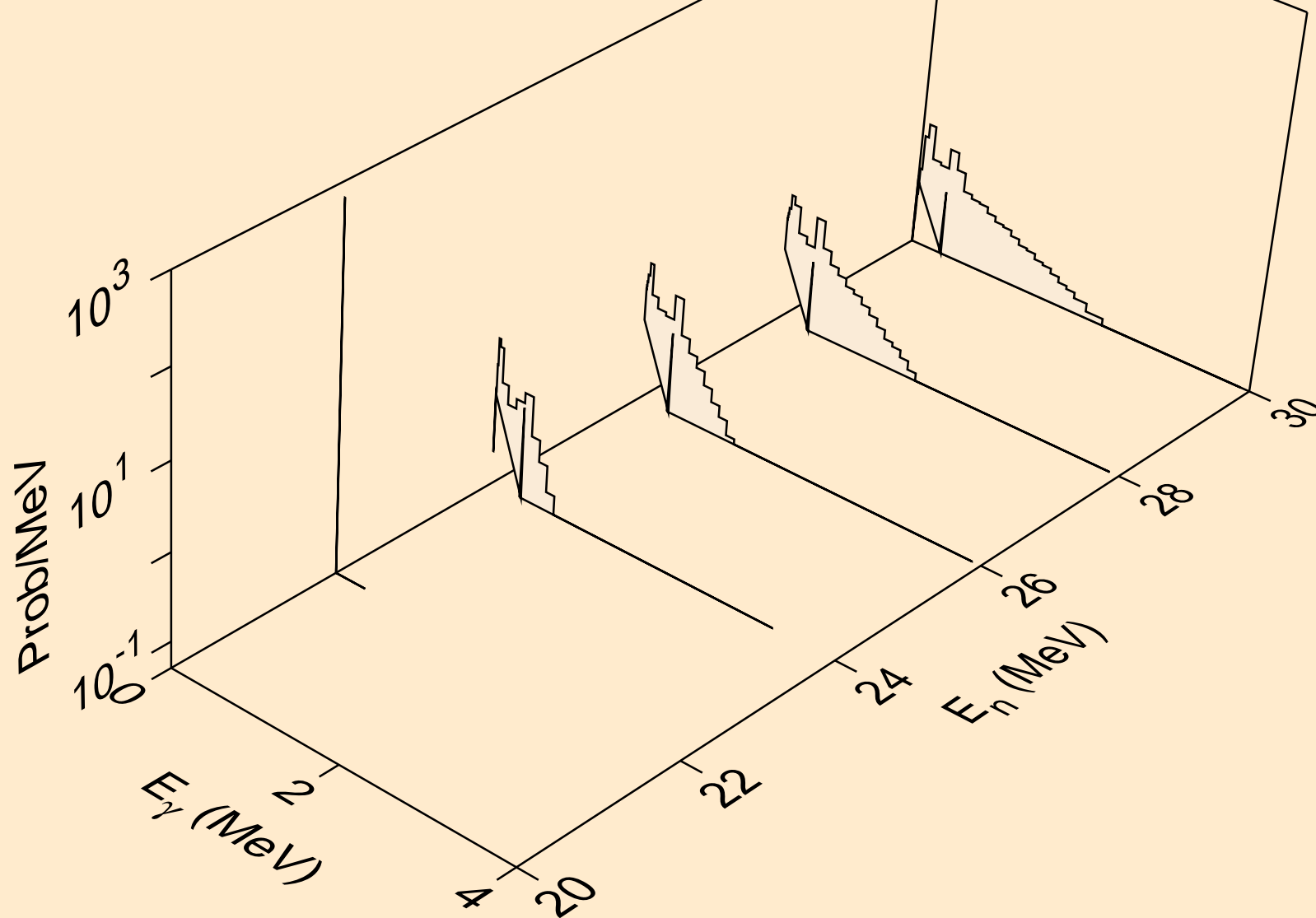
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Photon emission for (n,n\*)d



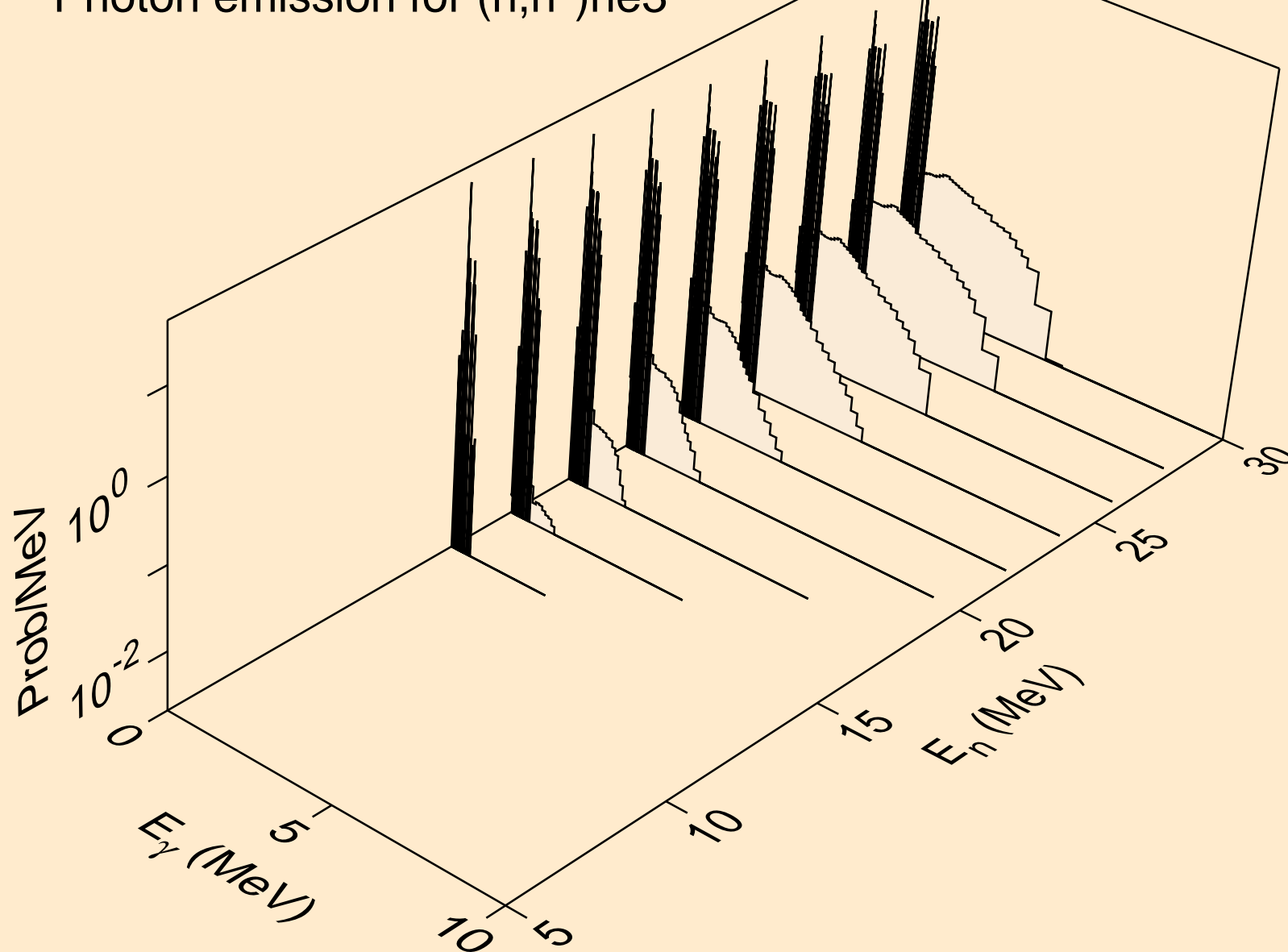
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Photon emission for (n,n\*)t

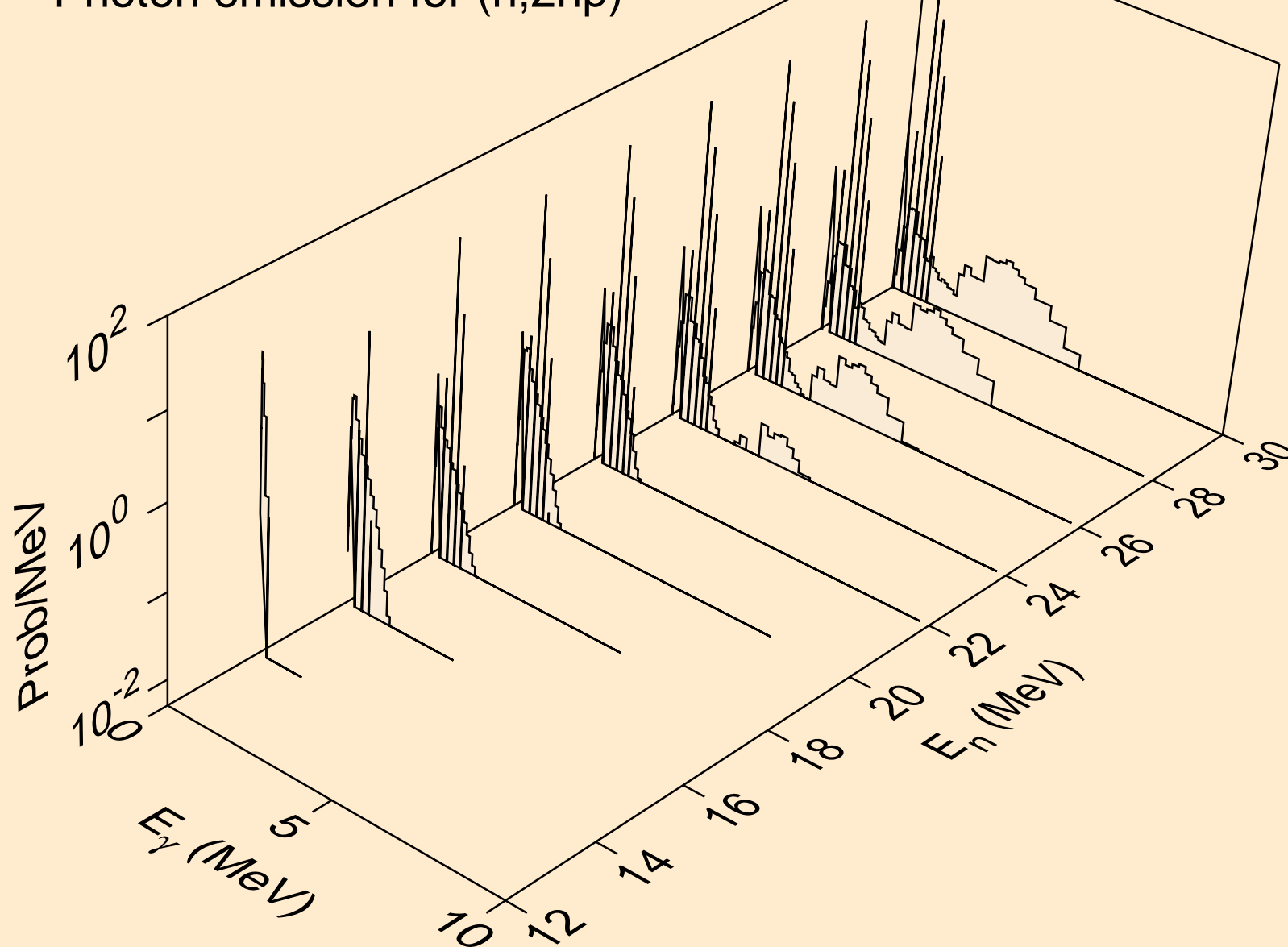


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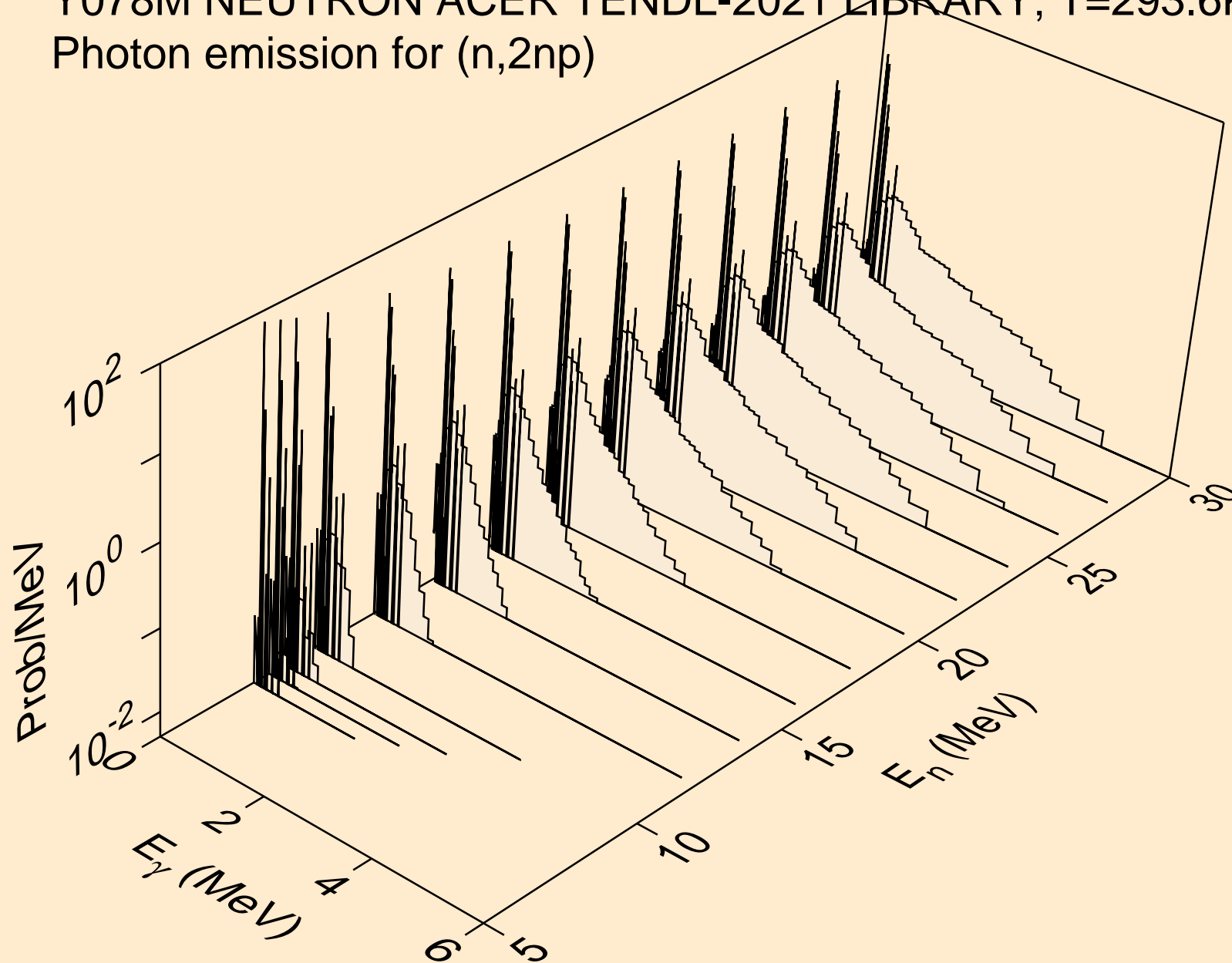
Photon emission for (n,n\*)he3



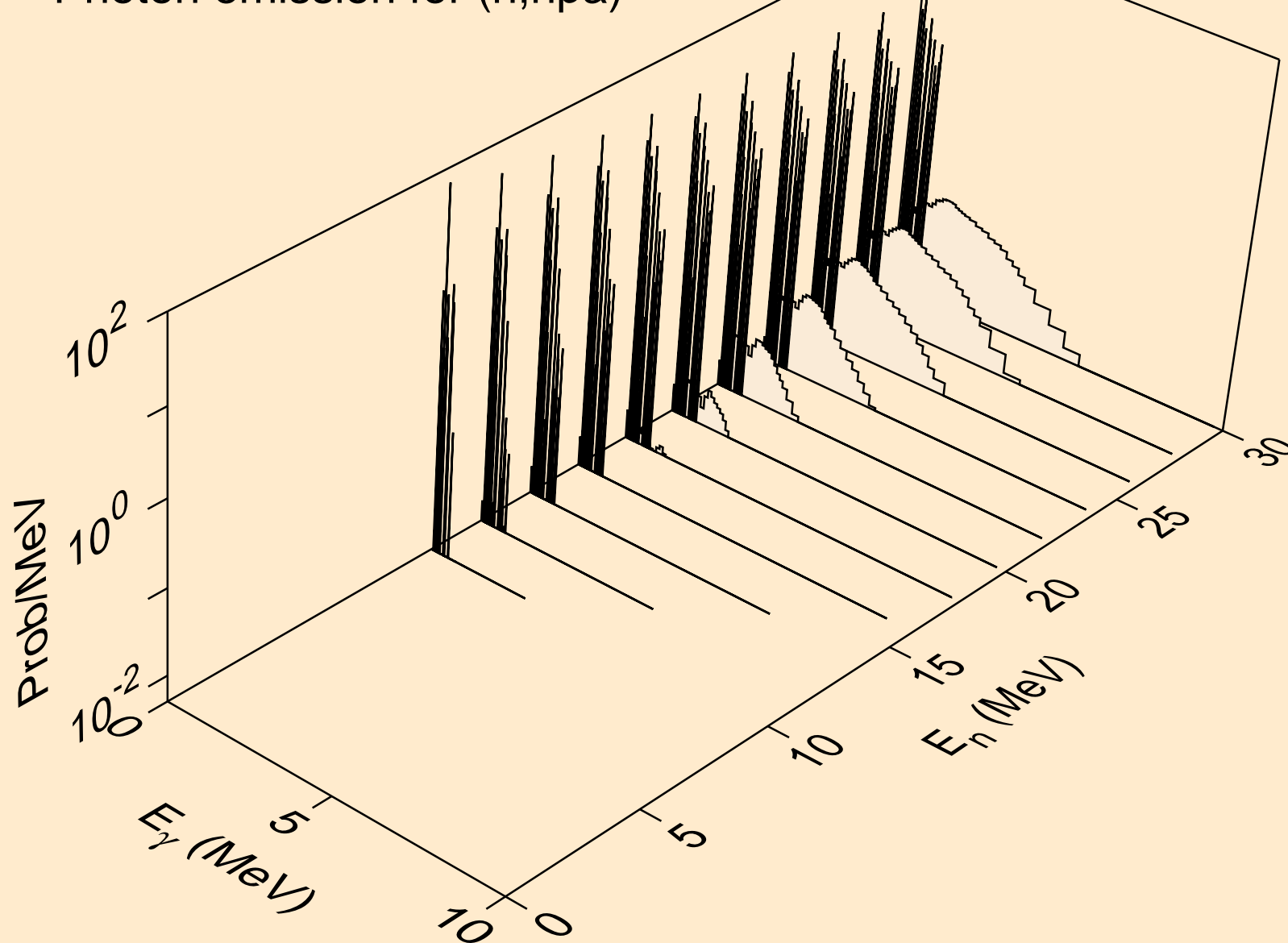
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Photon emission for (n,2np)



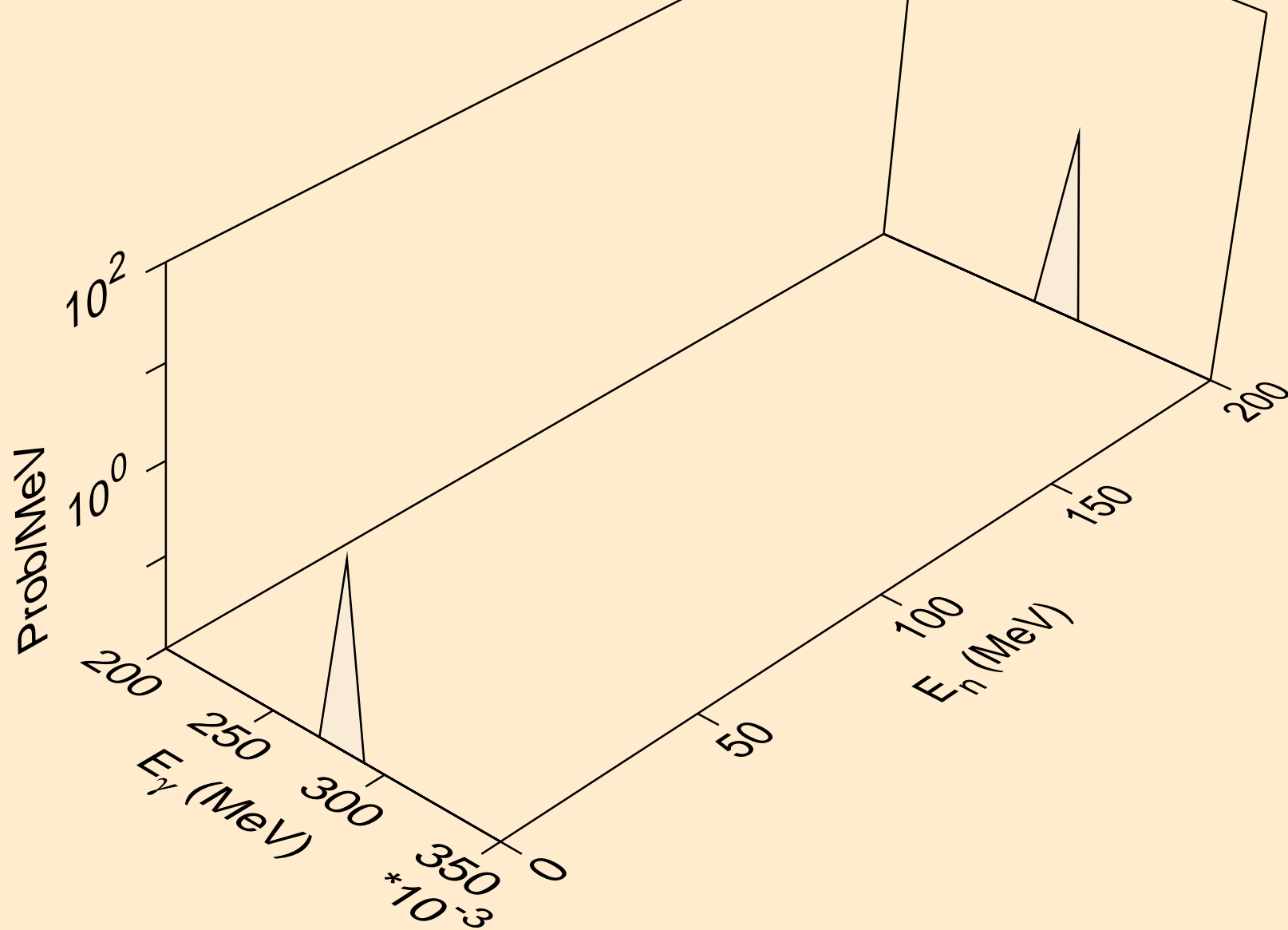
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Photon emission for (n,2np)



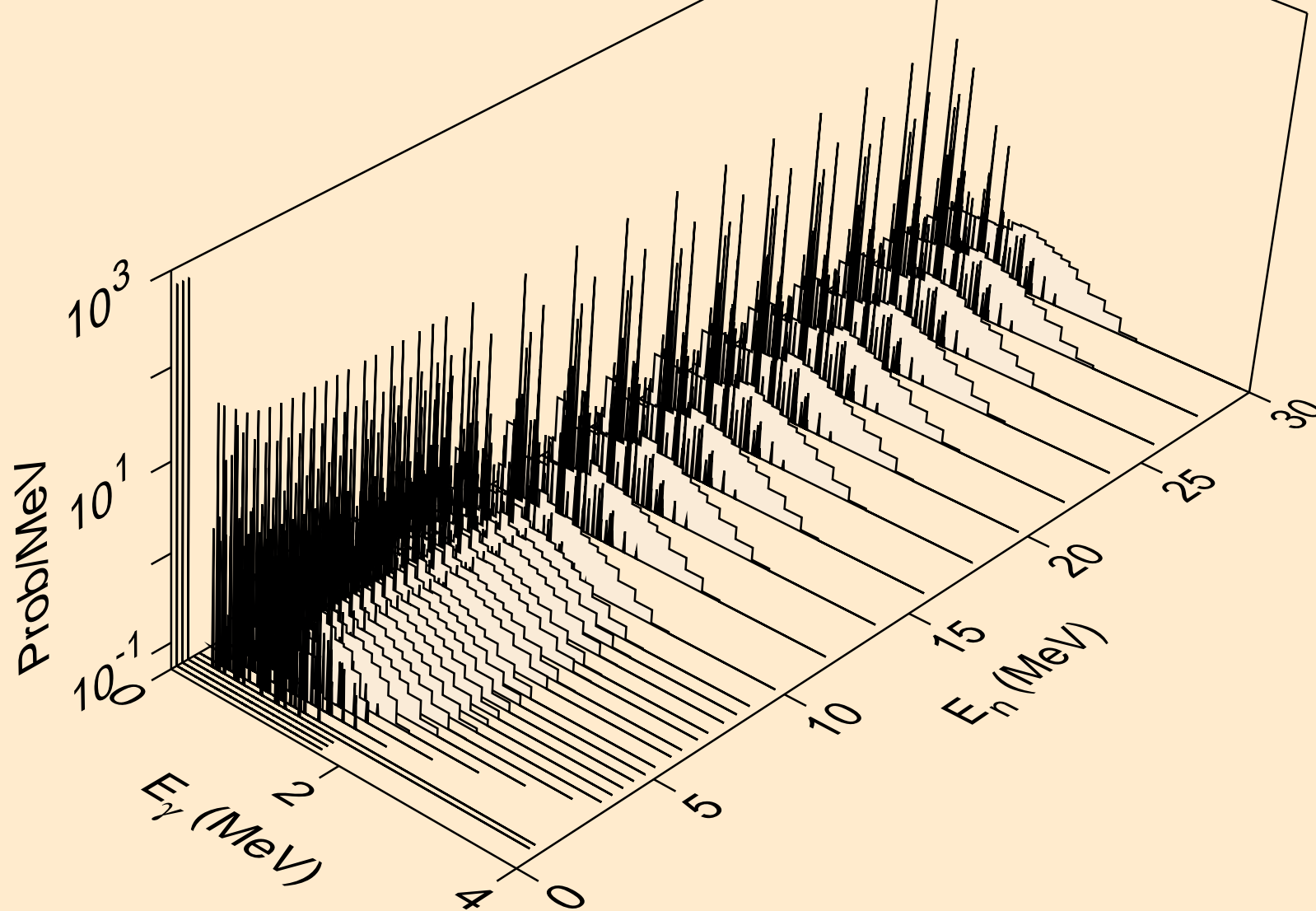
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Photon emission for (n,npa)



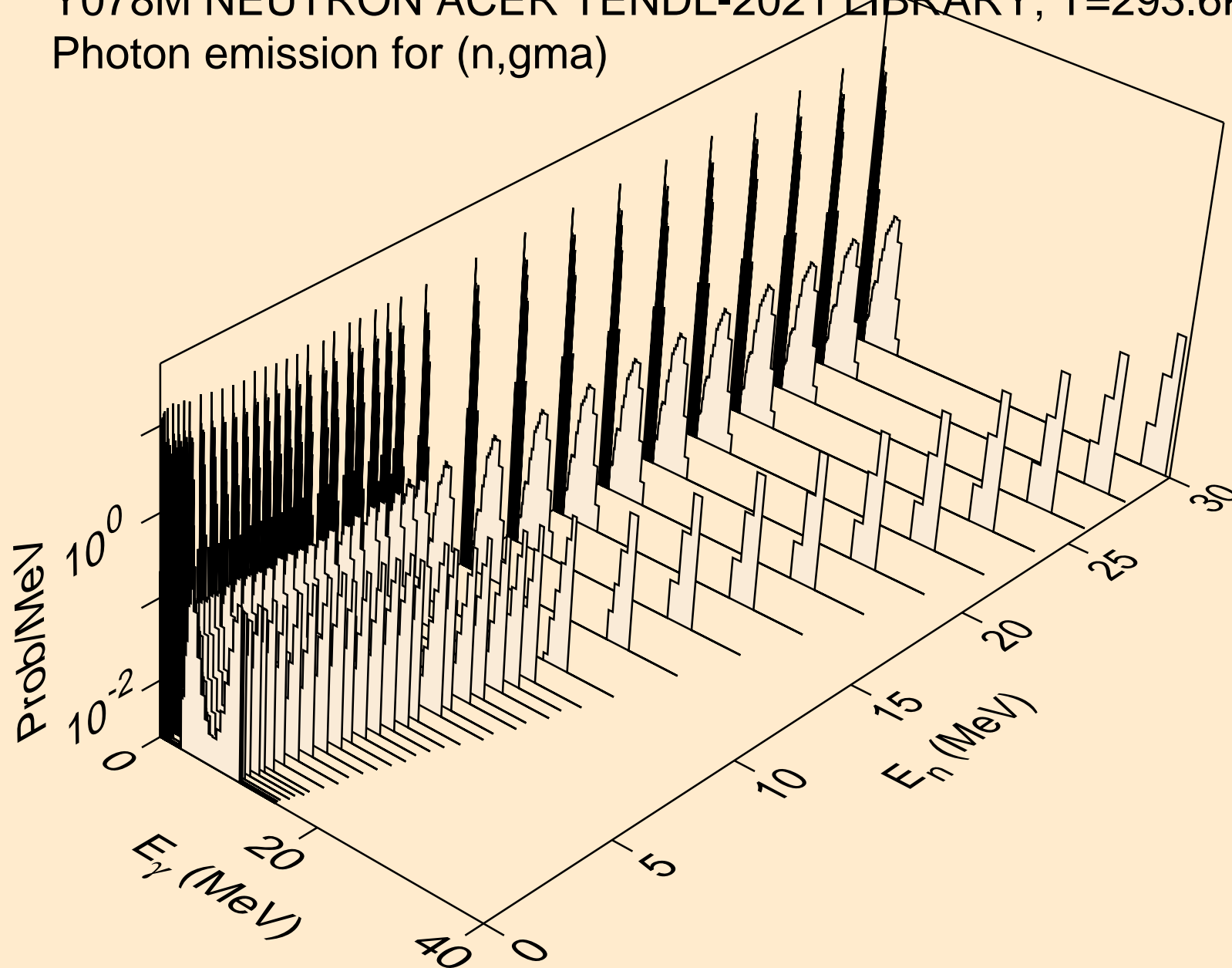
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Photon emission for (n,n\*1)



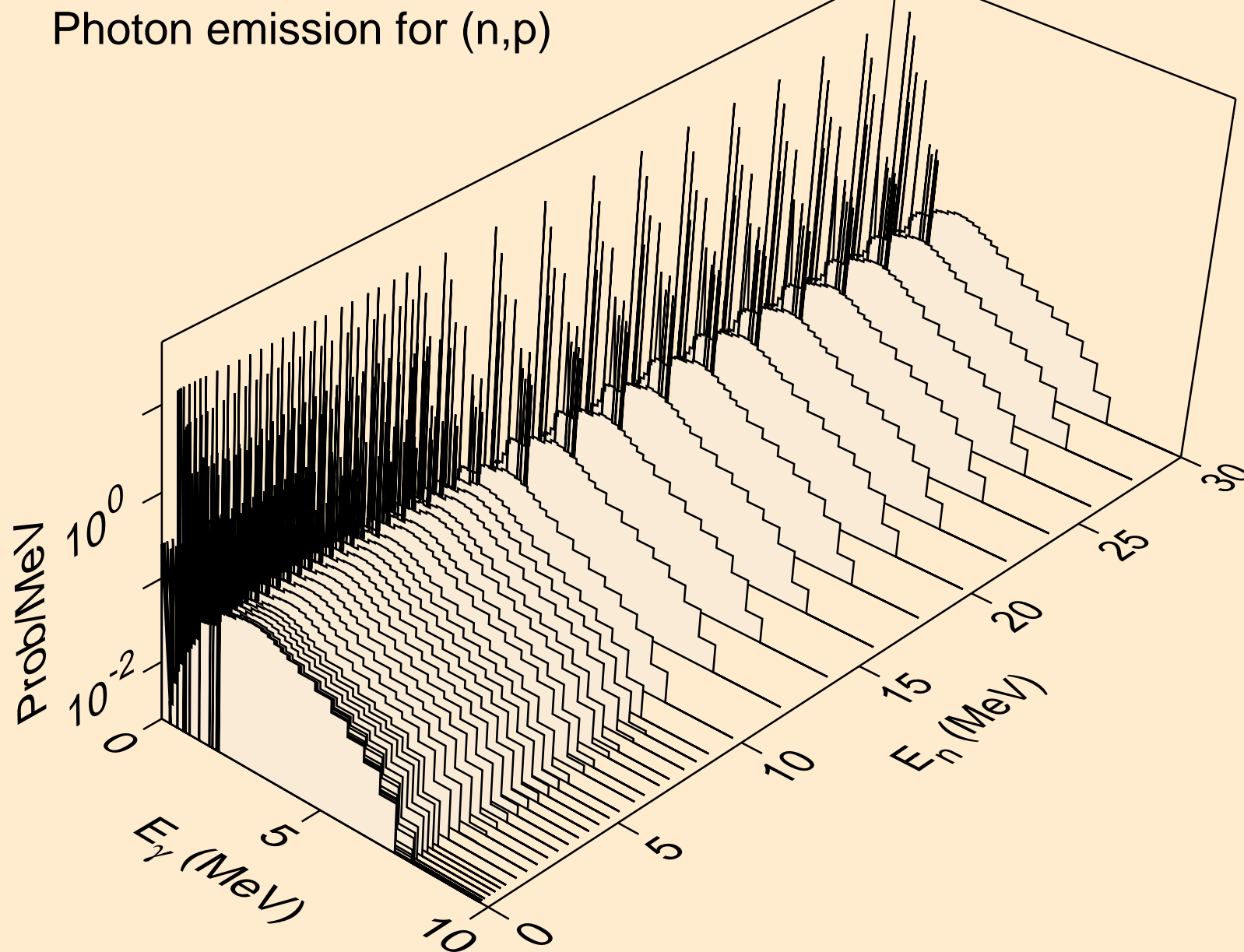
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Photon emission for (n,n\*c)



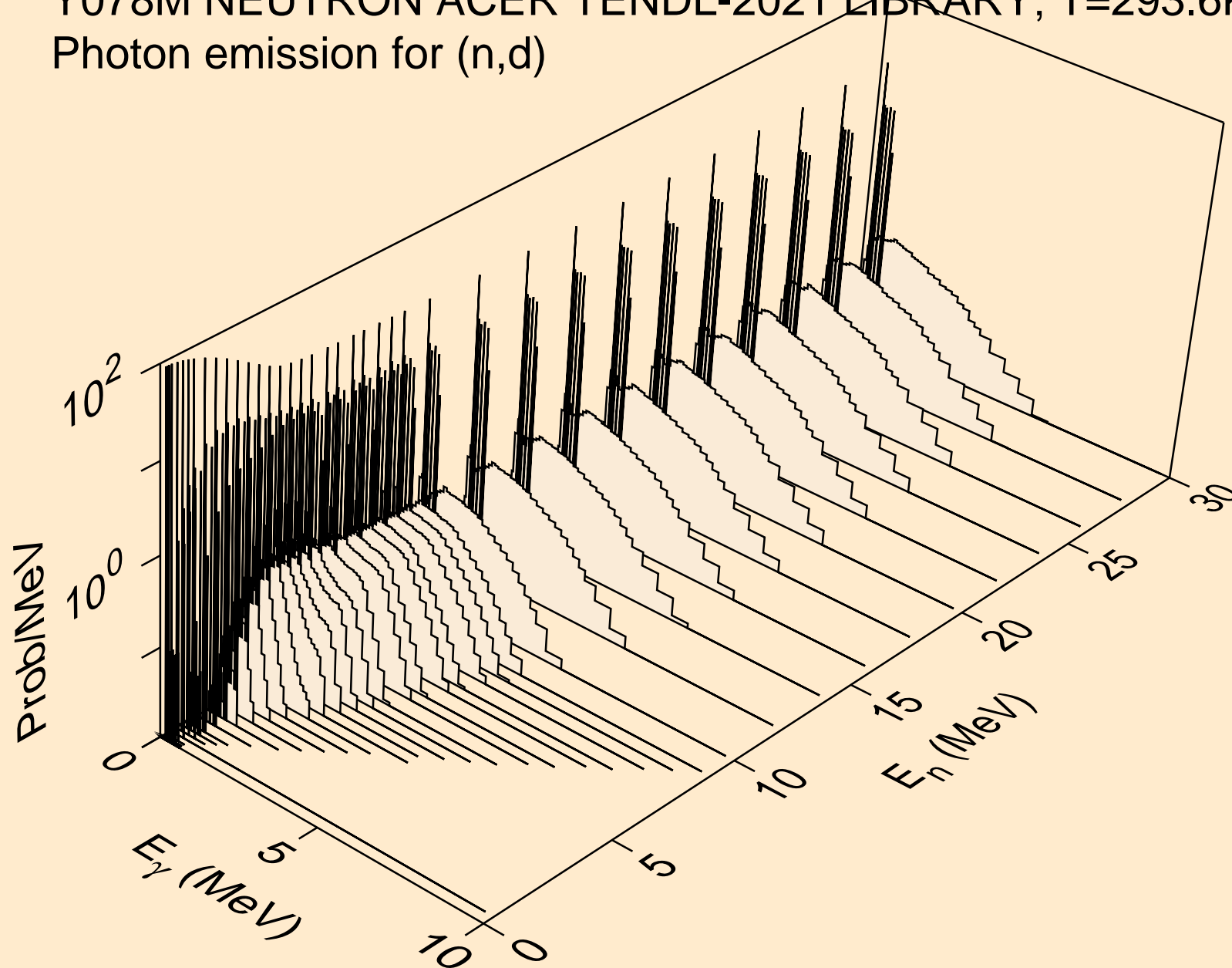
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Photon emission for (n,gma)



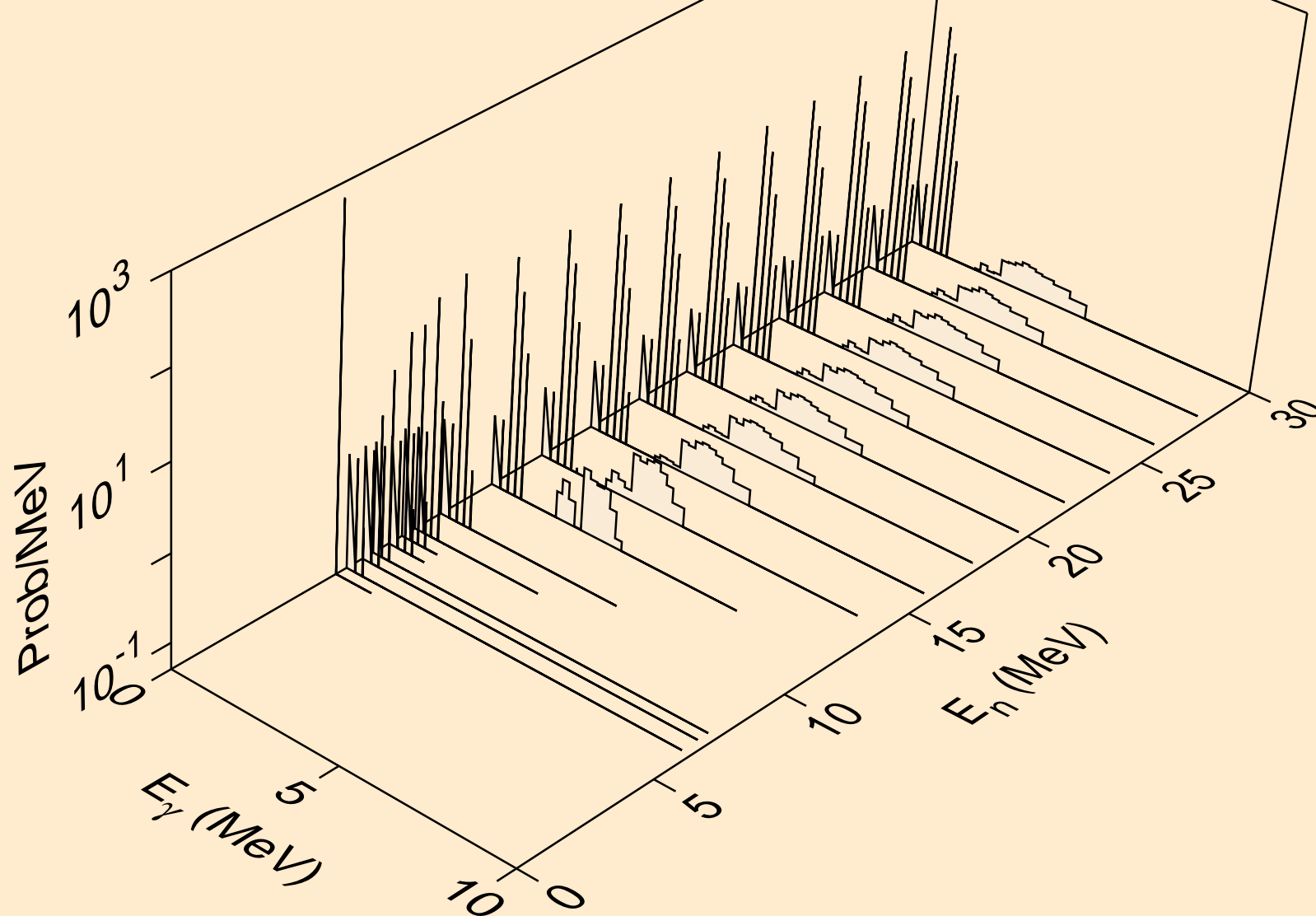
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Photon emission for (n,p)



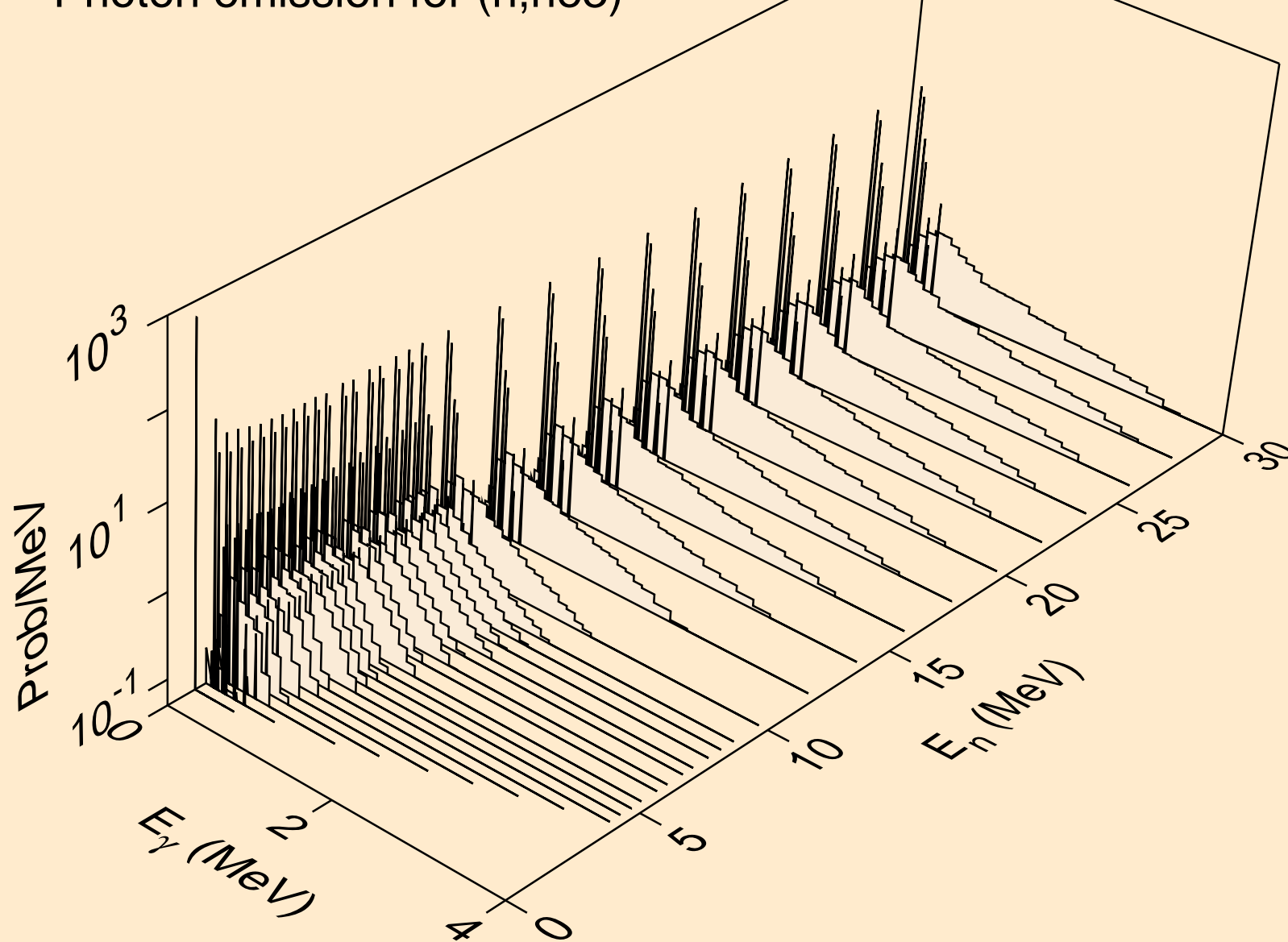
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Photon emission for (n,d)



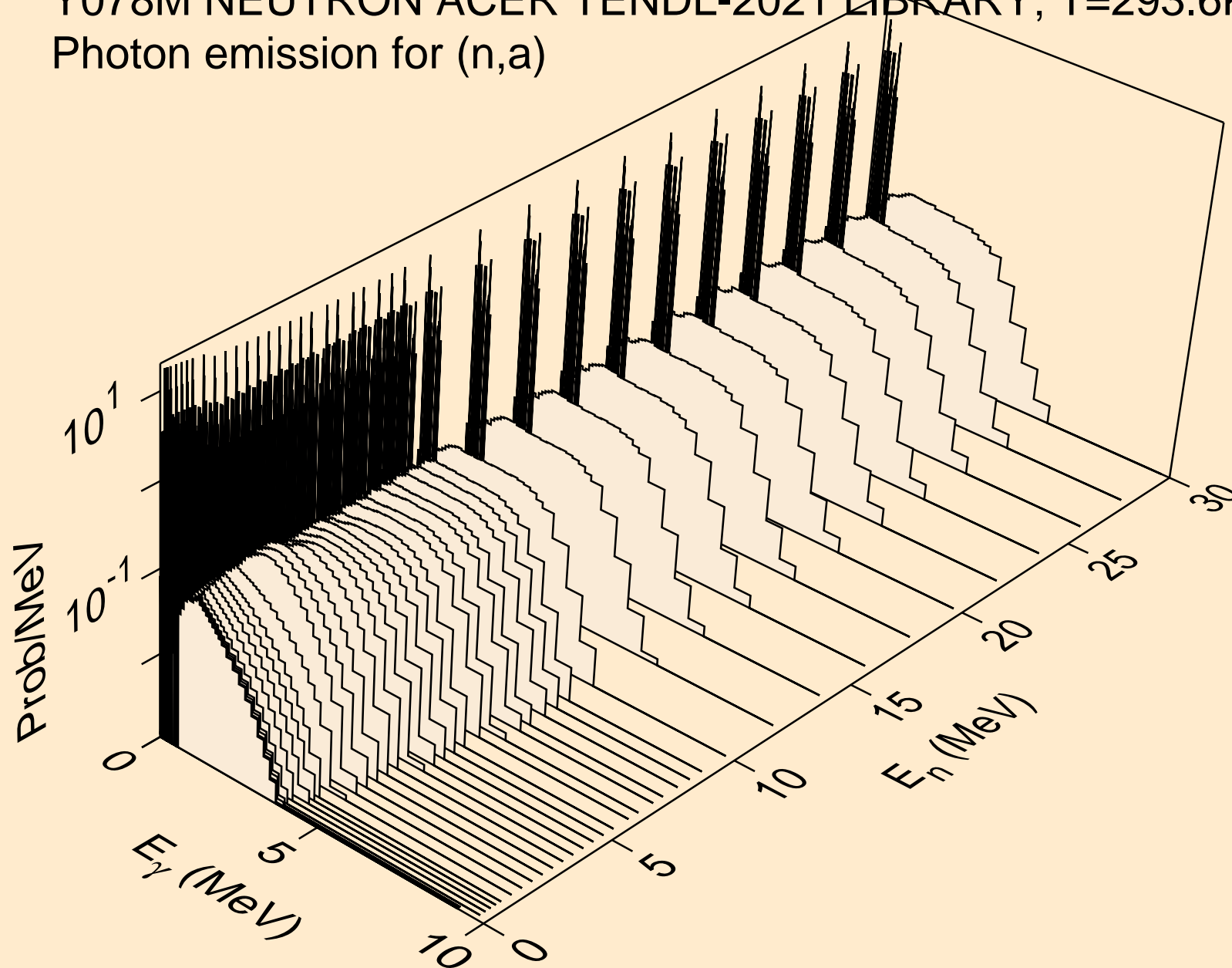
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Photon emission for (n,t)



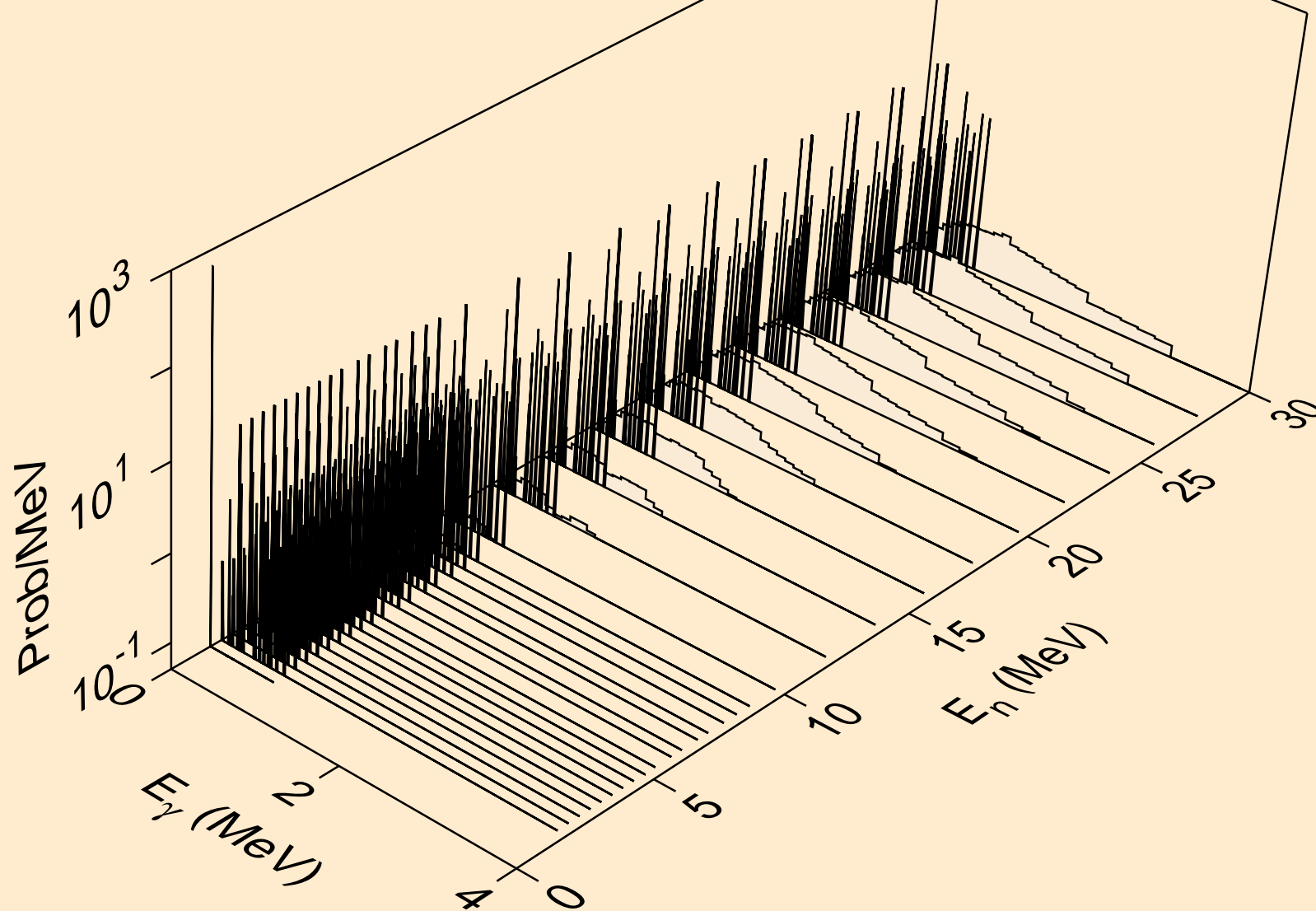
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Photon emission for (n,he3)



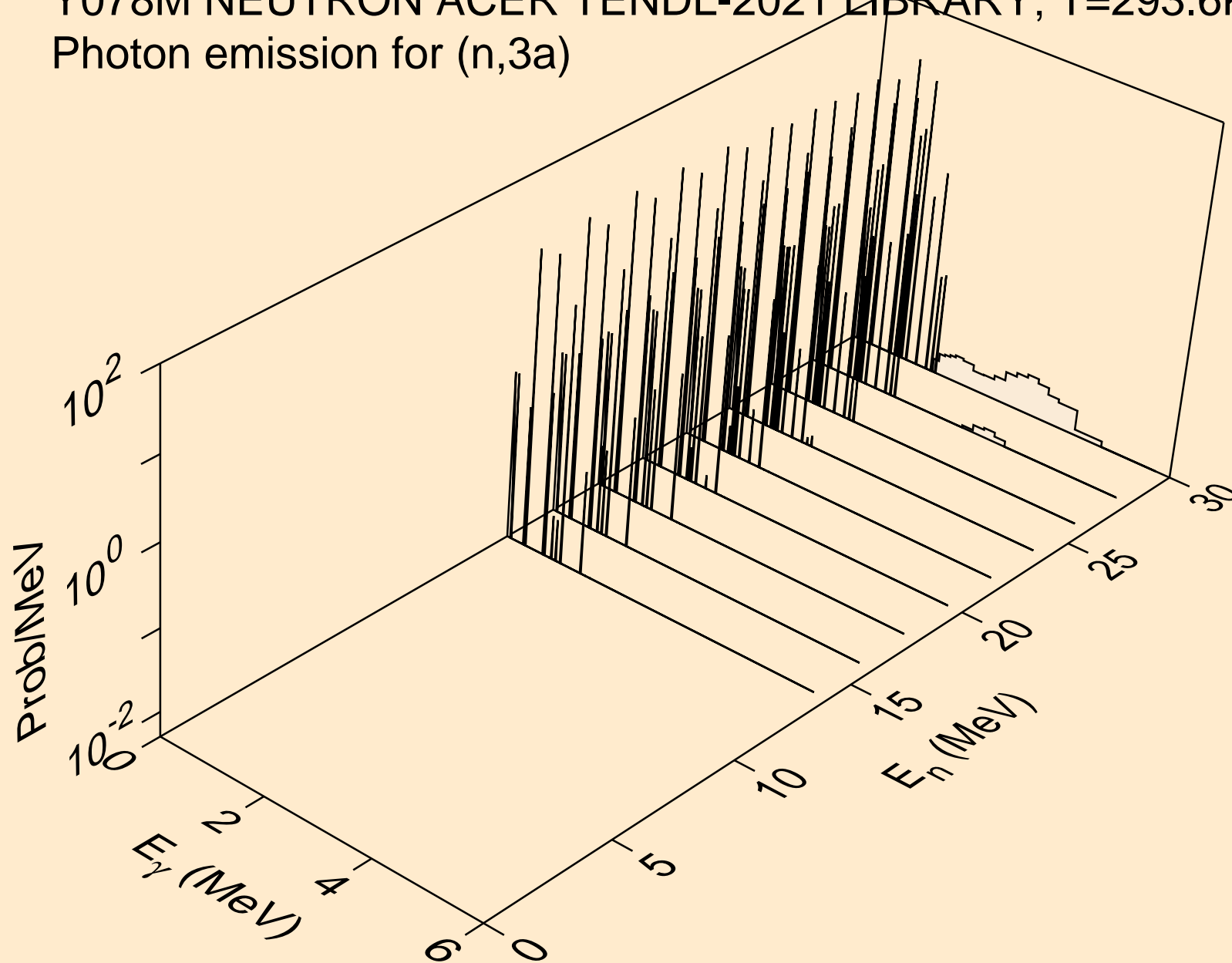
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Photon emission for (n,a)



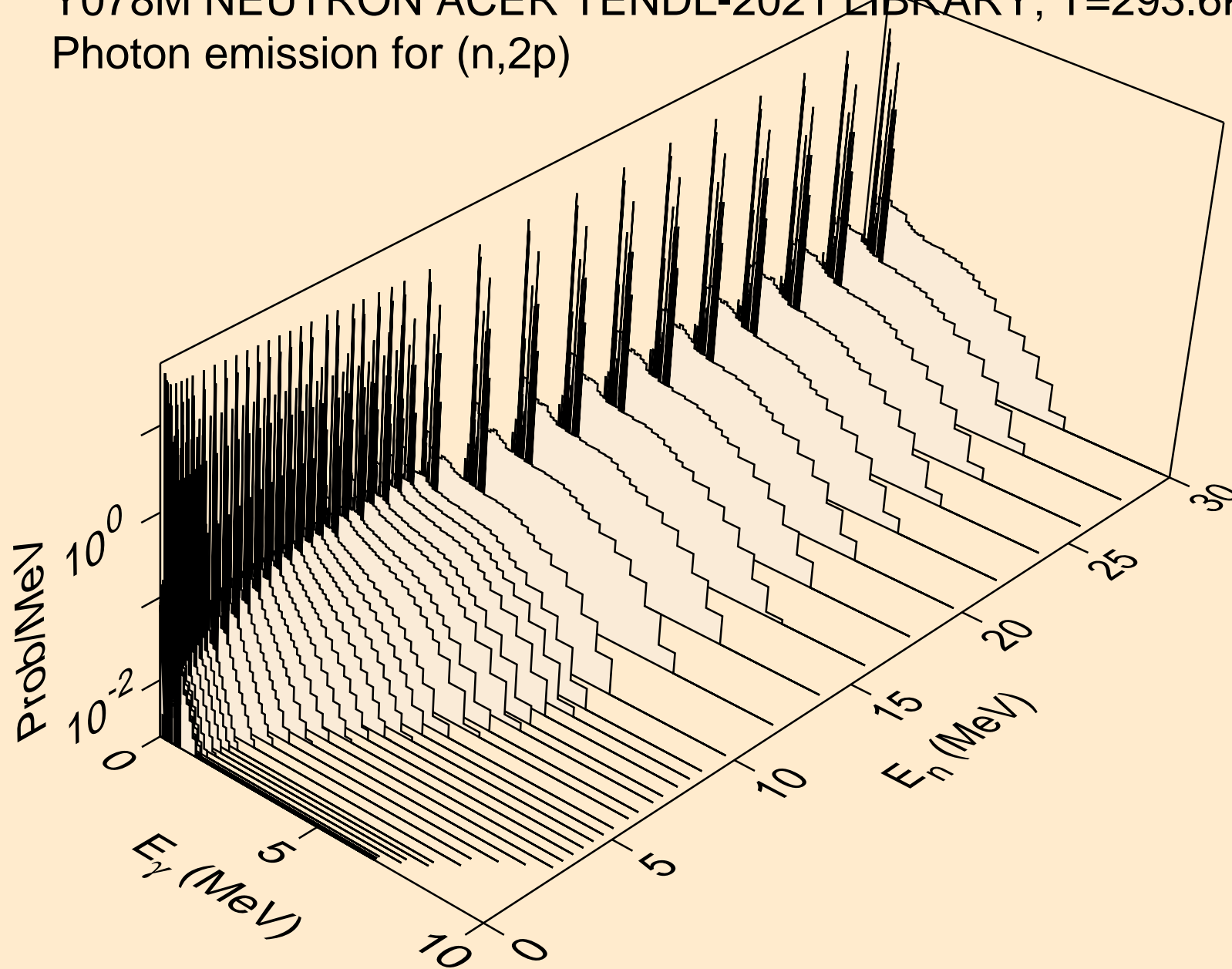
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Photon emission for (n,2a)



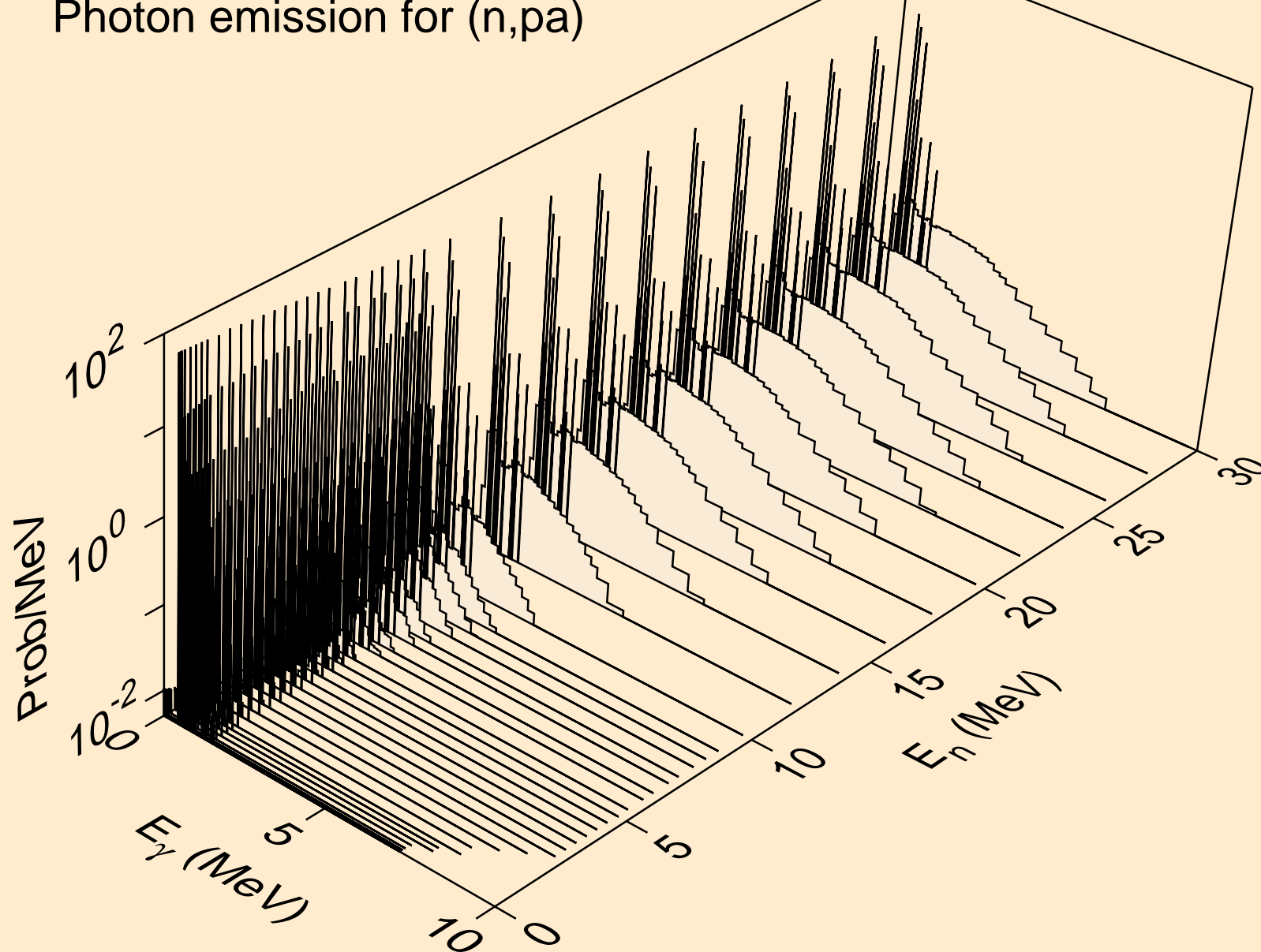
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Photon emission for (n,3a)



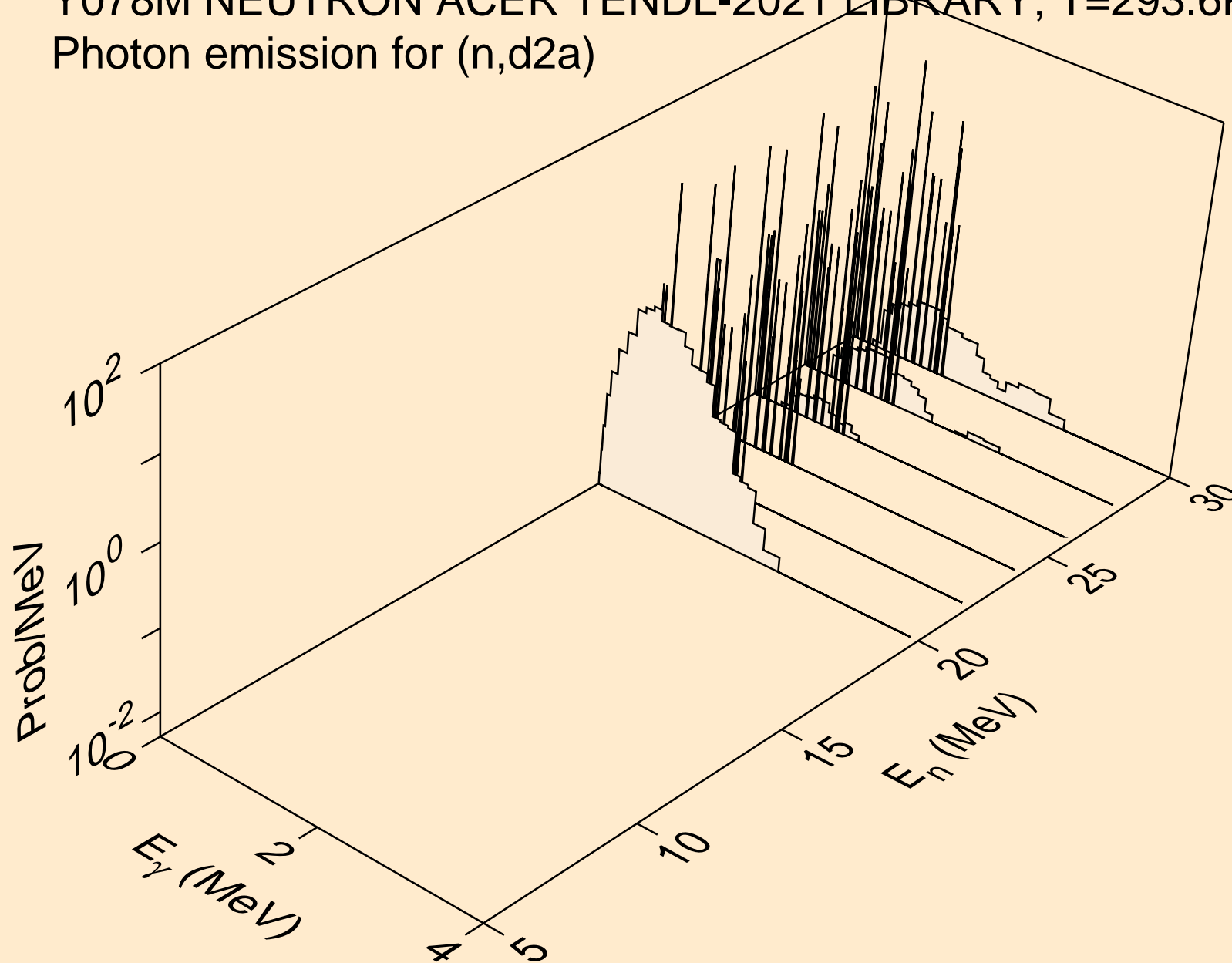
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Photon emission for (n,2p)



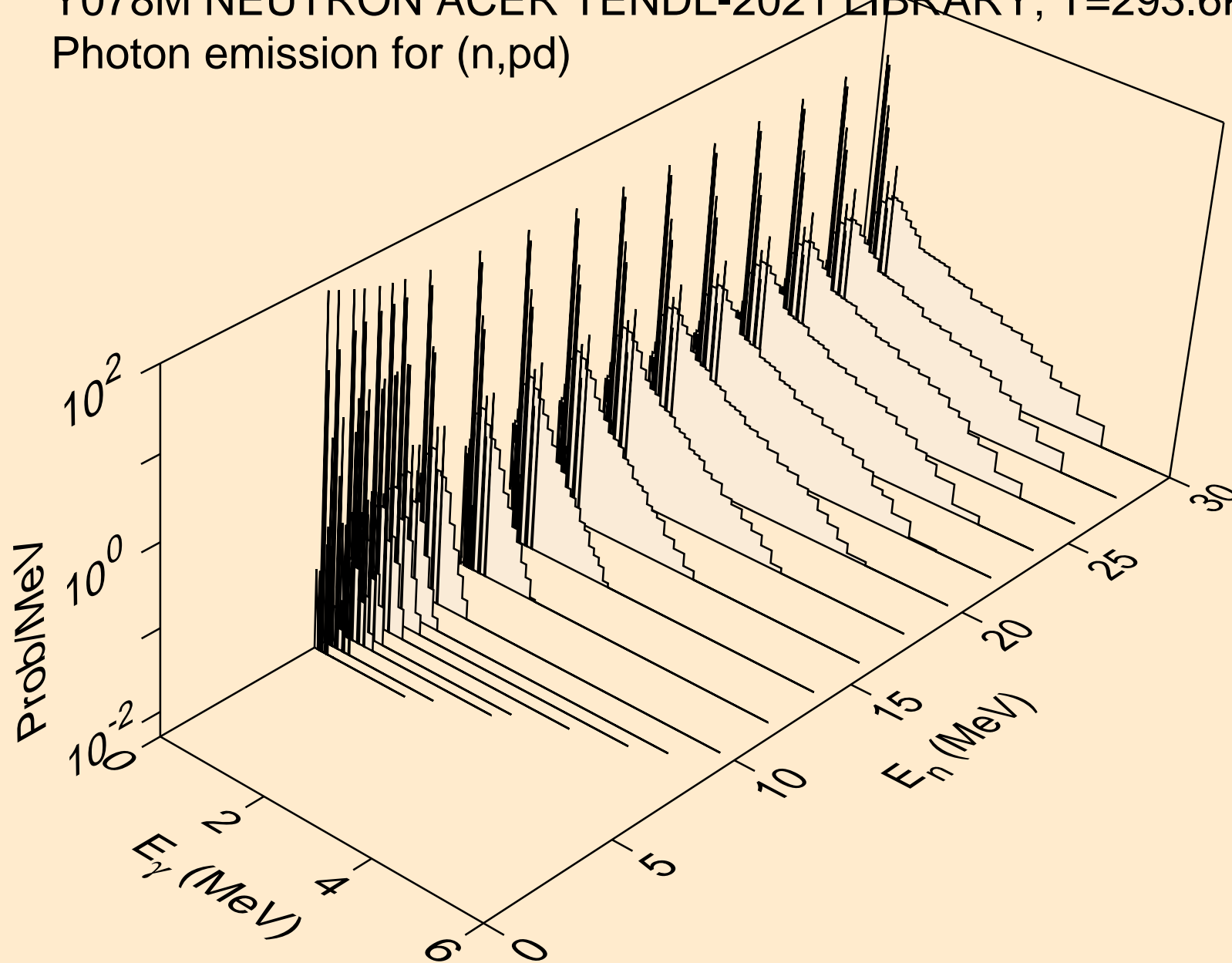
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Photon emission for (n,p $\alpha$ )



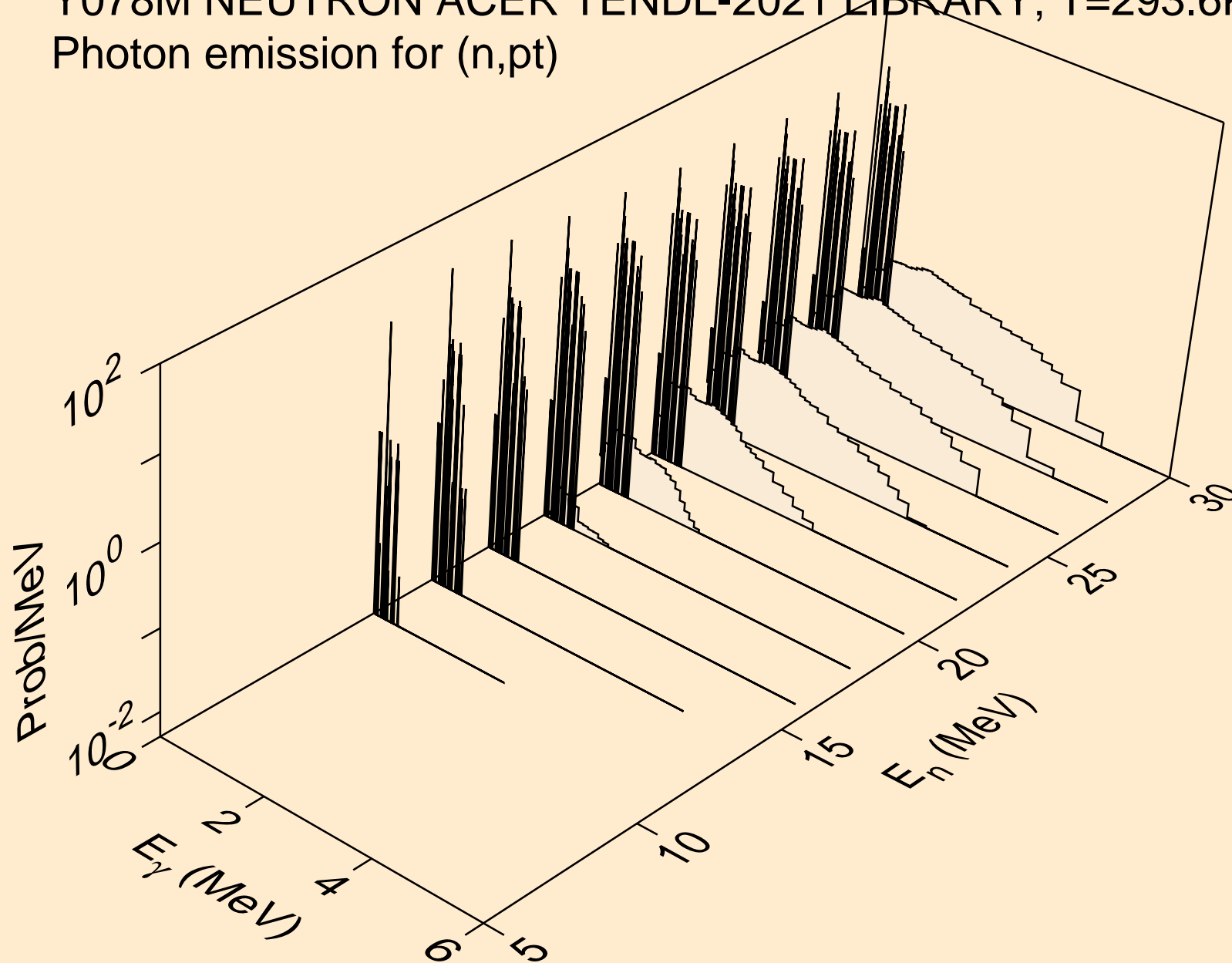
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Photon emission for (n,d2a)



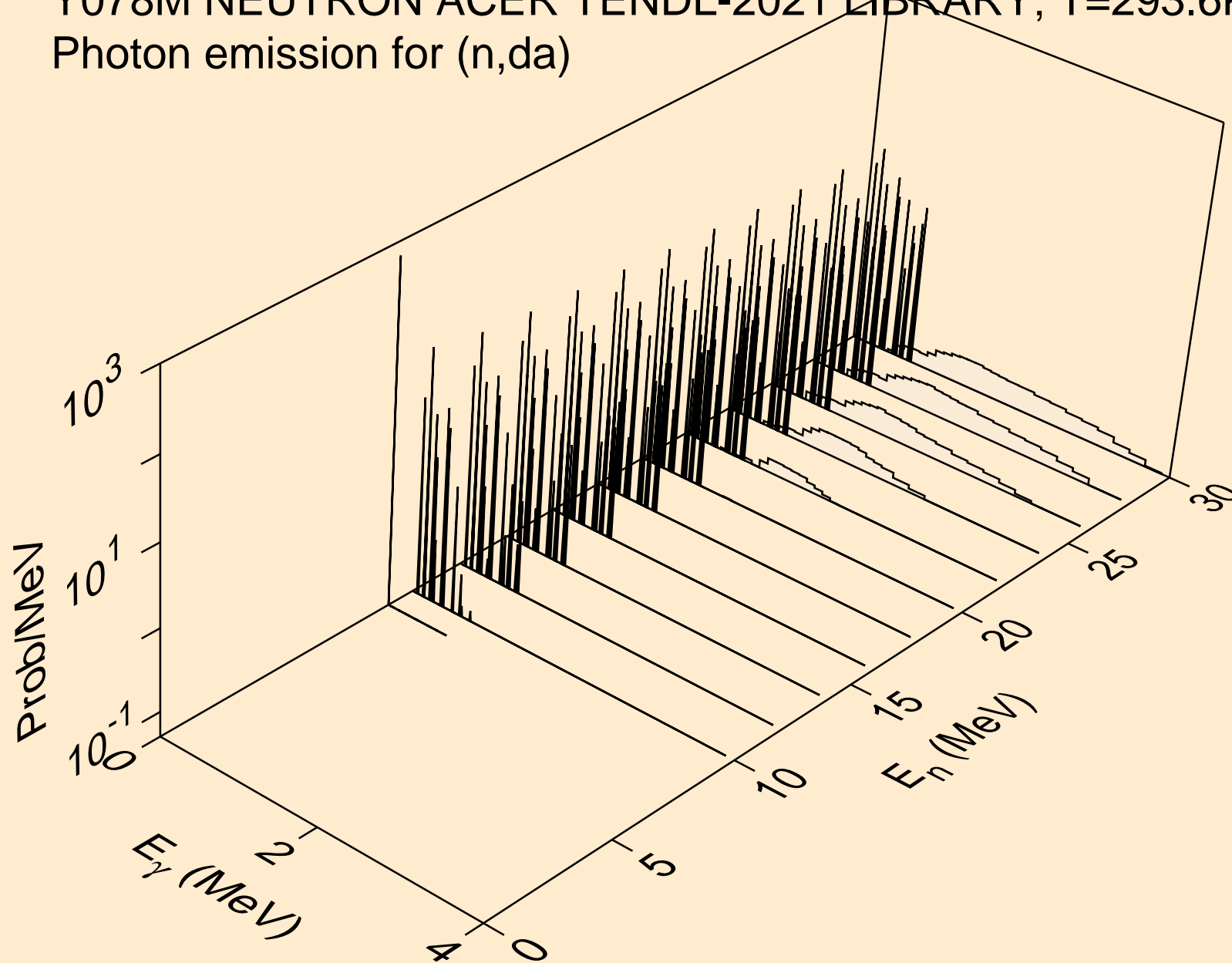
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Photon emission for (n,pd)



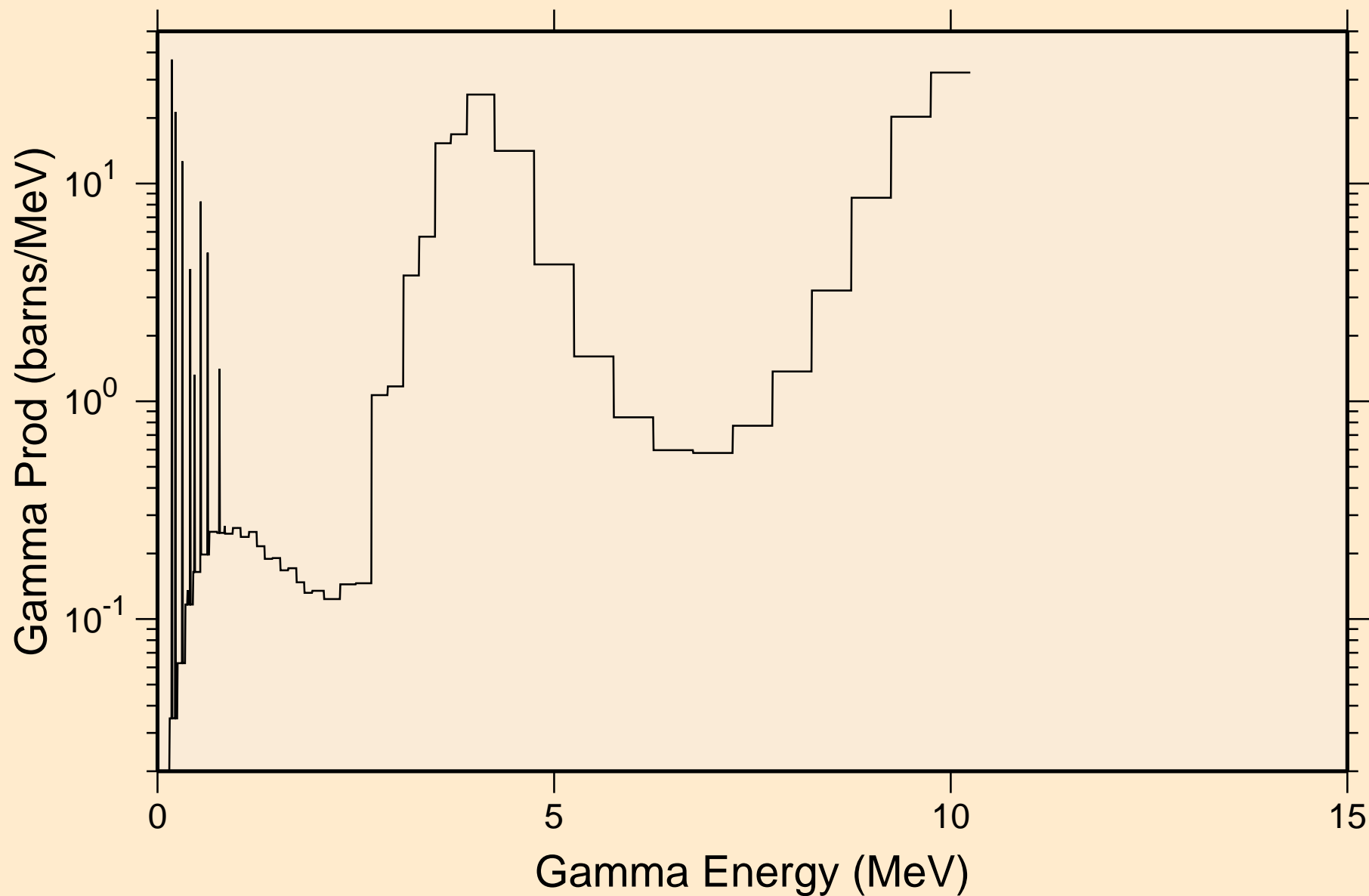
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Photon emission for (n,pt)



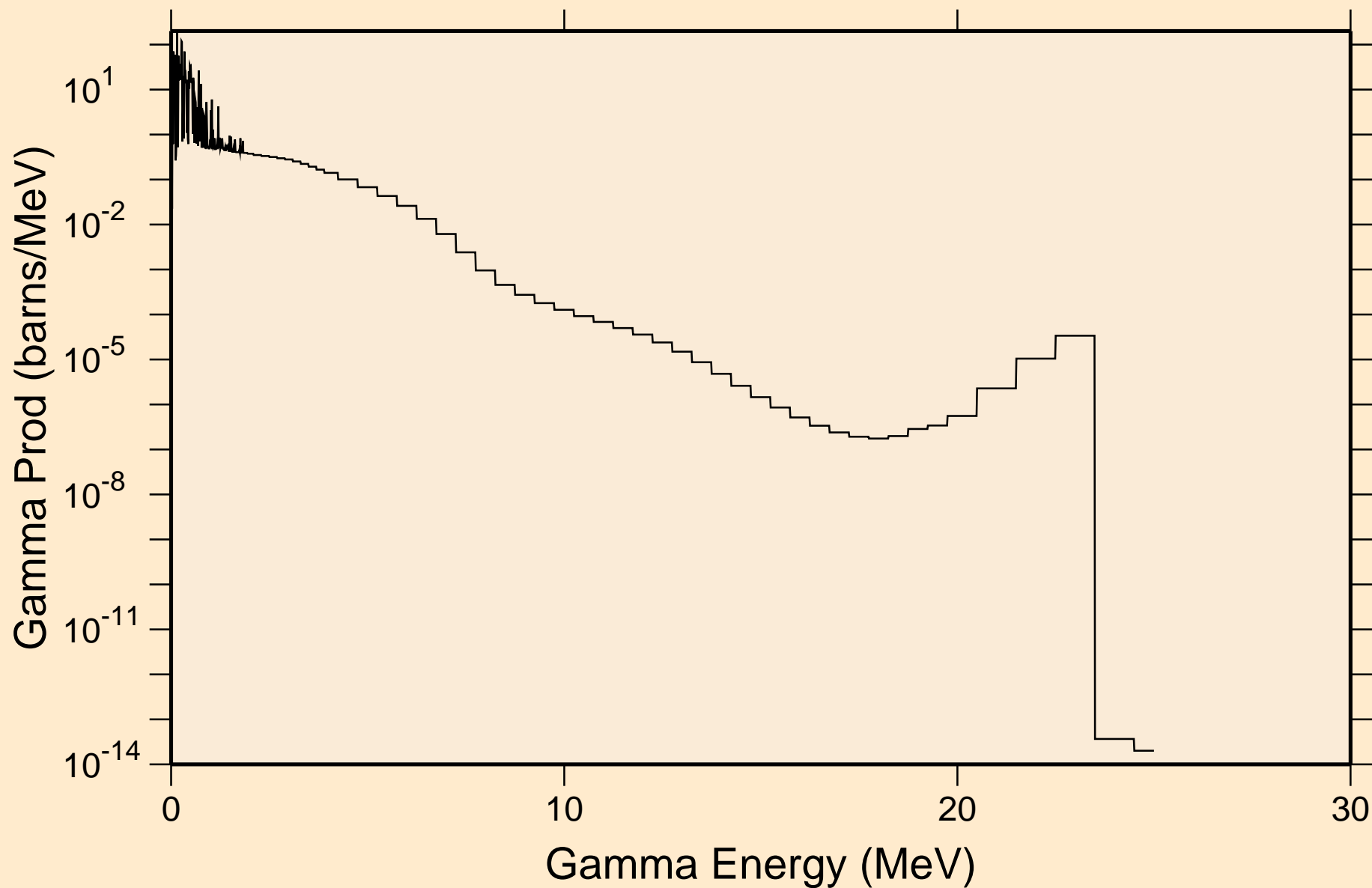
Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

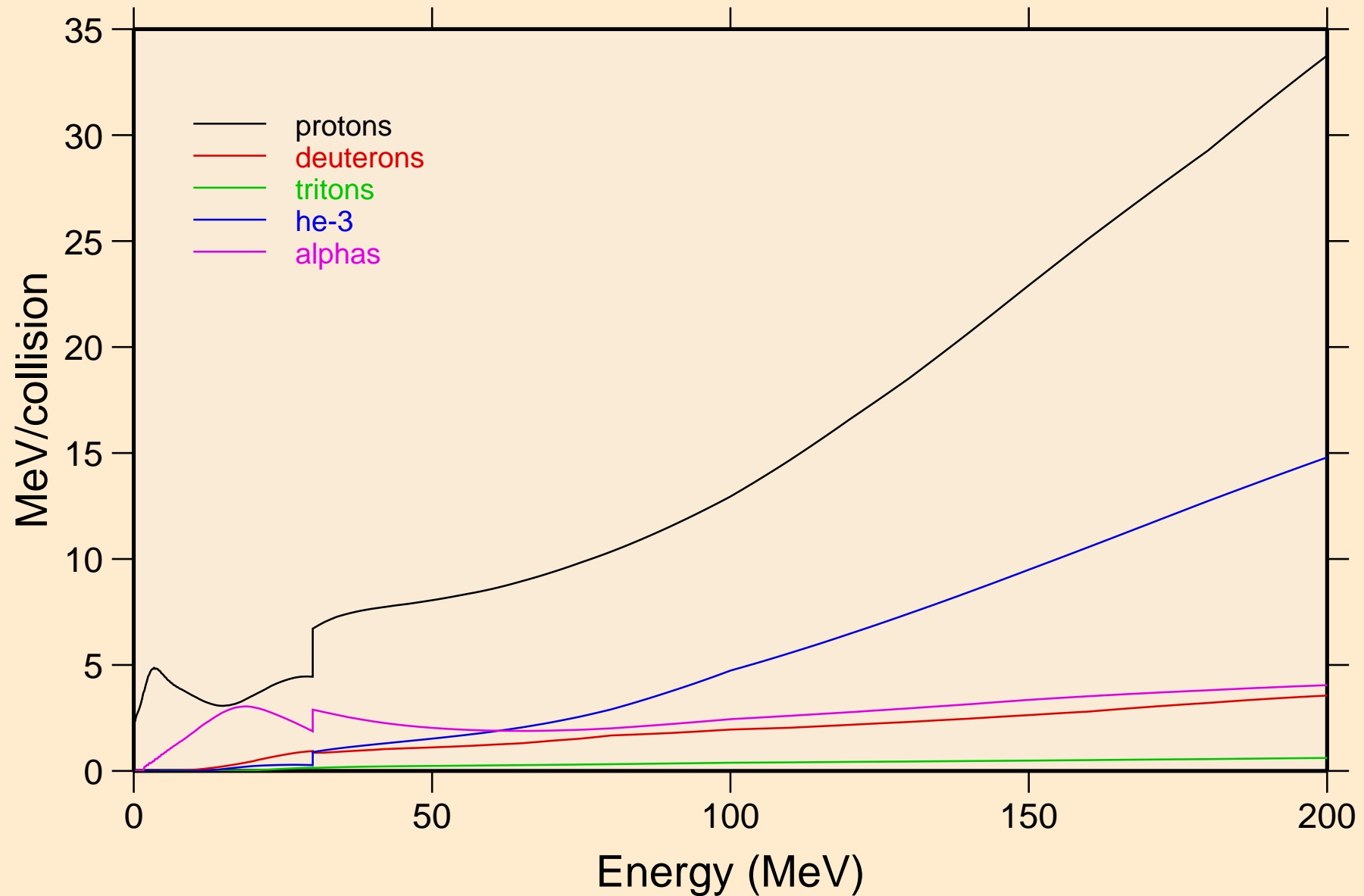


Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

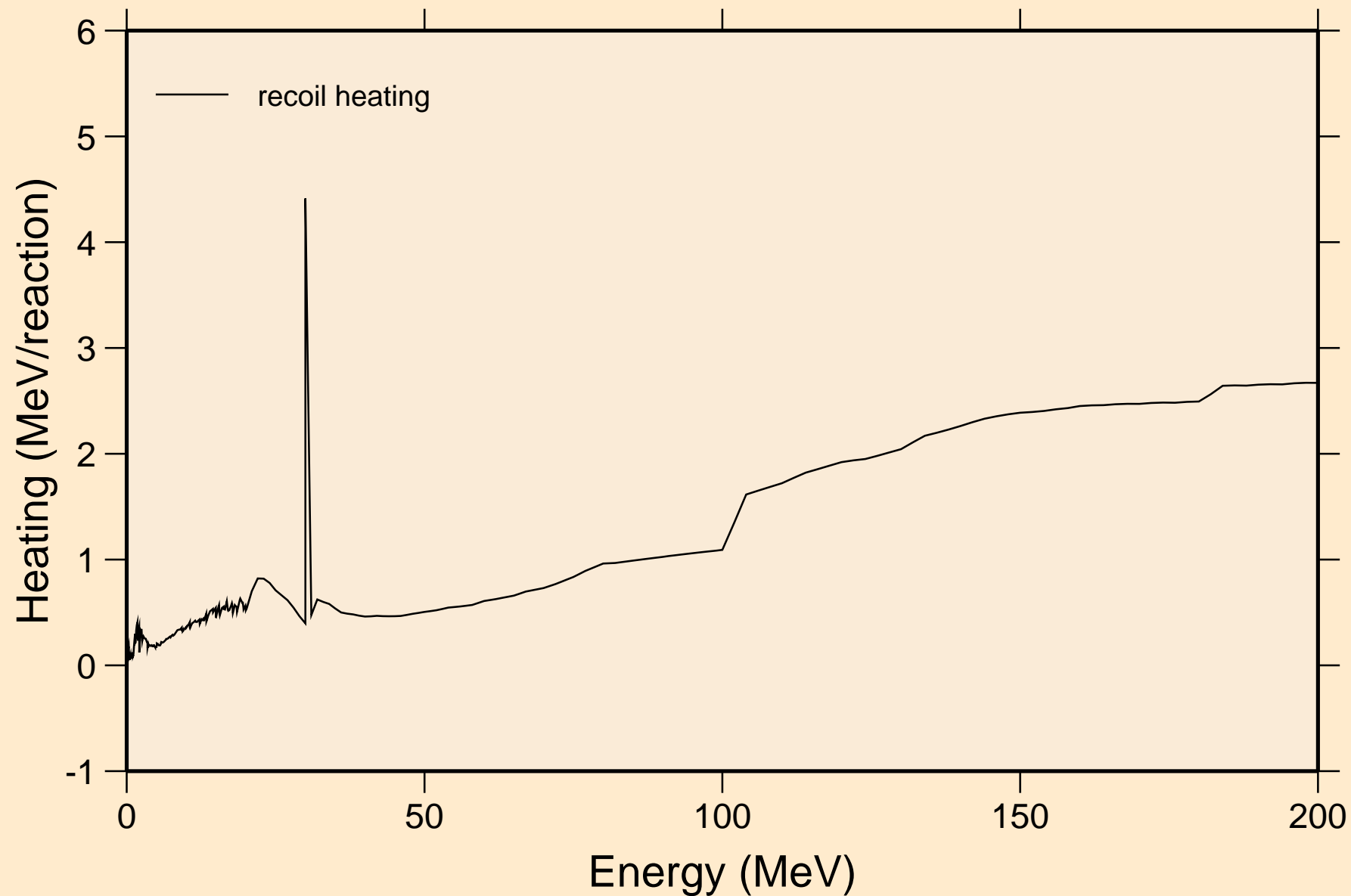


# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

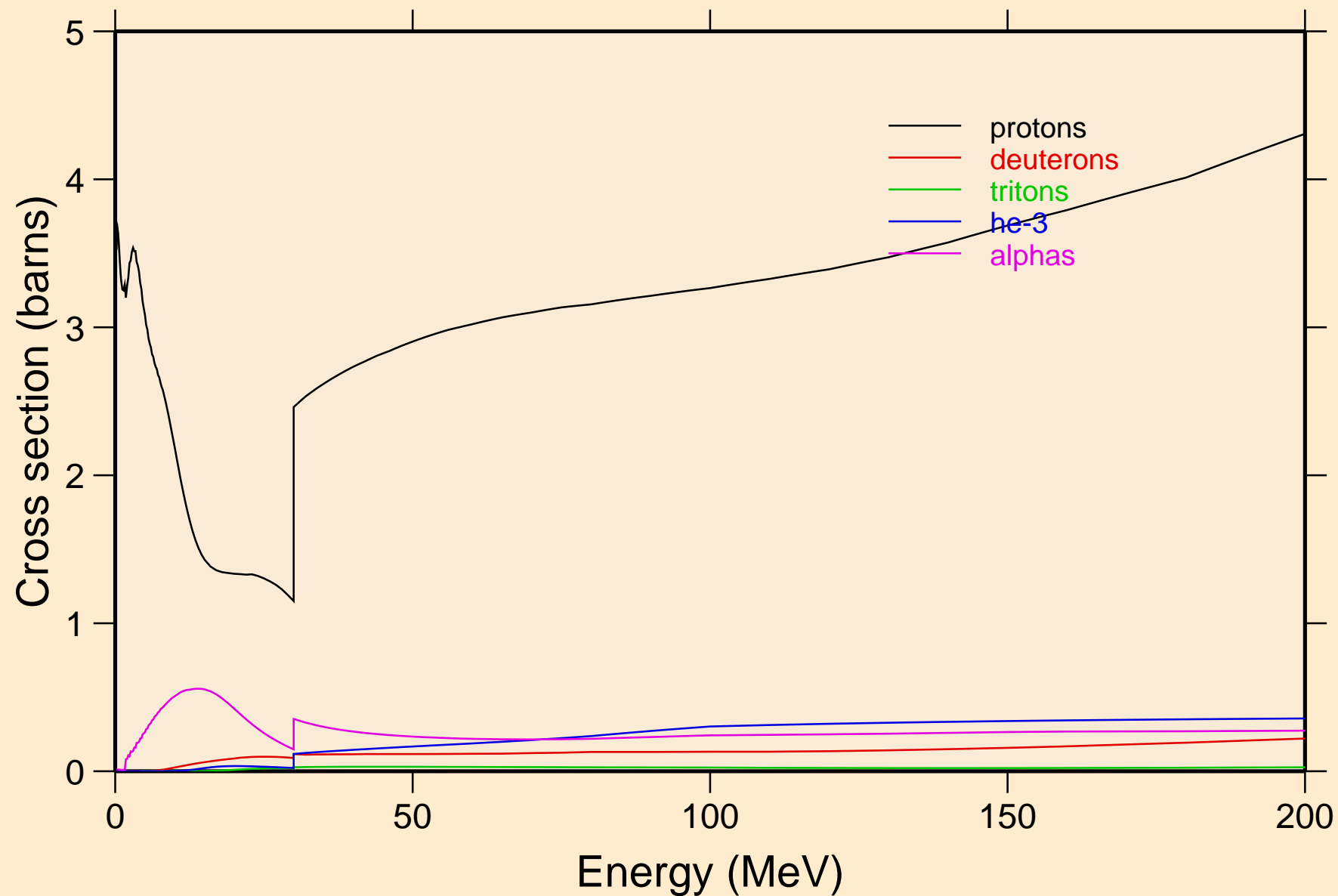


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Recoil Heating

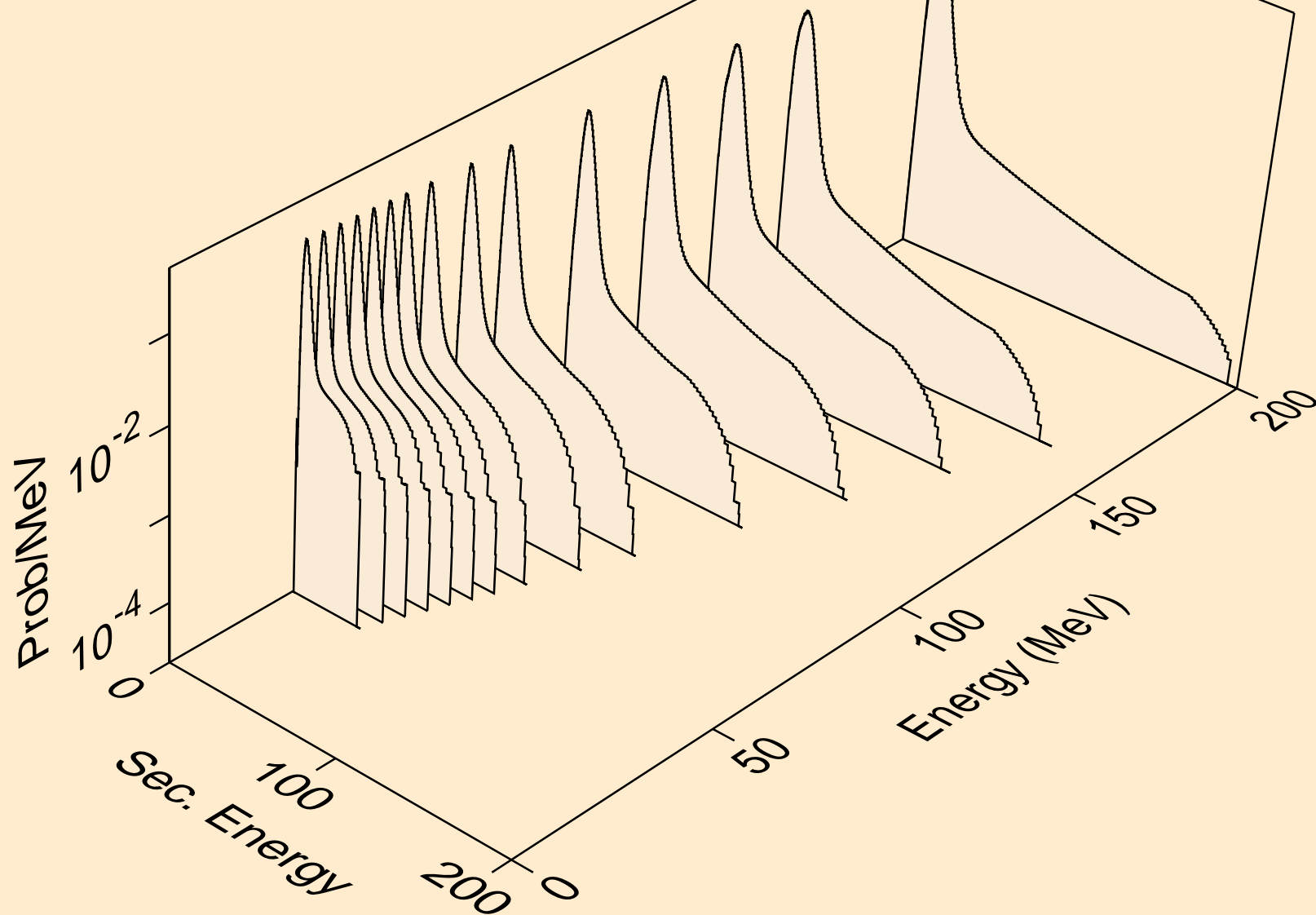


# Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

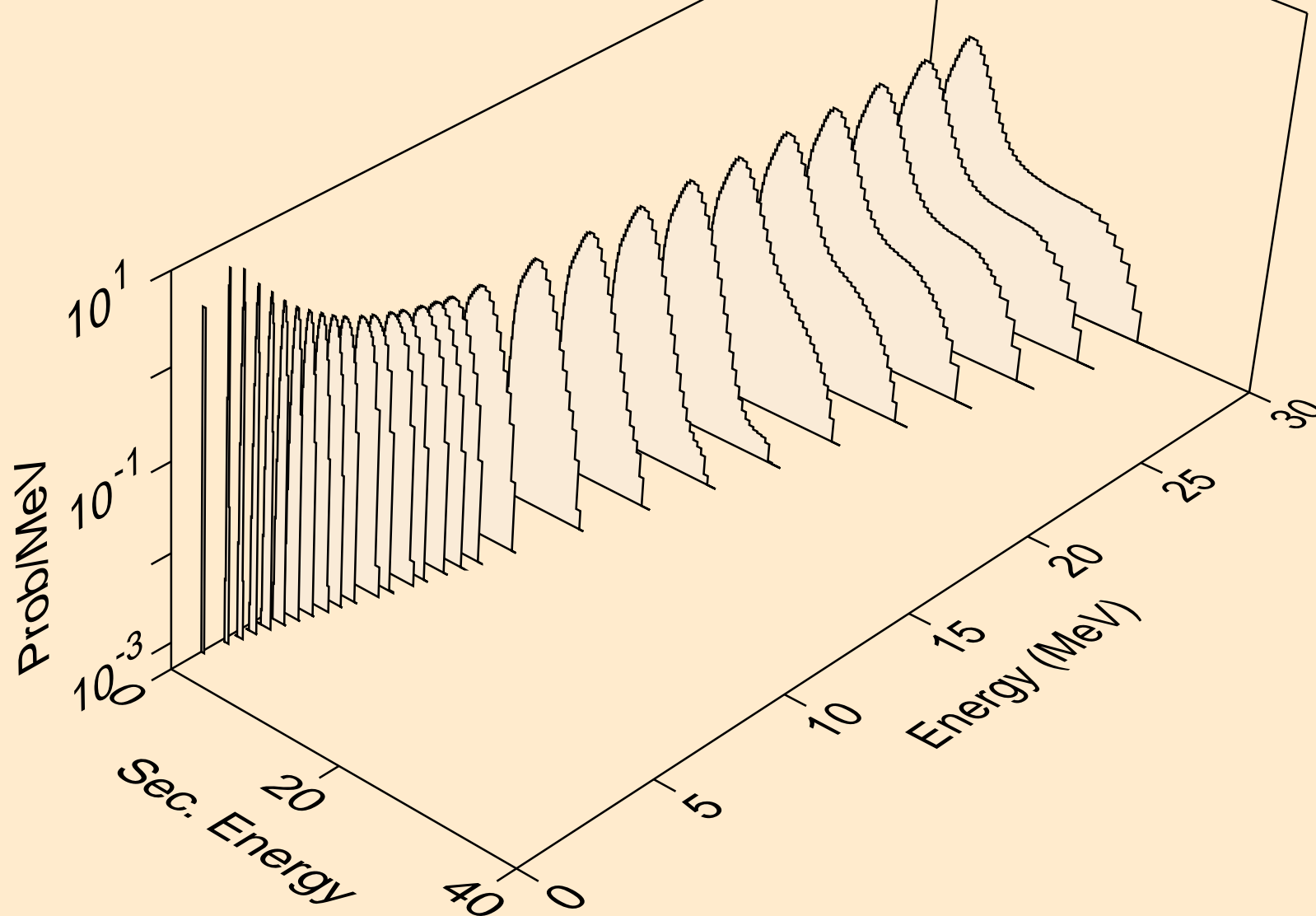
## Particle production cross sections



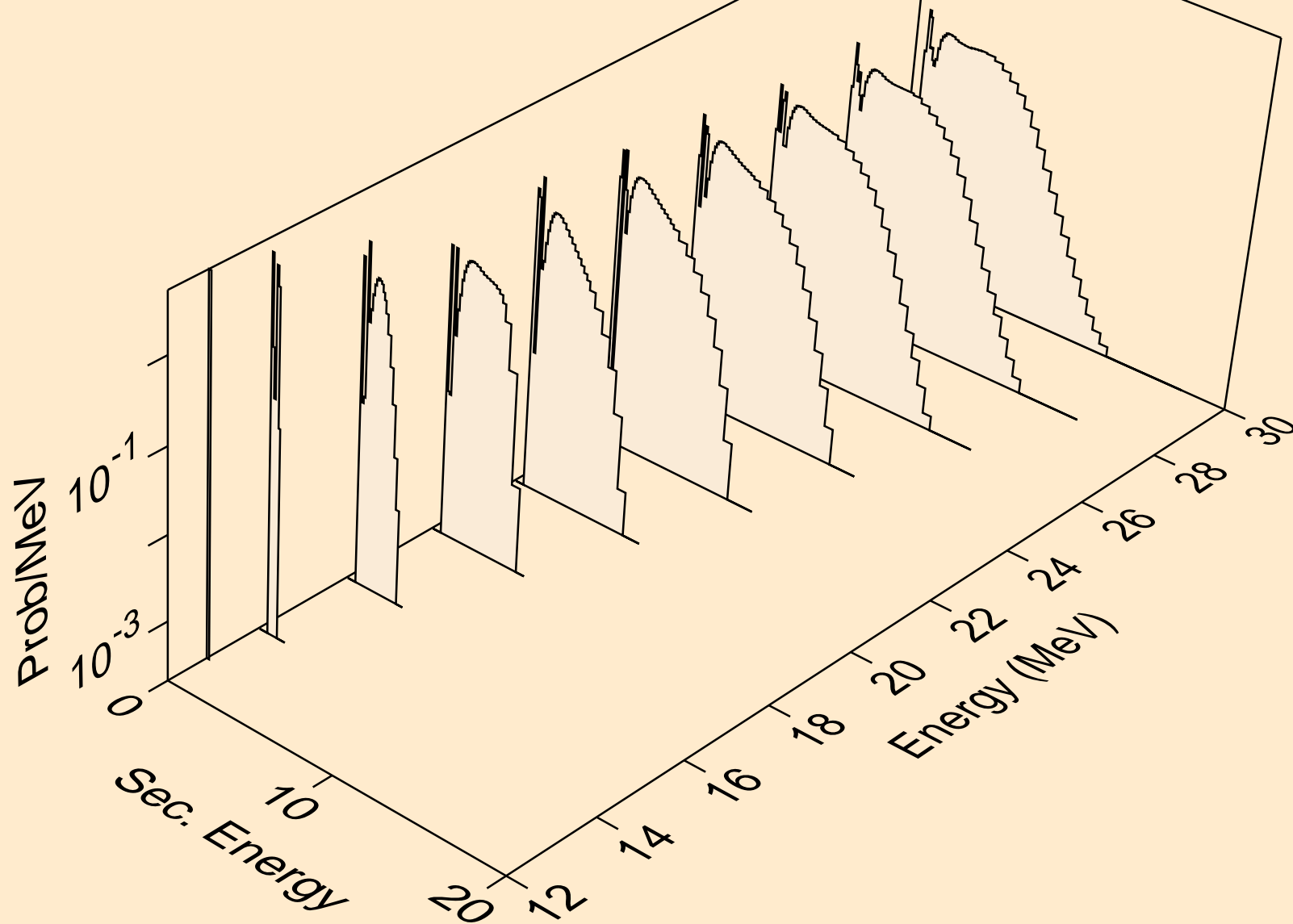
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protons from (n,x)



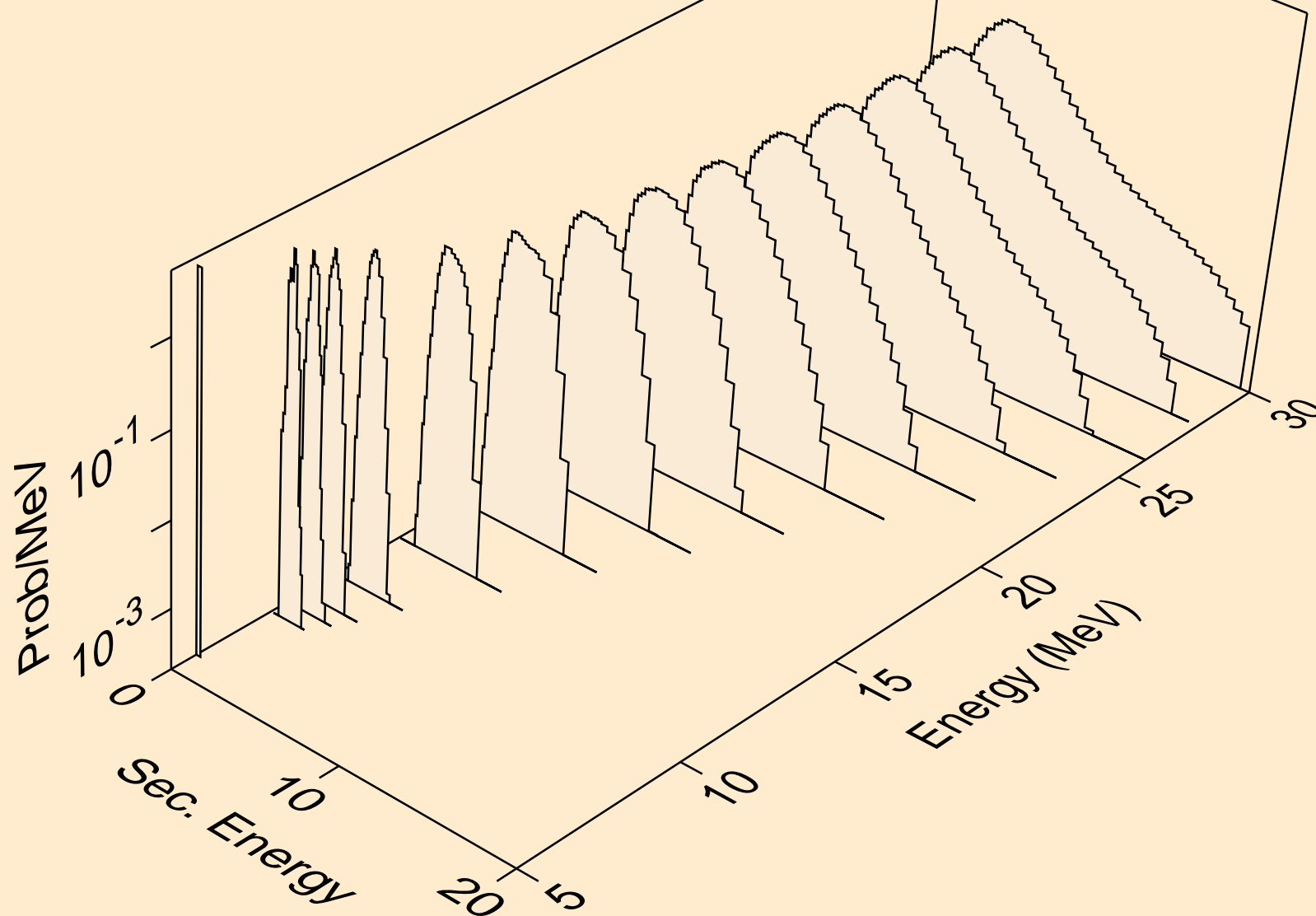
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protons from (n,n\*)p



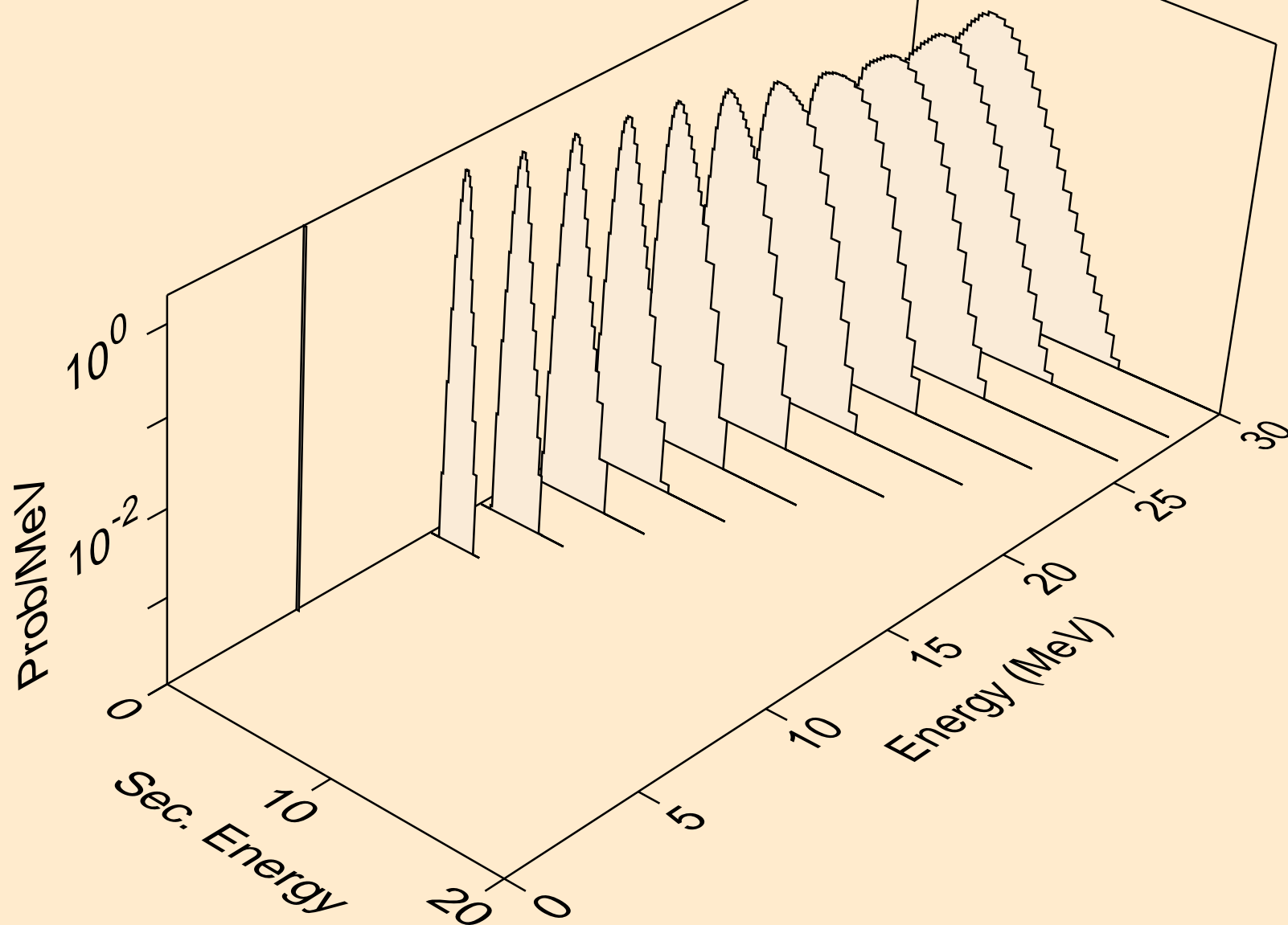
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protons from (n,2np)



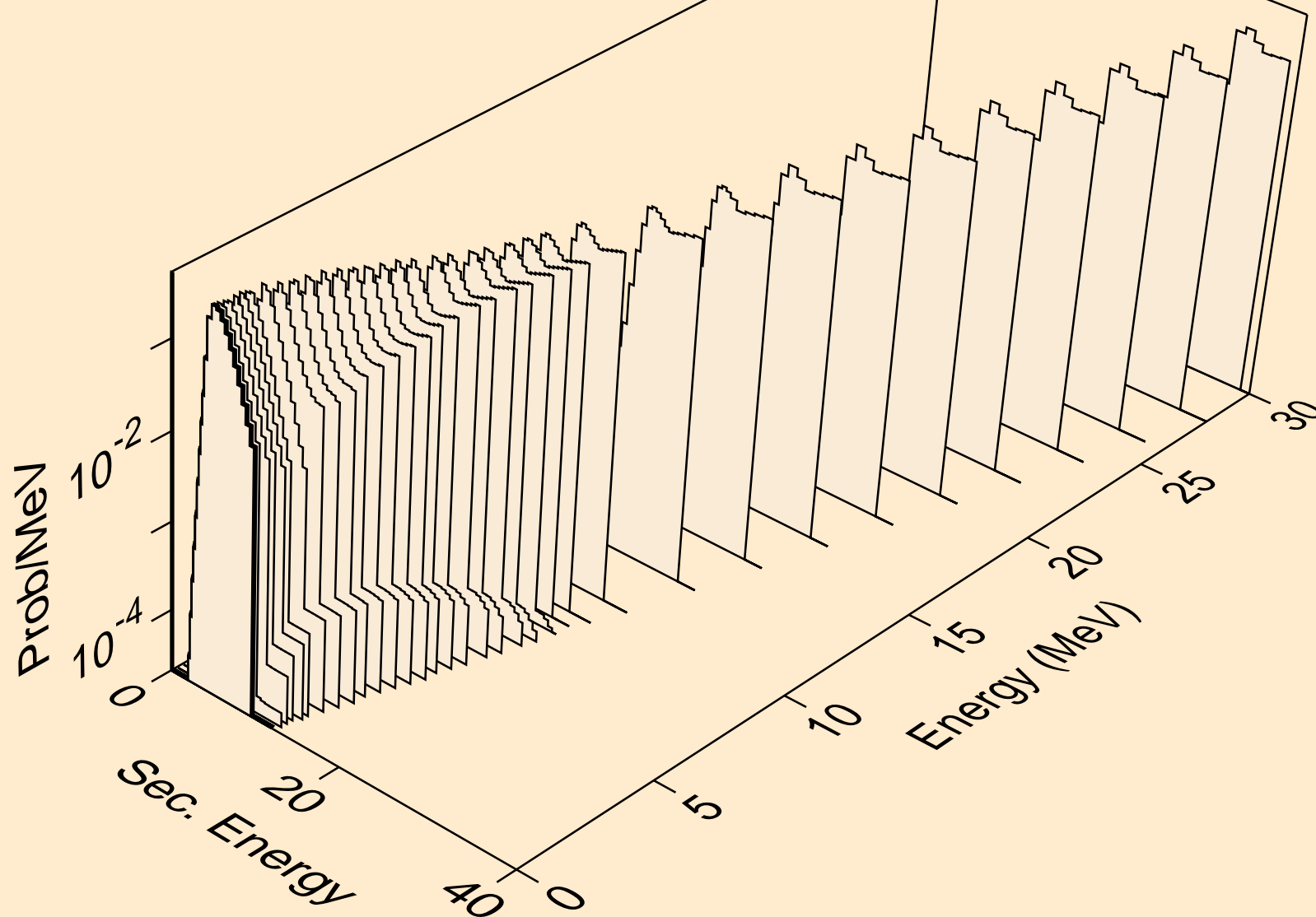
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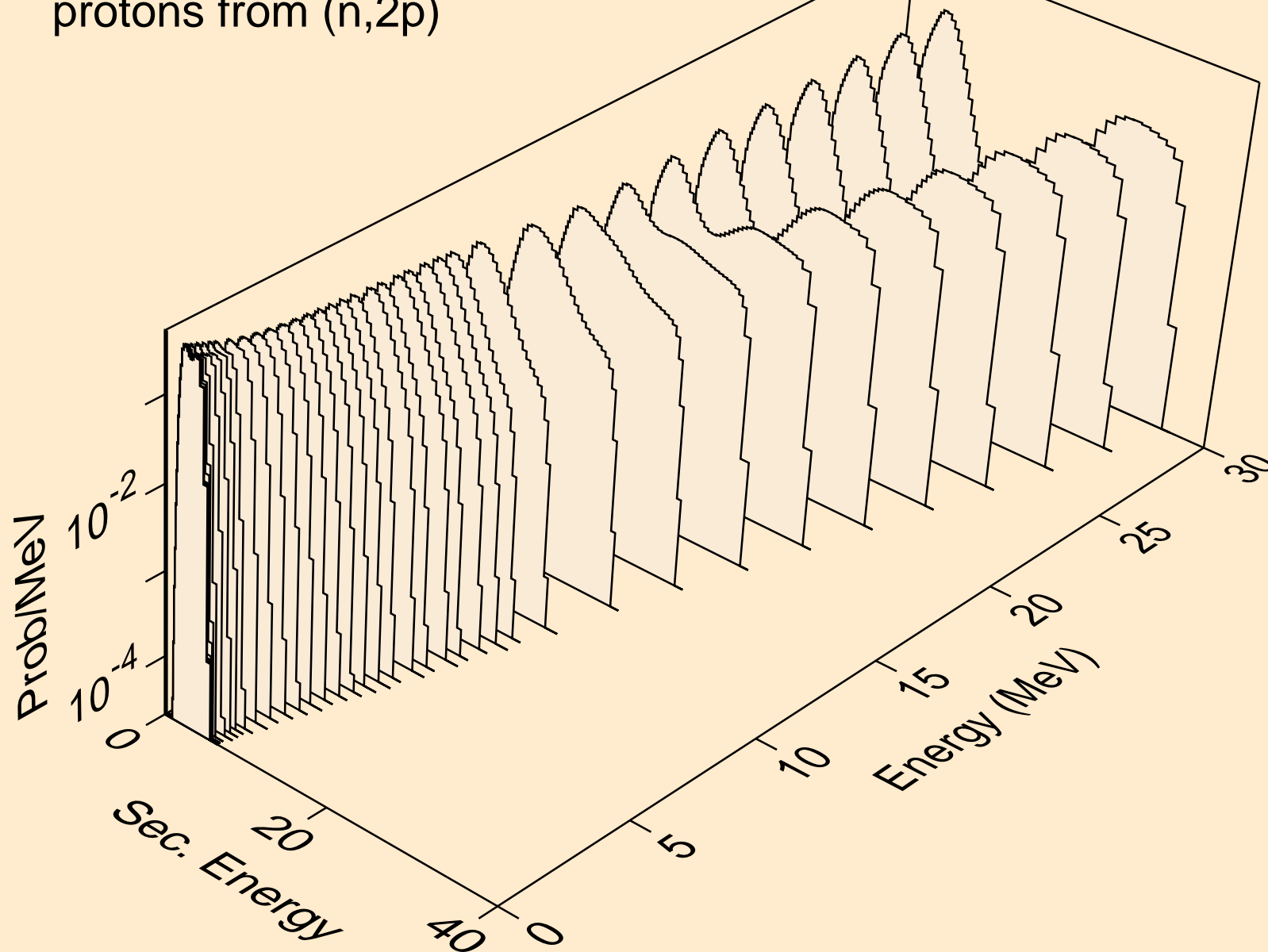
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protons from (n,npa)



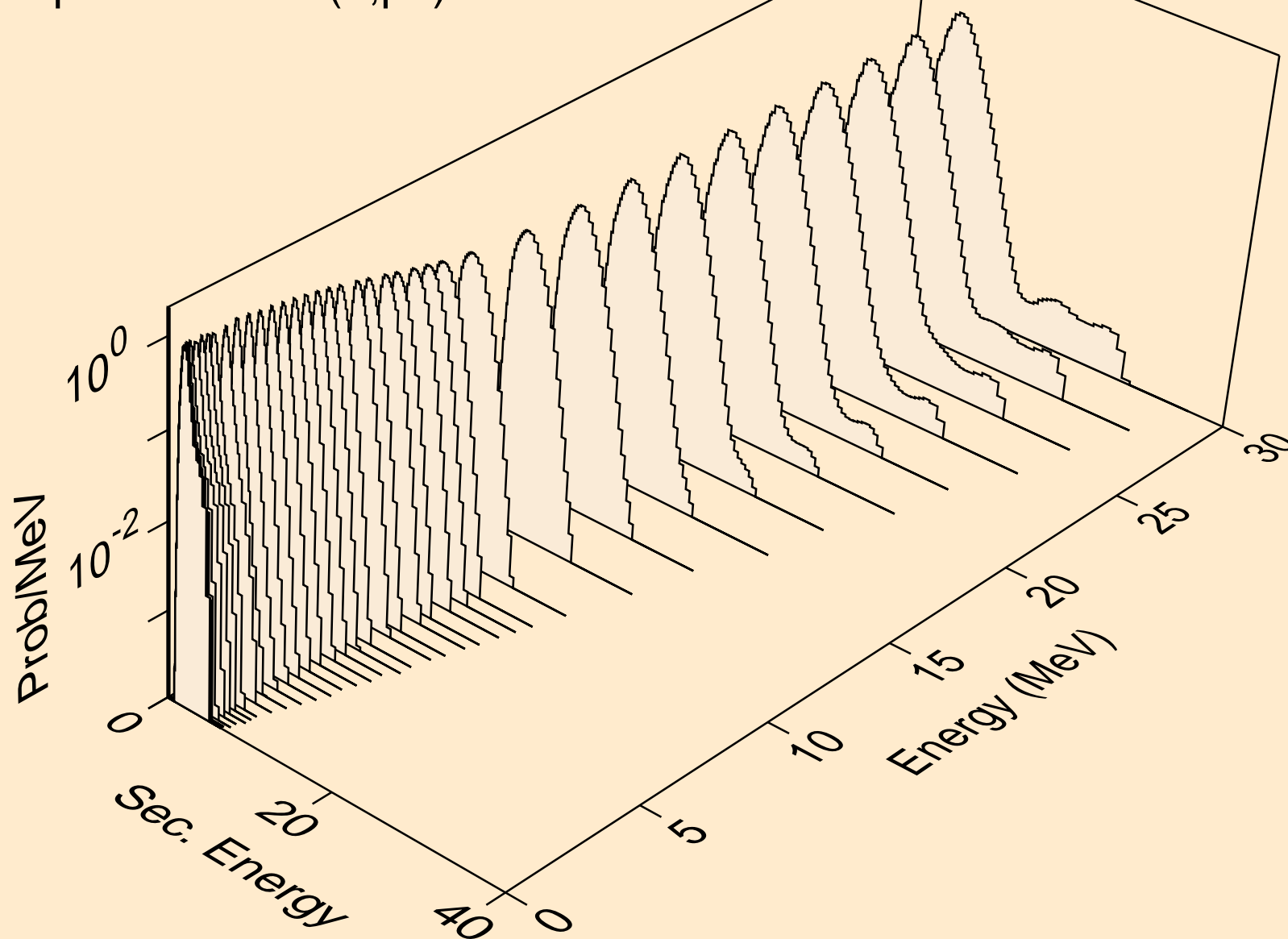
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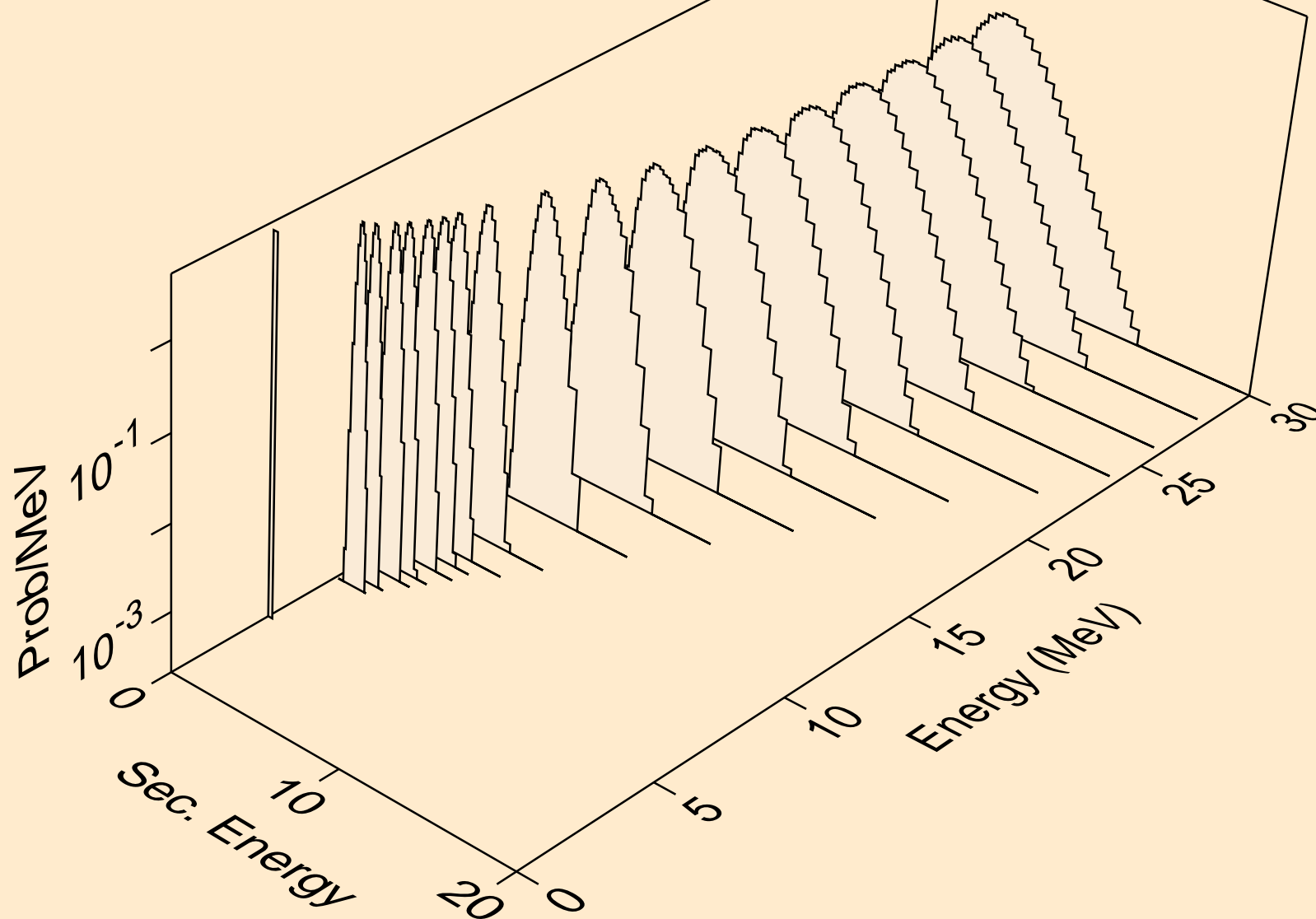
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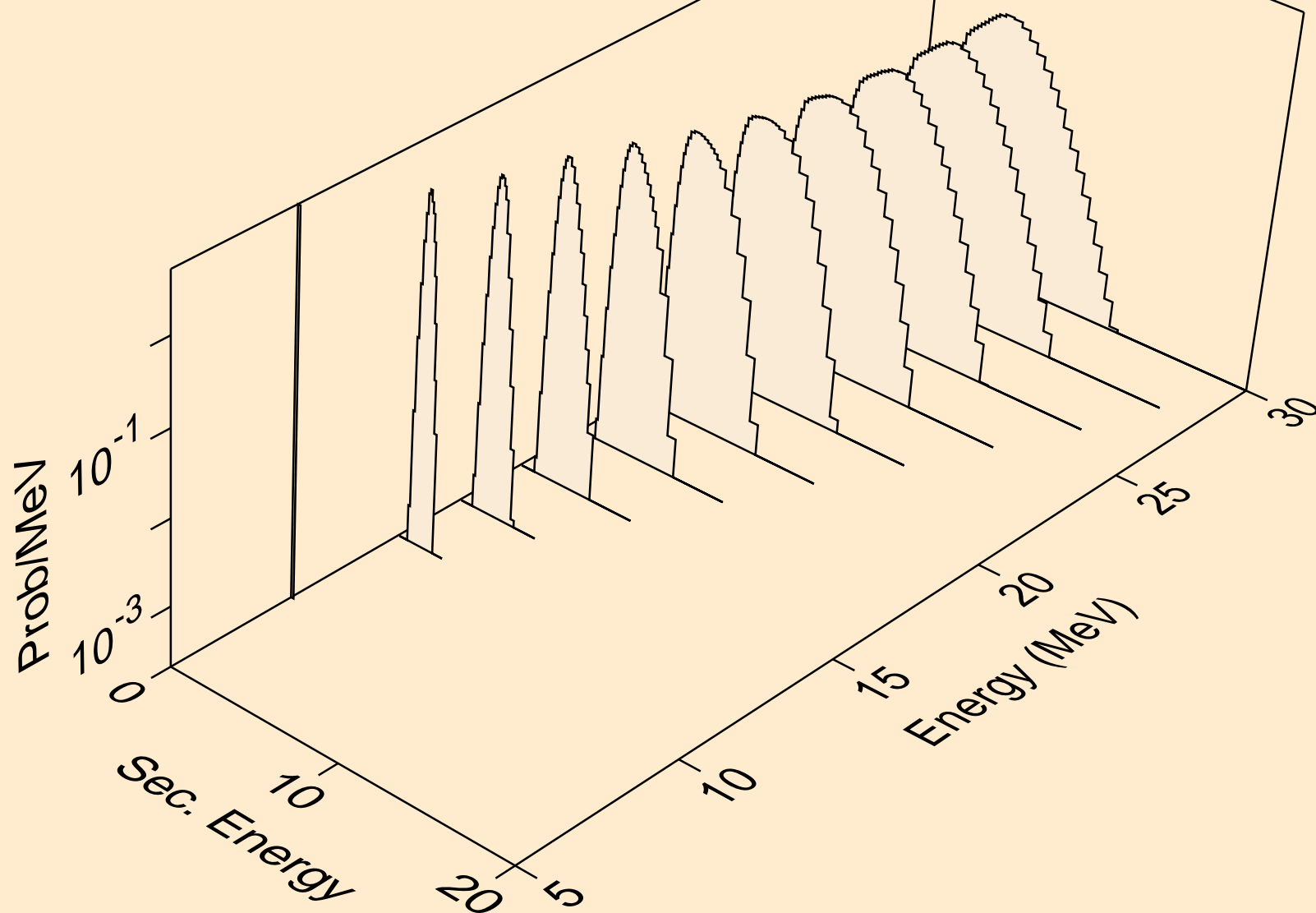
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protons from (n,p)



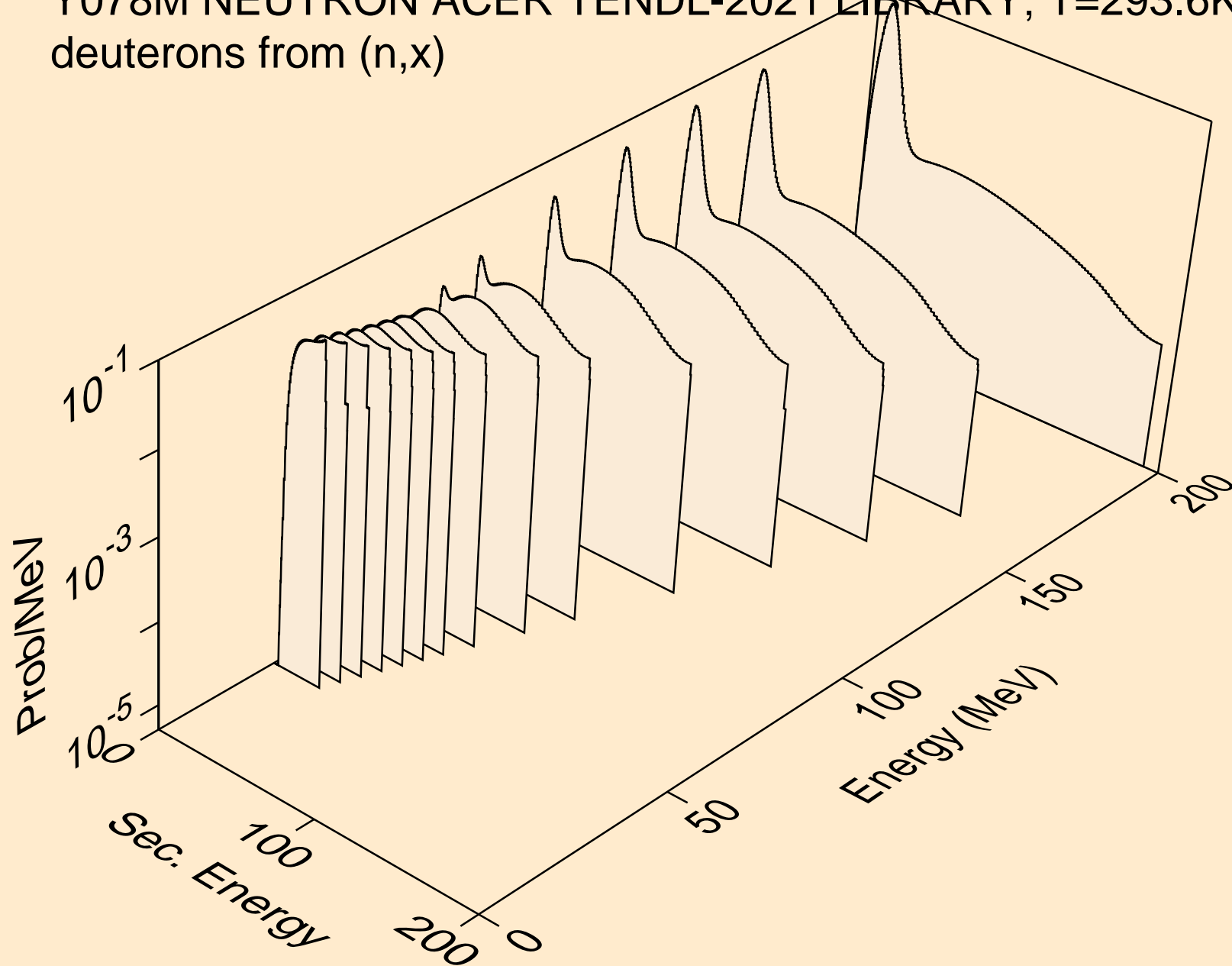
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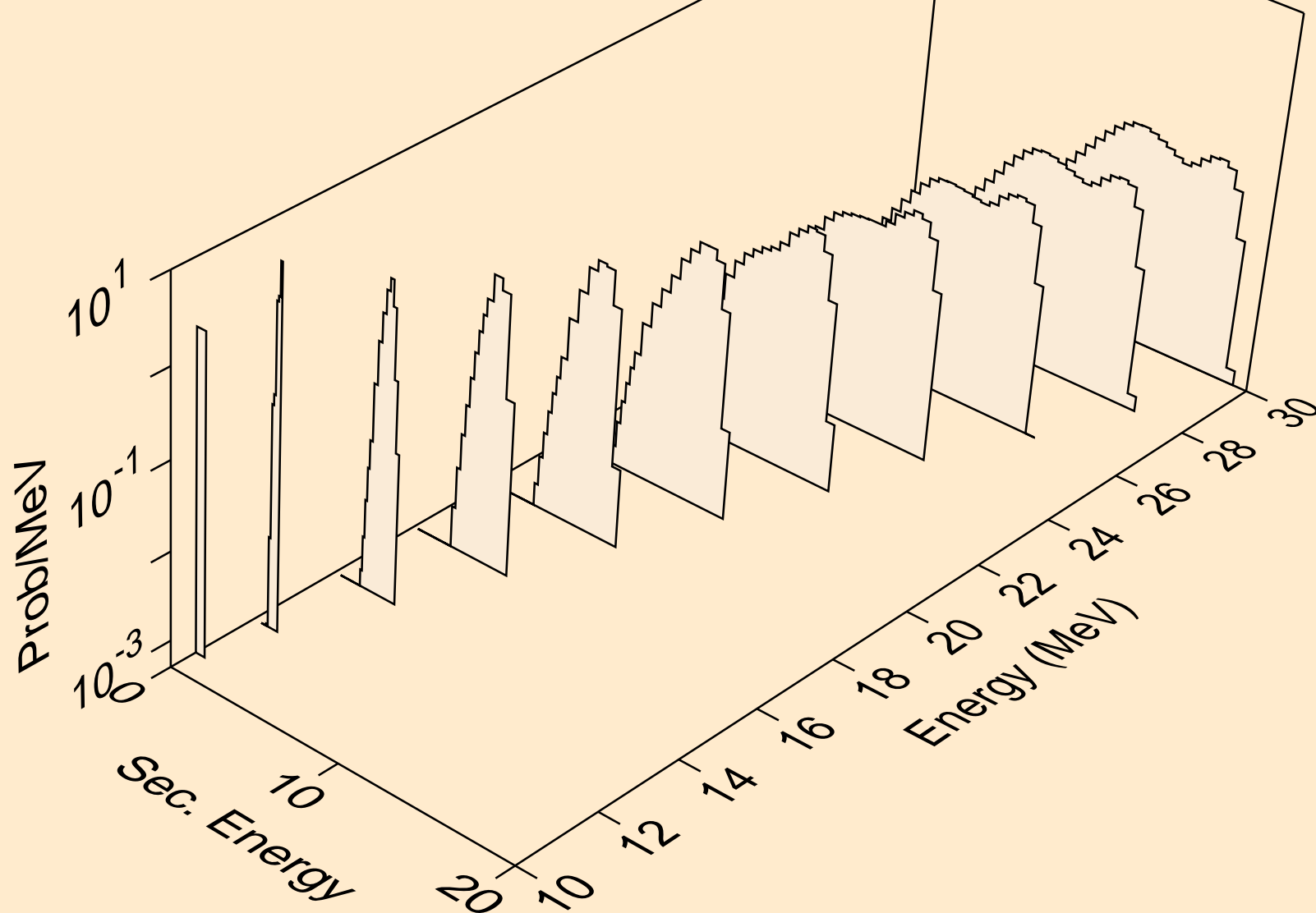
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protons from (n,pt)



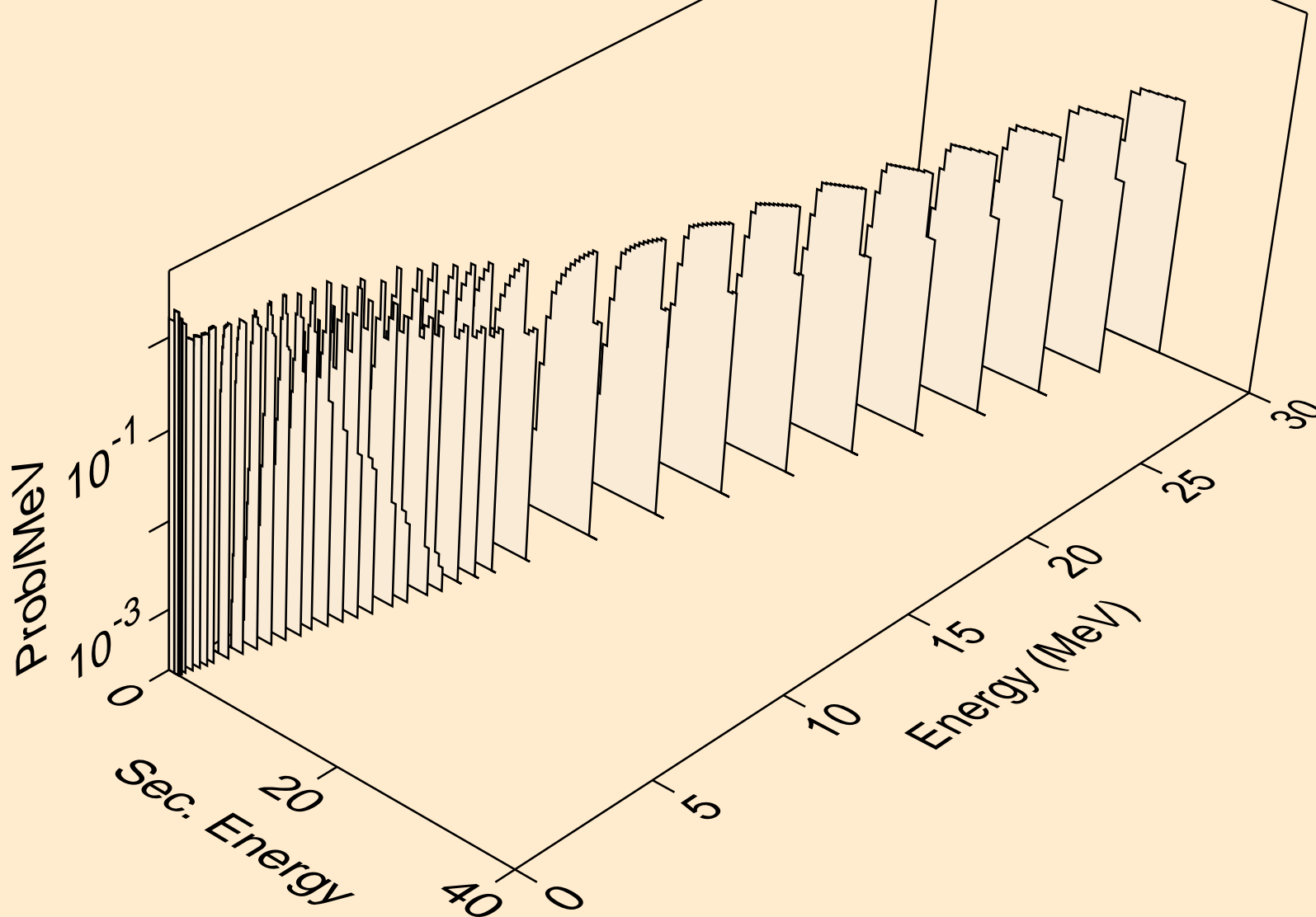
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deuterons from (n,x)



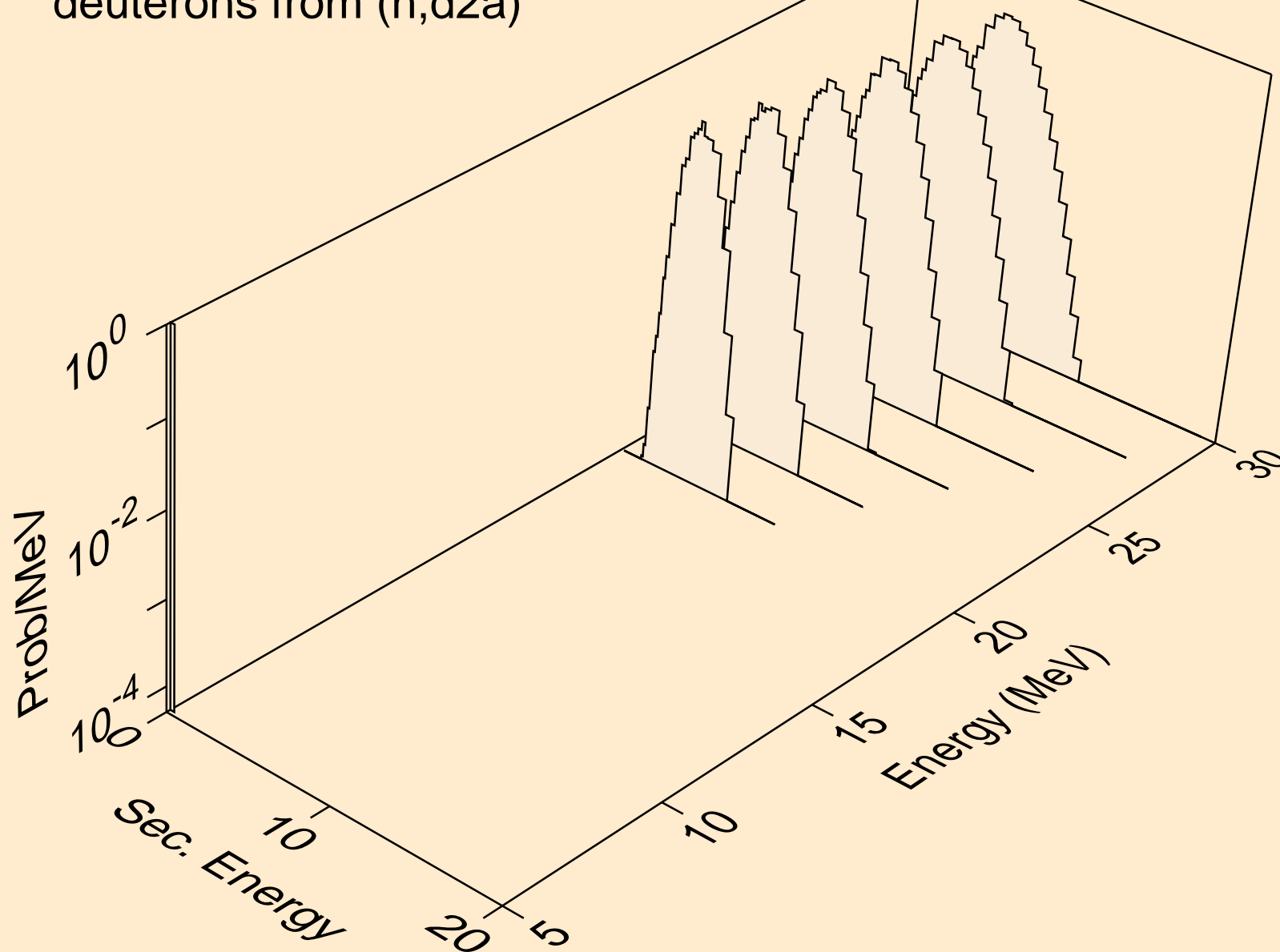
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deuterons from (n,n\*)d



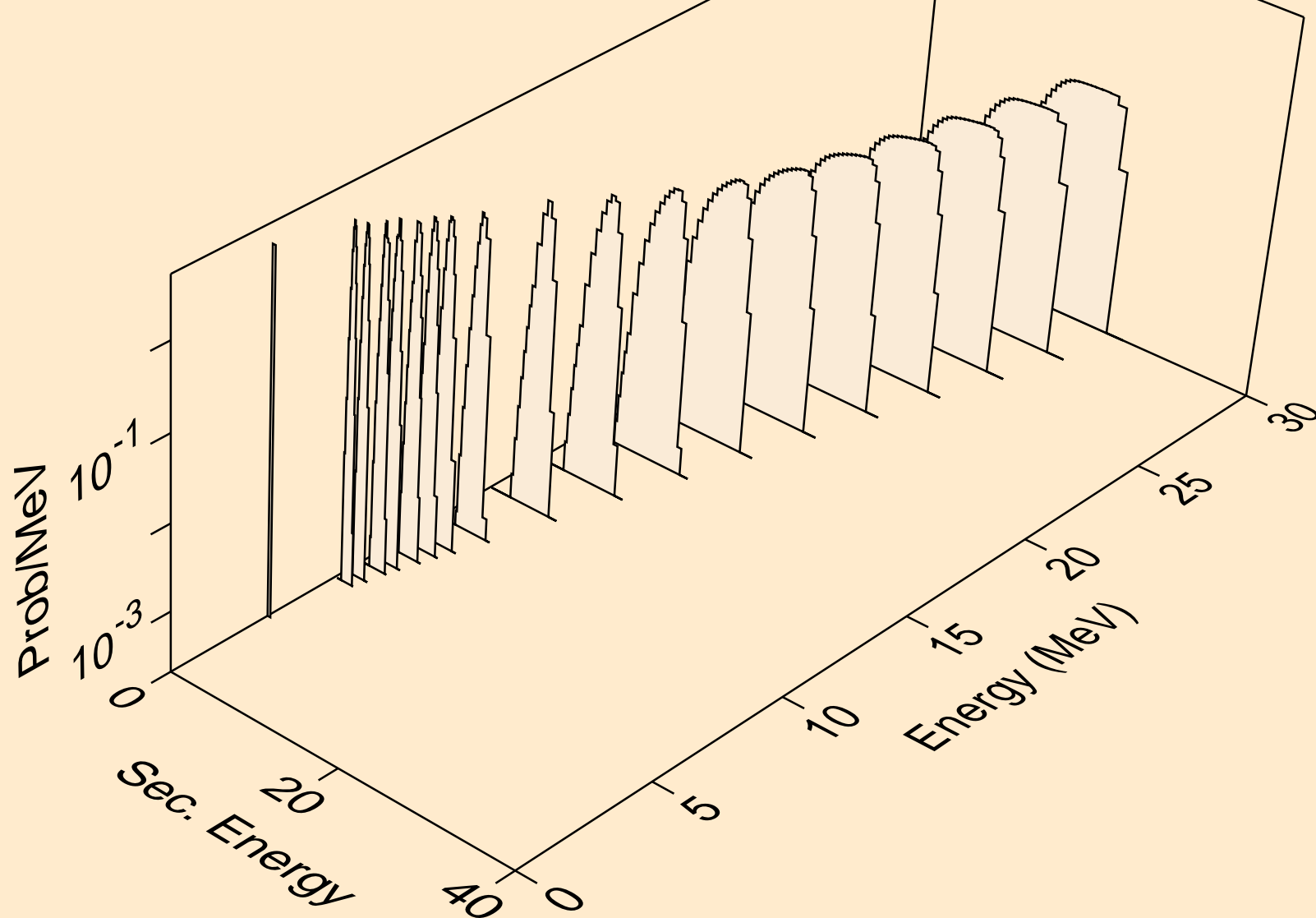
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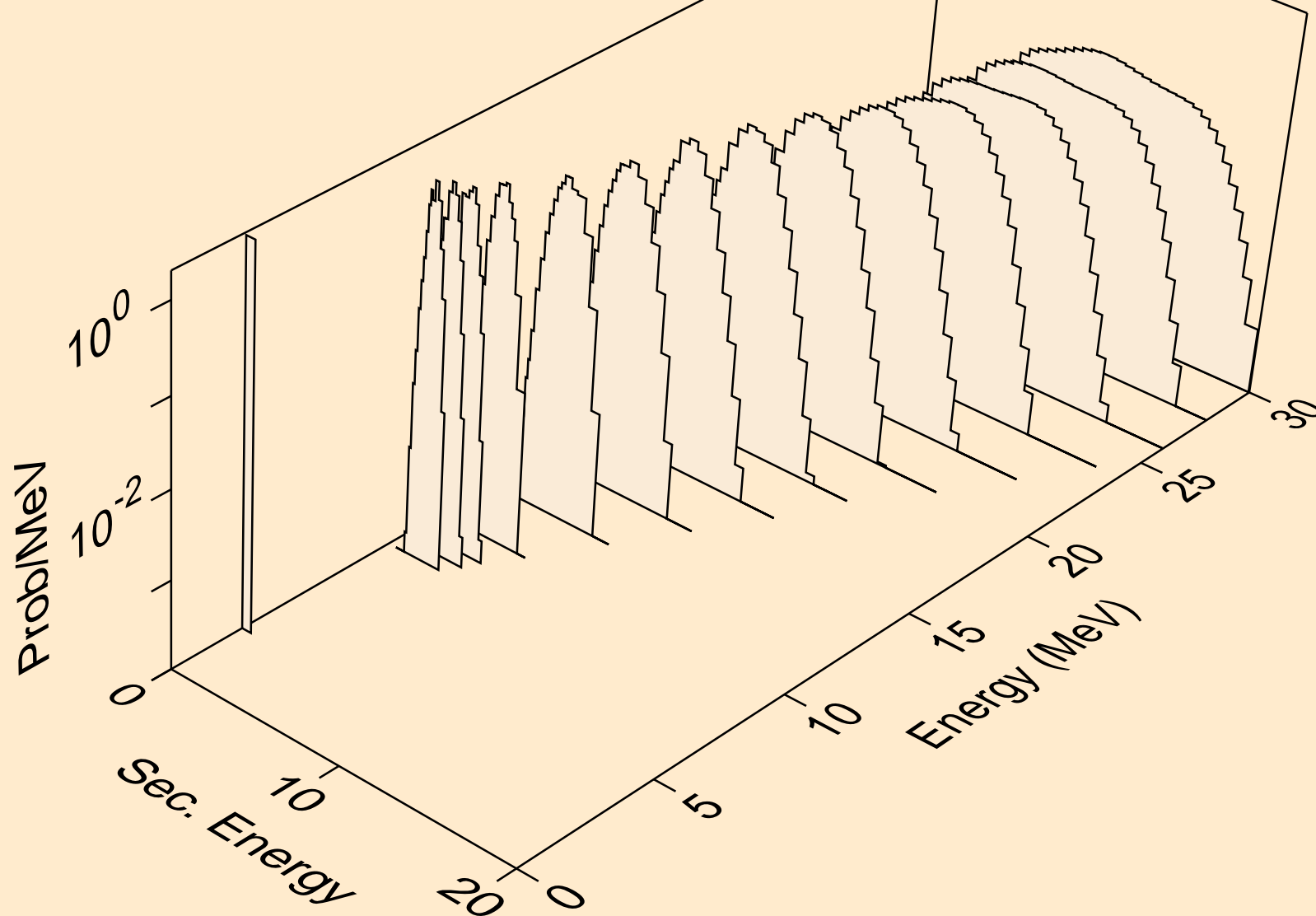
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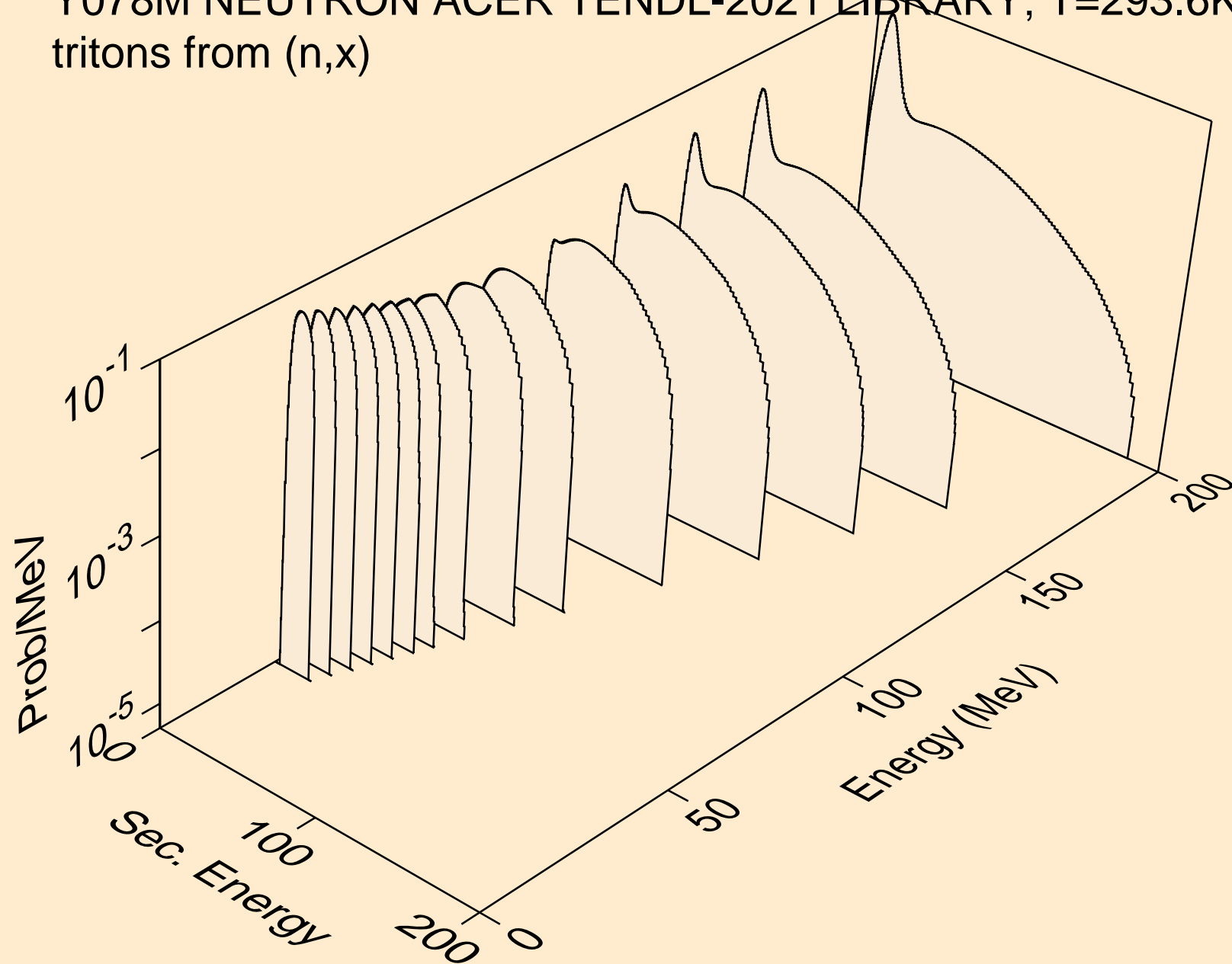
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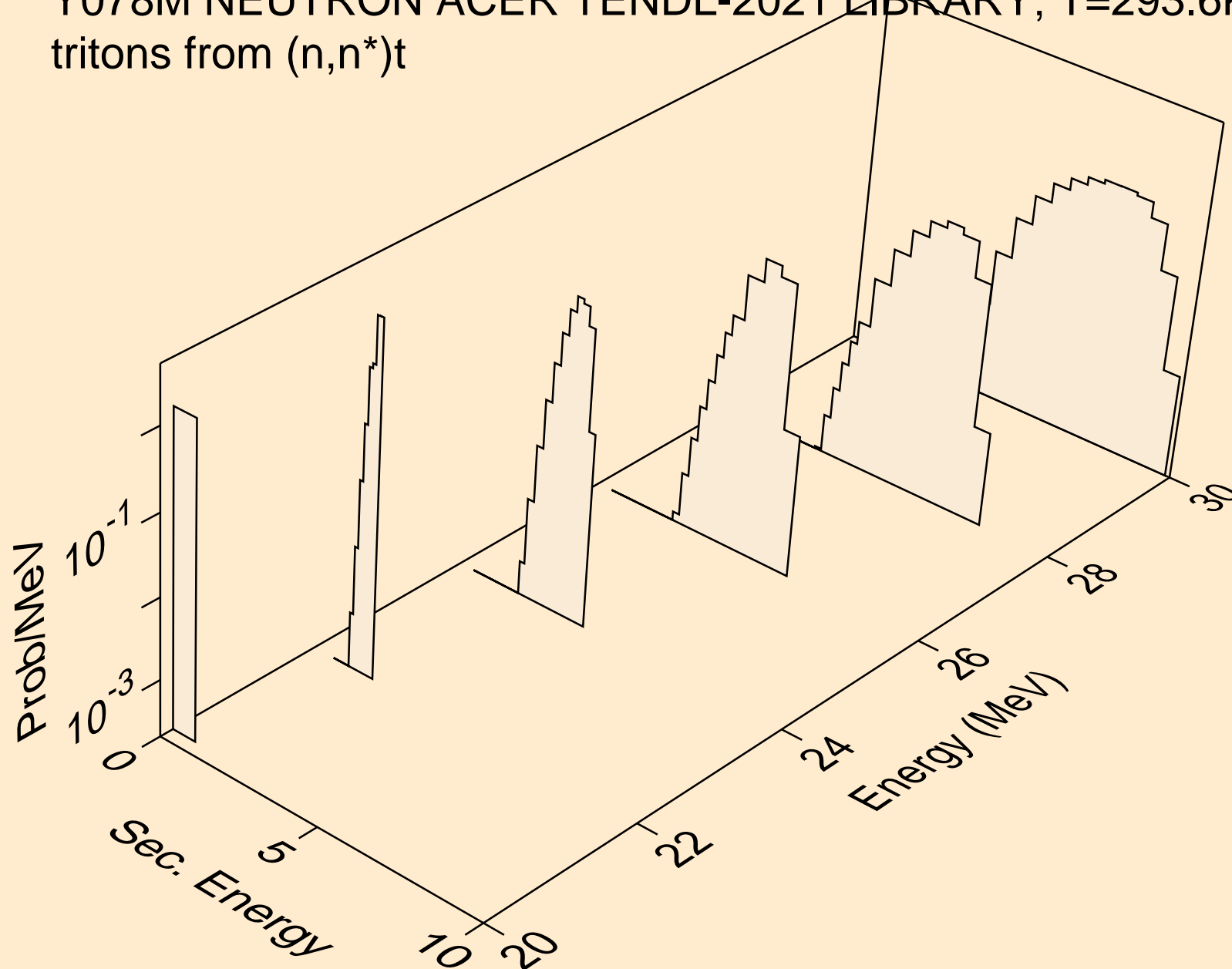
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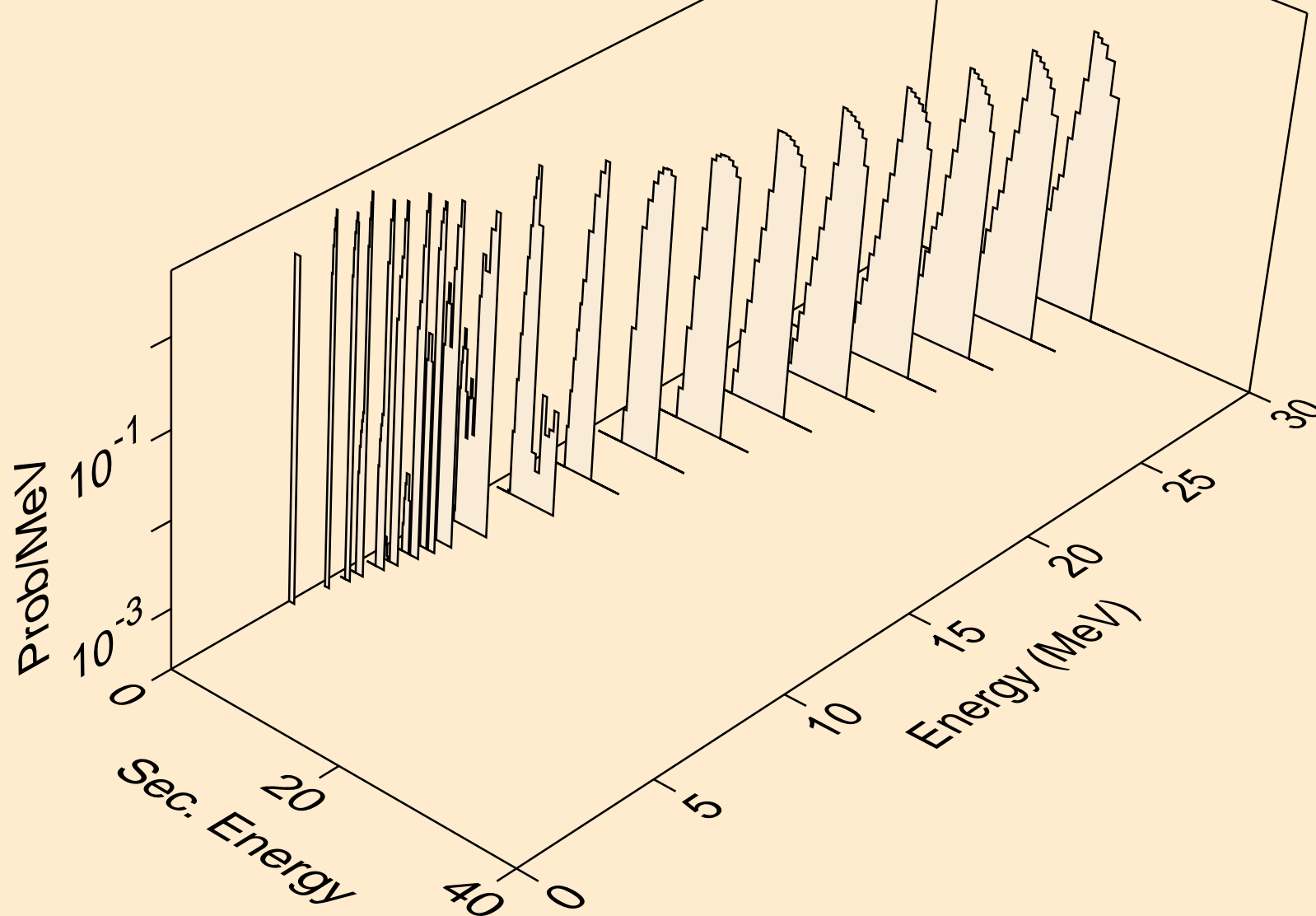
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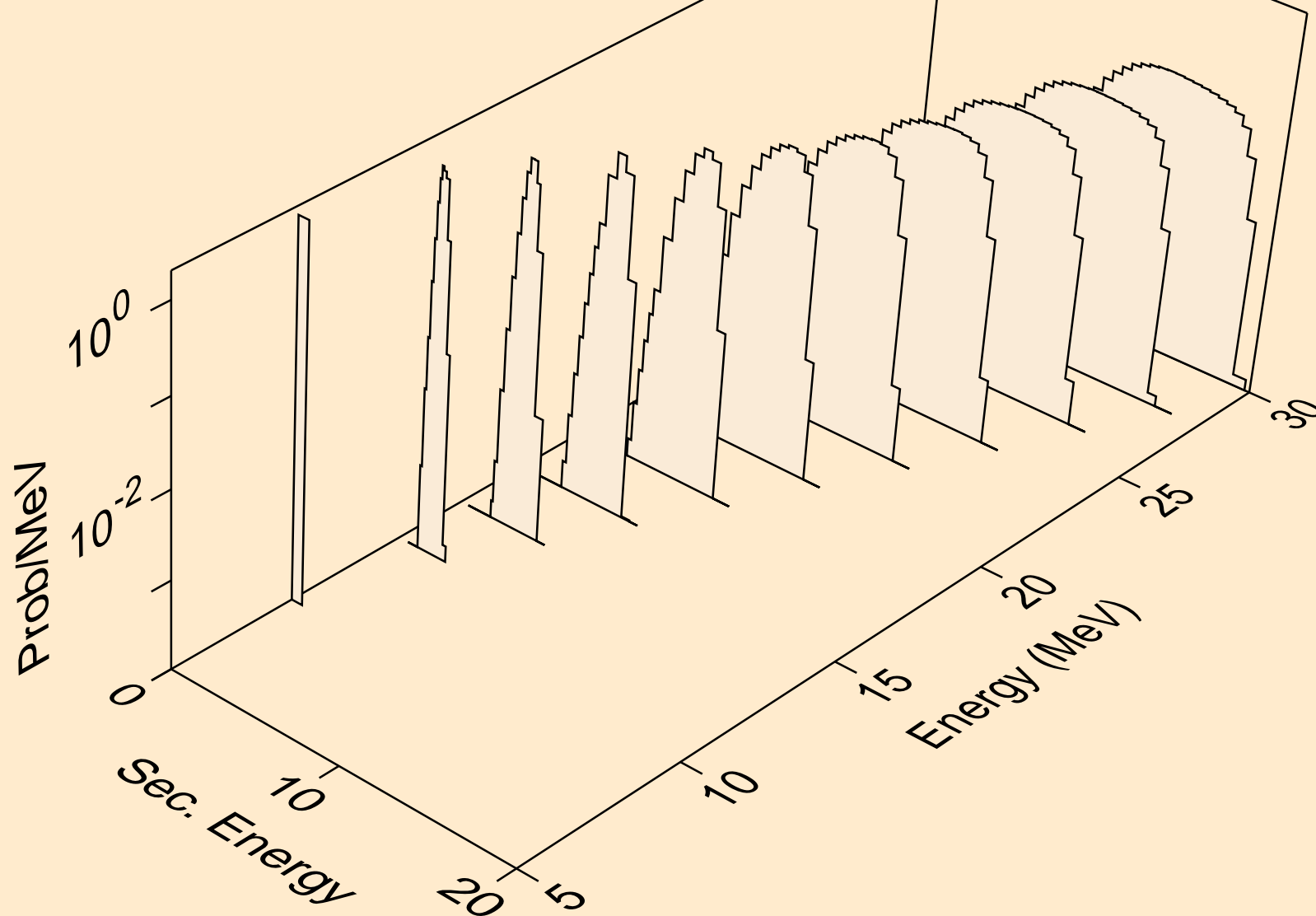
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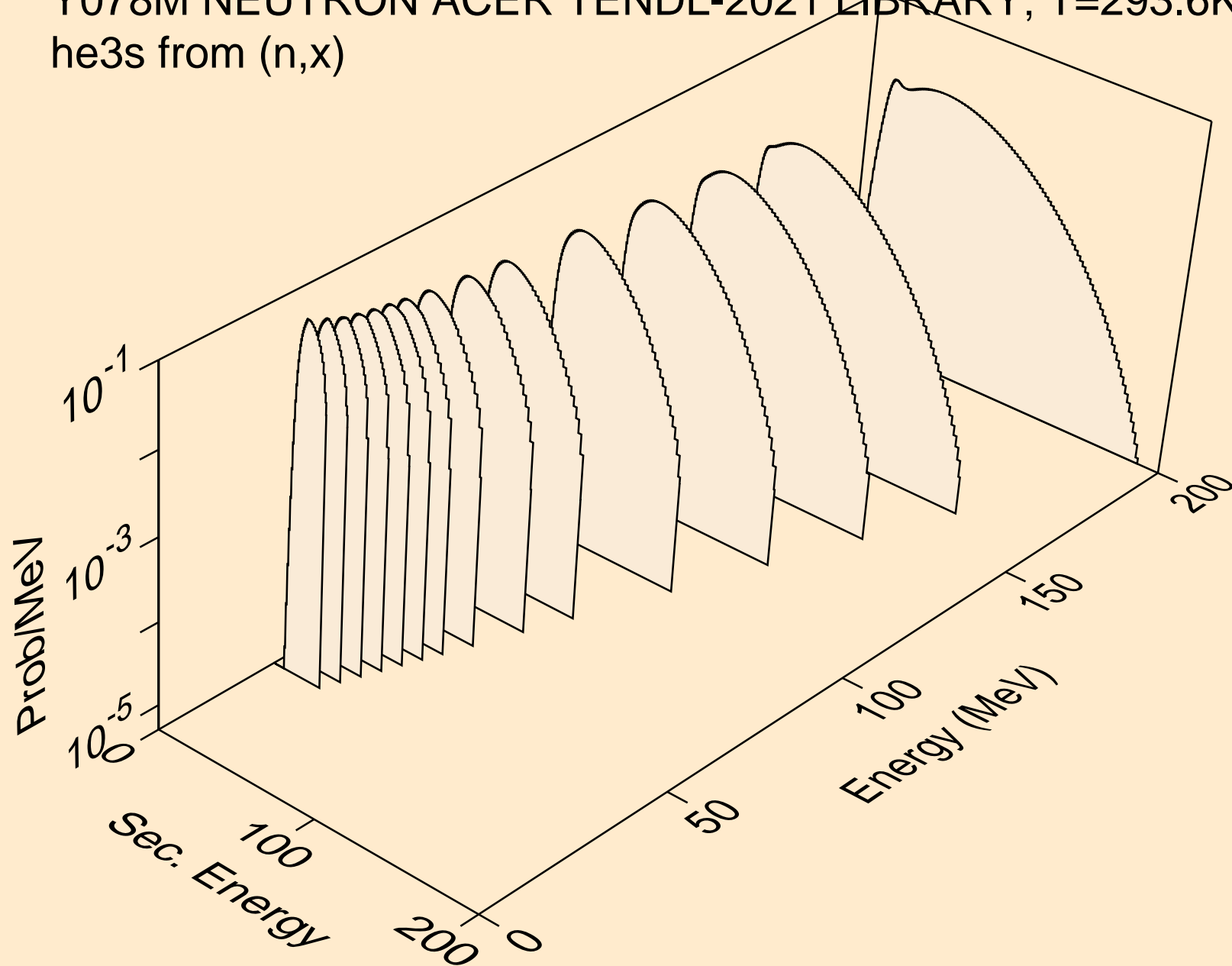
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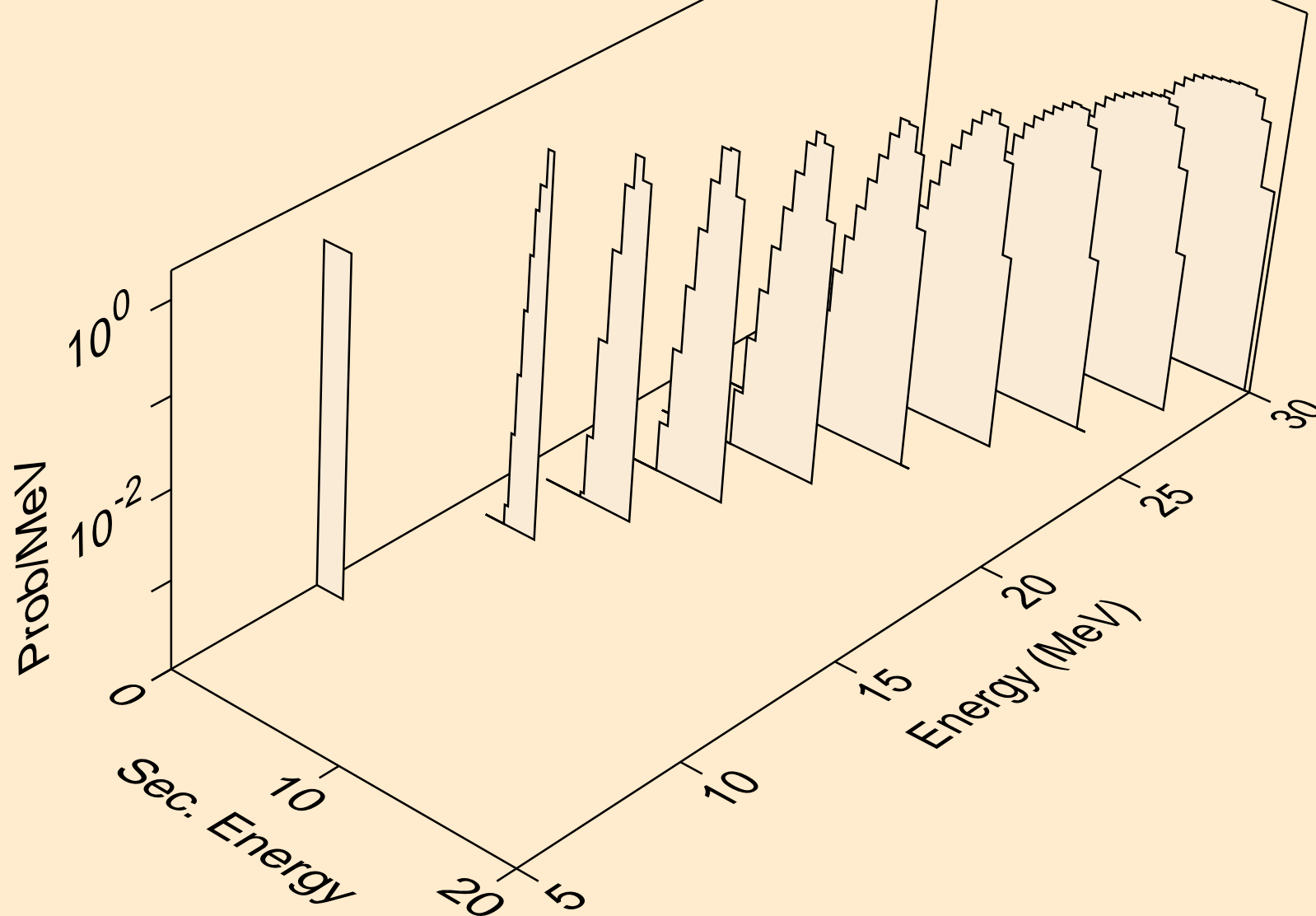
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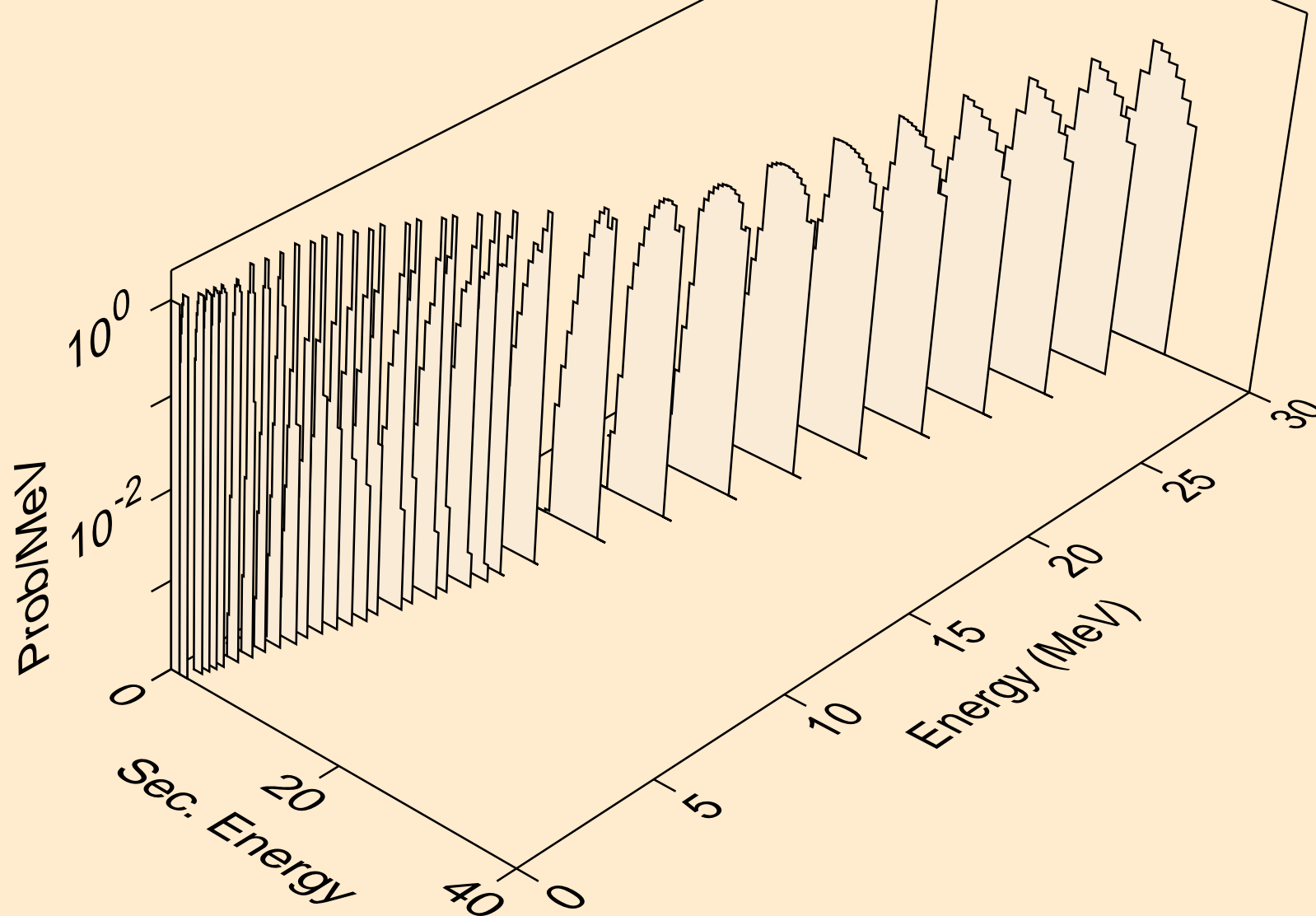
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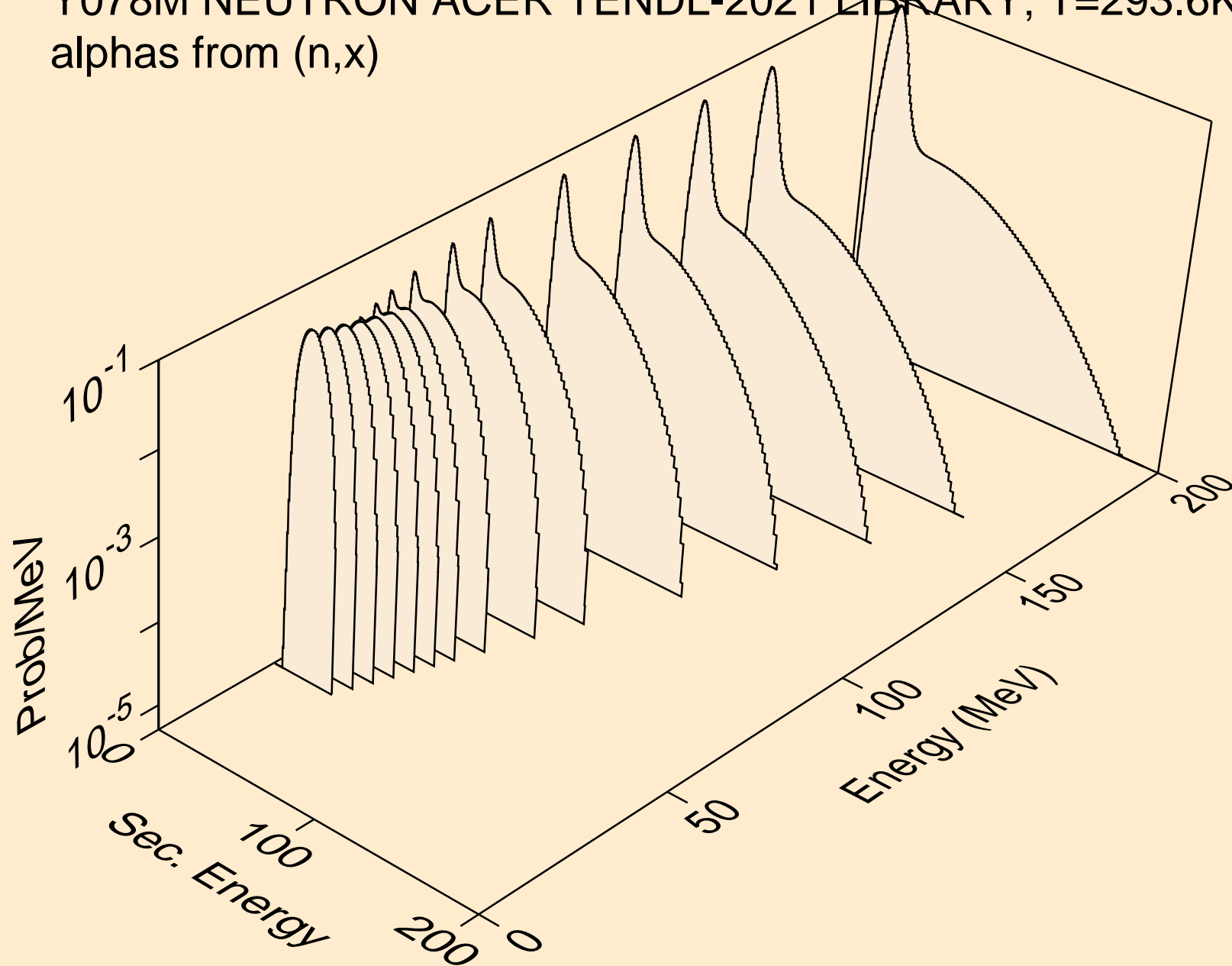
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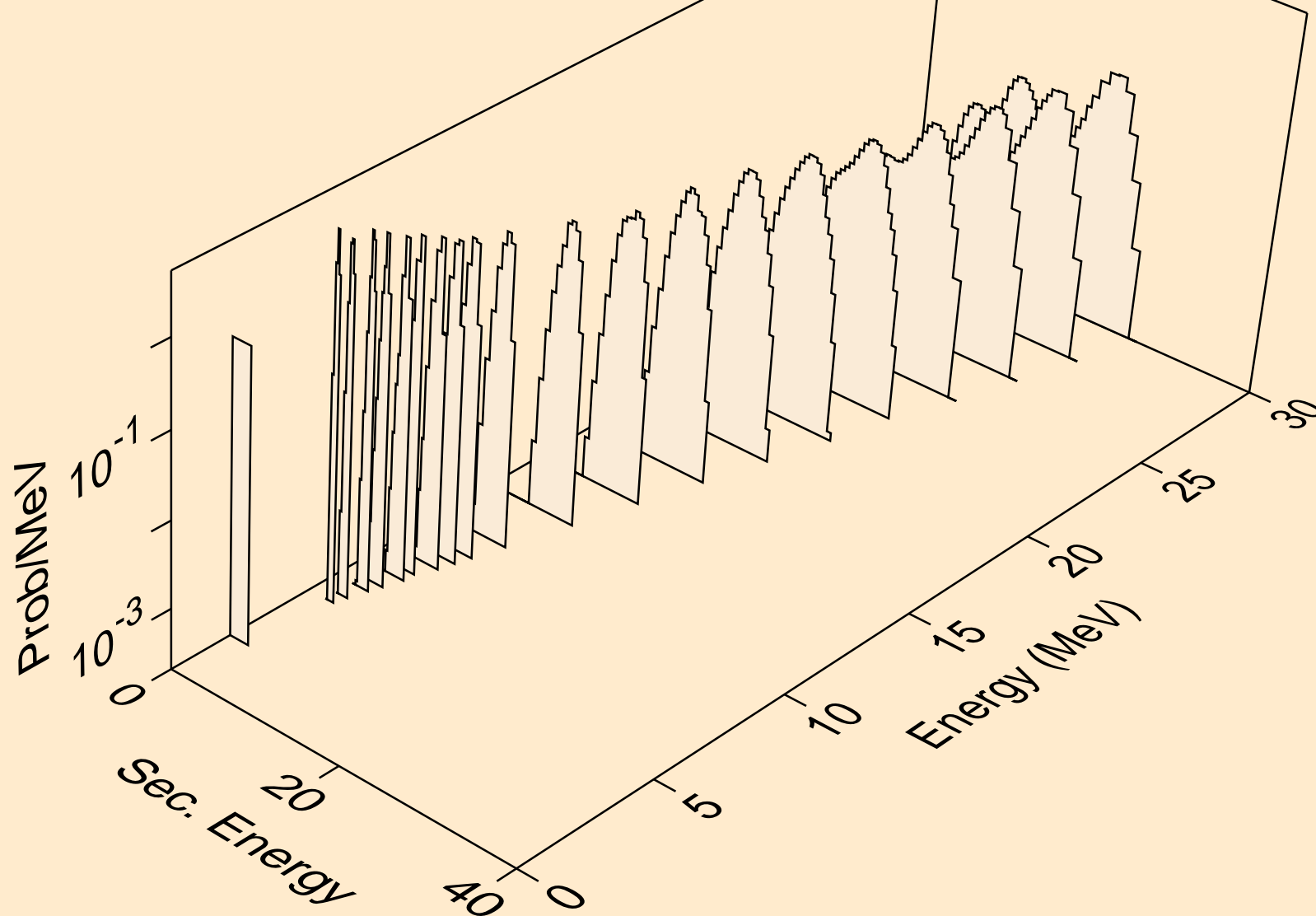
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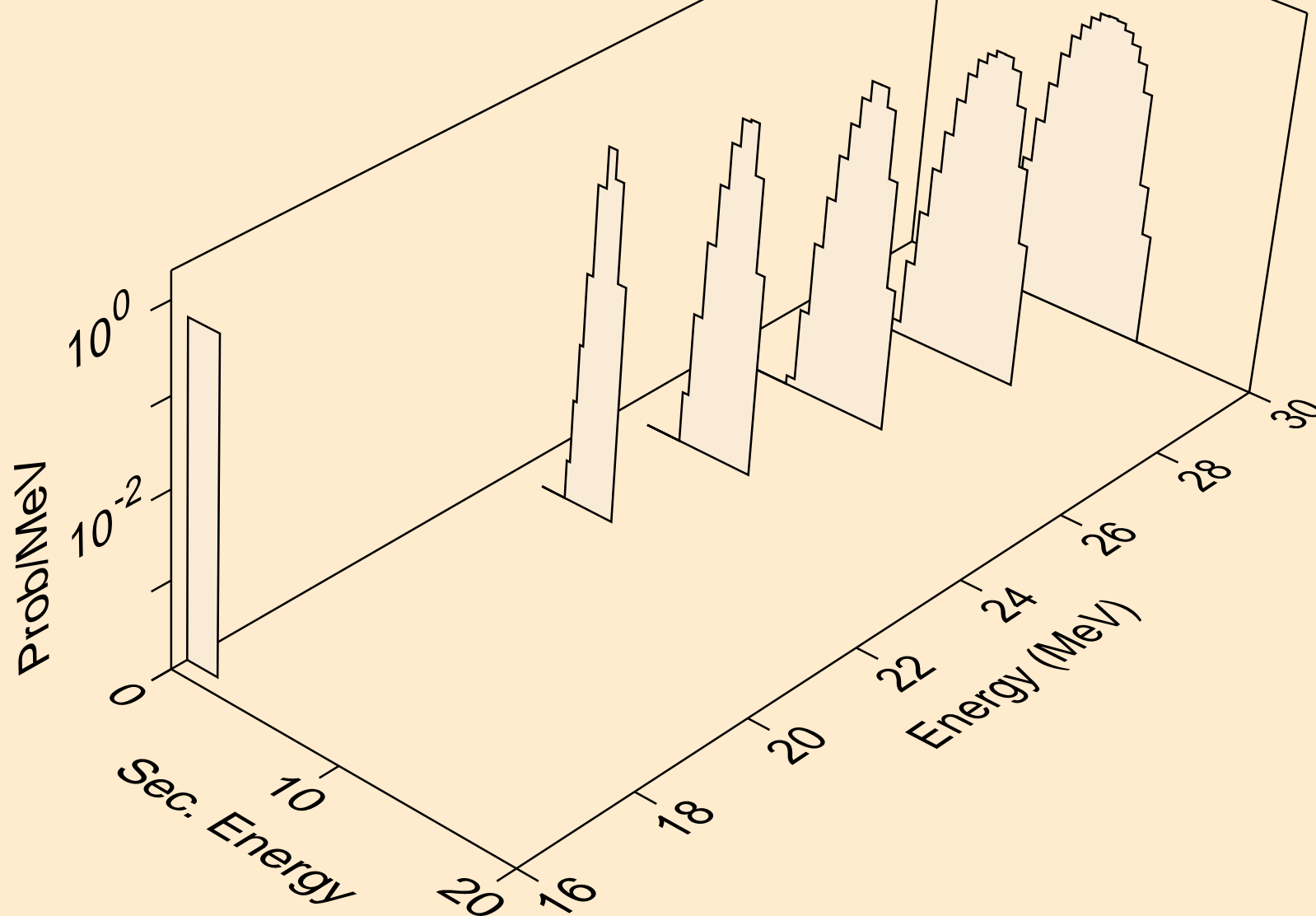
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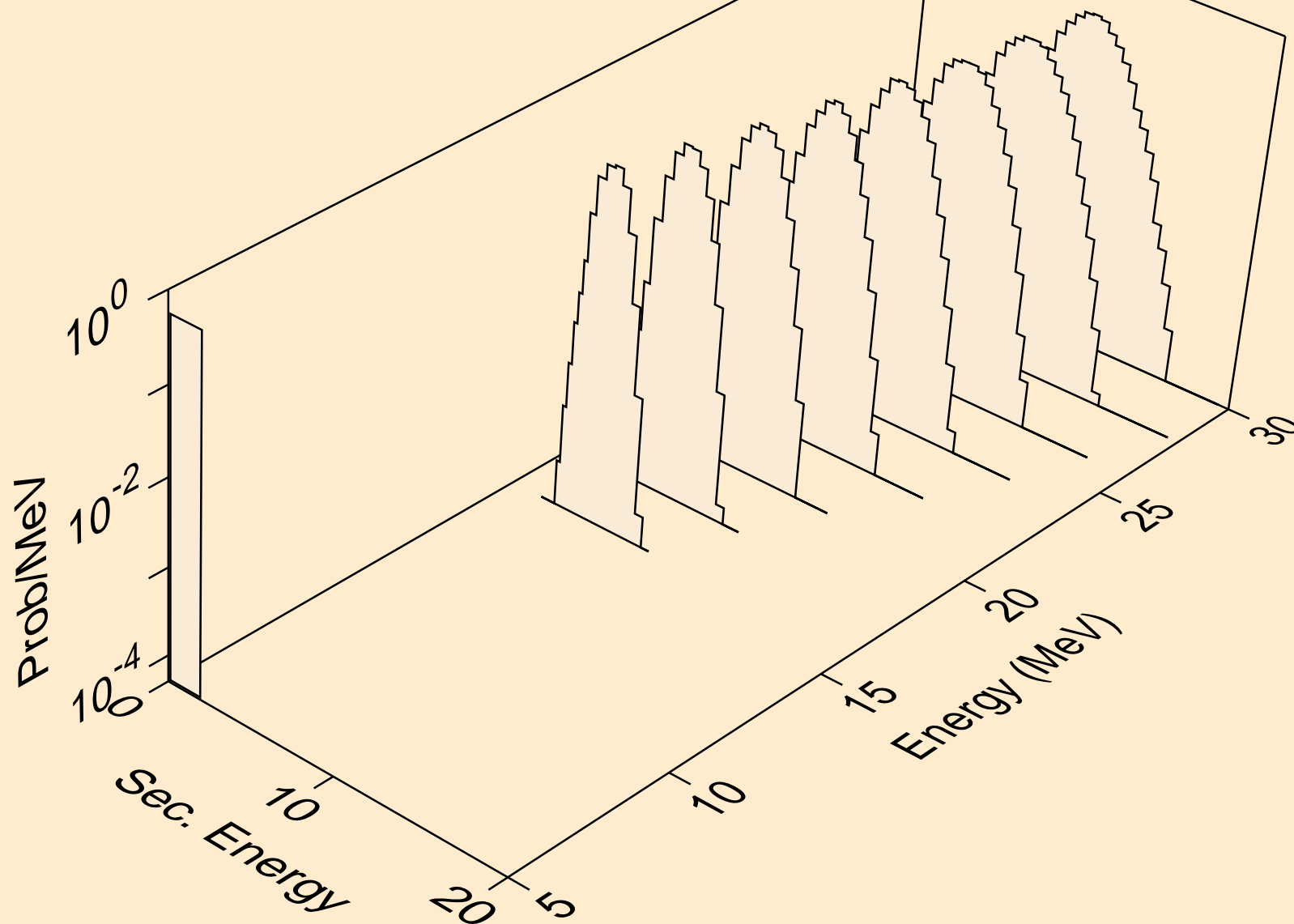
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alphas from (n,n\*)a



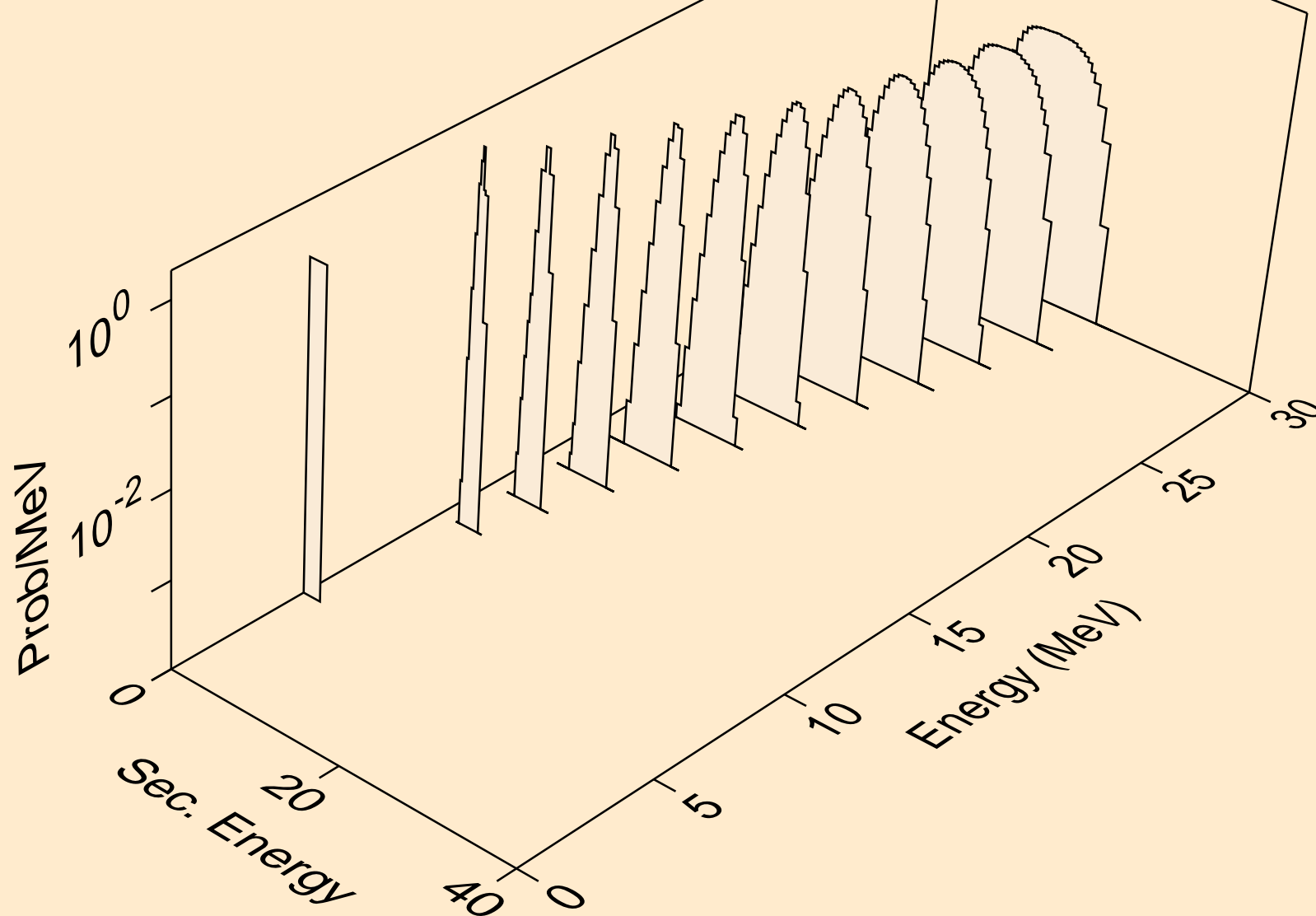
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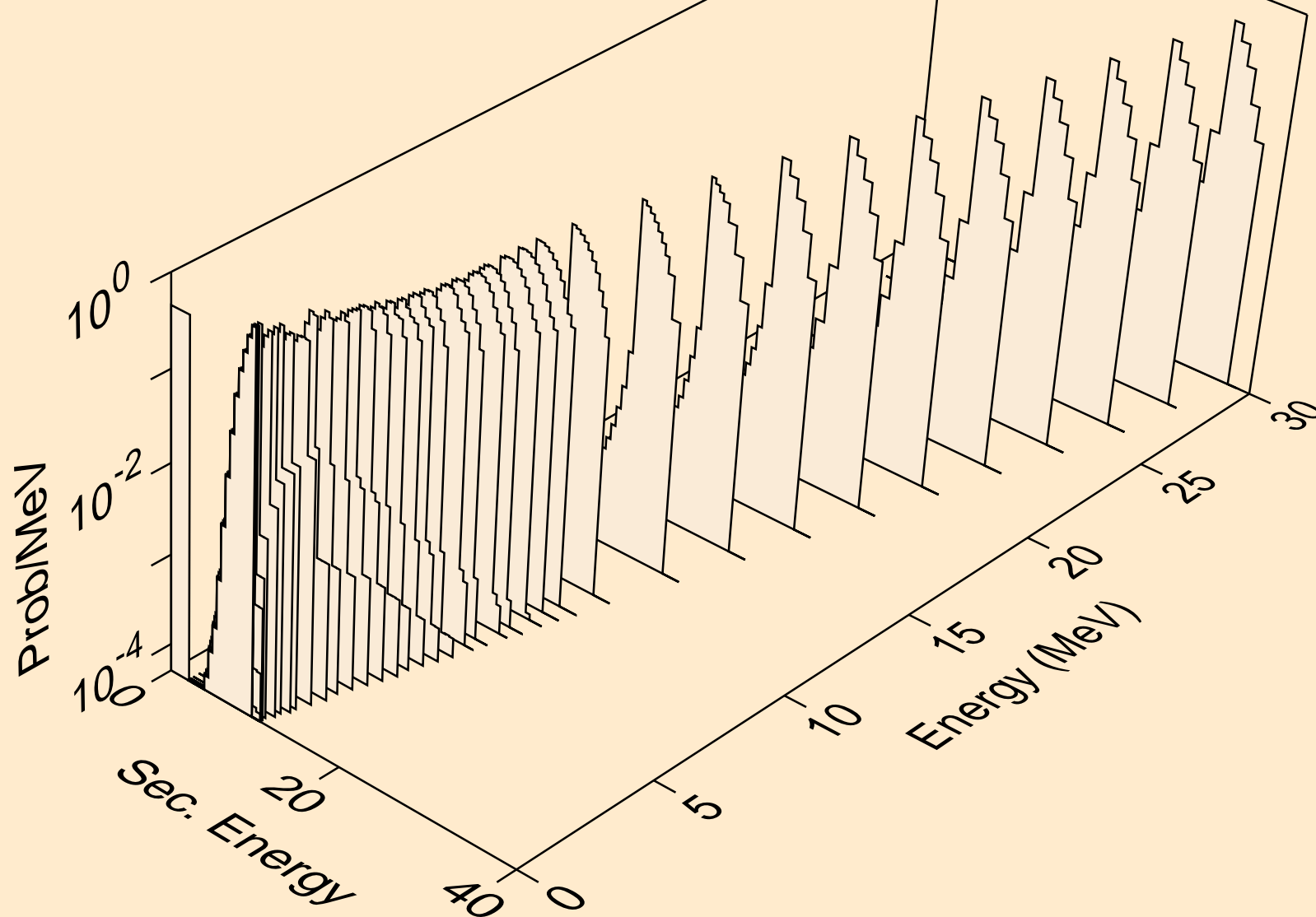
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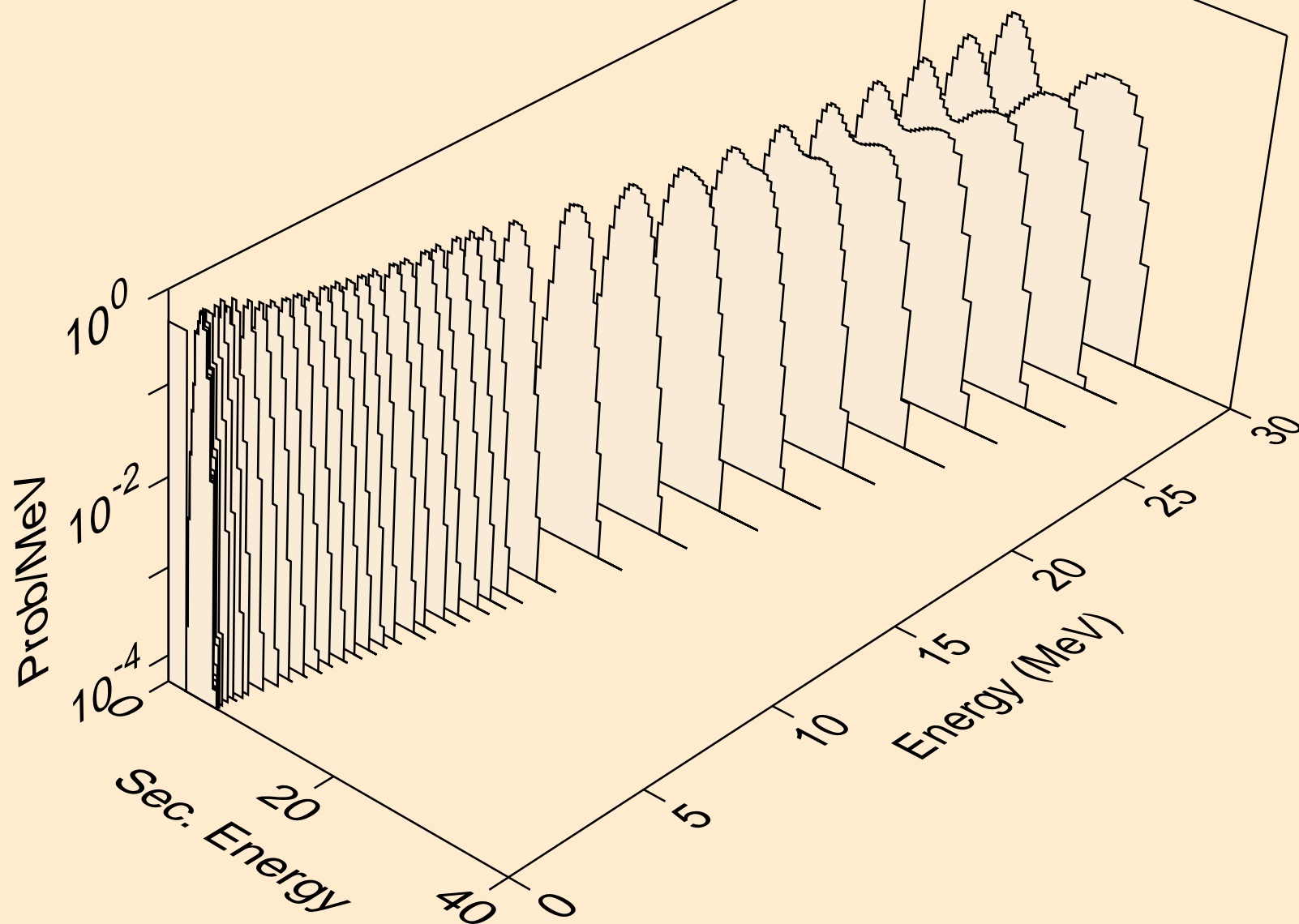
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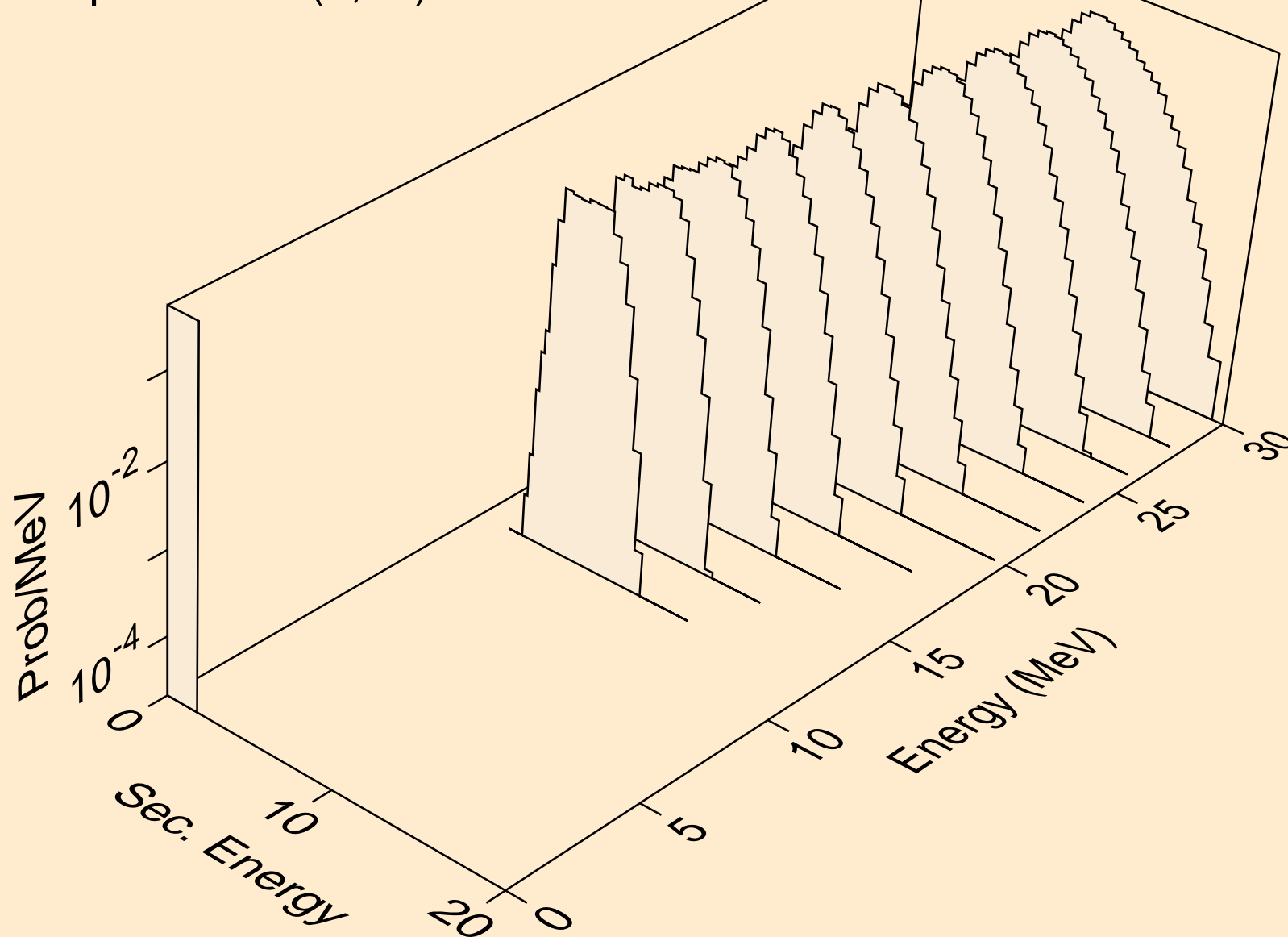
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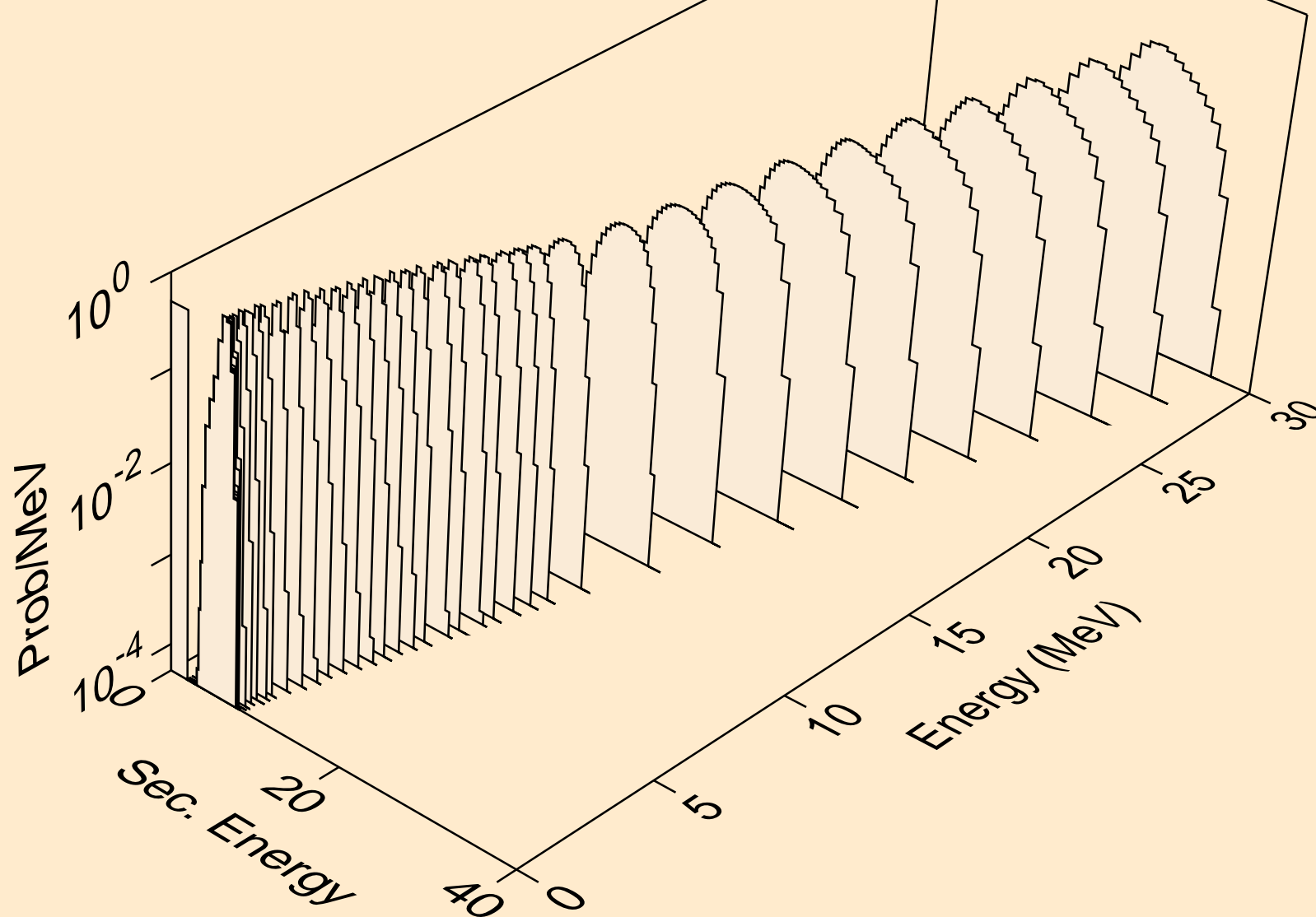
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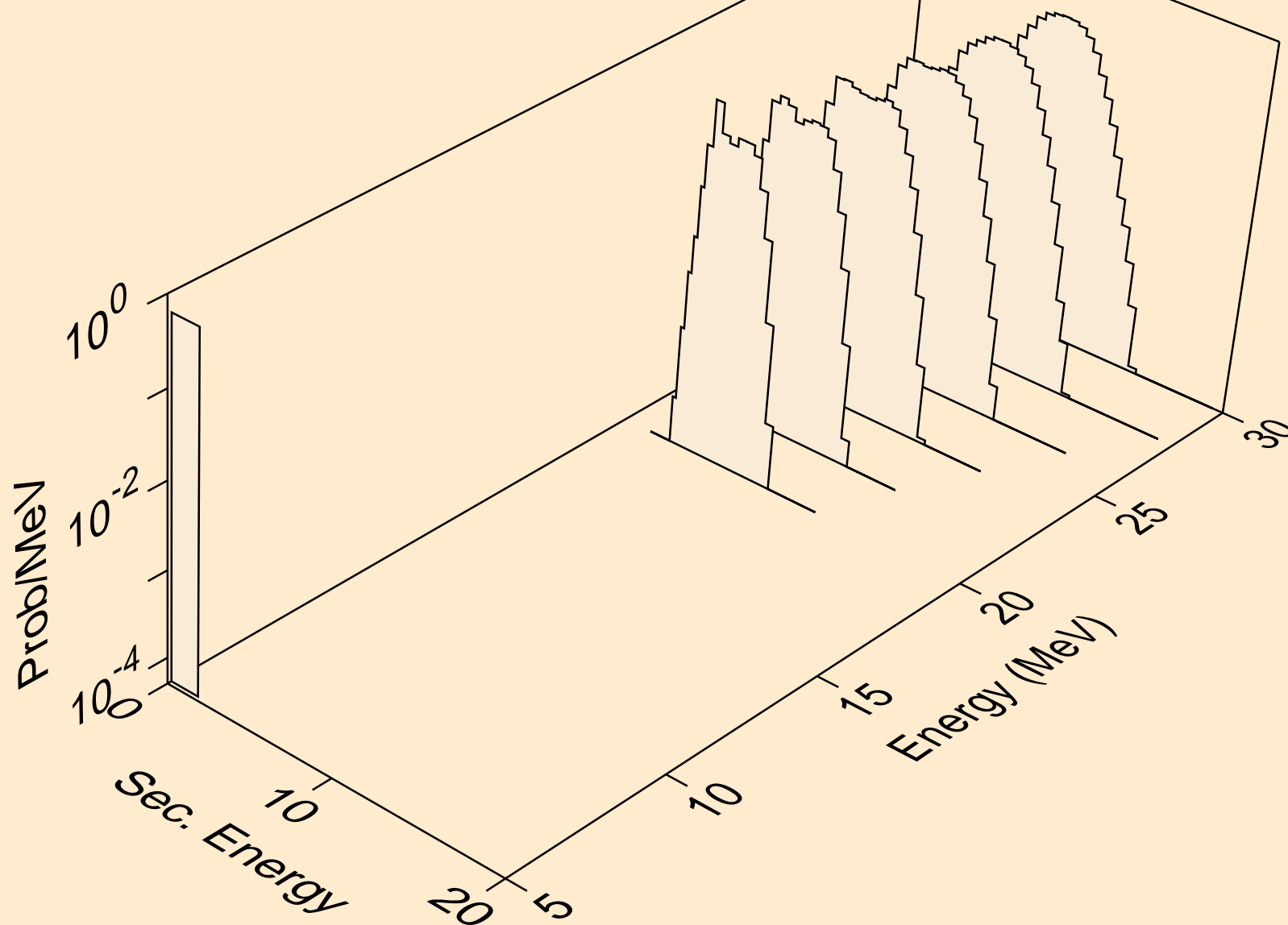
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alphas from (n,3a)



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,d2a)



Y078M NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

