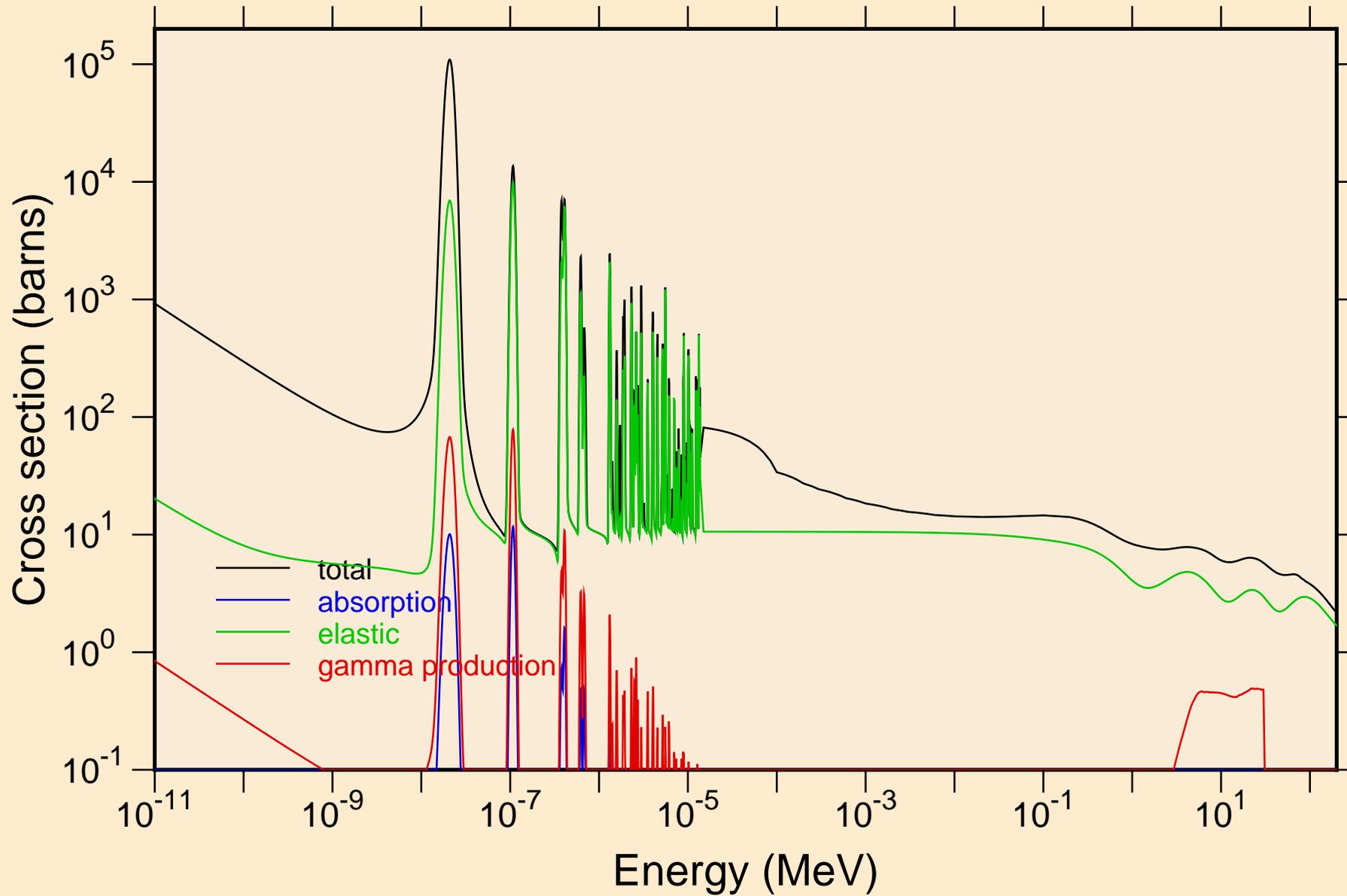
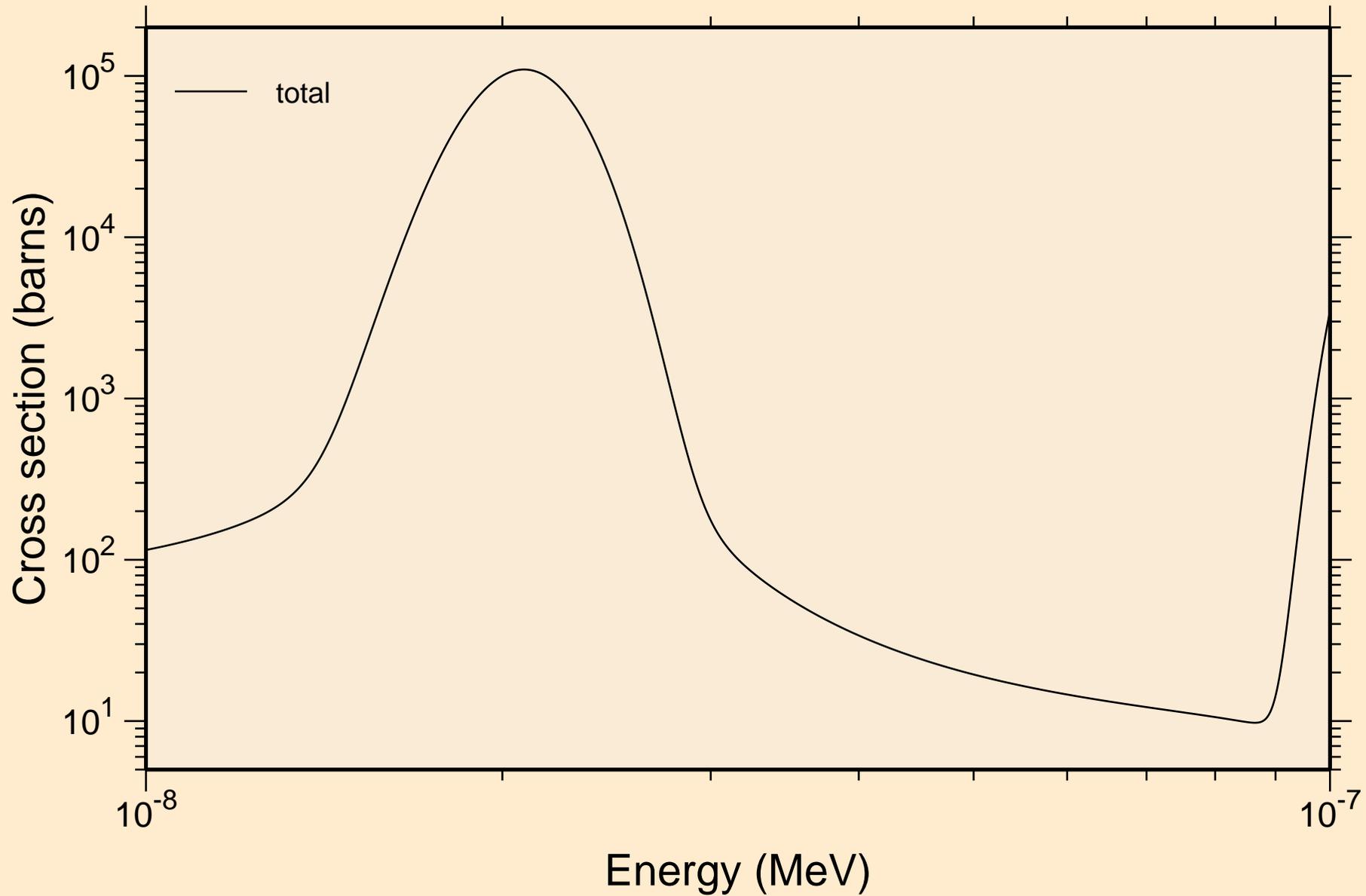


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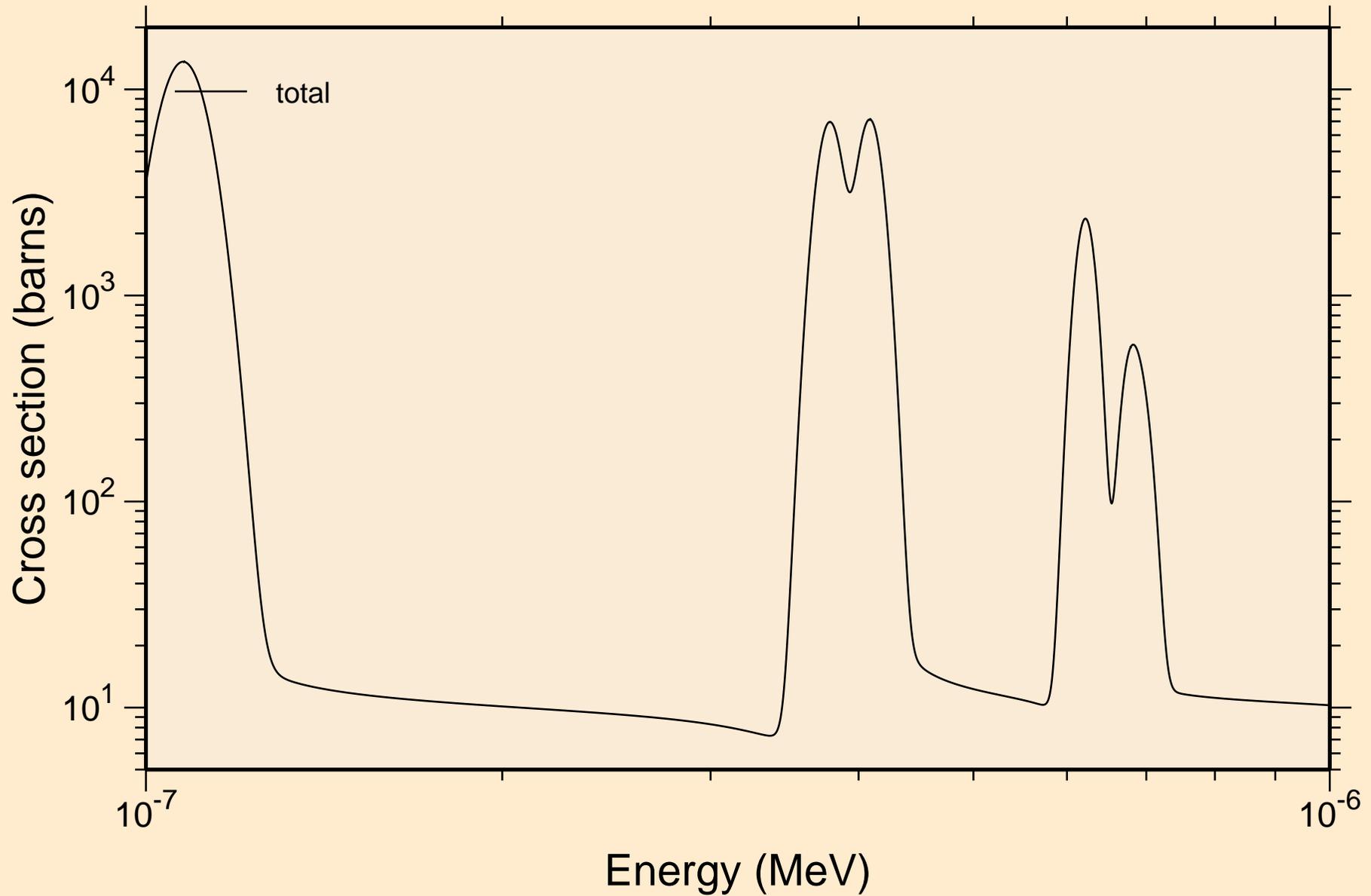
## Principal cross sections



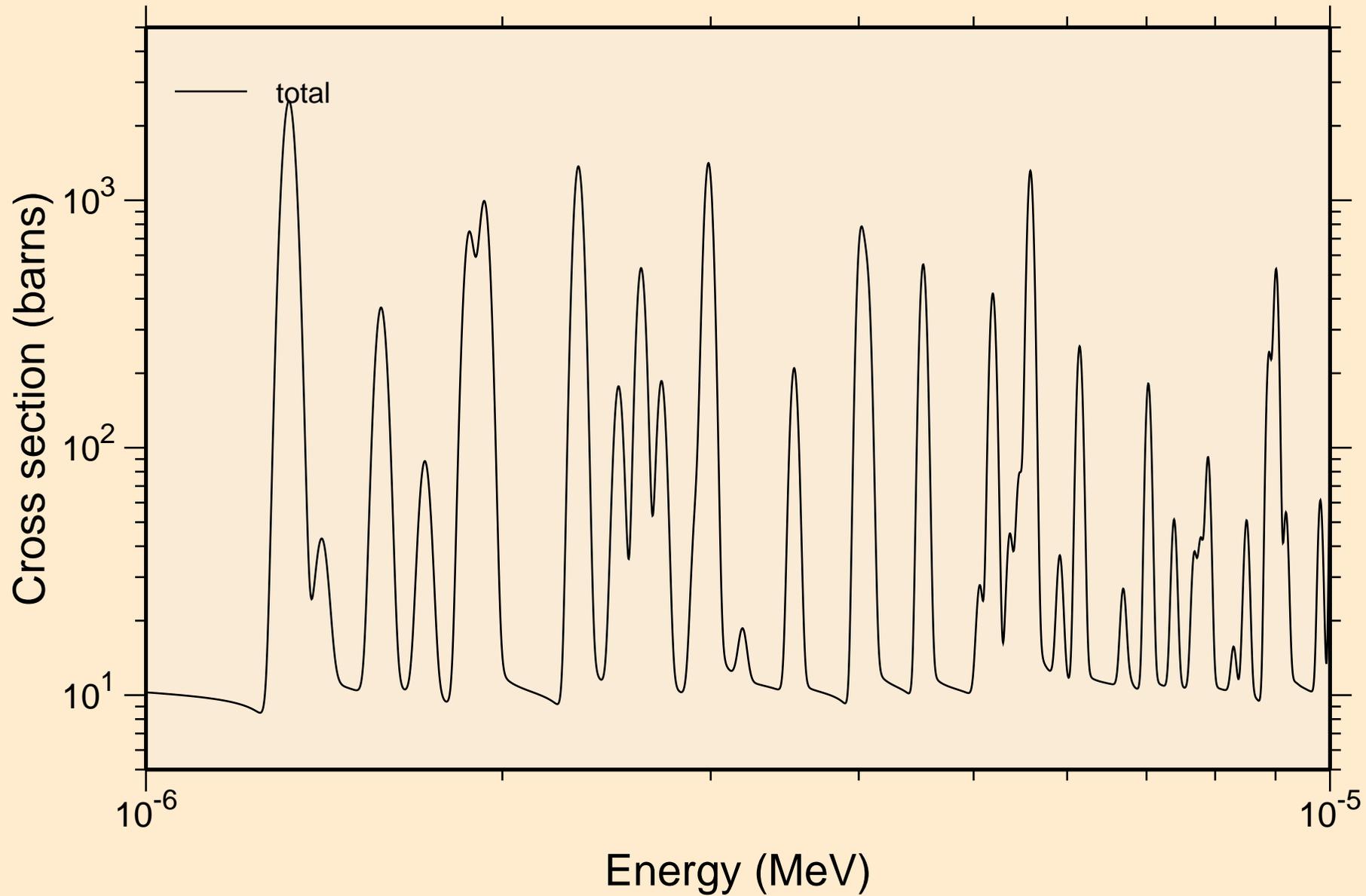
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resonance total cross section



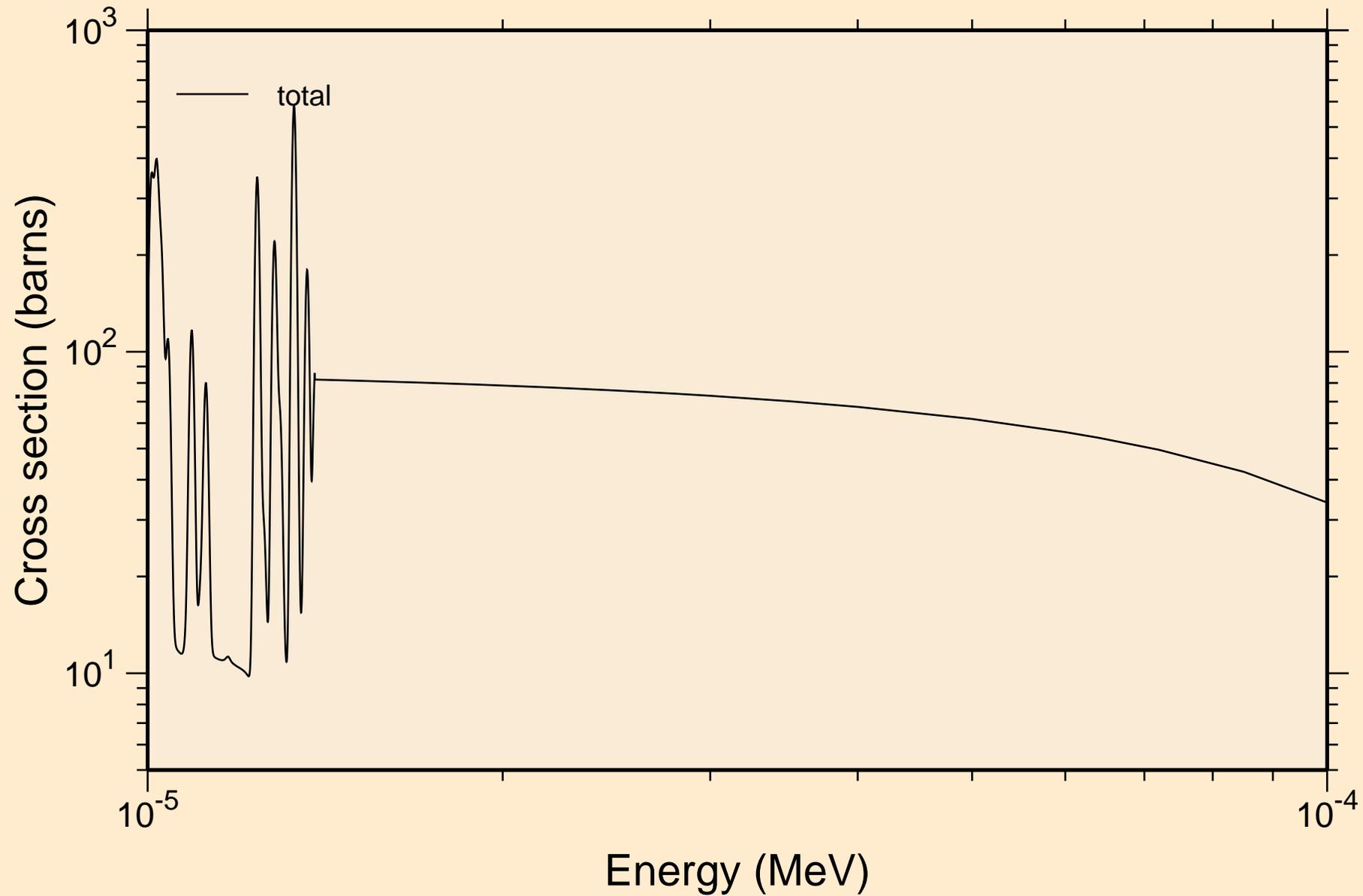
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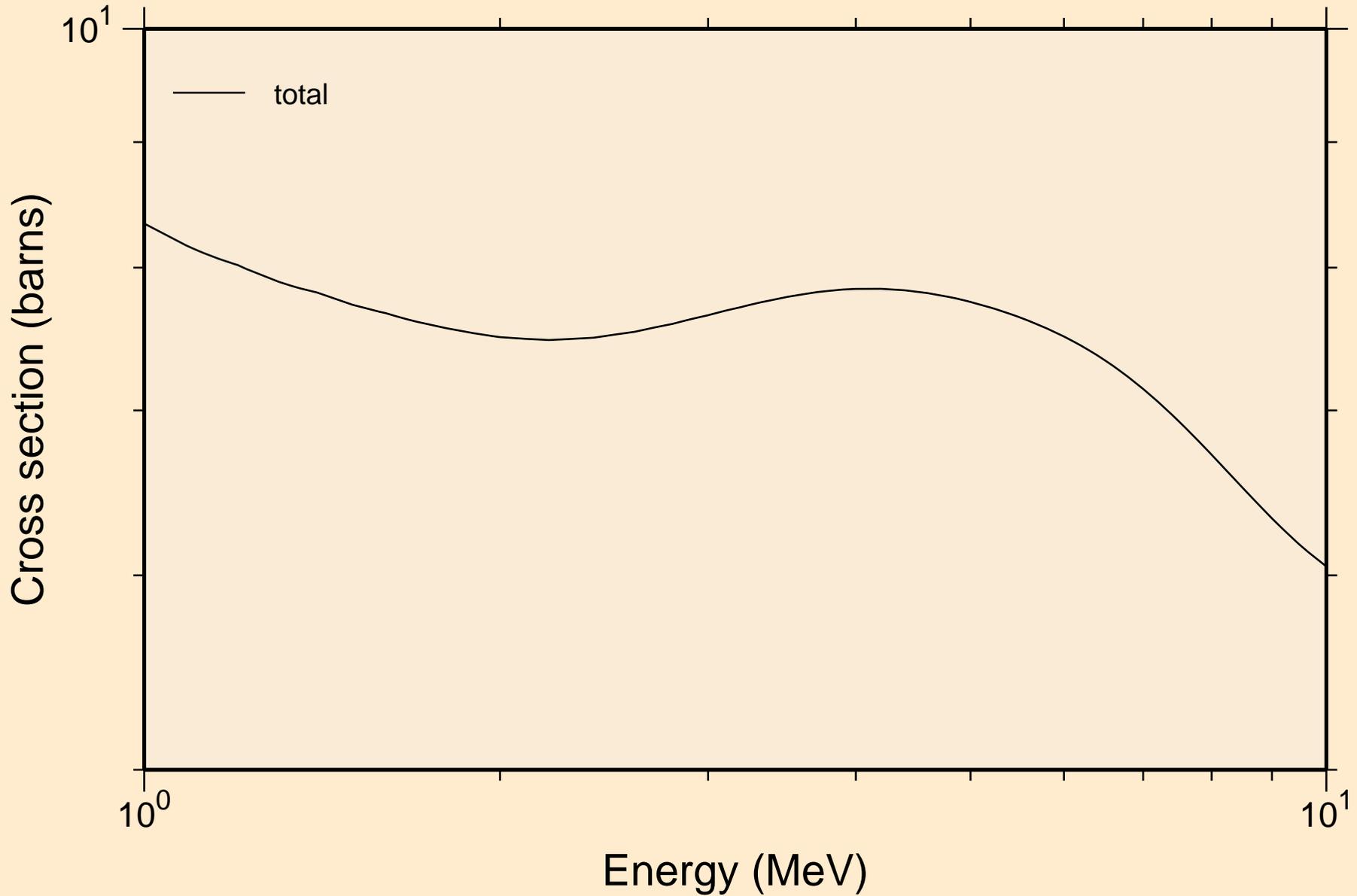
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resonance total cross section



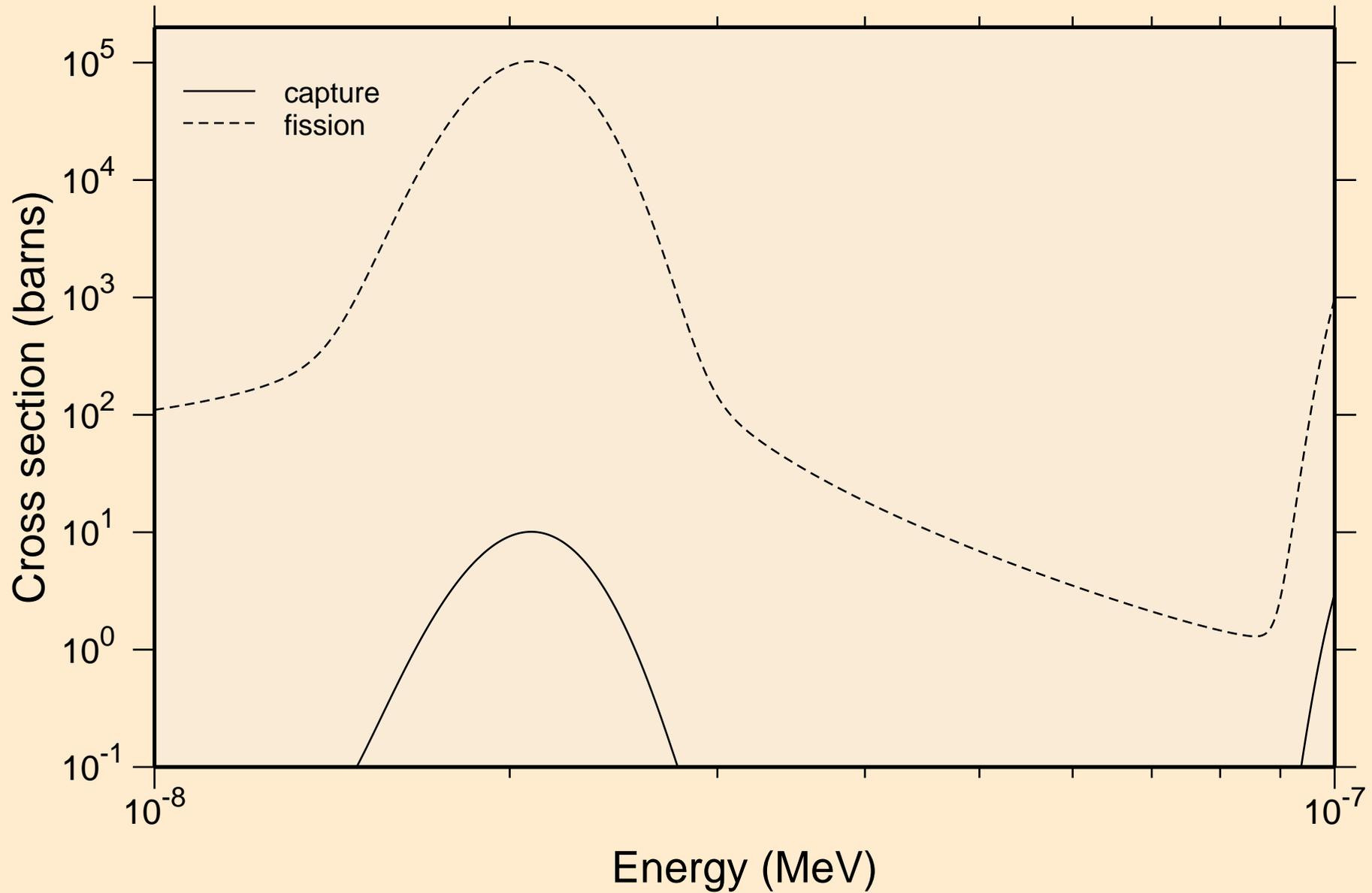
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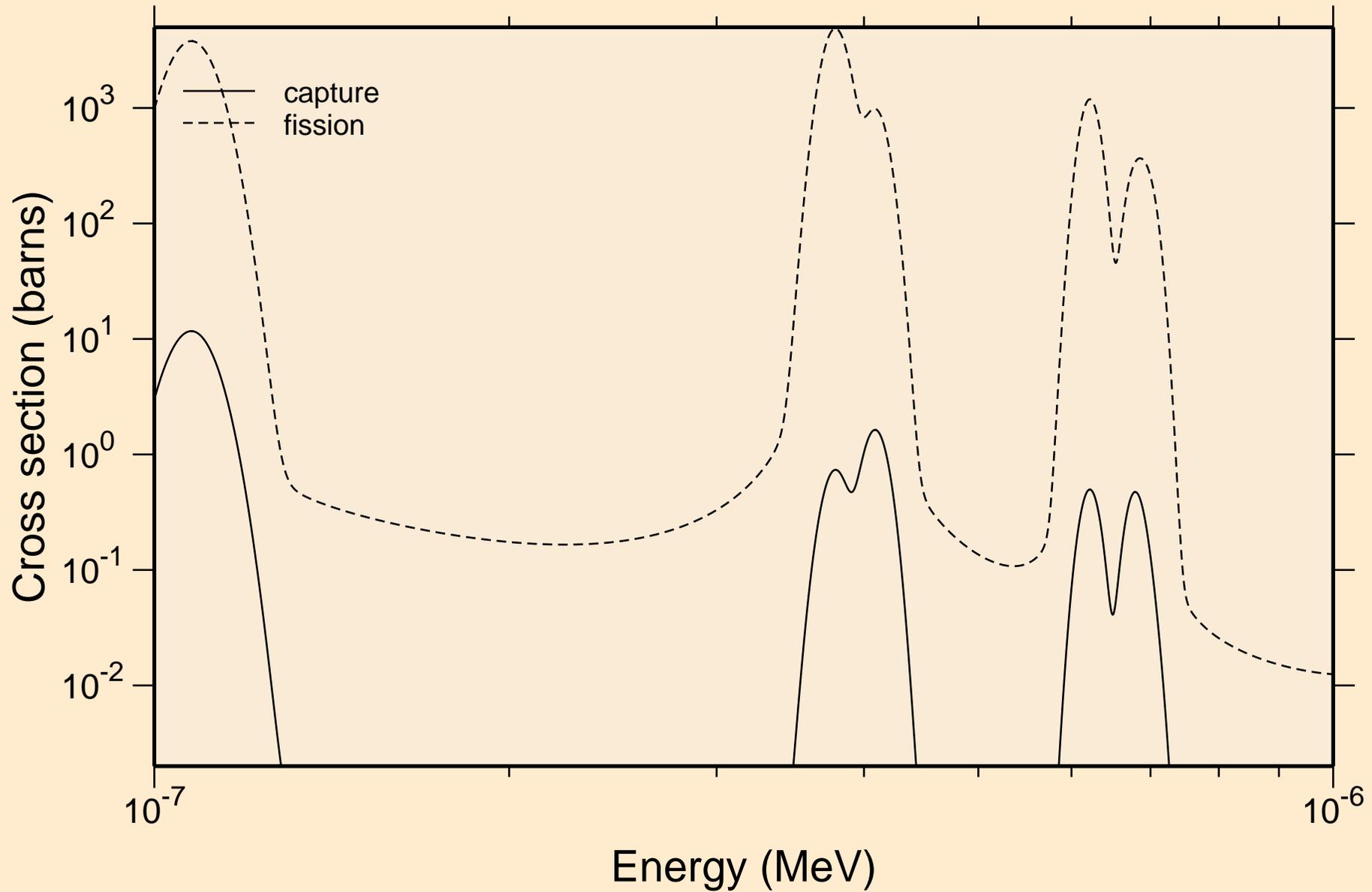
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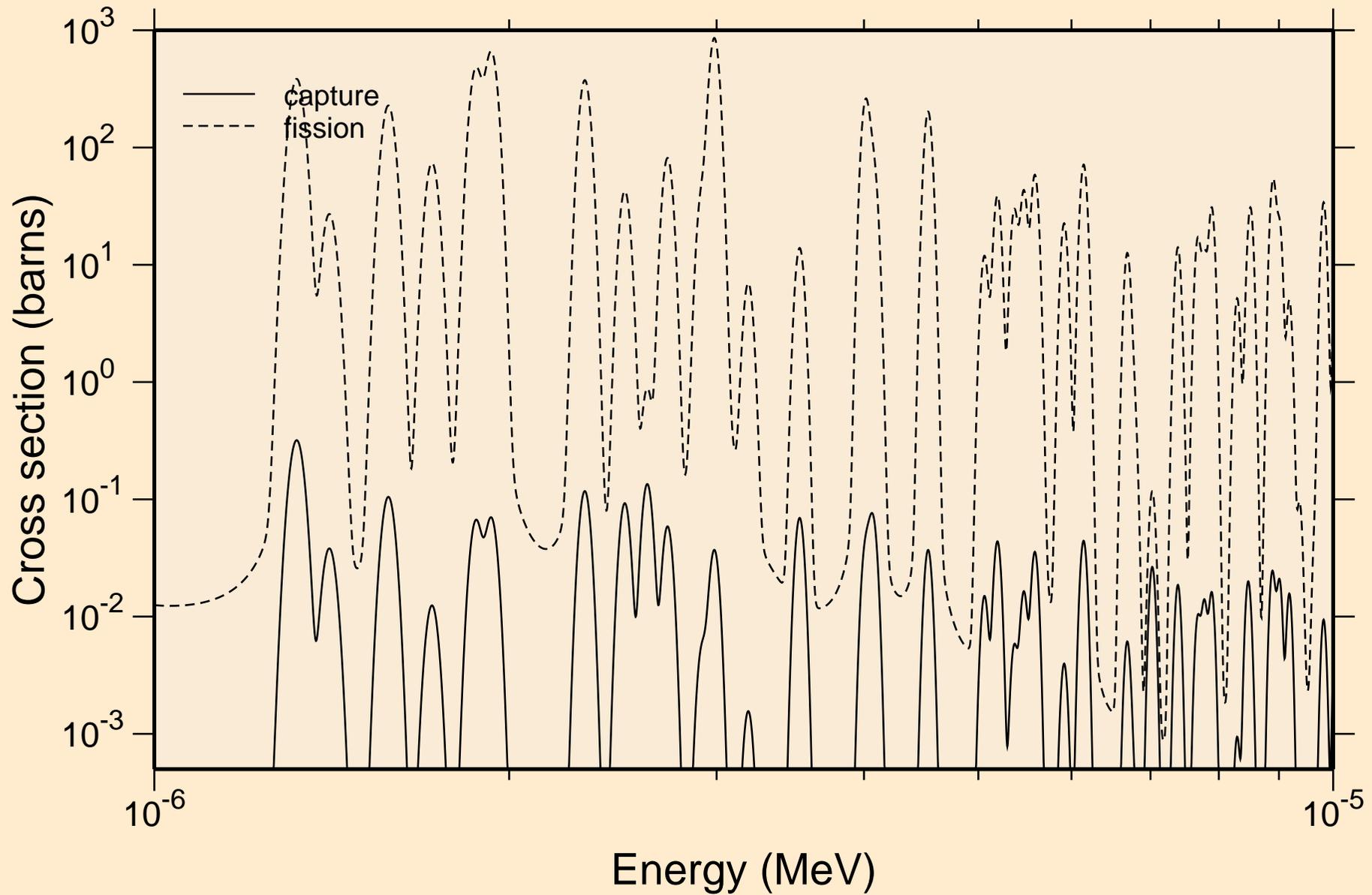
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resonance absorption cross sections



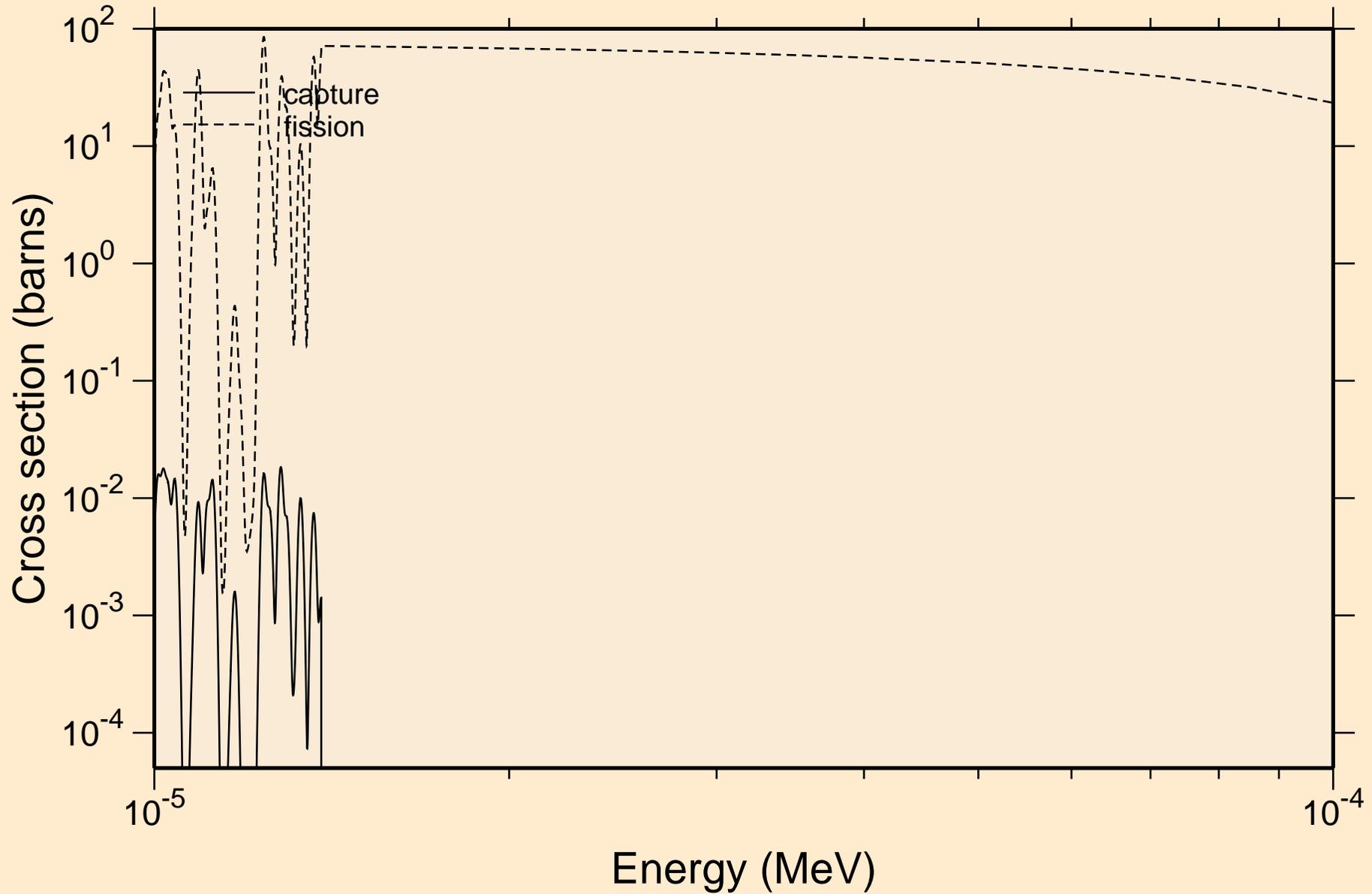
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resonance absorption cross sections



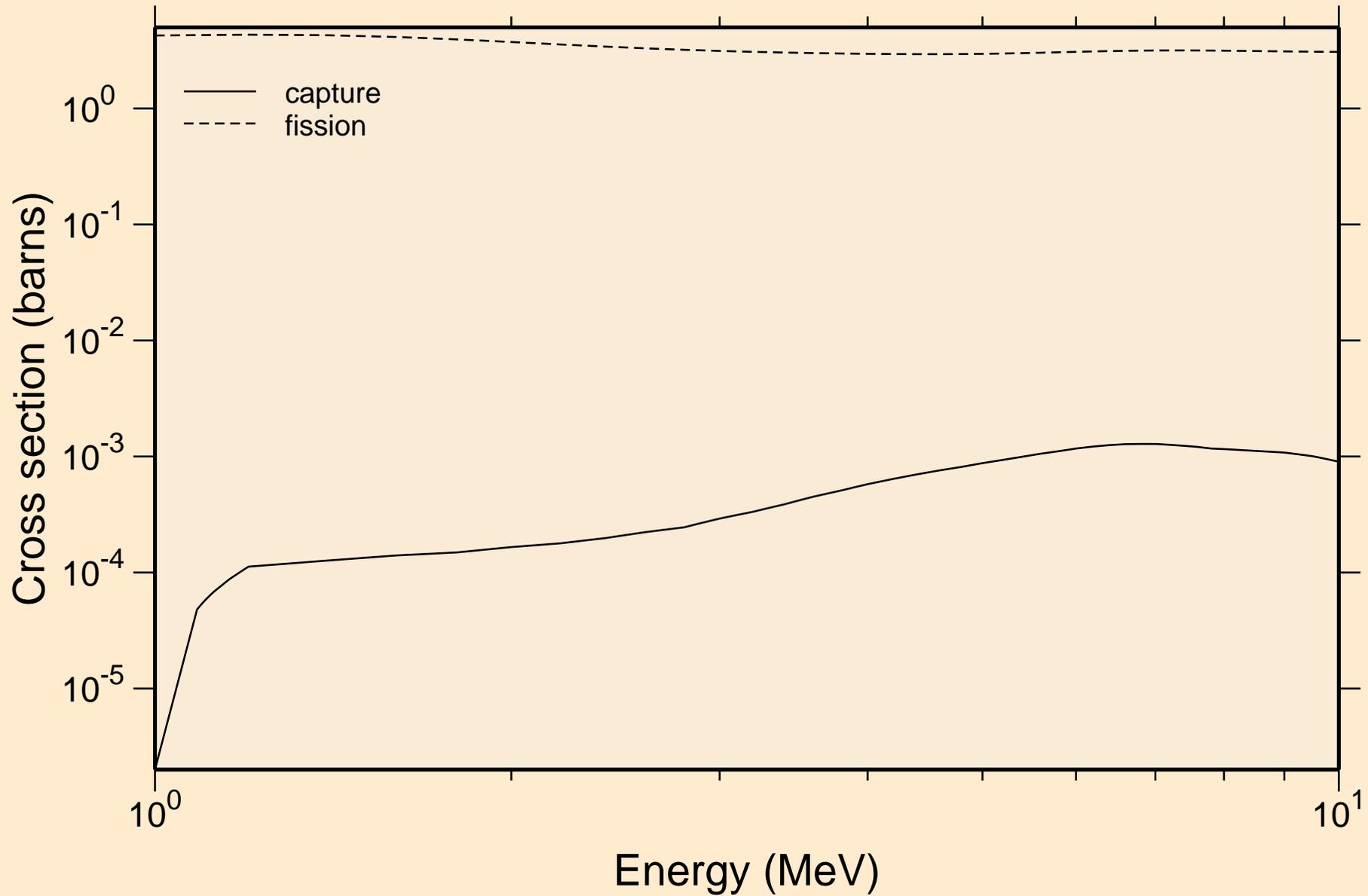
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resonance absorption cross sections



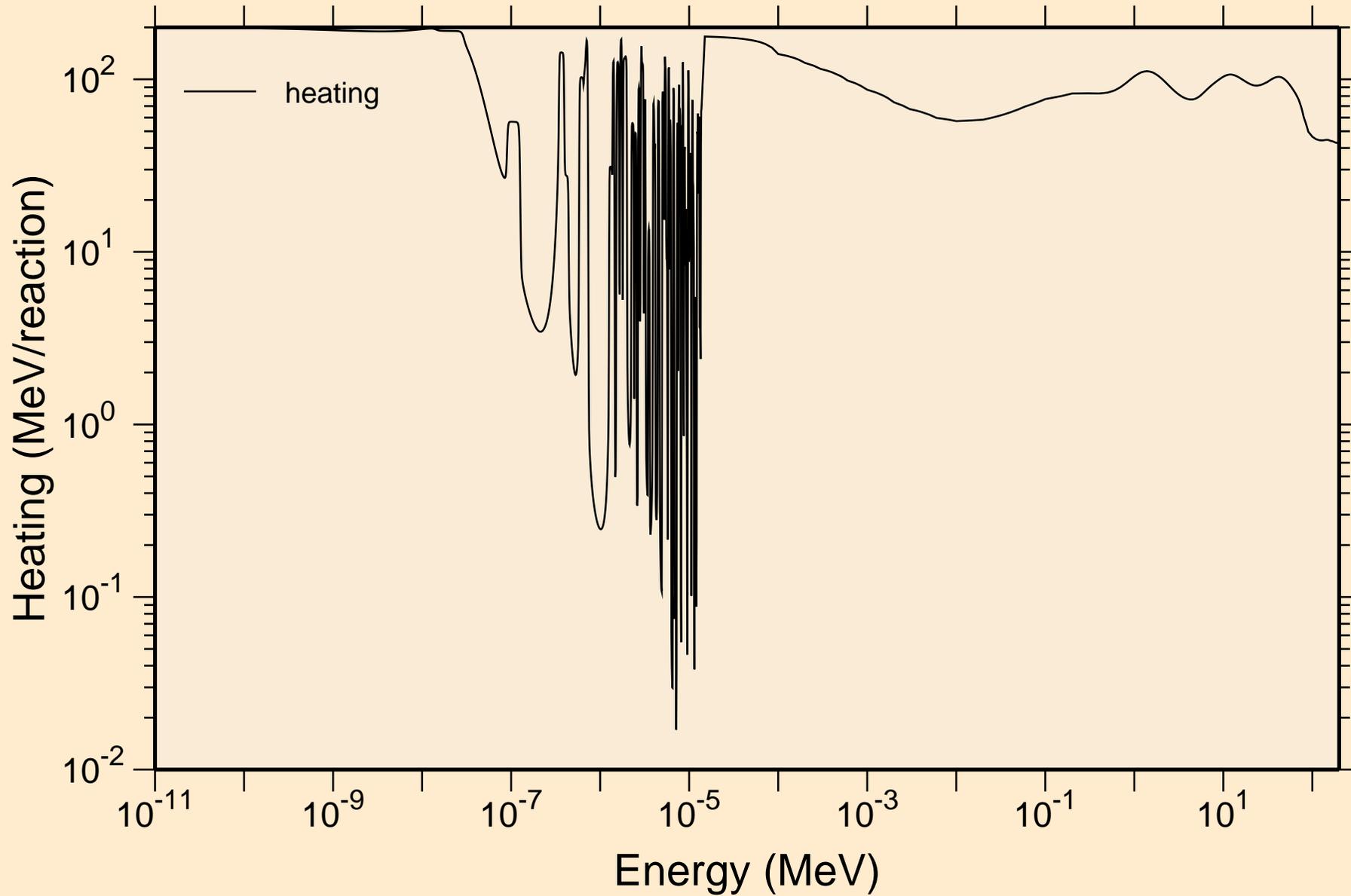
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resonance absorption cross sections



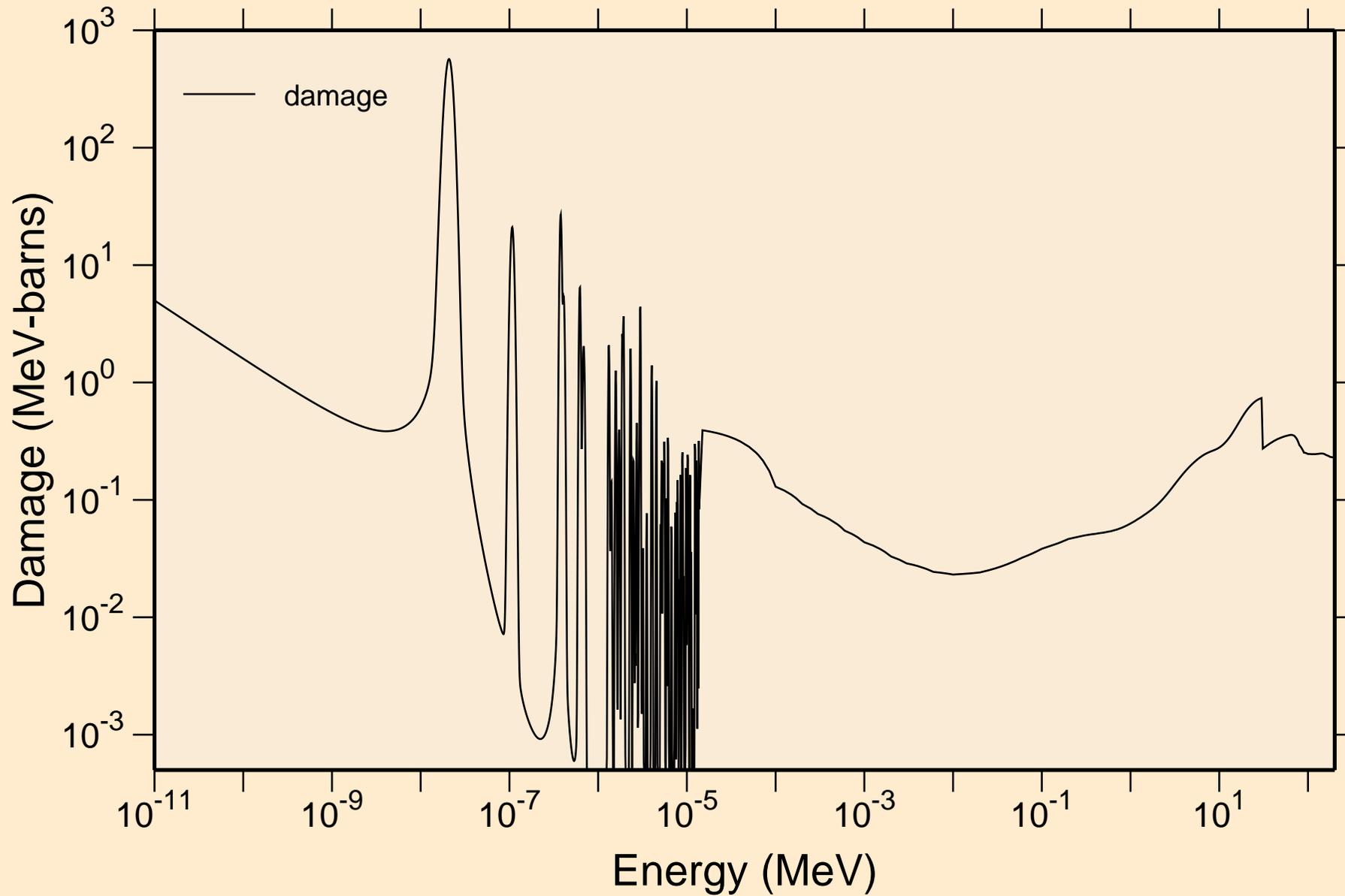
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resonance absorption cross sections



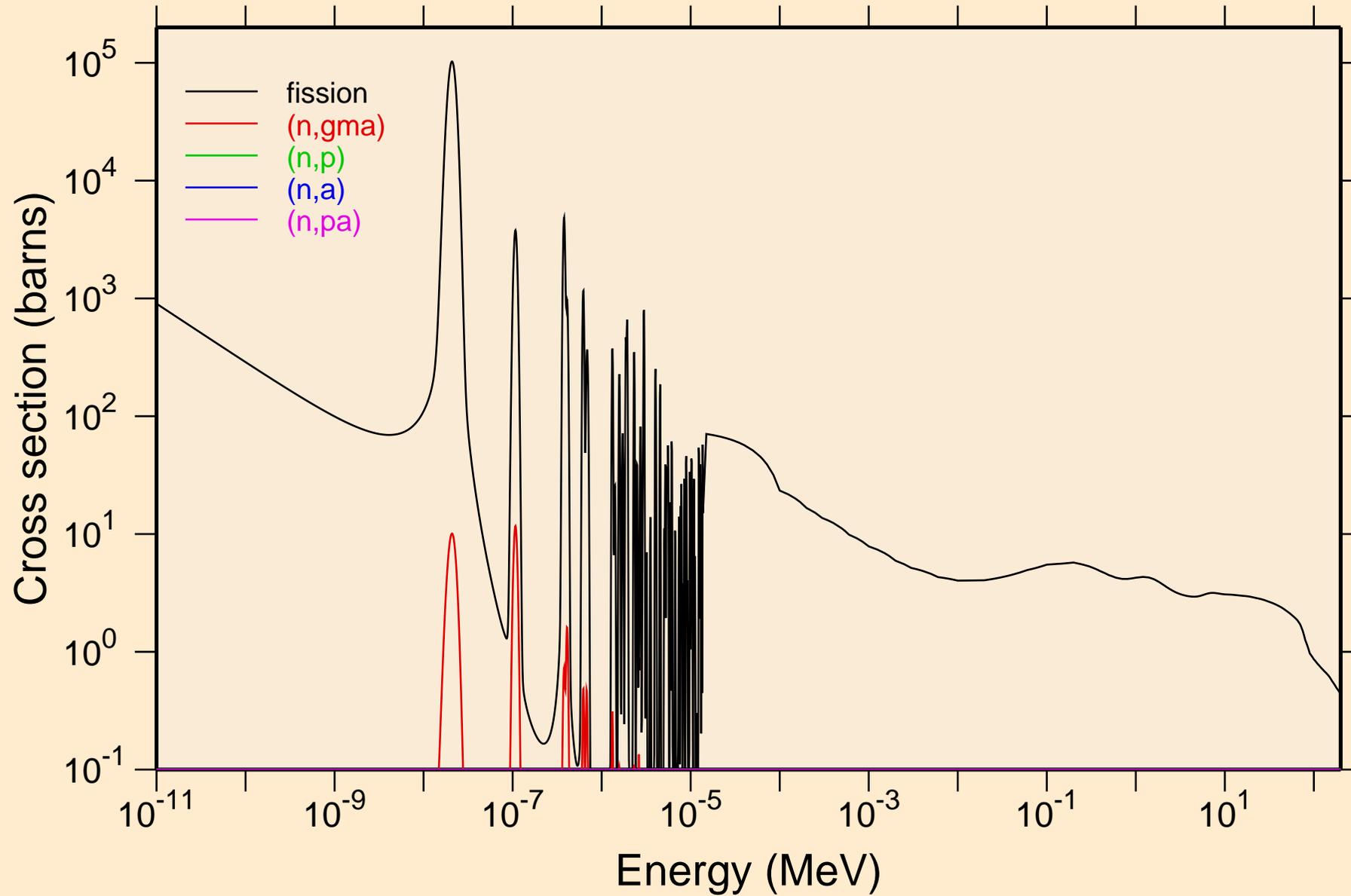
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



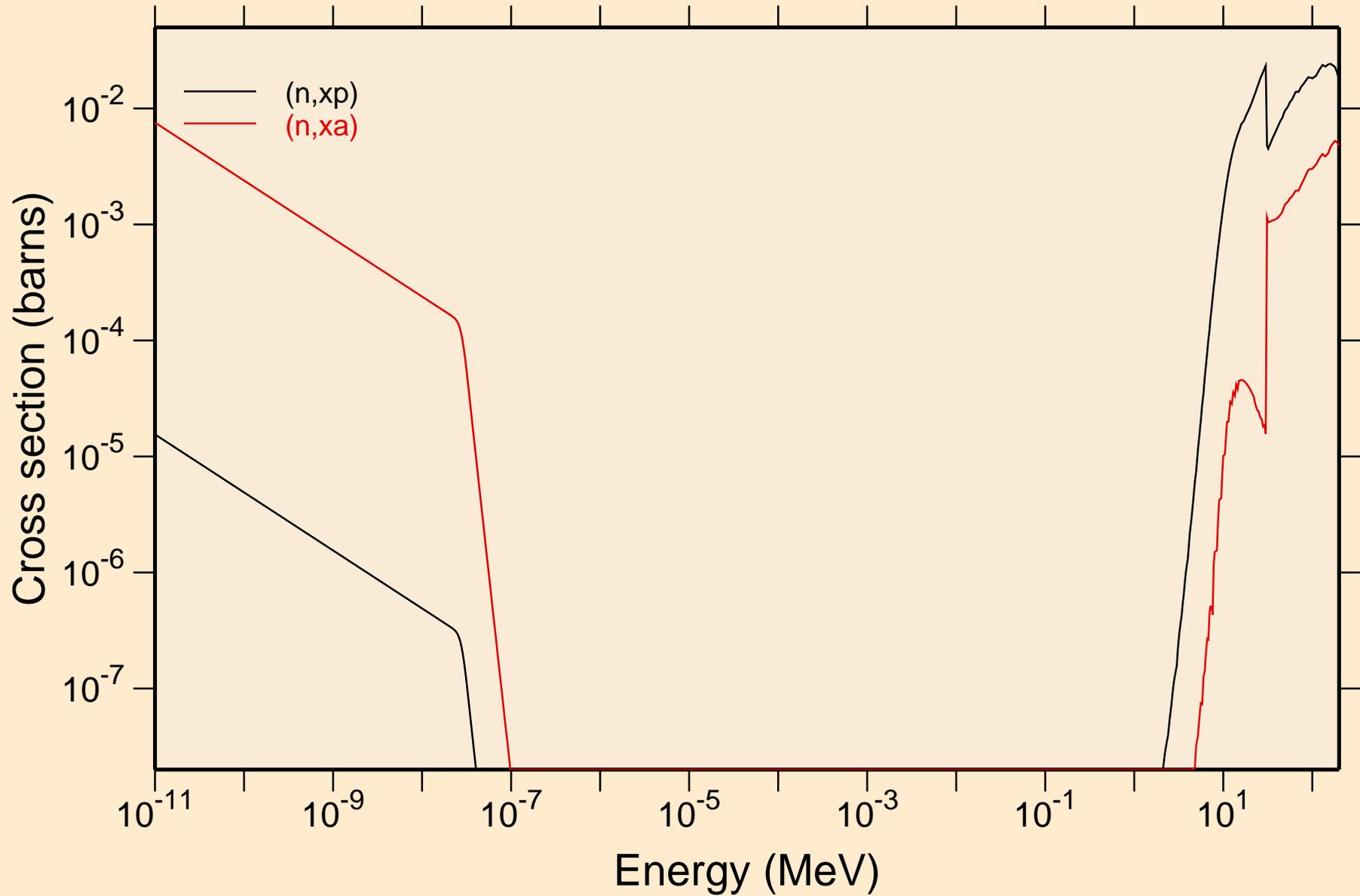
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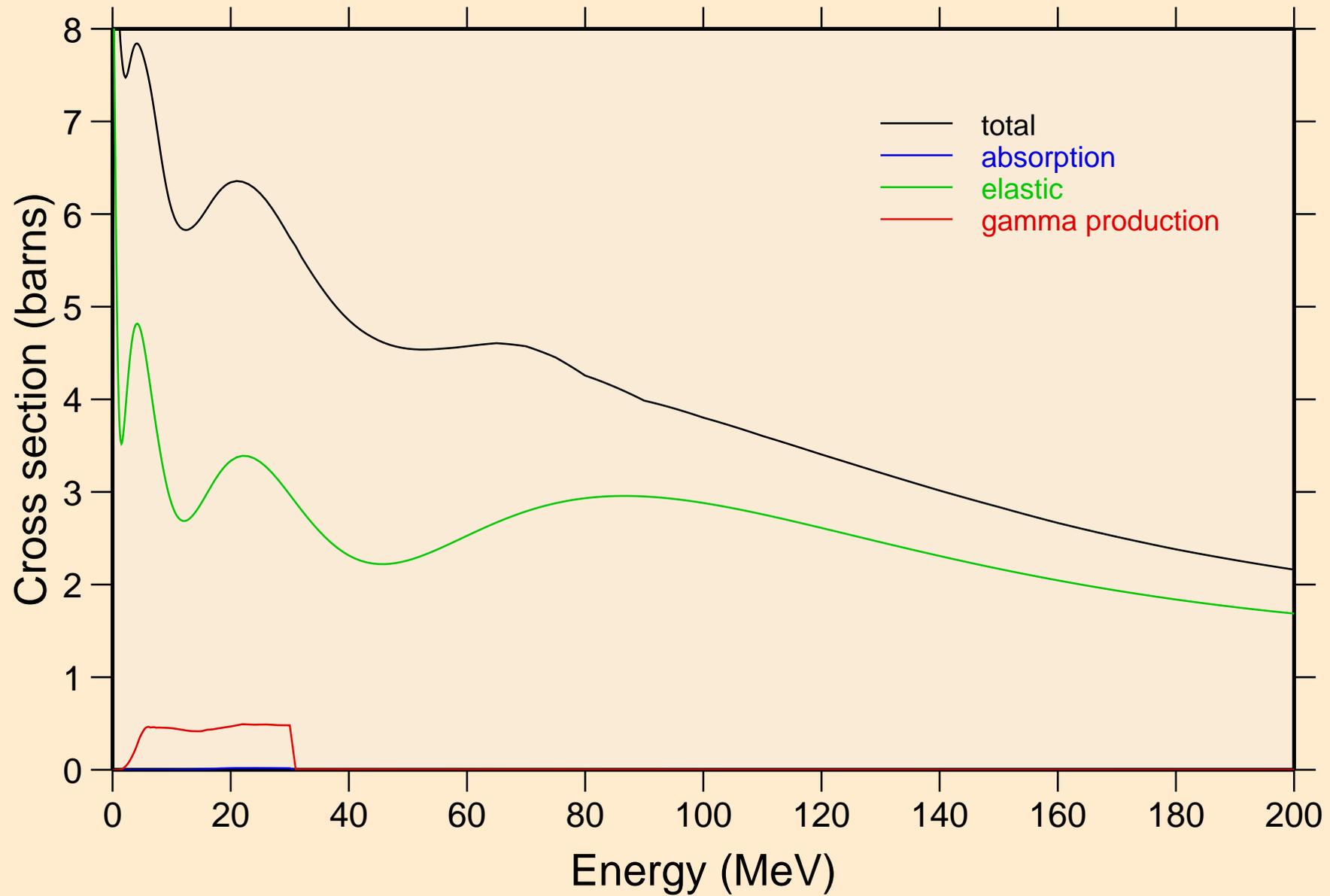
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Non-threshold reactions



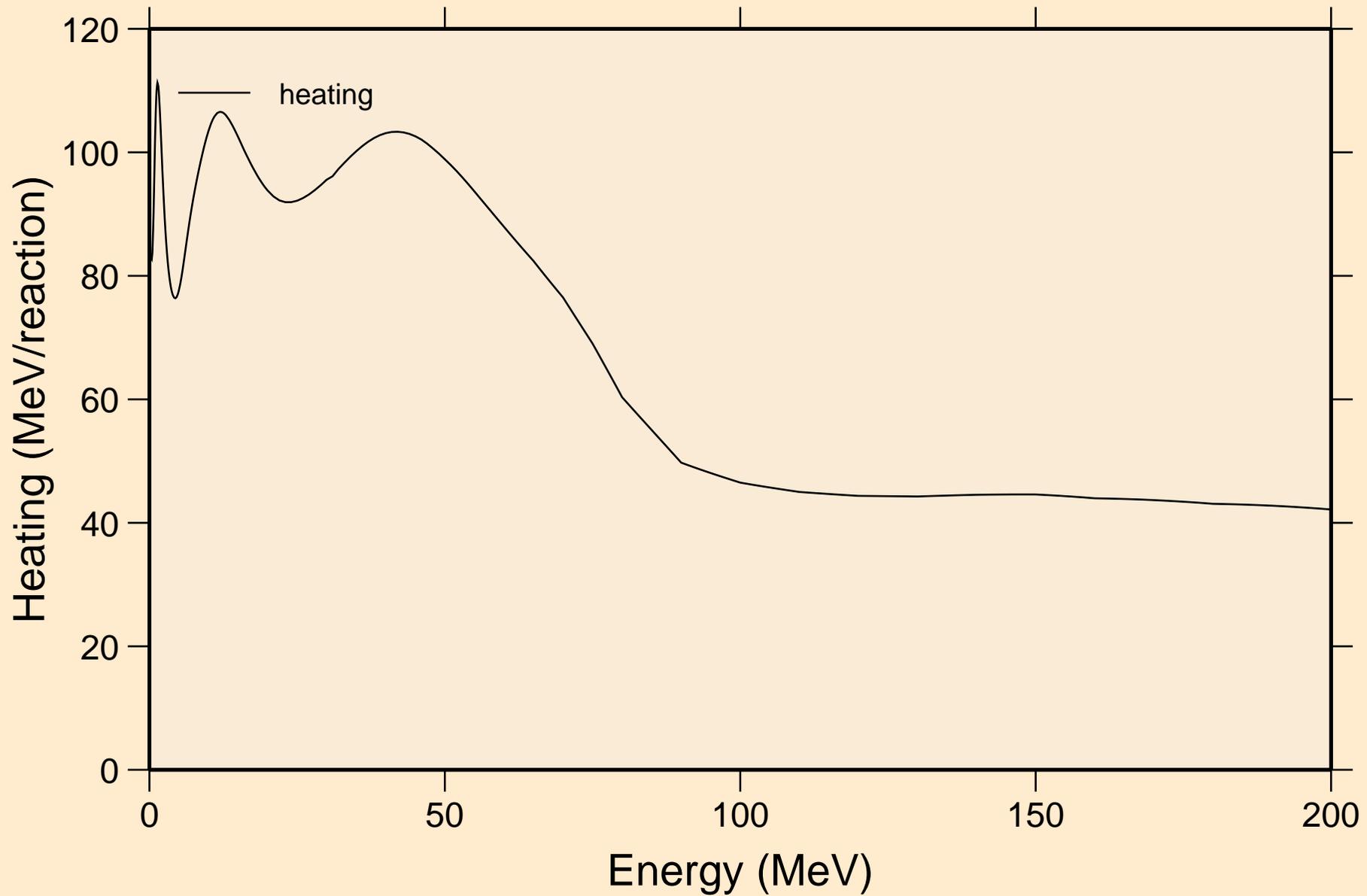
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Non-threshold reactions



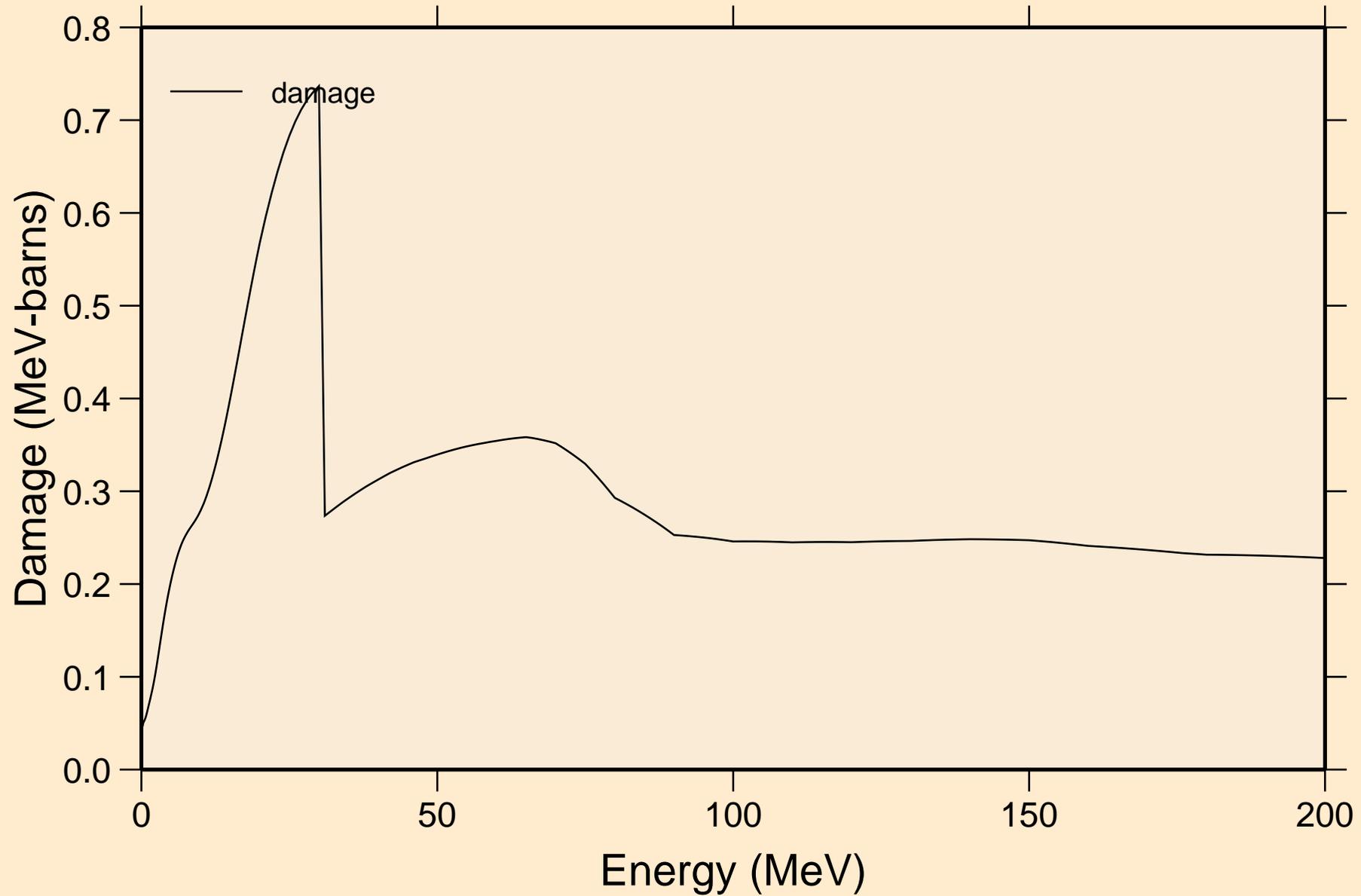
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Principal cross sections



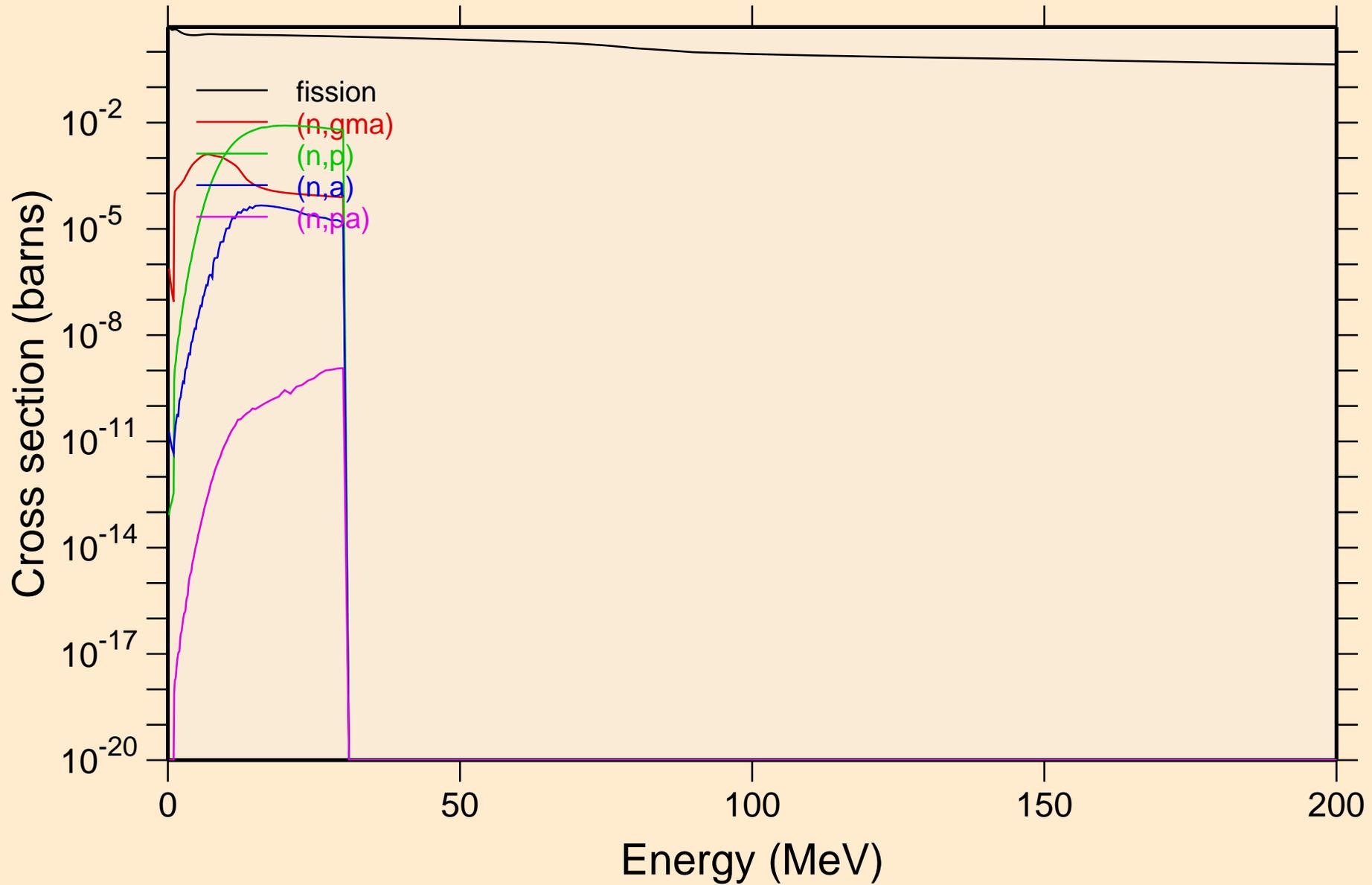
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Heating



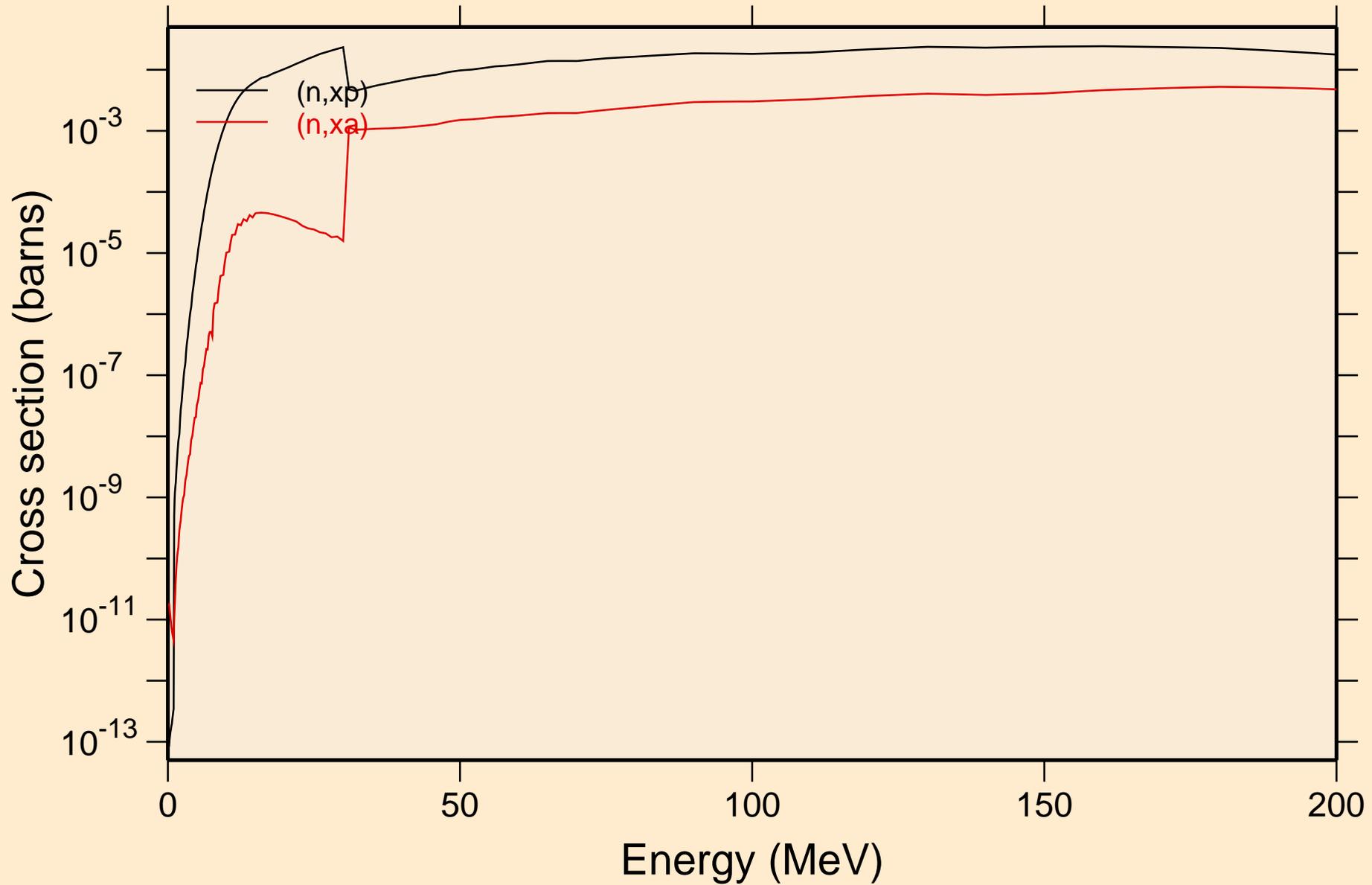
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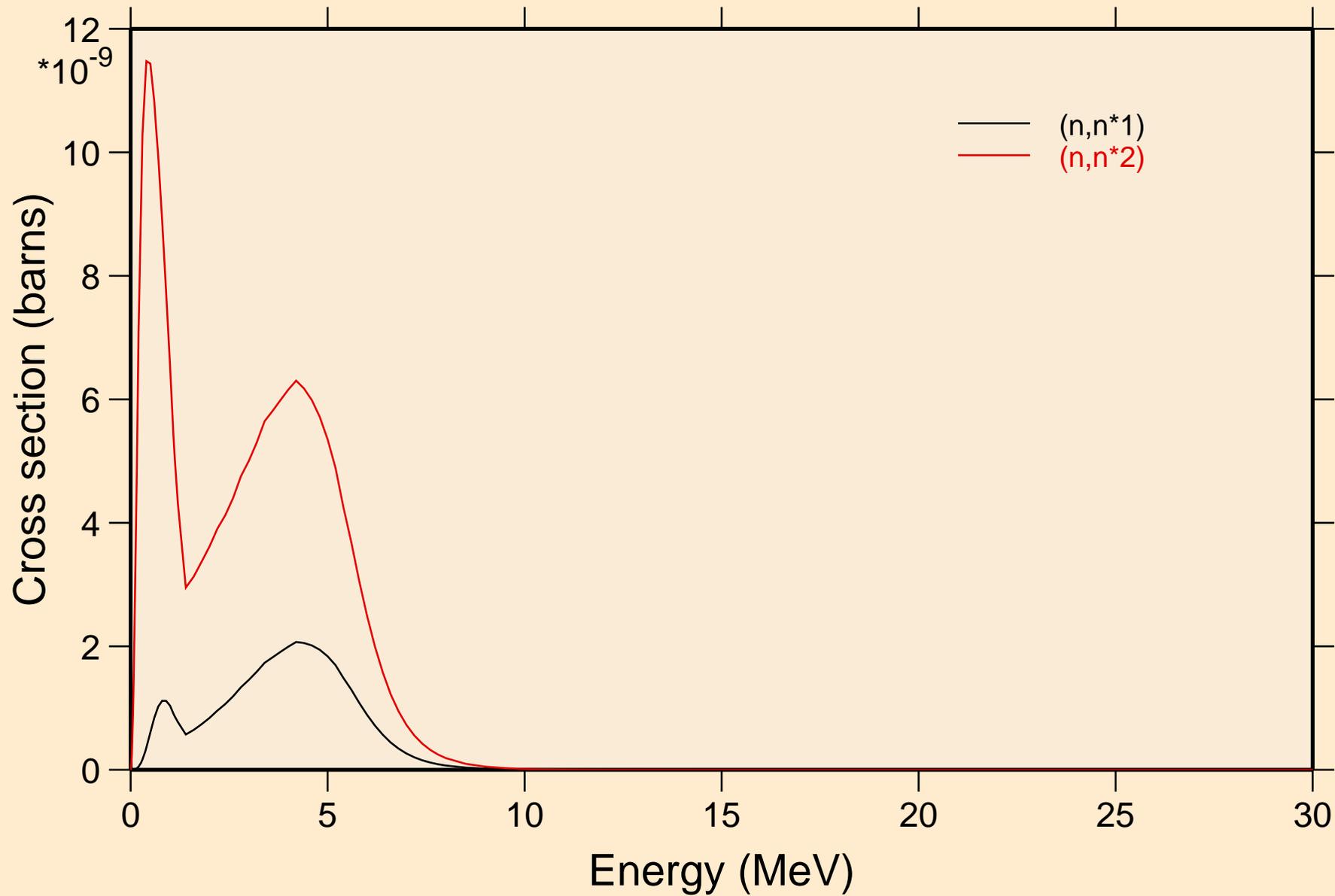
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Non-threshold reactions



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

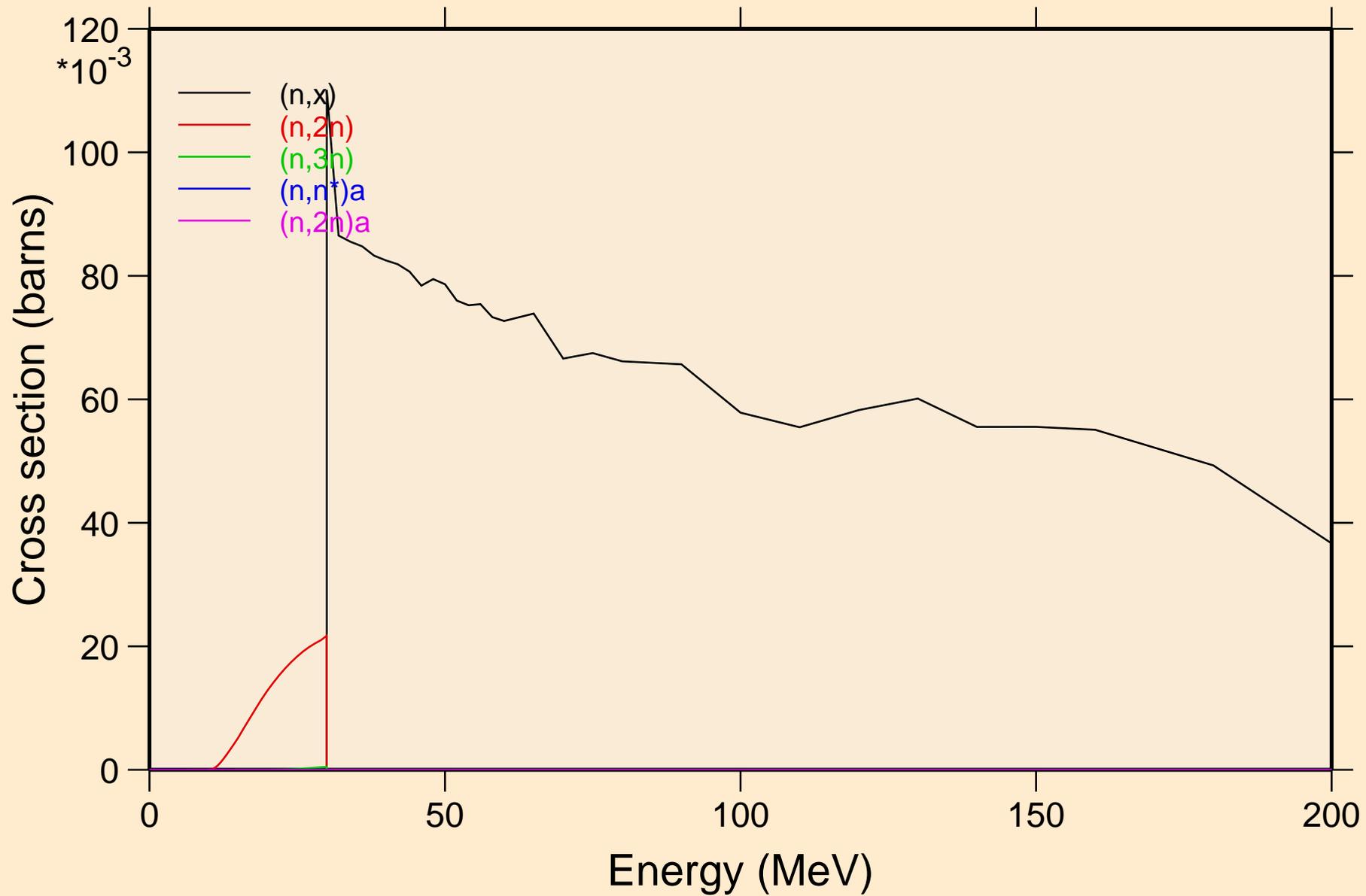


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Inelastic levels

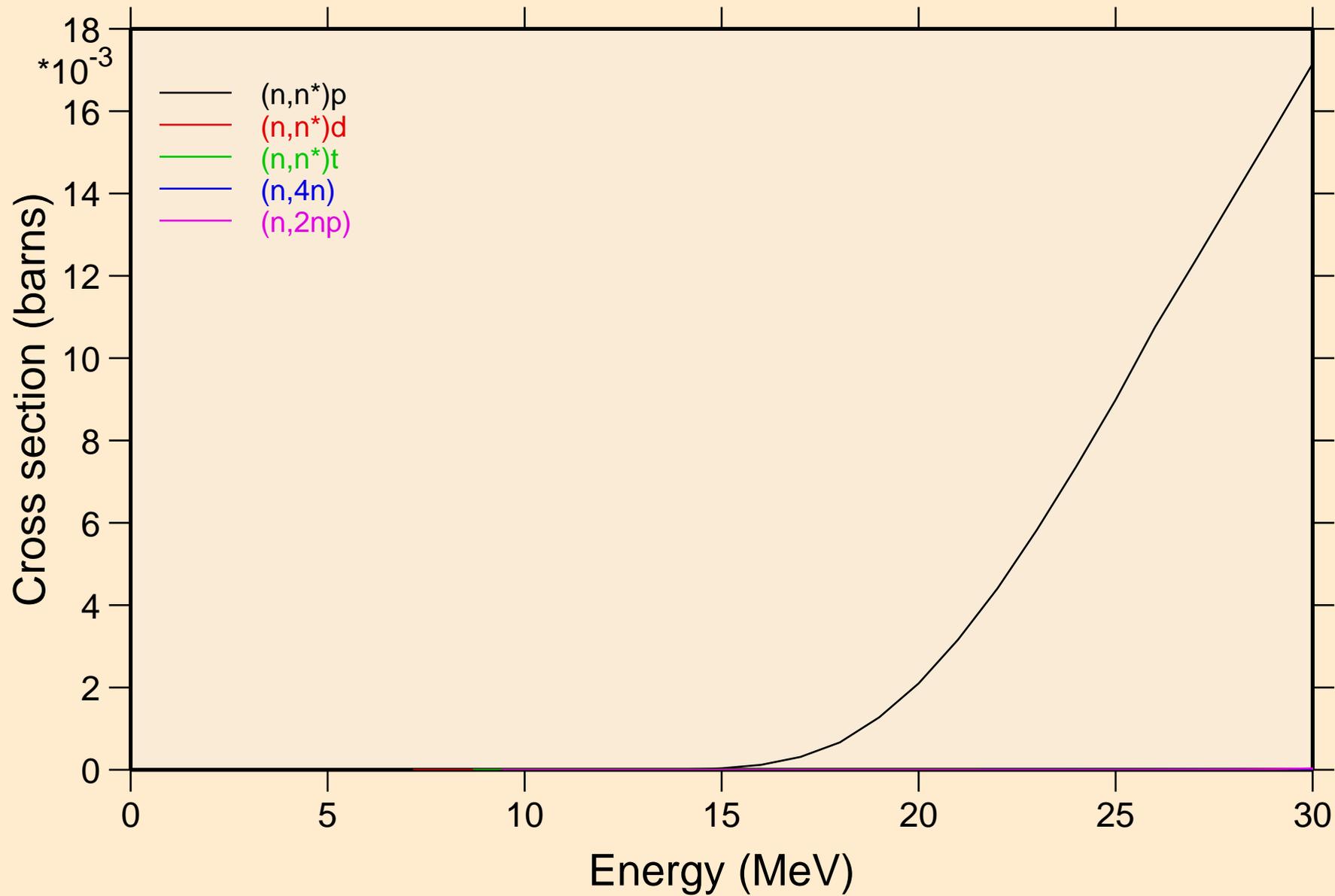


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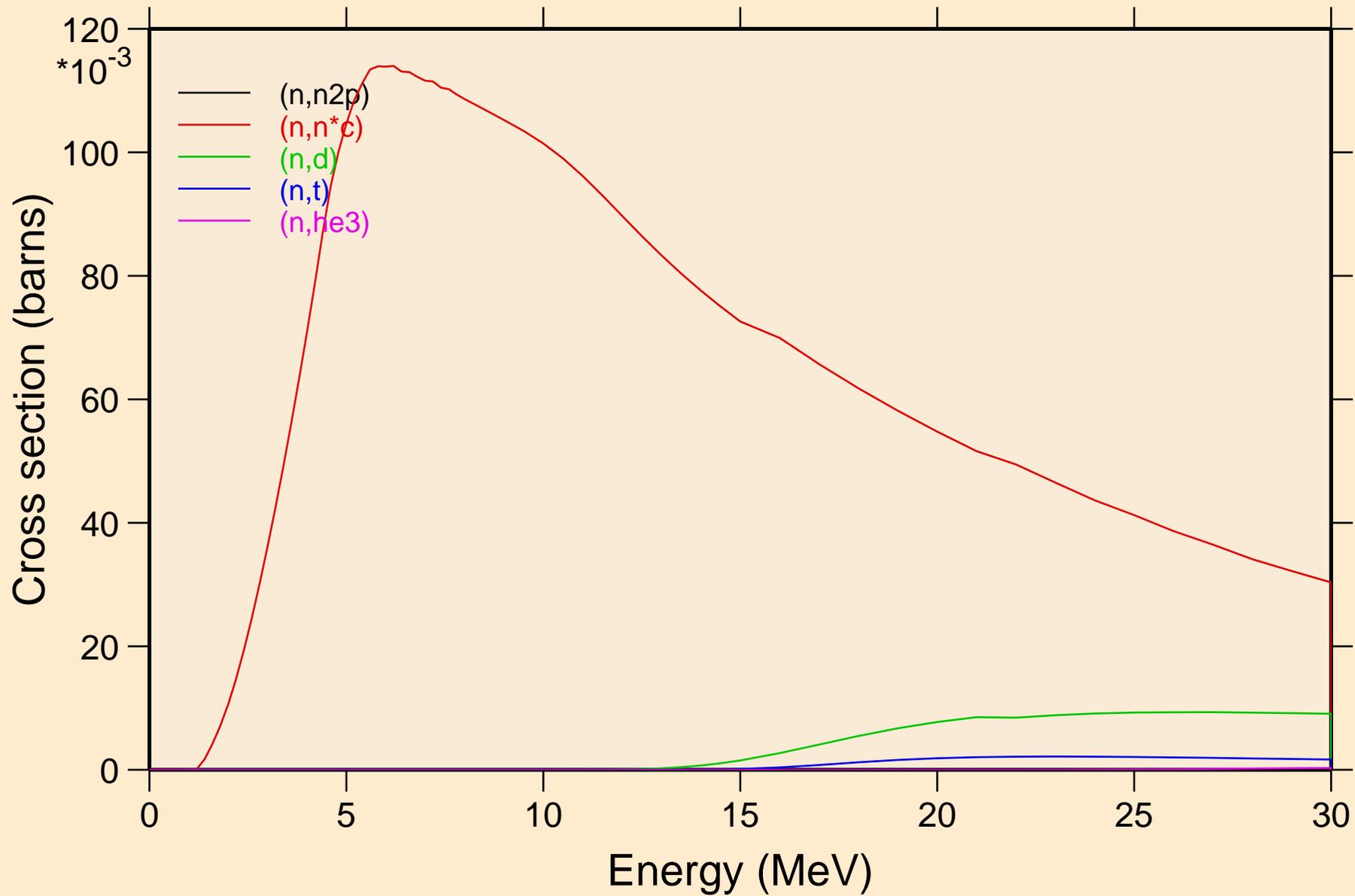
## Threshold reactions



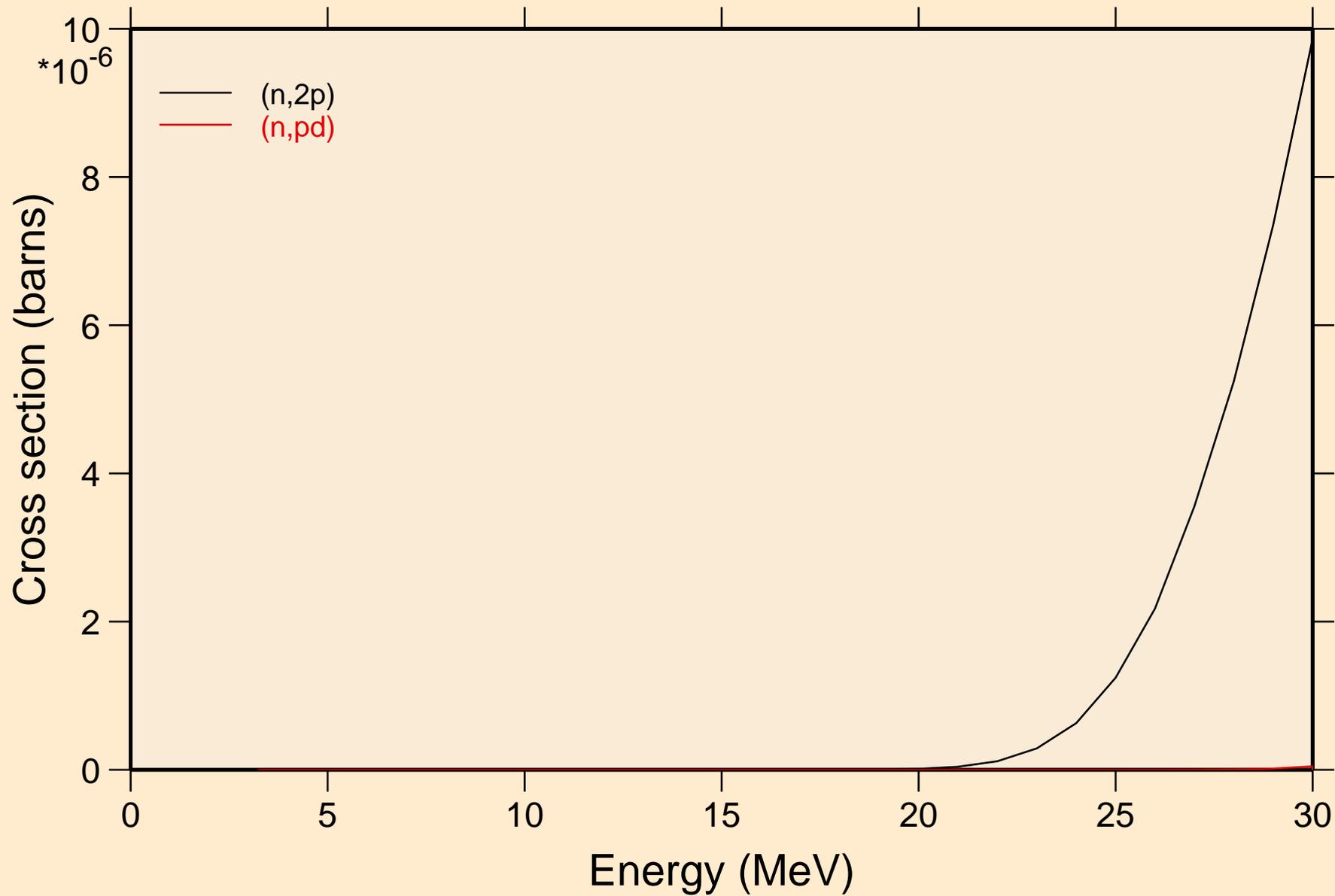
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

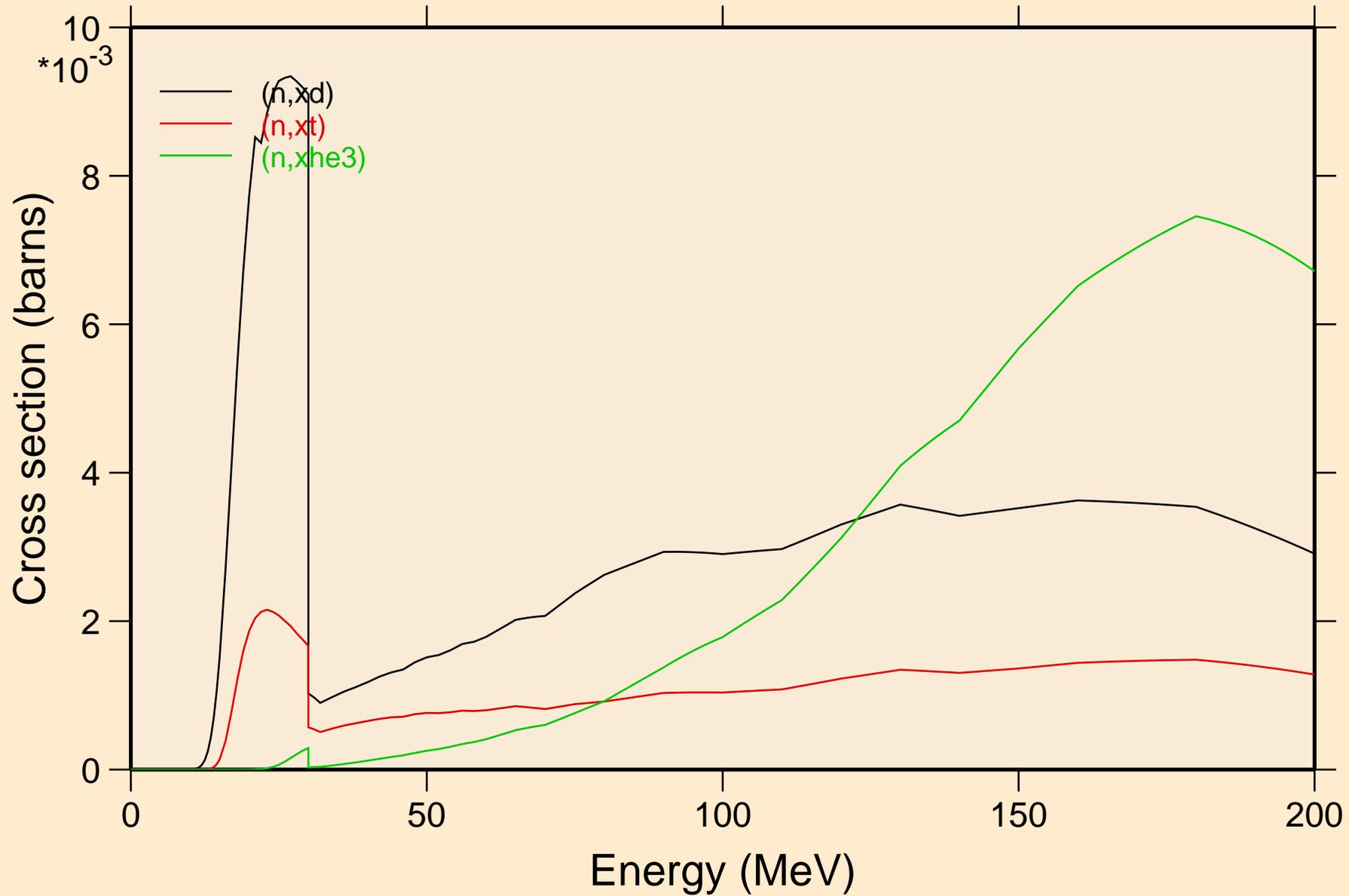


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Threshold reactions

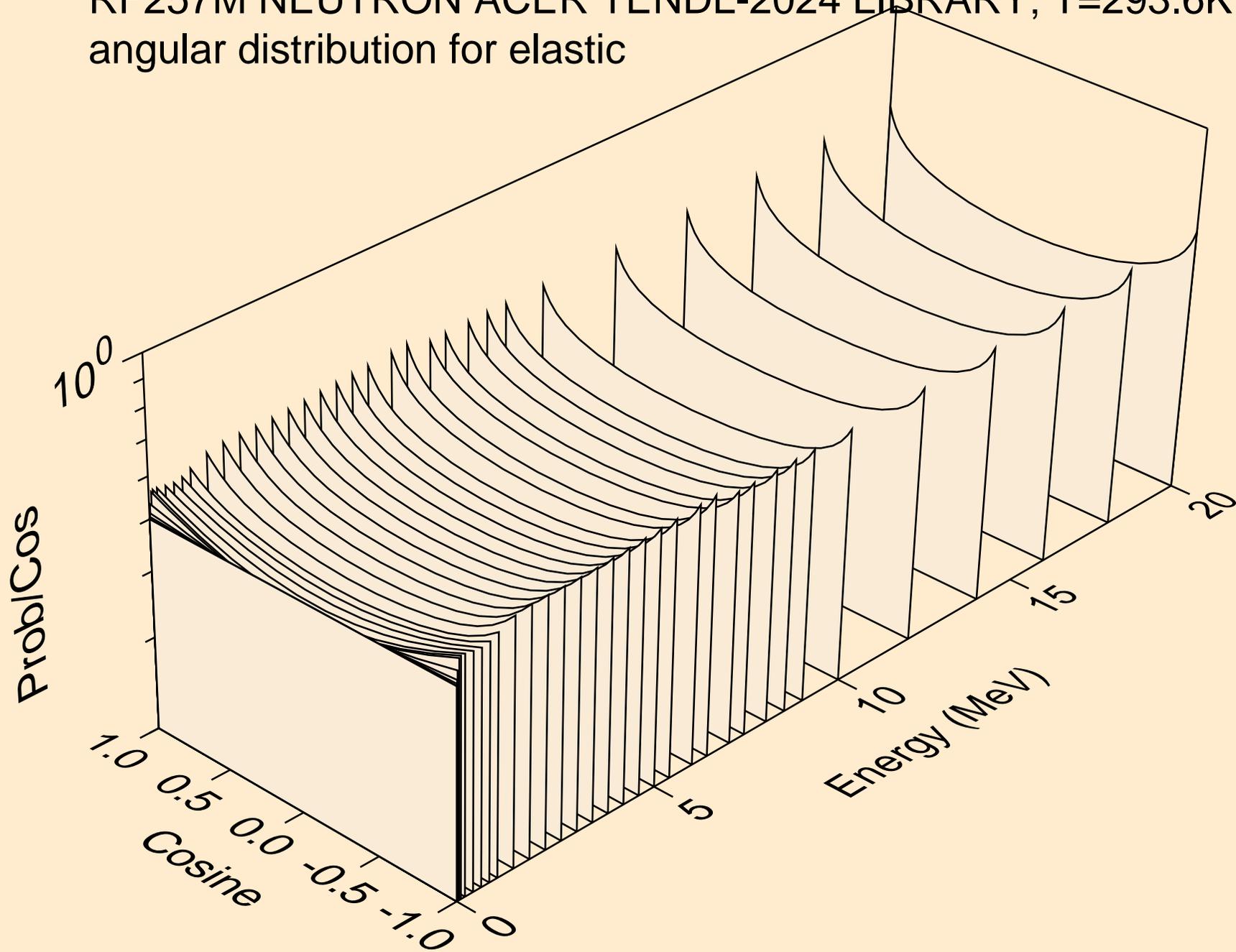


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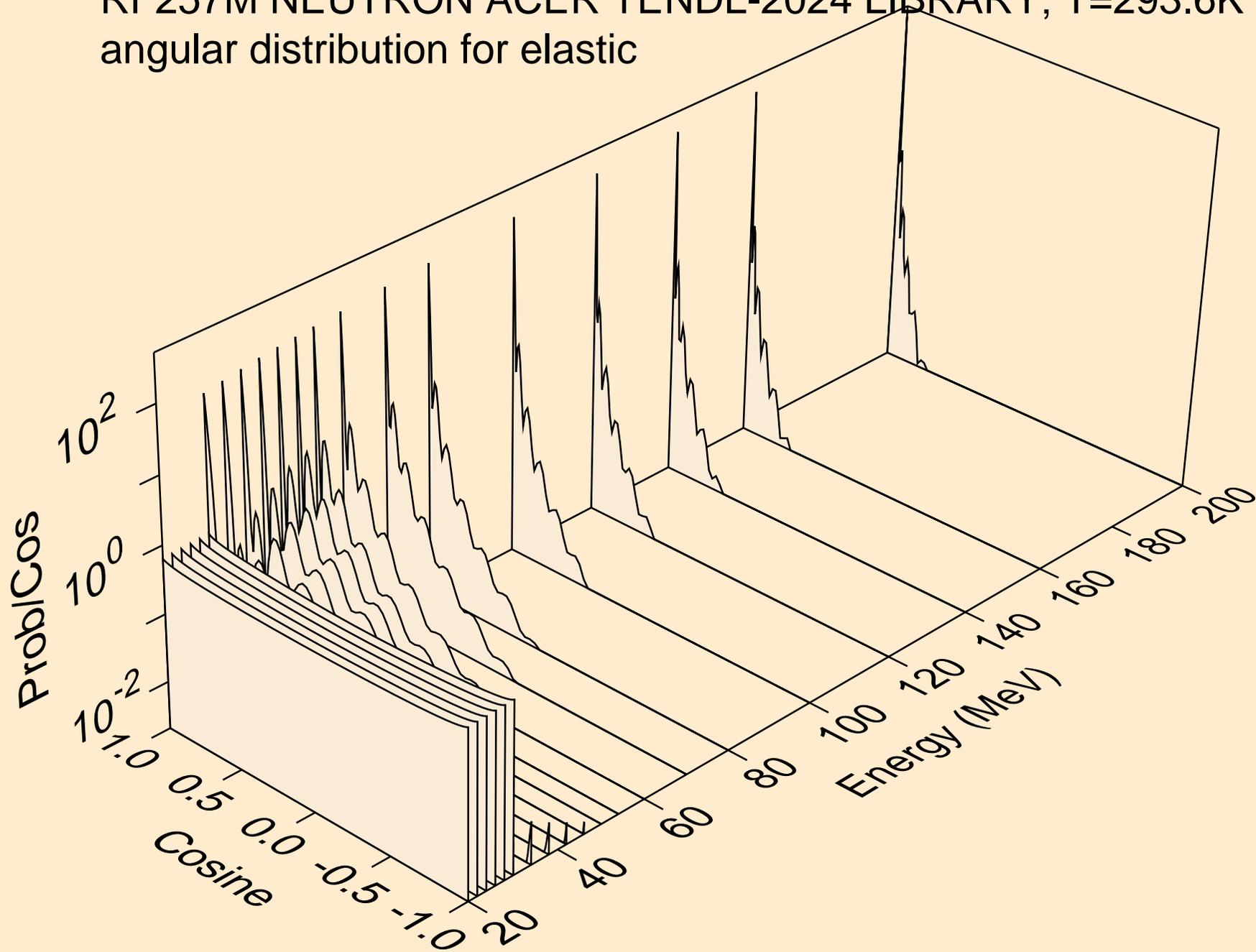
## Threshold reactions



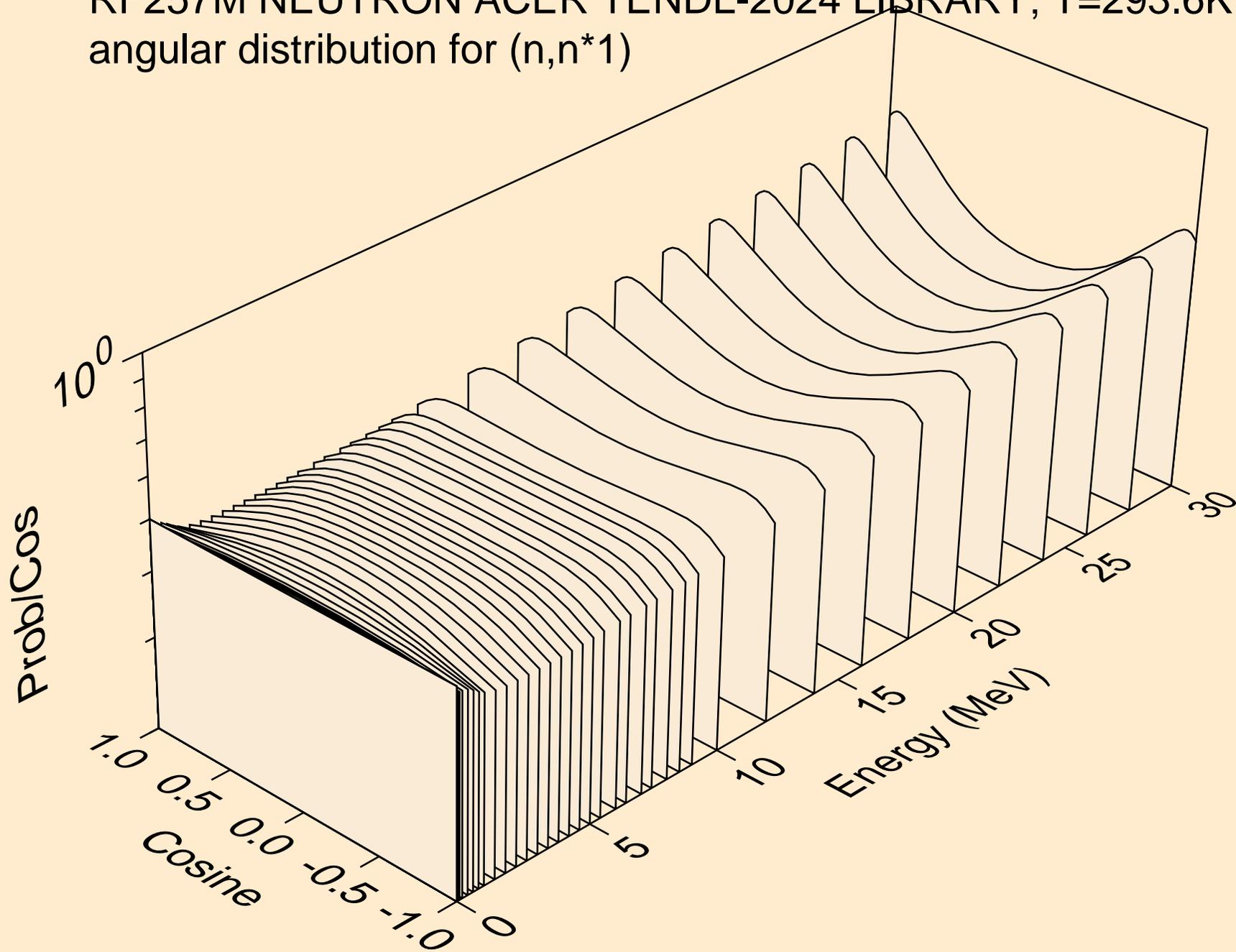
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angular distribution for elastic



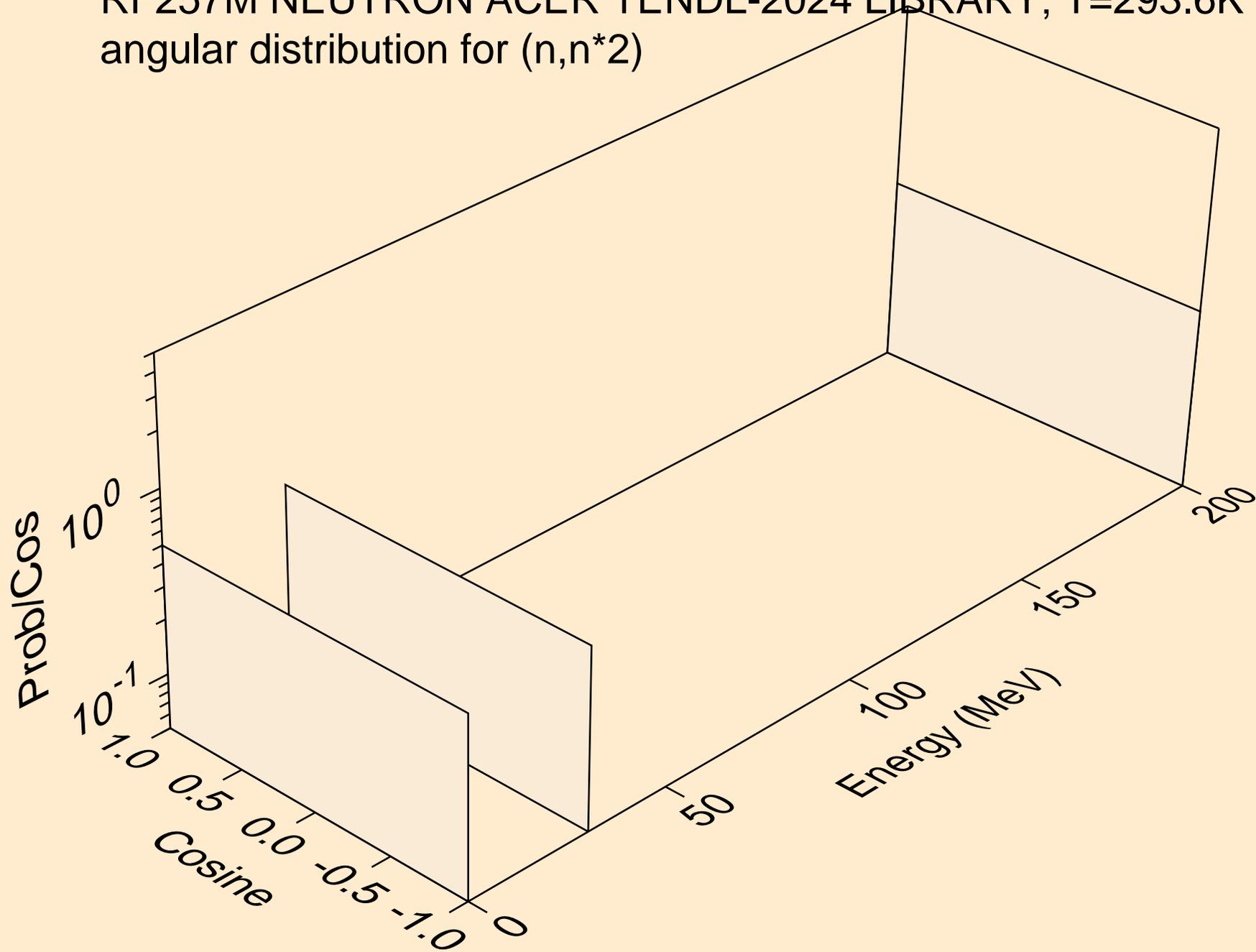
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angular distribution for elastic



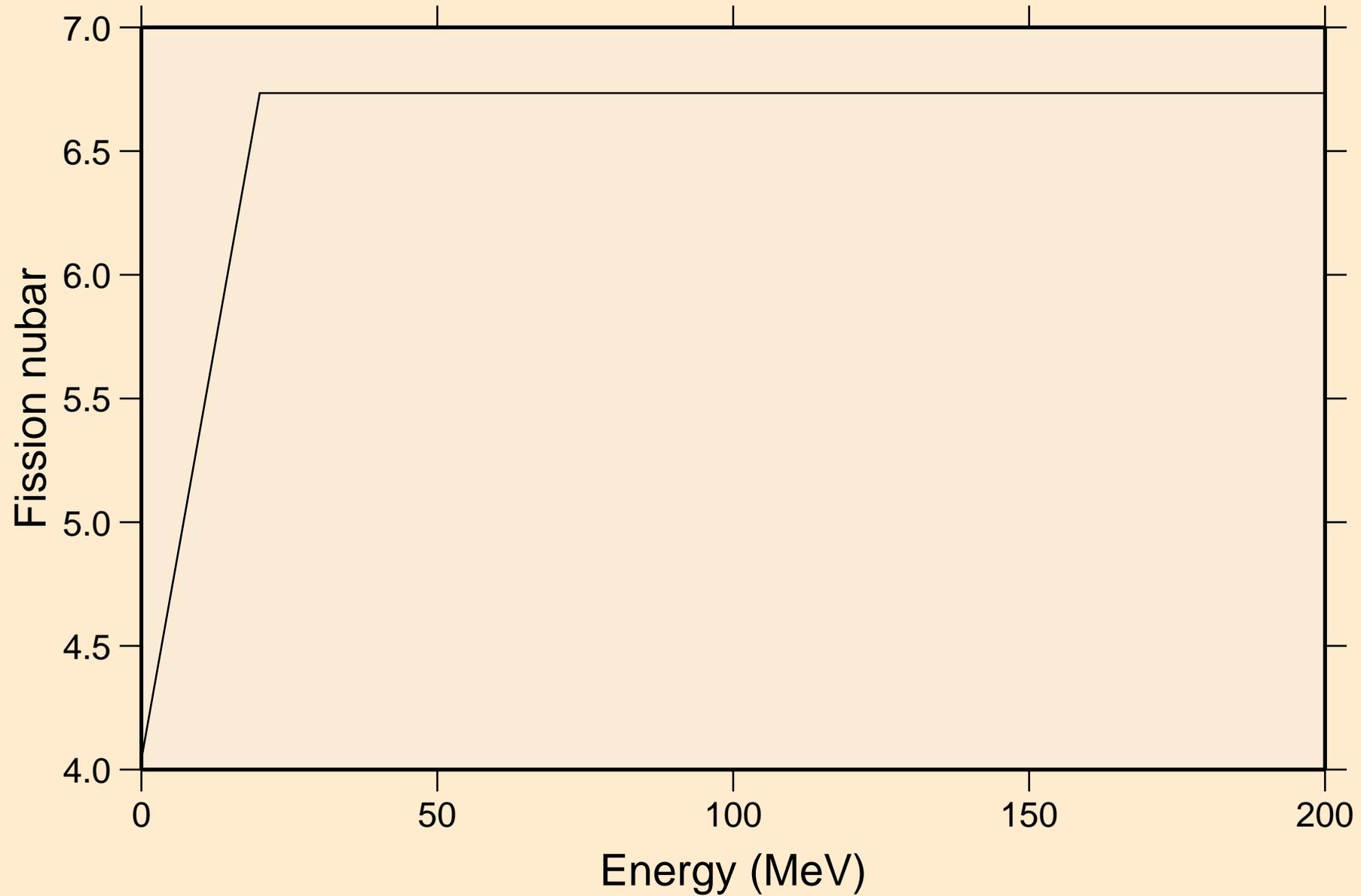
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angular distribution for (n,n\*1)



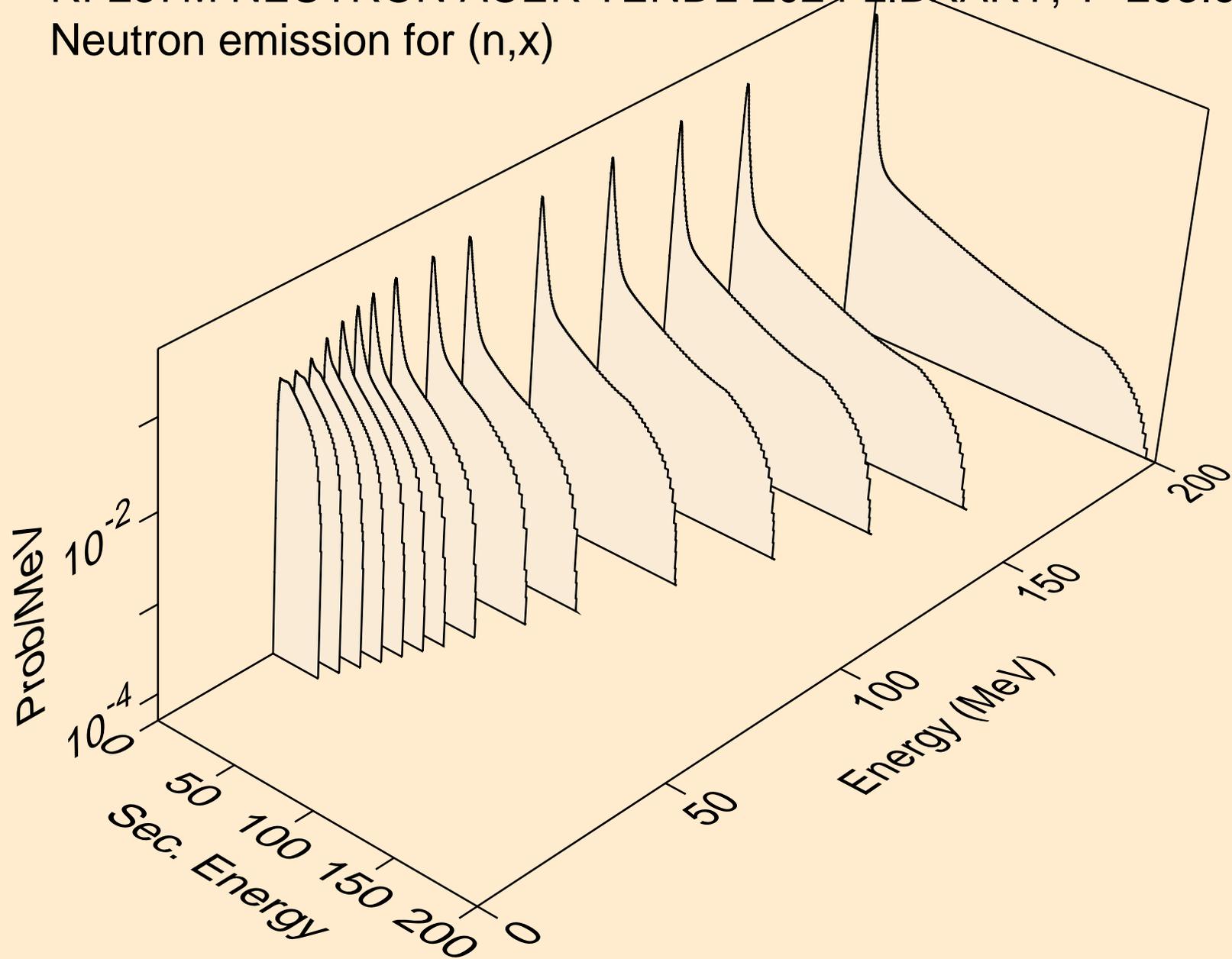
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angular distribution for (n,n\*2)



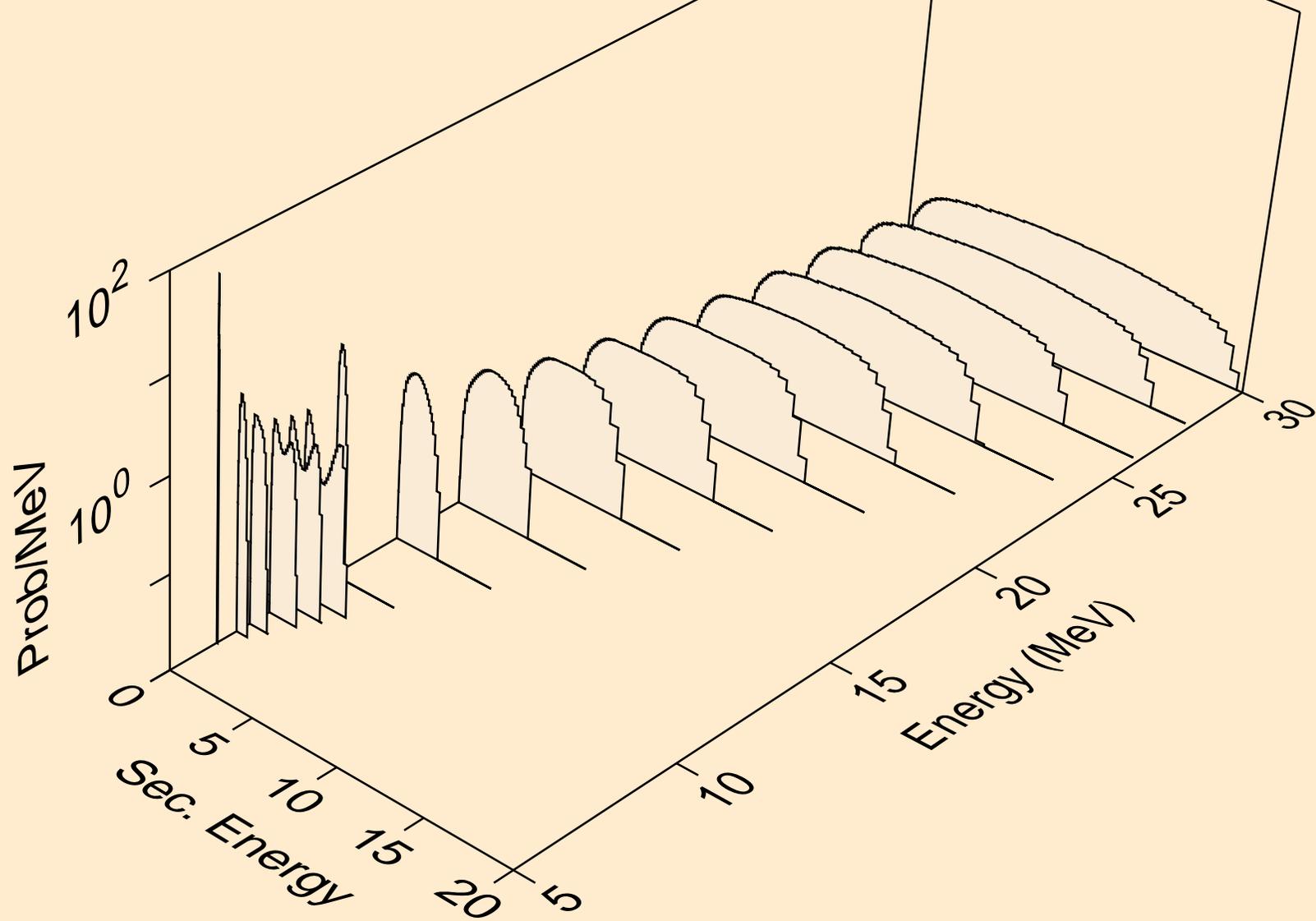
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Total fission nubar



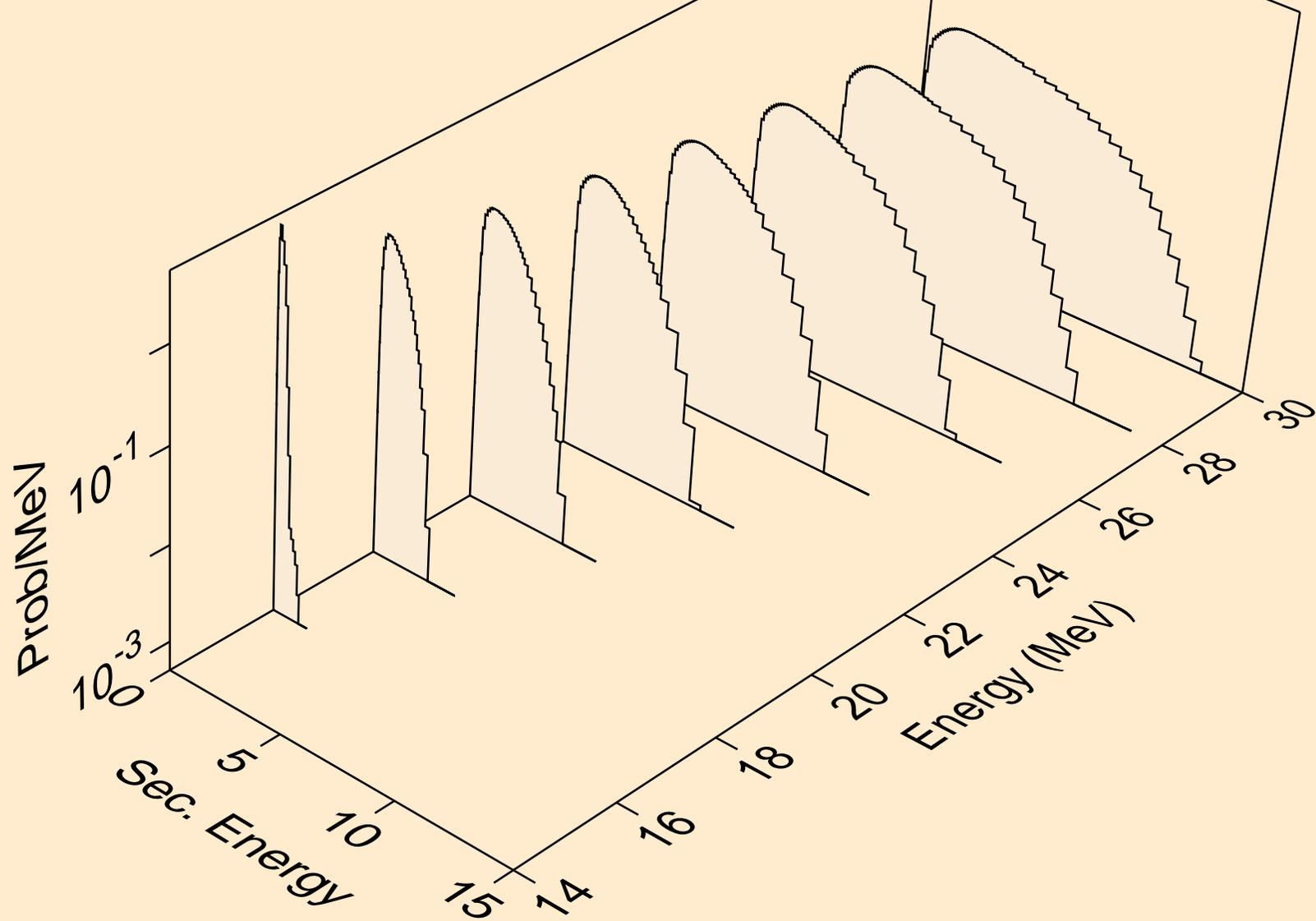
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Neutron emission for (n,x)



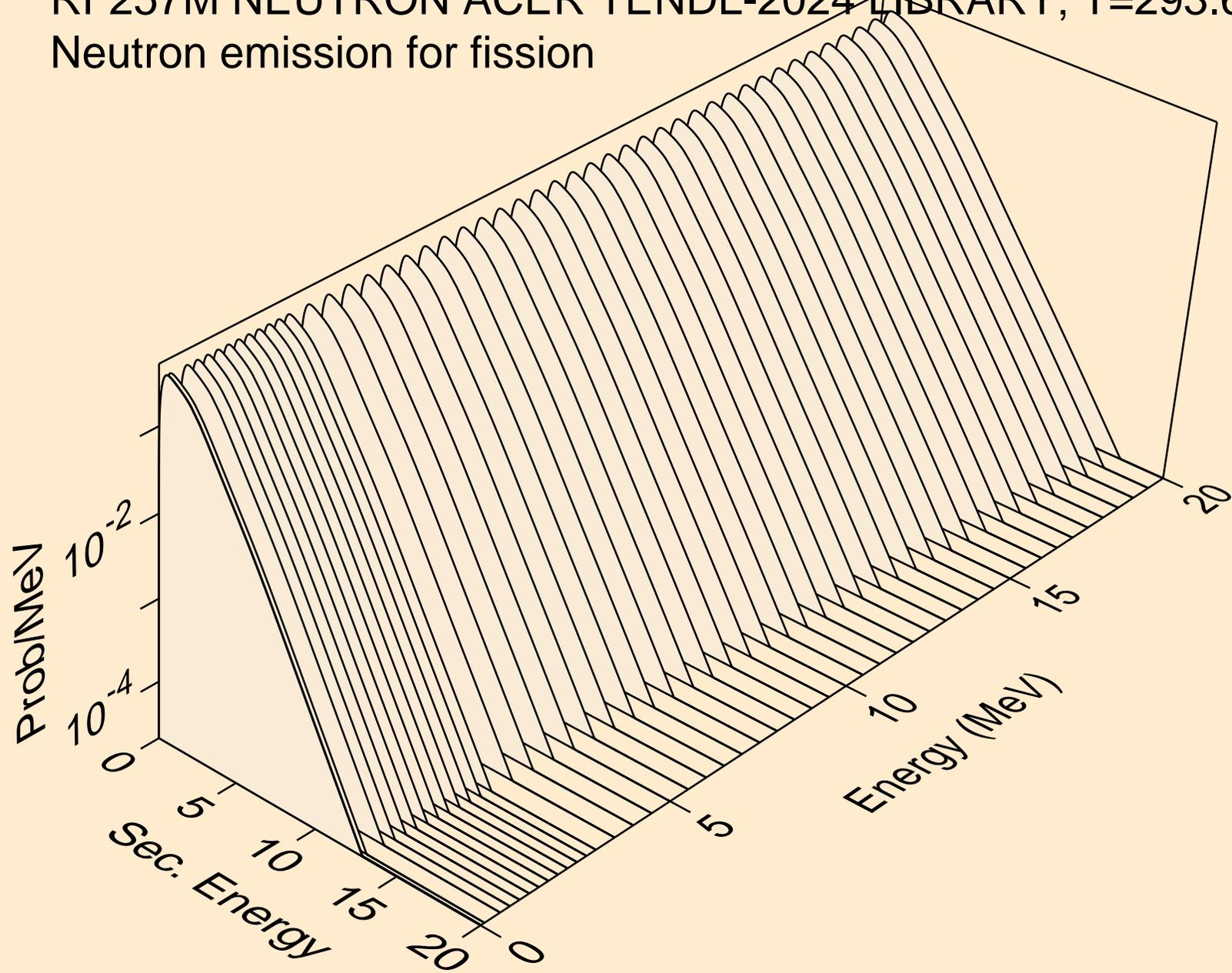
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Neutron emission for (n,2n)



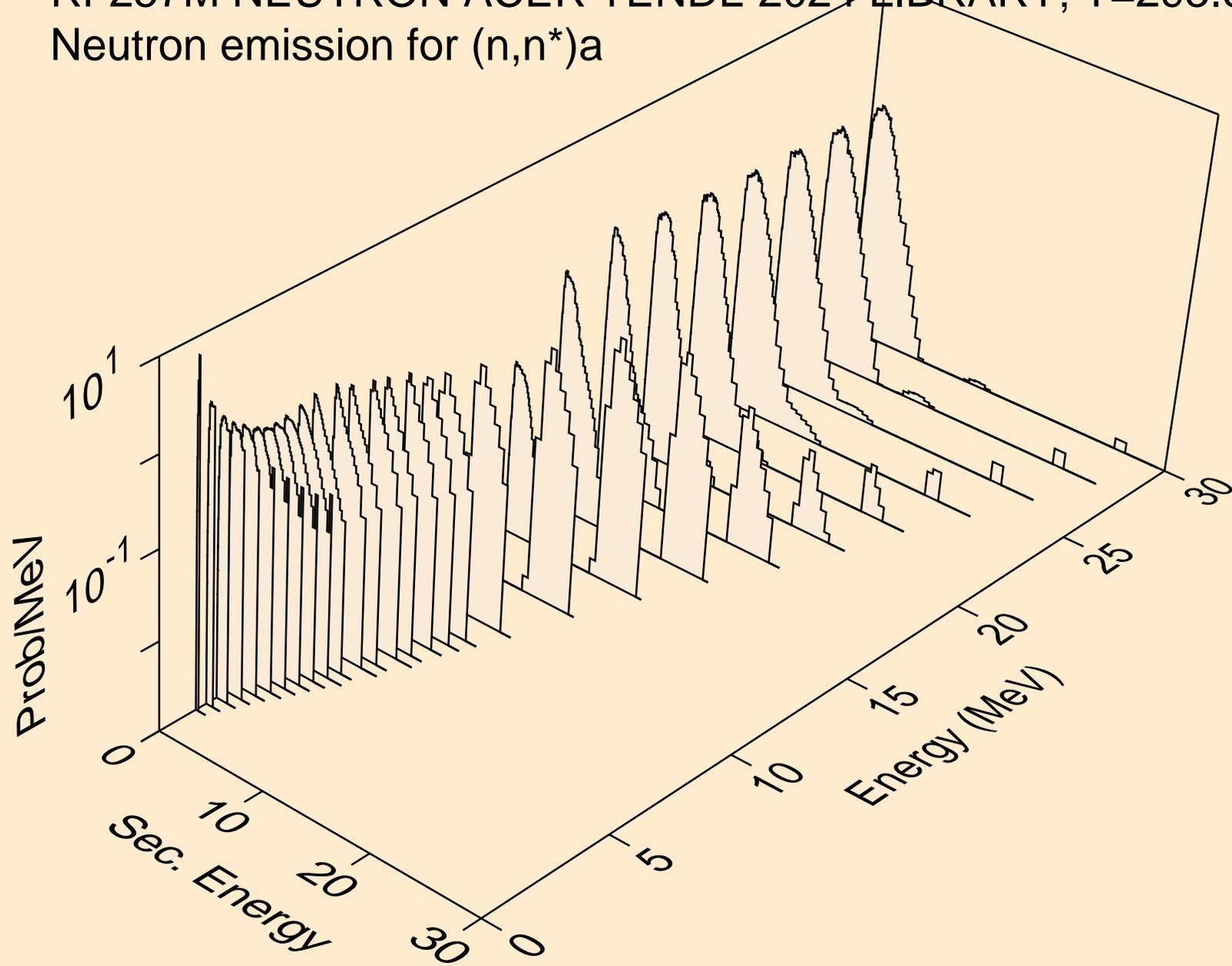
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Neutron emission for (n,3n)



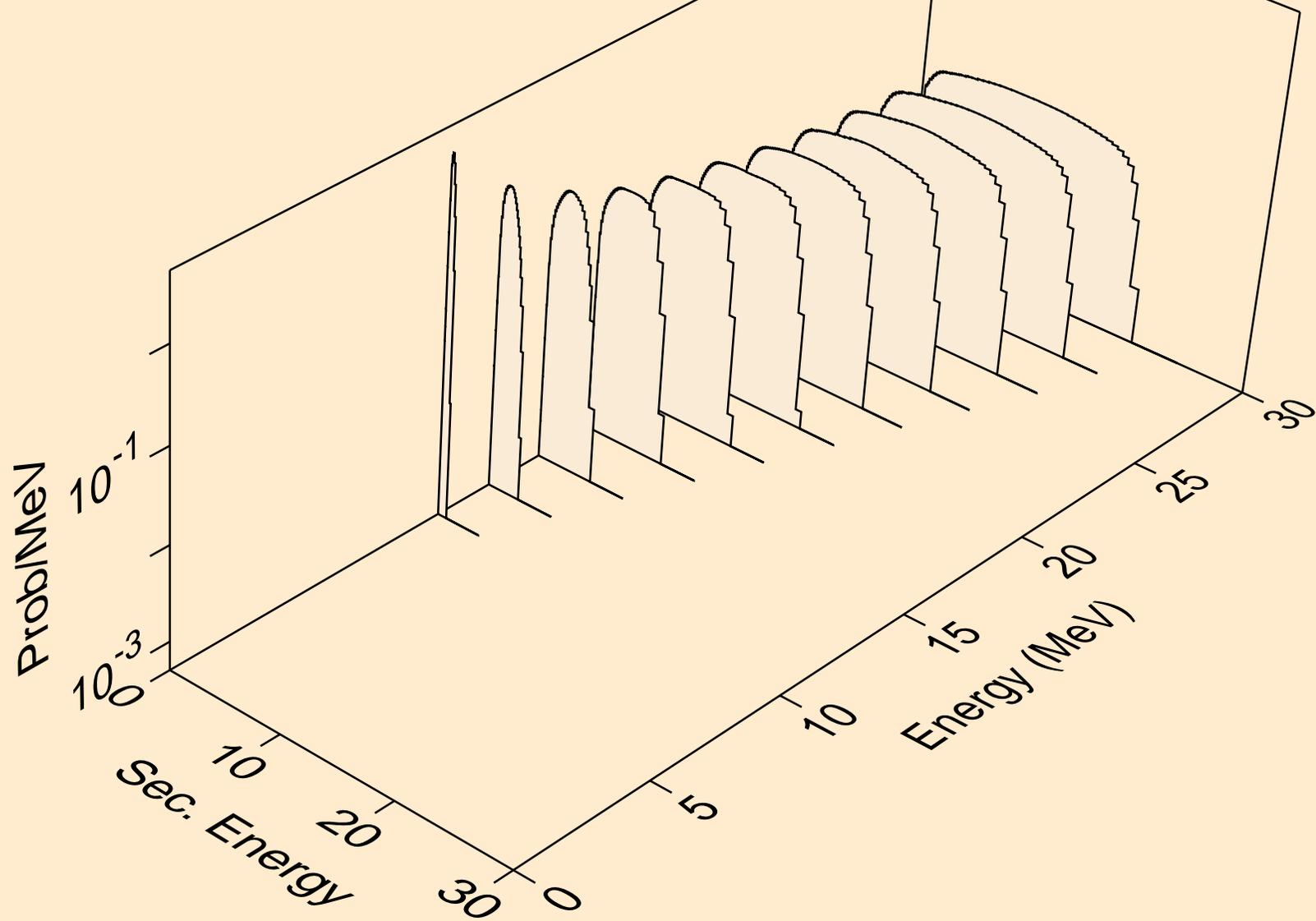
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Neutron emission for fission



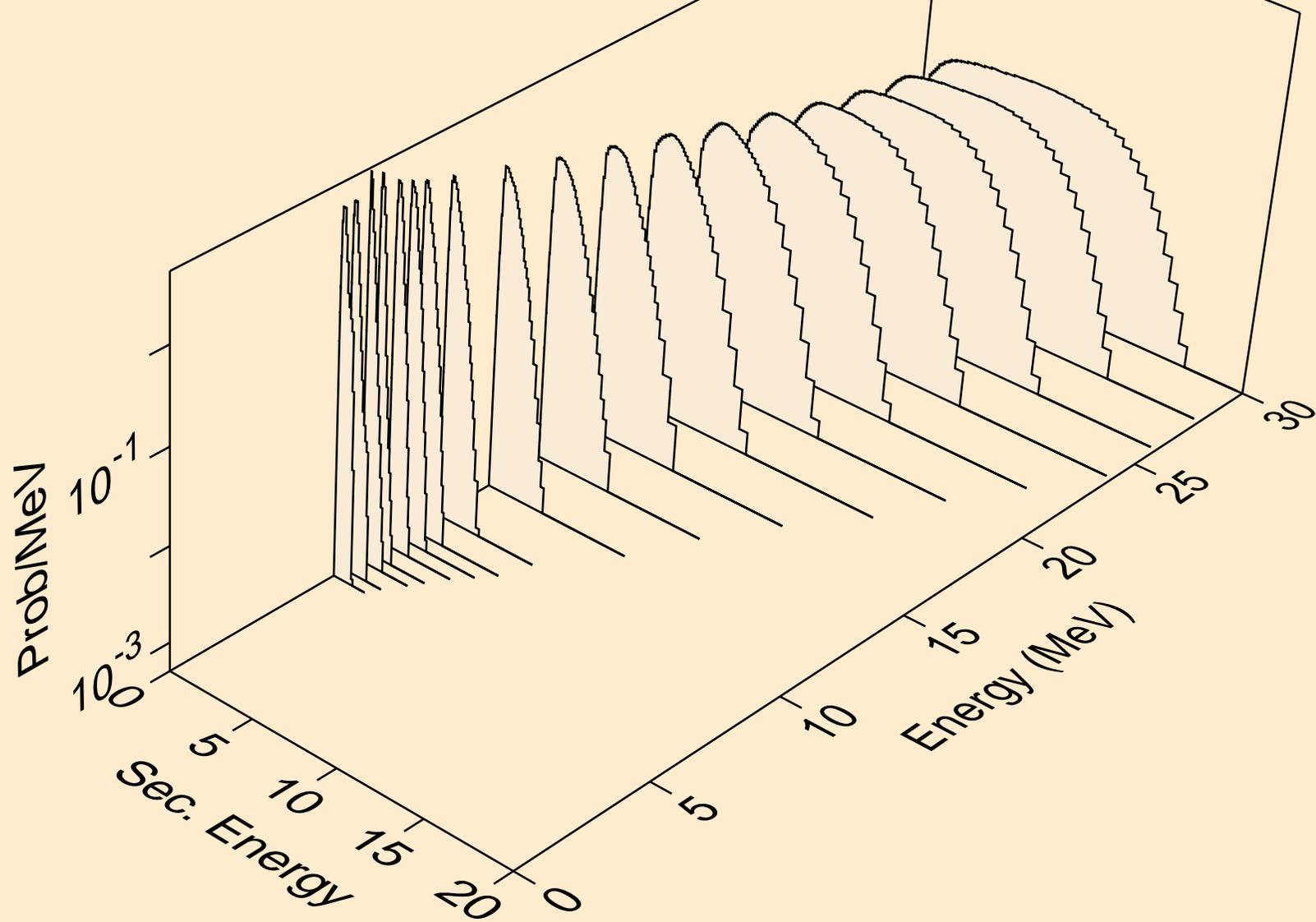
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Neutron emission for (n,n\*)a



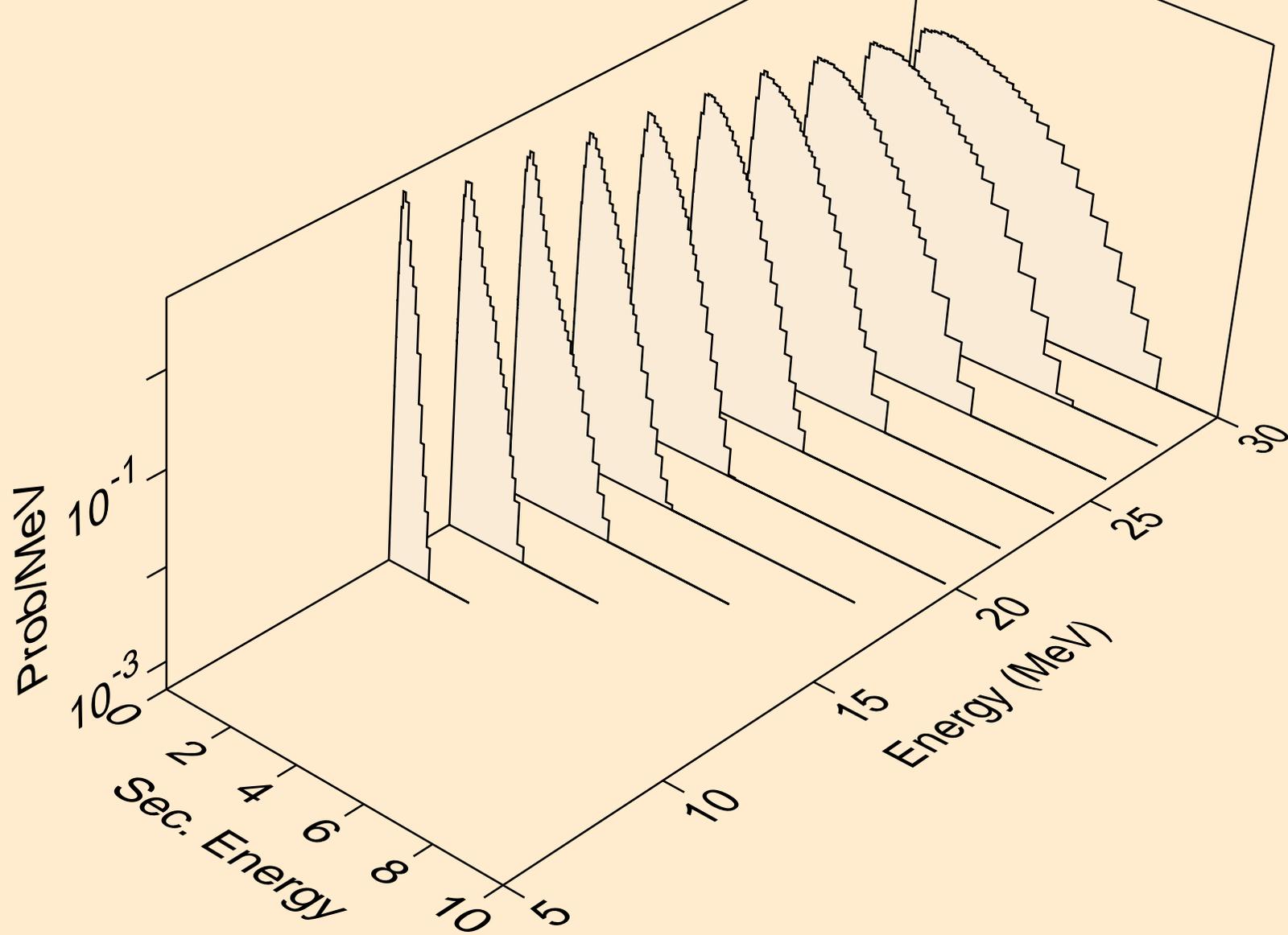
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Neutron emission for (n,2n)<sub>a</sub>



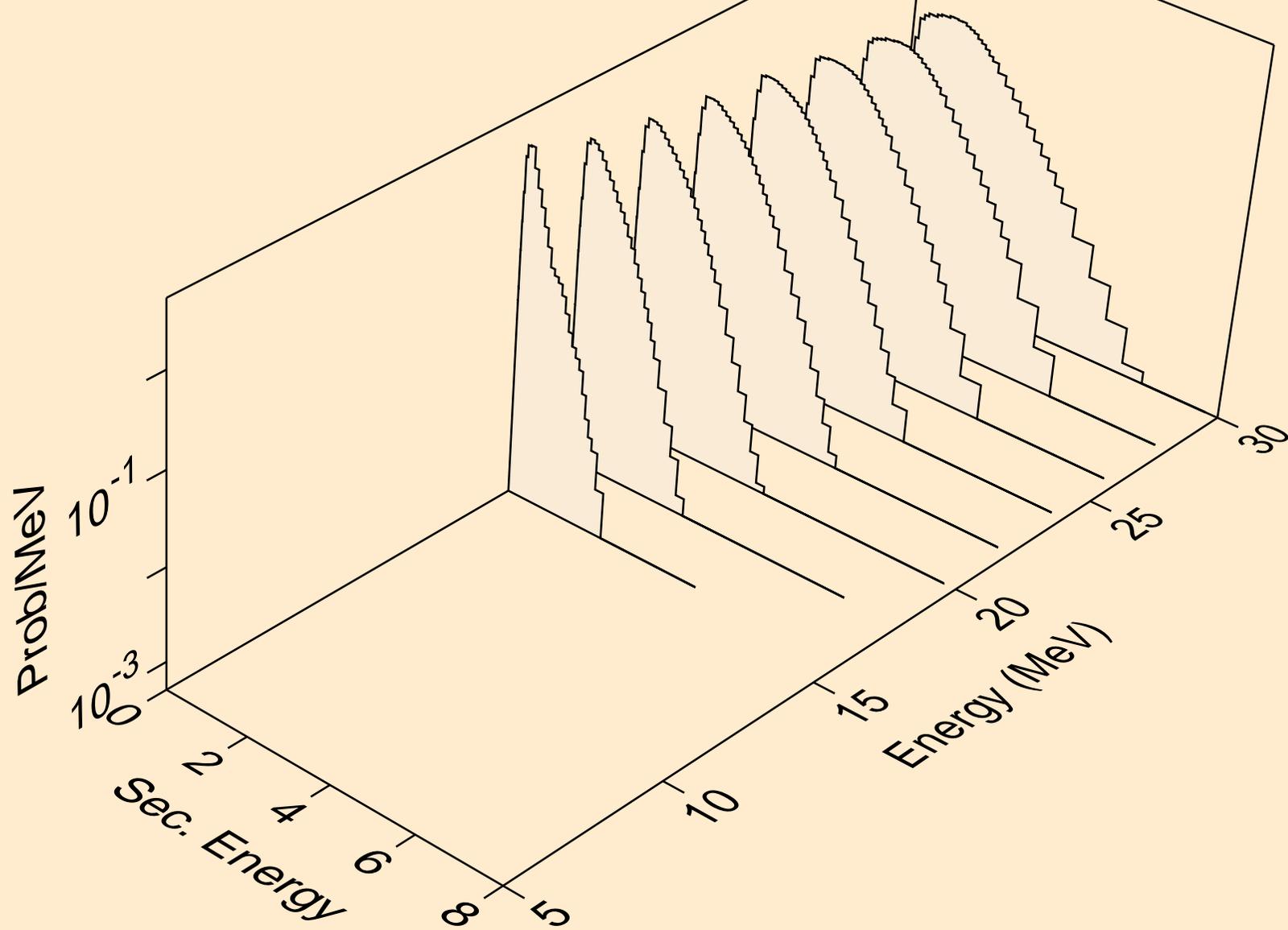
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Neutron emission for (n,n\*)p



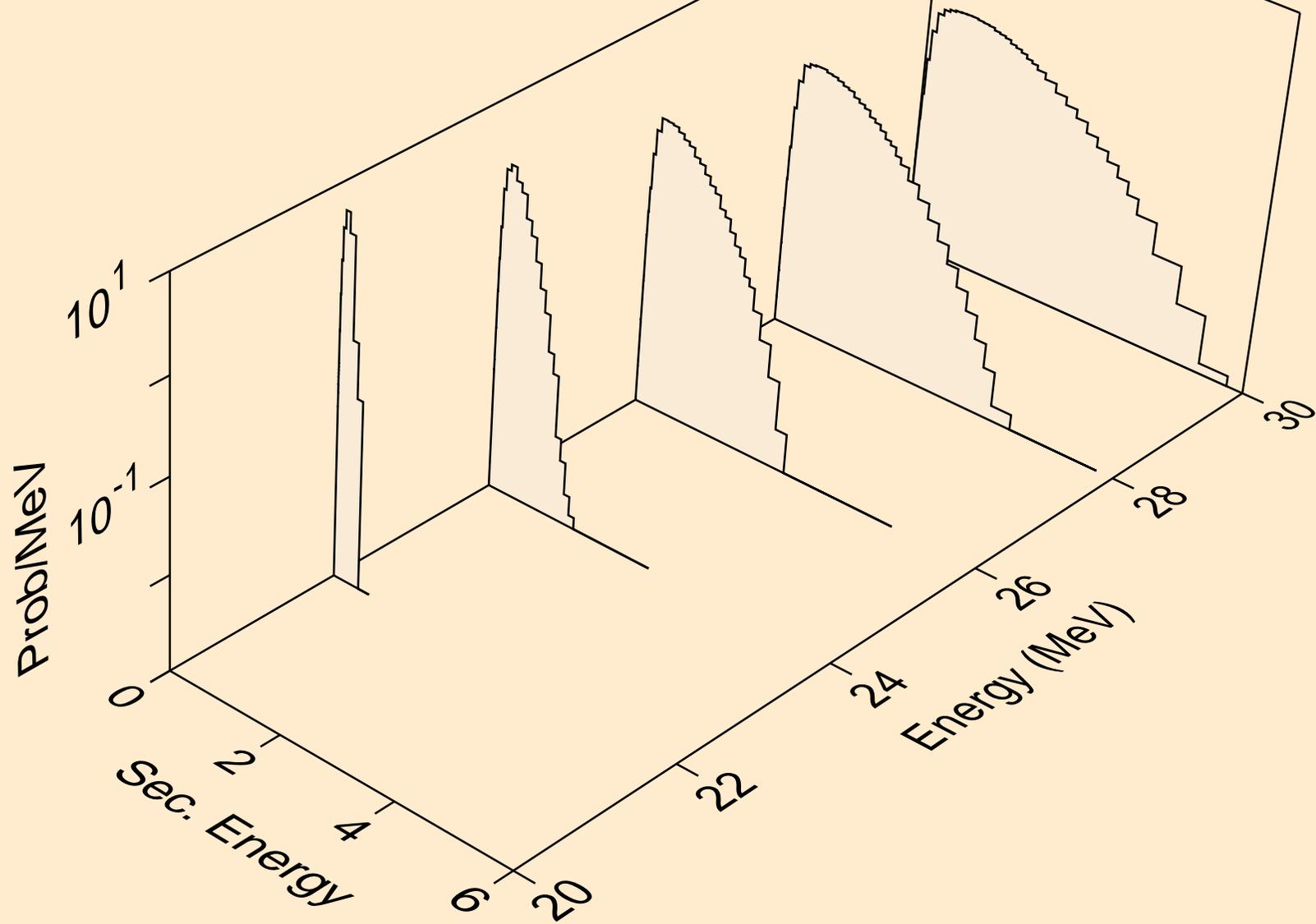
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Neutron emission for (n,n\*)d



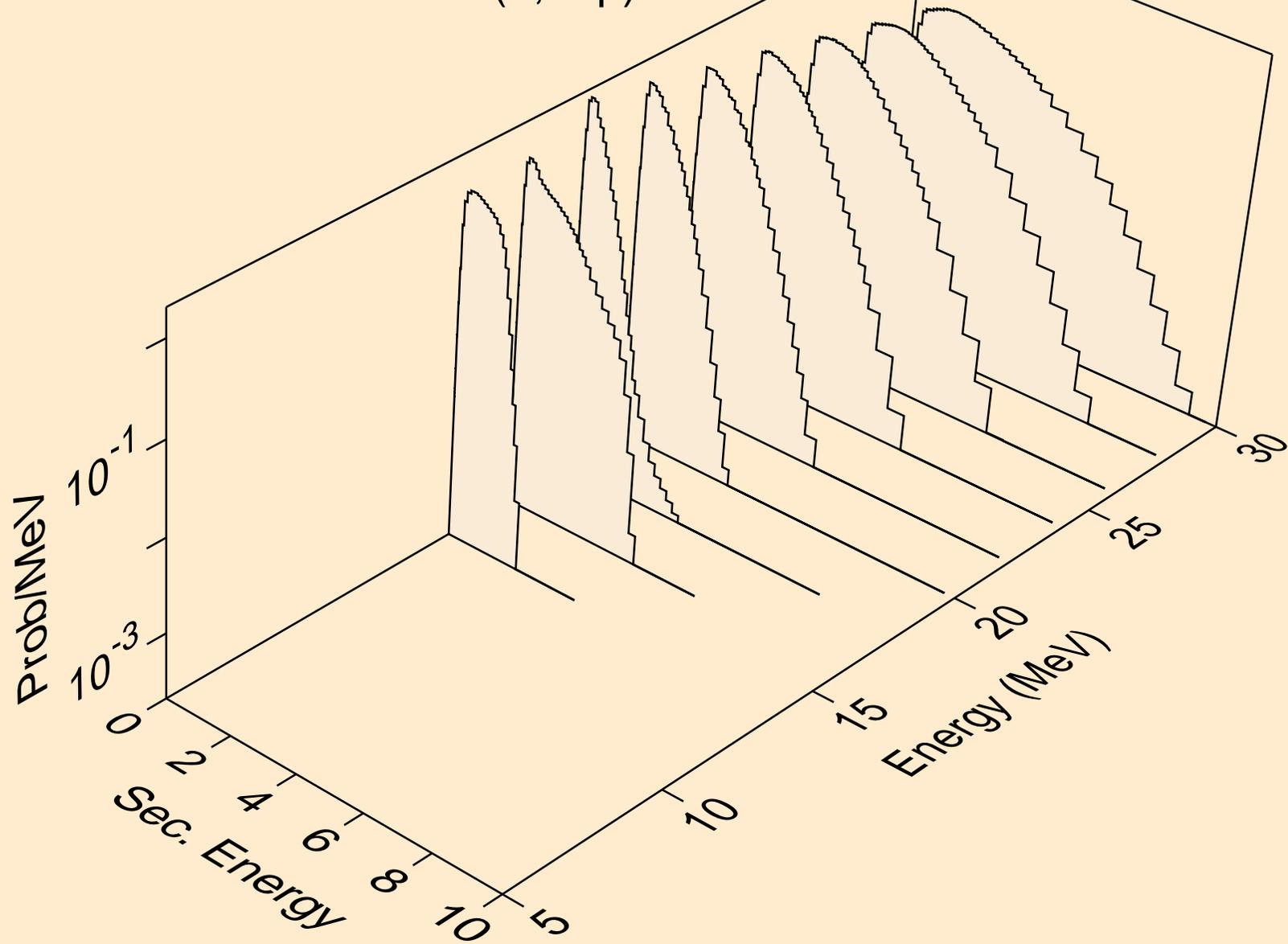
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Neutron emission for (n,n\*)t



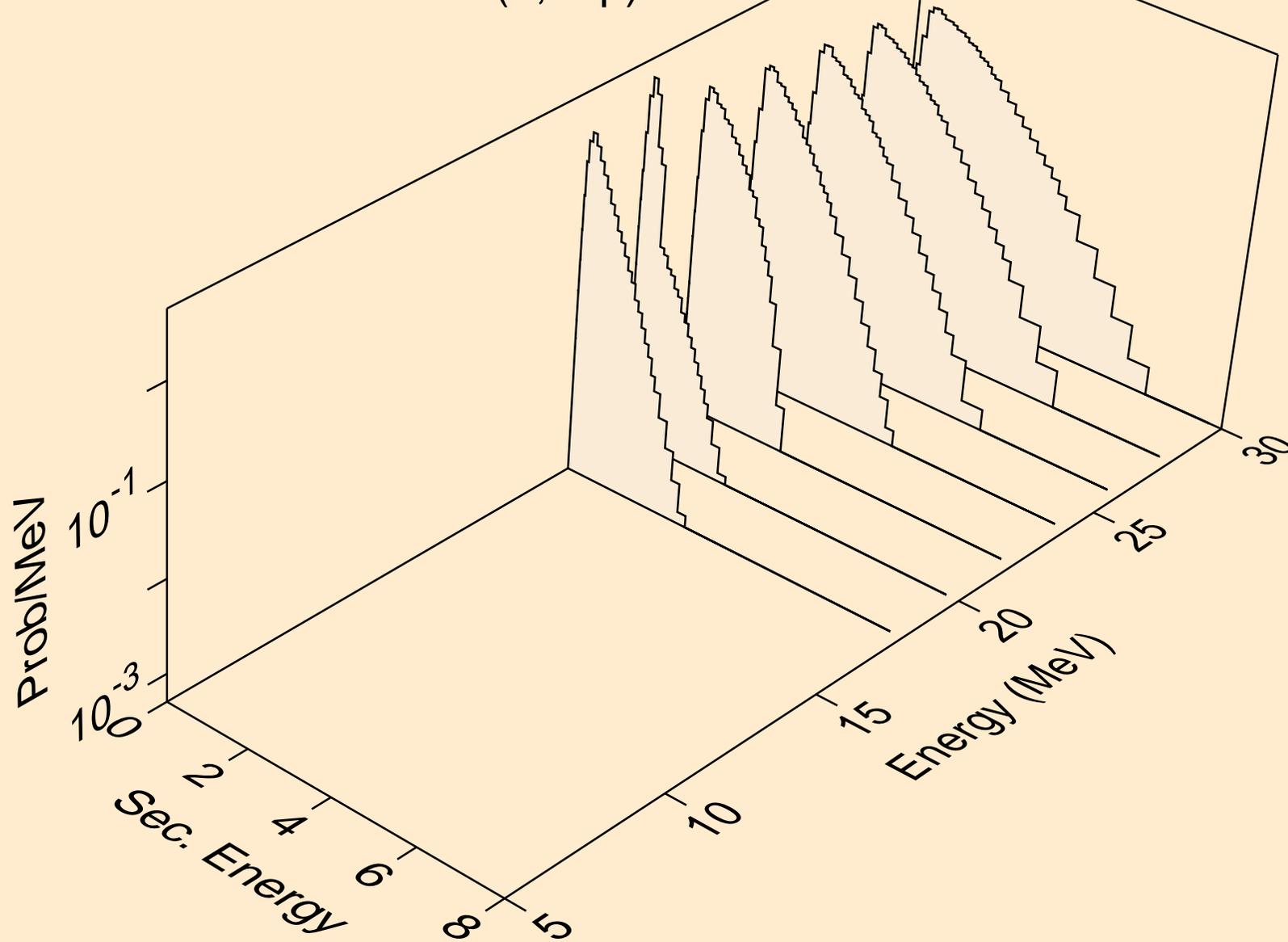
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



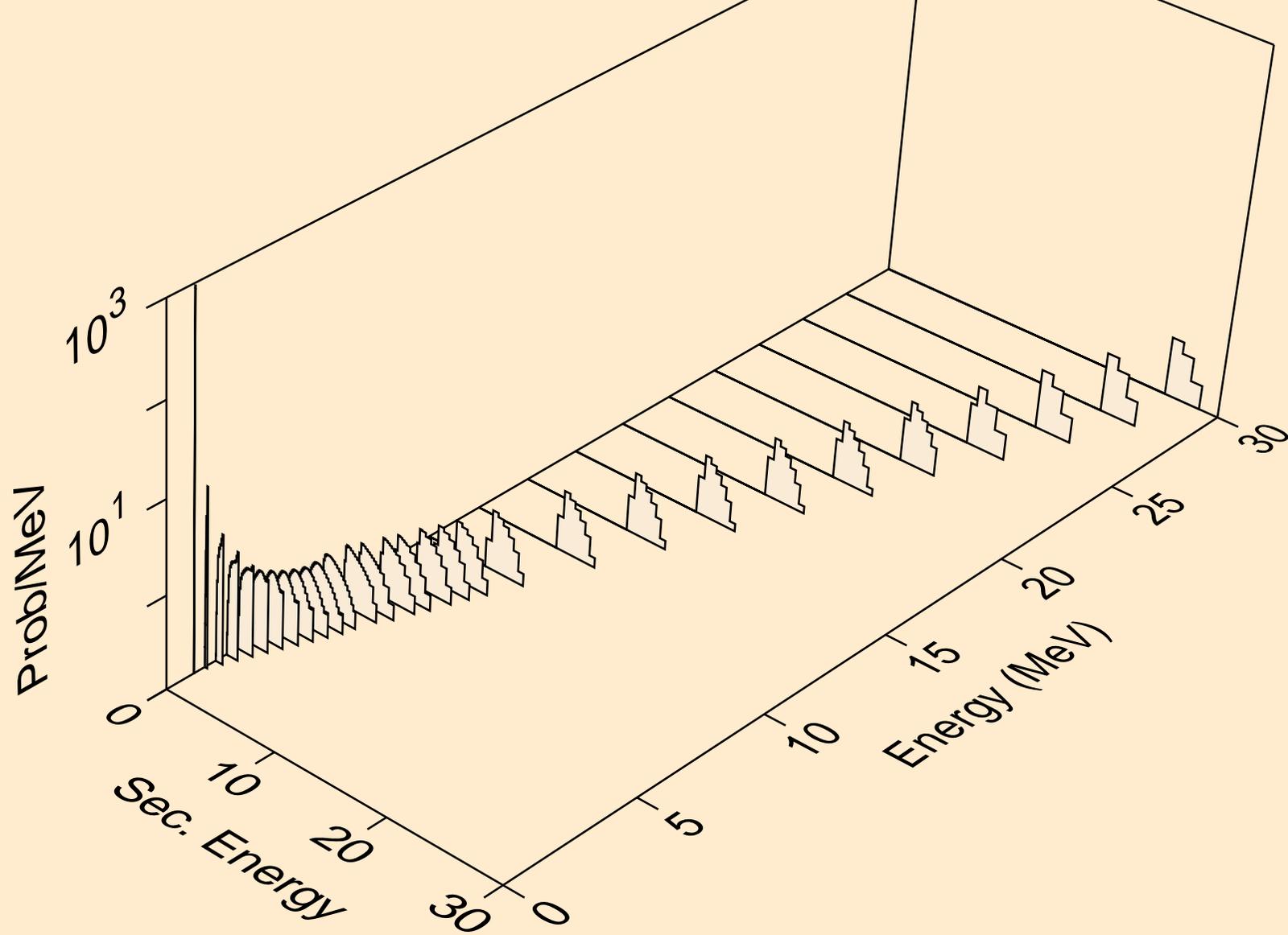
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)

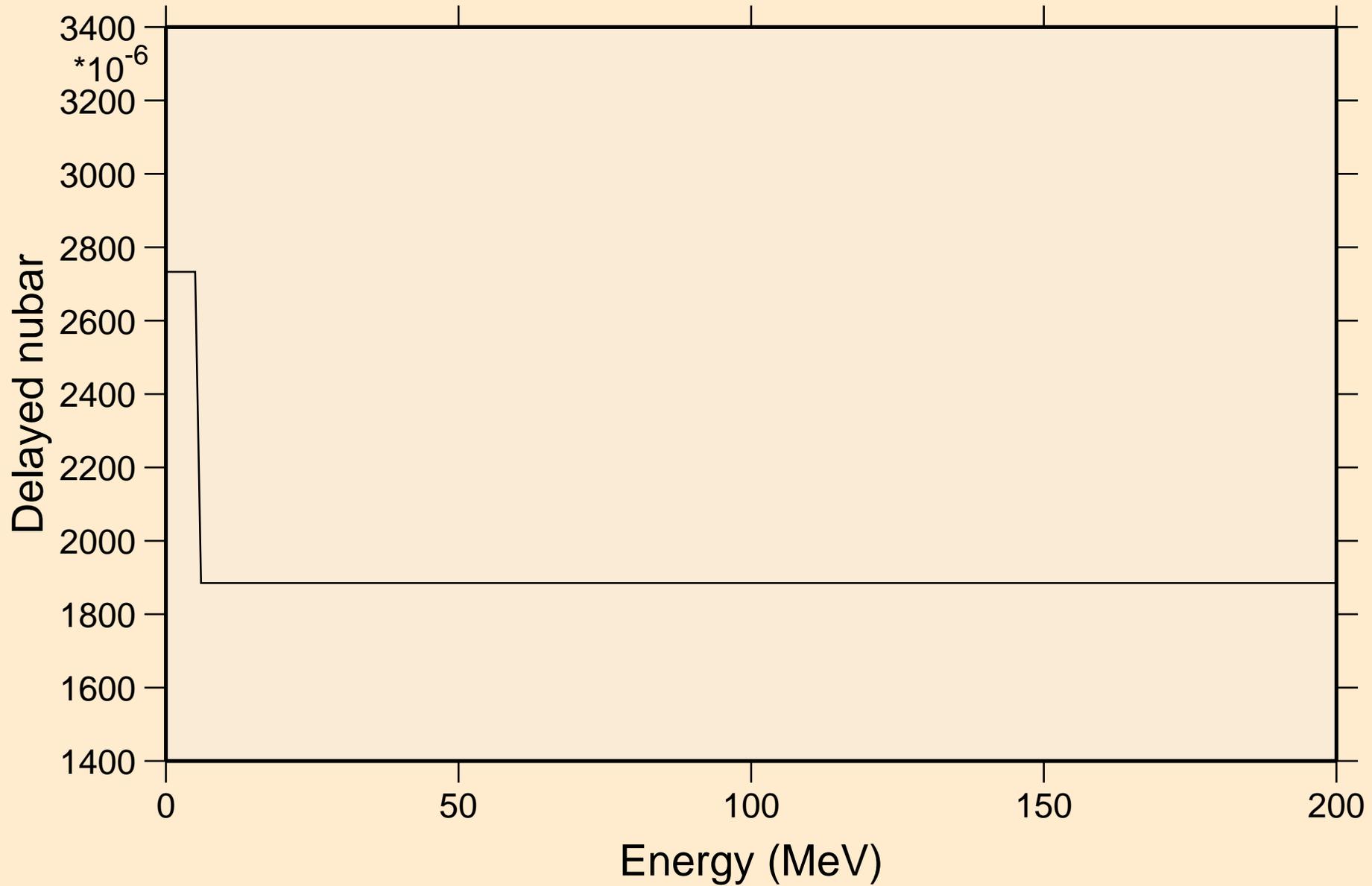


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Neutron emission for (n,n\*c)



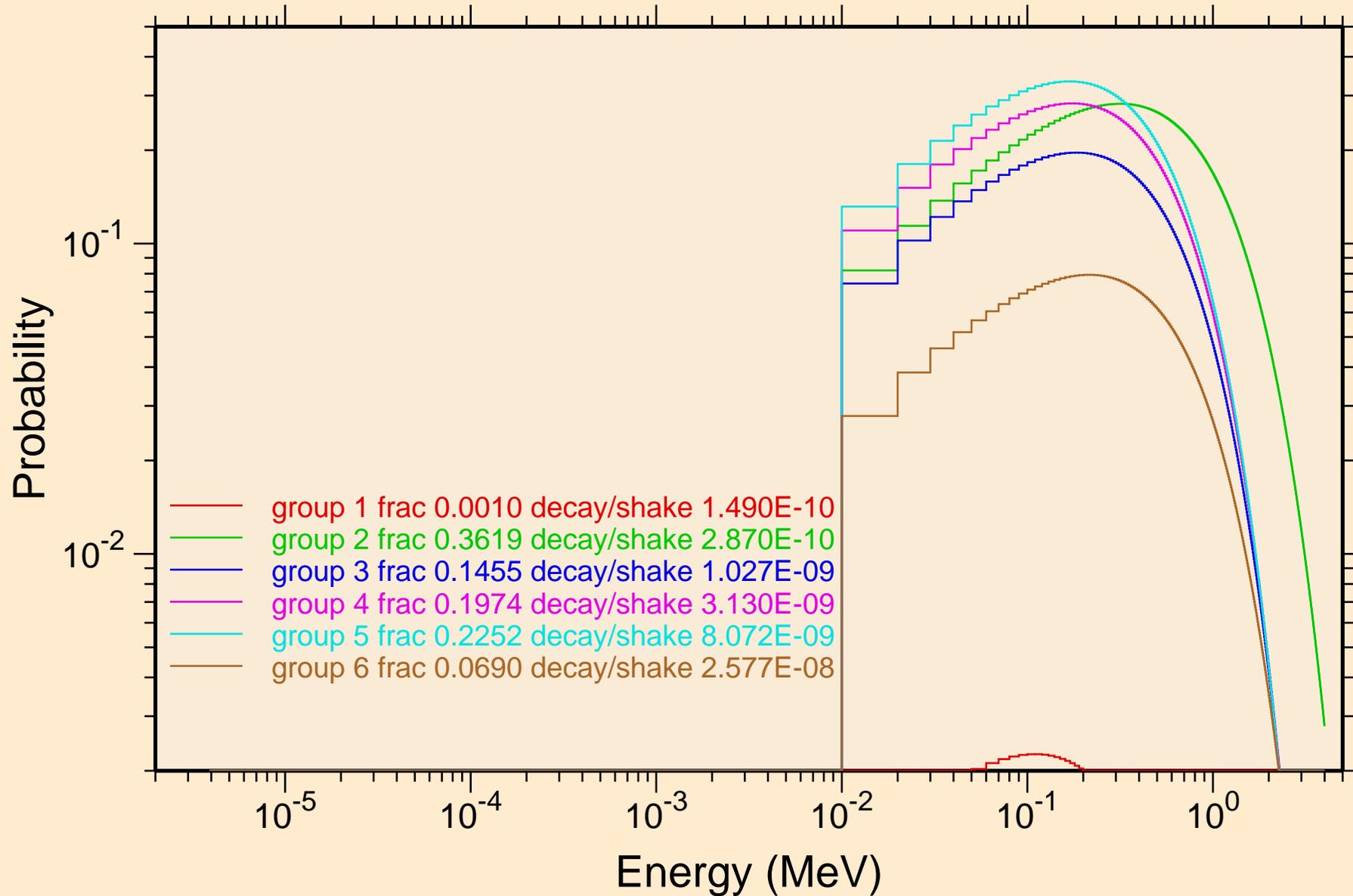
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## Delayed nubar

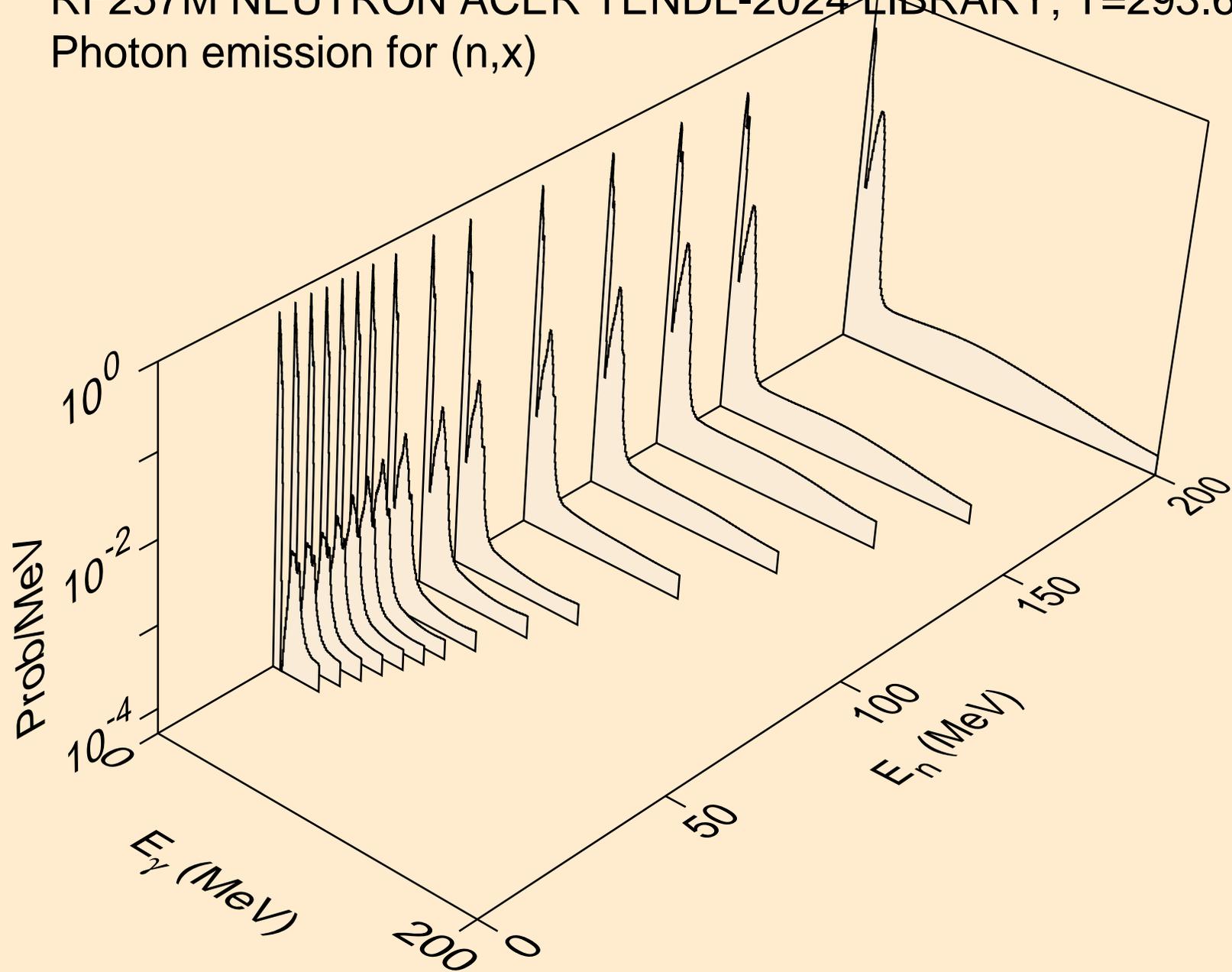


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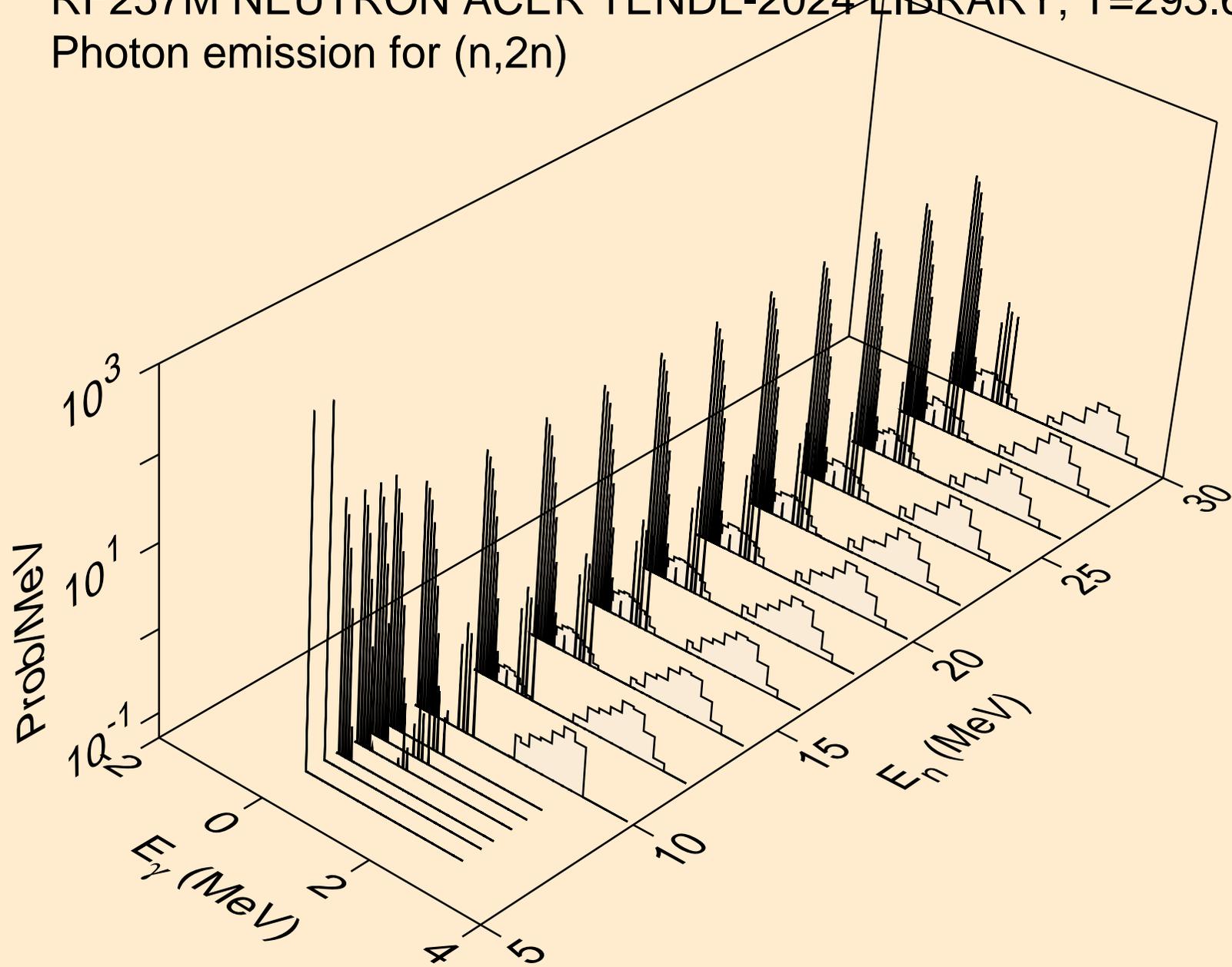
## Delayed neutron spectra



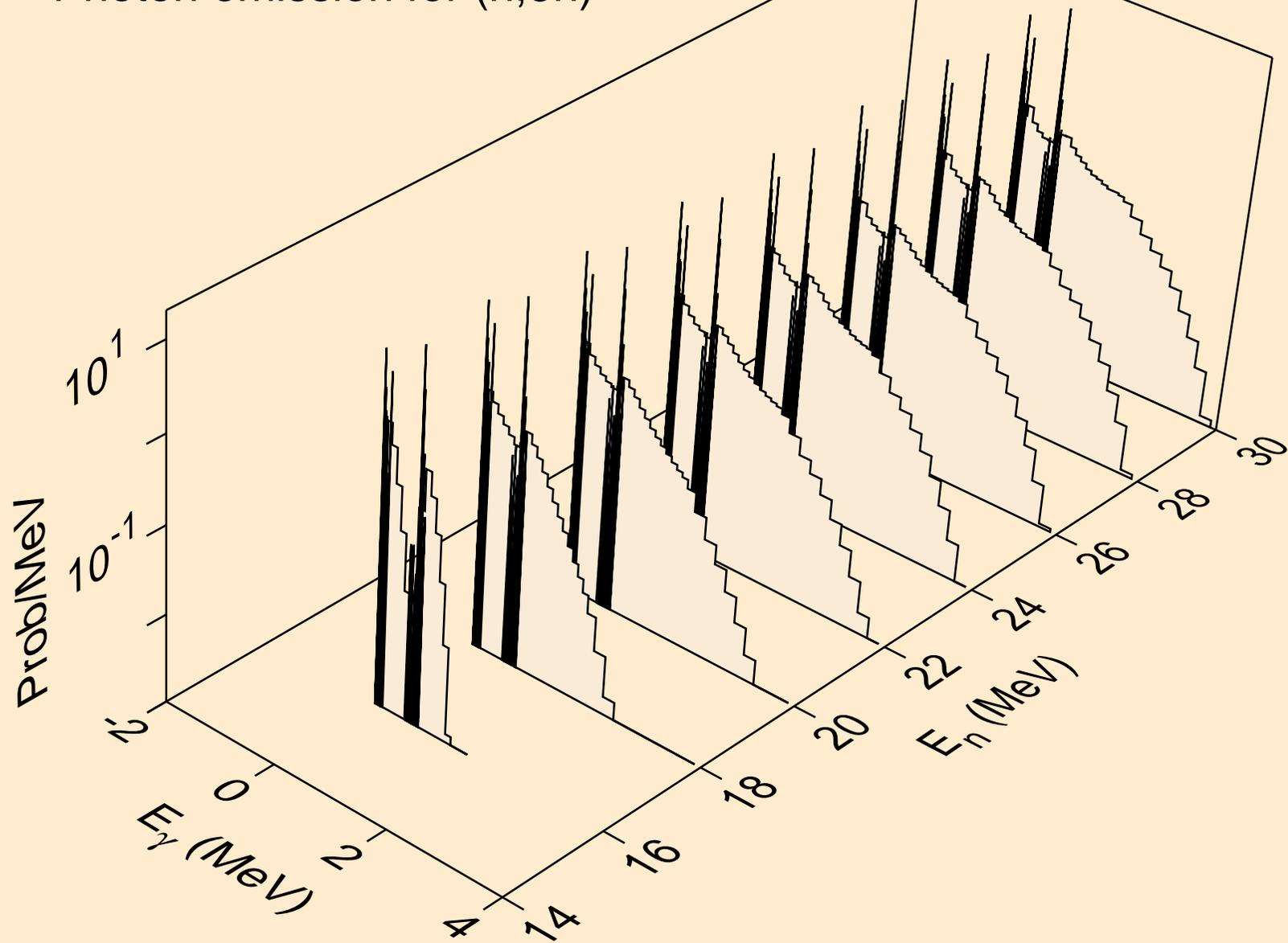
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



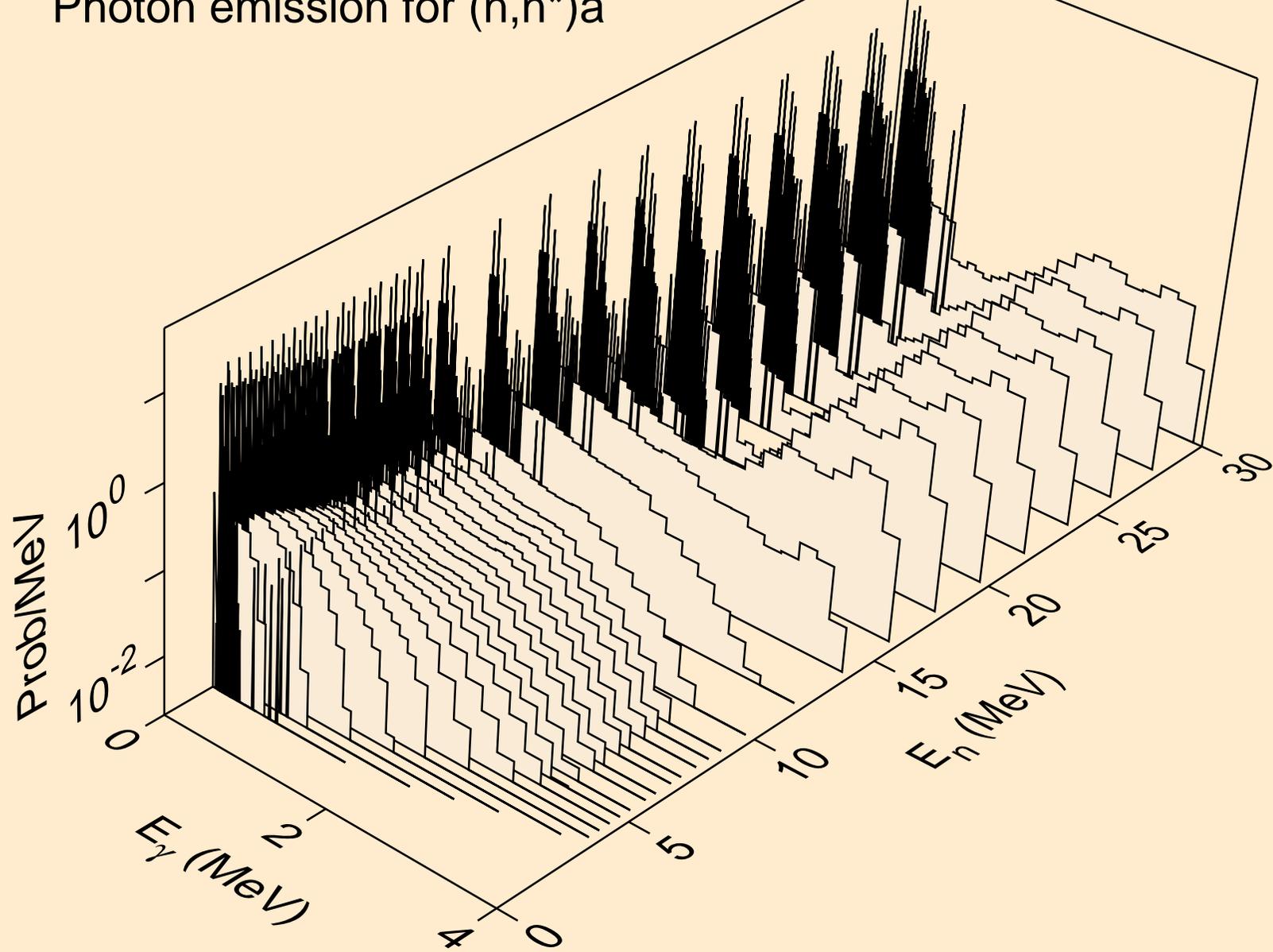
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Photon emission for (n,2n)



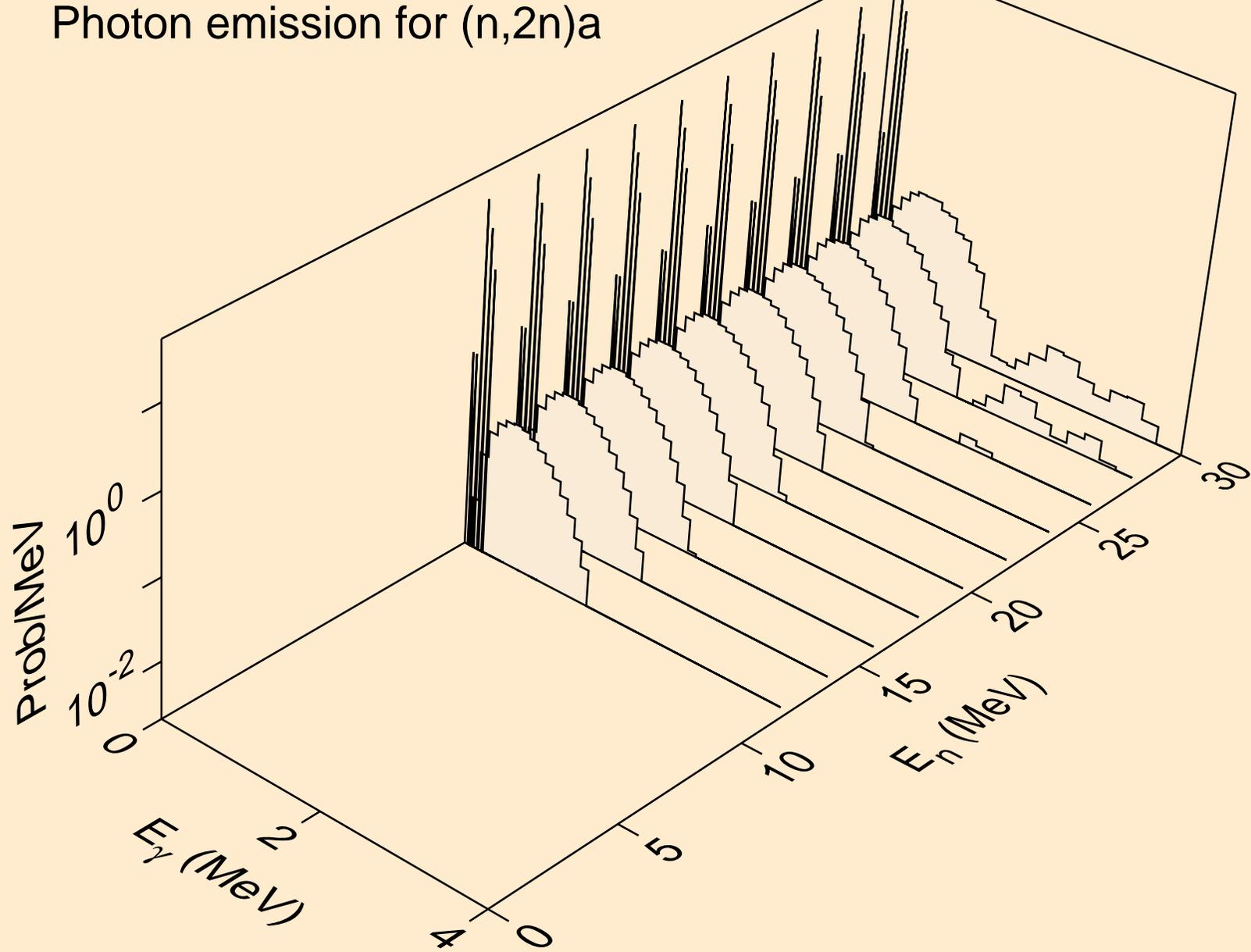
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



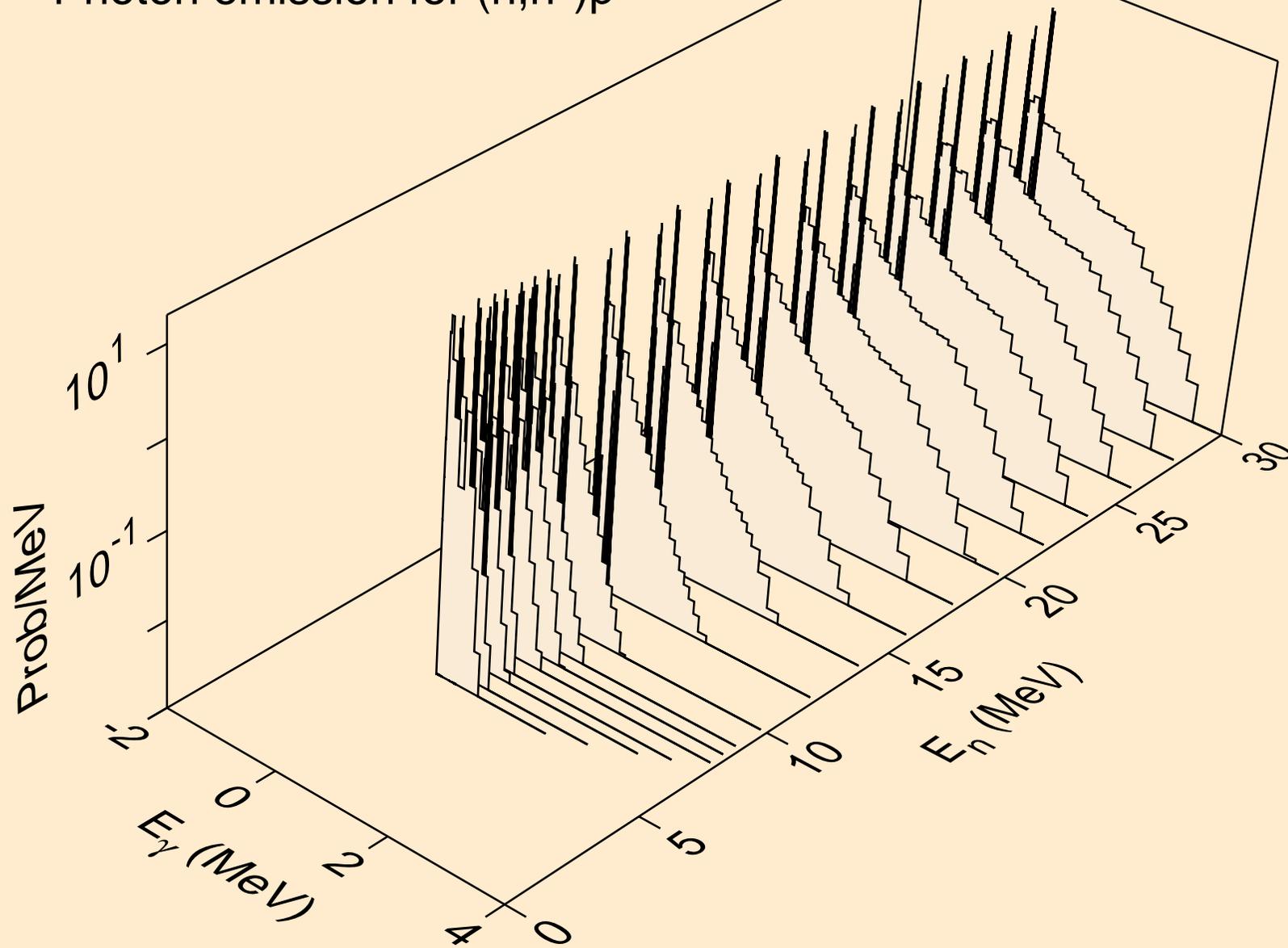
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Photon emission for (n,n\*)a



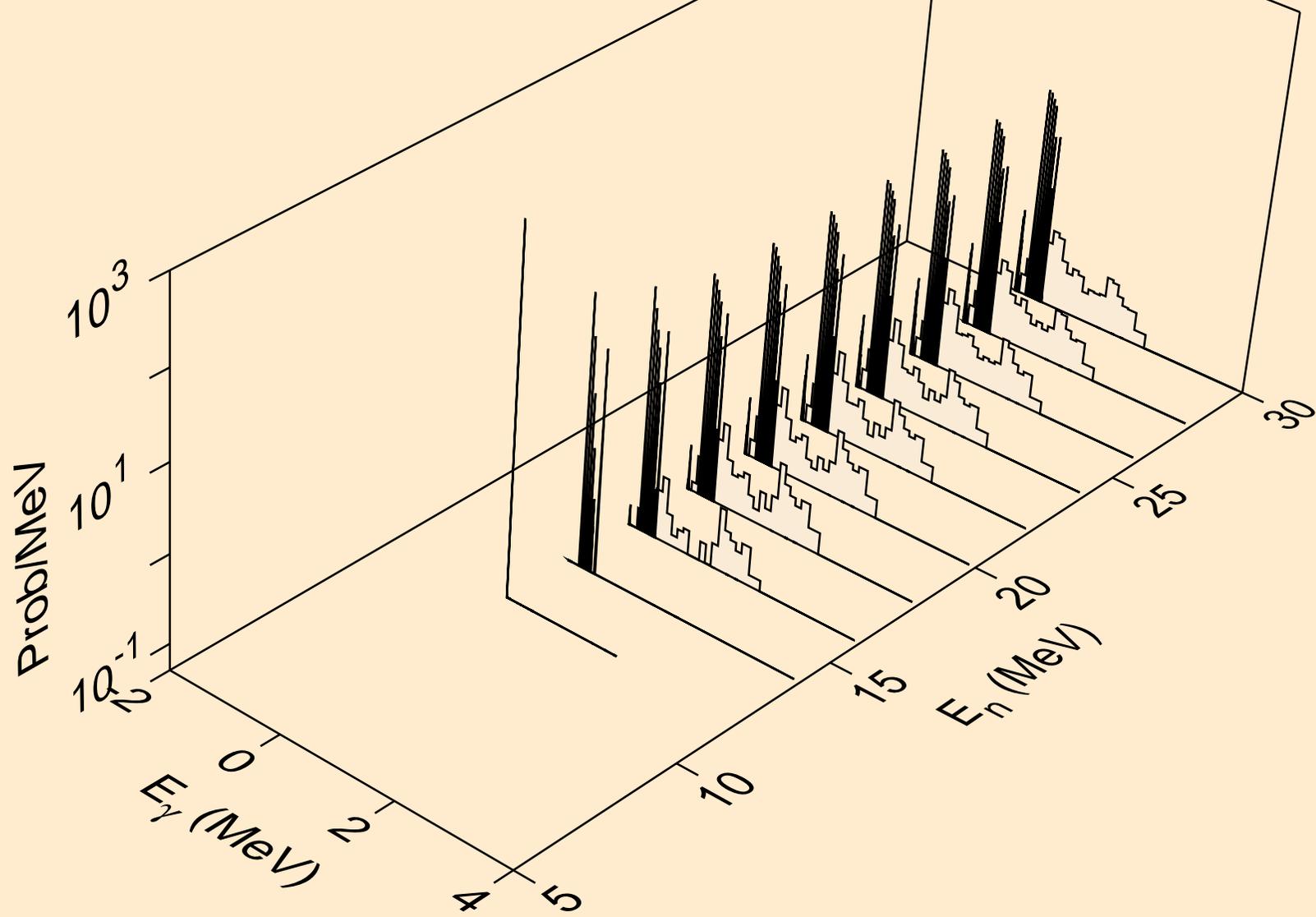
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Photon emission for (n,2n)a



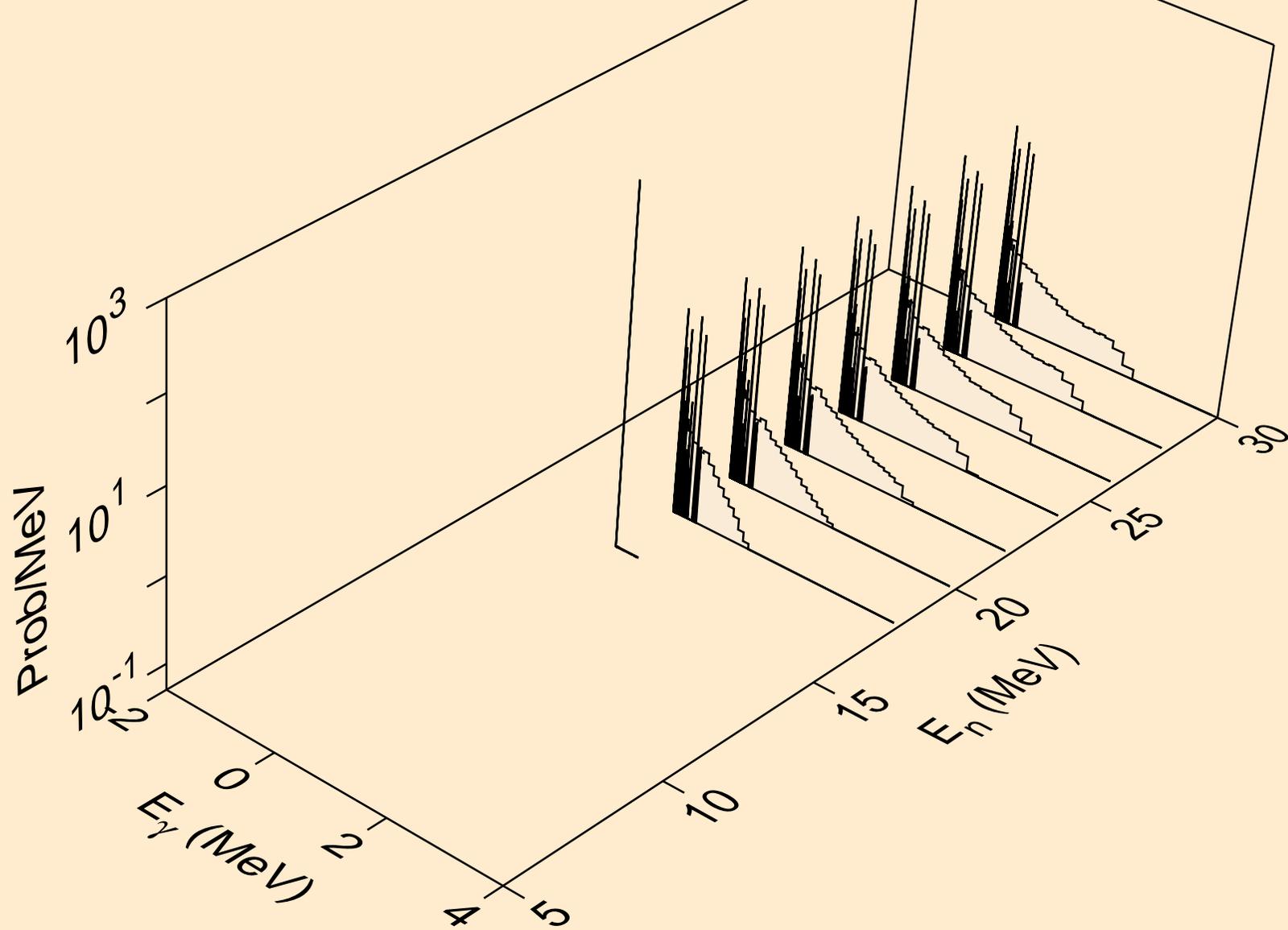
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Photon emission for (n,n\*)p



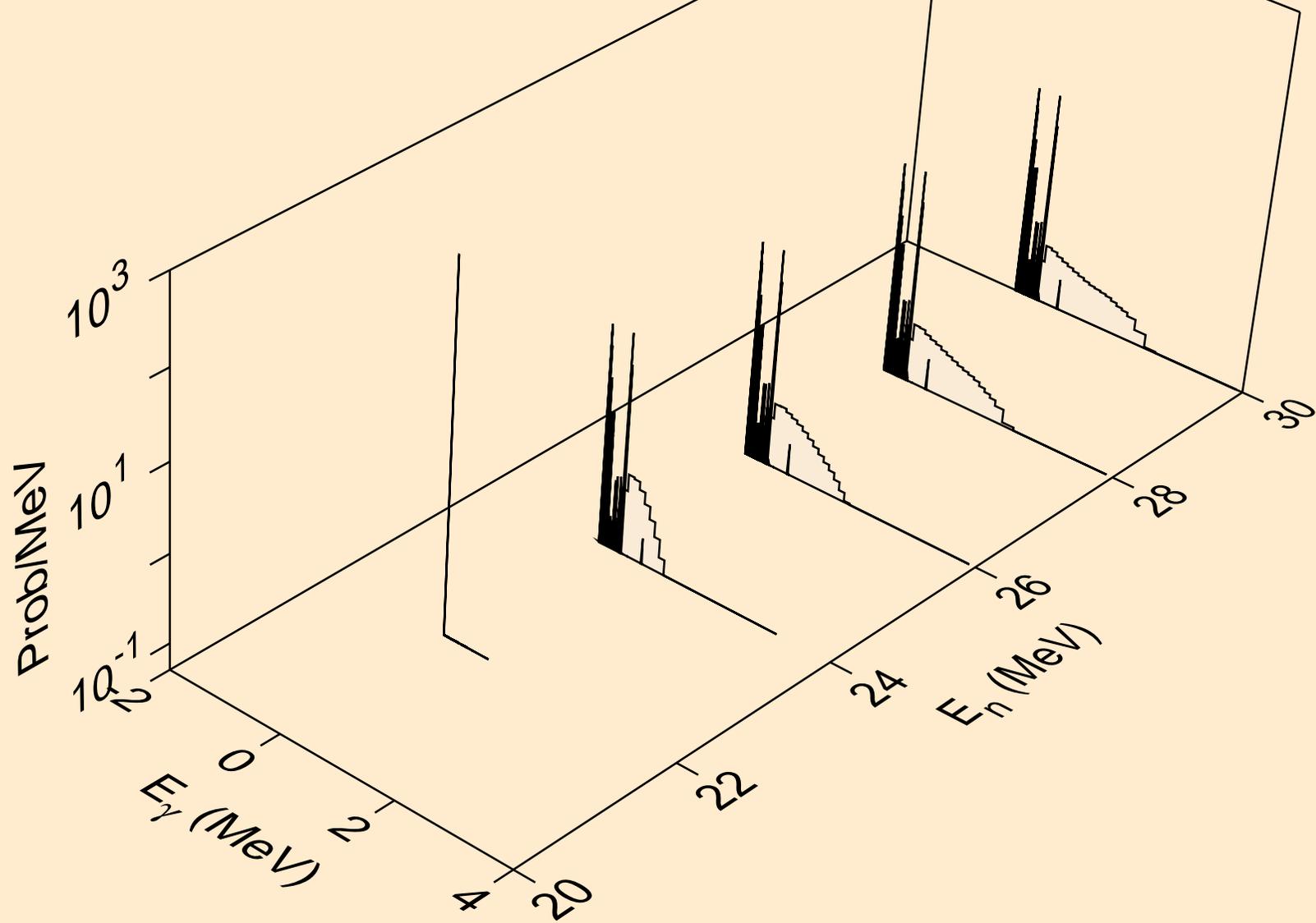
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Photon emission for (n,n\*)d



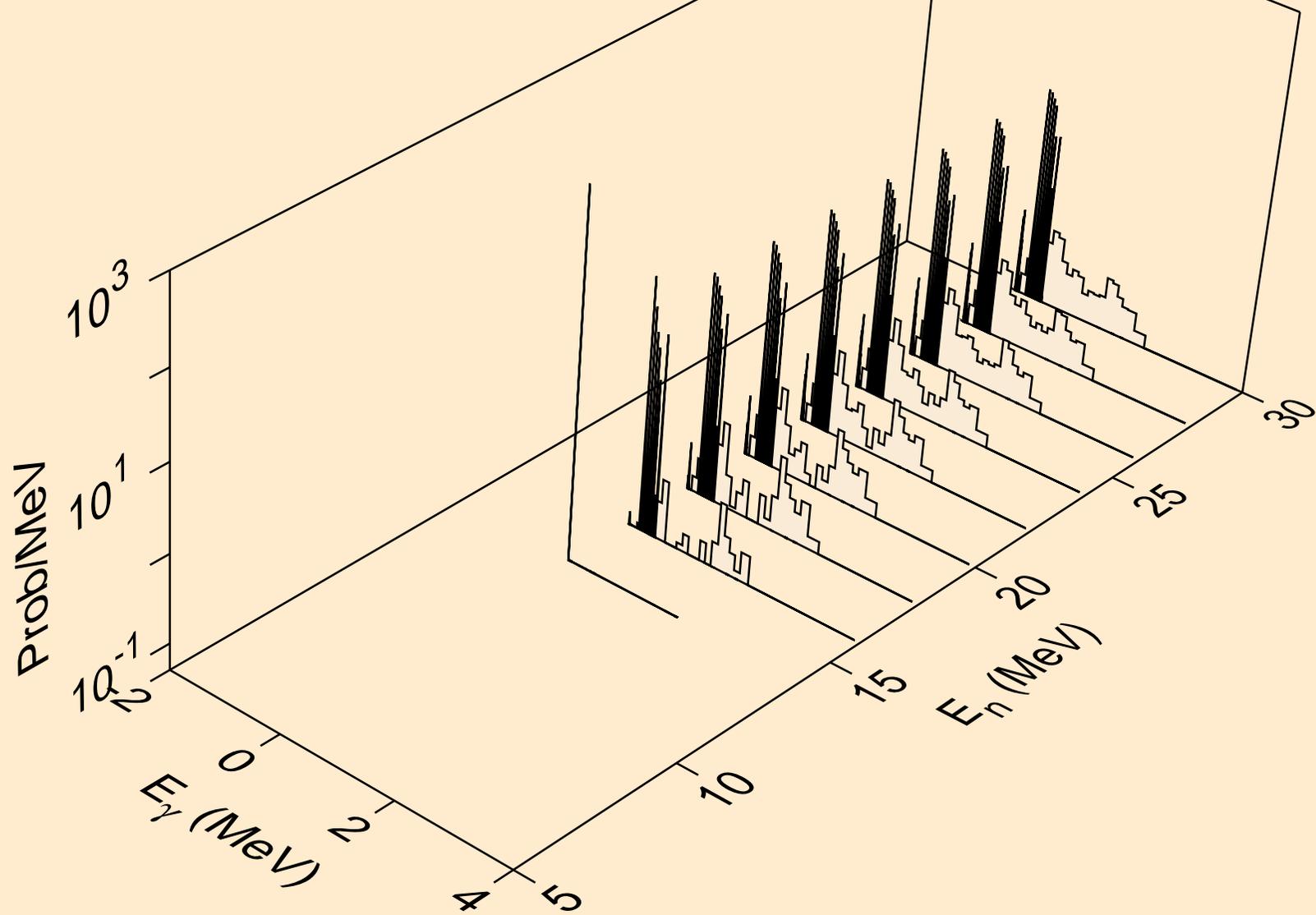
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Photon emission for (n,n\*)t



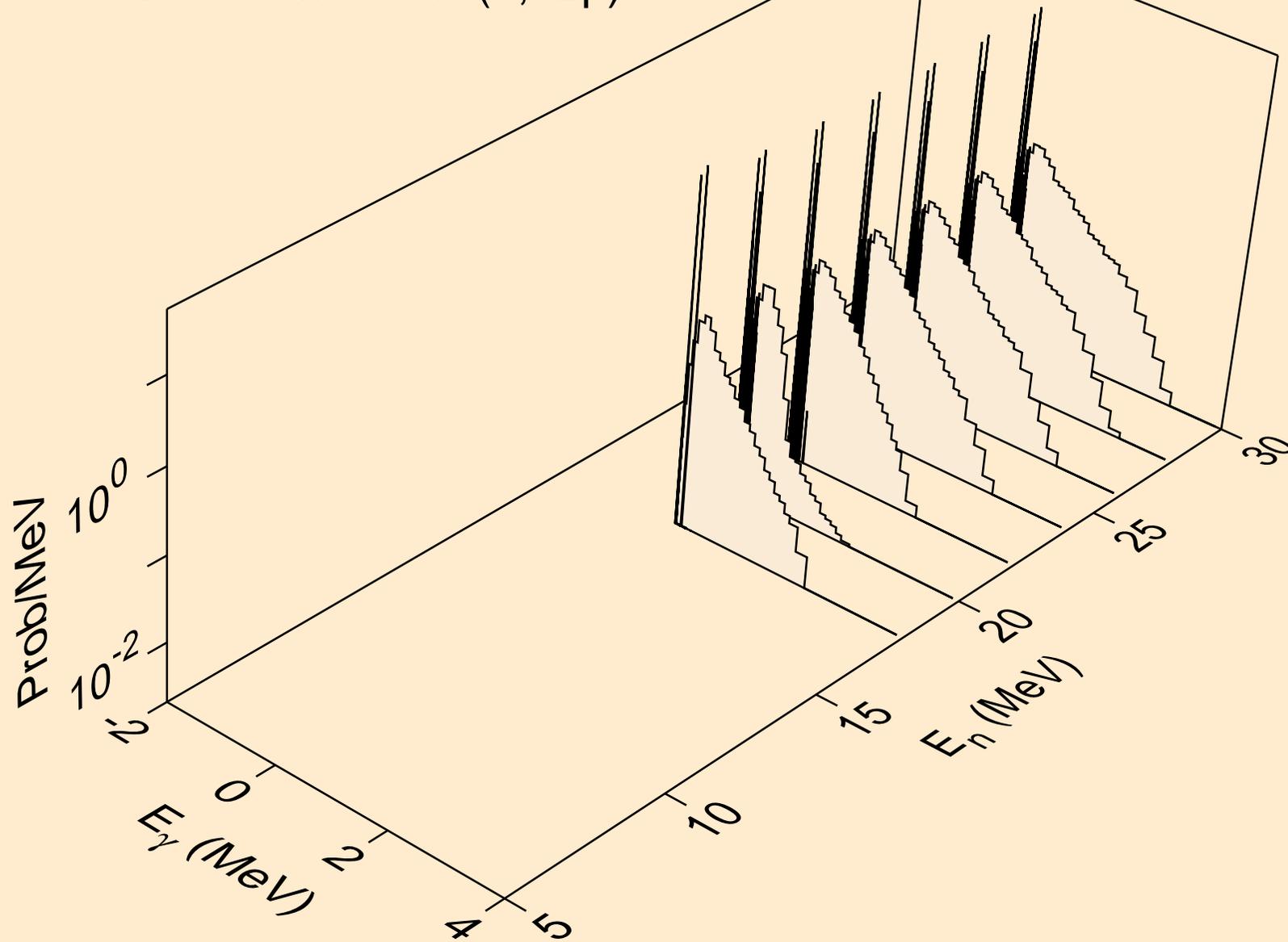
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Photon emission for (n,4n)



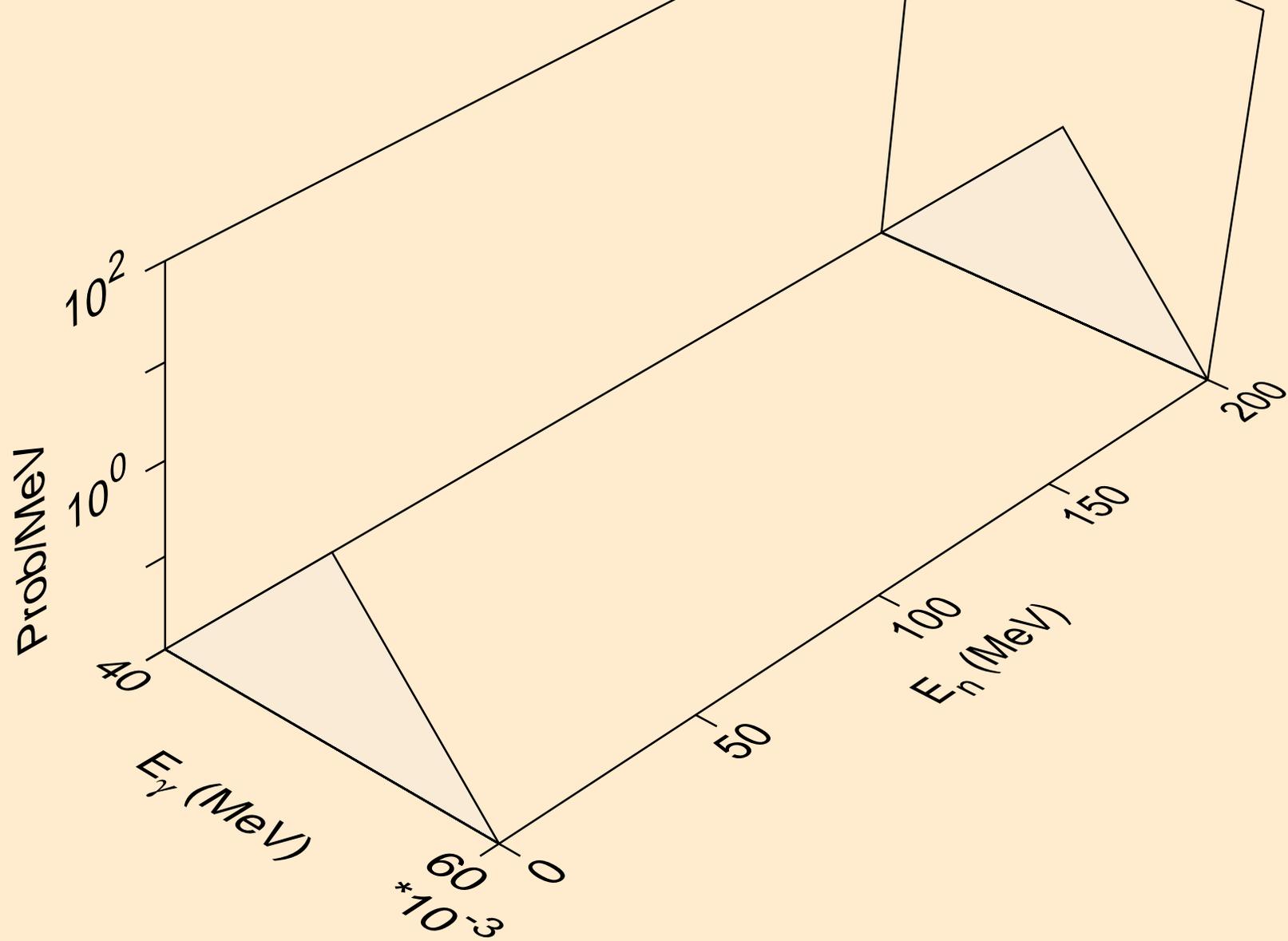
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Photon emission for (n,2np)



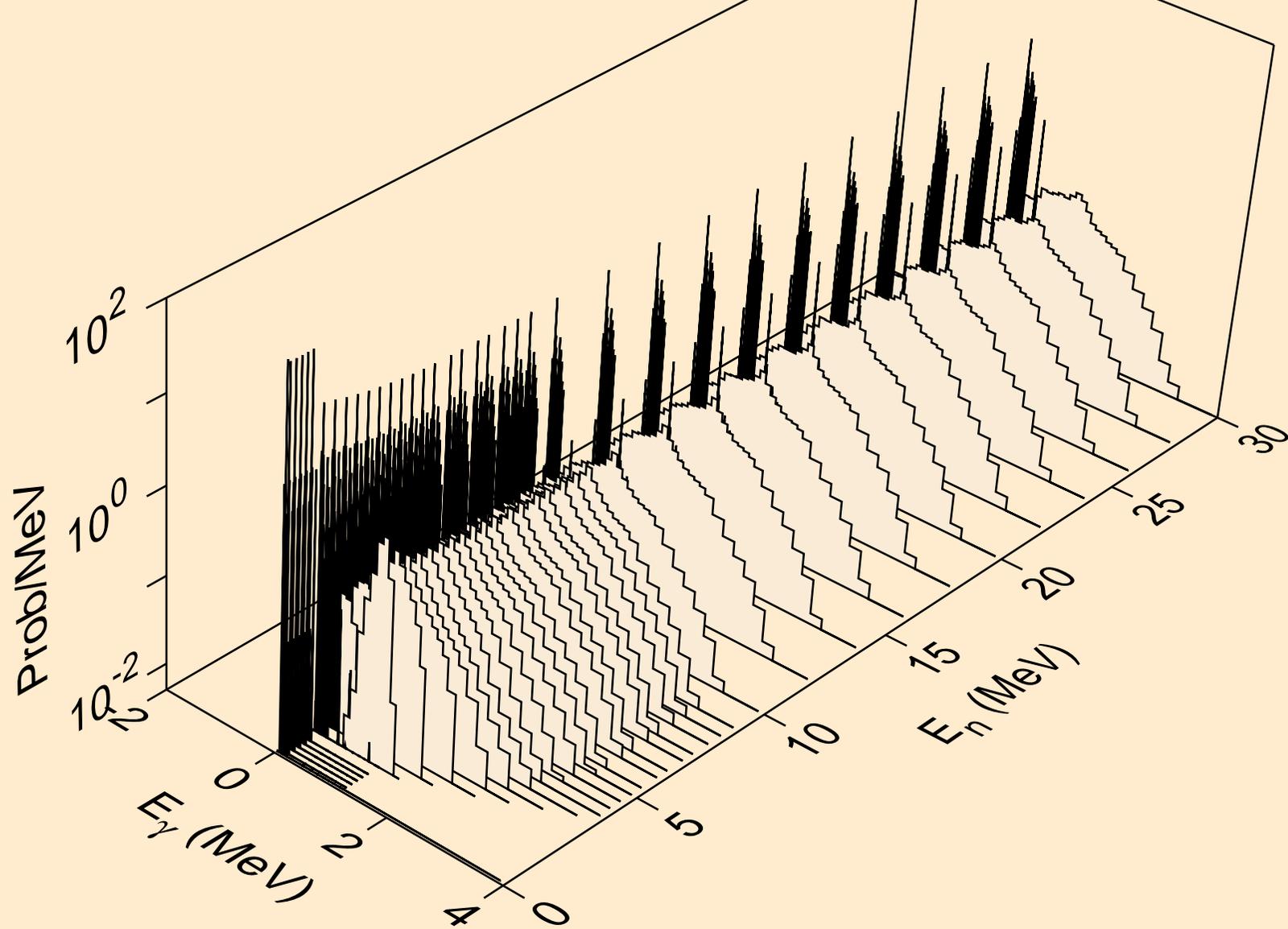
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Photon emission for (n,n2p)



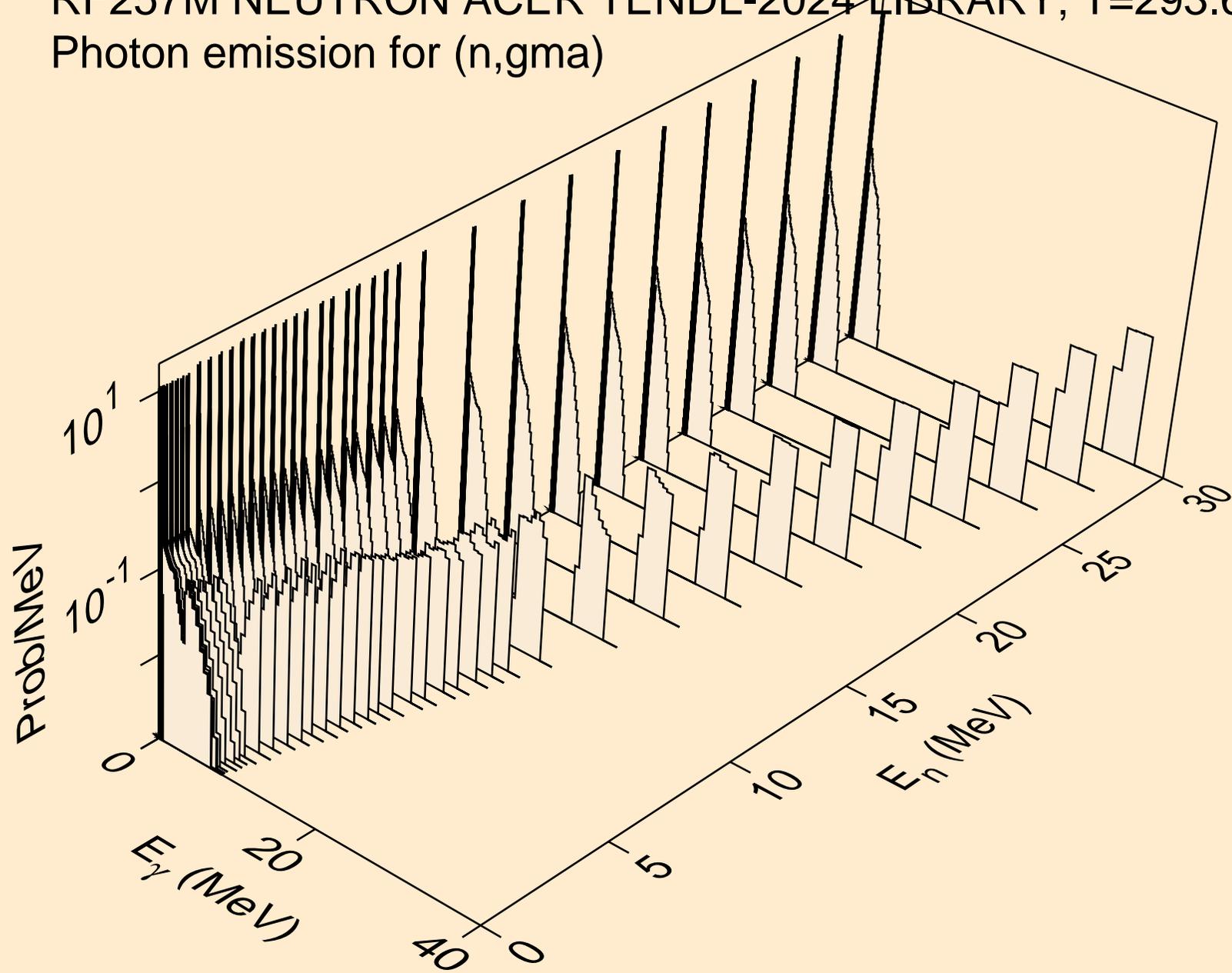
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Photon emission for (n,n\*1)



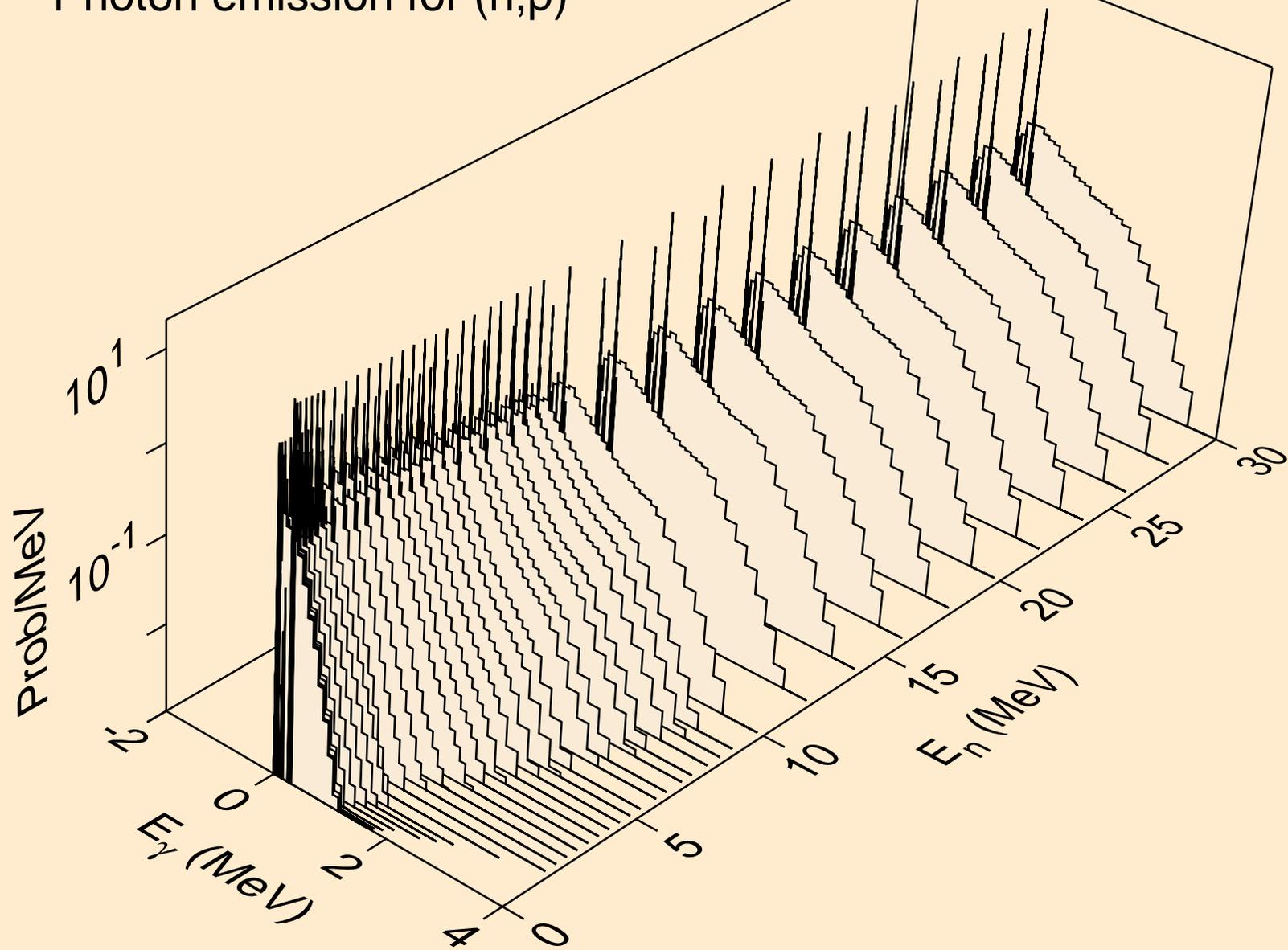
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Photon emission for (n,n\*c)



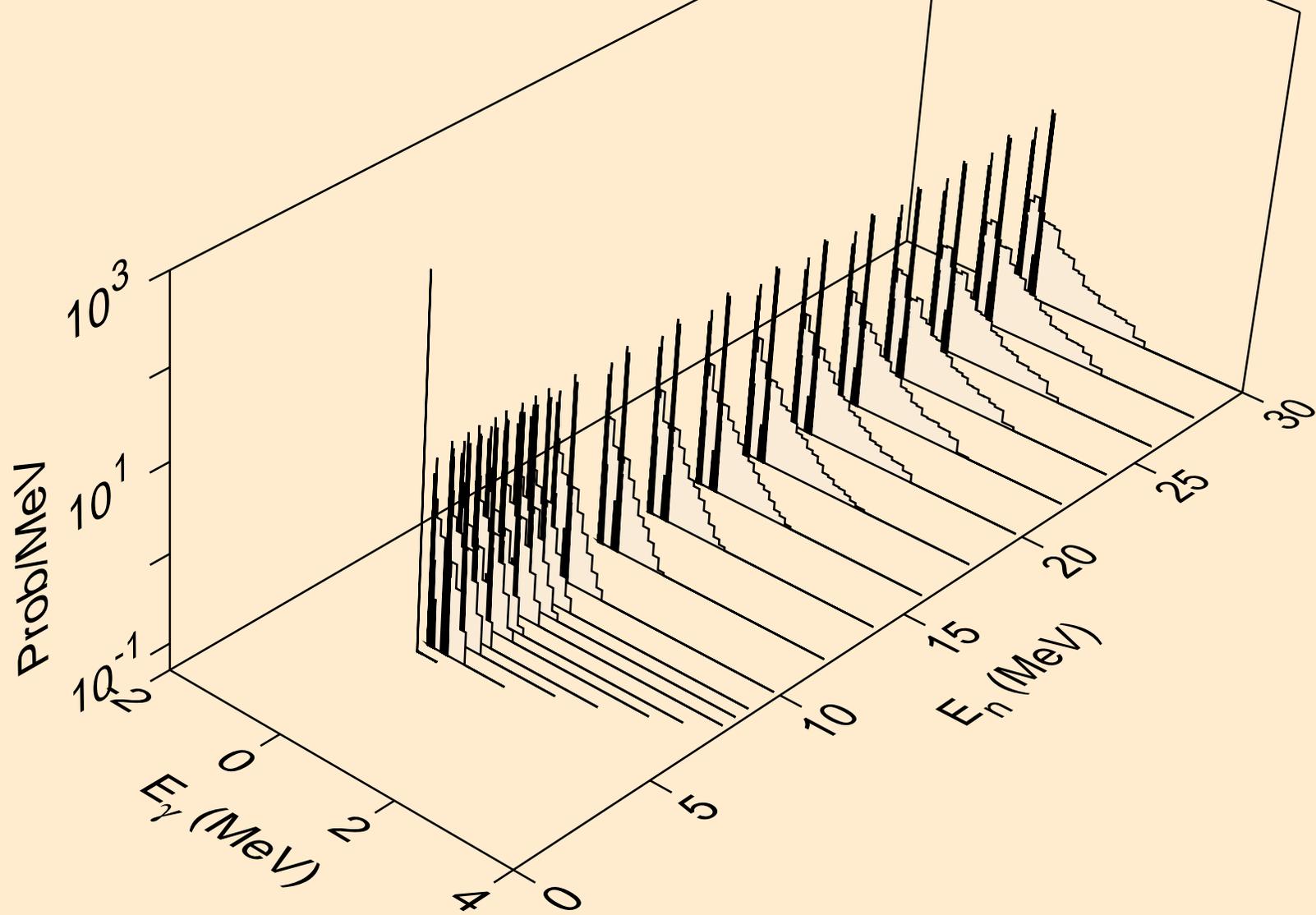
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Photon emission for (n,gma)



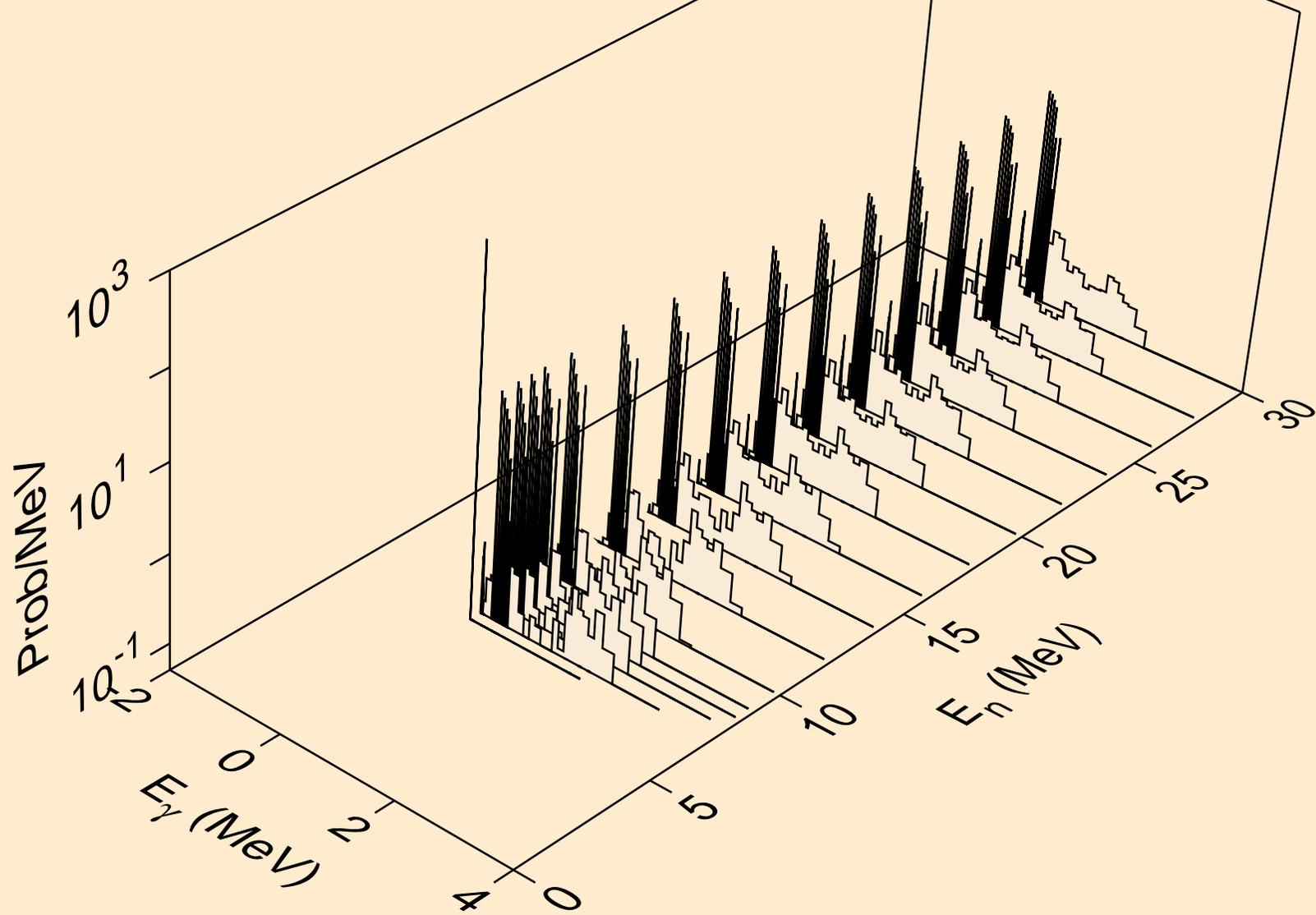
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Photon emission for (n,p)



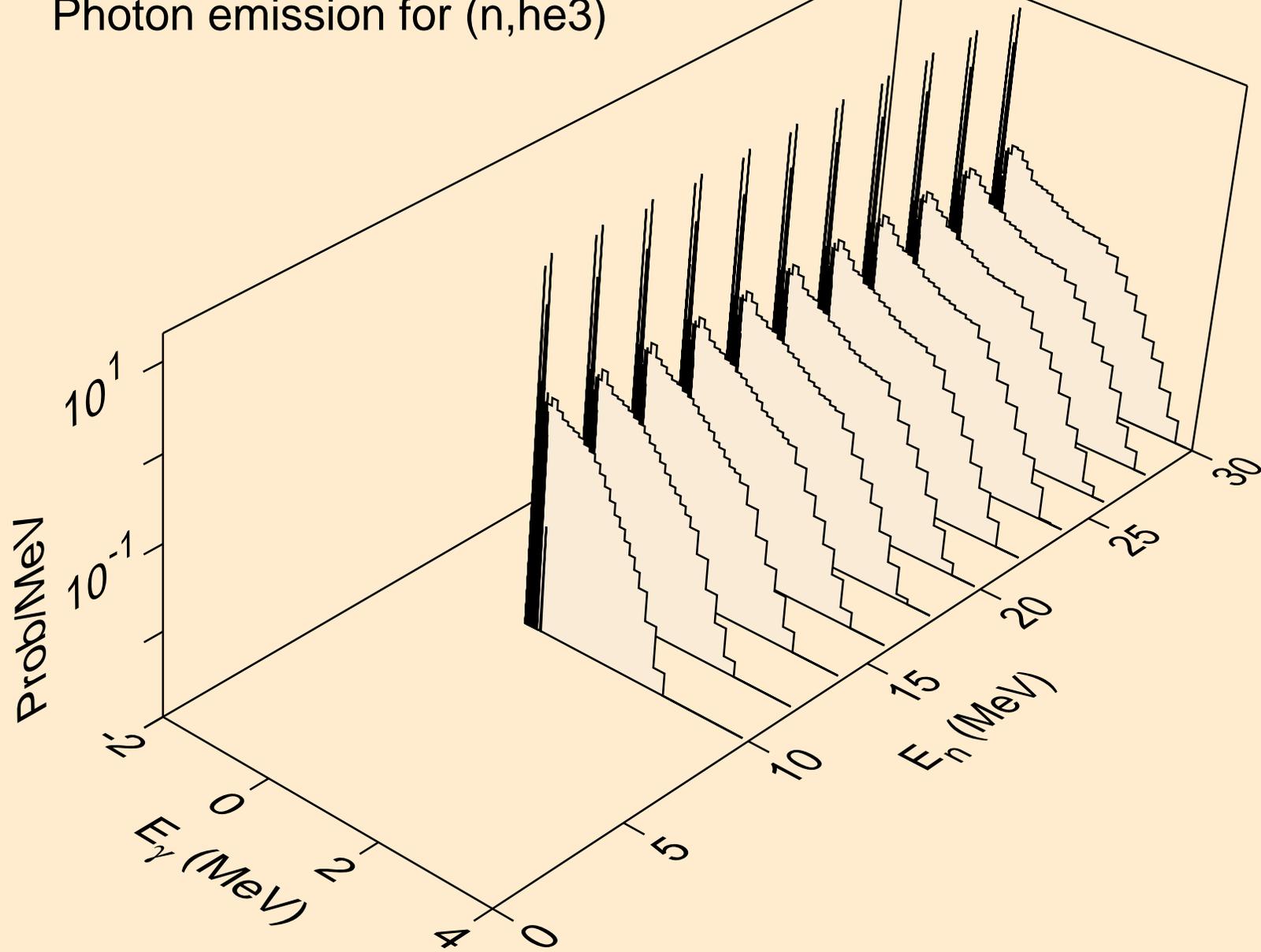
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Photon emission for (n,d)



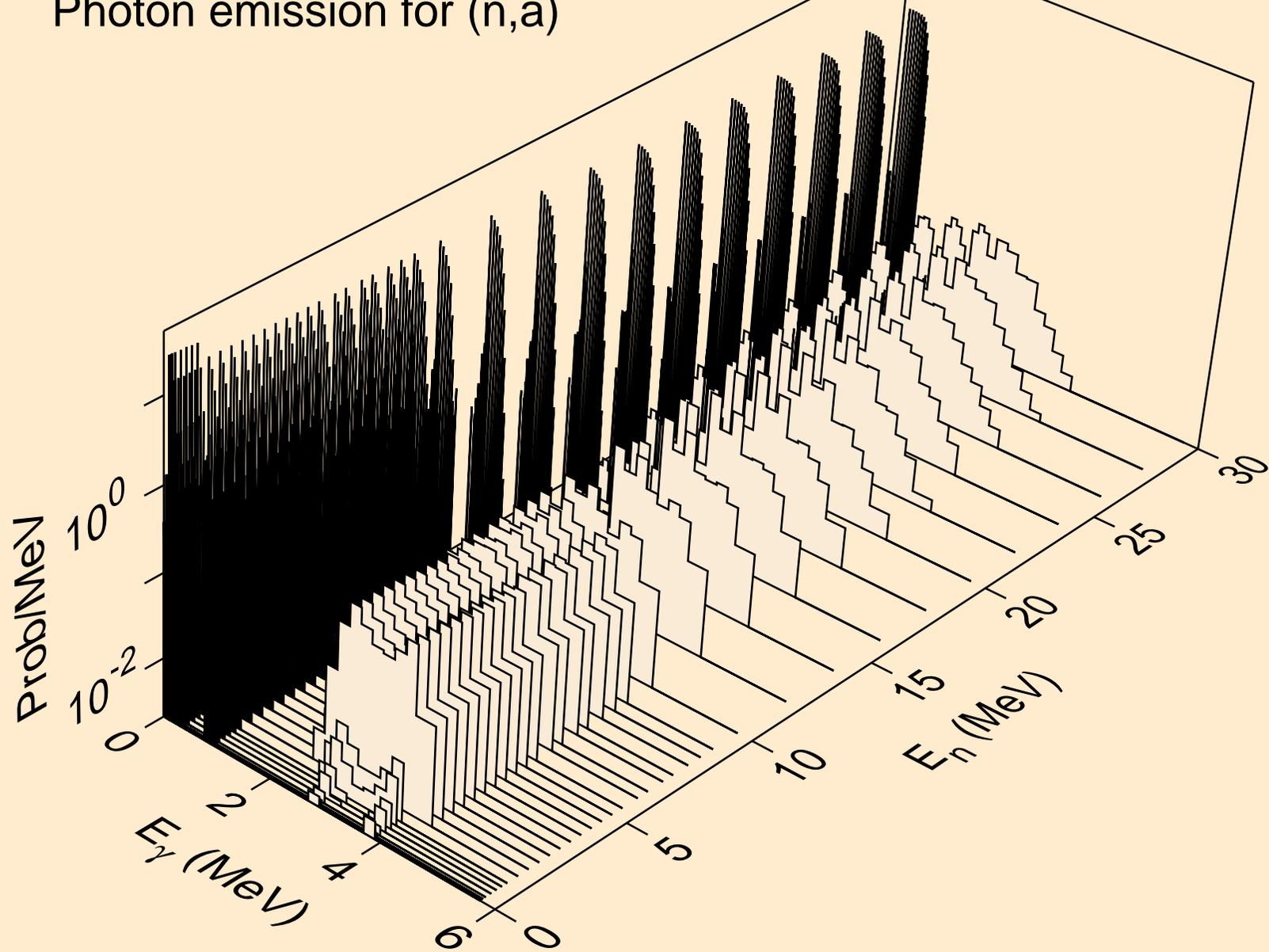
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



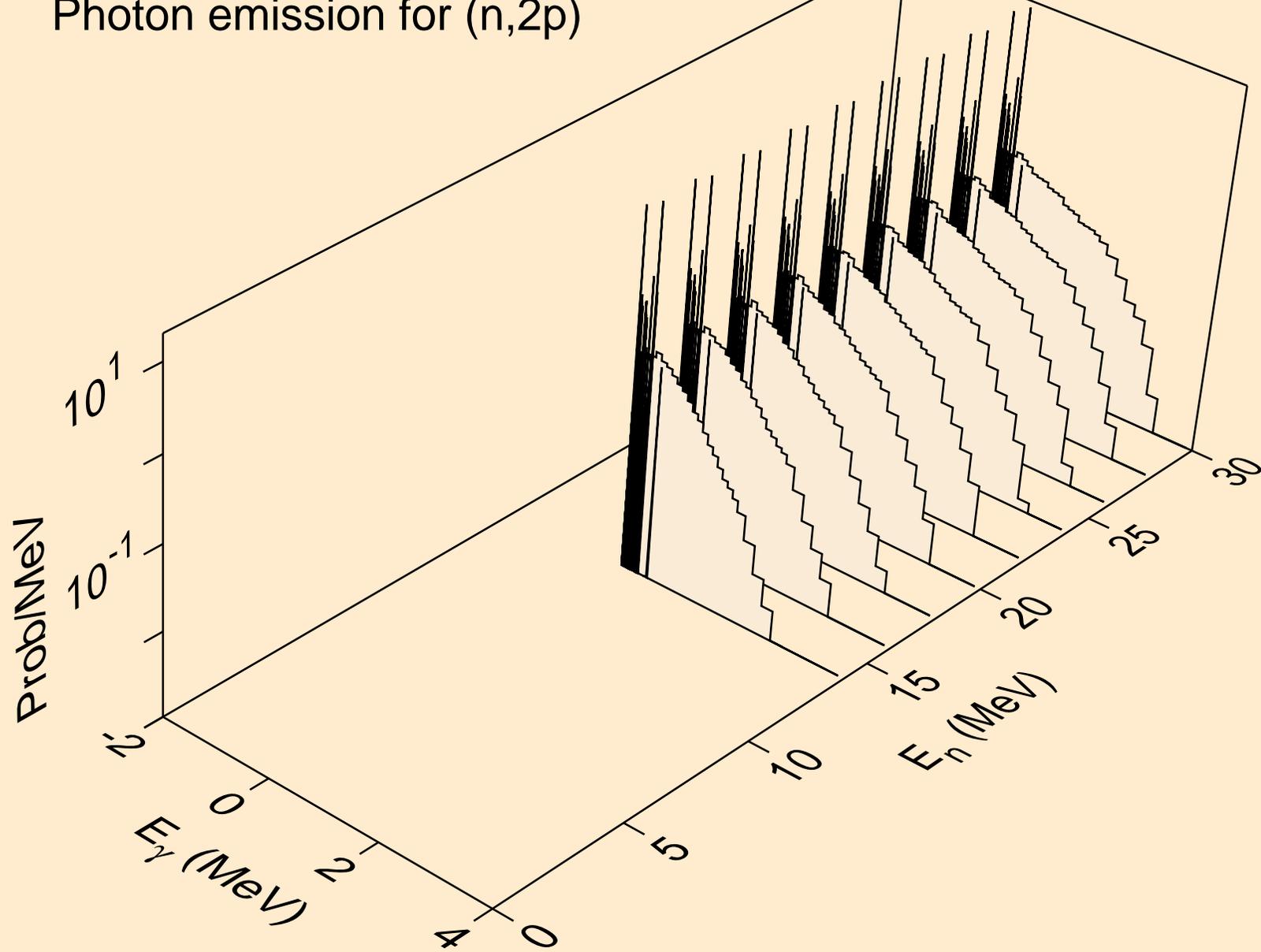
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



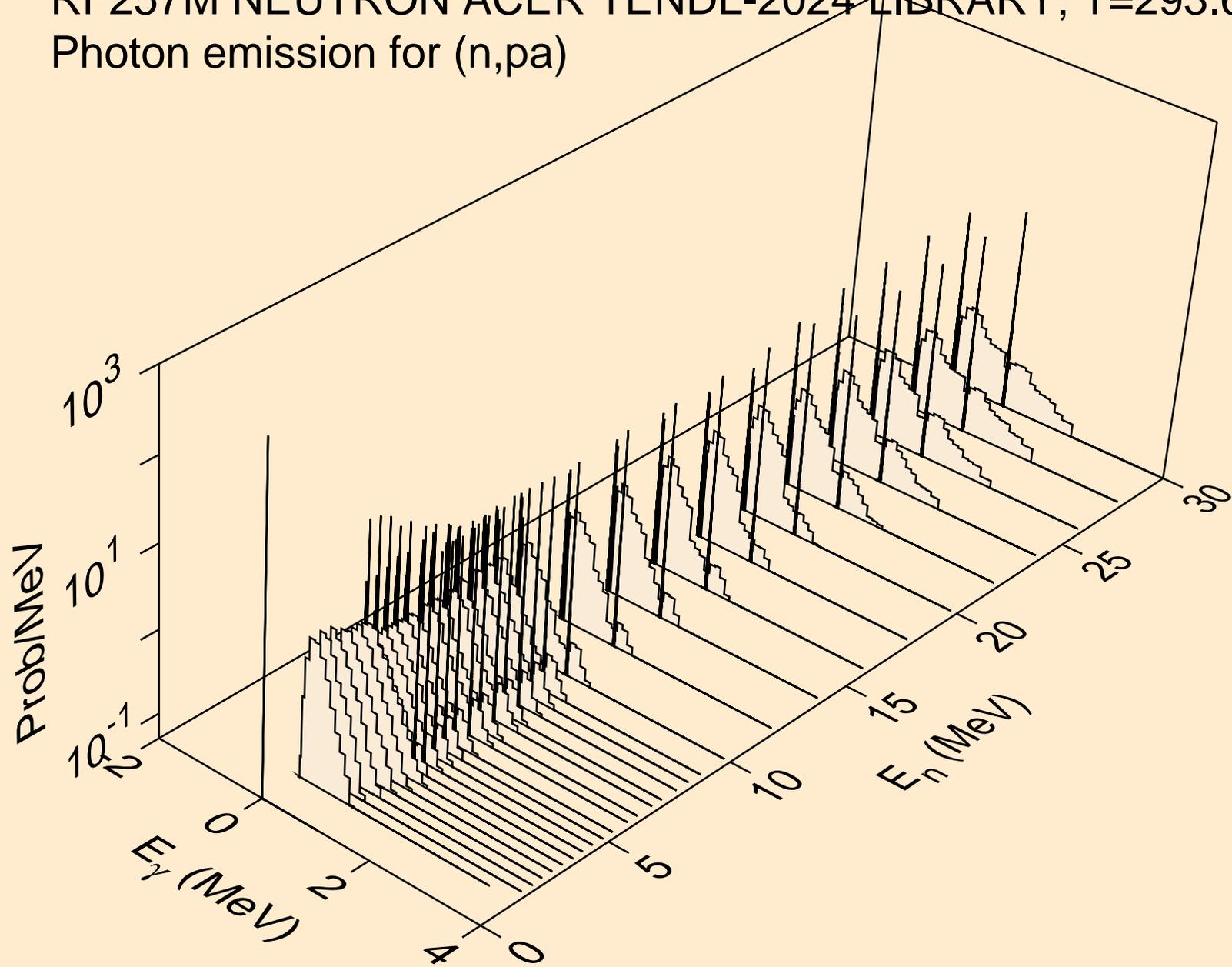
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



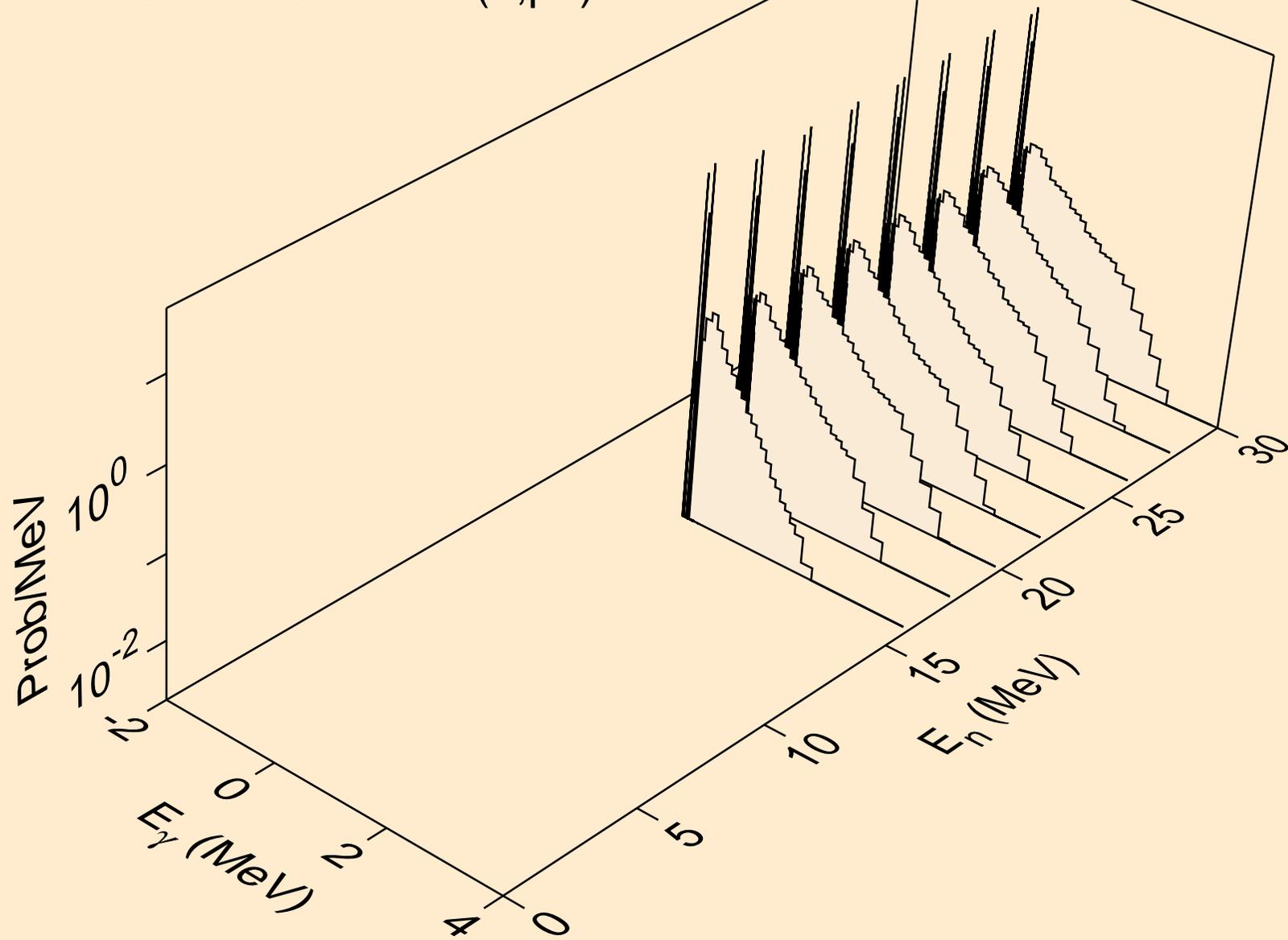
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



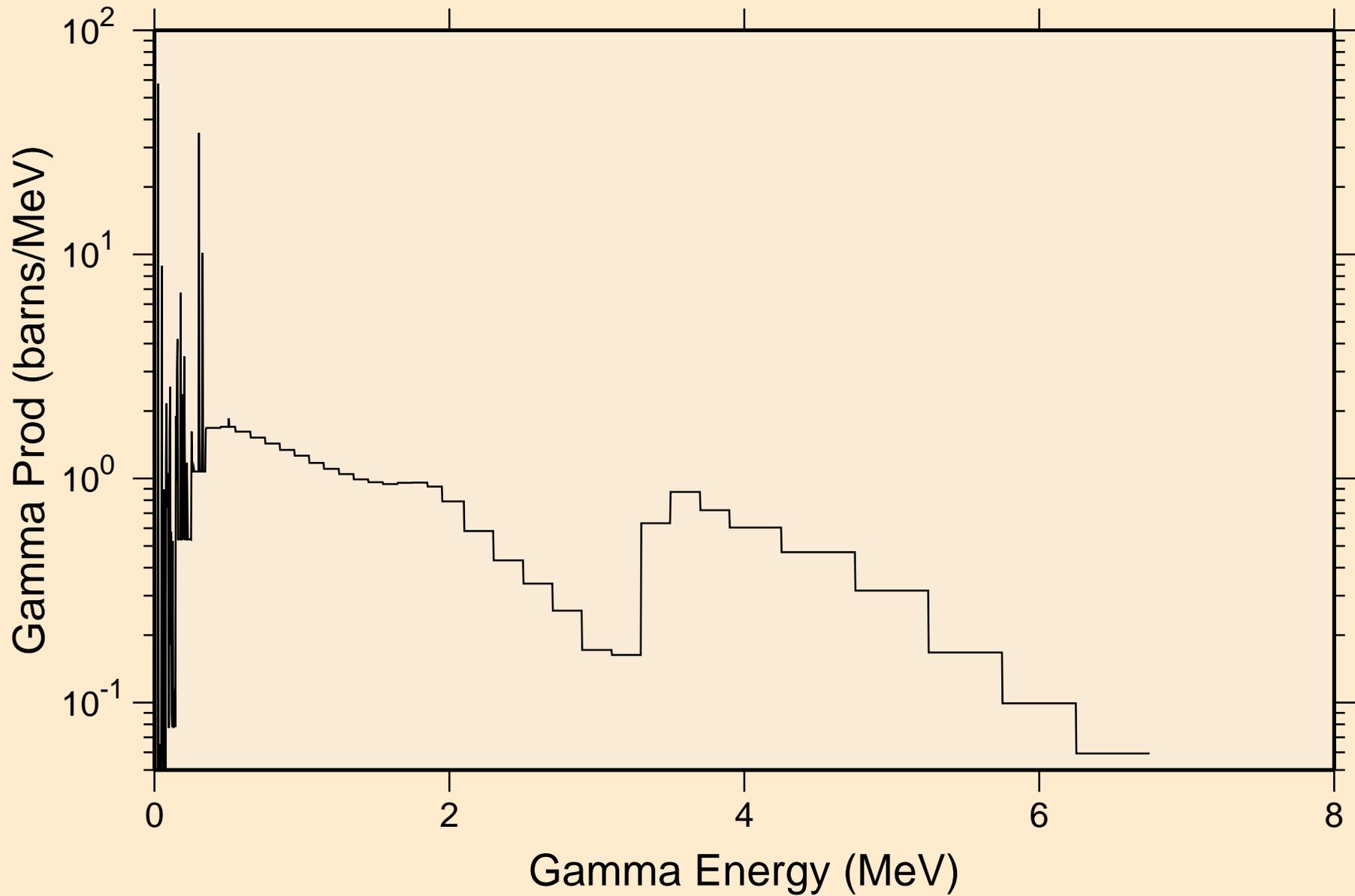
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



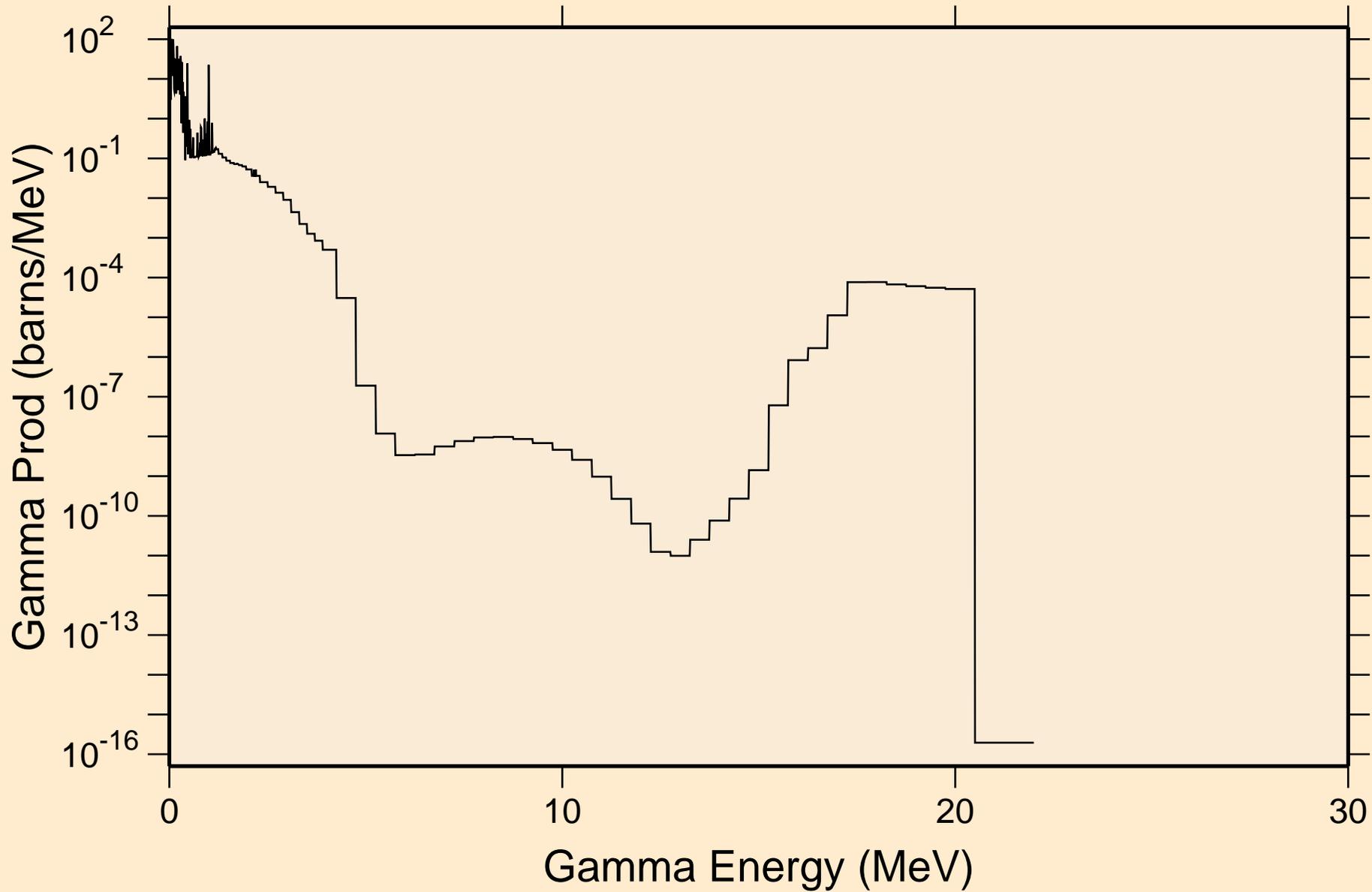
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

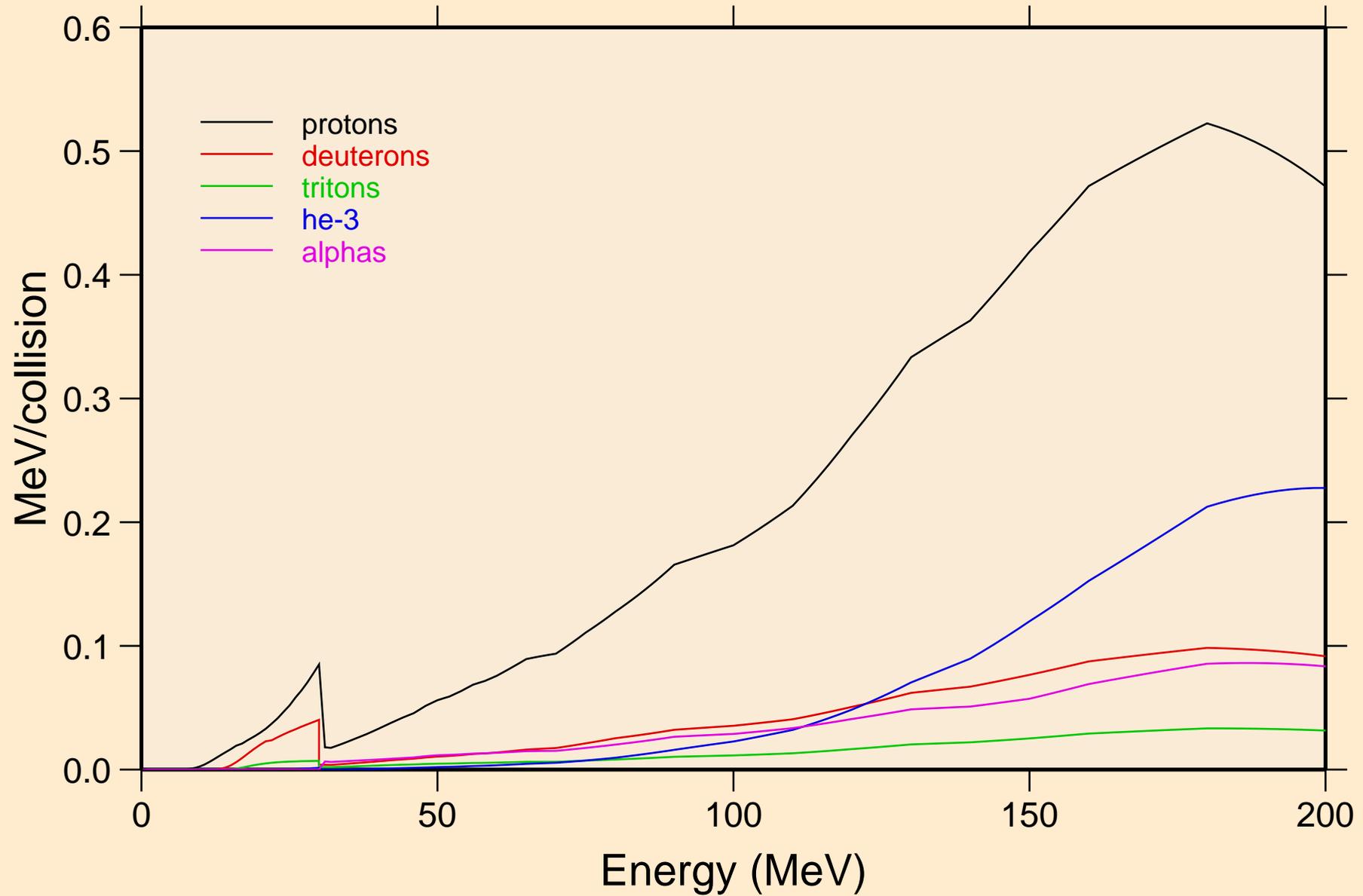


RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

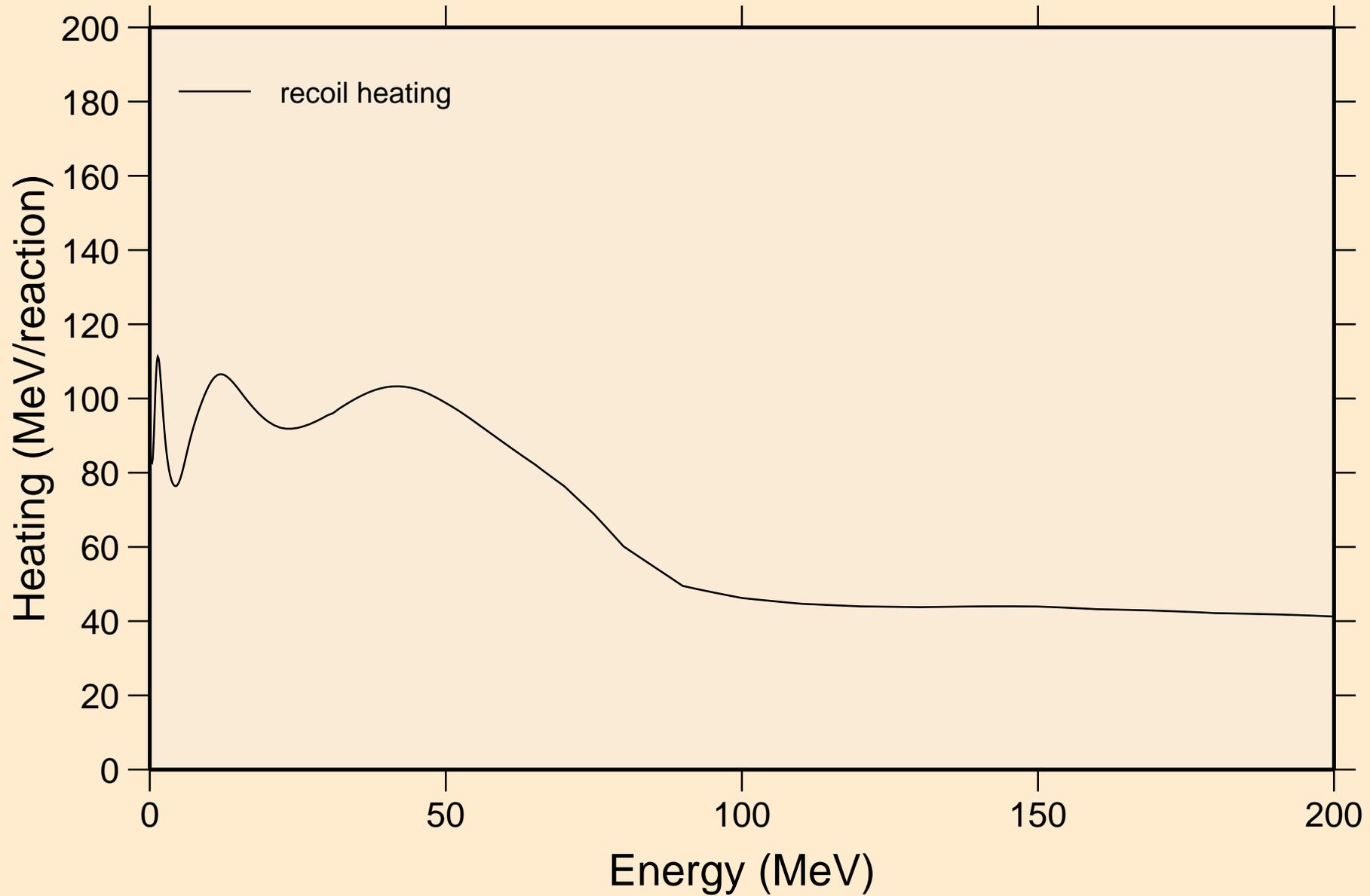


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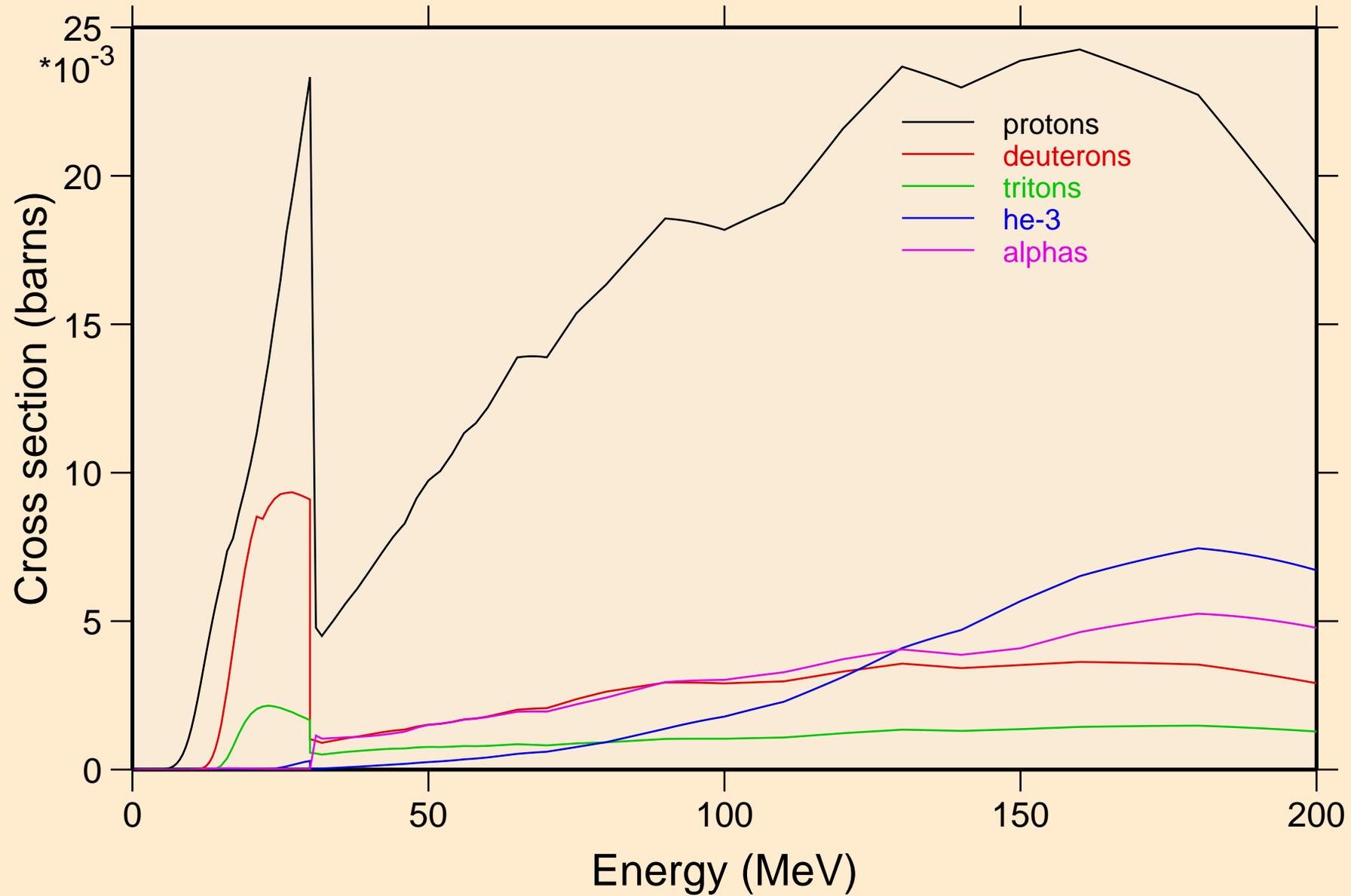
## Particle heating contributions



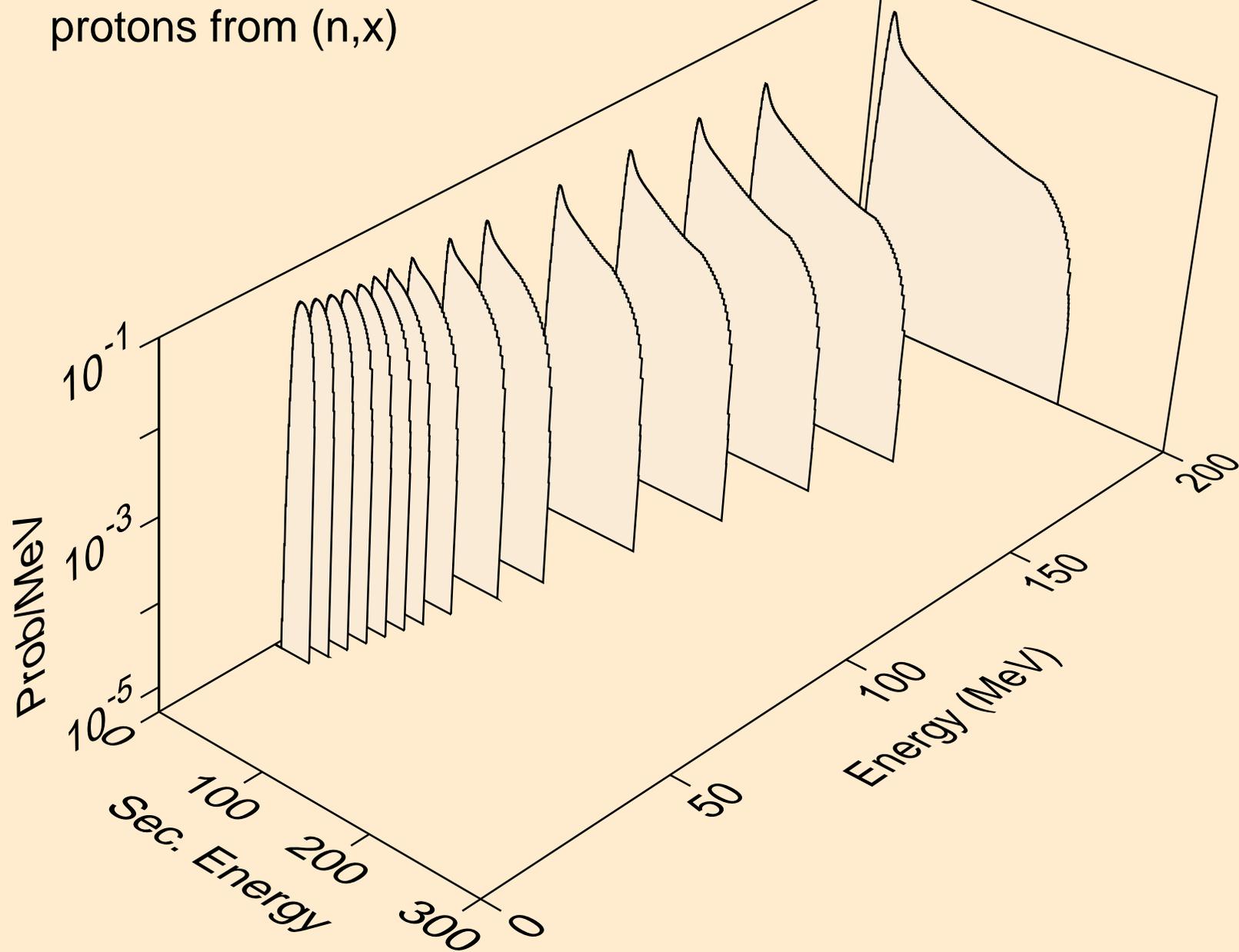
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Recoil Heating



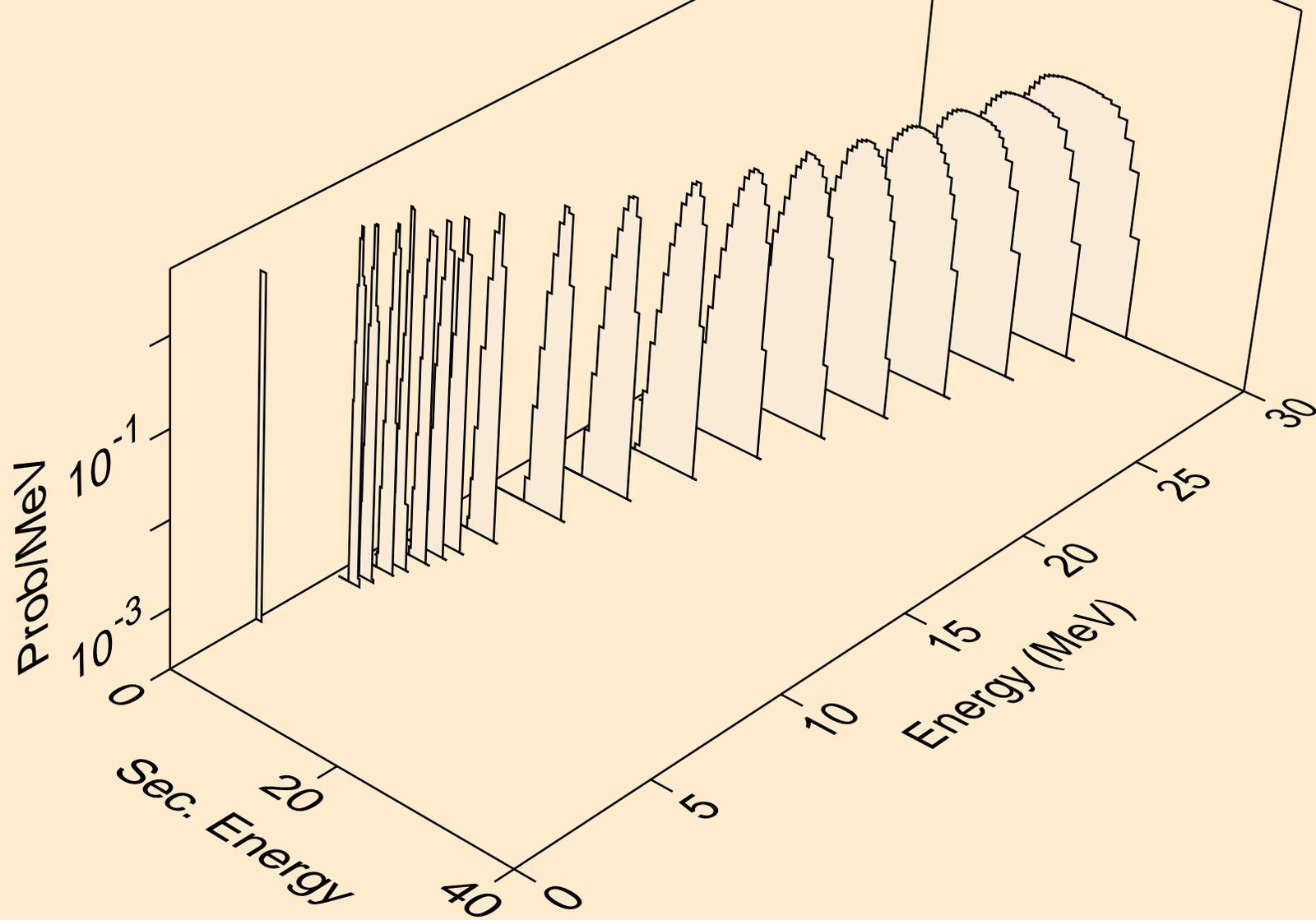
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Particle production cross sections



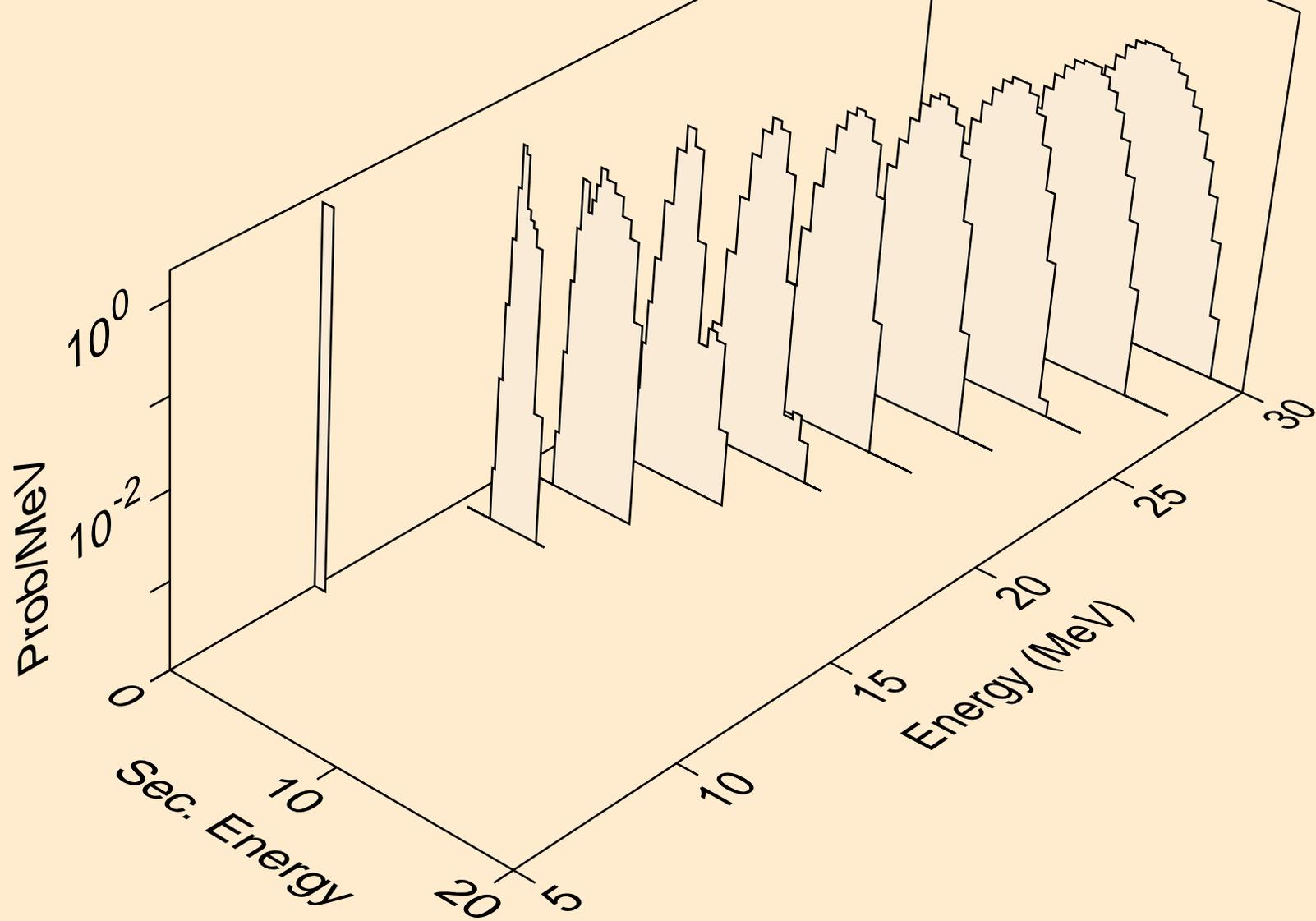
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



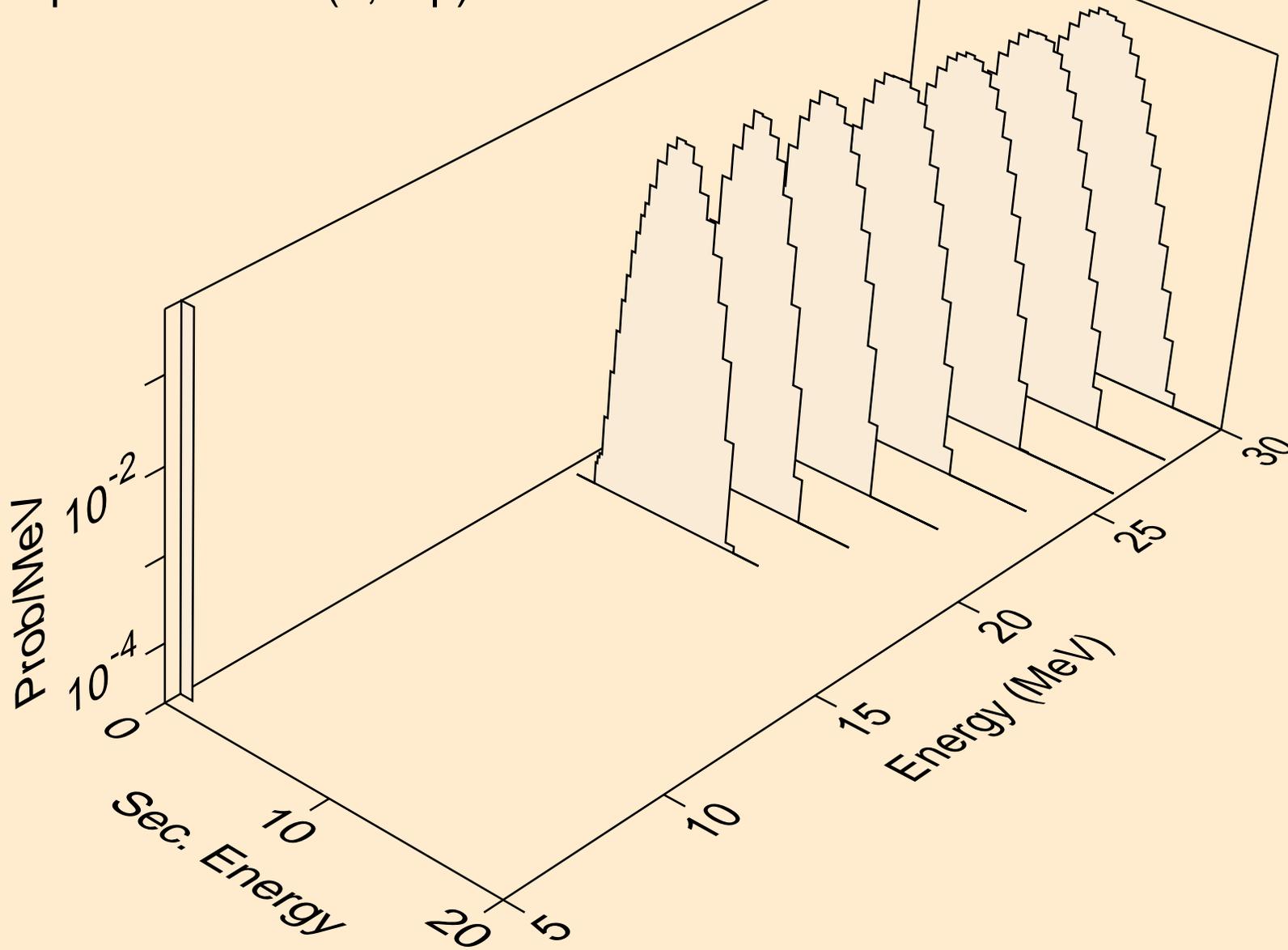
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protons from (n,n\*)p



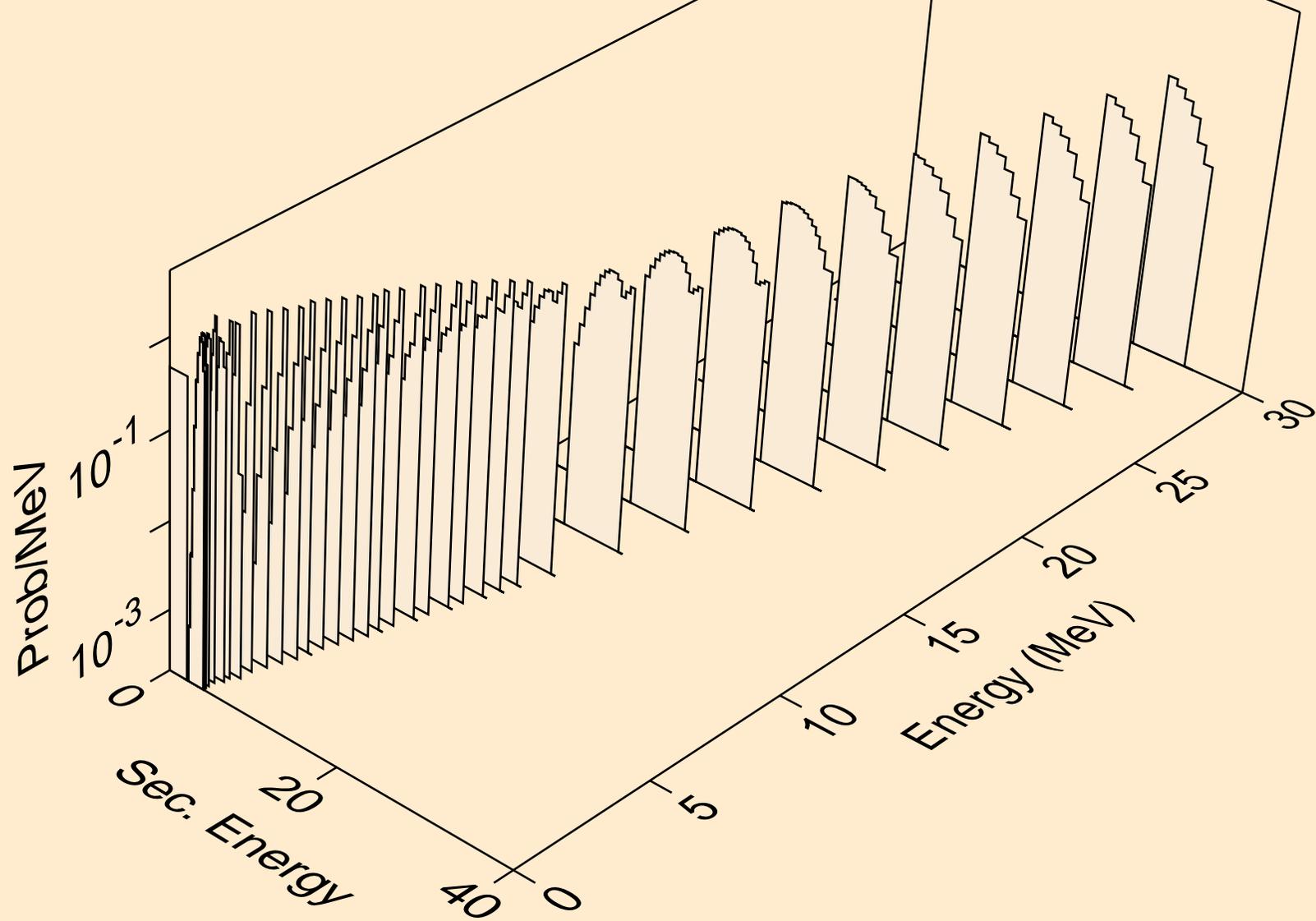
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protons from (n,2np)



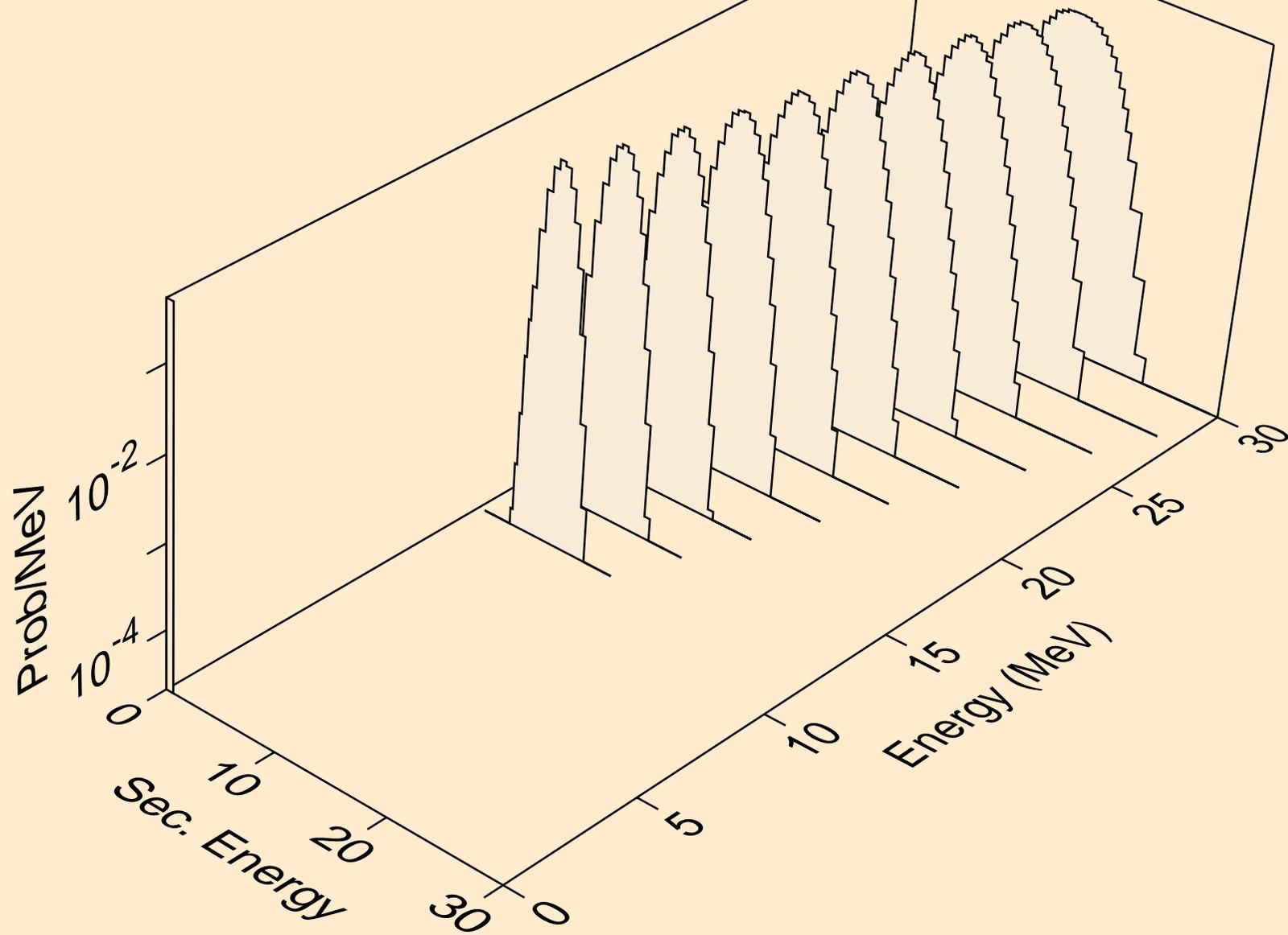
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protons from (n,n2p)



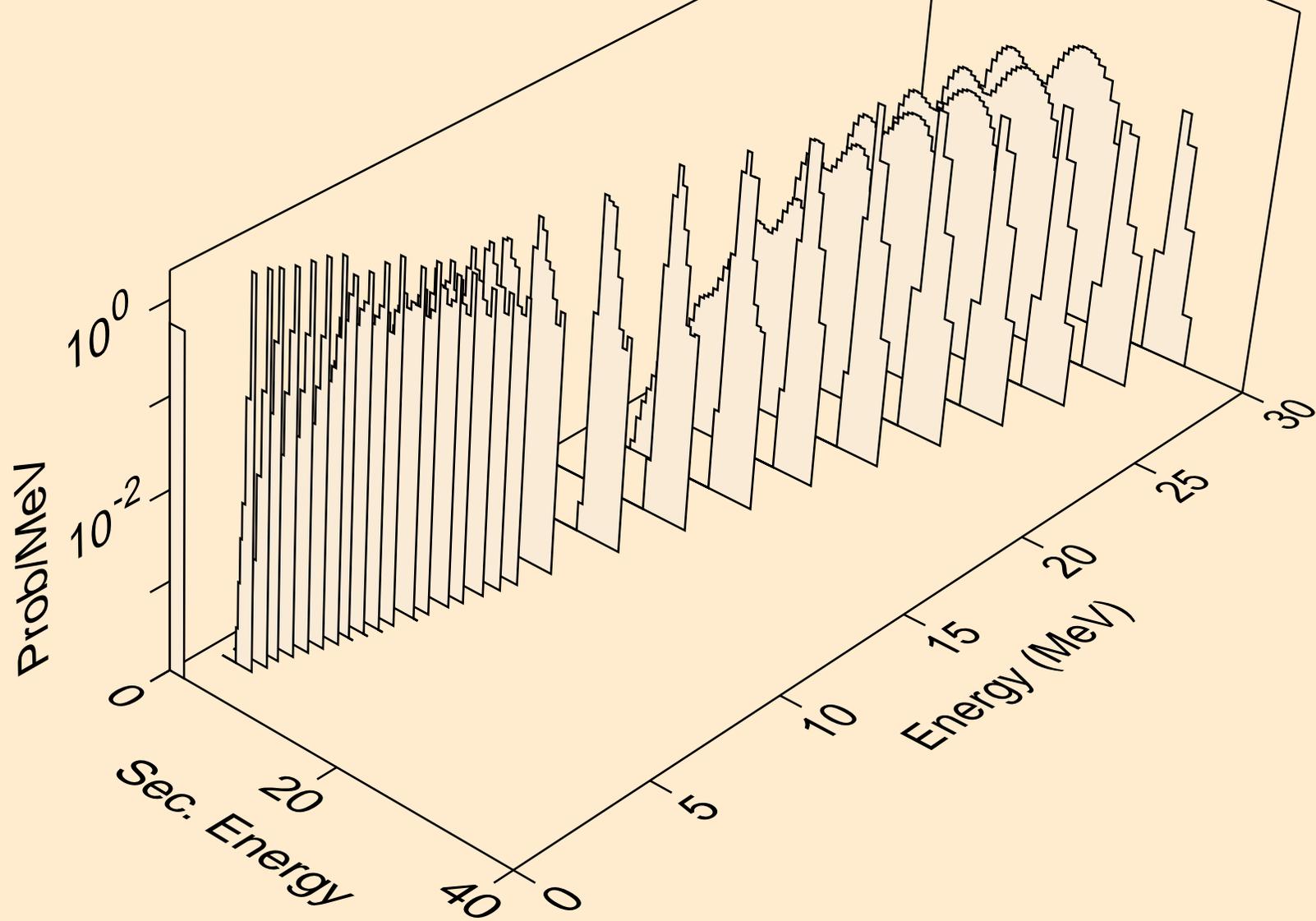
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protons from (n,p)



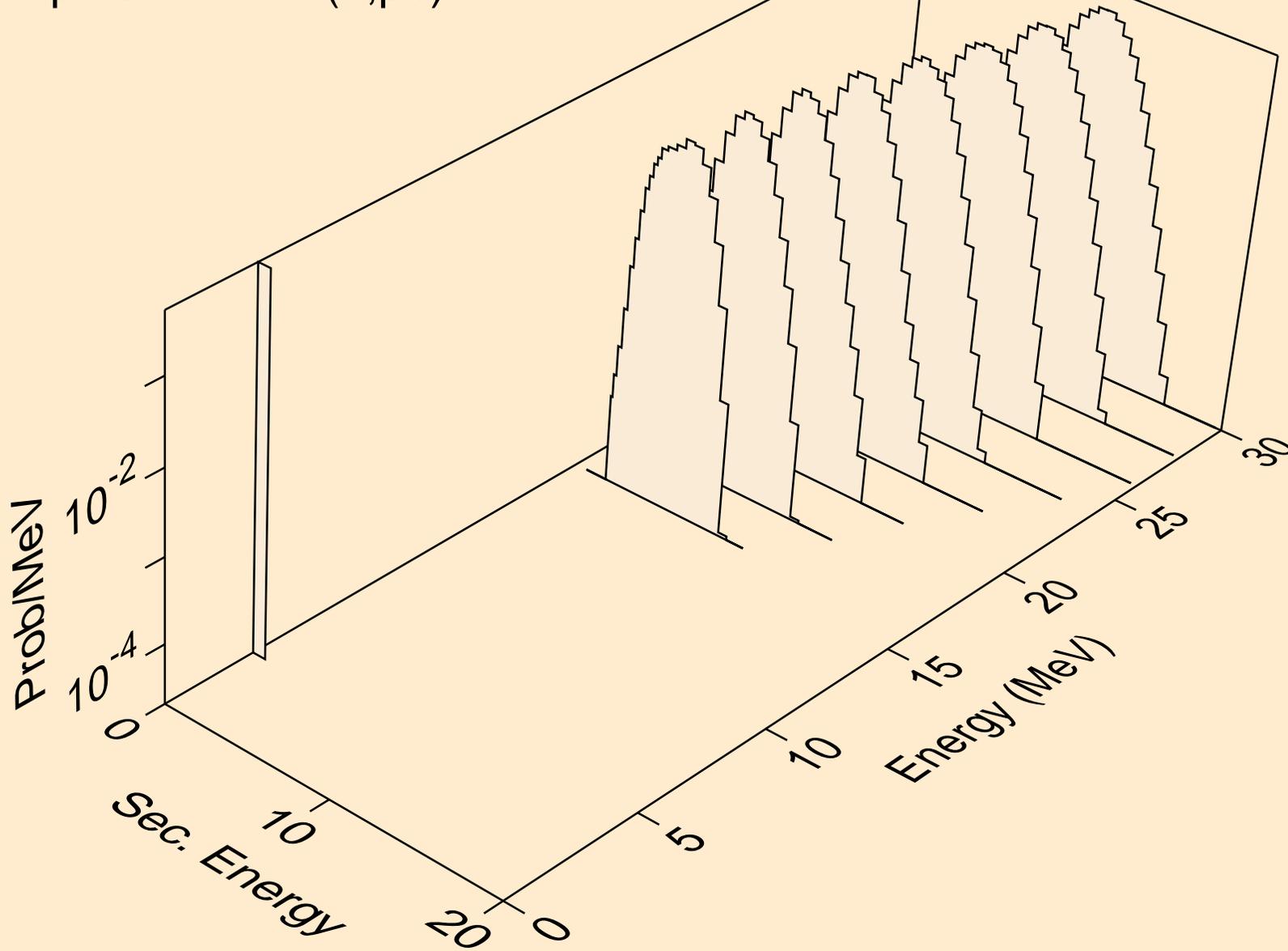
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protons from (n,2p)



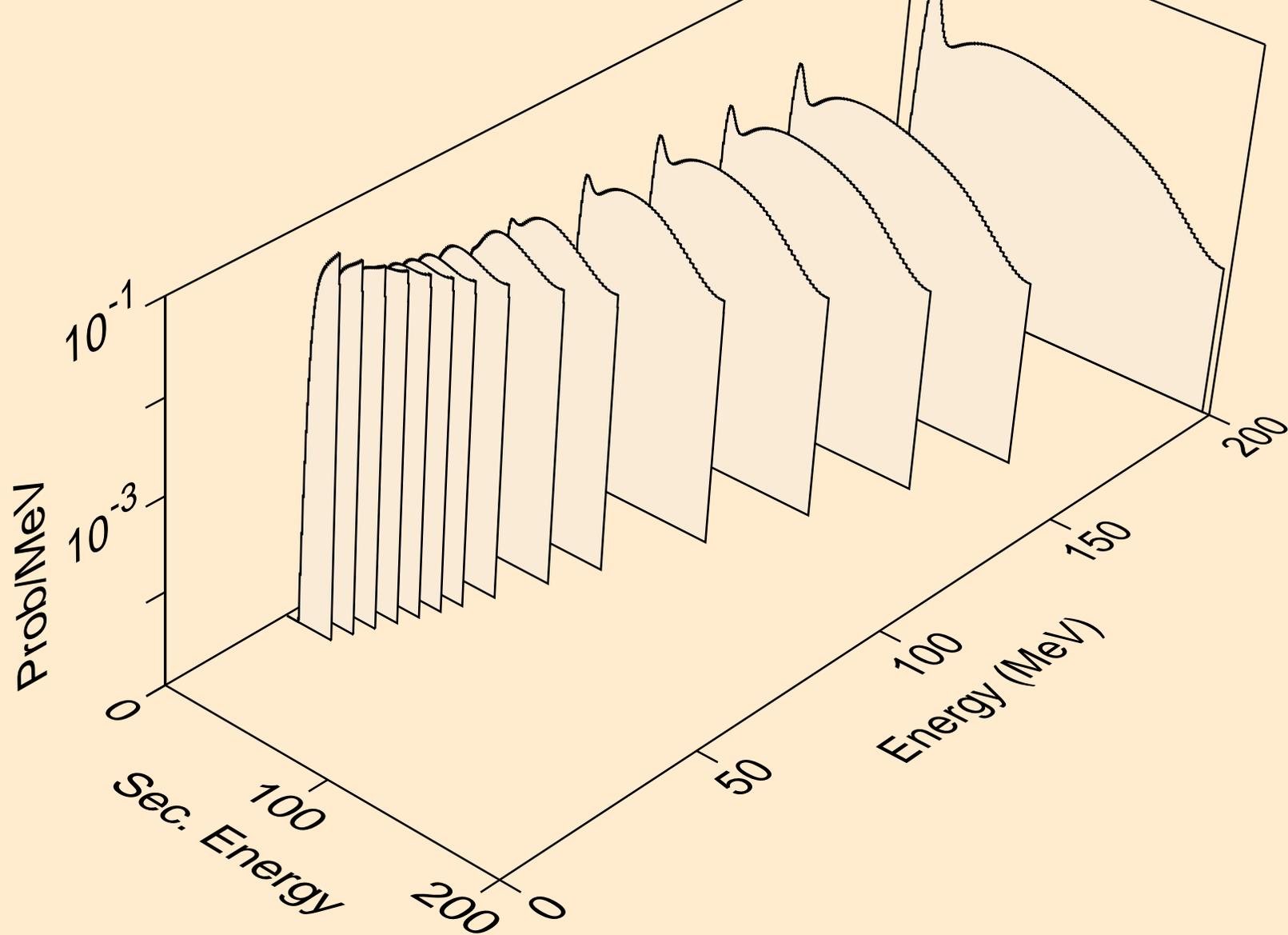
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protons from (n,p)



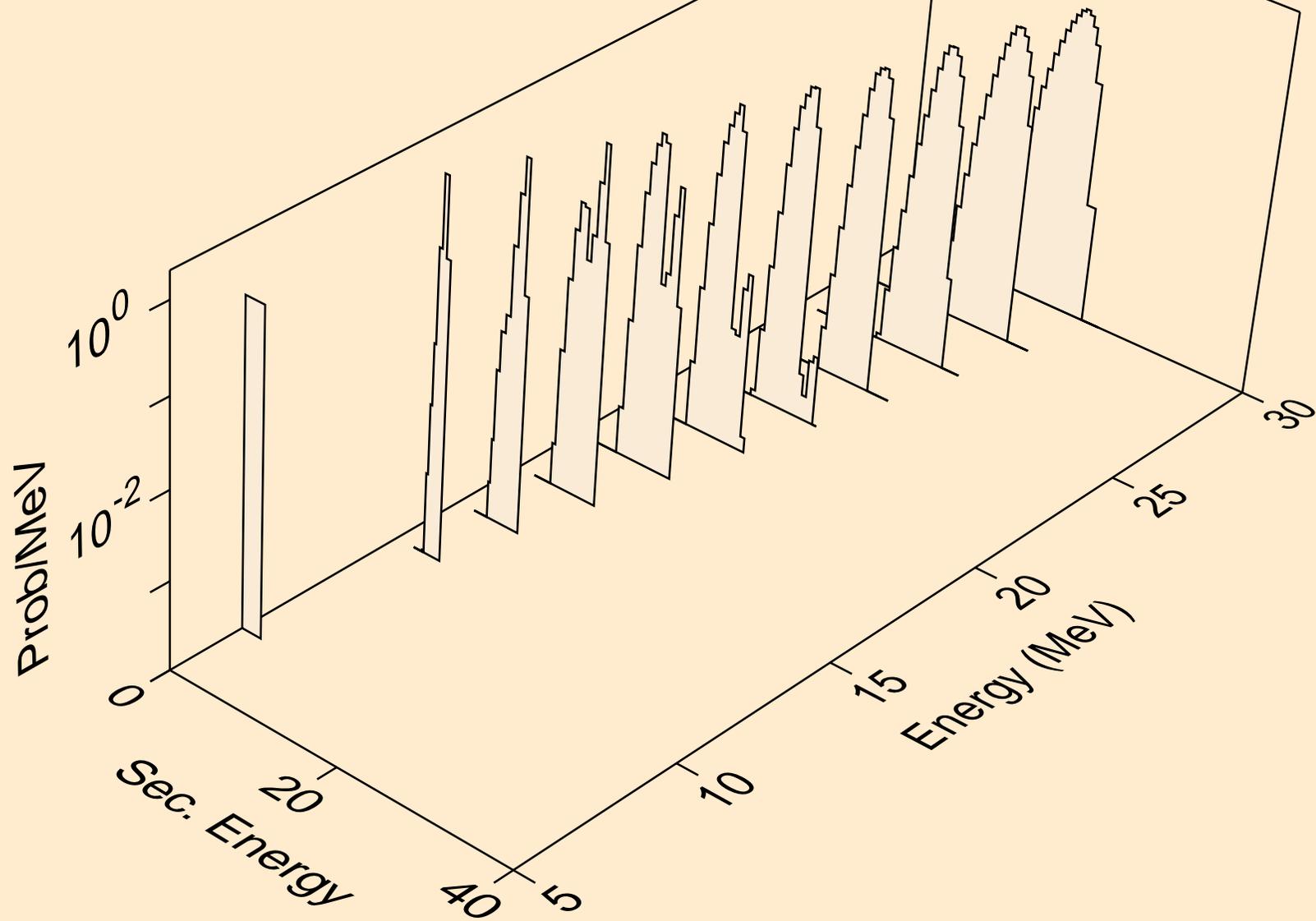
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protons from (n,pd)



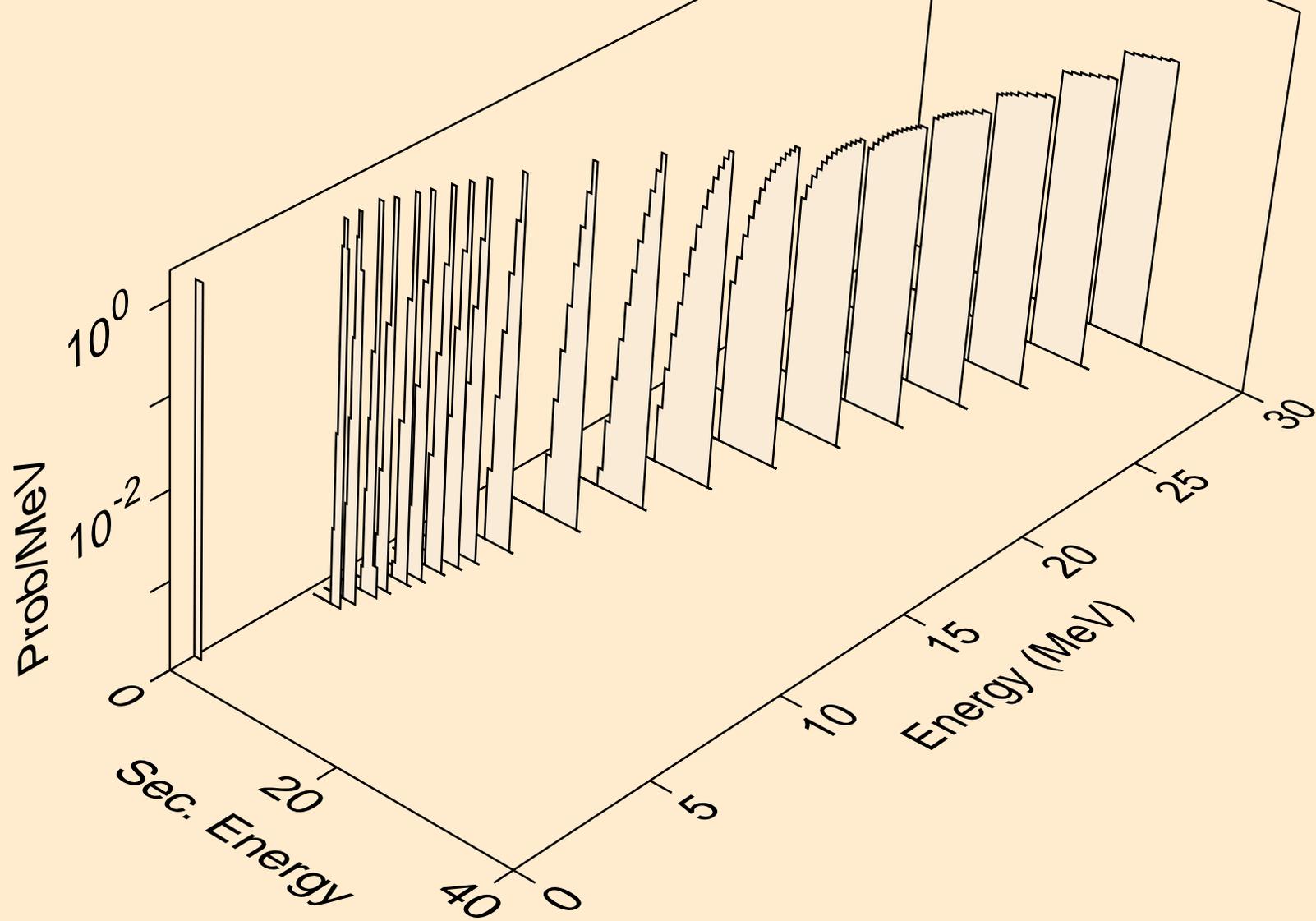
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



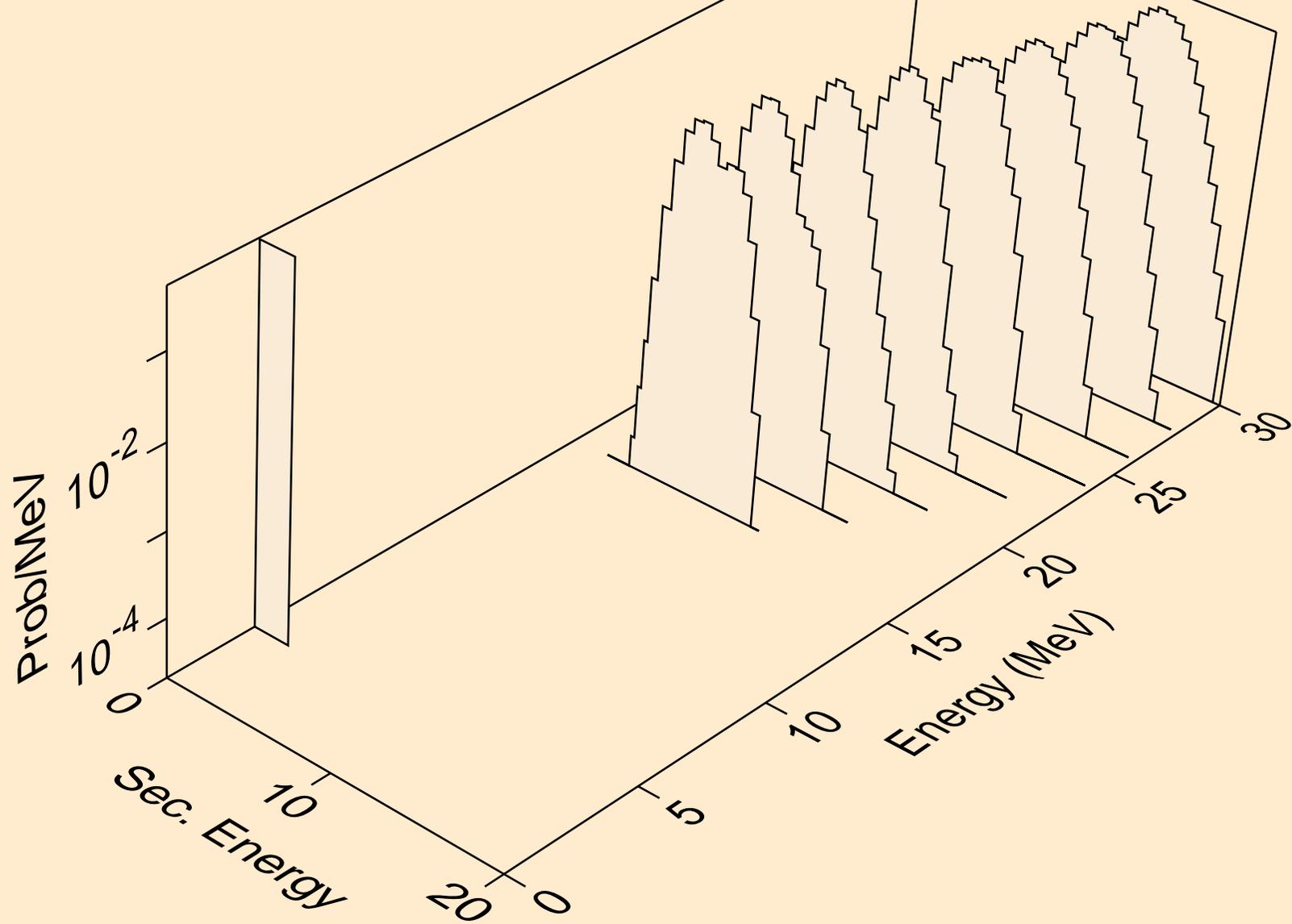
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



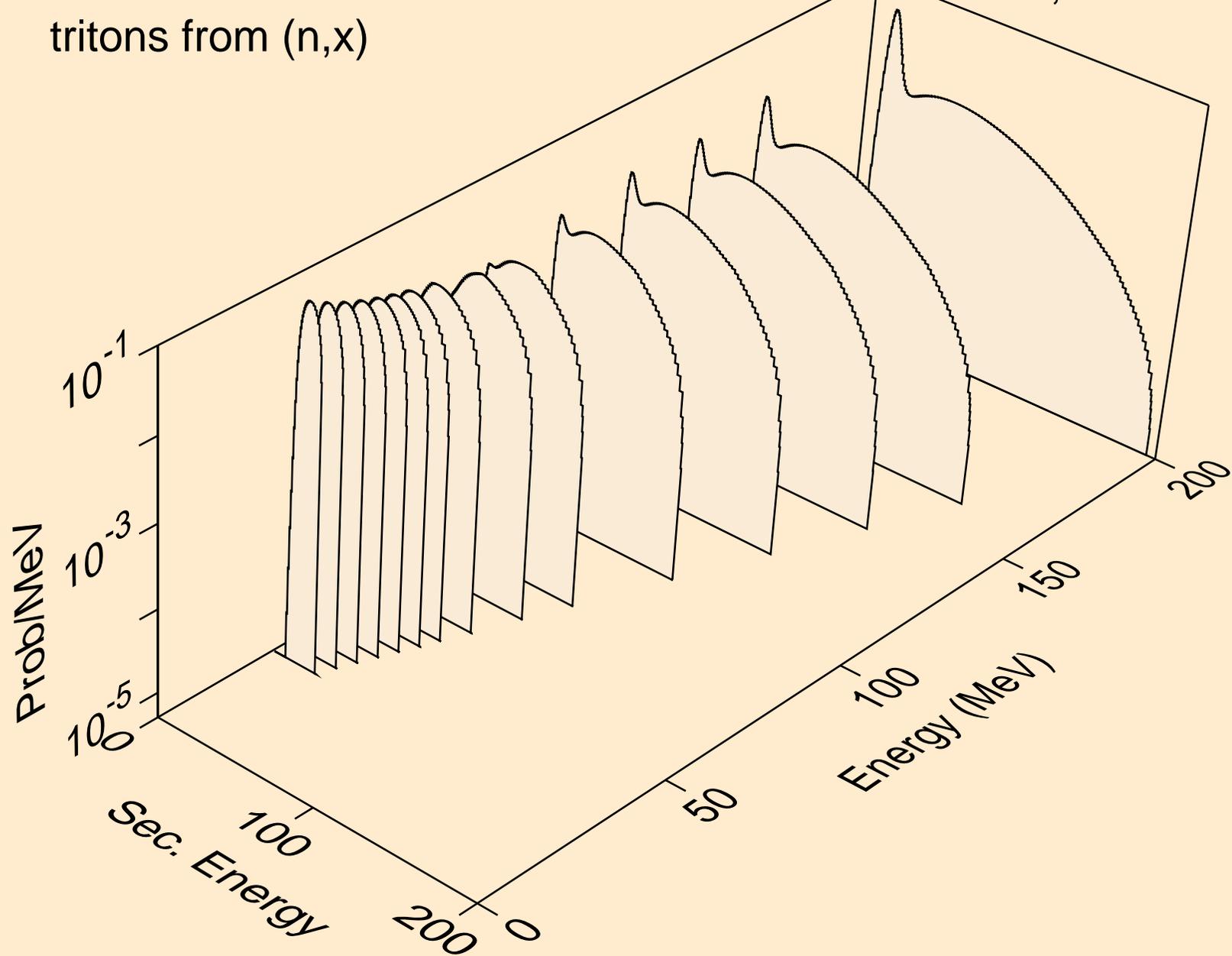
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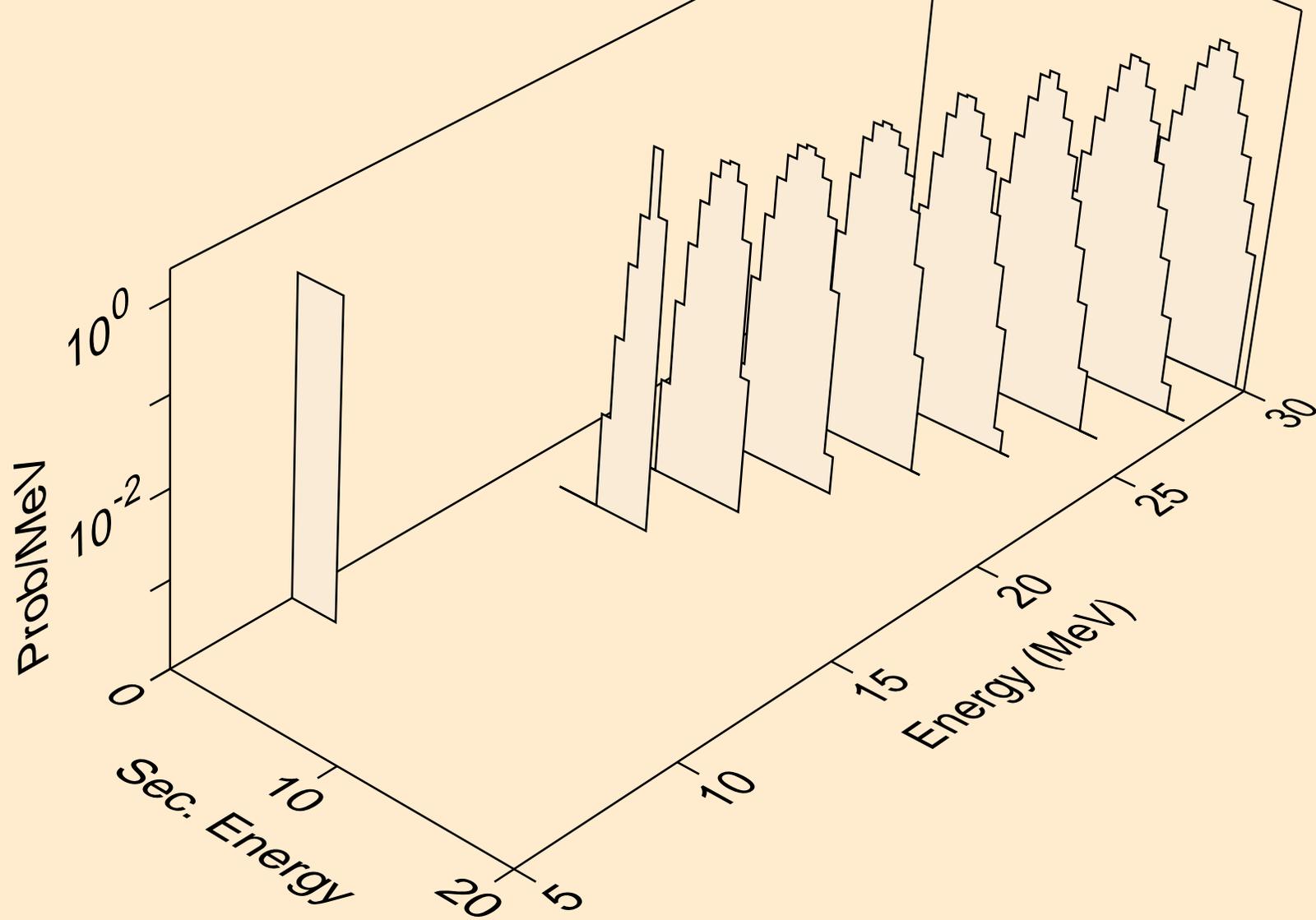
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deuterons from (n,pd)



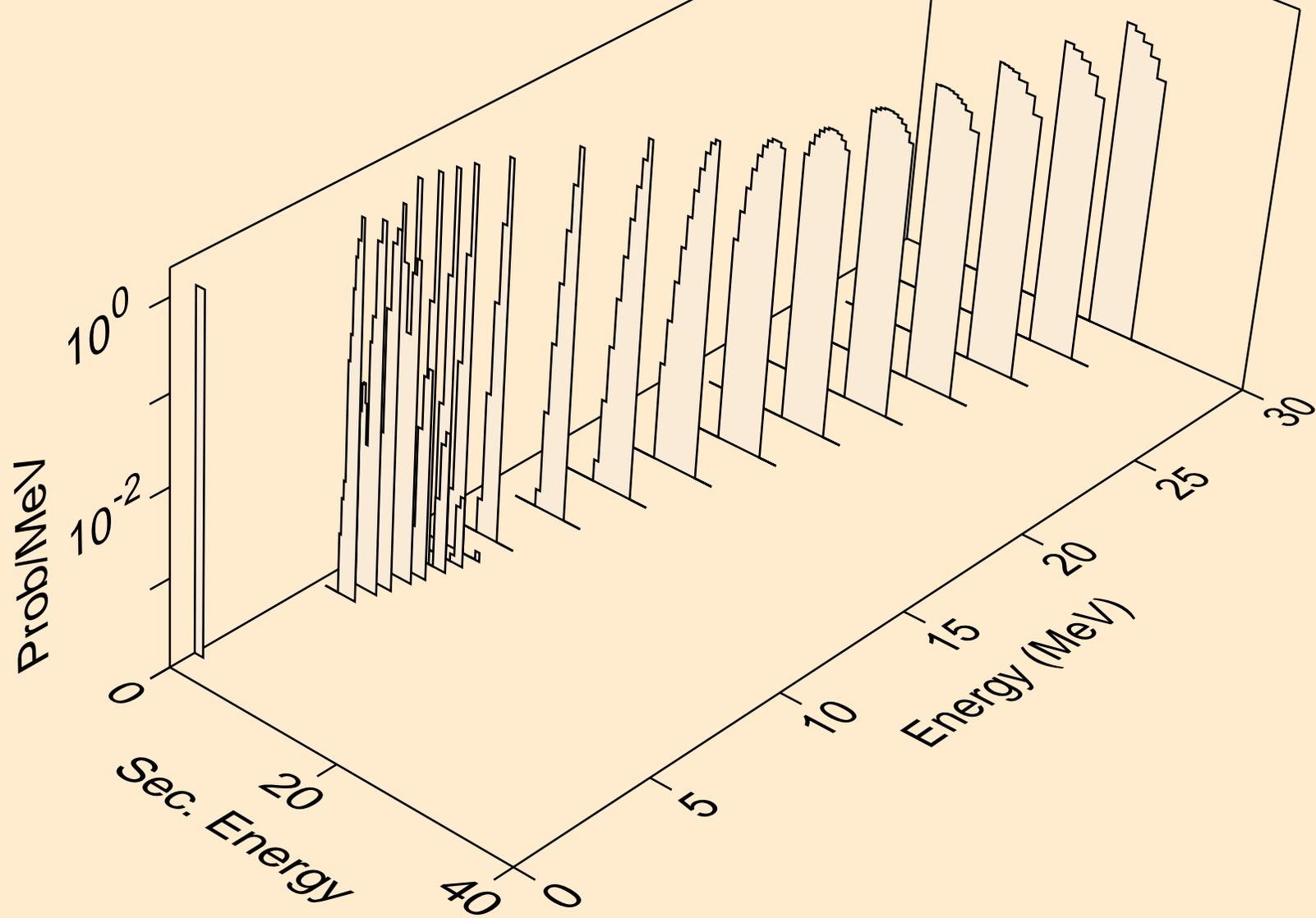
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



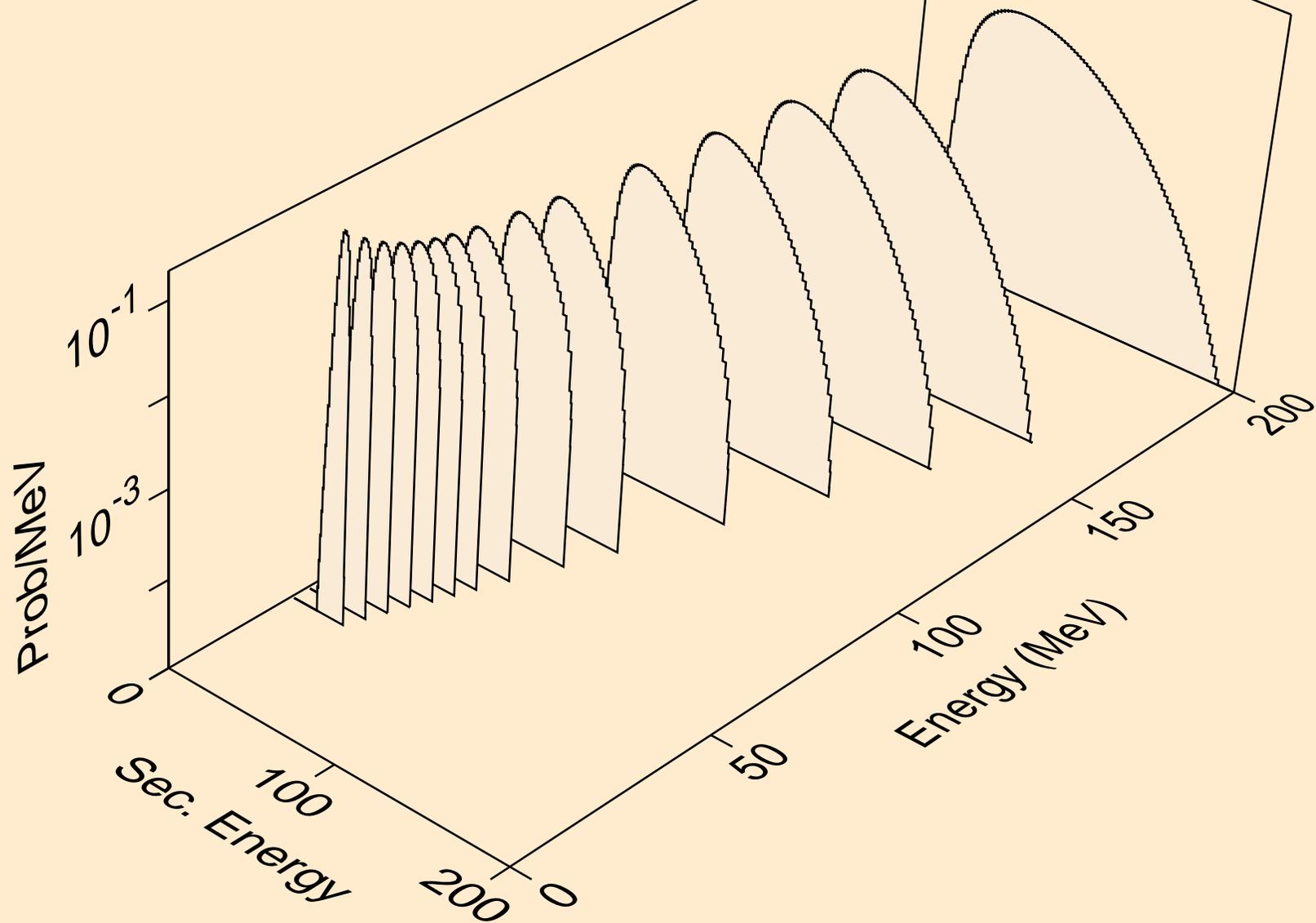
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



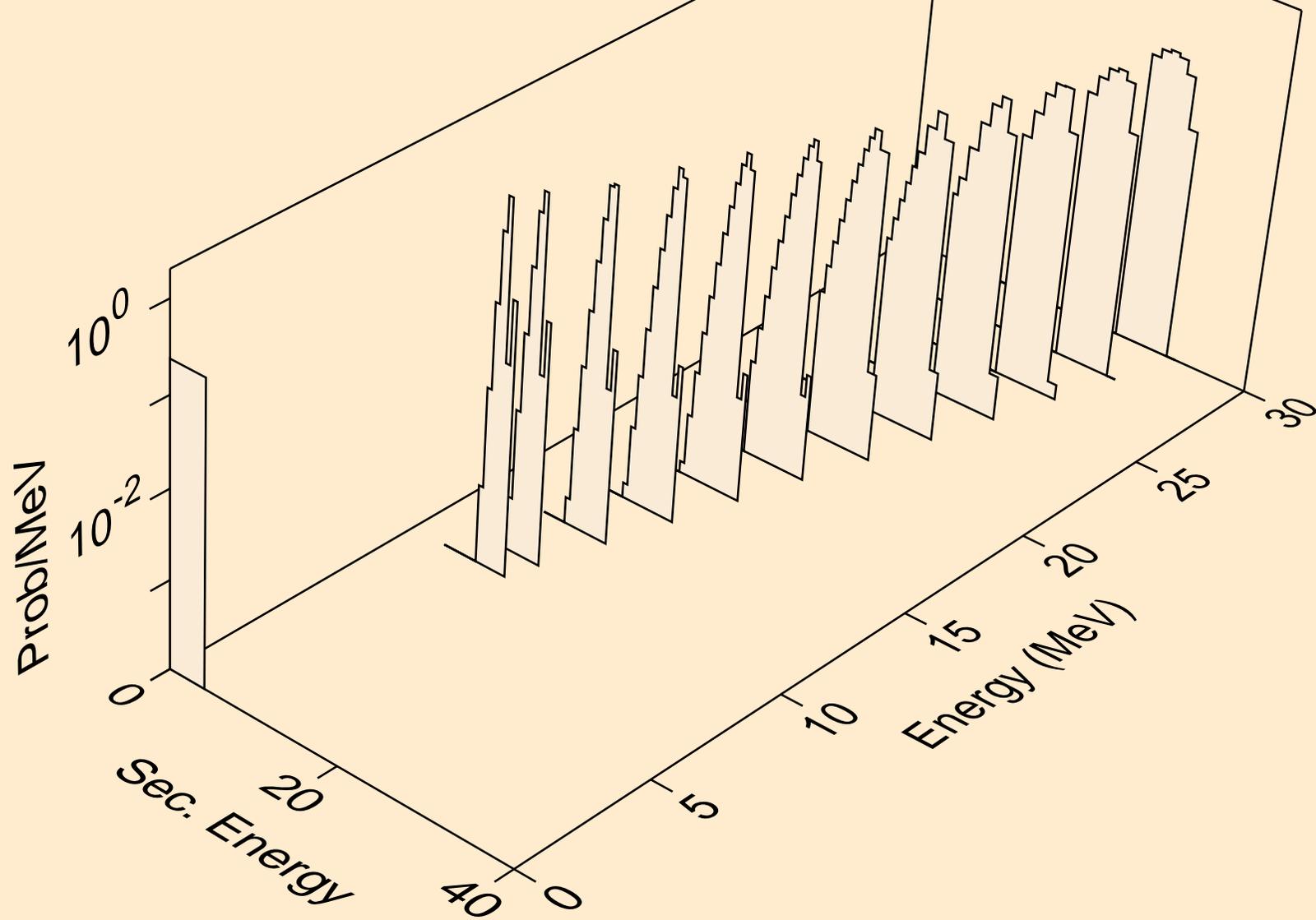
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tritons from (n,t)



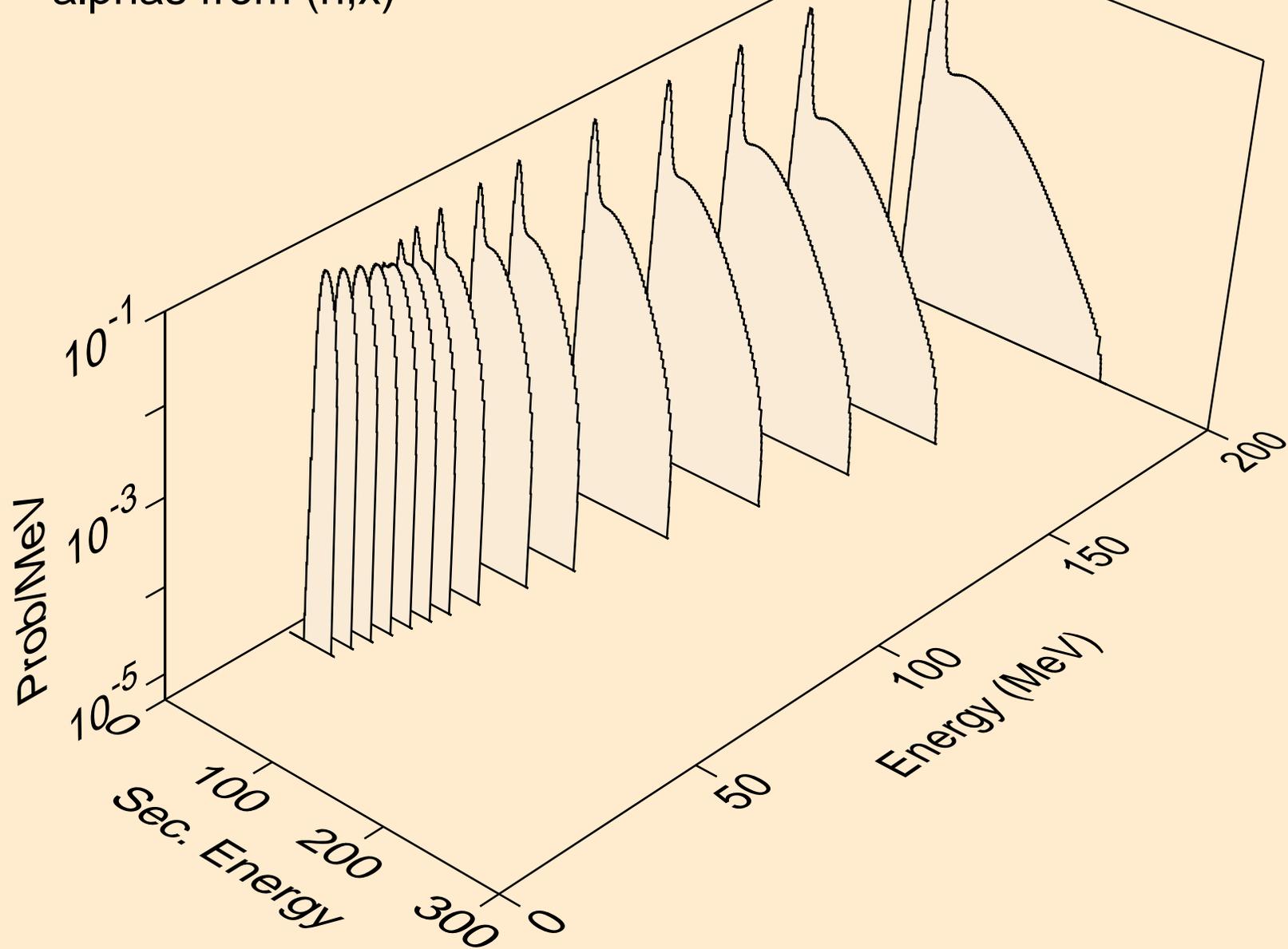
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he3s from (n,x)



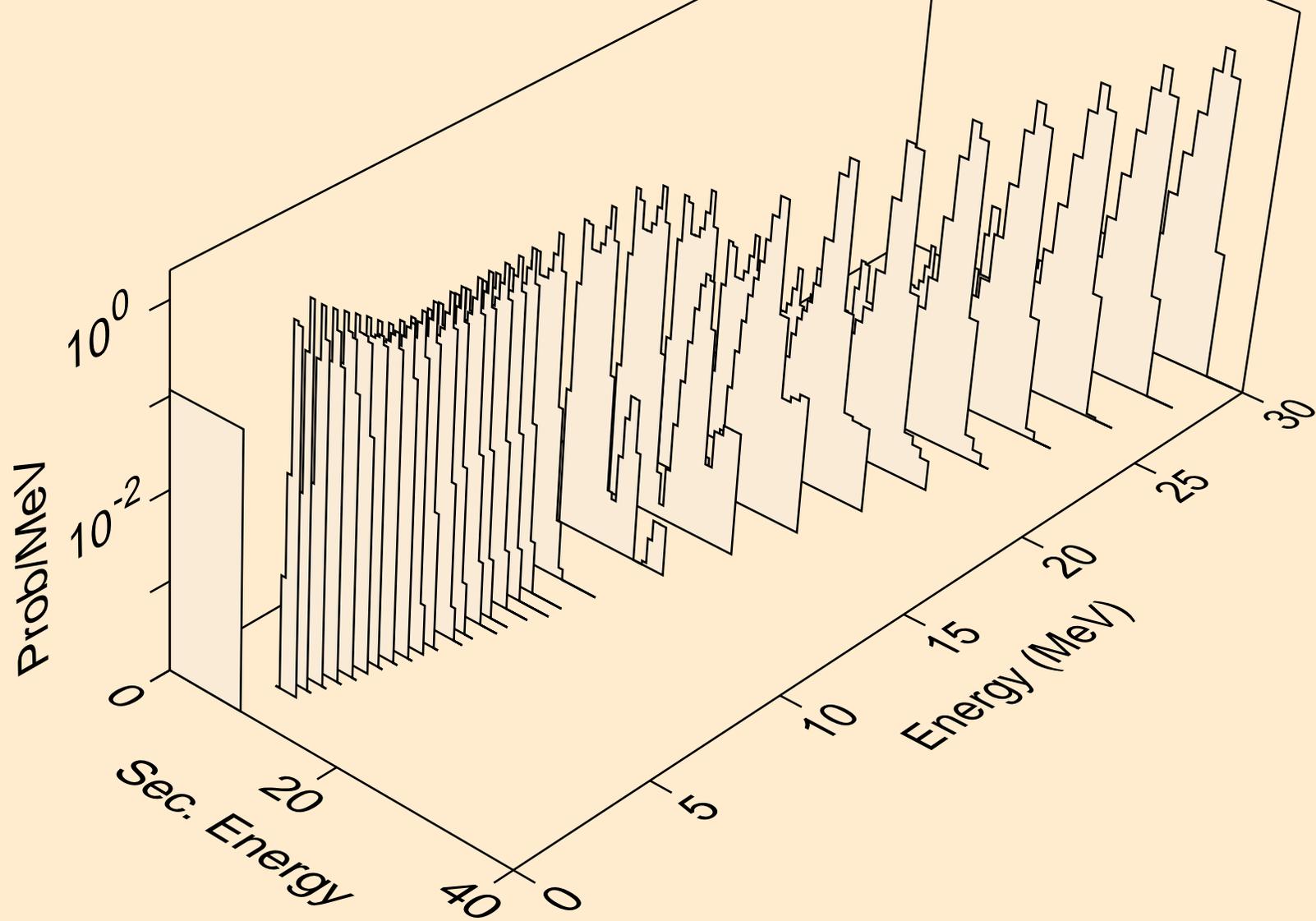
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he3s from (n,he3)



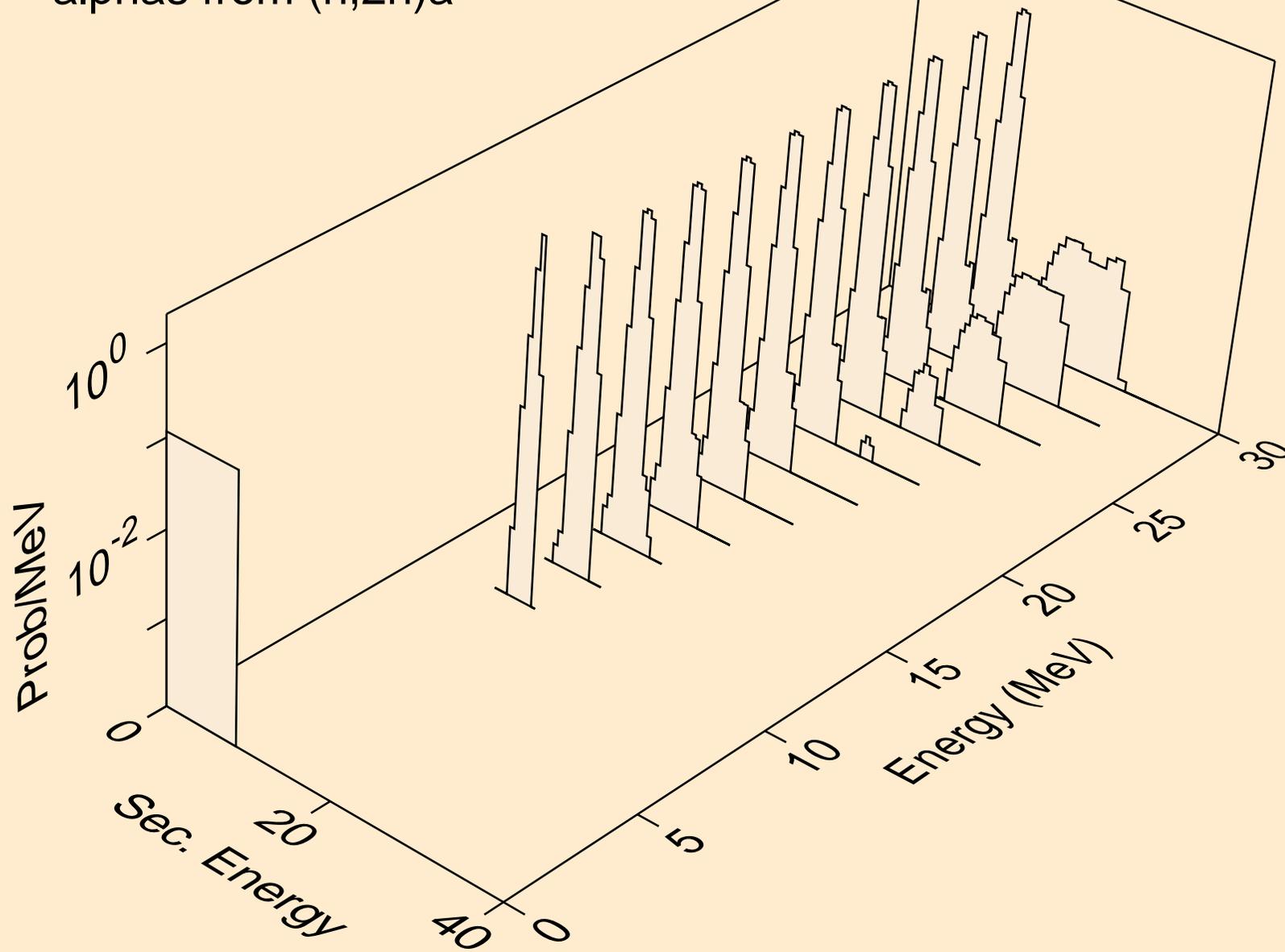
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



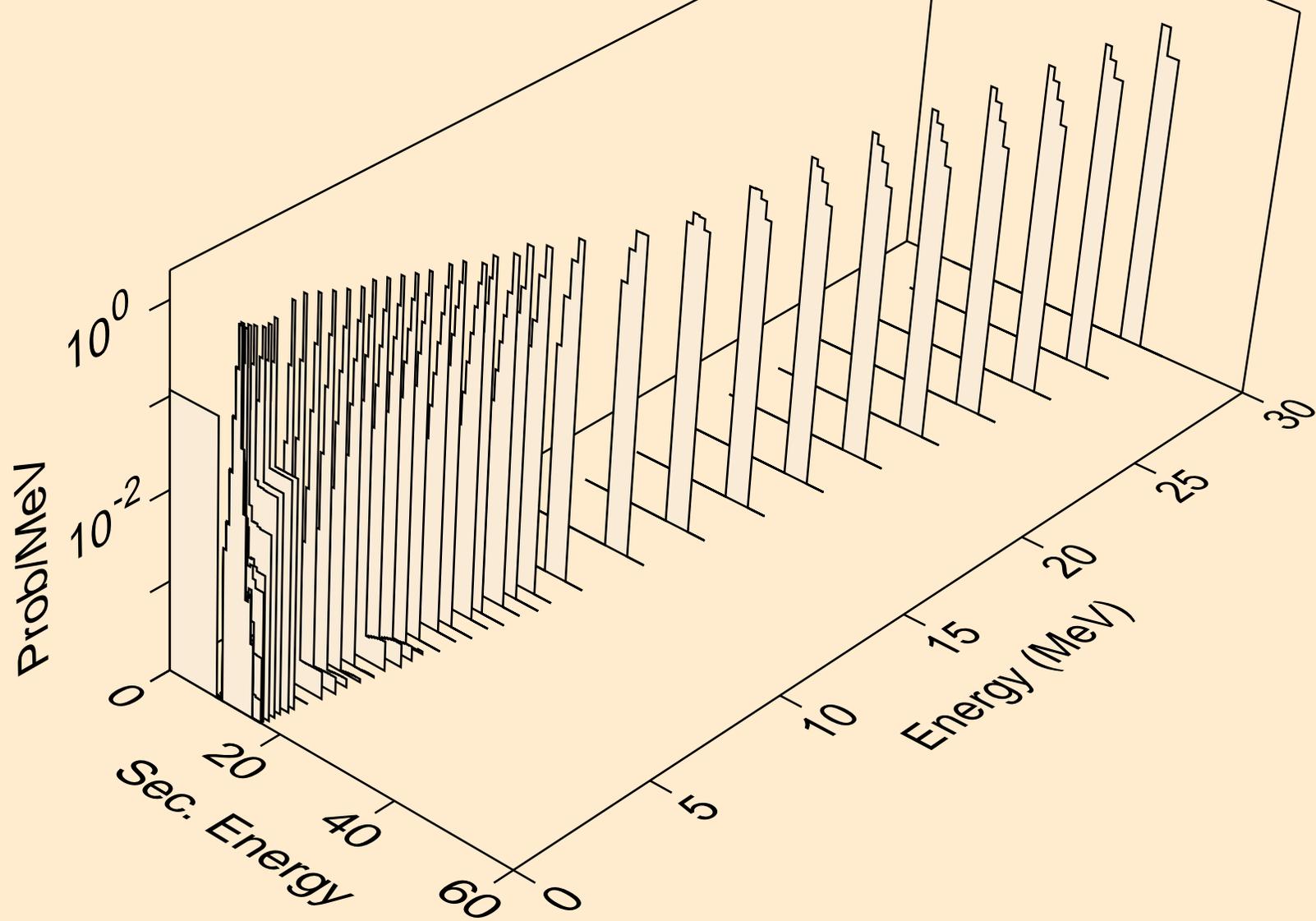
RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



RF257M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)

