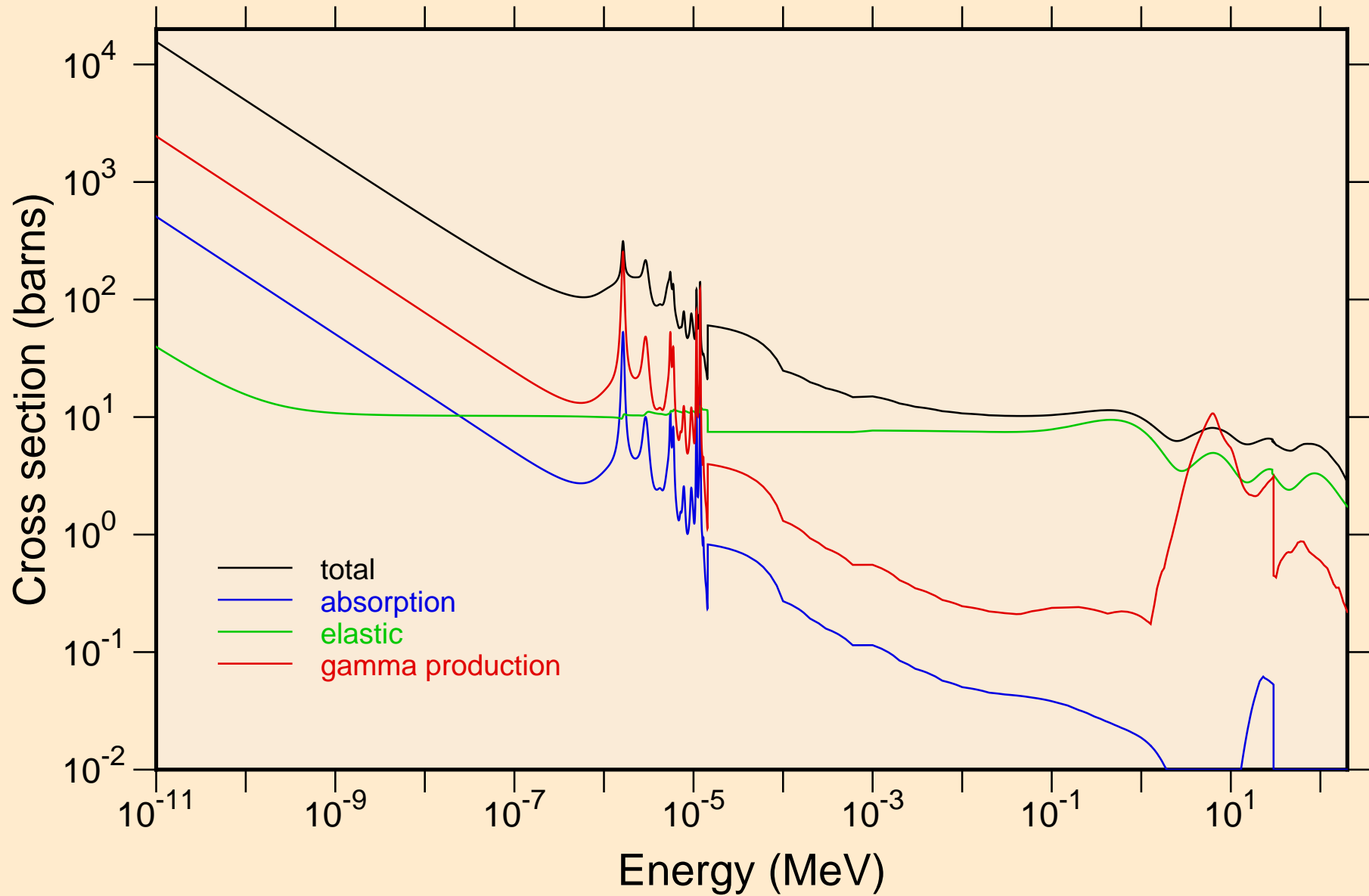
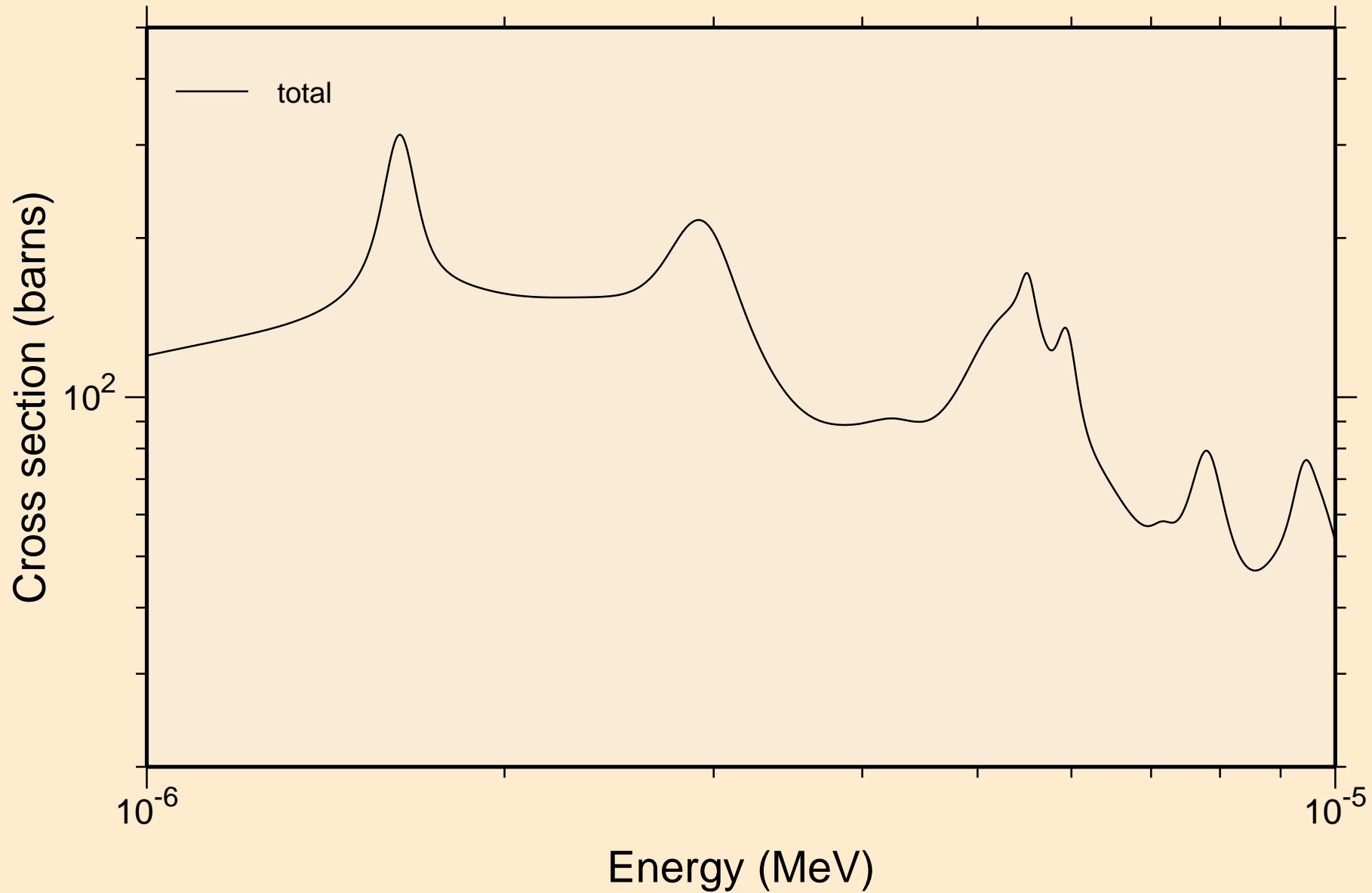


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

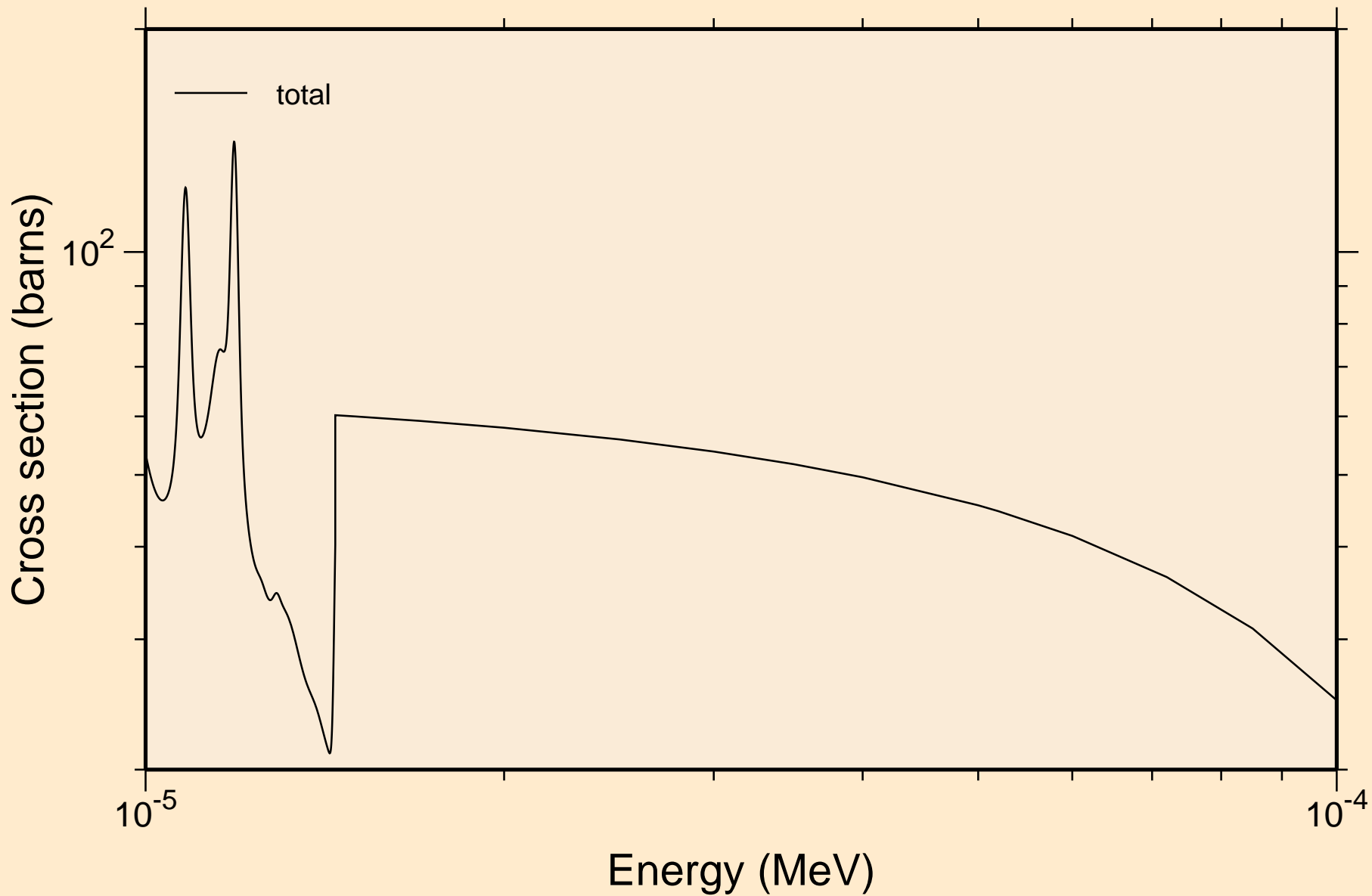
Principal cross sections



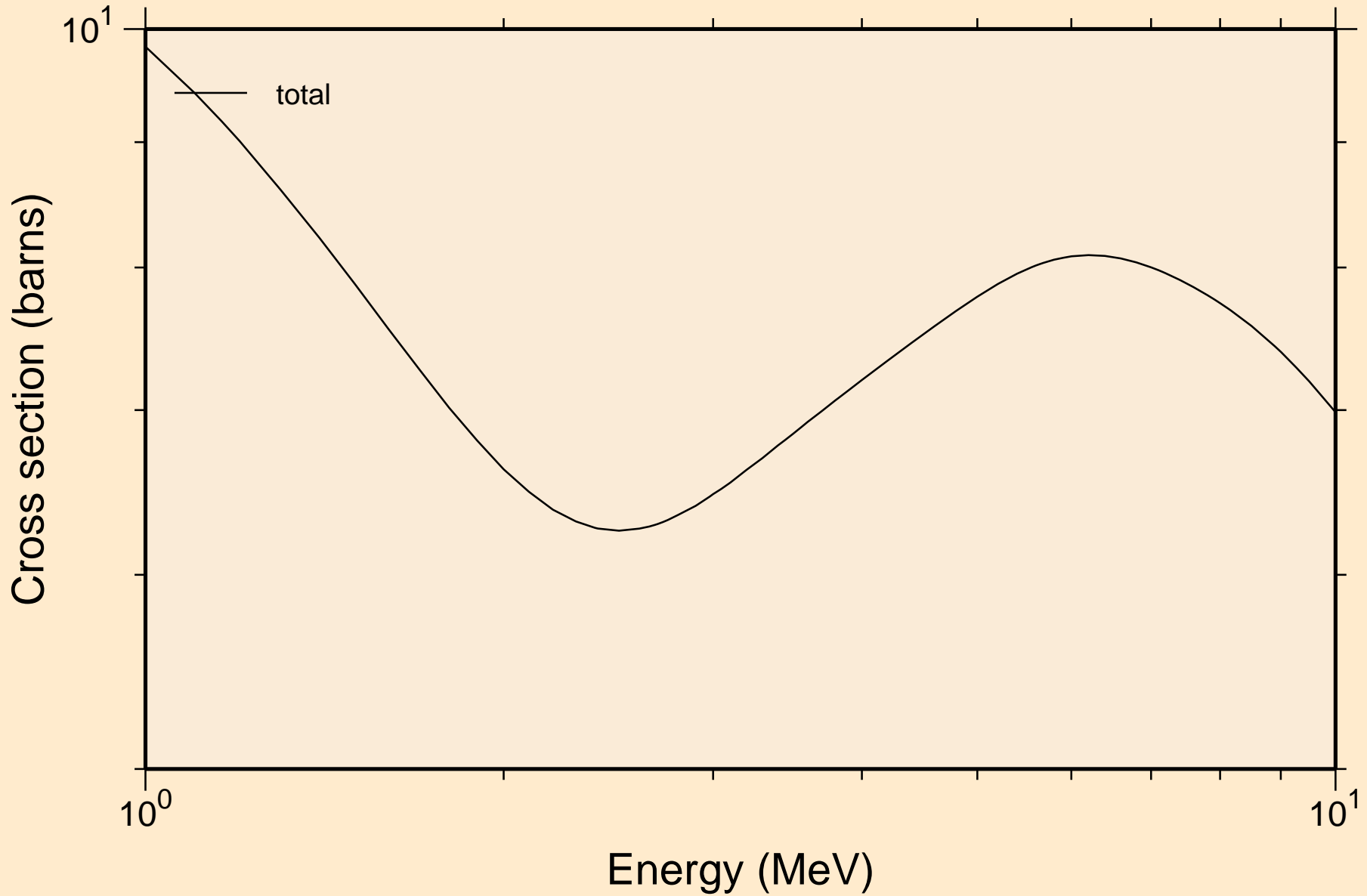
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



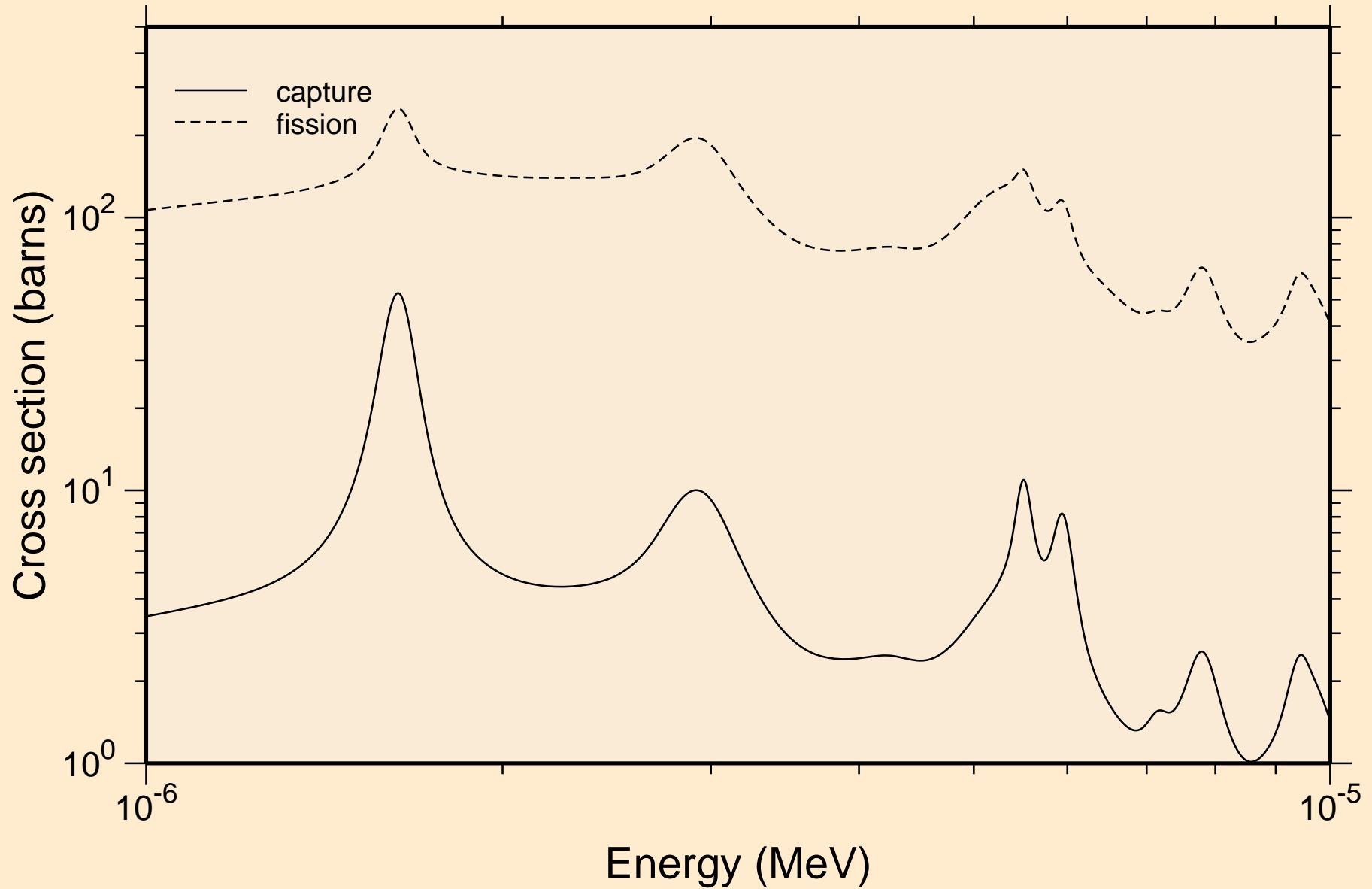
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



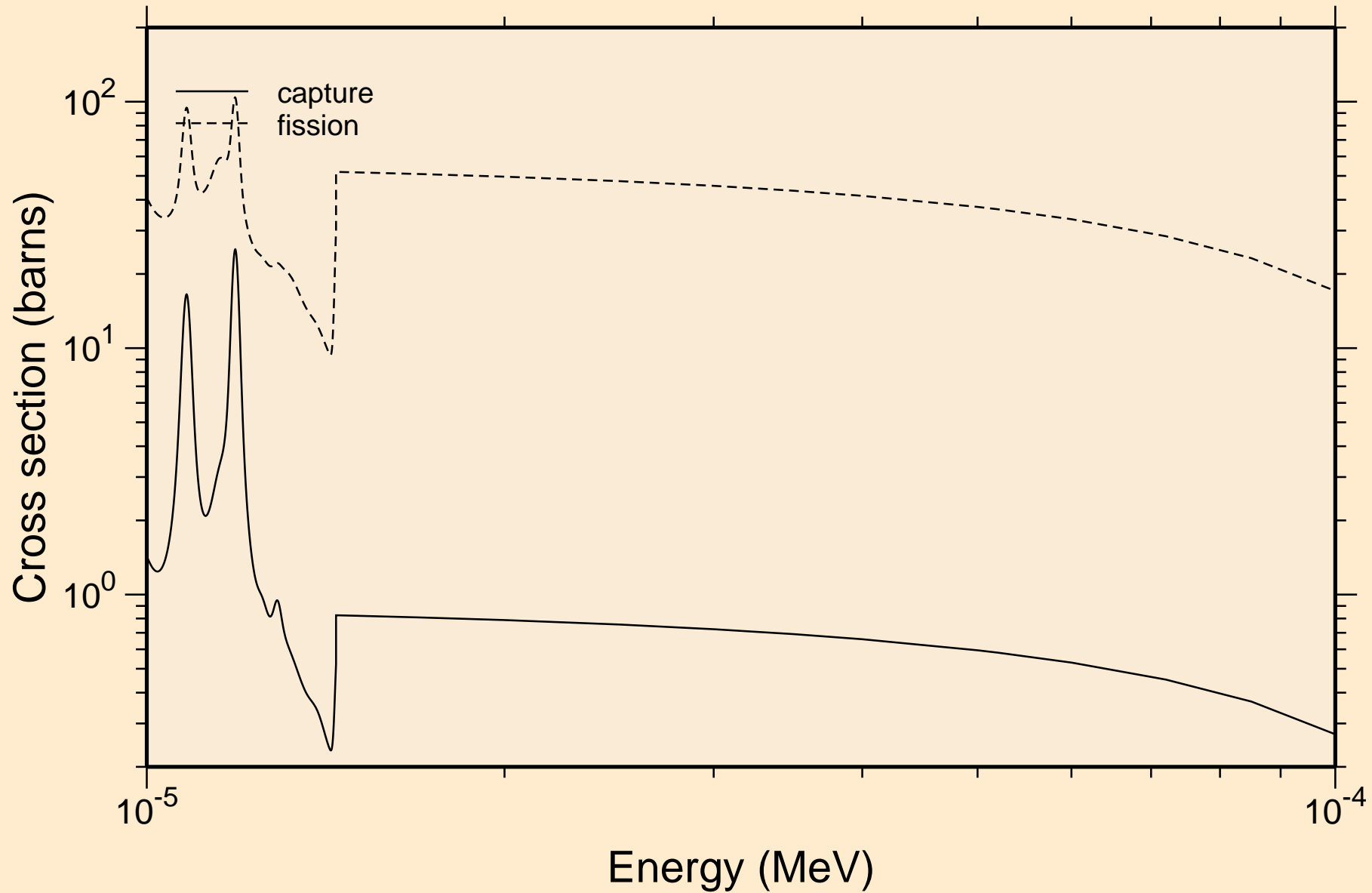
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resonance total cross section



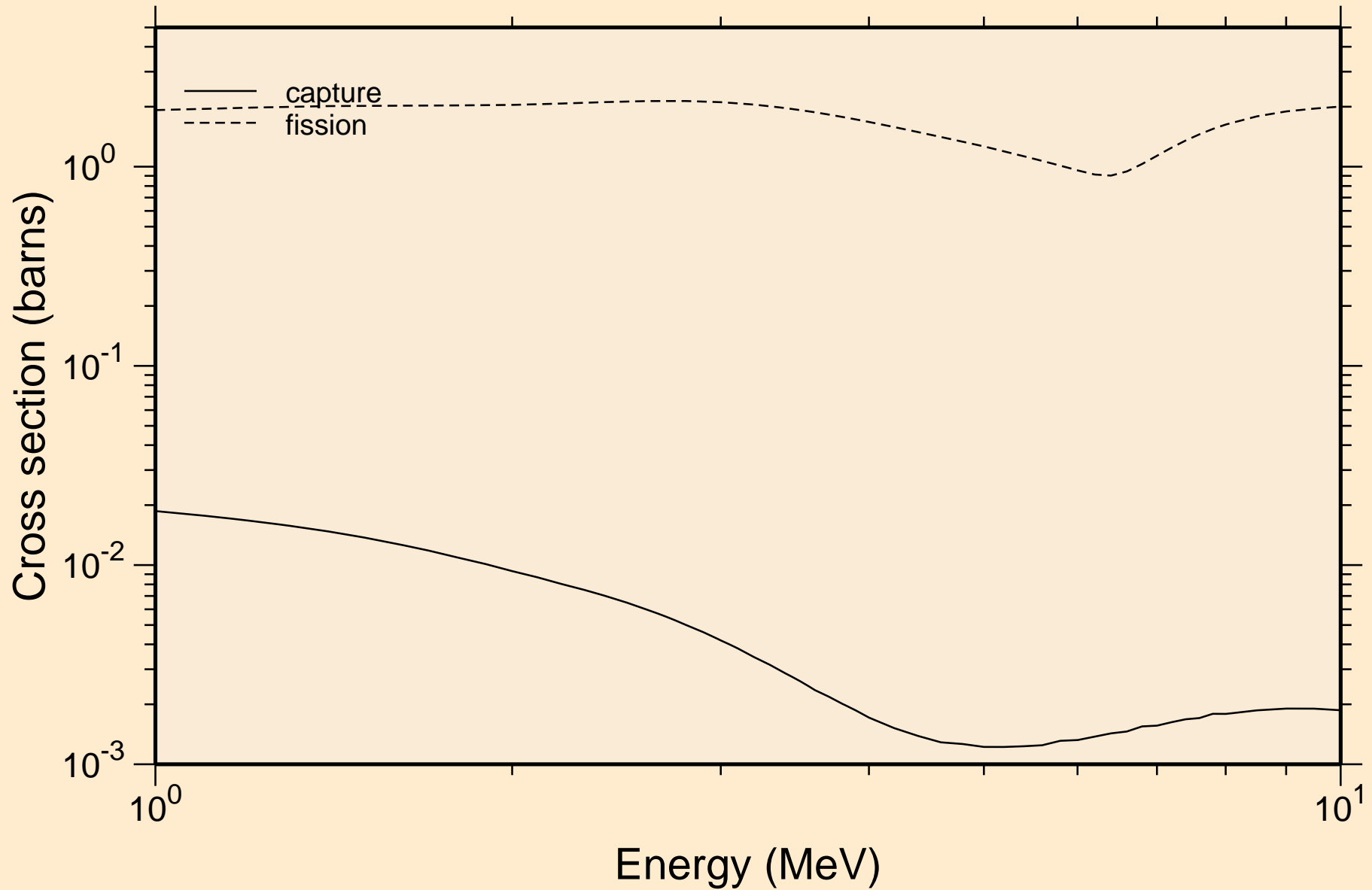
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



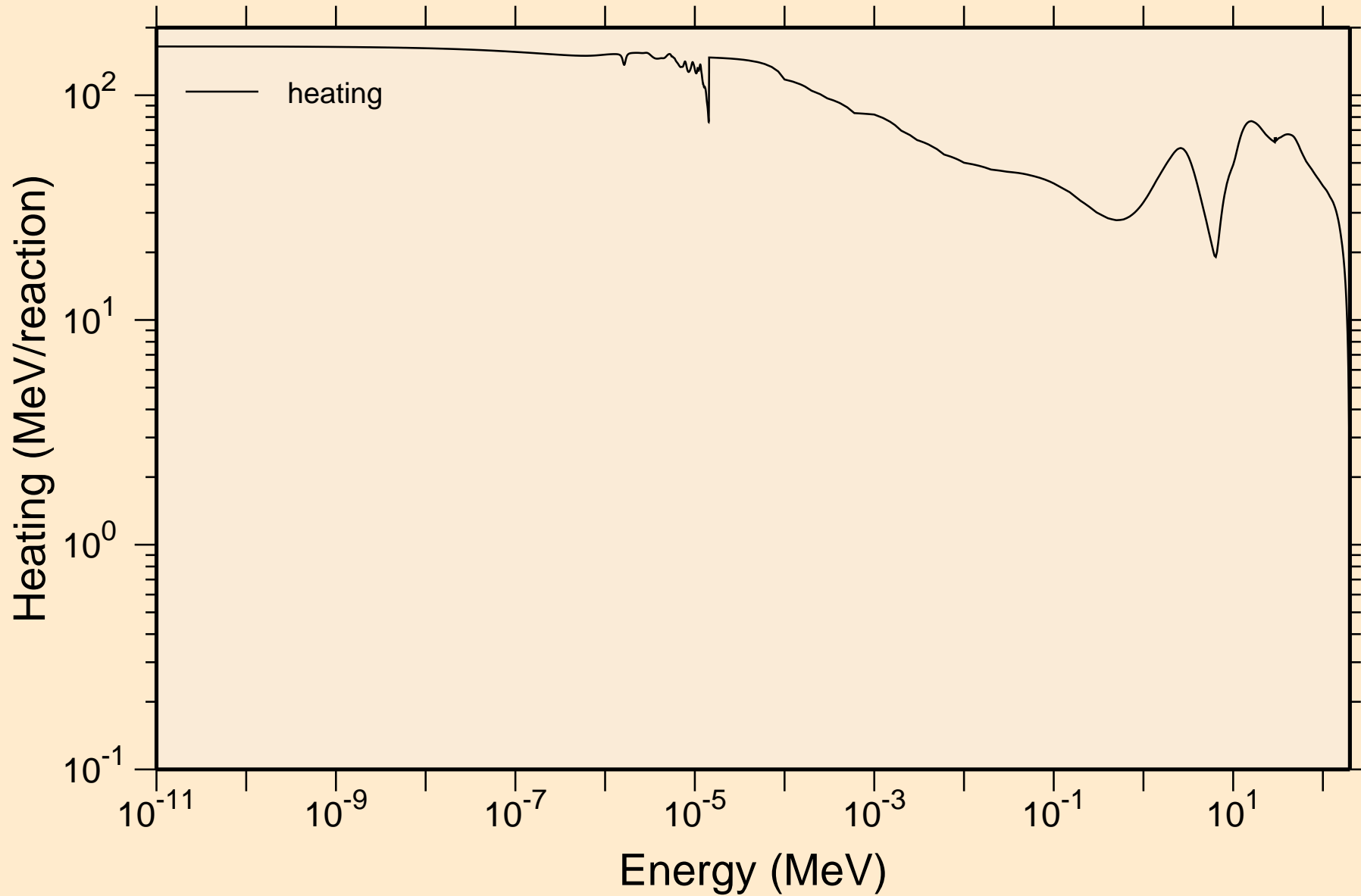
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



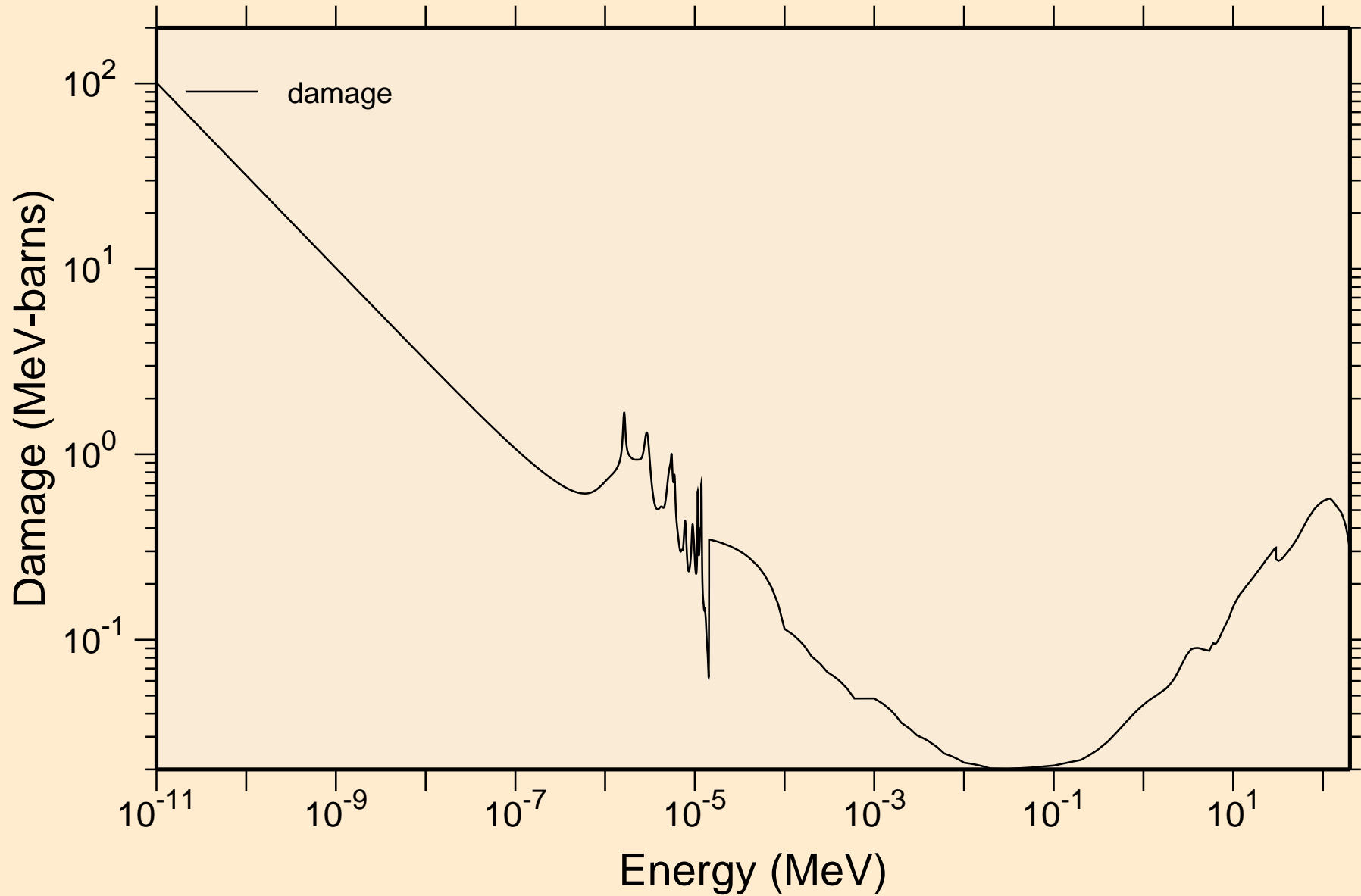
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating

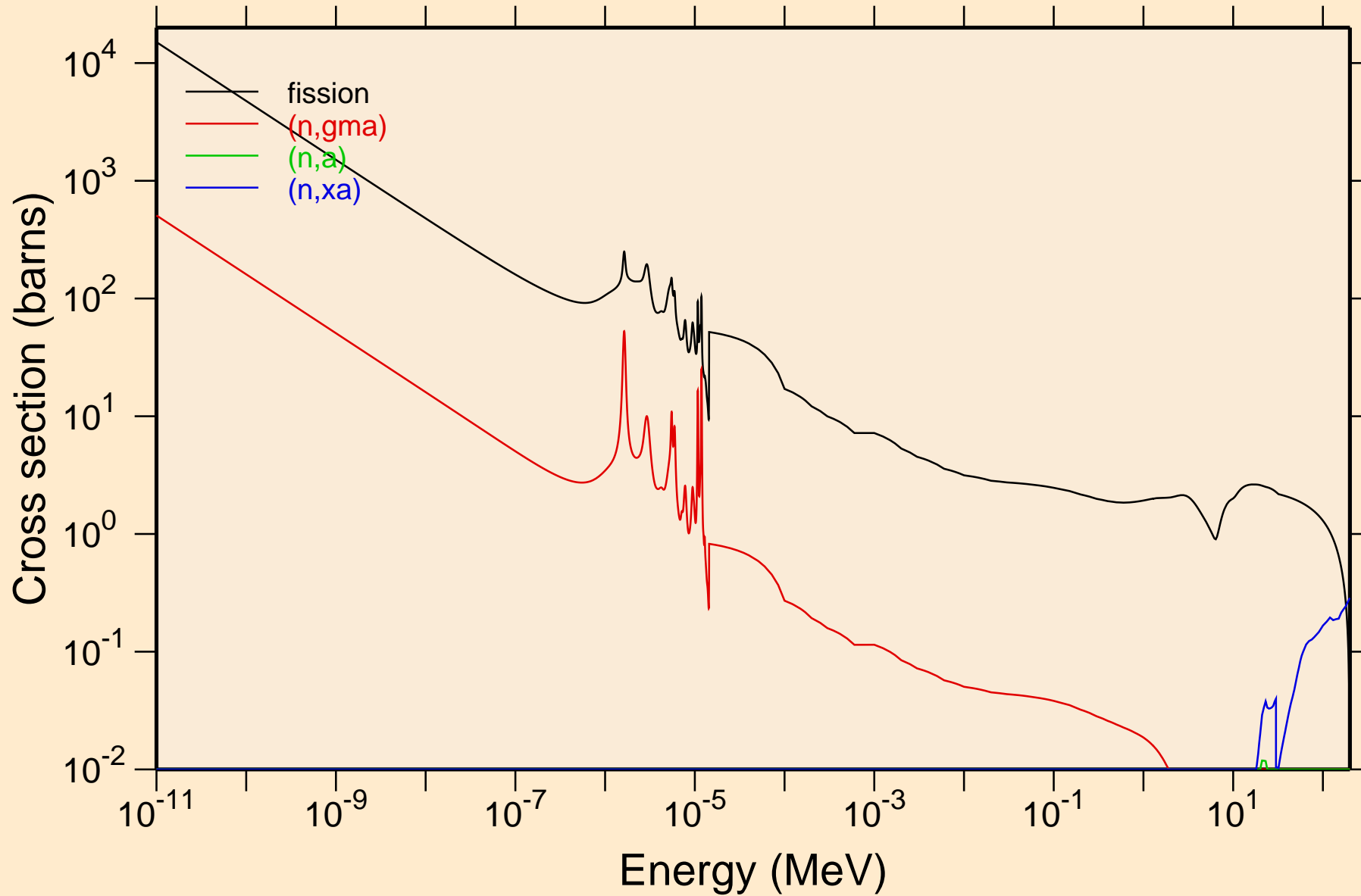


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage



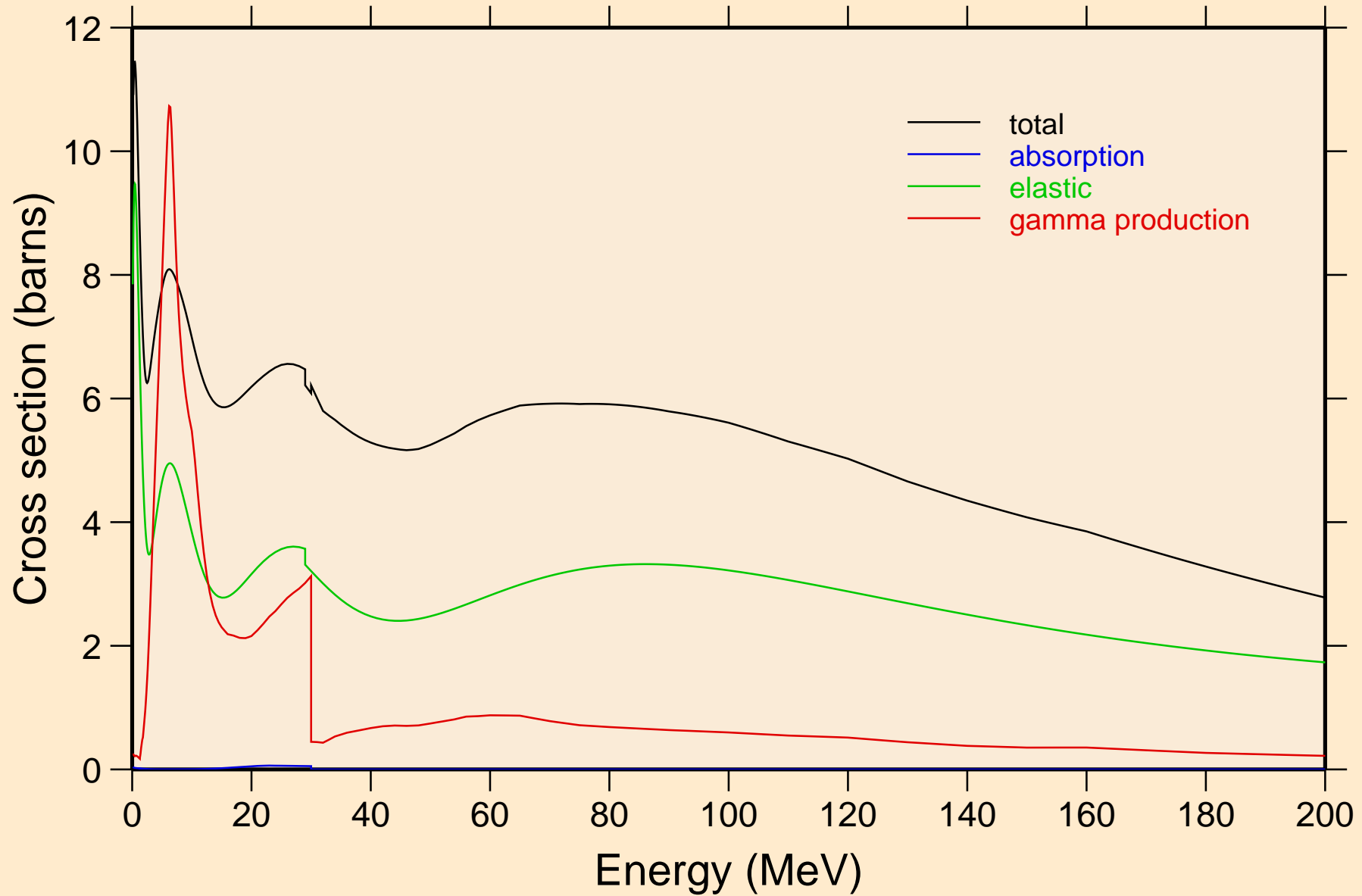
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Non-threshold reactions



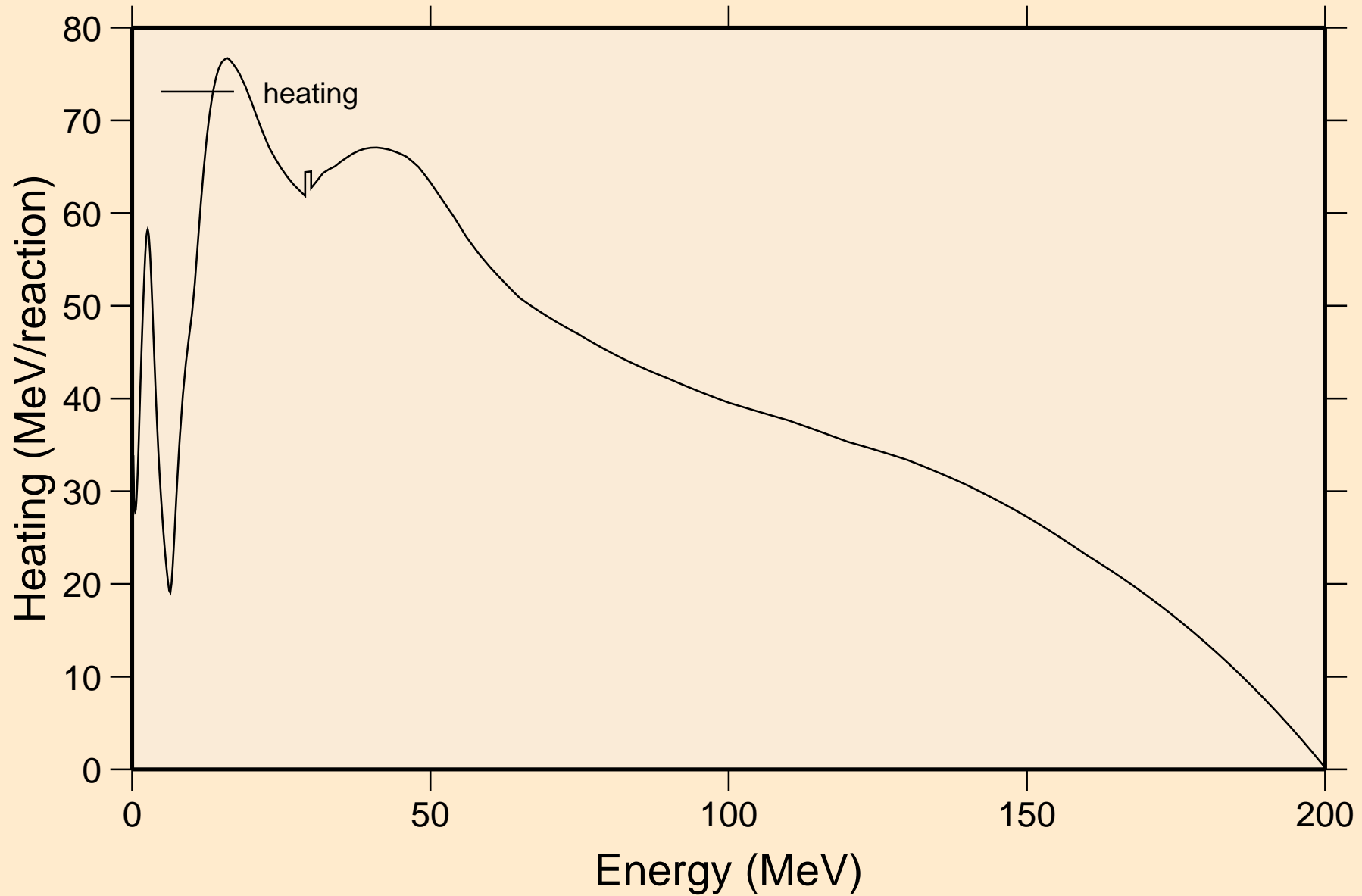
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Principal cross sections

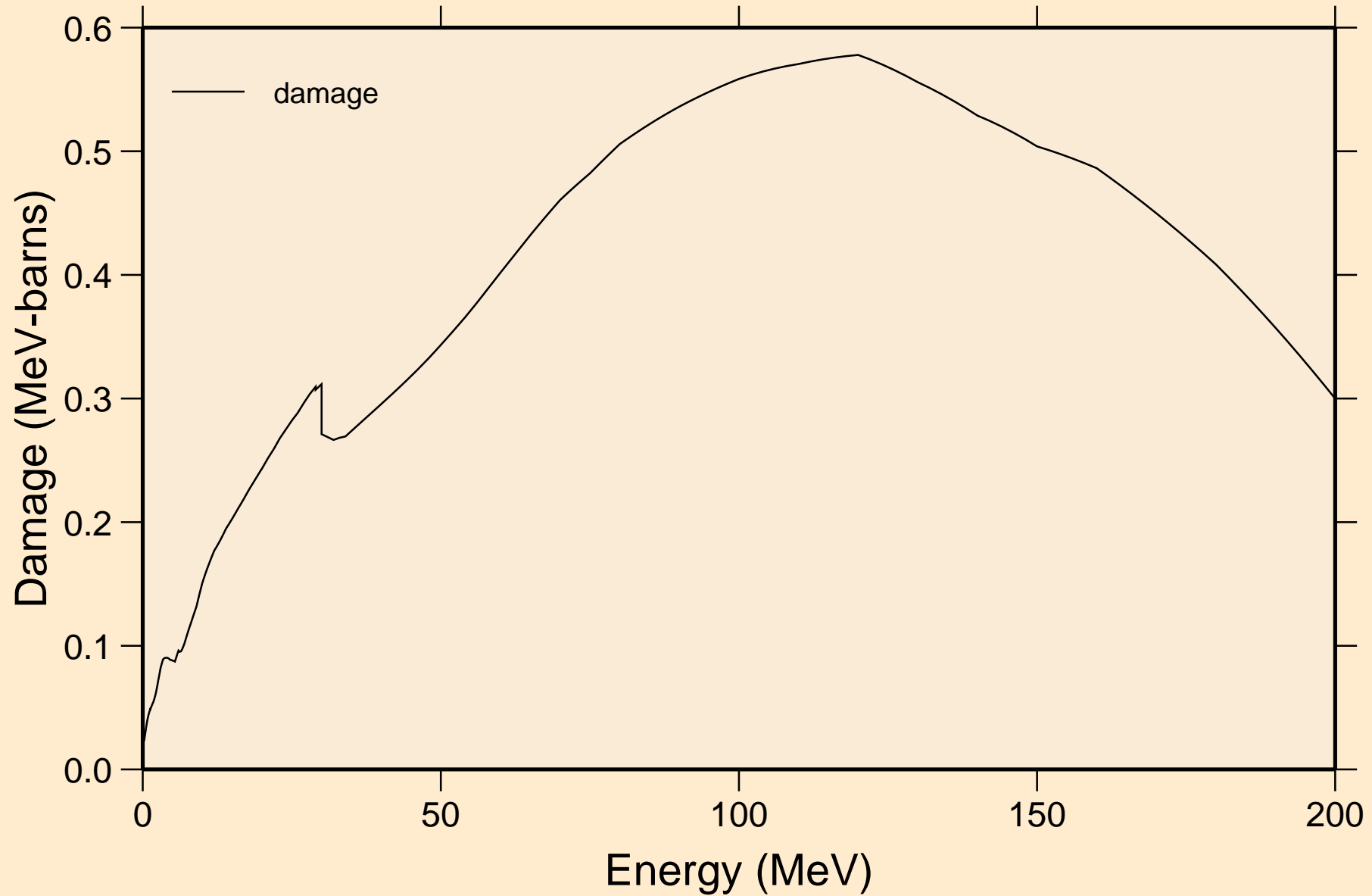


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Heating

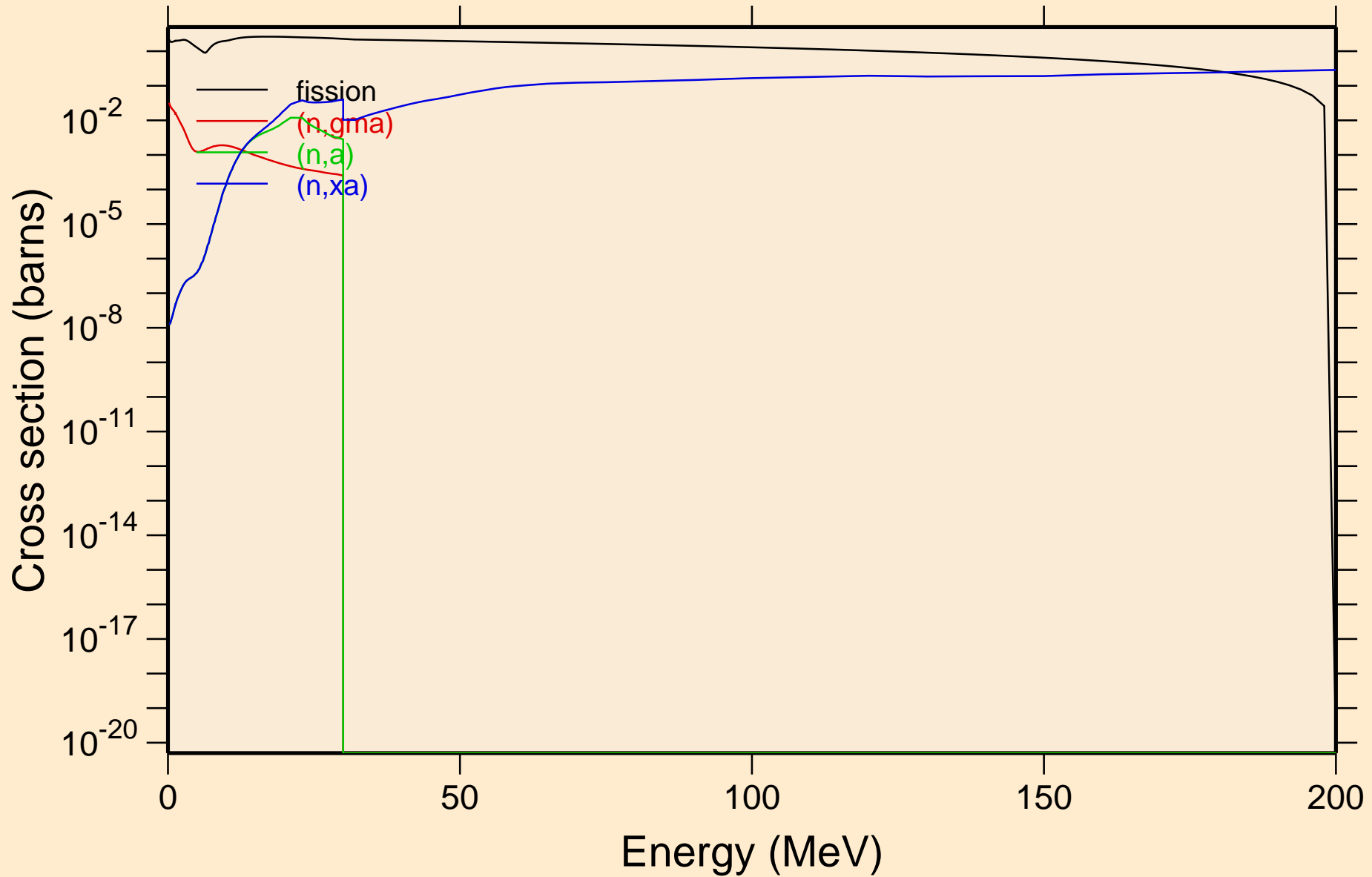


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Damage

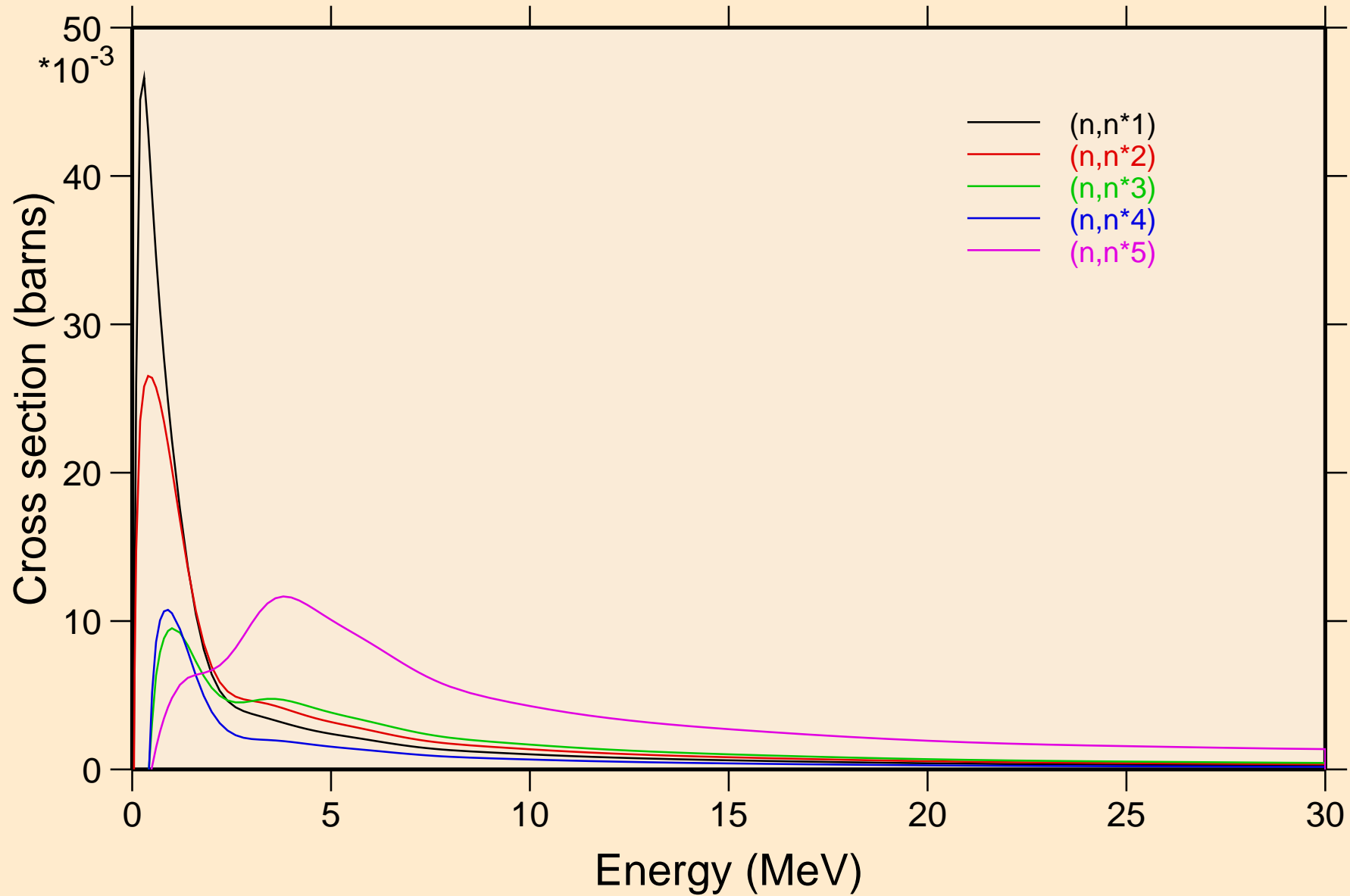


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

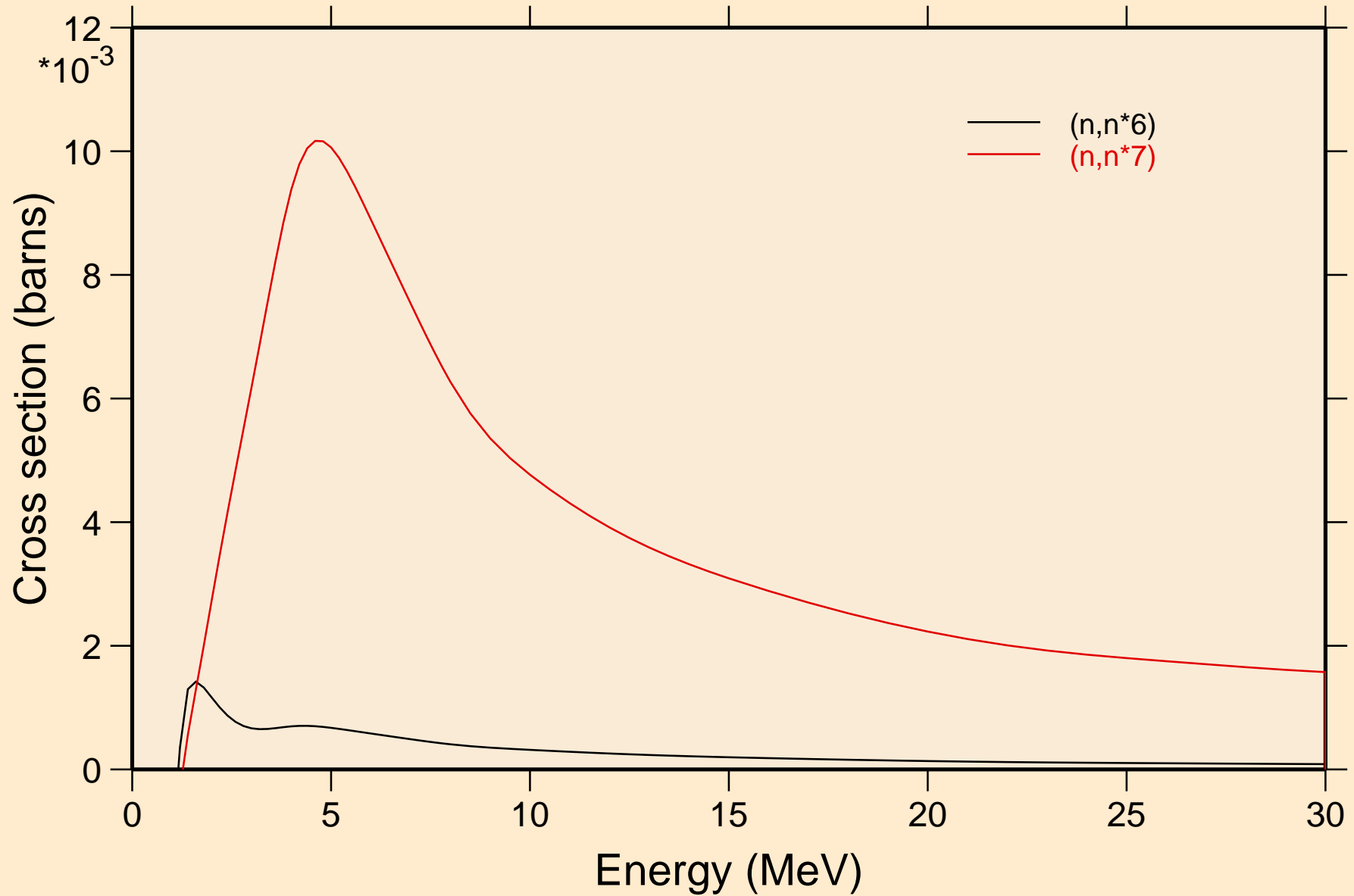
Non-threshold reactions



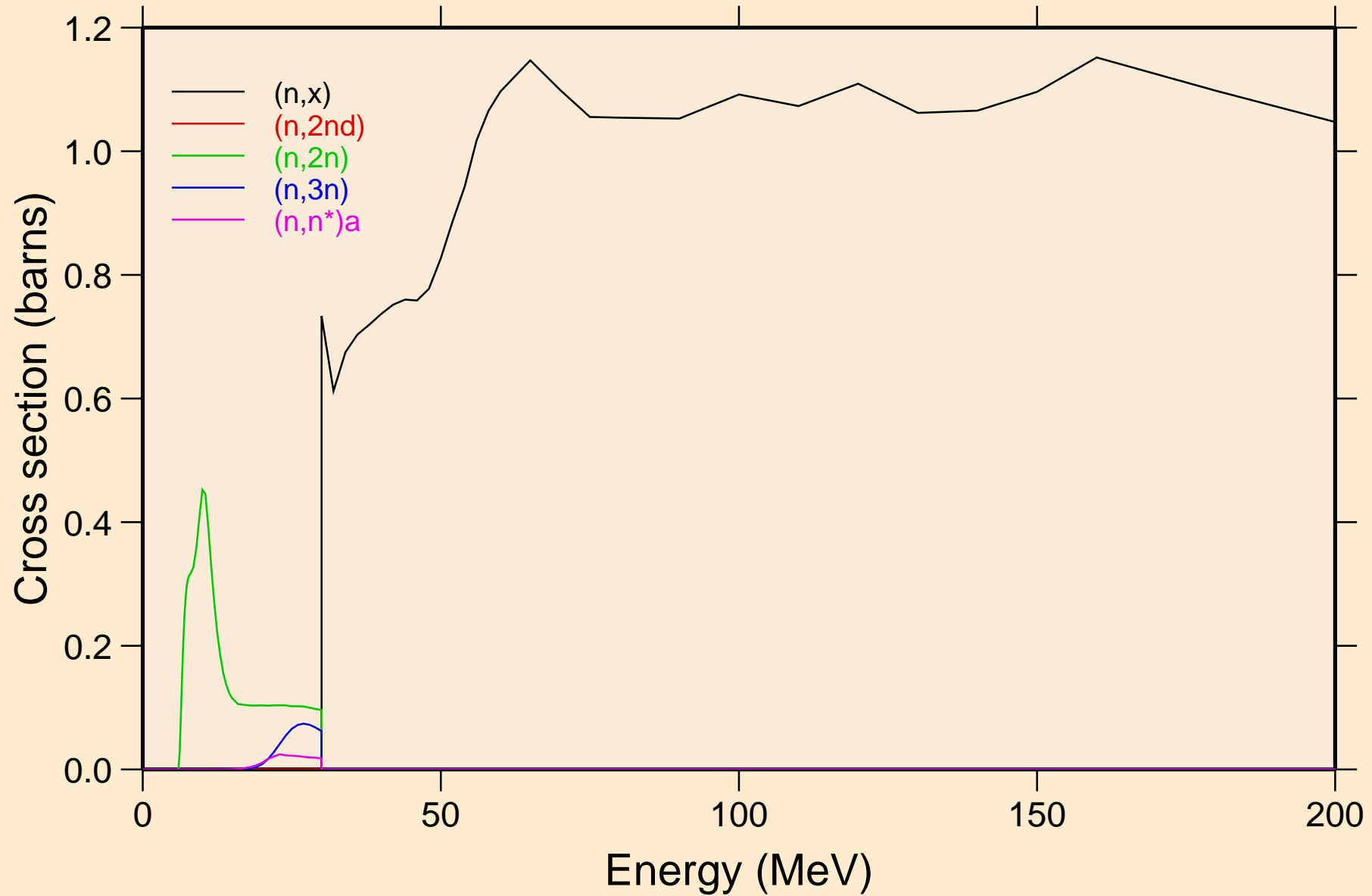
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



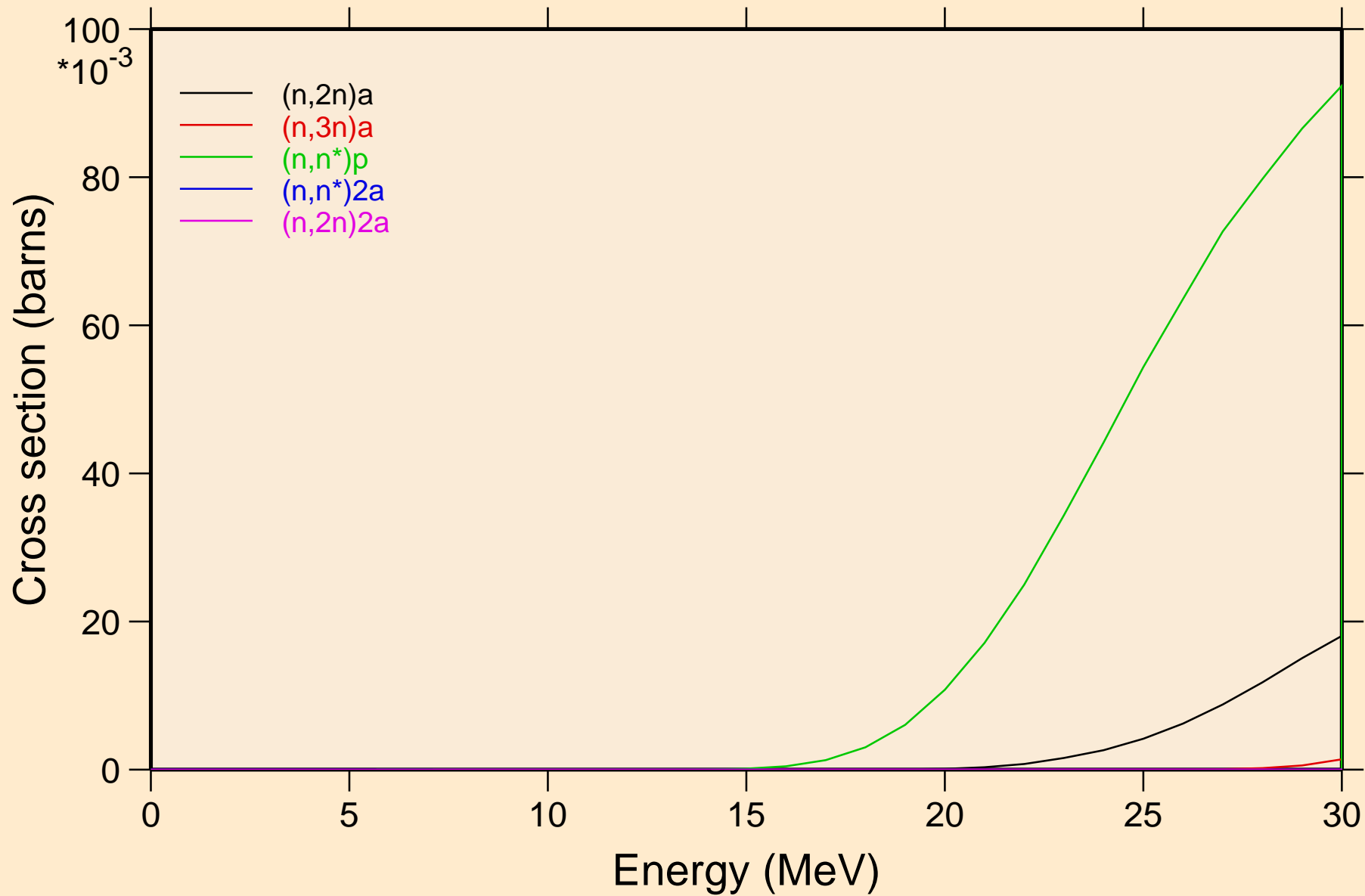
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

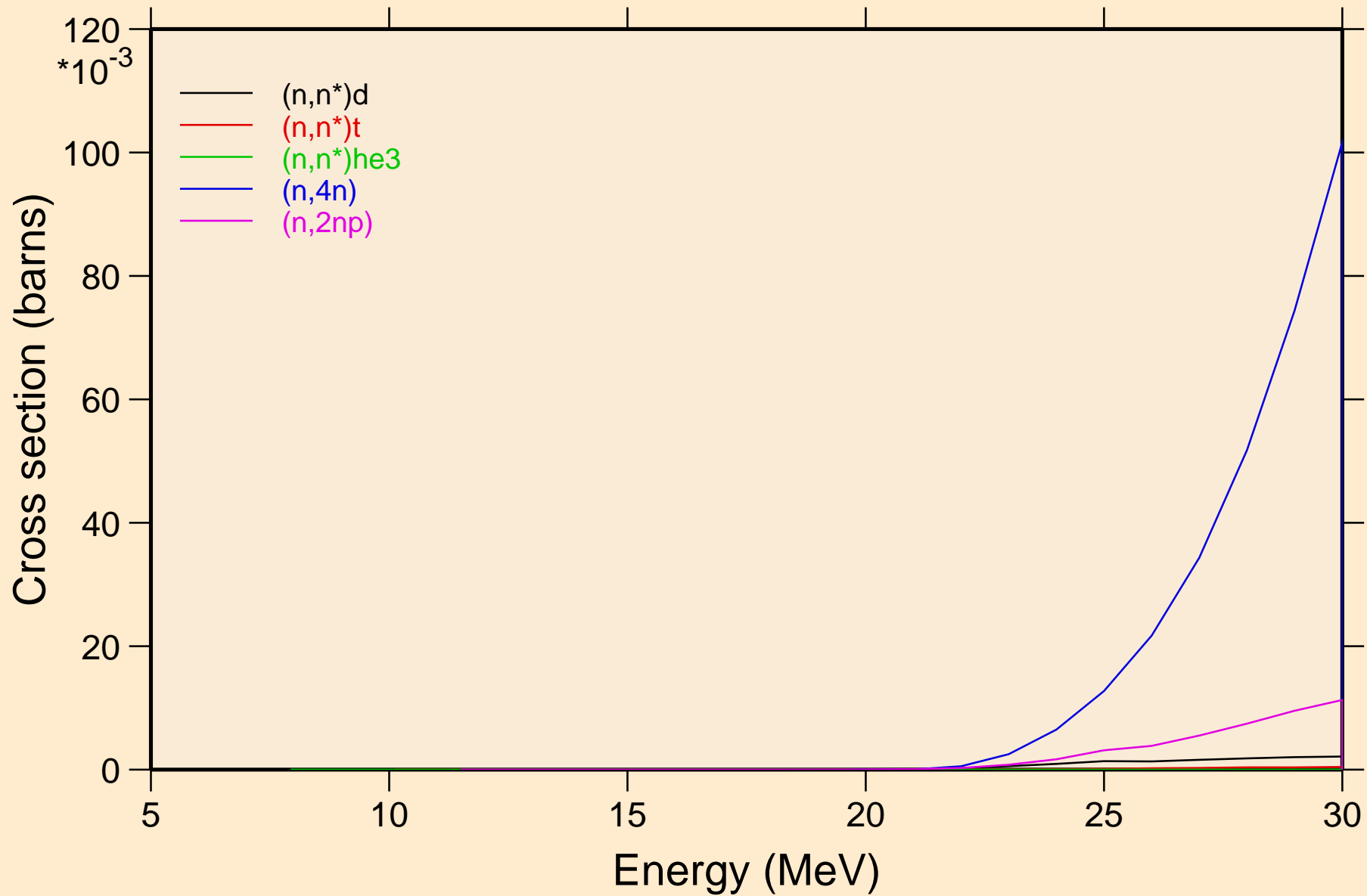


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

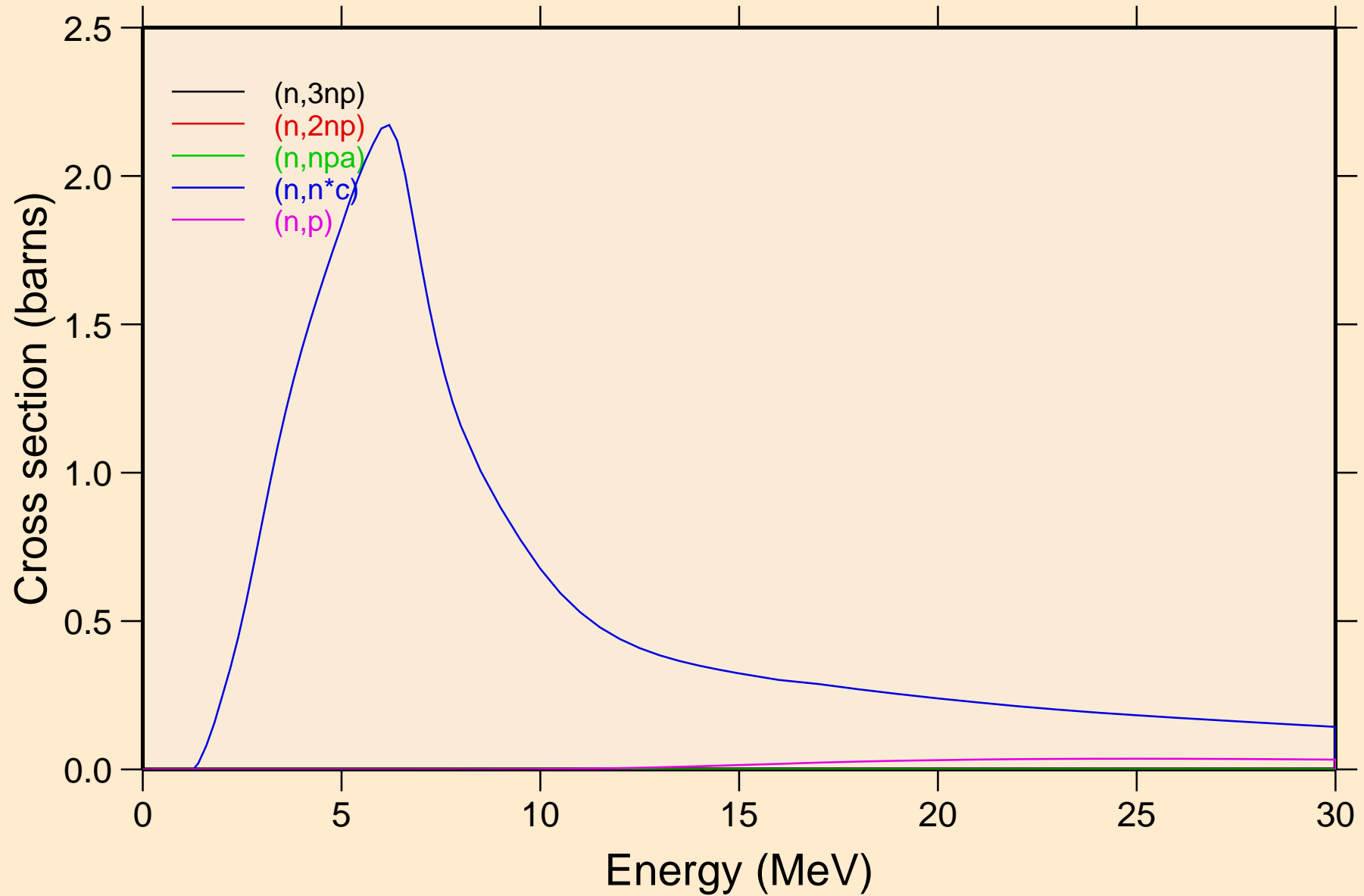


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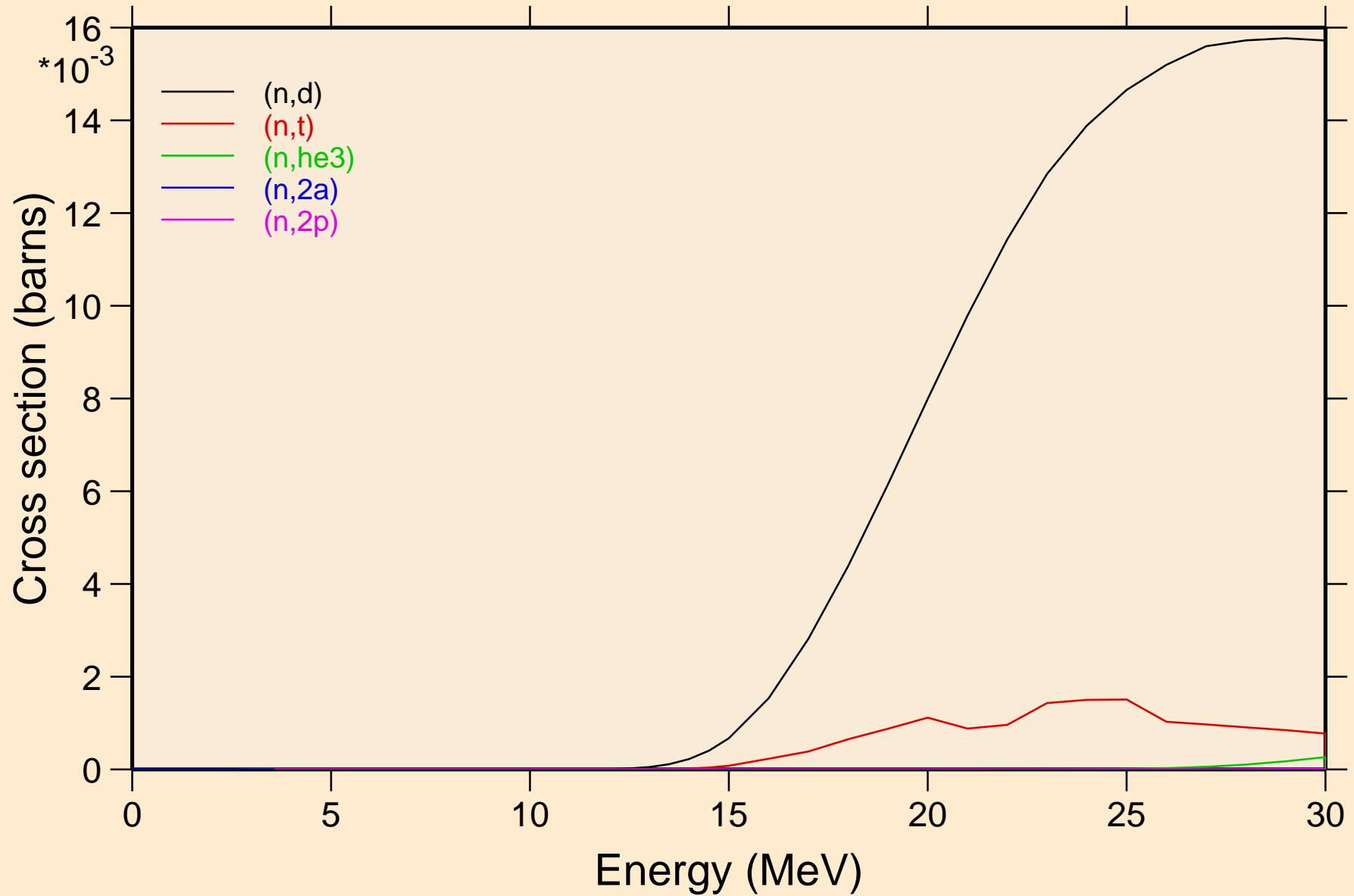
Threshold reactions



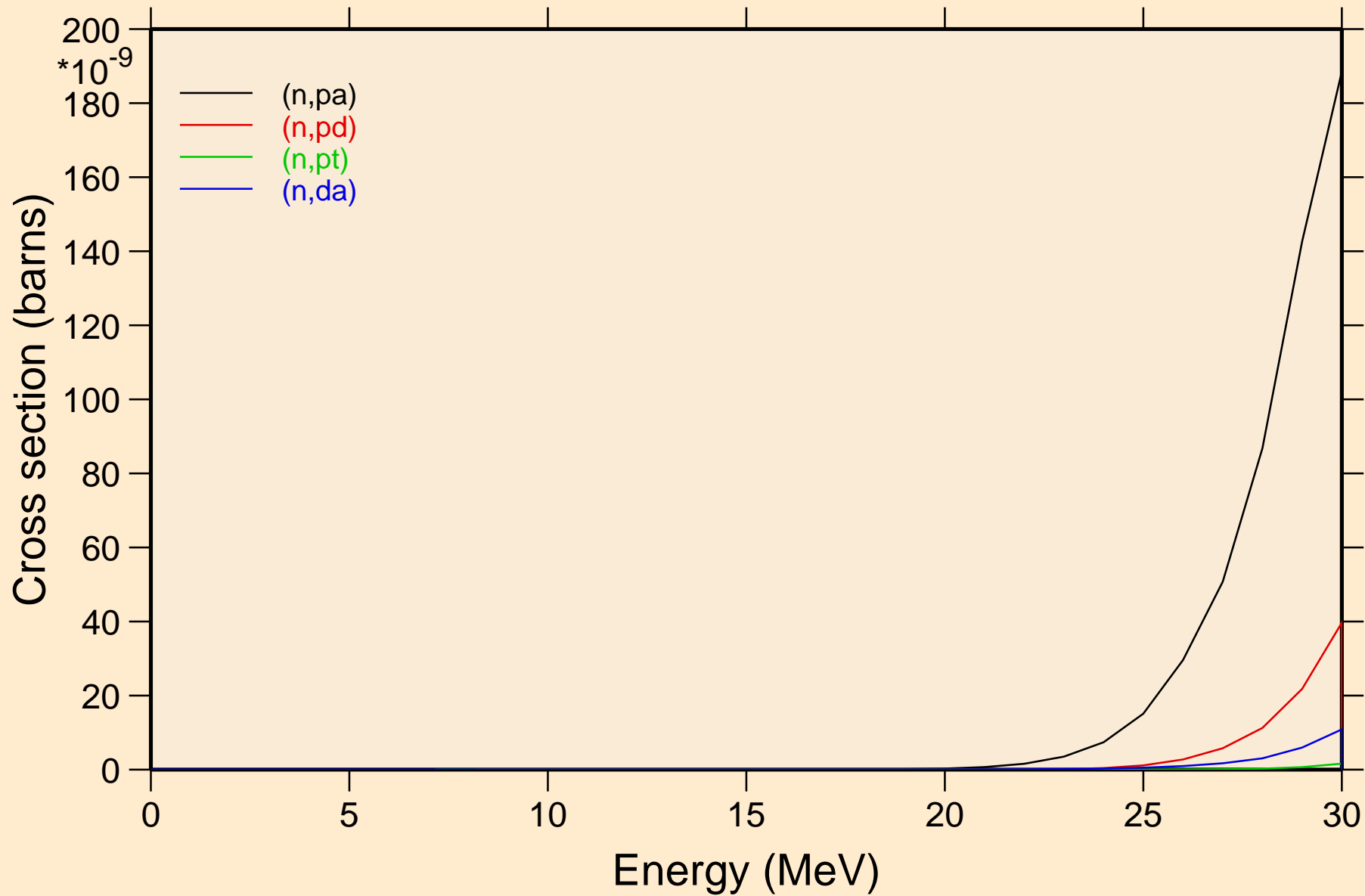
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



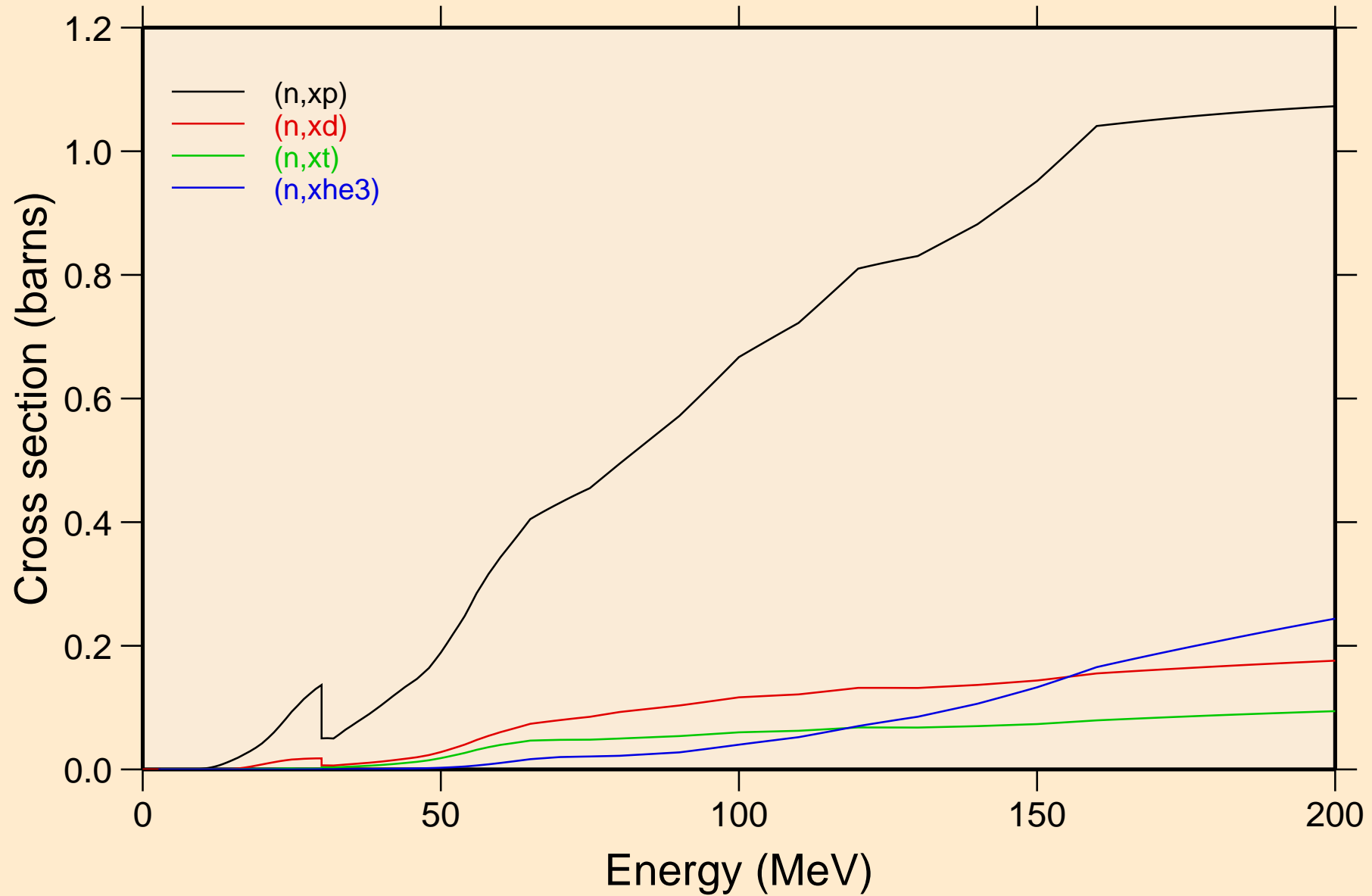
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



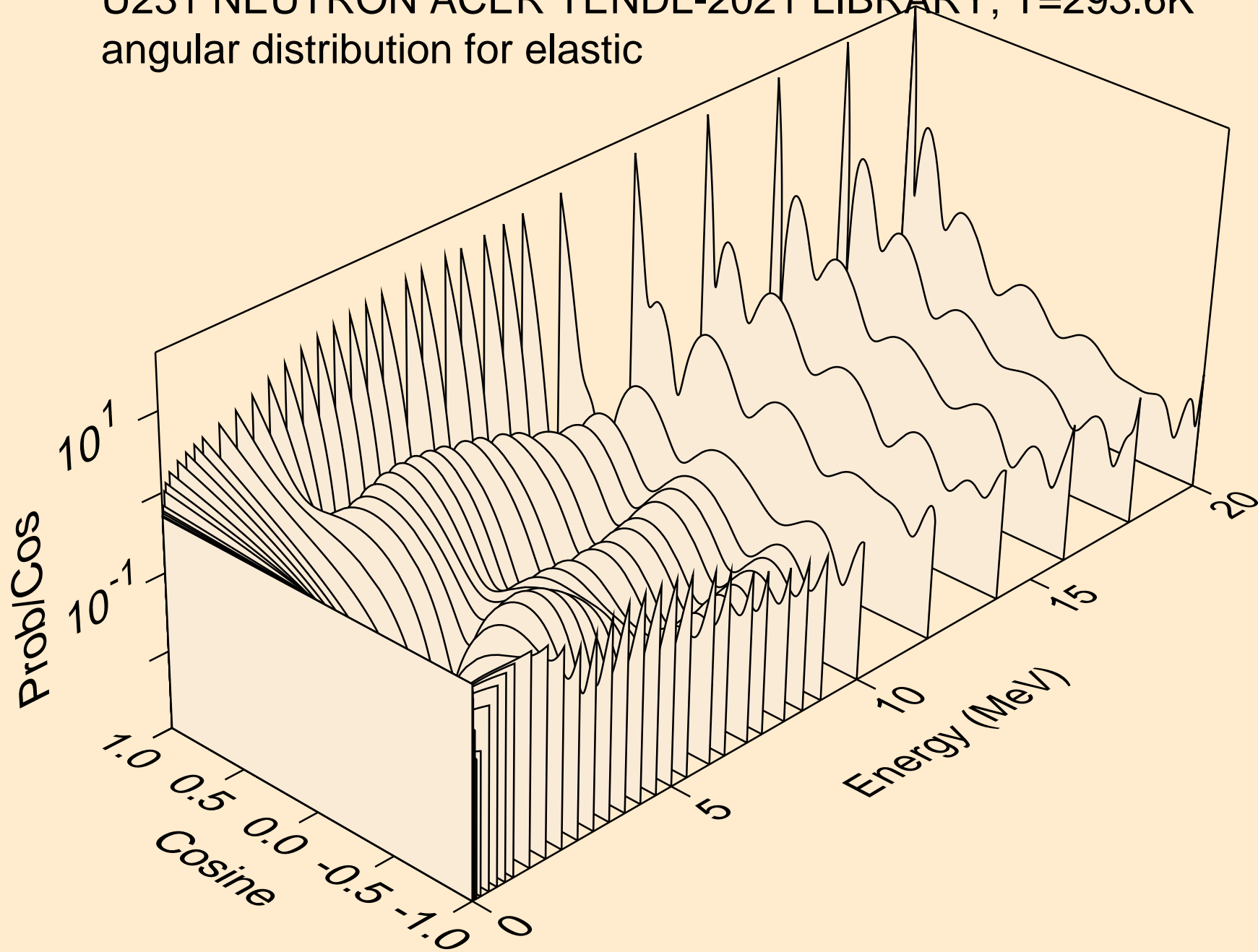
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



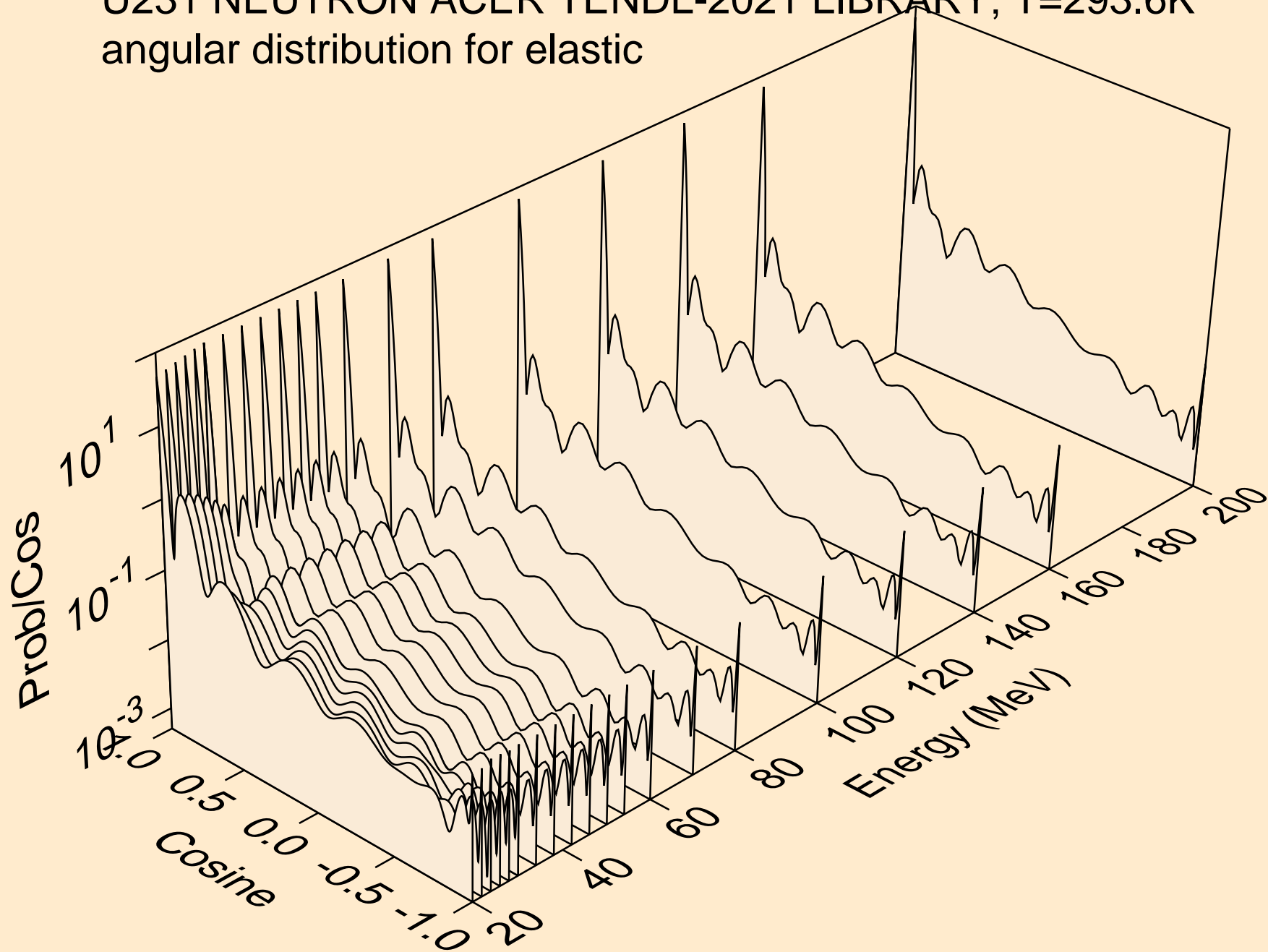
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions



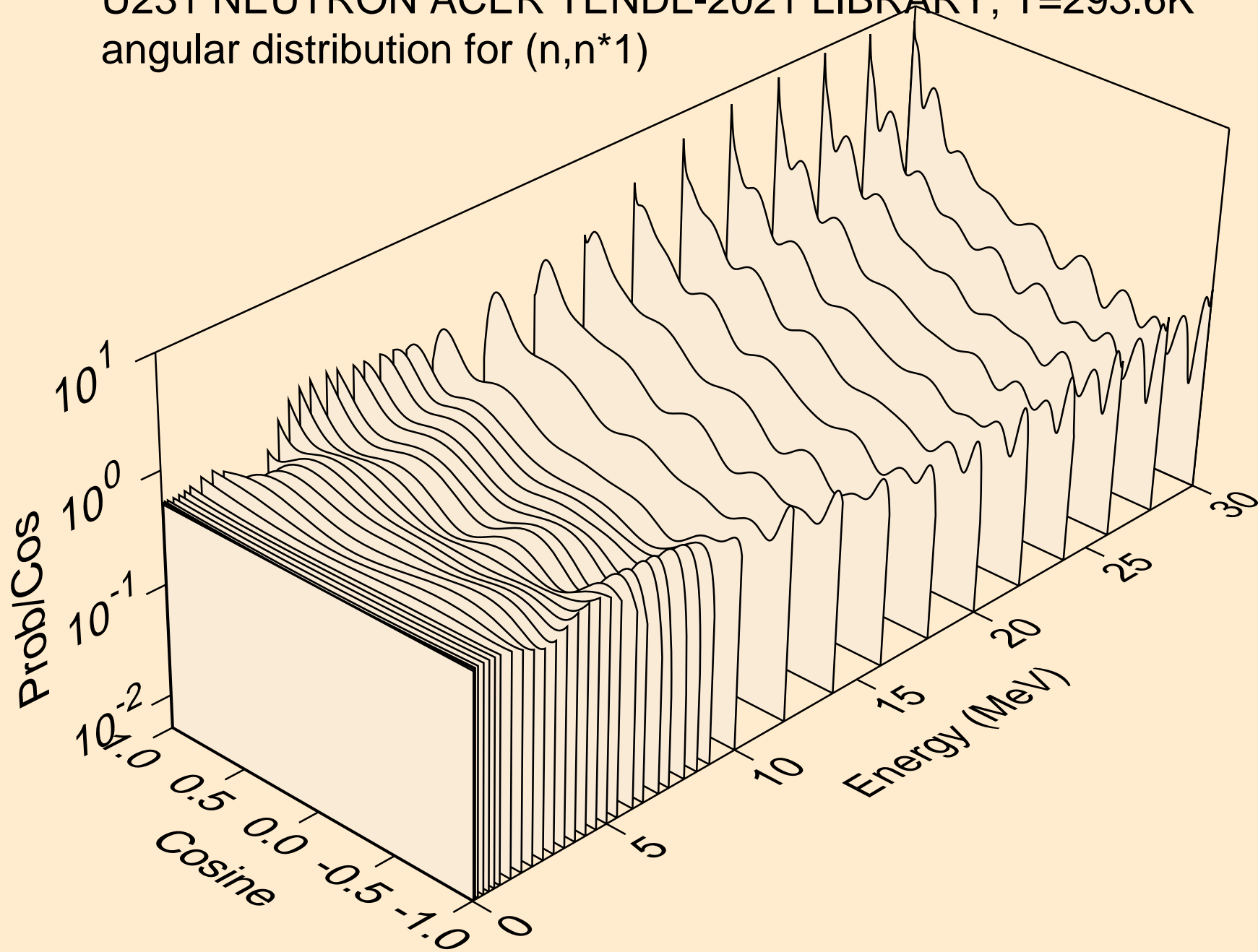
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angular distribution for elastic



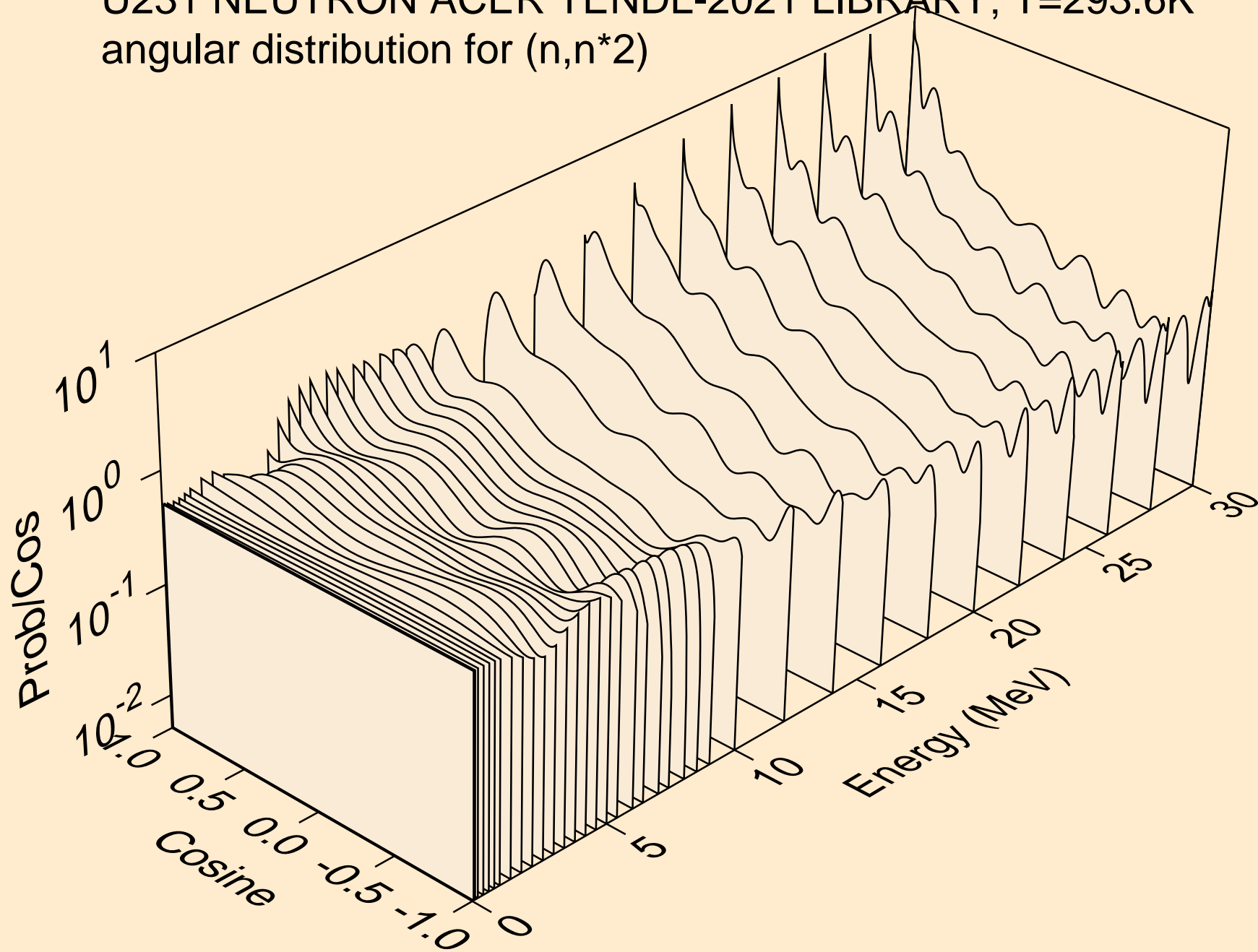
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angular distribution for elastic



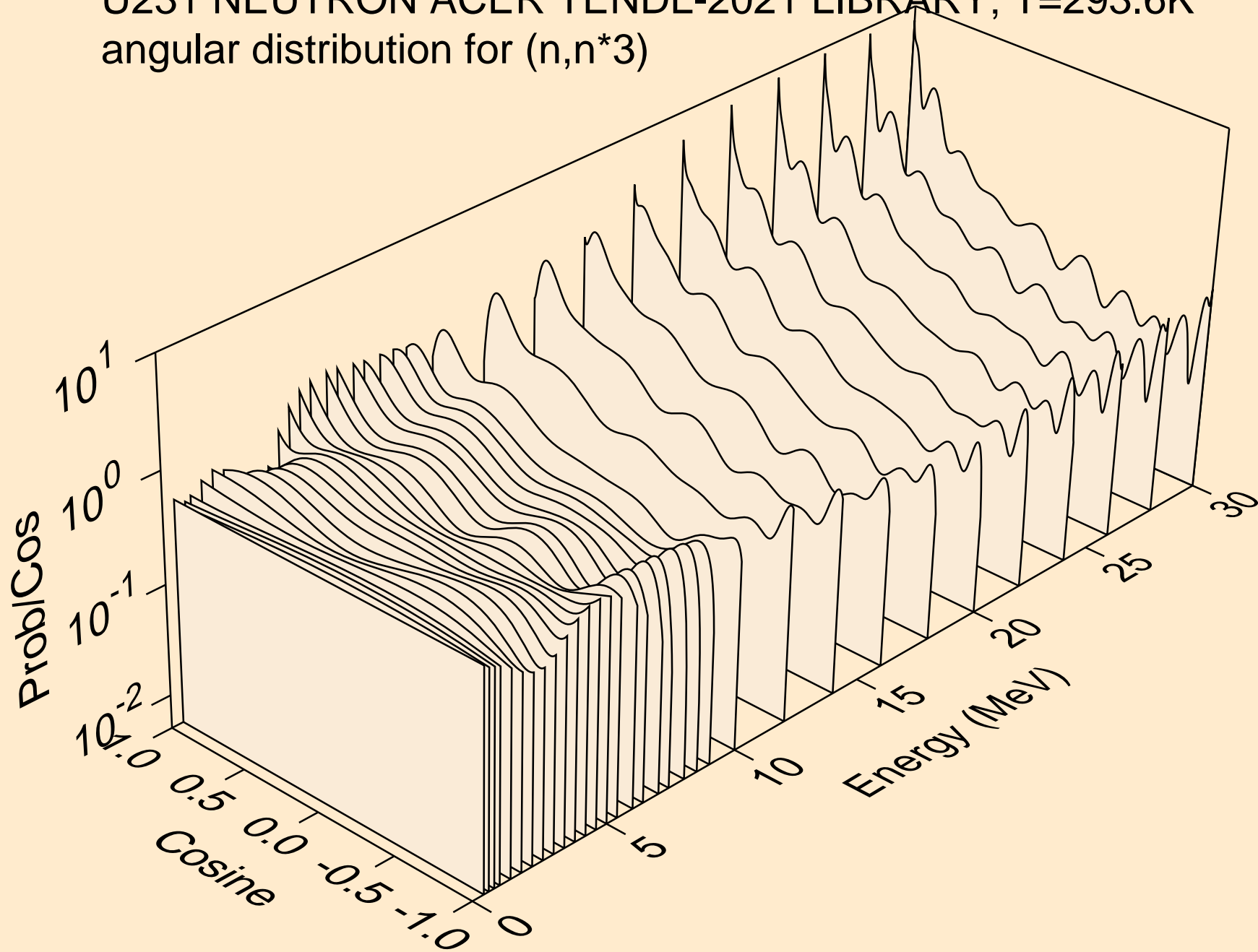
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*1)



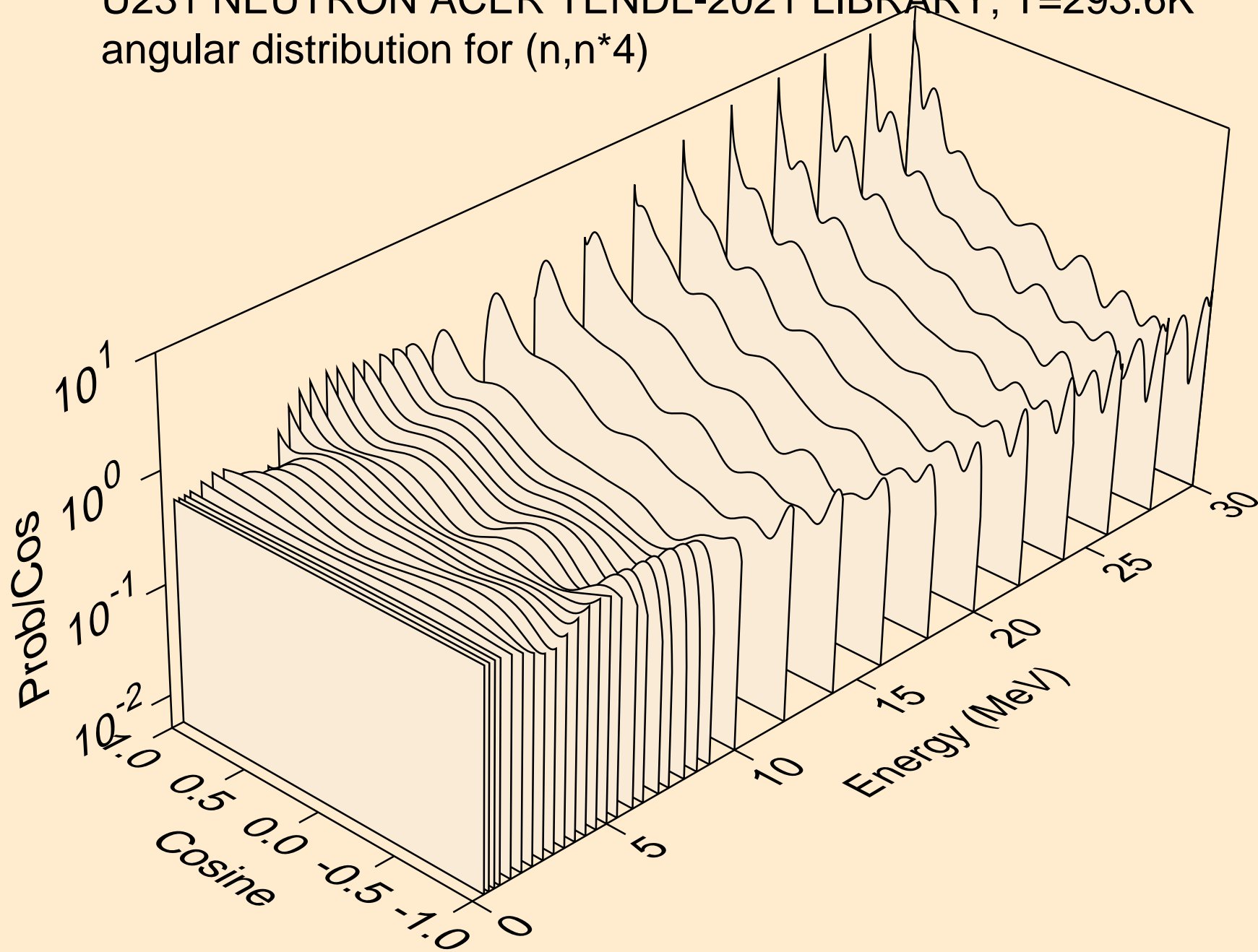
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angular distribution for (n,n*2)



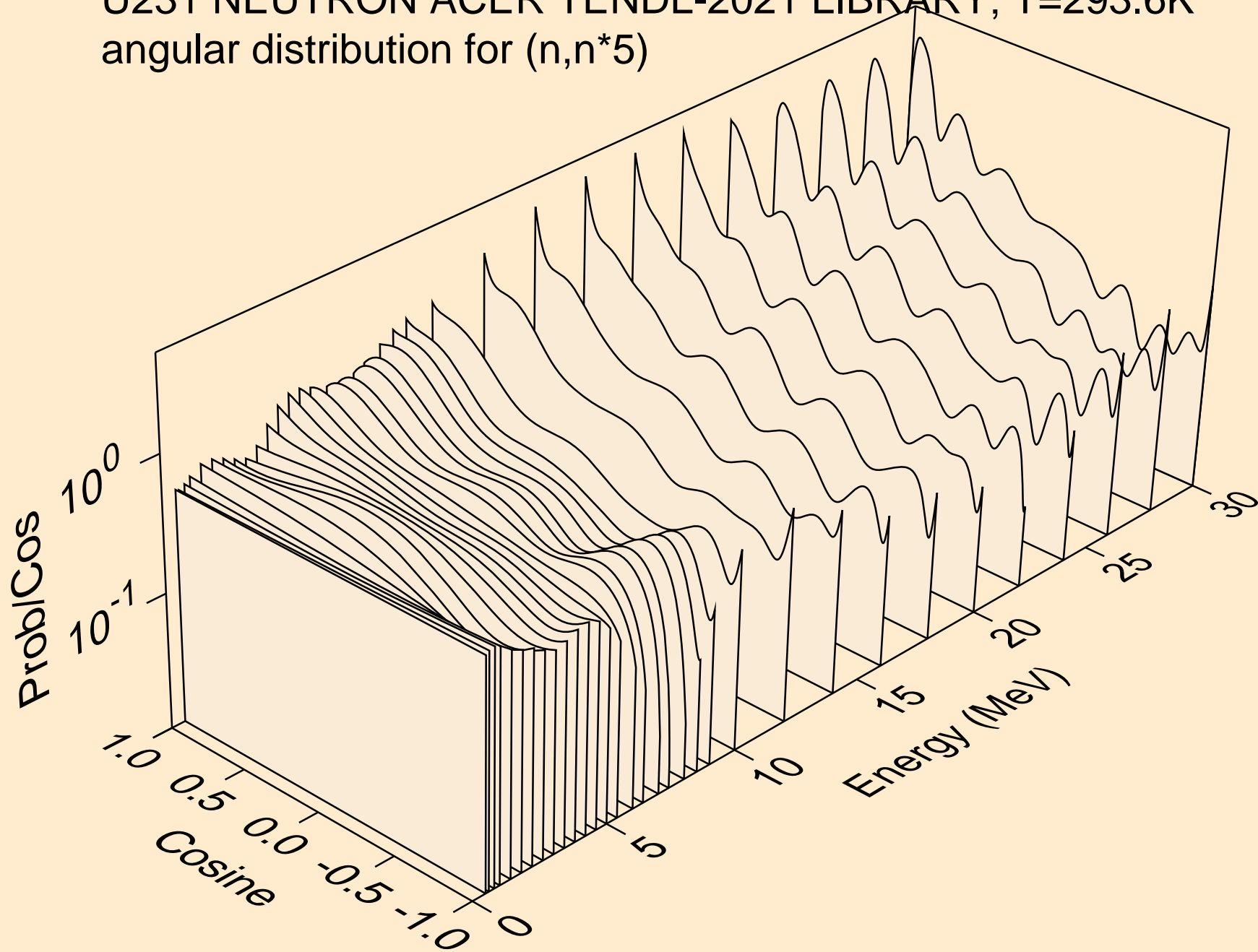
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angular distribution for (n,n*3)



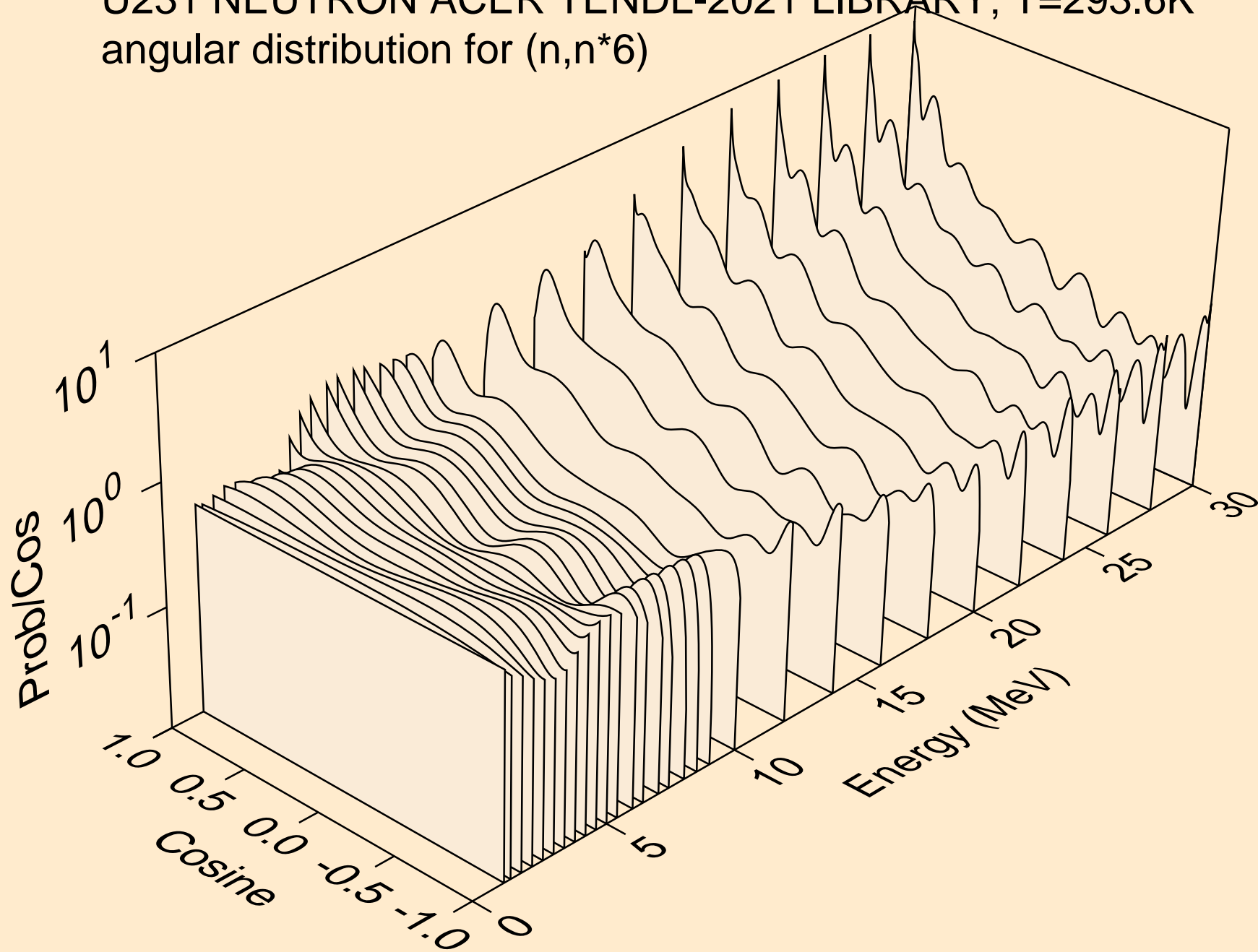
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*4)



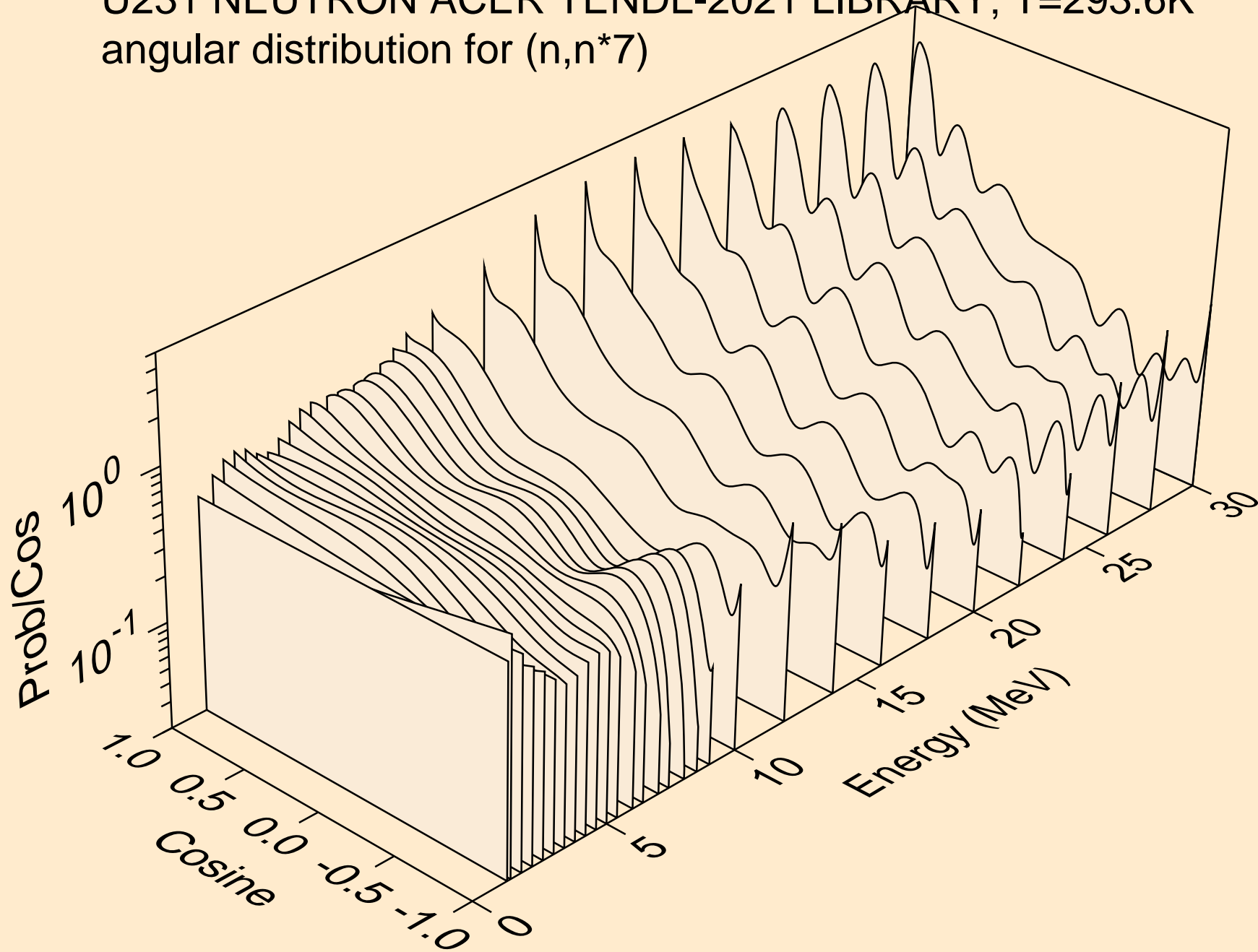
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*5)



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*6)

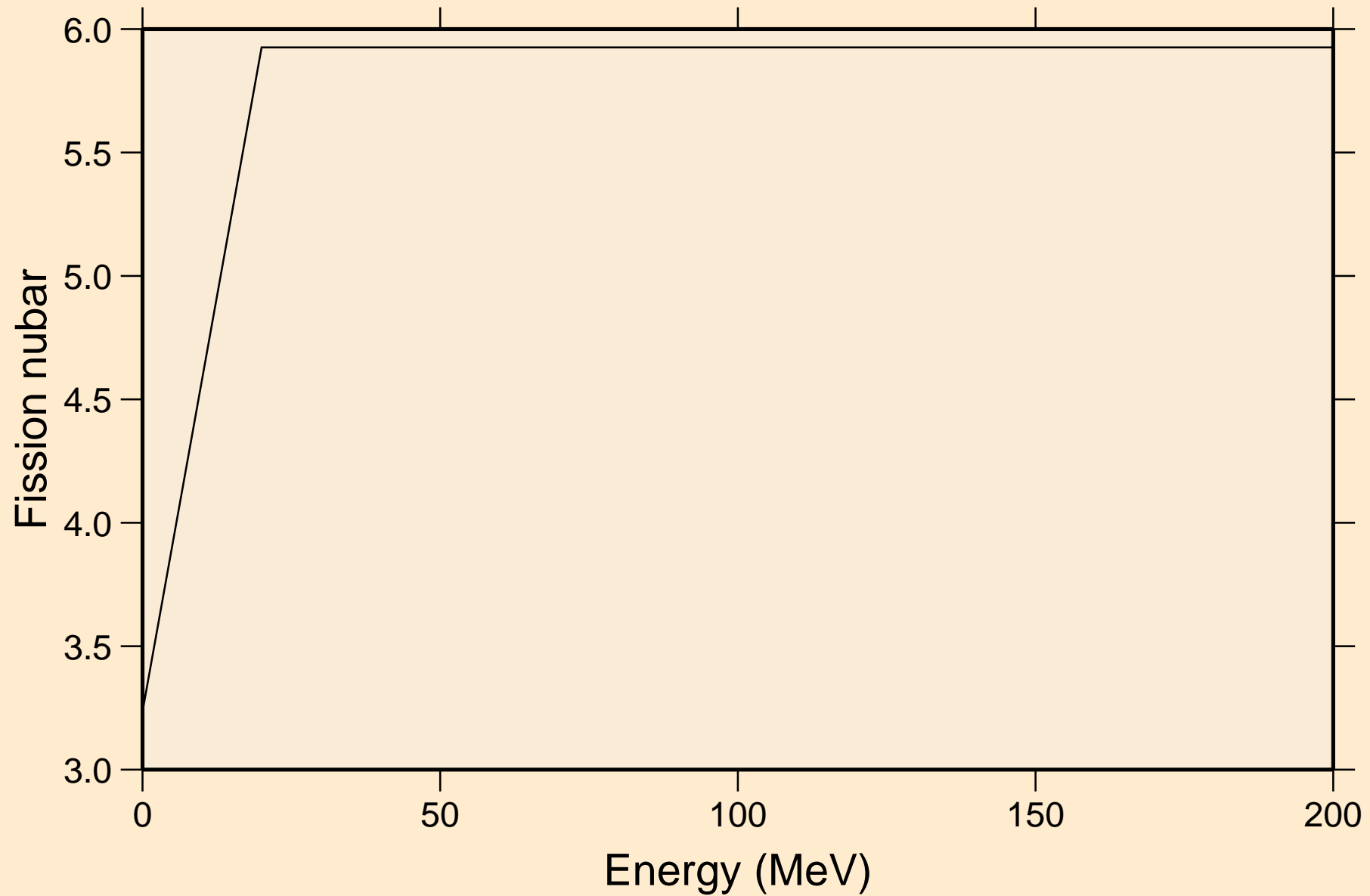


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*7)

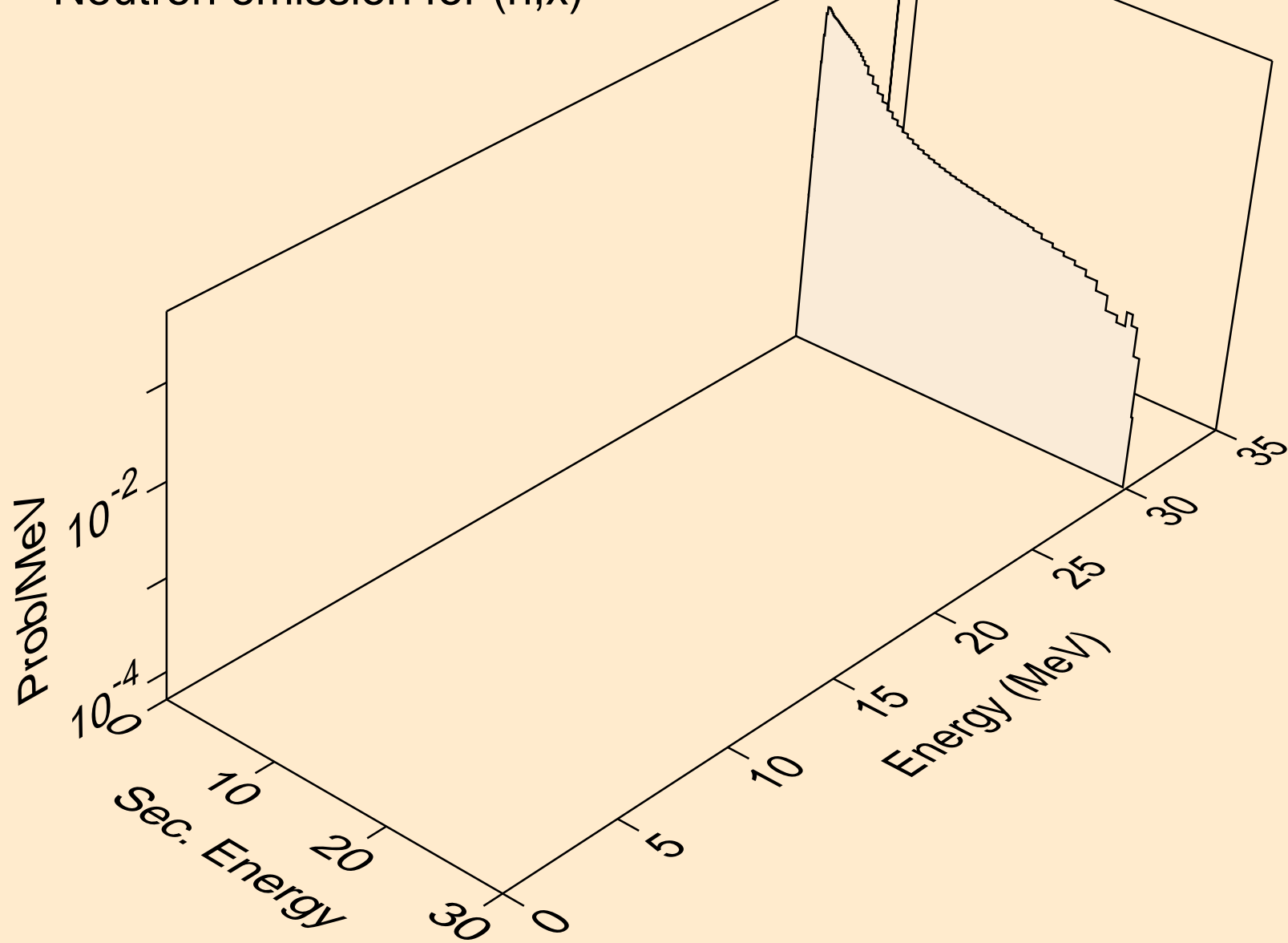


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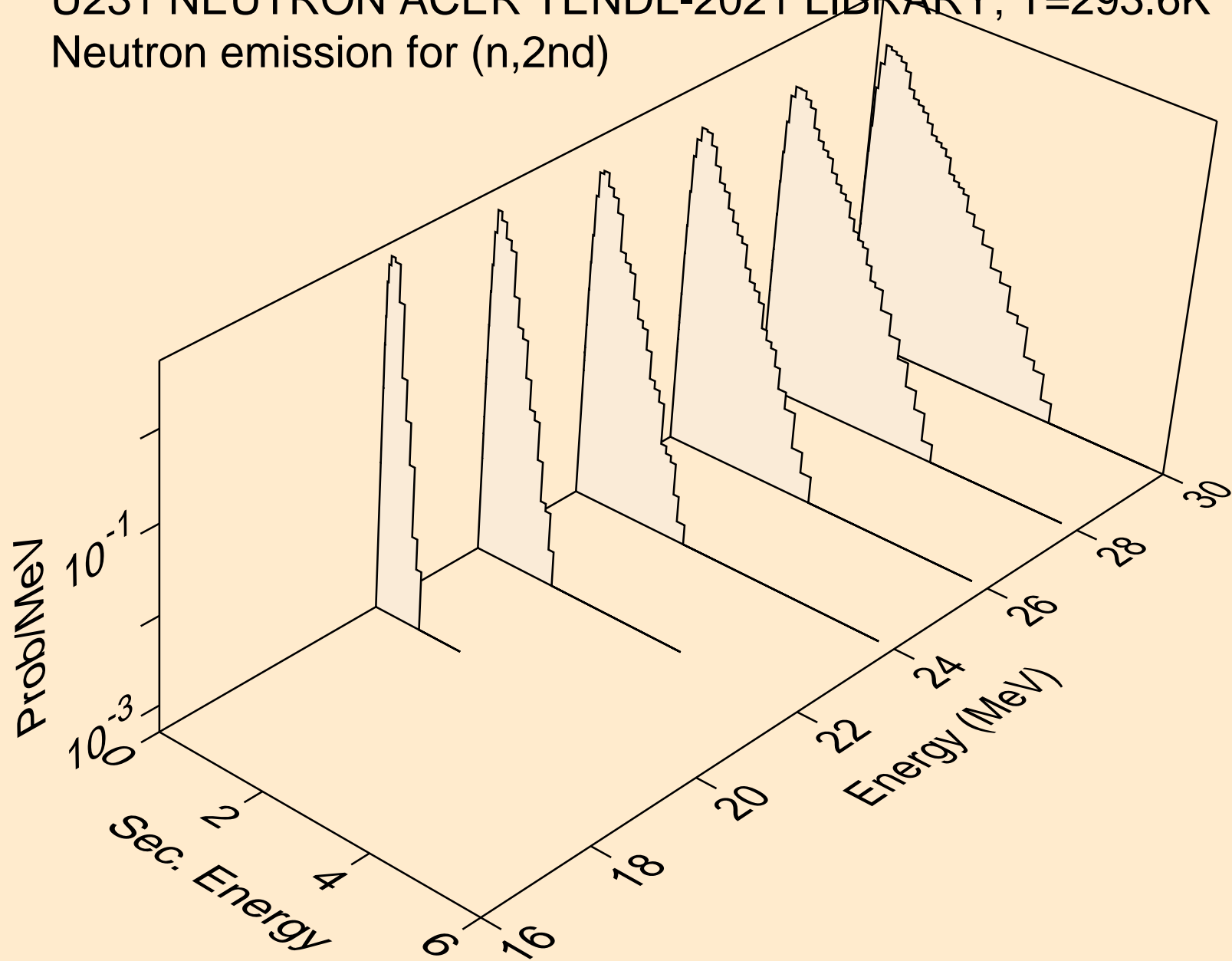
Total fission nubar



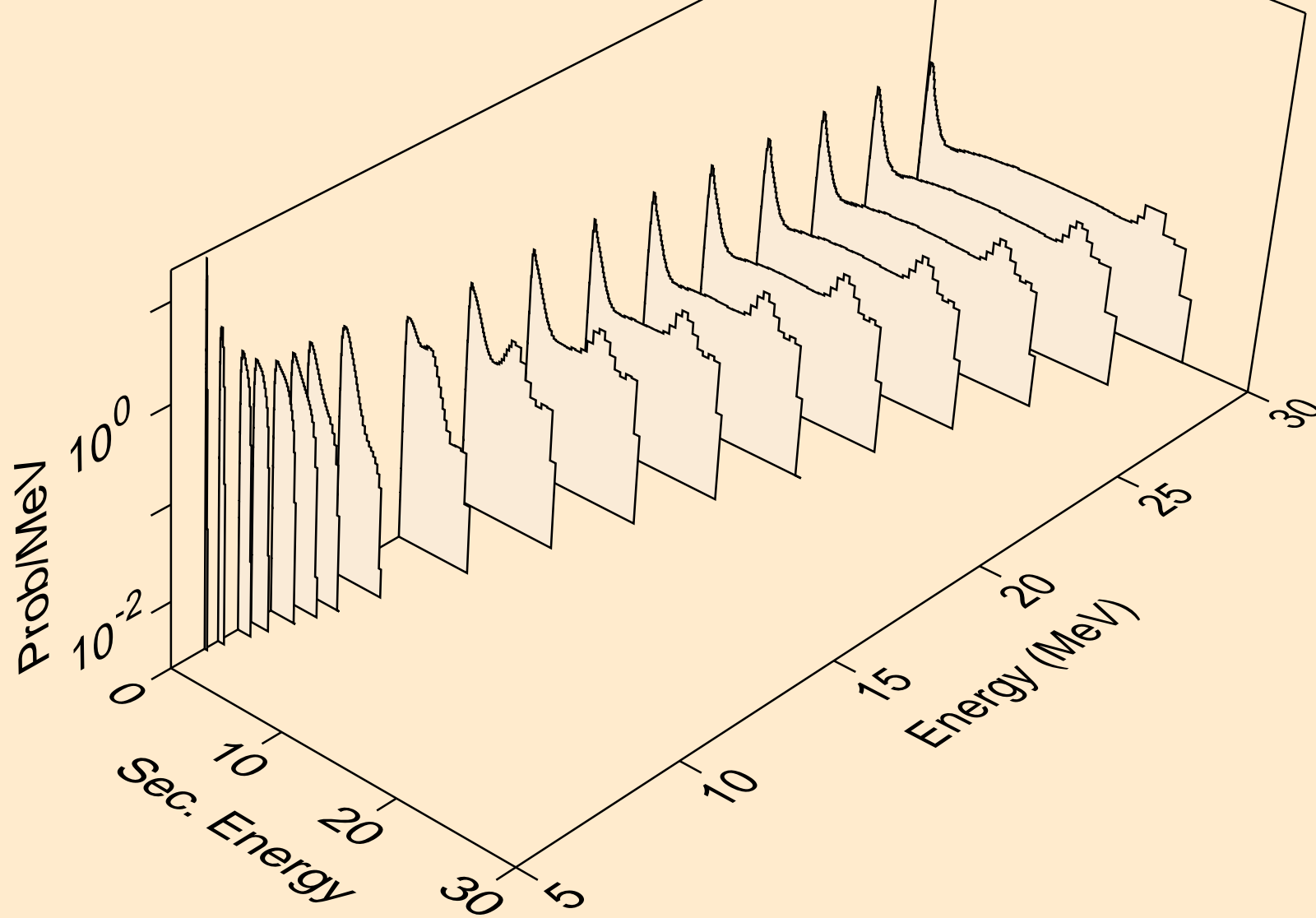
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



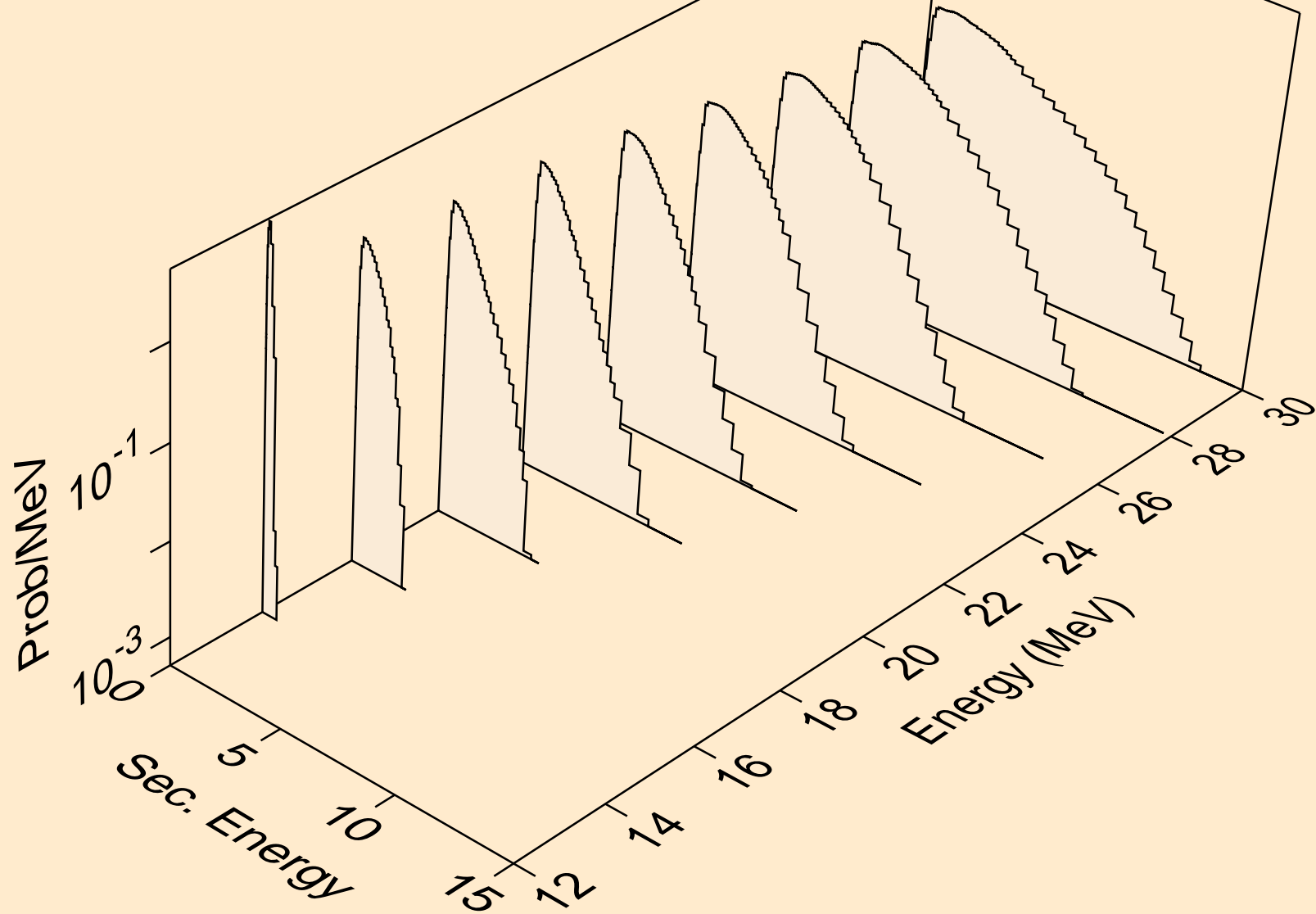
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



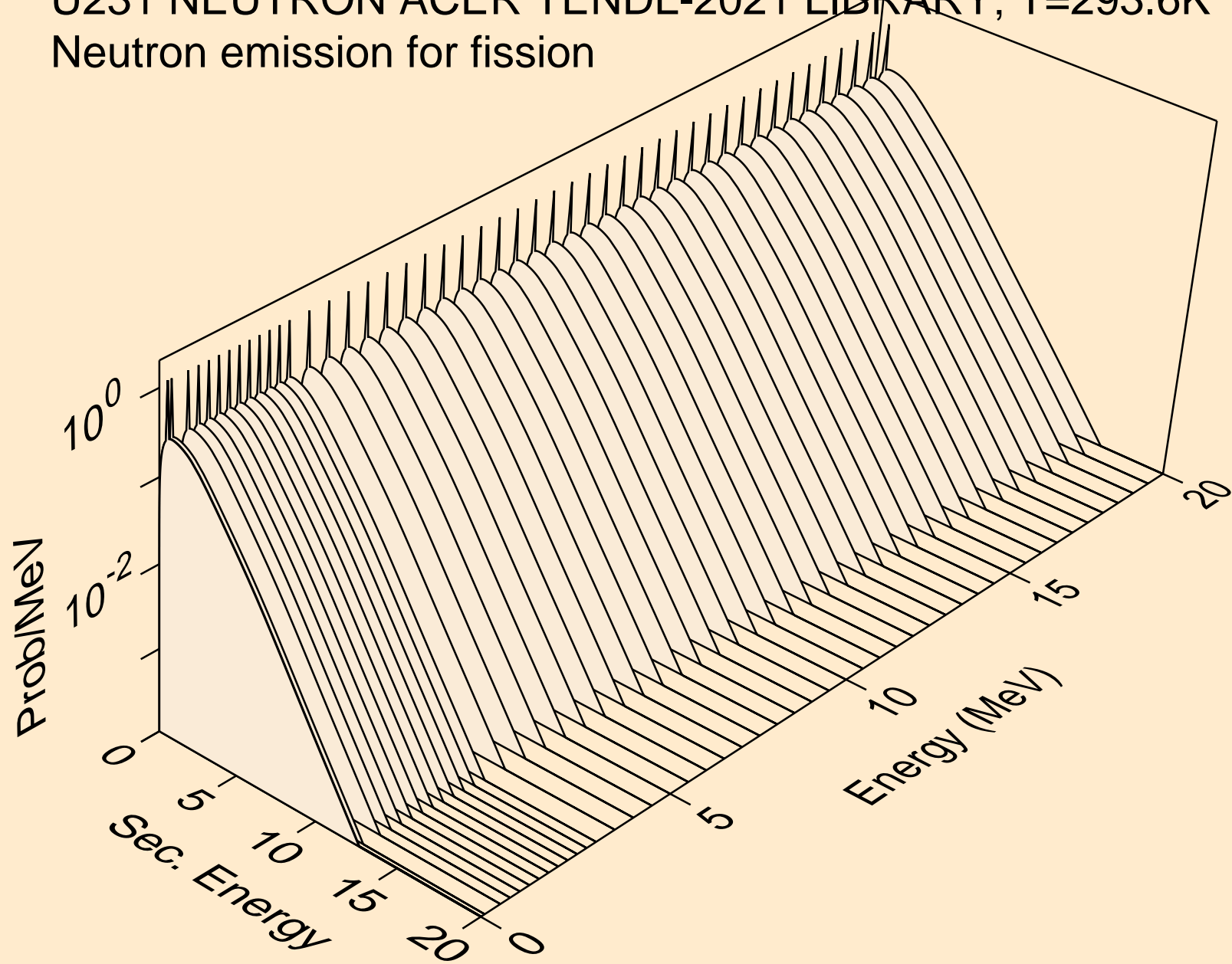
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Neutron emission for (n,2n)



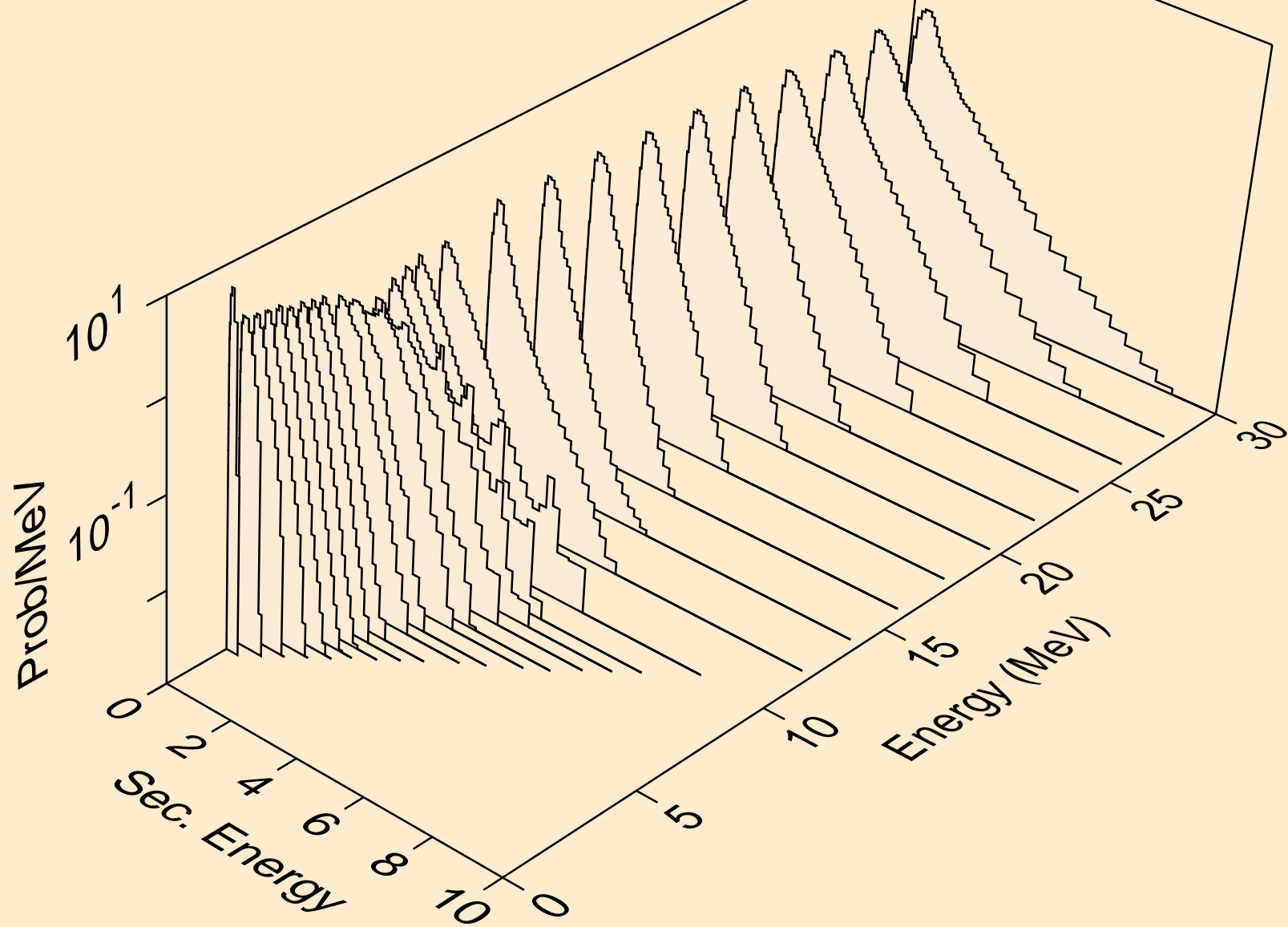
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



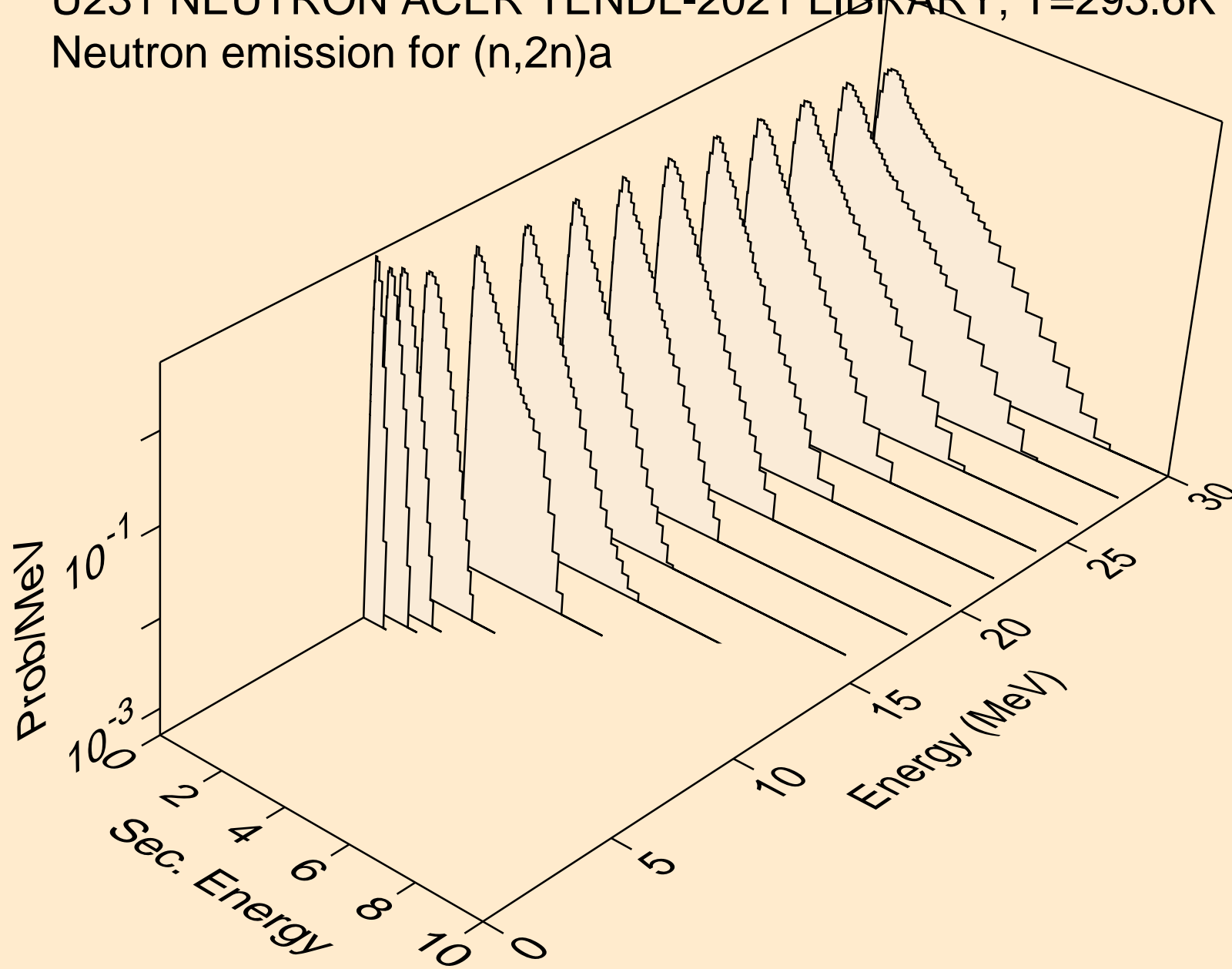
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for fission



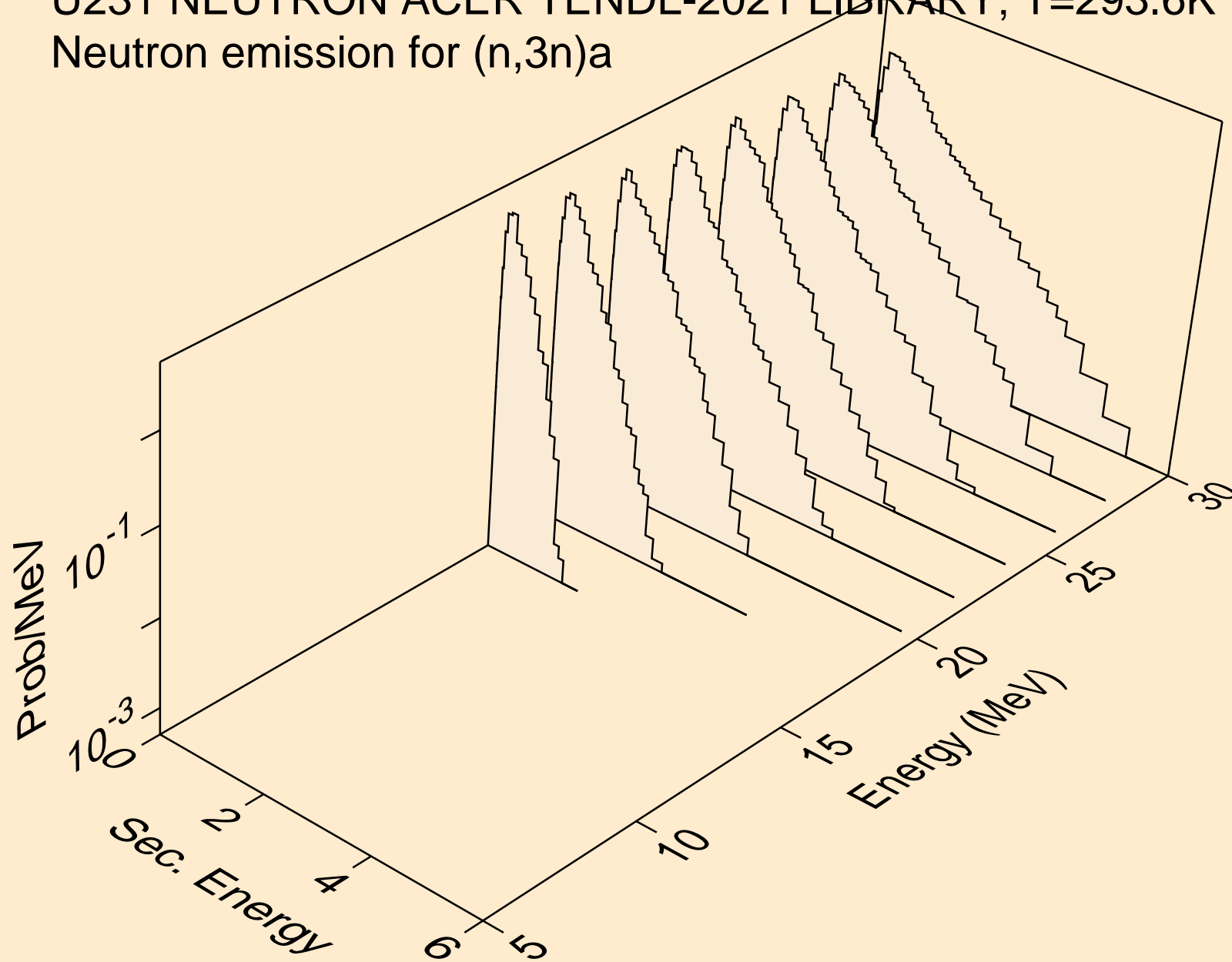
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



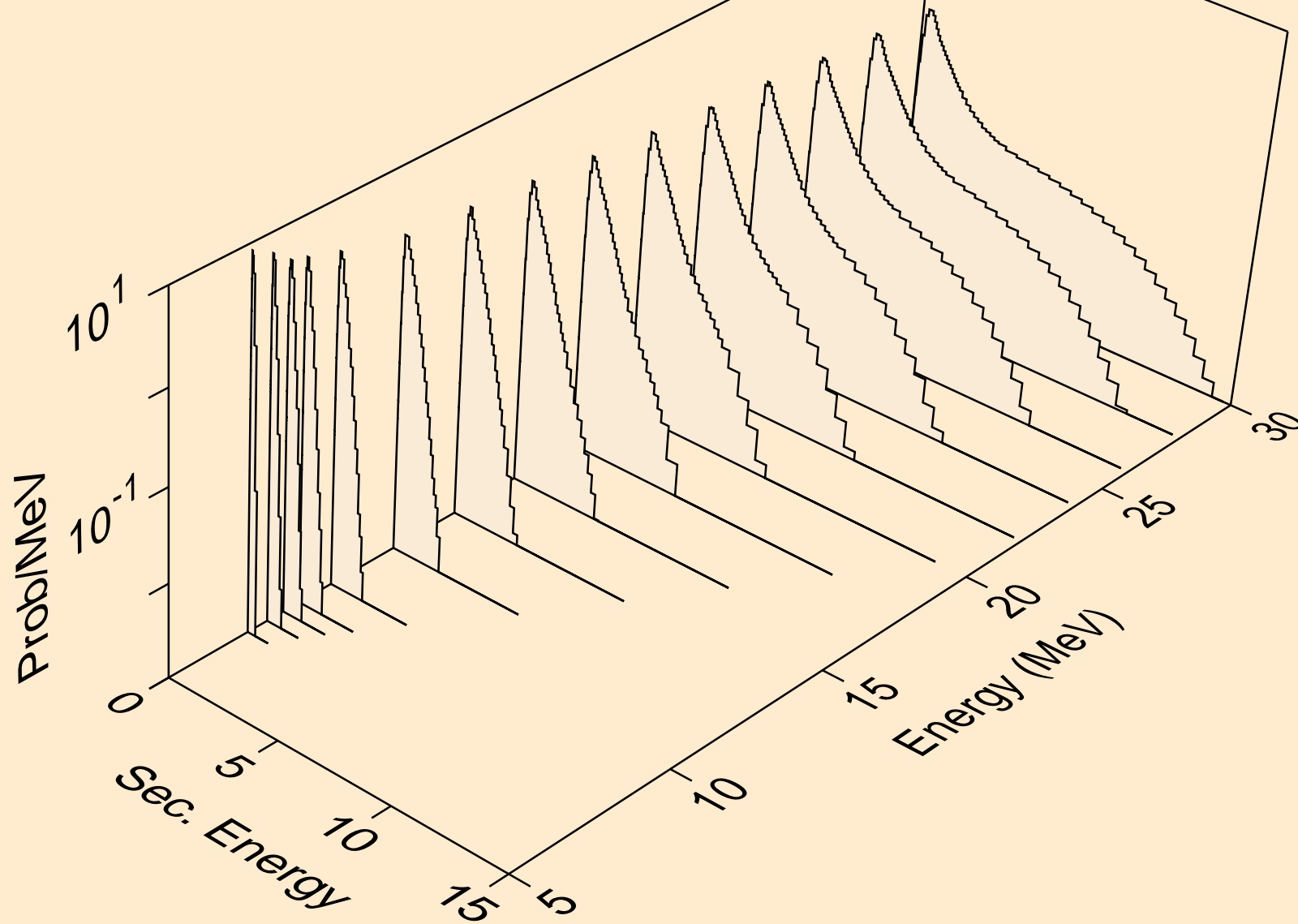
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Neutron emission for (n,2n)a



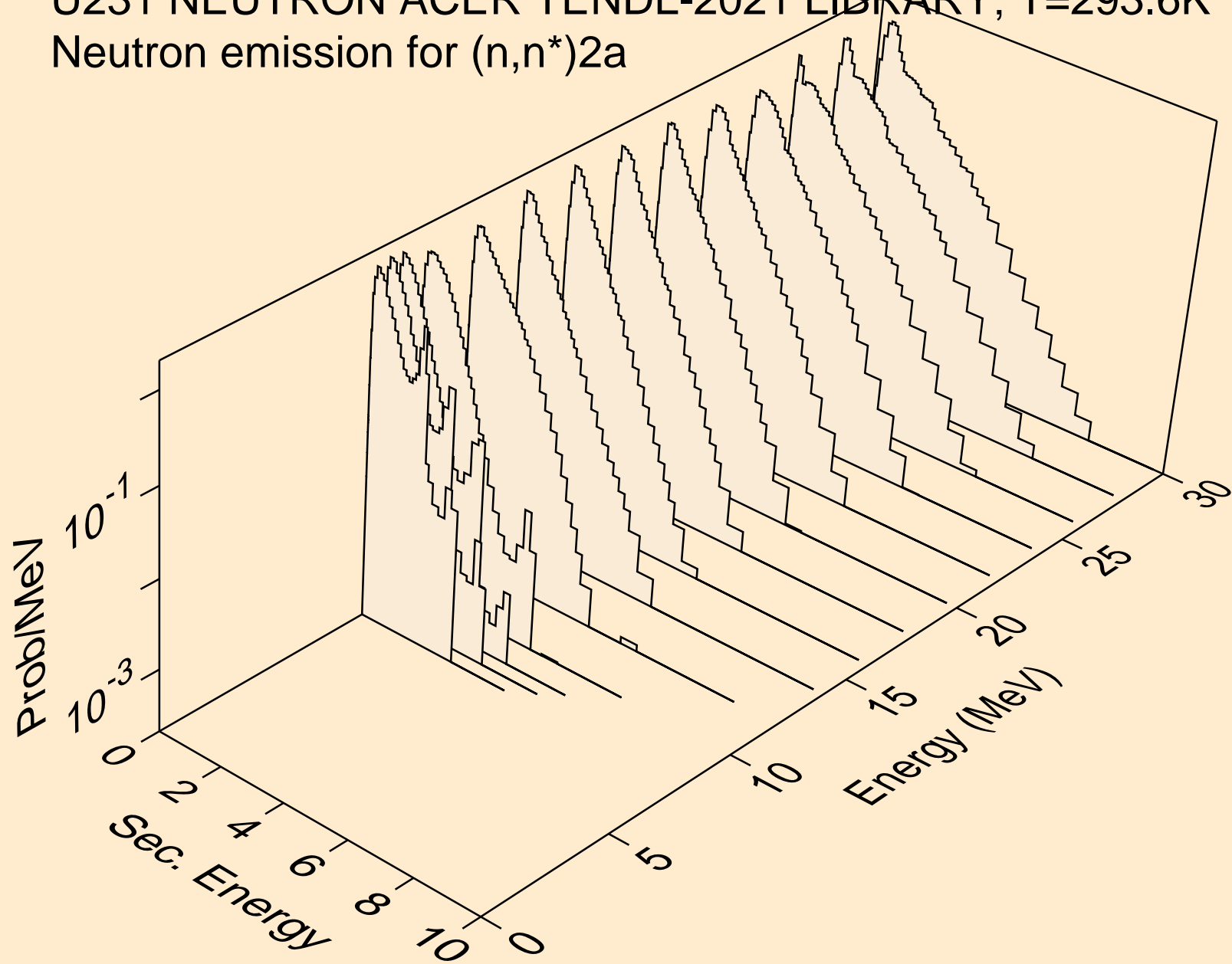
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



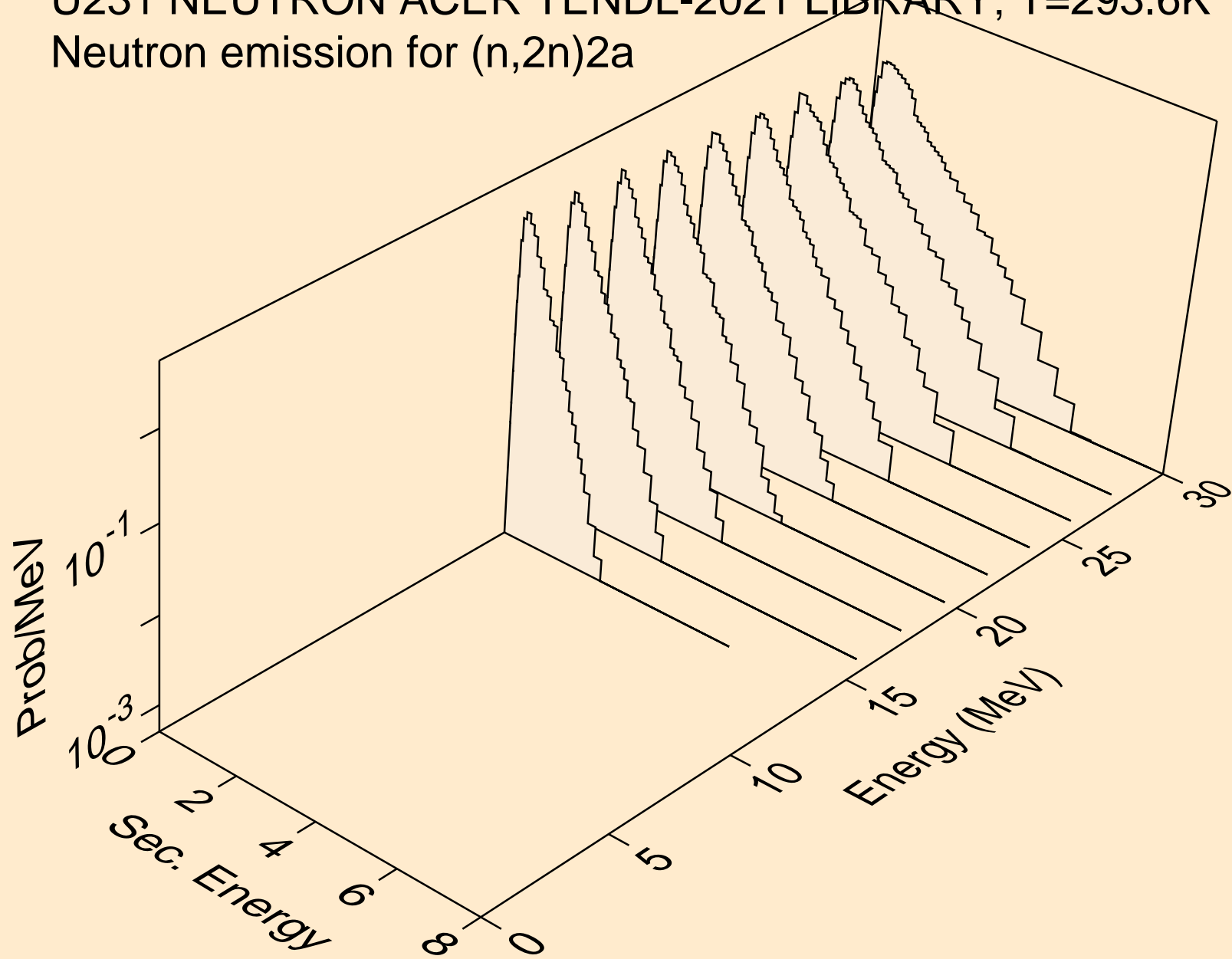
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



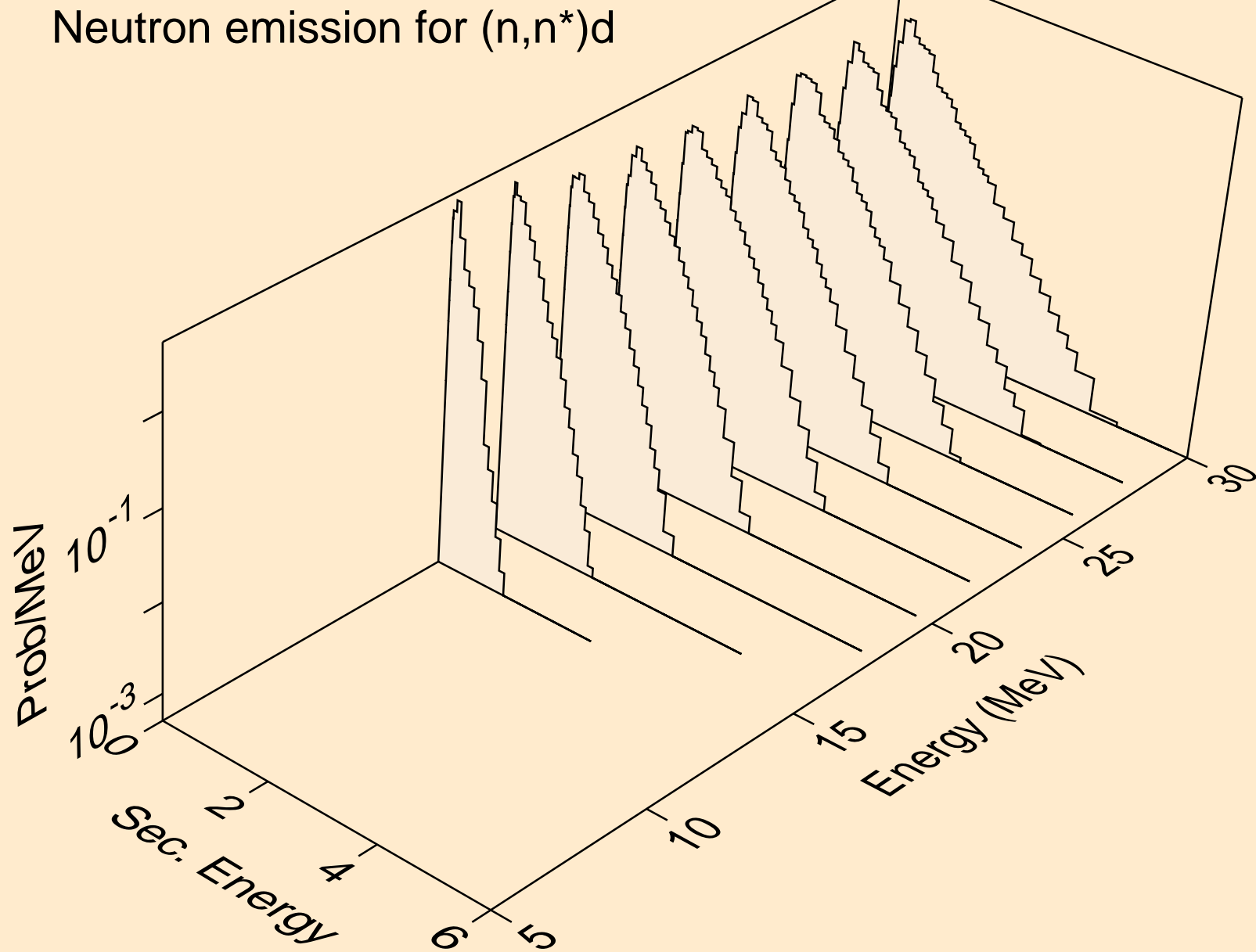
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Neutron emission for (n,n*)2a



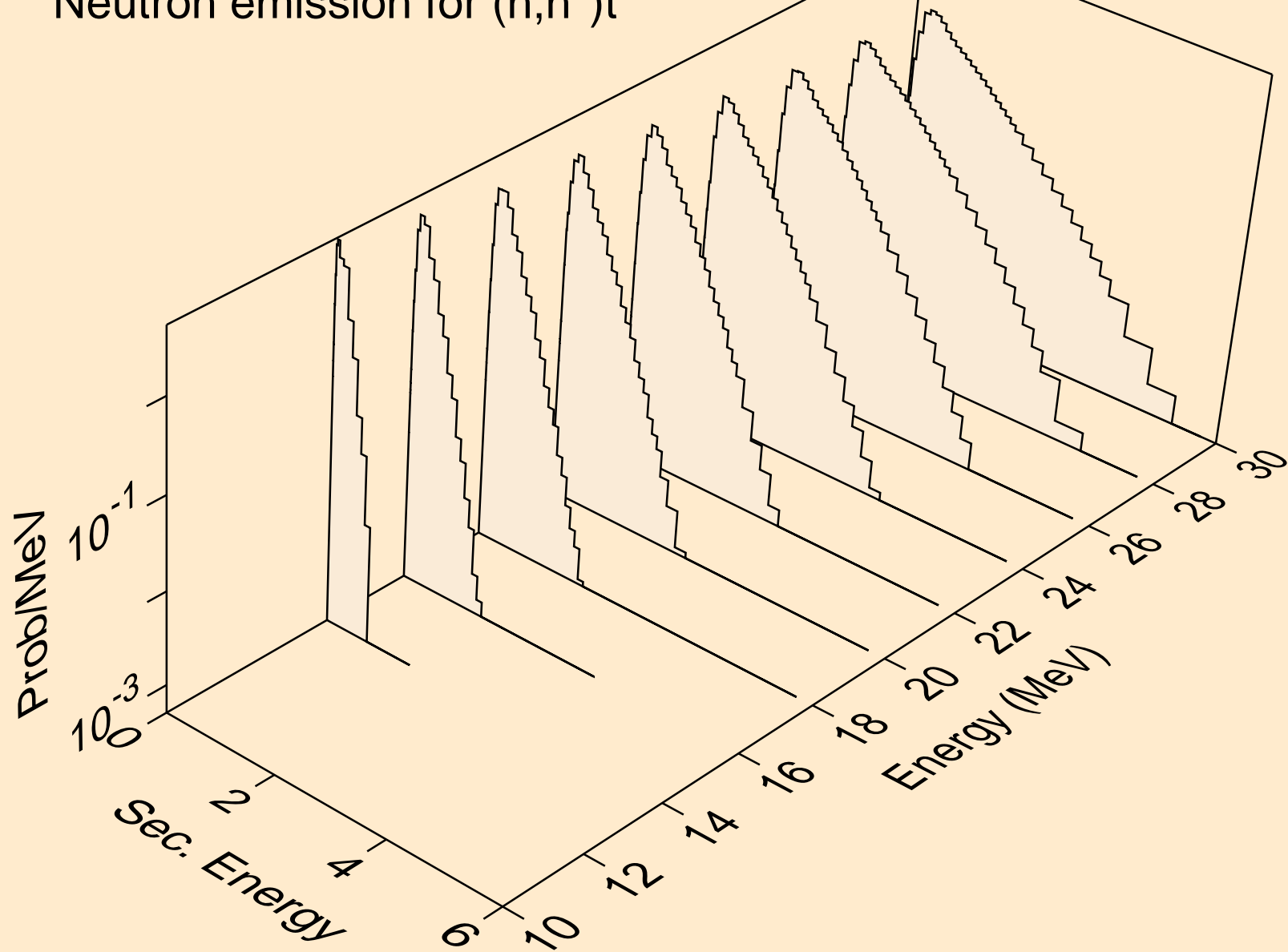
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



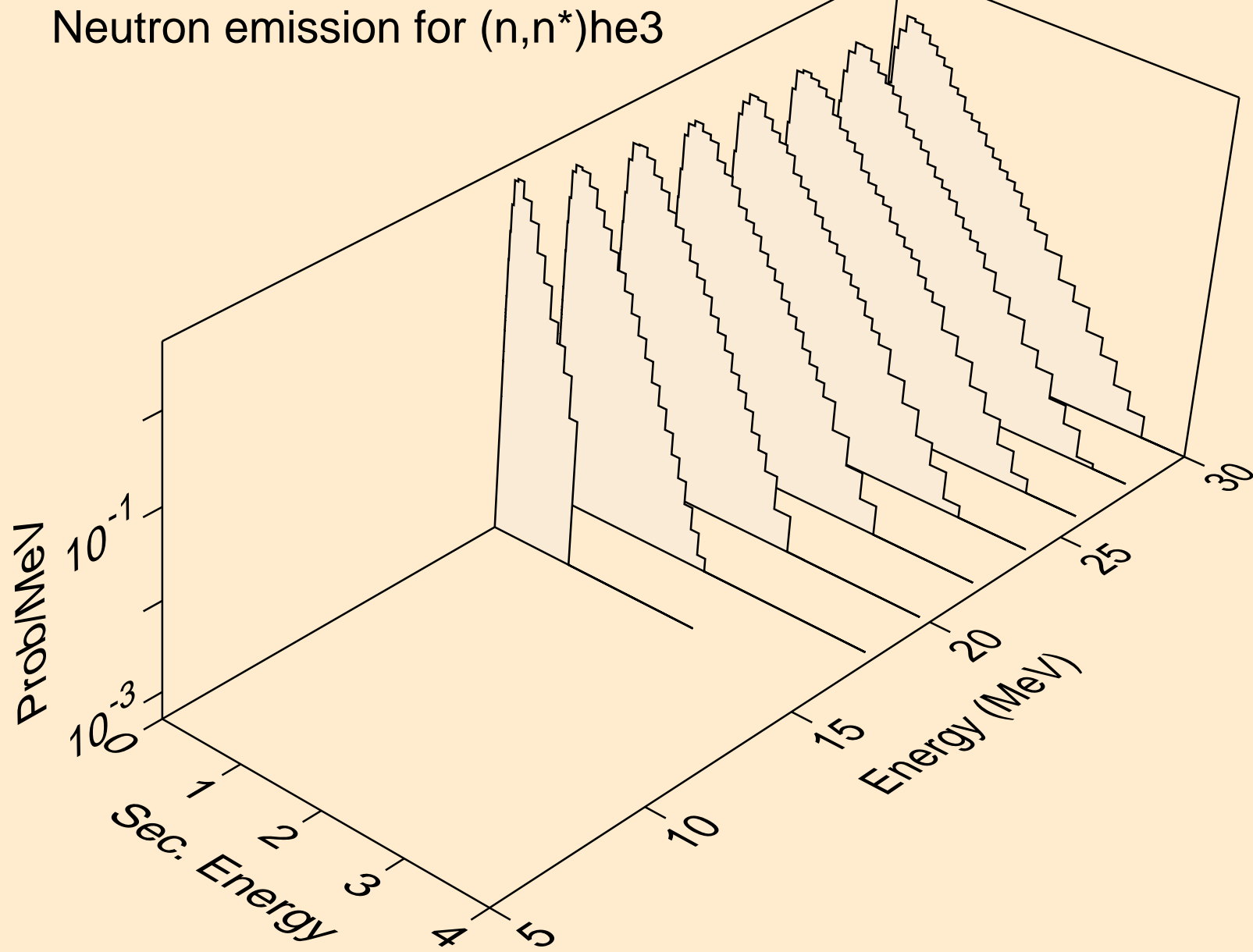
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



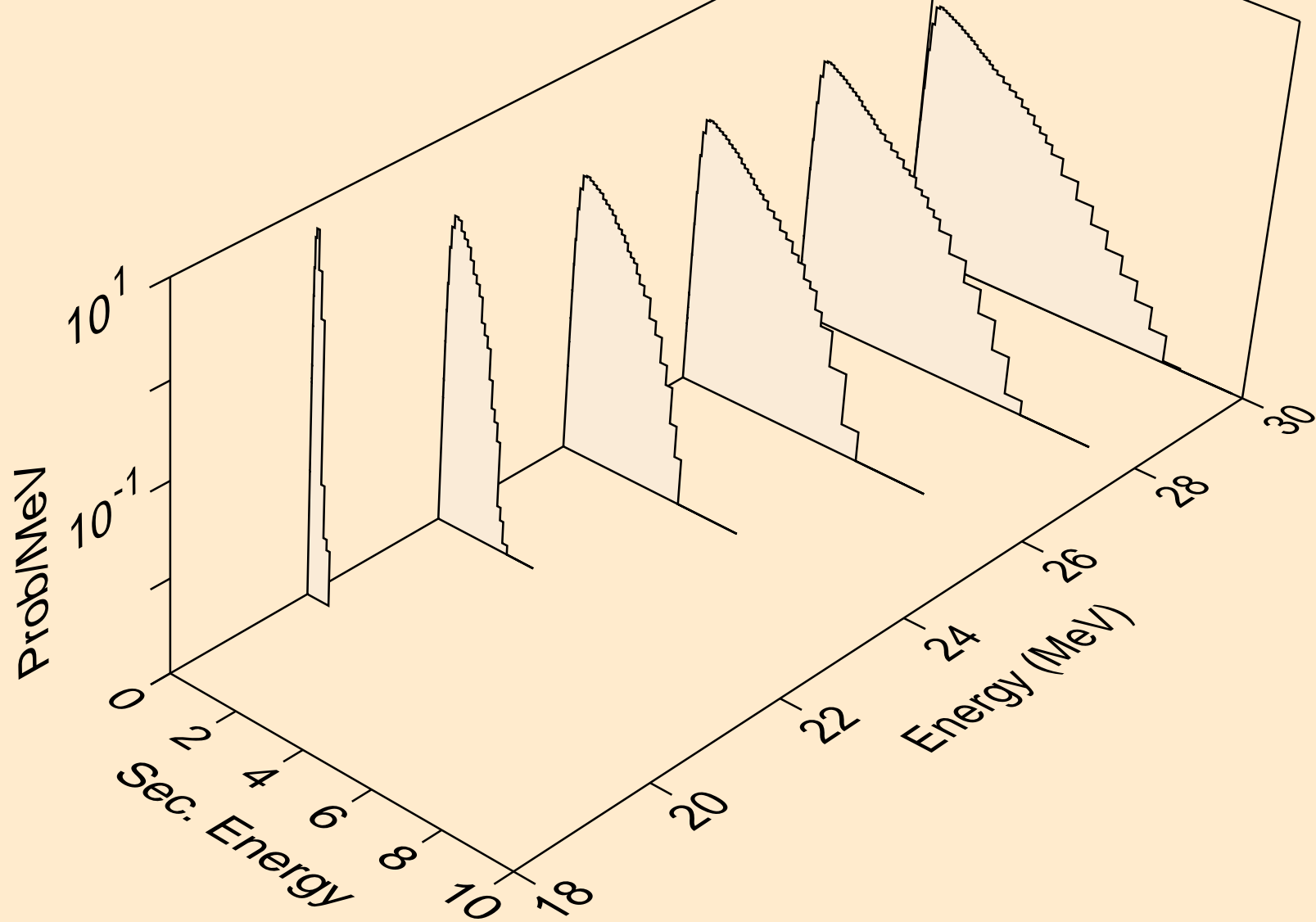
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



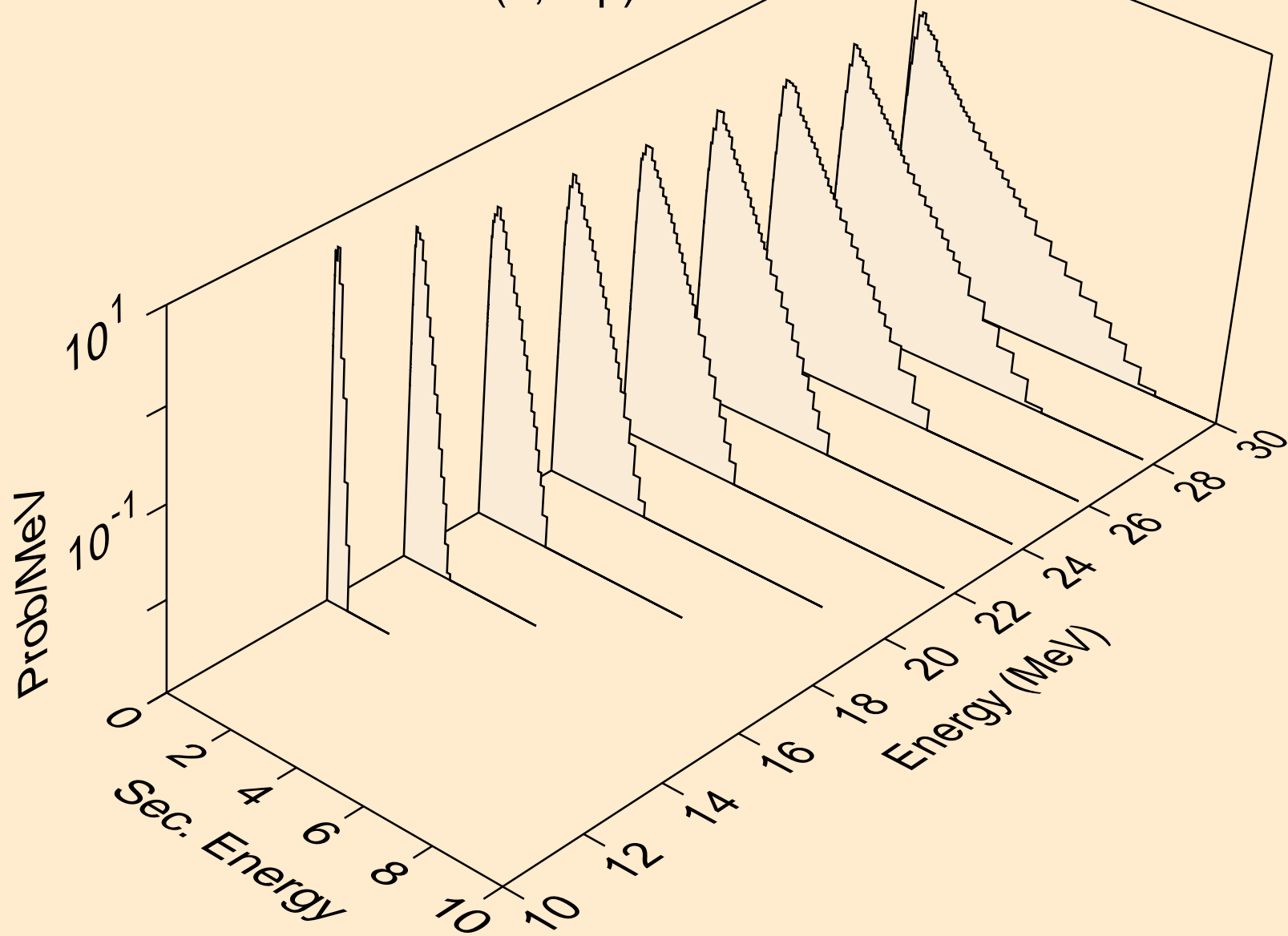
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



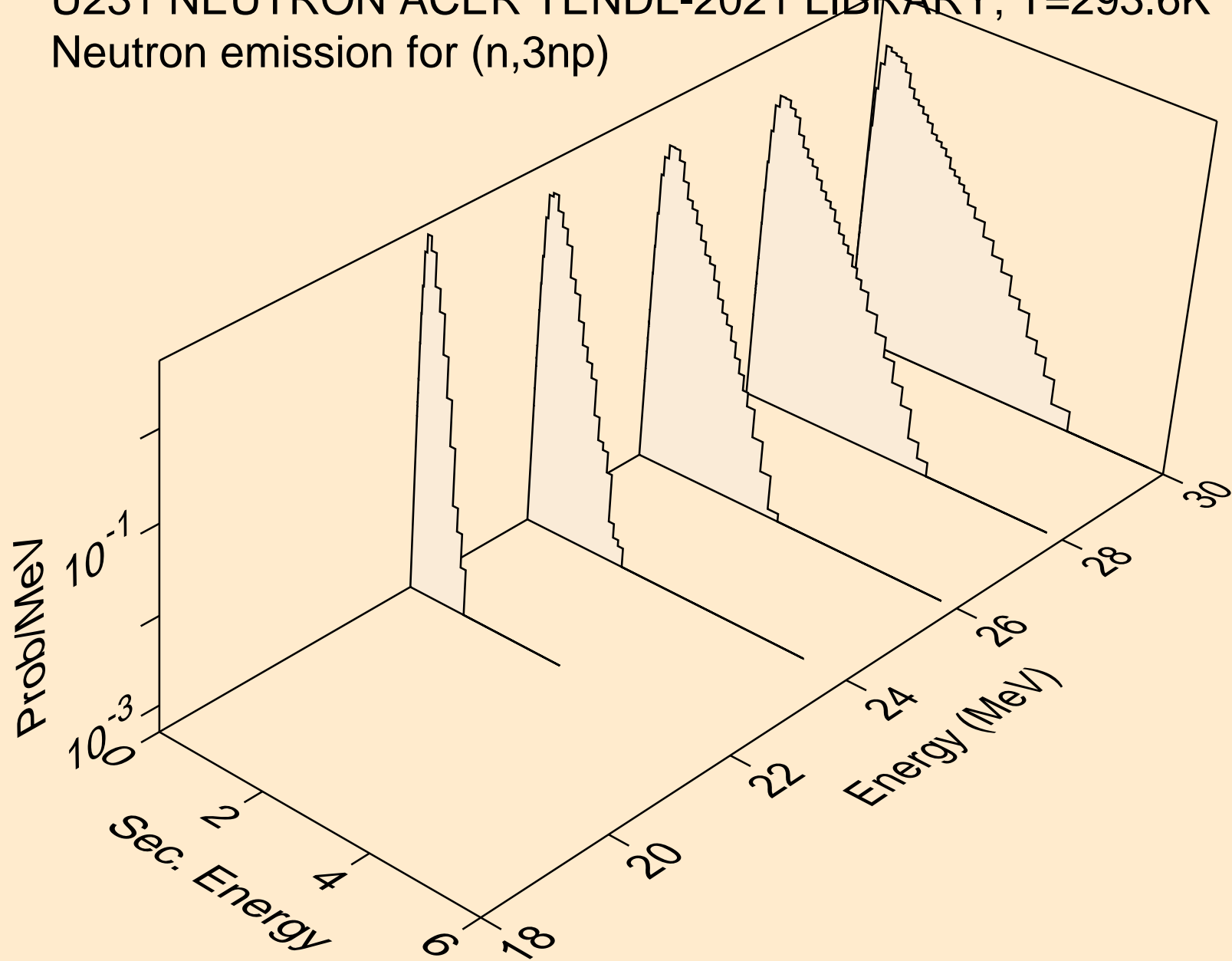
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Neutron emission for (n,4n)



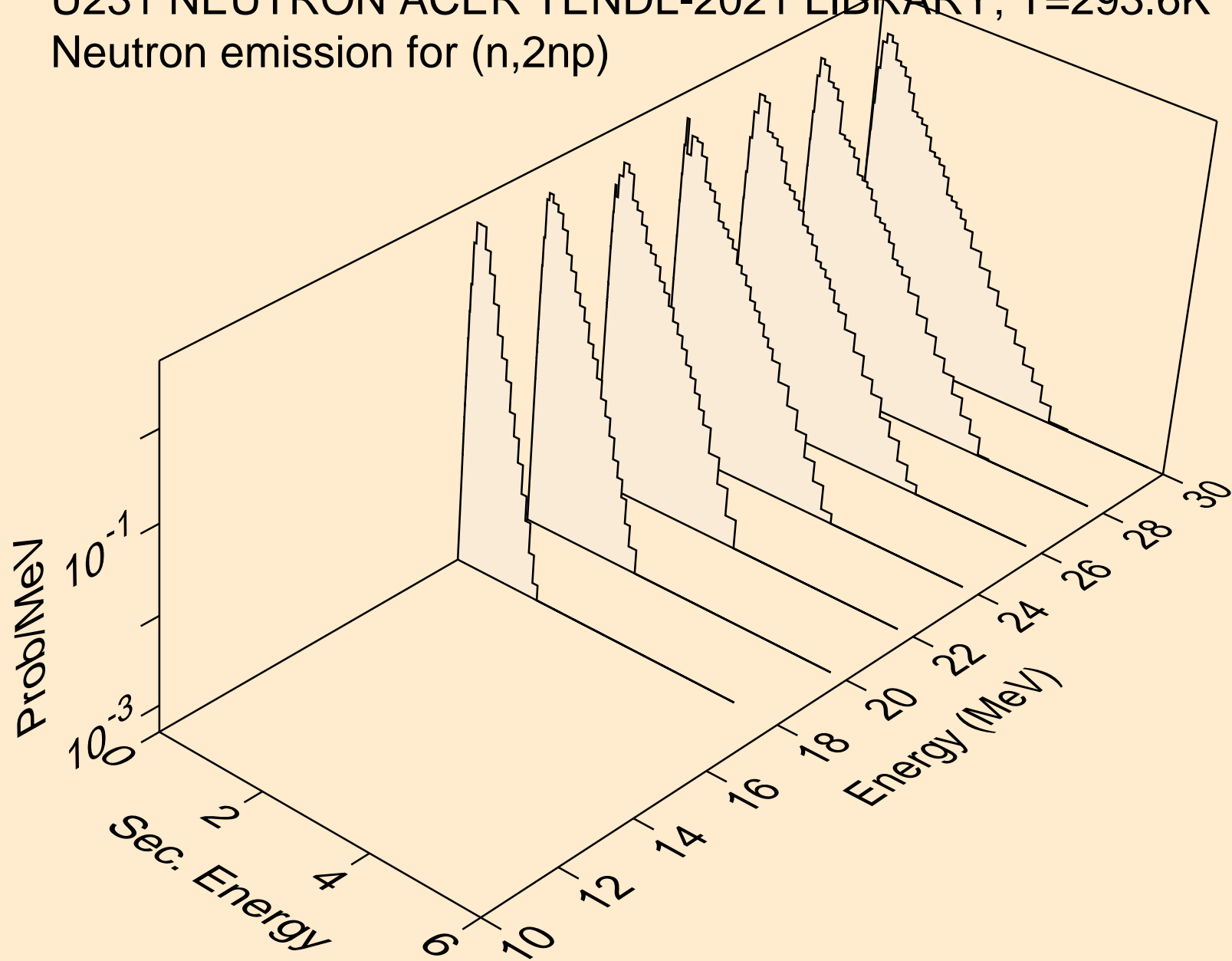
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



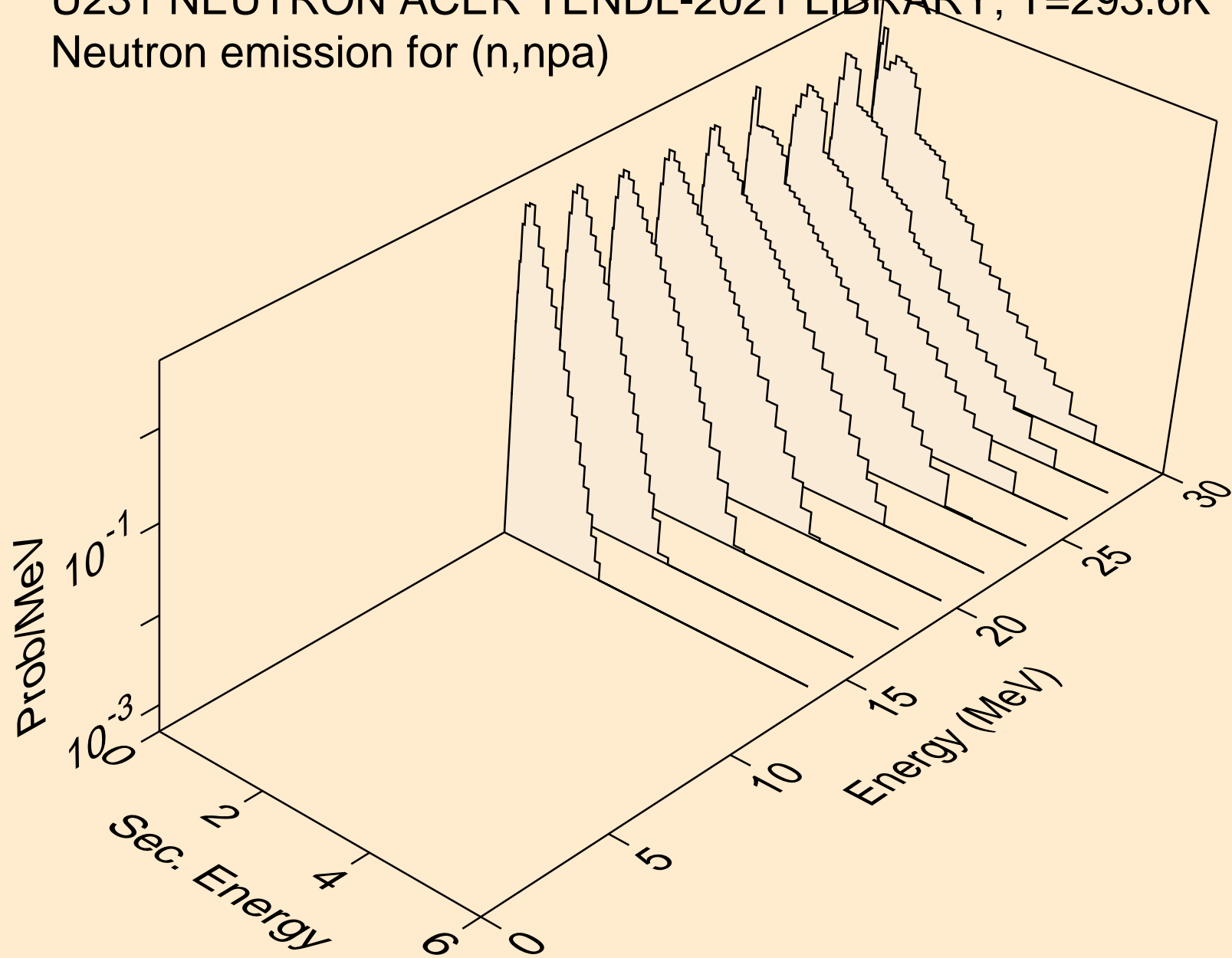
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



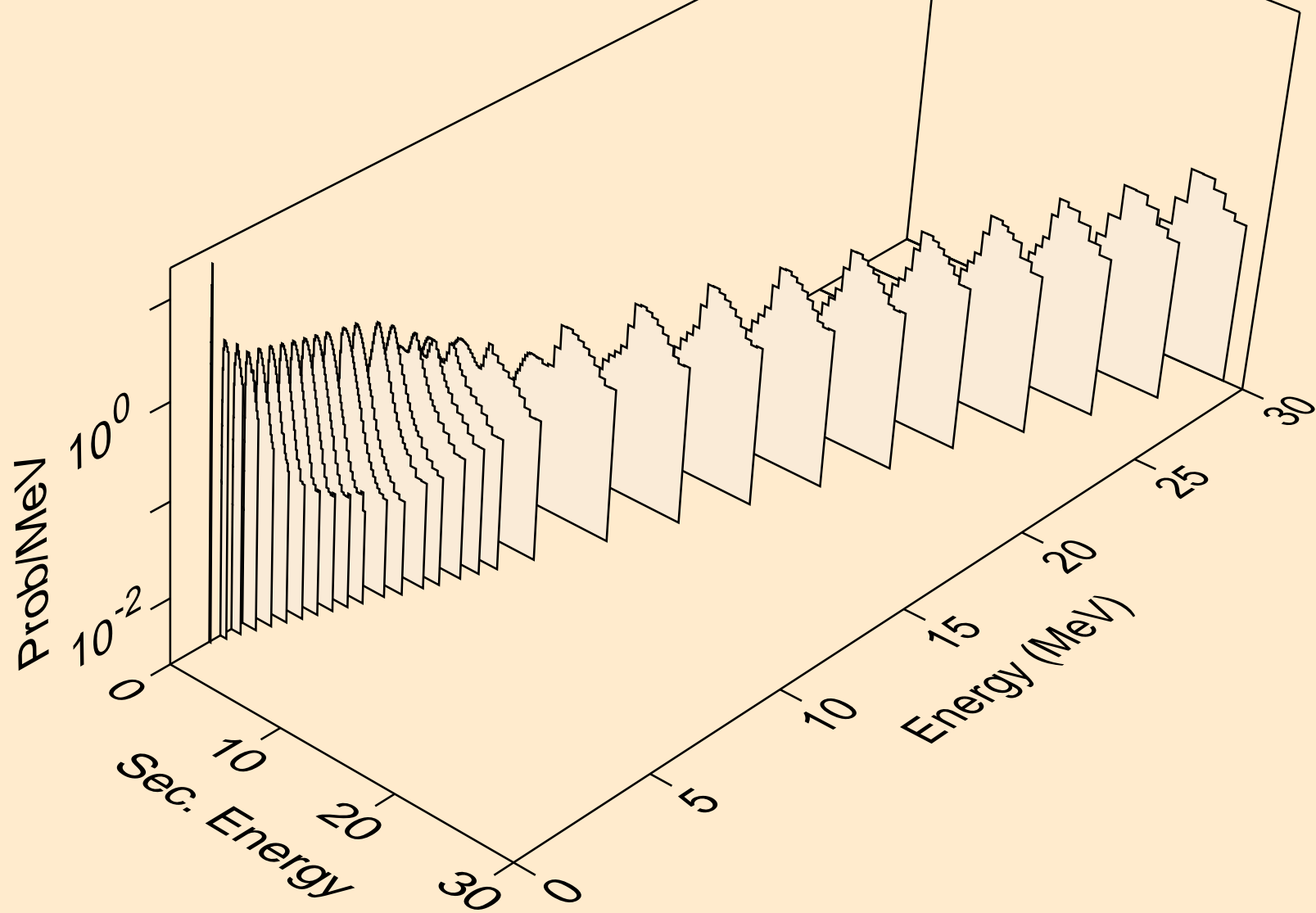
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)

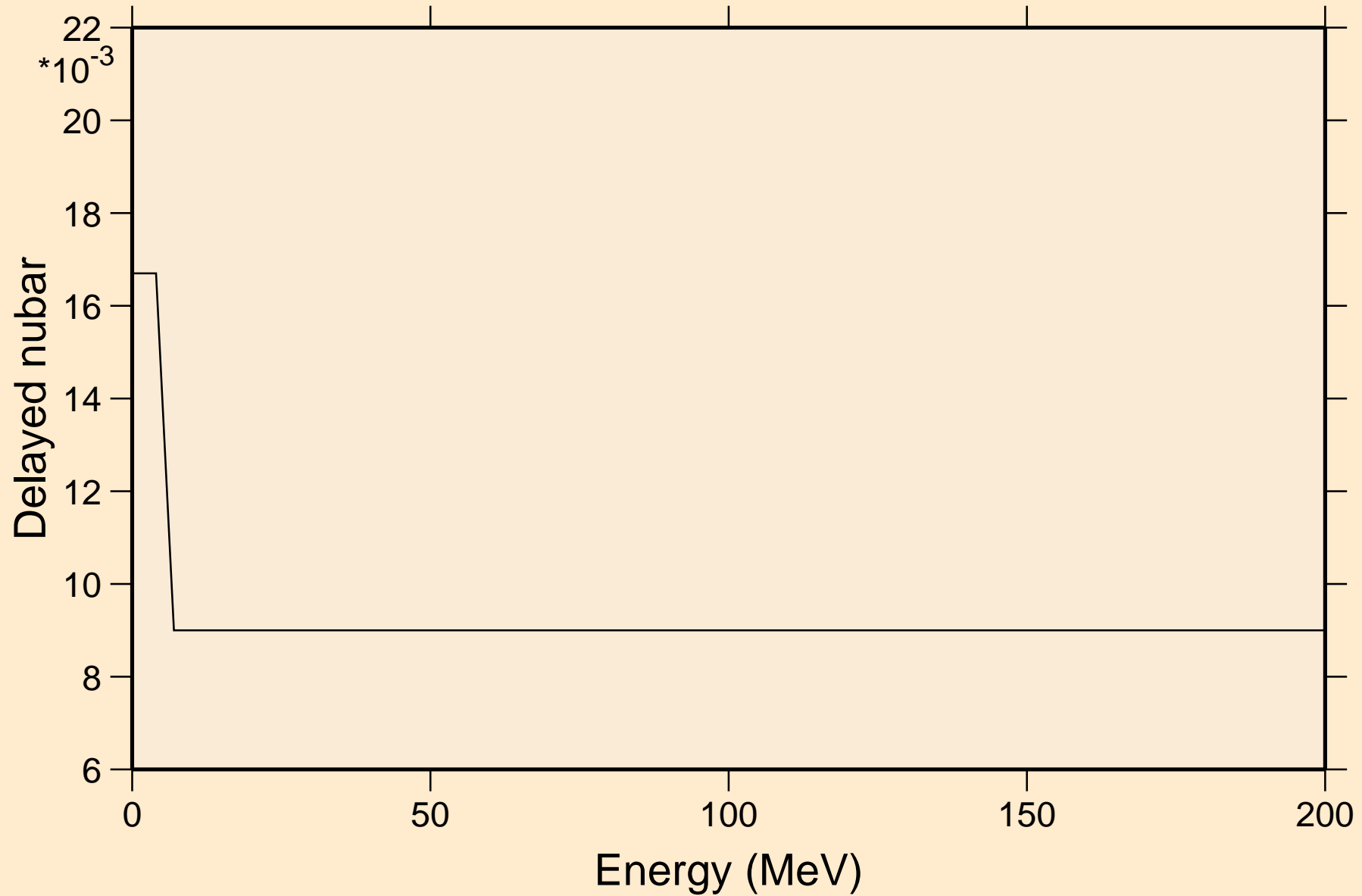


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



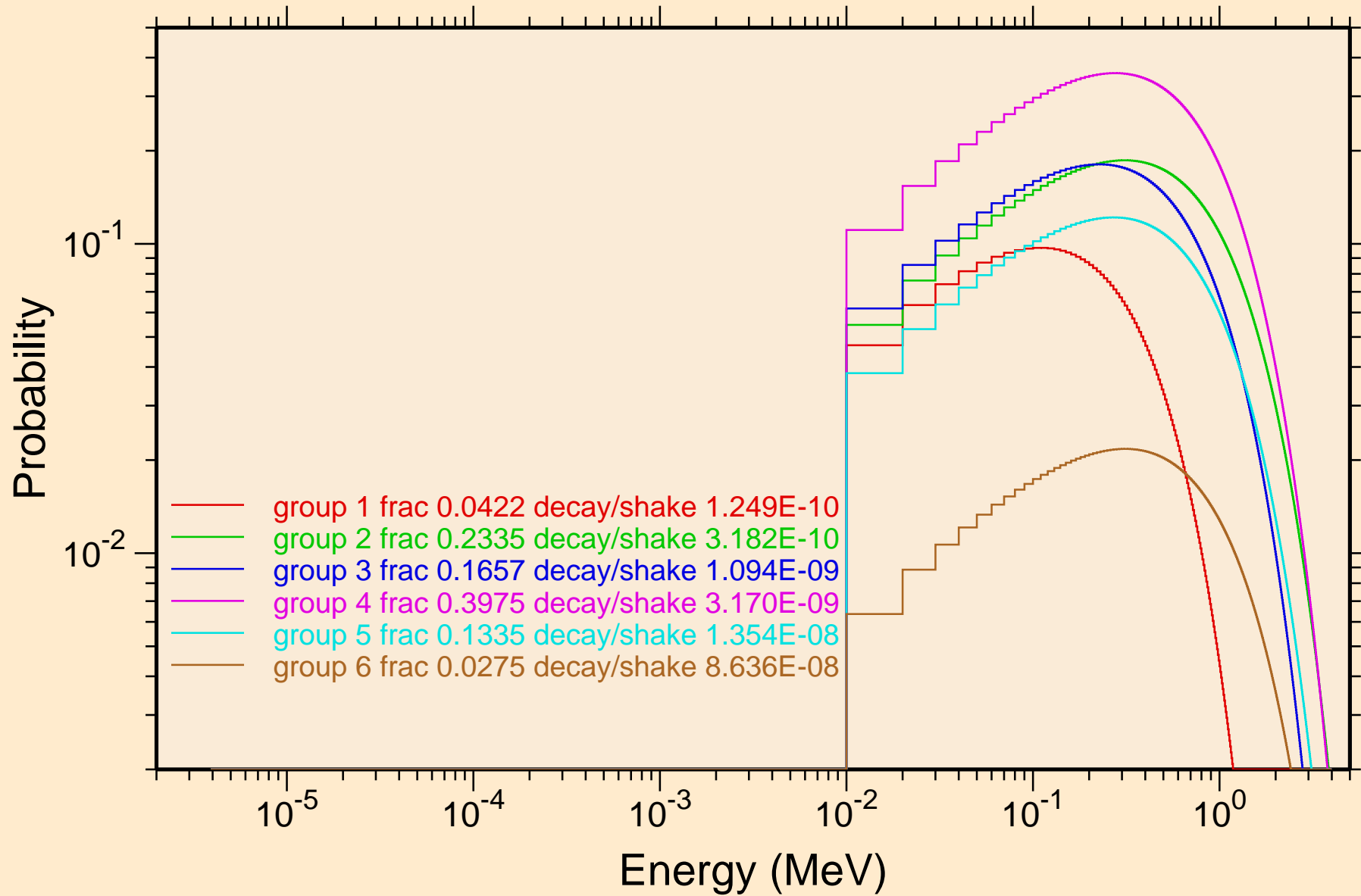
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Delayed nubar

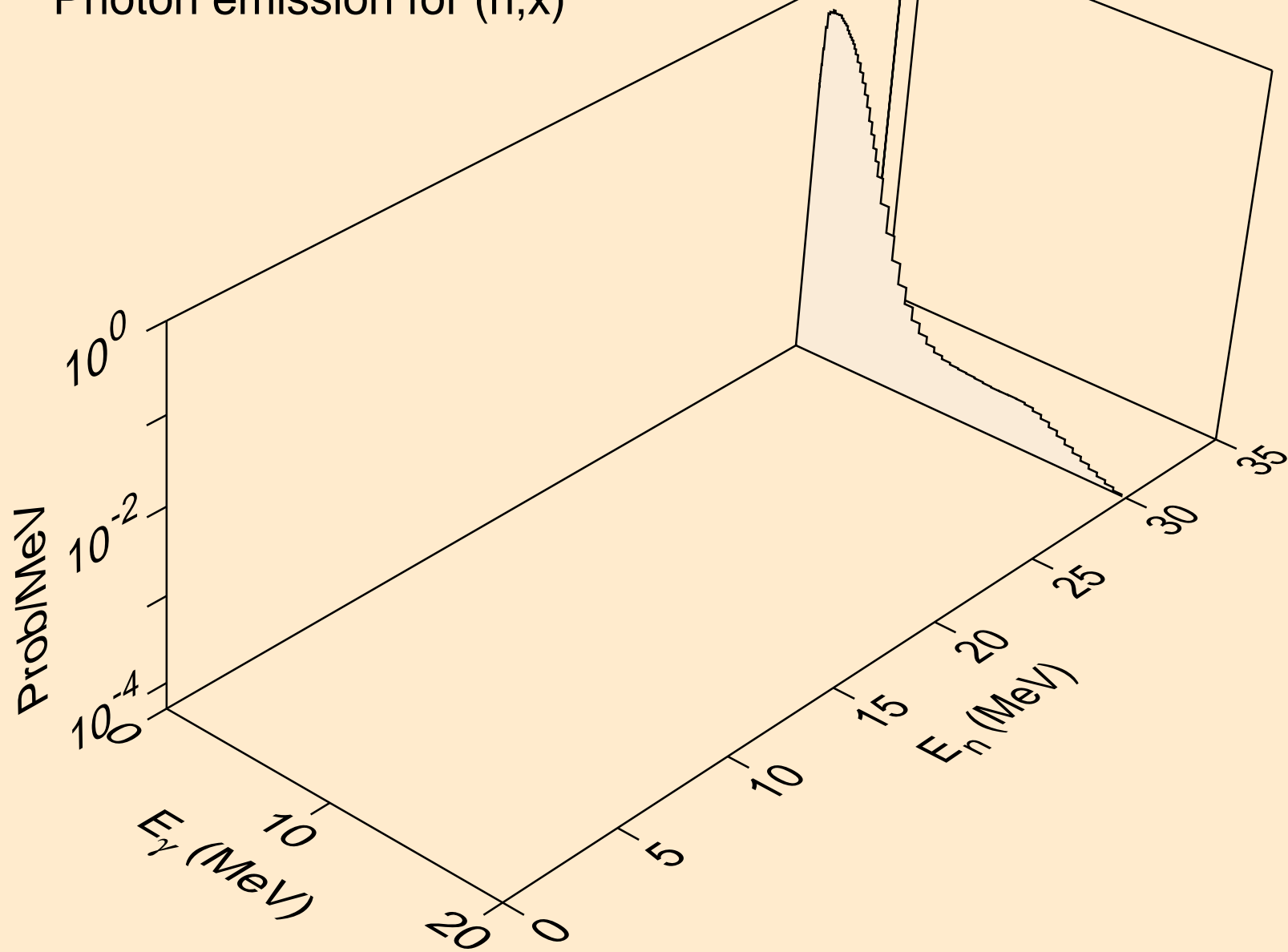


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

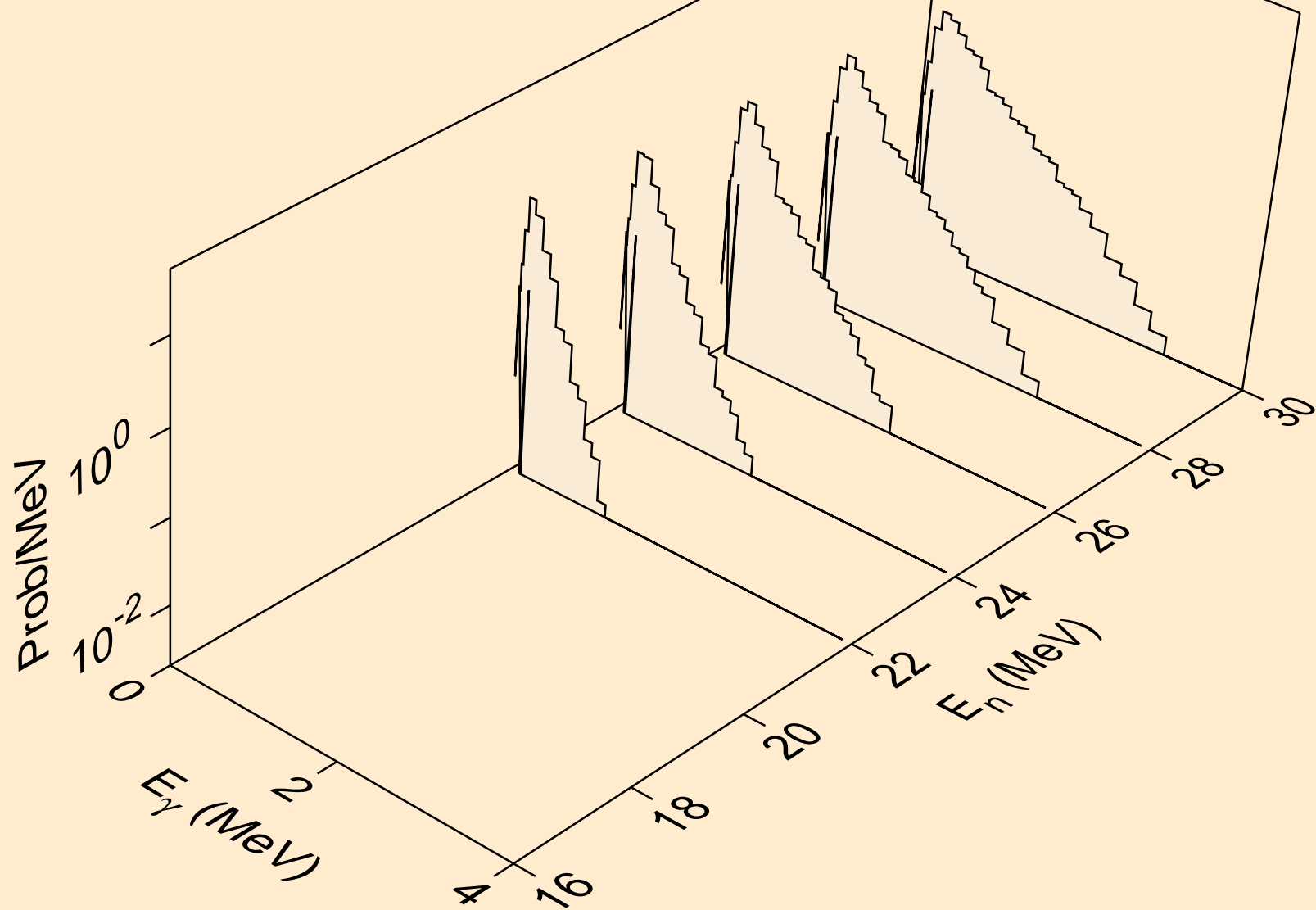
Delayed neutron spectra



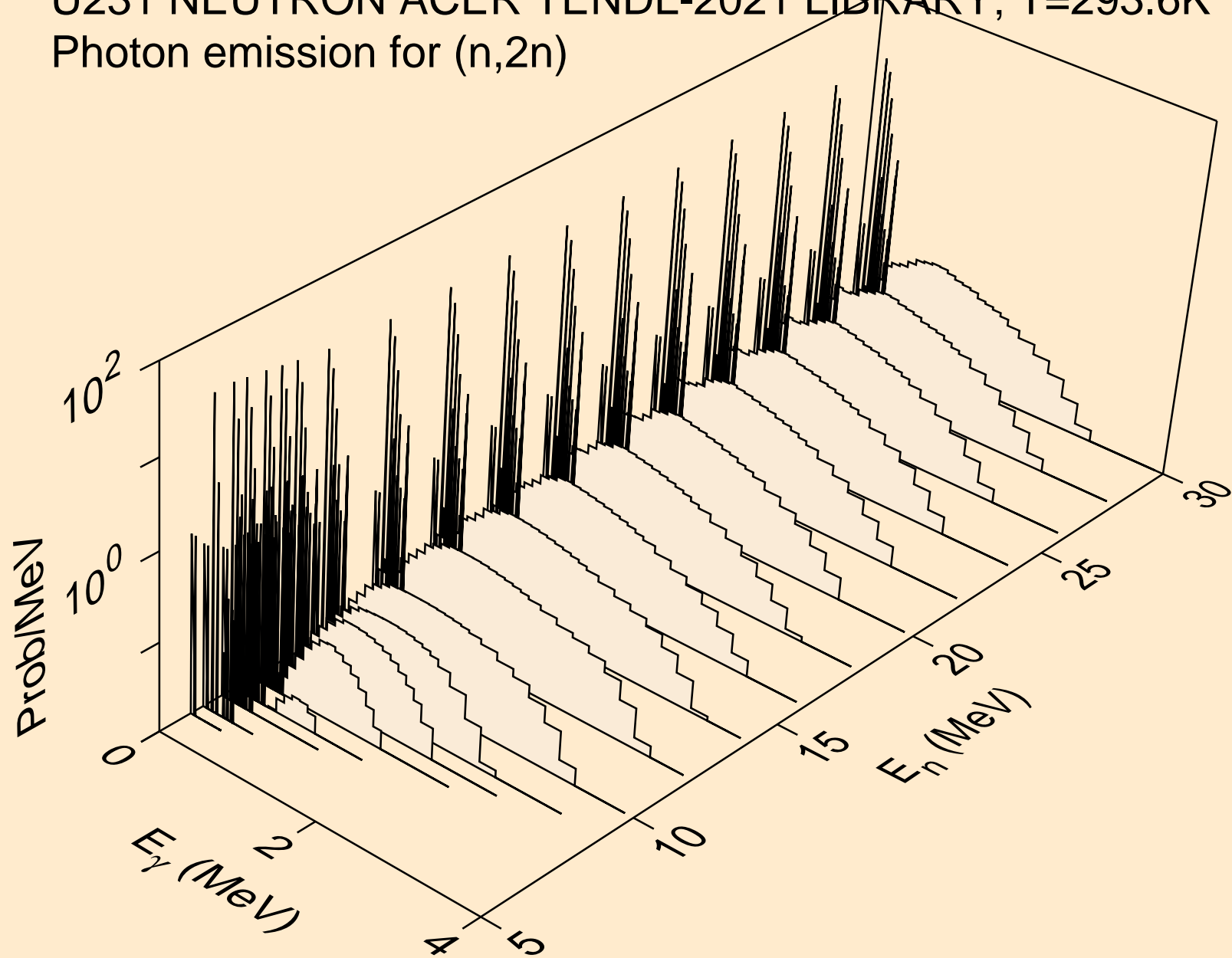
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



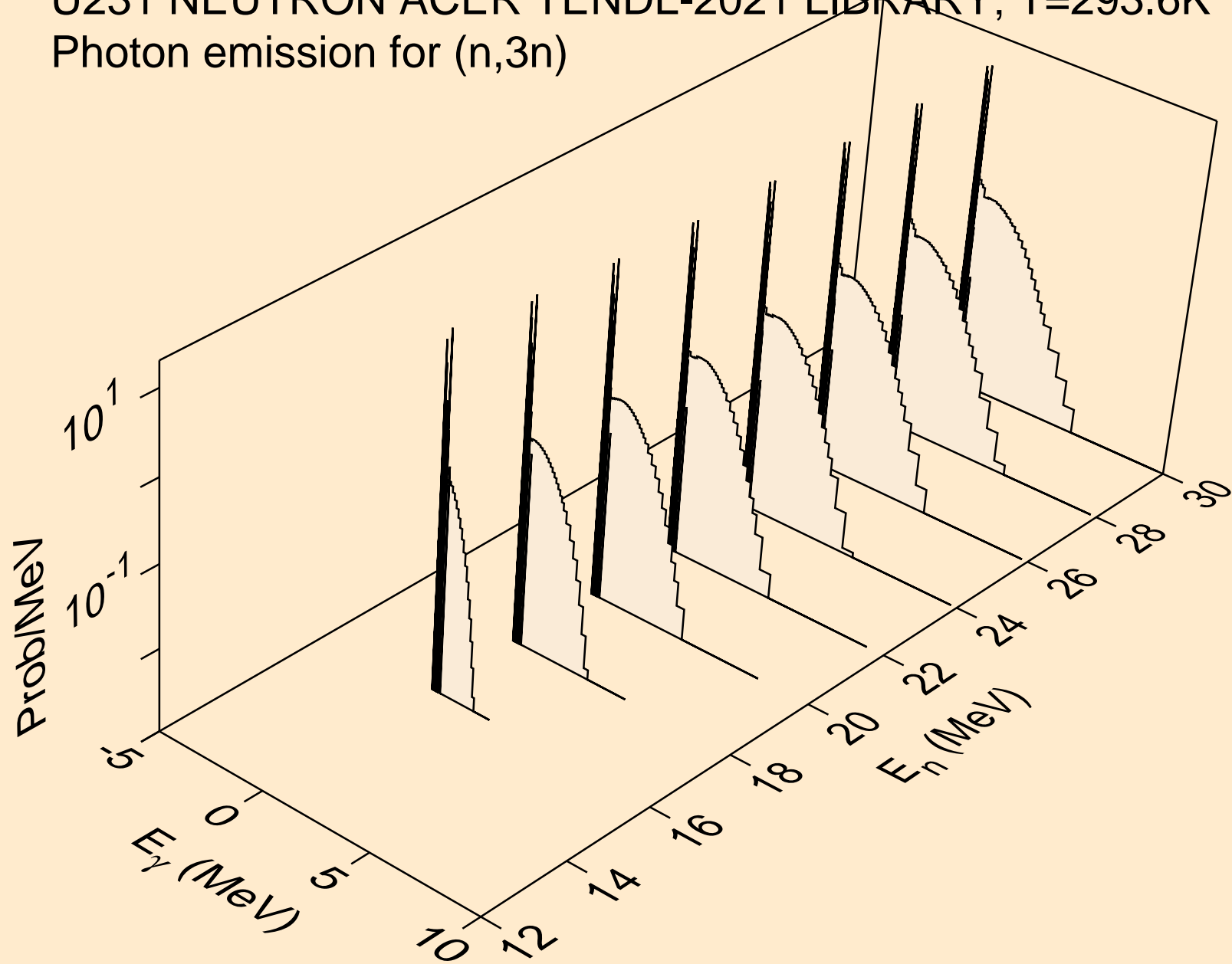
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



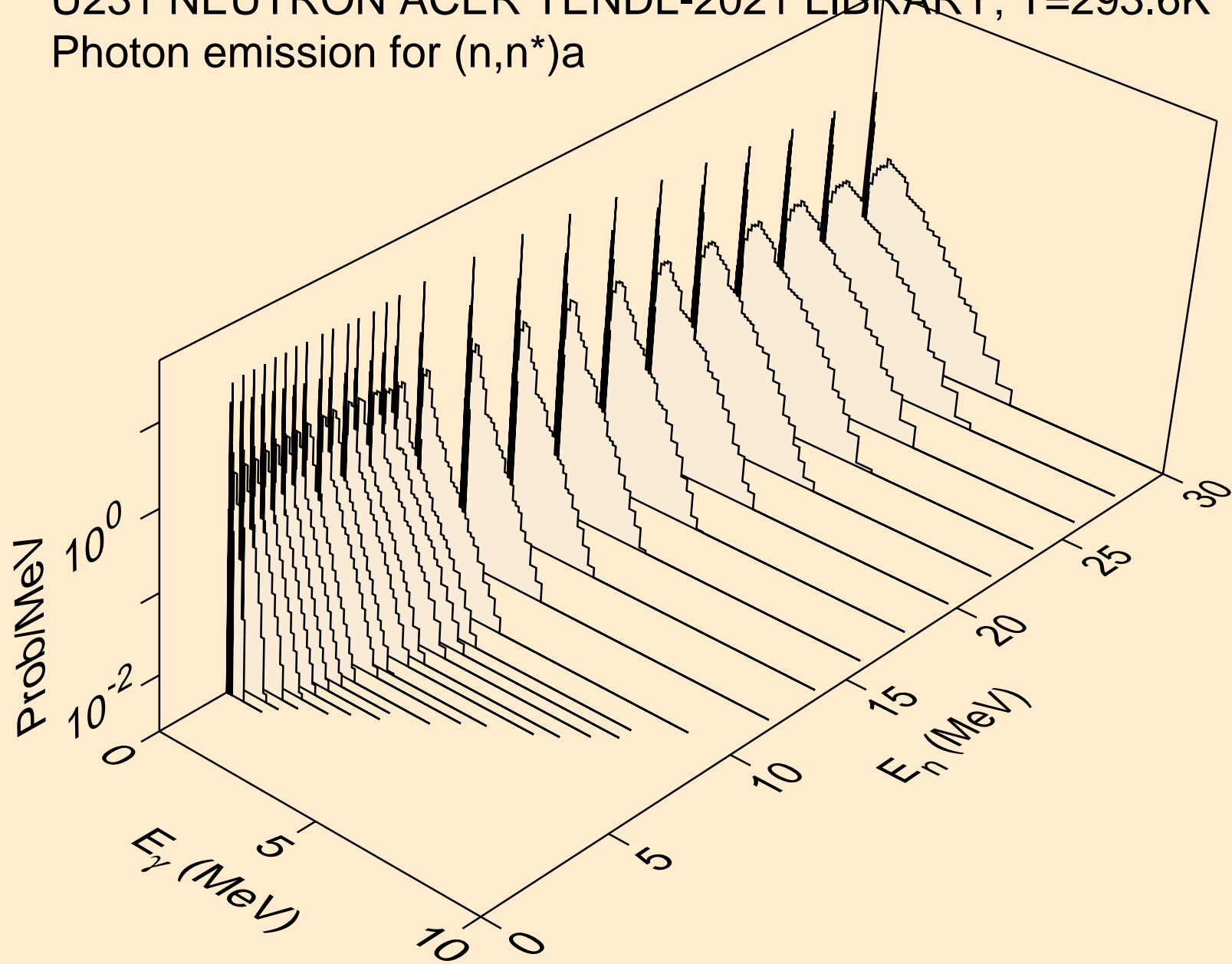
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



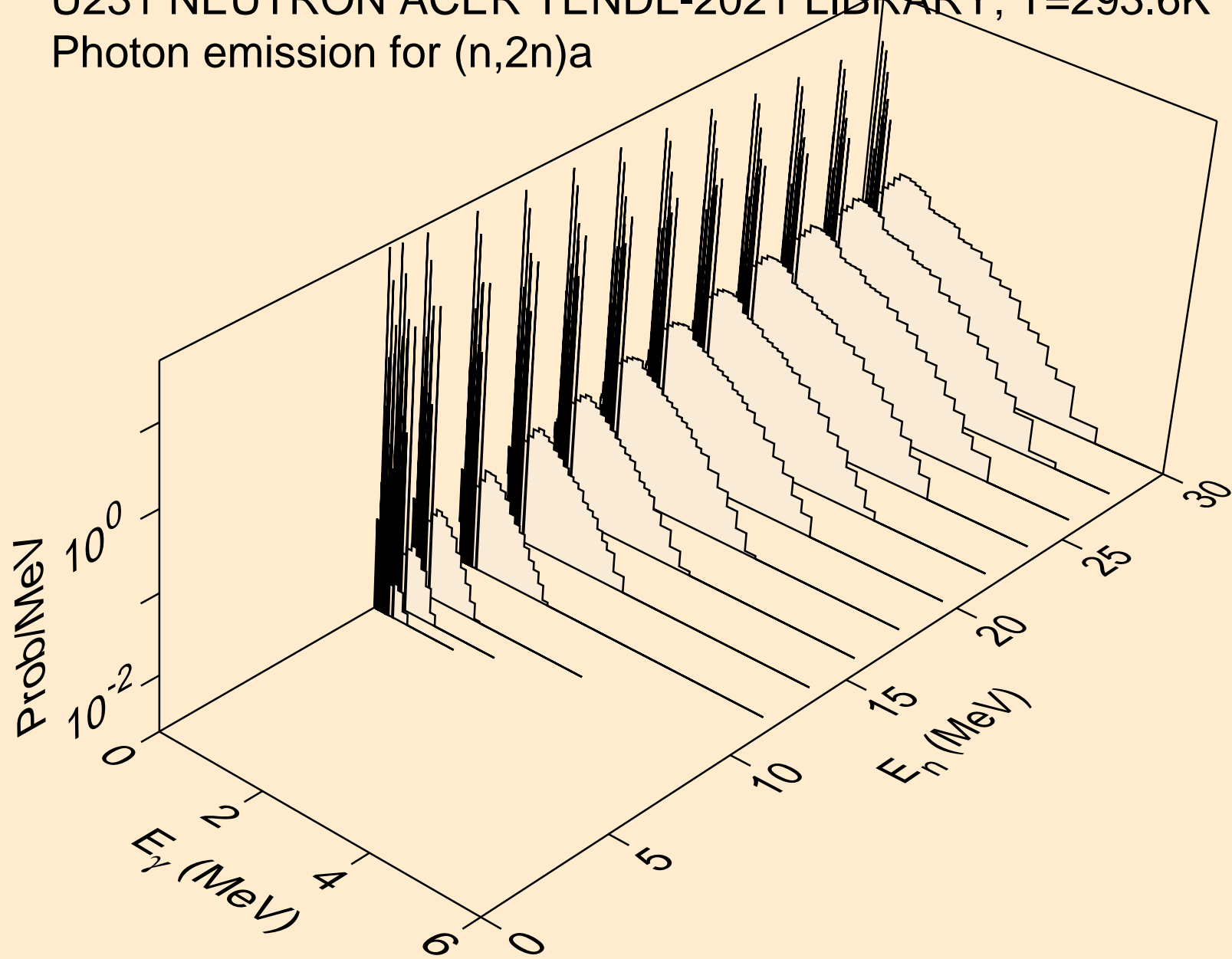
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



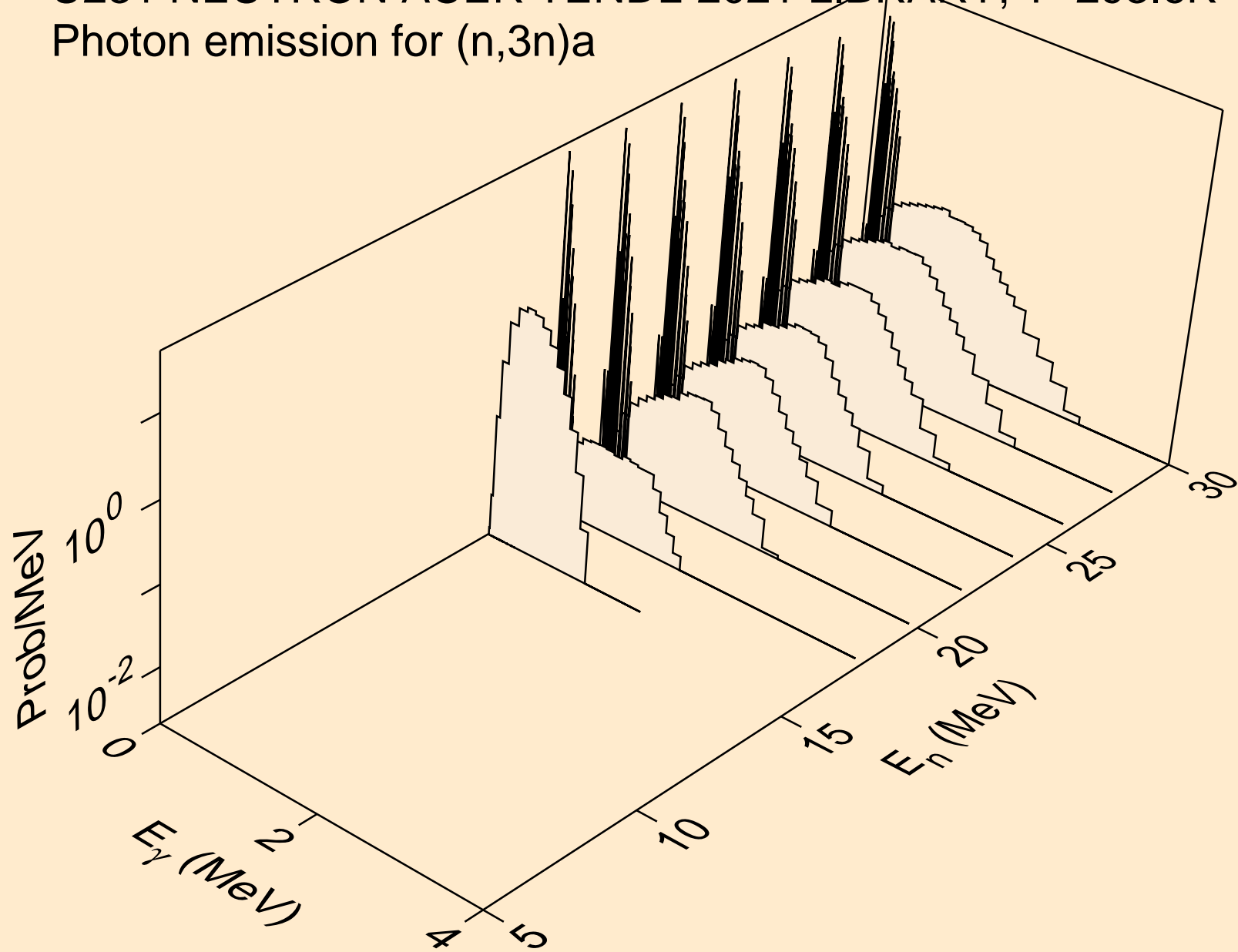
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



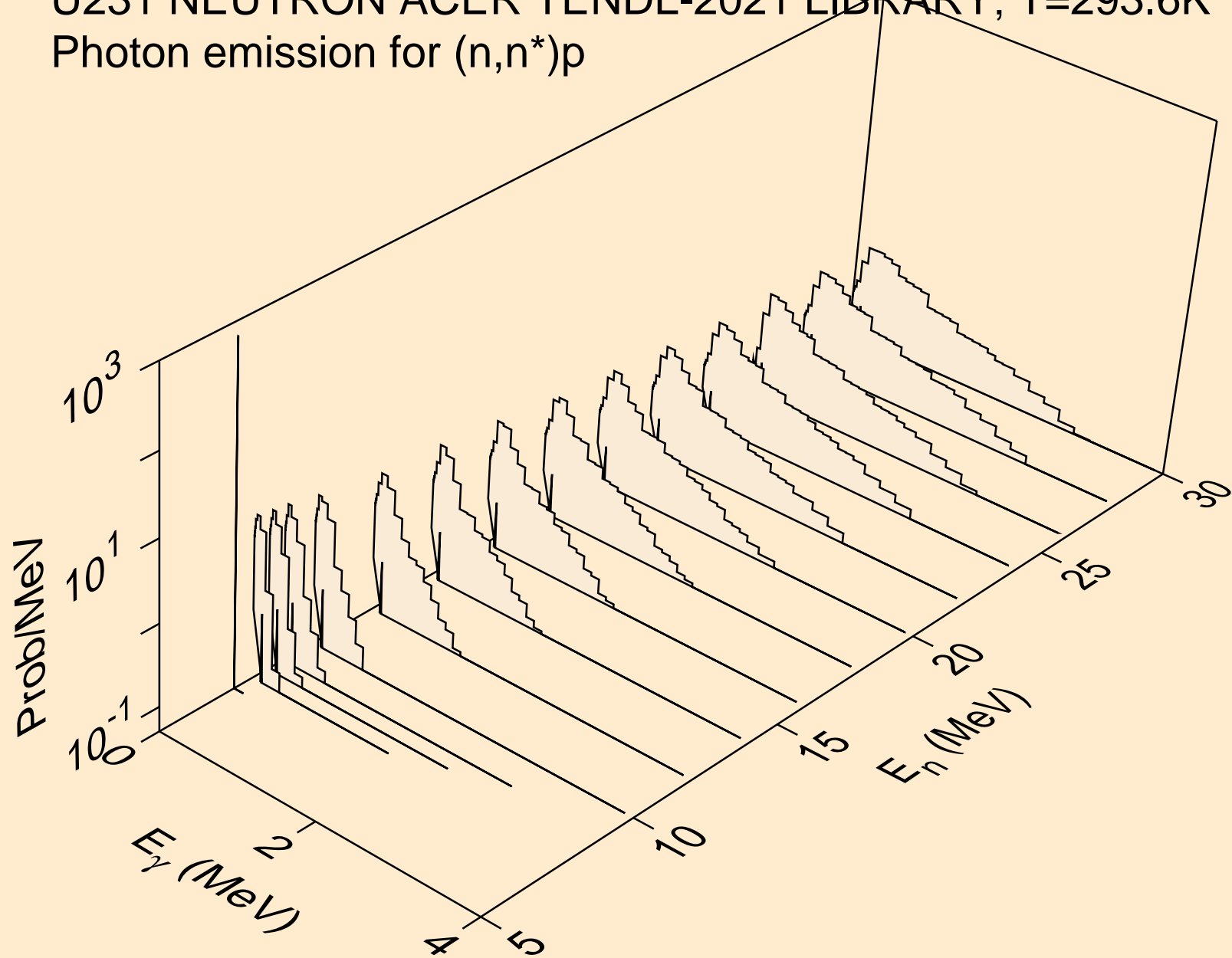
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)a



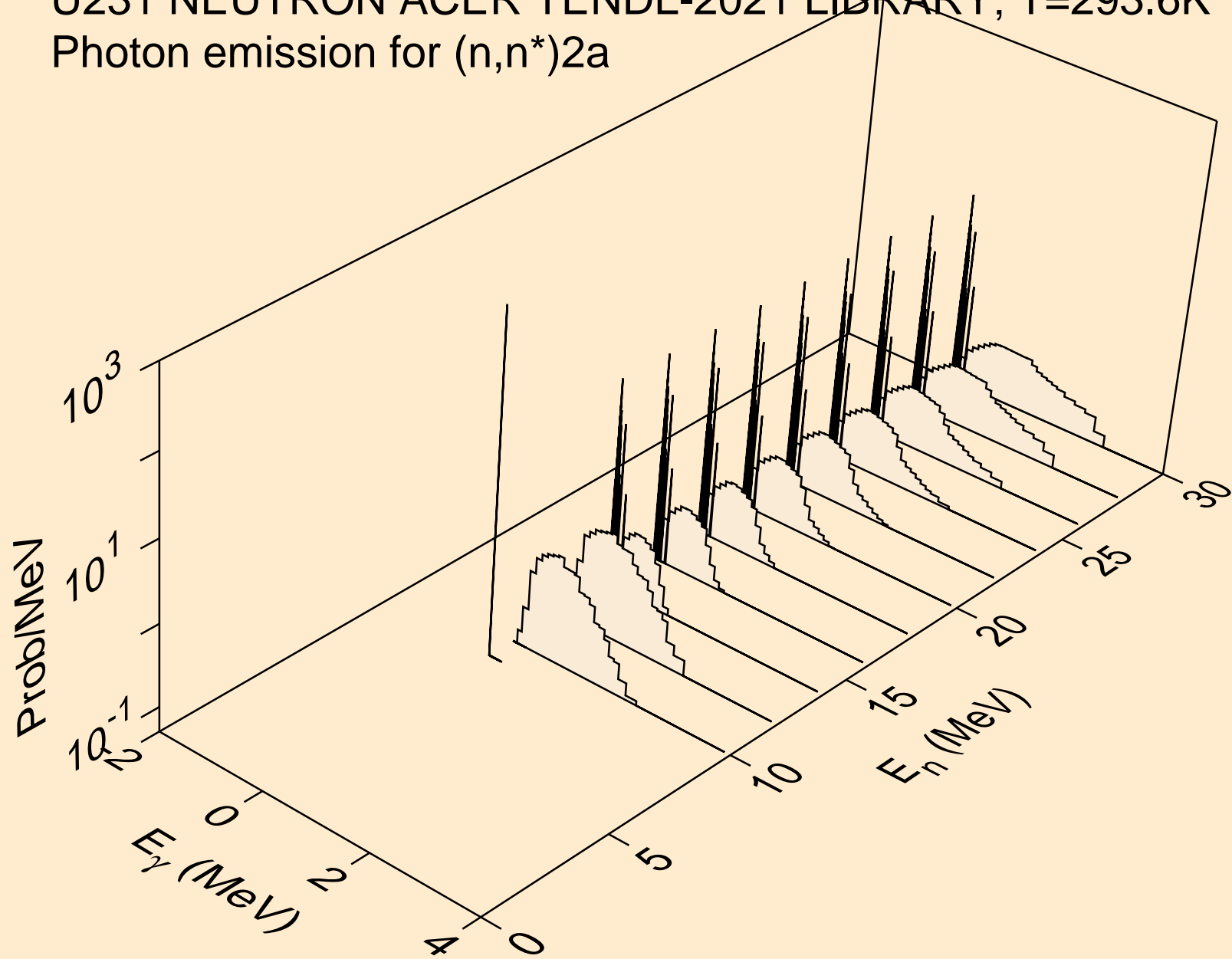
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)a



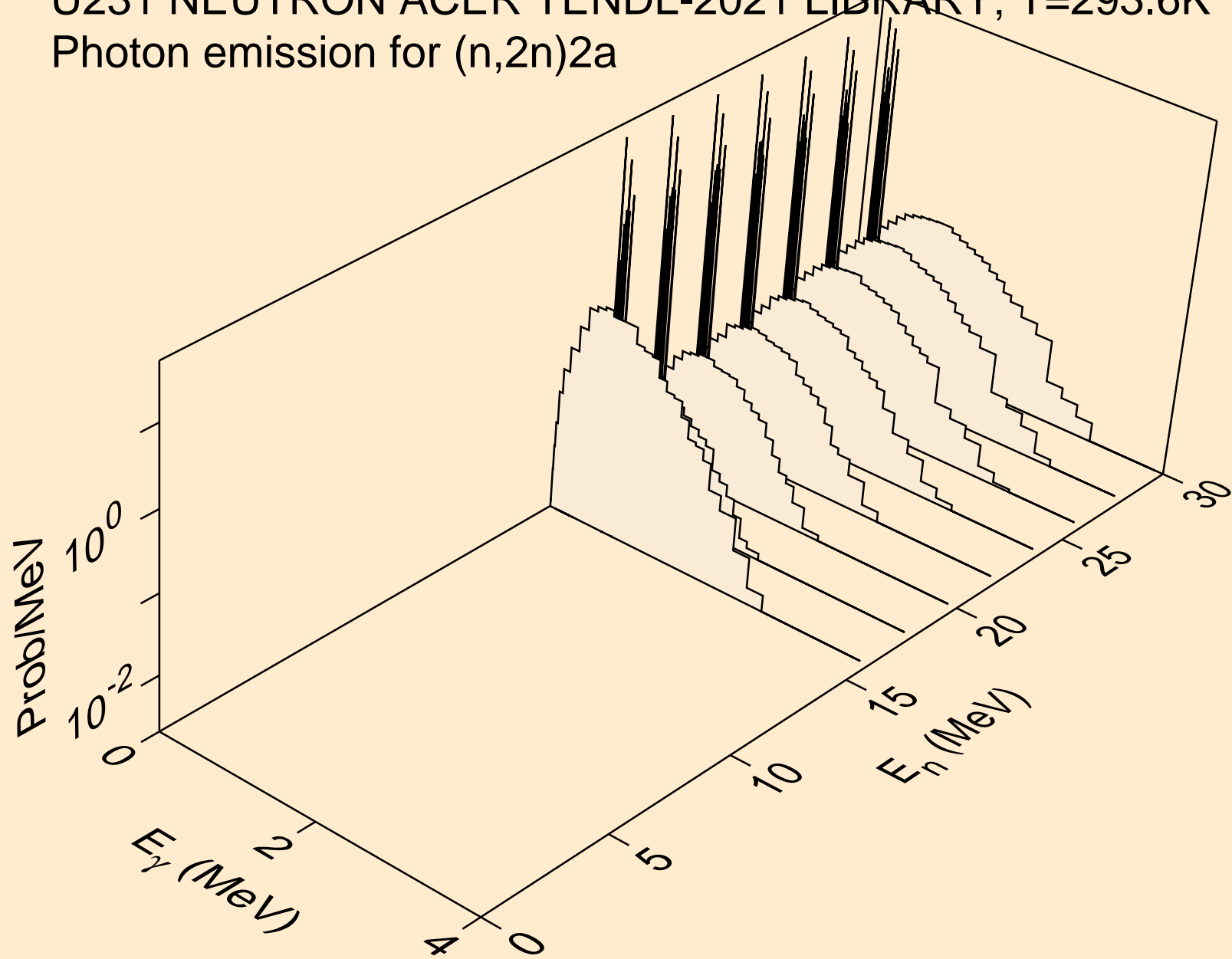
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



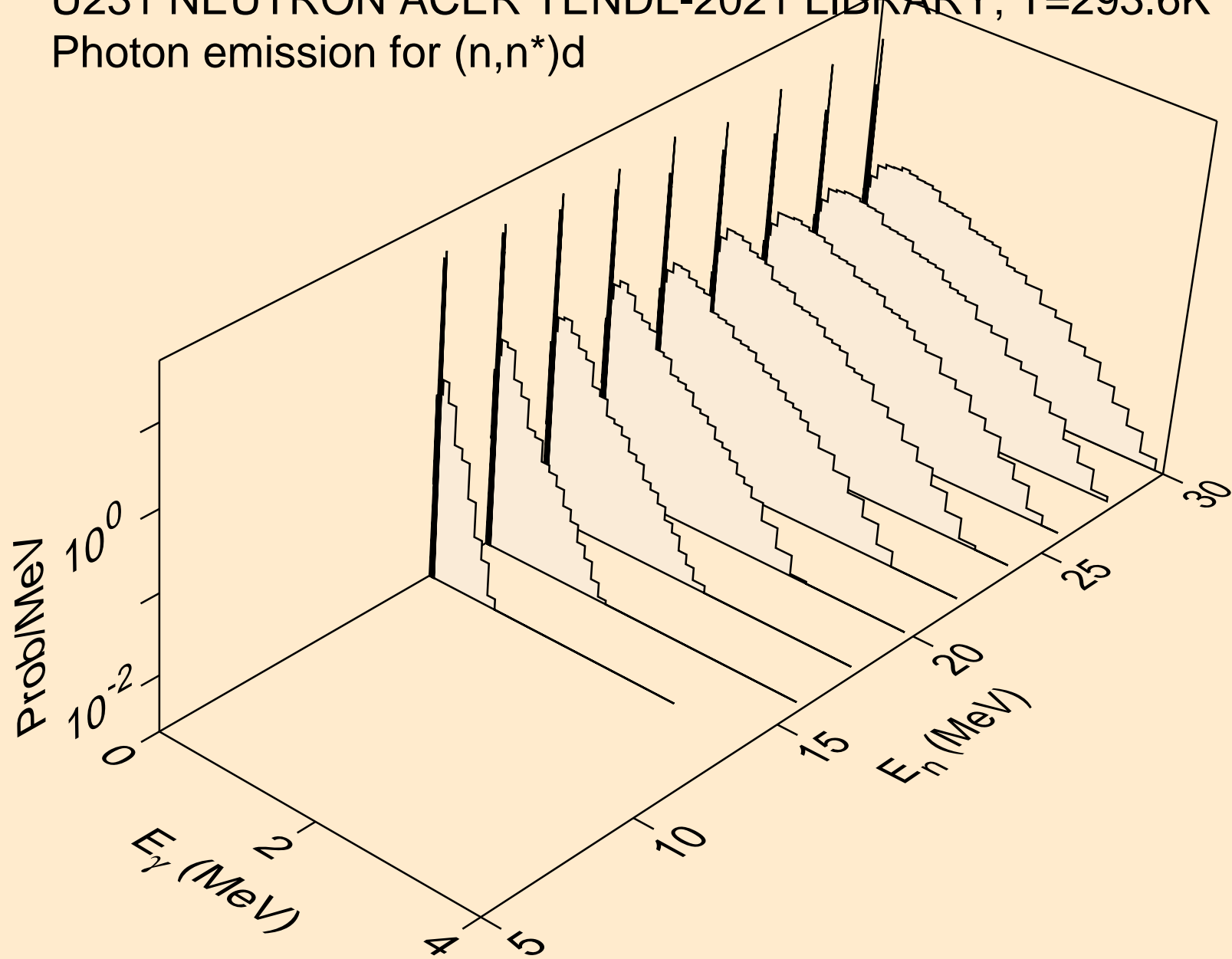
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Photon emission for (n,n*)2a



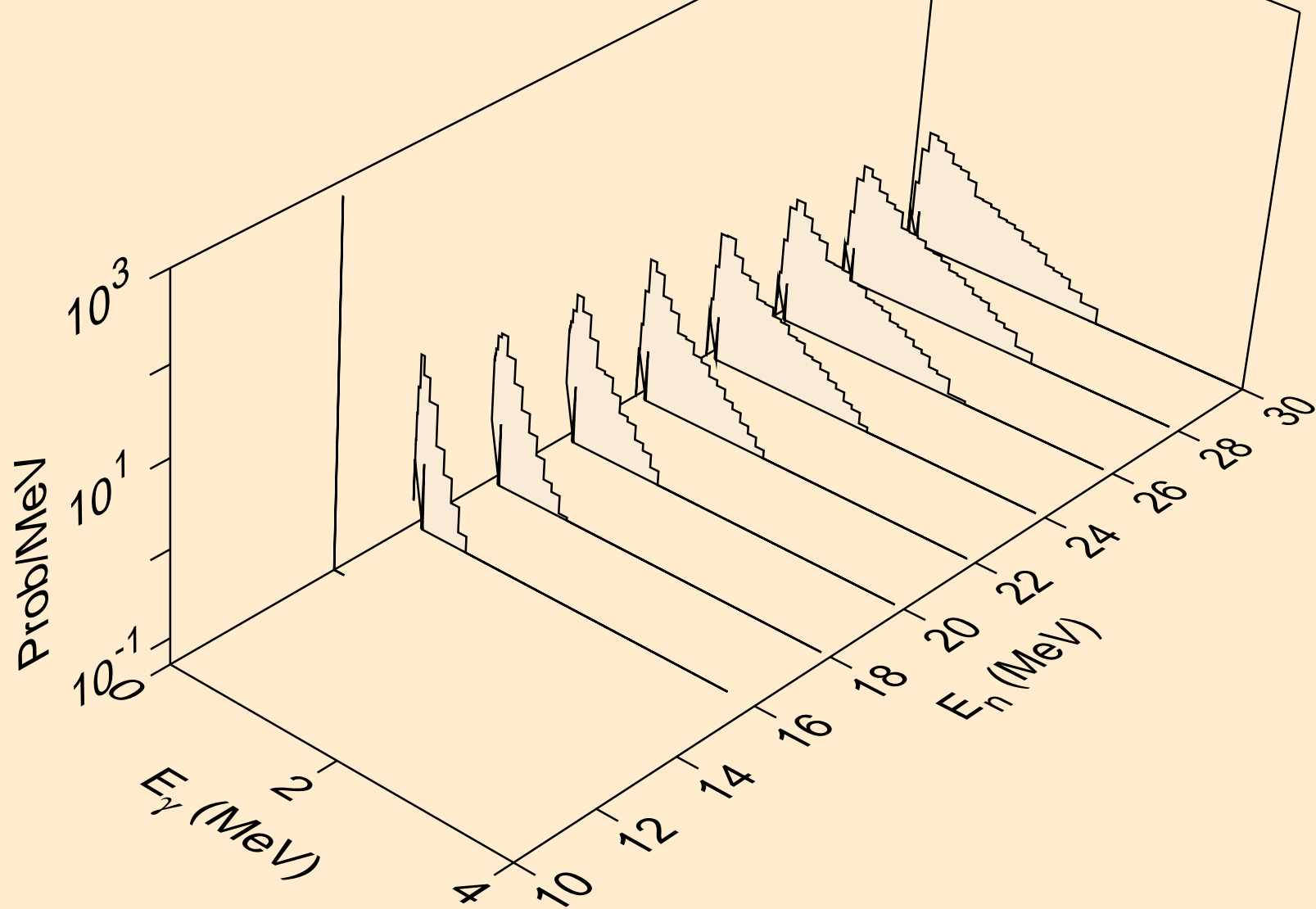
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



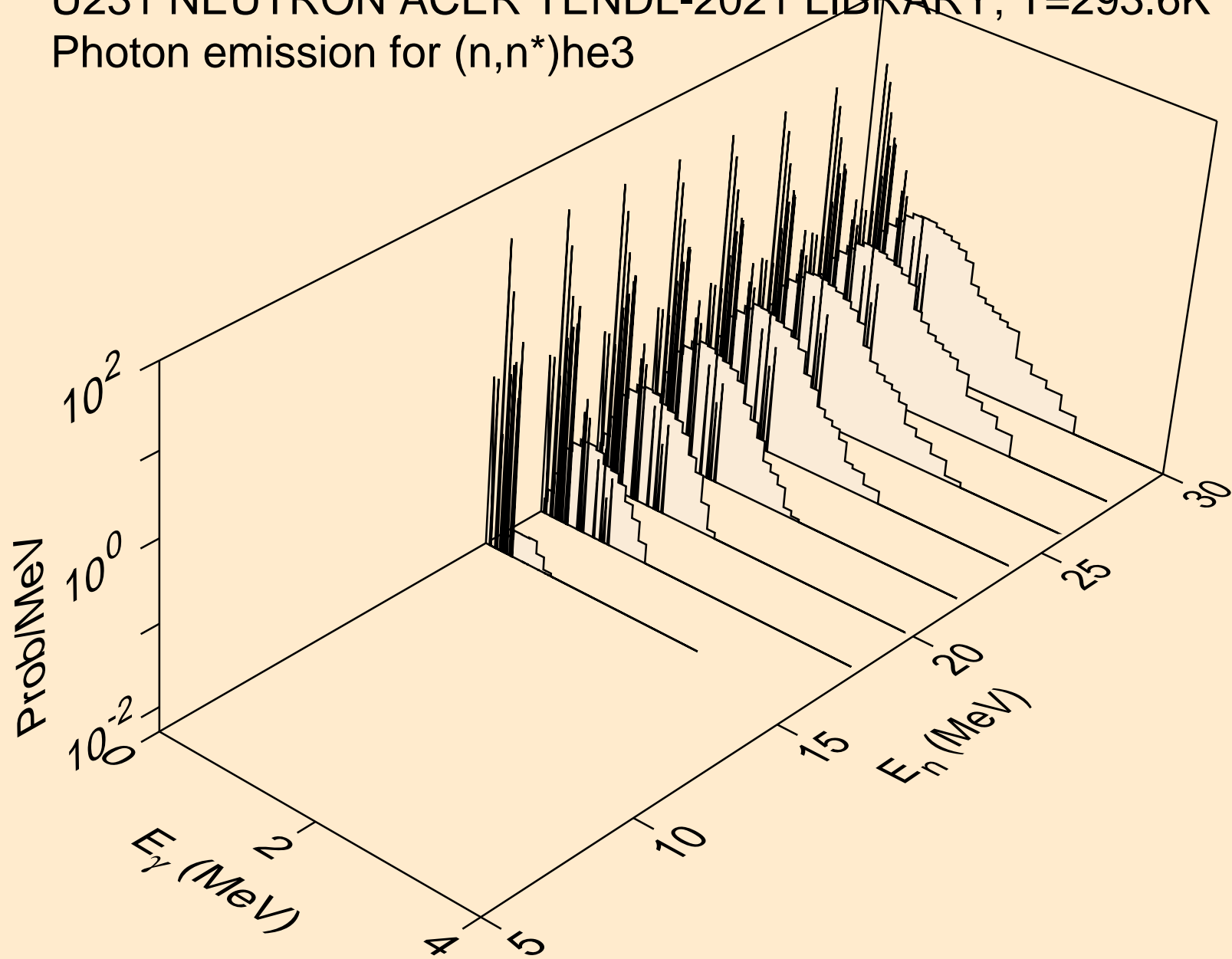
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



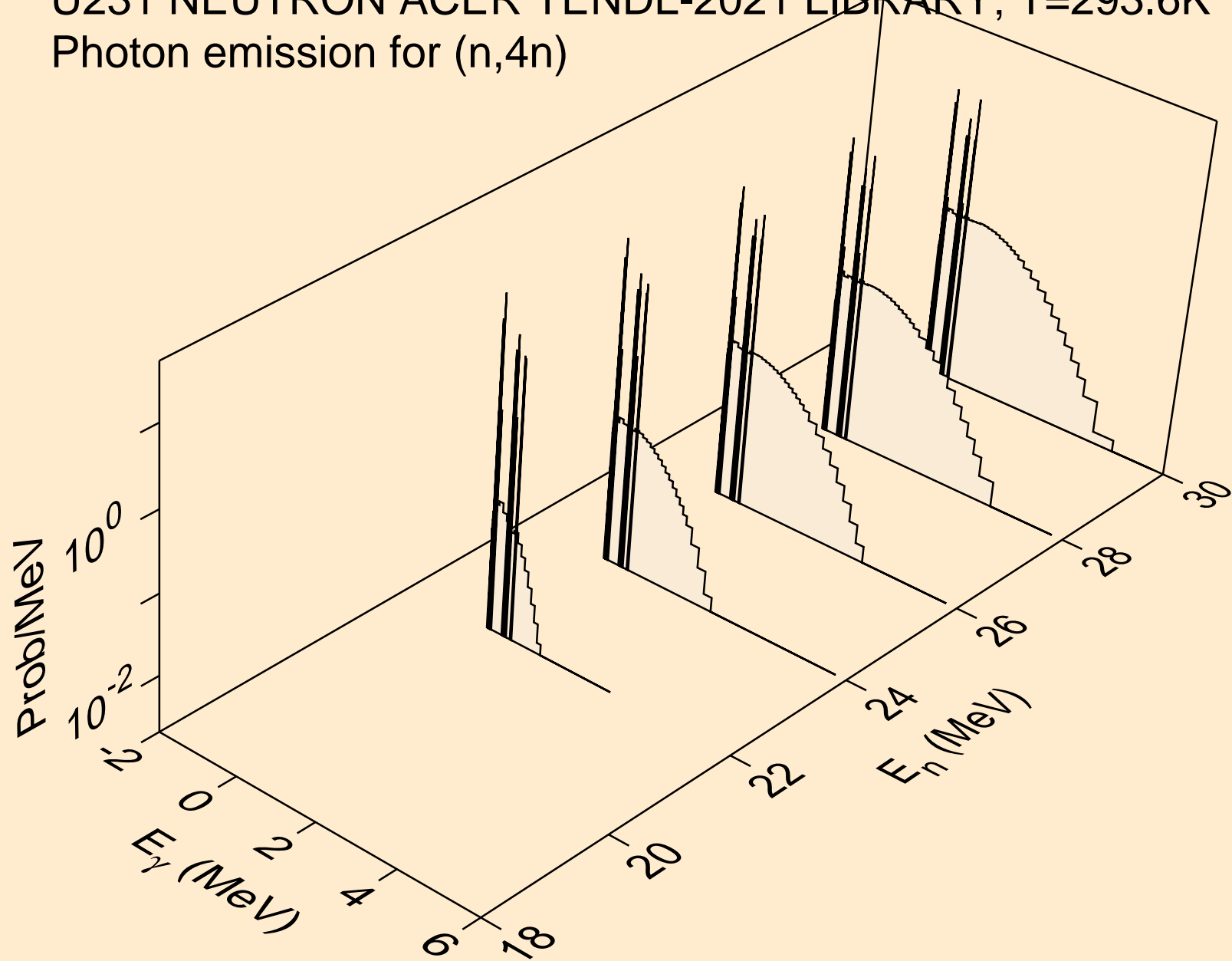
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



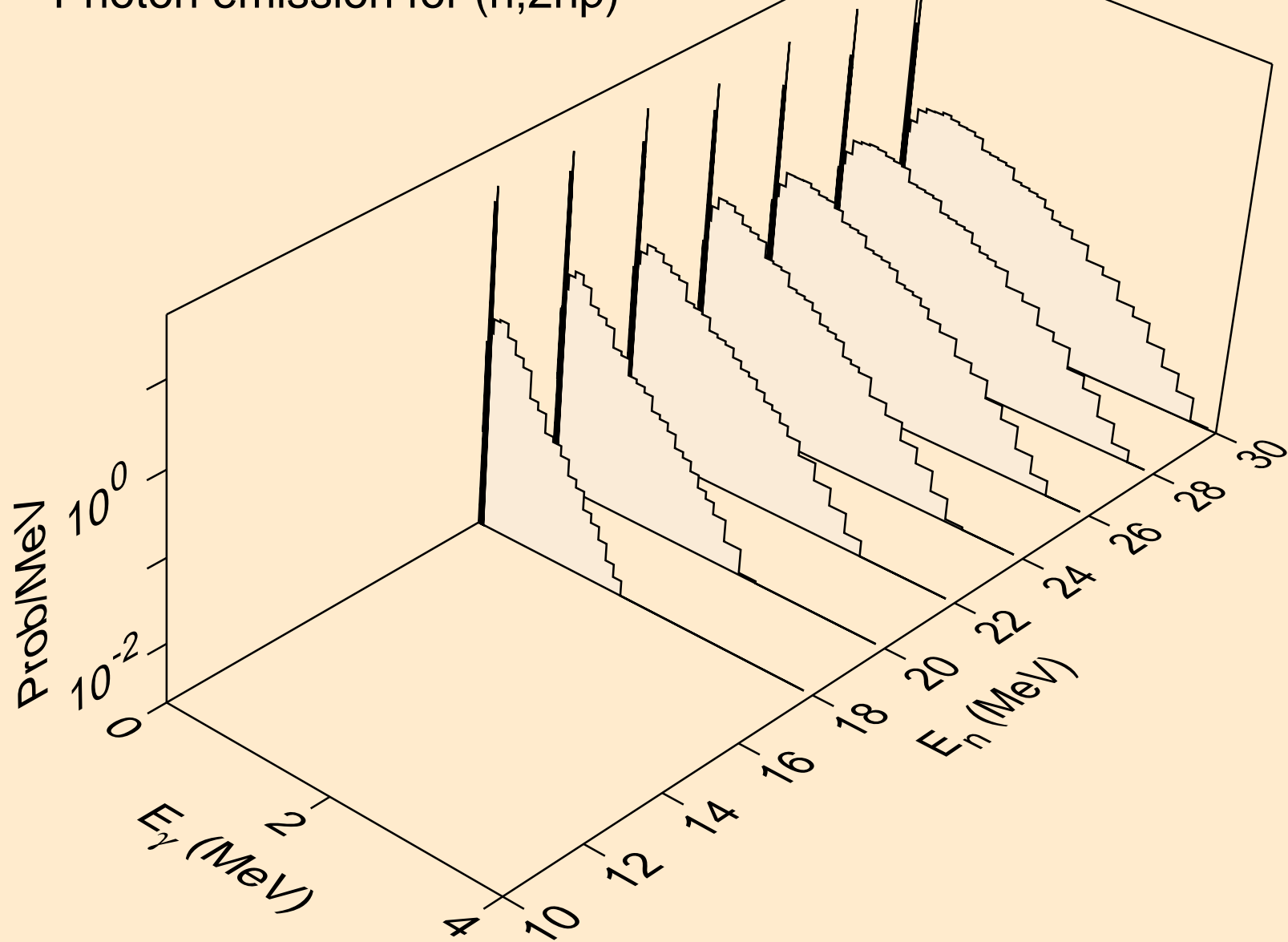
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



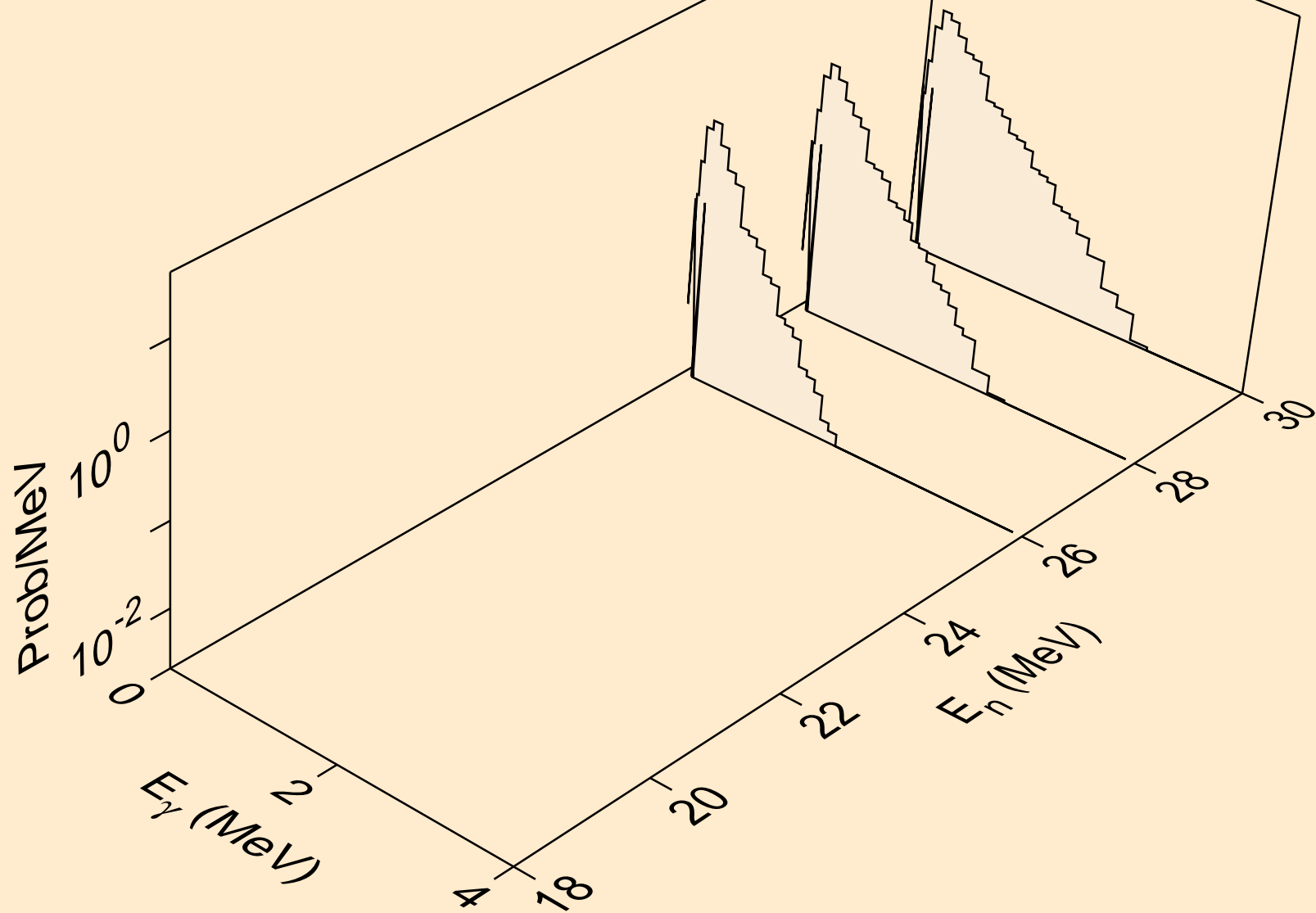
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



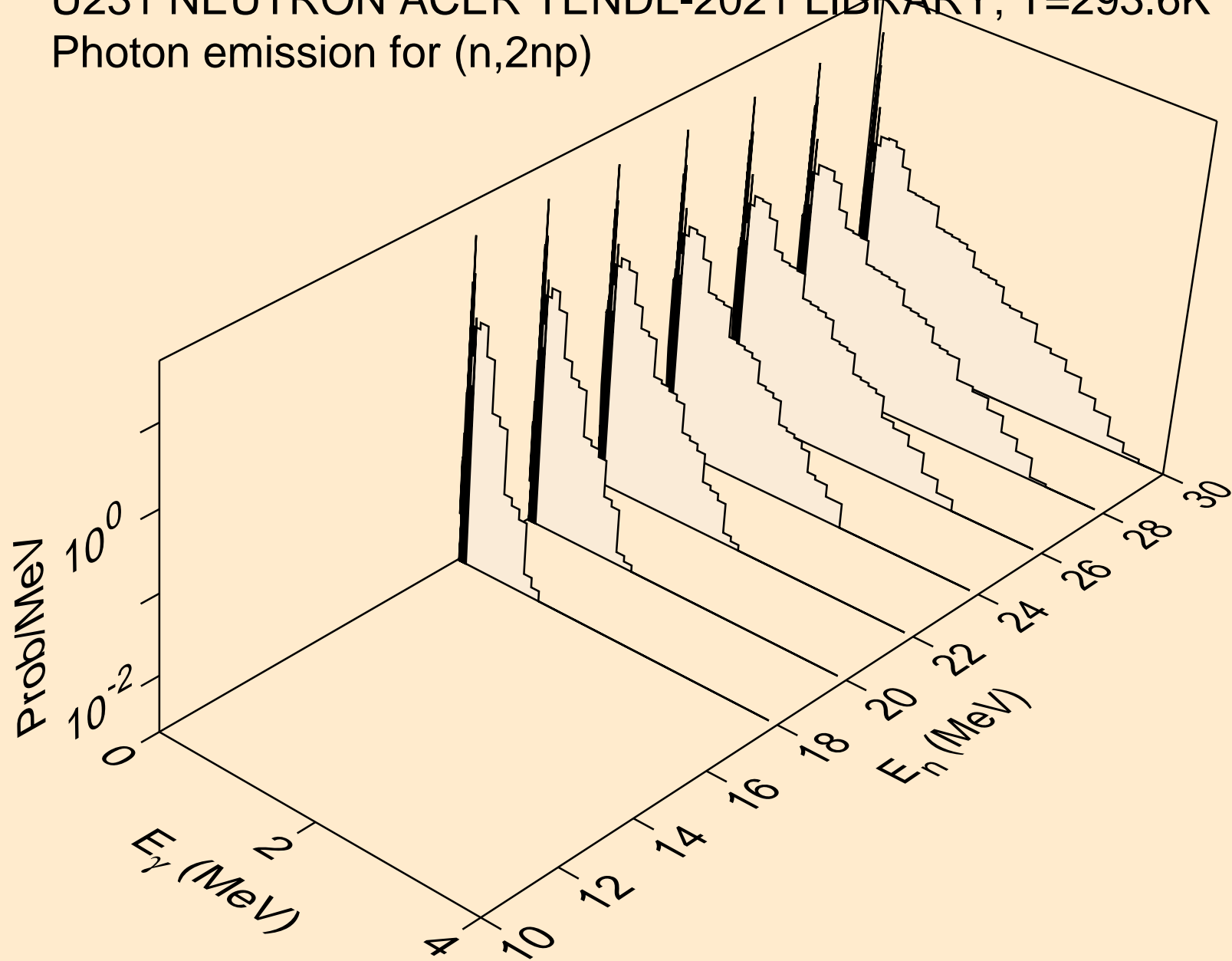
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



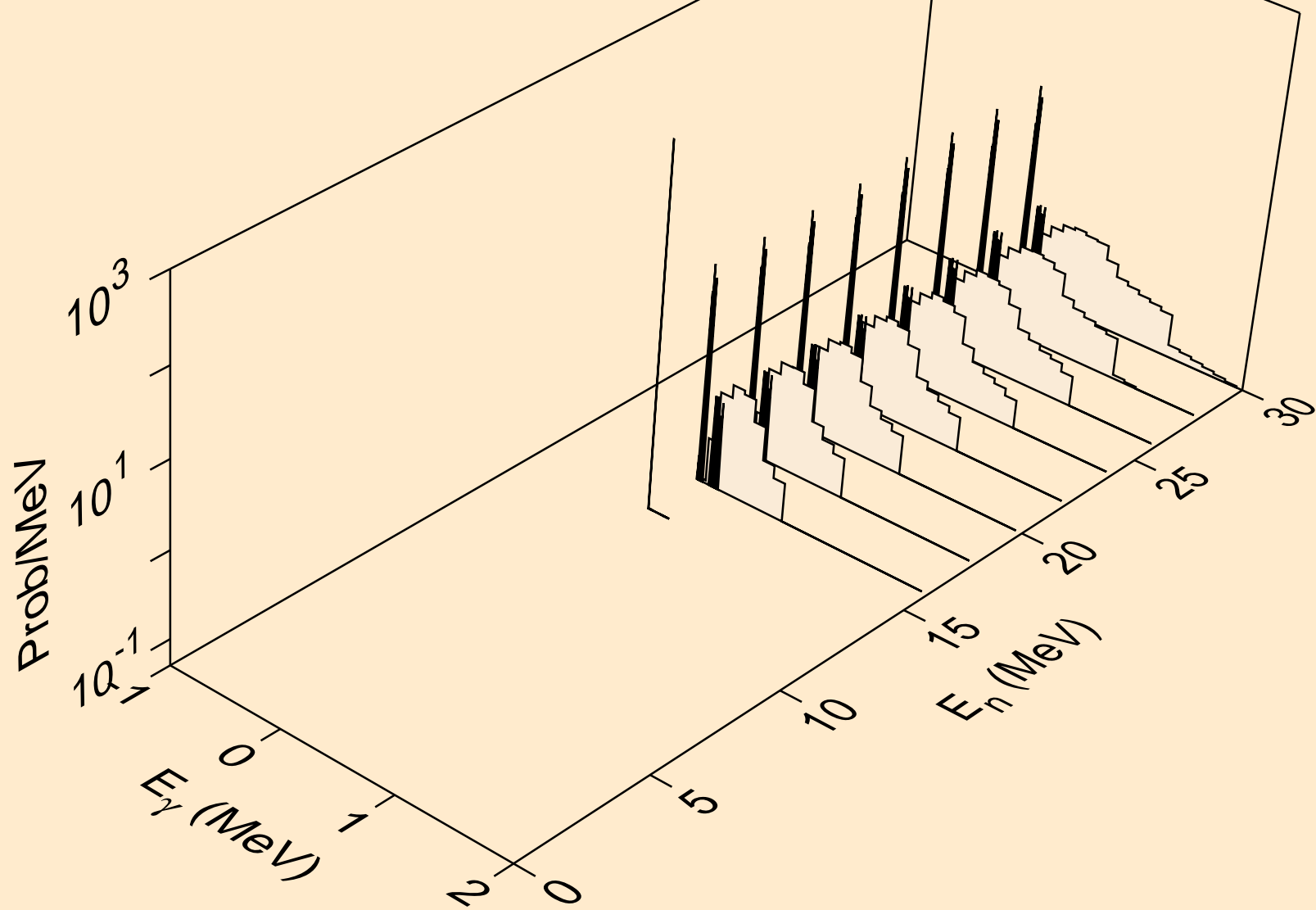
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3np)



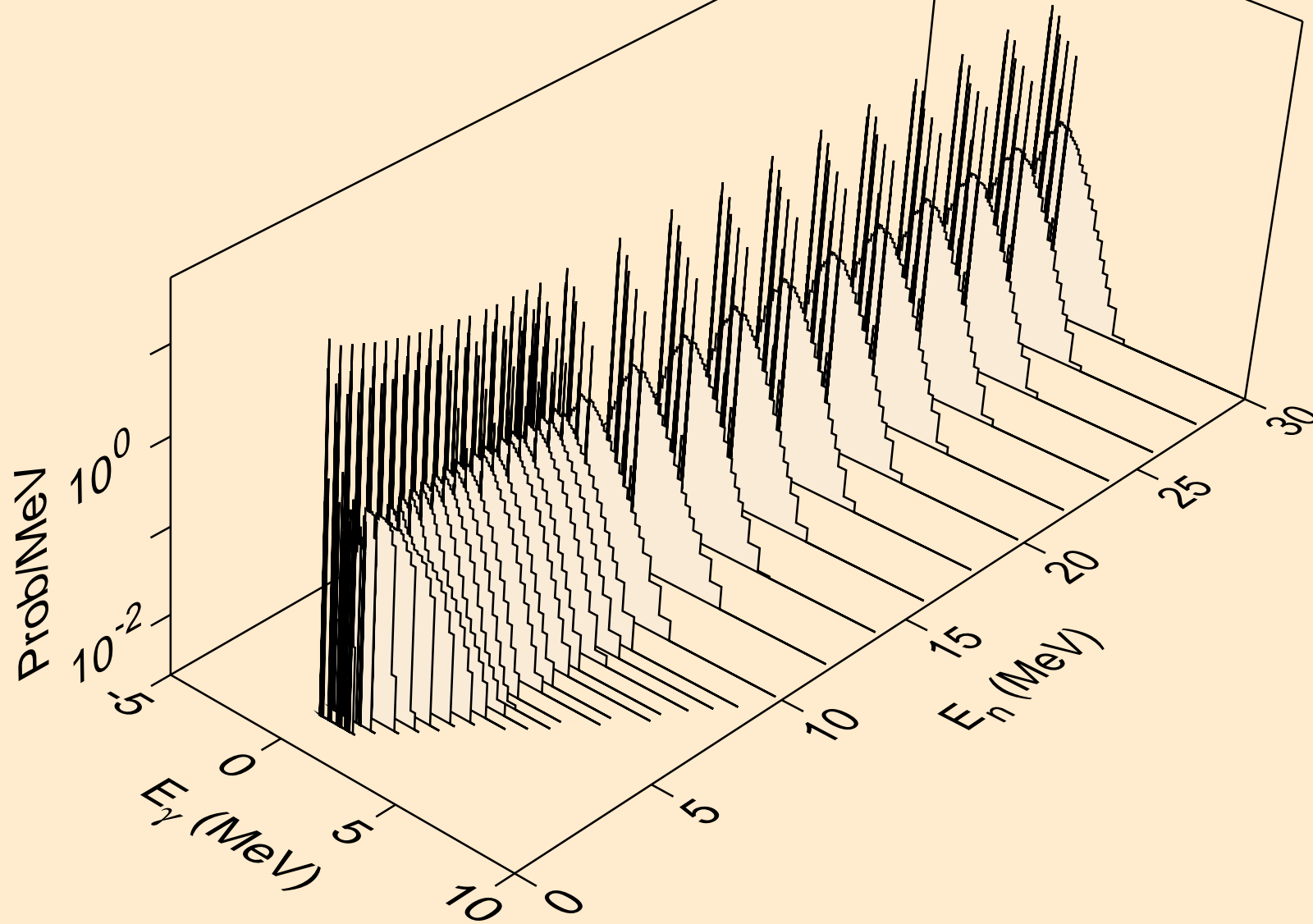
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



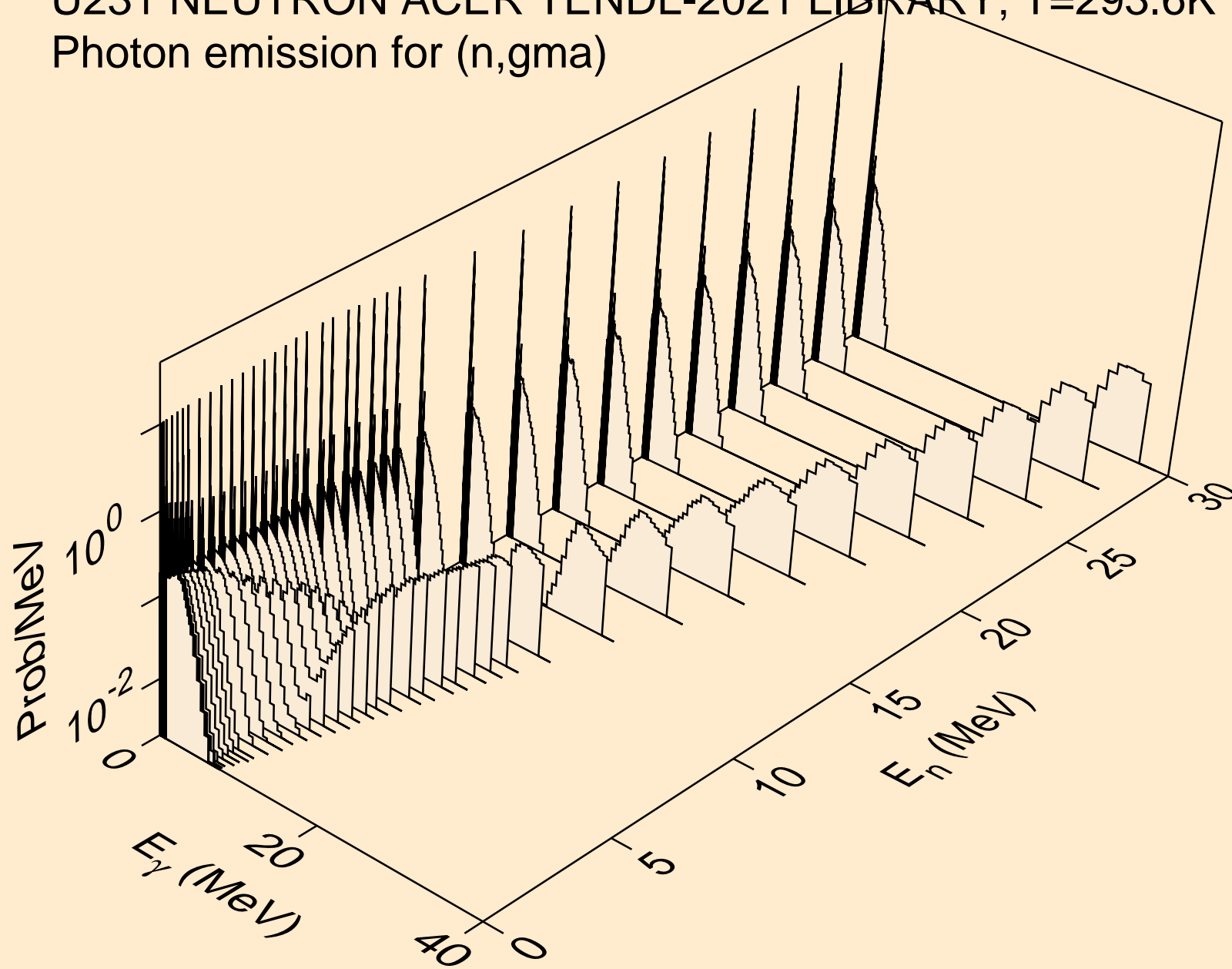
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,npa)



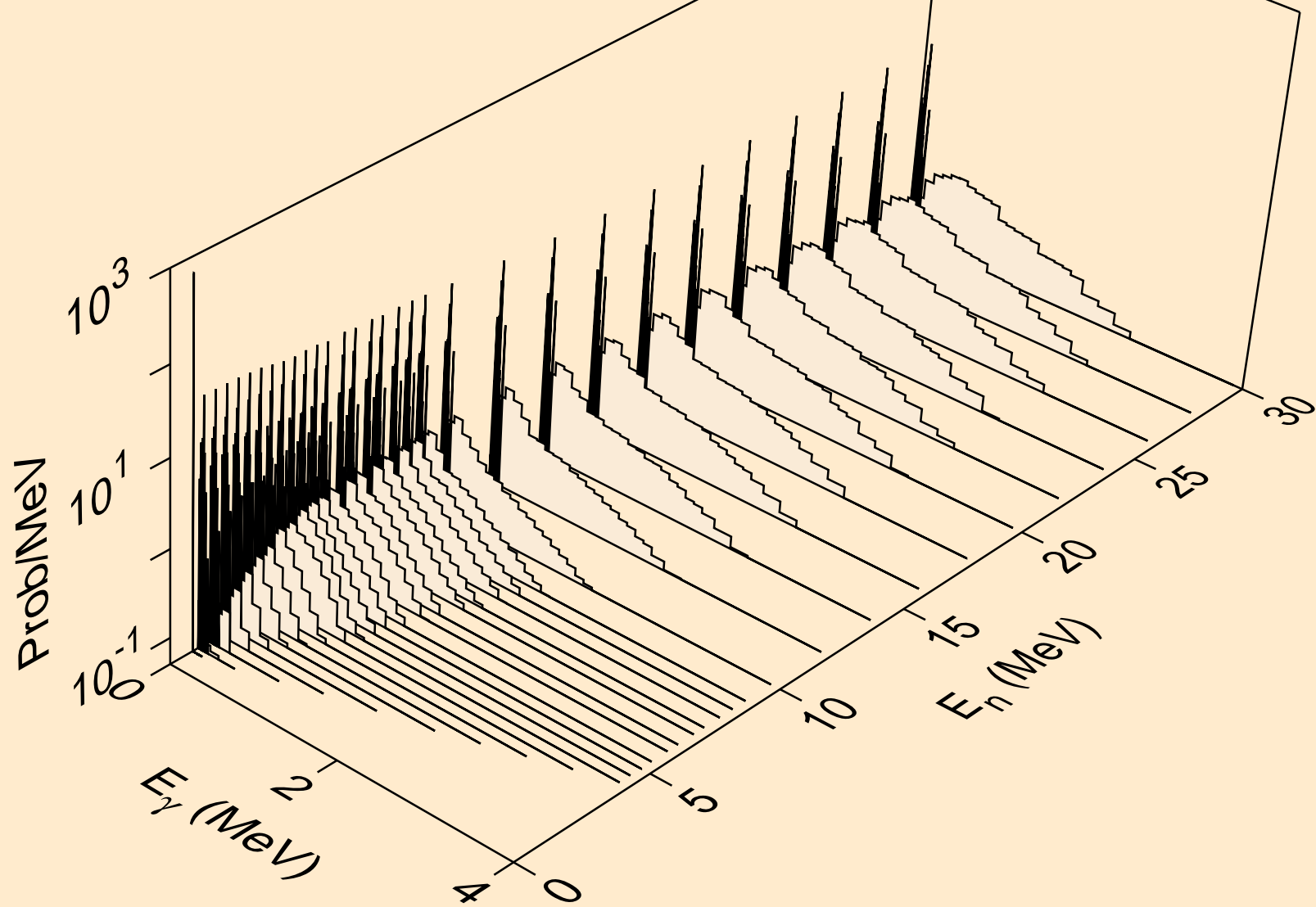
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



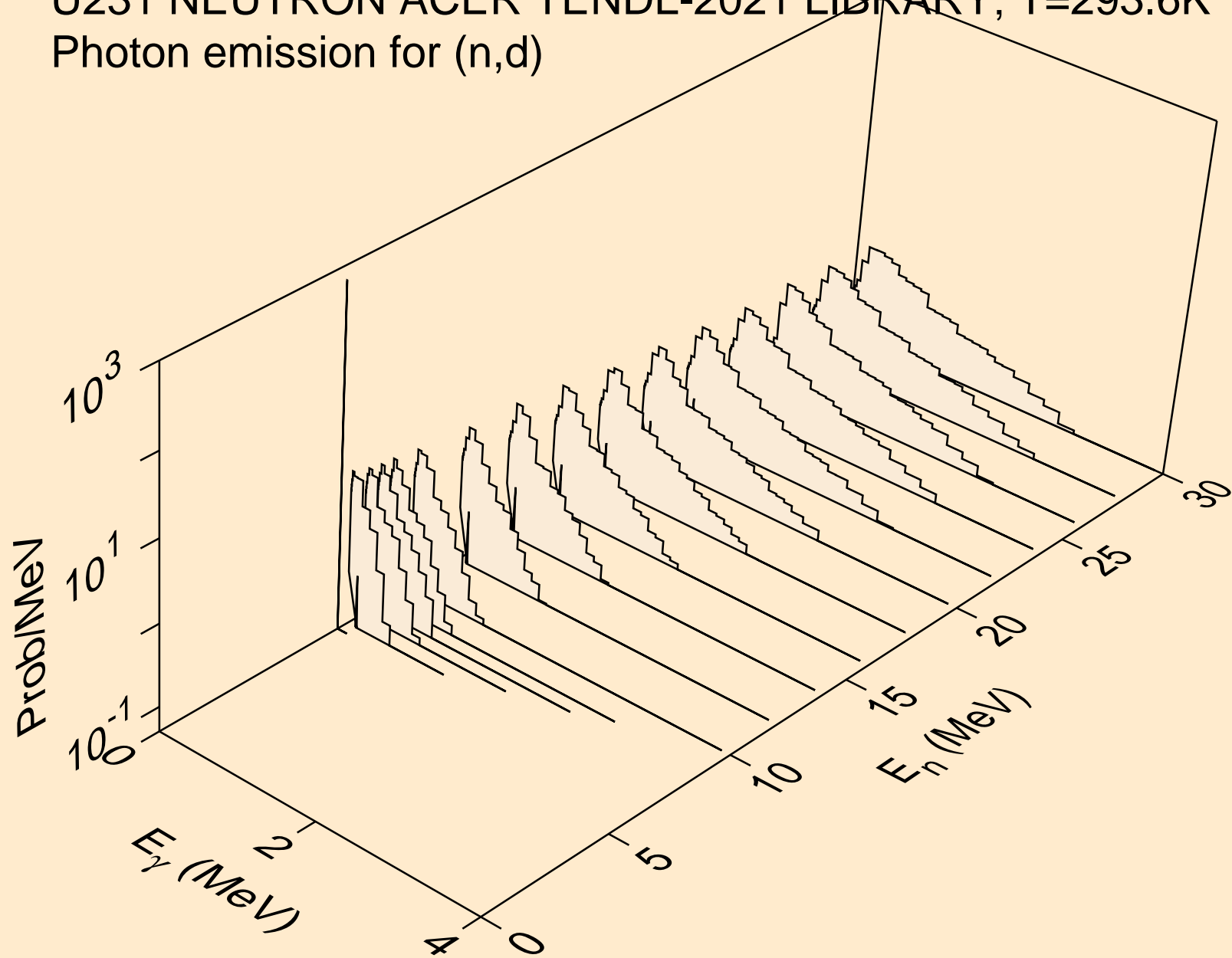
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



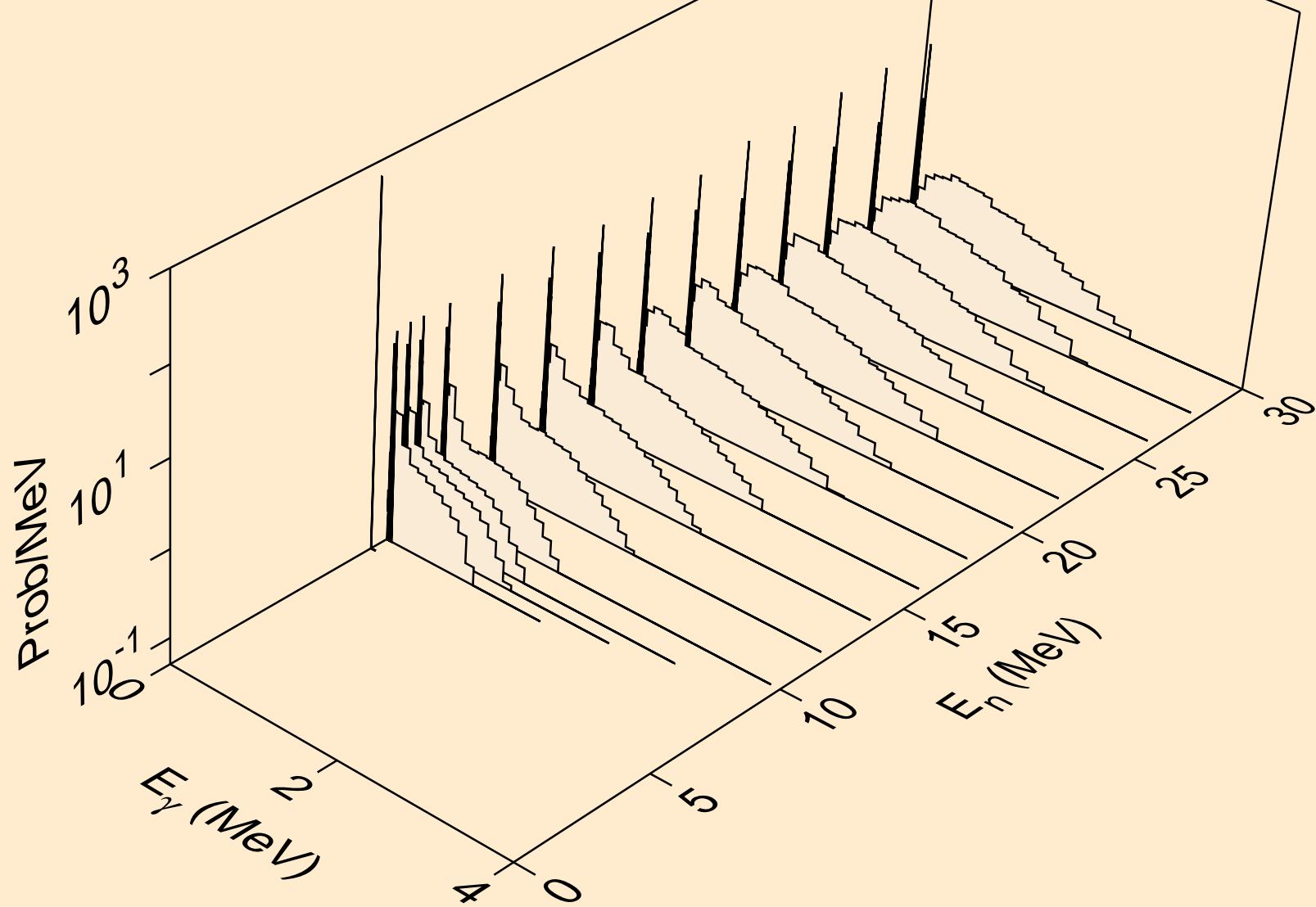
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



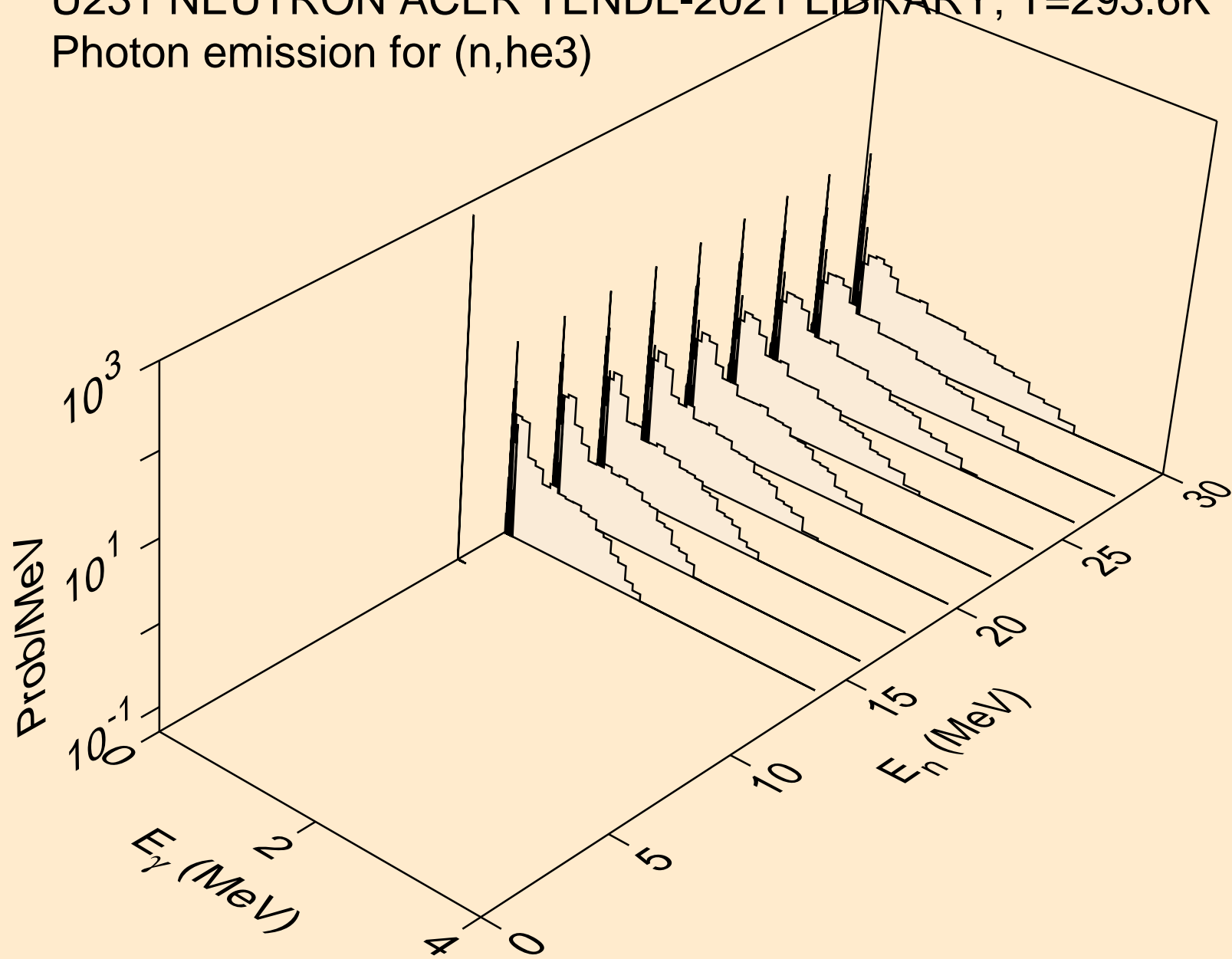
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



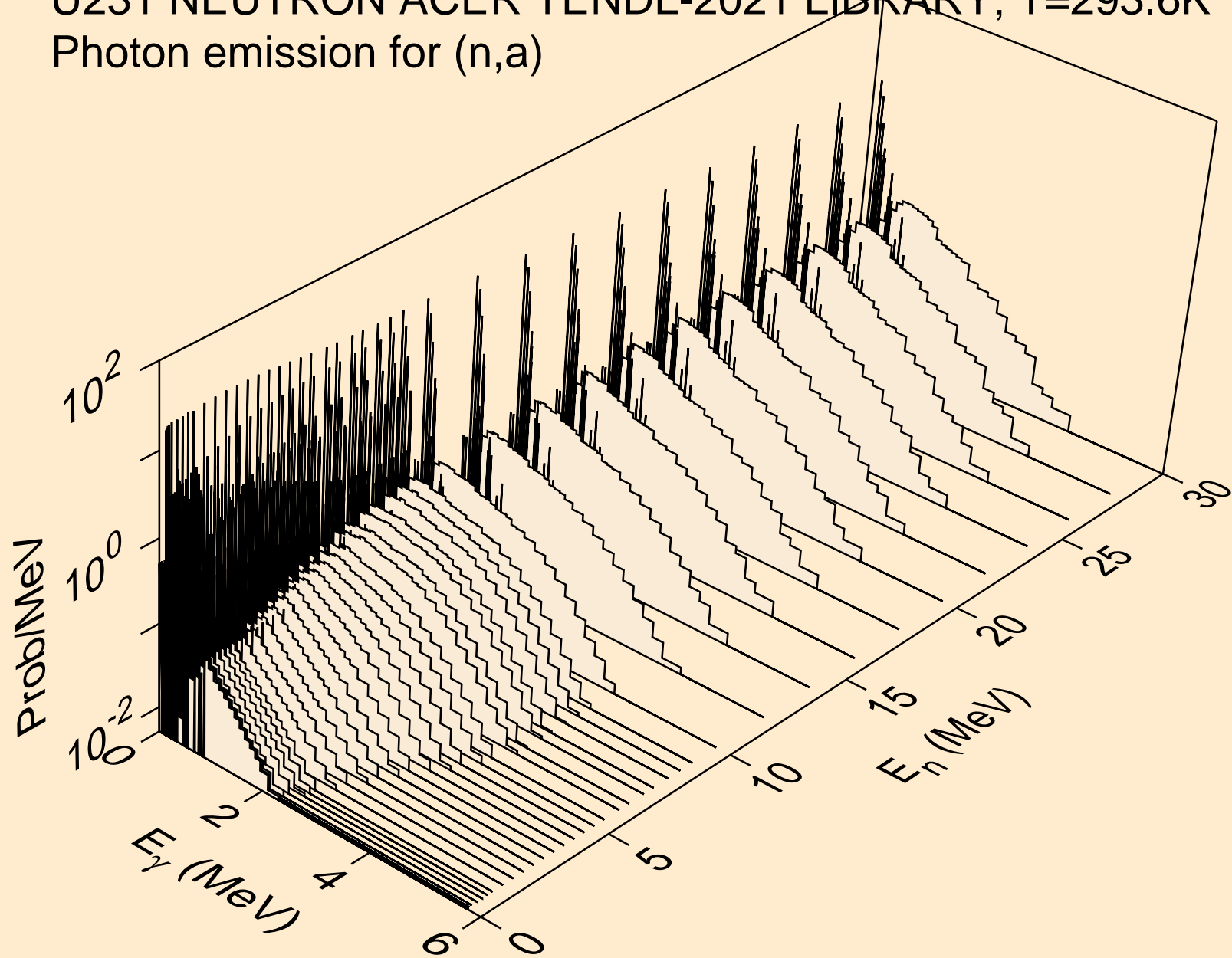
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



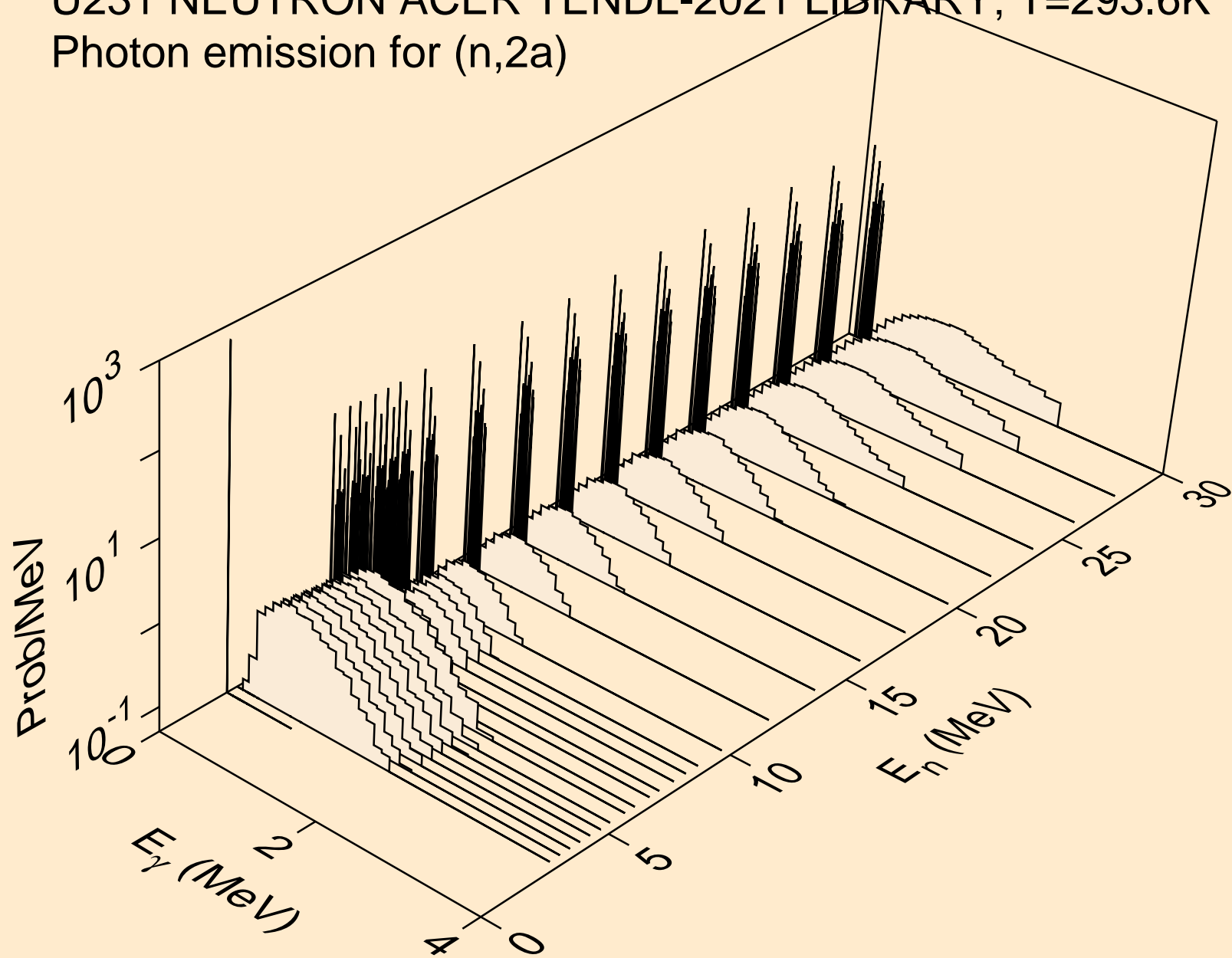
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



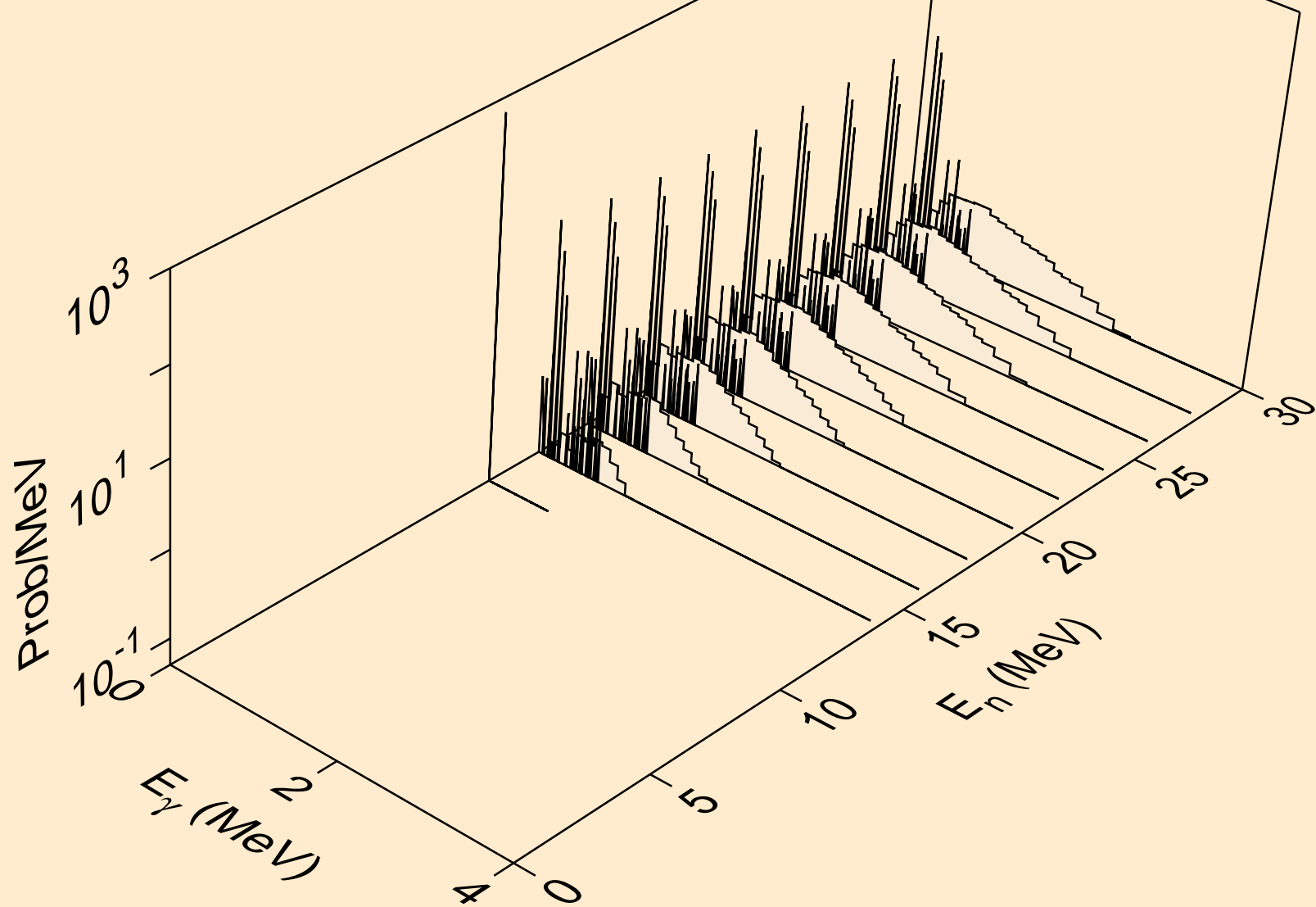
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



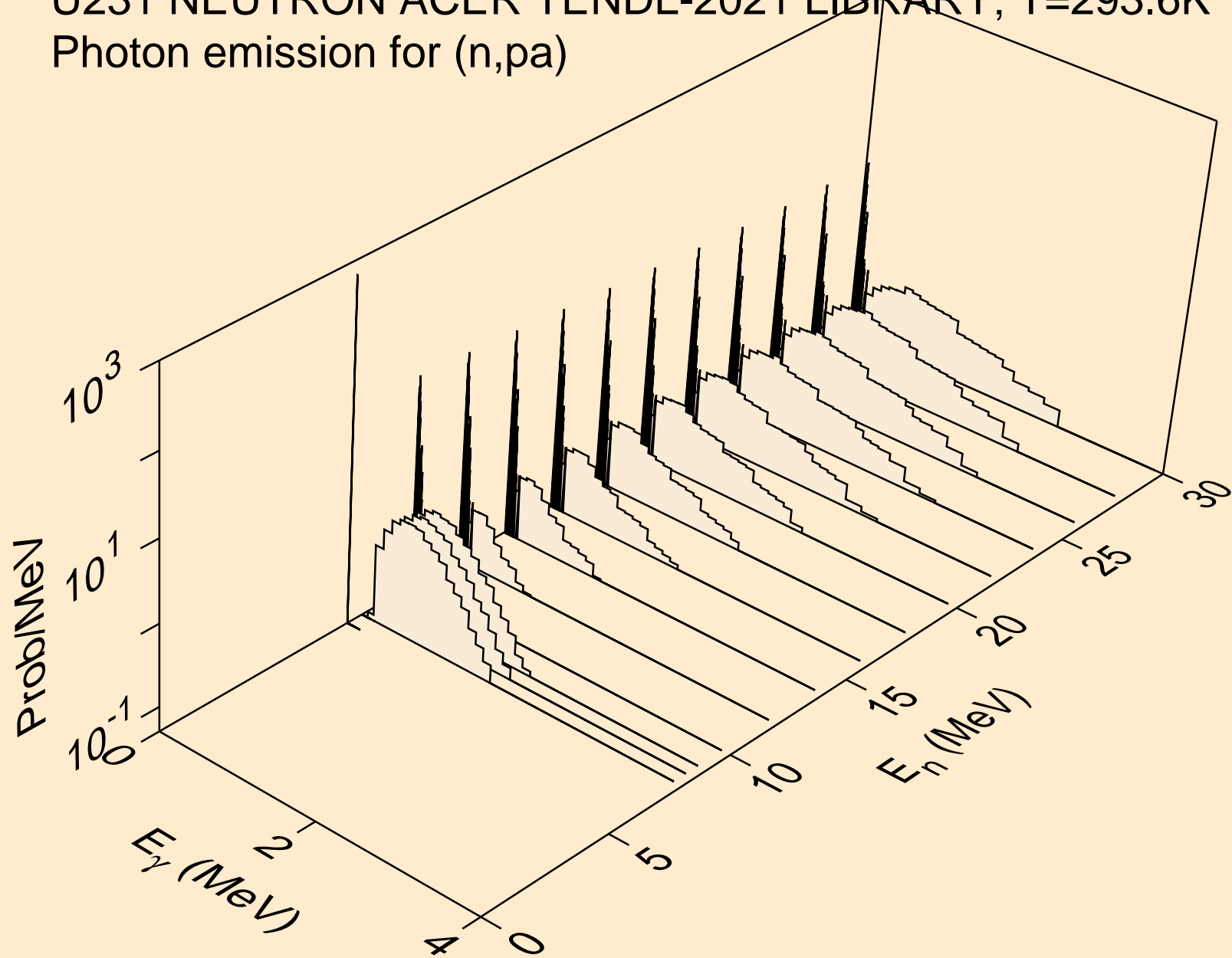
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



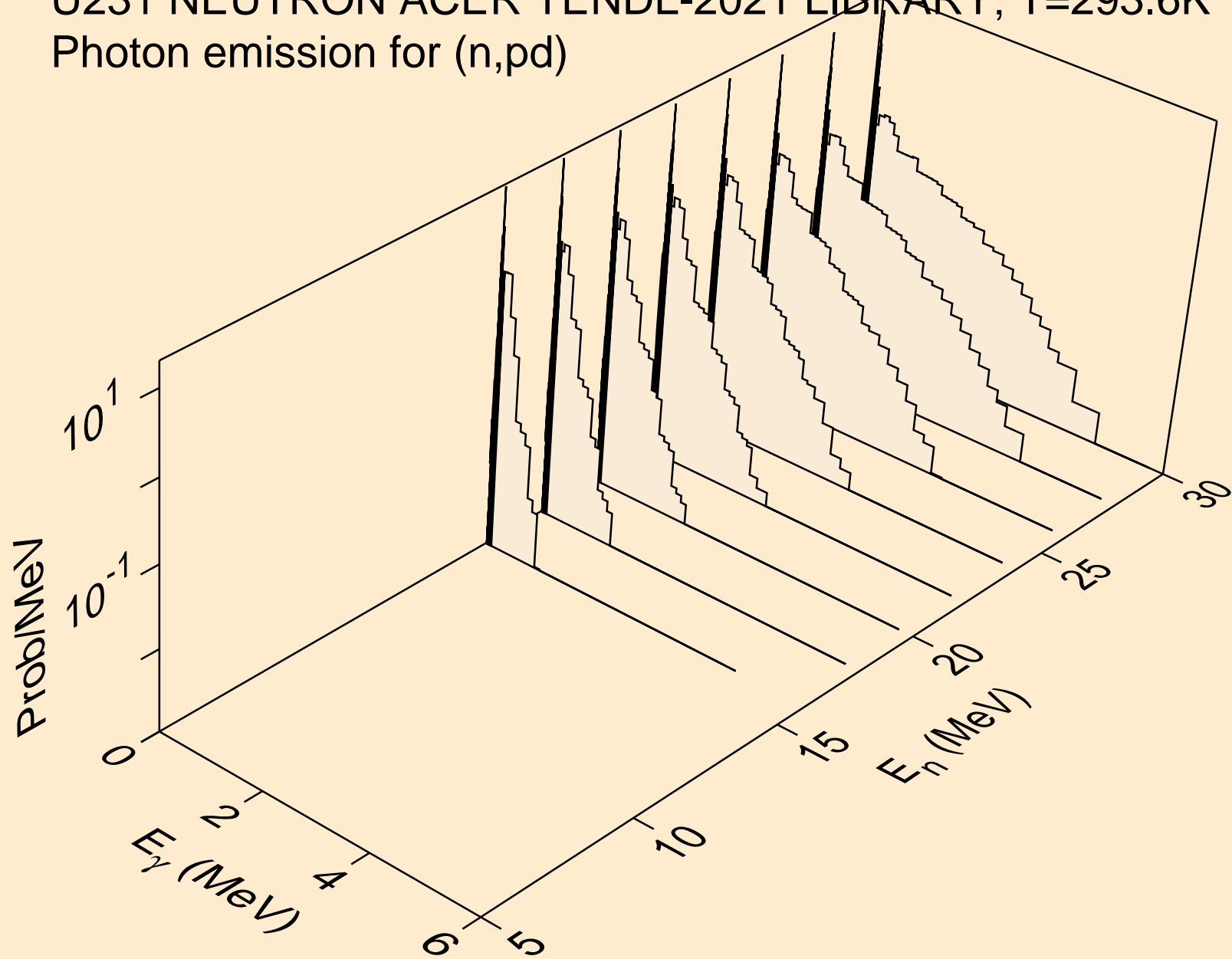
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



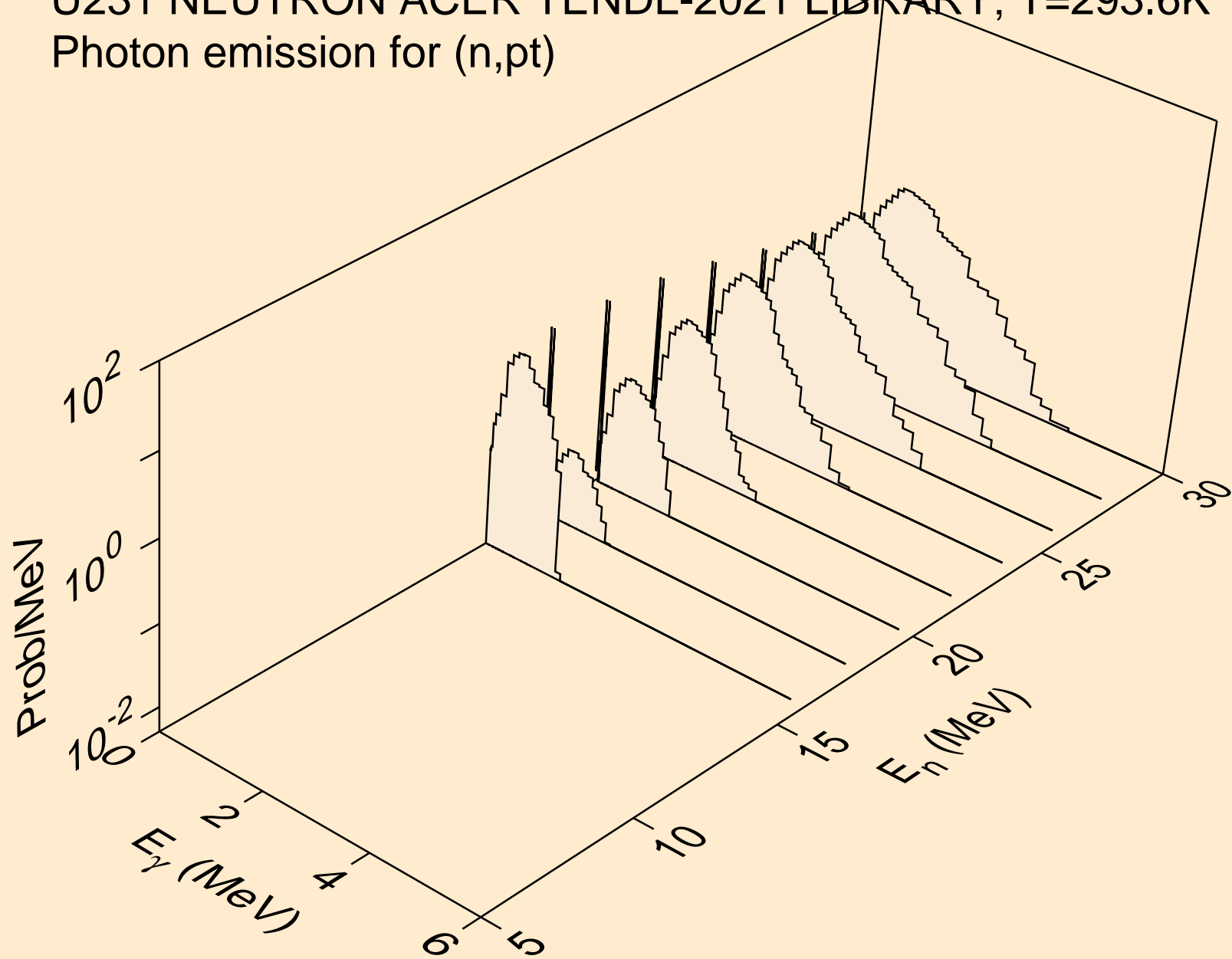
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p α)



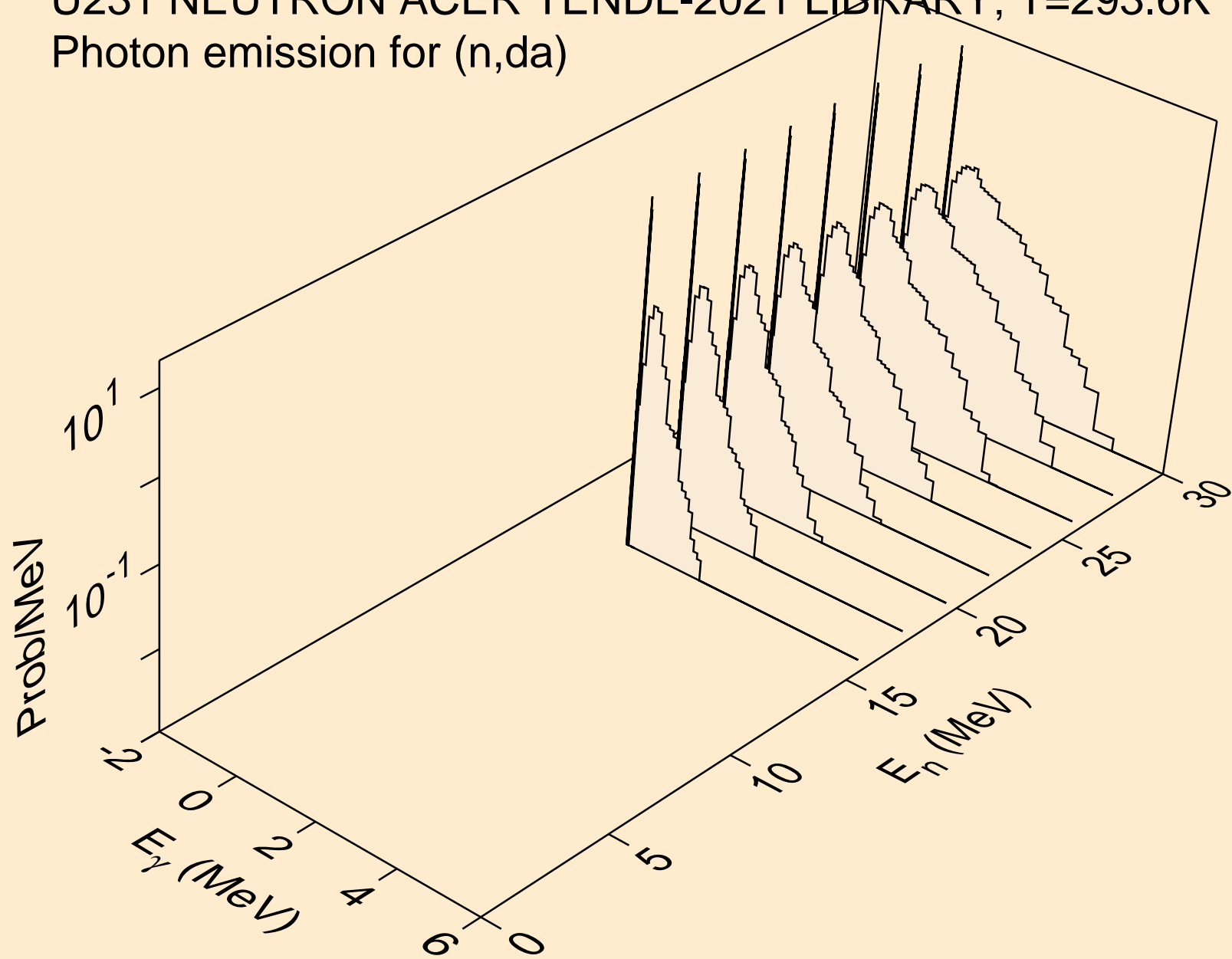
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



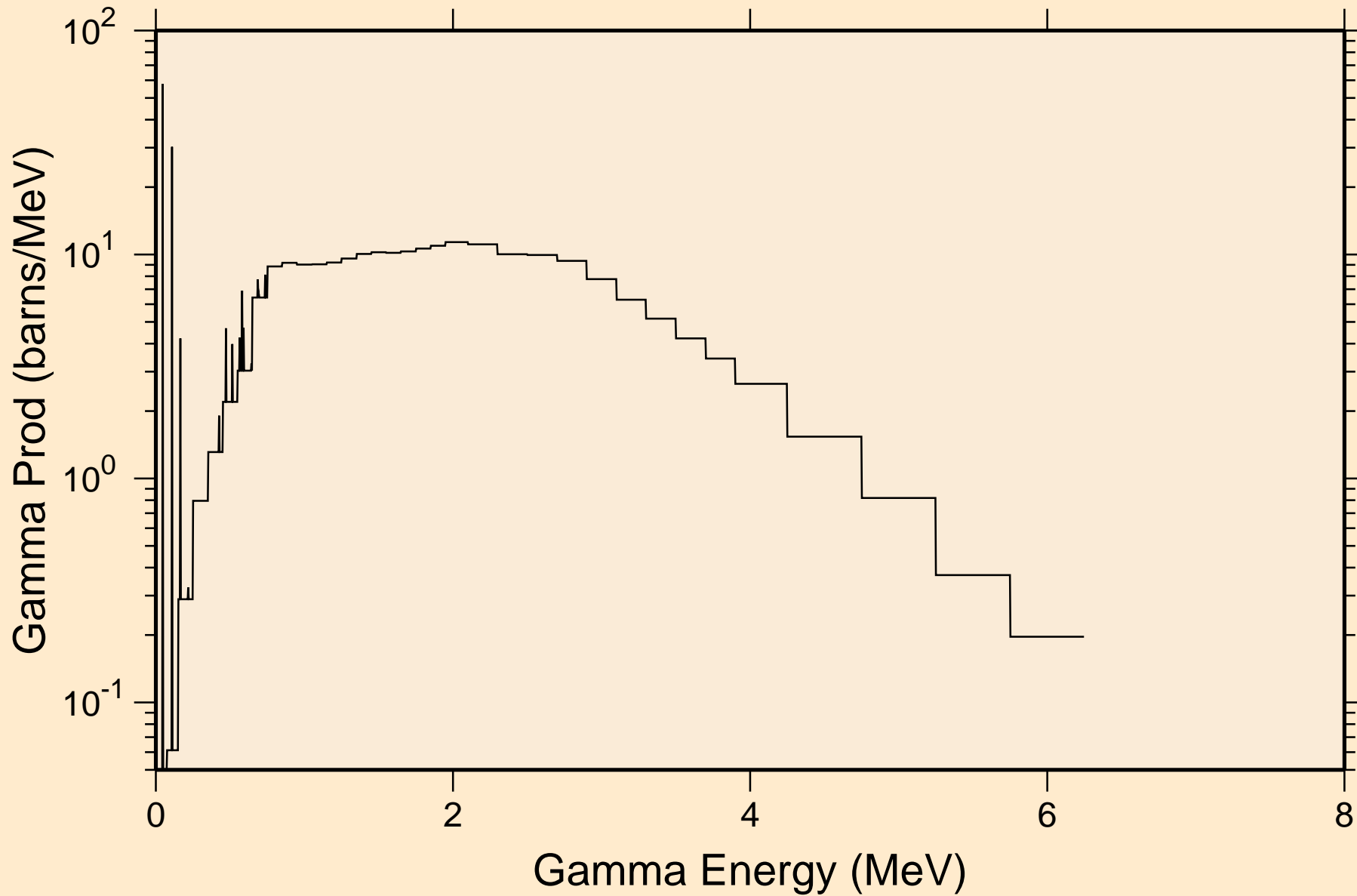
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



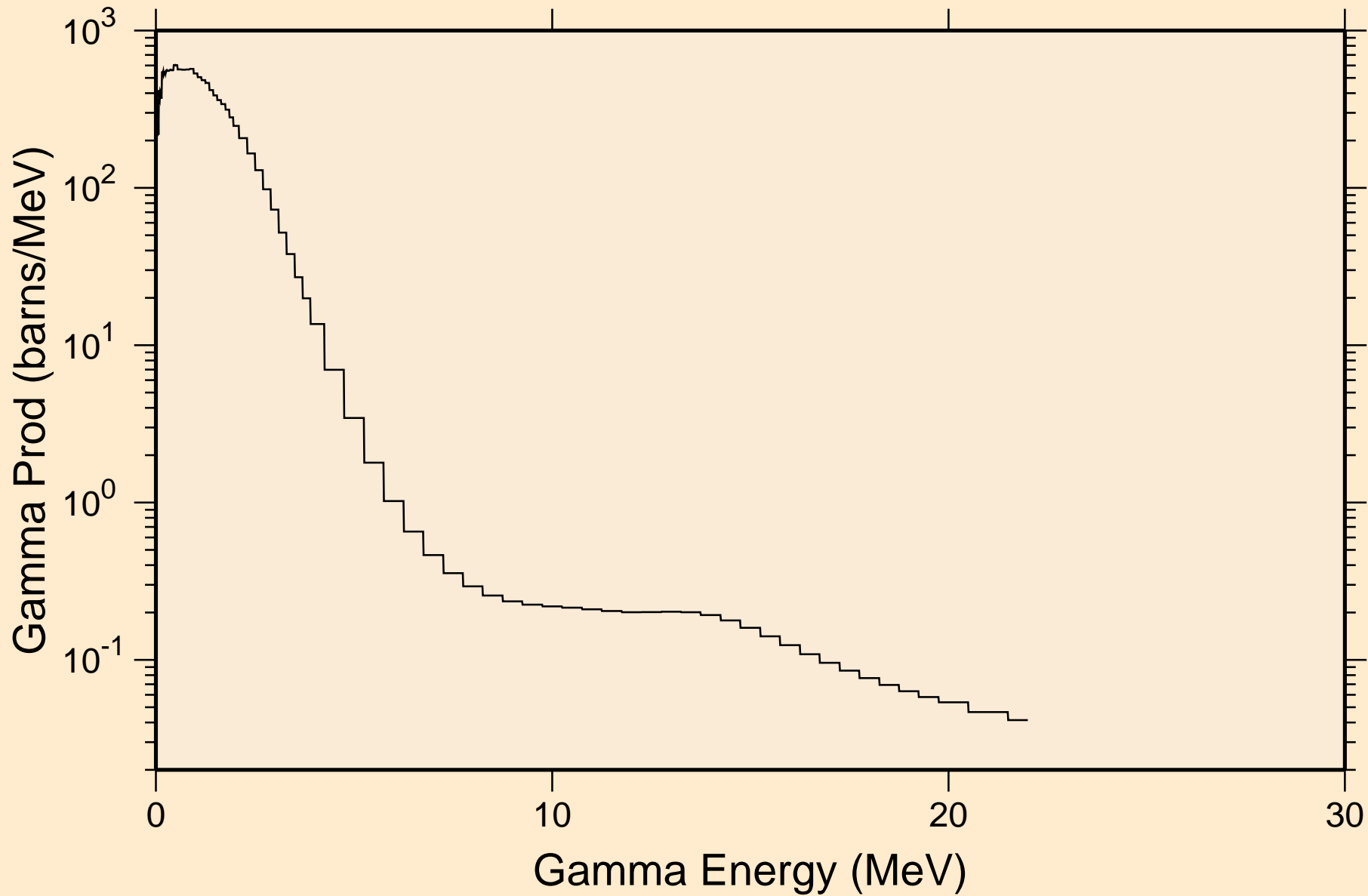
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,da)



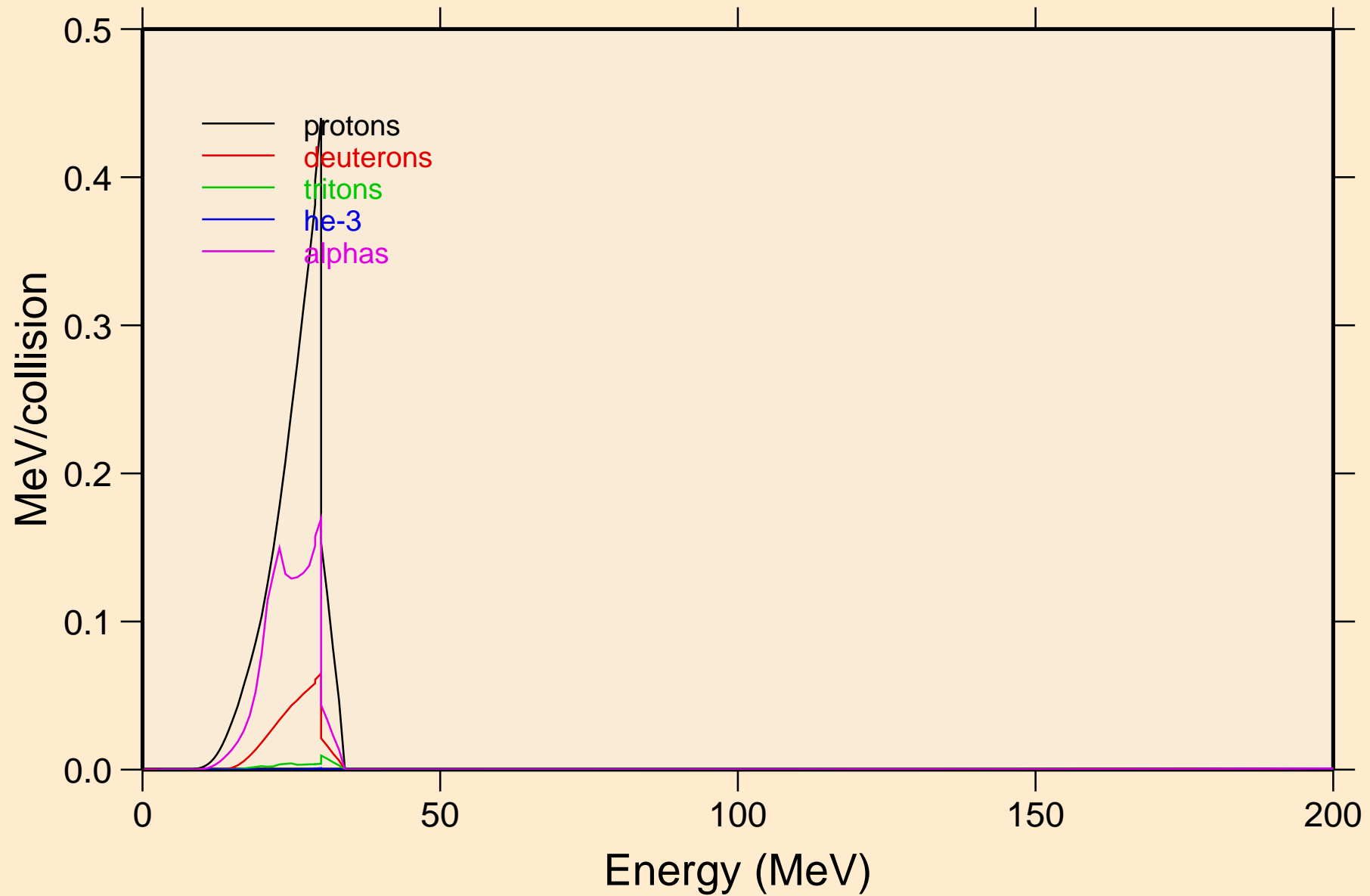
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum



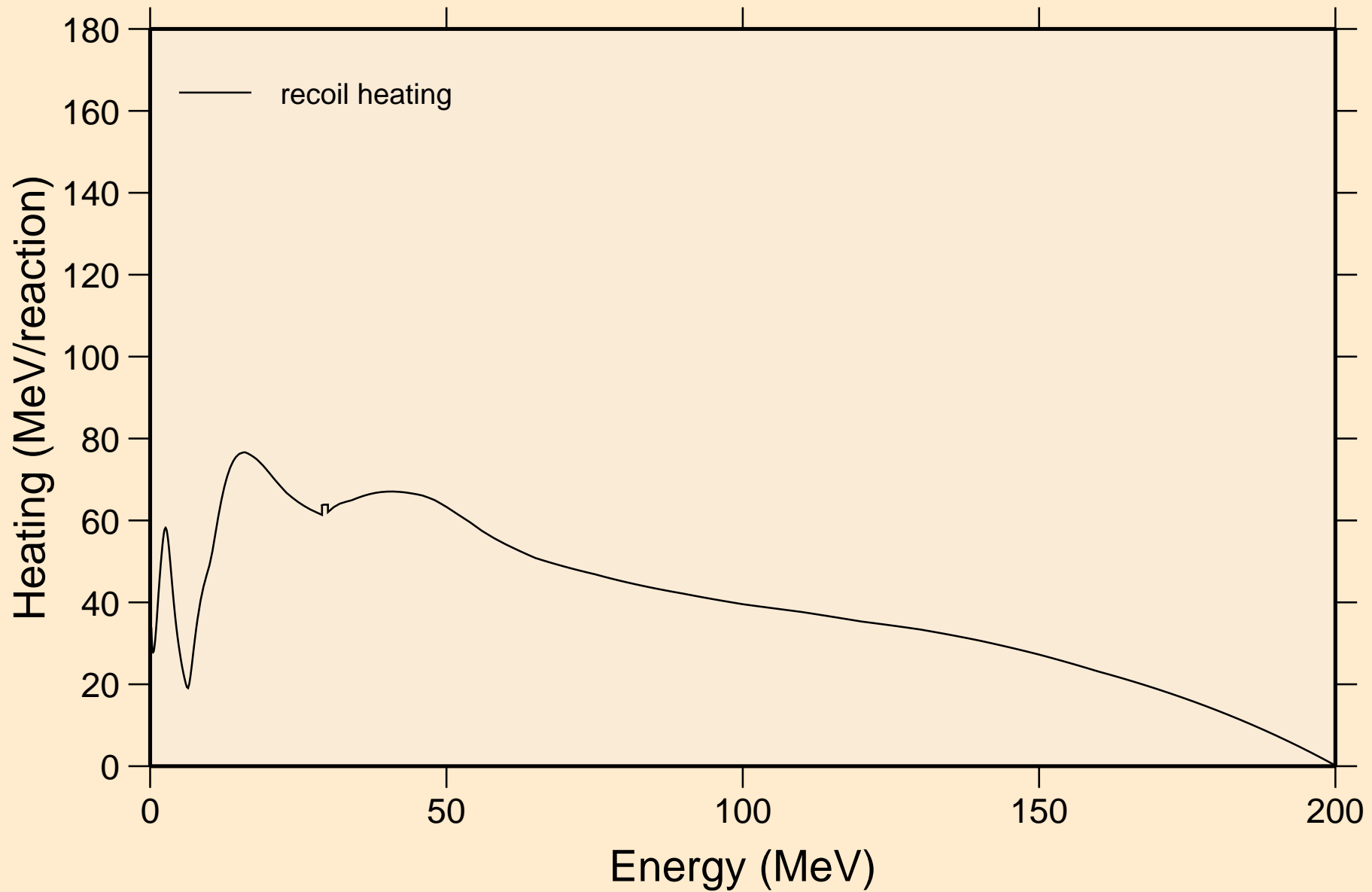
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
14 MeV photon spectrum



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Particle heating contributions

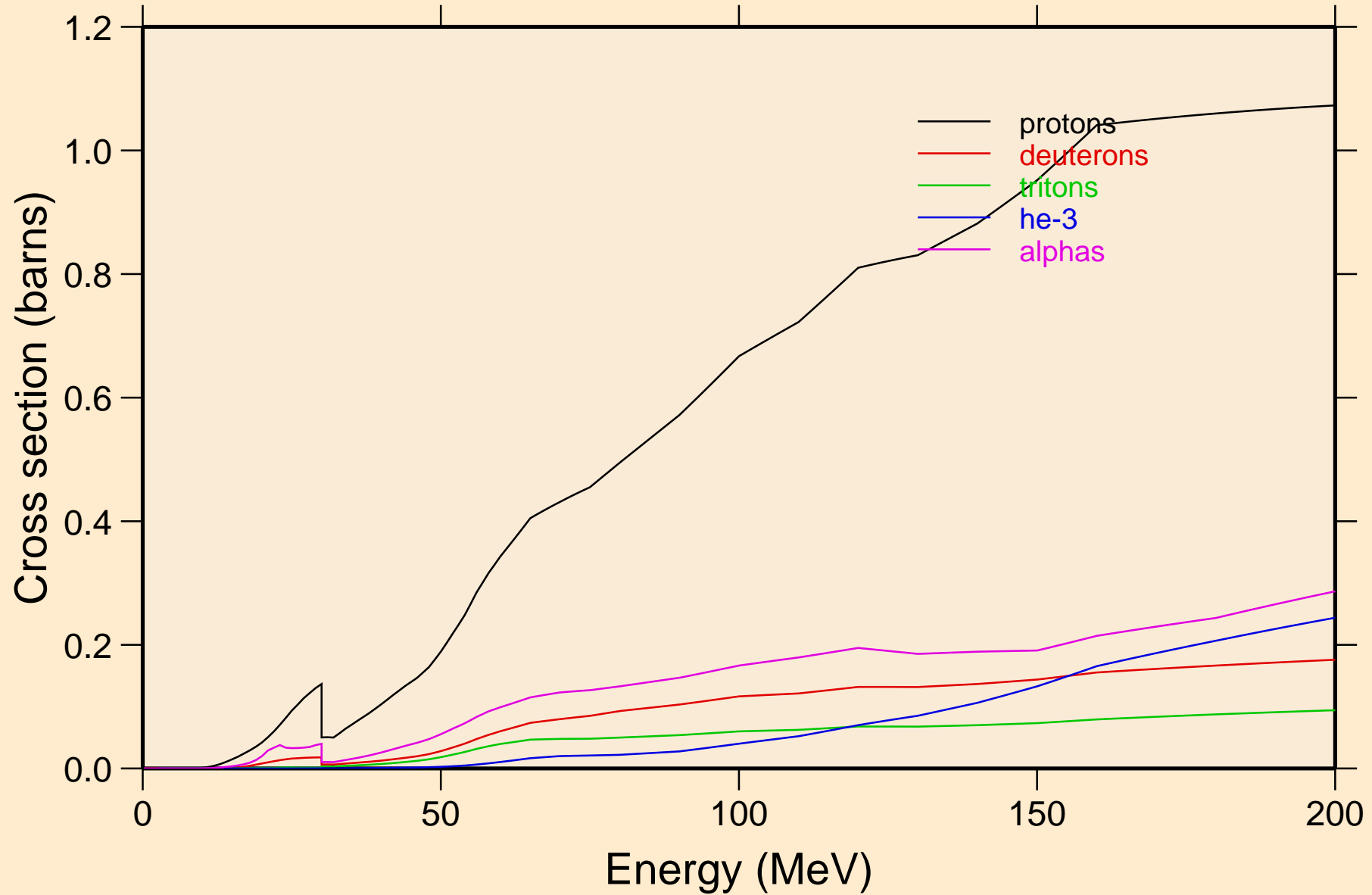


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Recoil Heating

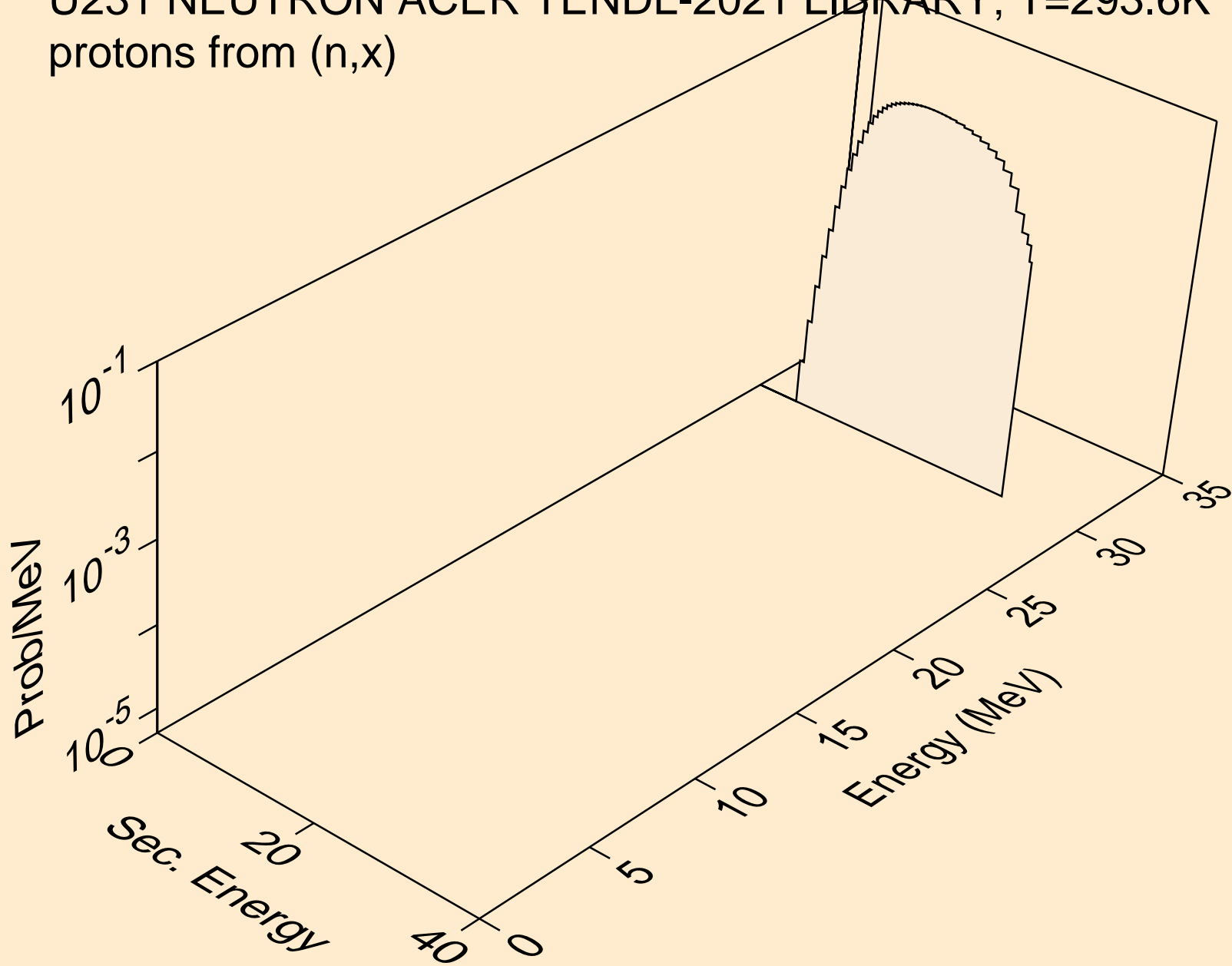


U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

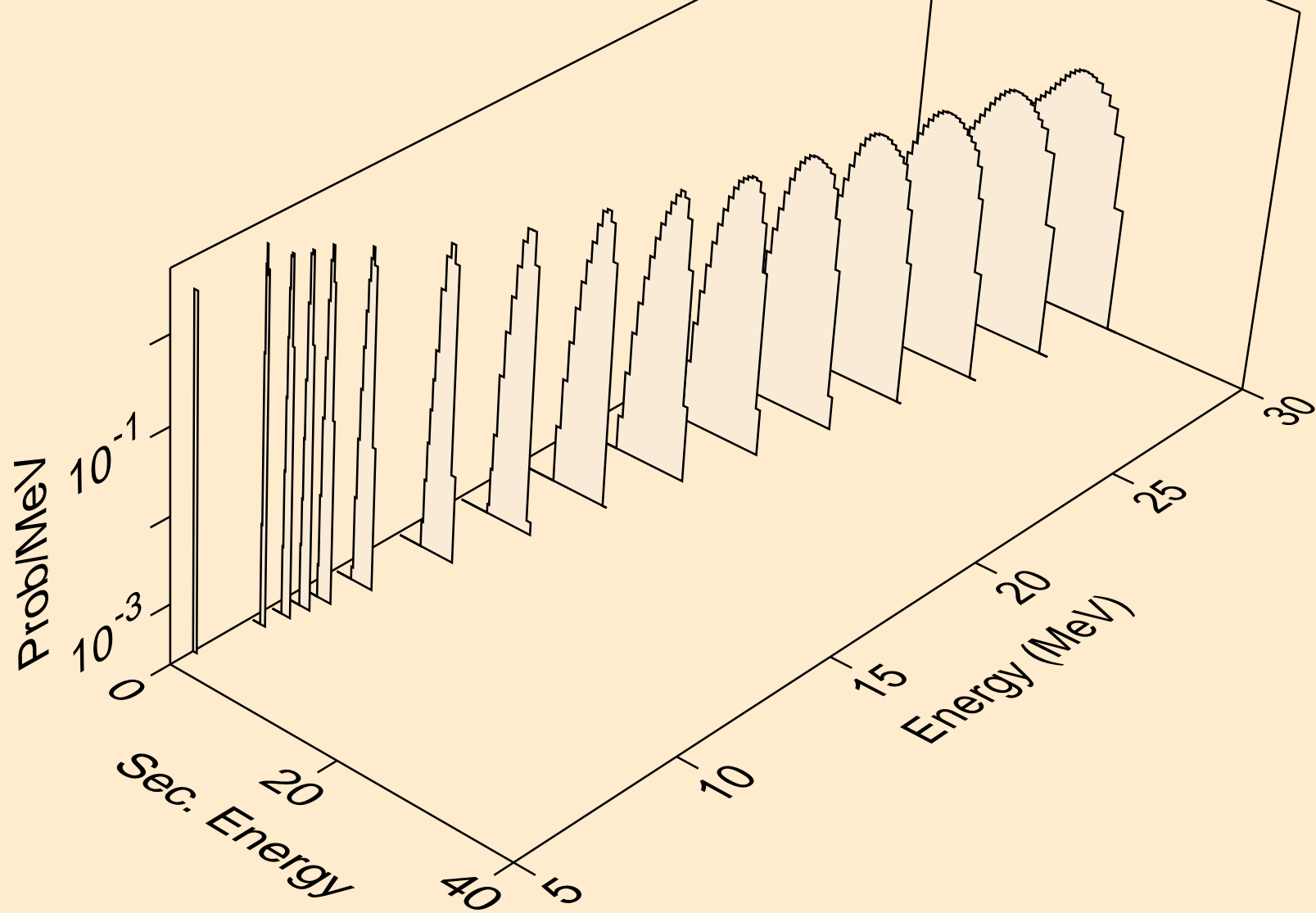
Particle production cross sections



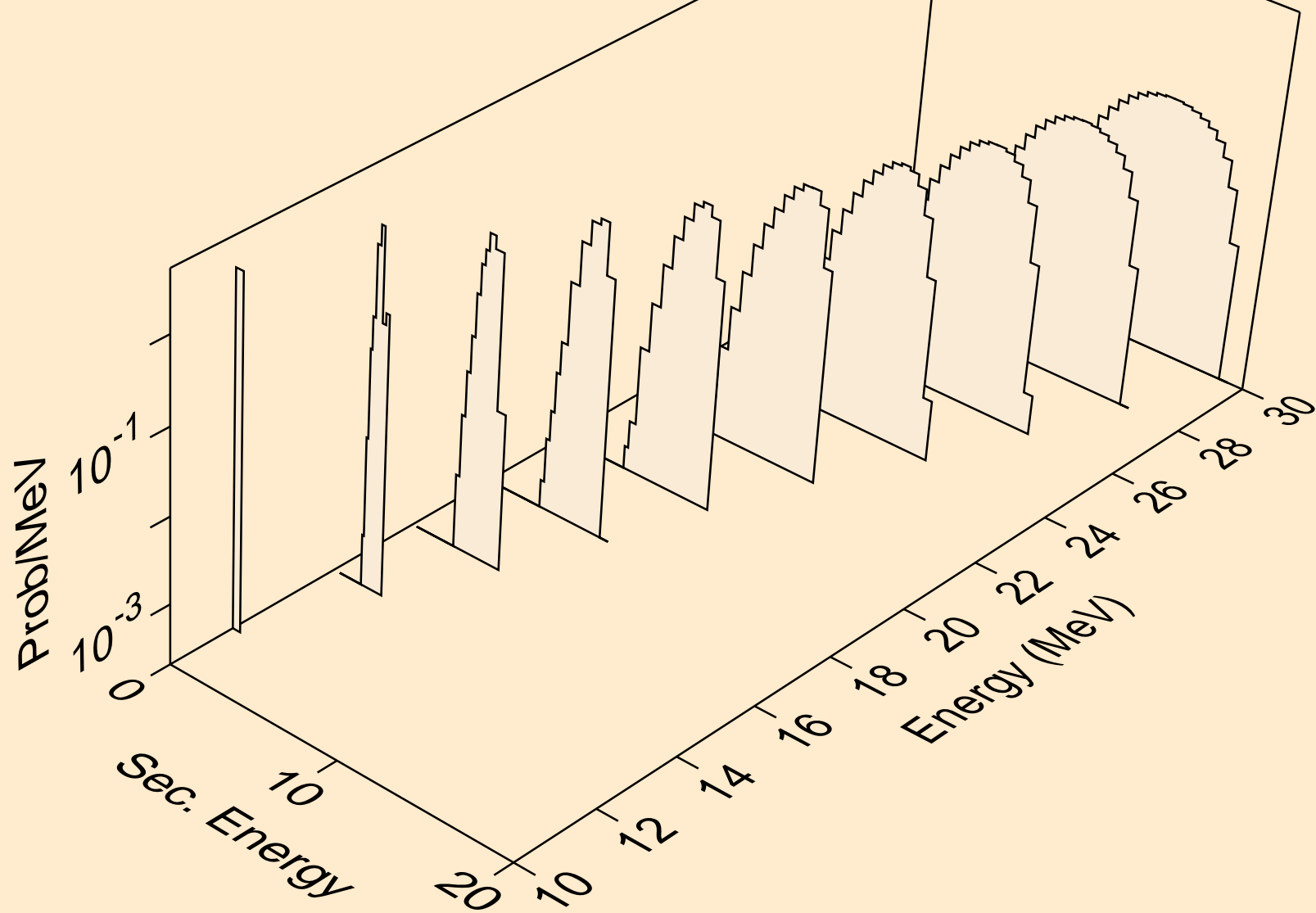
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



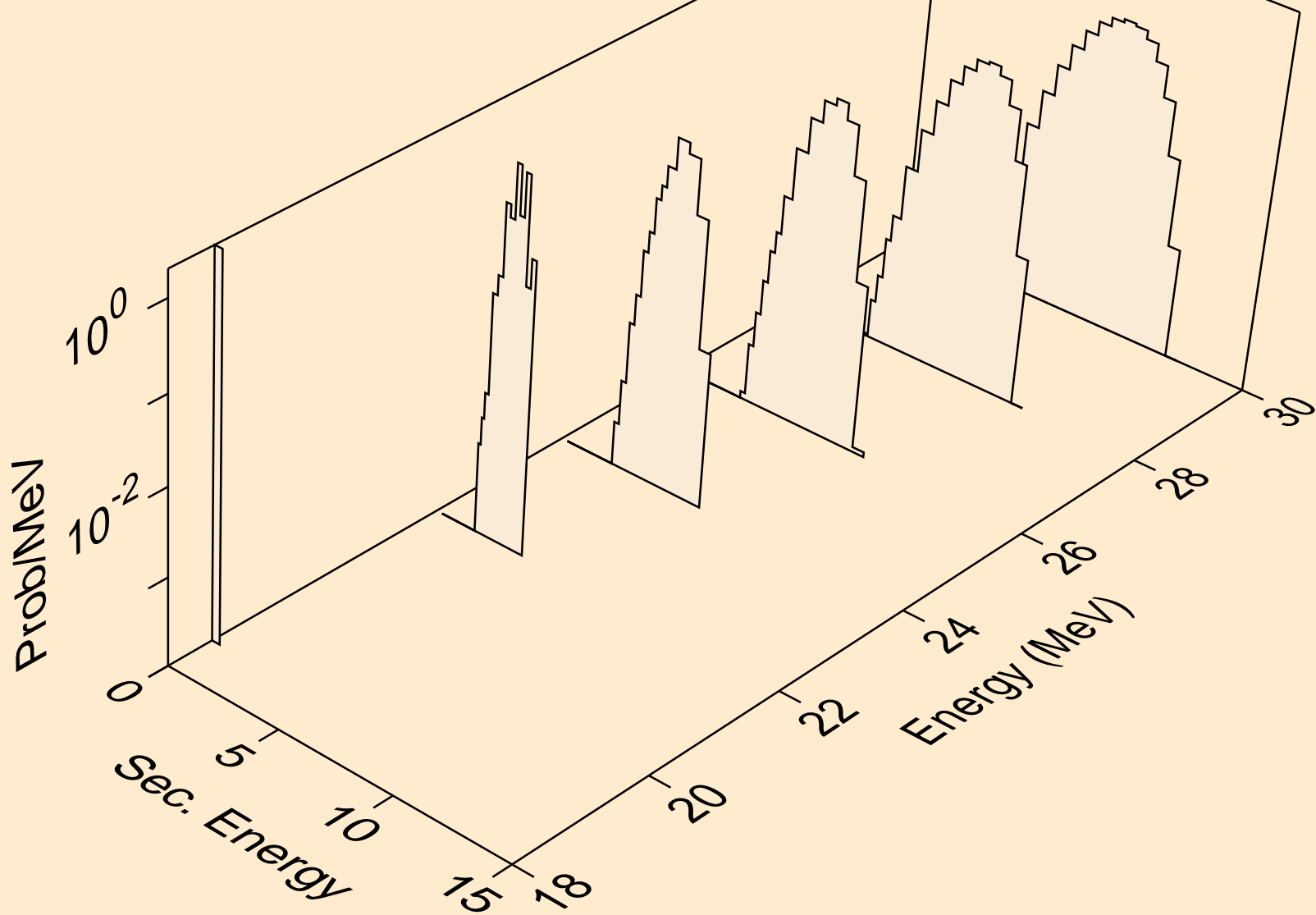
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



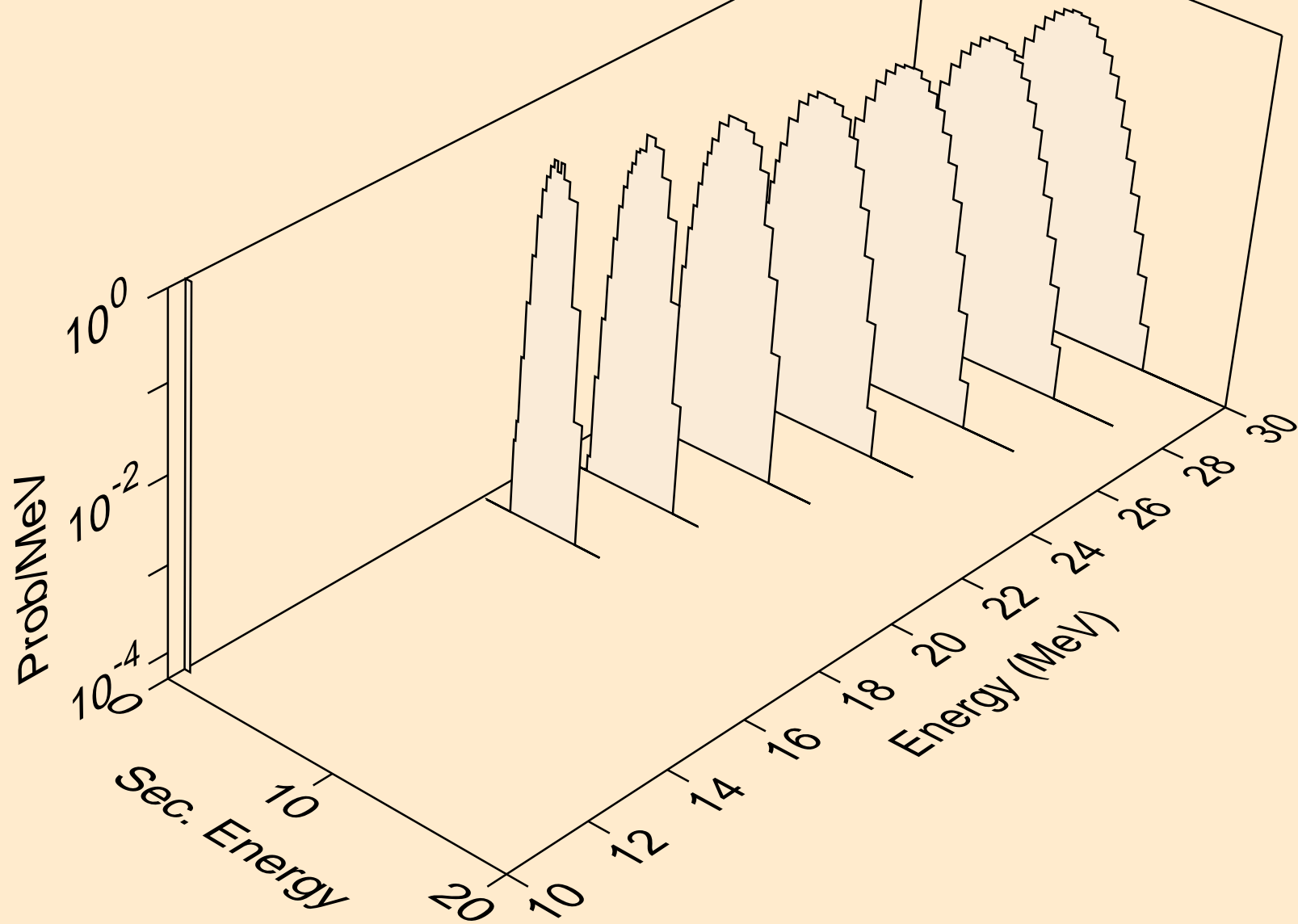
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



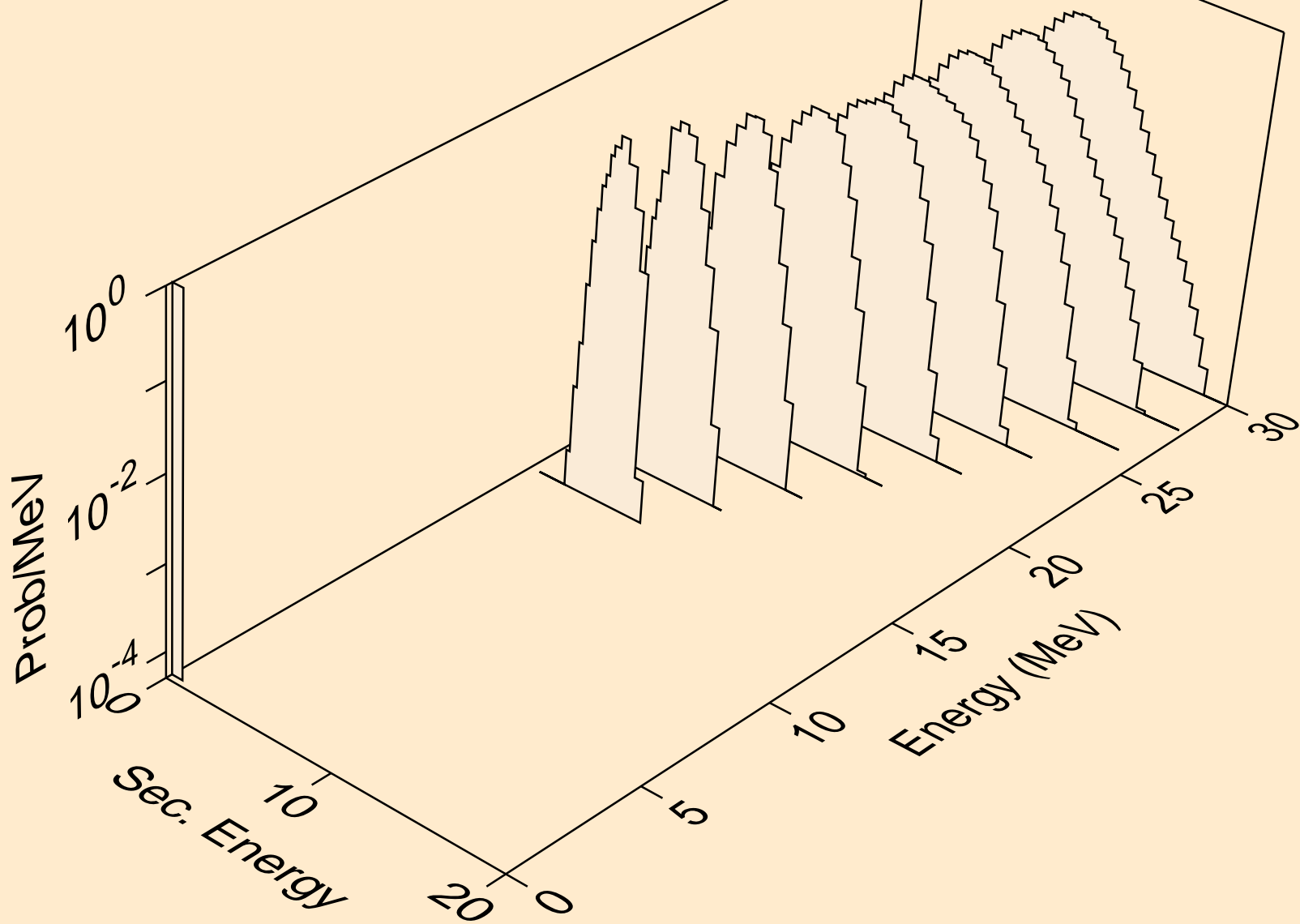
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protons from (n,3np)



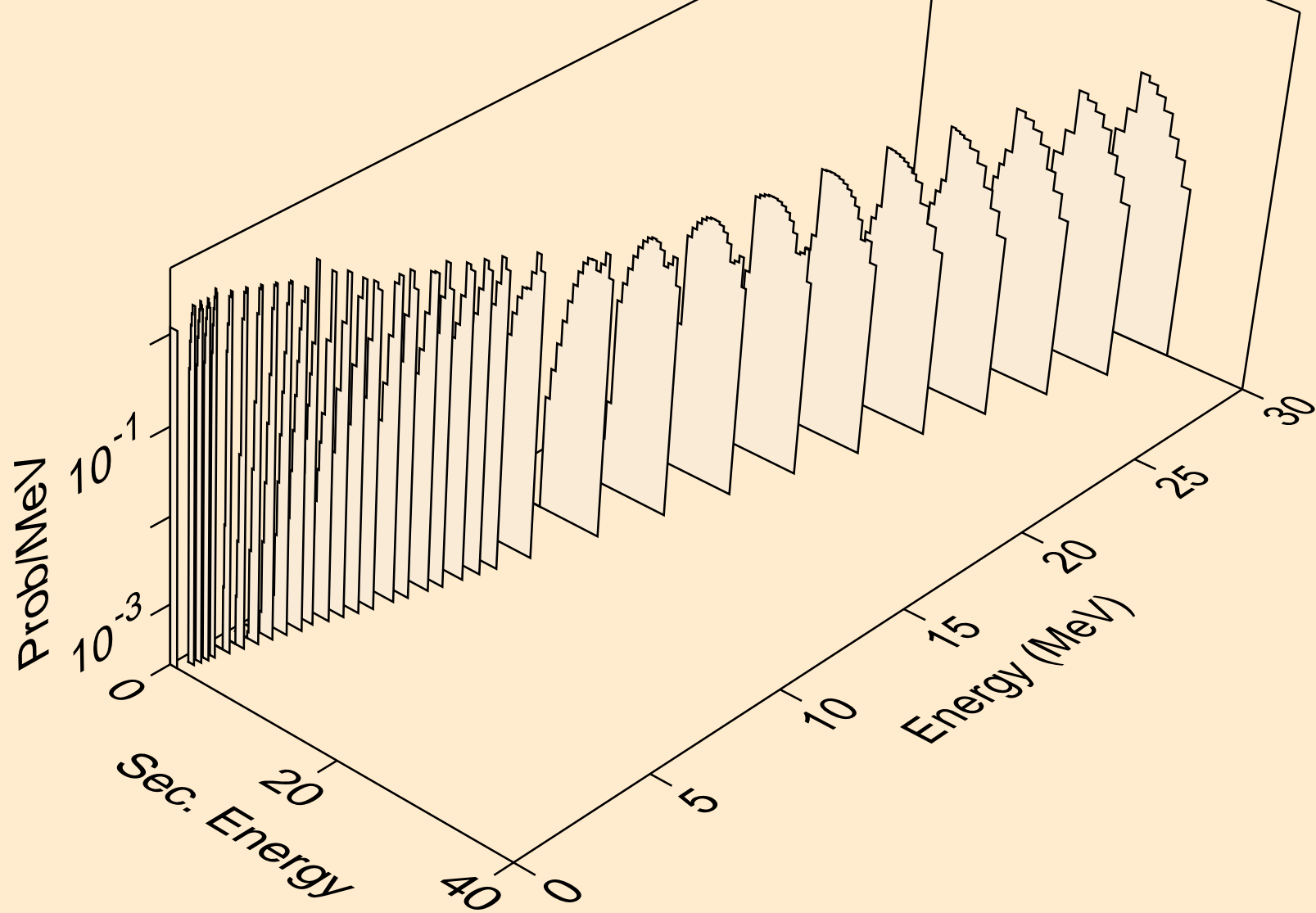
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protons from (n,2np)



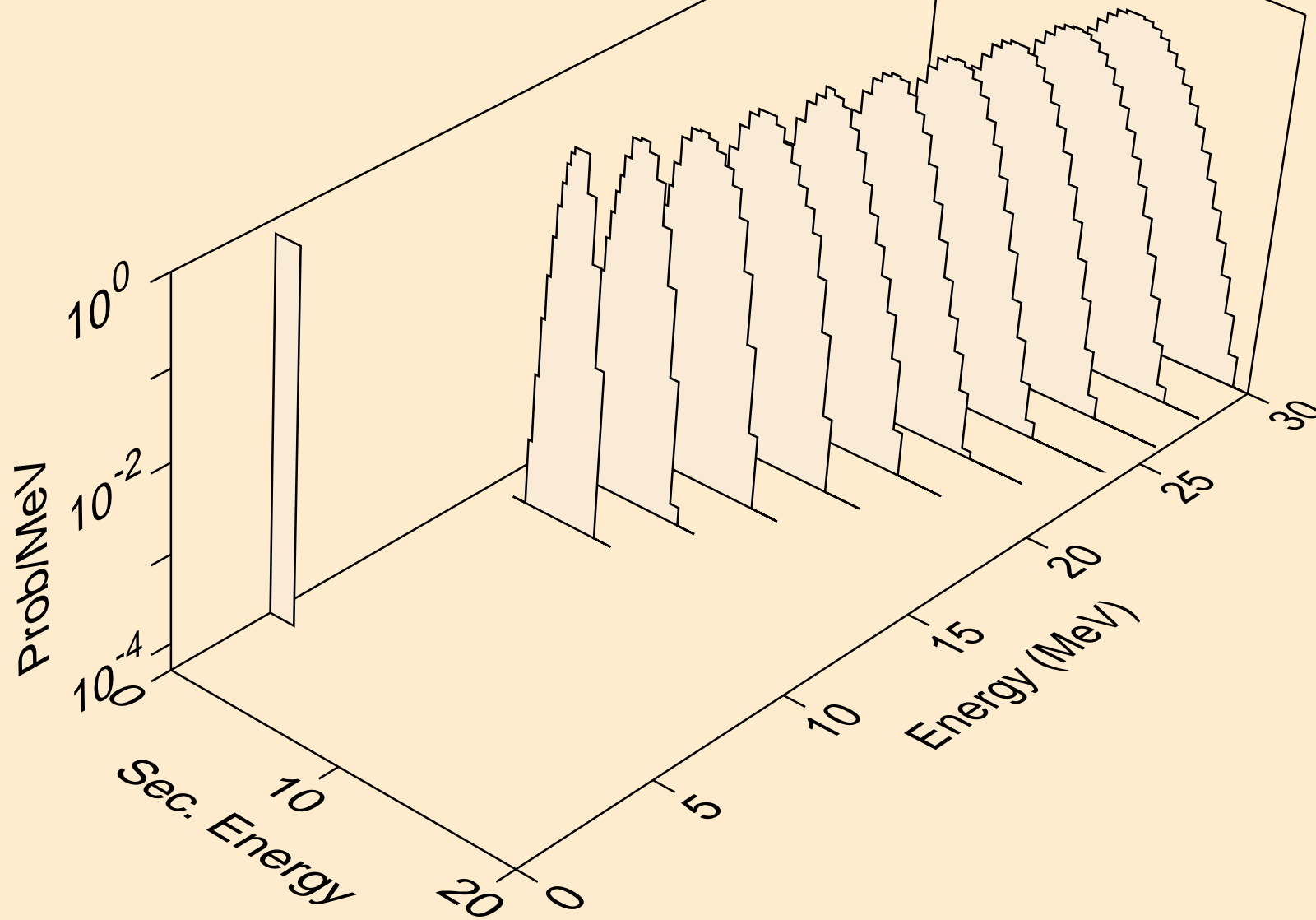
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protons from (n,npa)



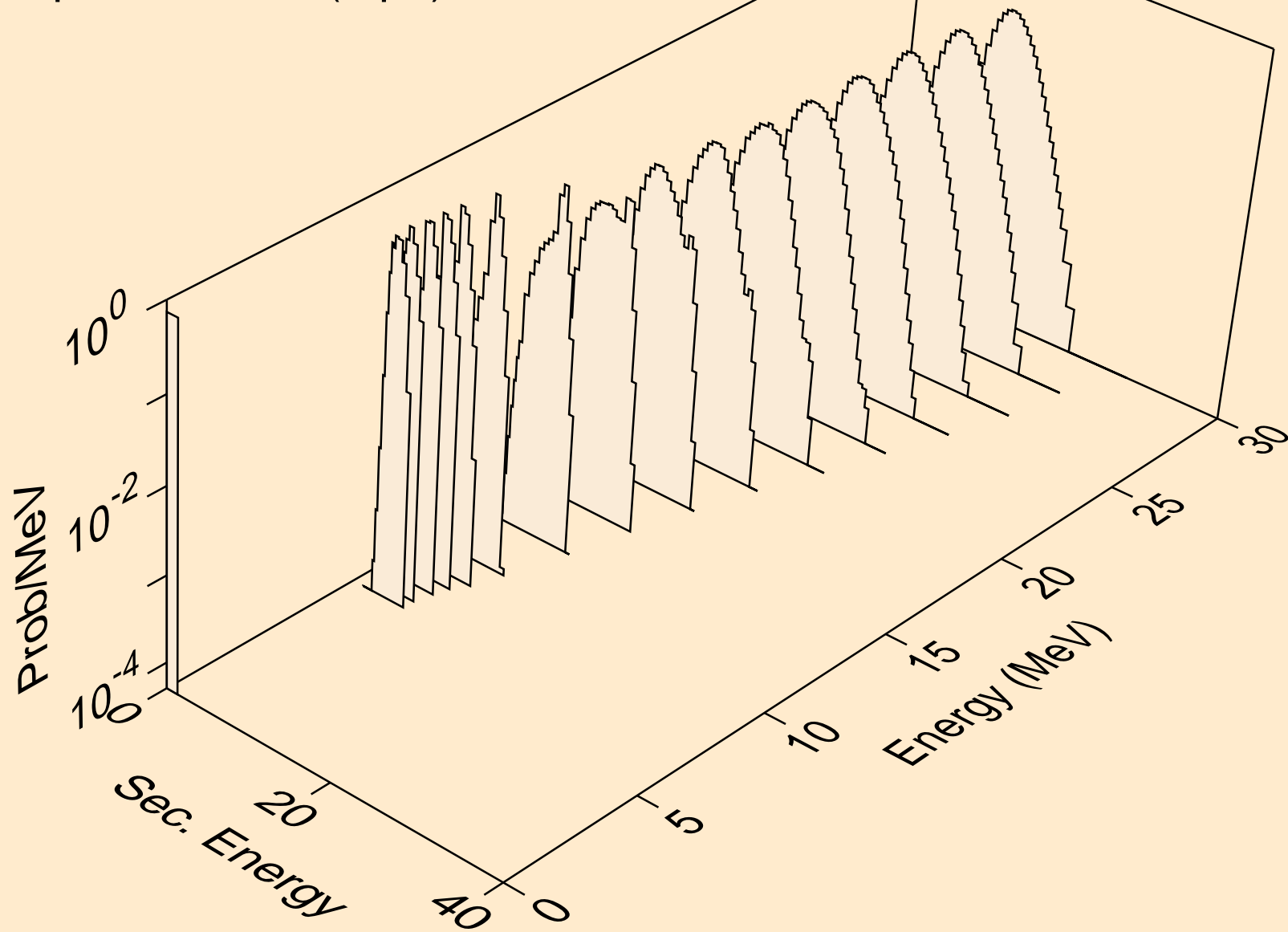
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protons from (n,p)



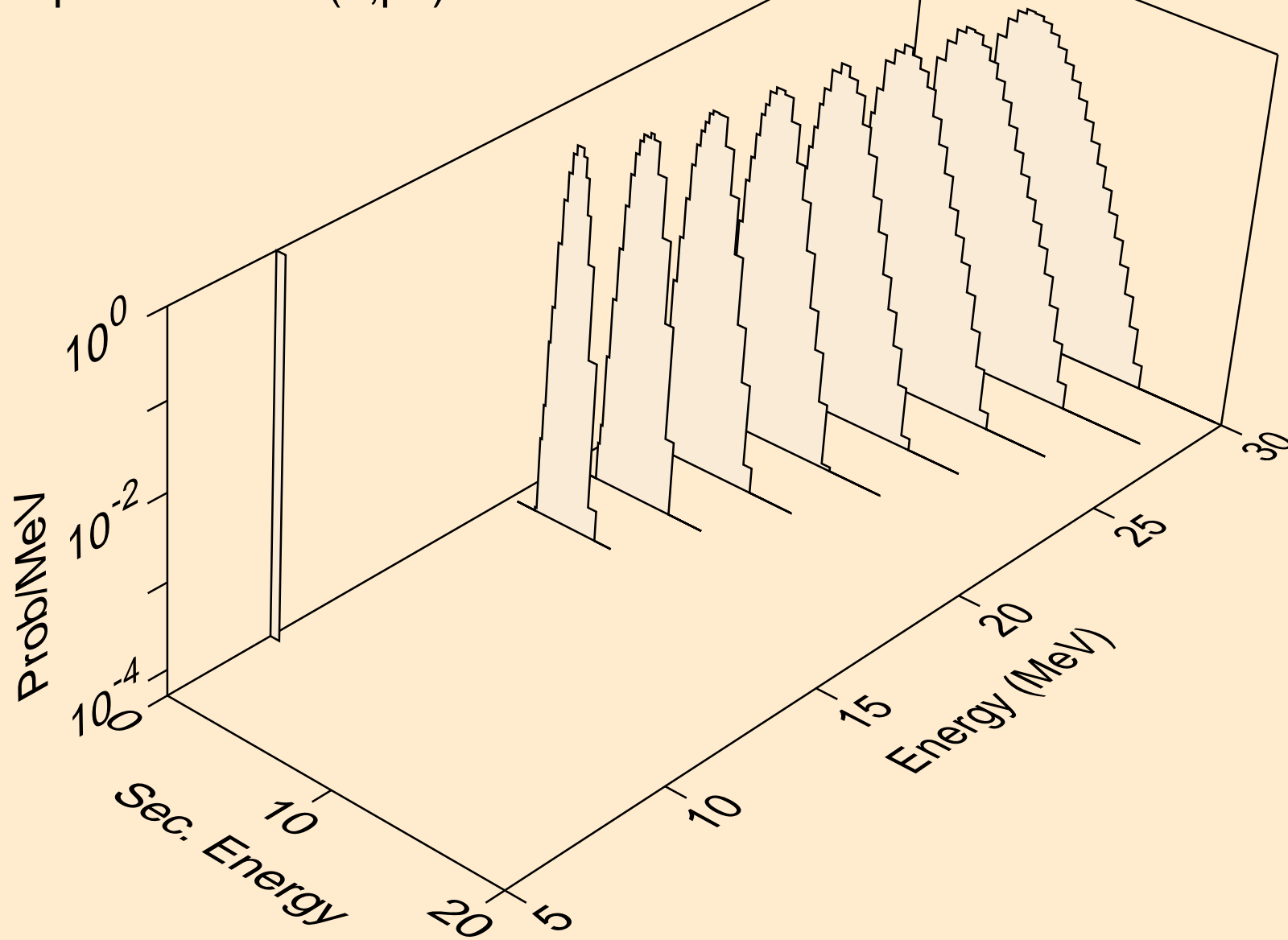
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protons from (n,2p)



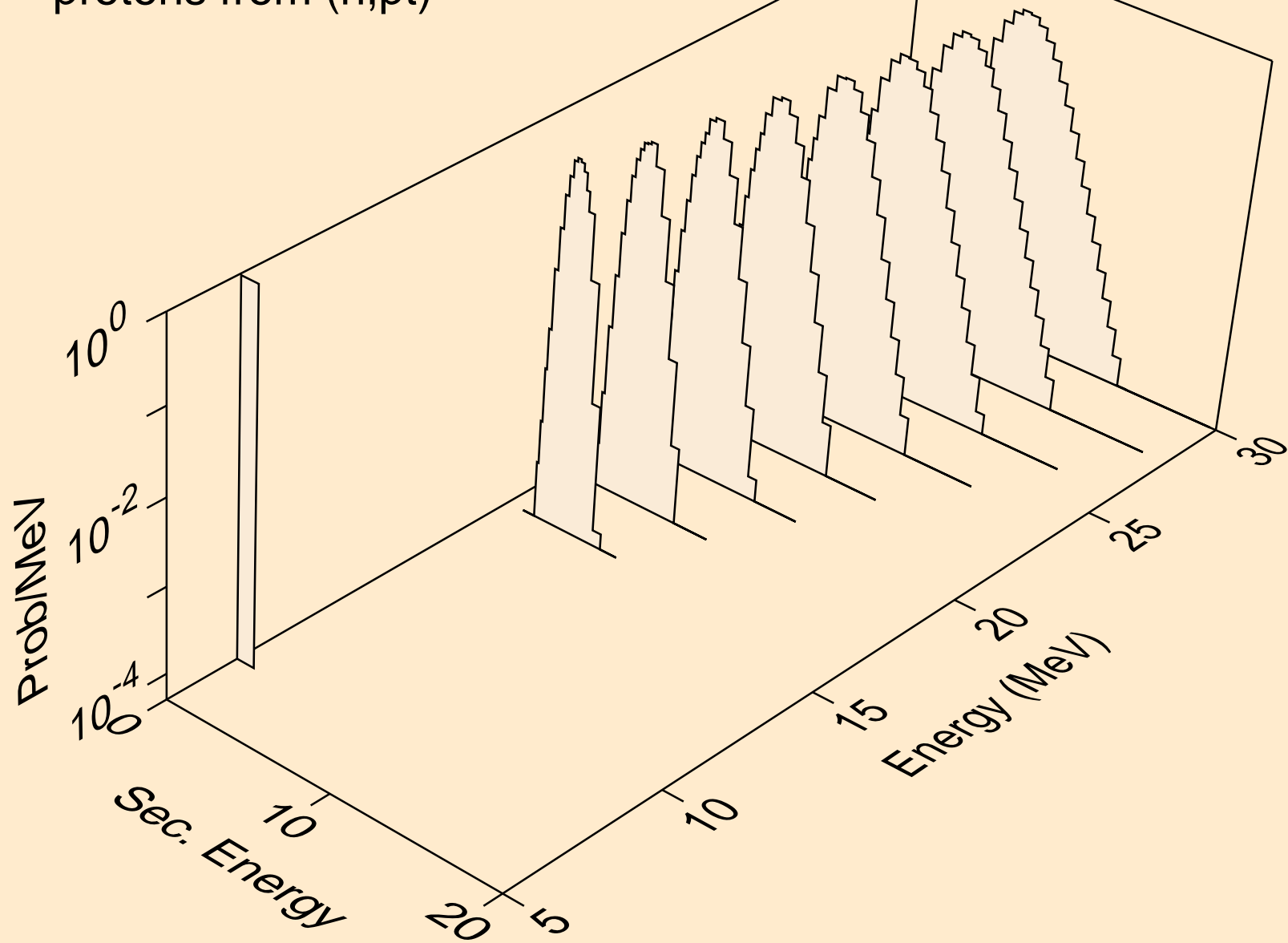
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protons from (n,p)



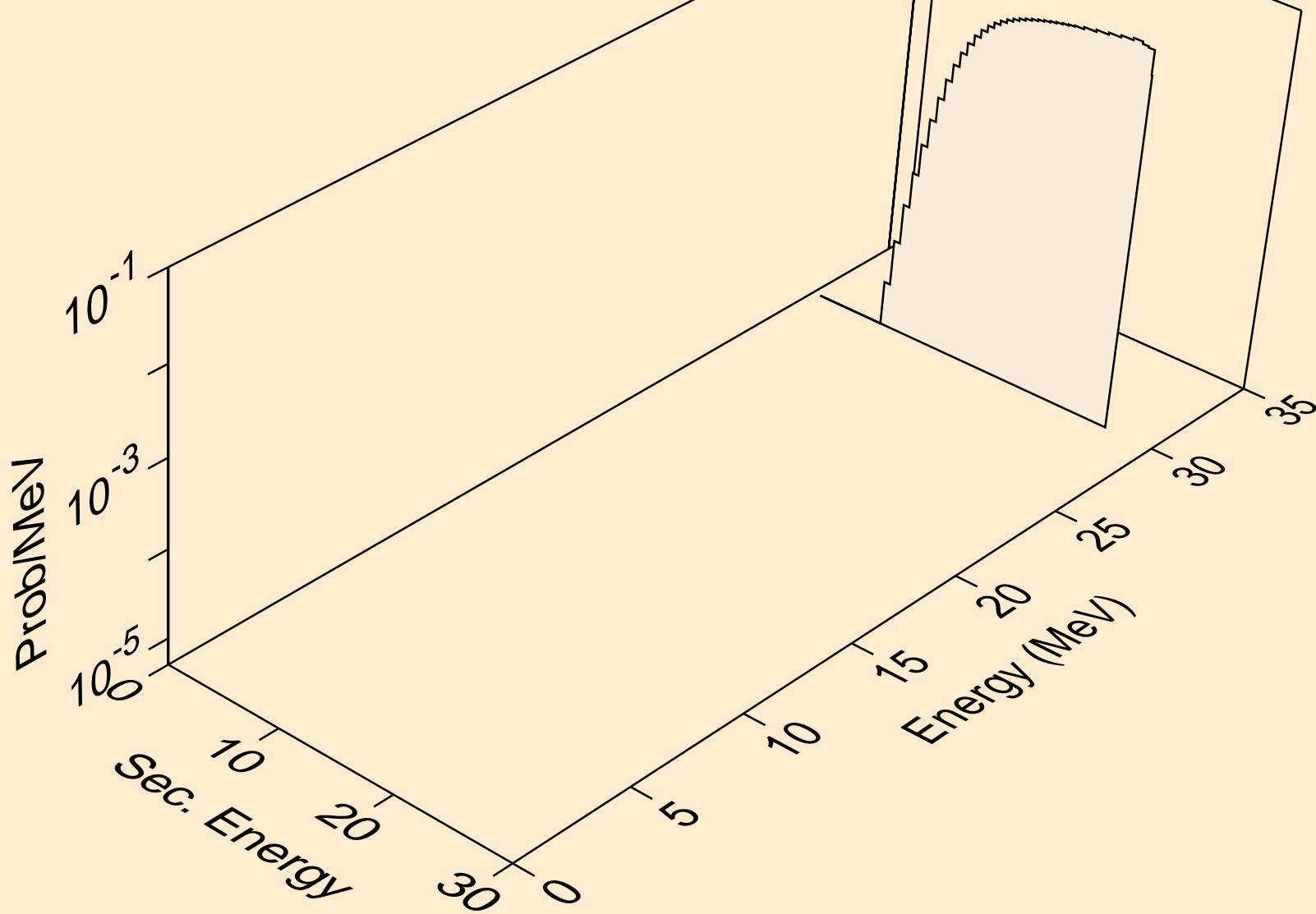
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protons from (n,pd)



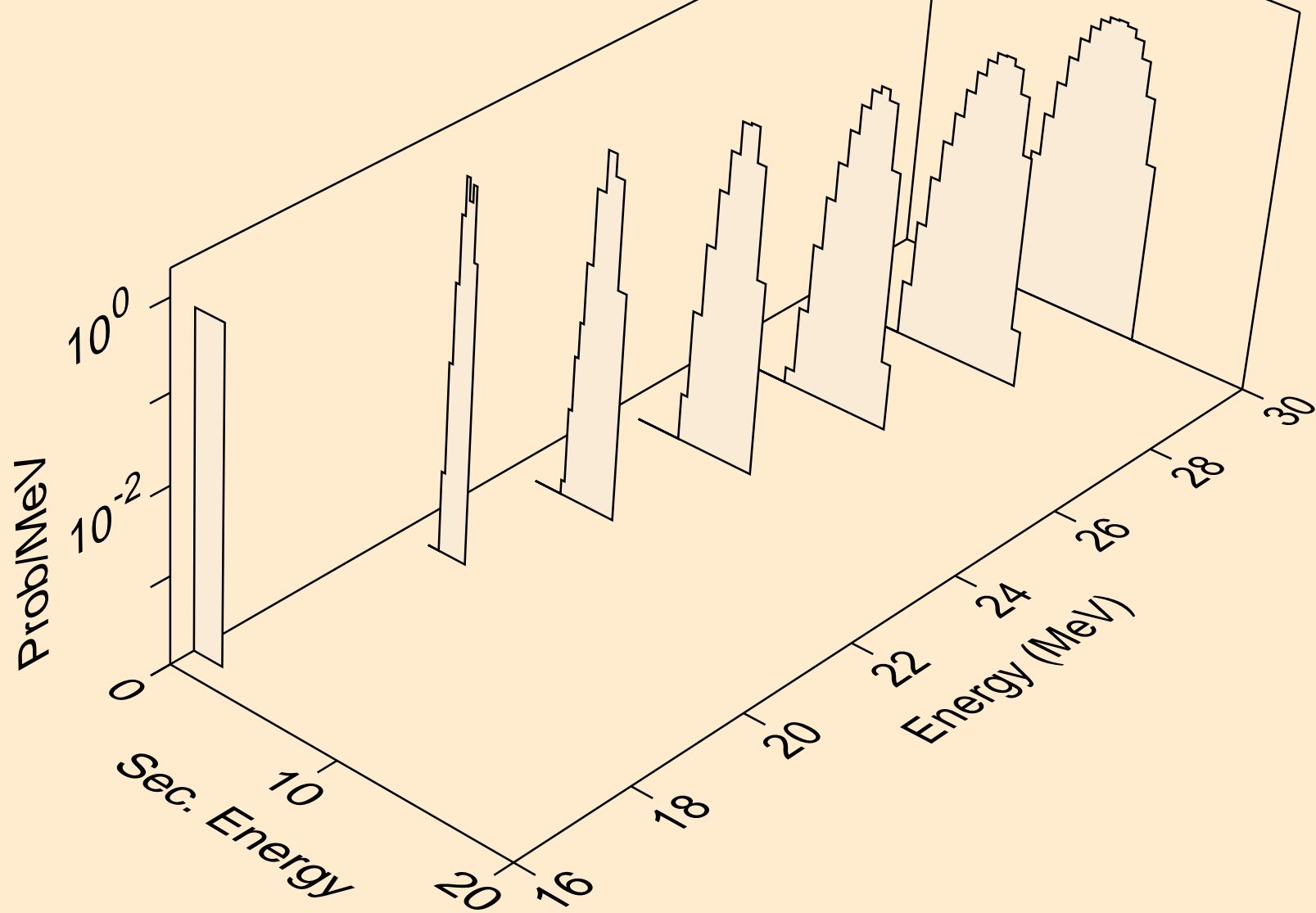
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protons from (n,pt)



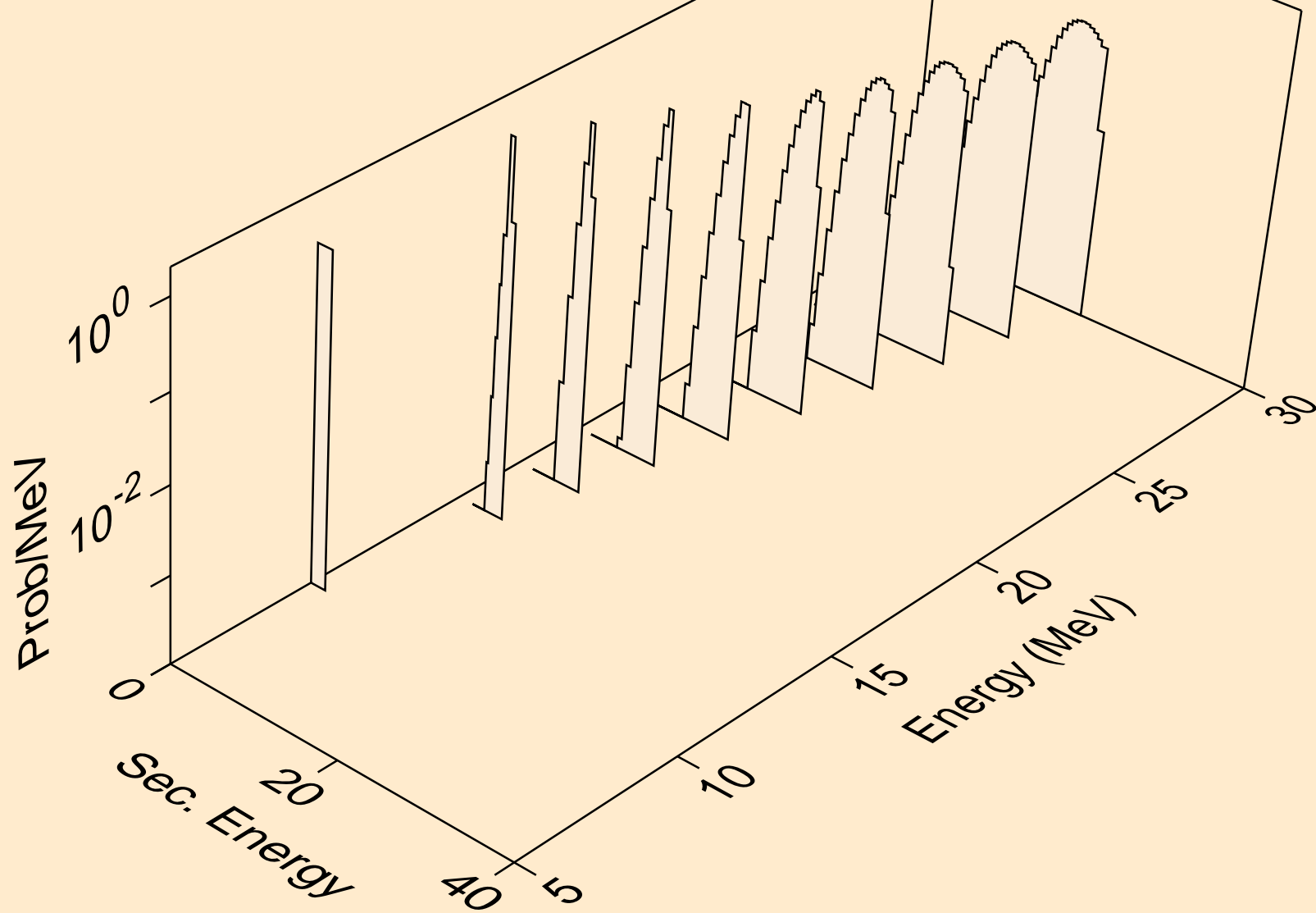
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



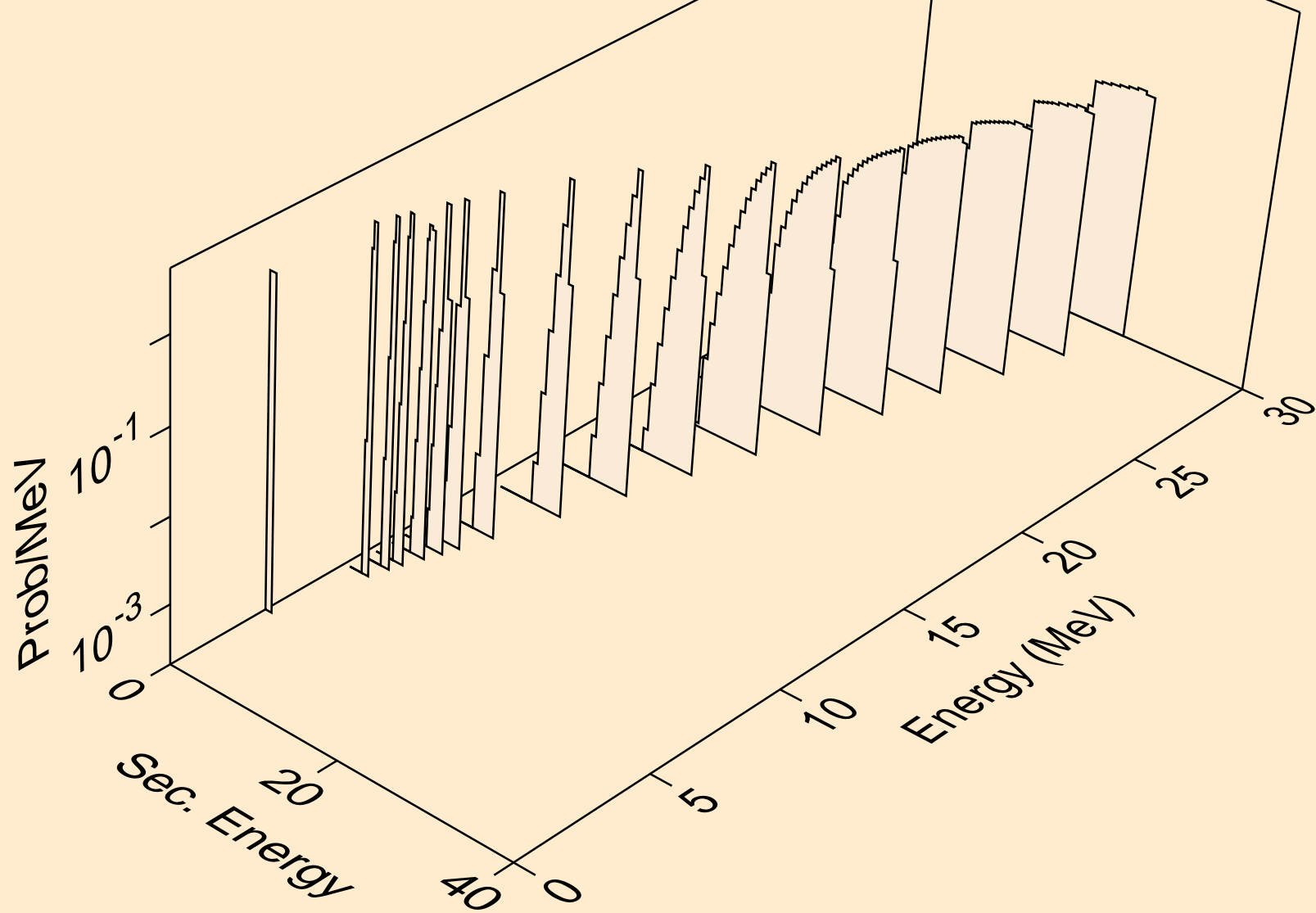
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,2nd)



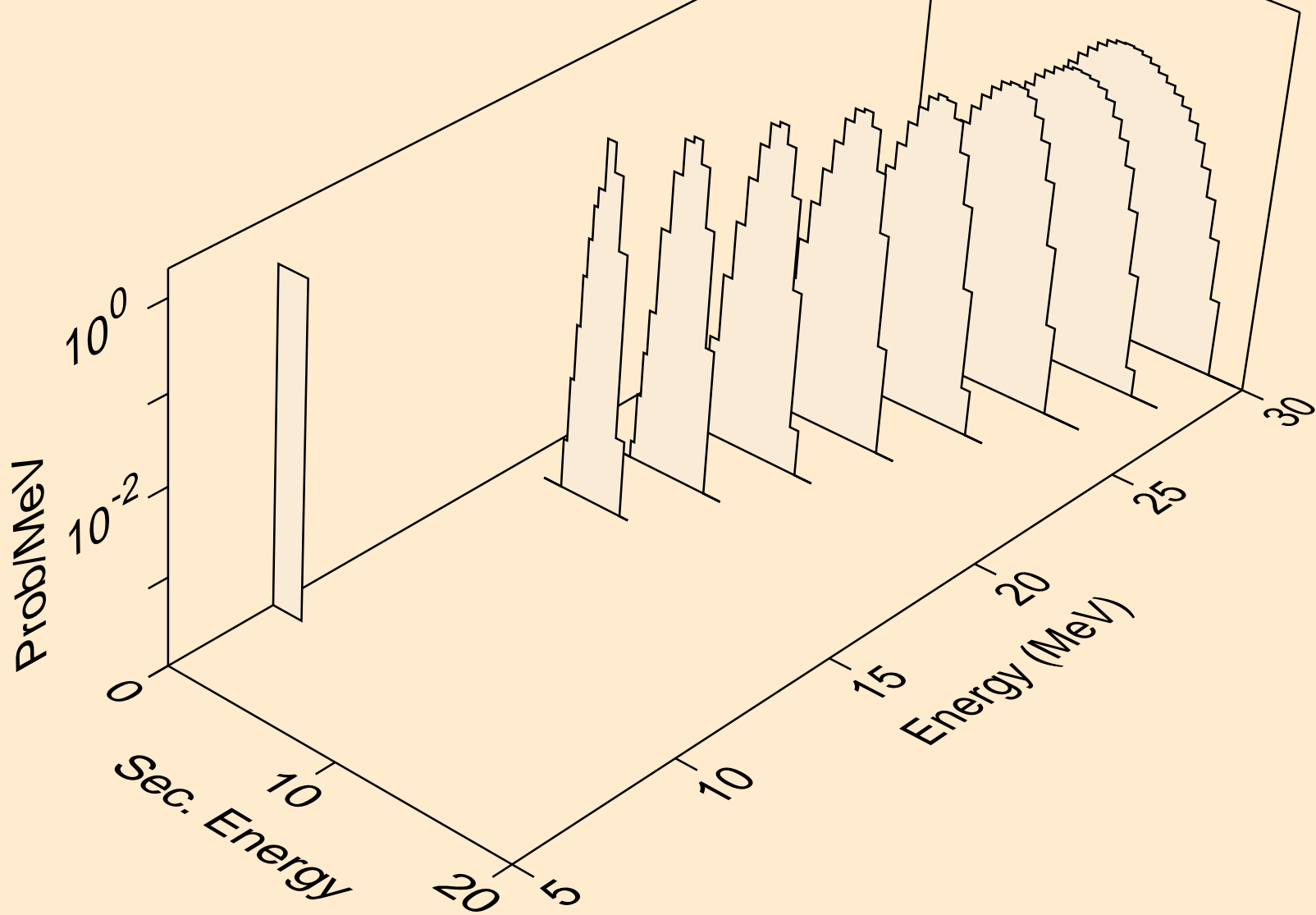
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



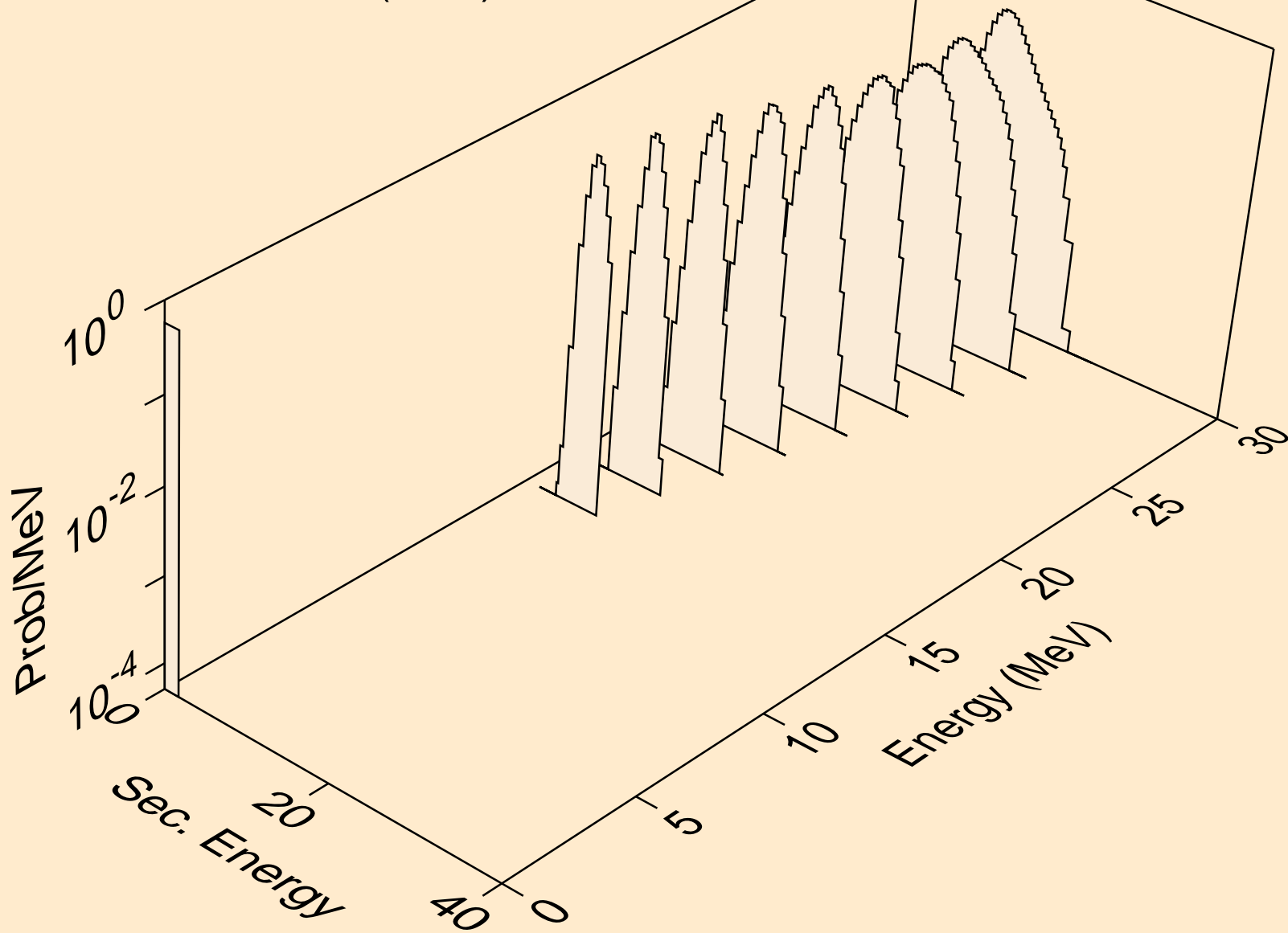
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deuterons from (n,d)



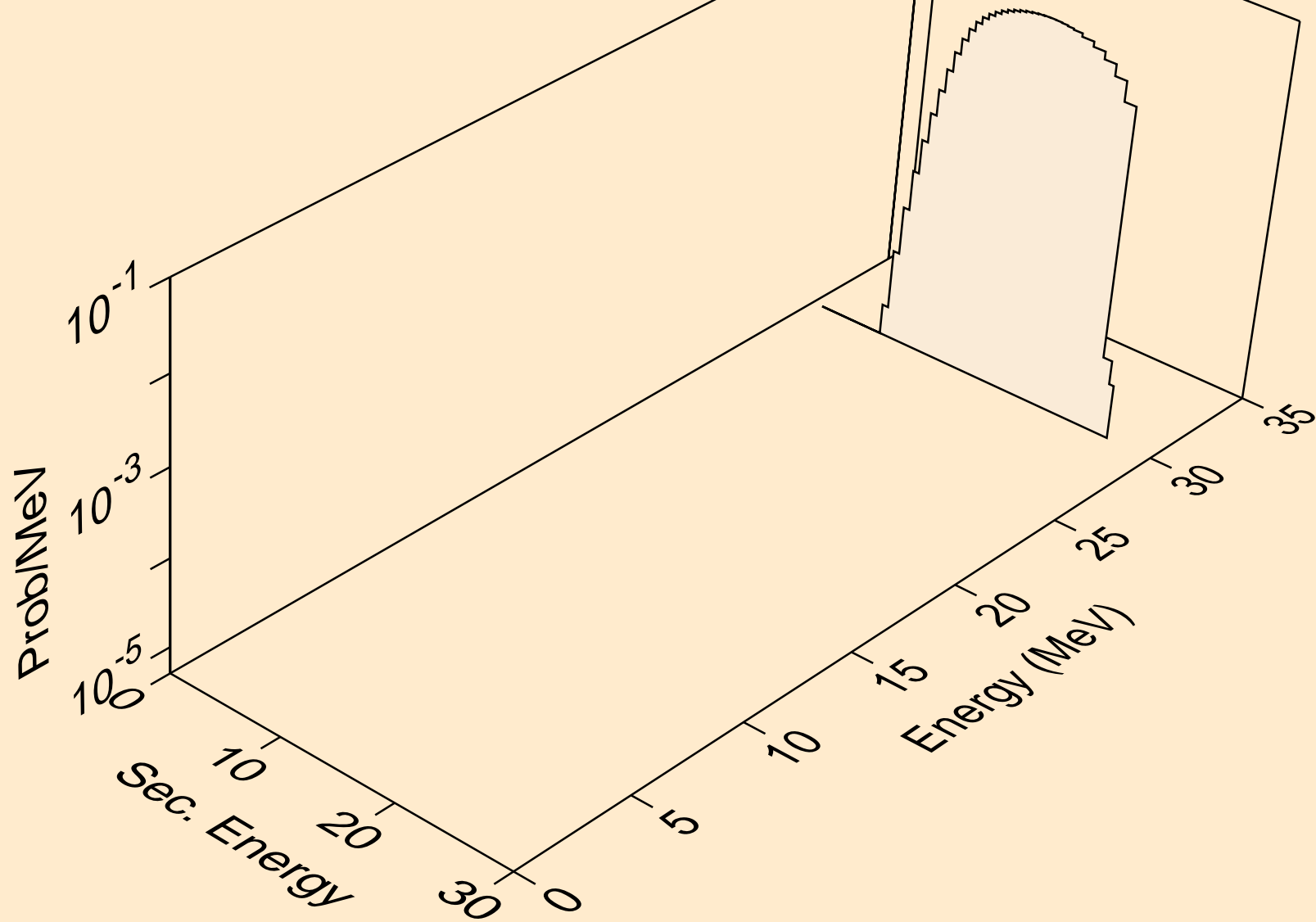
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deuterons from (n,pd)



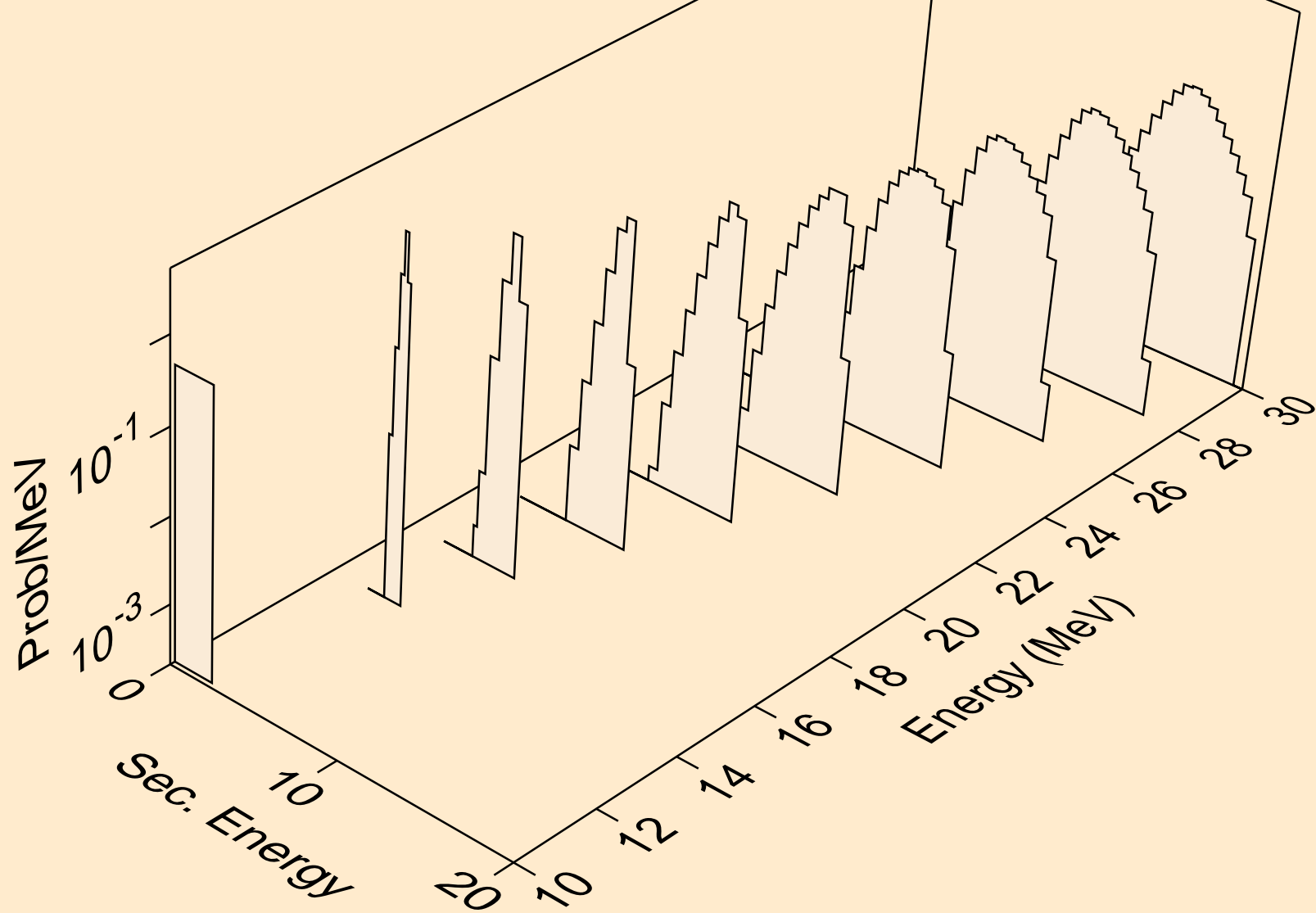
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deuterons from (n,da)



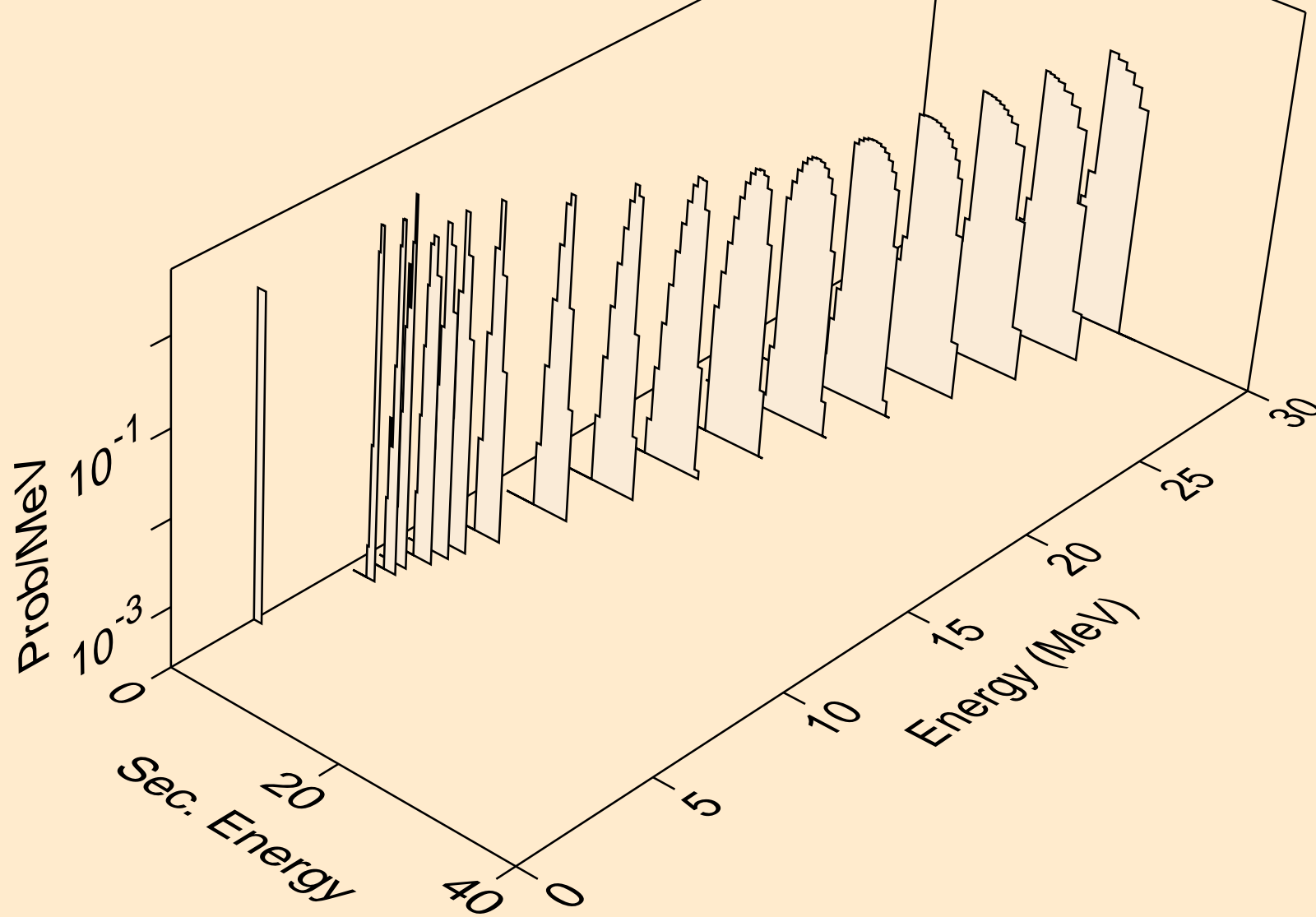
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



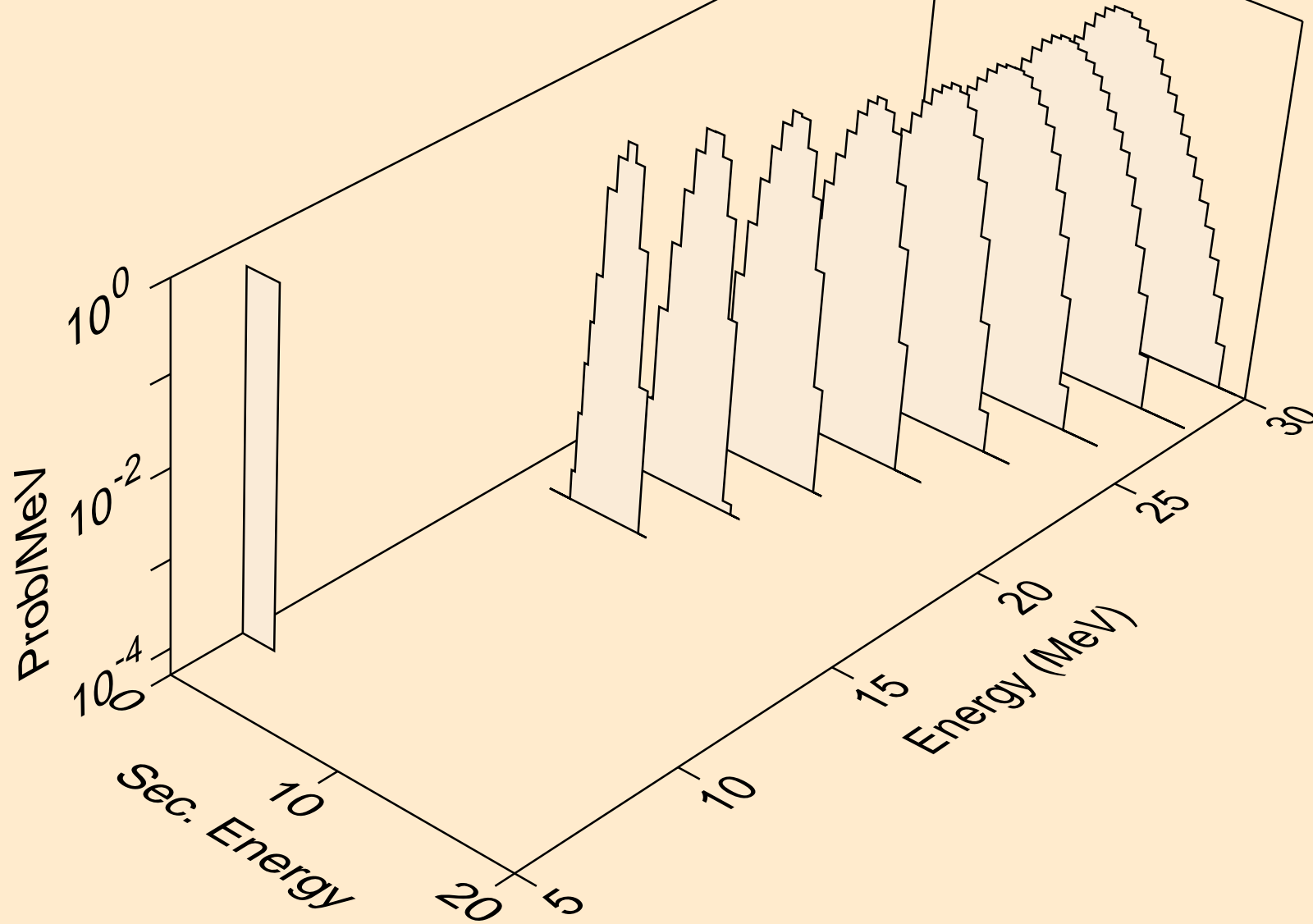
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



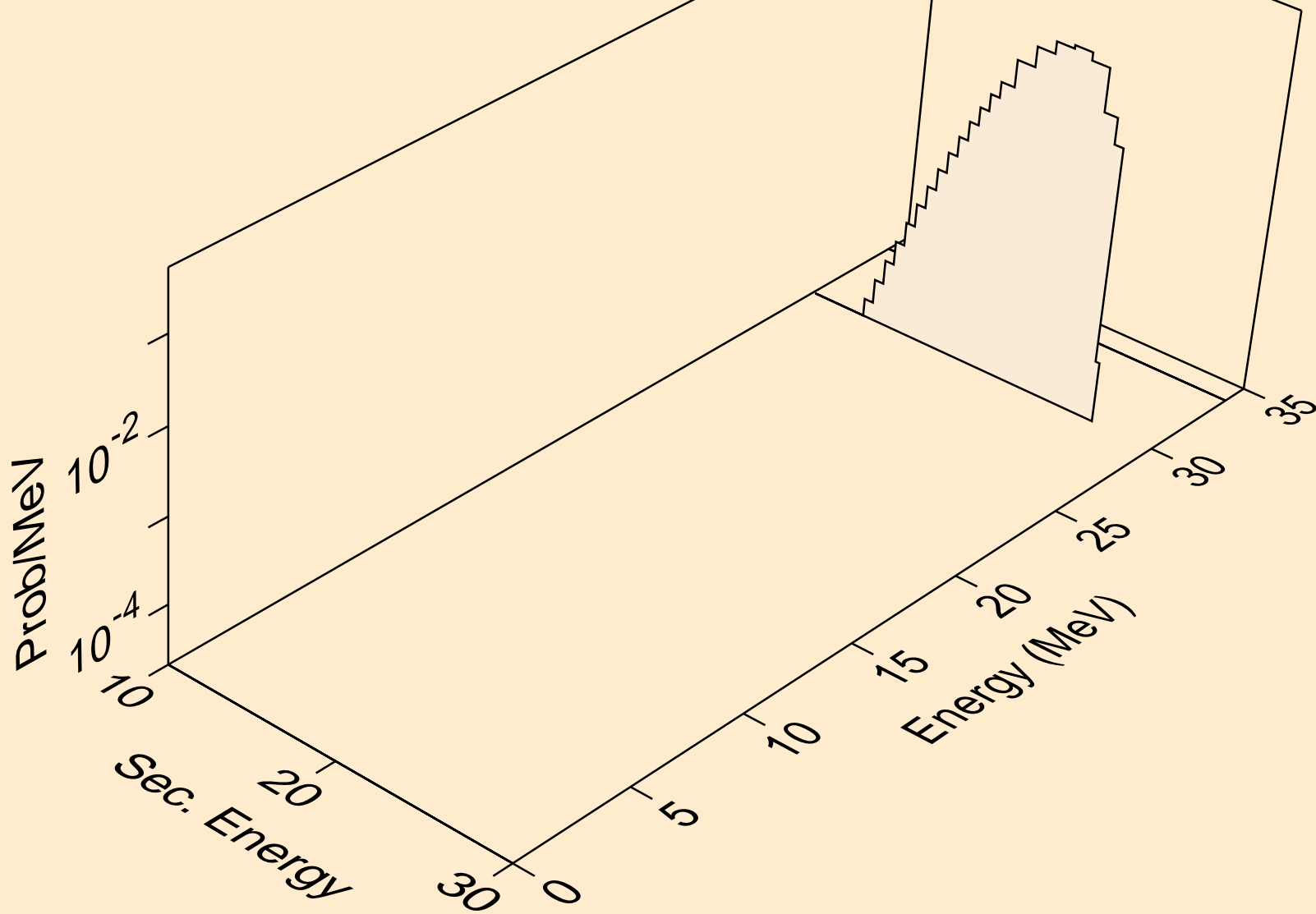
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tritons from (n,t)



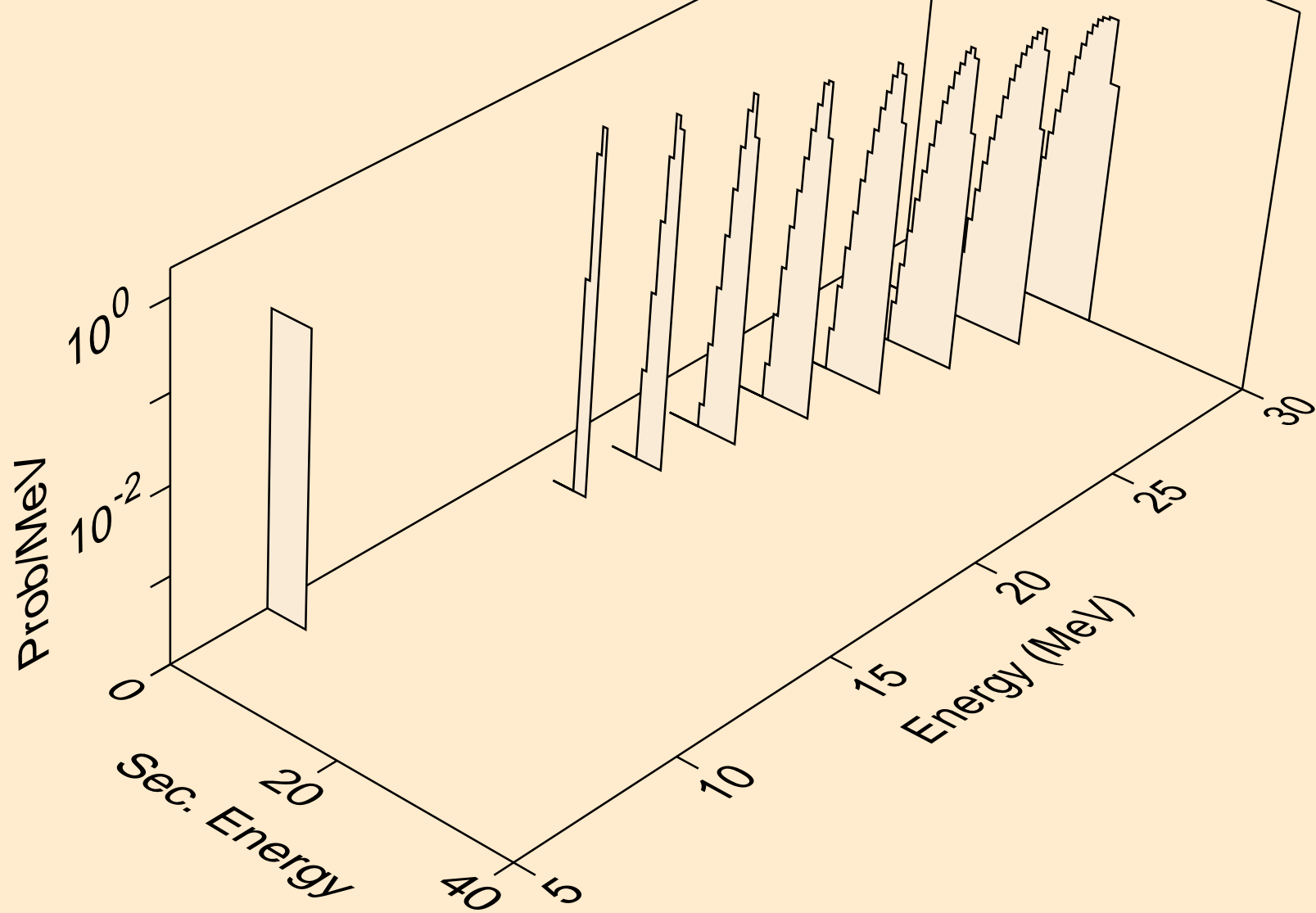
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



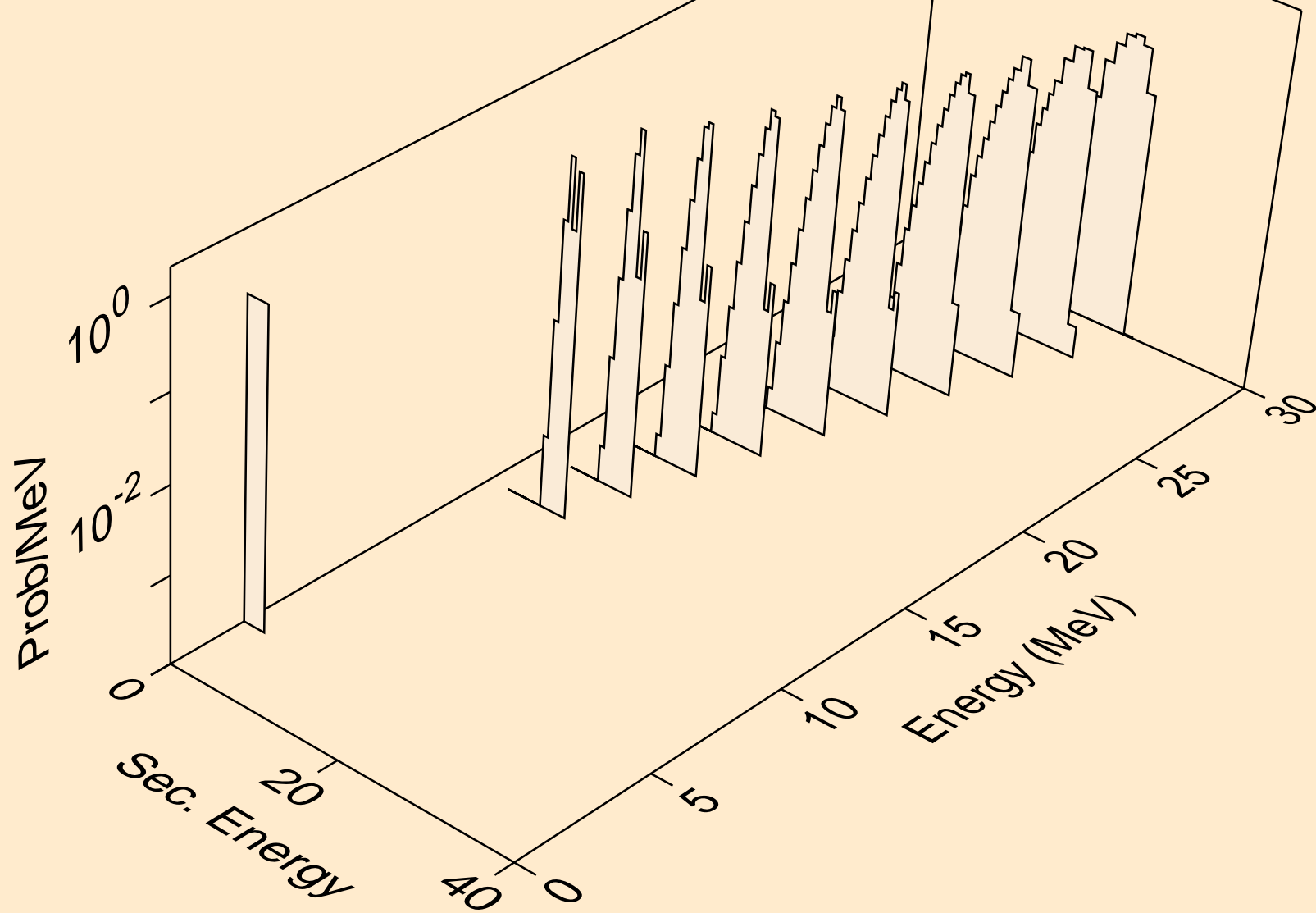
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,x)



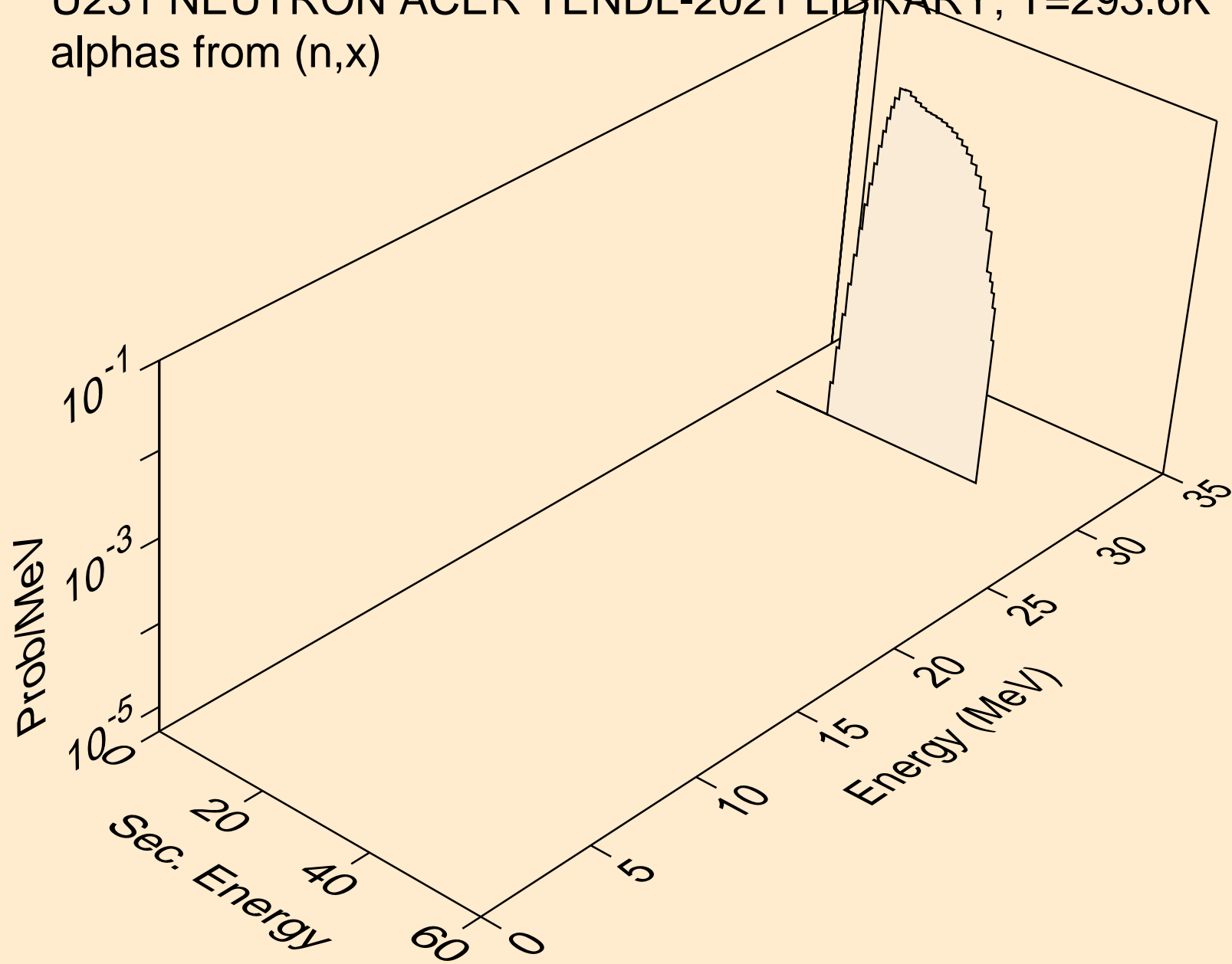
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
he3s from (n,n*)he3



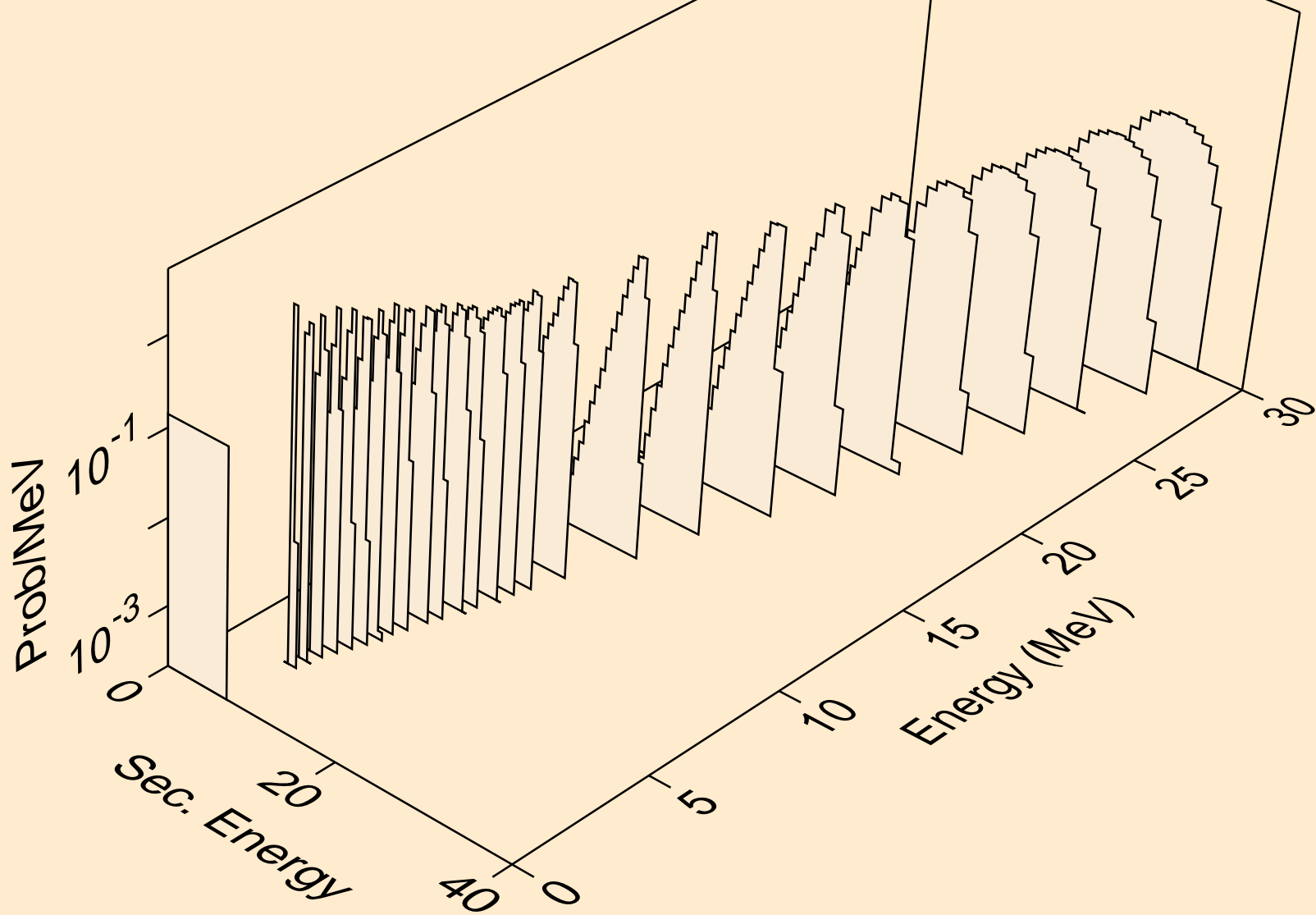
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he3s from (n,he3)



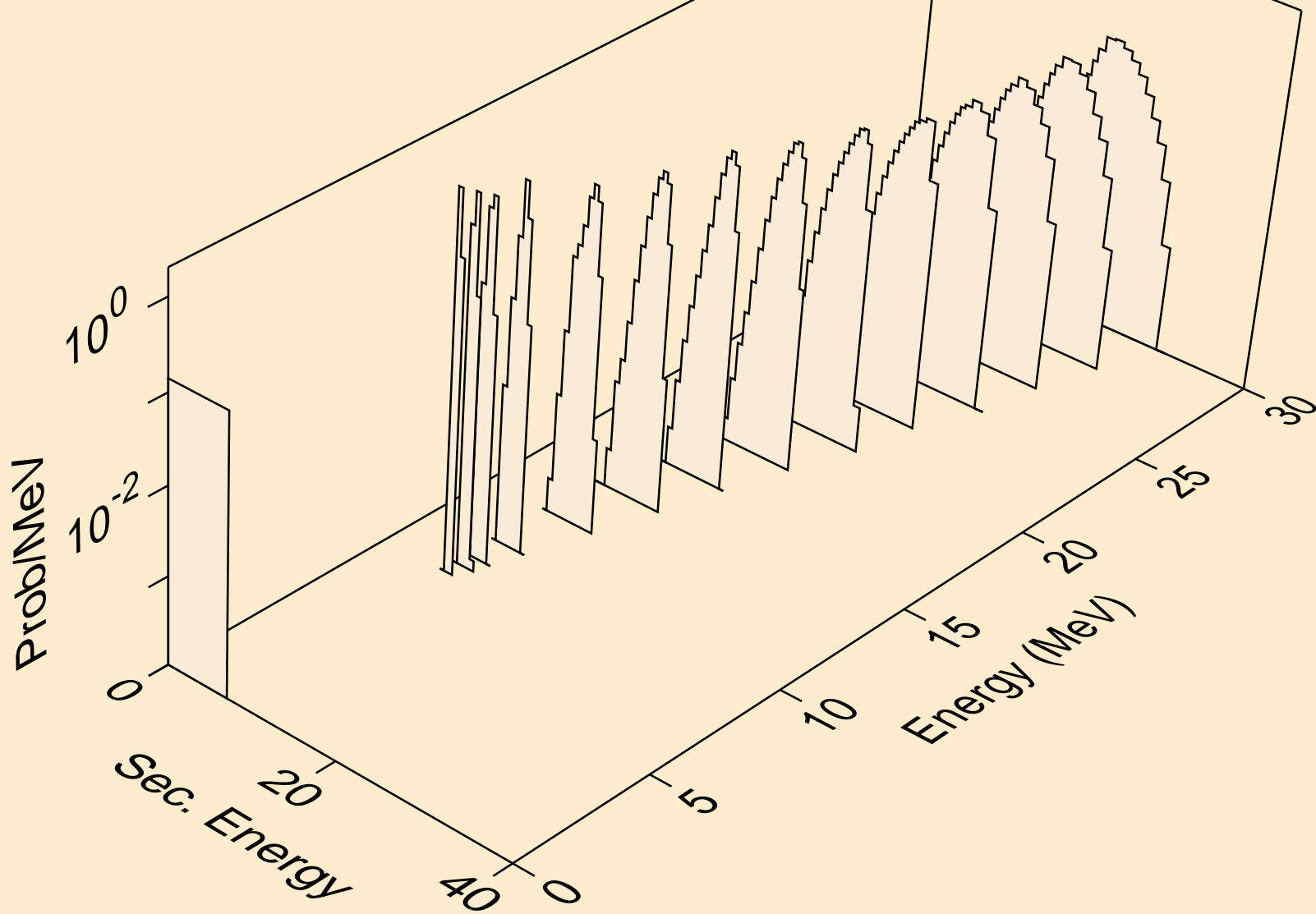
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



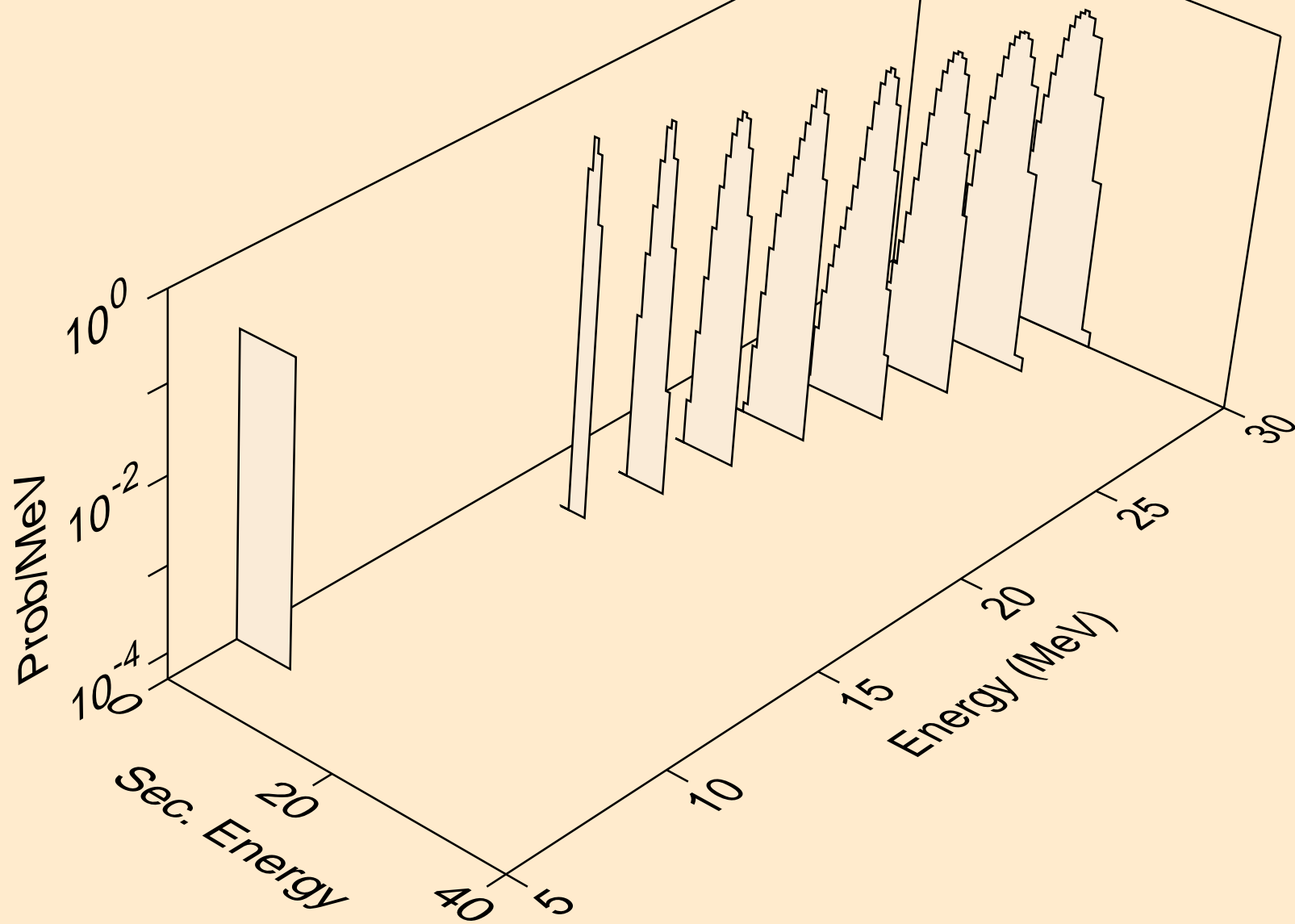
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



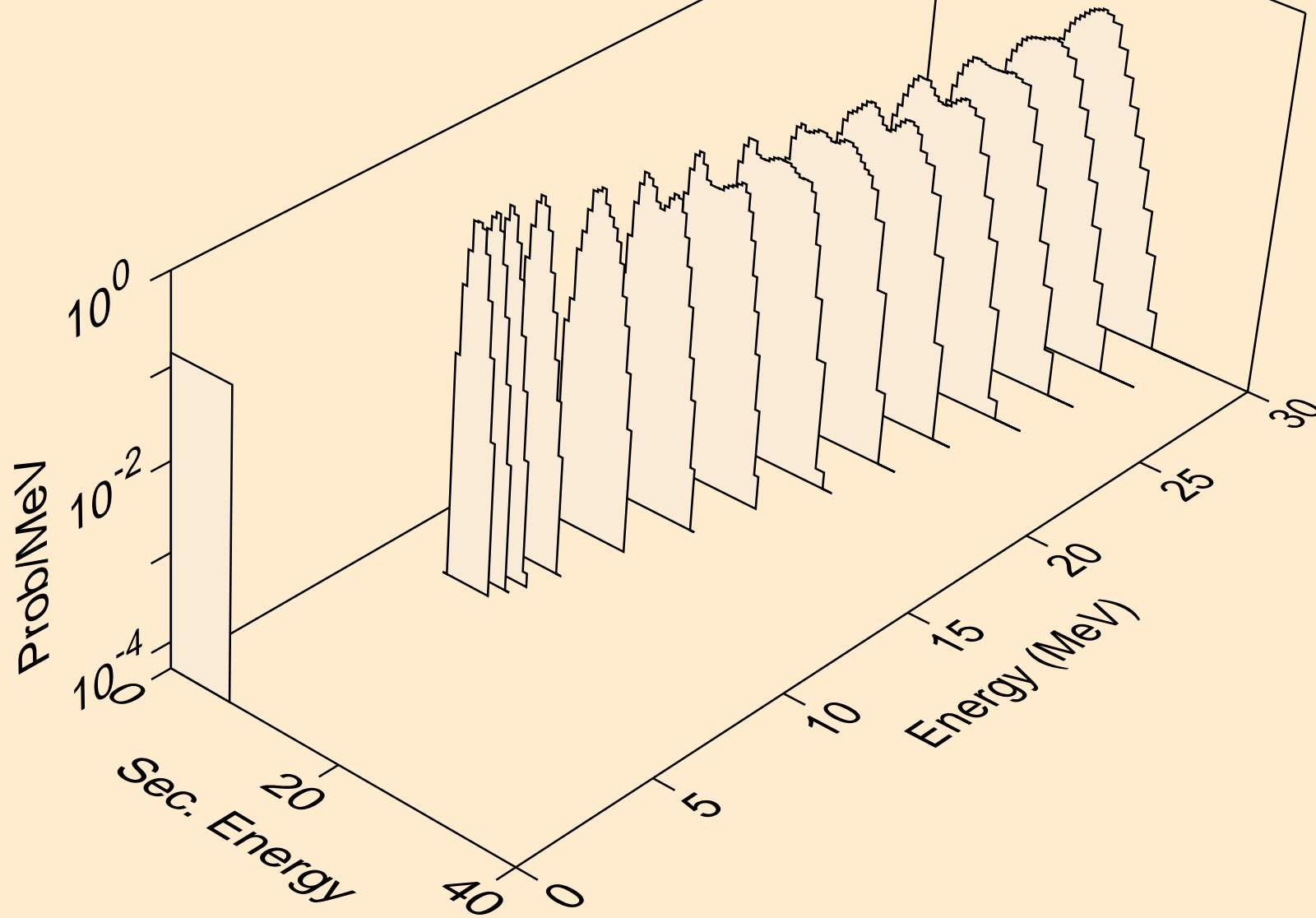
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



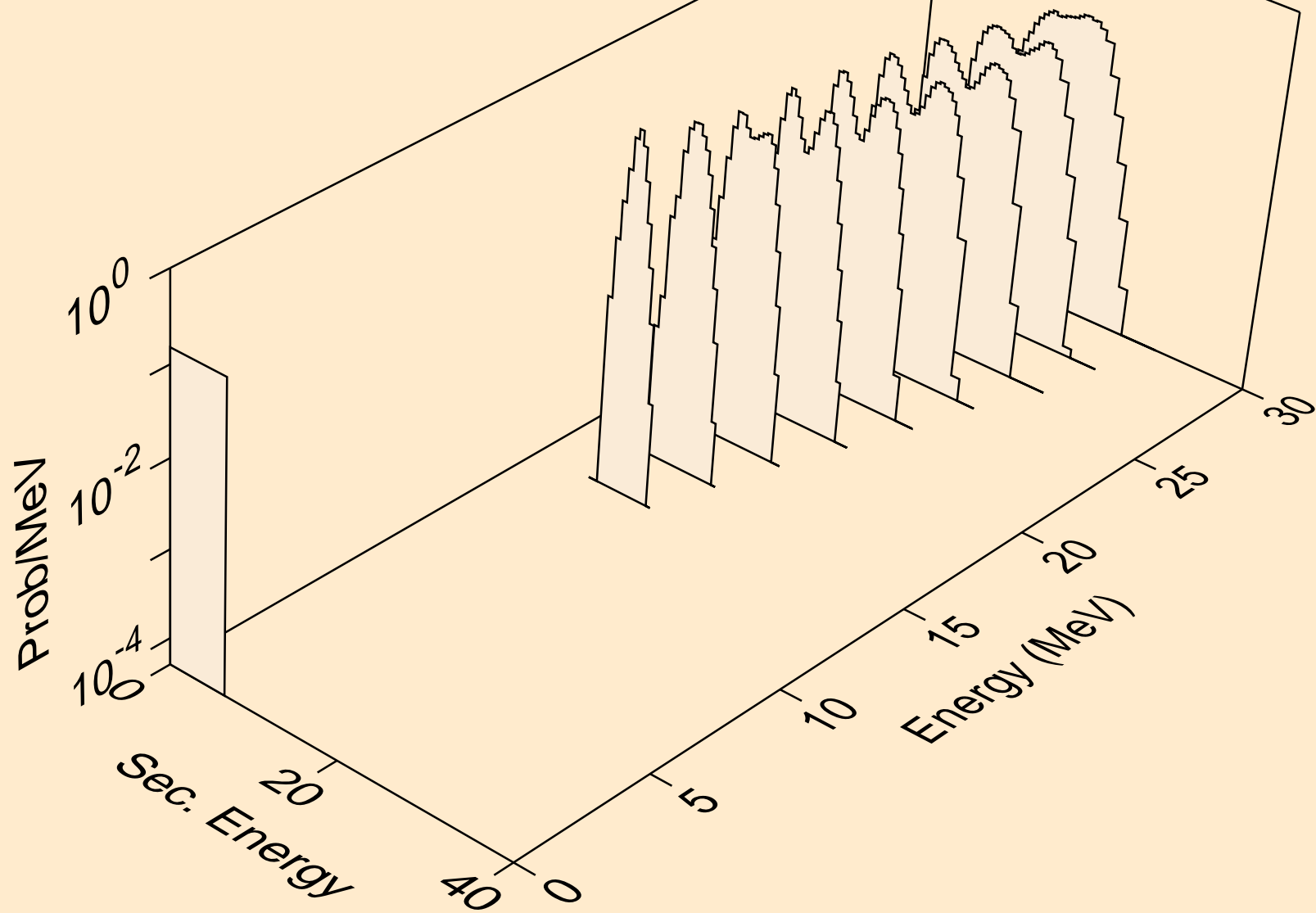
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



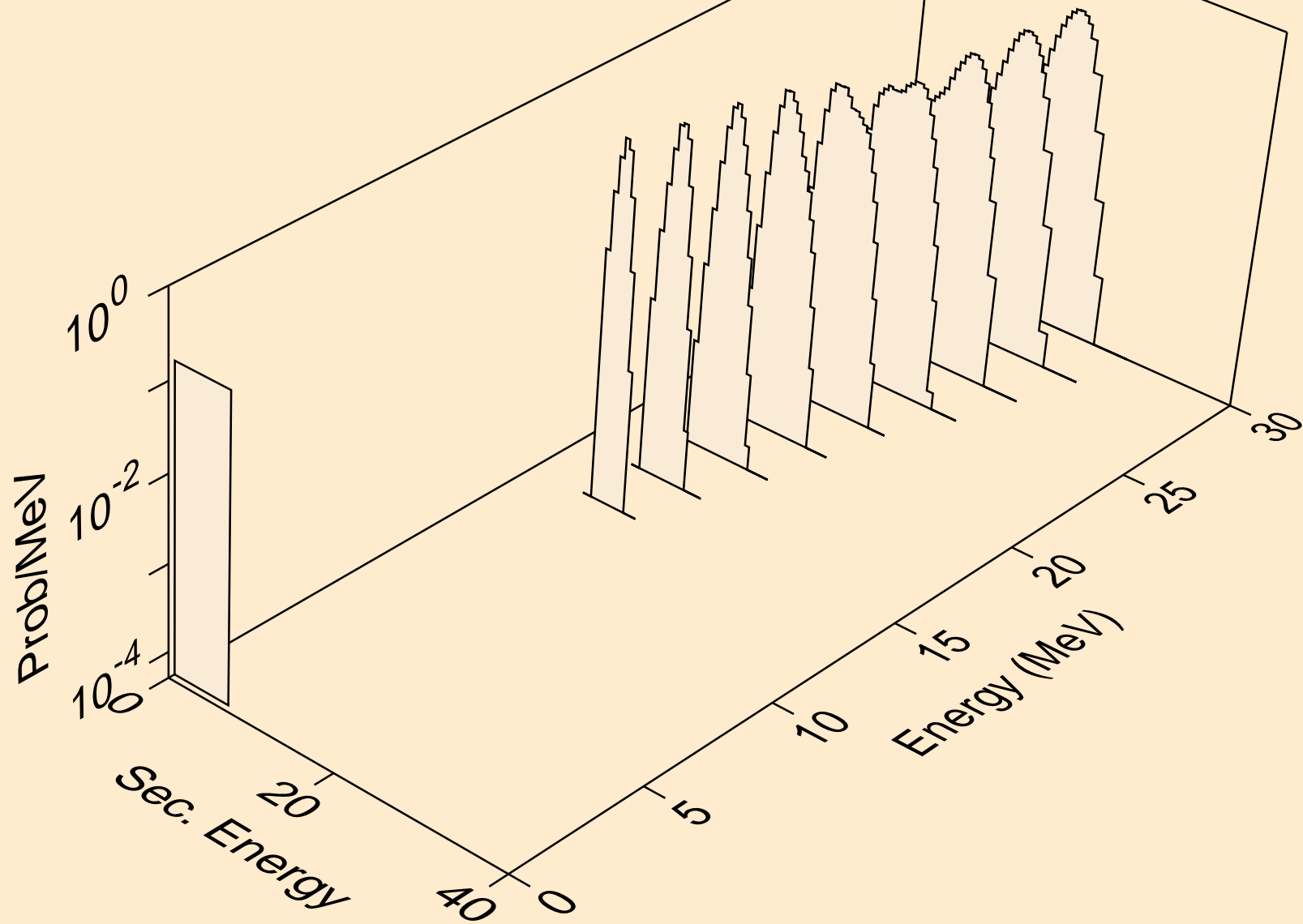
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)2a



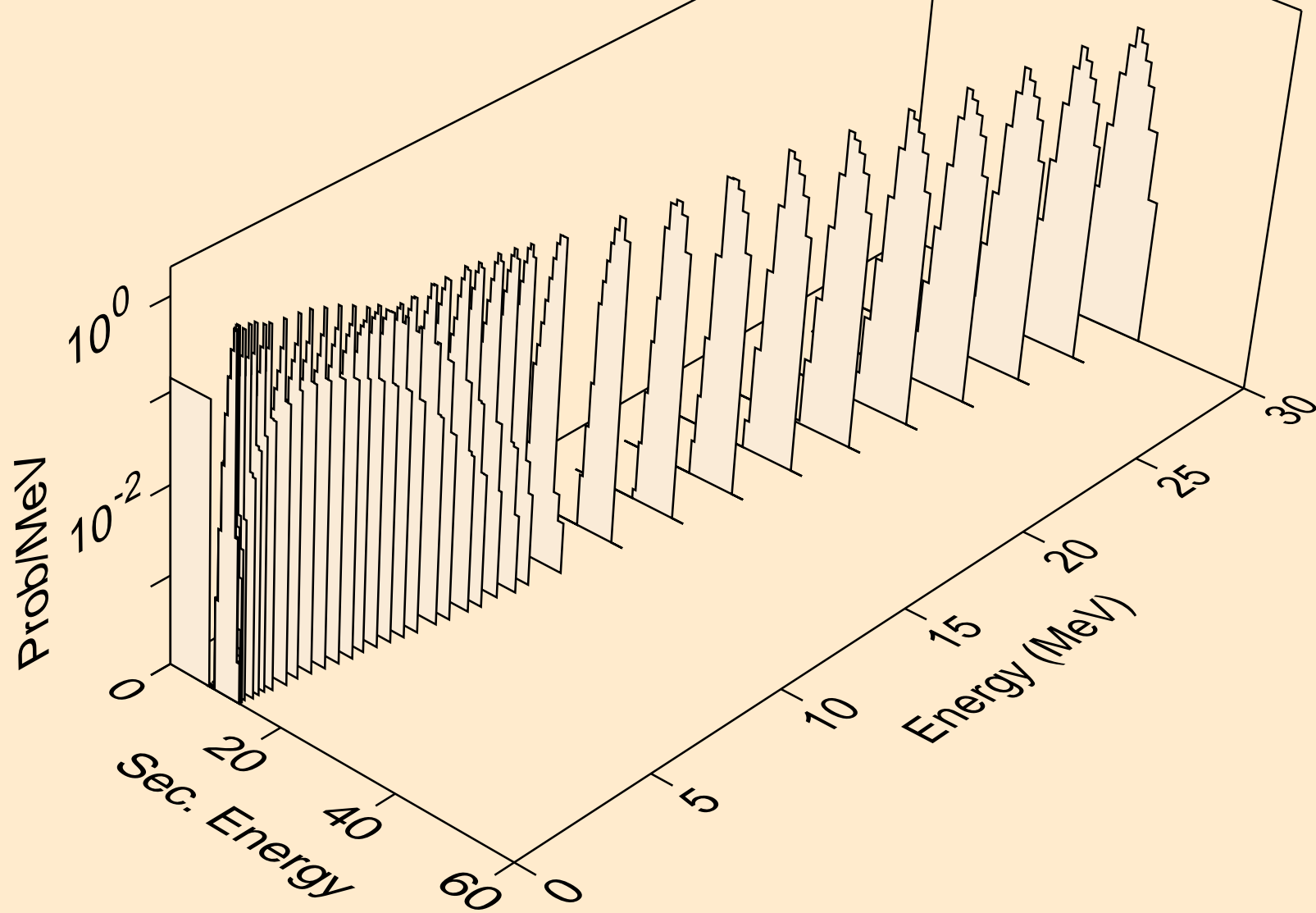
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)2a



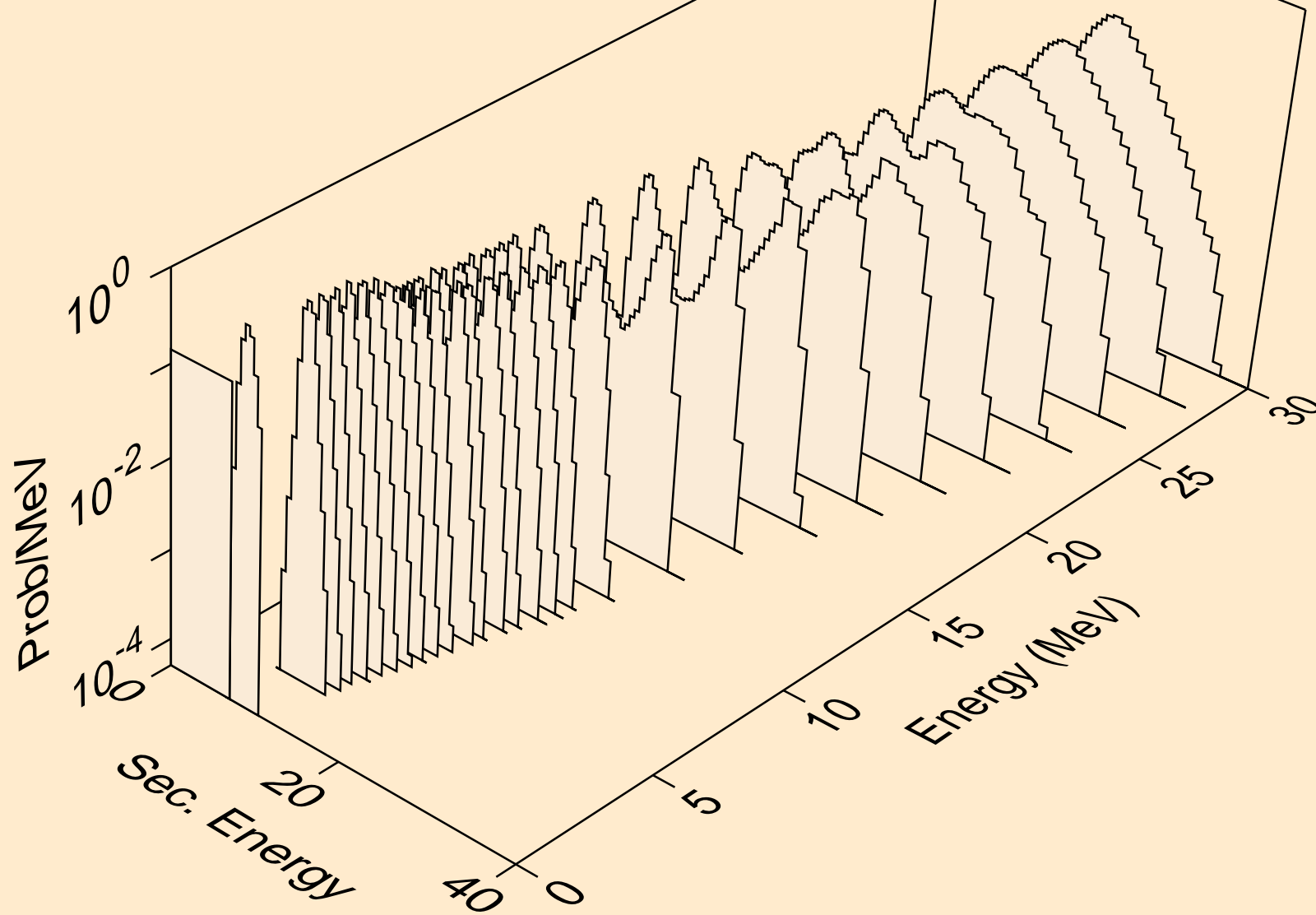
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



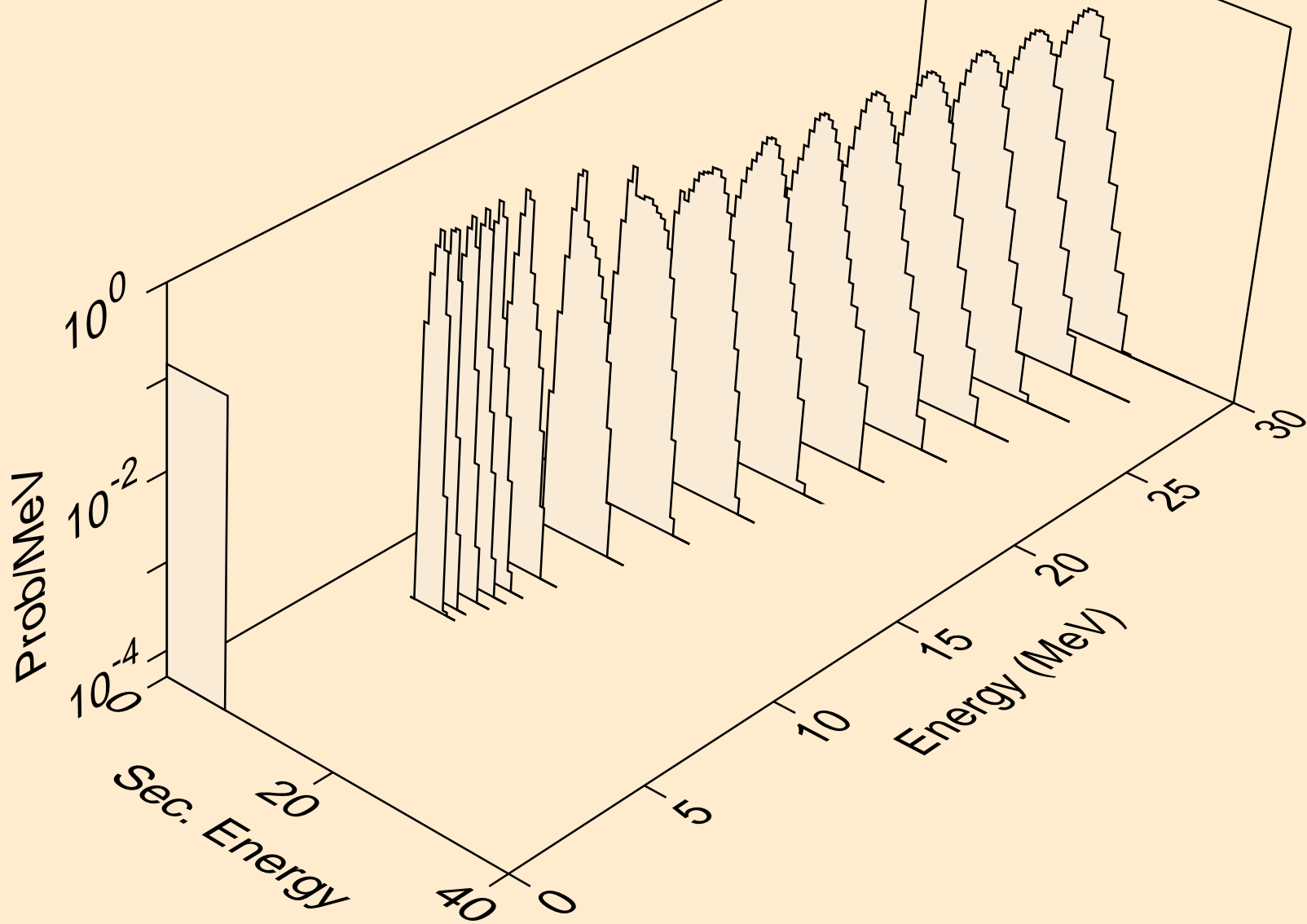
U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)



U231 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,da)

