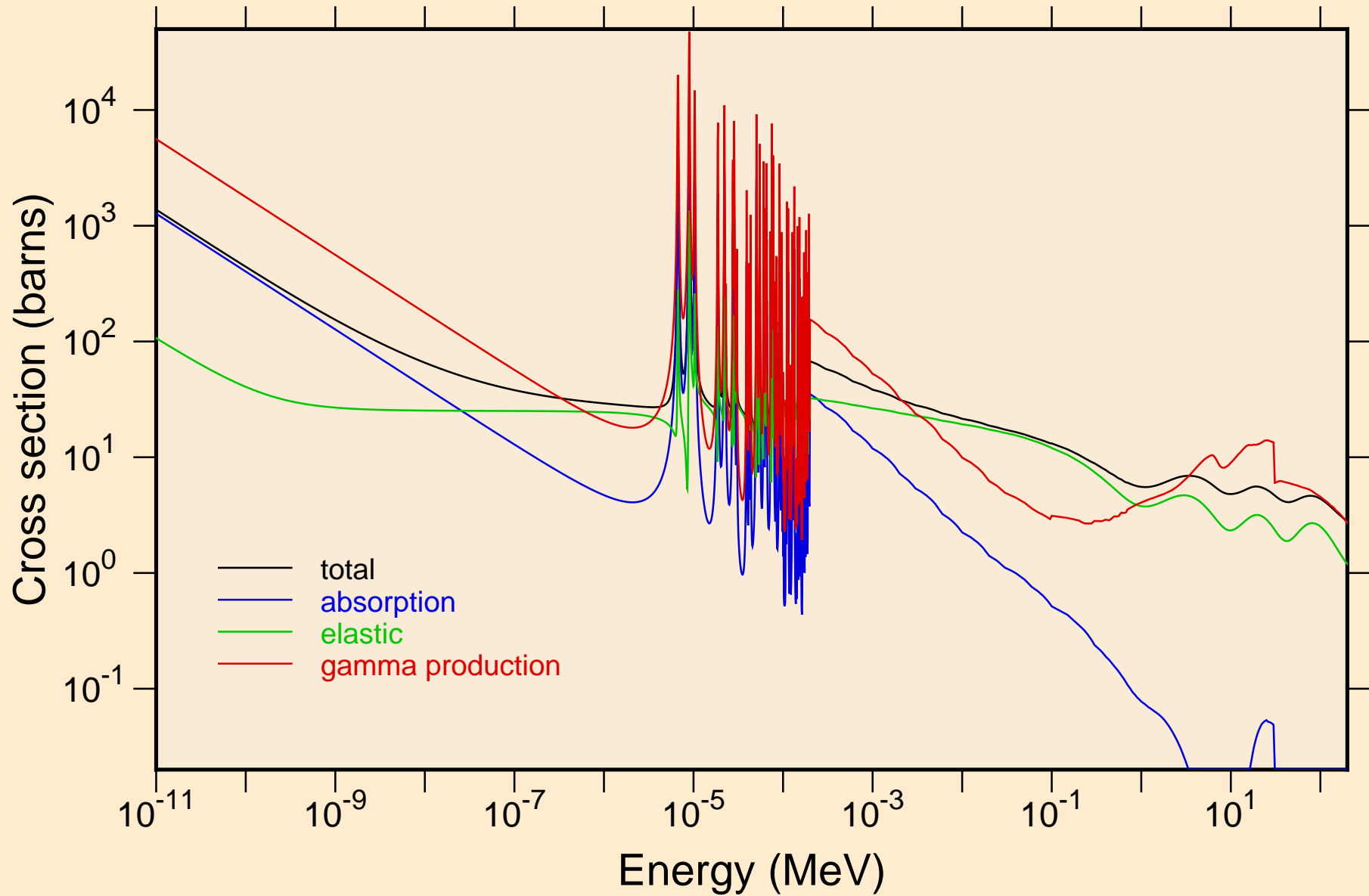
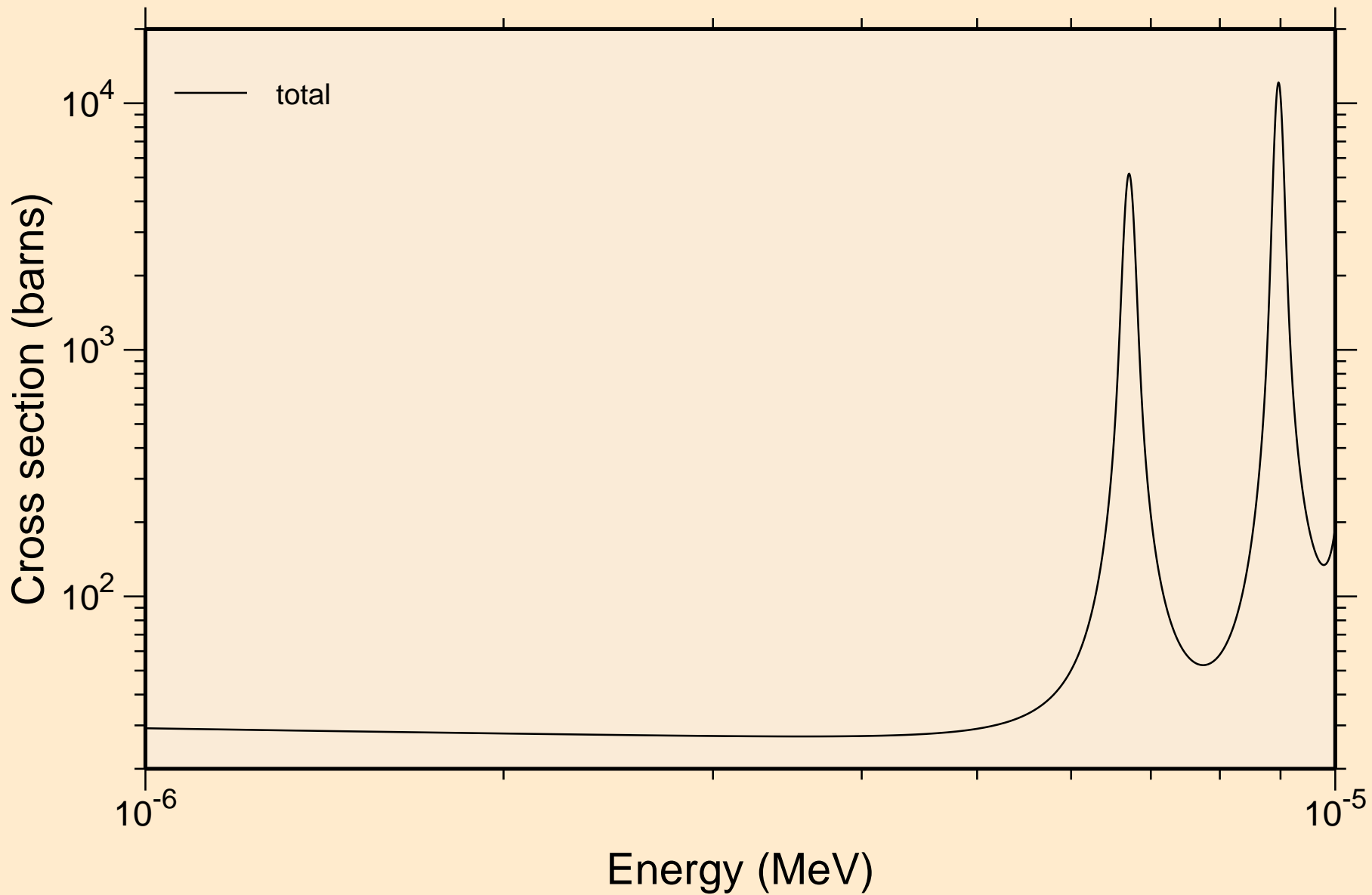


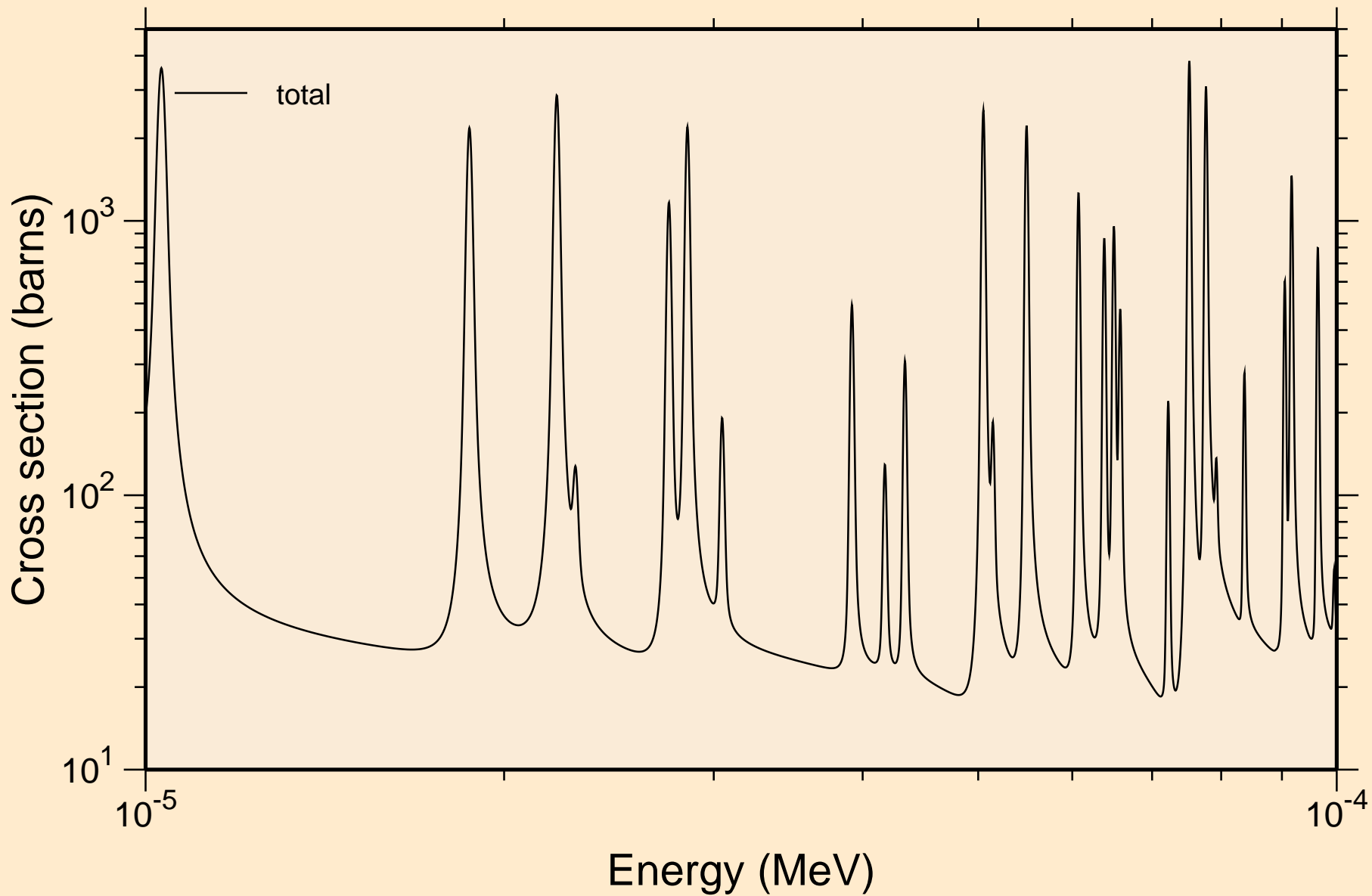
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



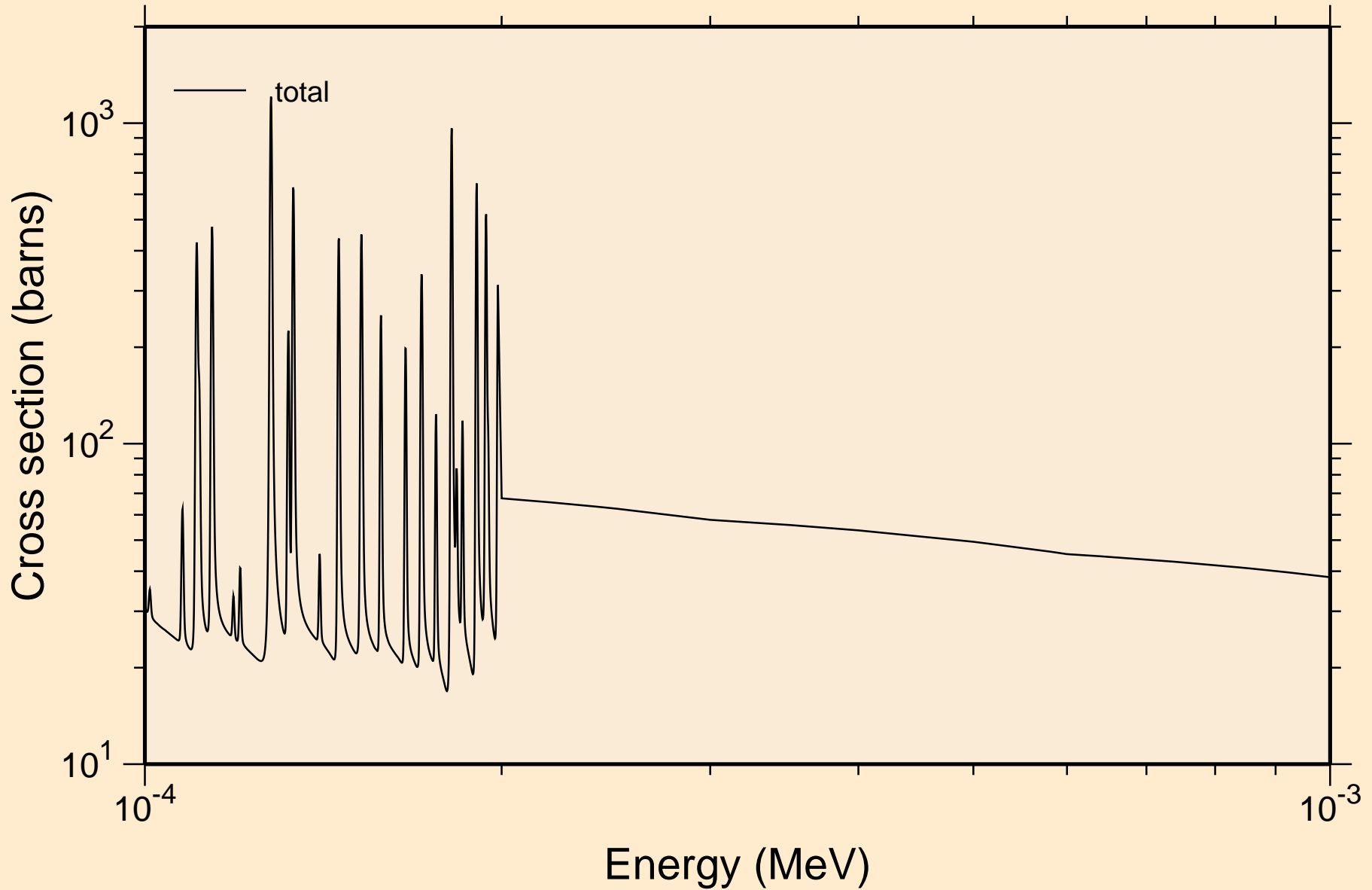
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



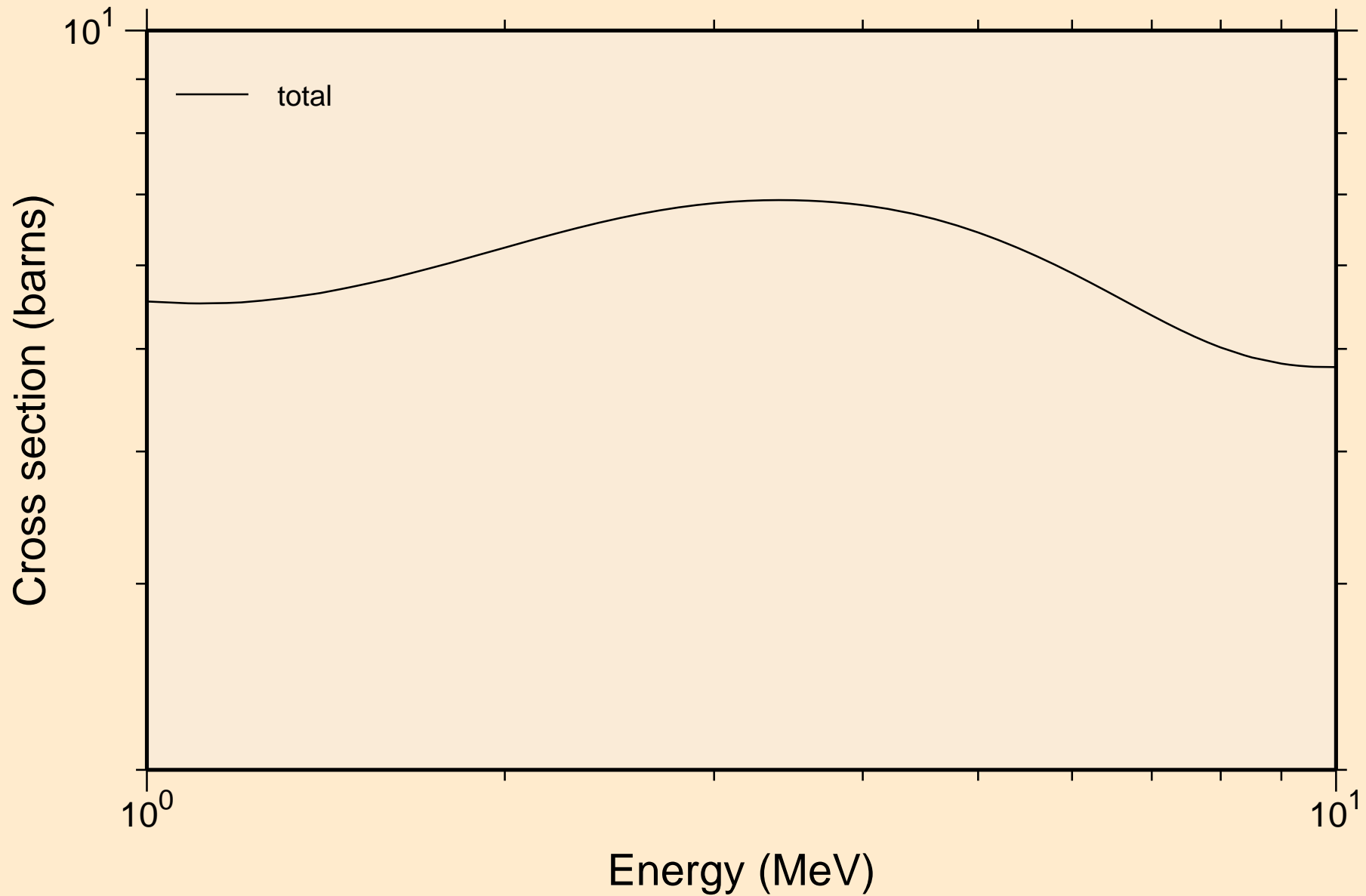
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



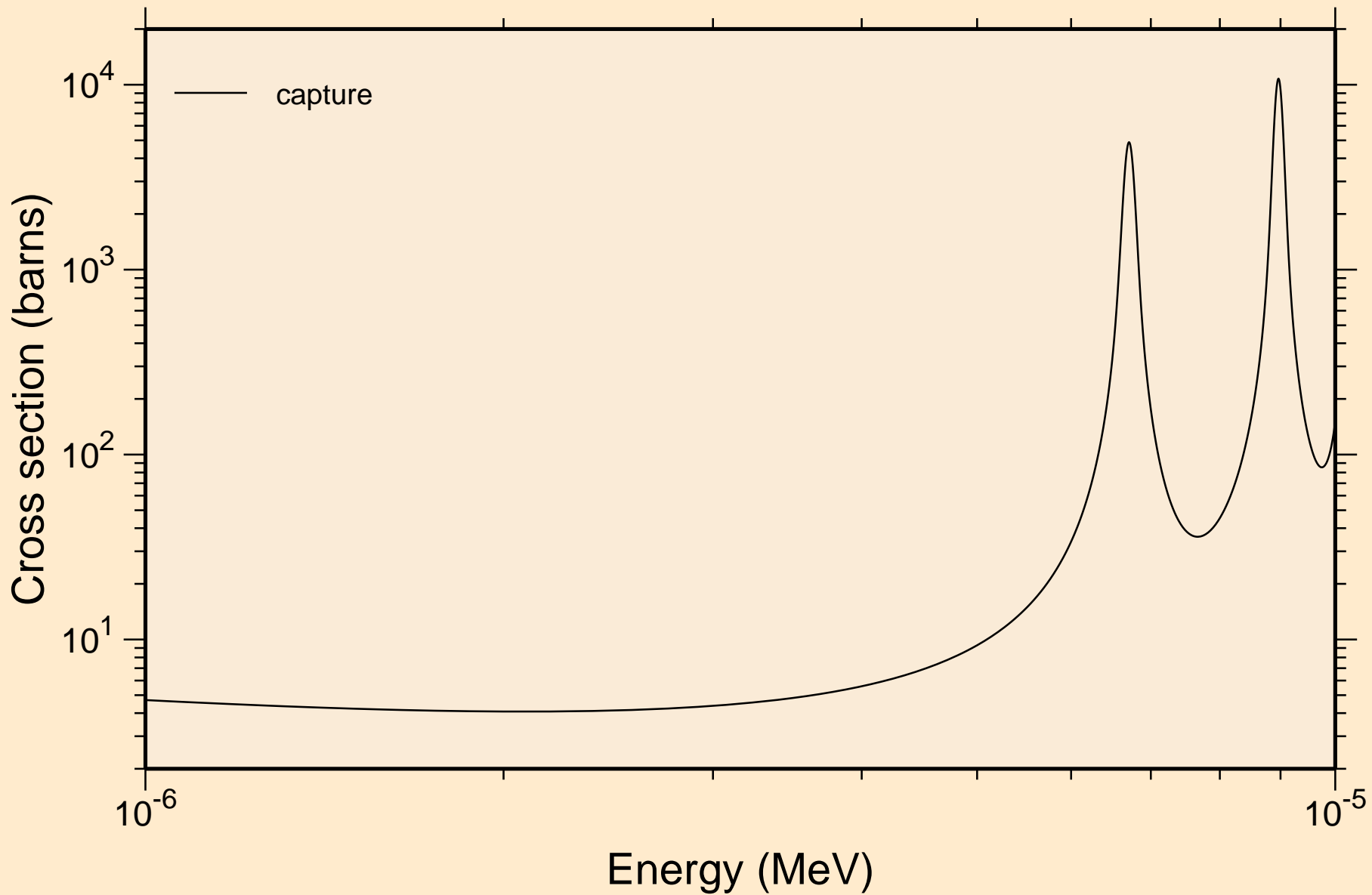
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



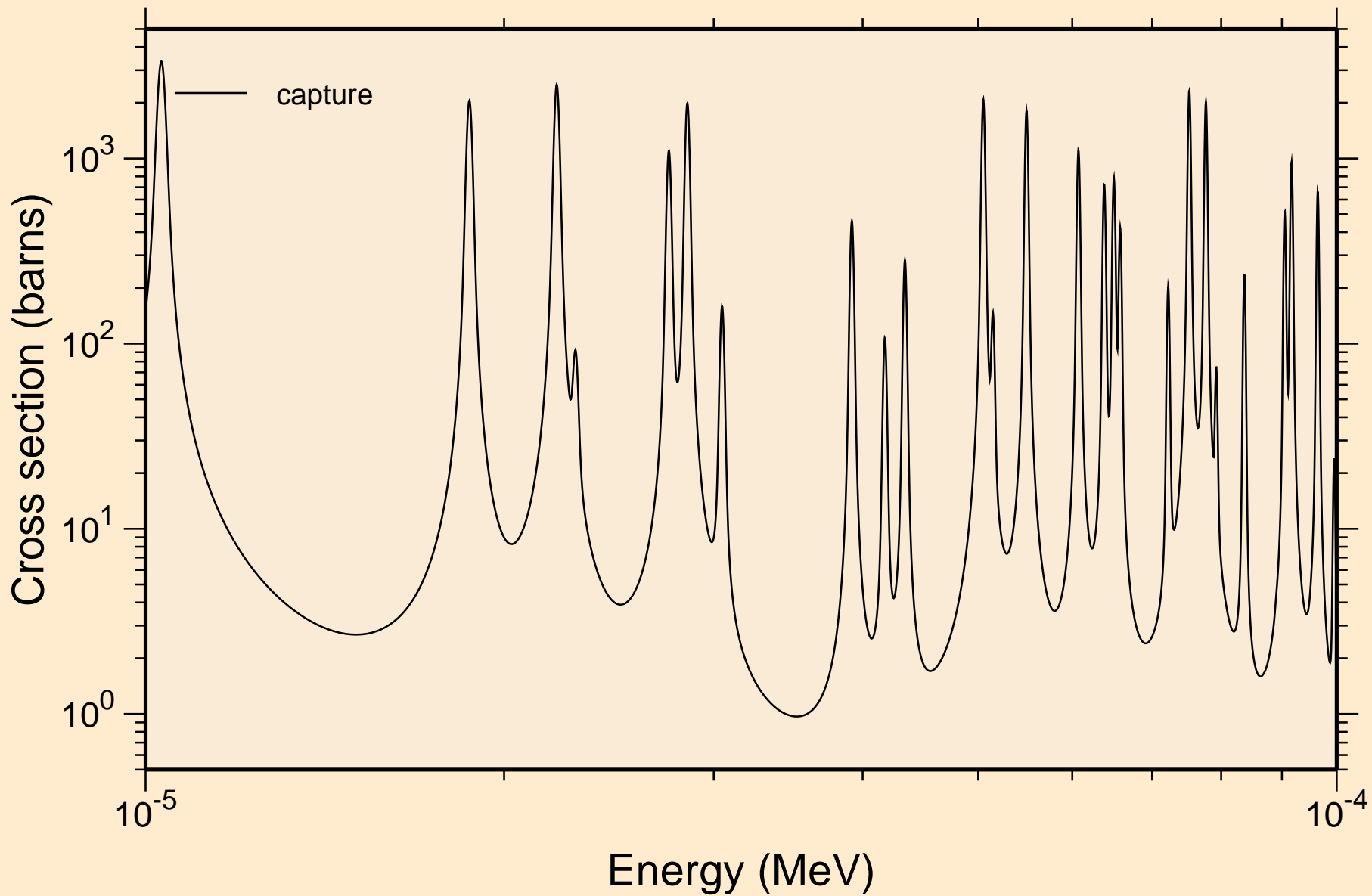
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



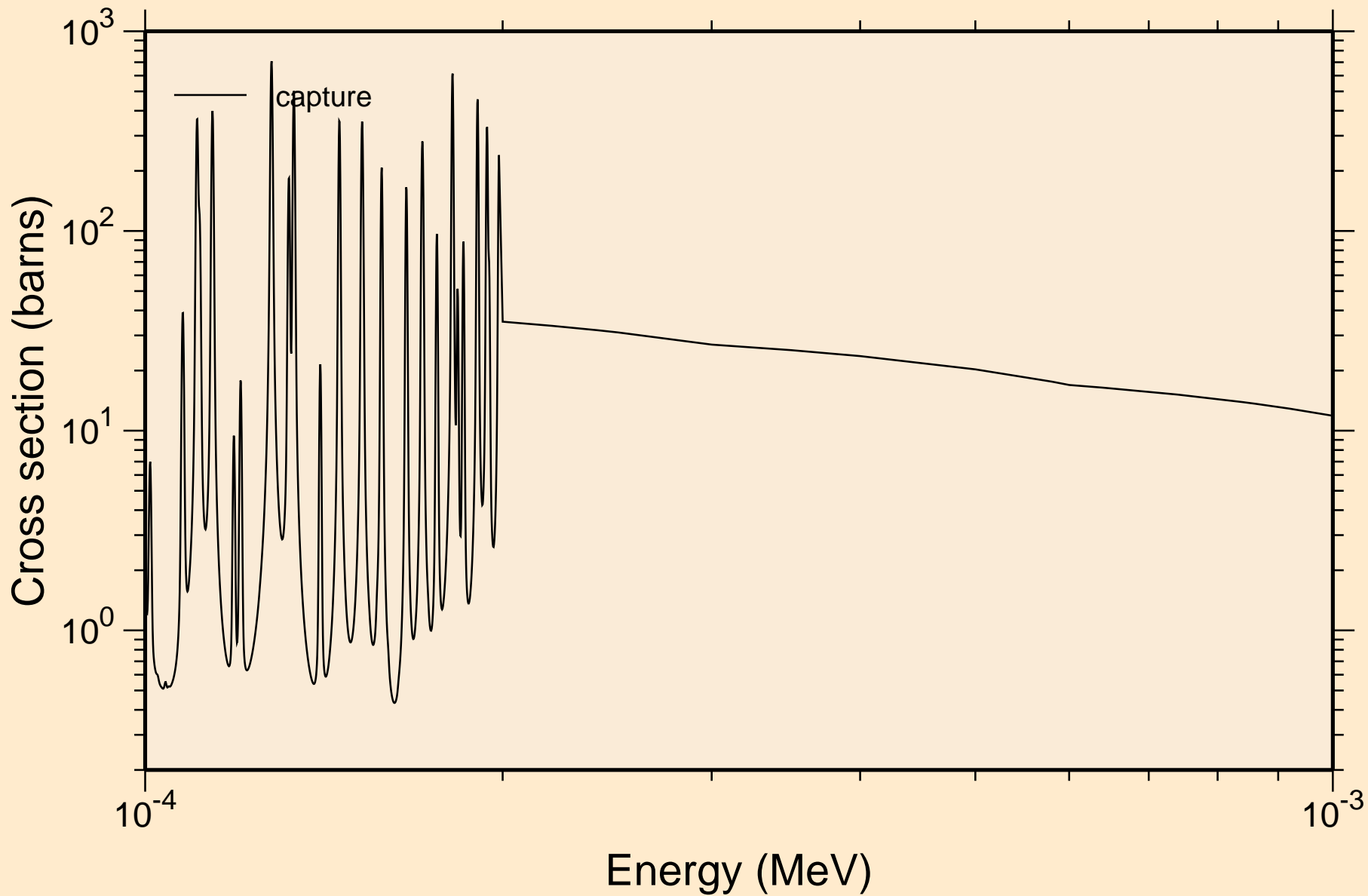
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



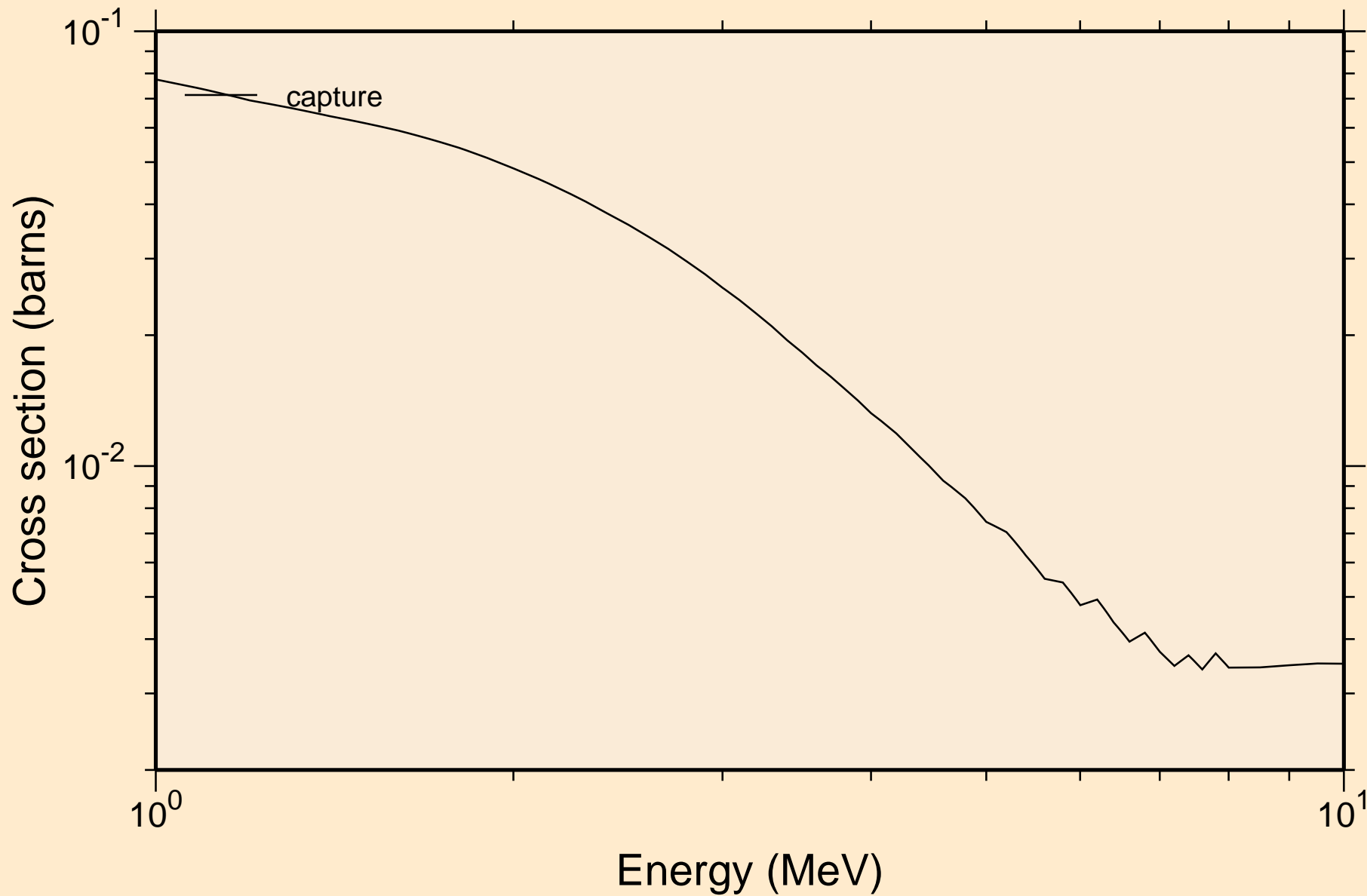
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



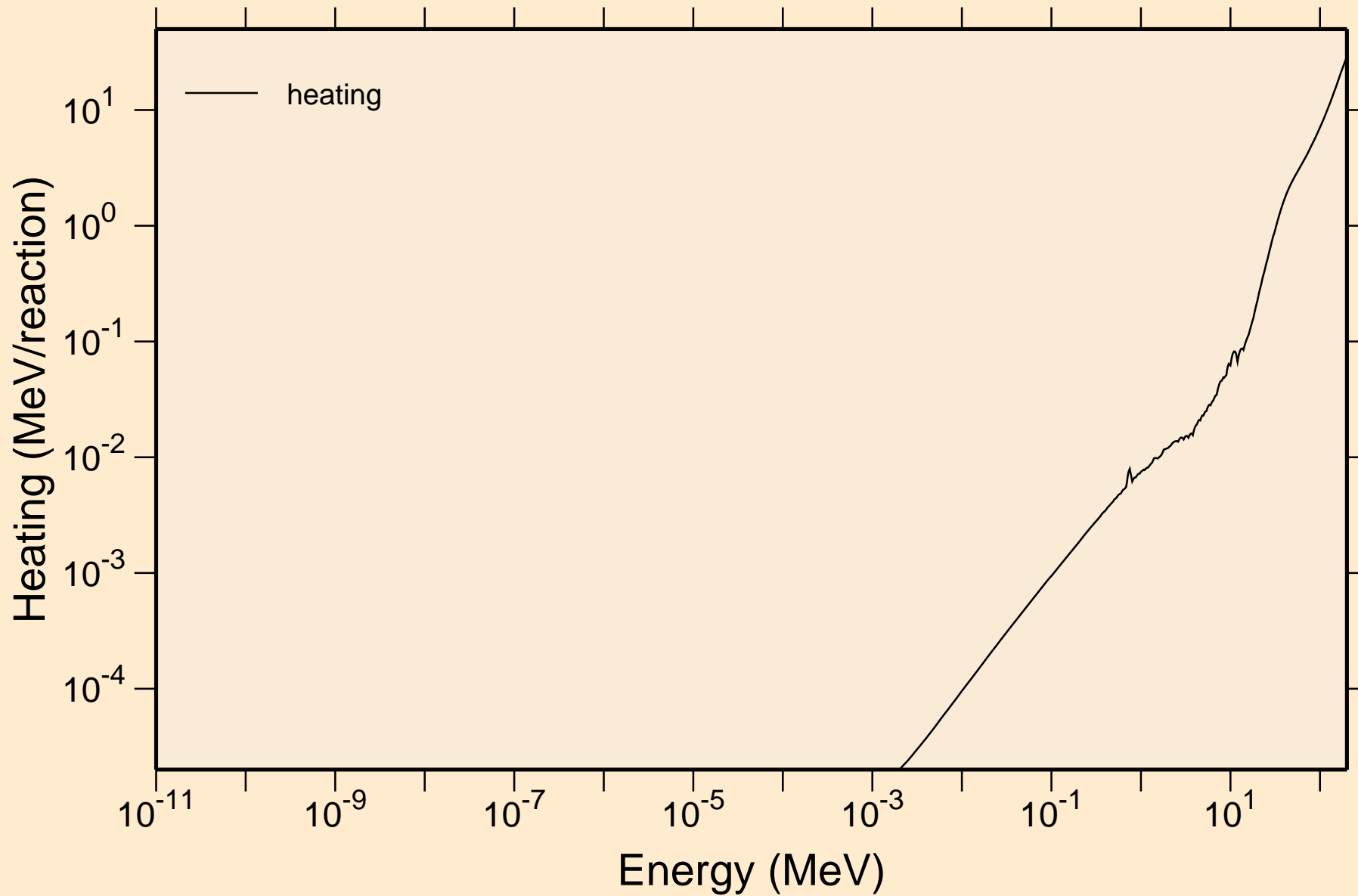
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

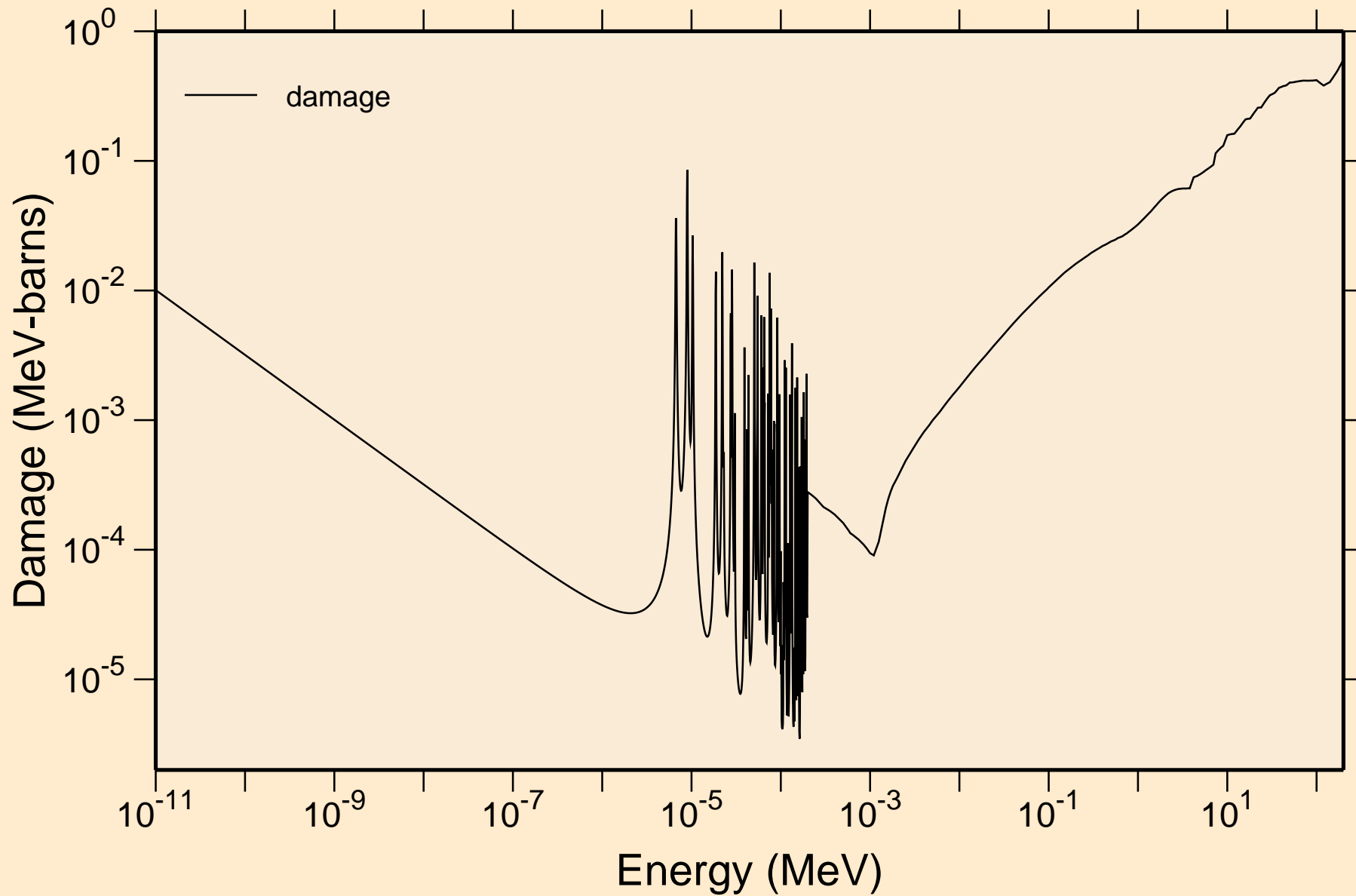


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

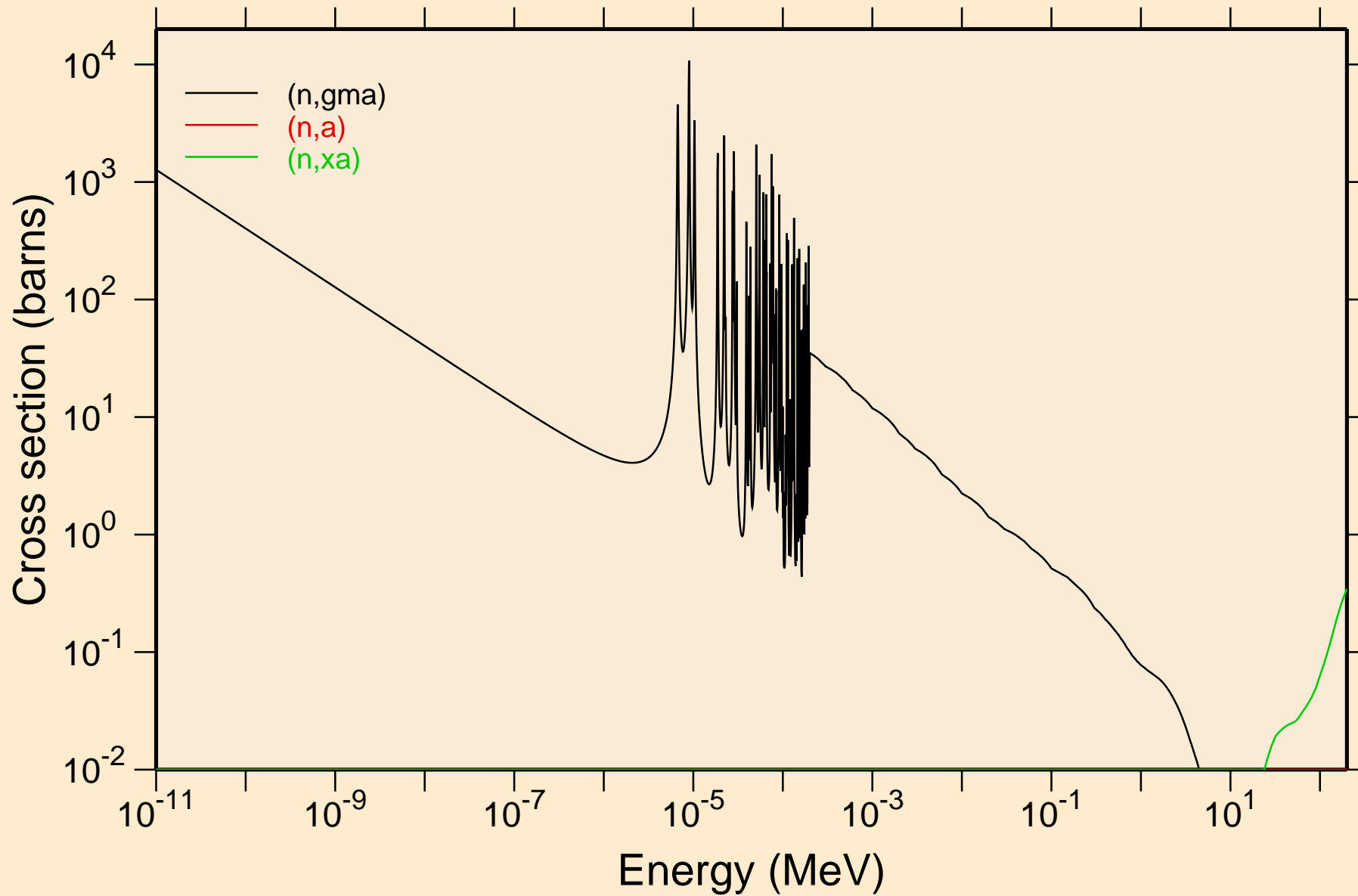


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

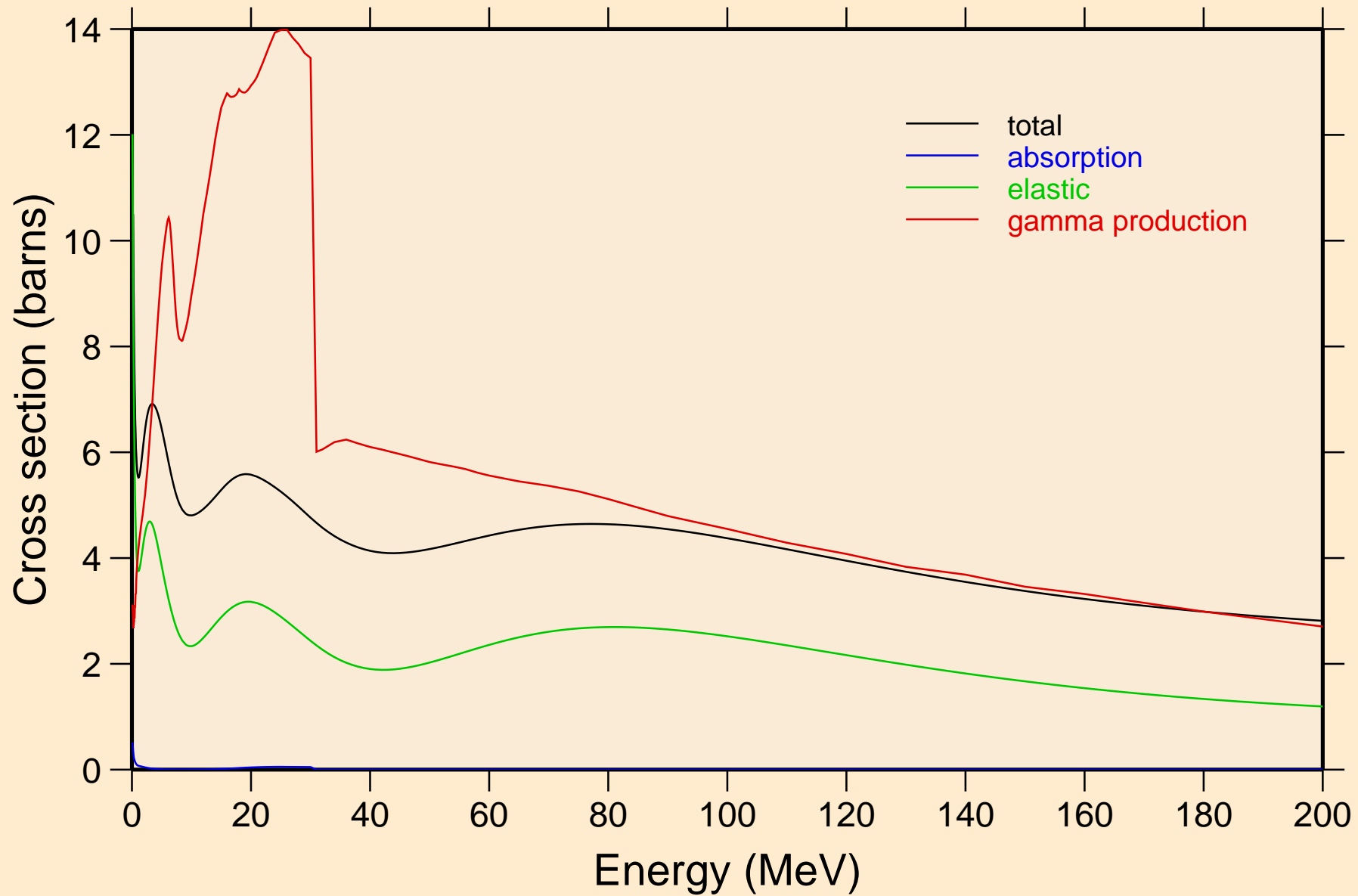


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

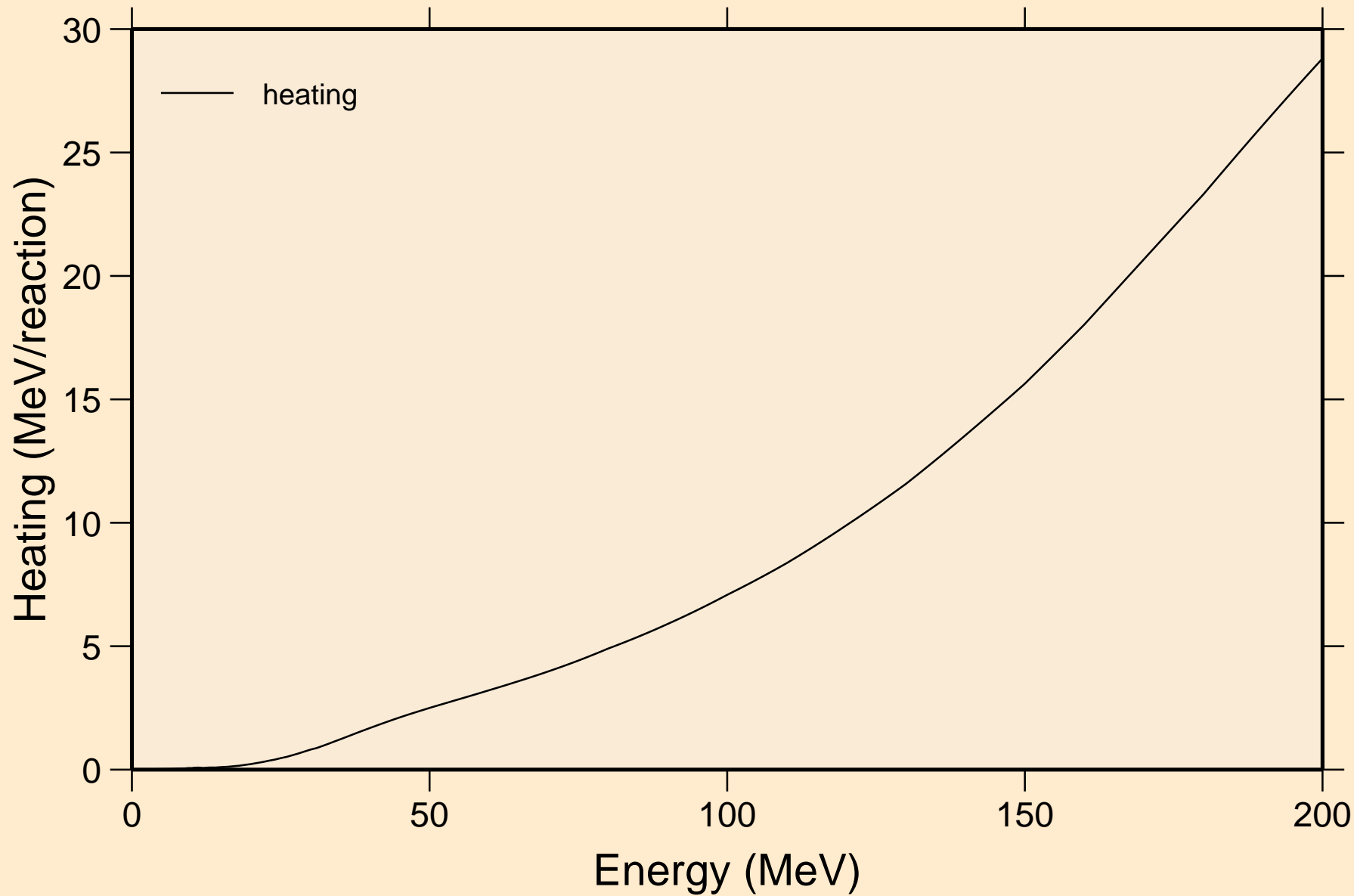


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

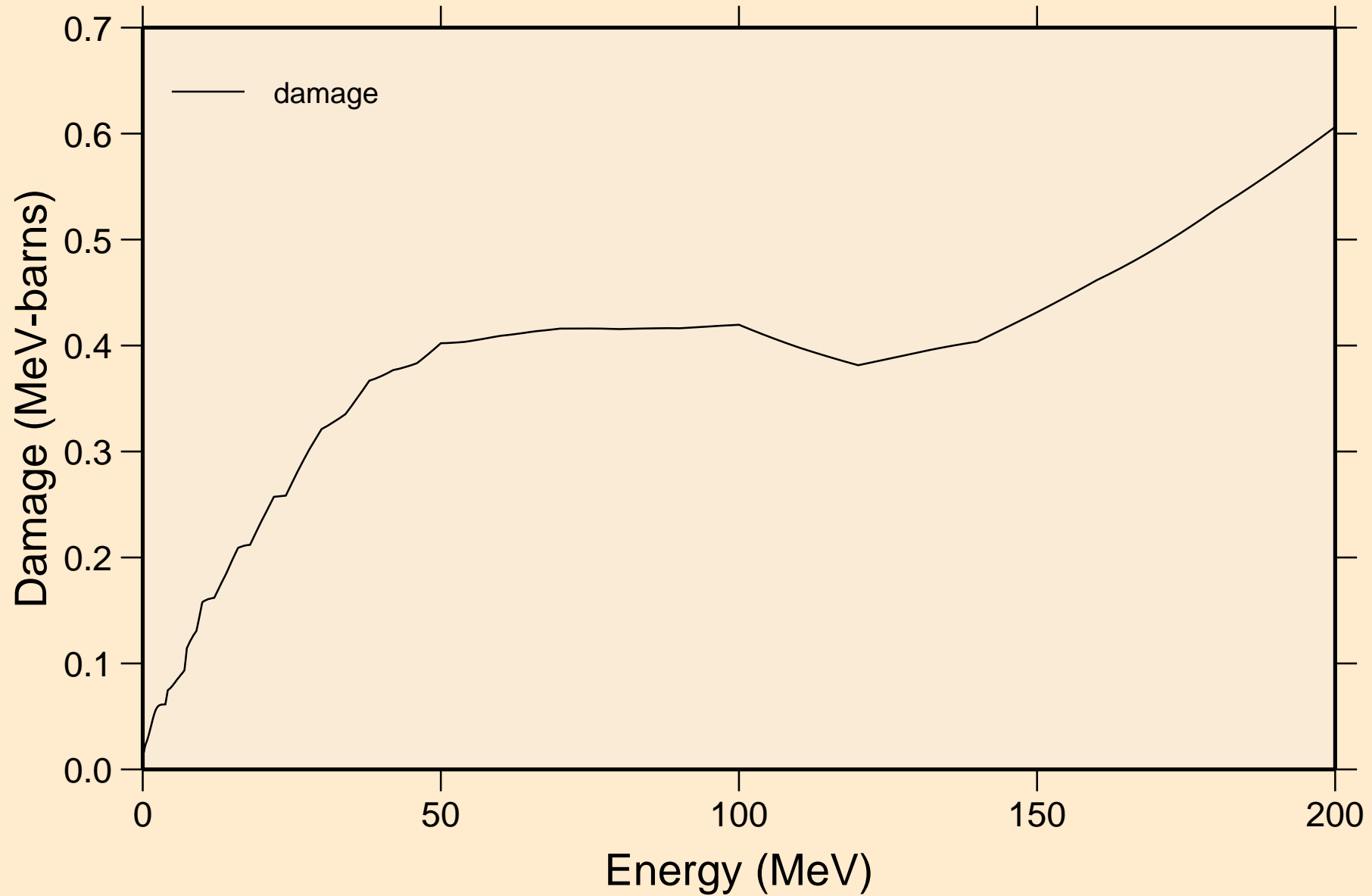
Principal cross sections



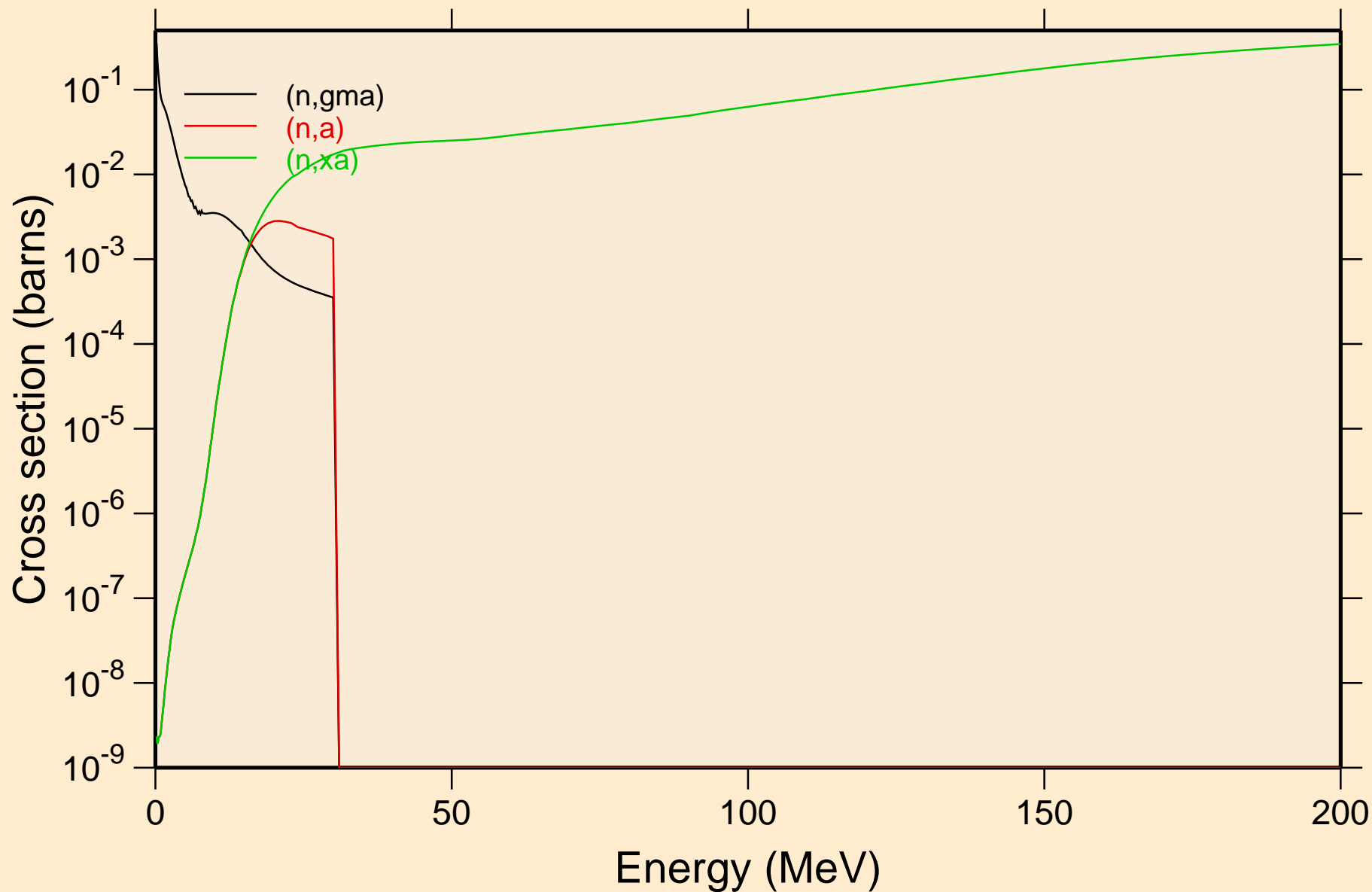
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating



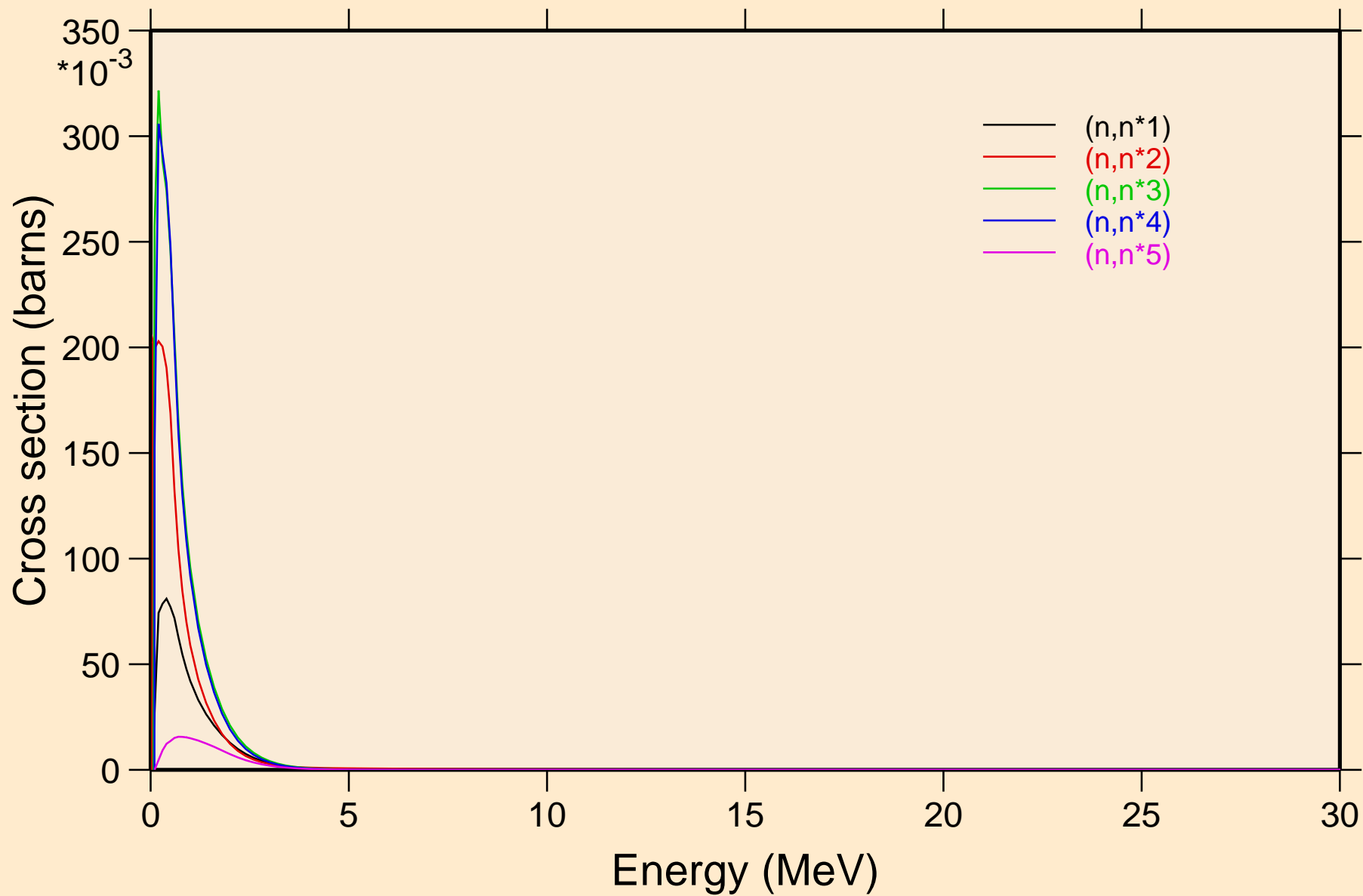
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



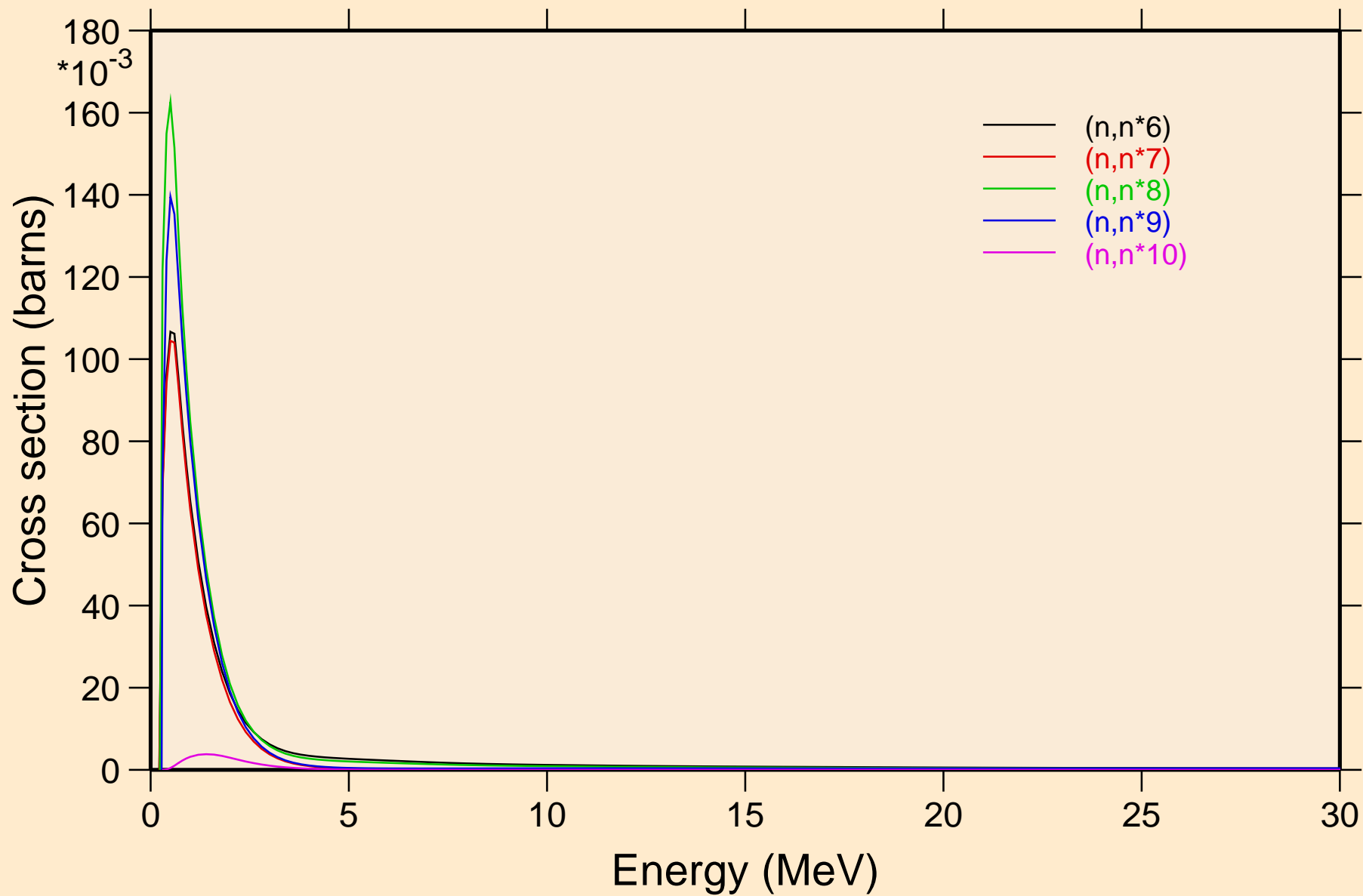
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



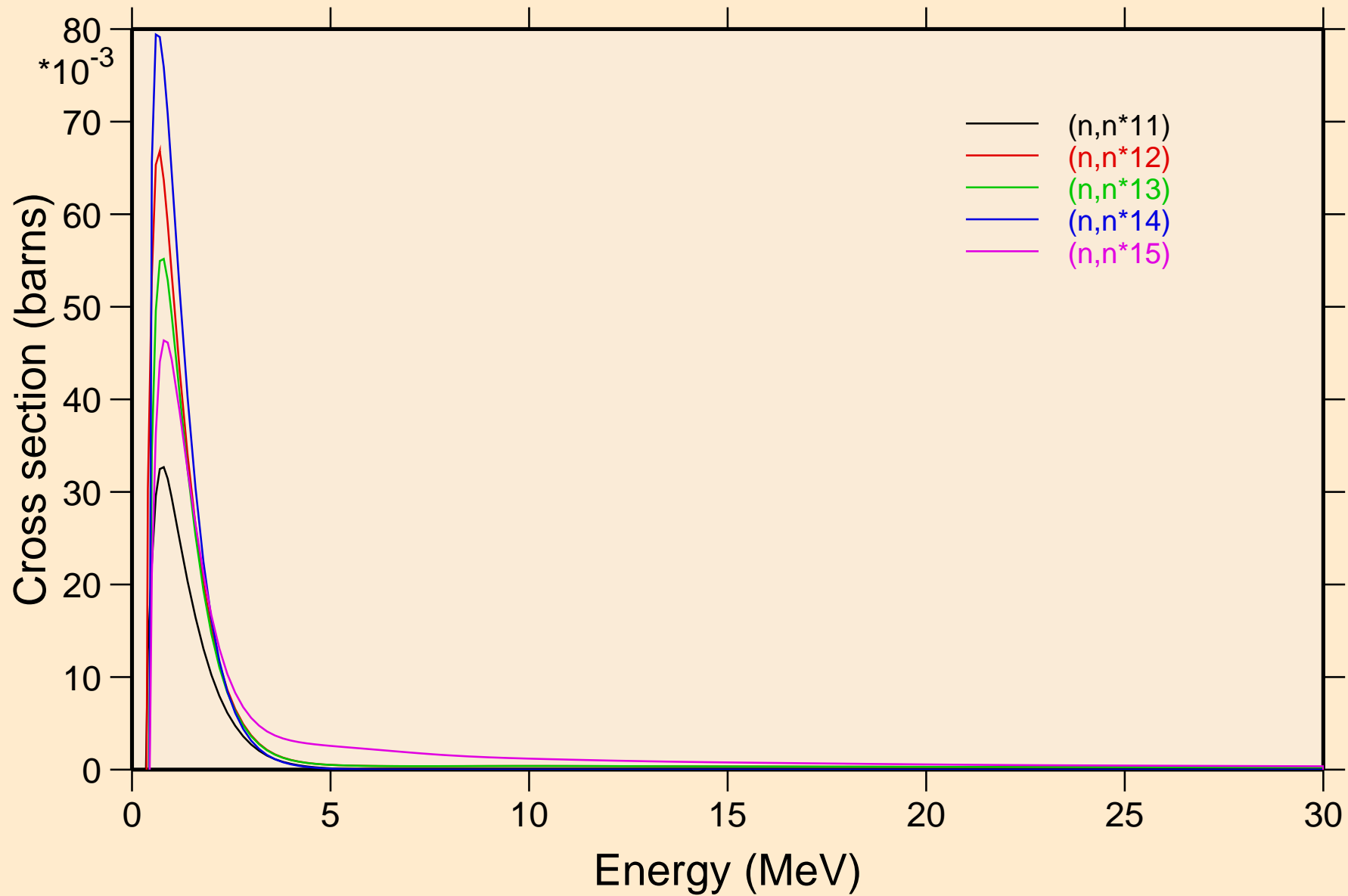
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



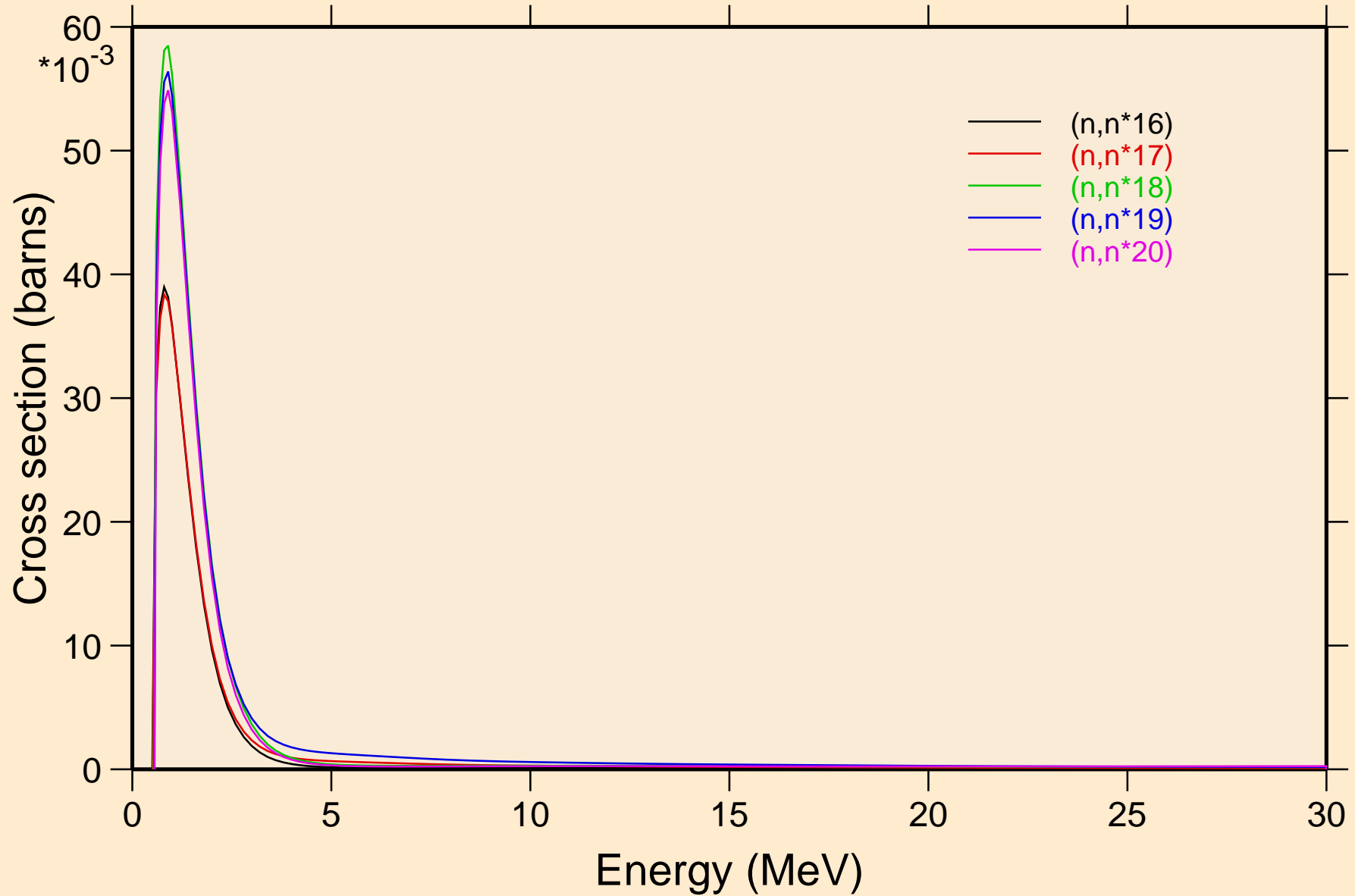
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



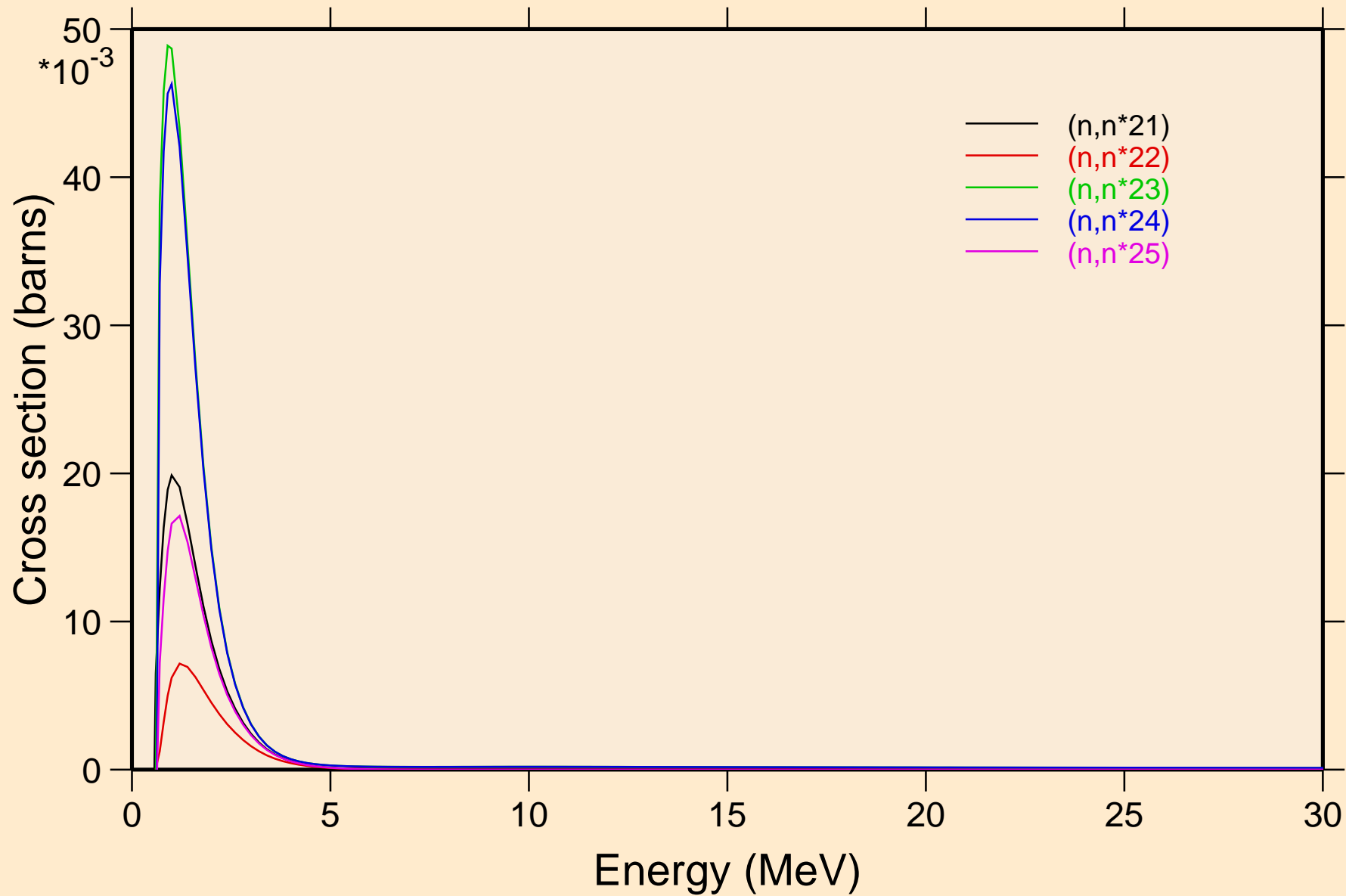
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



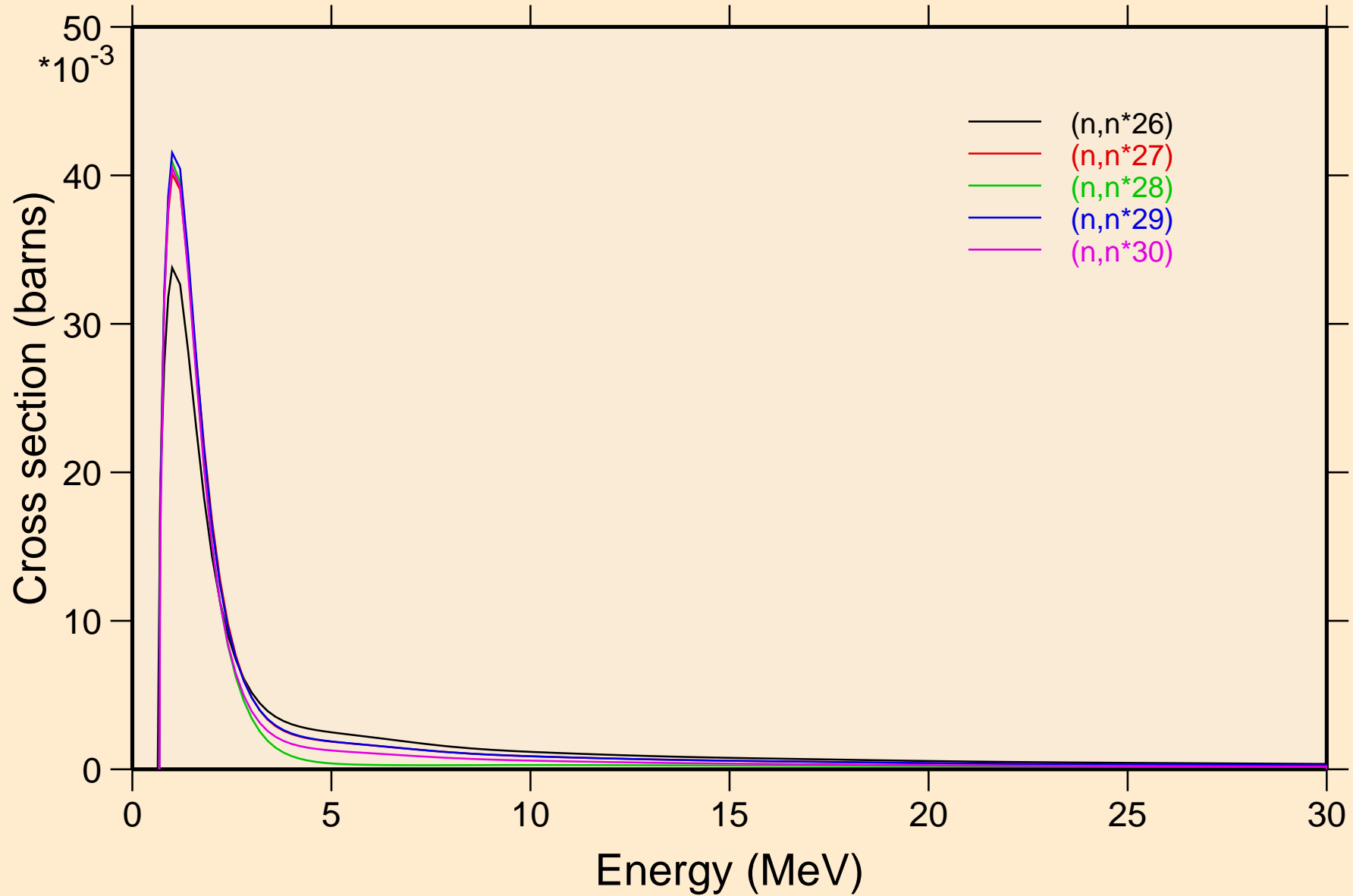
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

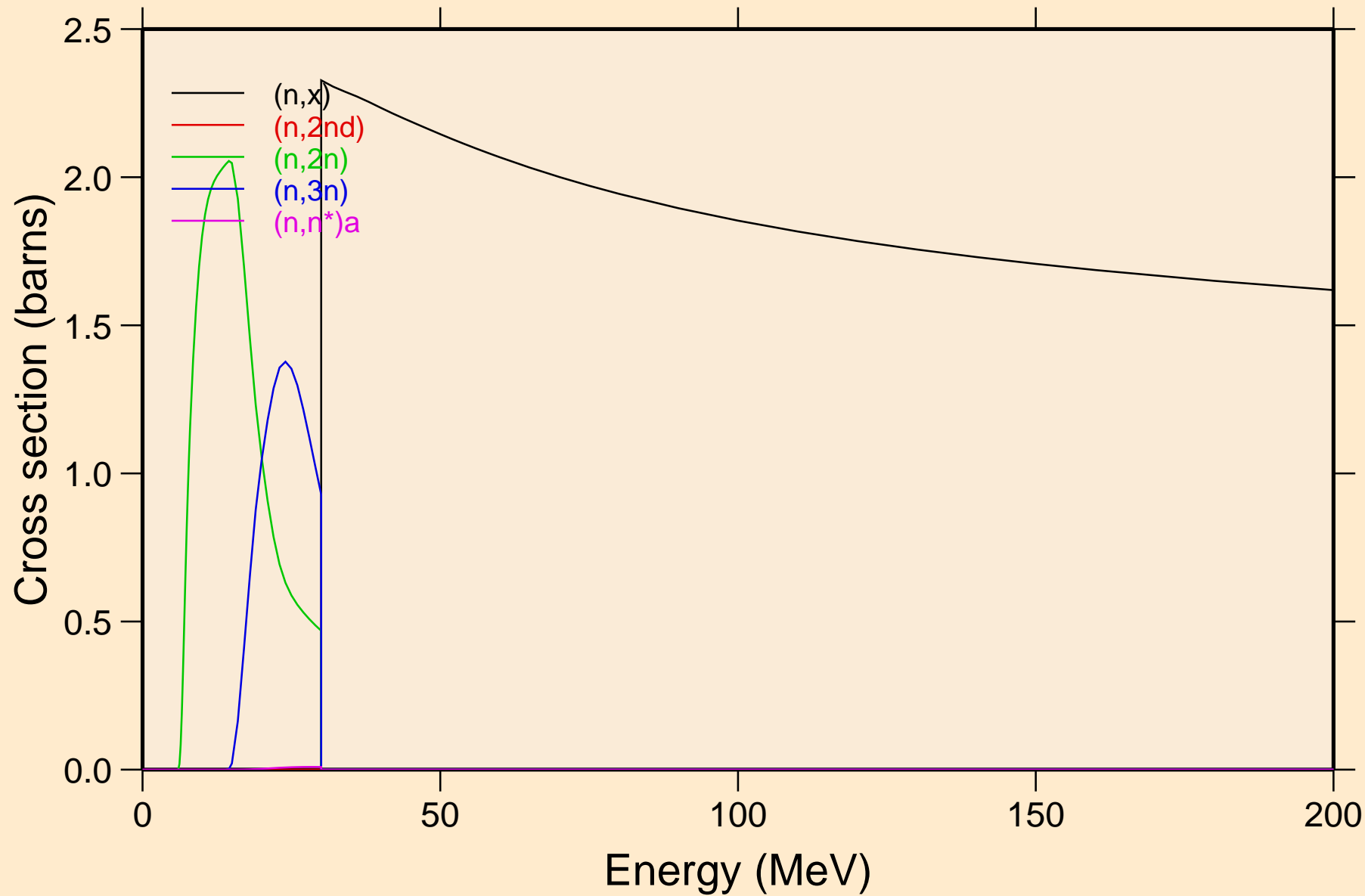


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



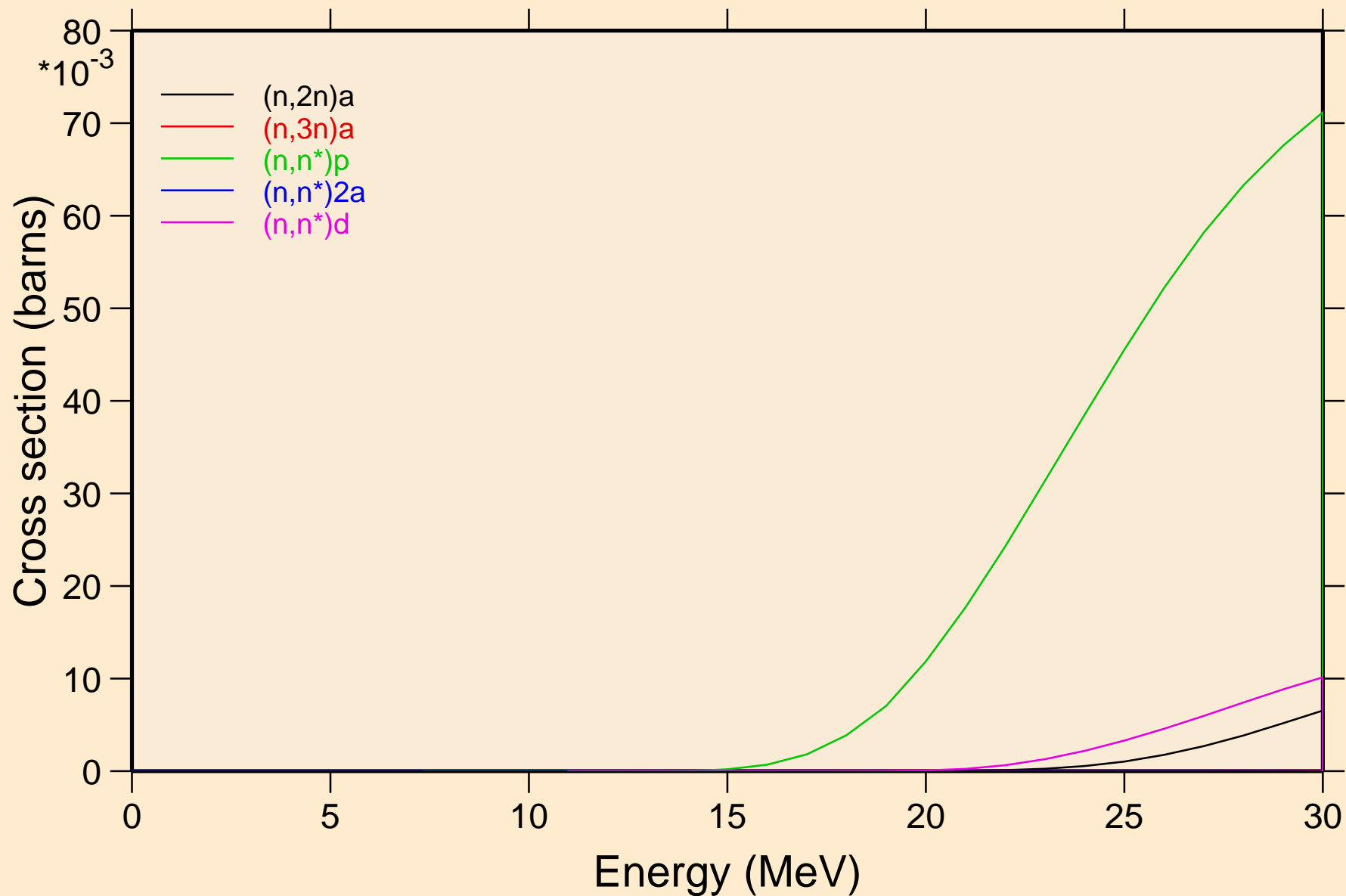
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

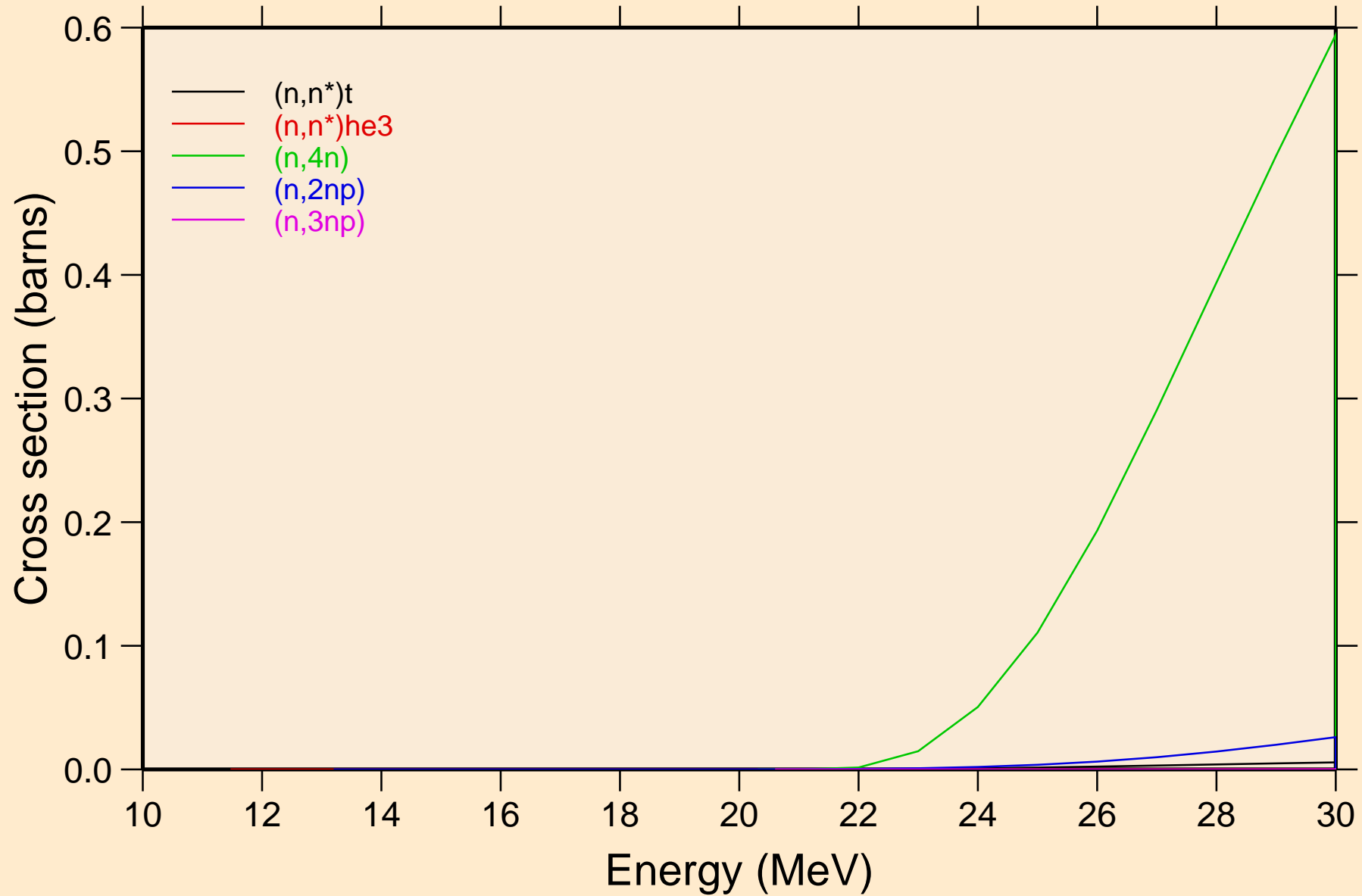


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

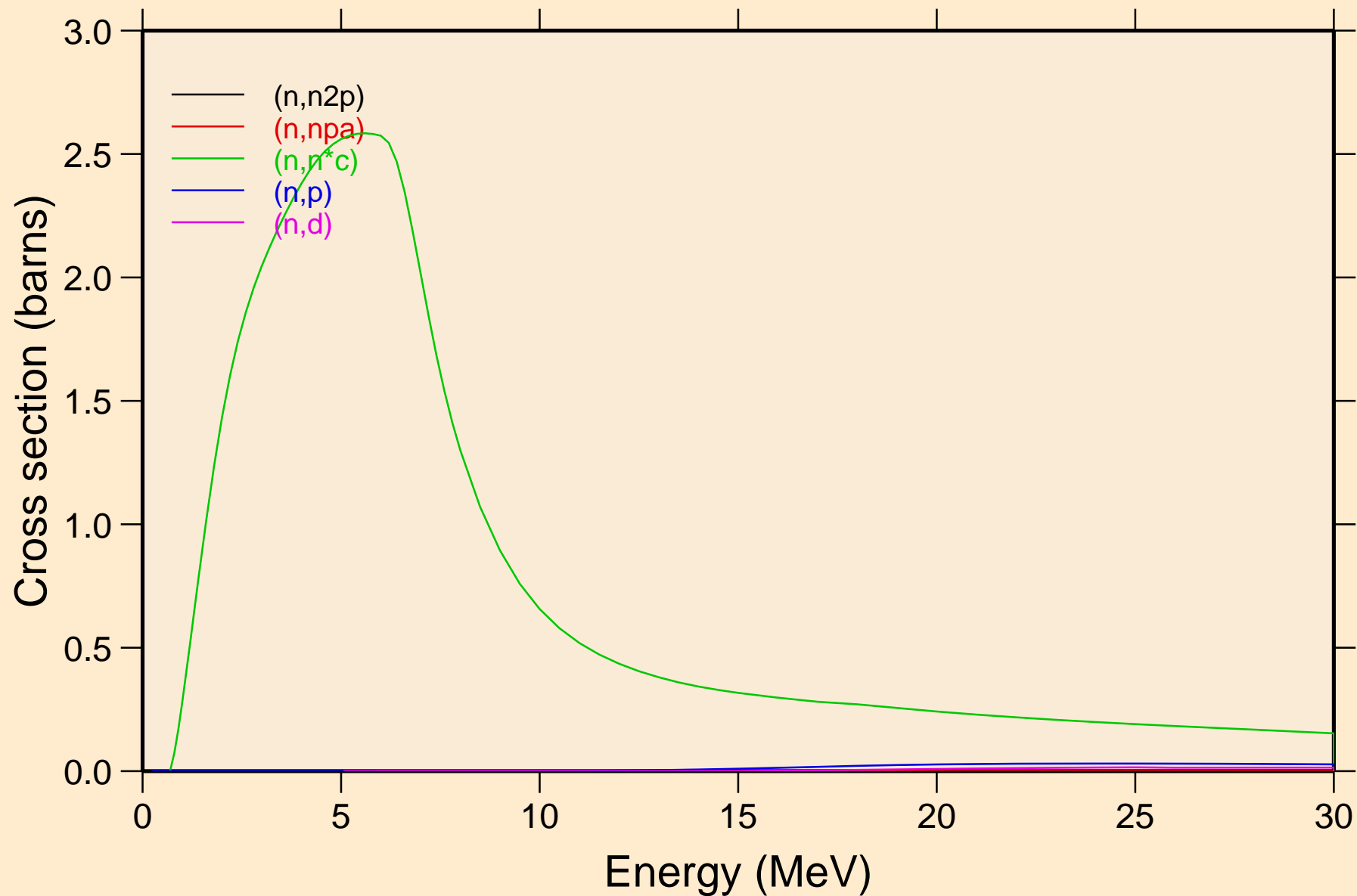


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

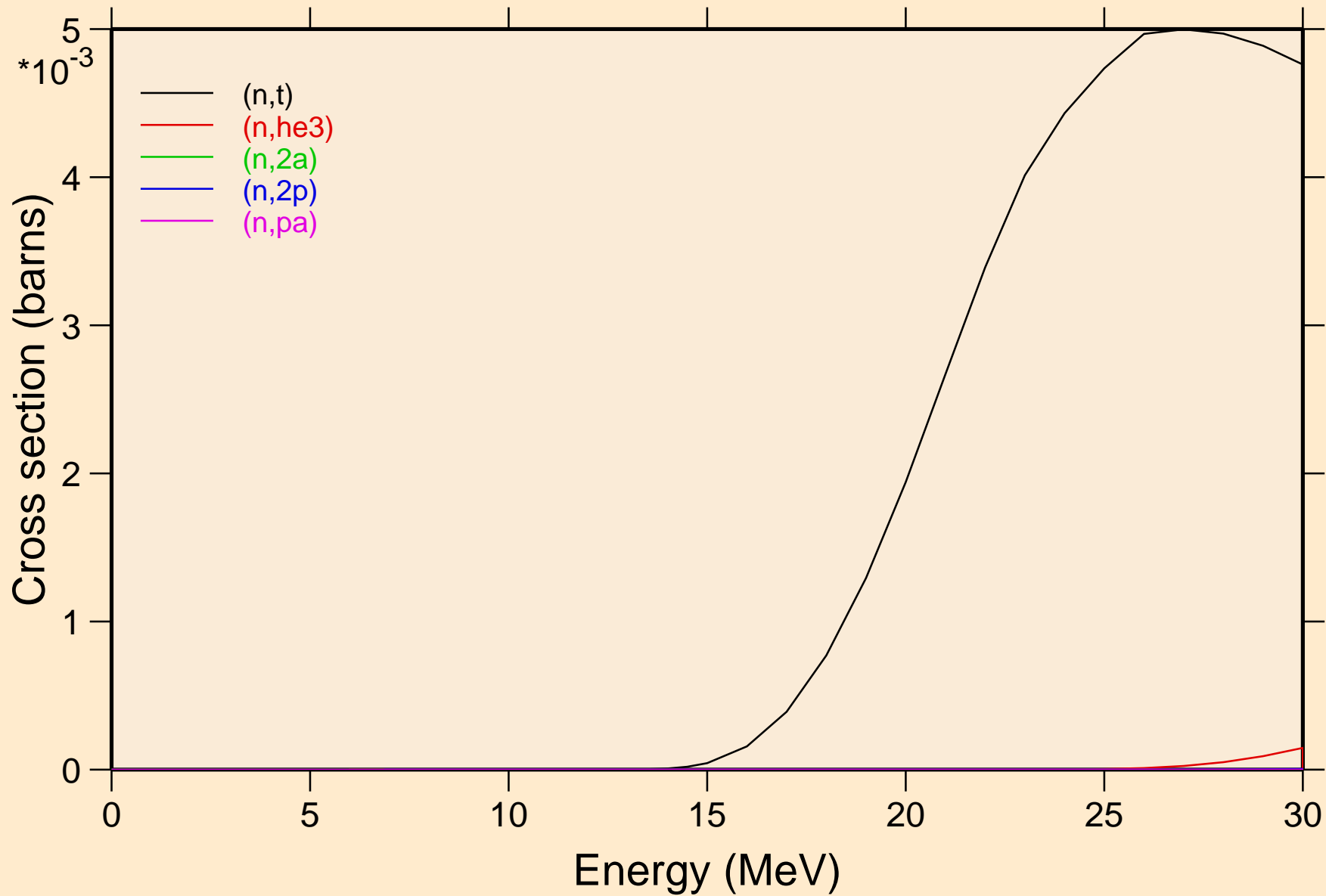


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

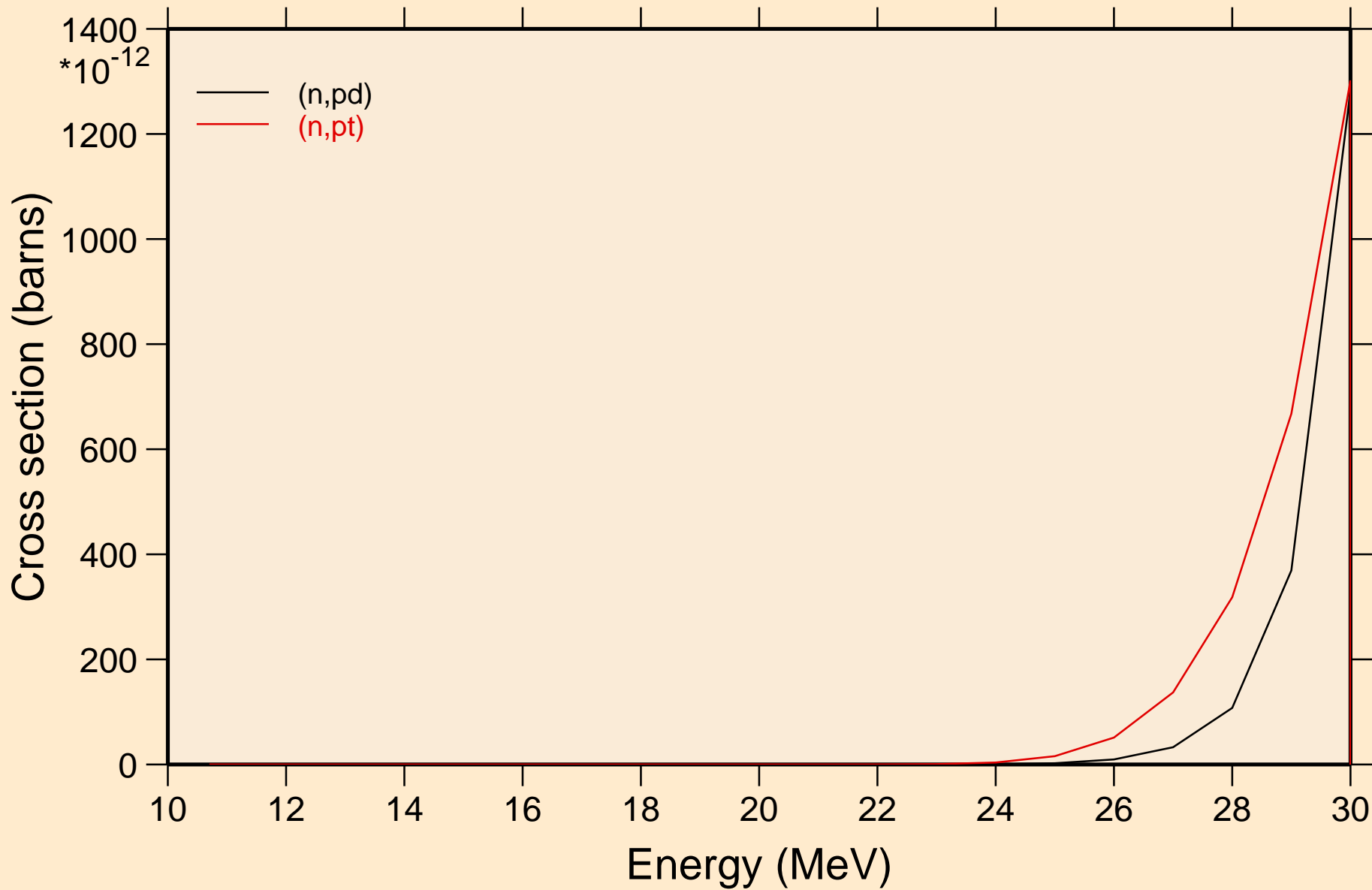
Threshold reactions



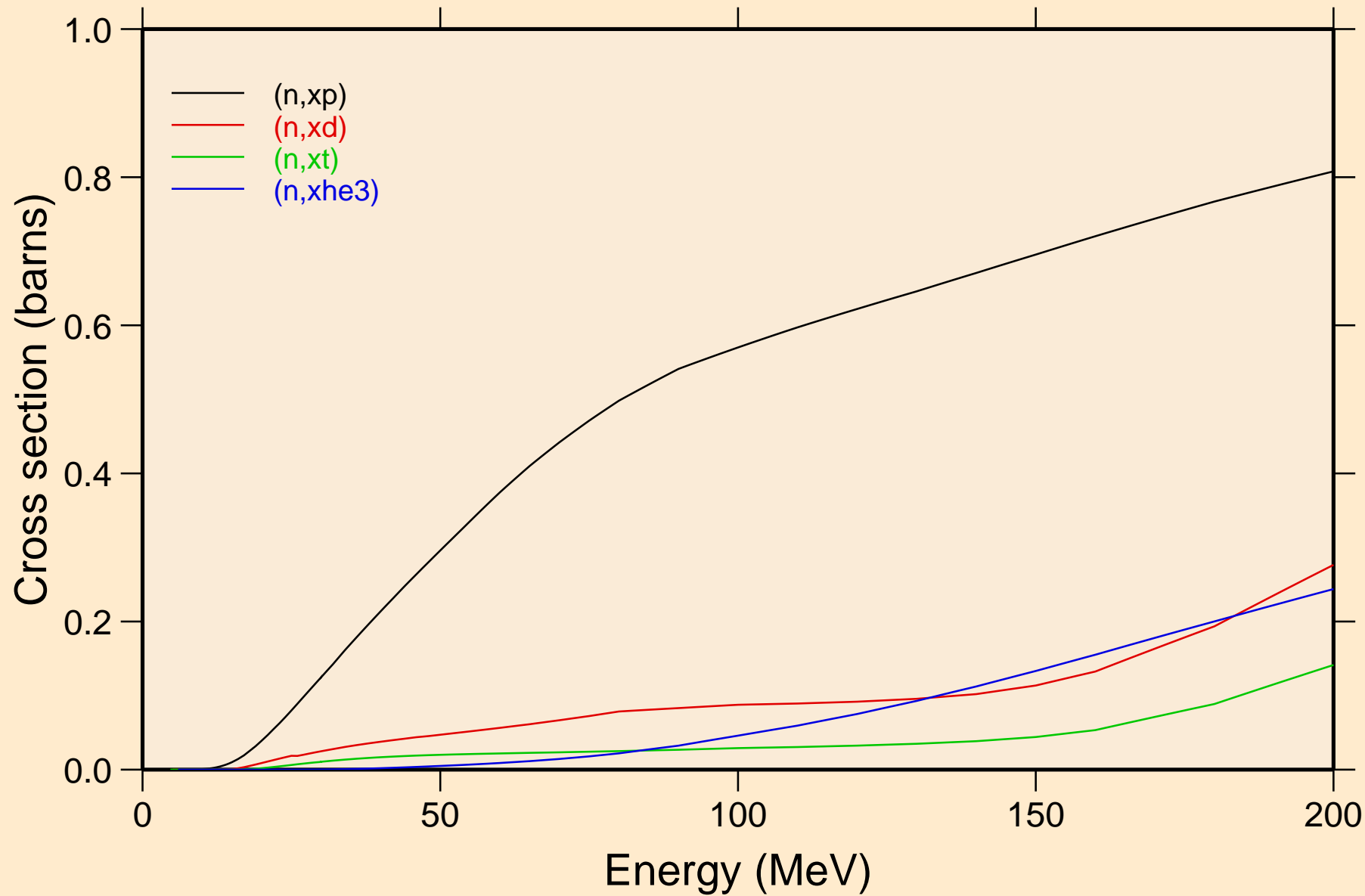
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



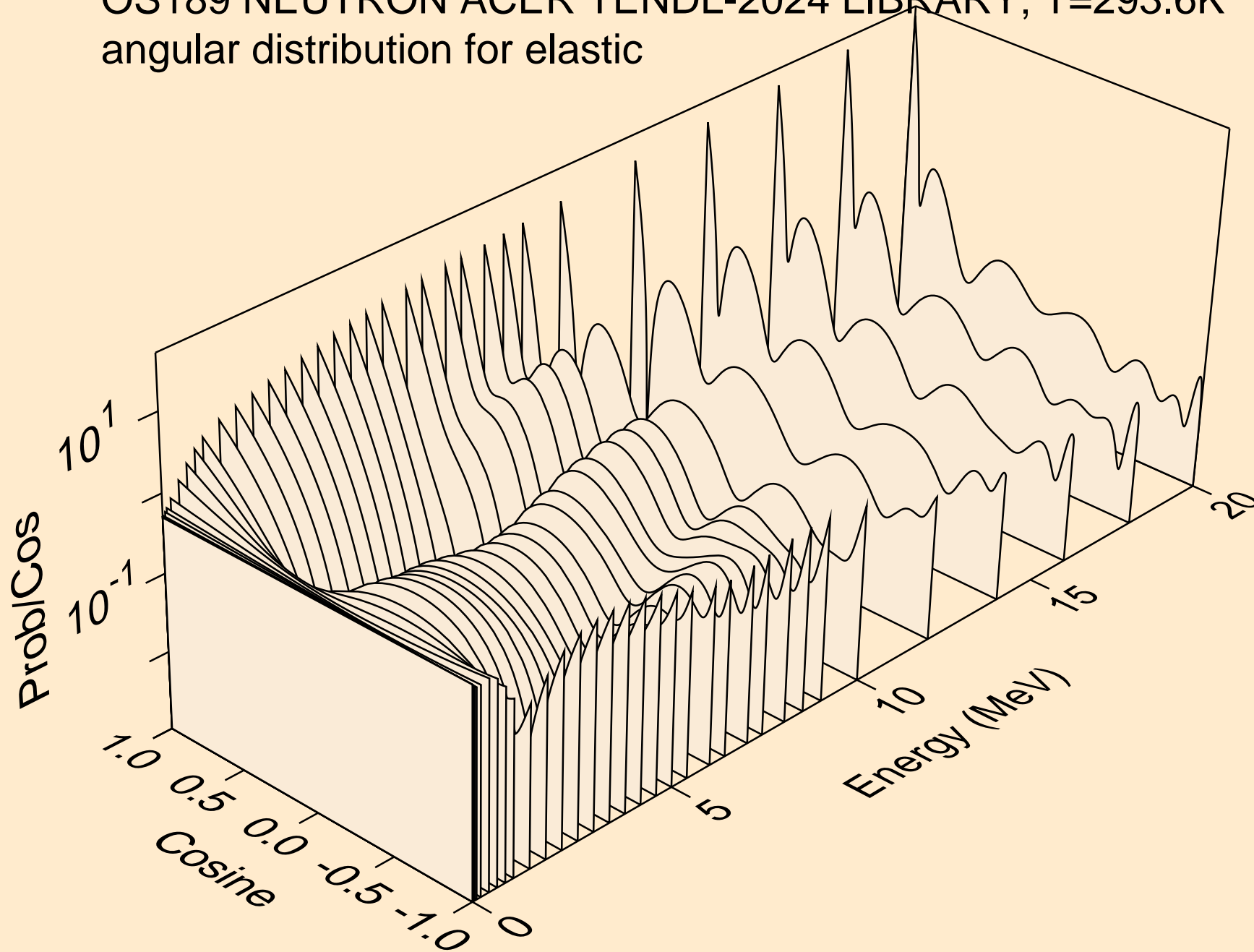
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



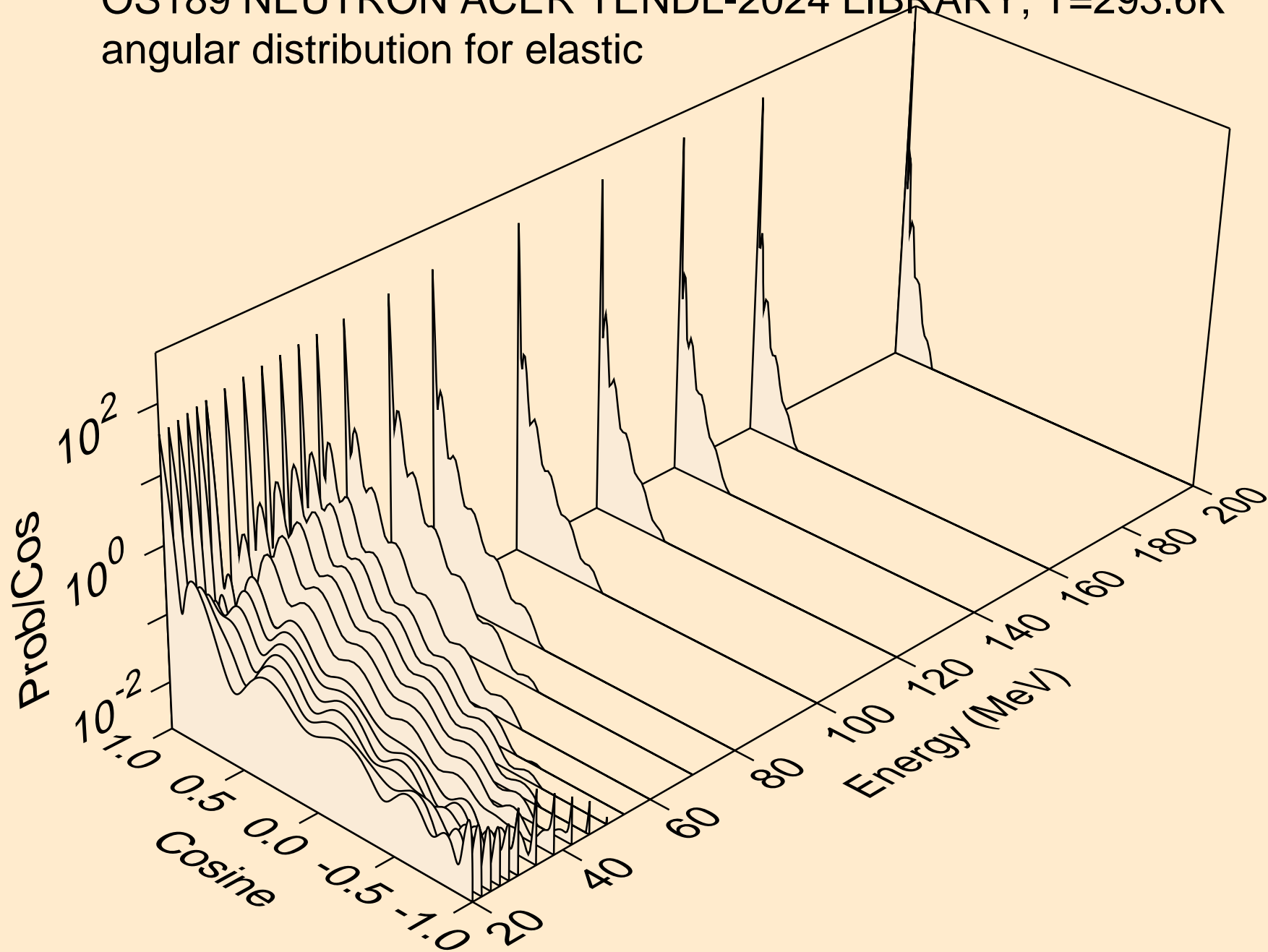
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



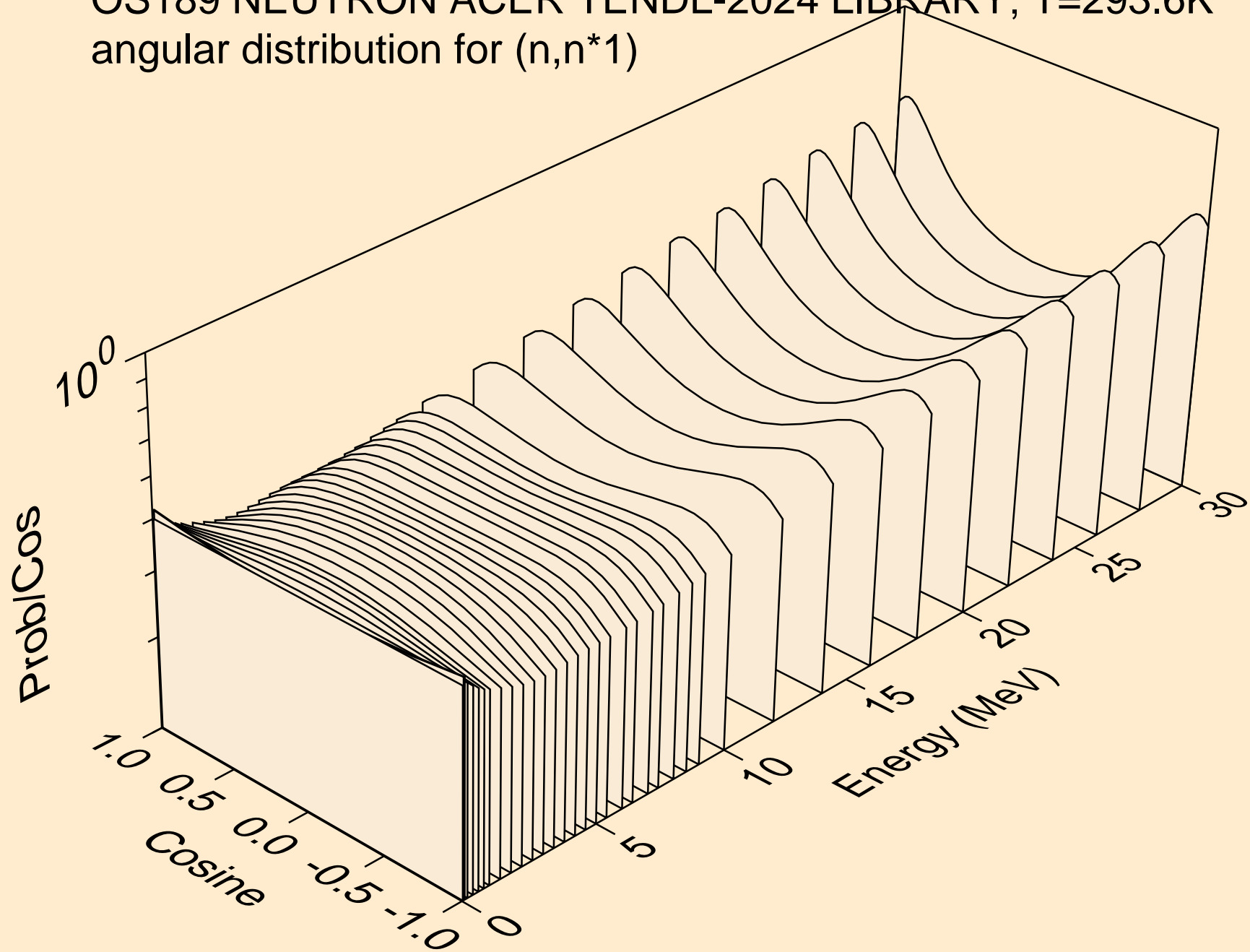
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



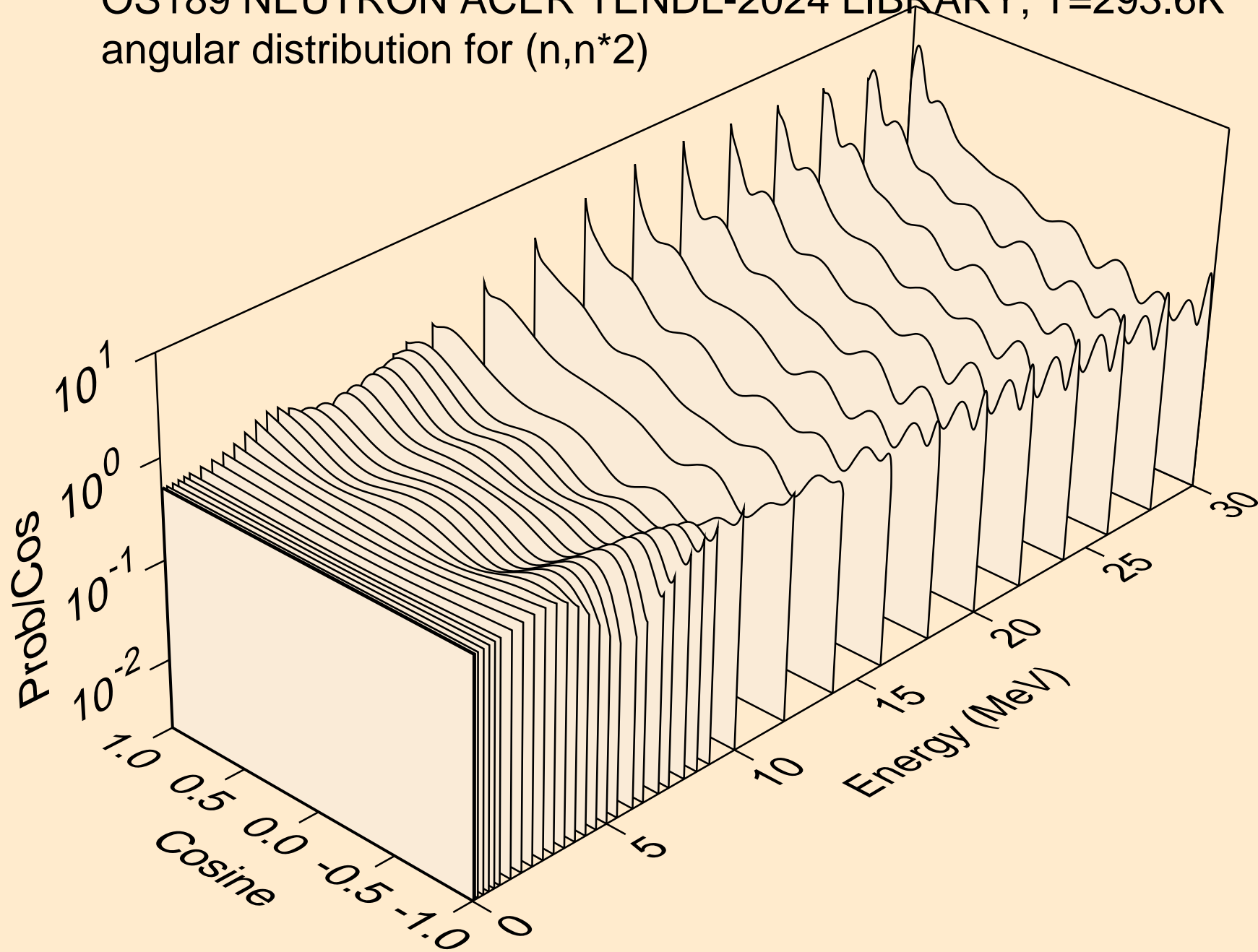
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



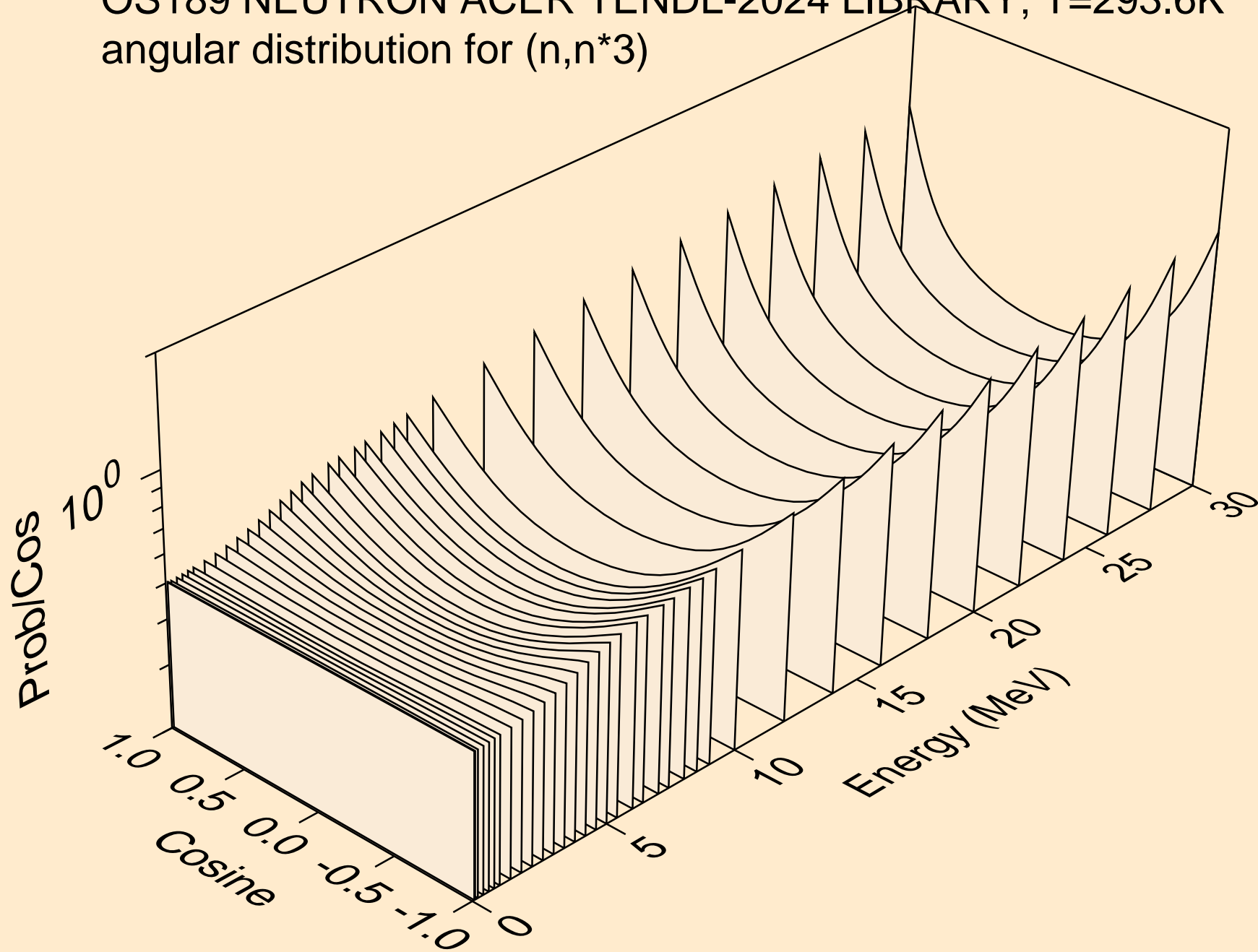
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



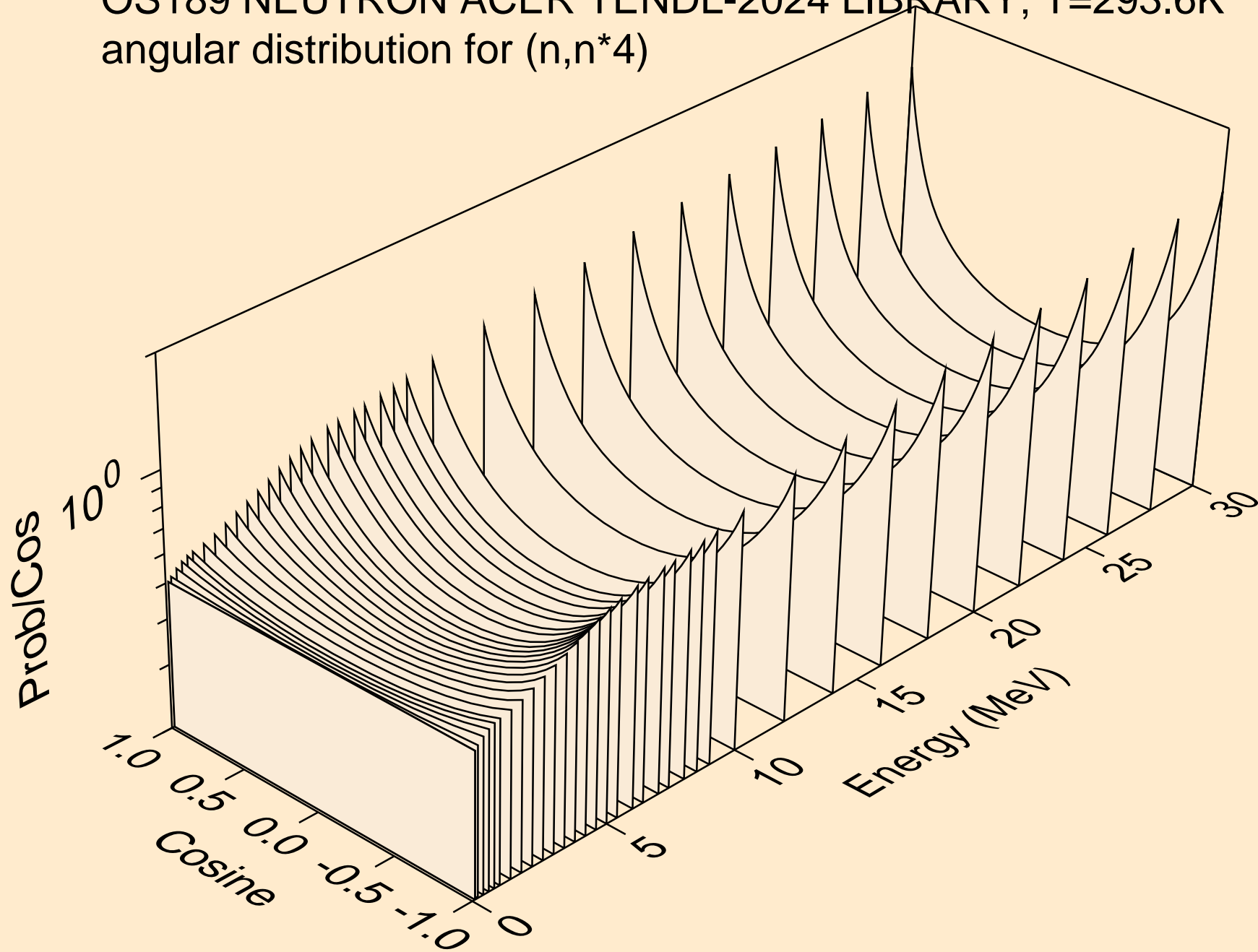
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



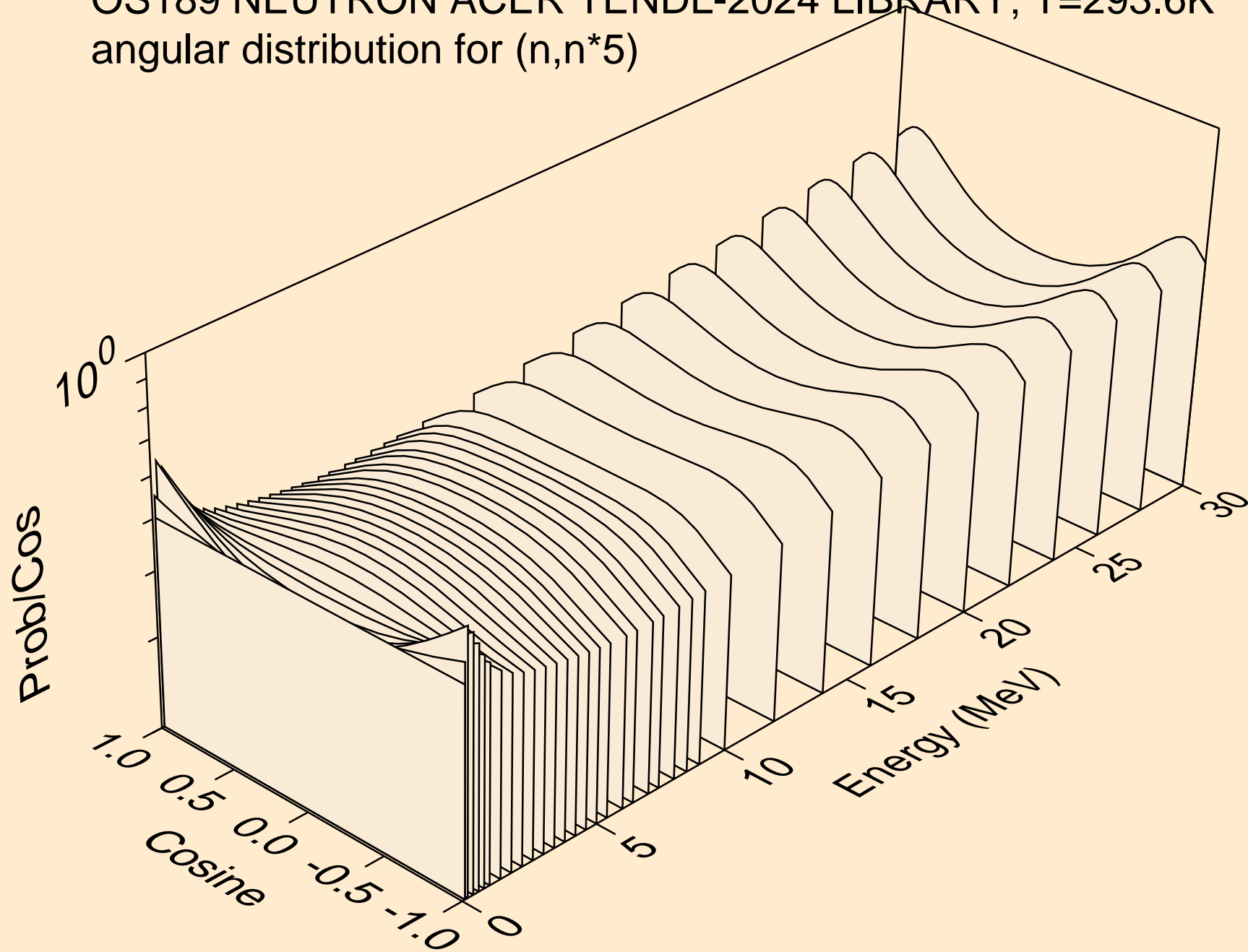
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



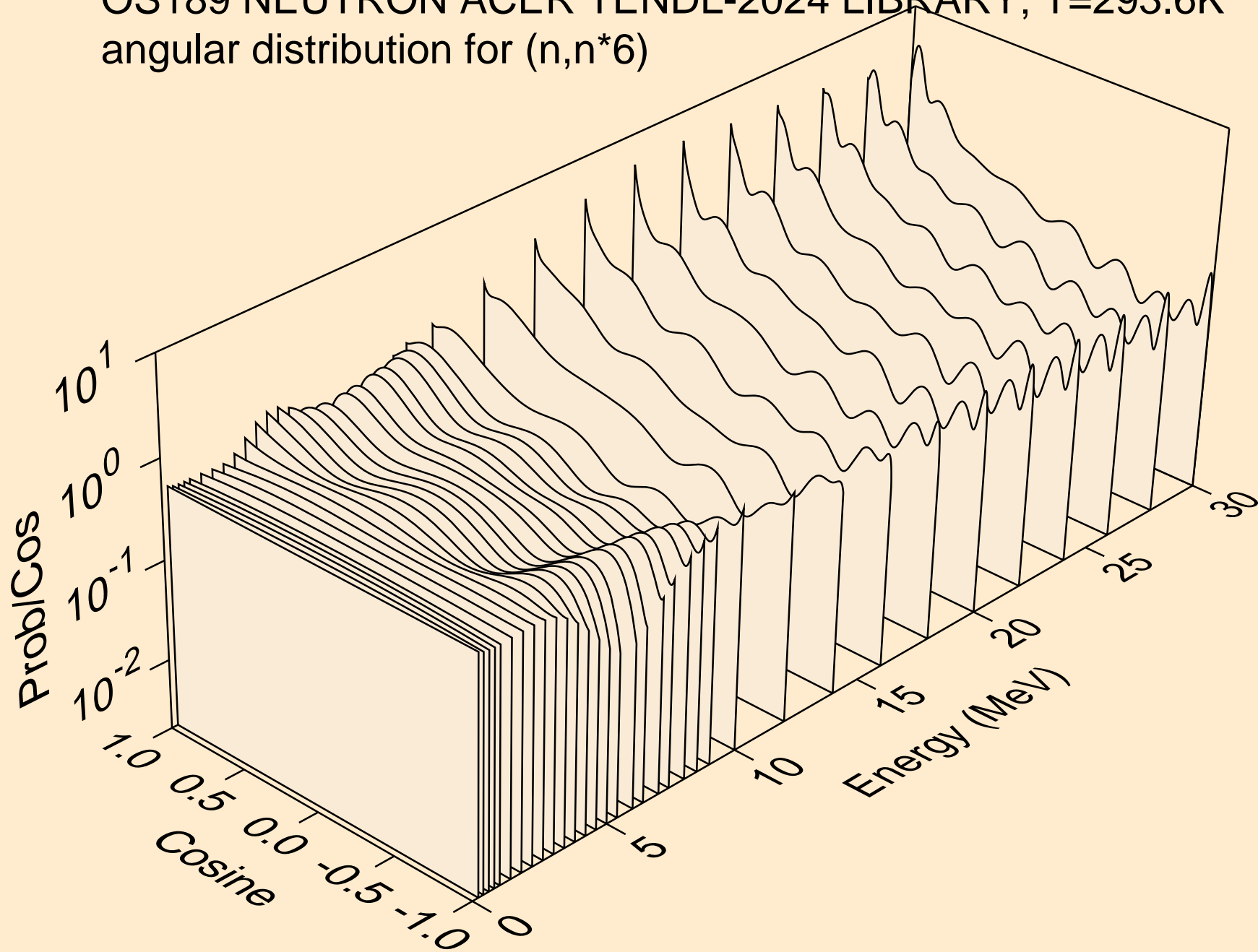
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



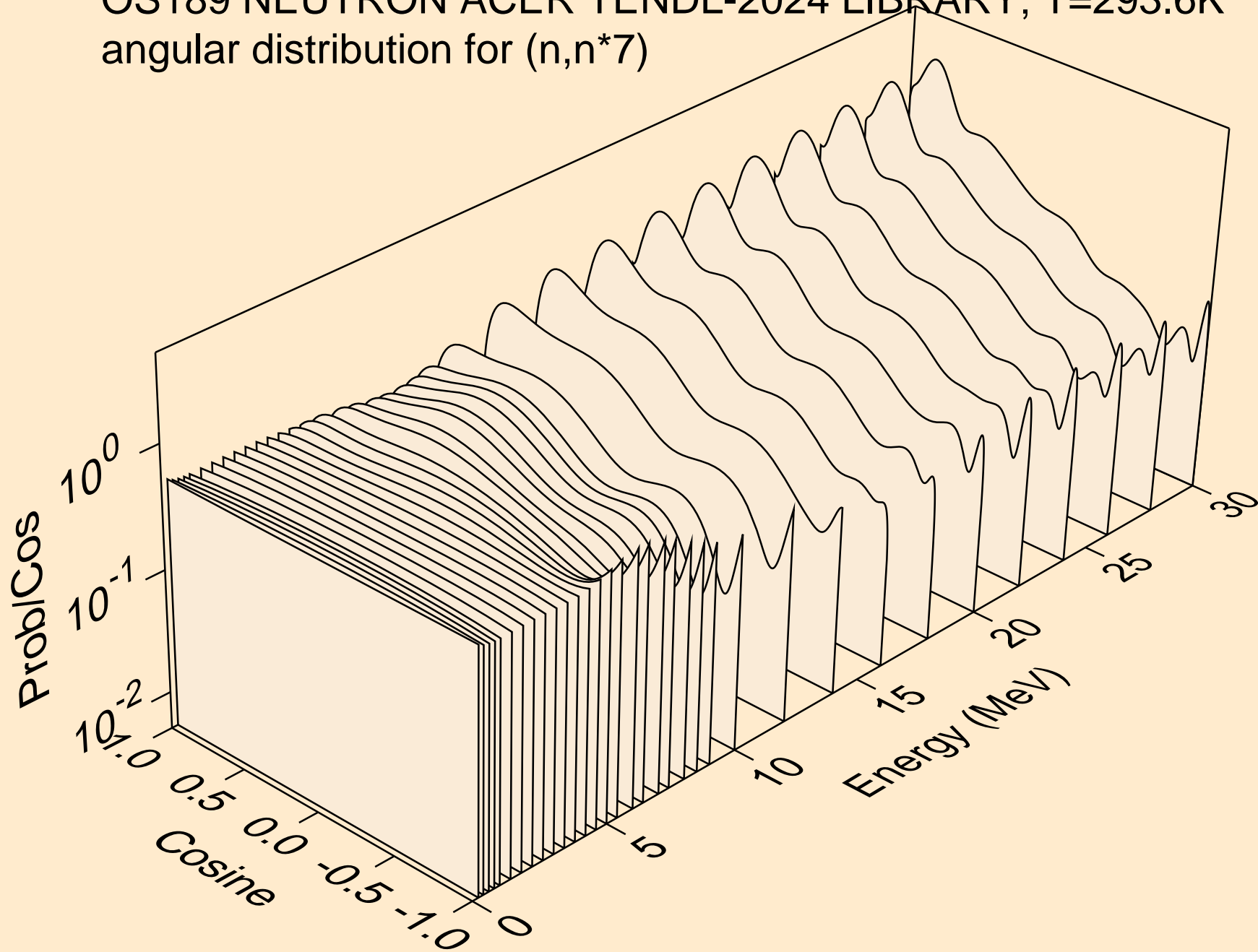
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angular distribution for (n,n*5)



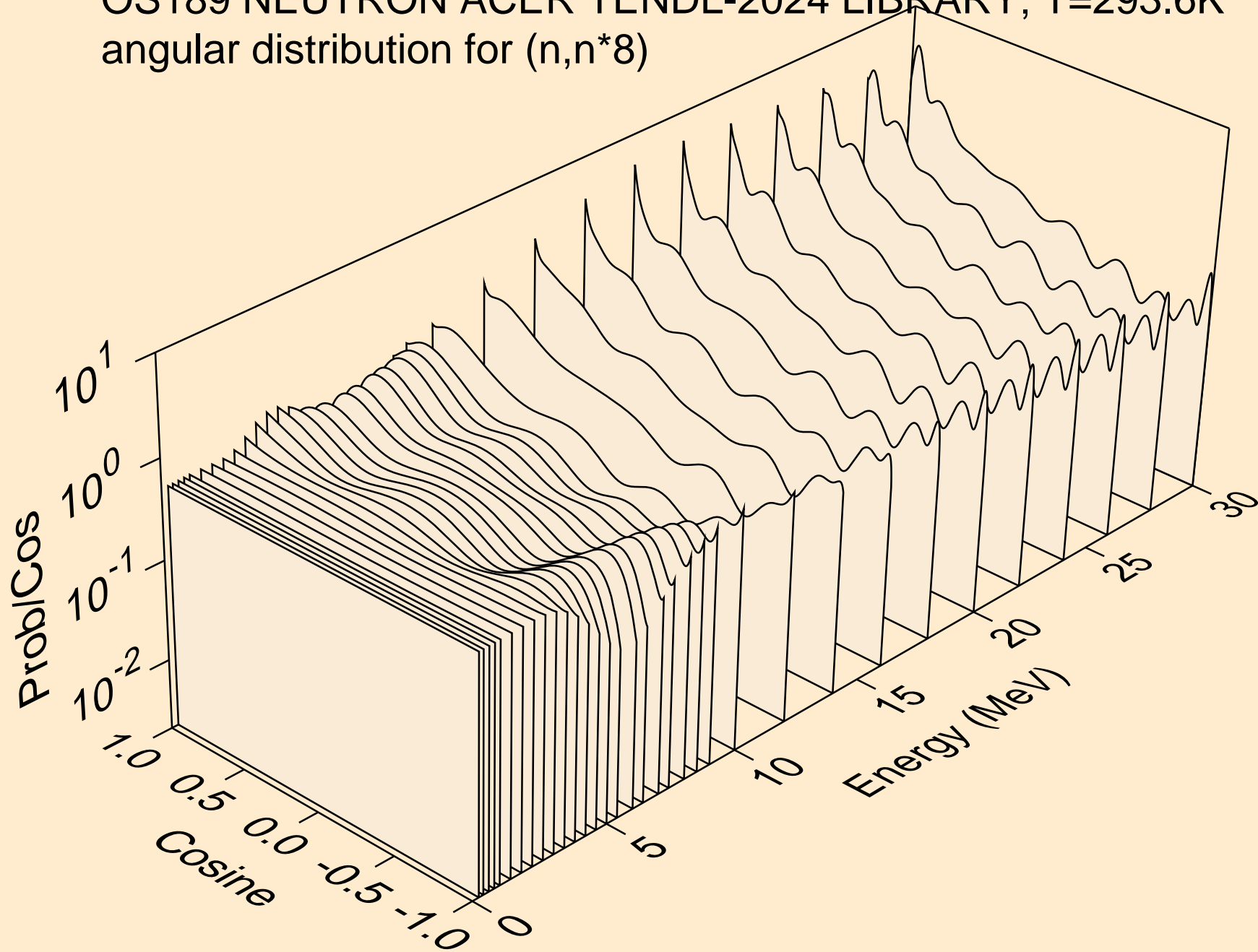
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



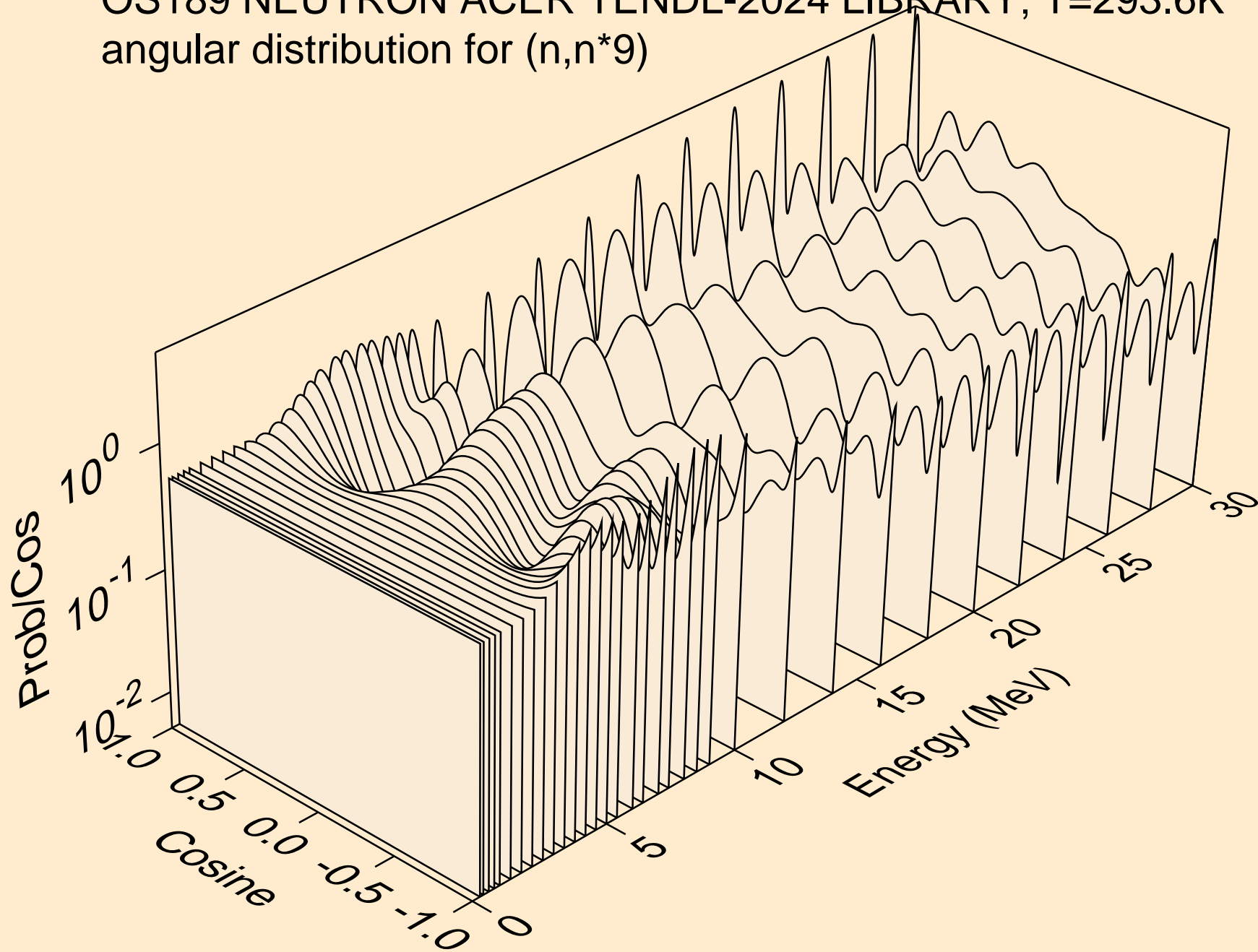
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angular distribution for (n,n*7)



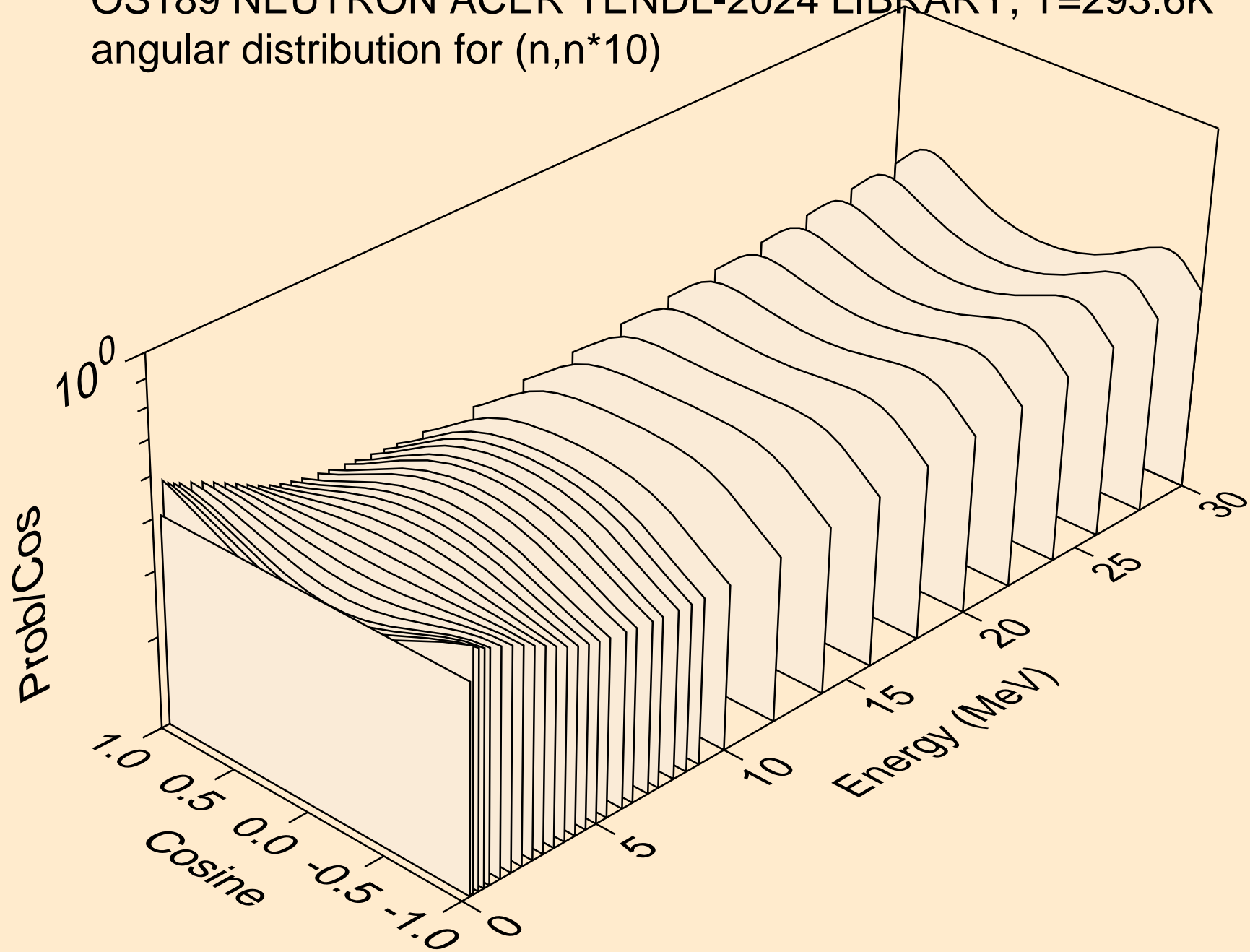
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angular distribution for (n,n*8)



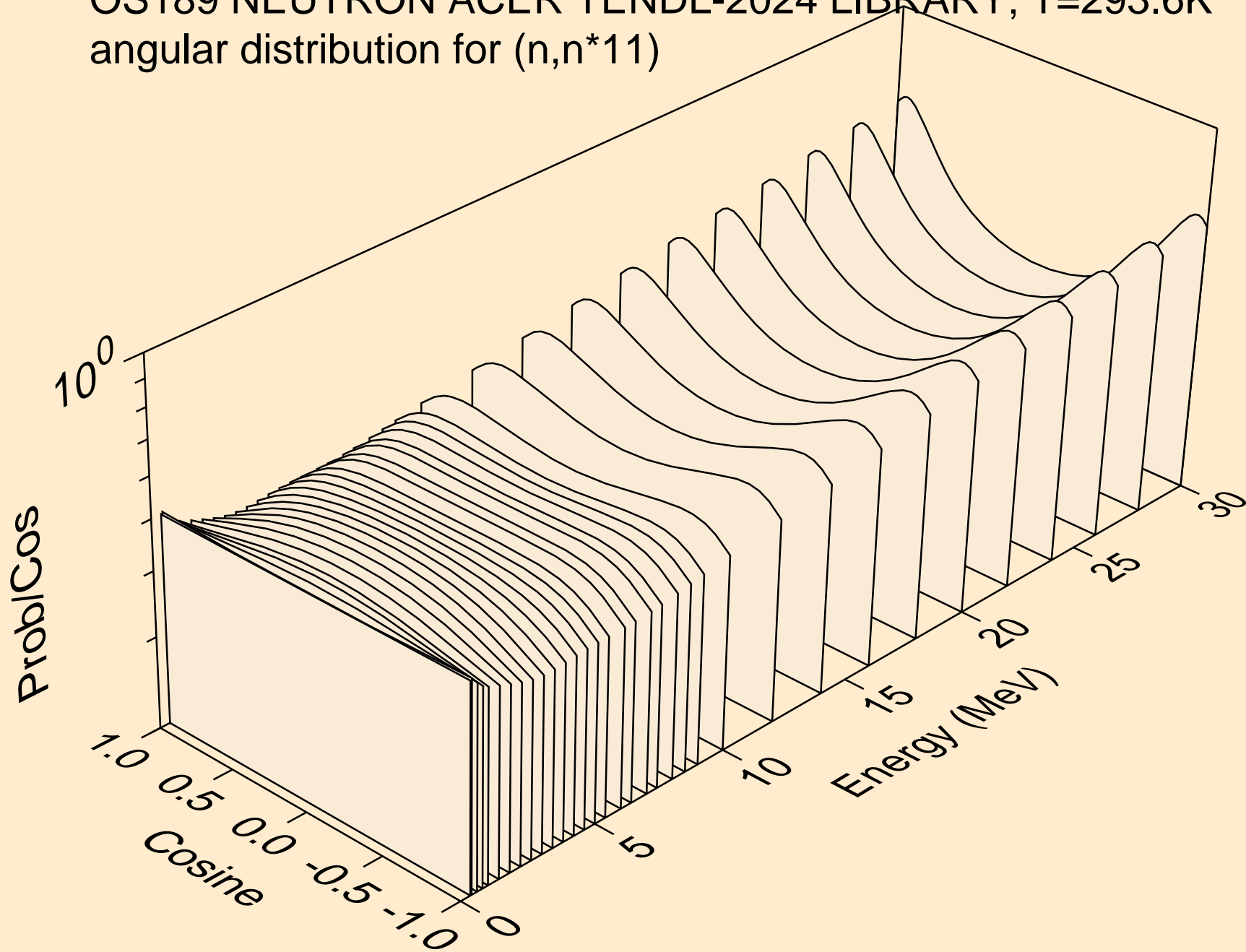
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angular distribution for (n,n*9)



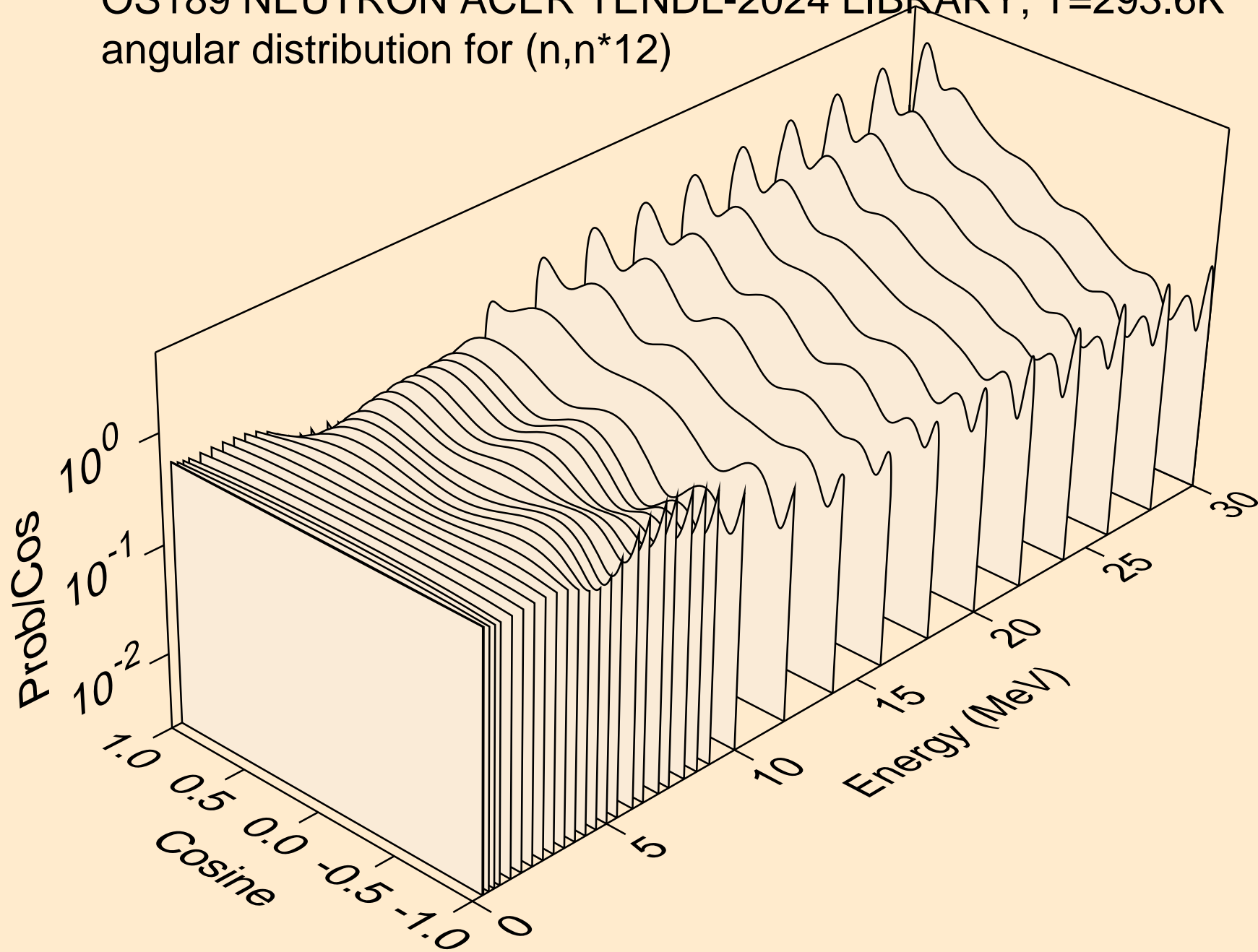
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



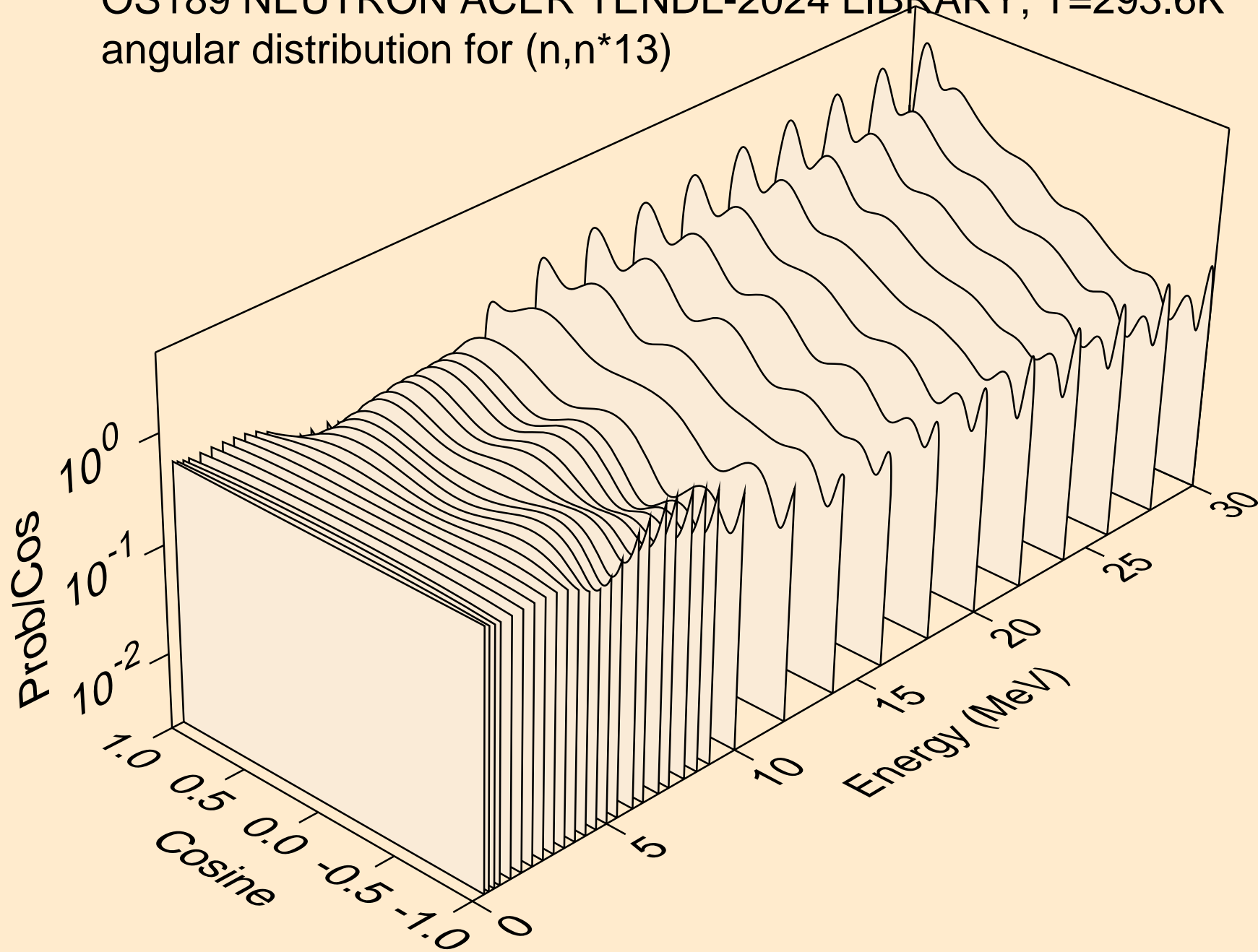
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



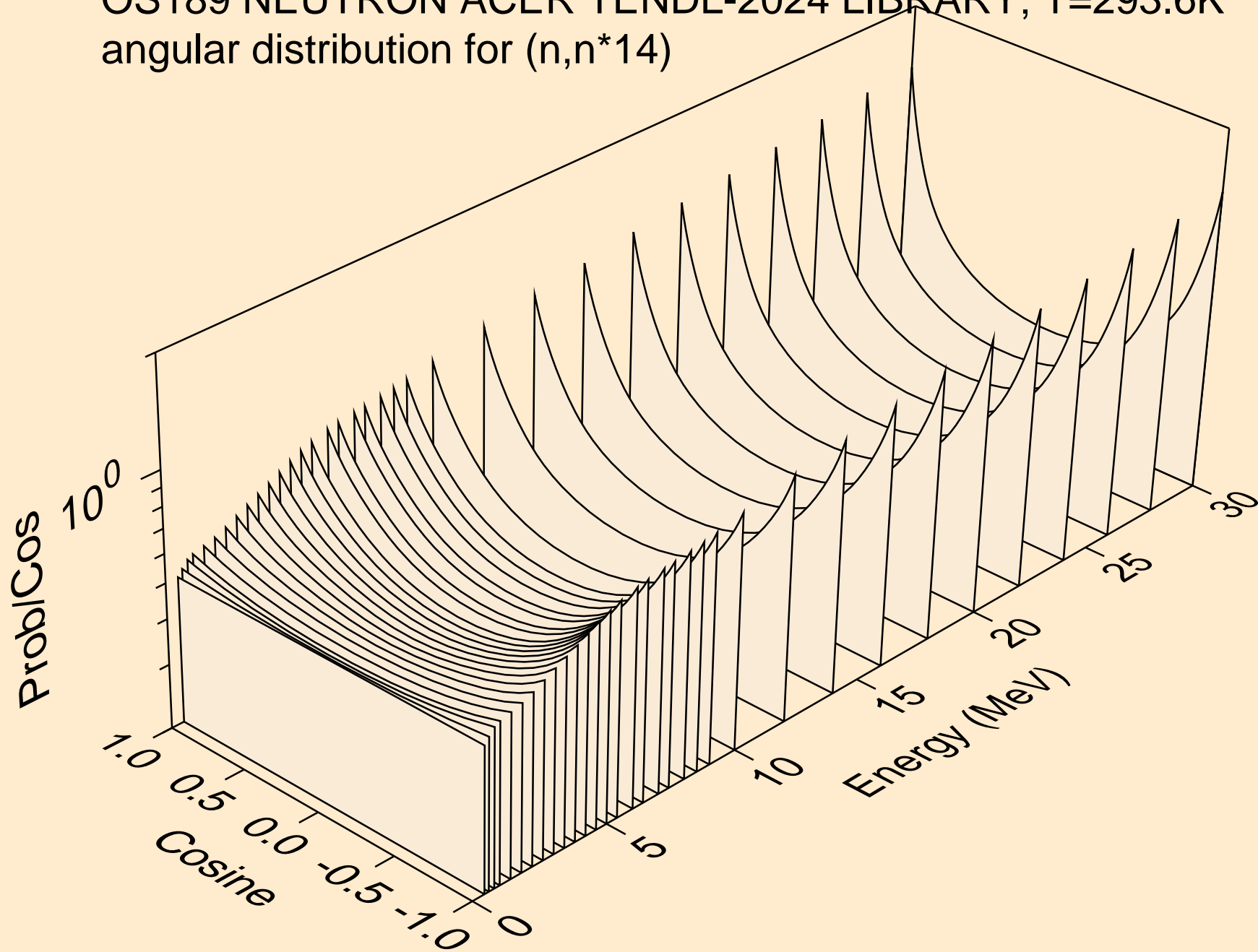
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



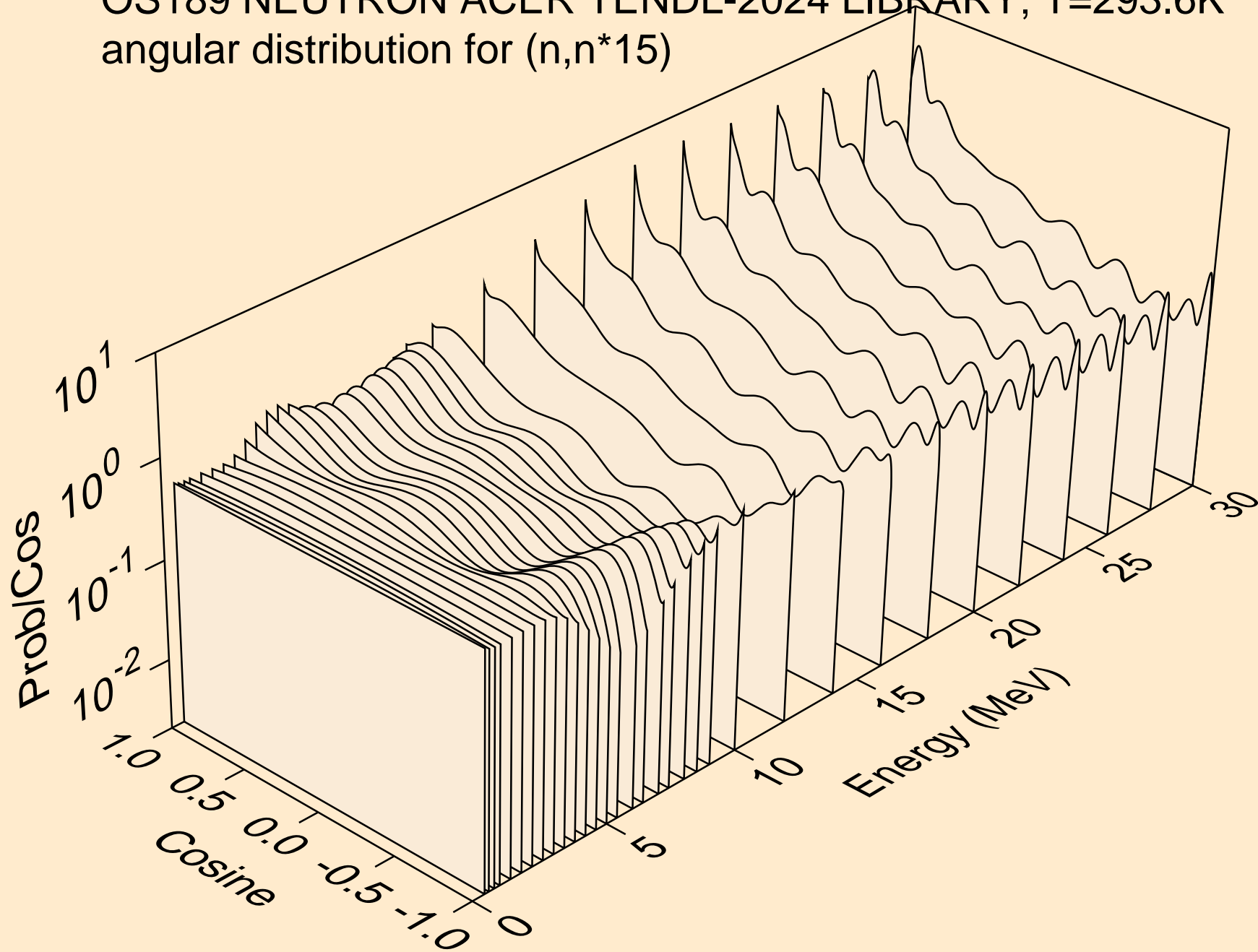
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



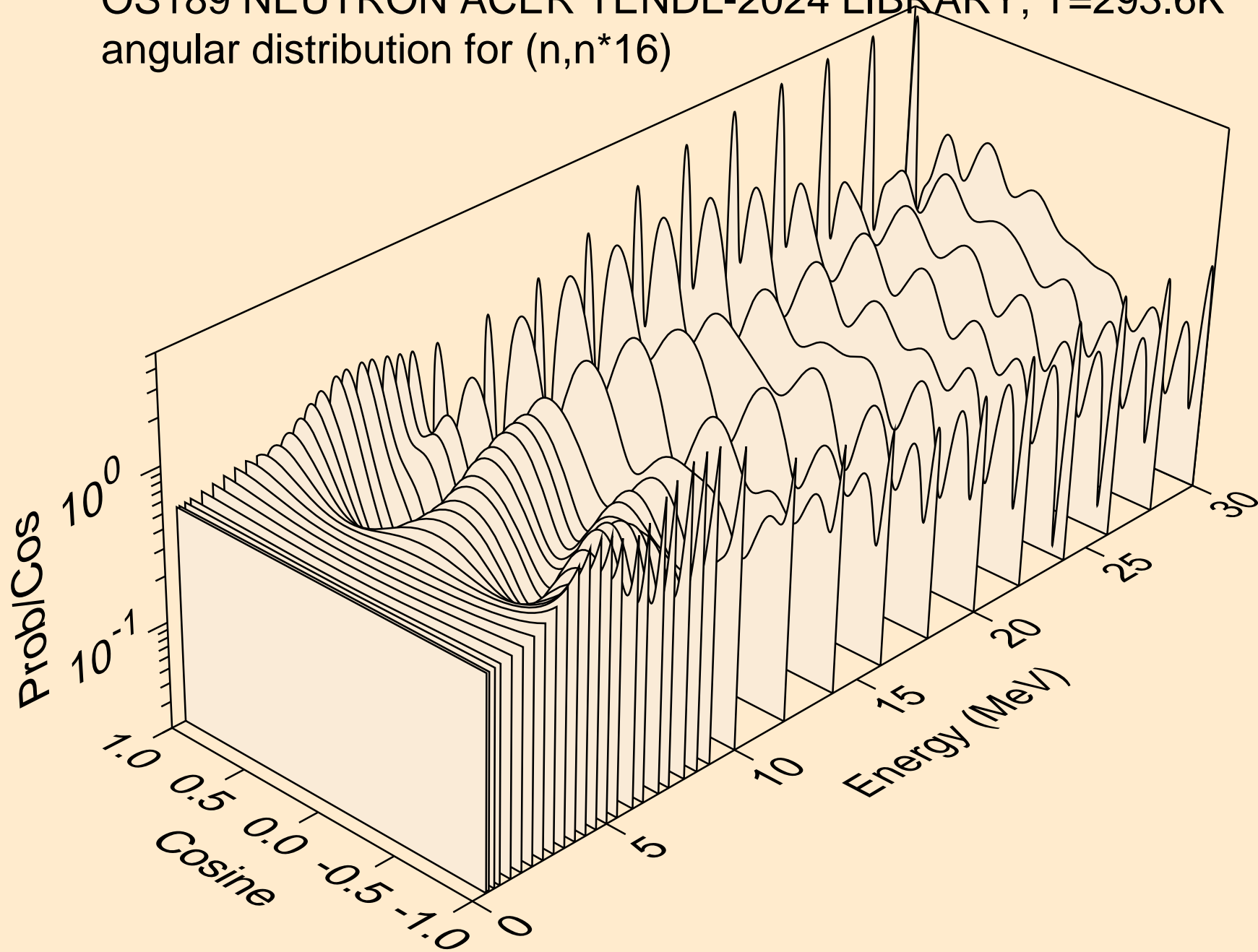
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angular distribution for (n,n*14)



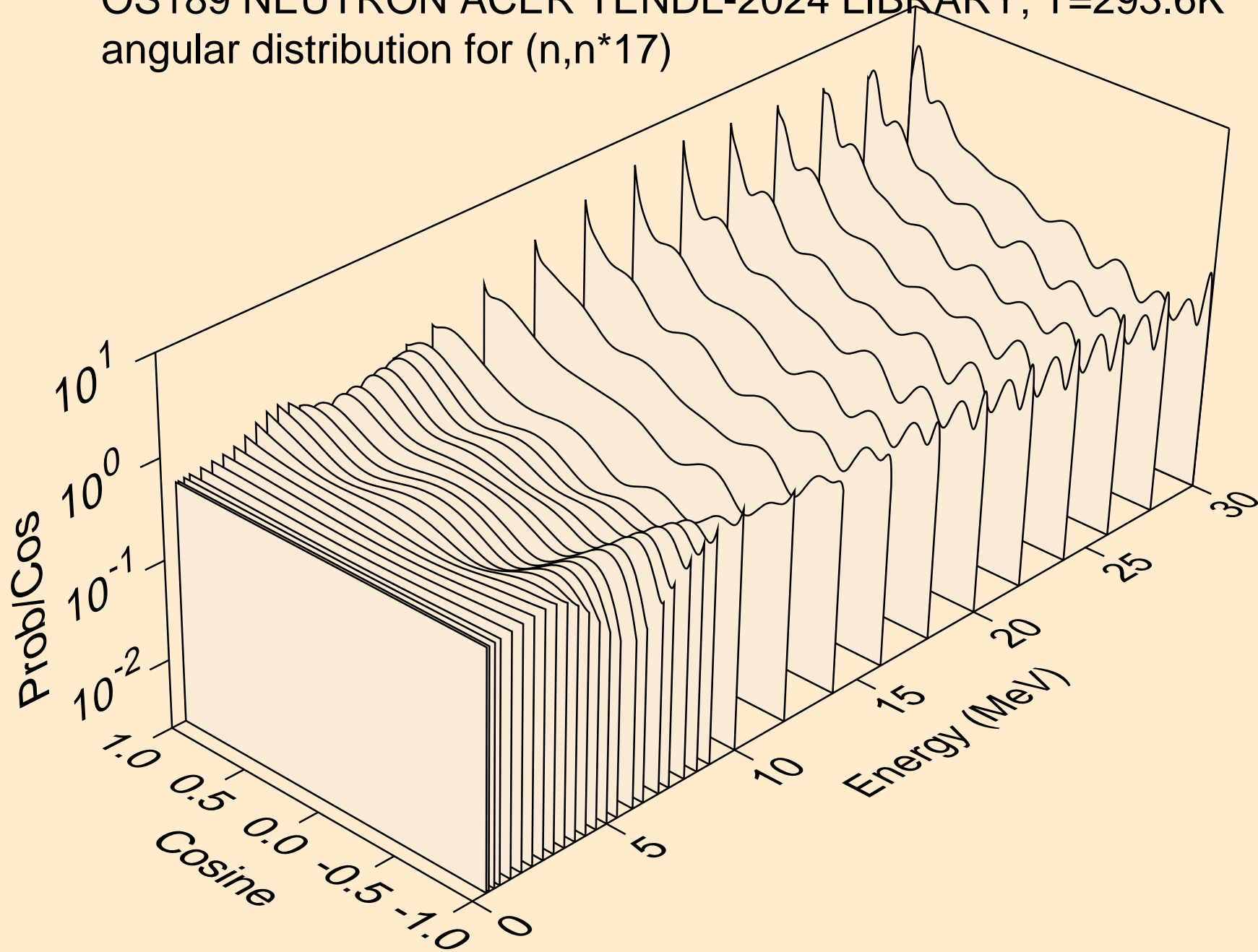
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



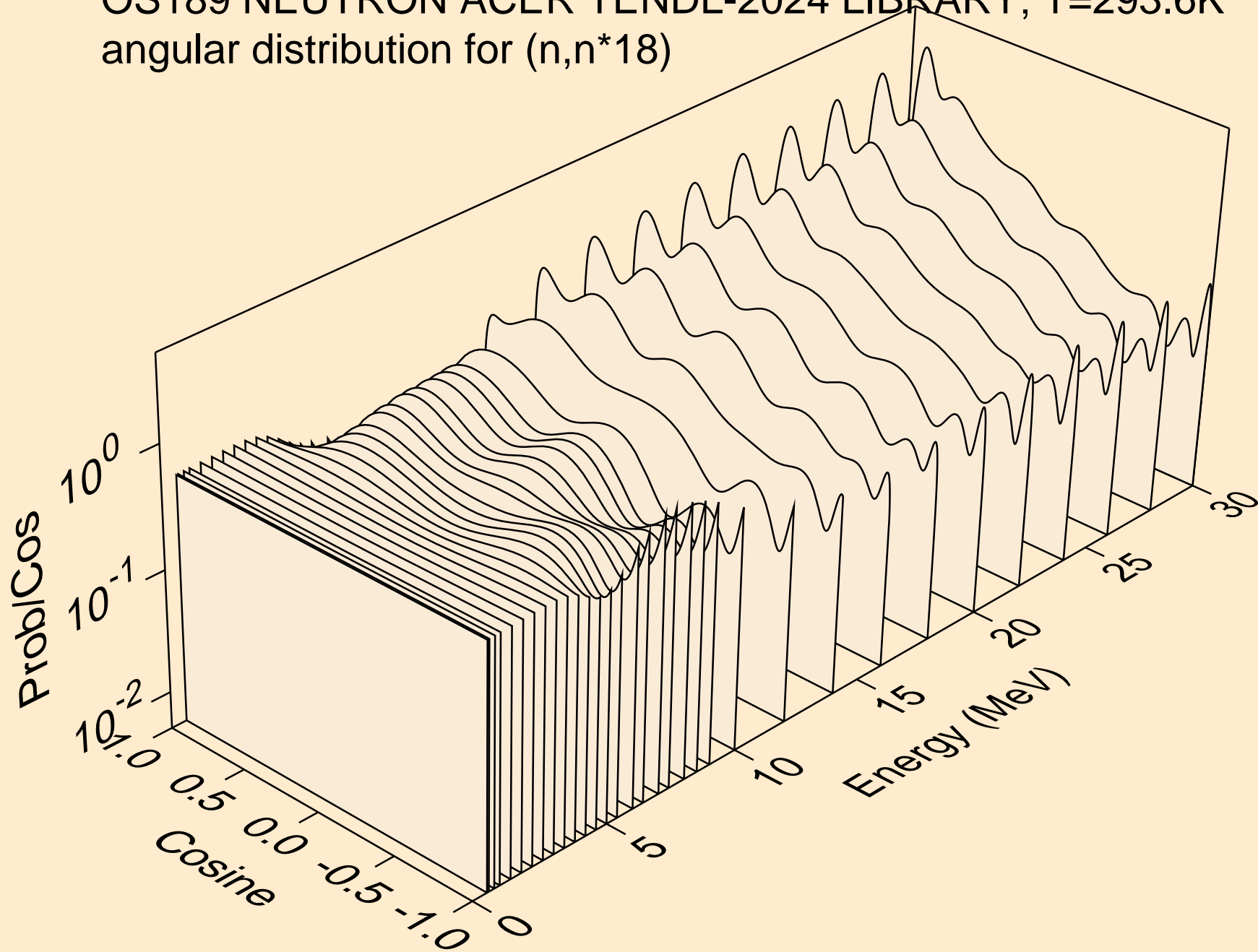
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



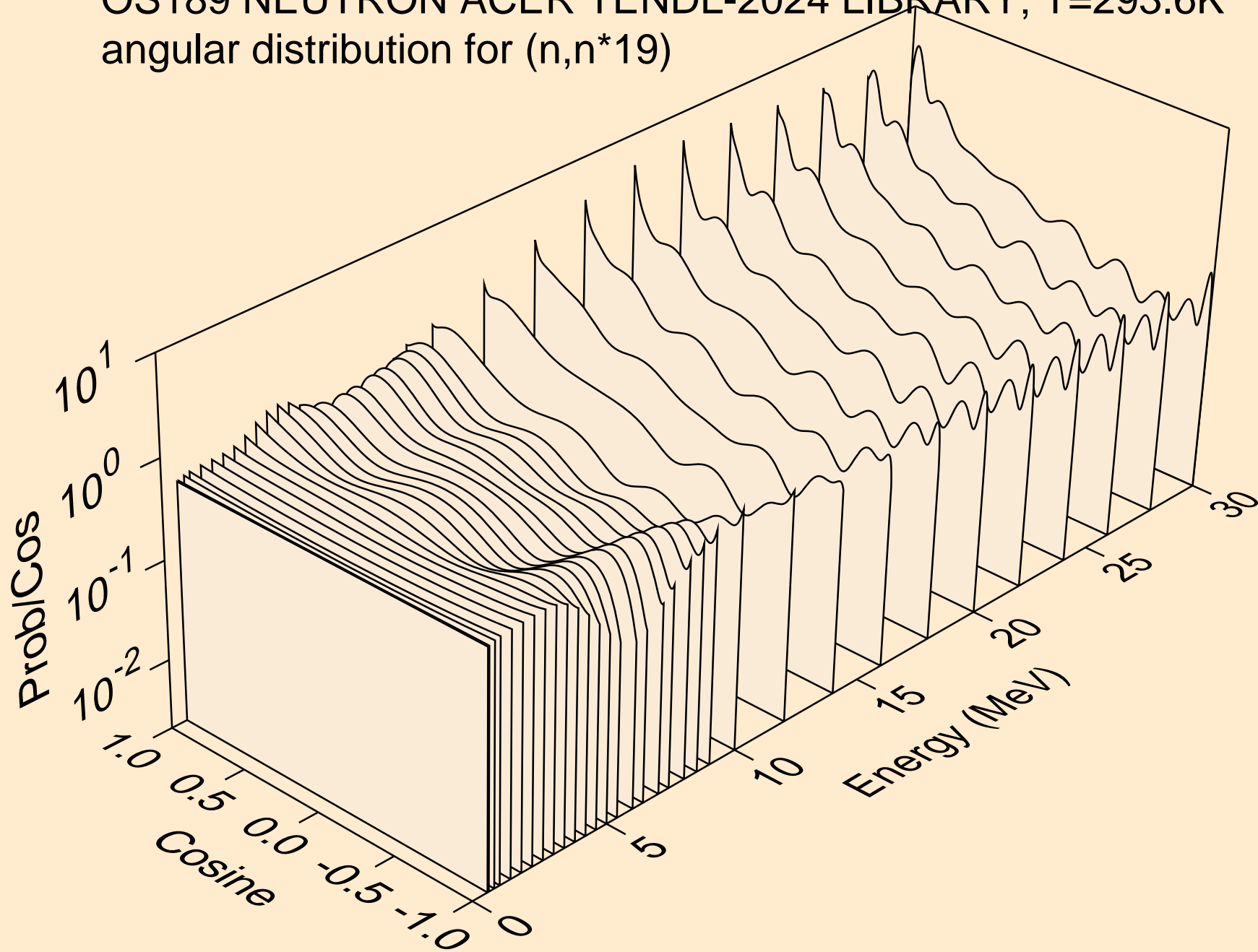
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angular distribution for (n,n*17)



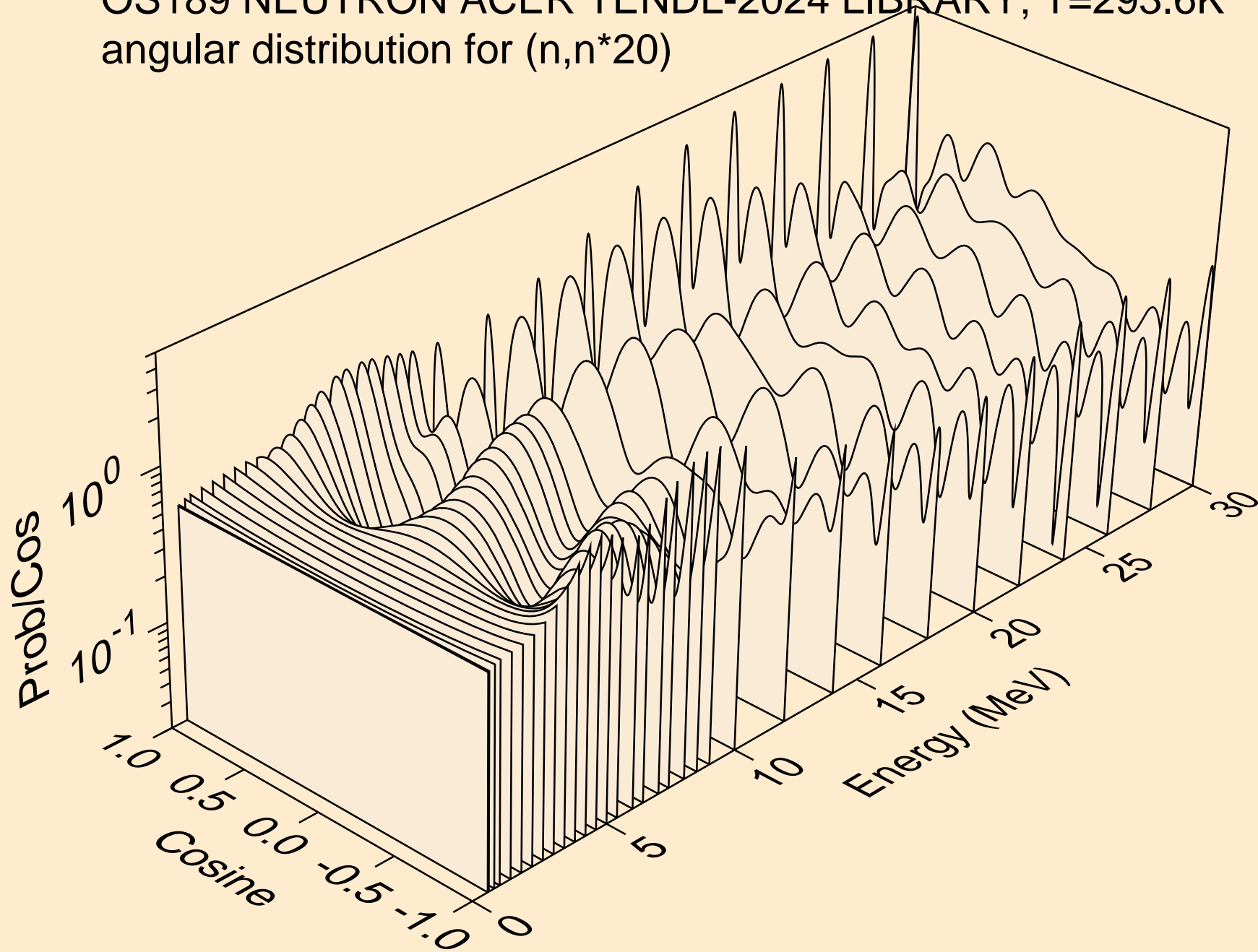
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



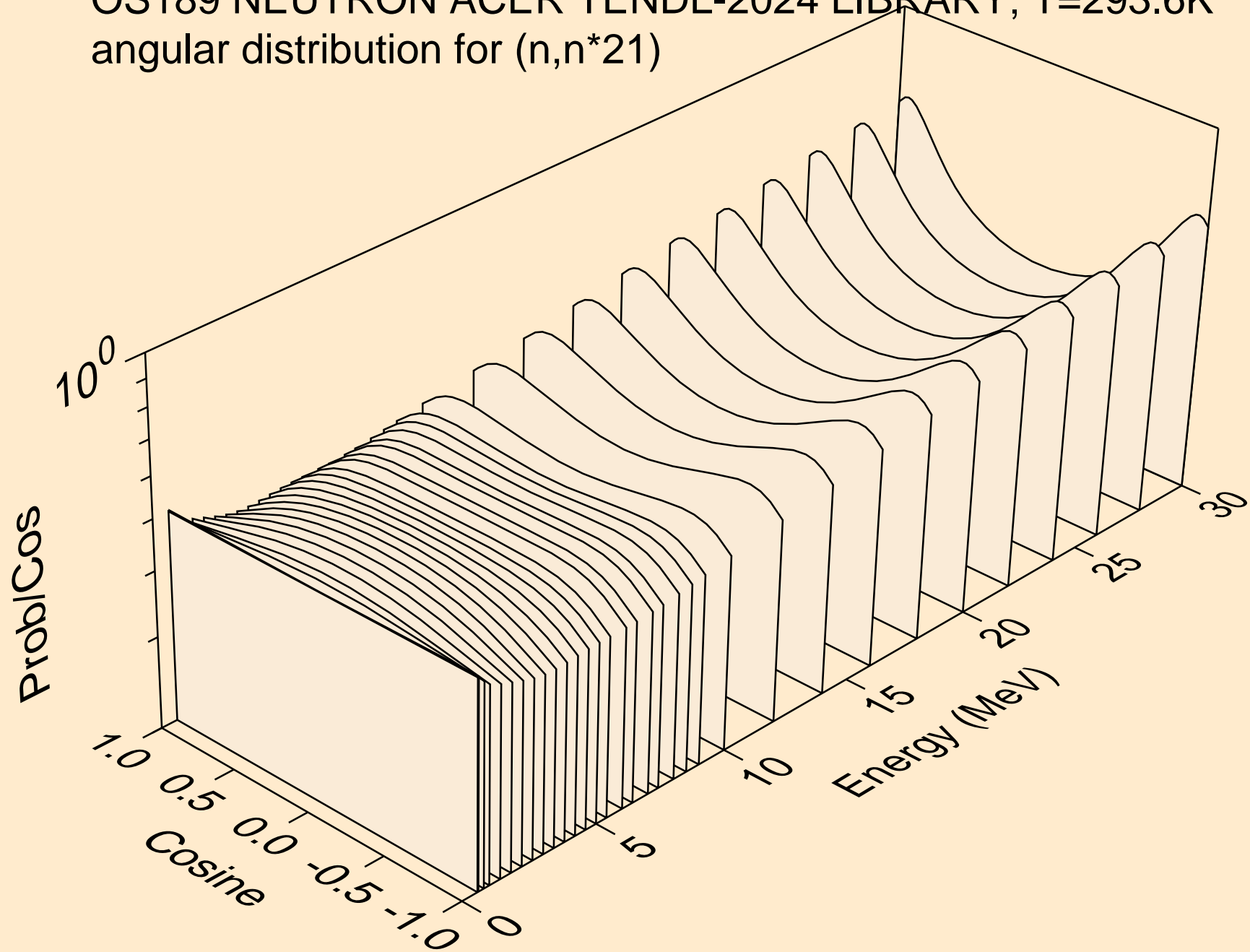
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



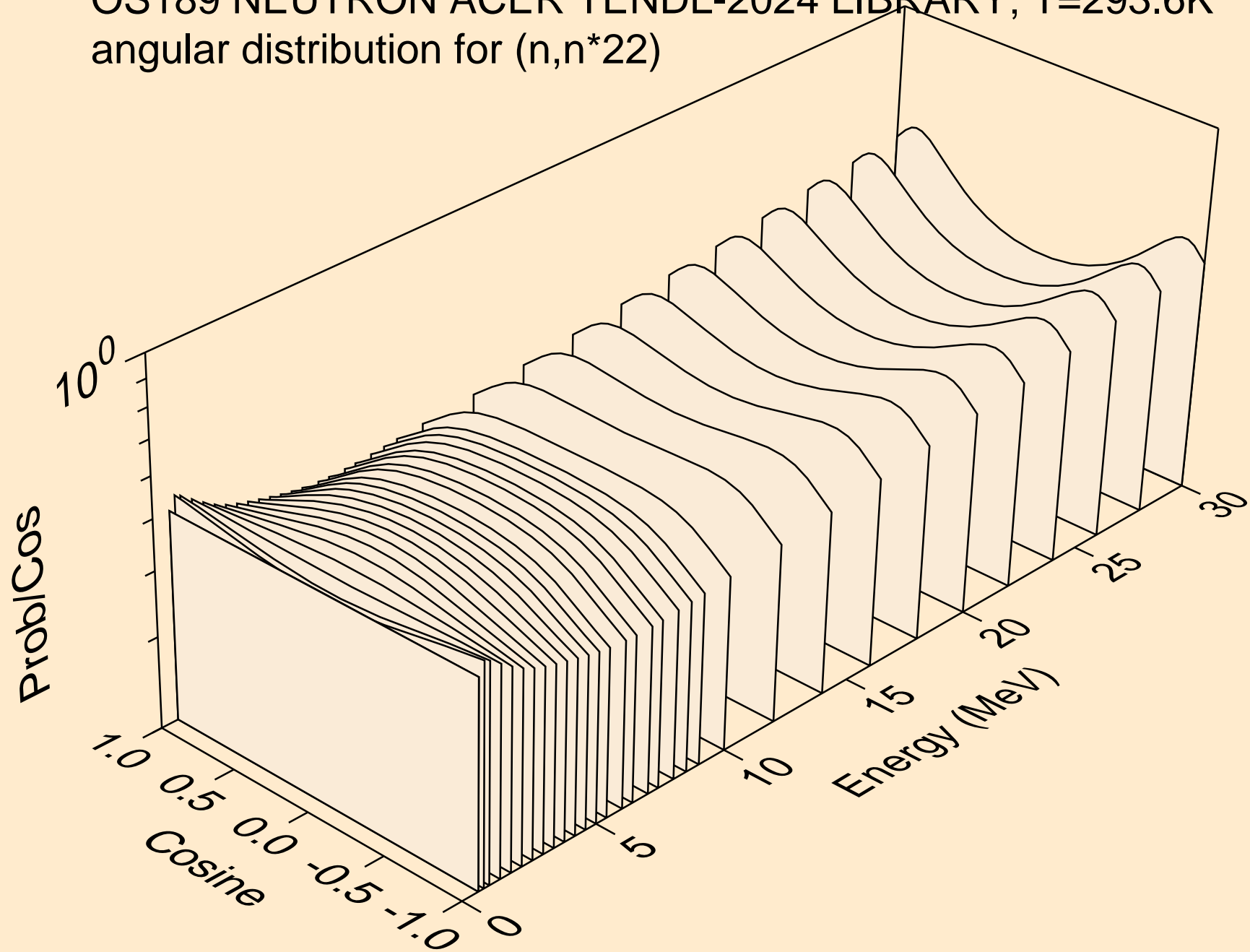
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



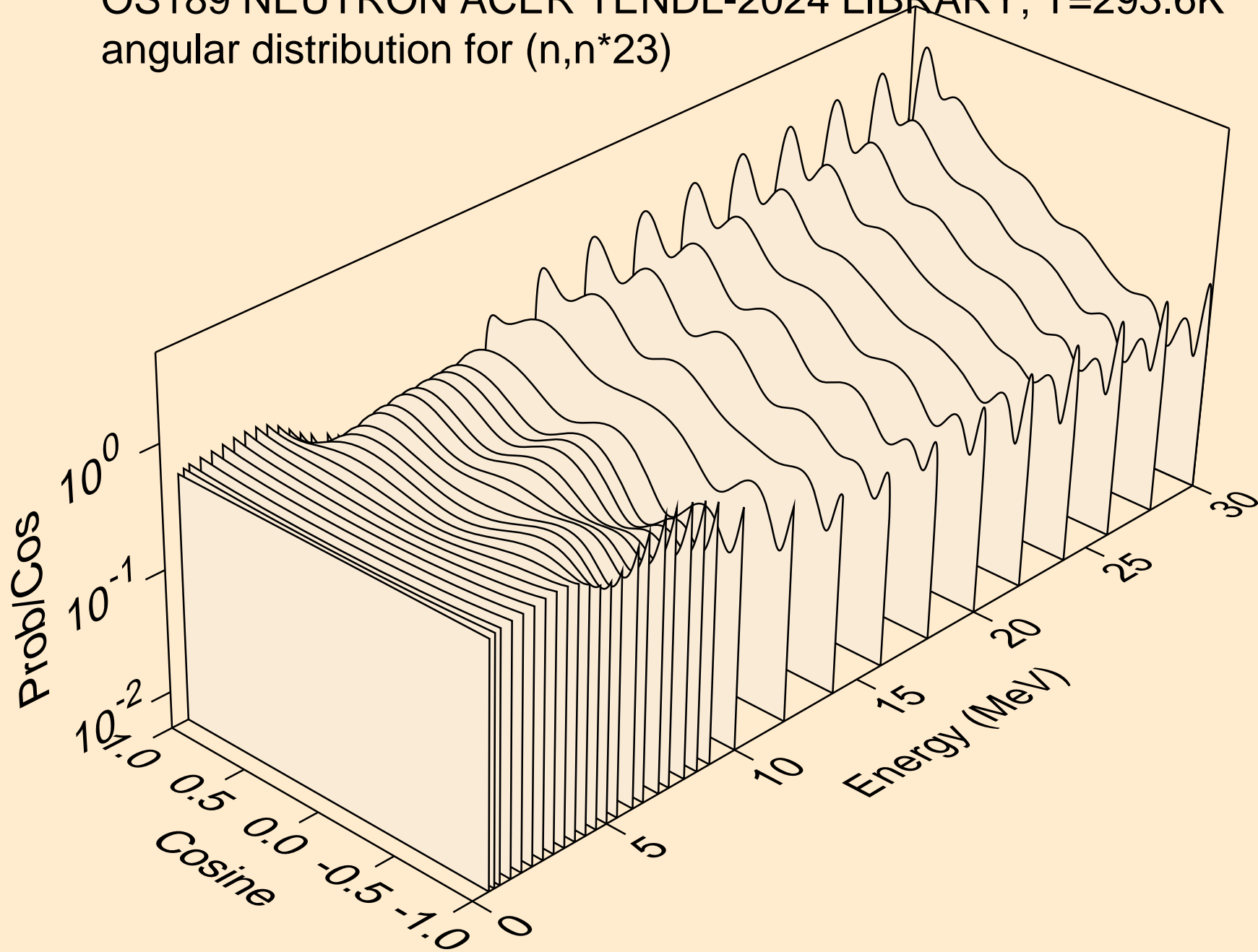
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angular distribution for (n,n*21)



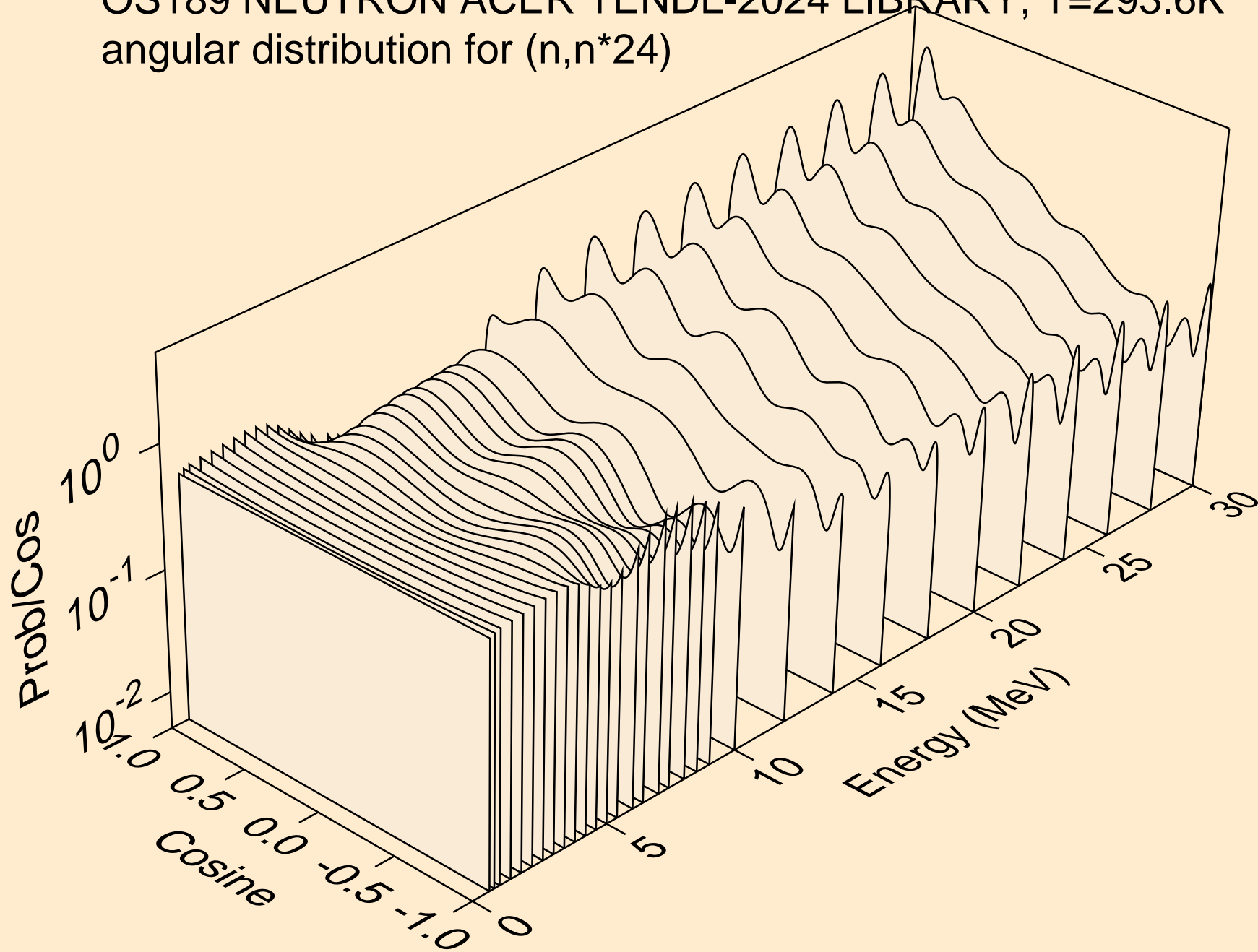
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angular distribution for (n,n*22)



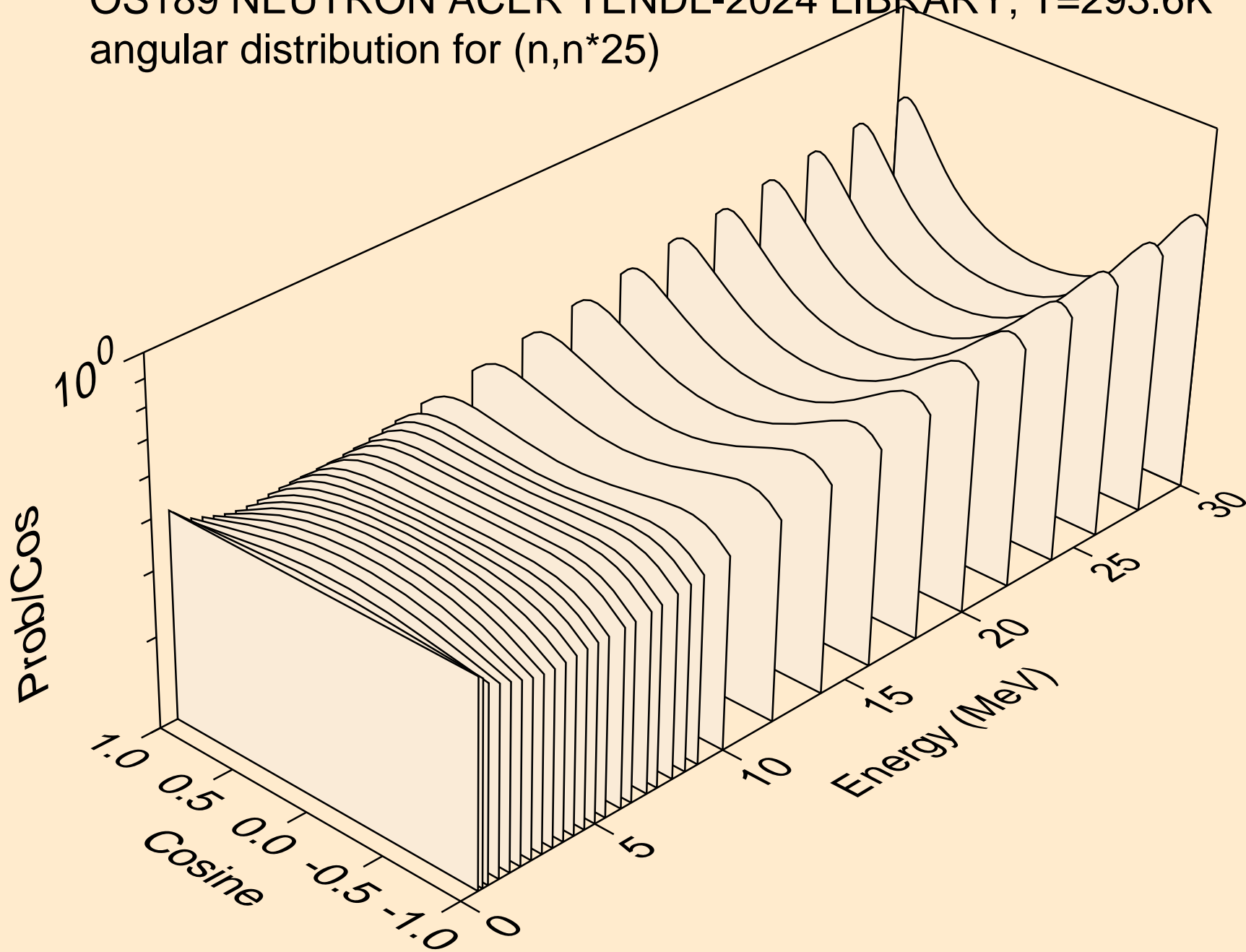
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angular distribution for (n,n*23)



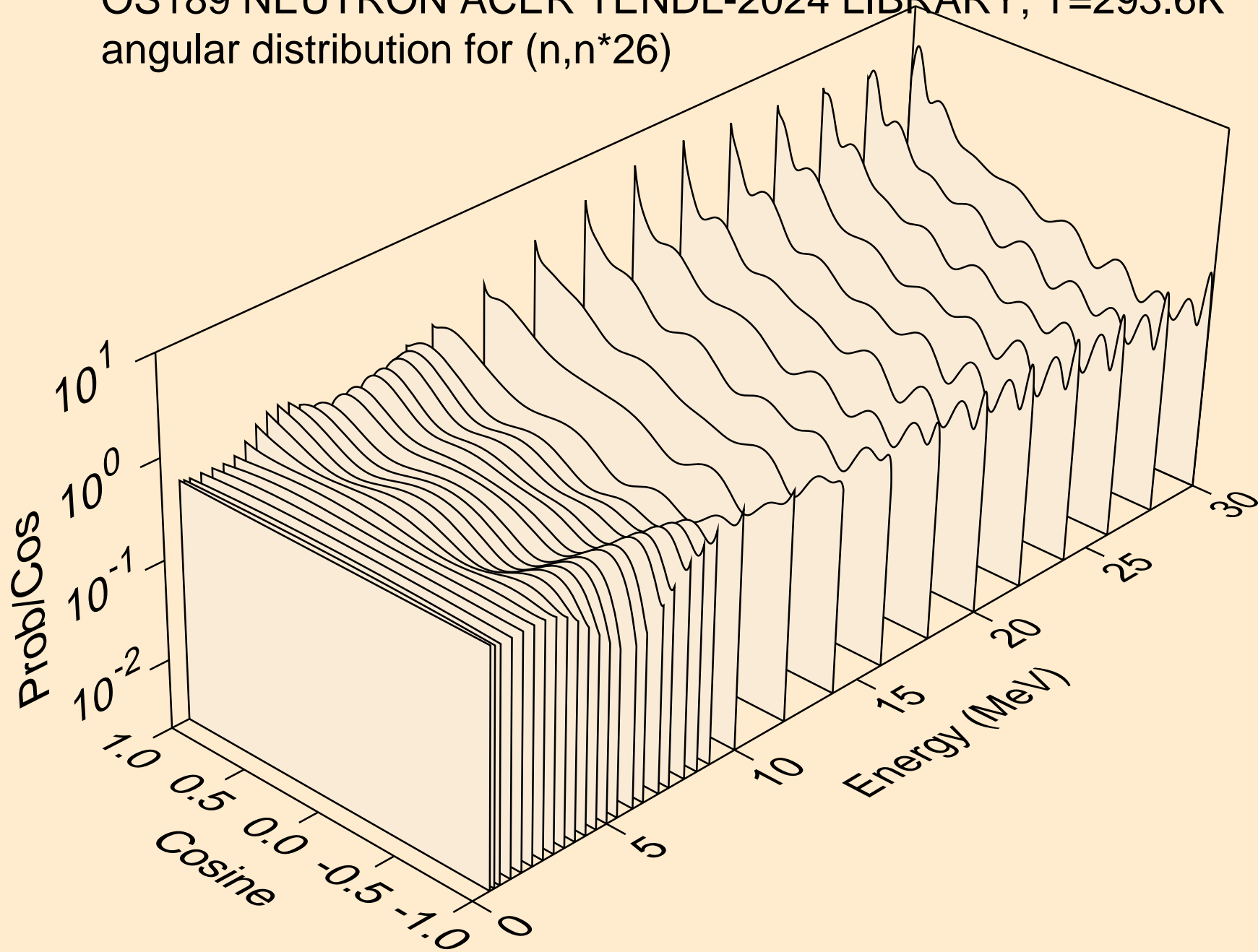
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



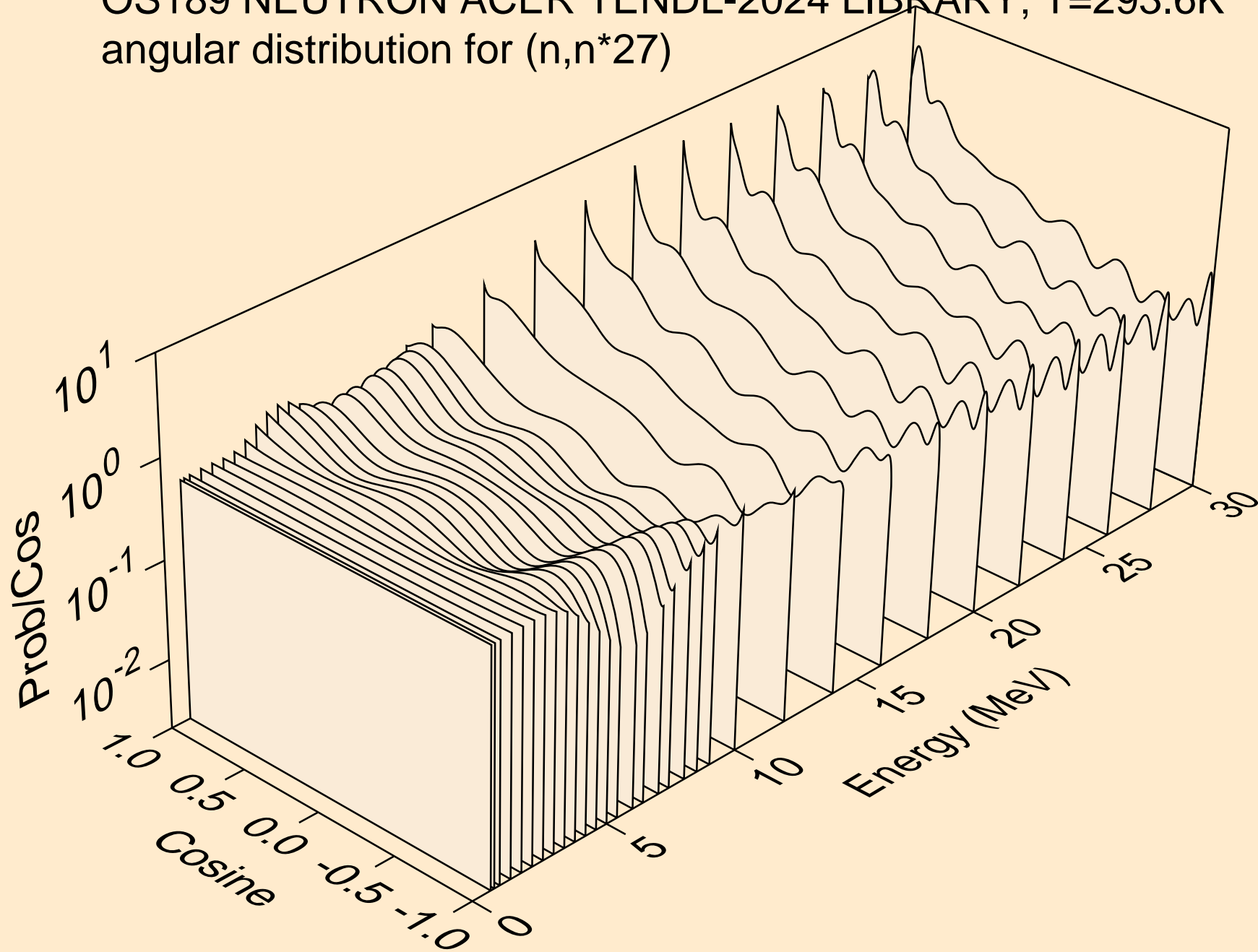
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



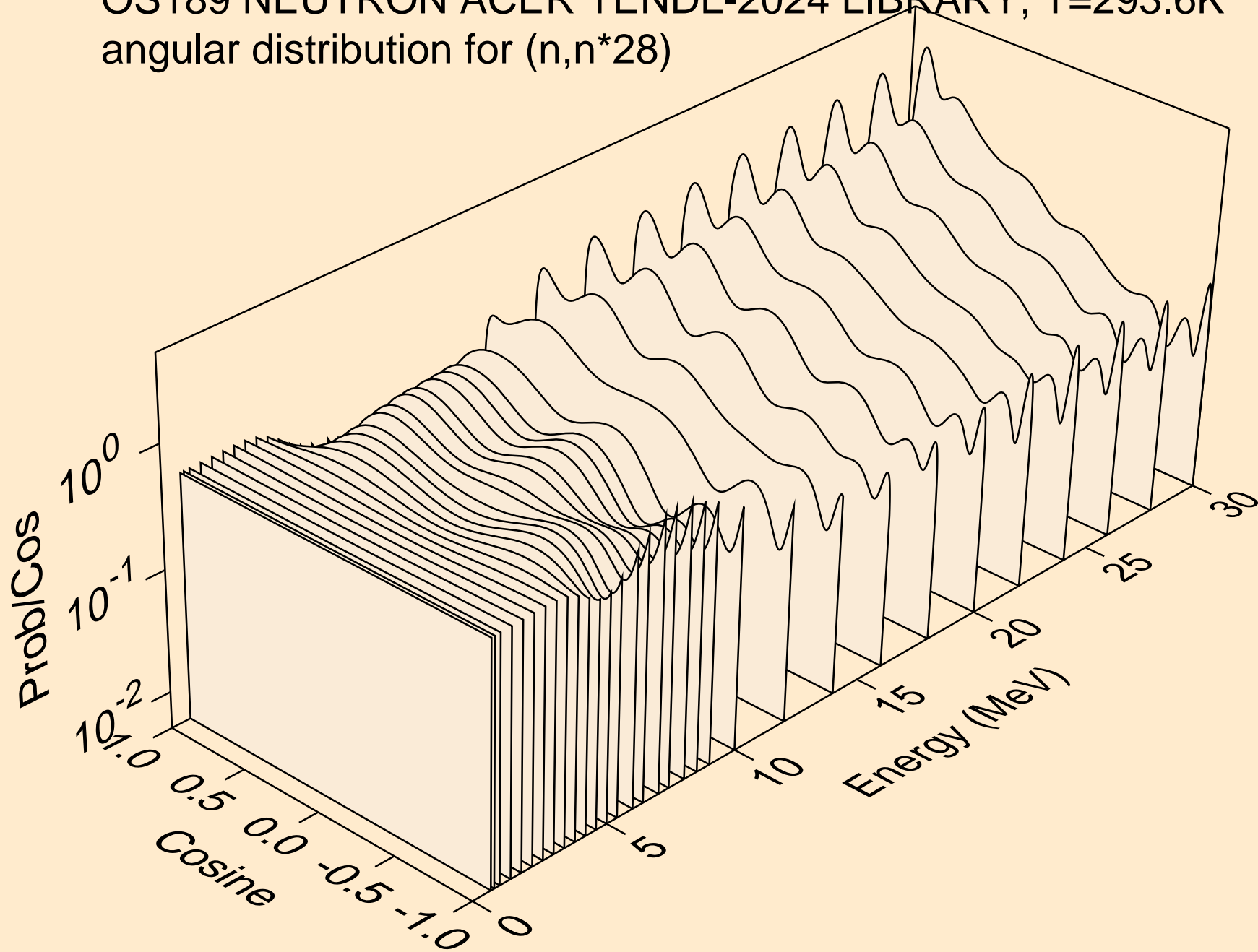
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



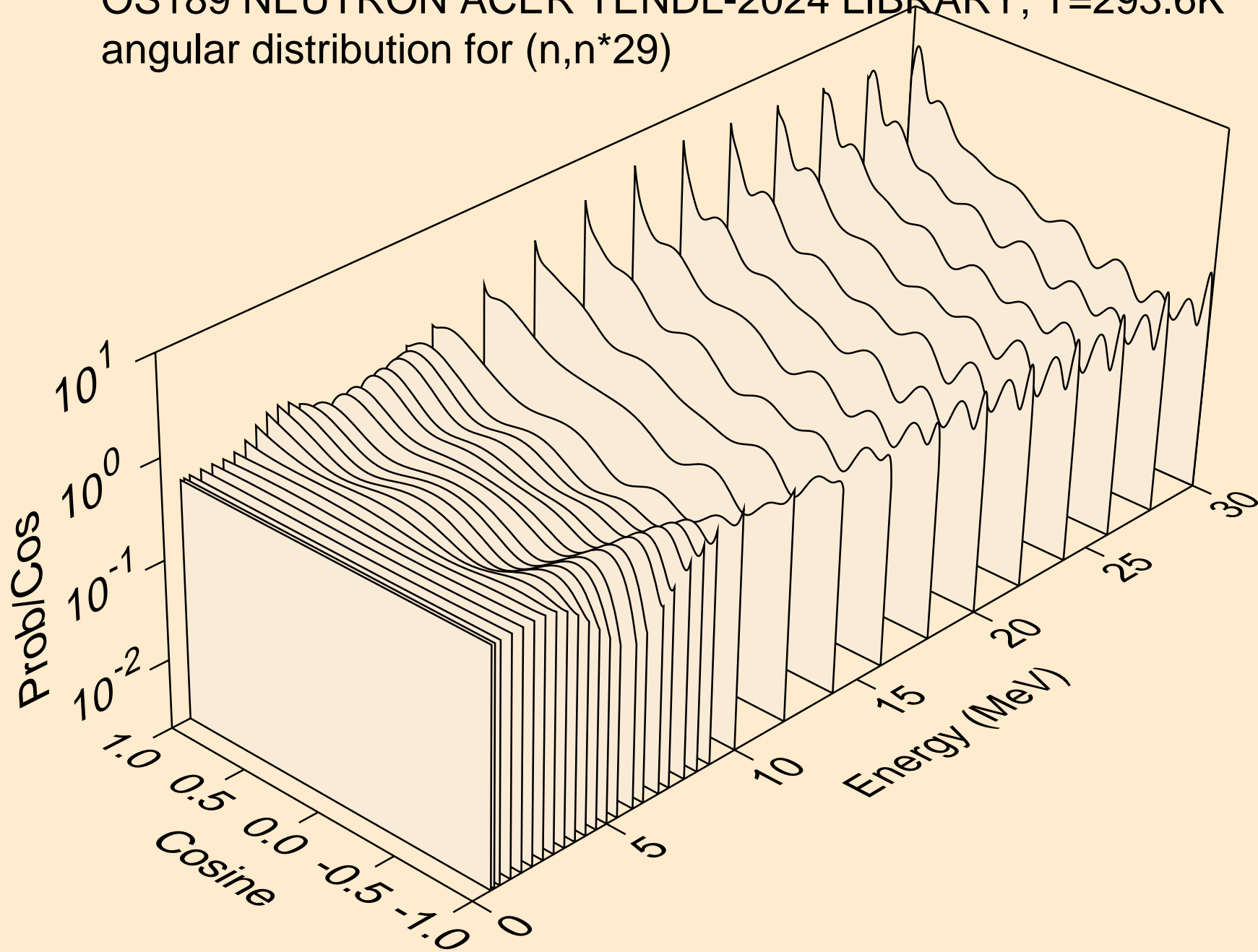
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angular distribution for (n,n*27)



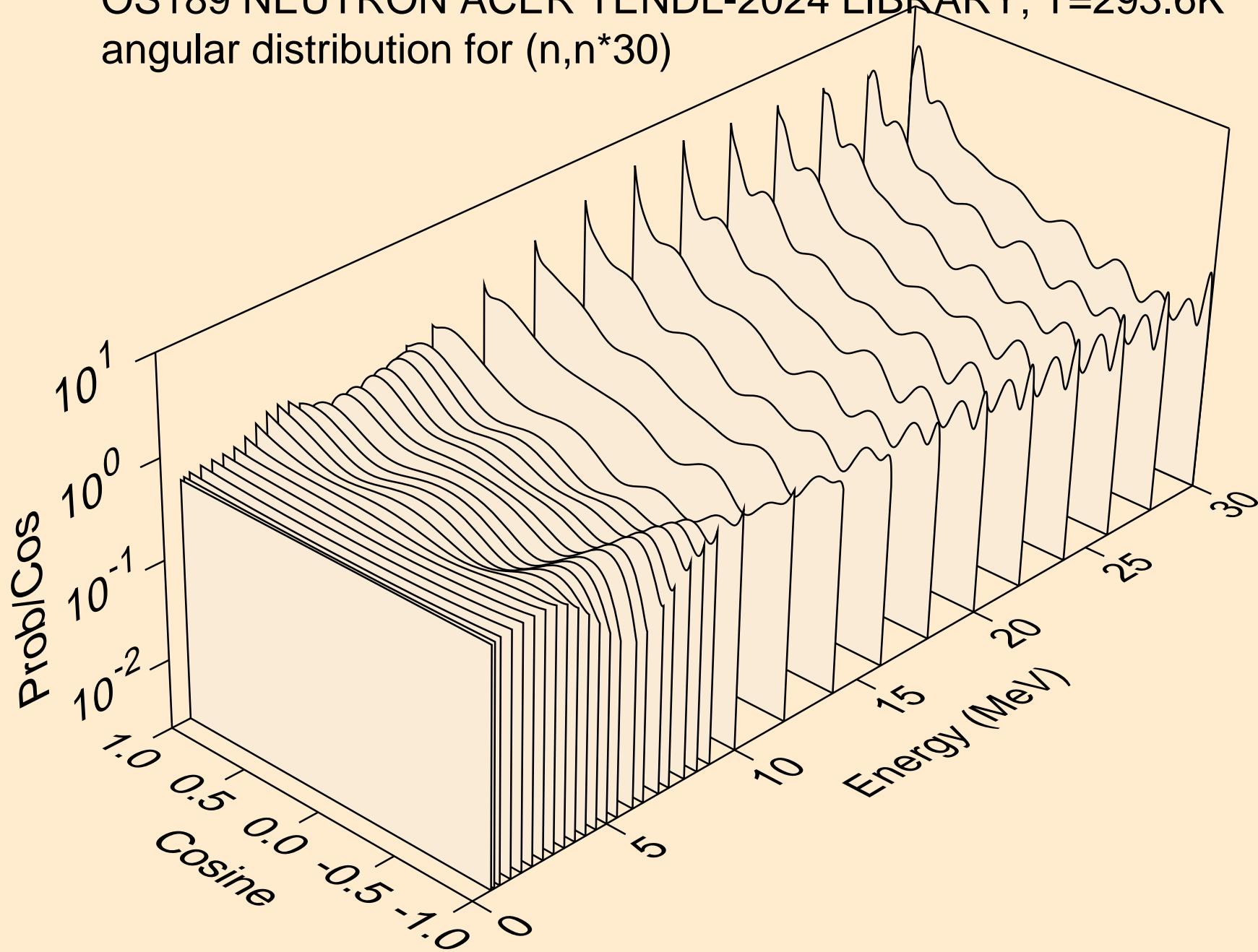
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



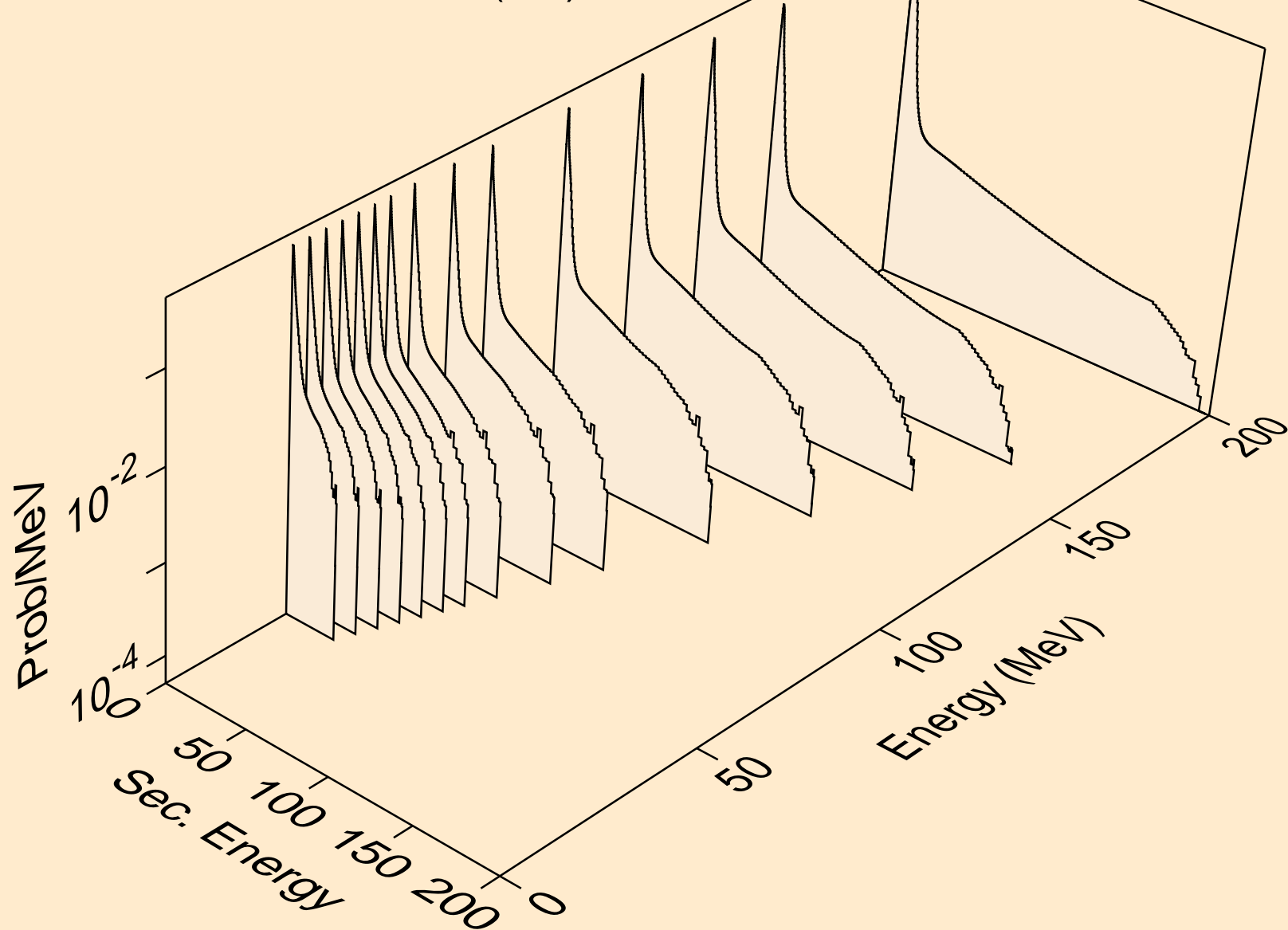
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*29)



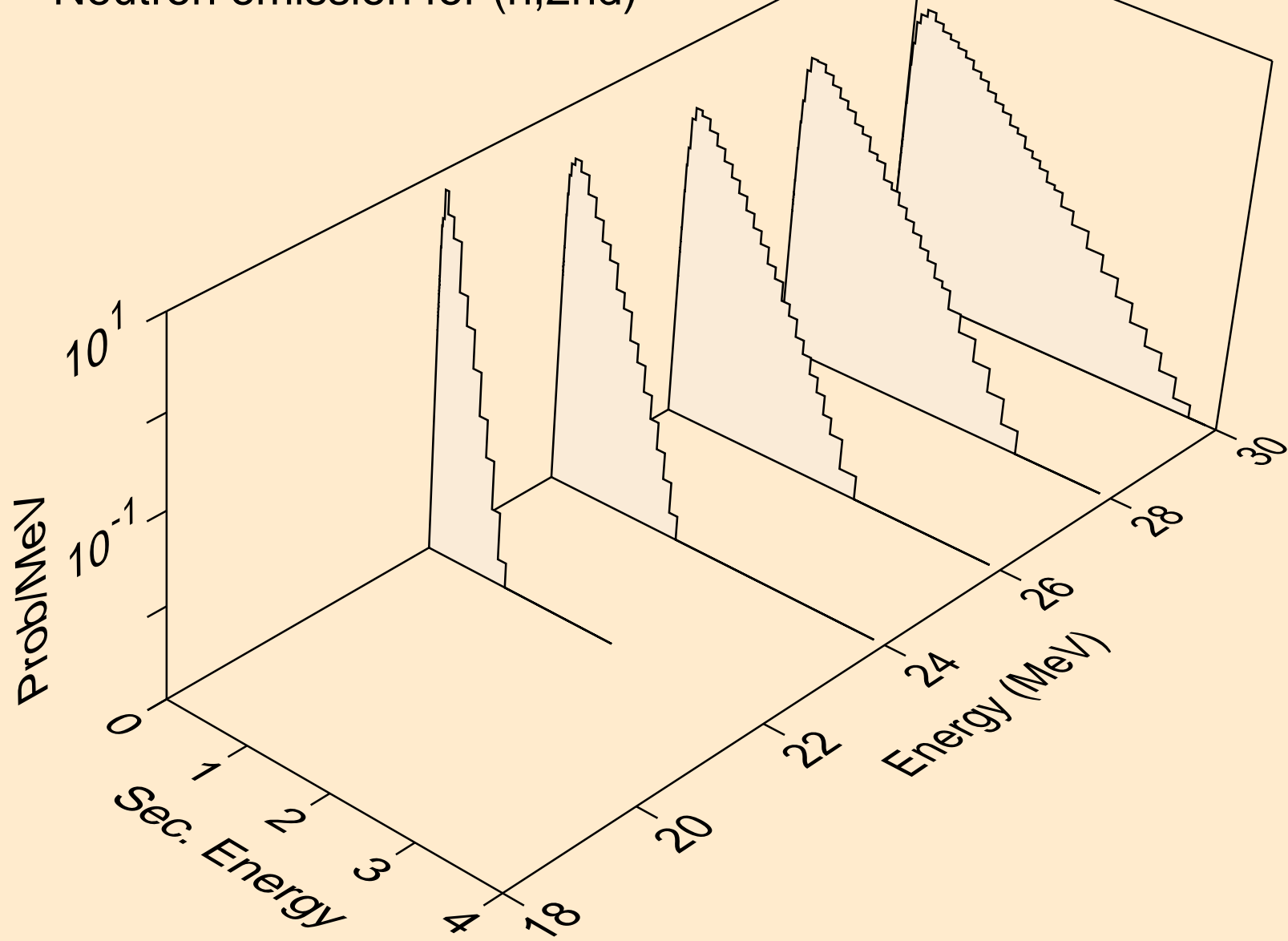
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*30)



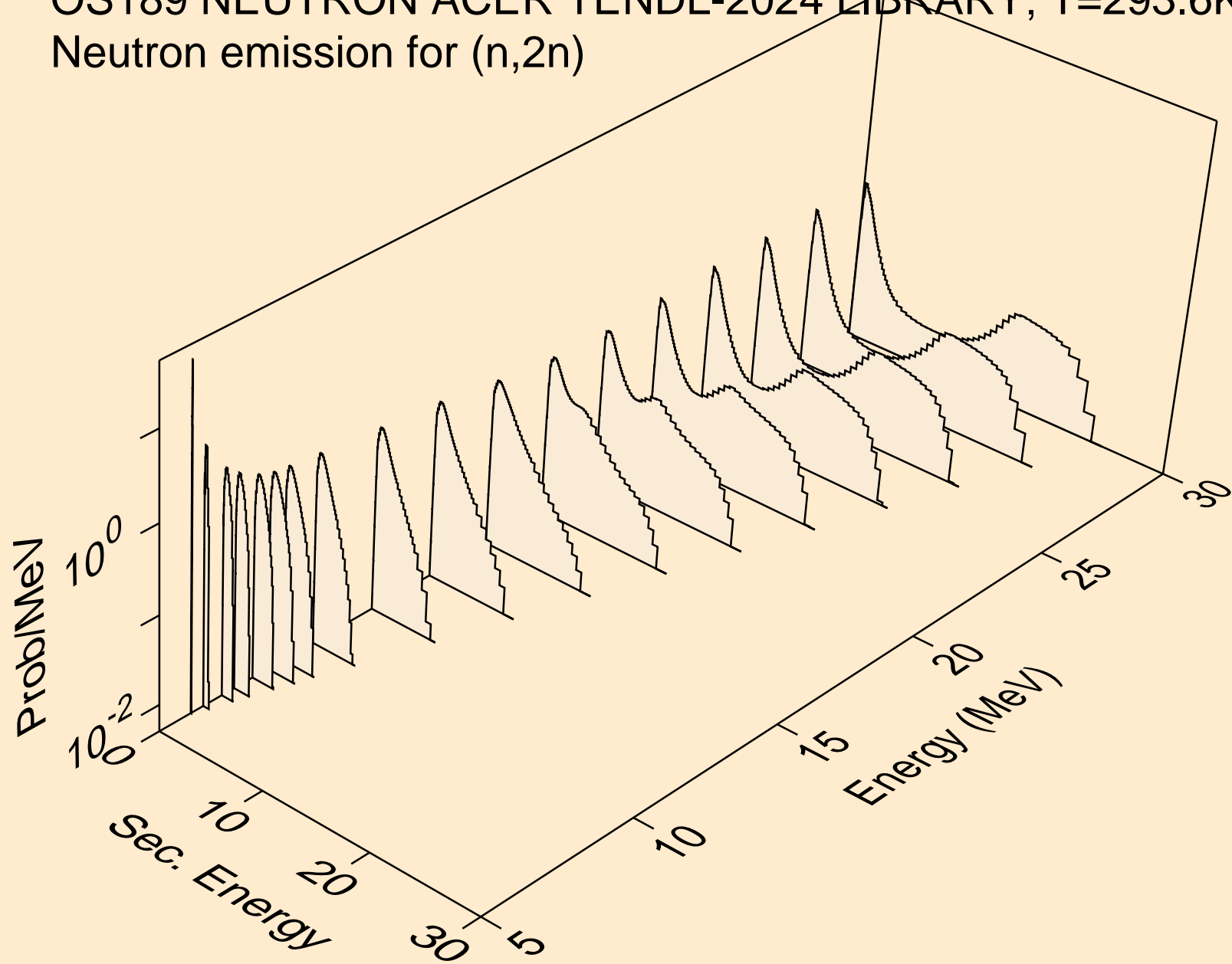
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



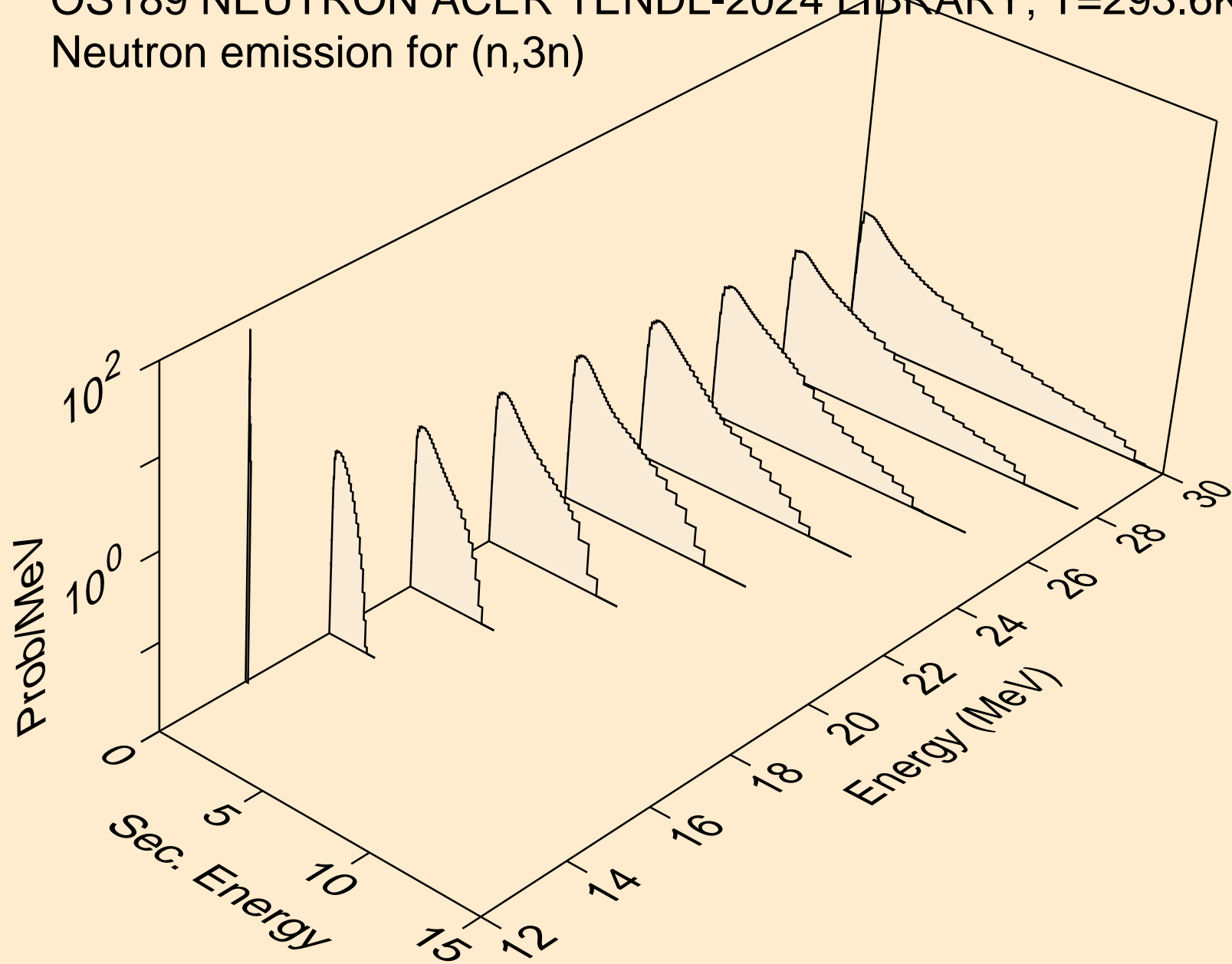
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



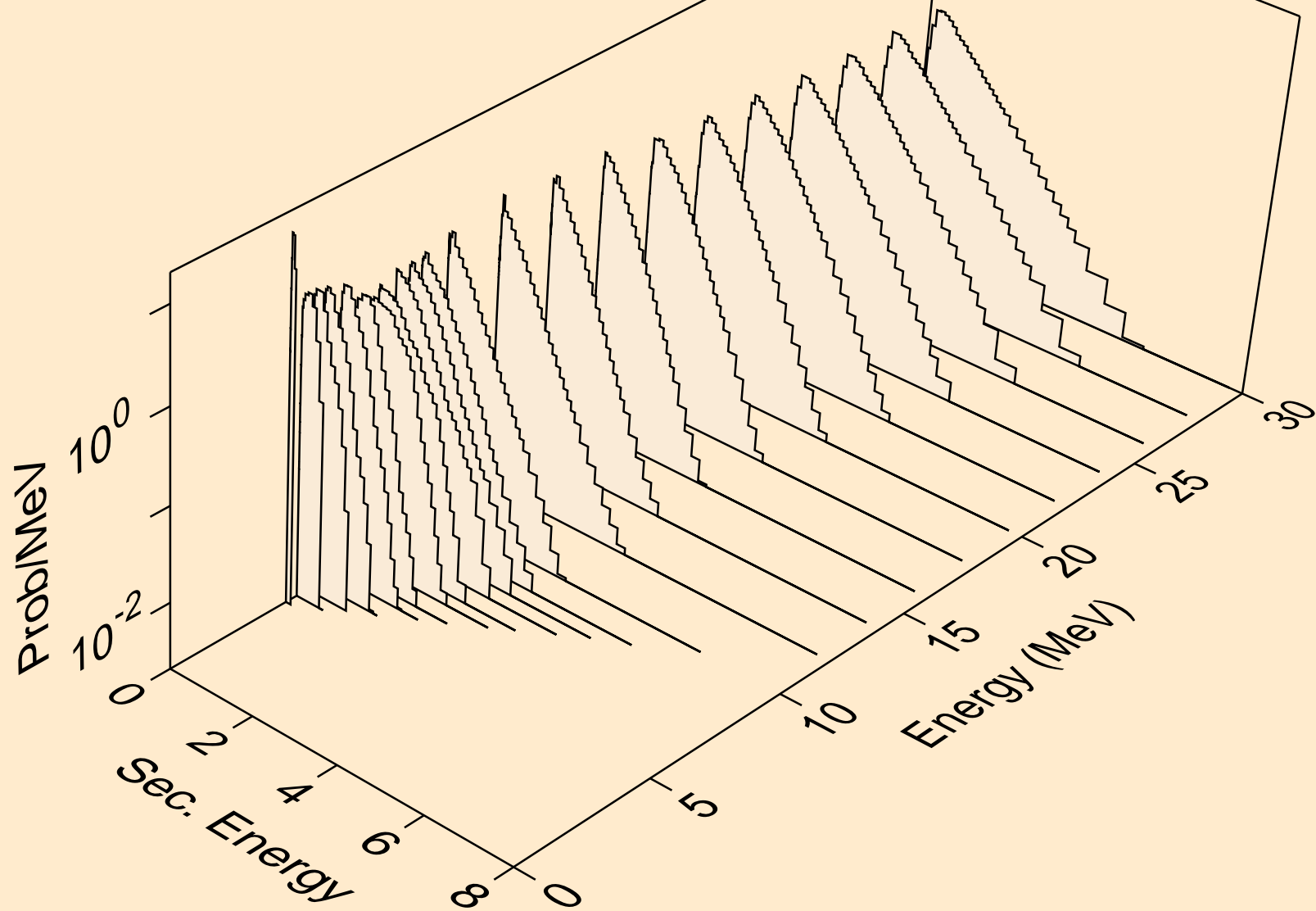
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



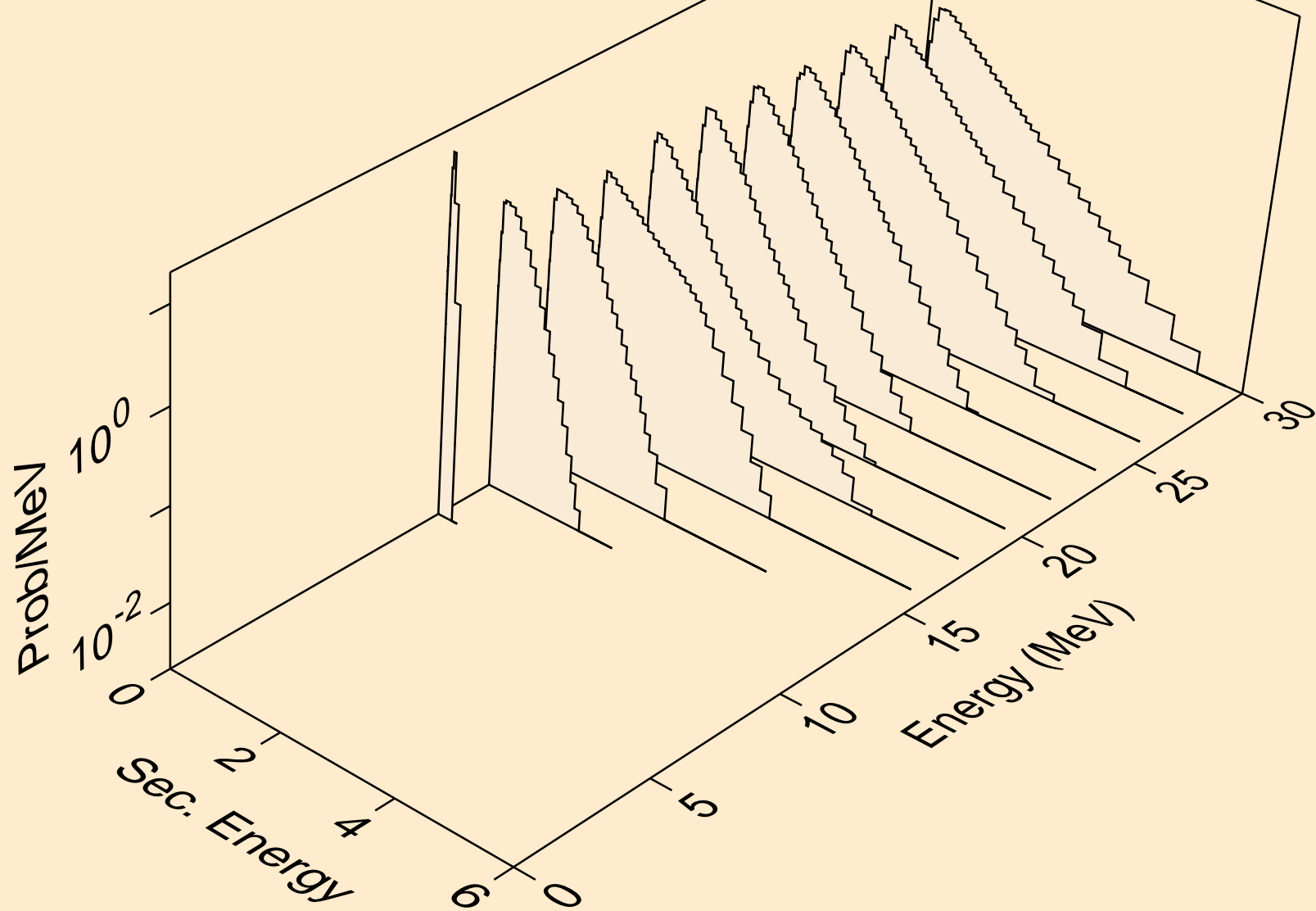
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



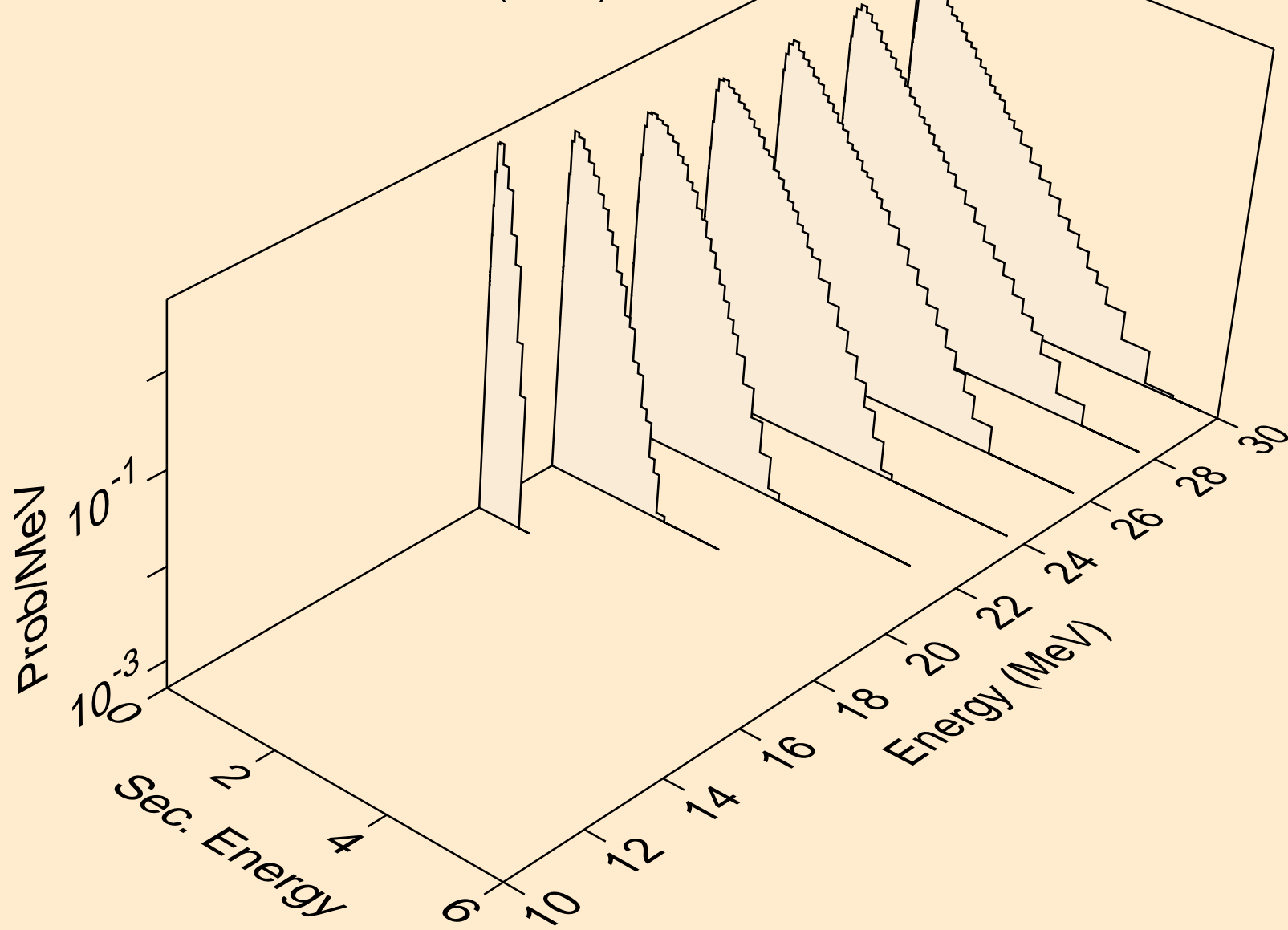
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



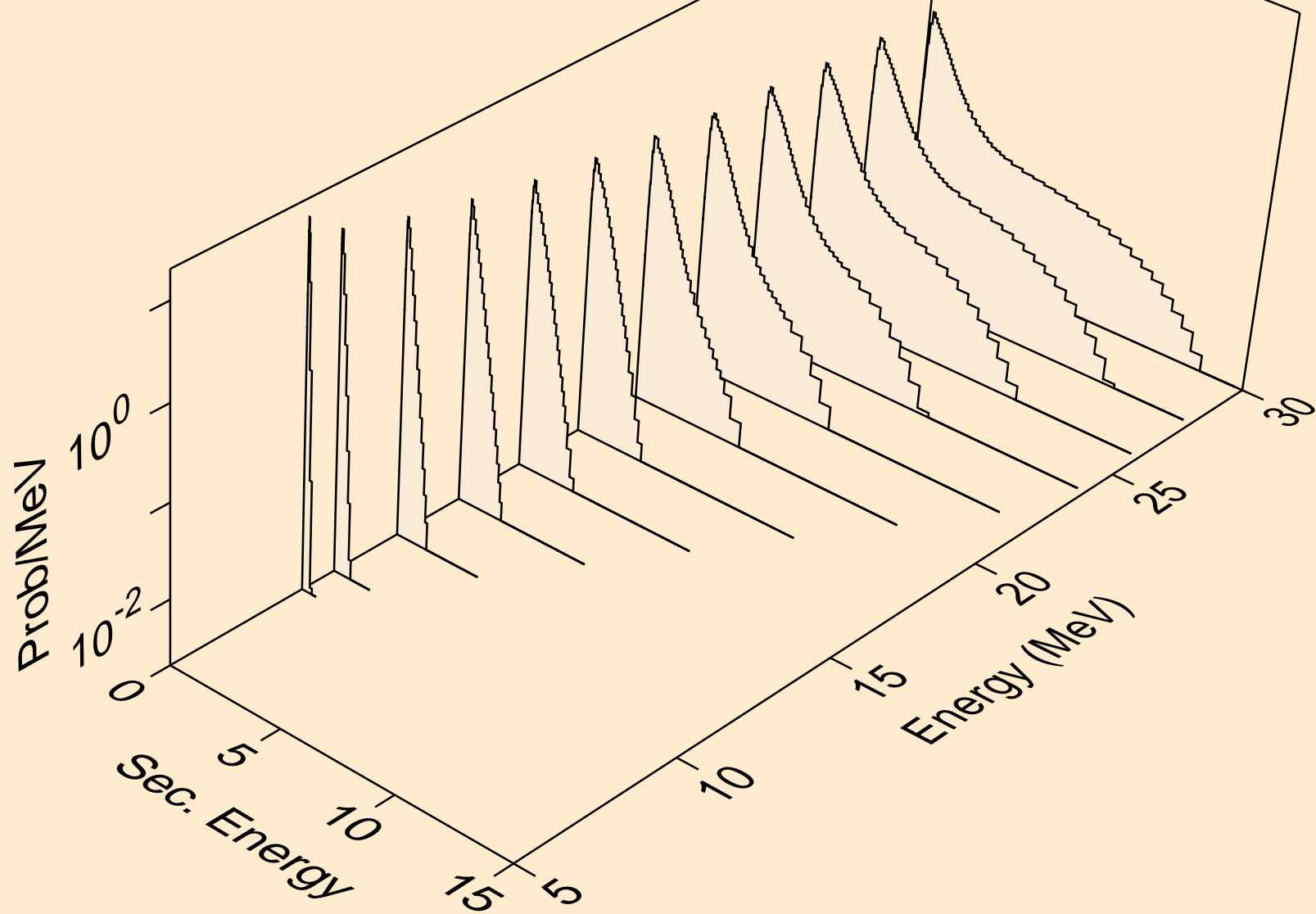
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)a



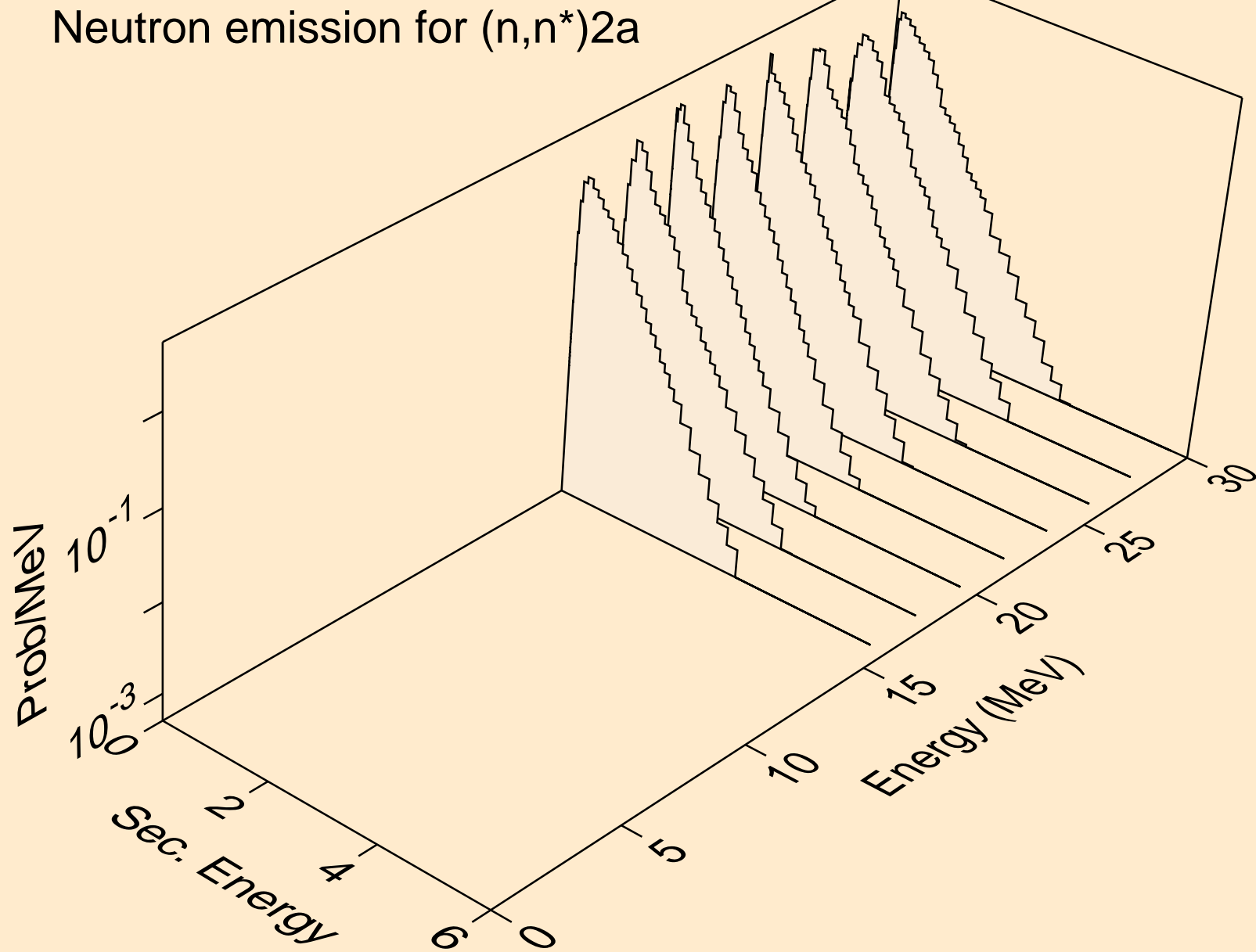
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)_a



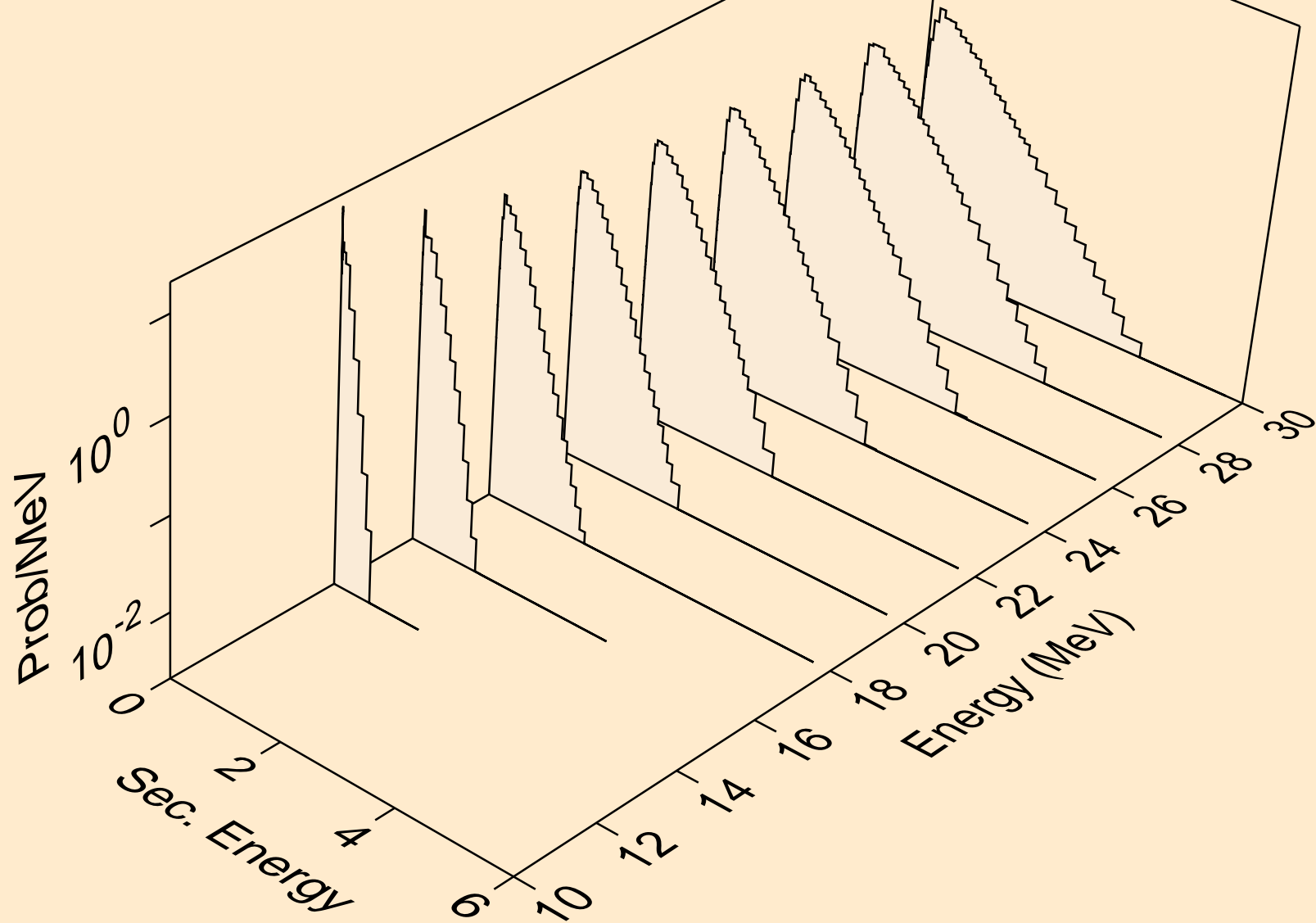
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



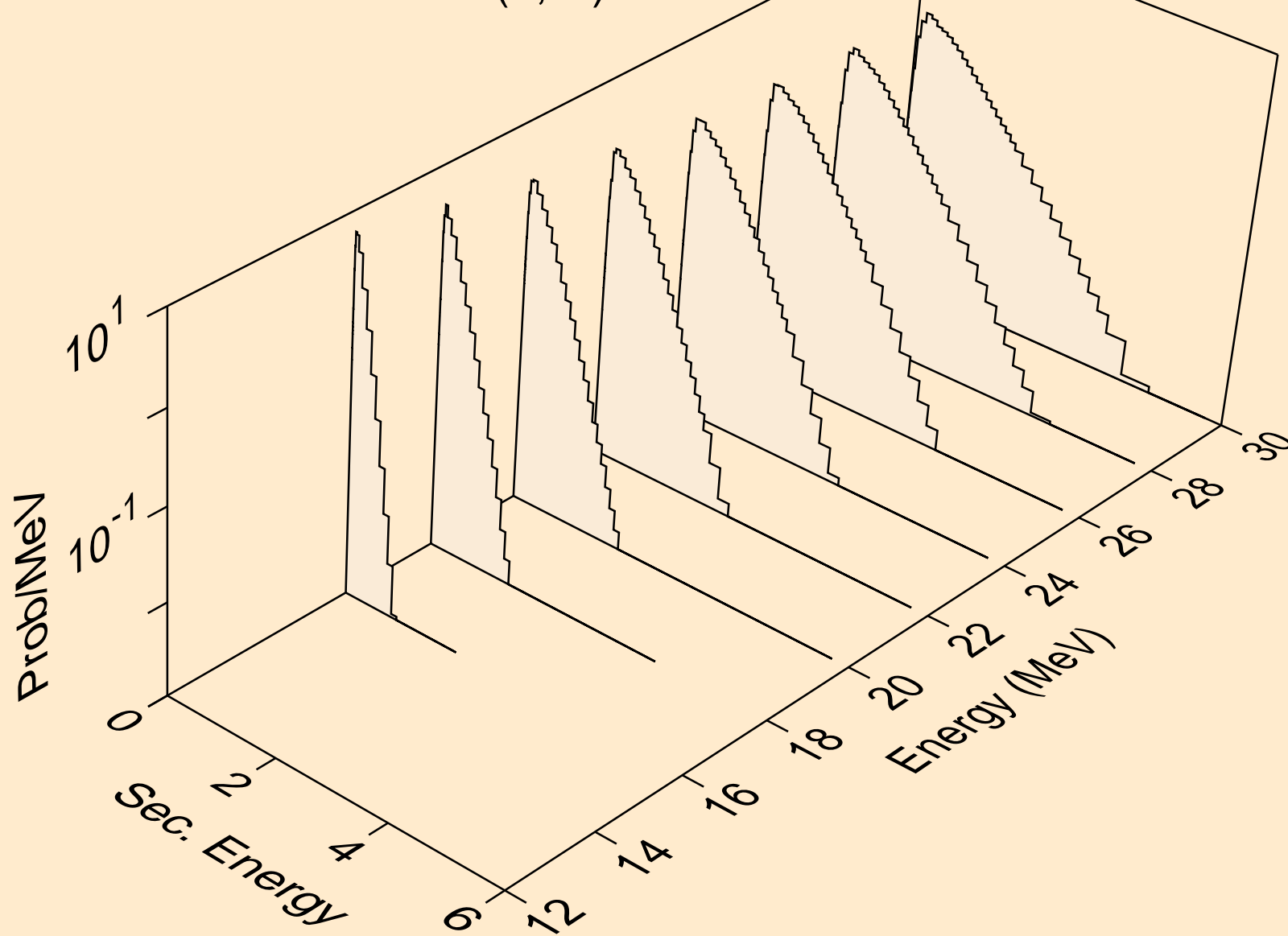
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



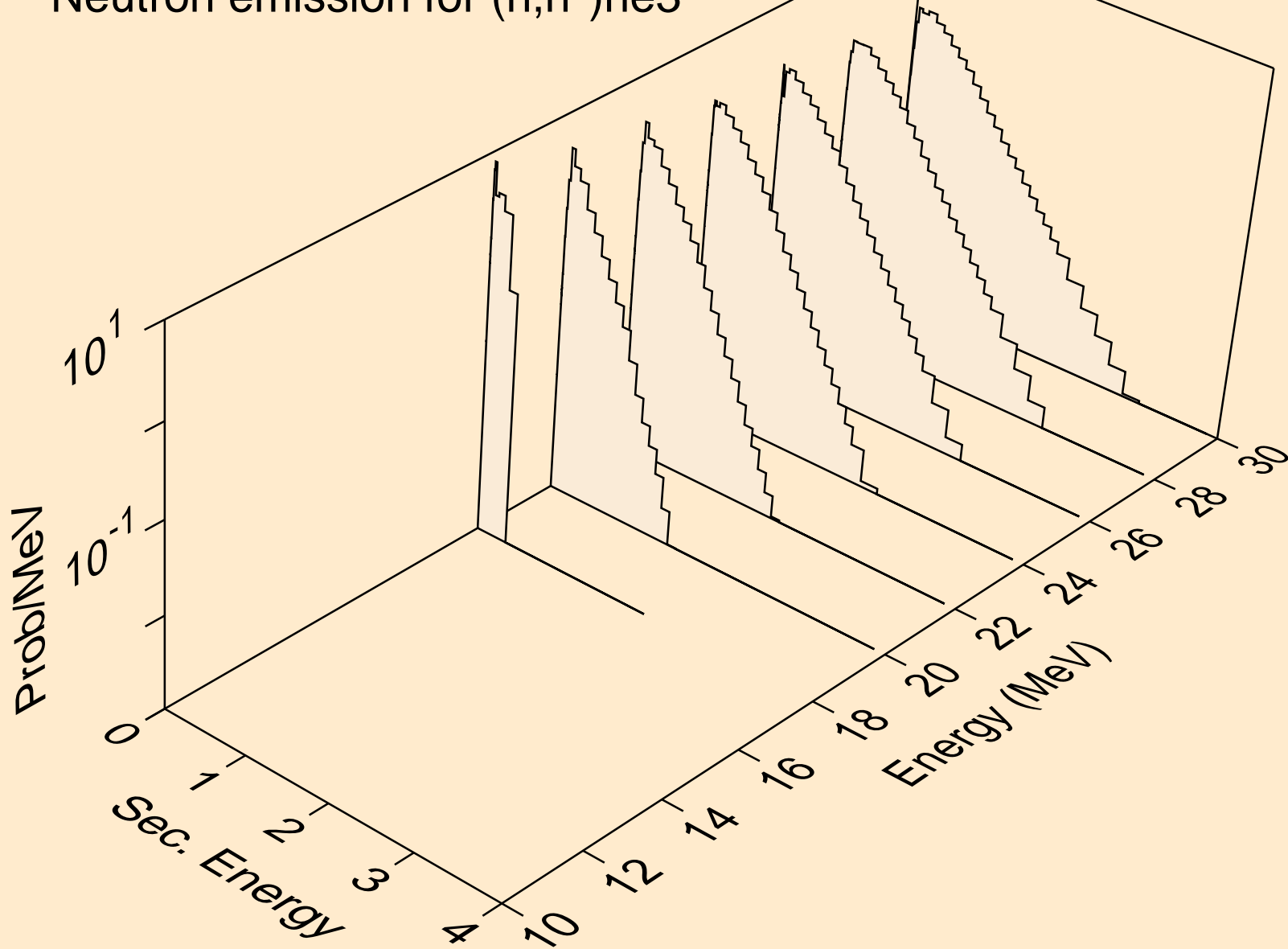
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



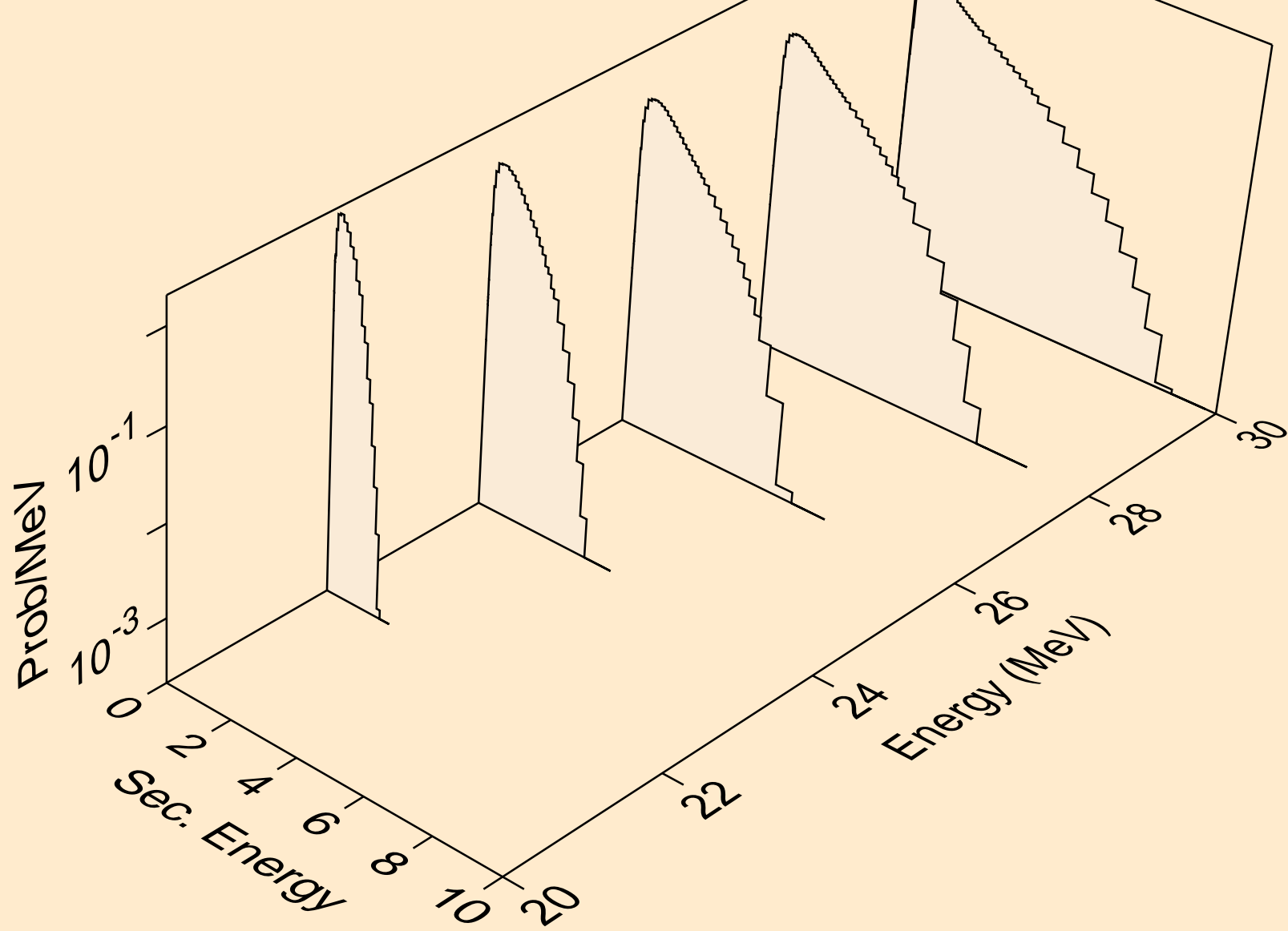
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



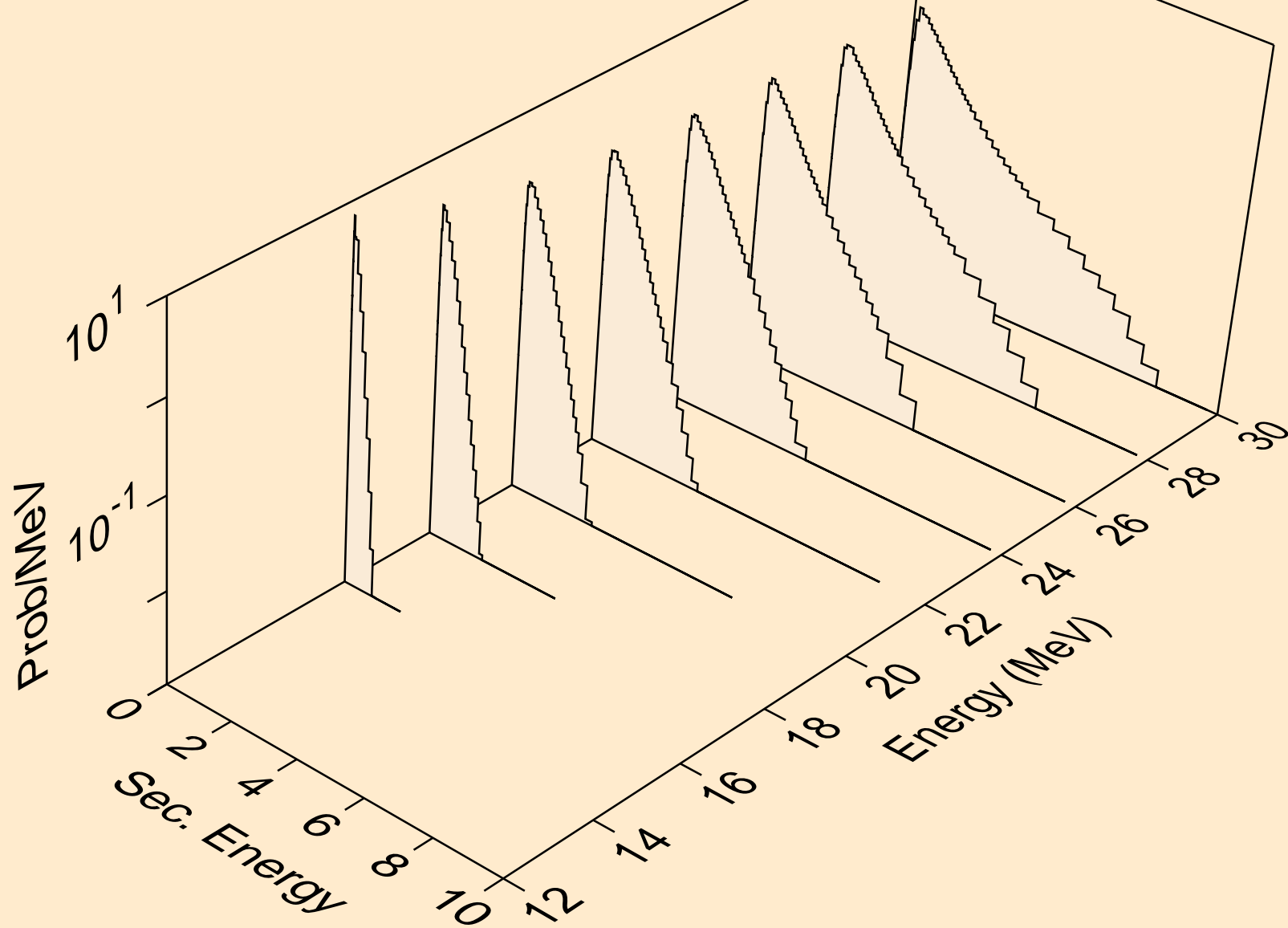
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



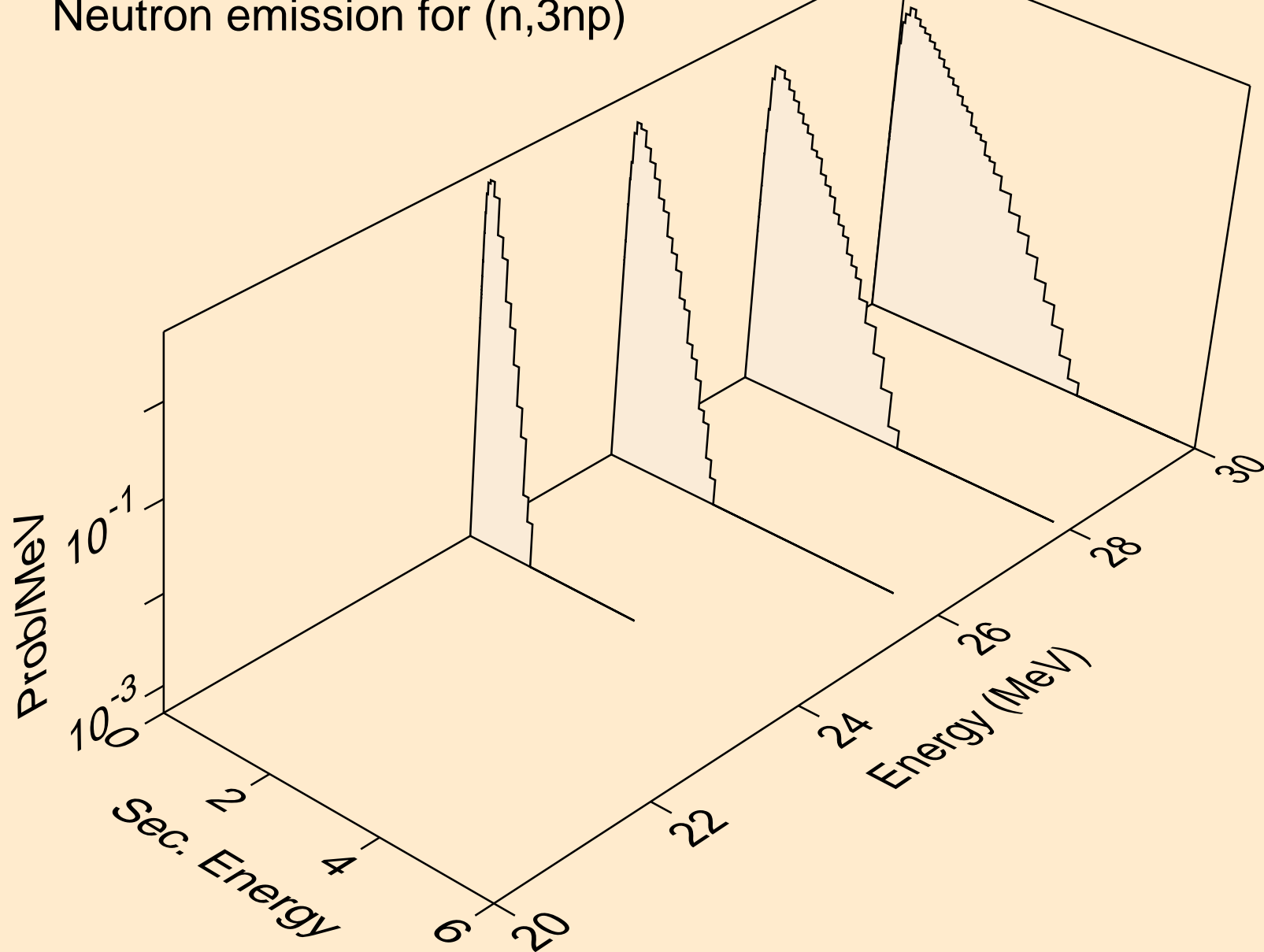
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



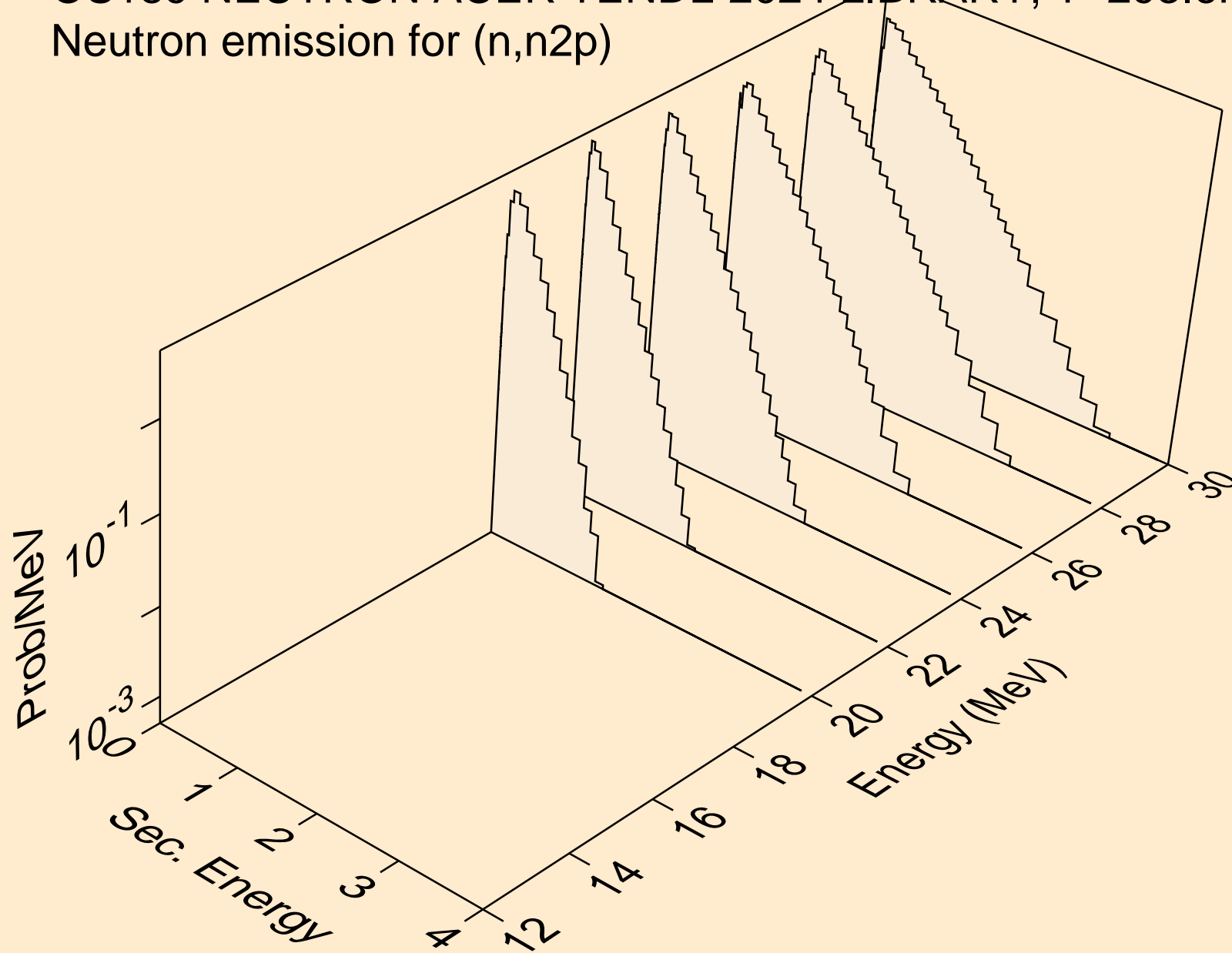
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



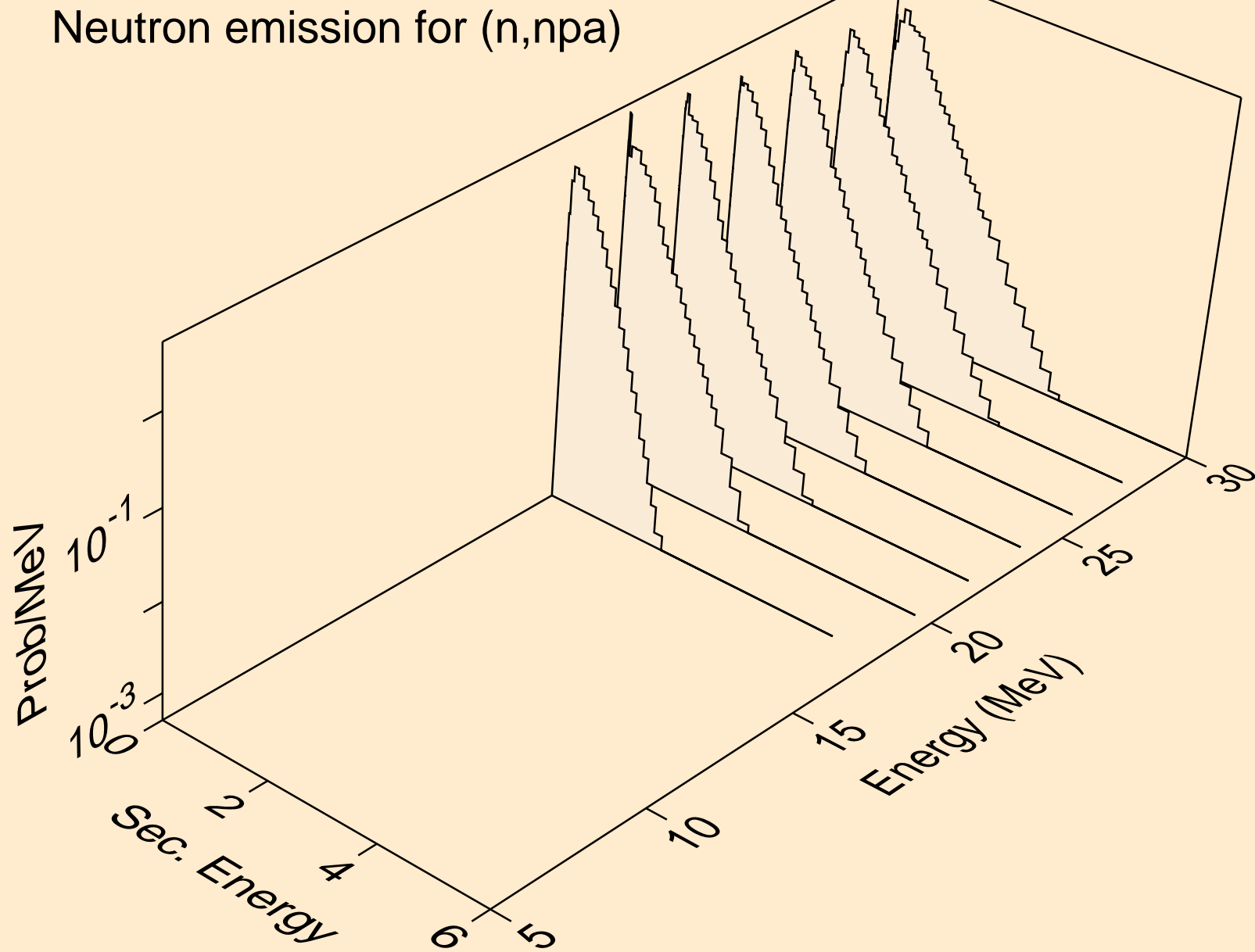
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



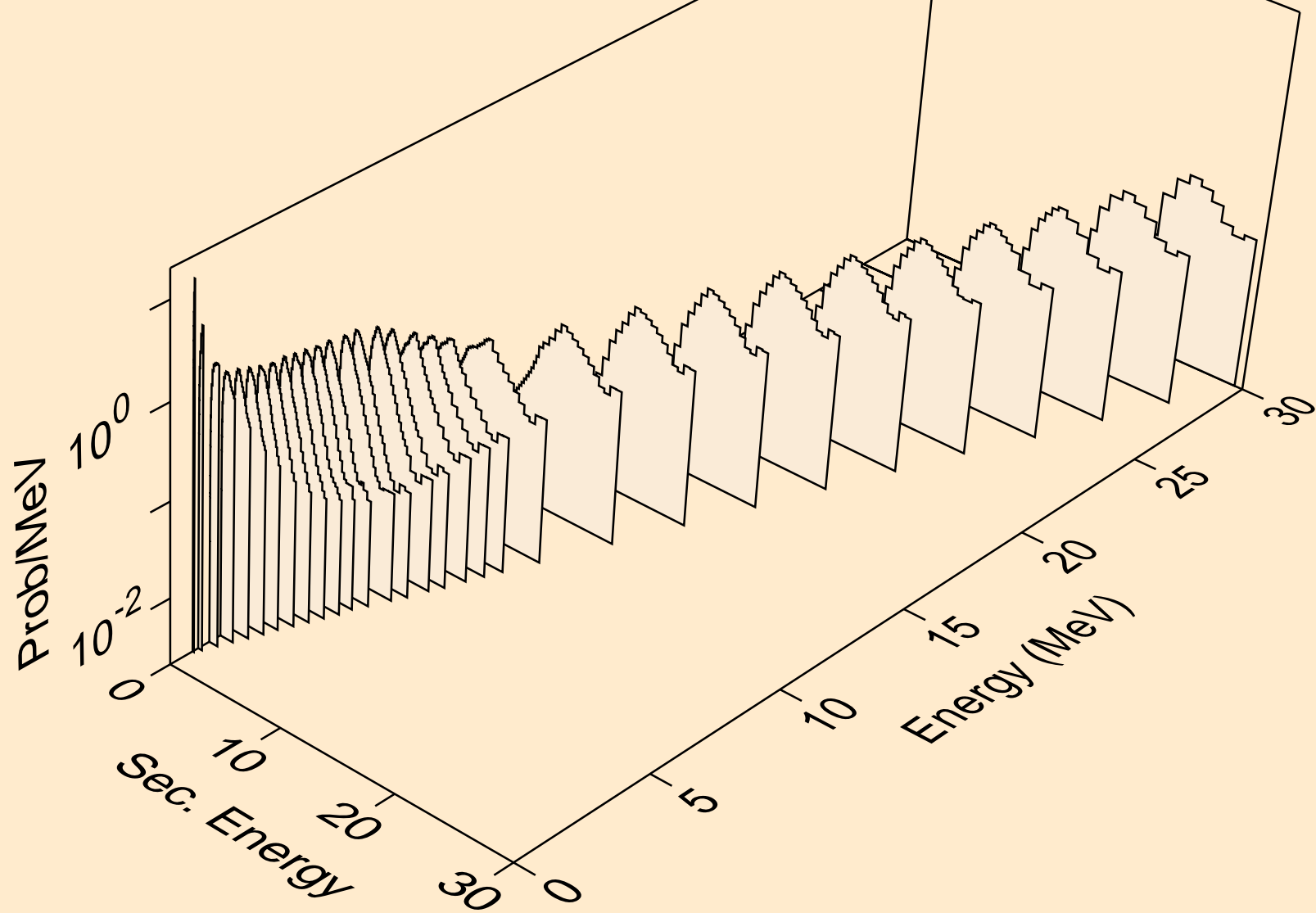
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



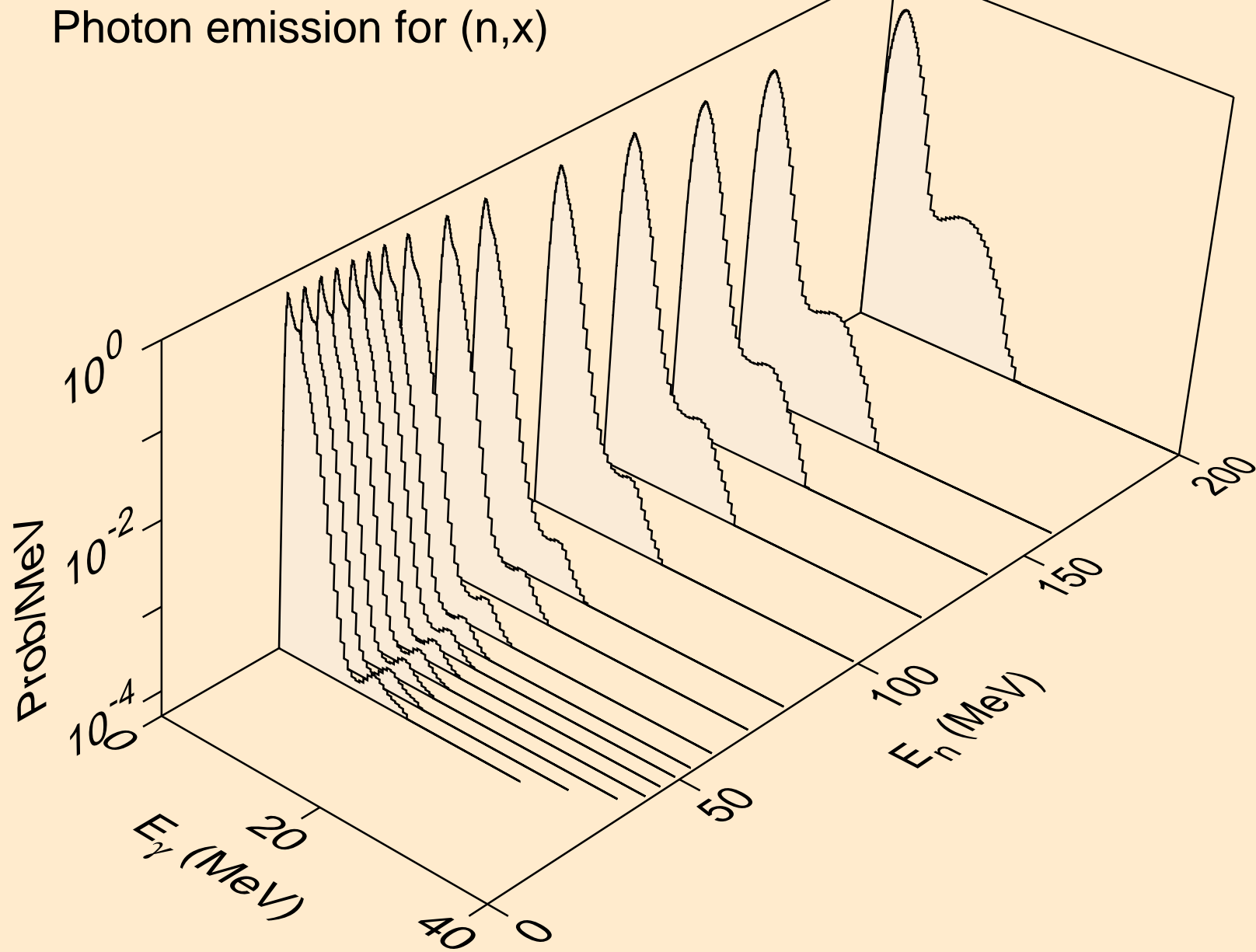
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



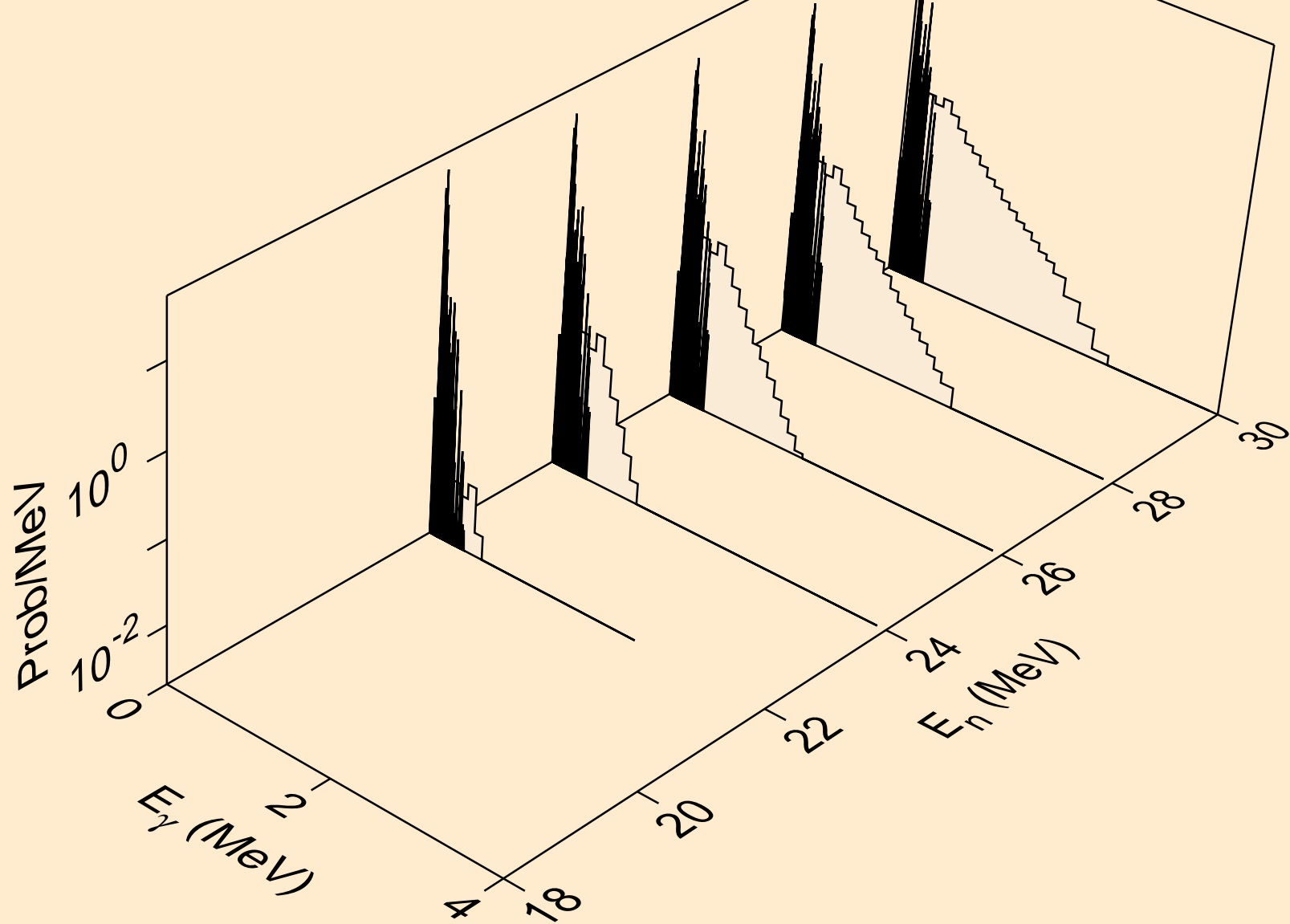
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



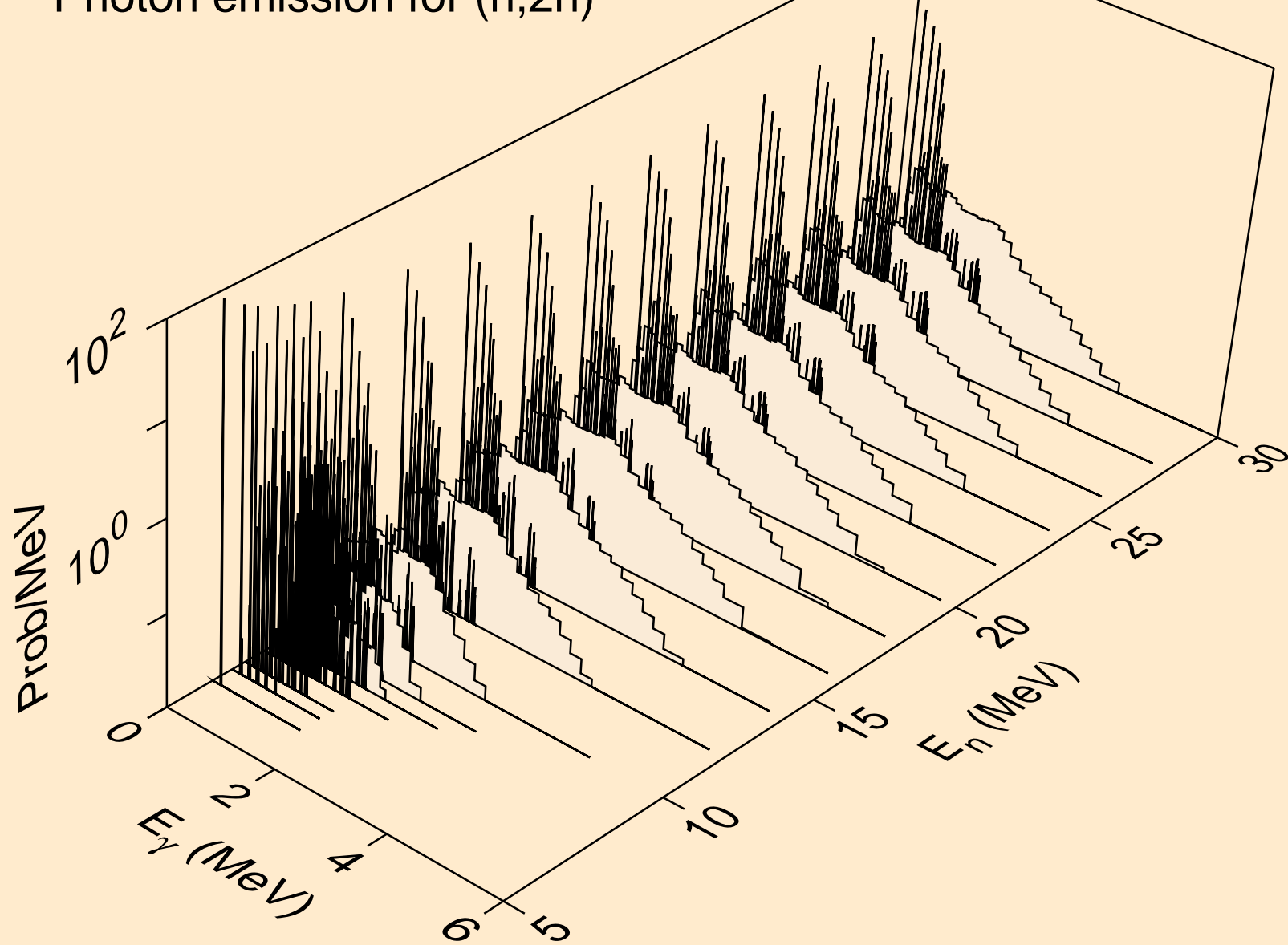
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



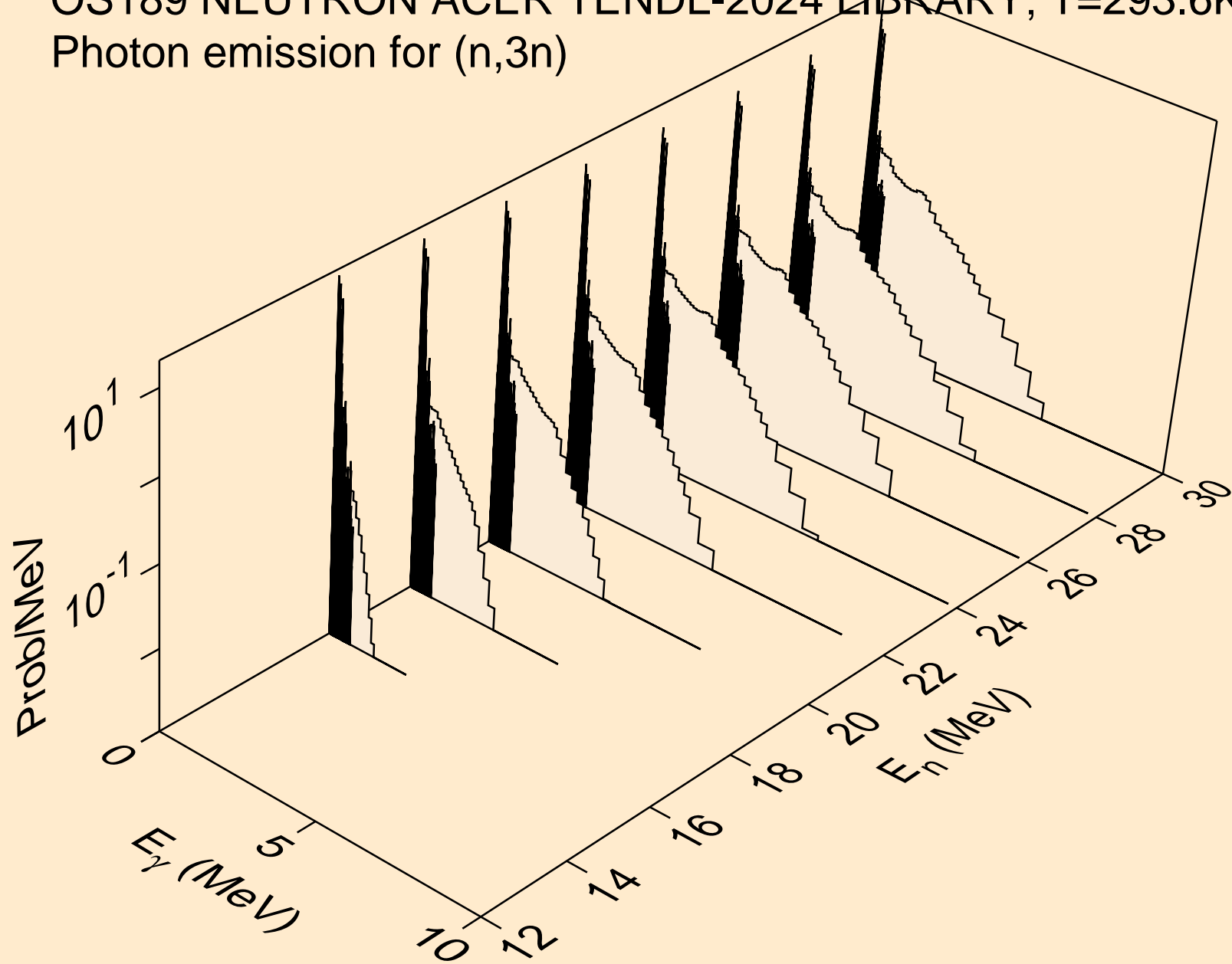
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



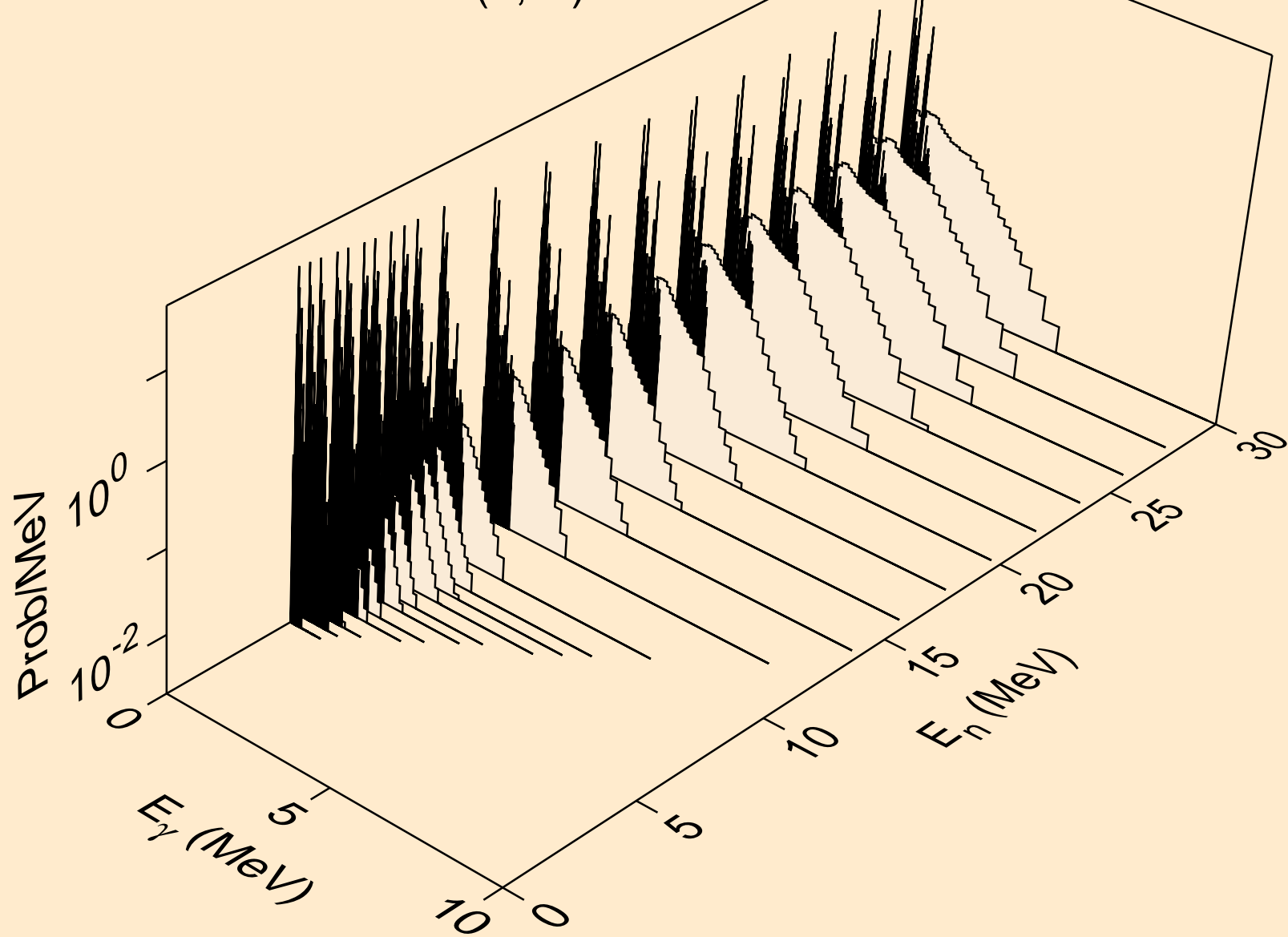
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



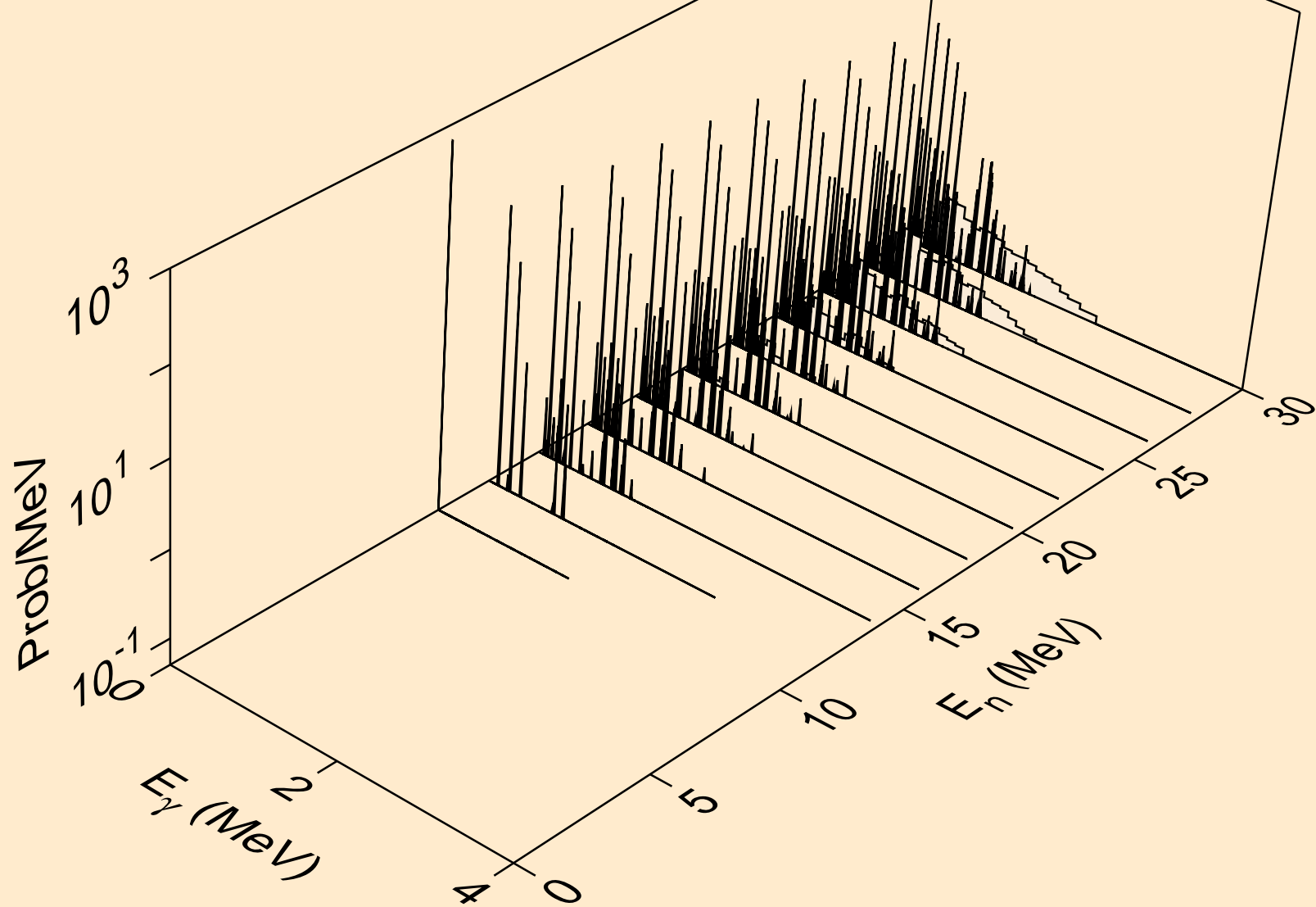
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



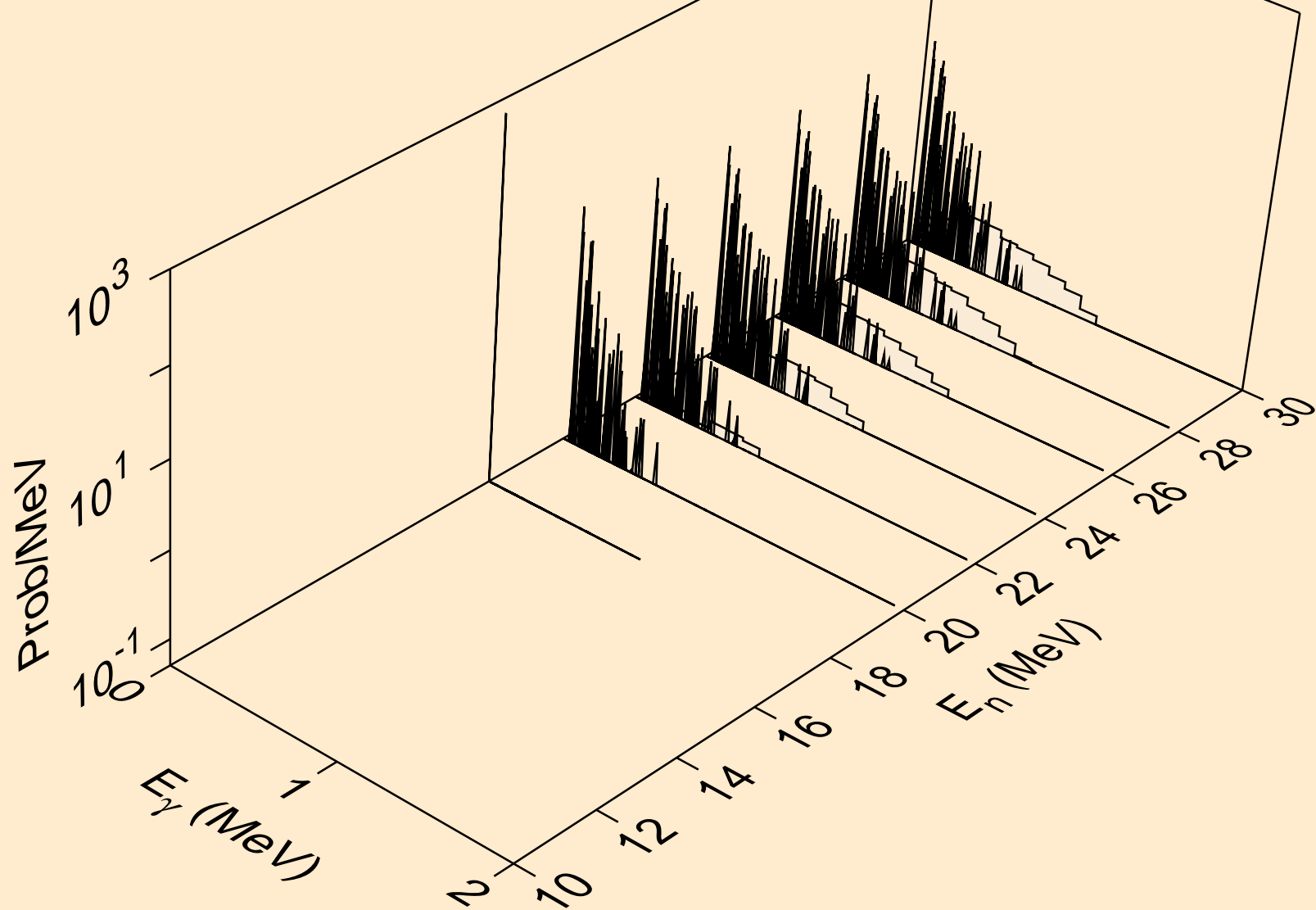
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Photon emission for (n,n*)a



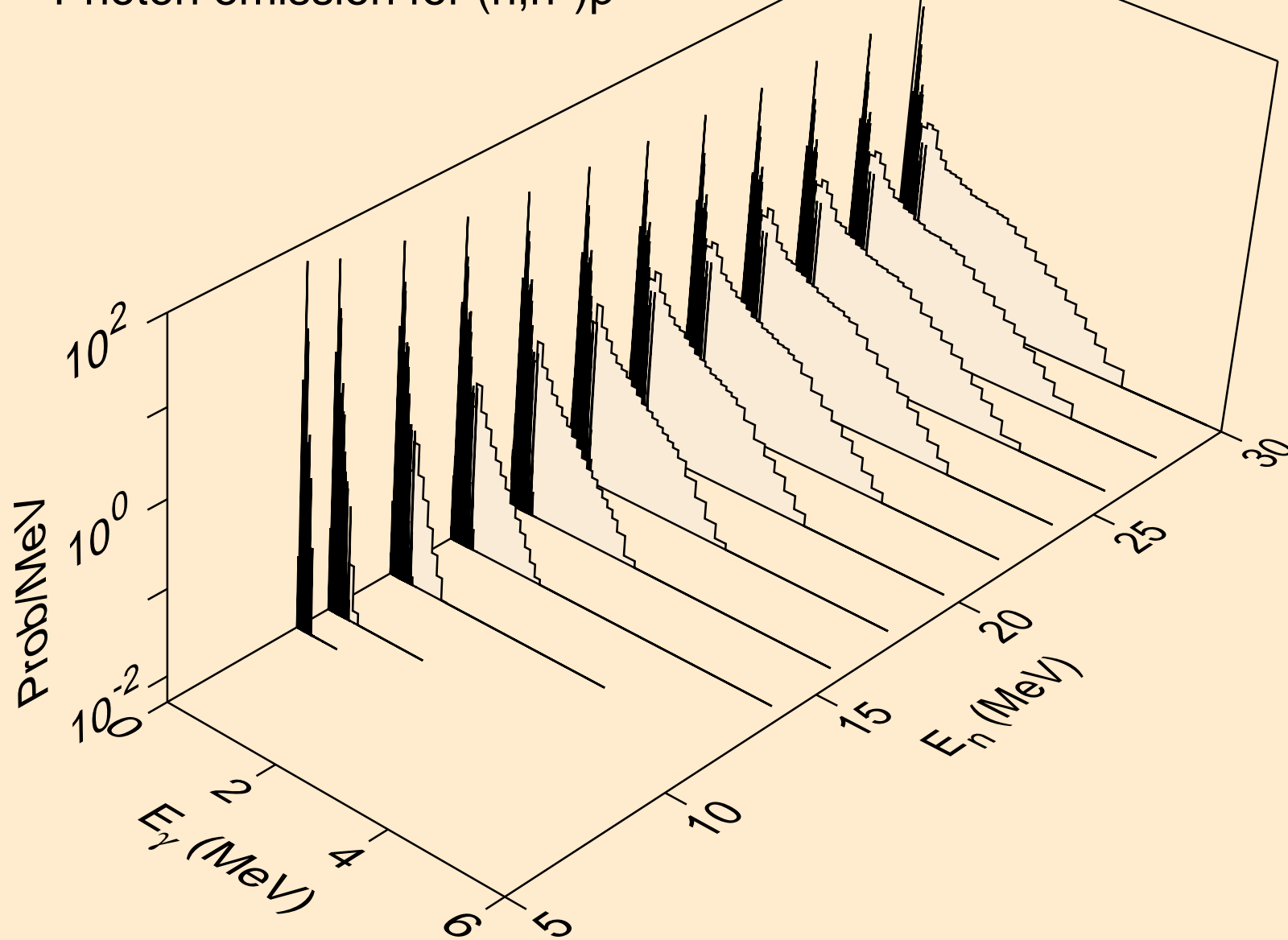
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



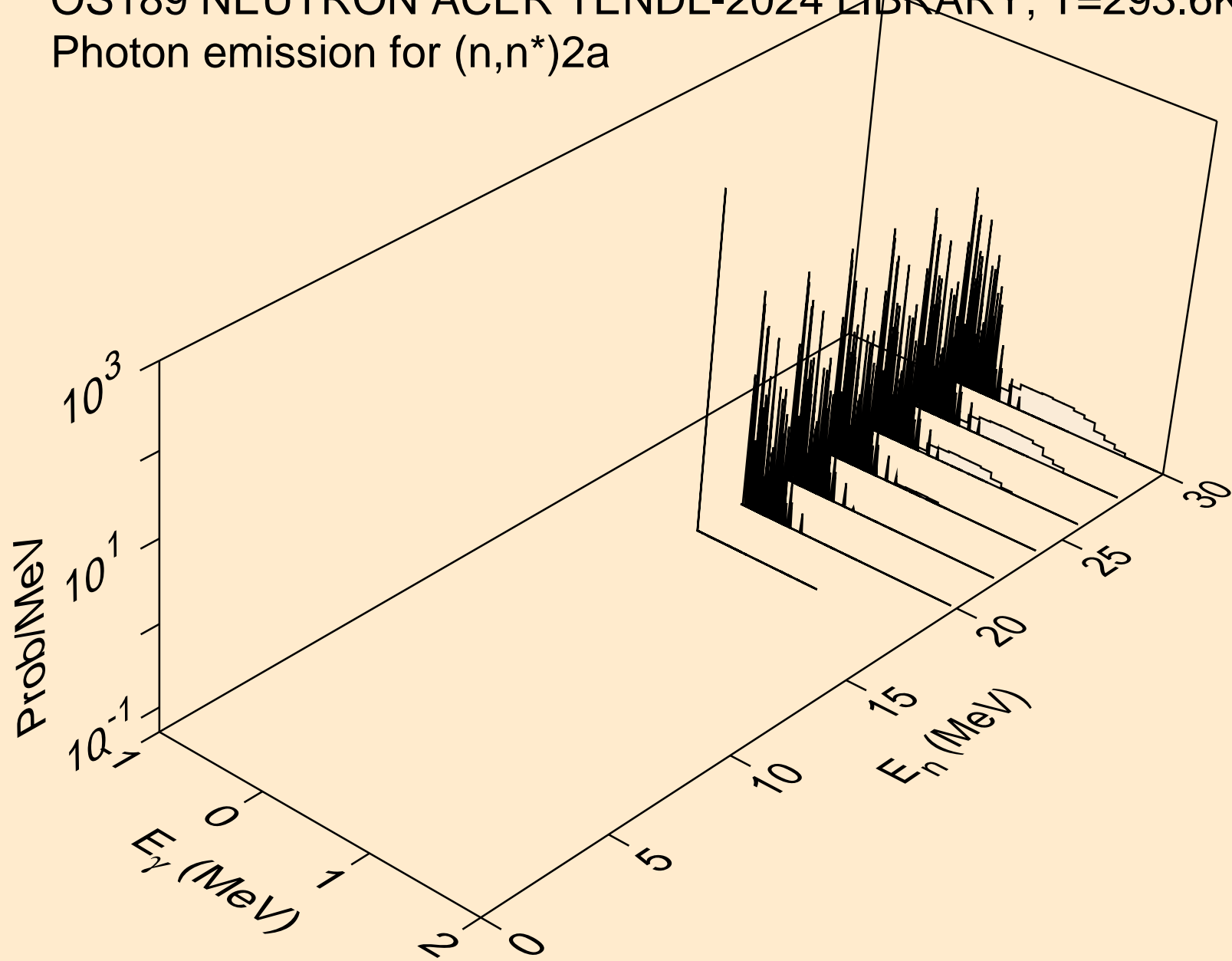
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



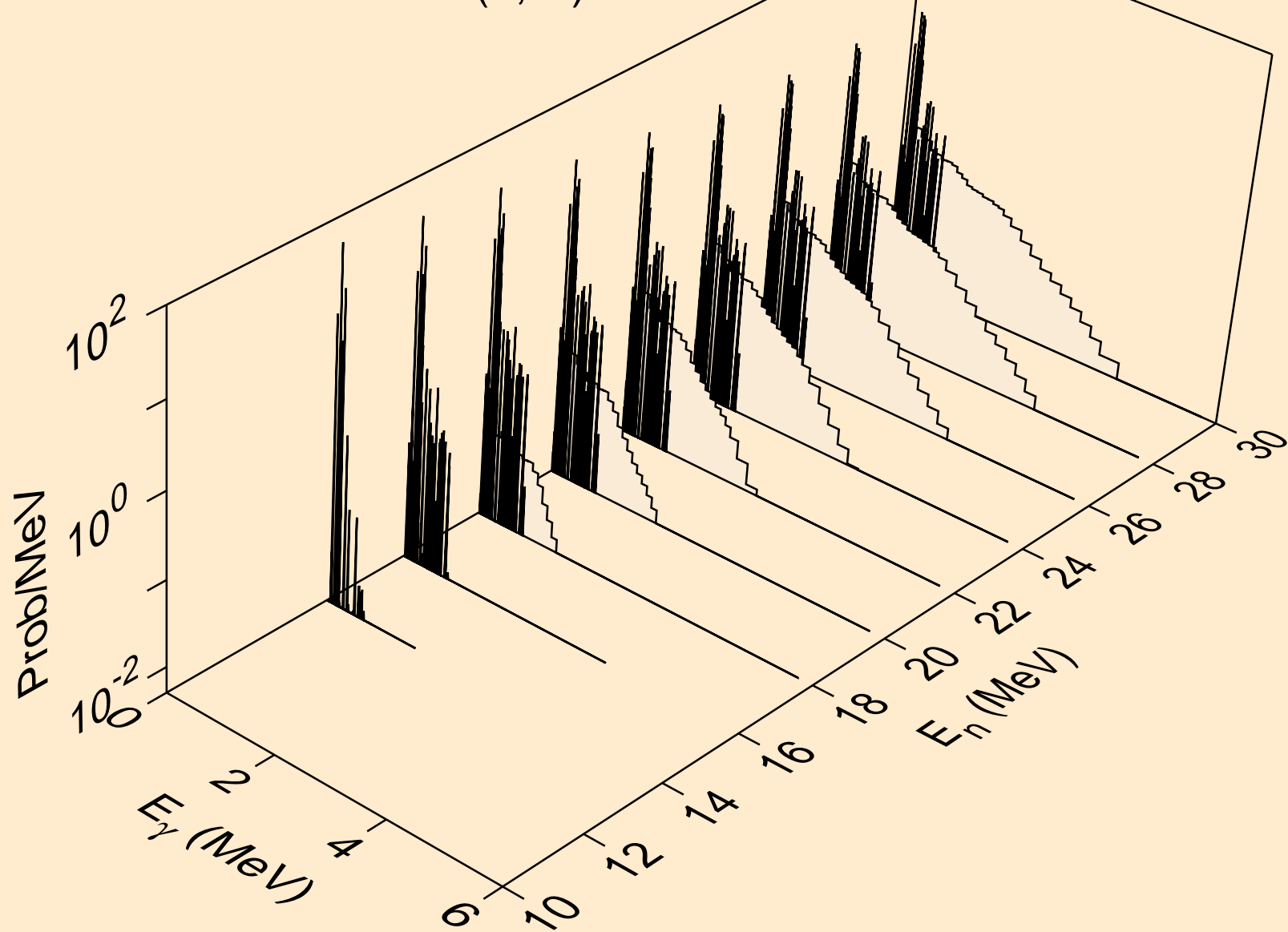
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



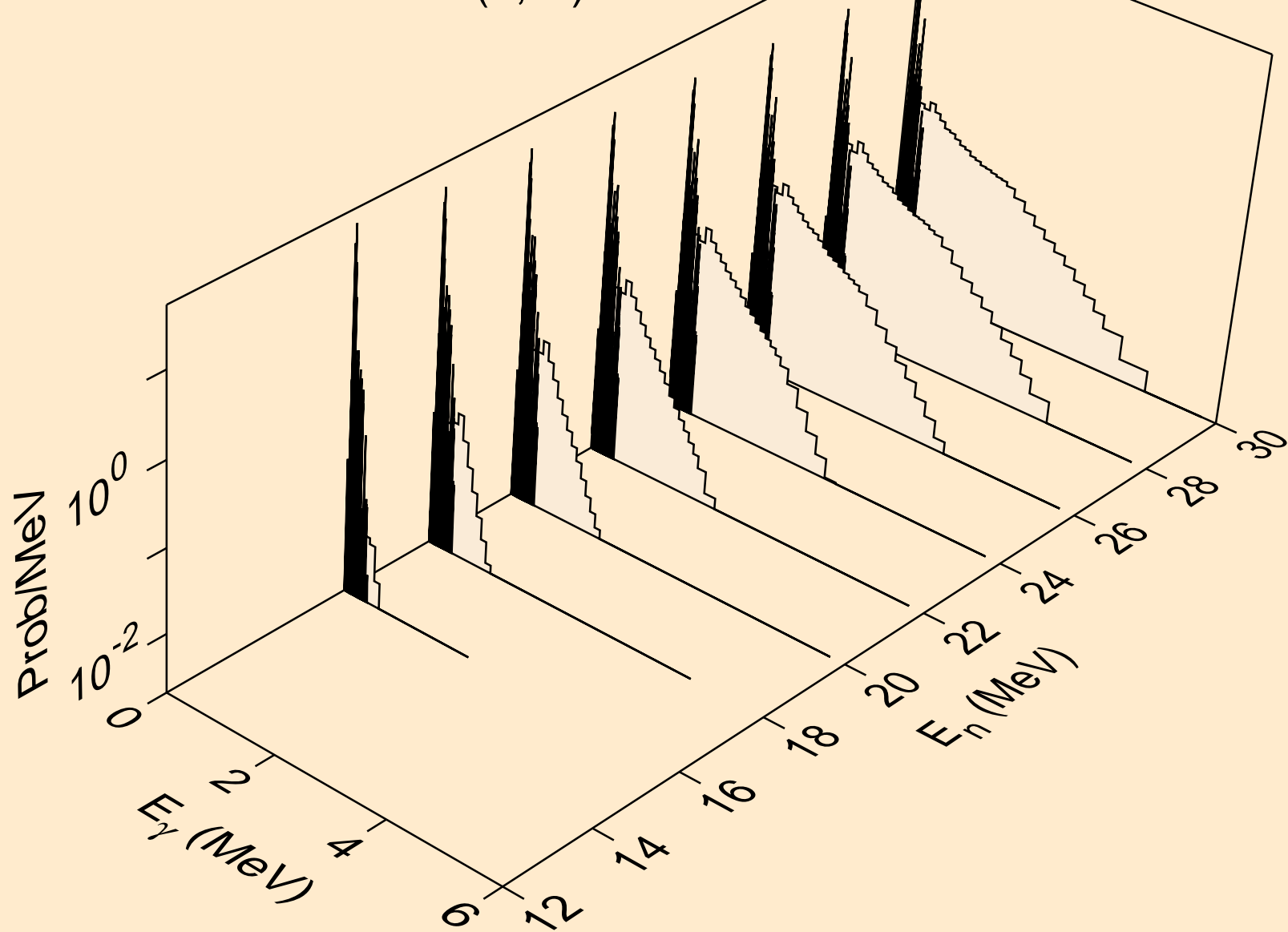
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



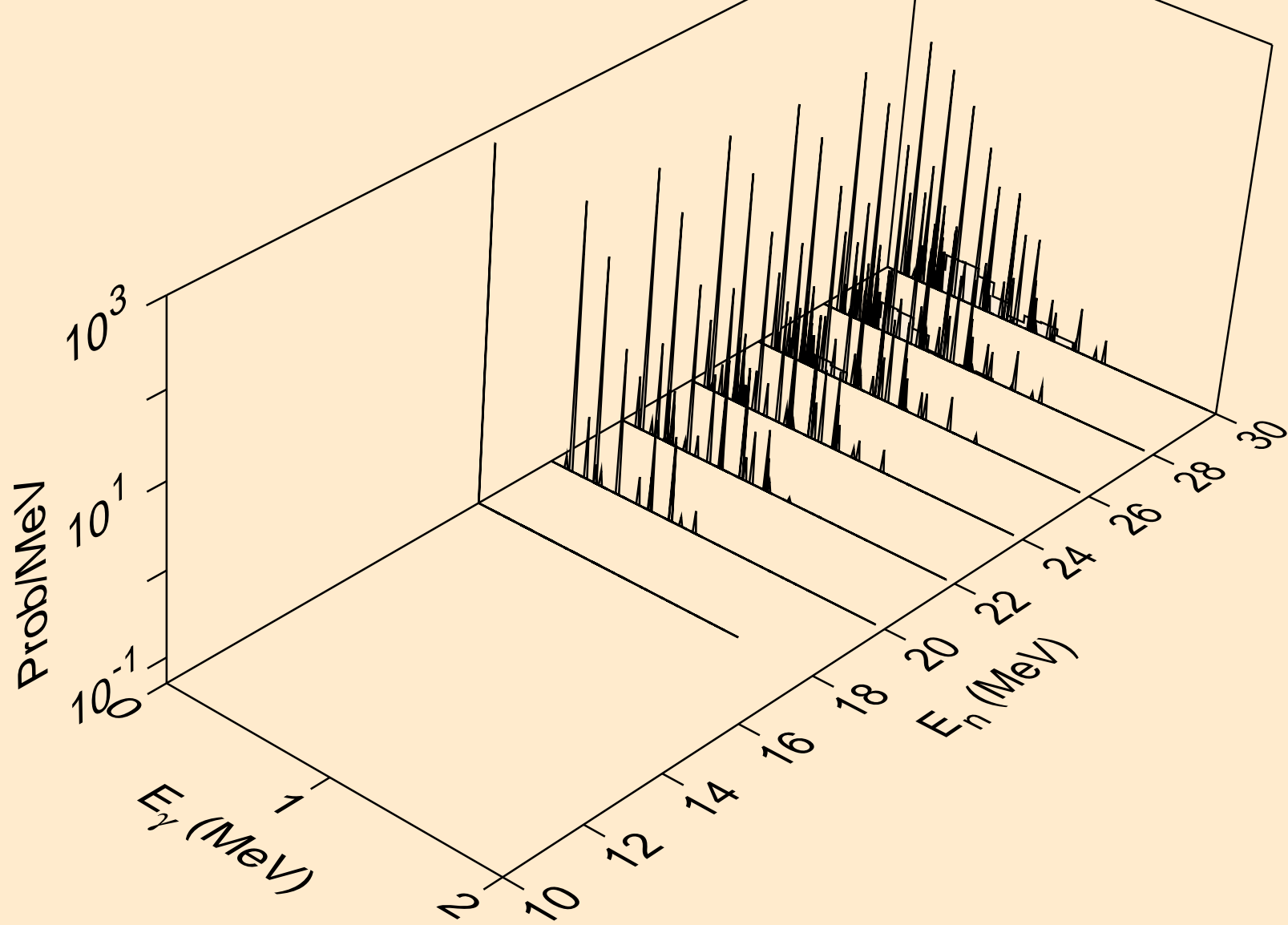
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Photon emission for (n,n*)d



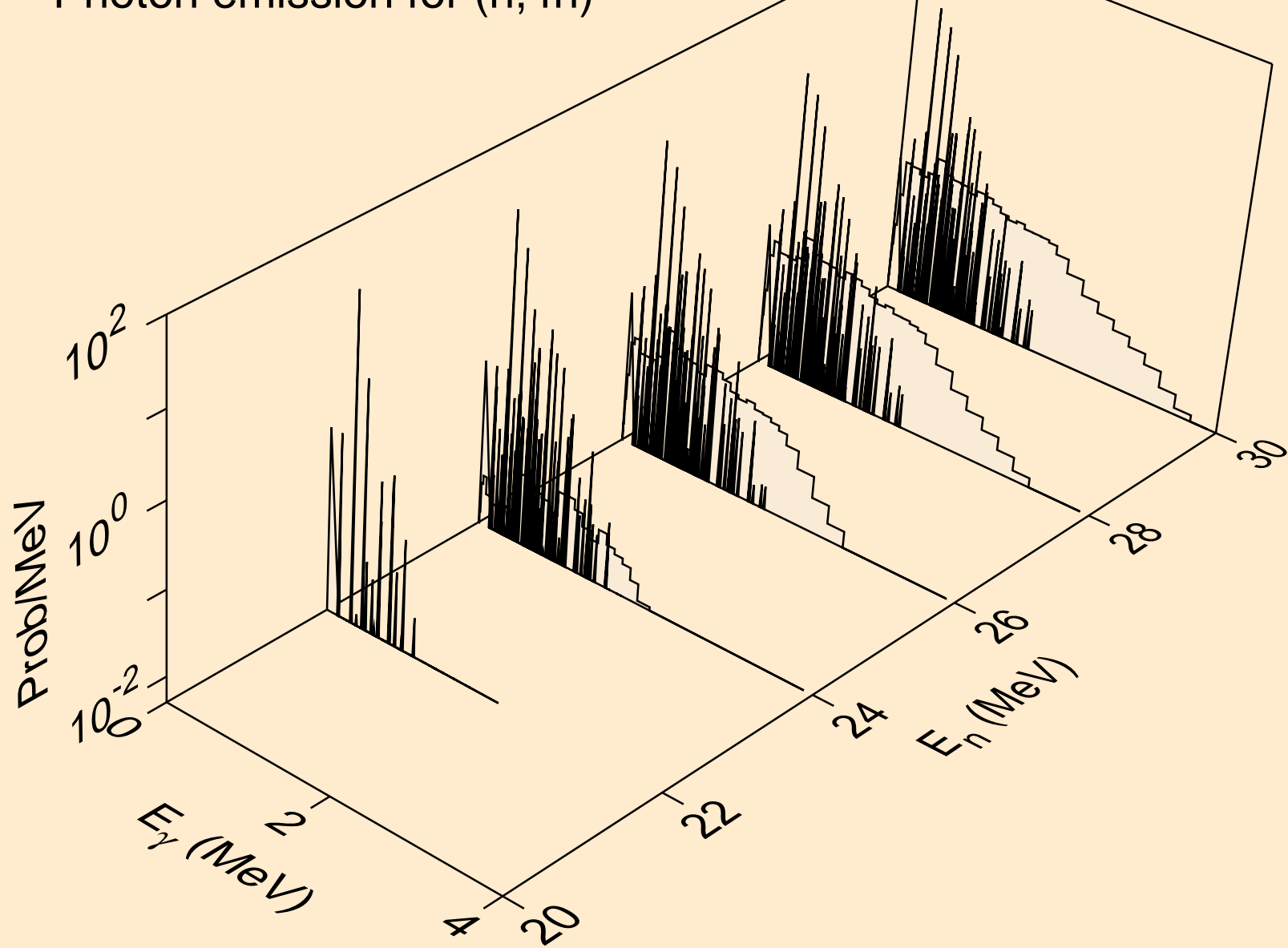
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



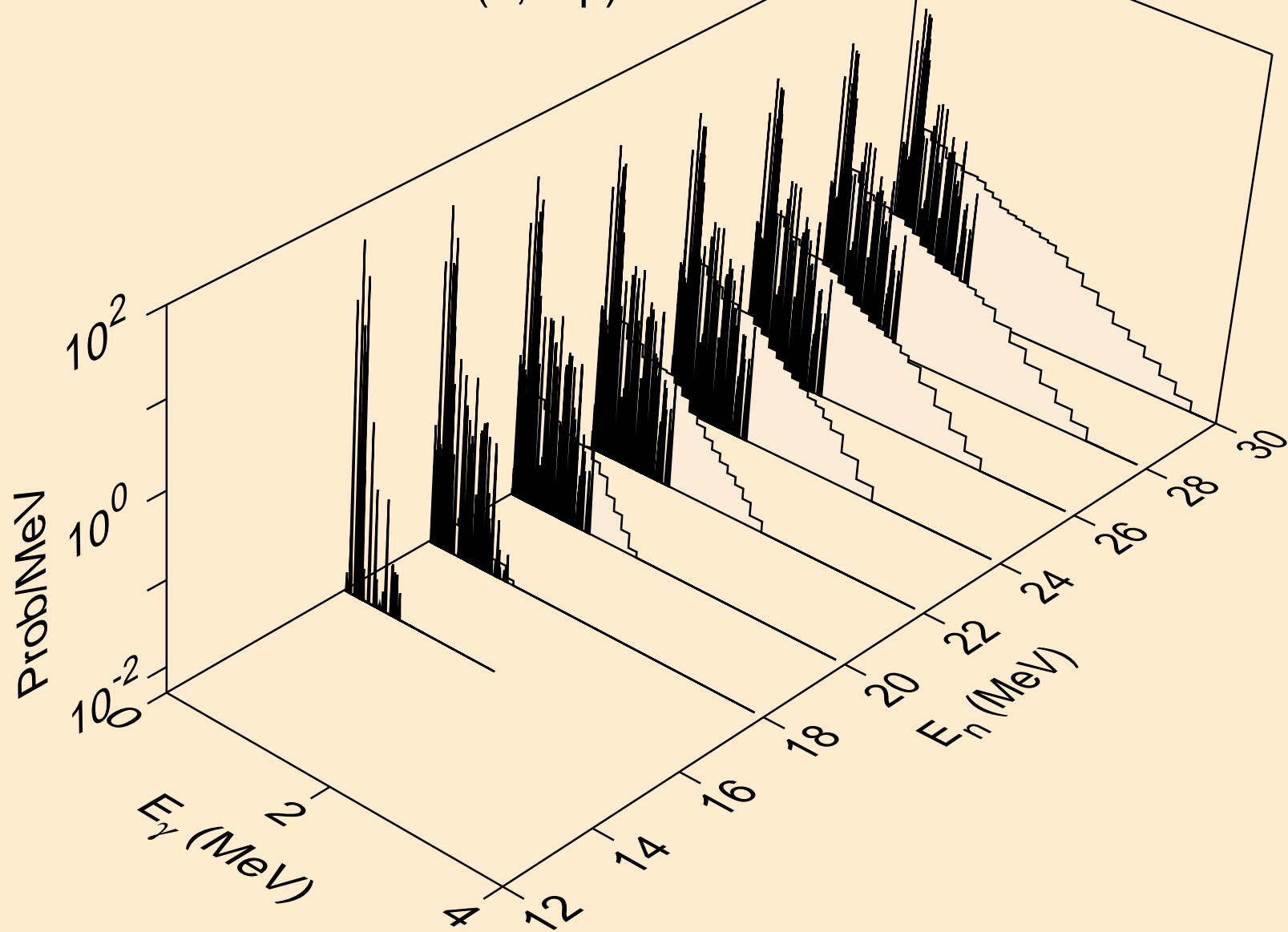
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



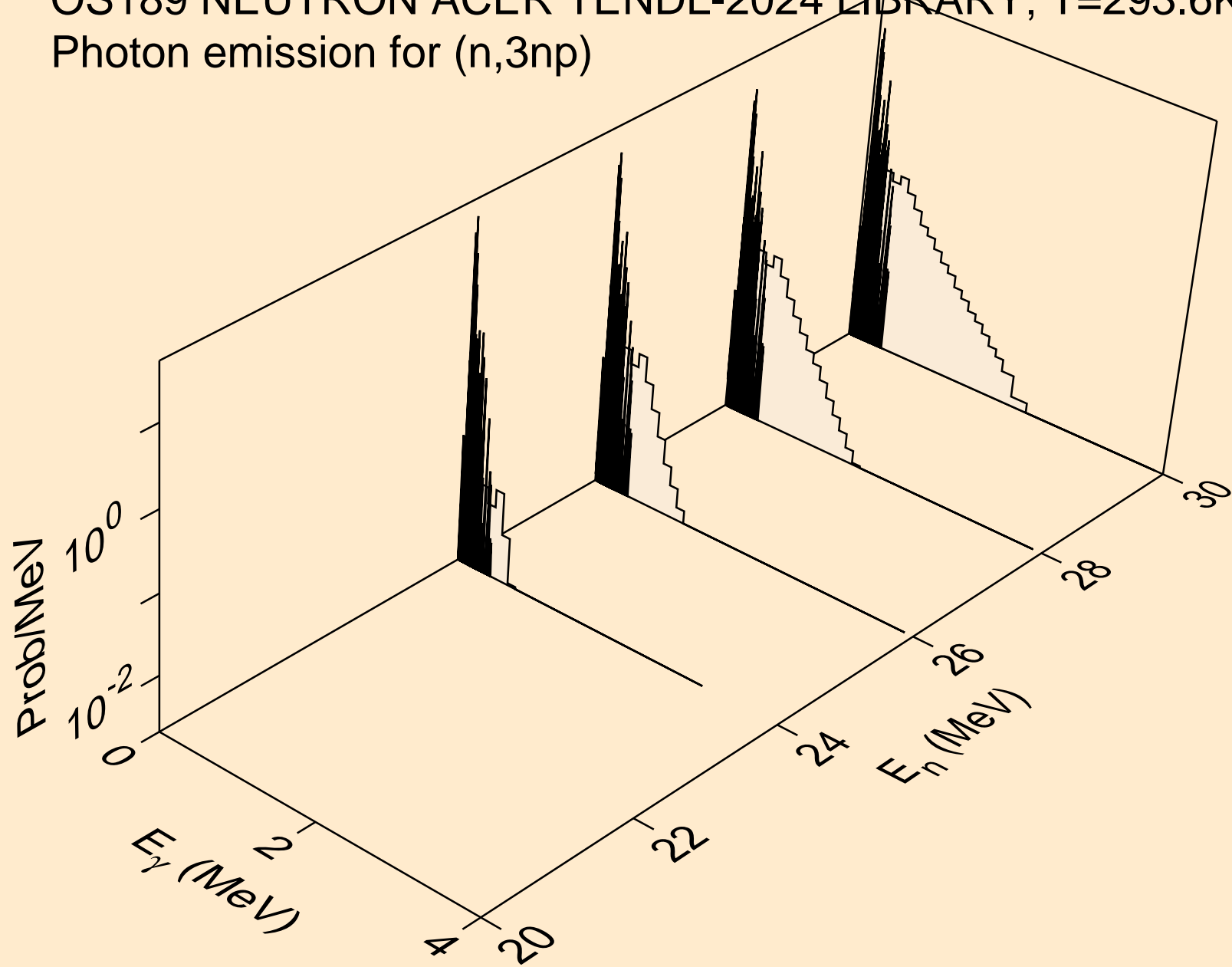
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



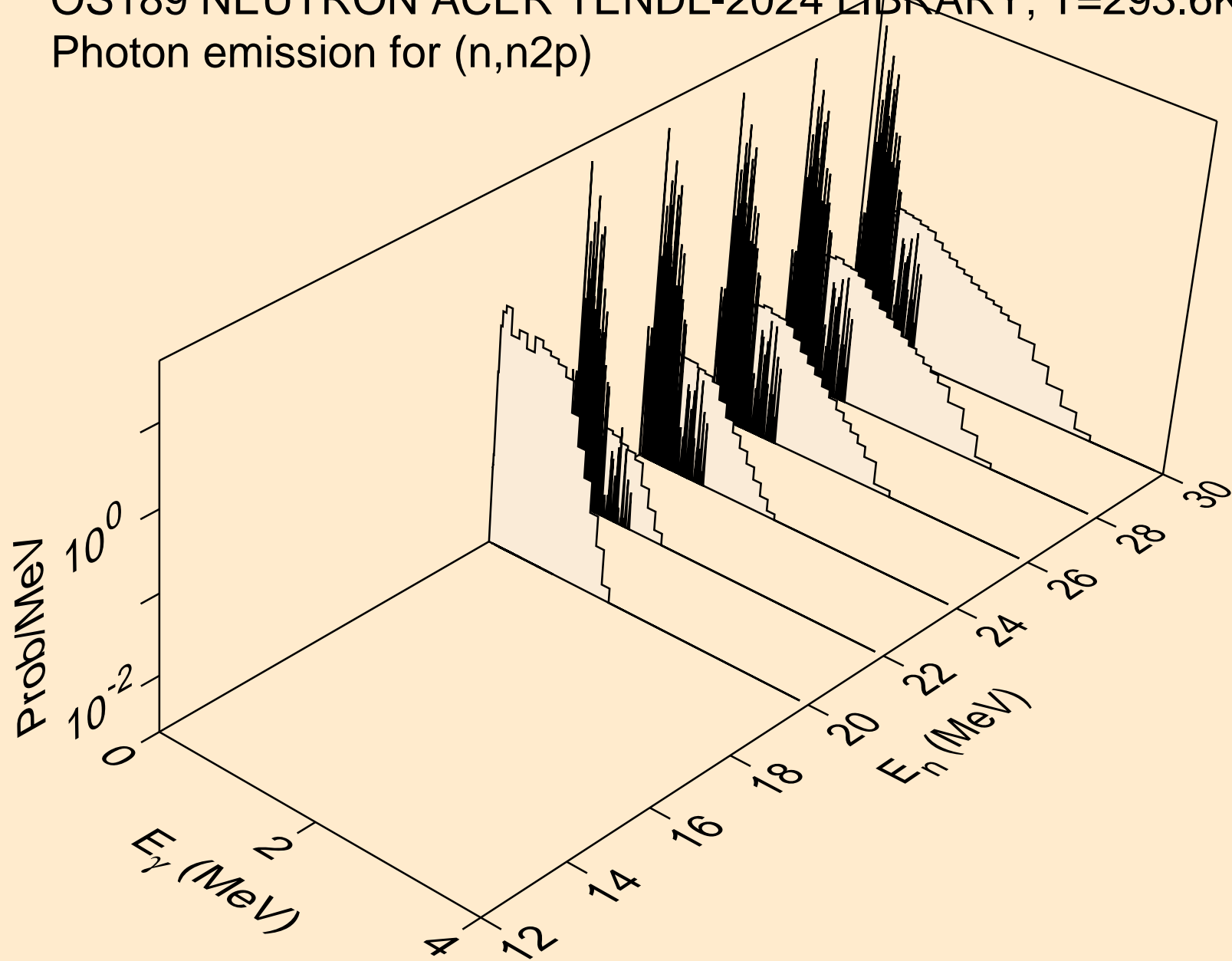
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Photon emission for (n,2np)



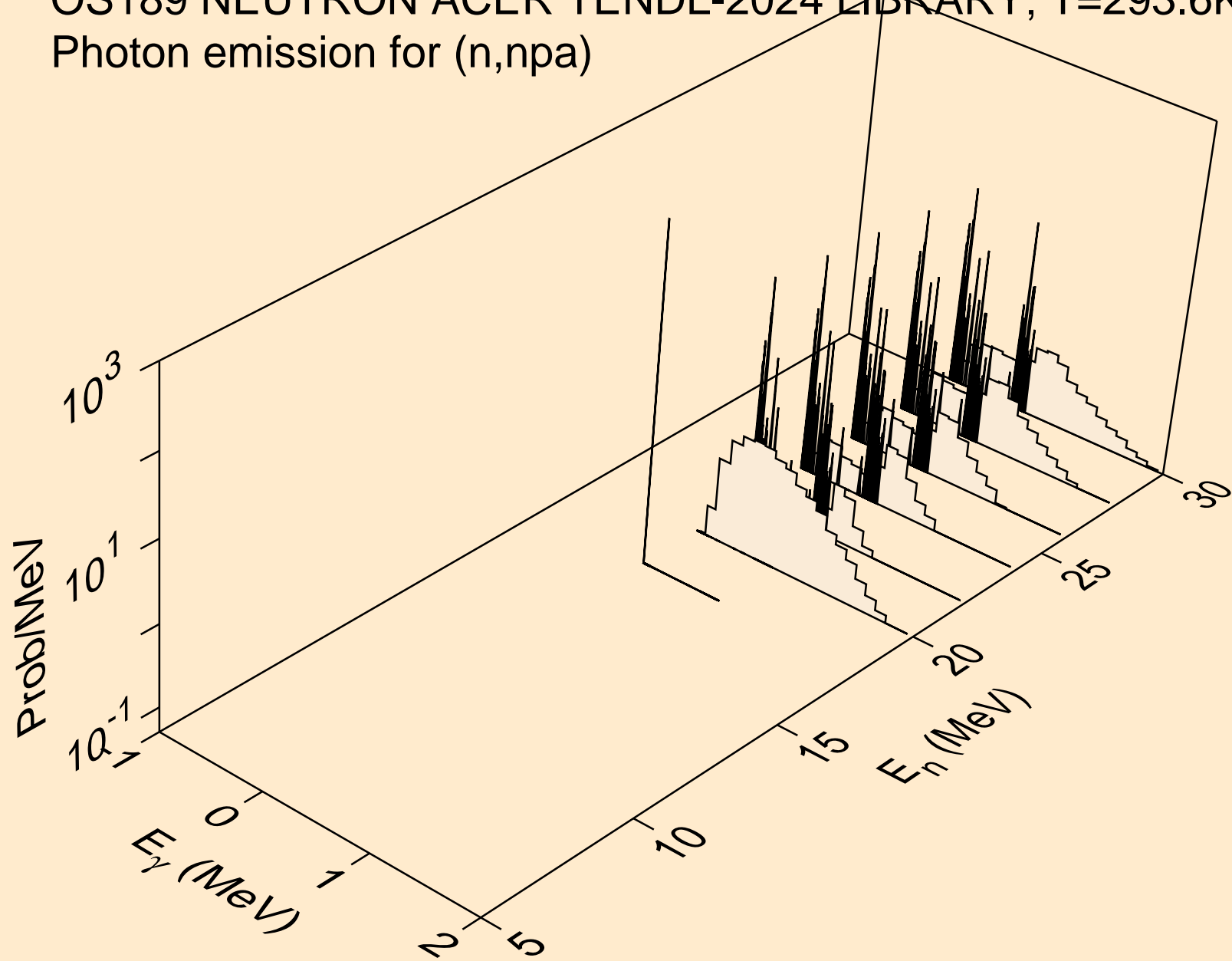
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



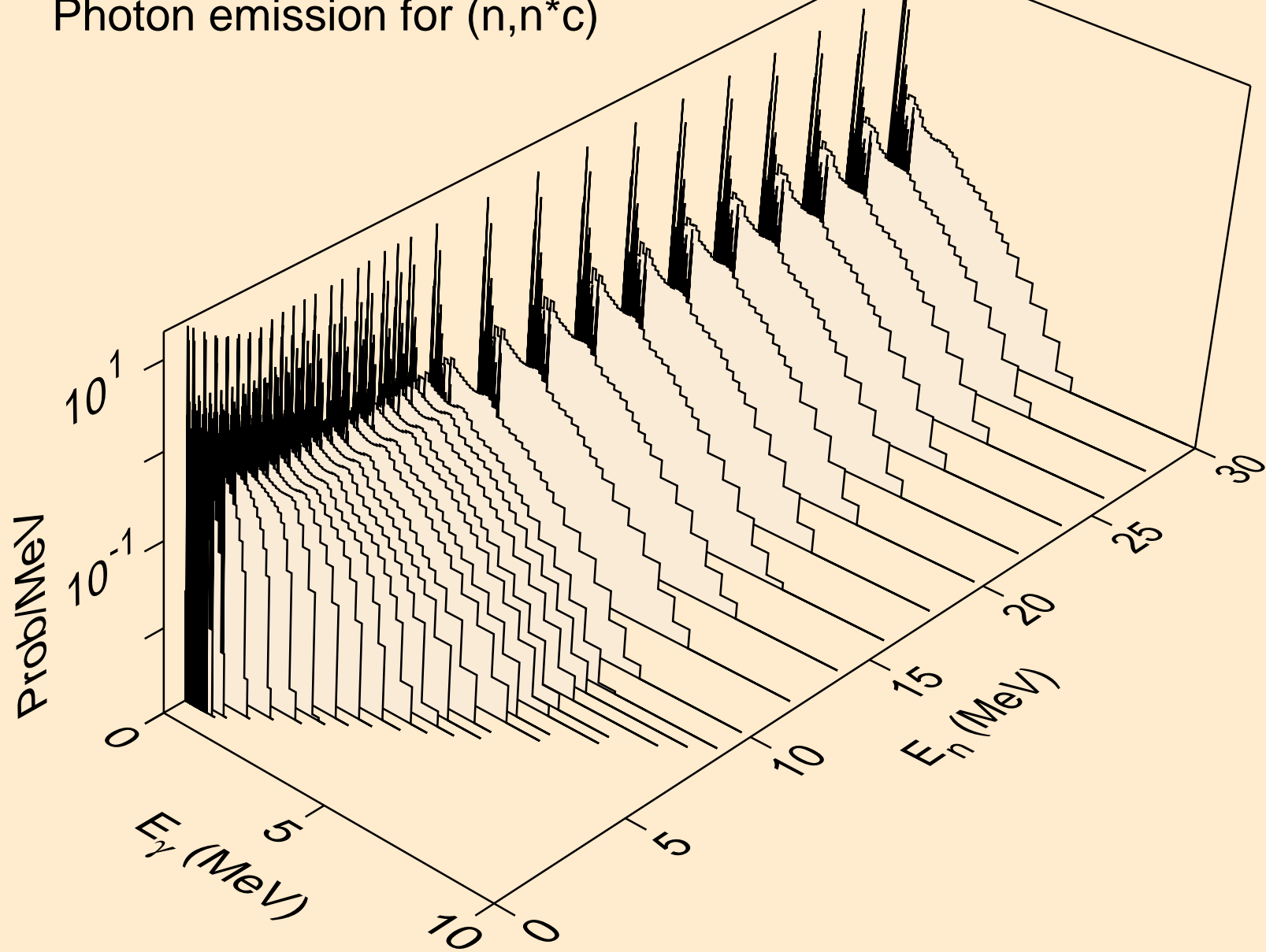
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Photon emission for (n,n2p)



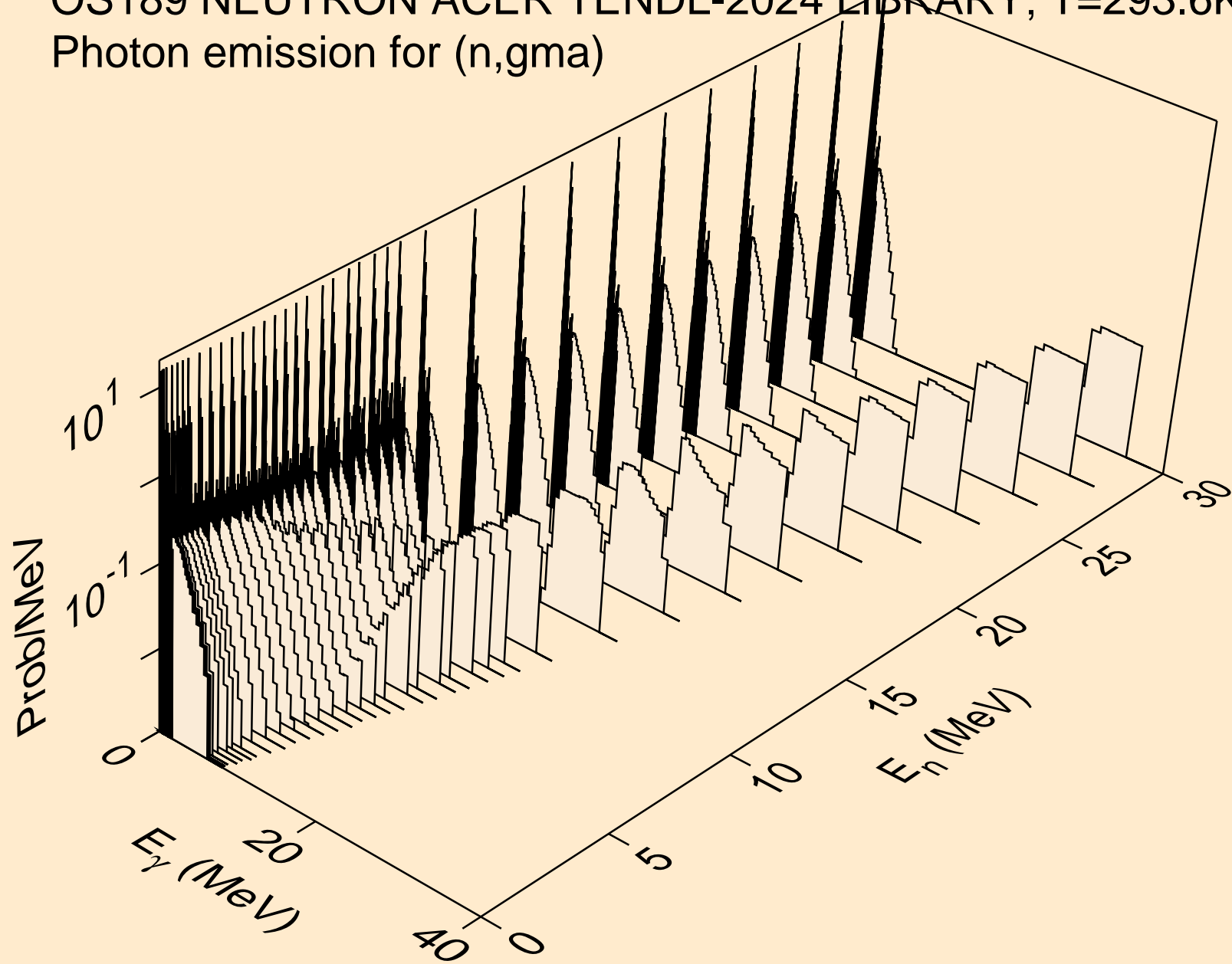
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



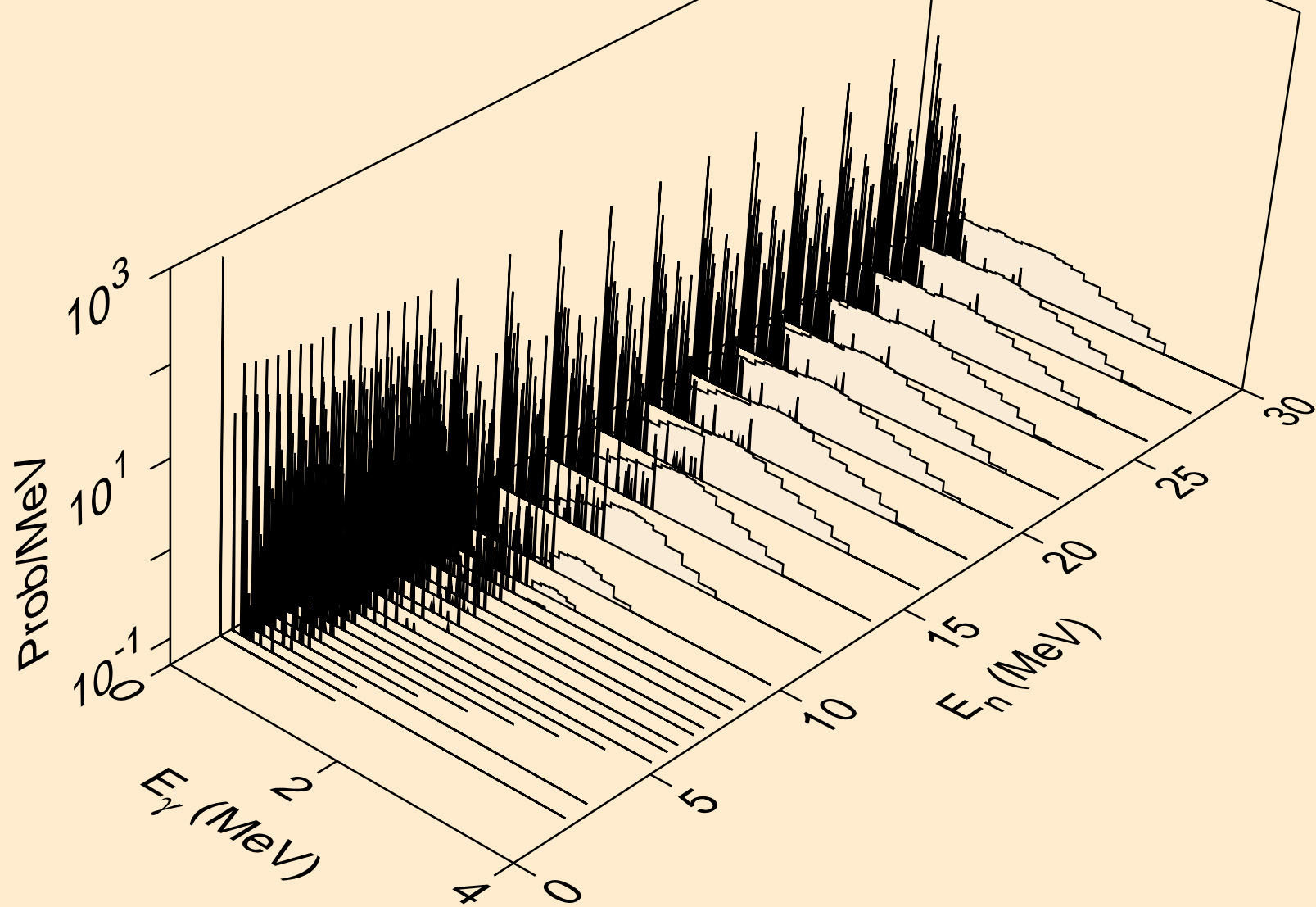
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



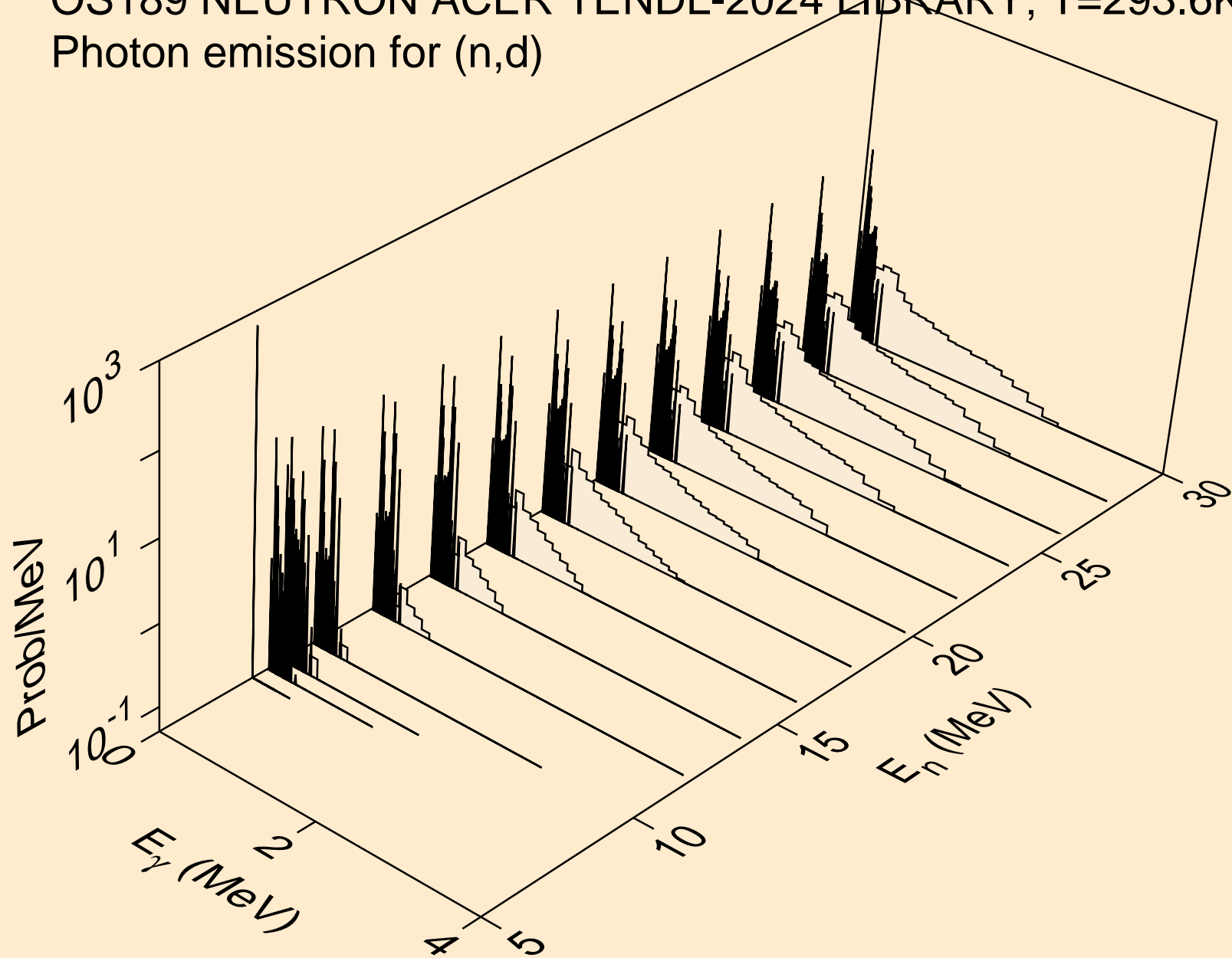
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



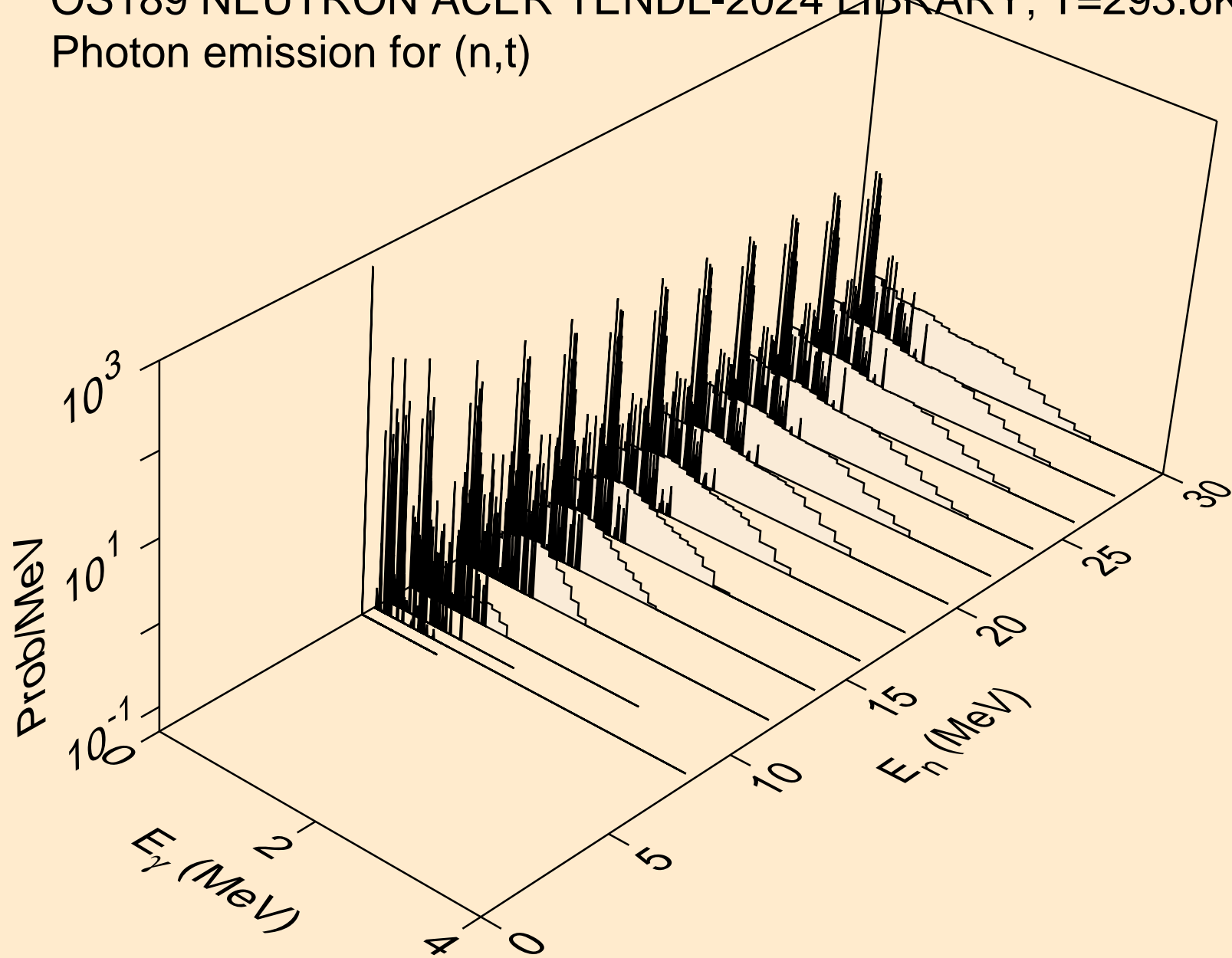
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



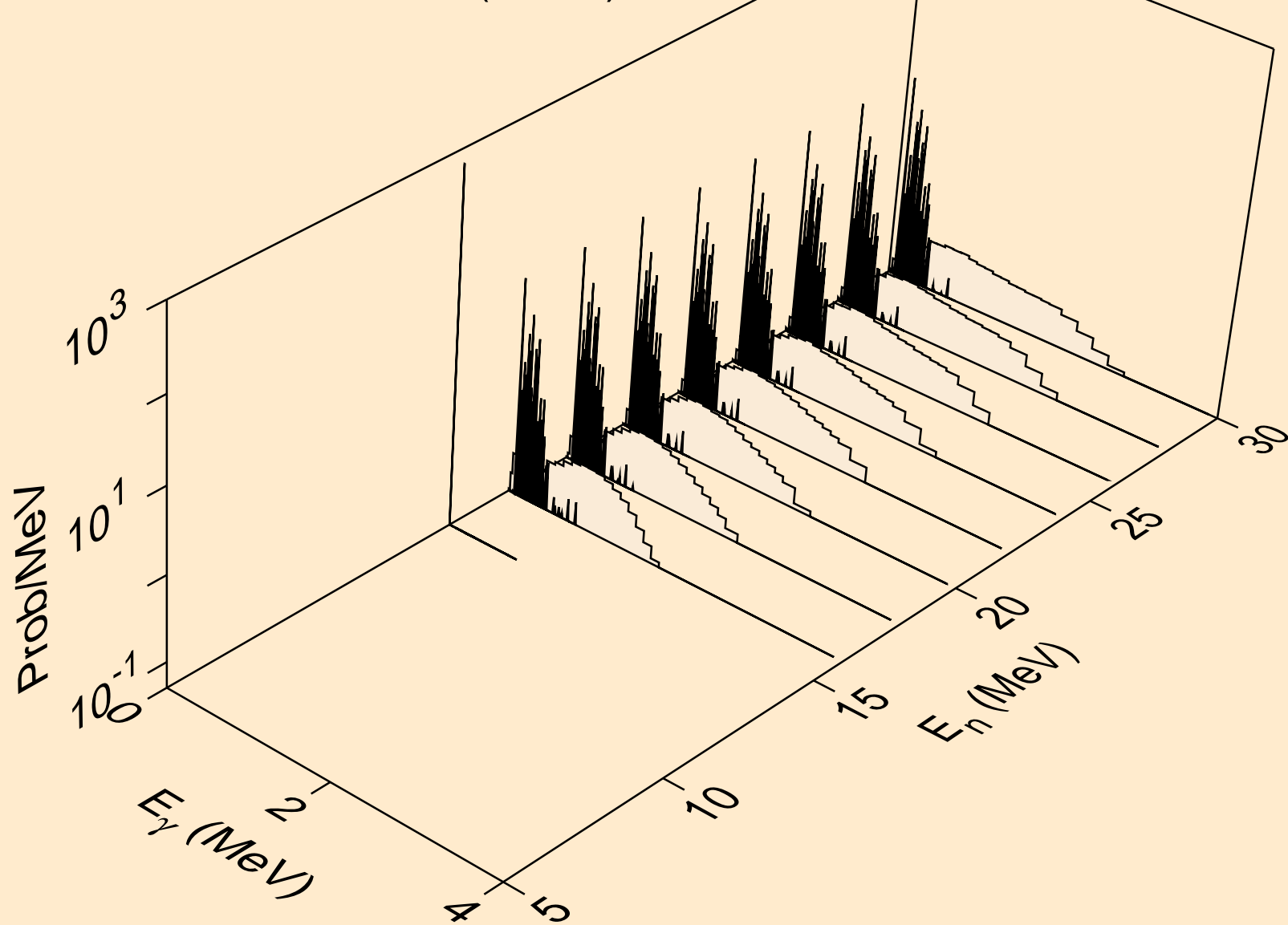
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



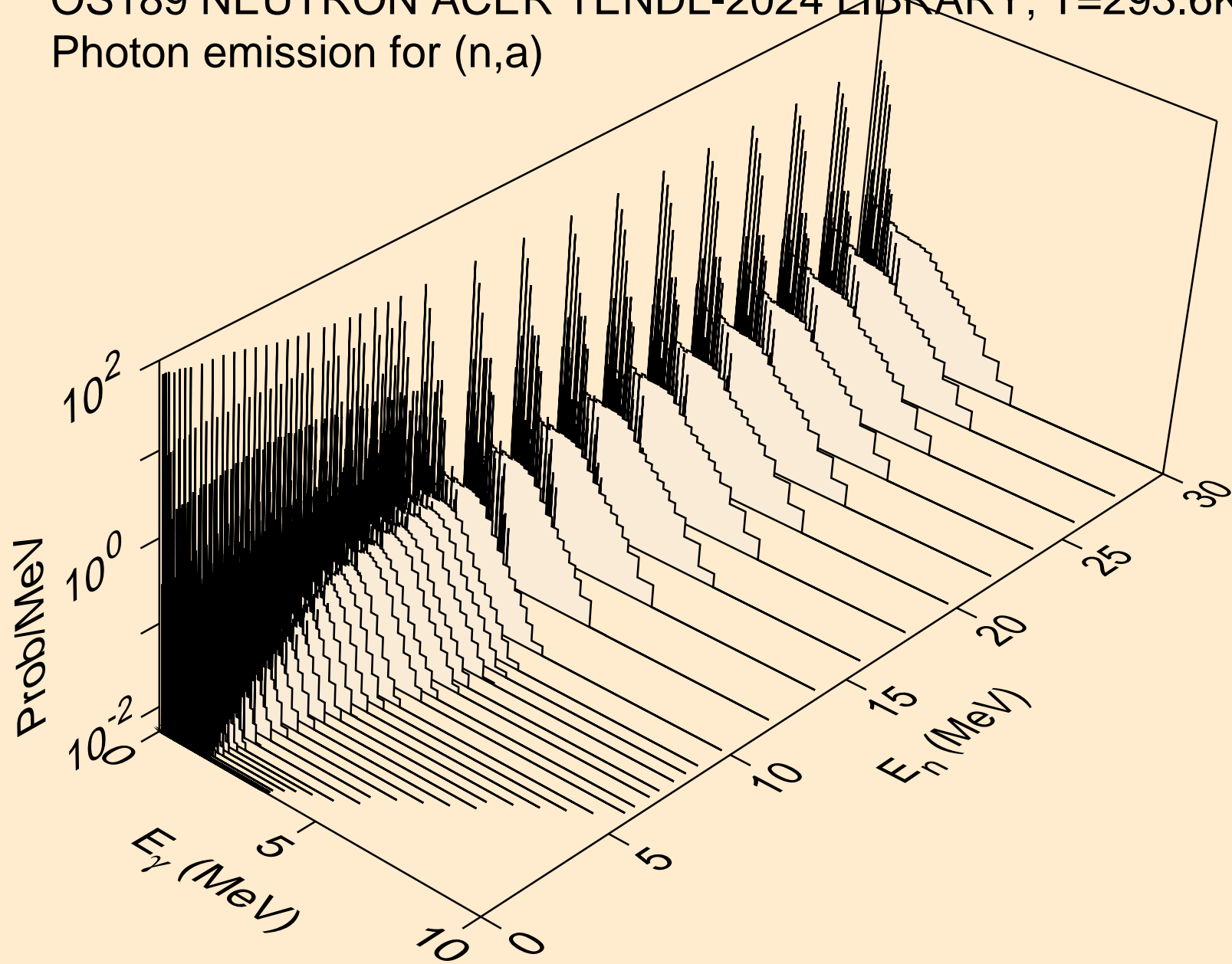
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



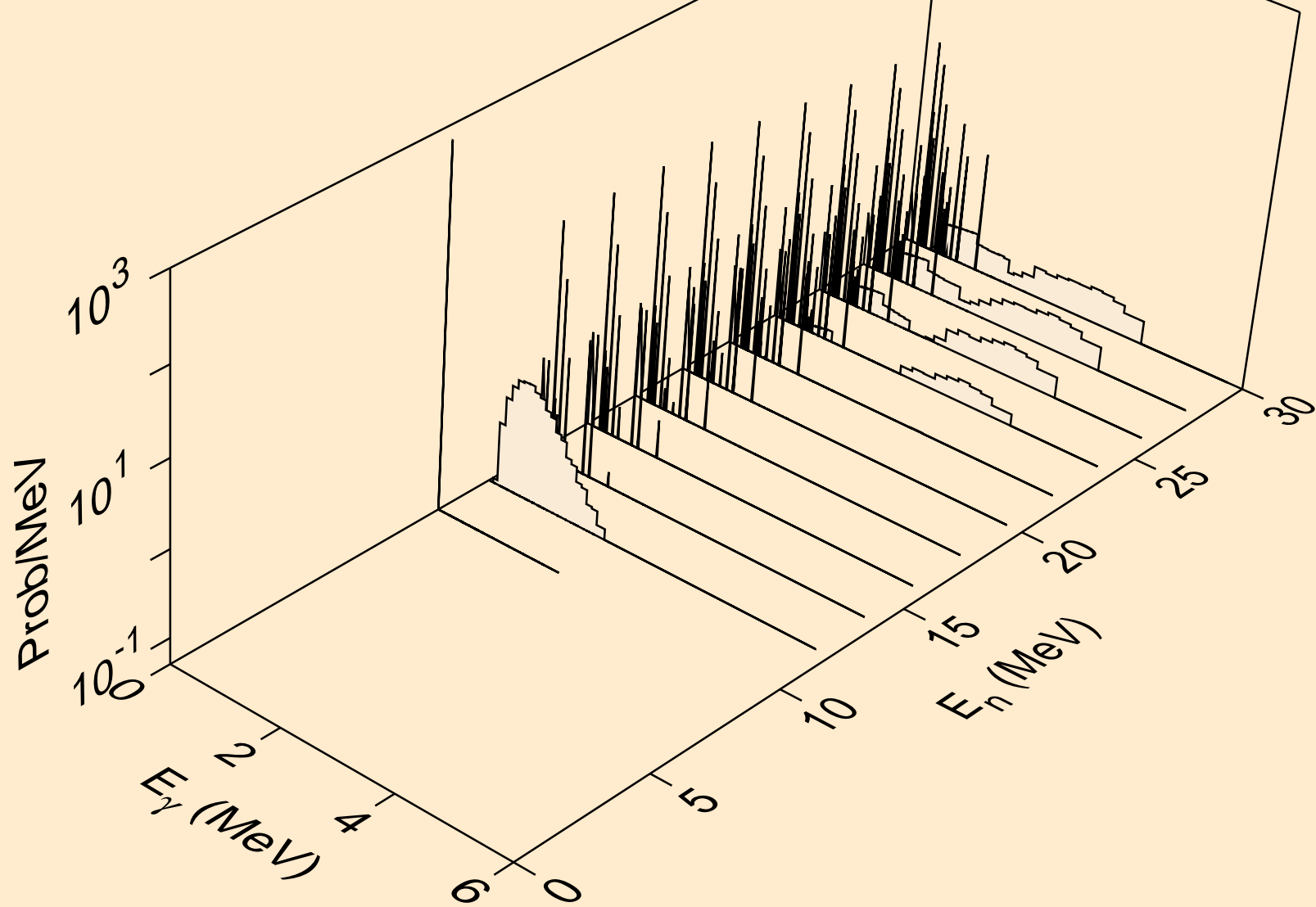
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



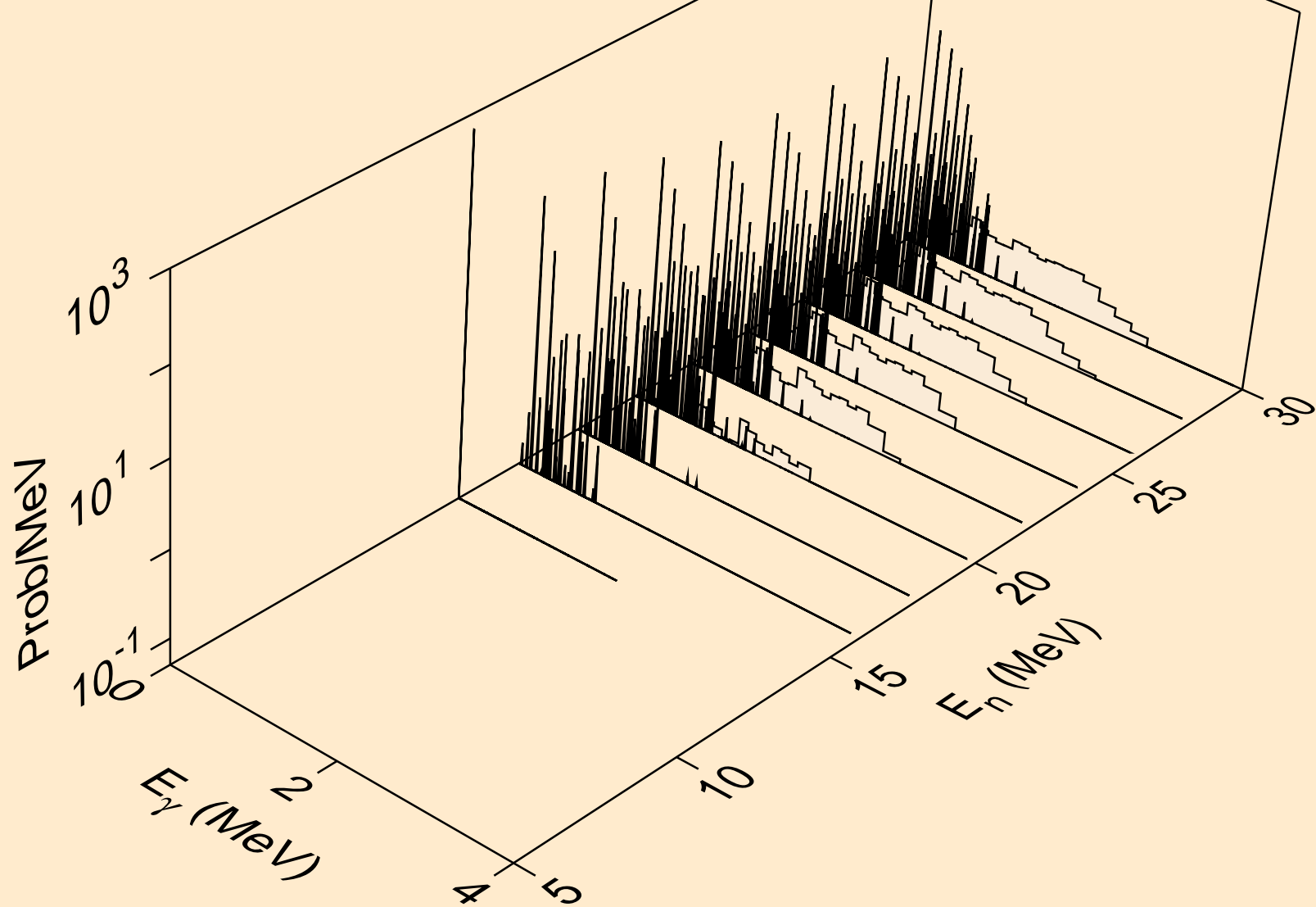
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



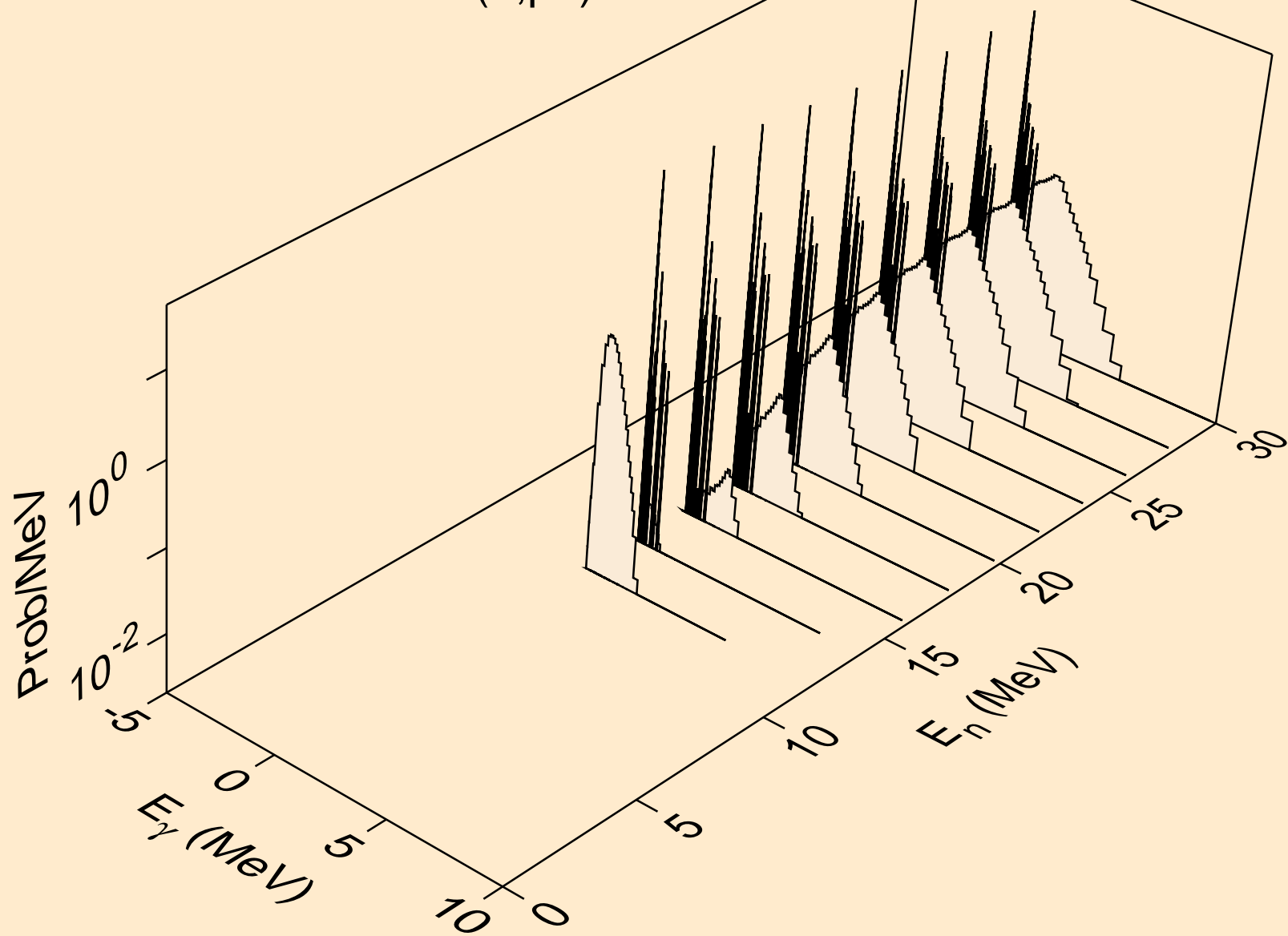
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



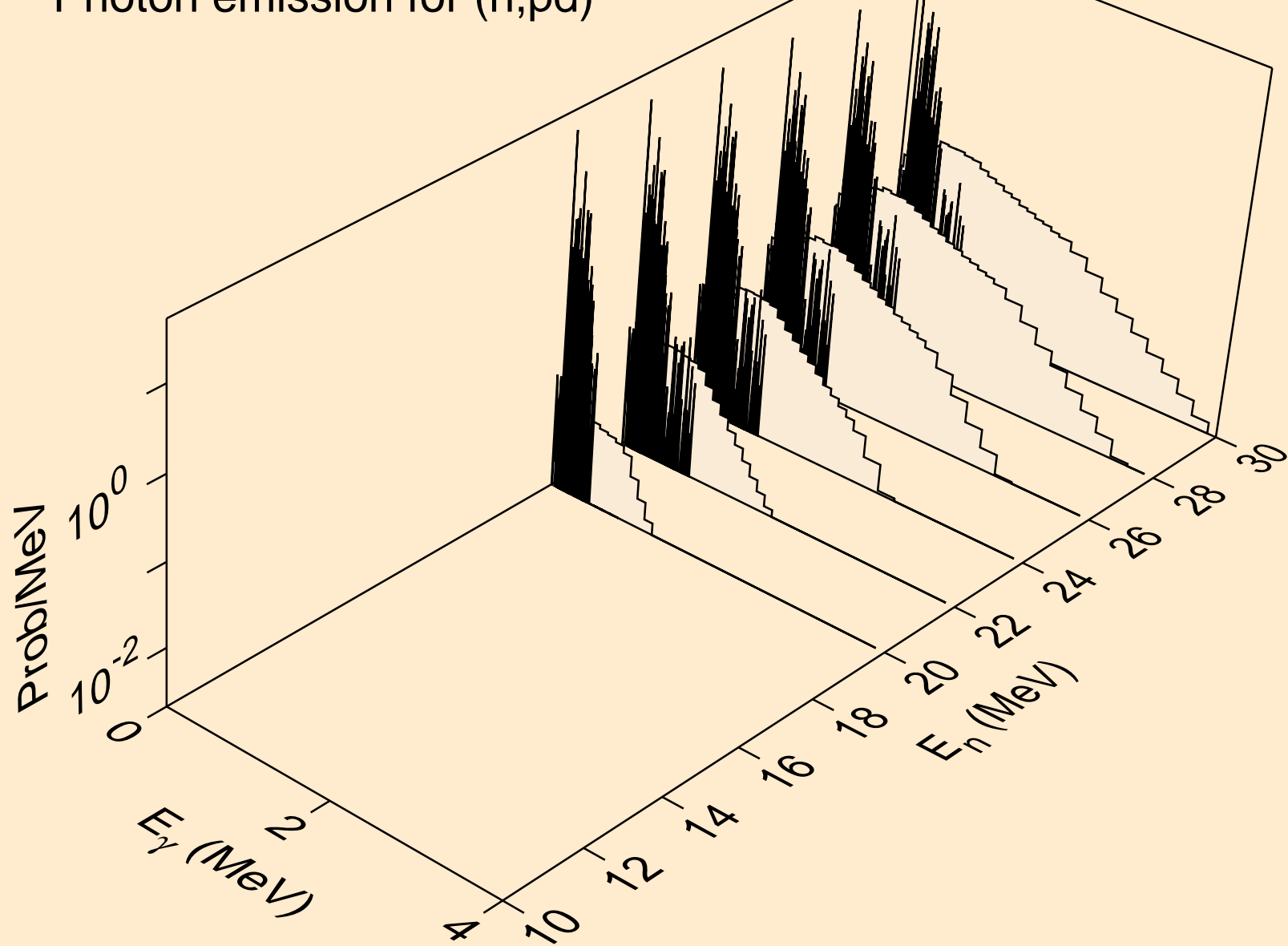
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Photon emission for (n,2p)



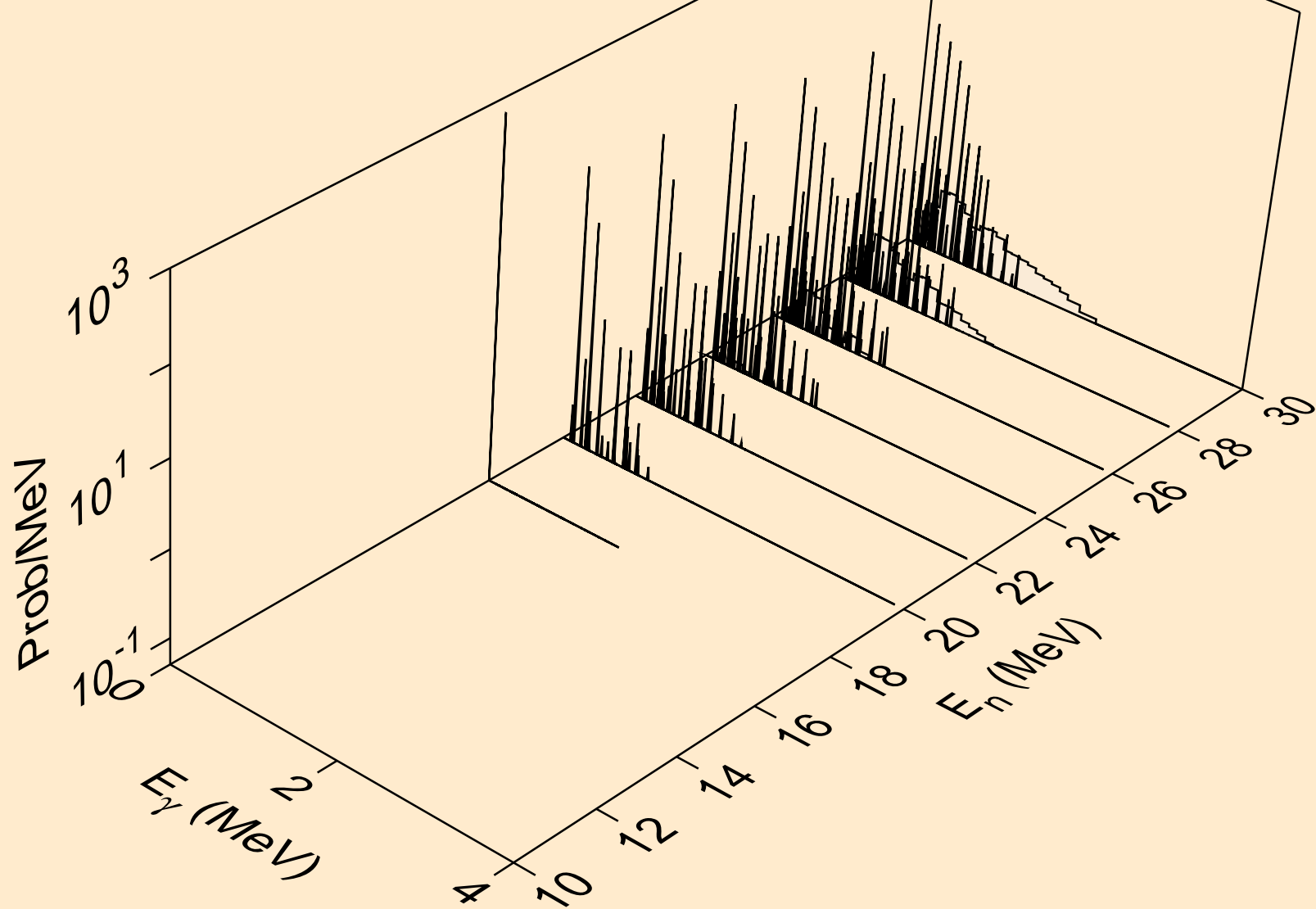
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Photon emission for (n,p)



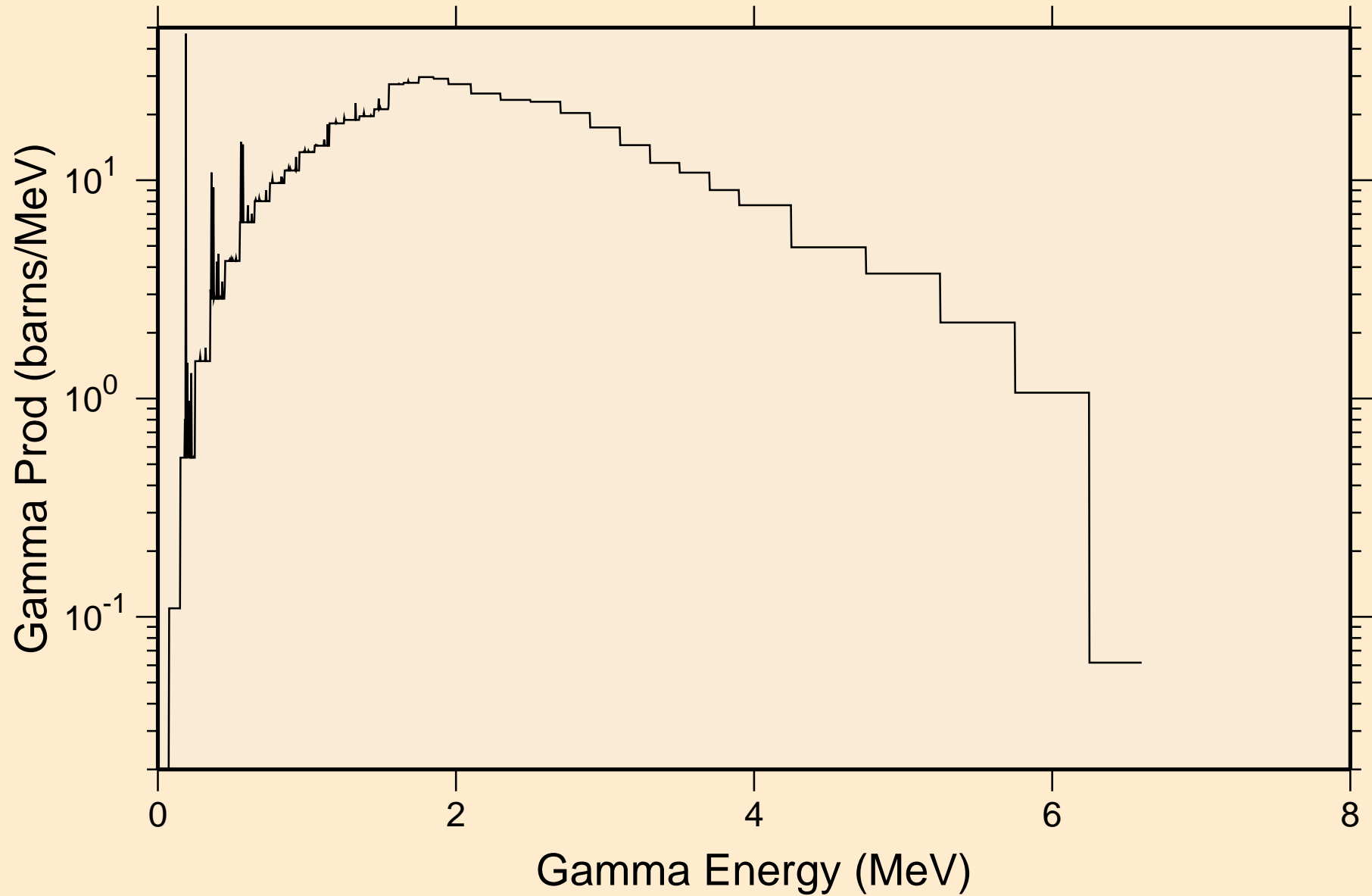
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



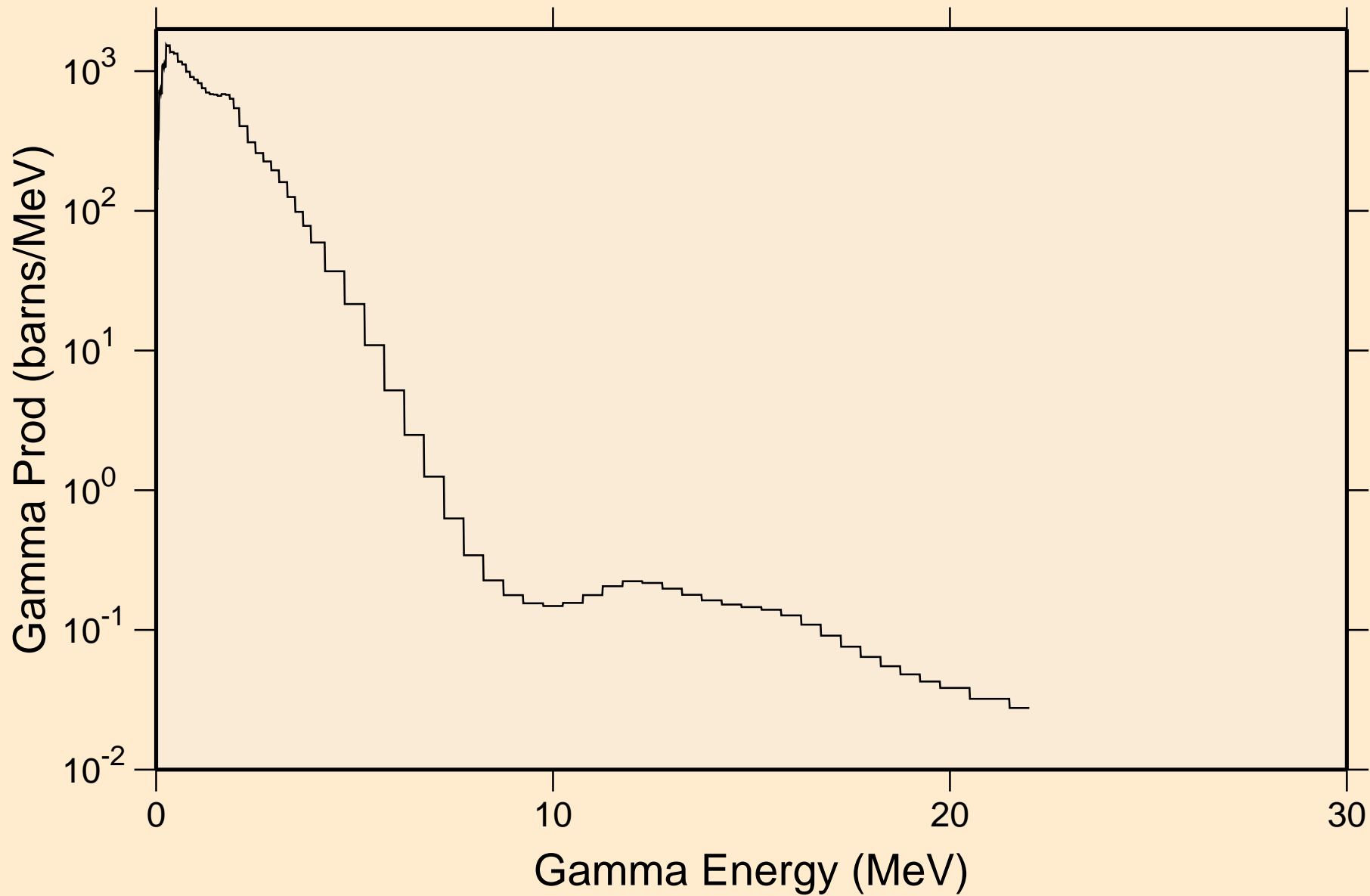
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

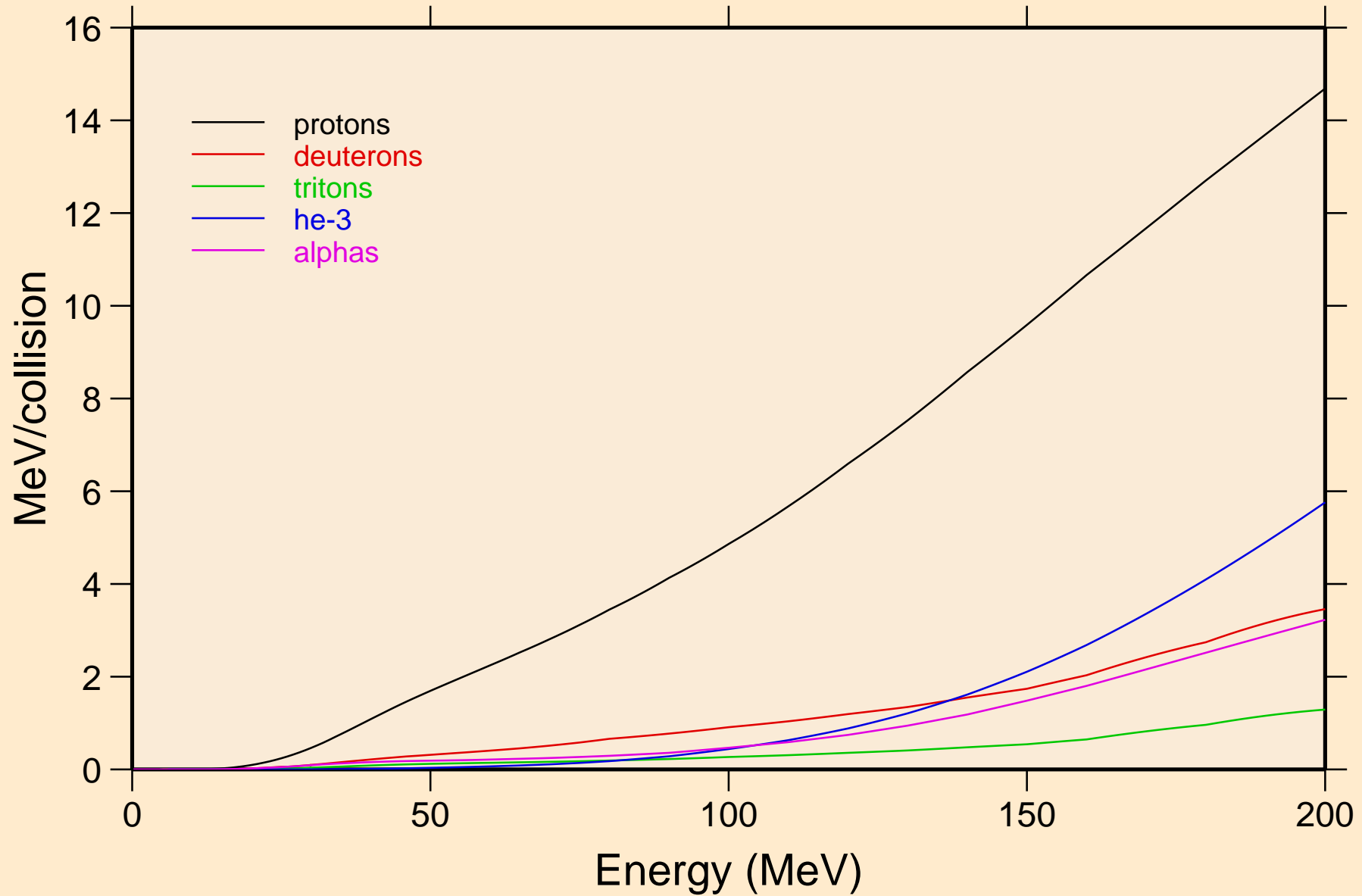


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

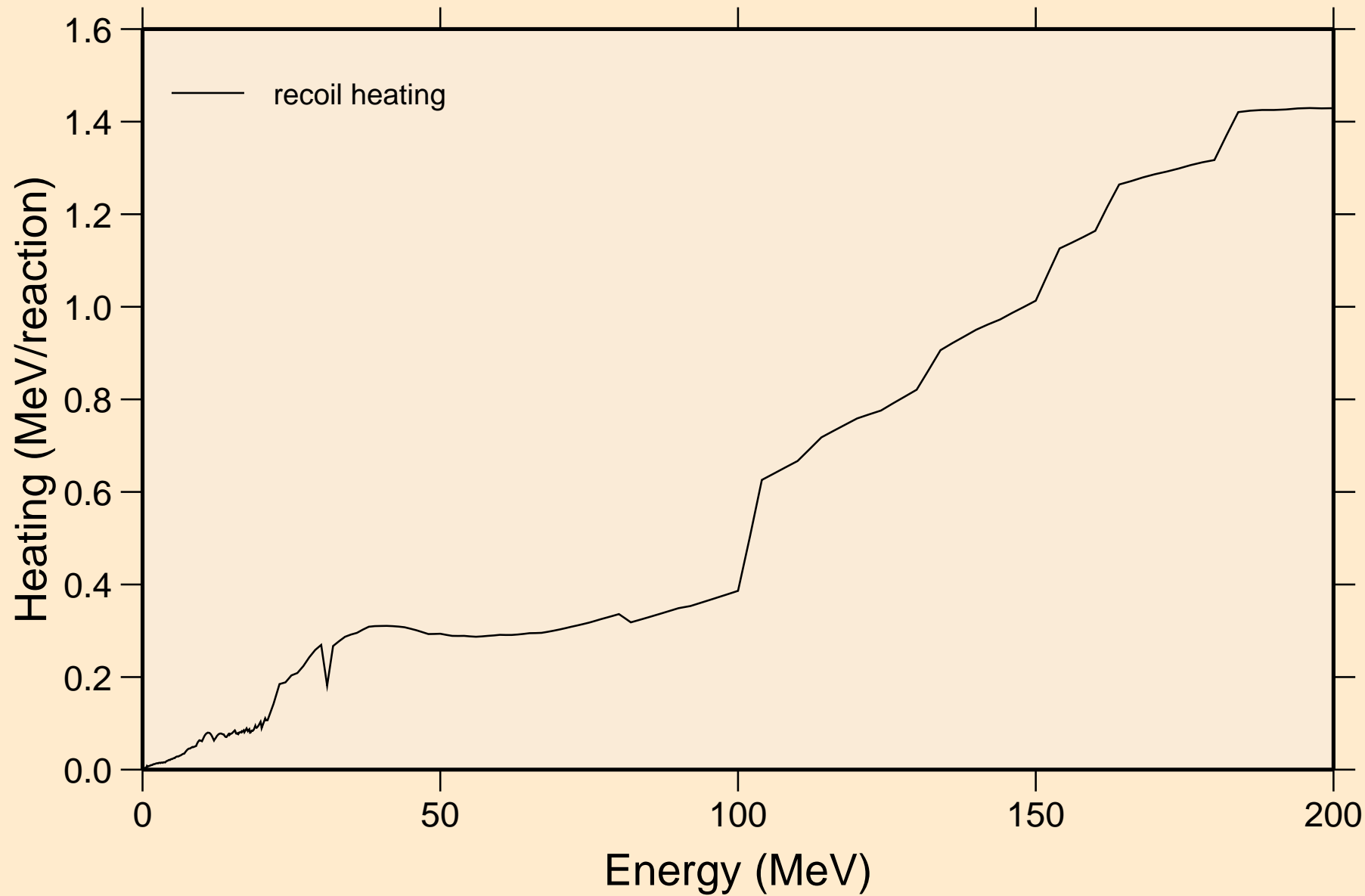


OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

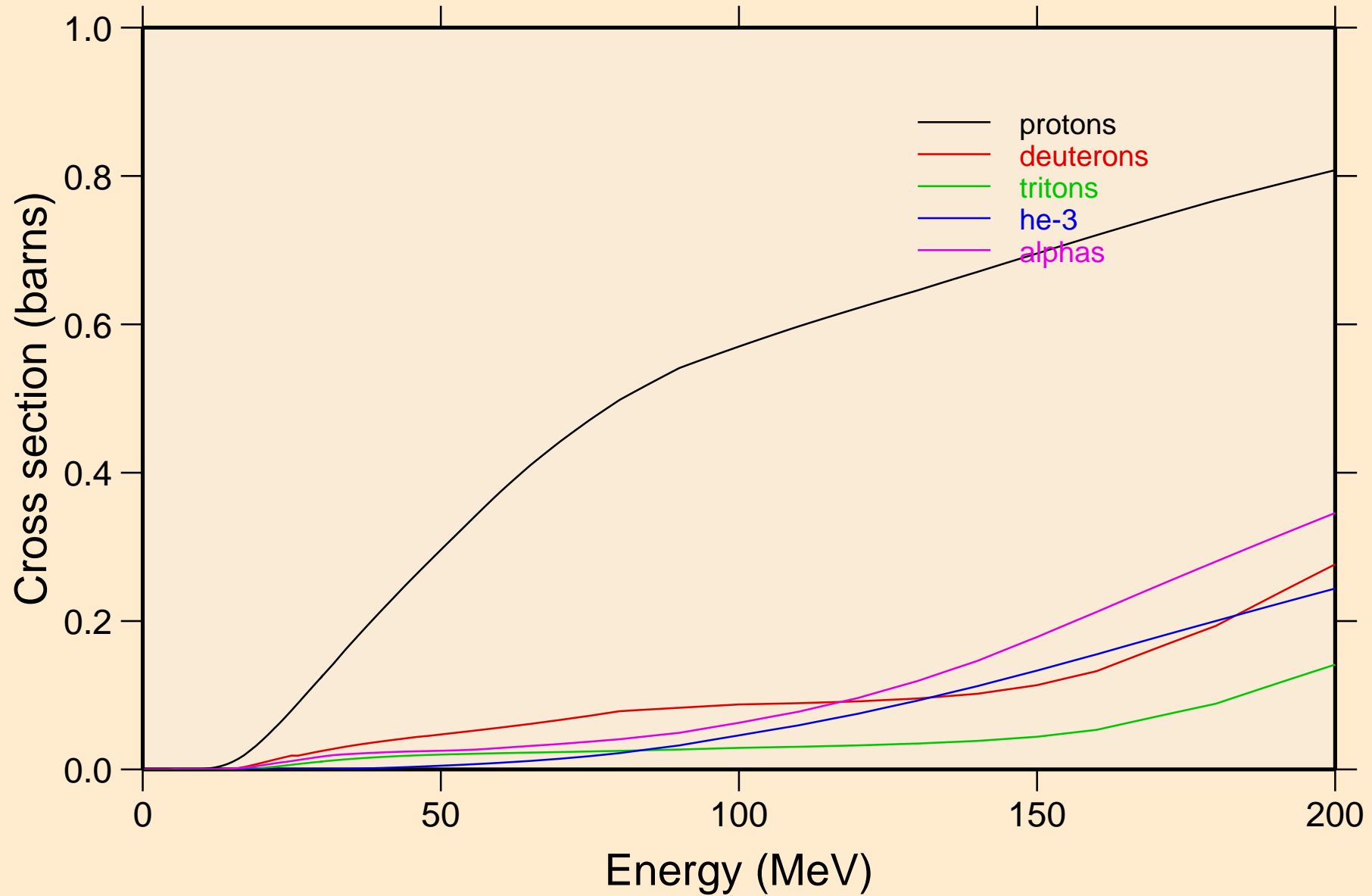
Particle heating contributions



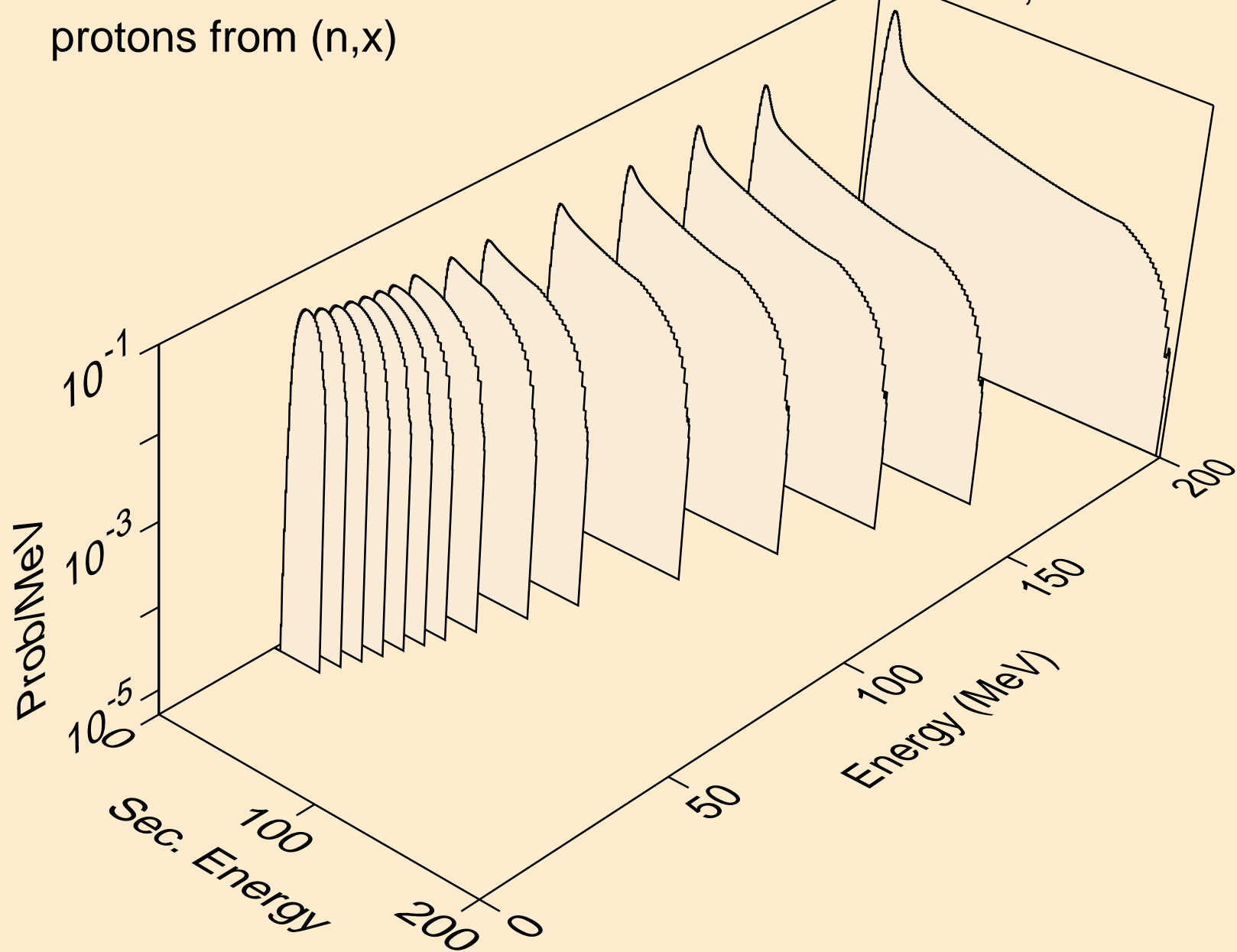
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



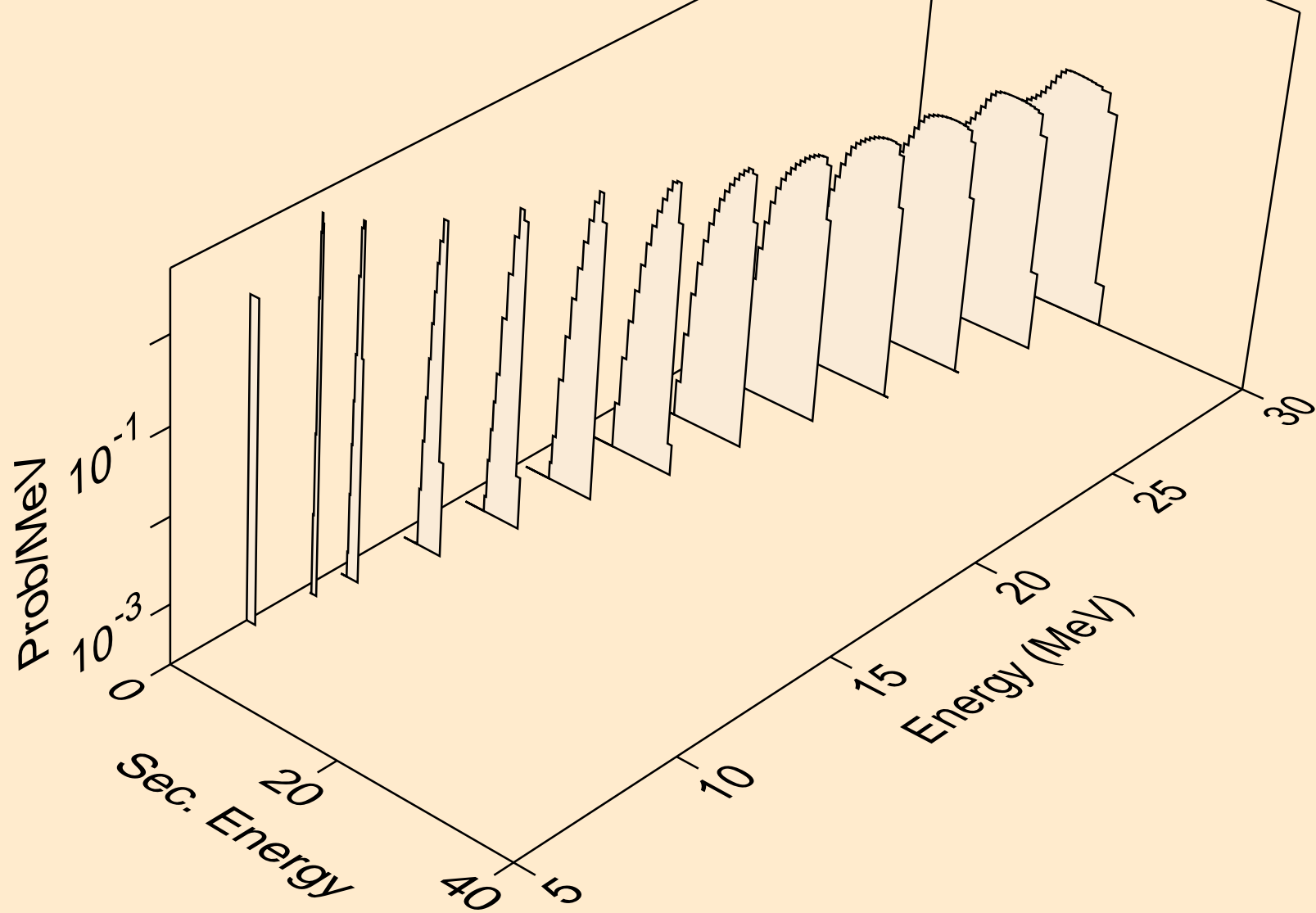
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



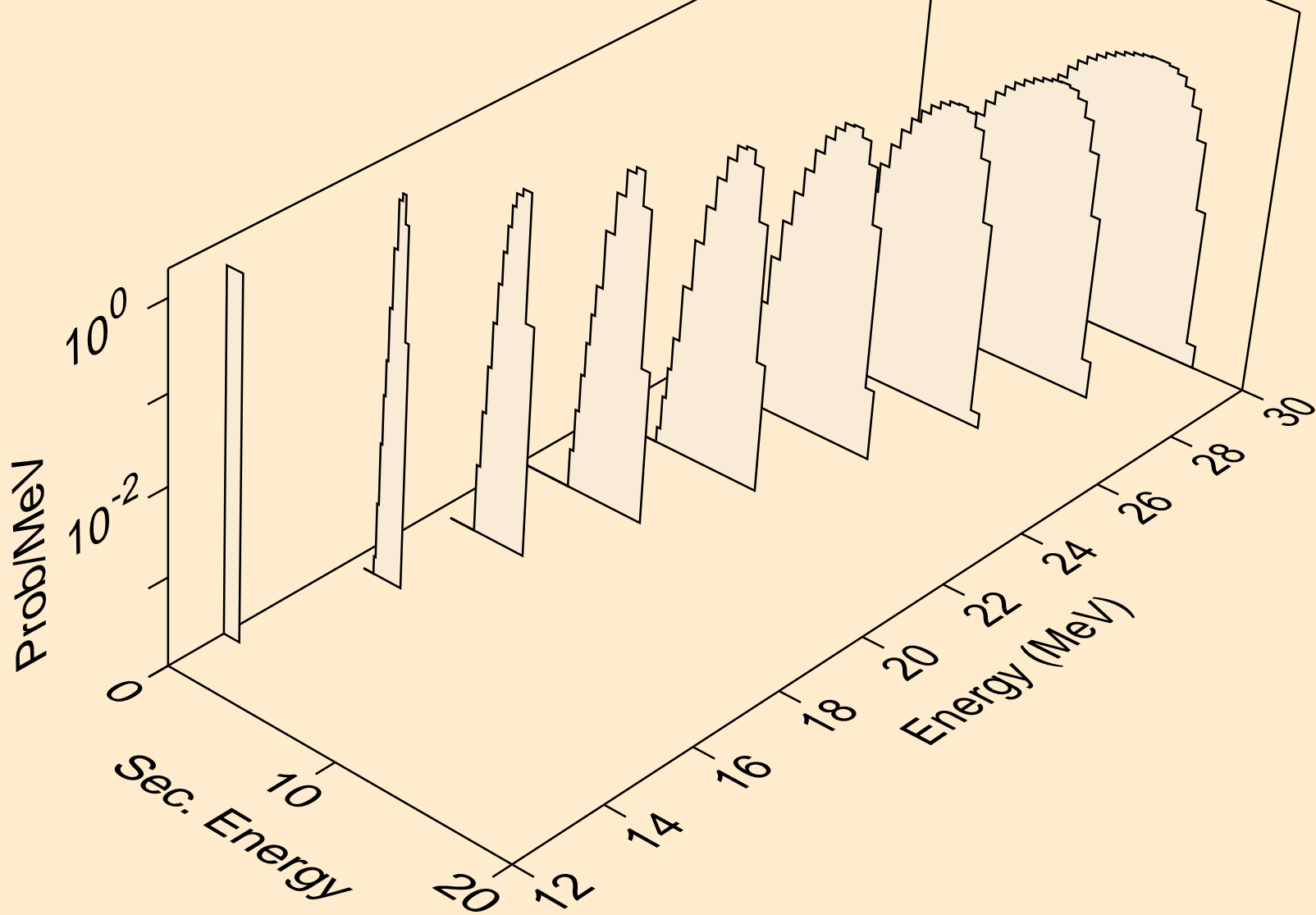
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



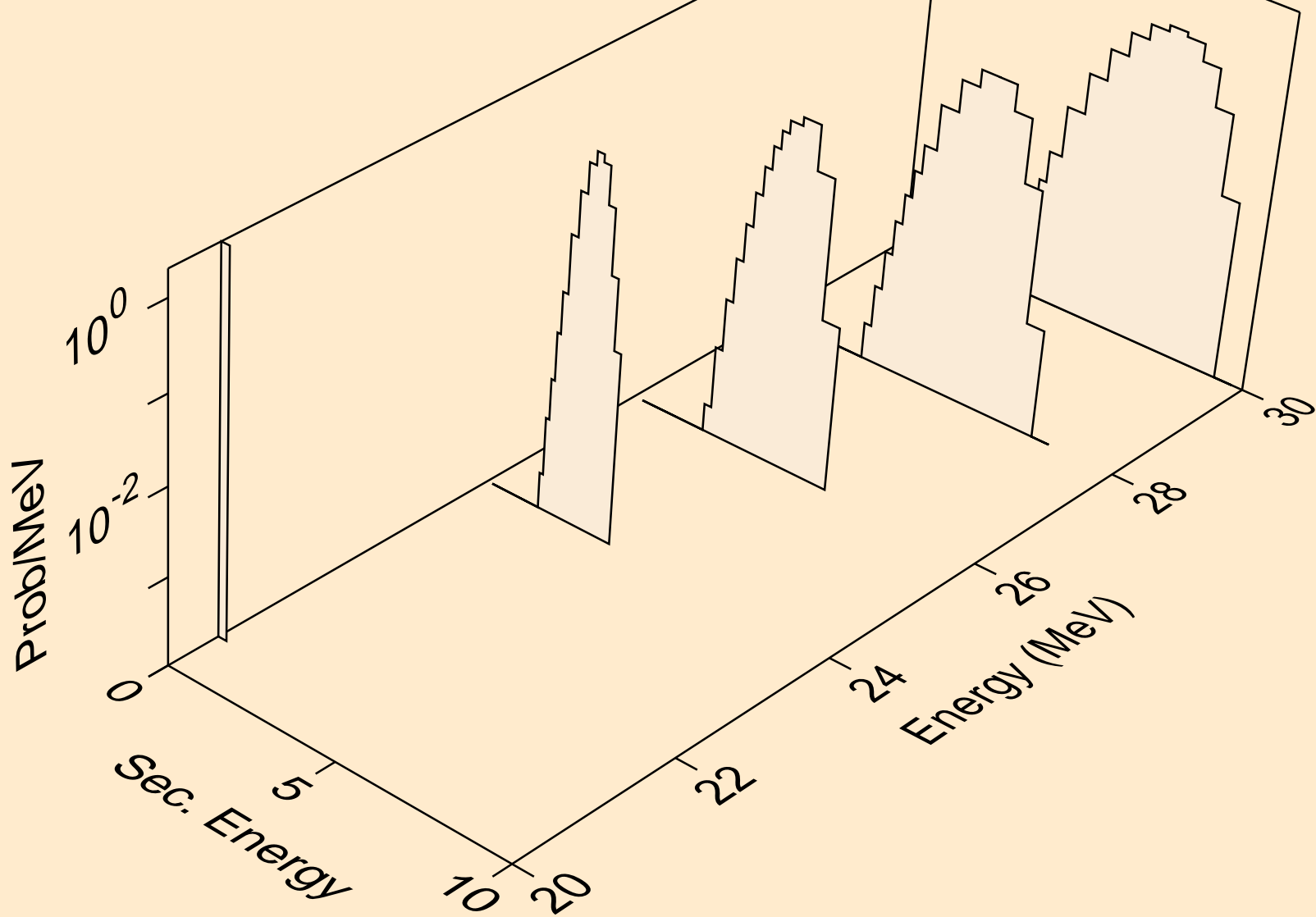
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protons from (n,n*)p



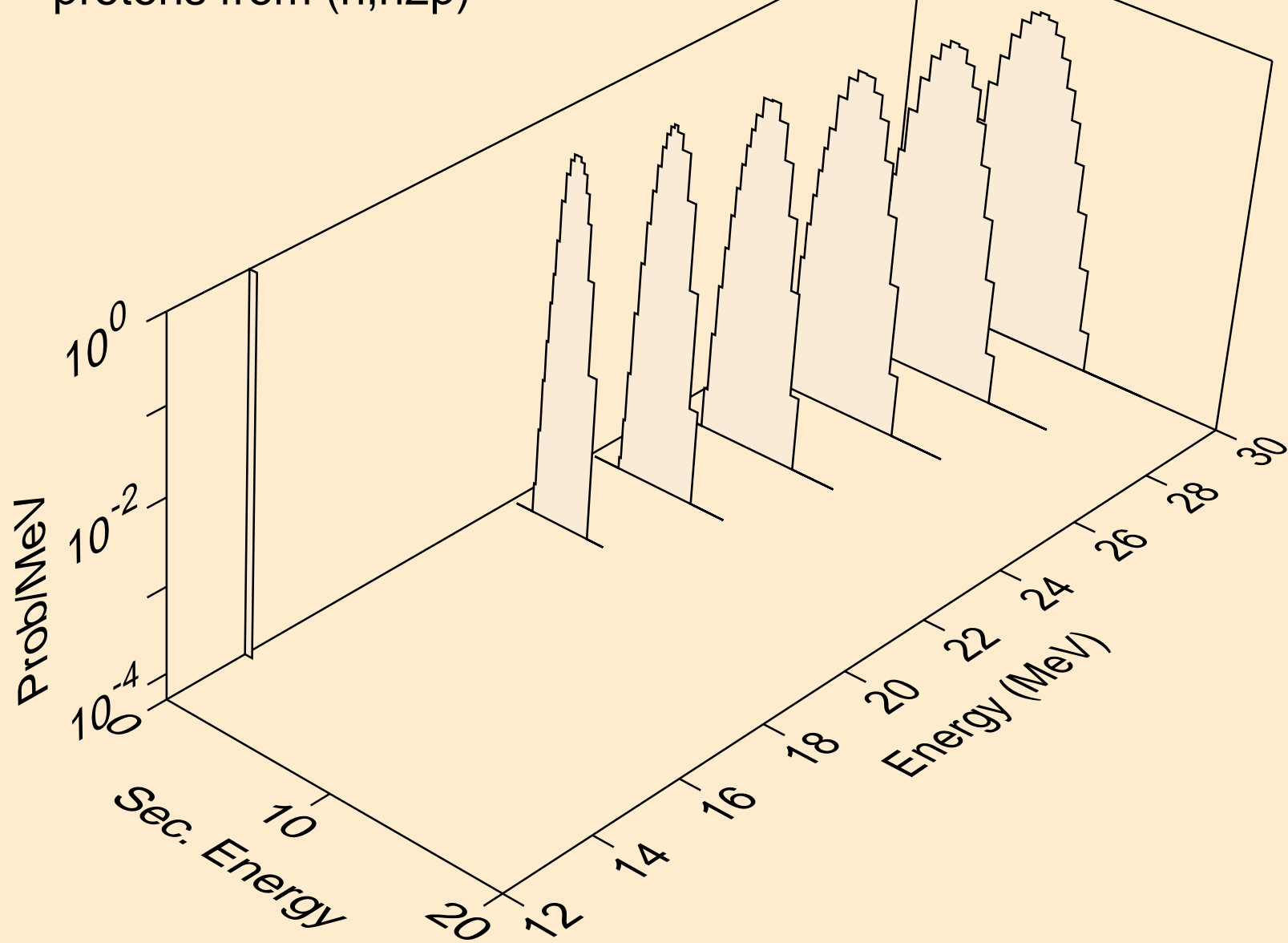
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protons from (n,2np)



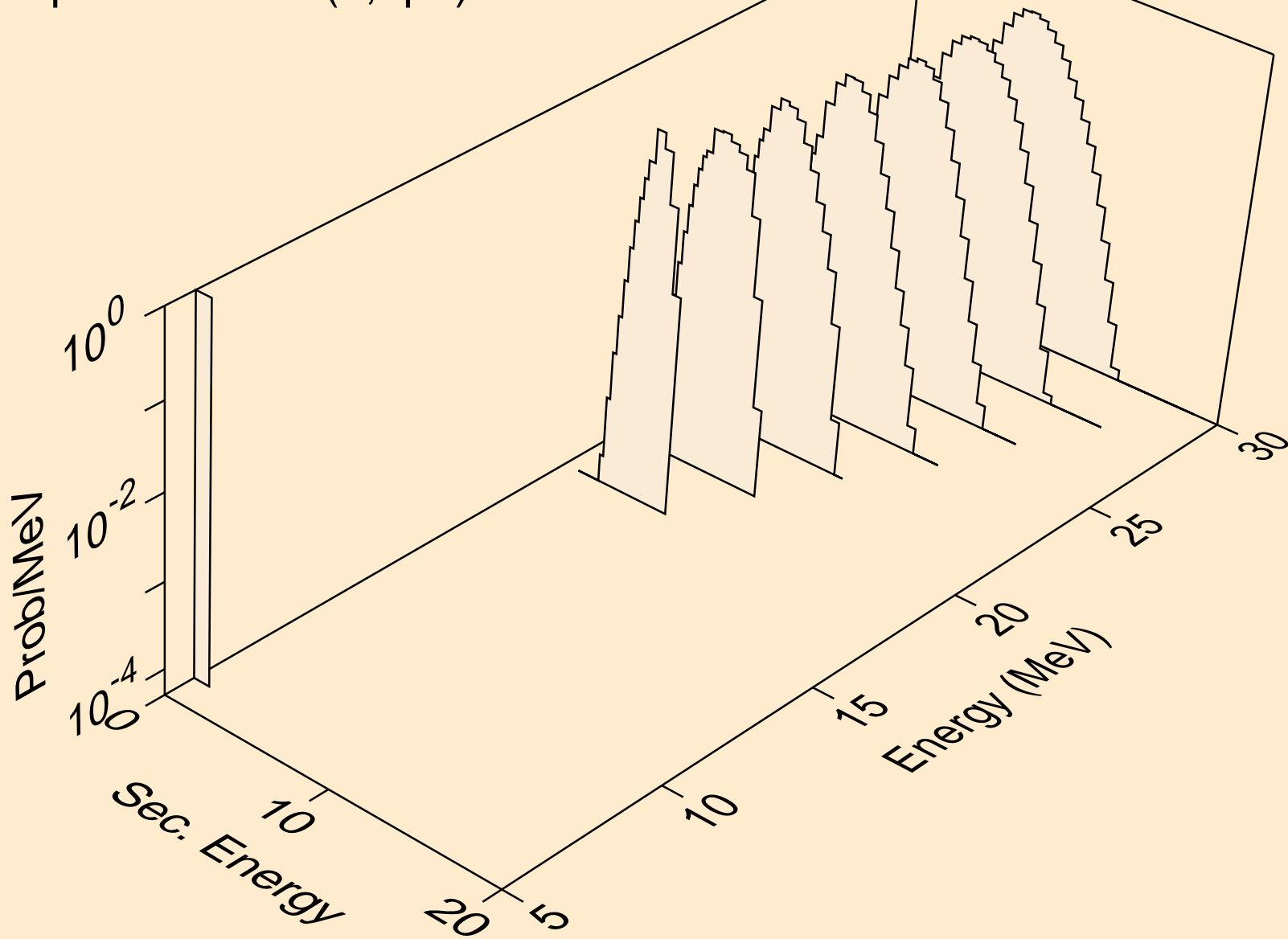
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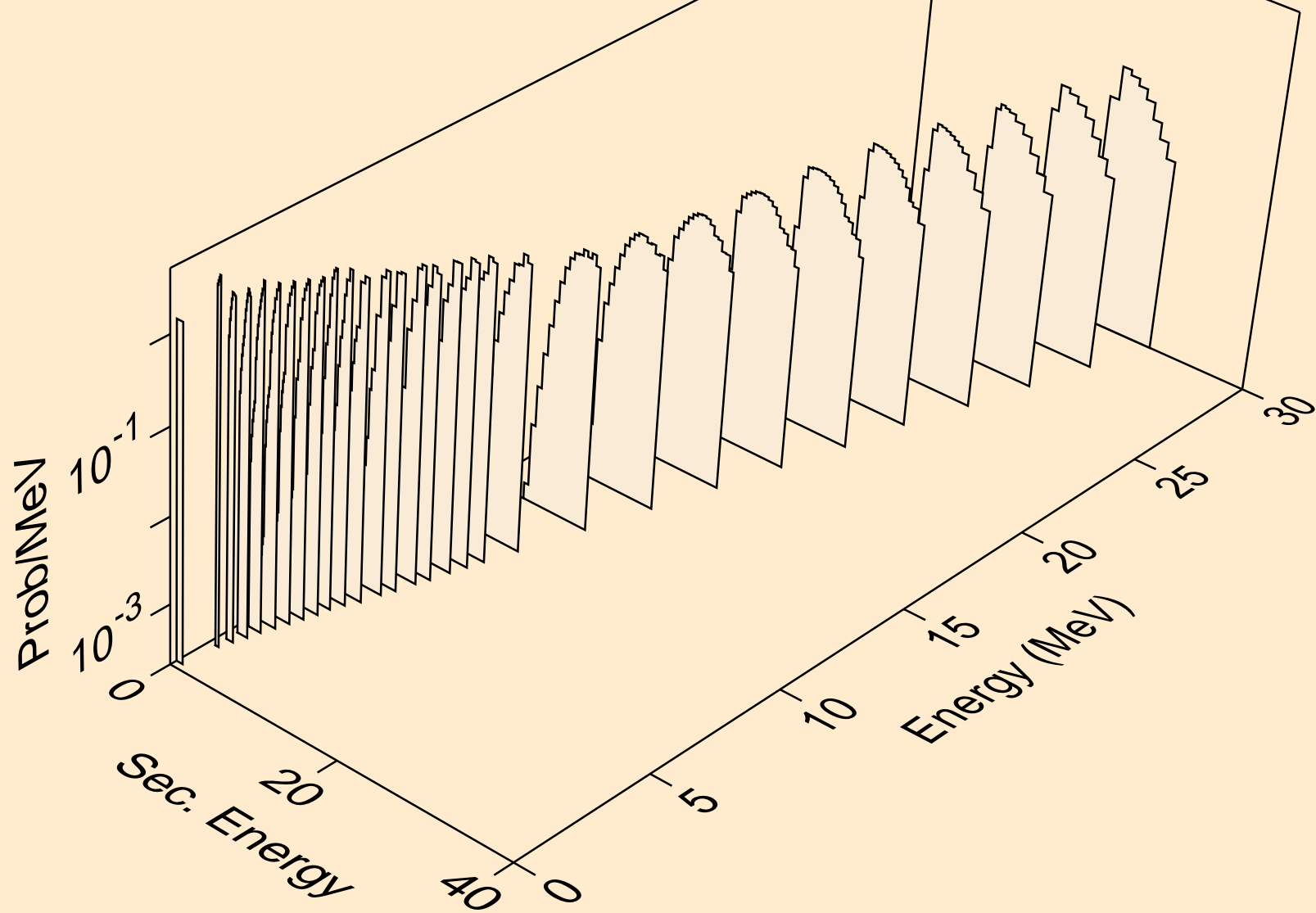
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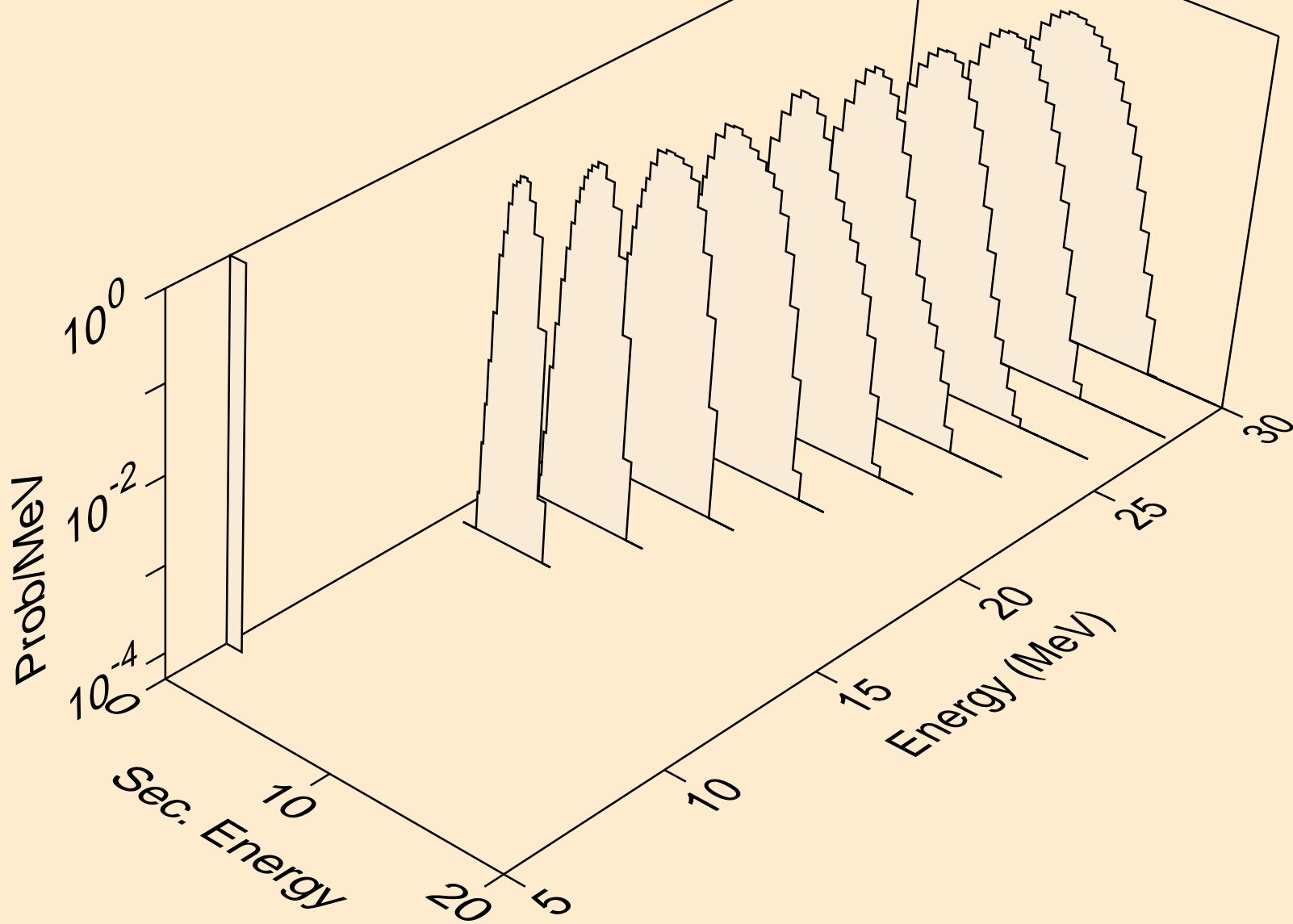
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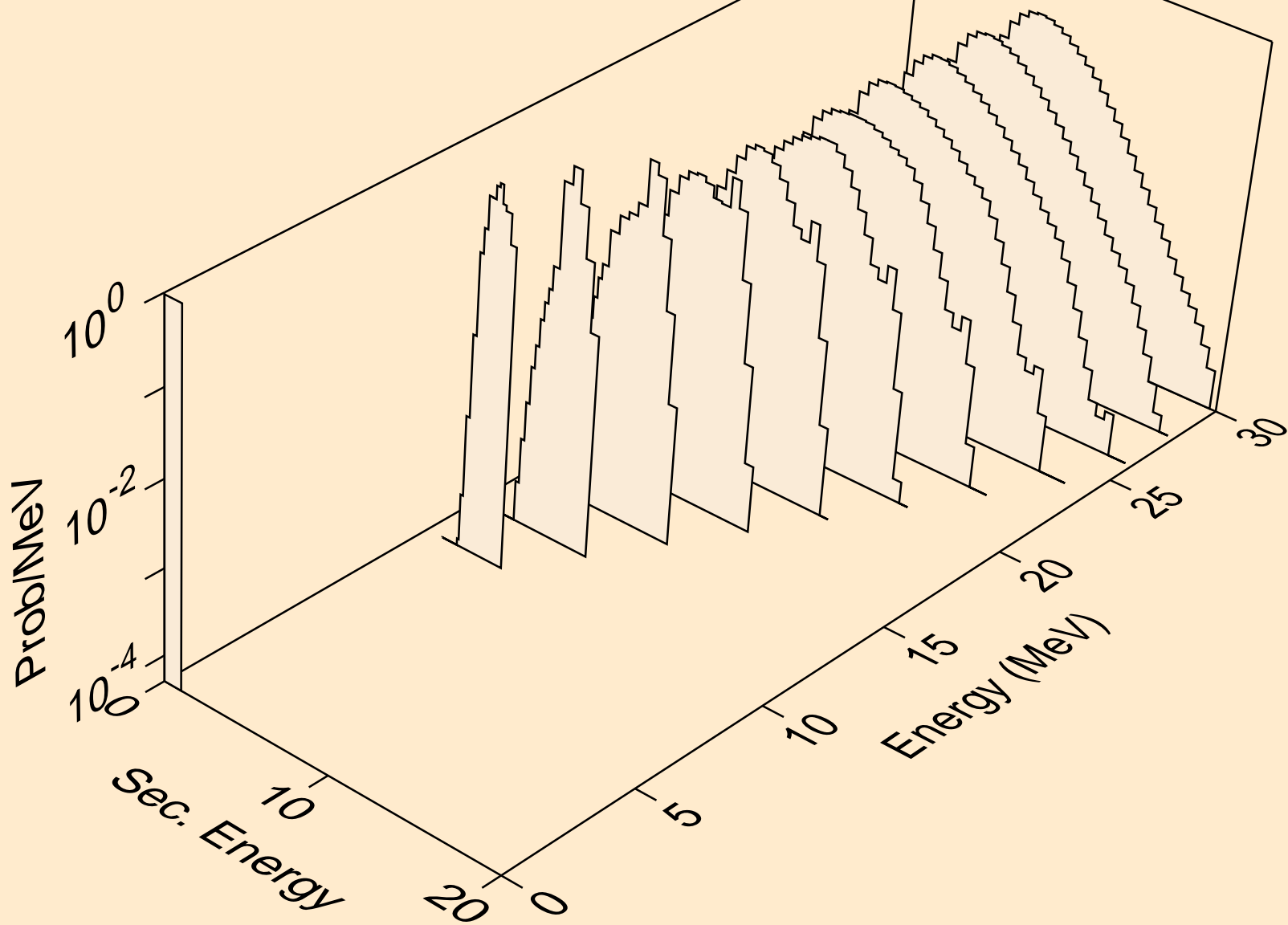
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protons from (n,p)



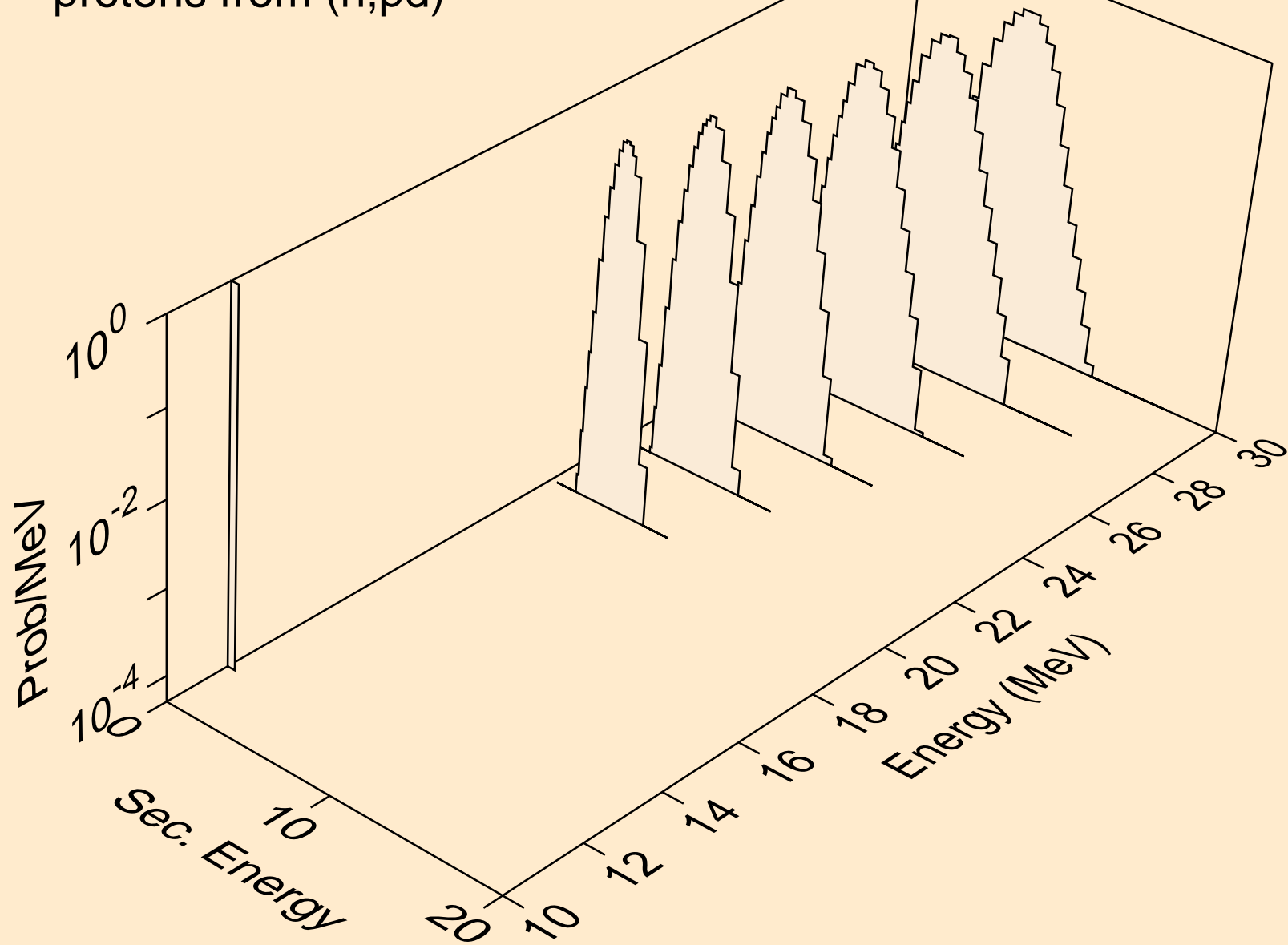
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protons from (n,2p)



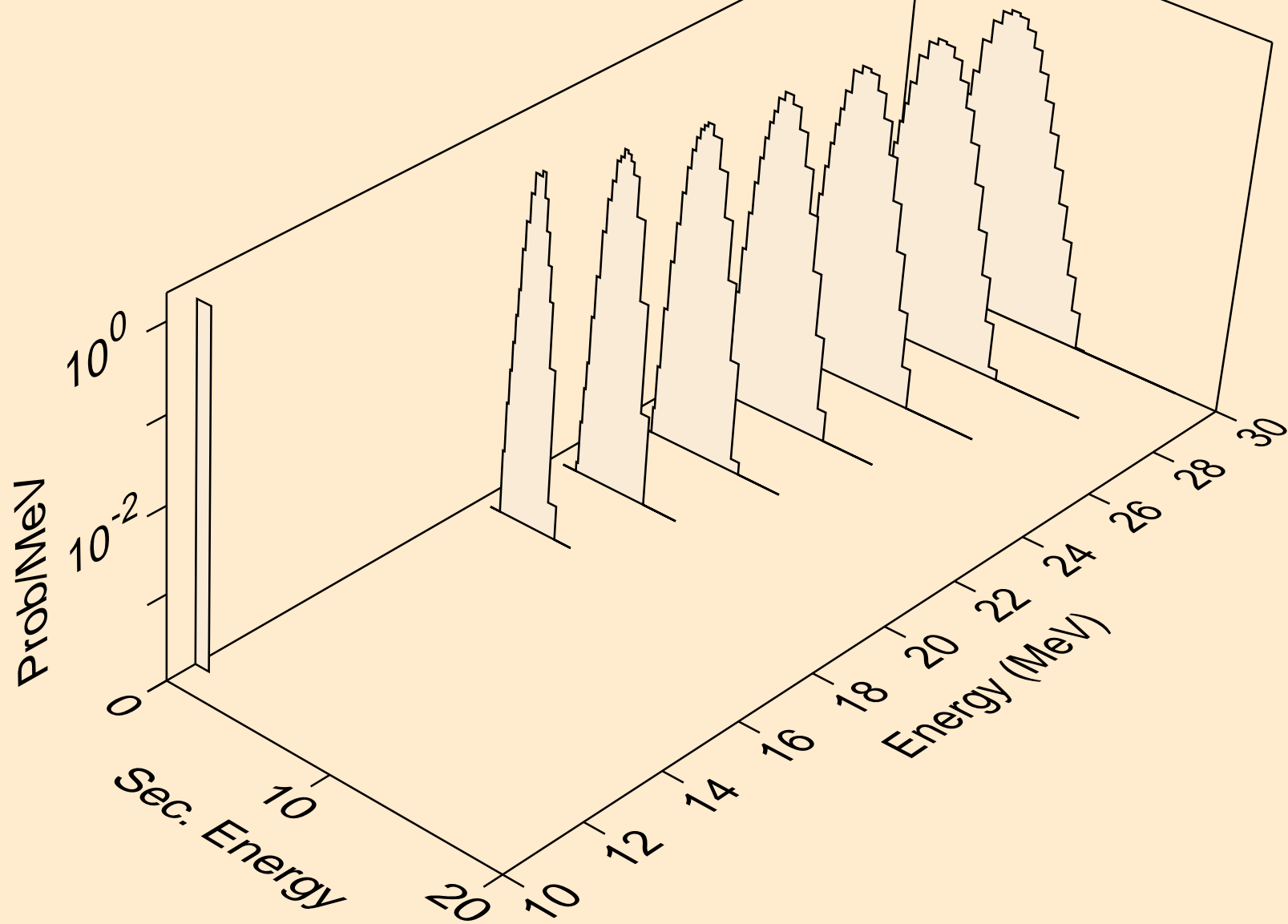
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protons from (n,p)



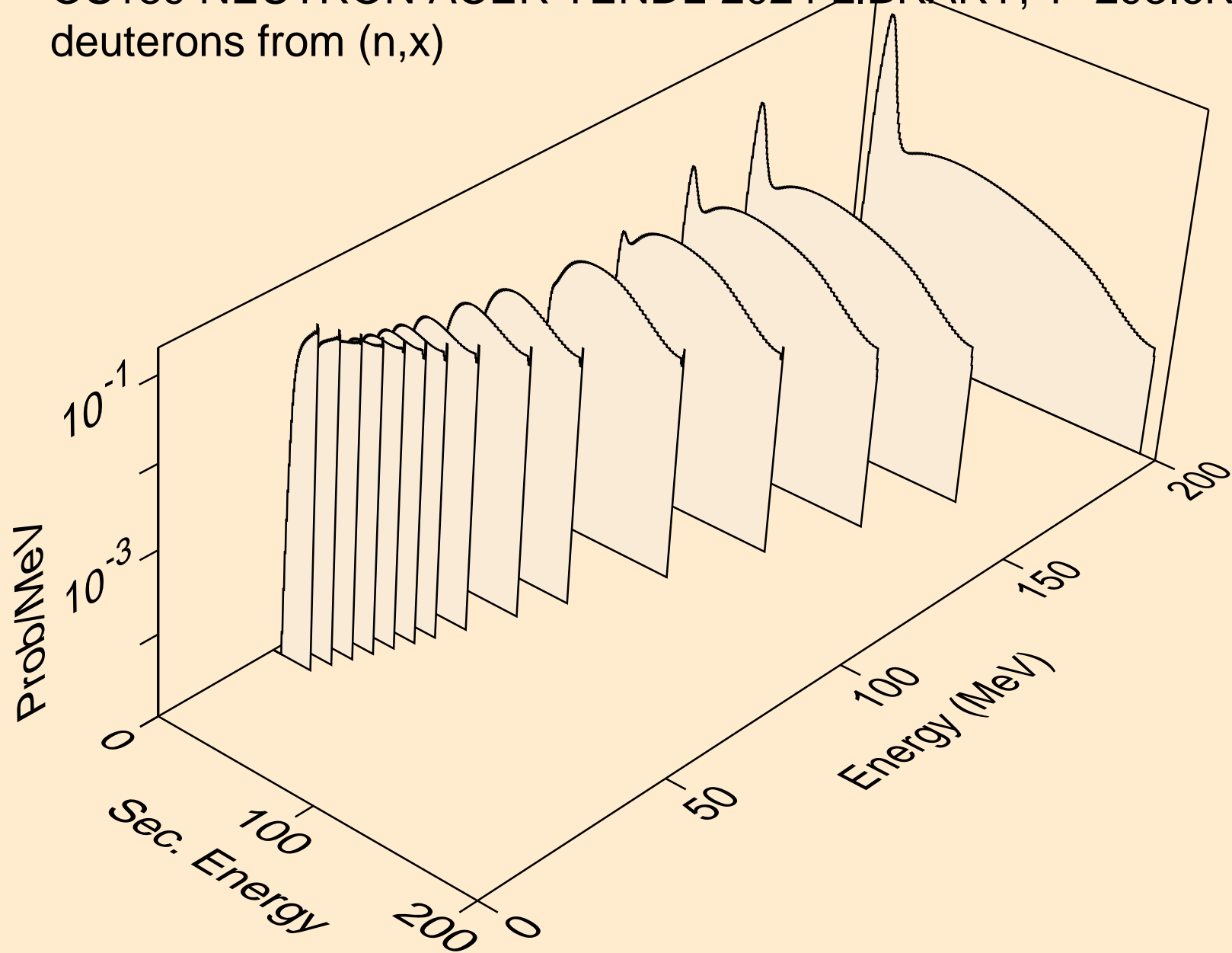
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protons from (n,pd)



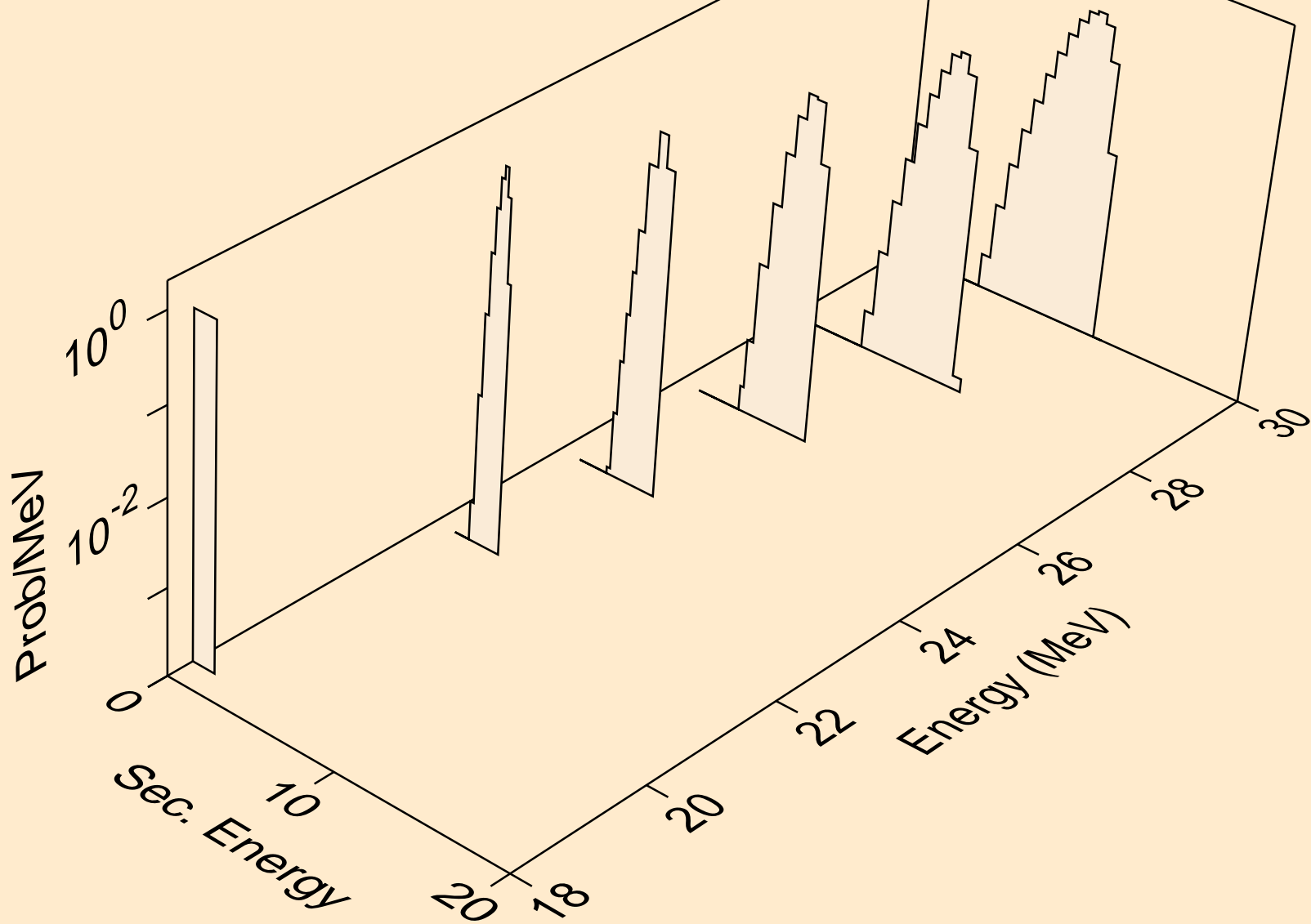
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protons from (n,pt)



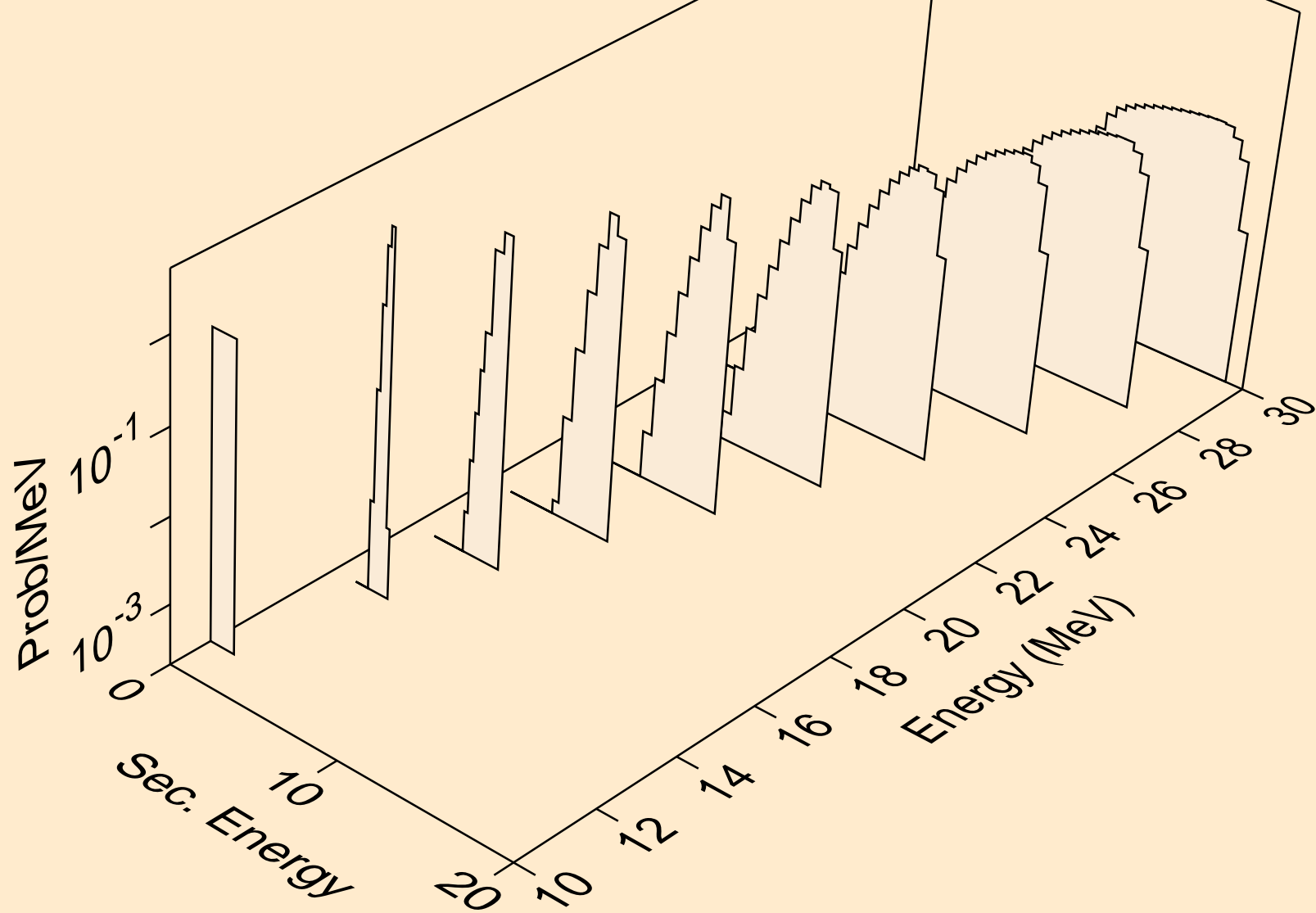
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



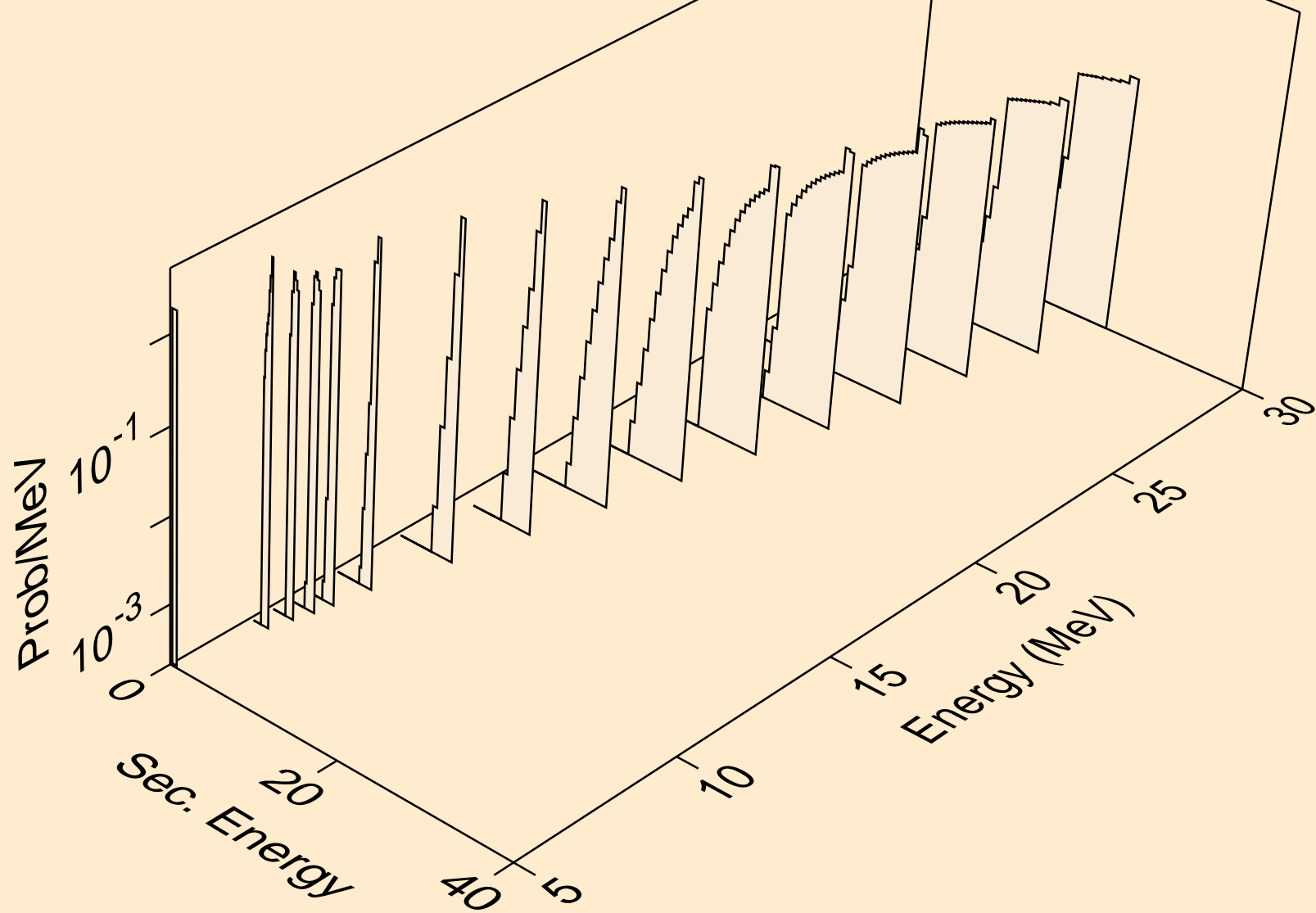
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deuterons from (n,2nd)



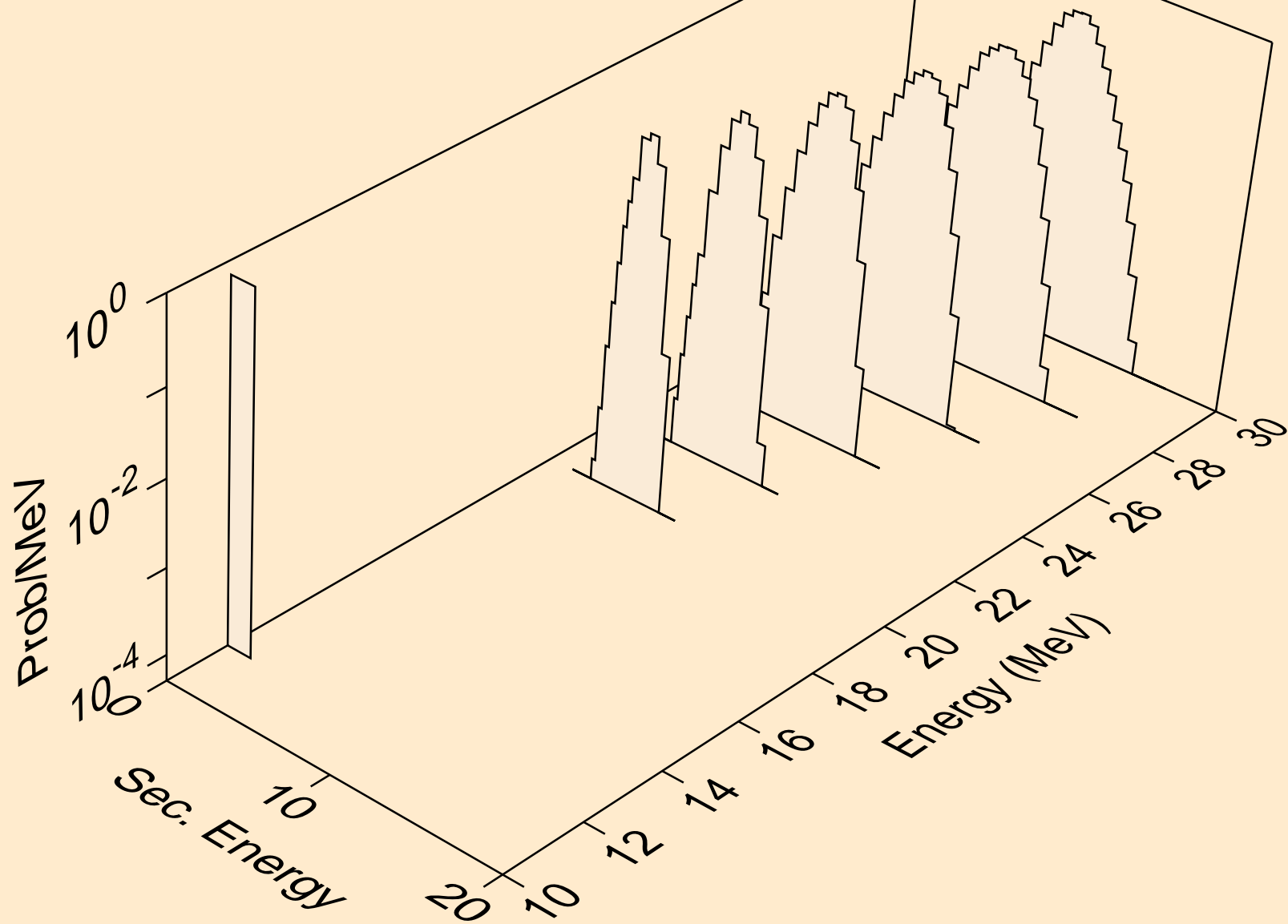
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



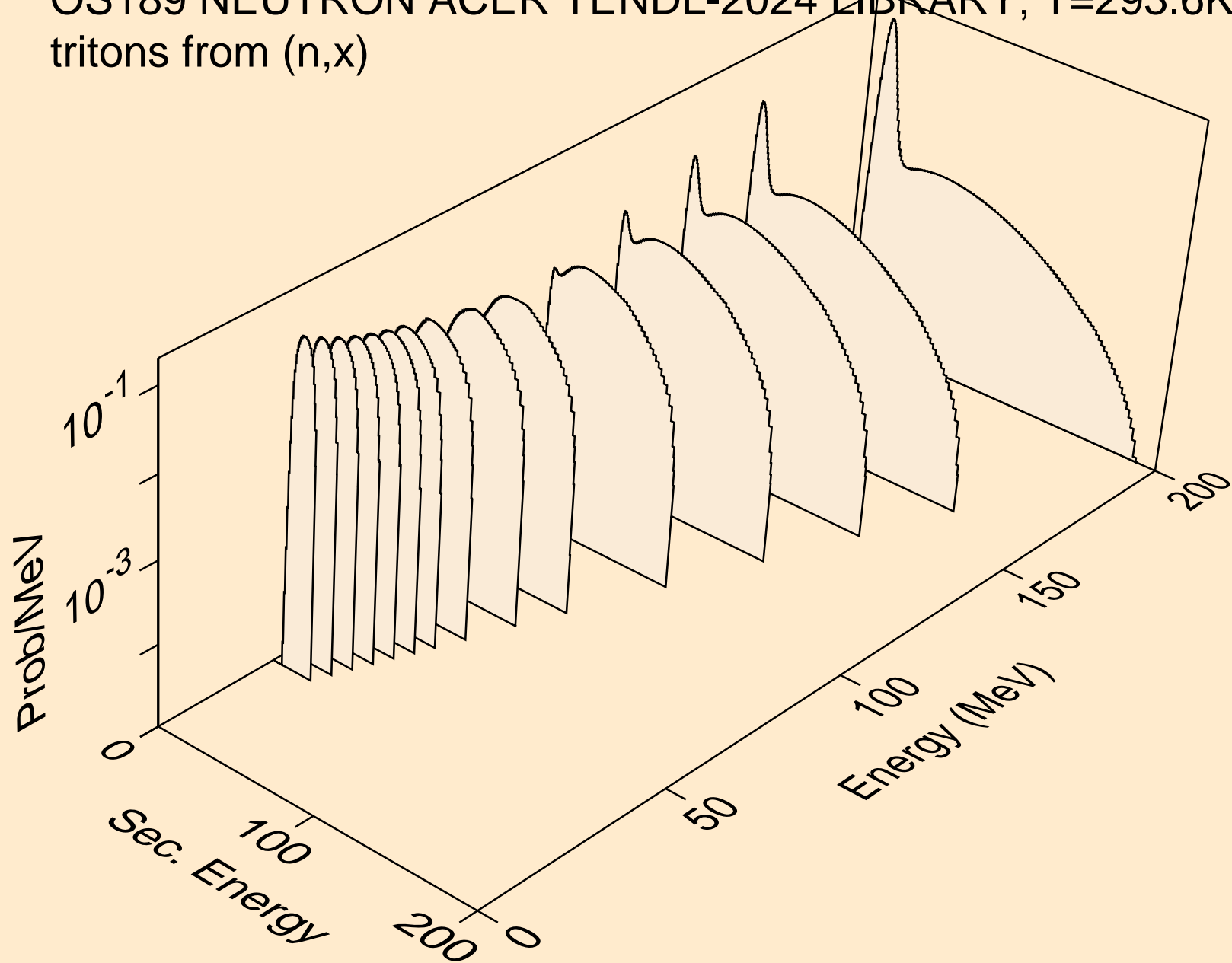
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deuterons from (n,d)



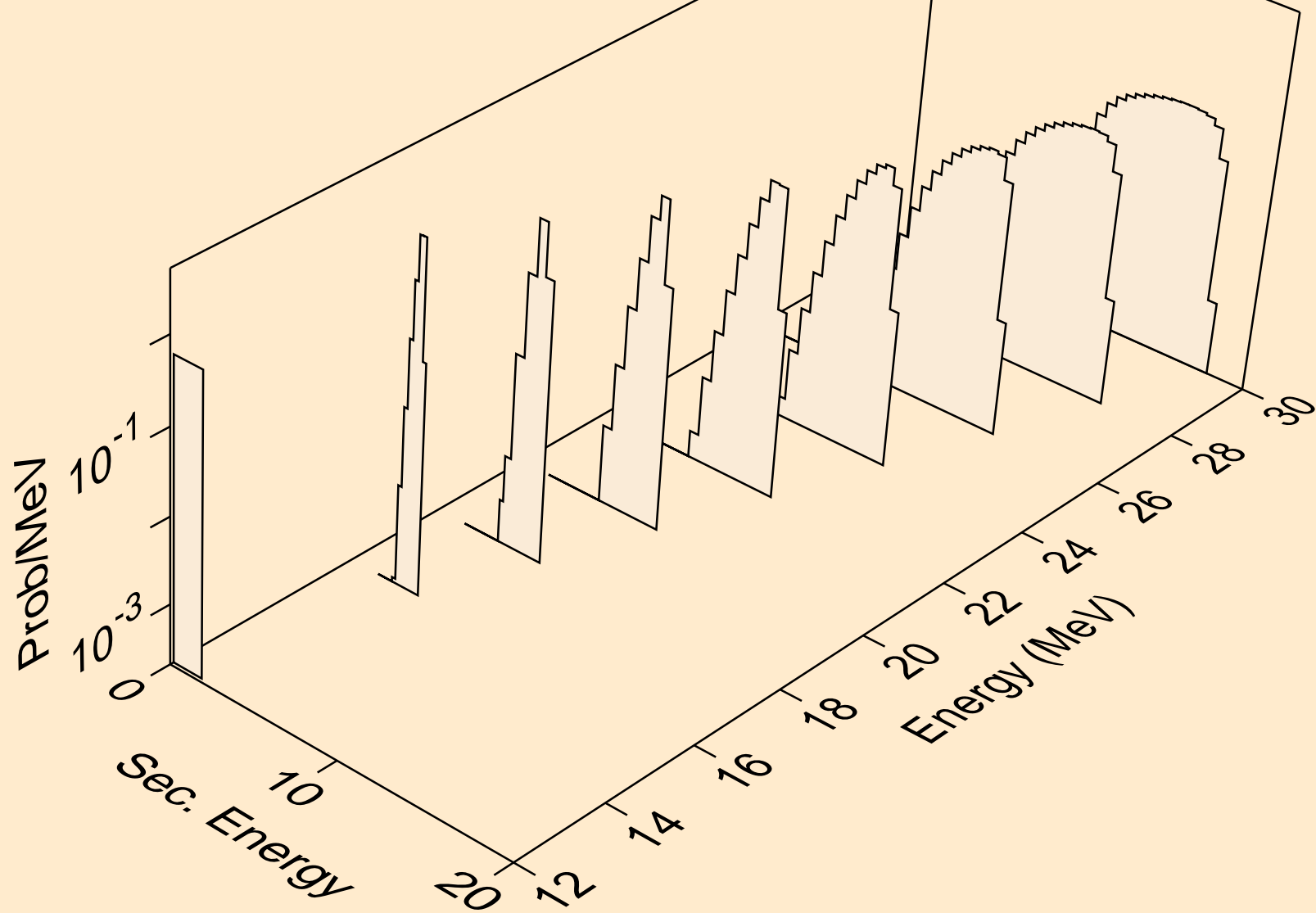
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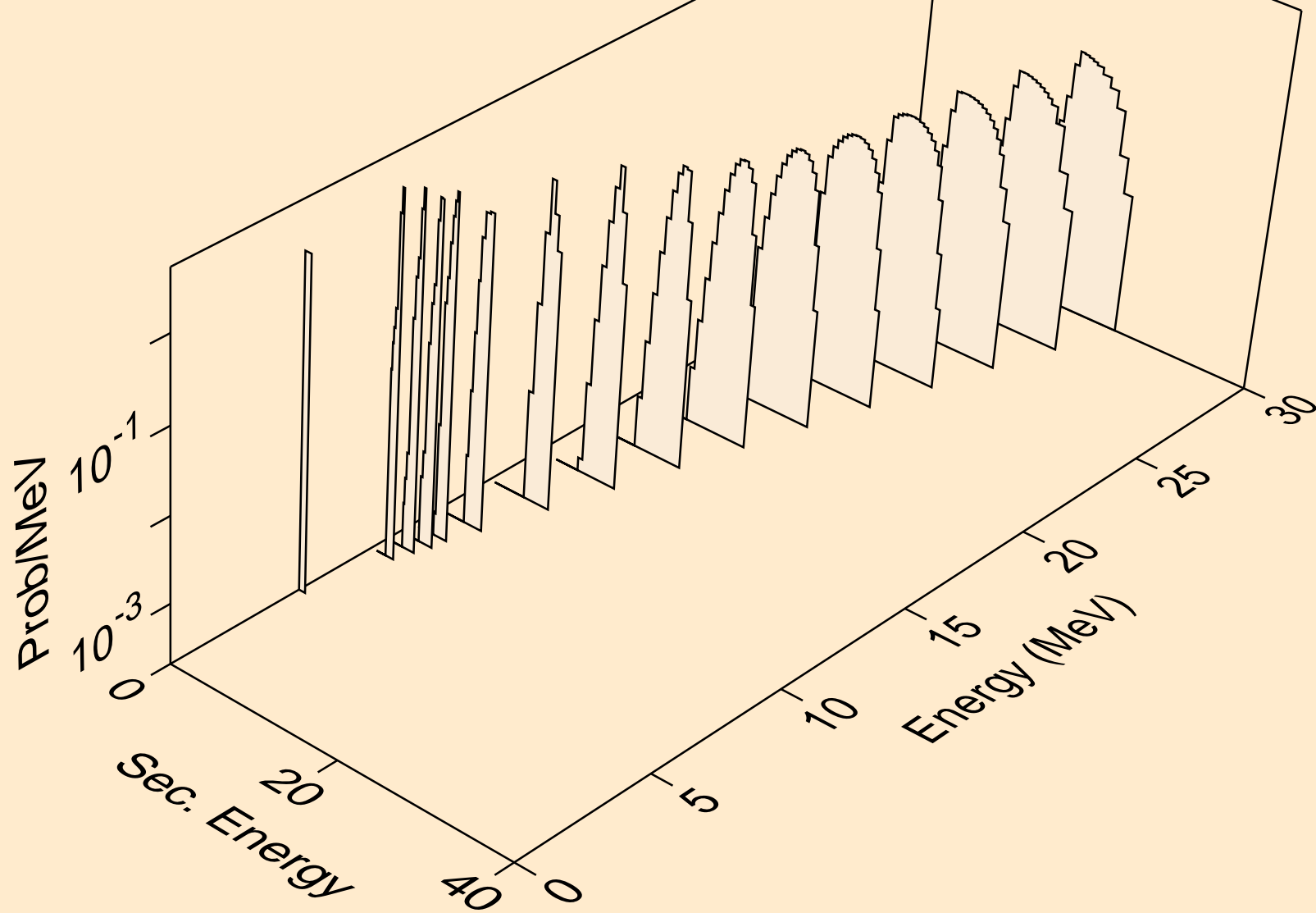
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tritons from (n,x)



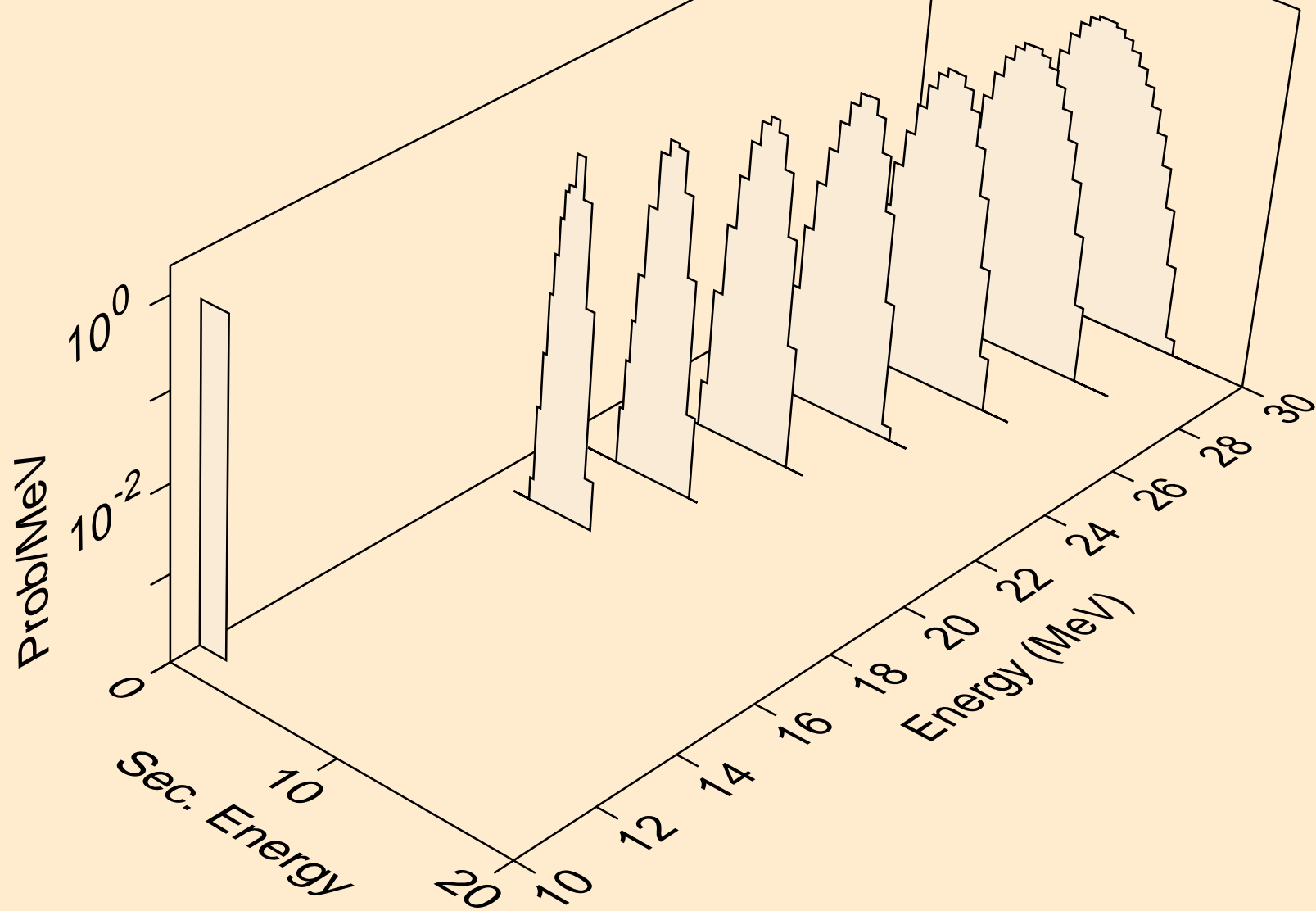
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tritons from (n,n*)t



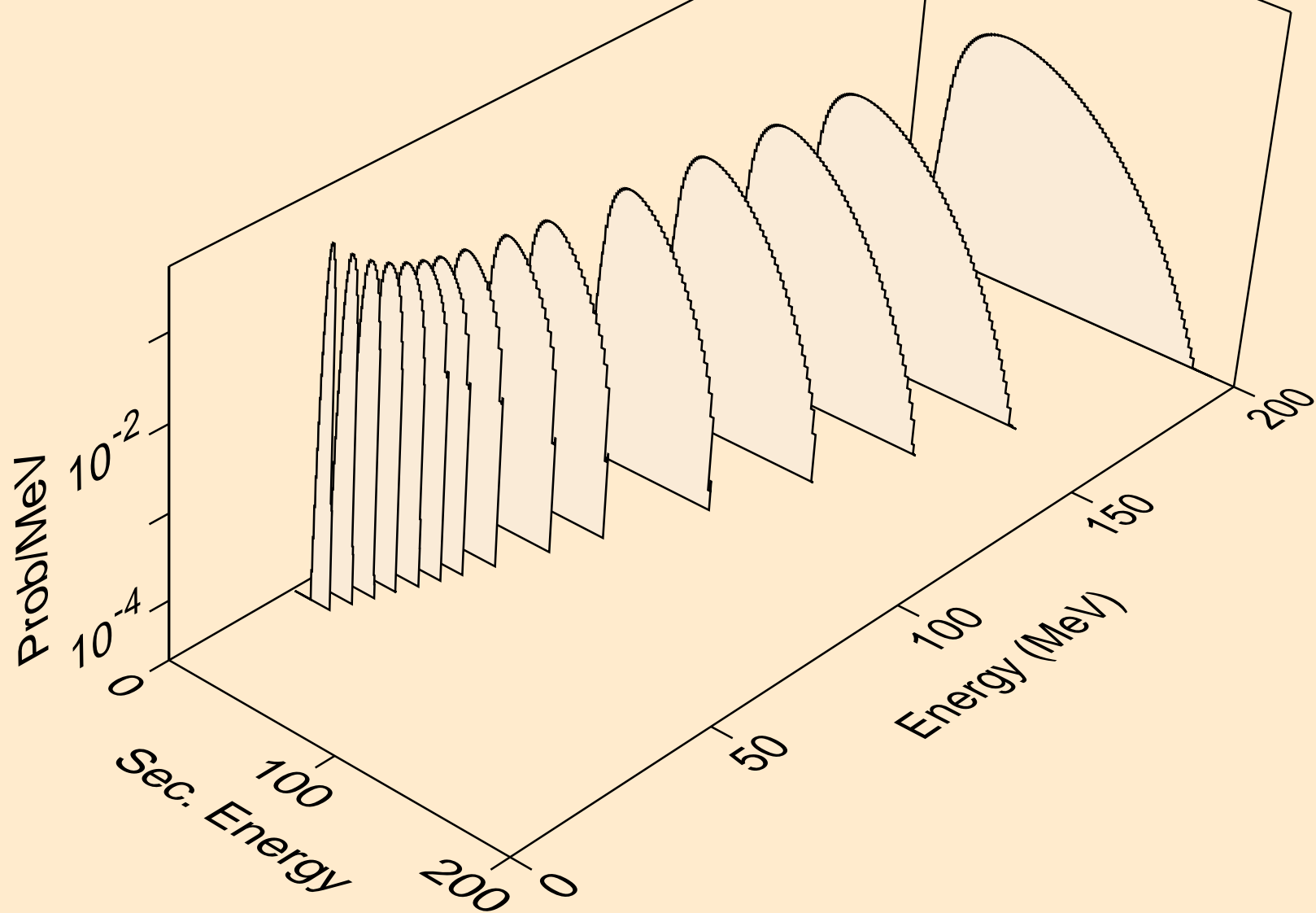
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tritons from (n,t)



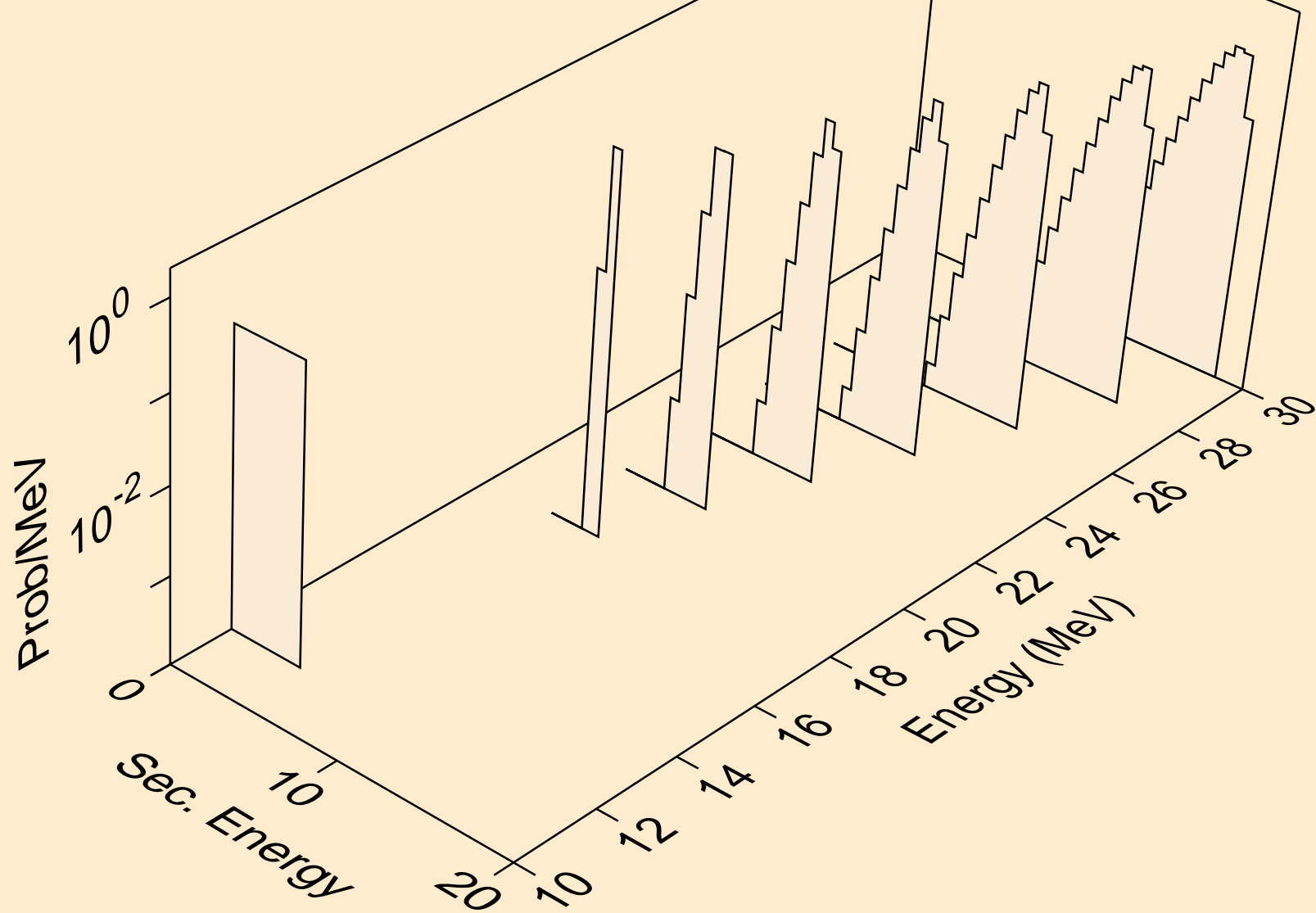
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tritons from (n,pt)



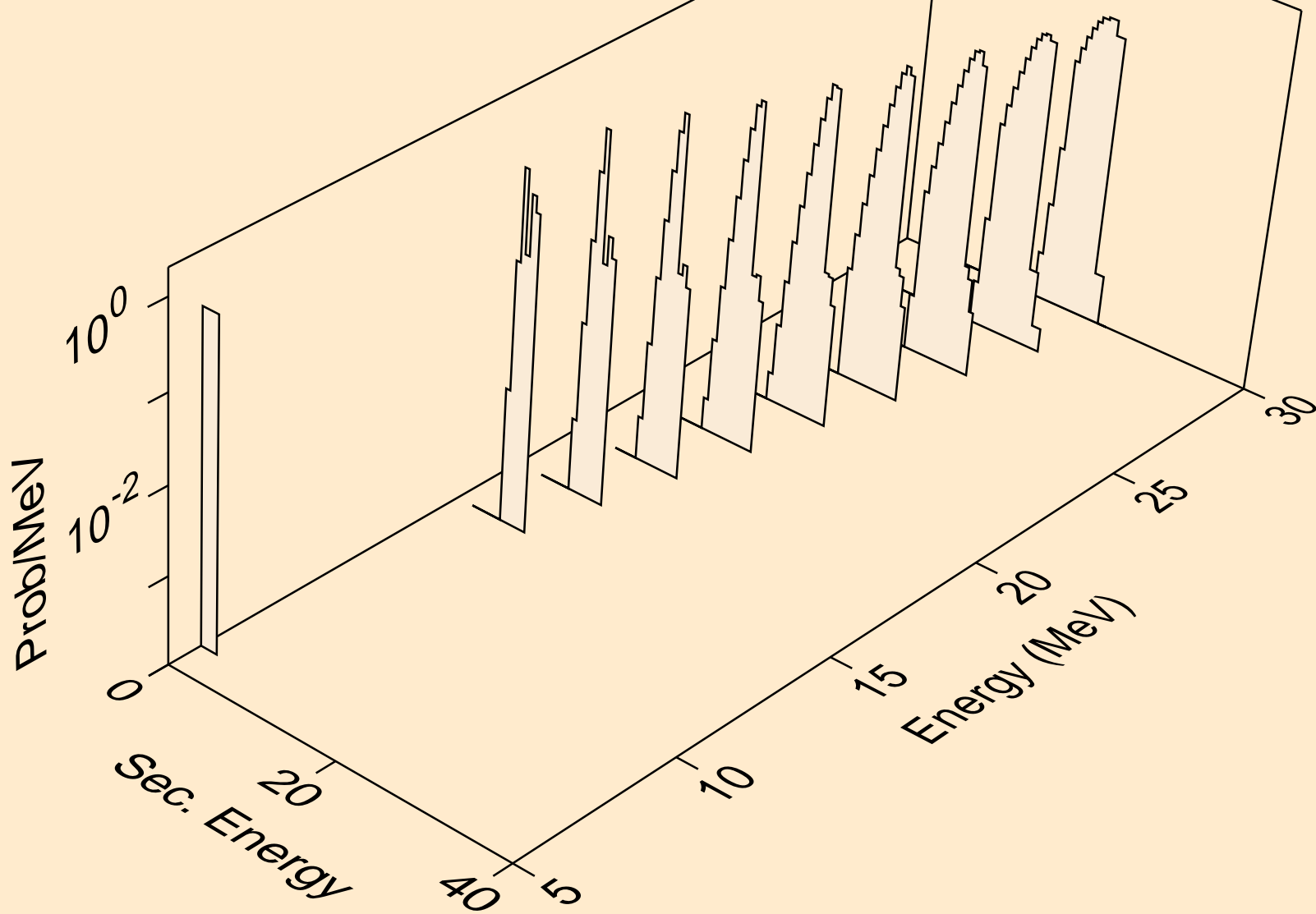
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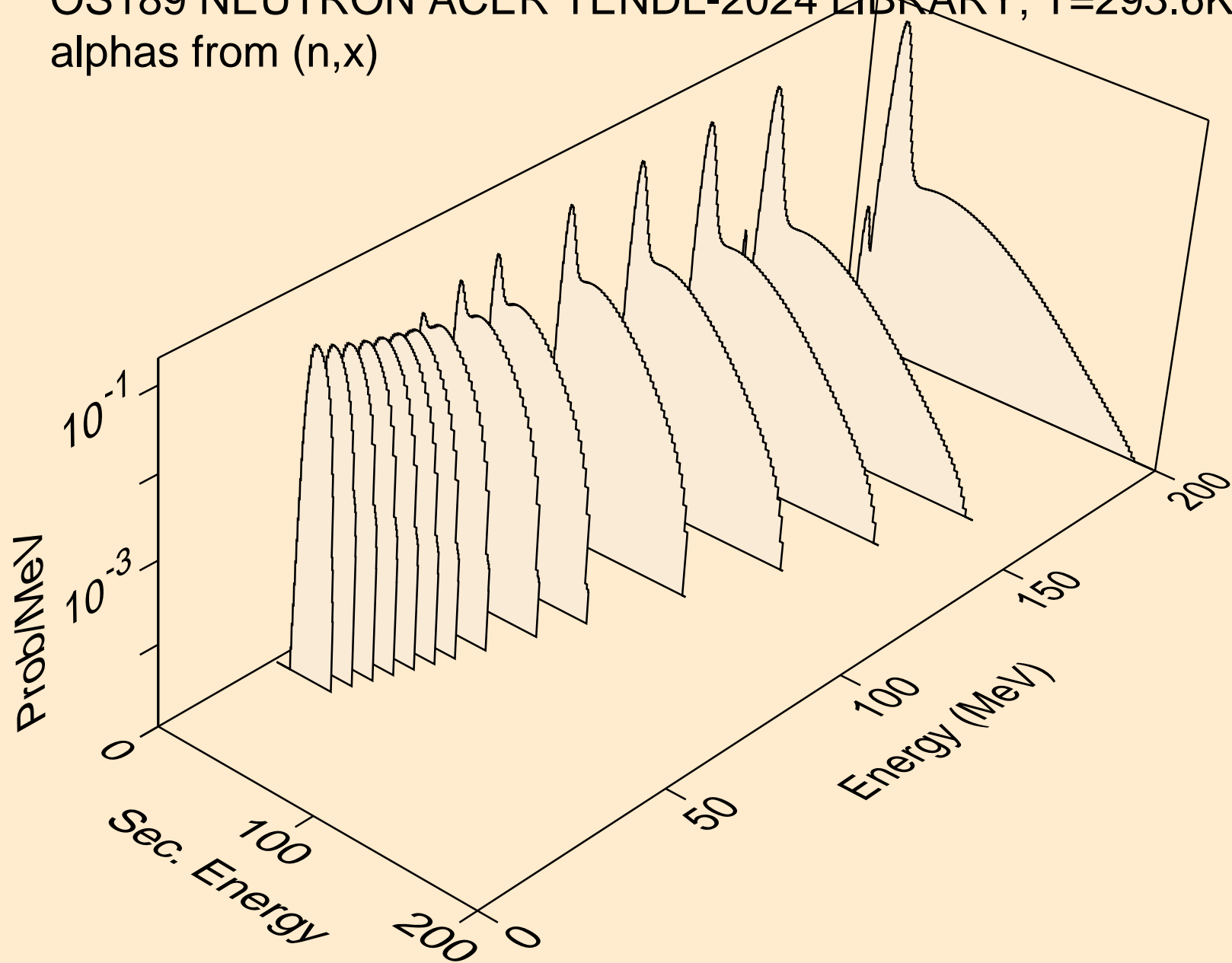
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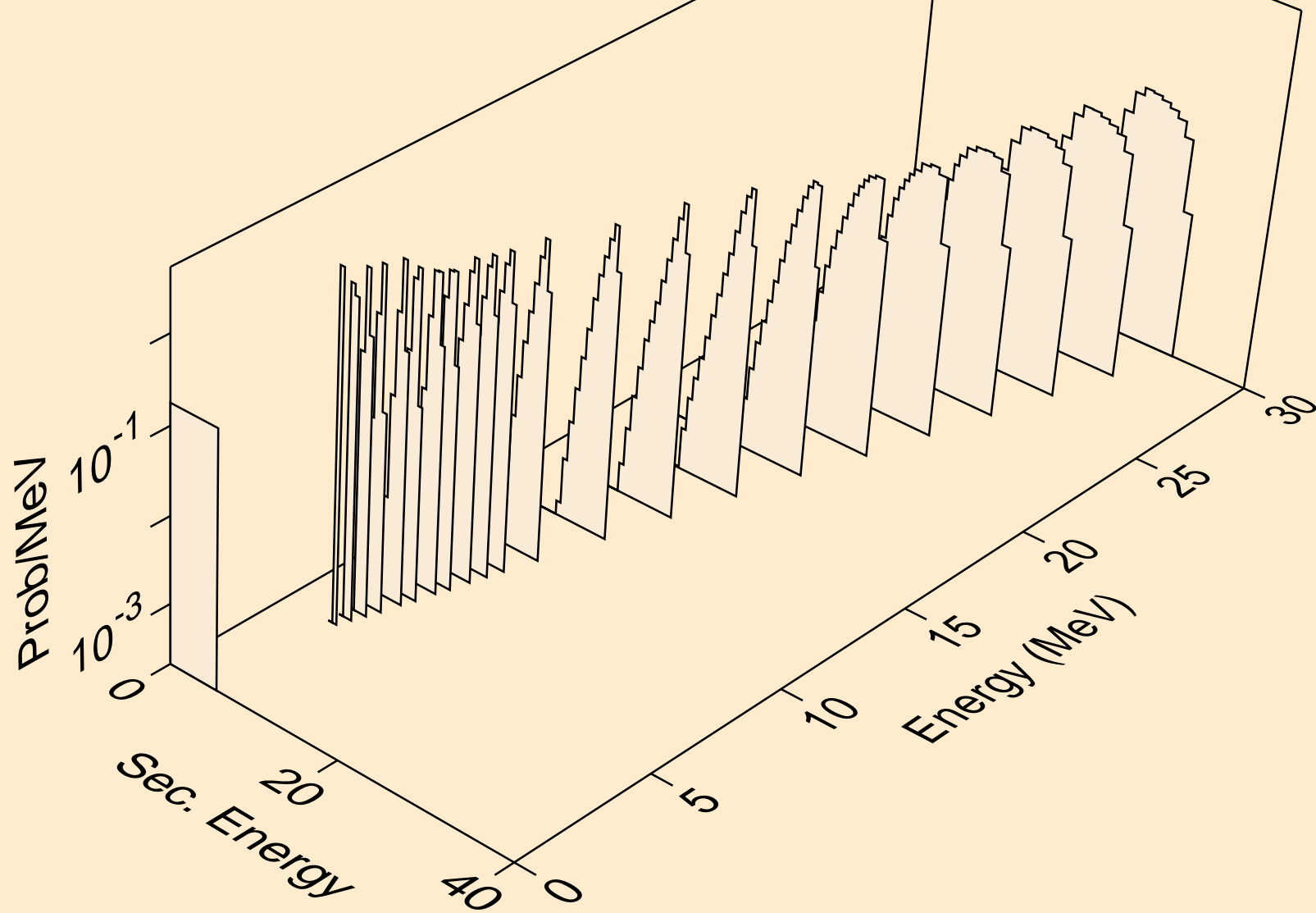
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he3s from (n,he3)



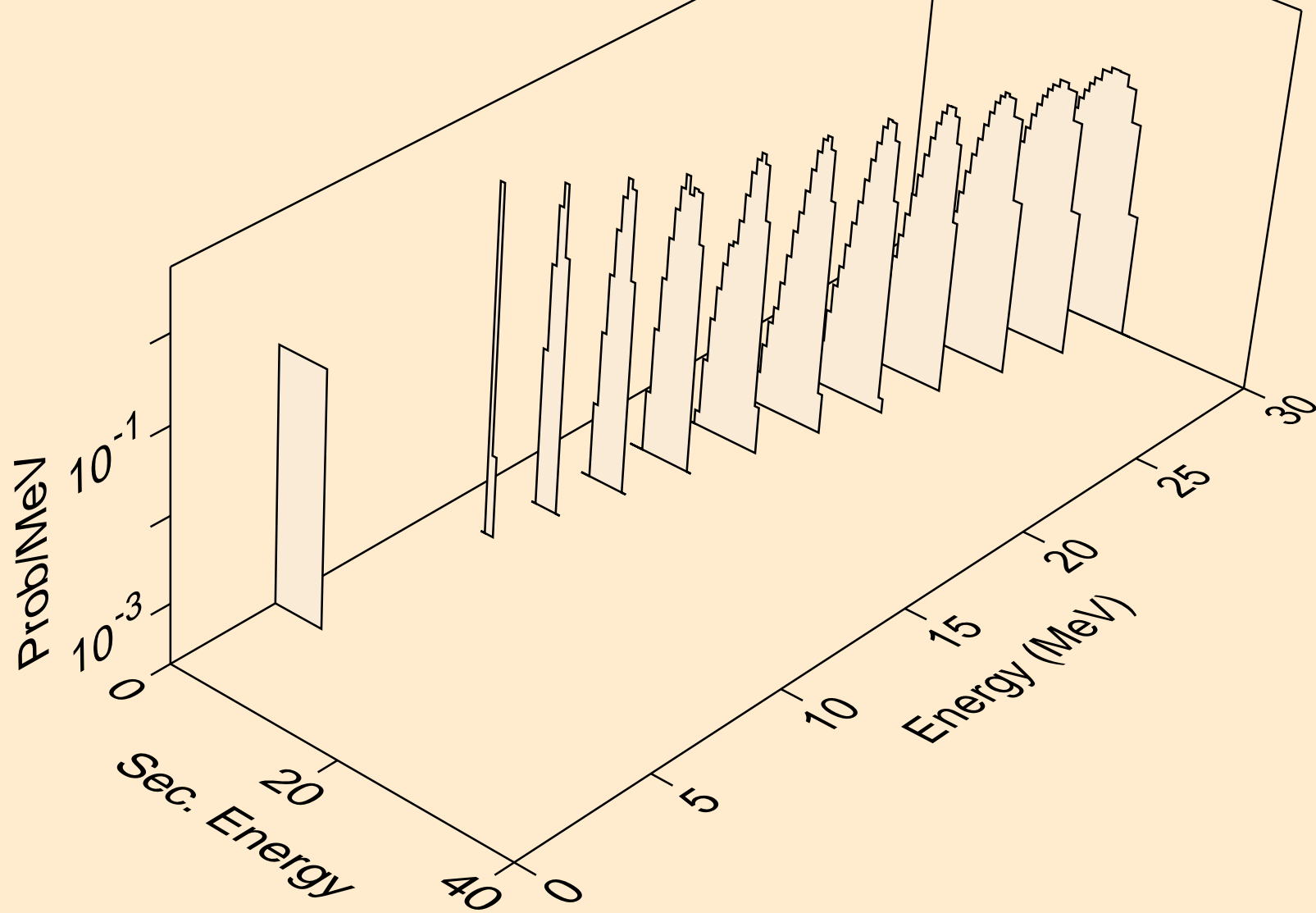
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



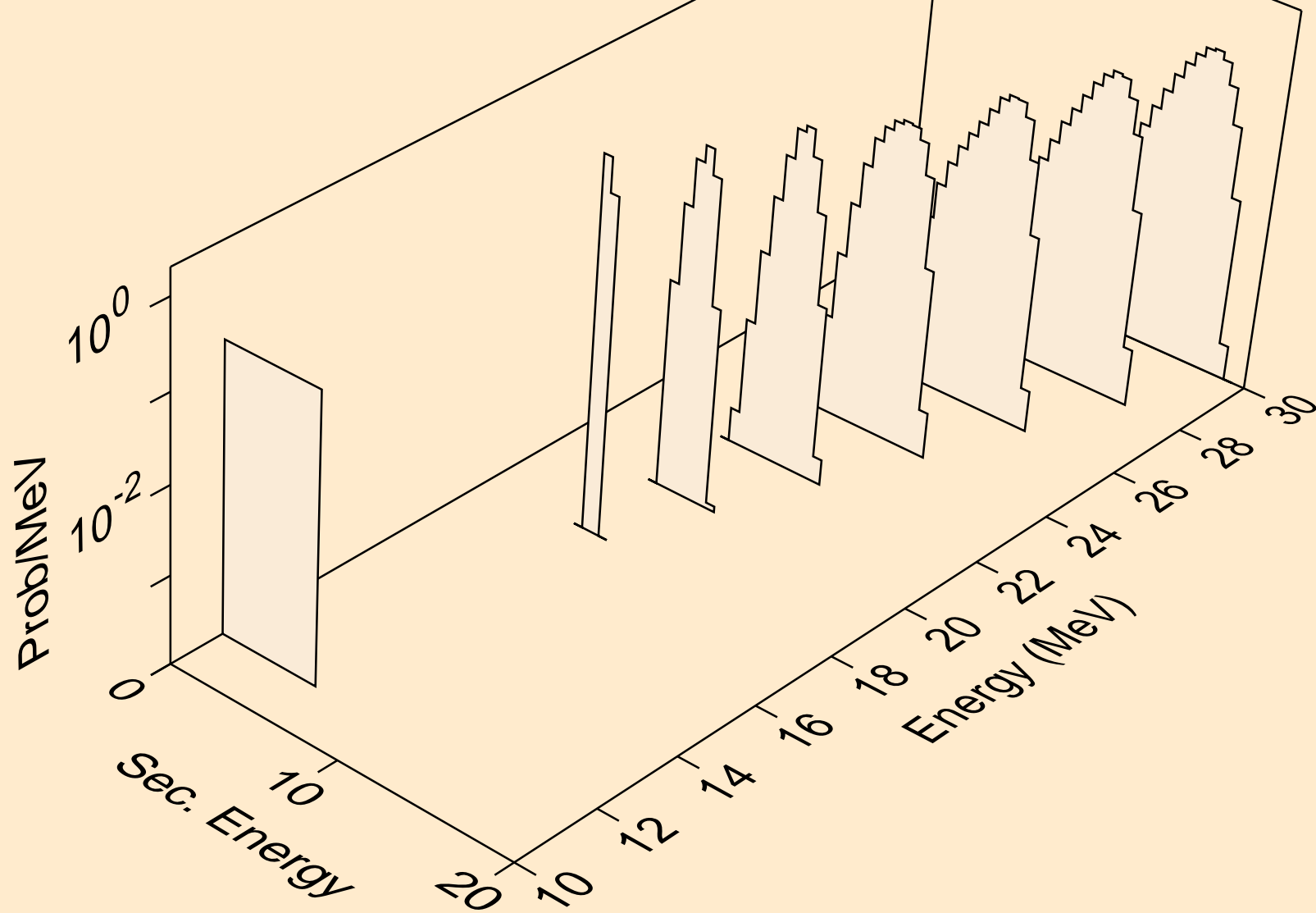
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



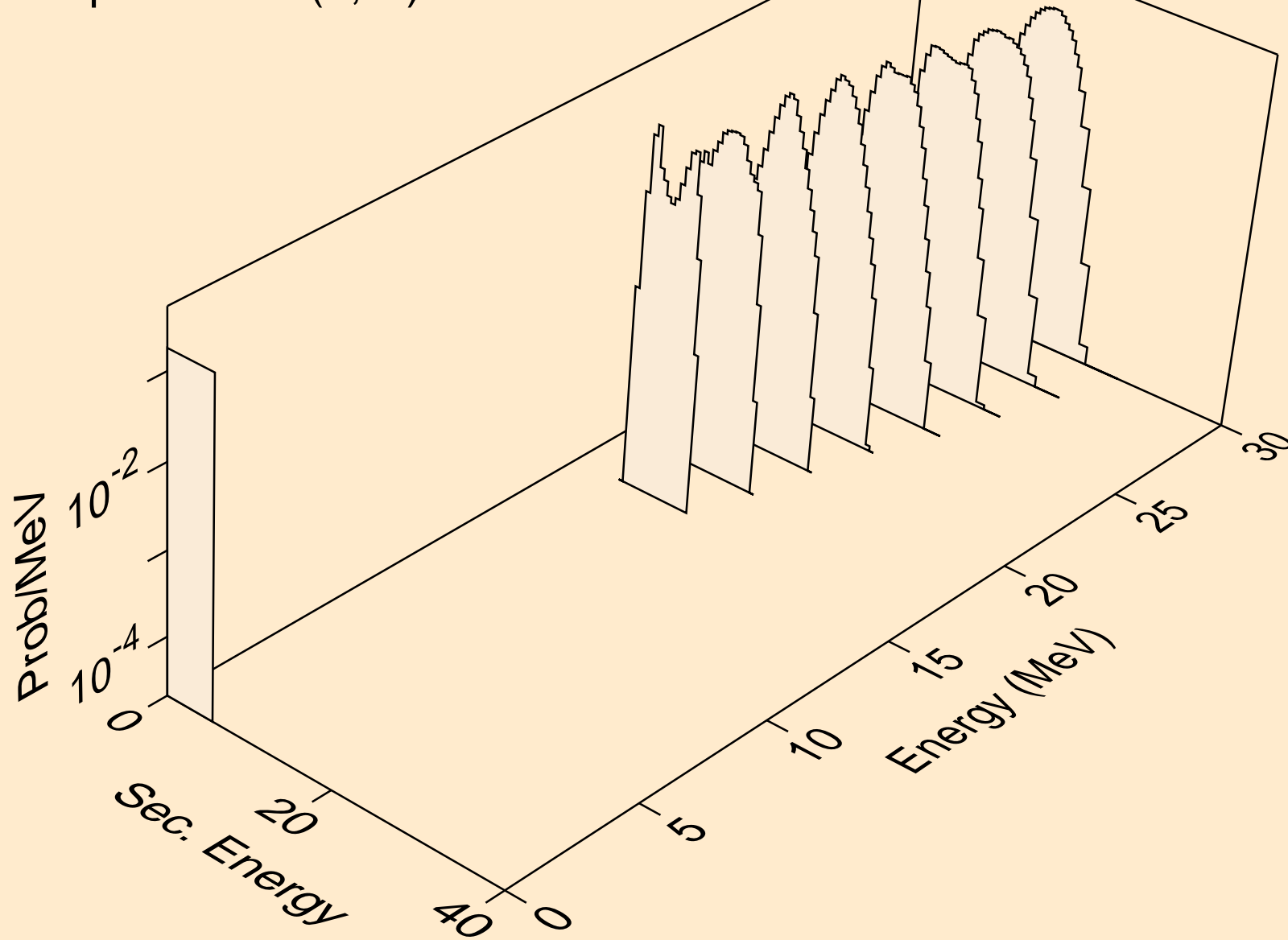
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alphas from (n,2n)a



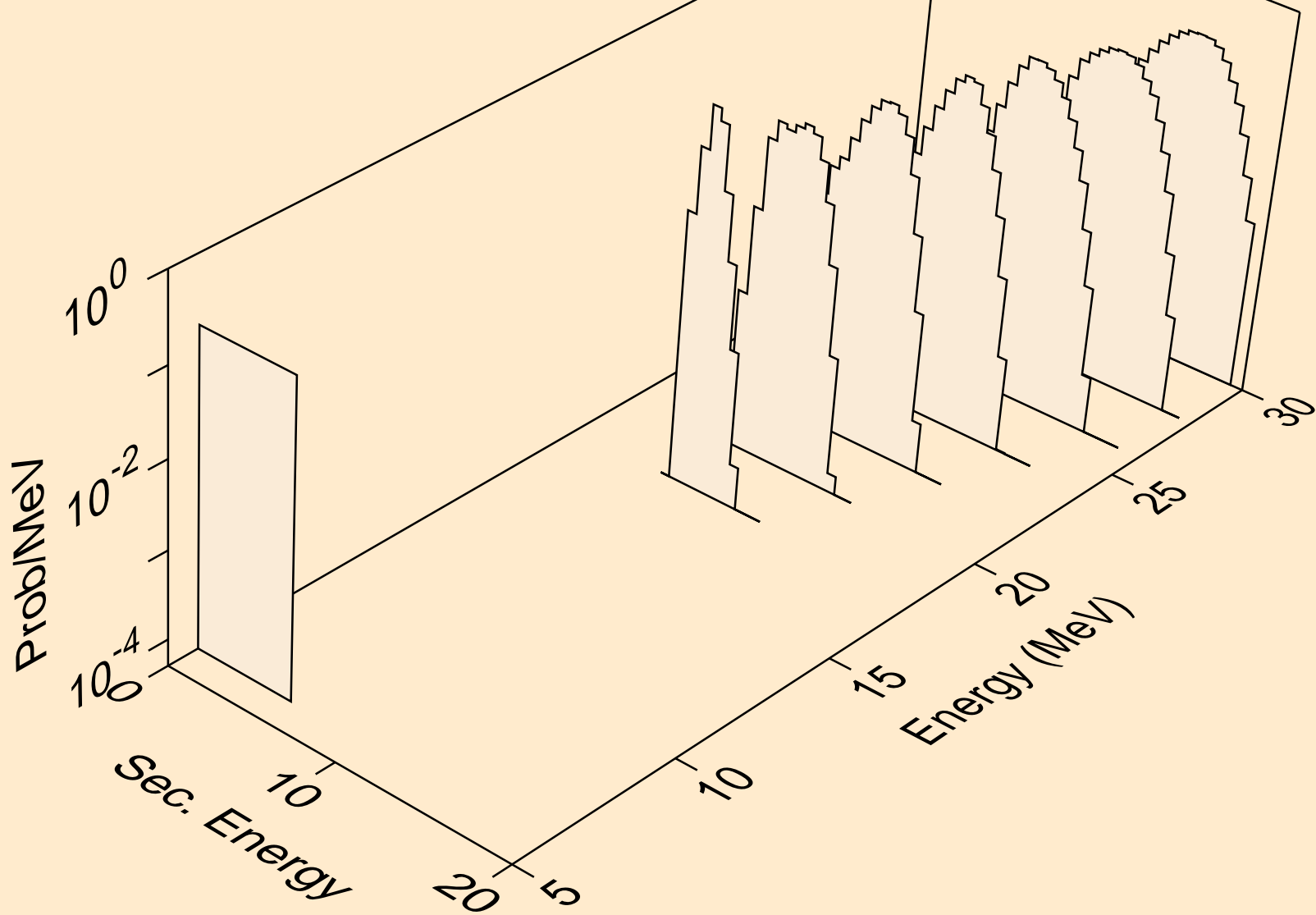
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alphas from (n,3n)a



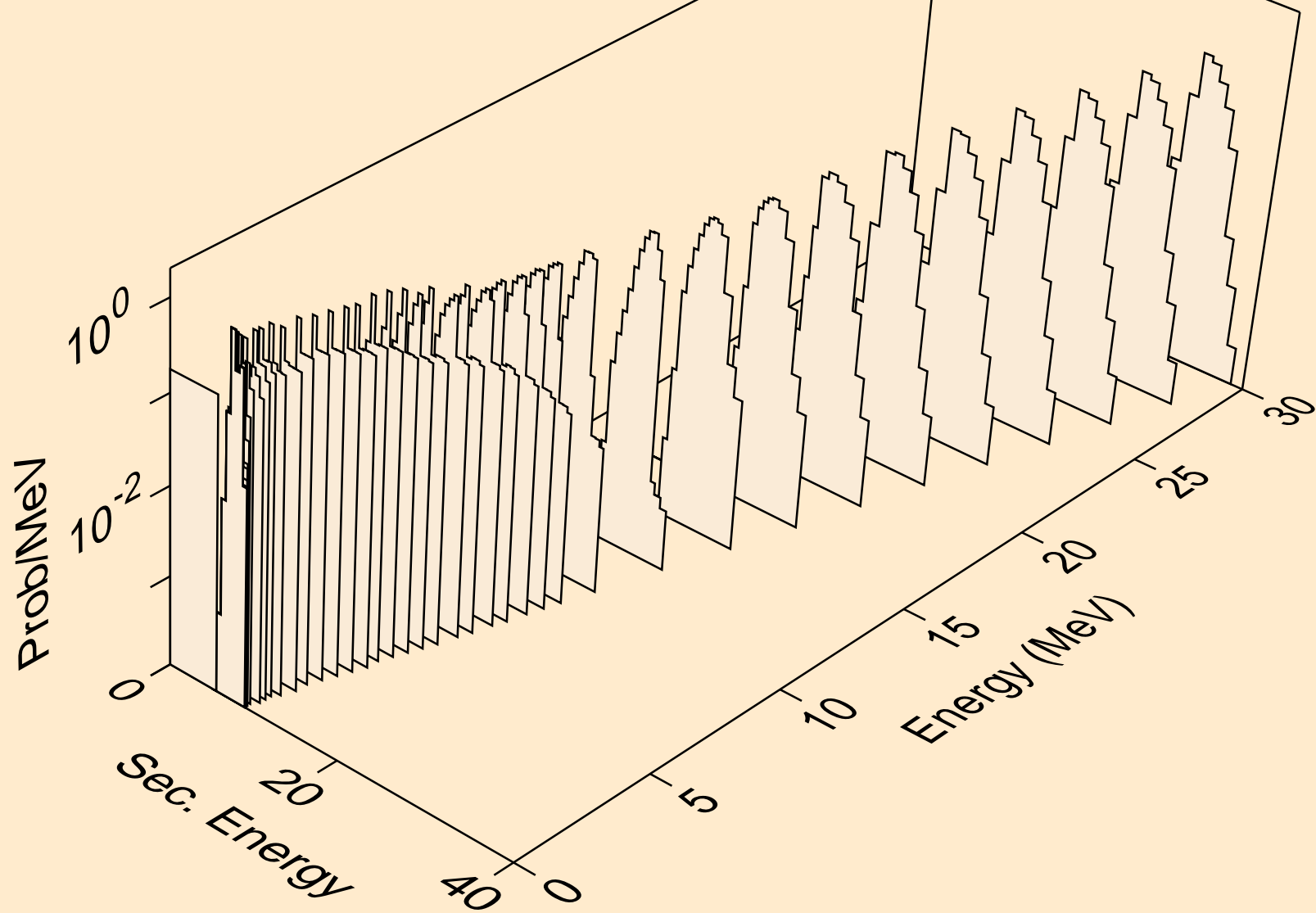
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



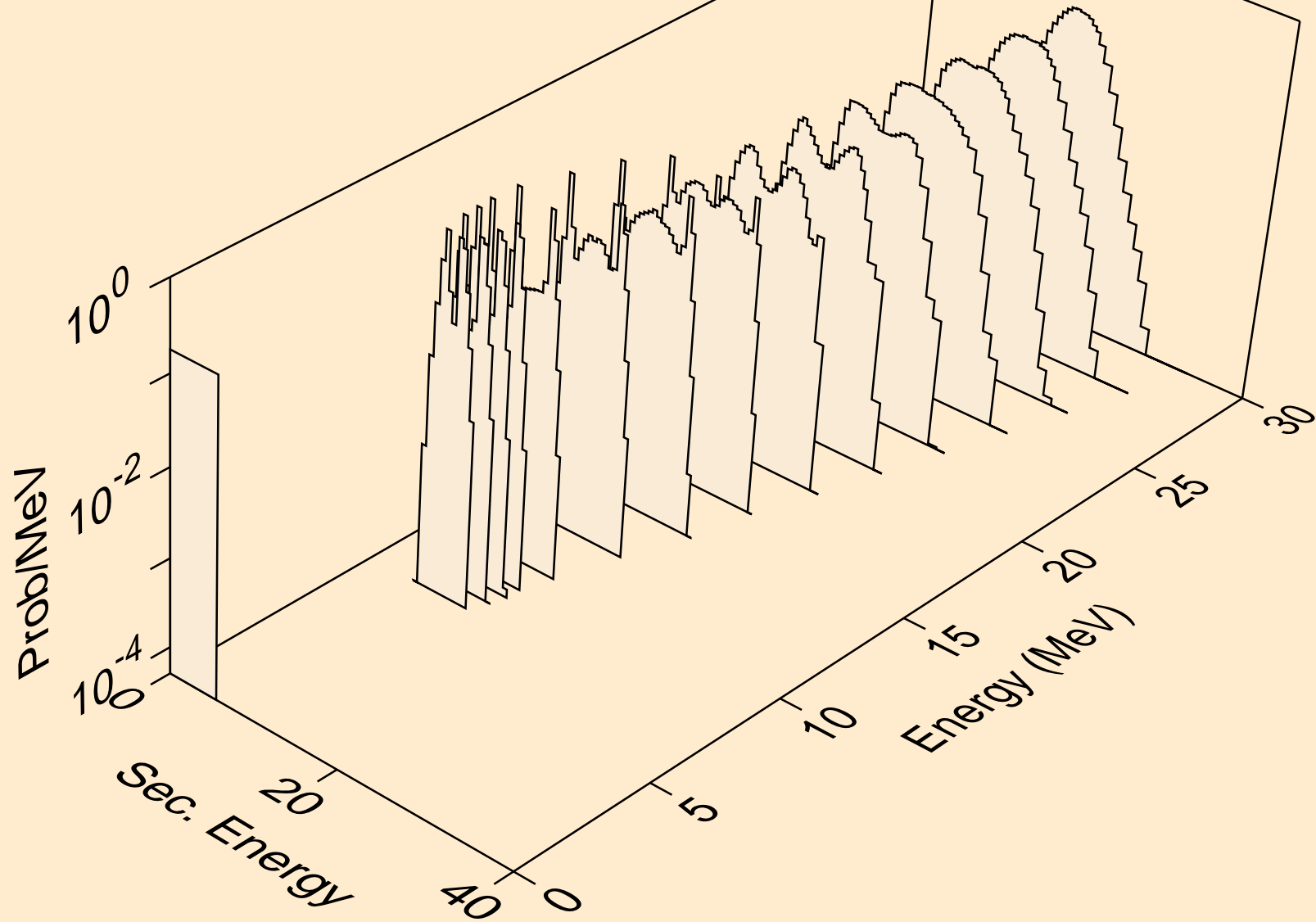
OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



OS189 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)

