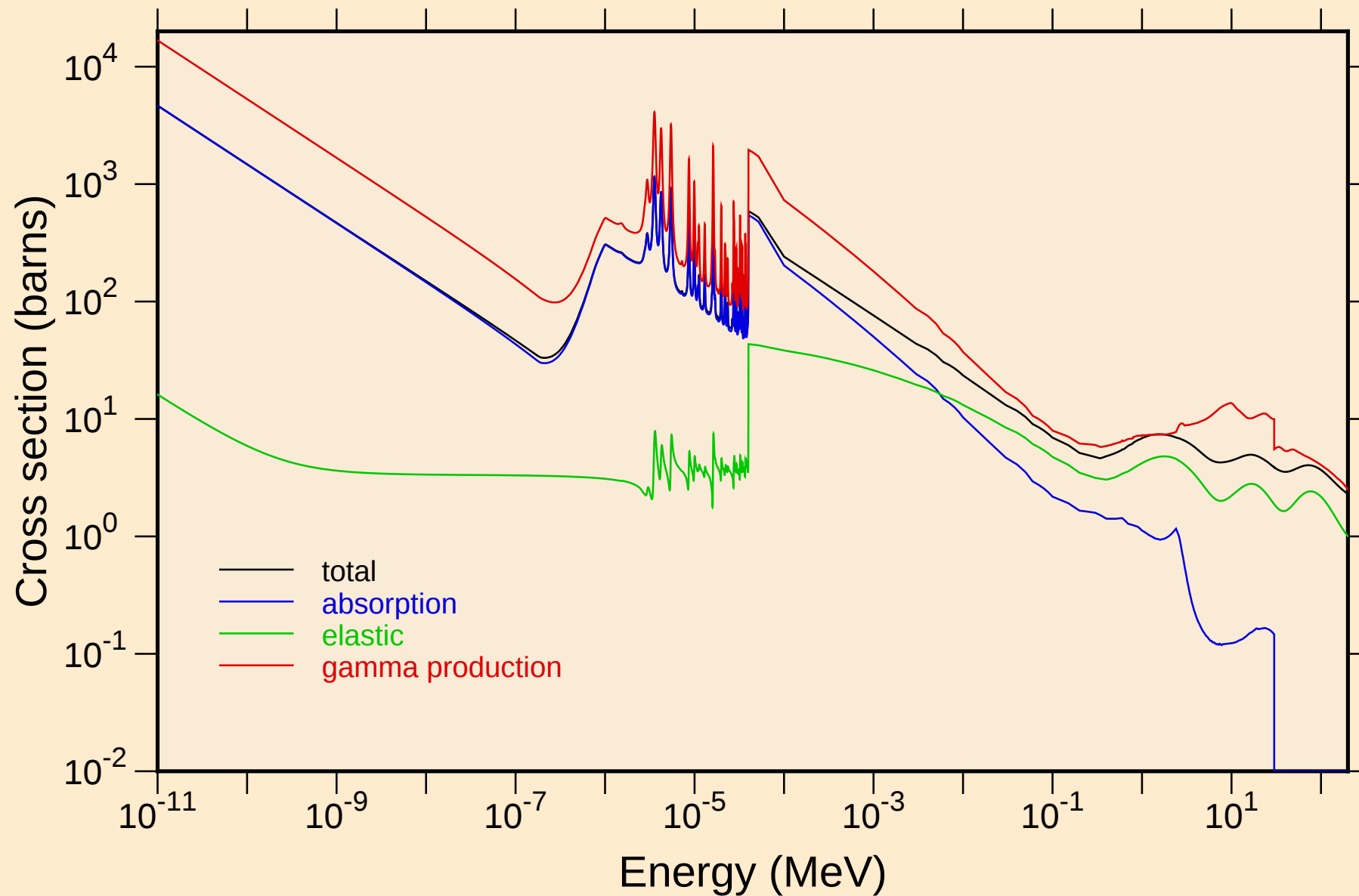
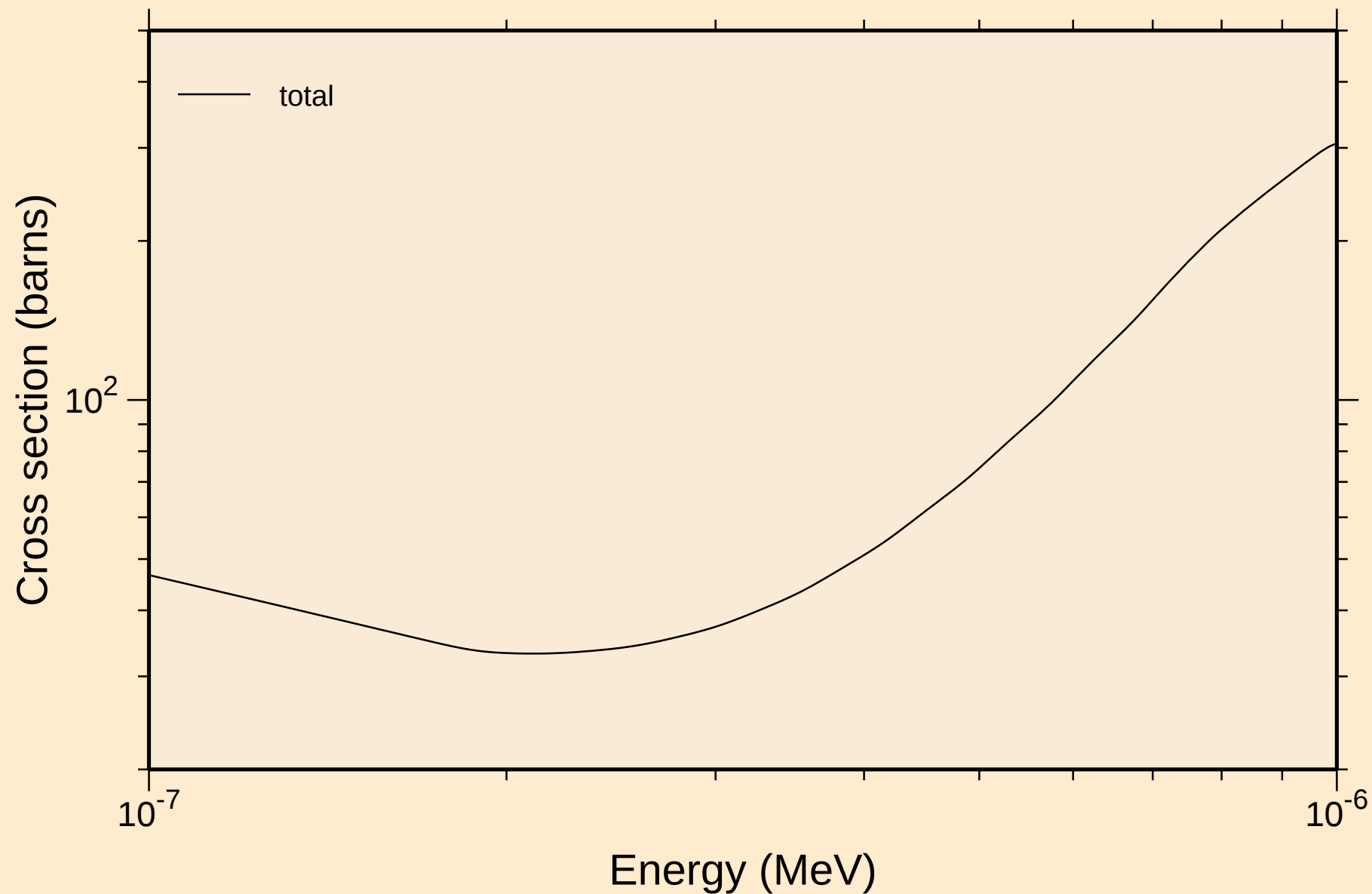


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

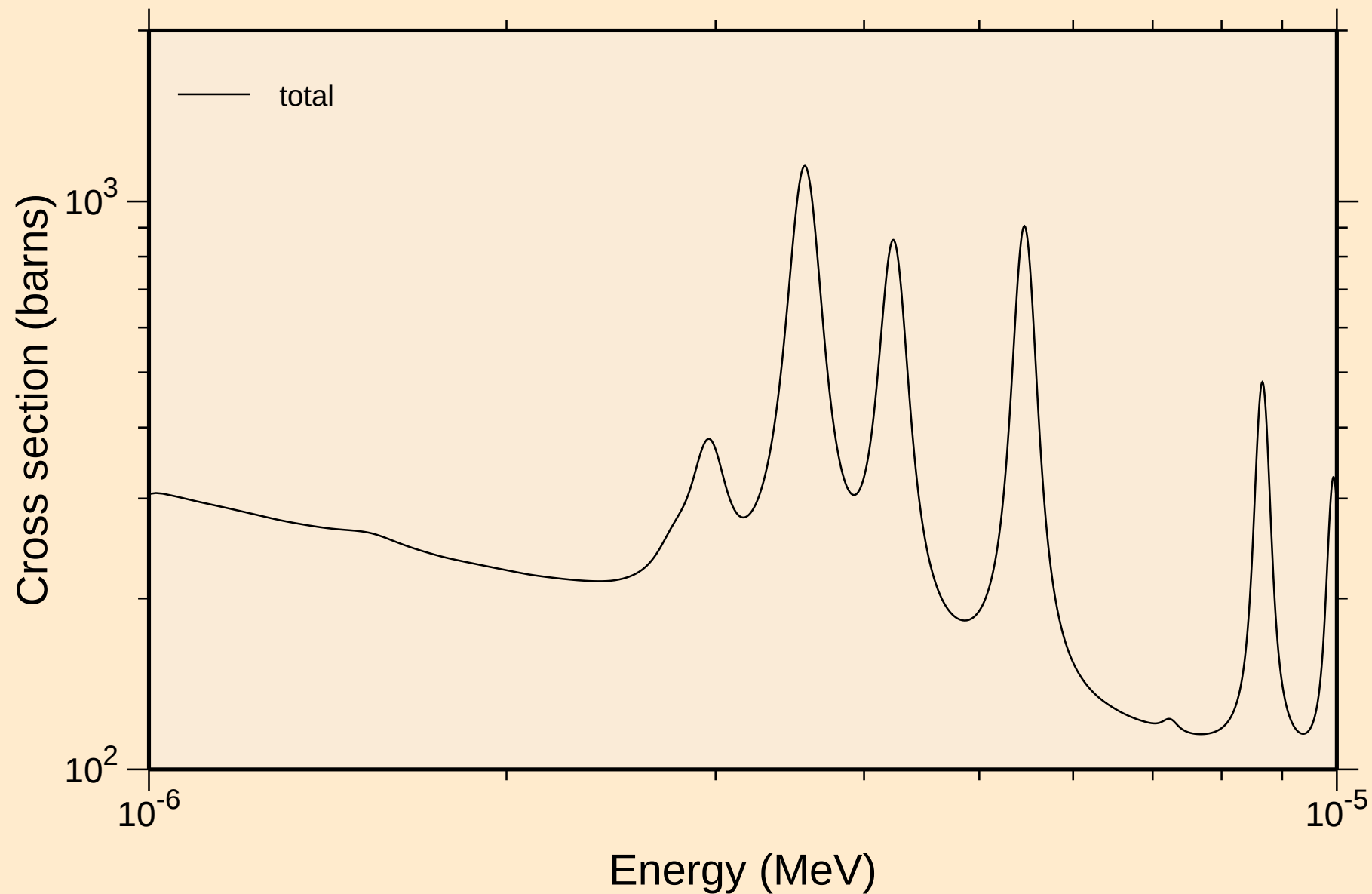
Principal cross sections



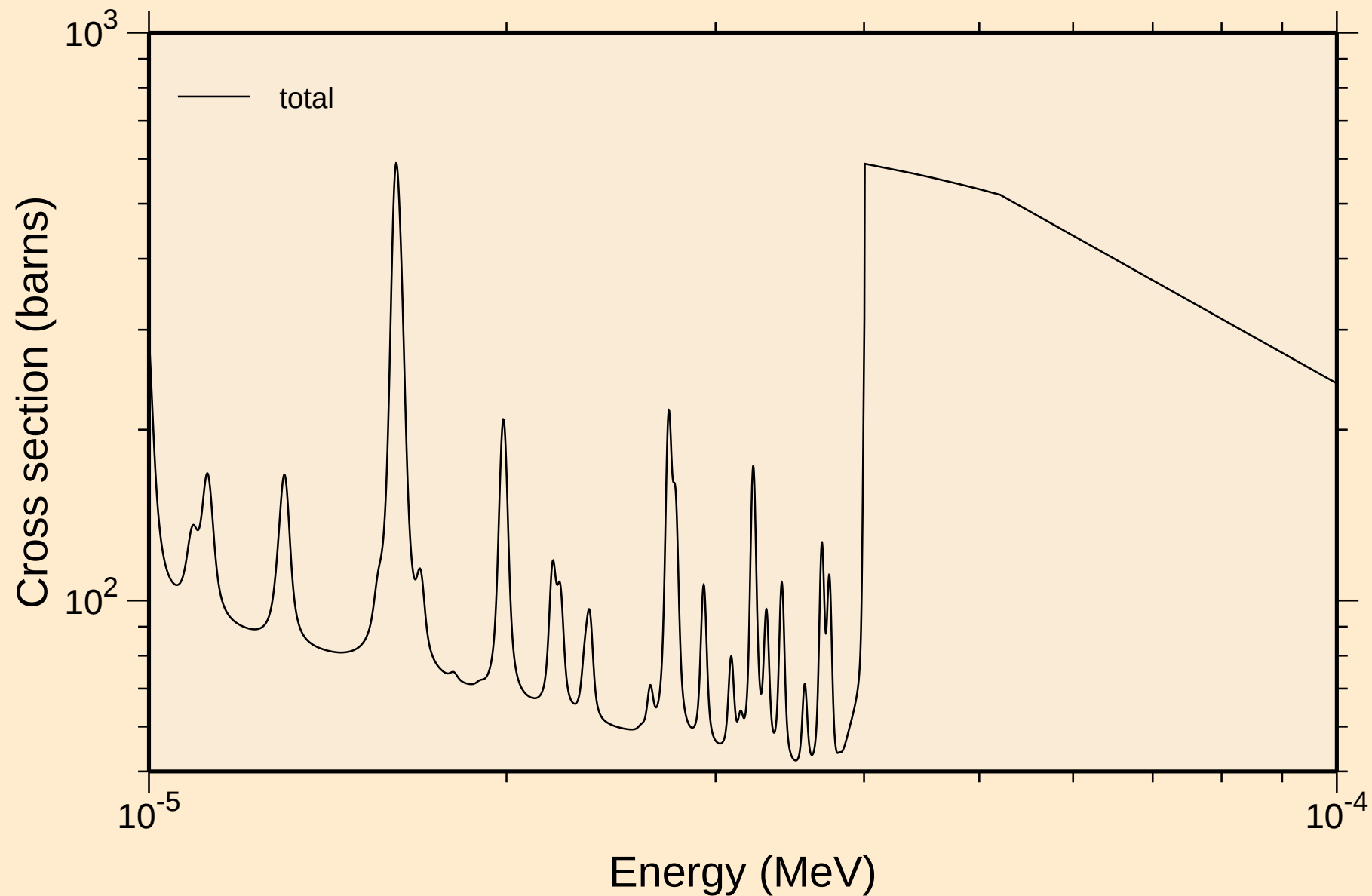
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



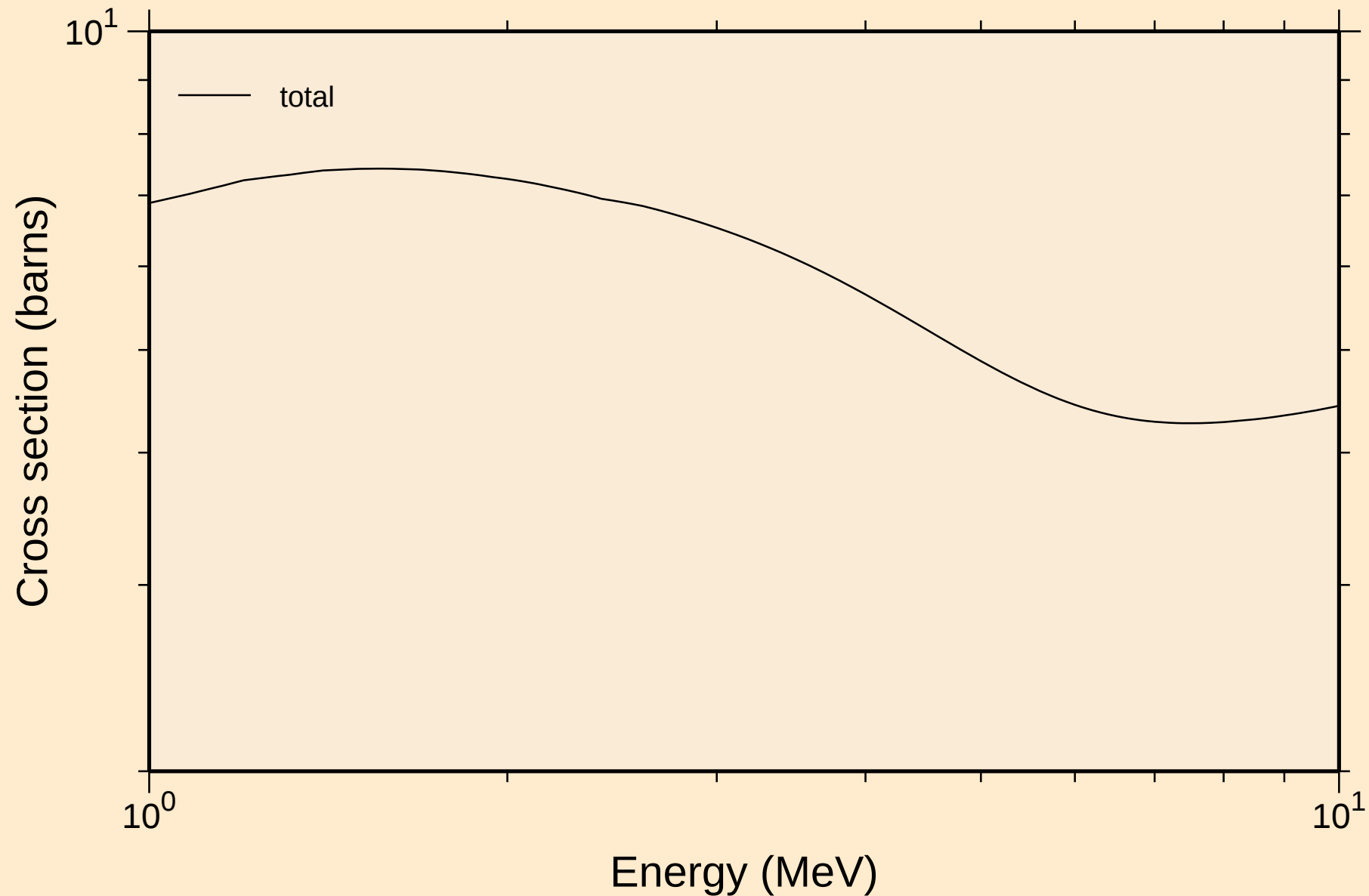
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



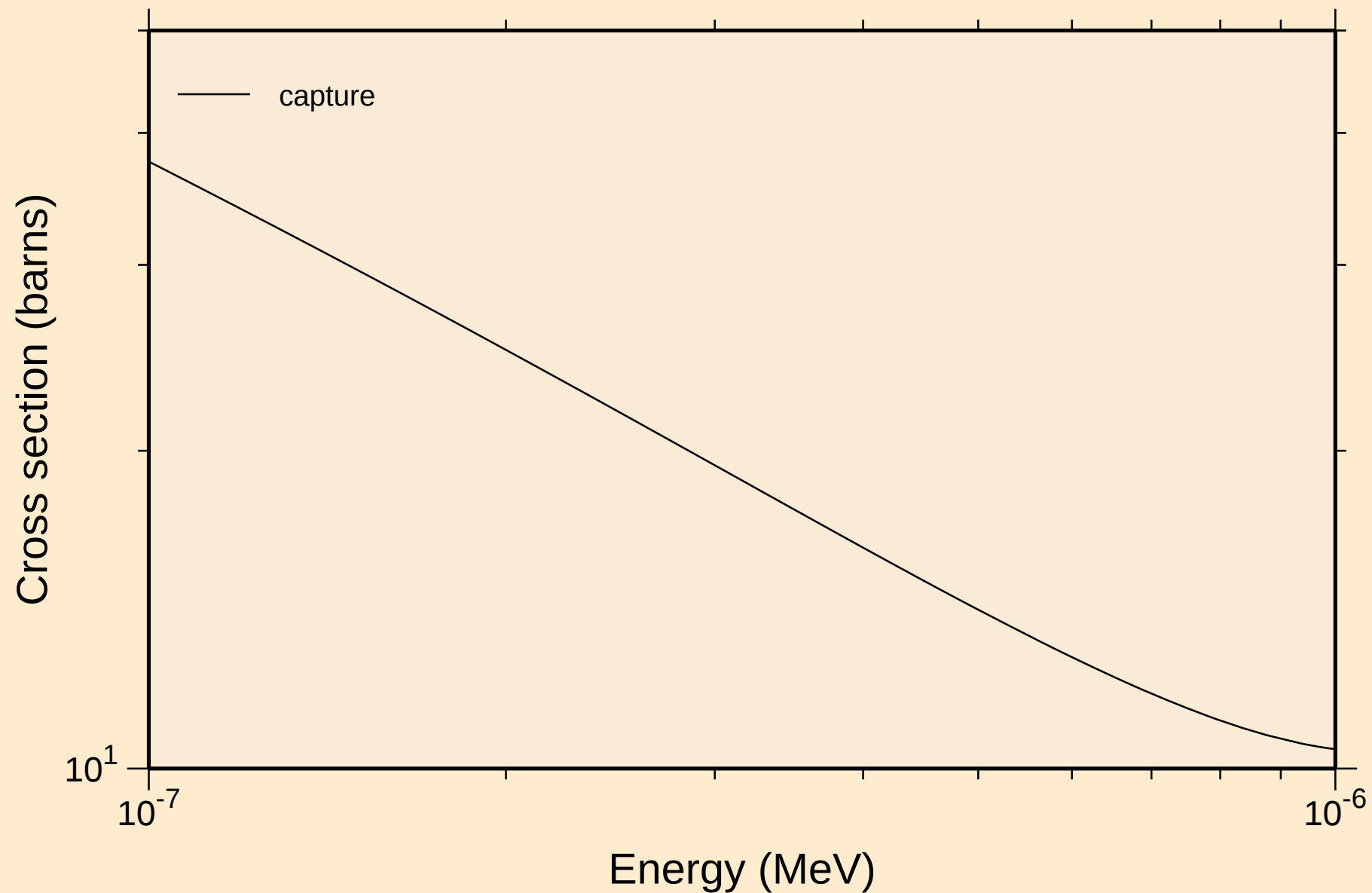
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



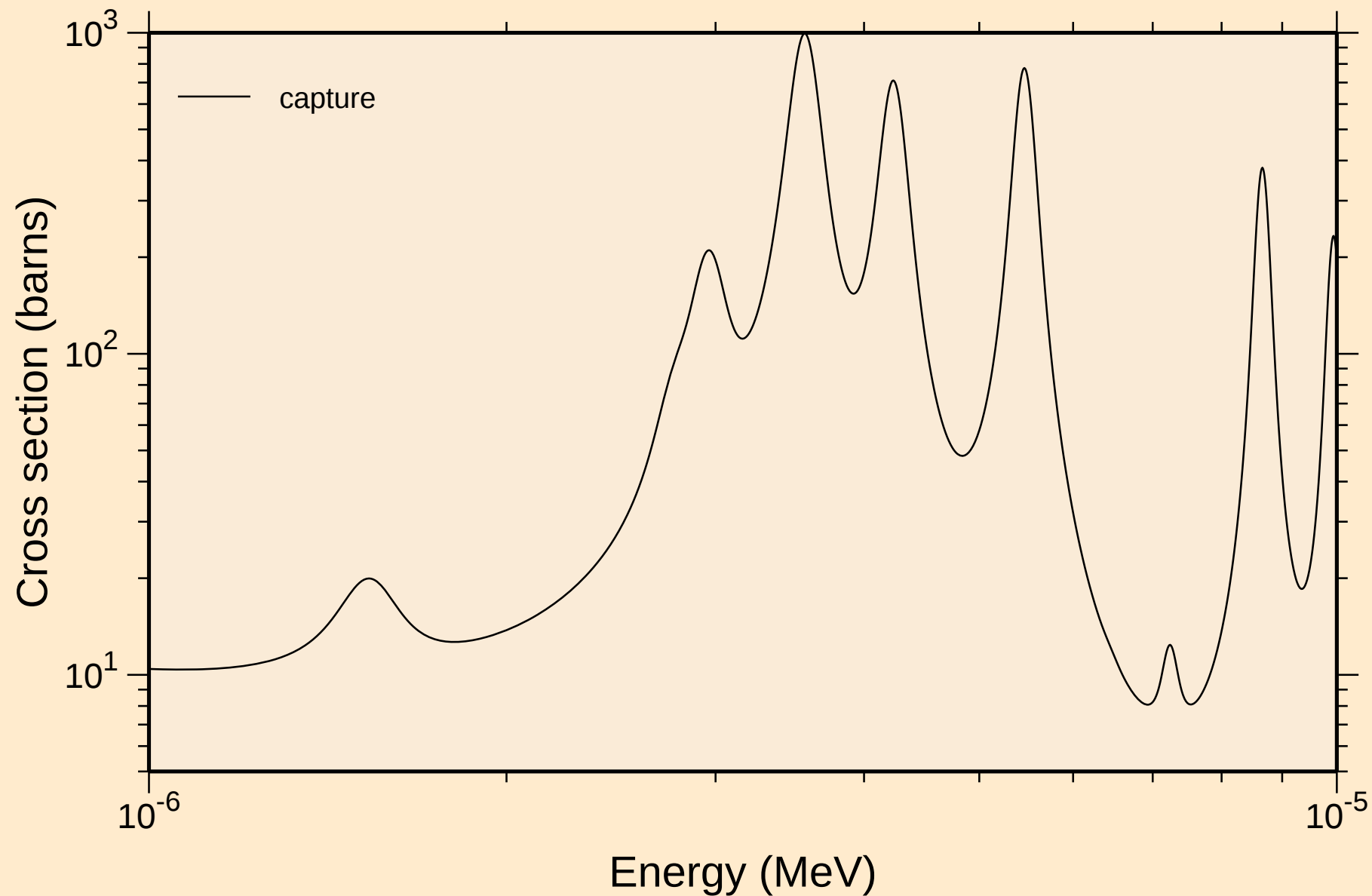
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



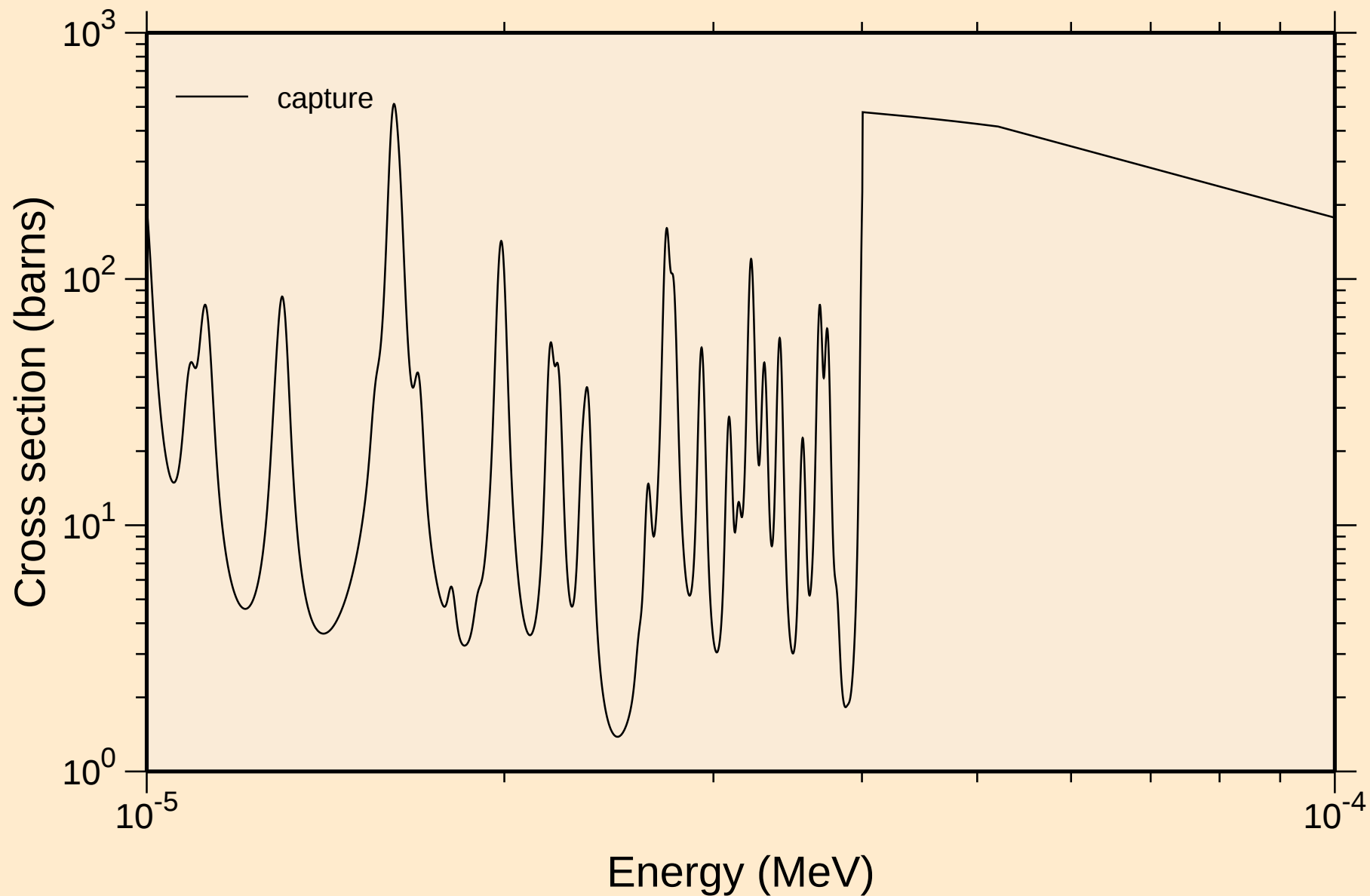
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



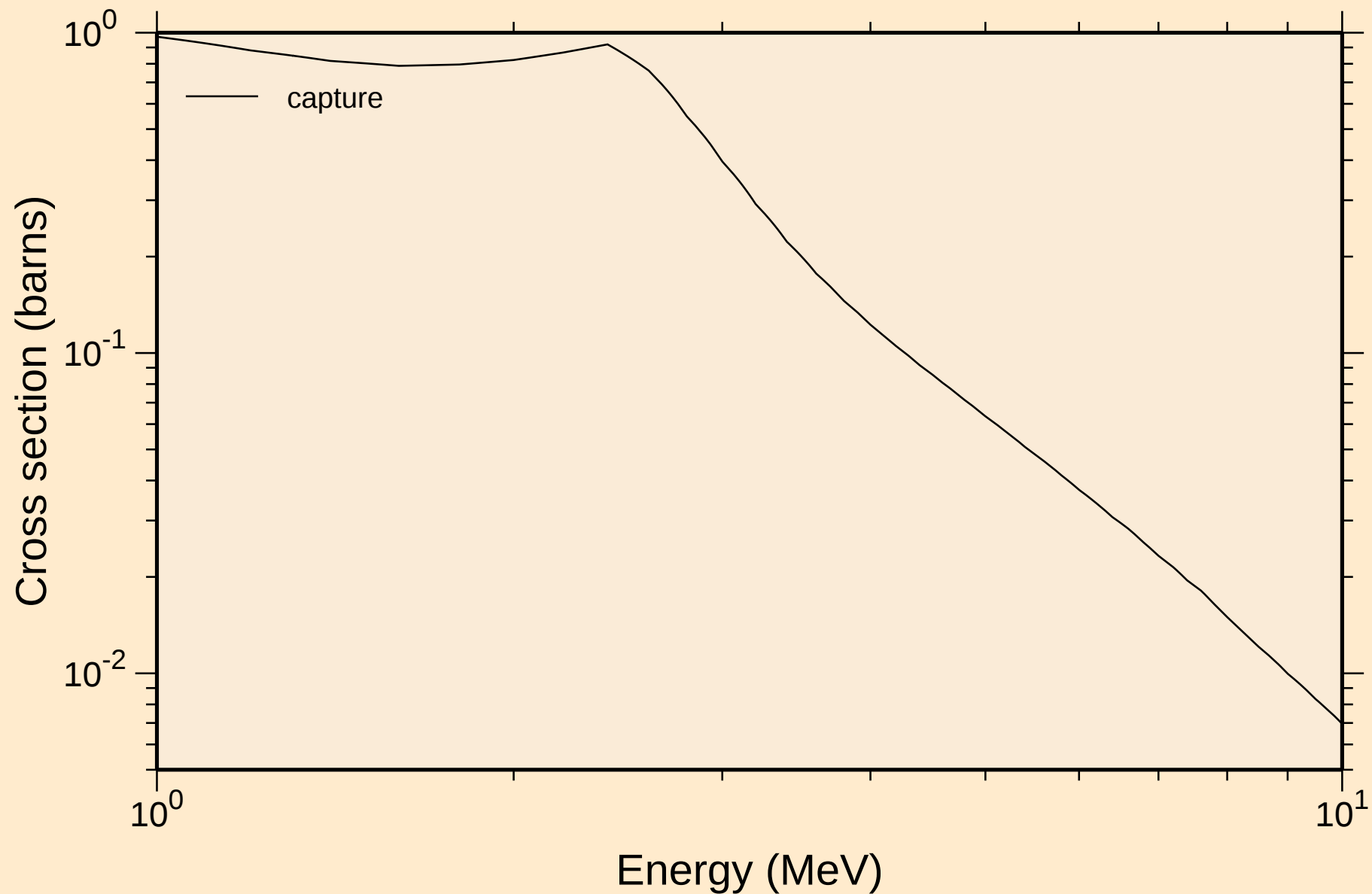
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

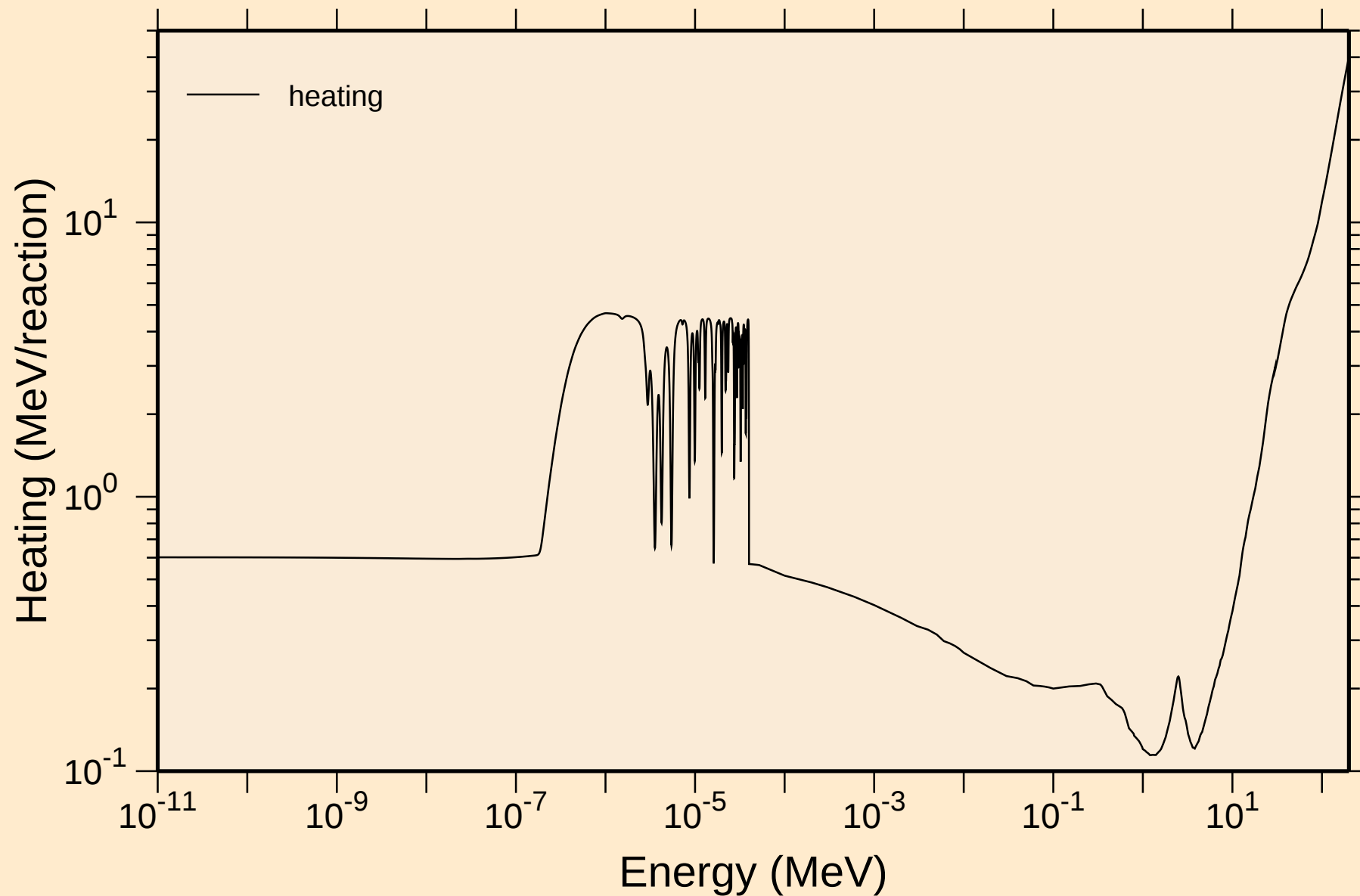


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

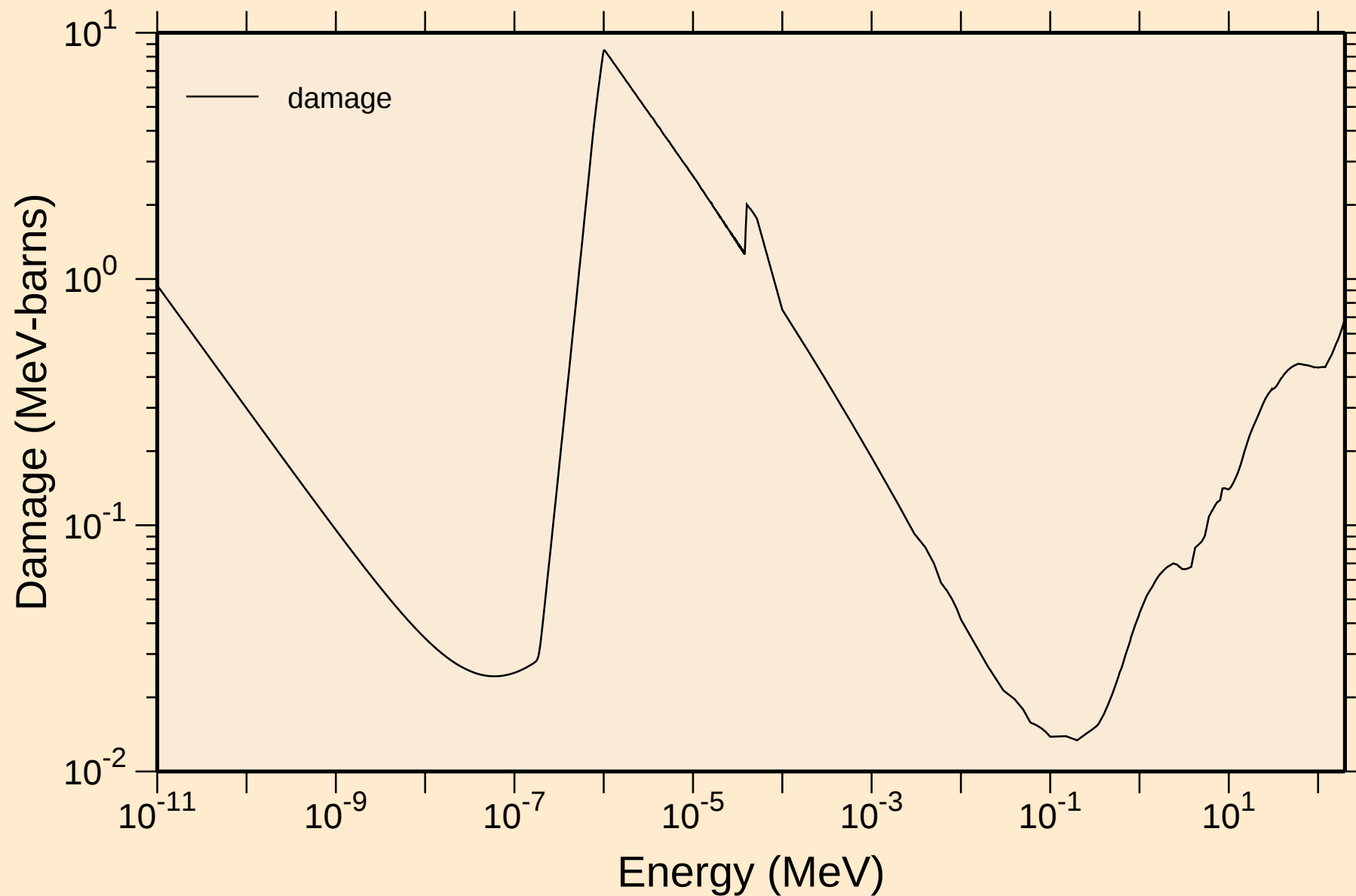


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

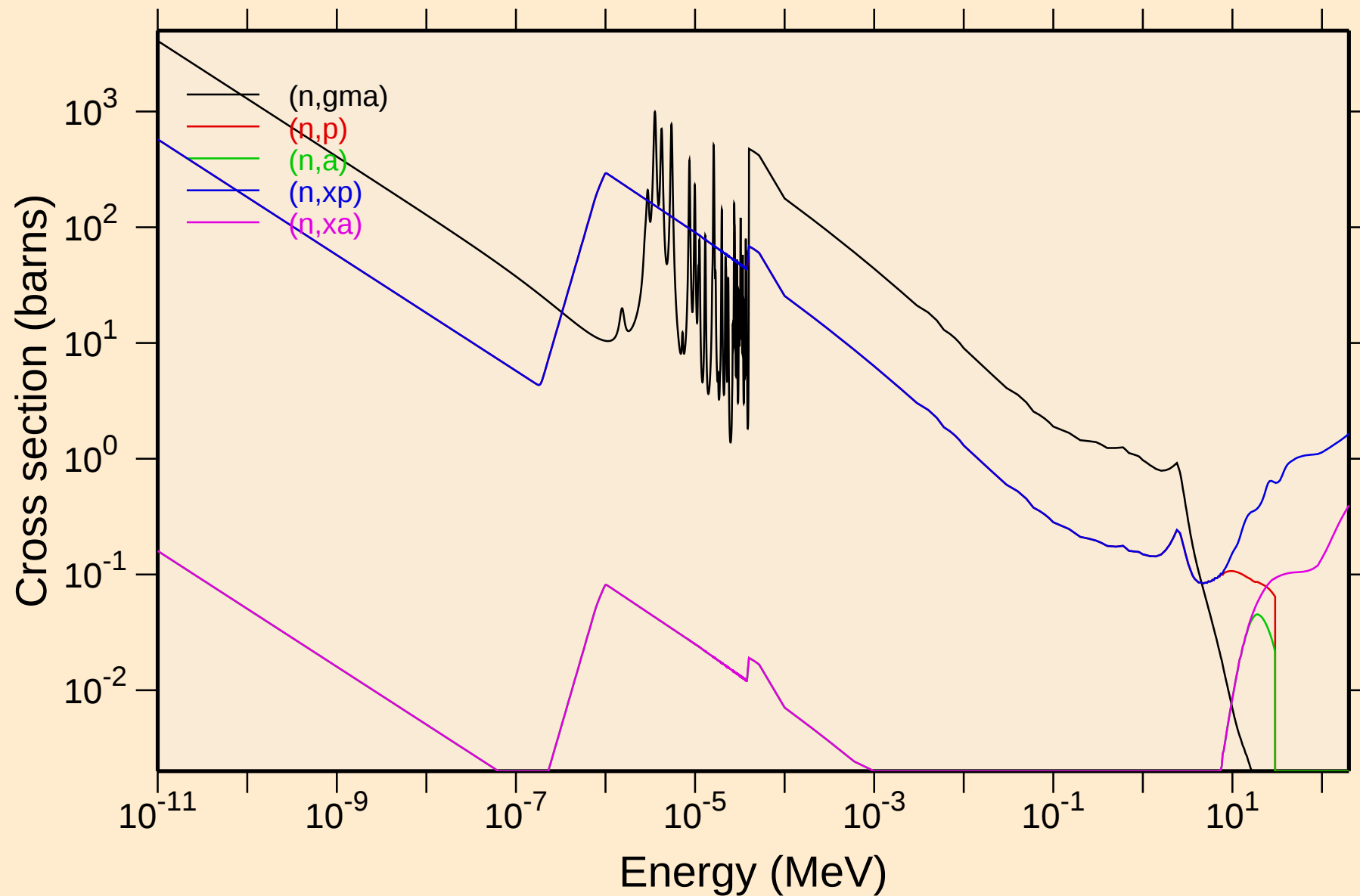


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



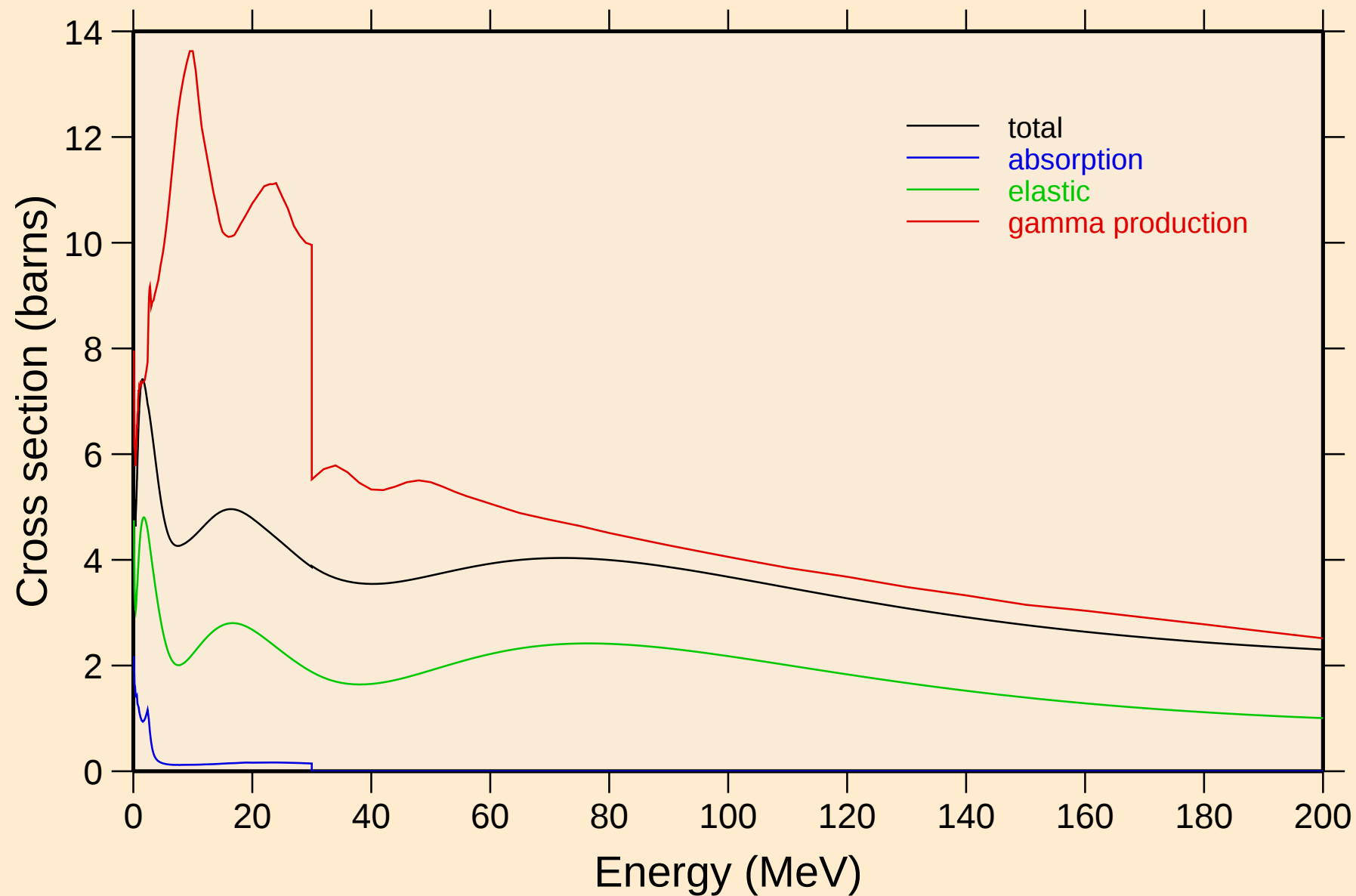
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions



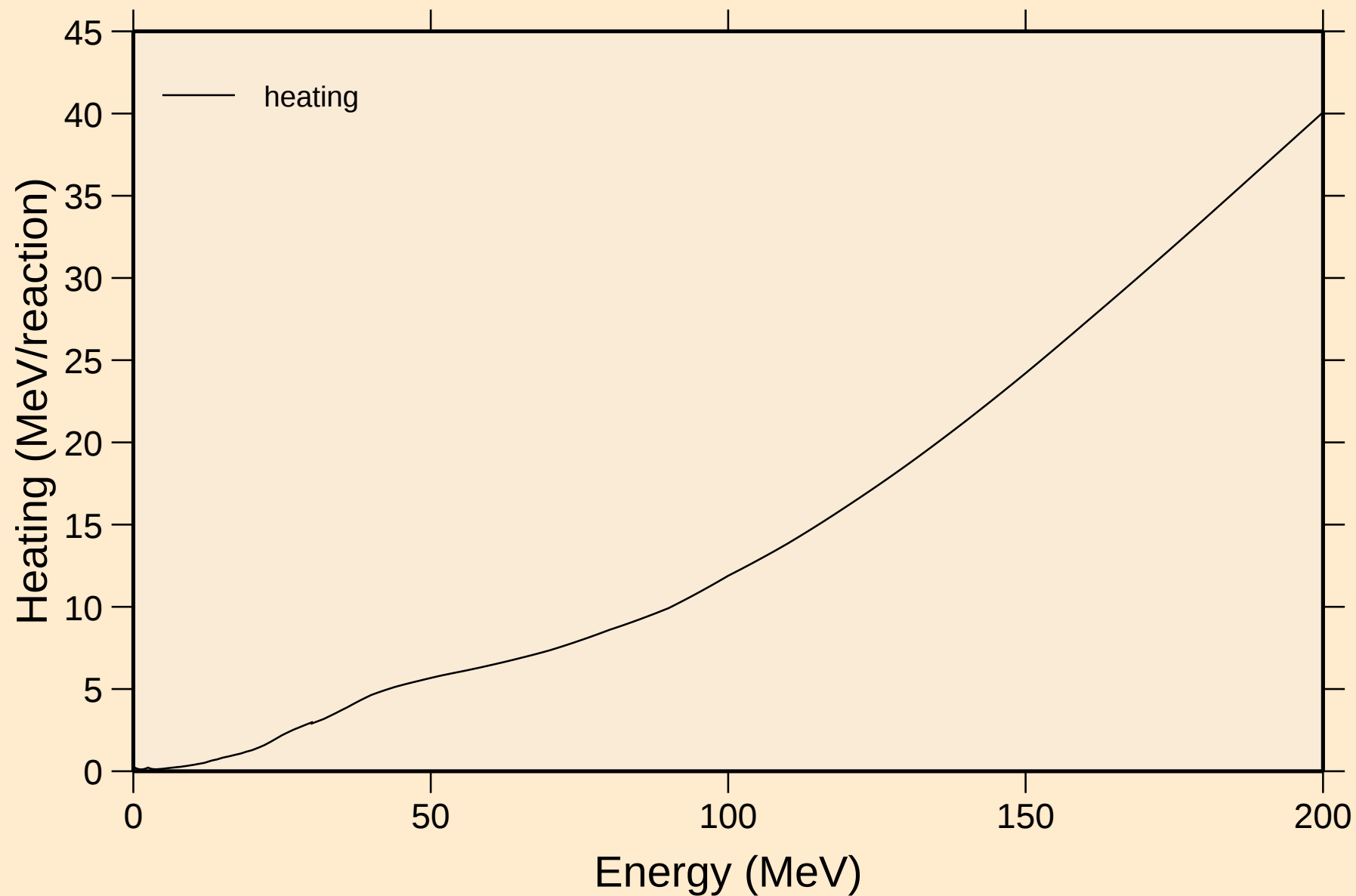
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



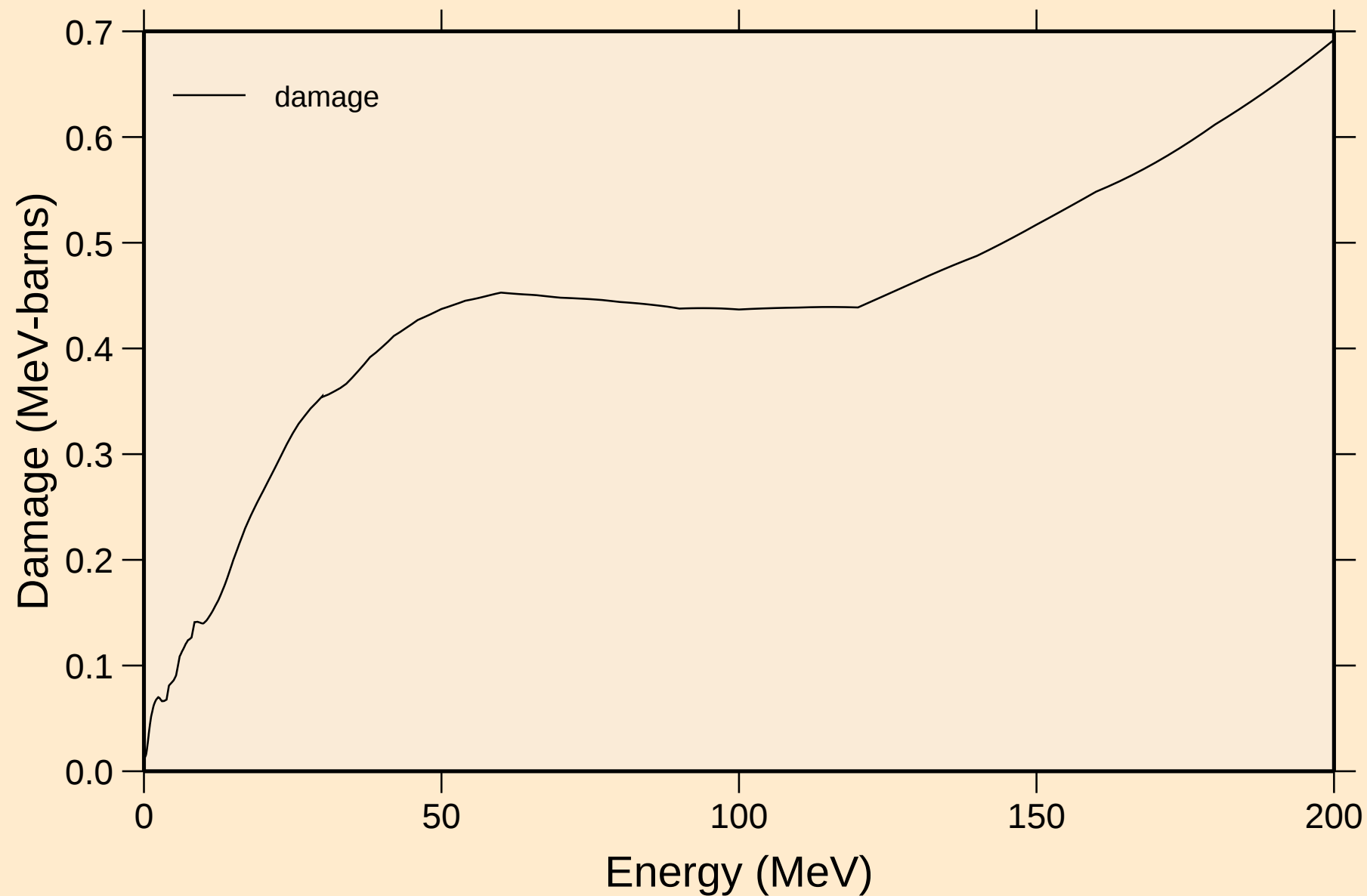
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

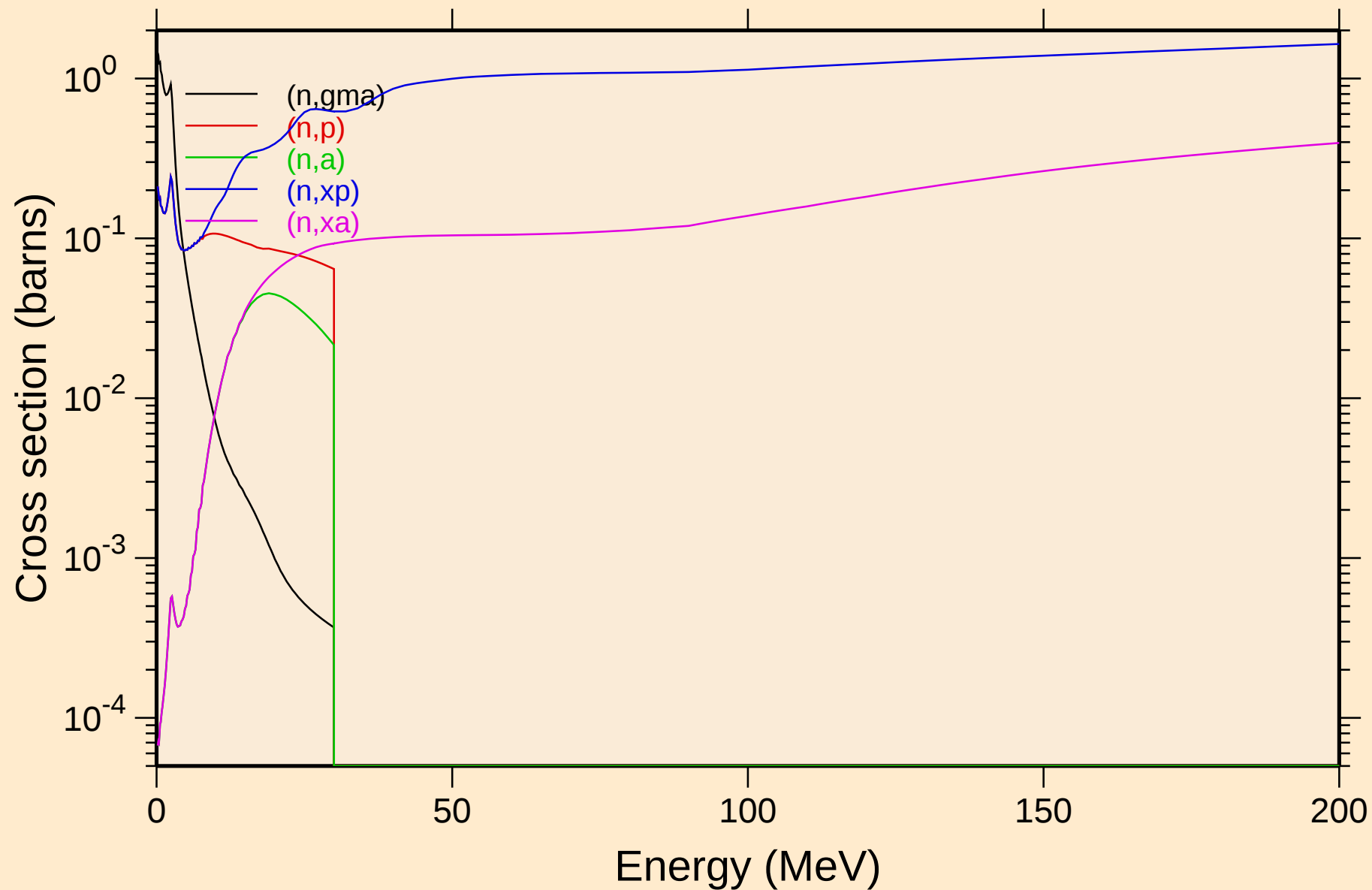


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

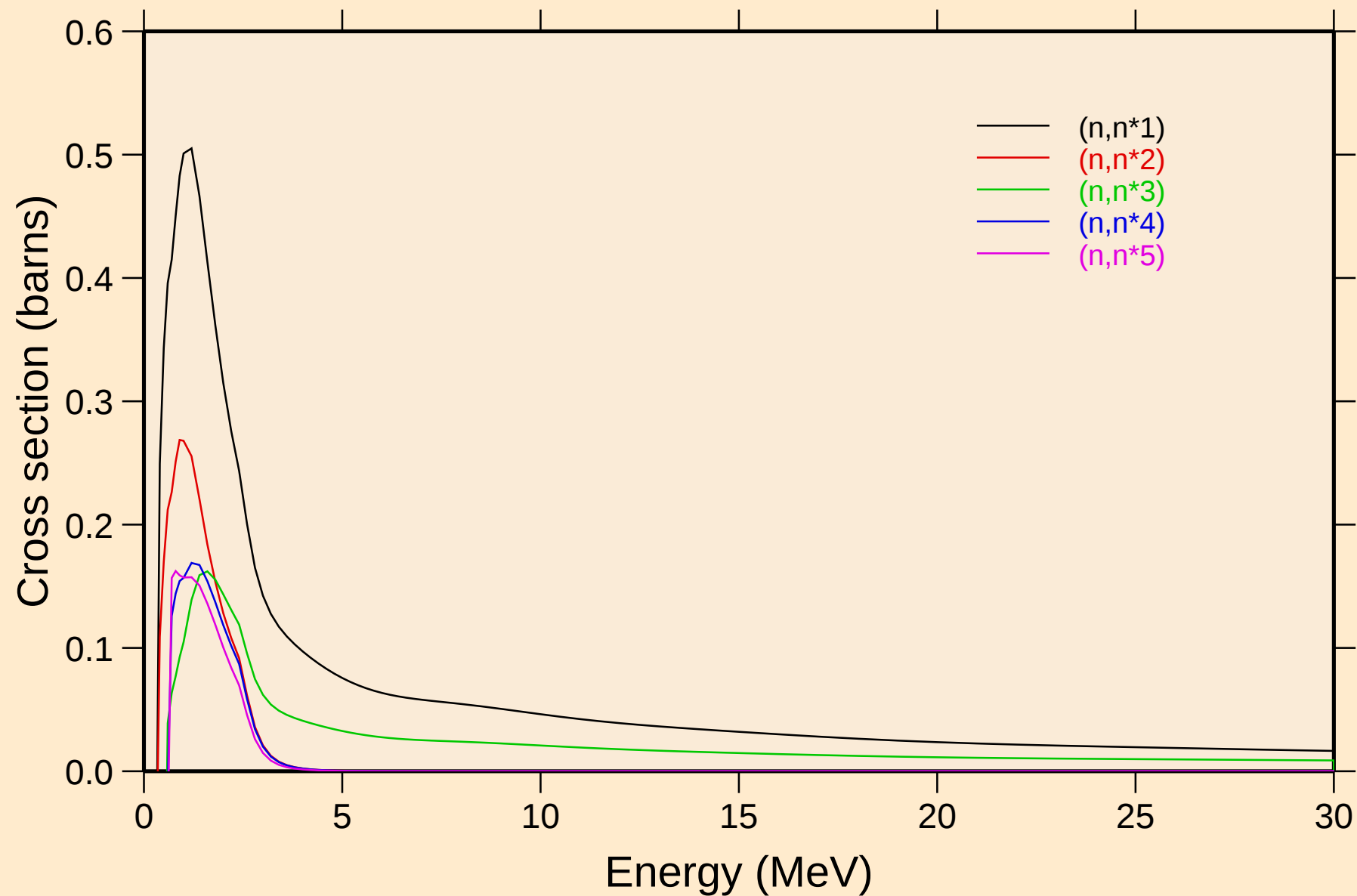
Damage



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

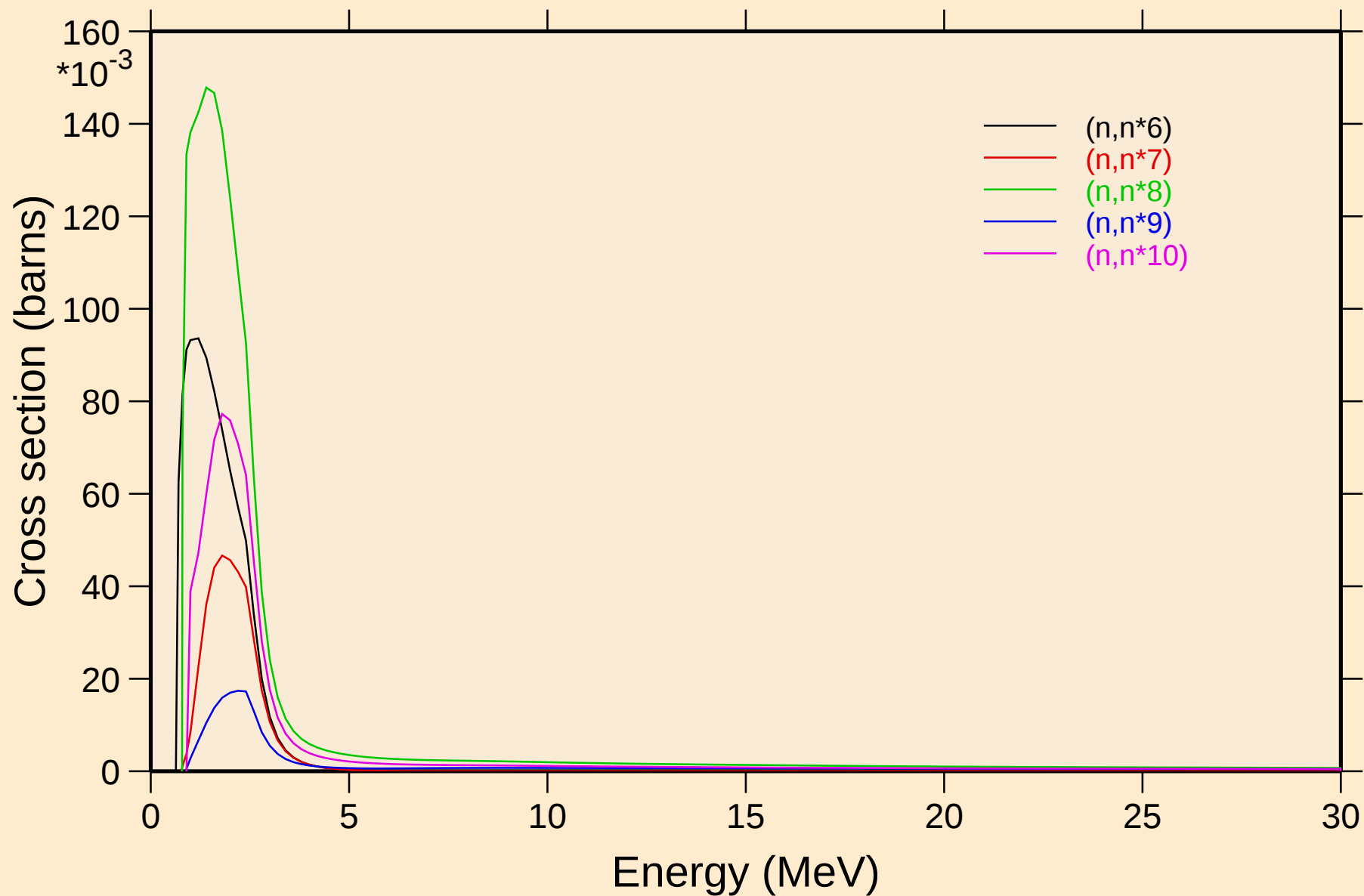


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



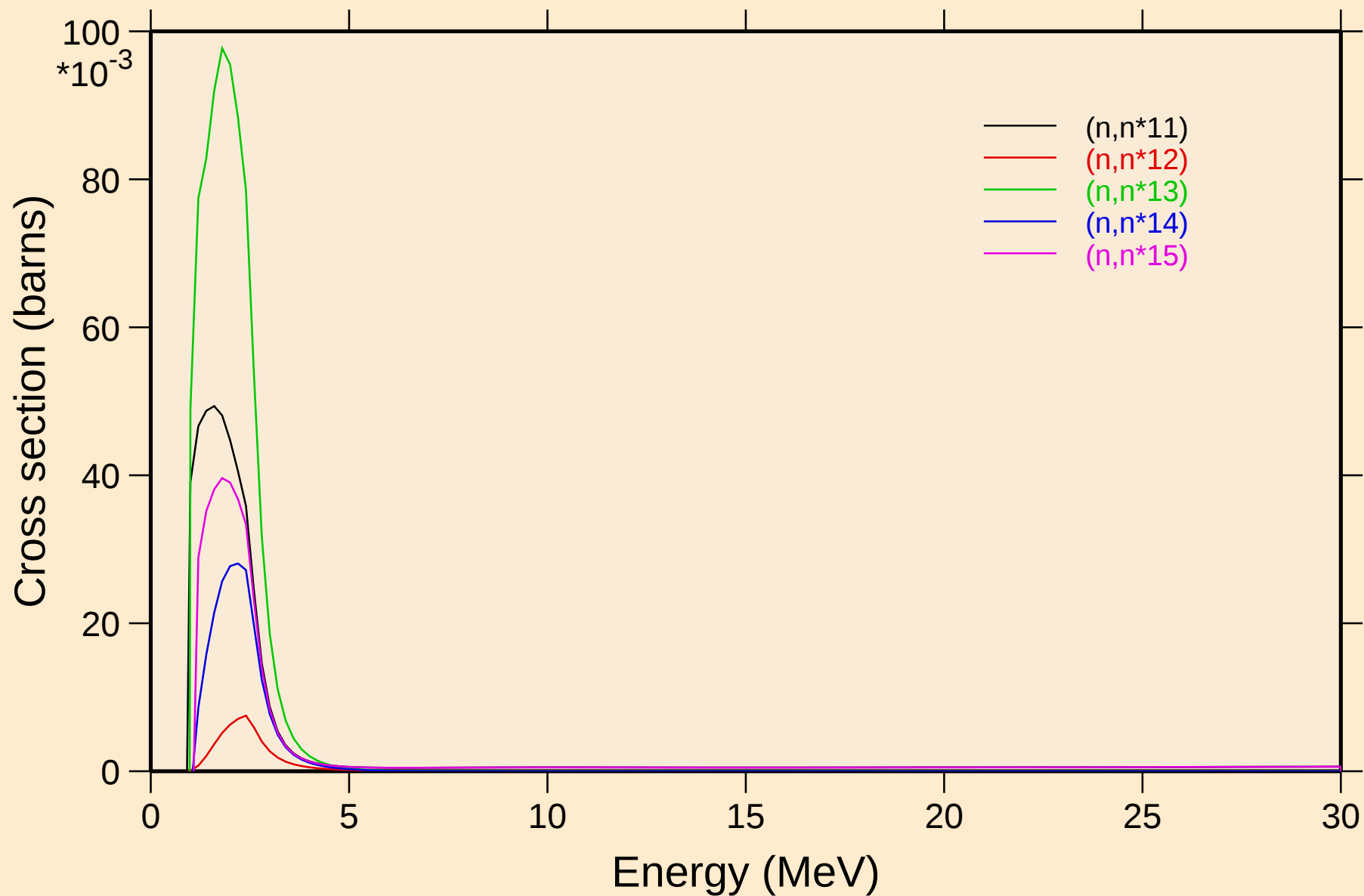
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



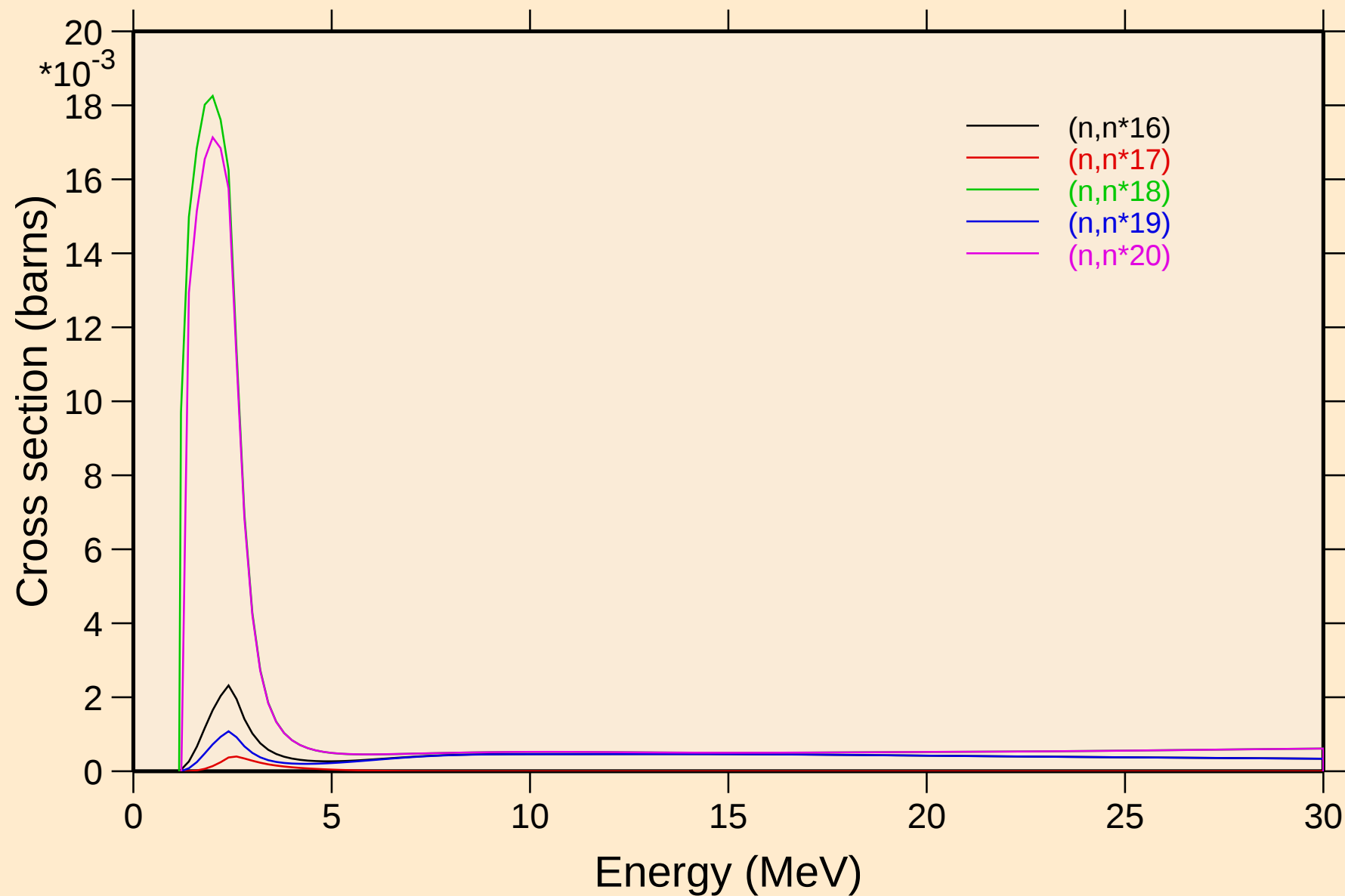
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

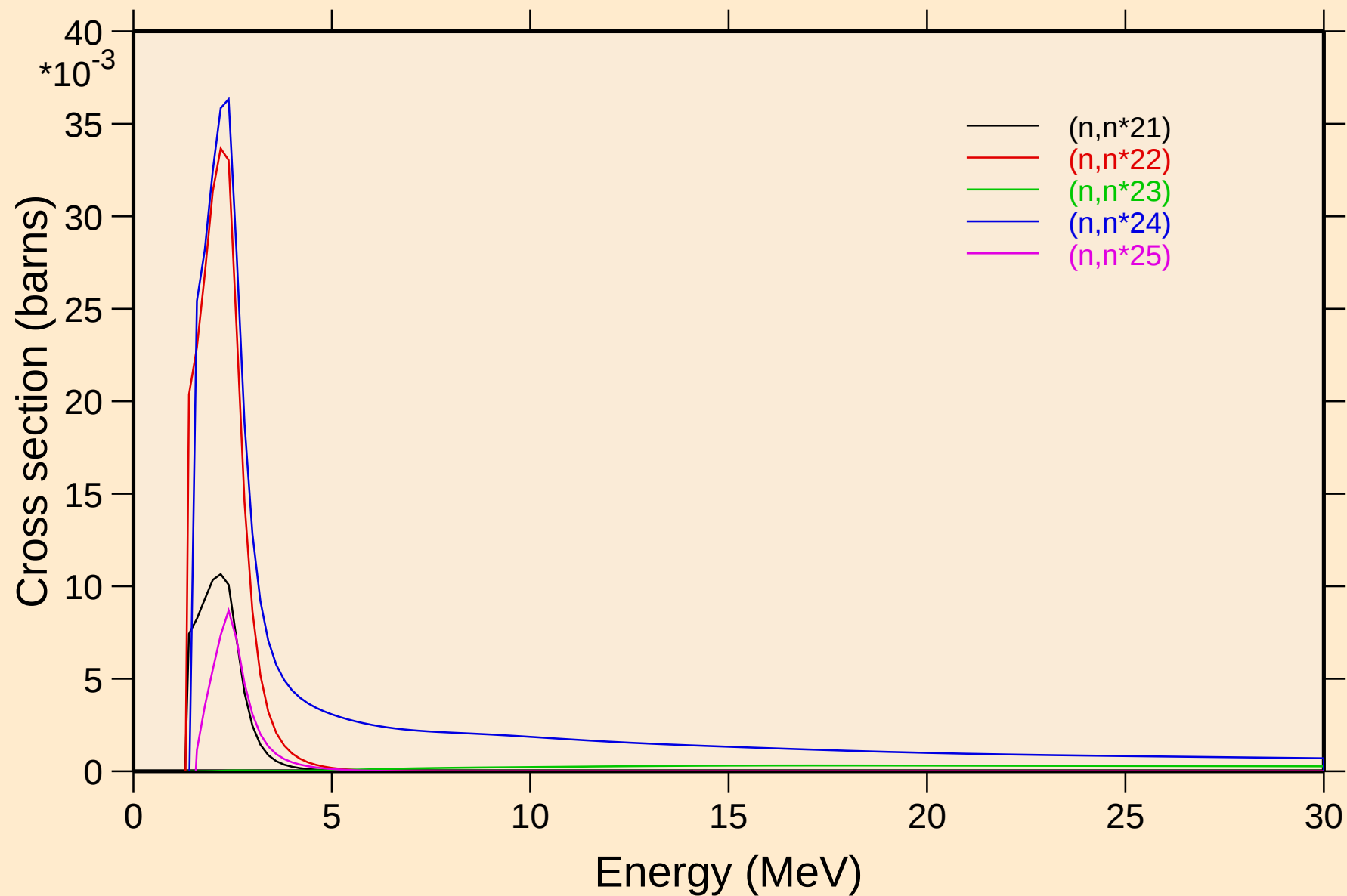


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

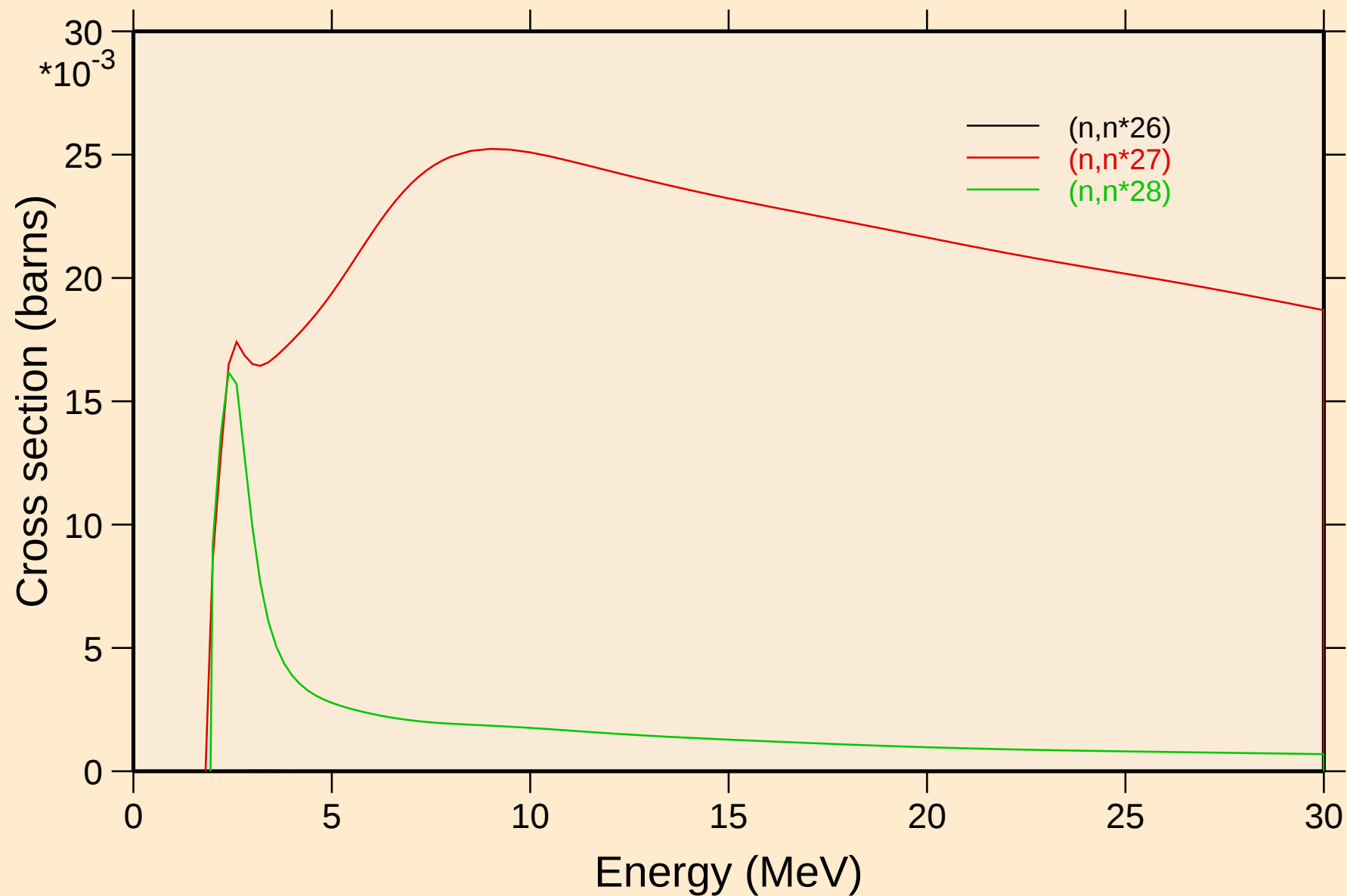


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

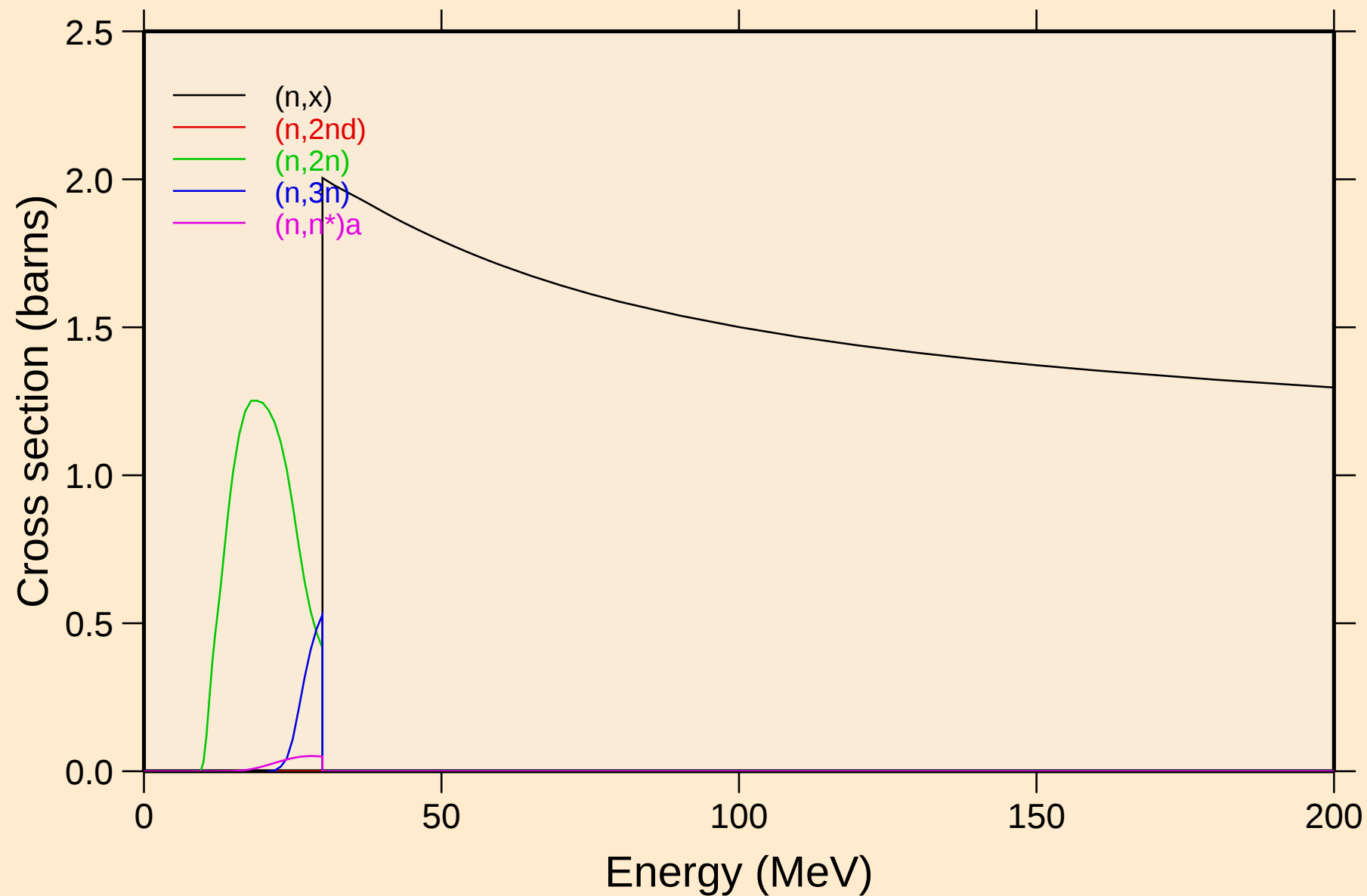


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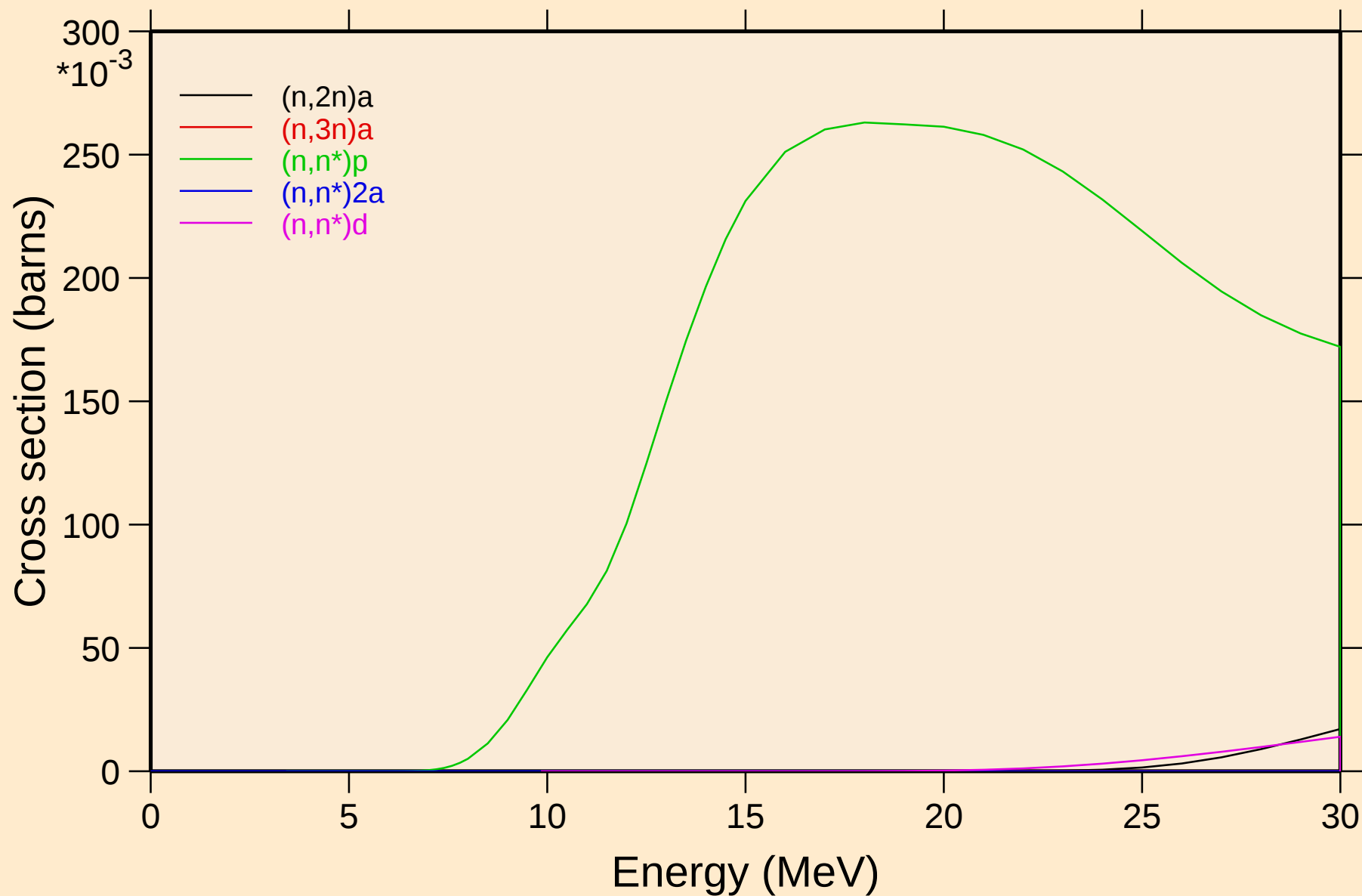
Inelastic levels



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

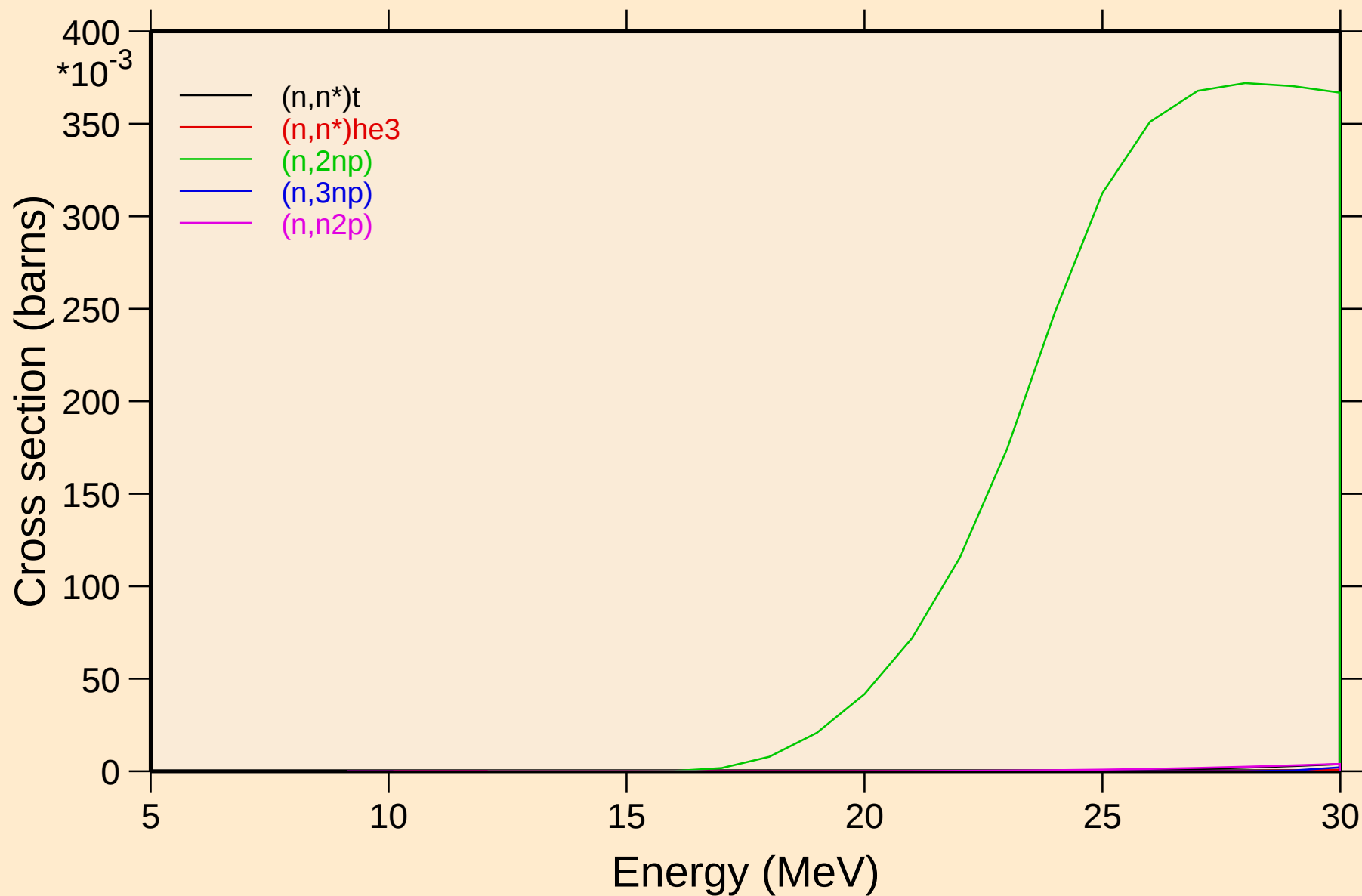


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

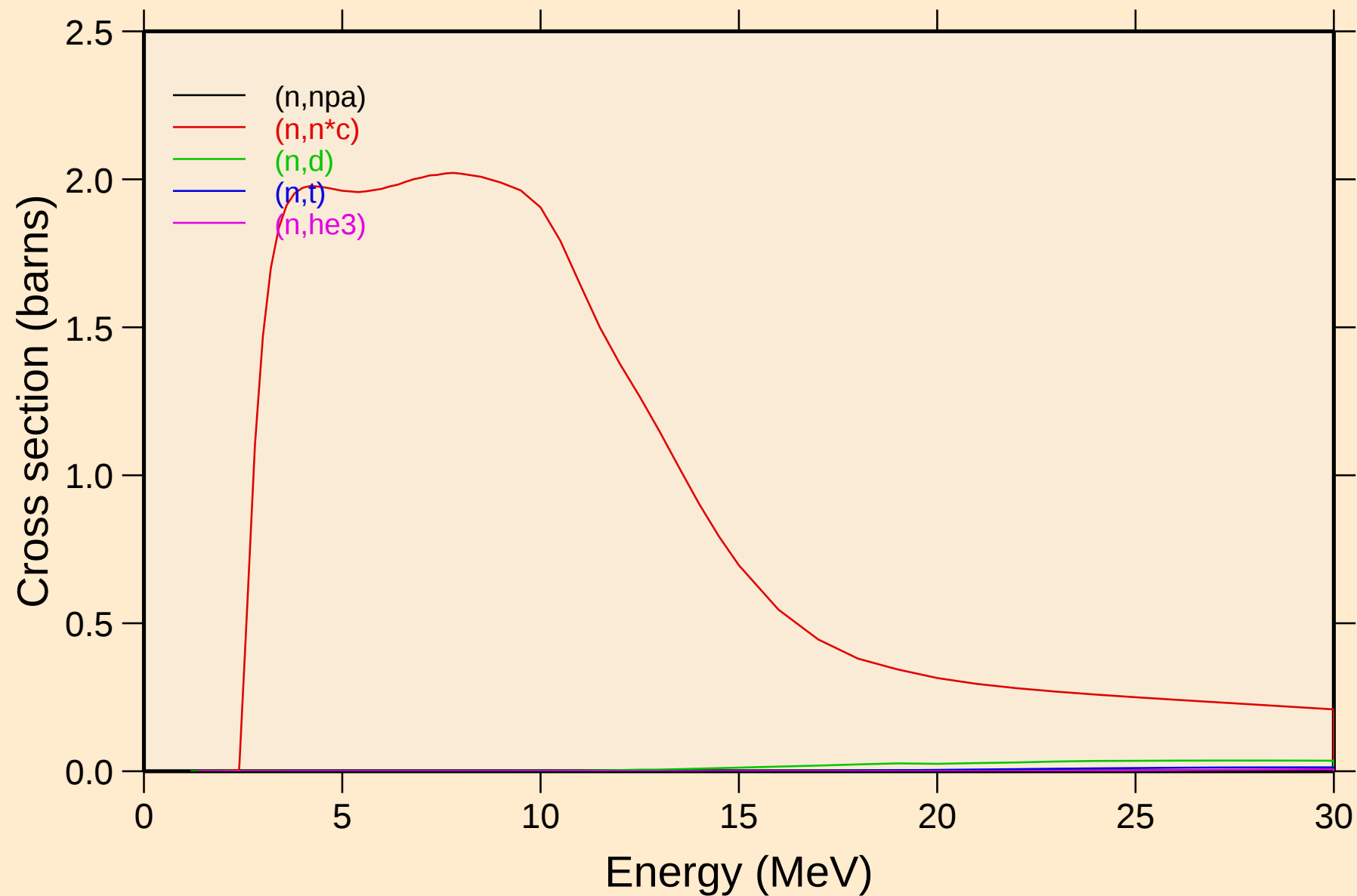


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

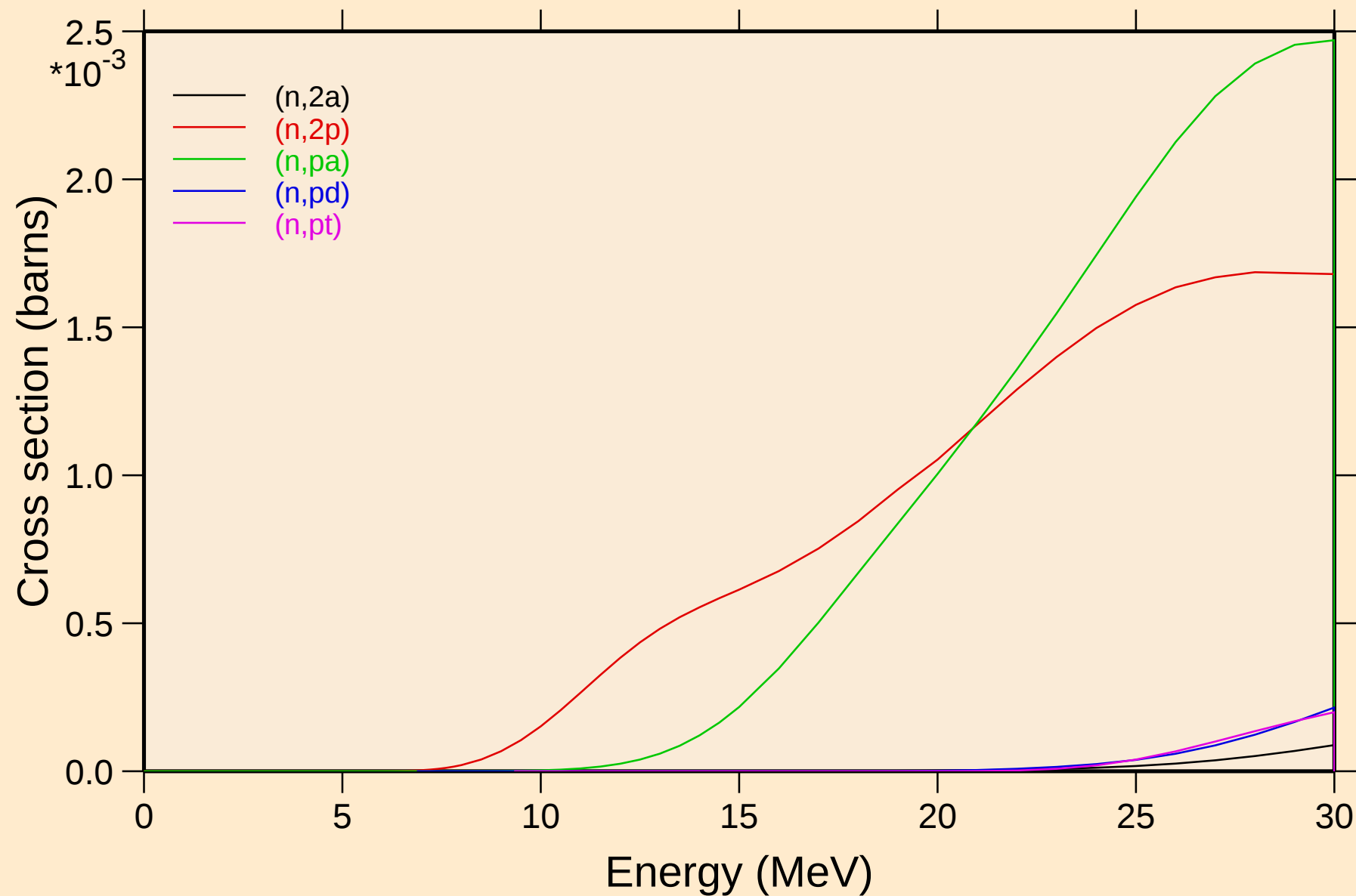
Threshold reactions



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

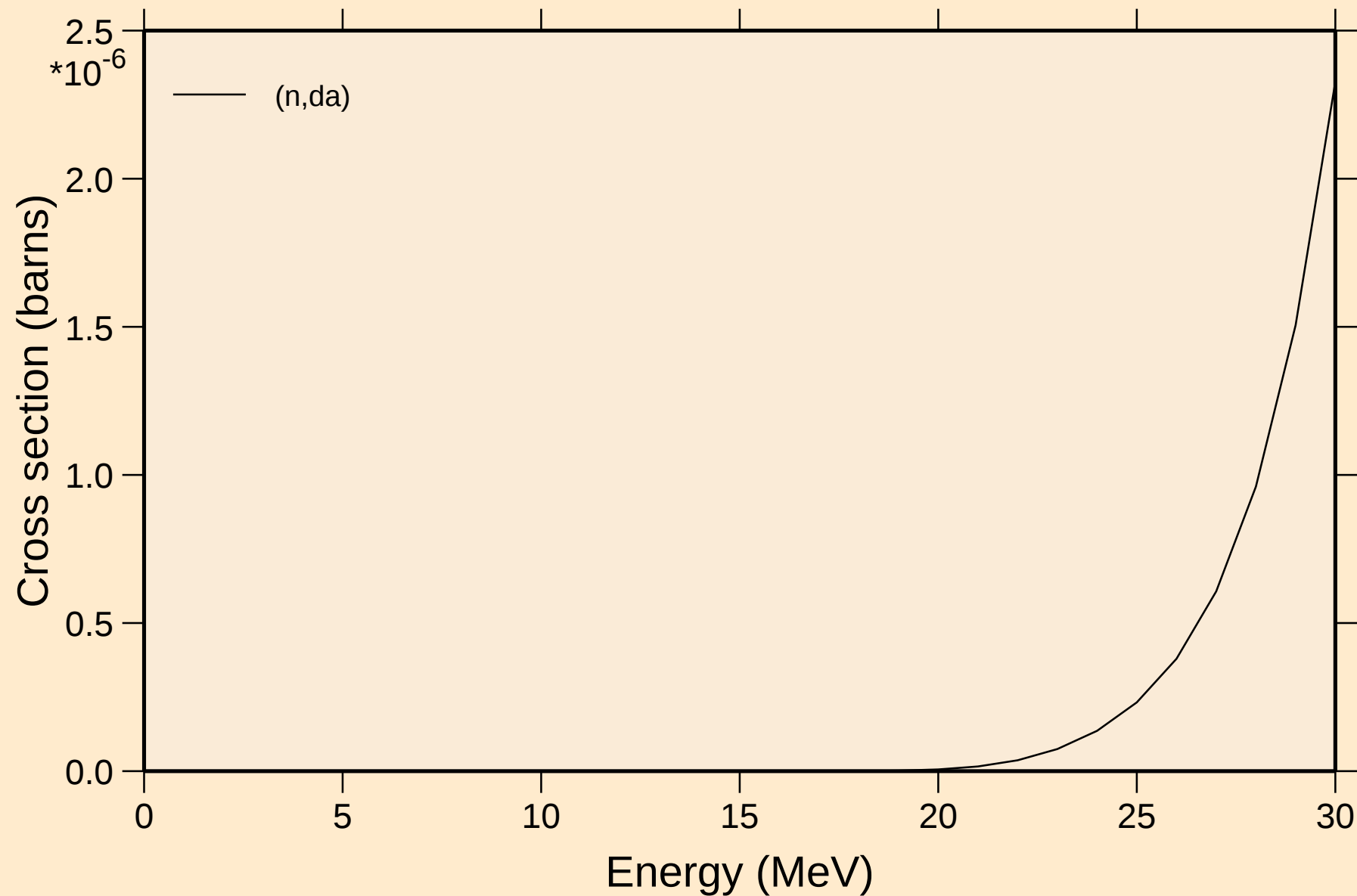


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

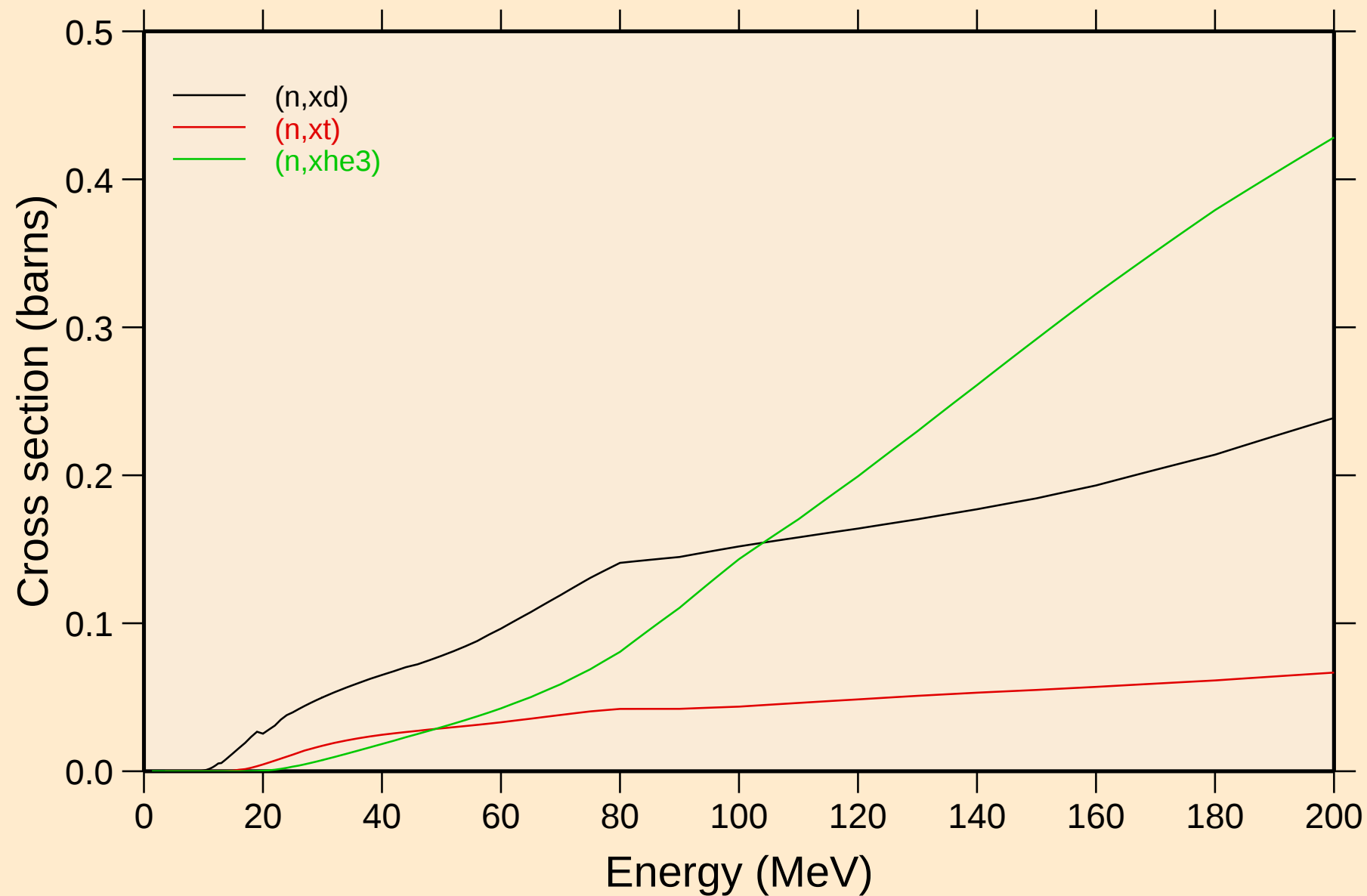


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

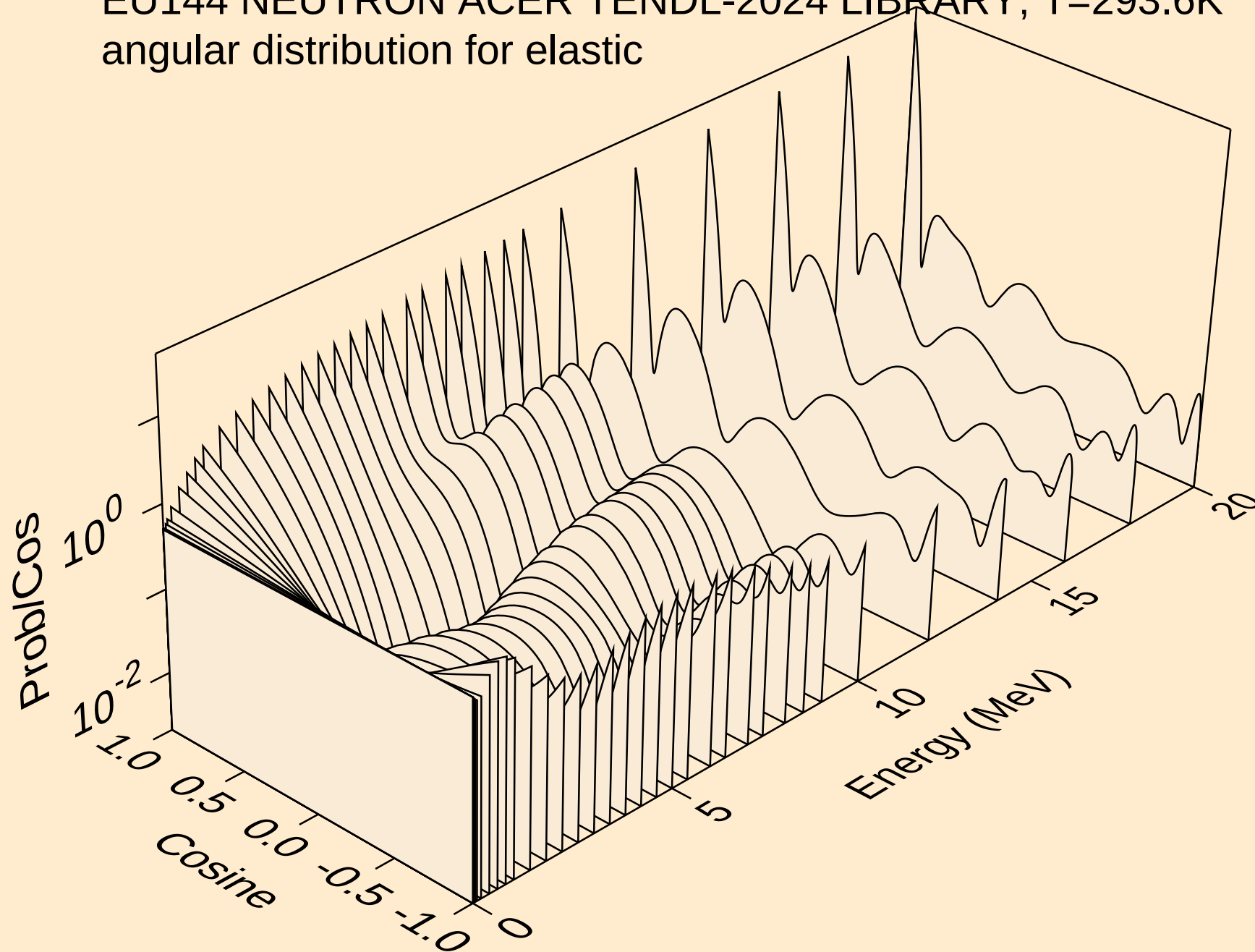
Threshold reactions



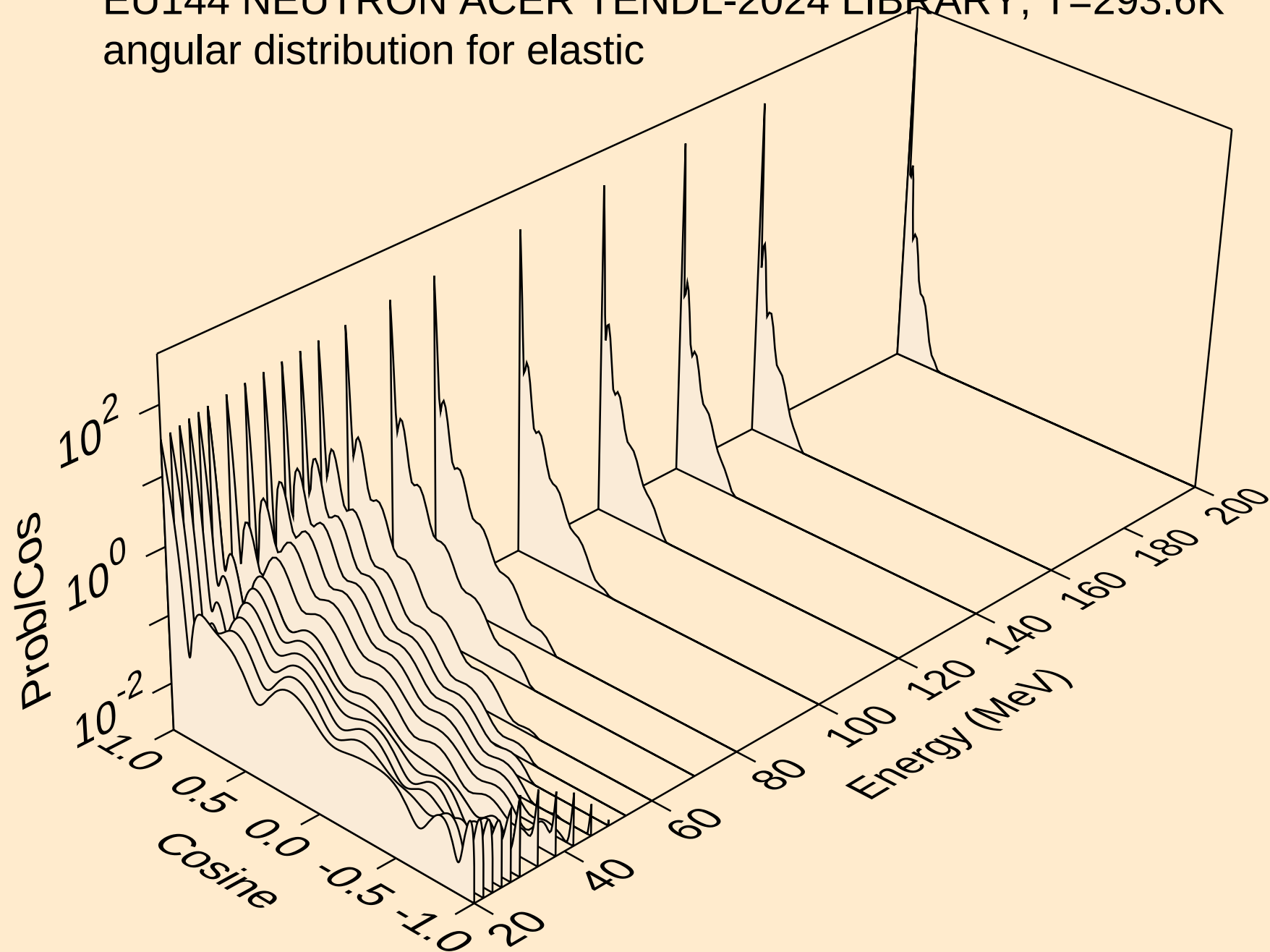
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



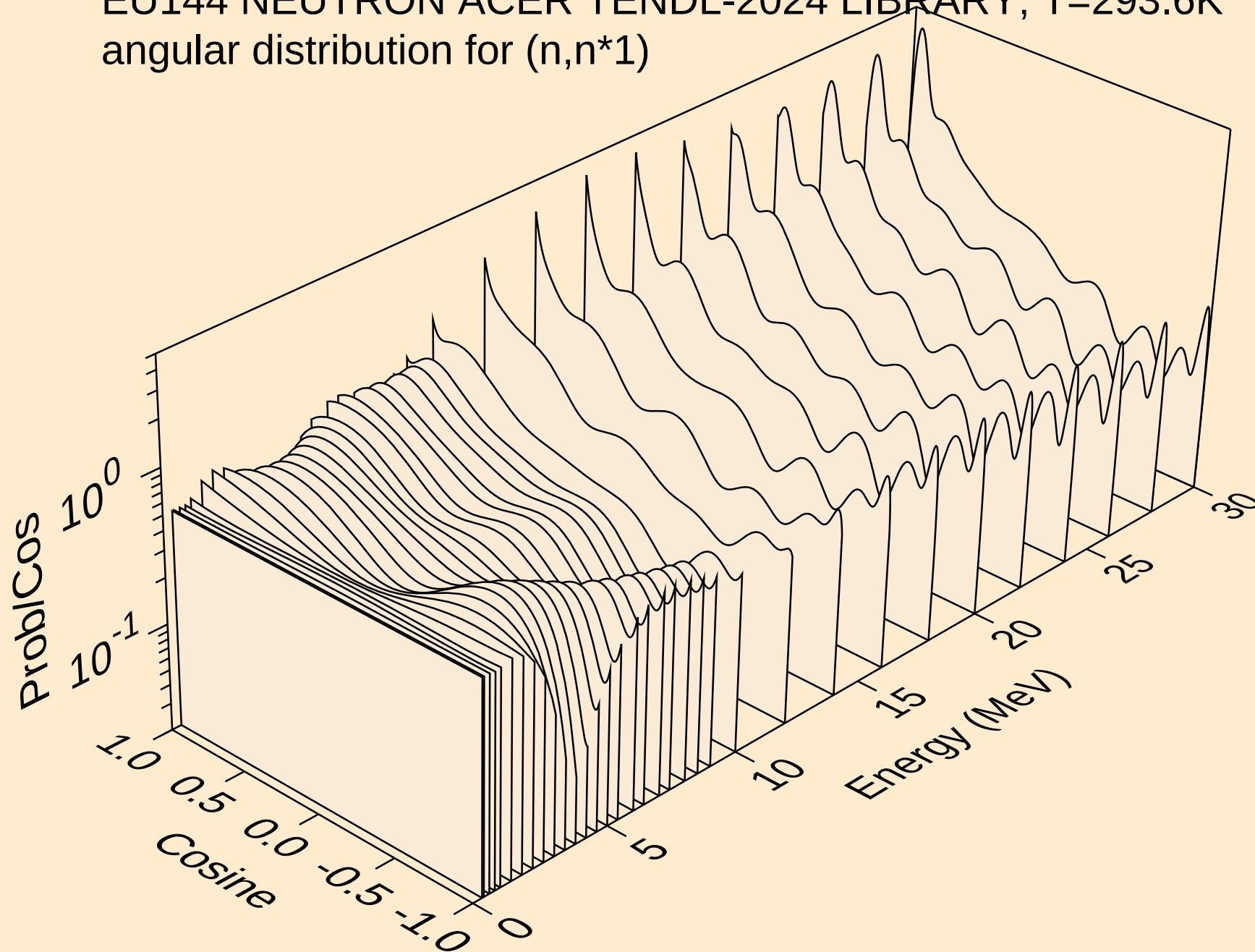
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



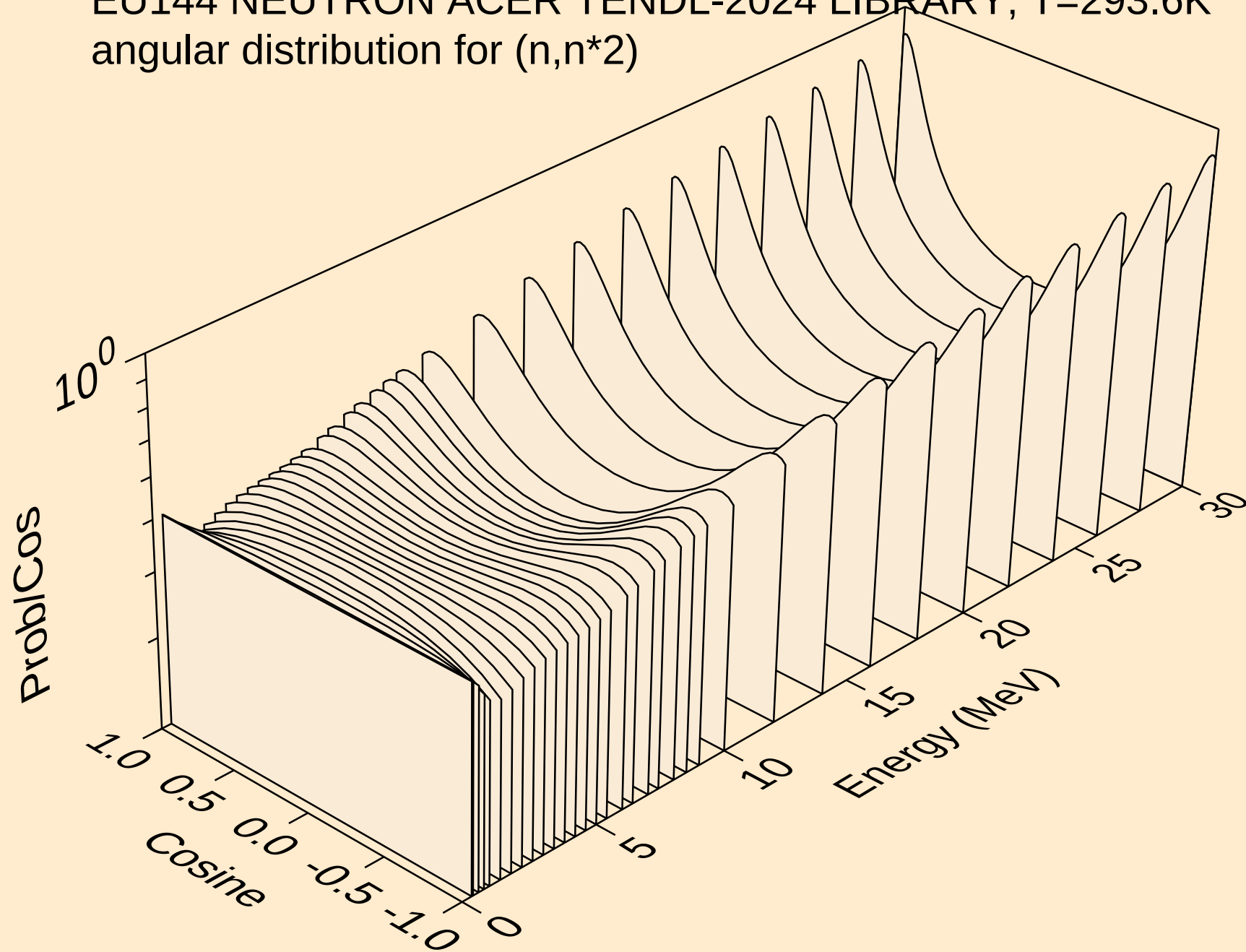
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



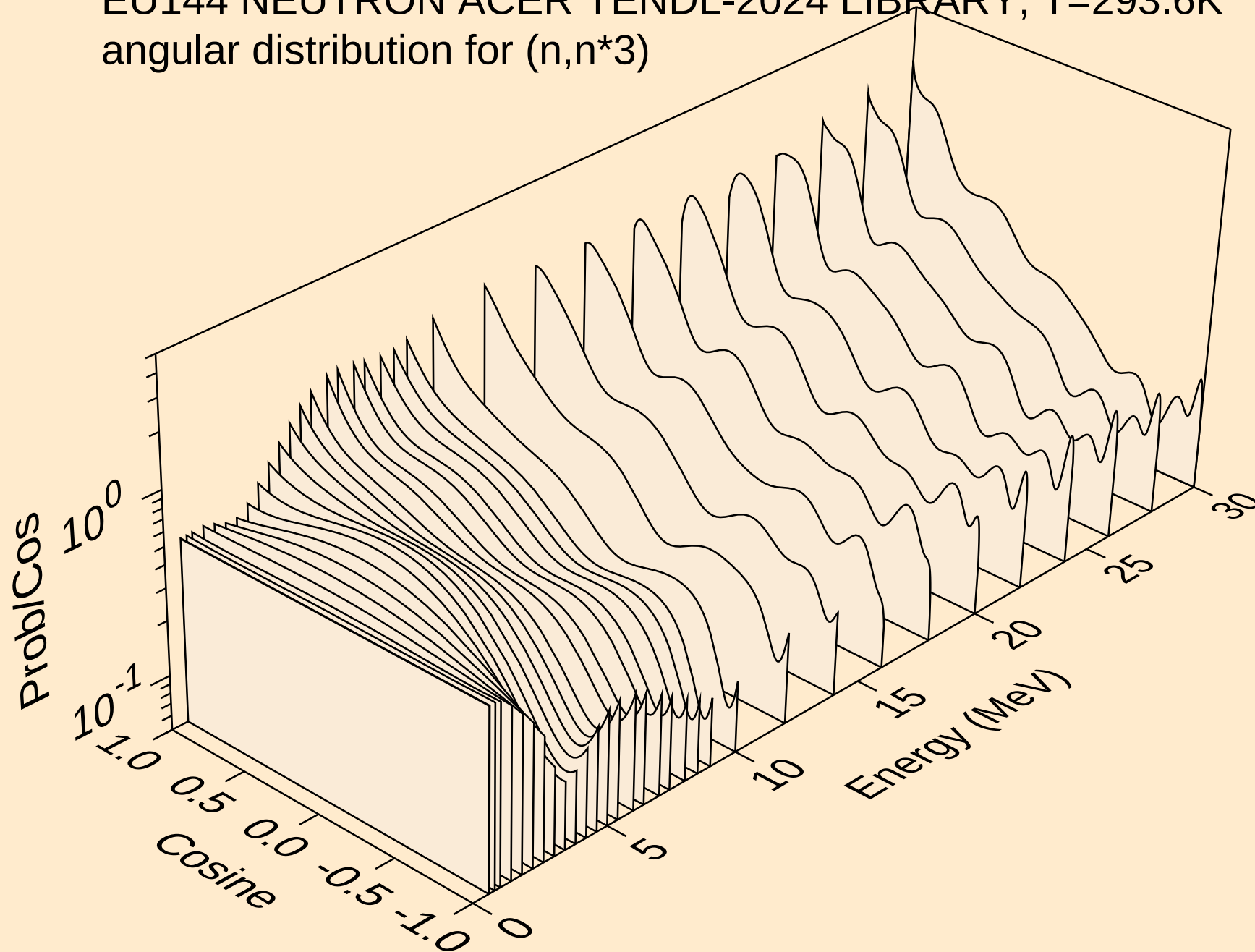
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



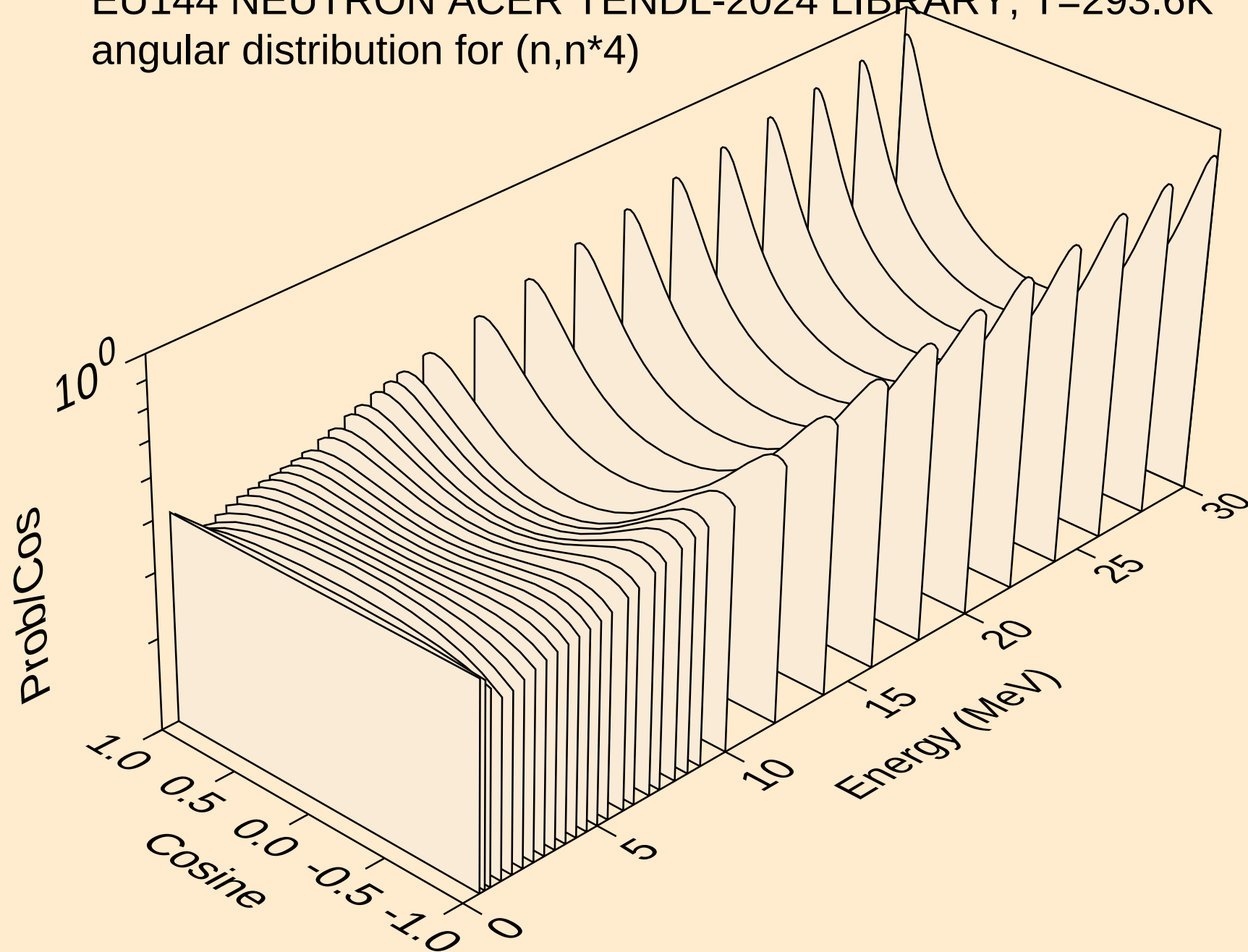
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



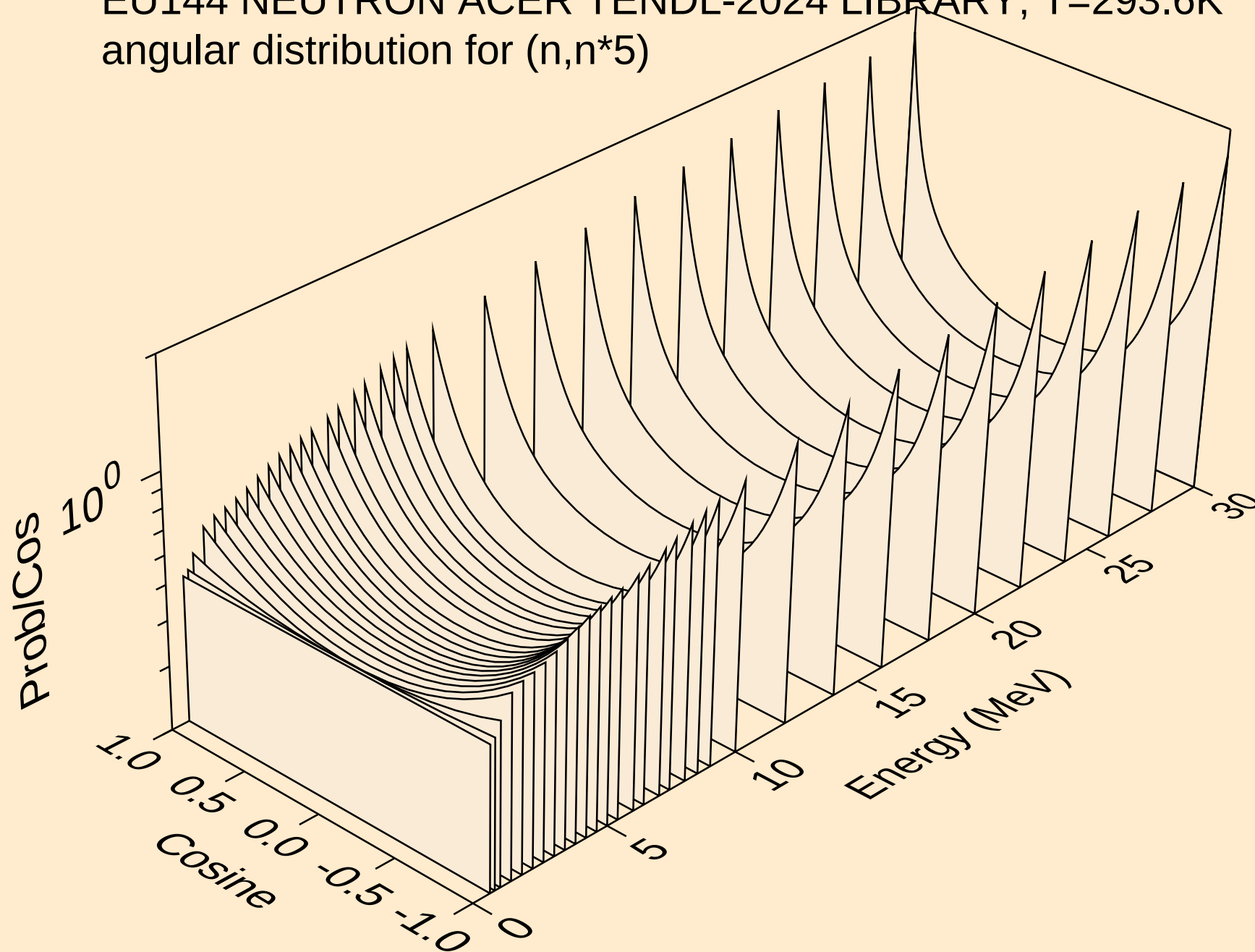
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



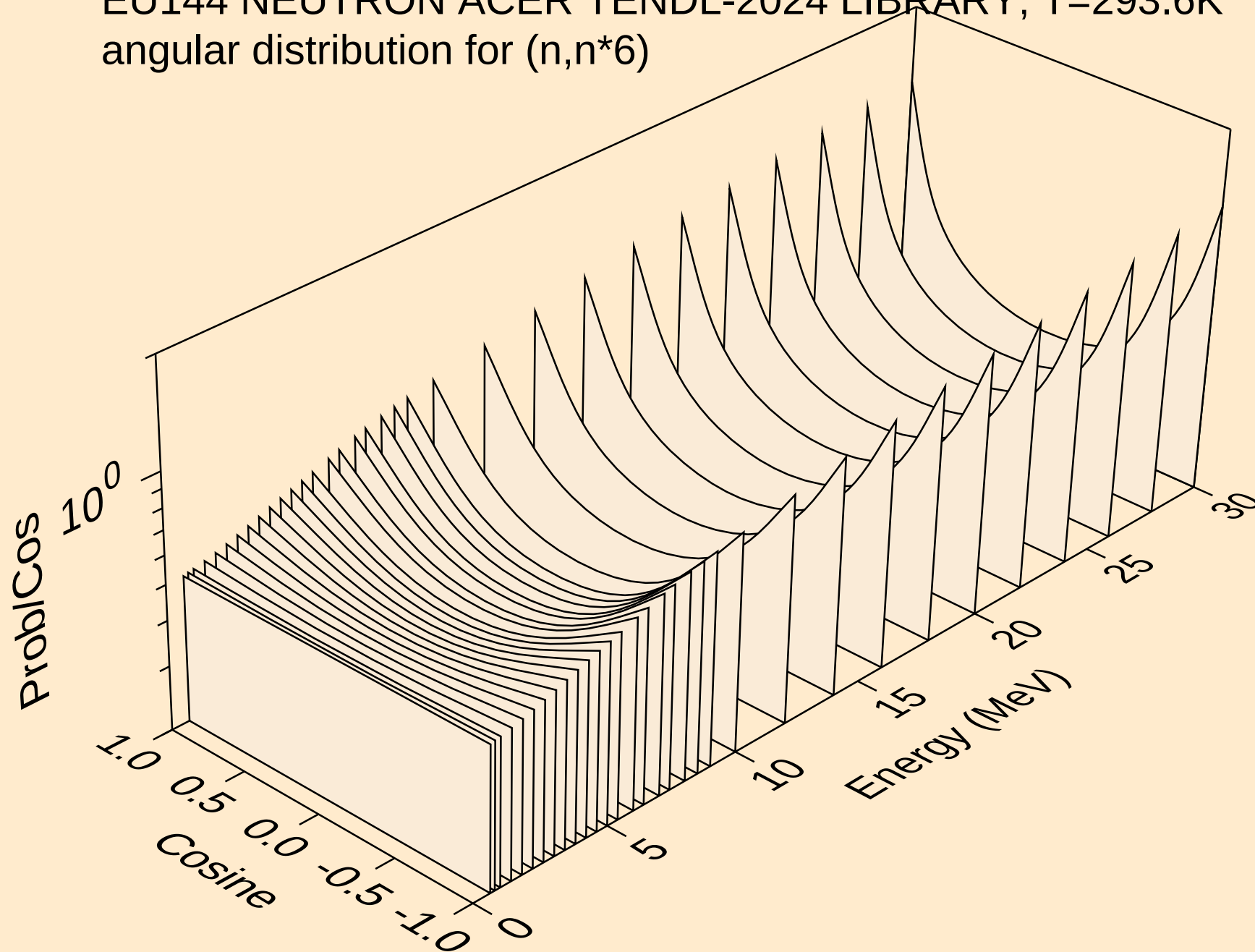
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



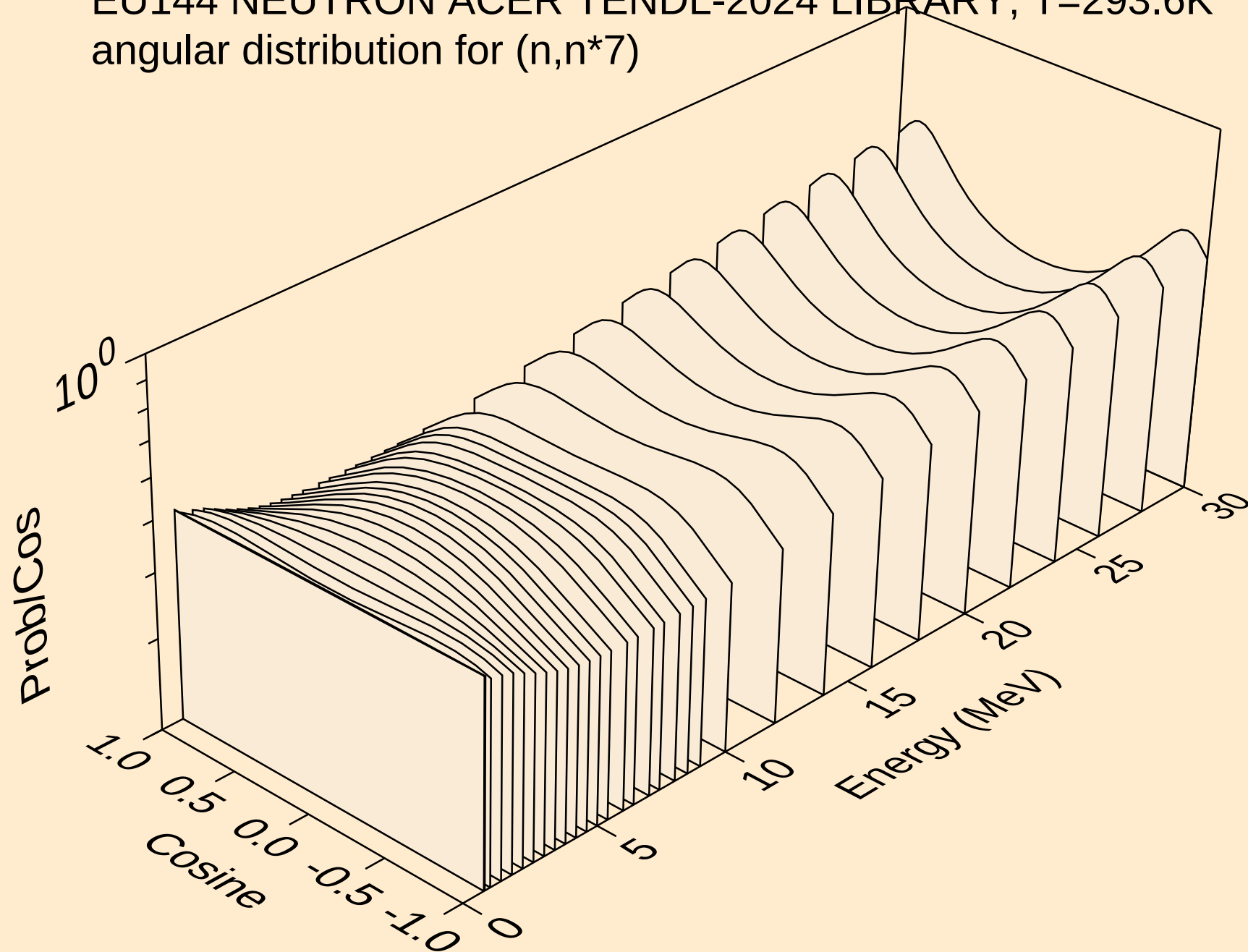
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



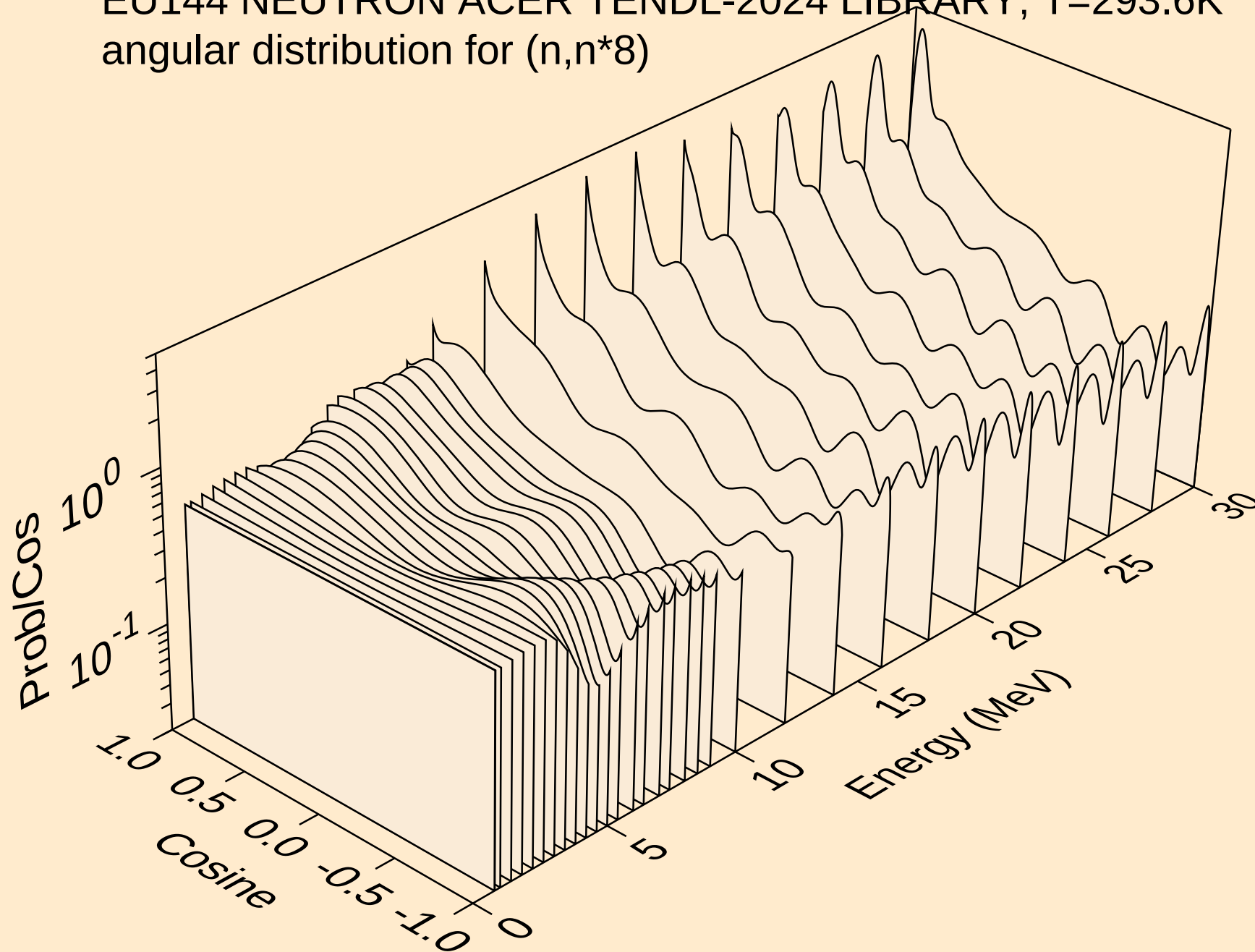
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



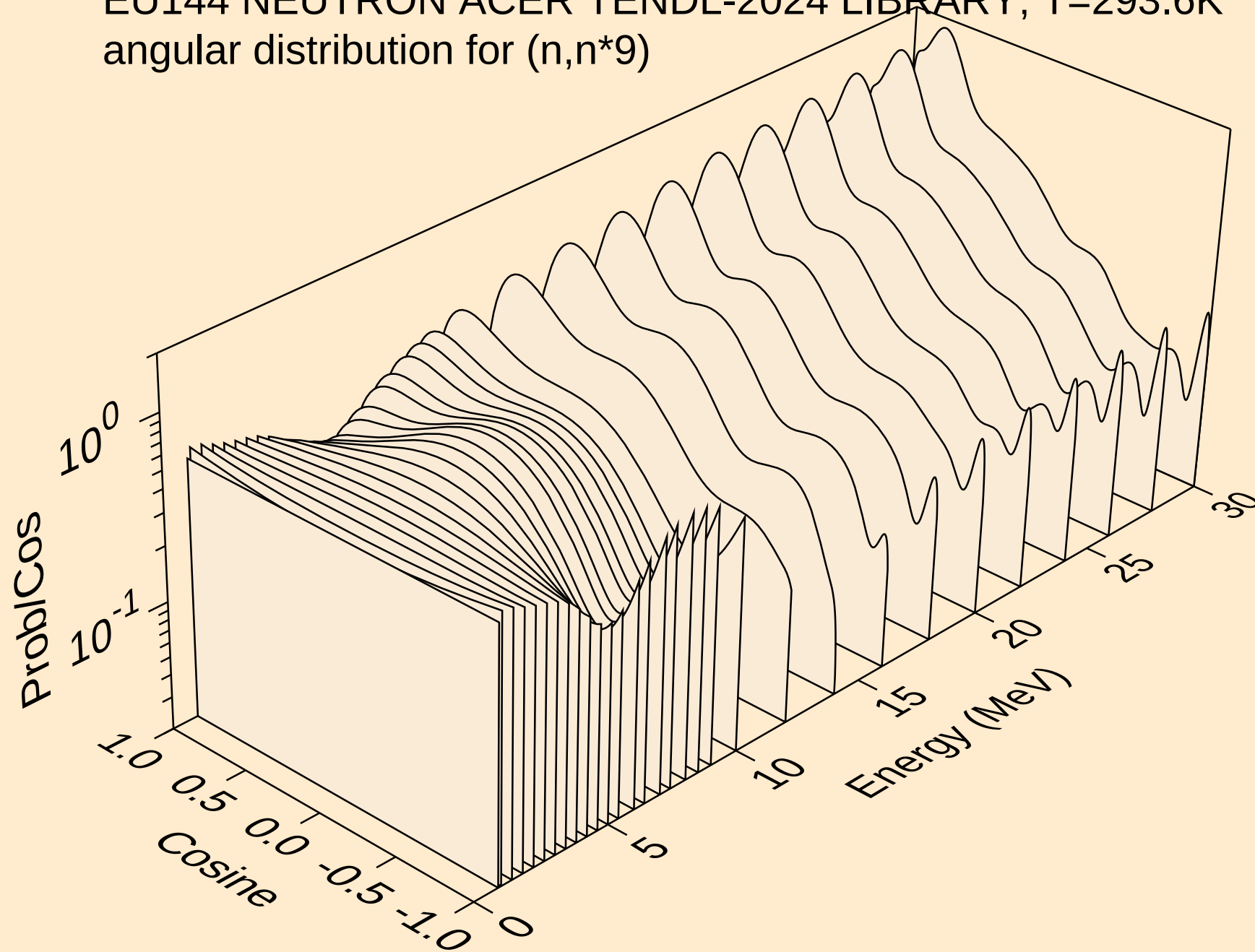
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



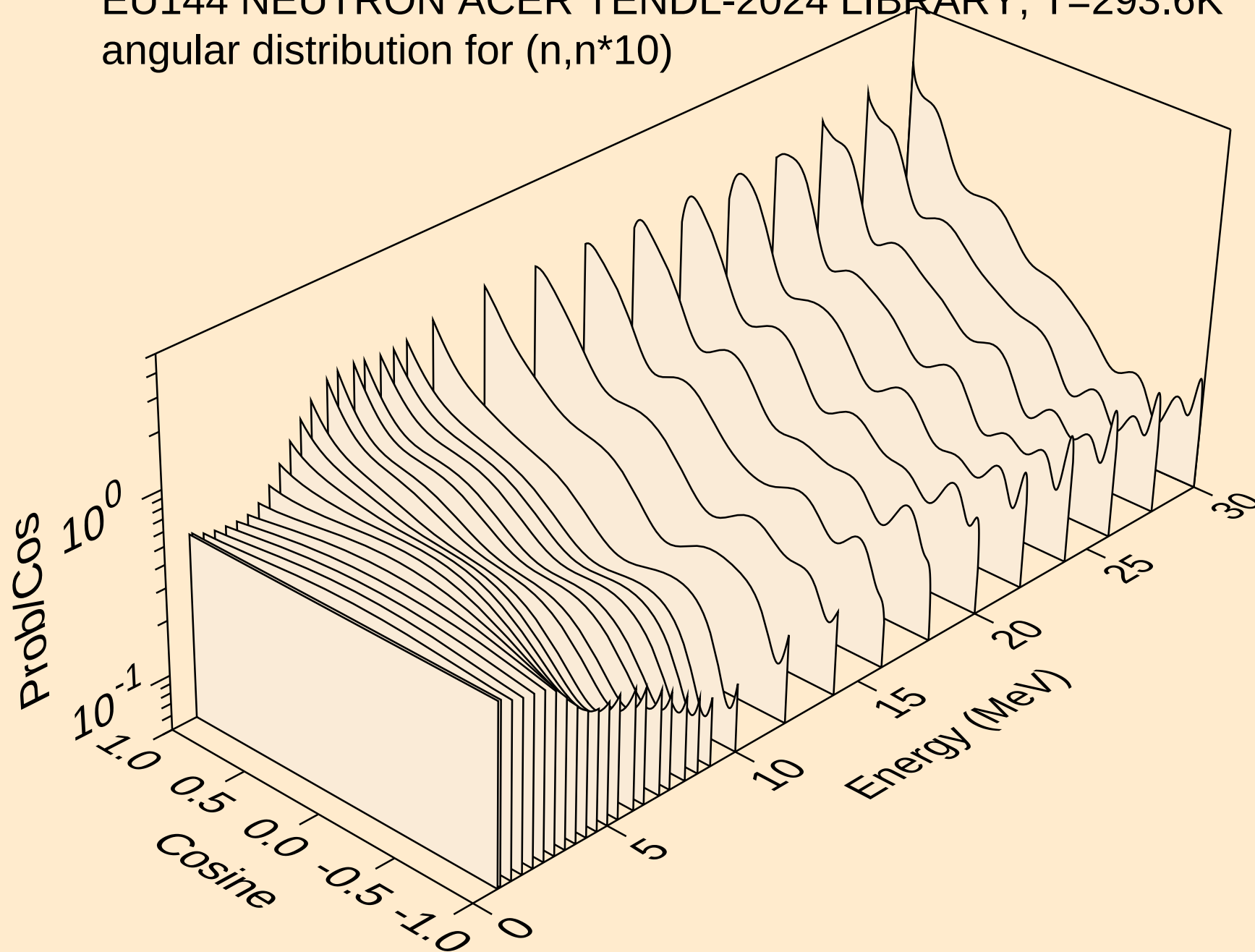
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



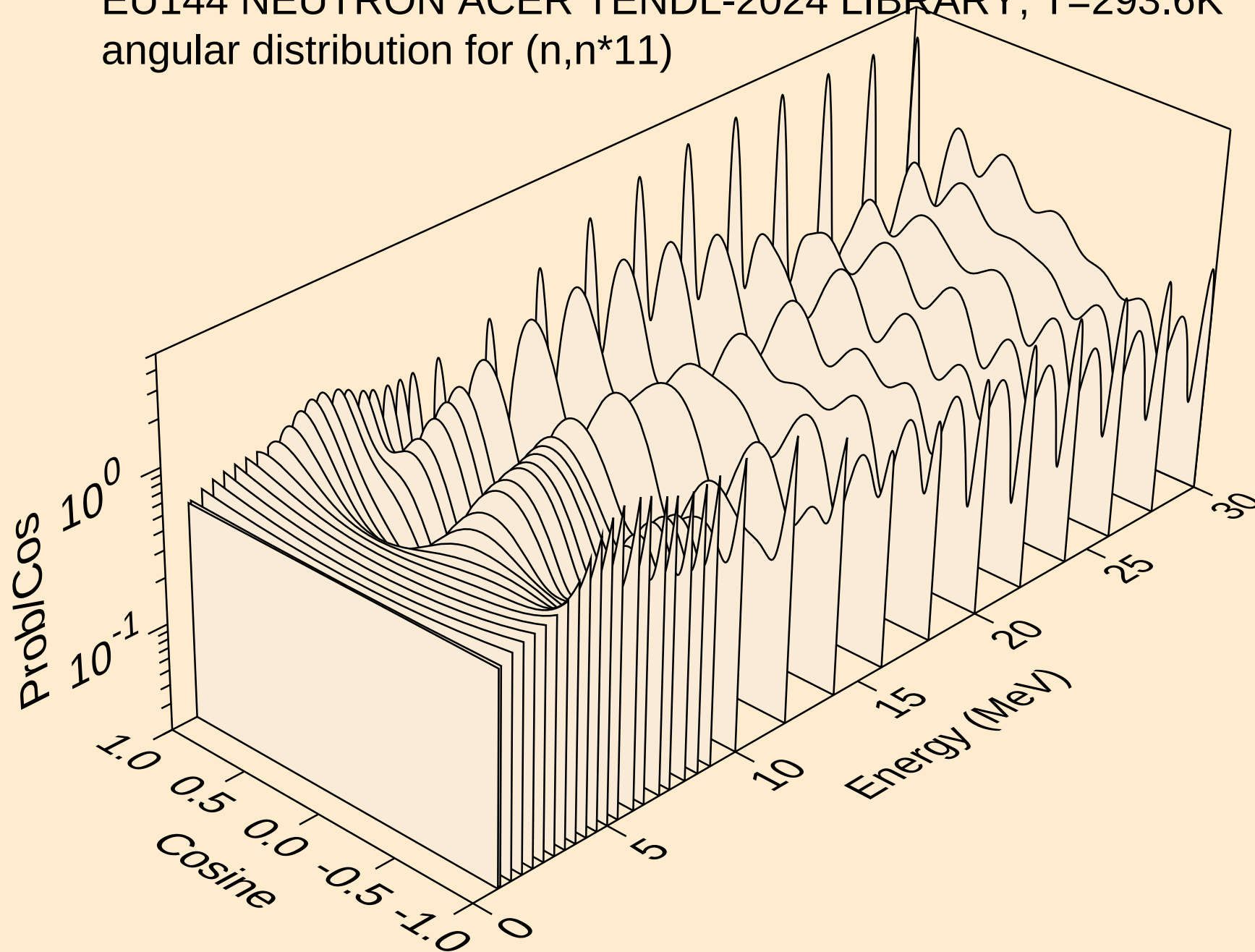
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



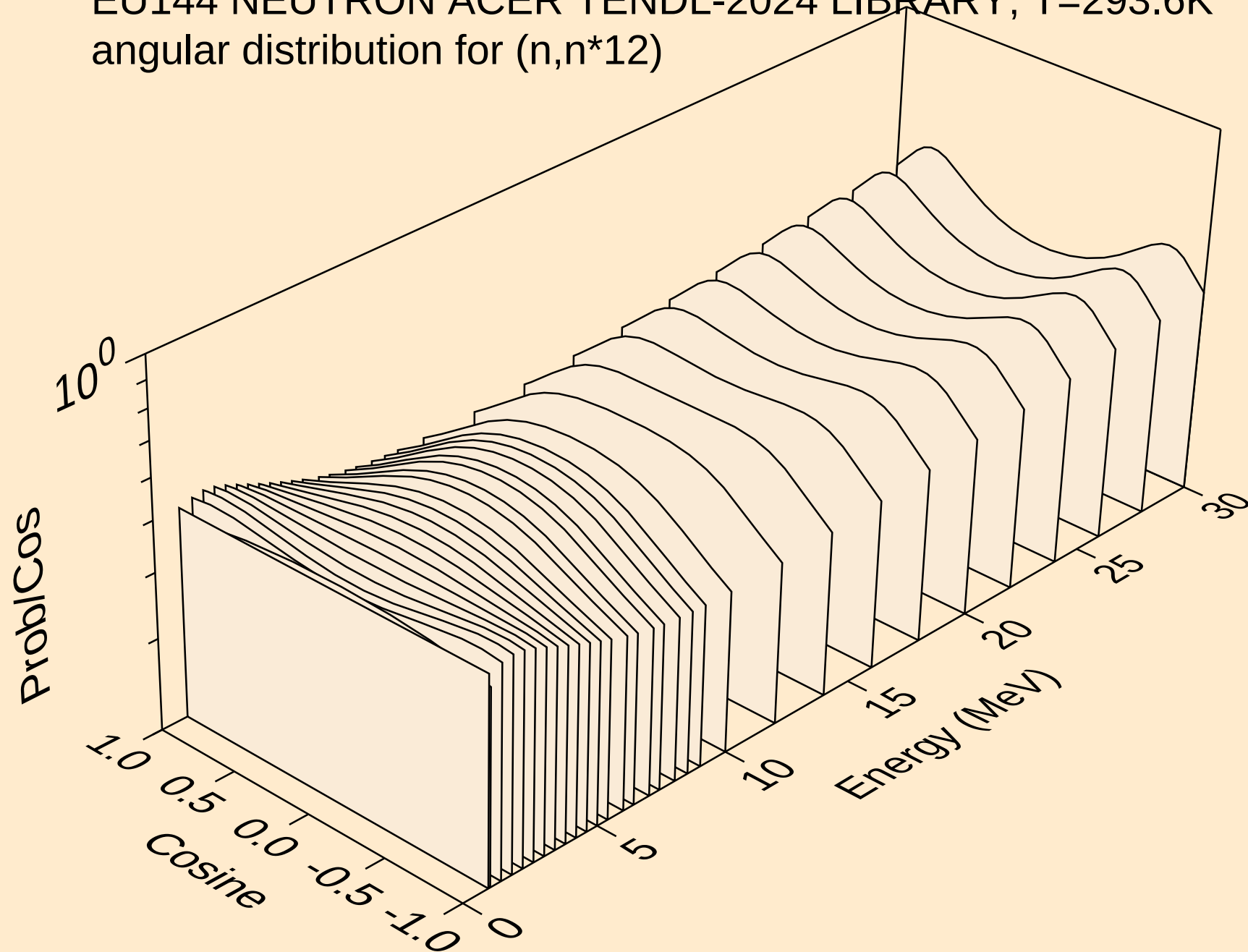
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



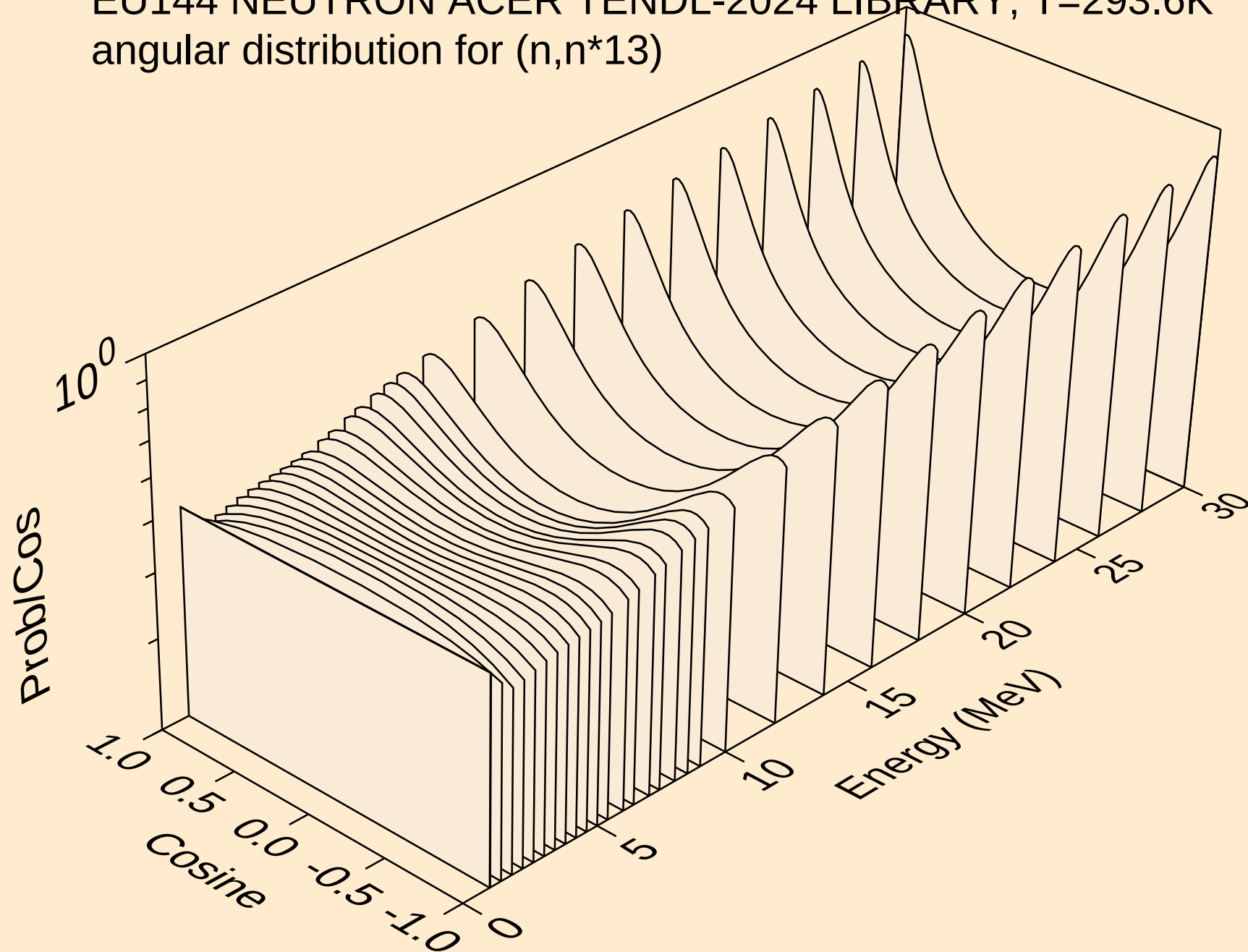
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



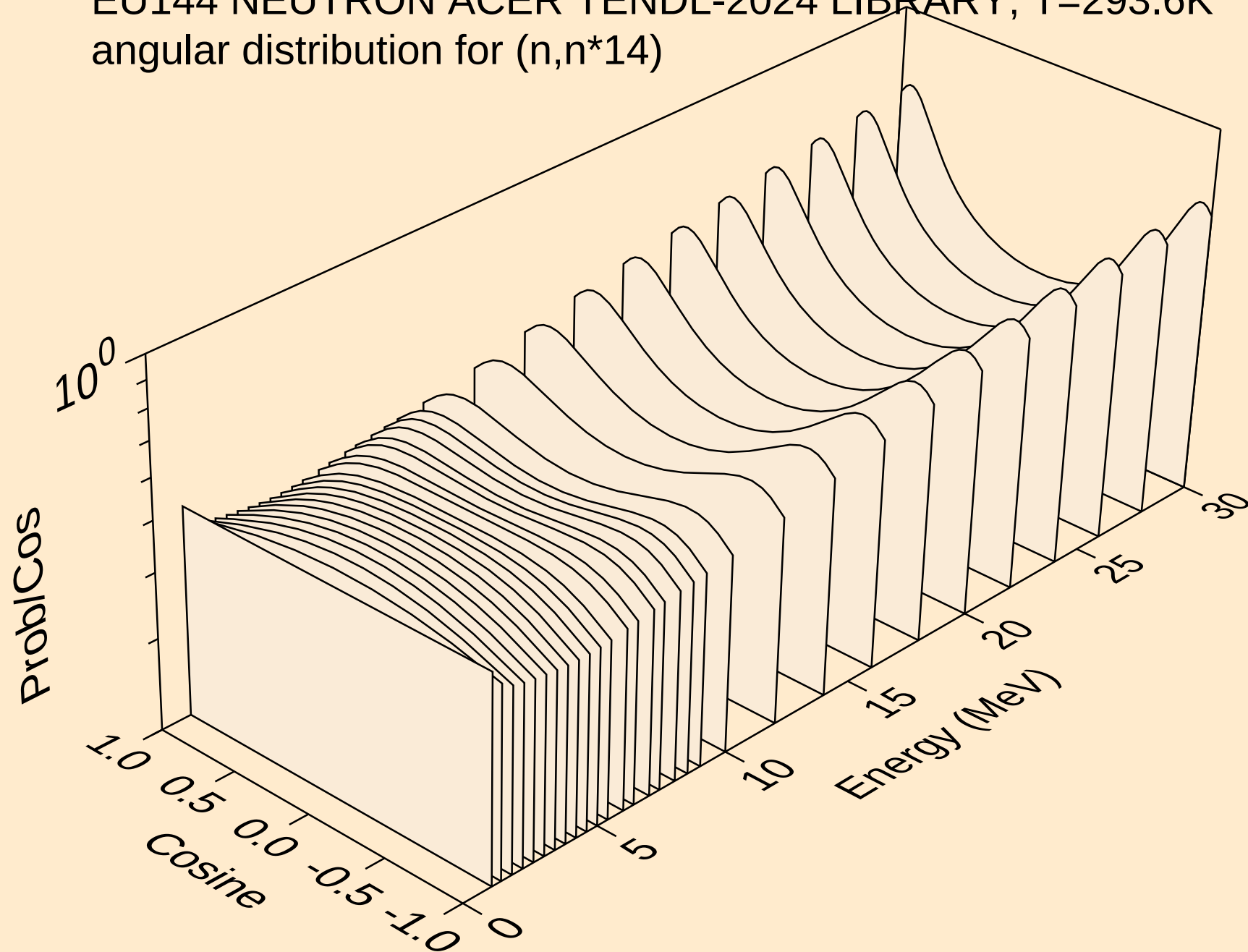
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



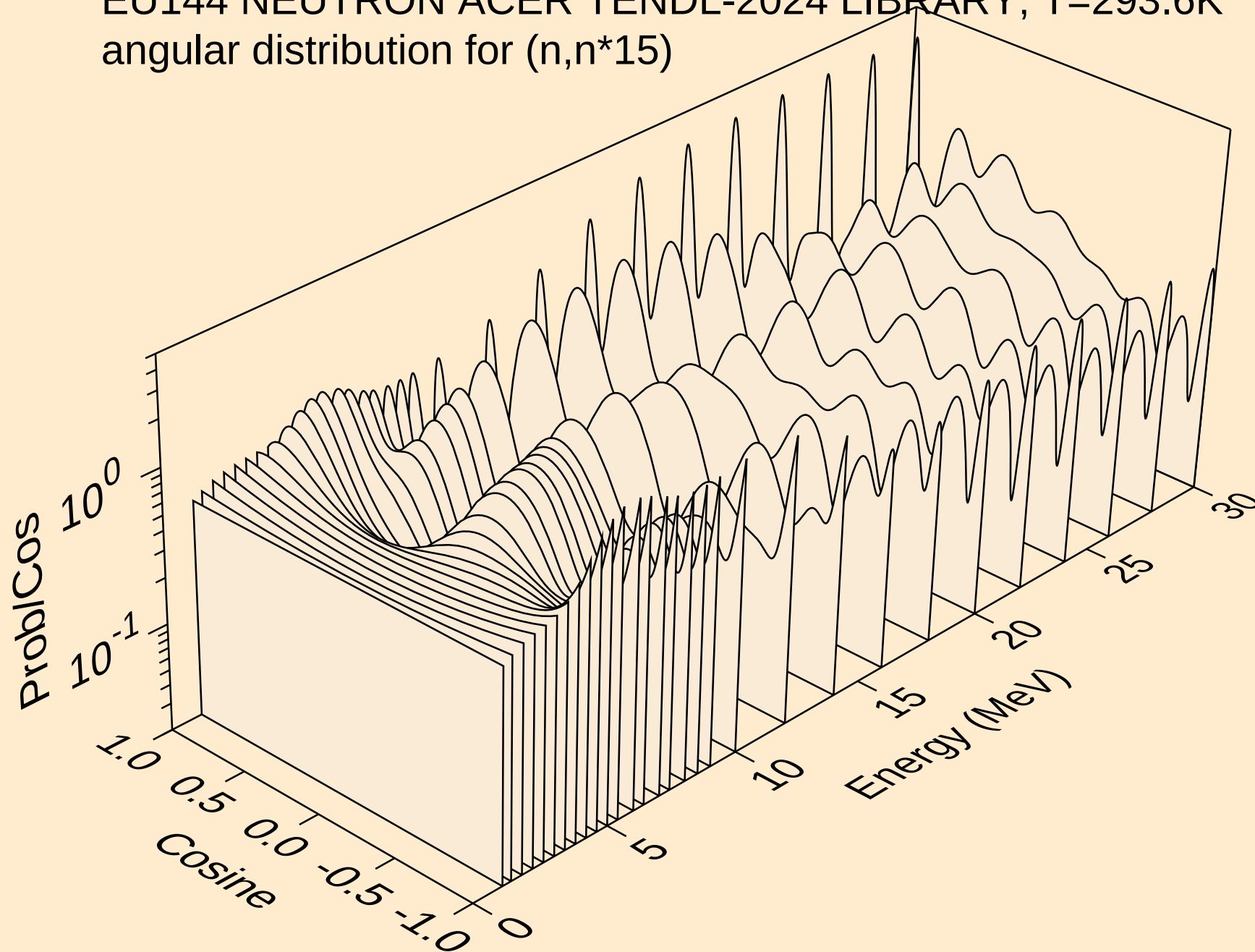
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



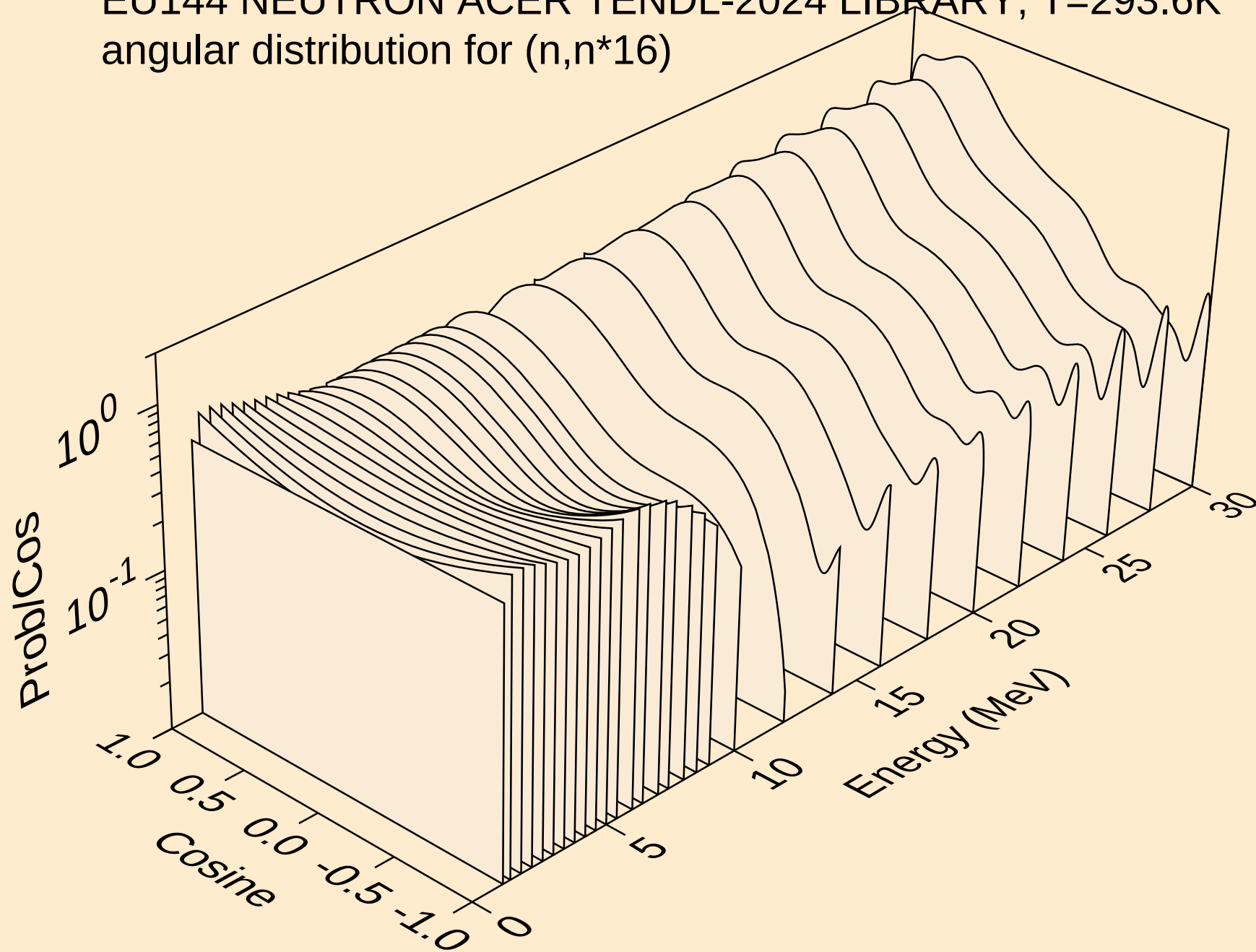
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



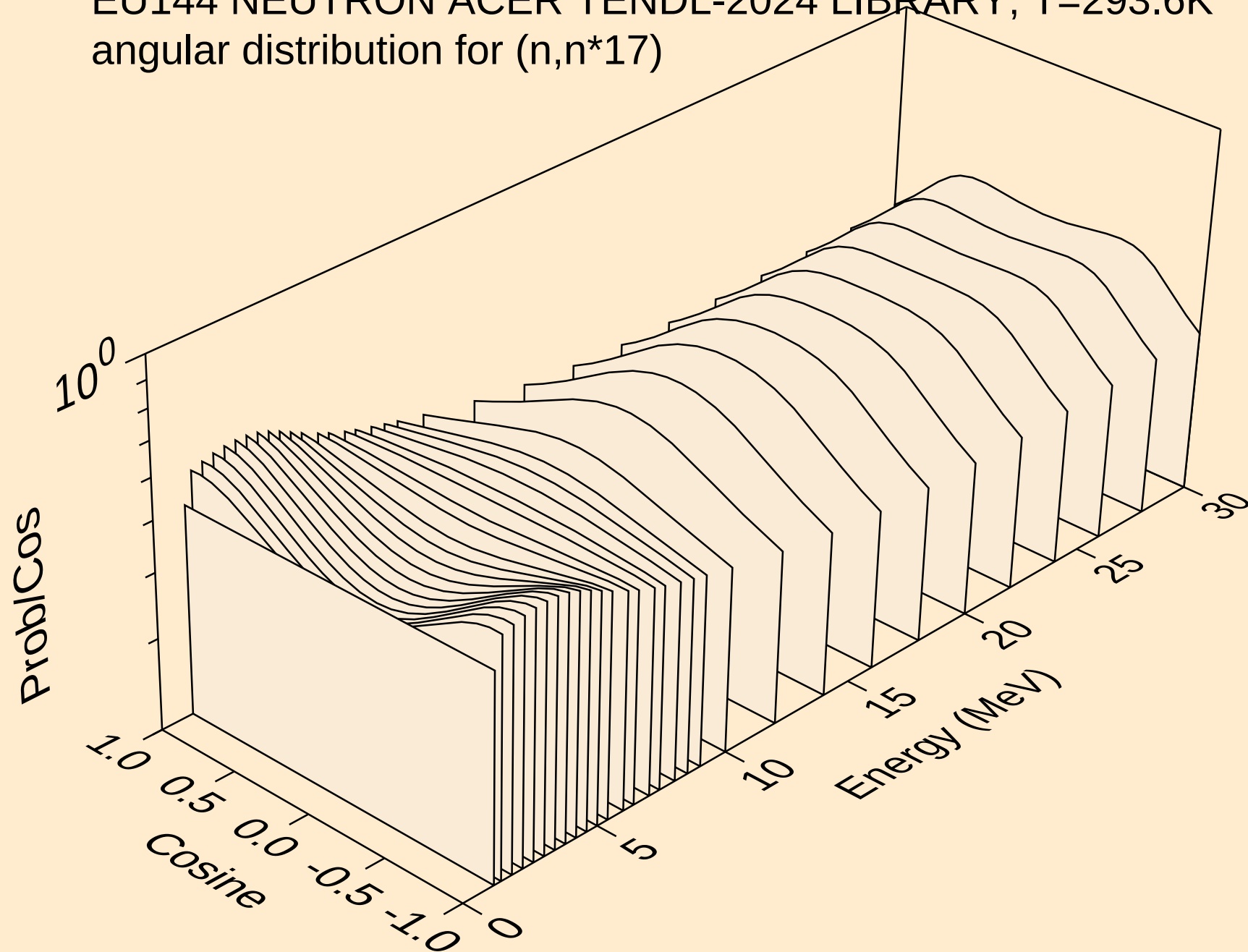
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



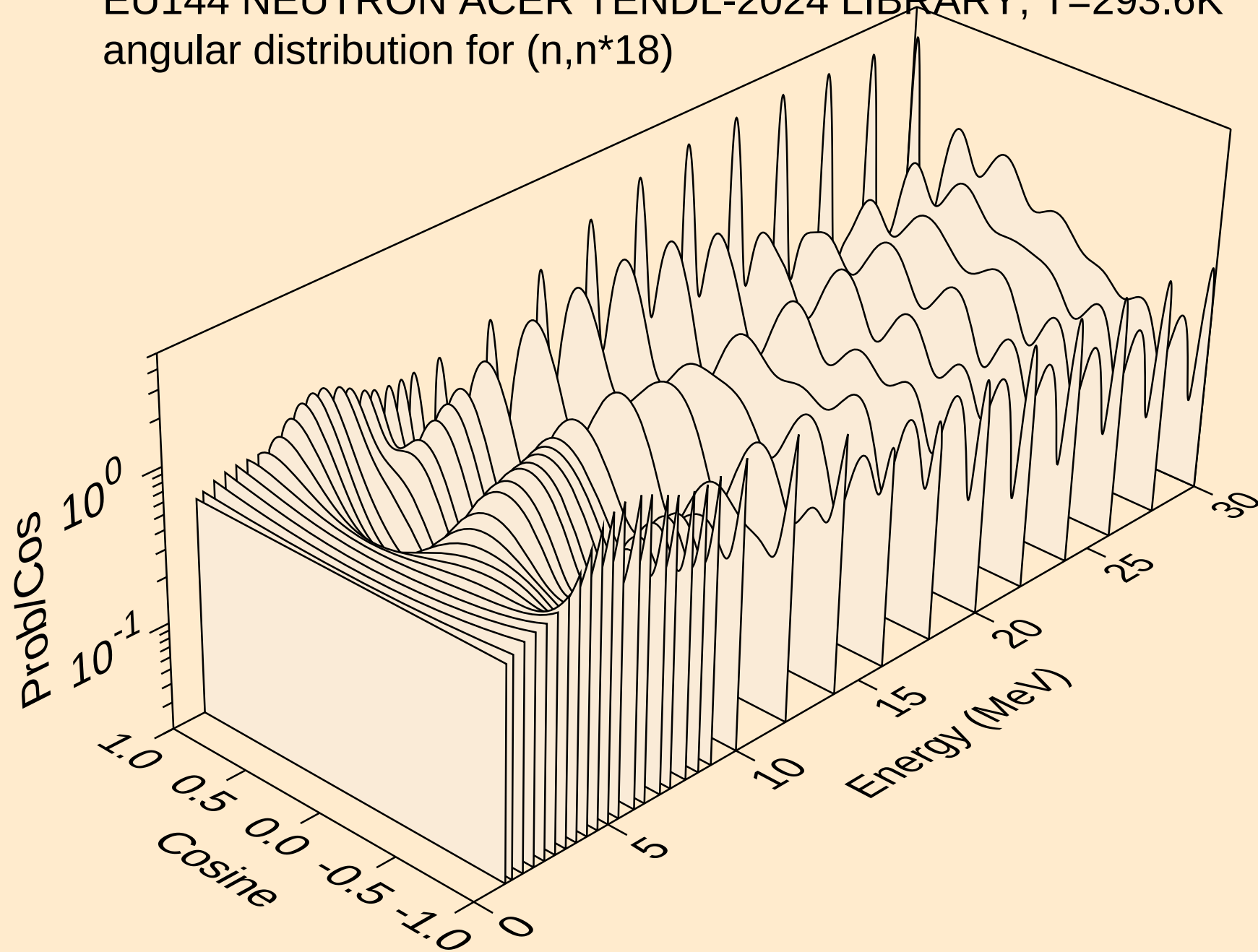
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



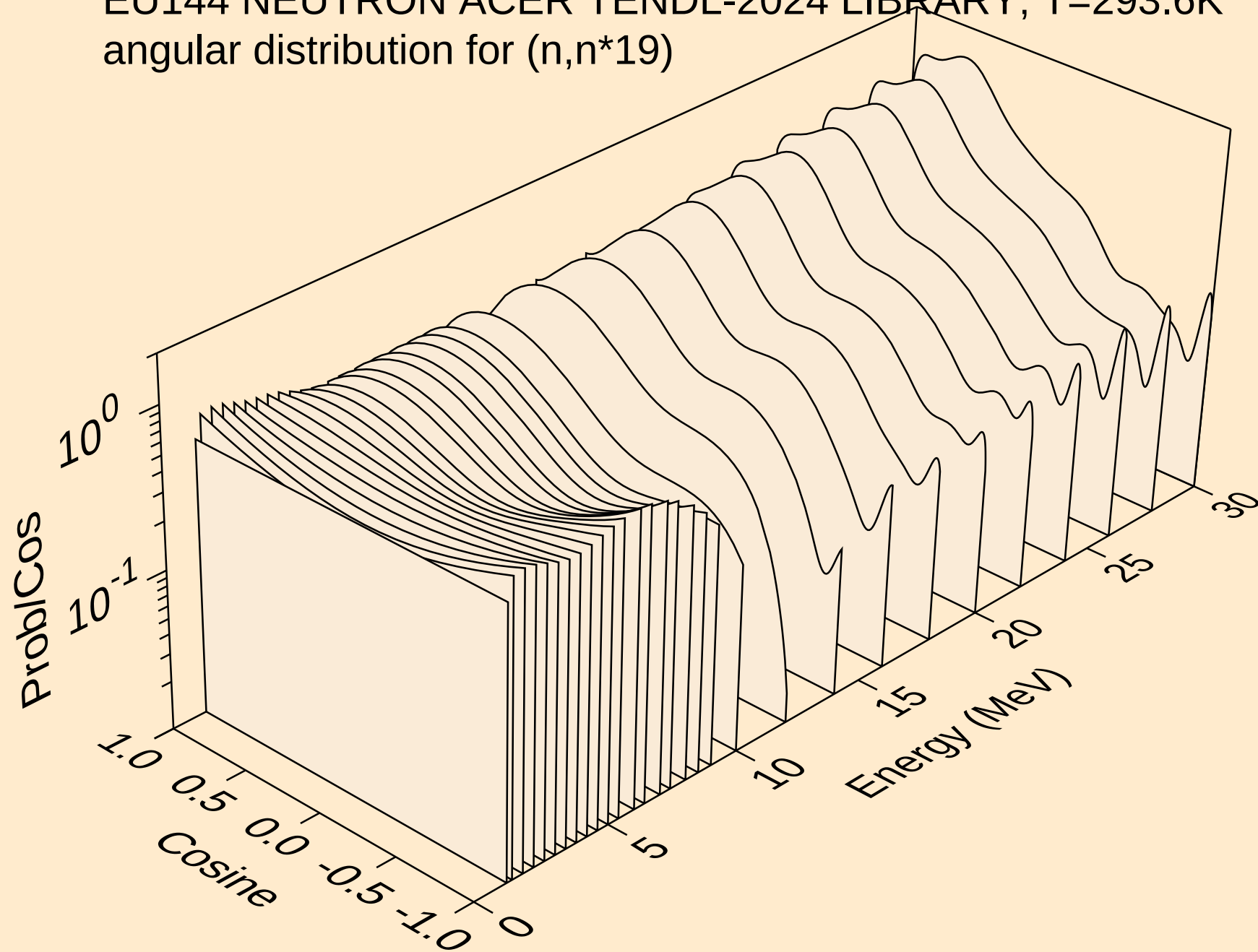
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



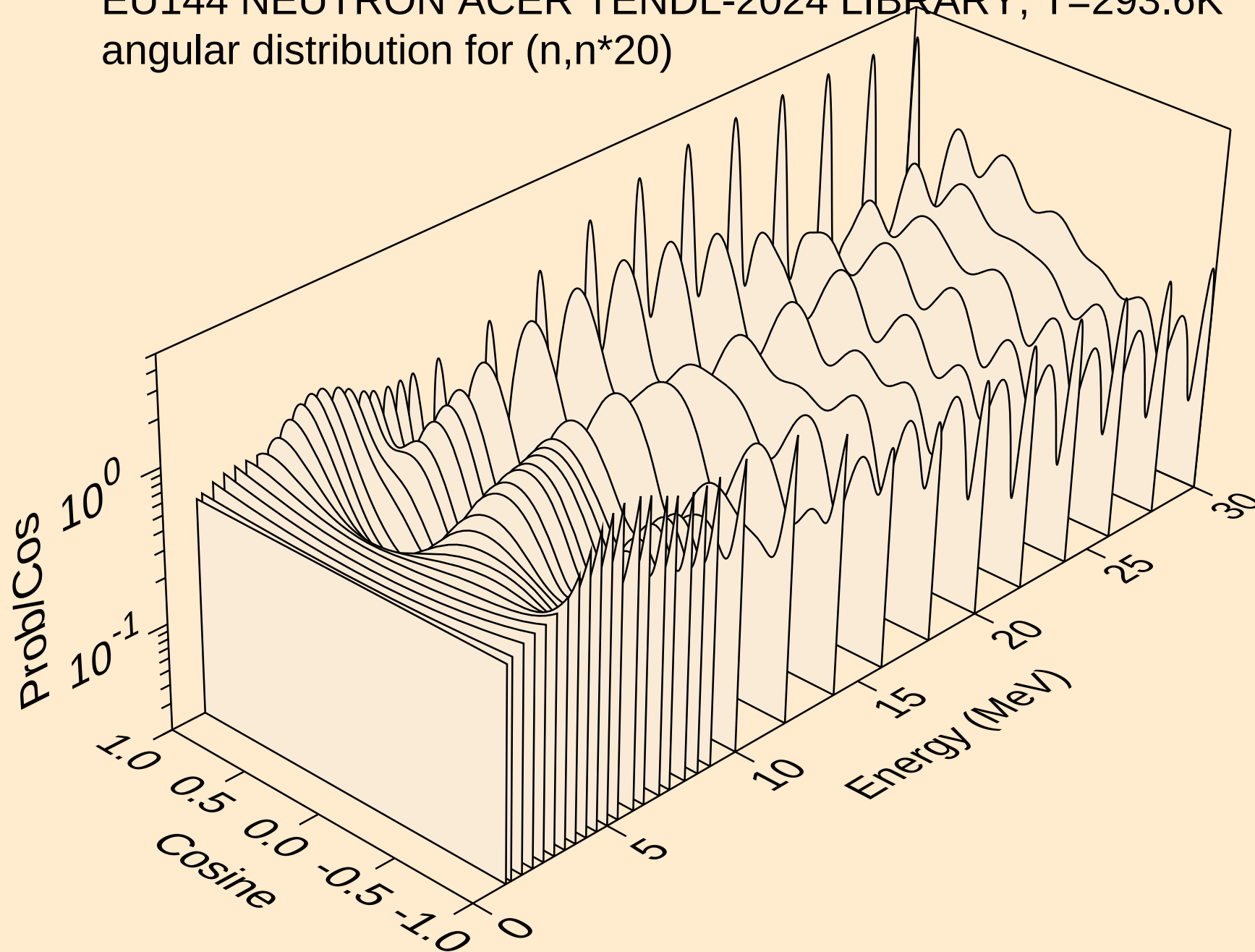
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



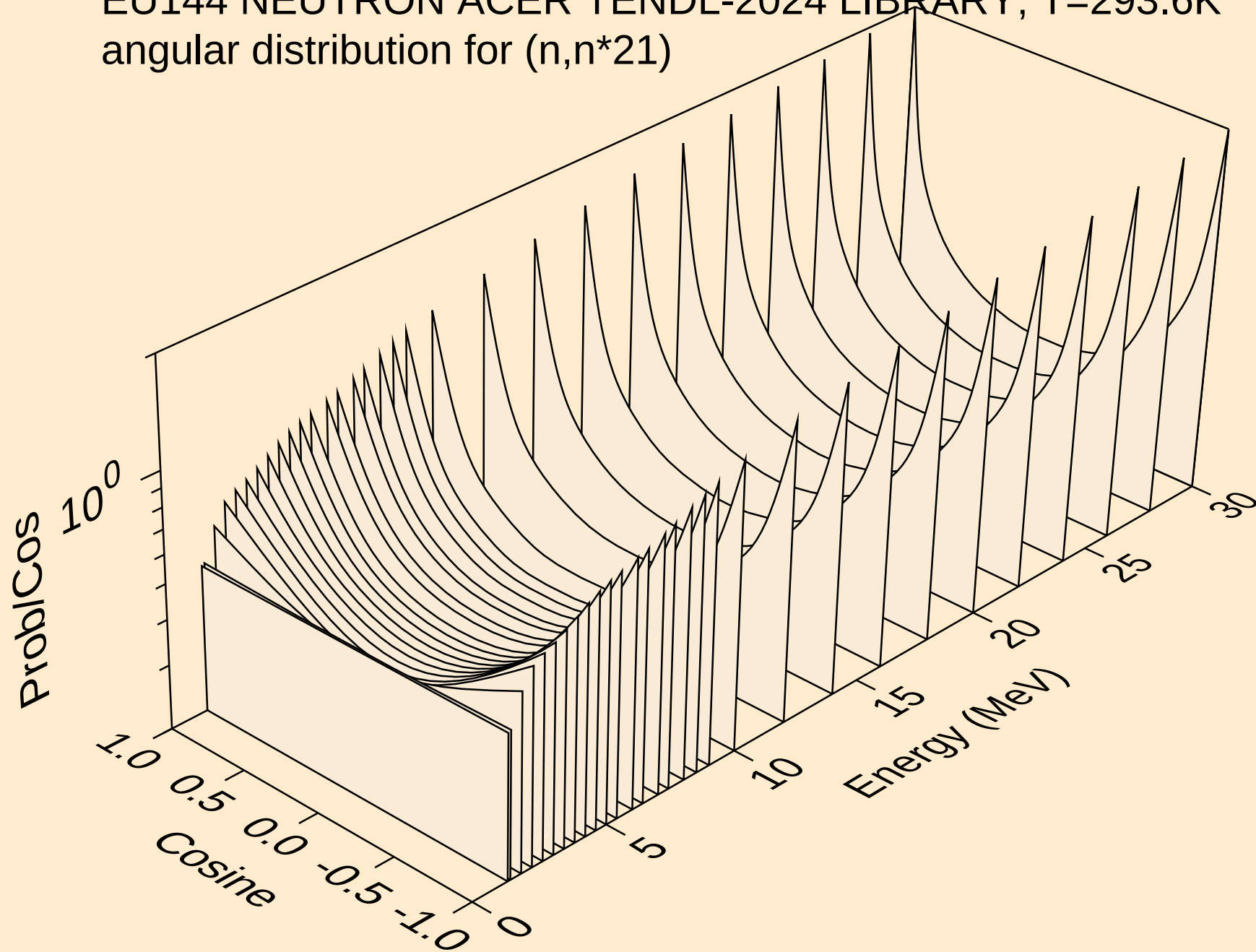
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



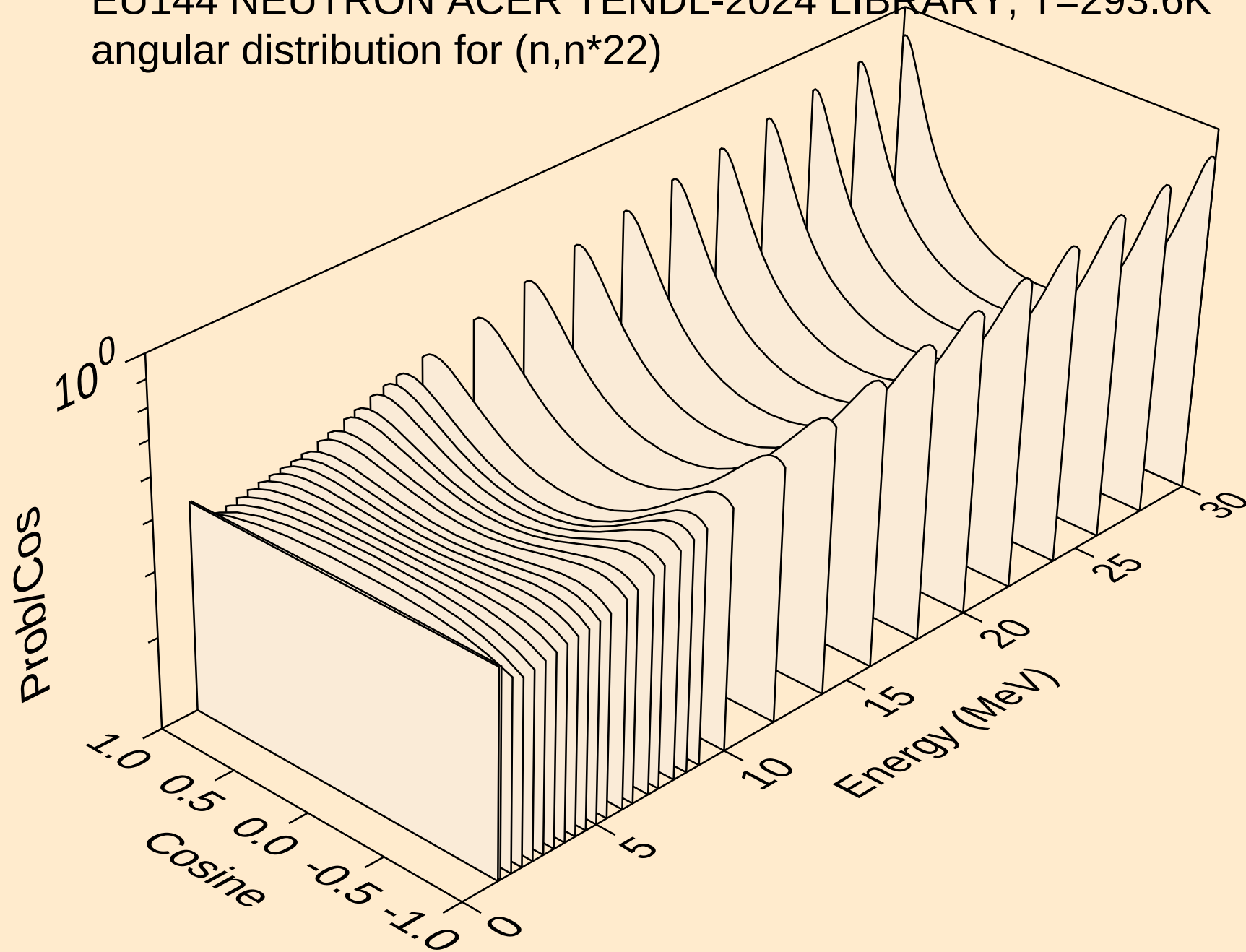
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



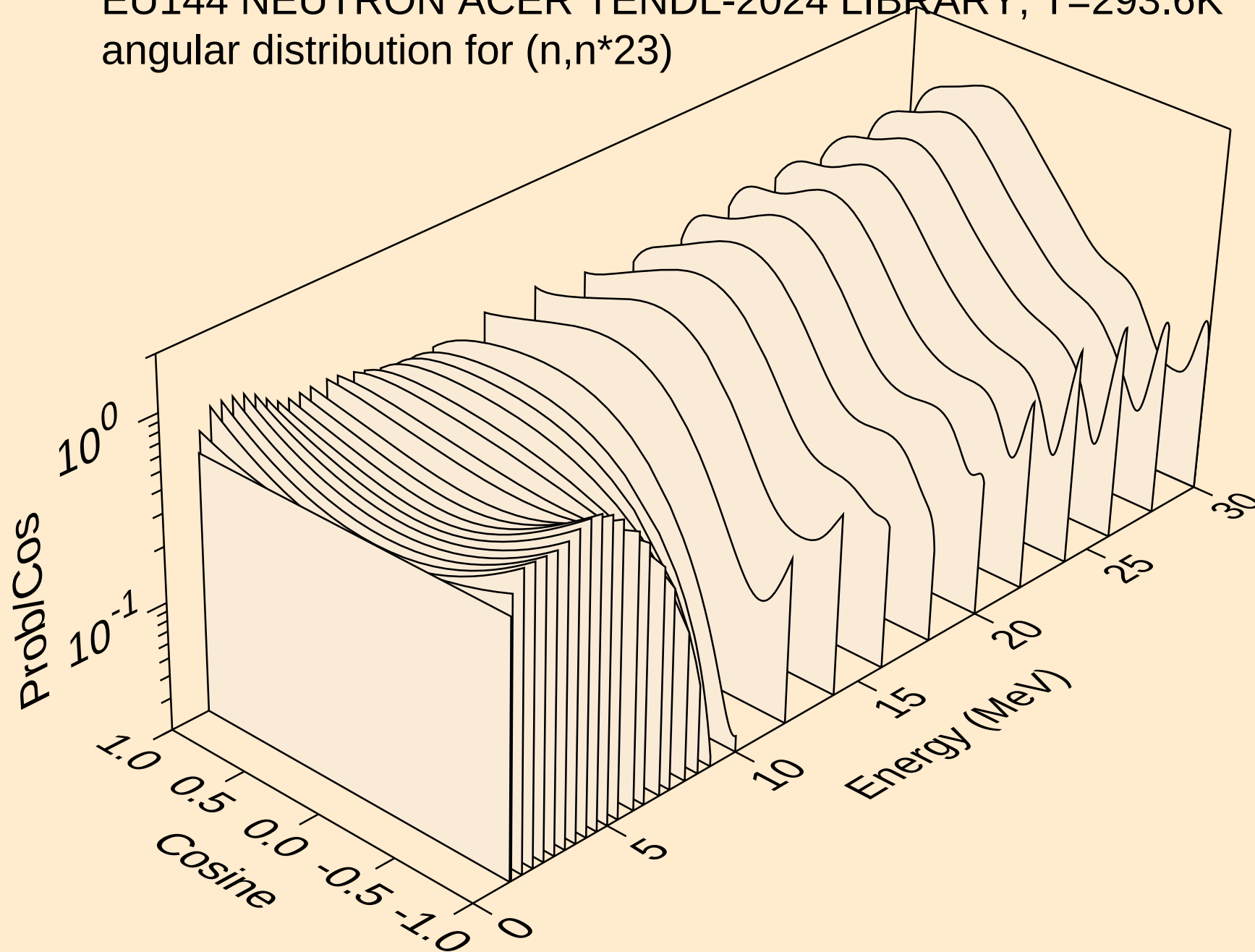
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



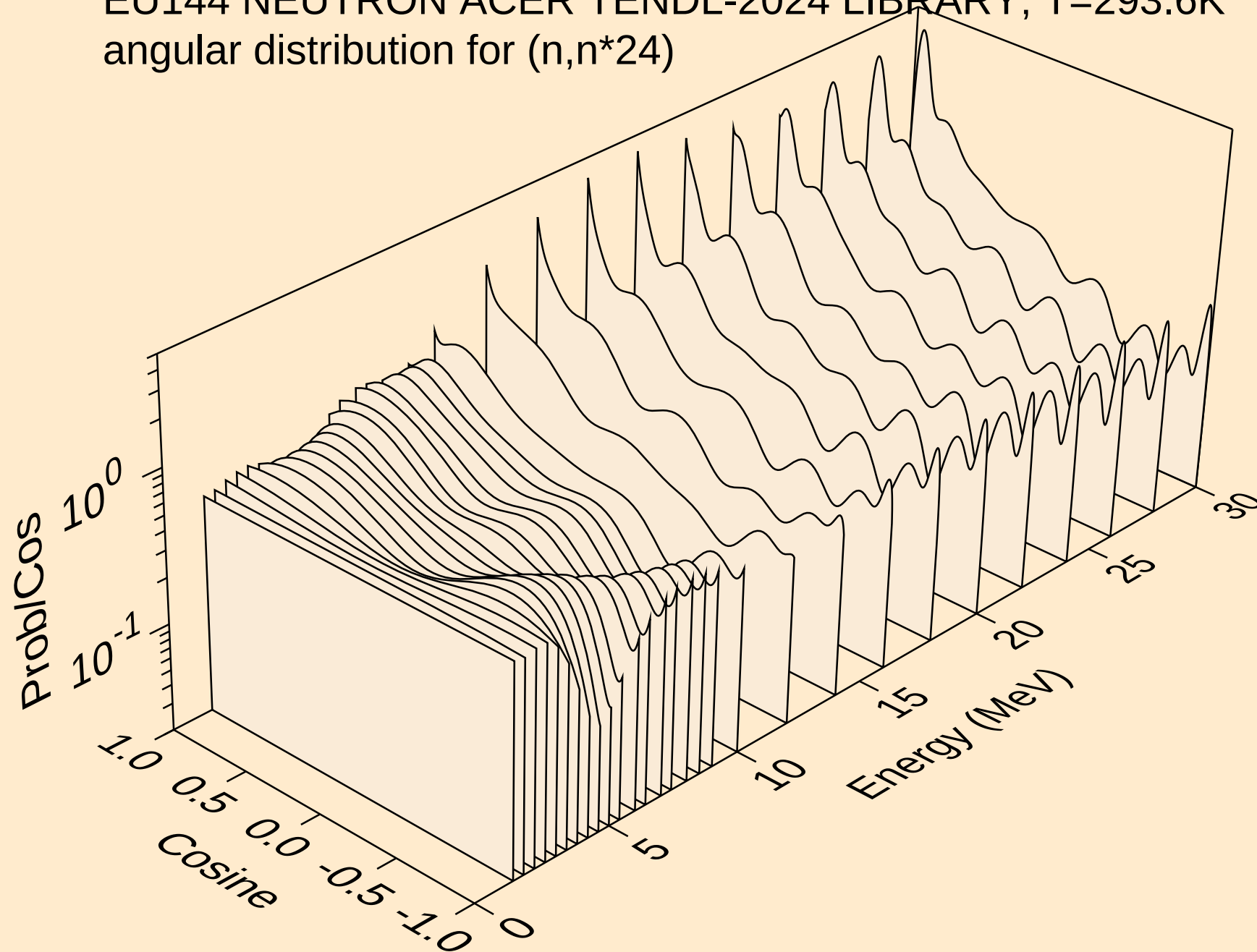
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



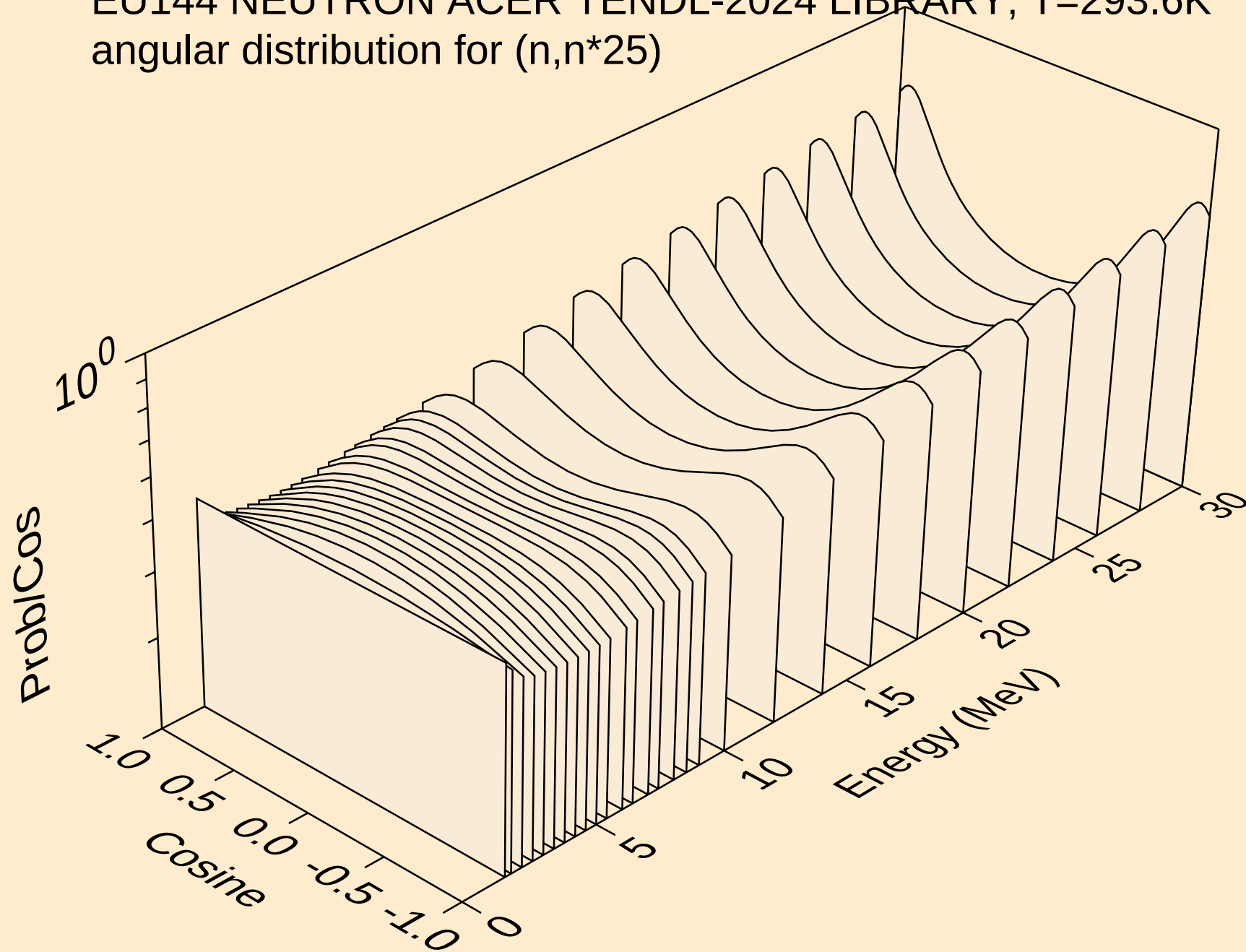
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



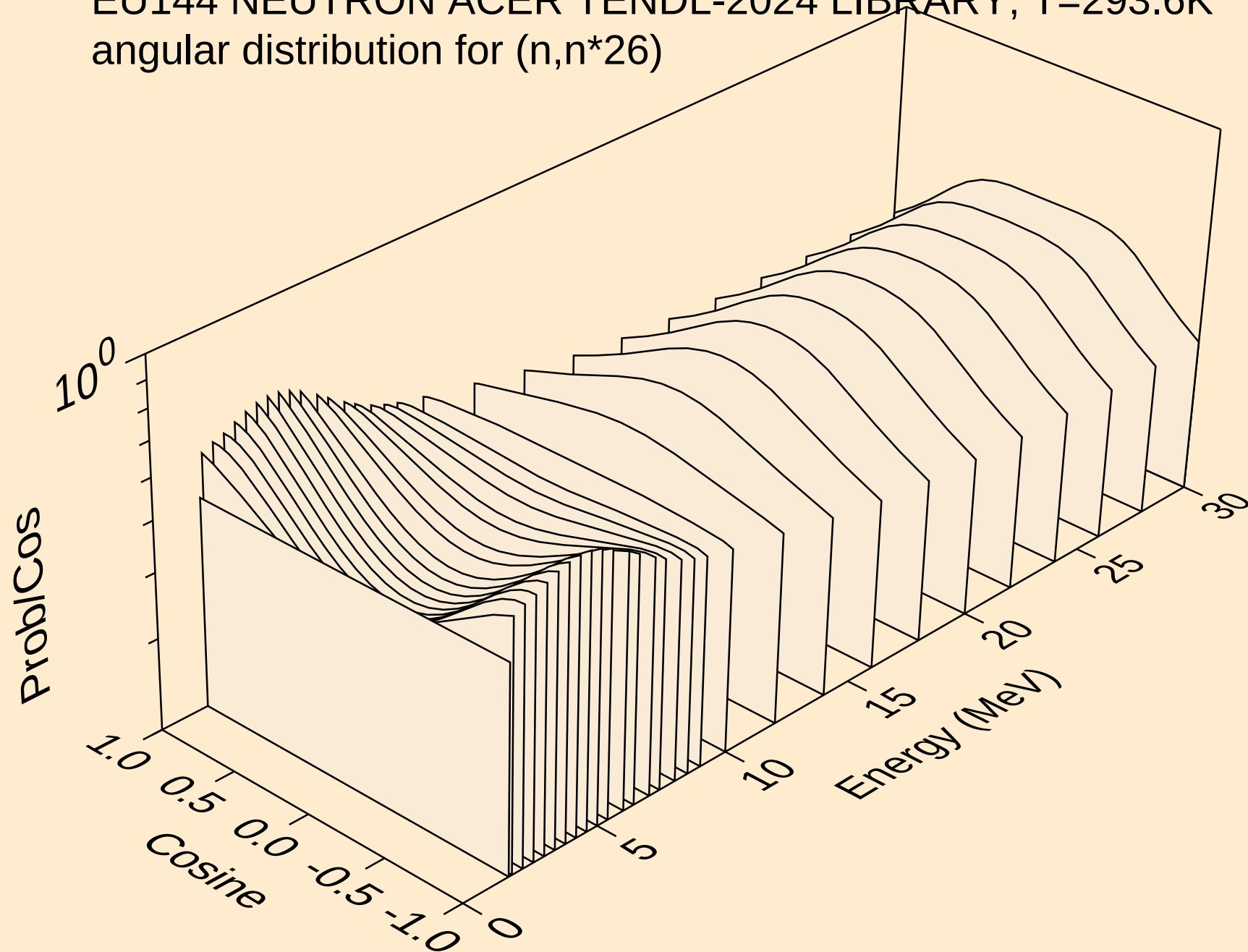
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



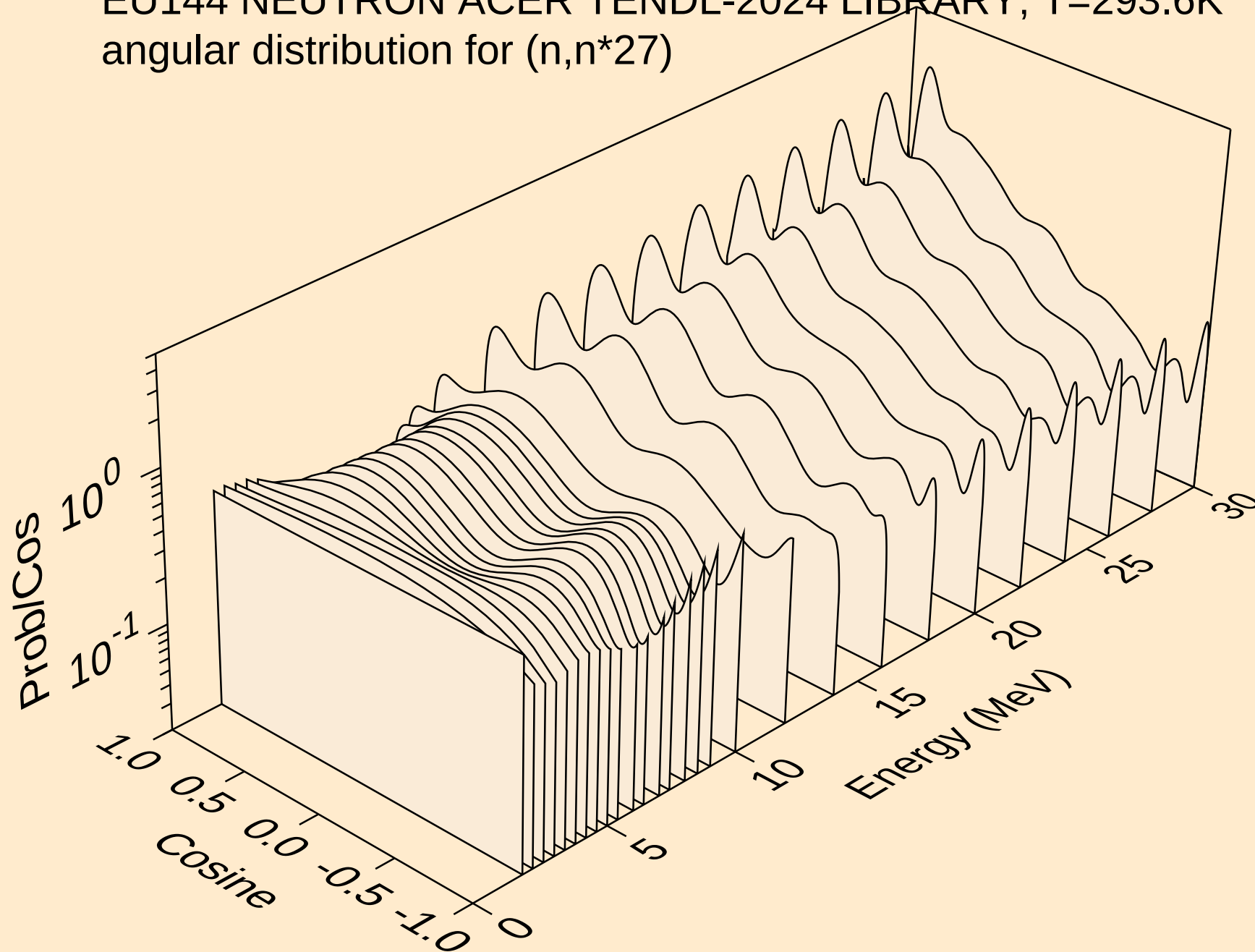
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



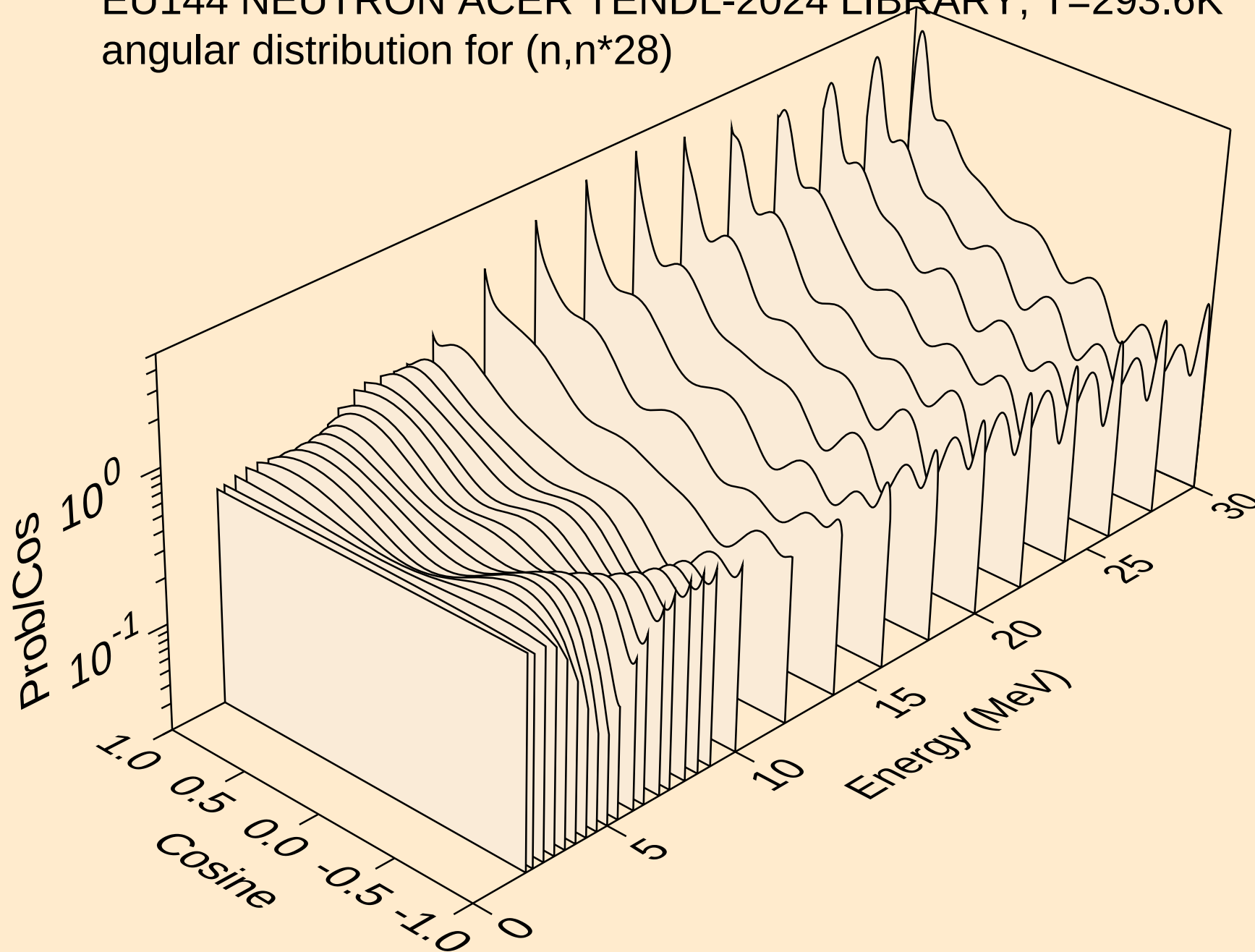
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



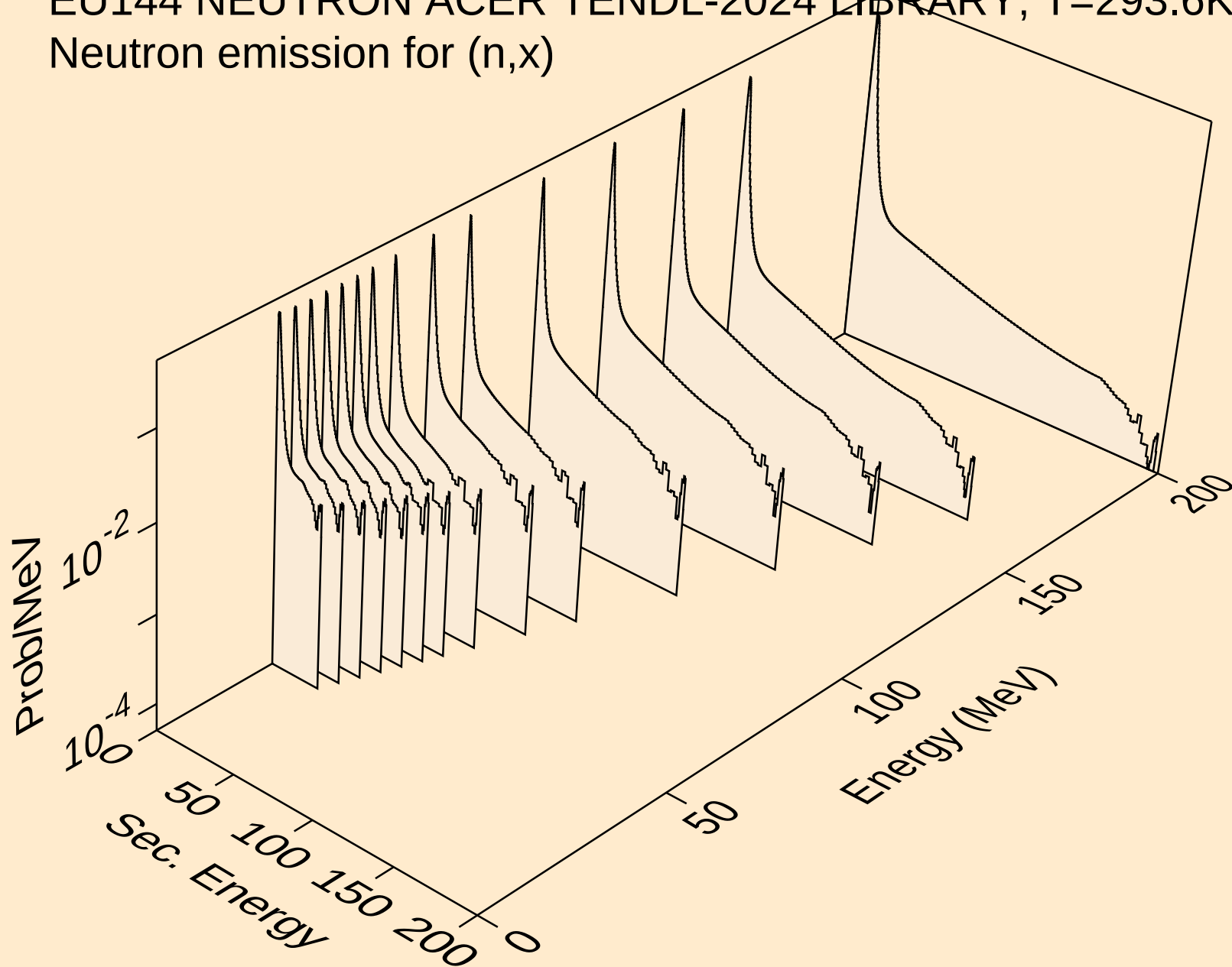
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



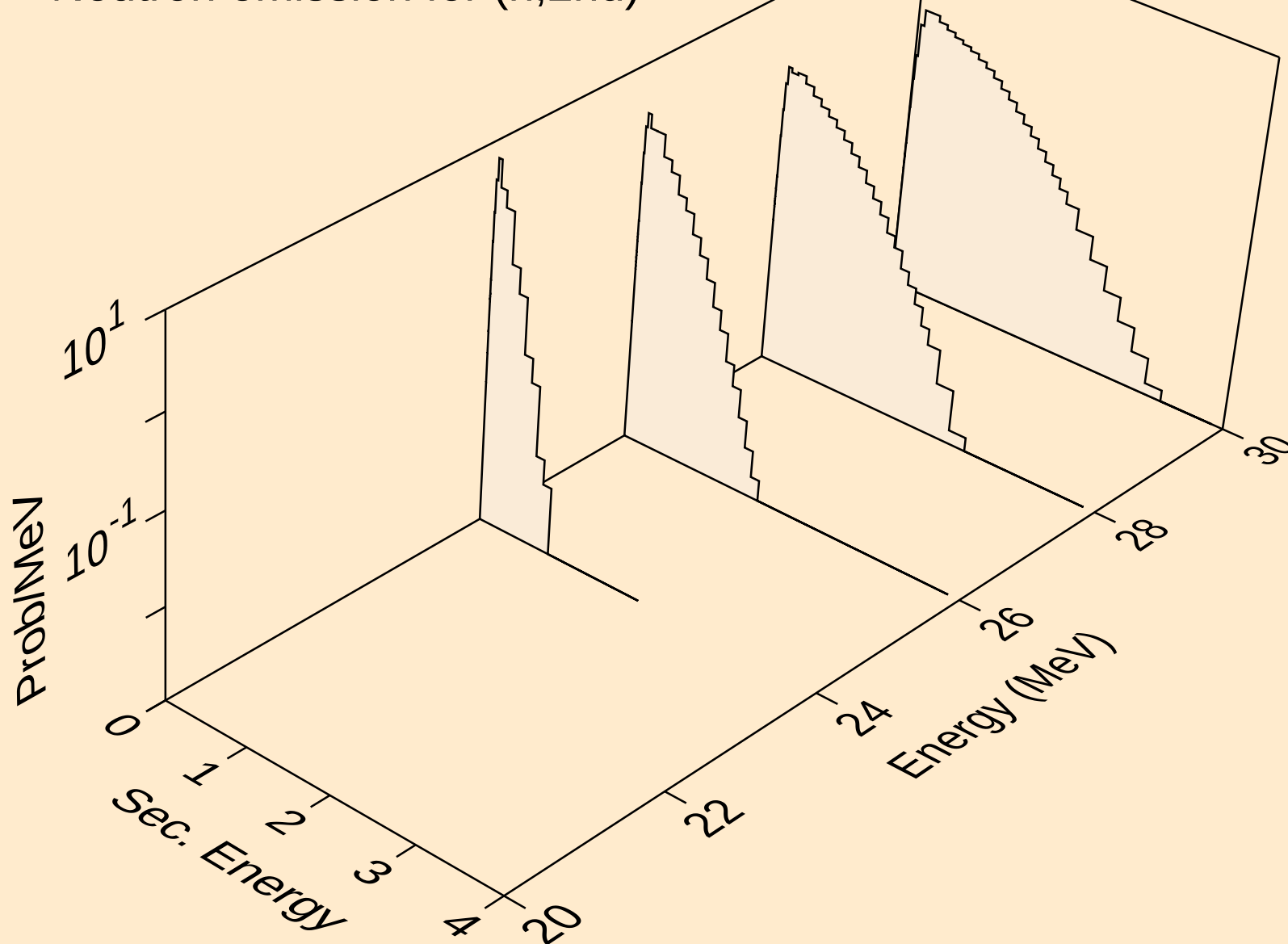
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



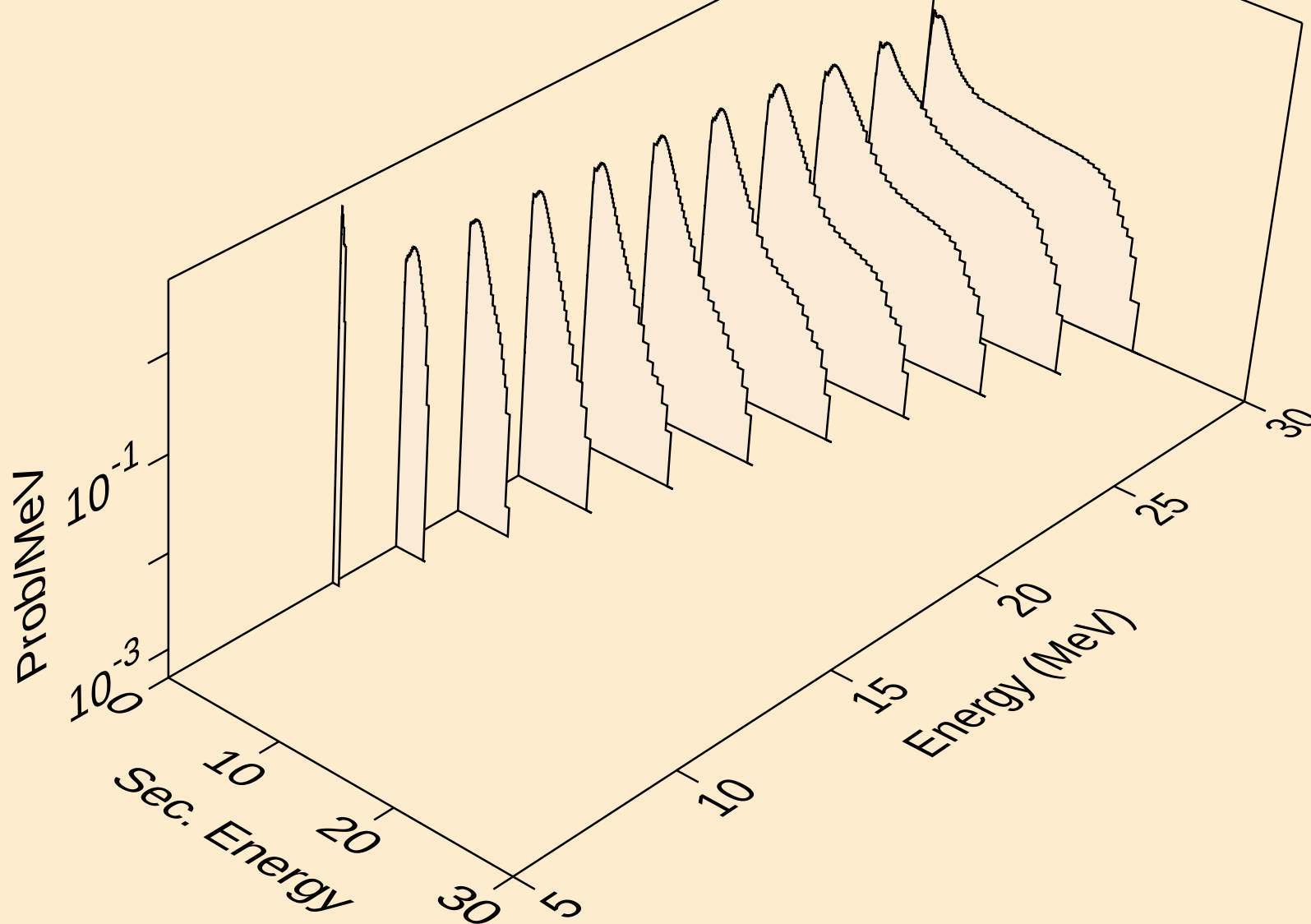
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



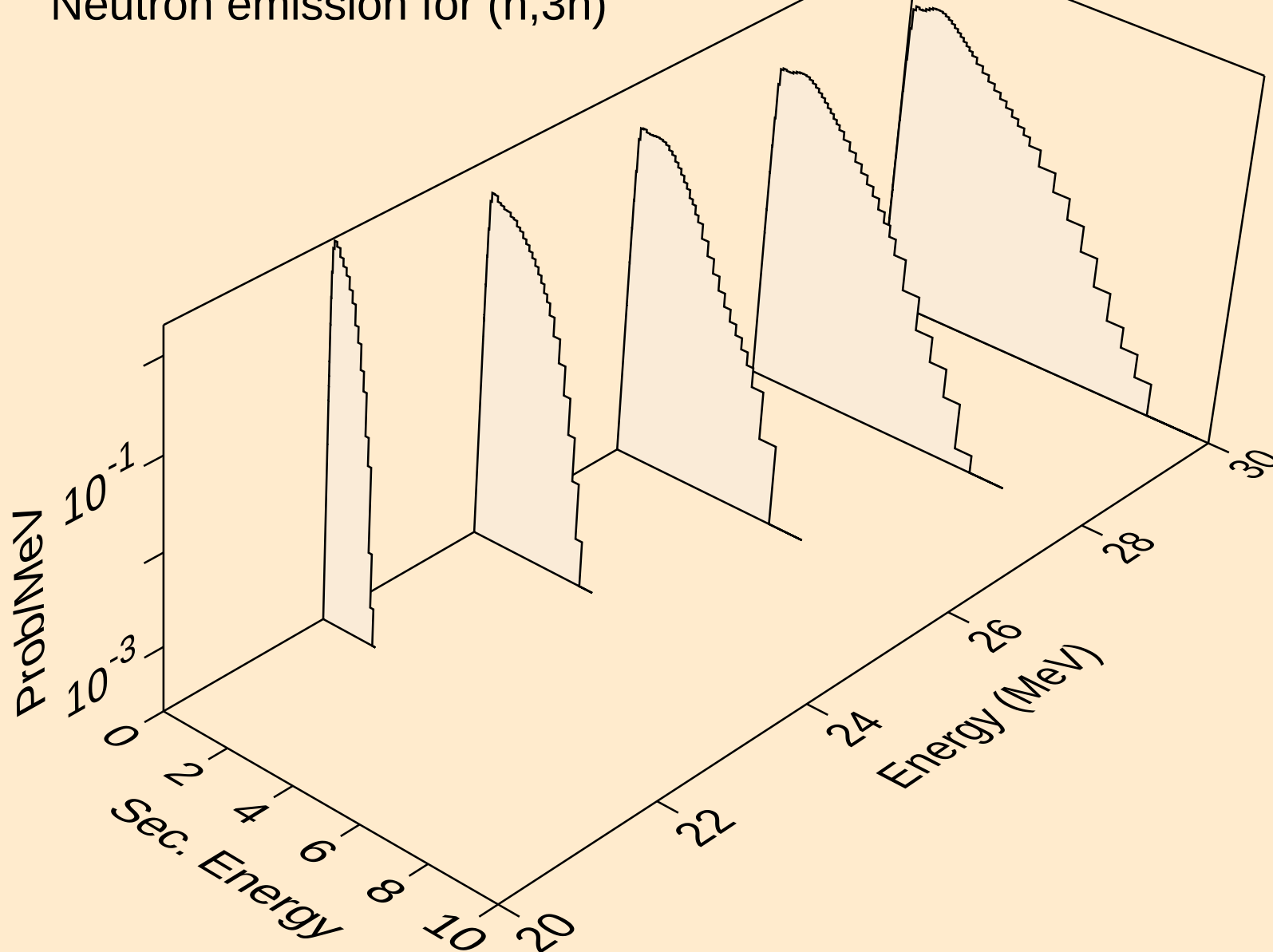
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



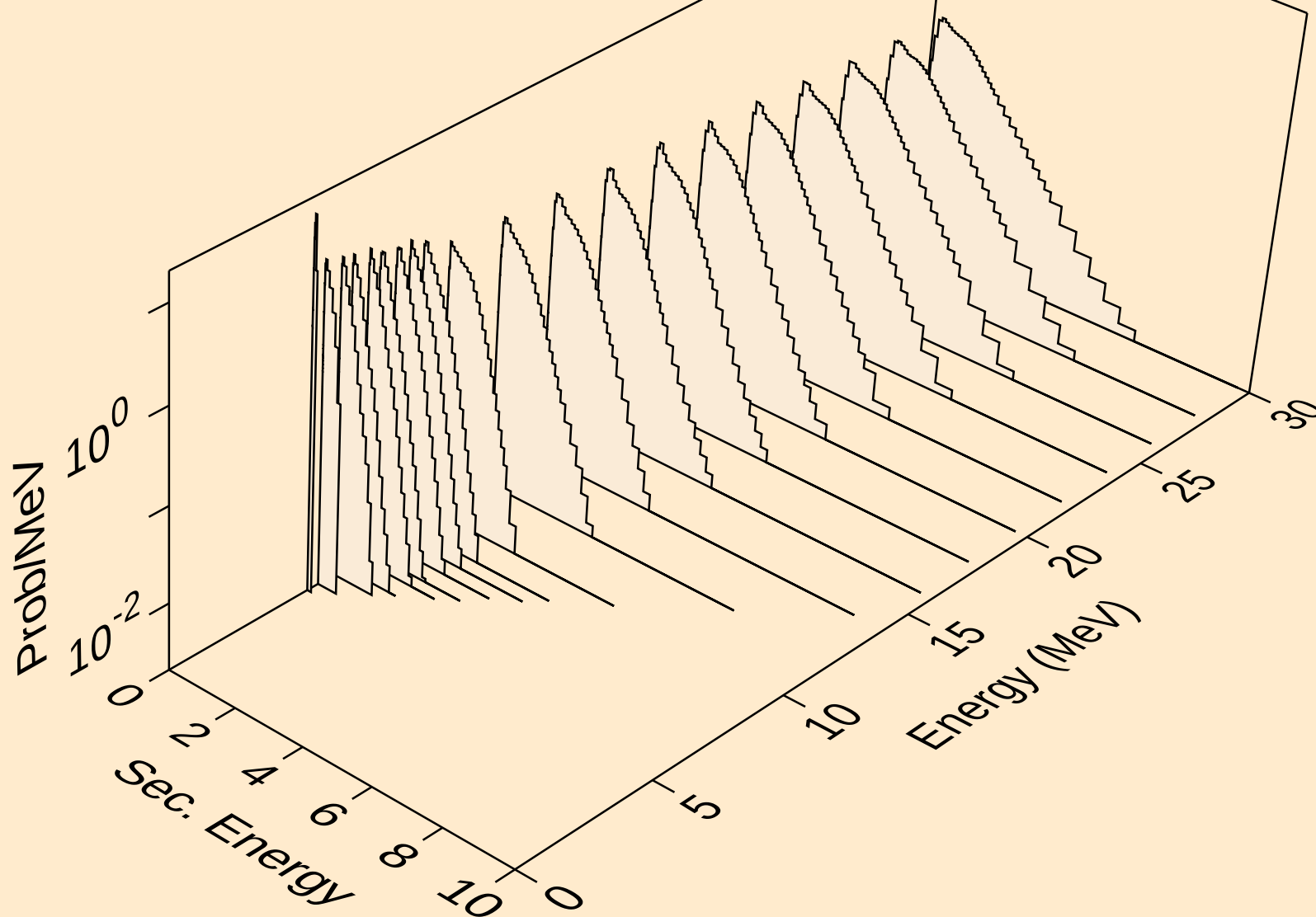
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



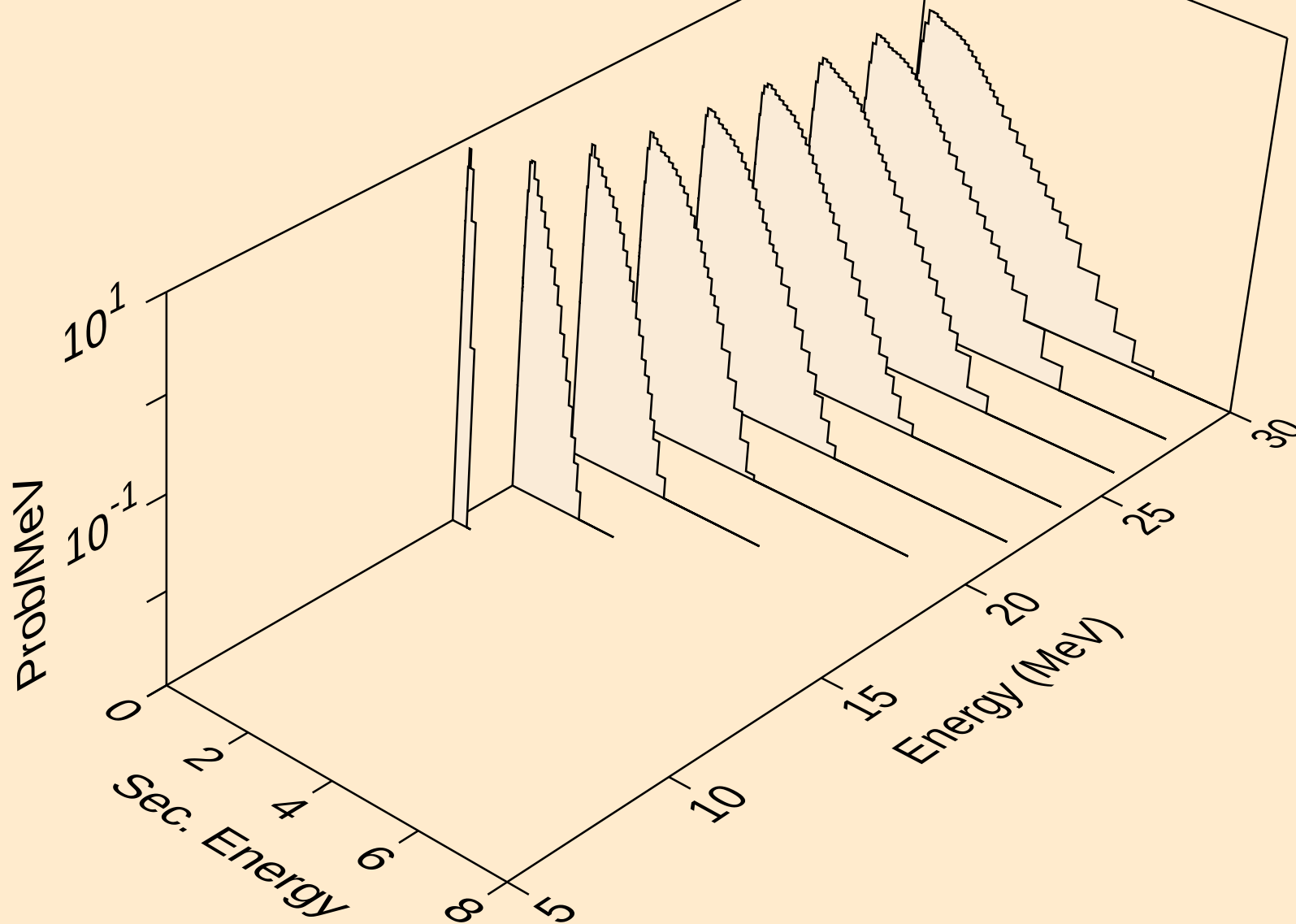
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



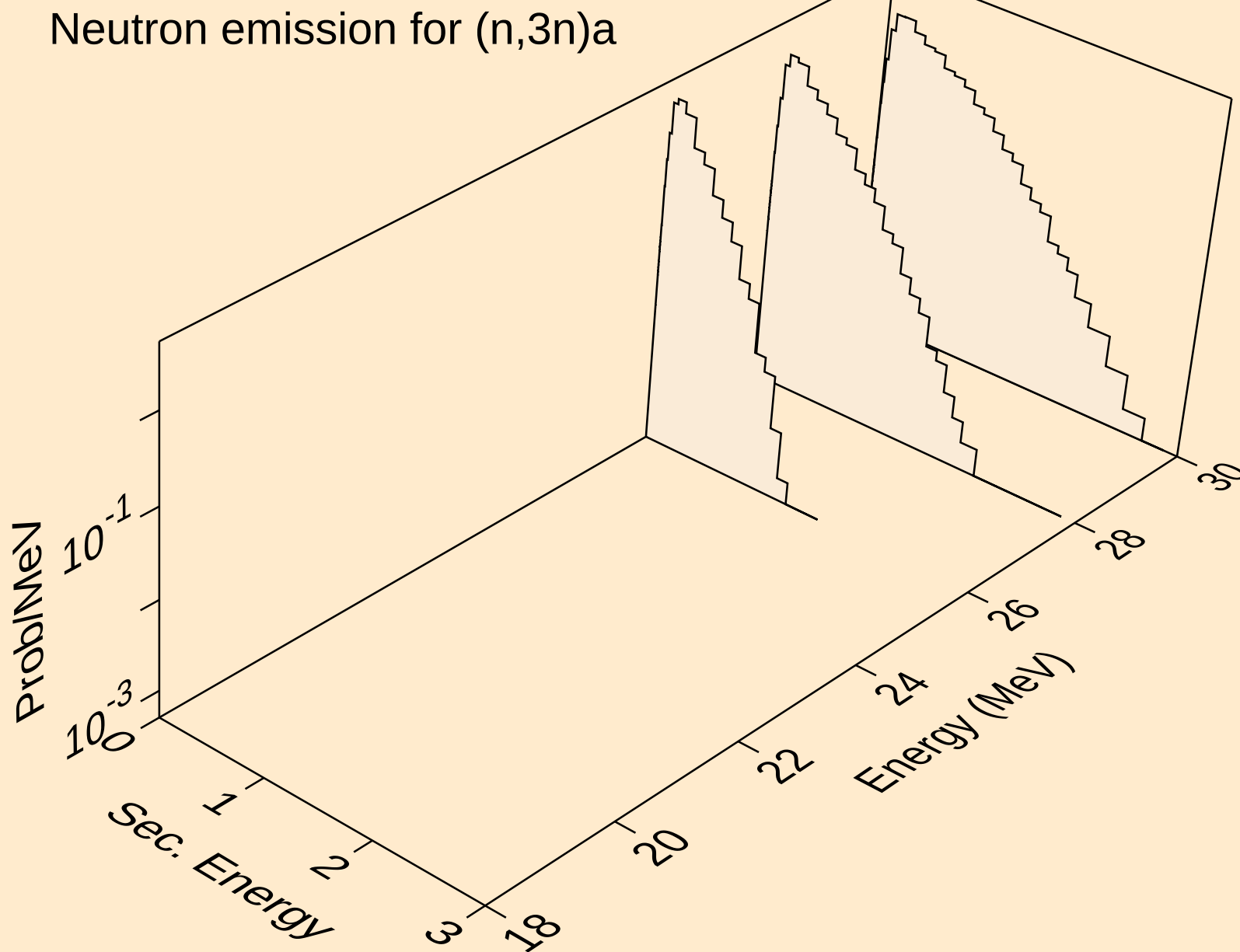
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



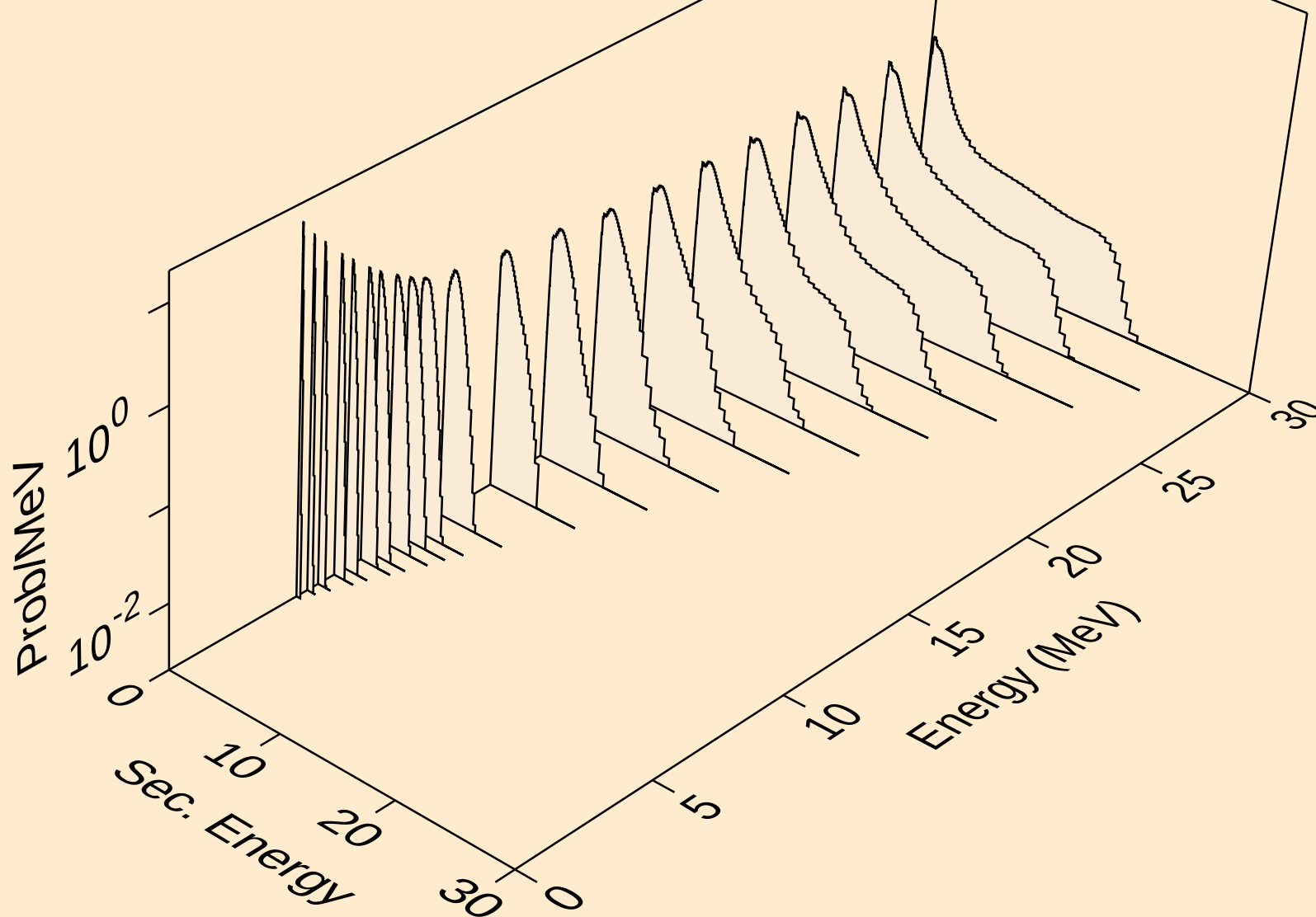
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a

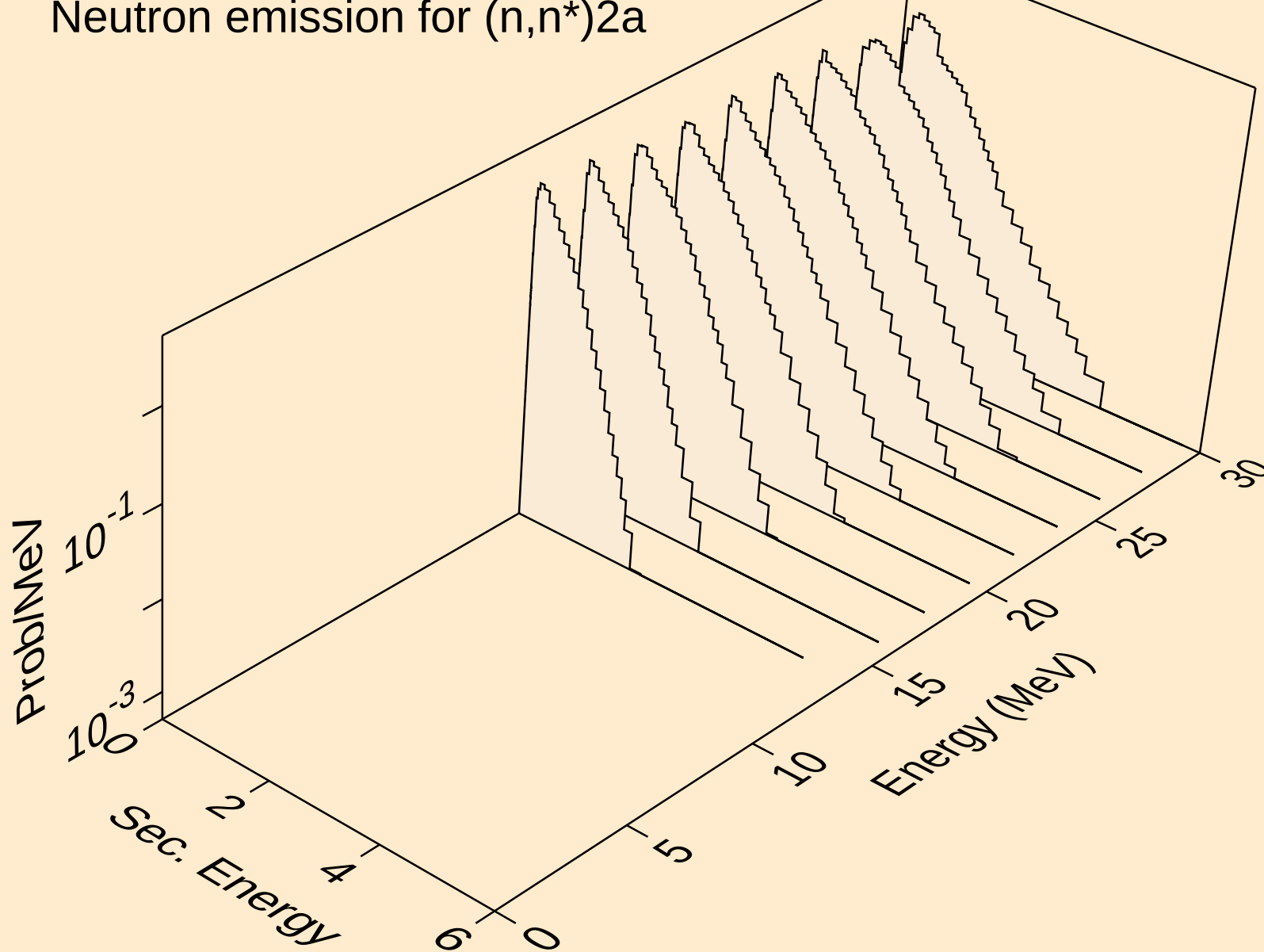


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p

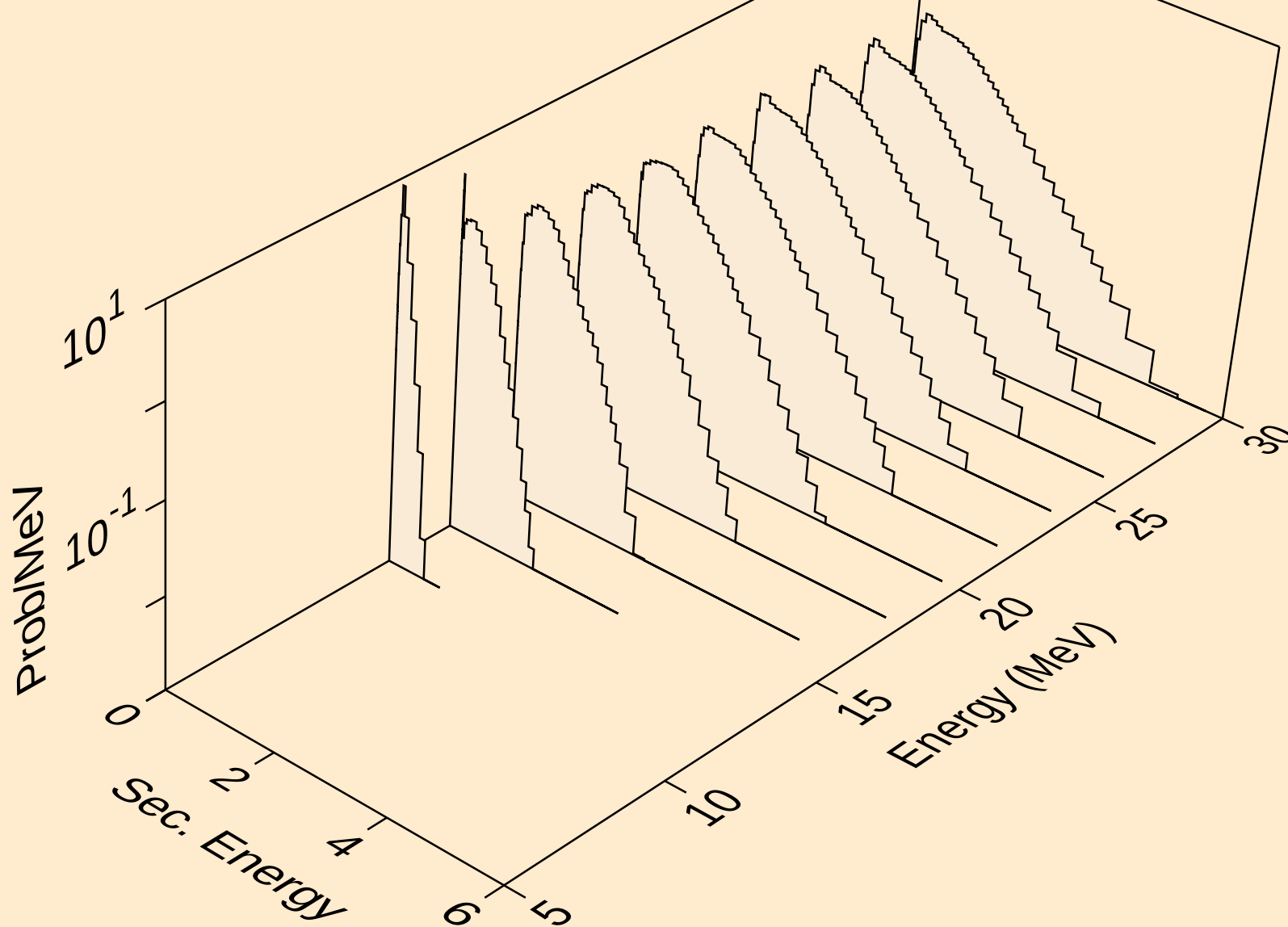


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

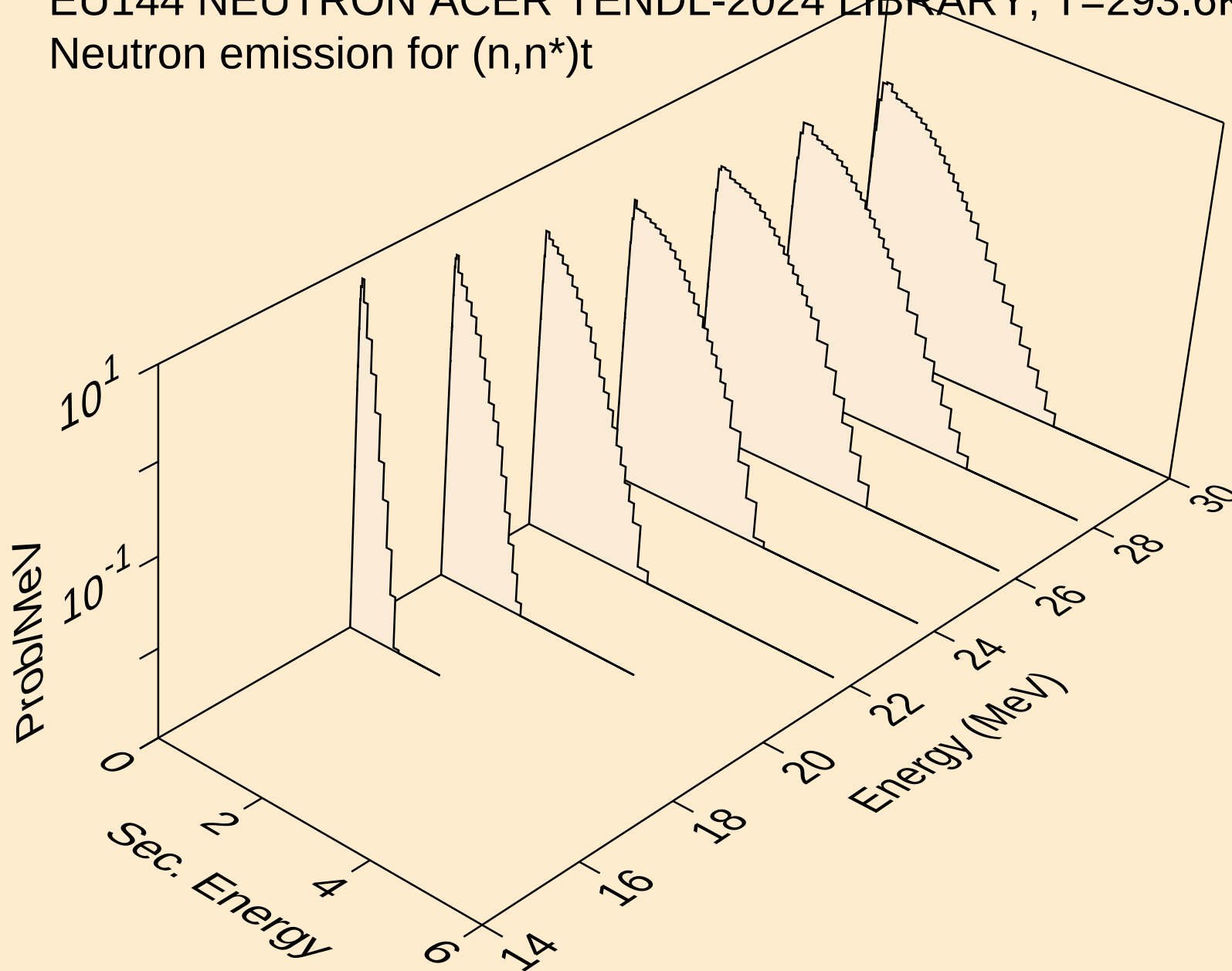
Neutron emission for (n,n*)2a



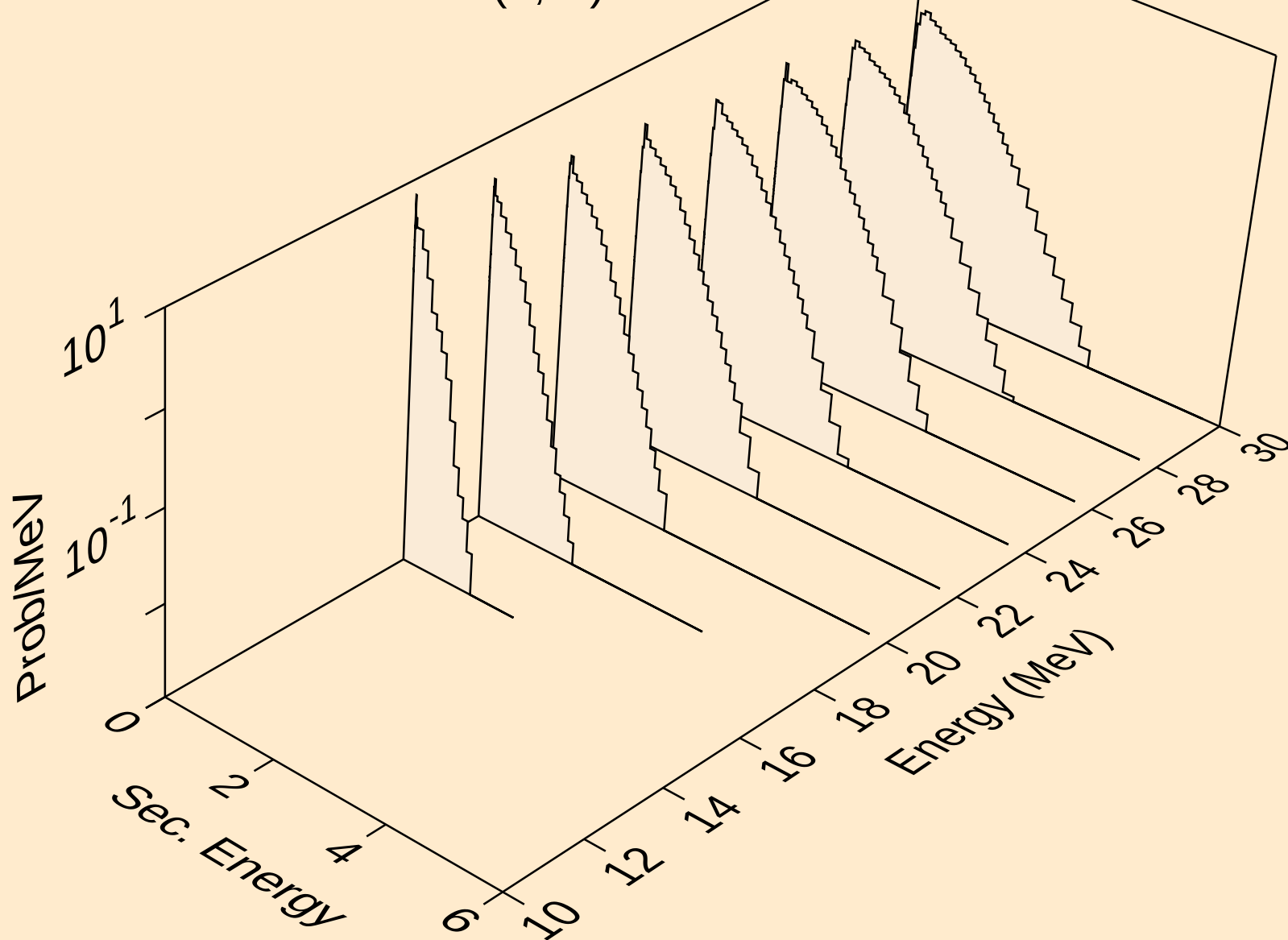
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



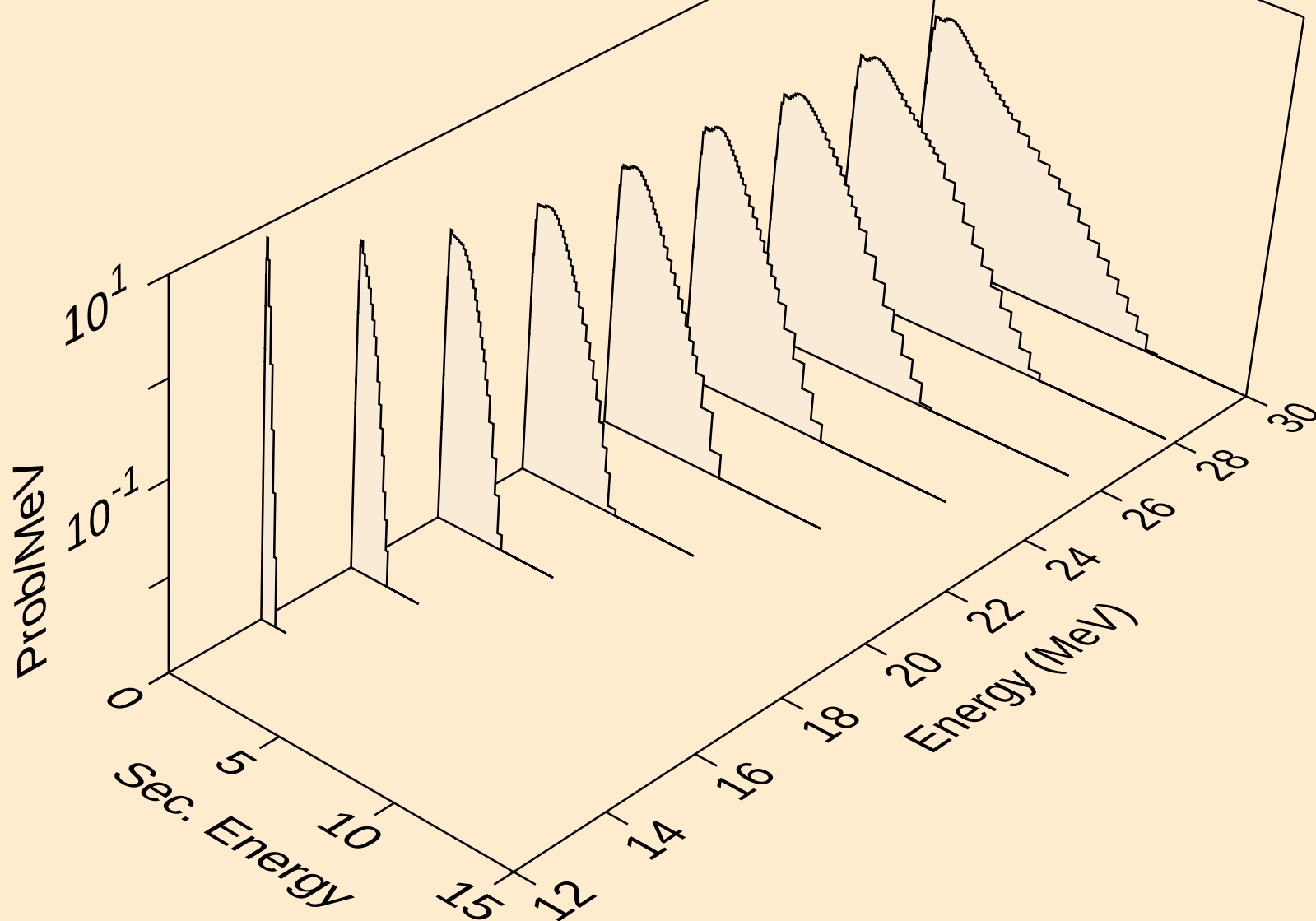
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



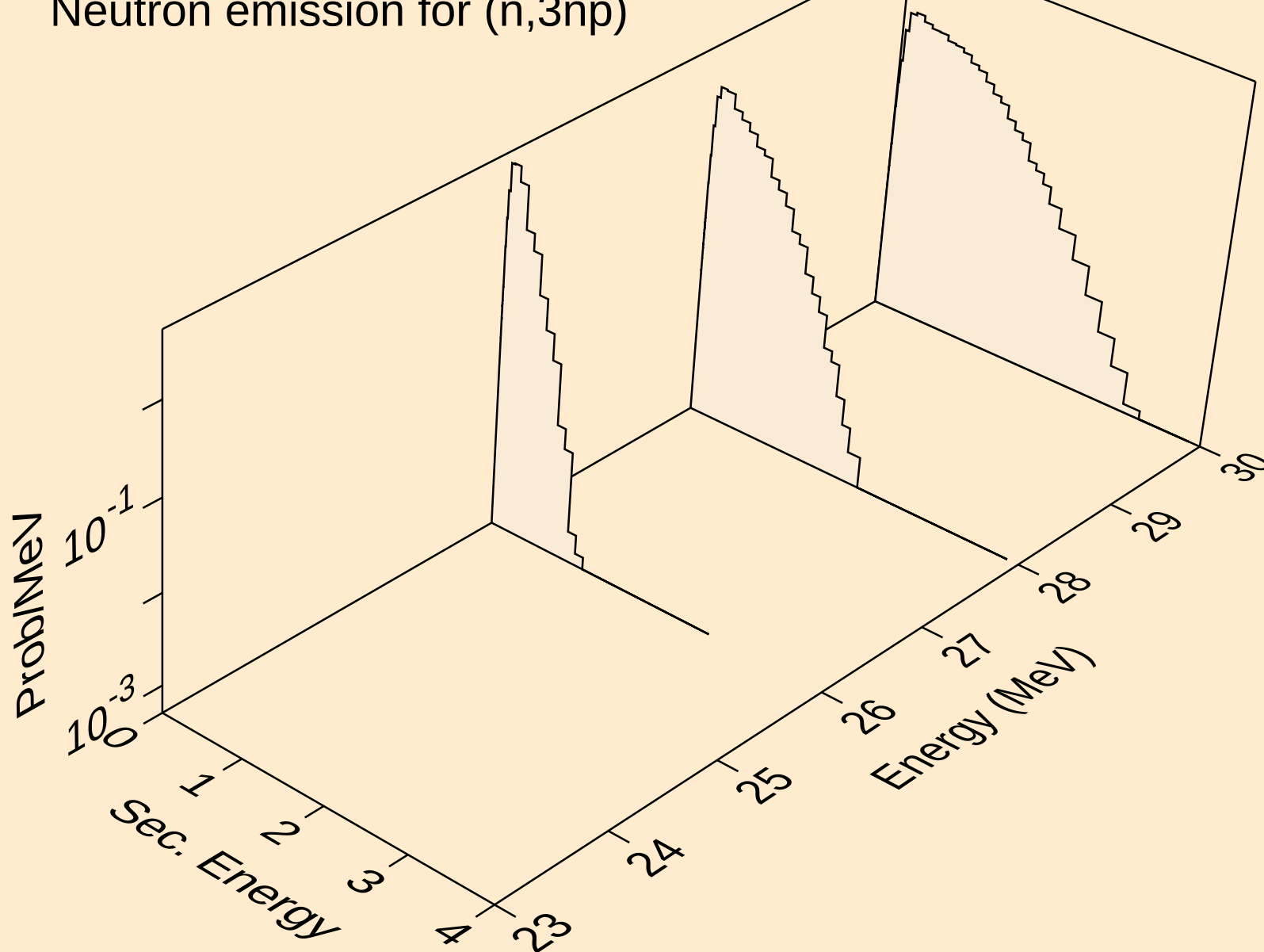
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



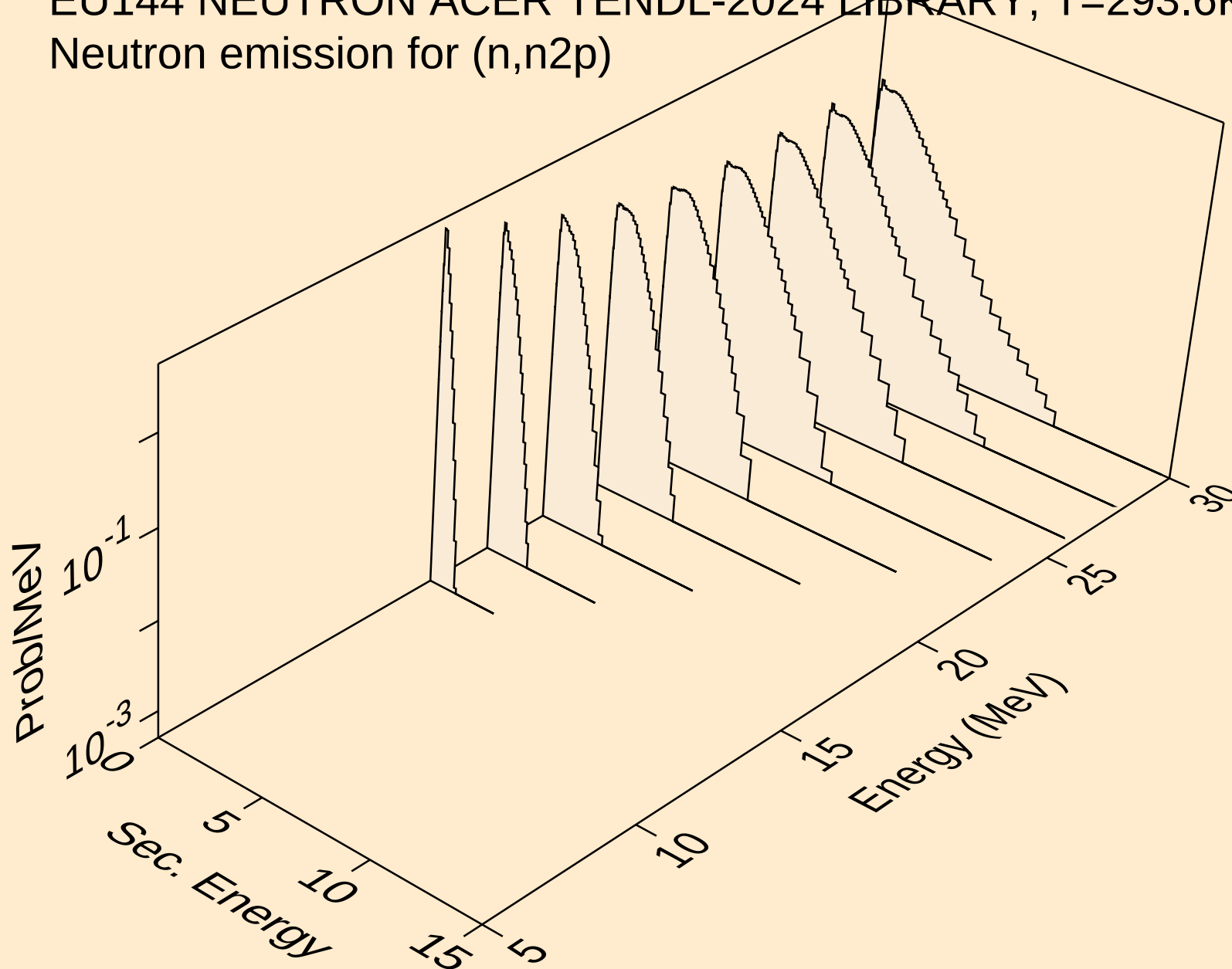
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



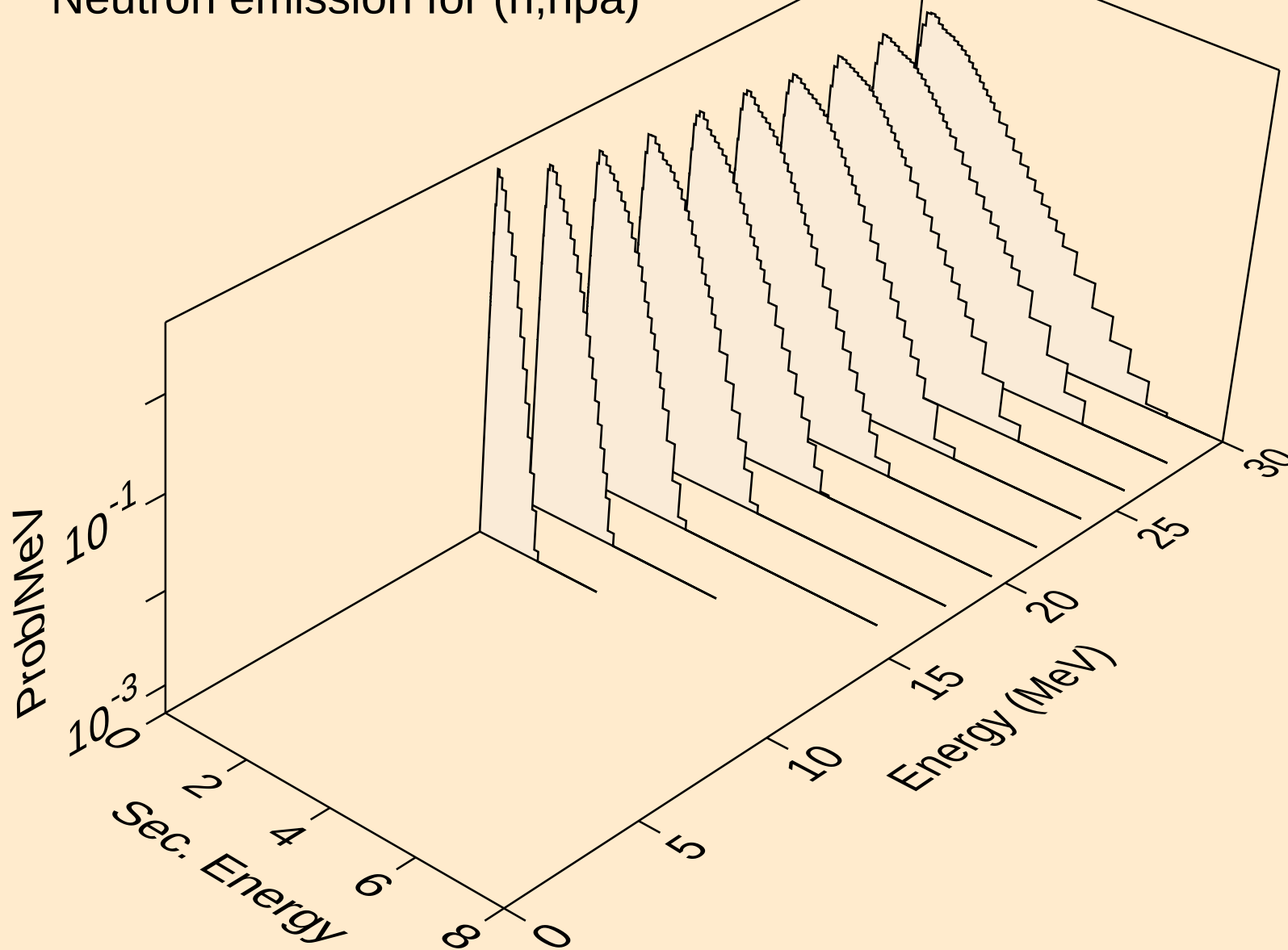
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



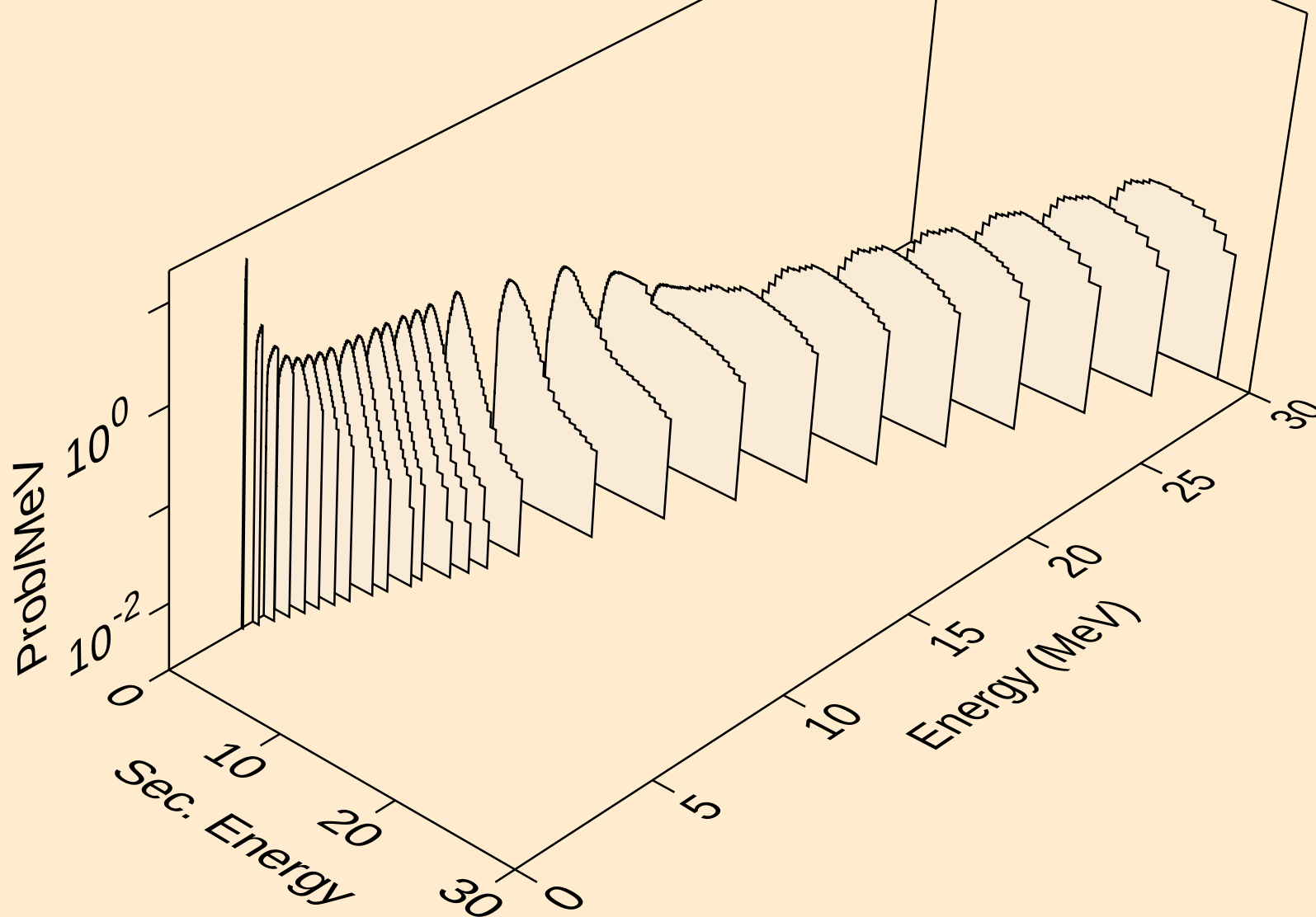
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



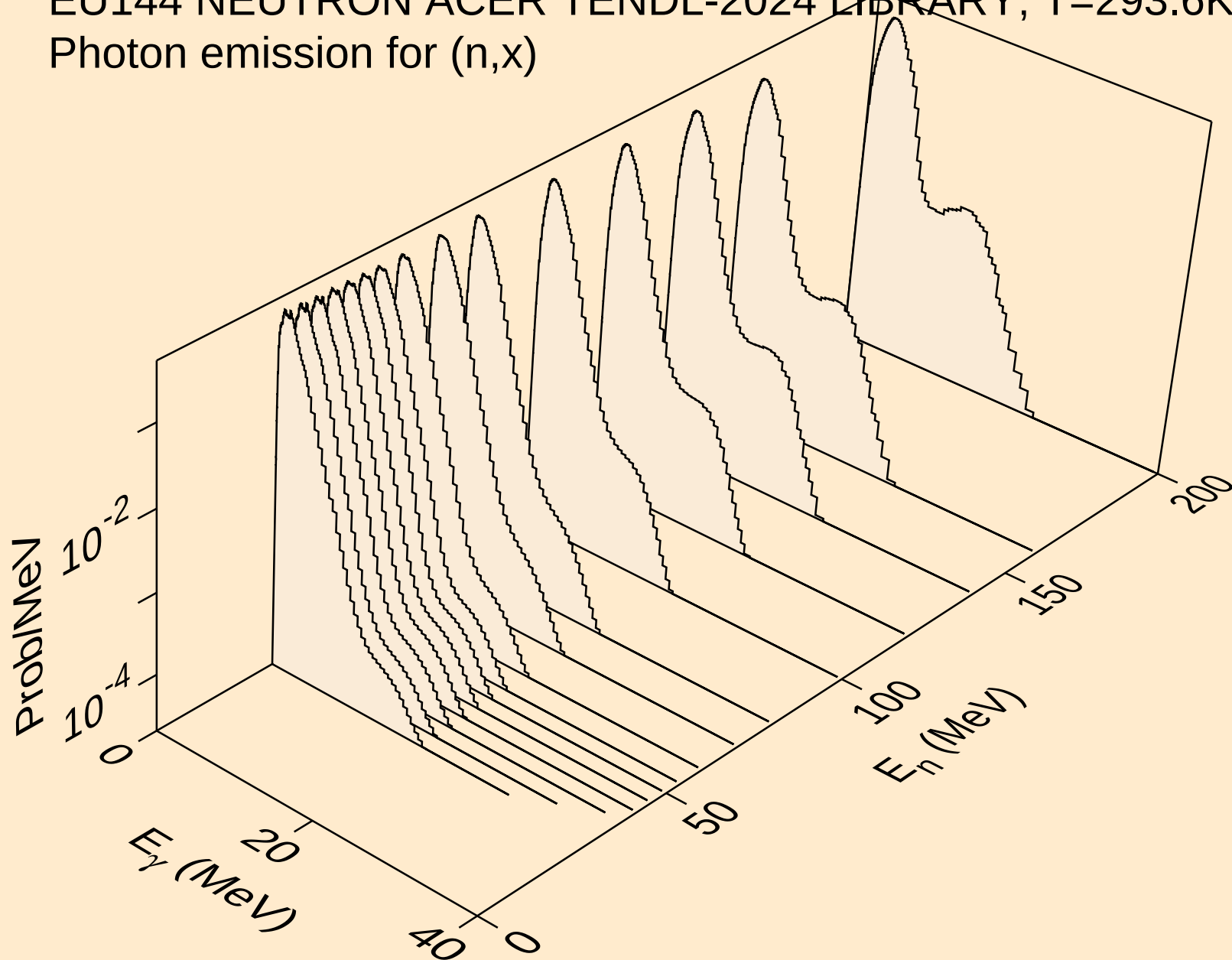
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



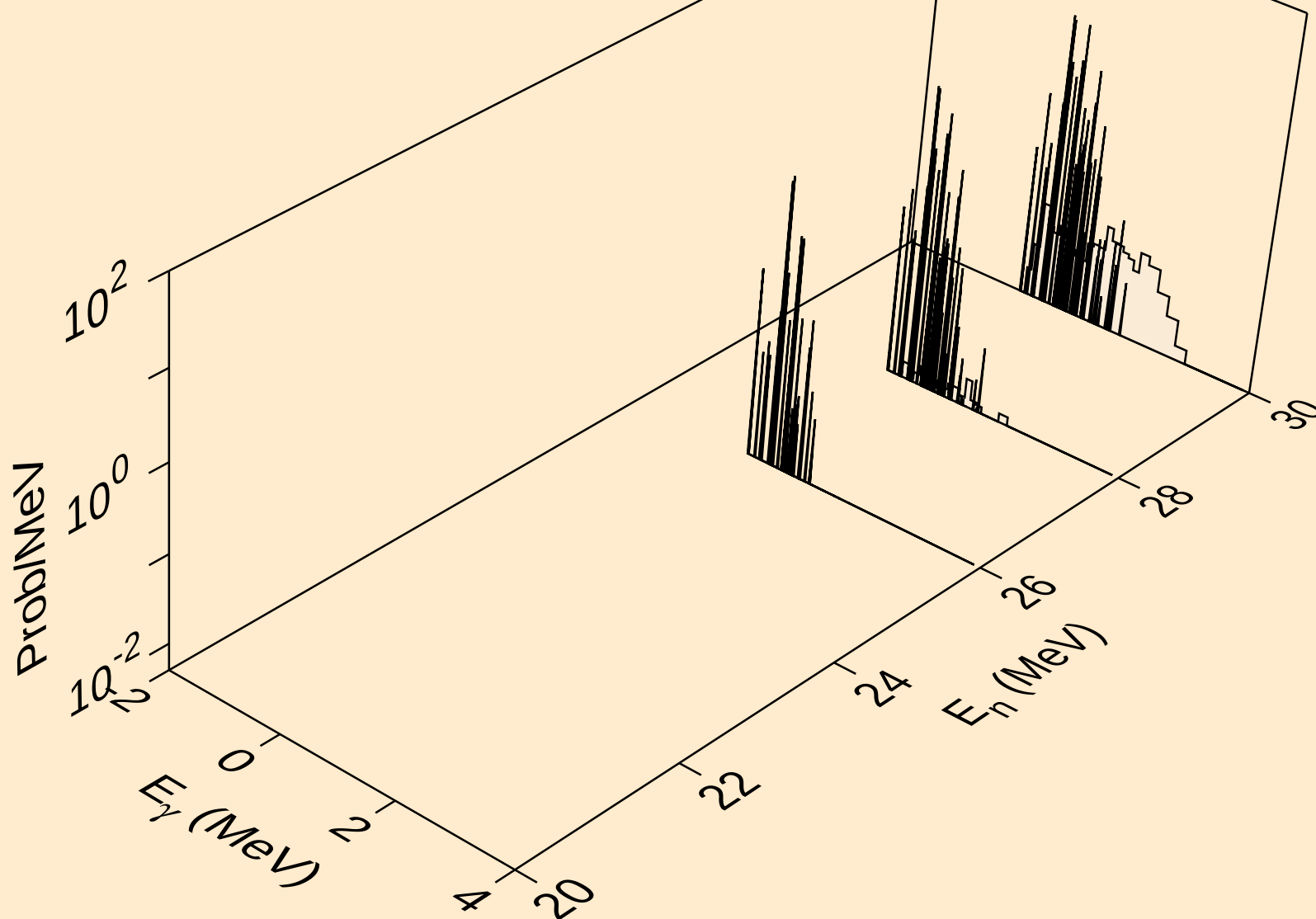
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



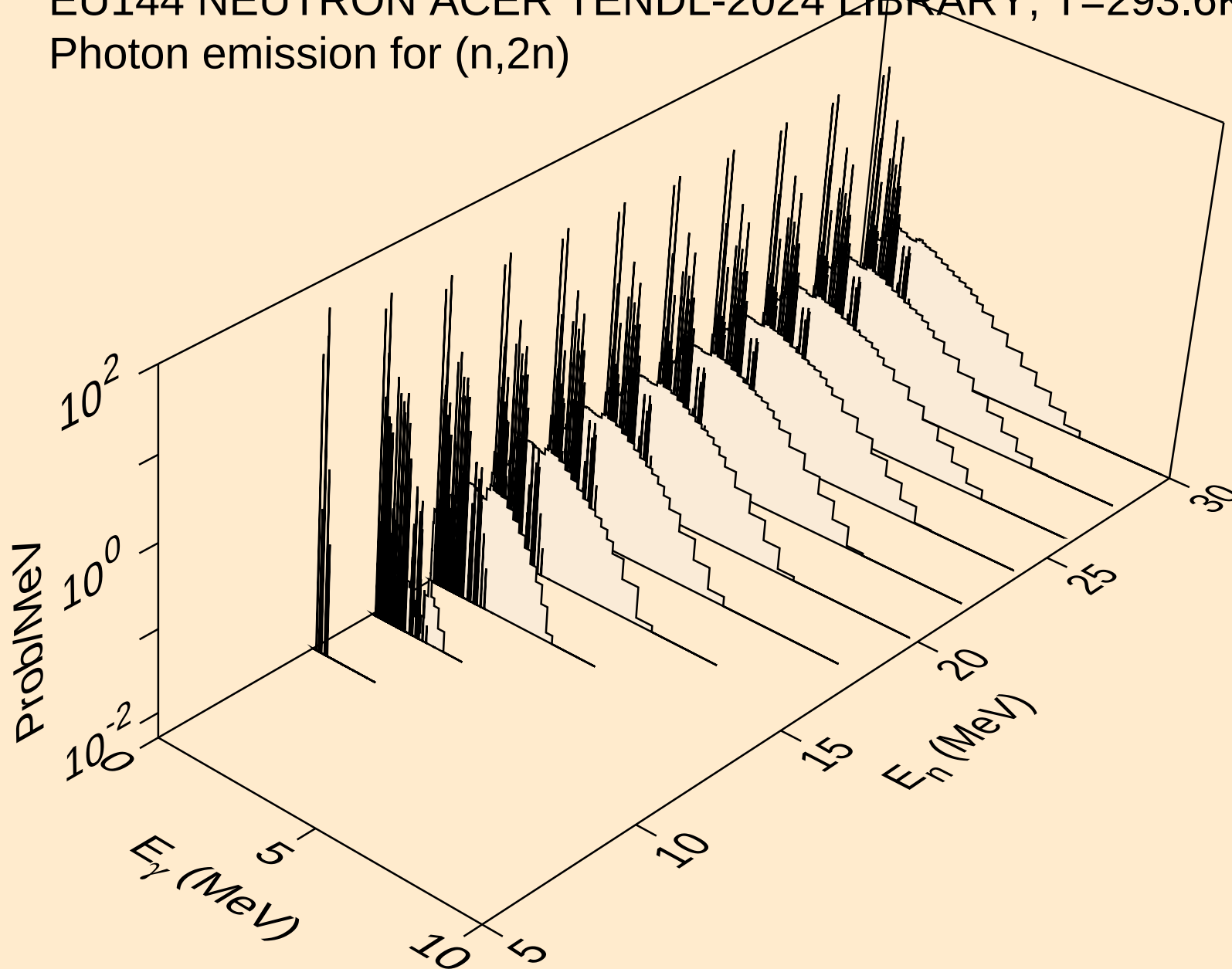
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



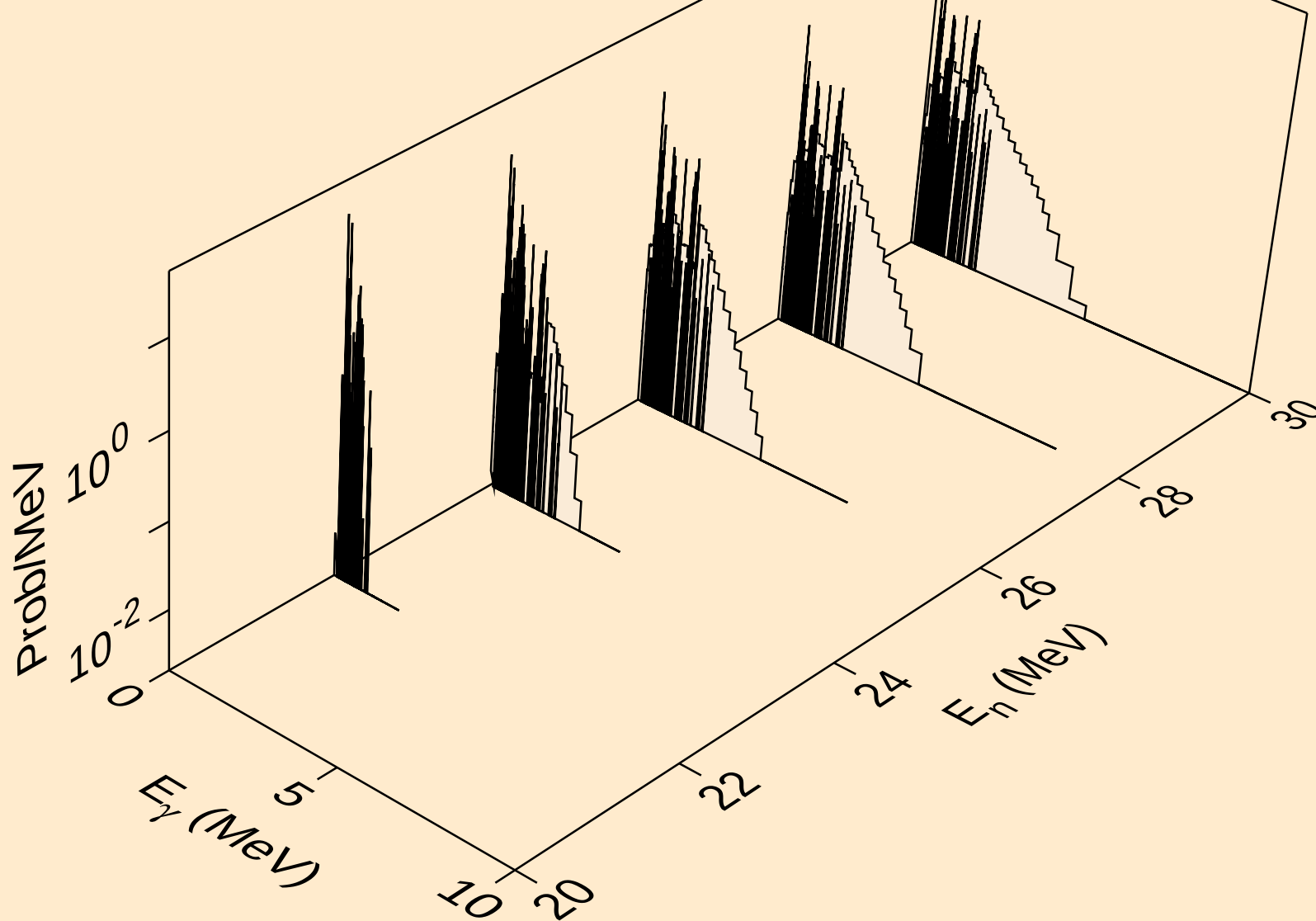
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



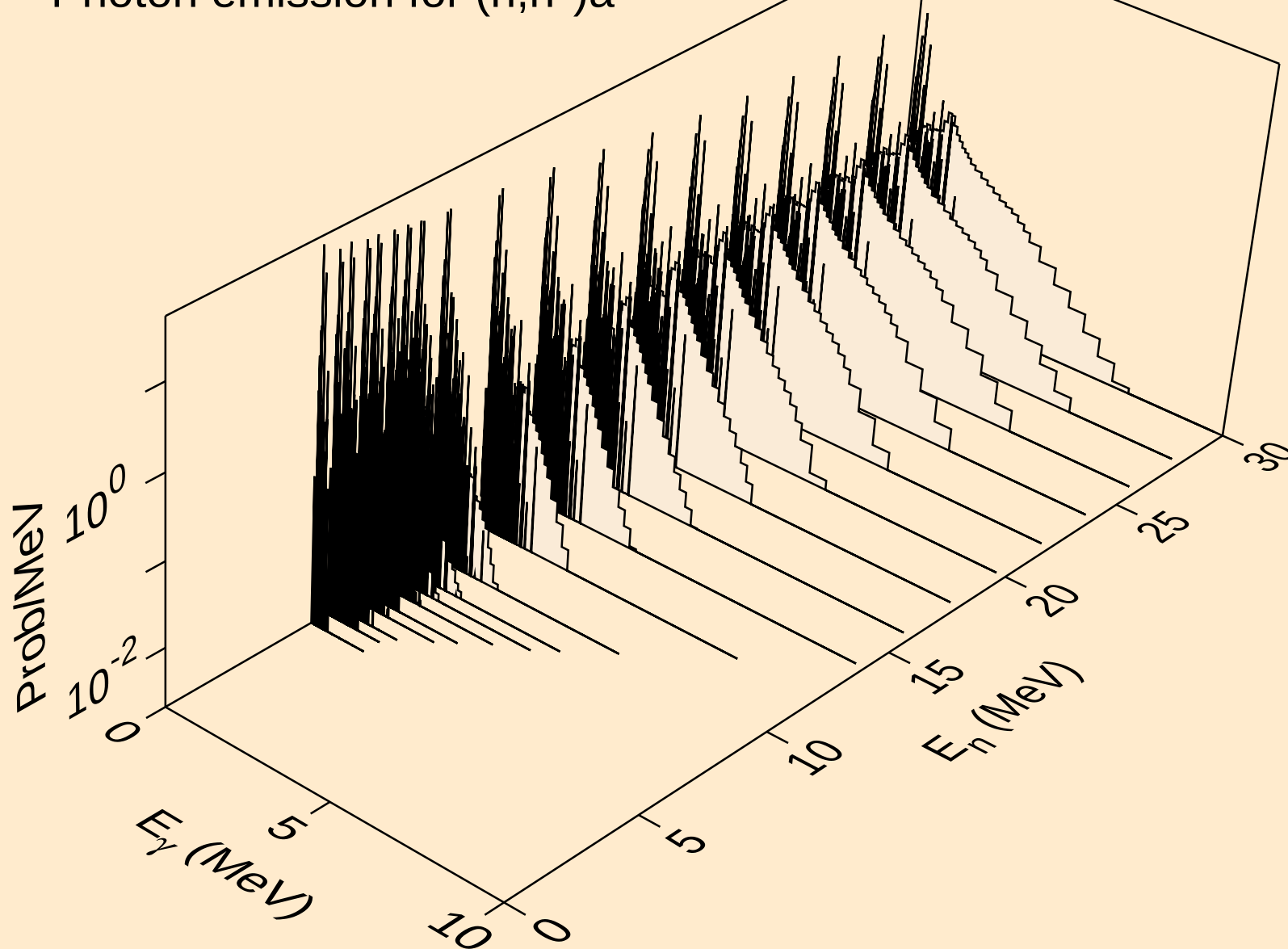
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Photon emission for (n,2n)



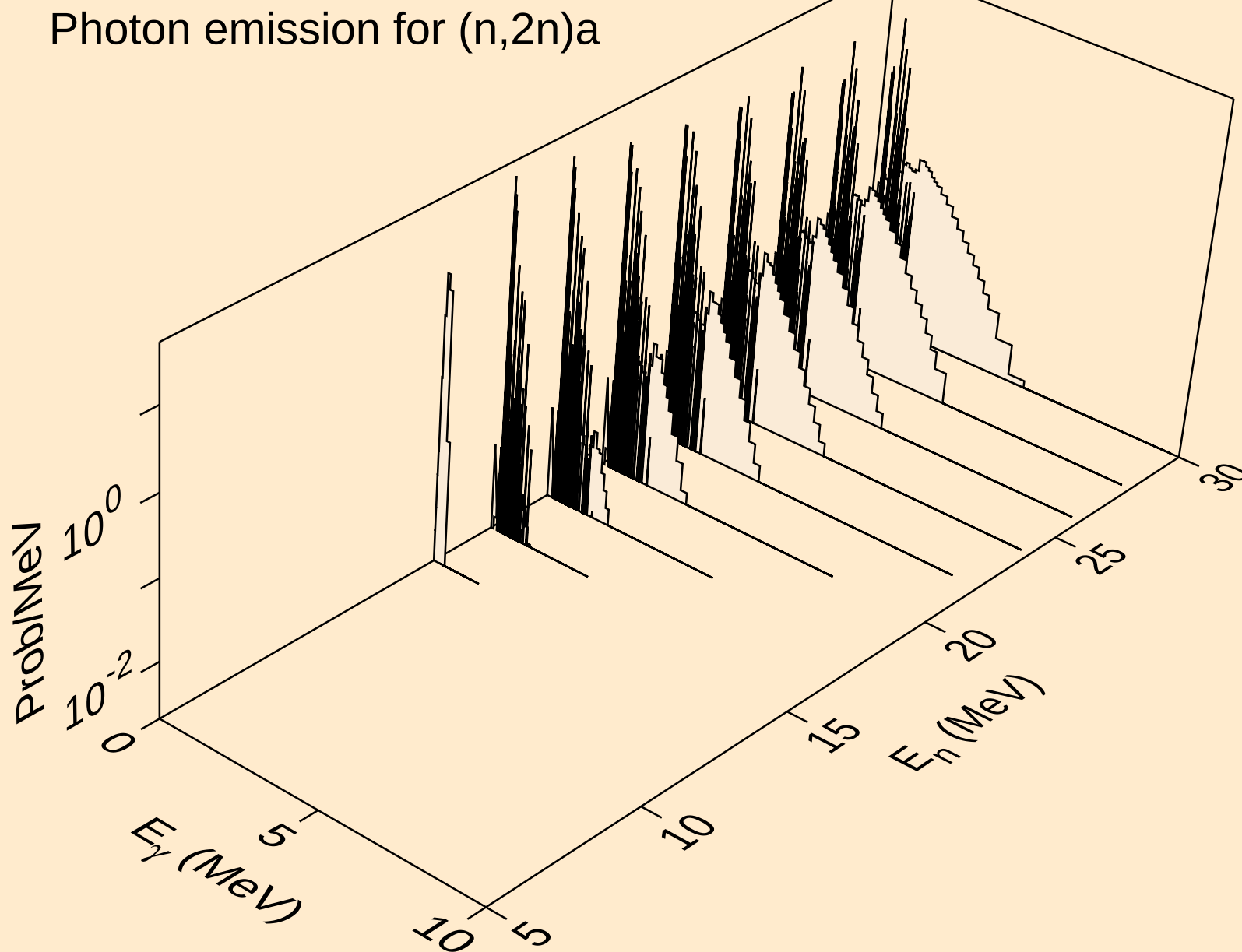
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



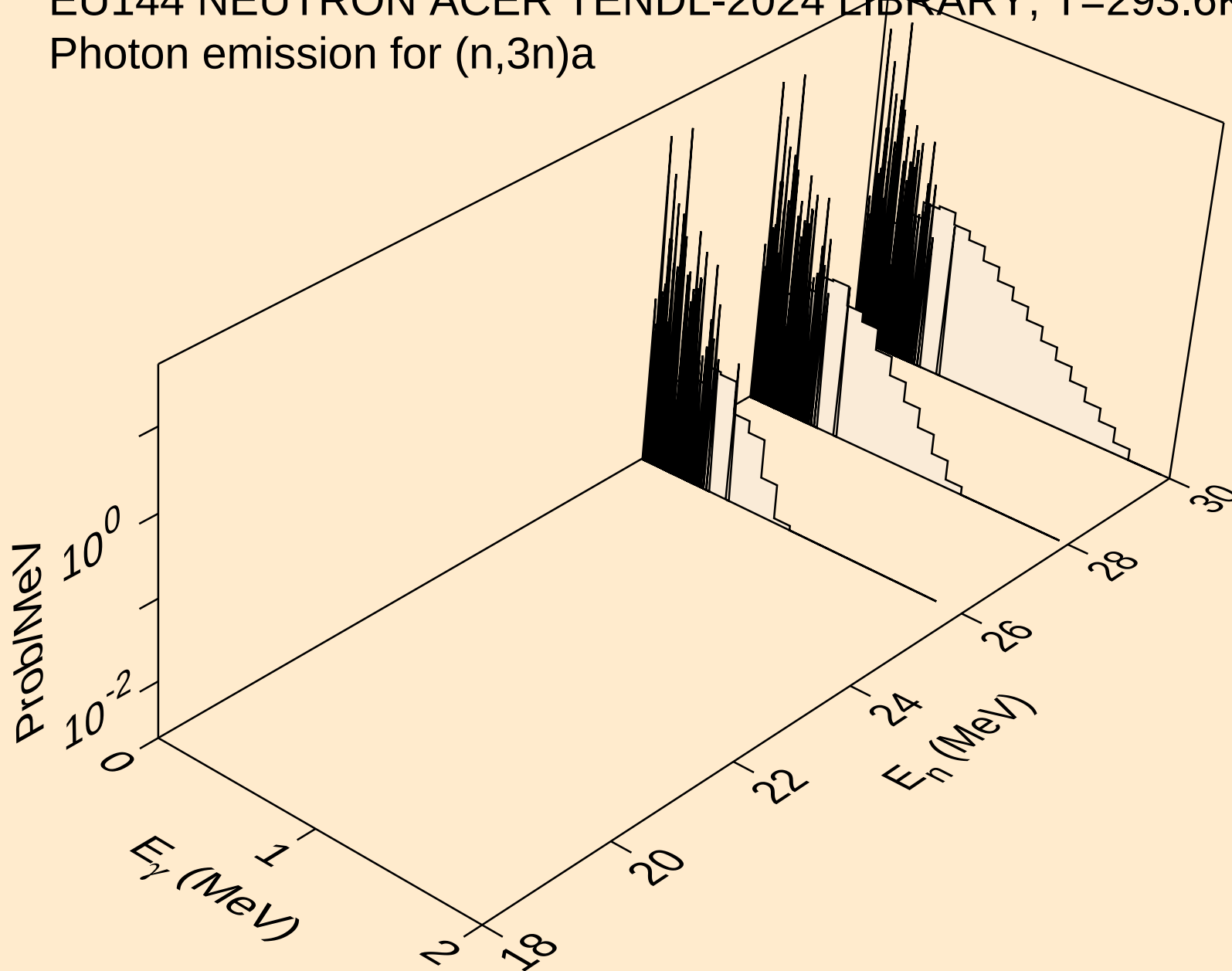
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



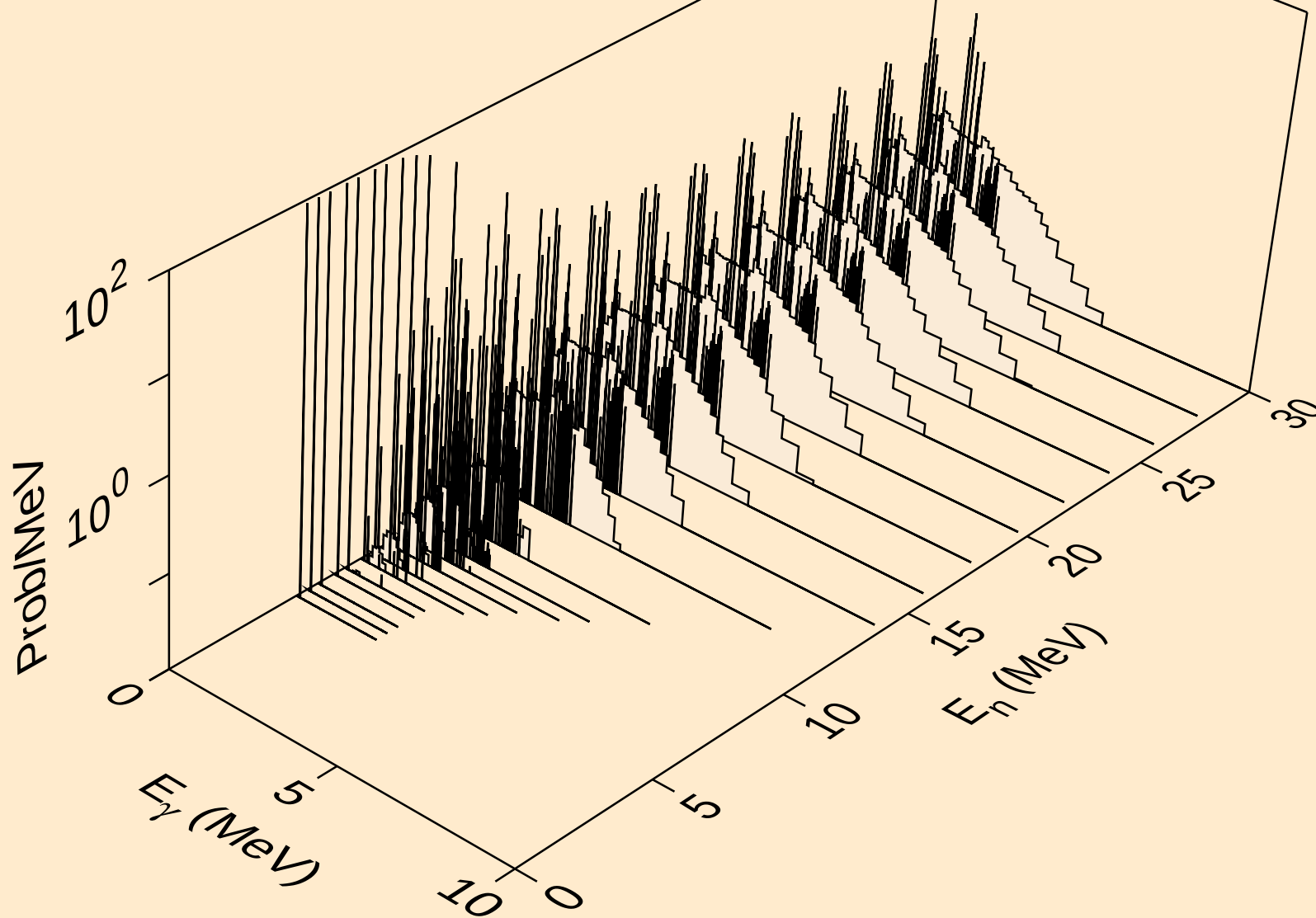
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Photon emission for (n,2n) α



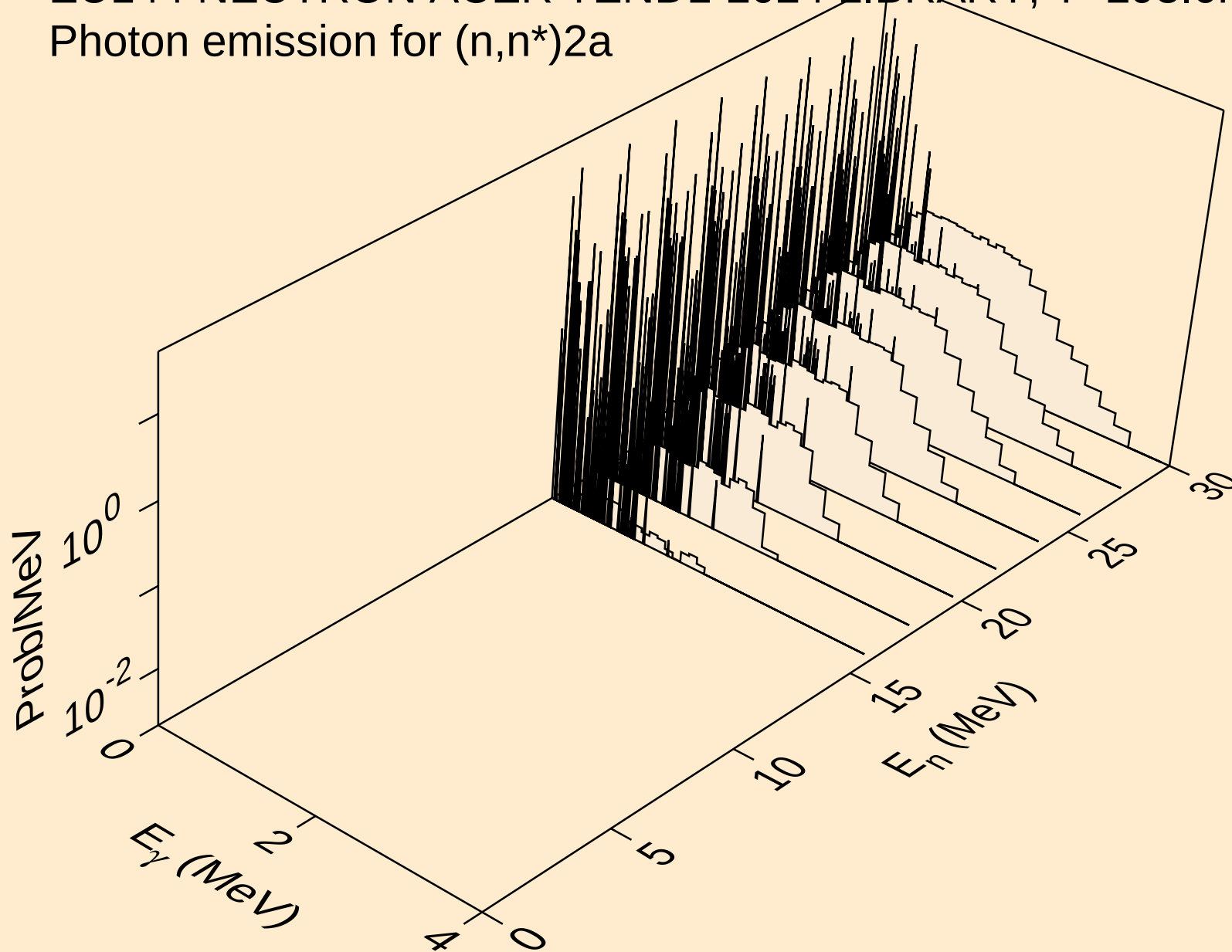
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n) α



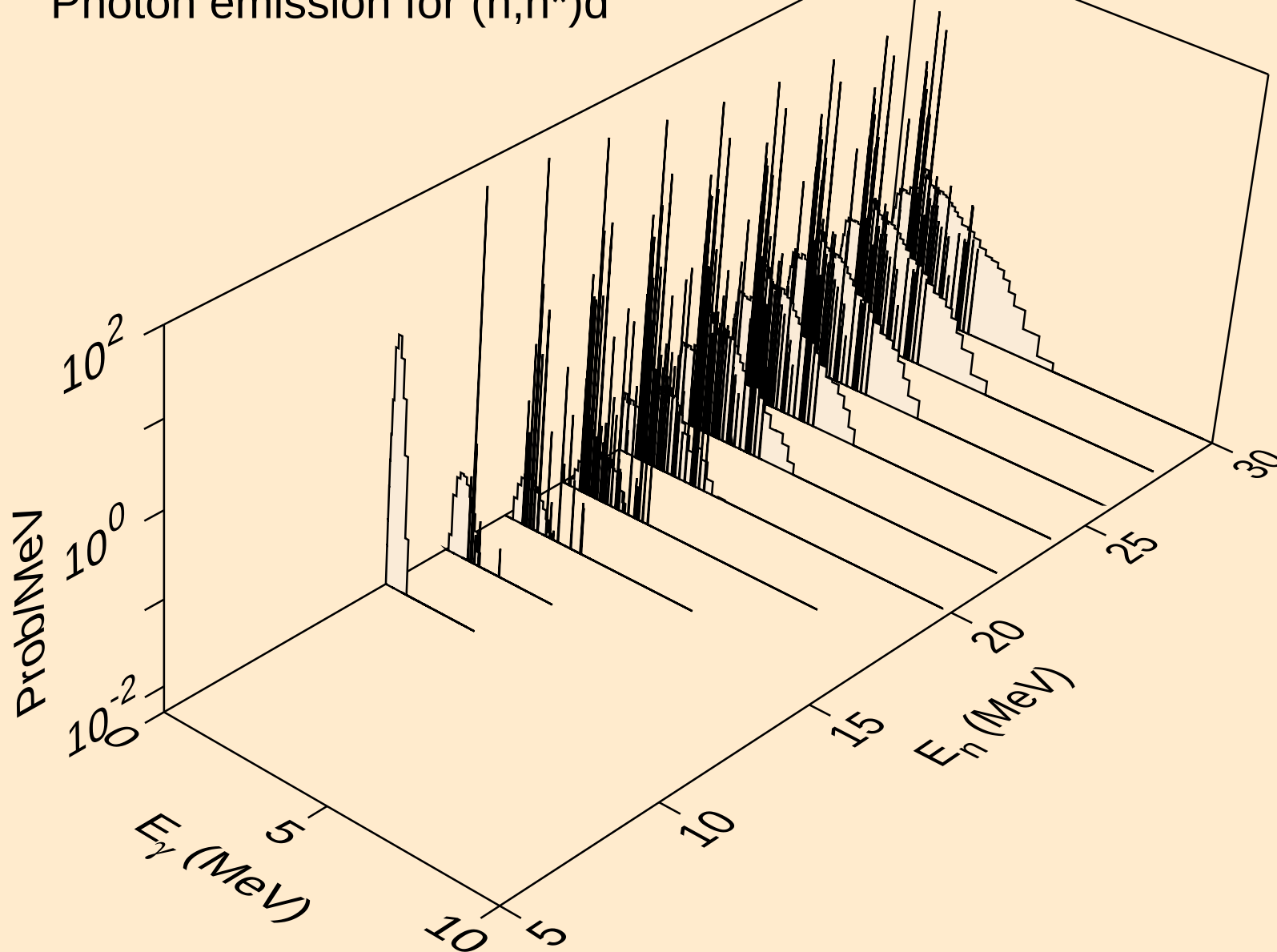
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



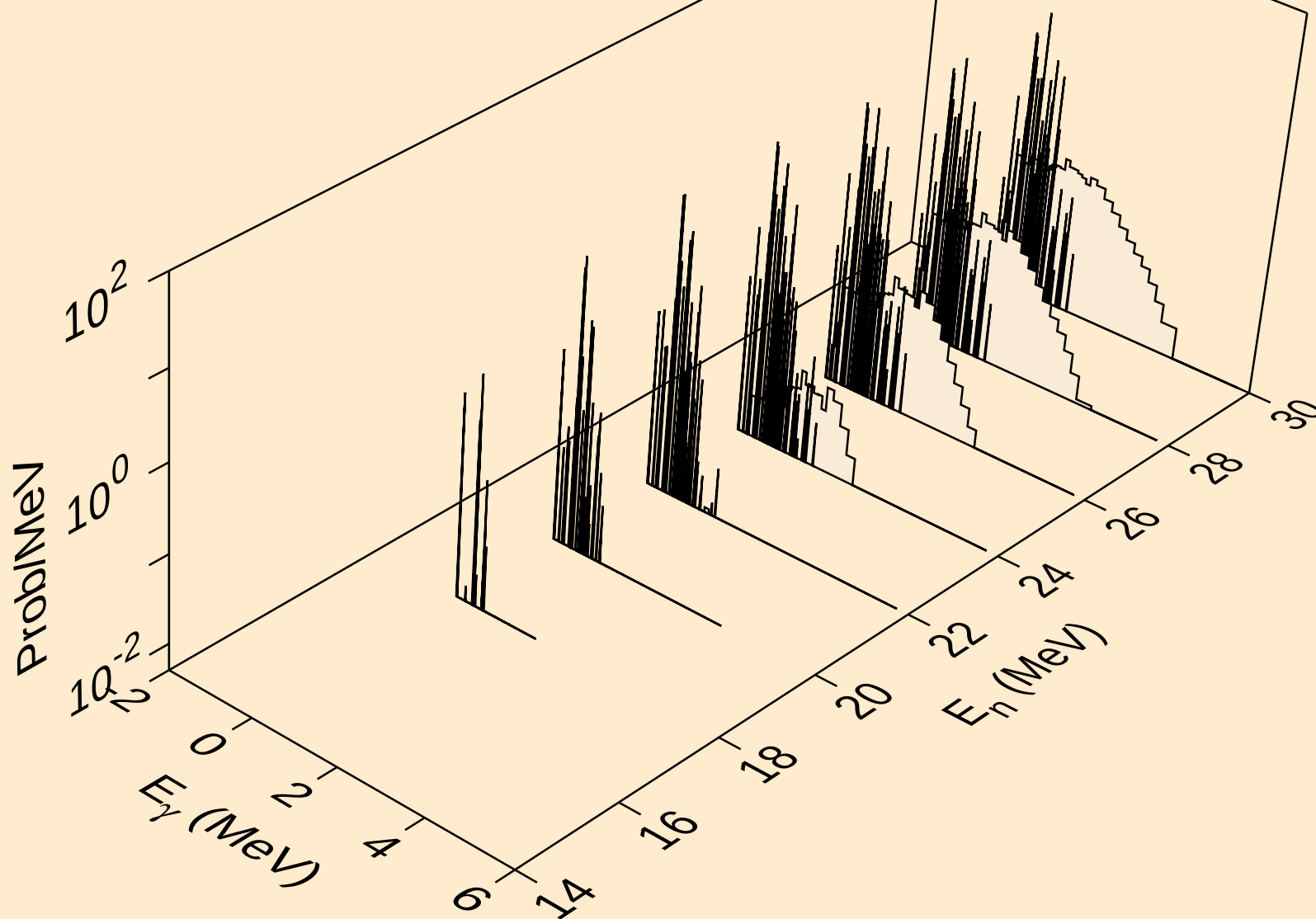
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



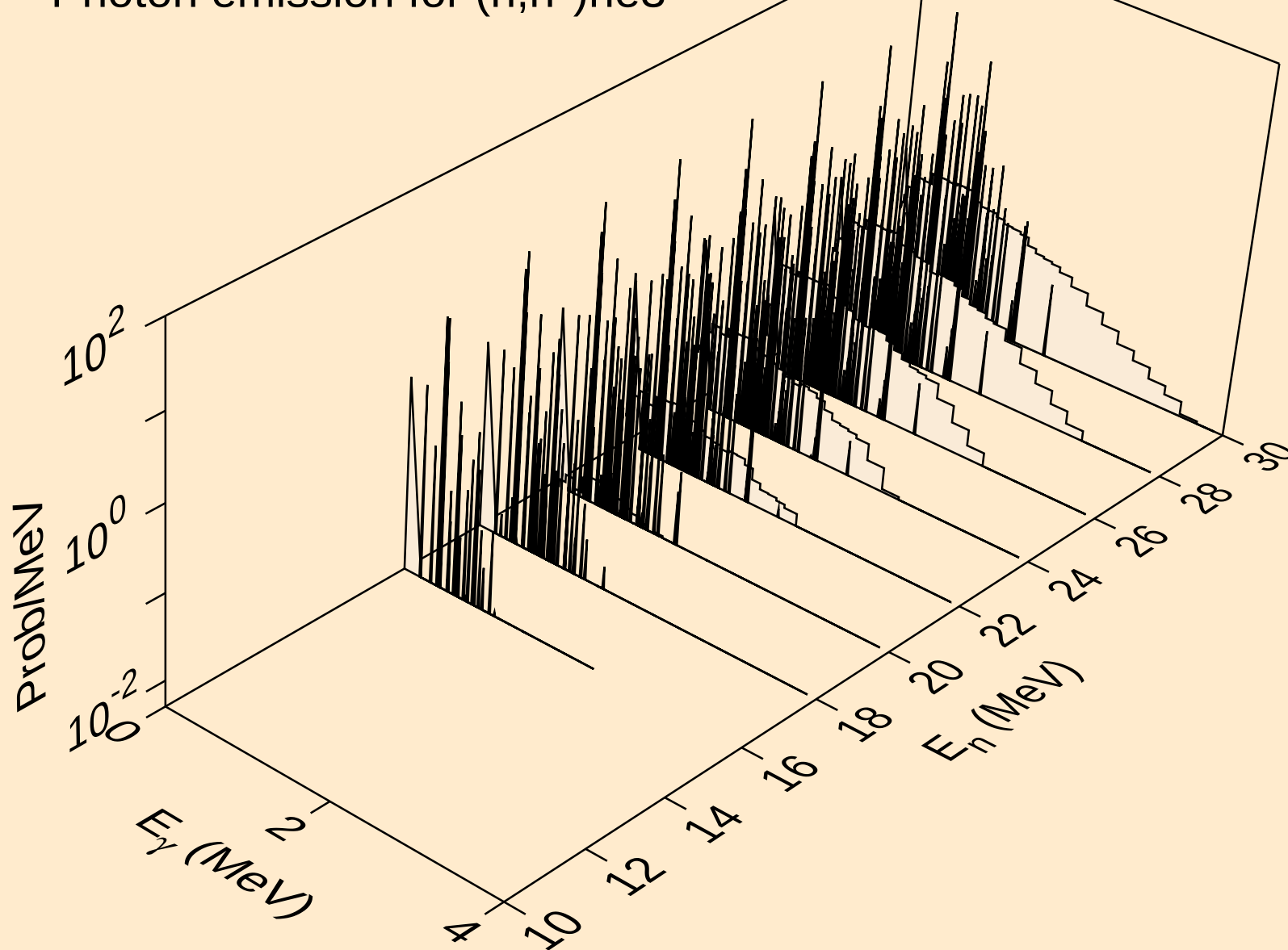
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



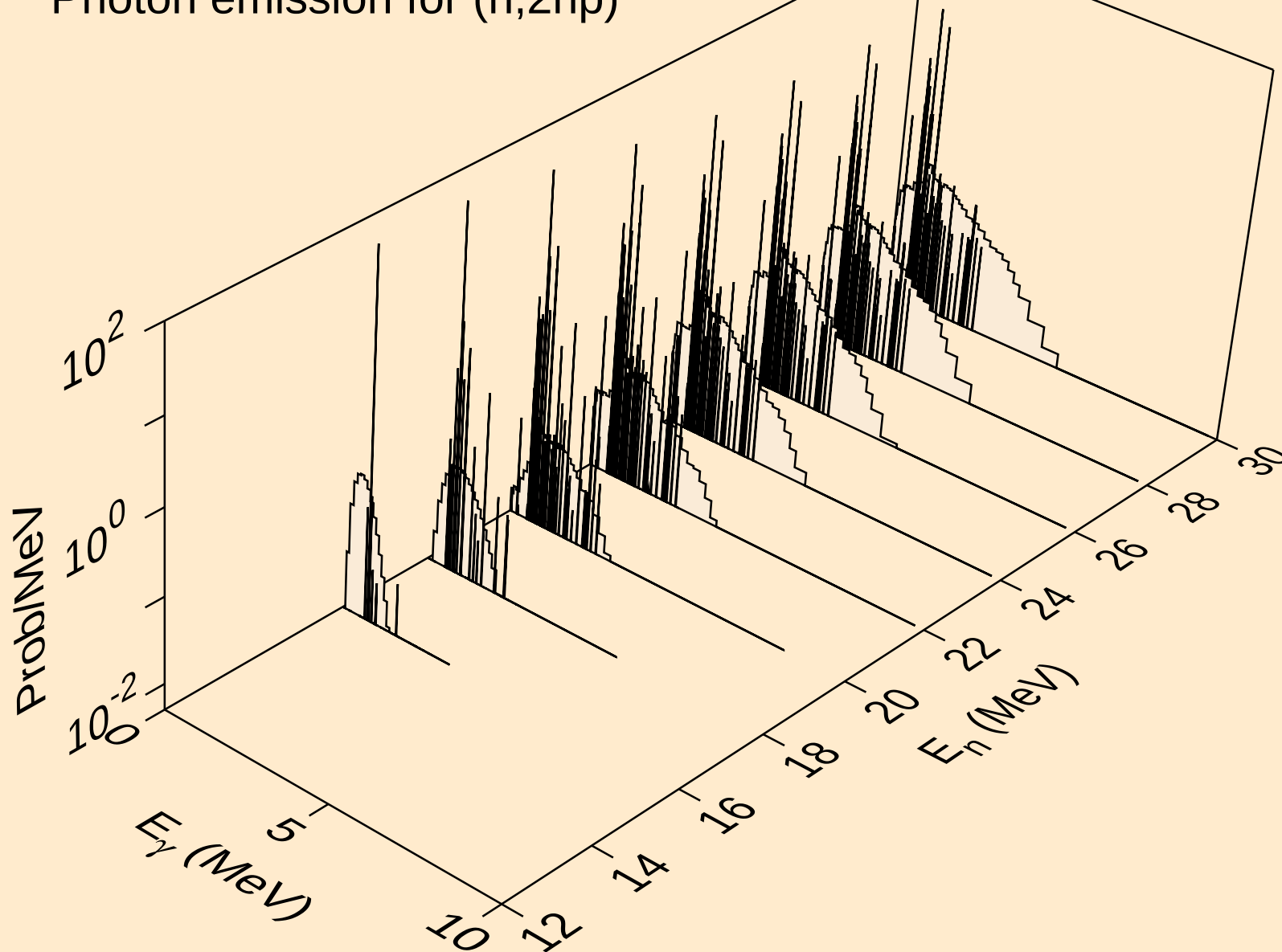
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



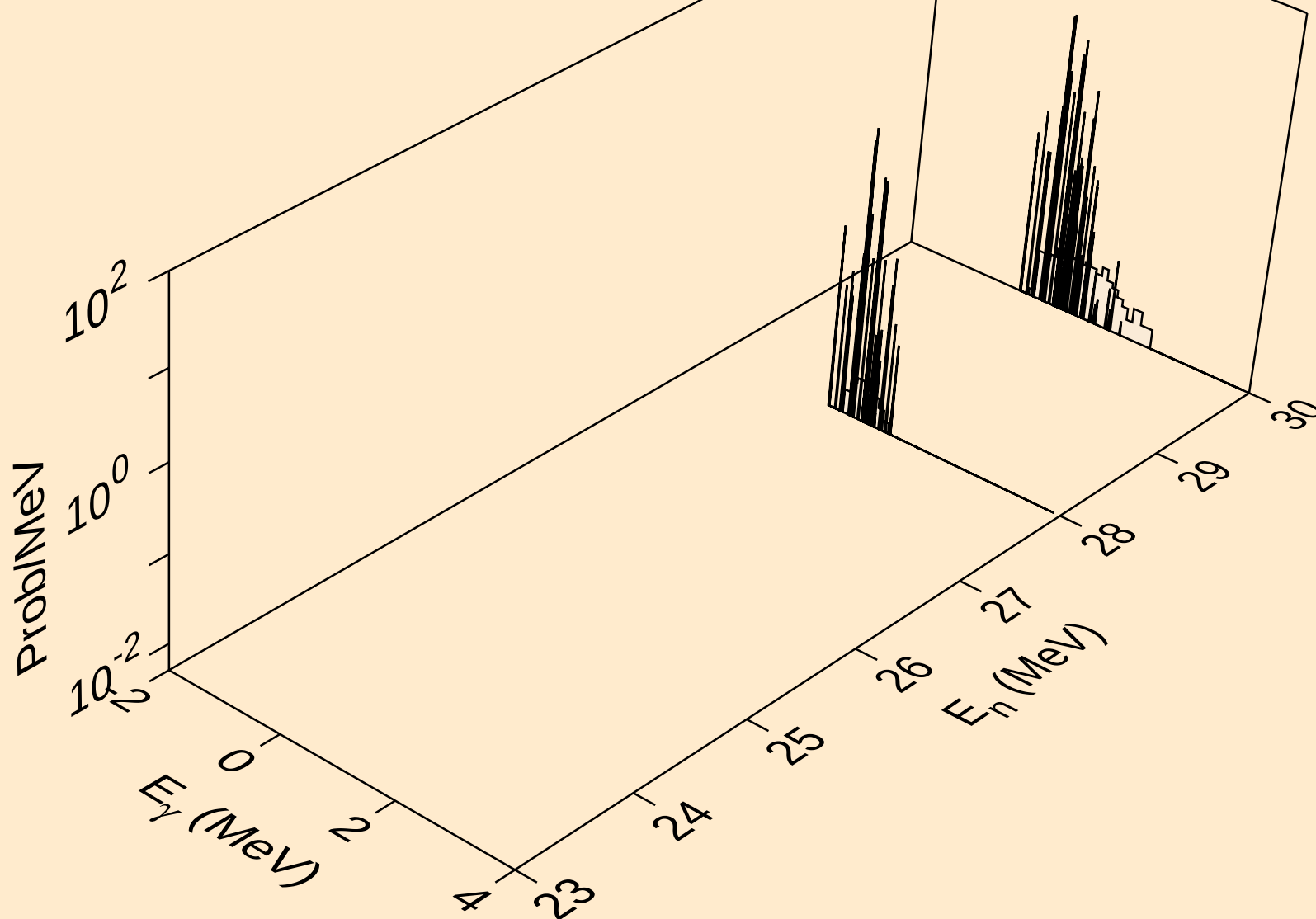
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



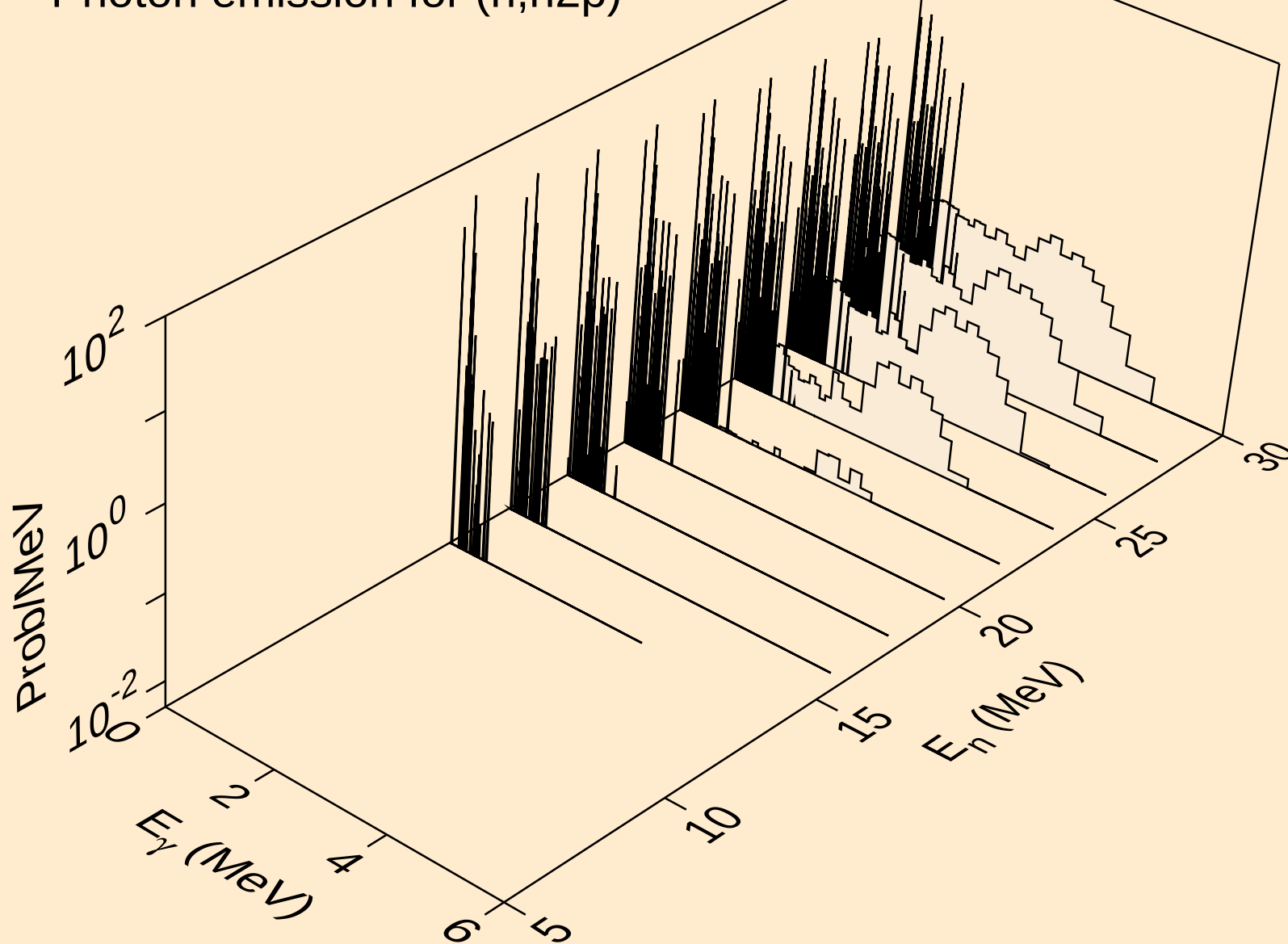
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



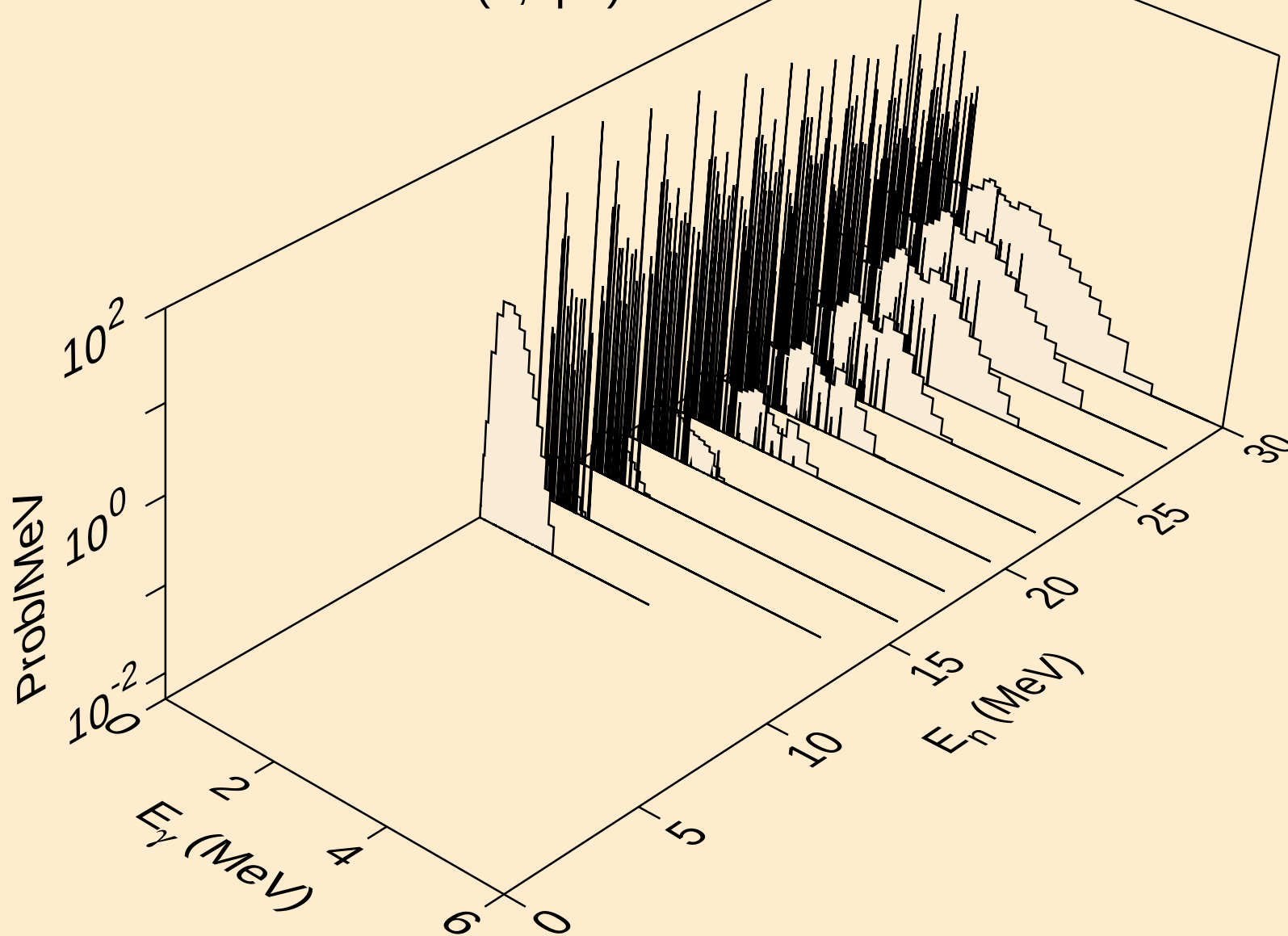
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



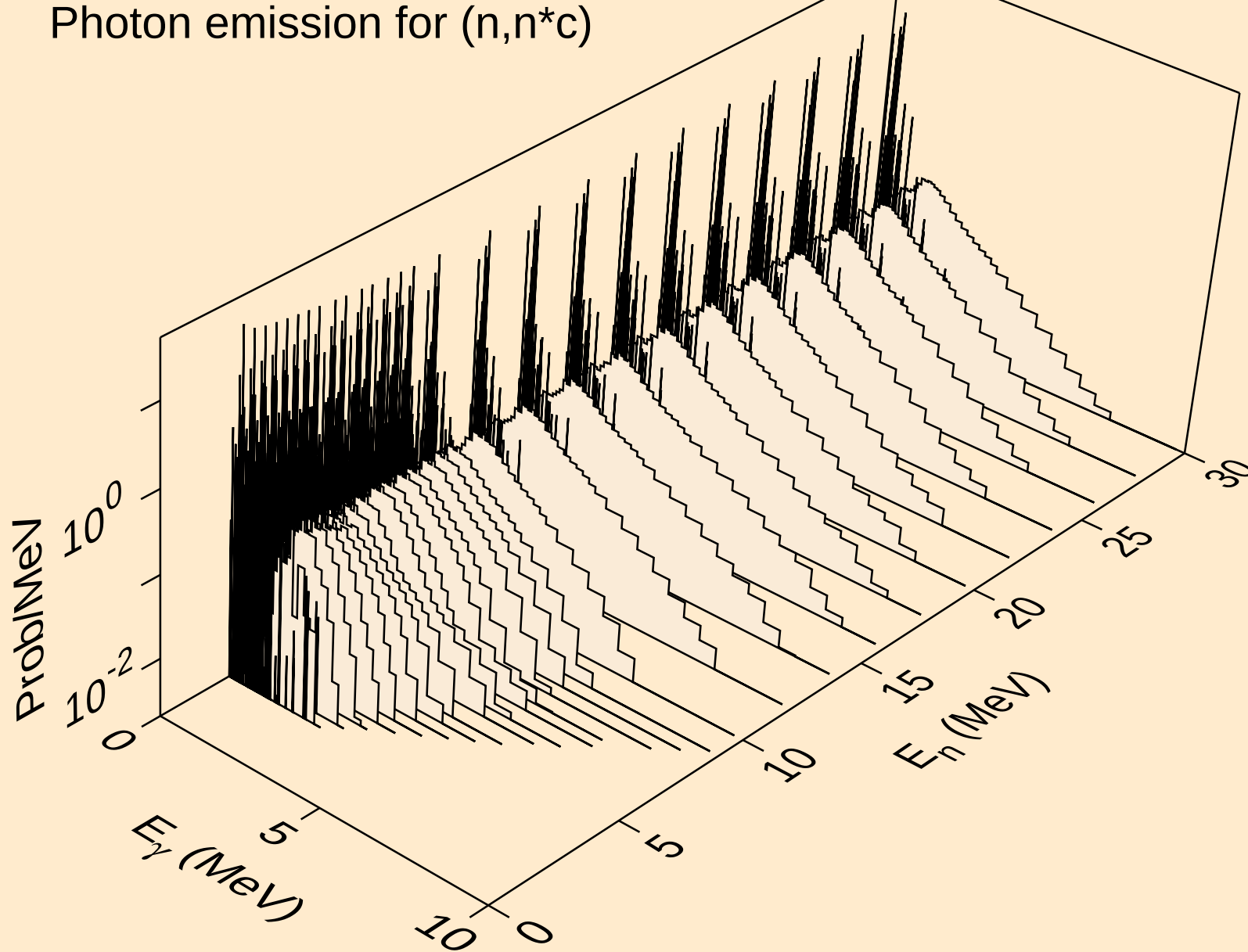
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Photon emission for (n,n2p)



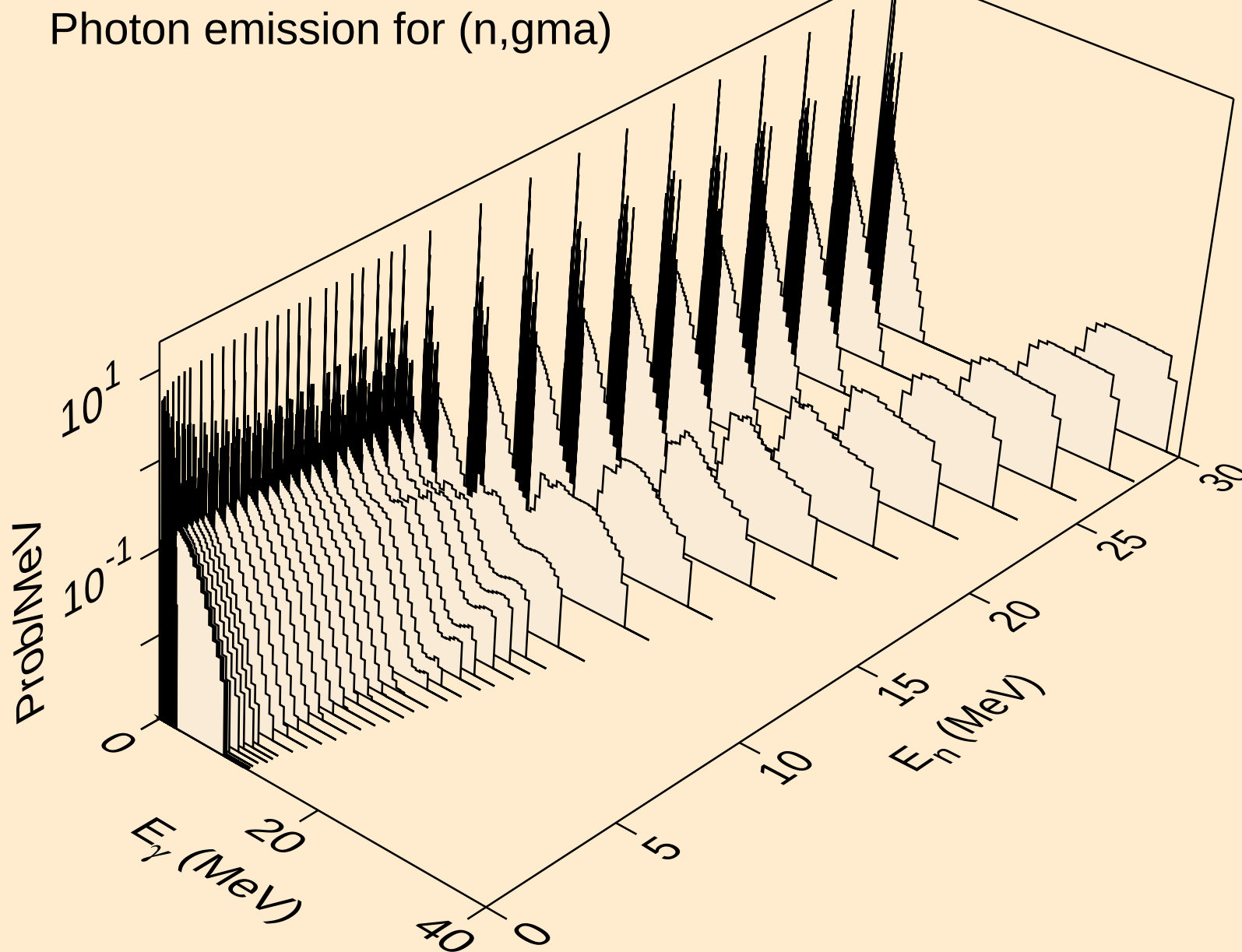
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



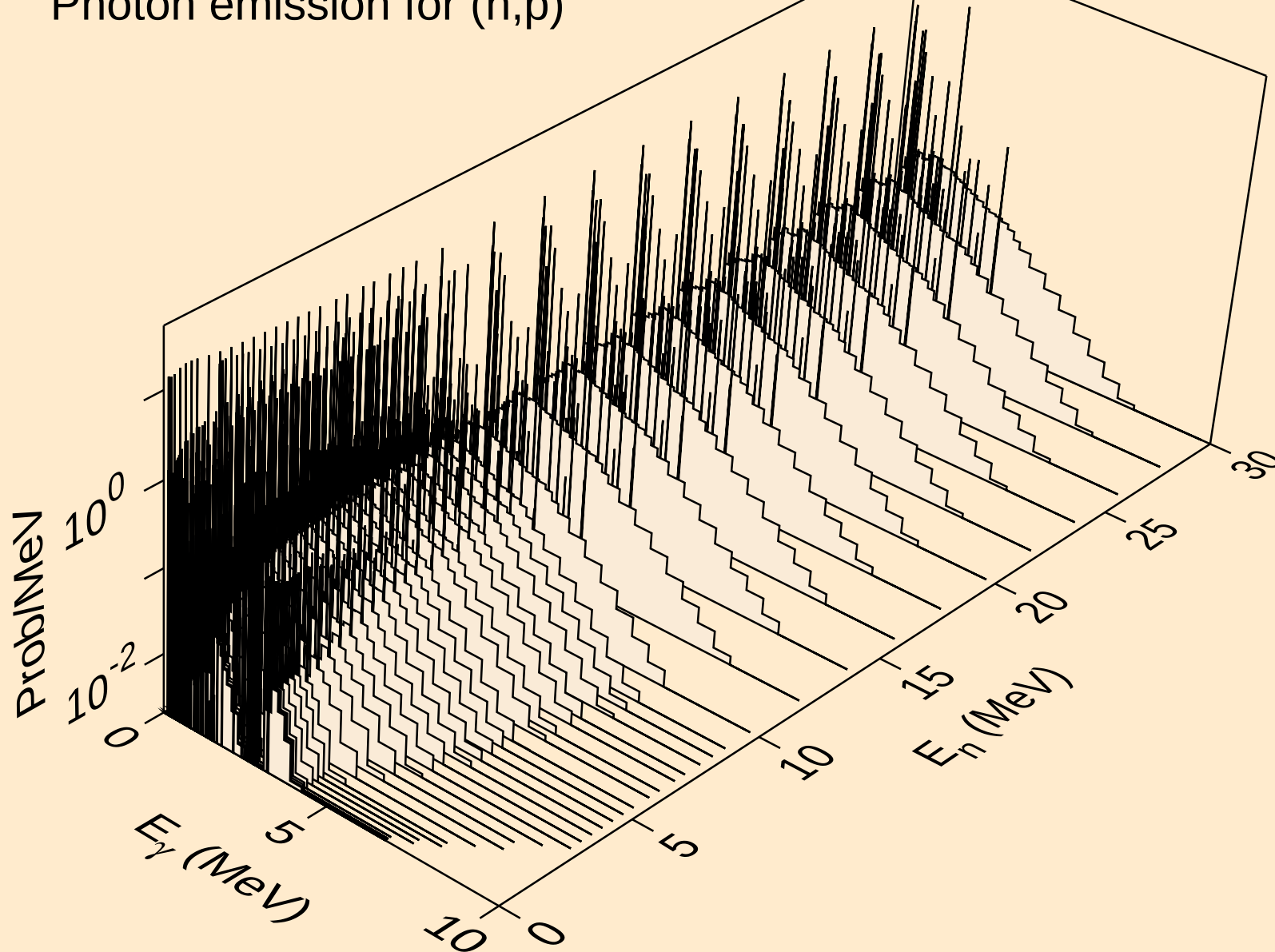
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



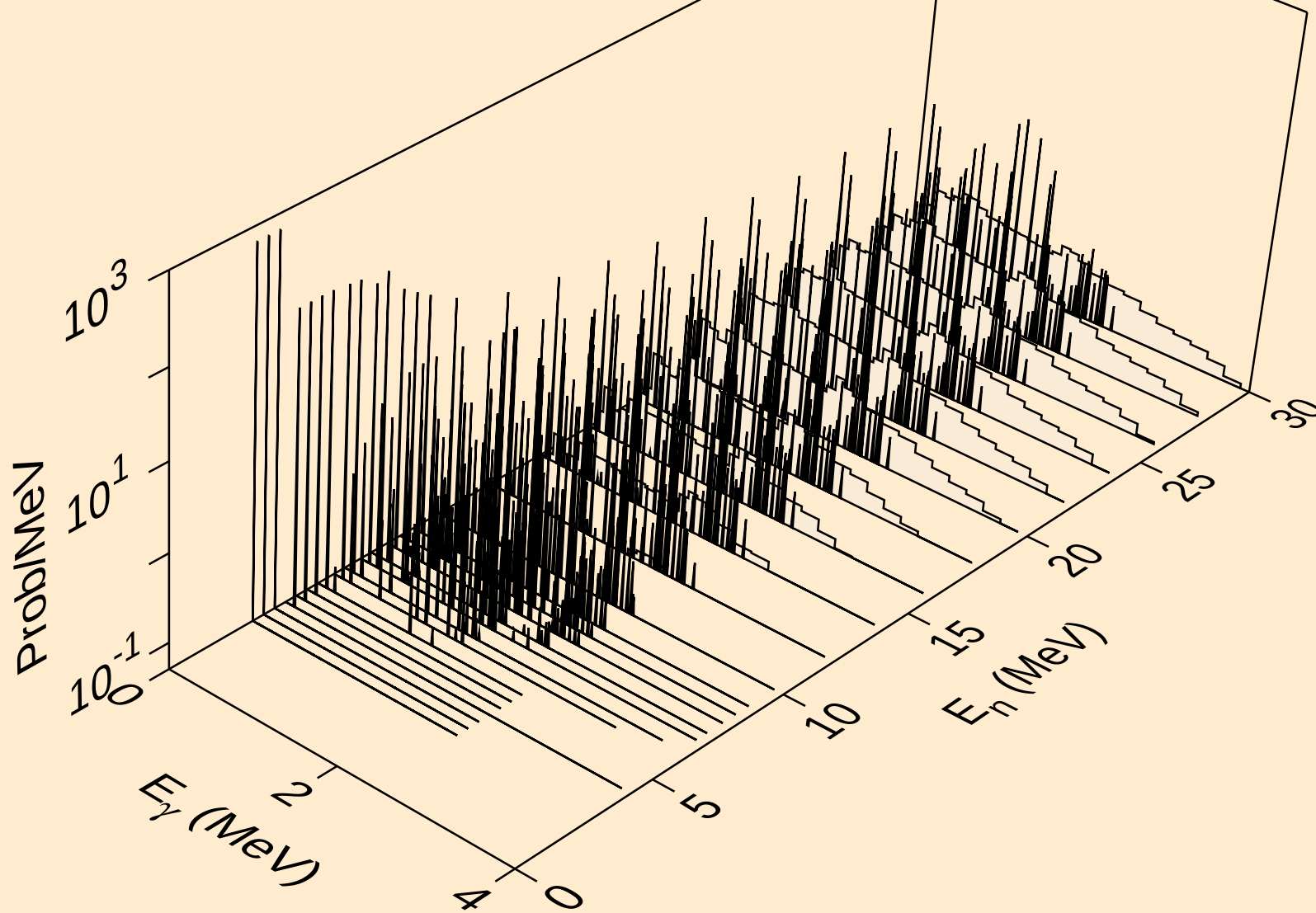
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



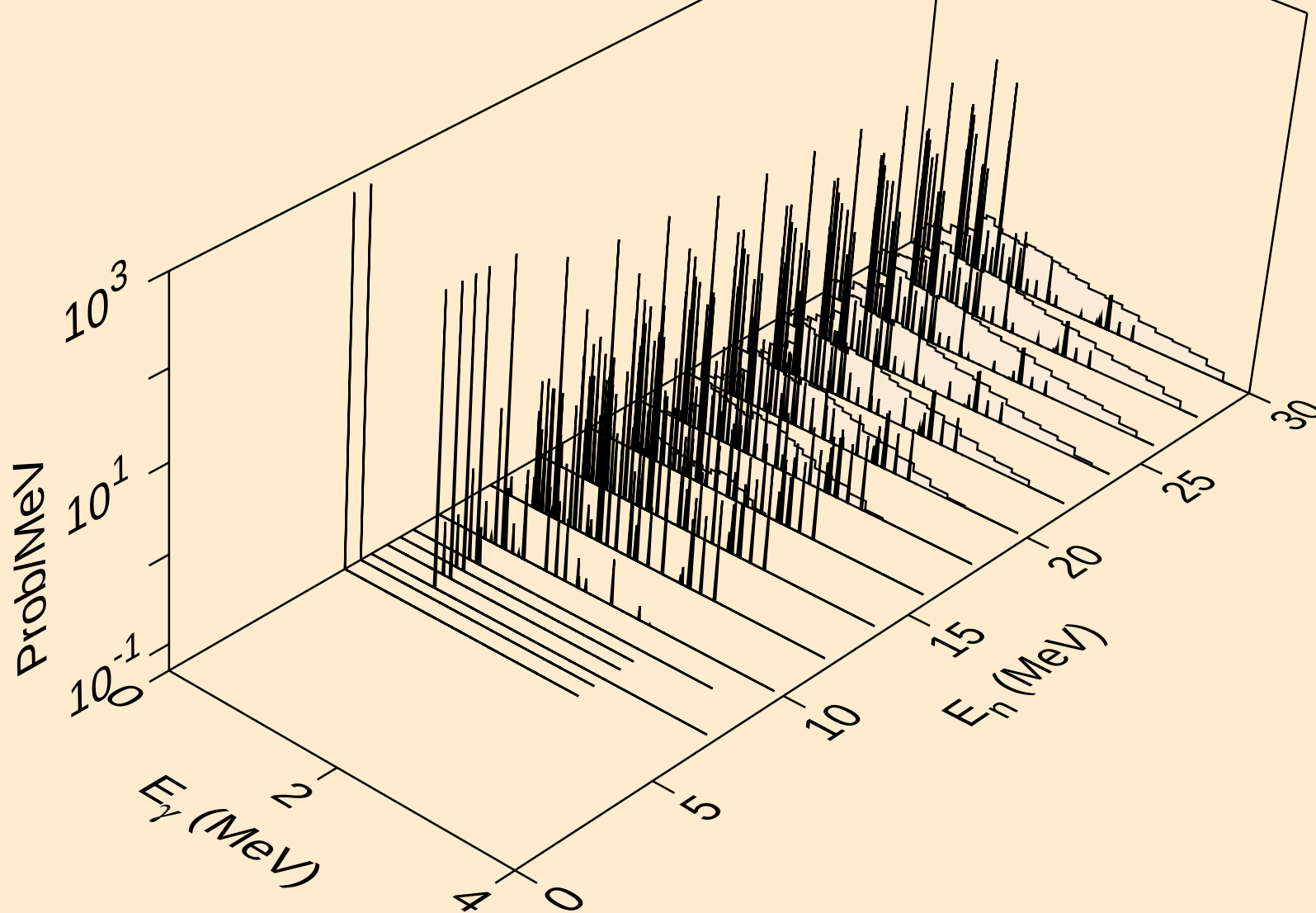
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



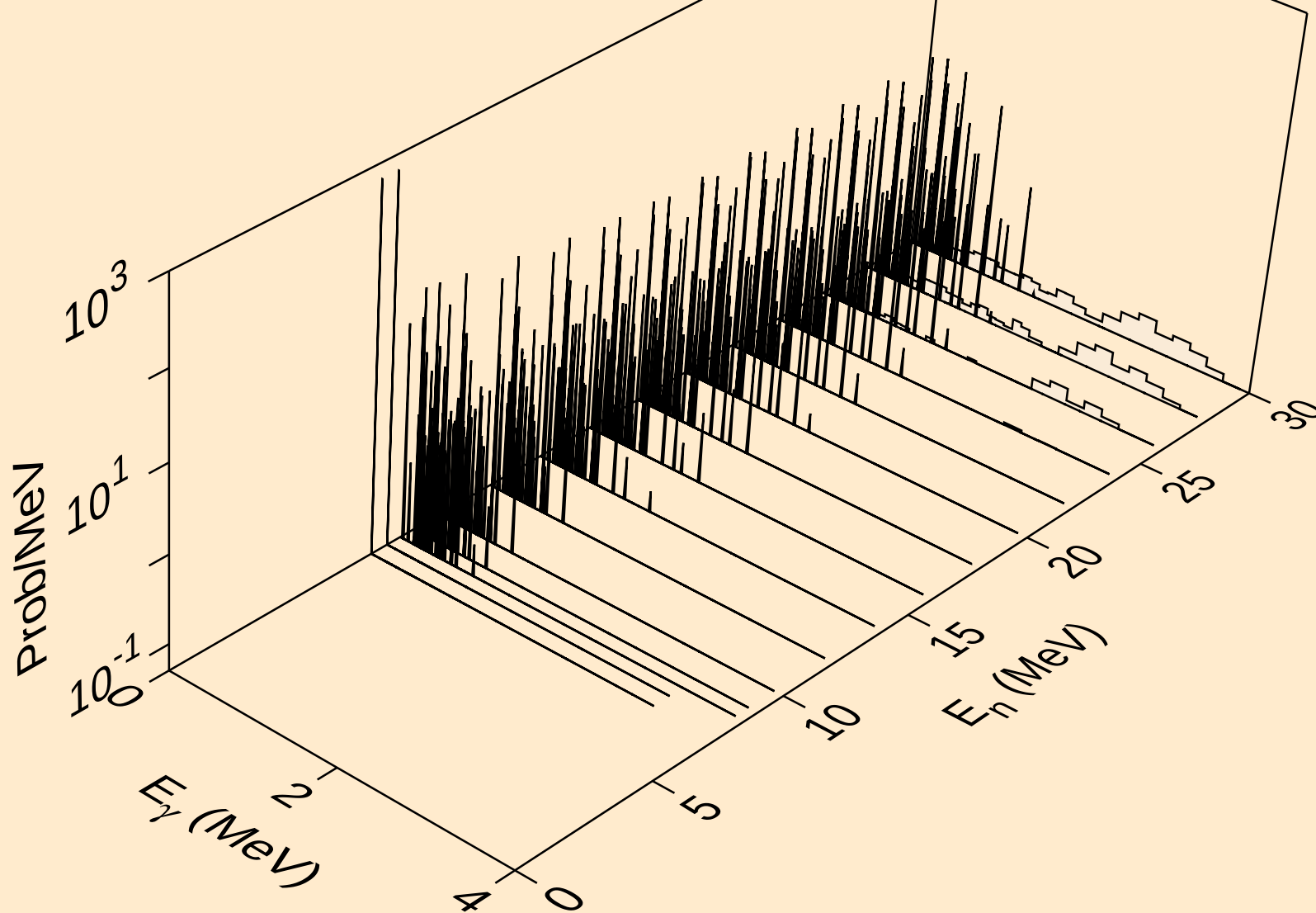
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



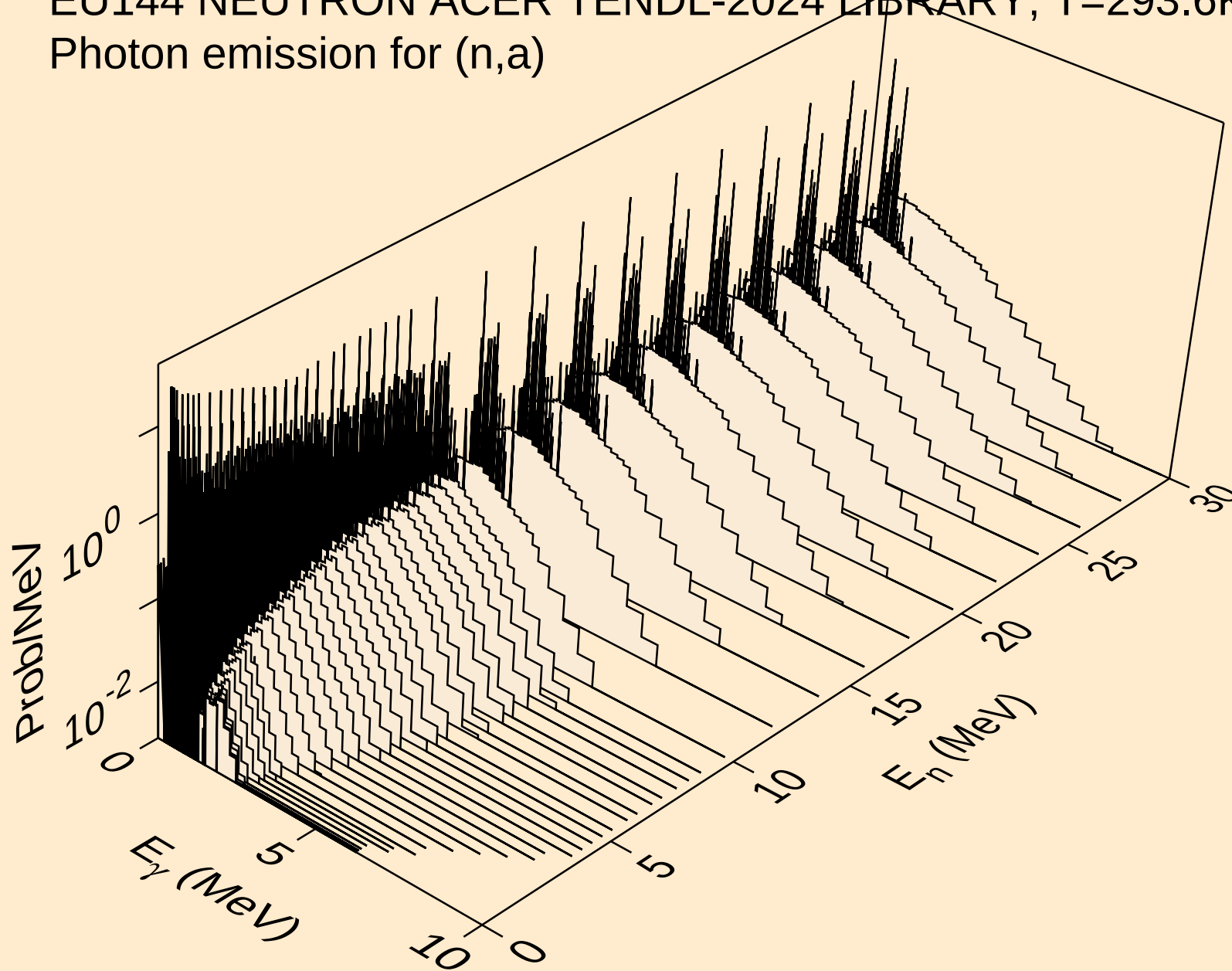
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



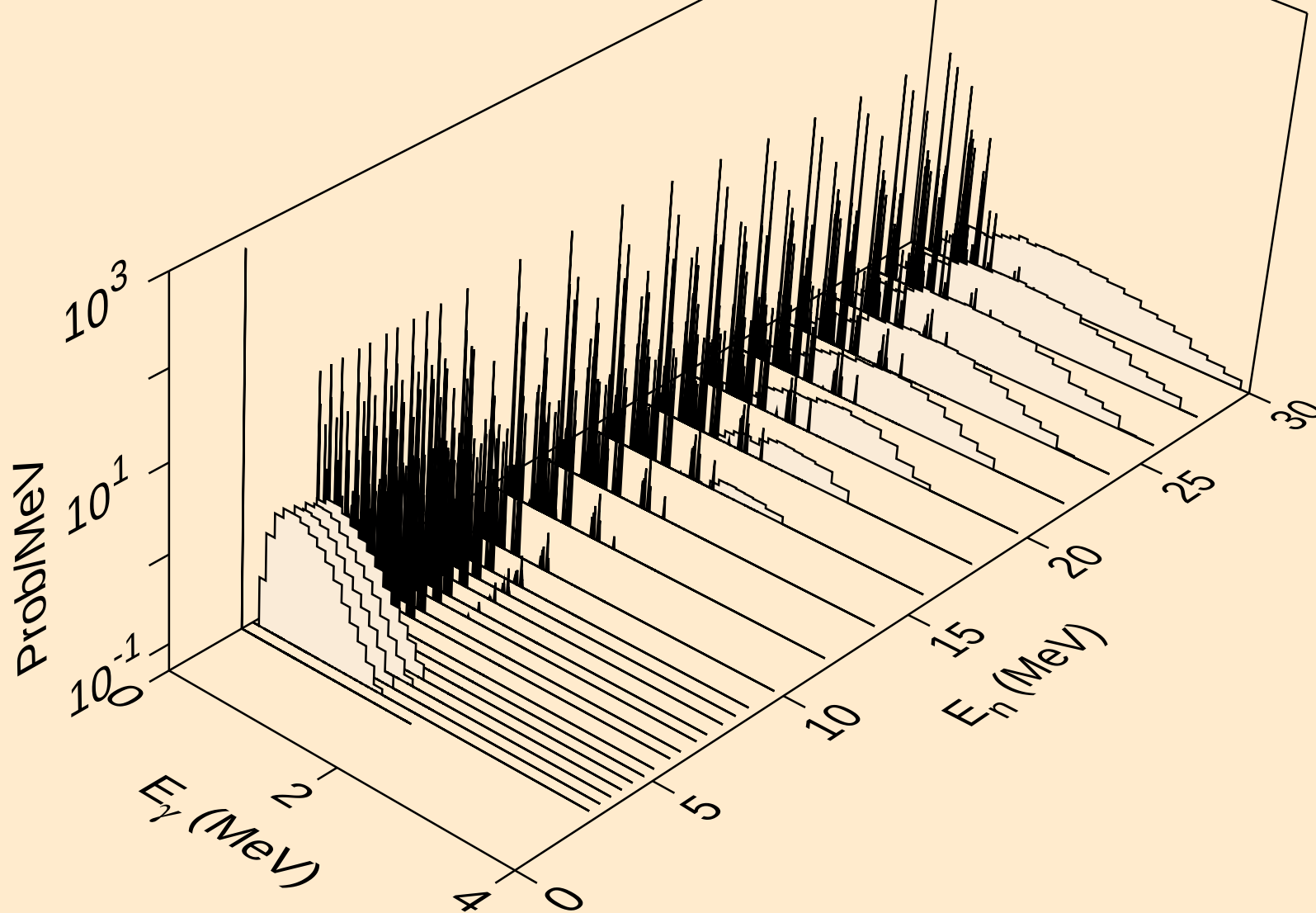
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



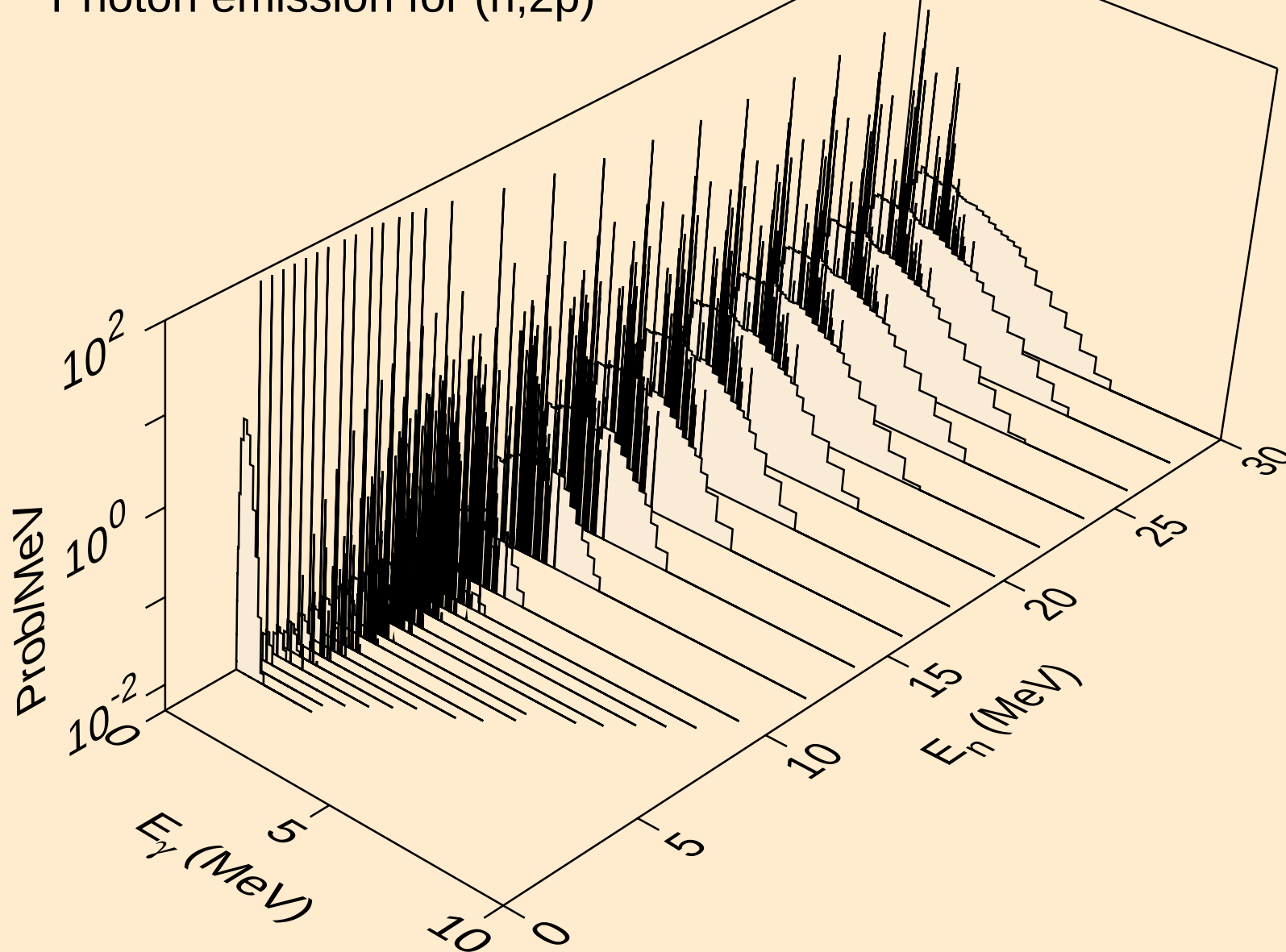
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



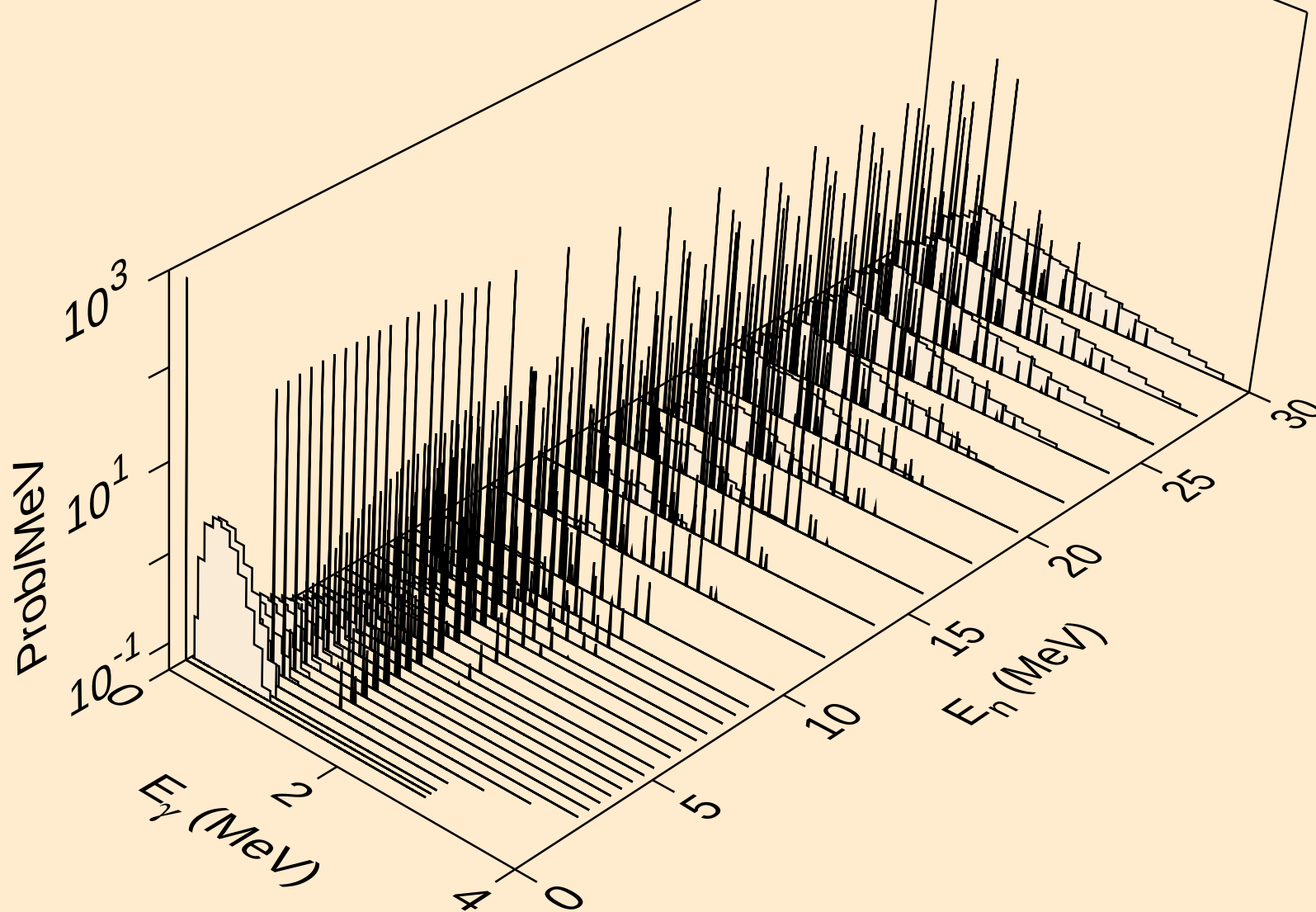
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



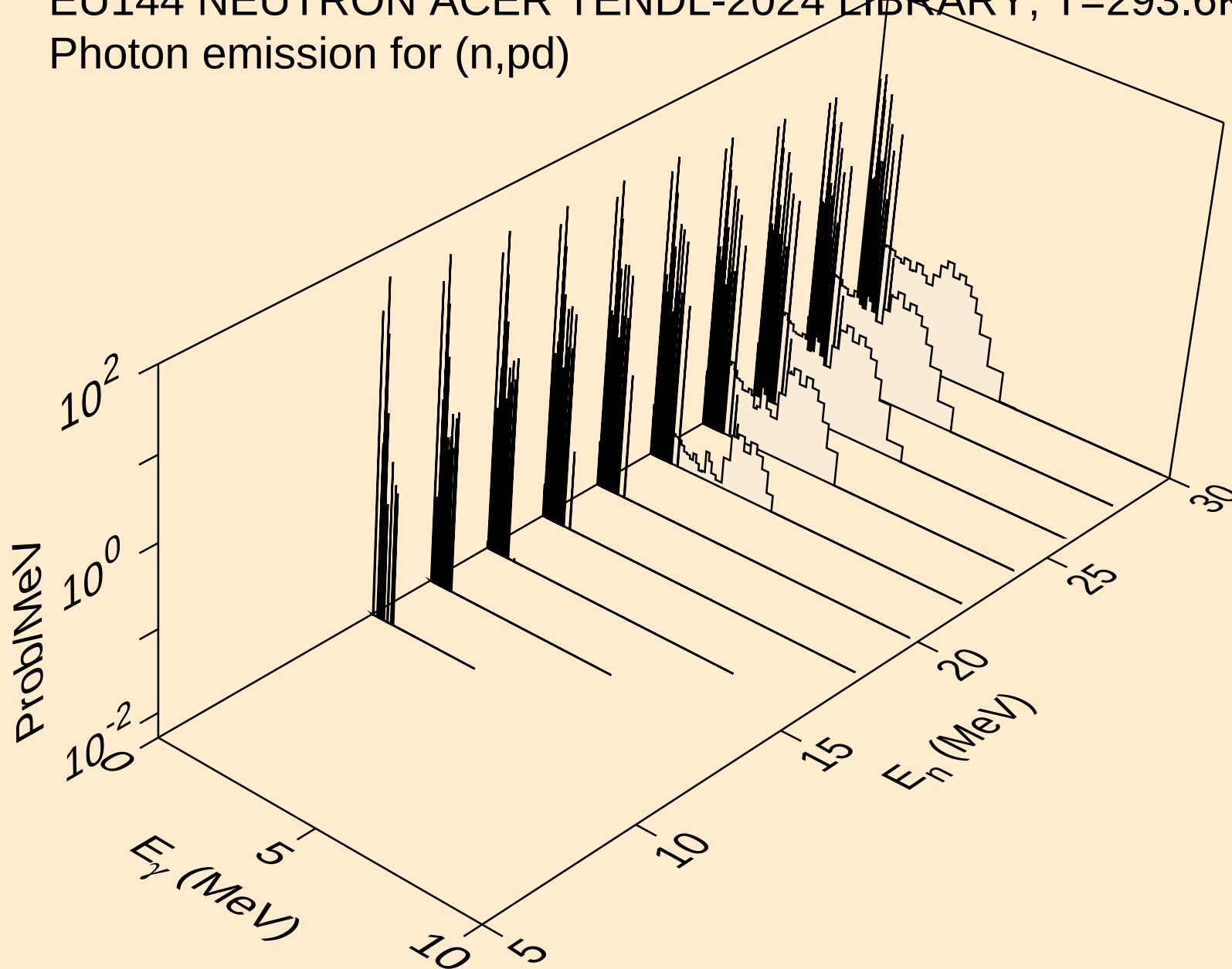
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



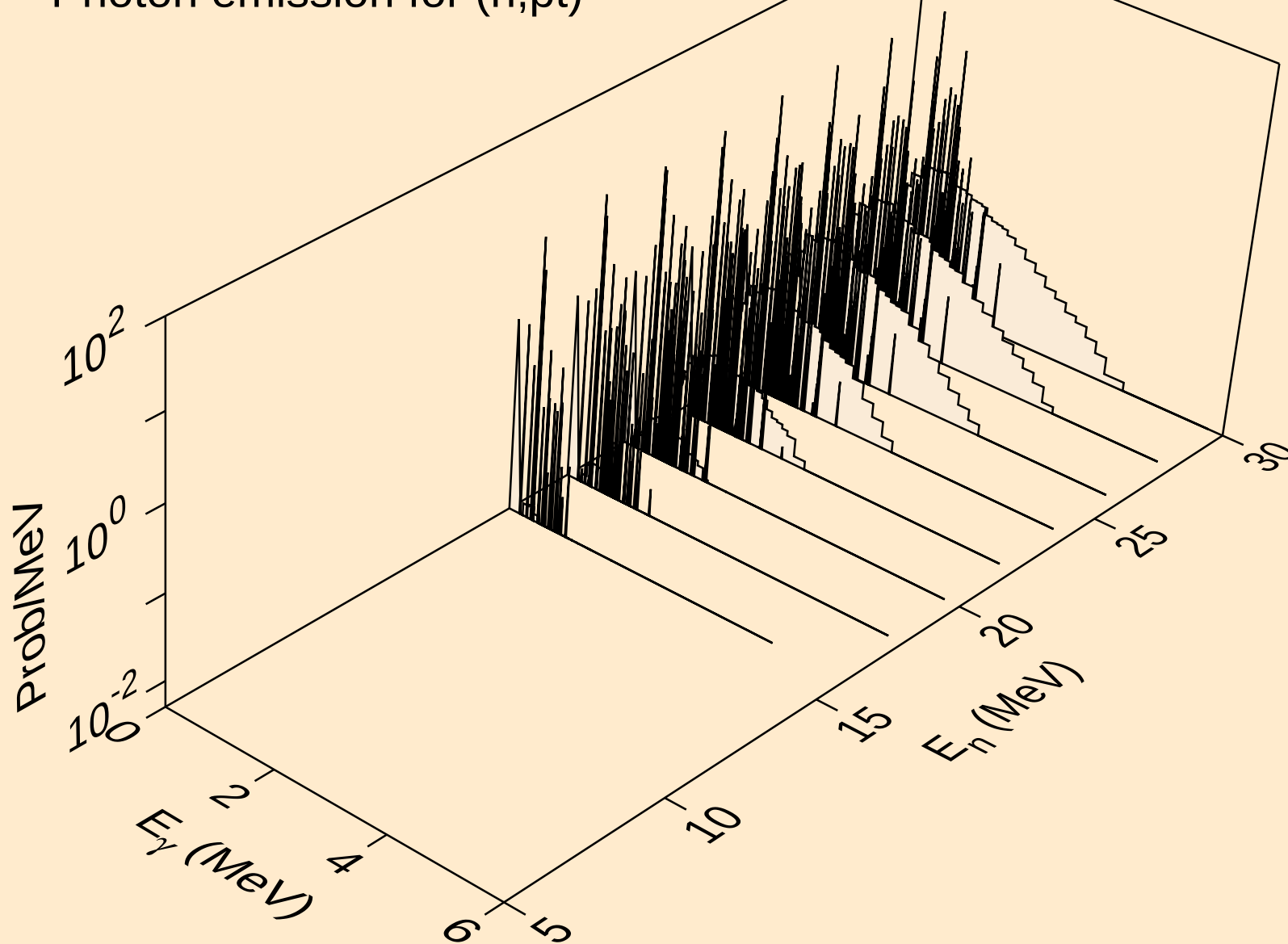
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



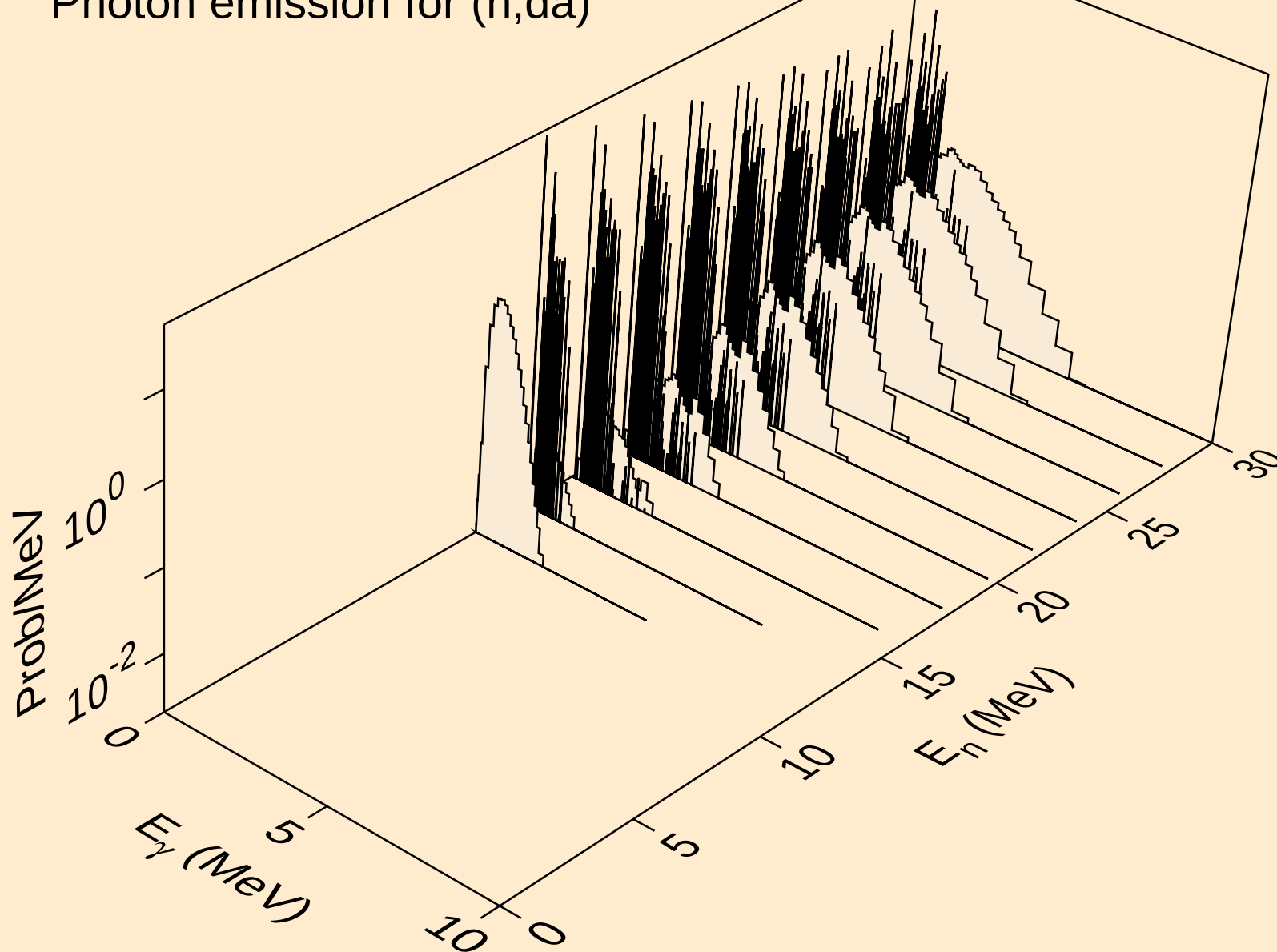
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



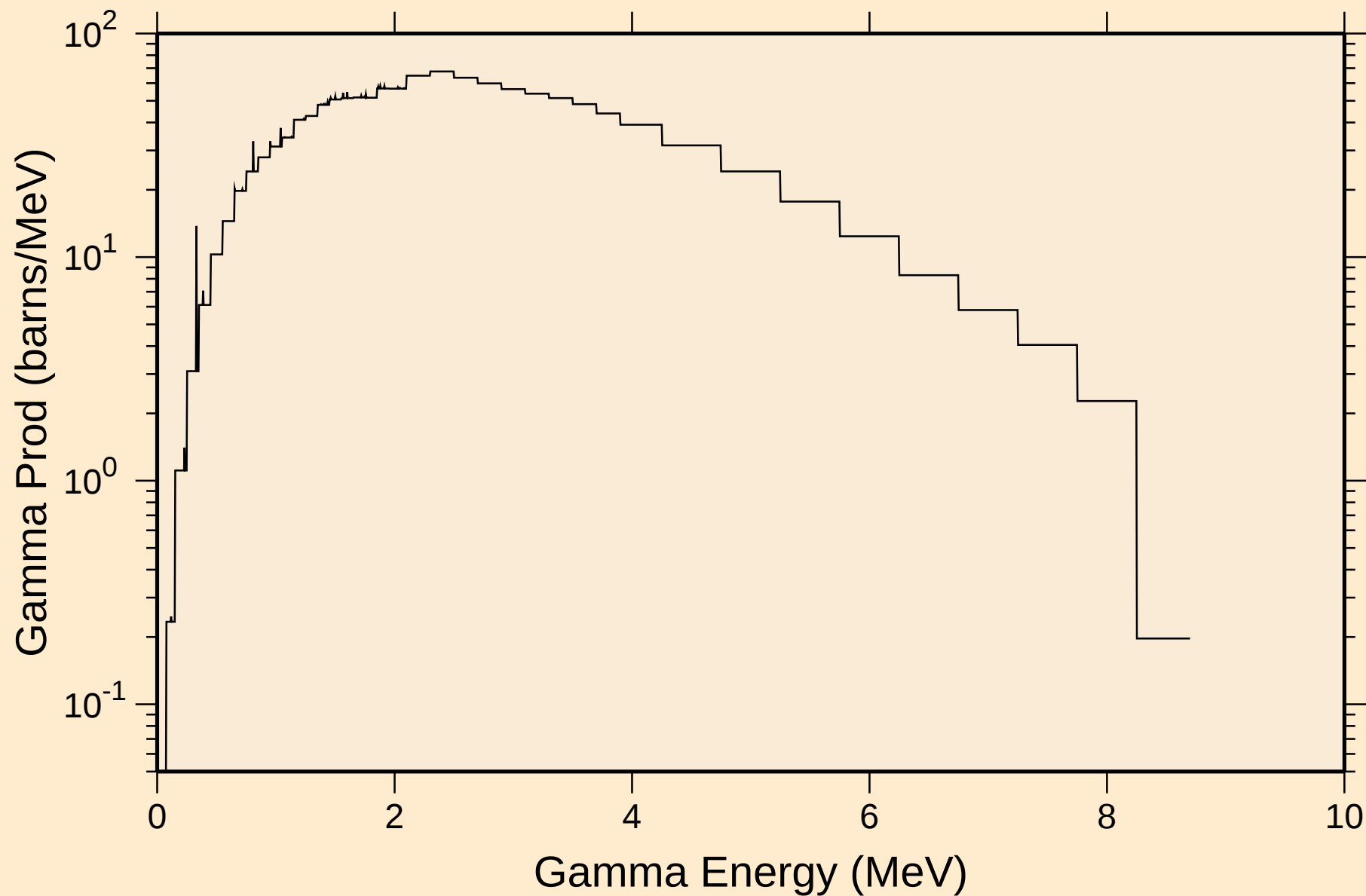
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



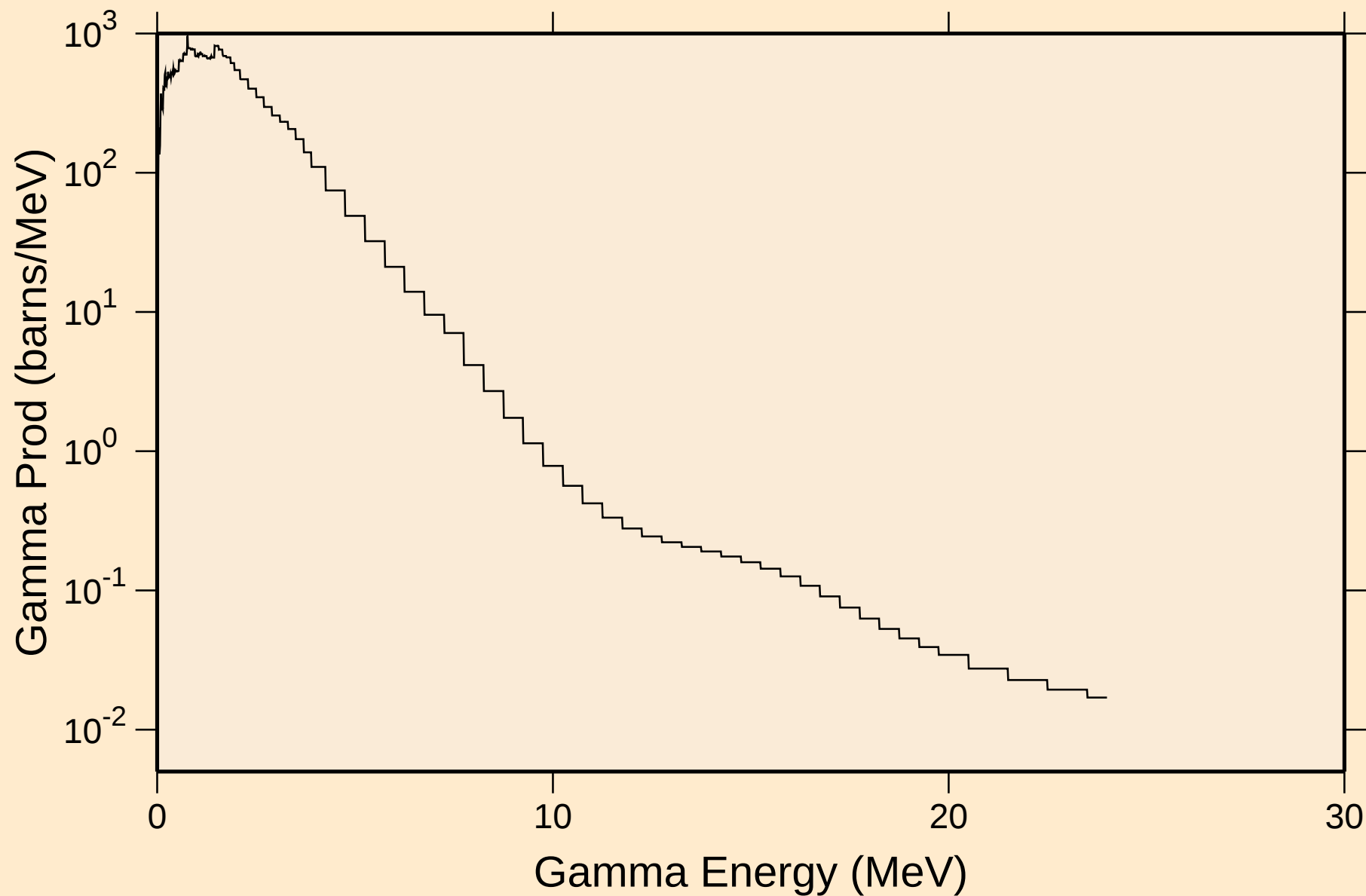
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

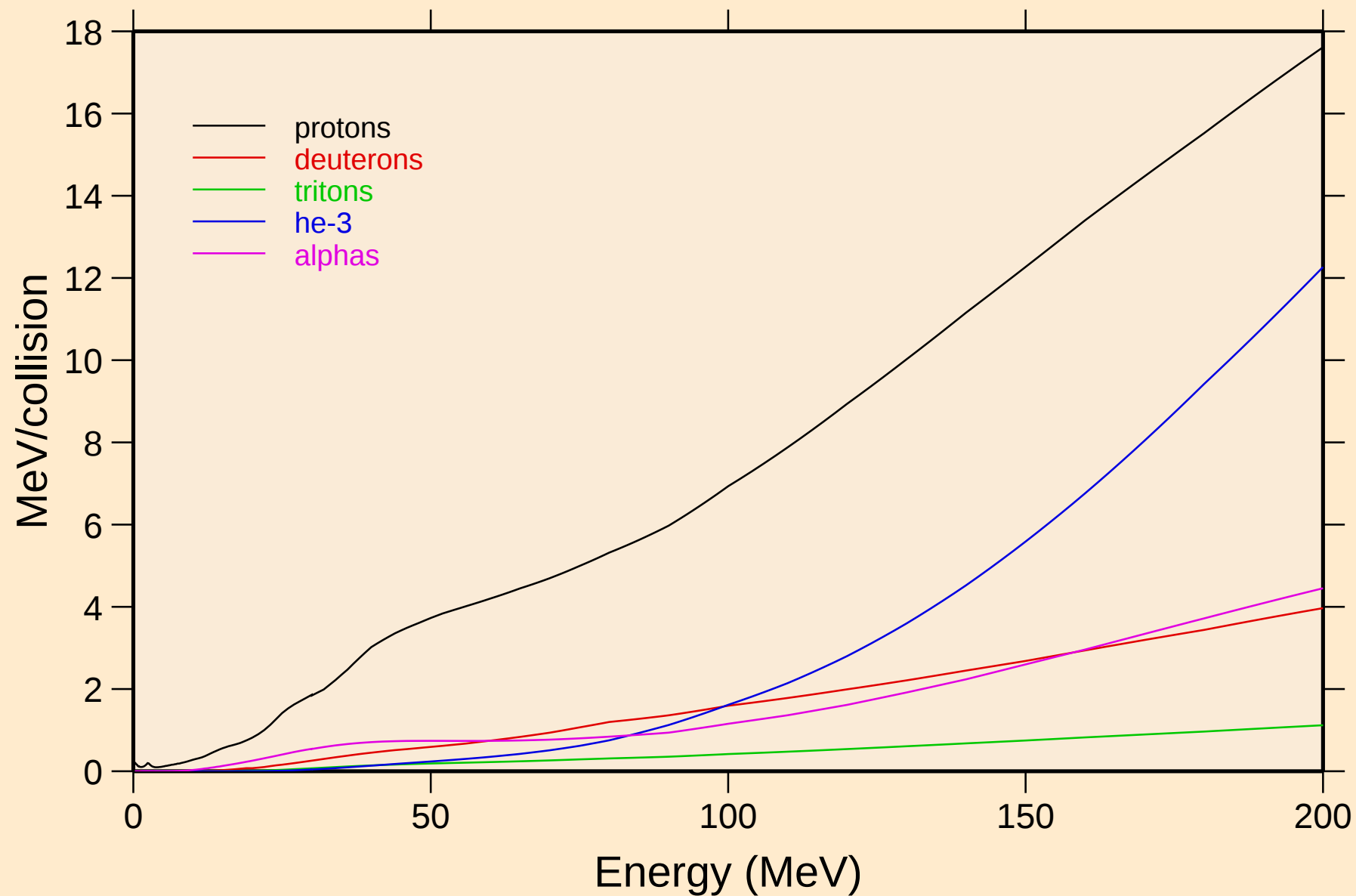


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

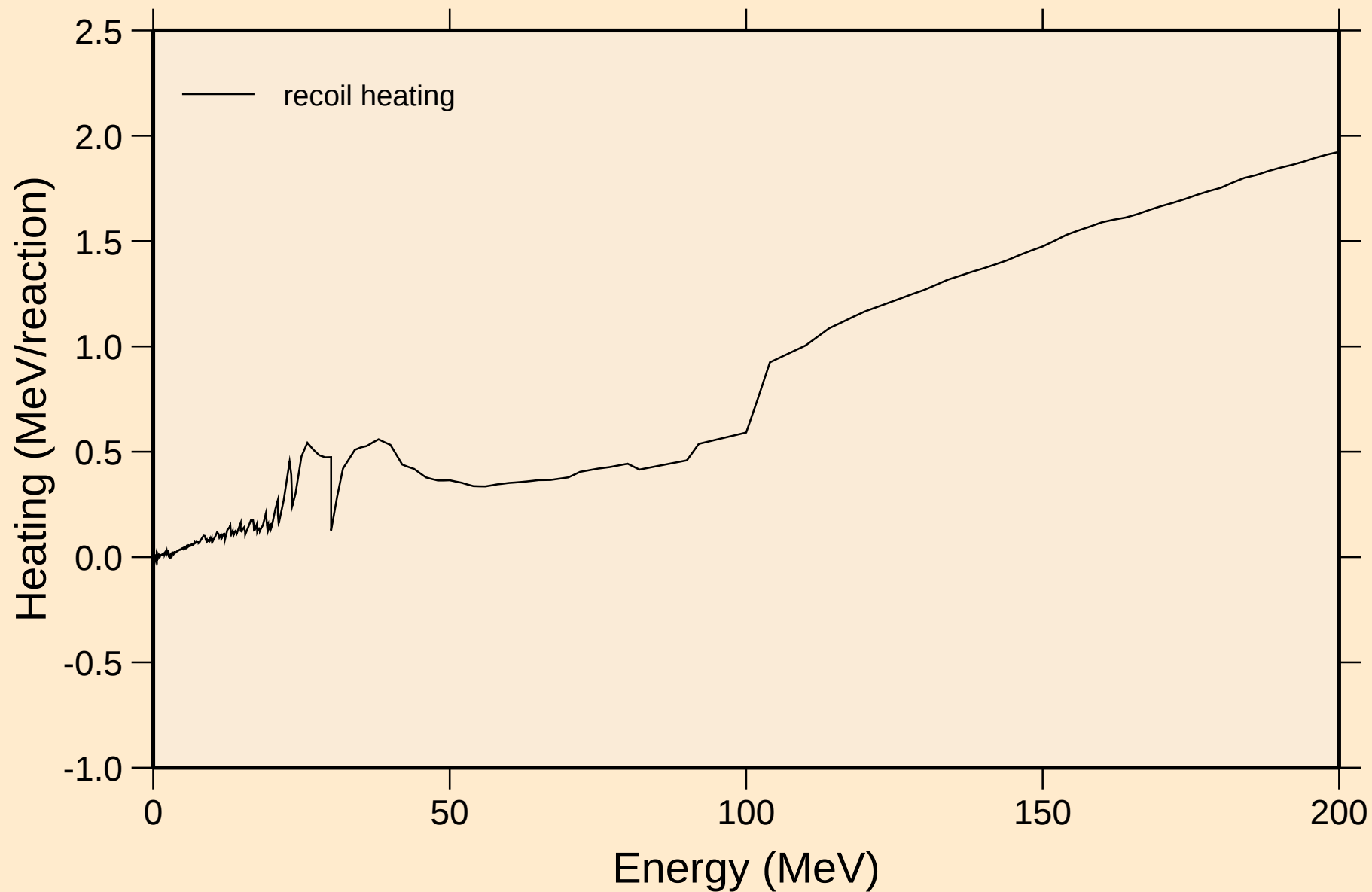


EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

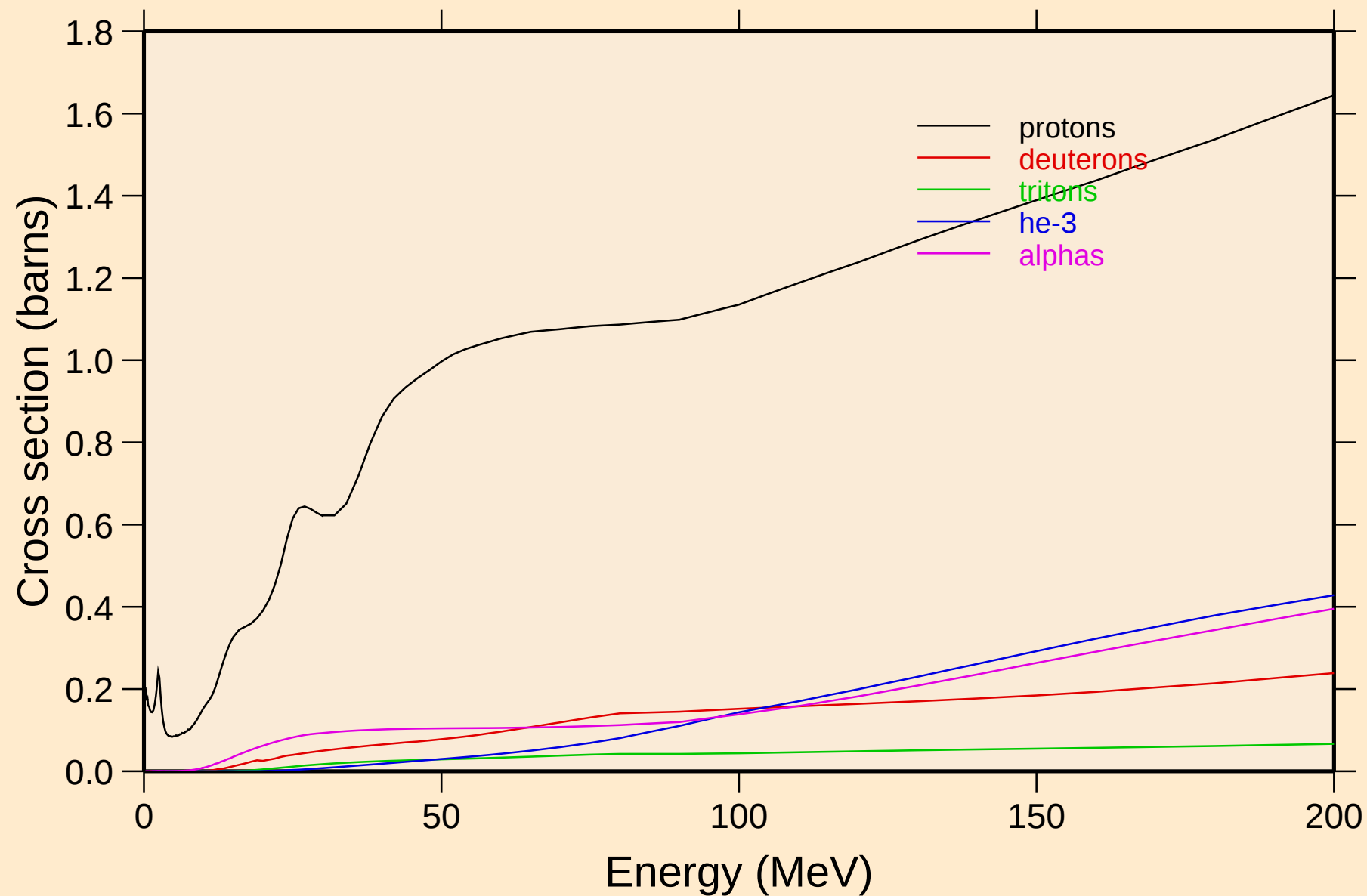
Particle heating contributions



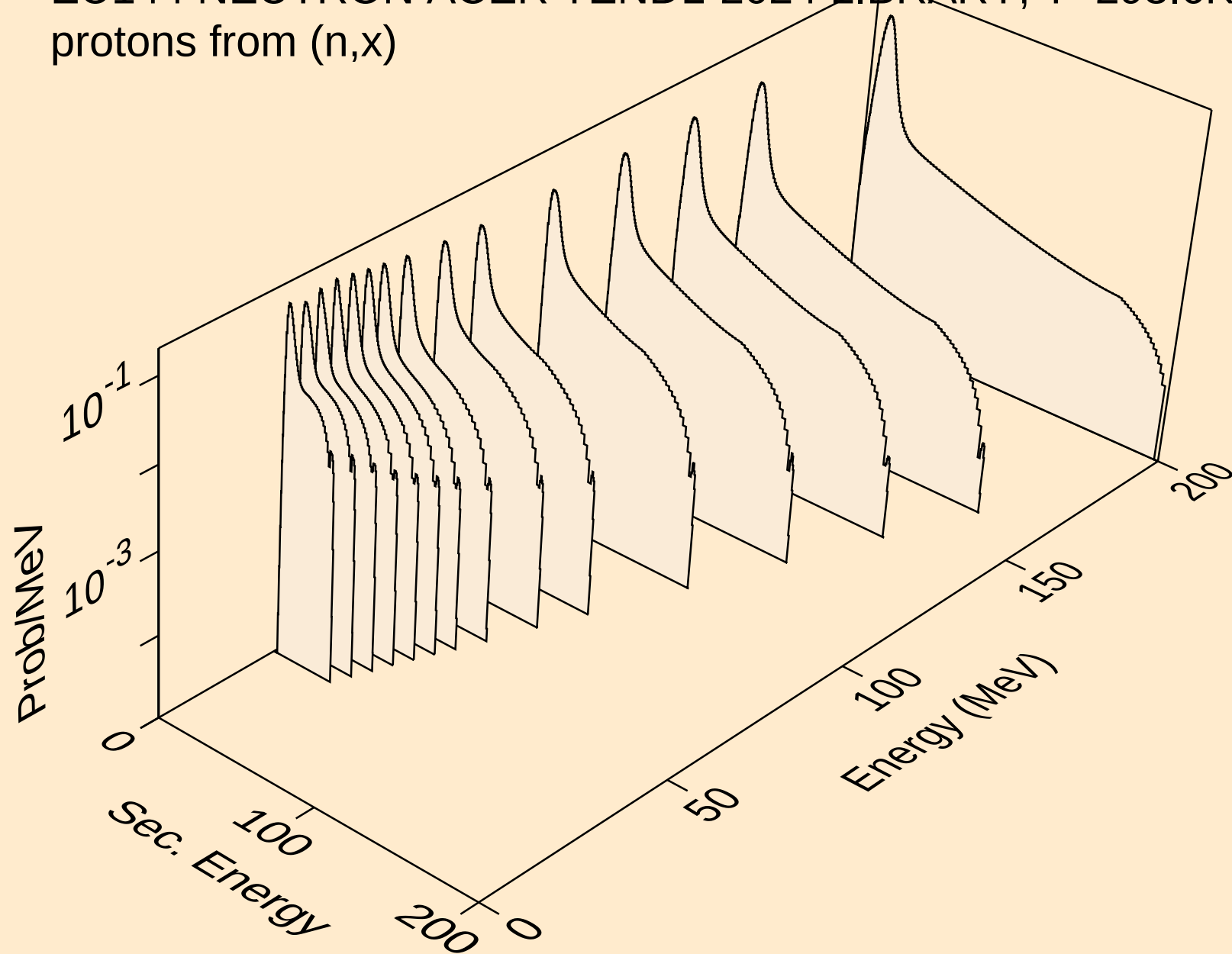
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



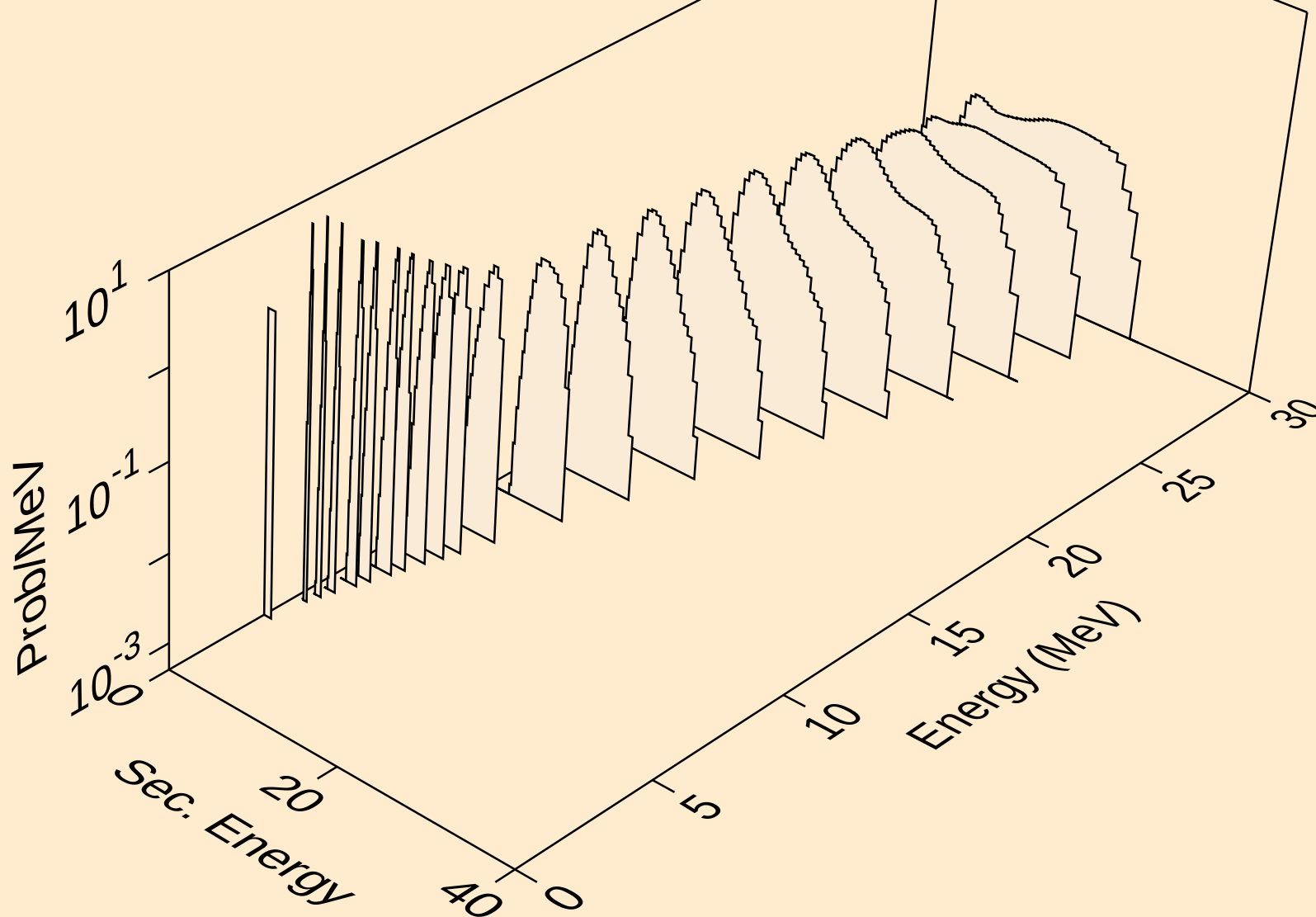
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



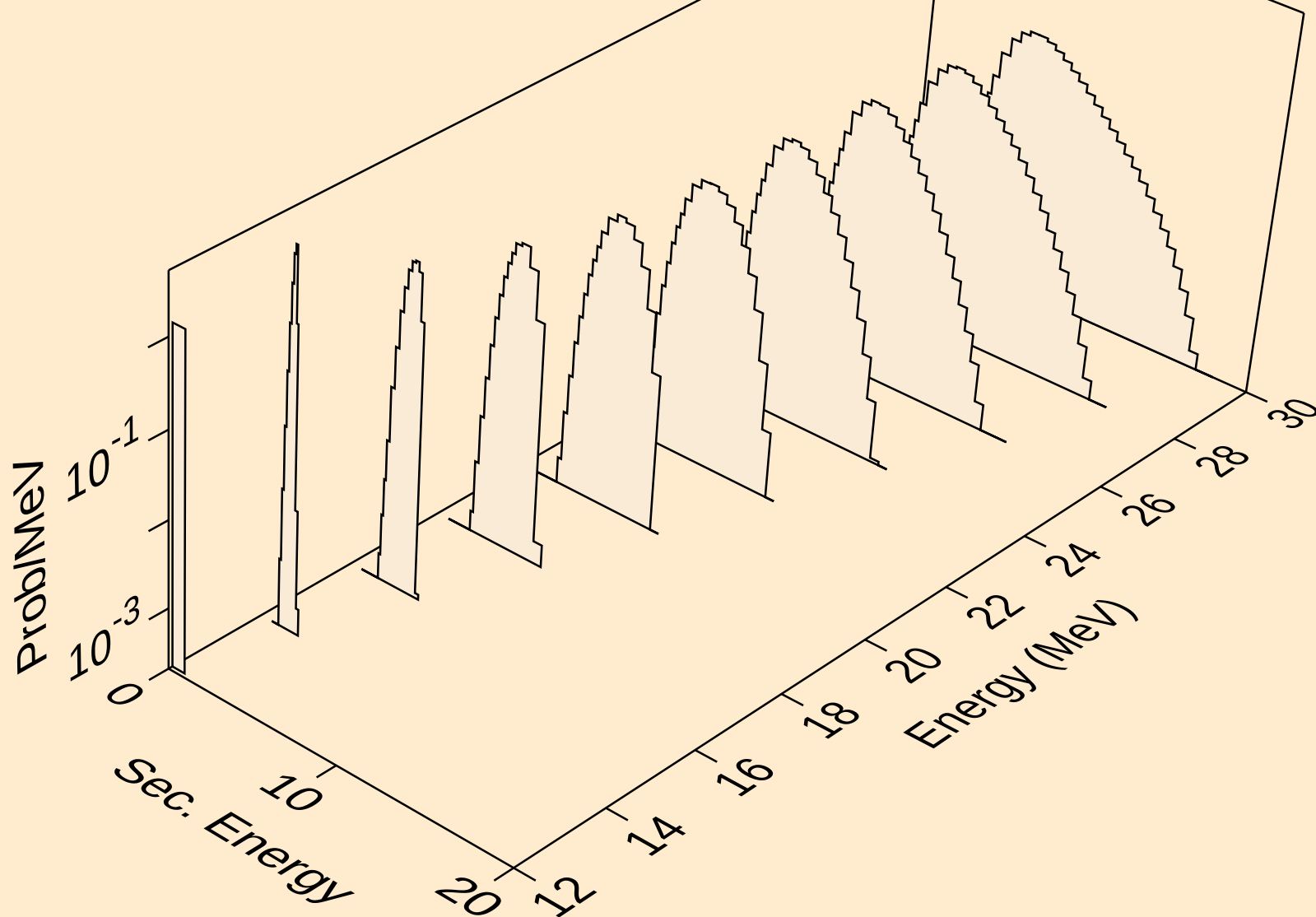
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



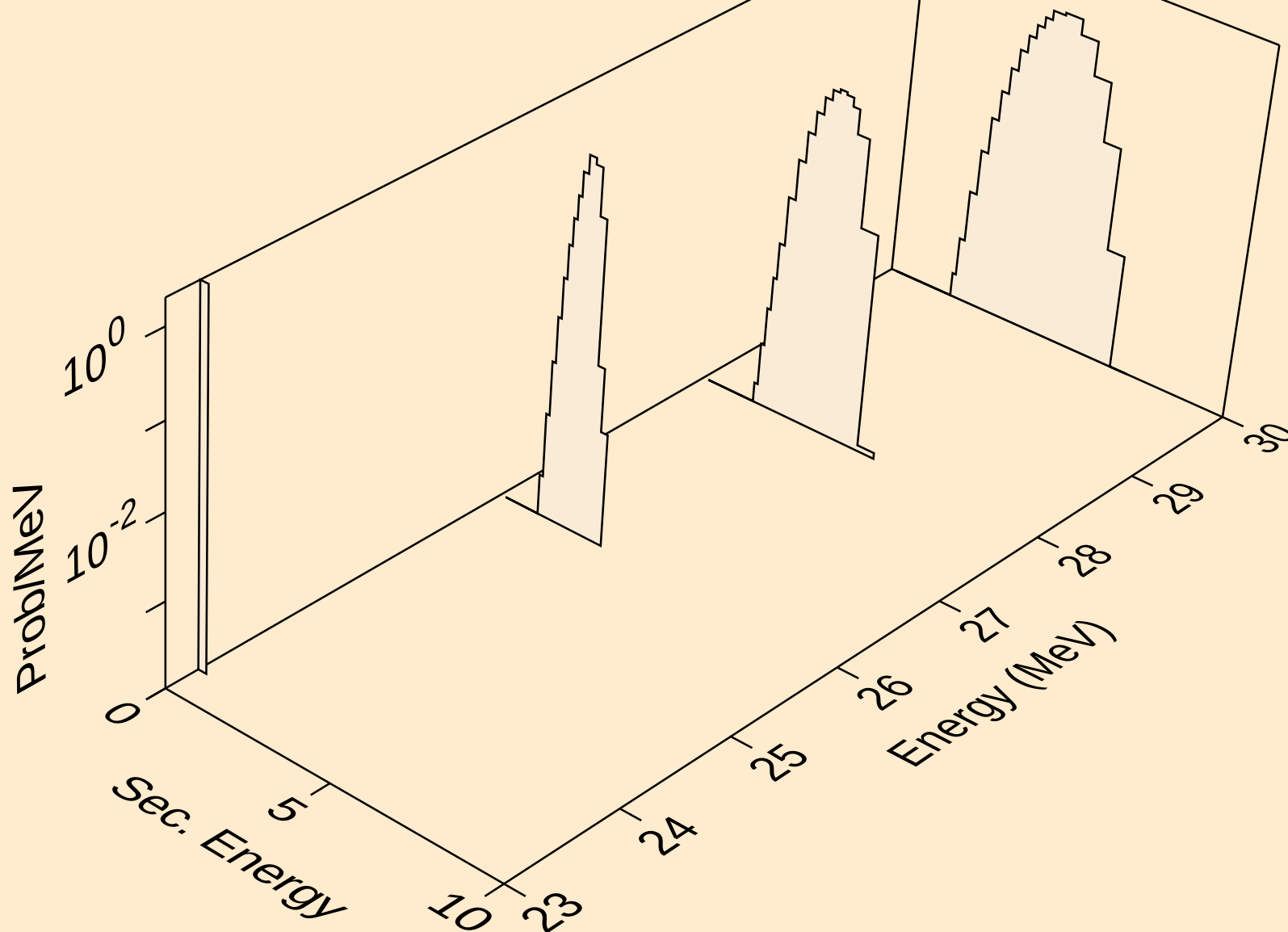
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



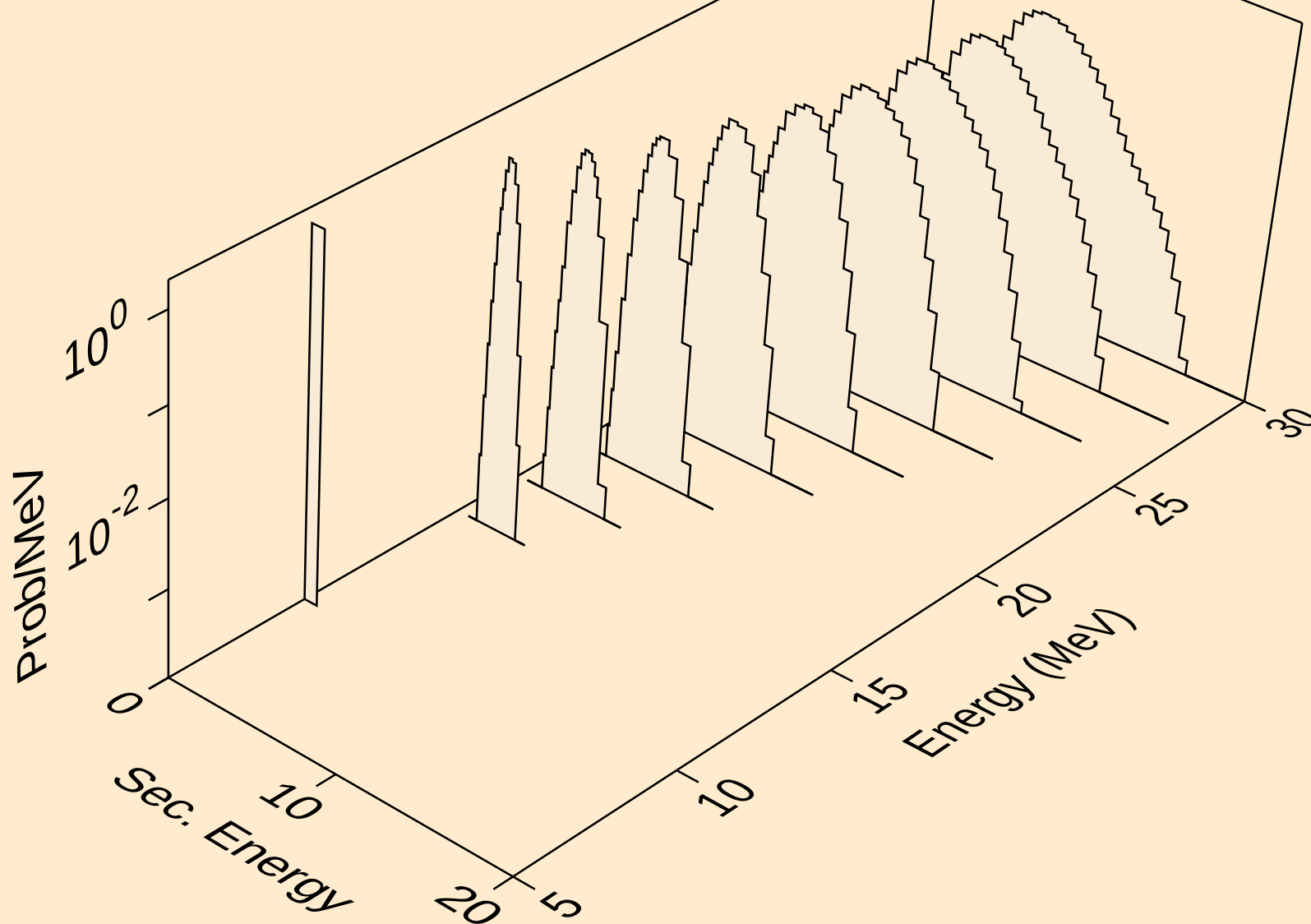
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



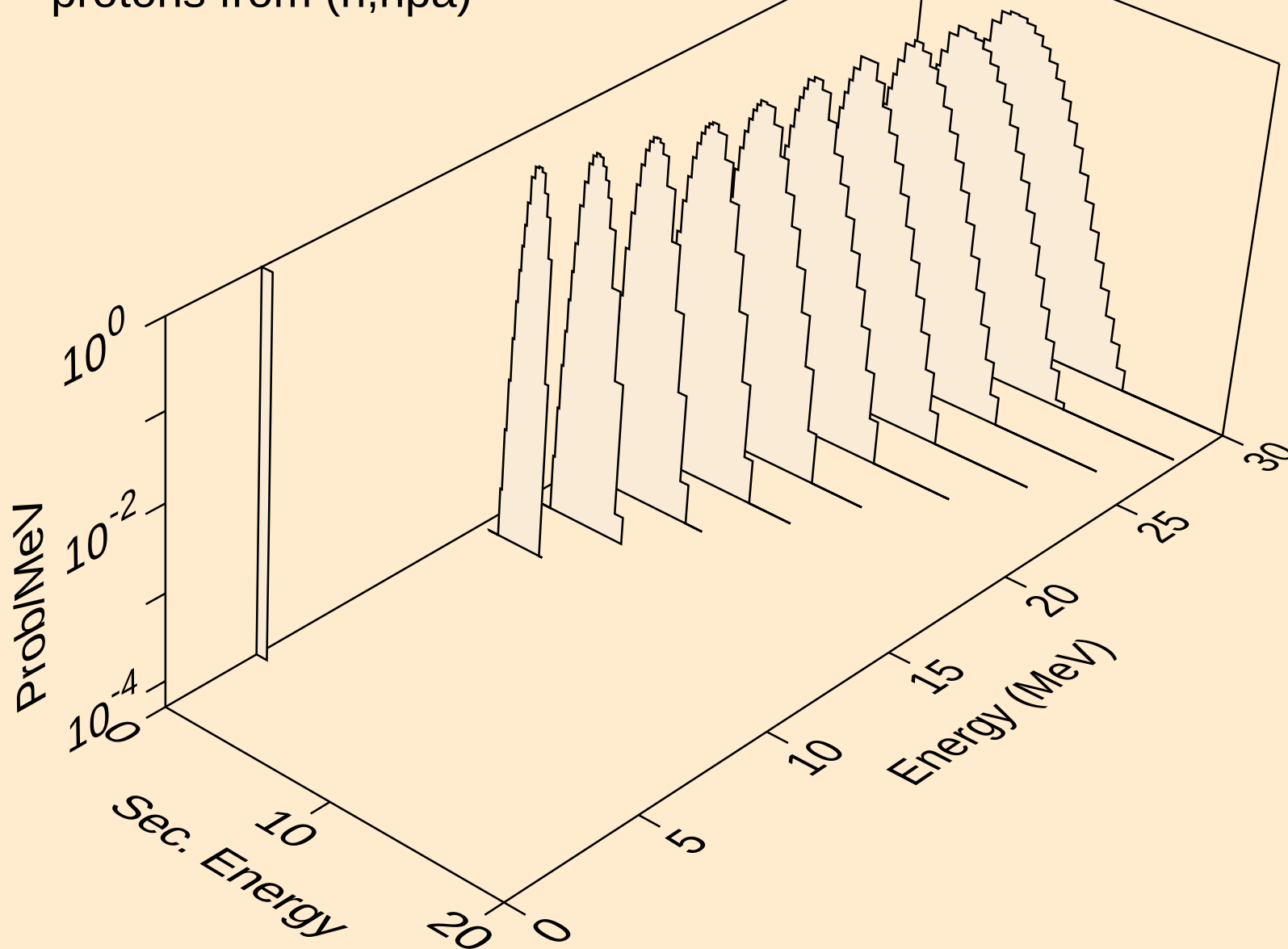
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



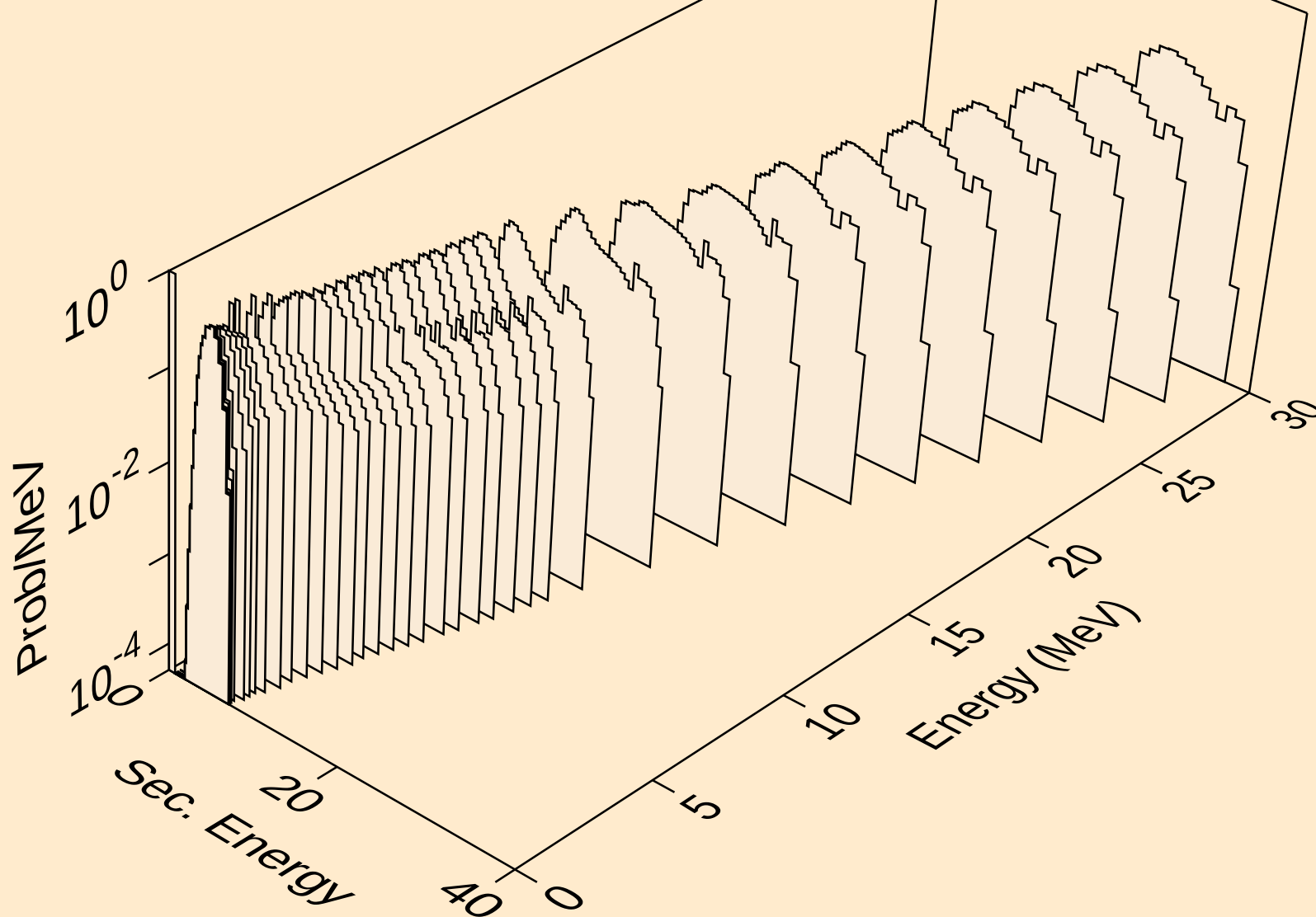
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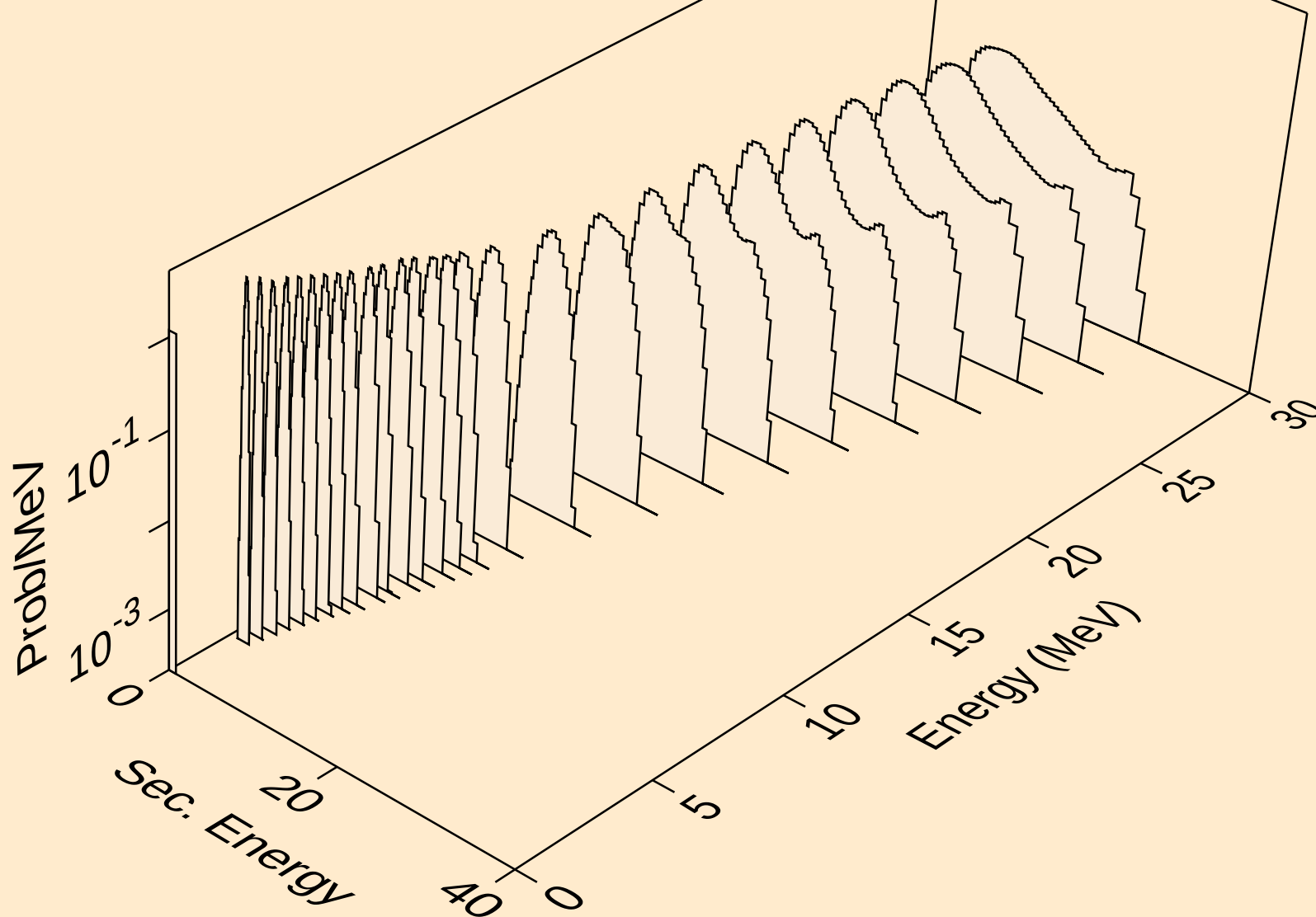
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protons from (n,npa)



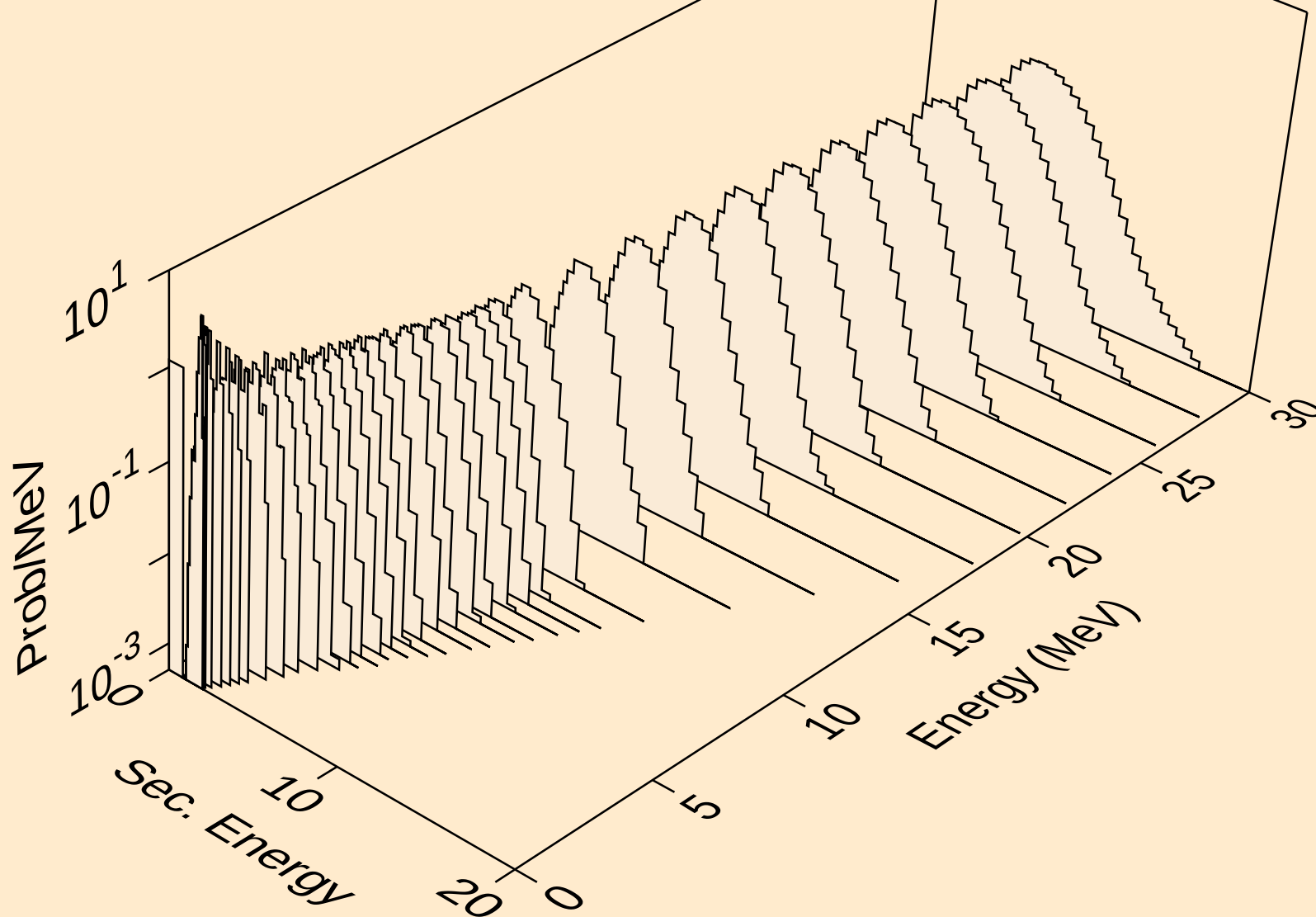
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protons from (n,p)



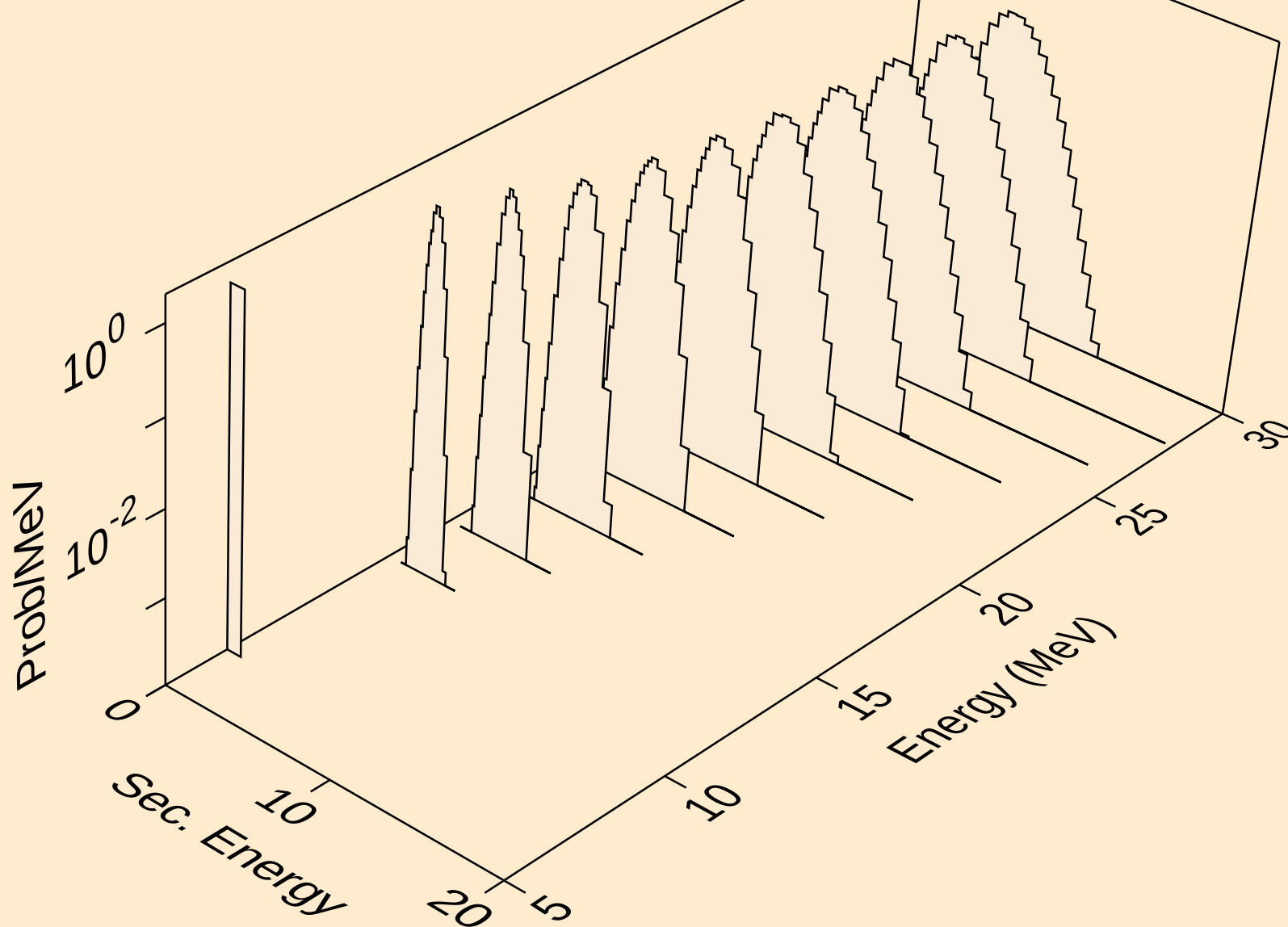
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protons from (n,2p)



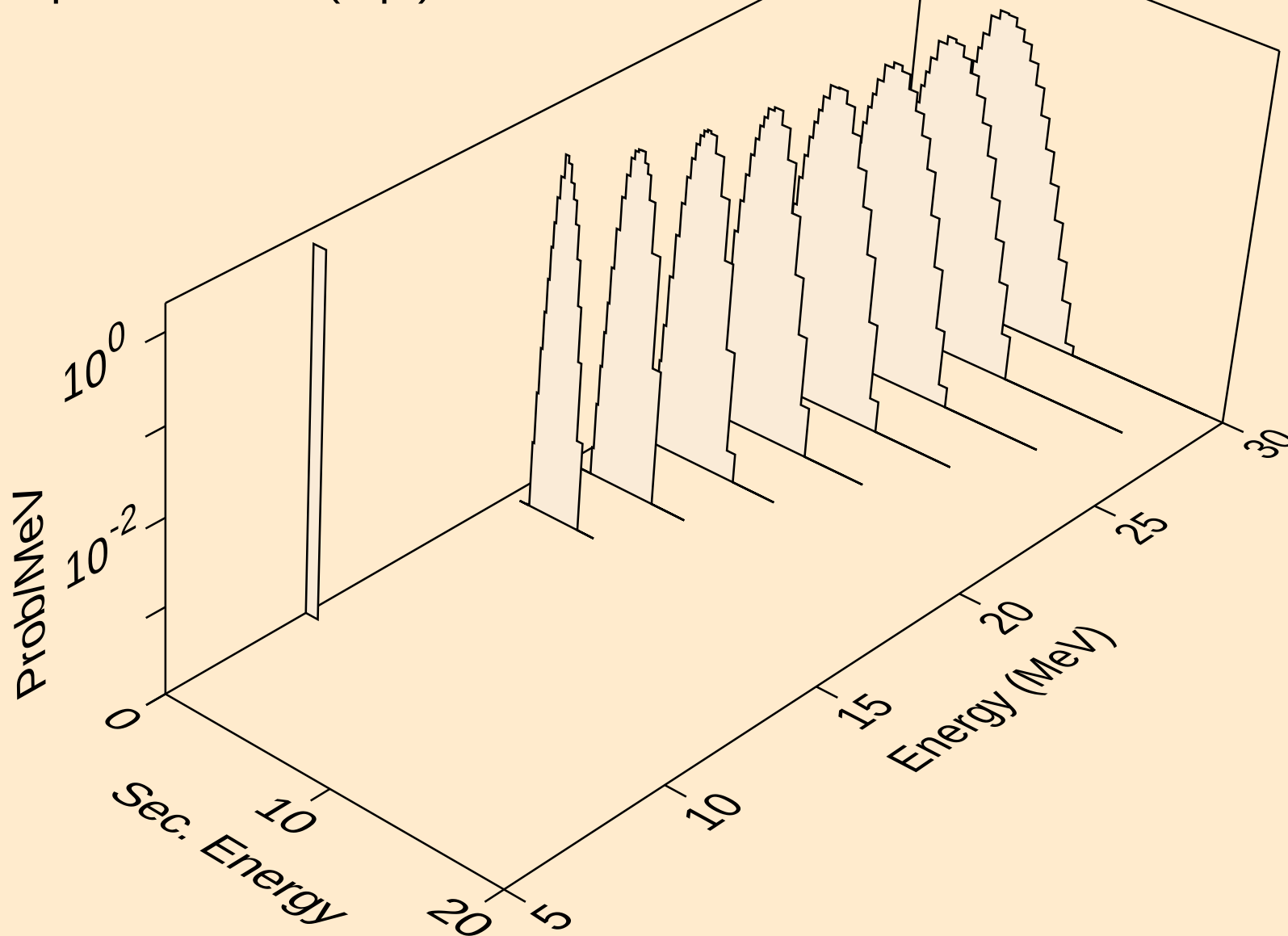
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protons from (n,p)



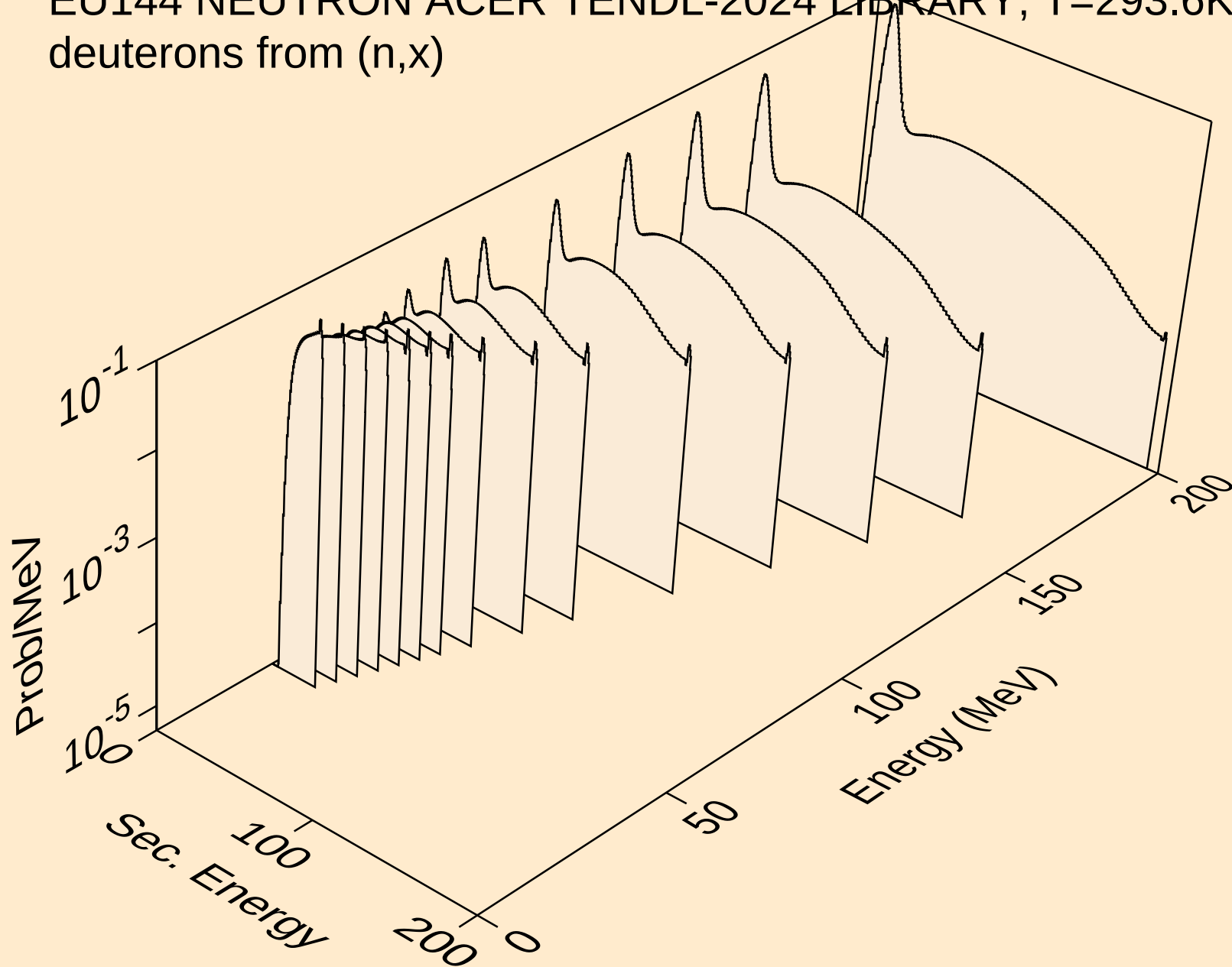
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protons from (n,pd)



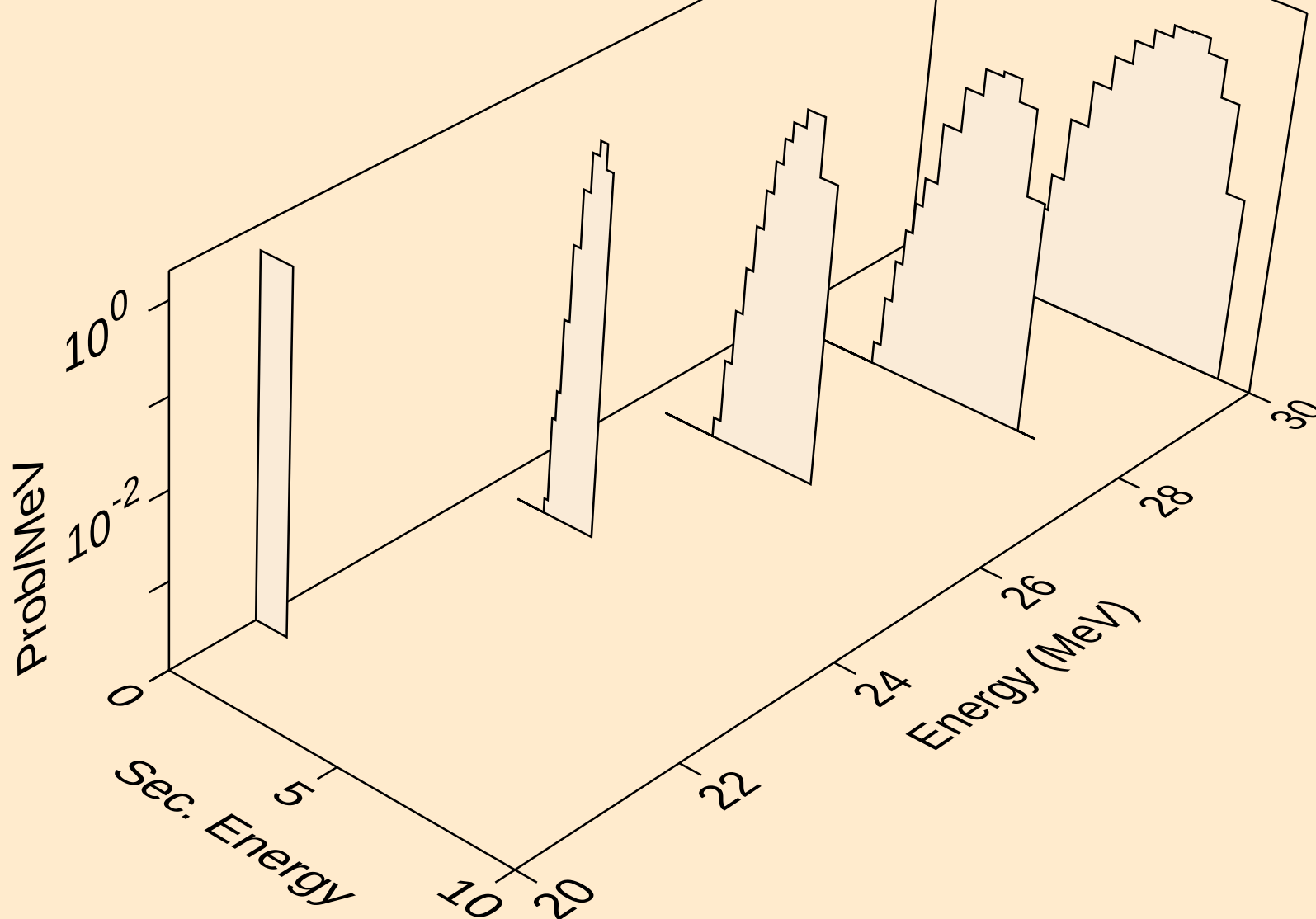
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protons from (n,pt)



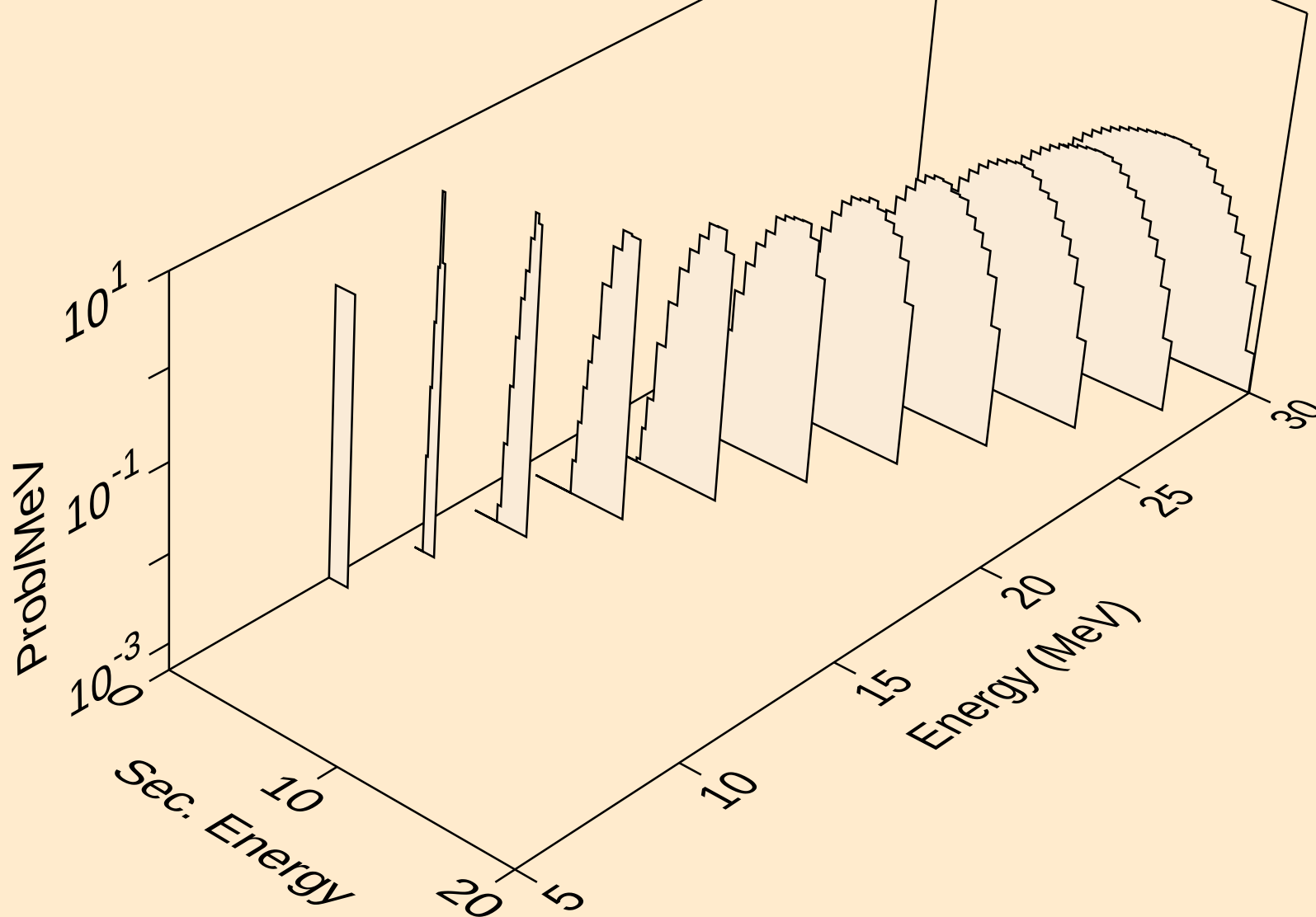
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



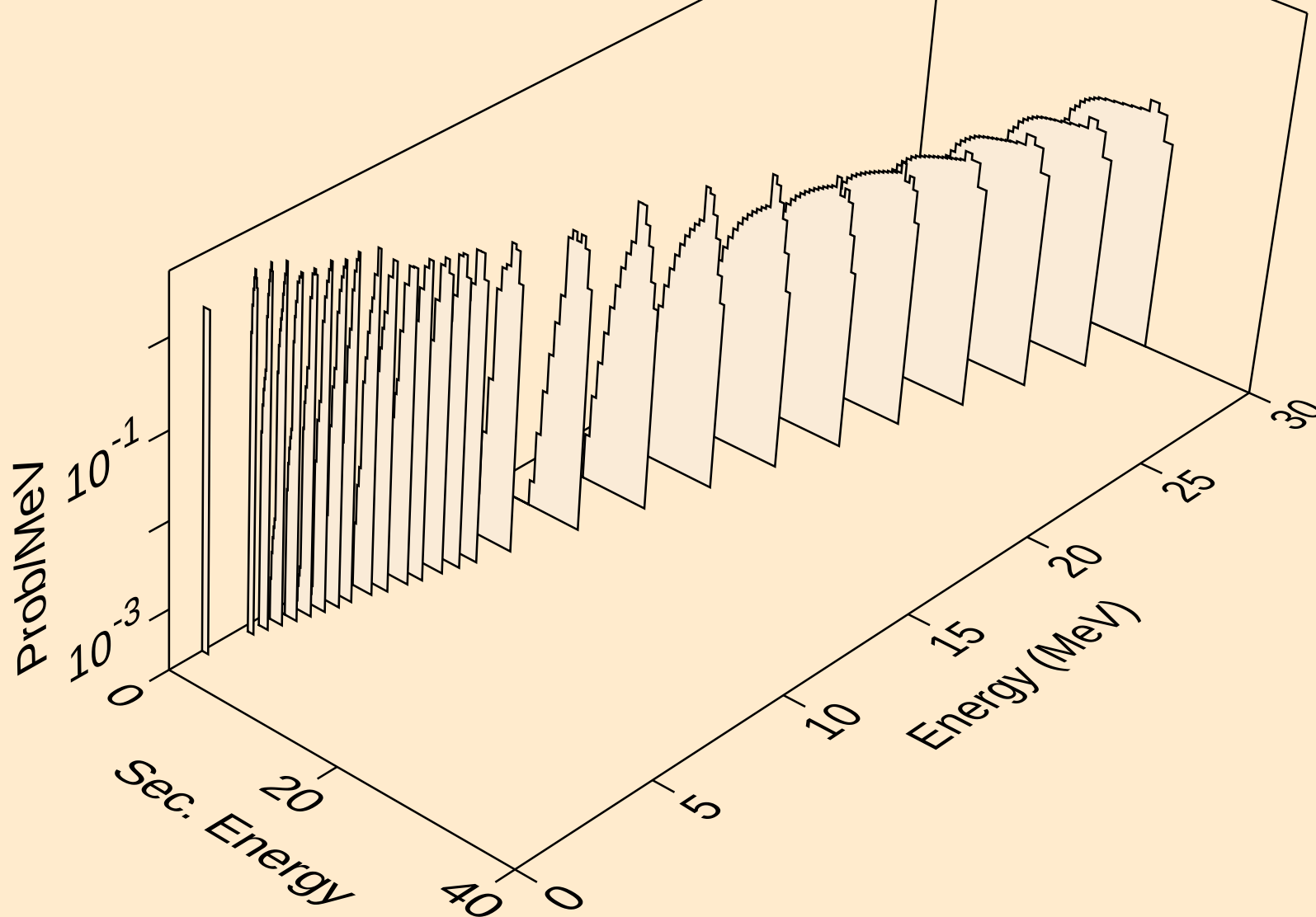
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deuterons from (n,2nd)



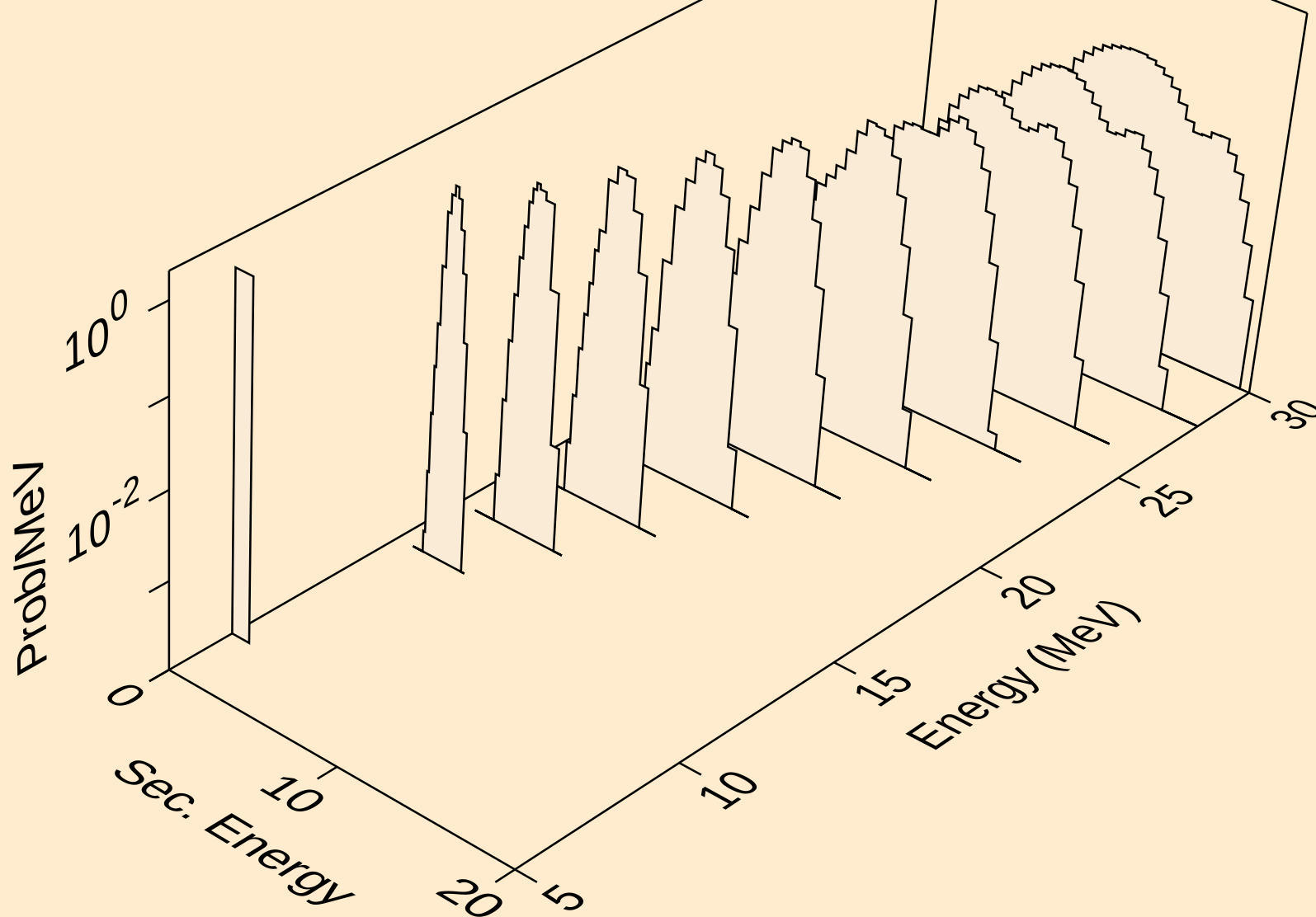
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deuterons from (n,n*)d



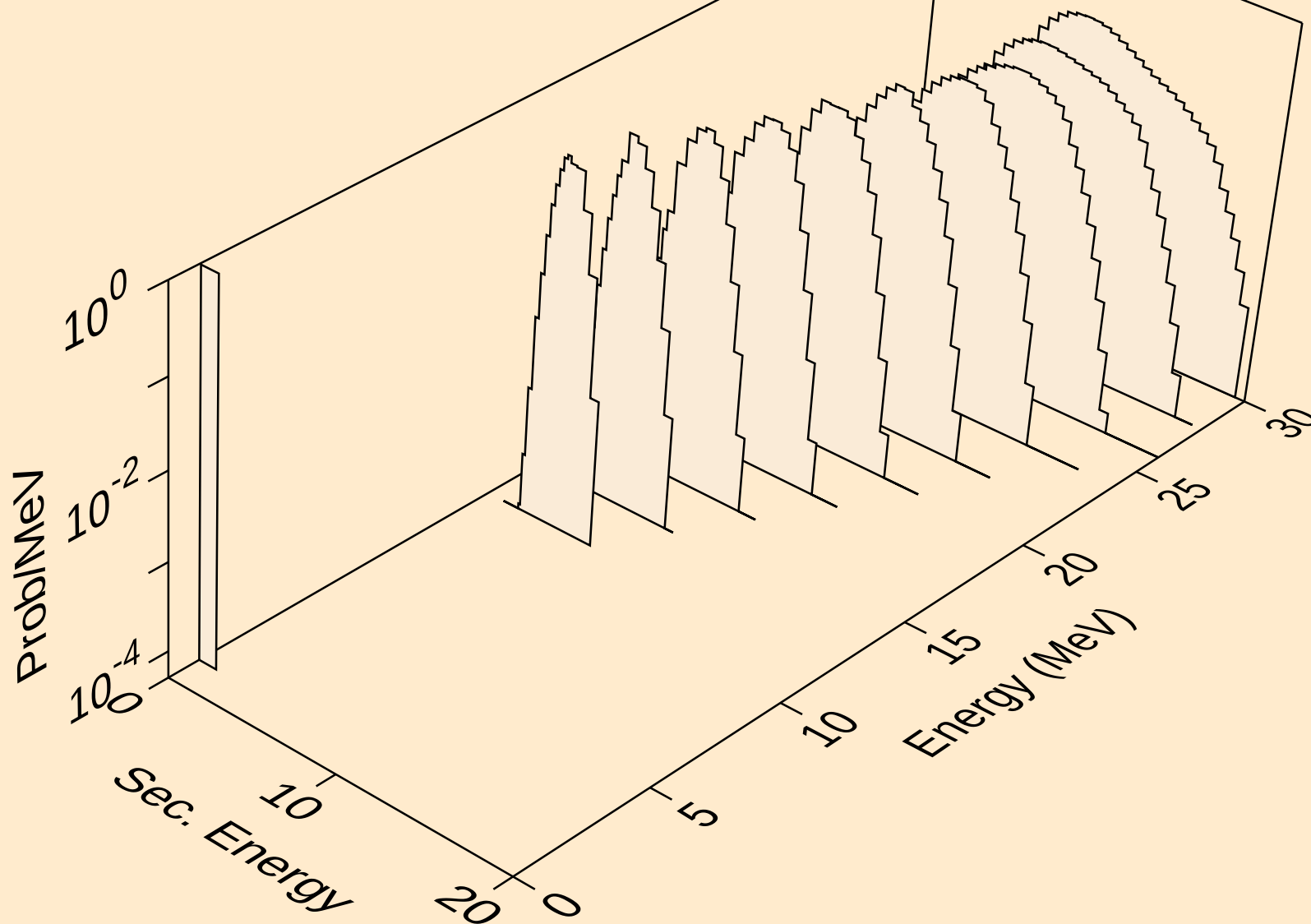
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deuterons from (n,d)



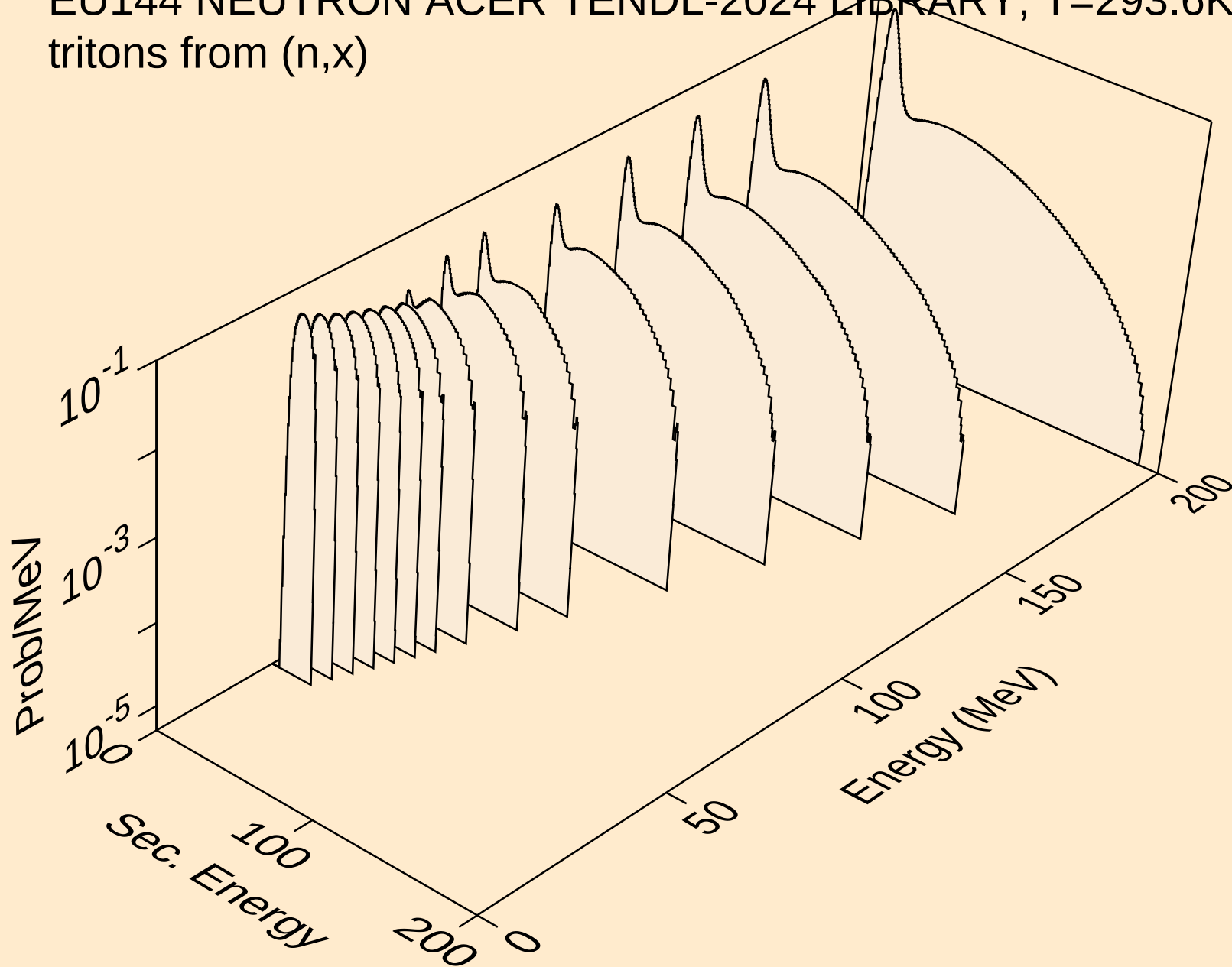
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deuterons from (n,pd)



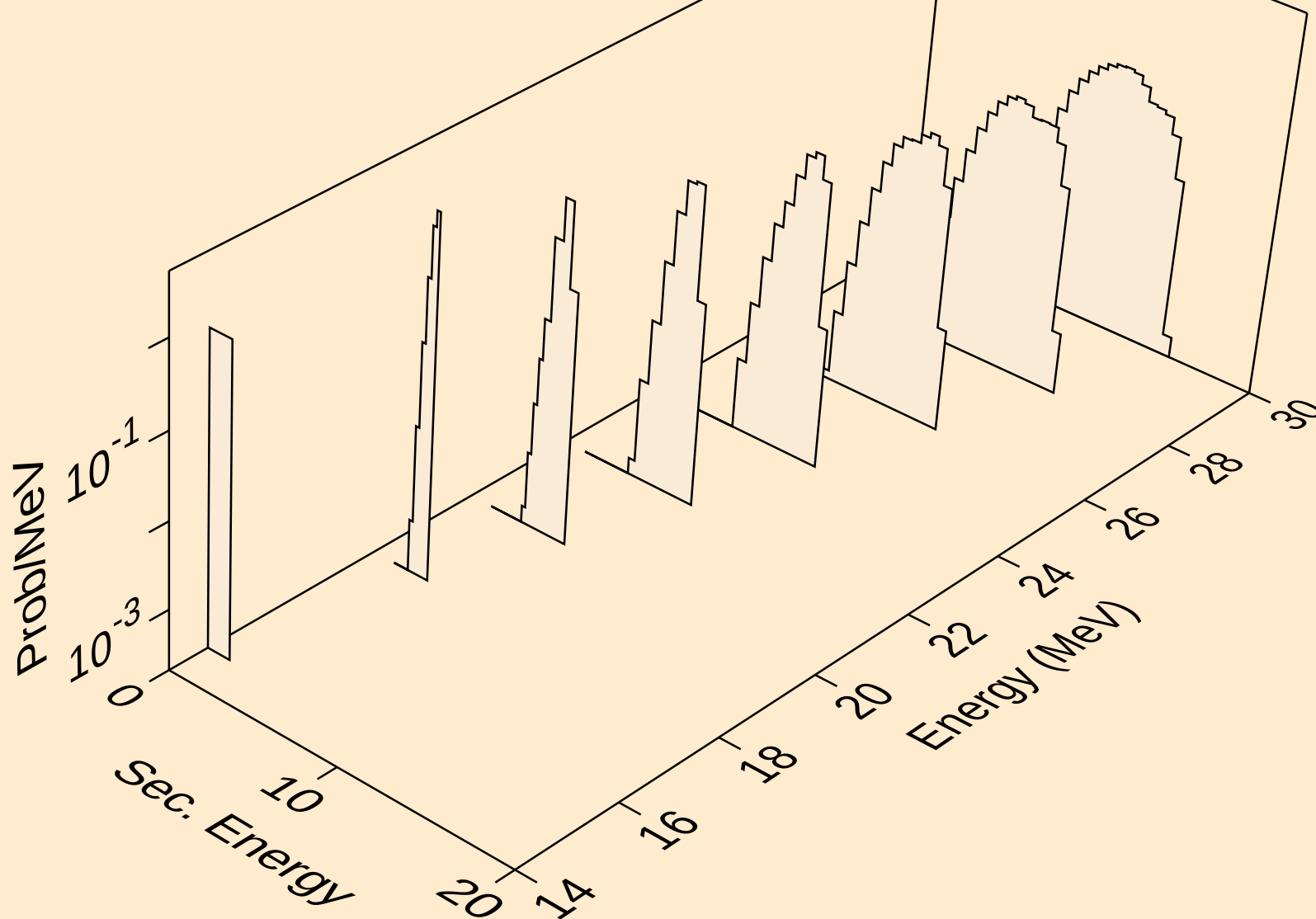
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deuterons from (n,da)



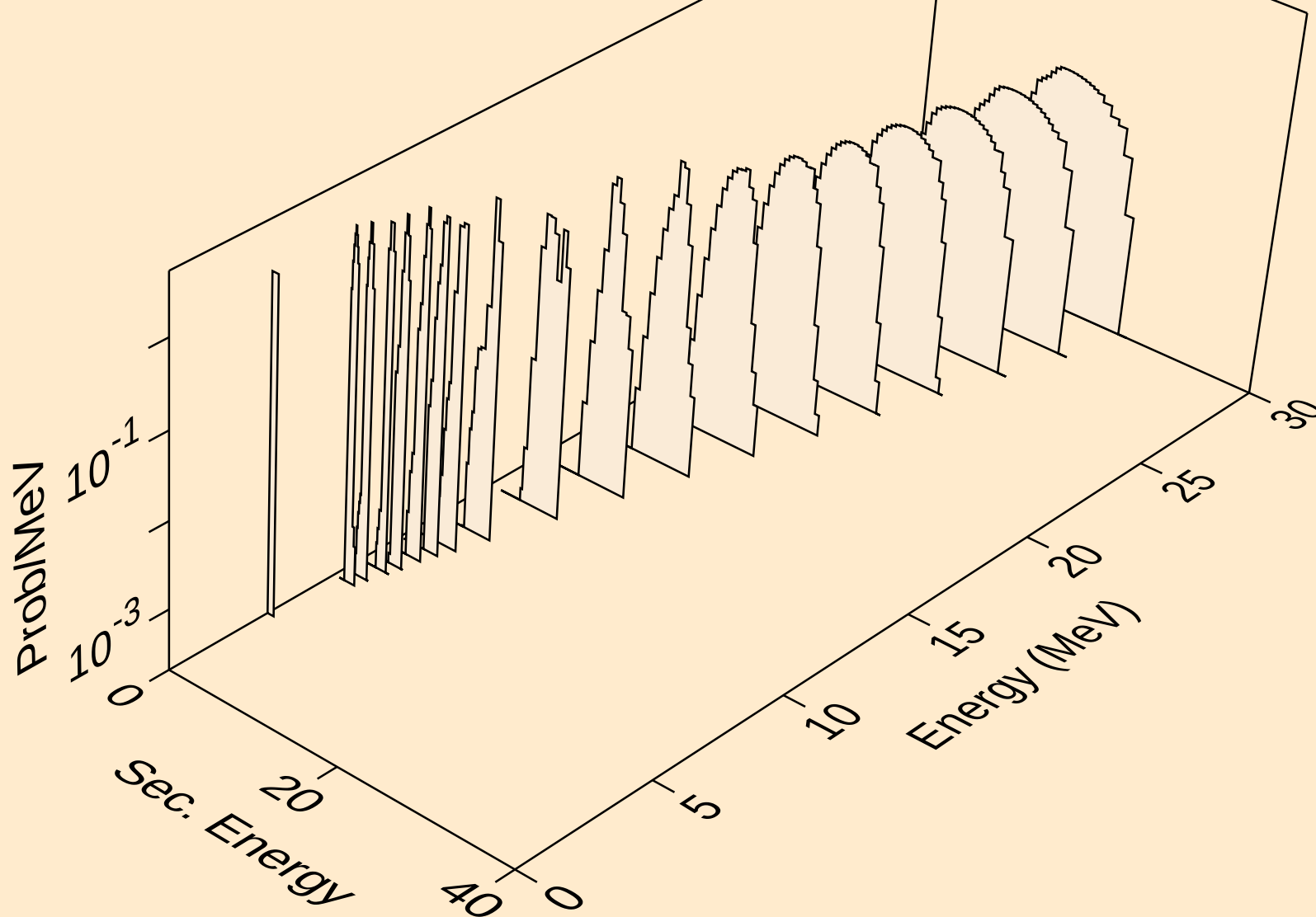
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



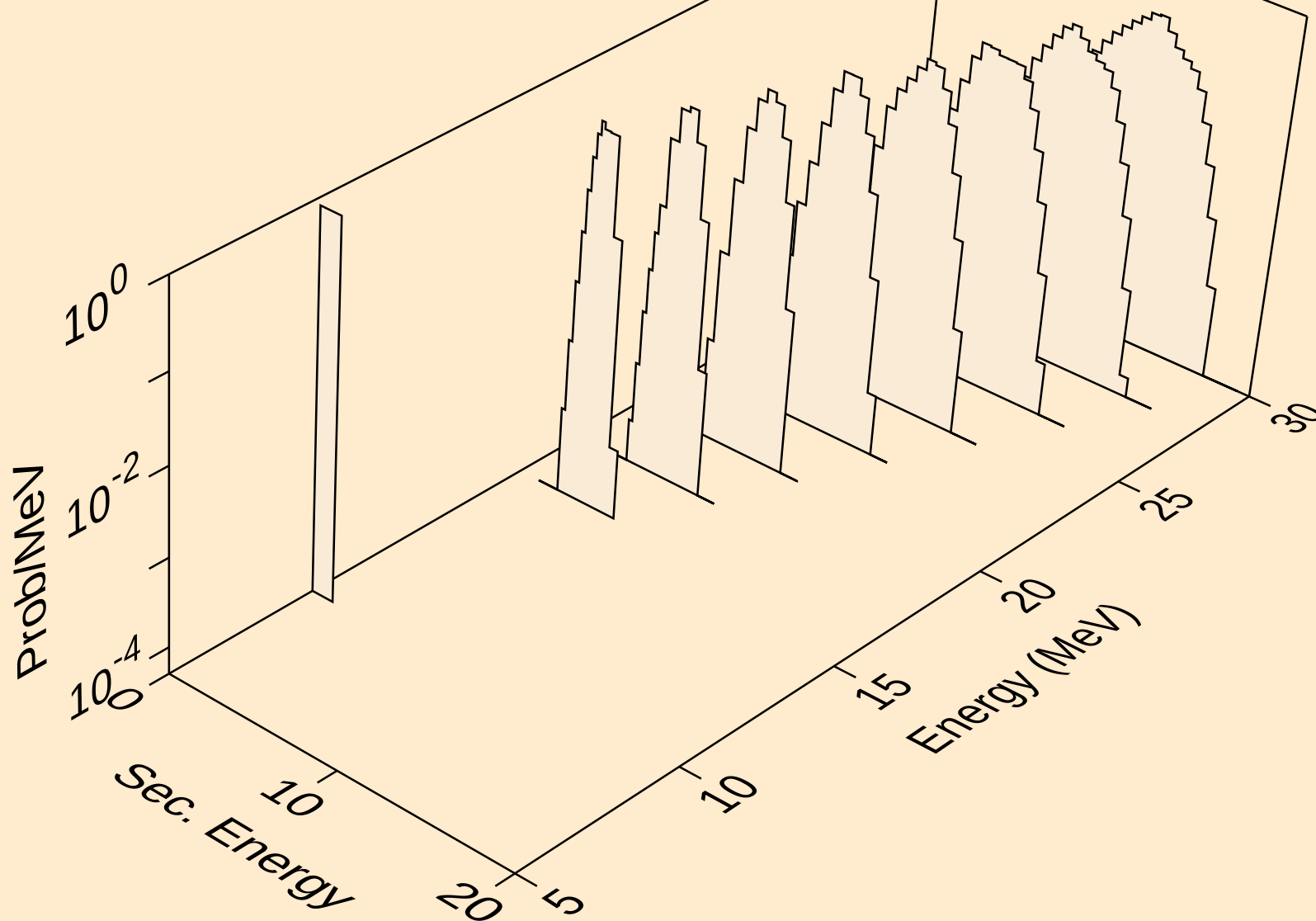
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



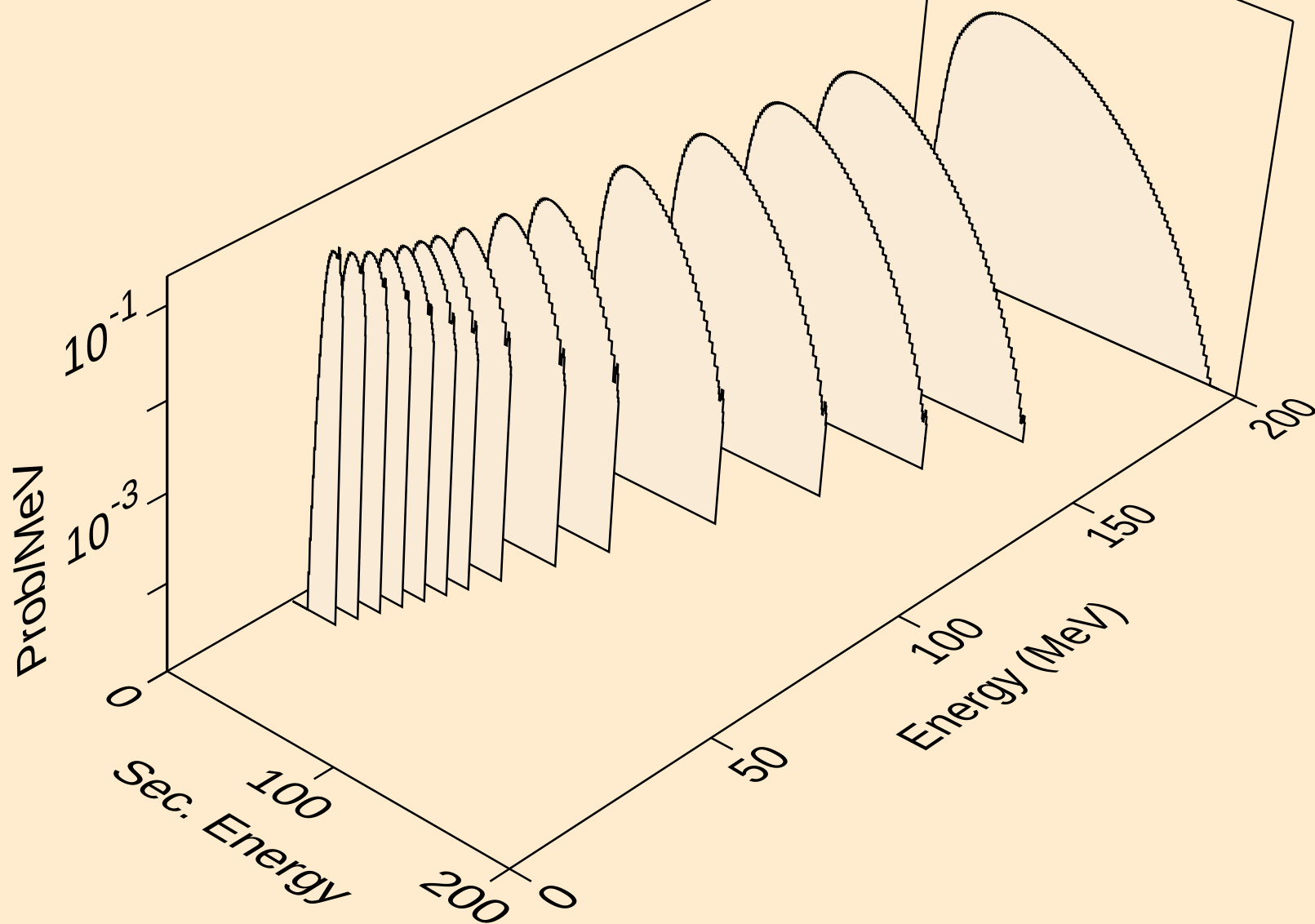
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tritons from (n,t)



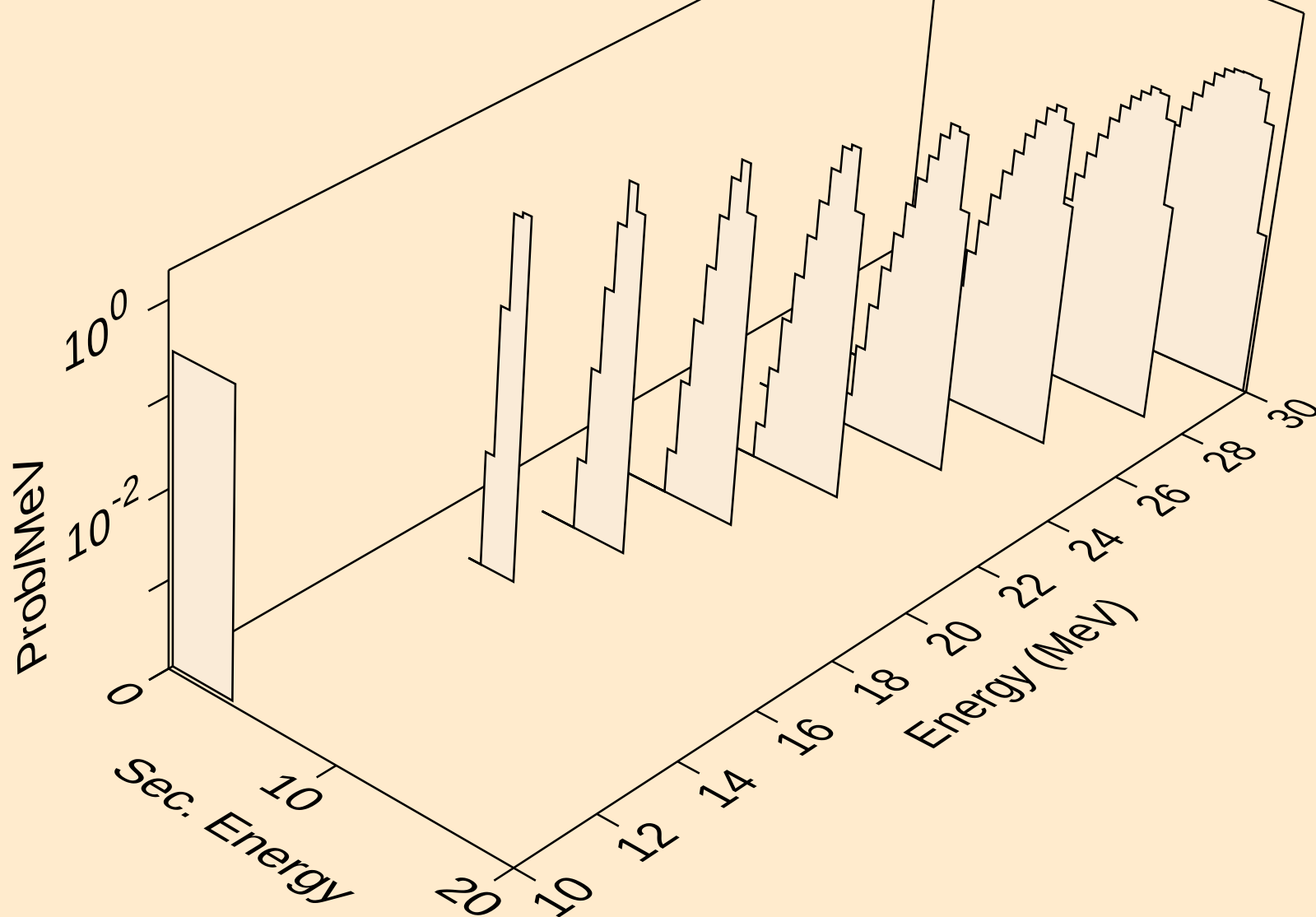
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



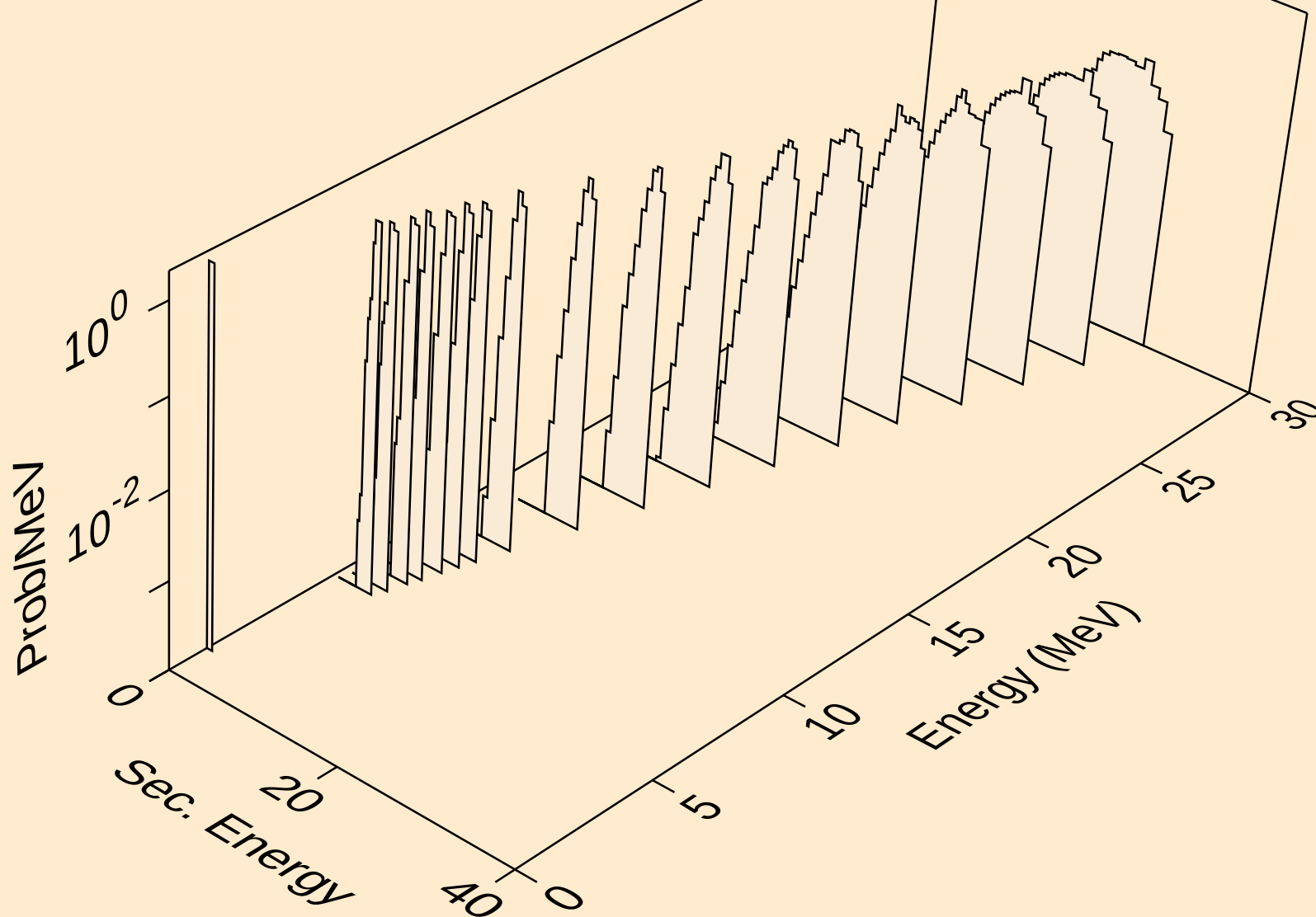
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



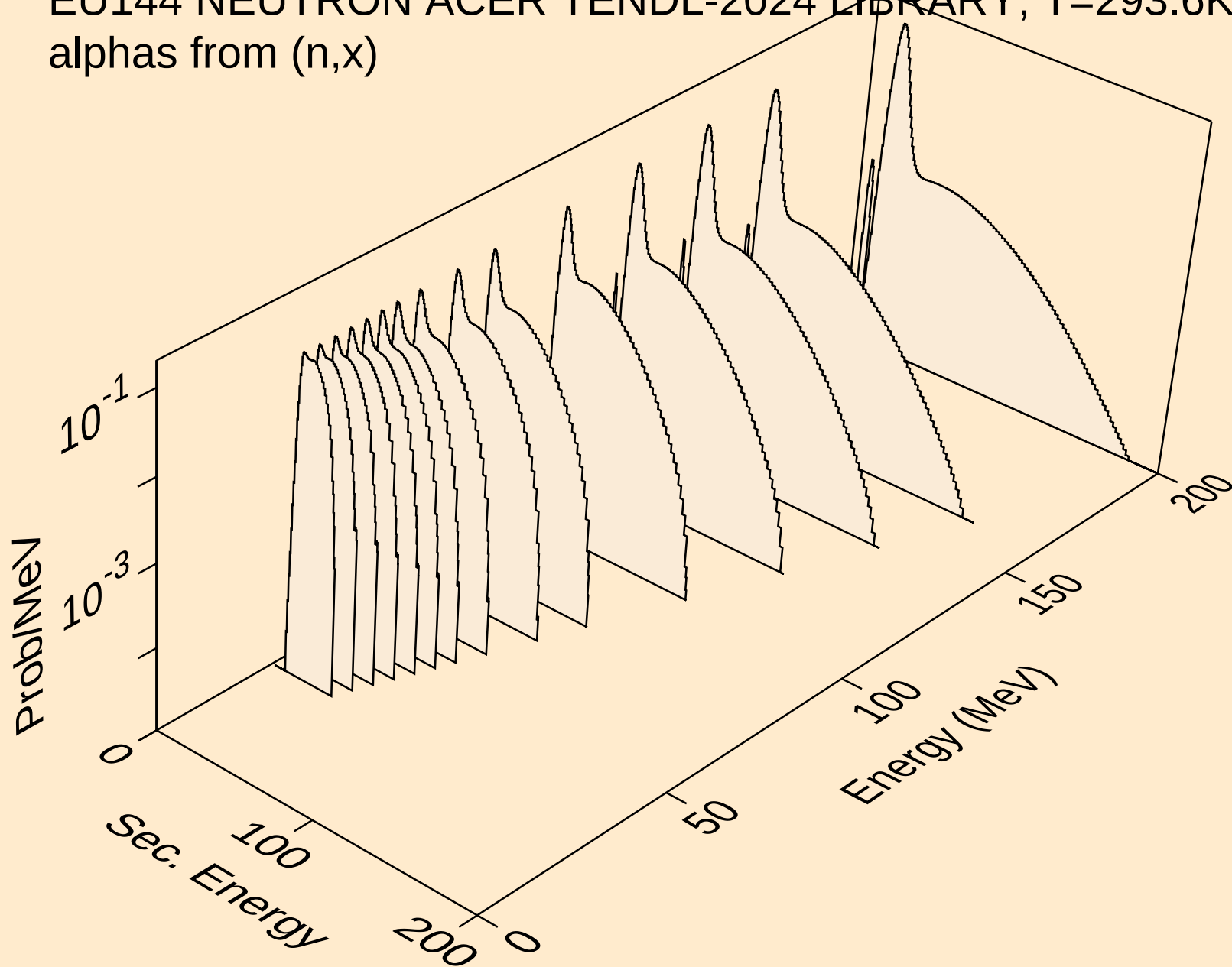
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



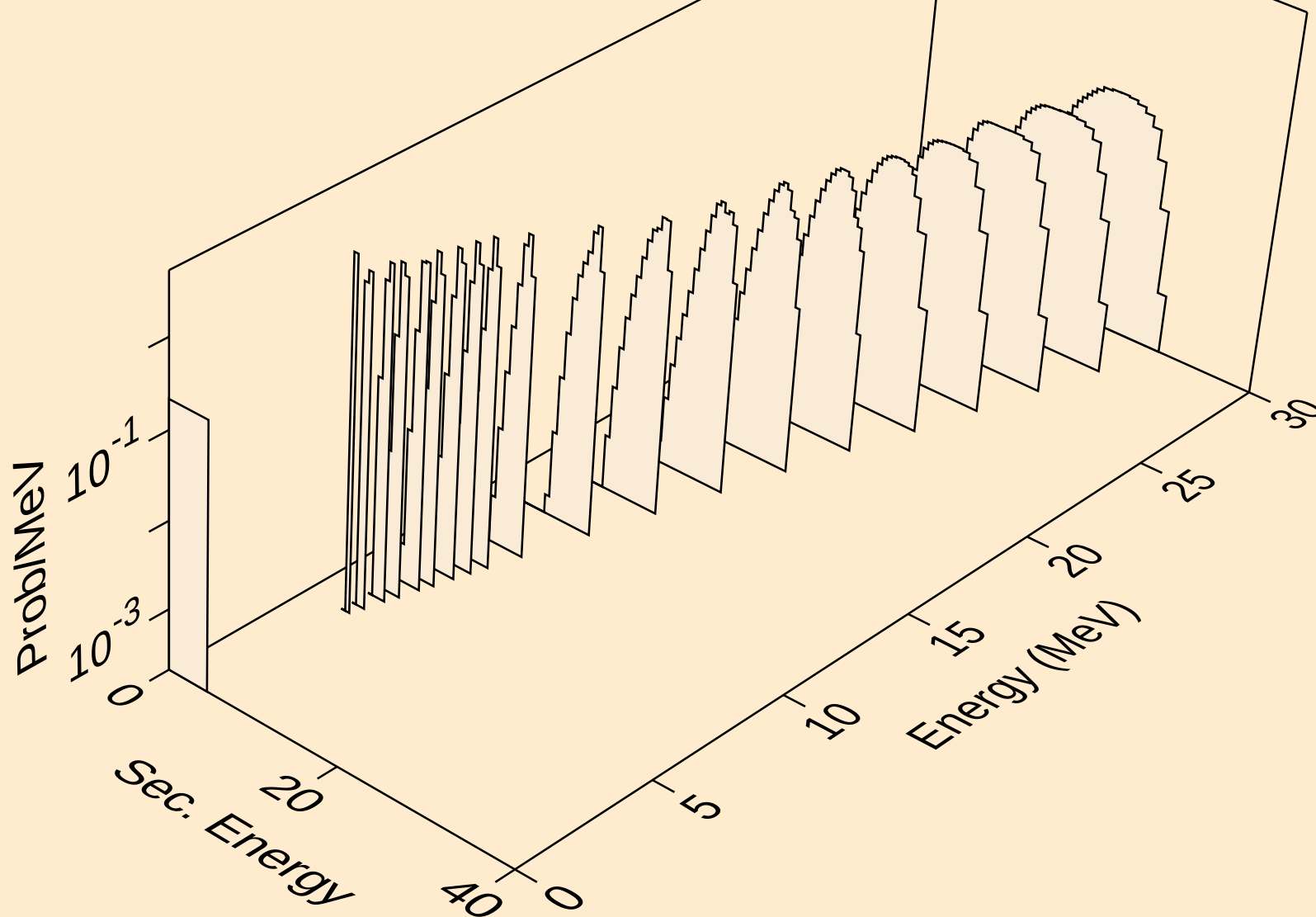
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he3s from (n,he3)



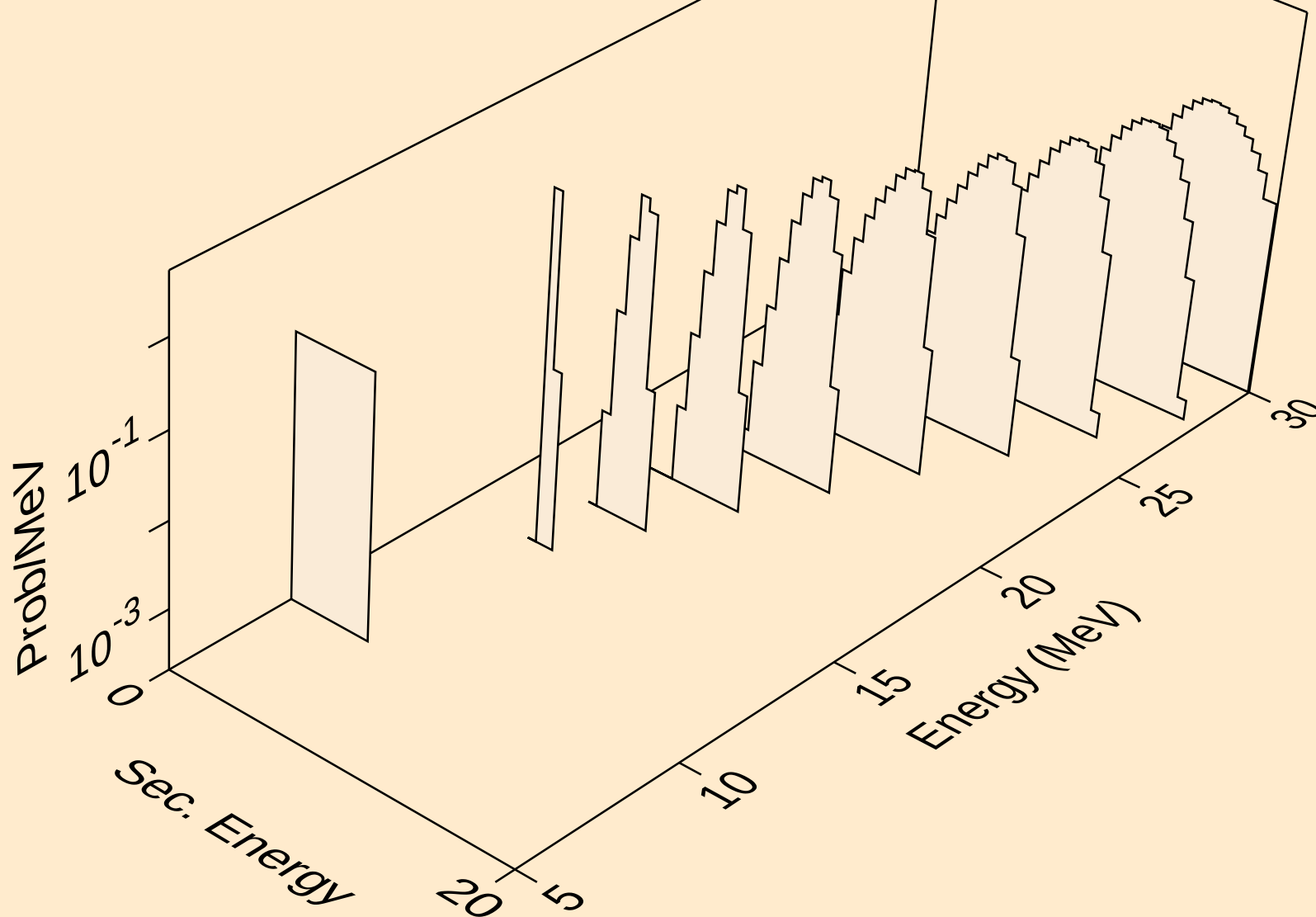
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



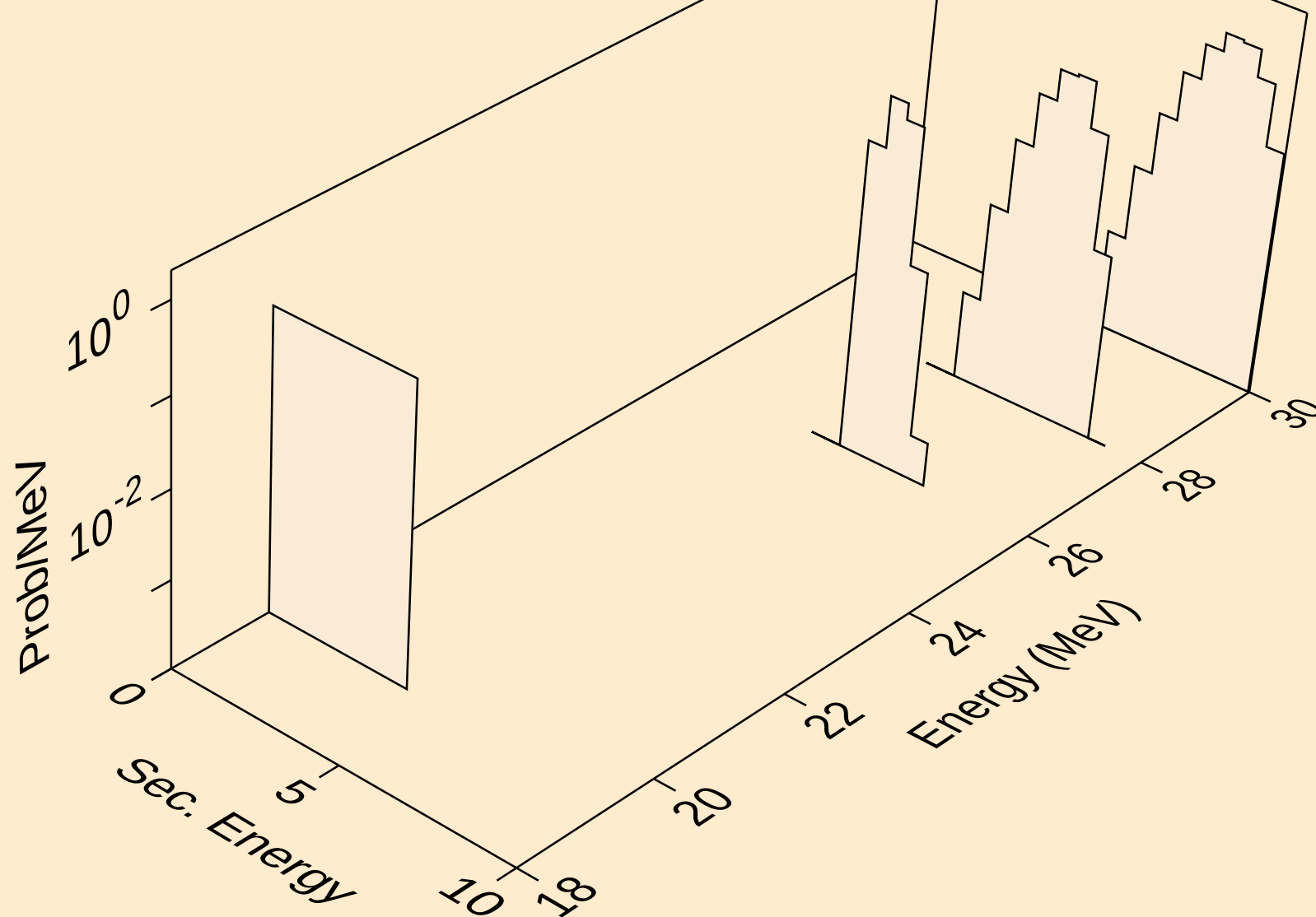
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



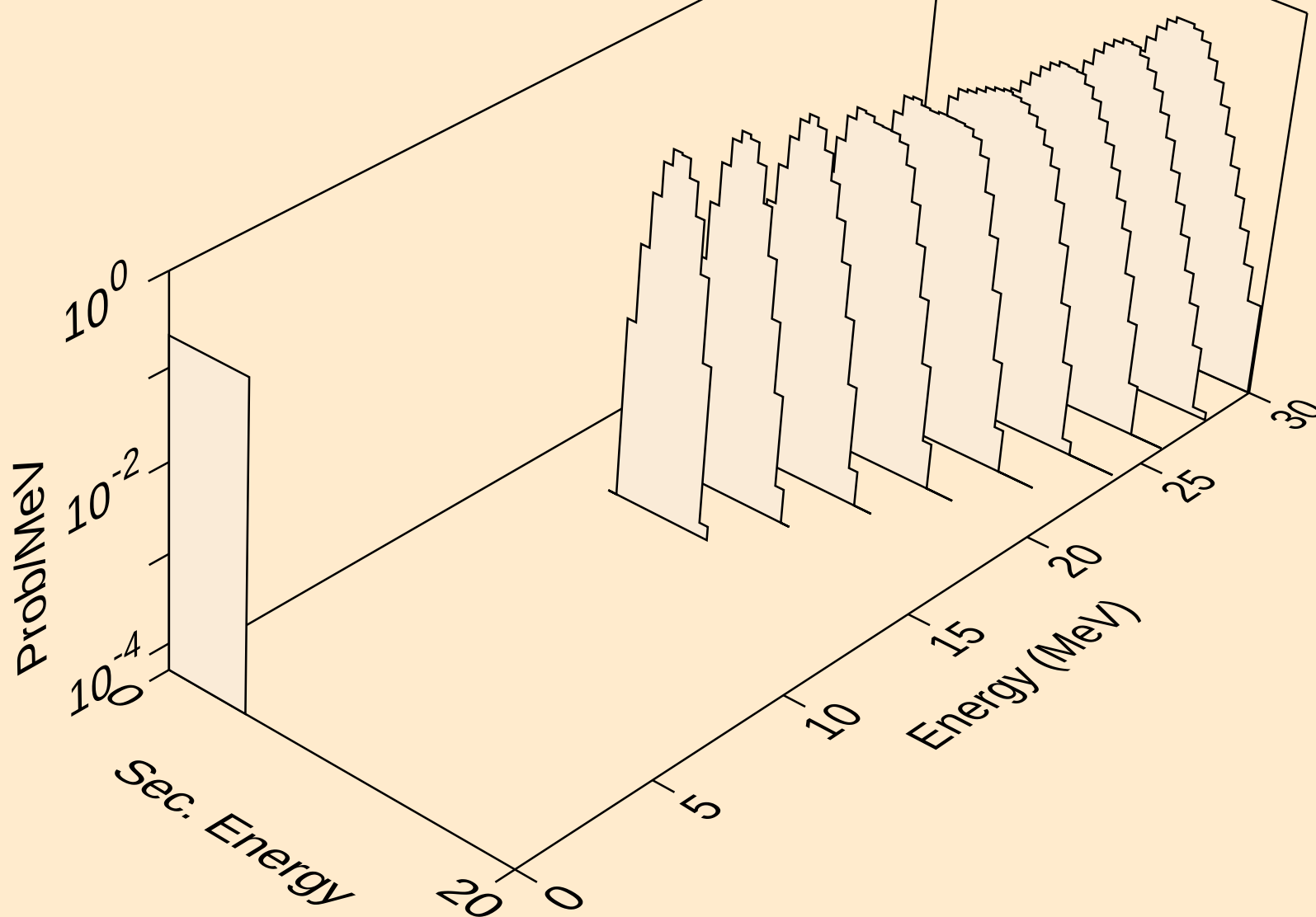
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



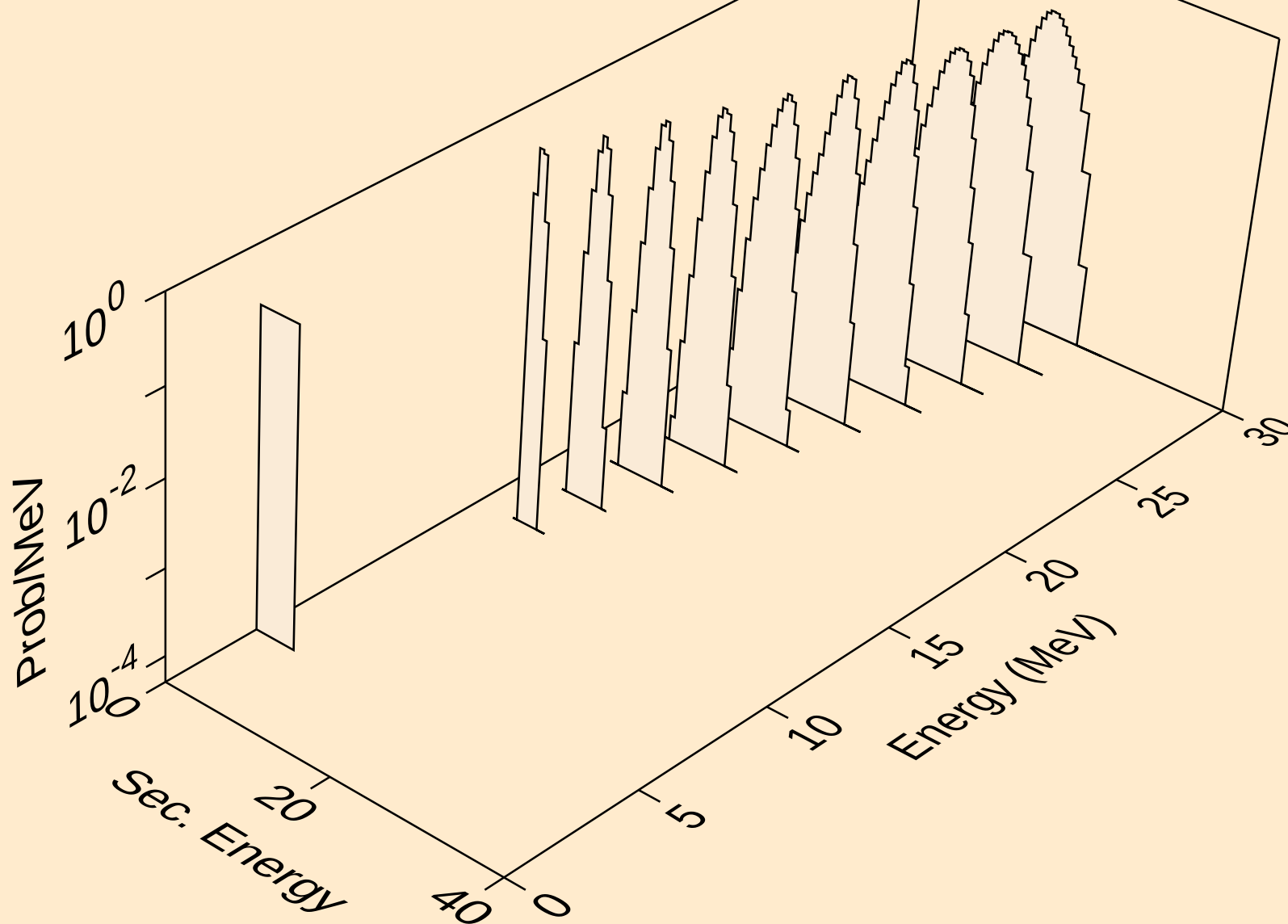
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alphas from (n,3n)a



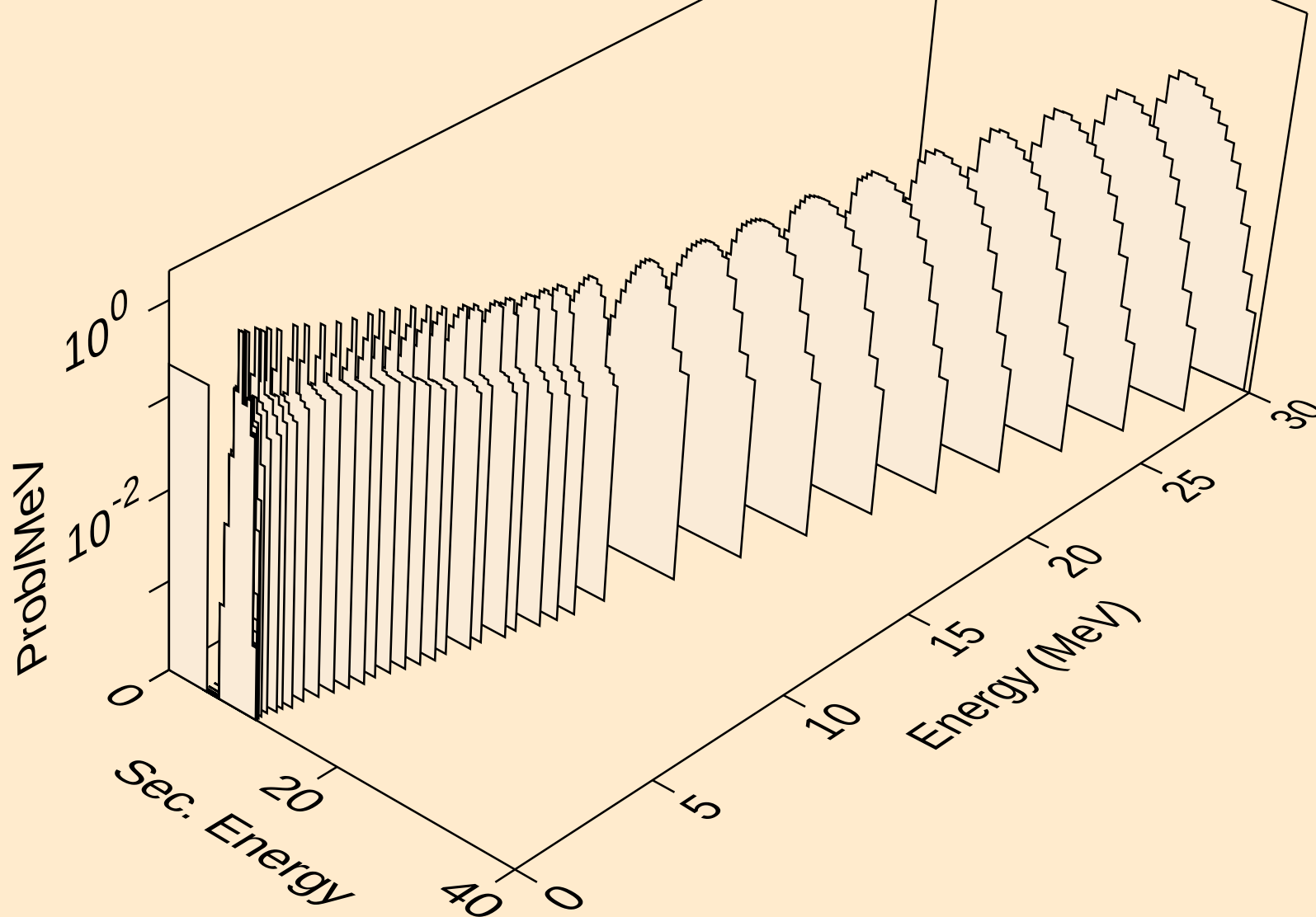
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



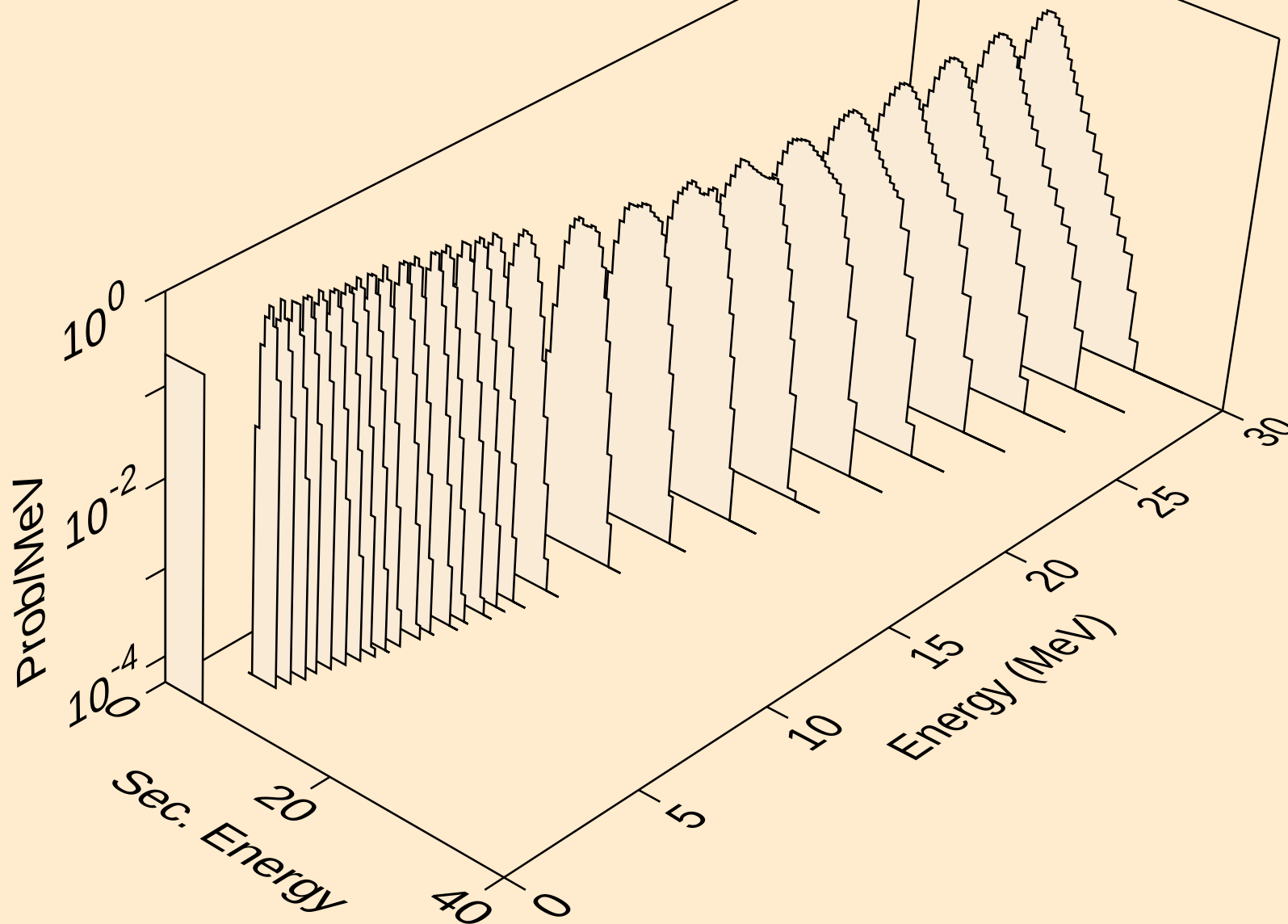
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



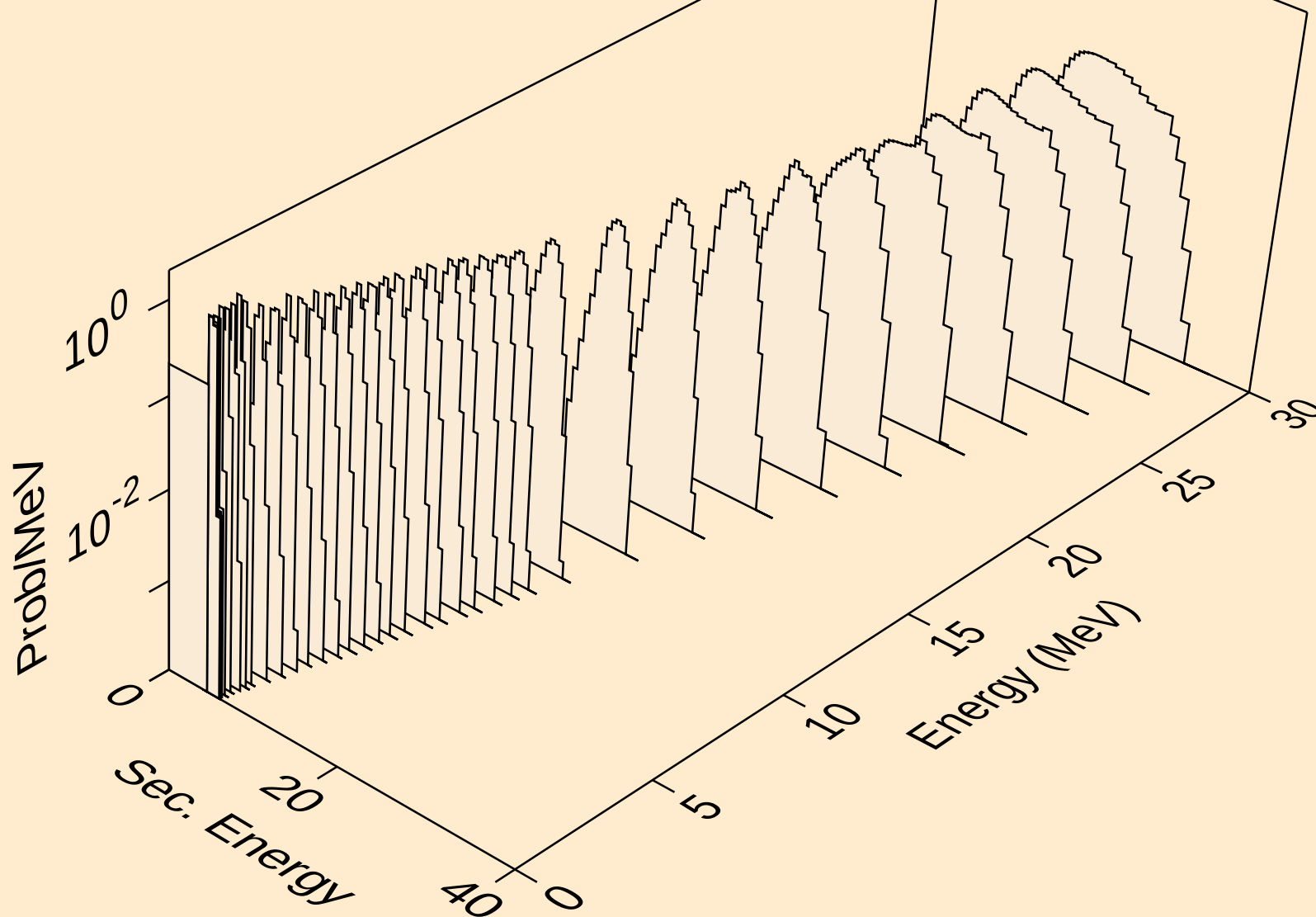
EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,p)



EU144 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

