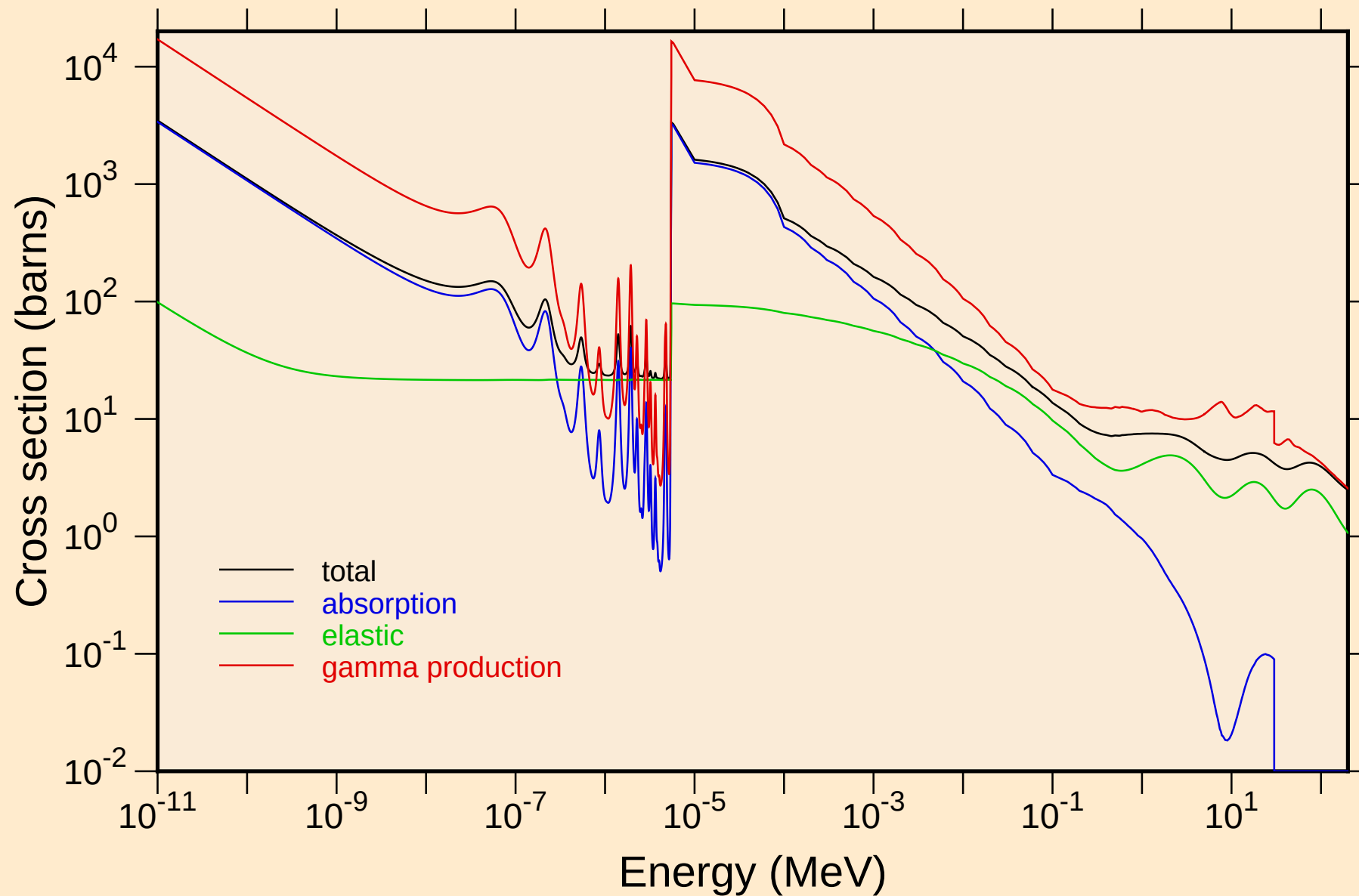
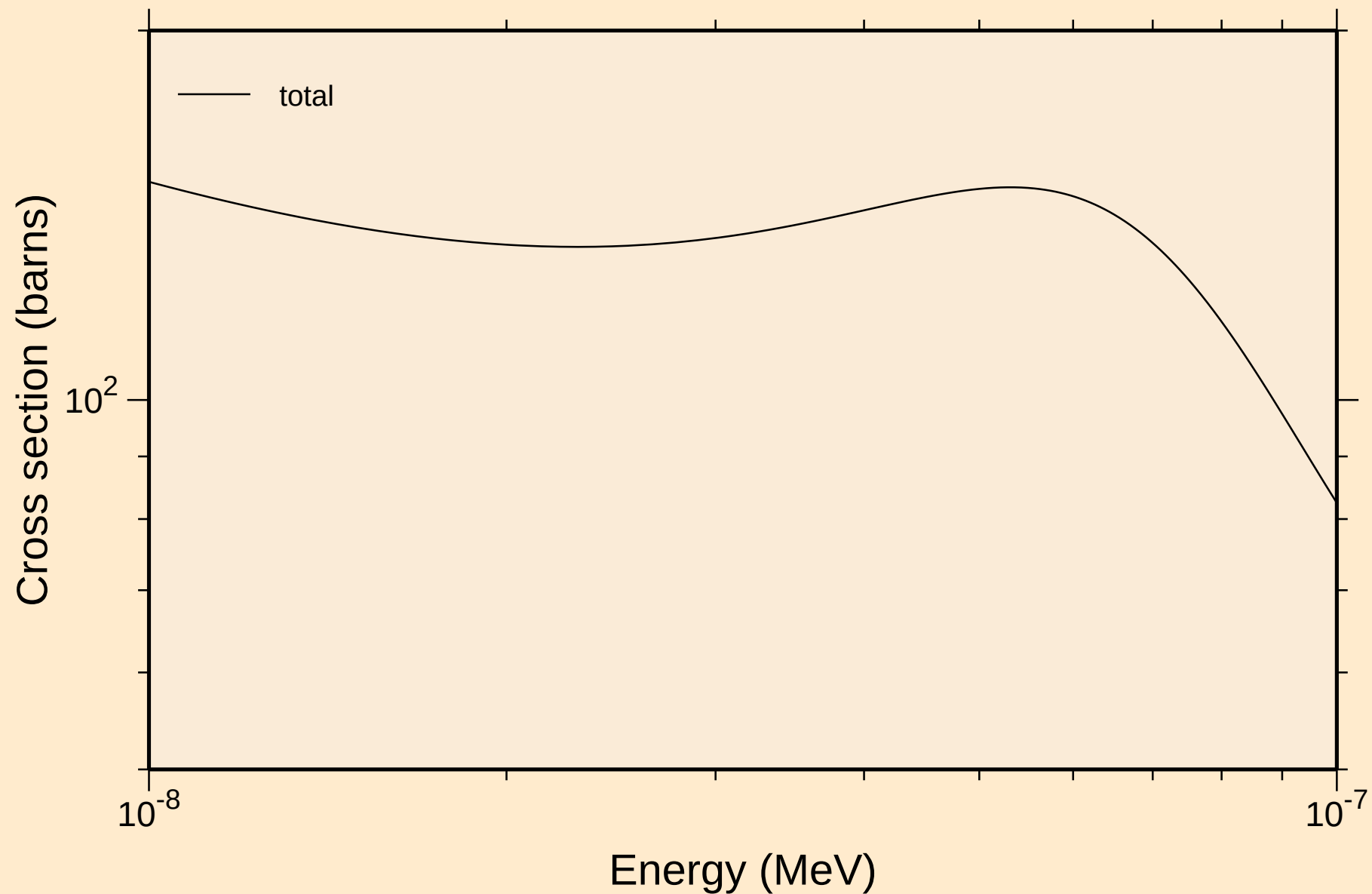


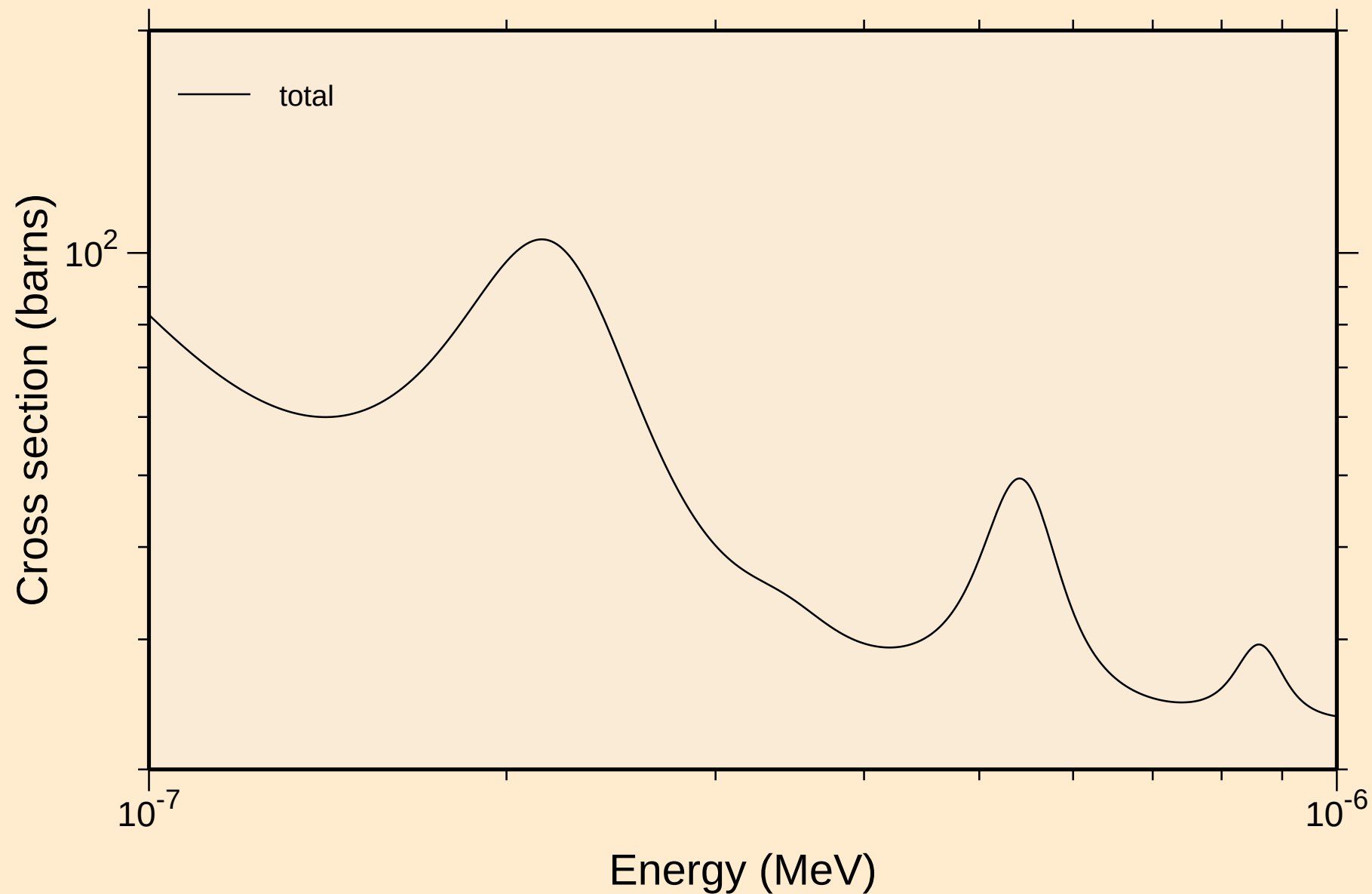
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



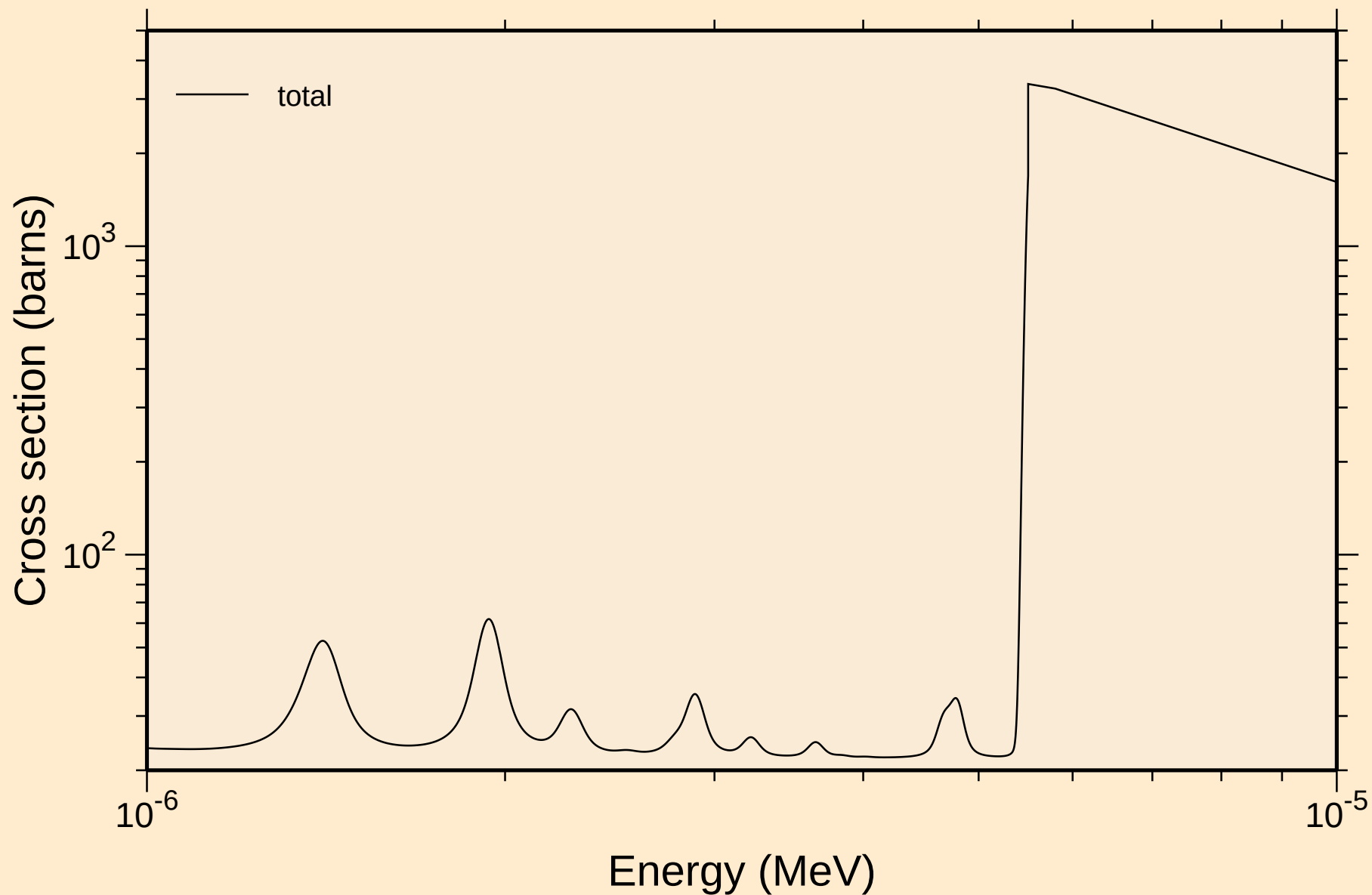
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



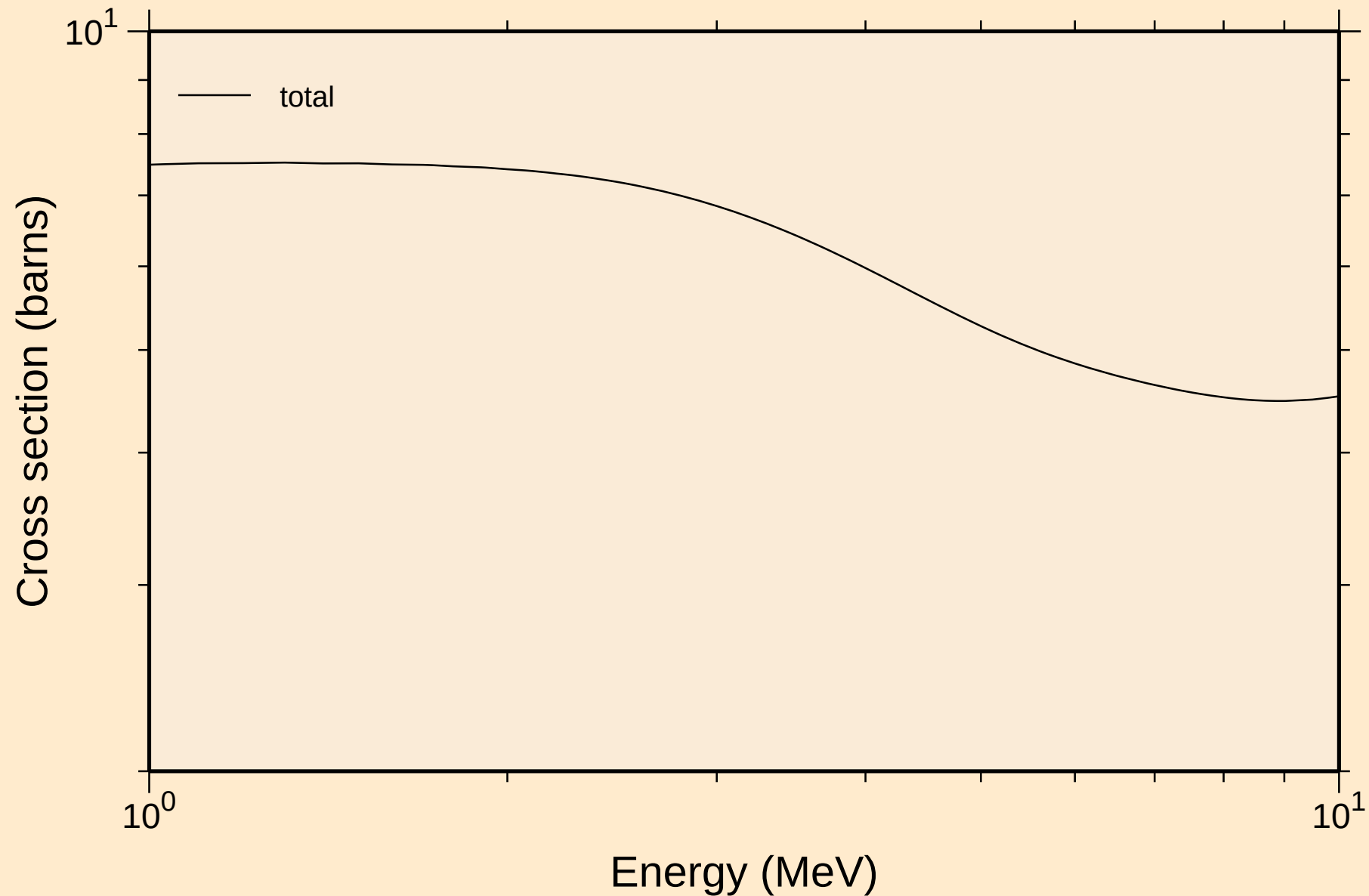
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



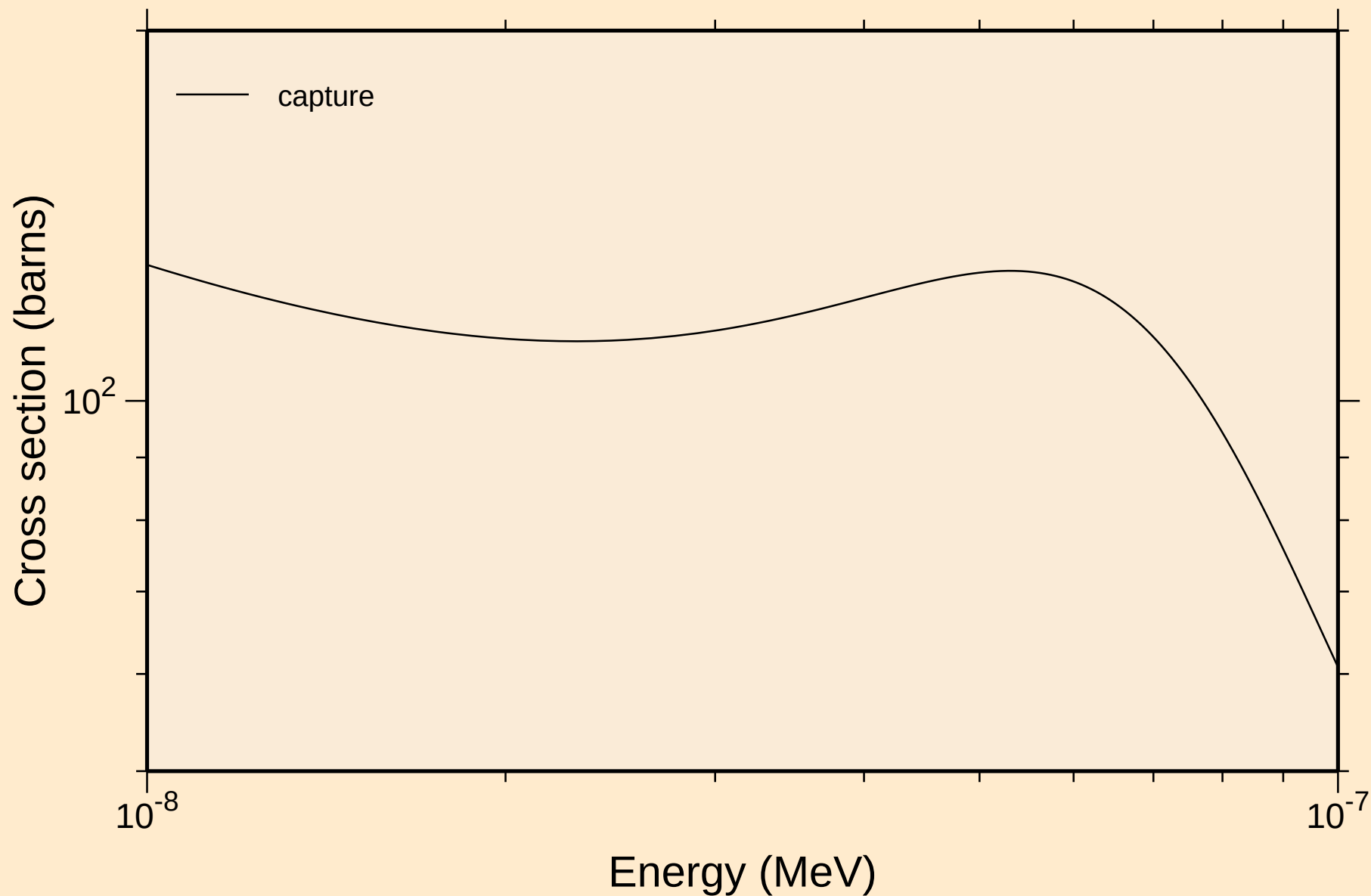
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



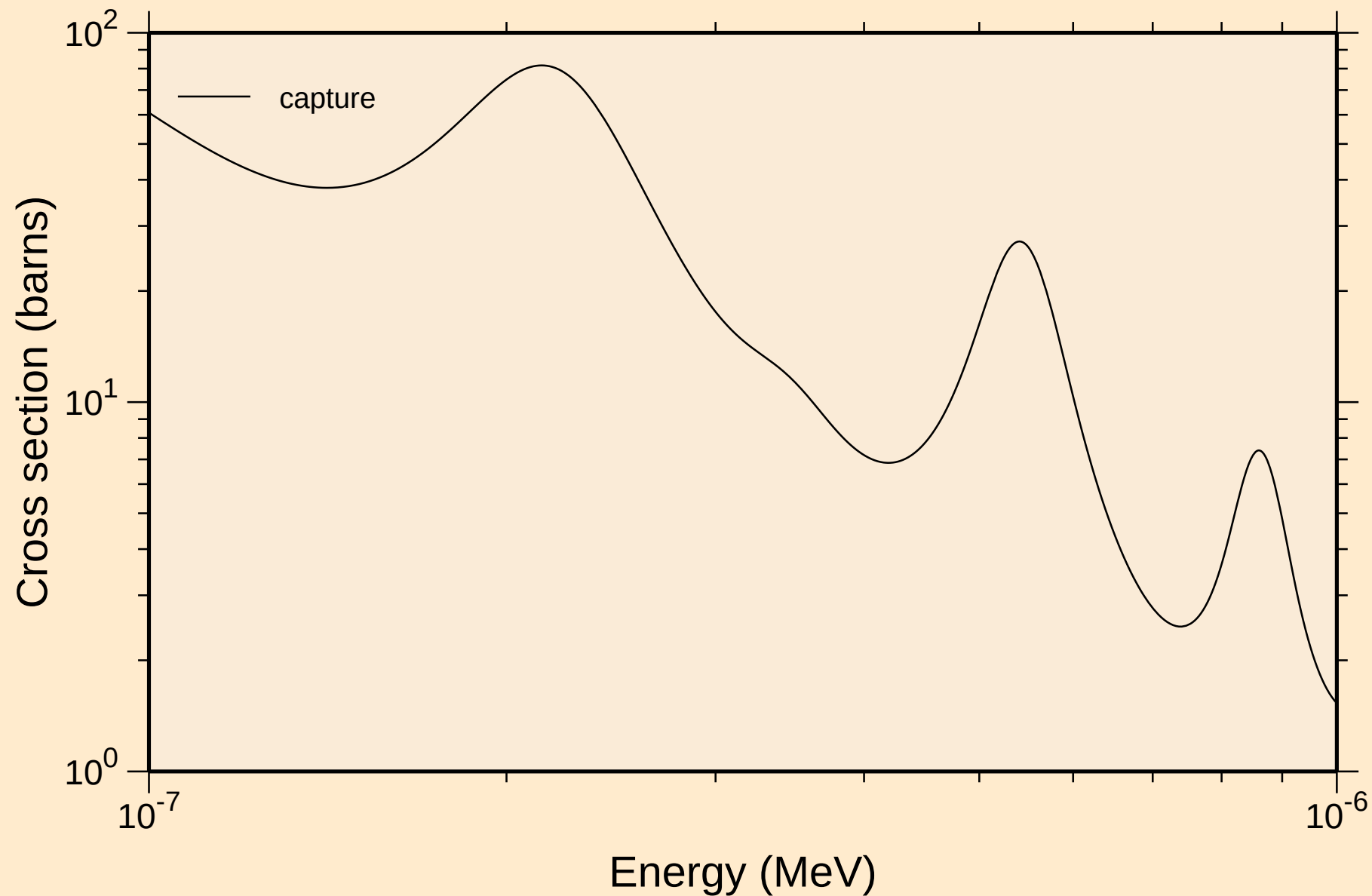
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



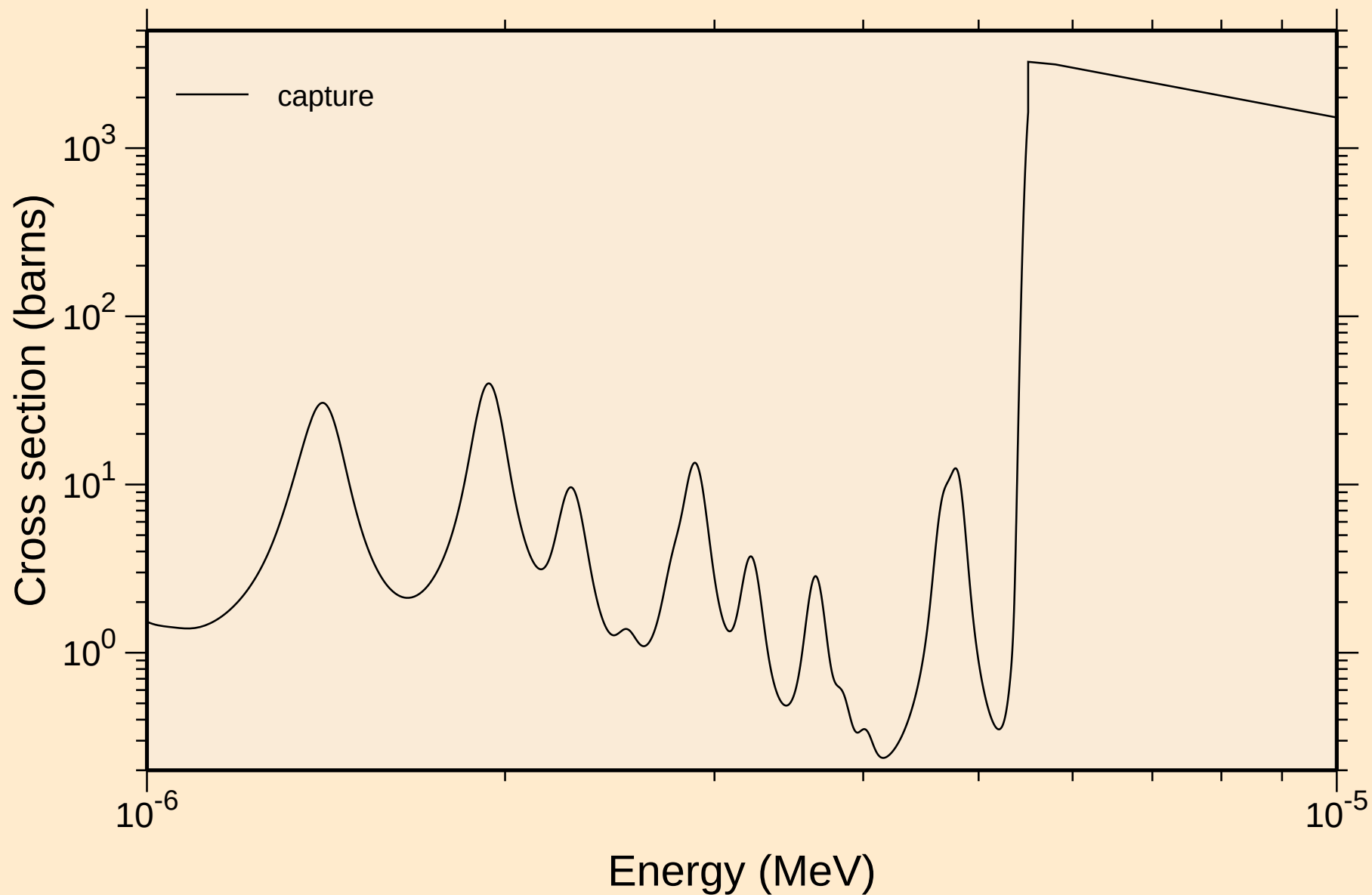
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



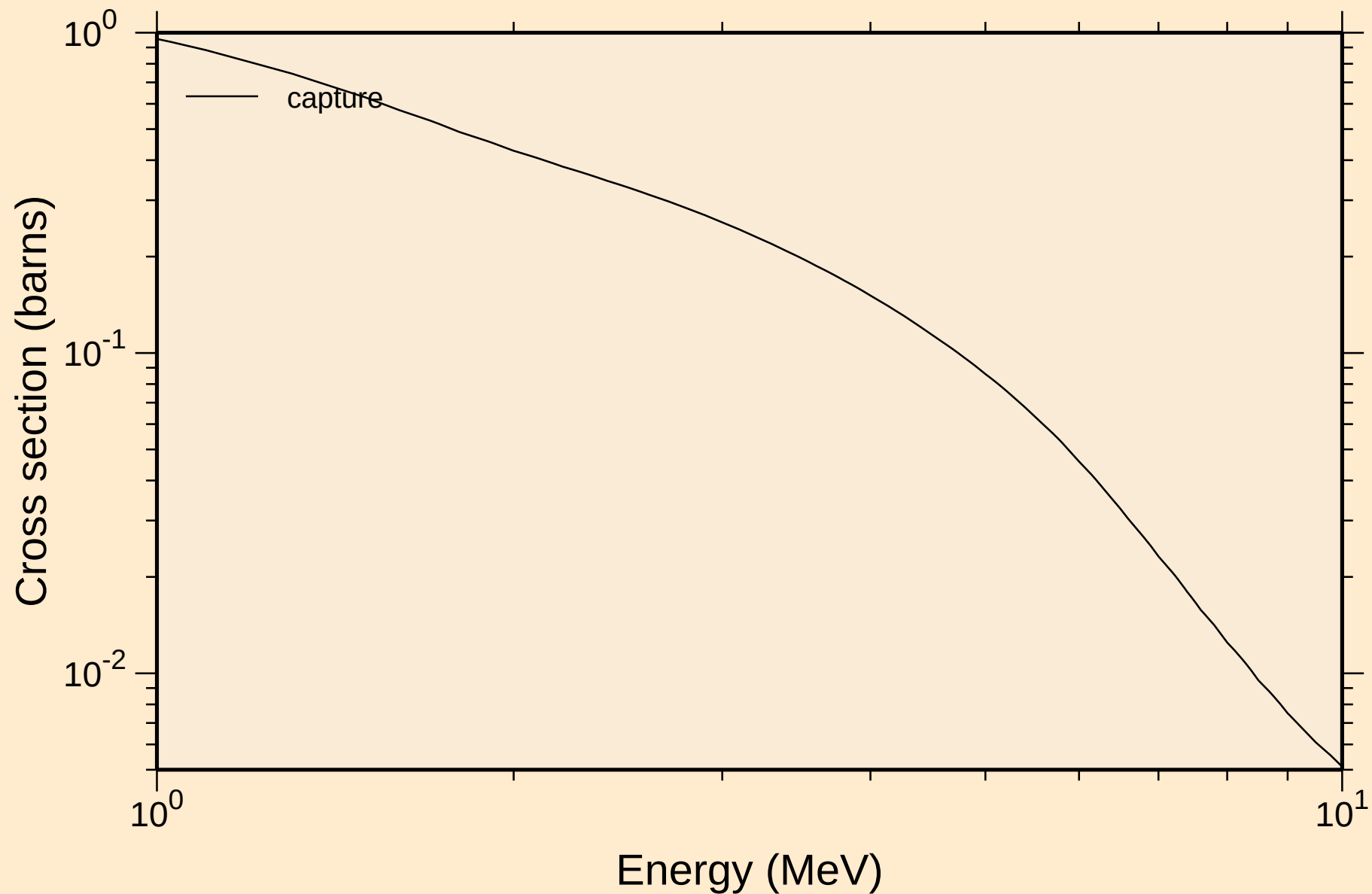
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



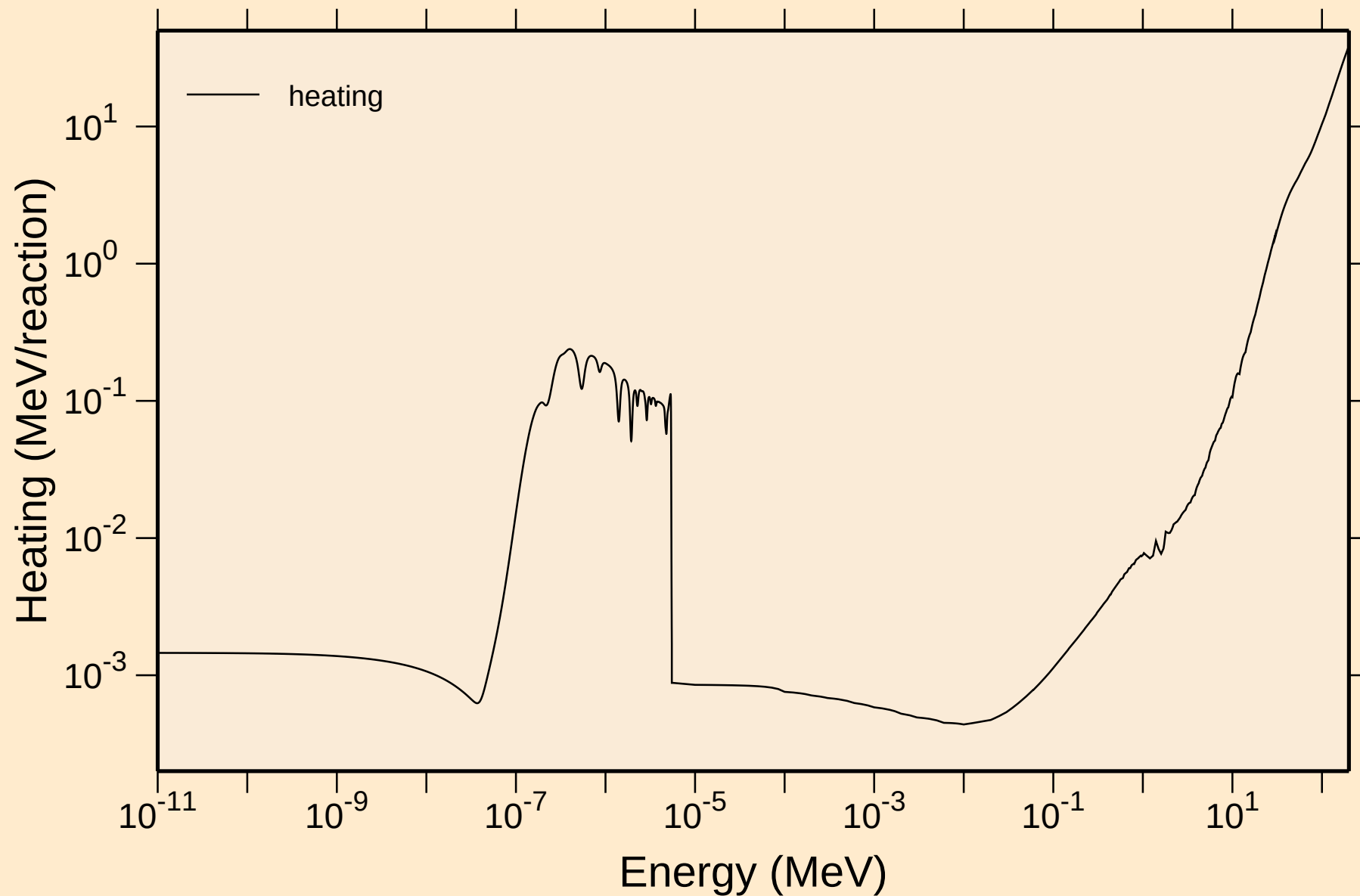
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

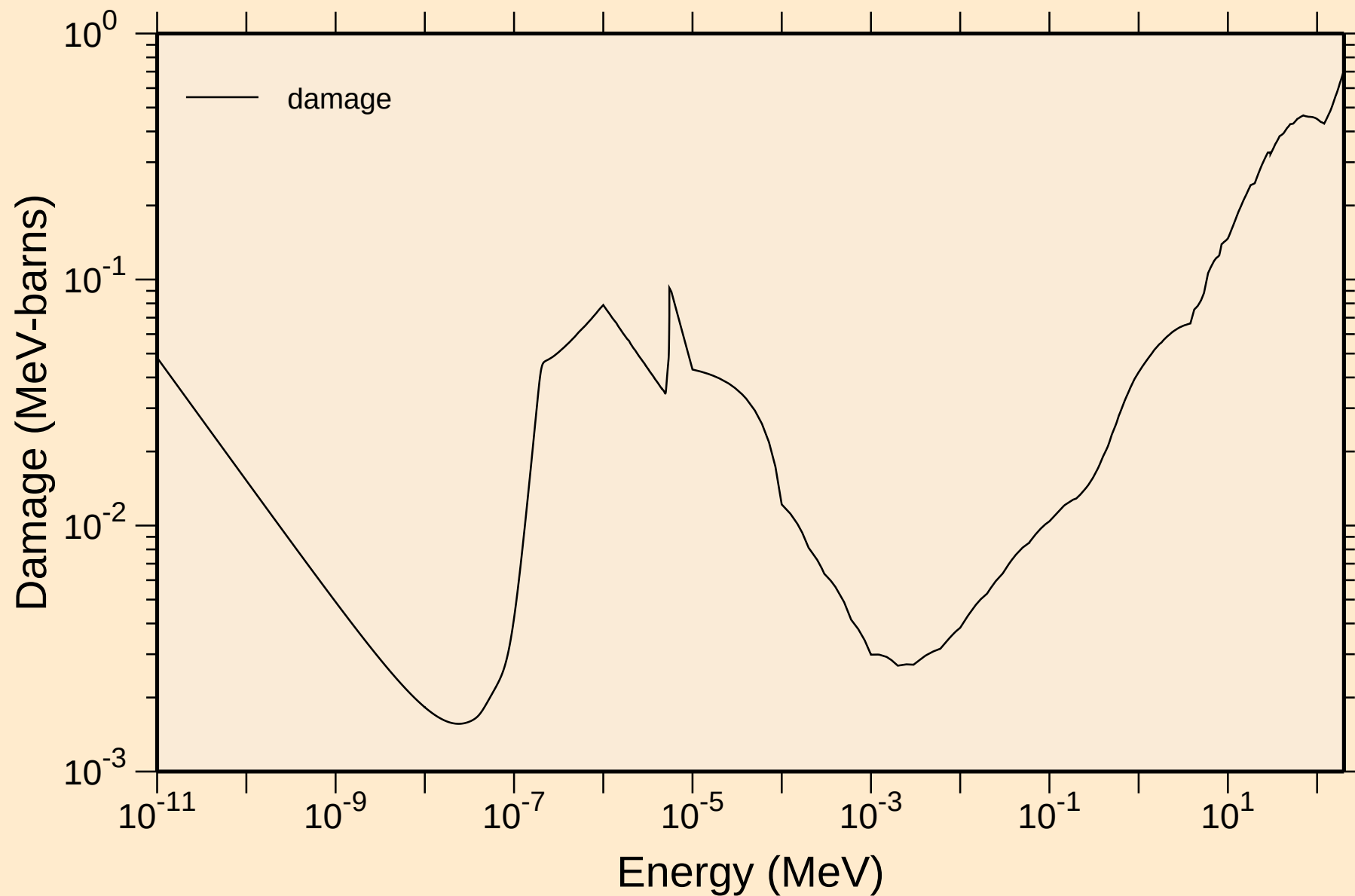


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

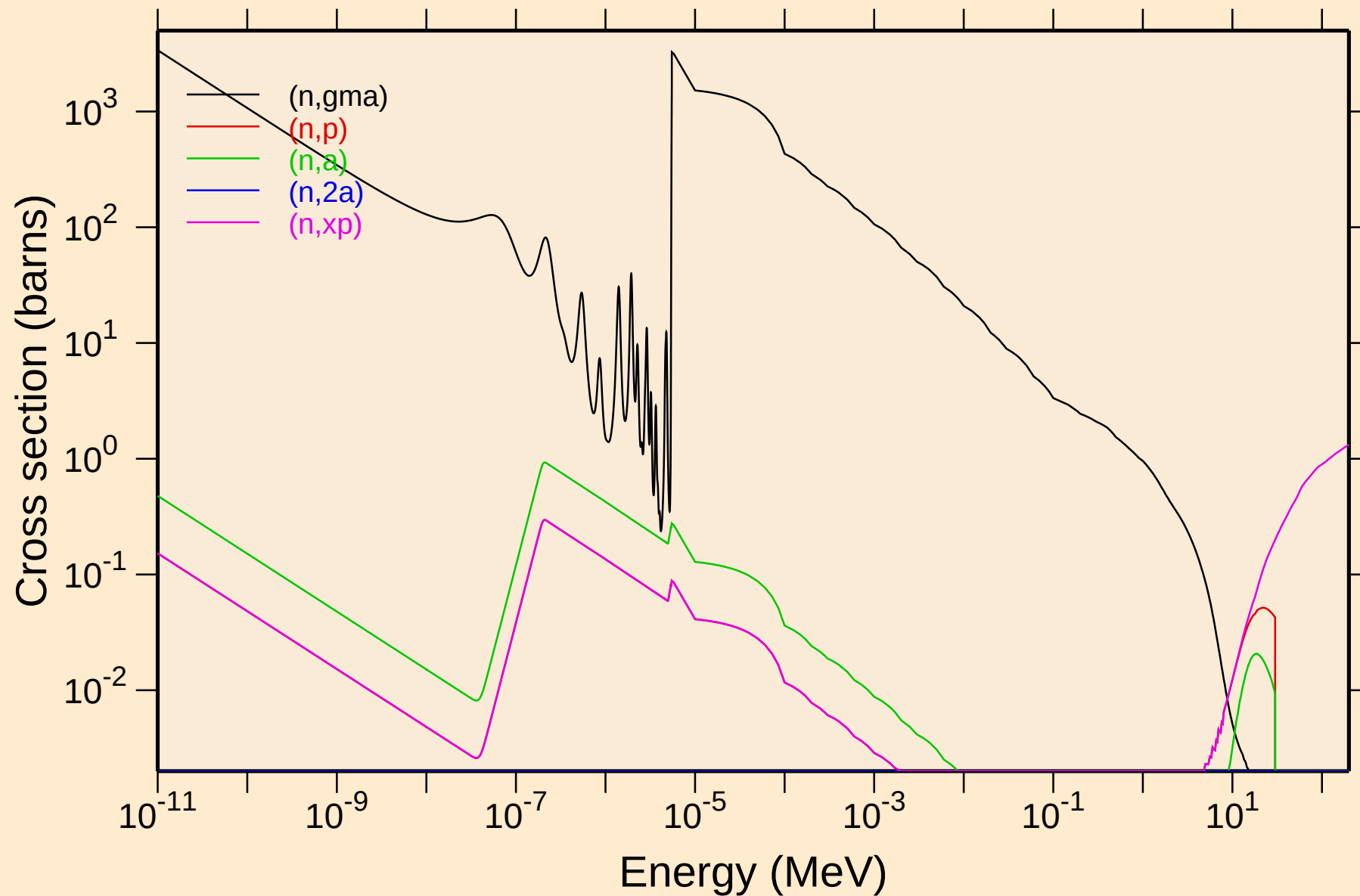


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

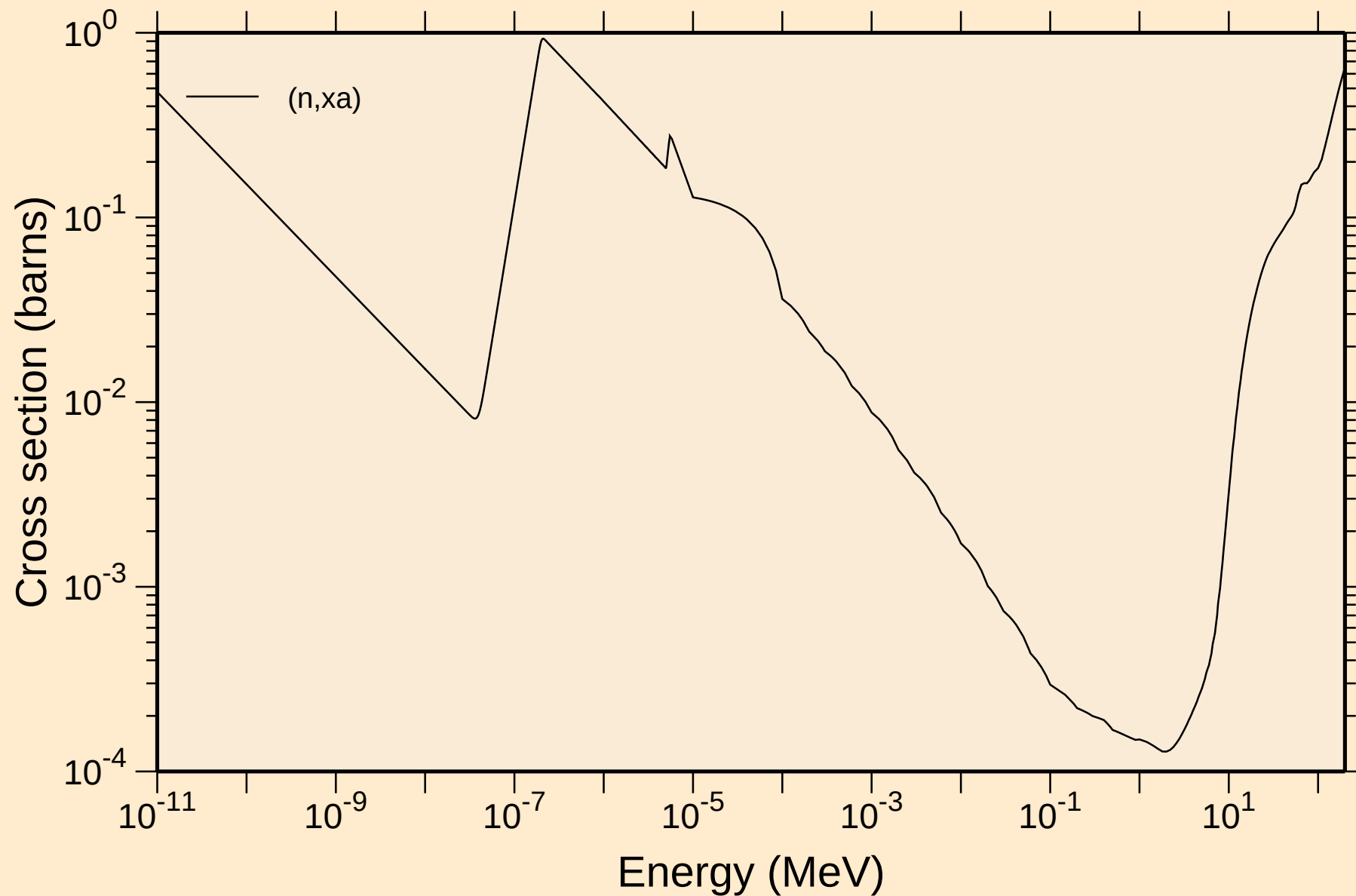
Damage



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

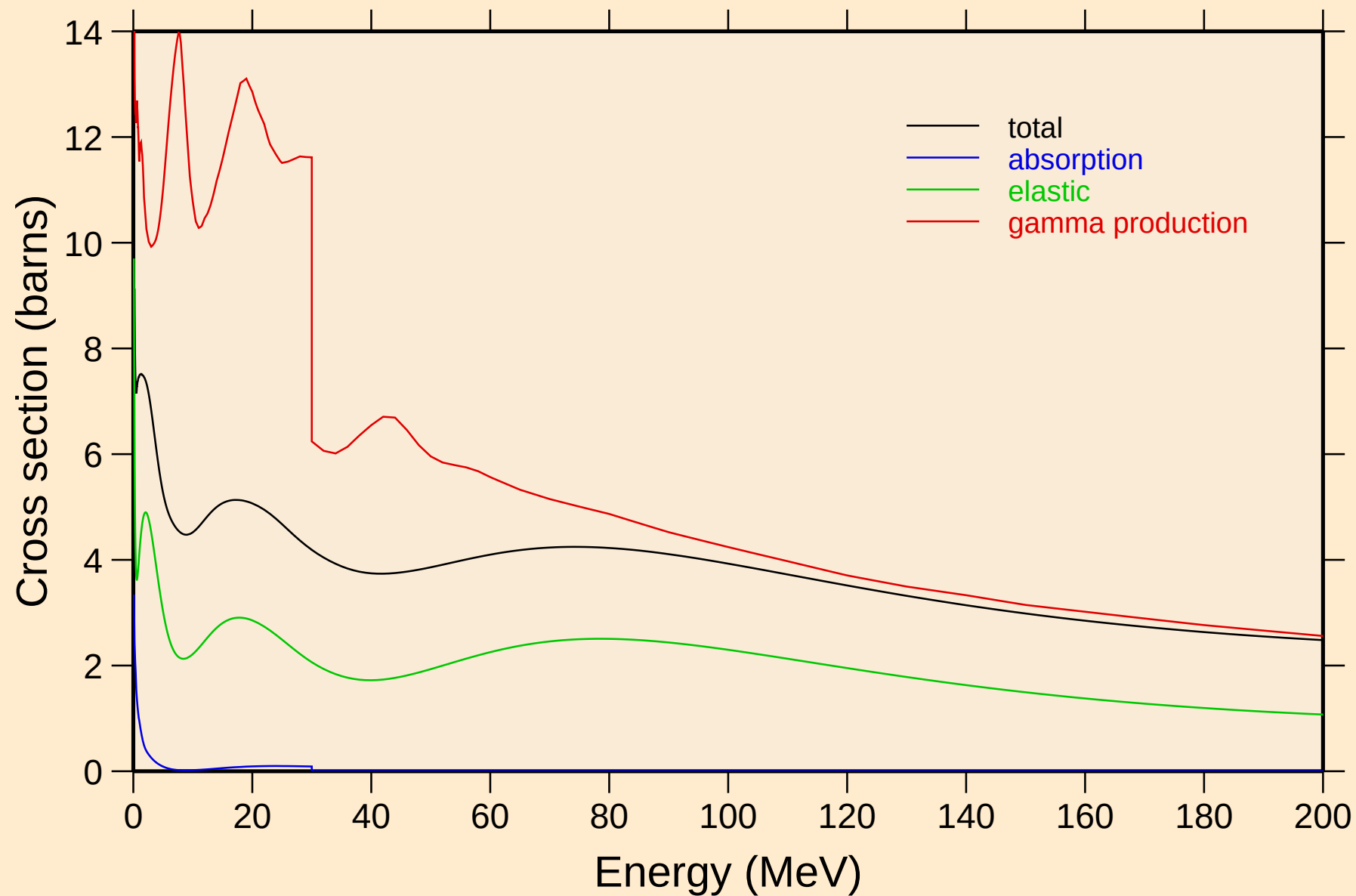


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



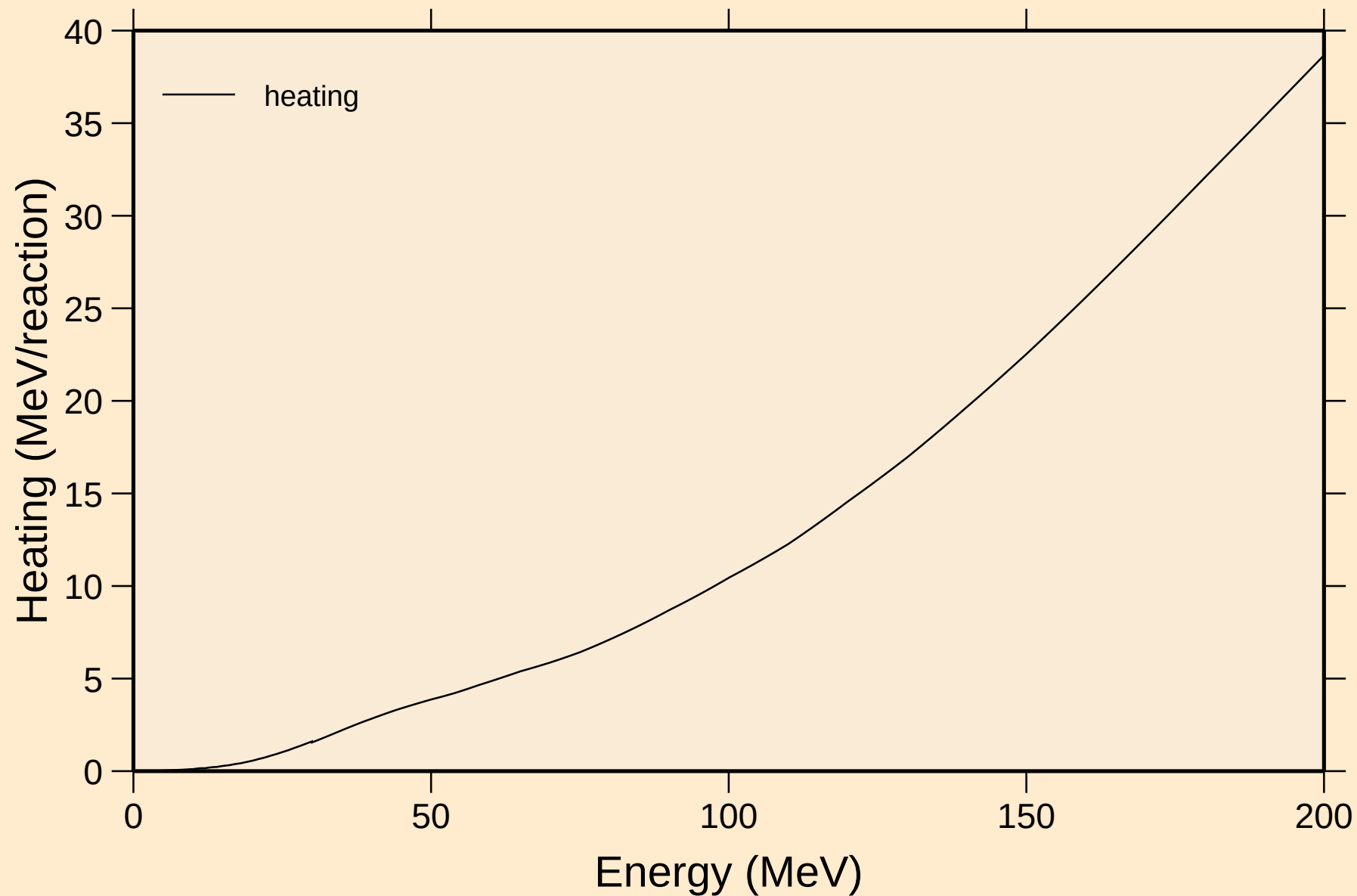
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections

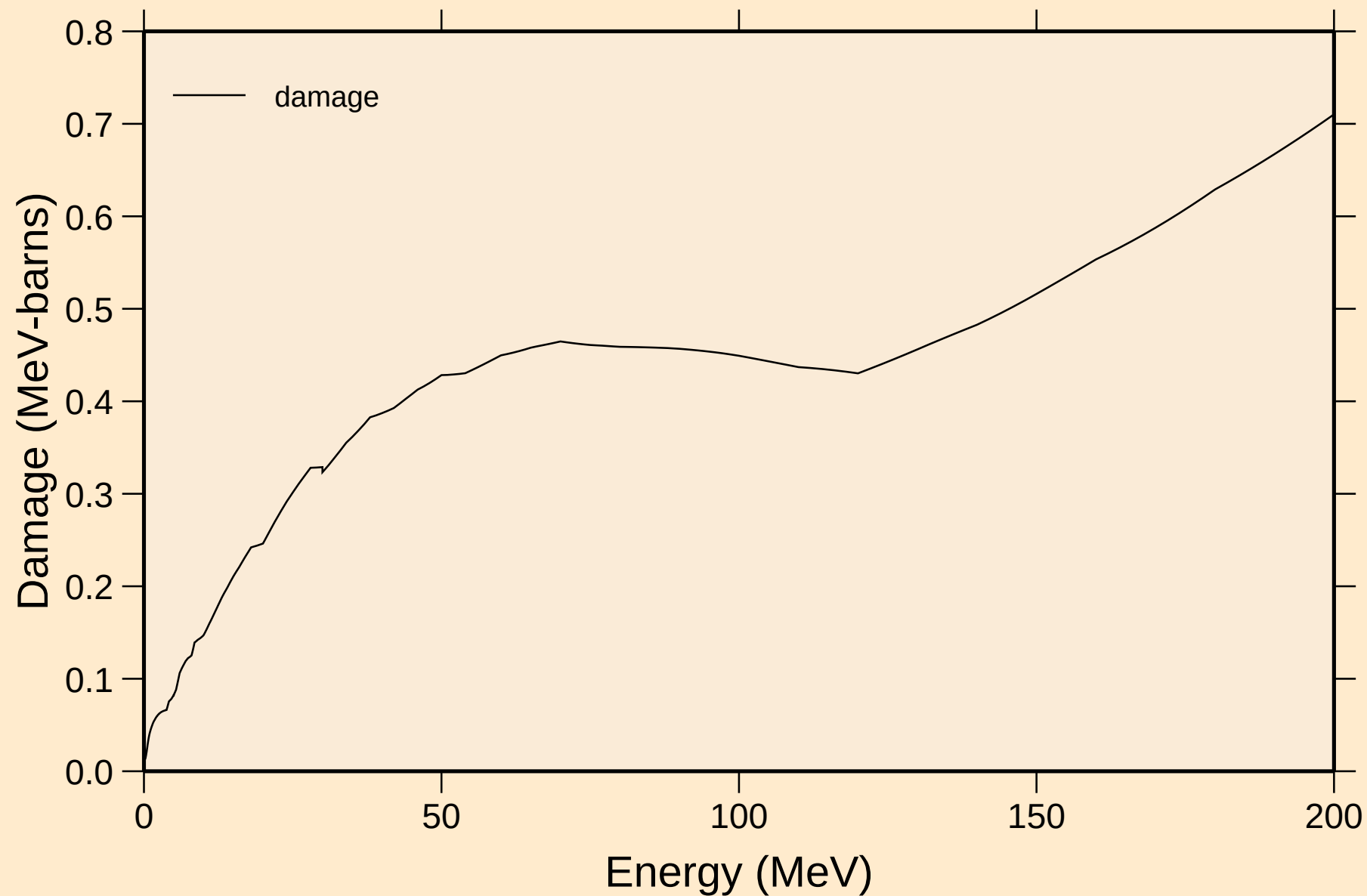


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

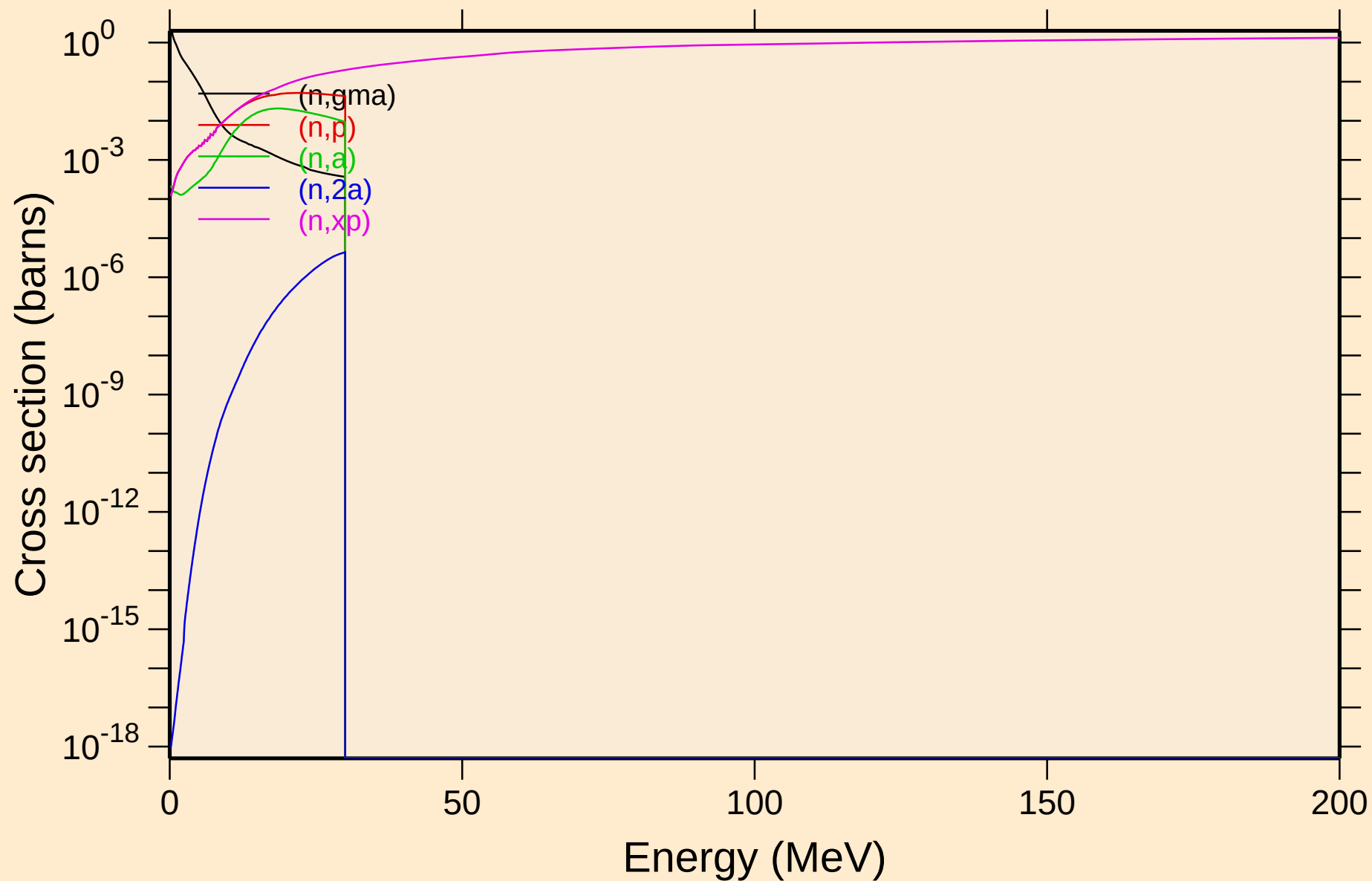
Heating



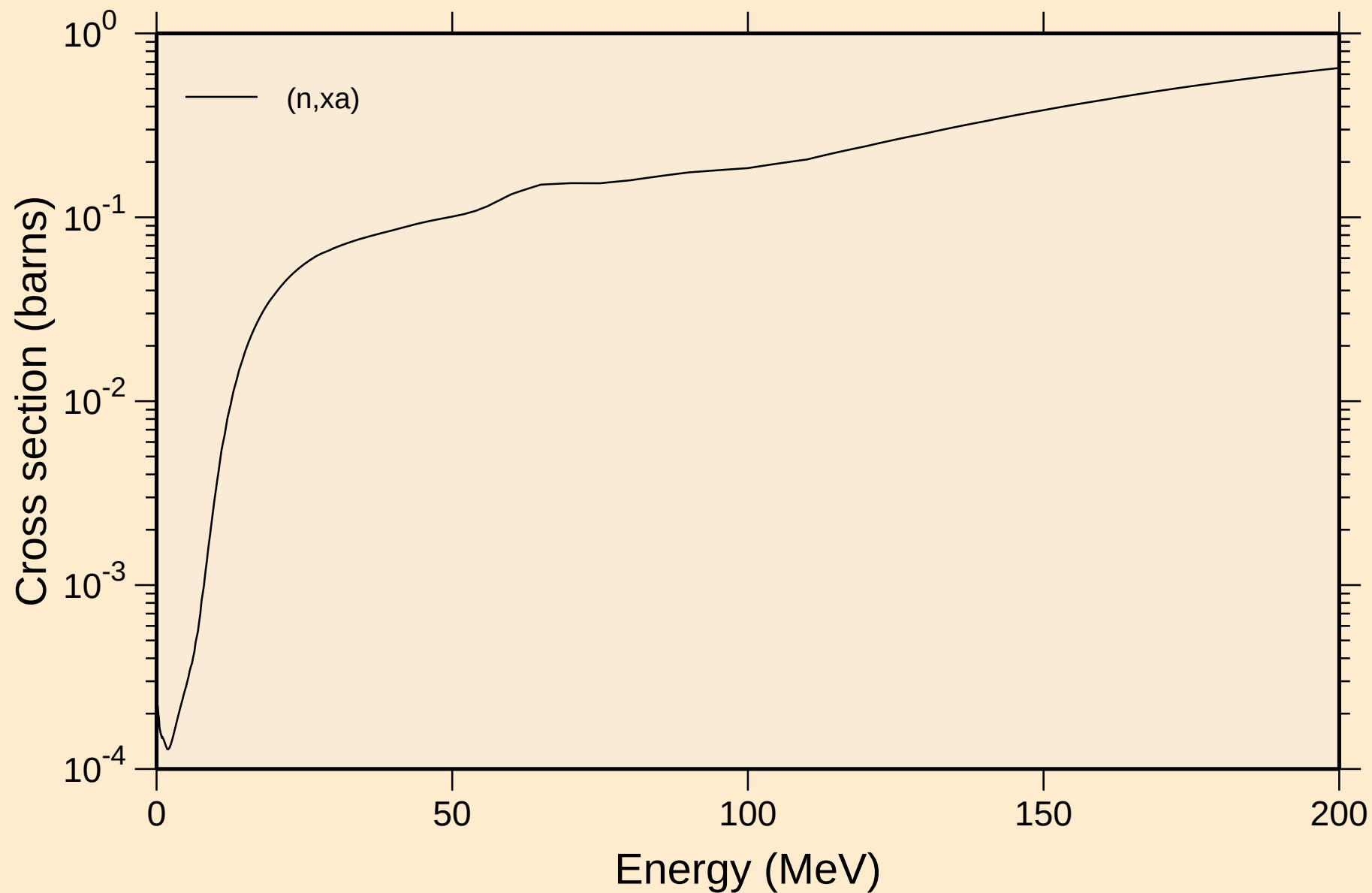
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

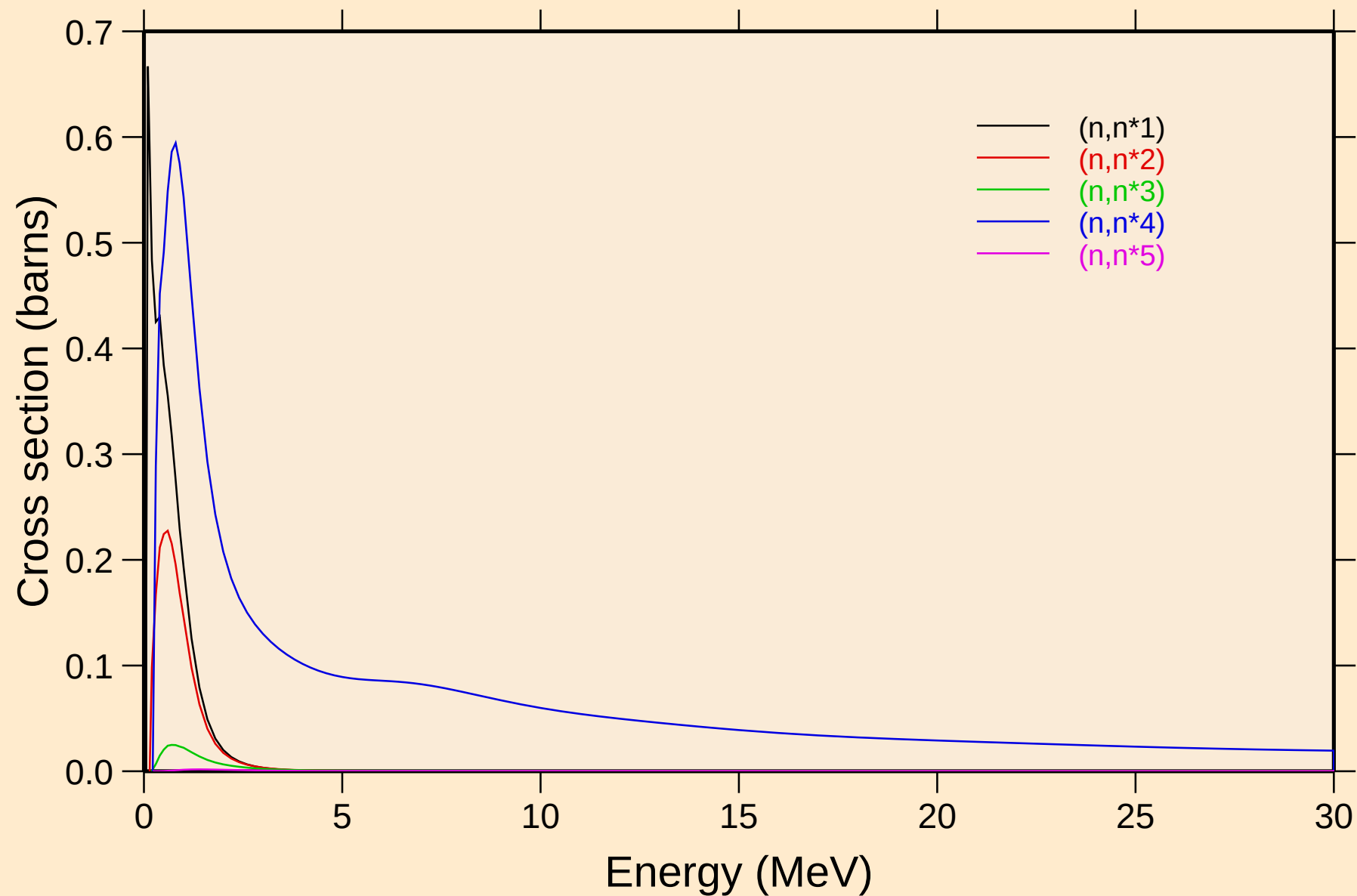


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

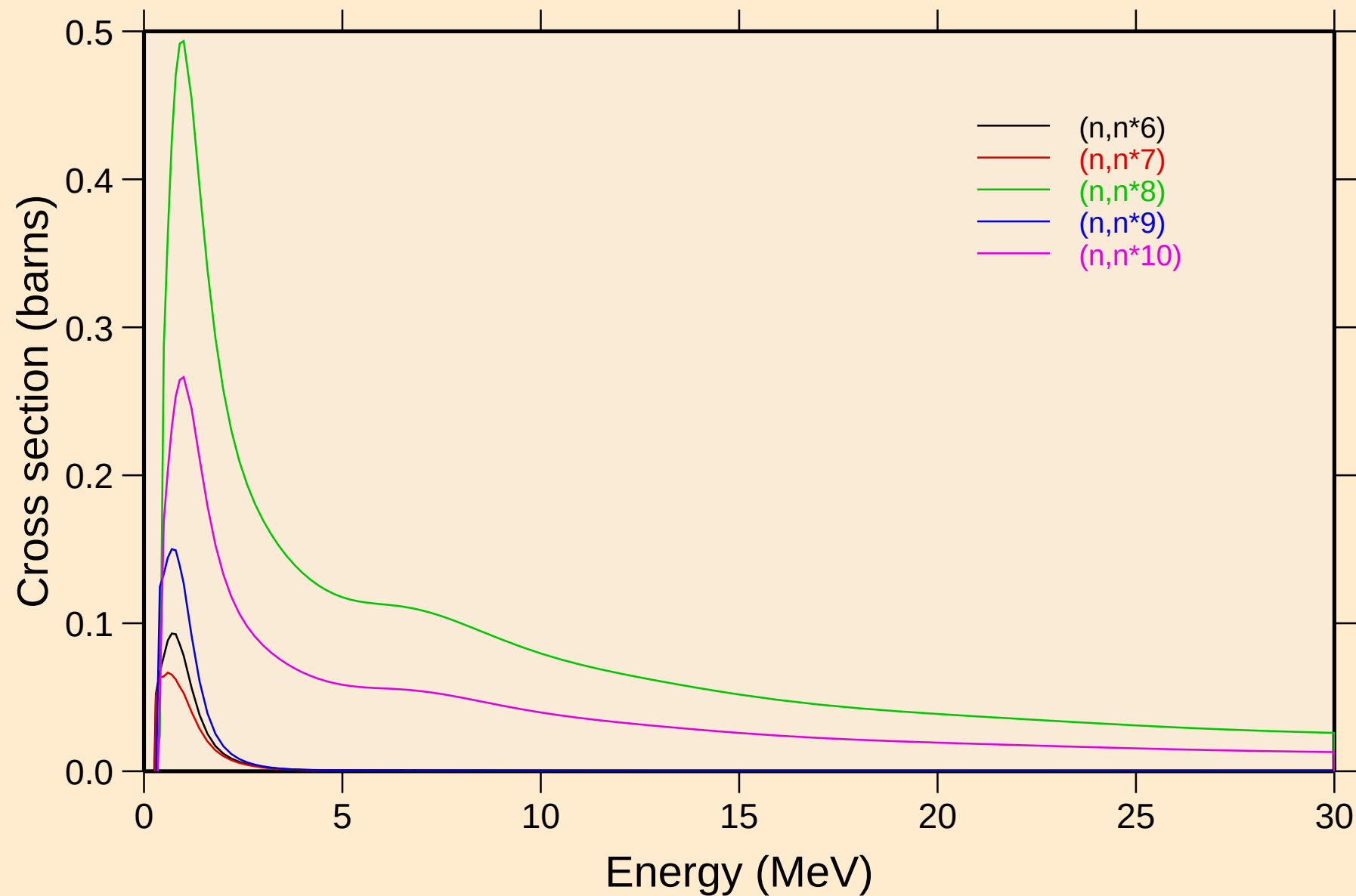


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

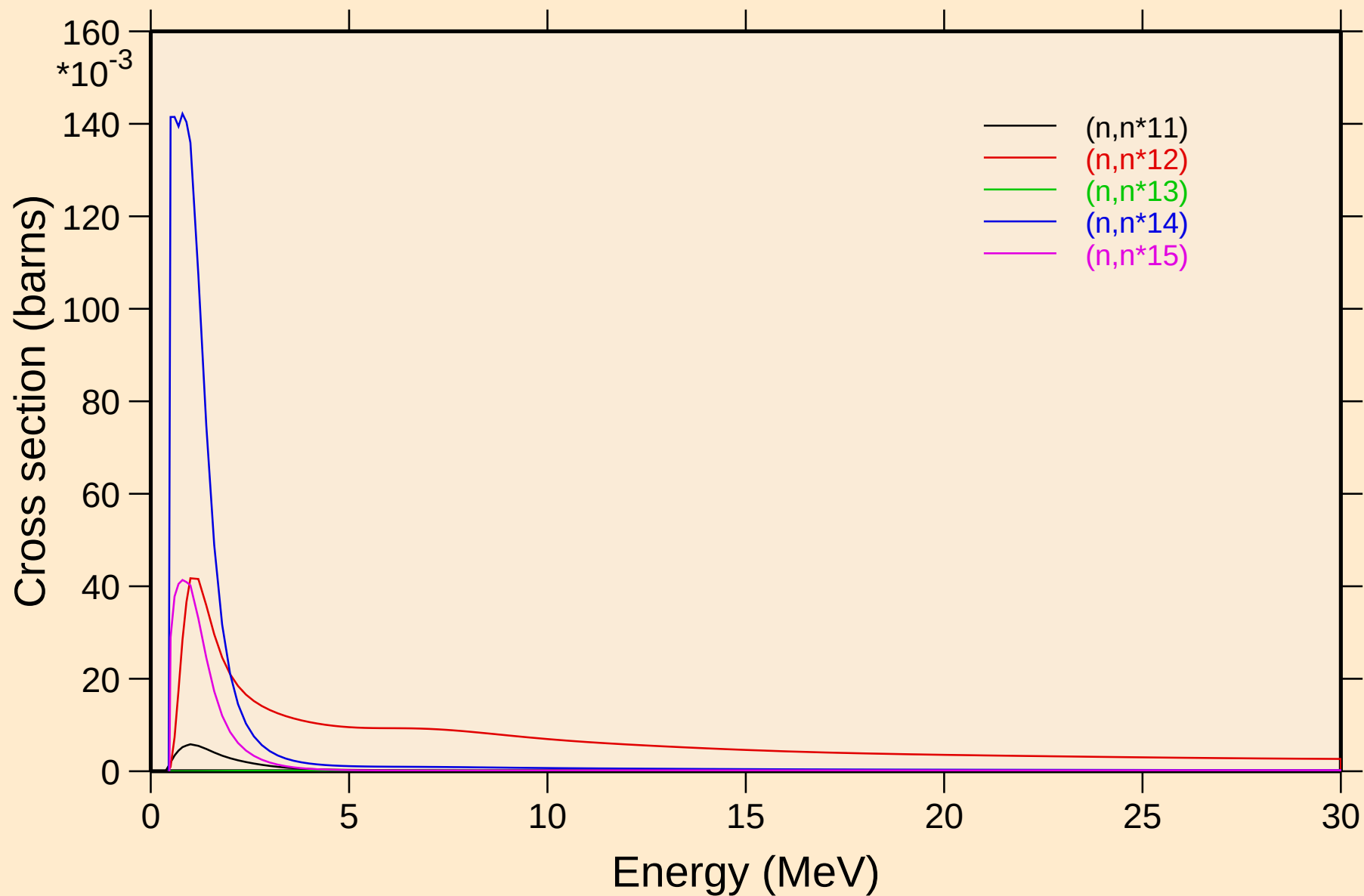


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



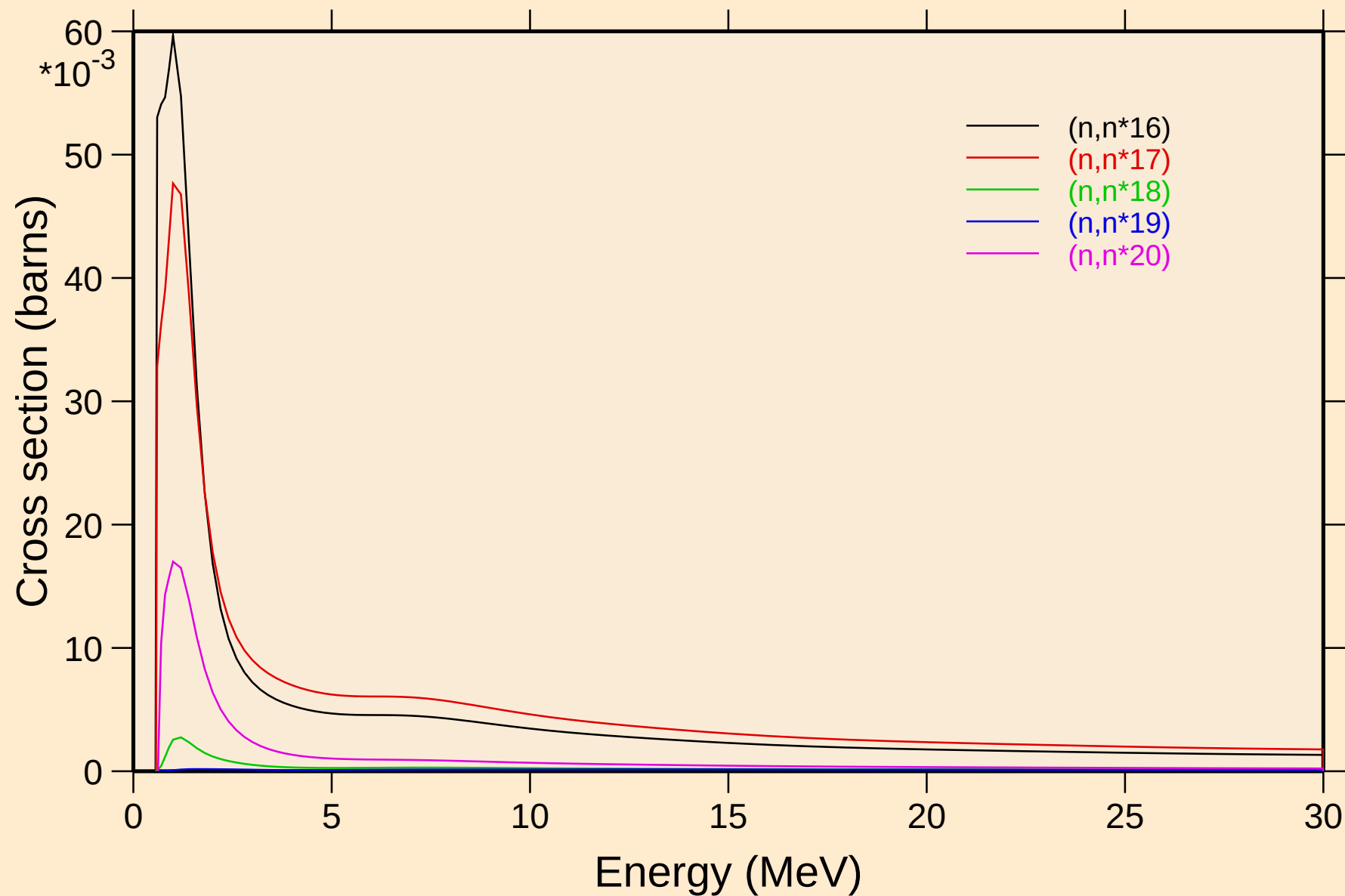
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



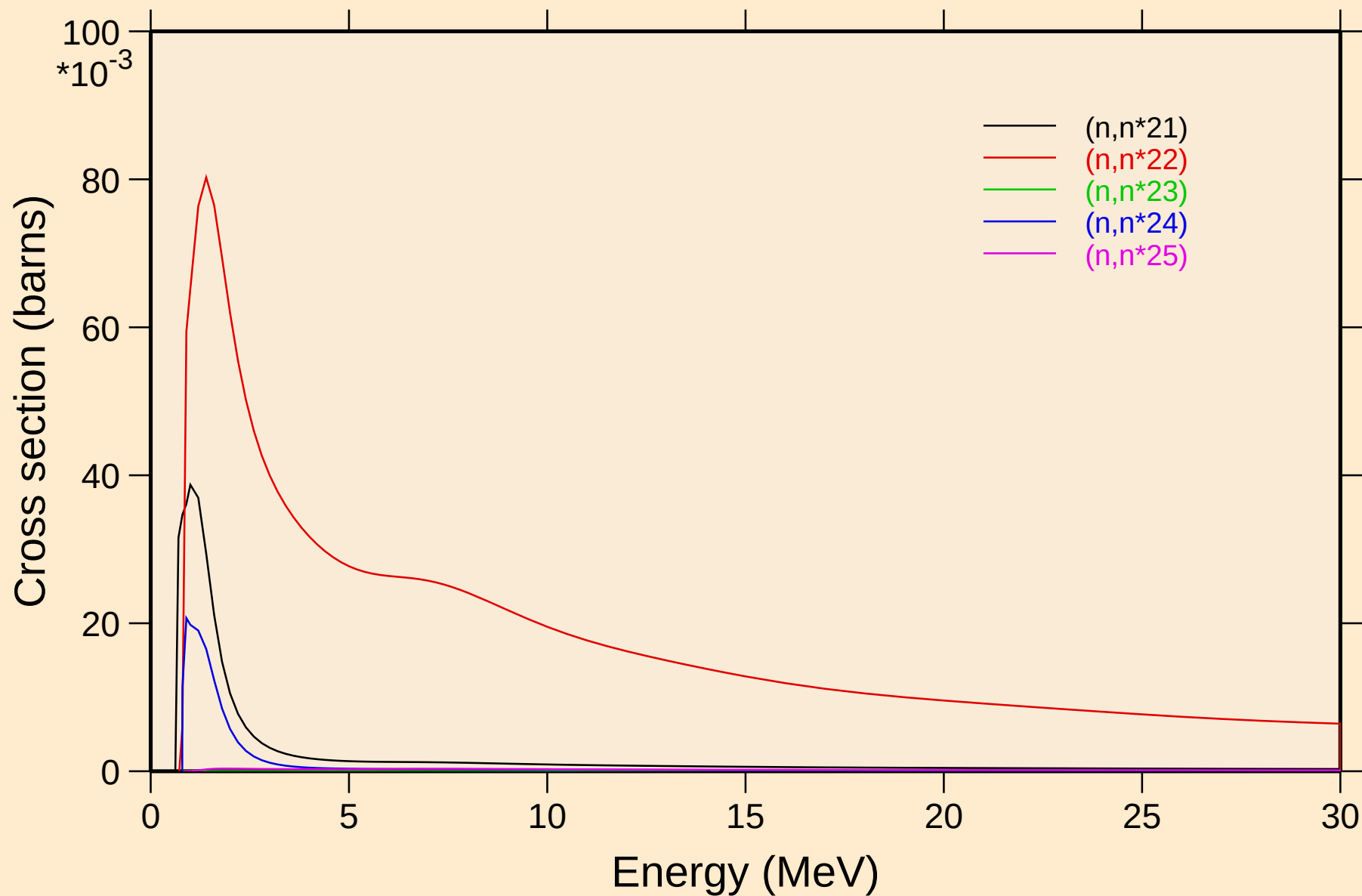
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



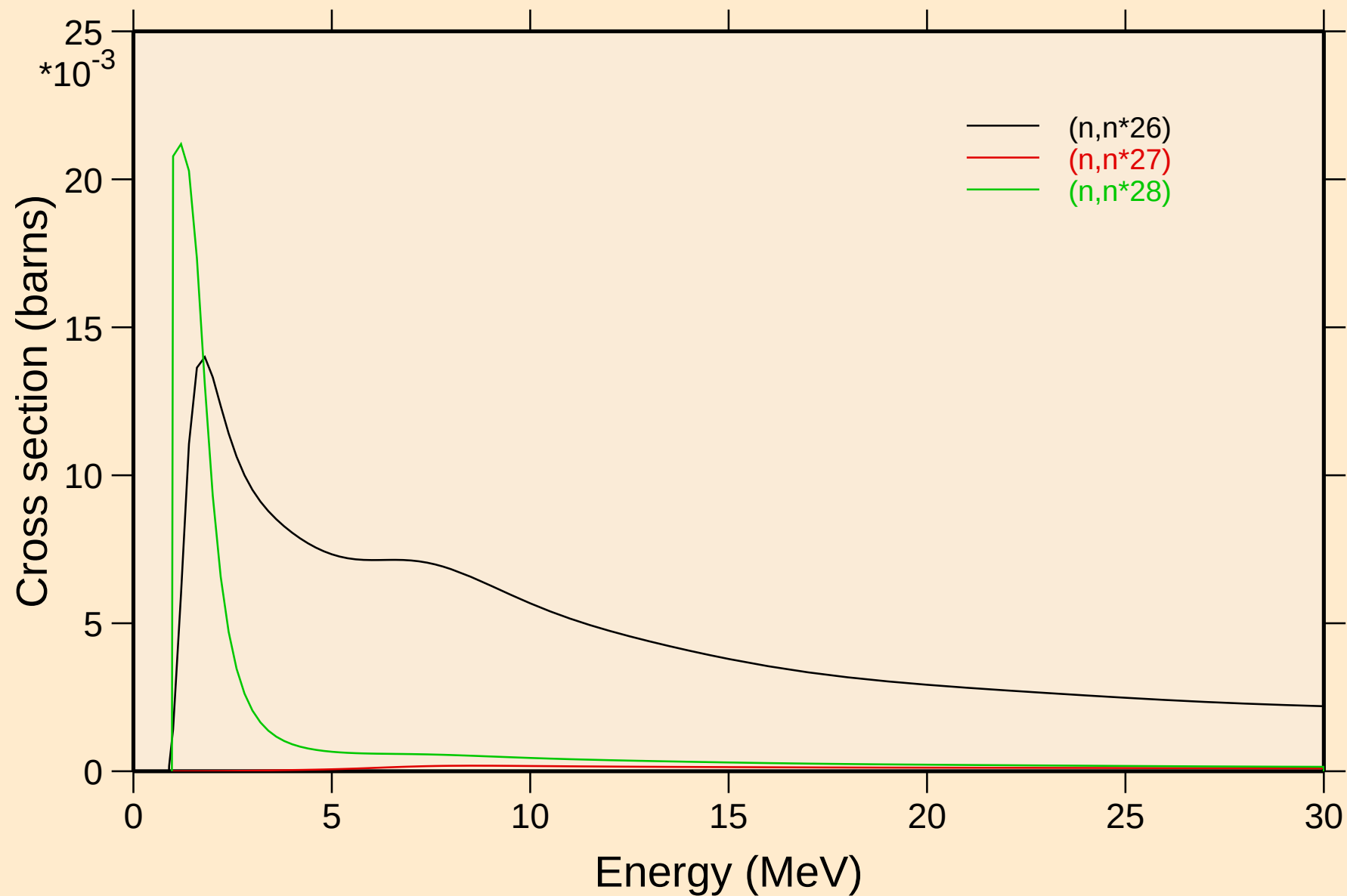
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

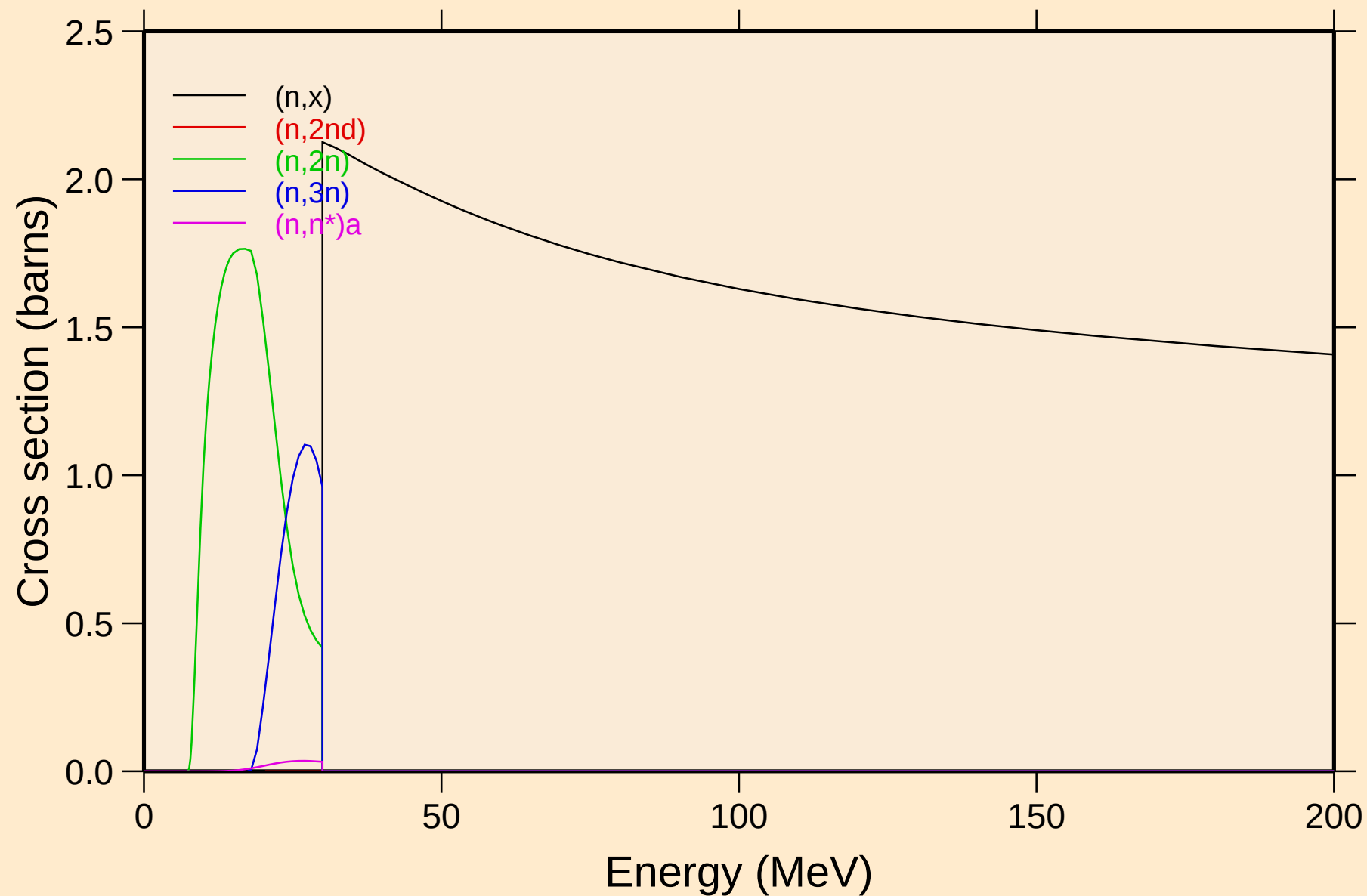


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

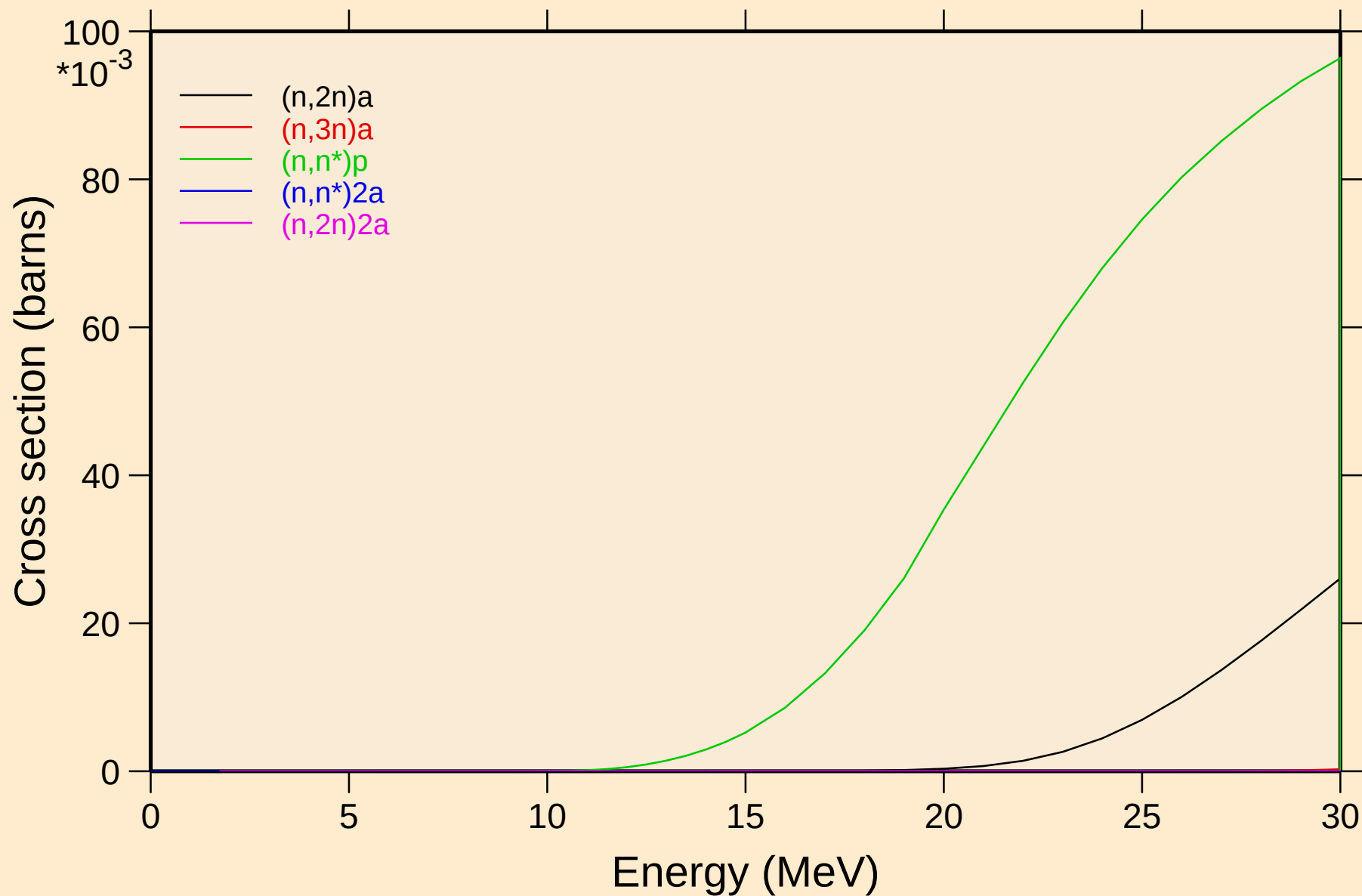
Inelastic levels



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

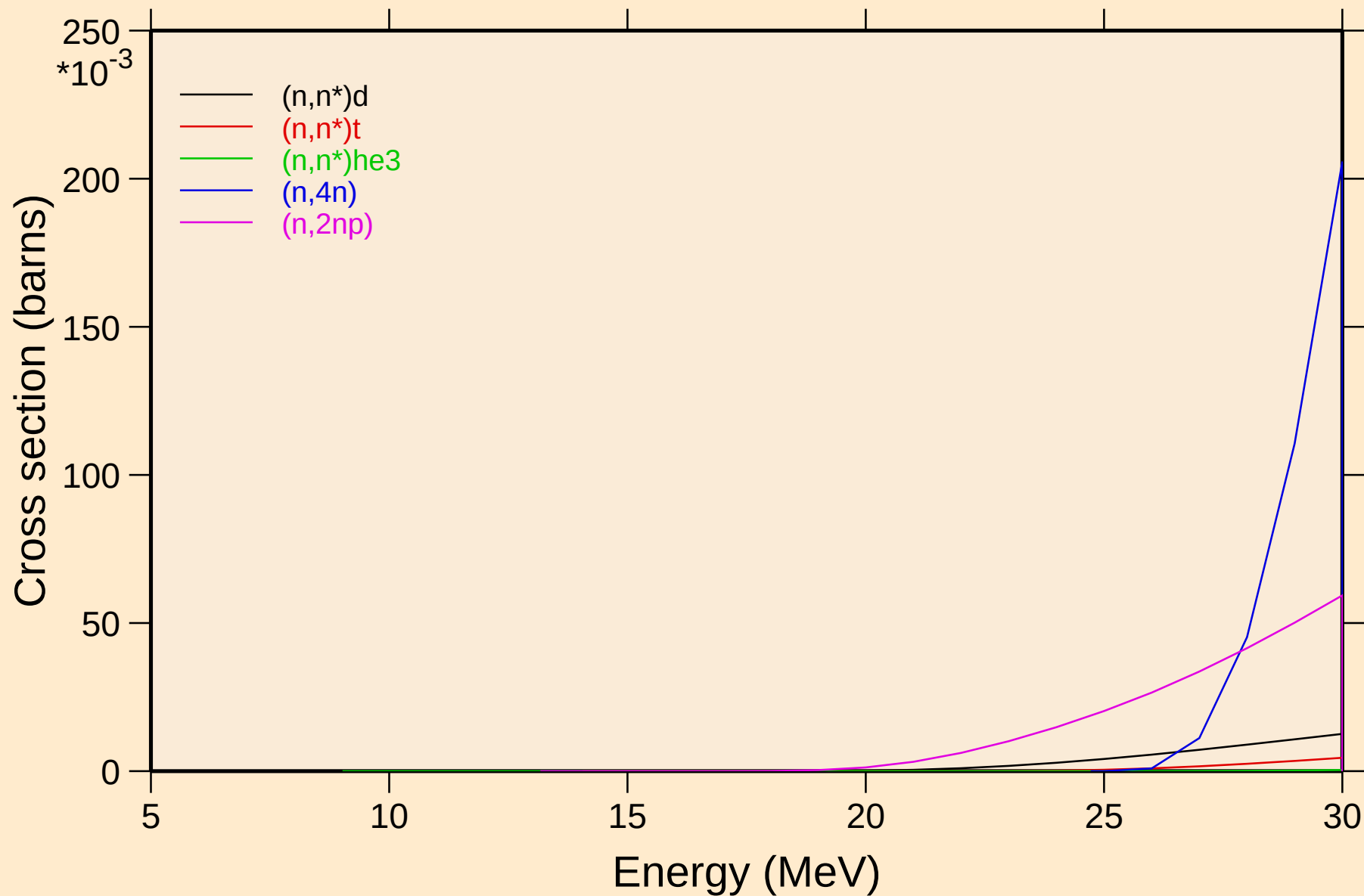


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

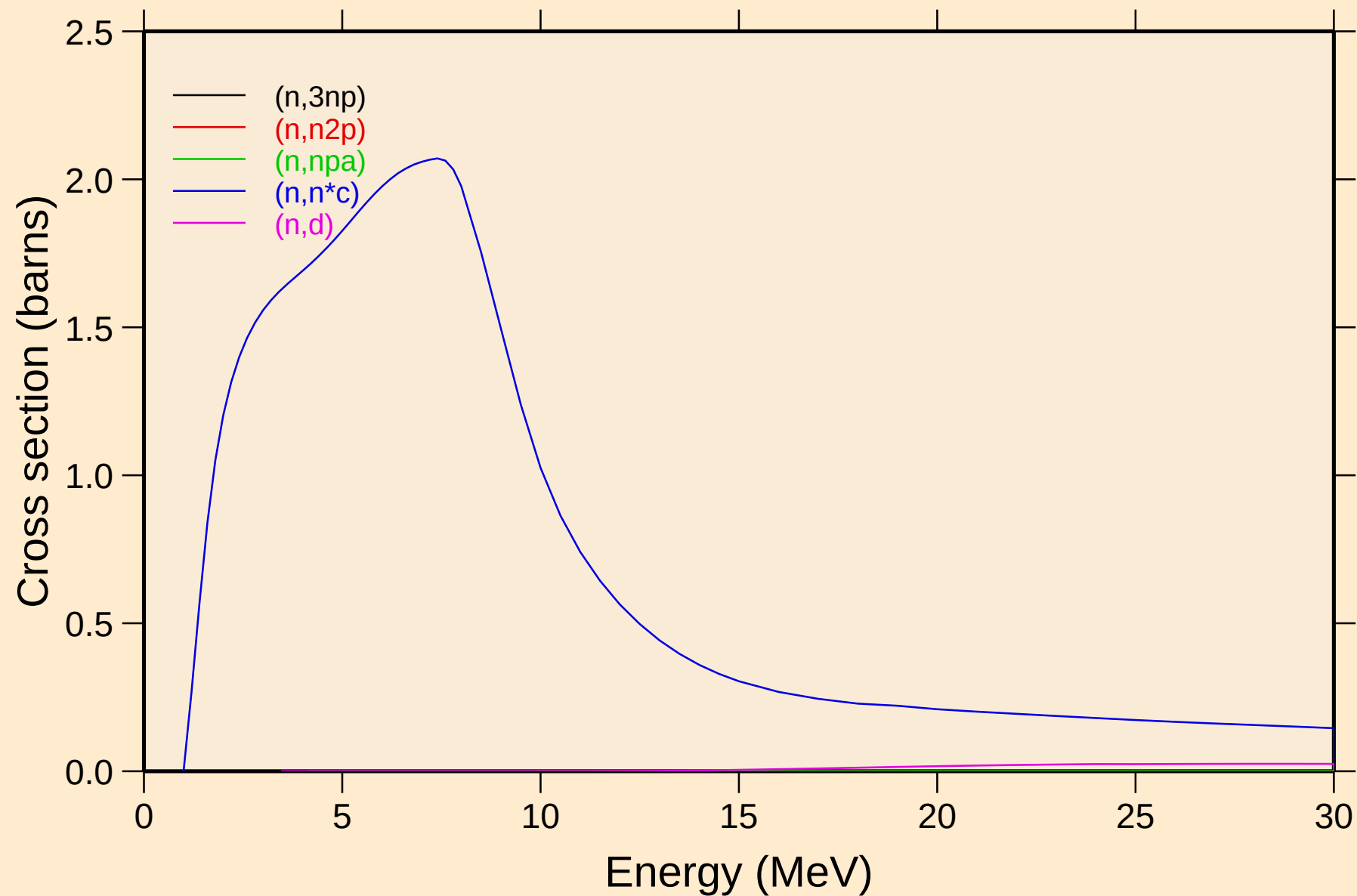


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

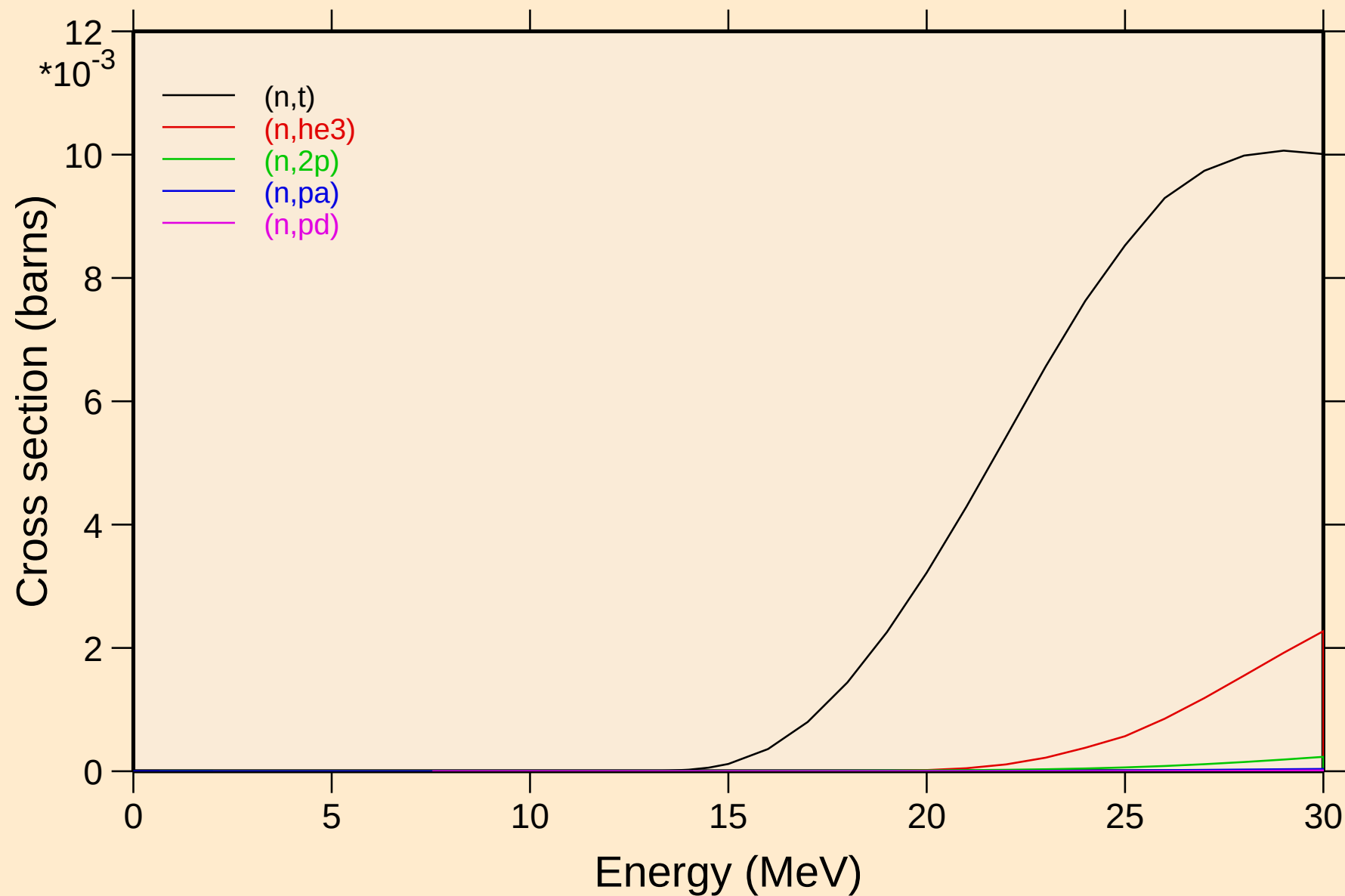
Threshold reactions



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

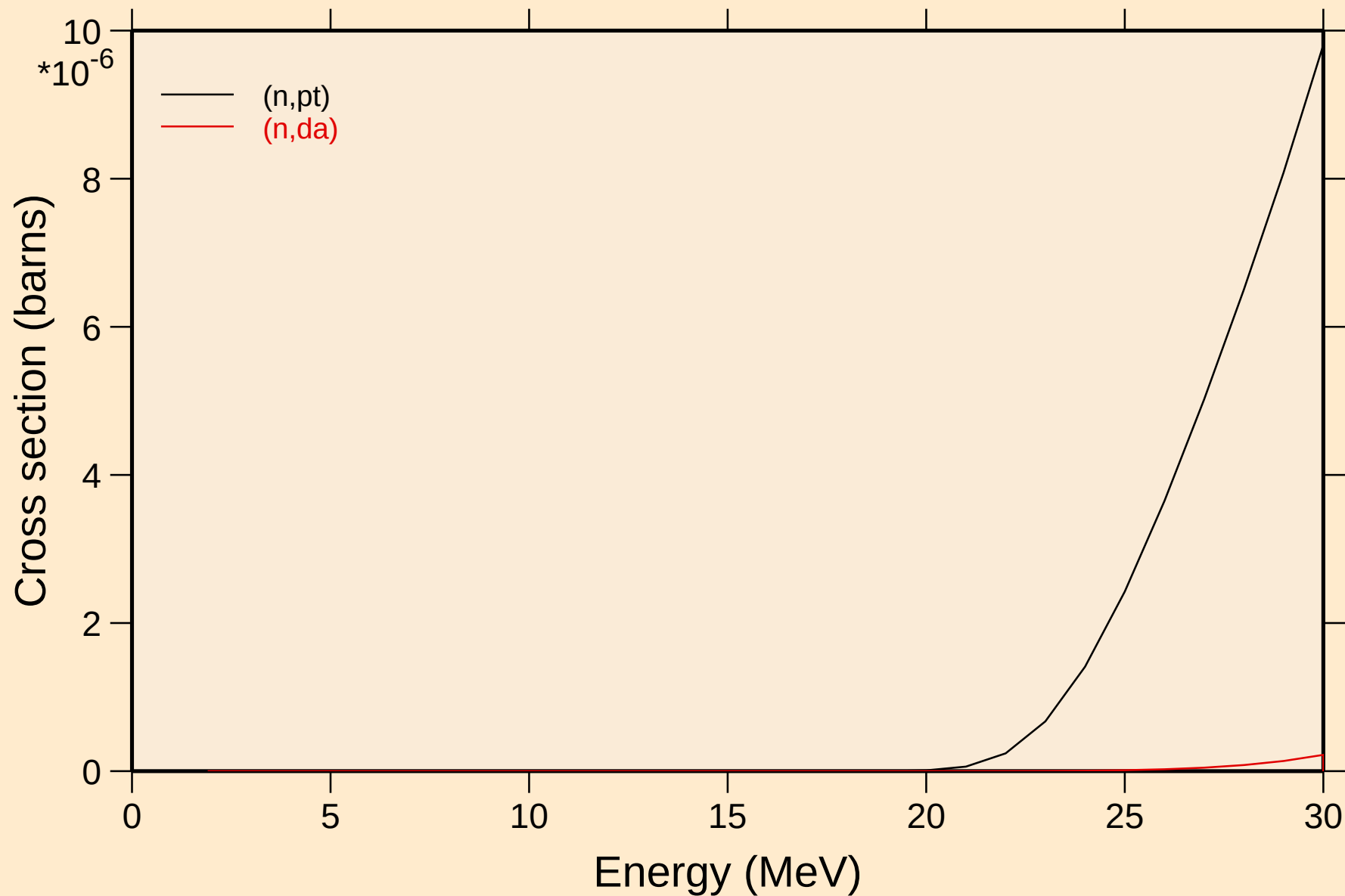


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

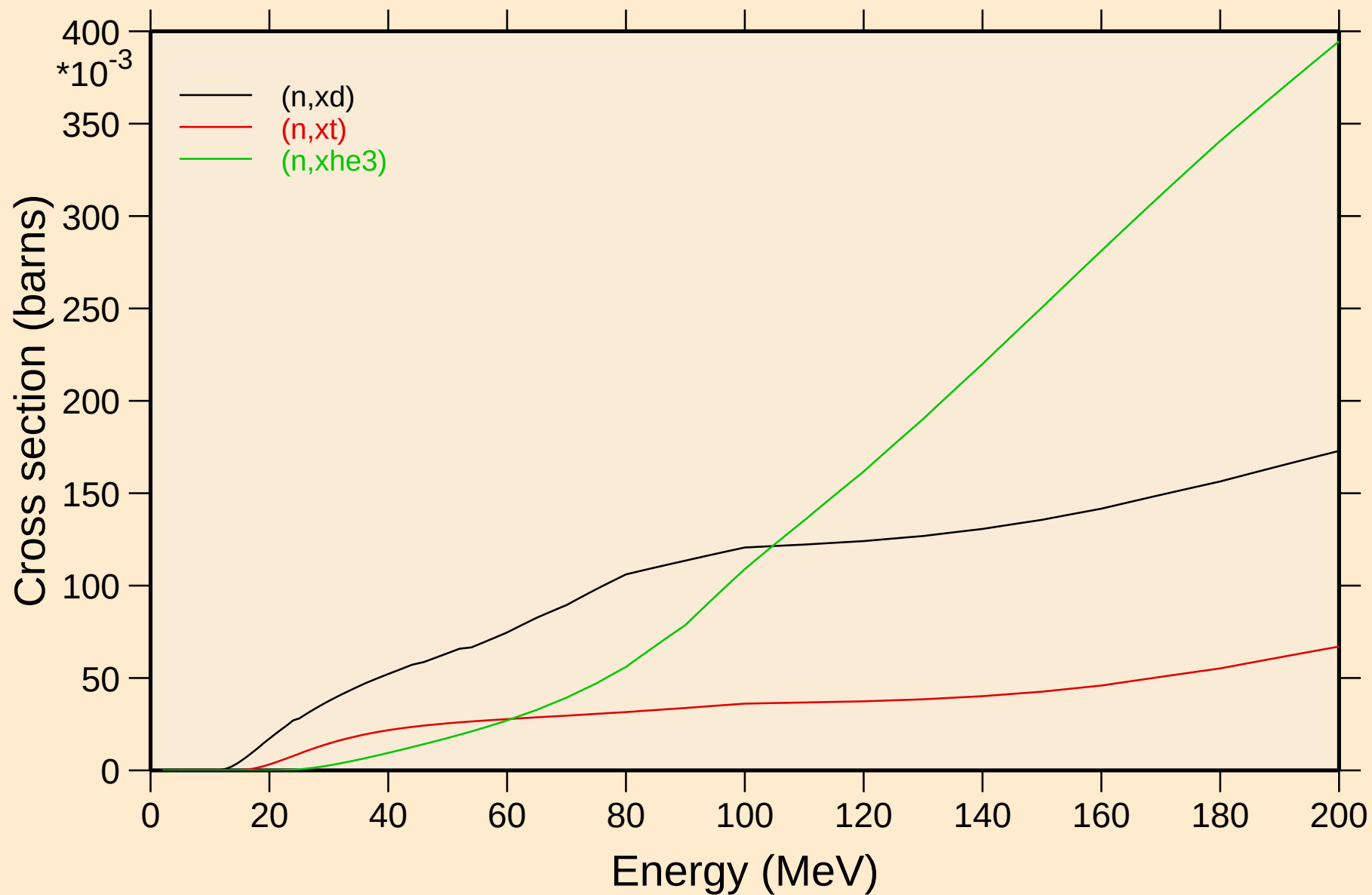


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

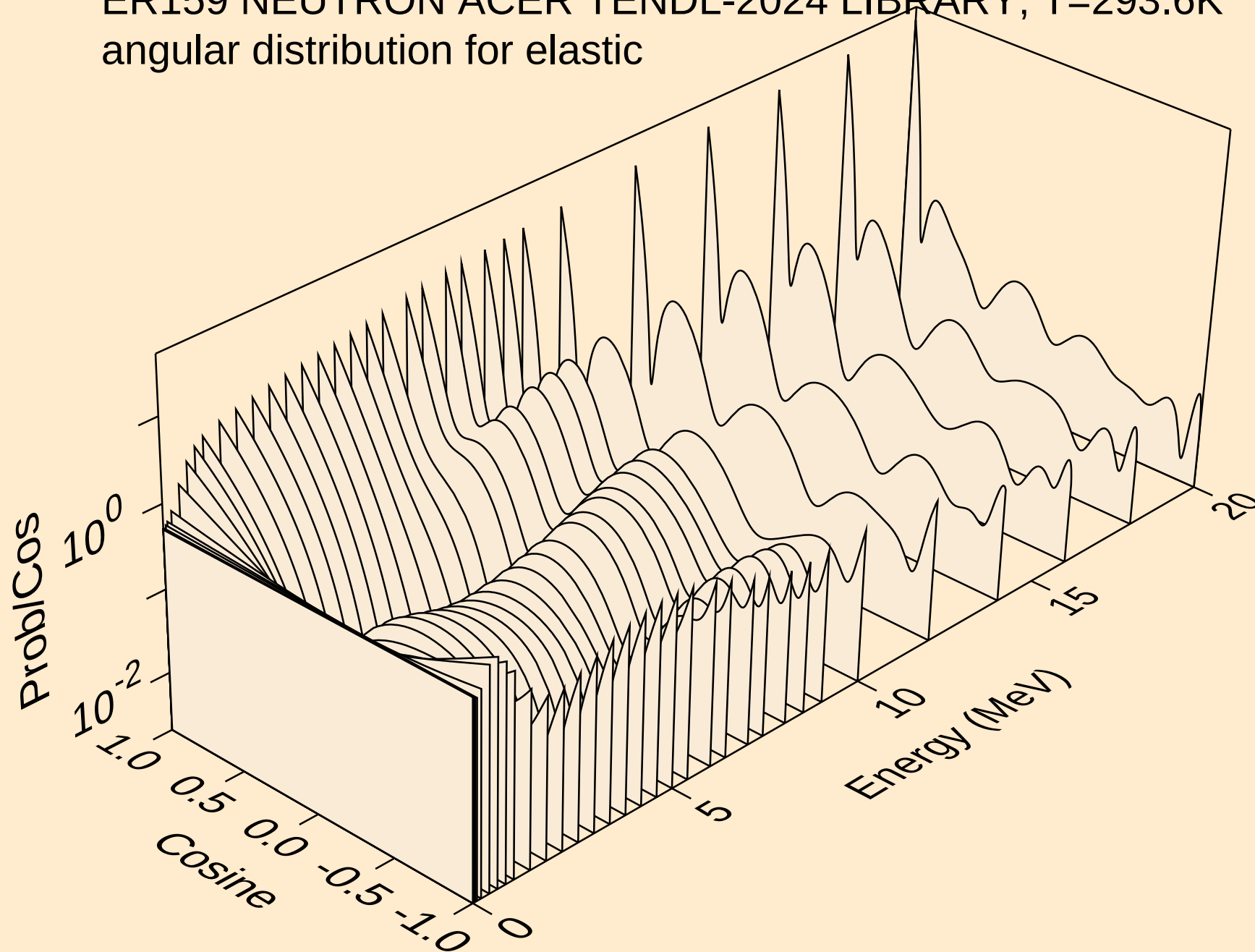
Threshold reactions



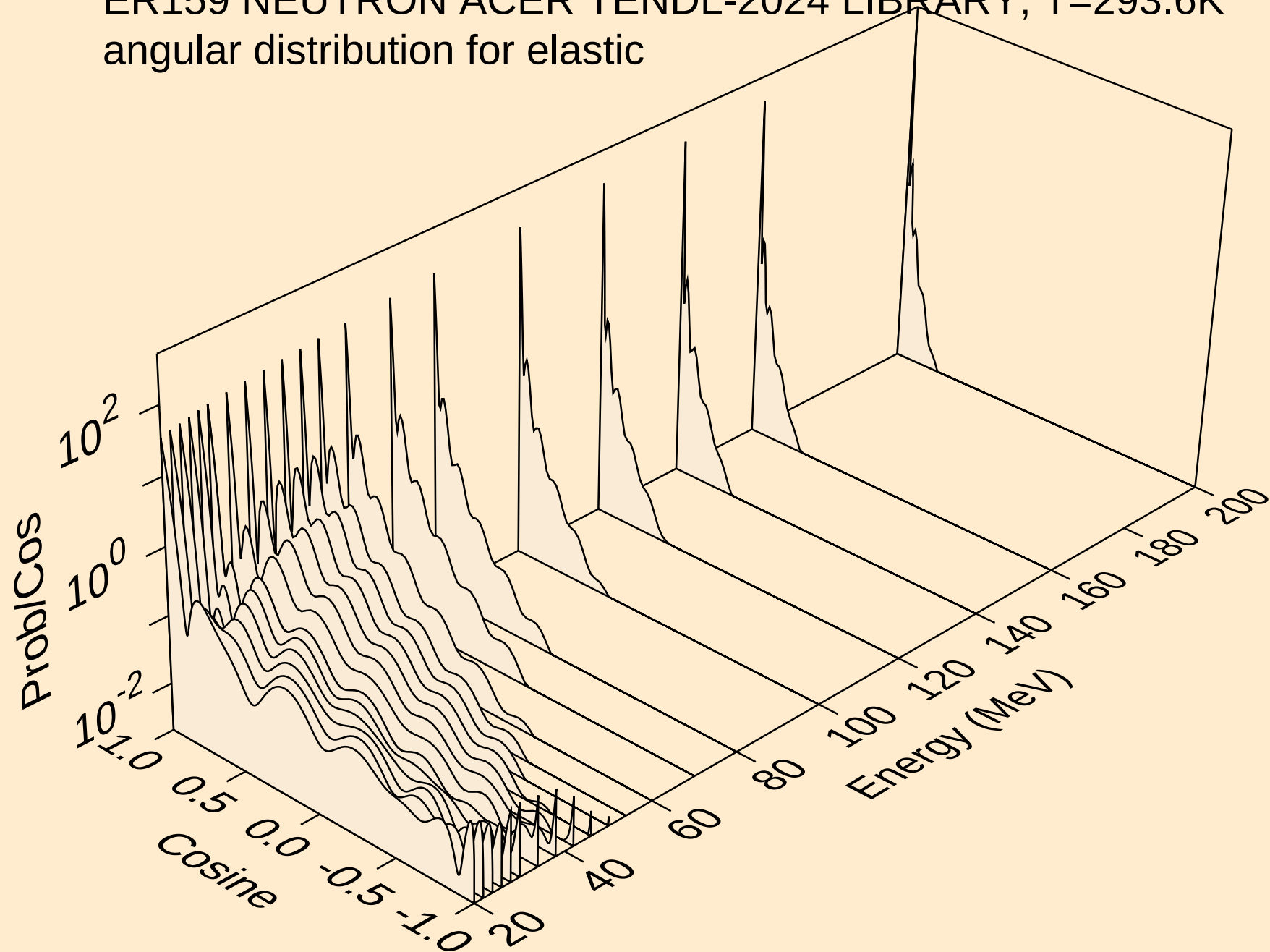
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



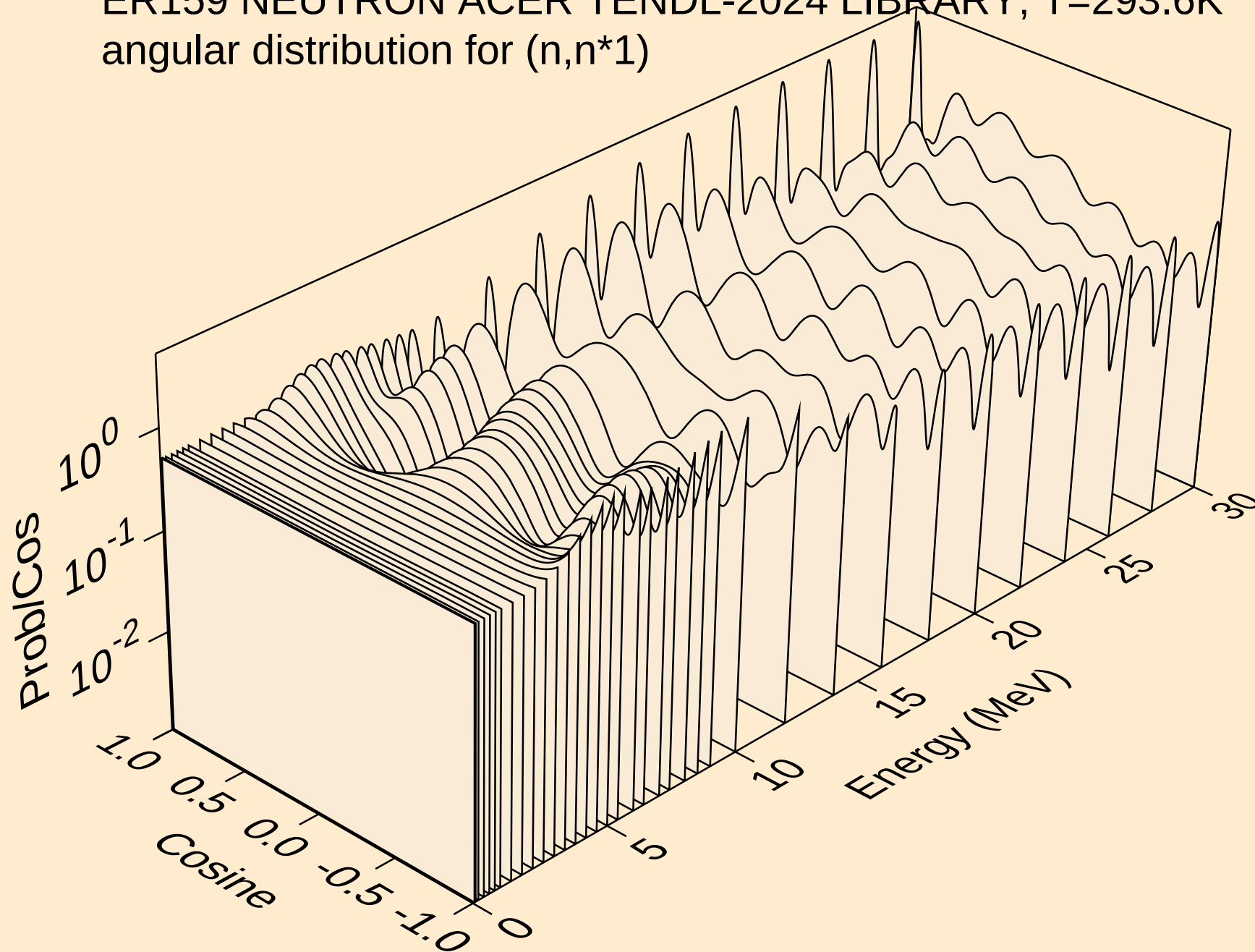
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



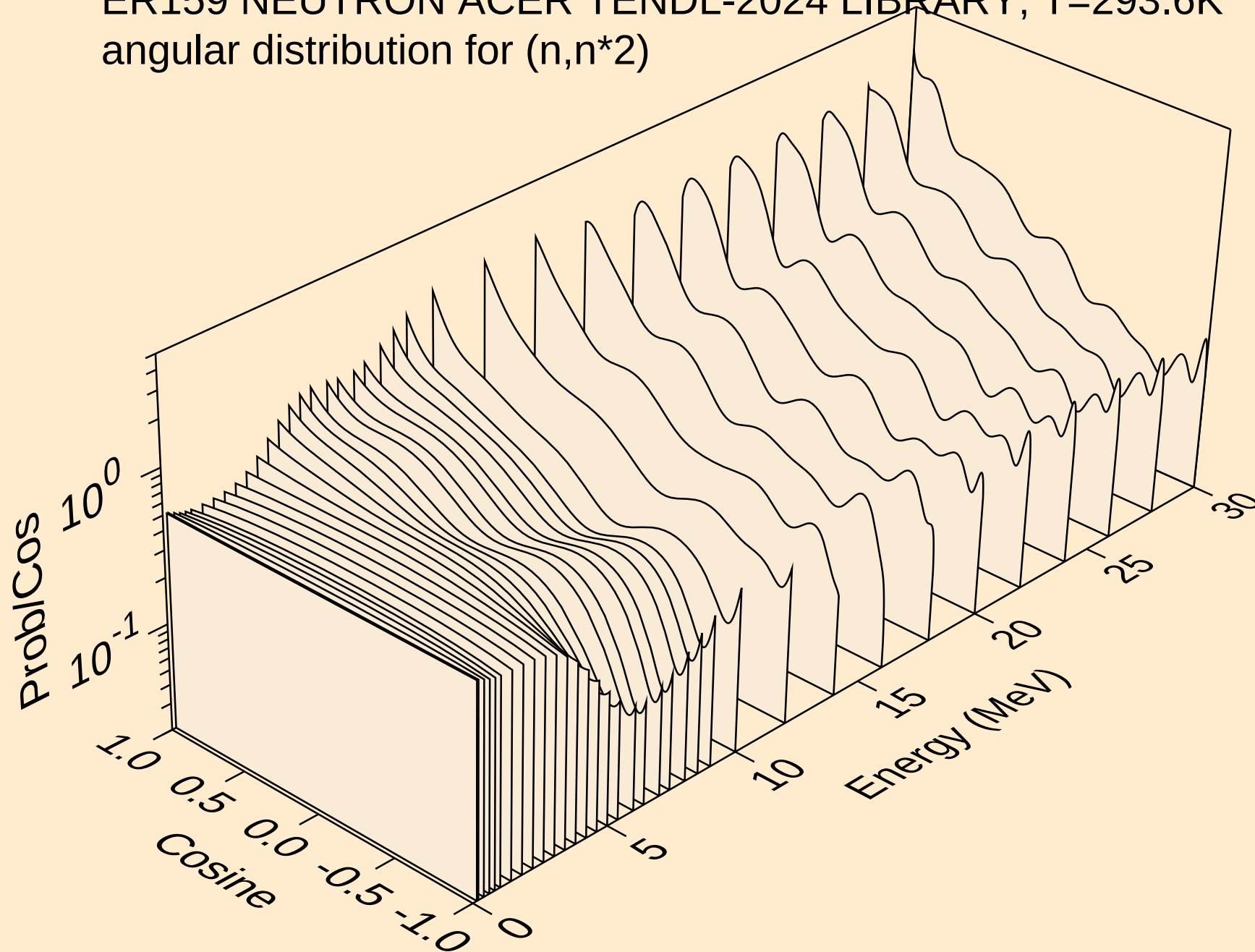
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



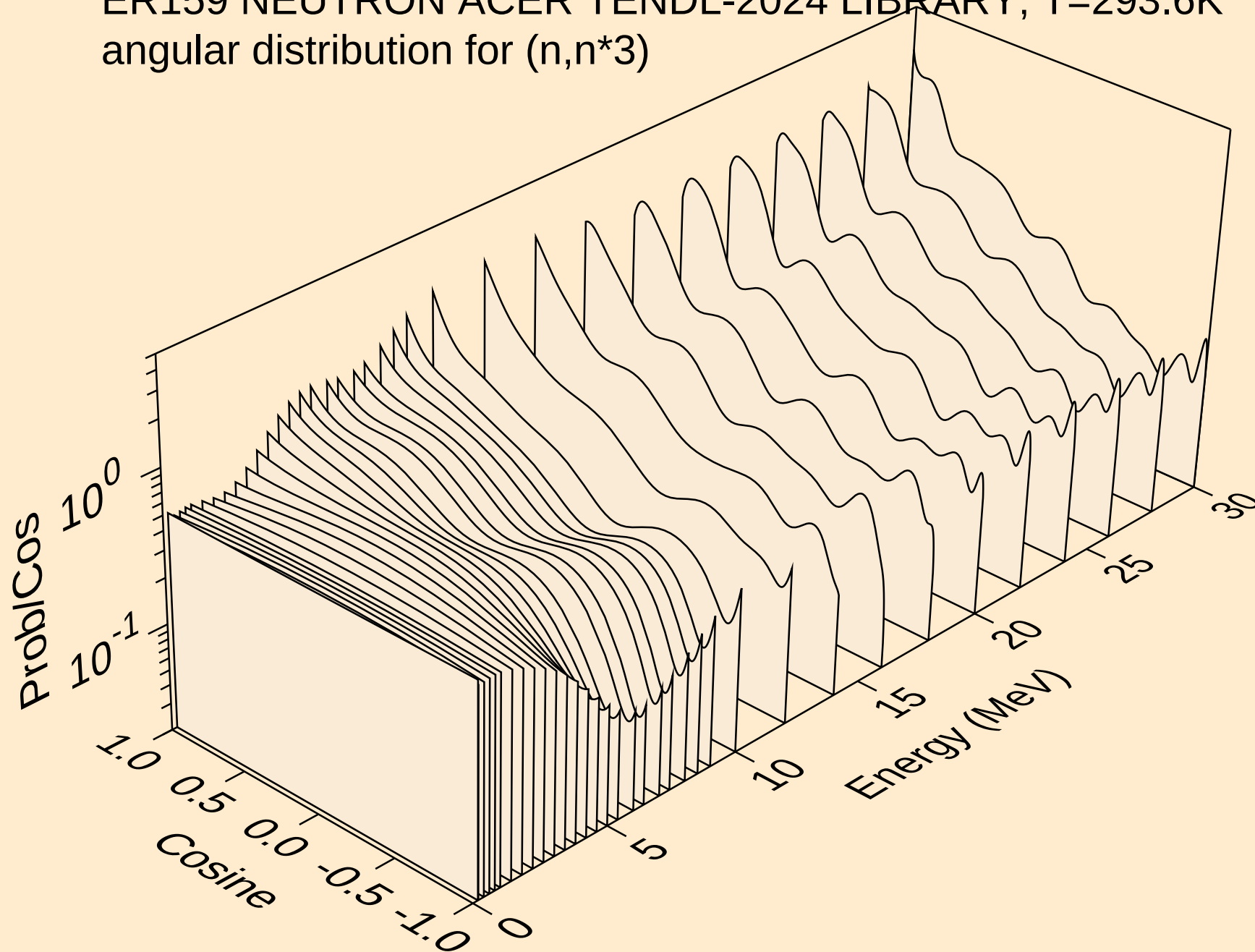
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



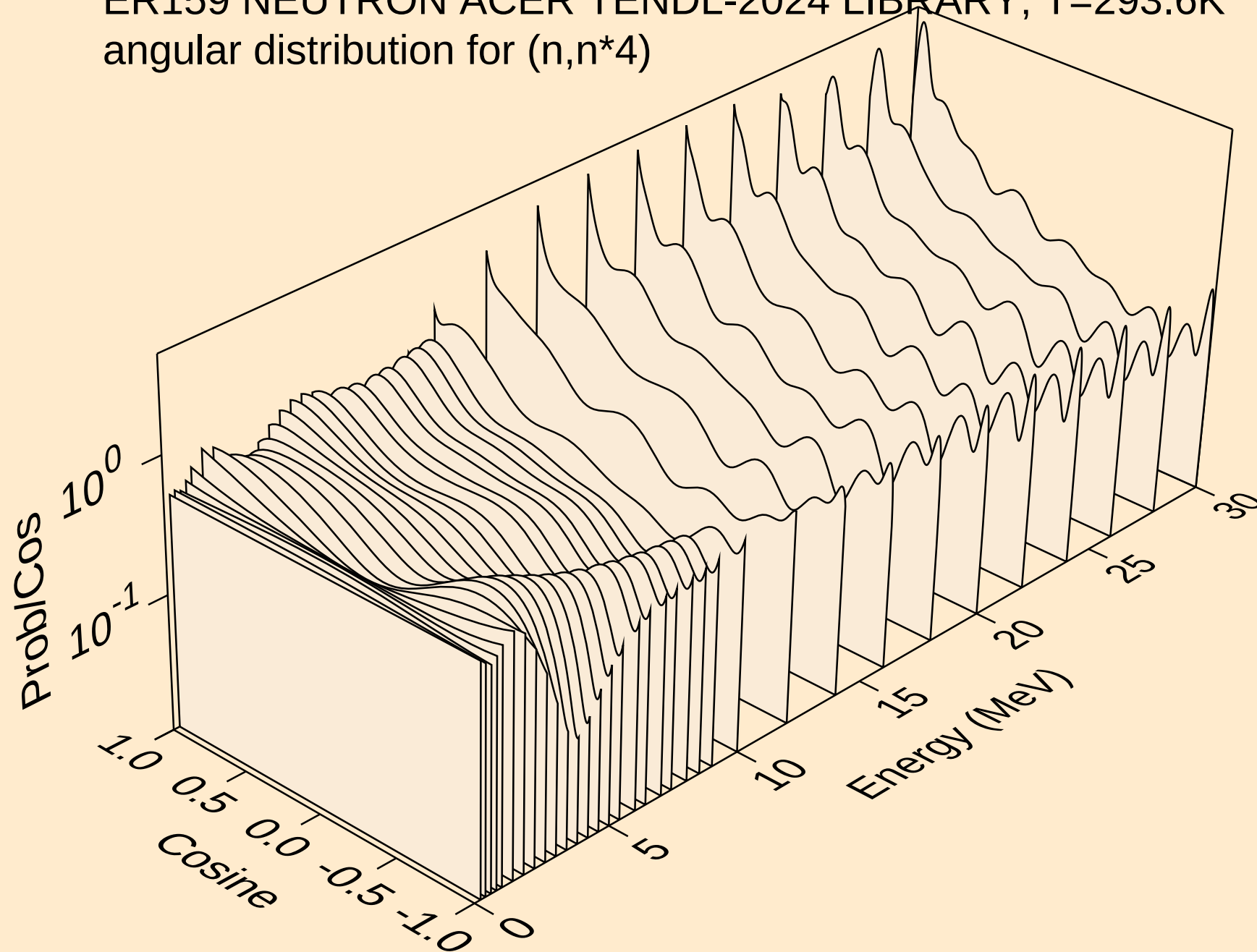
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



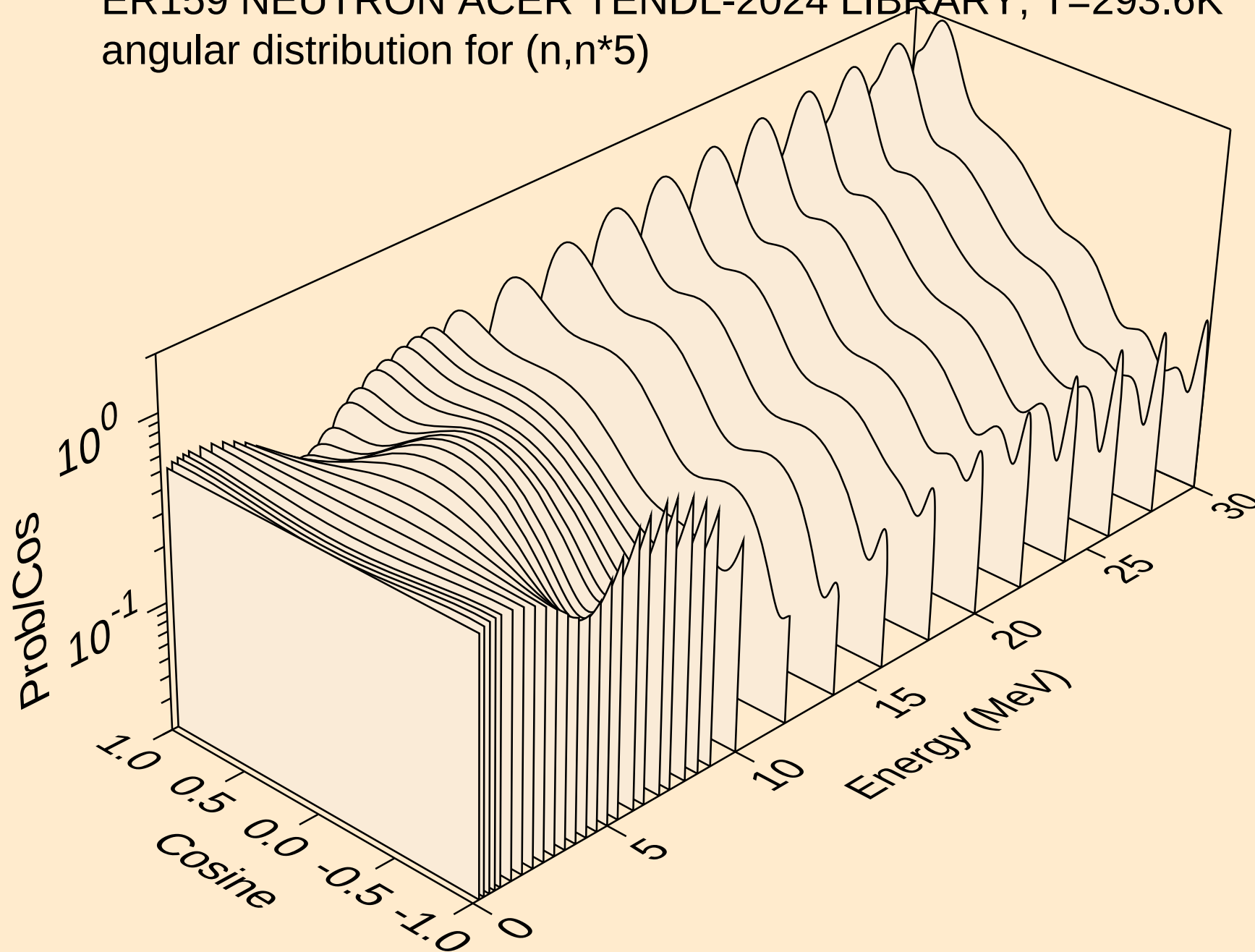
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



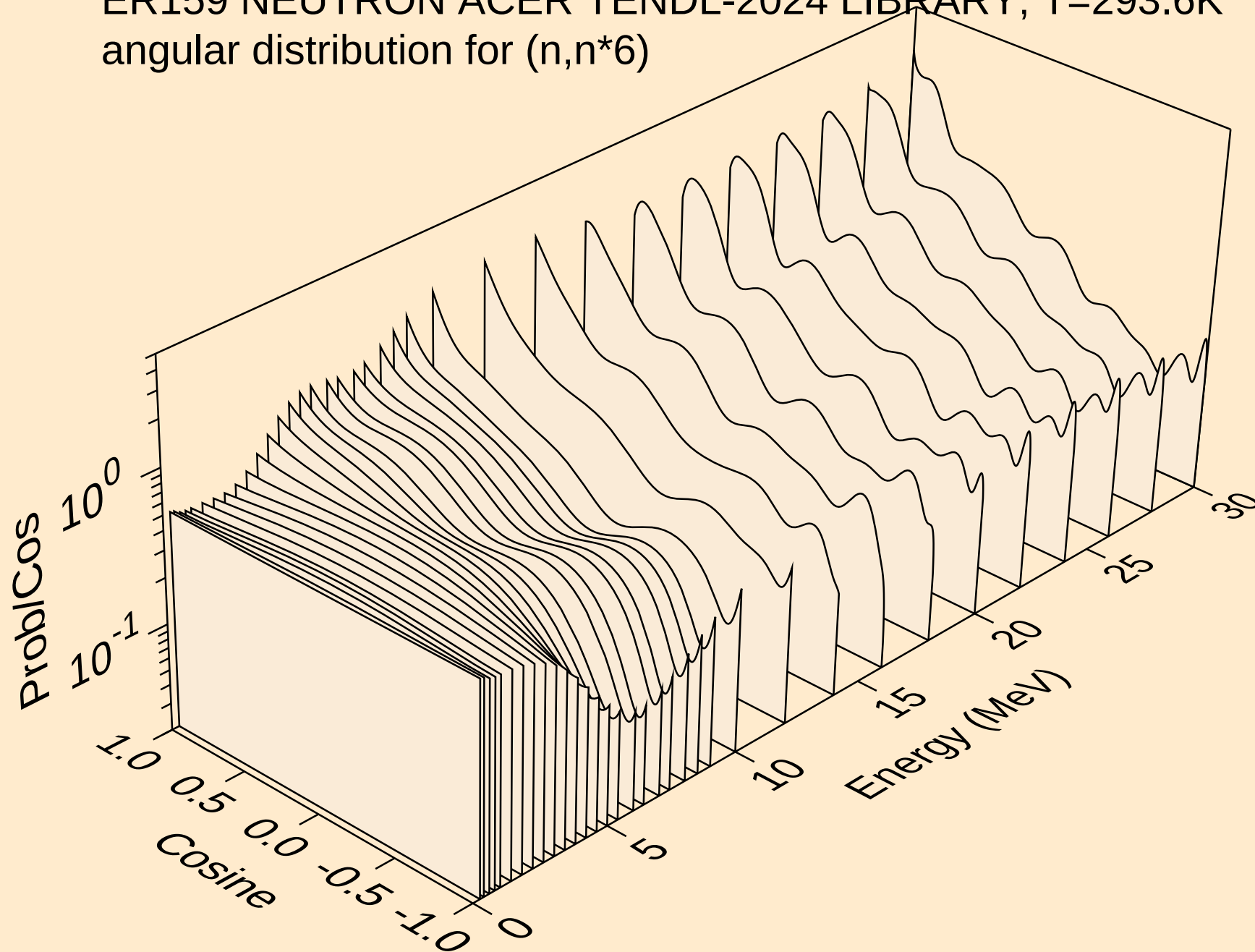
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



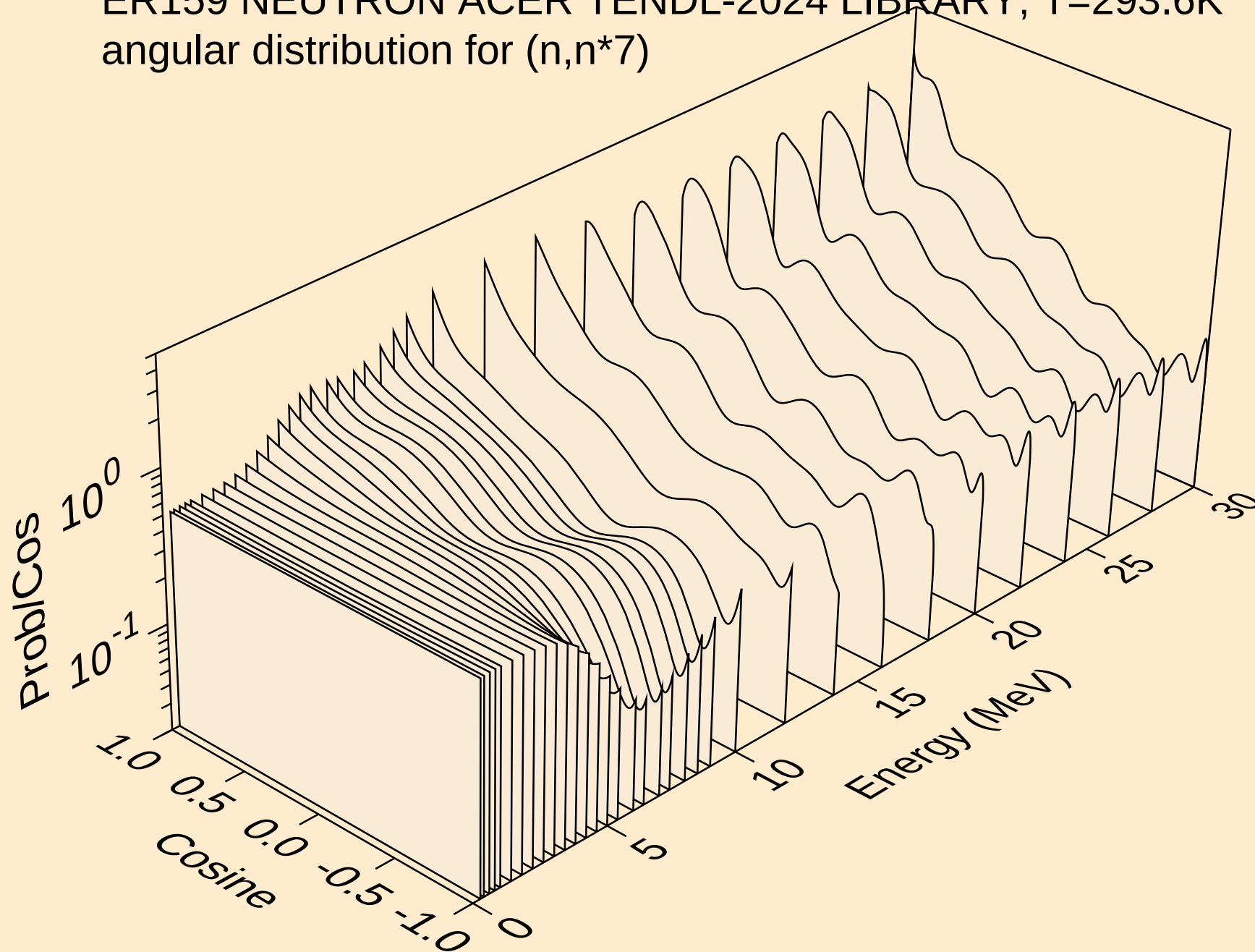
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



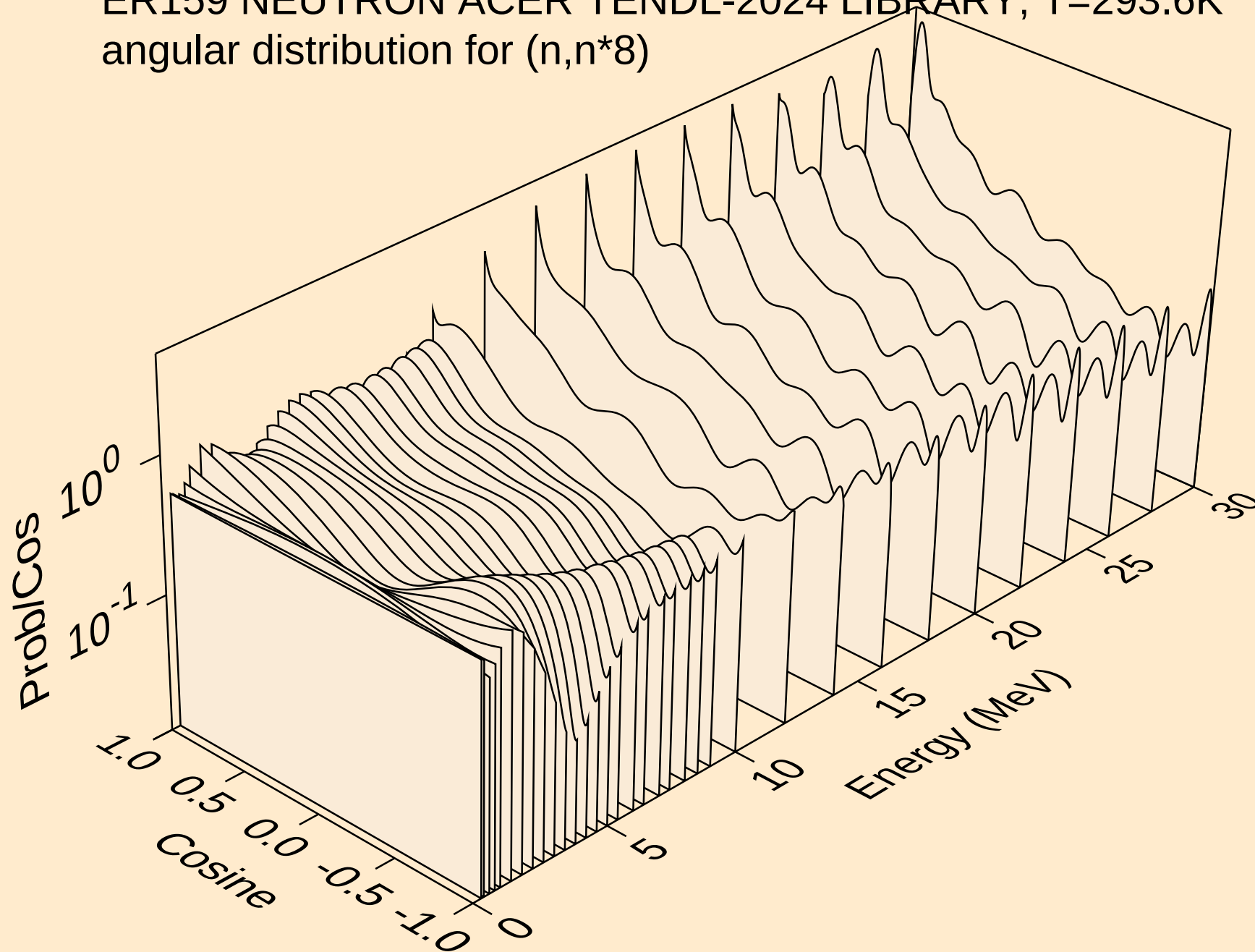
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



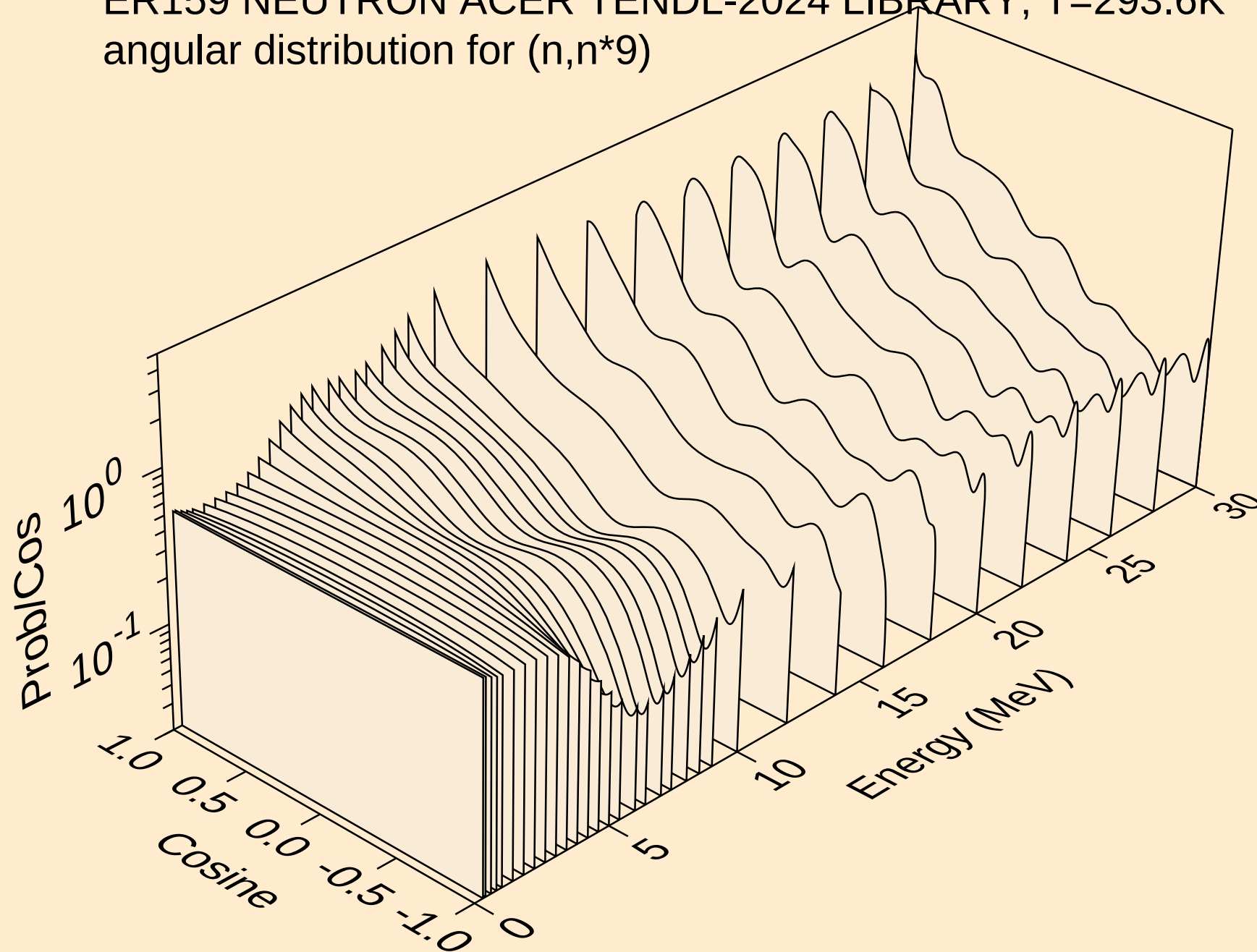
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



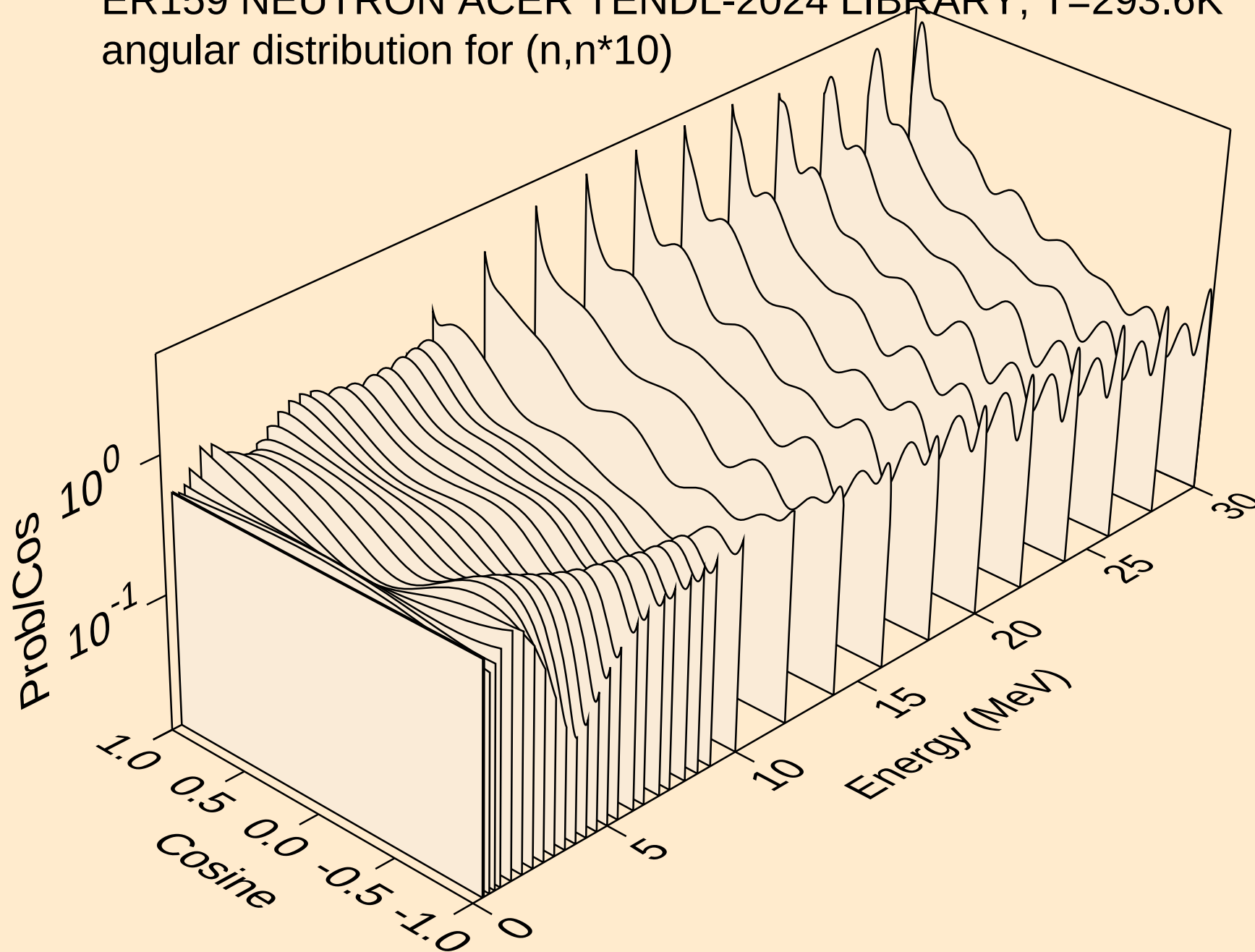
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angular distribution for (n,n*8)



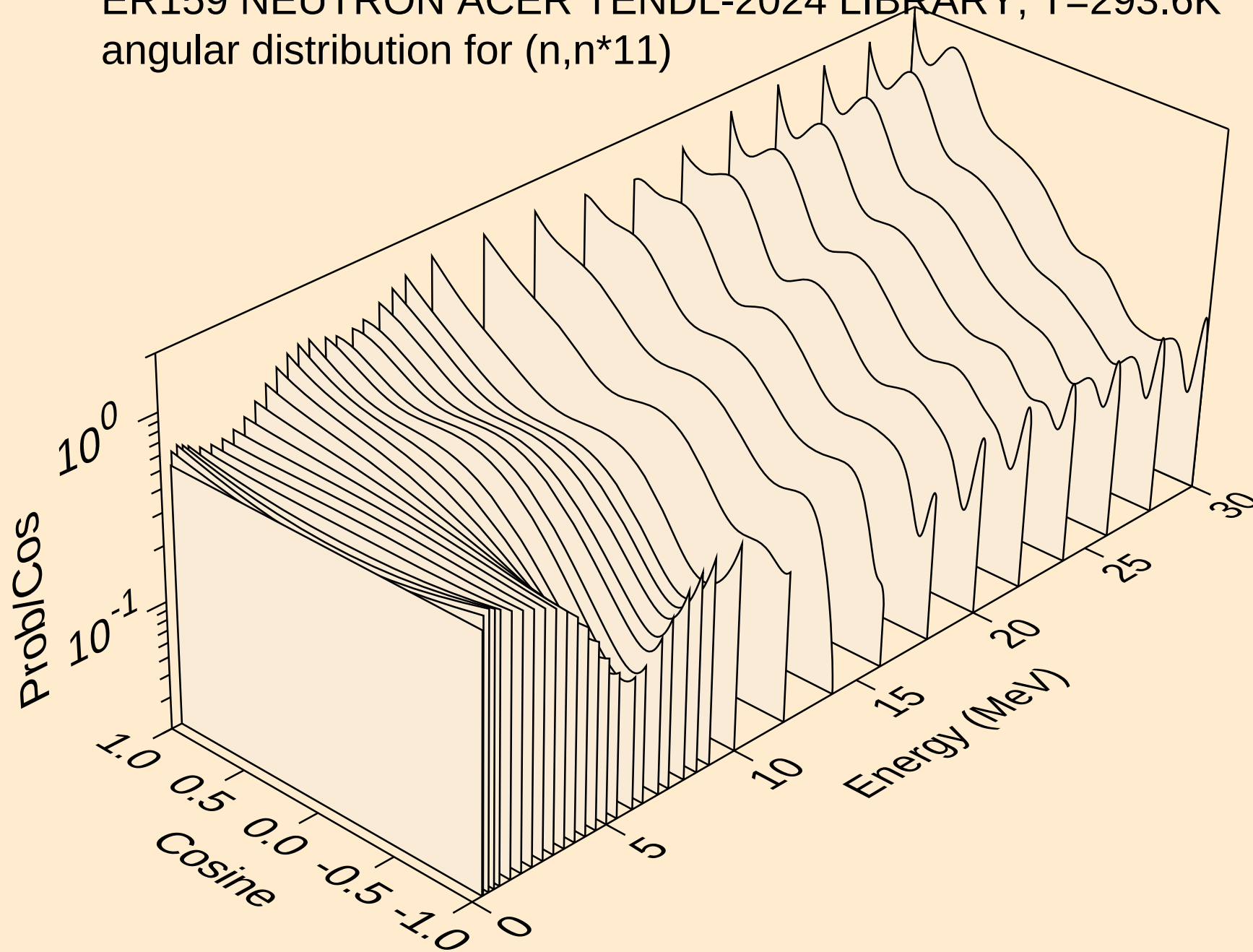
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



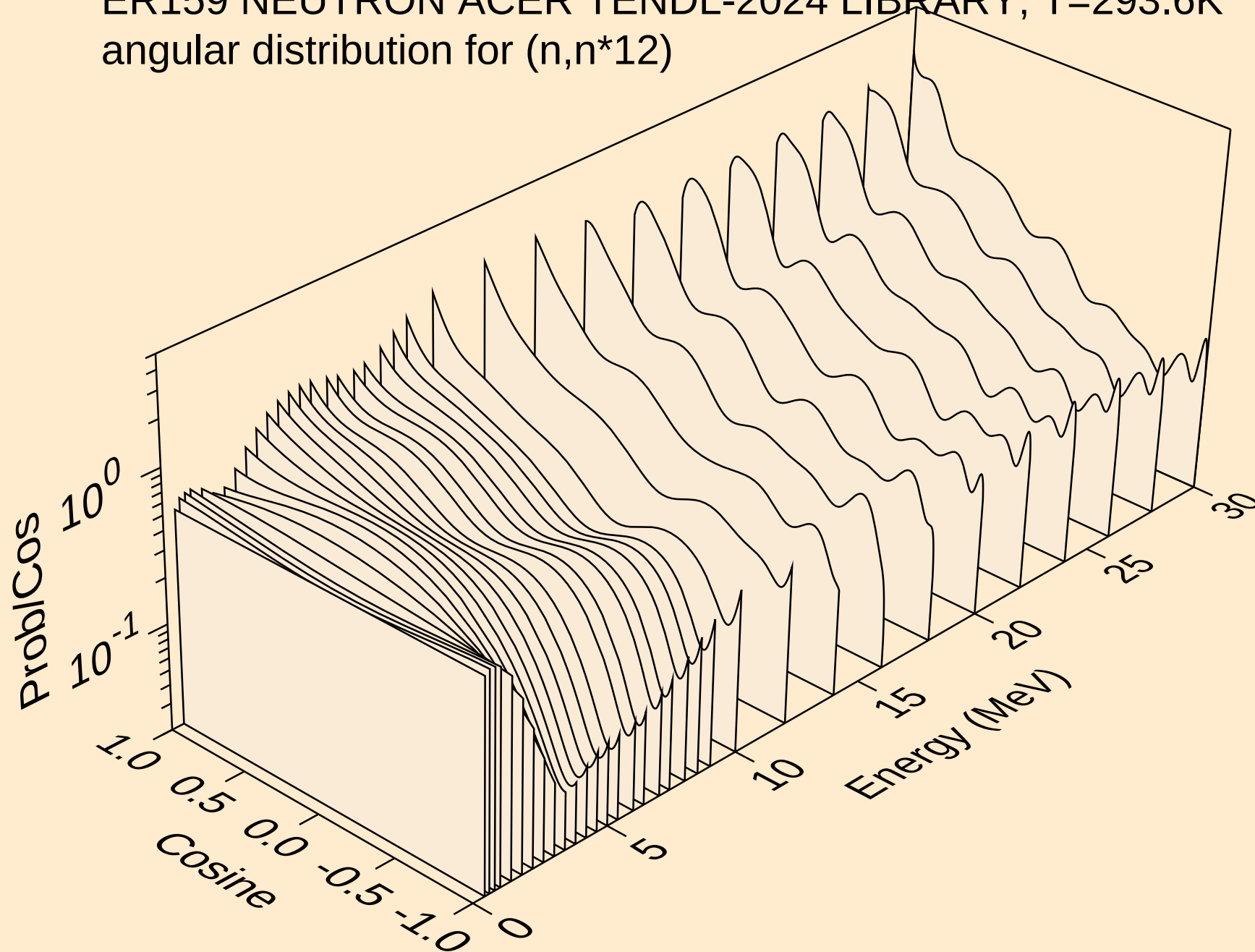
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



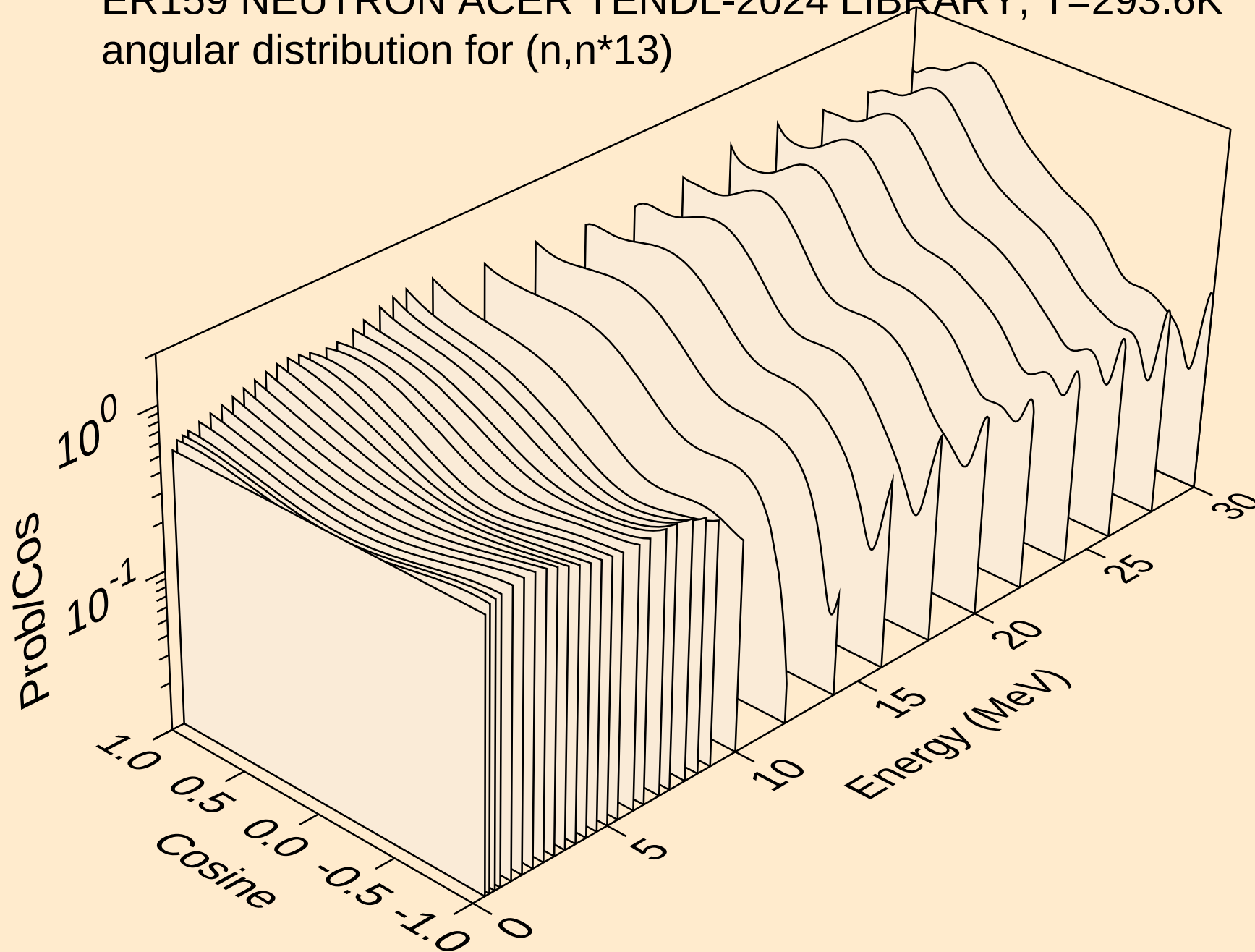
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angular distribution for (n,n*11)



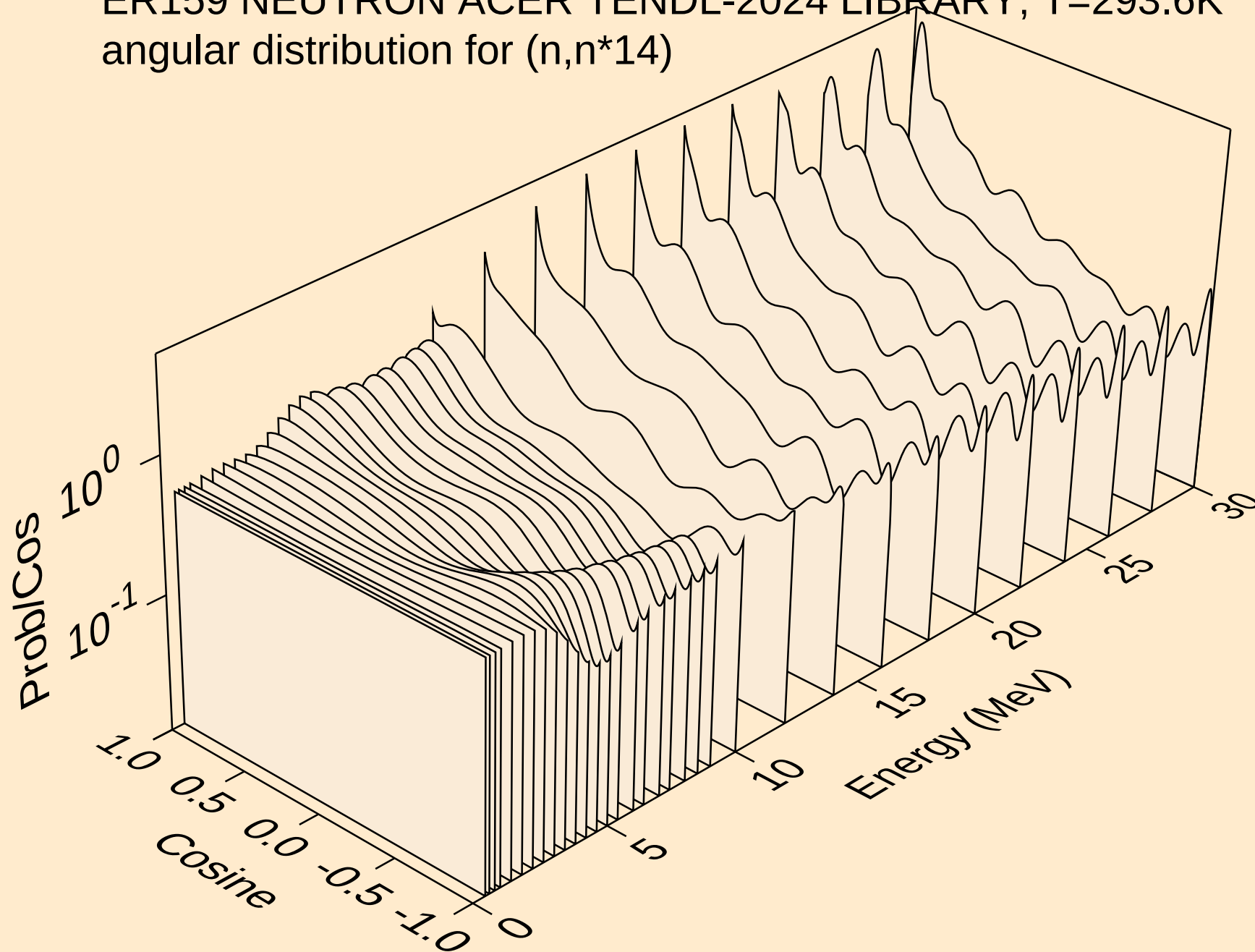
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



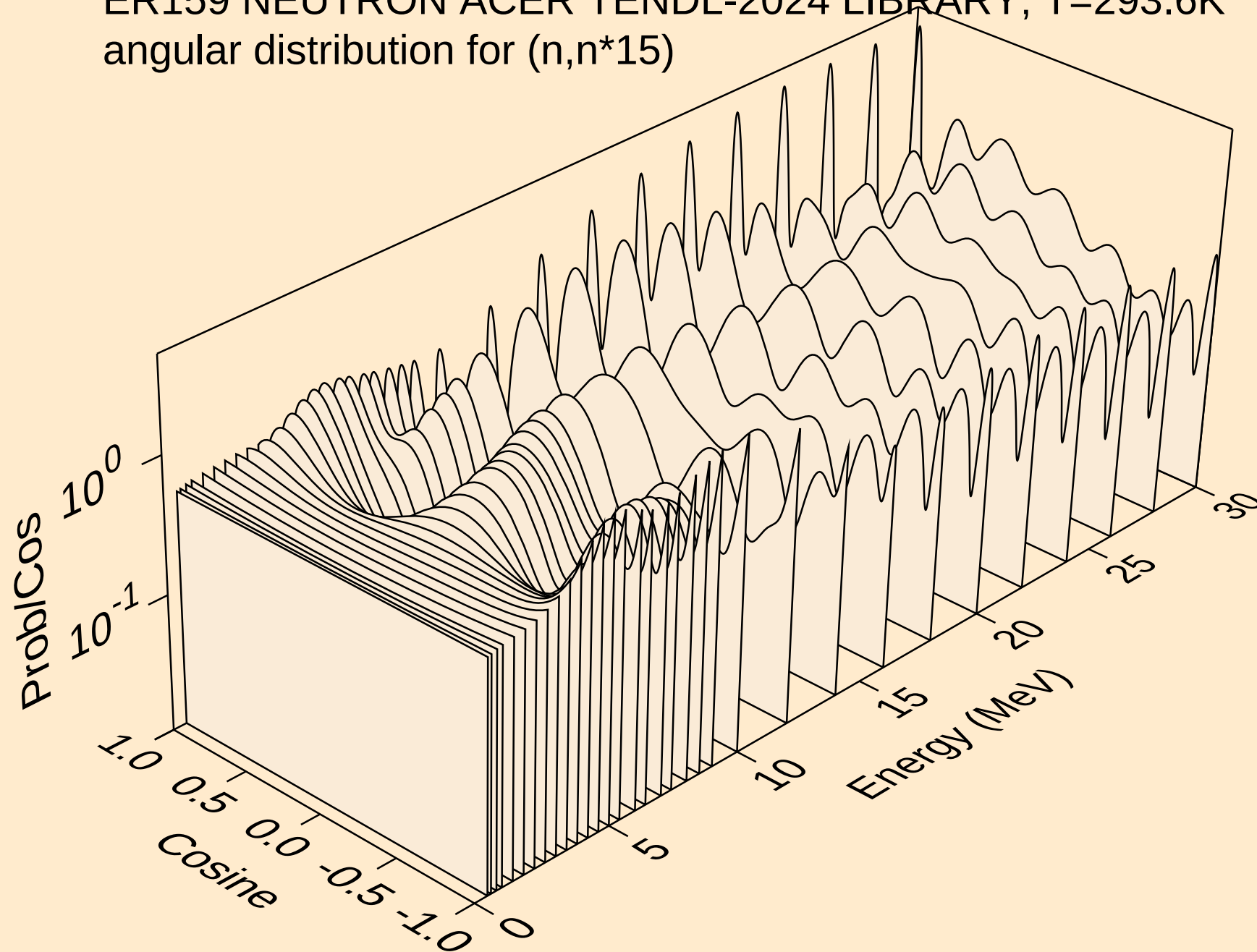
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



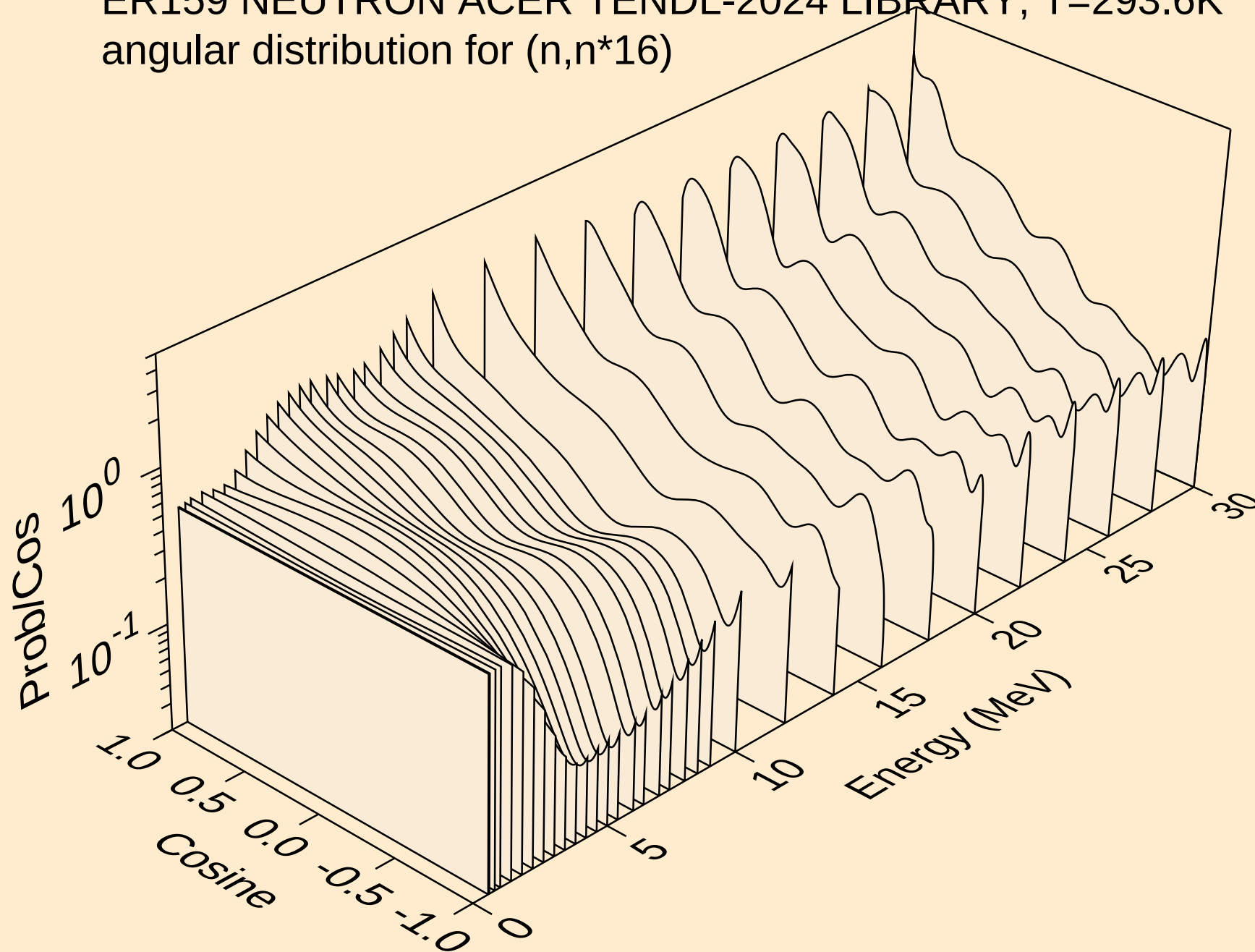
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



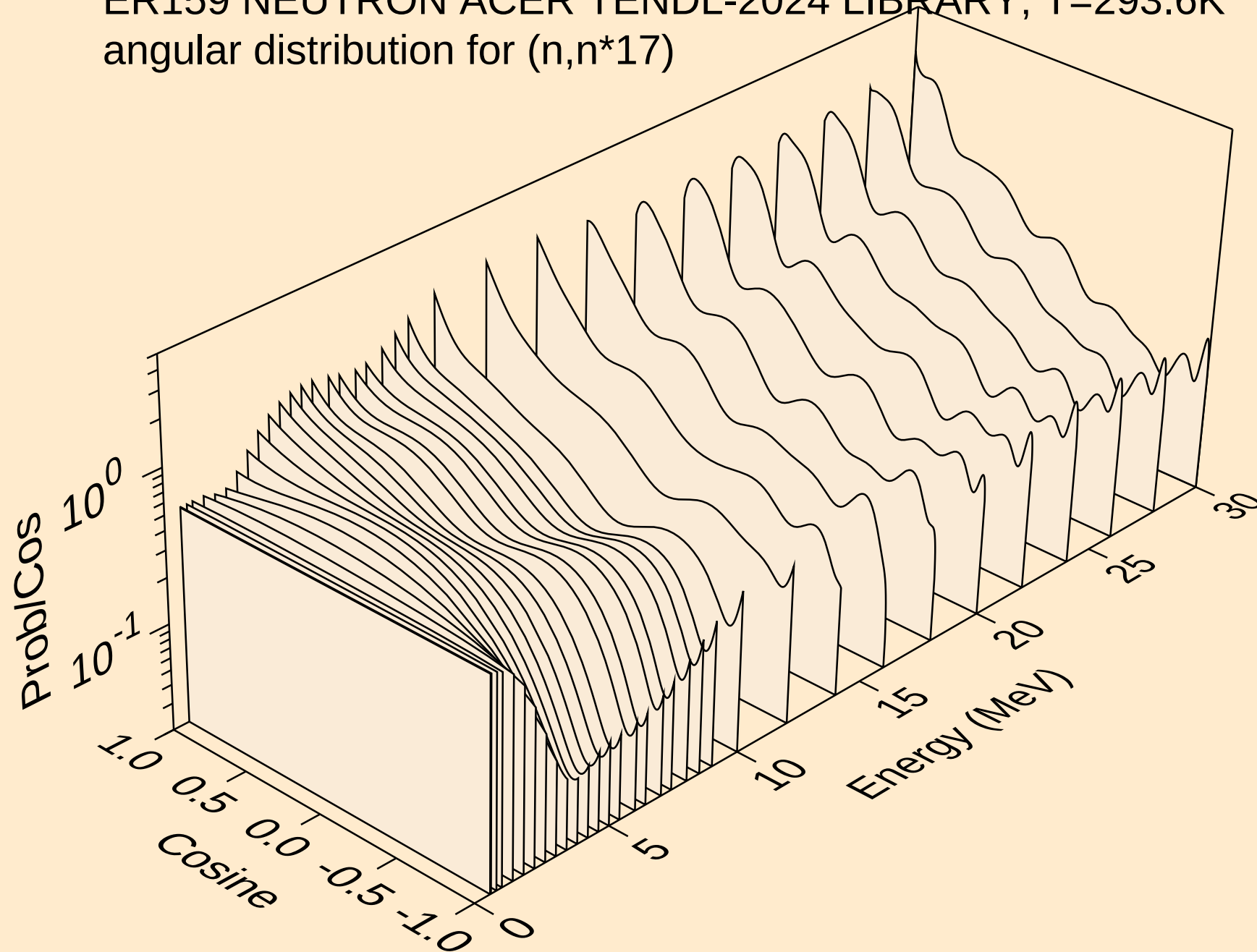
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



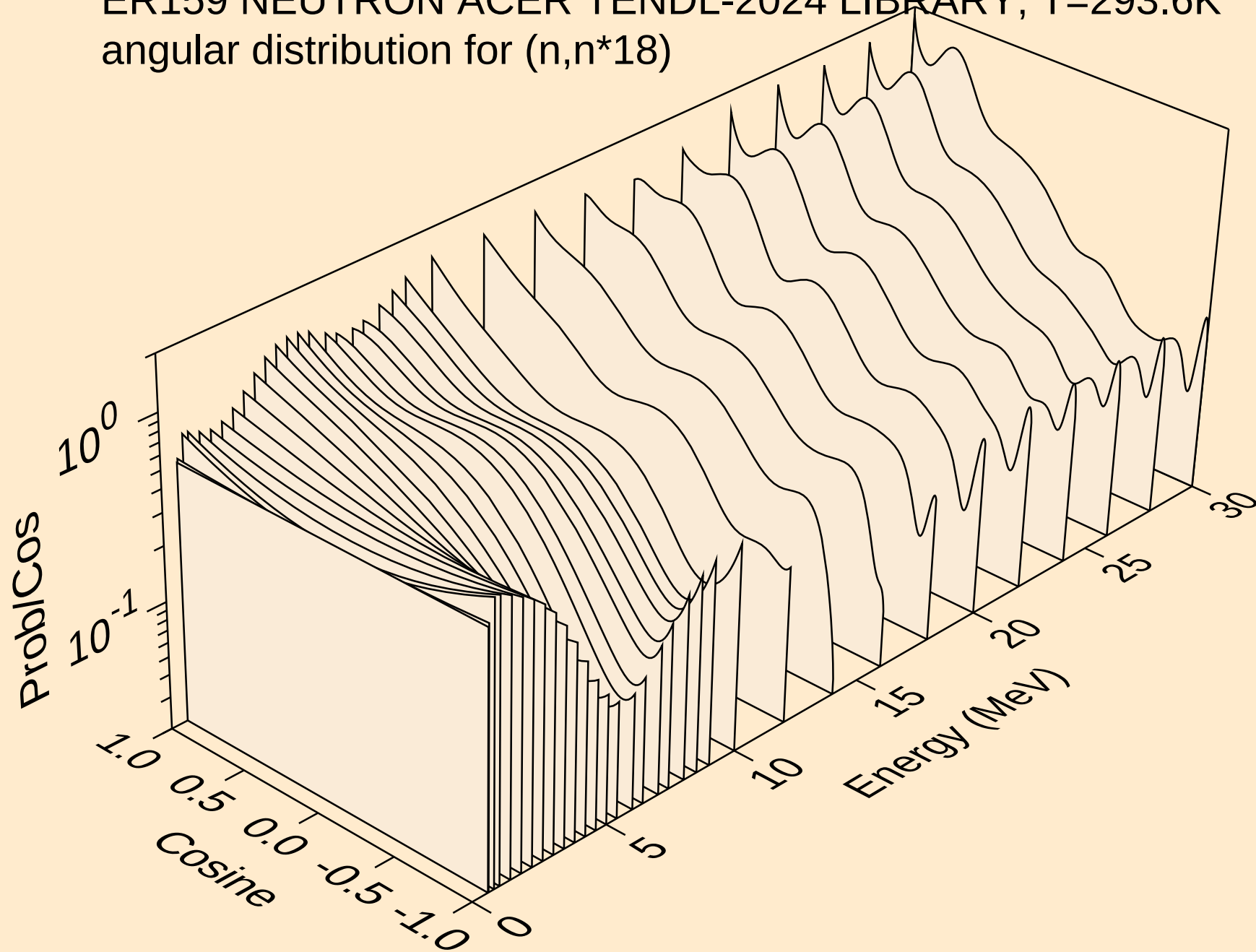
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



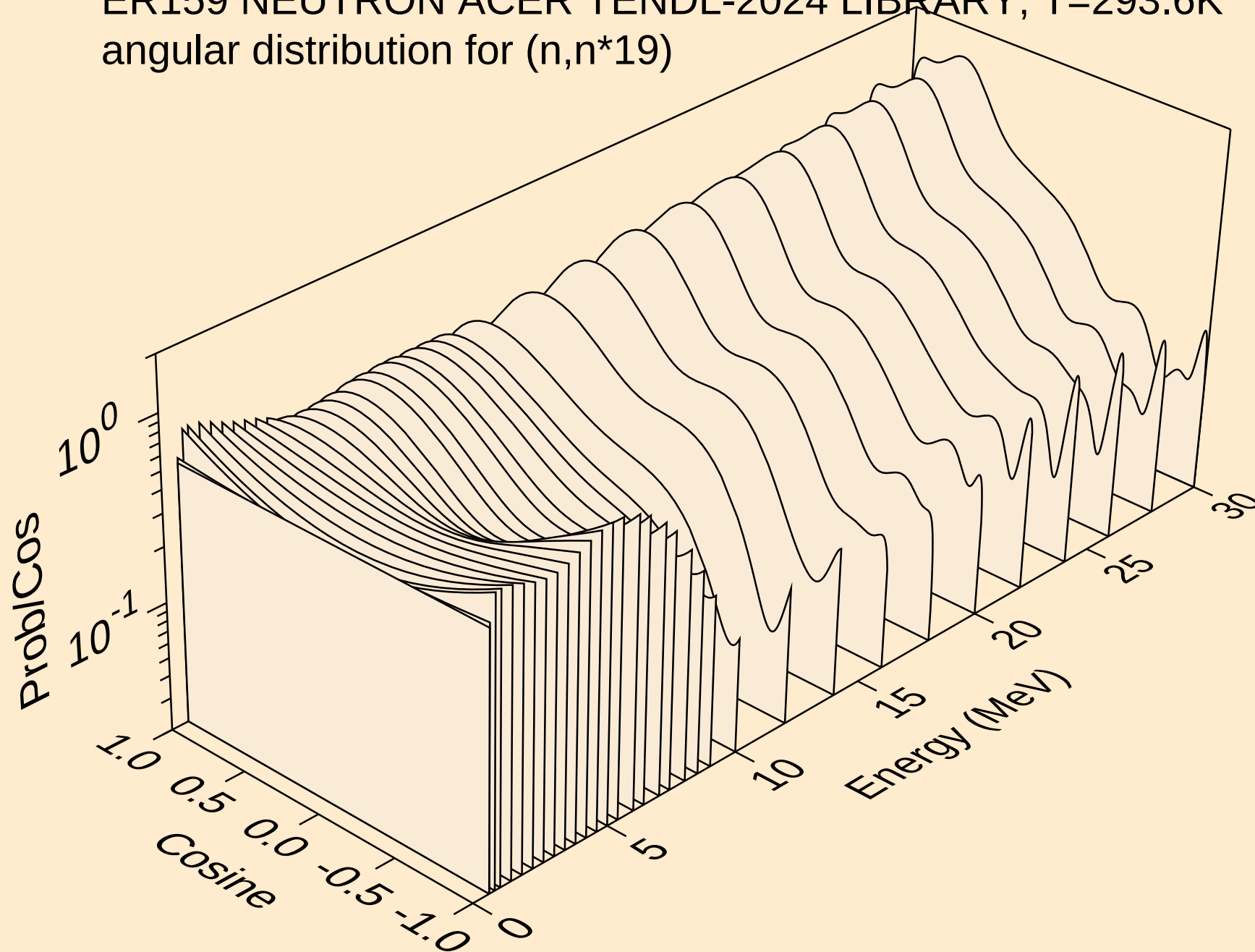
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angular distribution for (n,n*17)



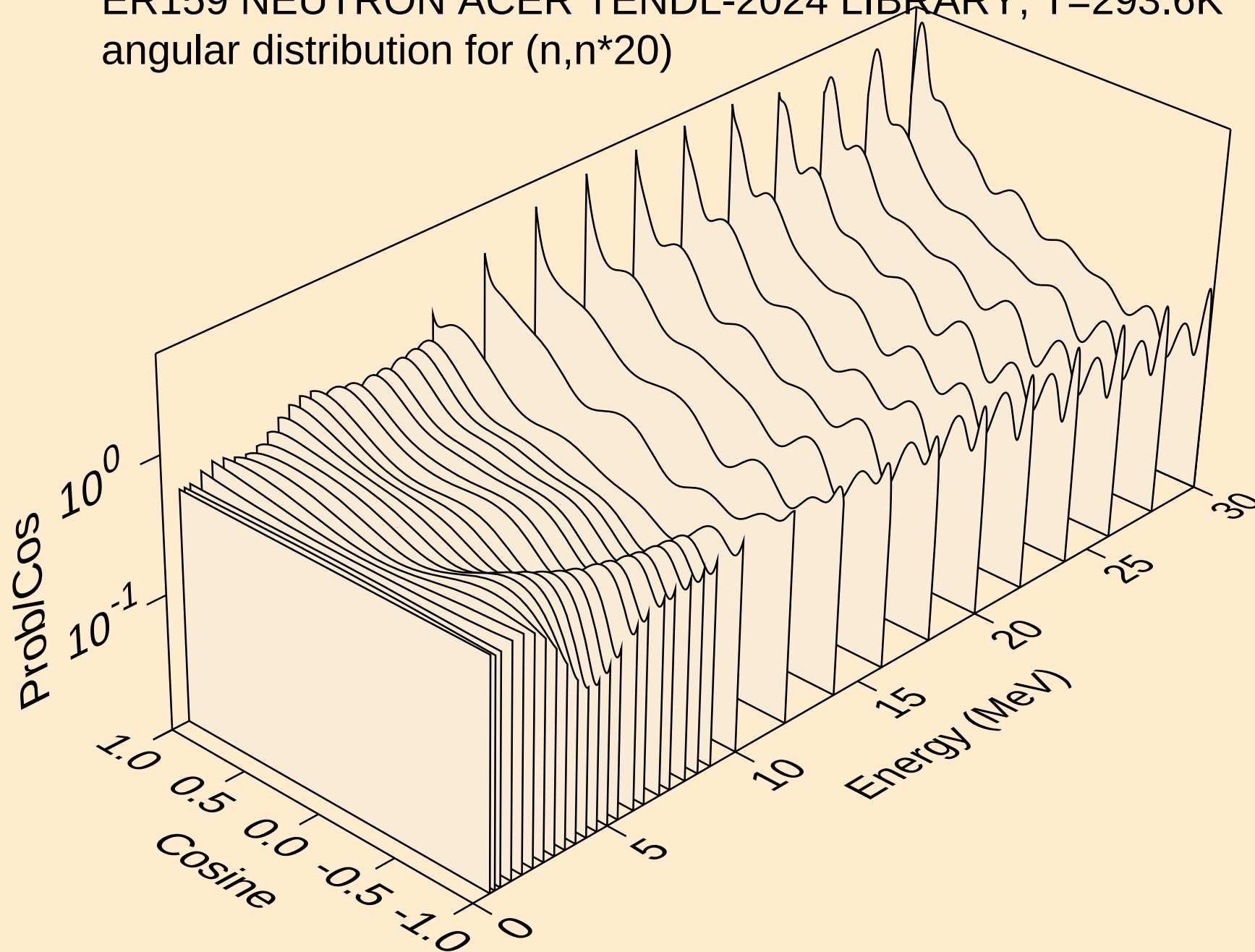
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angular distribution for (n,n*18)



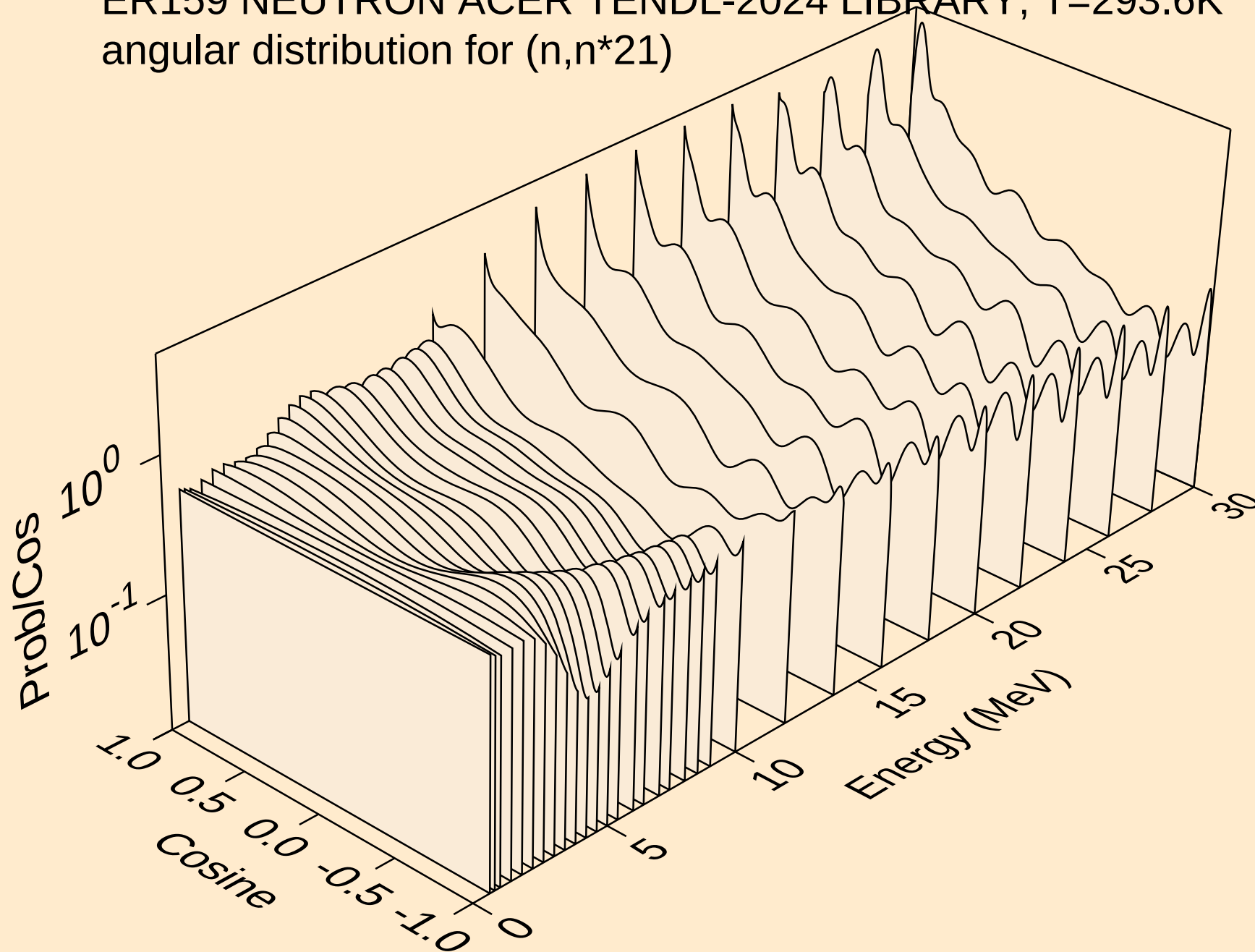
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angular distribution for (n,n*19)



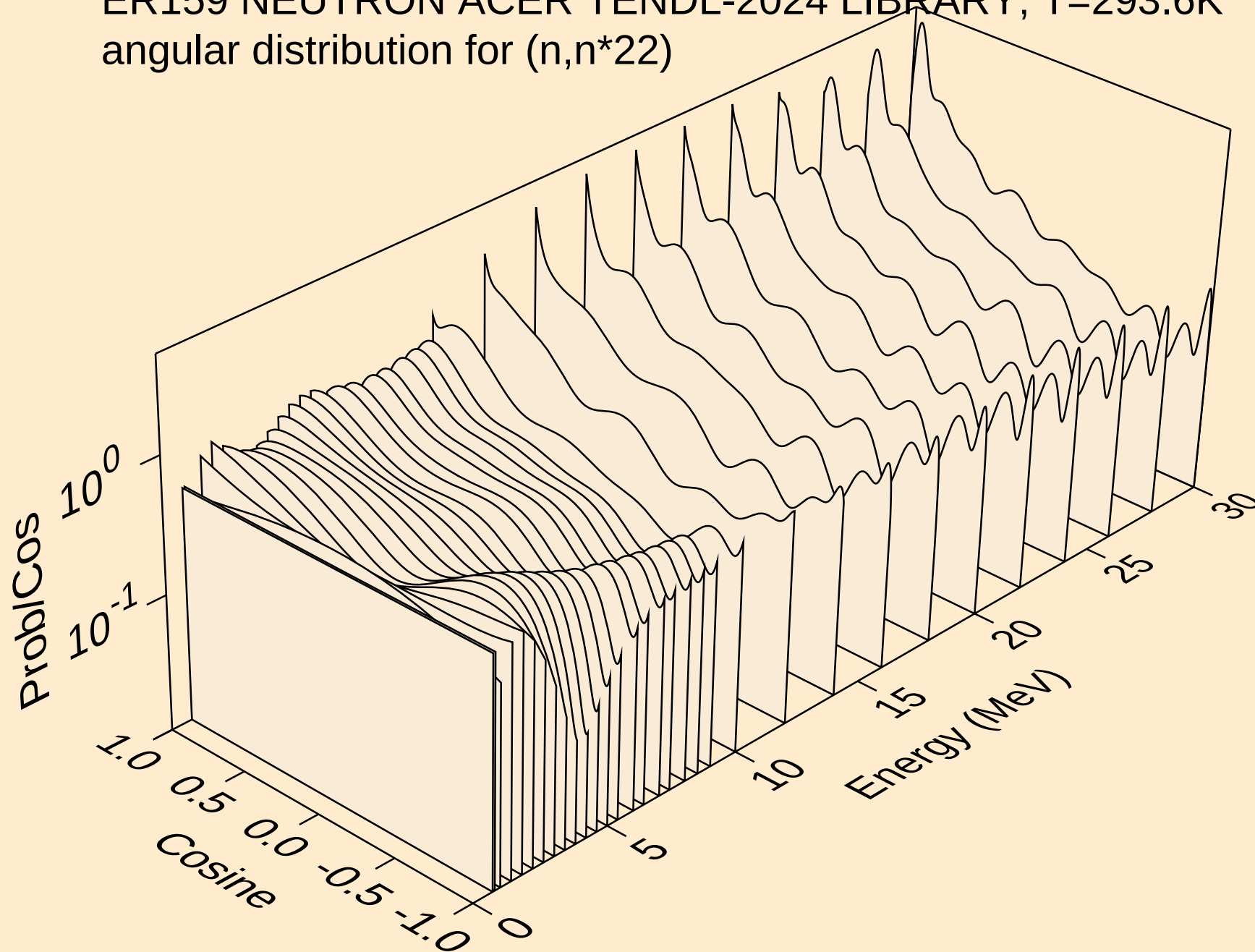
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angular distribution for (n,n*20)



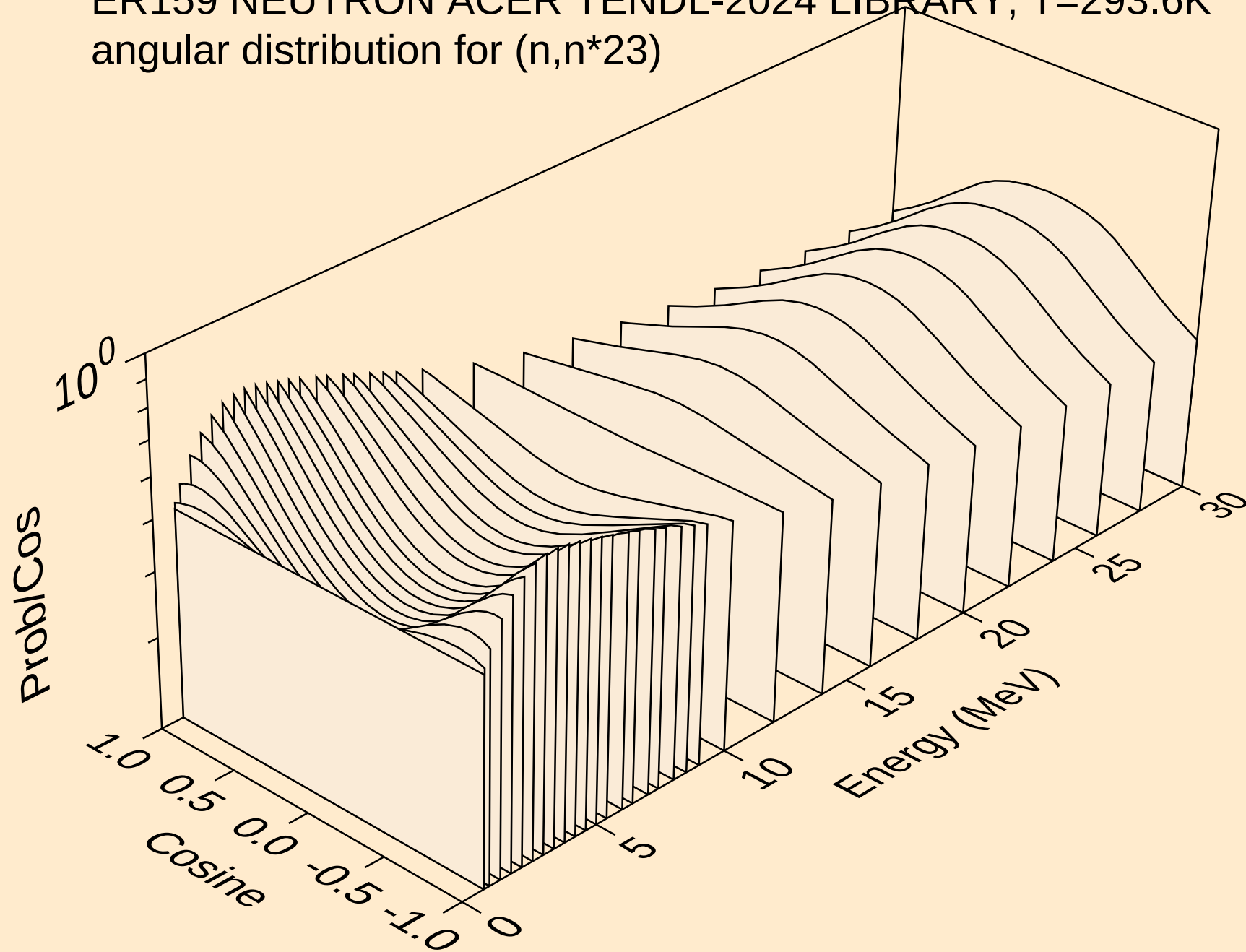
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angular distribution for (n,n*21)



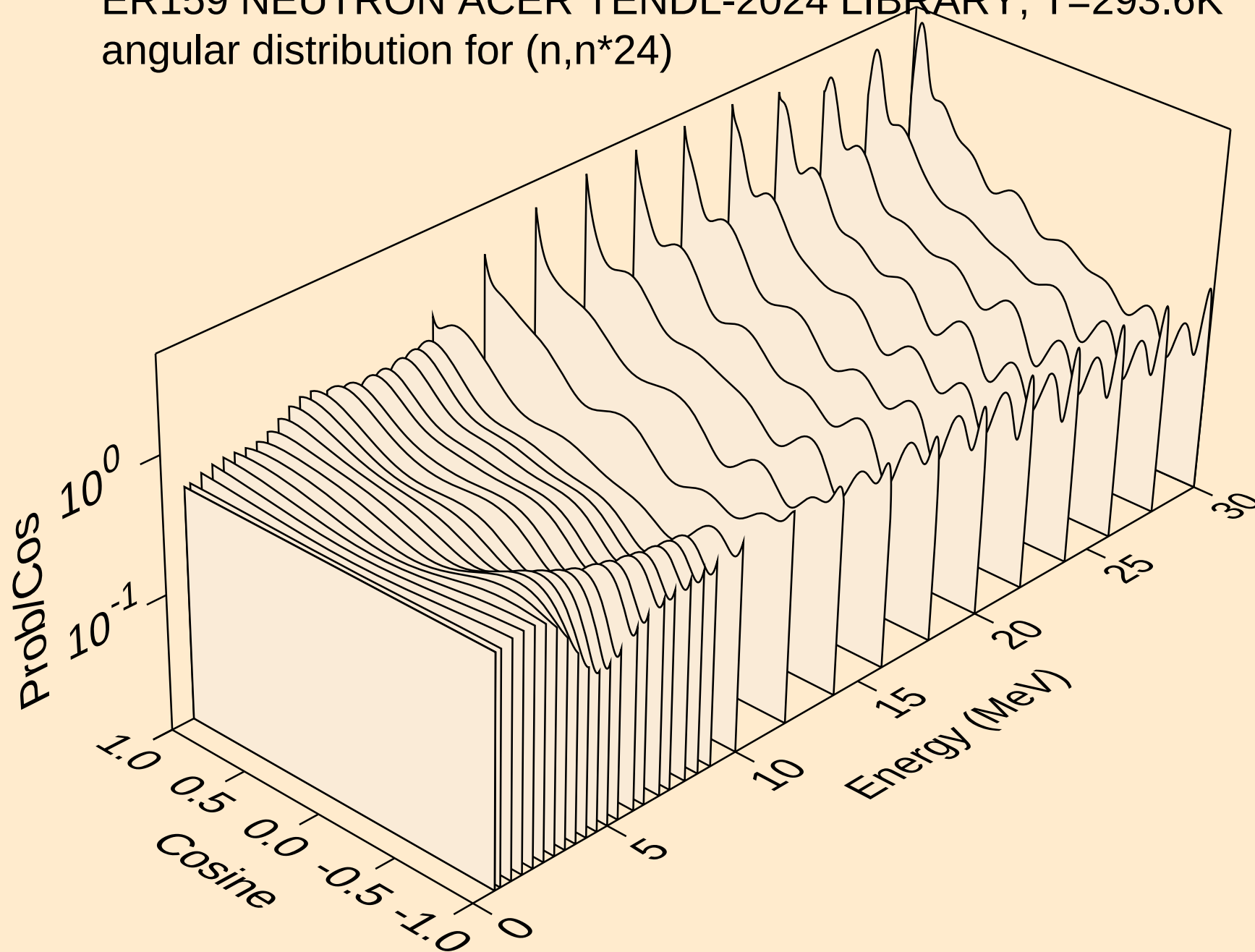
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angular distribution for (n,n*22)



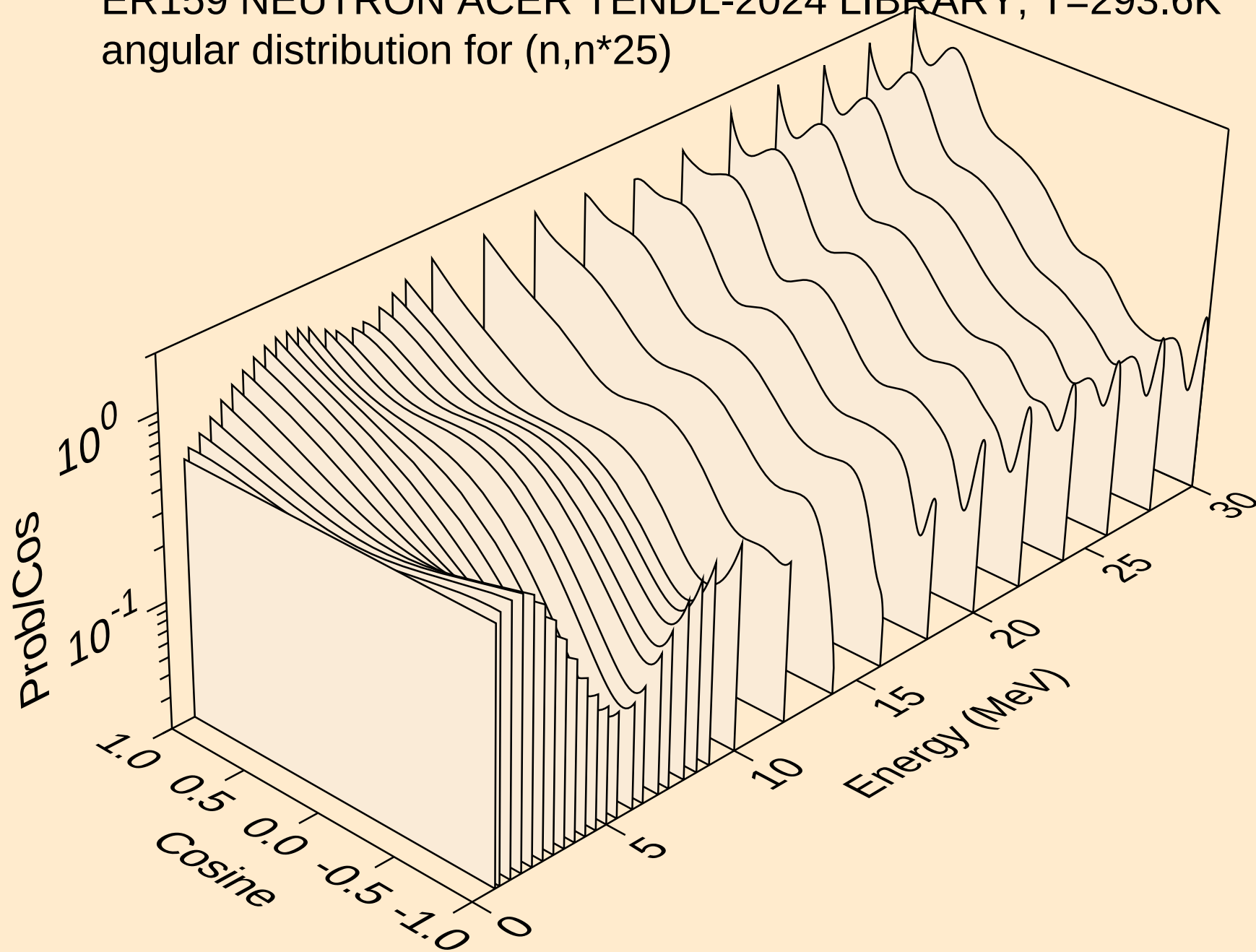
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angular distribution for (n,n*23)



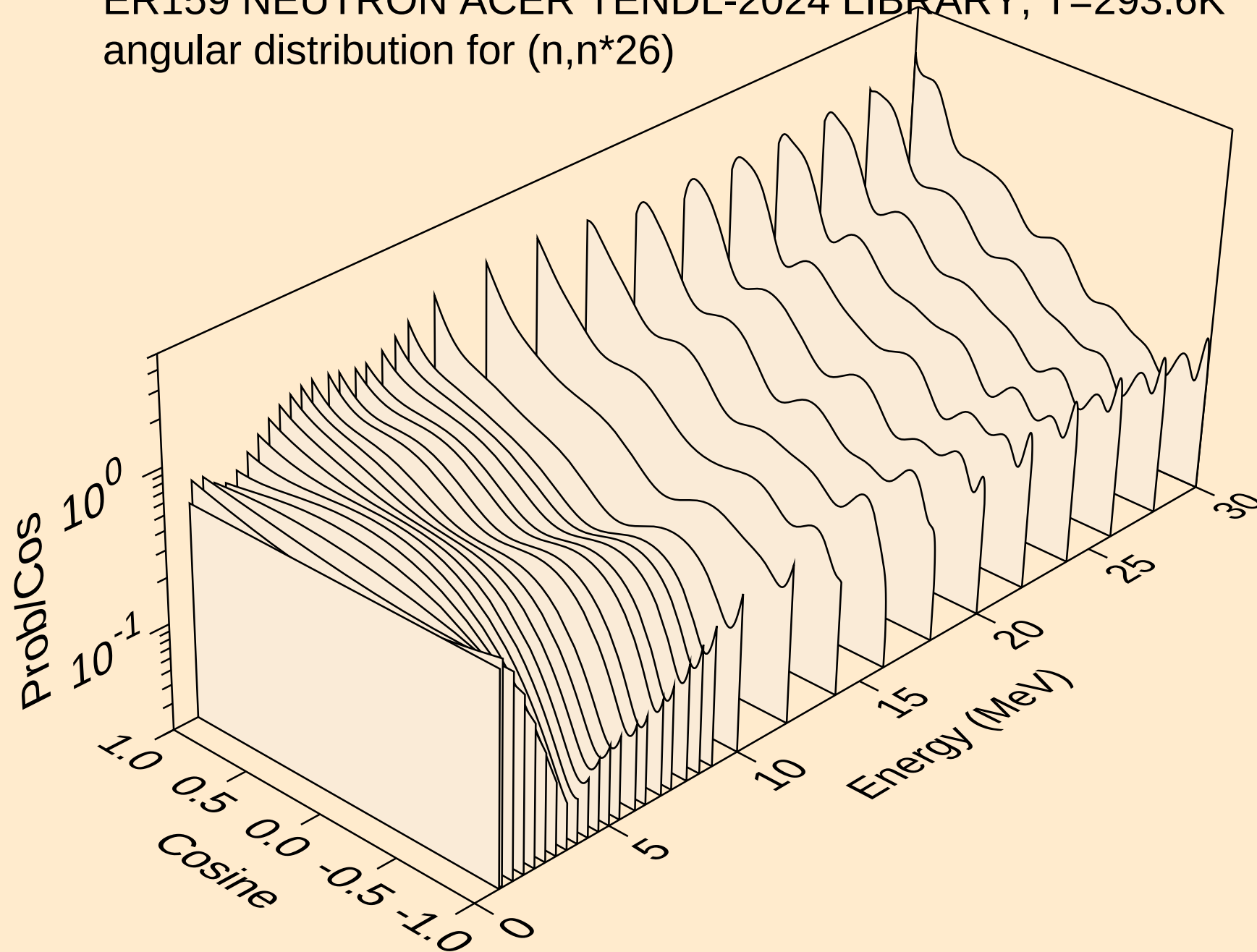
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angular distribution for (n,n*24)



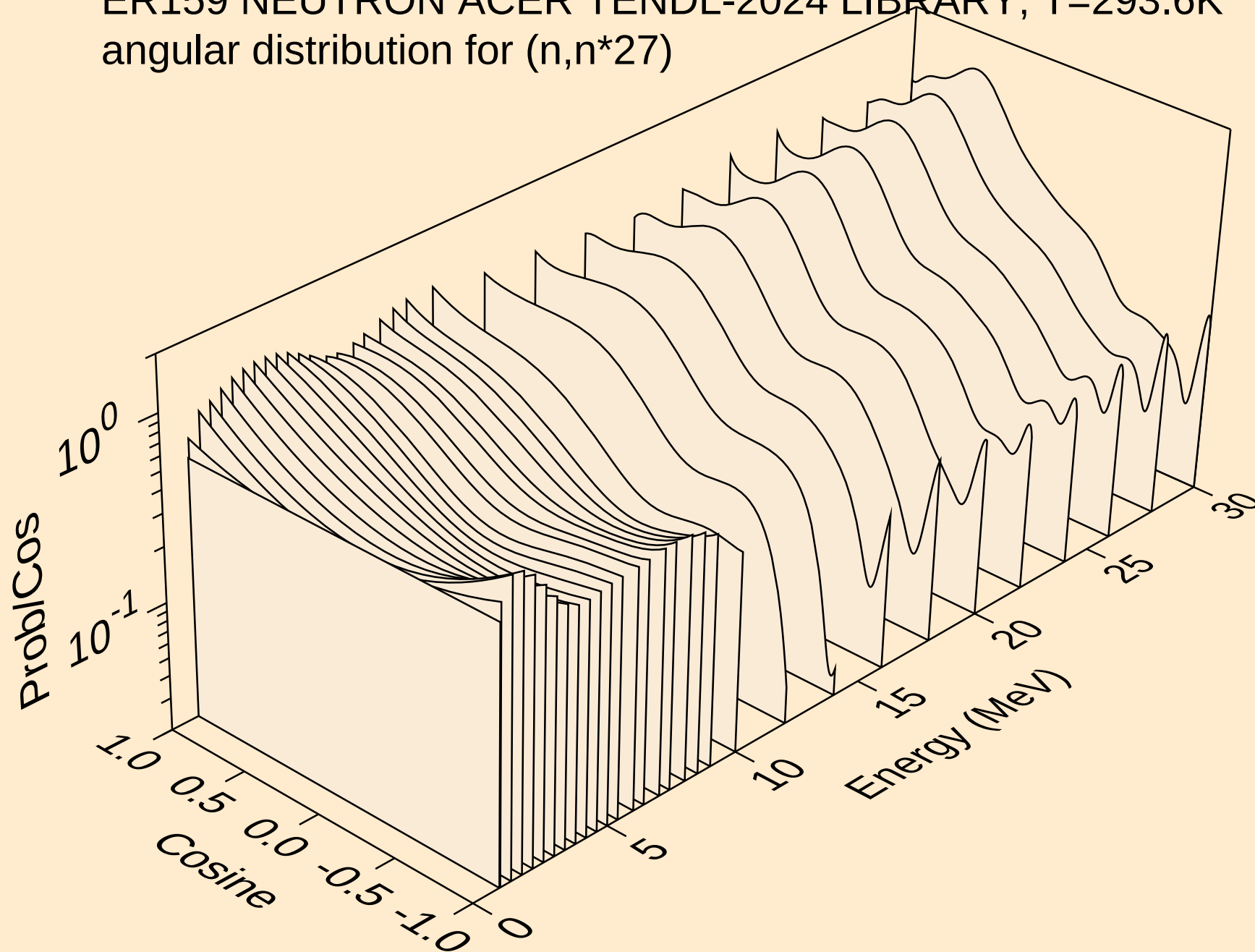
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



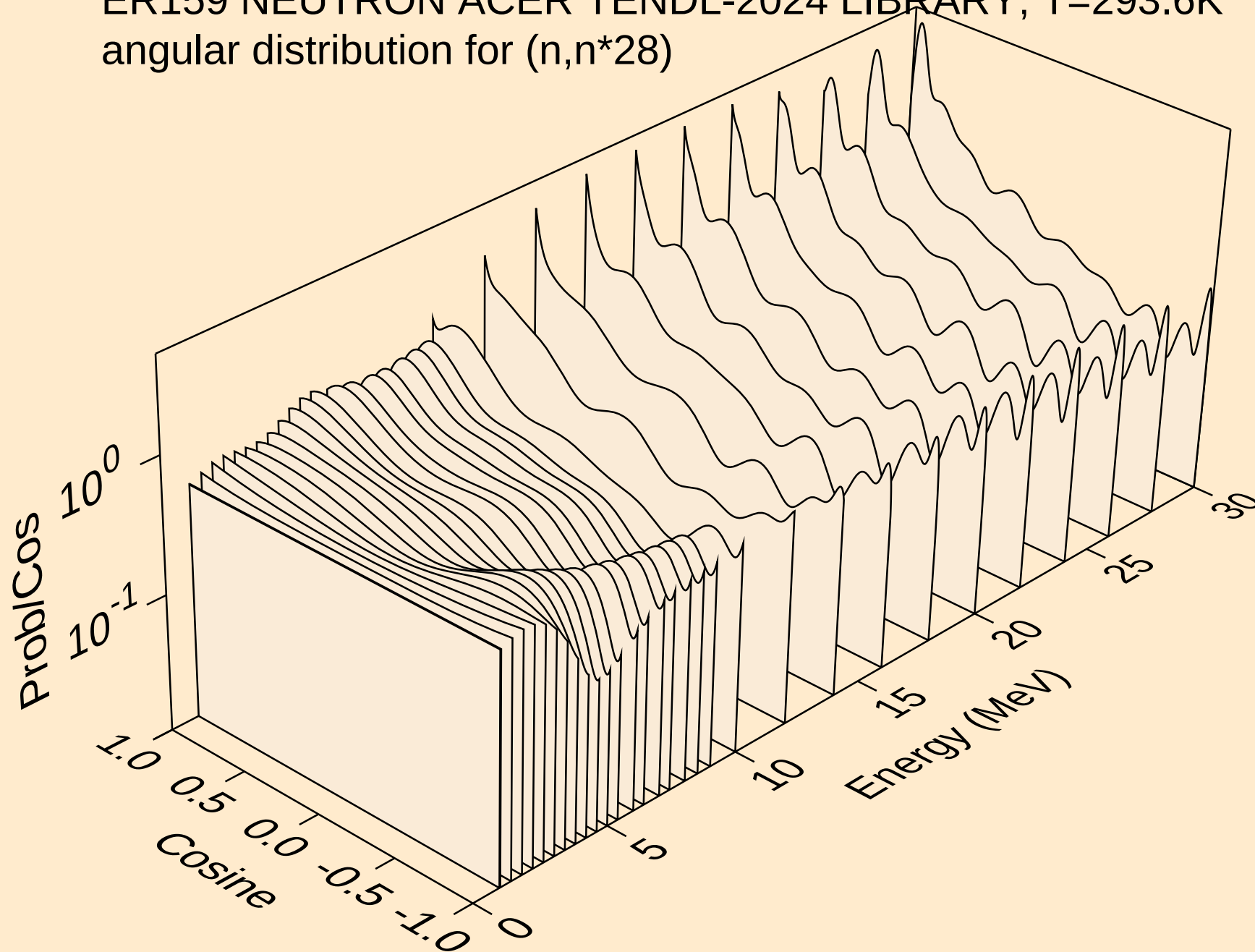
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



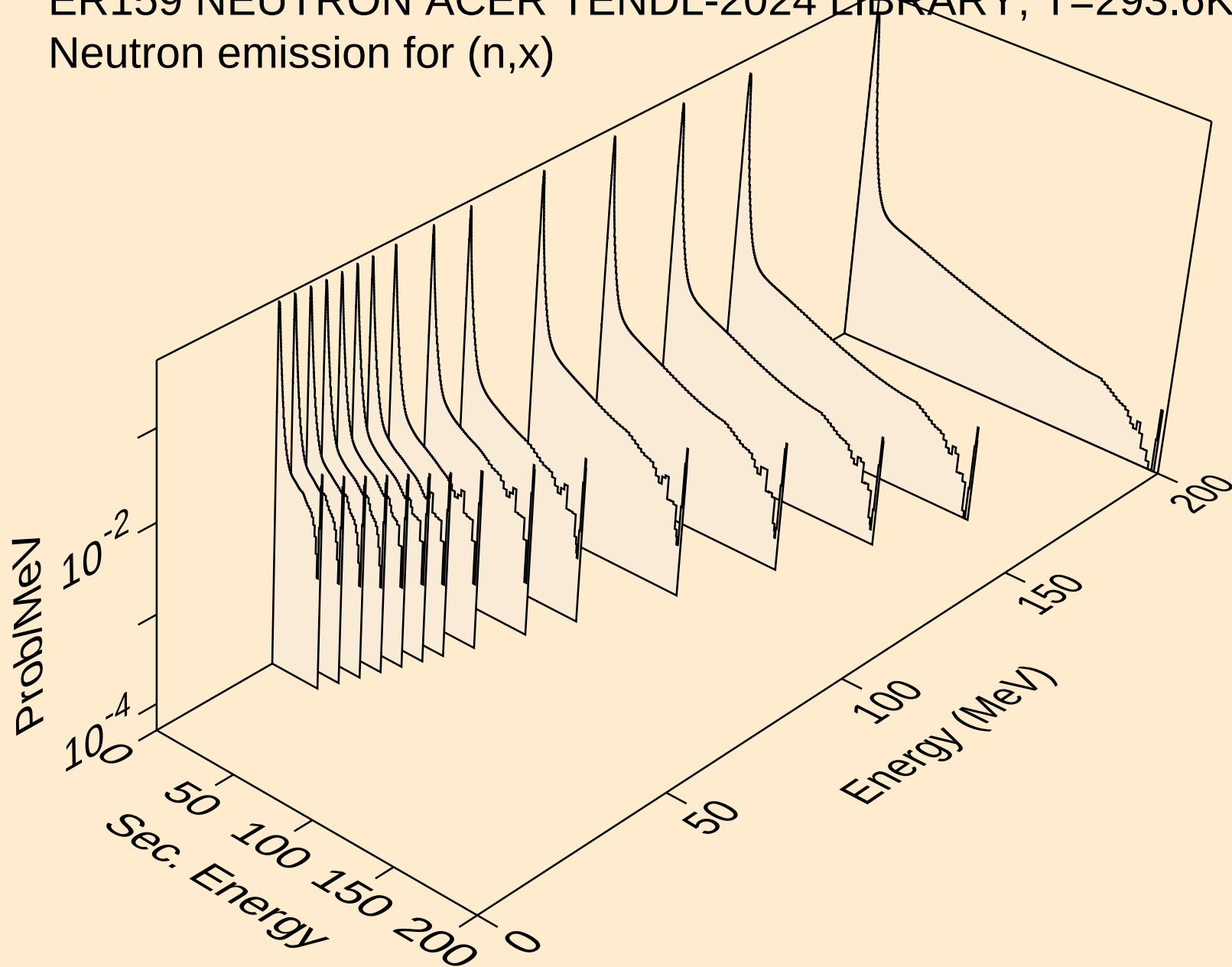
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



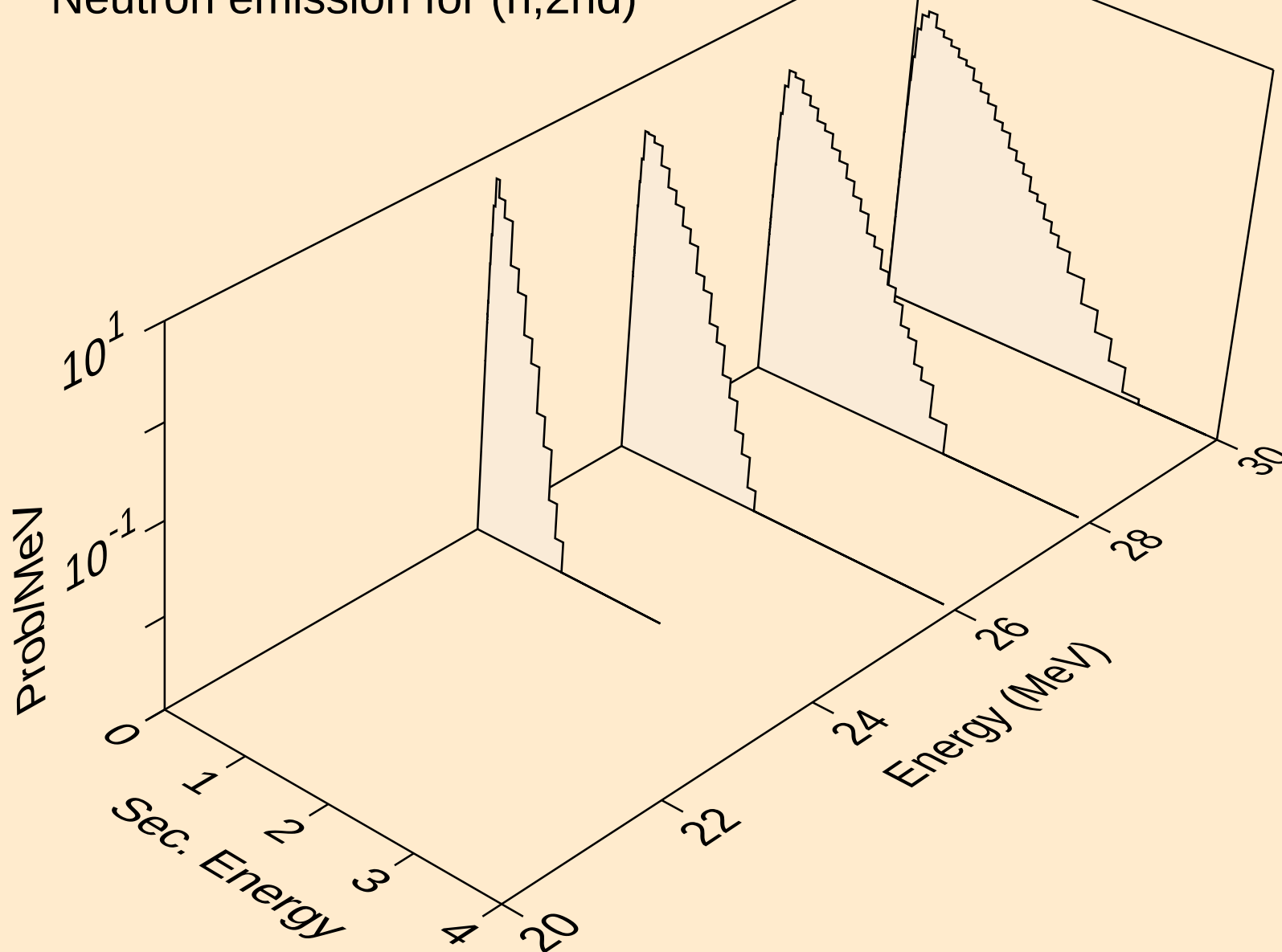
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



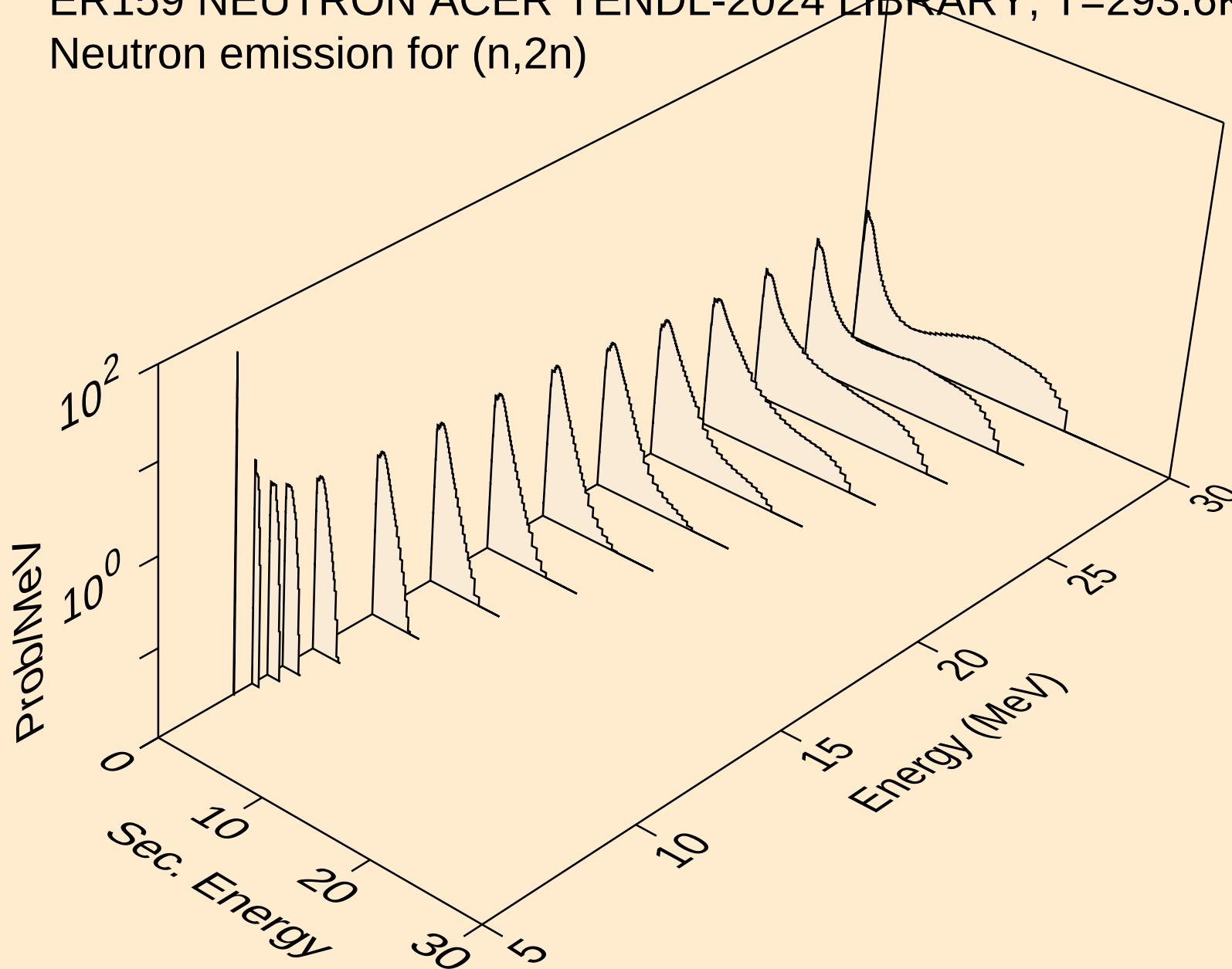
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



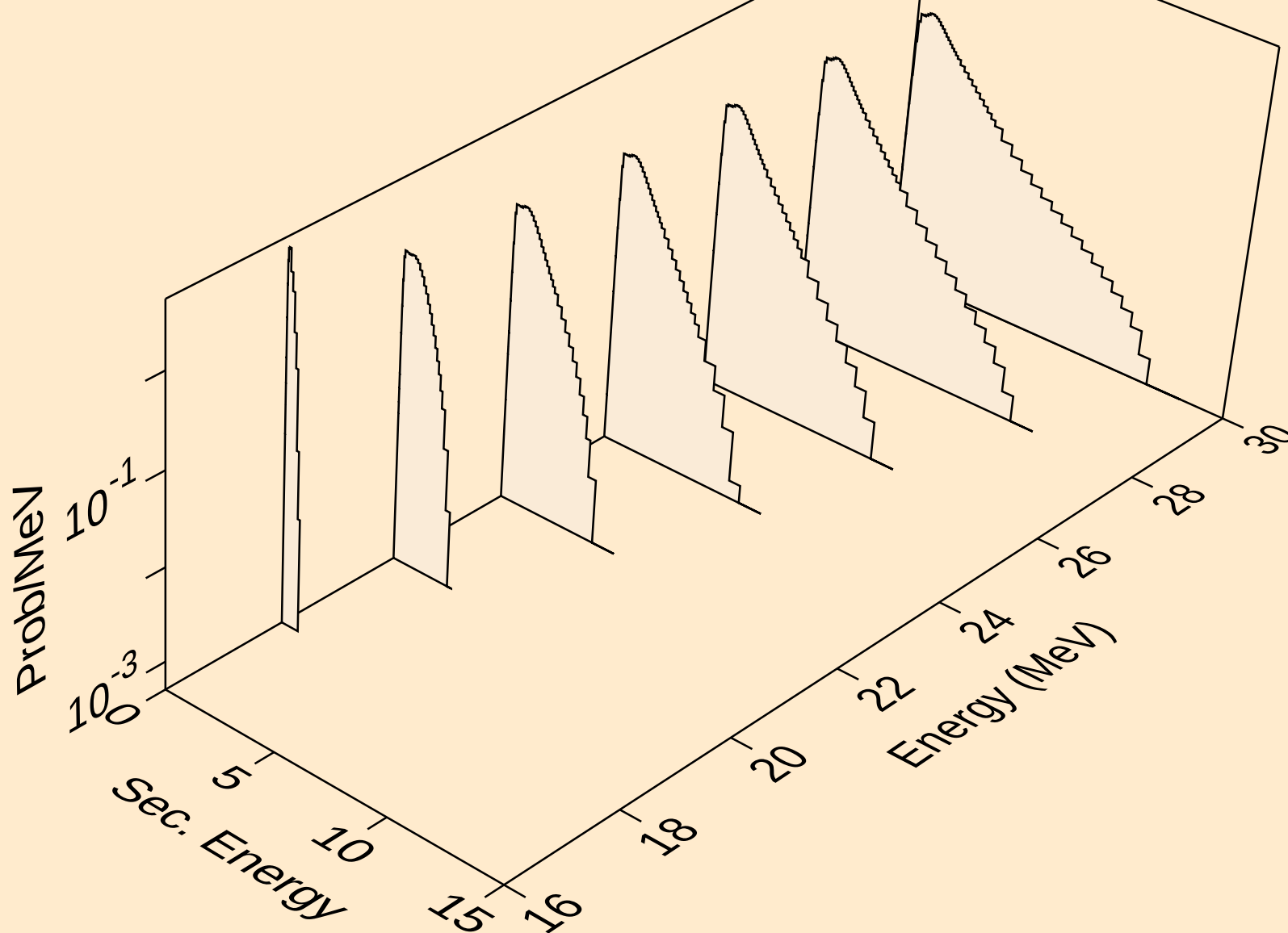
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)

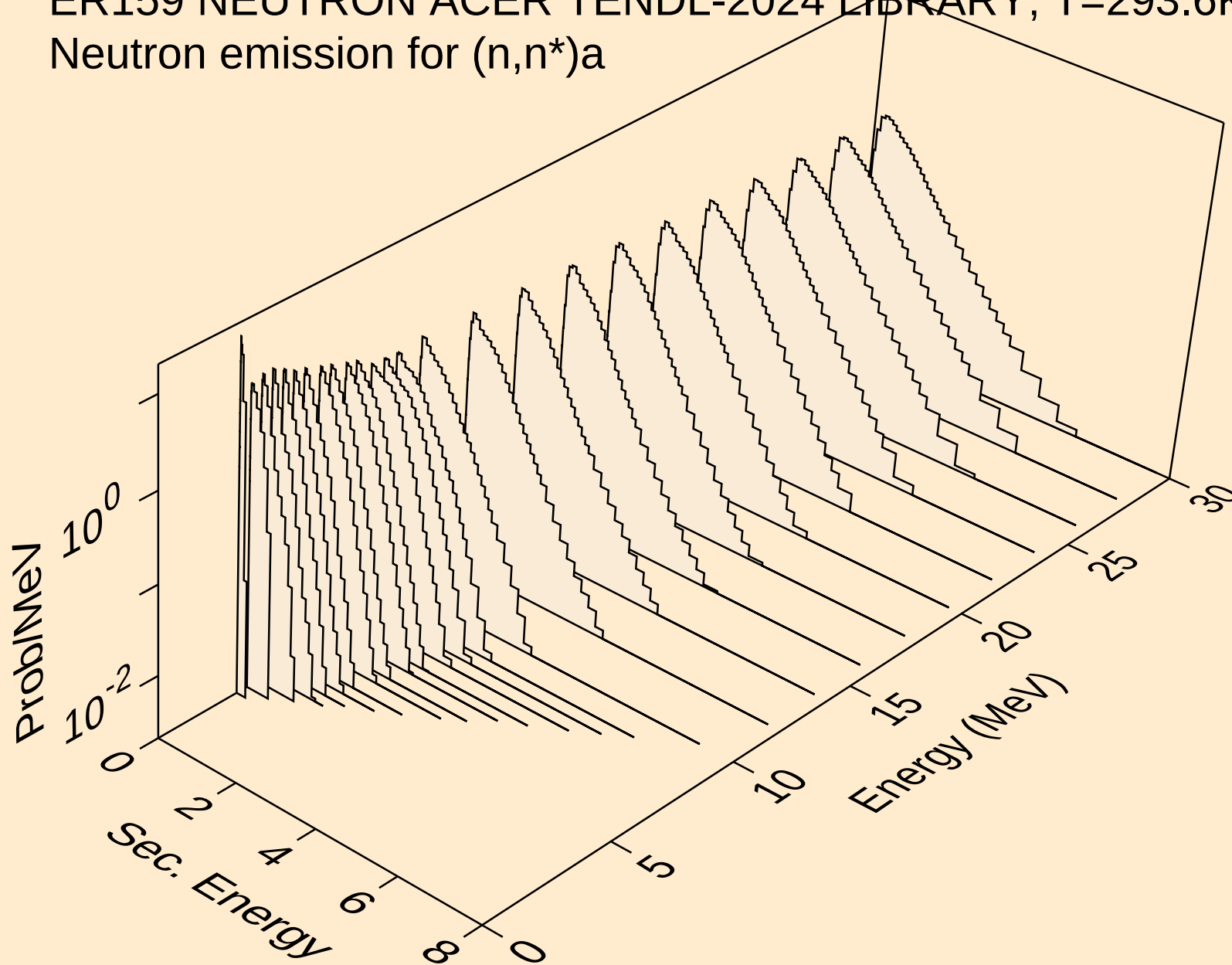


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)

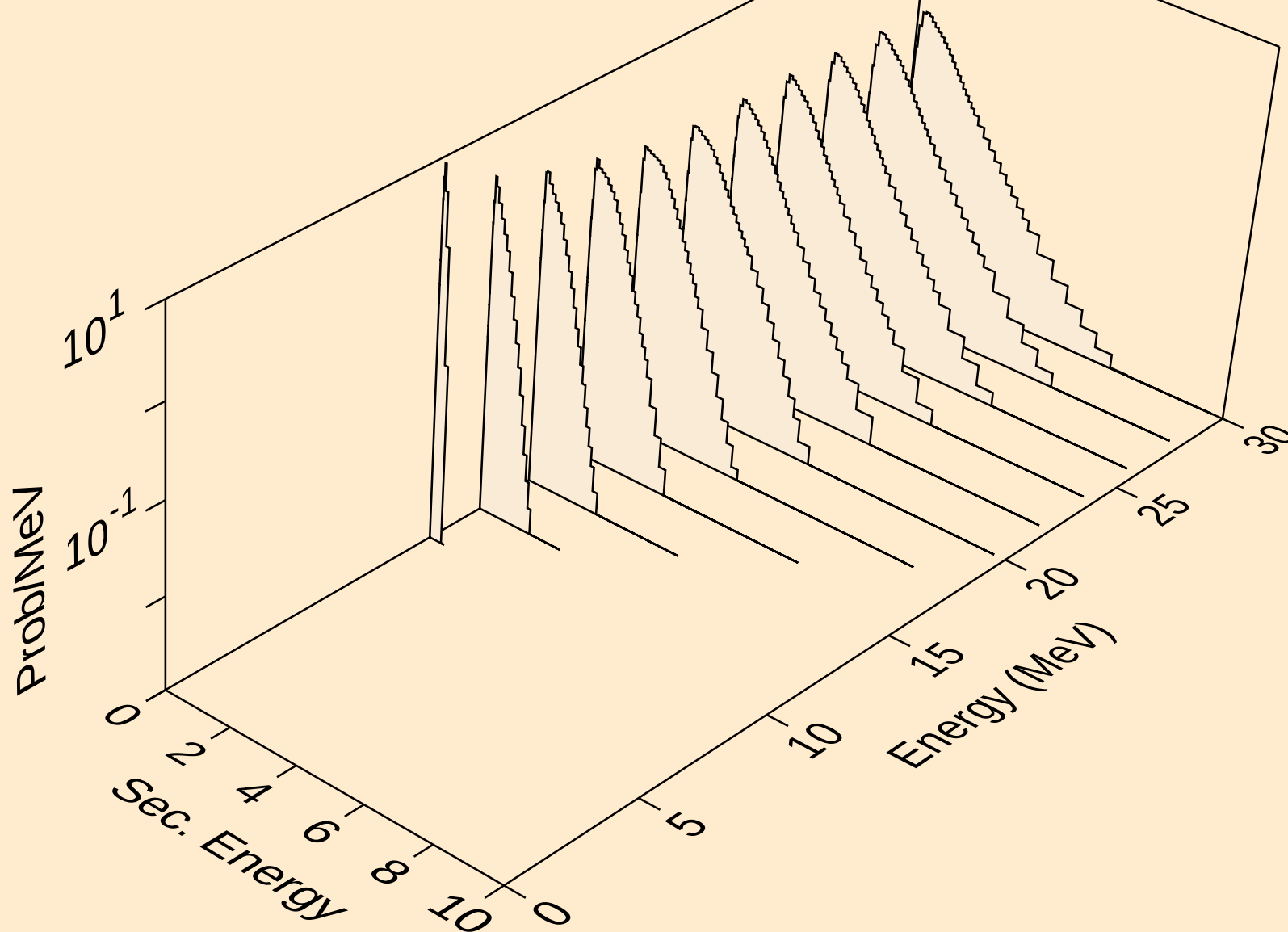


ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

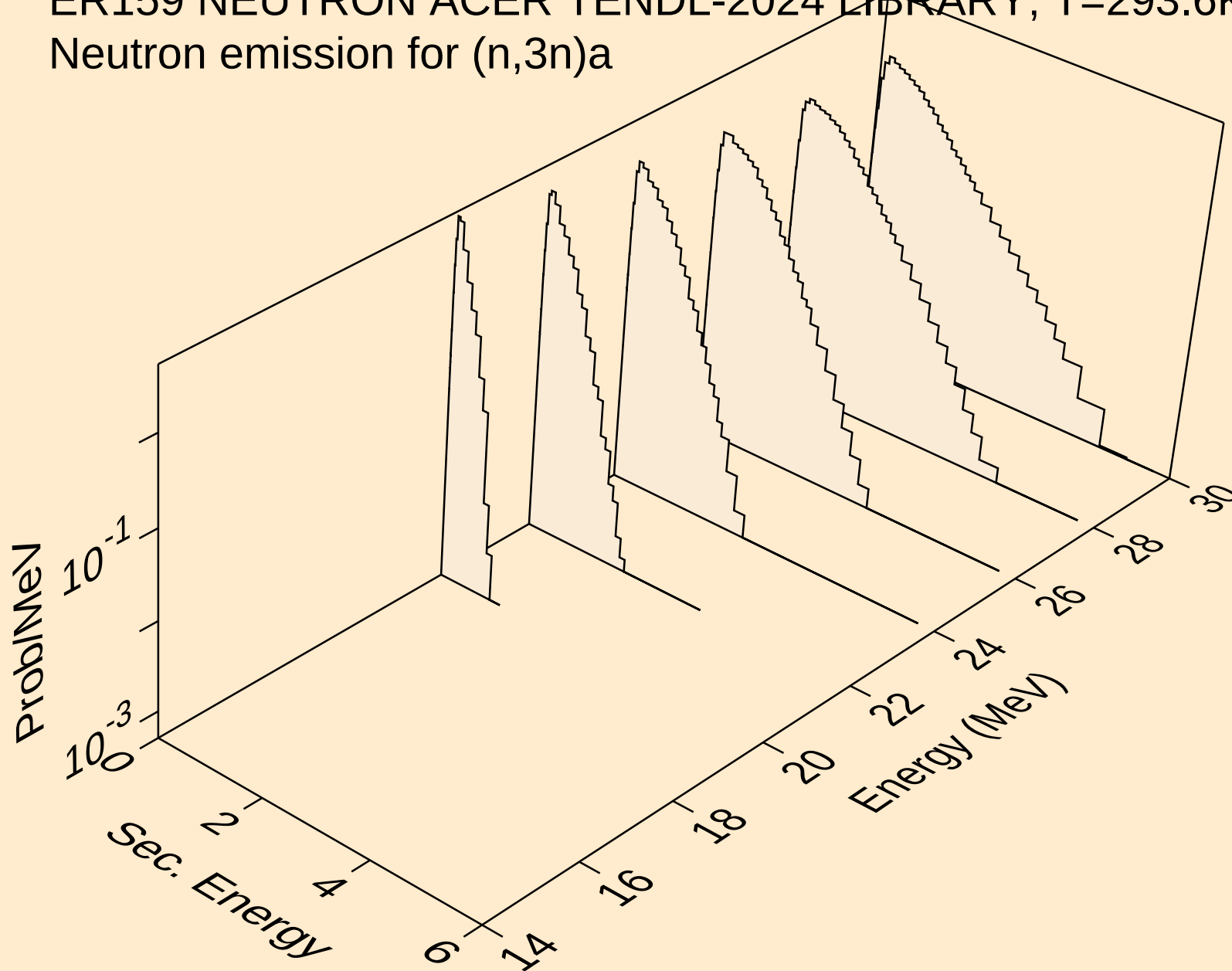
Neutron emission for (n,n*)a



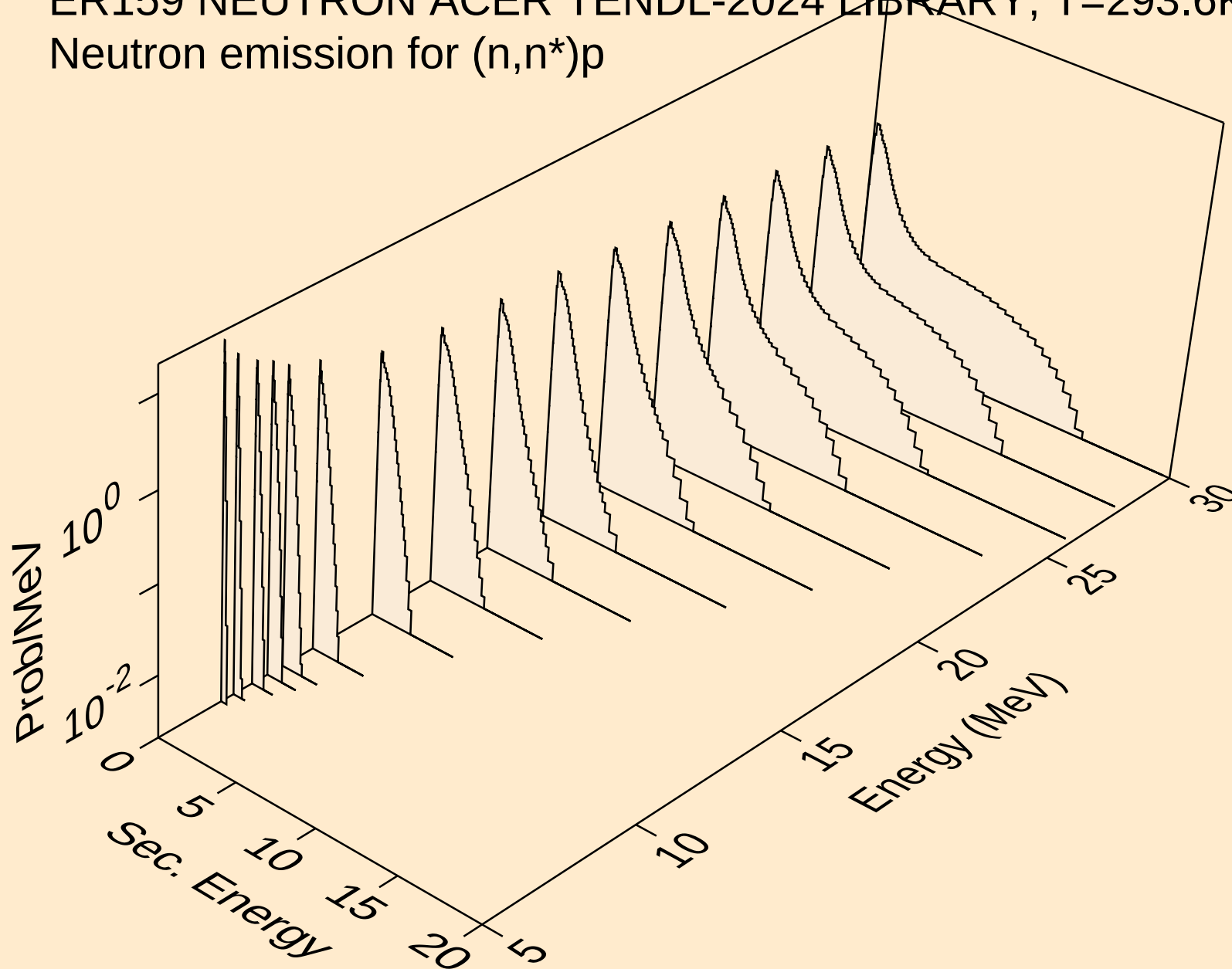
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



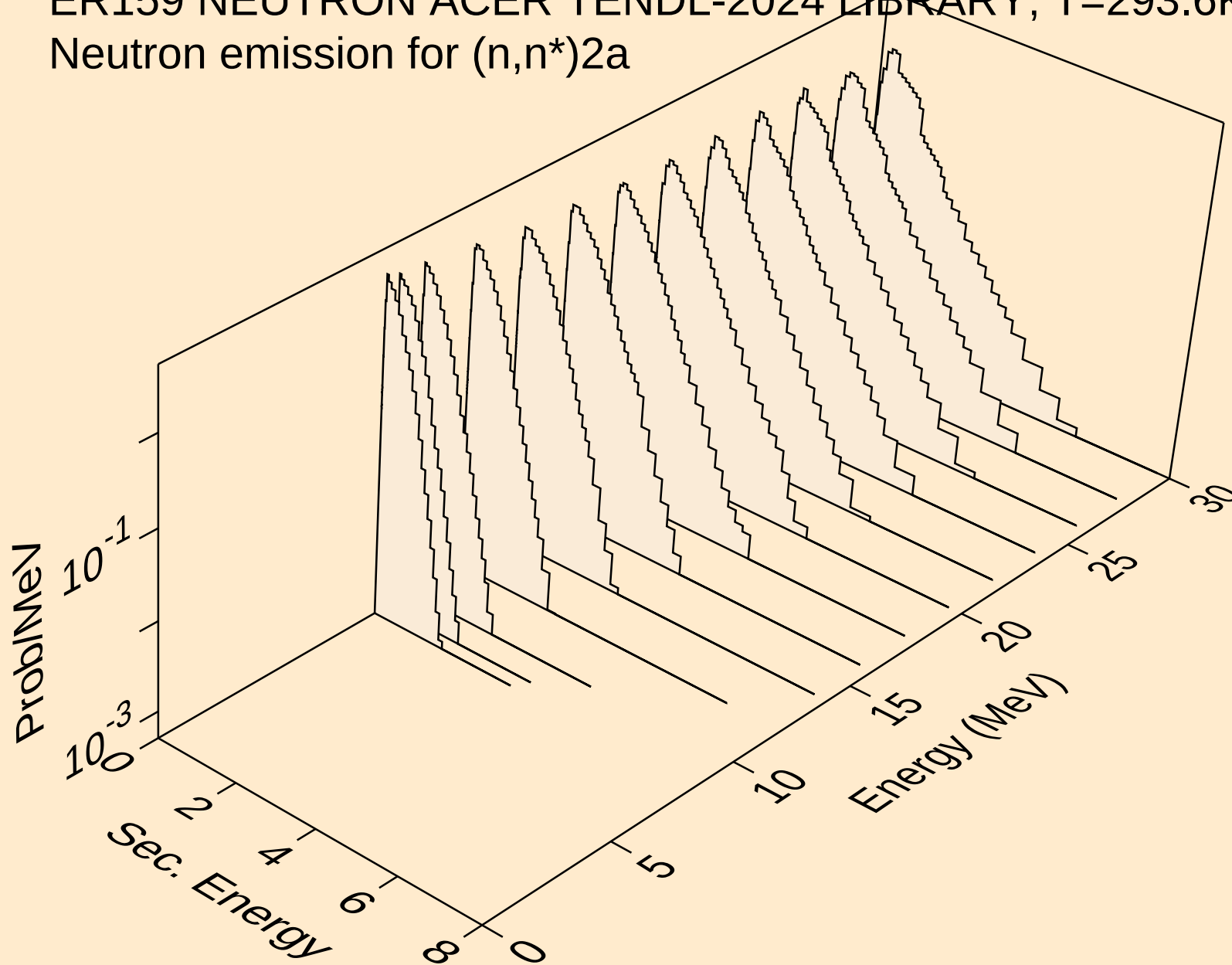
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



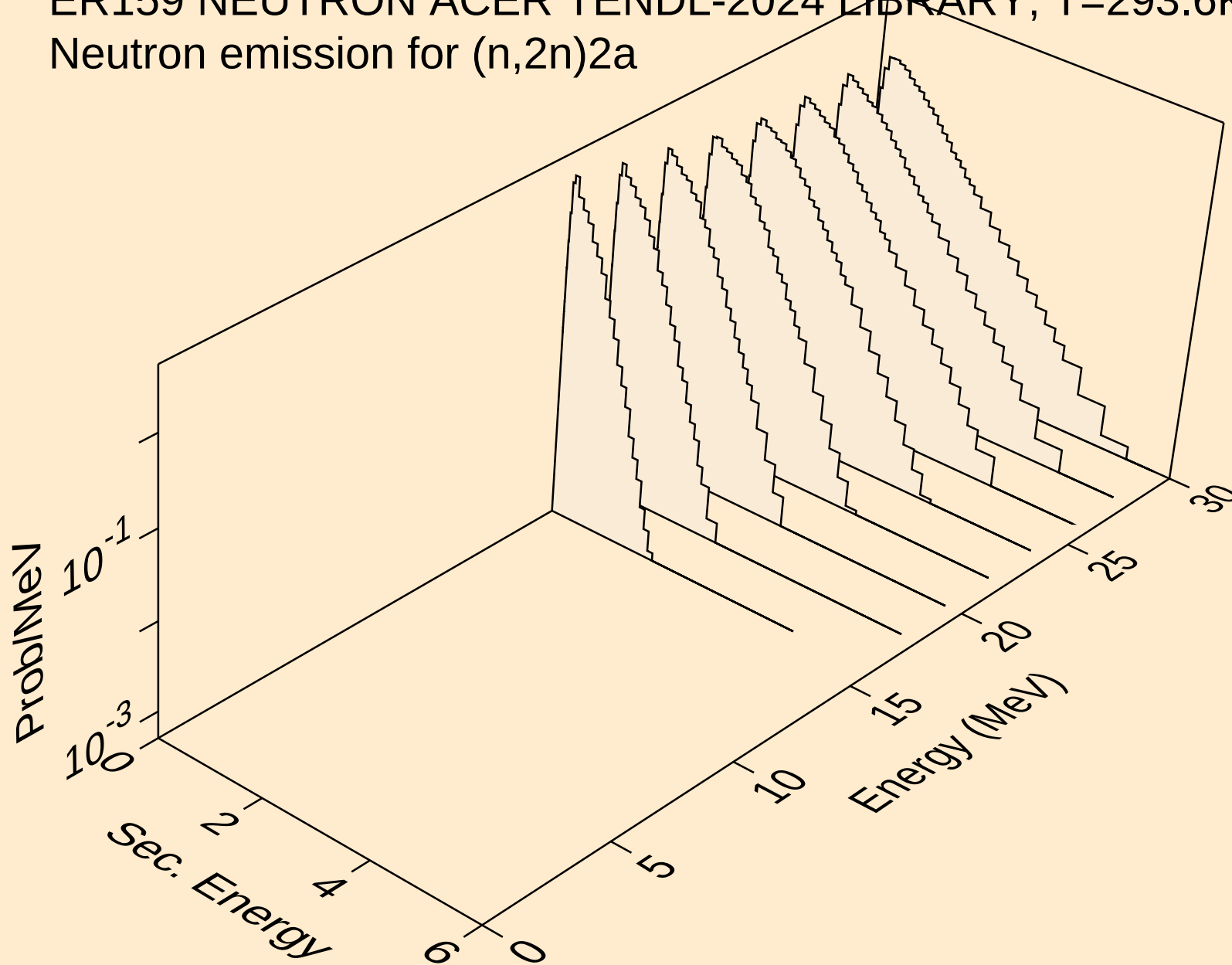
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



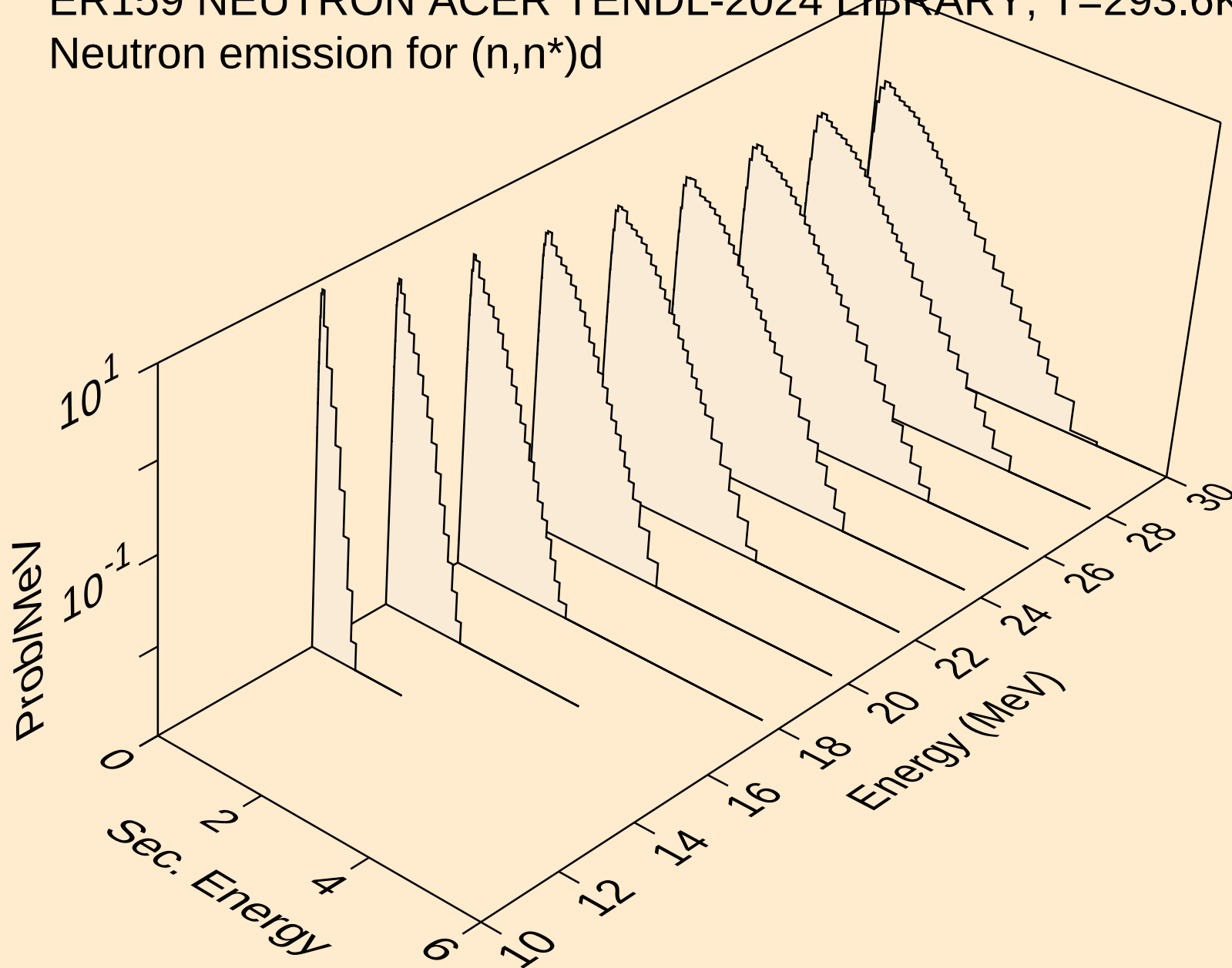
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



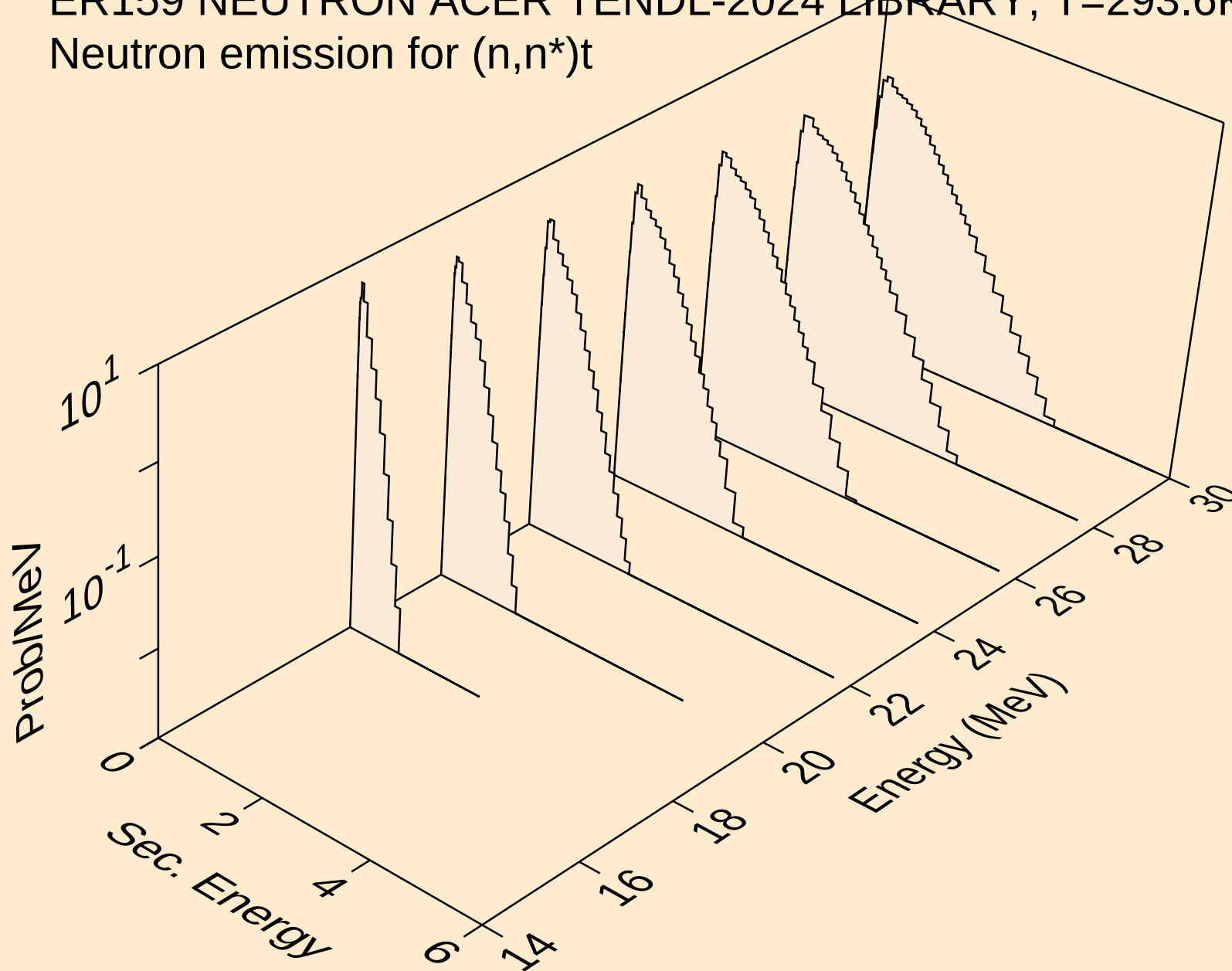
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



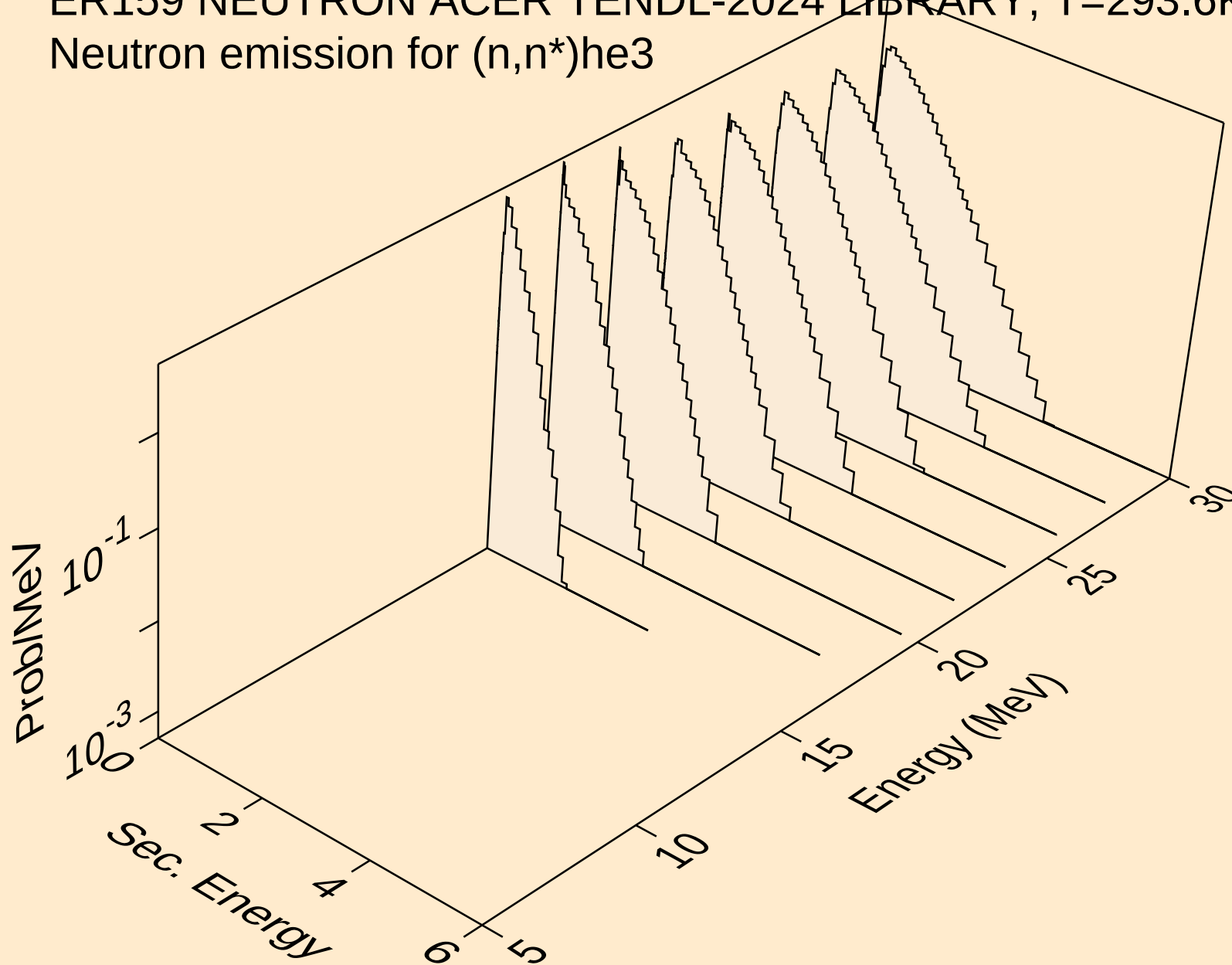
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



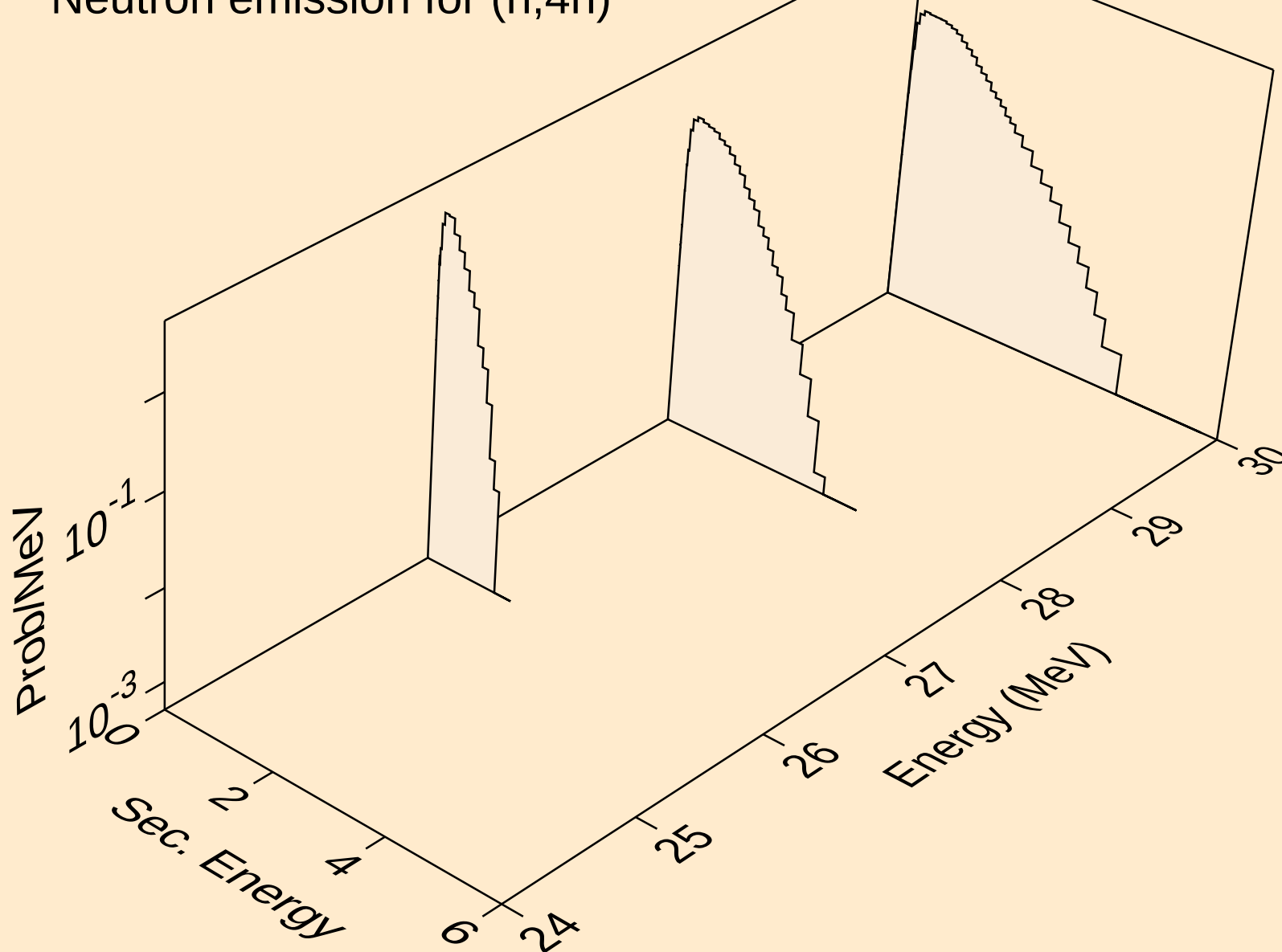
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



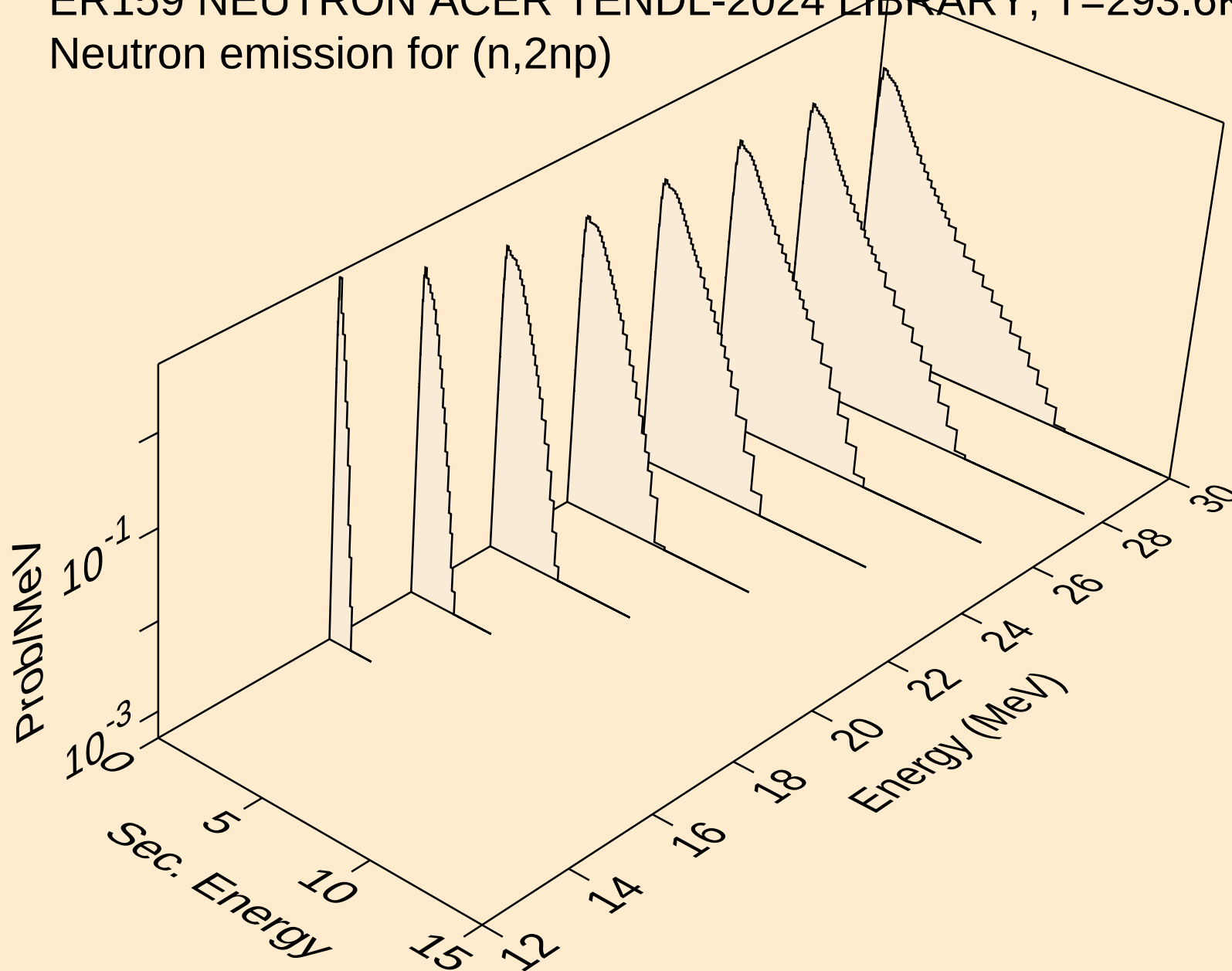
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



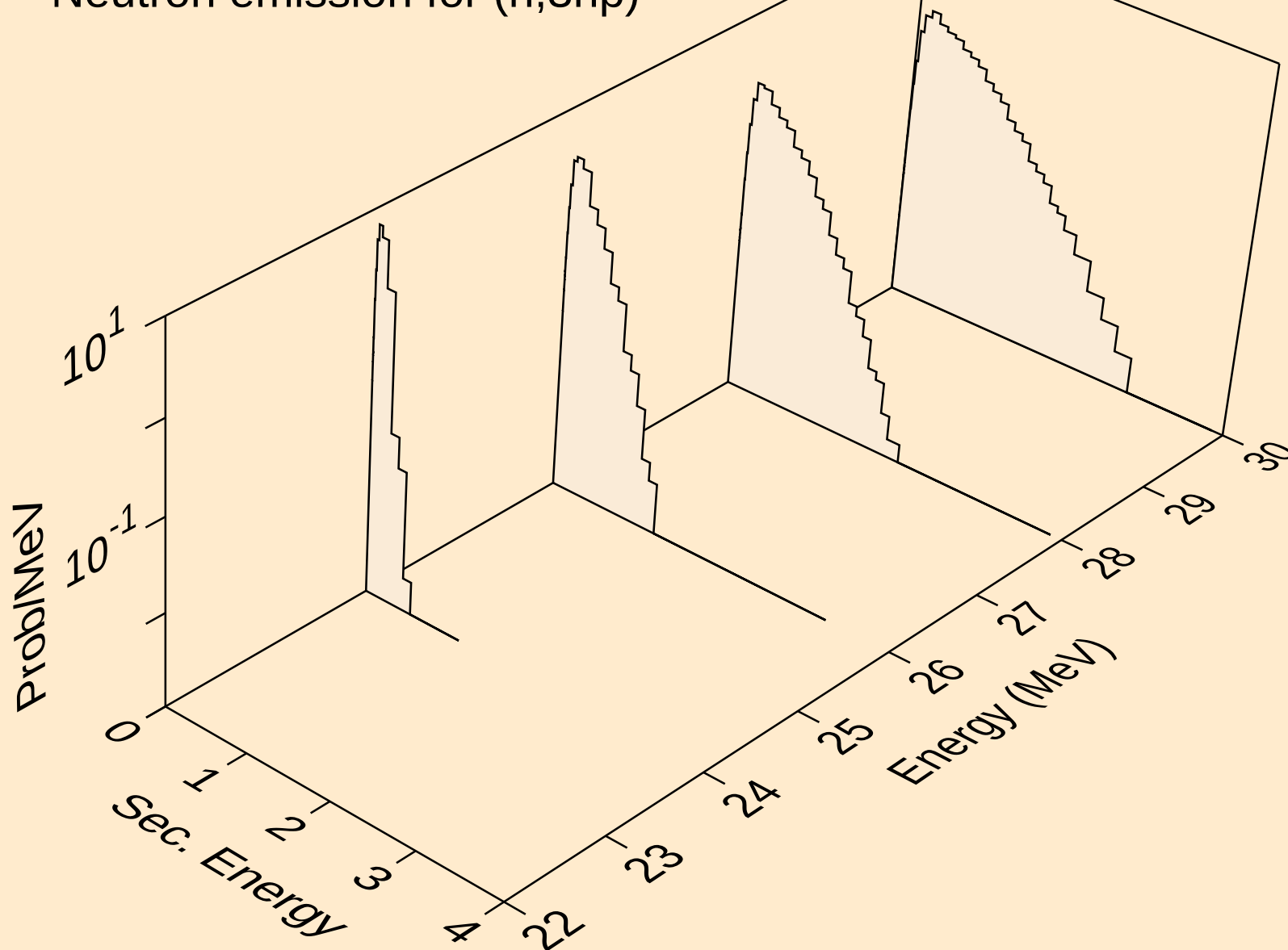
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



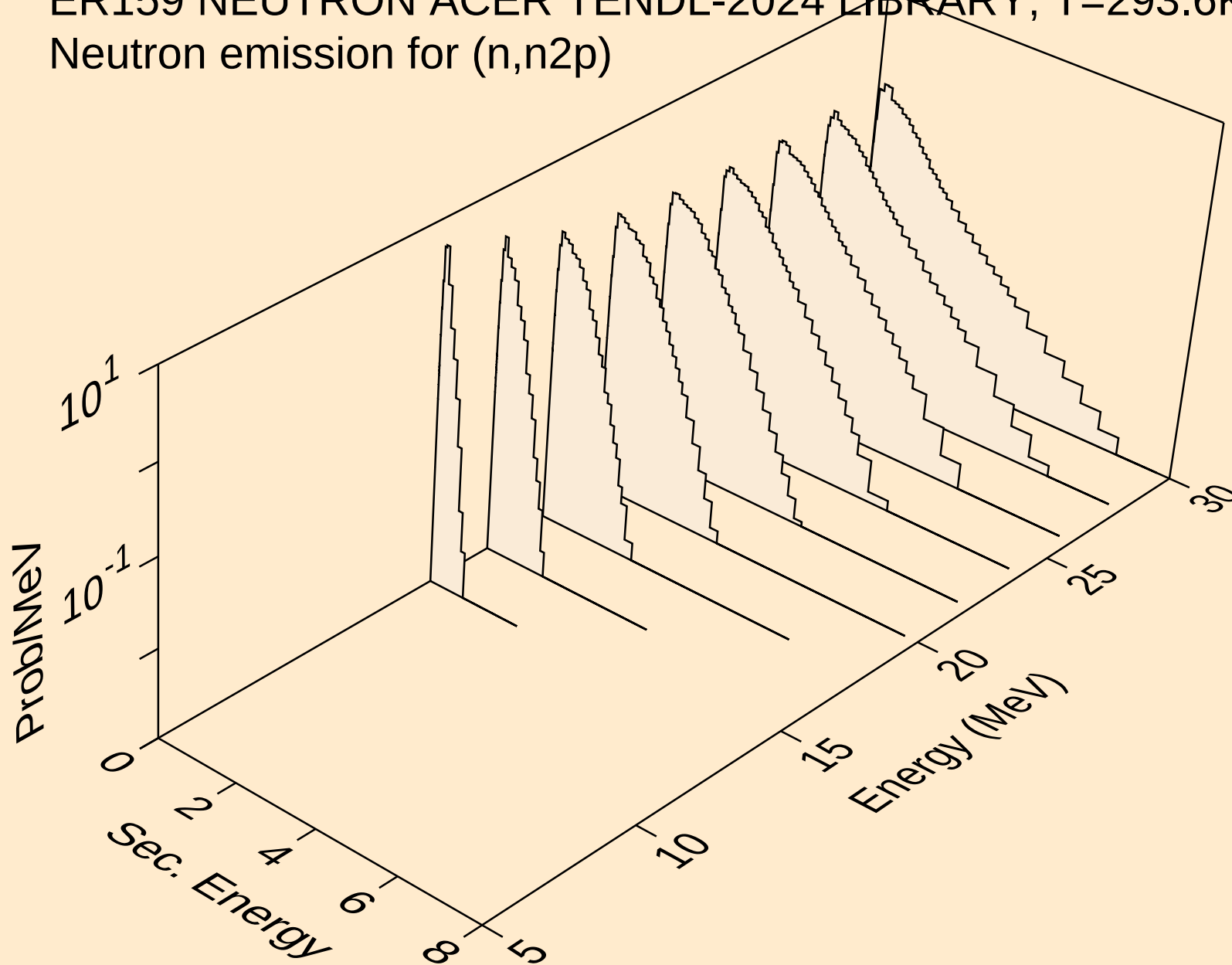
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



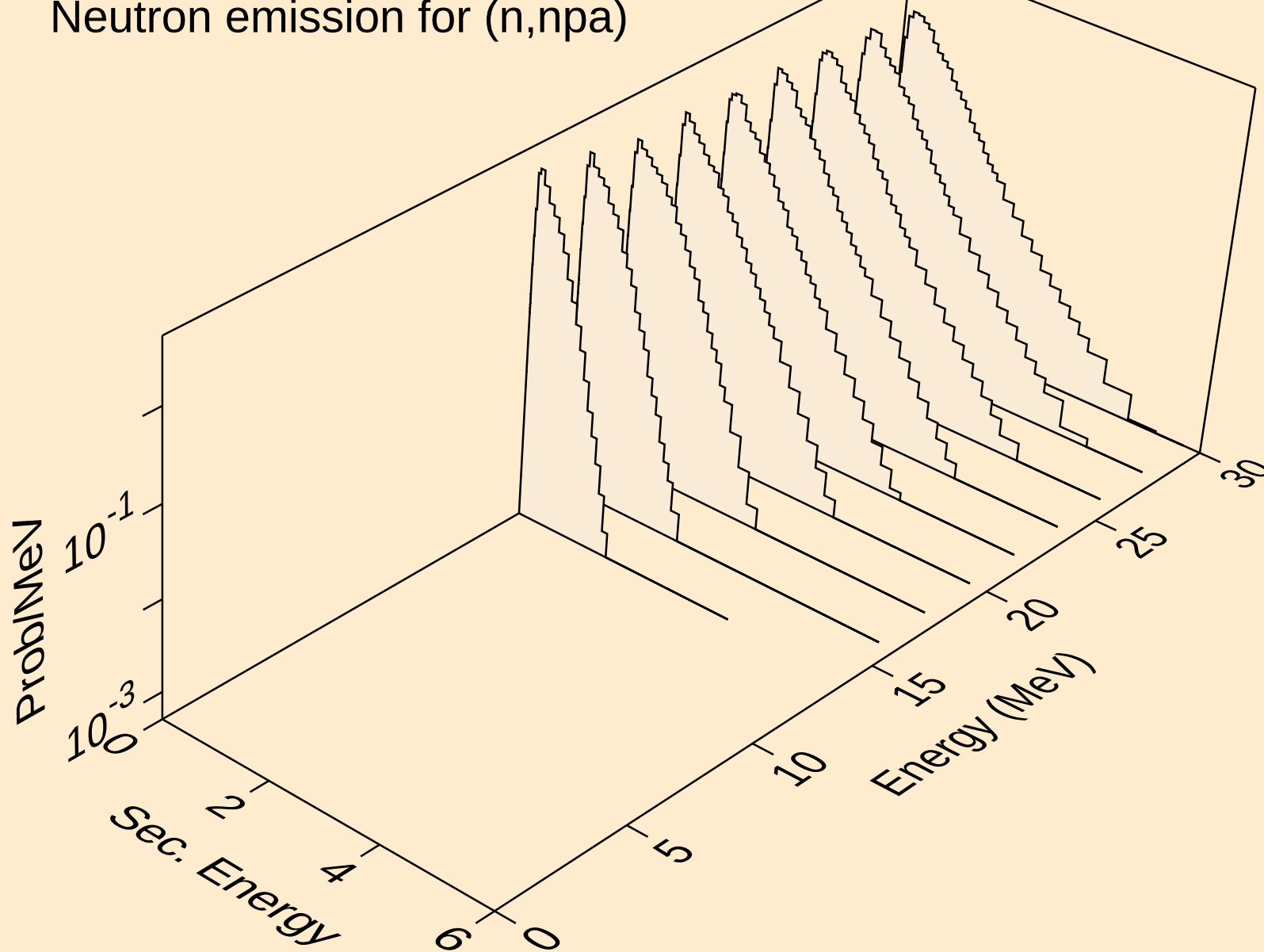
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Neutron emission for (n,3np)



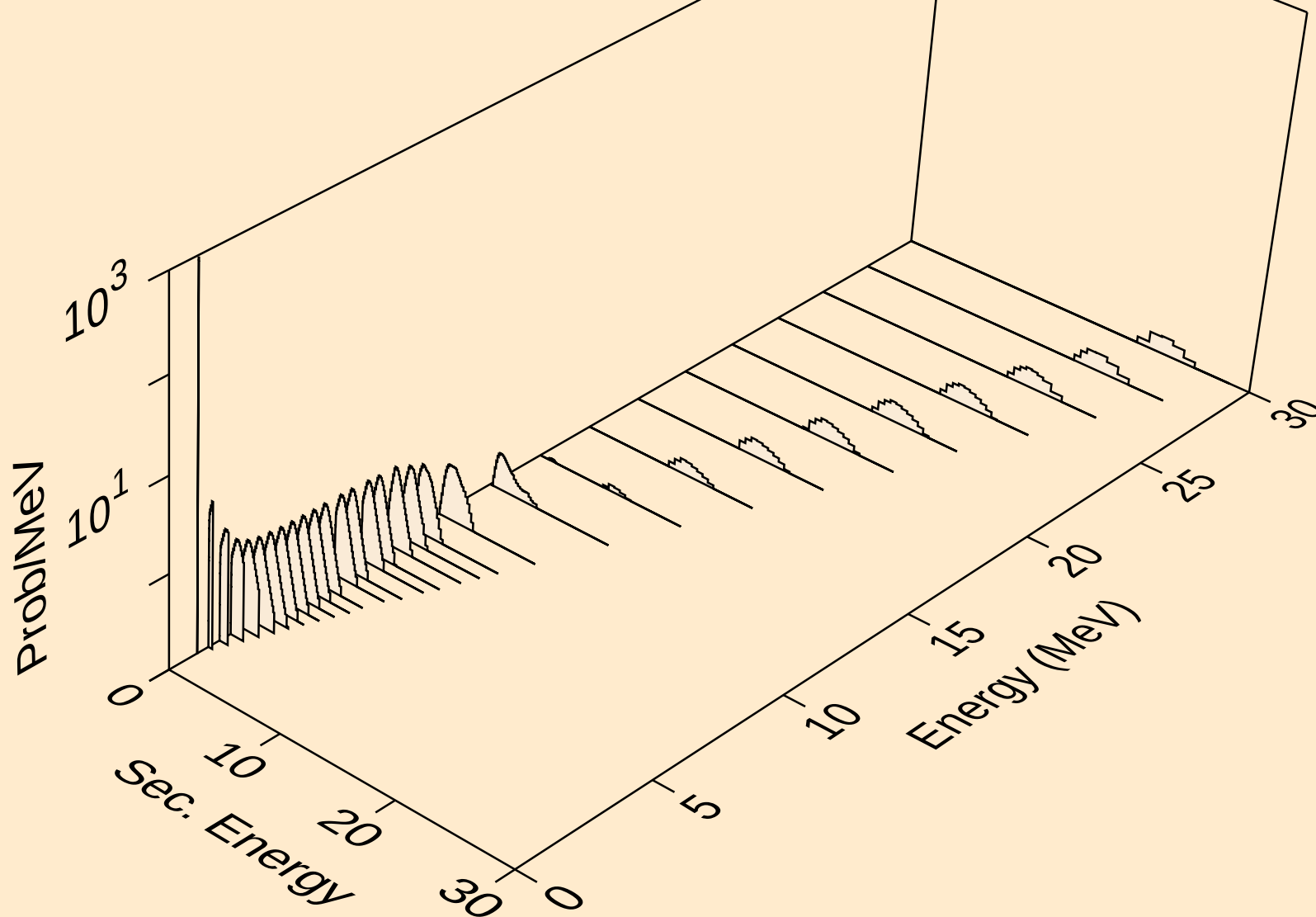
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Neutron emission for (n,n2p)



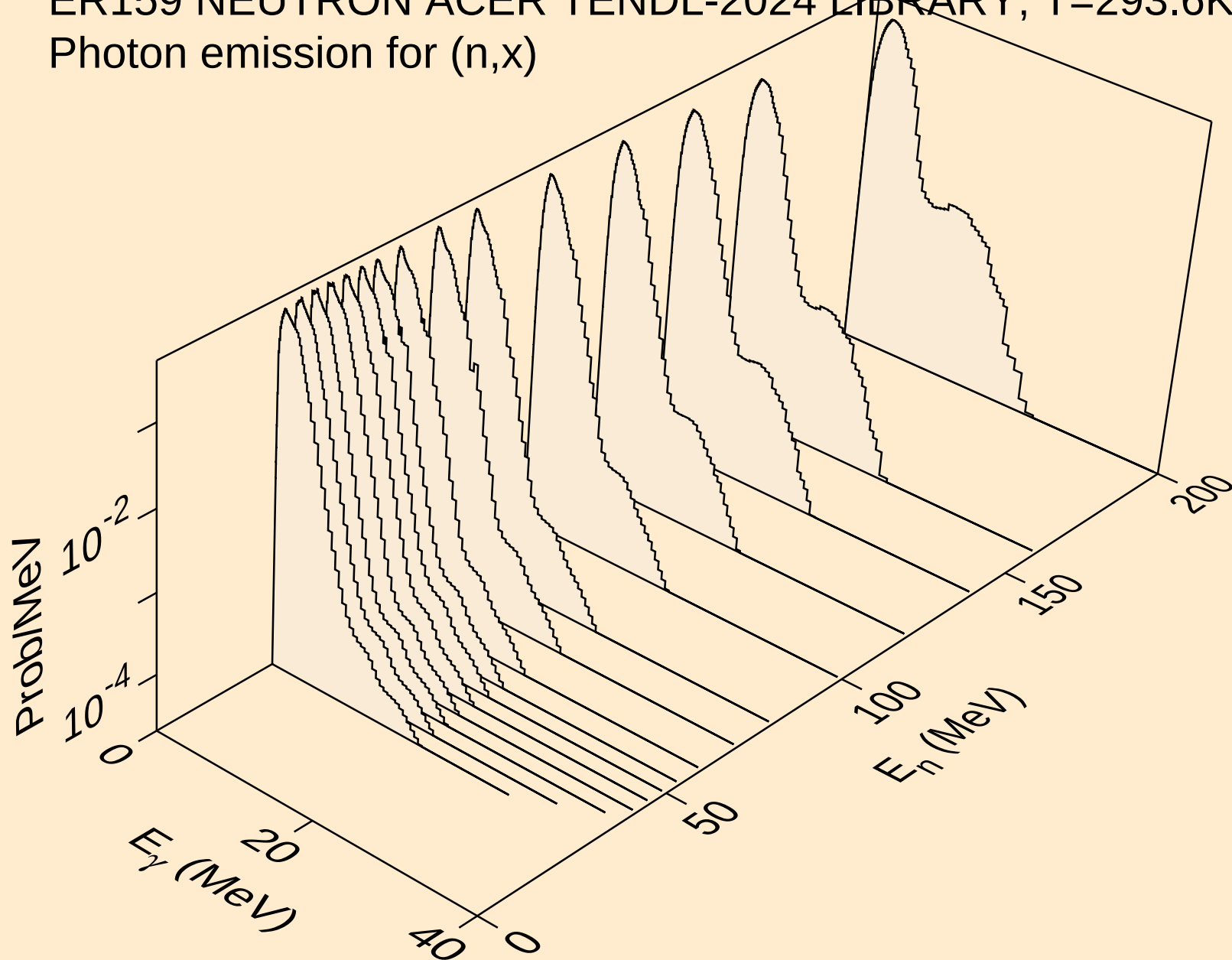
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



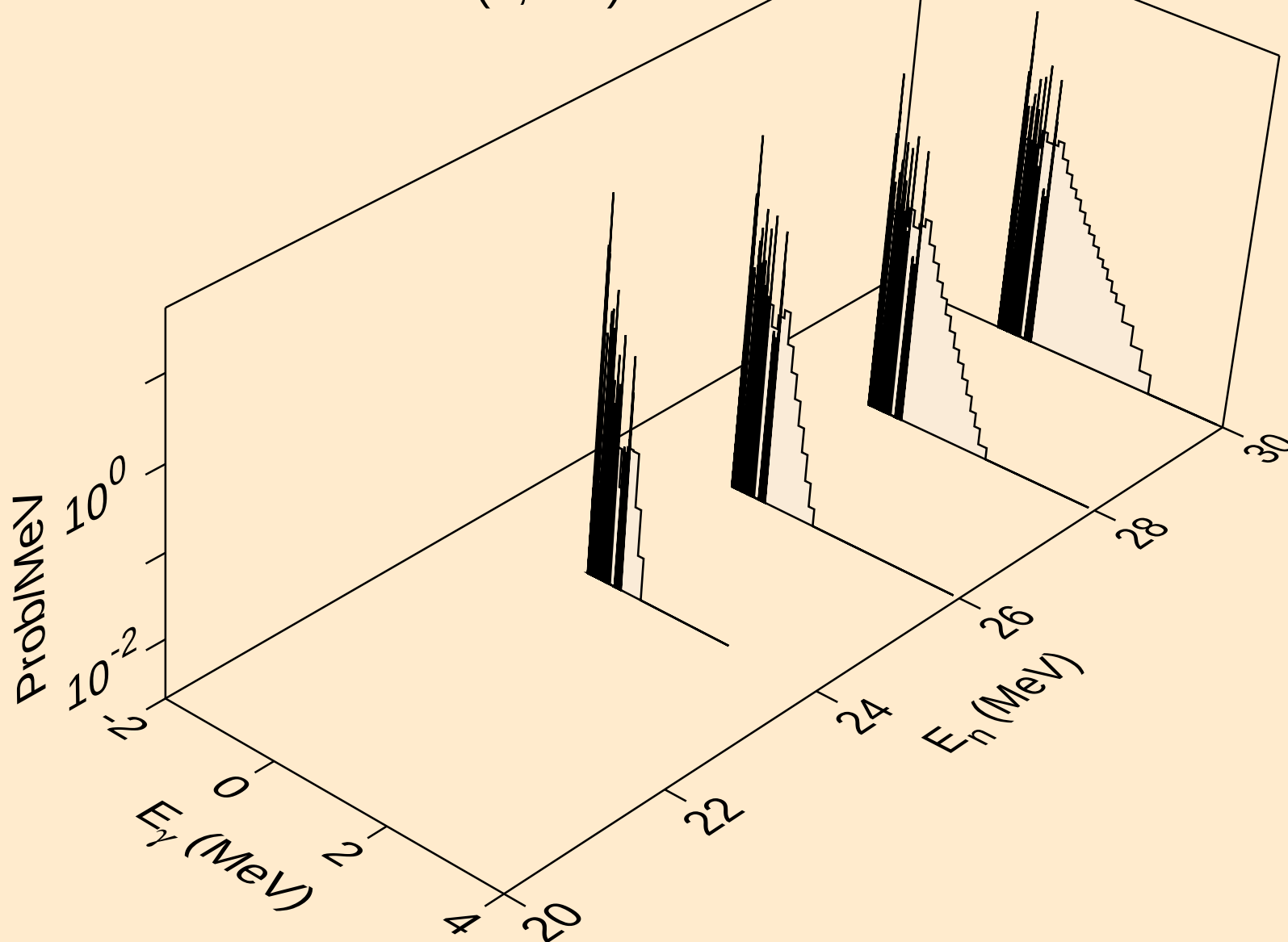
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



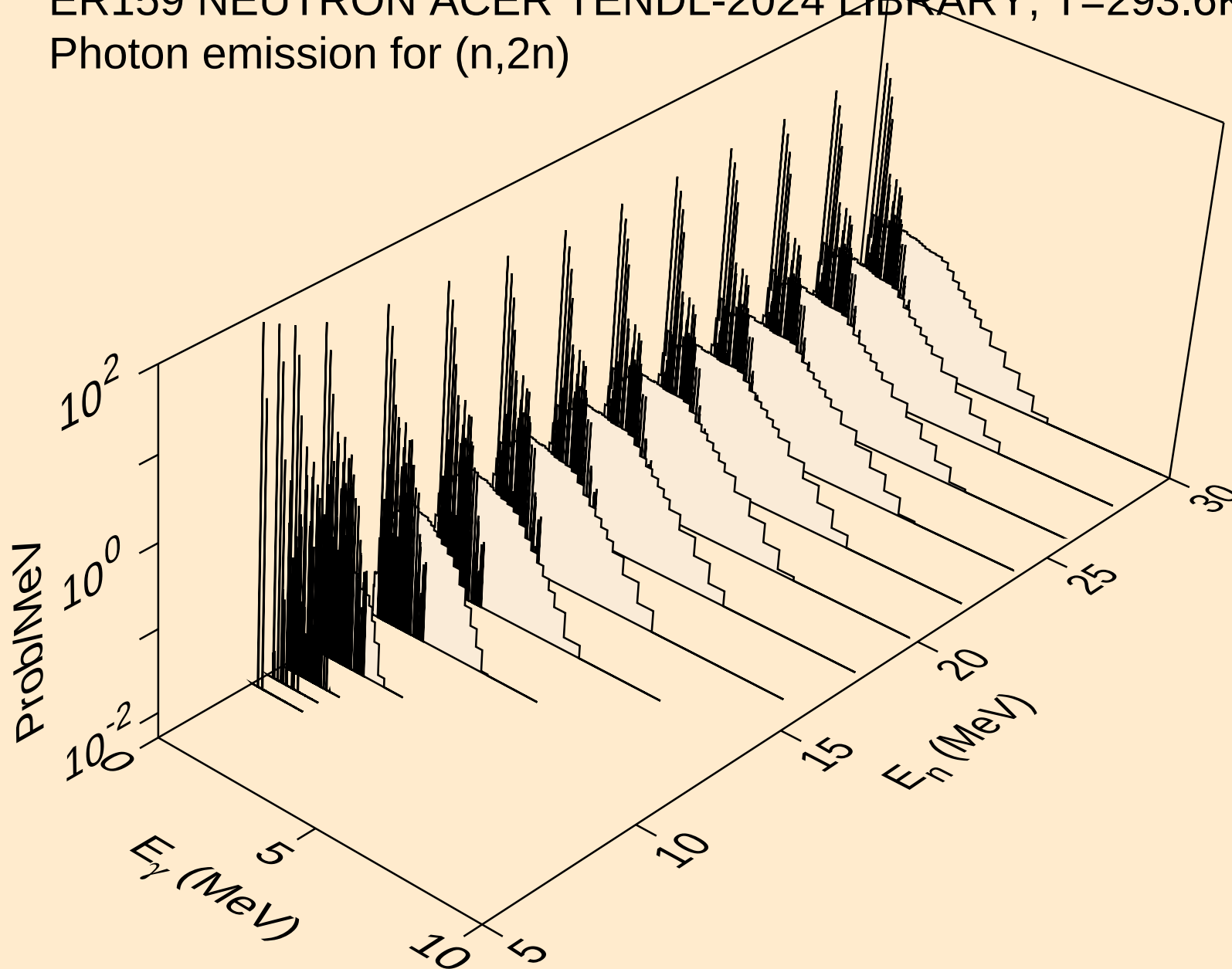
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



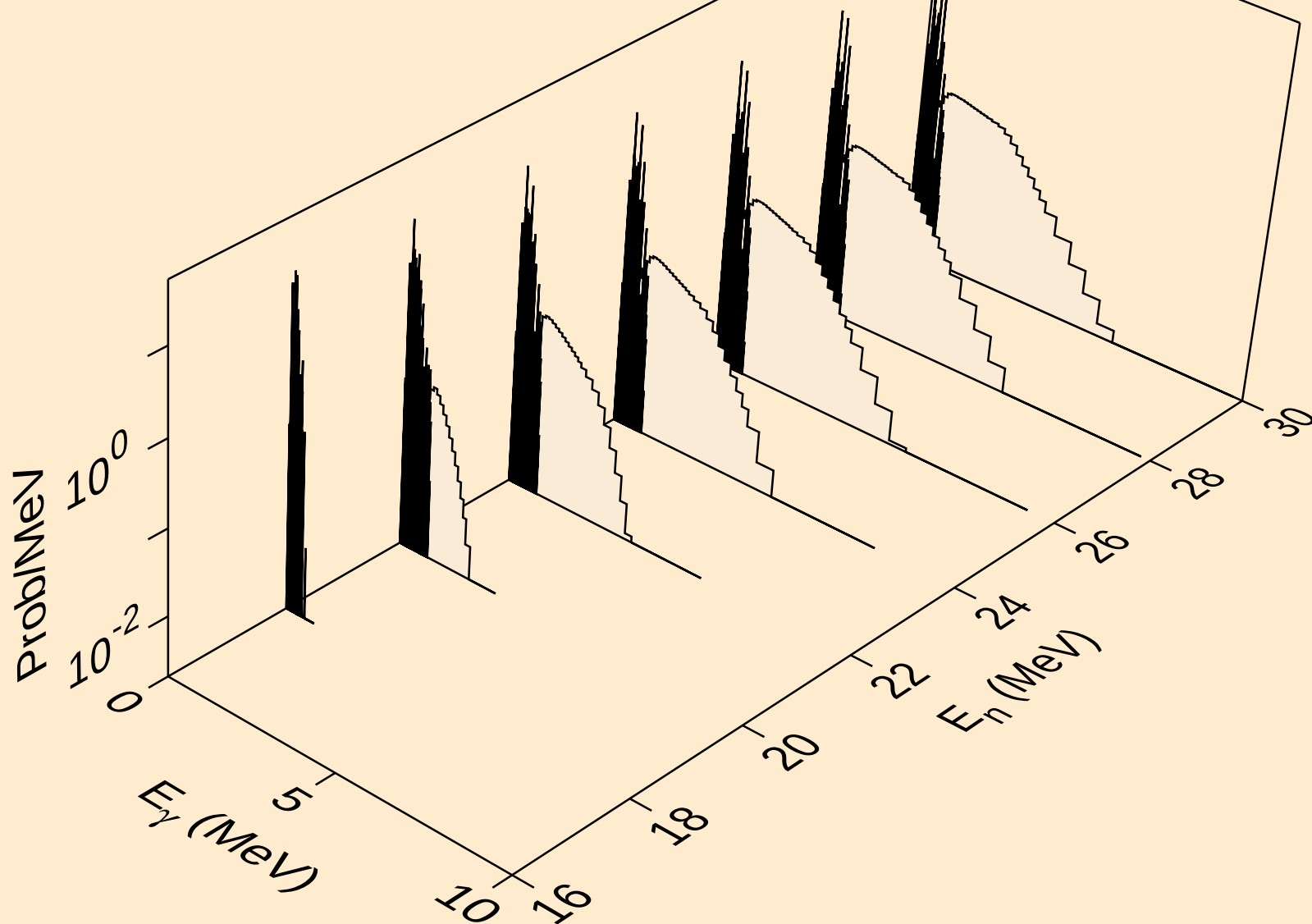
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



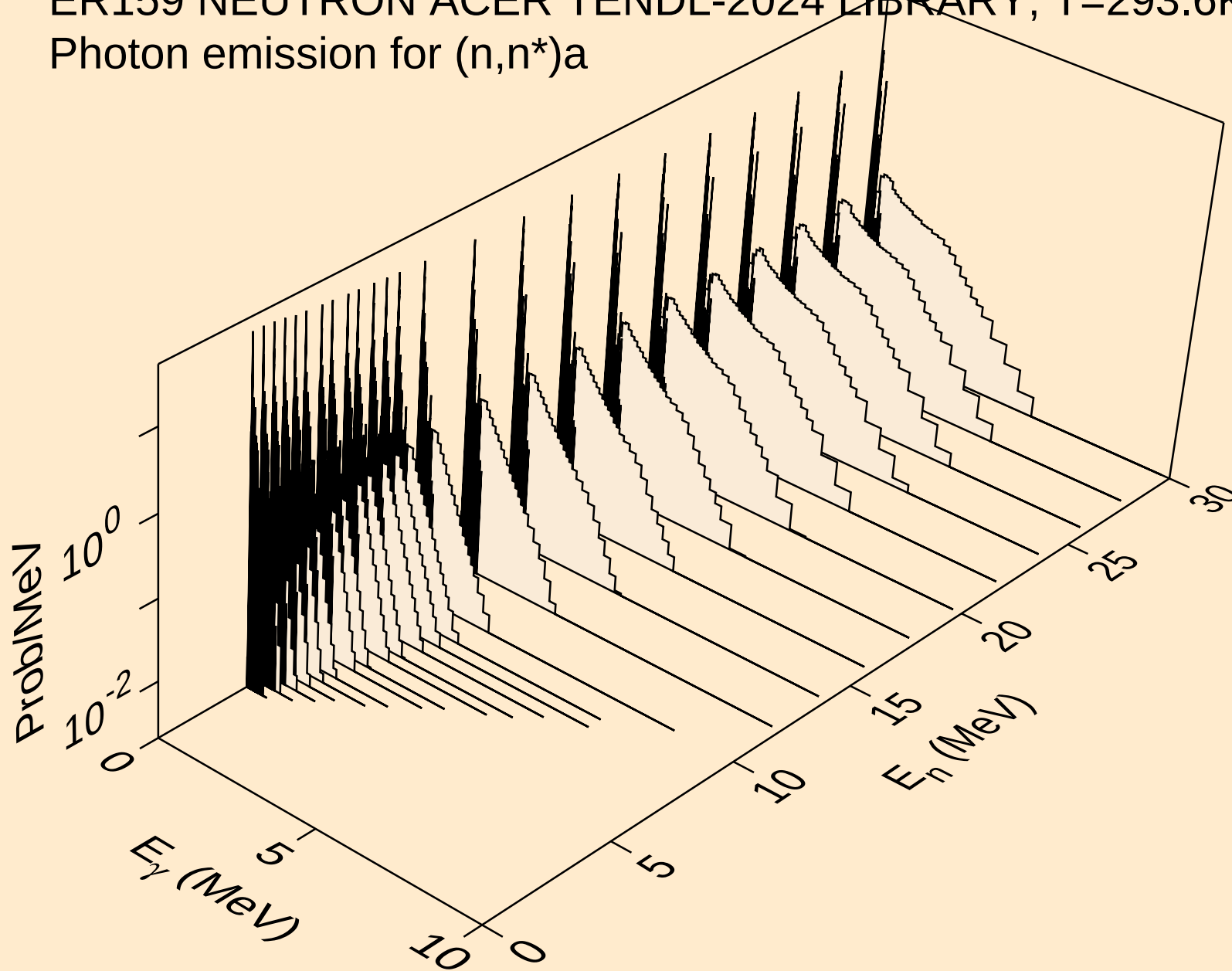
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



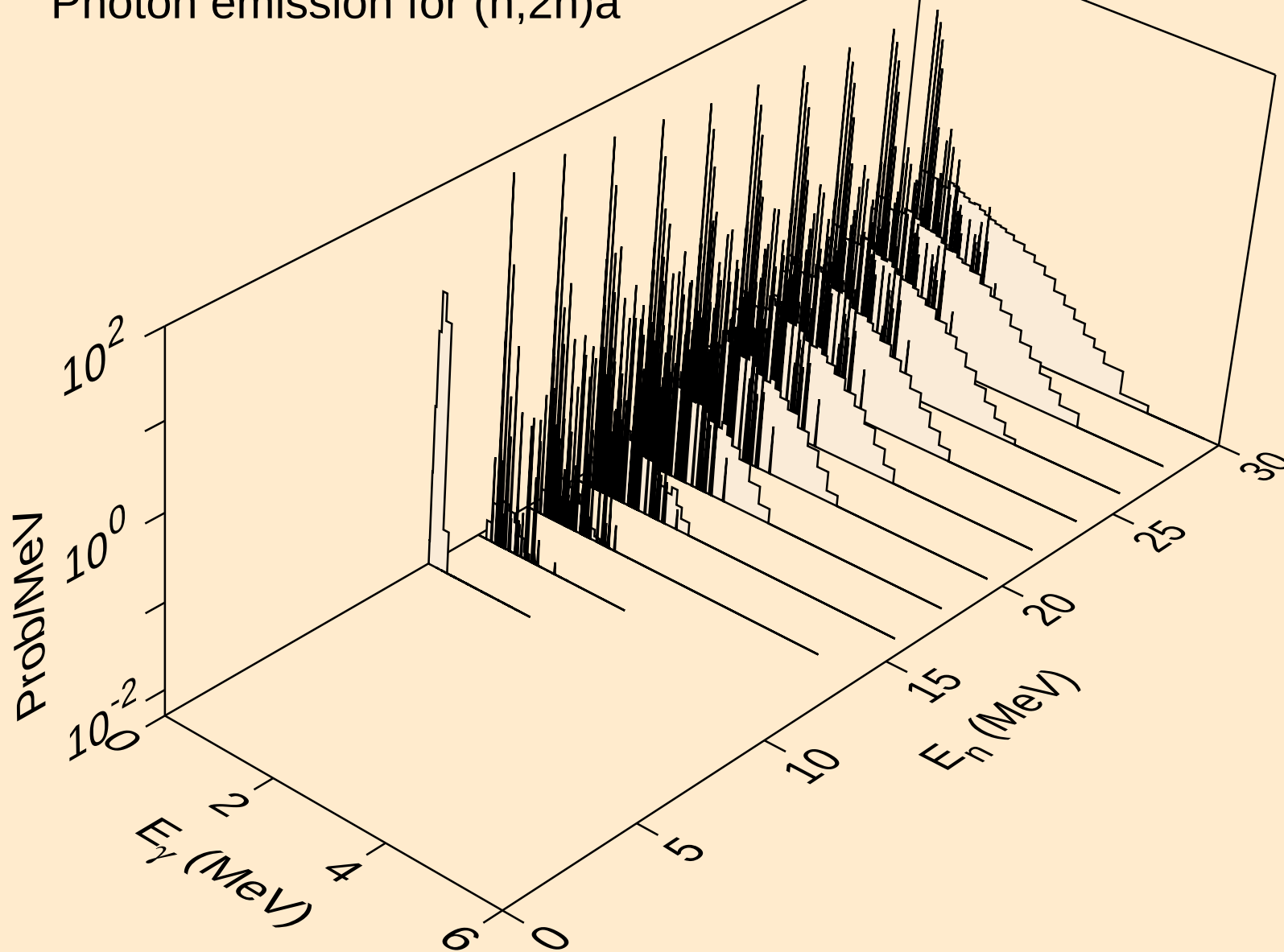
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



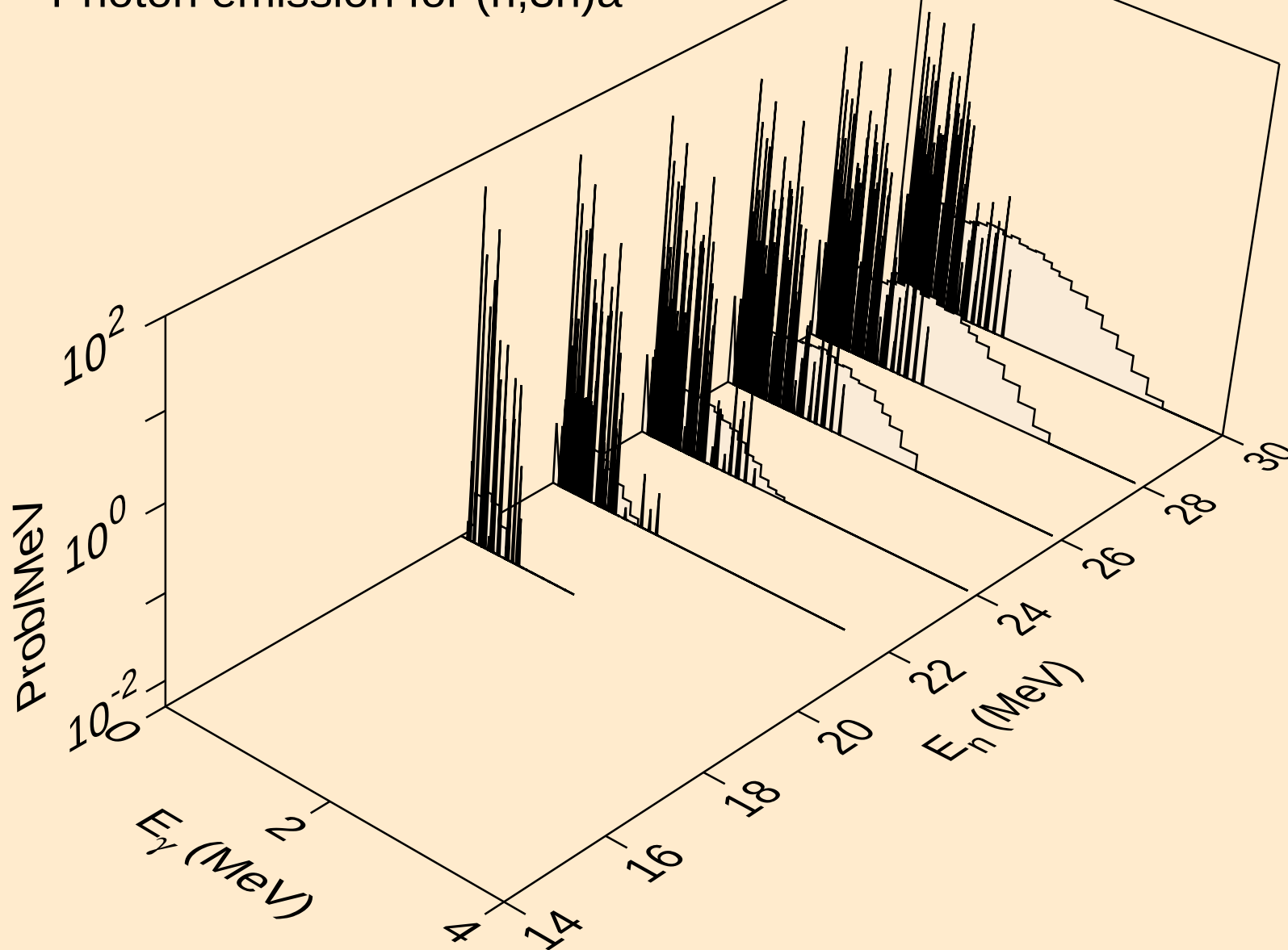
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



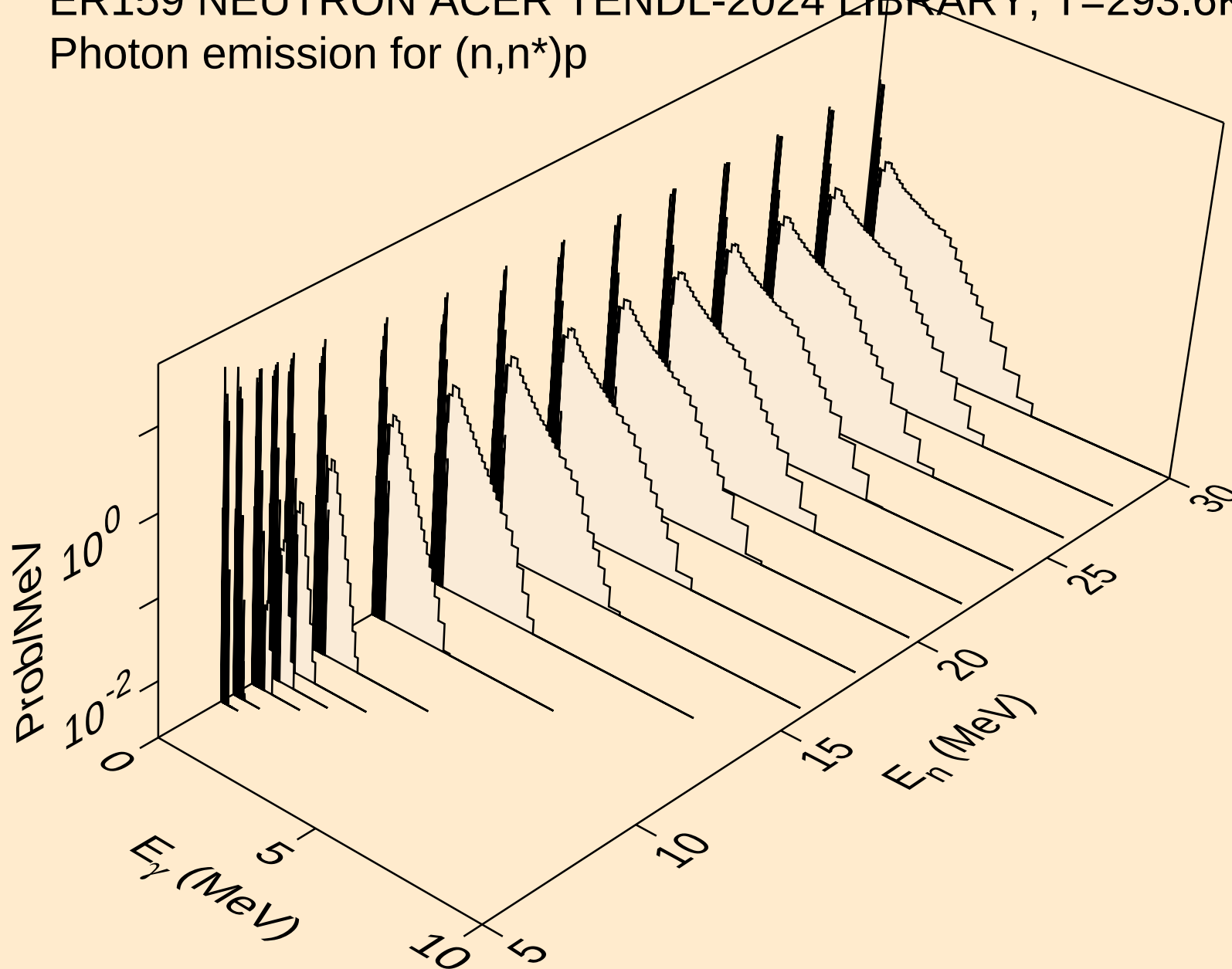
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



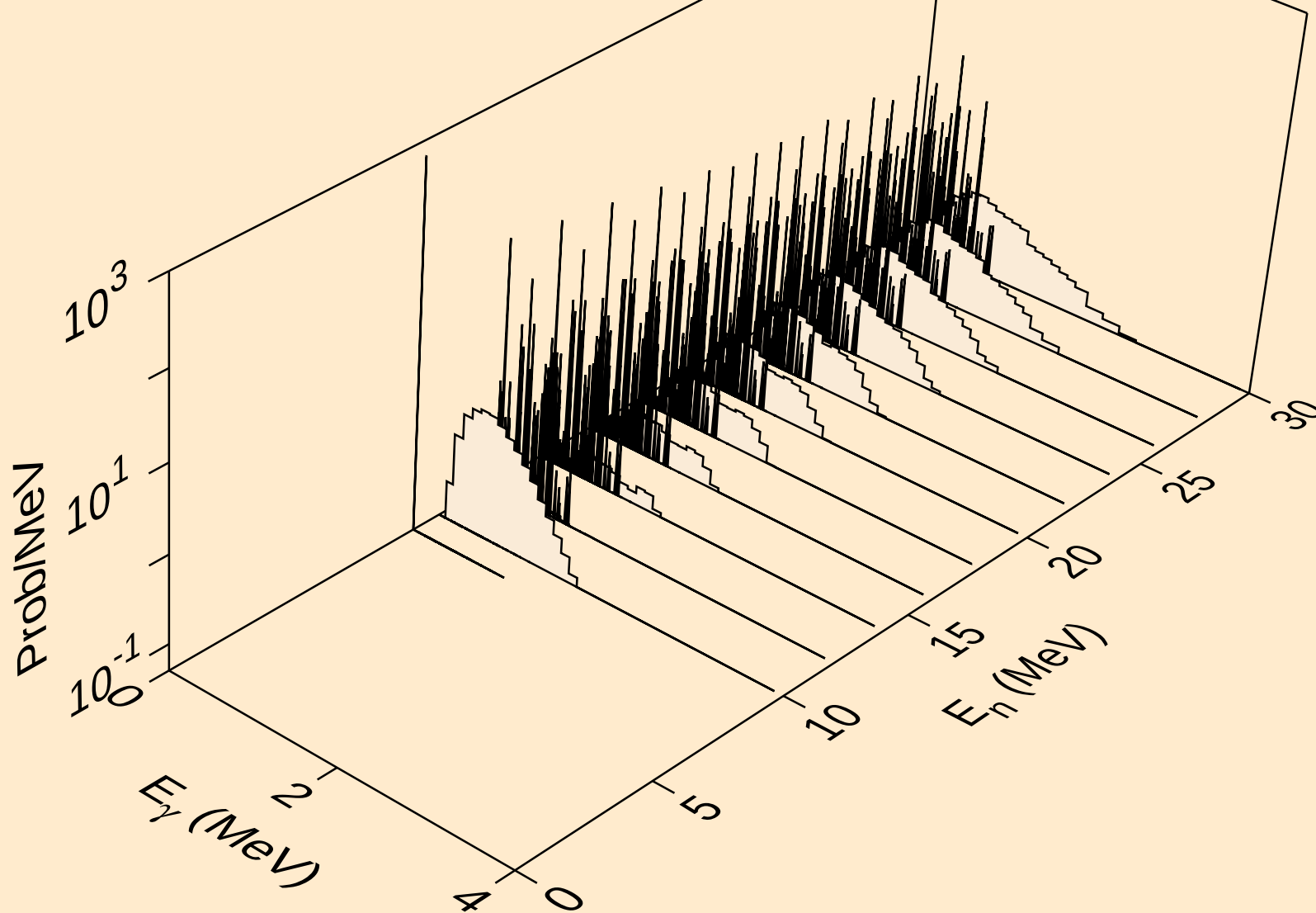
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



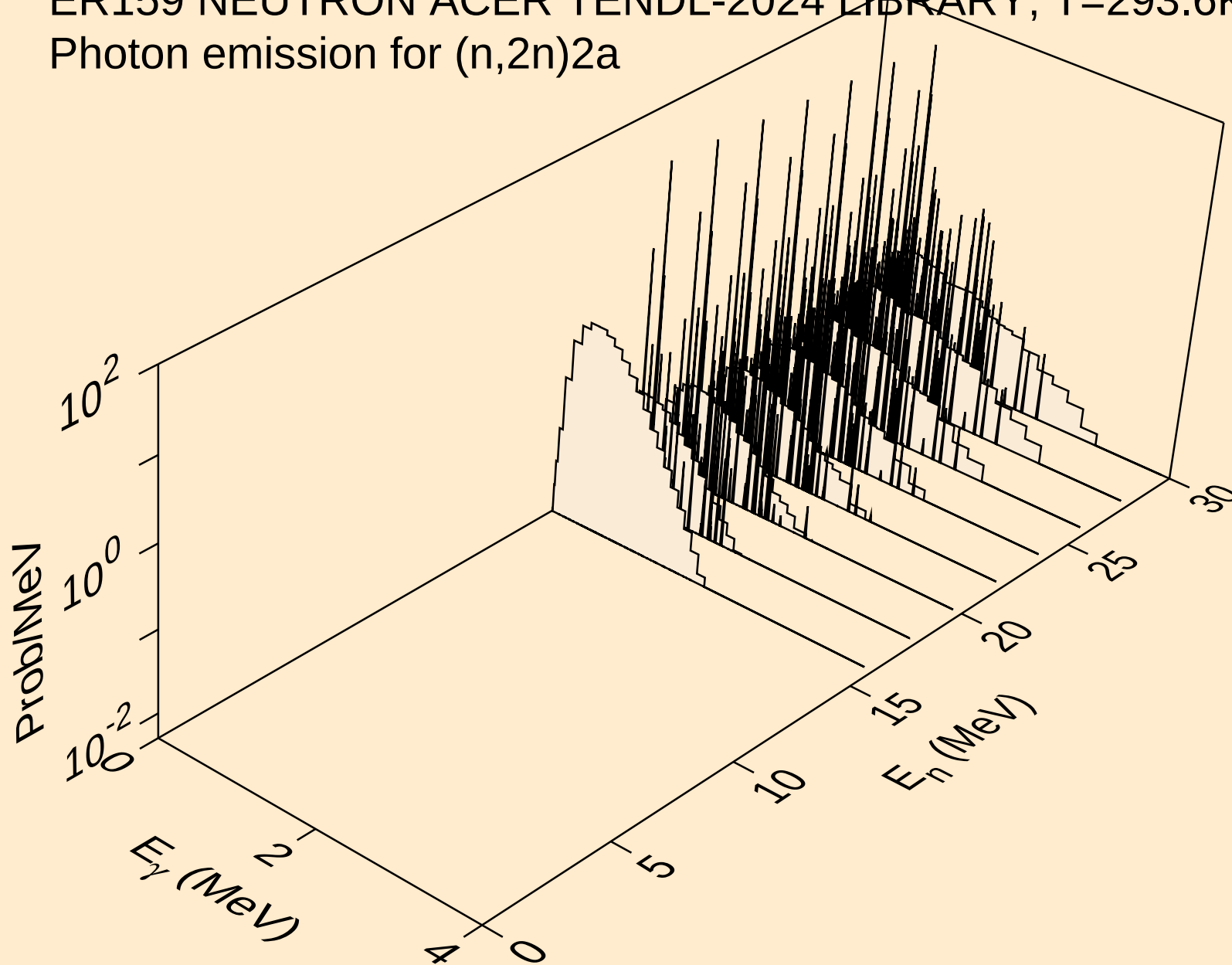
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



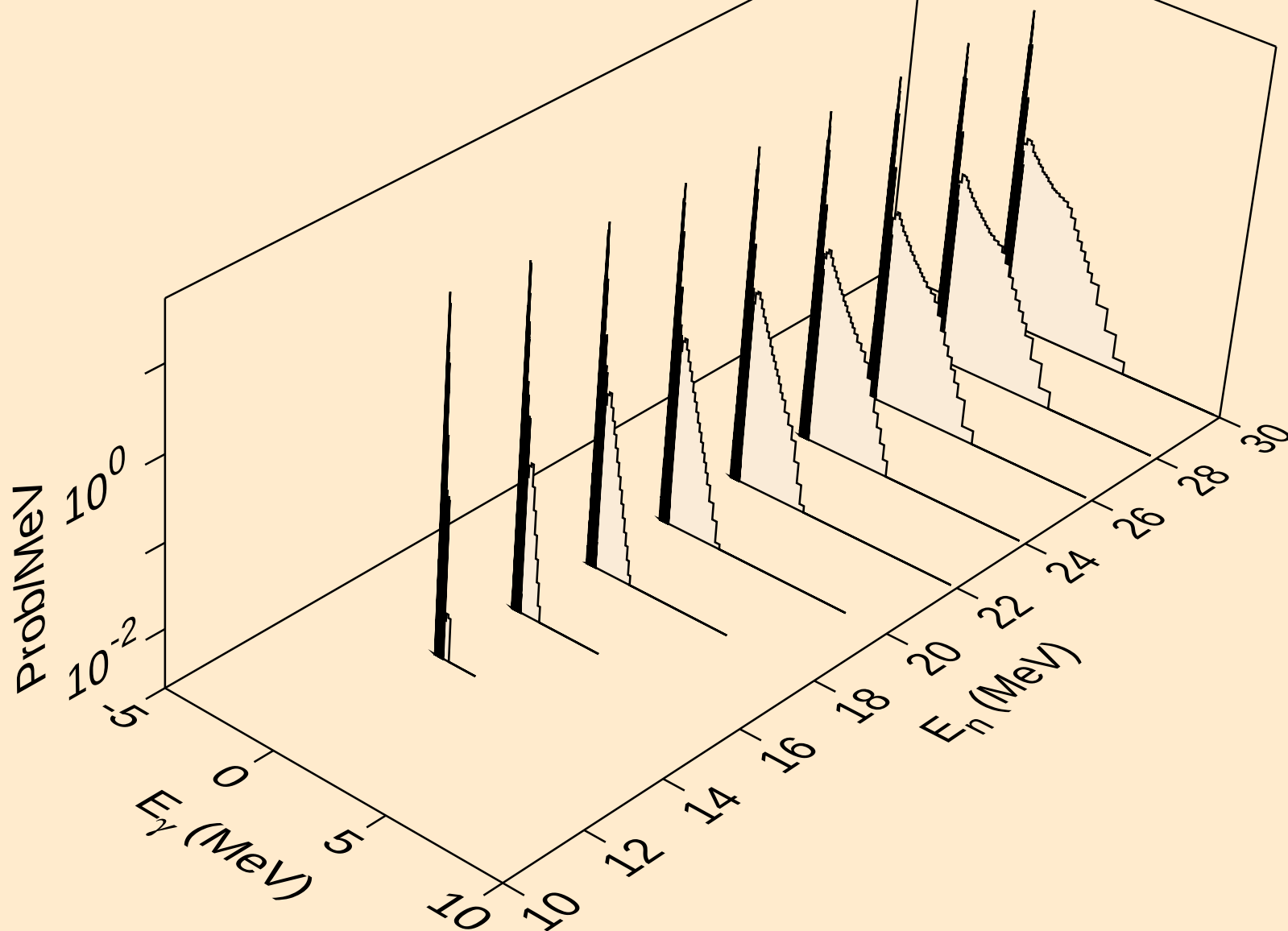
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



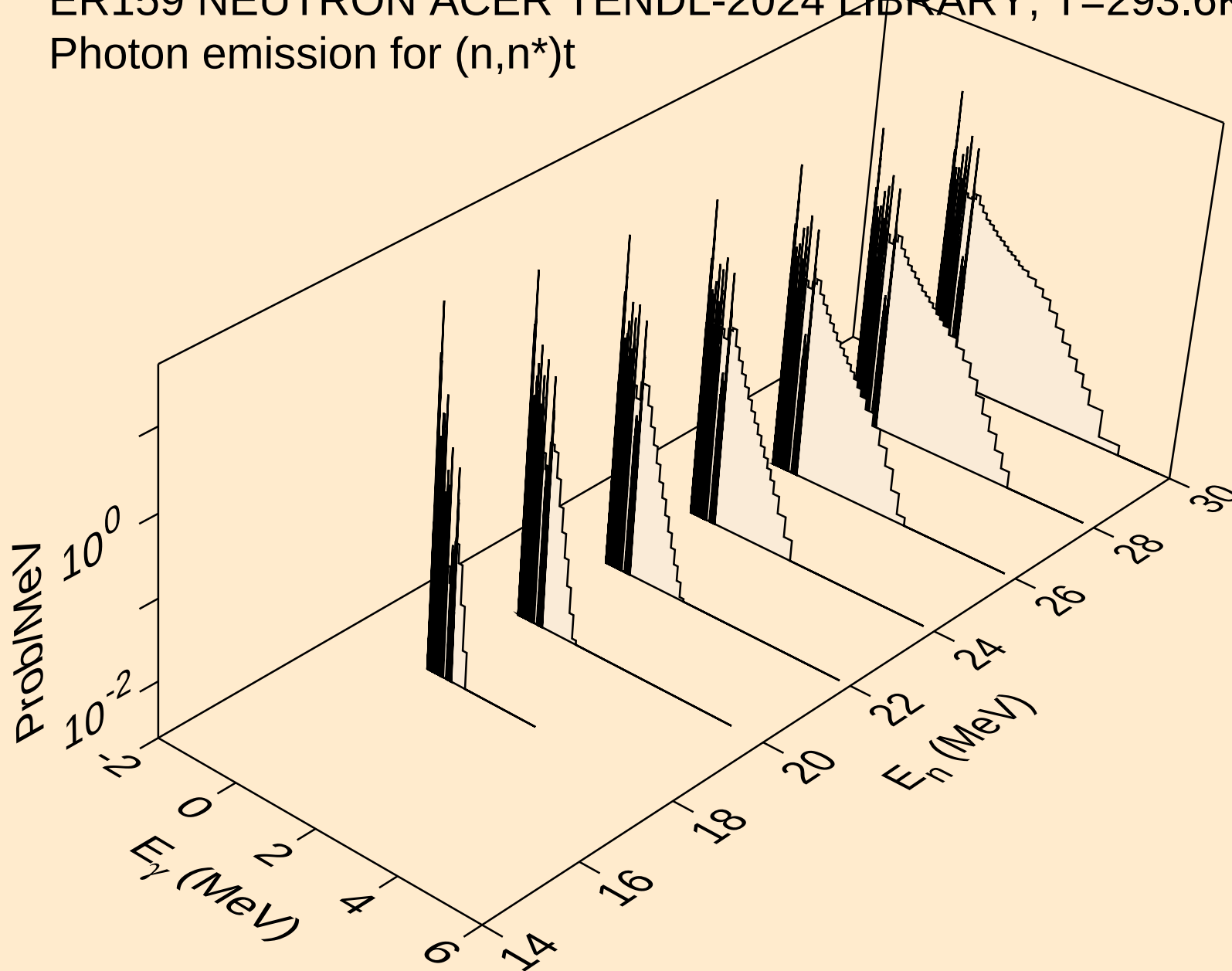
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



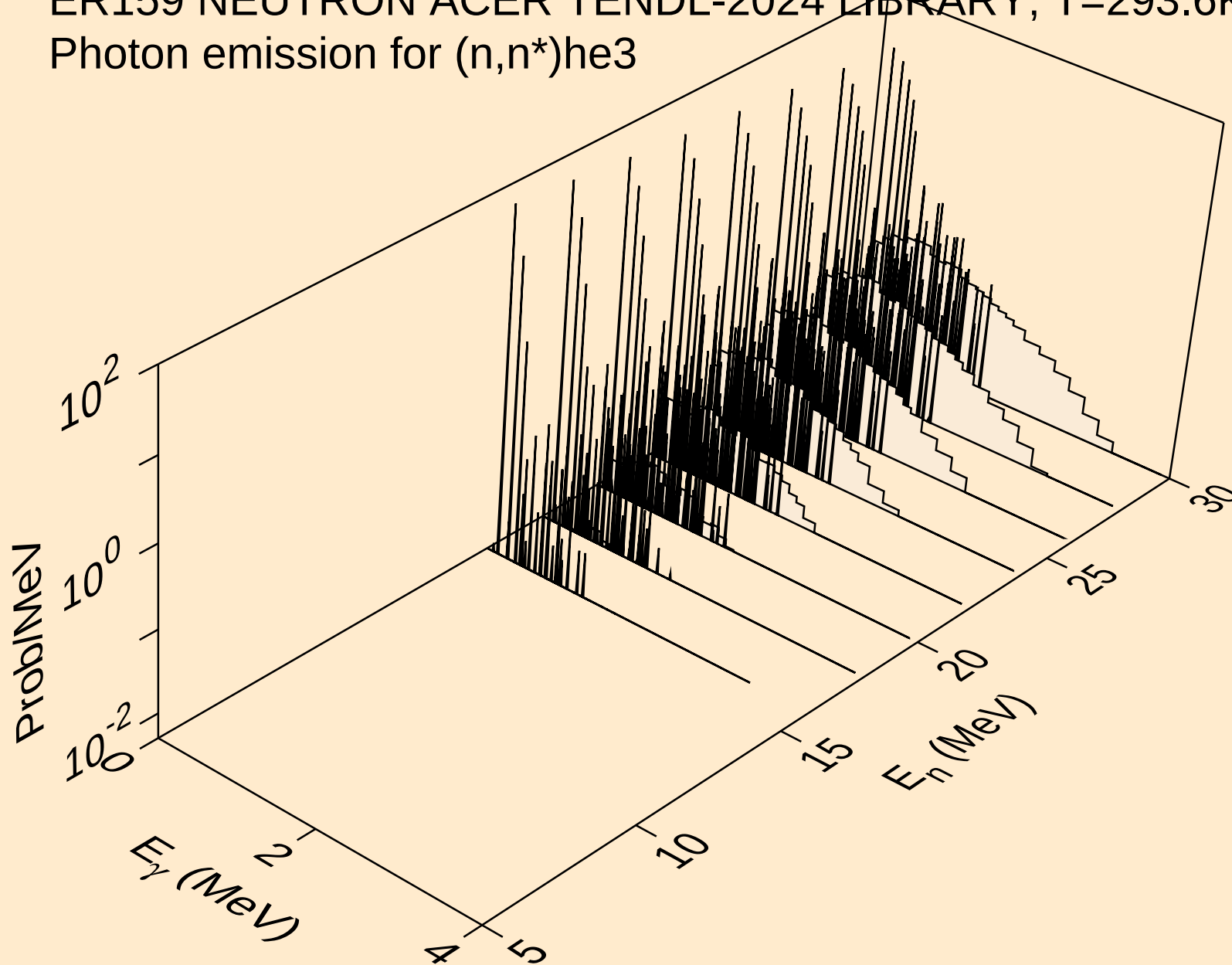
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



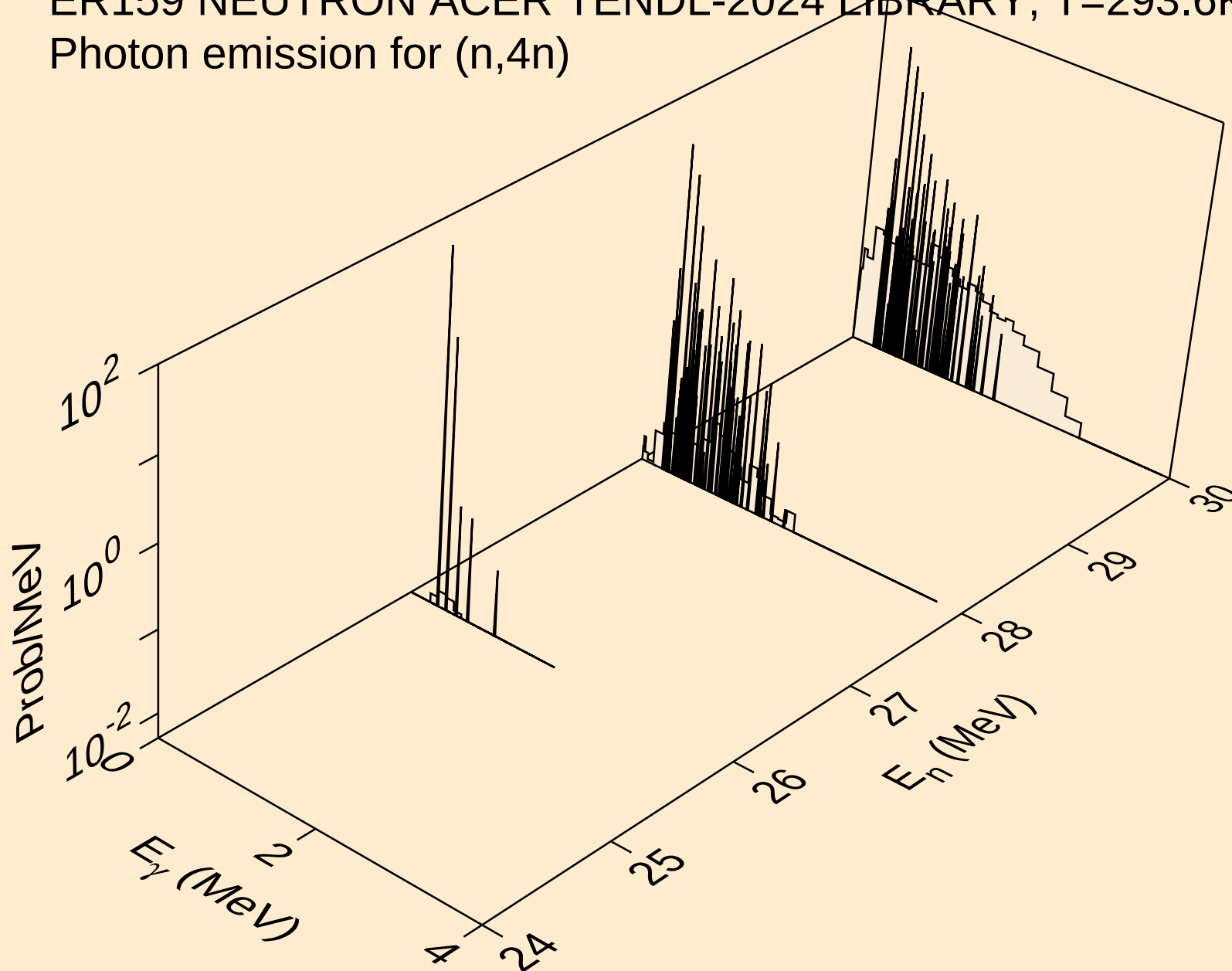
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



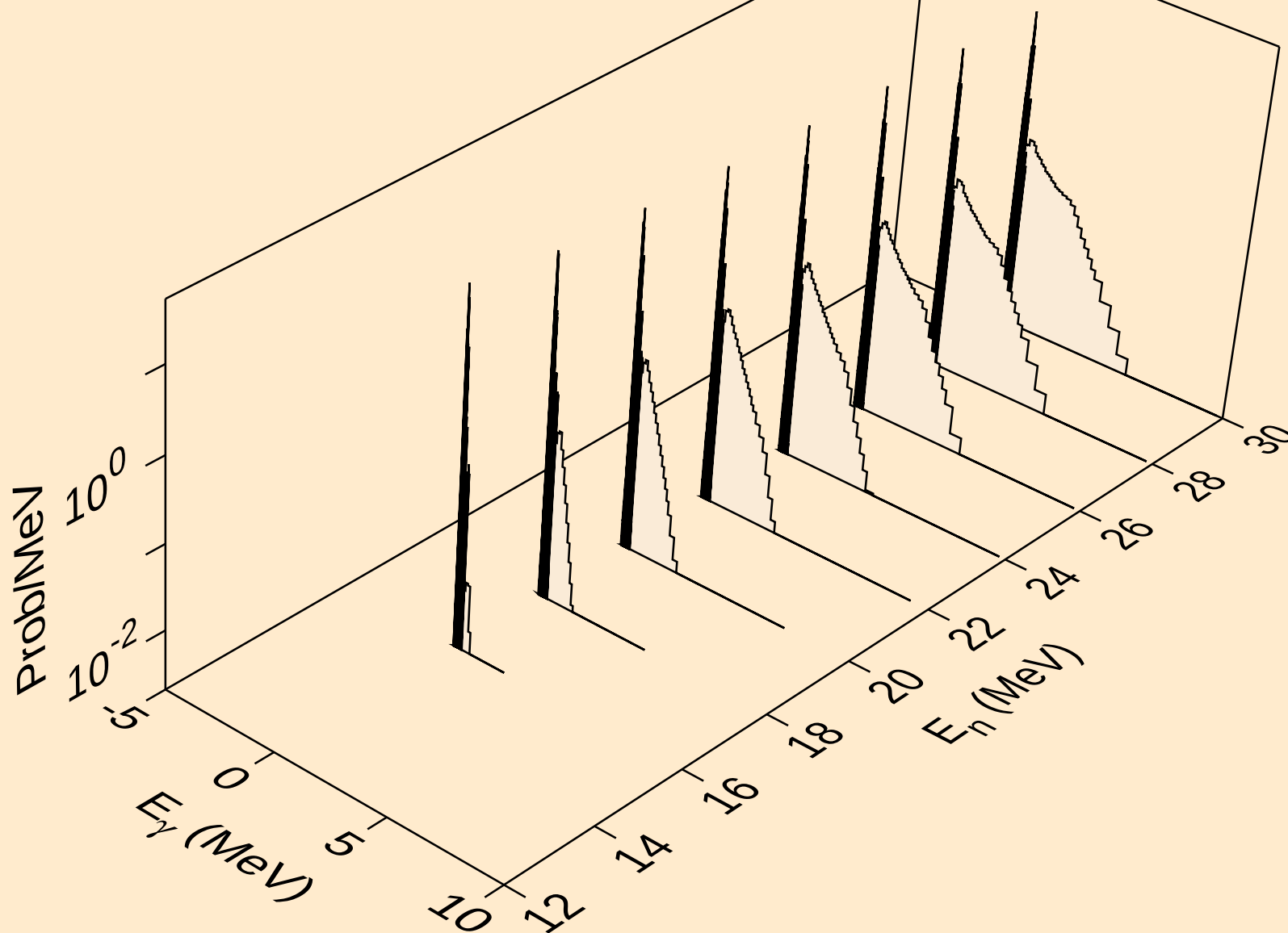
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



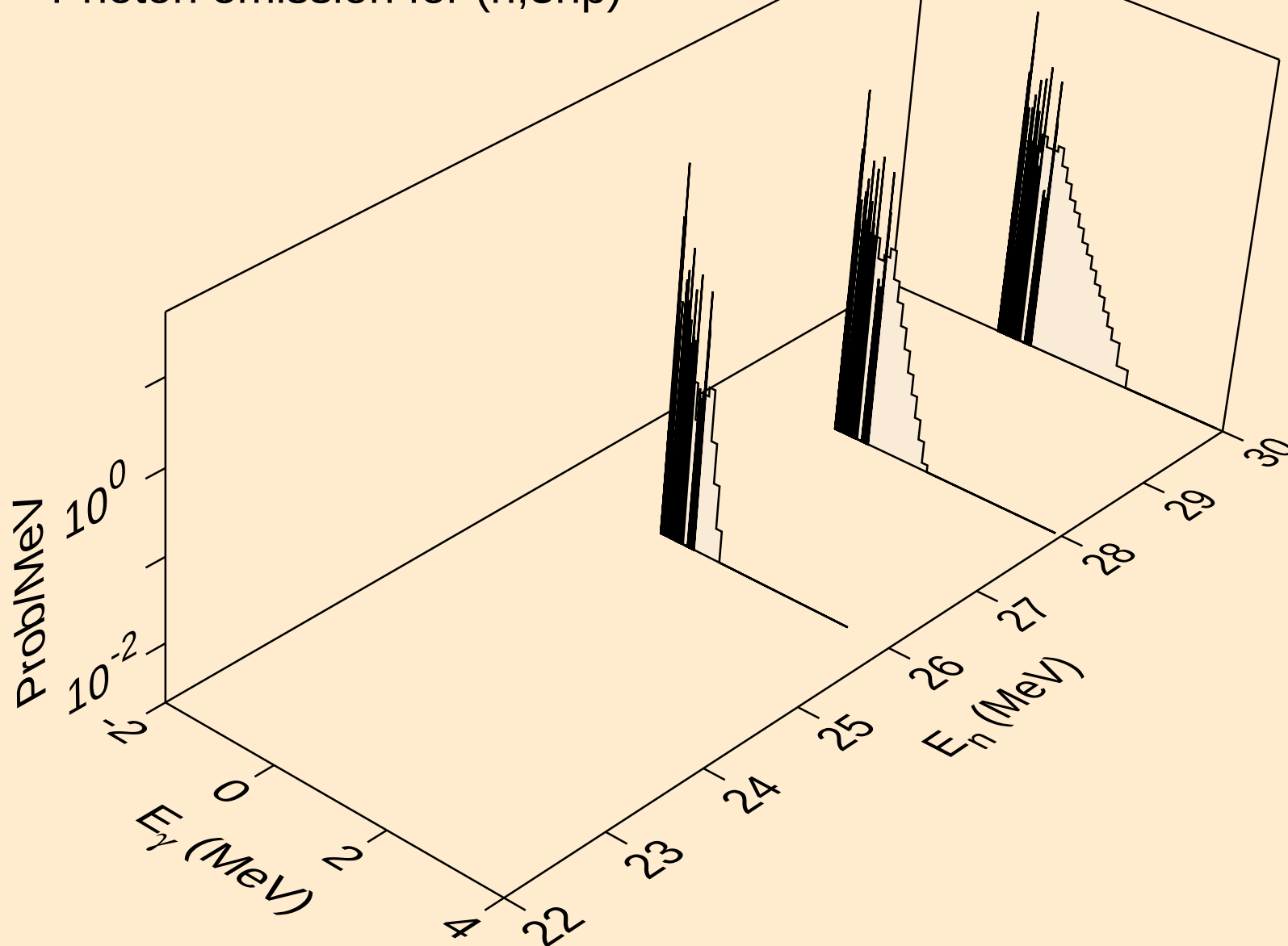
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



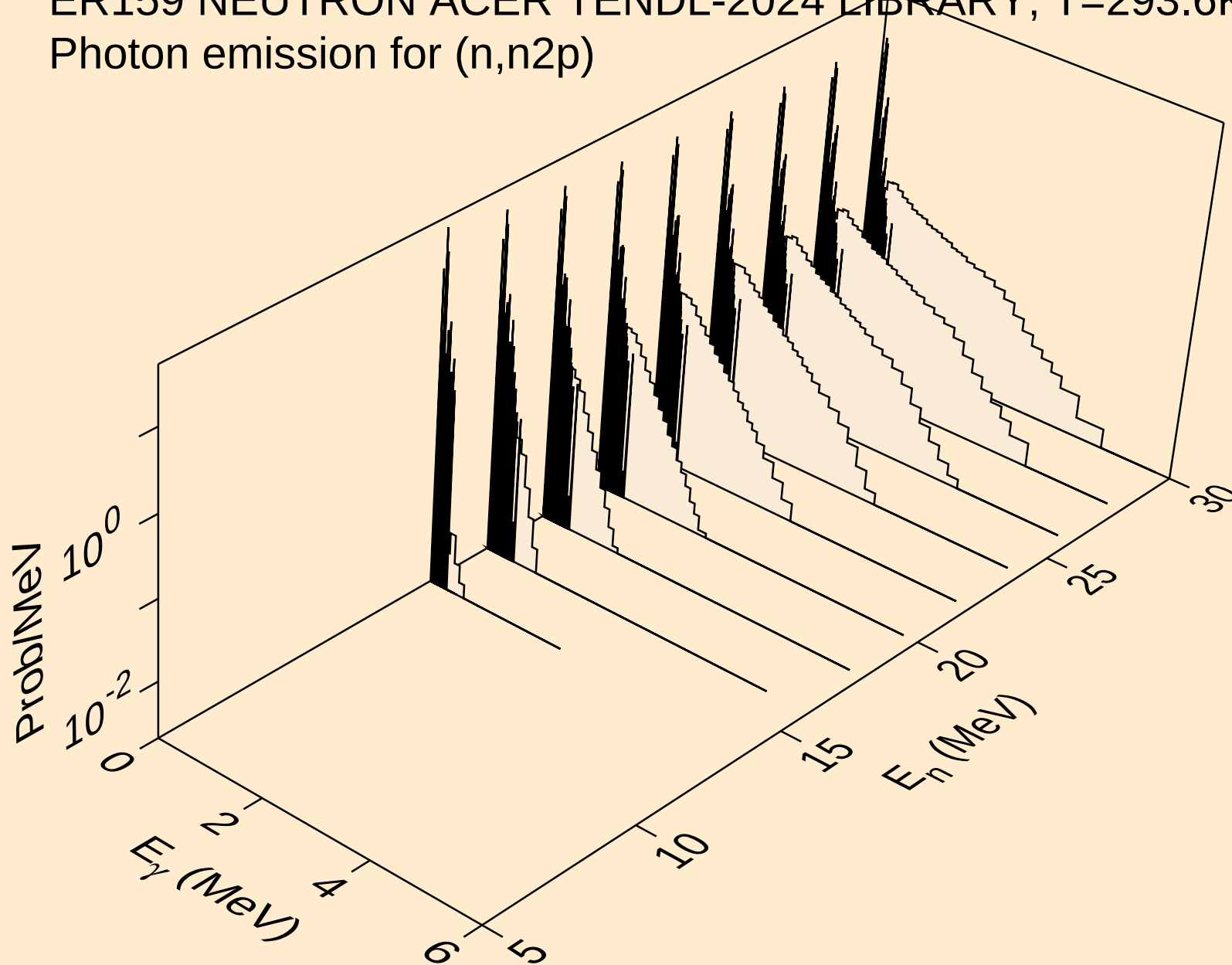
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Photon emission for (n,2np)



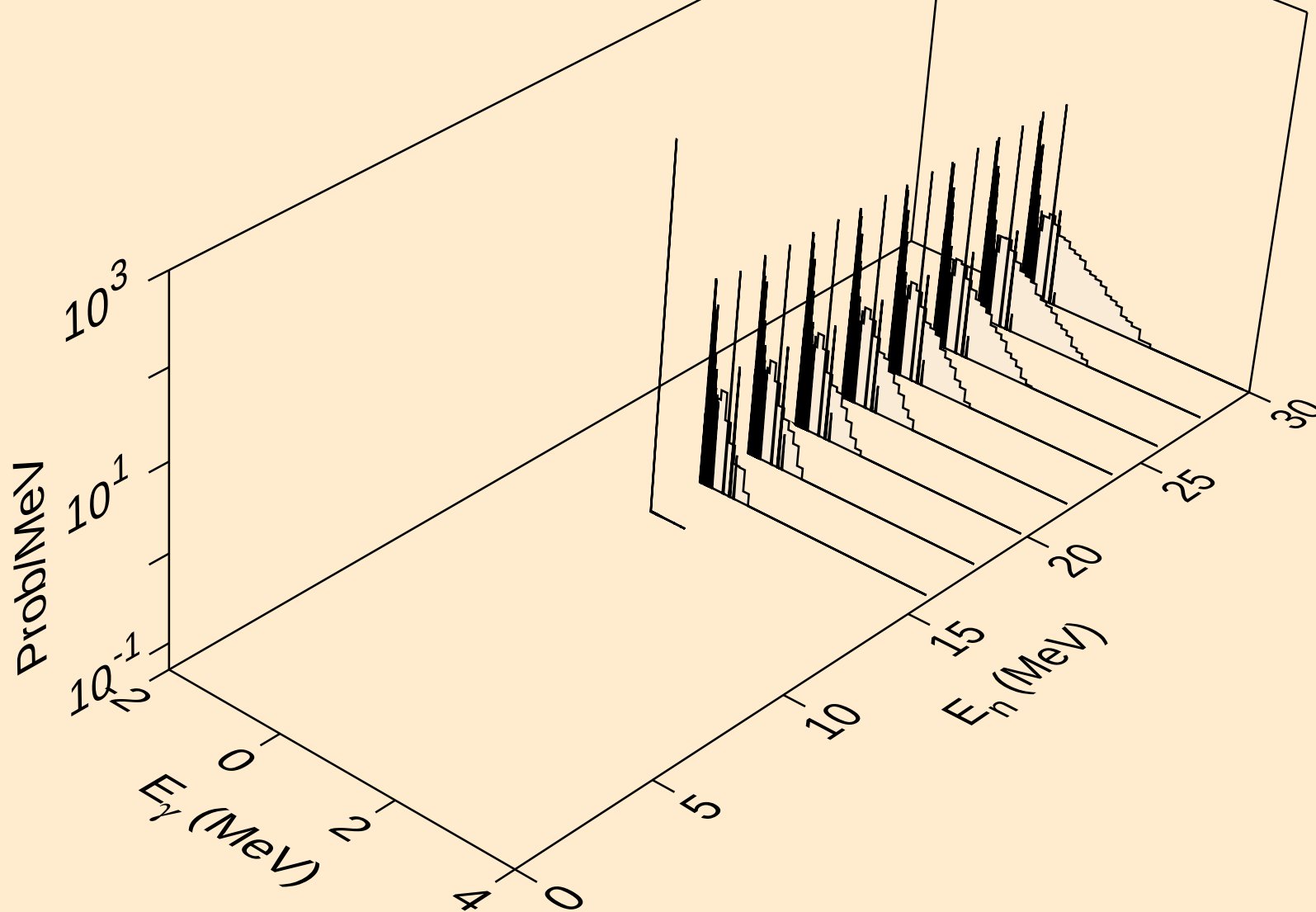
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Photon emission for (n,3np)



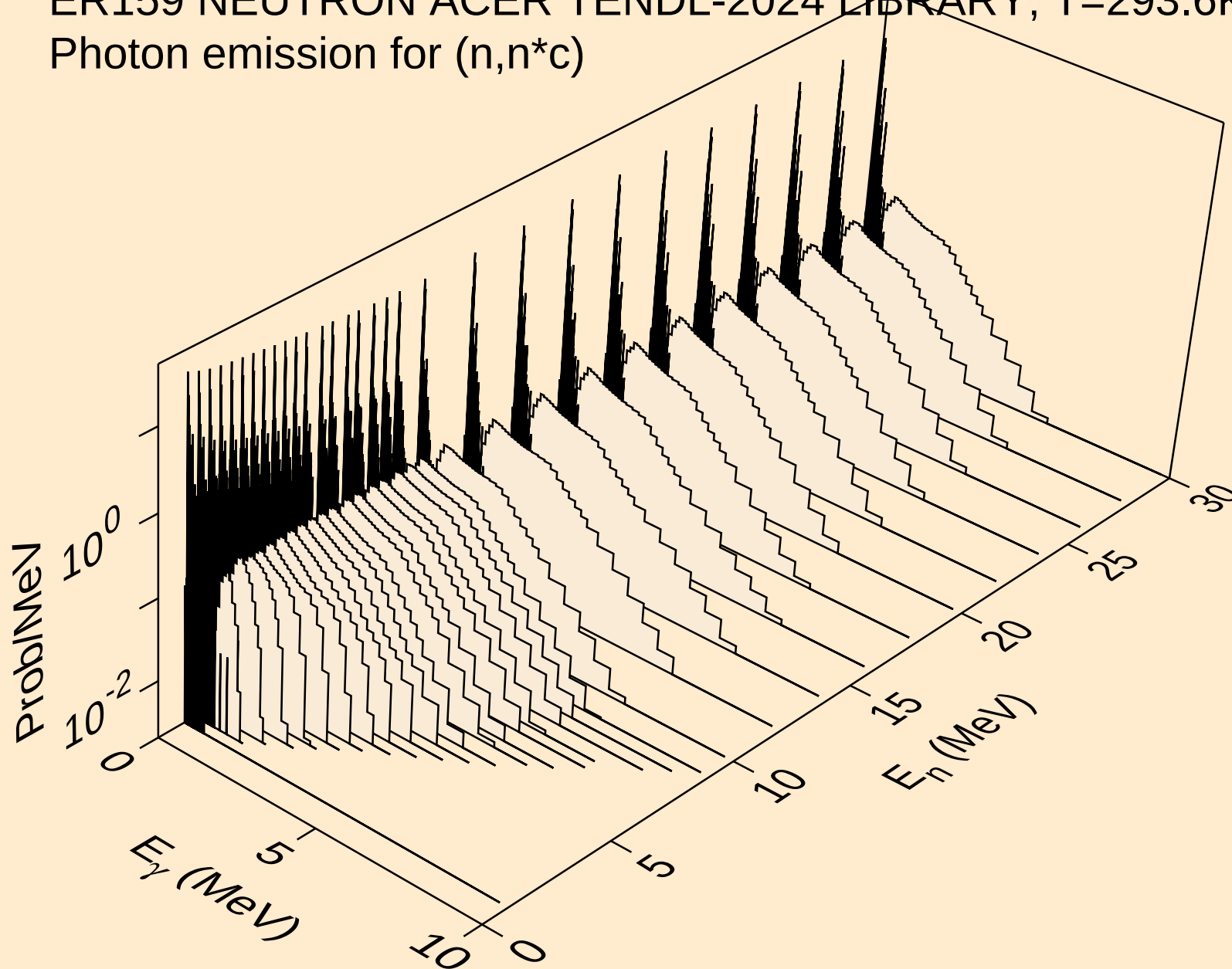
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Photon emission for (n,n2p)



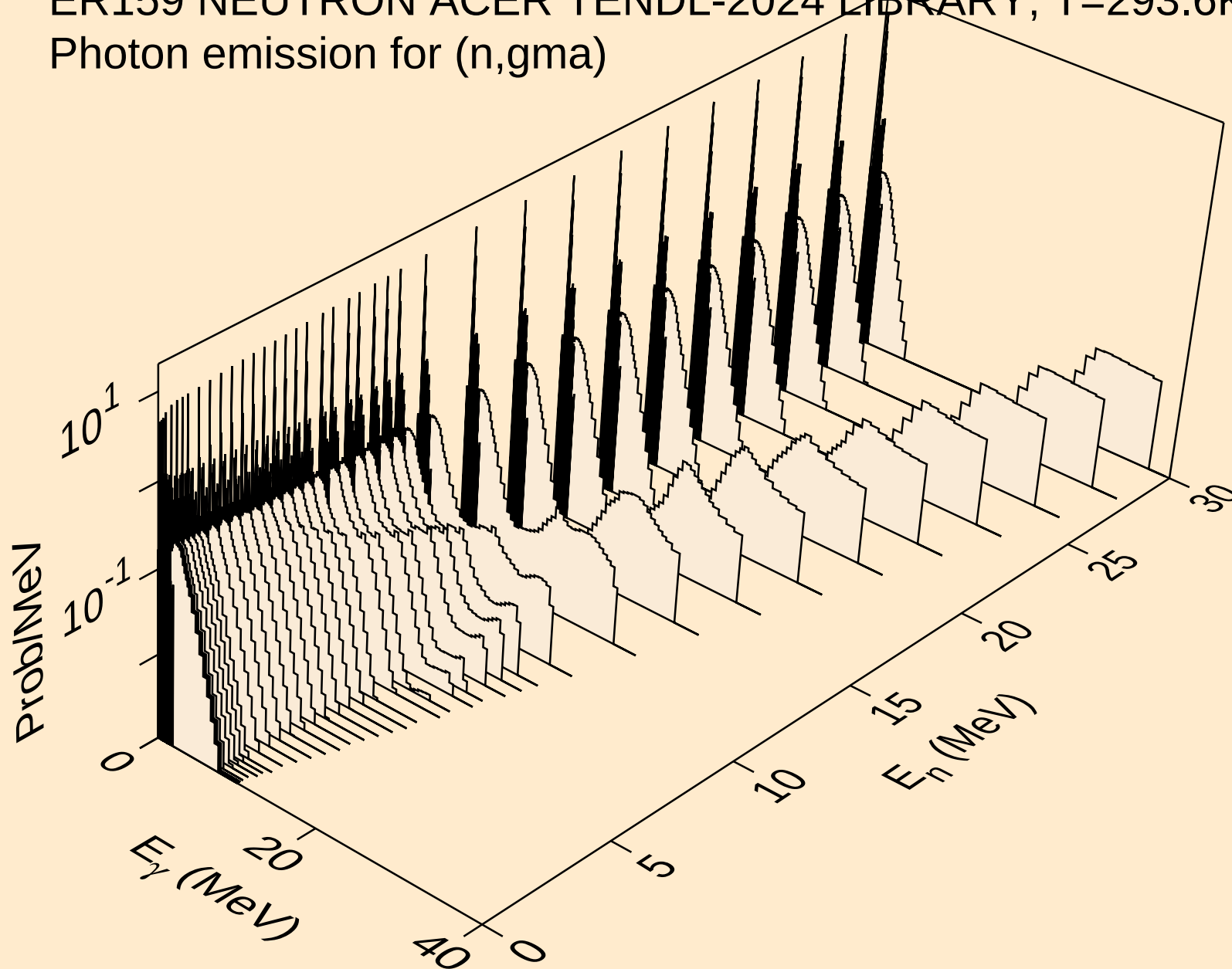
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Photon emission for (n,npa)



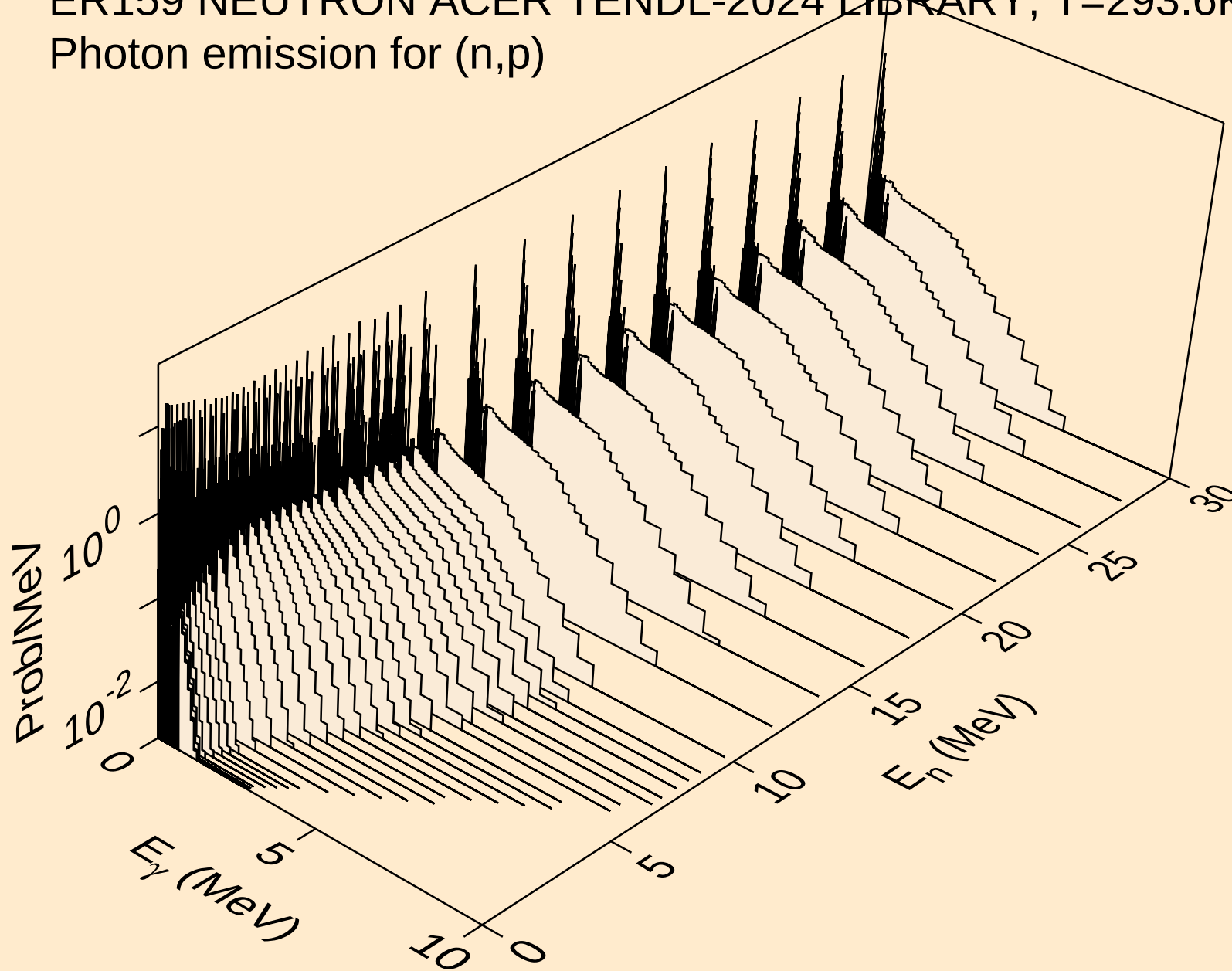
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



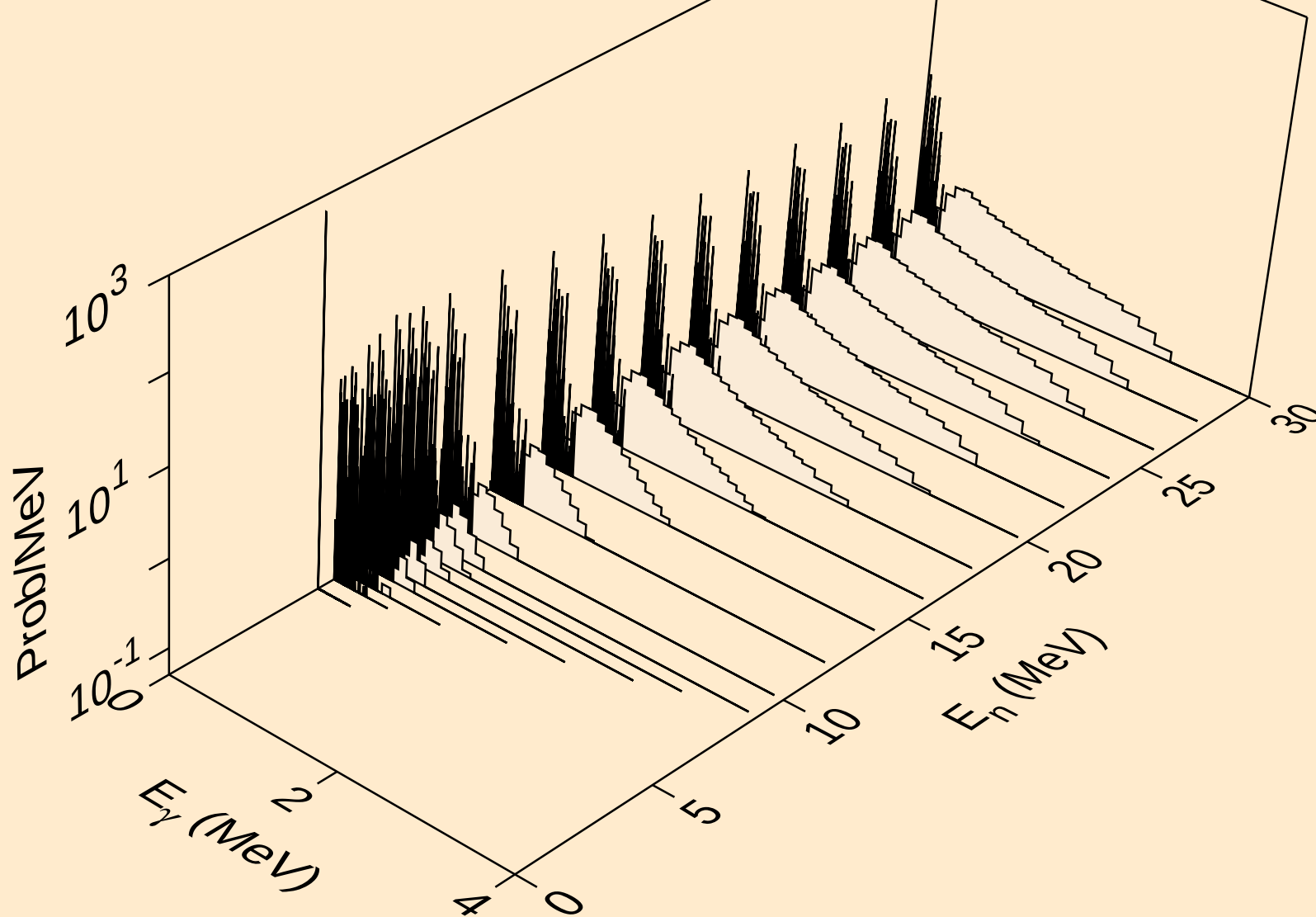
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Photon emission for (n,gma)



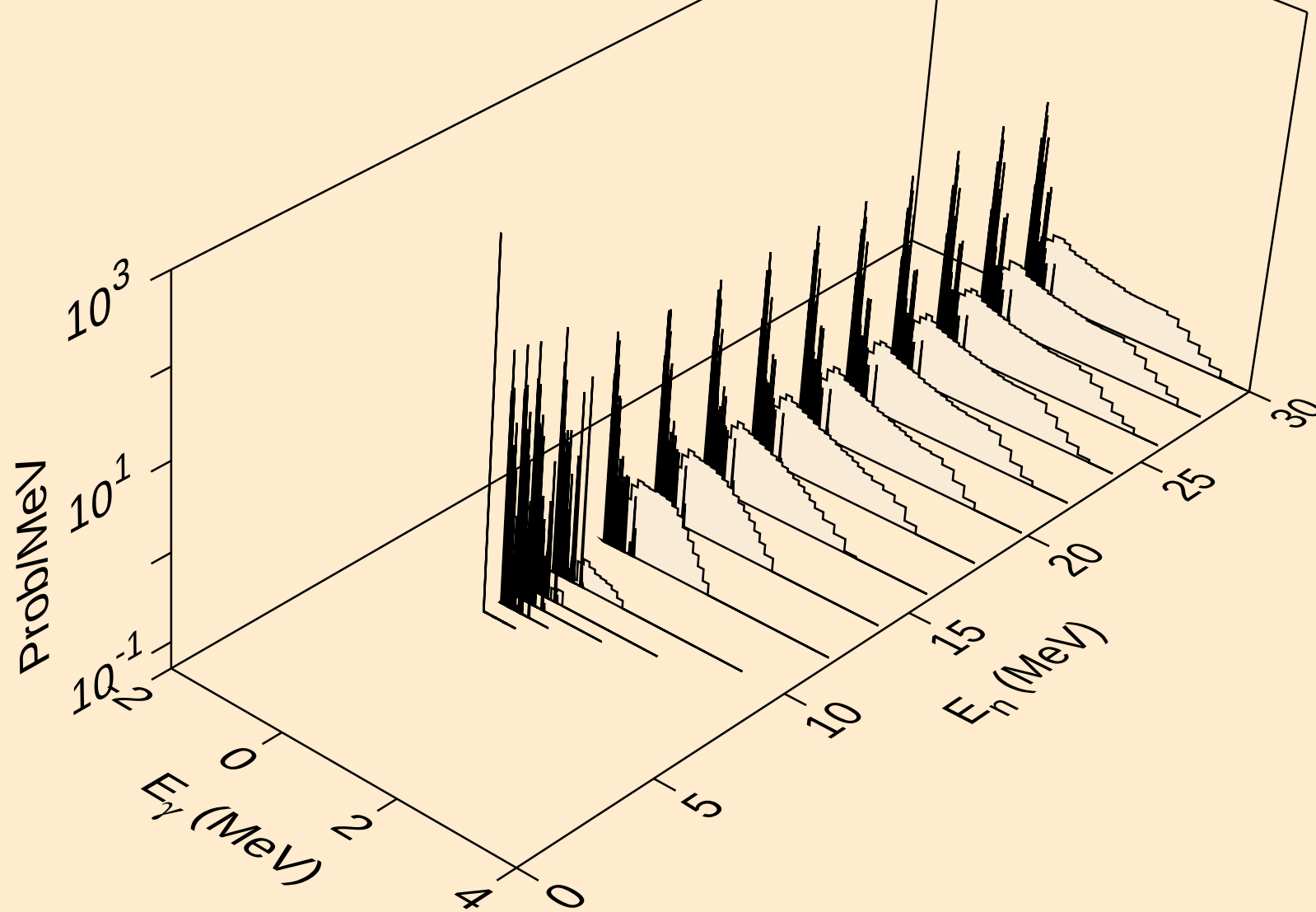
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Photon emission for (n,p)



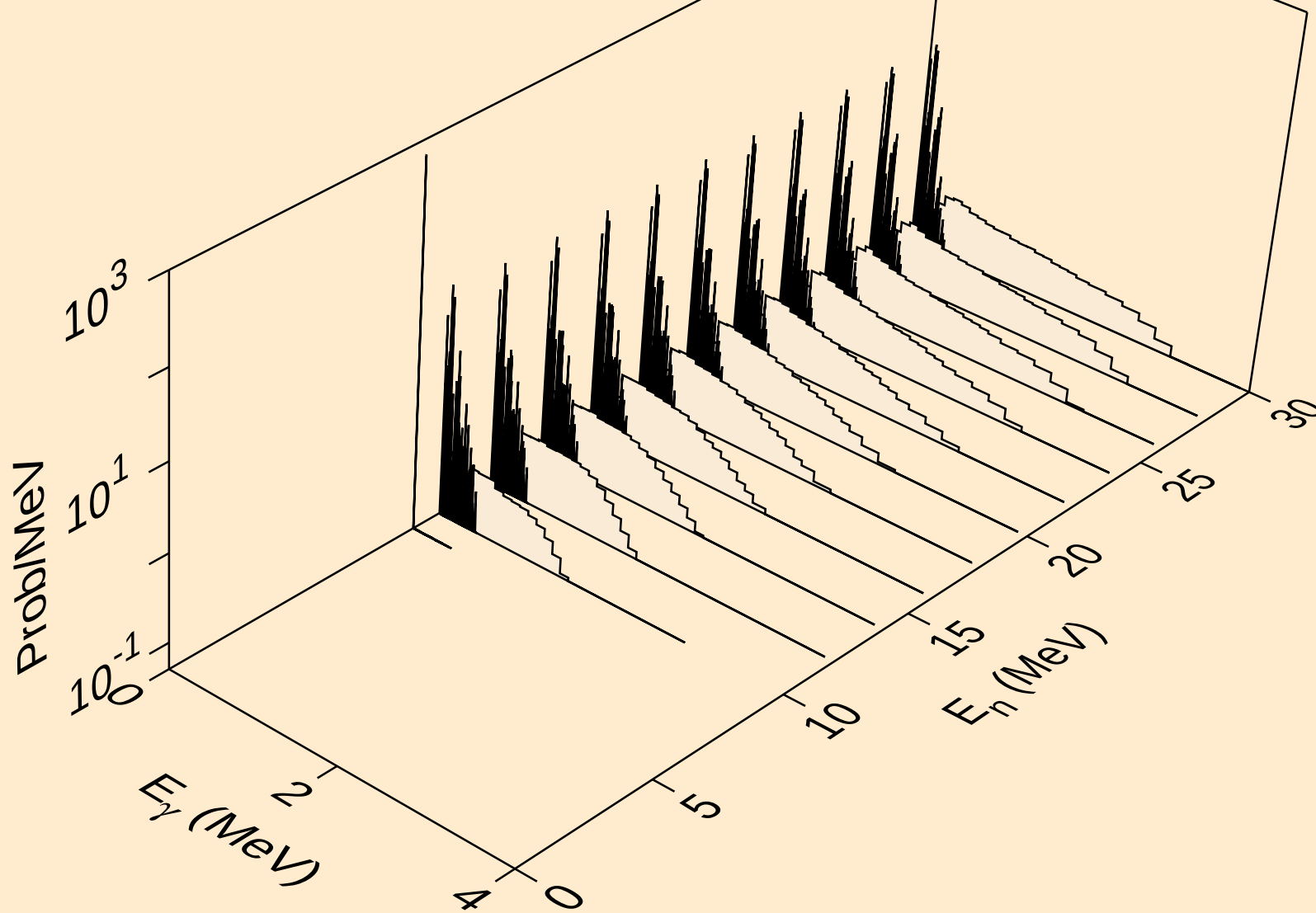
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



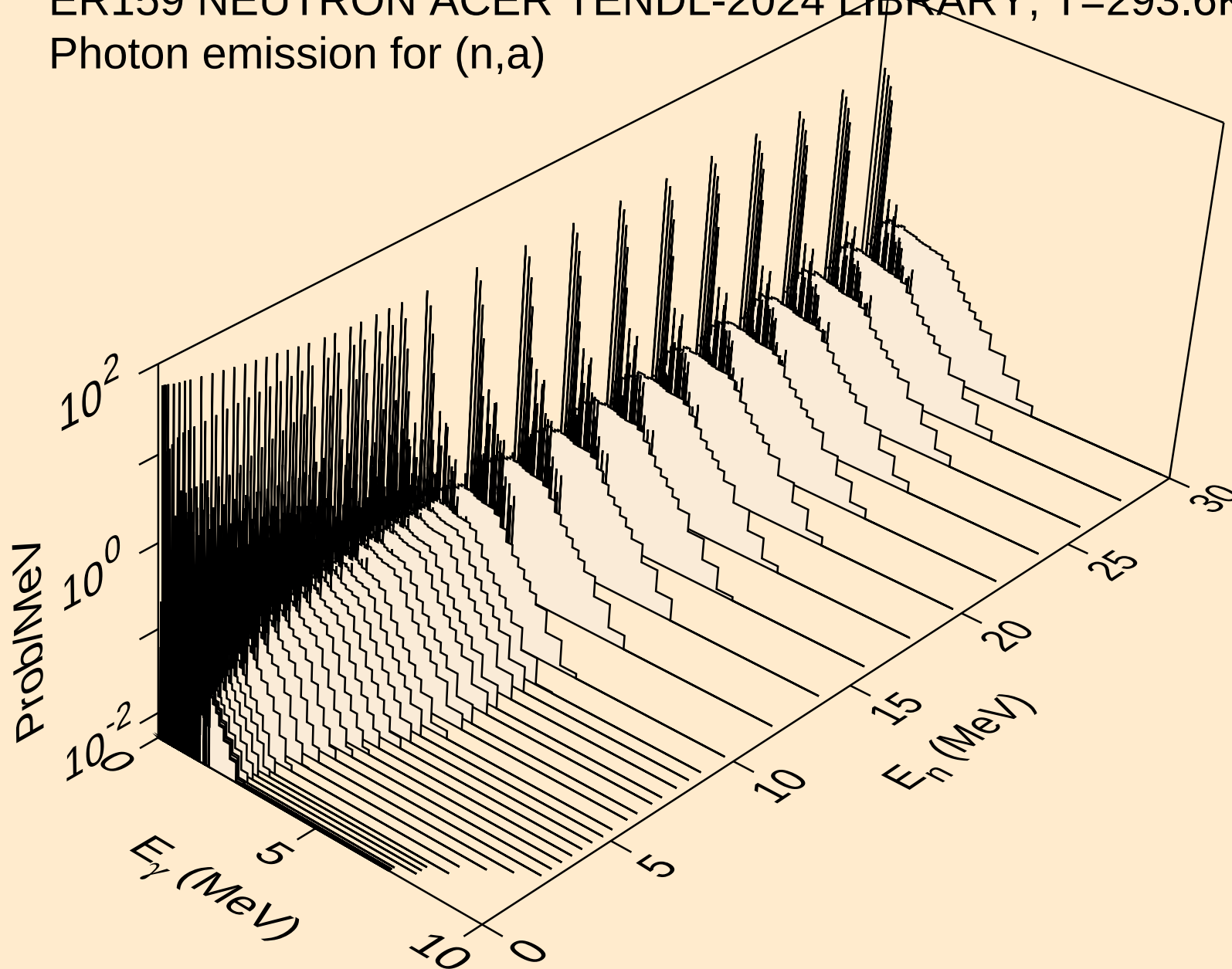
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



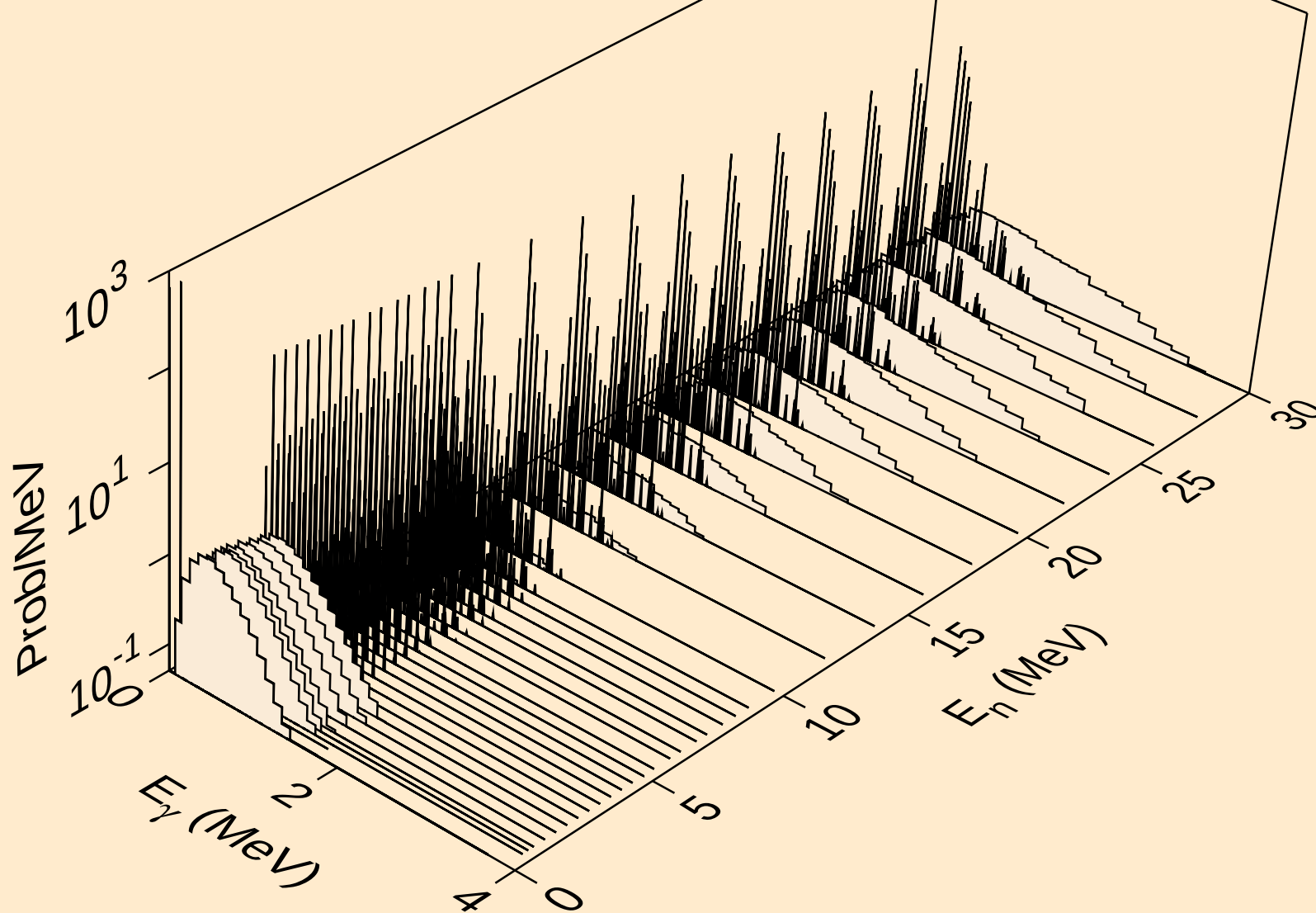
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



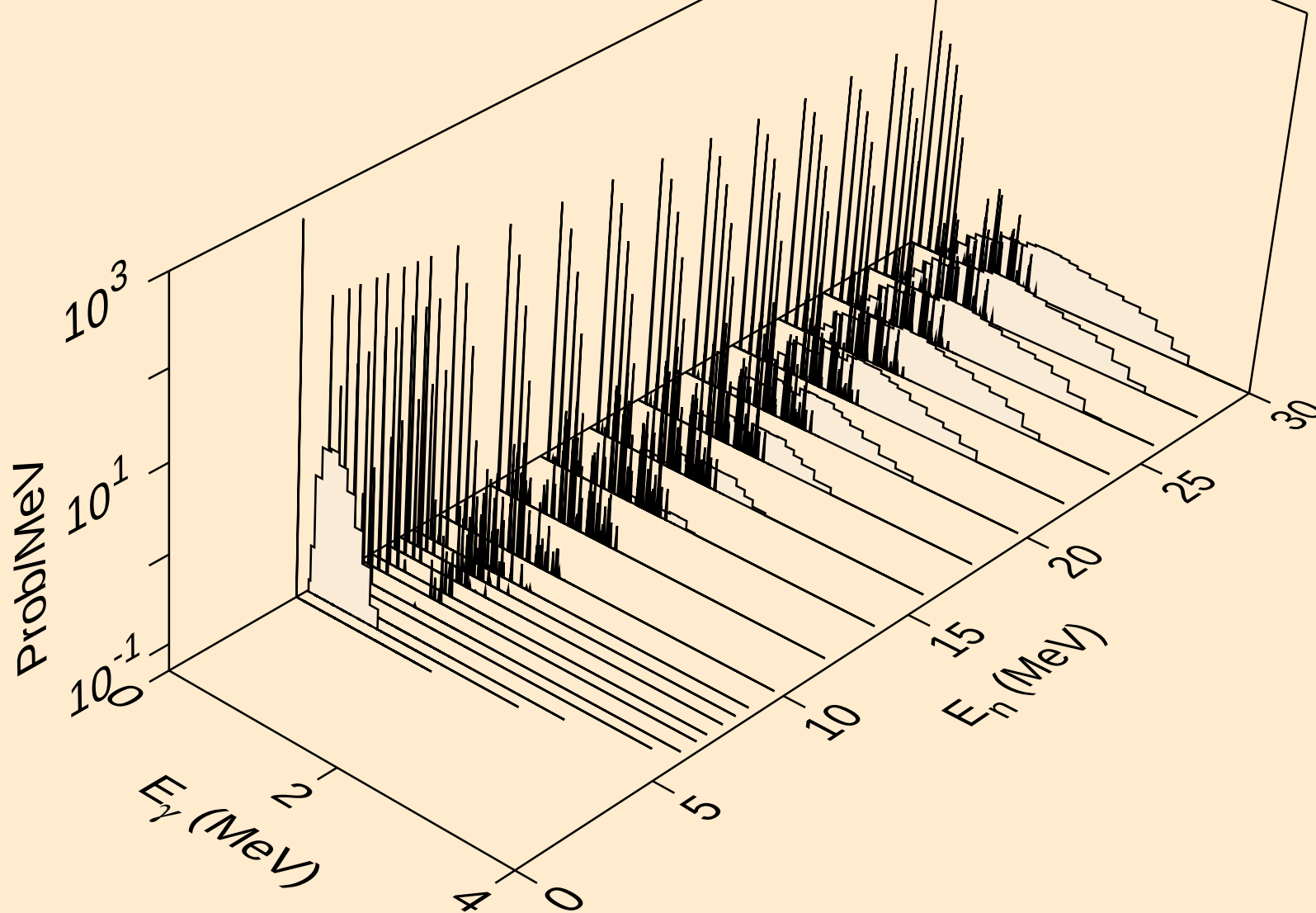
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Photon emission for (n,a)



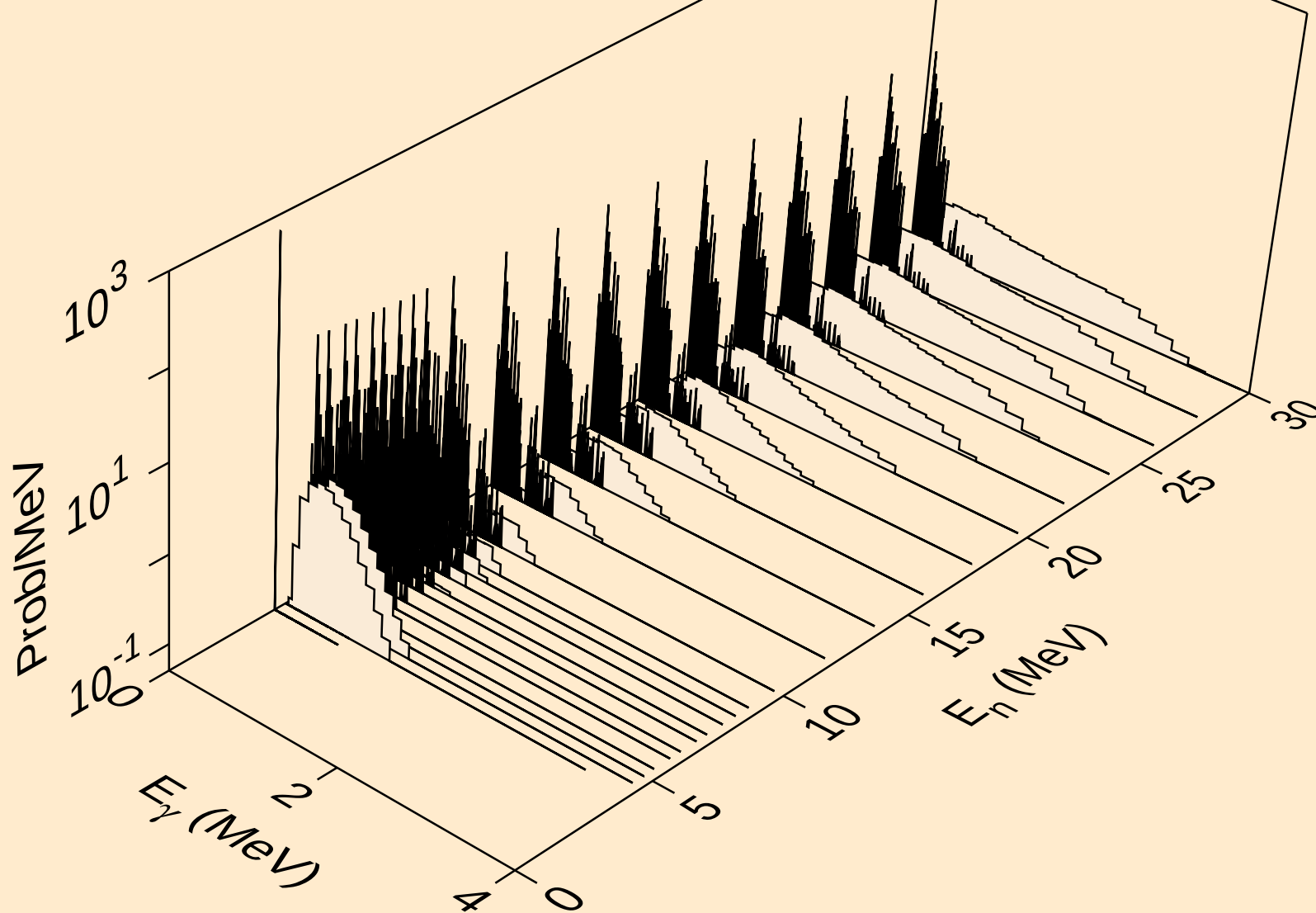
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Photon emission for (n,2a)



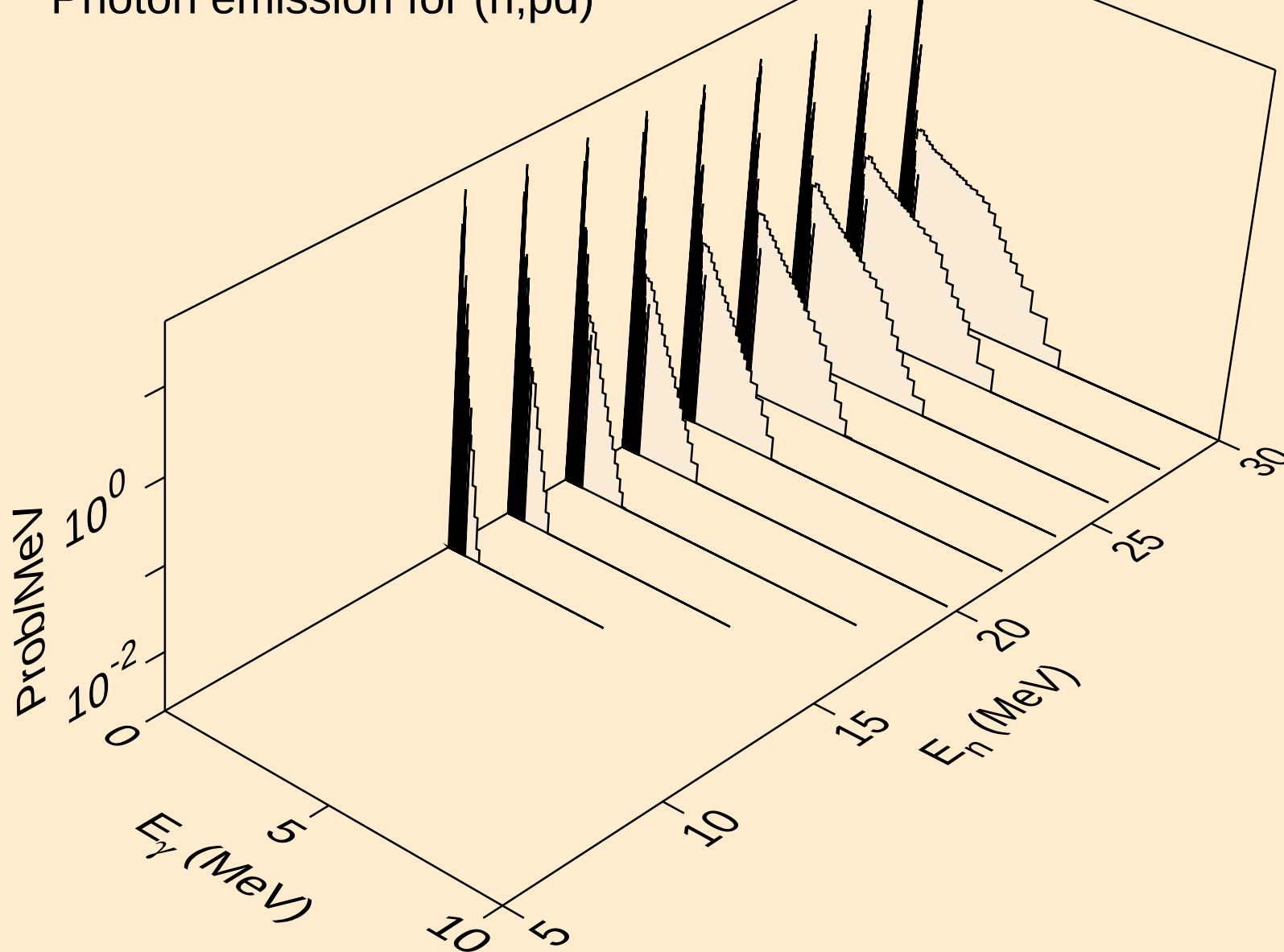
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Photon emission for (n,2p)



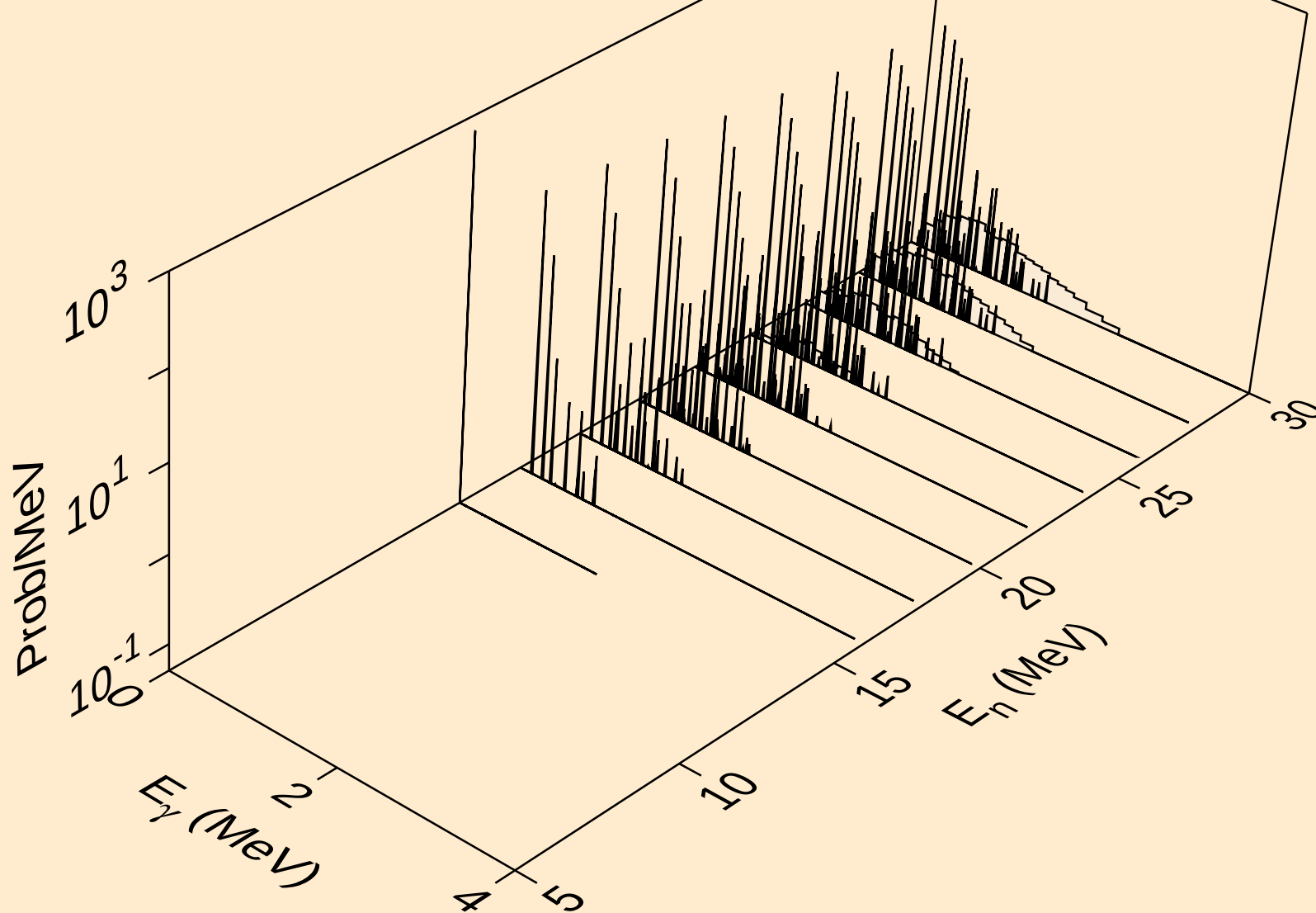
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



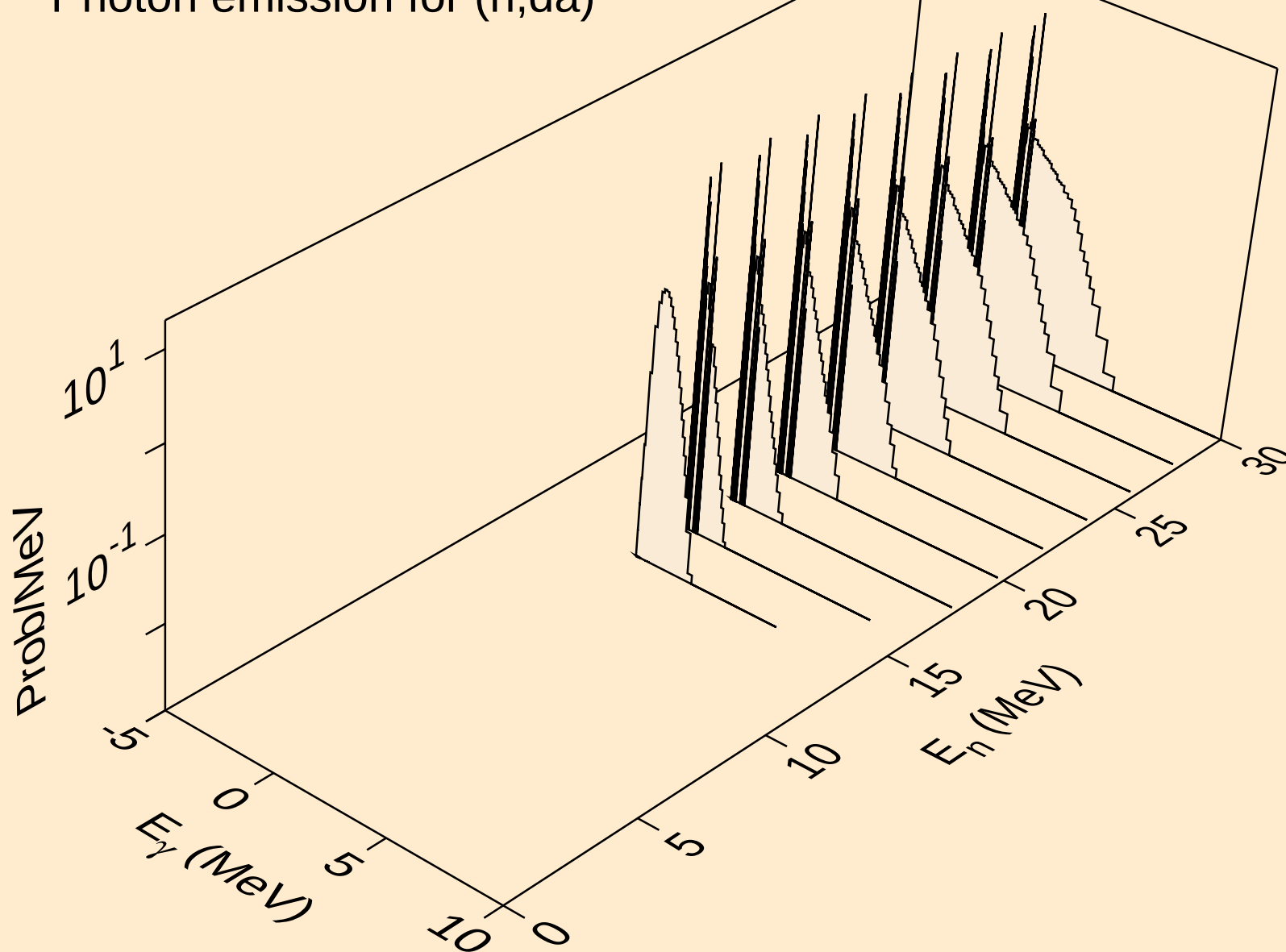
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



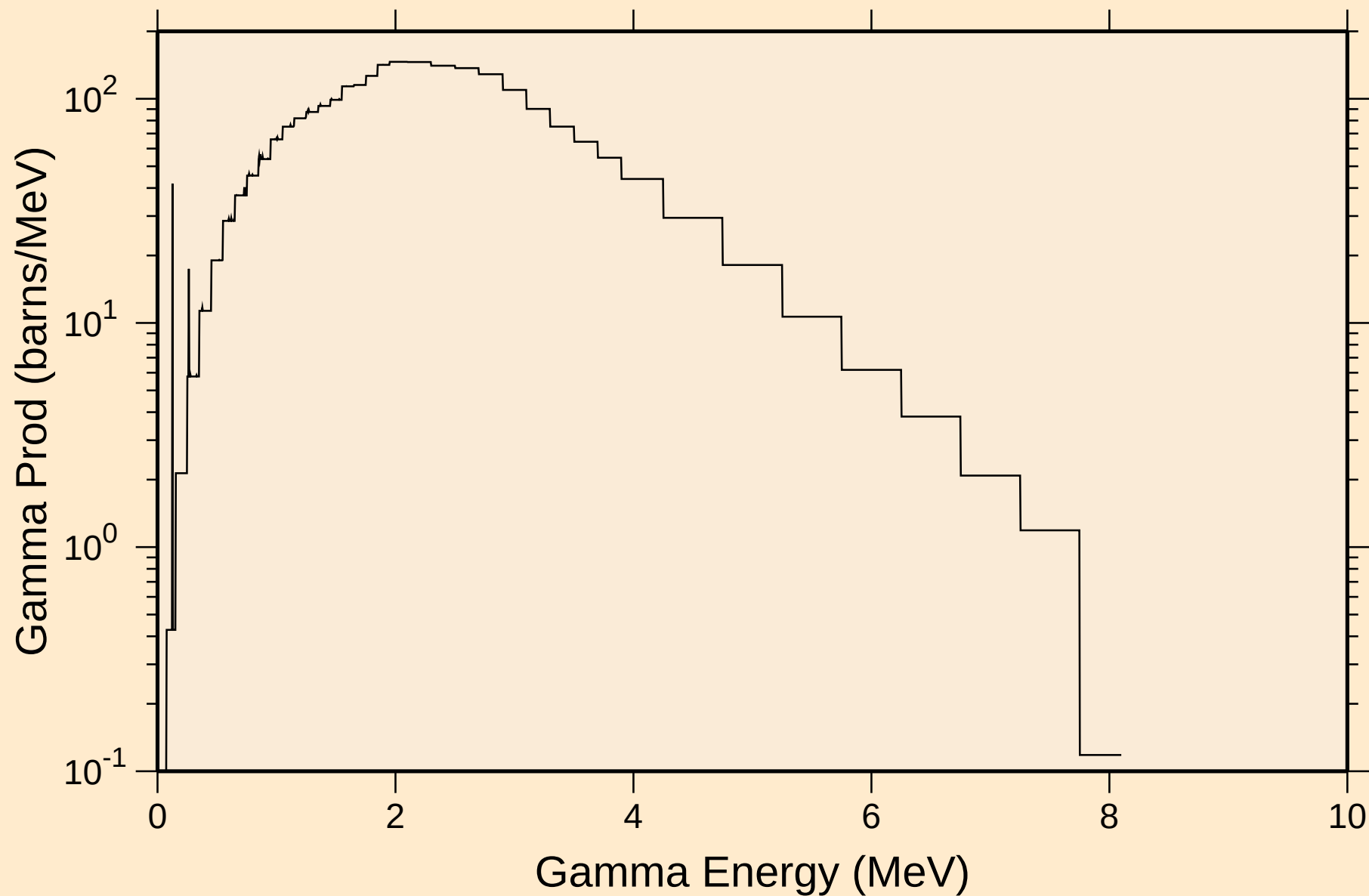
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



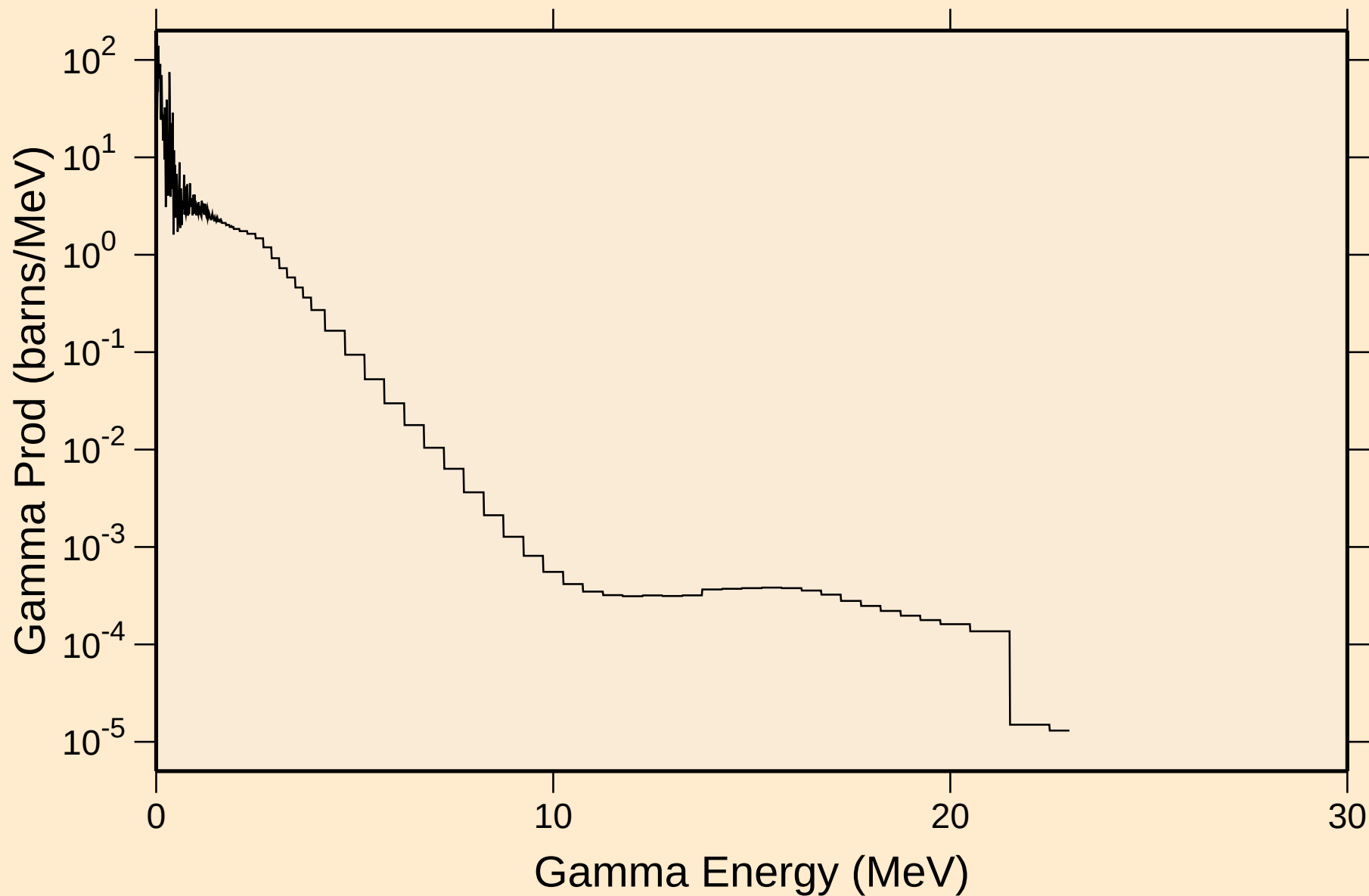
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



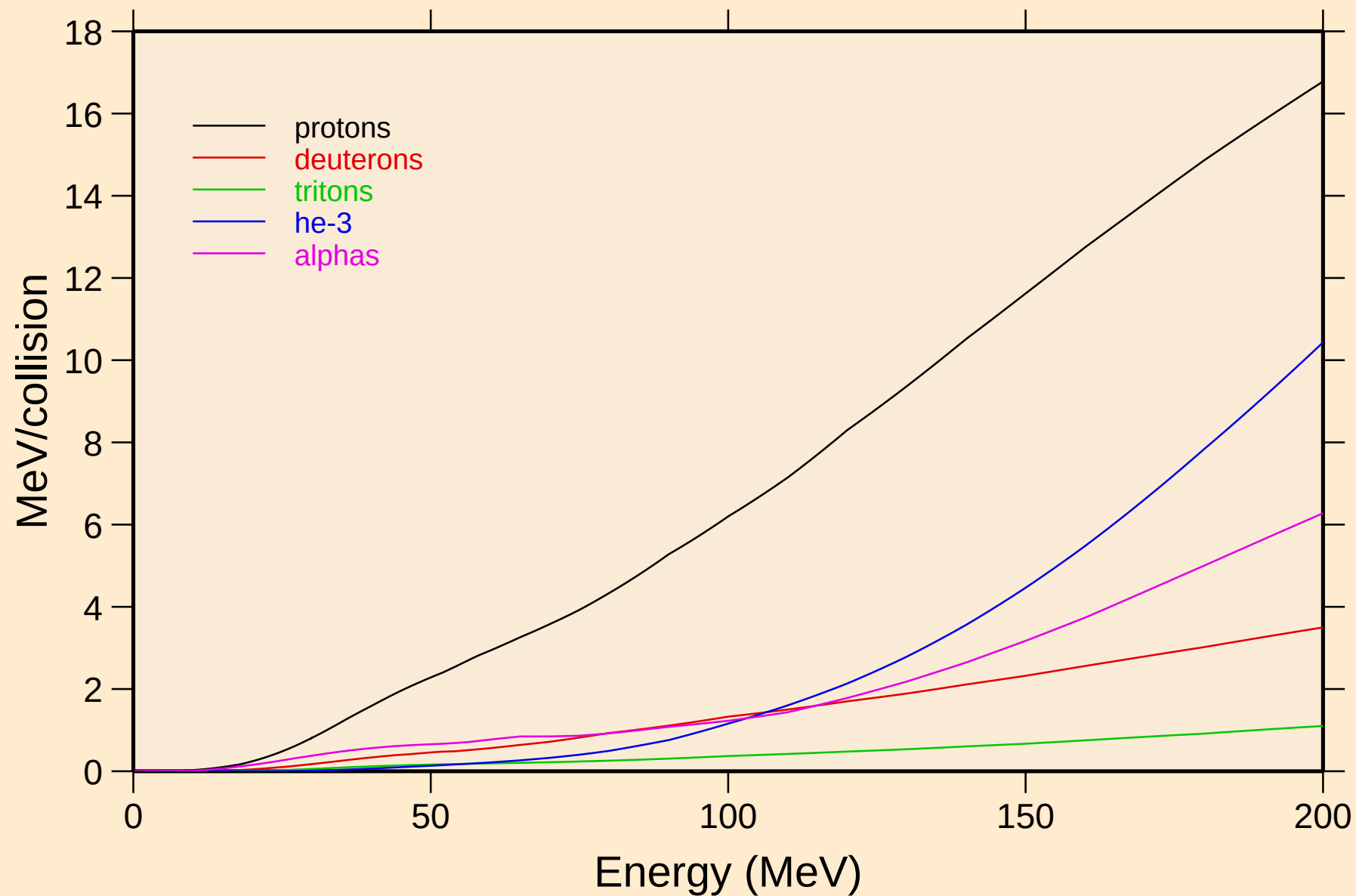
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



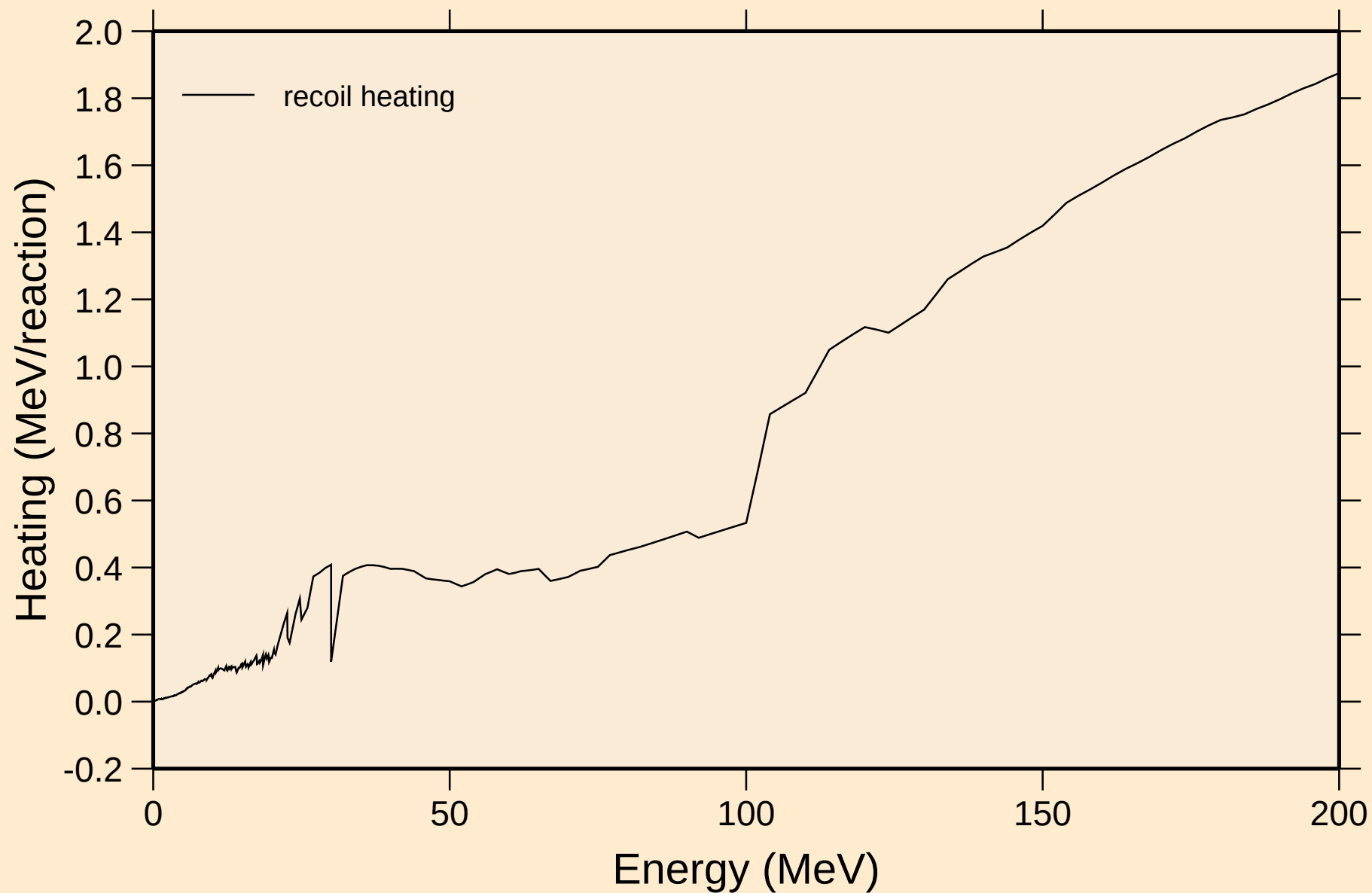
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



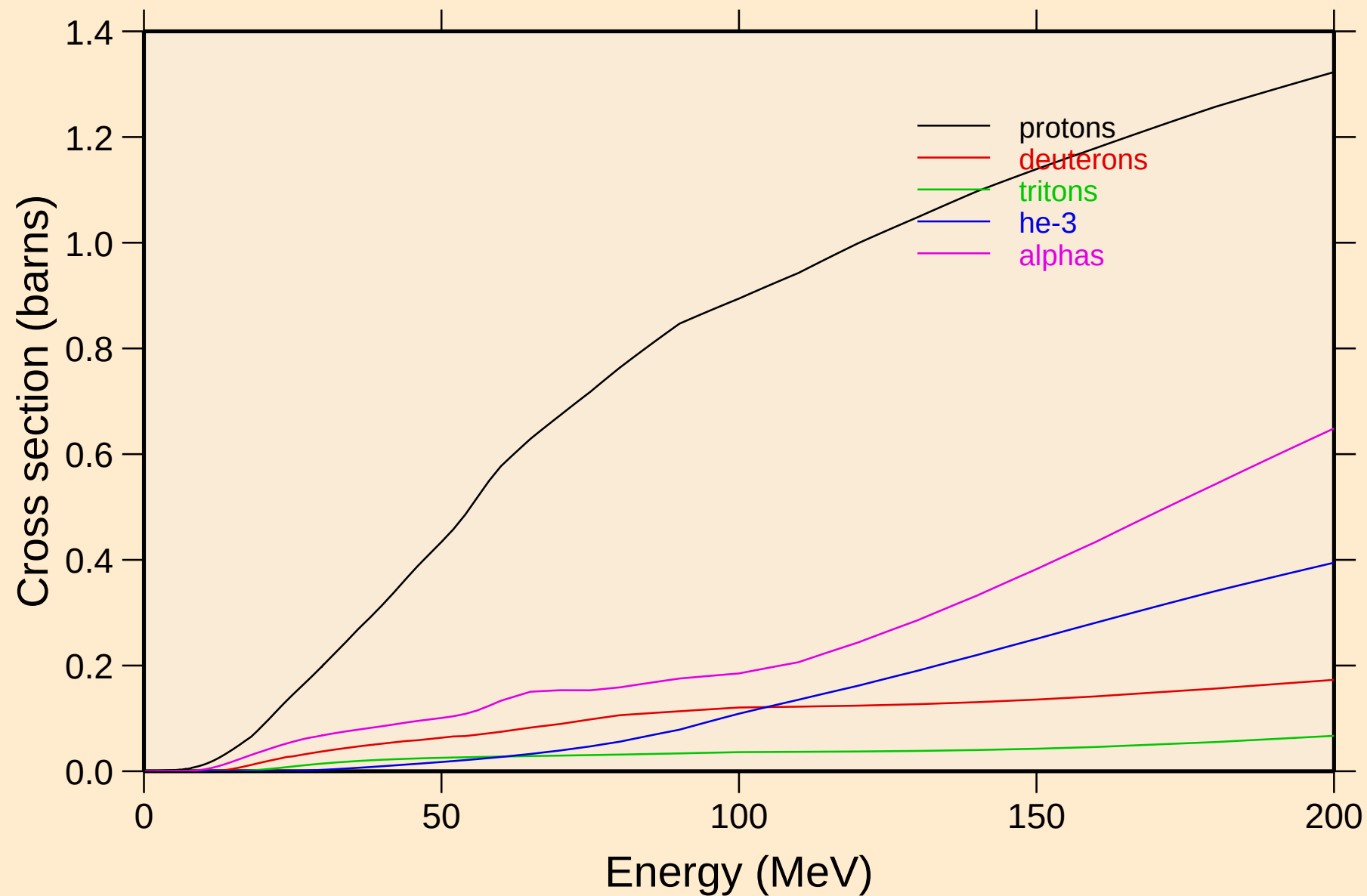
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



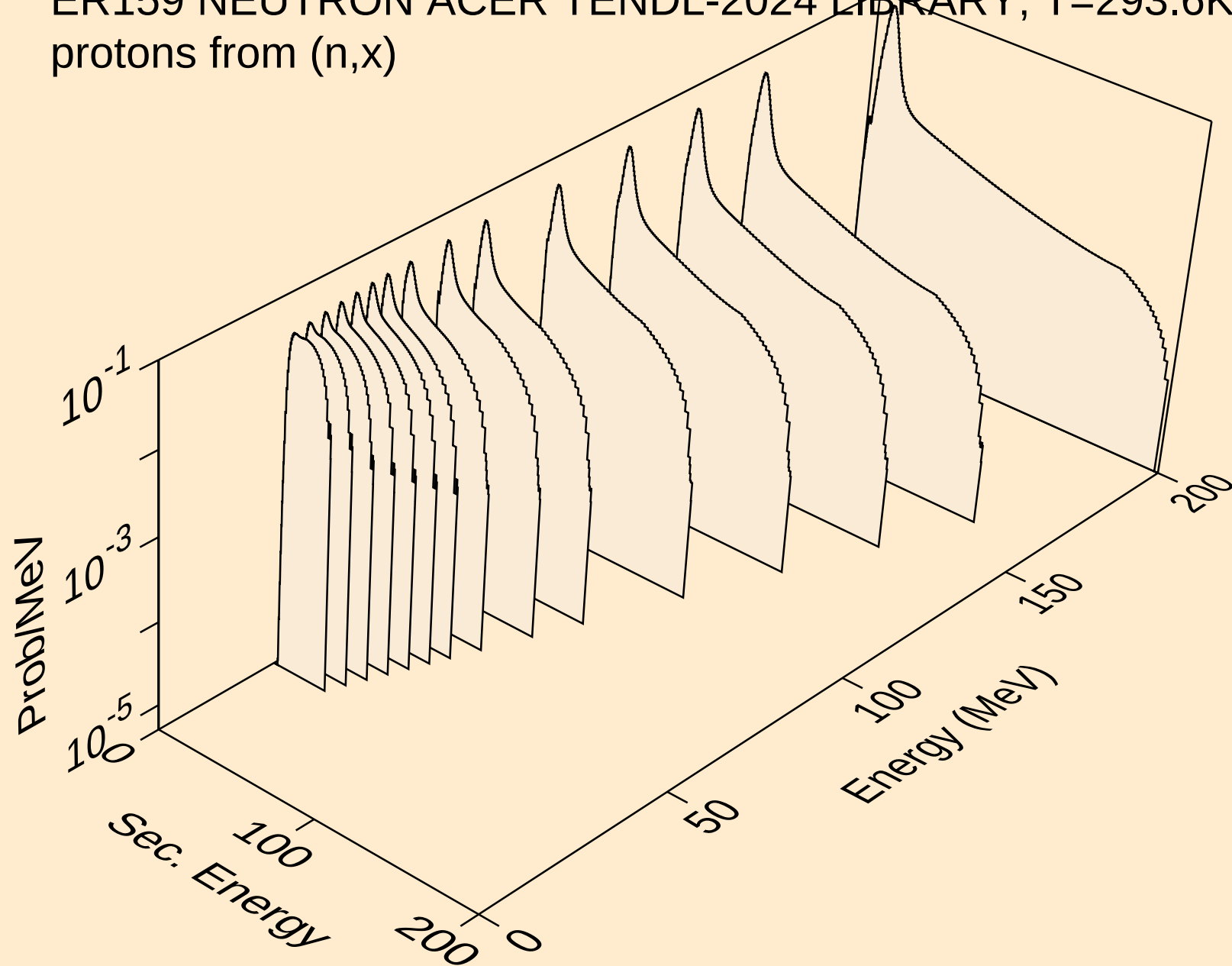
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



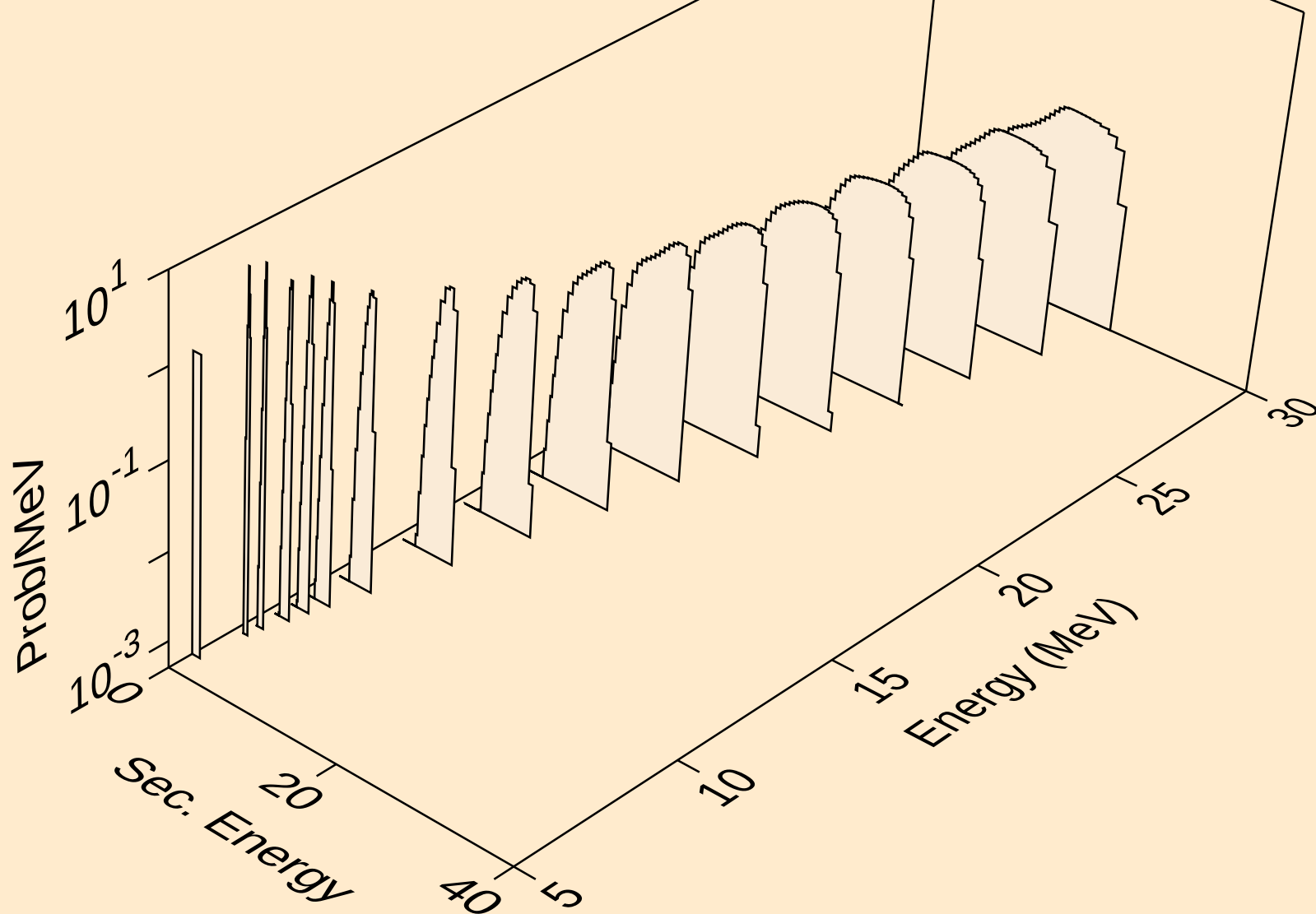
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



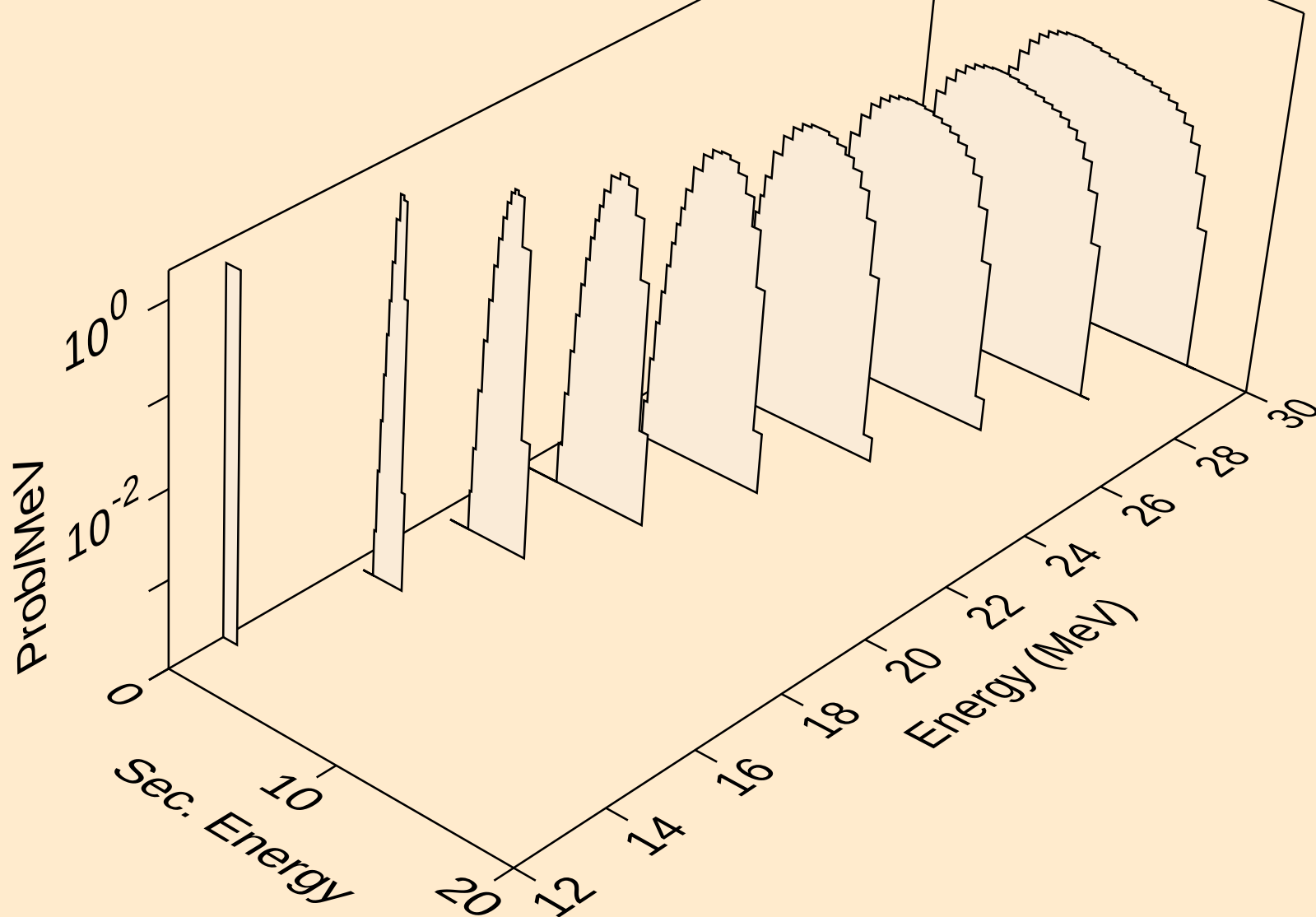
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



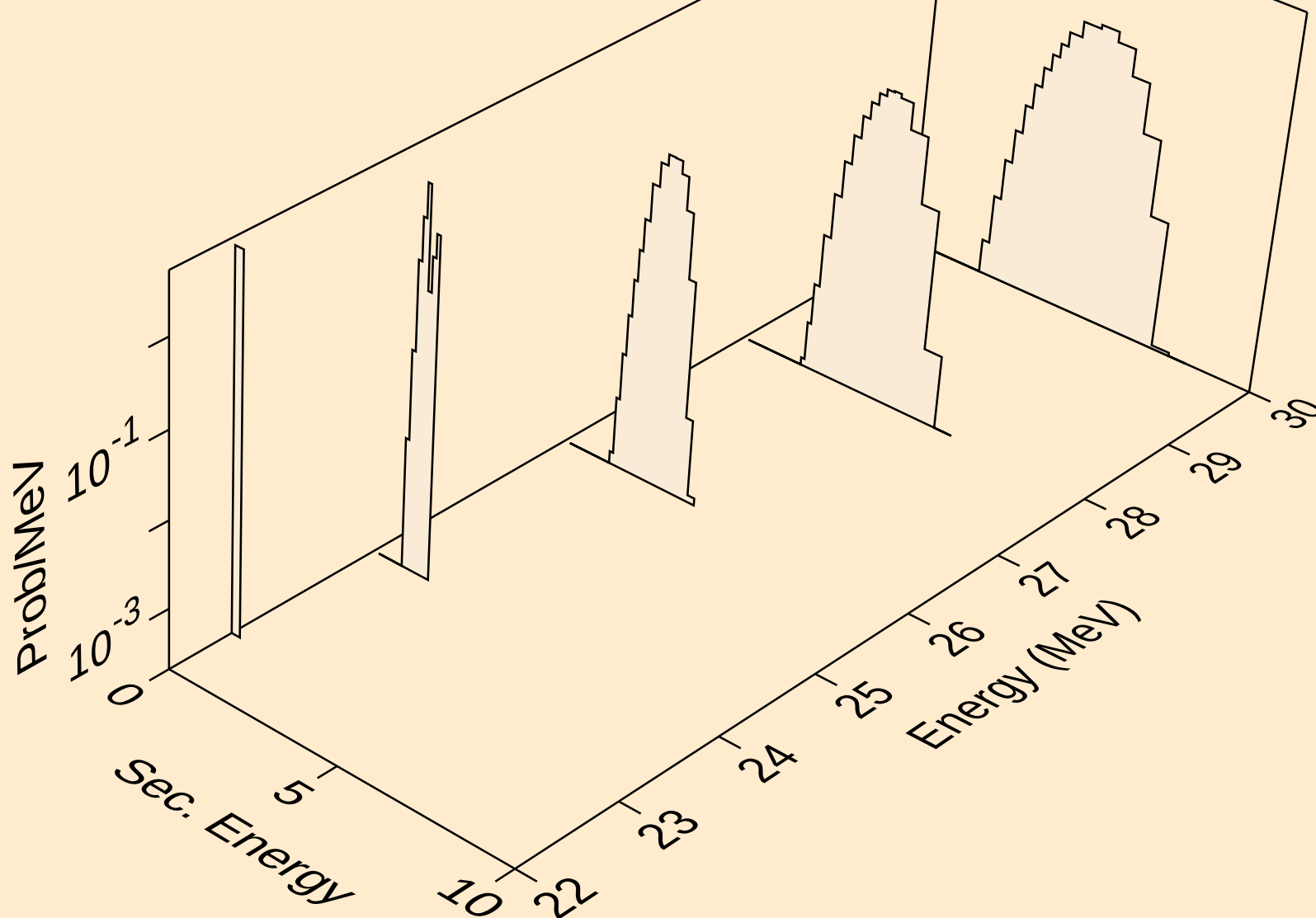
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



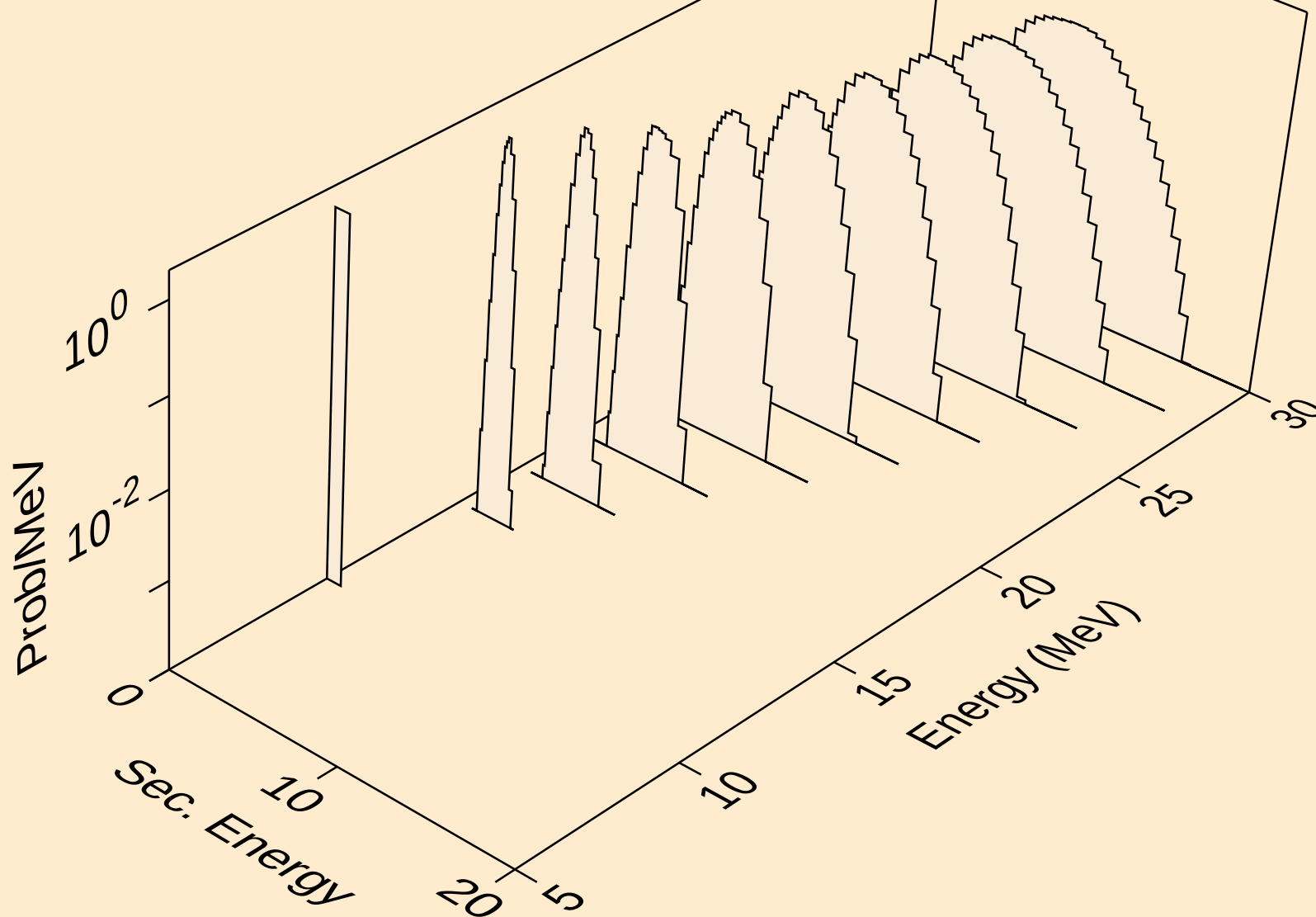
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protons from (n,2np)



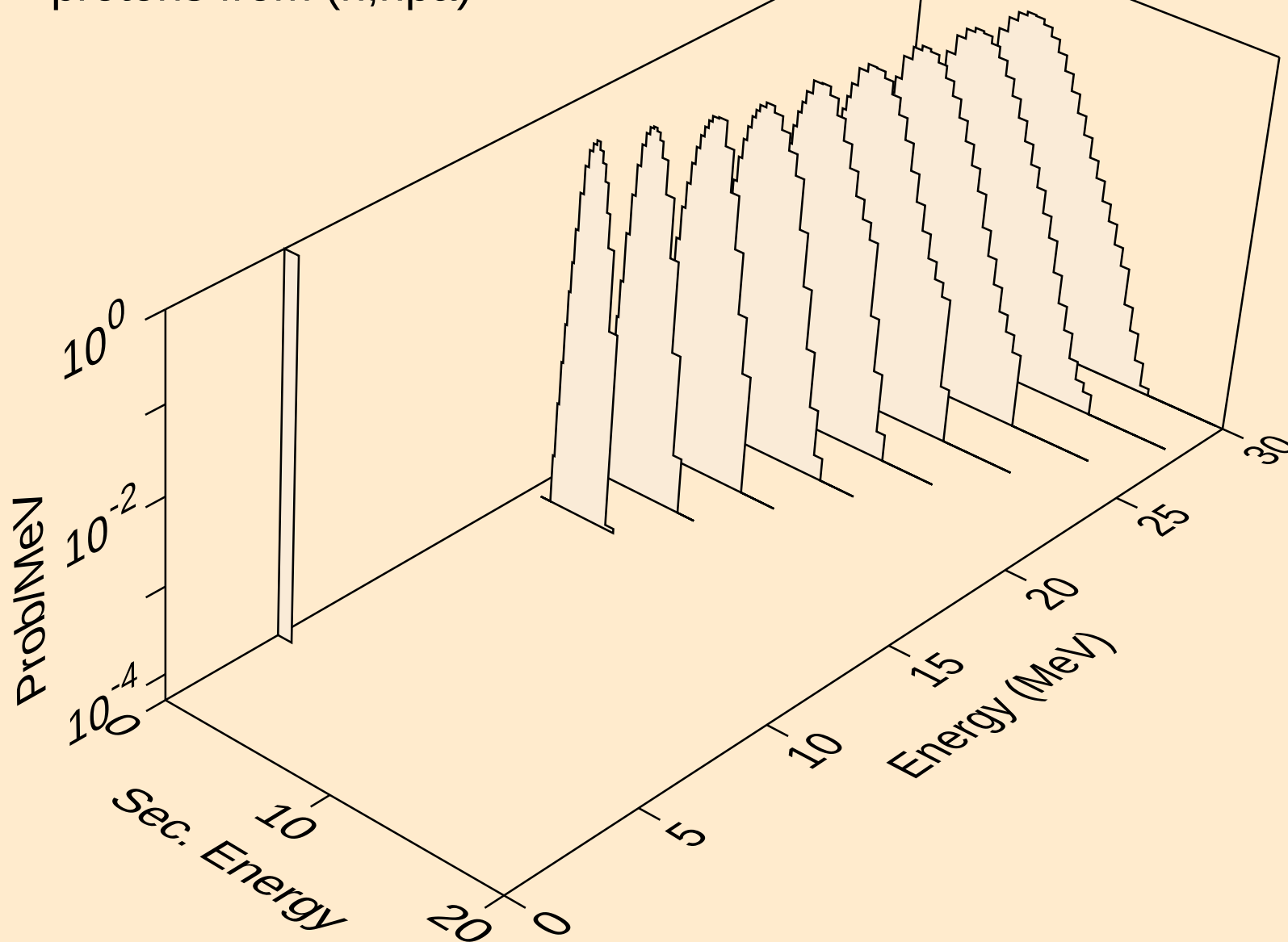
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protons from (n,3np)



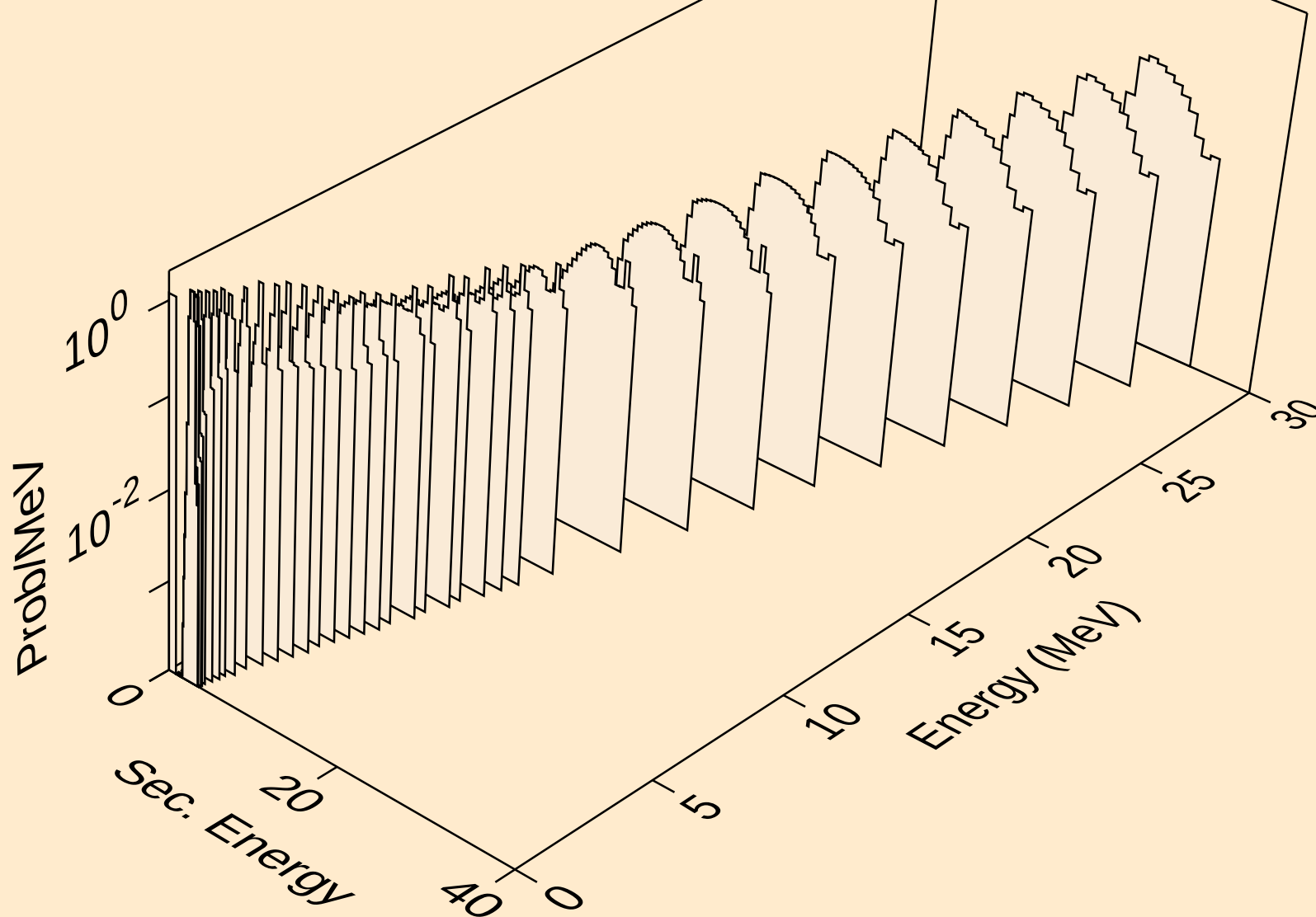
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protons from (n,n2p)



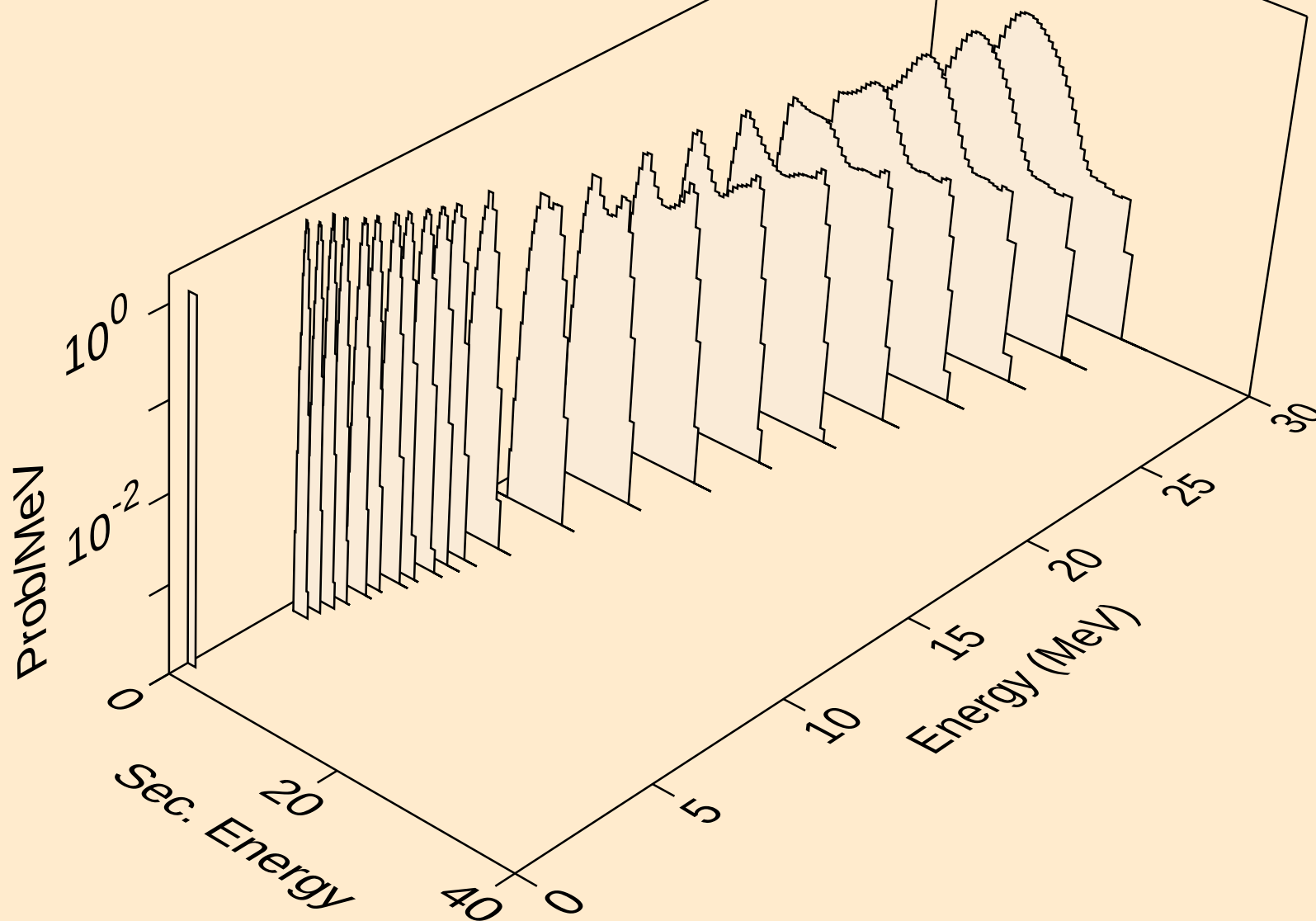
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protons from (n,npa)



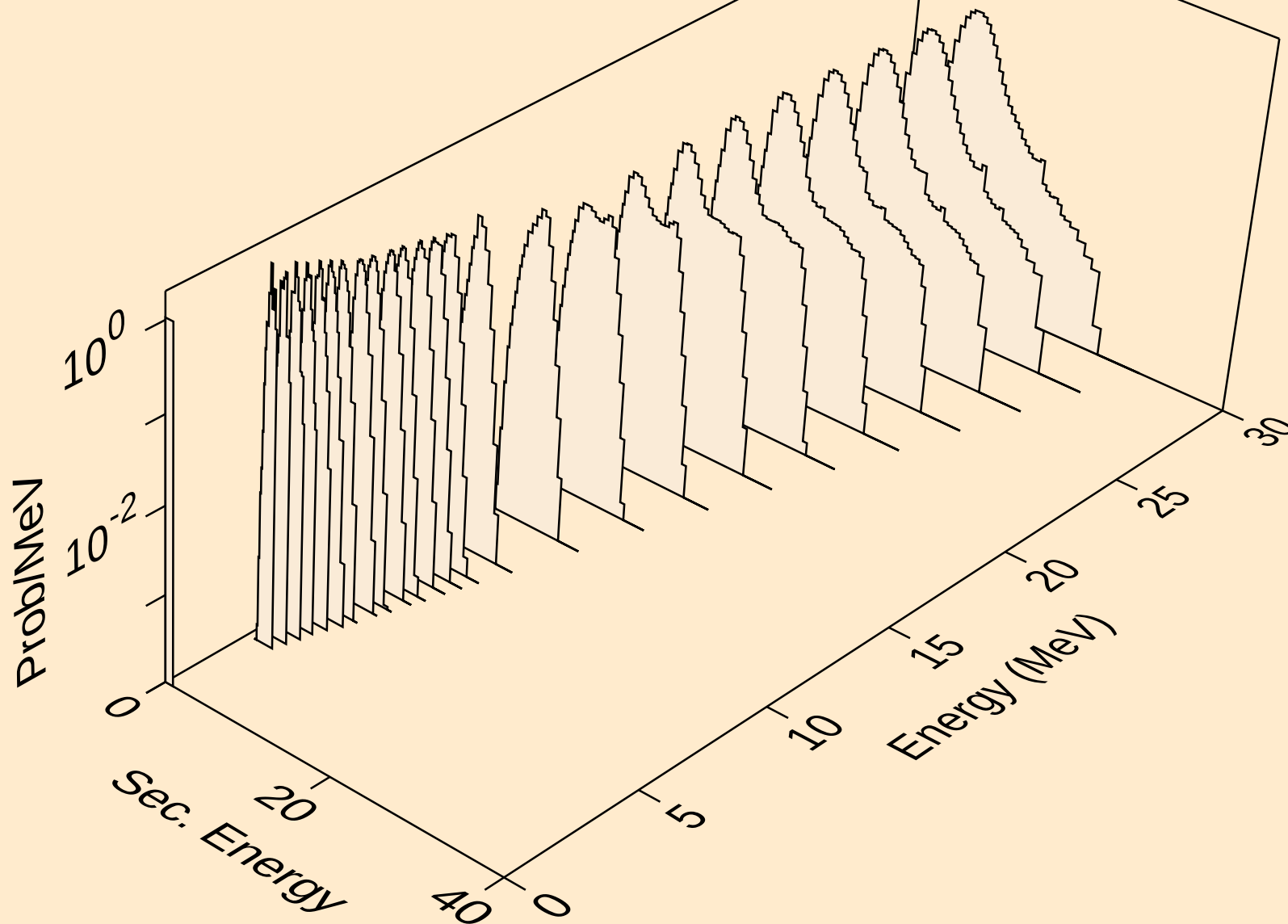
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protons from (n,p)



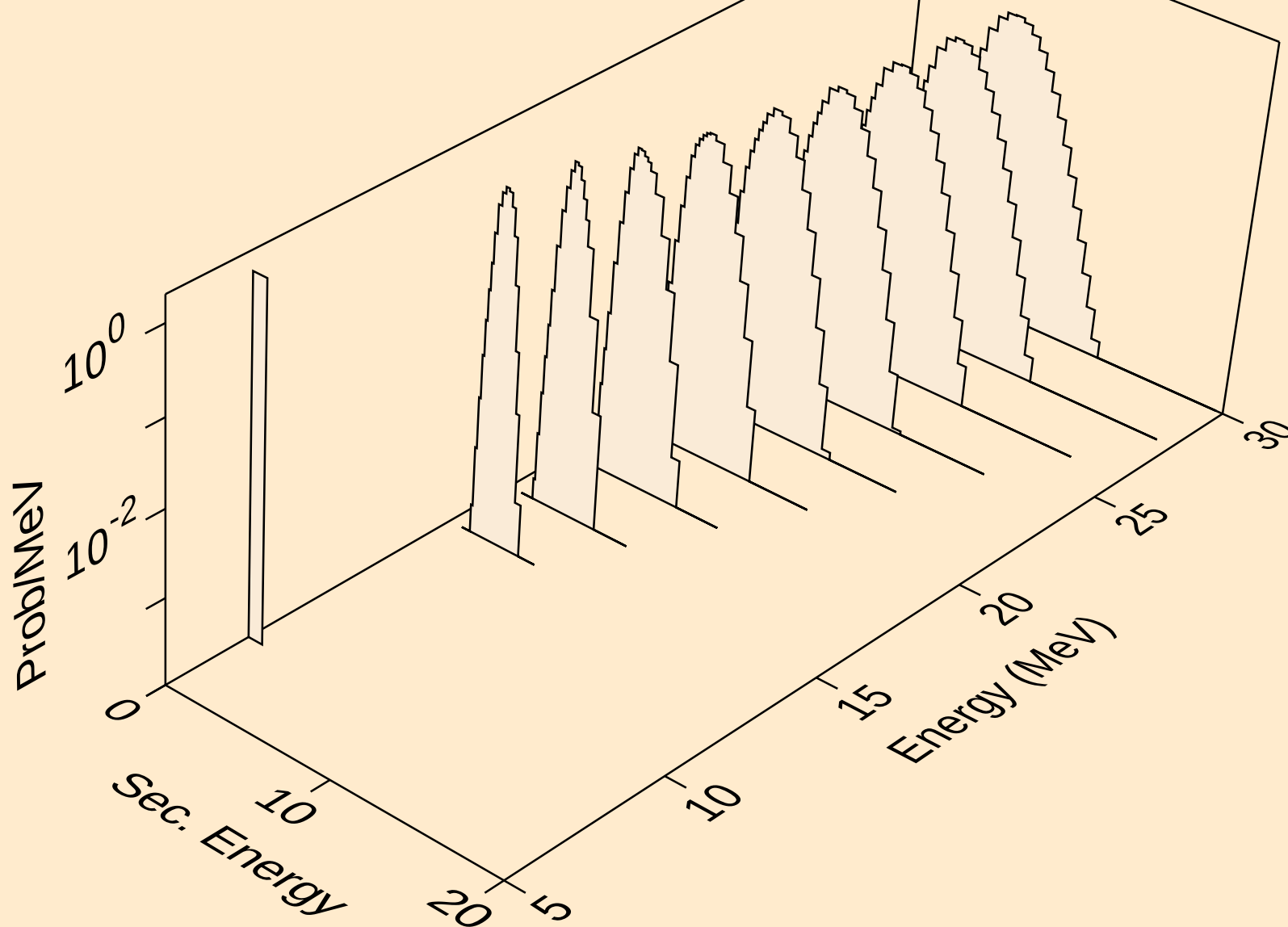
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protons from (n,2p)



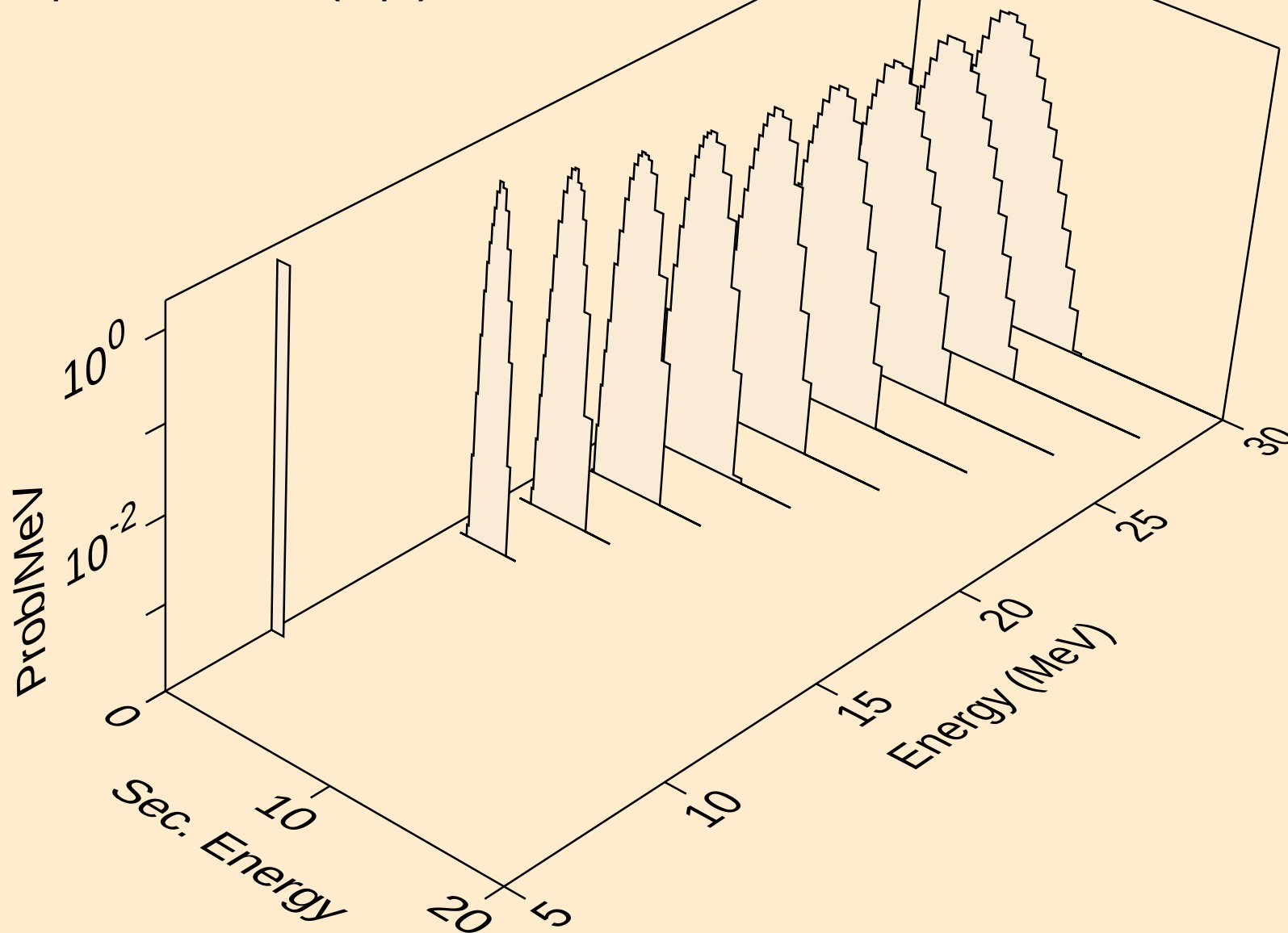
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protons from (n,p)



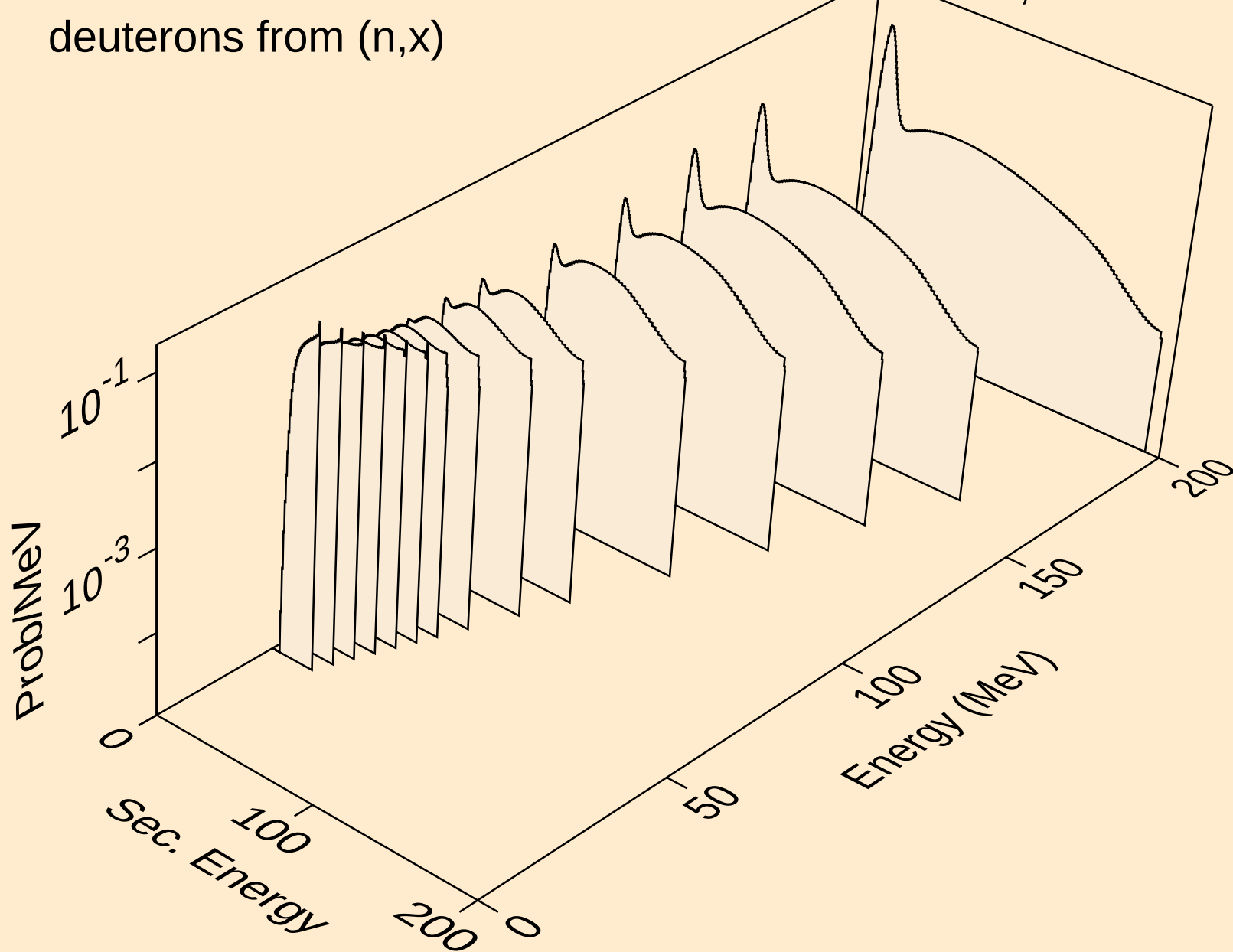
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protons from (n,pd)



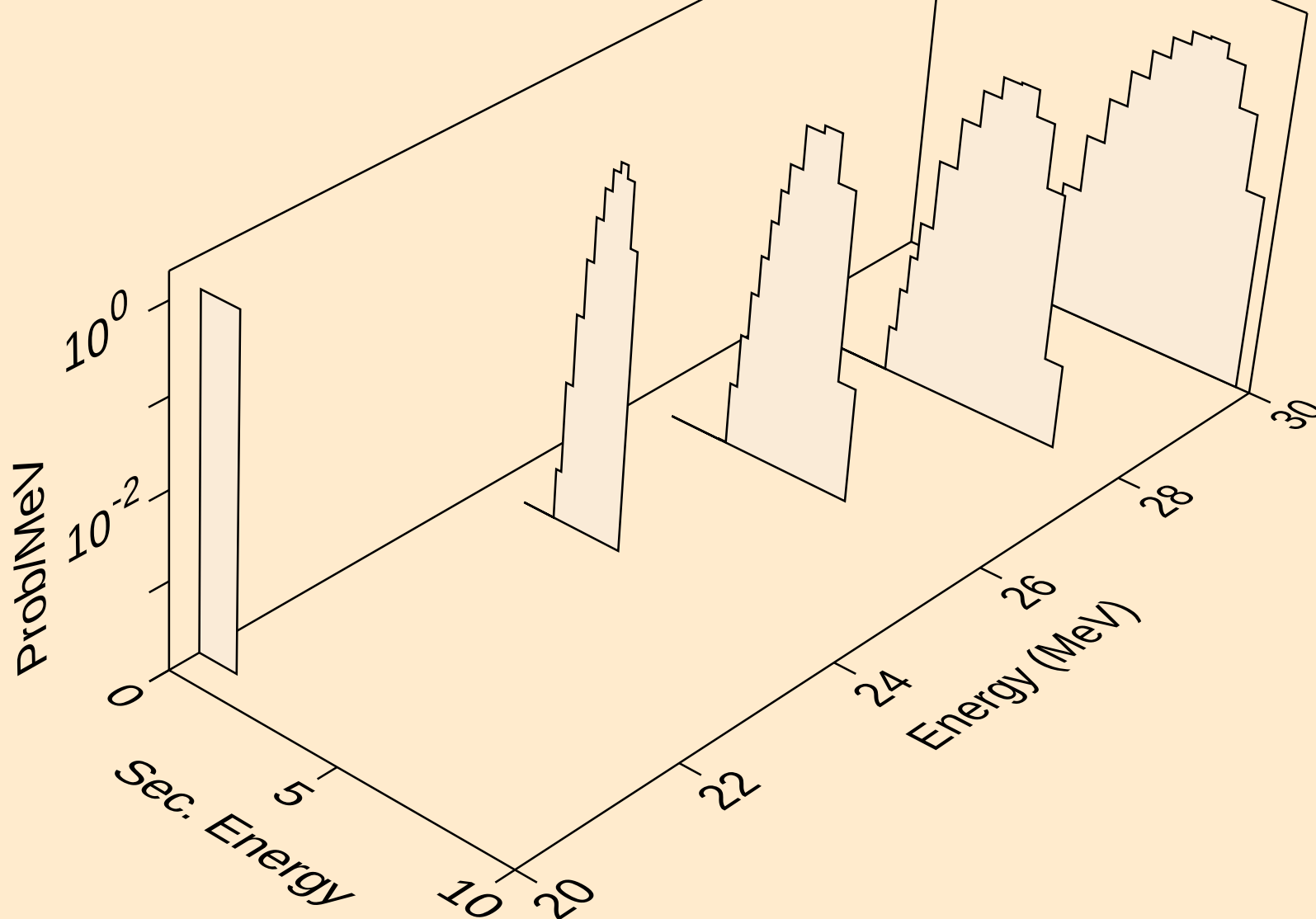
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protons from (n,pt)



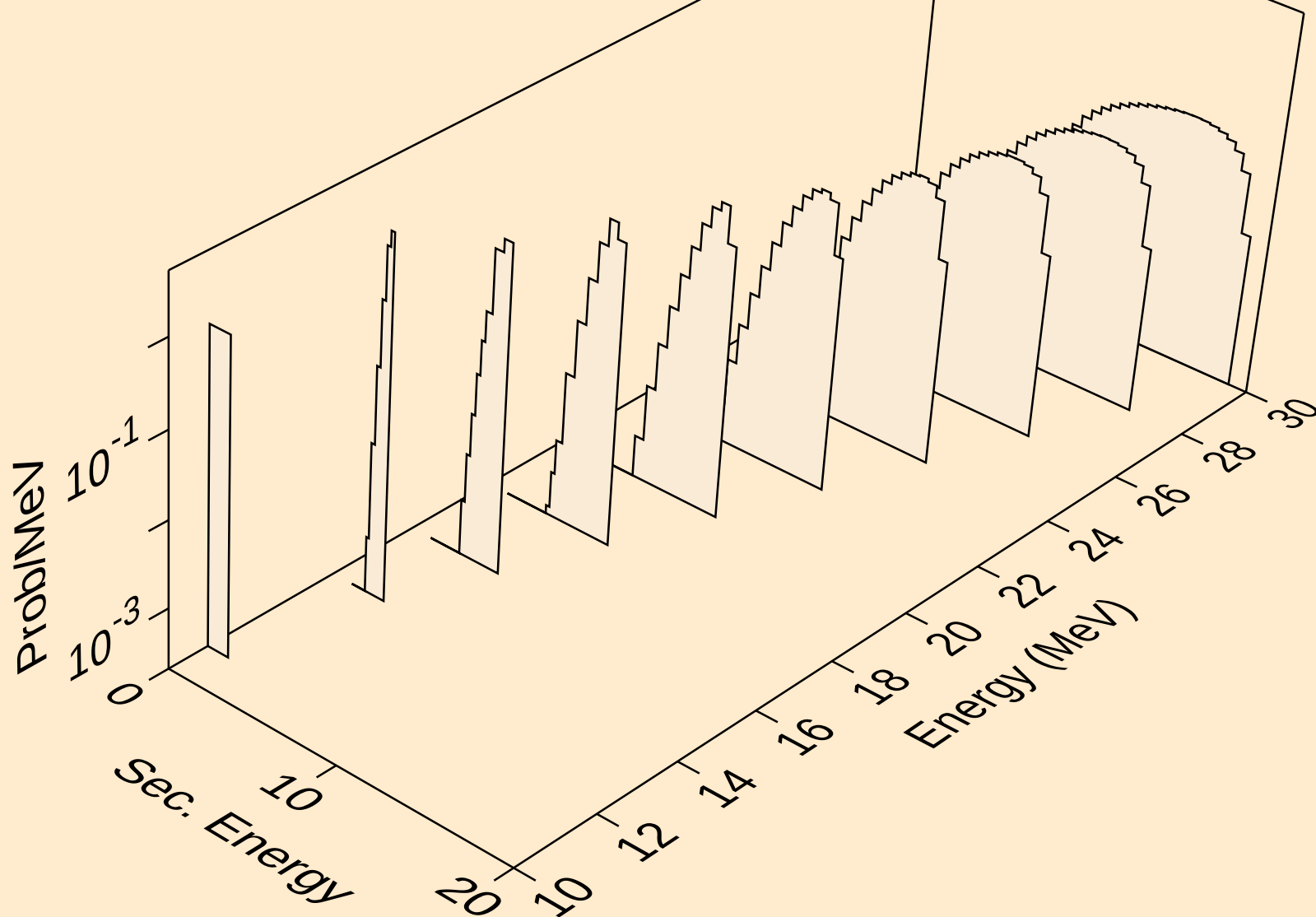
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



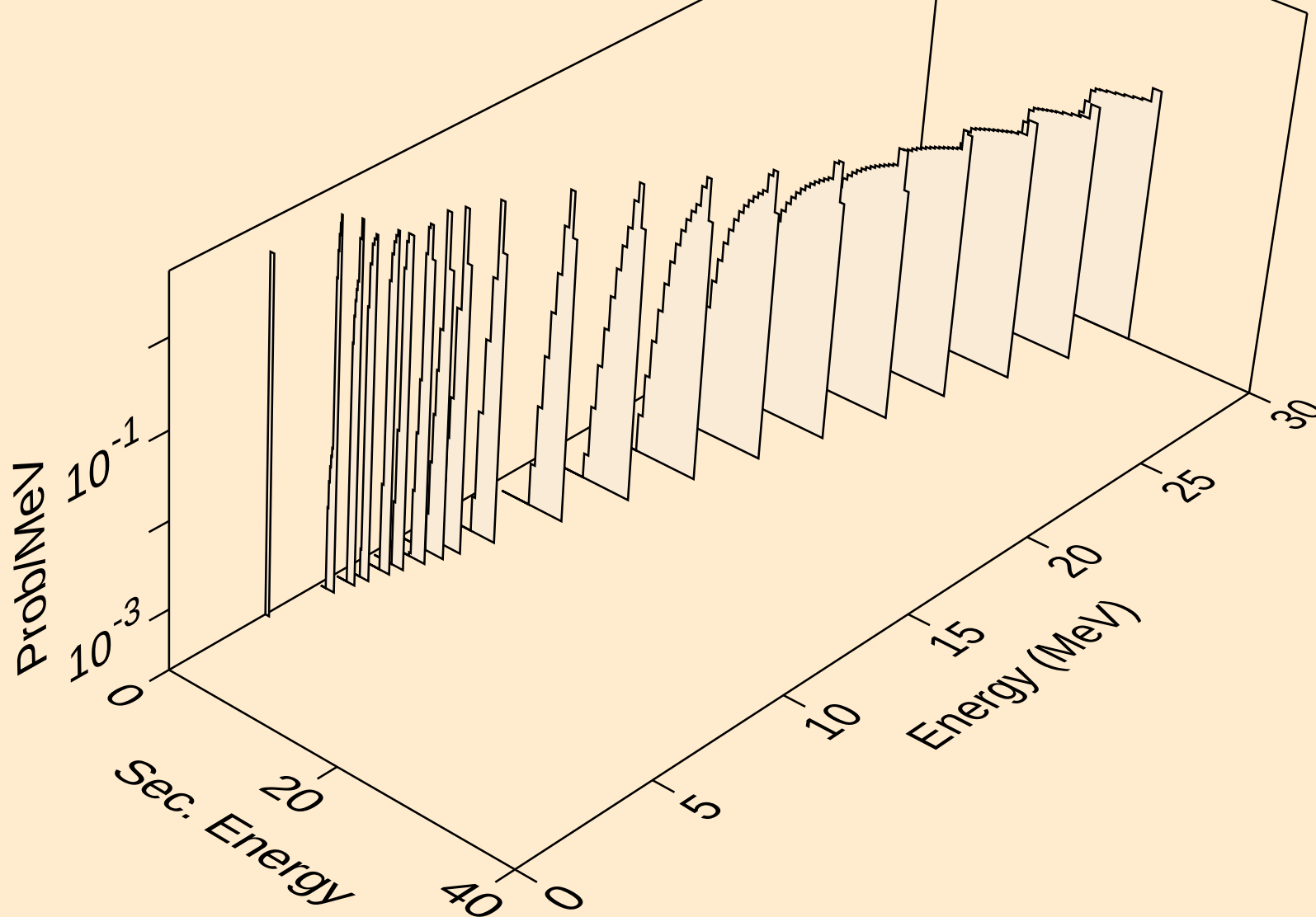
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



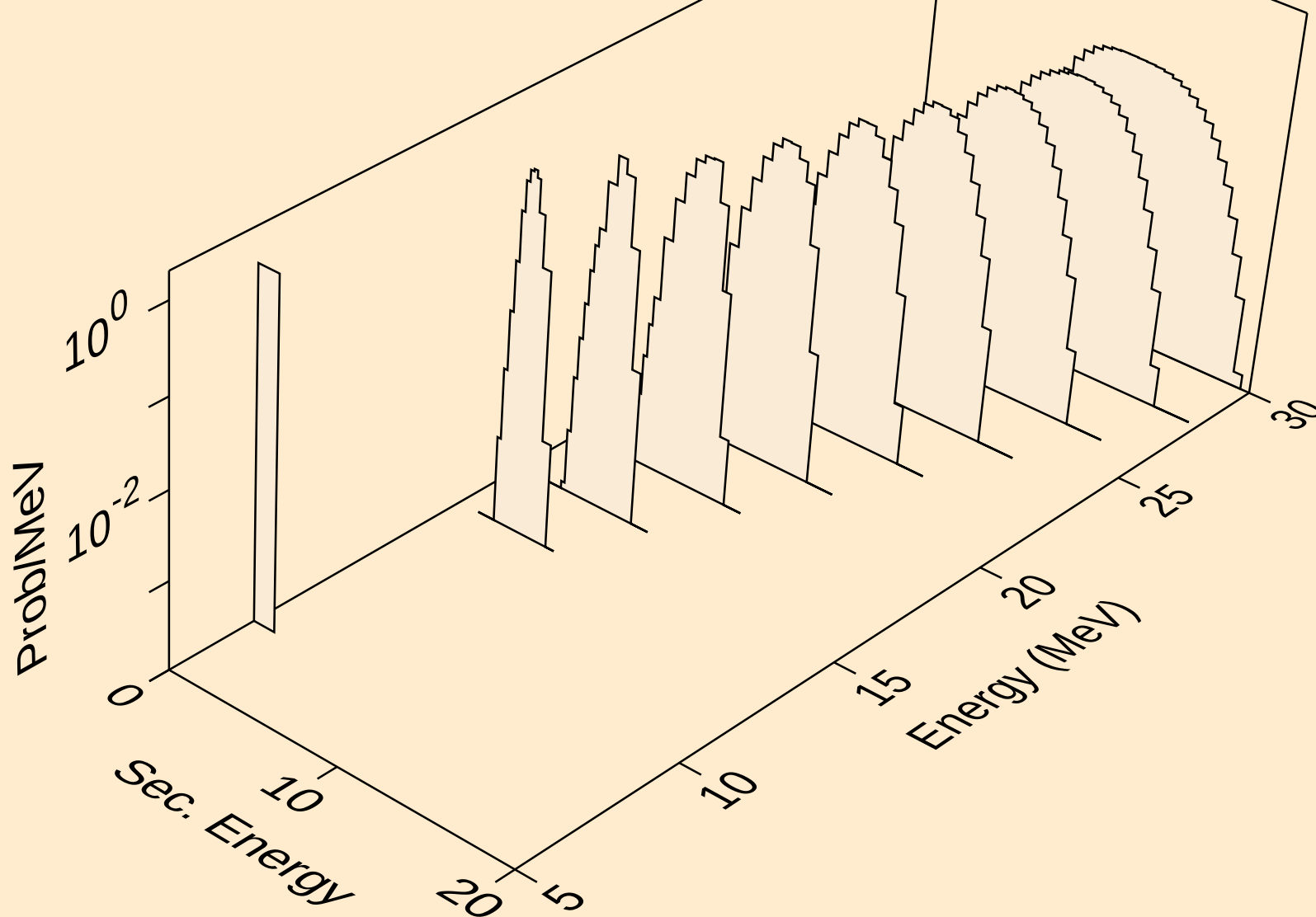
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



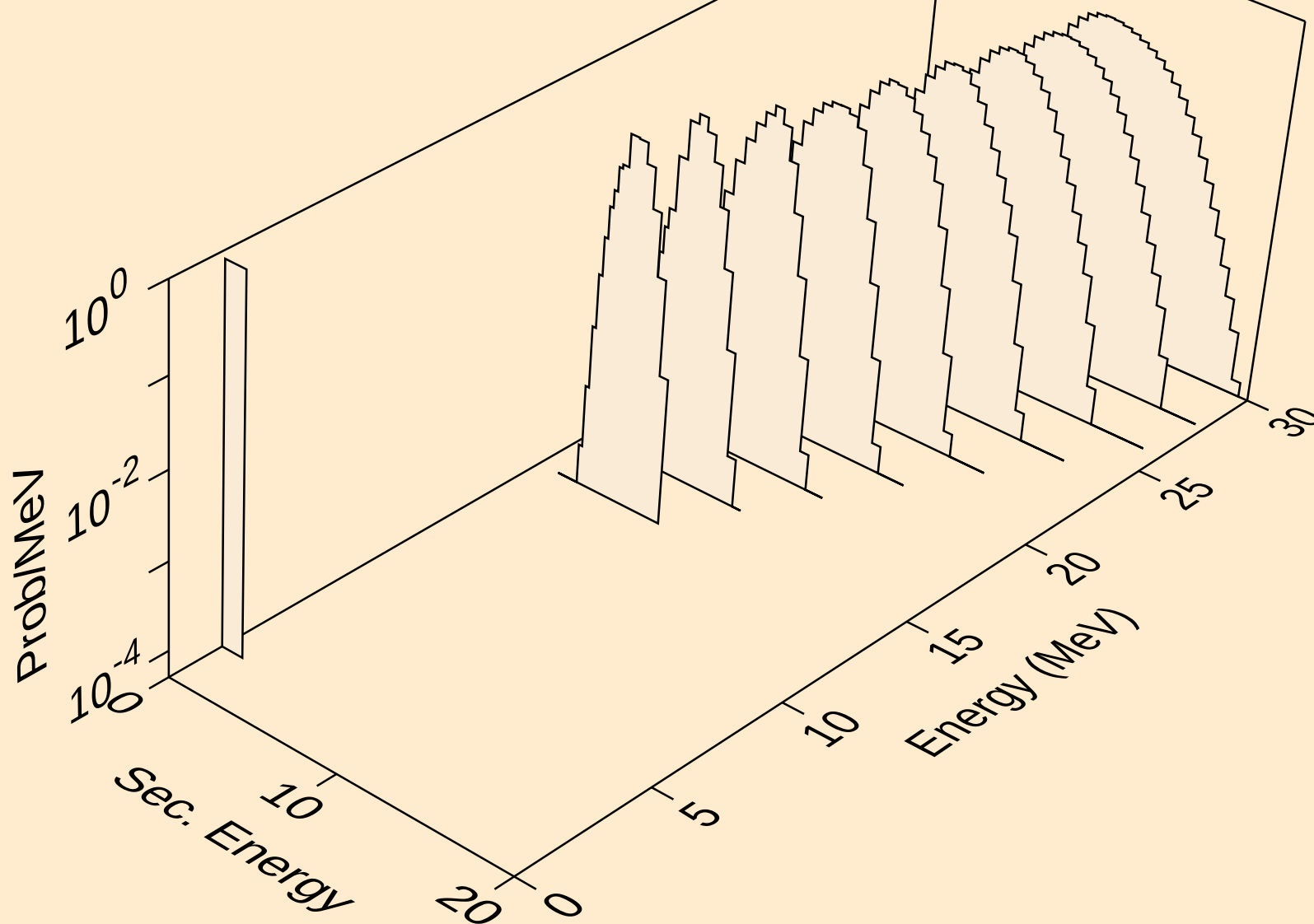
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deuterons from (n,d)



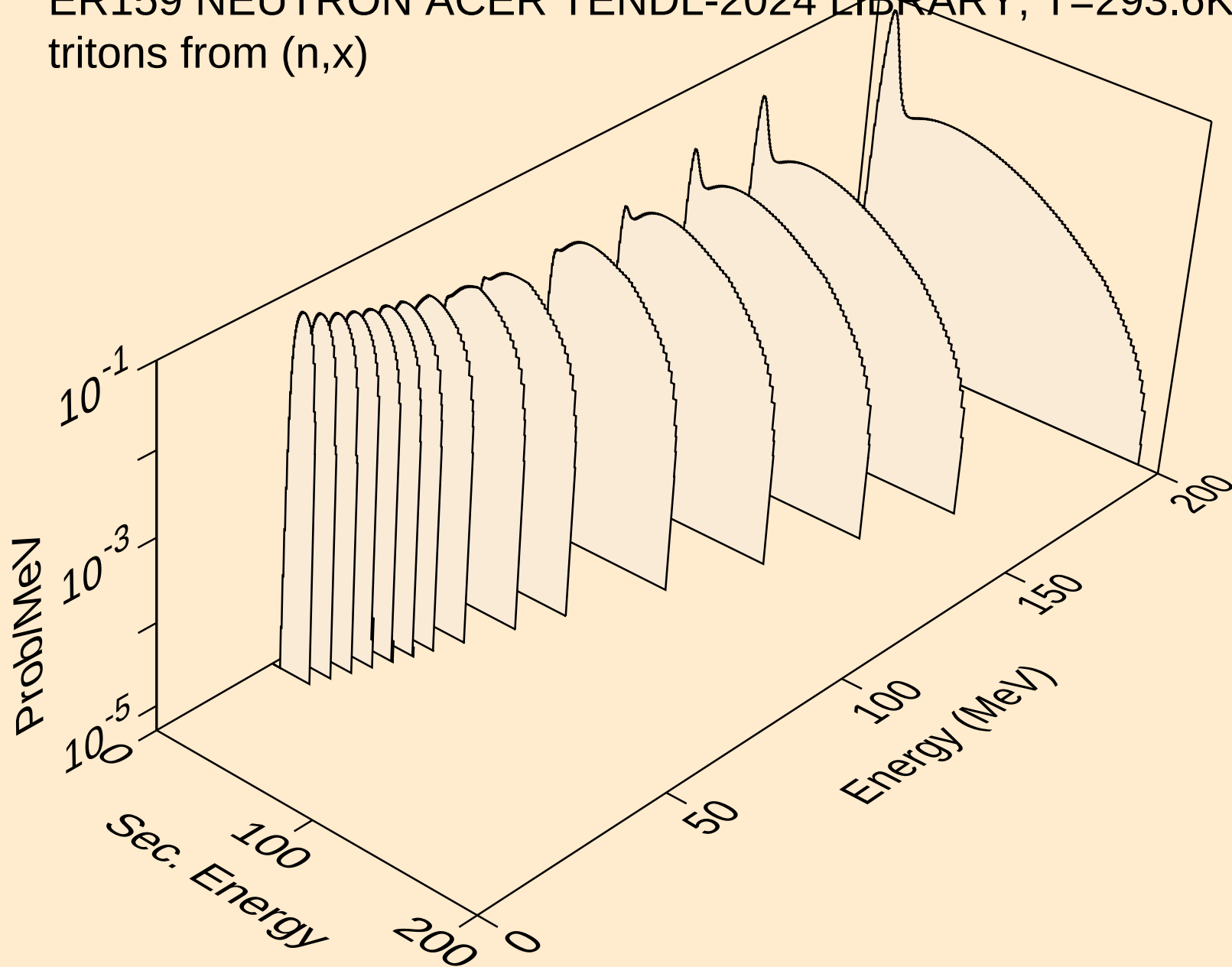
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



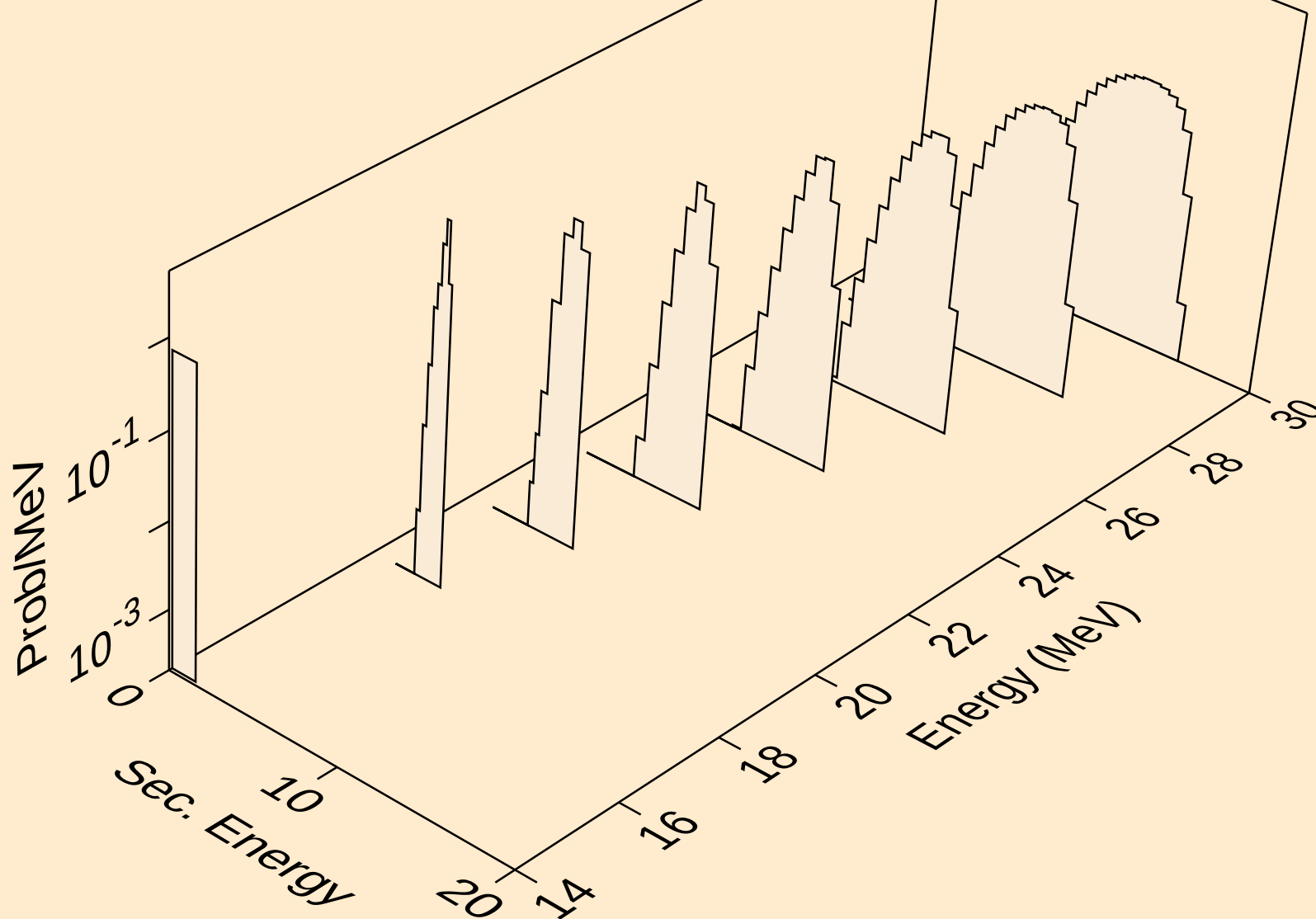
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deuterons from (n,da)



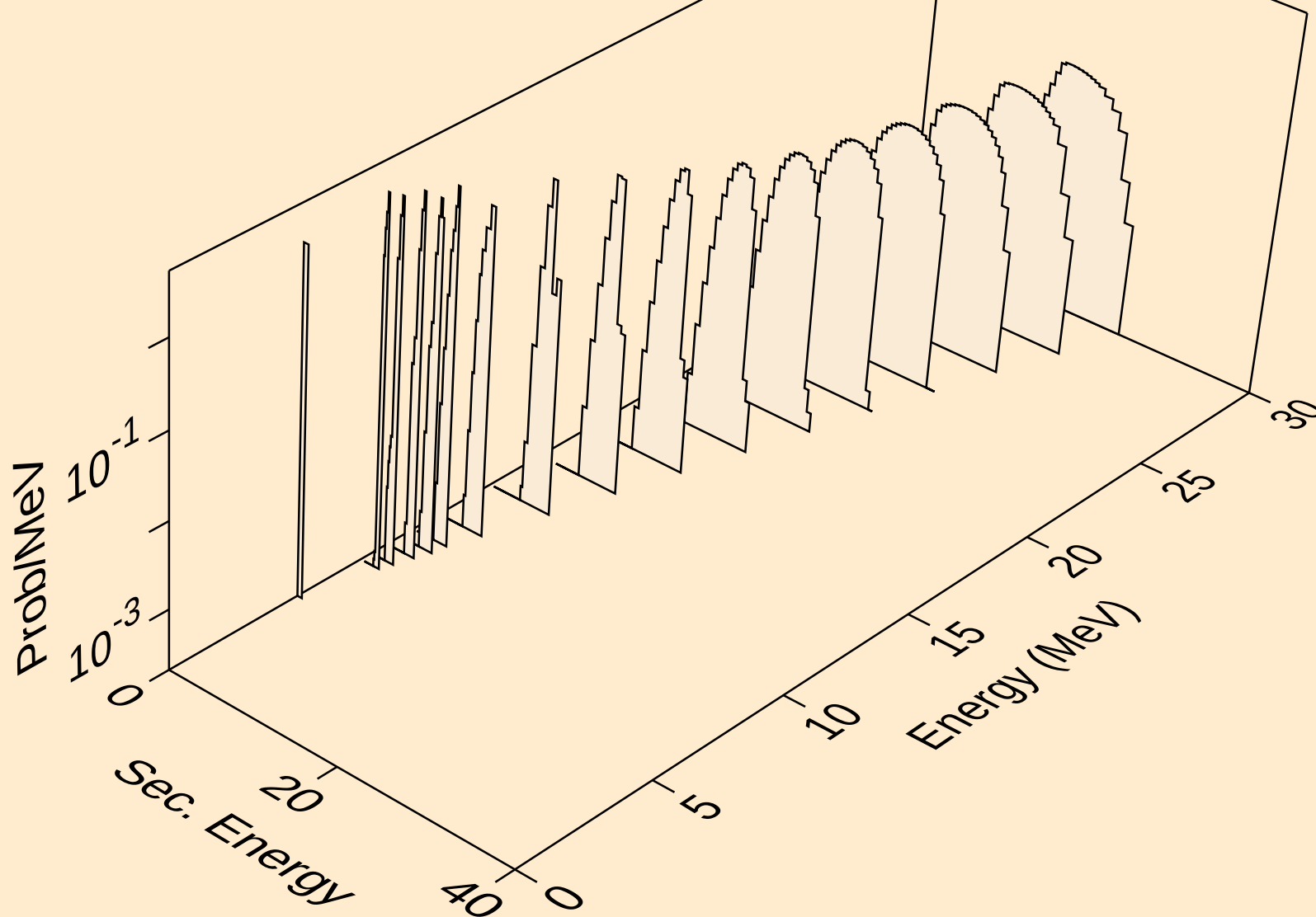
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



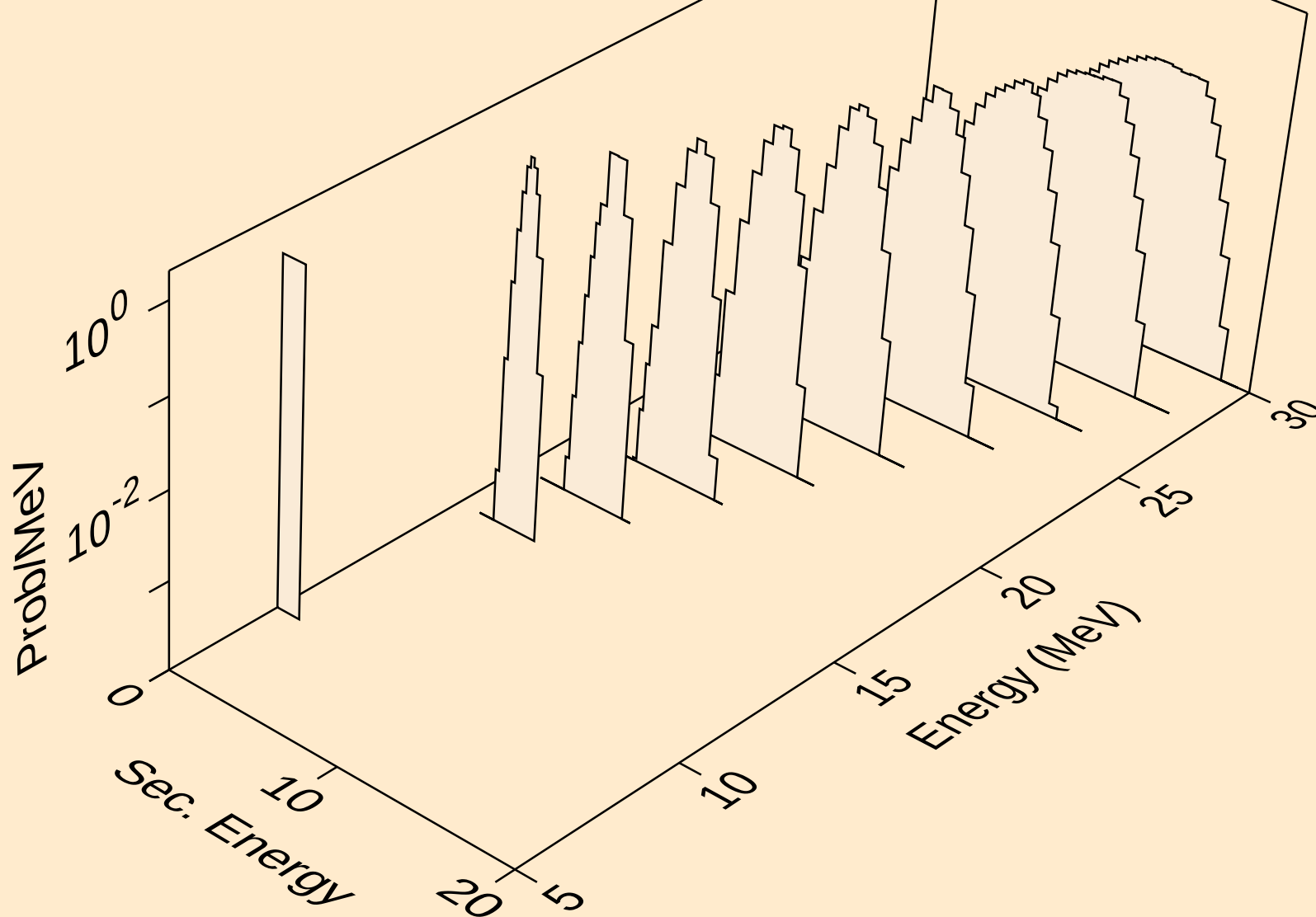
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



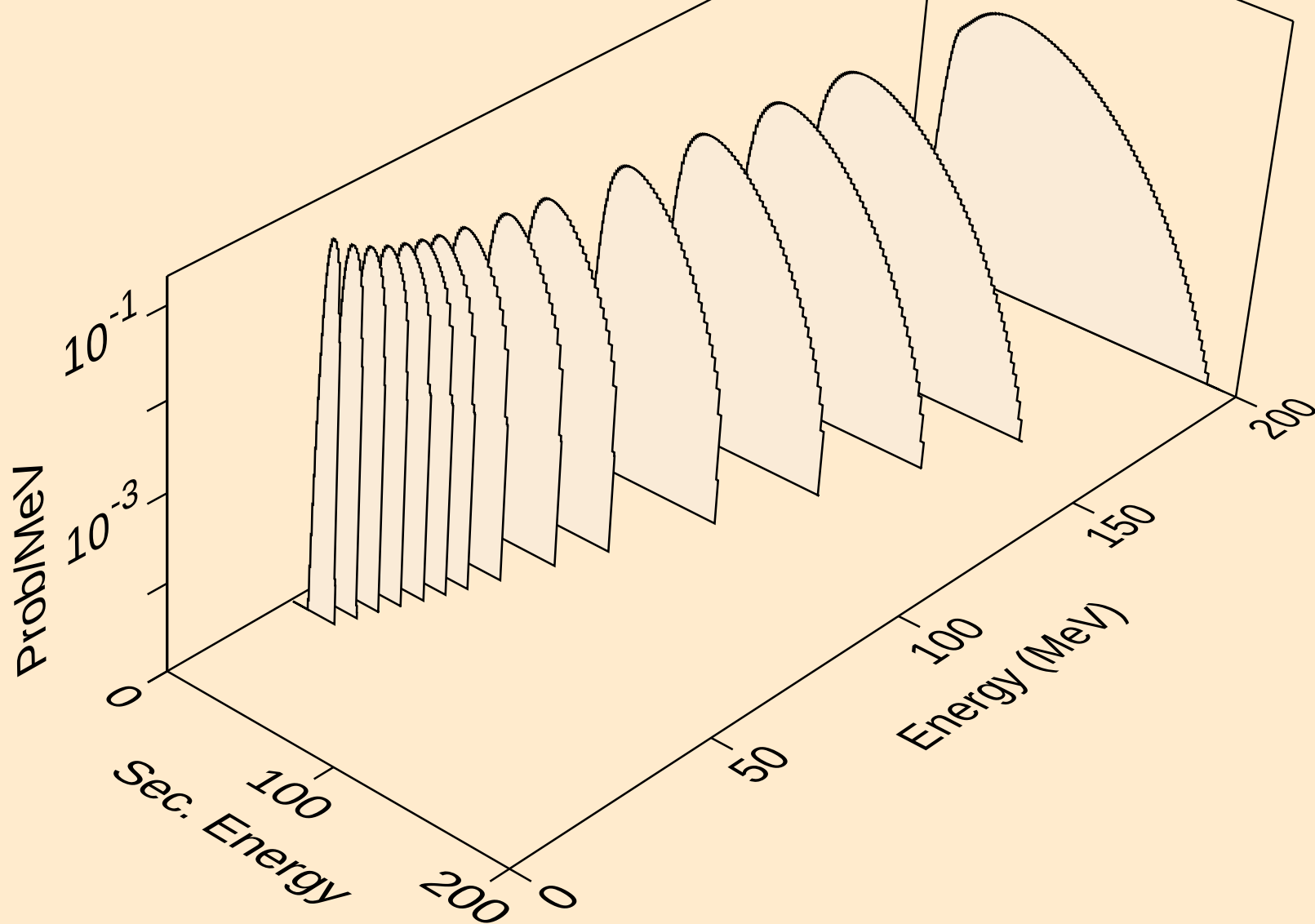
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



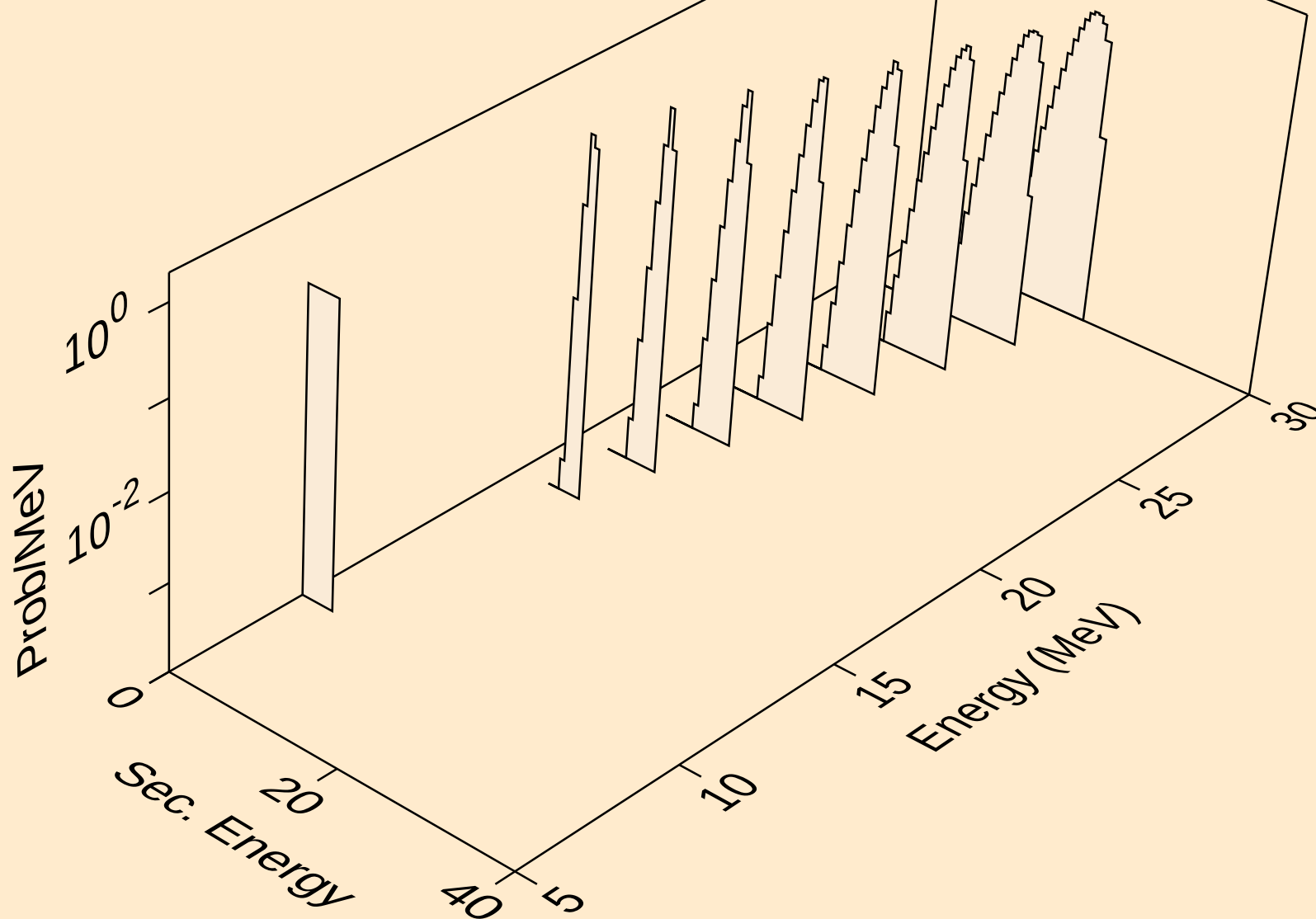
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



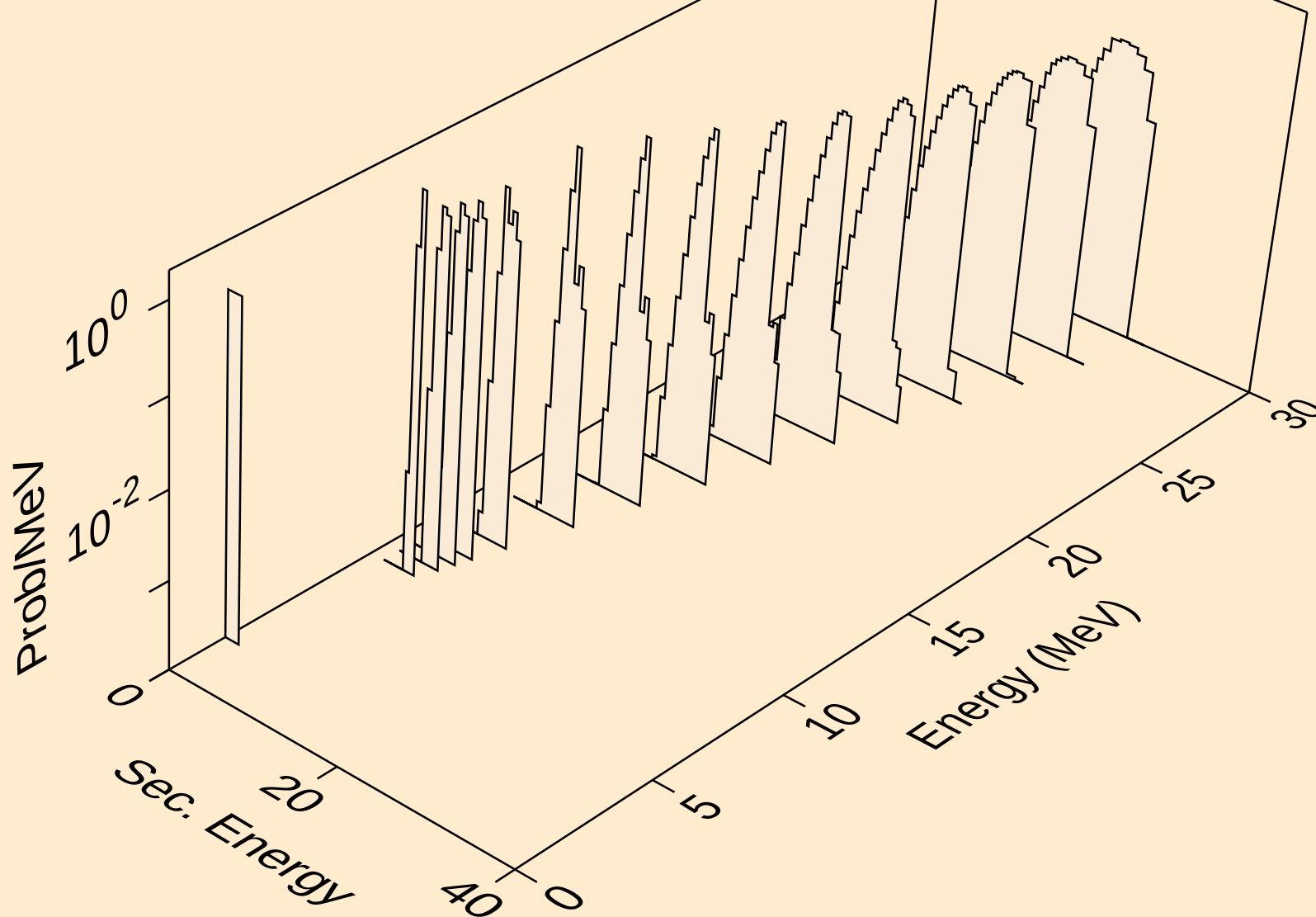
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



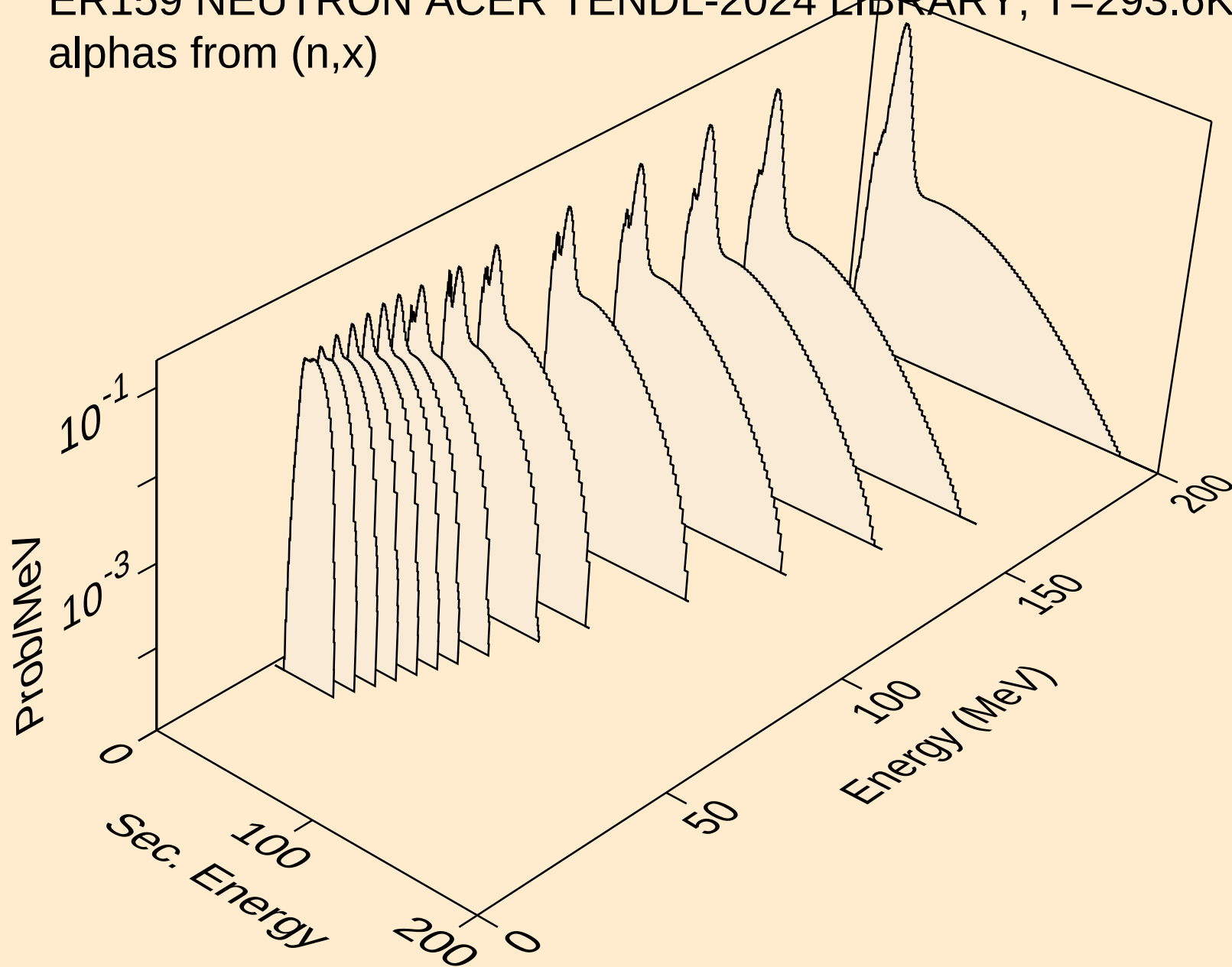
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



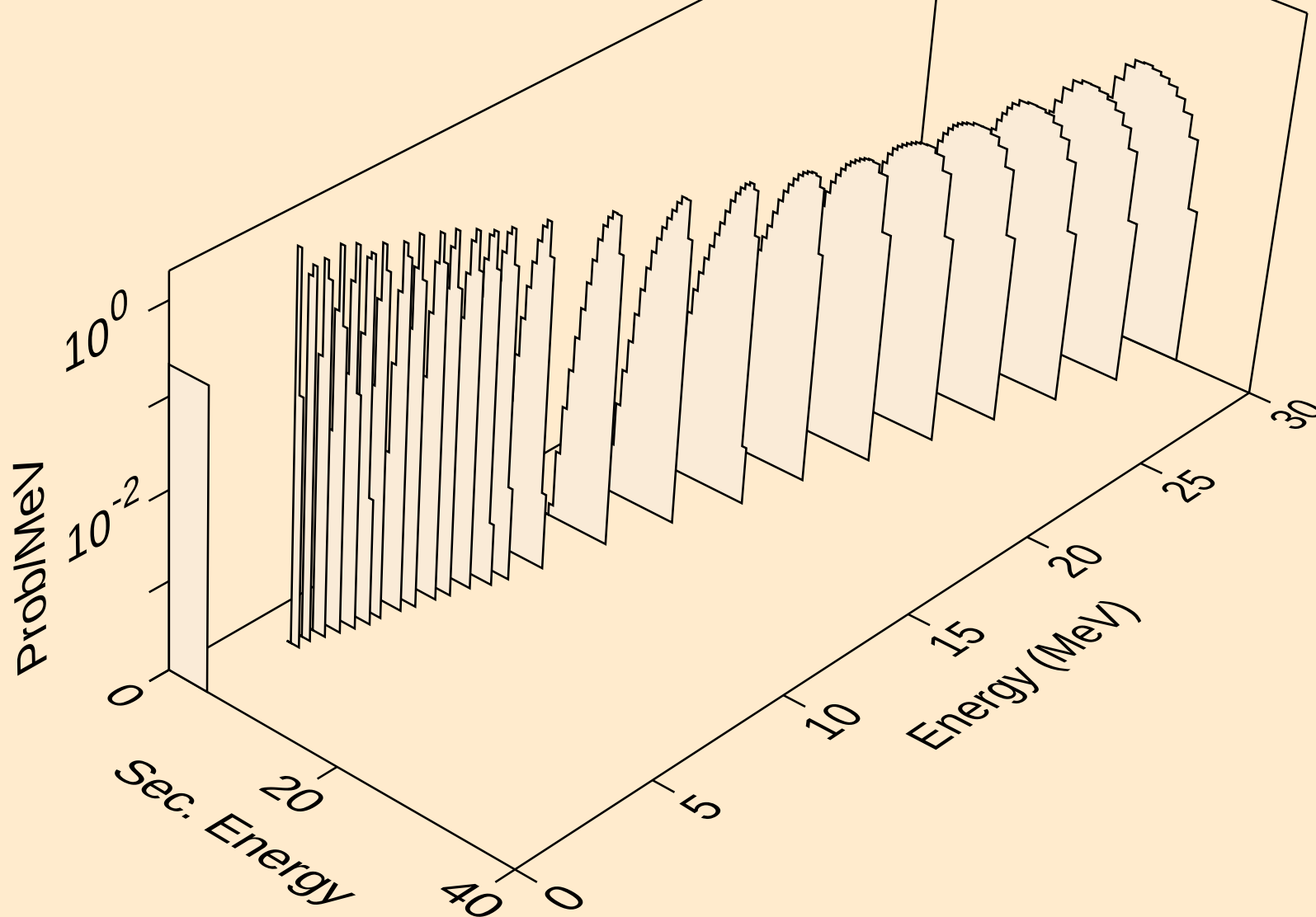
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



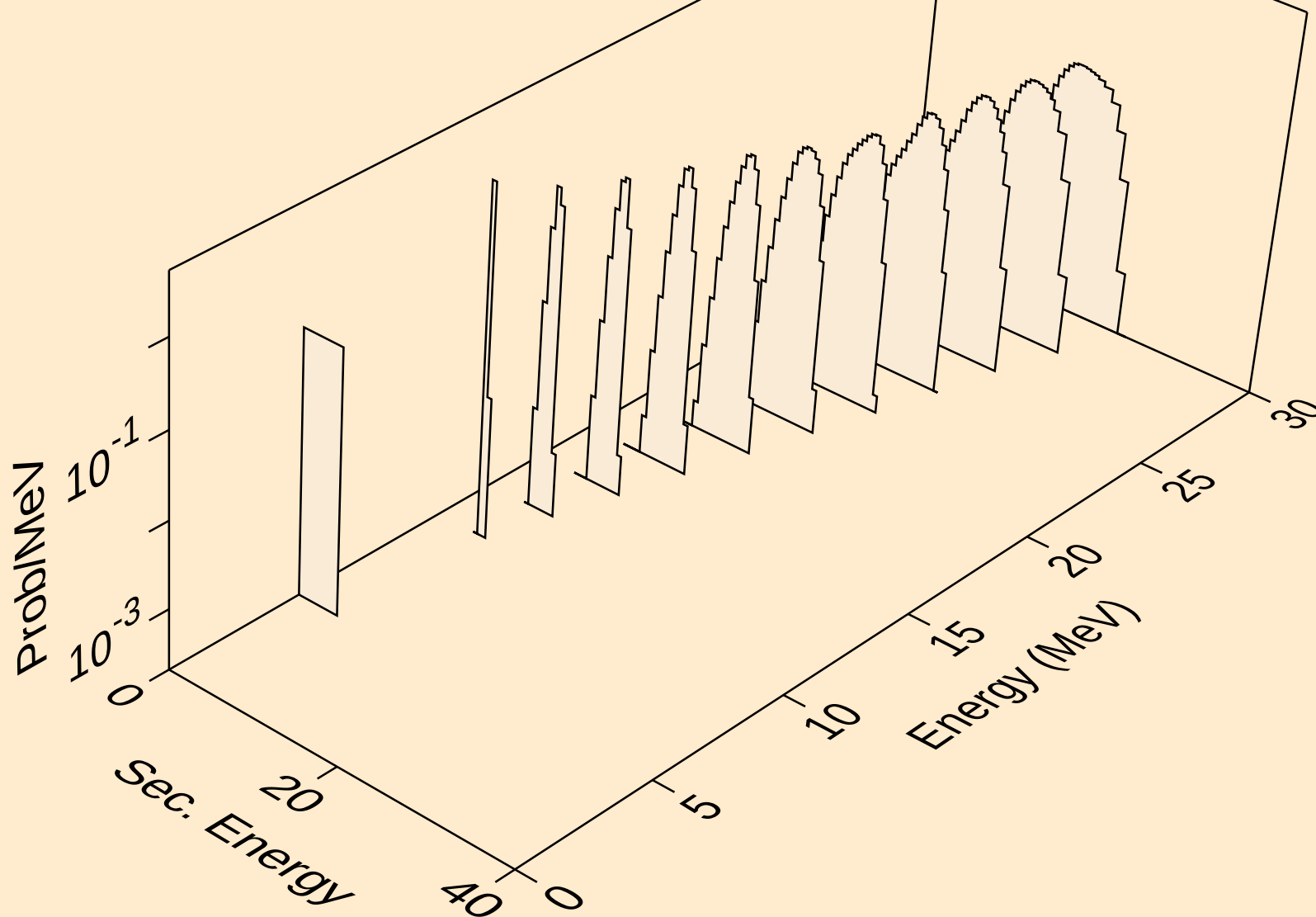
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



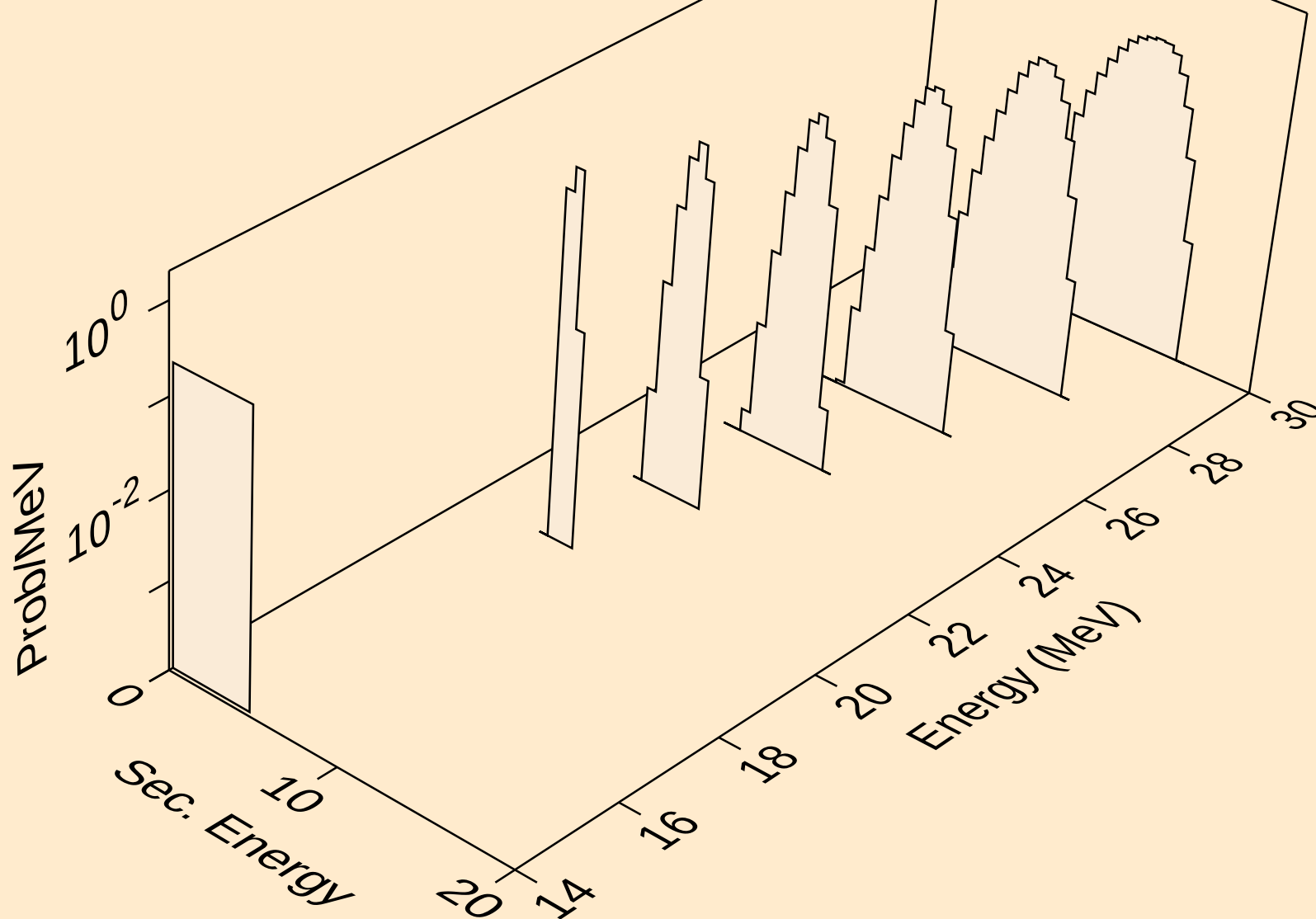
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



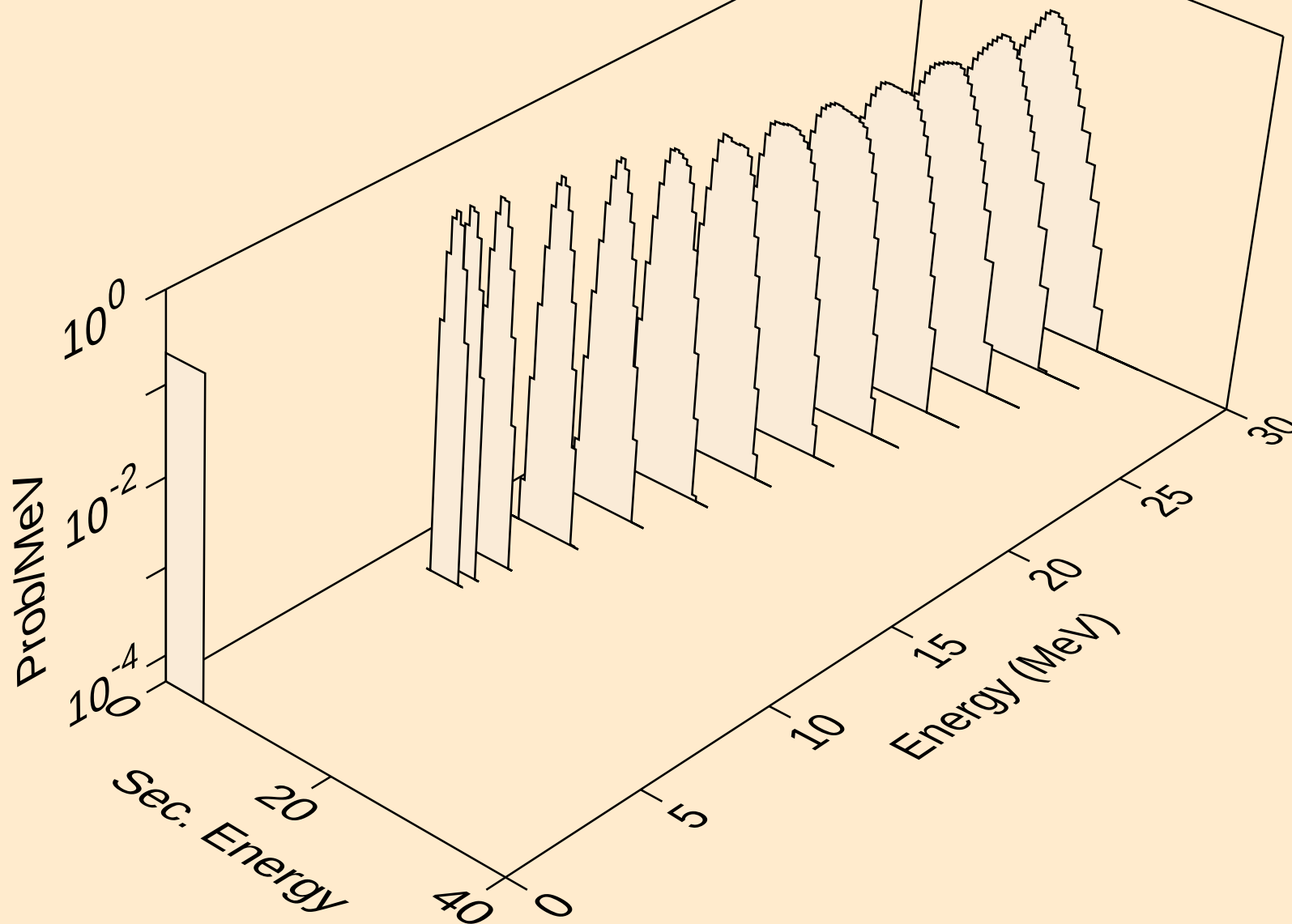
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



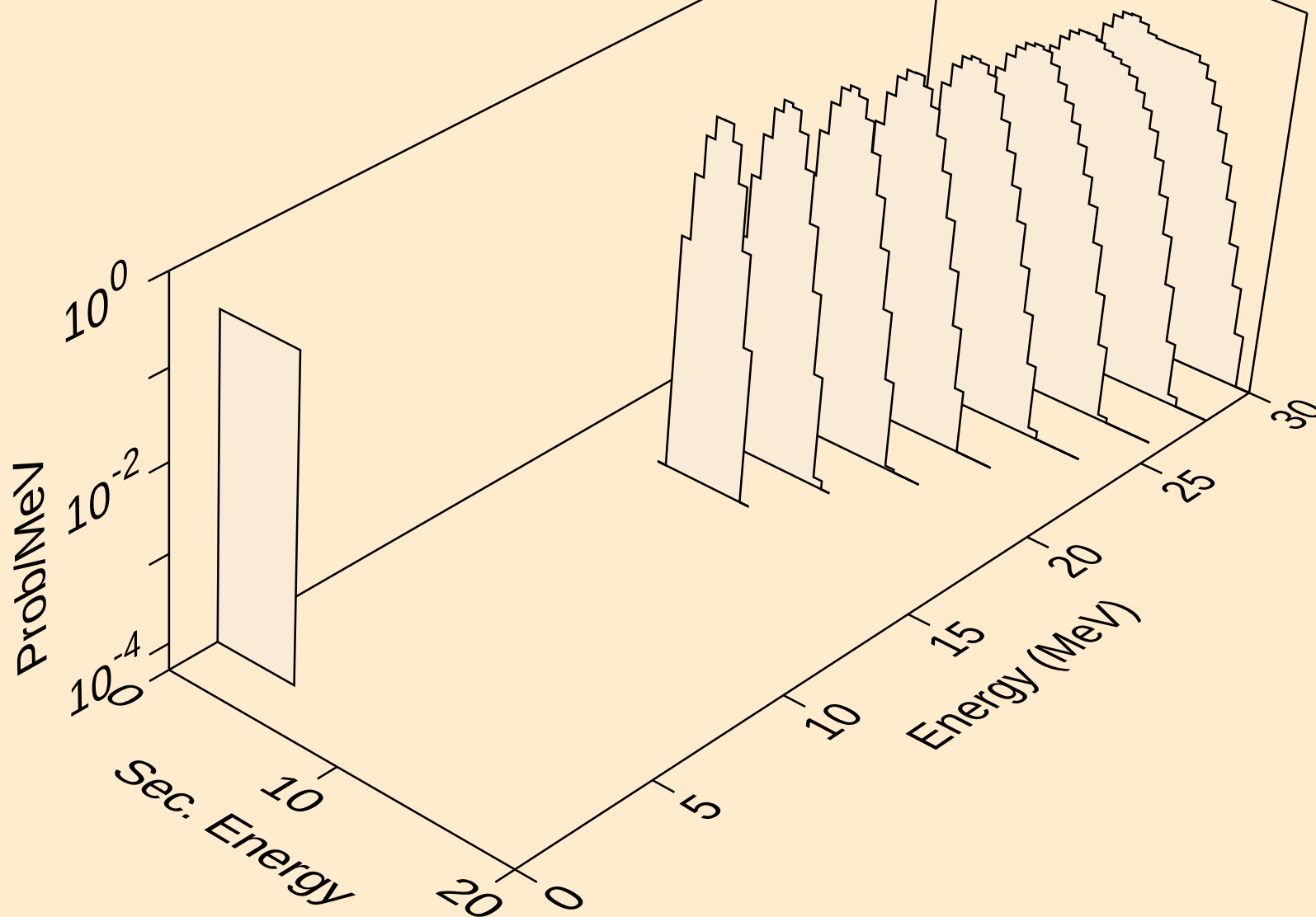
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alphas from (n,3n)a



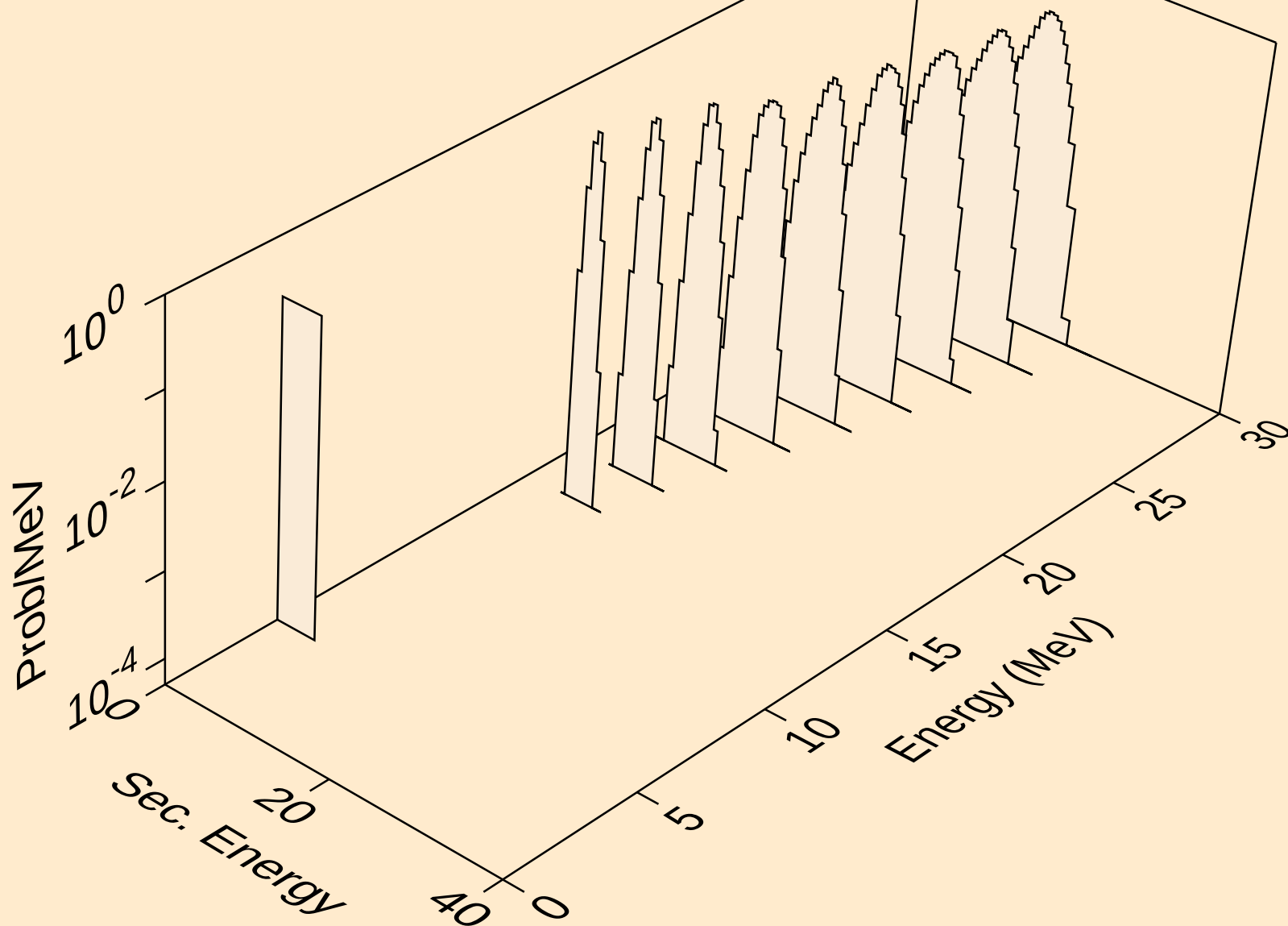
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



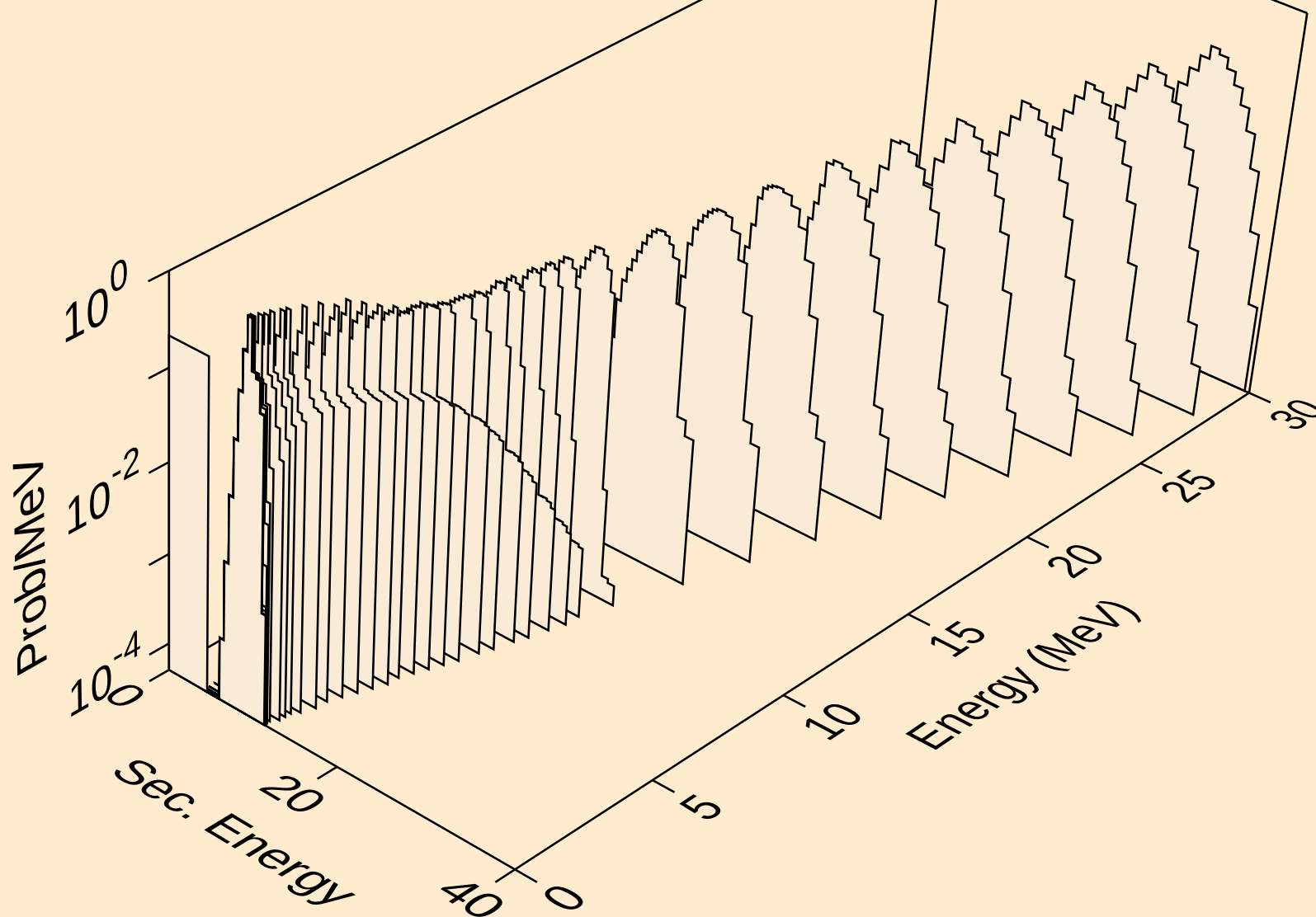
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alphas from (n,2n)2a



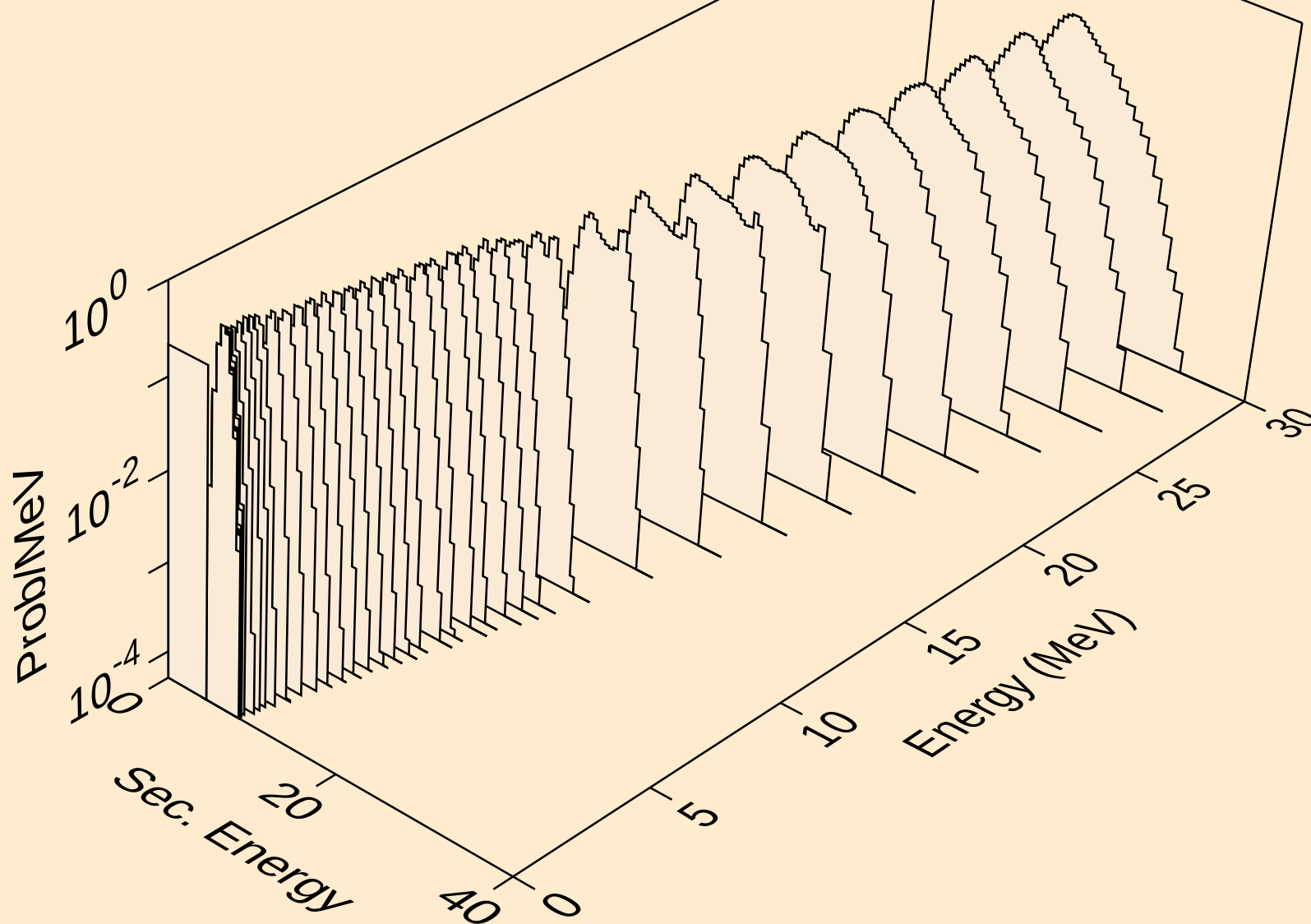
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



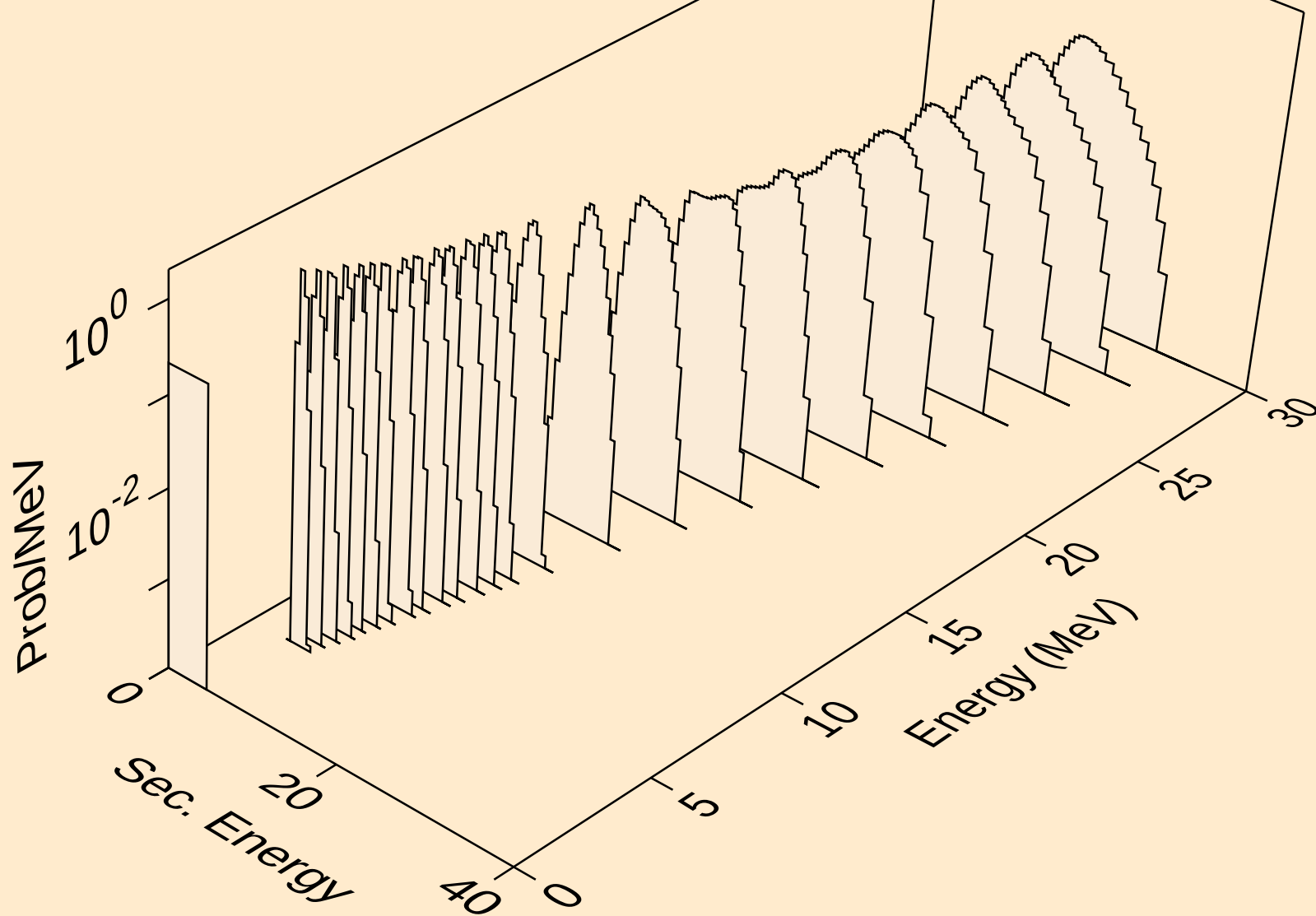
ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,p)



ER159 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

