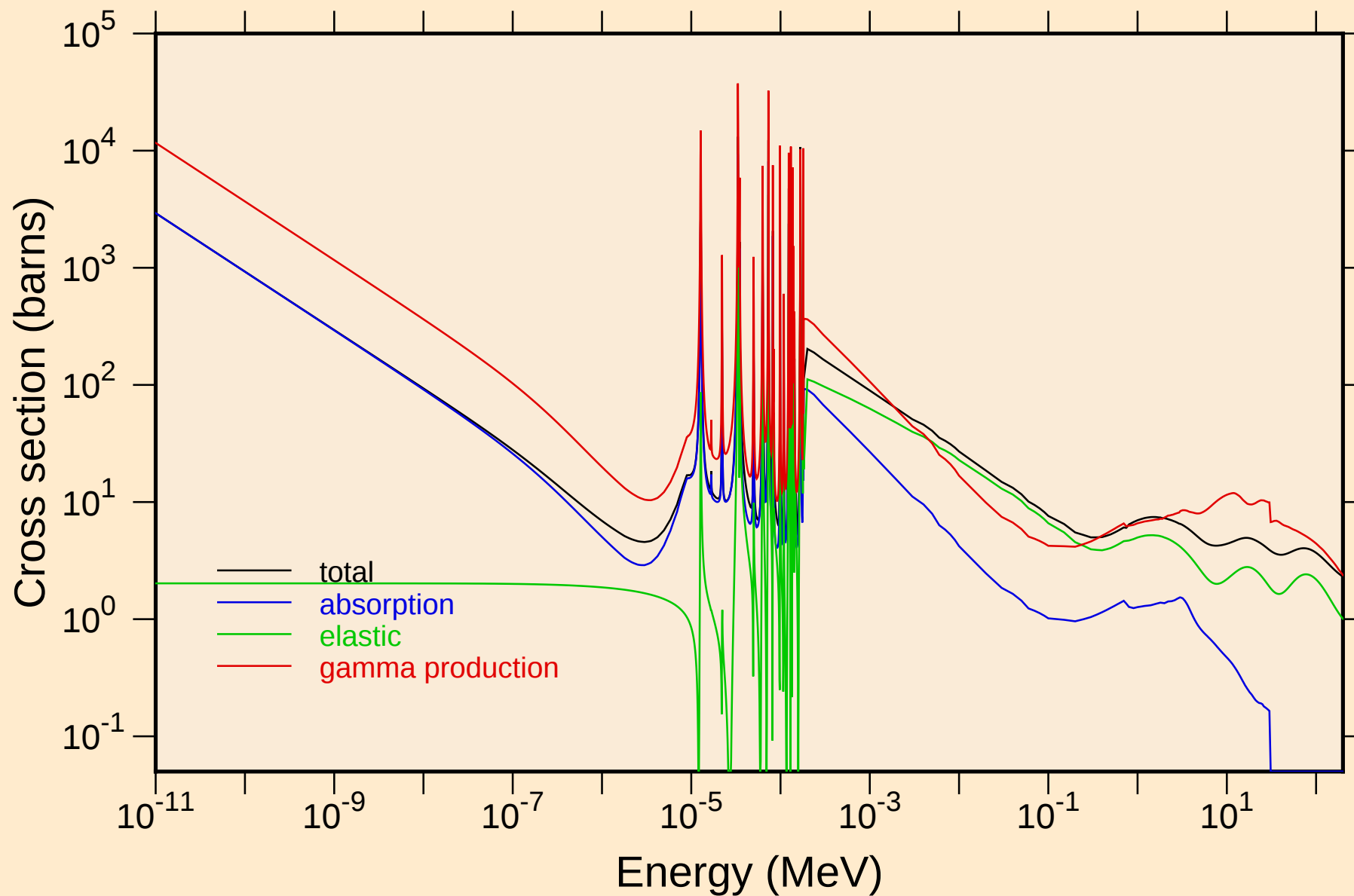
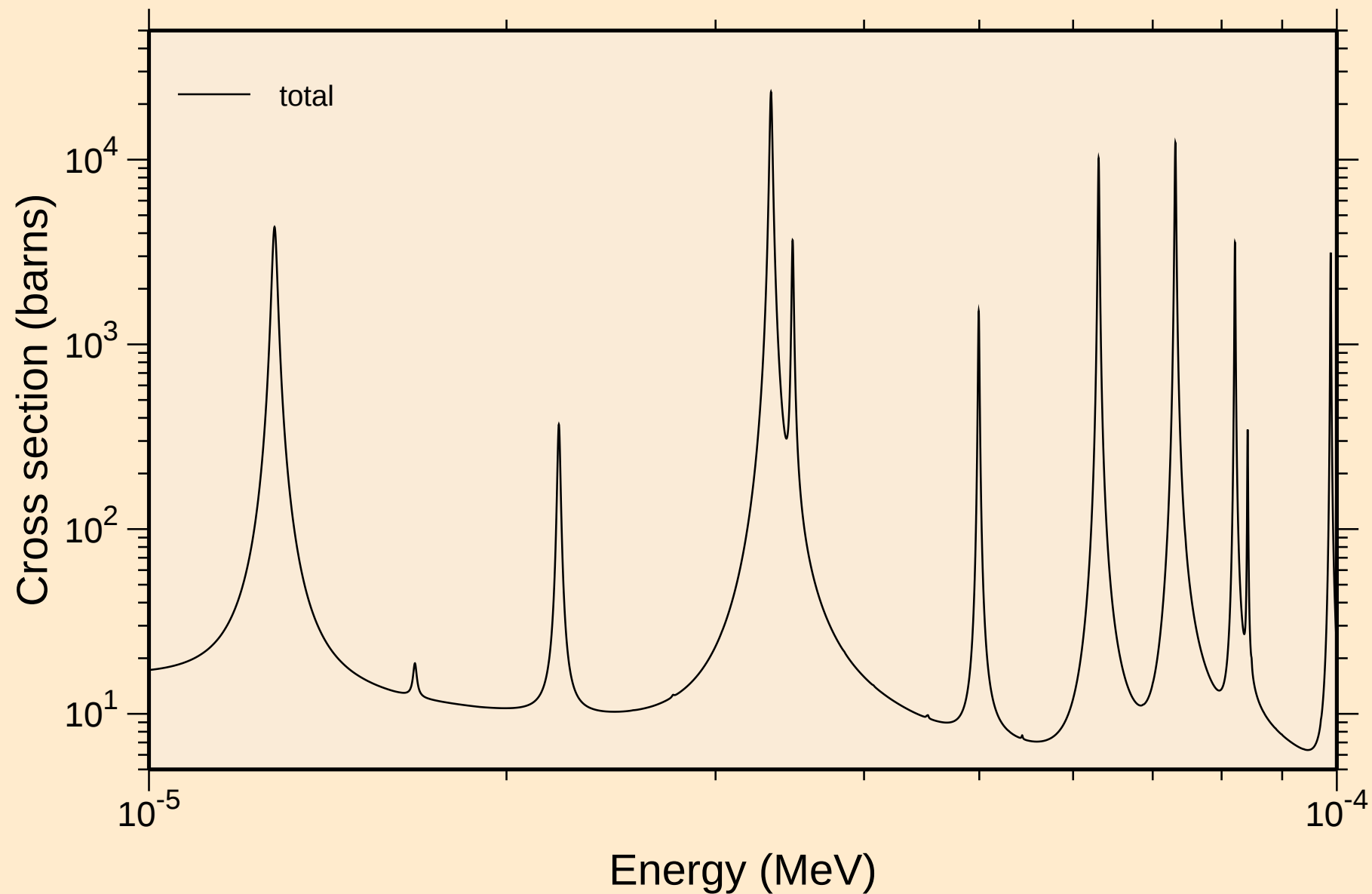


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

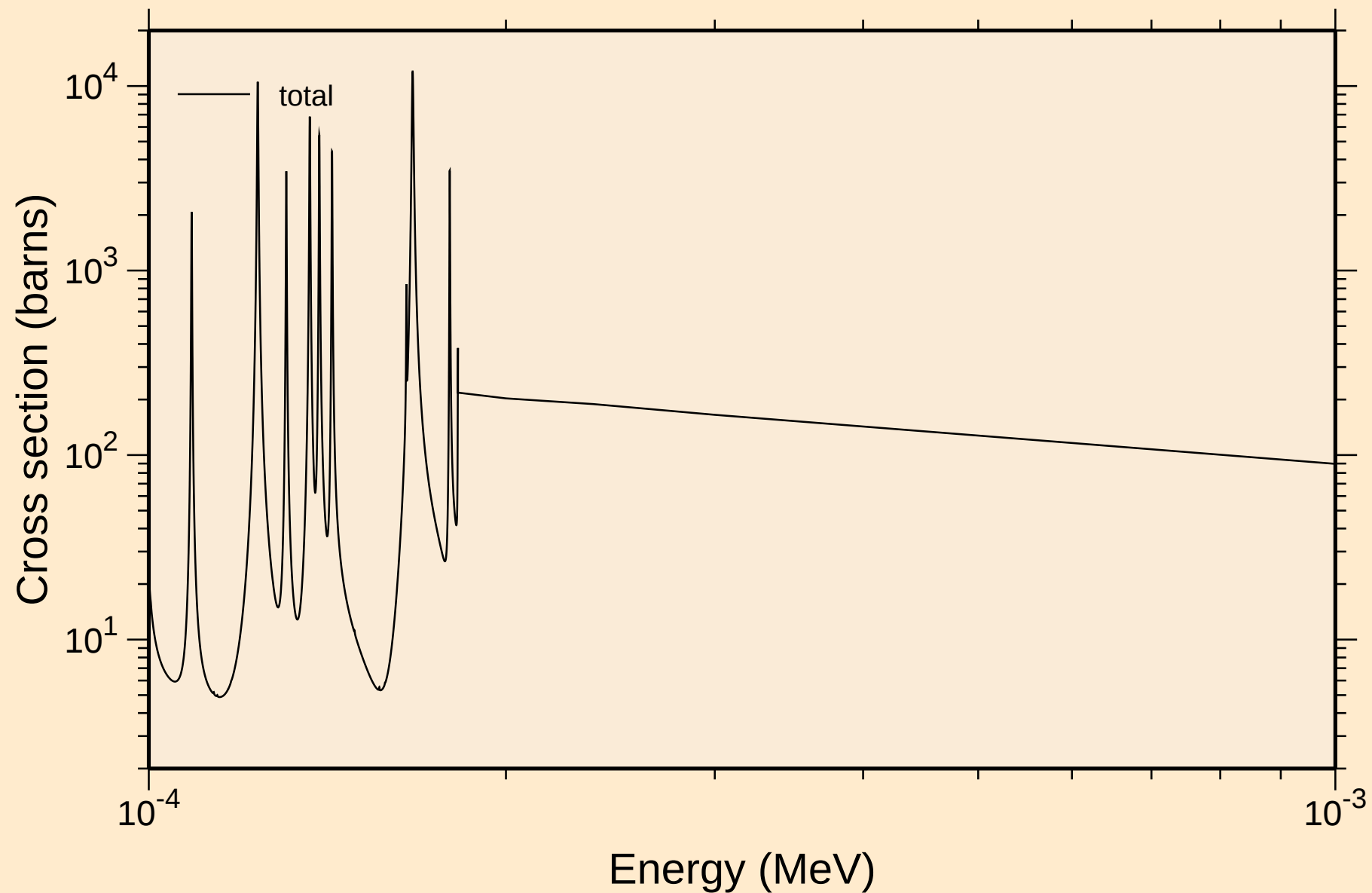
Principal cross sections



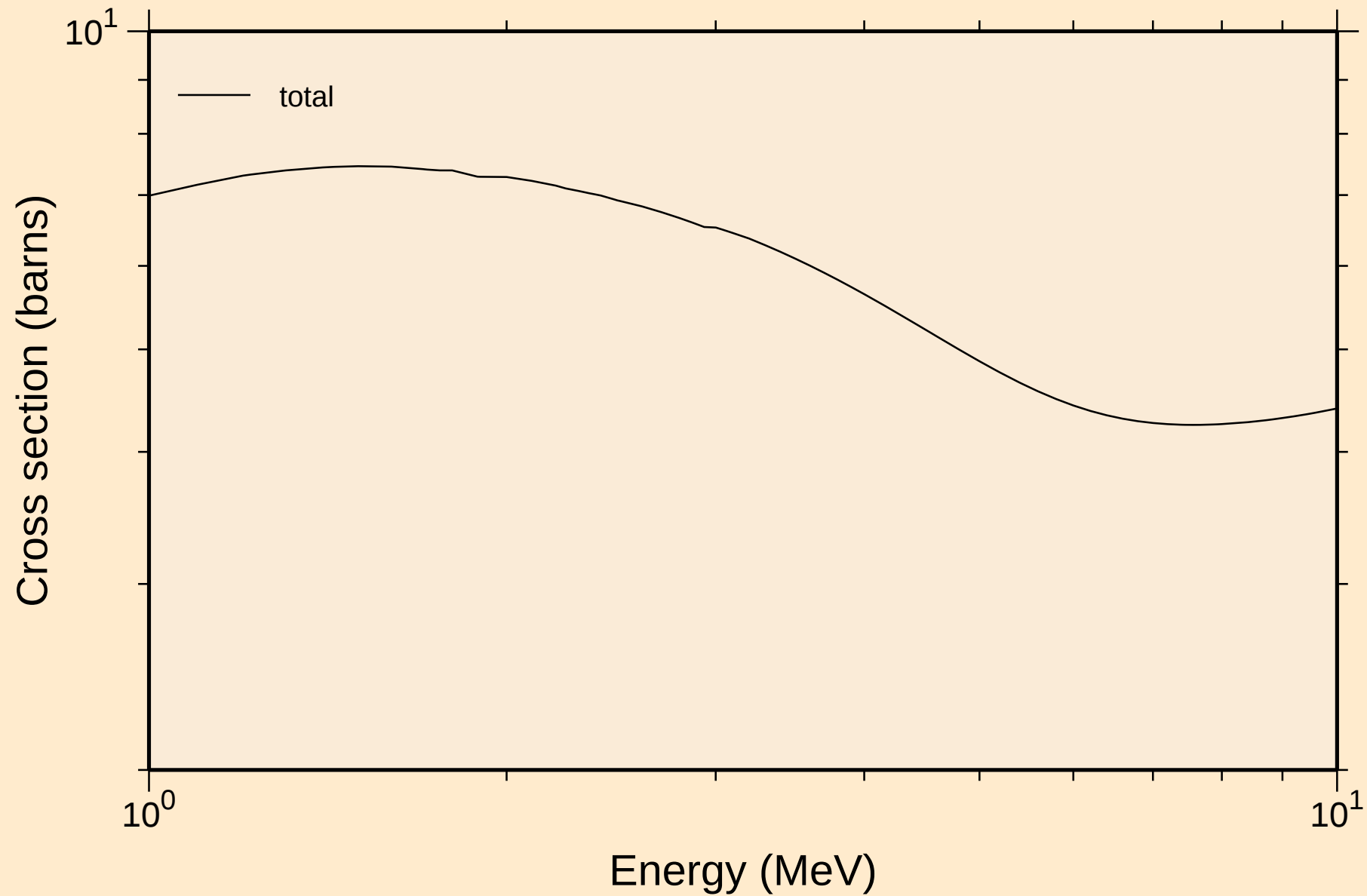
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



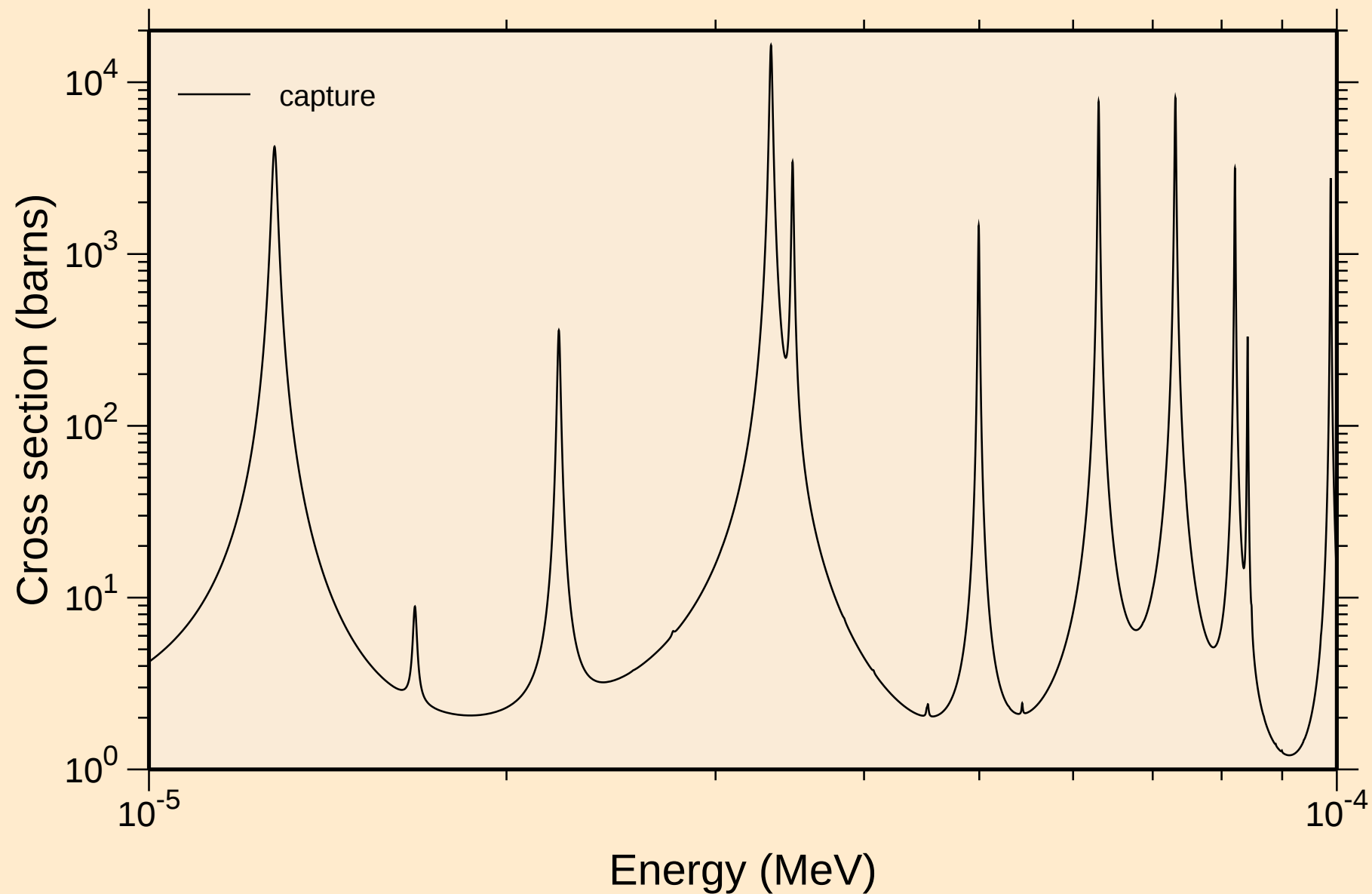
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



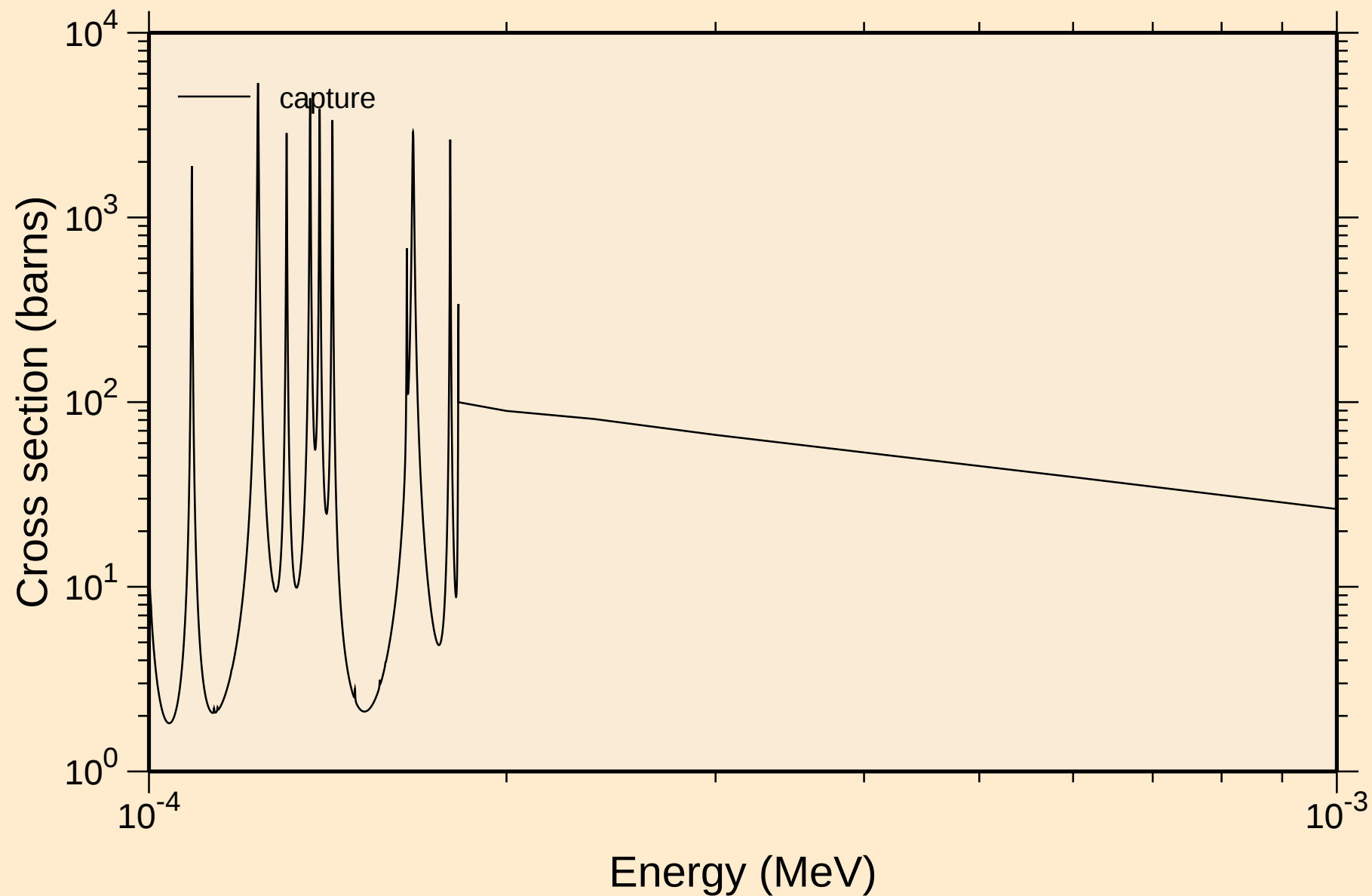
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



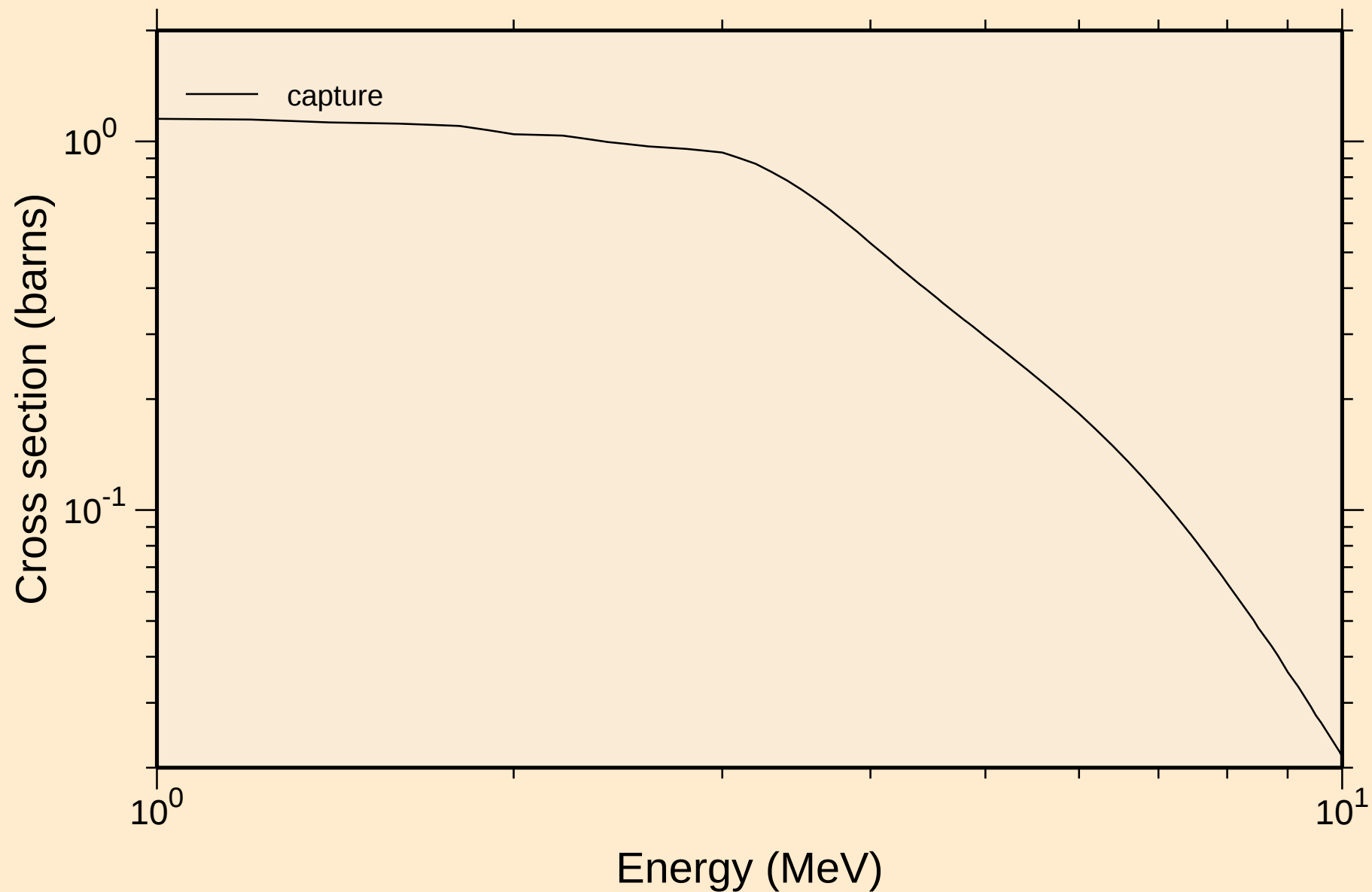
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

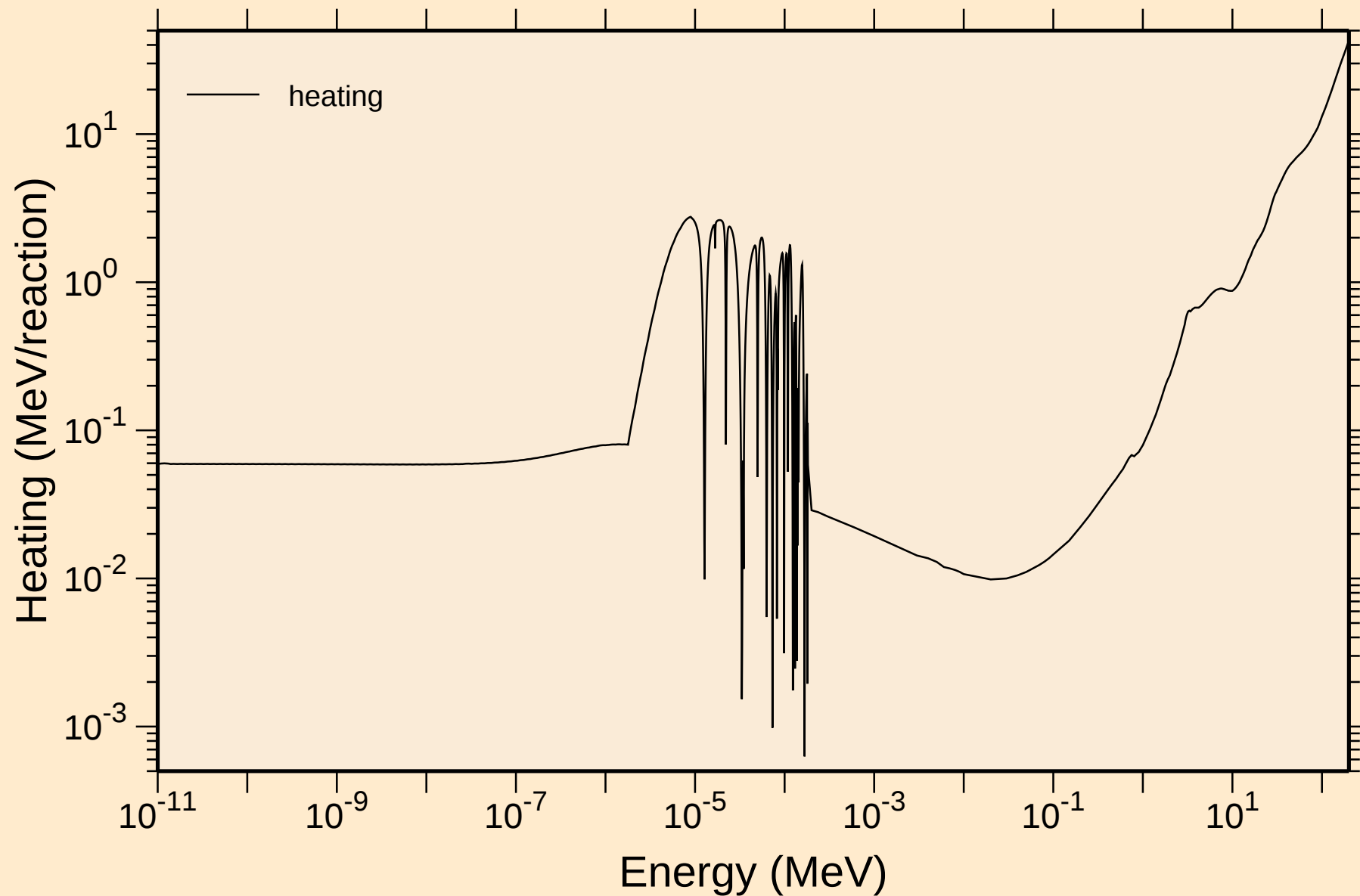


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



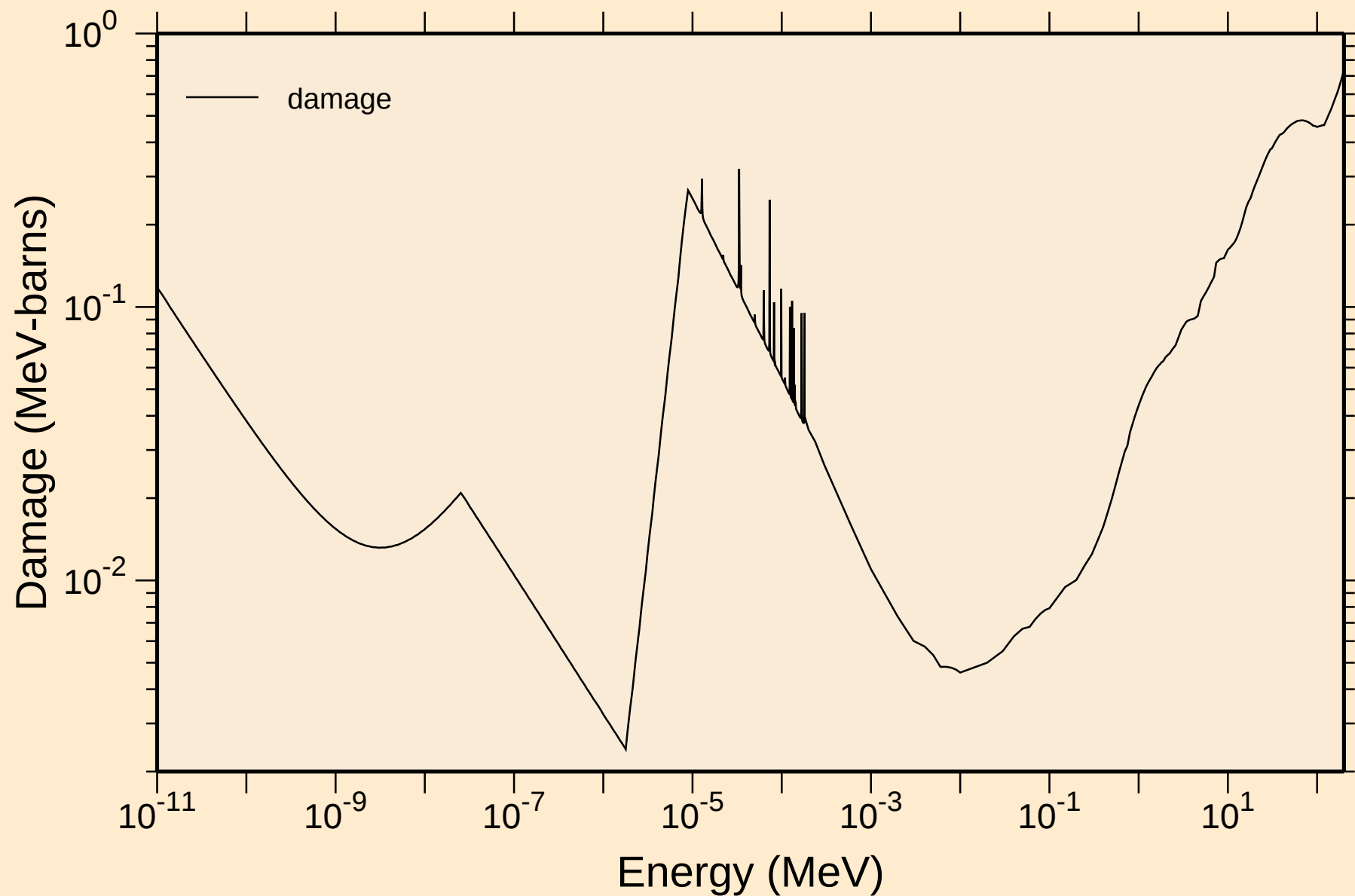
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

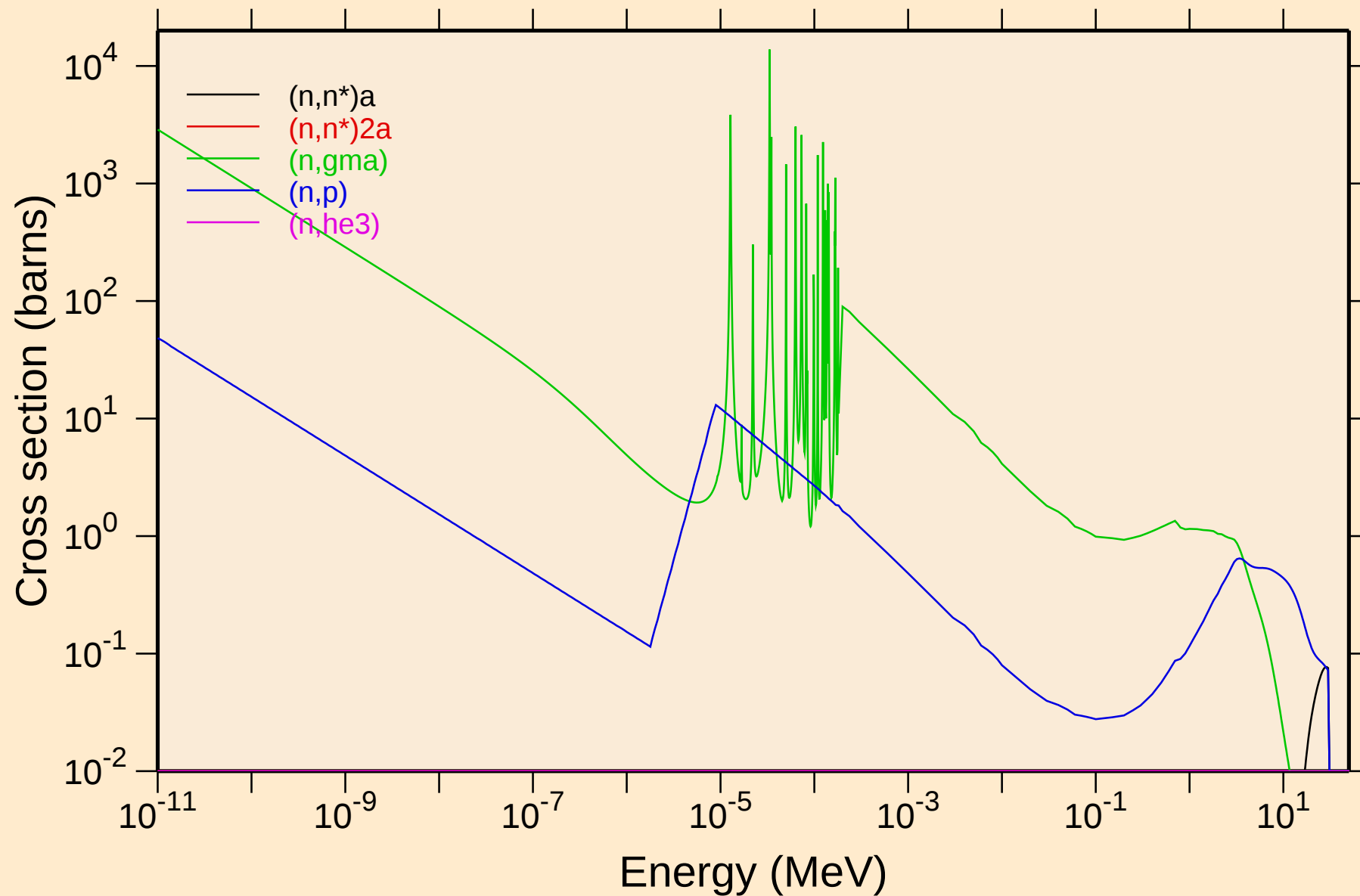


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

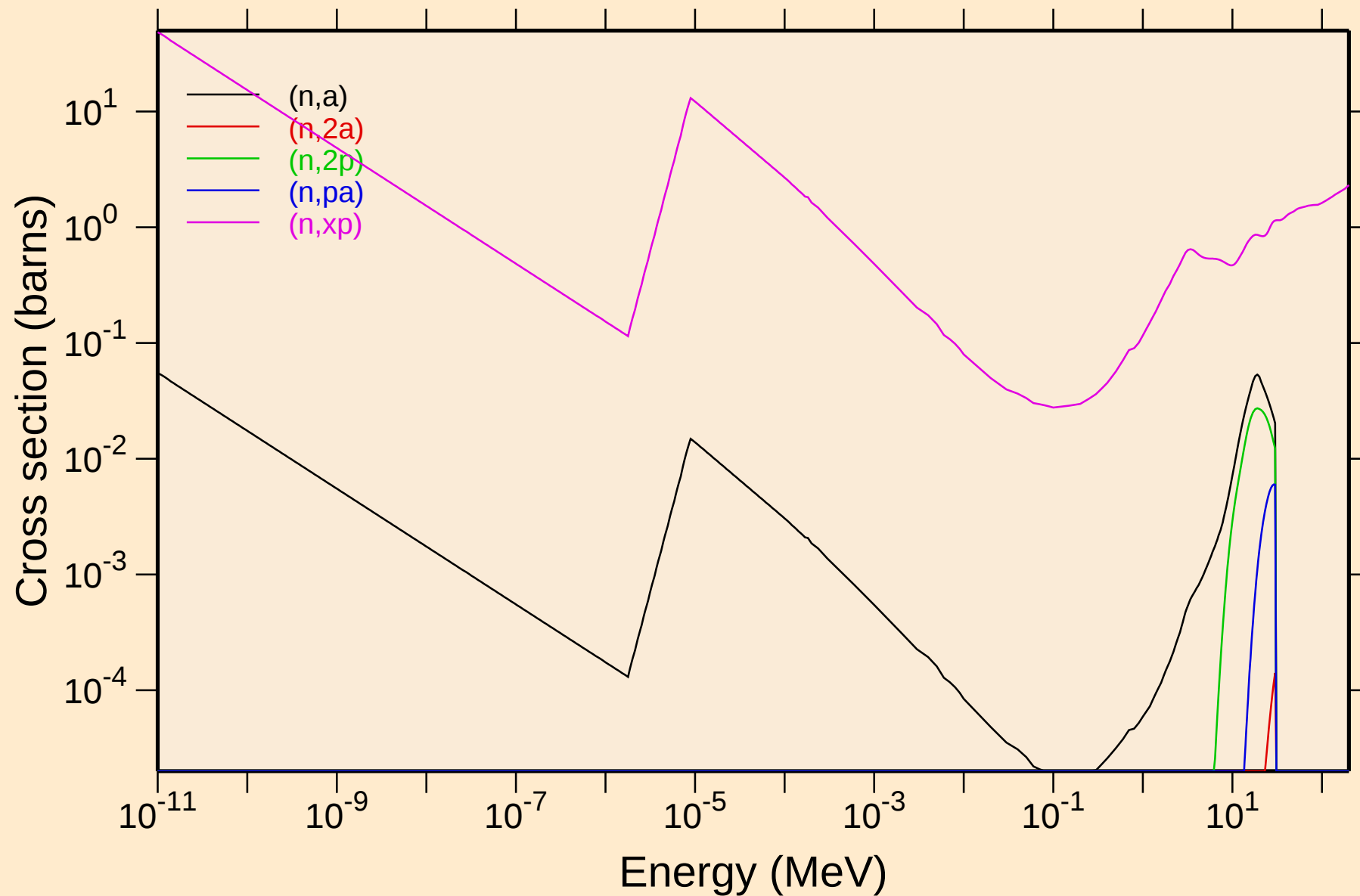
Damage



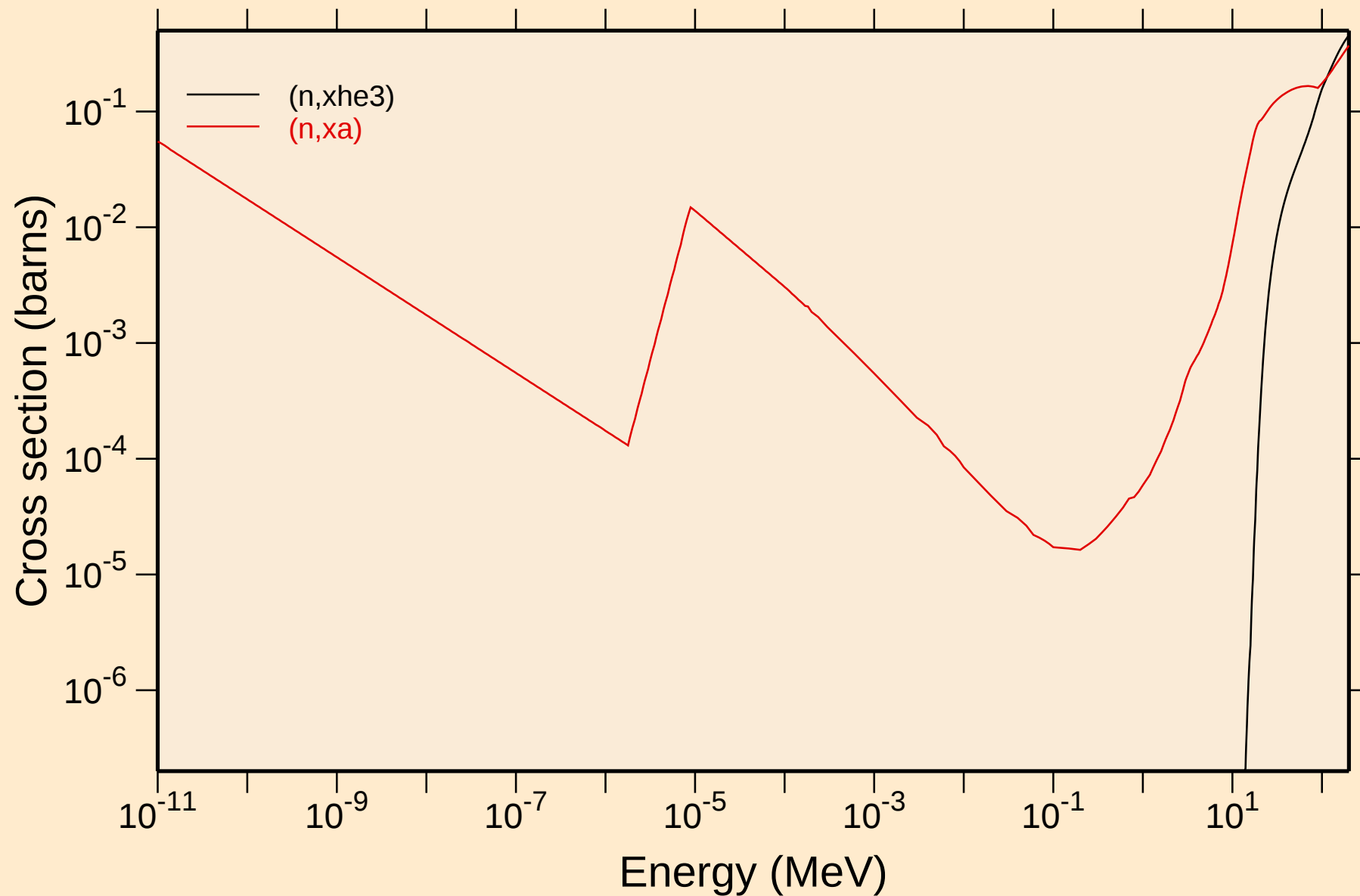
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

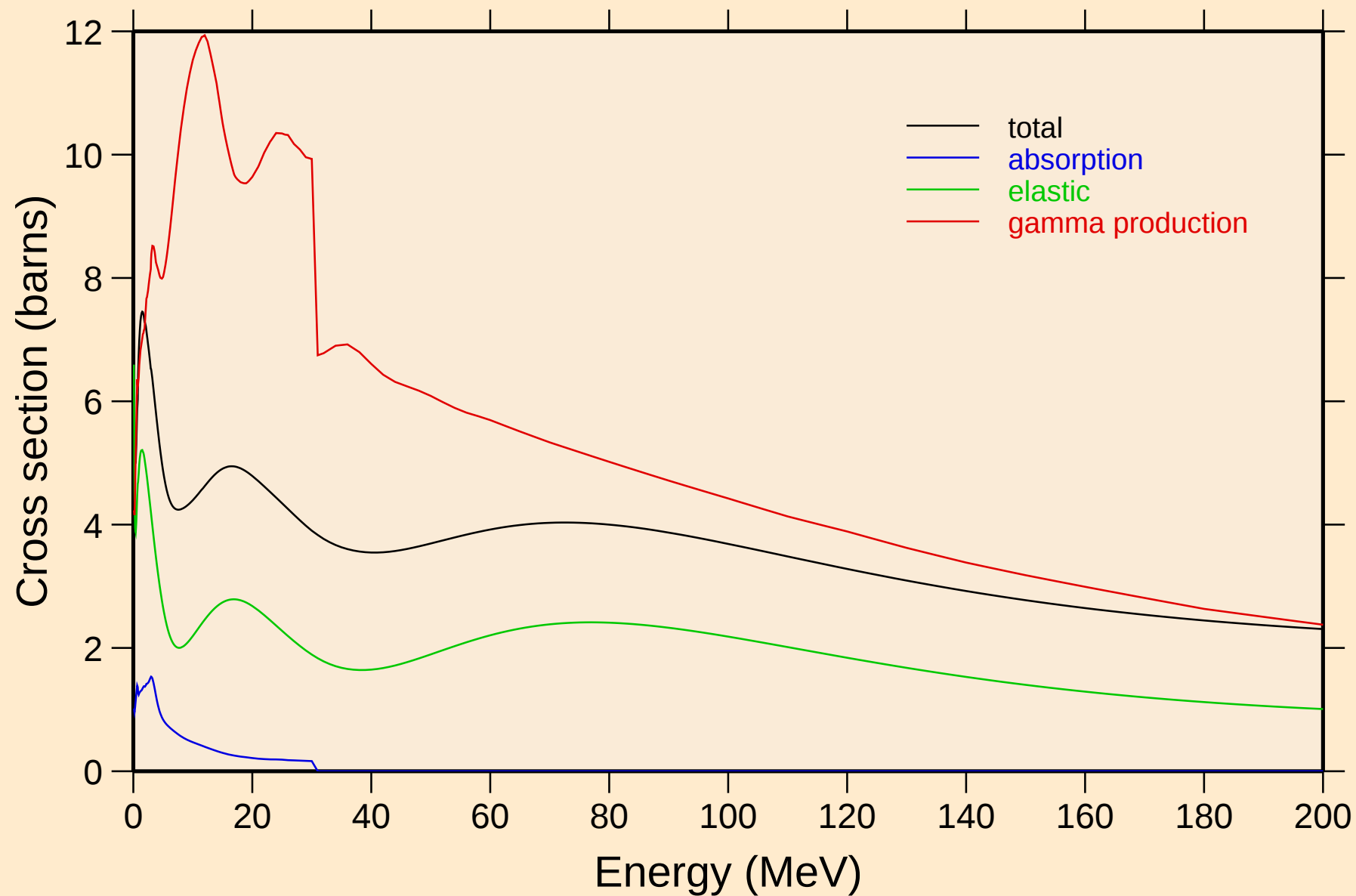


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



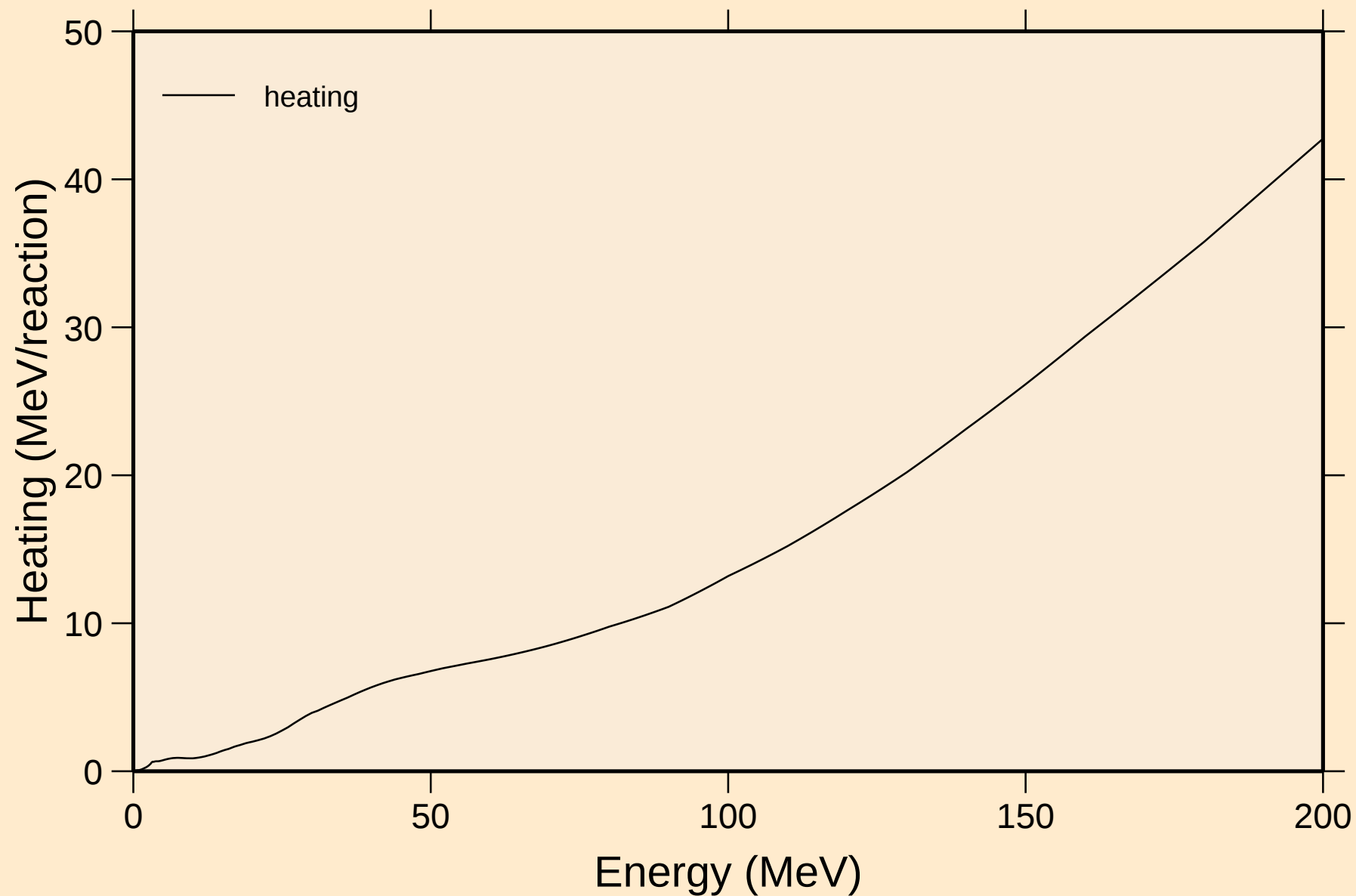
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



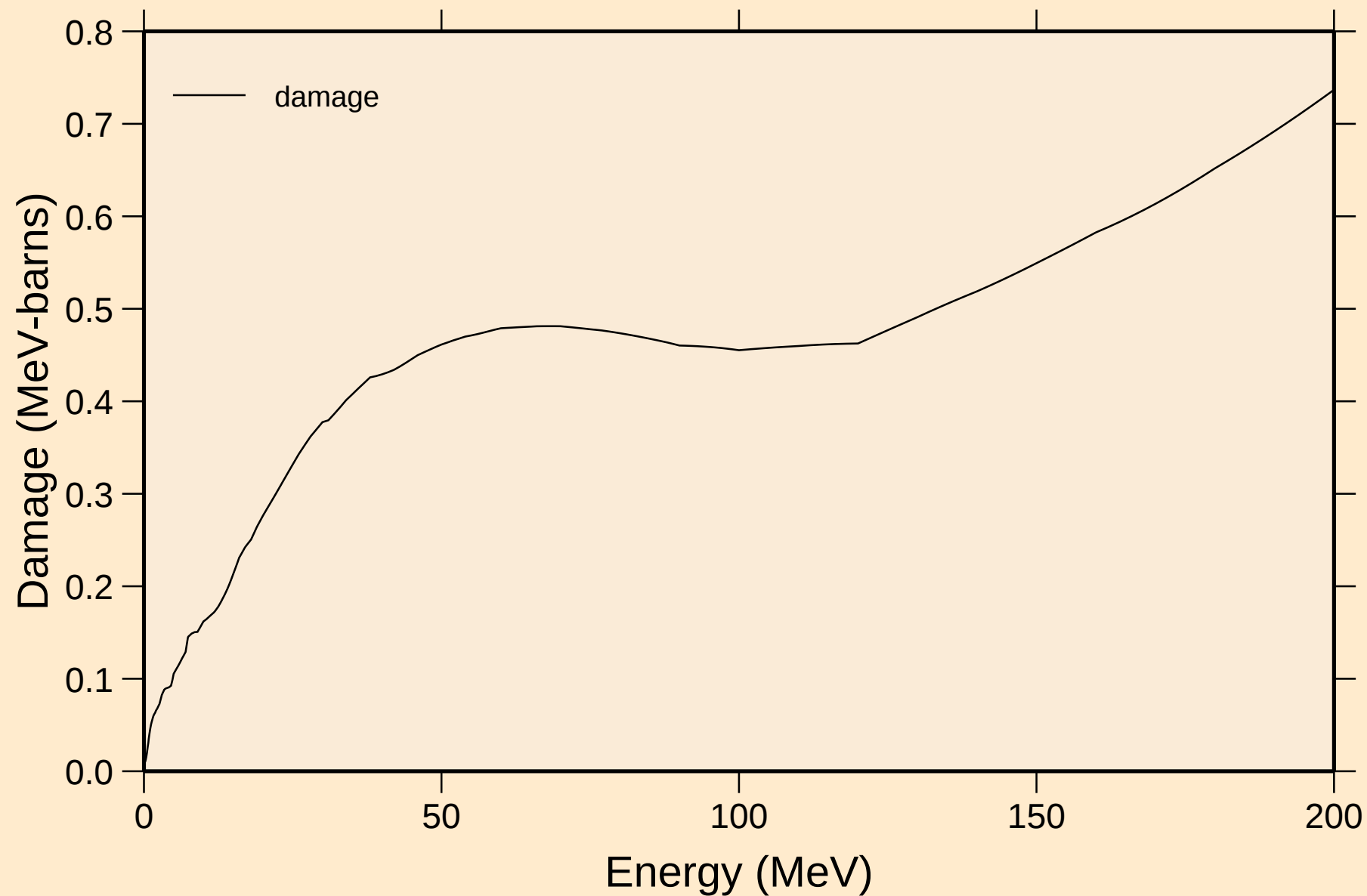
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

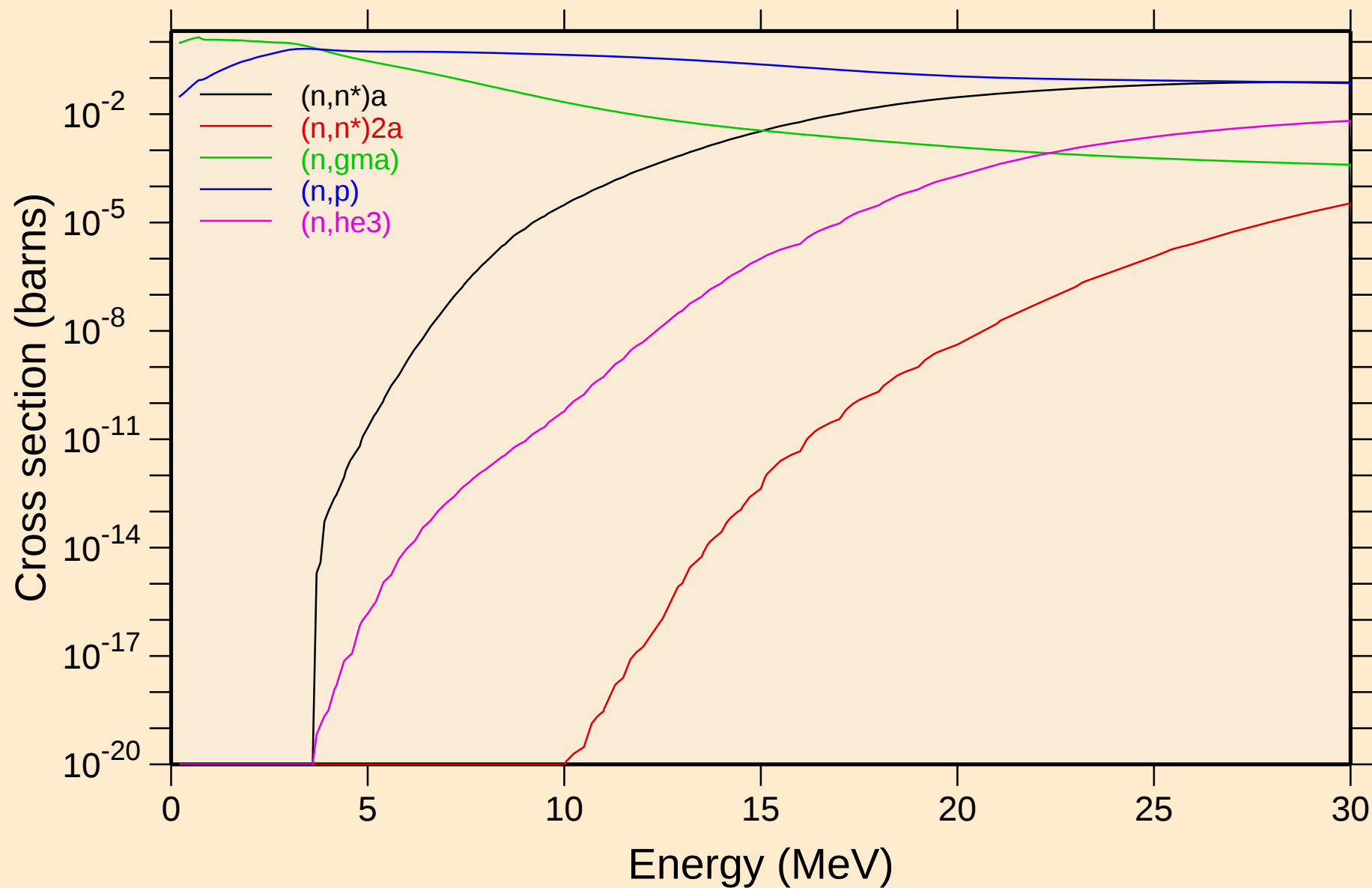


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

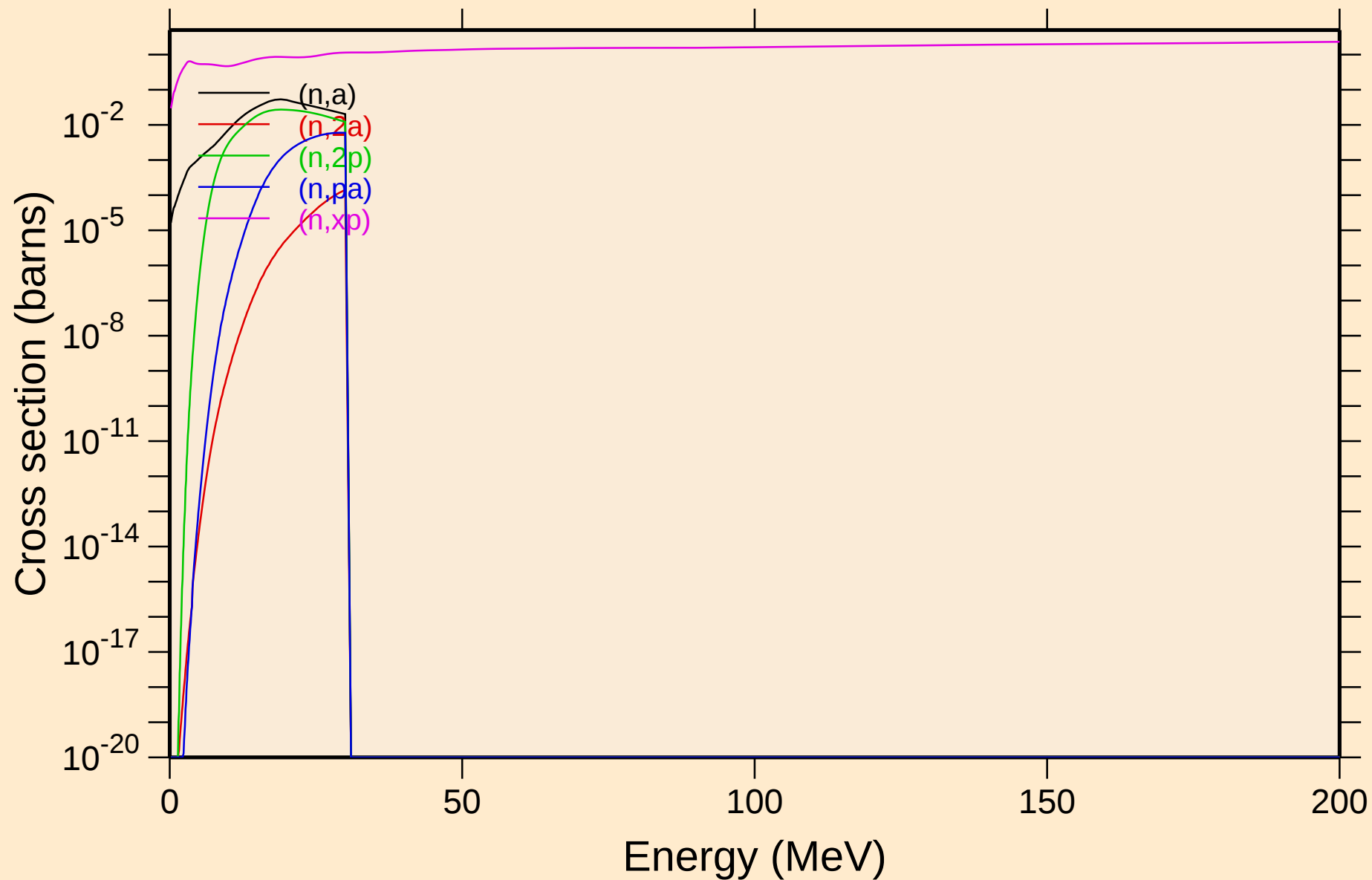
Damage



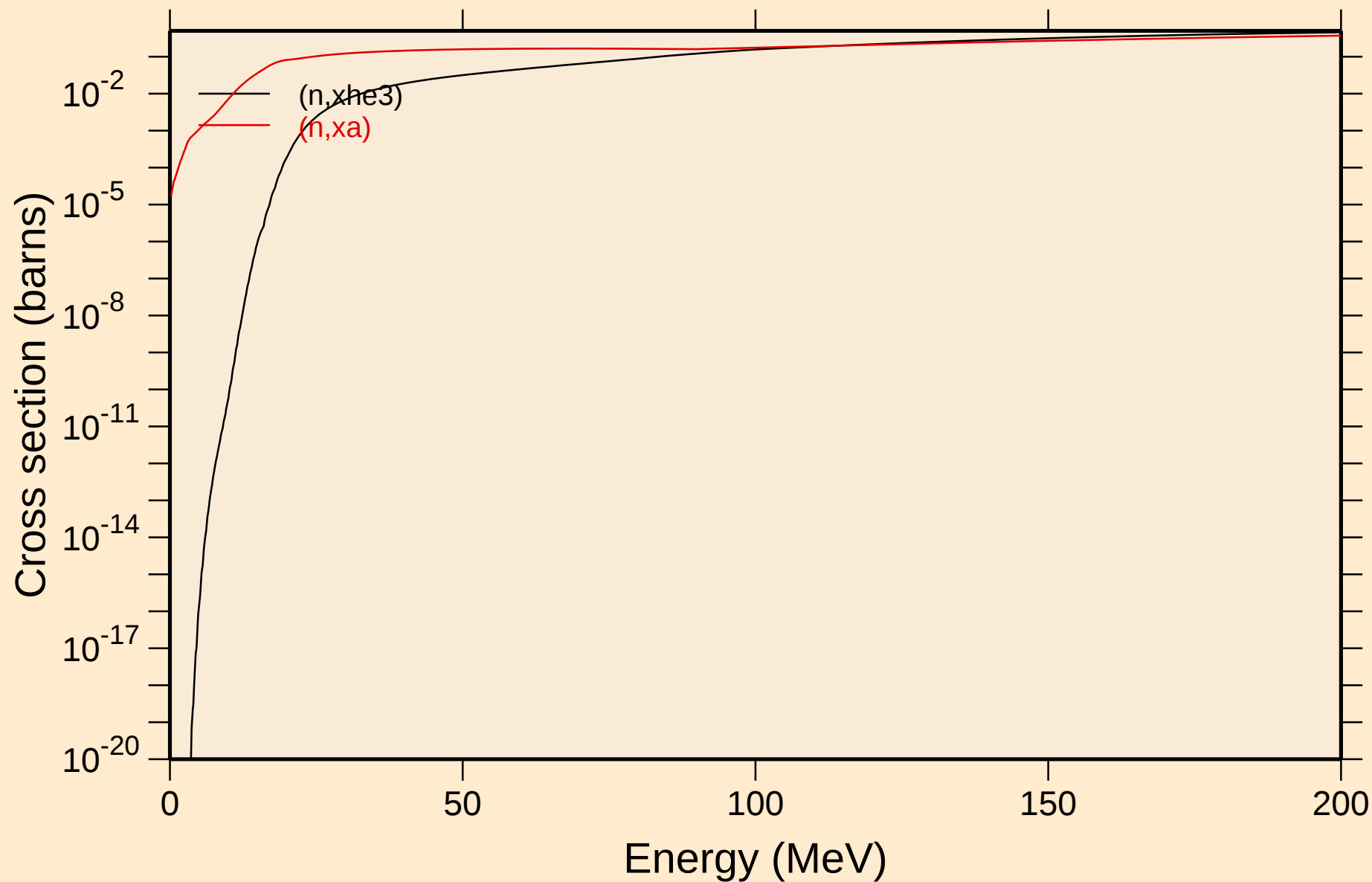
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



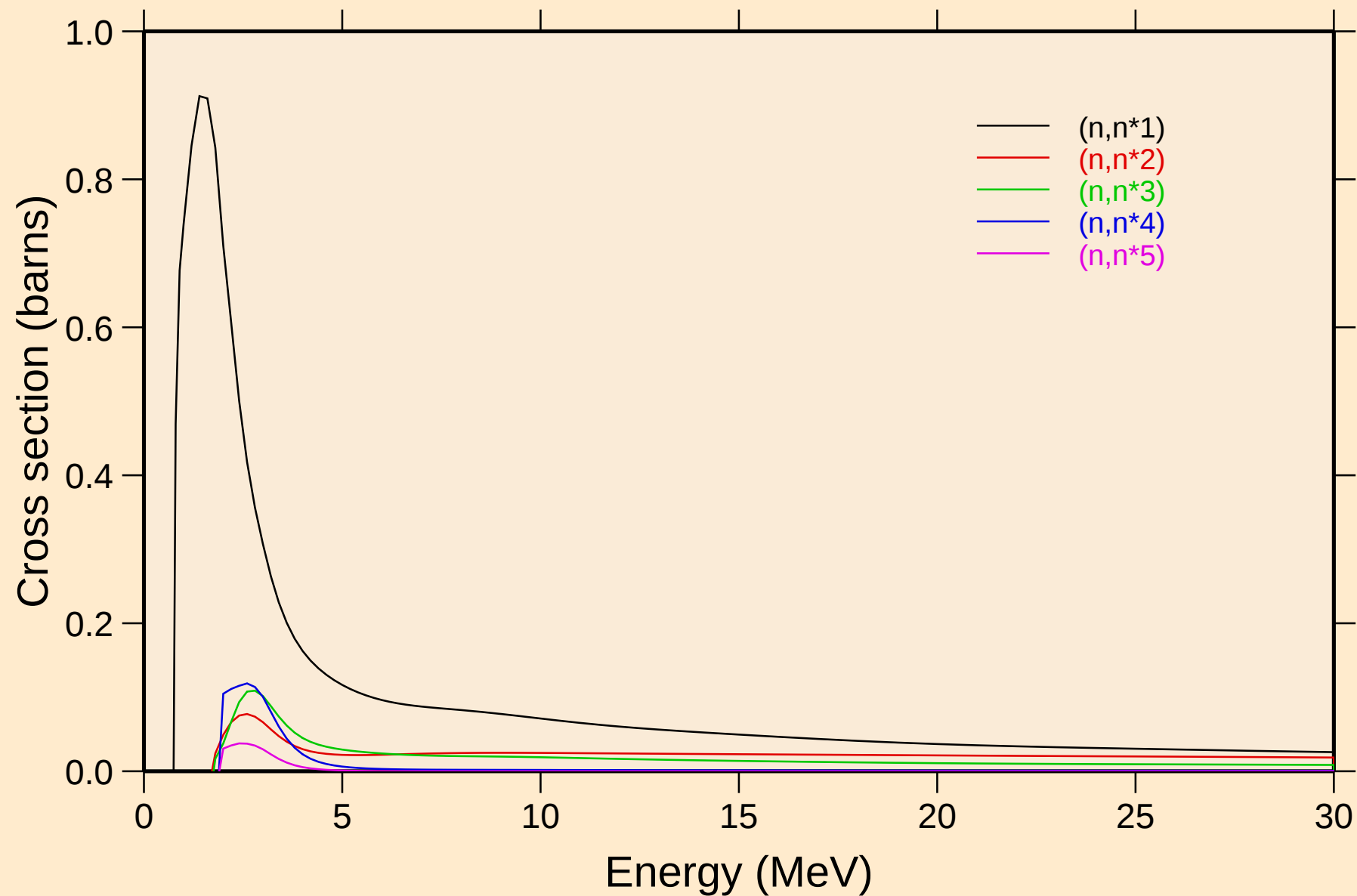
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

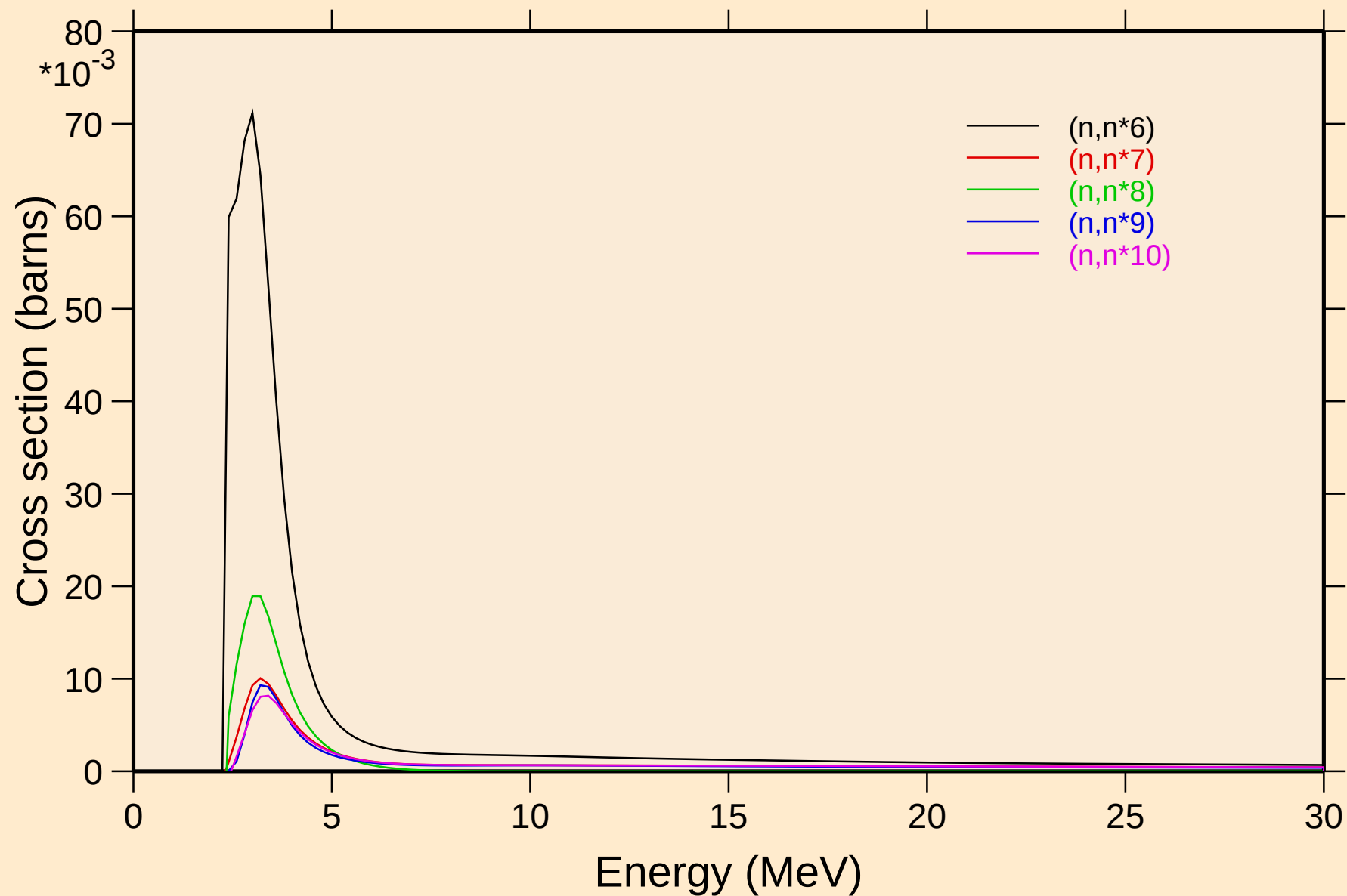


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



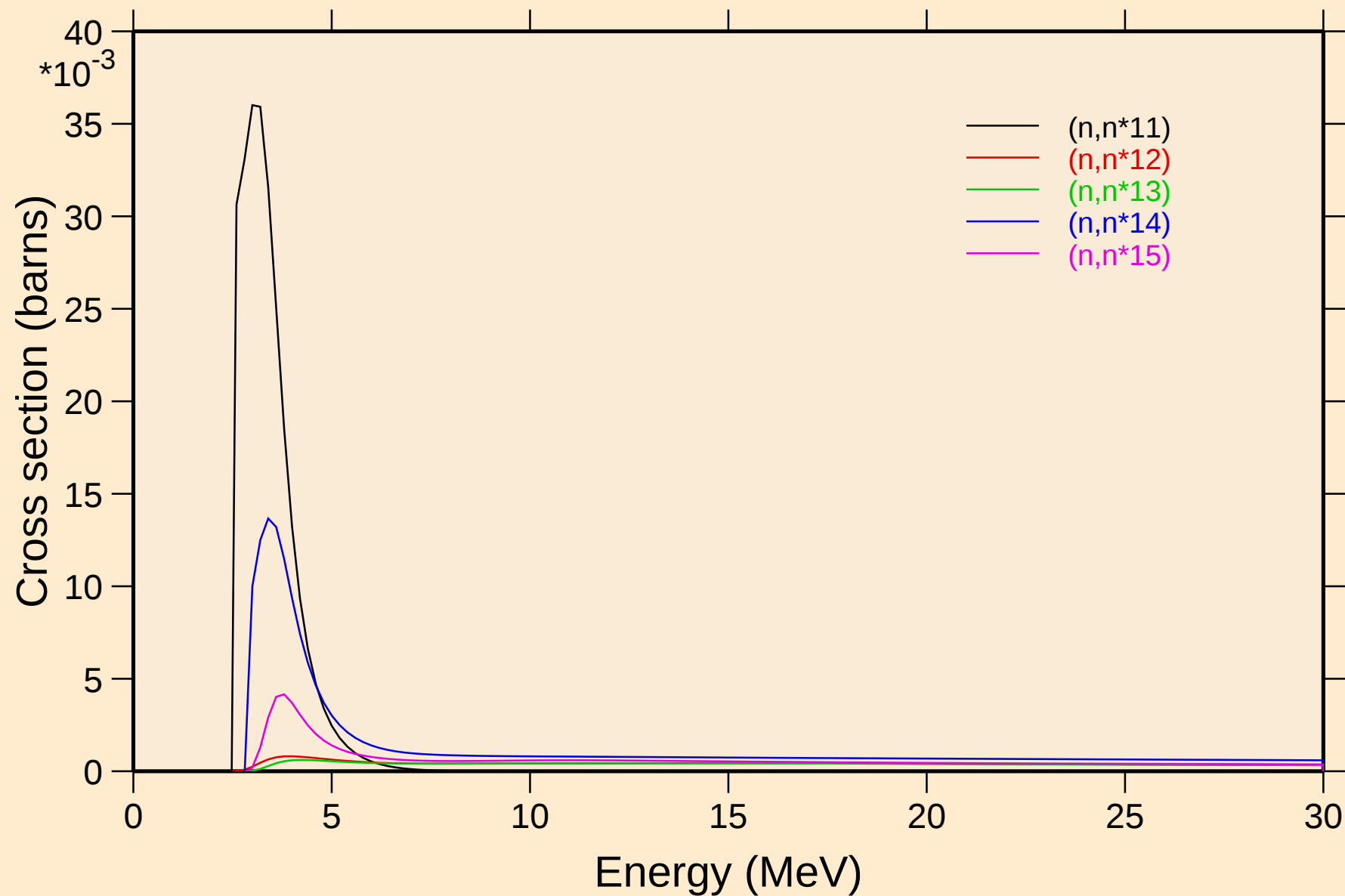
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



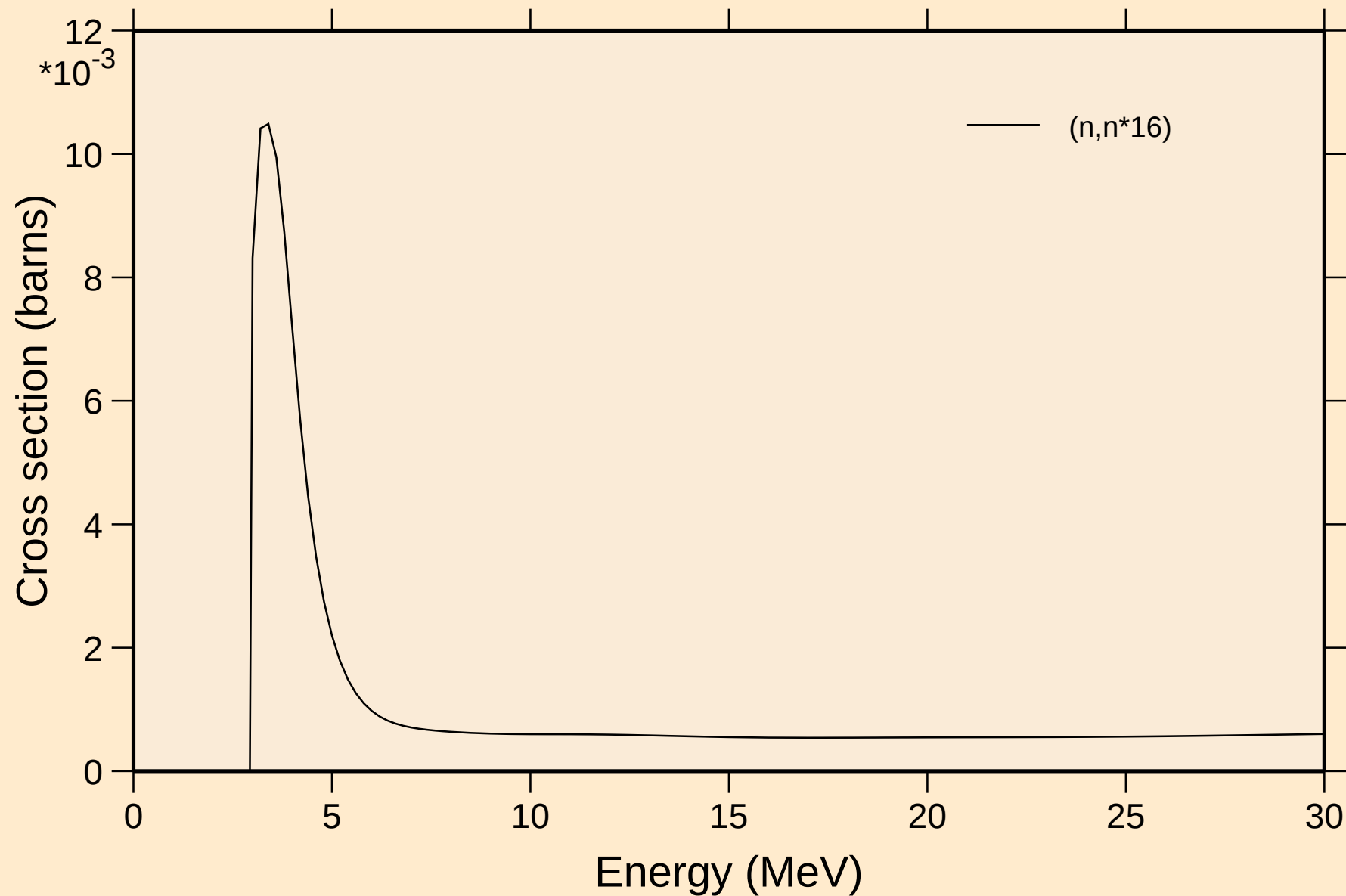
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



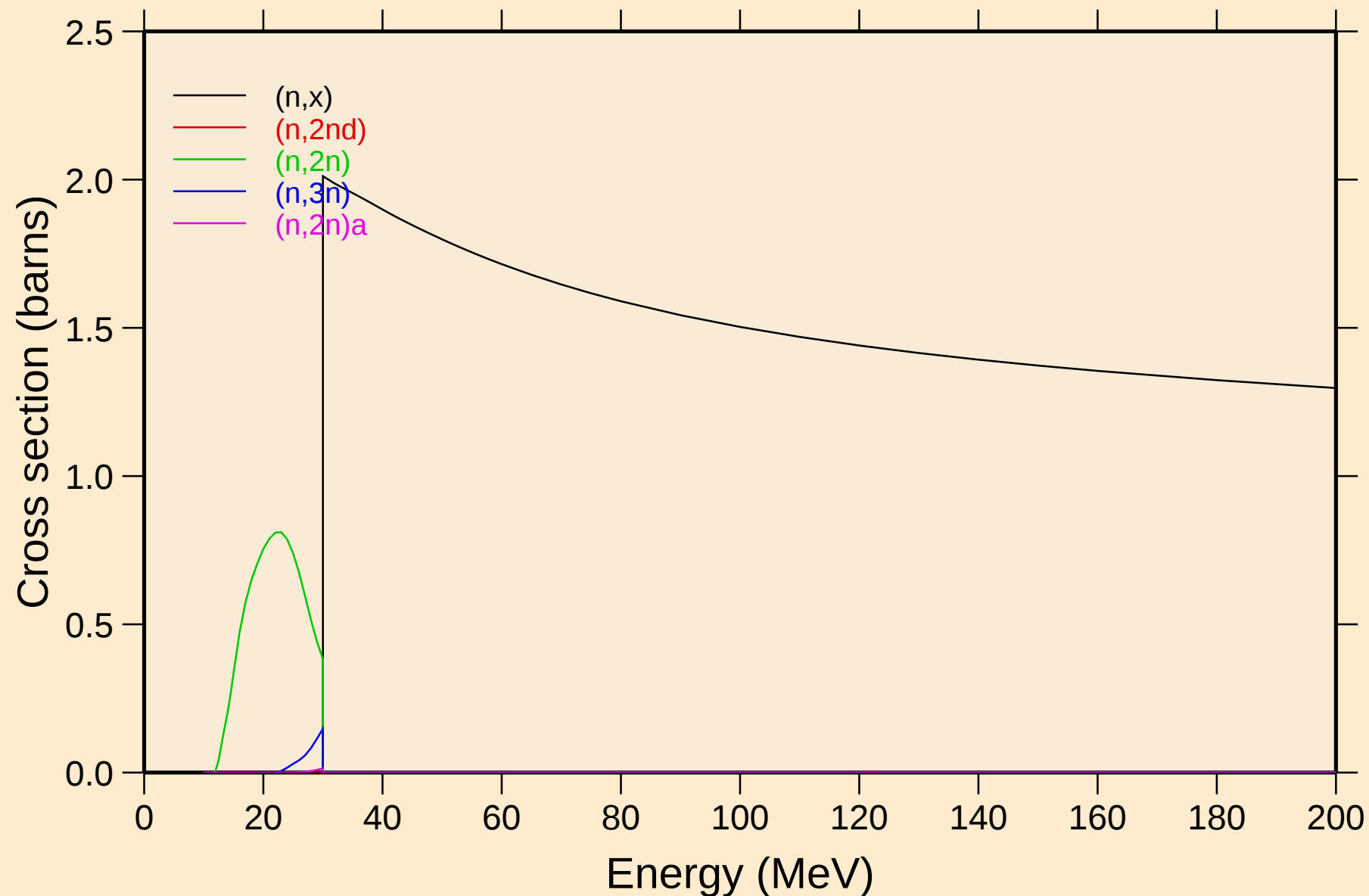
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



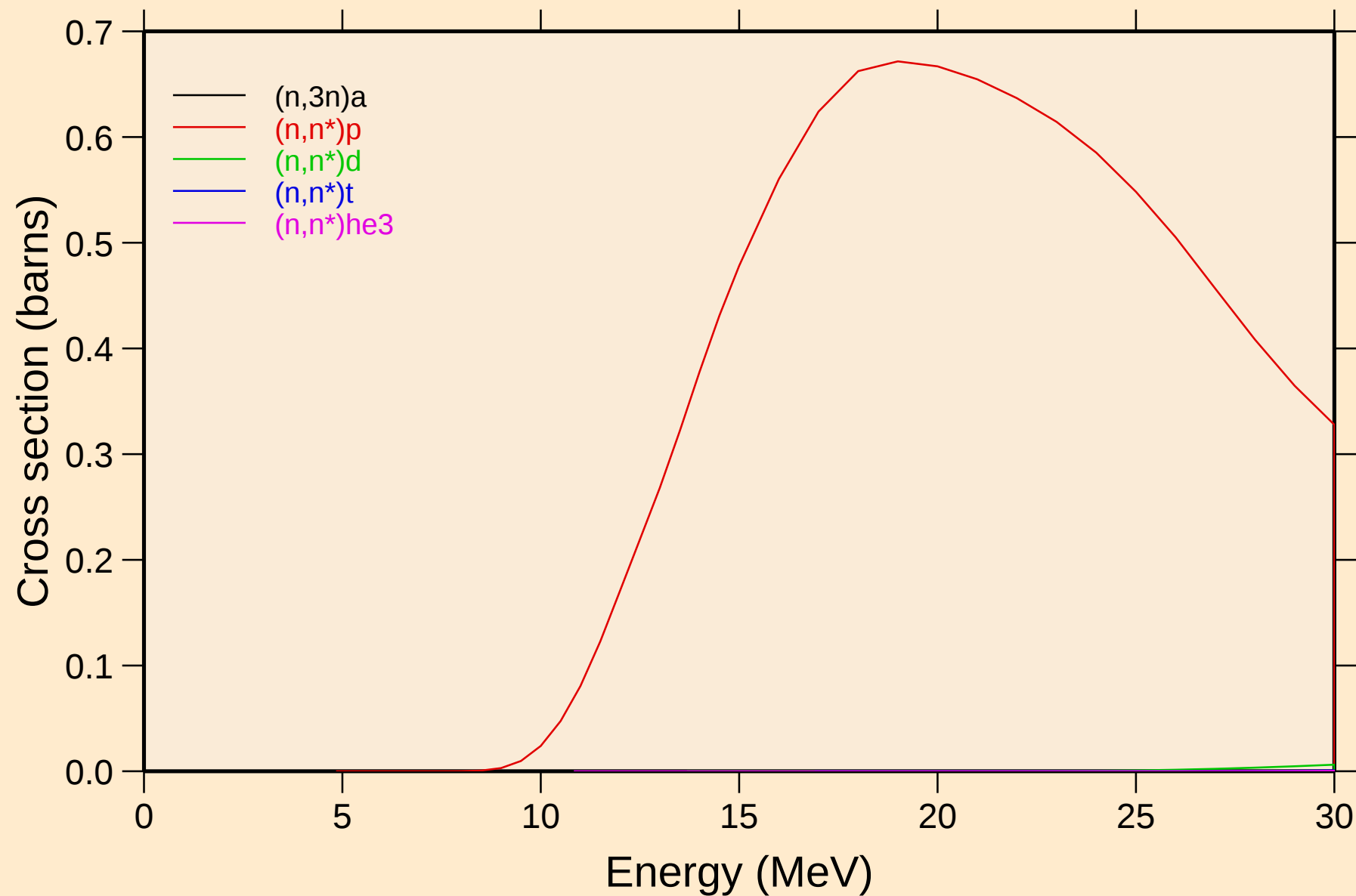
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

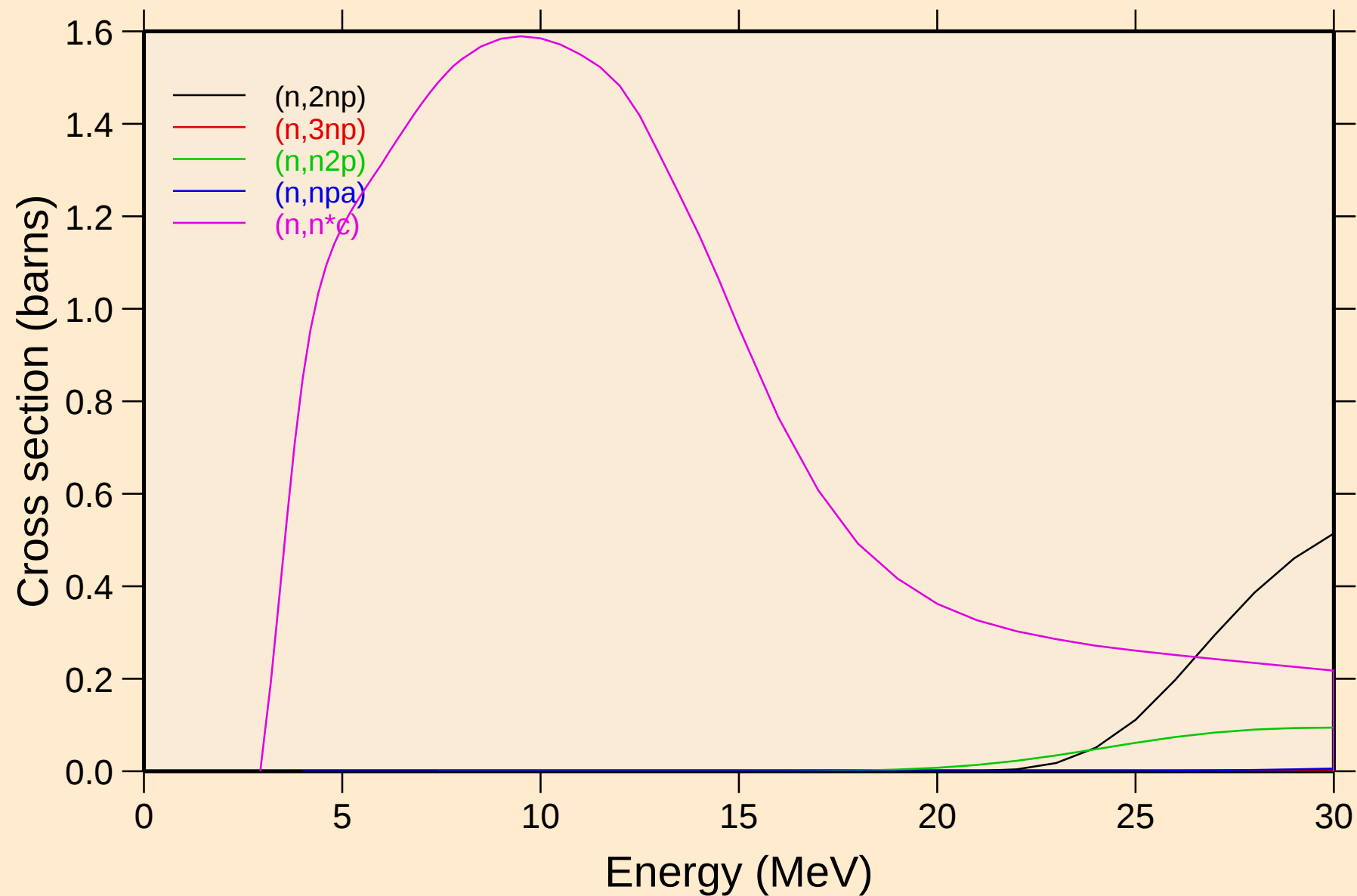


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

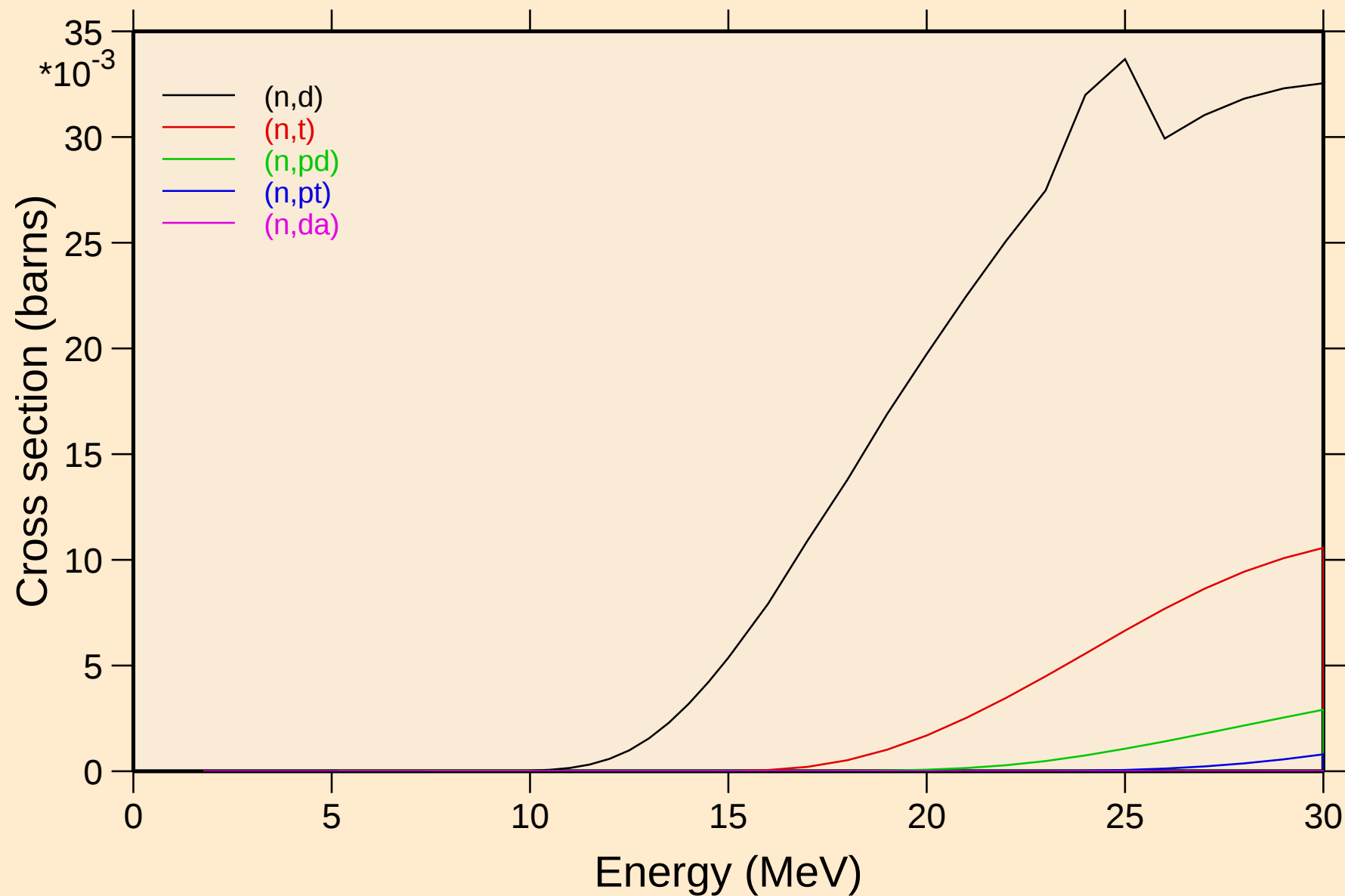
Threshold reactions



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

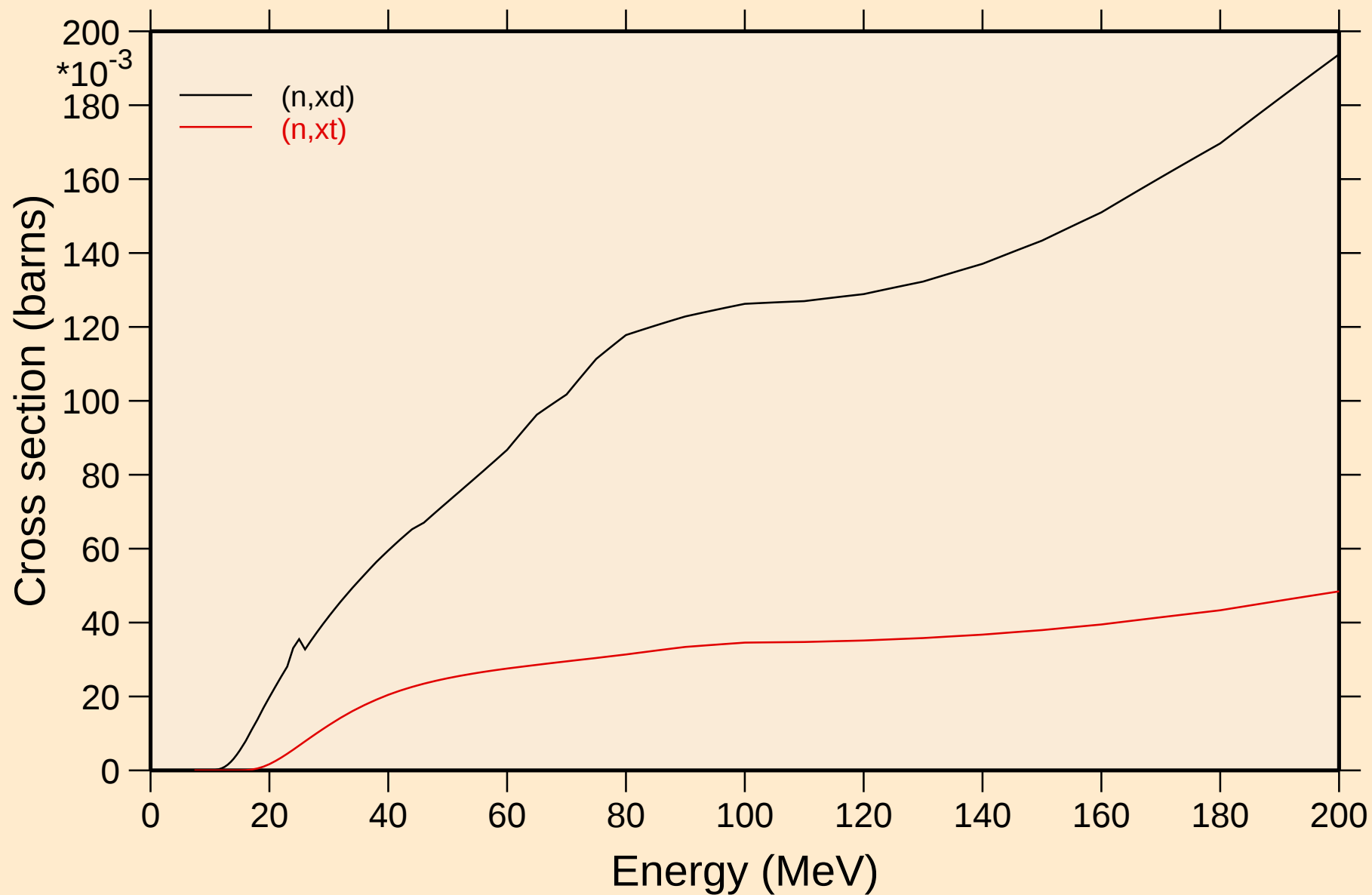


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

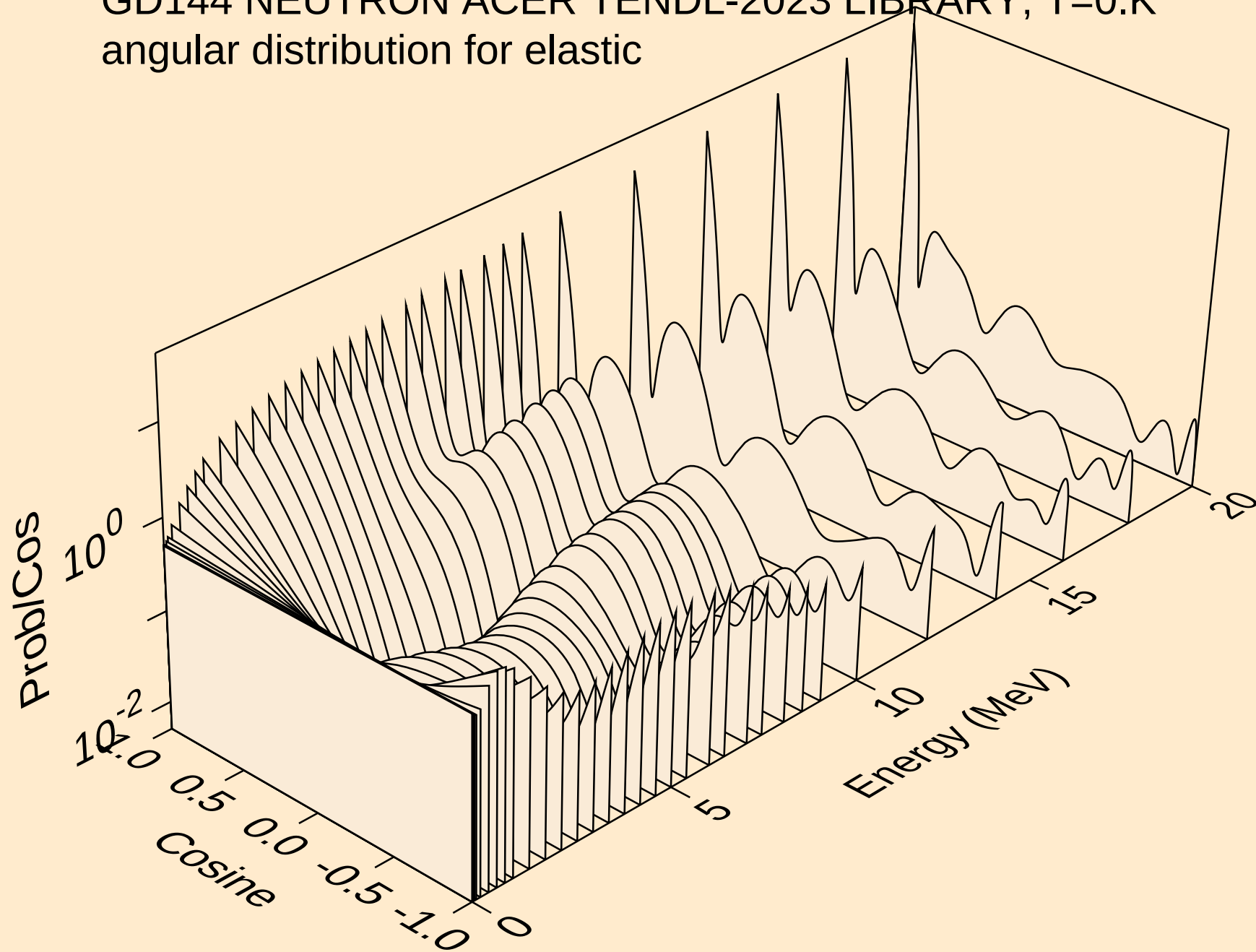


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

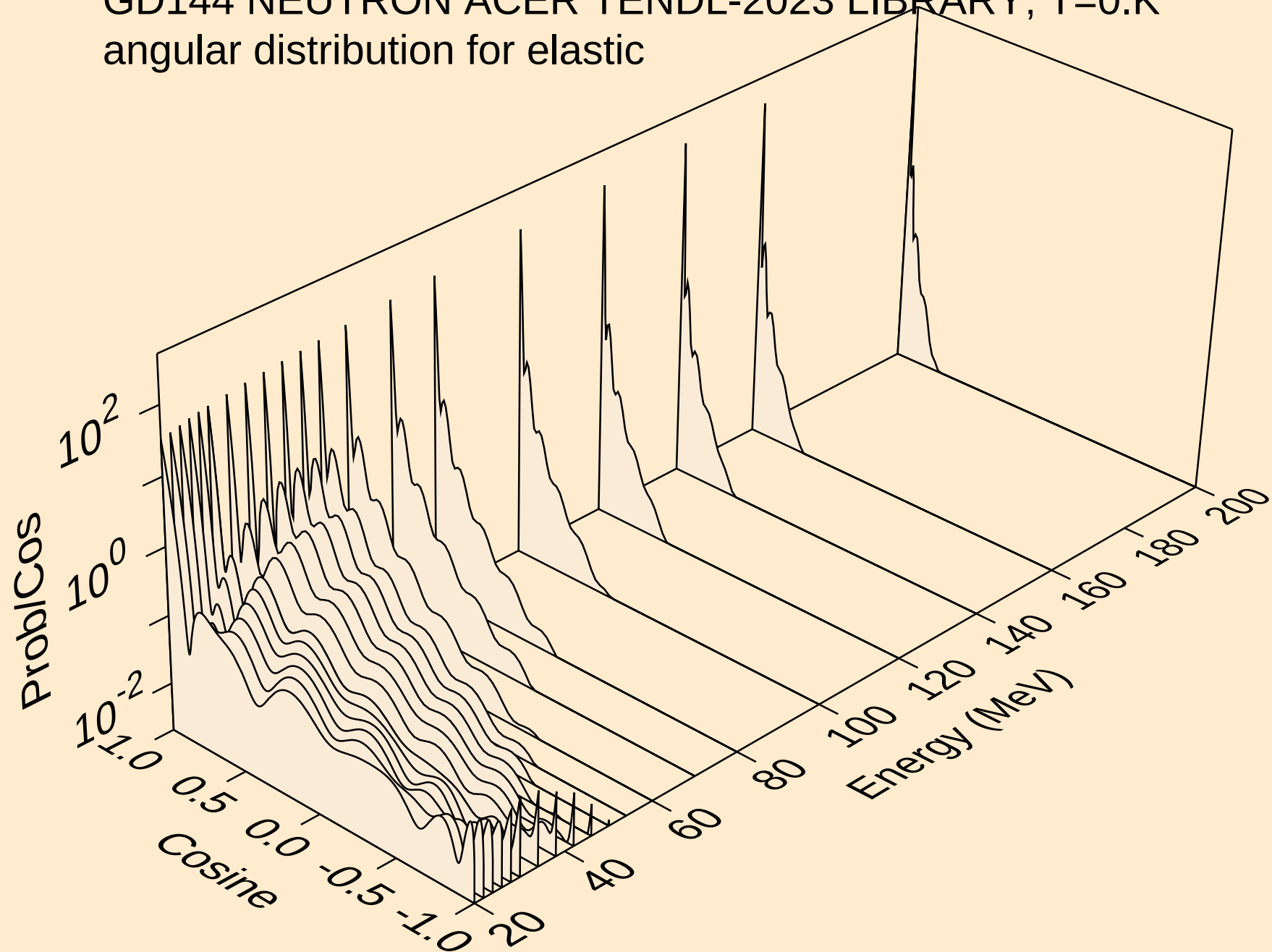
Threshold reactions



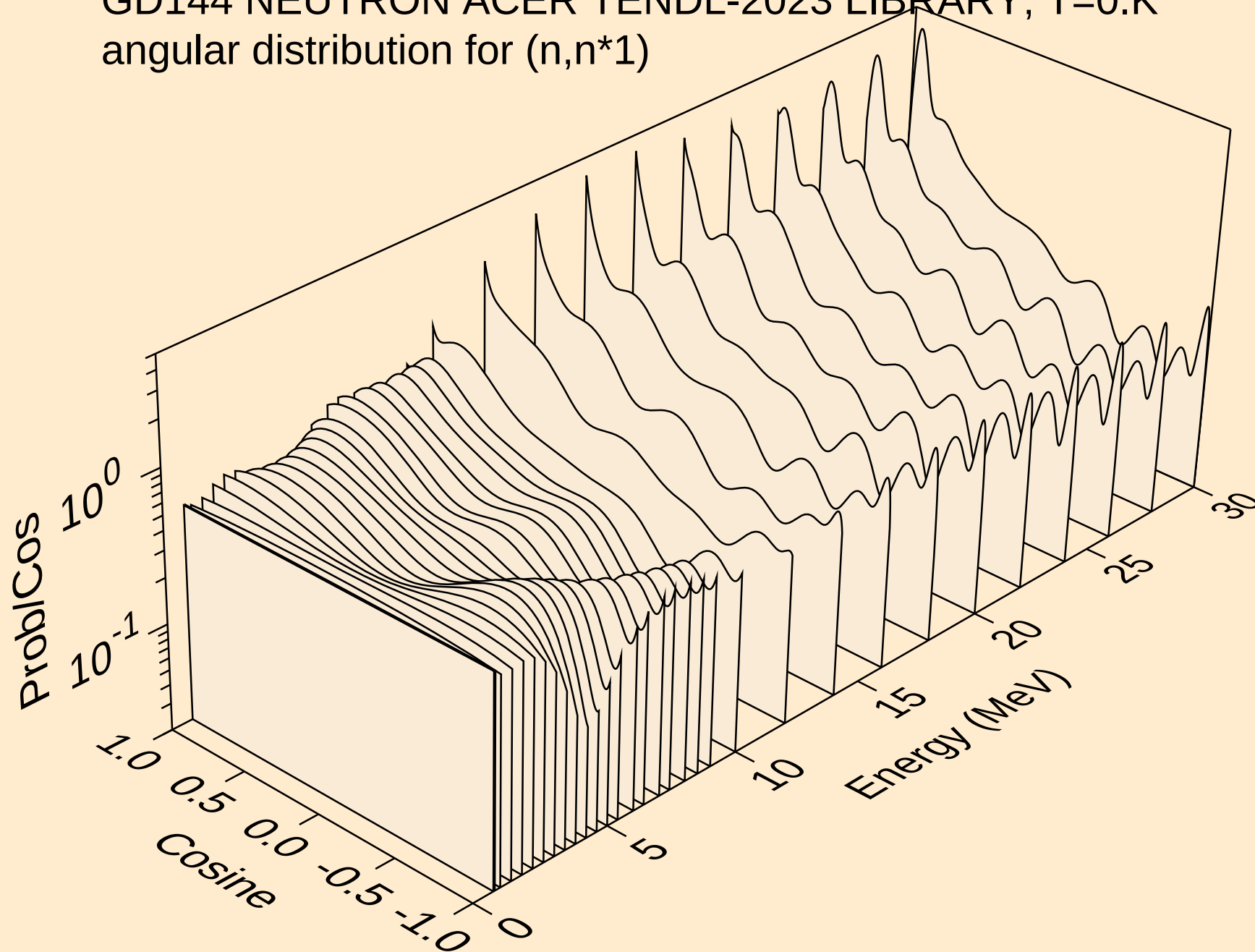
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



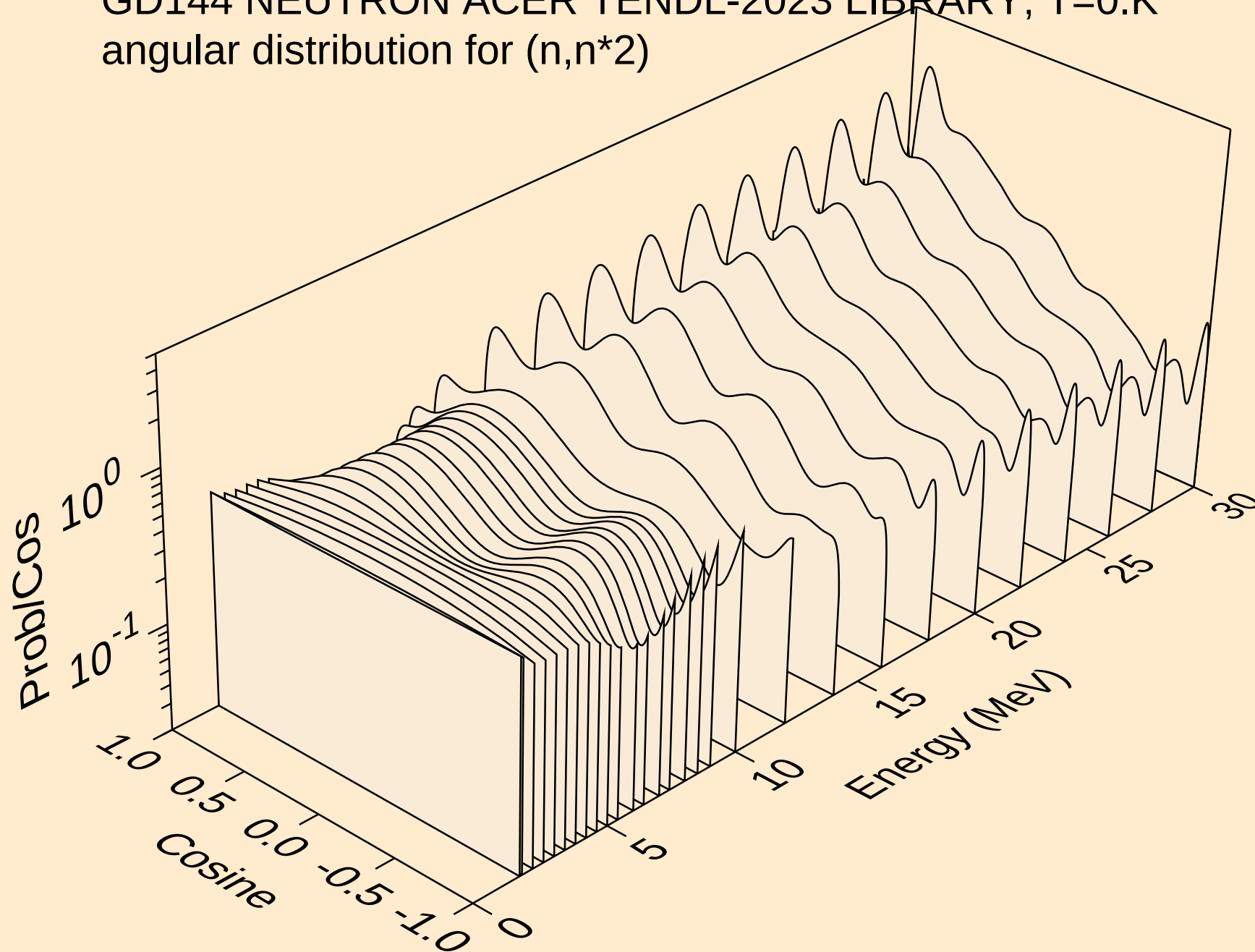
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



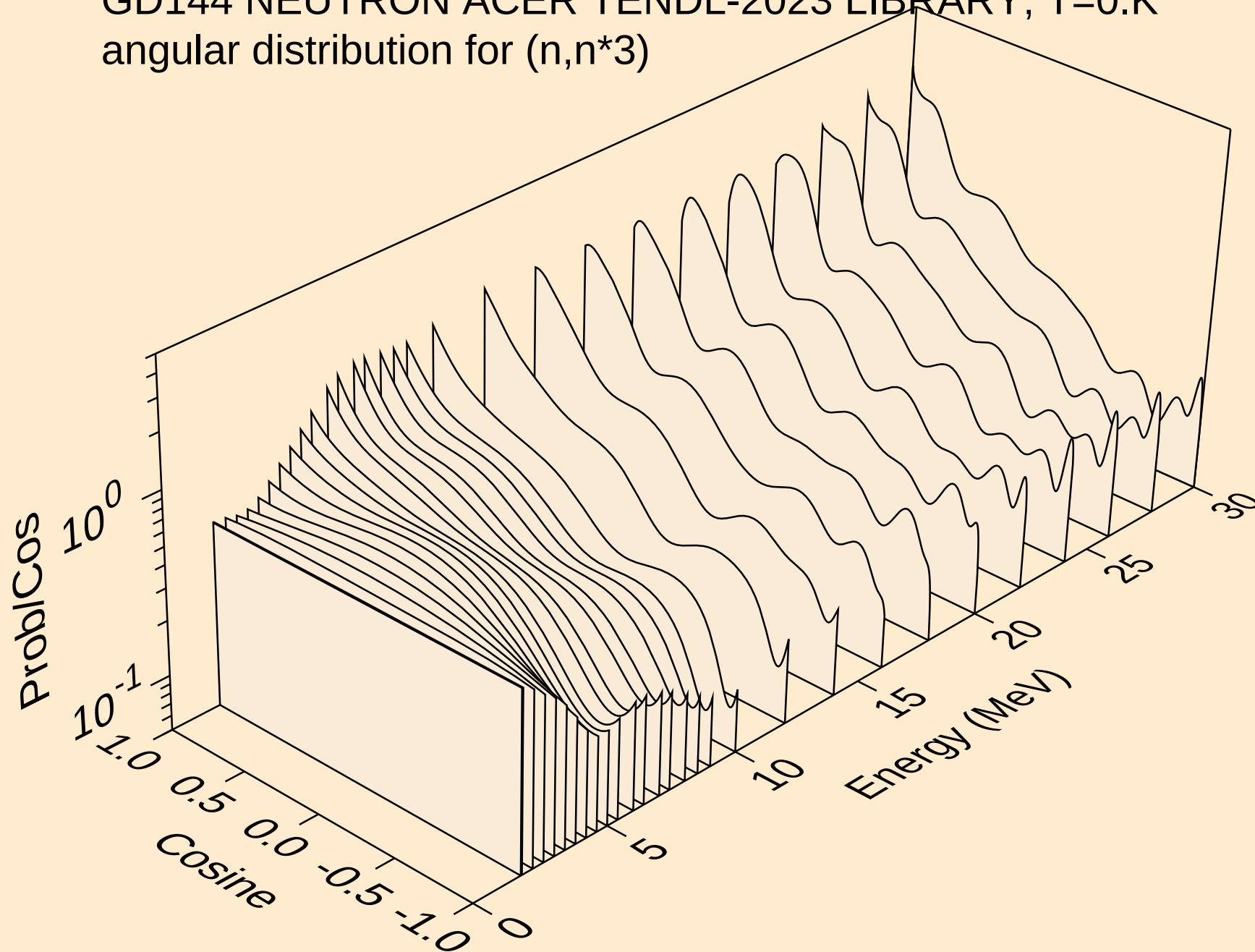
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



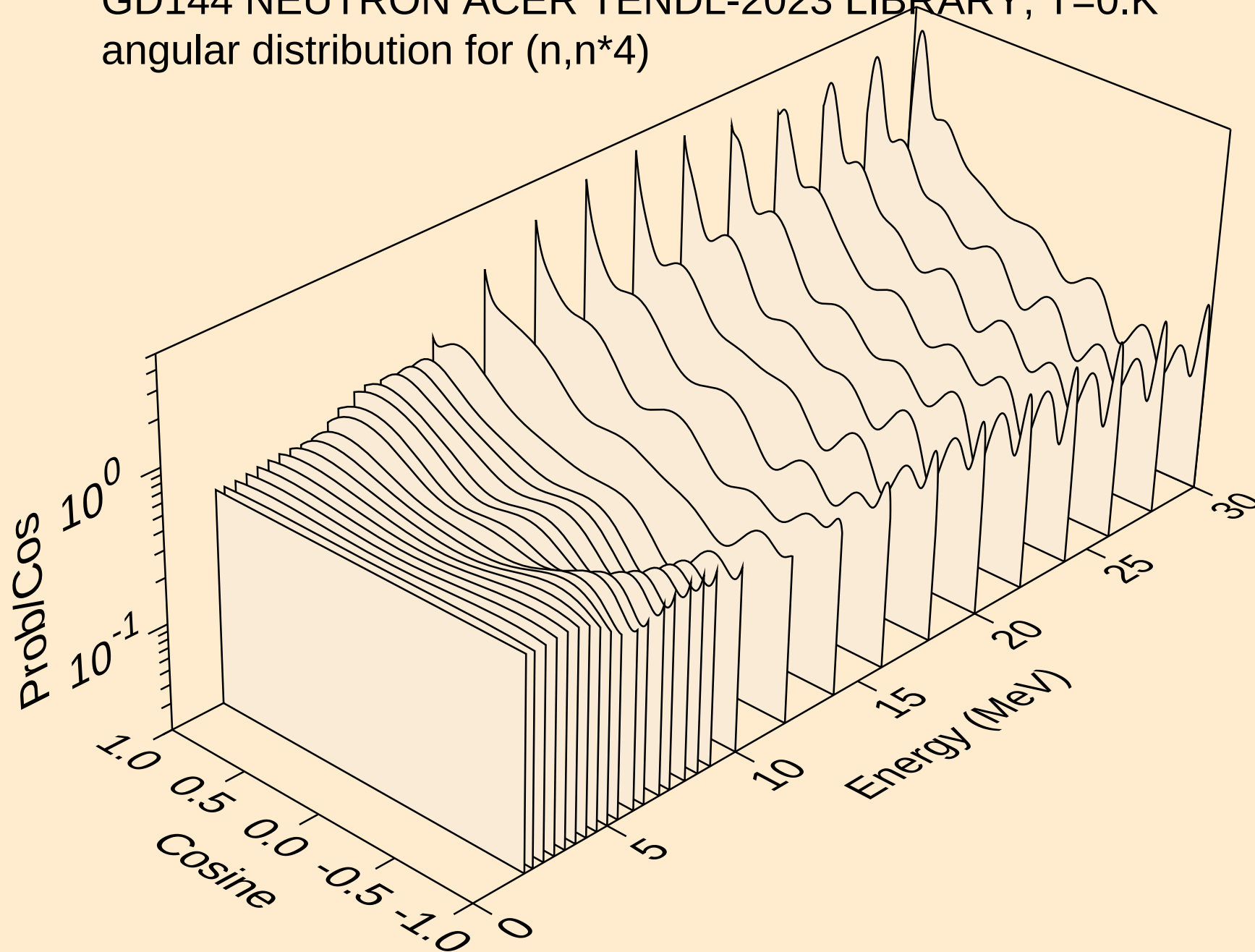
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



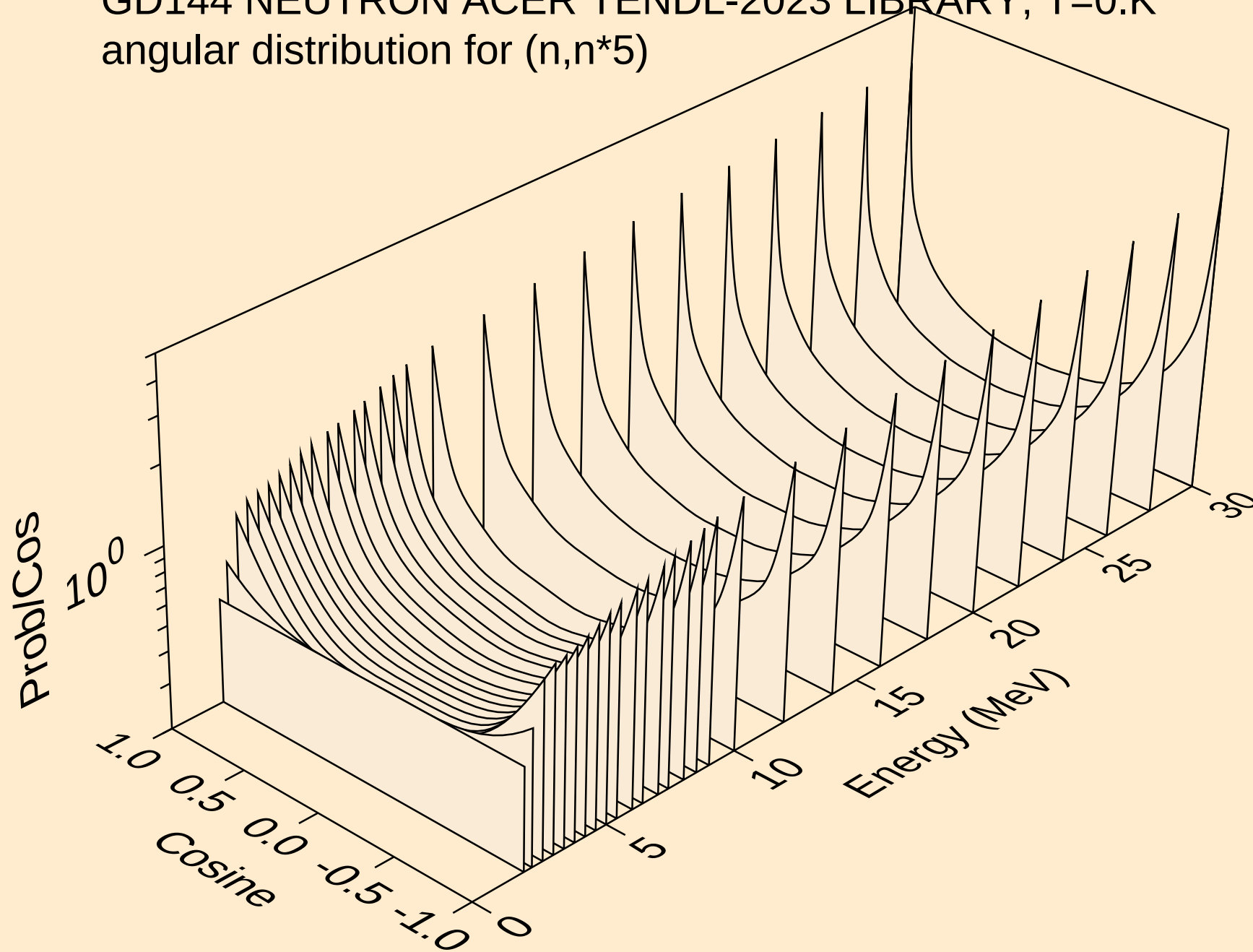
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



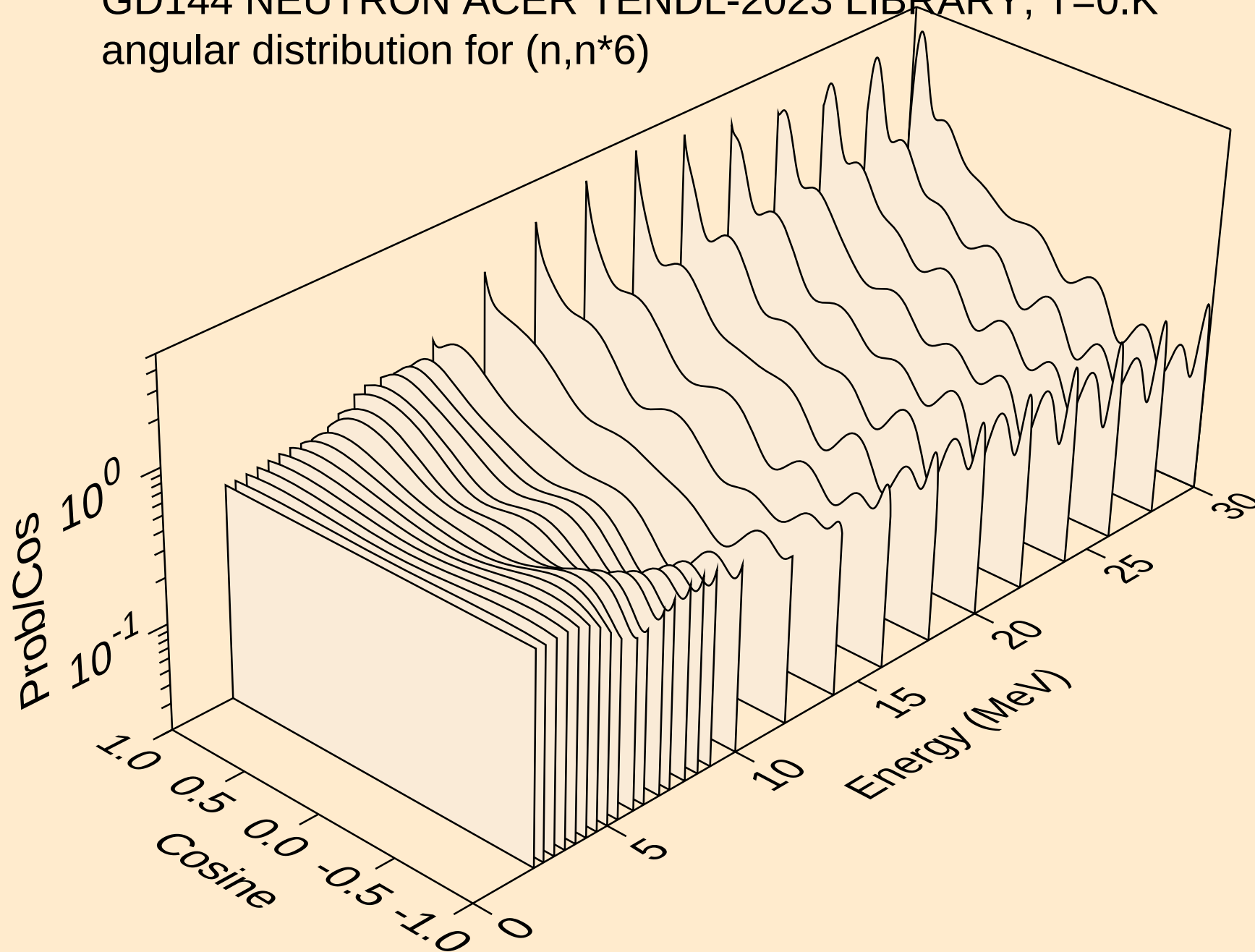
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



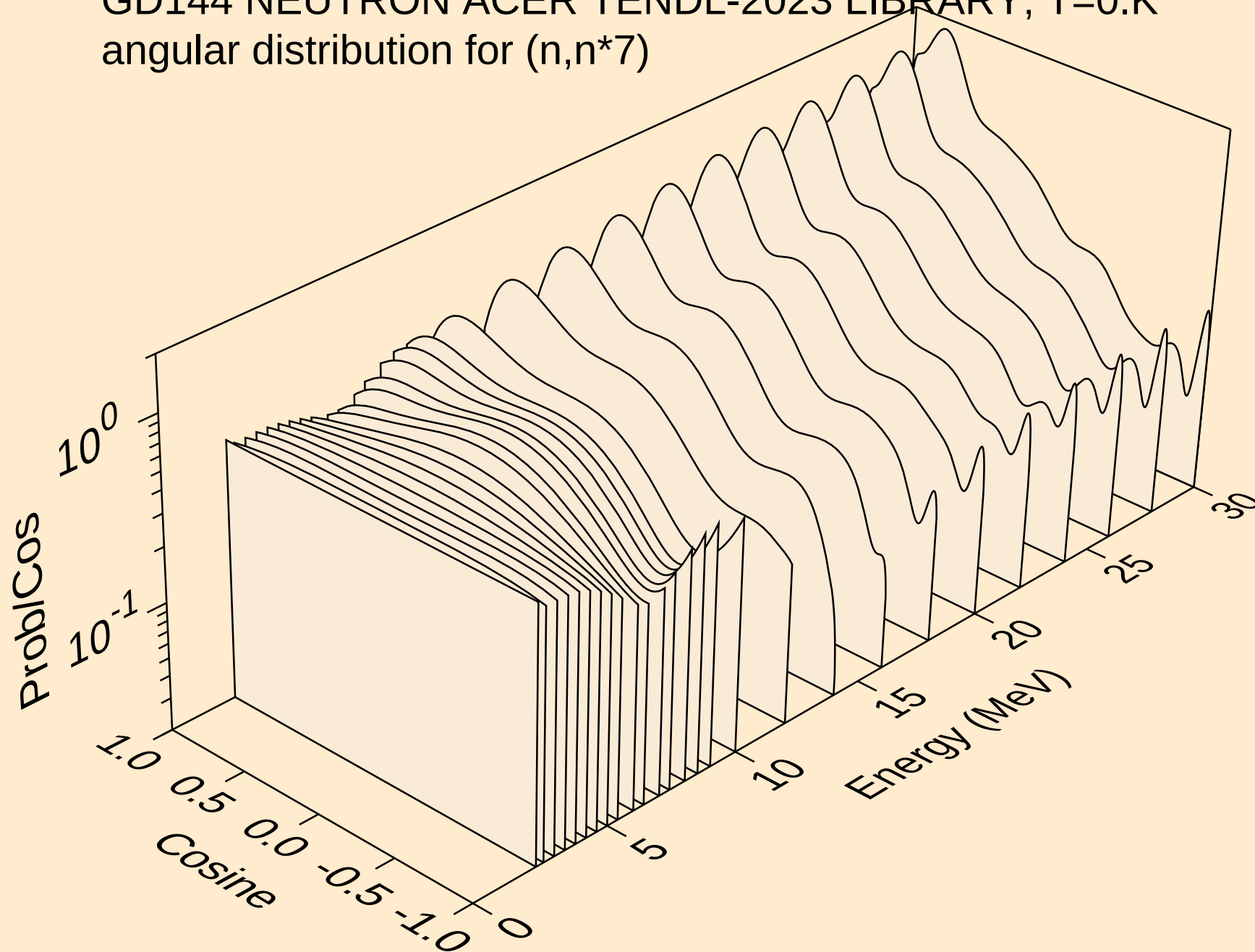
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



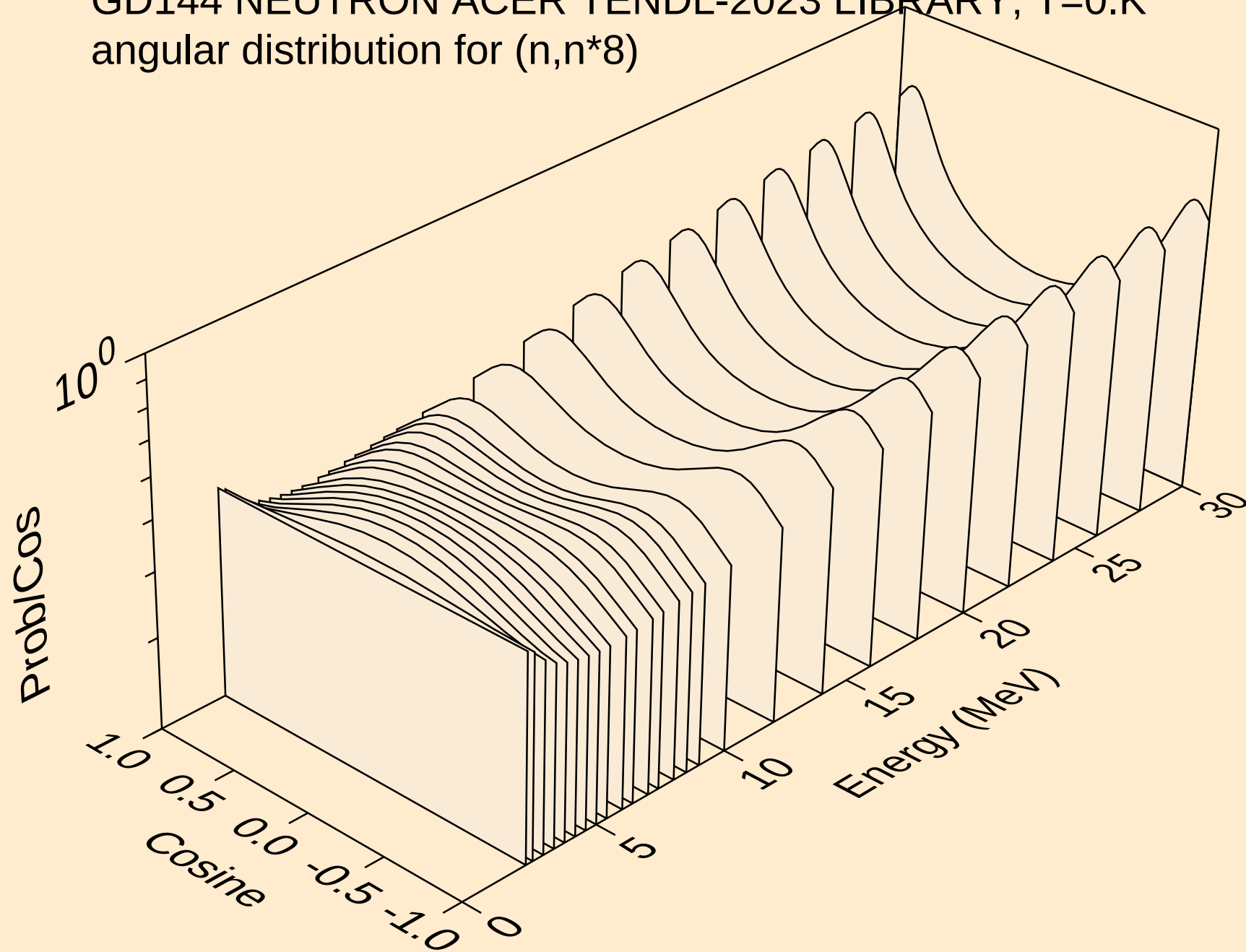
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
angular distribution for (n,n*6)



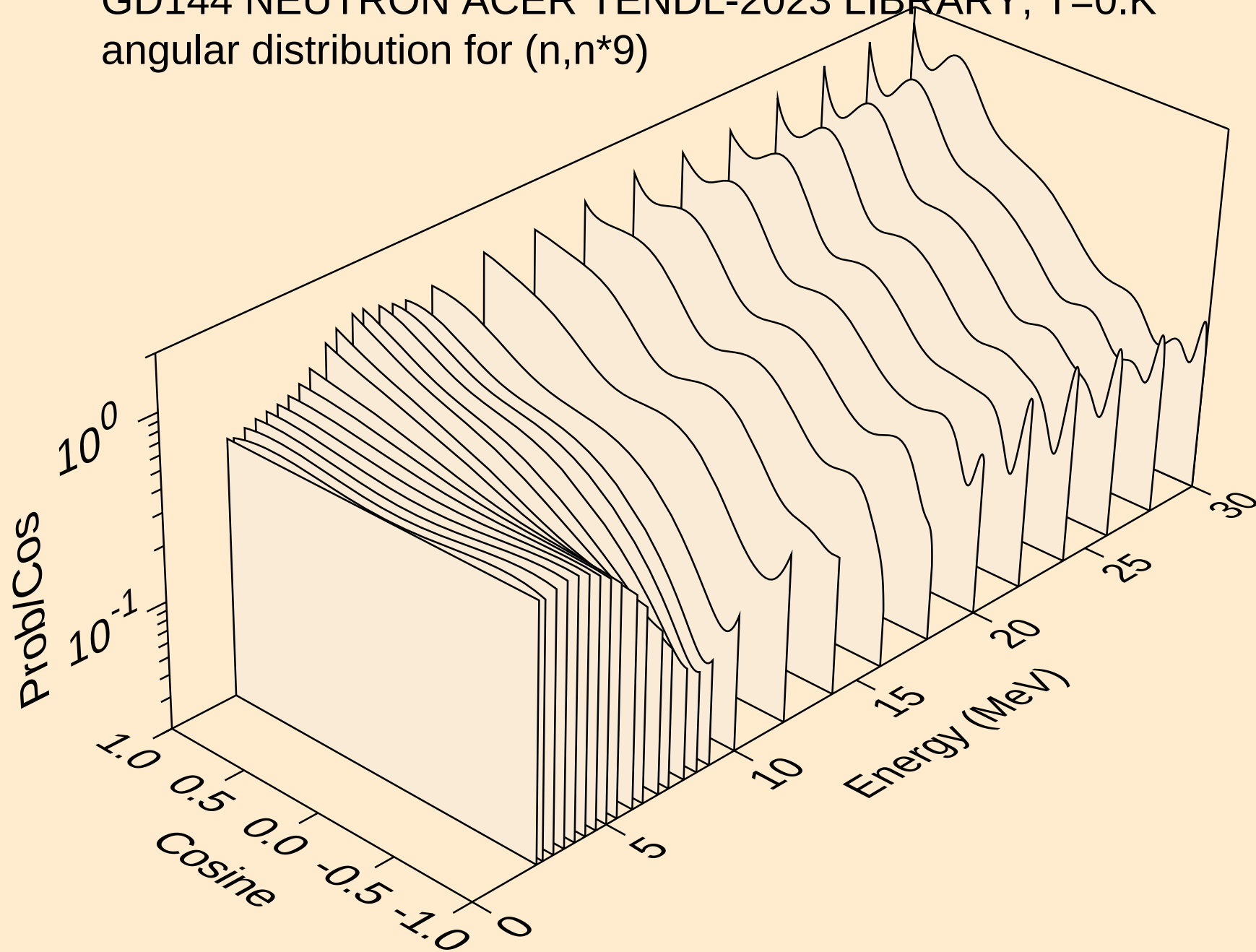
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



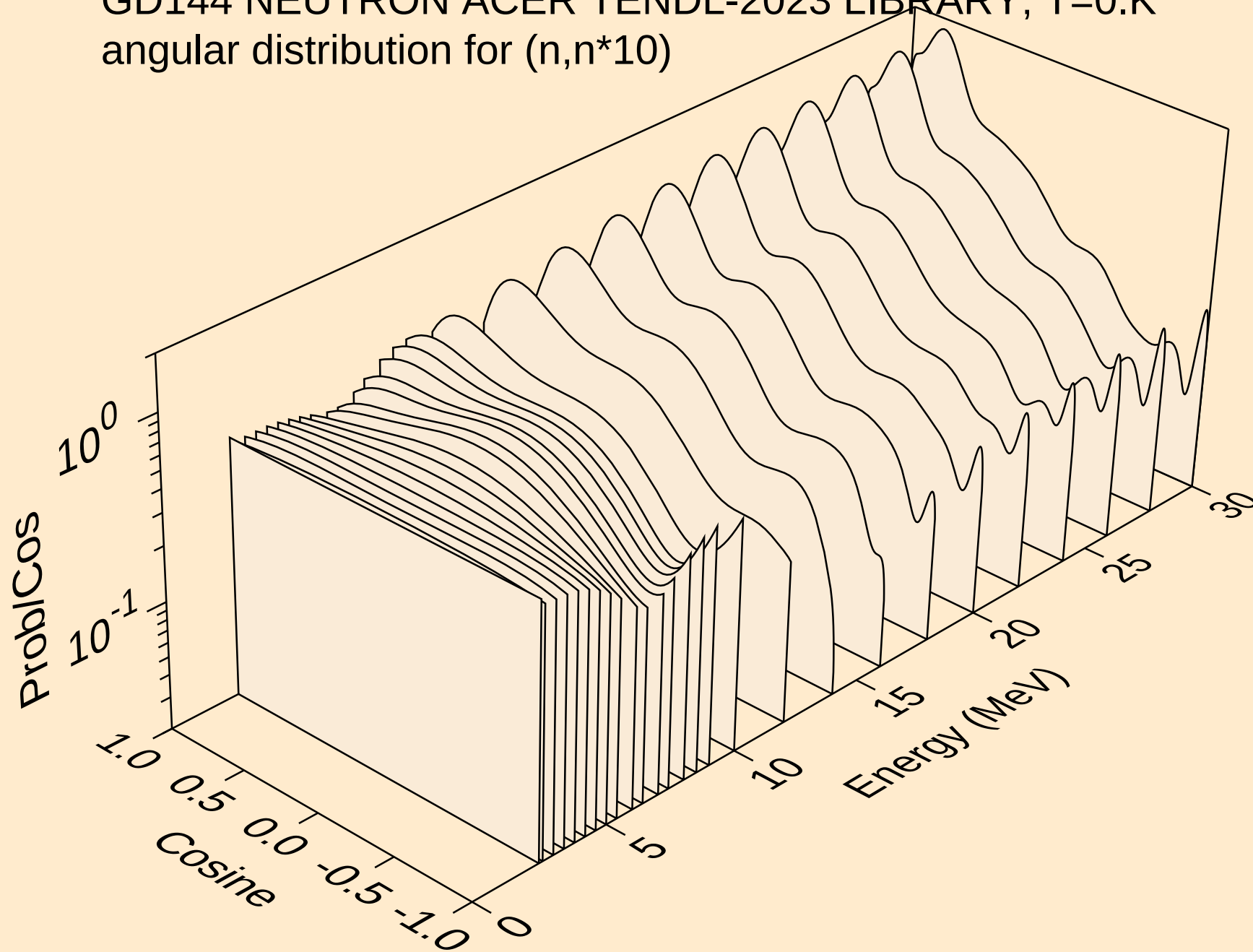
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



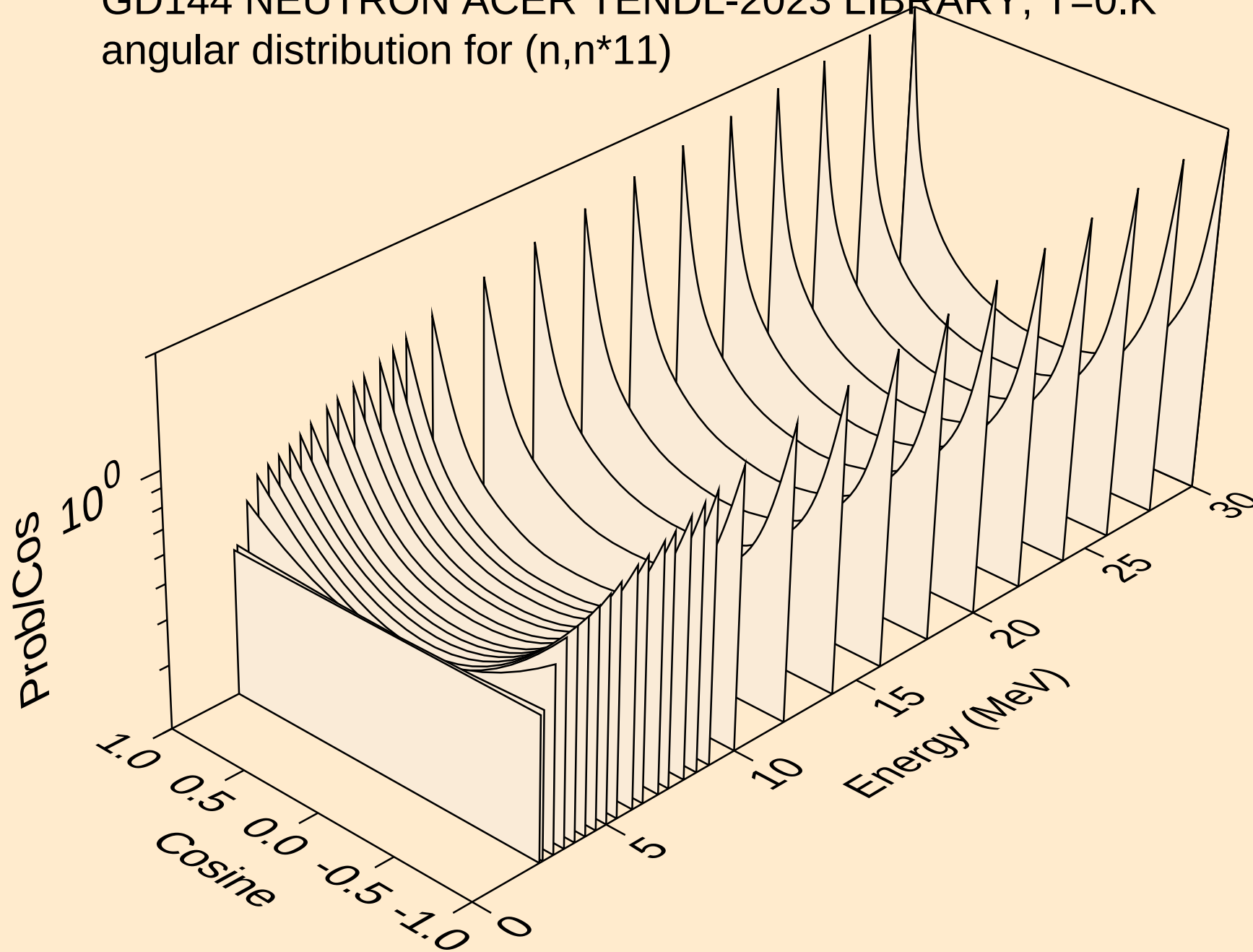
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



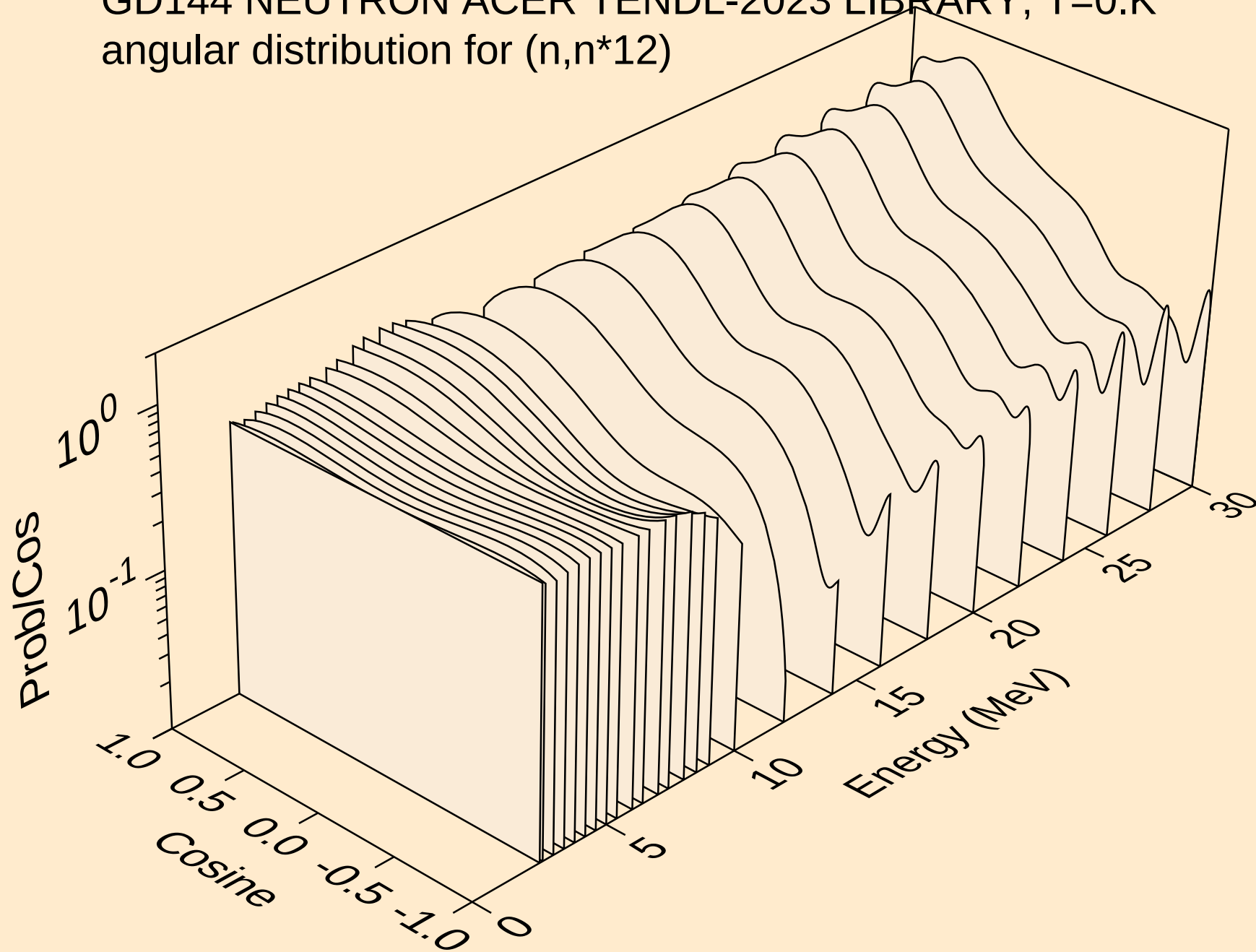
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



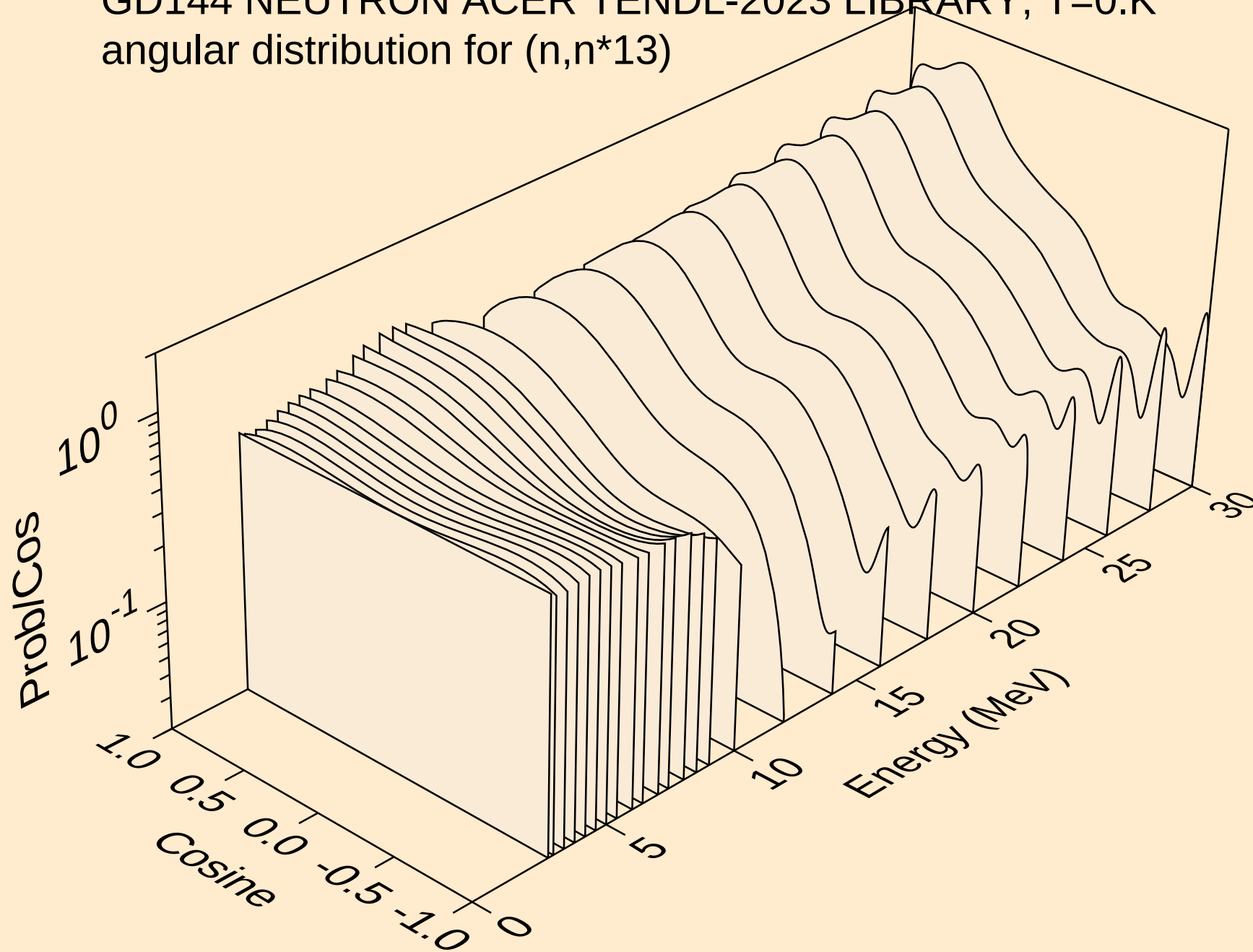
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



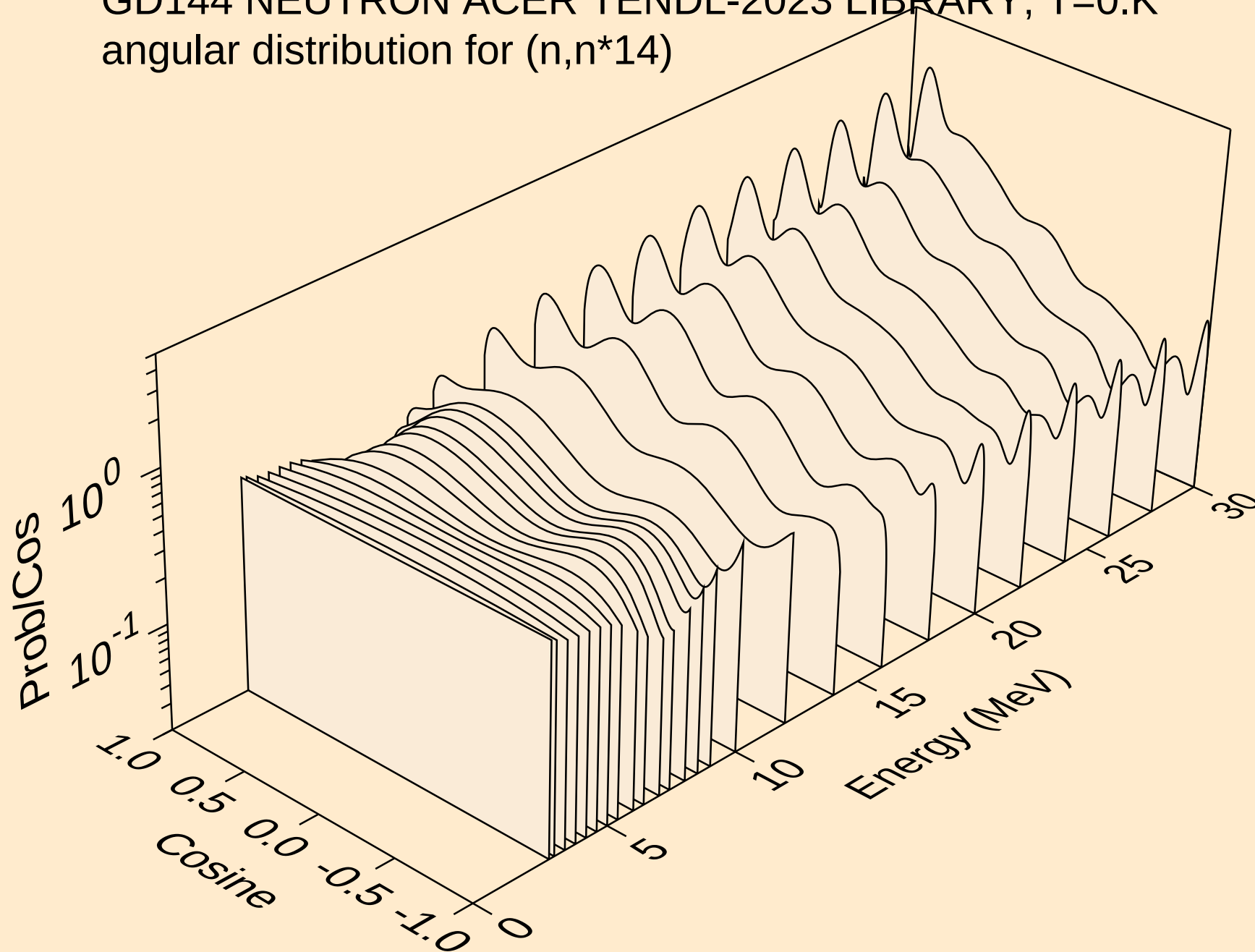
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



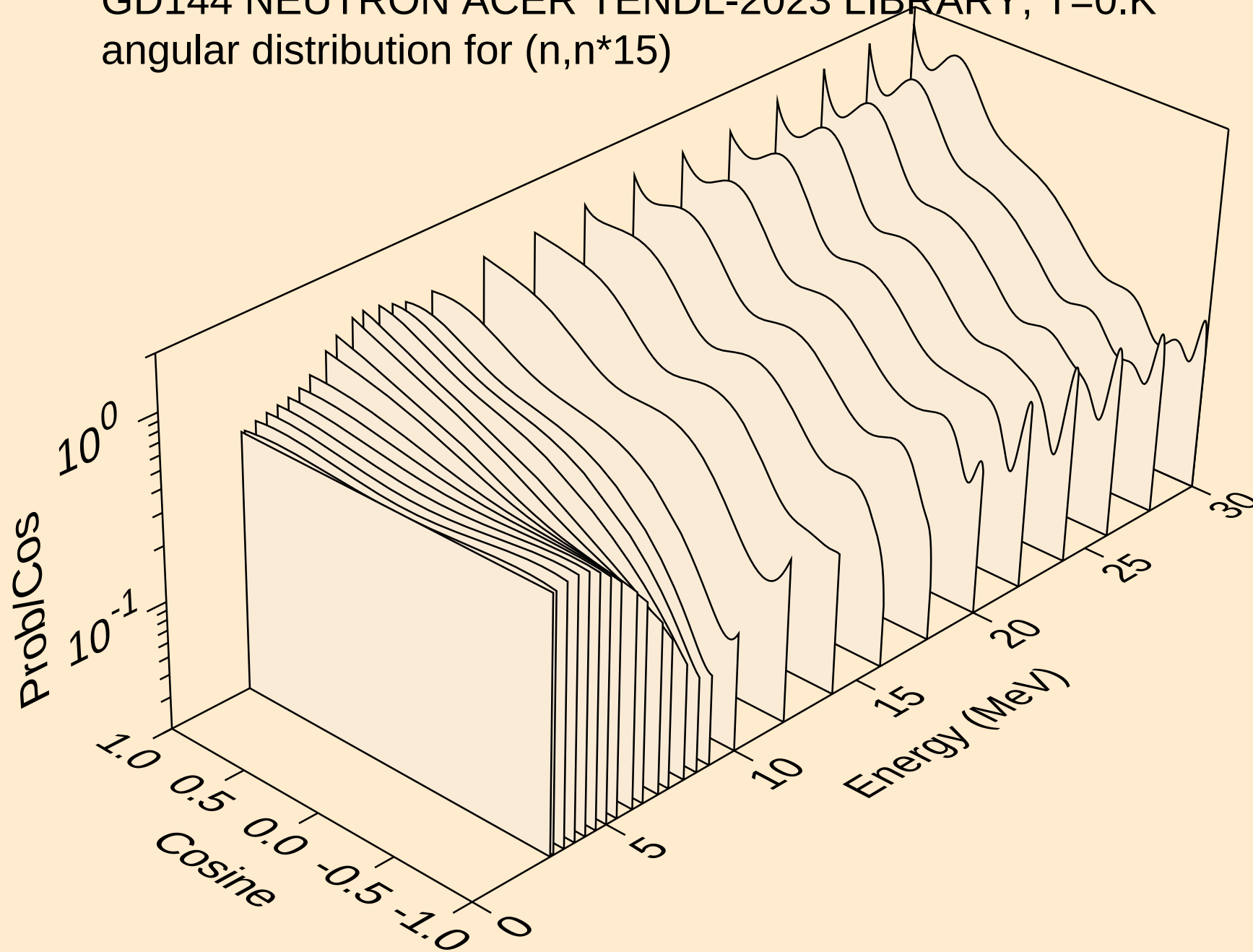
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



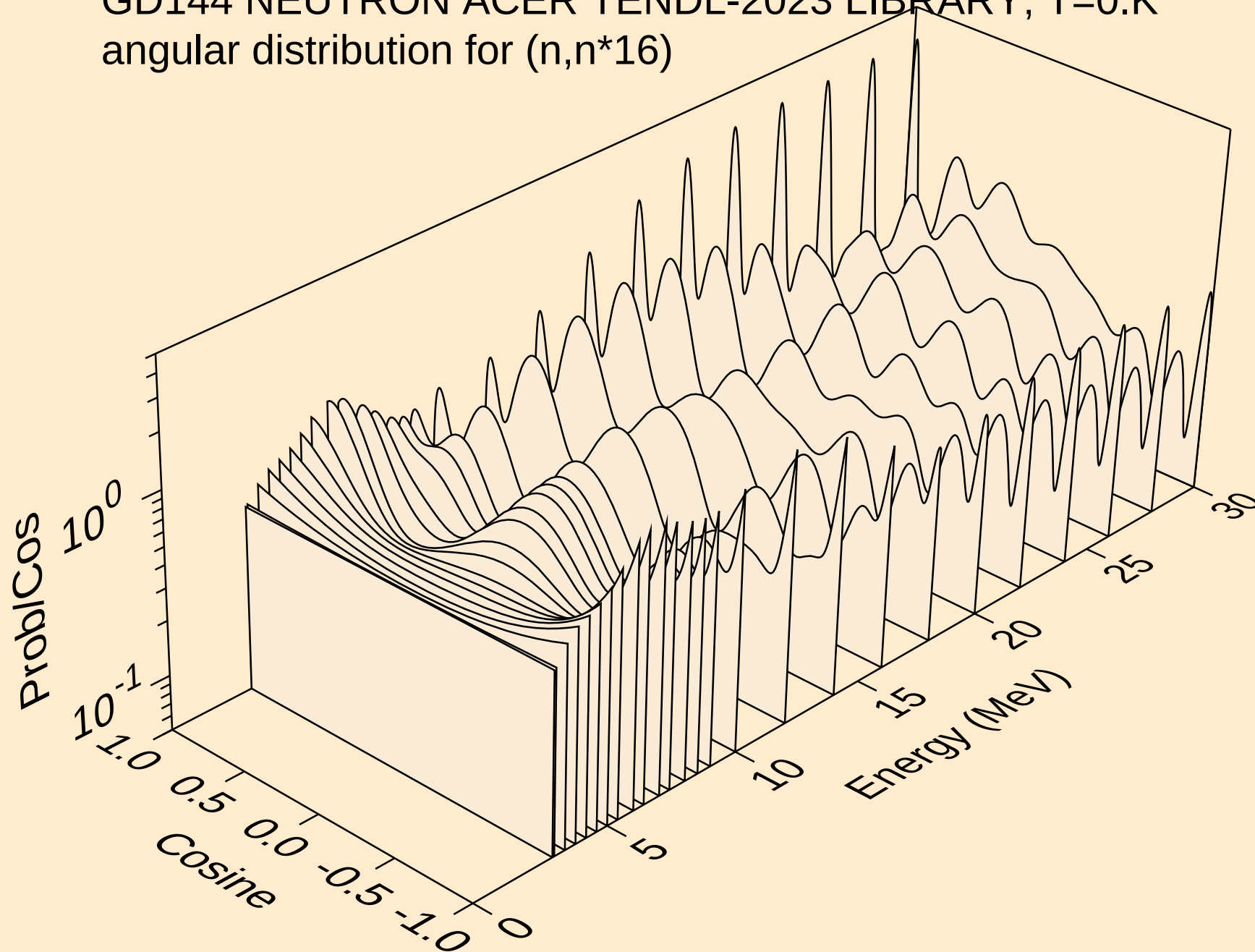
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



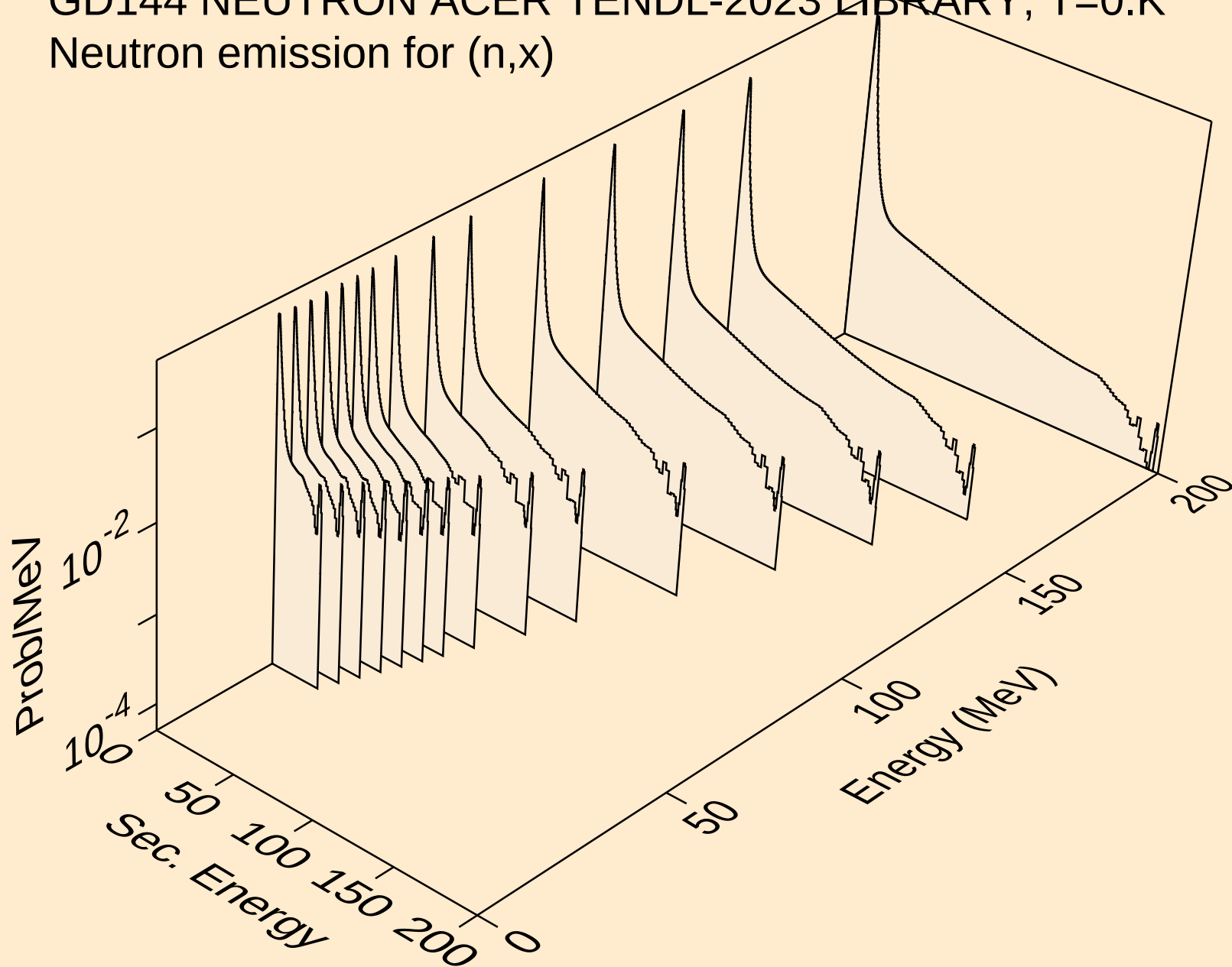
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



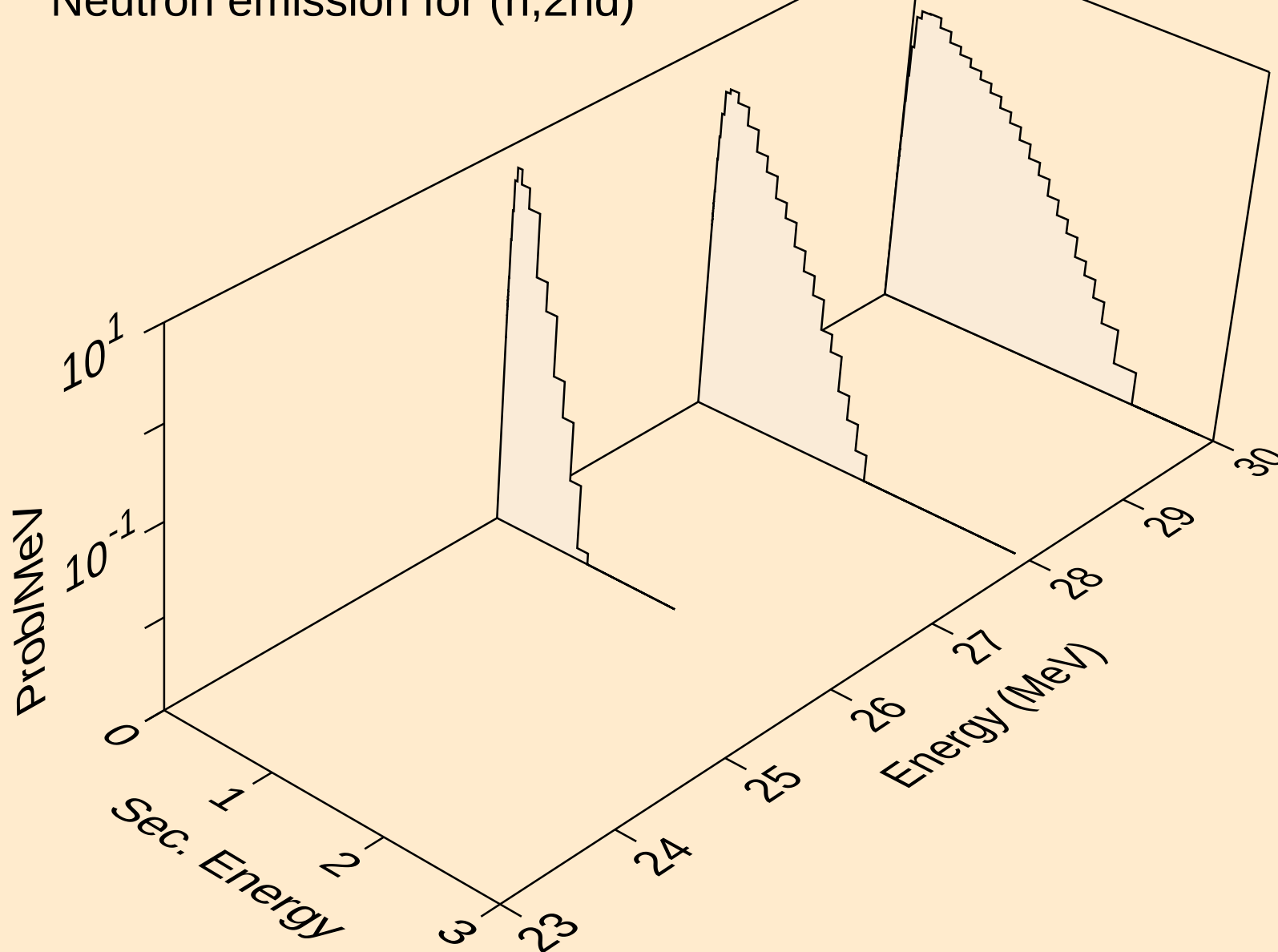
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



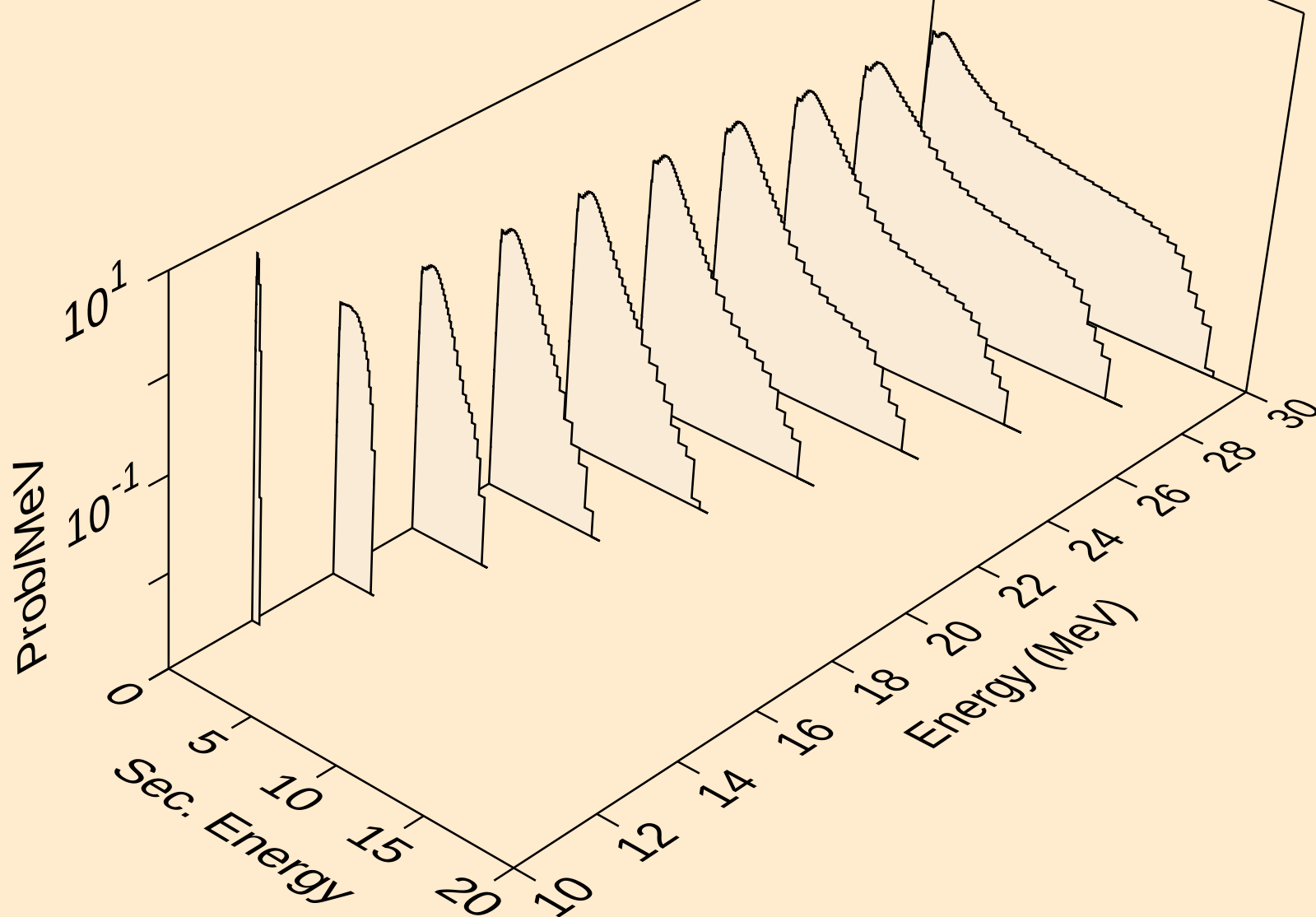
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



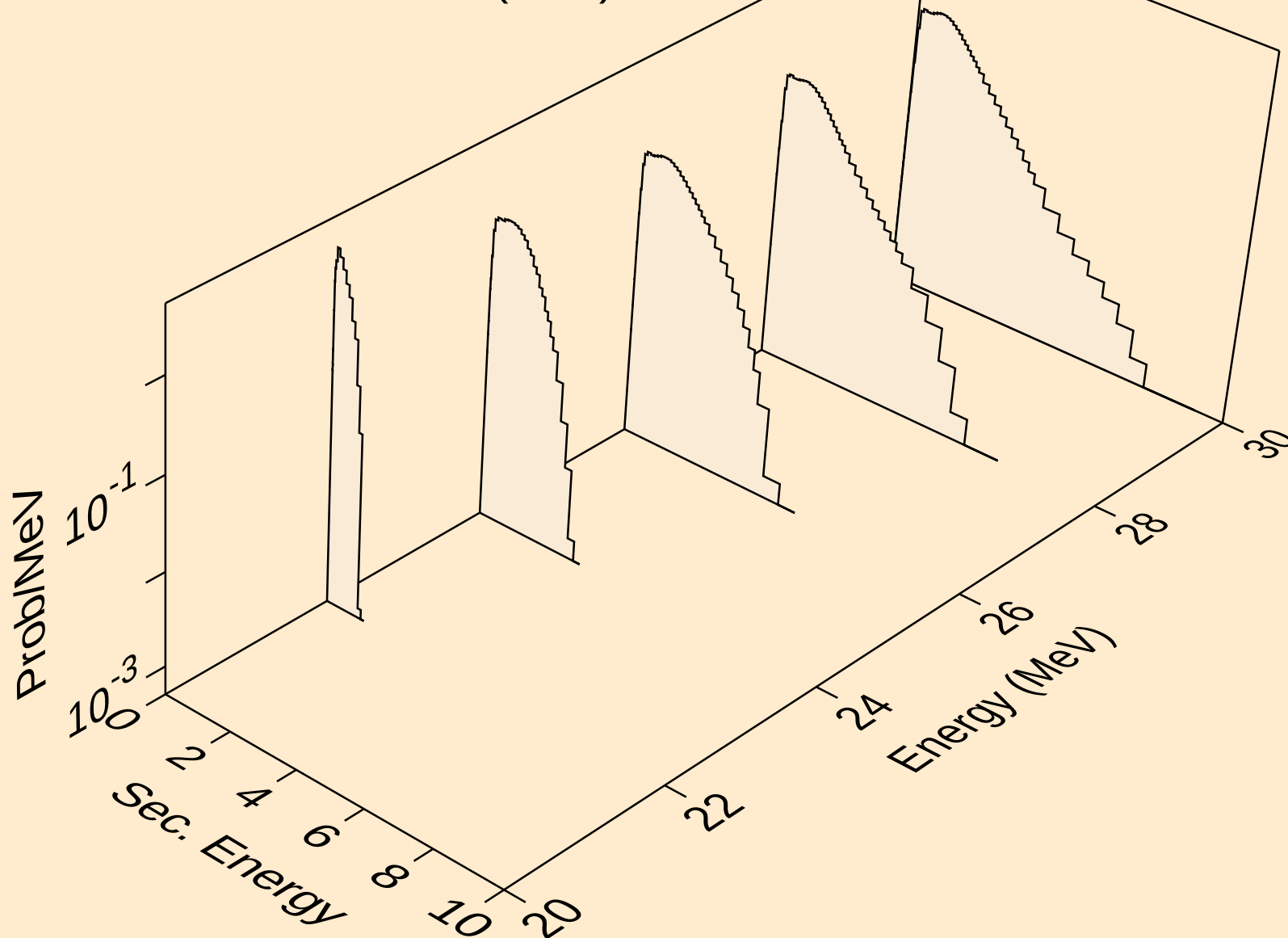
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



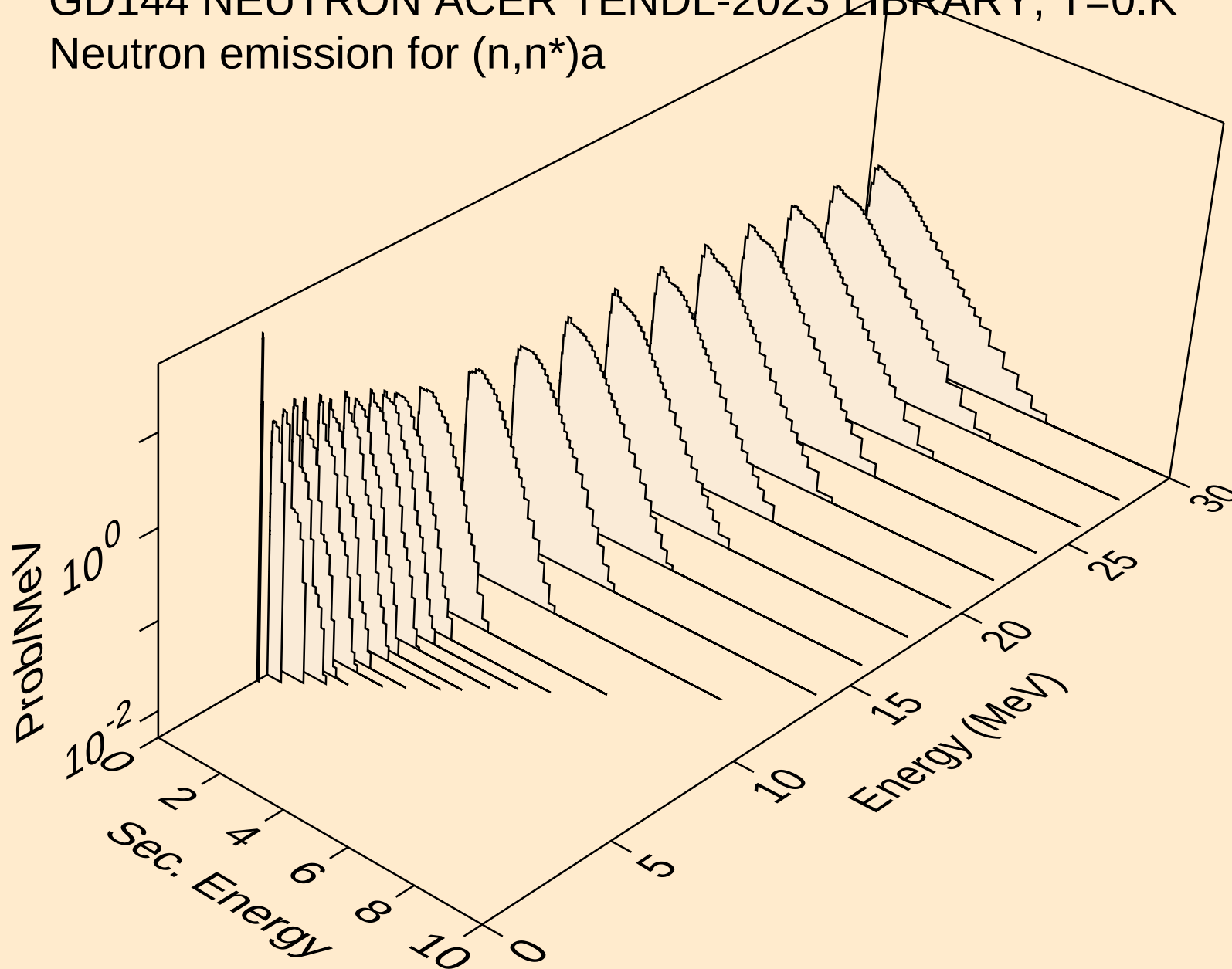
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



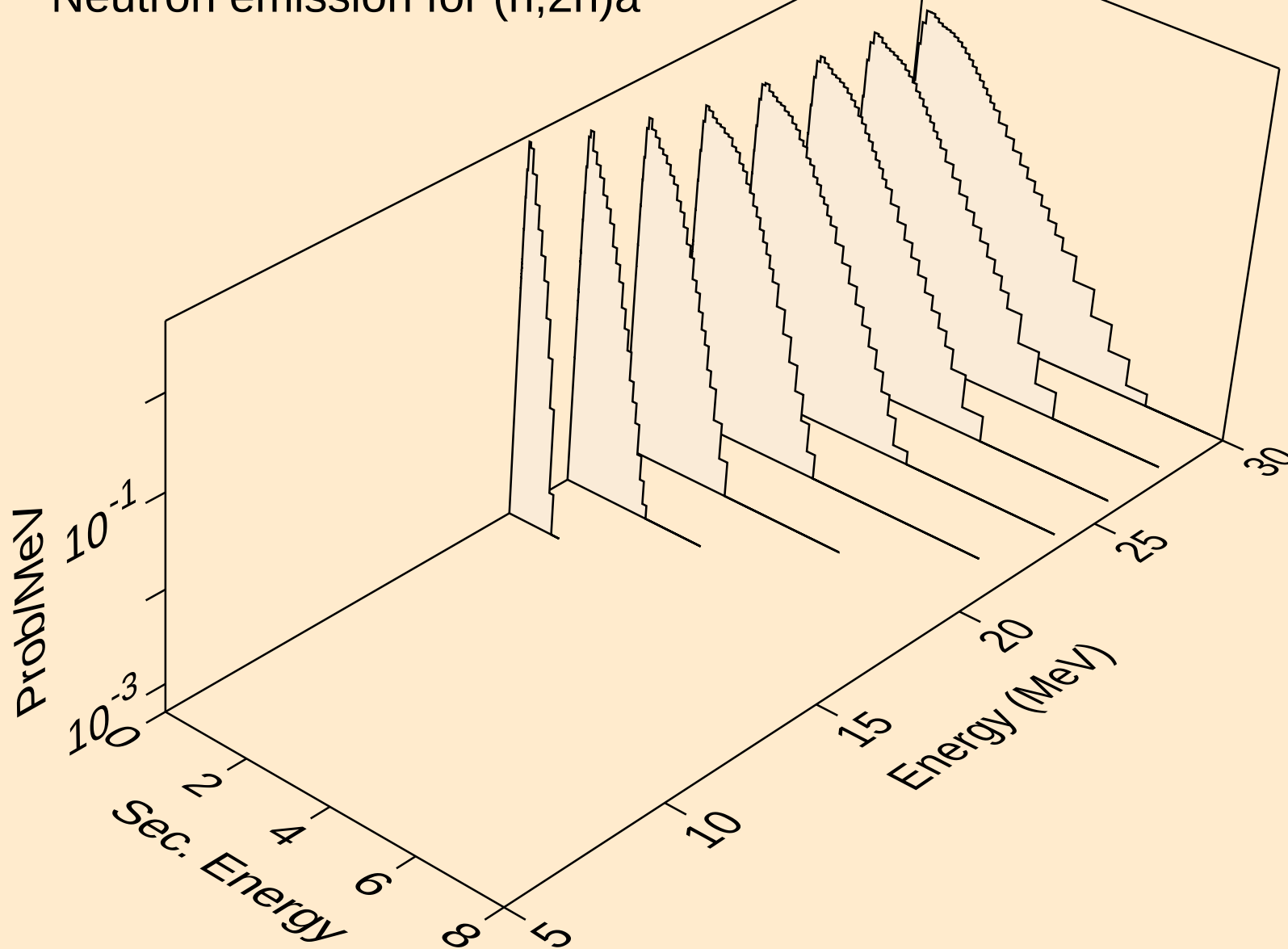
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



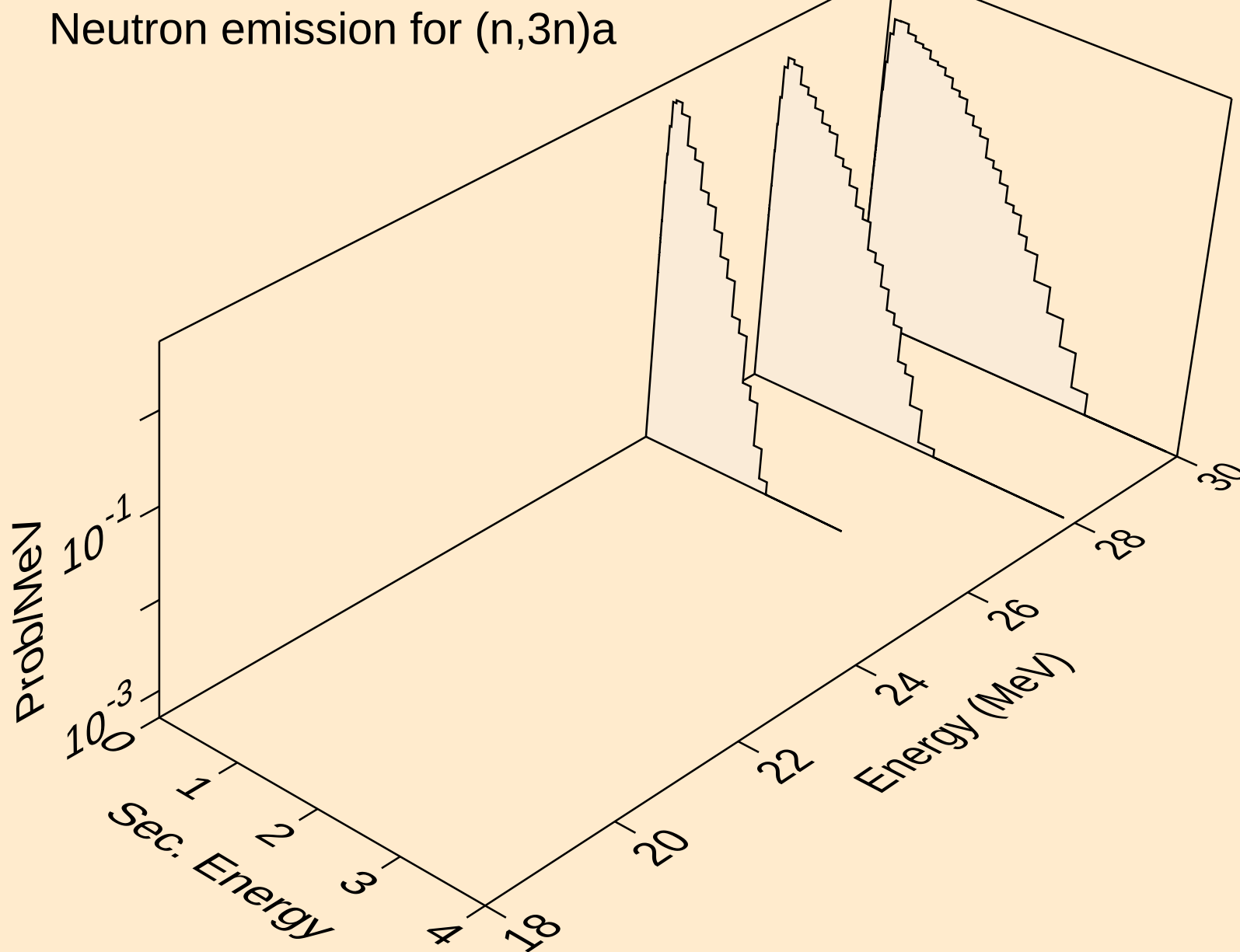
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



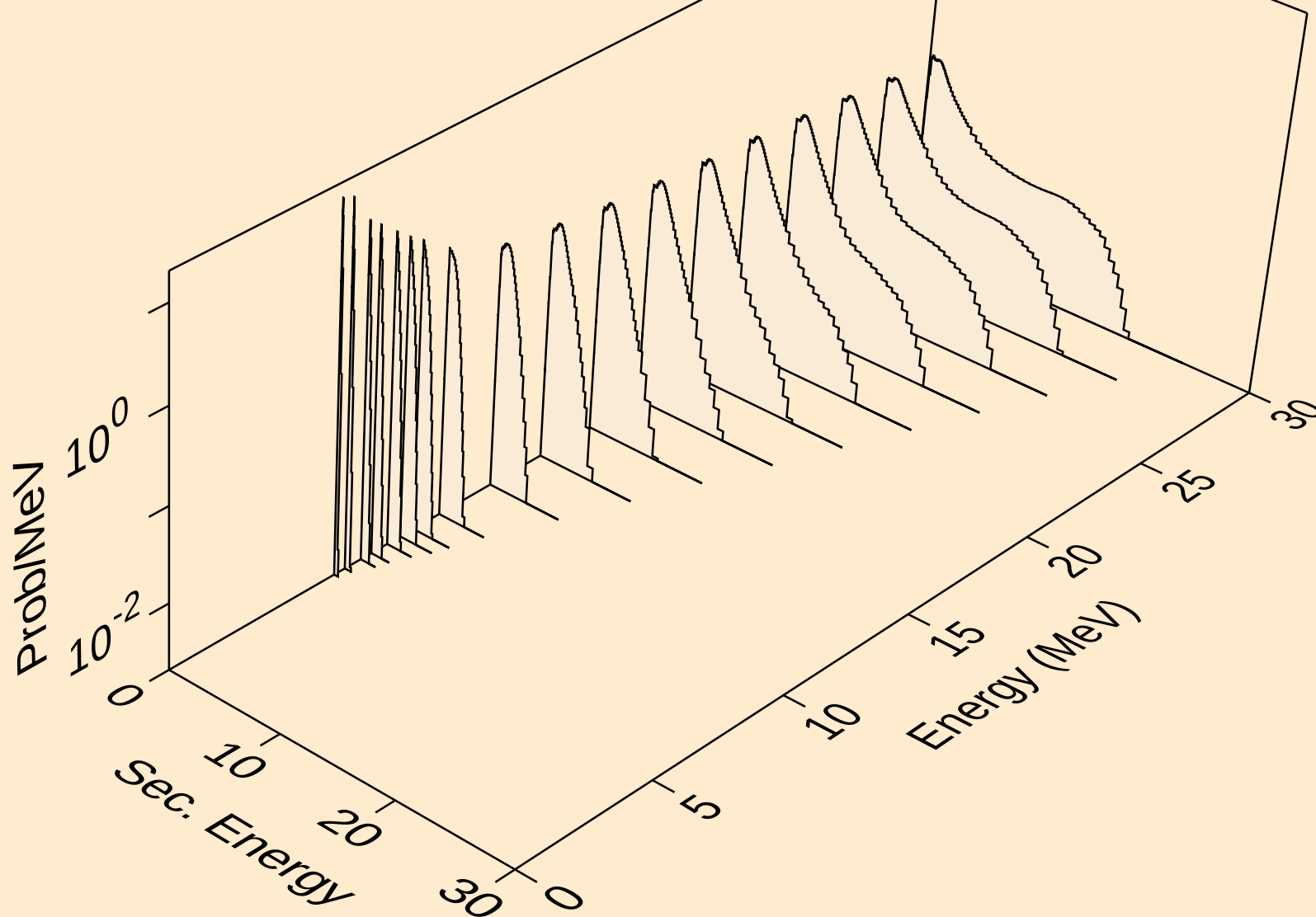
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n) α



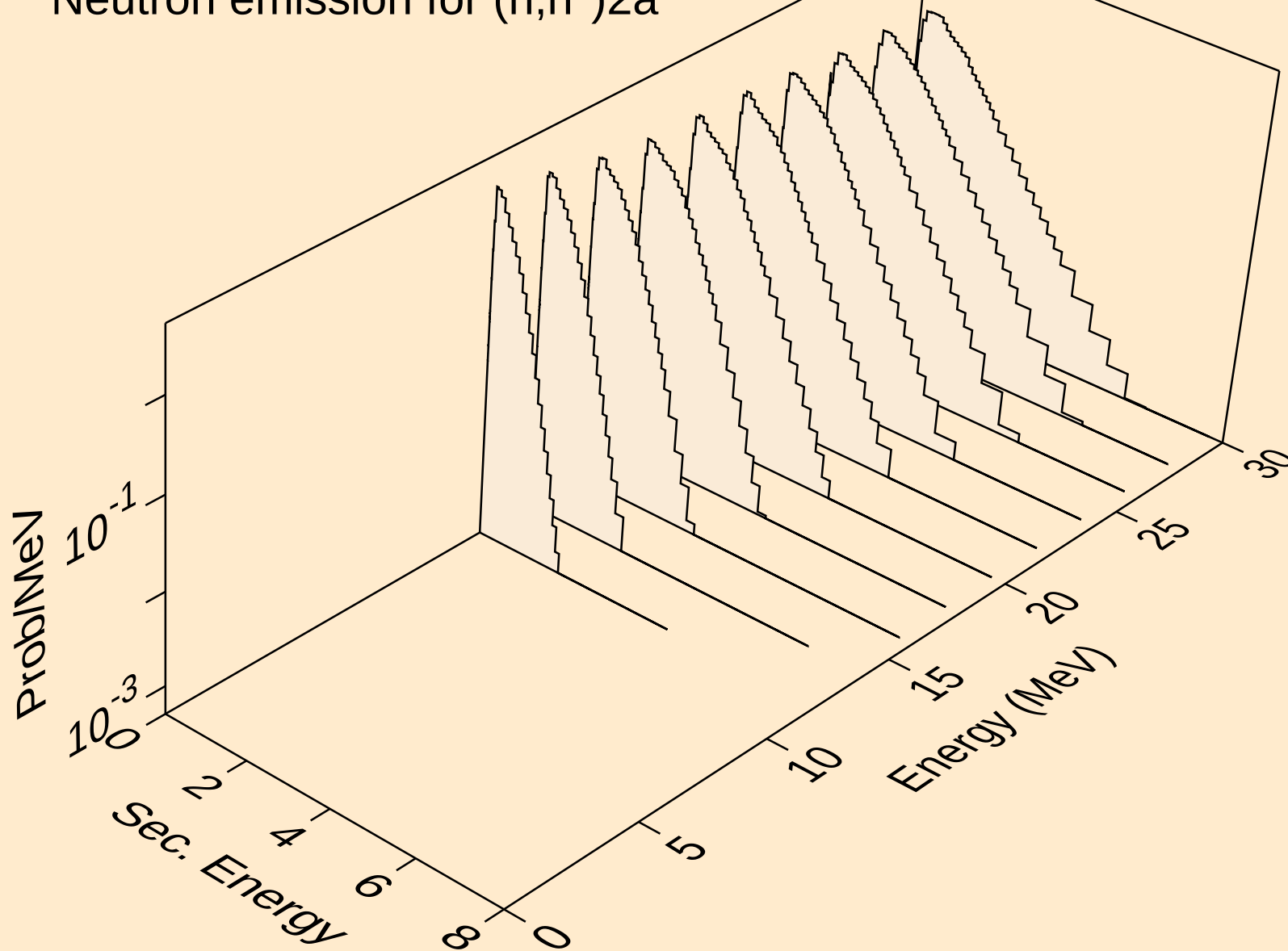
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



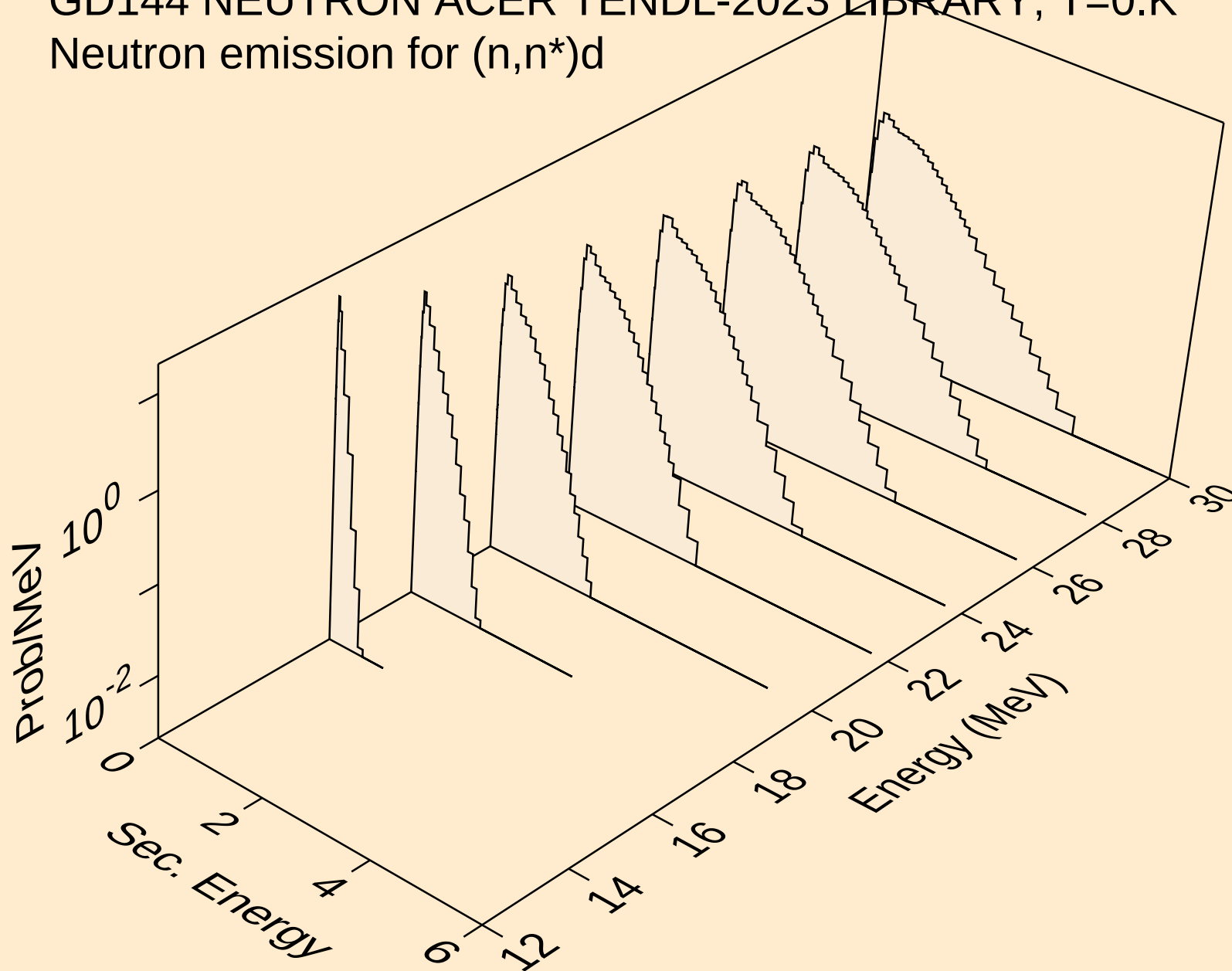
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



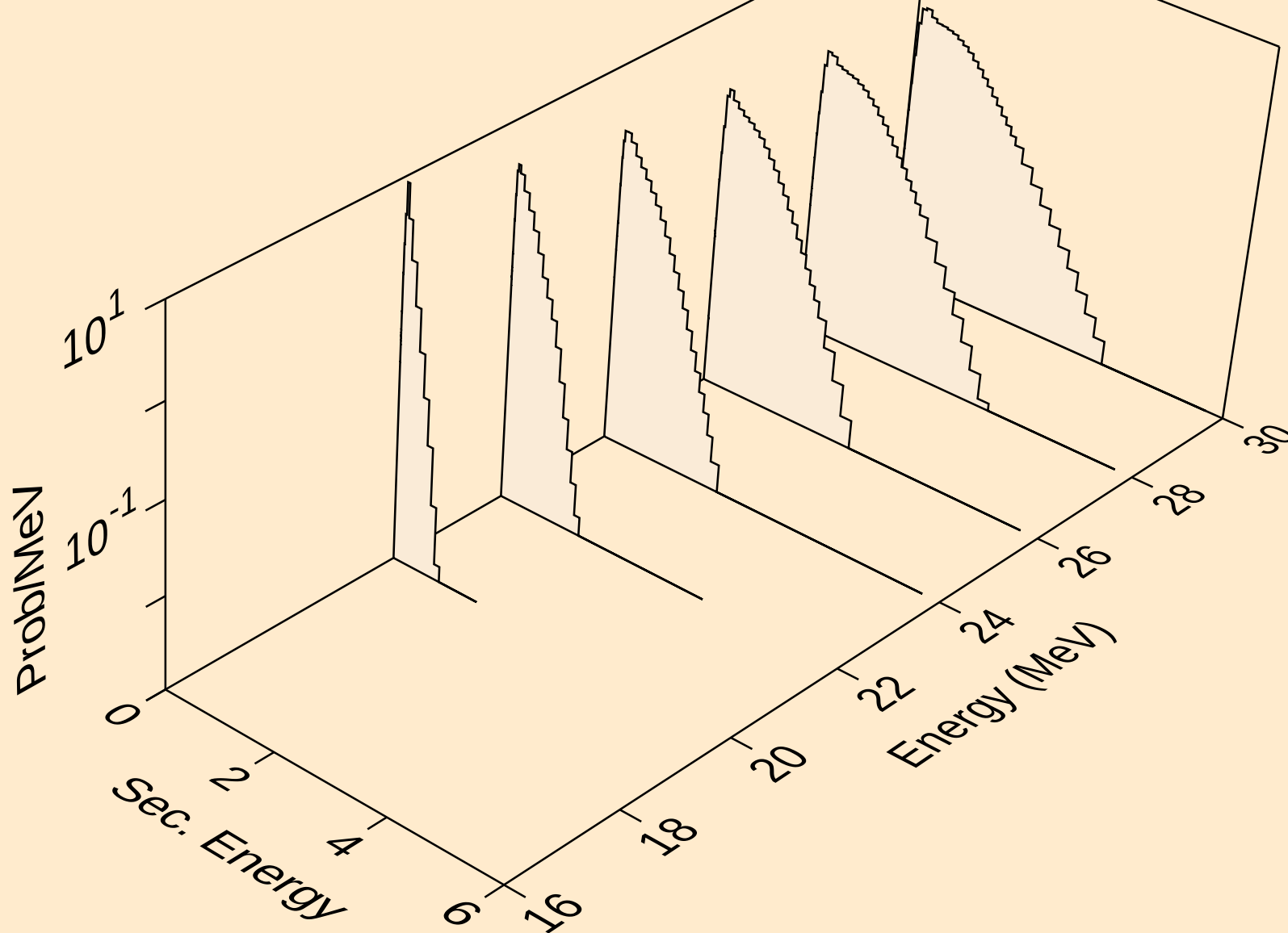
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



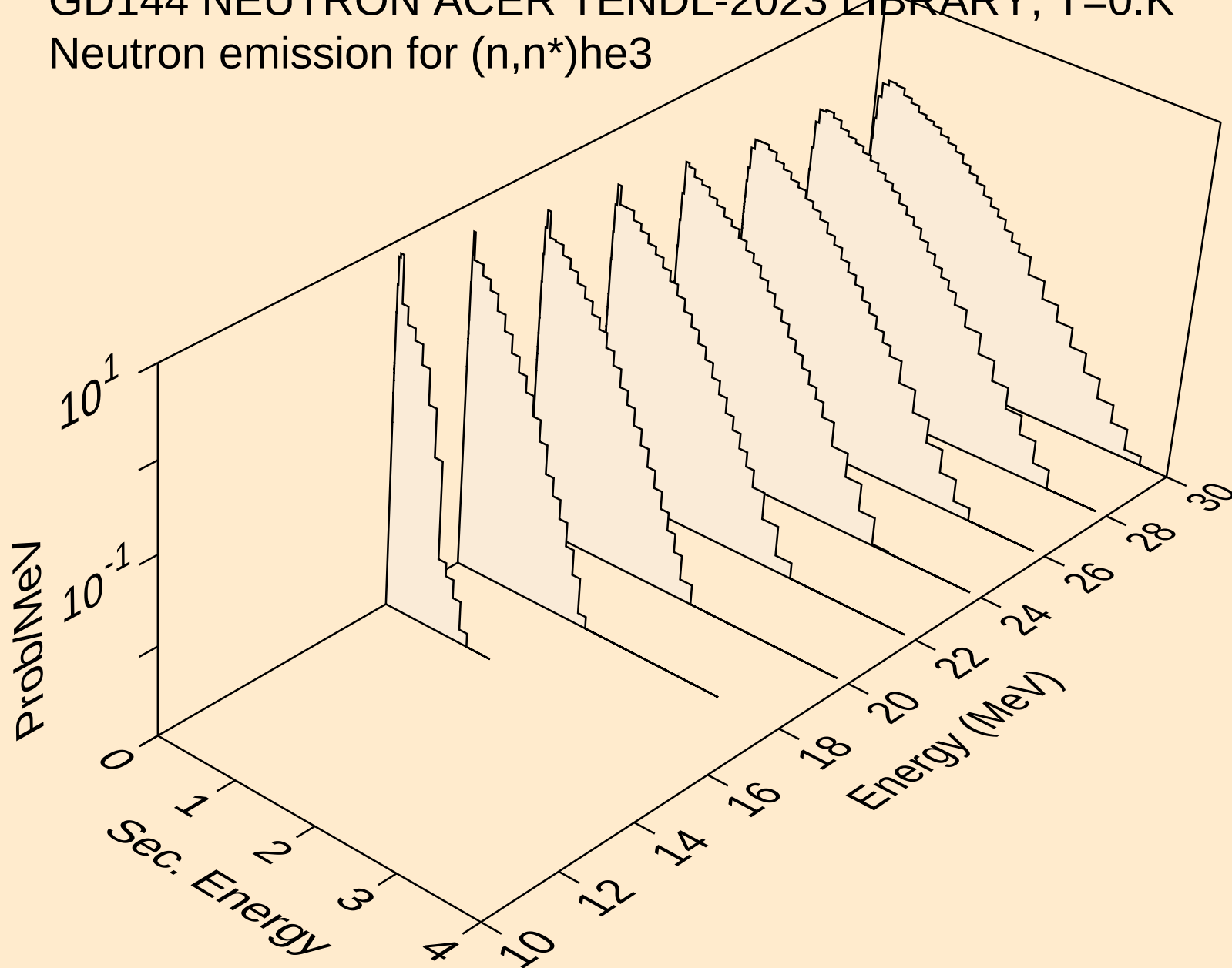
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



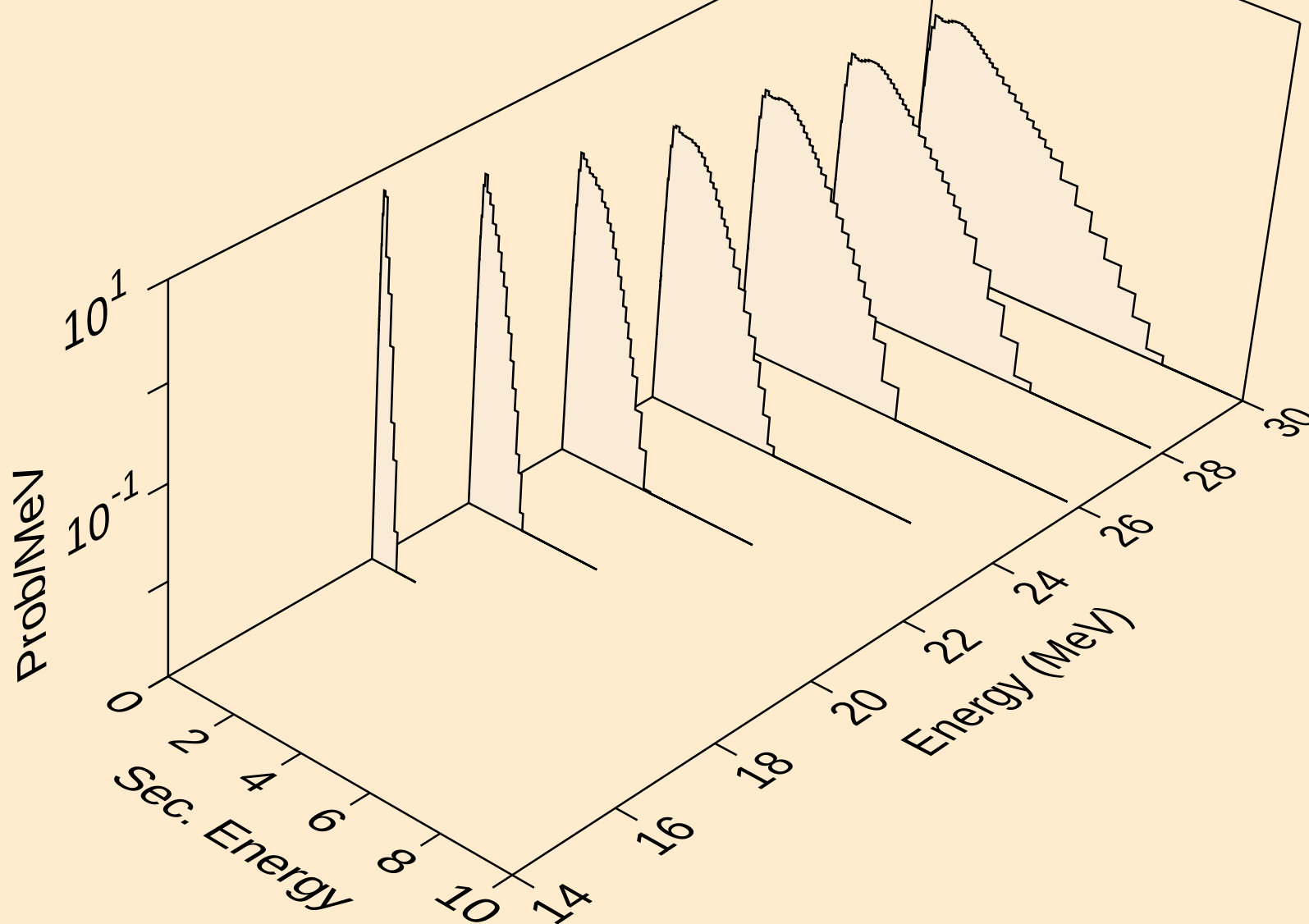
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



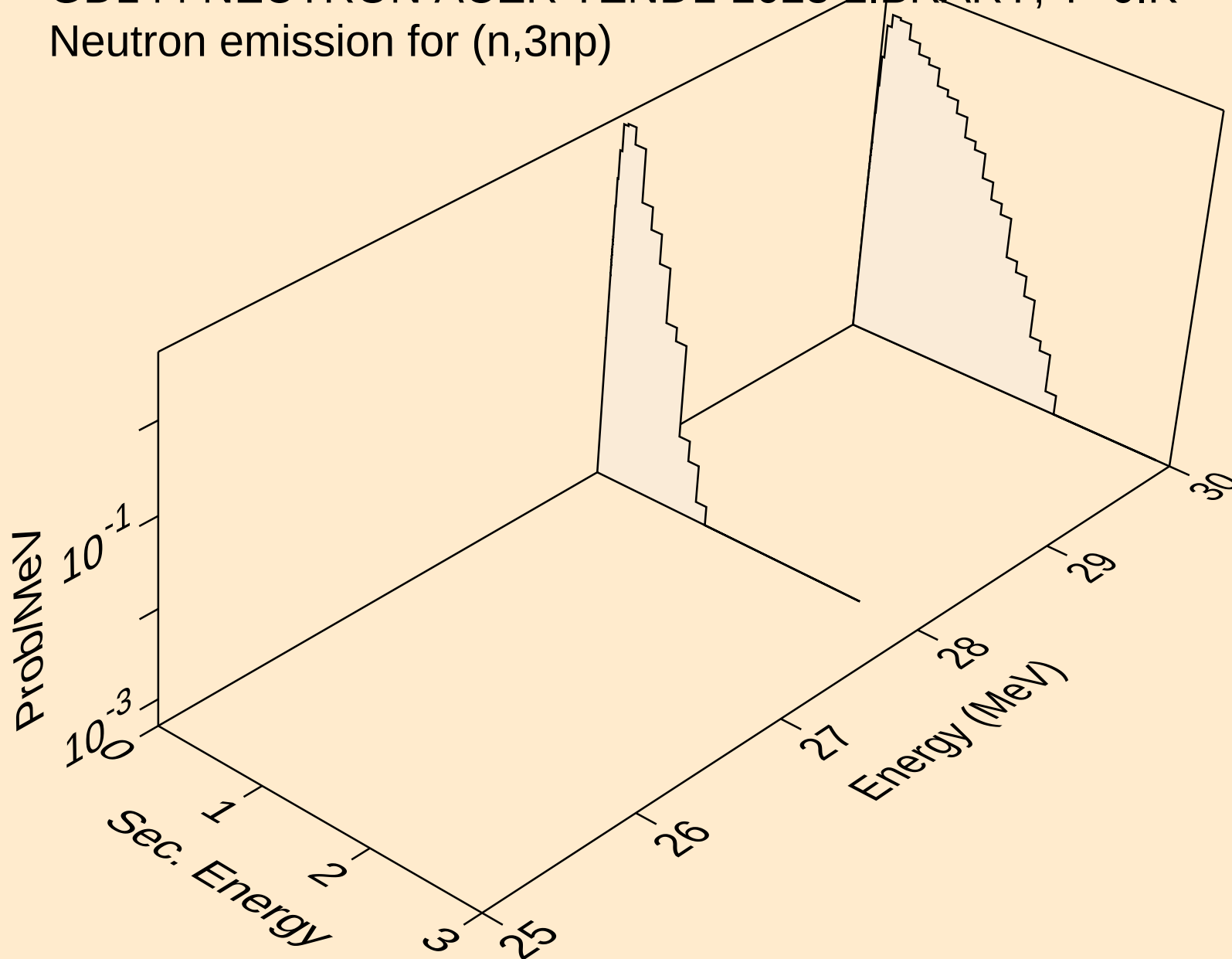
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



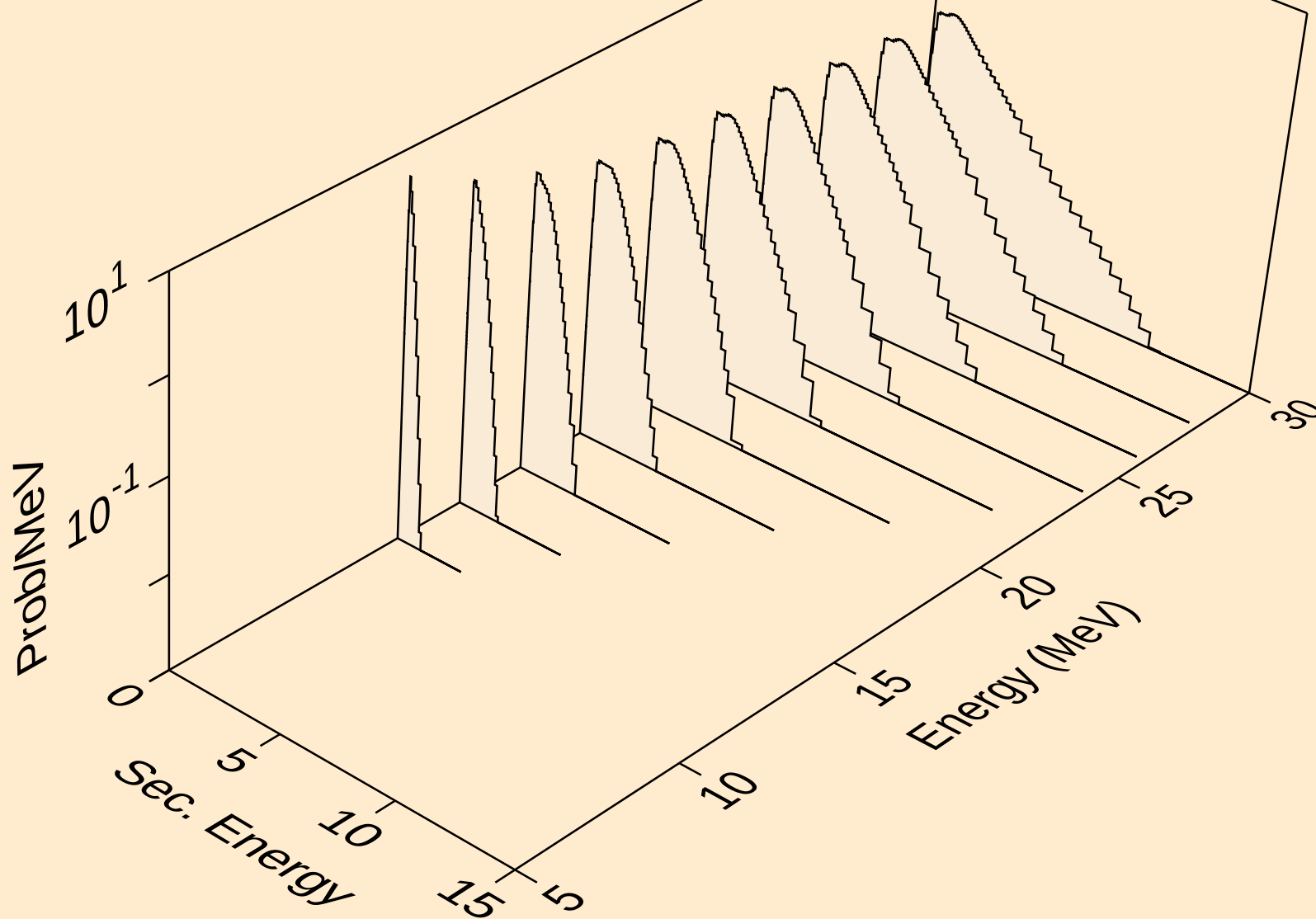
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



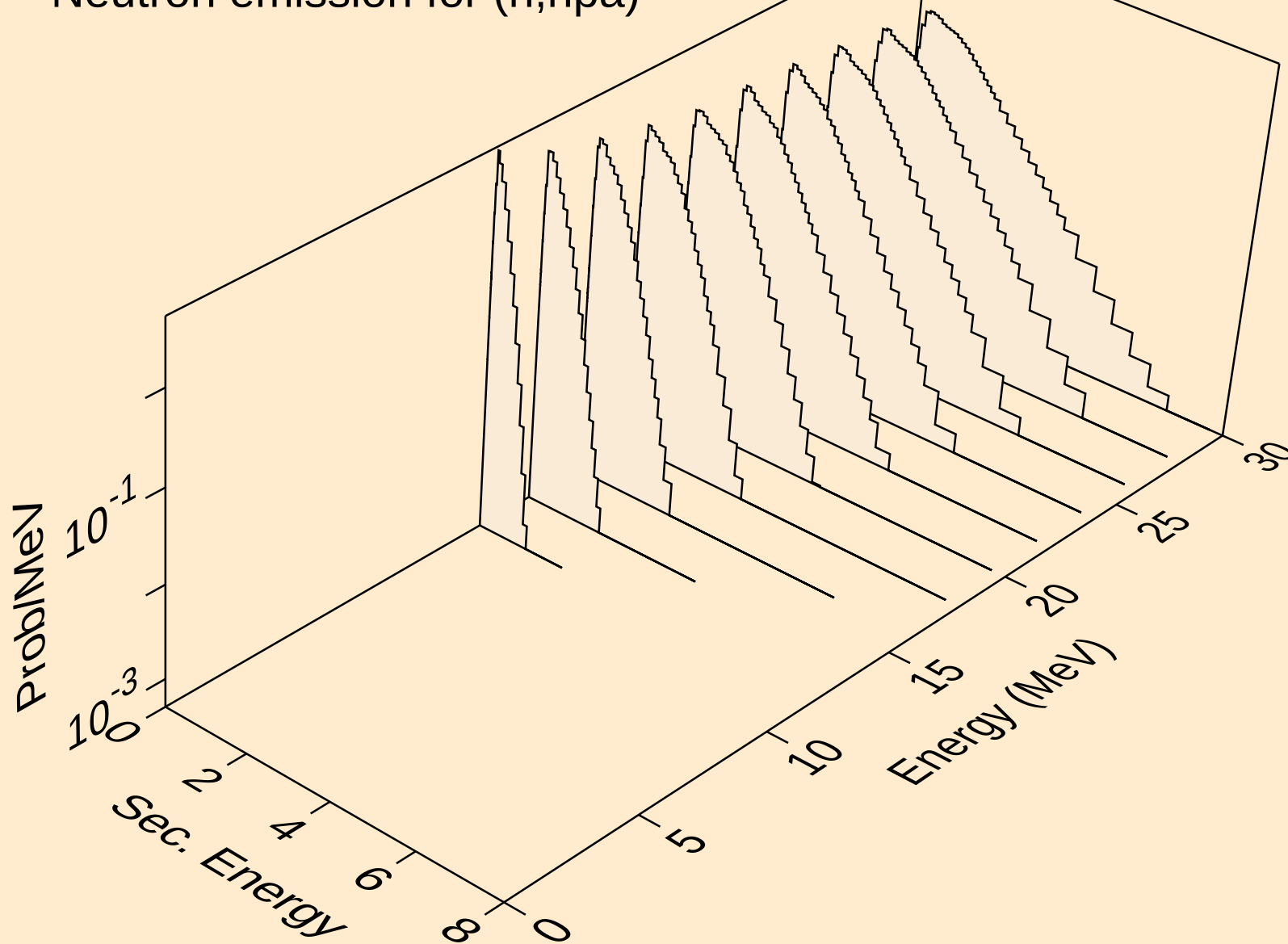
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



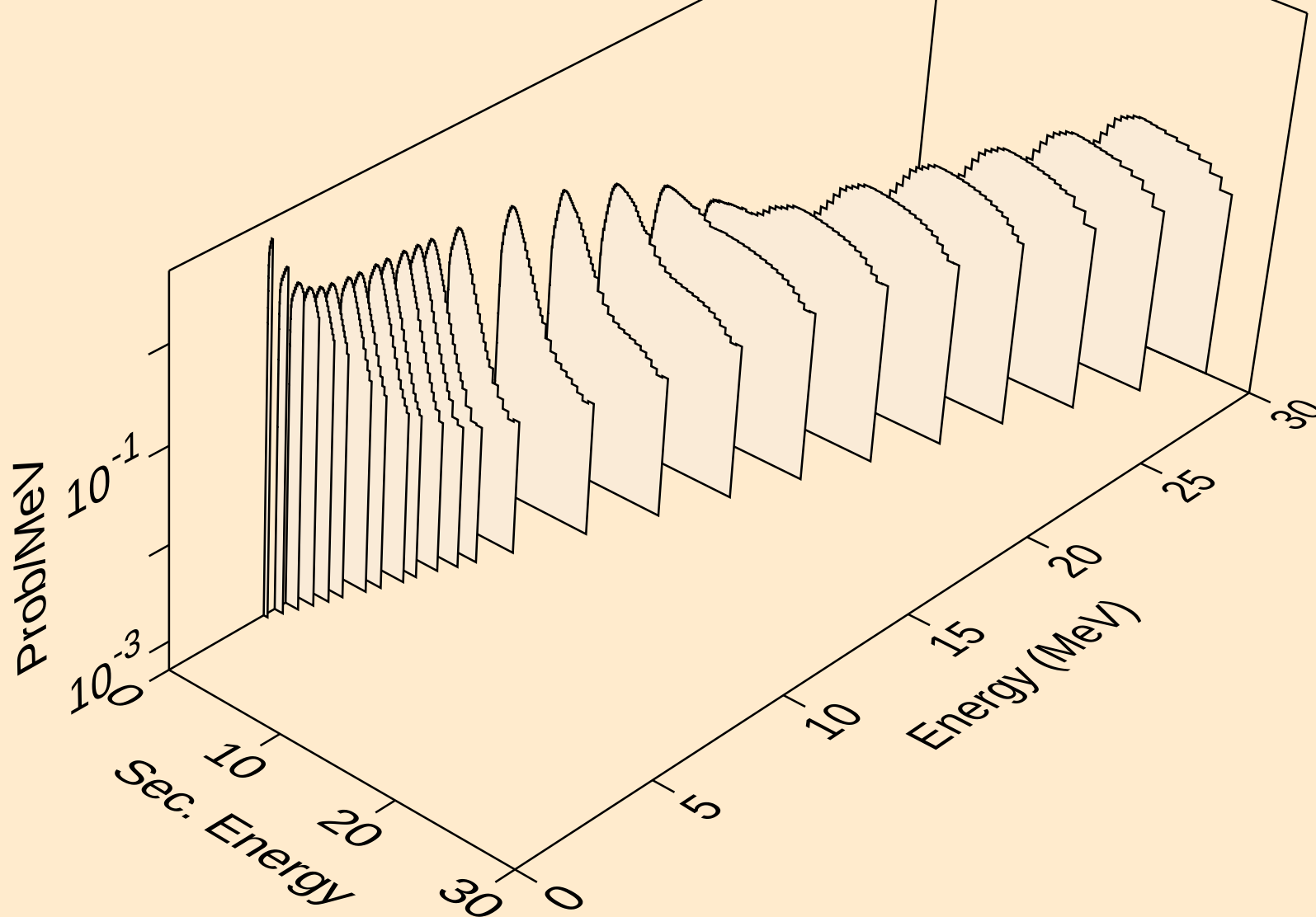
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



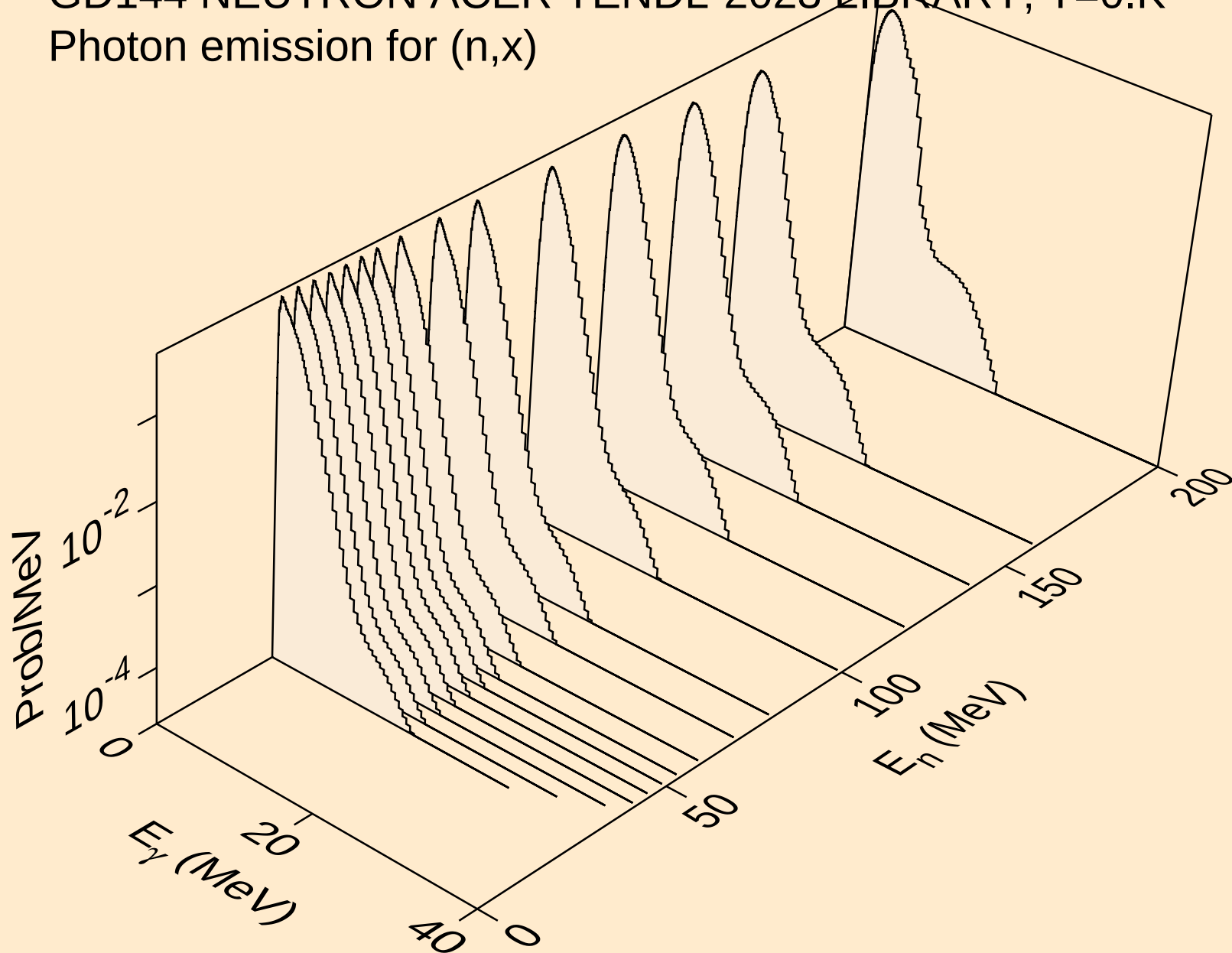
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



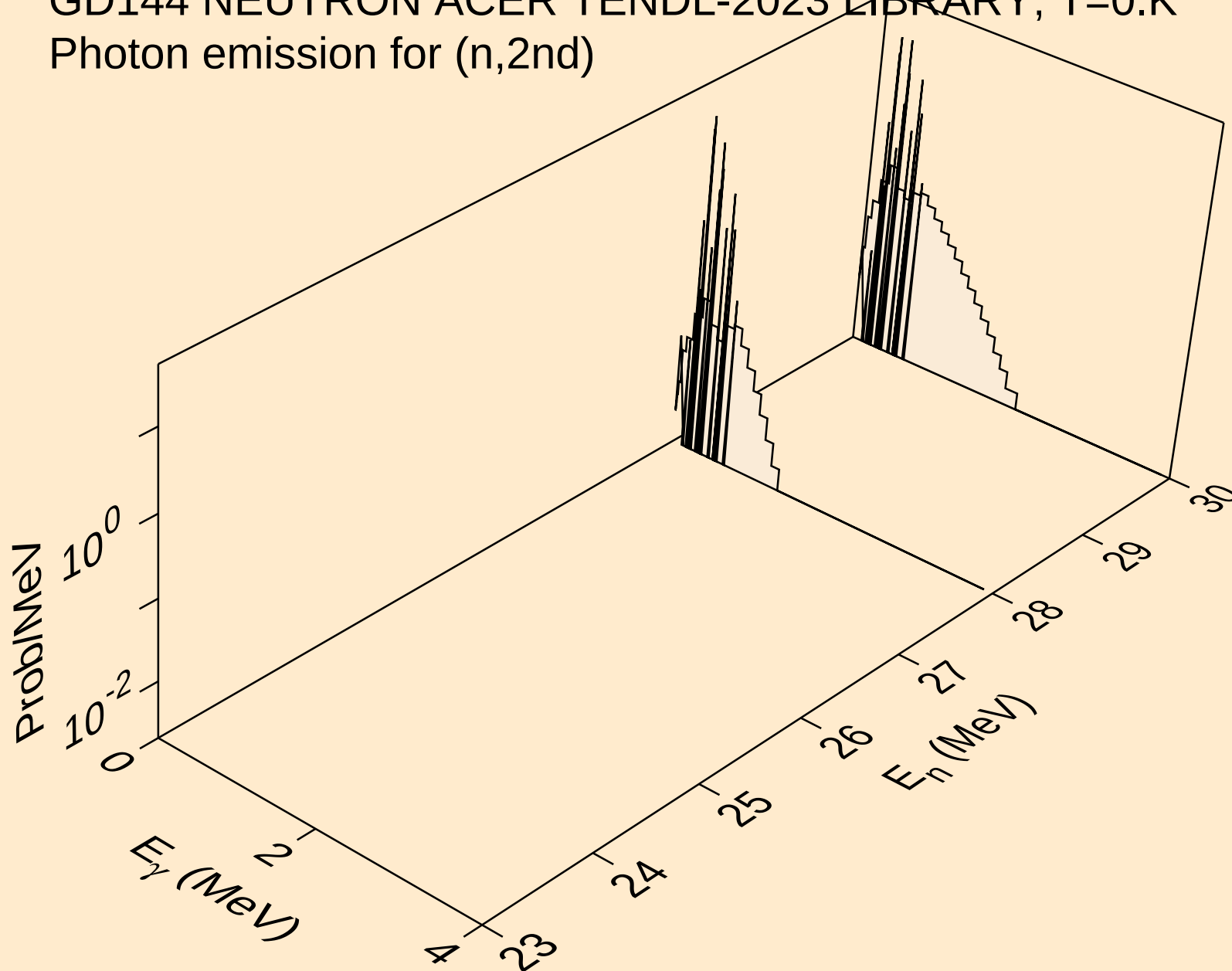
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



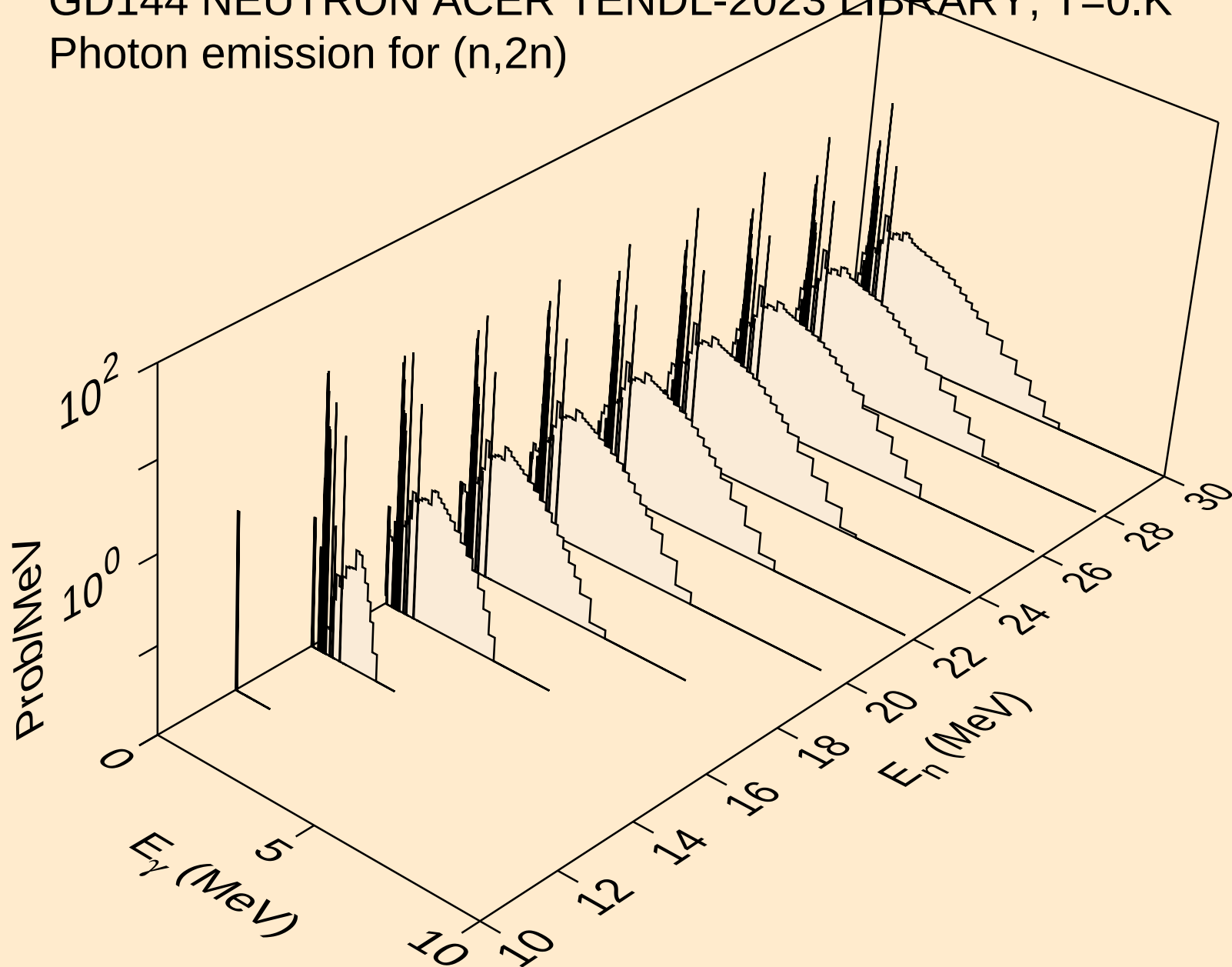
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



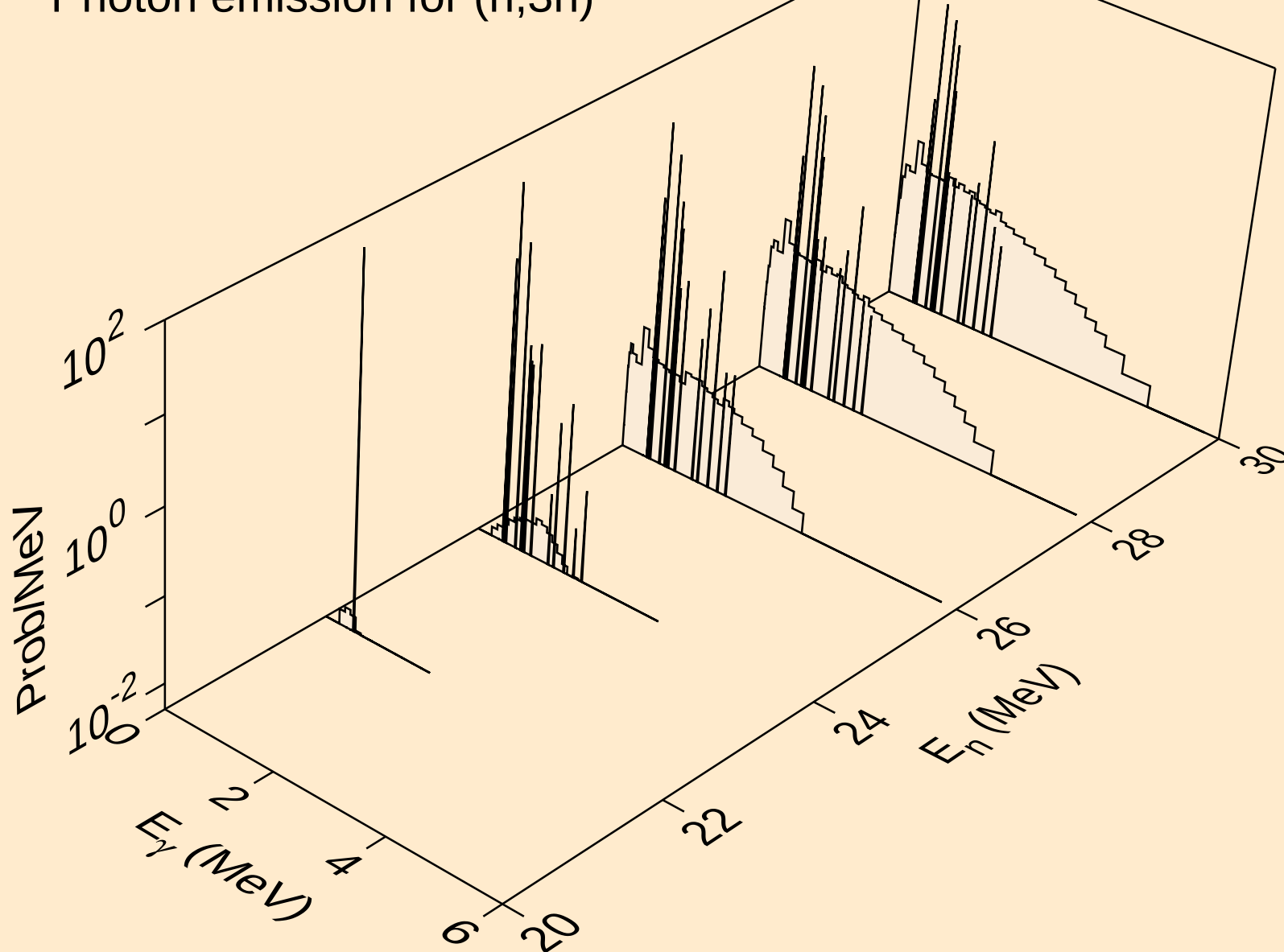
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



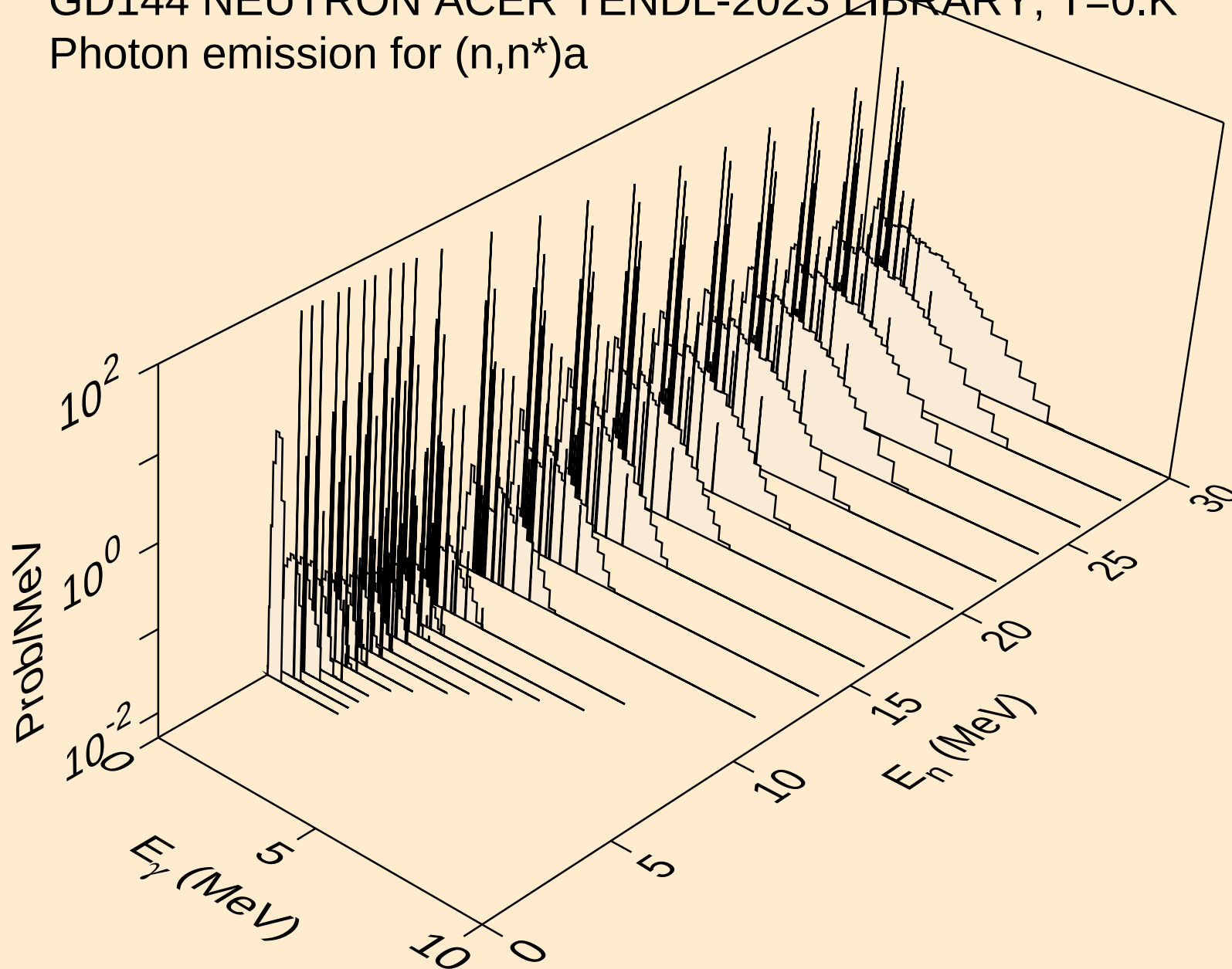
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



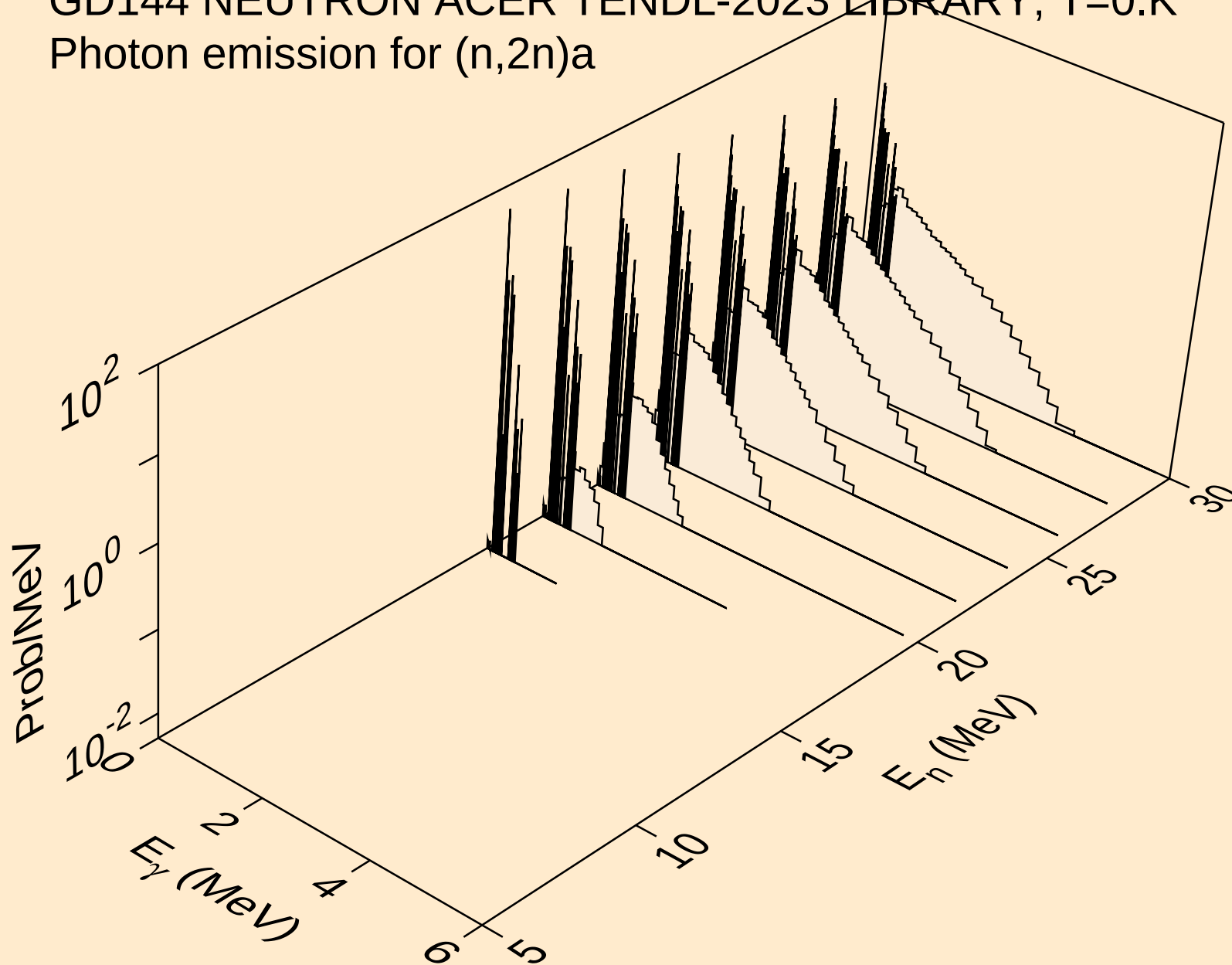
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3n)



GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)a$

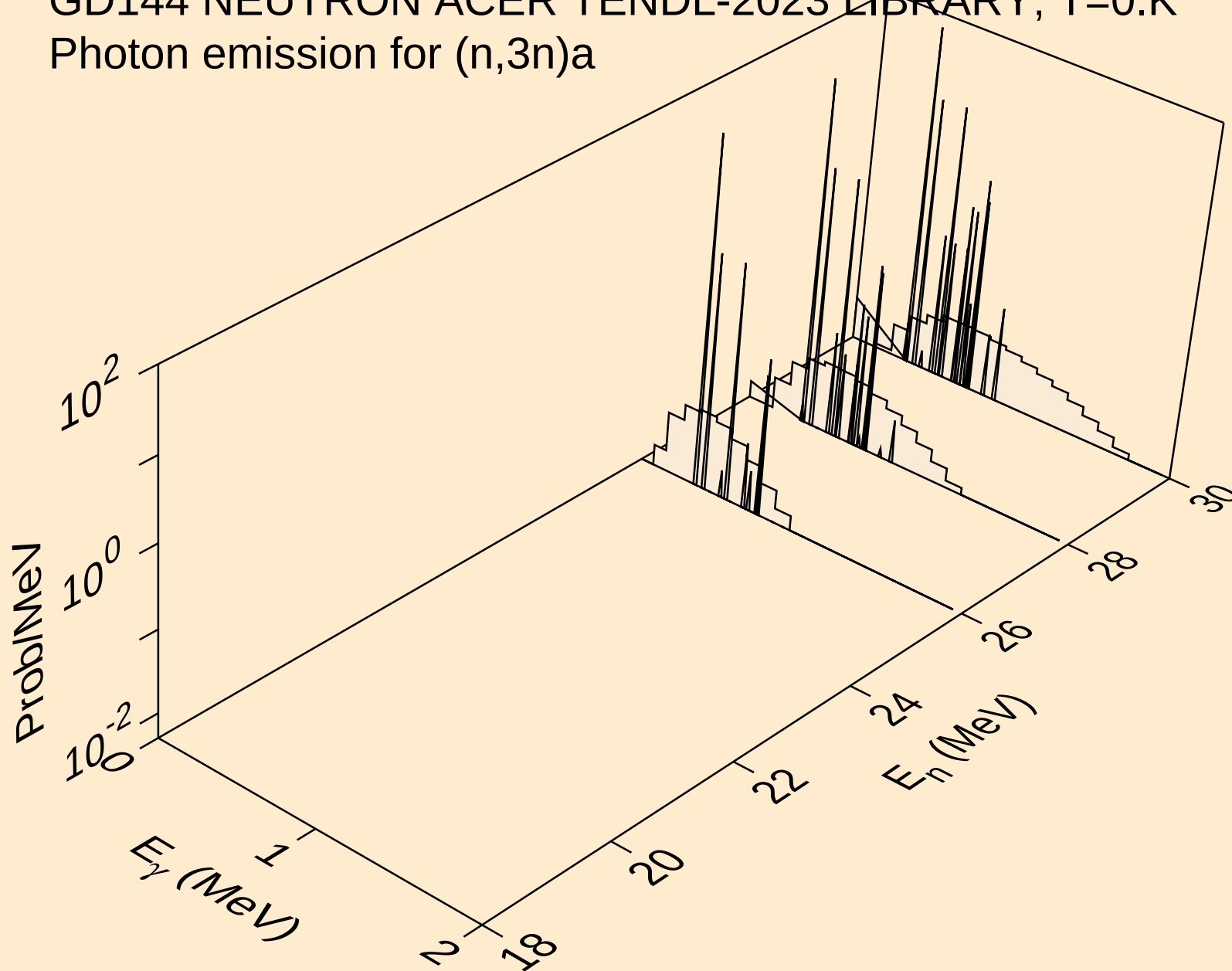


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

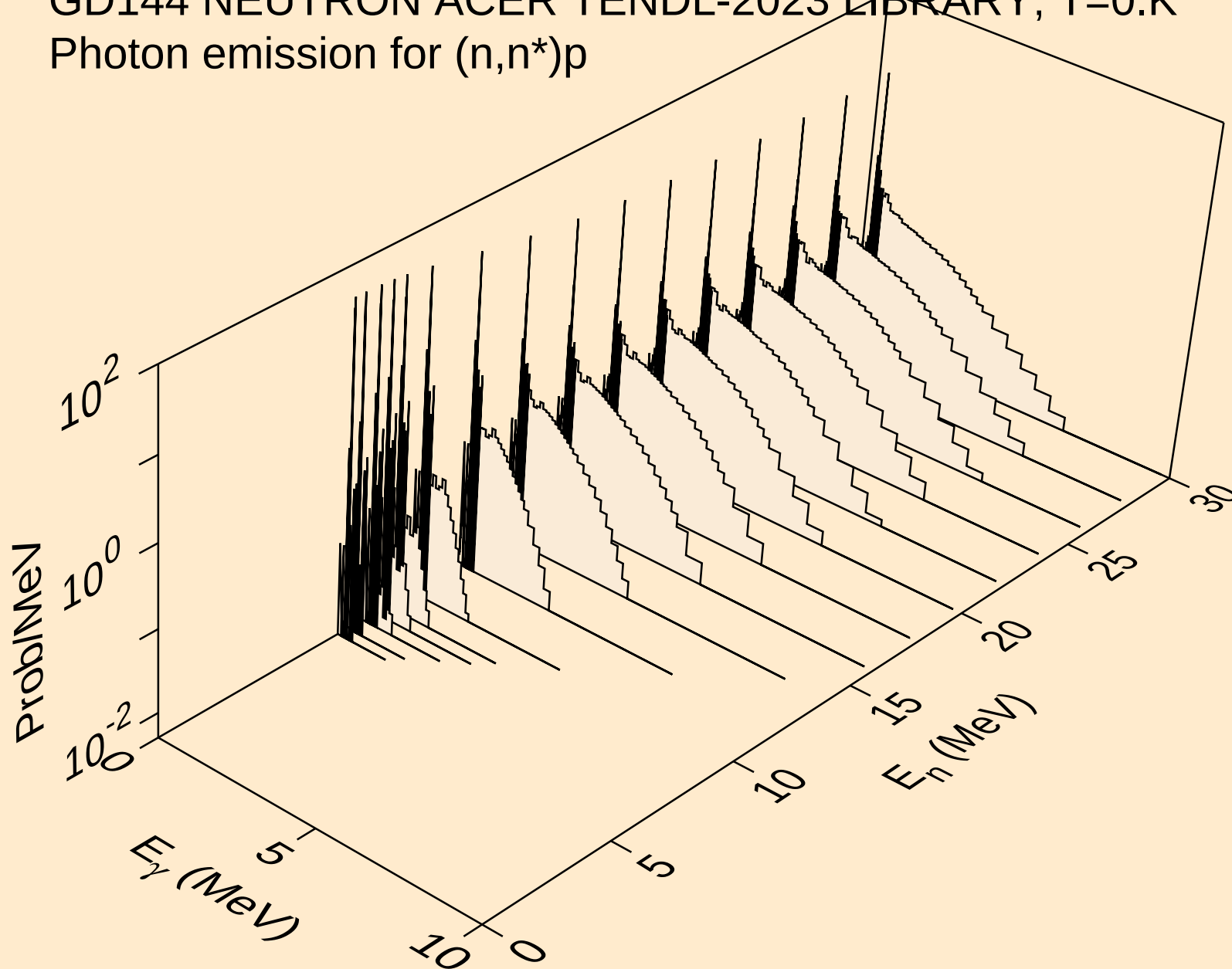


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

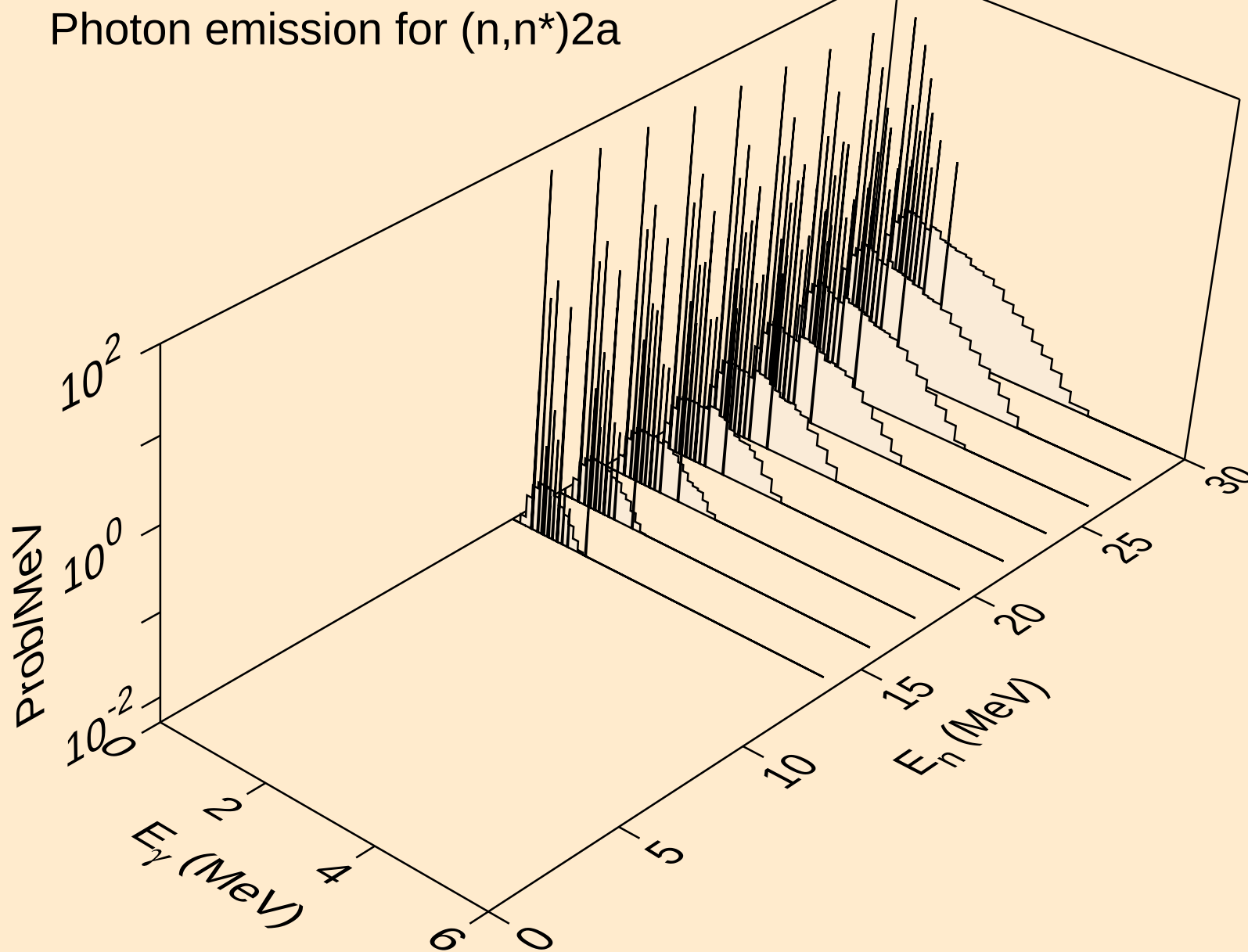
Photon emission for (n,3n) α



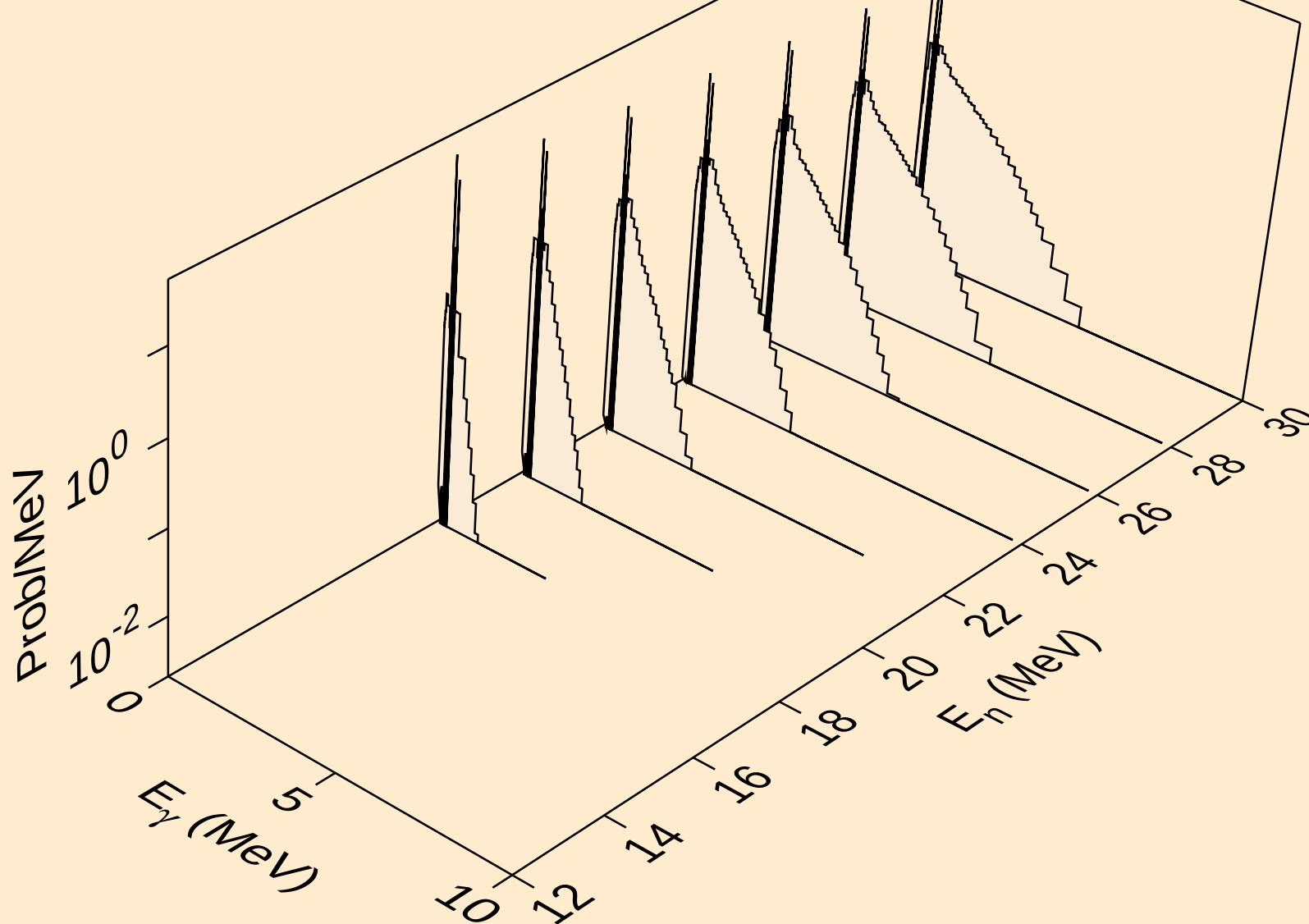
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)p$



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a

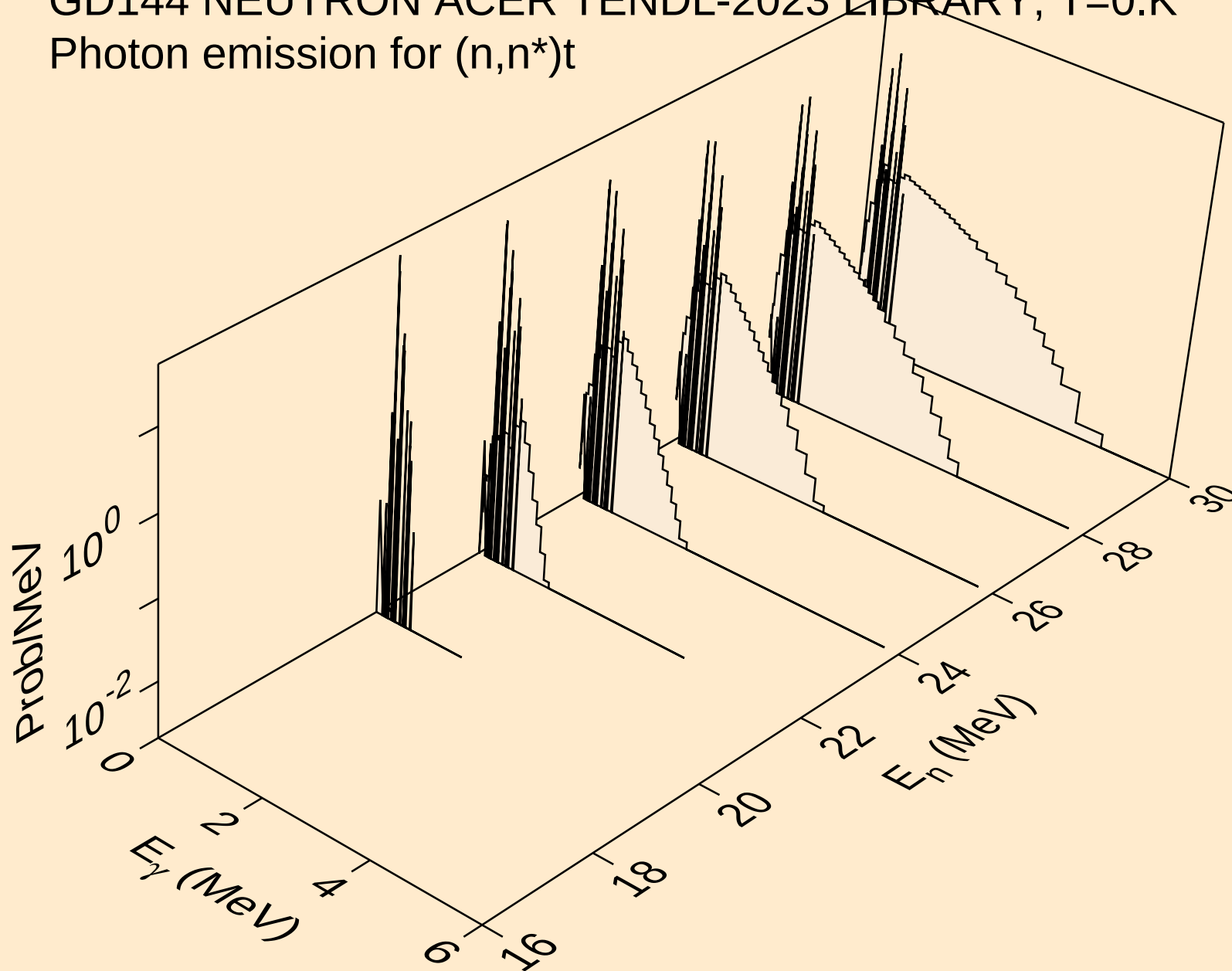


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

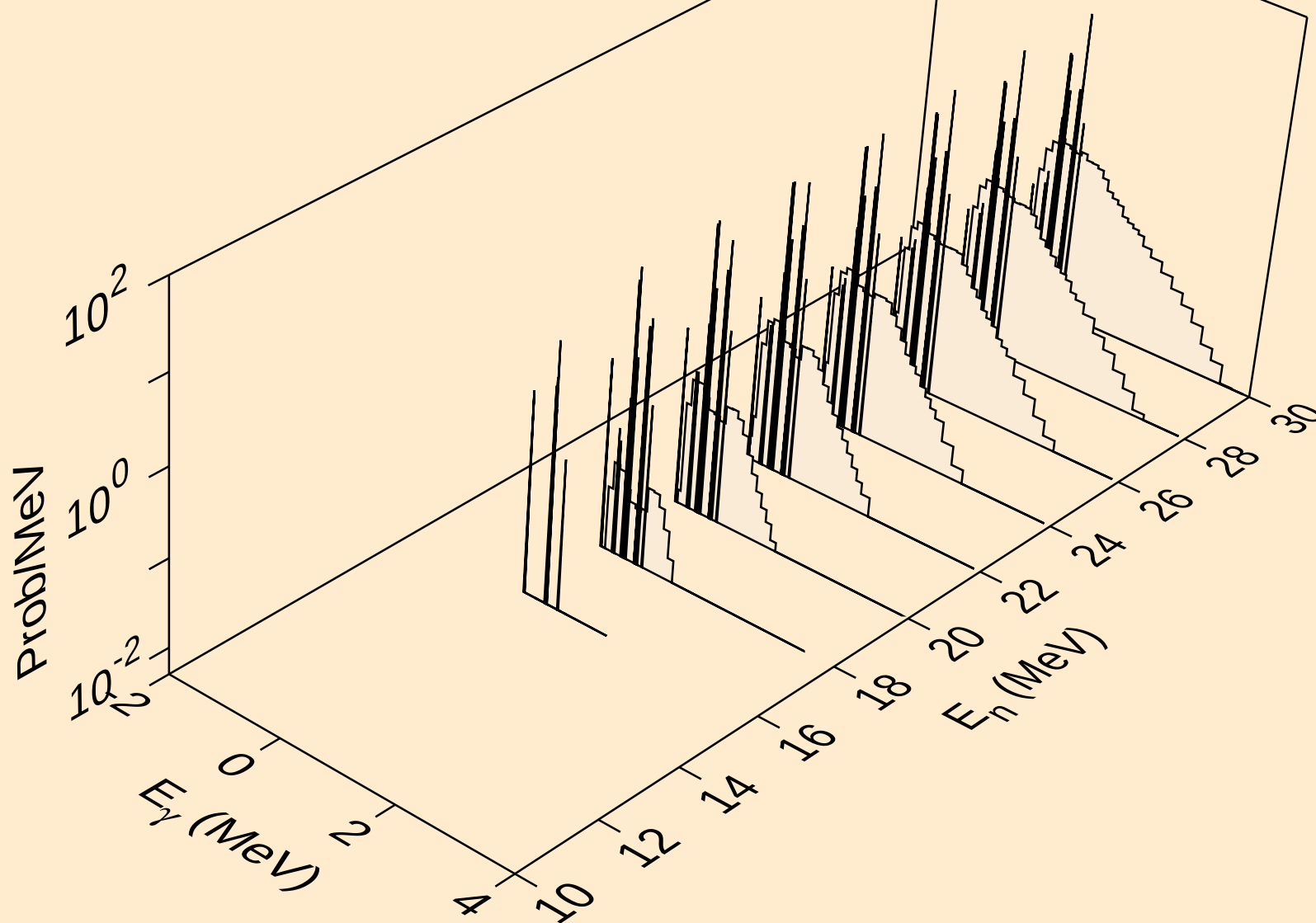


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

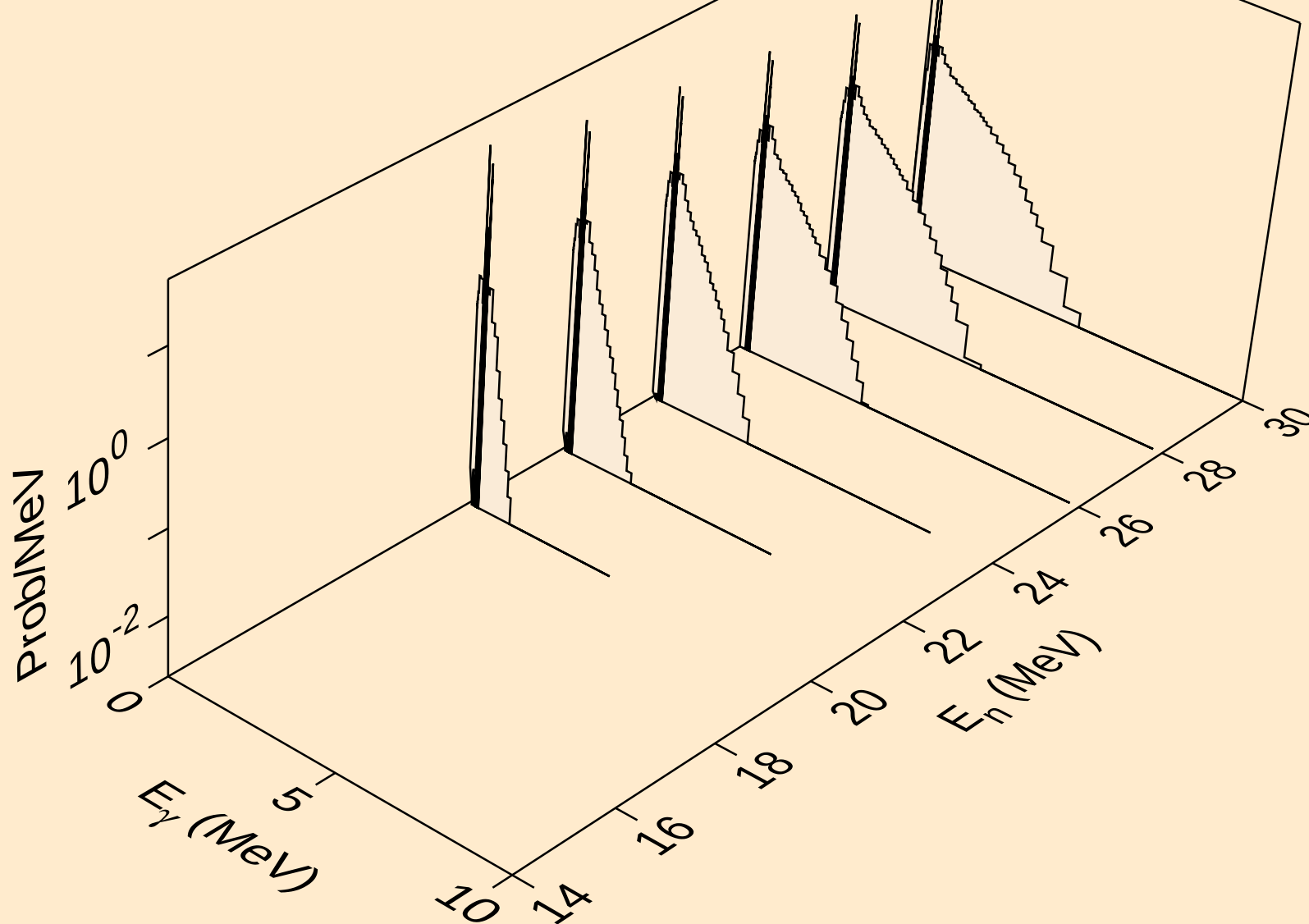
Photon emission for (n,n*)t



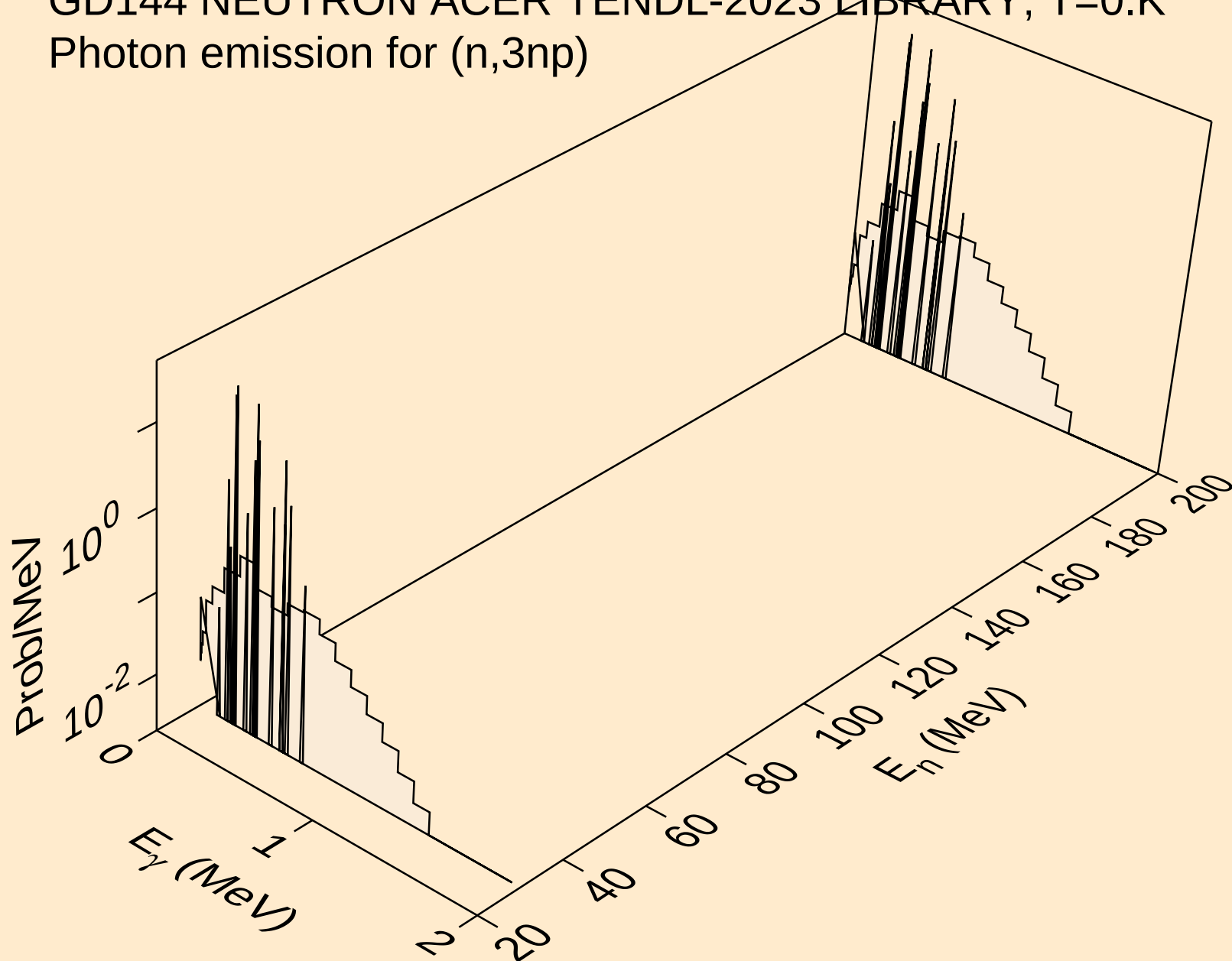
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



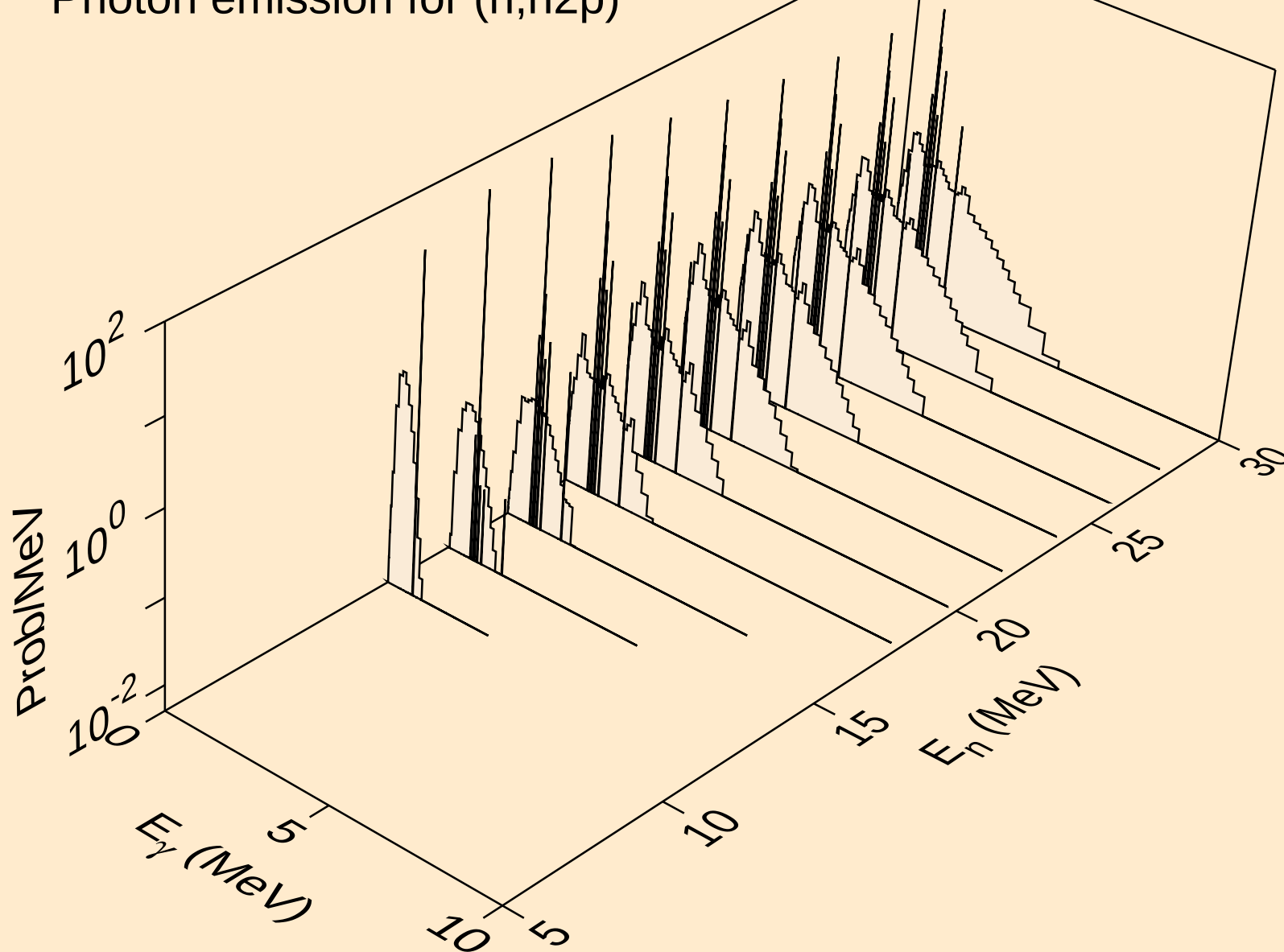
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



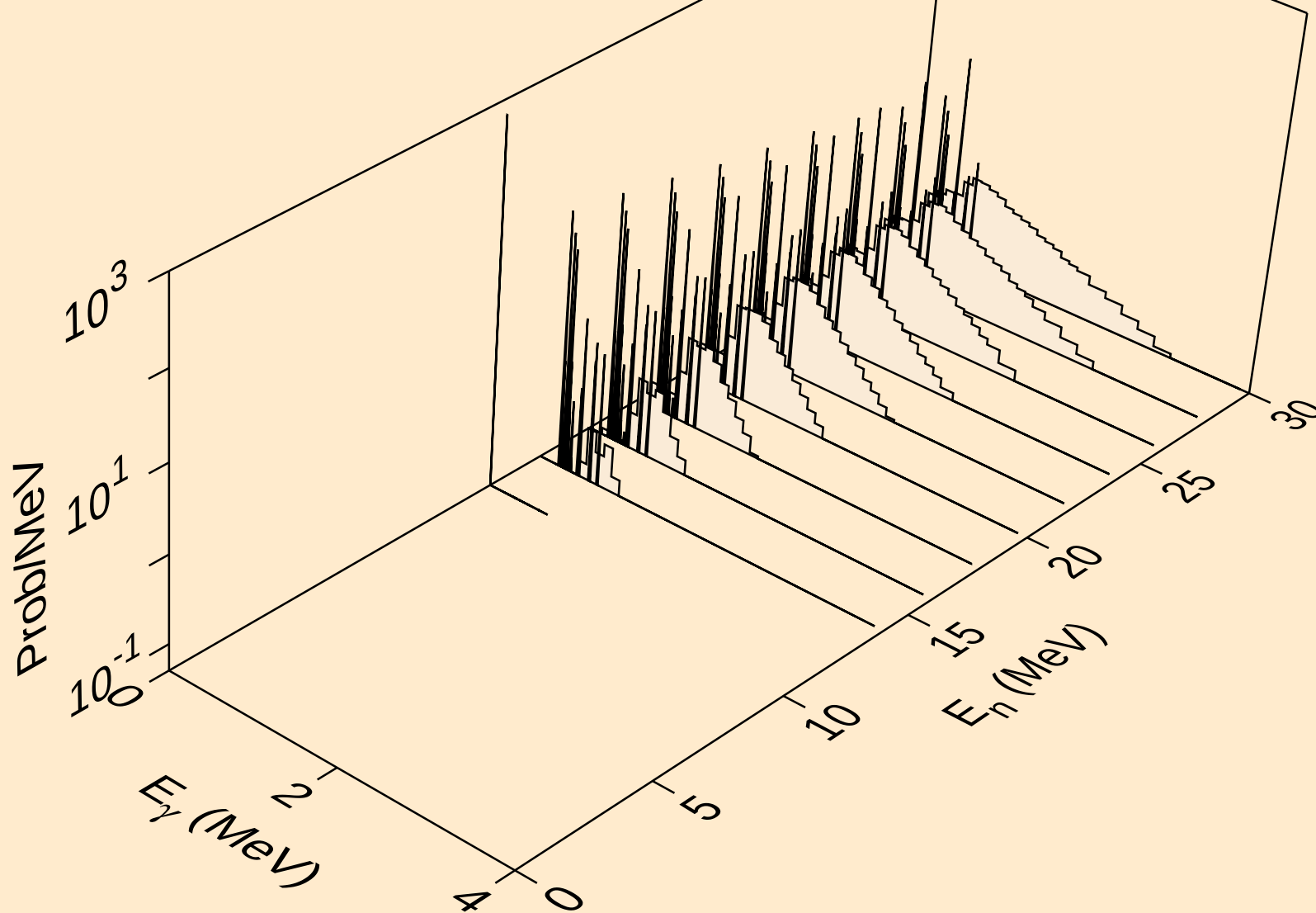
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,3np)



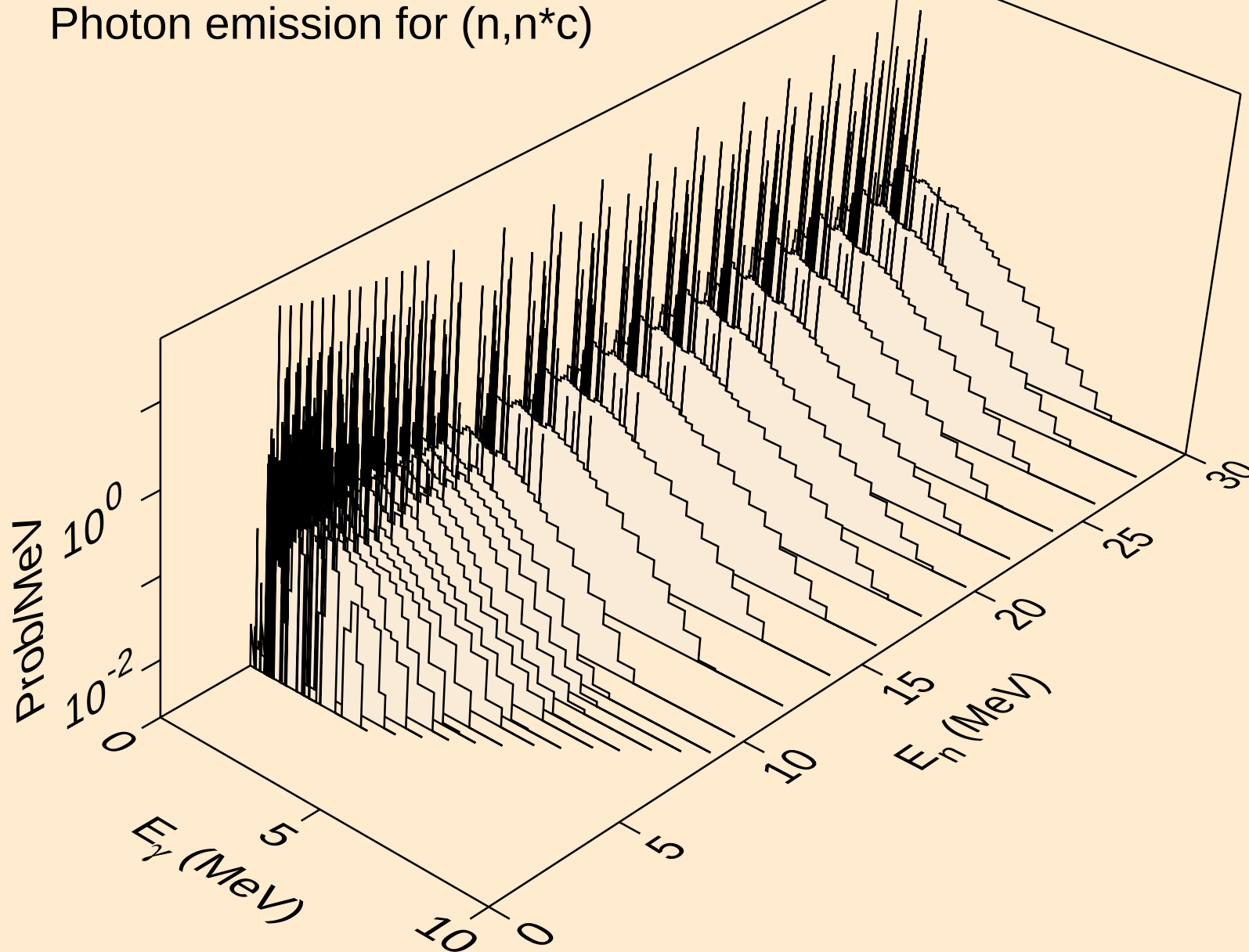
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n2p)



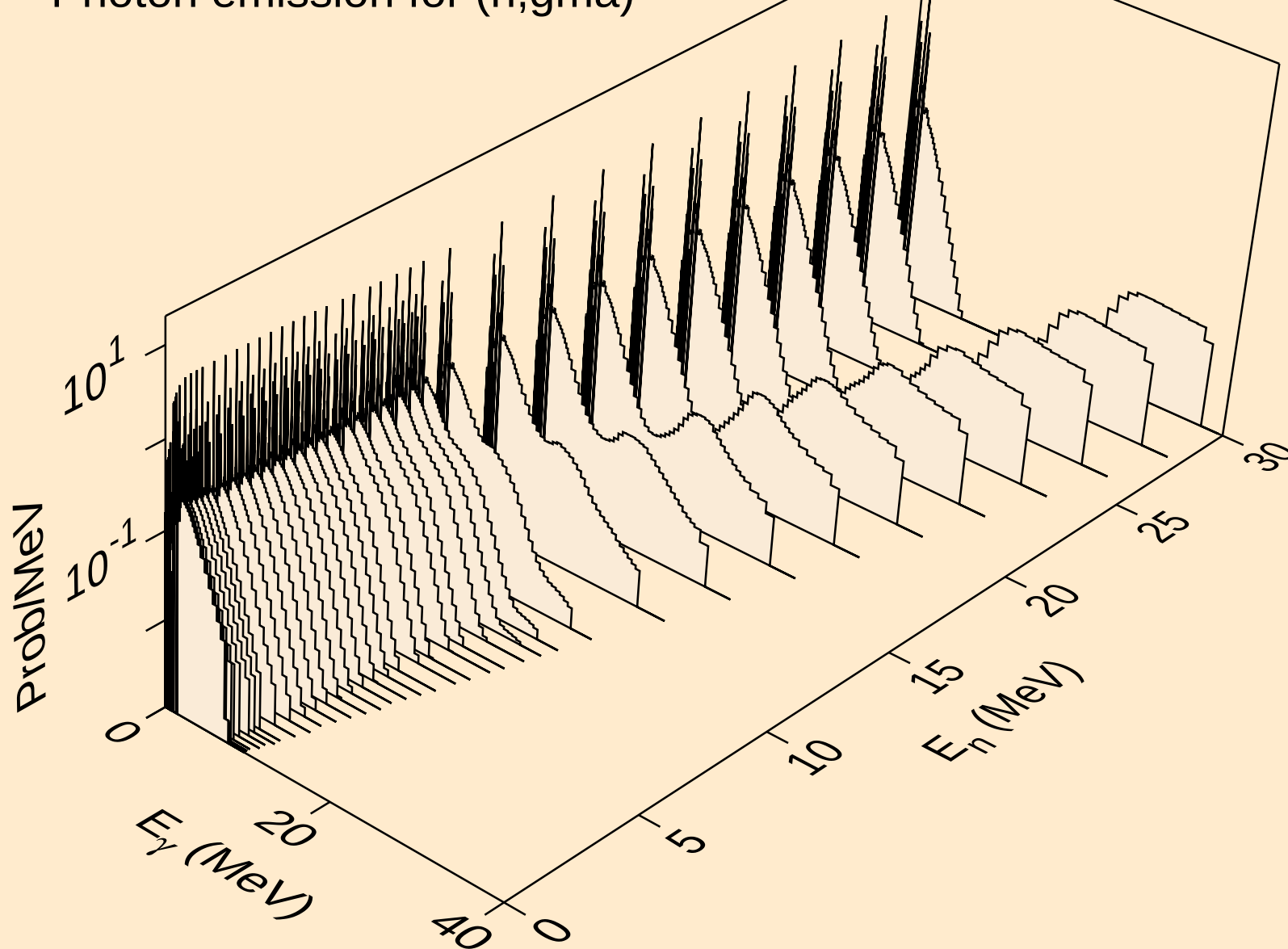
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,npa)



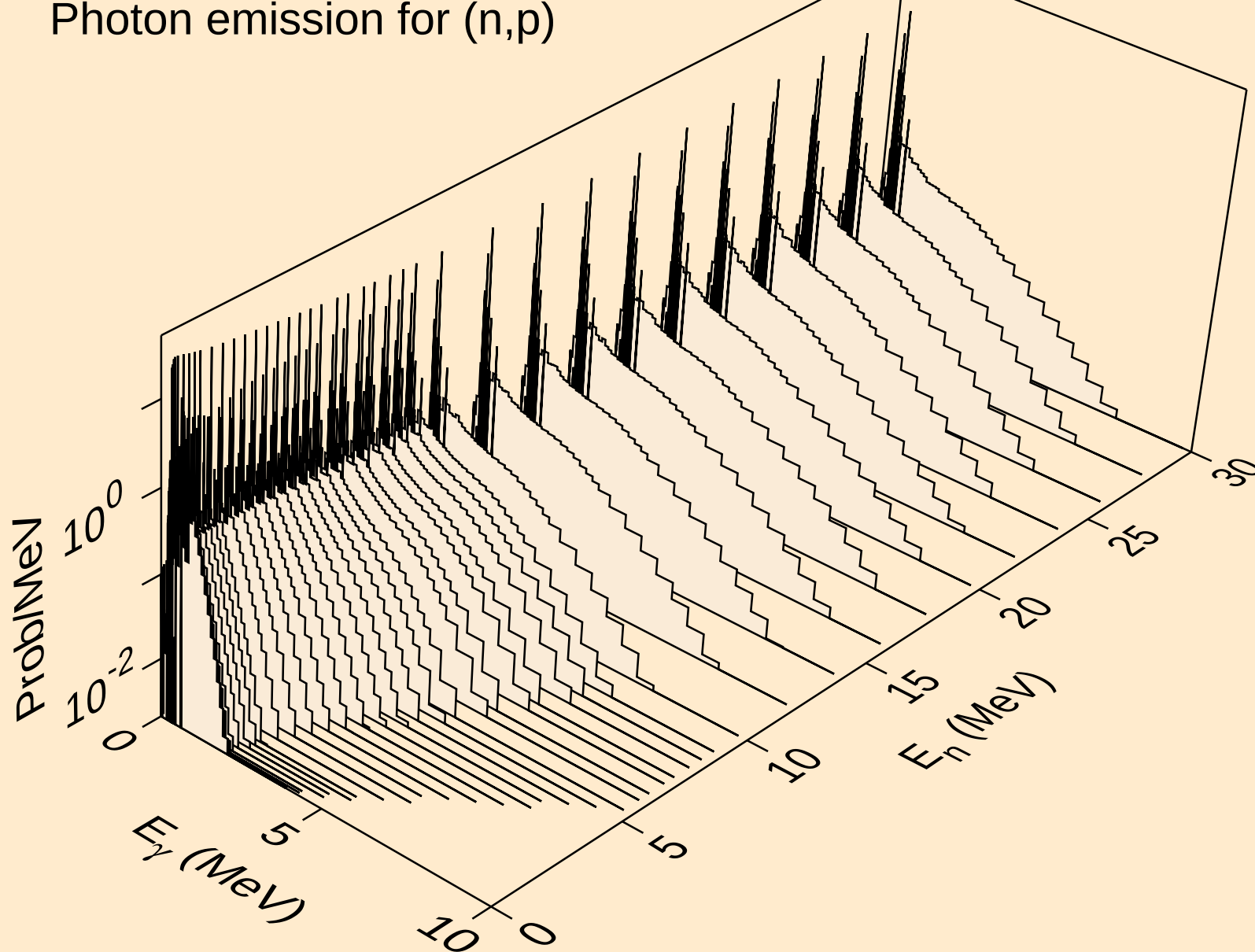
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,n^*c)



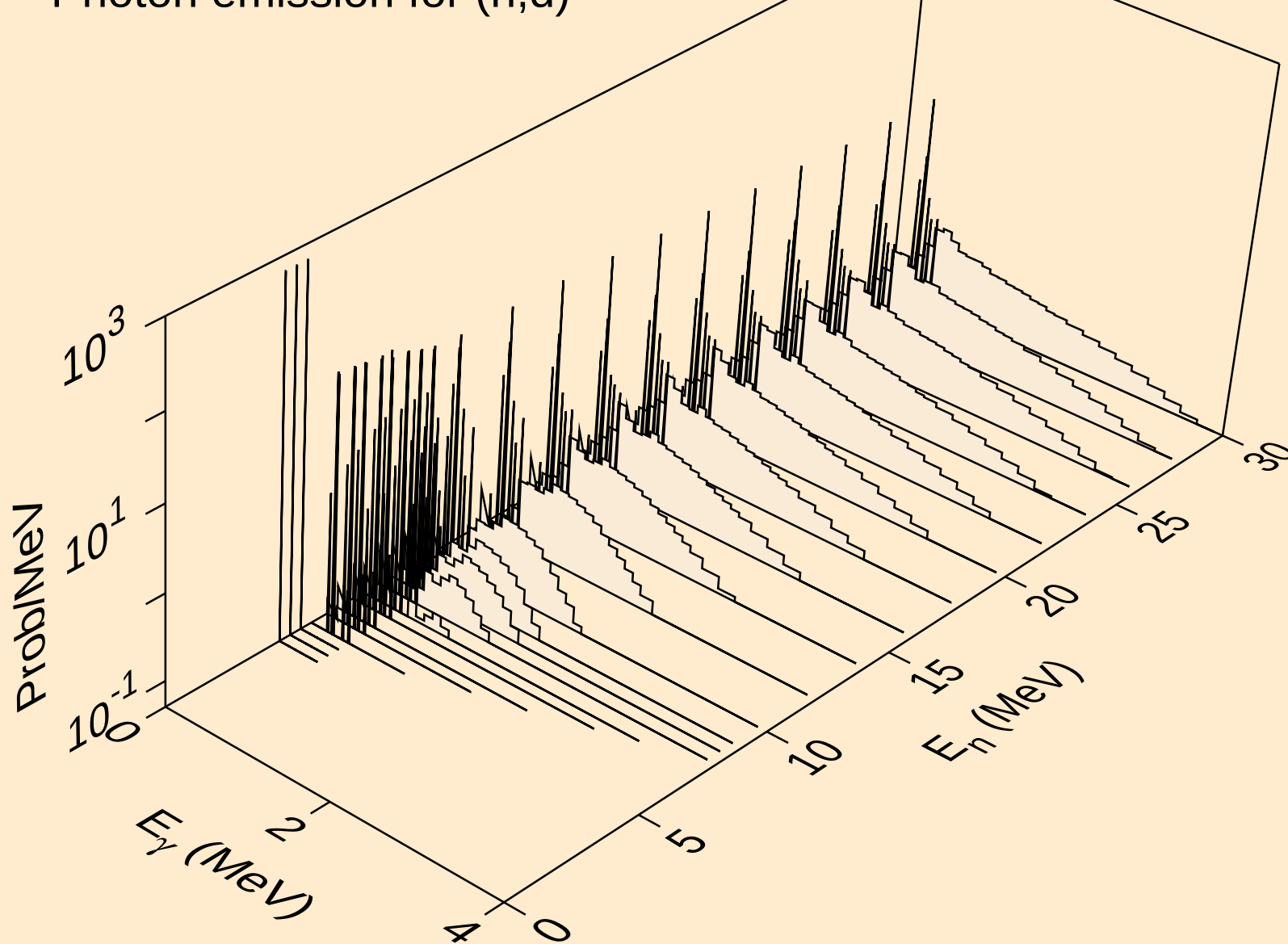
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



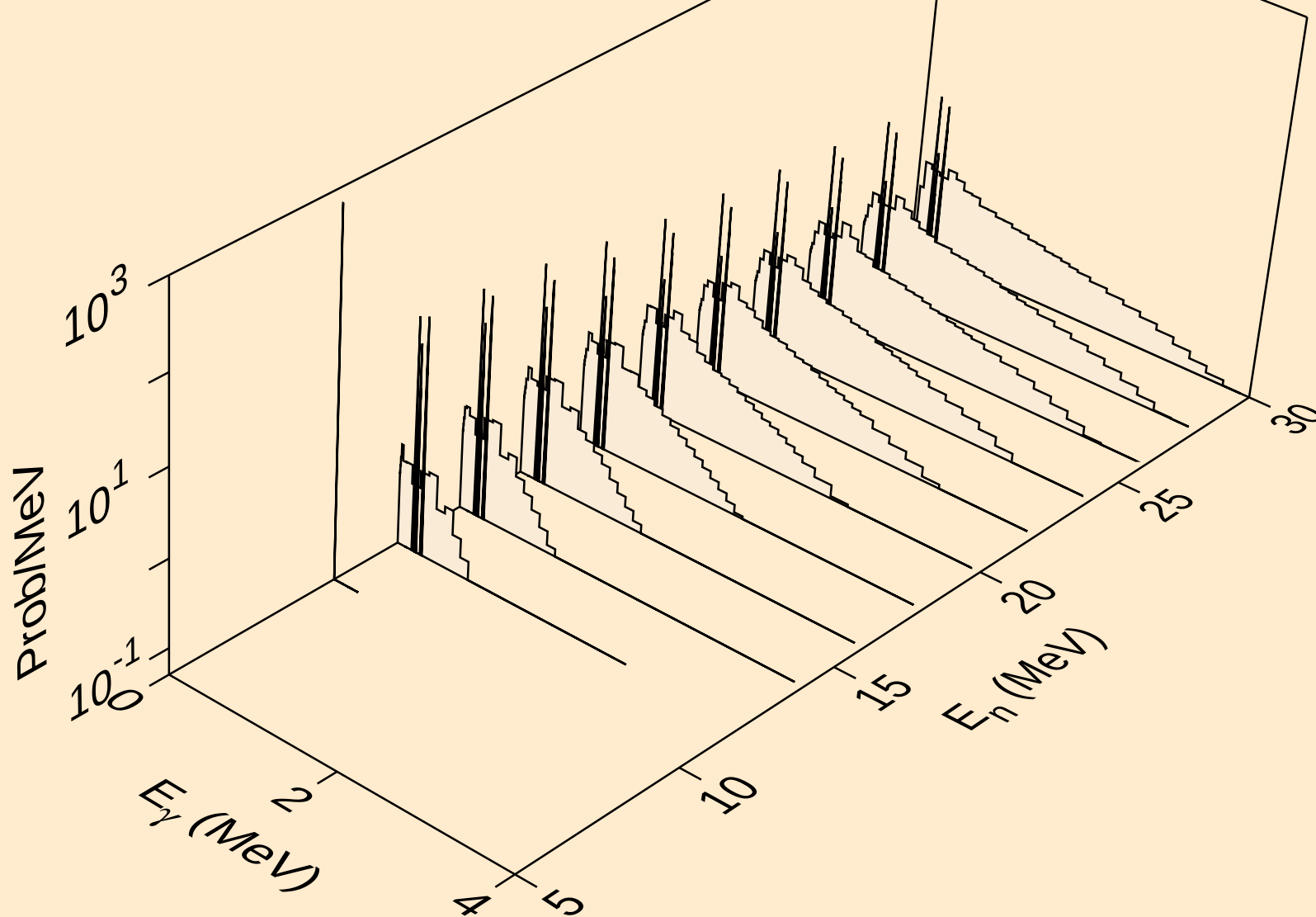
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



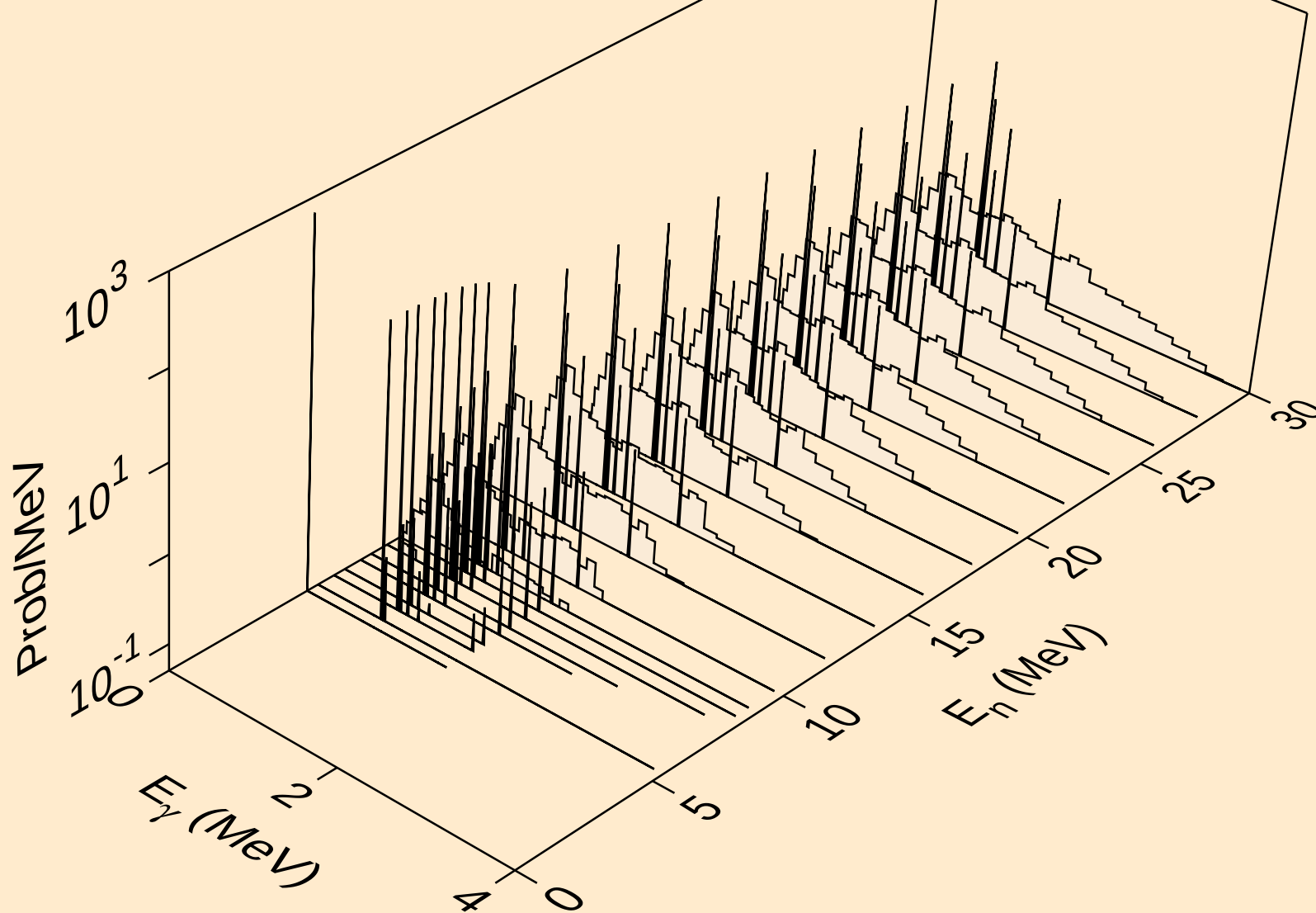
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



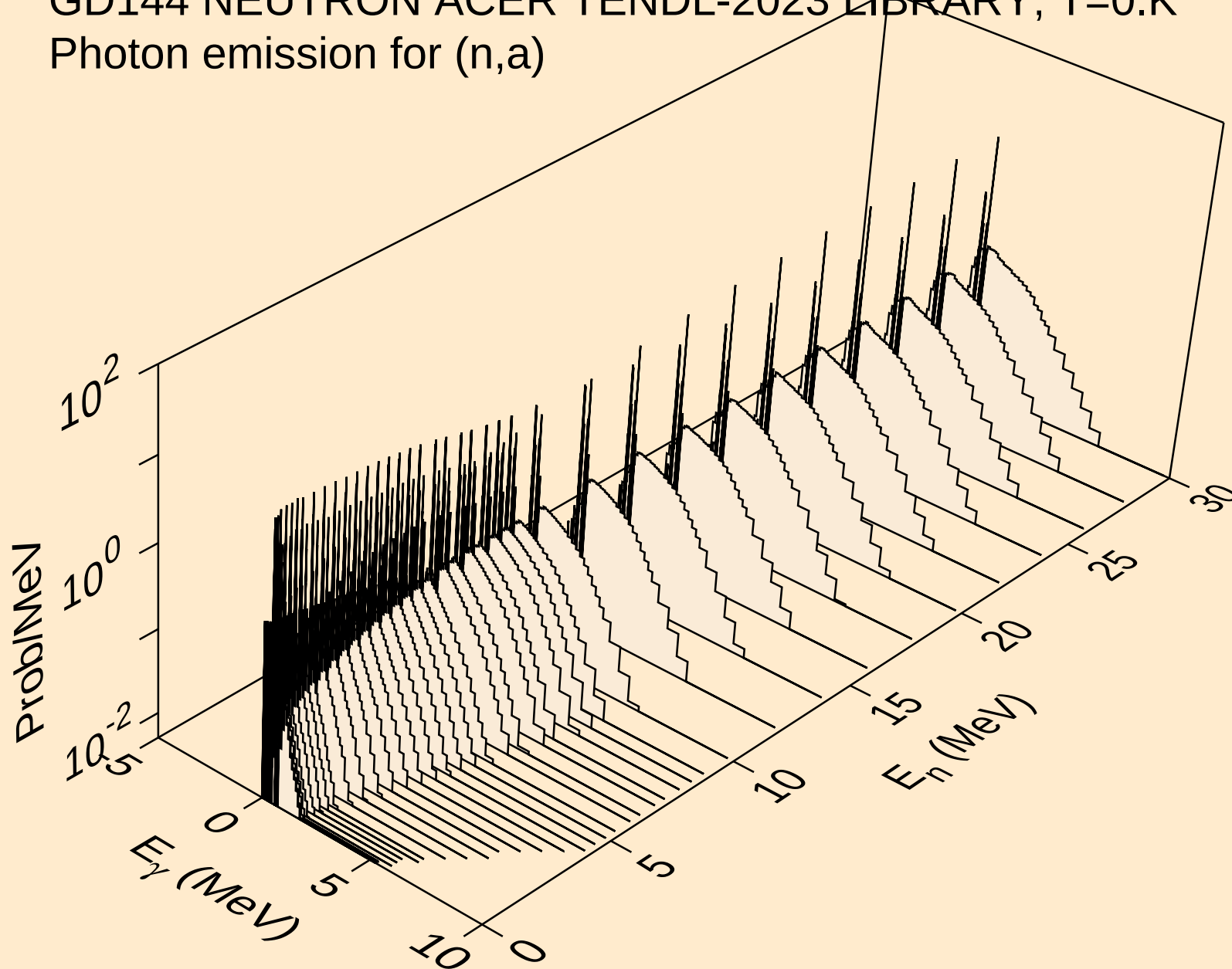
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



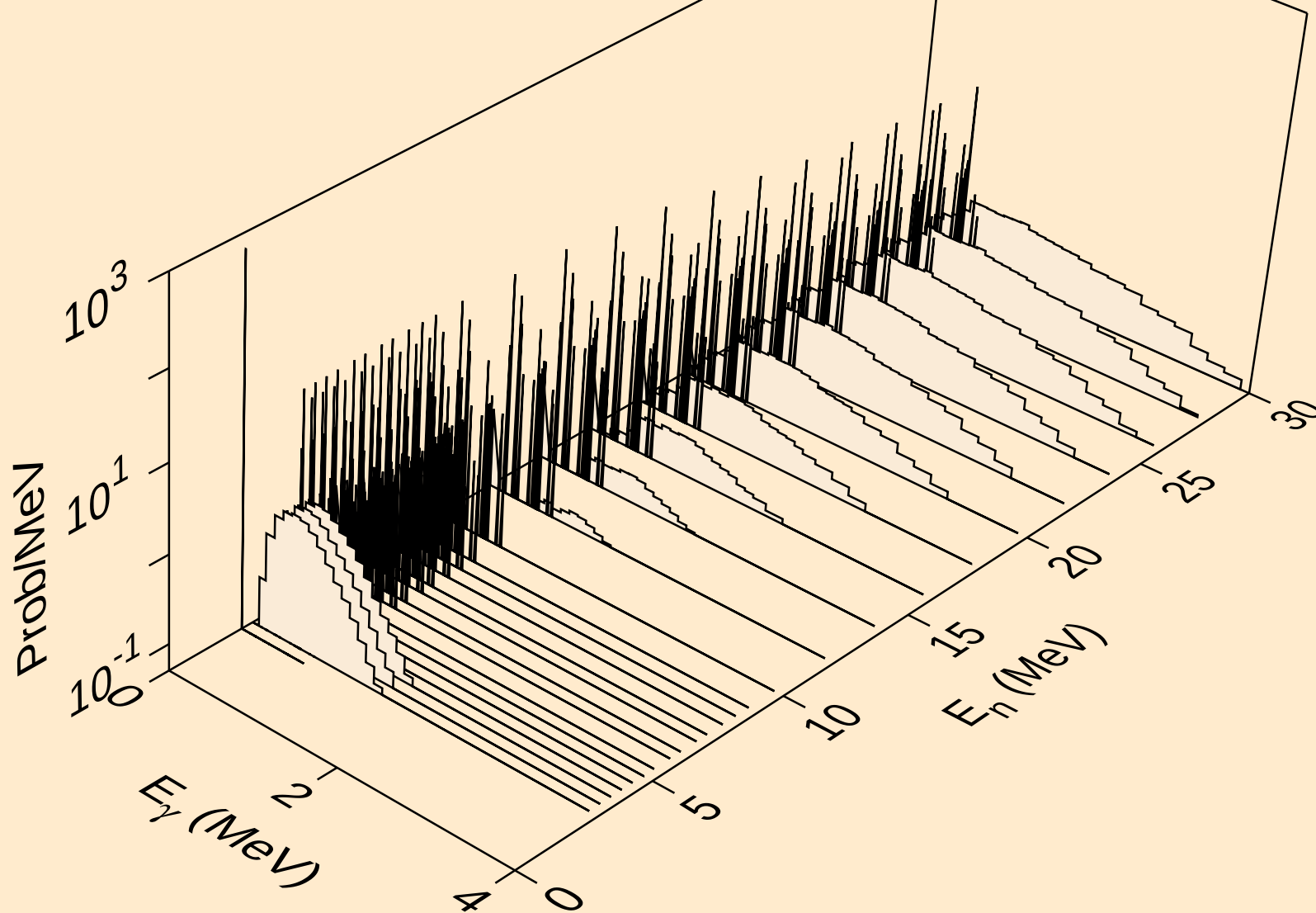
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,he3)



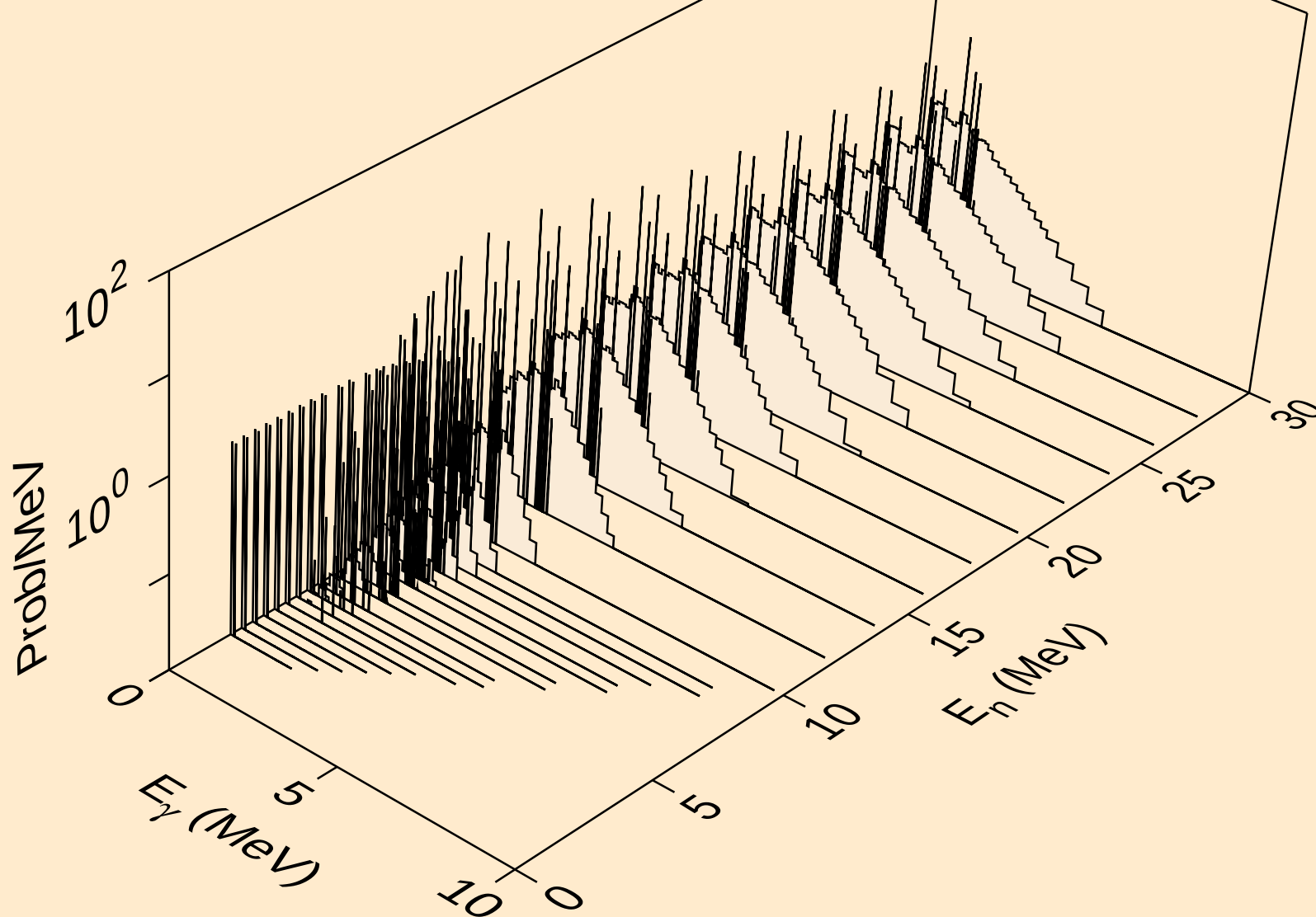
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



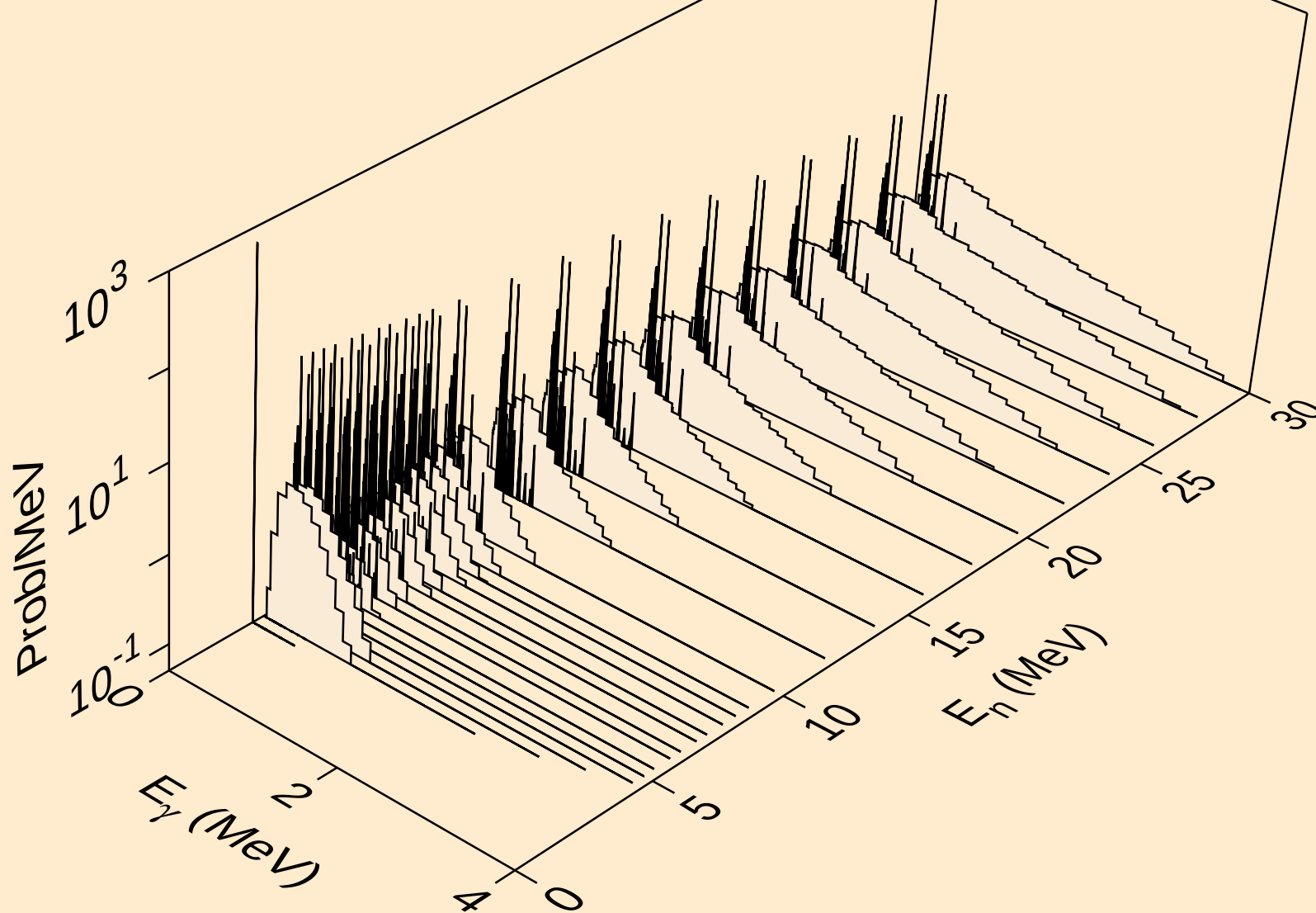
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



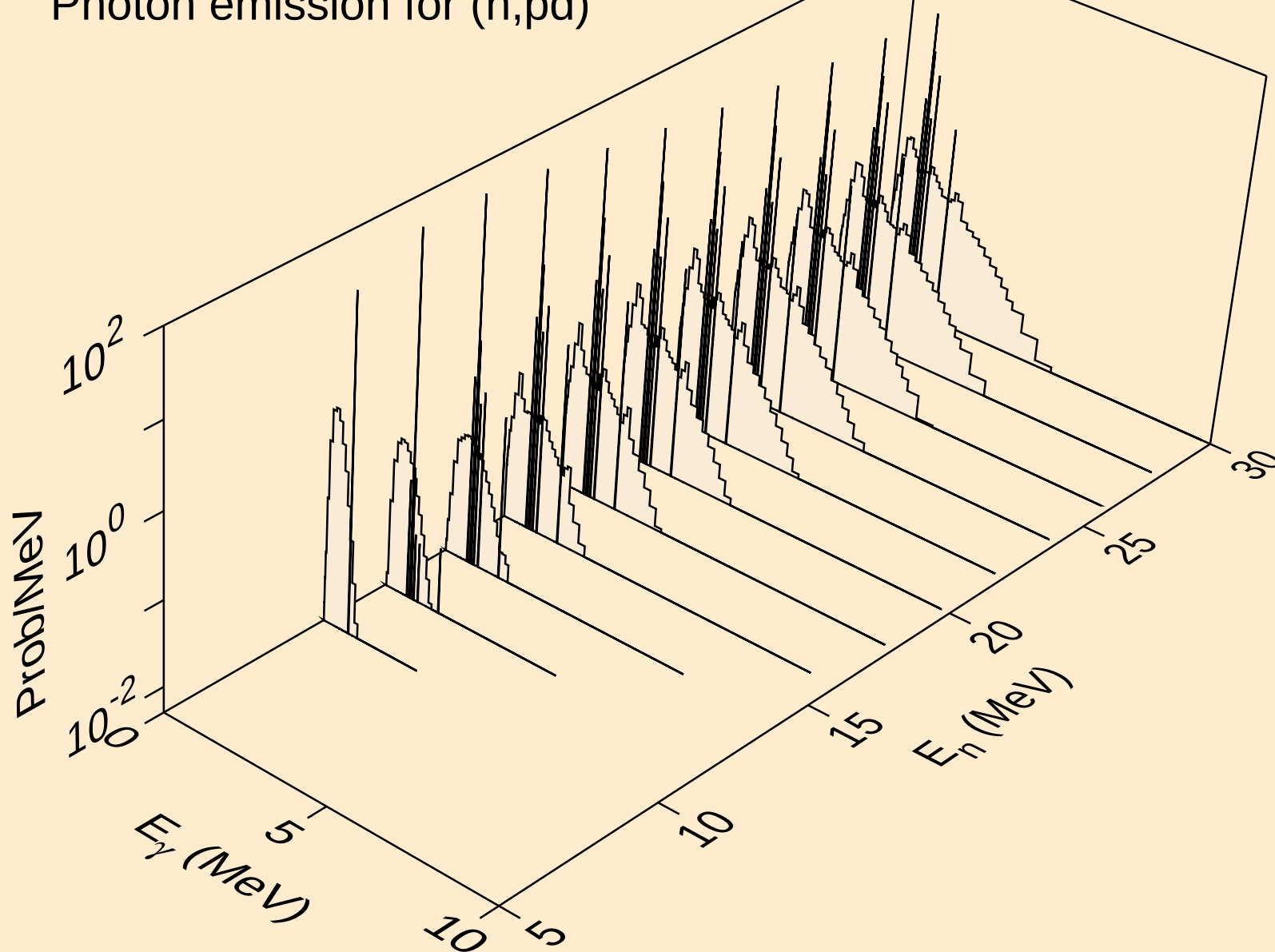
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



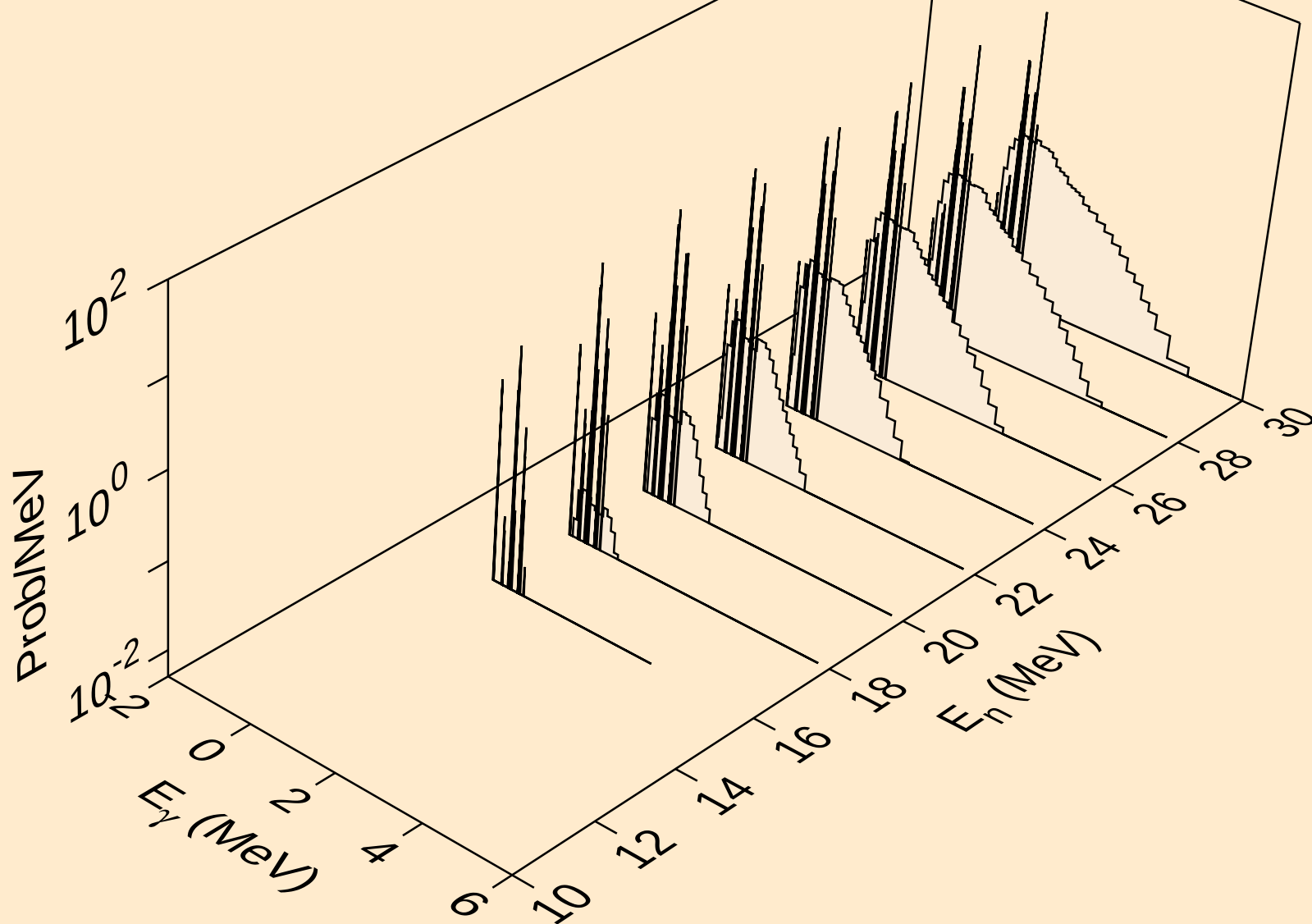
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p α)



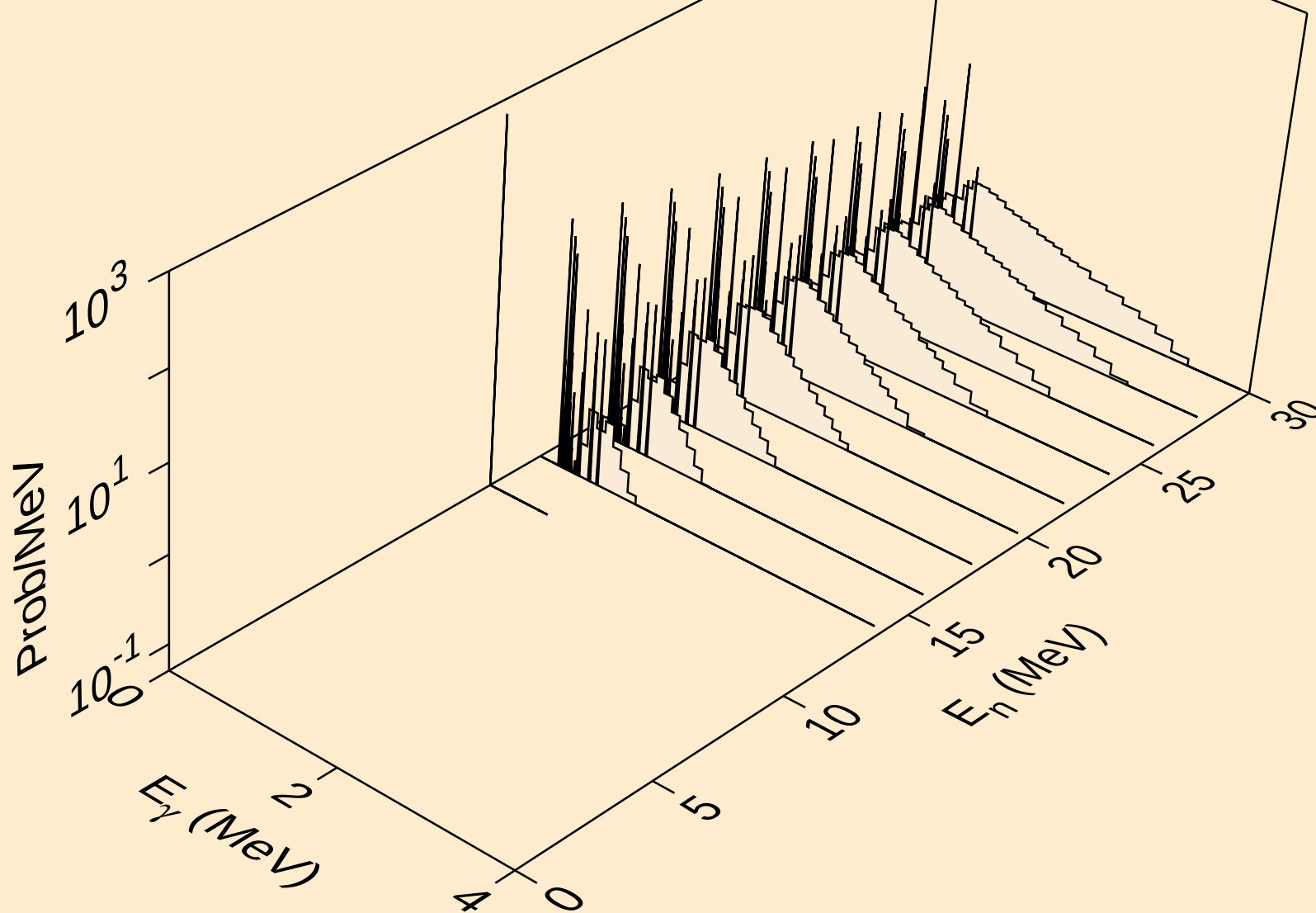
GD144 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,pd)



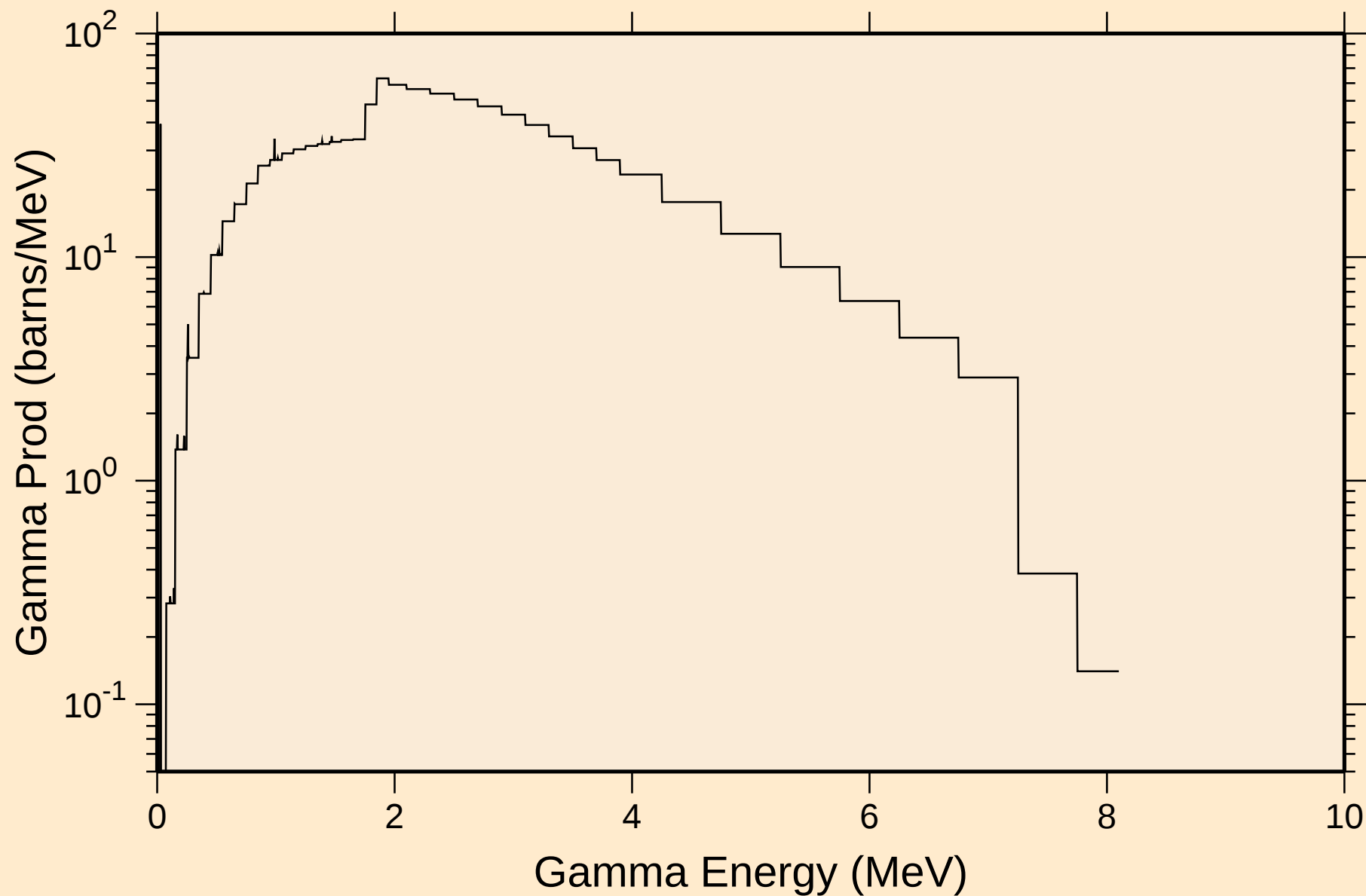
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



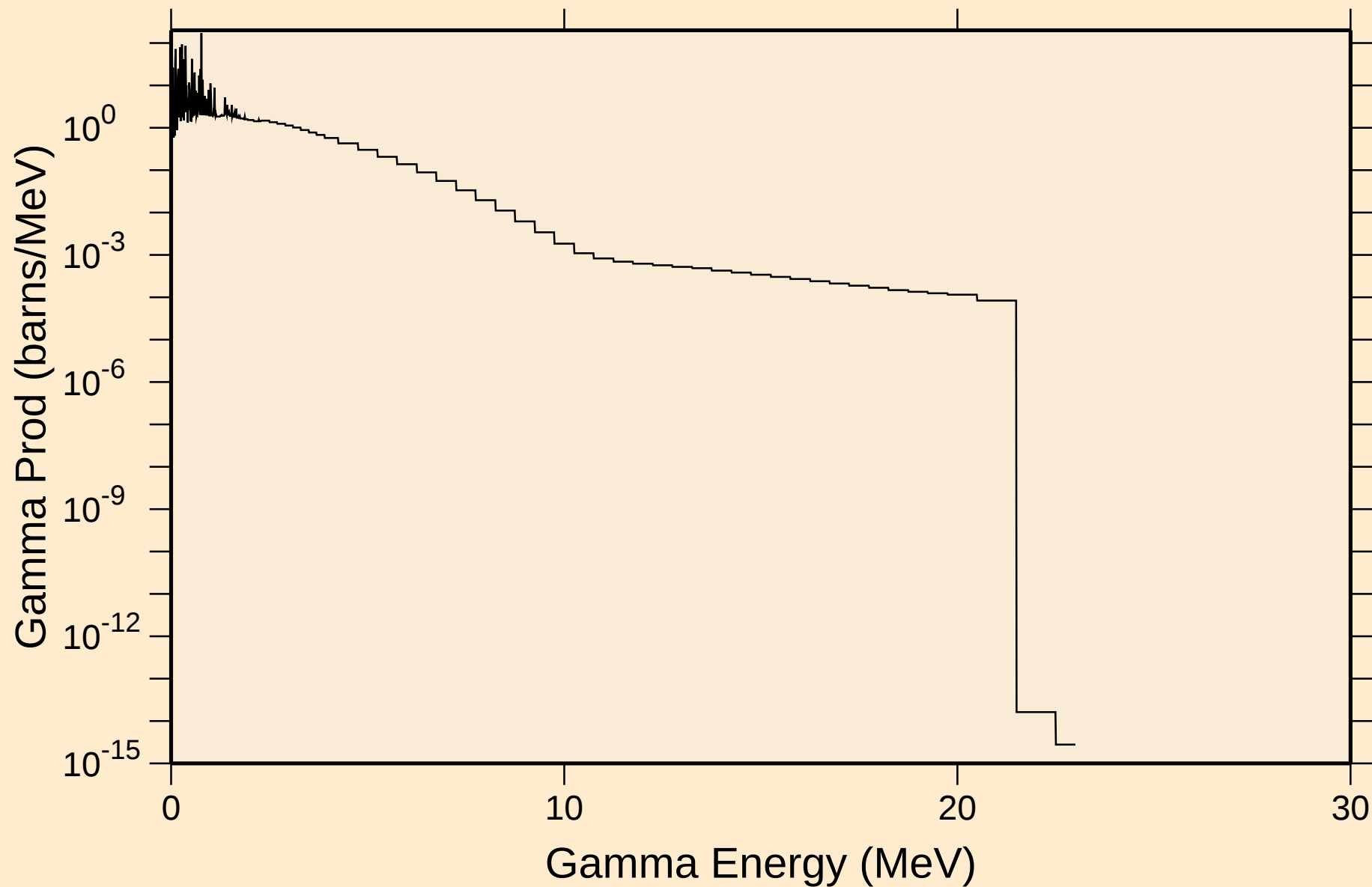
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

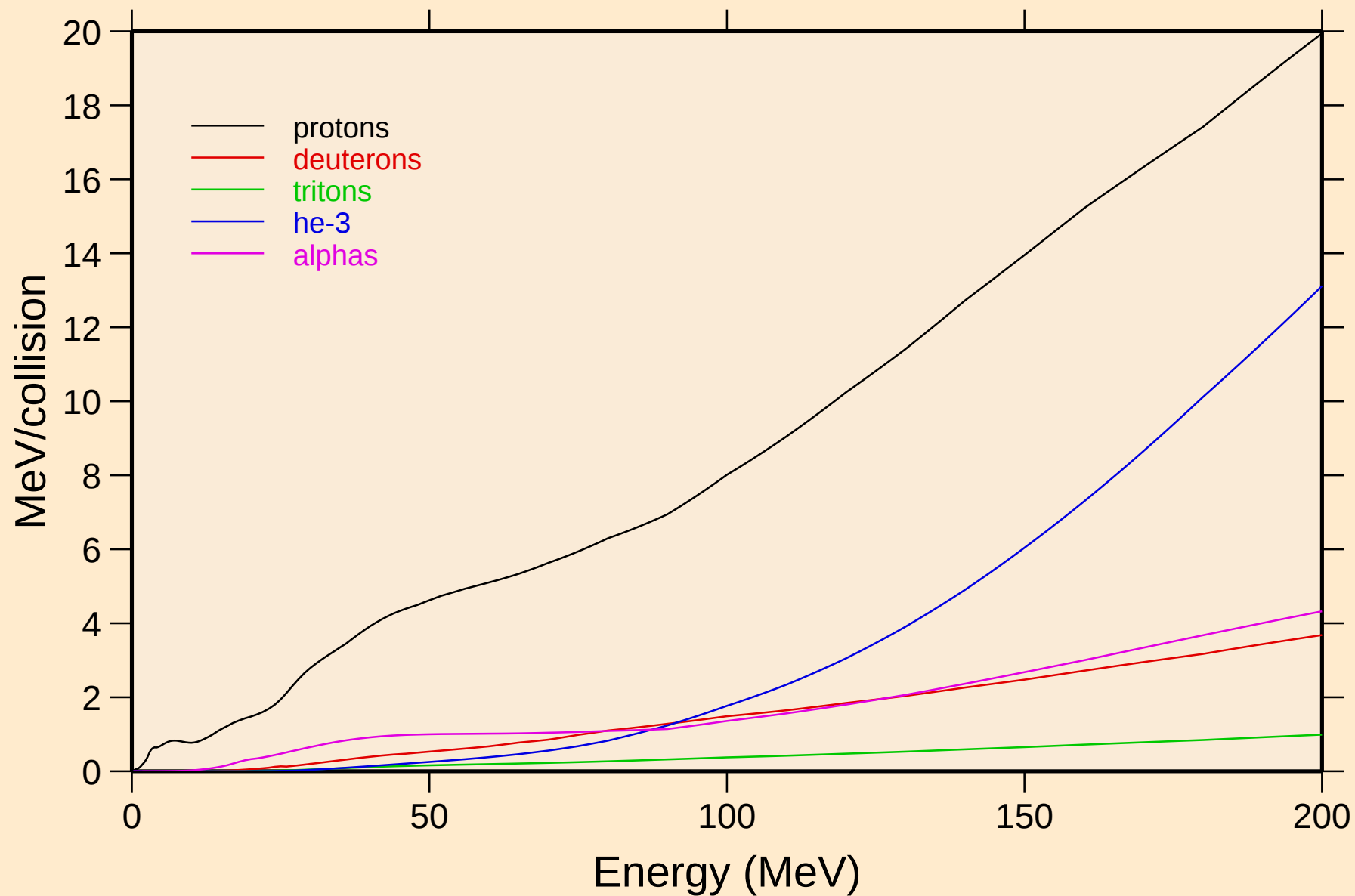


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



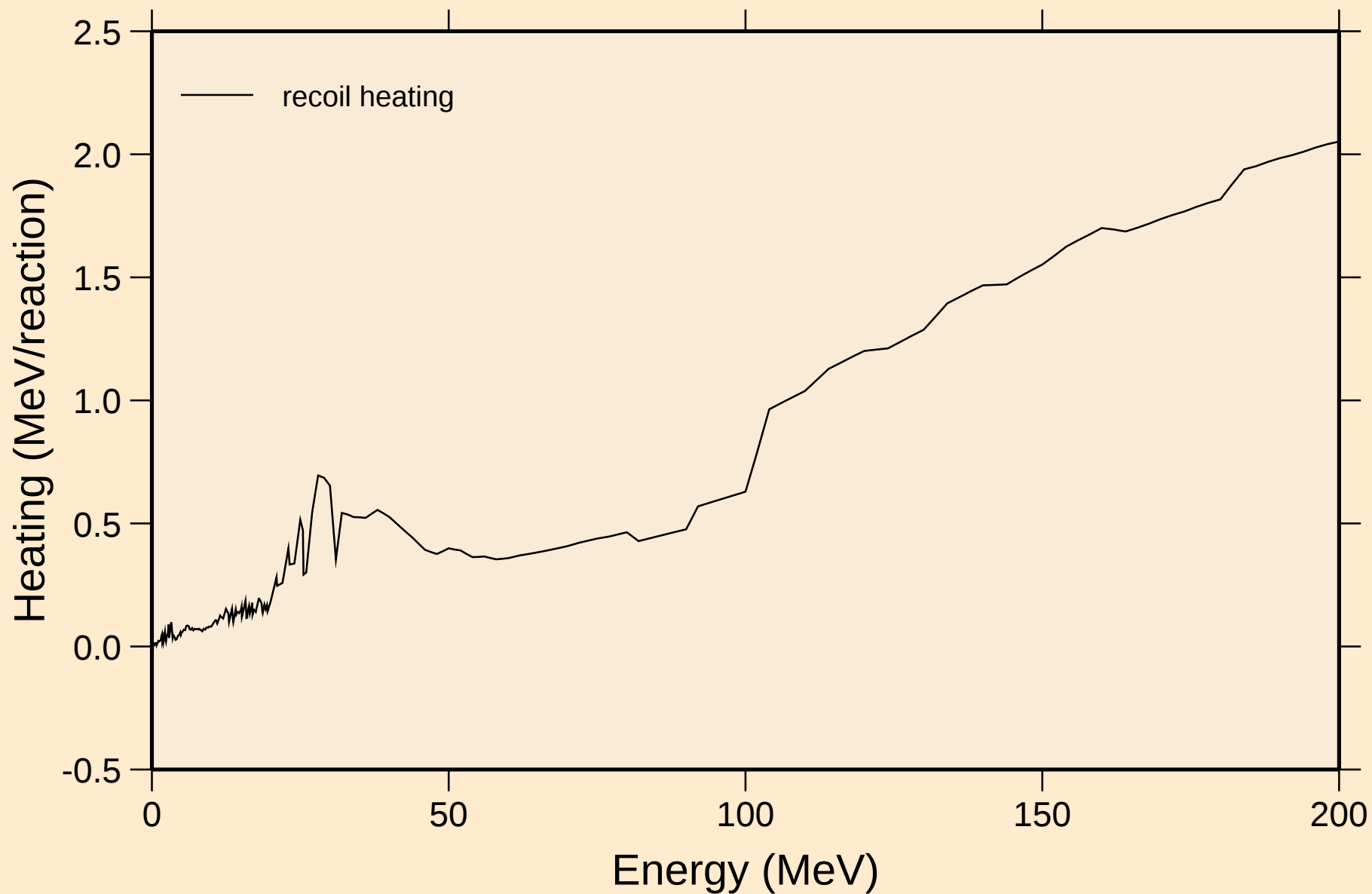
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



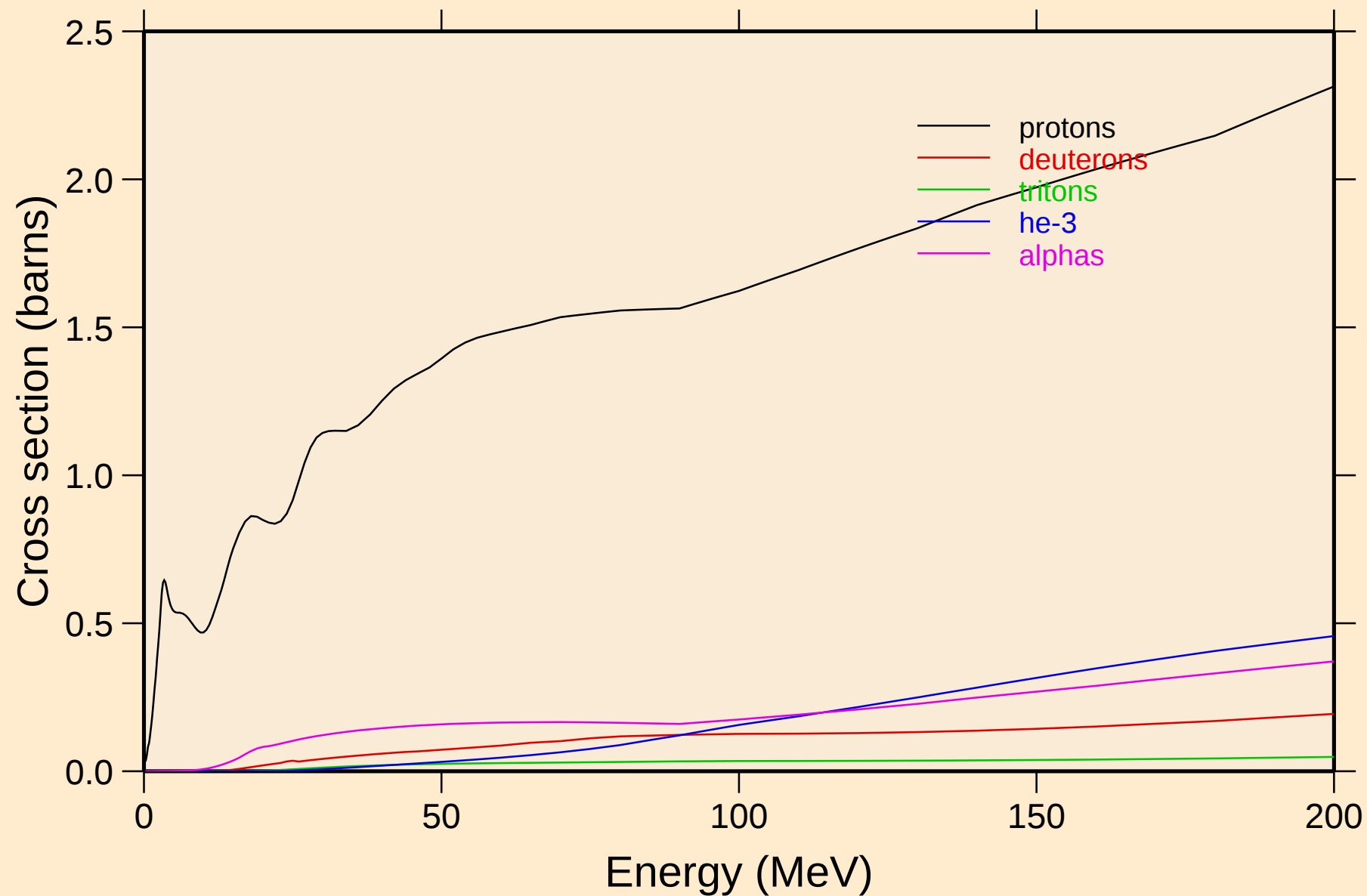
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

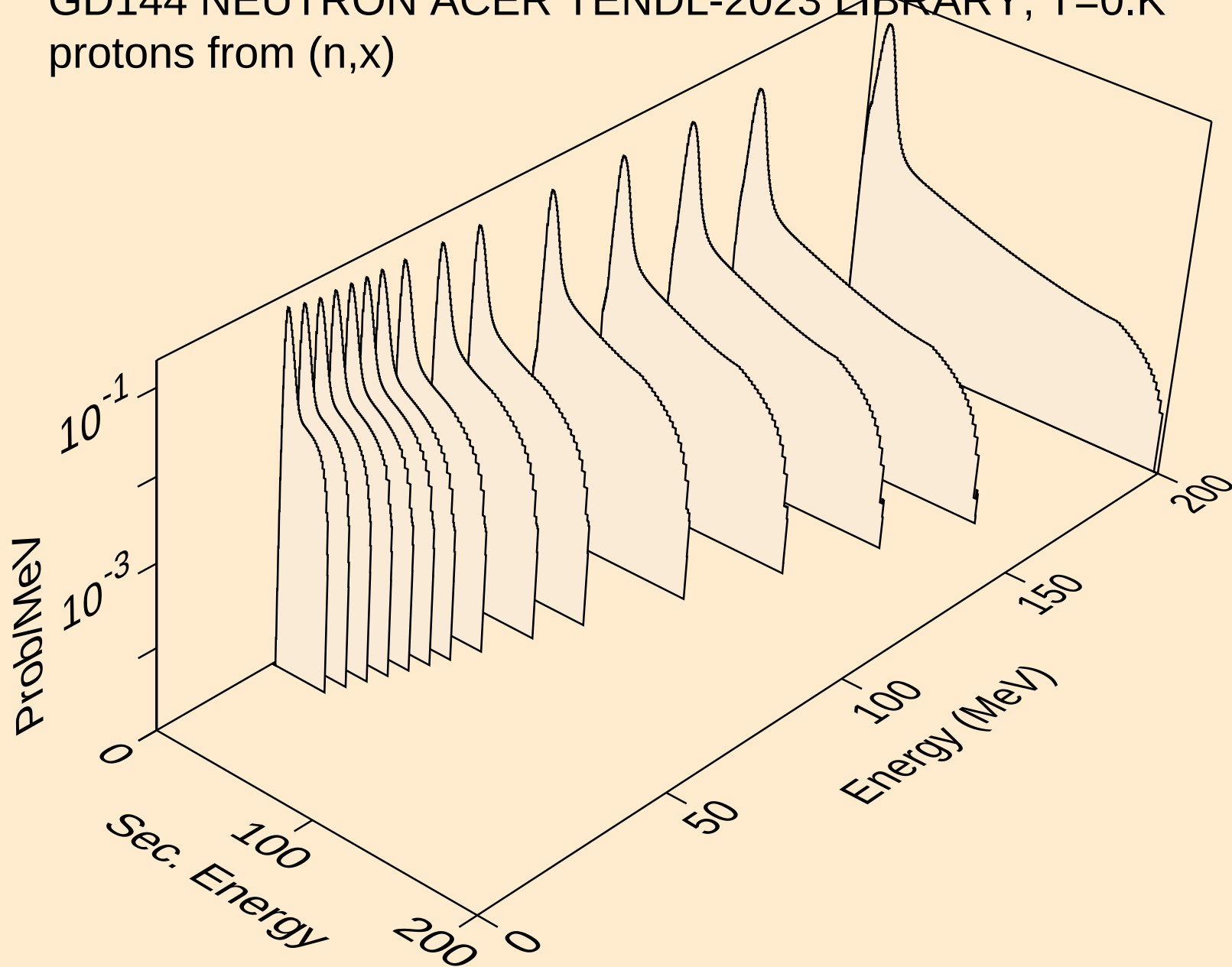


GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

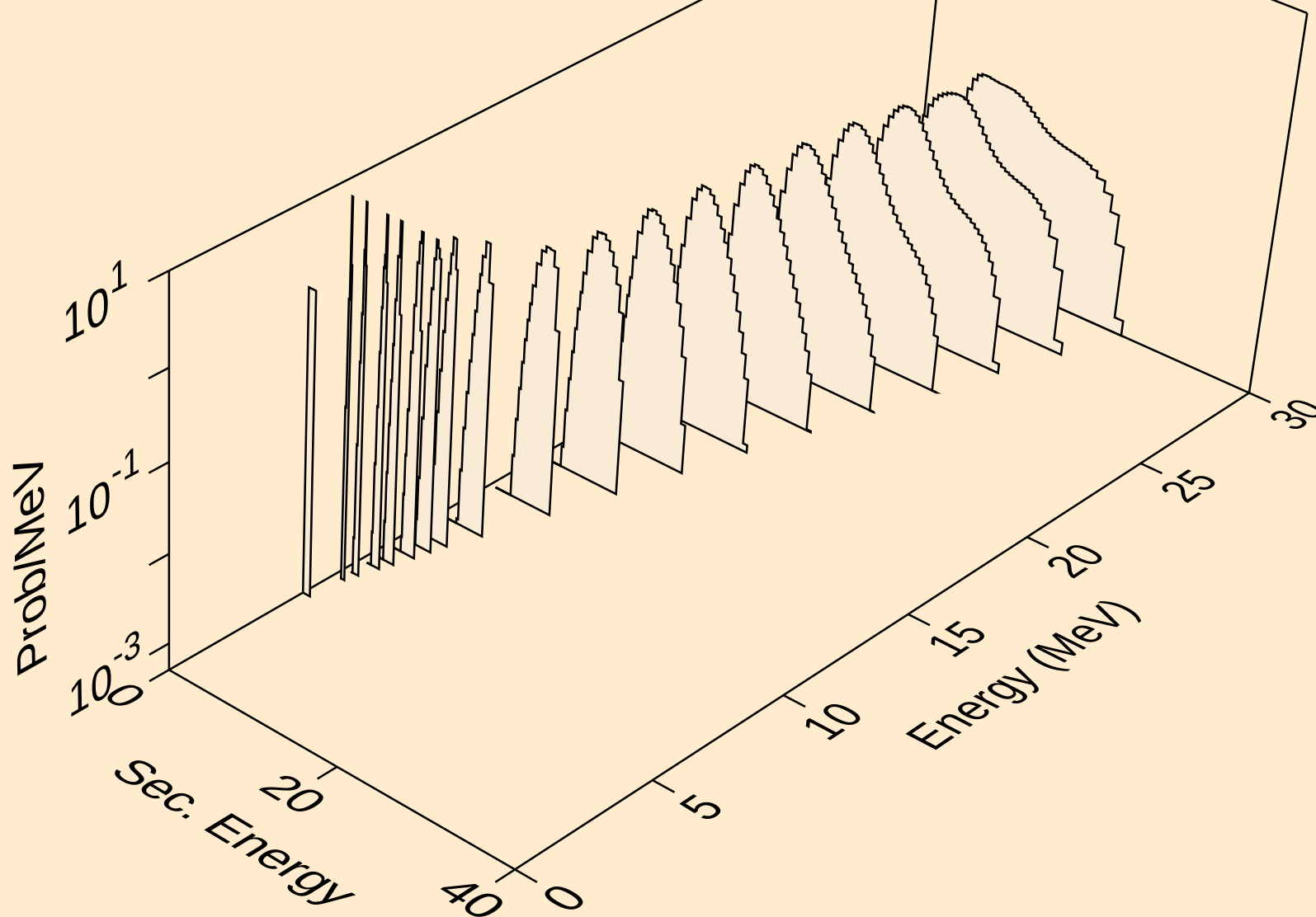
Particle production cross sections



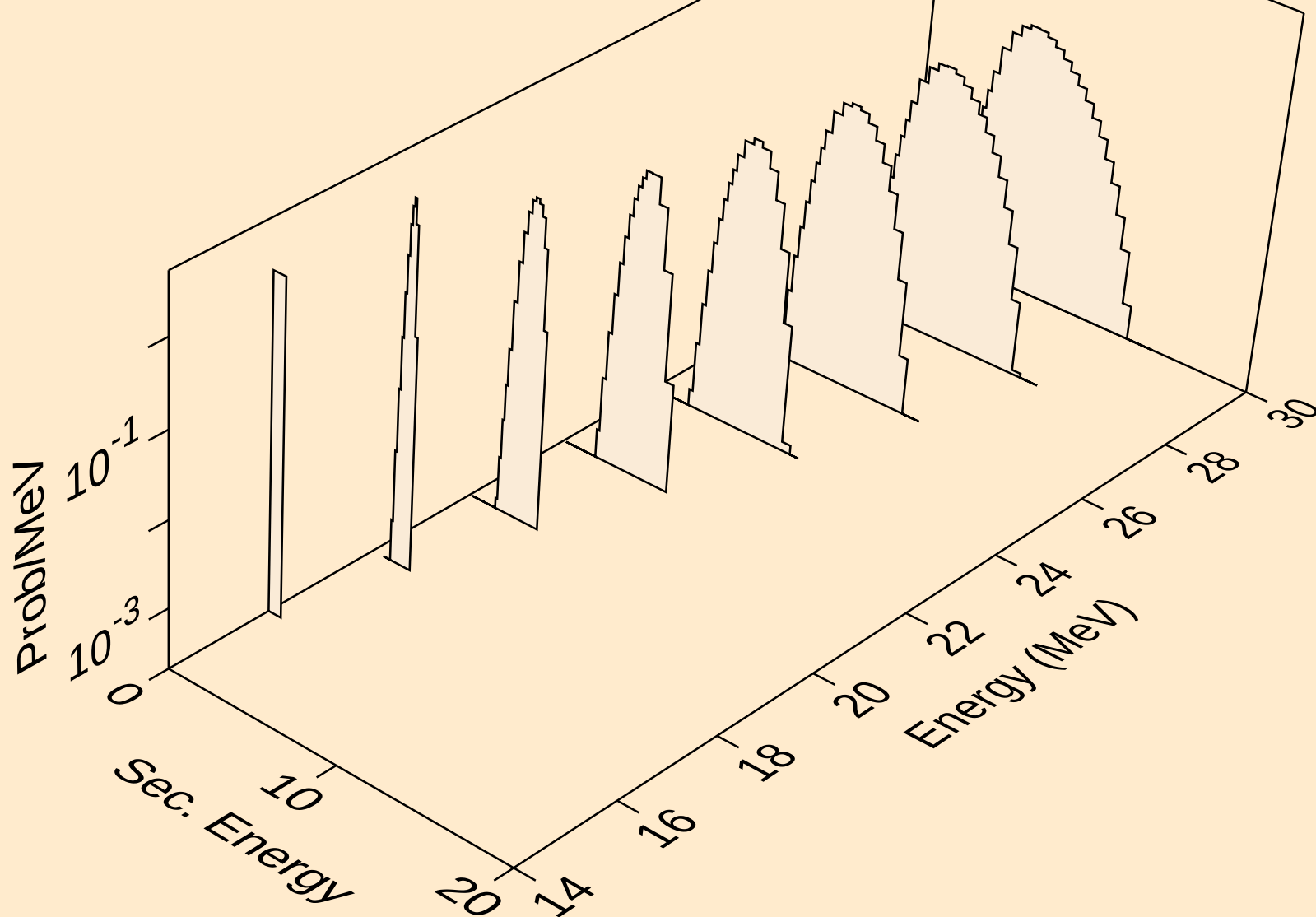
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



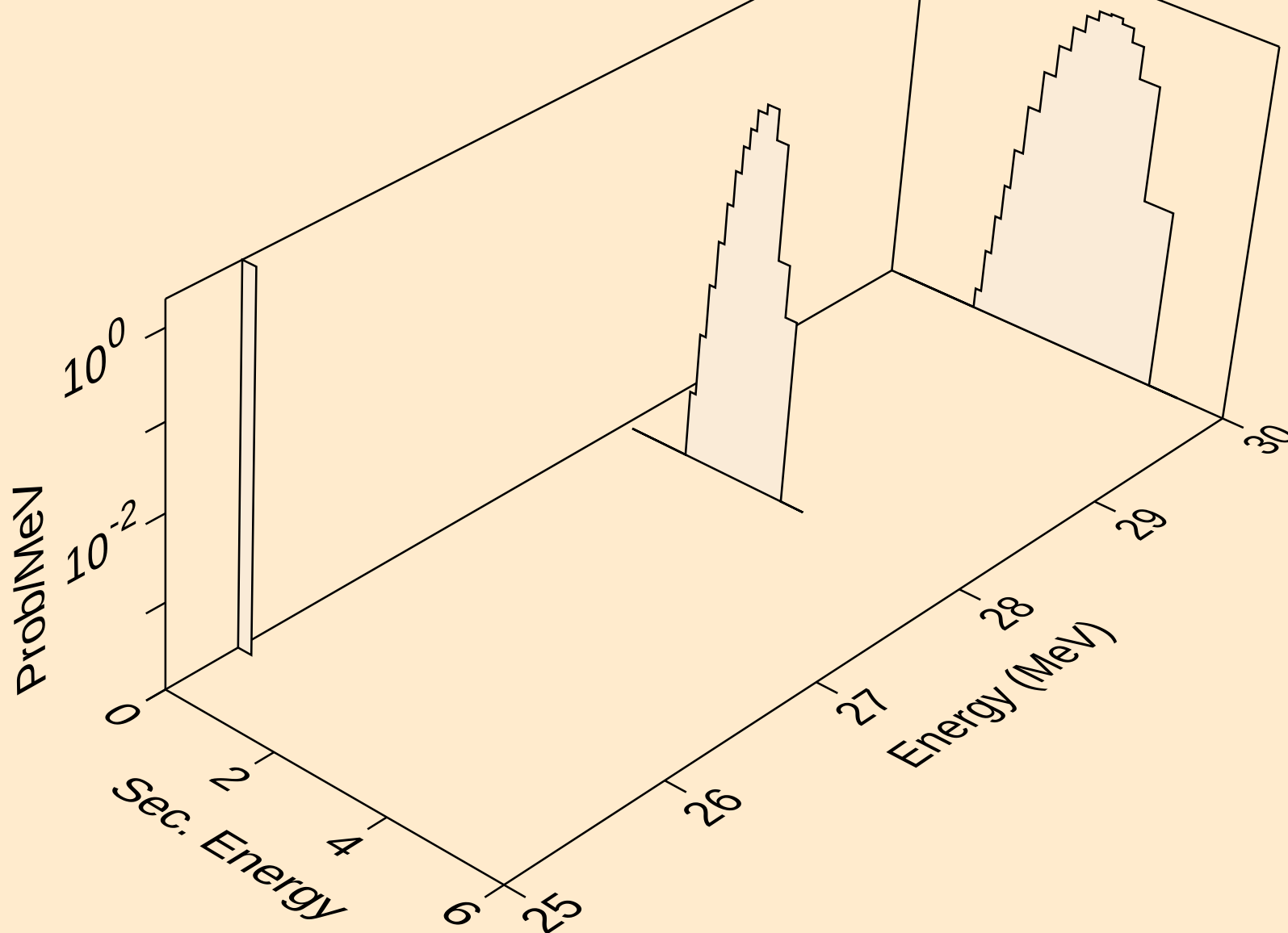
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



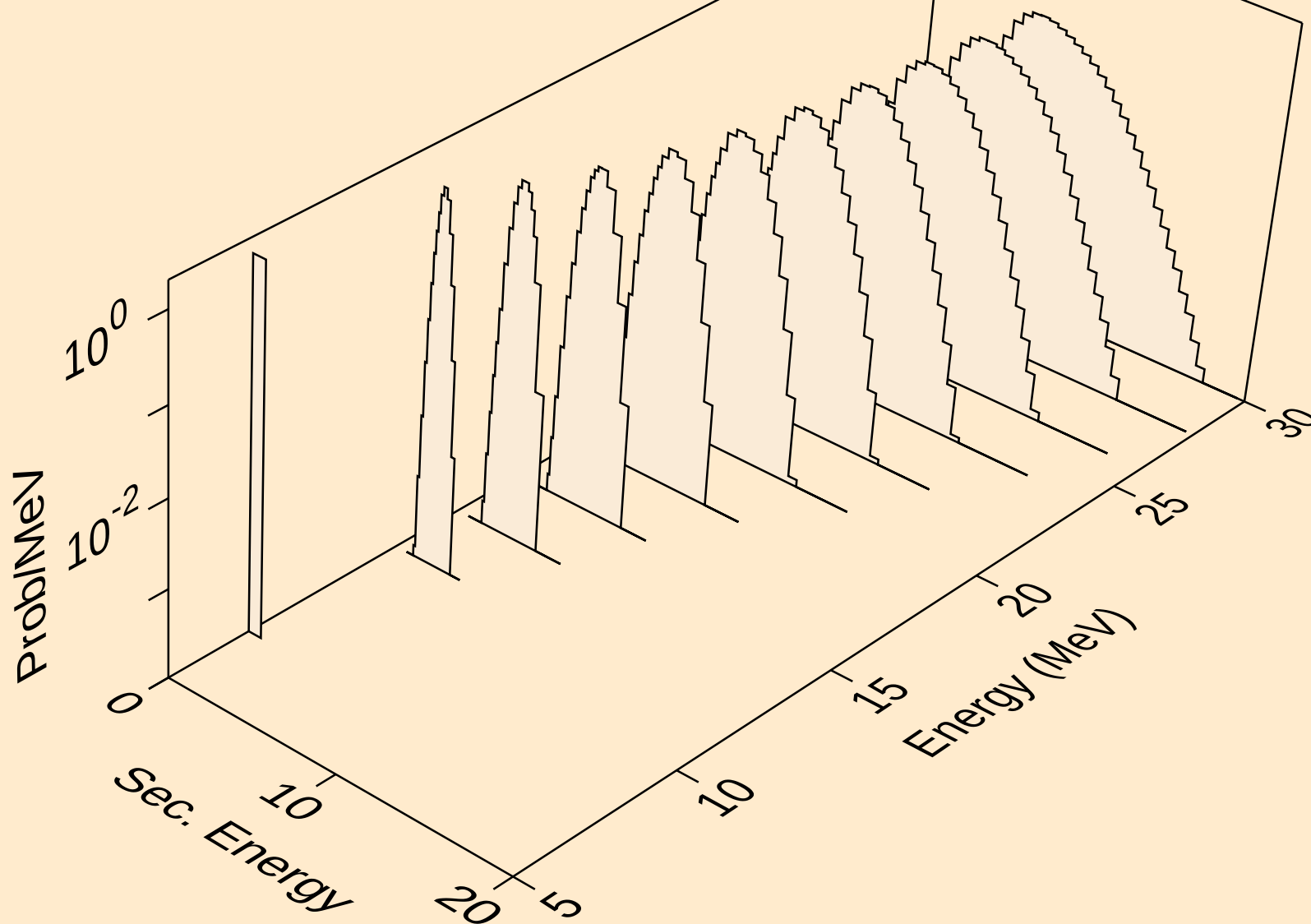
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protons from (n,2np)



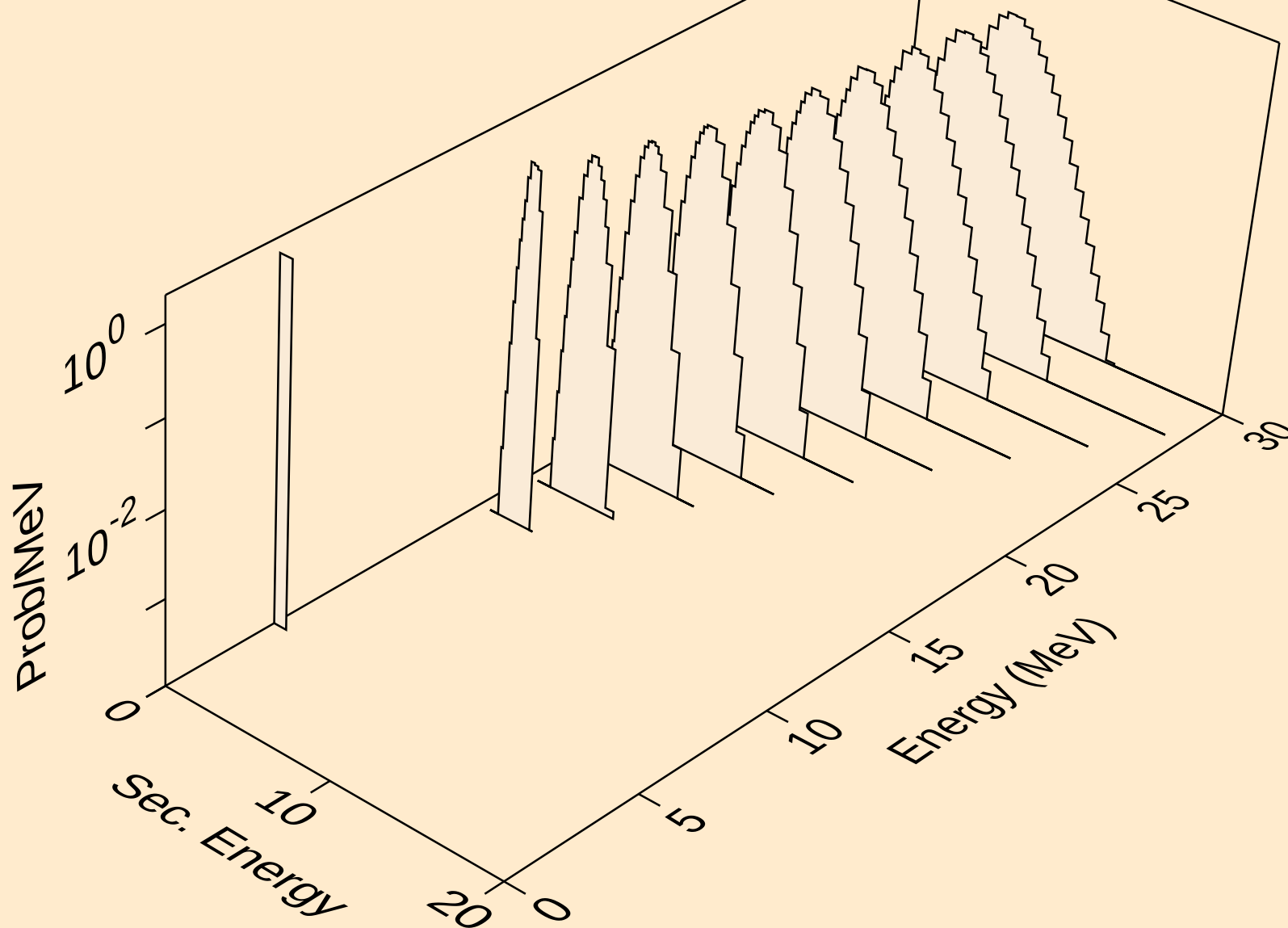
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protons from (n,3np)



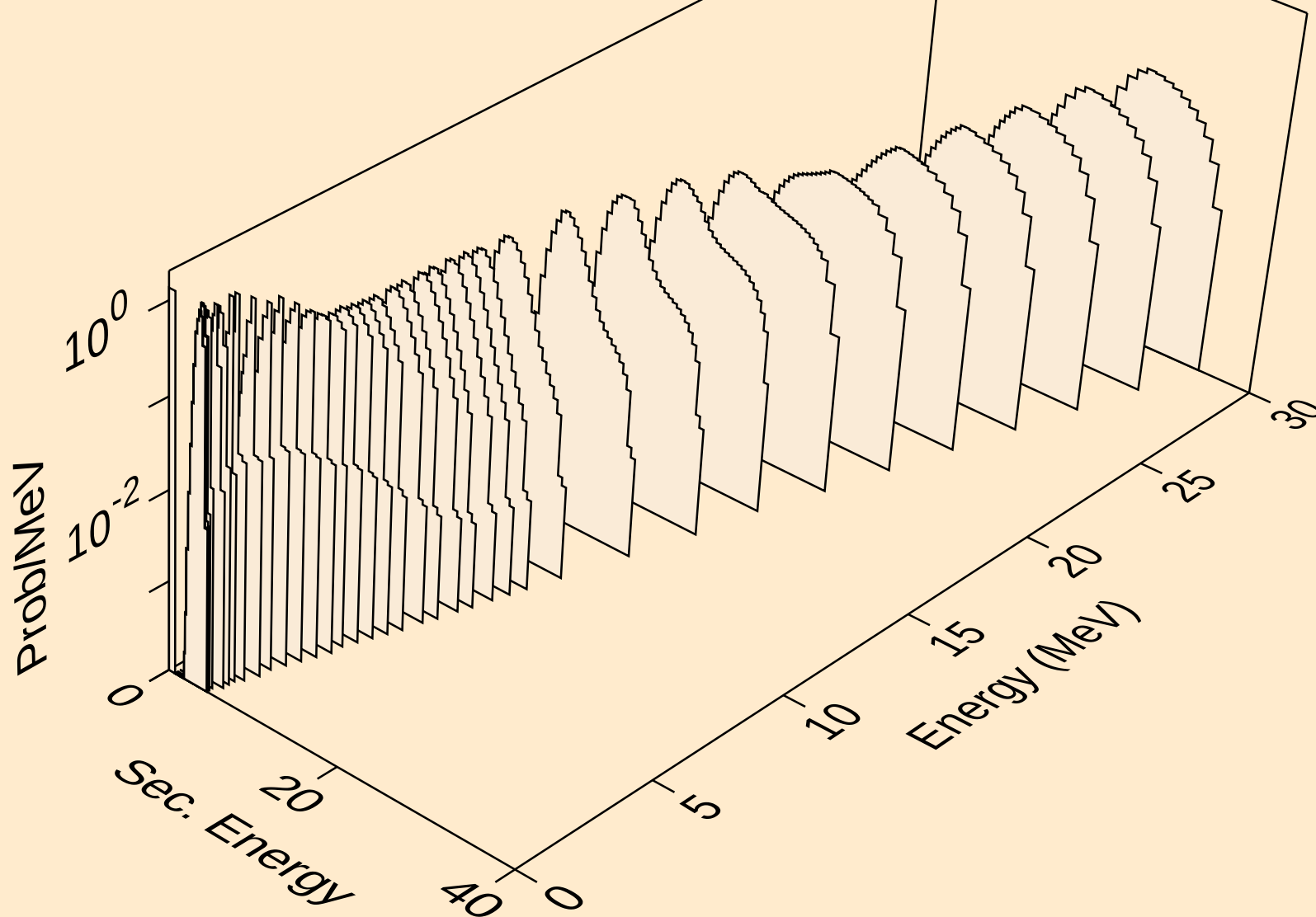
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protons from (n,n2p)



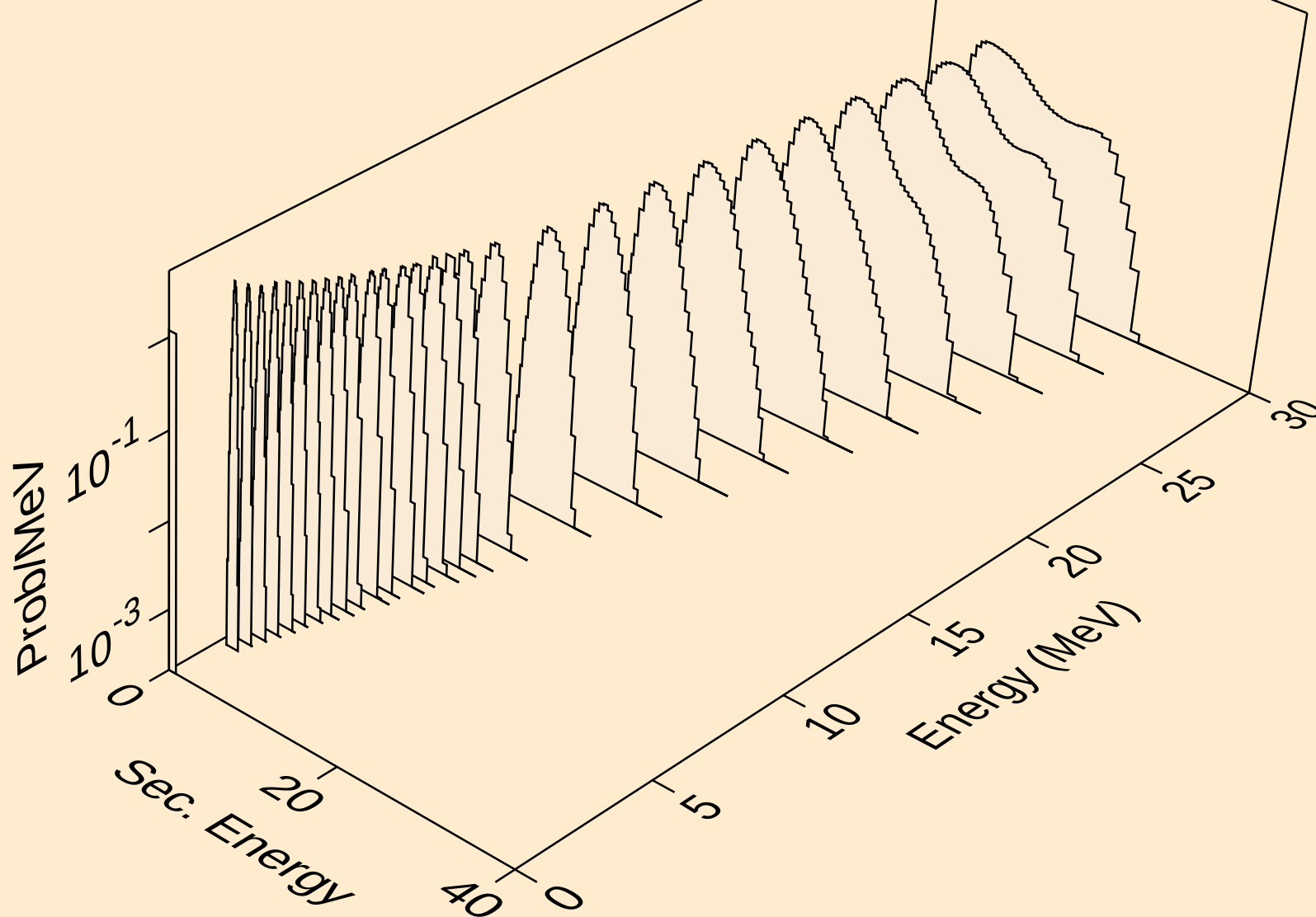
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protons from (n,npa)



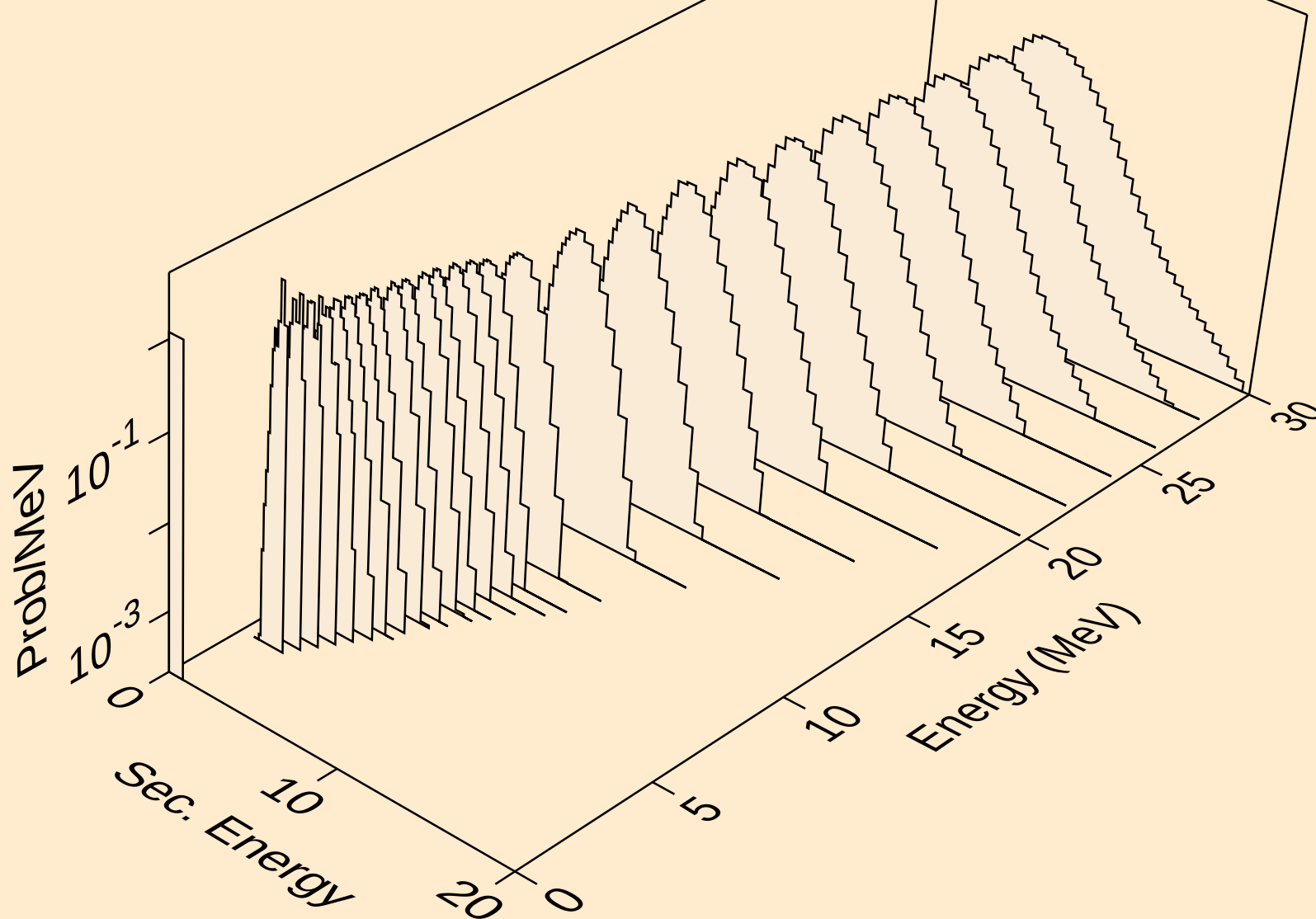
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protons from (n,p)



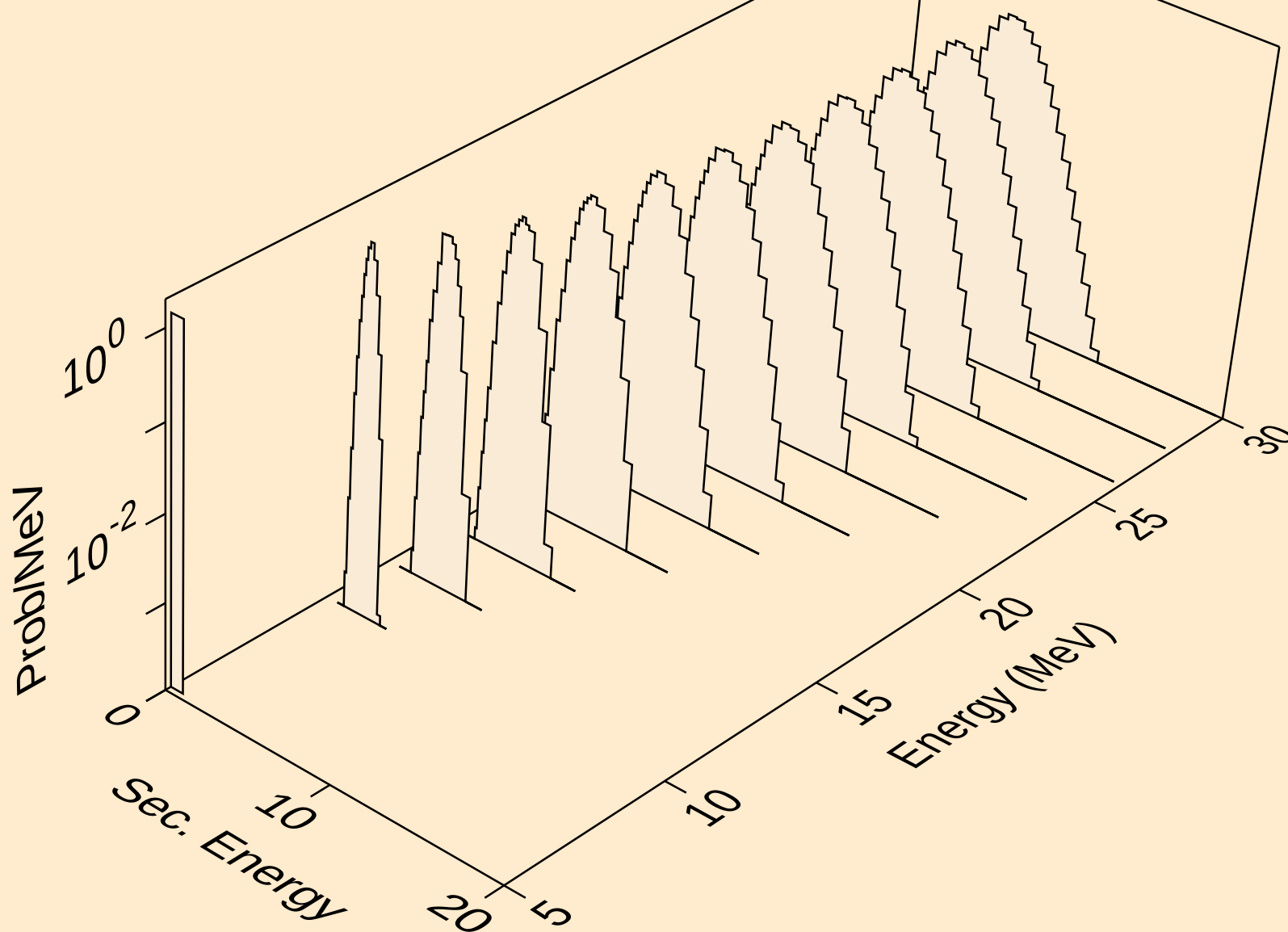
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protons from (n,2p)



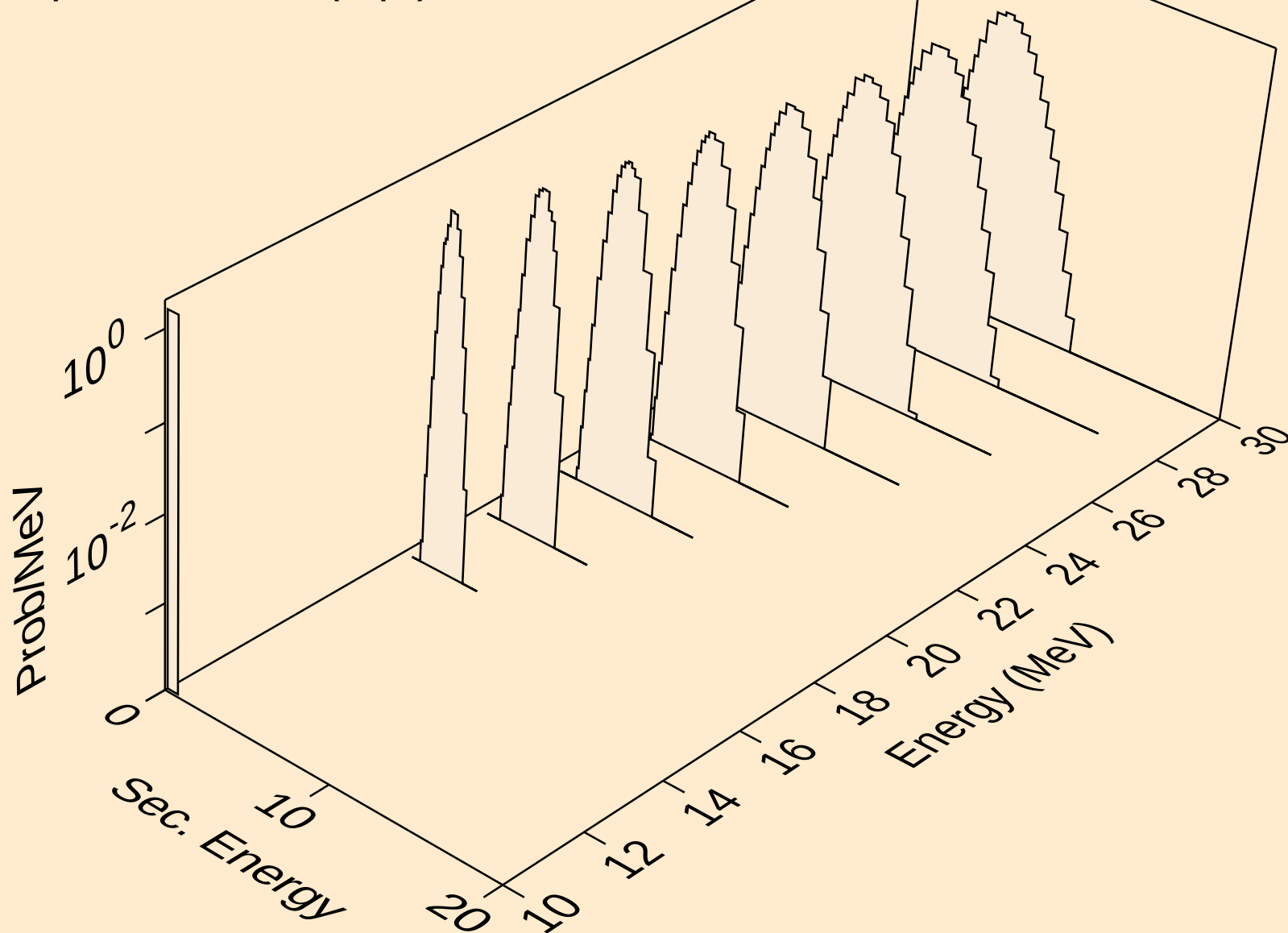
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protons from (n,p)



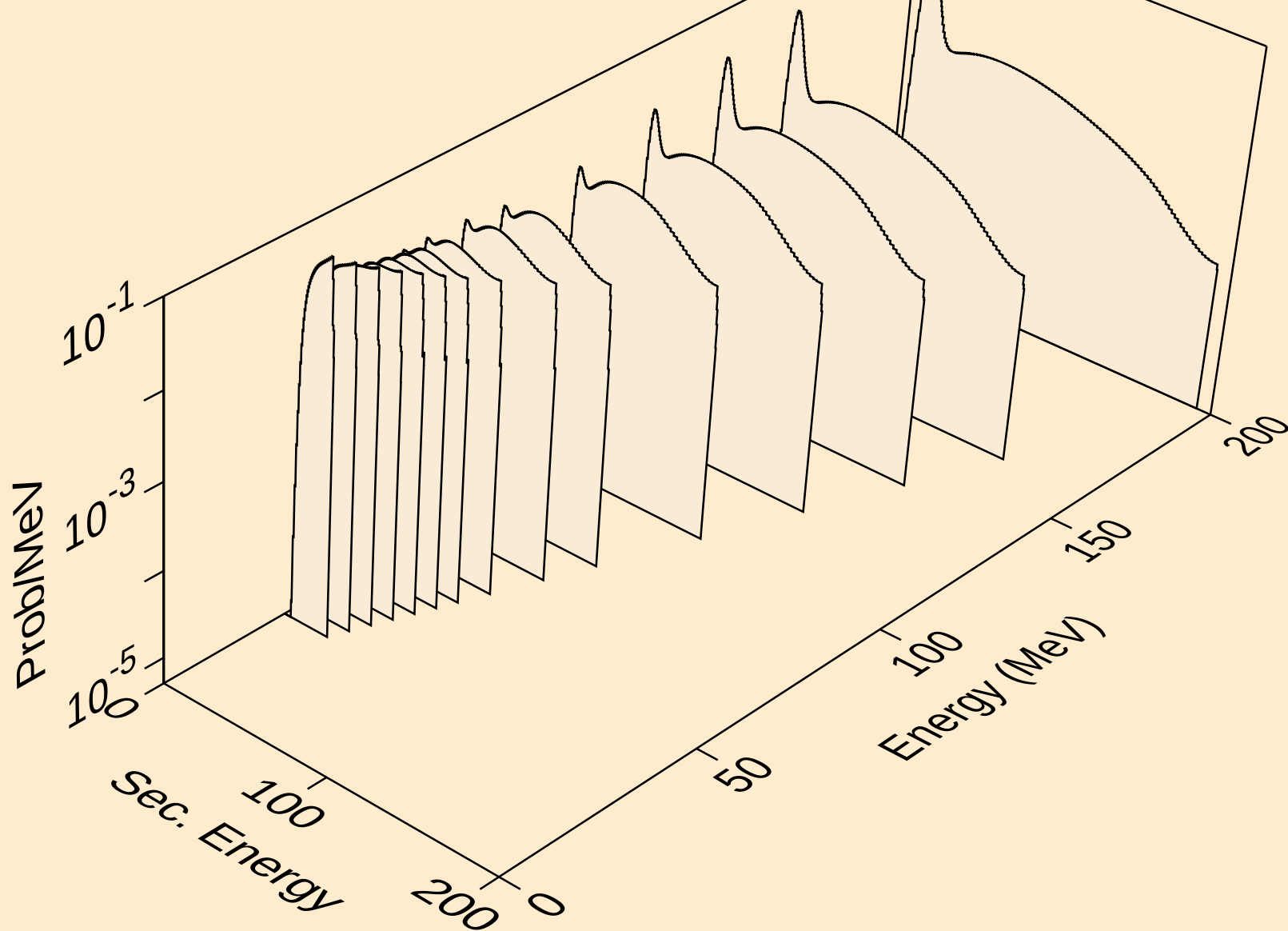
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



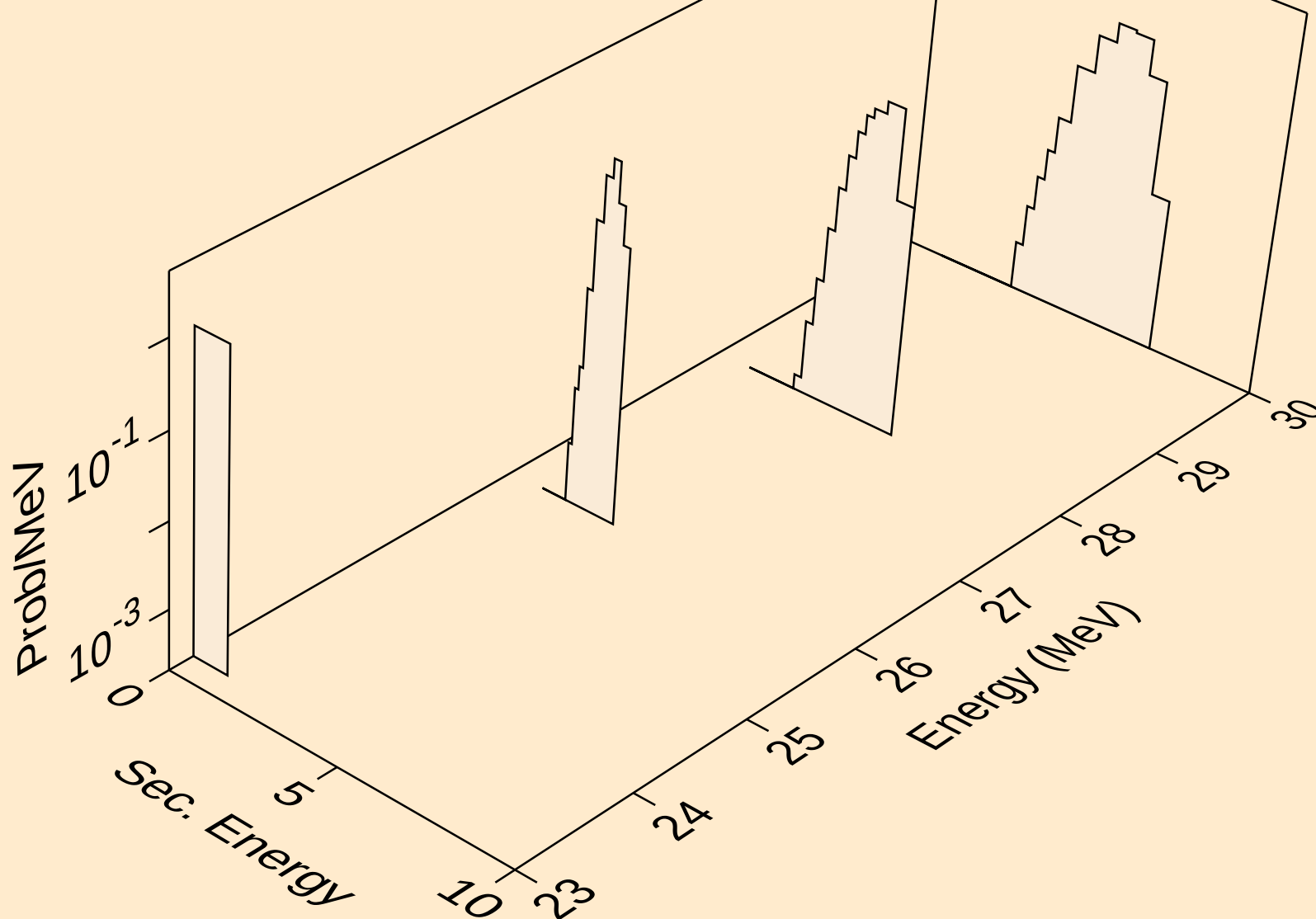
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



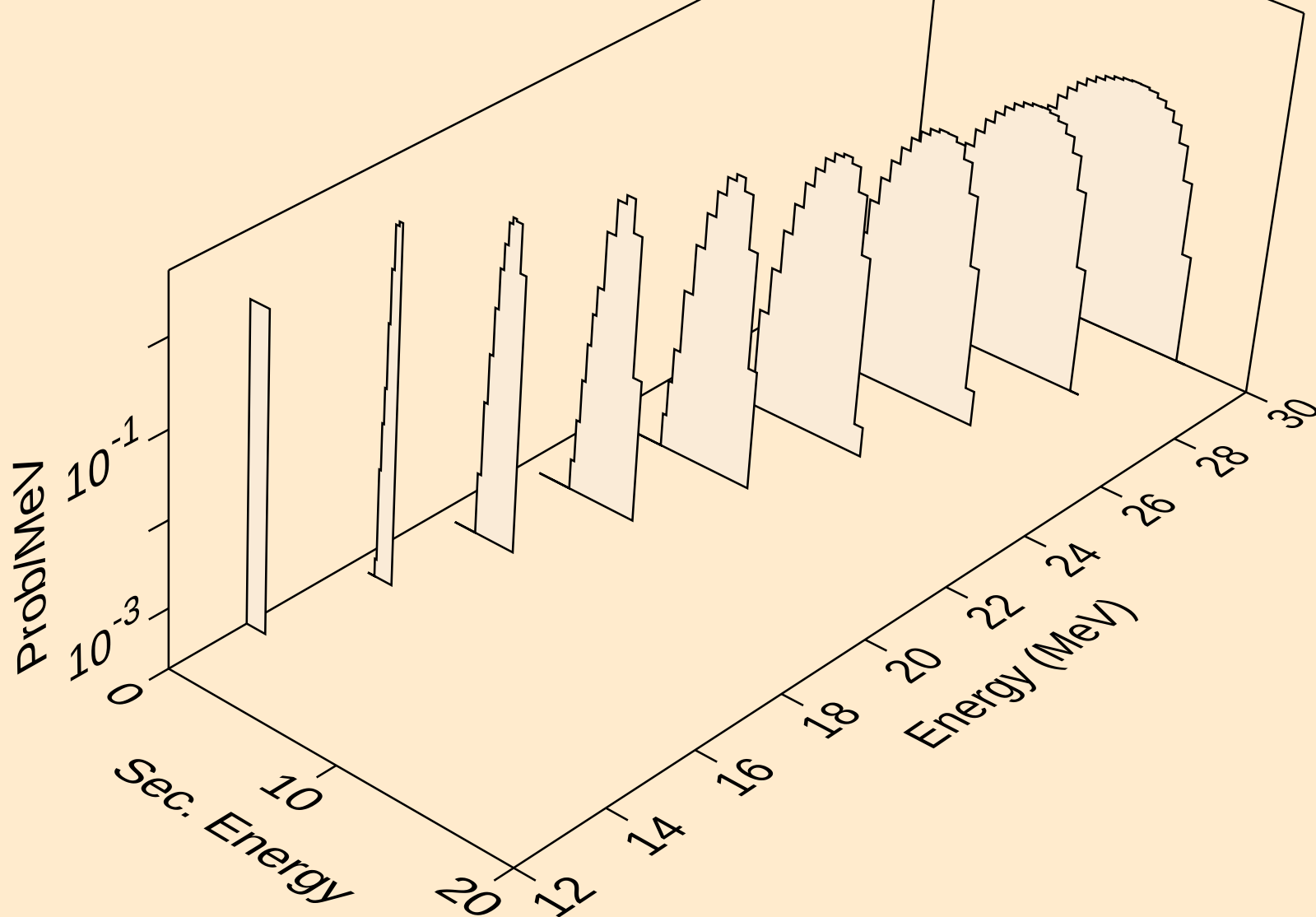
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



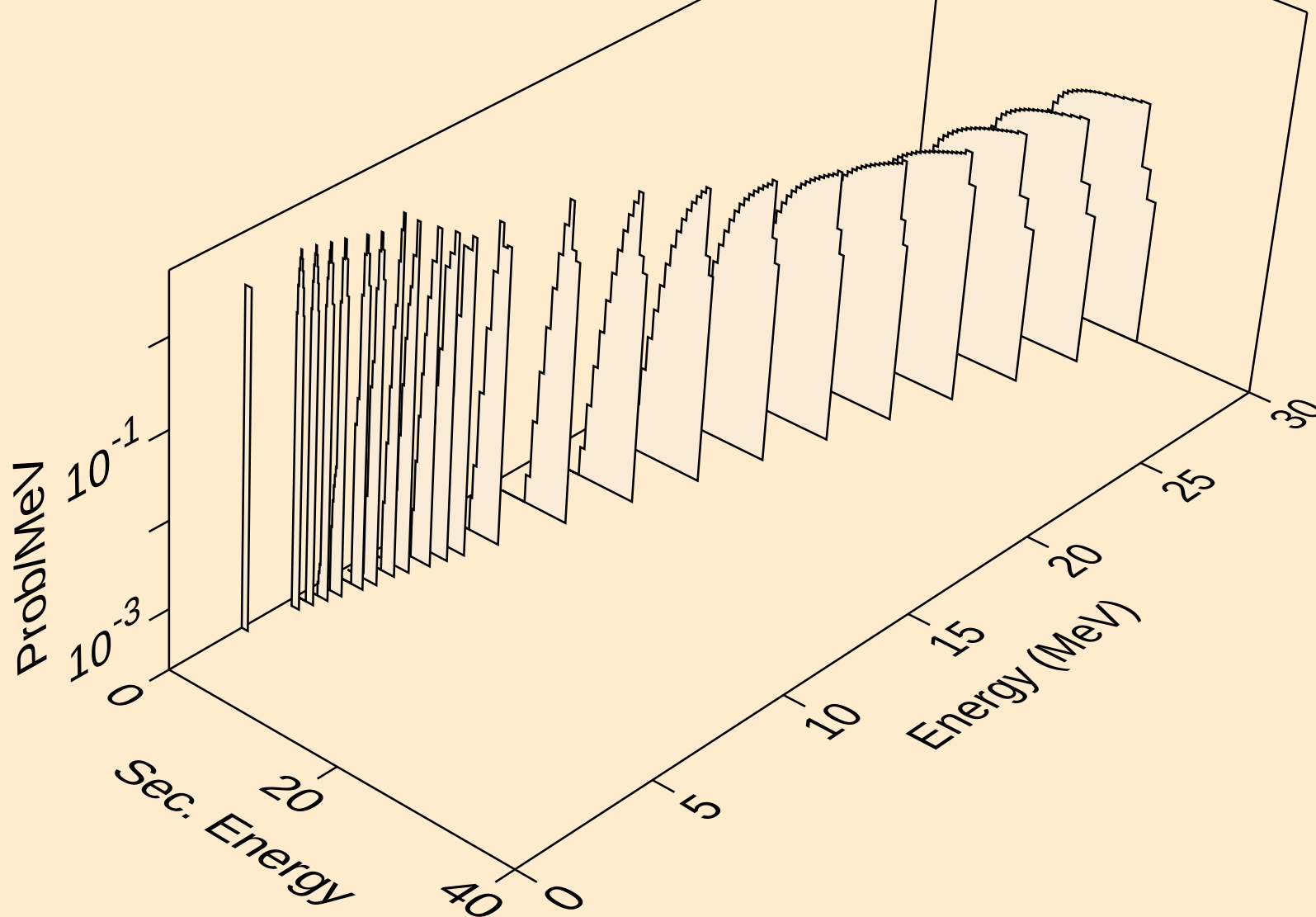
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deuterons from (n,2nd)



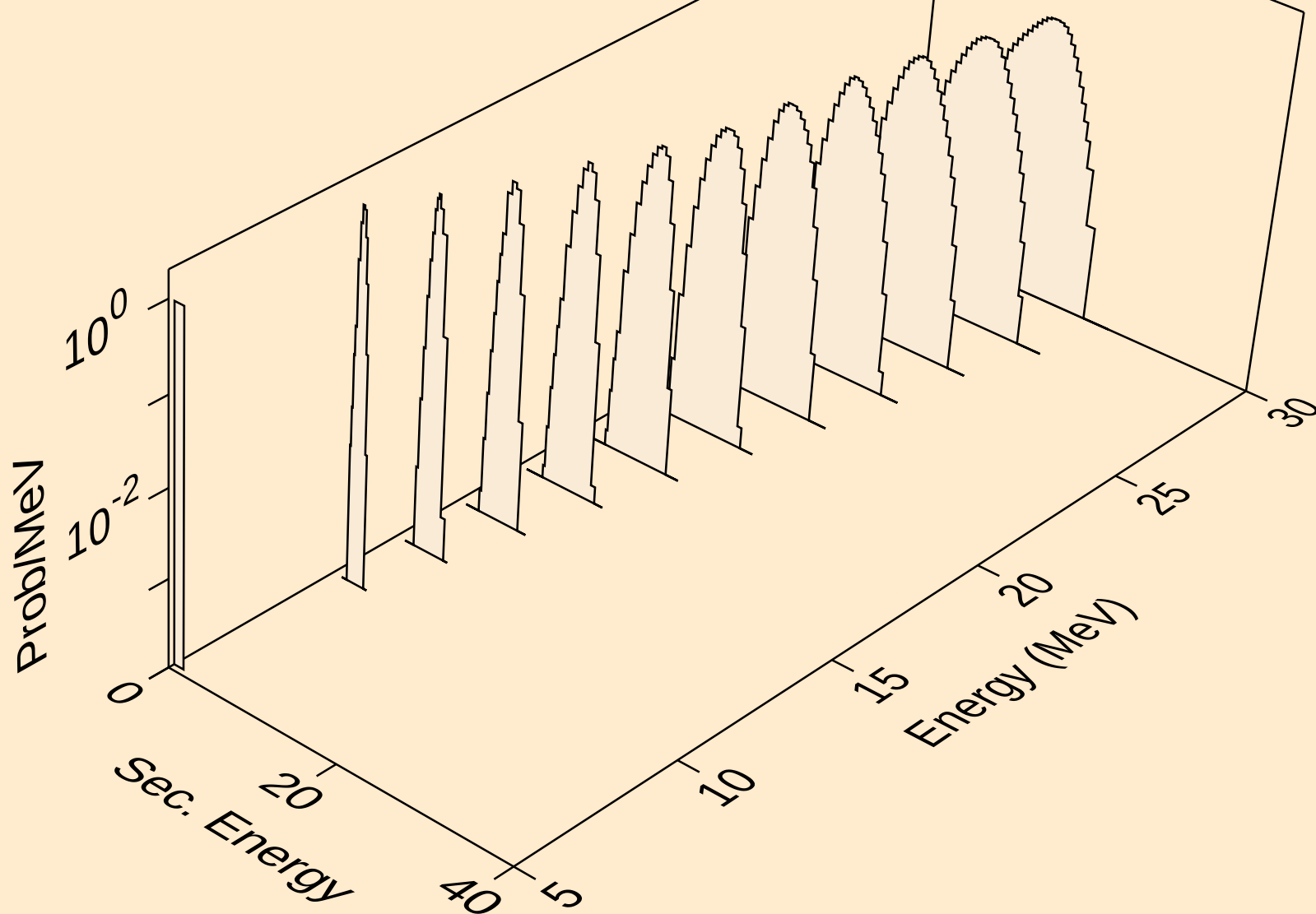
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



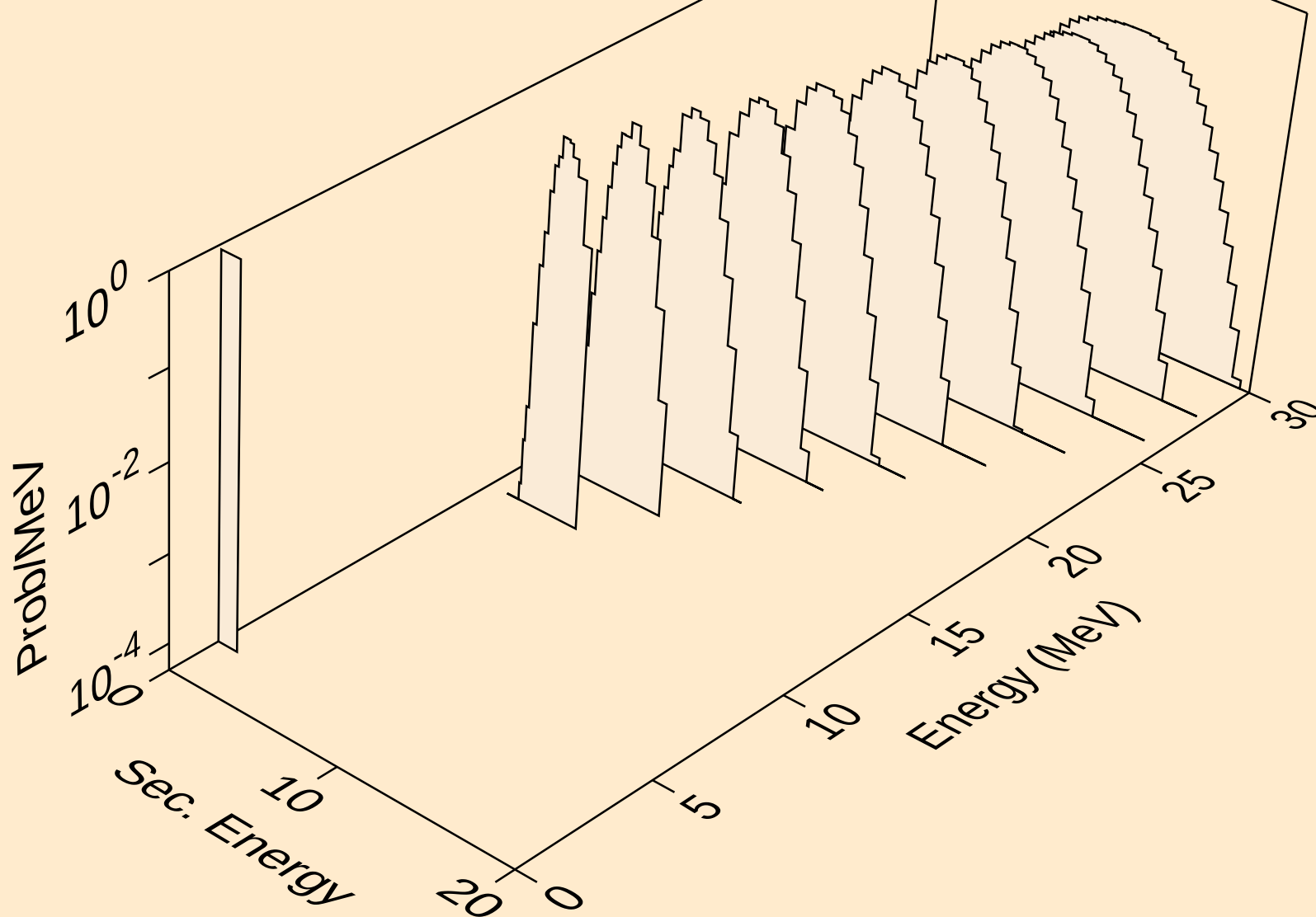
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deuterons from (n,d)



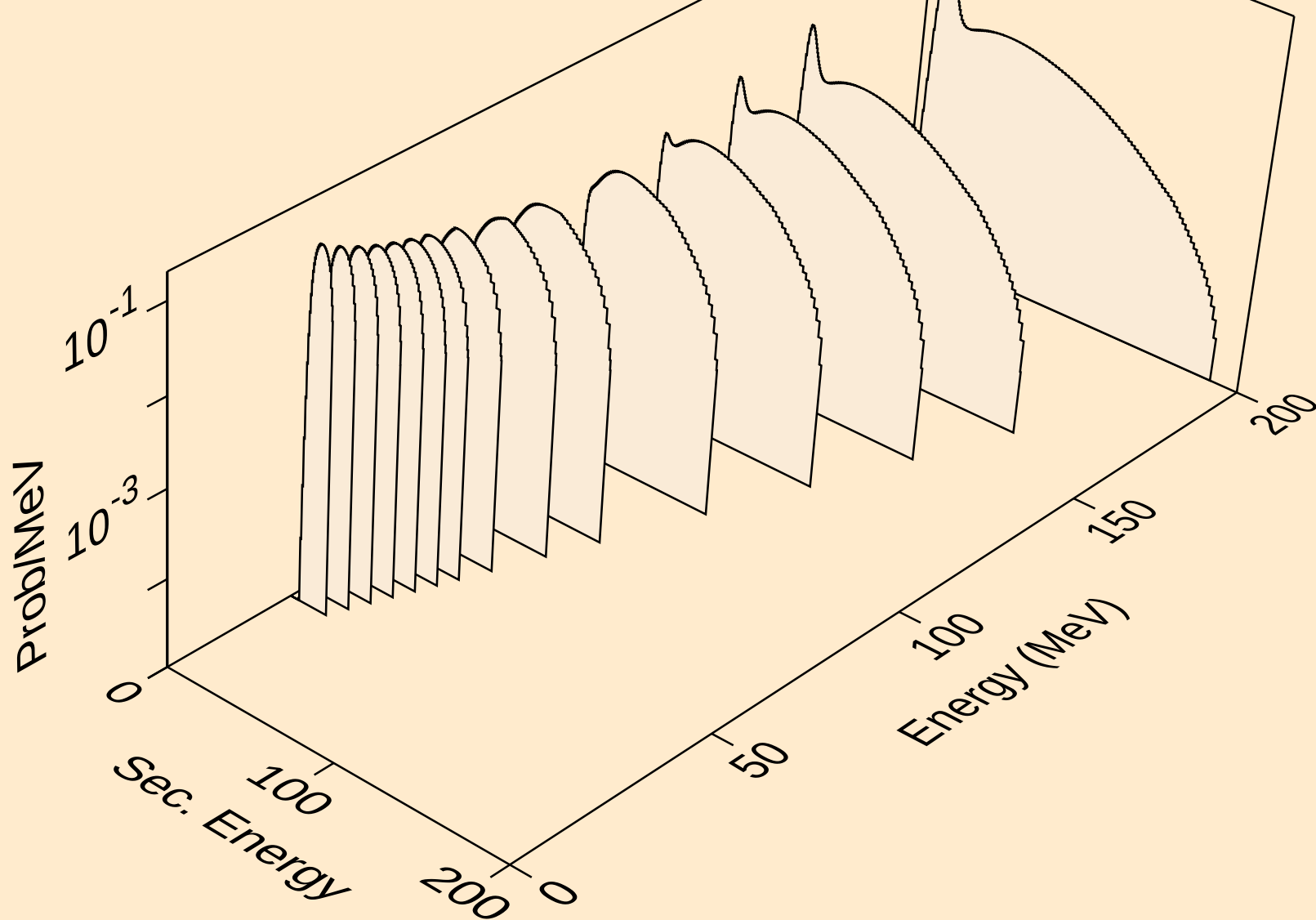
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



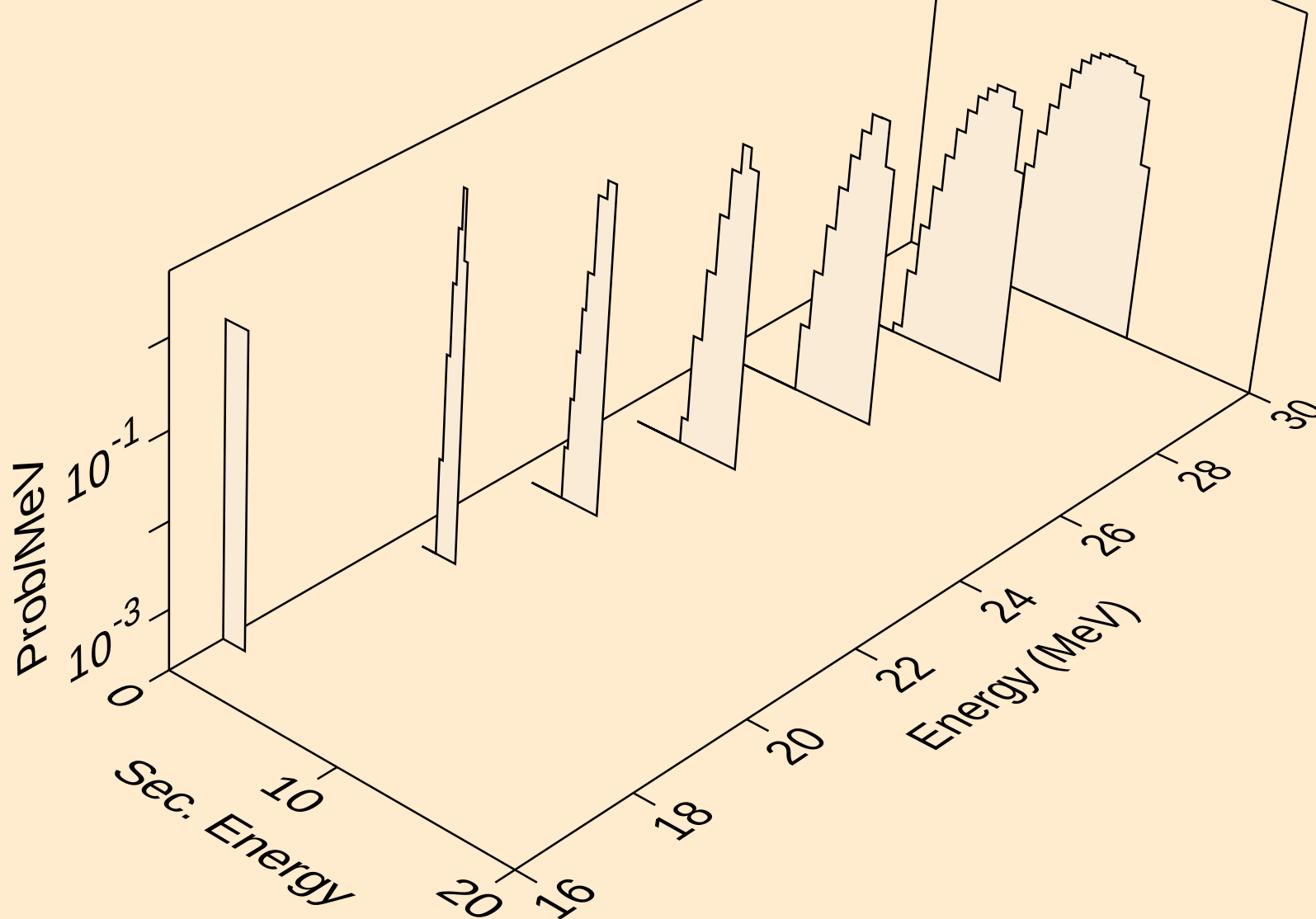
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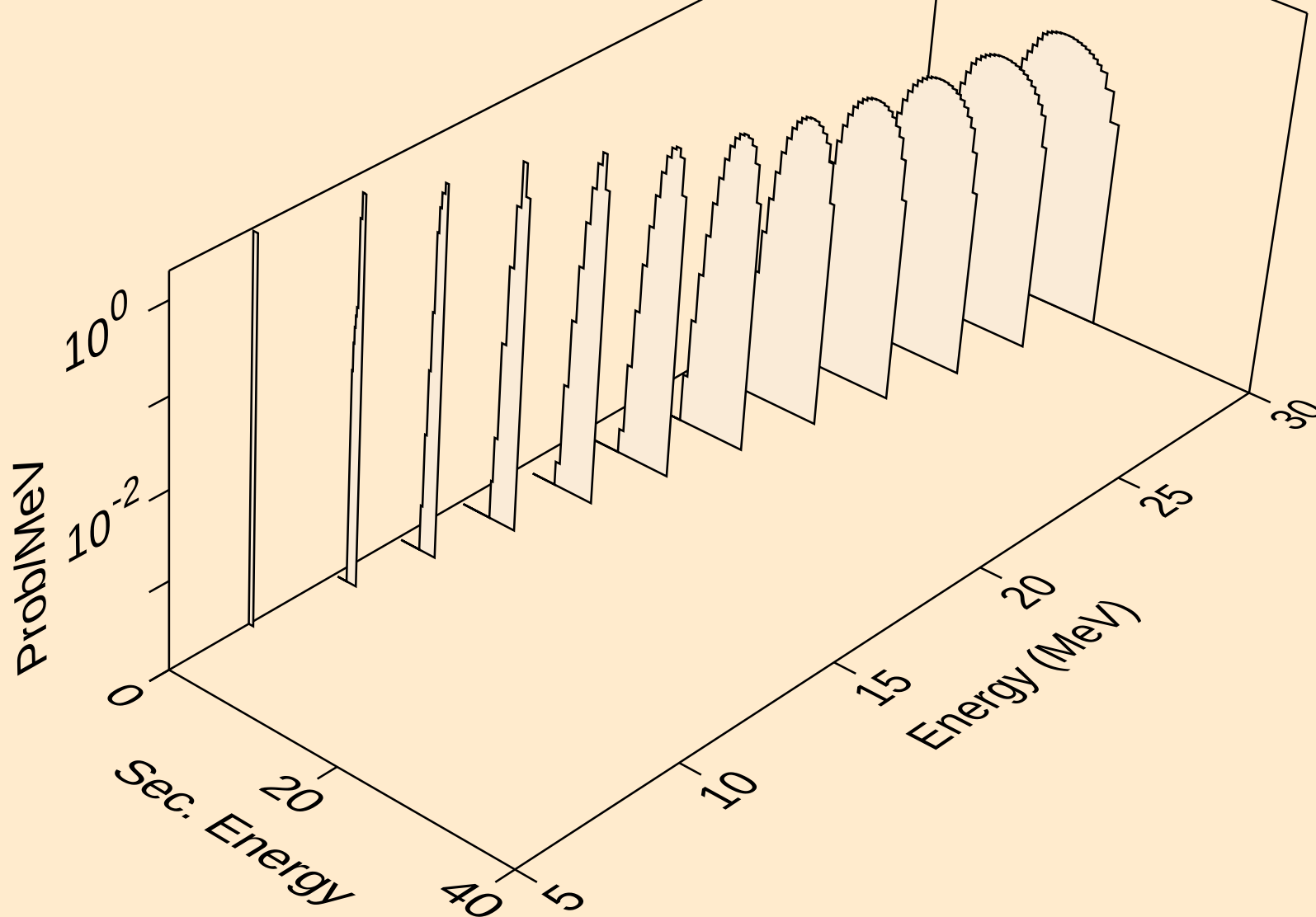
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



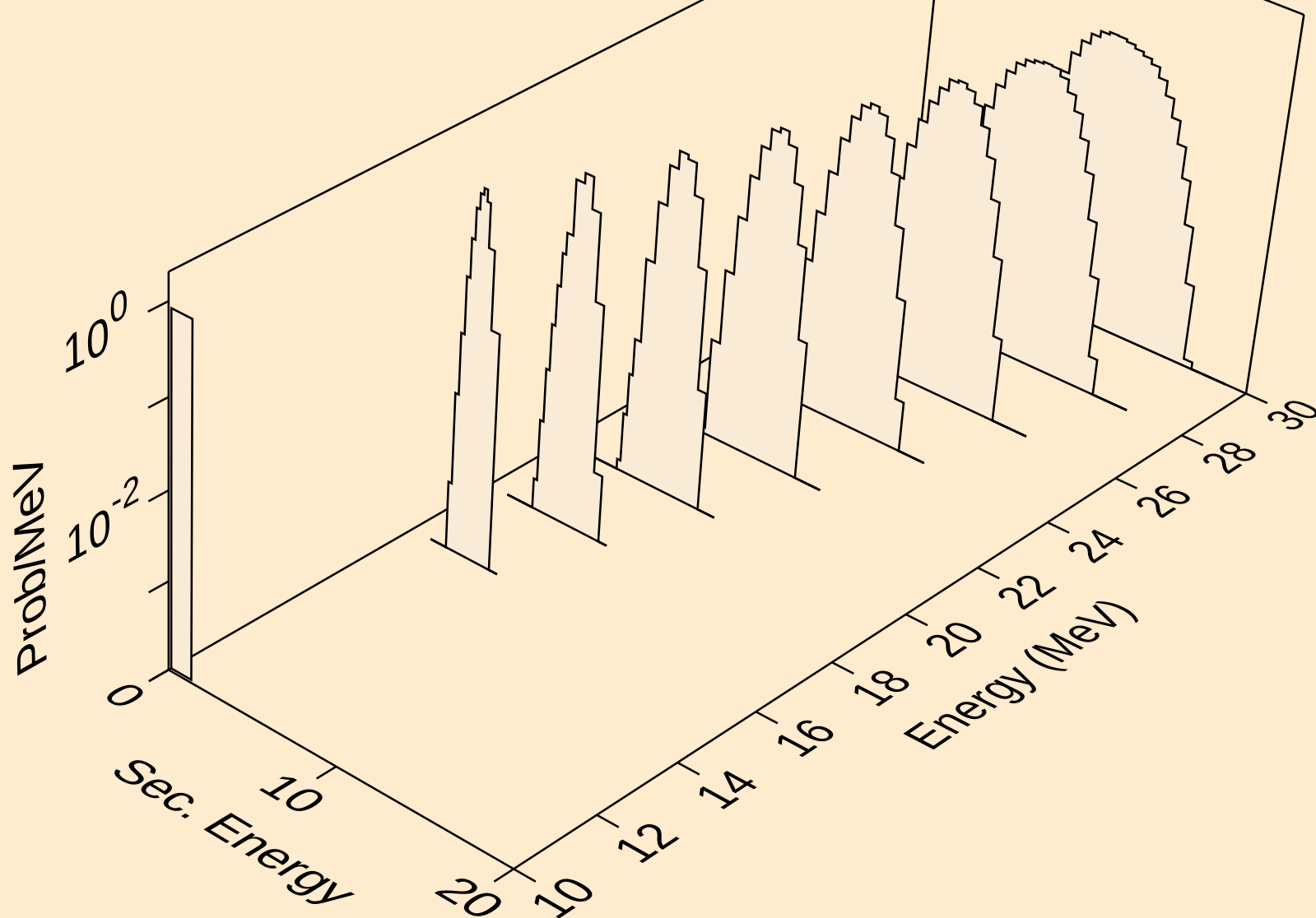
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



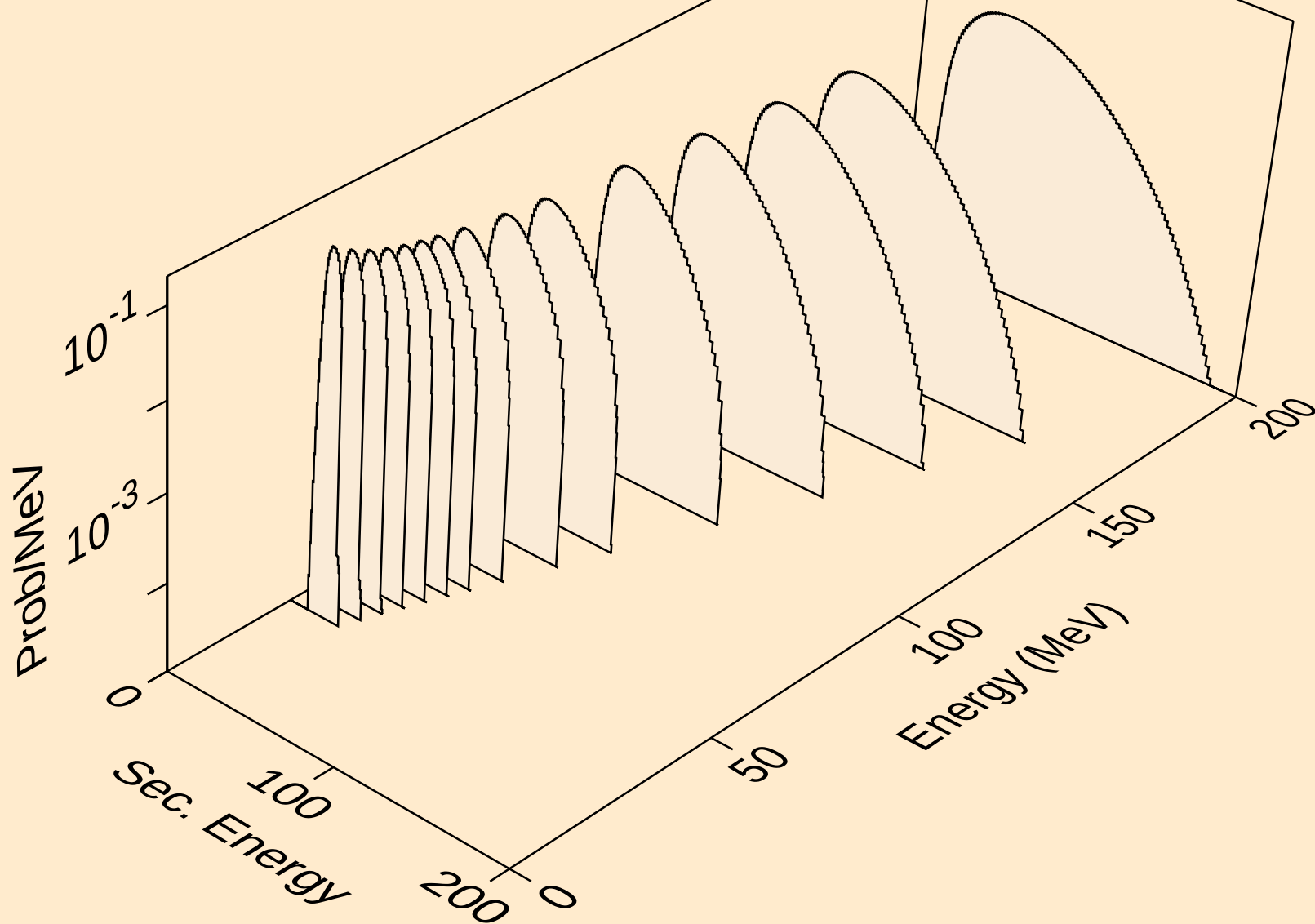
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tritons from (n,t)



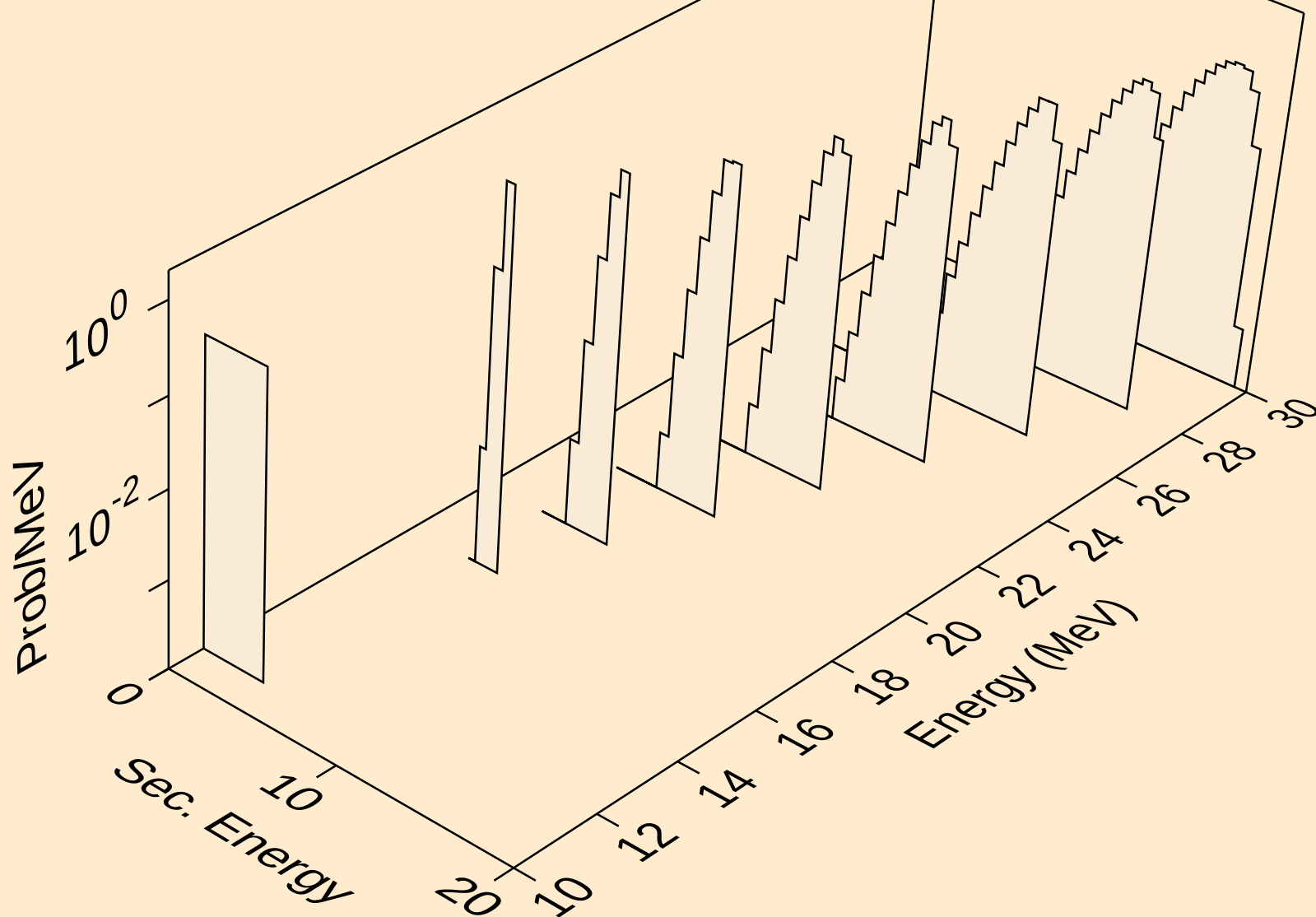
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tritons from (n,pt)



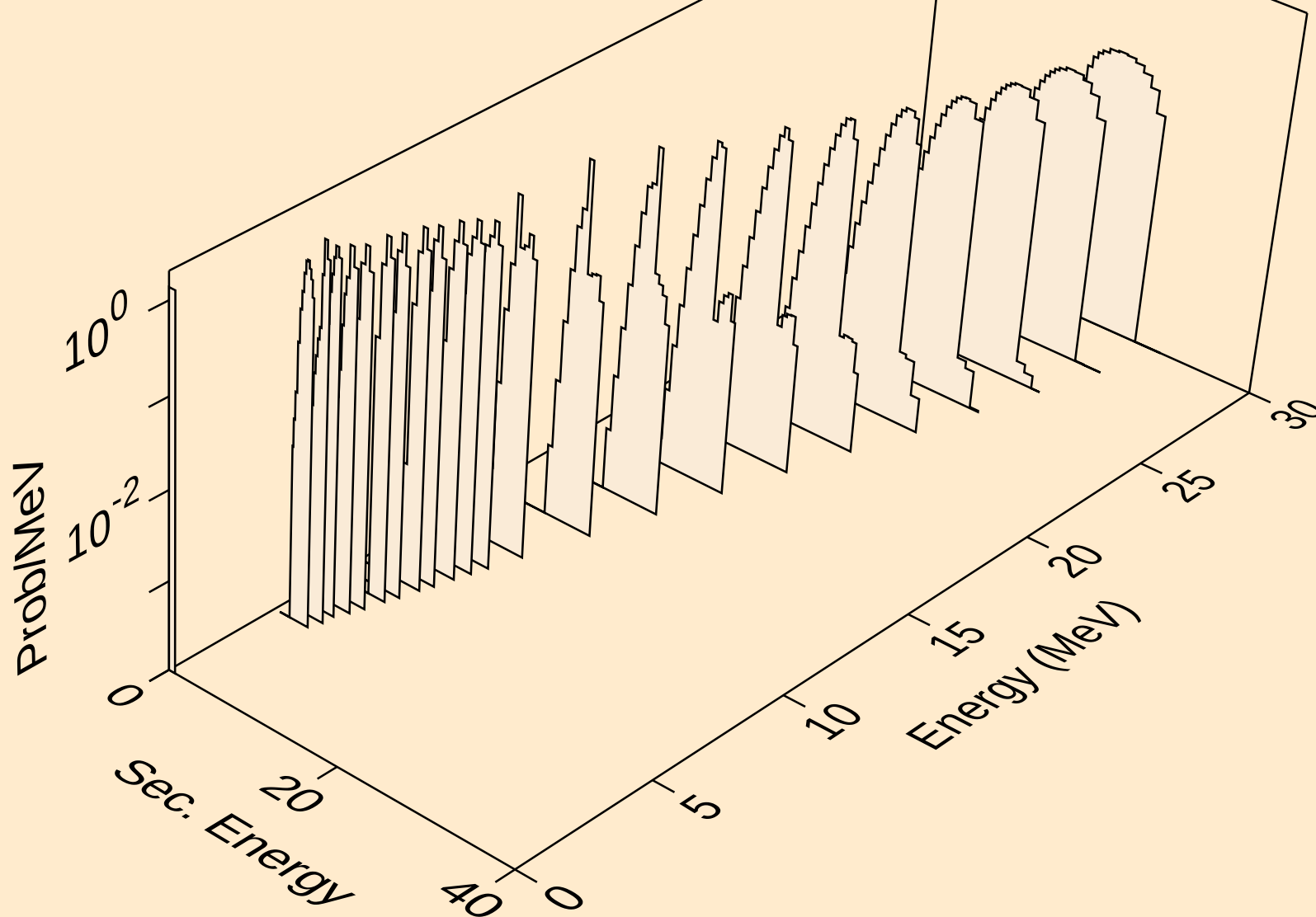
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



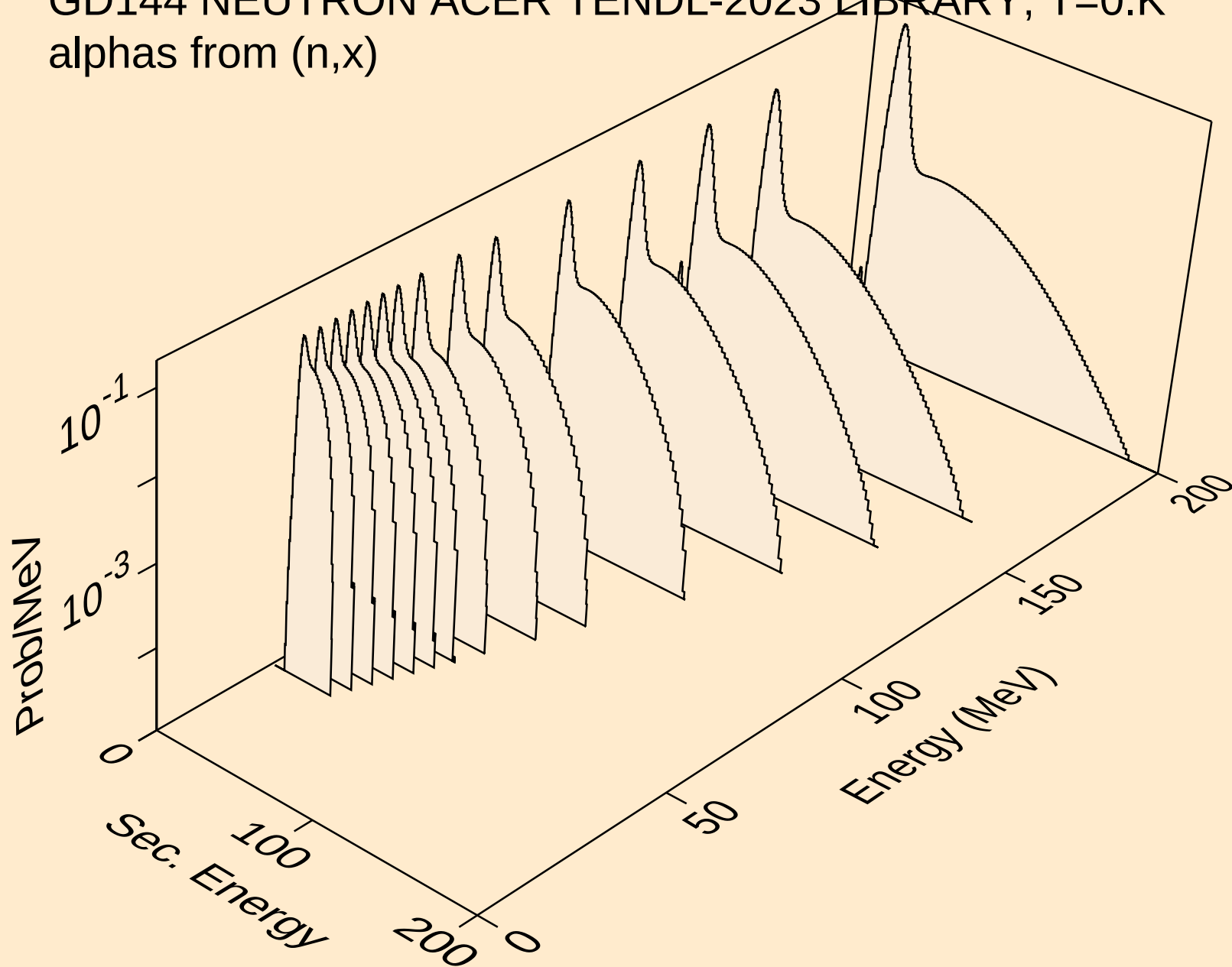
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



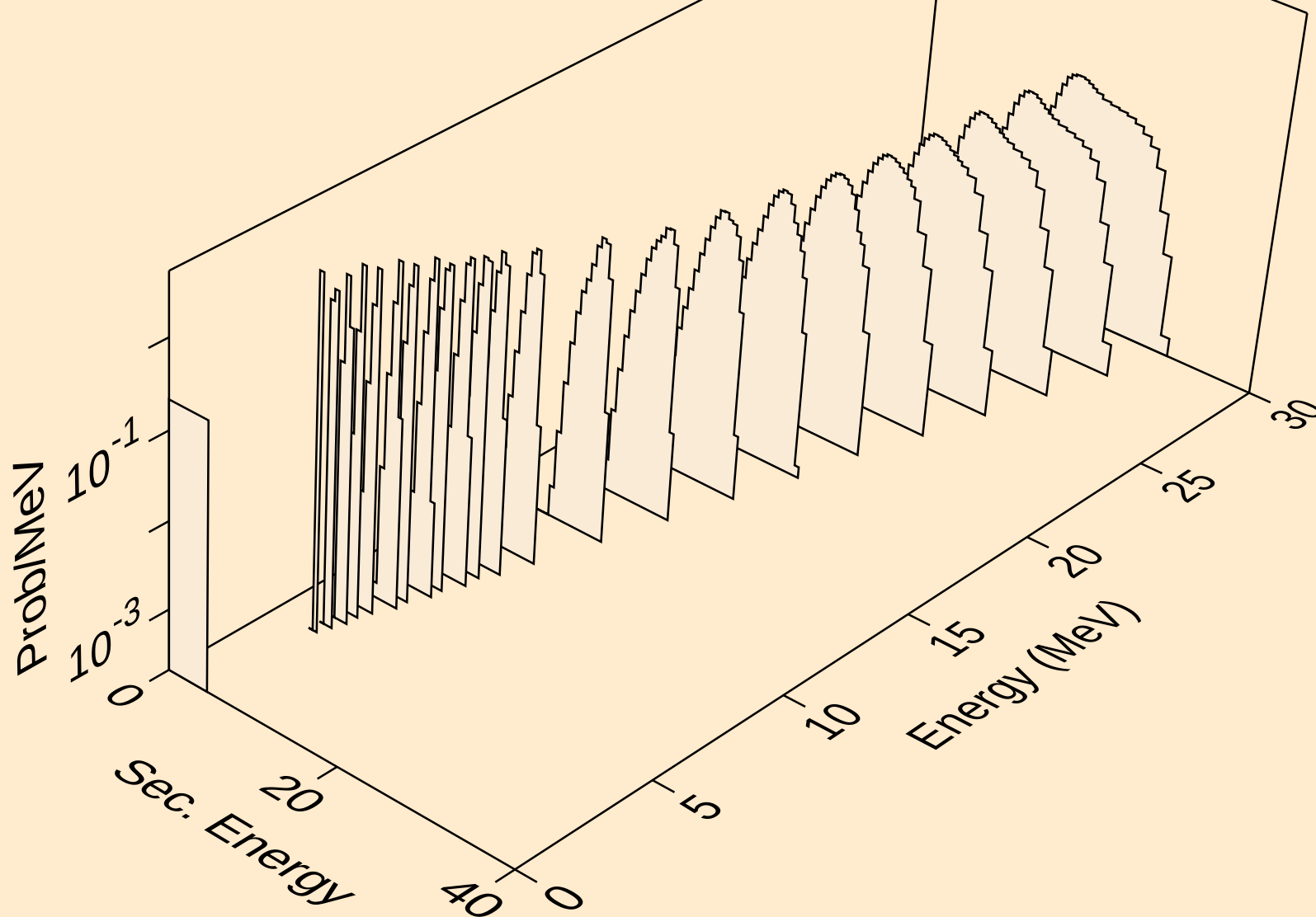
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he3s from (n,he3)



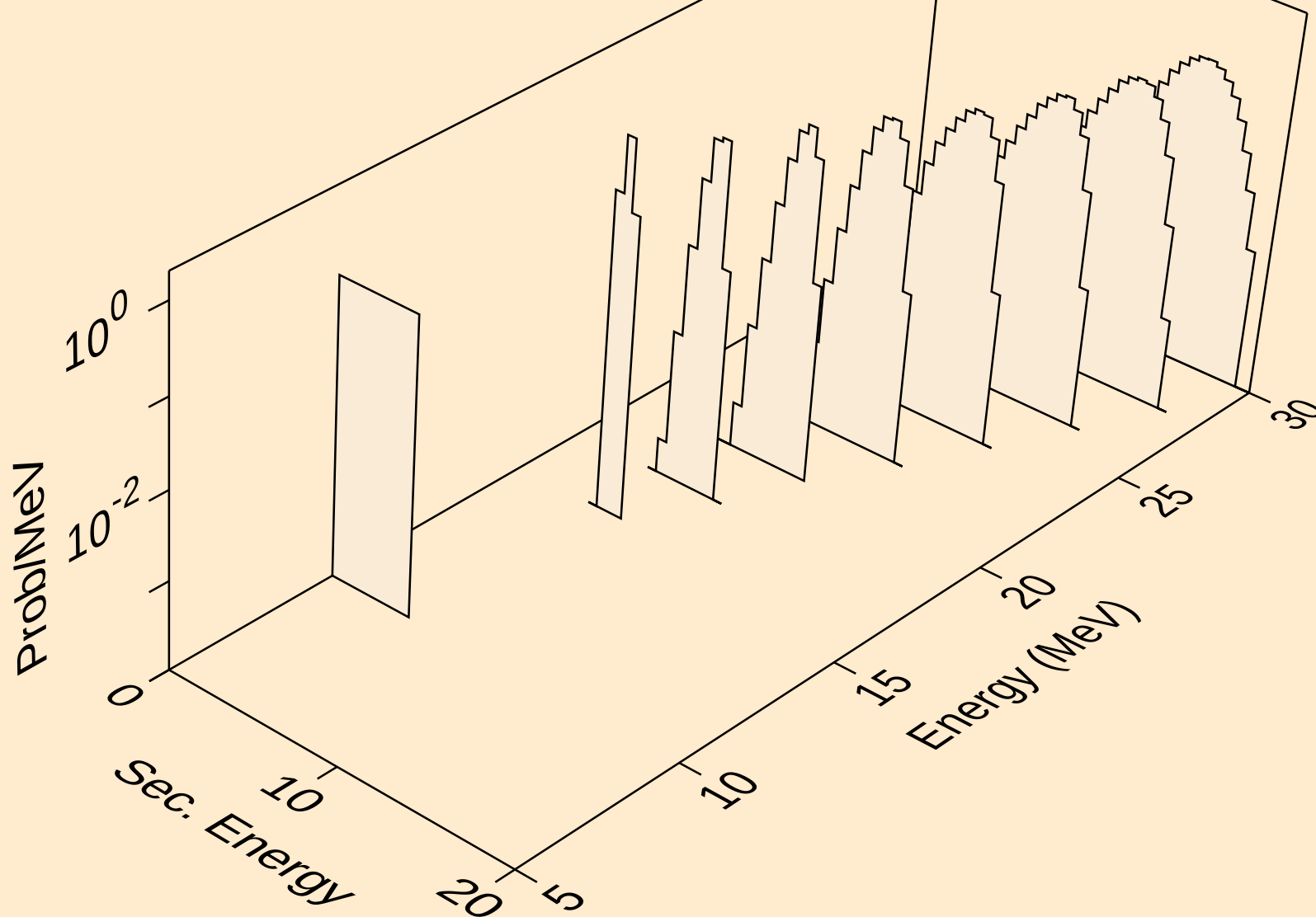
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



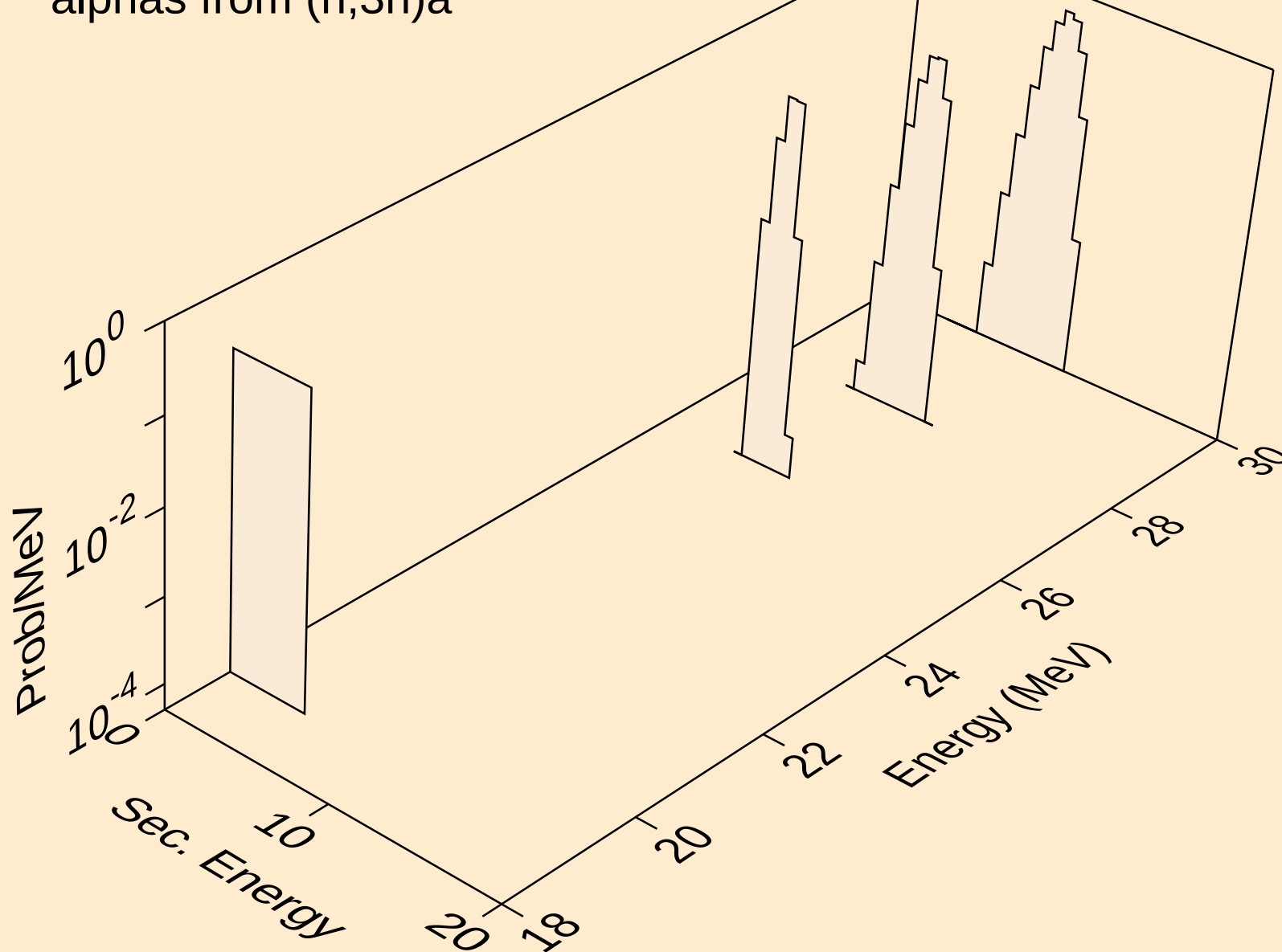
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



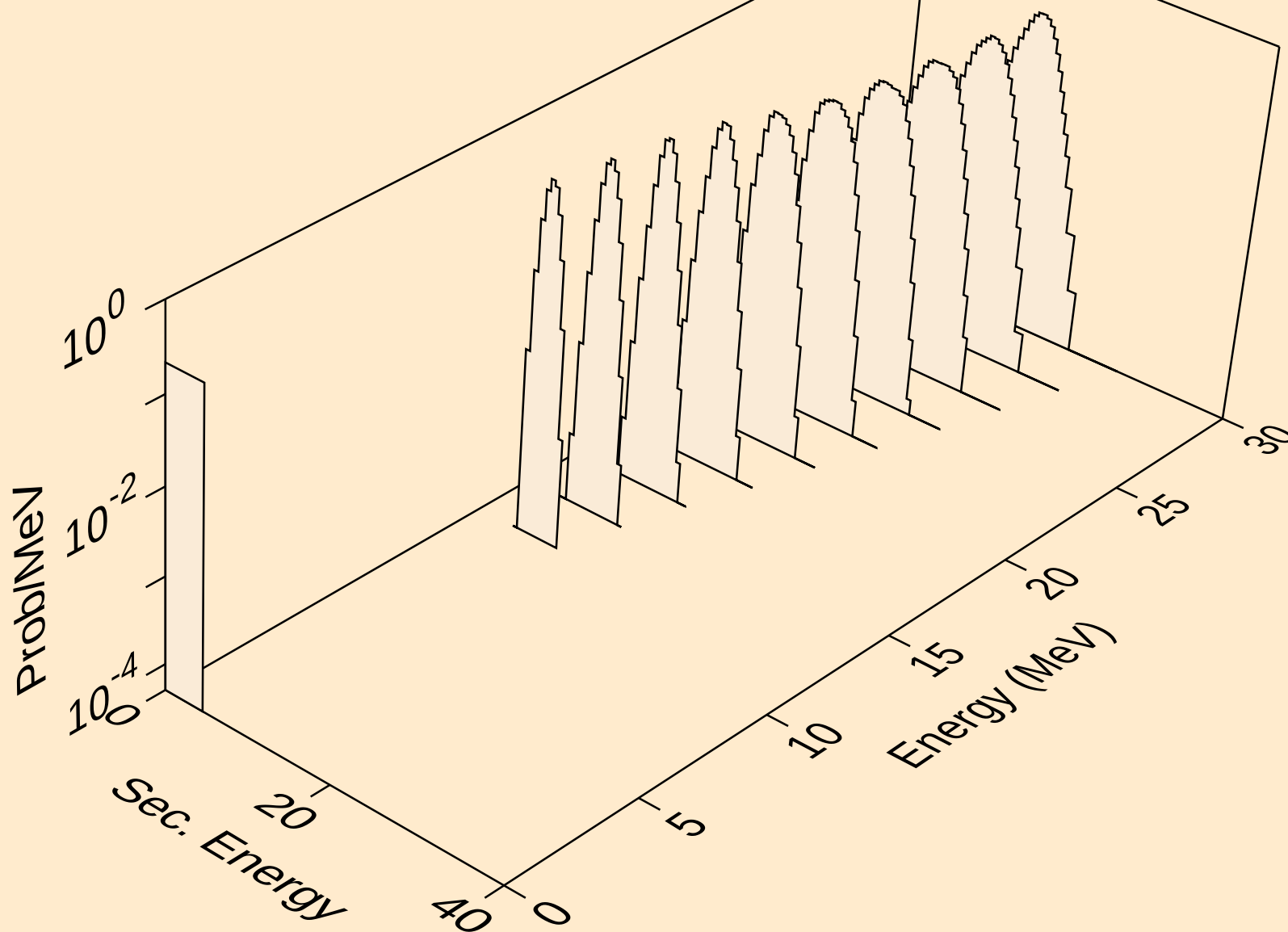
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
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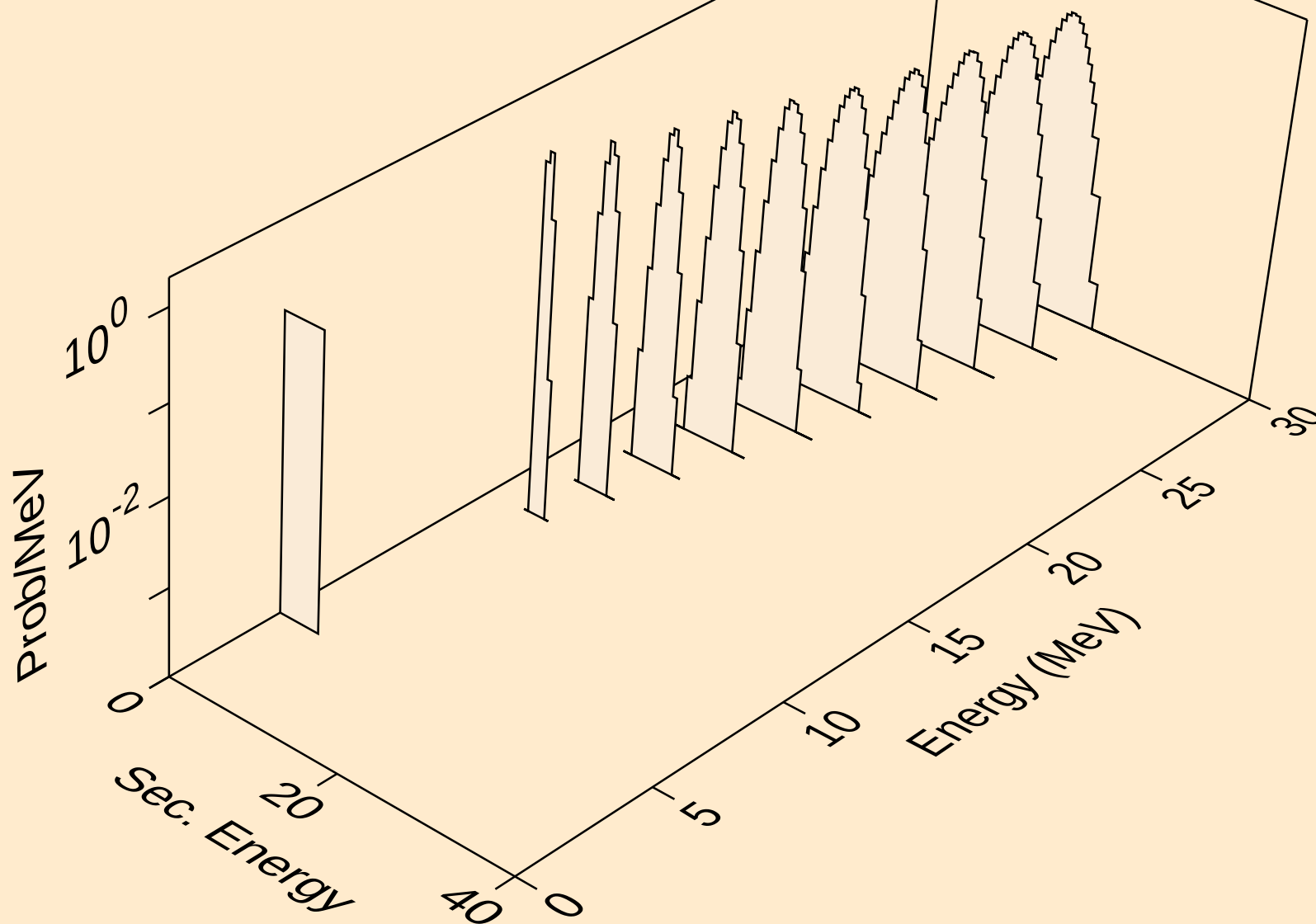
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



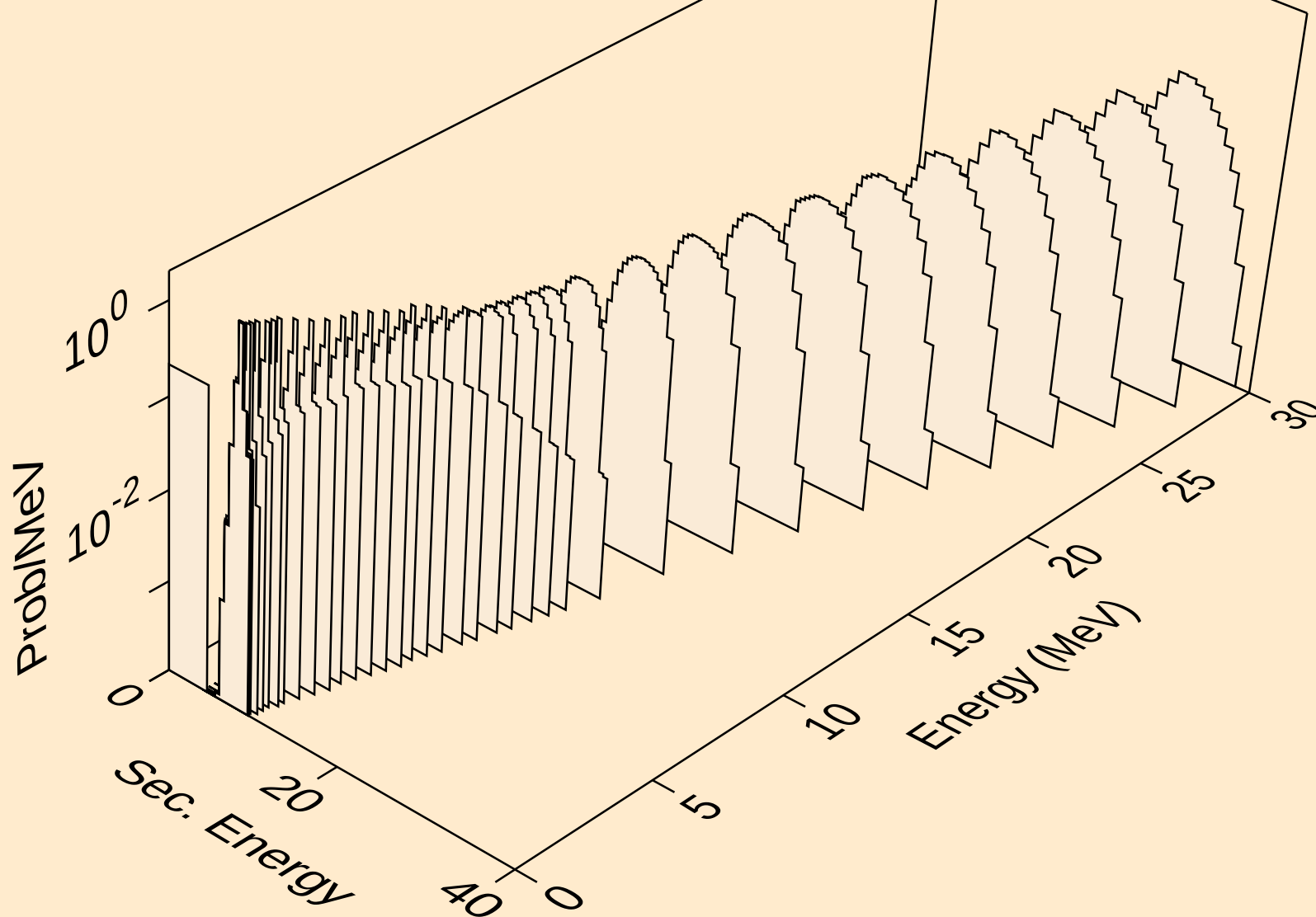
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



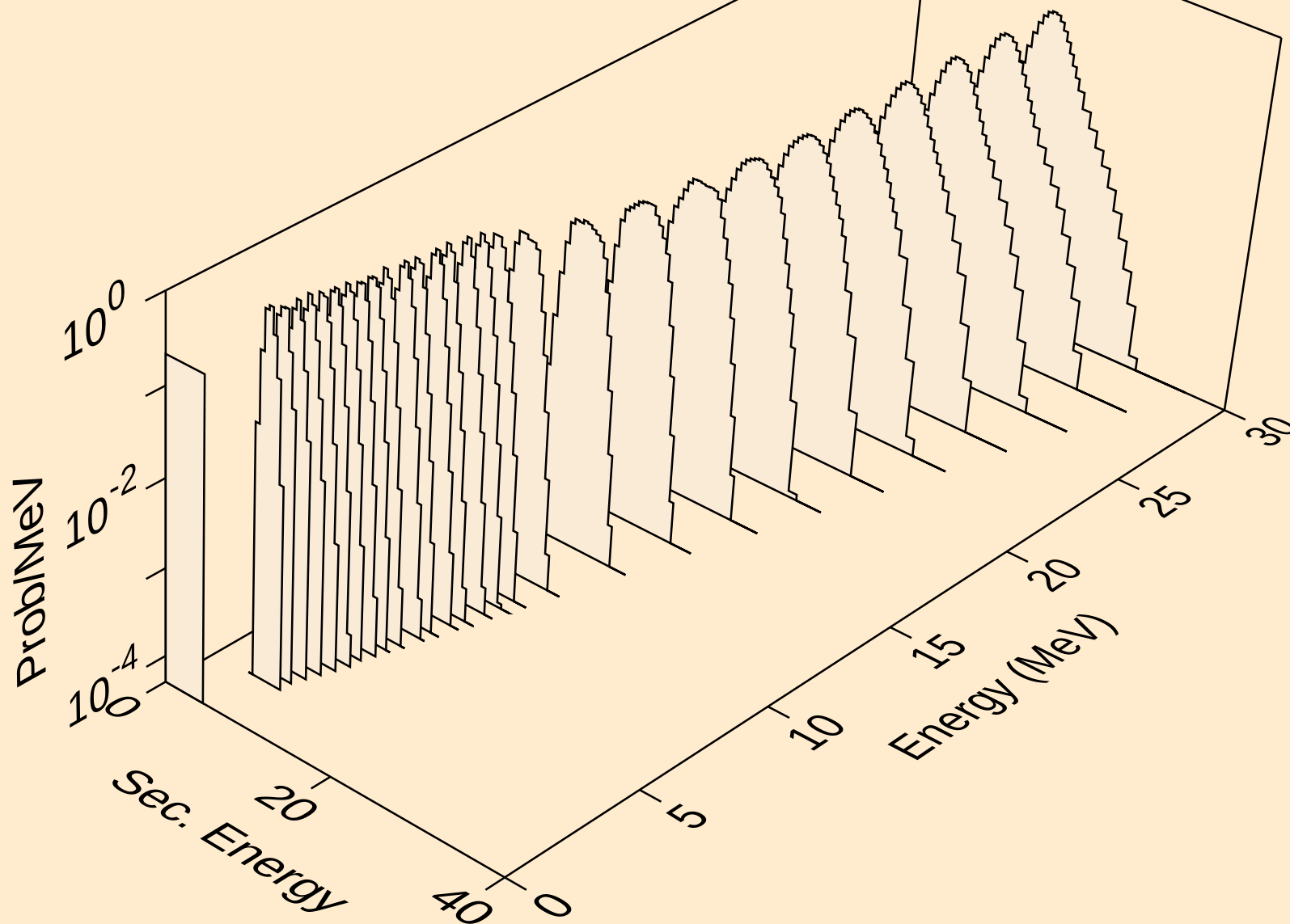
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



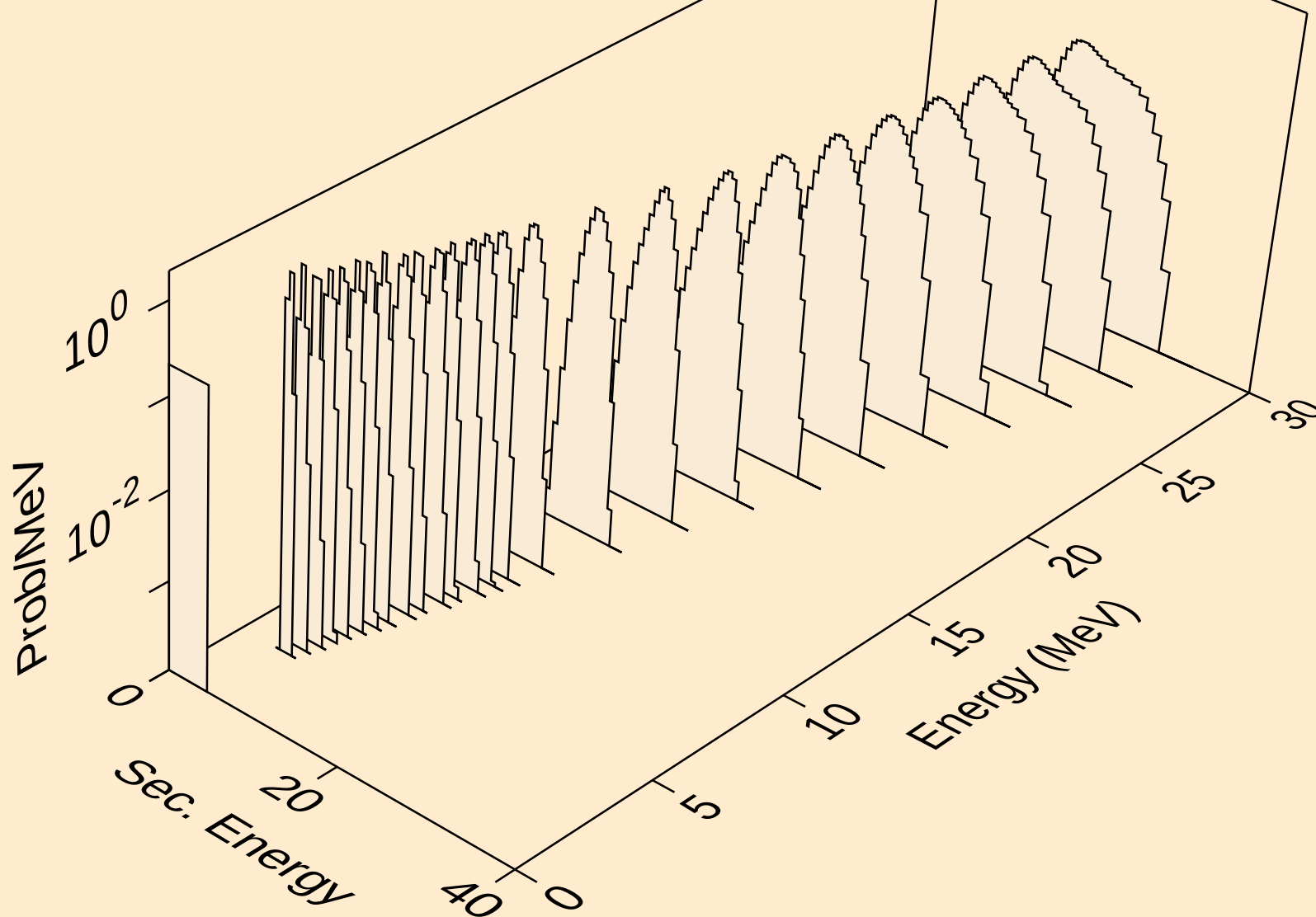
GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,p)



GD144 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

