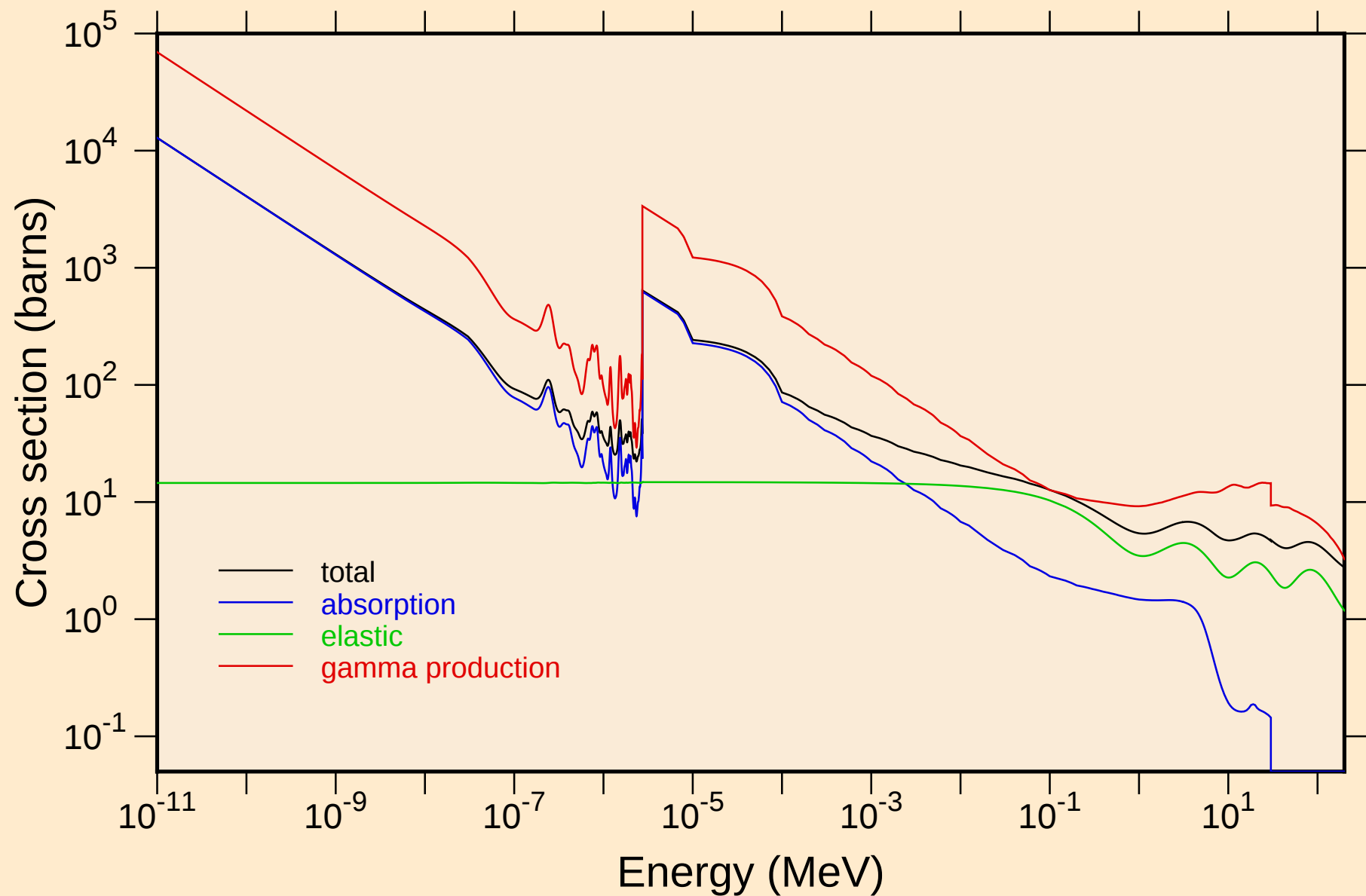


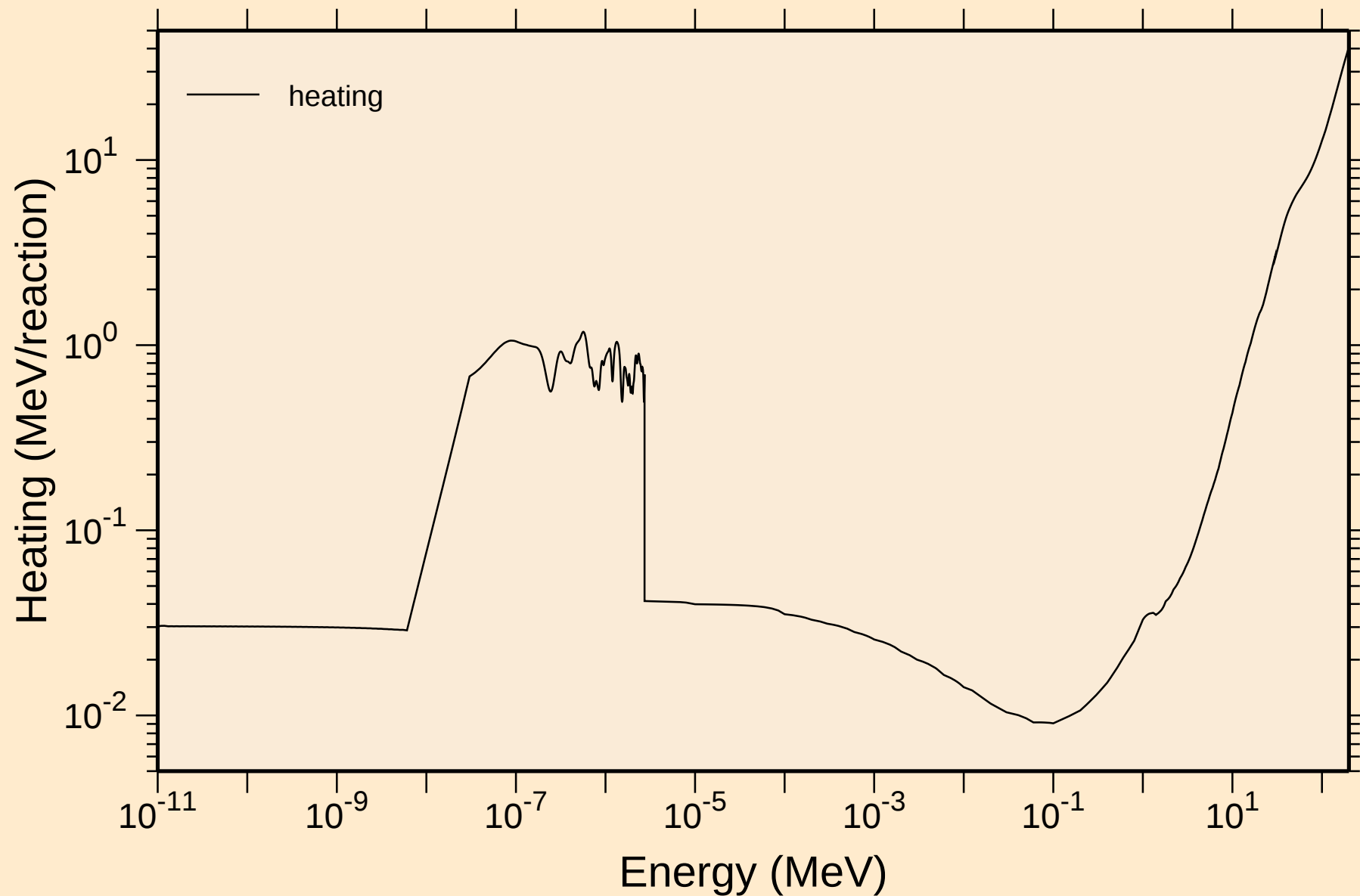
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



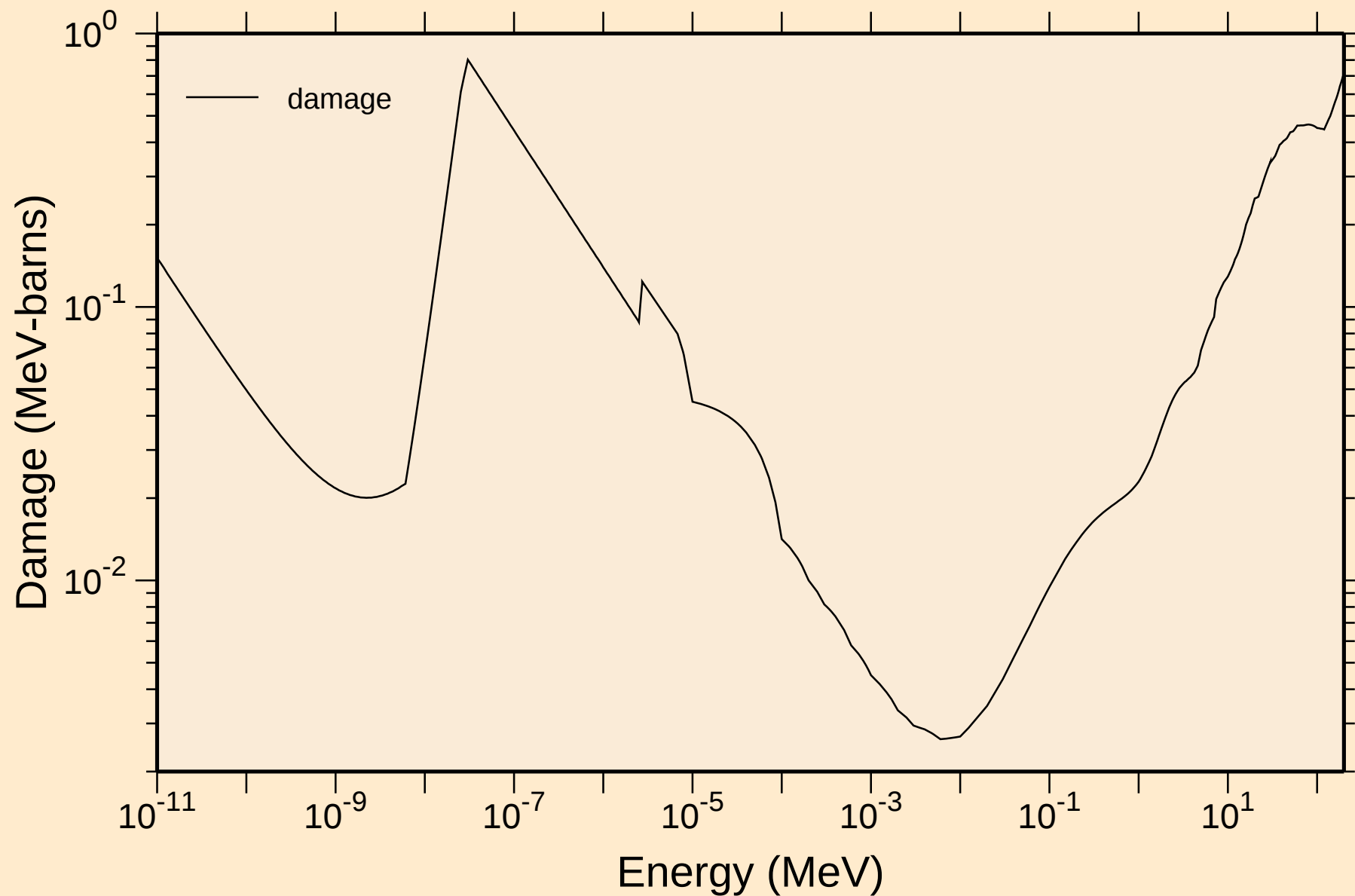
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

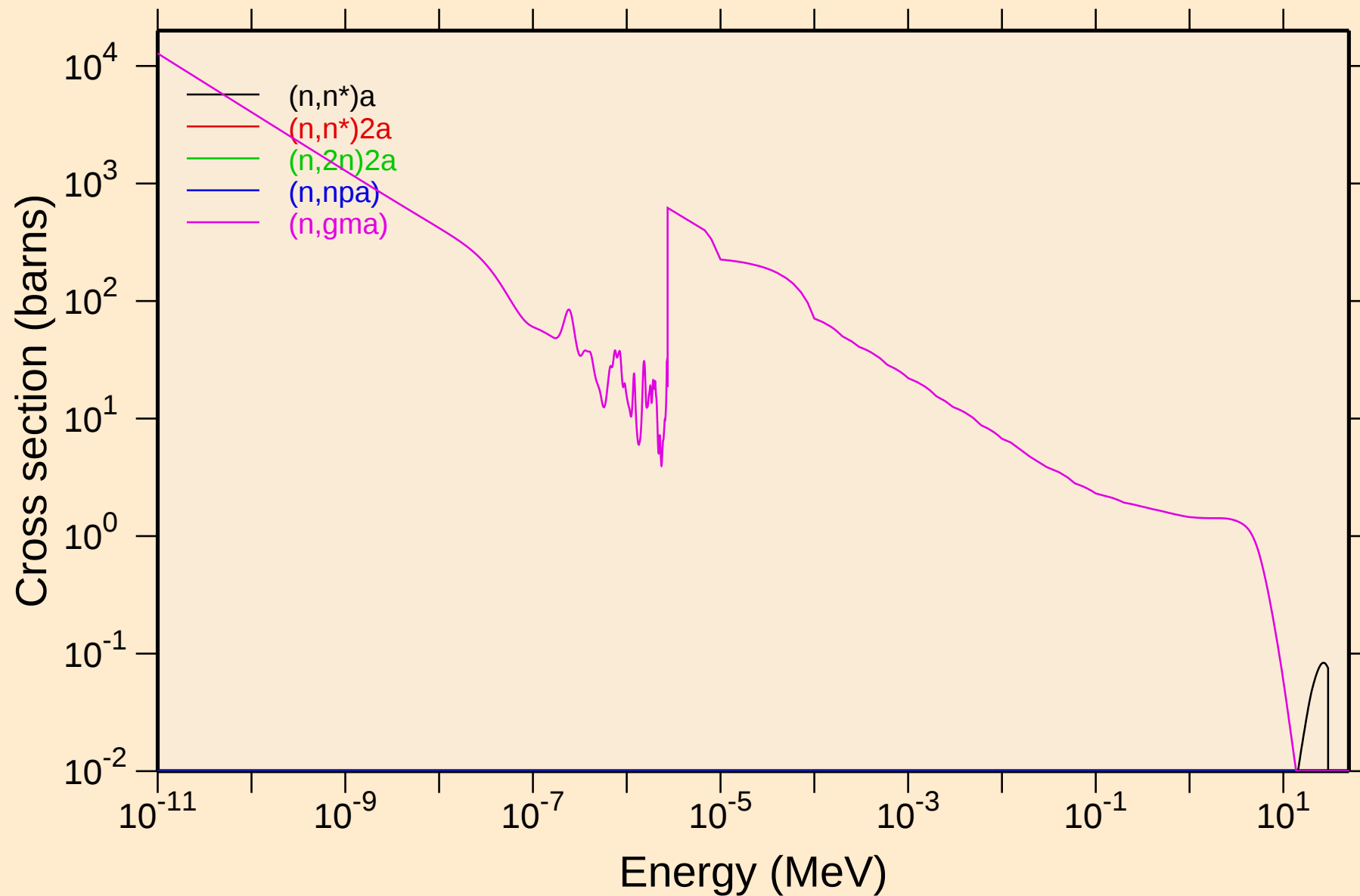


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

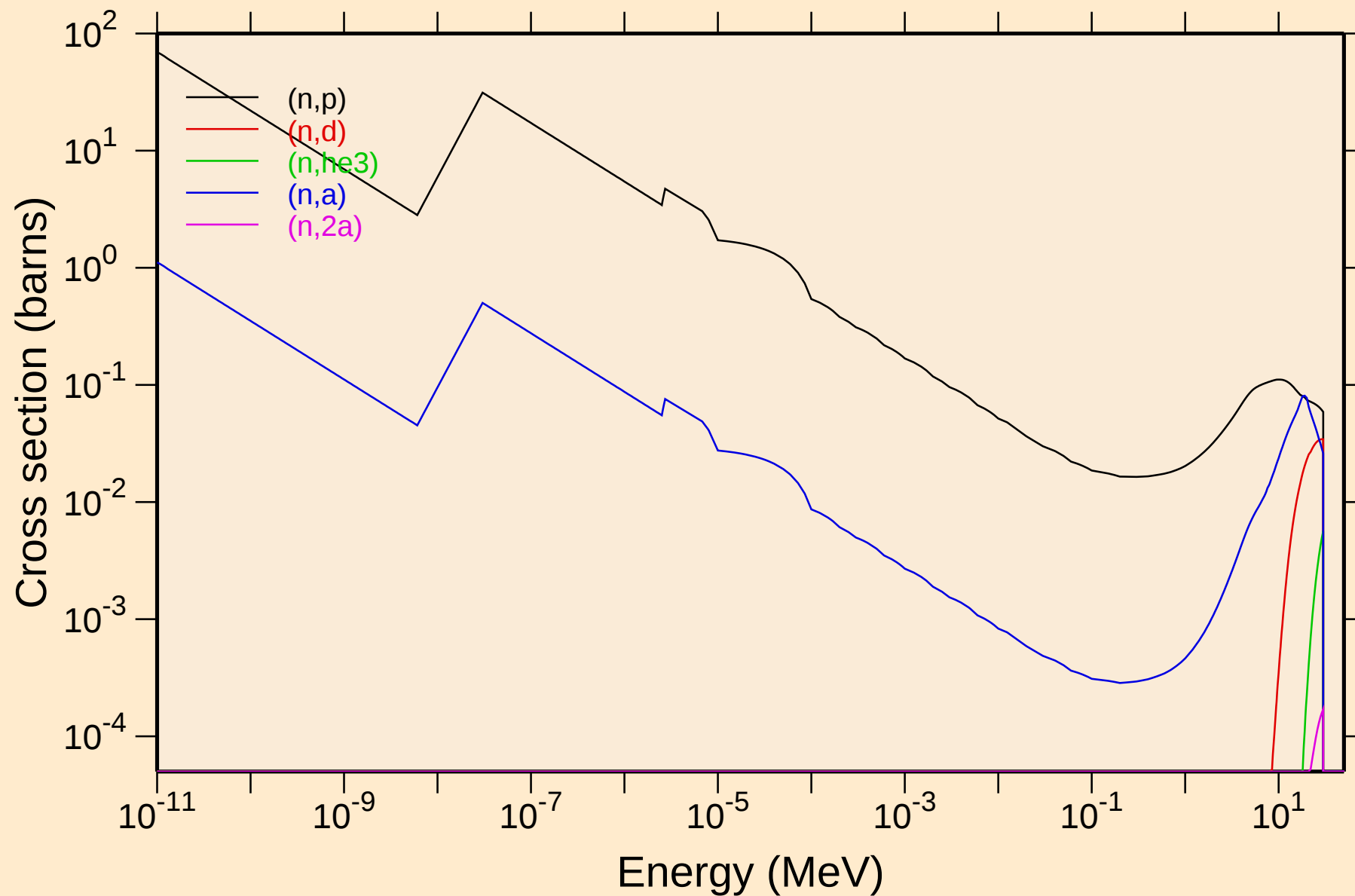
Damage



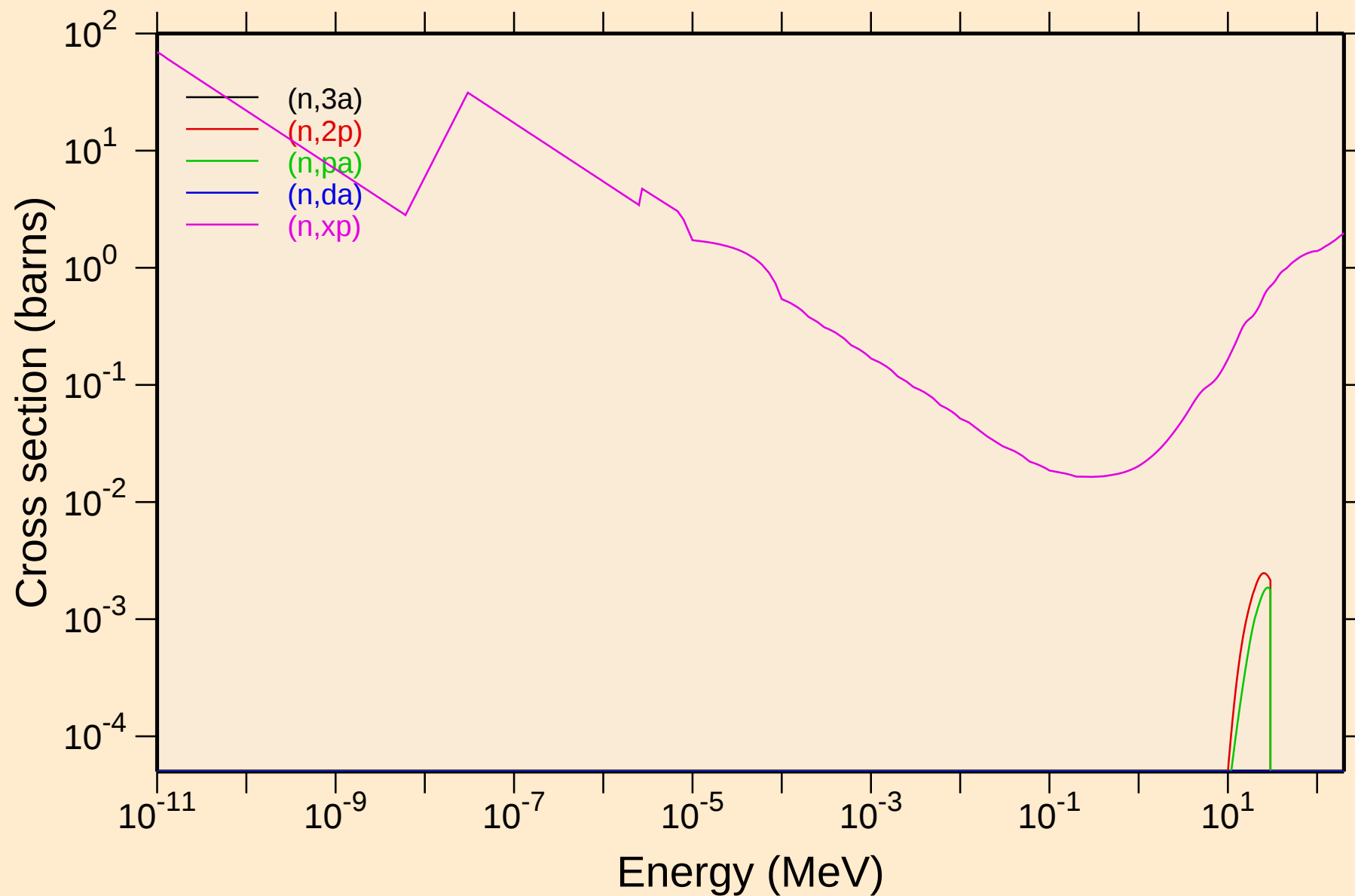
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



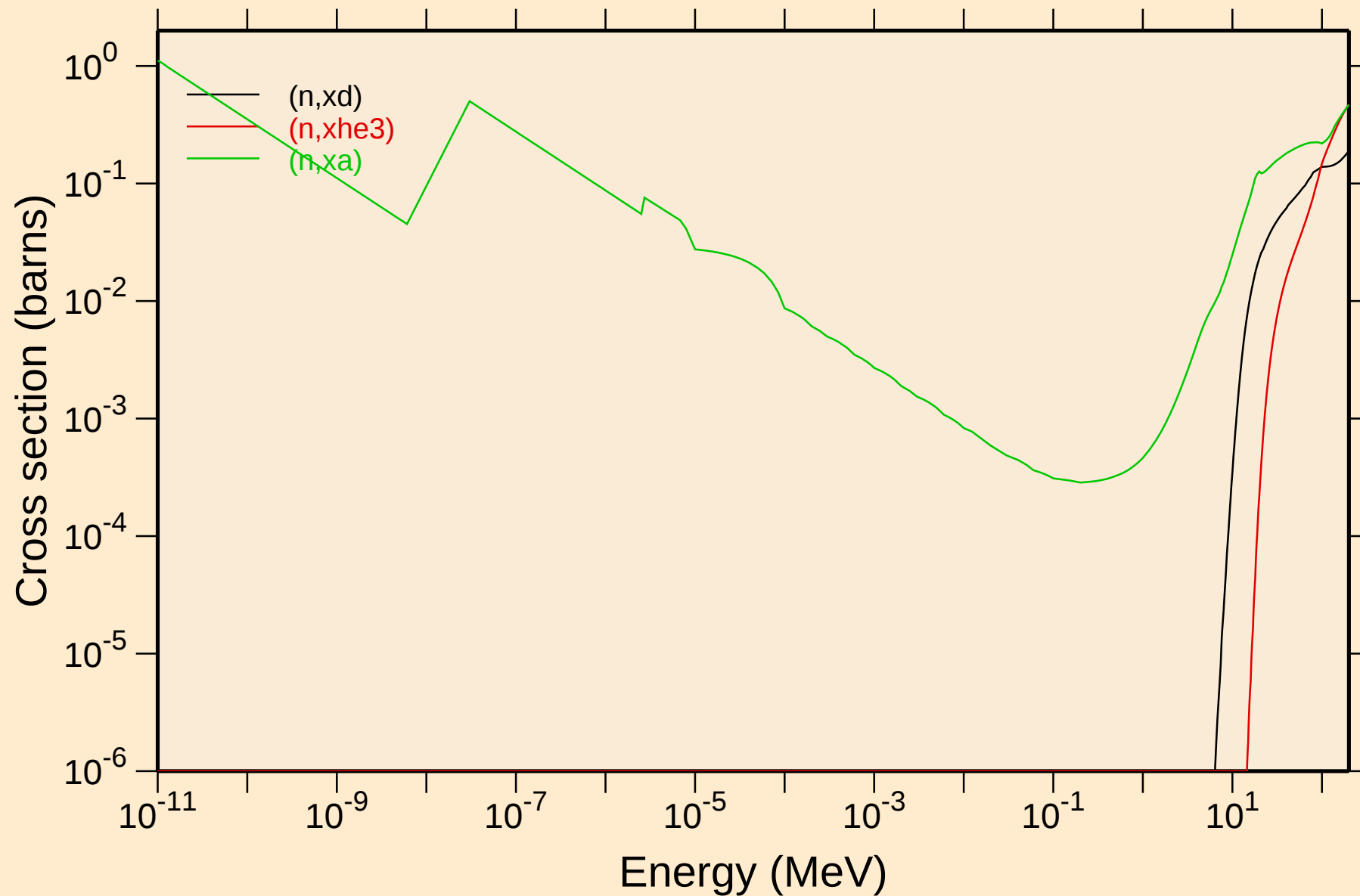
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

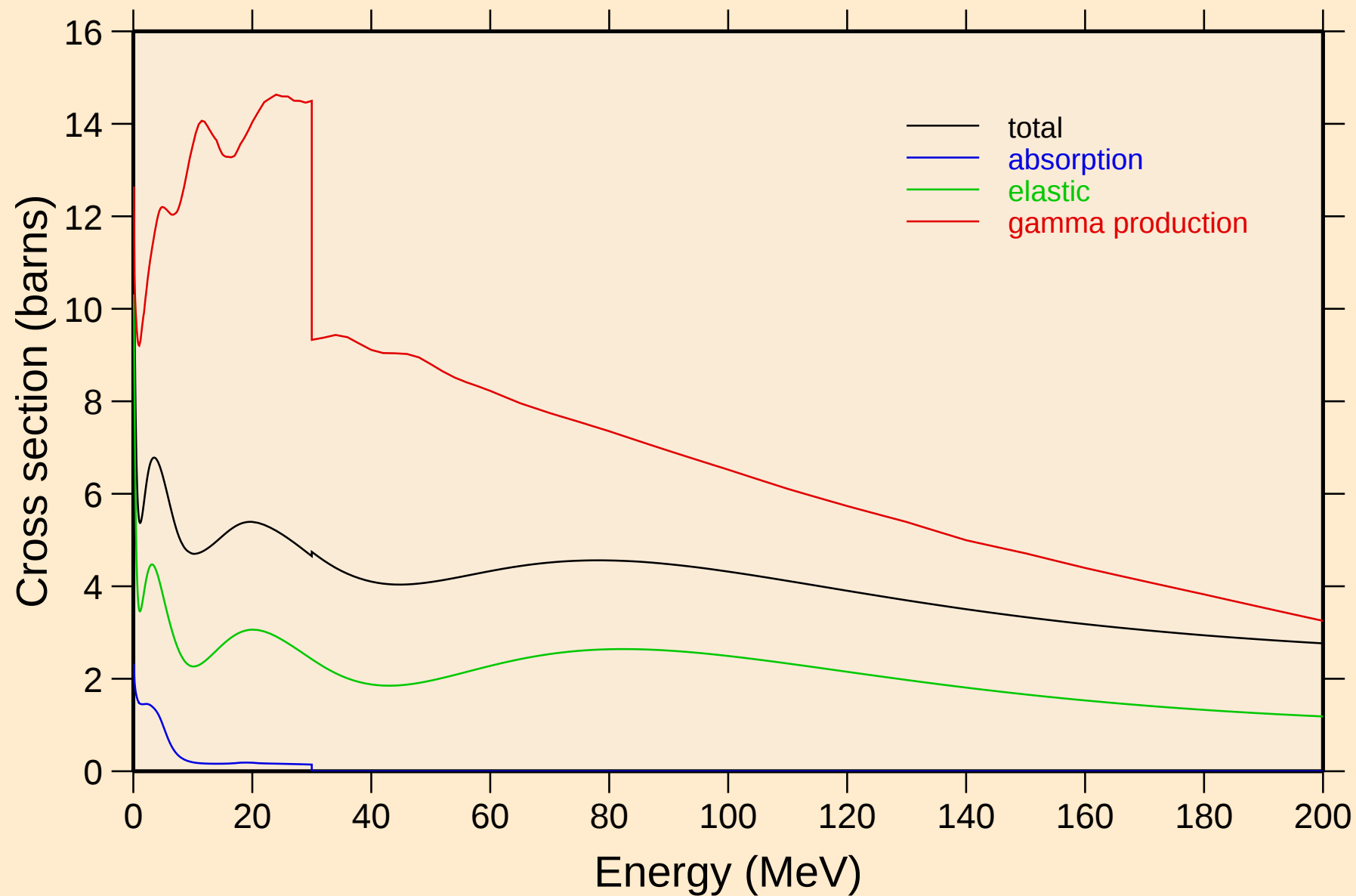


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



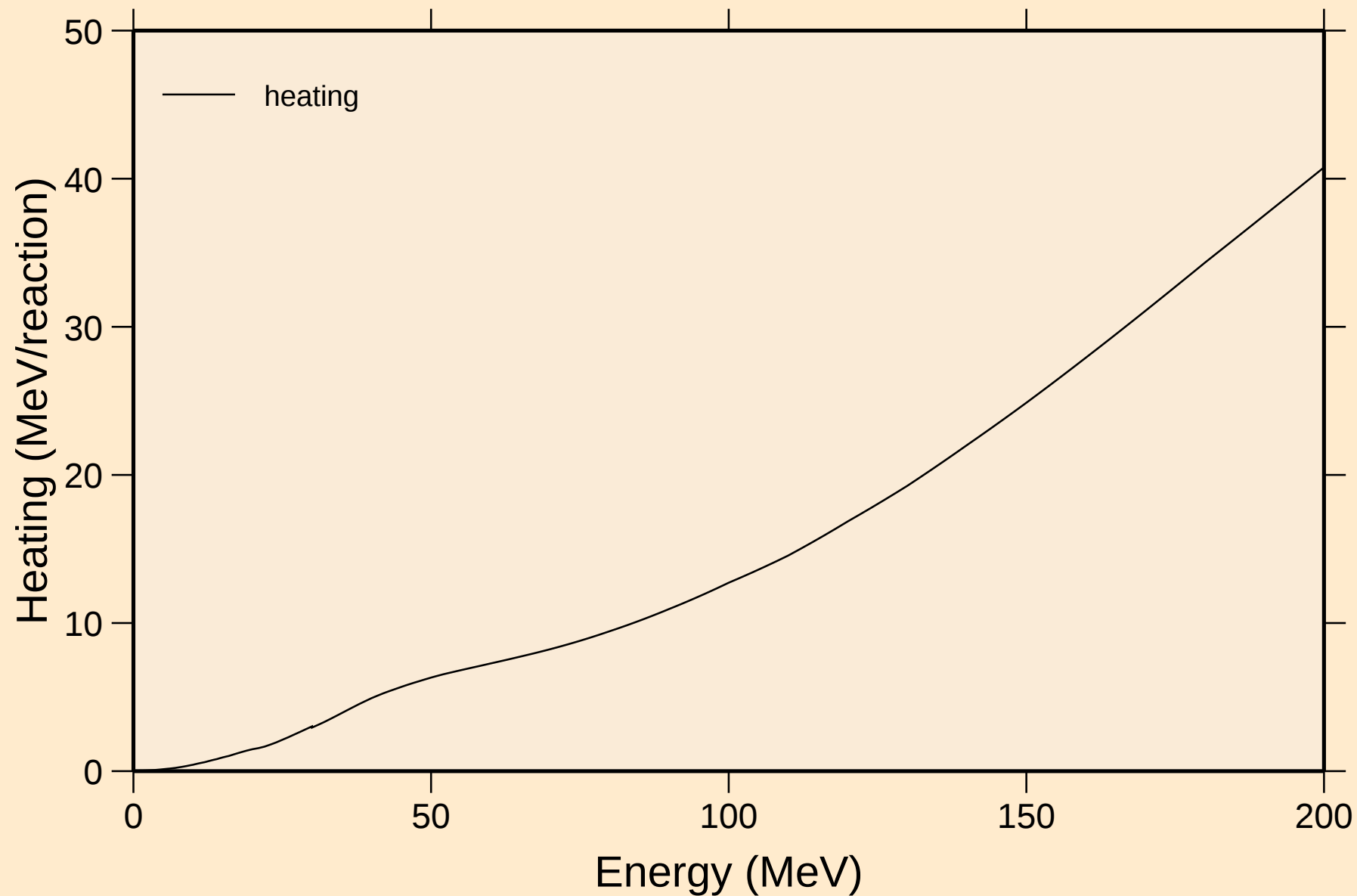
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Principal cross sections



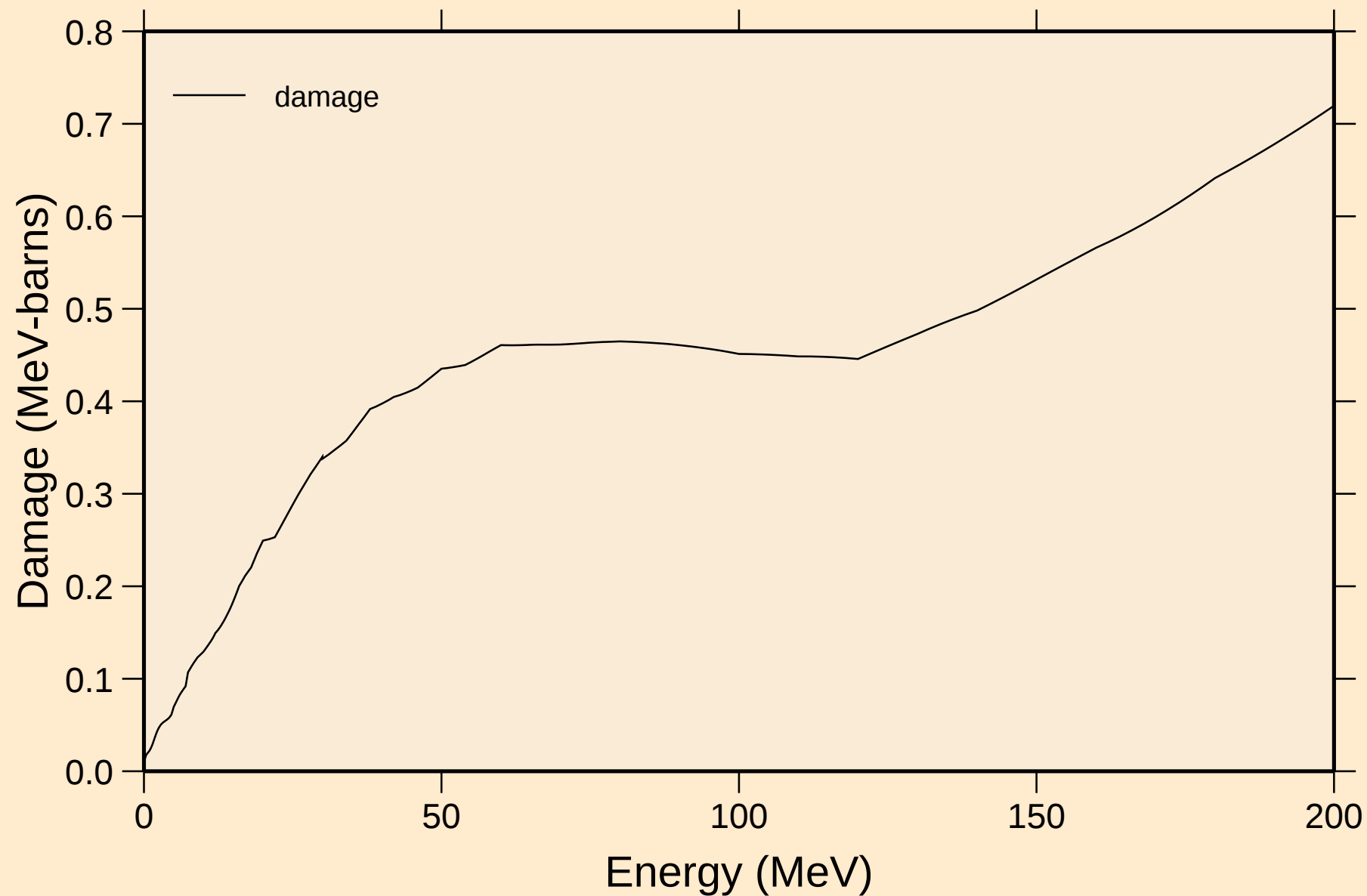
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Heating

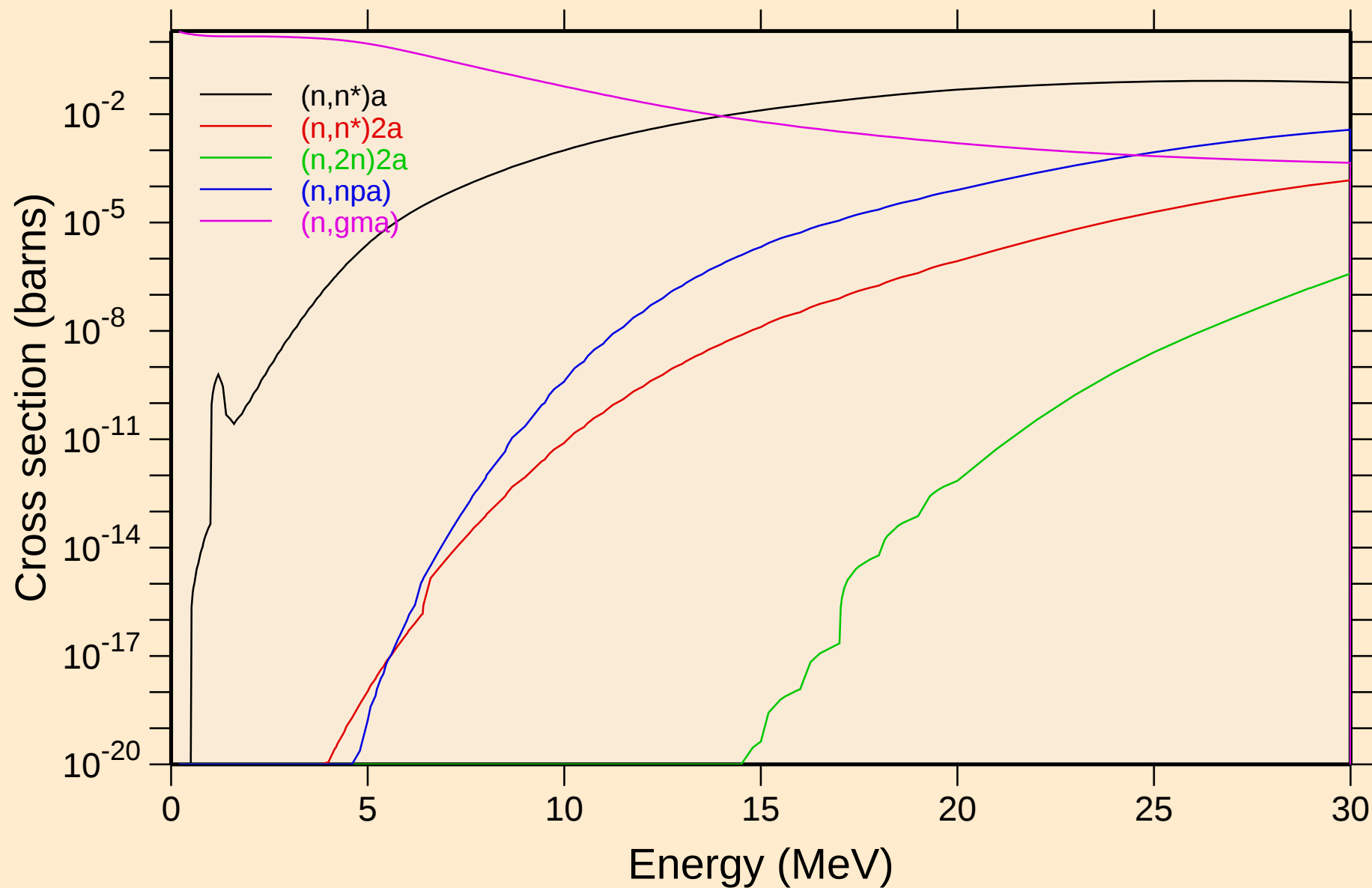


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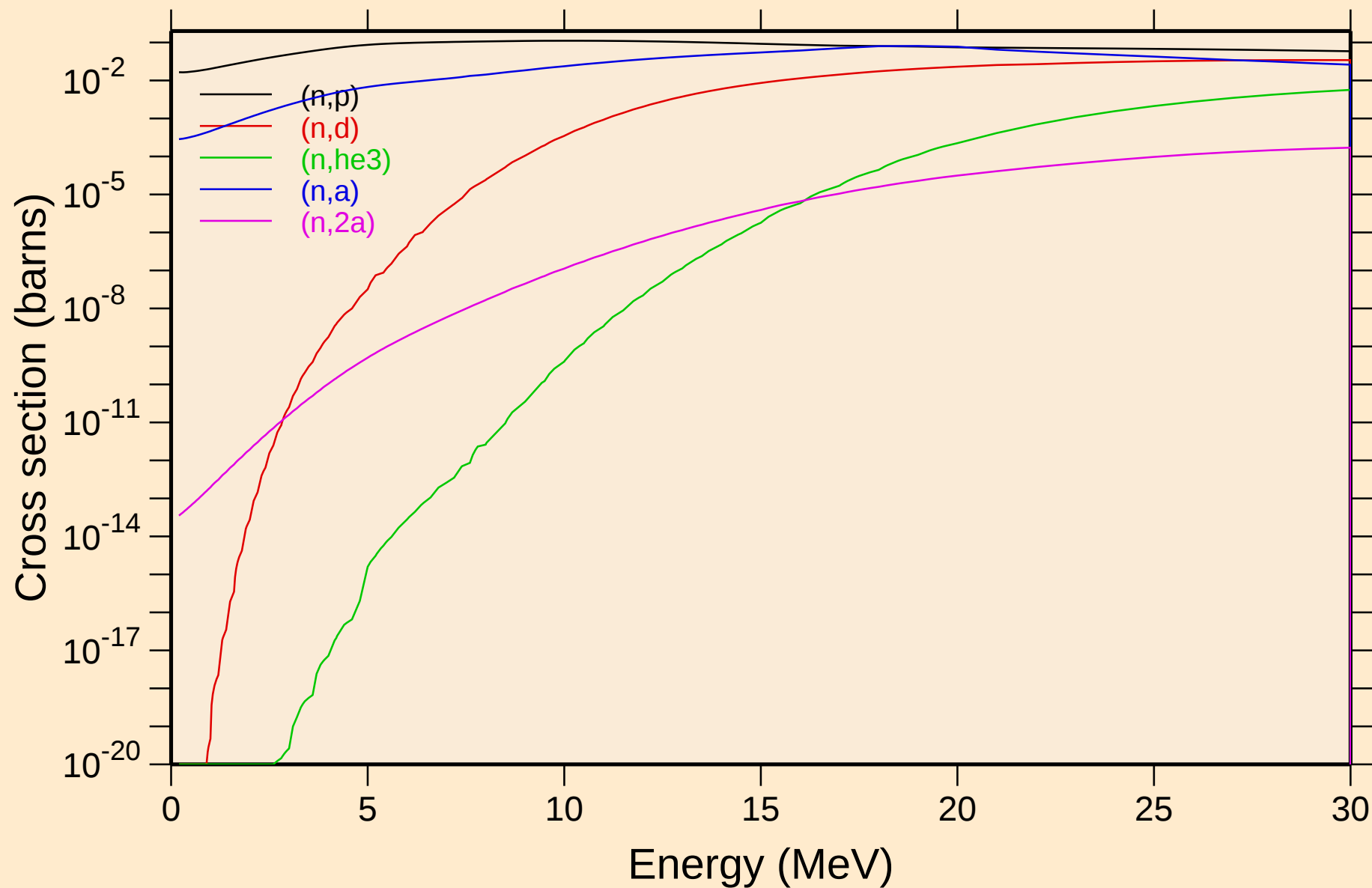
Damage



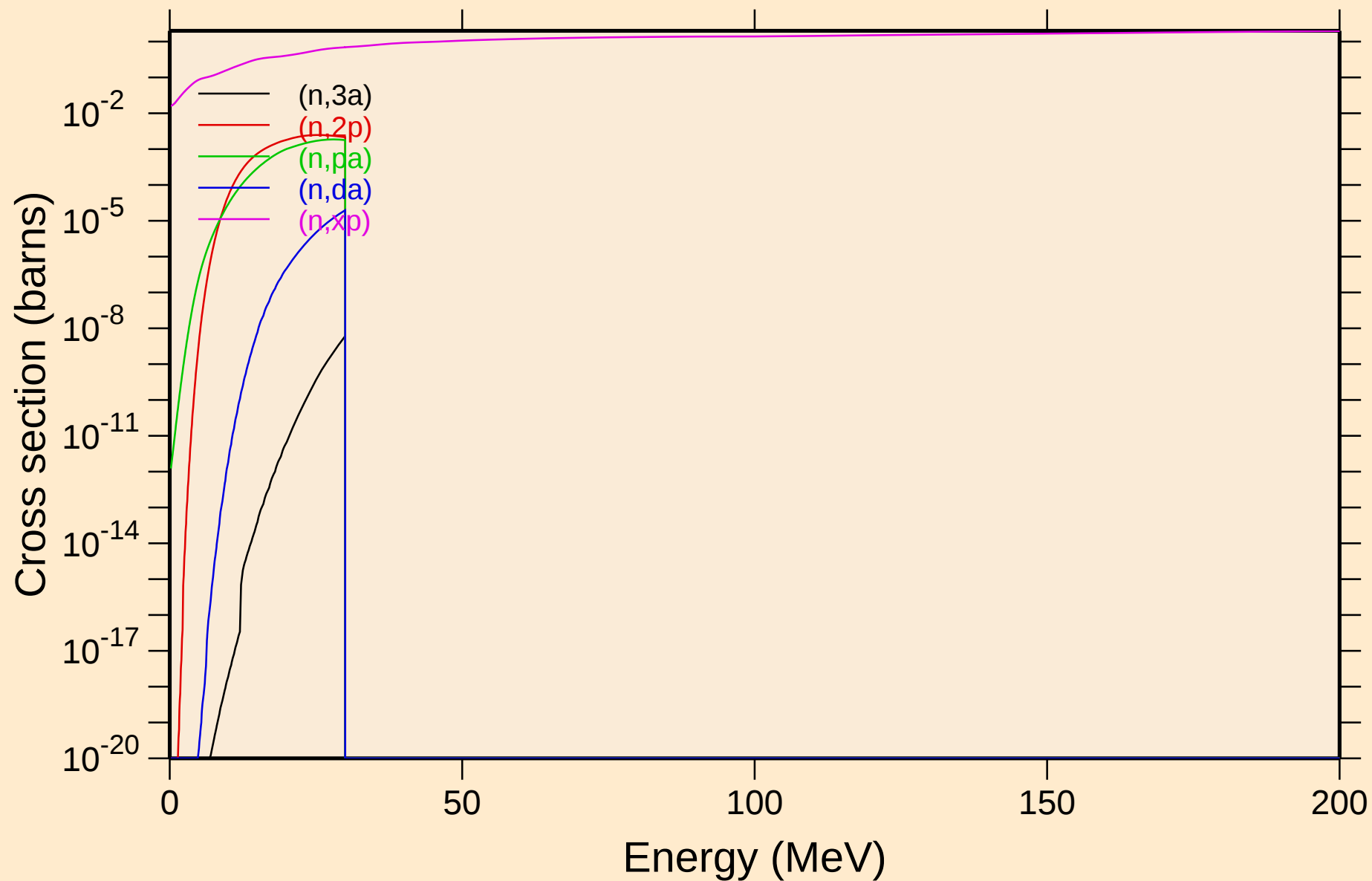
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Non-threshold reactions



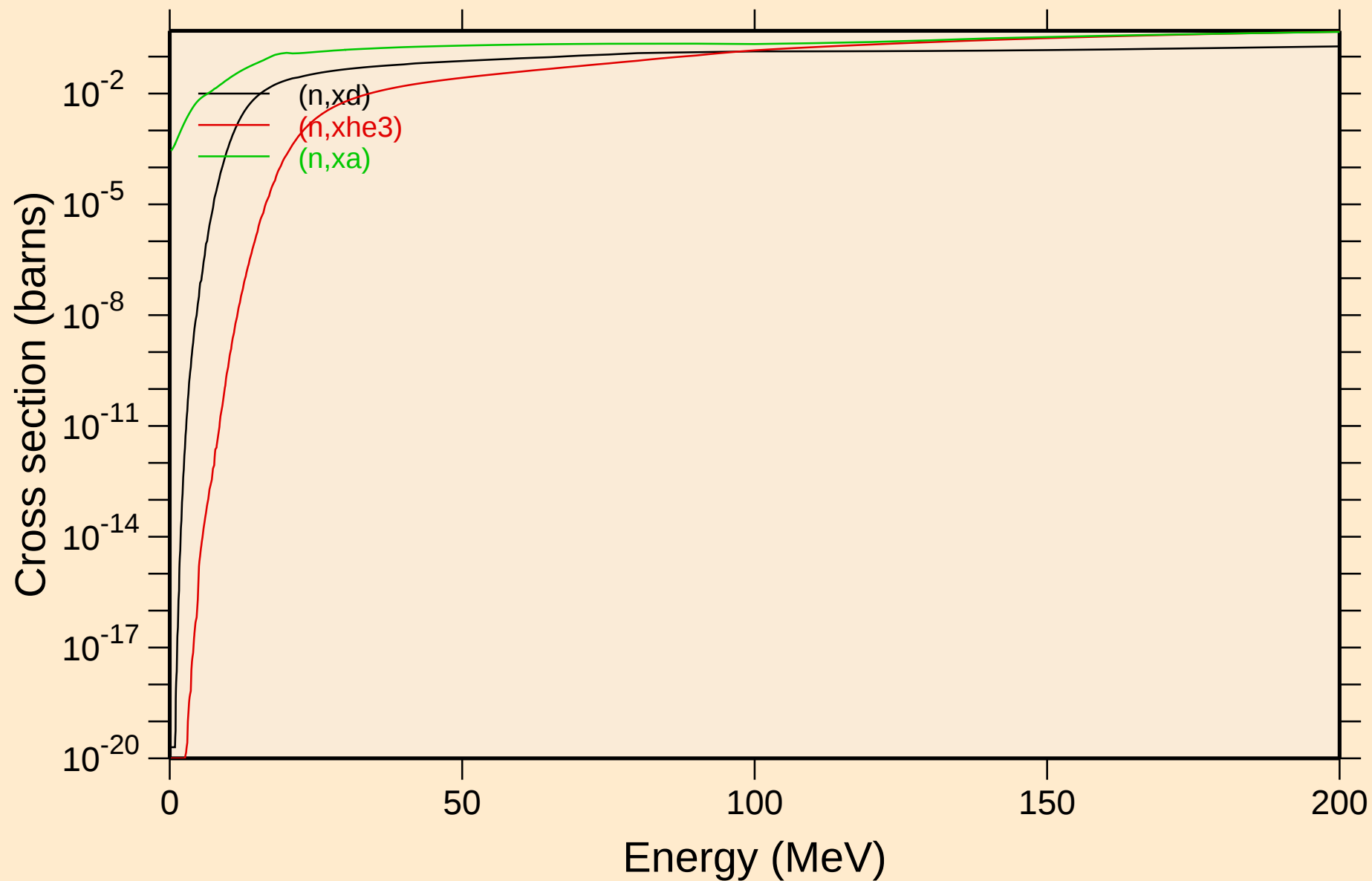
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Non-threshold reactions



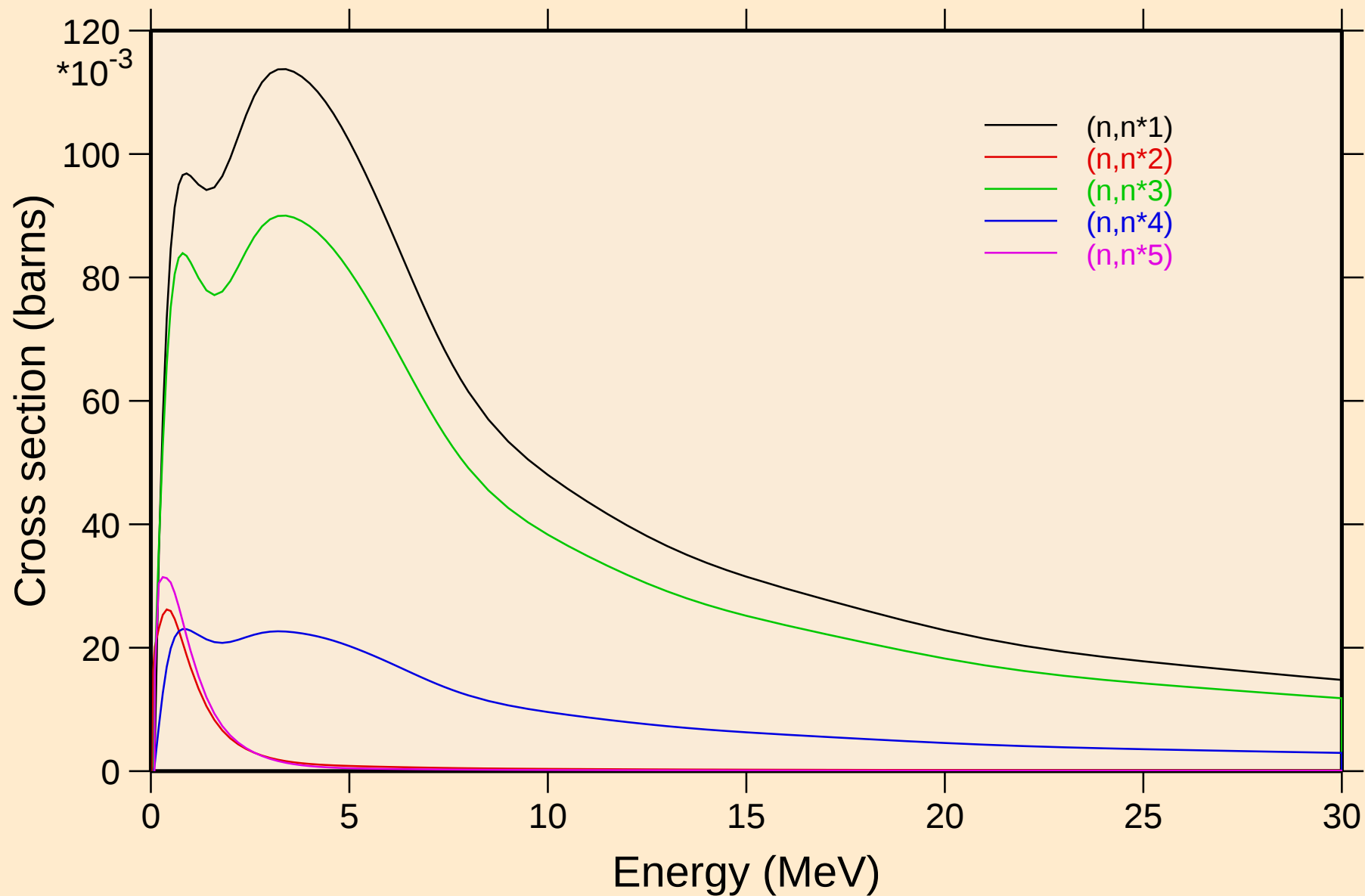
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Non-threshold reactions



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

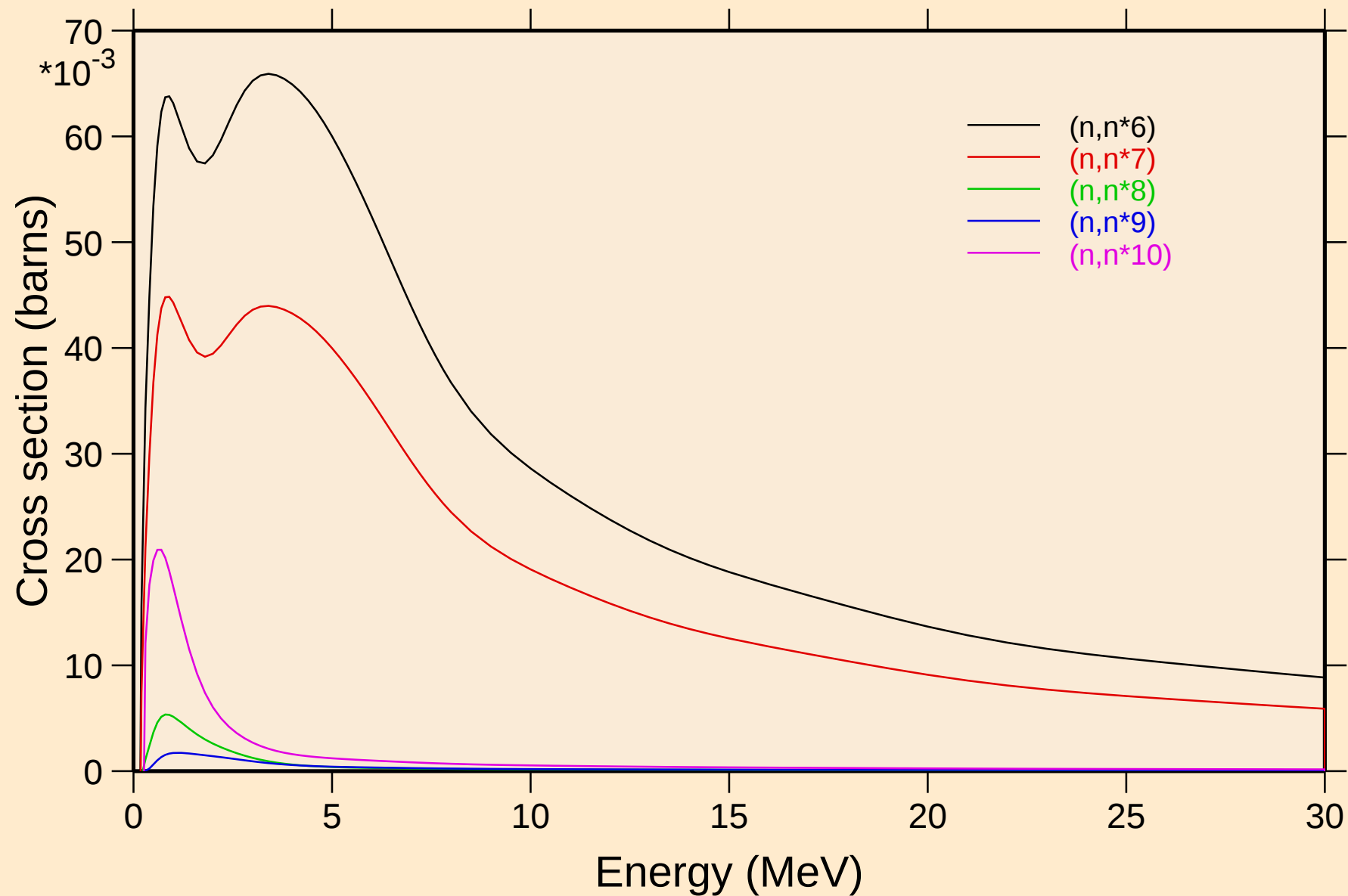


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



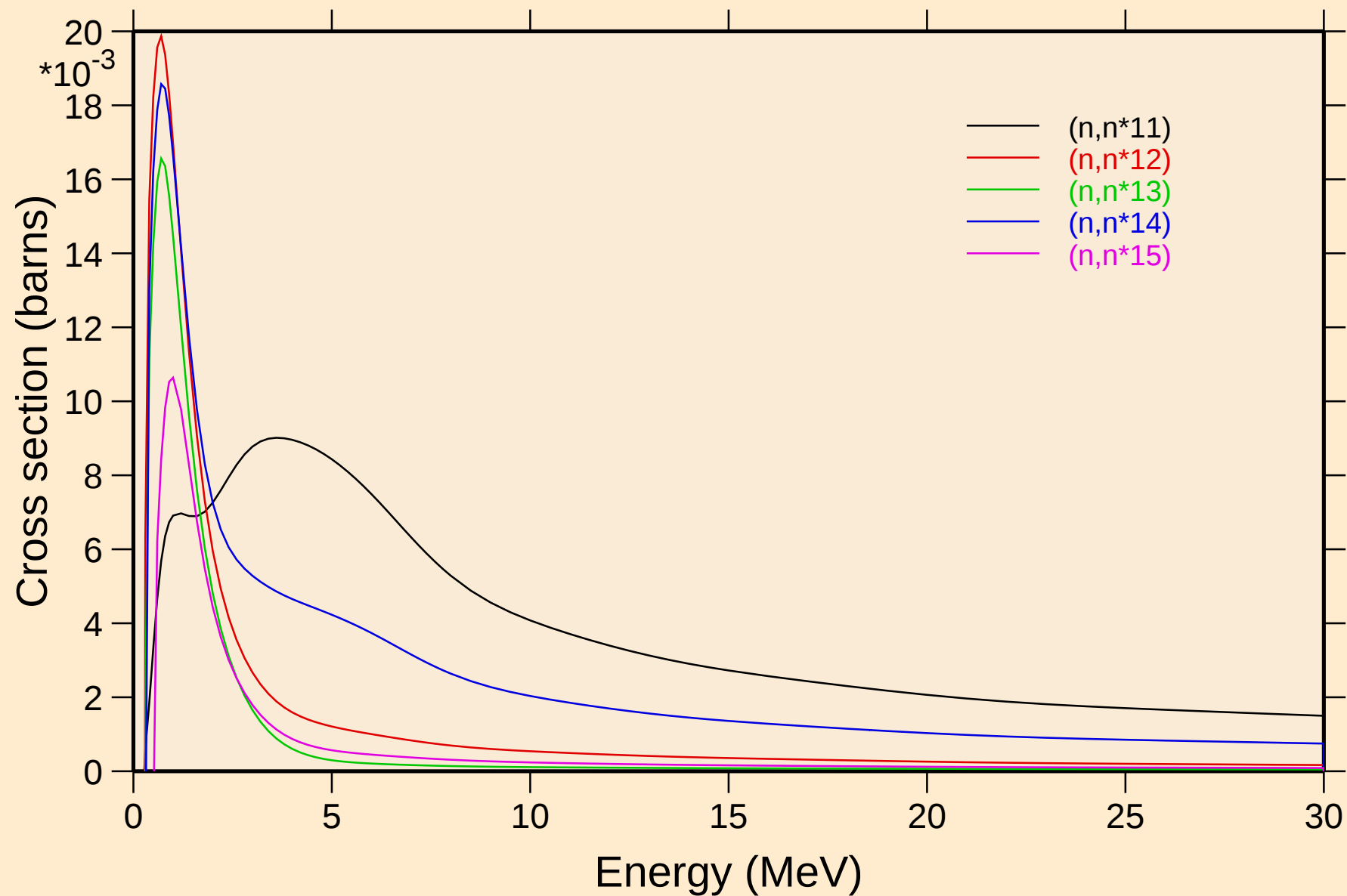
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



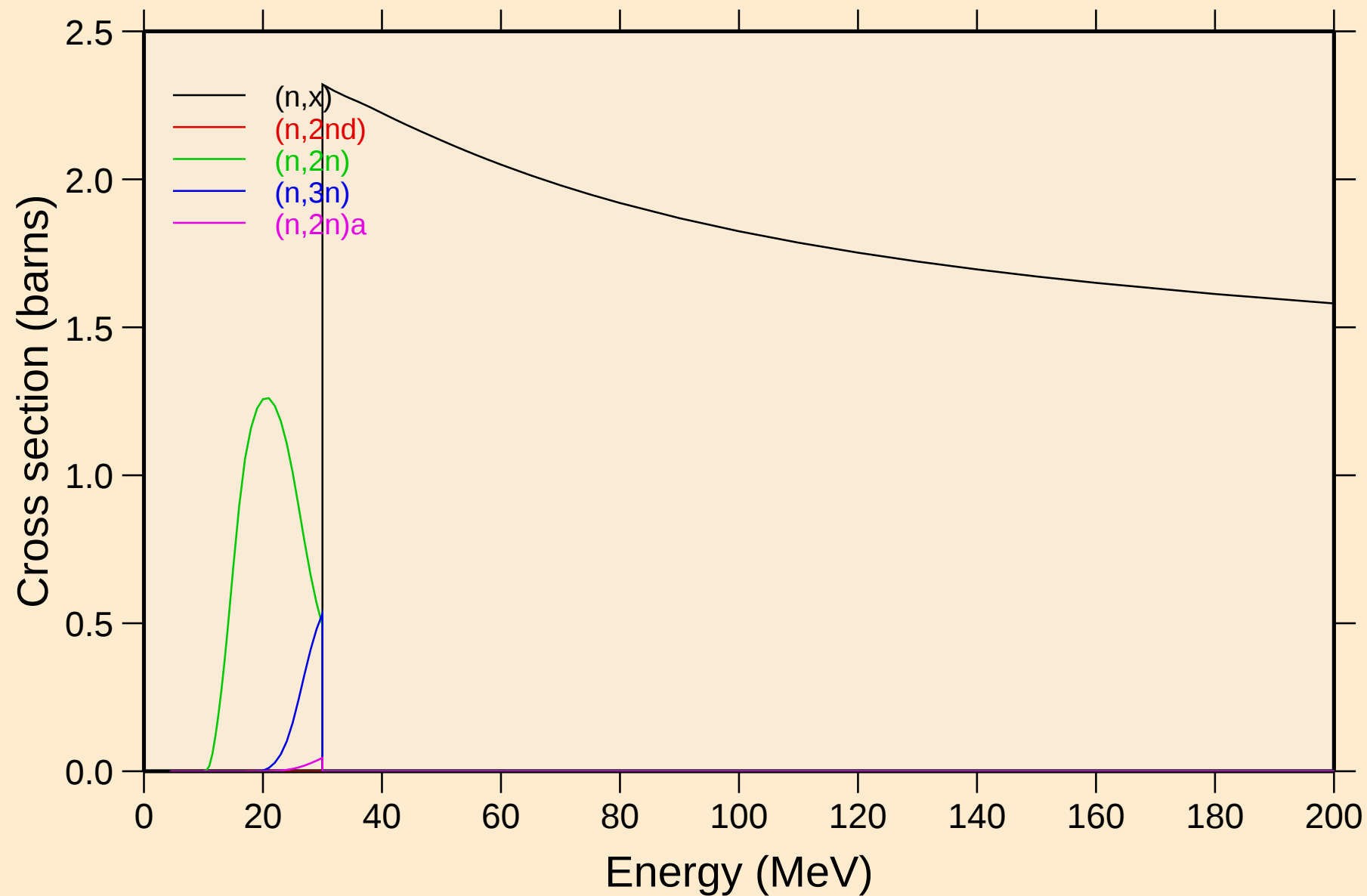
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

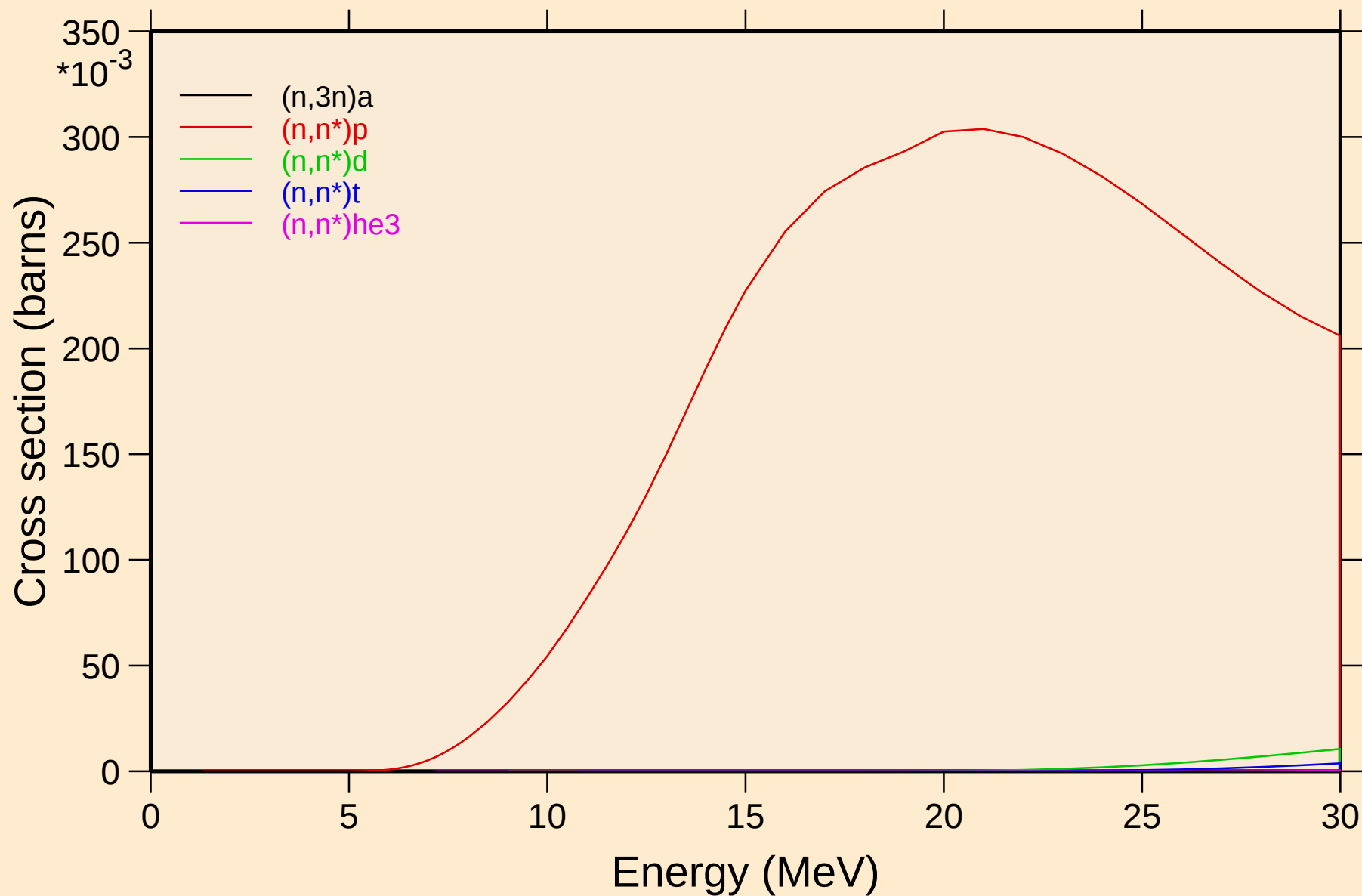


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

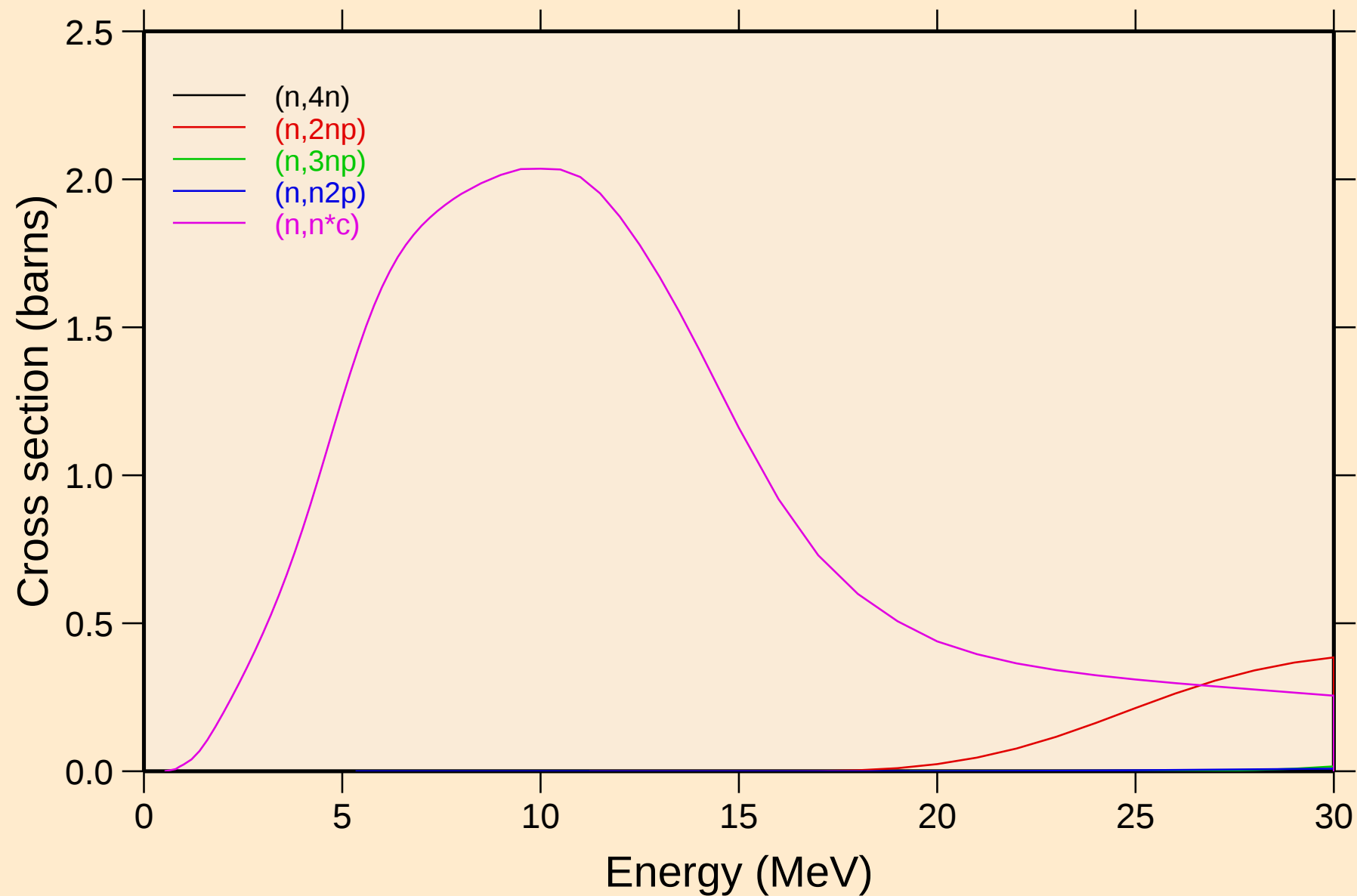
Threshold reactions



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

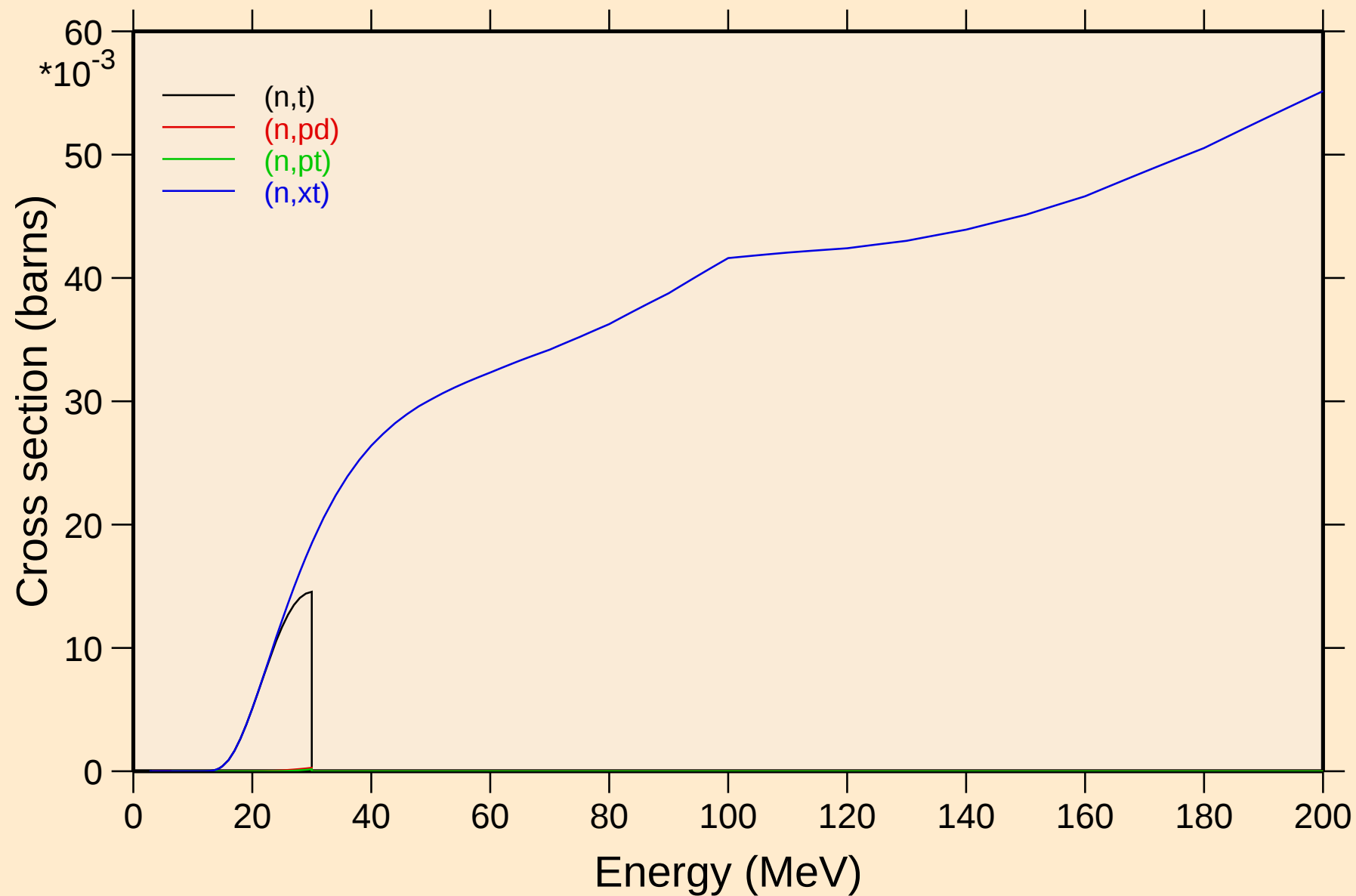


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

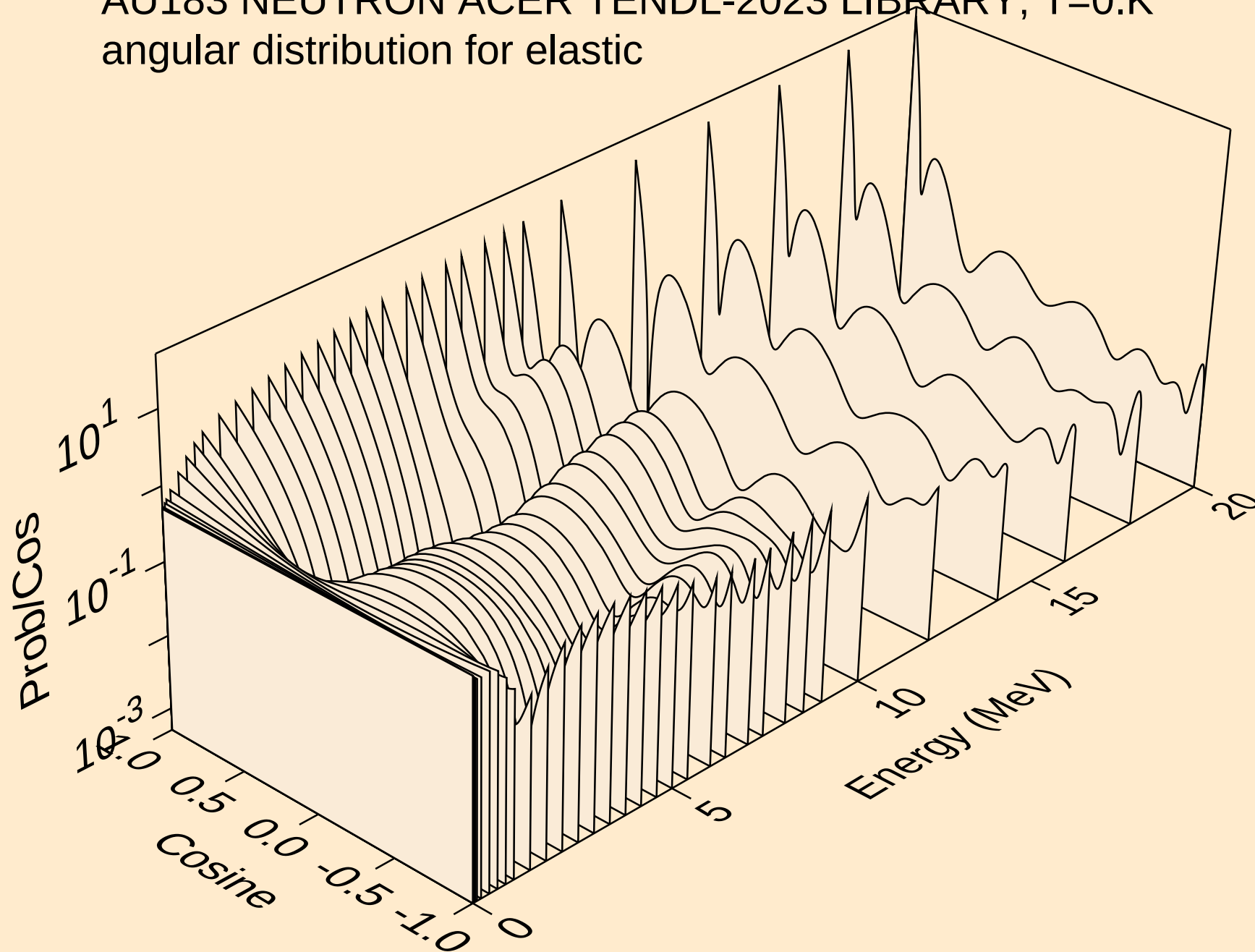


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

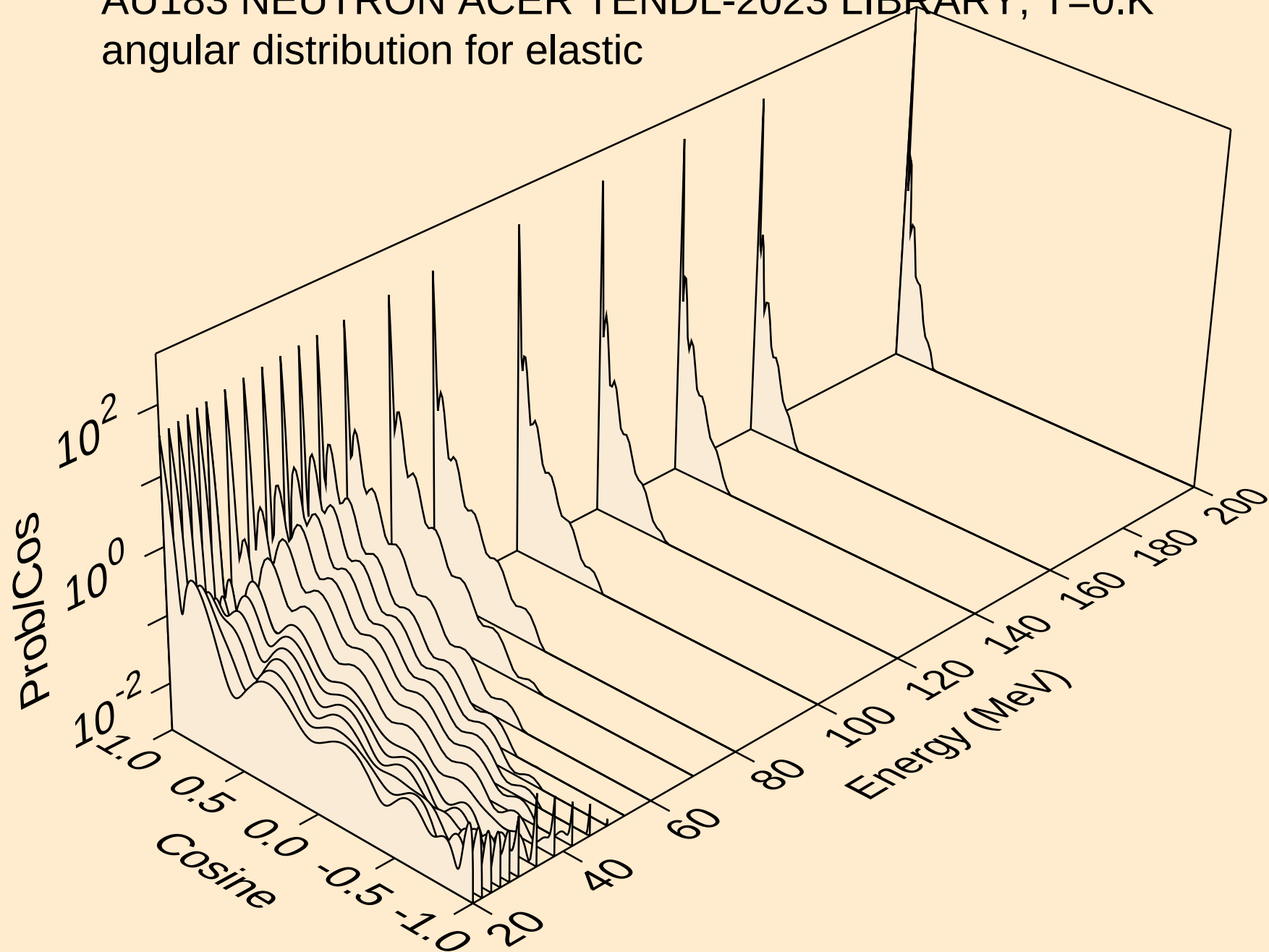
Threshold reactions



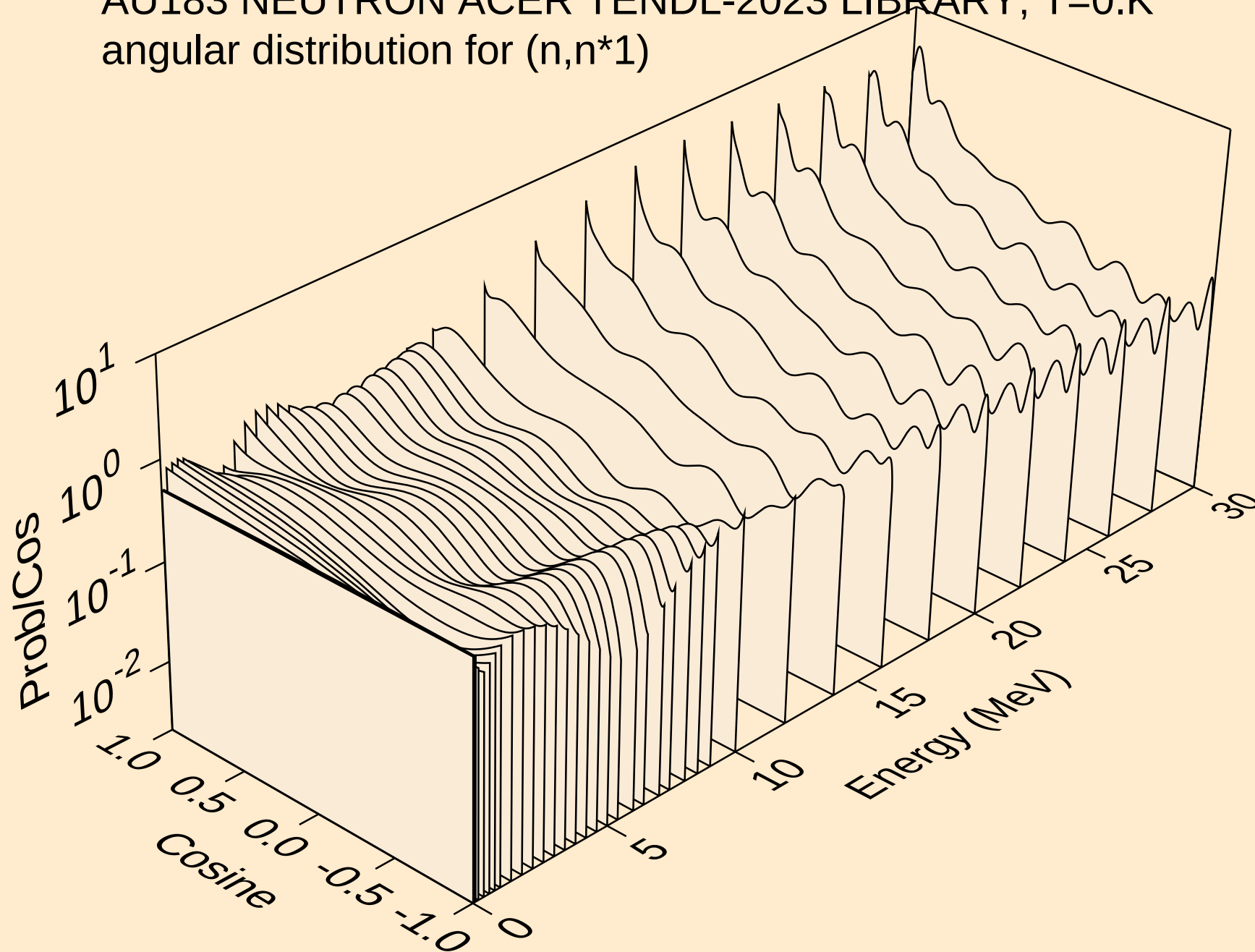
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



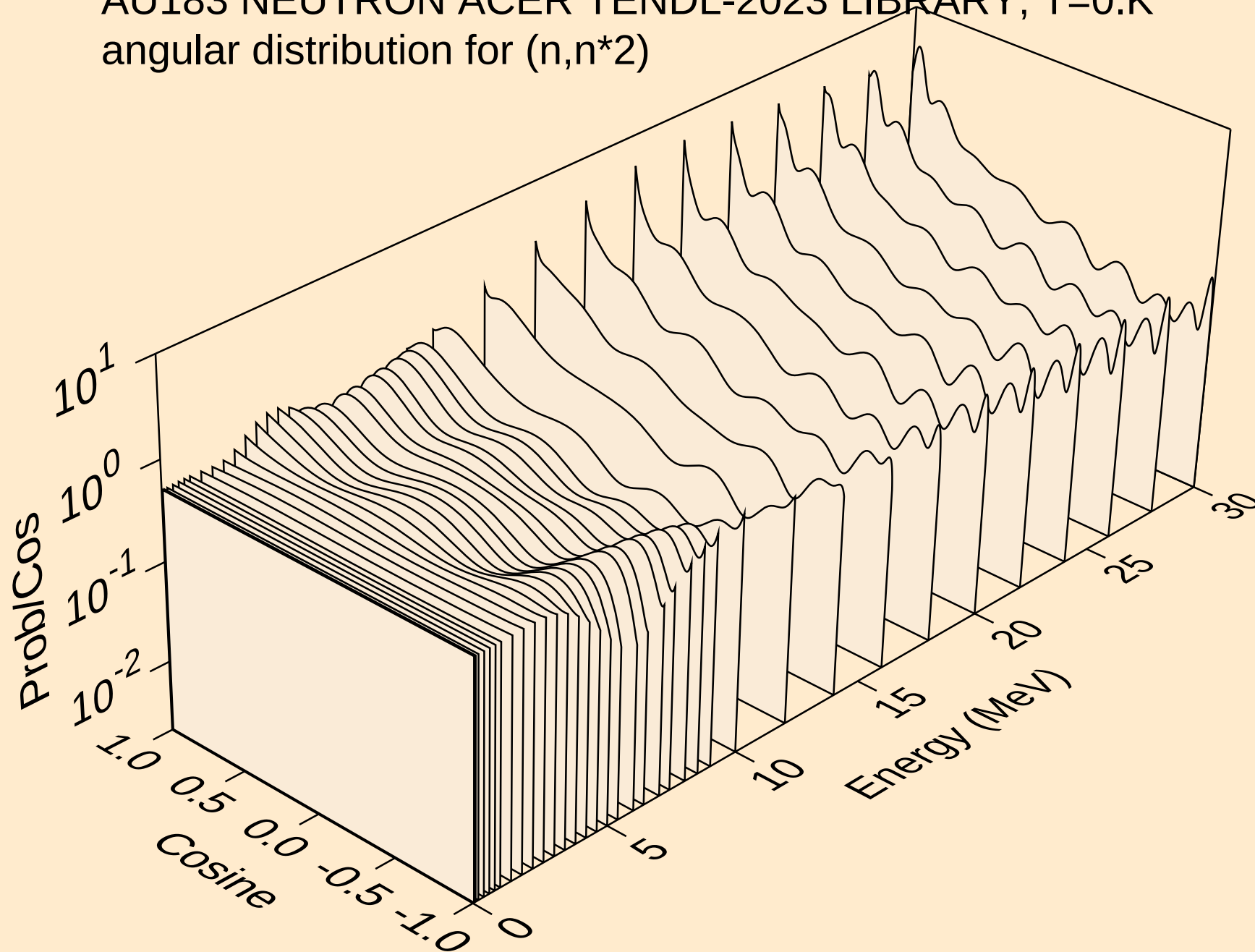
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



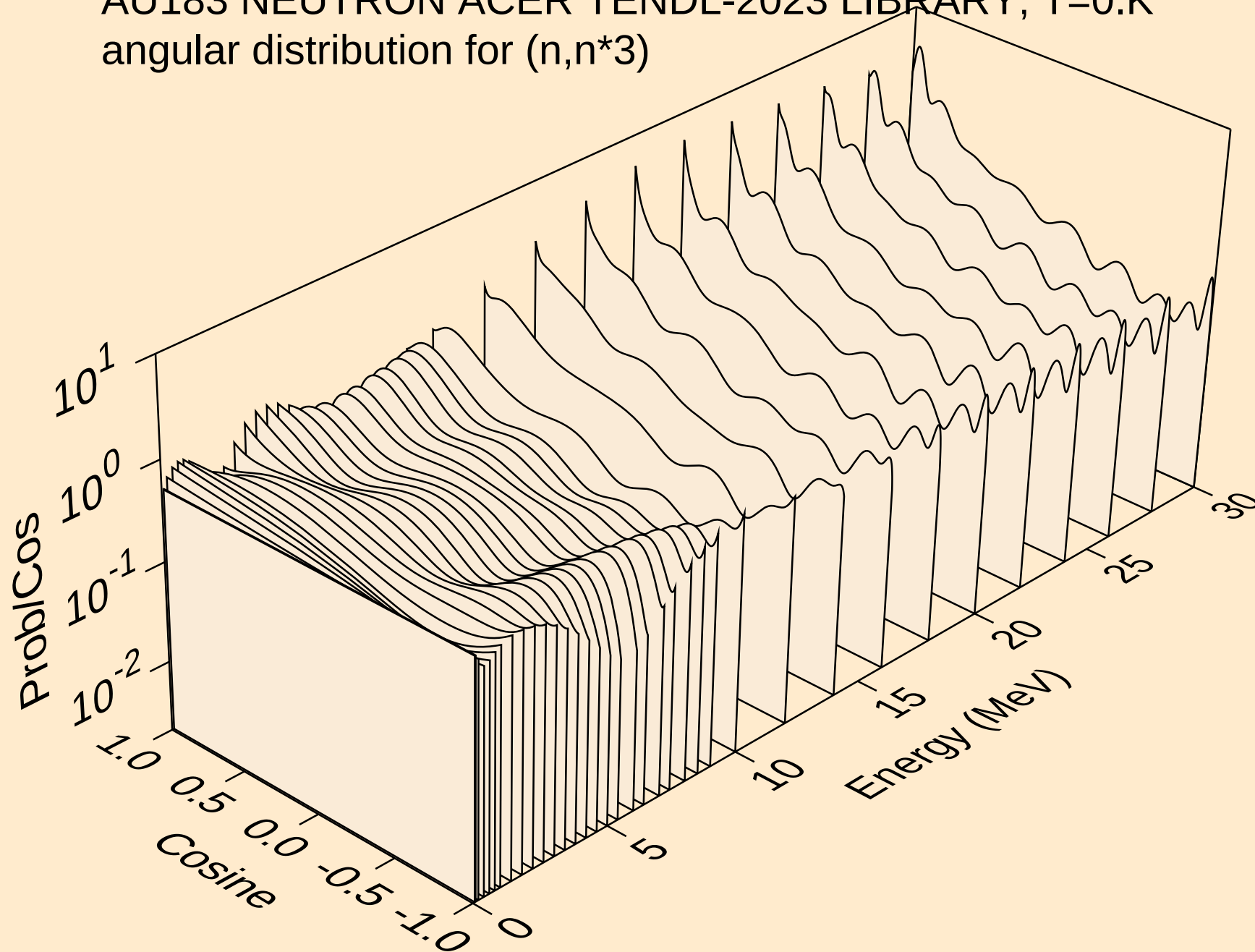
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



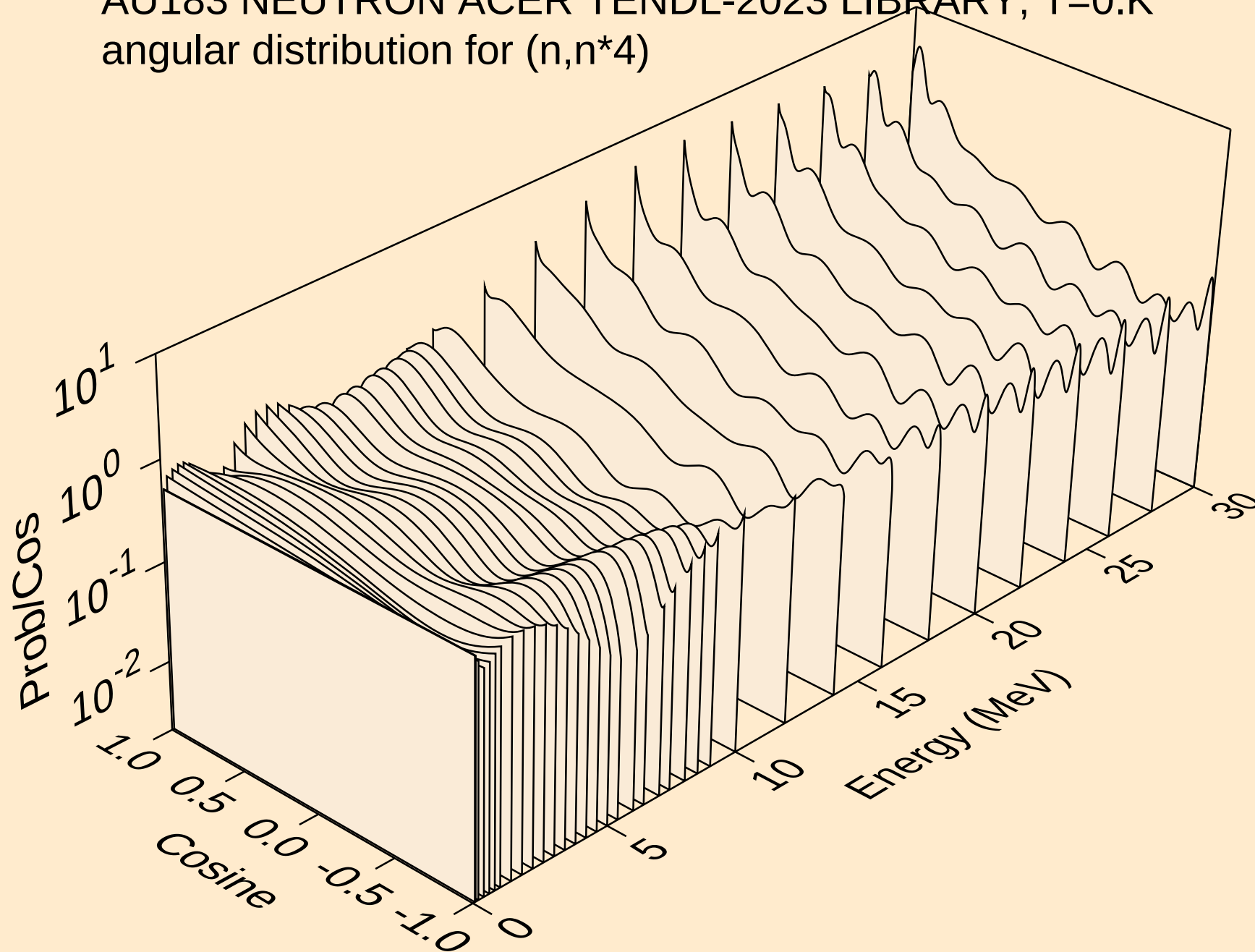
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



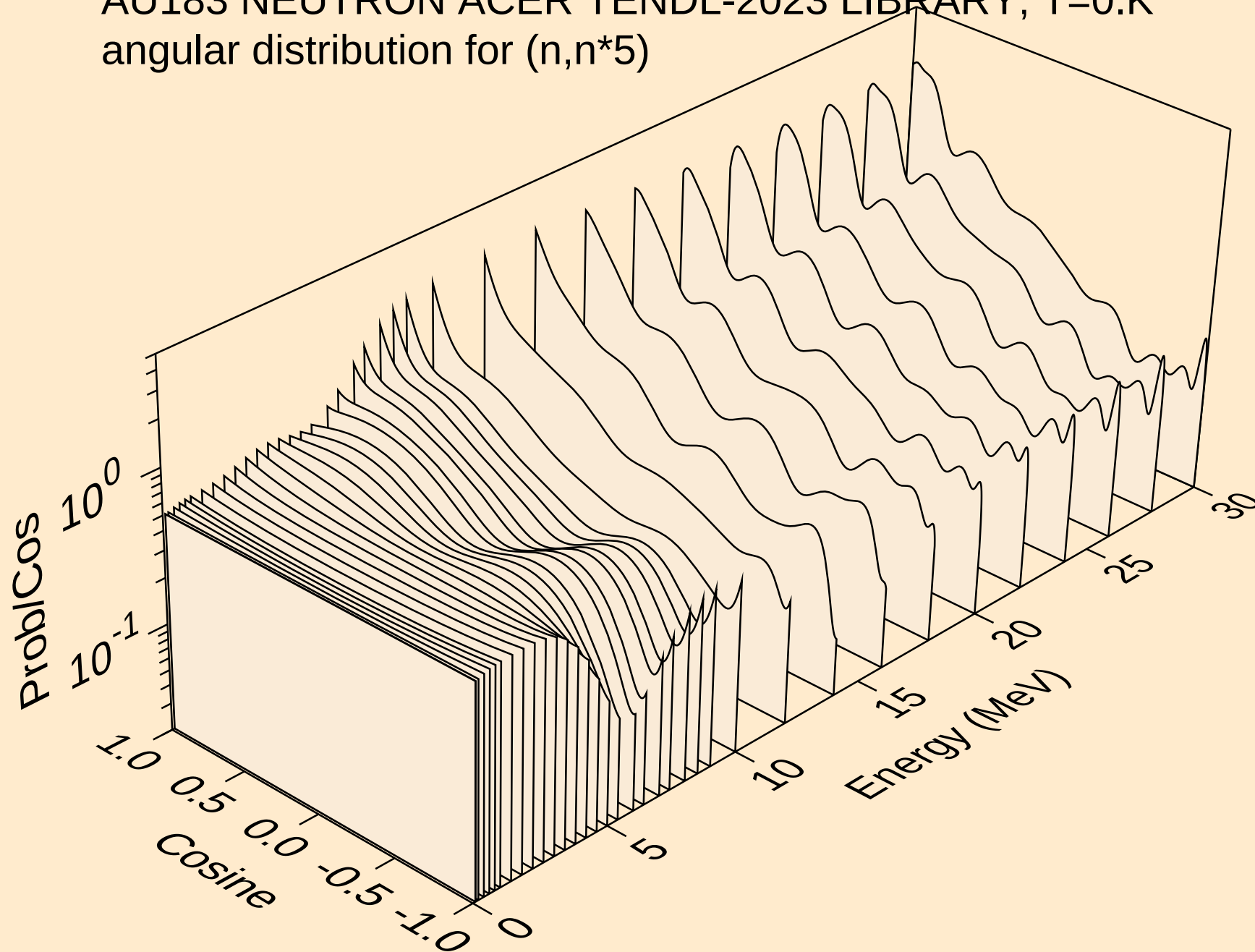
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



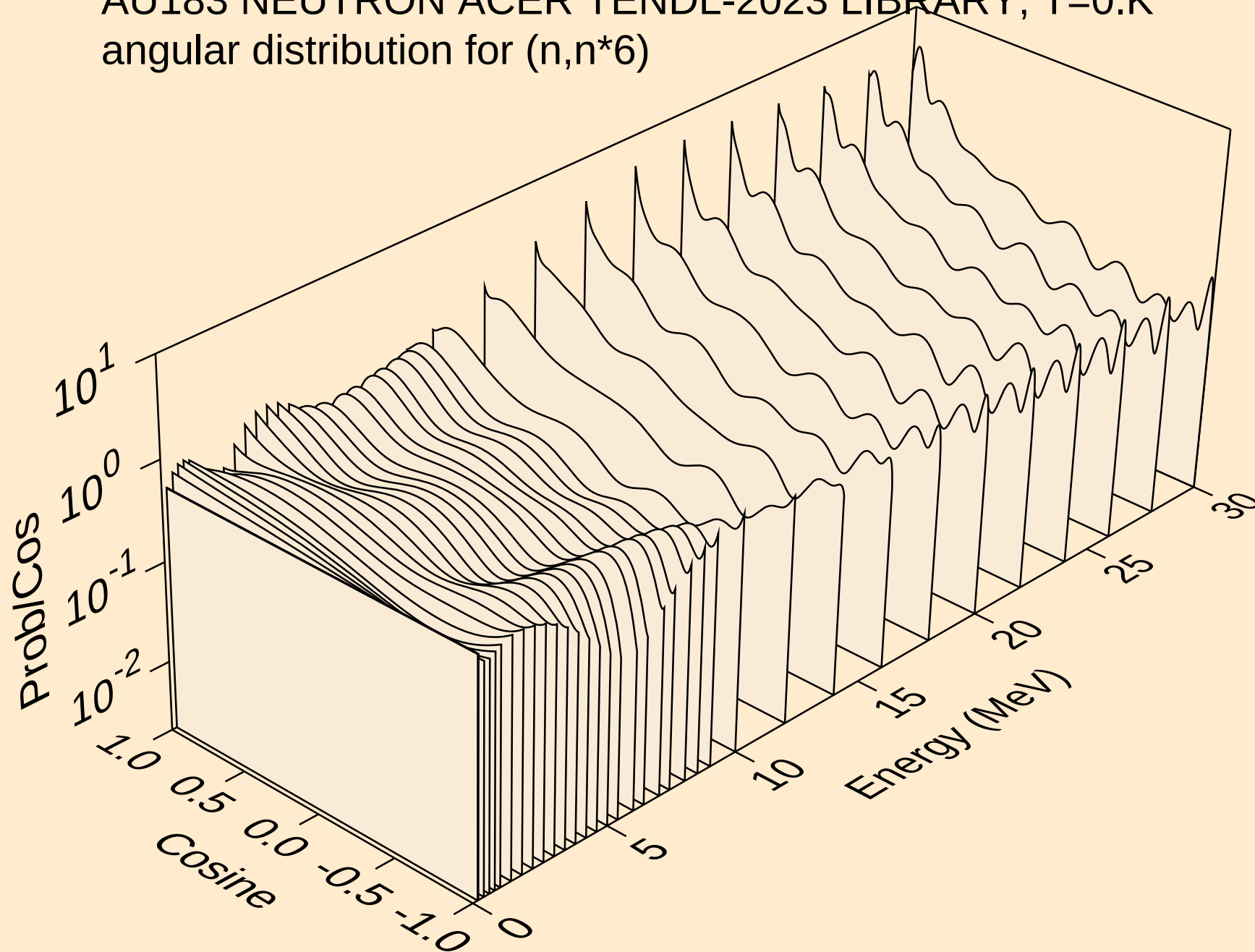
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angular distribution for (n,n*4)



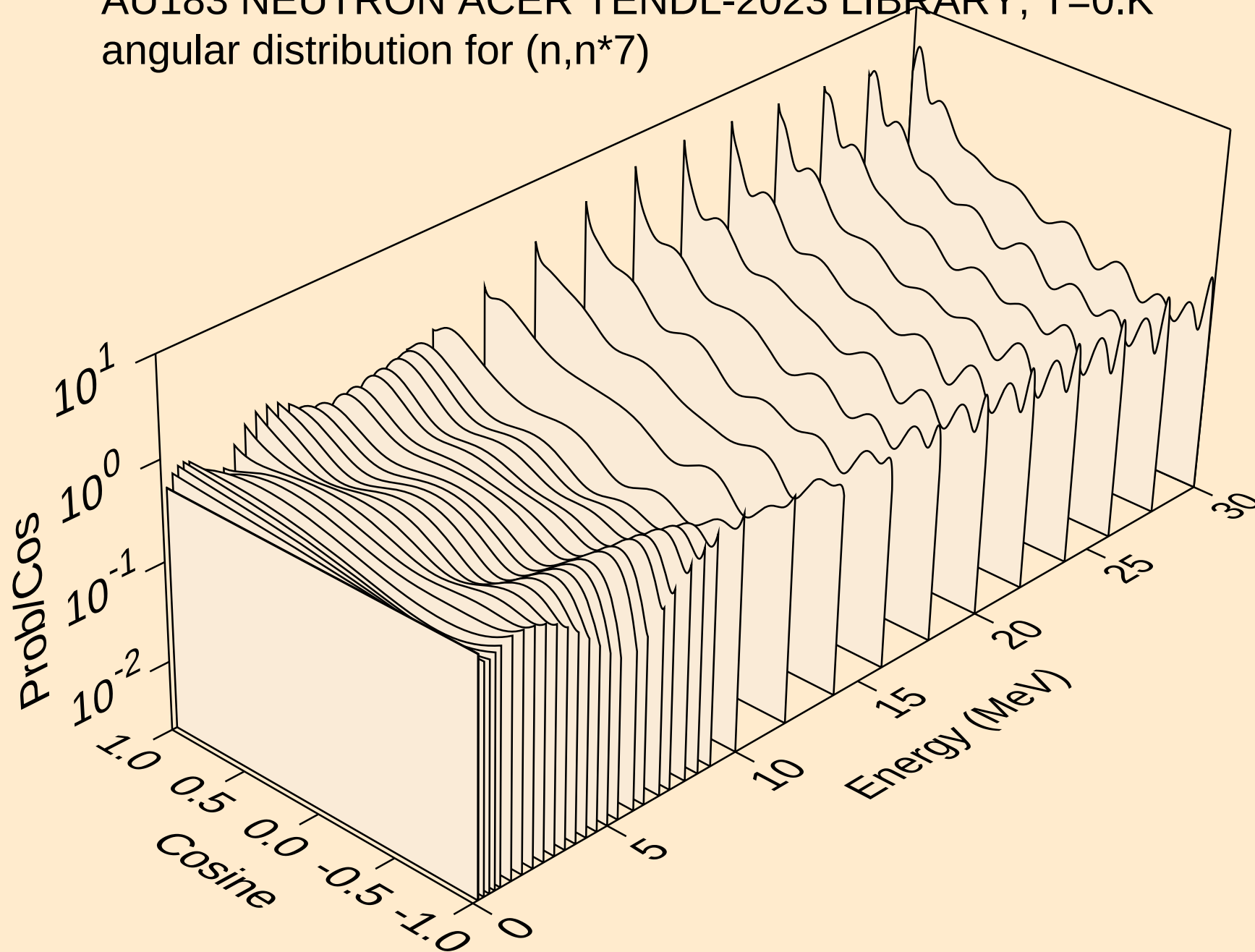
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angular distribution for (n,n*5)



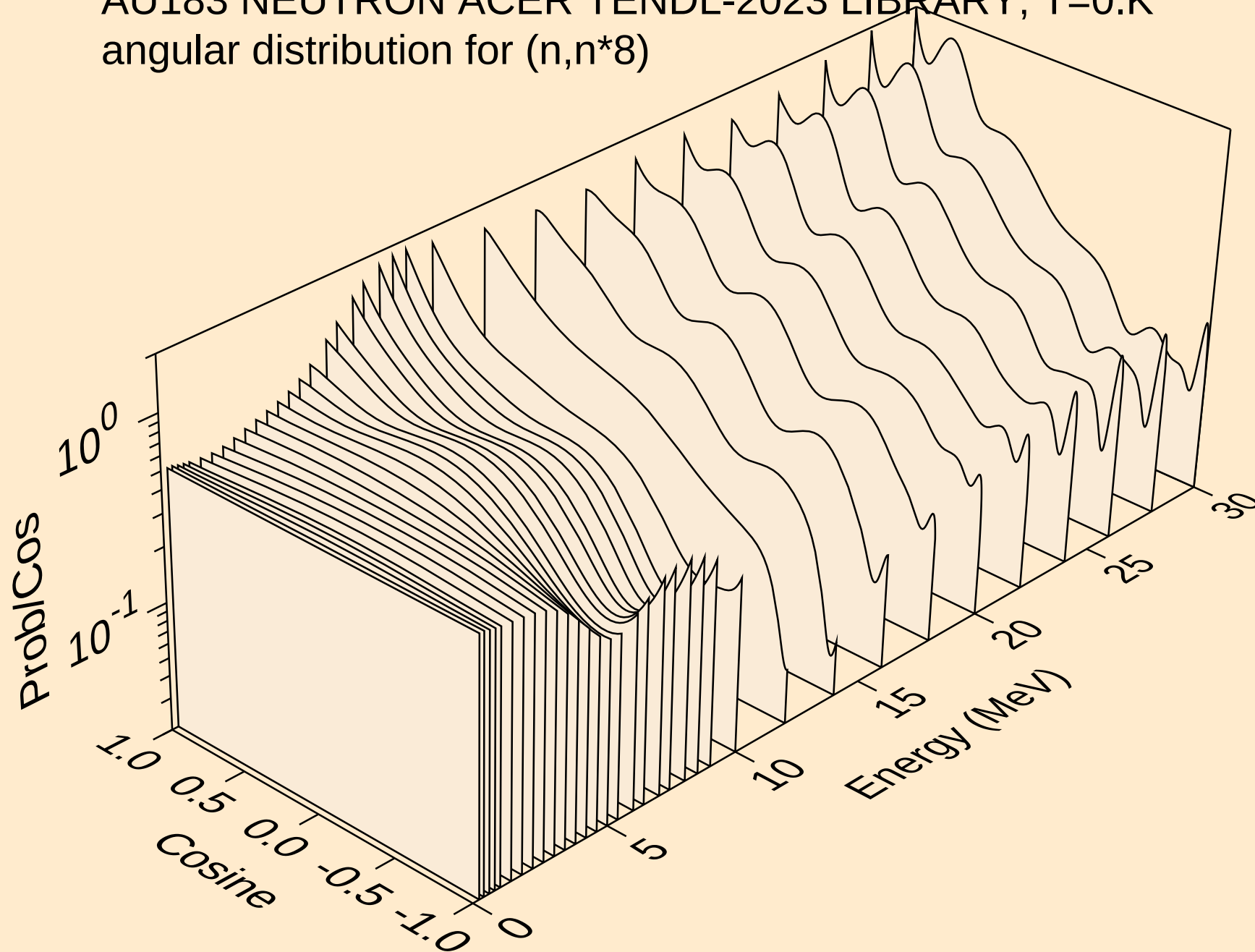
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



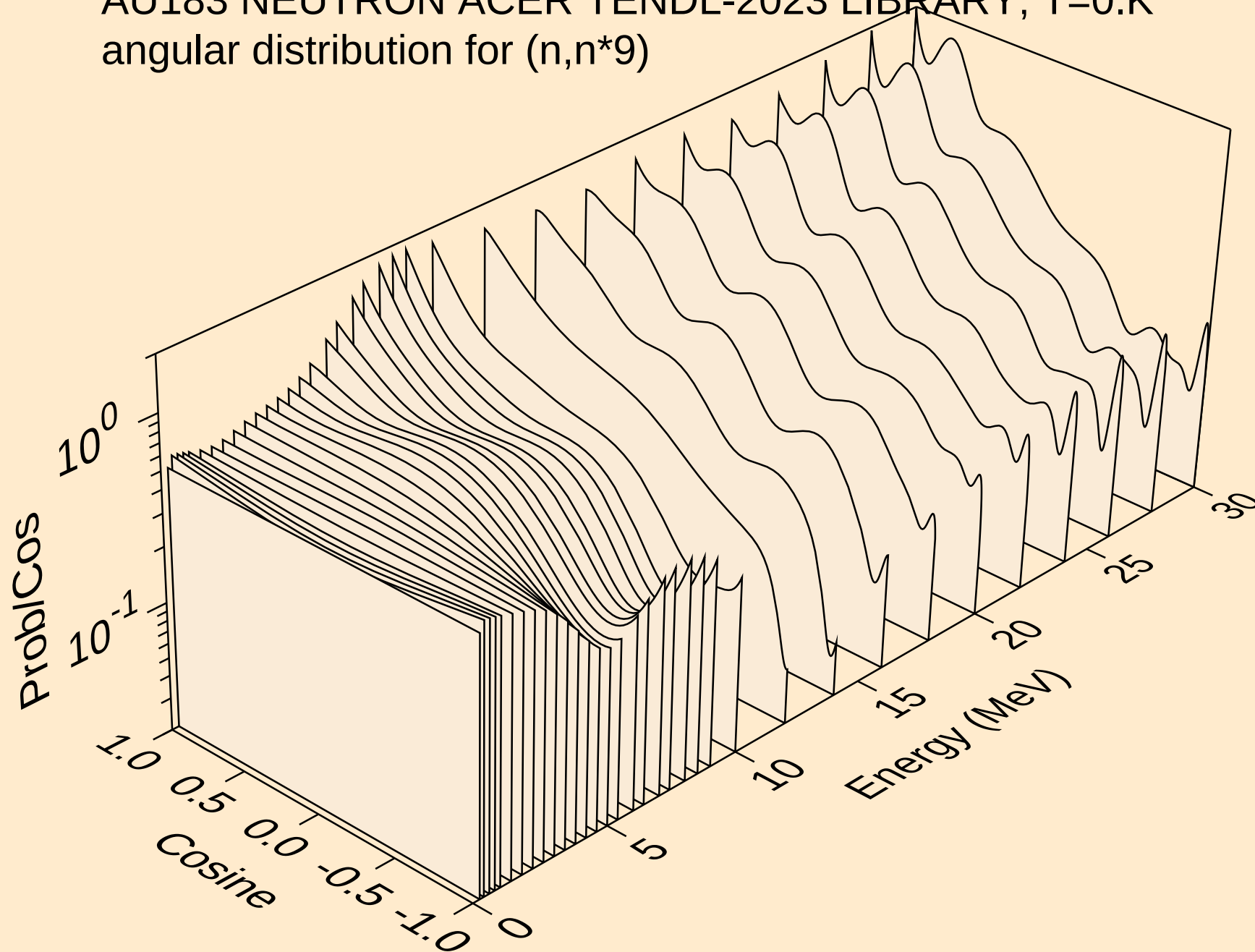
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



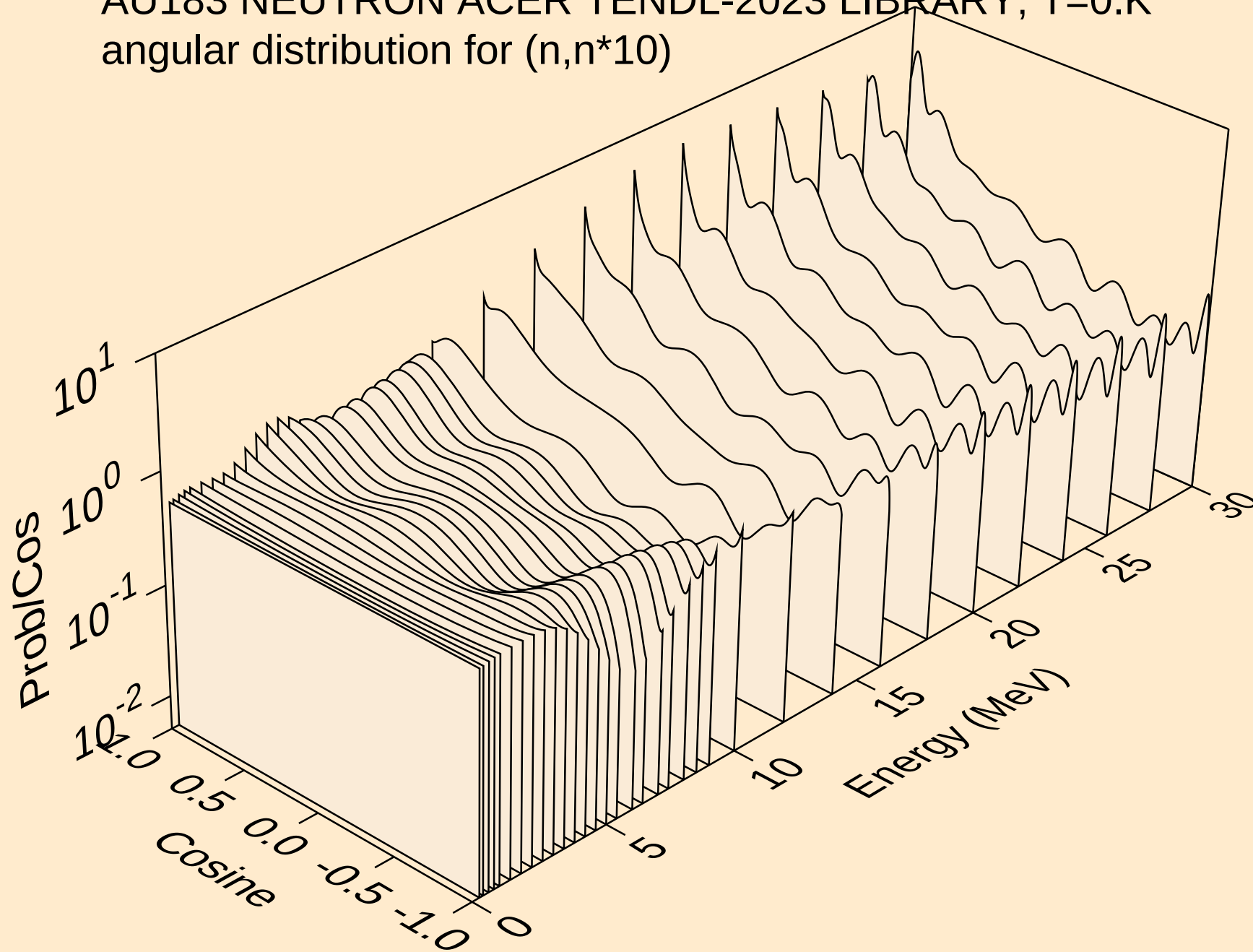
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



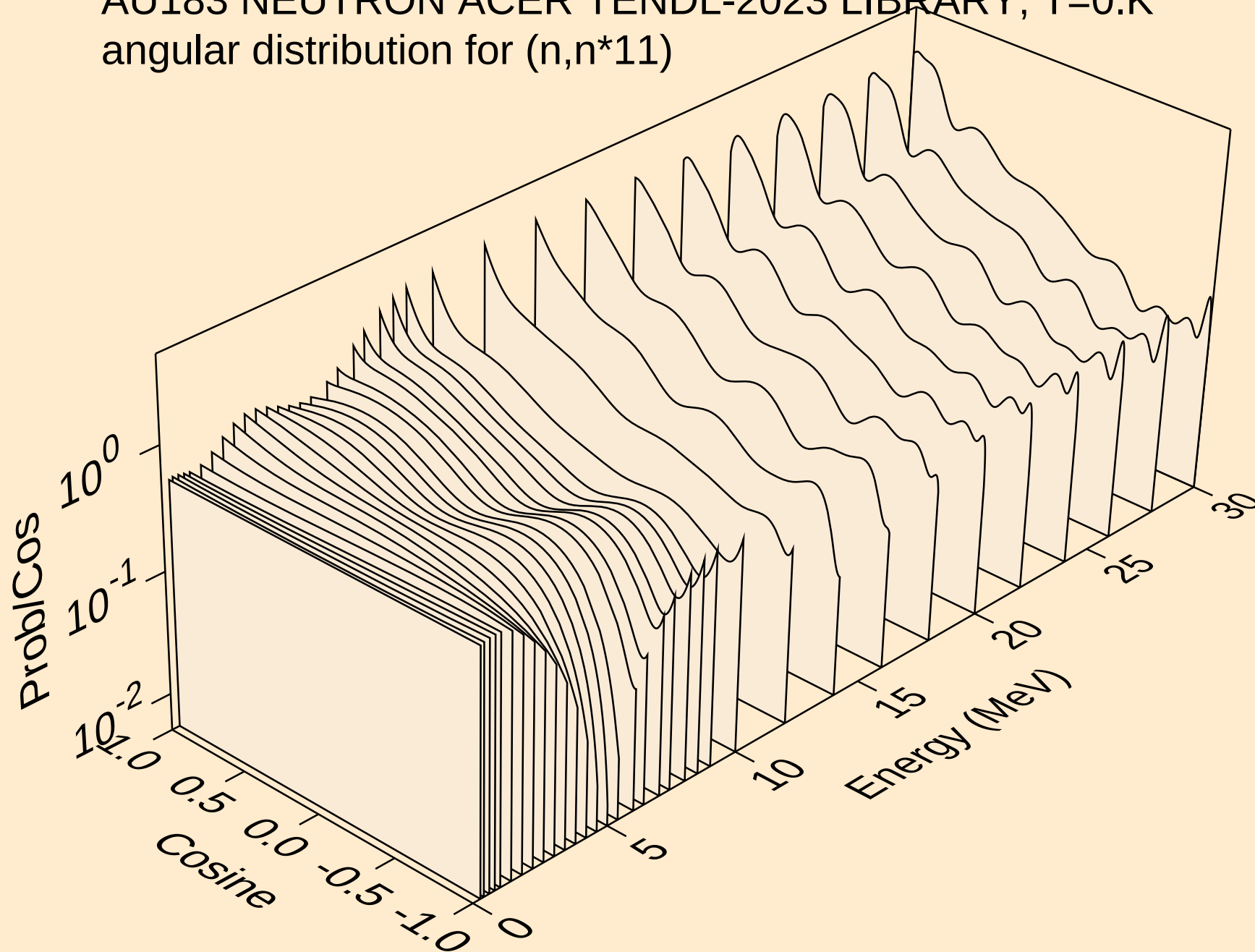
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



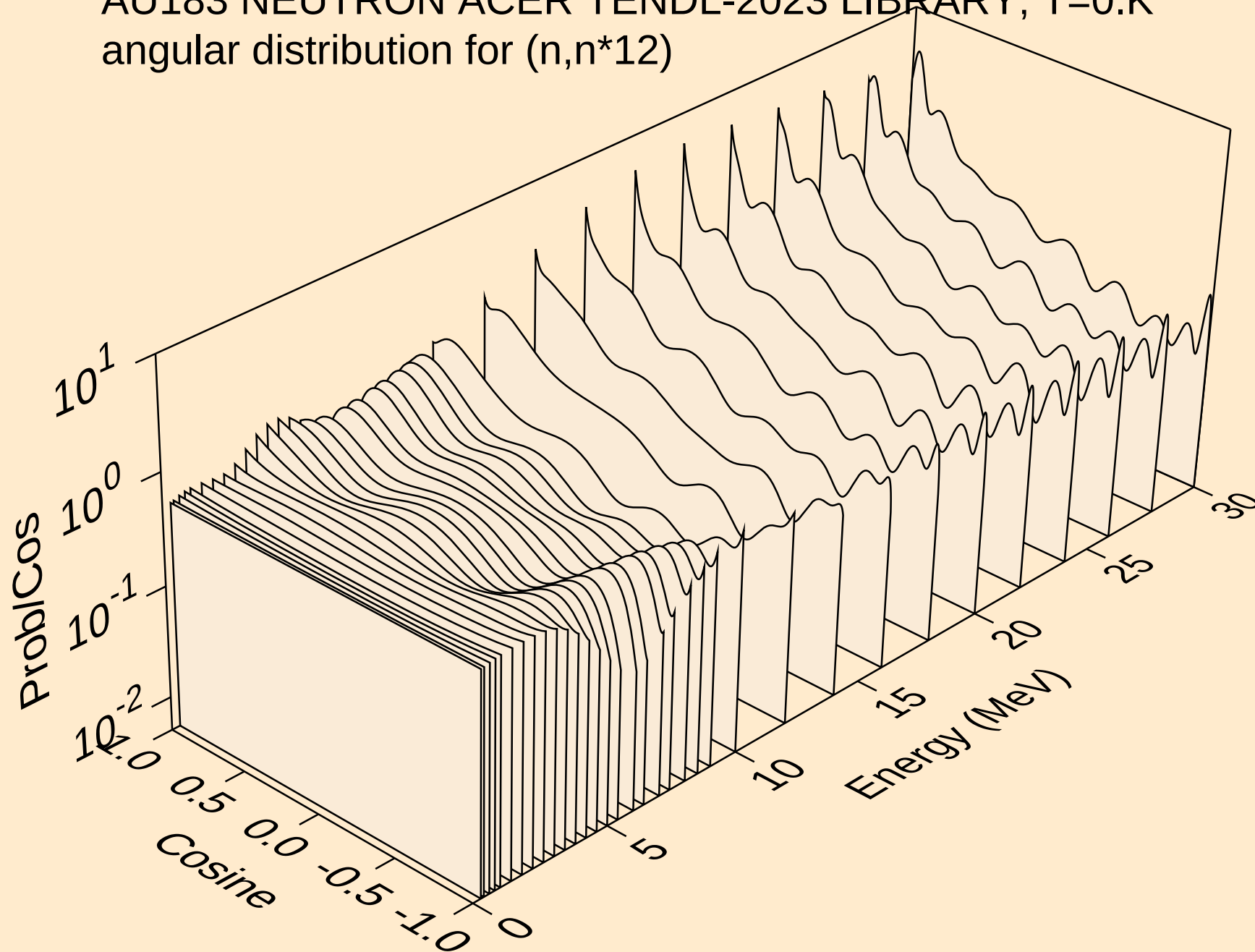
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angular distribution for (n,n*10)



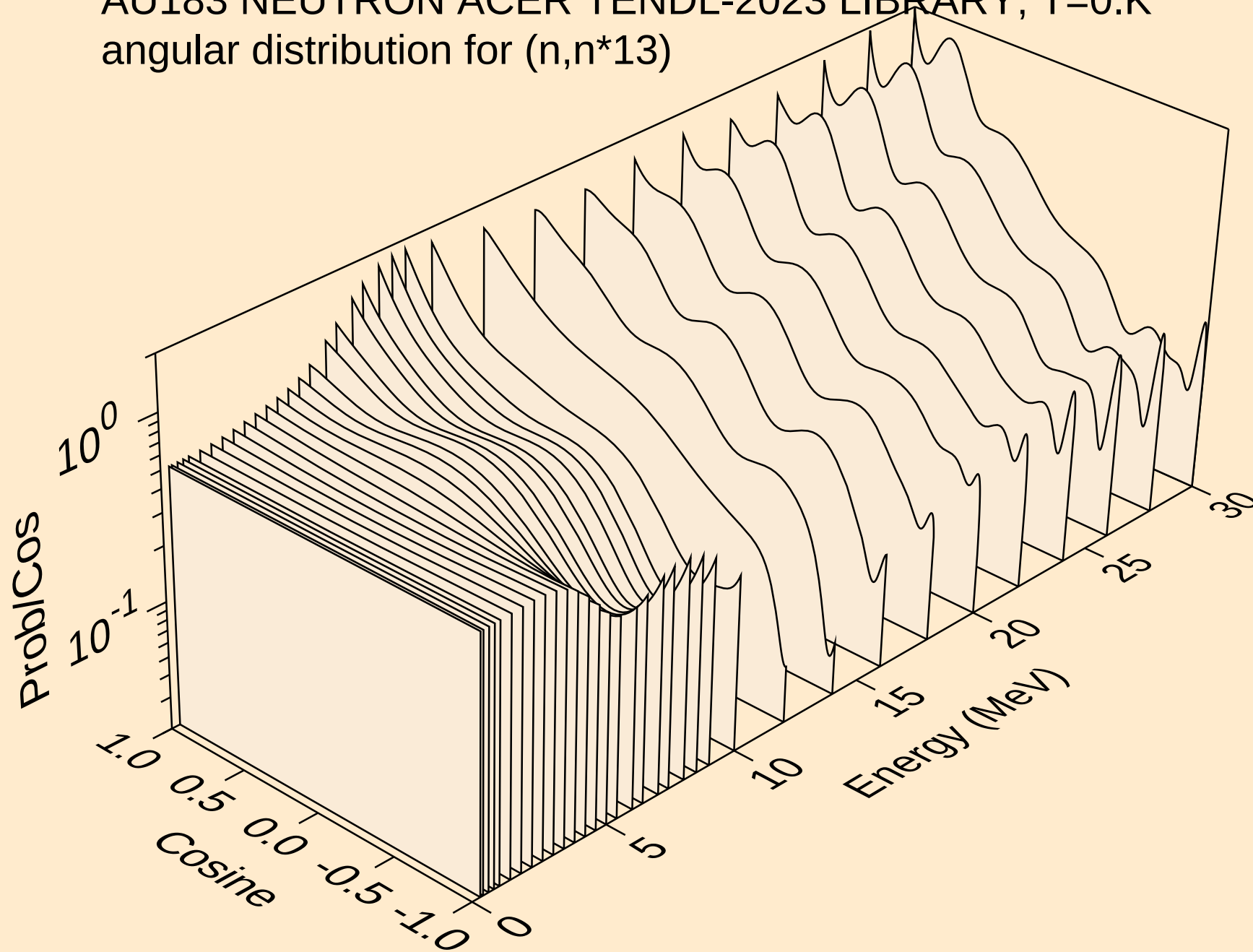
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



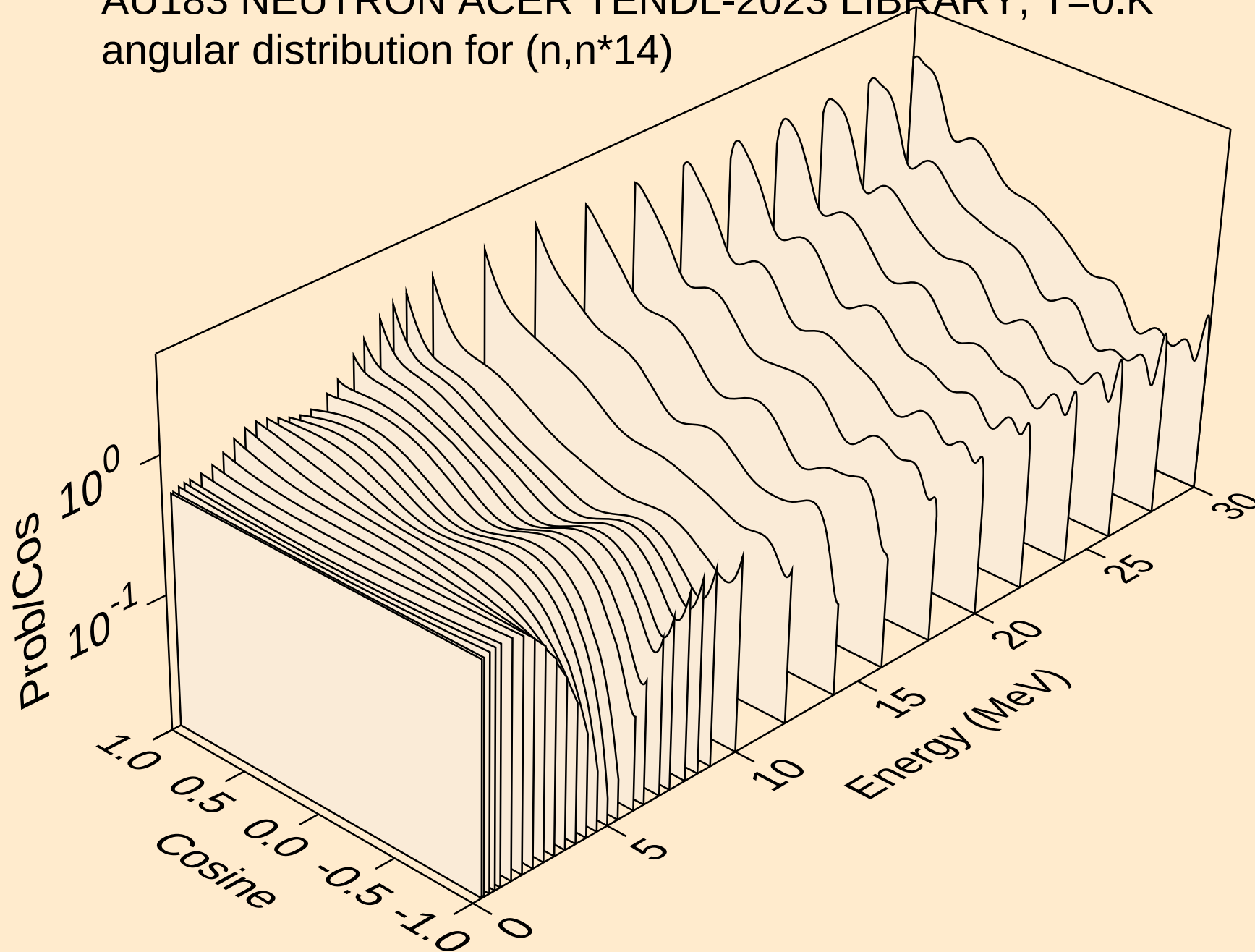
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angular distribution for (n,n*12)



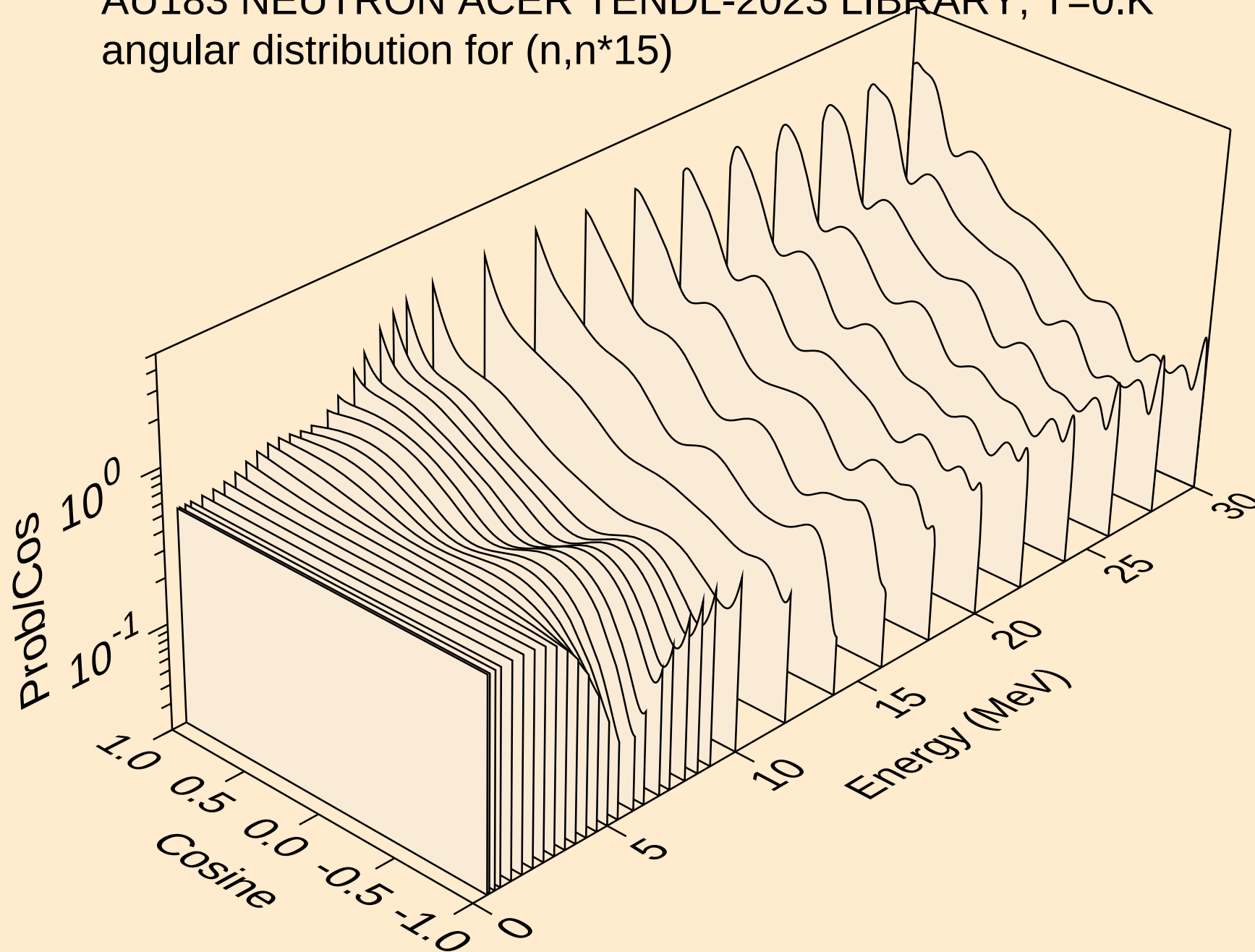
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angular distribution for (n,n*13)



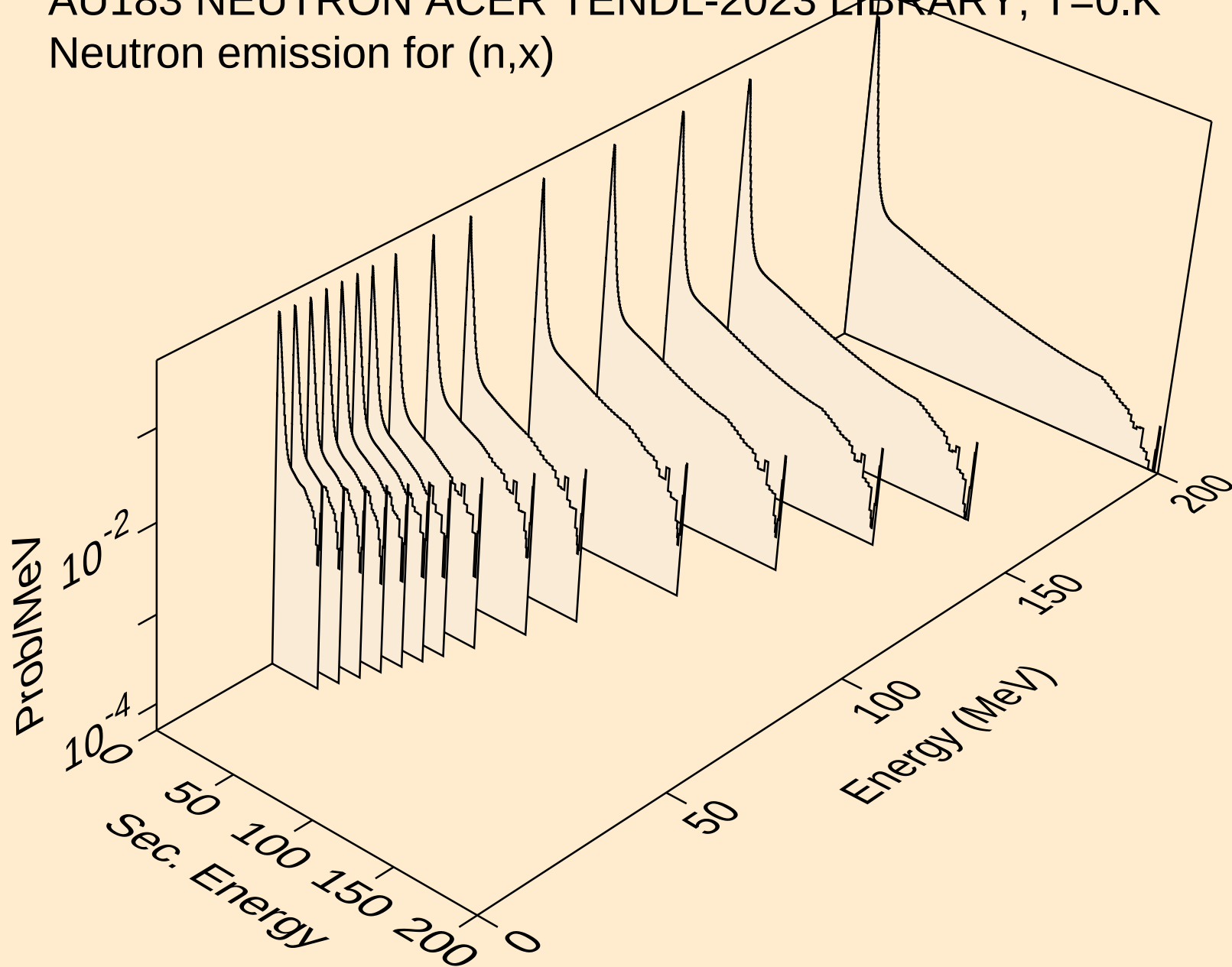
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



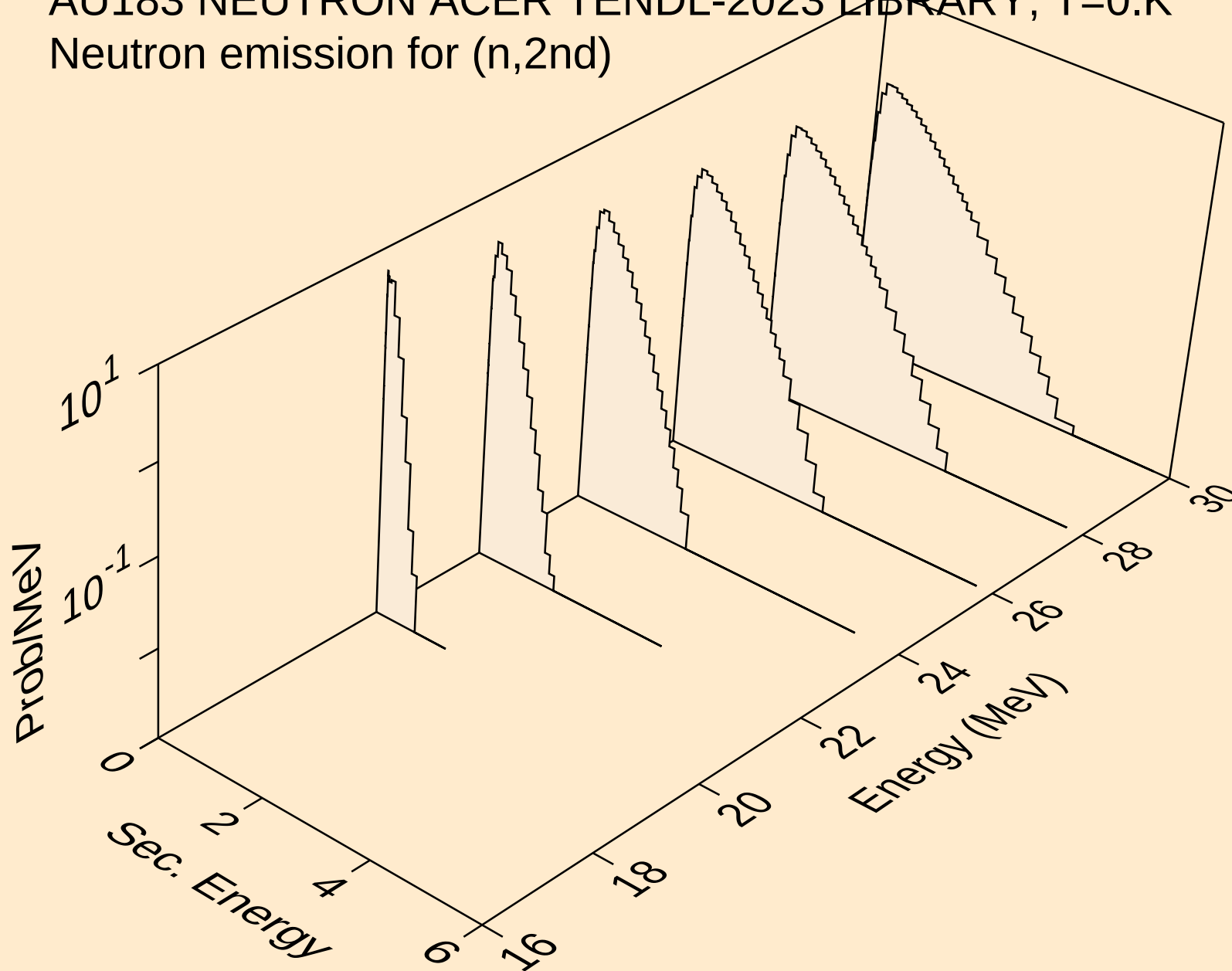
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



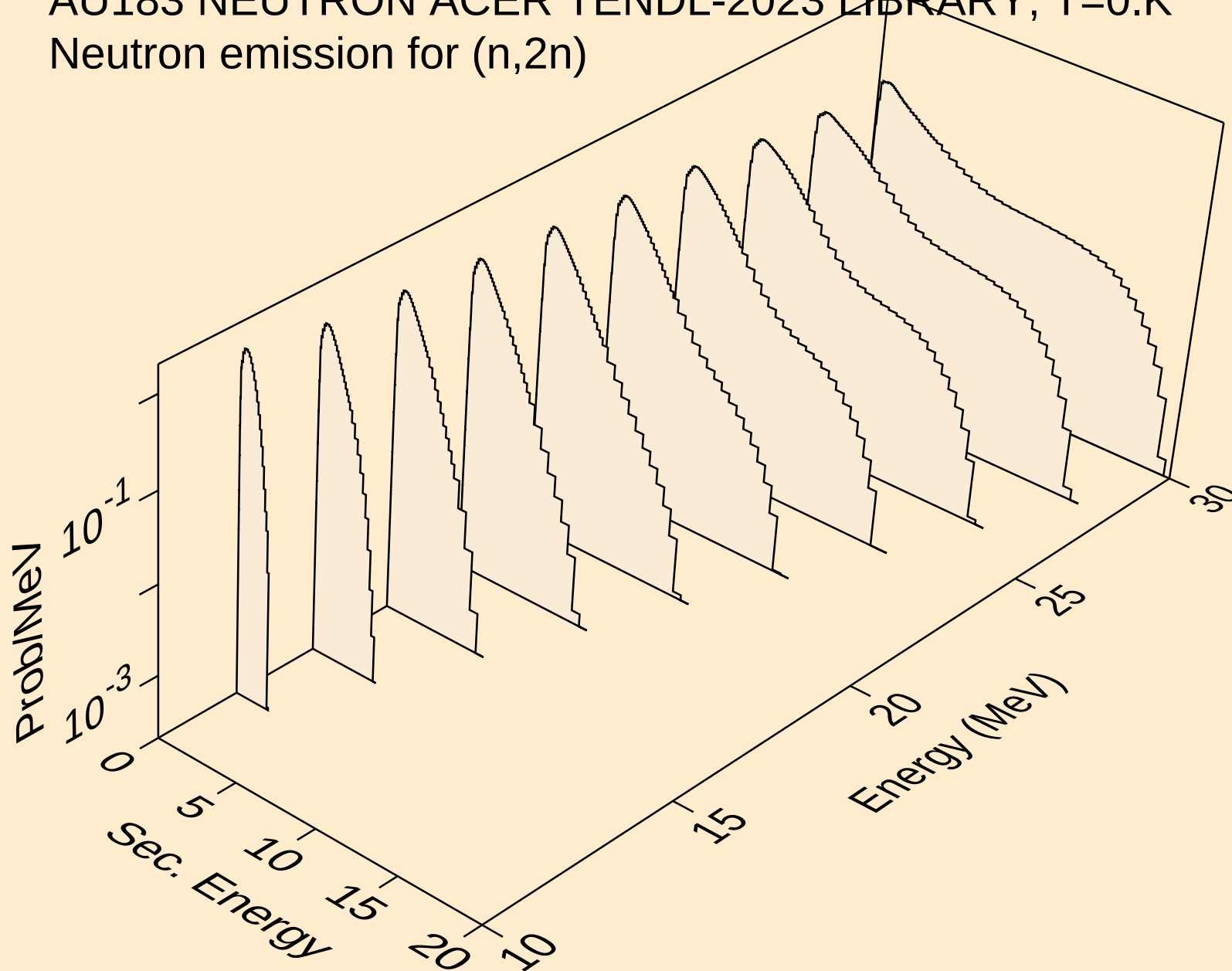
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



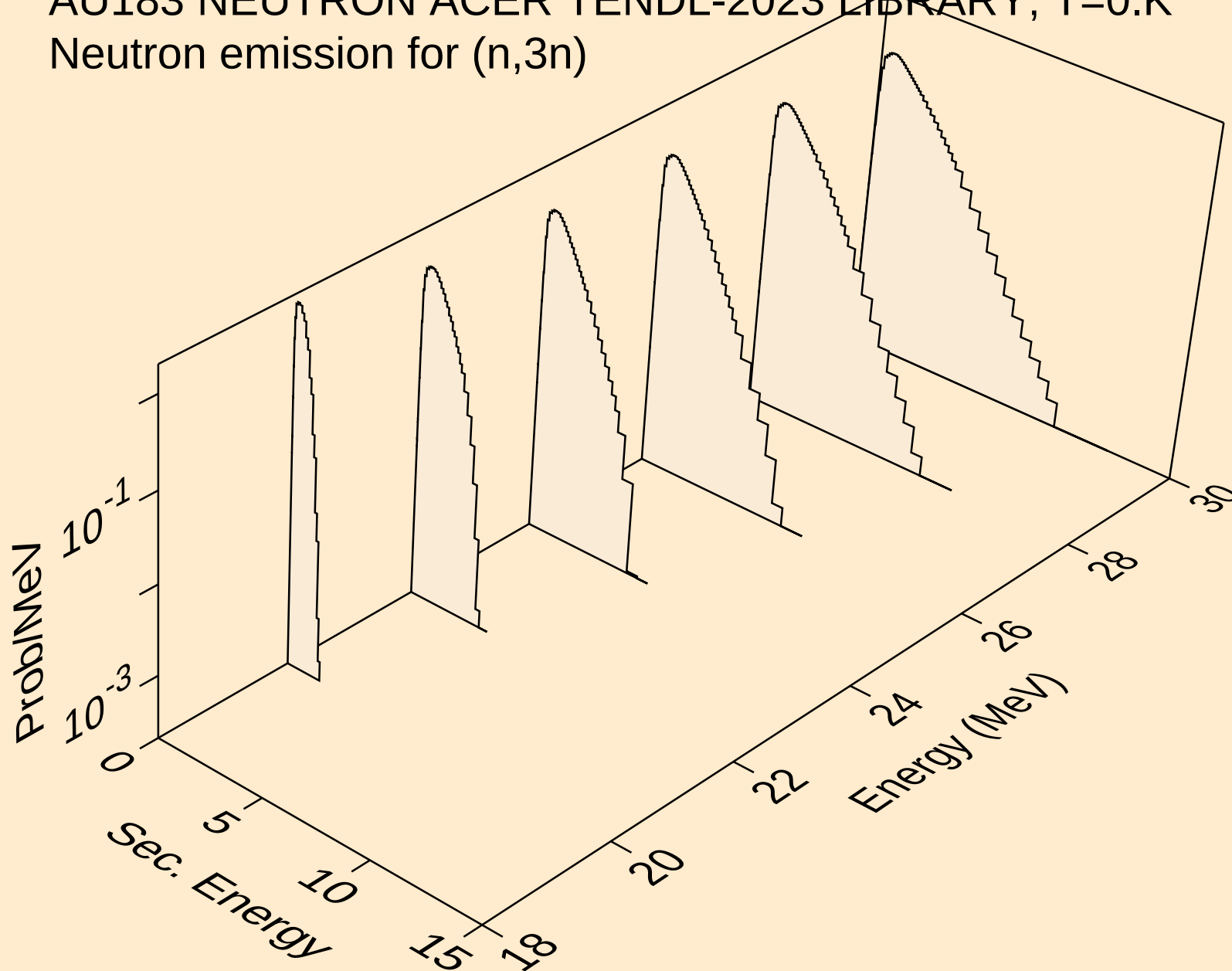
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



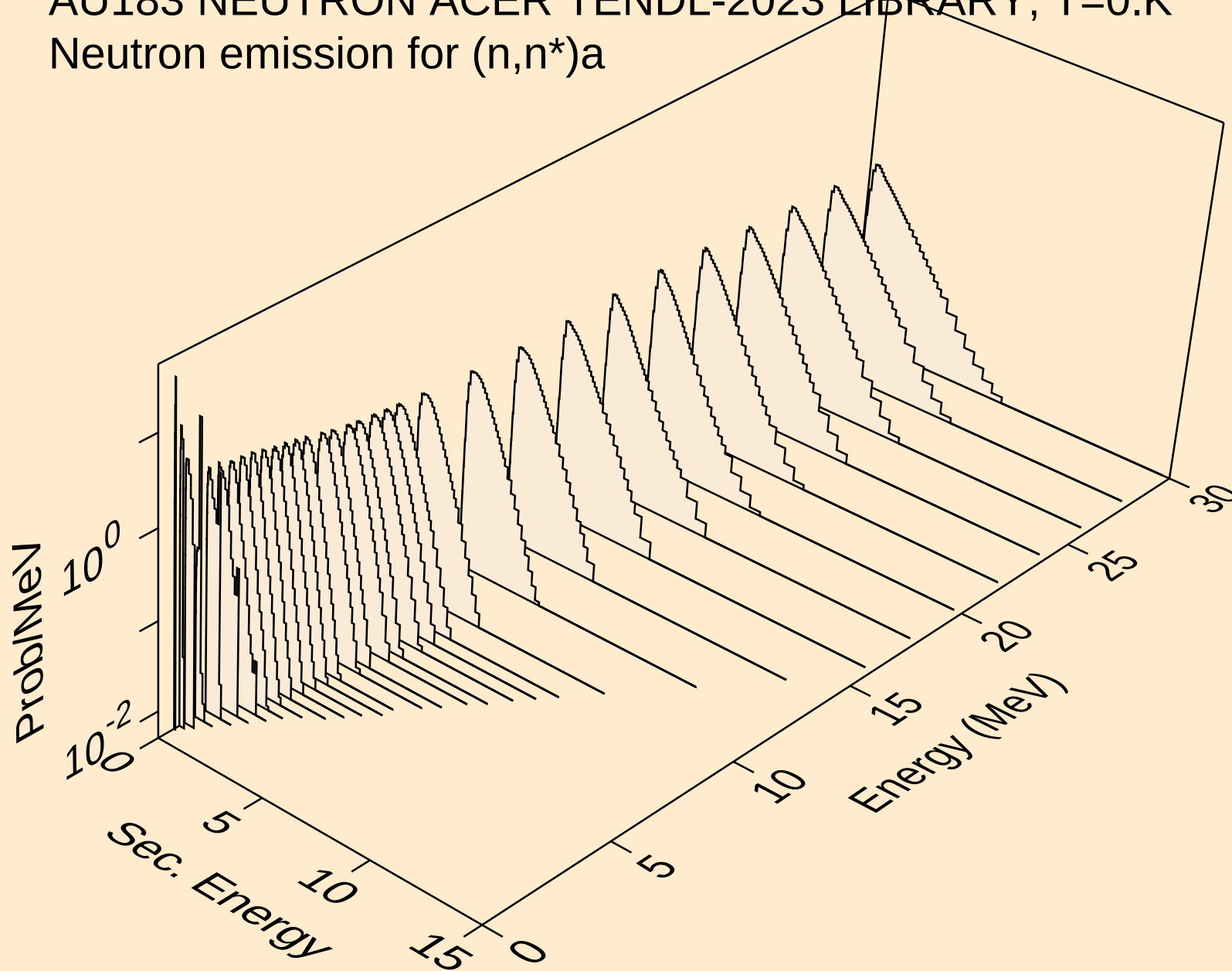
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



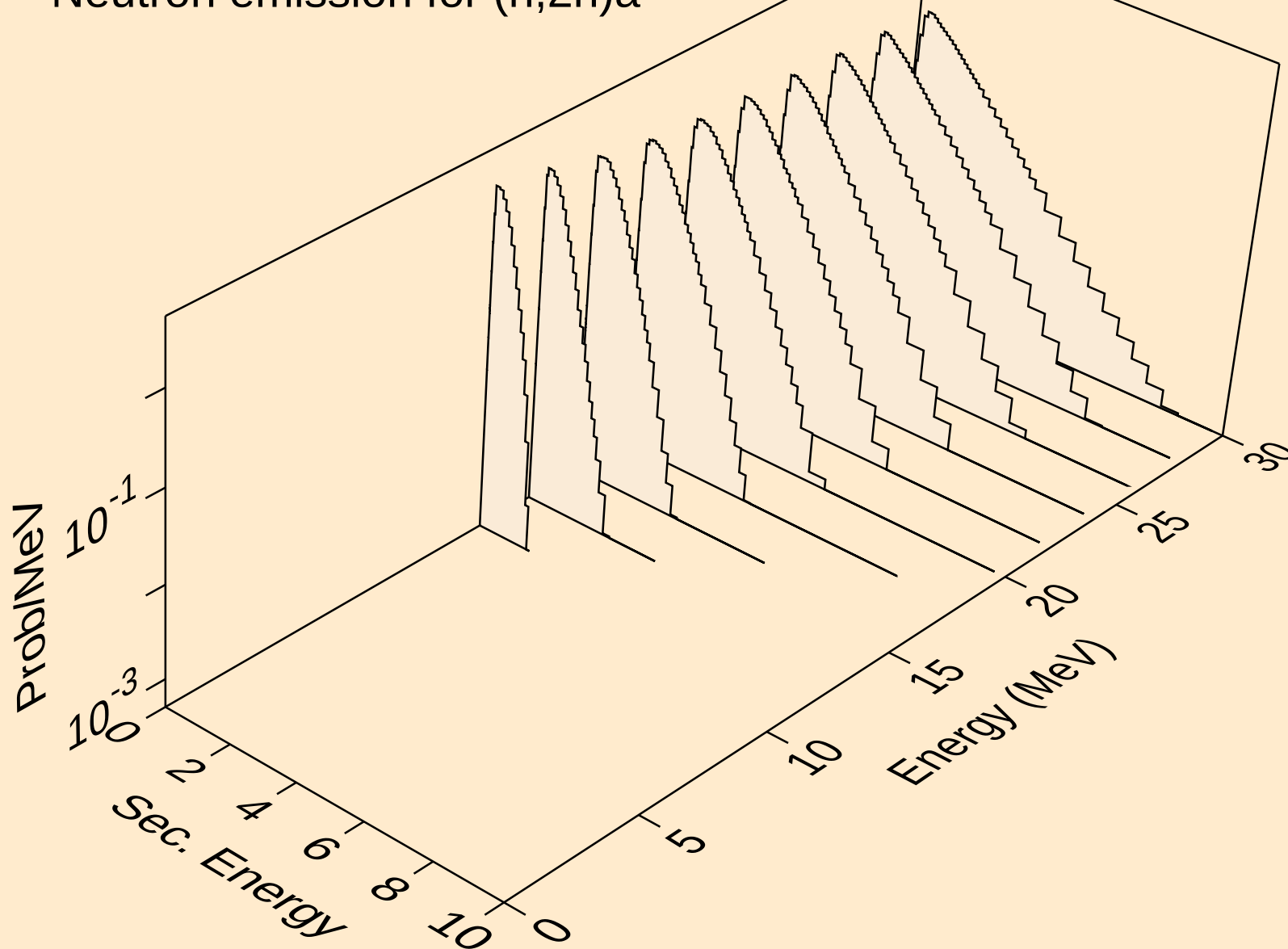
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



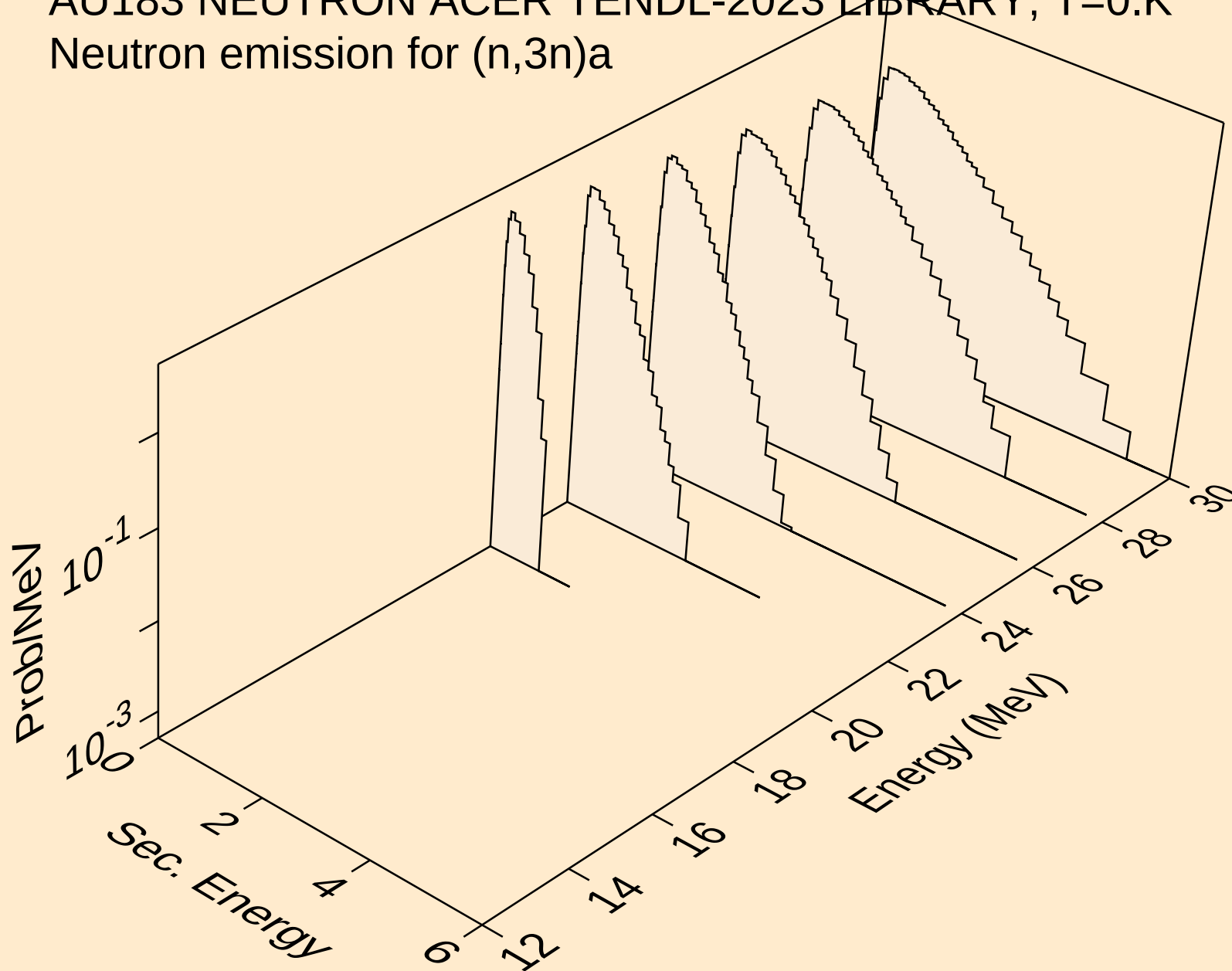
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



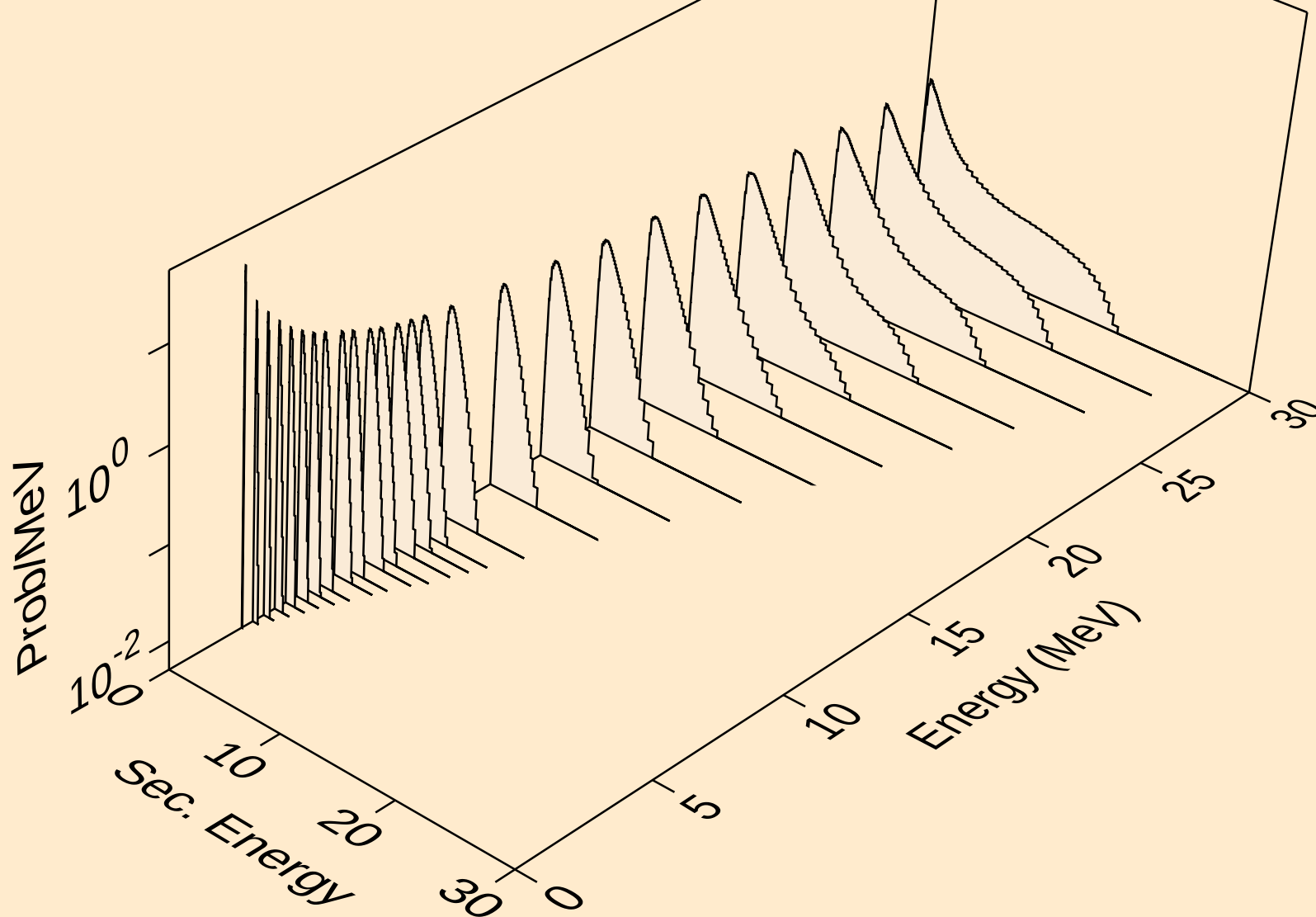
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



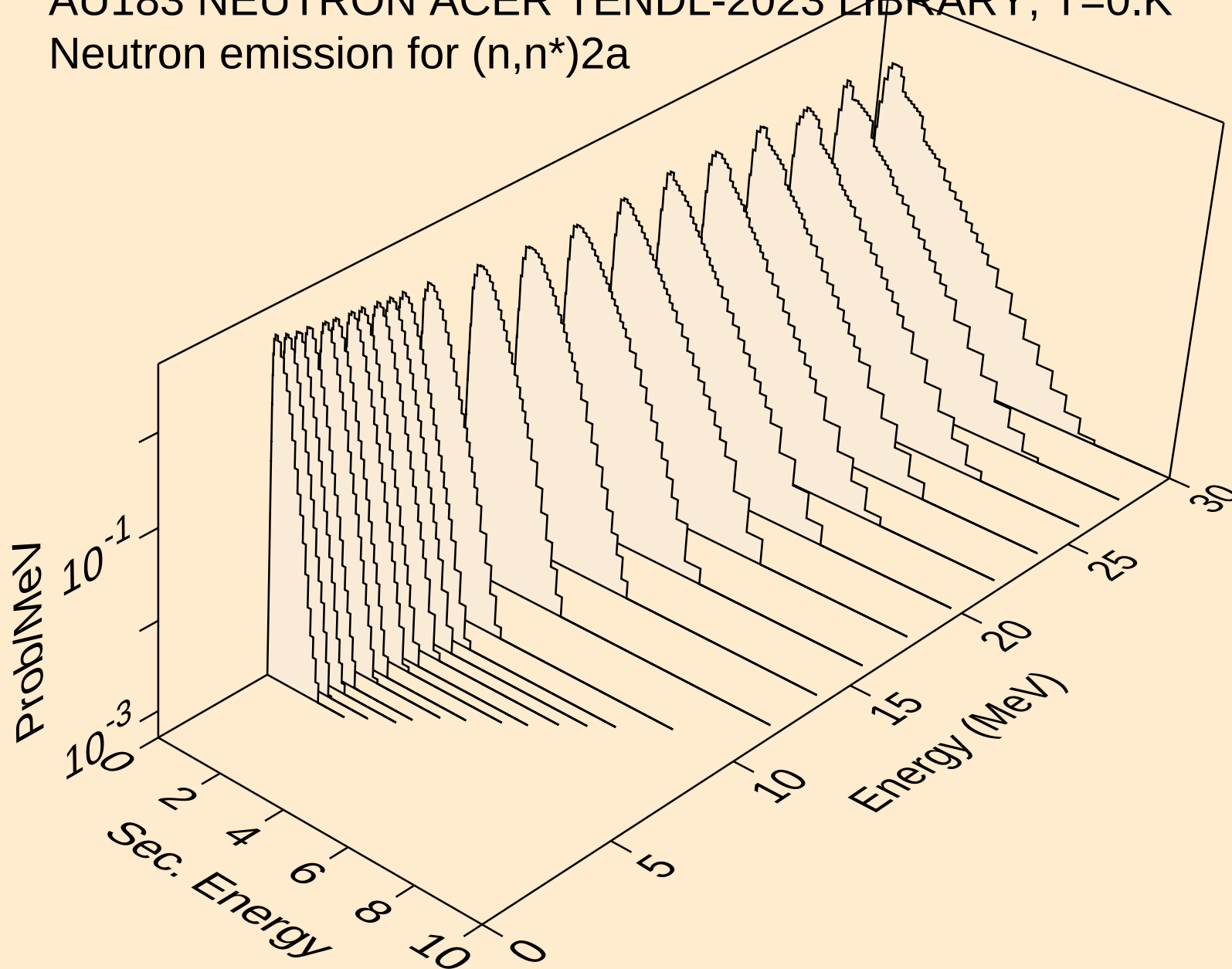
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



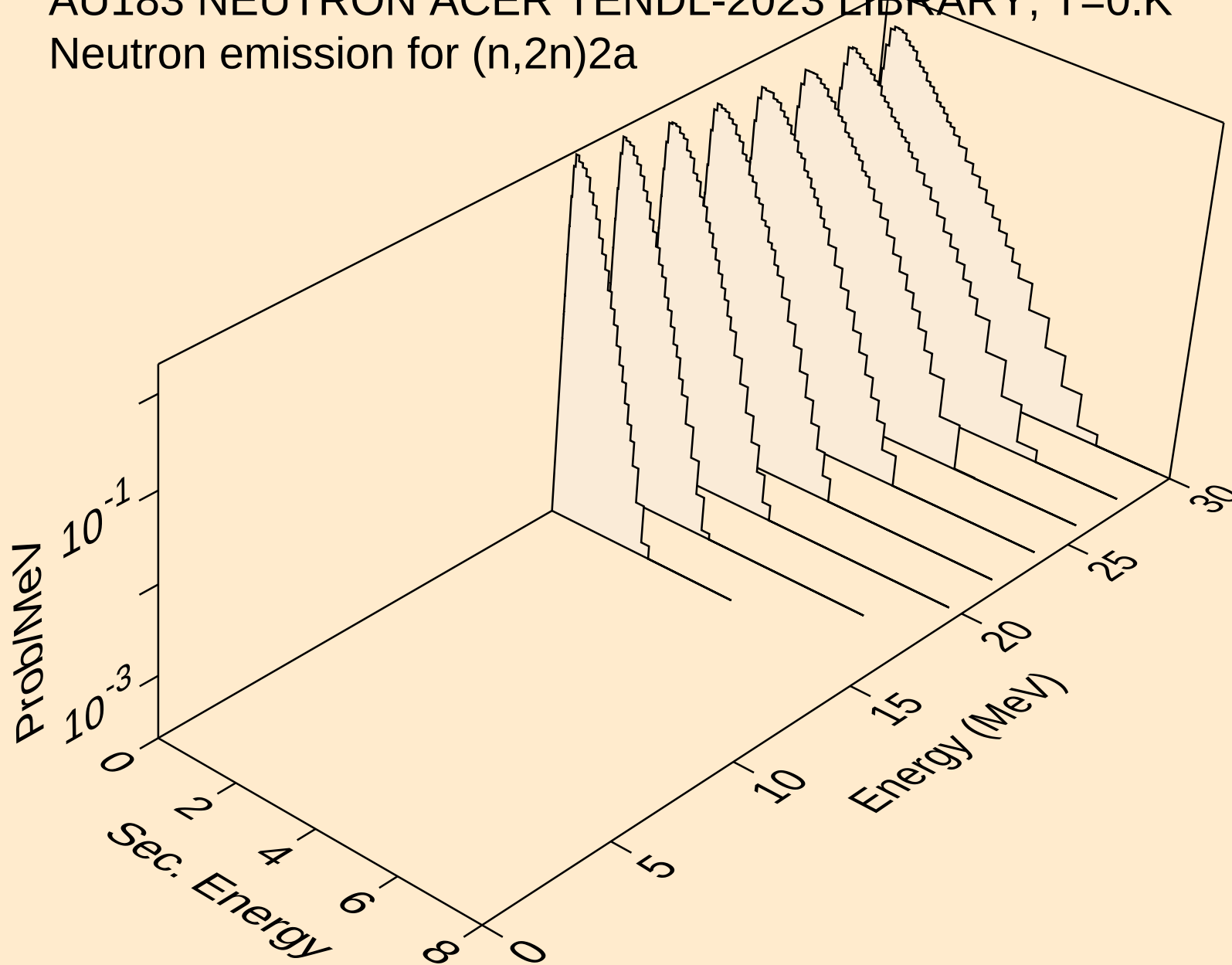
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



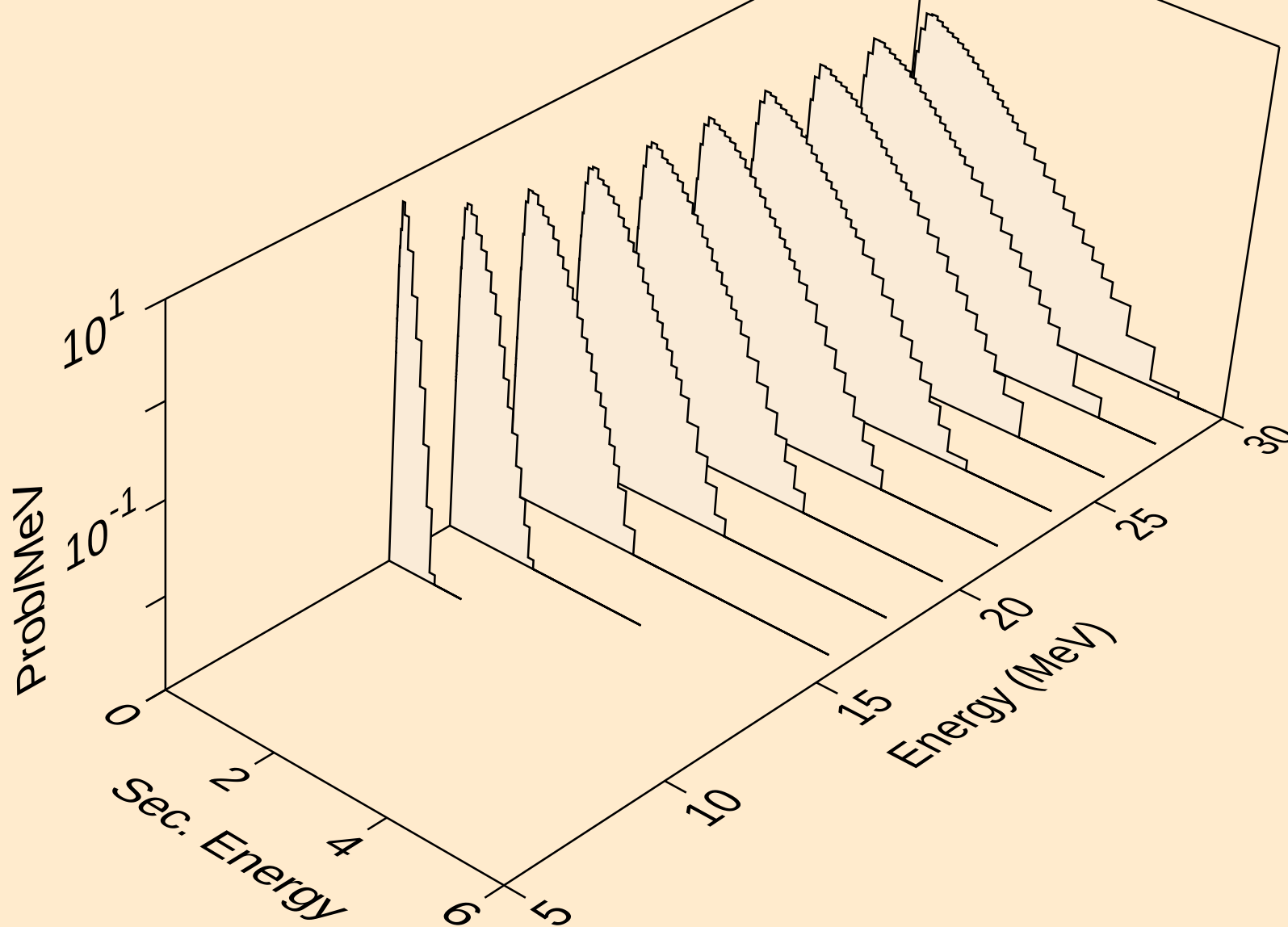
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



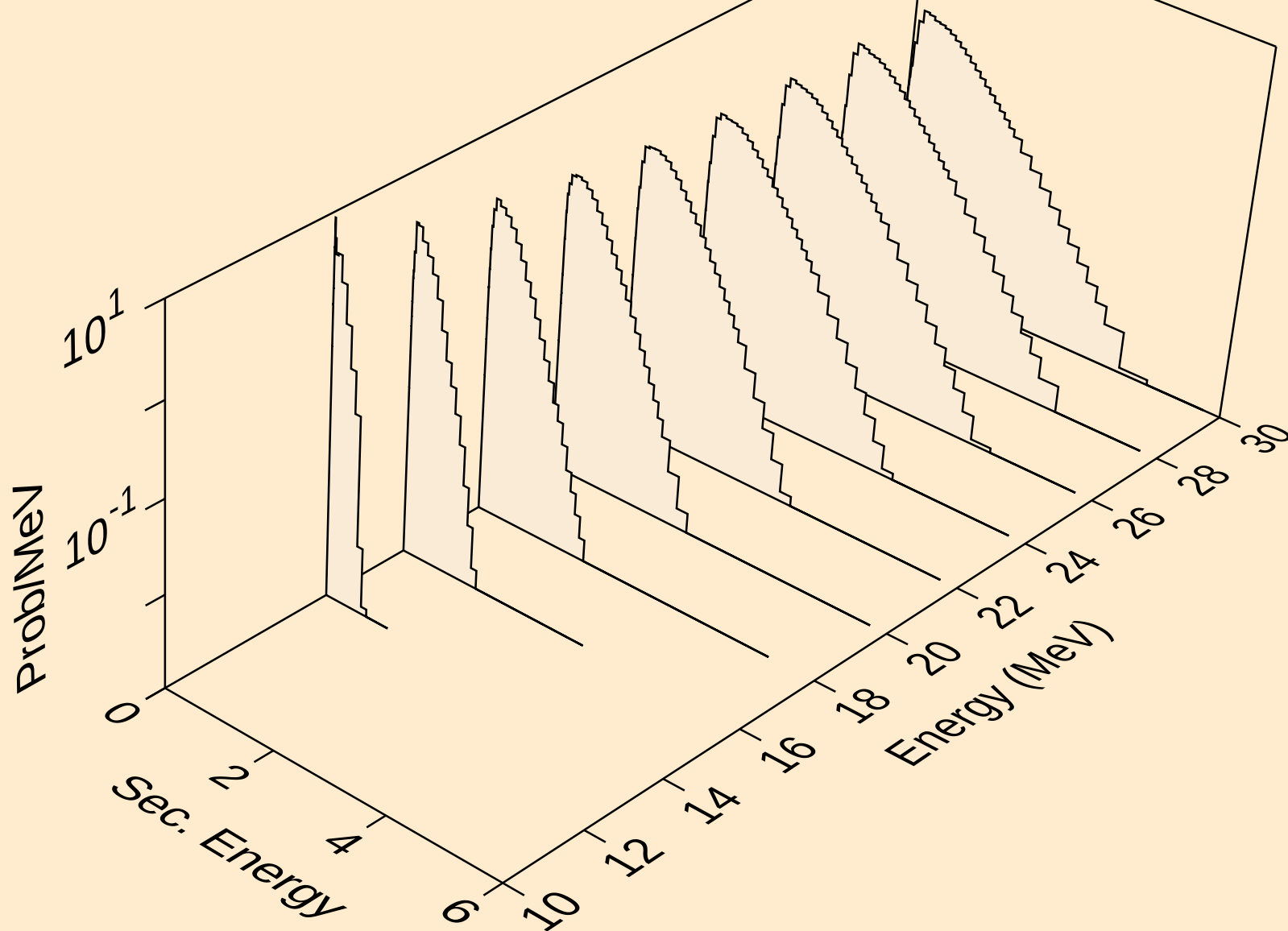
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



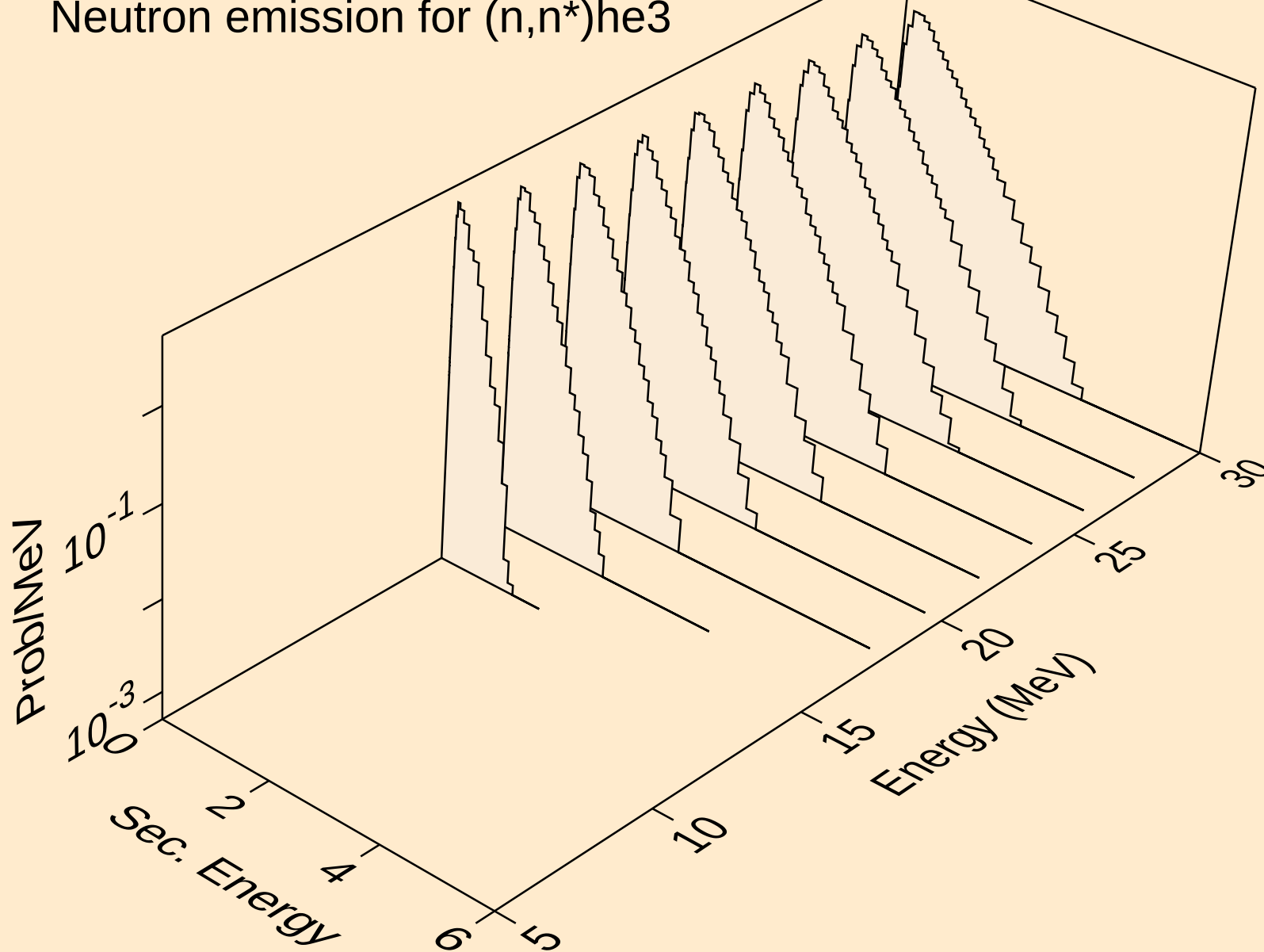
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



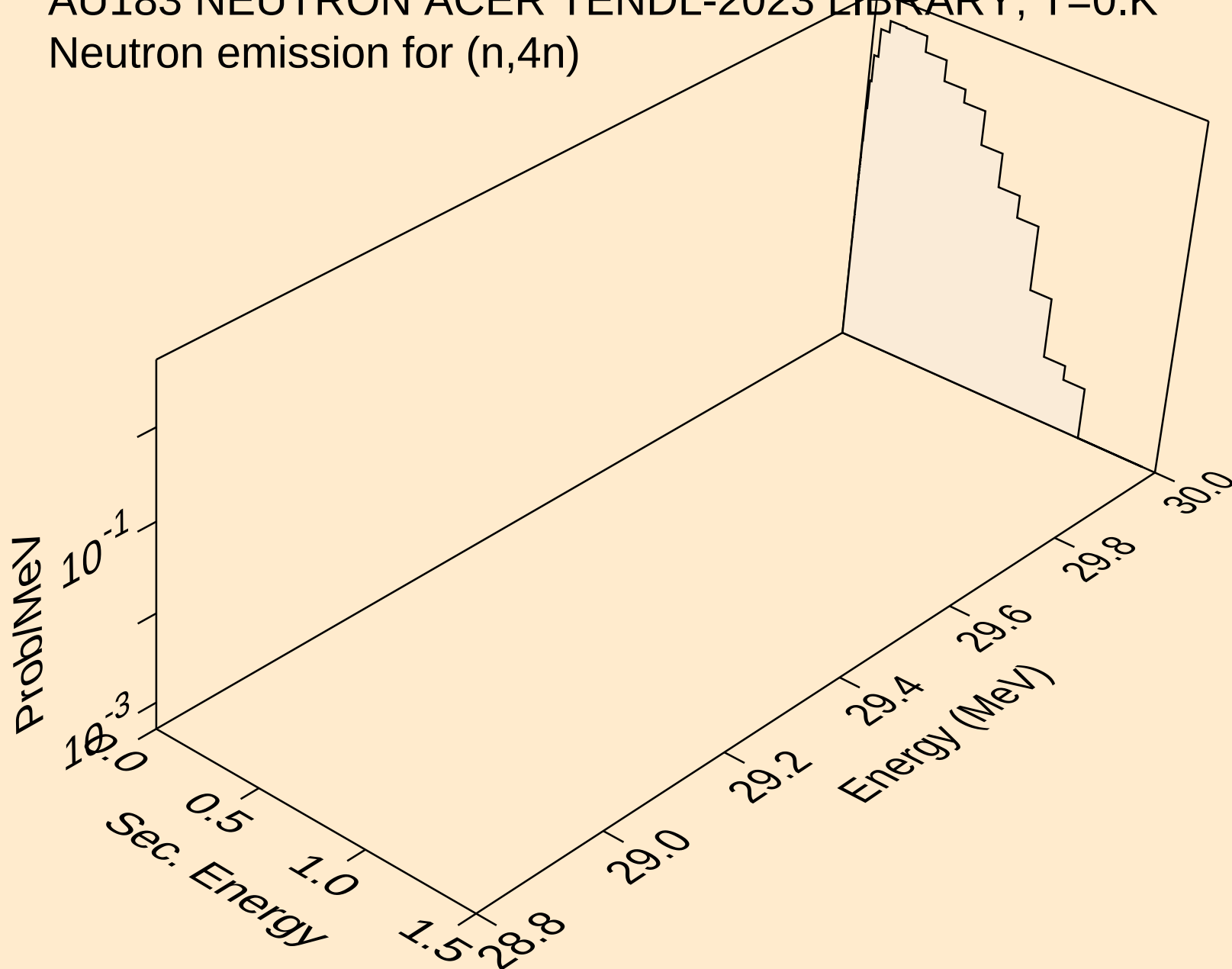
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



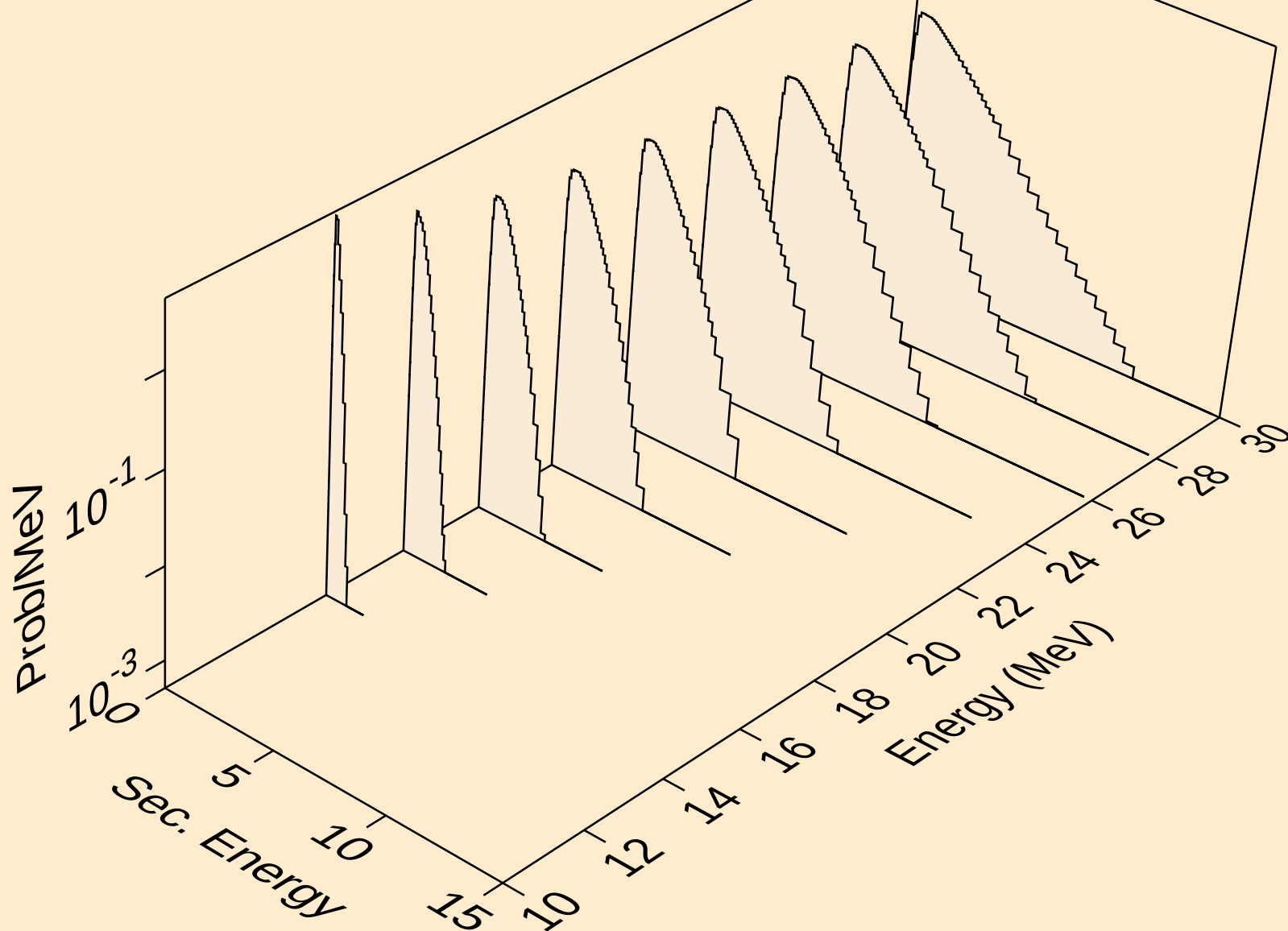
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



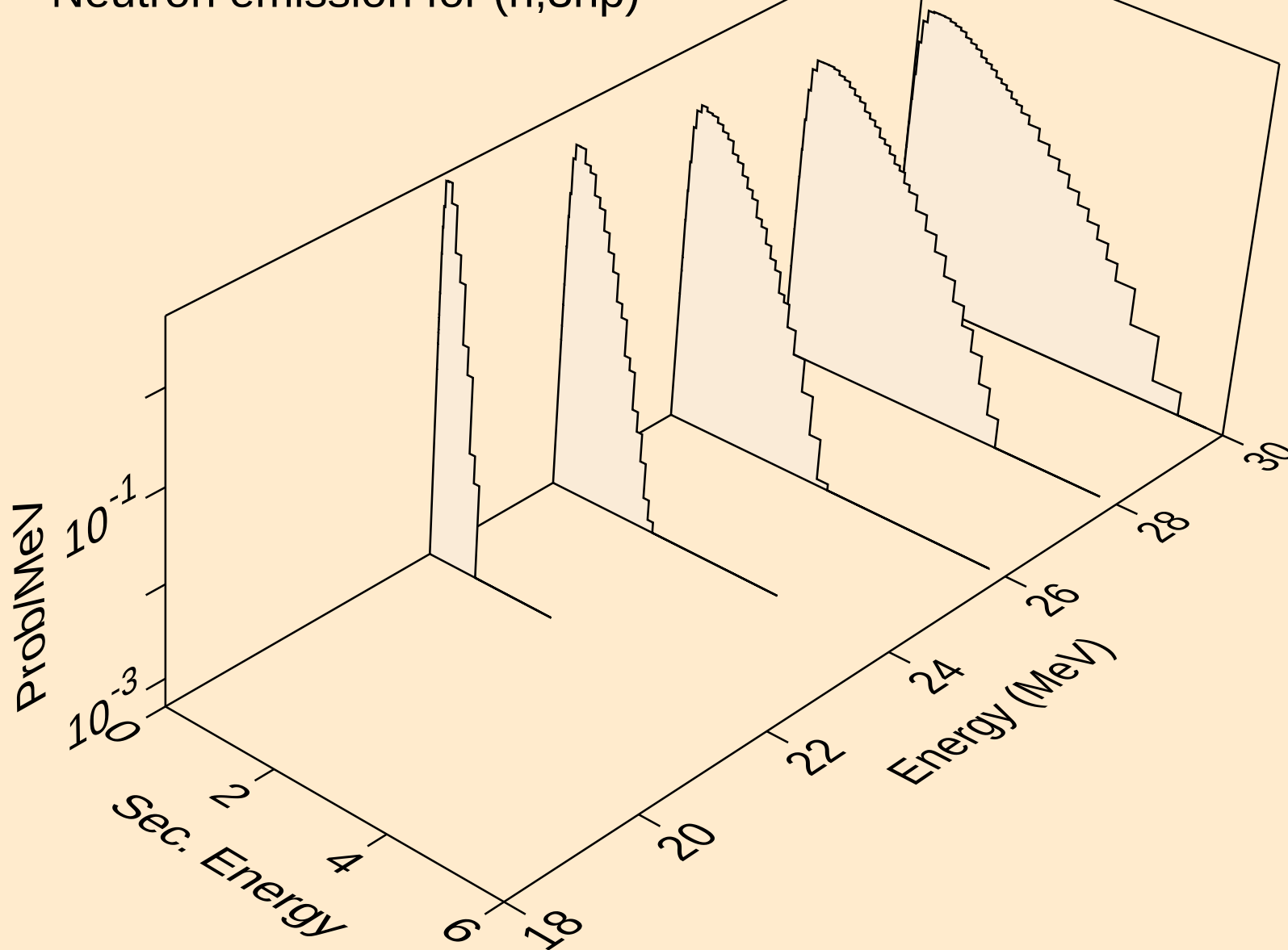
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



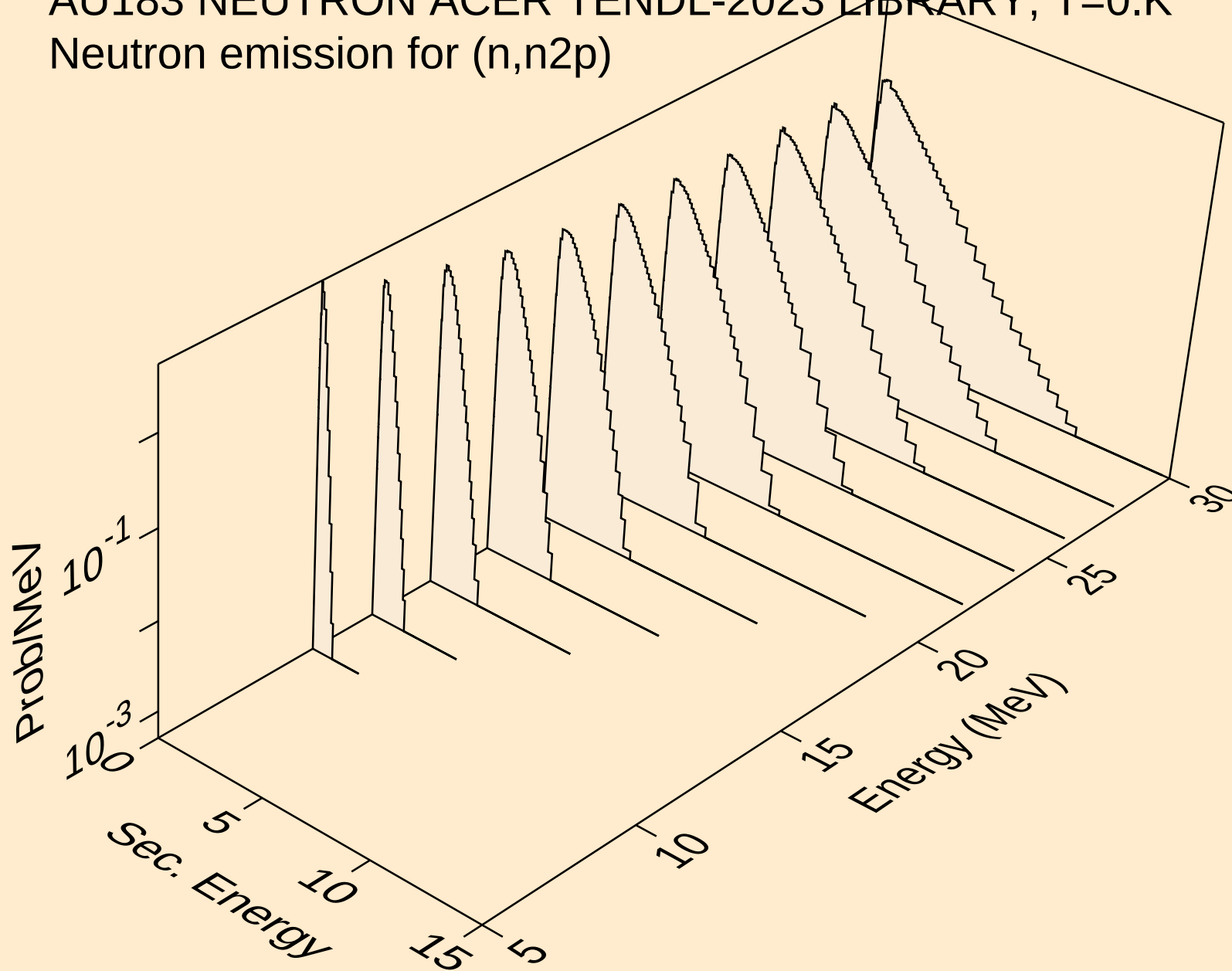
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



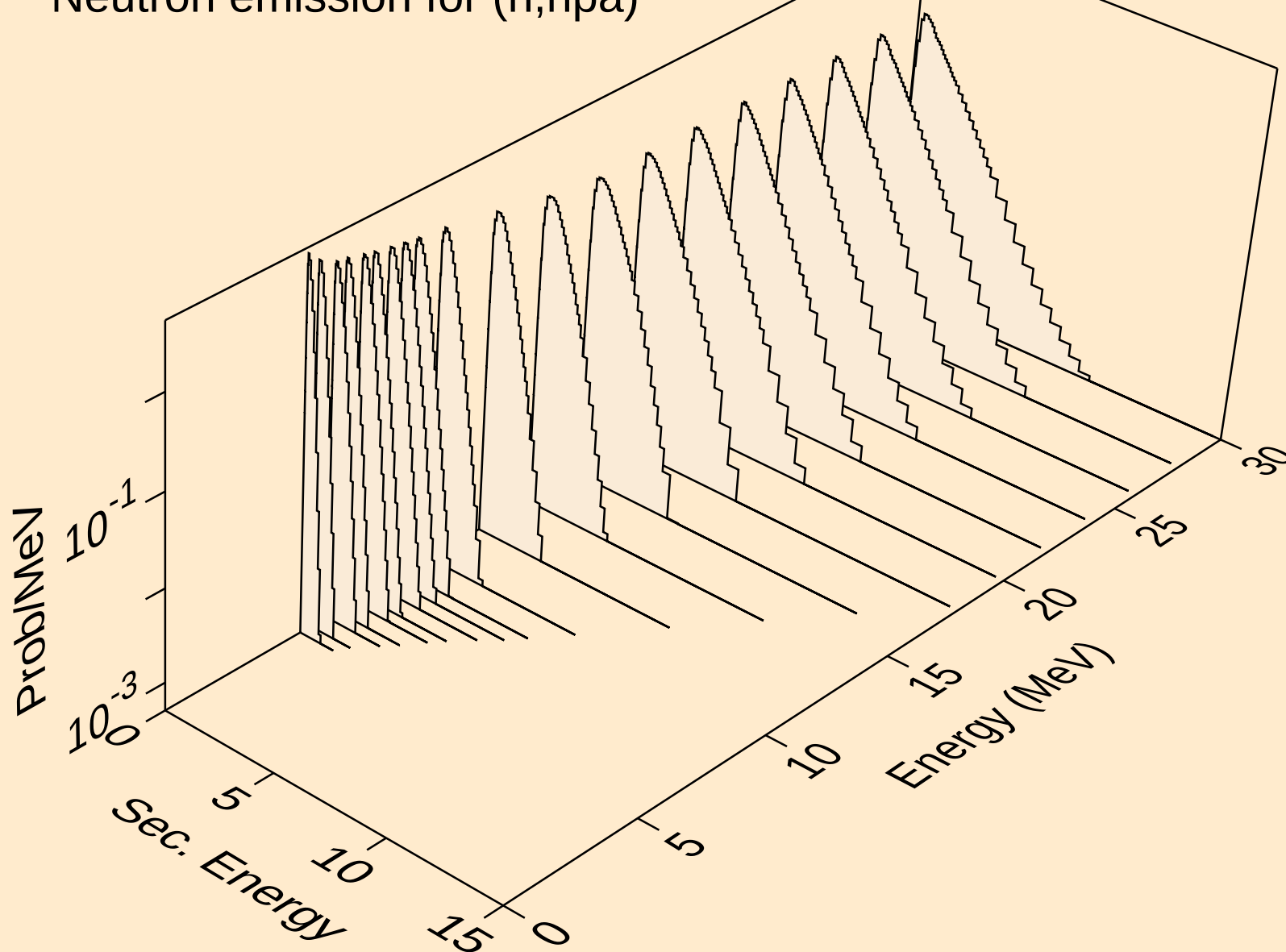
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Neutron emission for (n,3np)



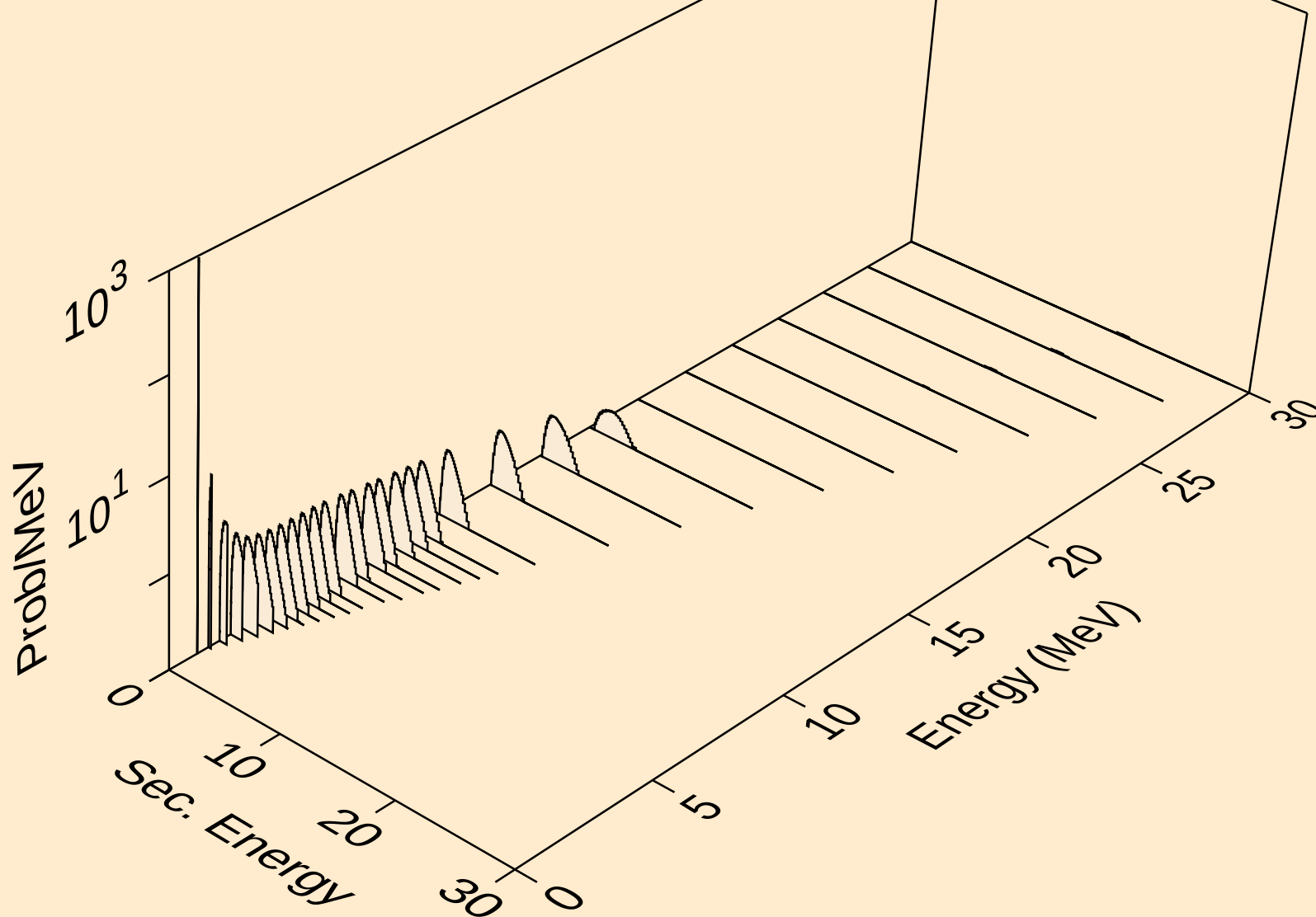
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



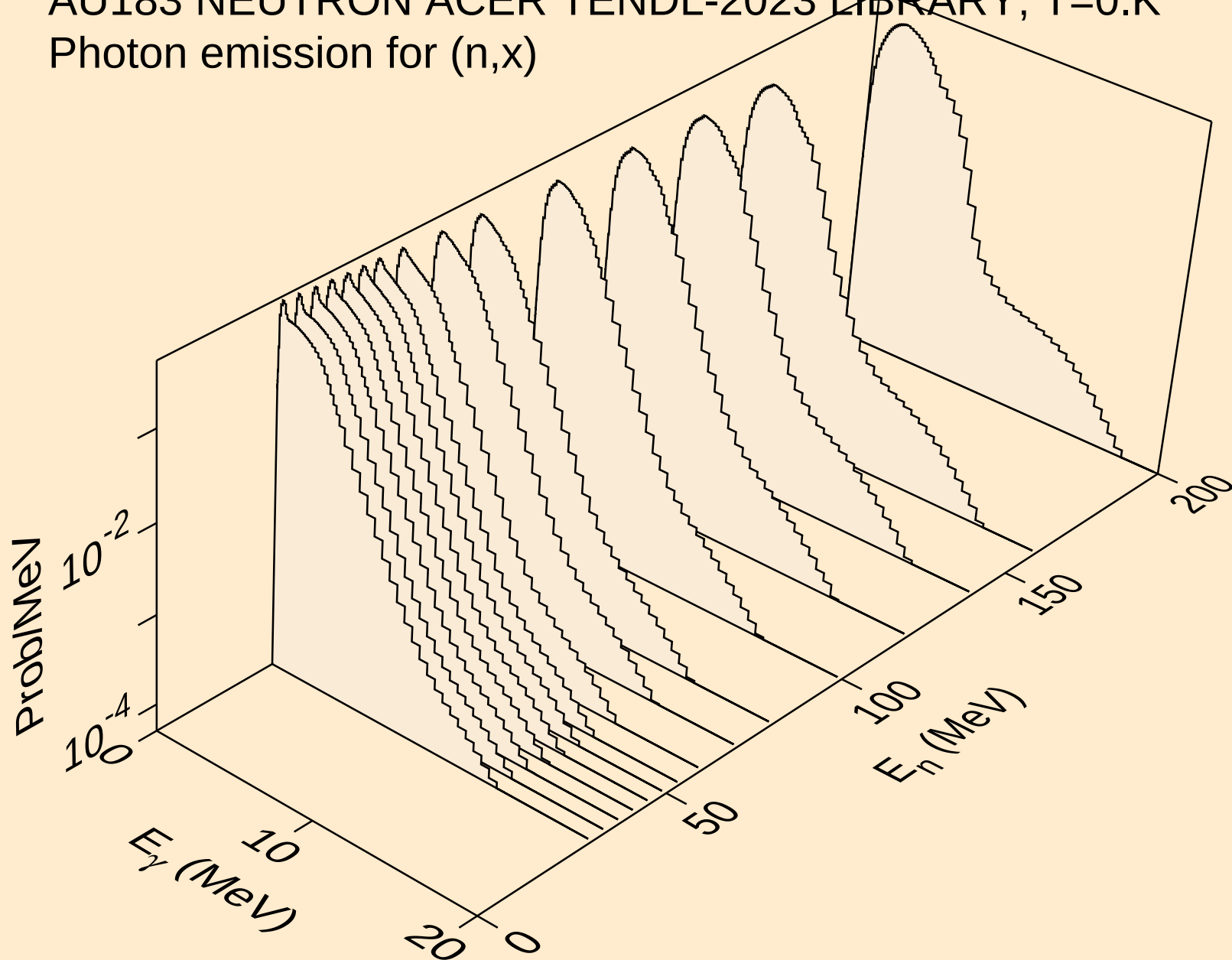
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



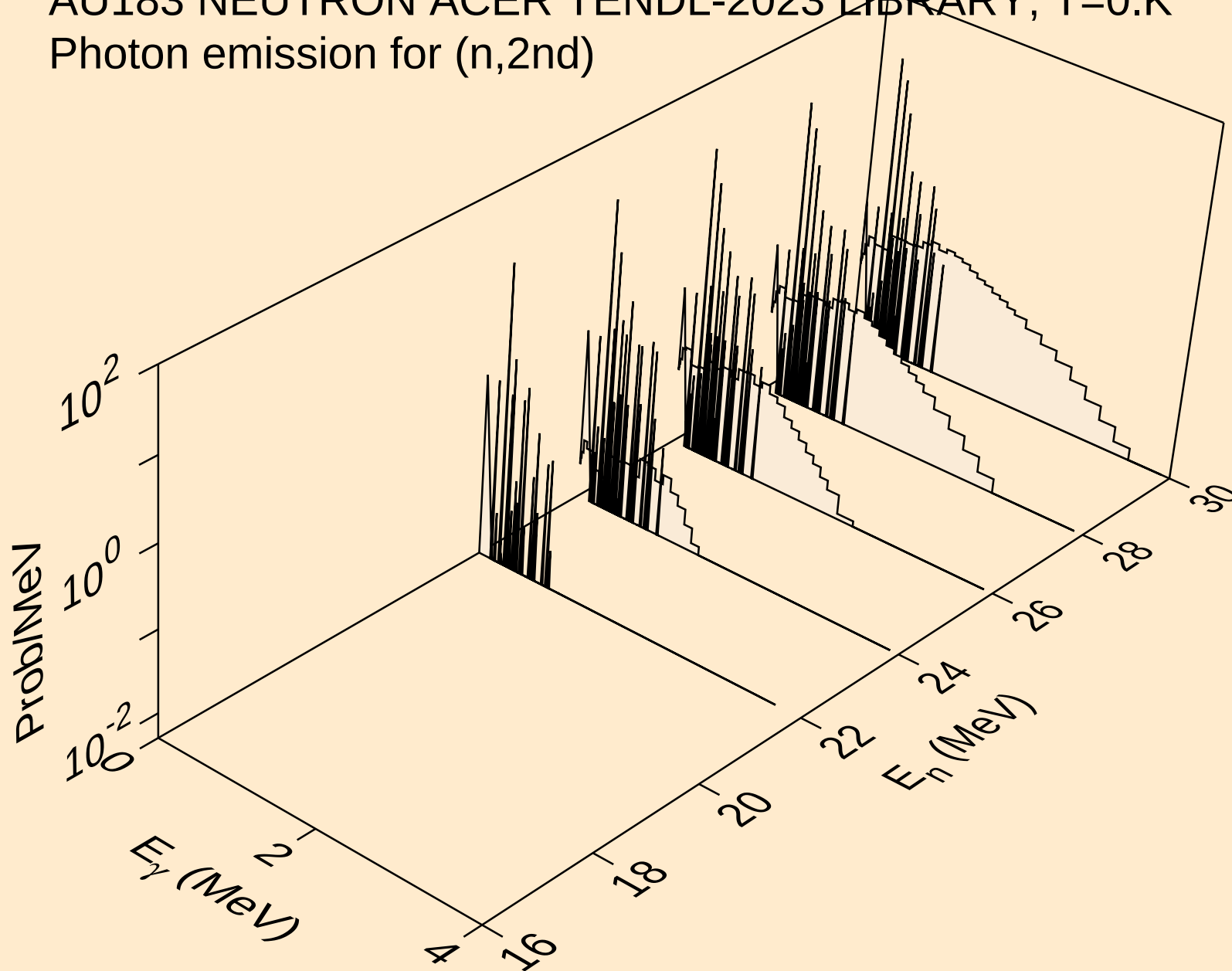
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



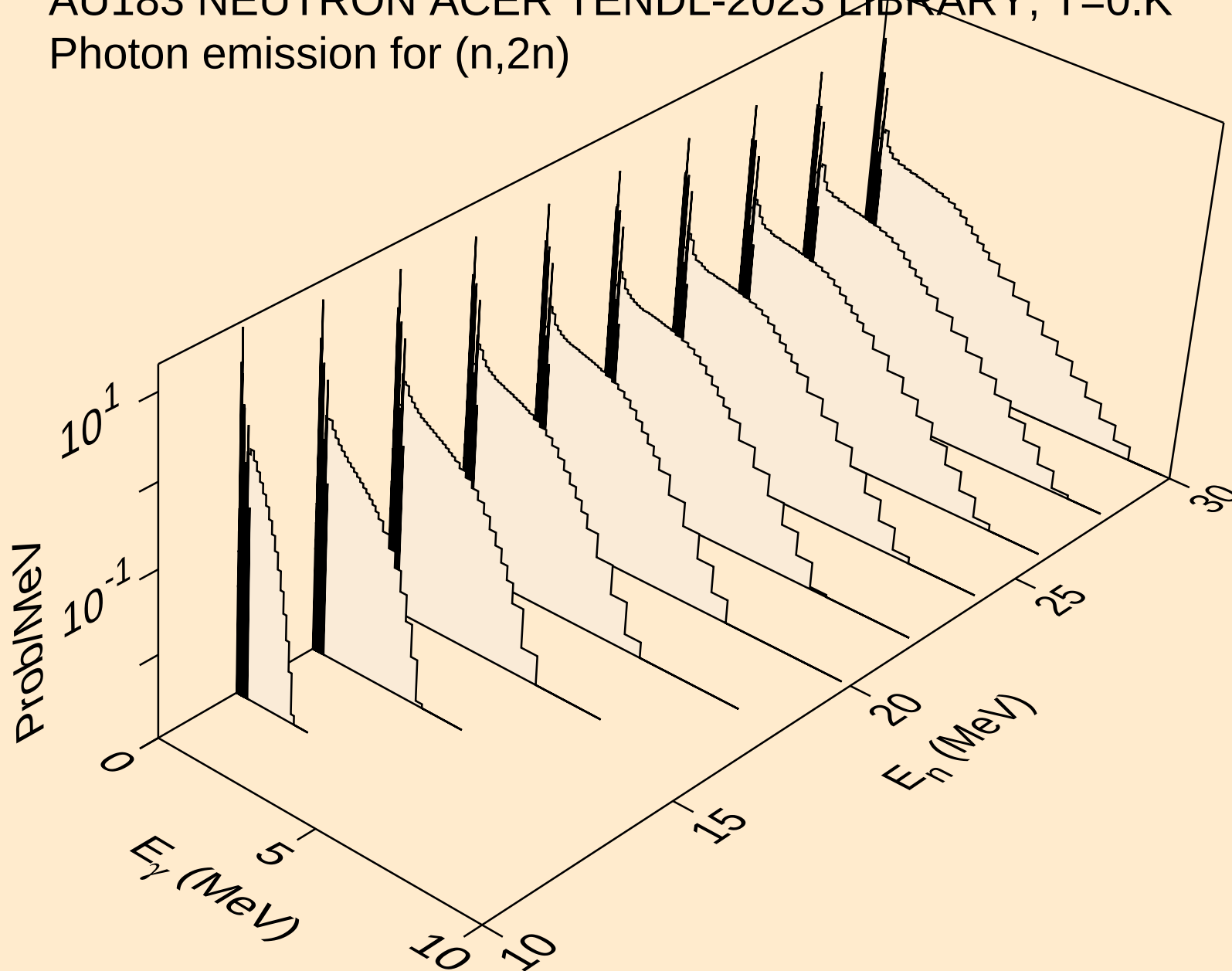
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



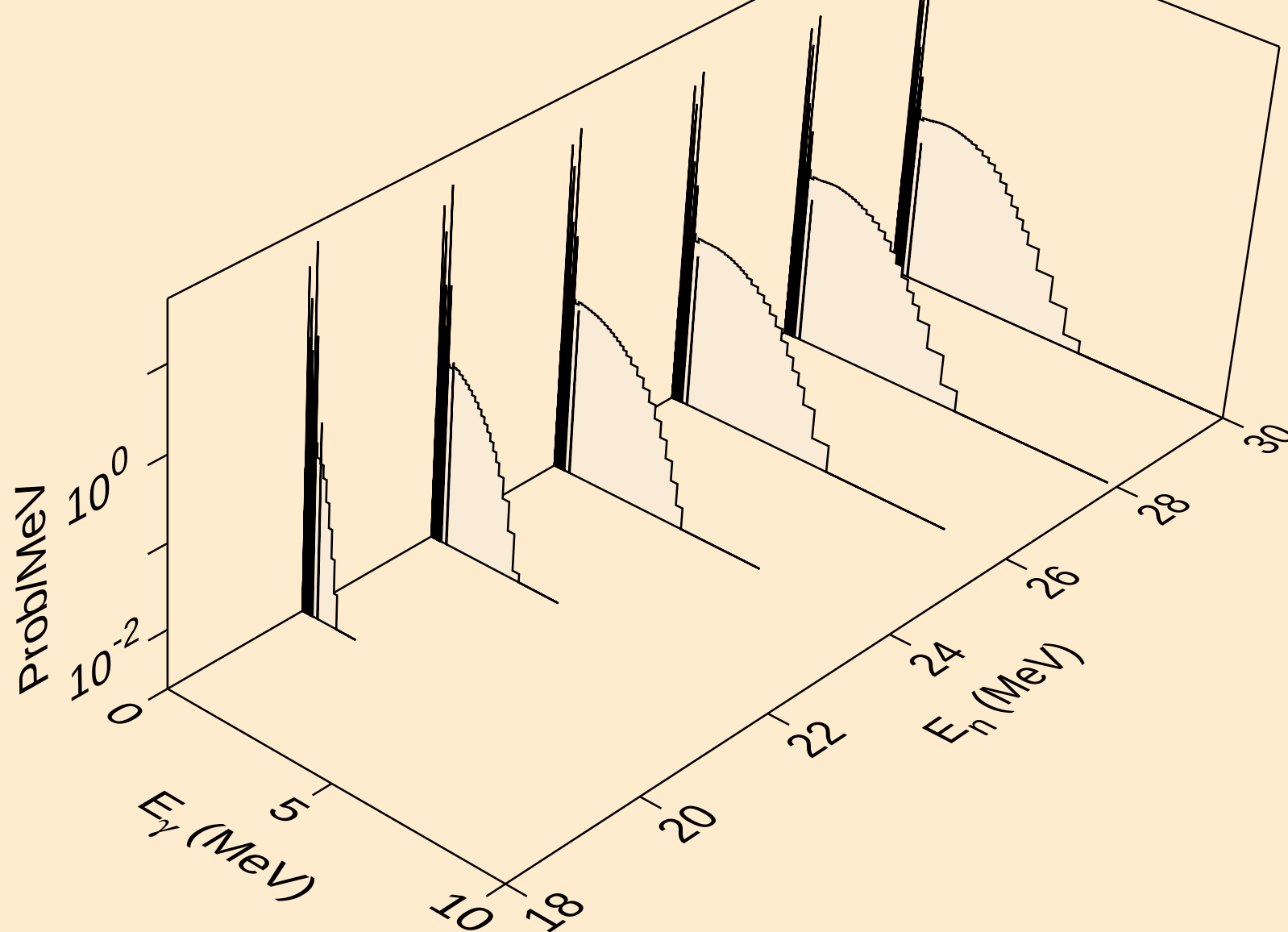
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



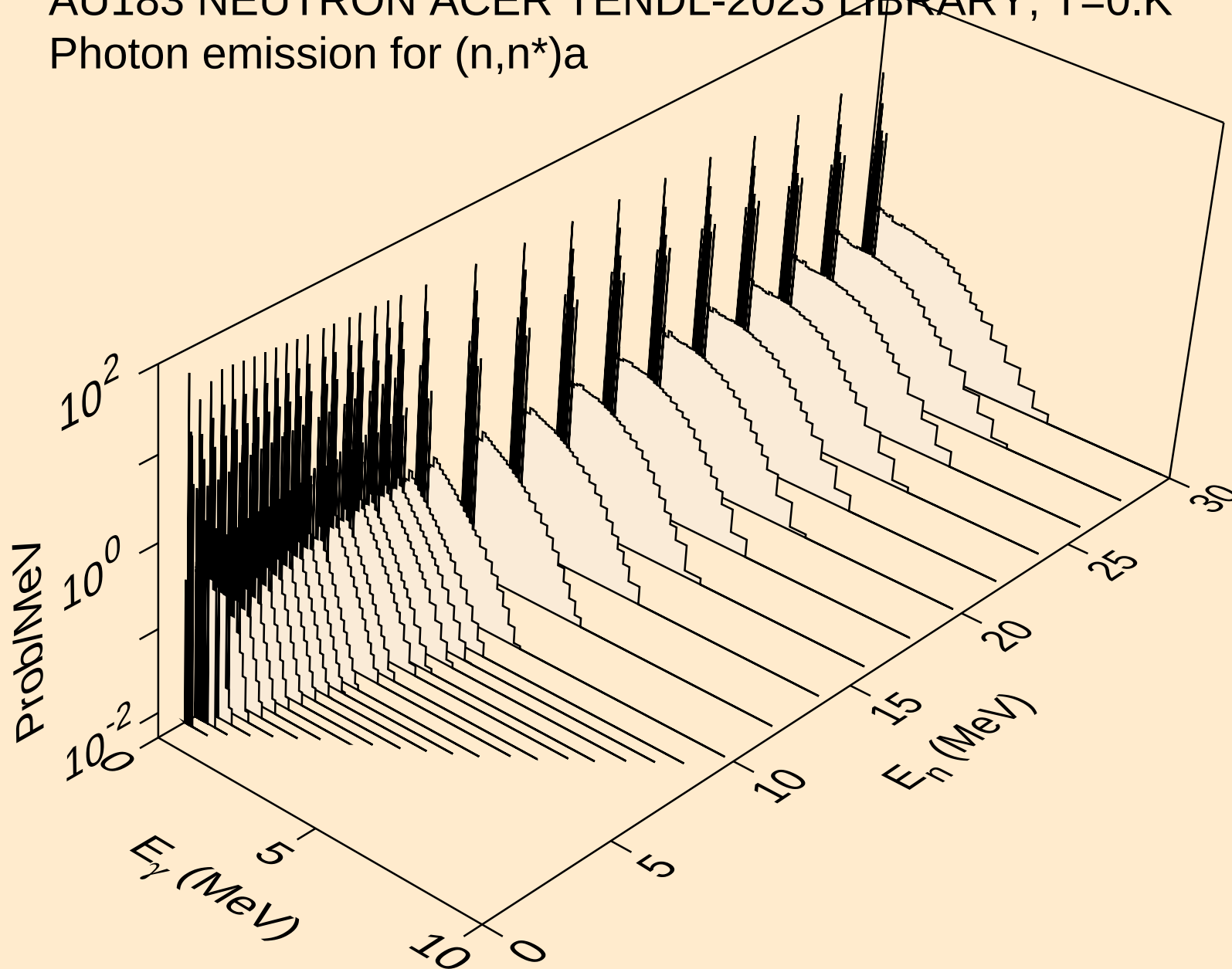
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



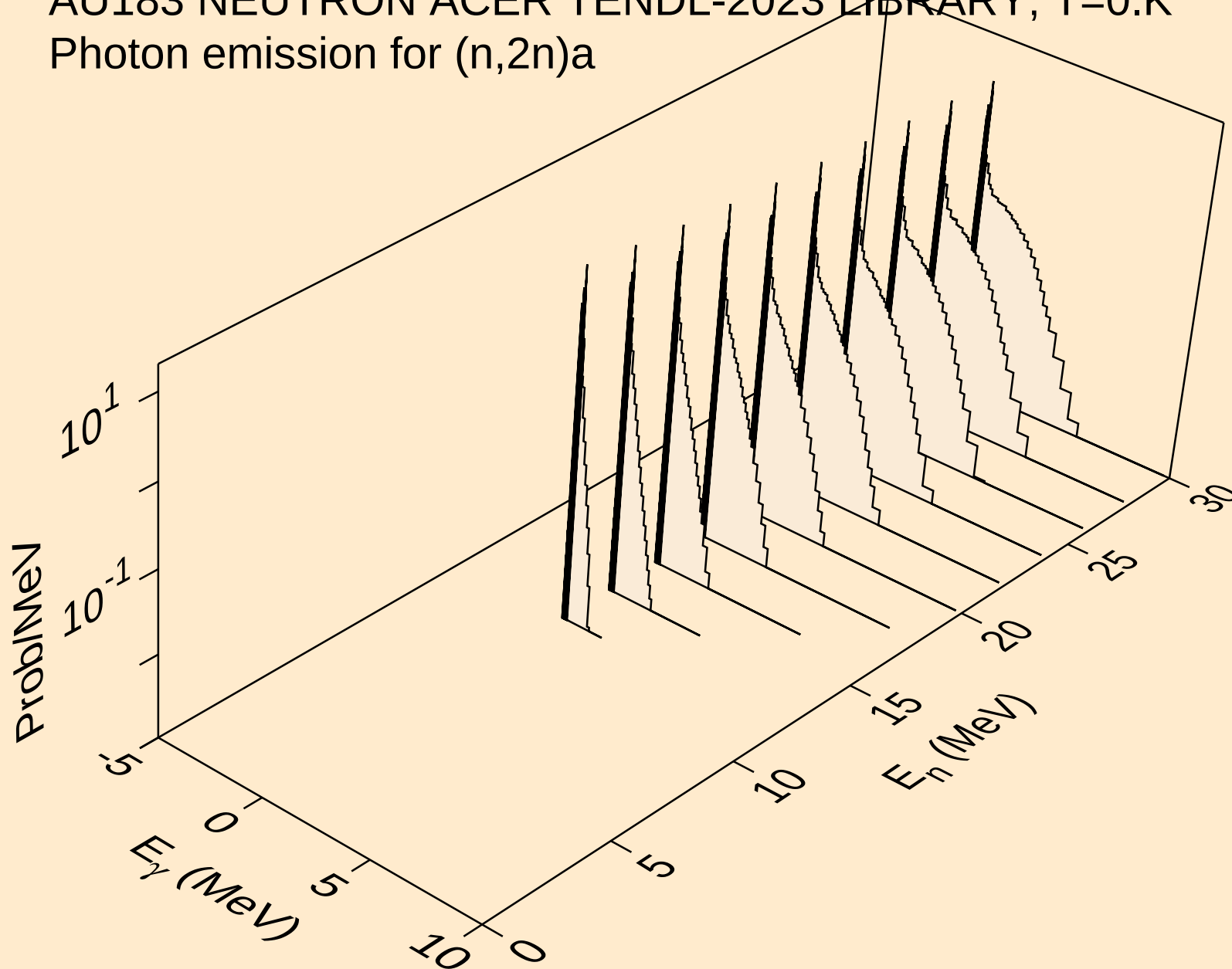
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a

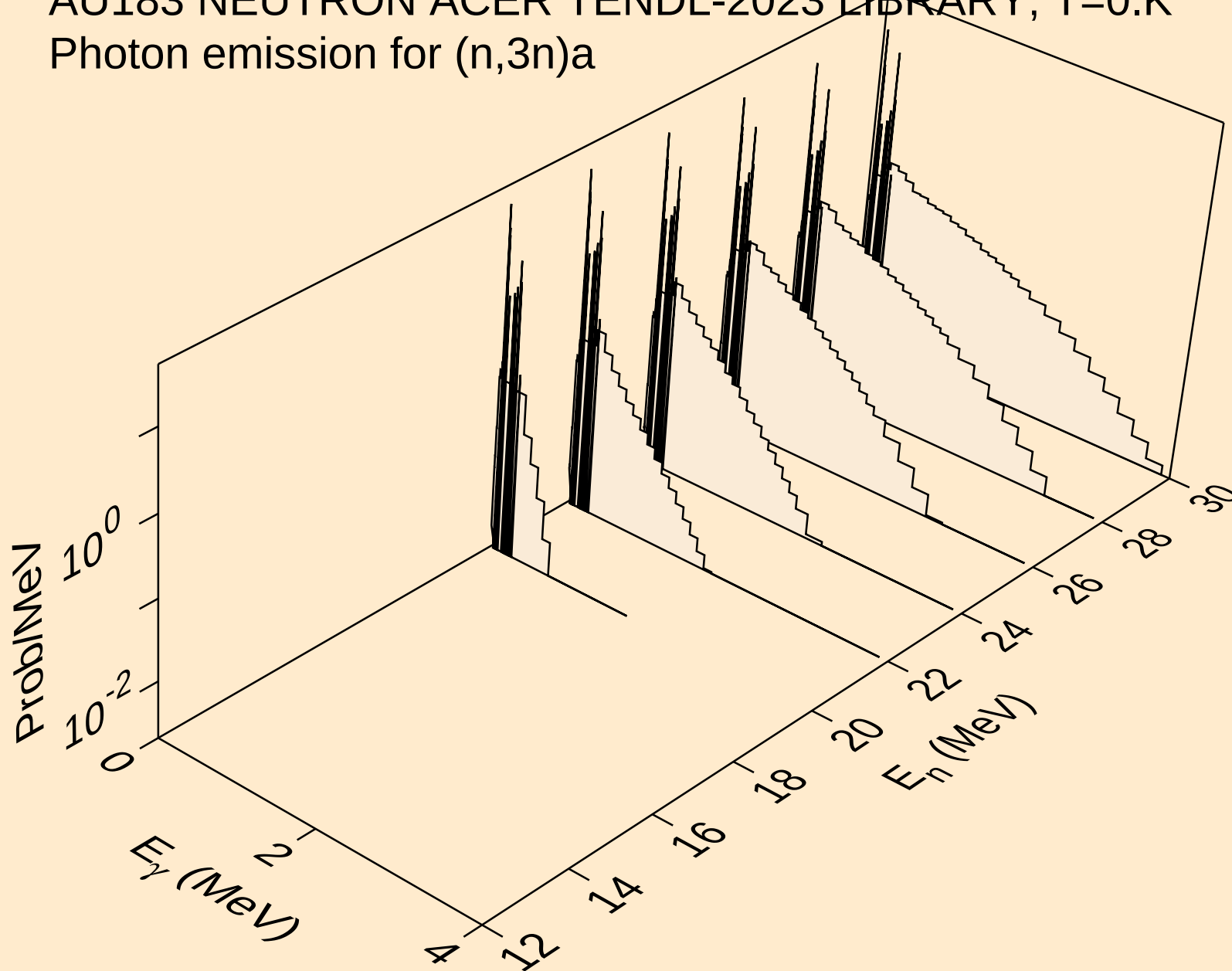


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

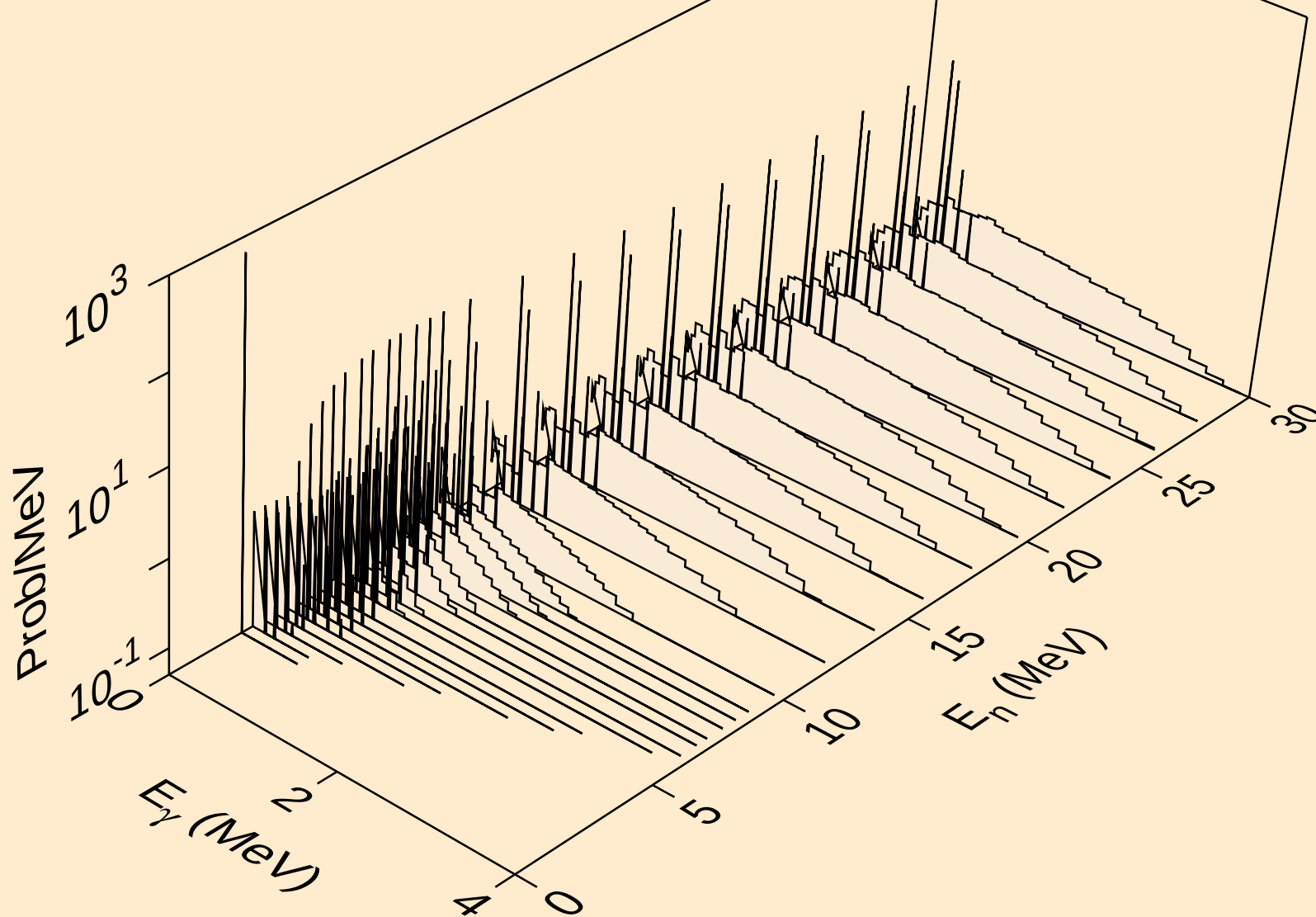


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

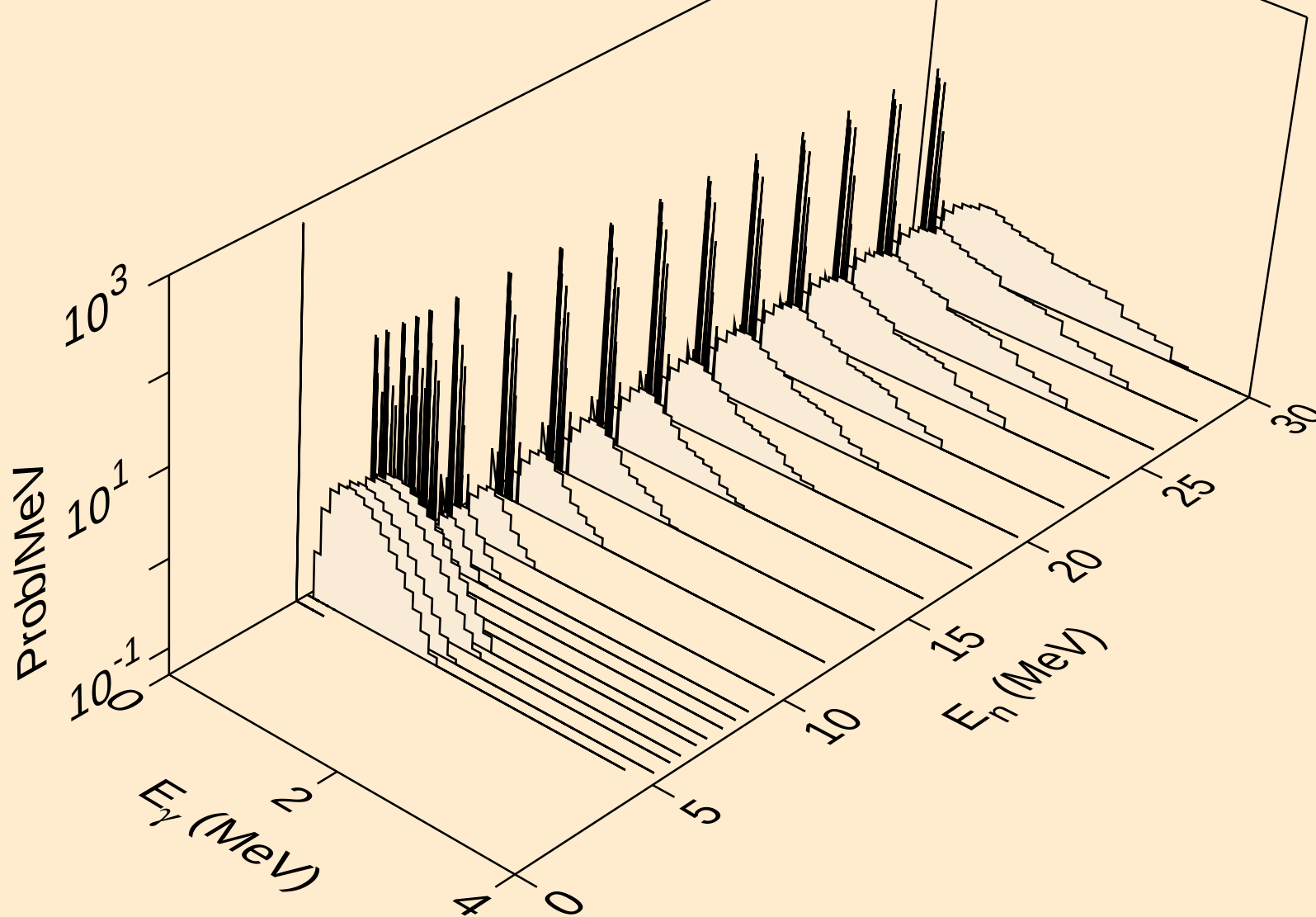
Photon emission for (n,3n)a



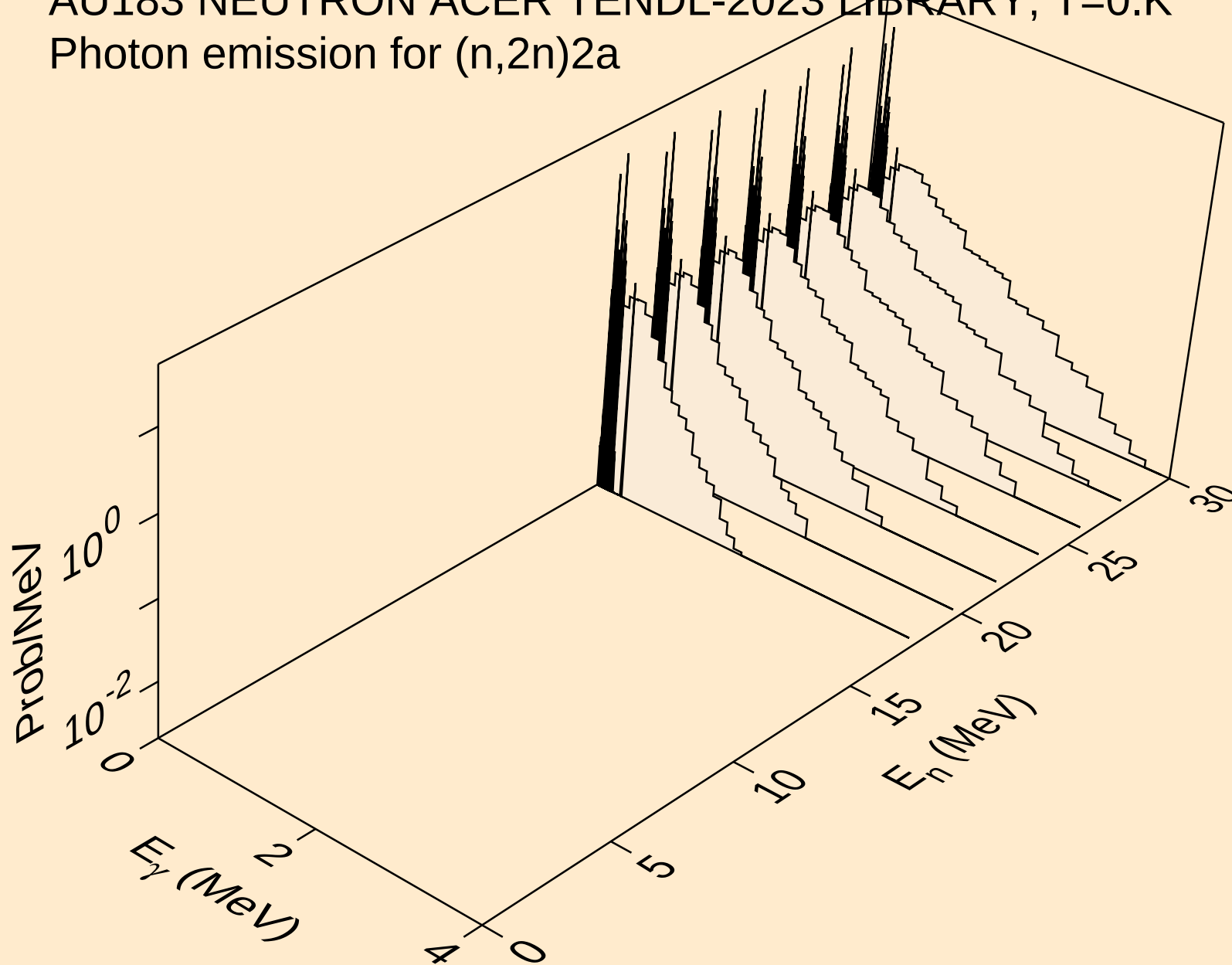
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a

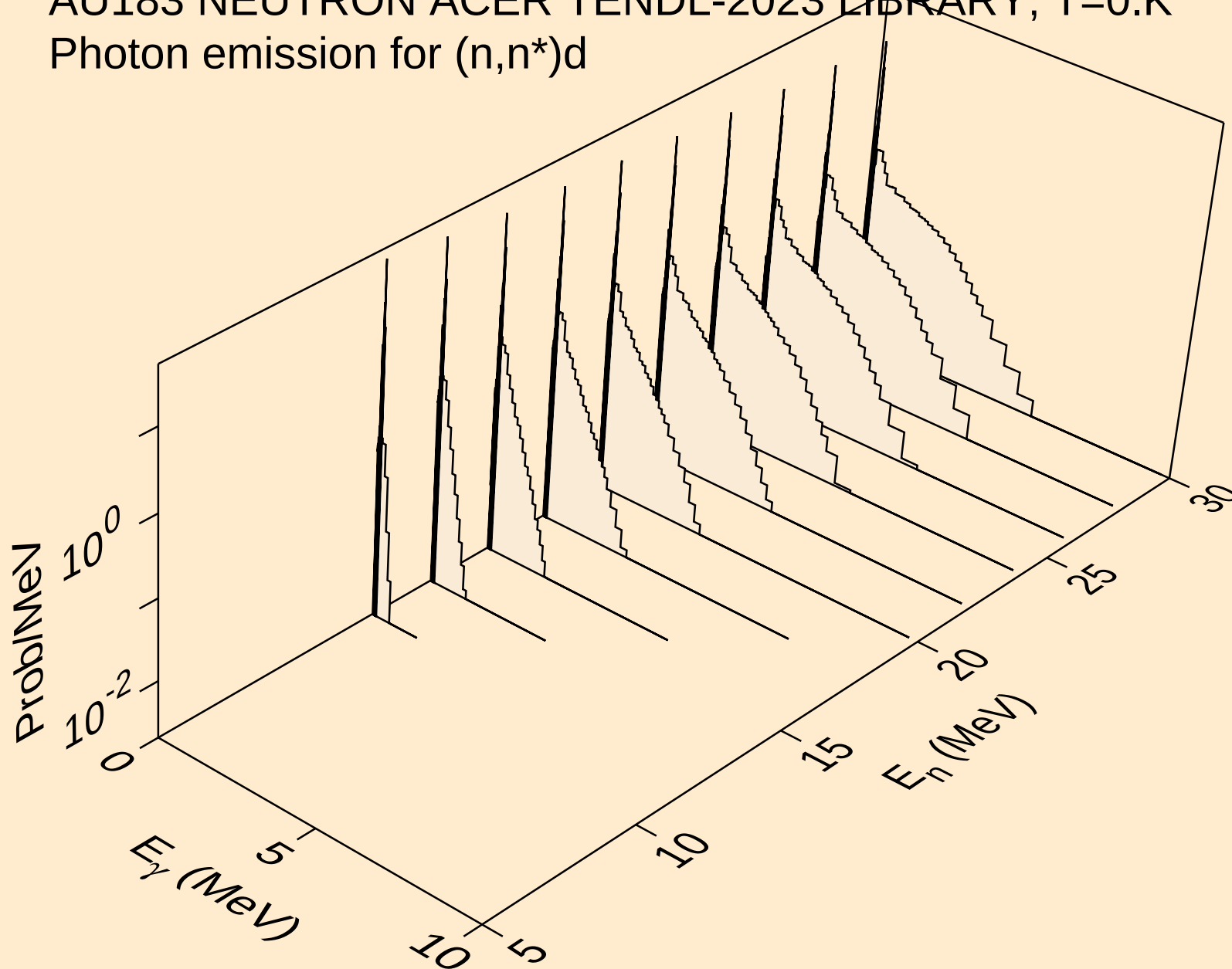


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a

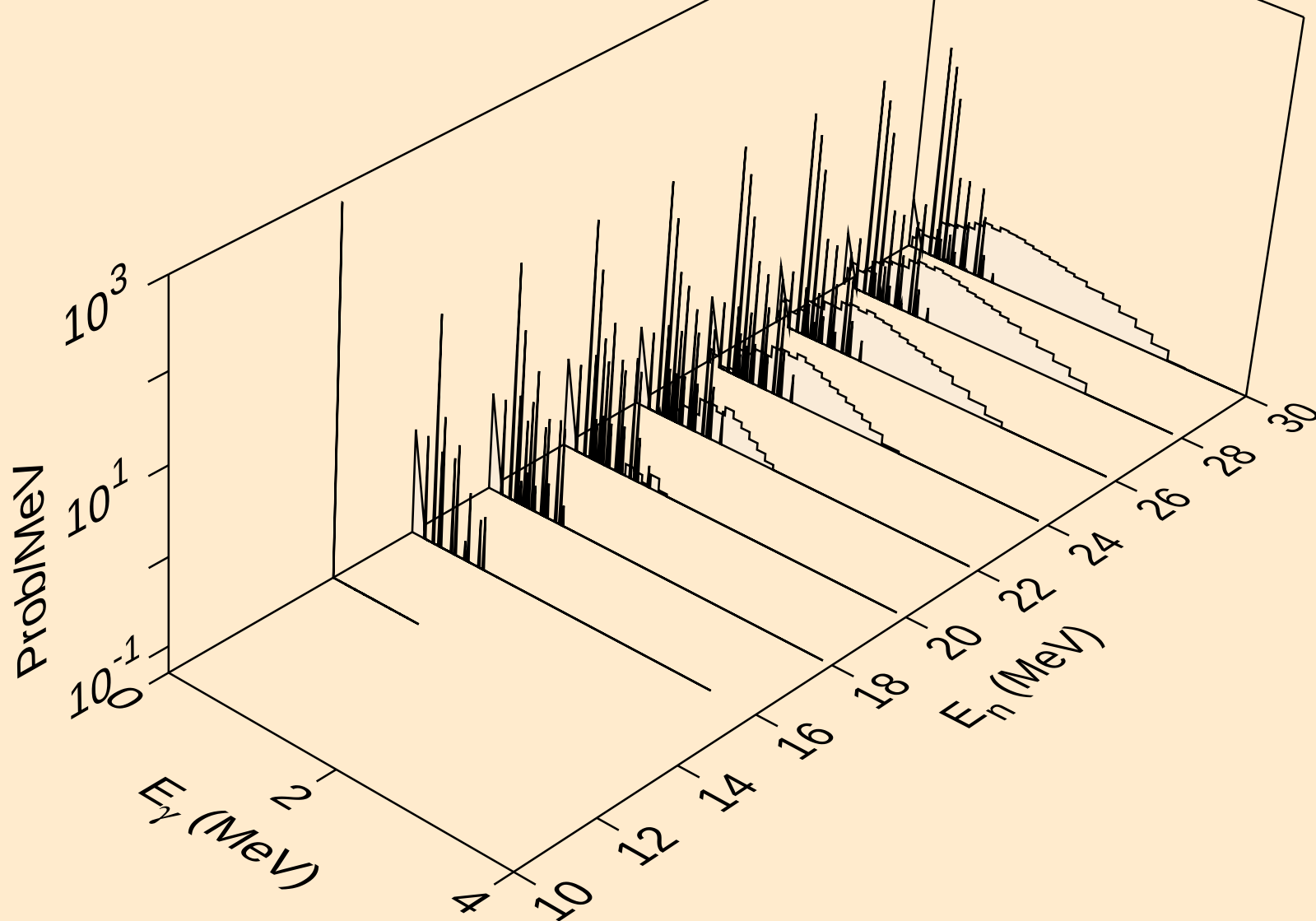


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

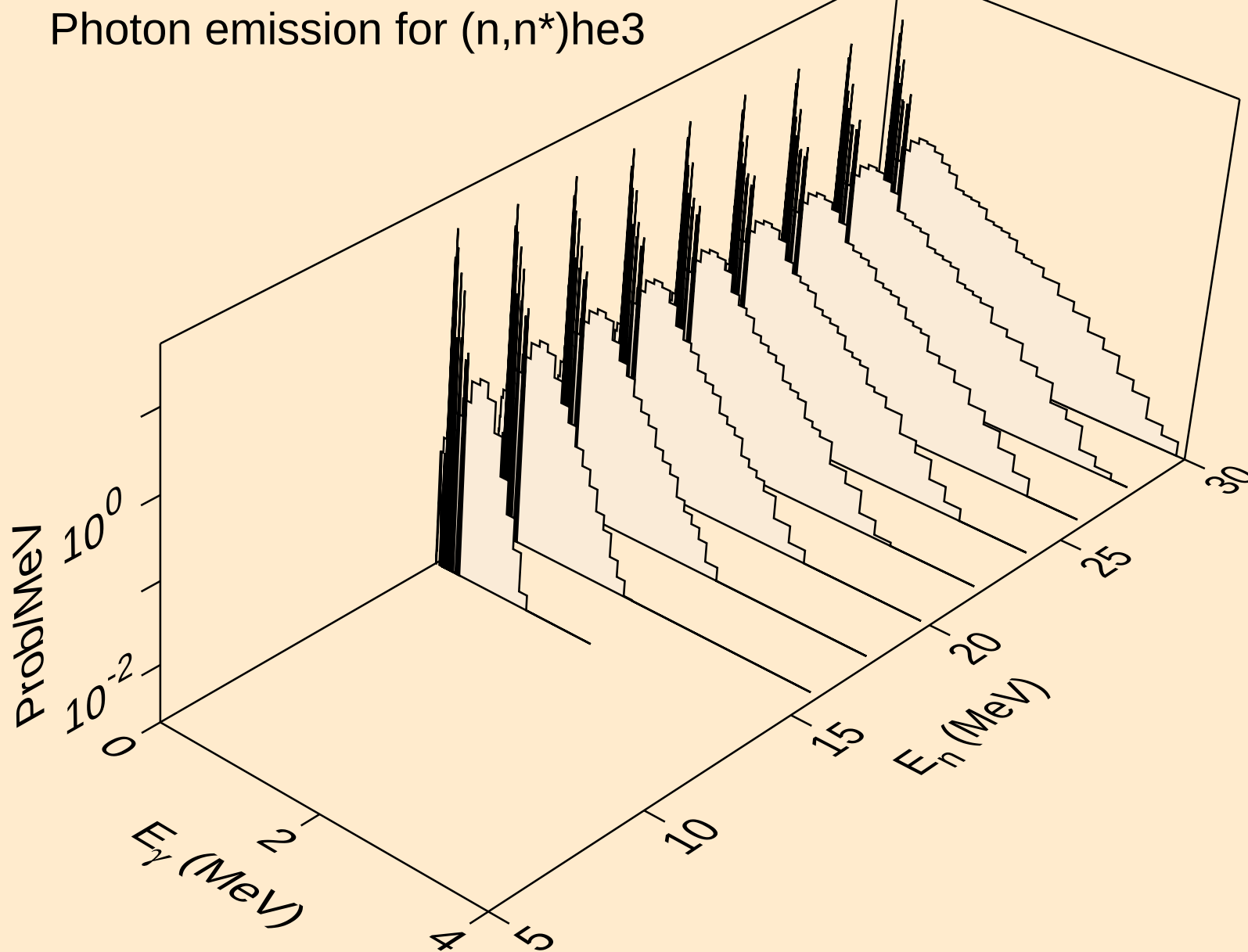
Photon emission for (n,n*)d



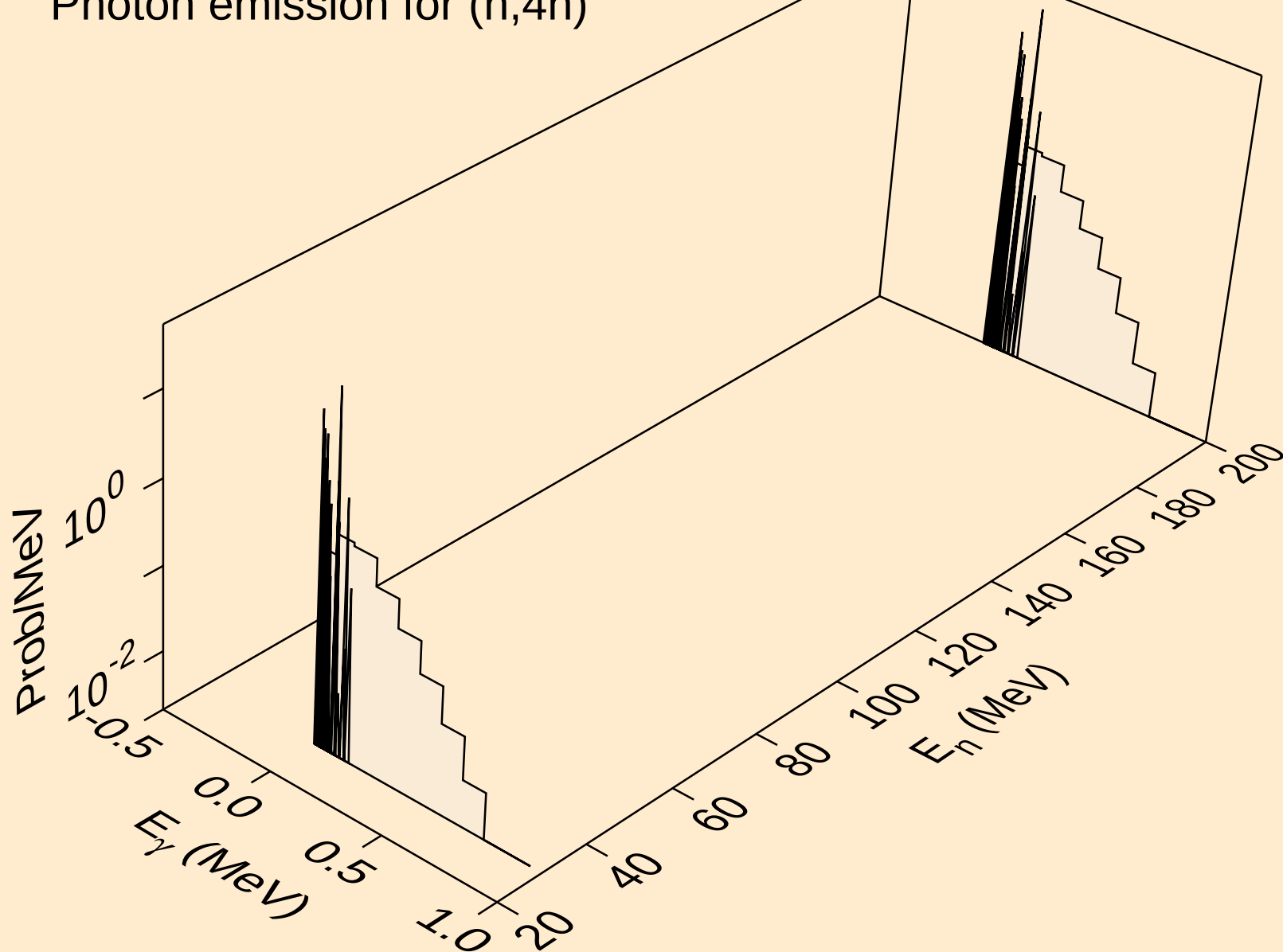
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



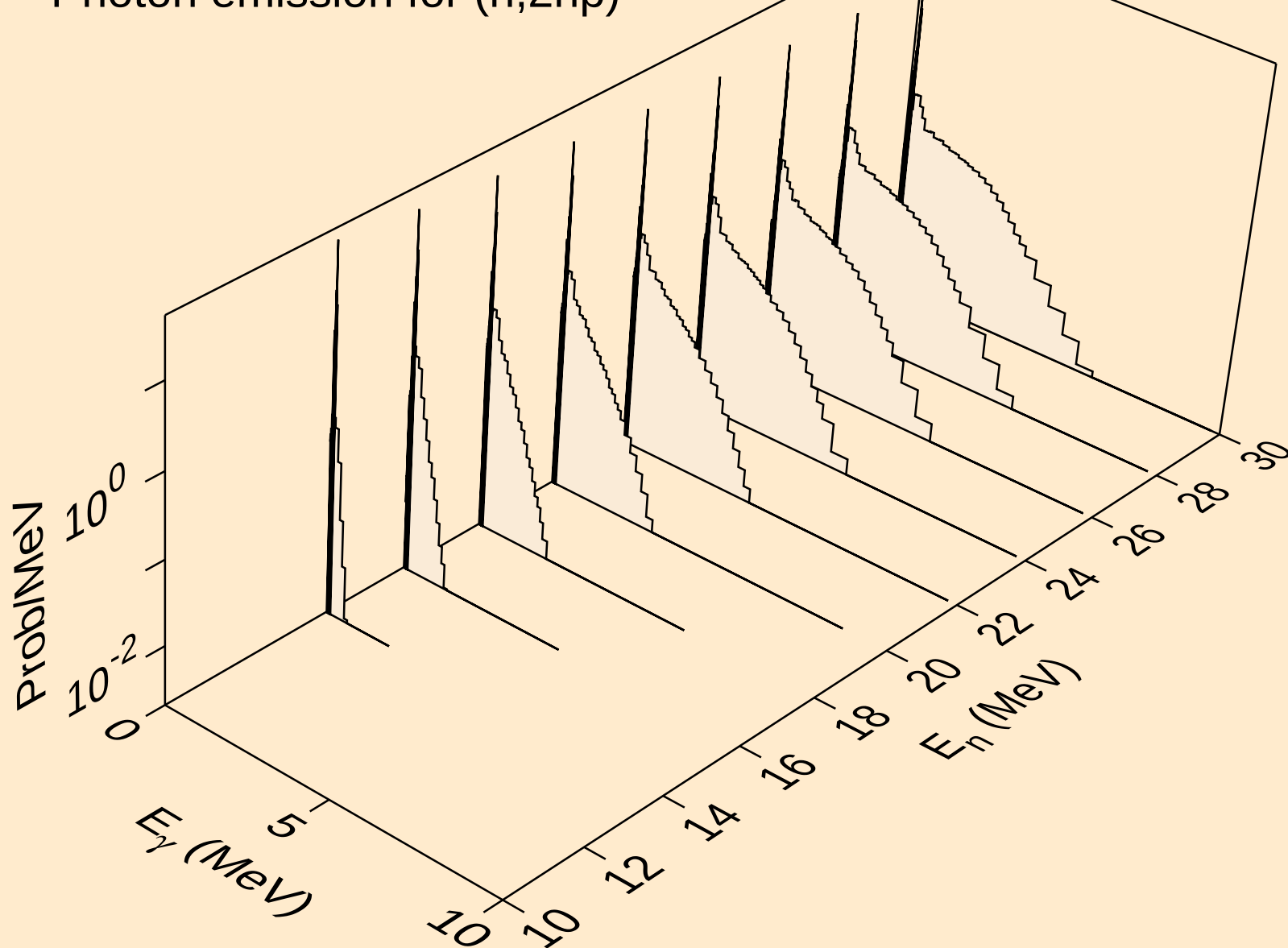
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



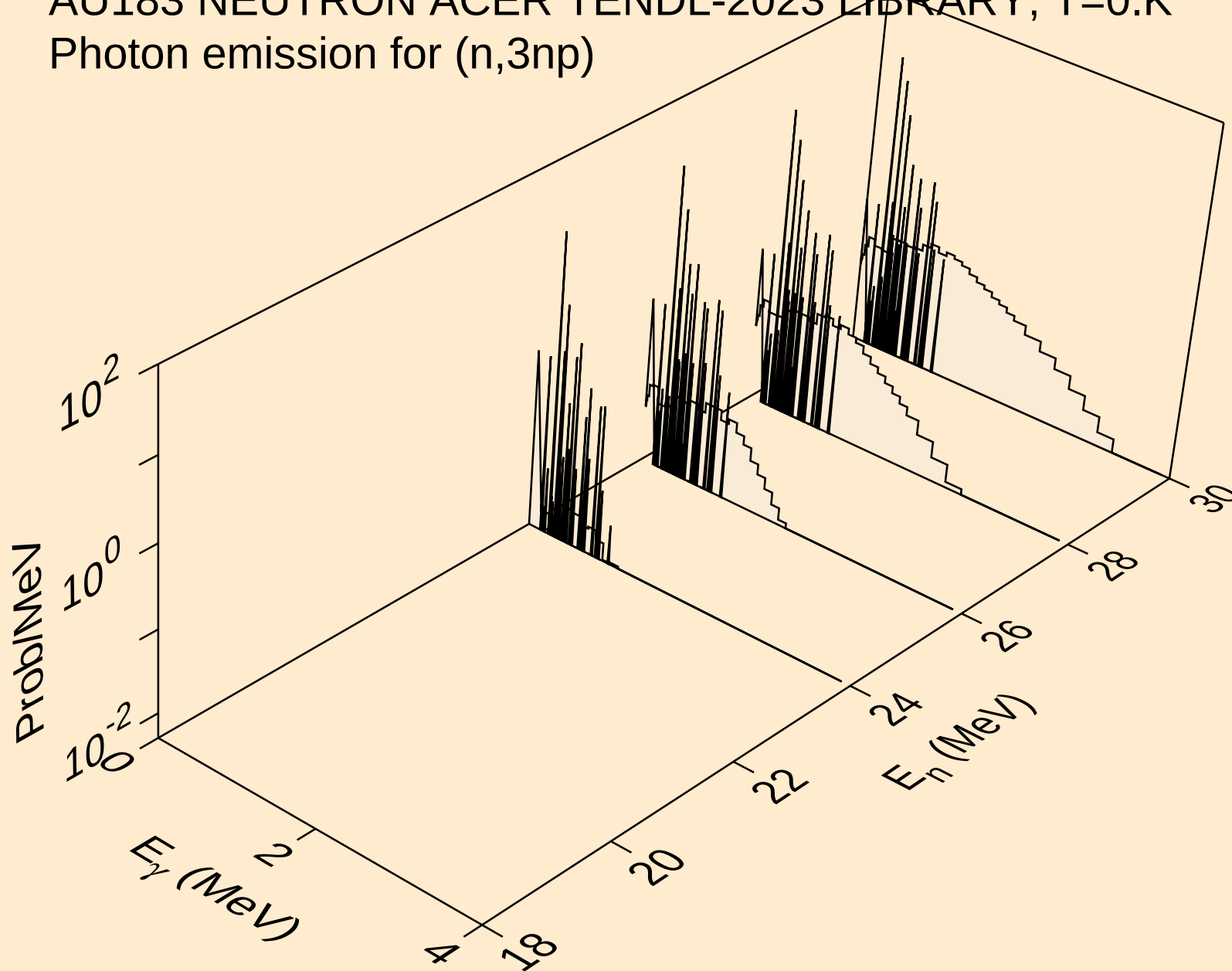
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



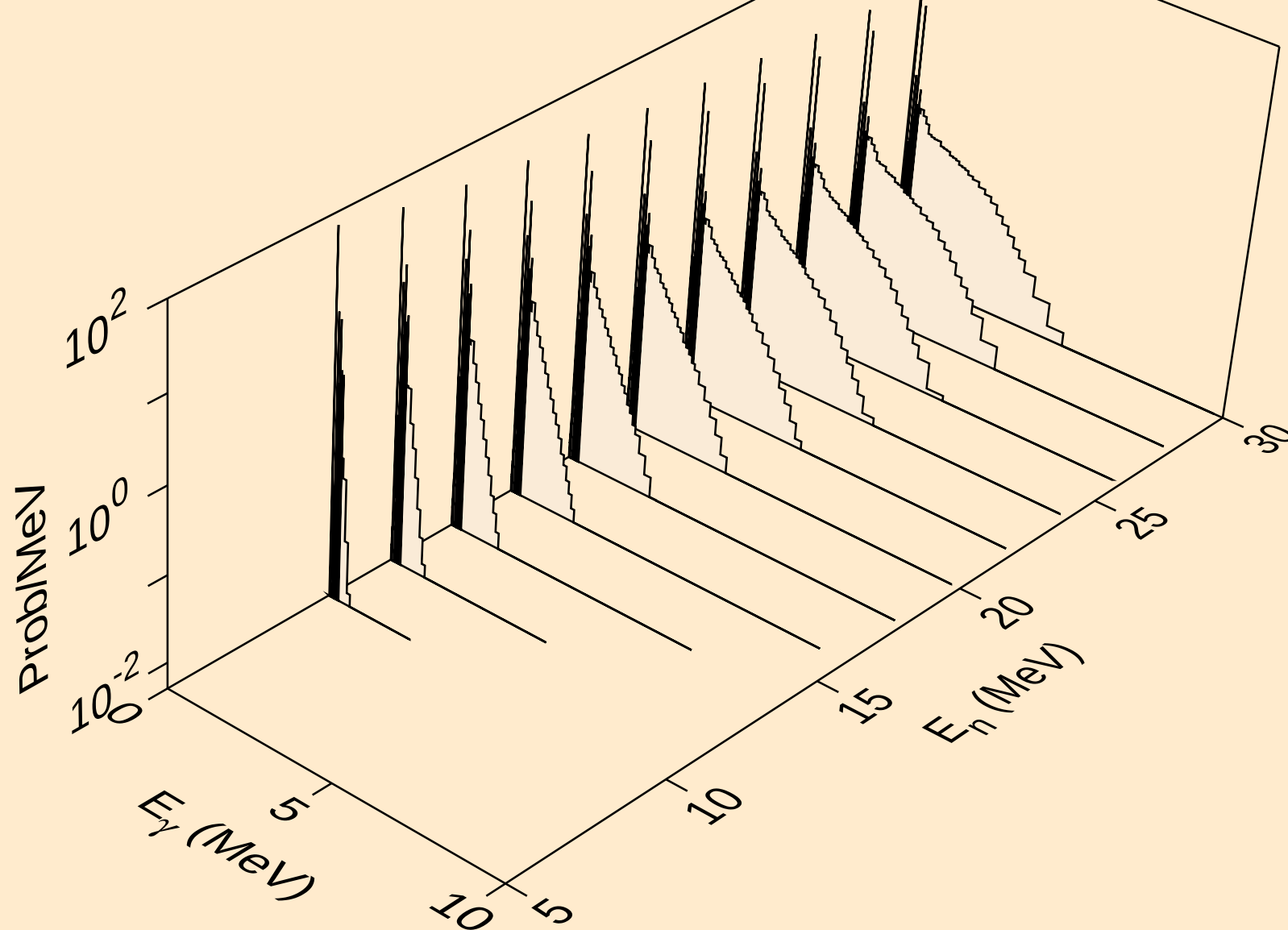
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



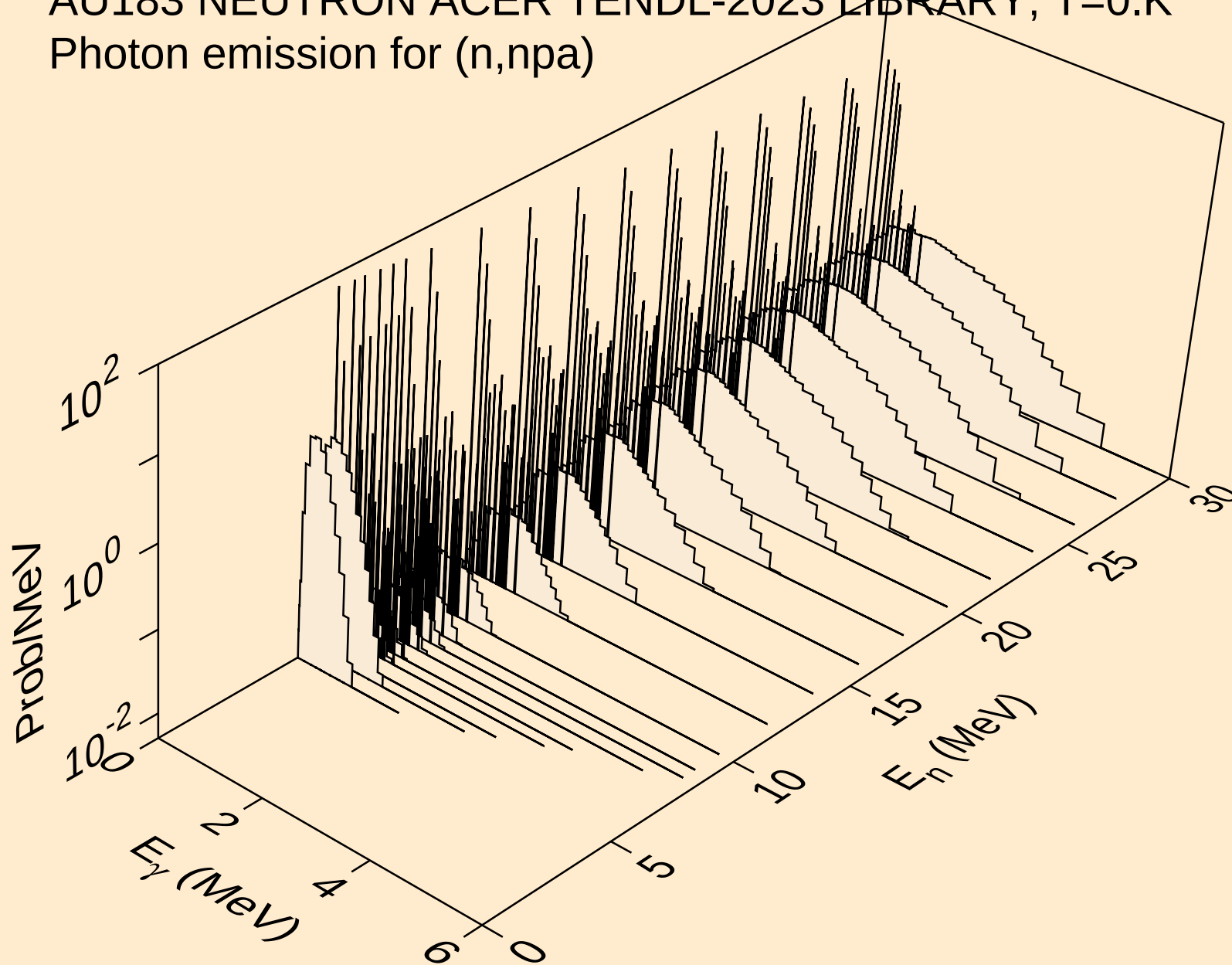
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



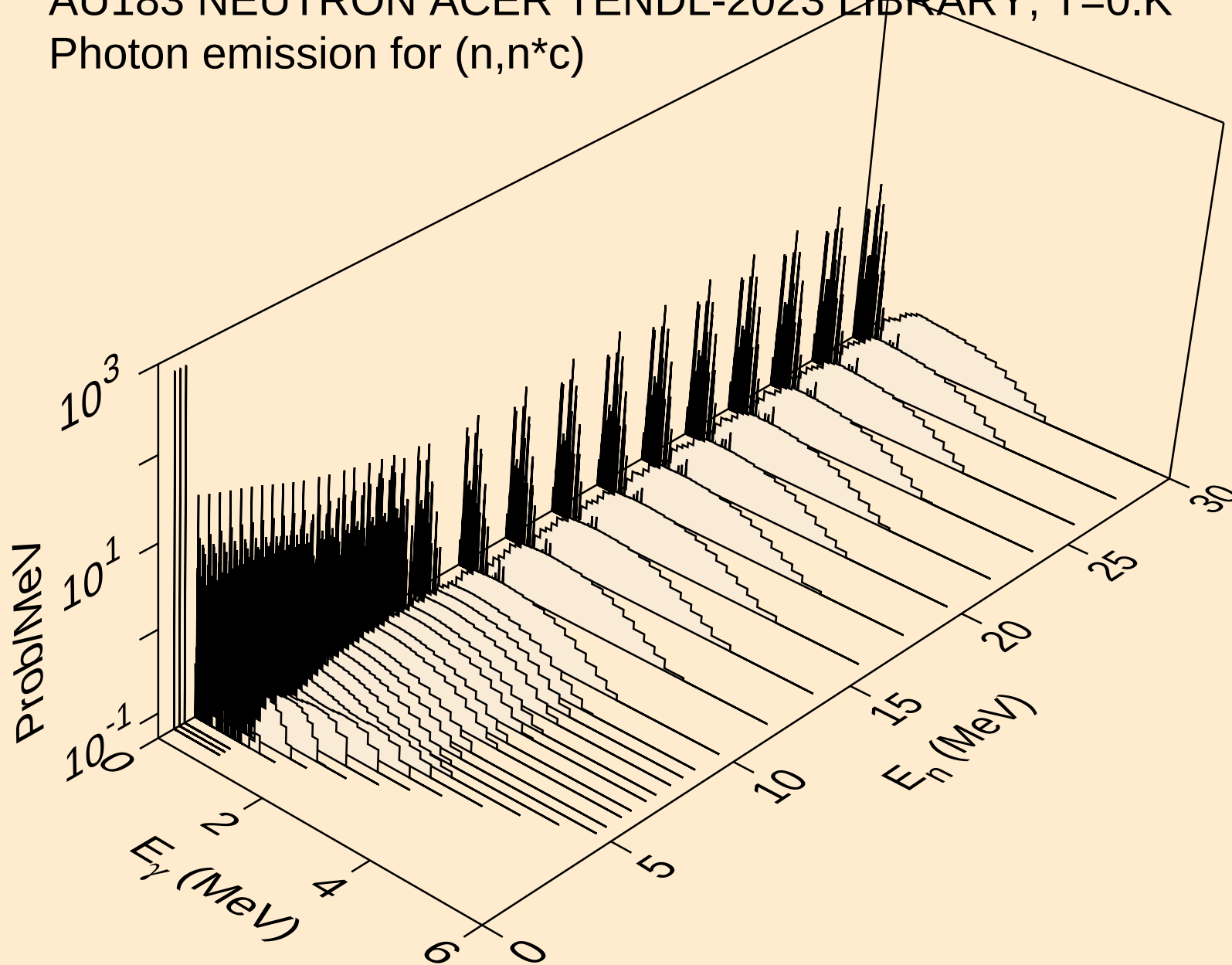
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



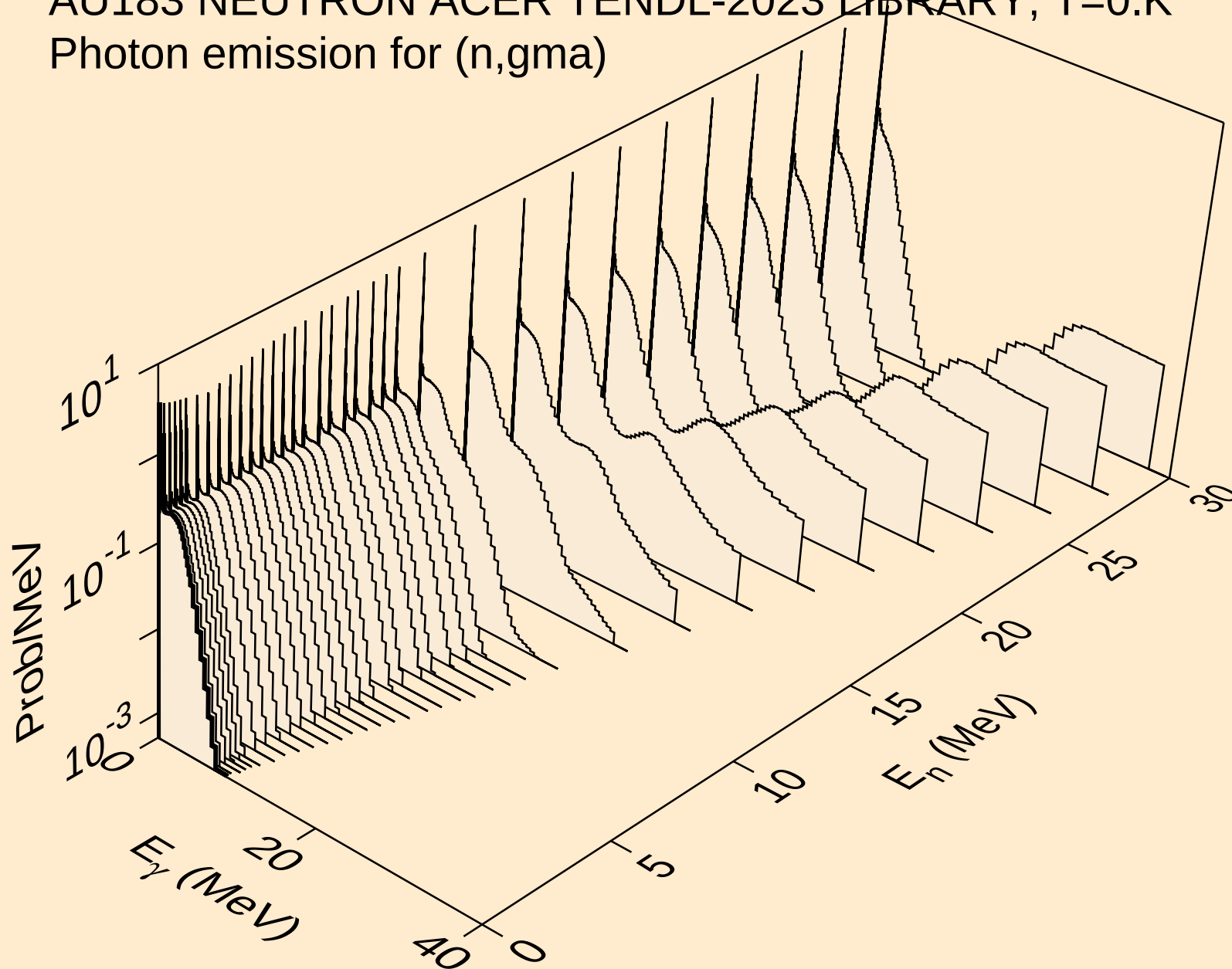
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



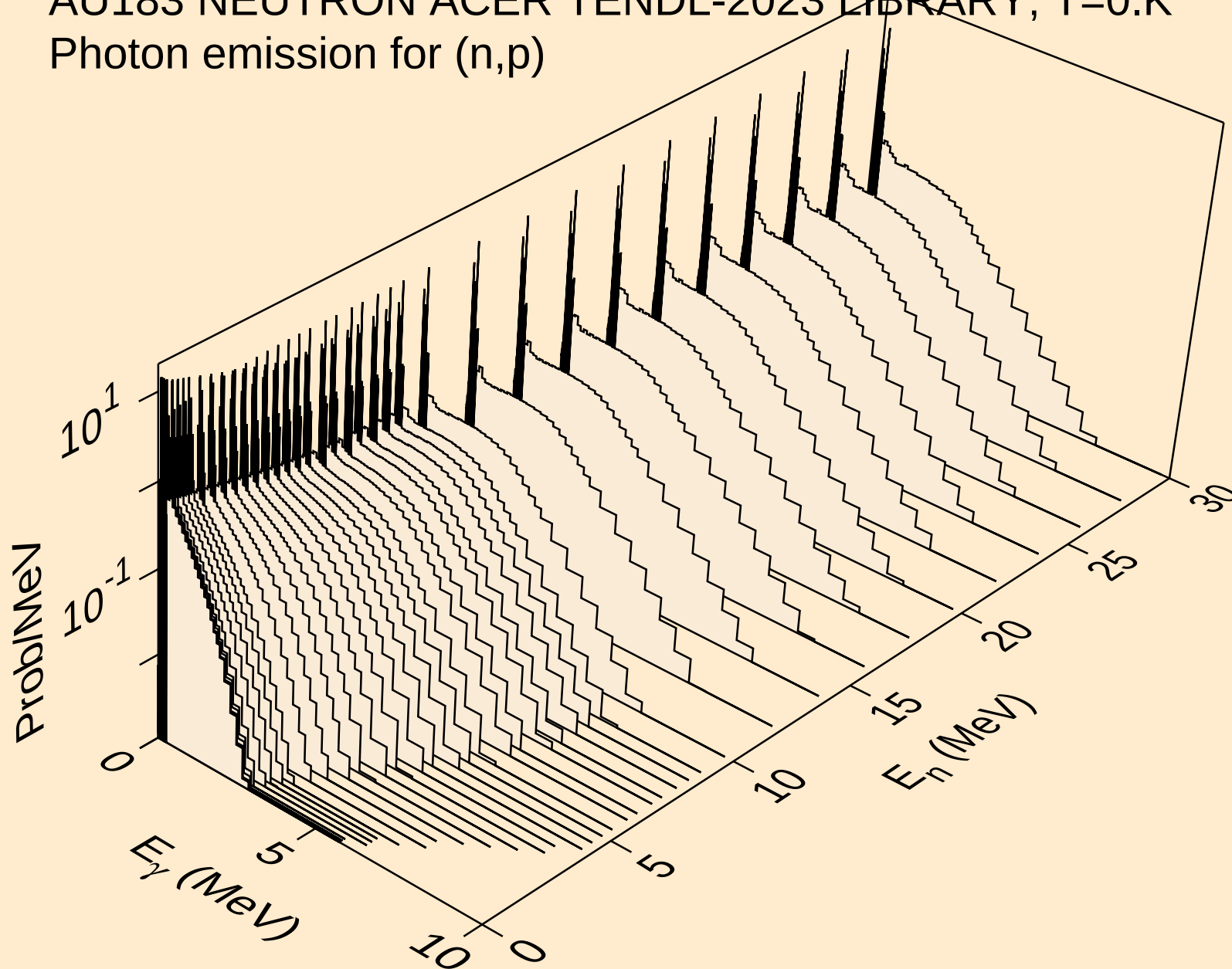
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



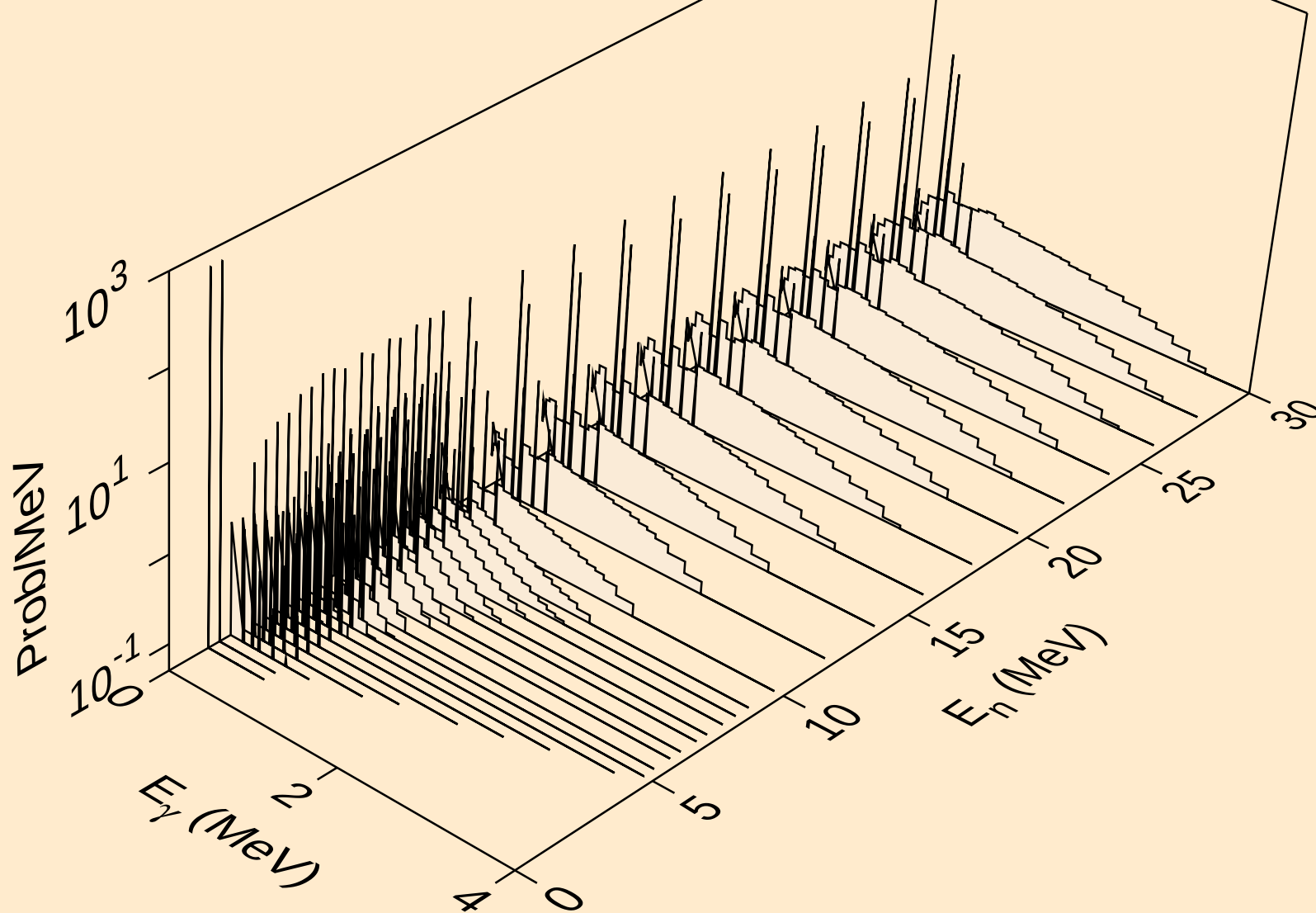
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



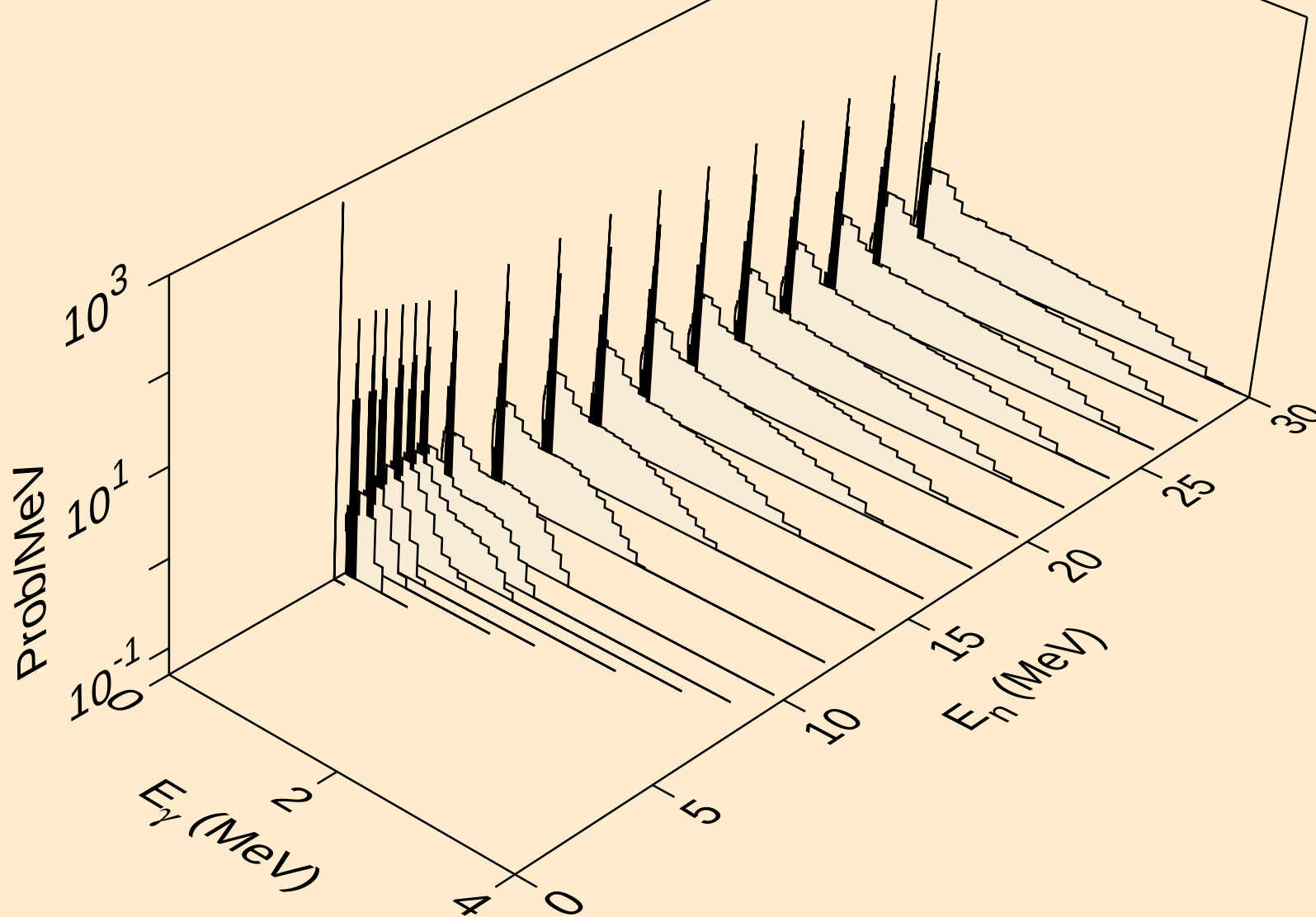
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



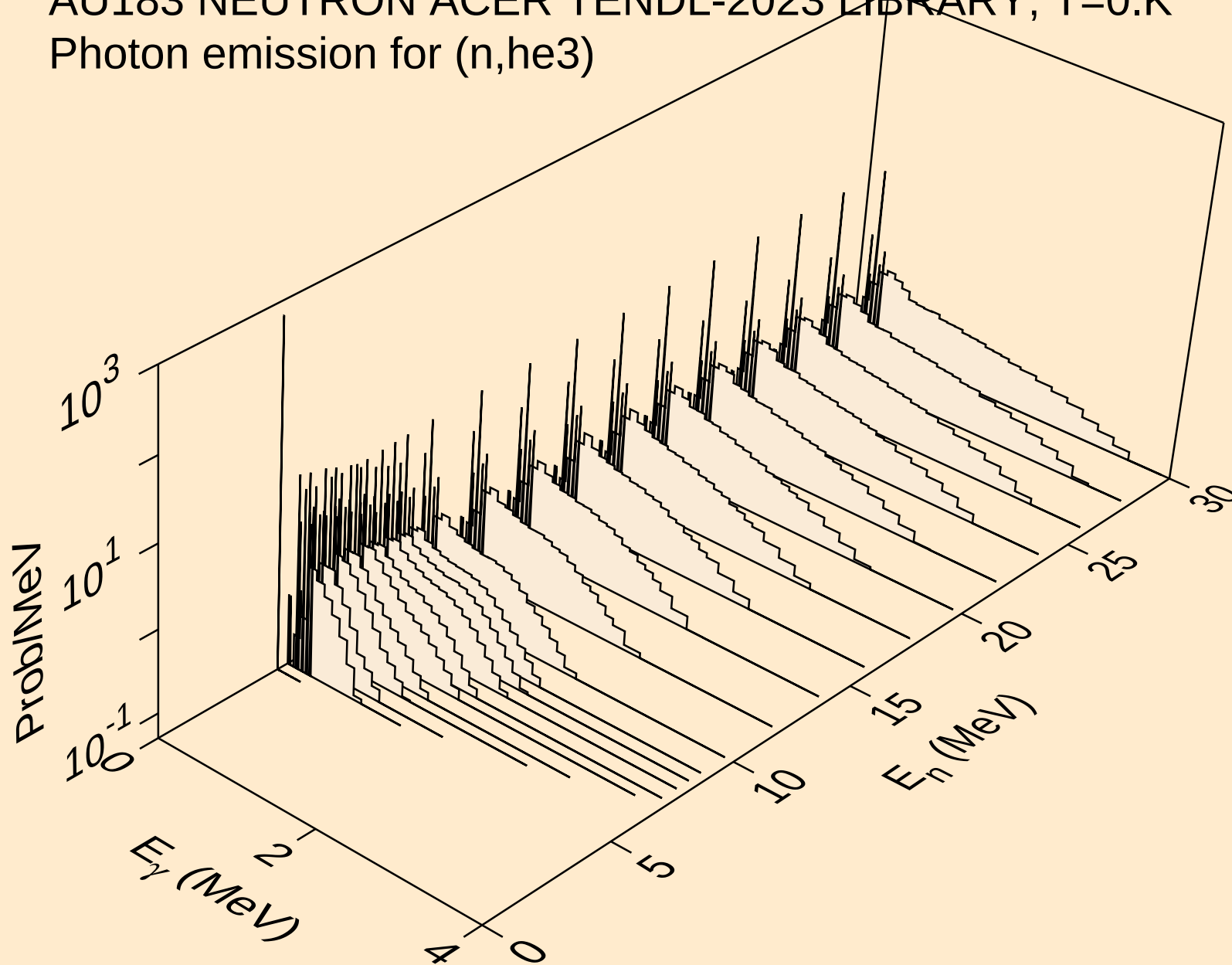
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



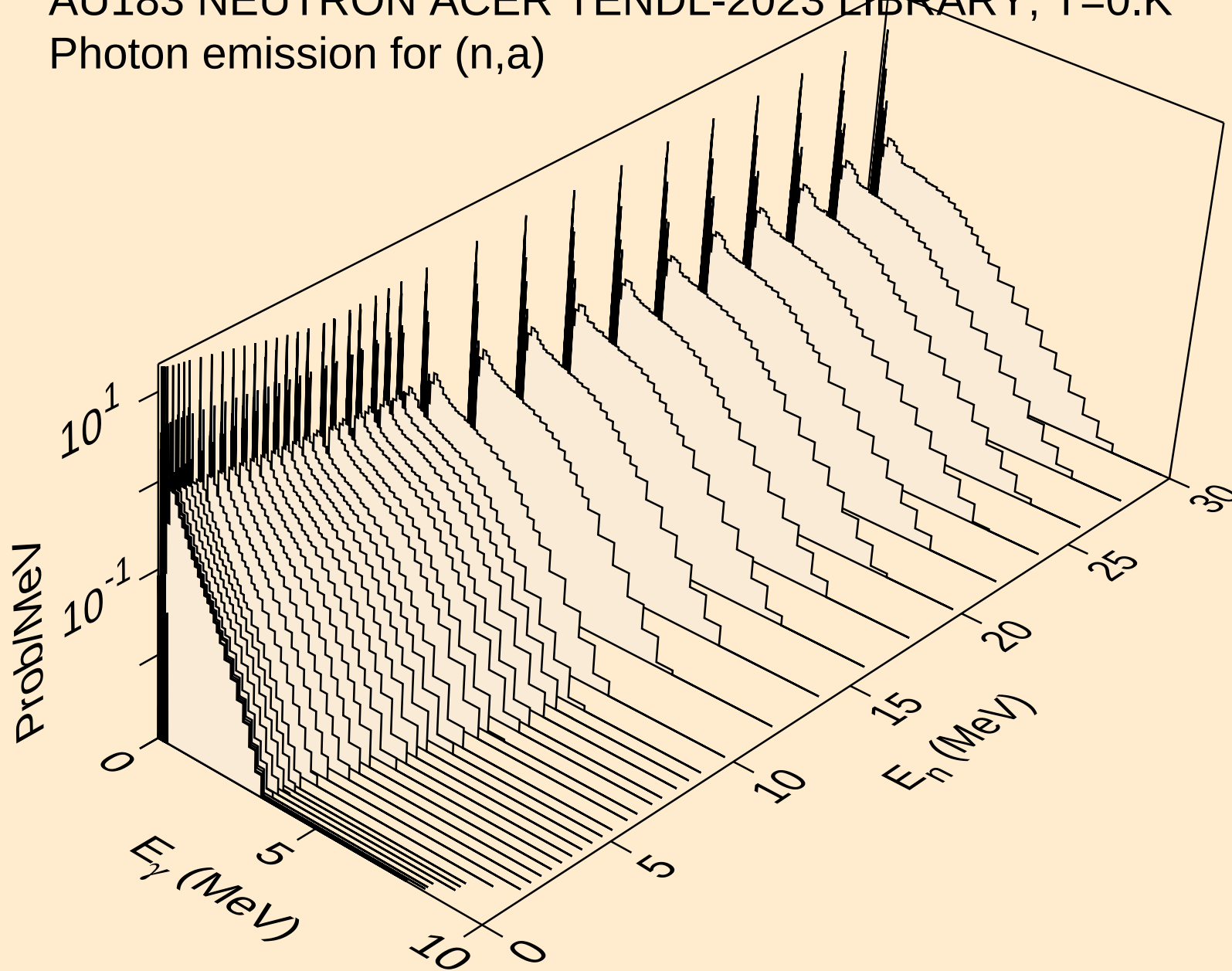
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



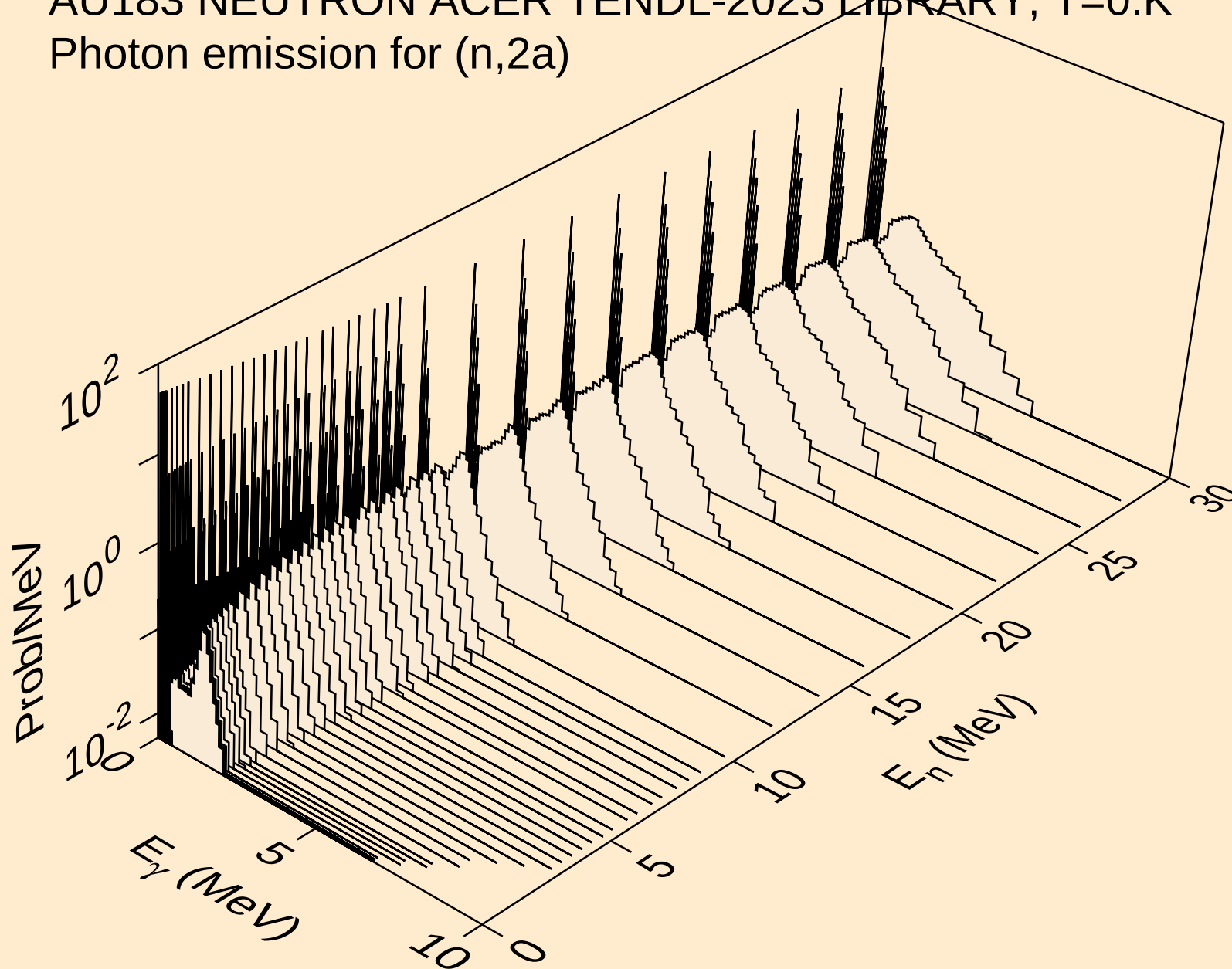
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



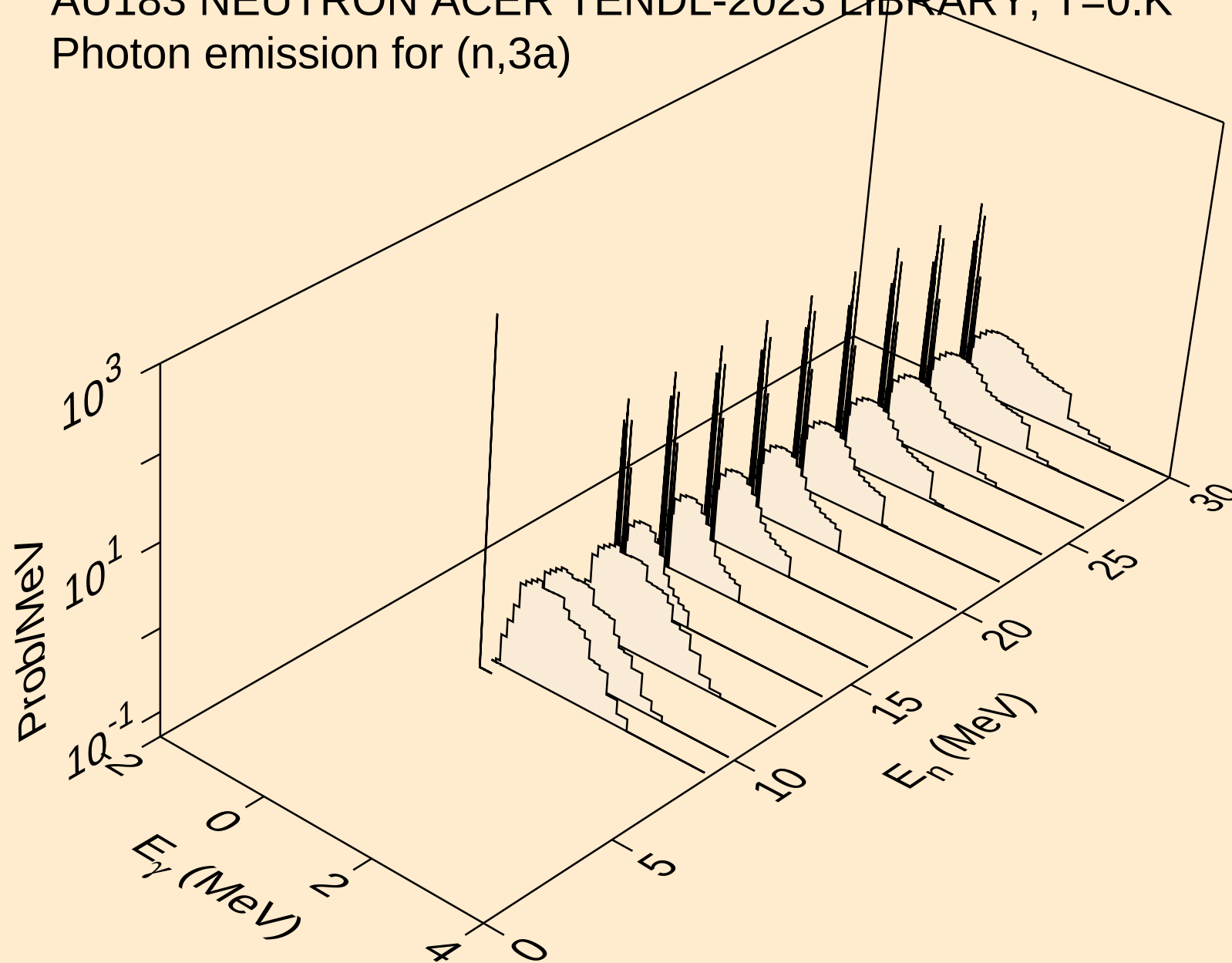
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



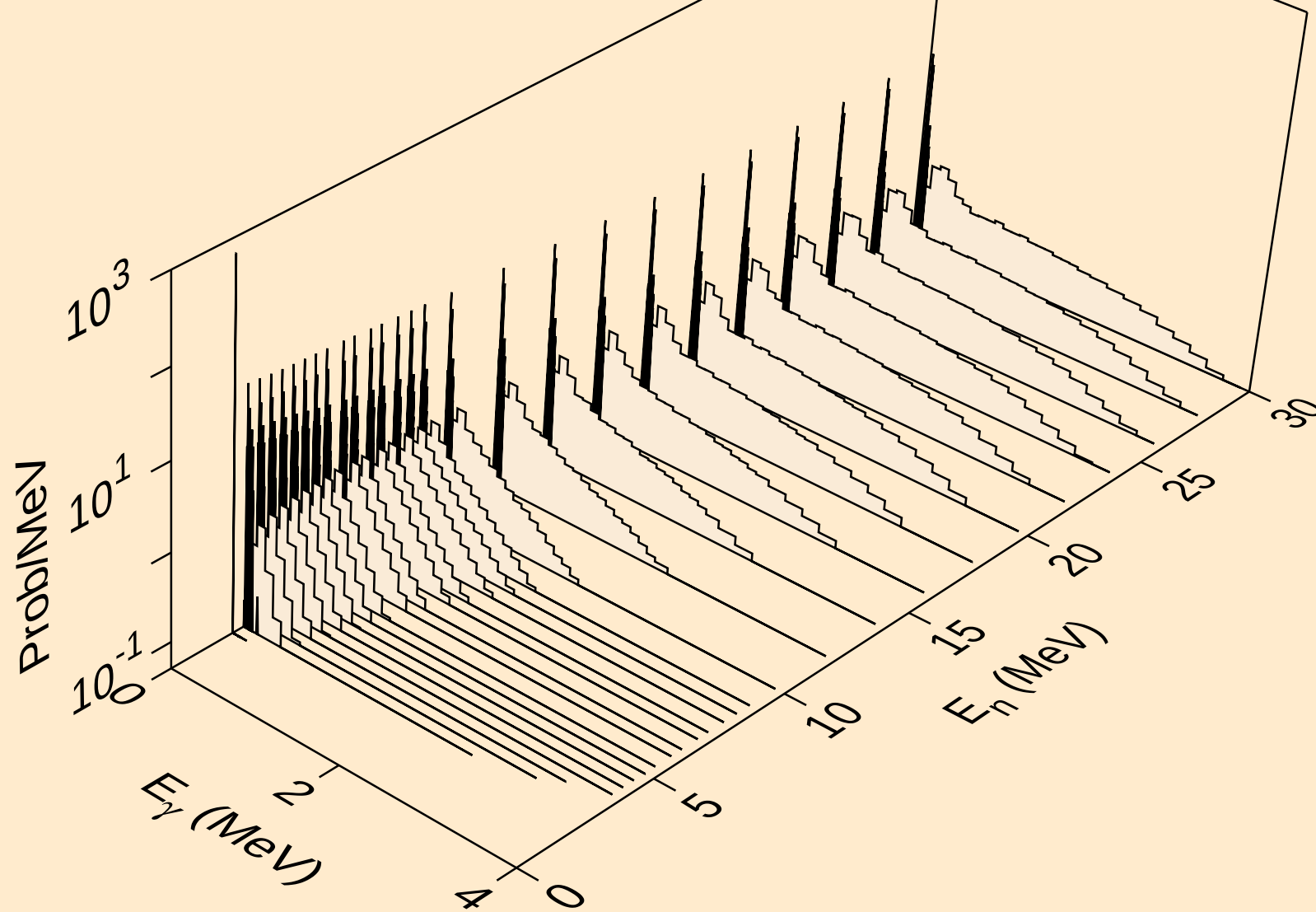
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



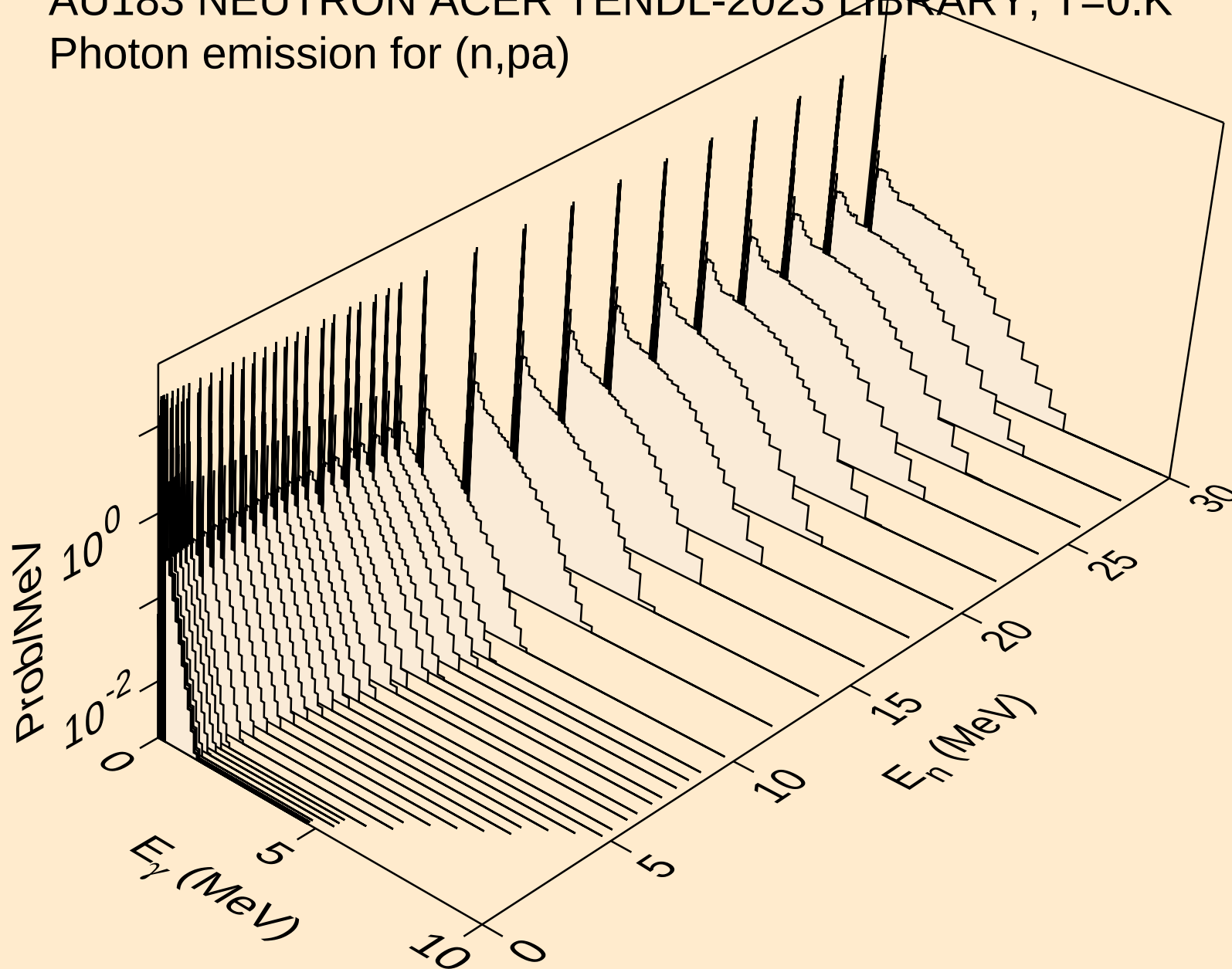
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



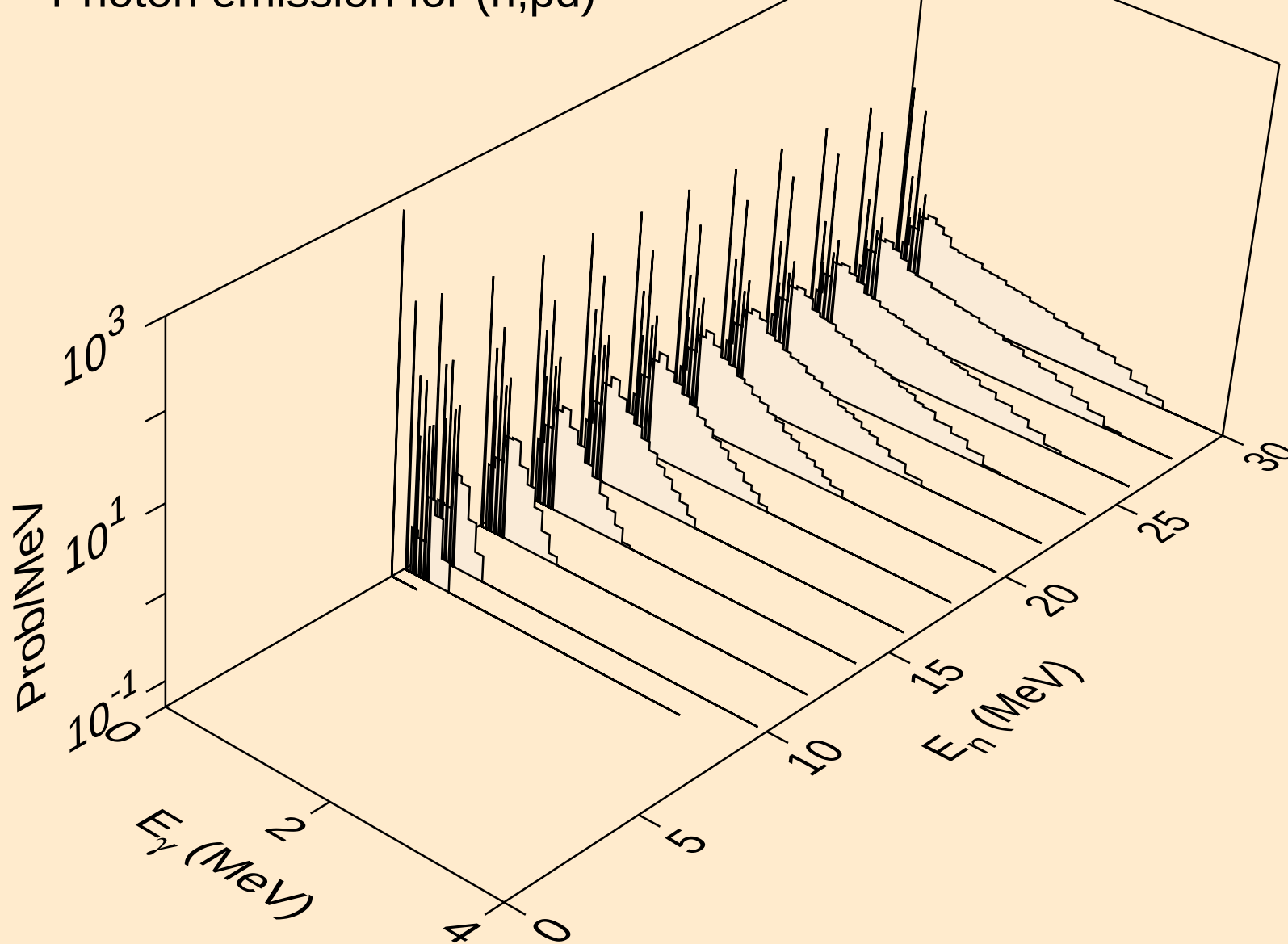
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



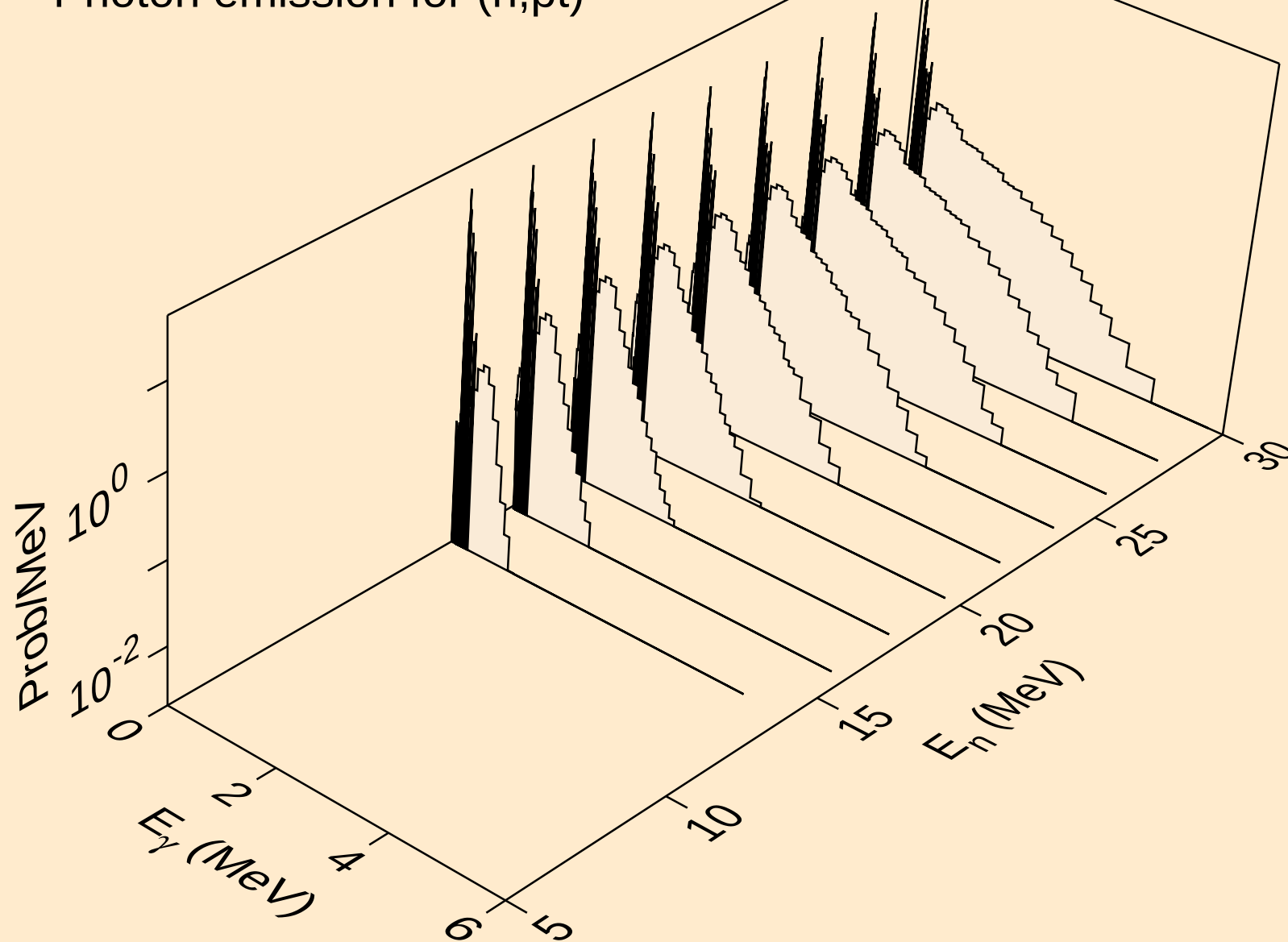
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



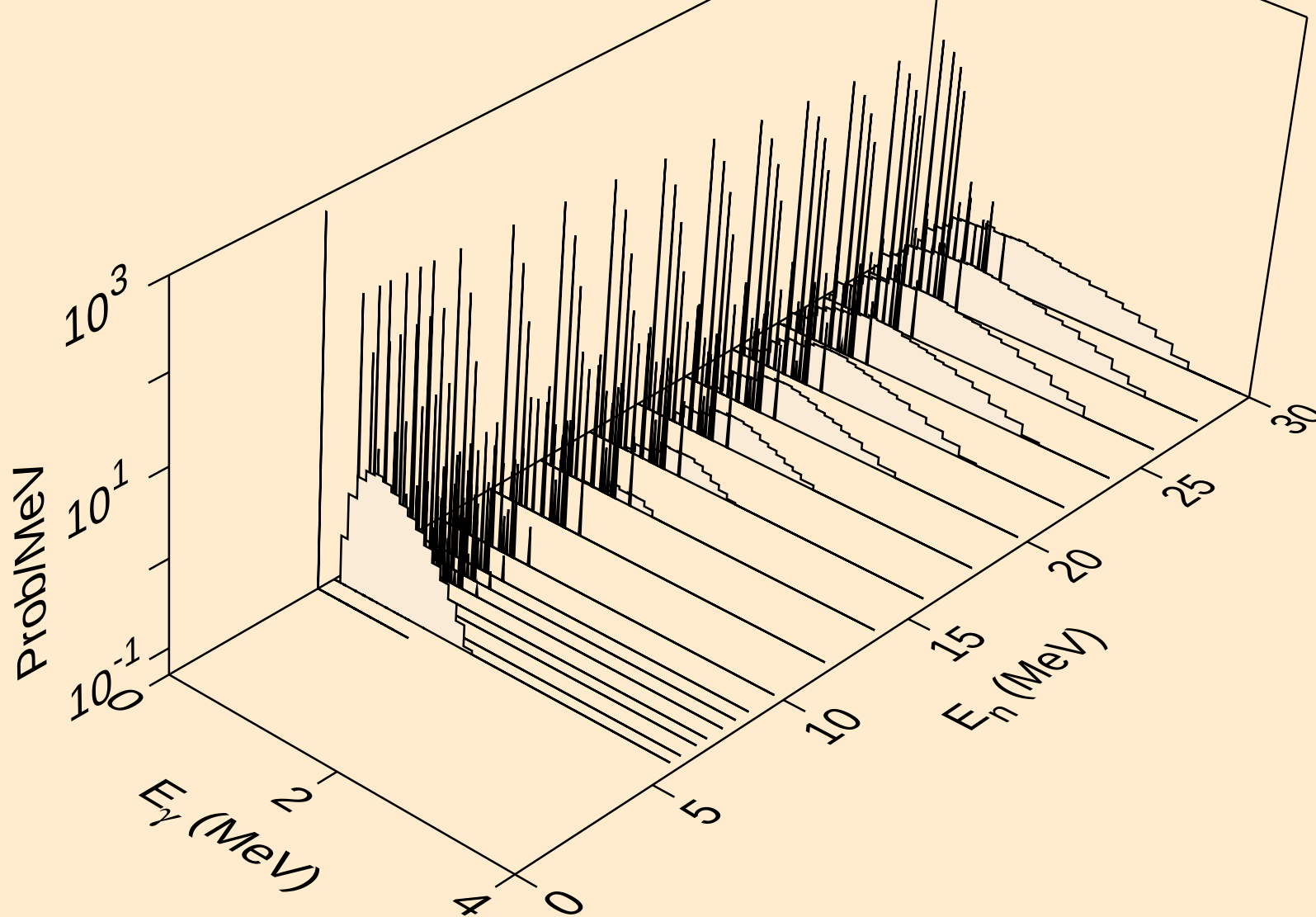
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



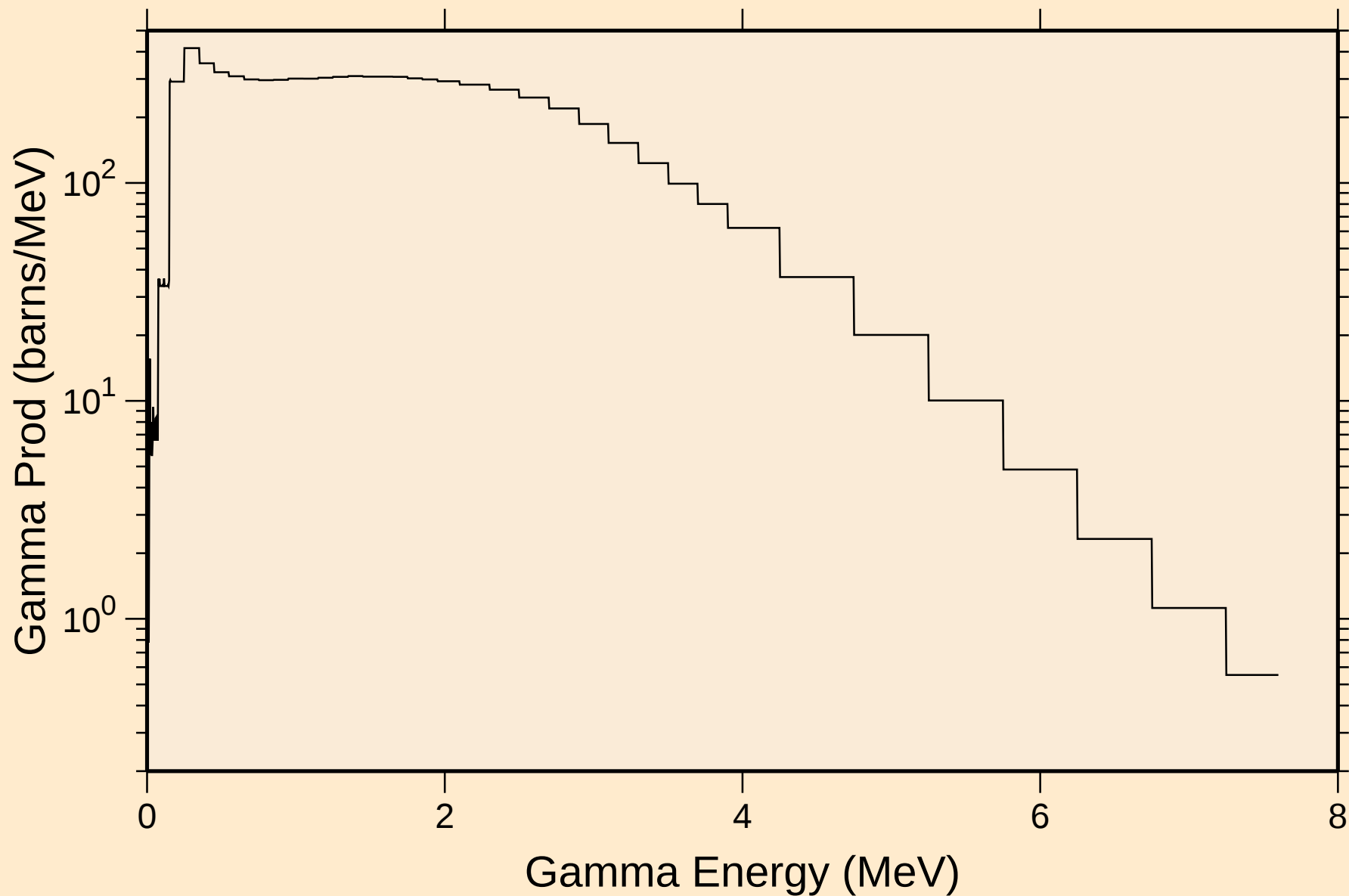
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



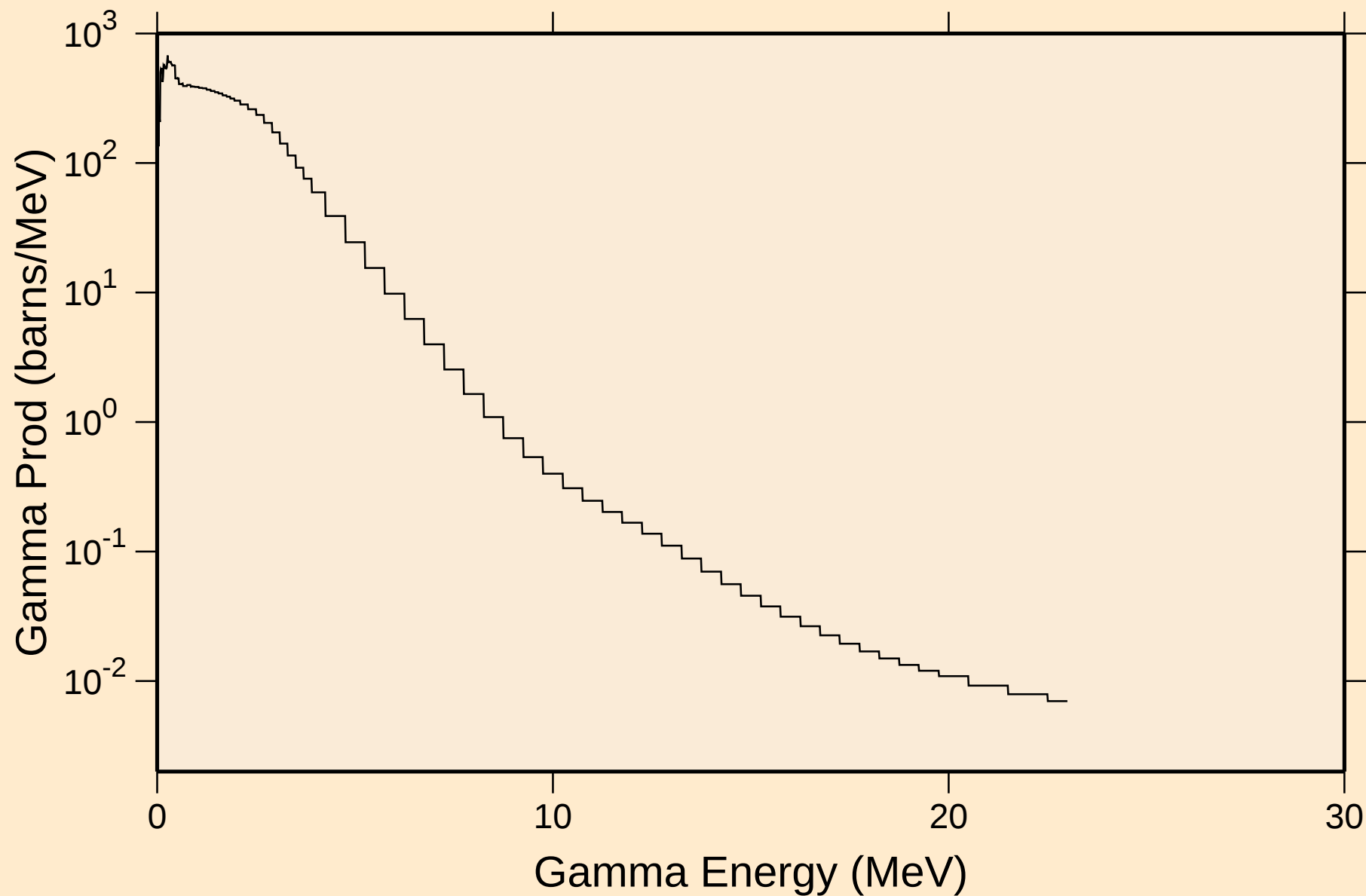
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

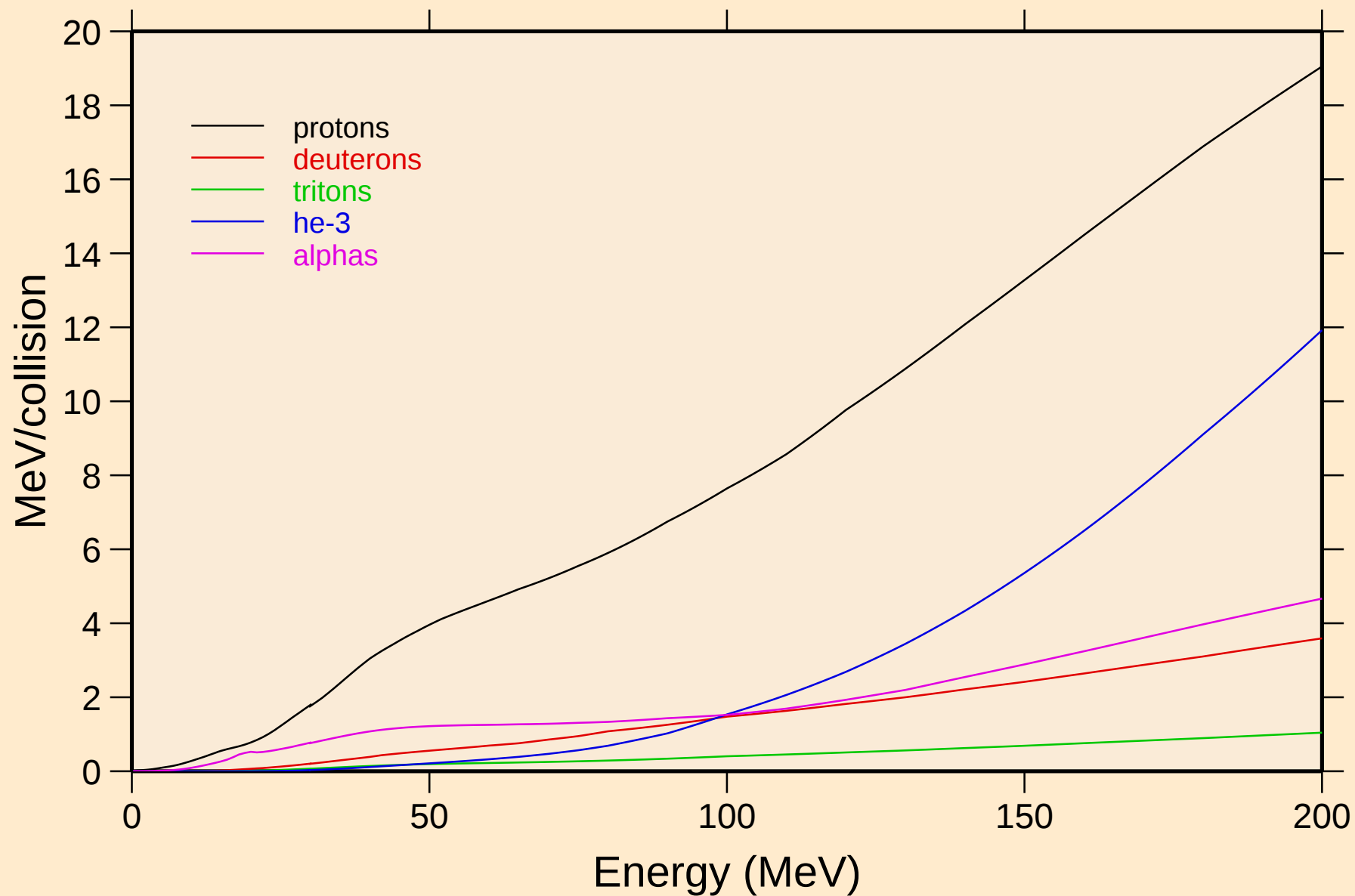


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

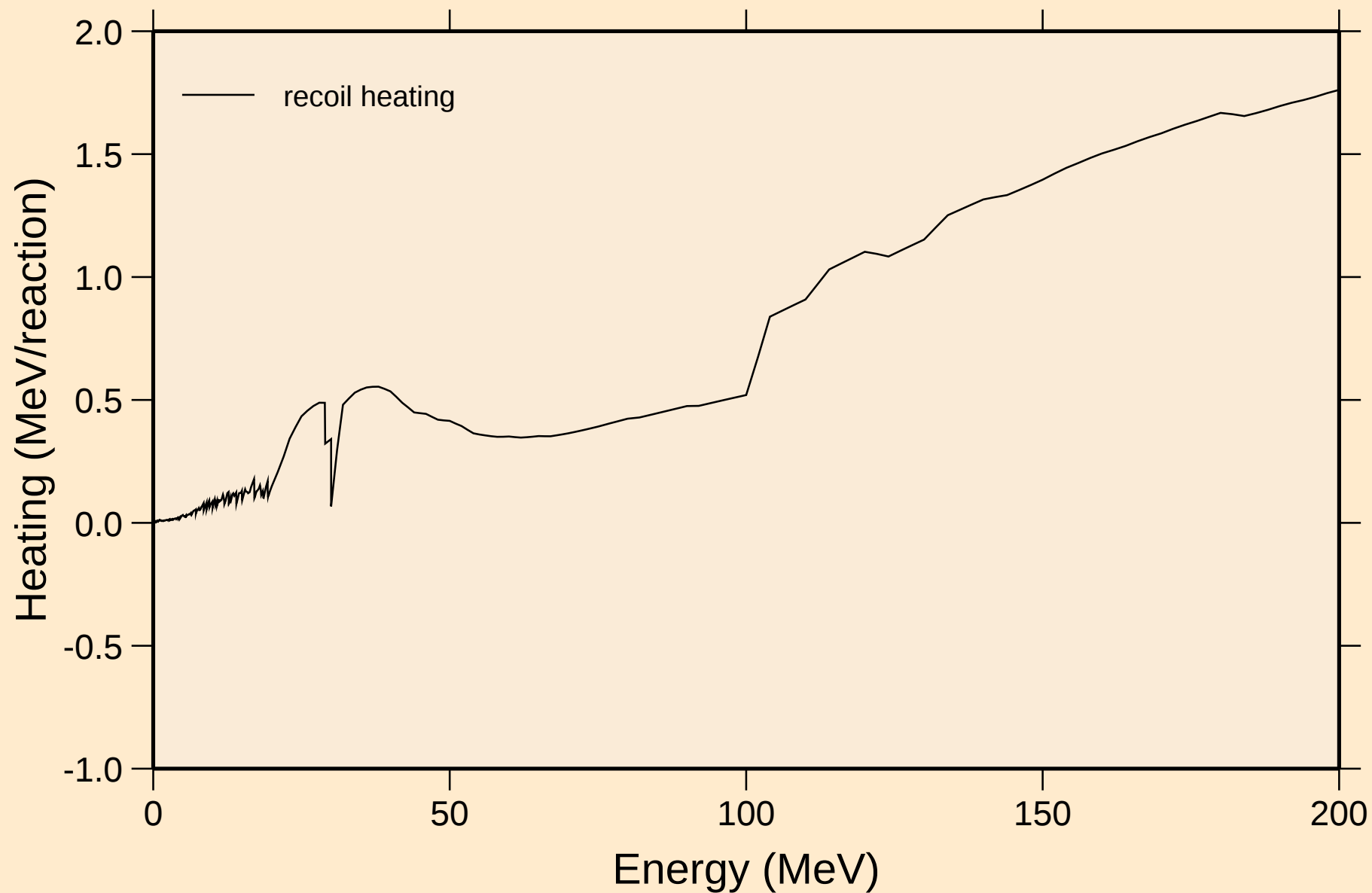


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

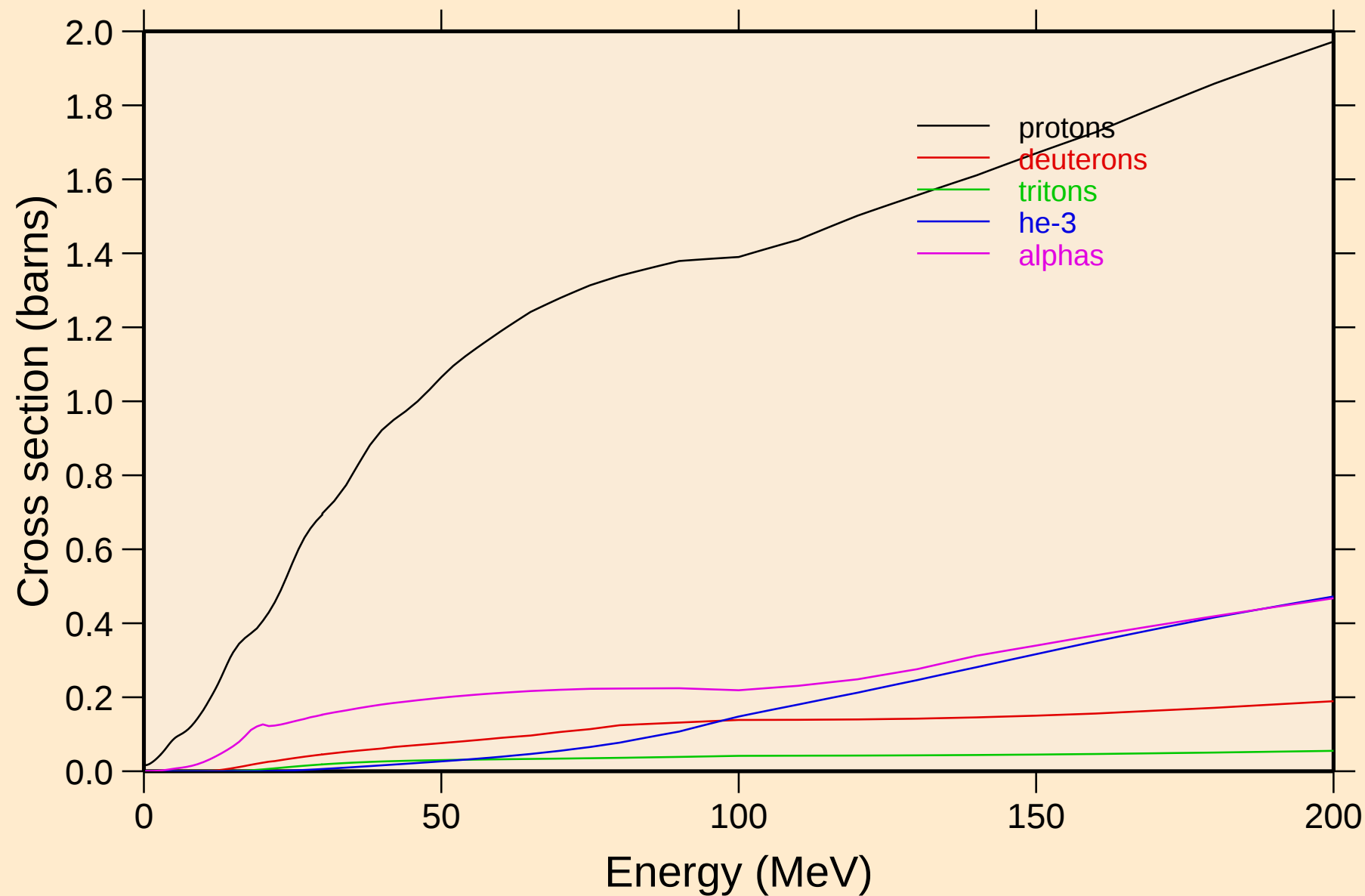


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

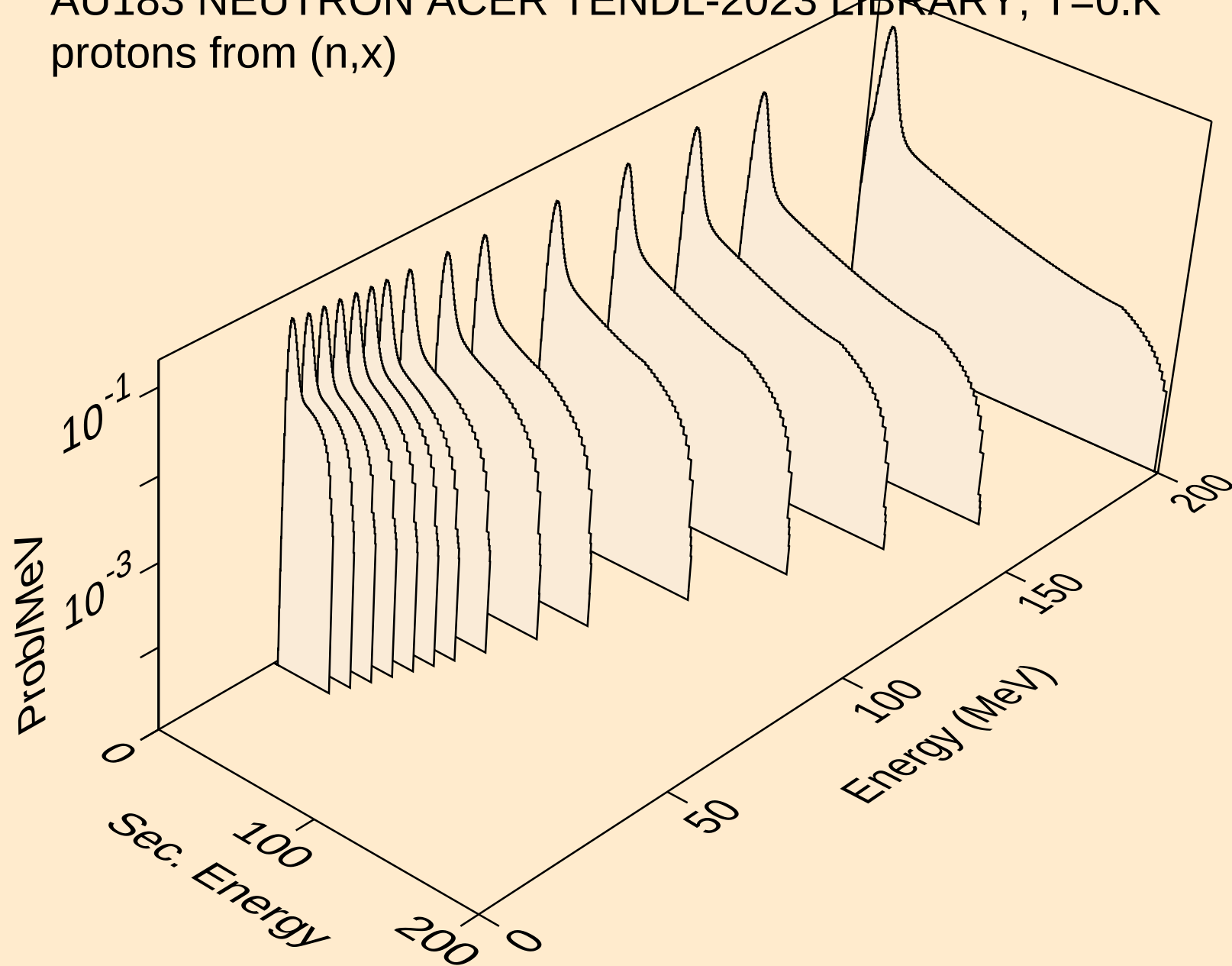


AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

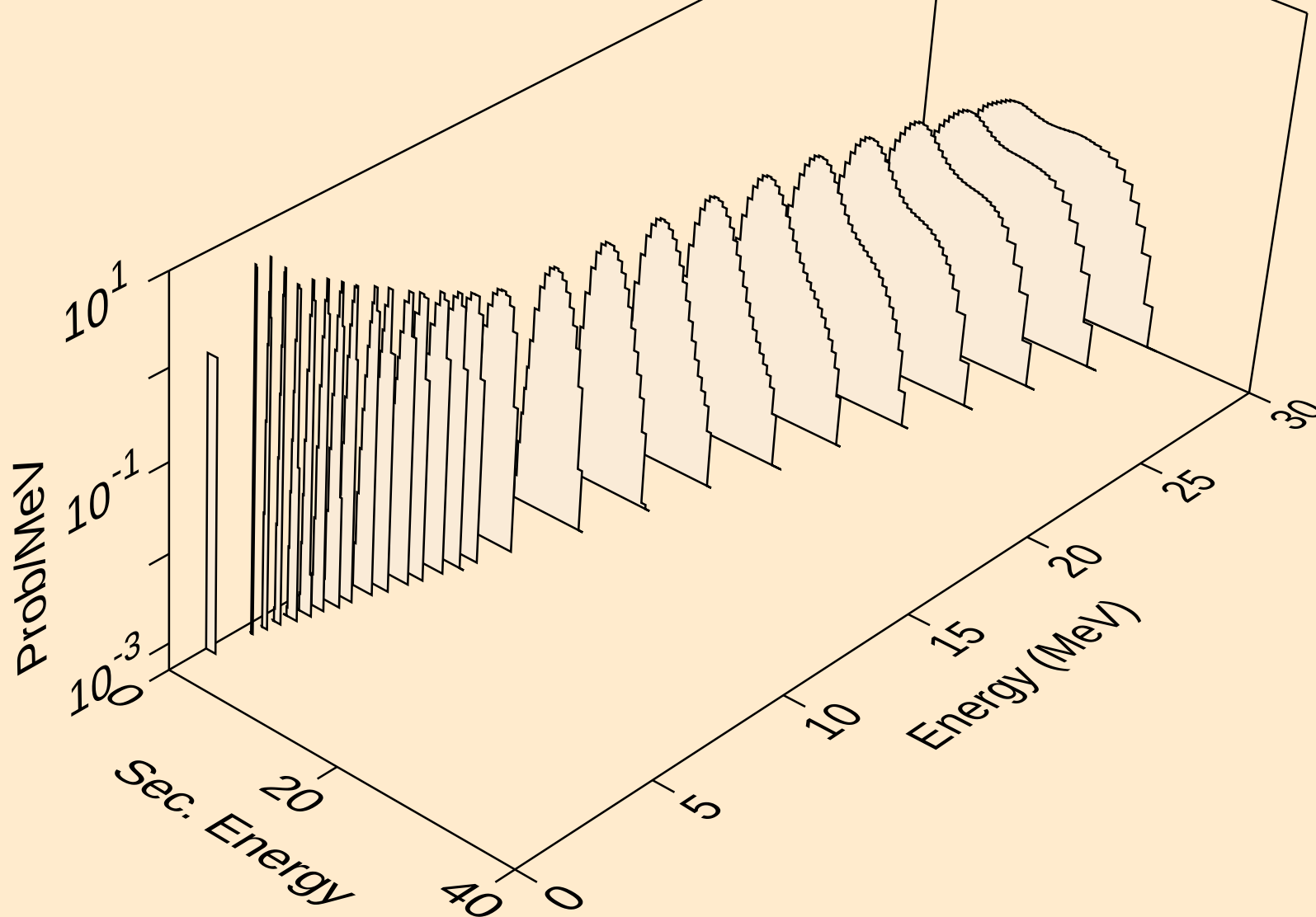
Particle production cross sections



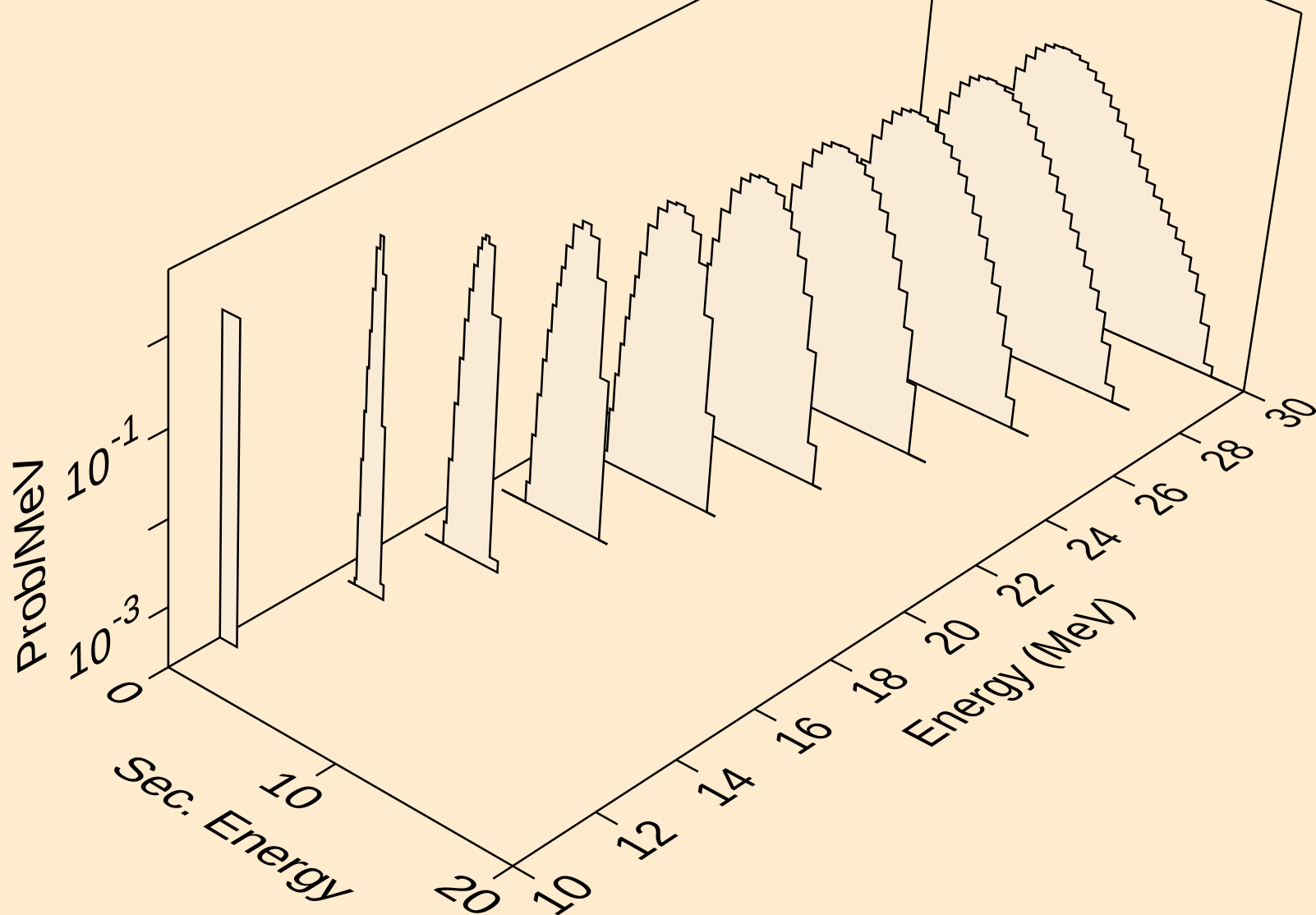
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



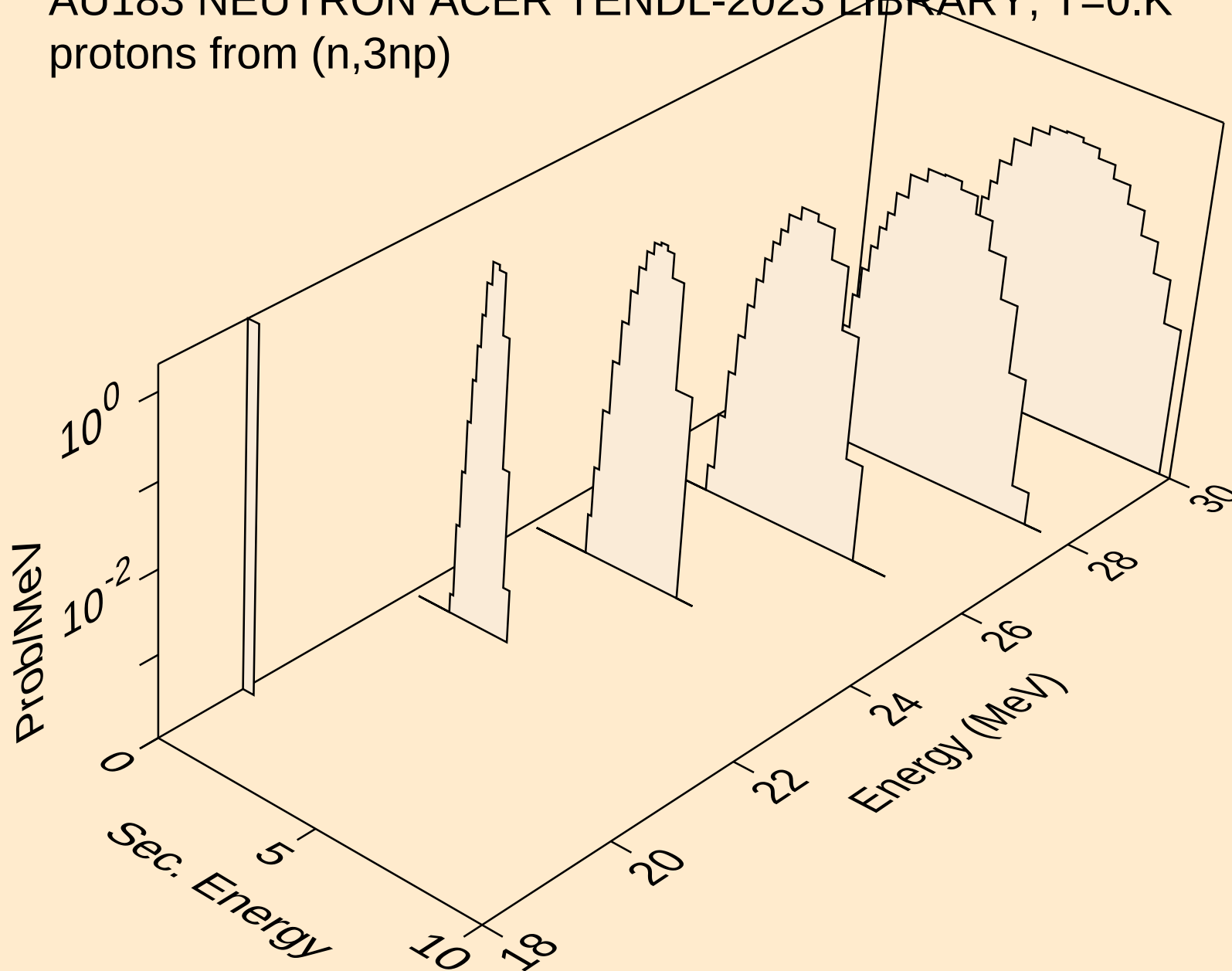
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



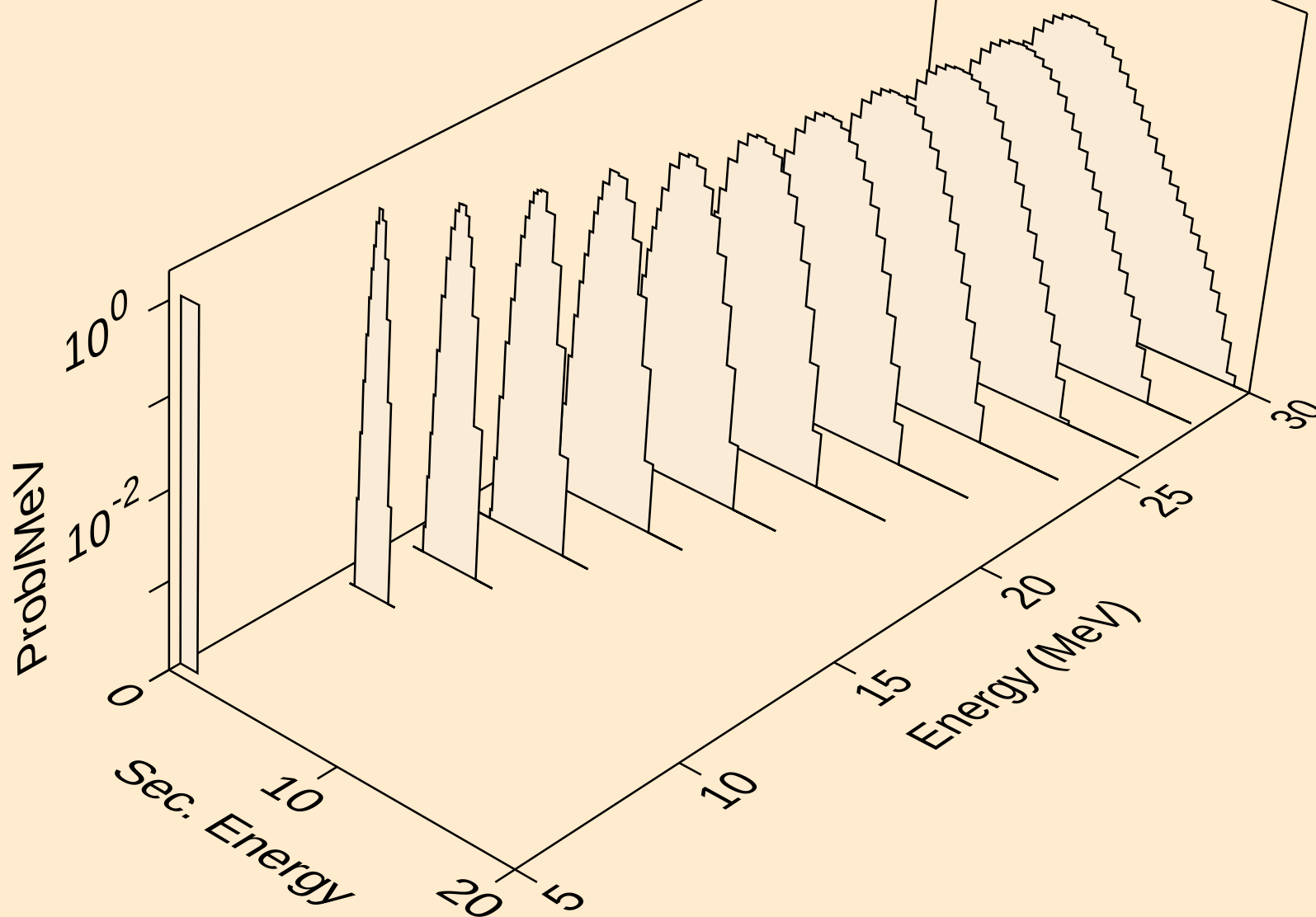
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protons from (n,2np)



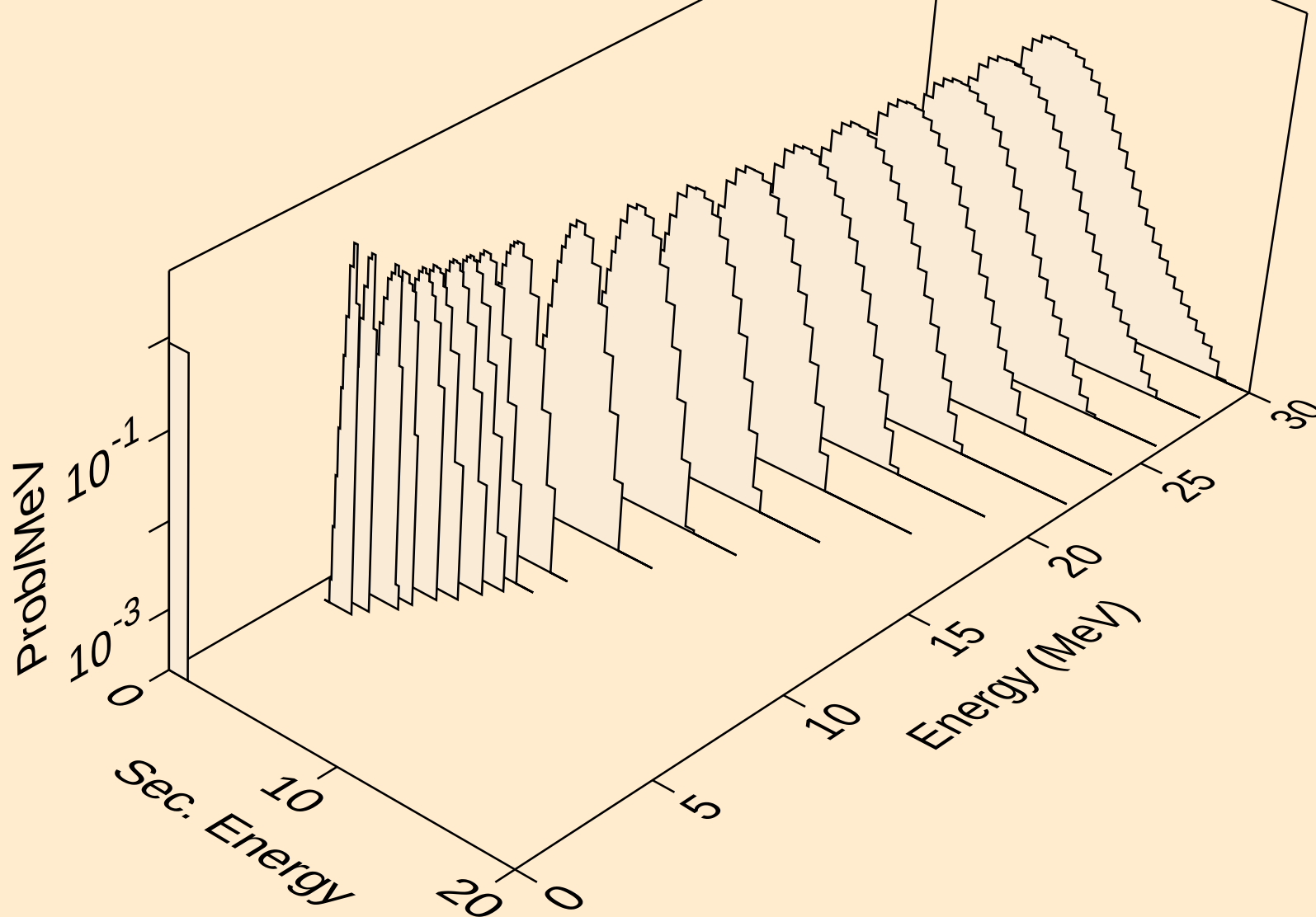
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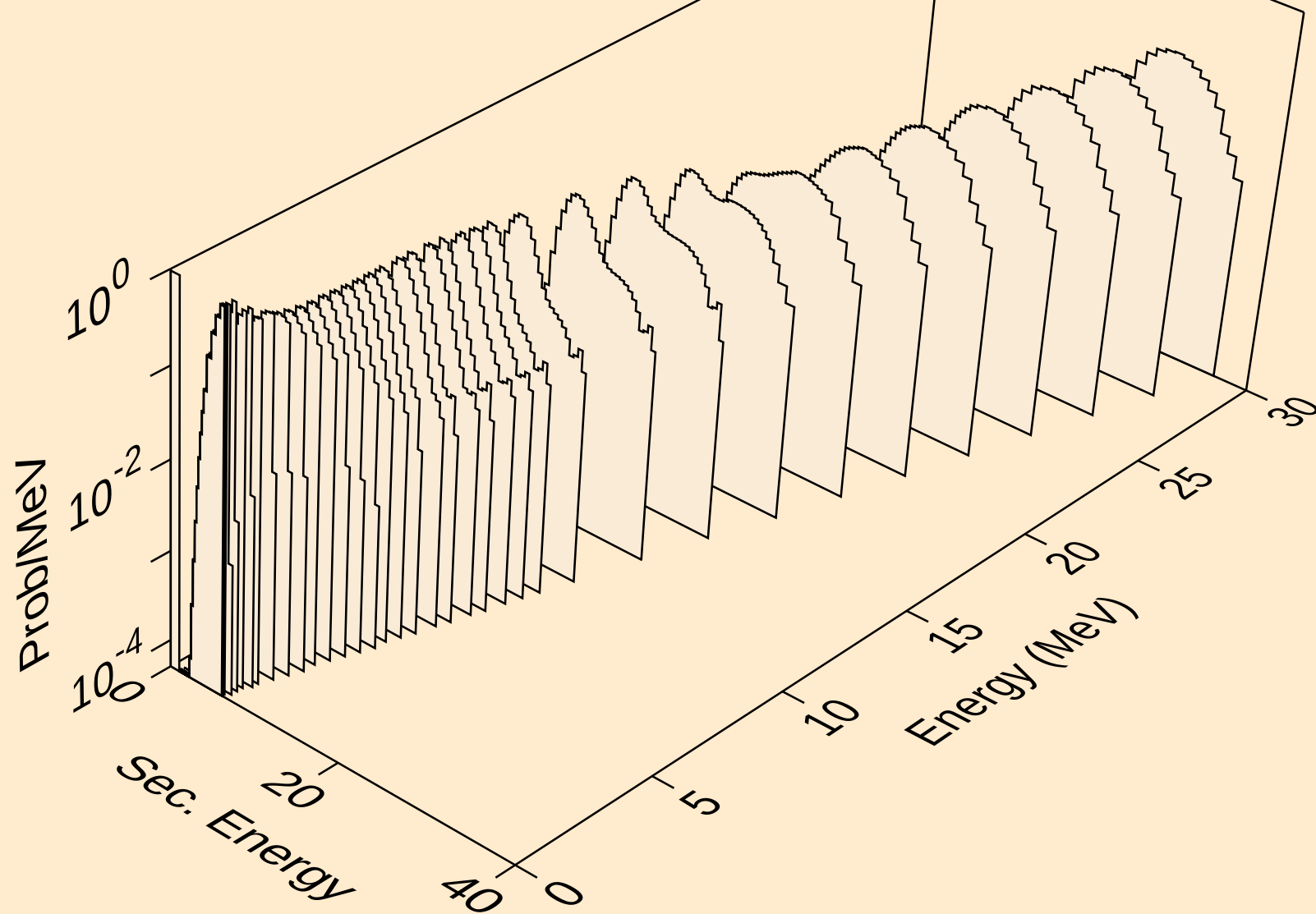
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protons from (n,n2p)



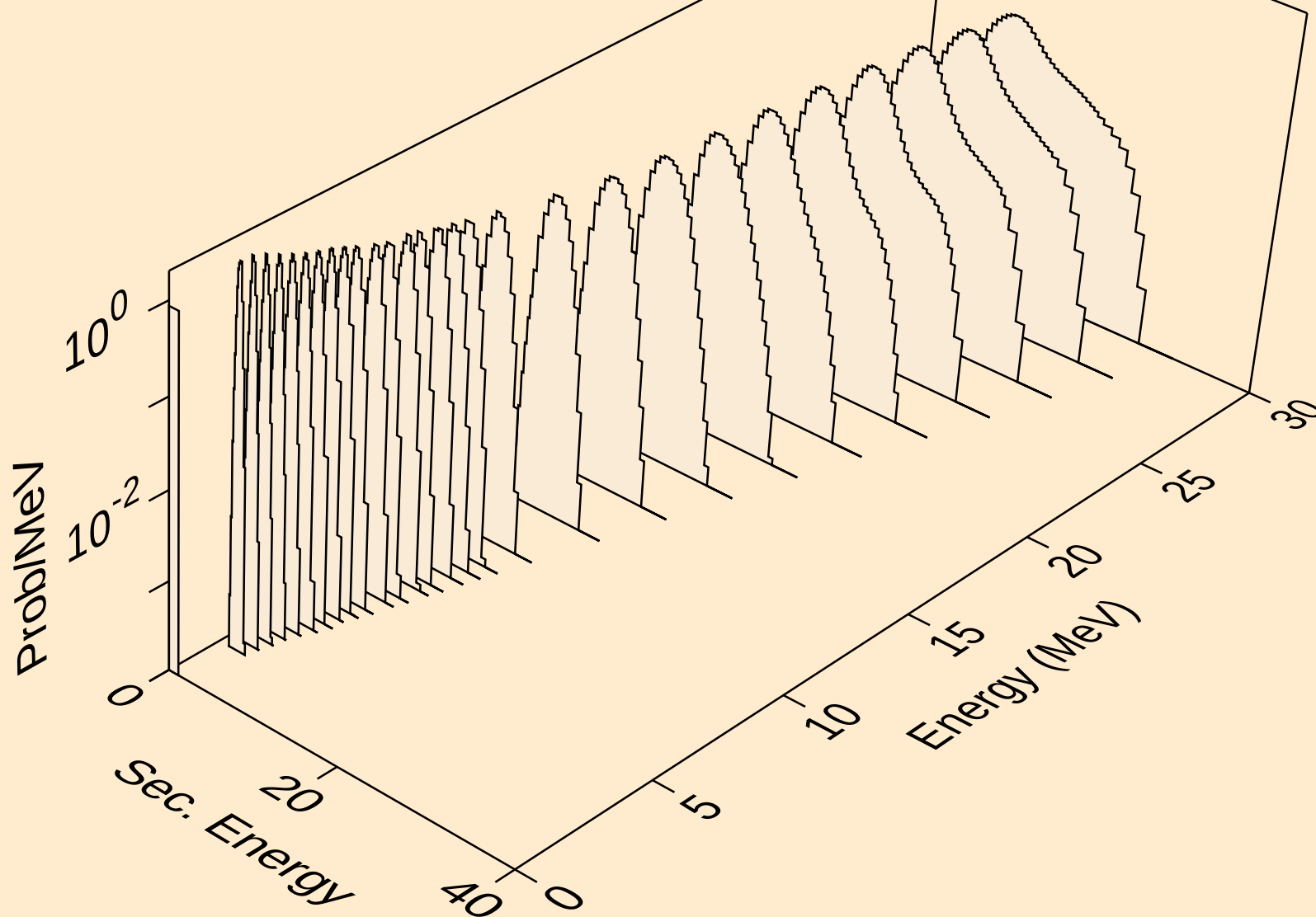
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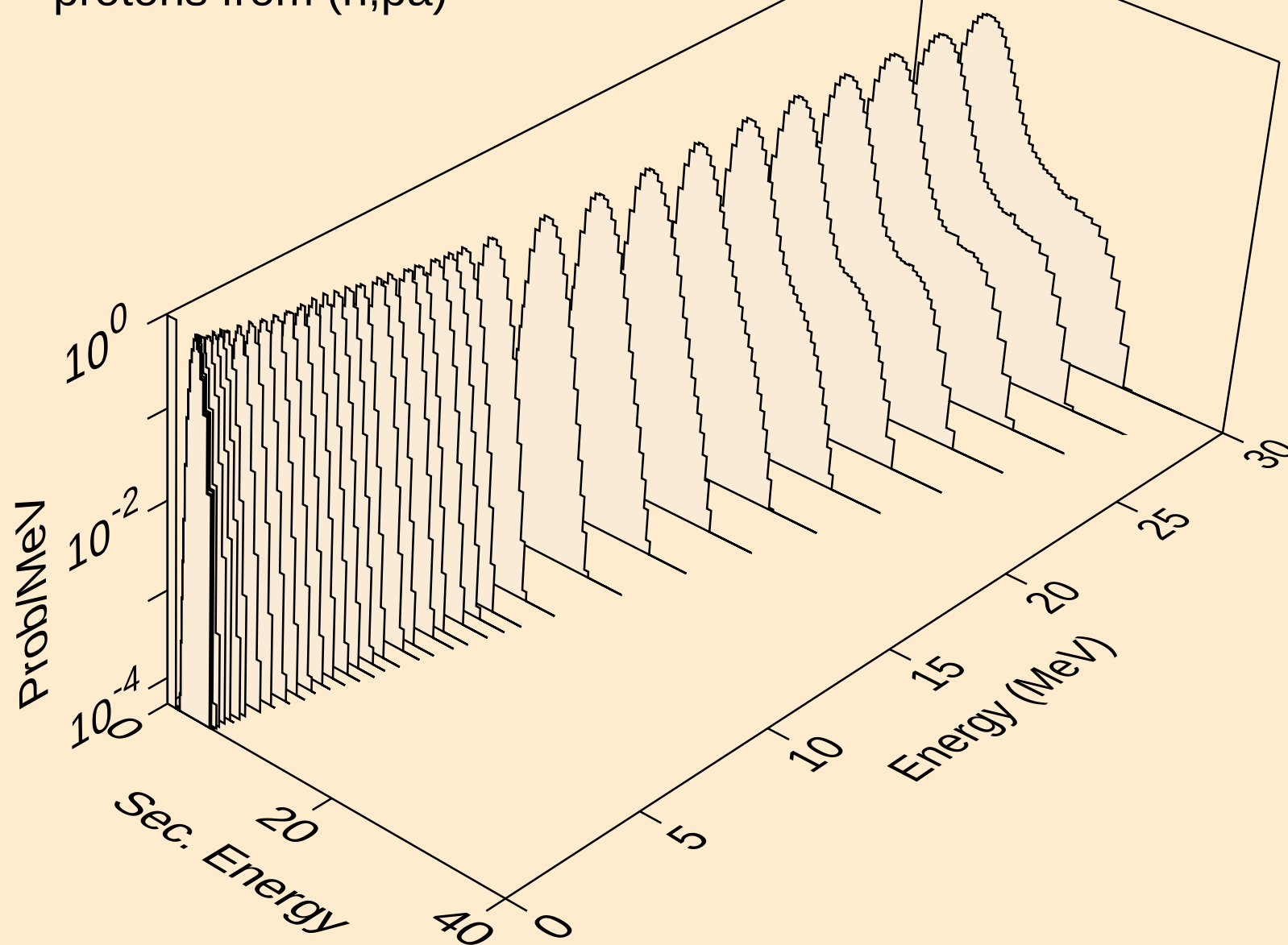
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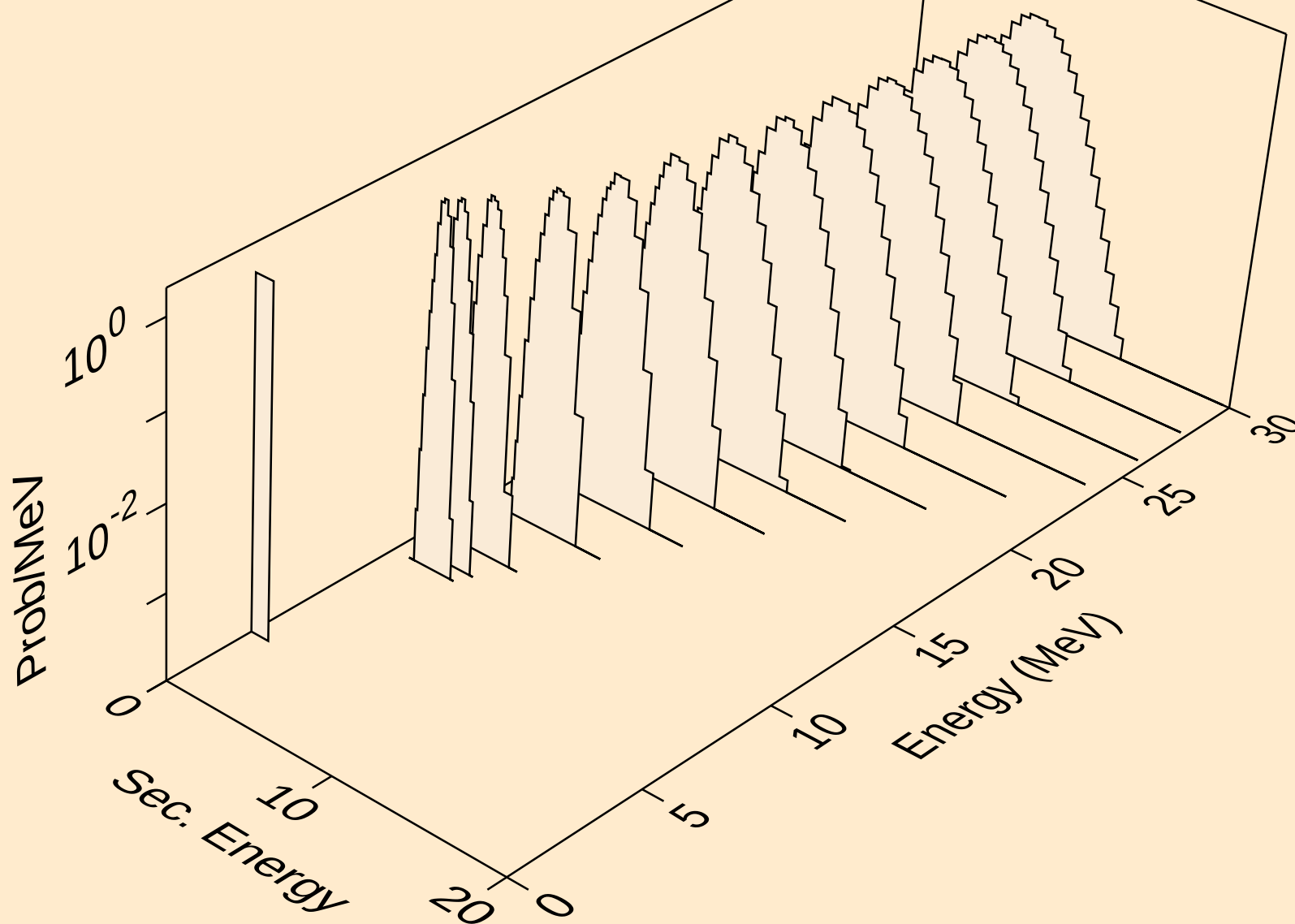
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protons from (n,2p)



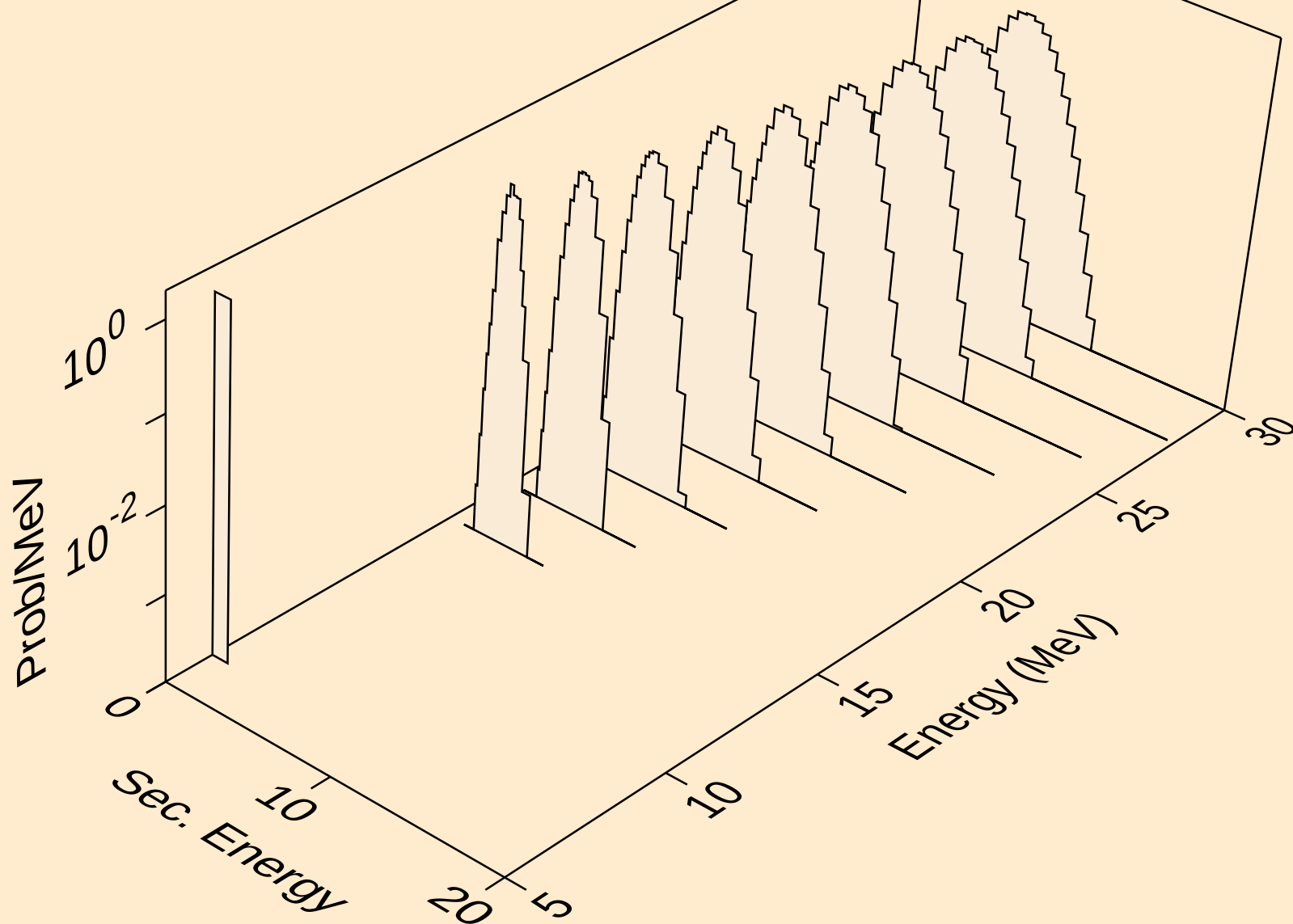
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protons from (n,p)



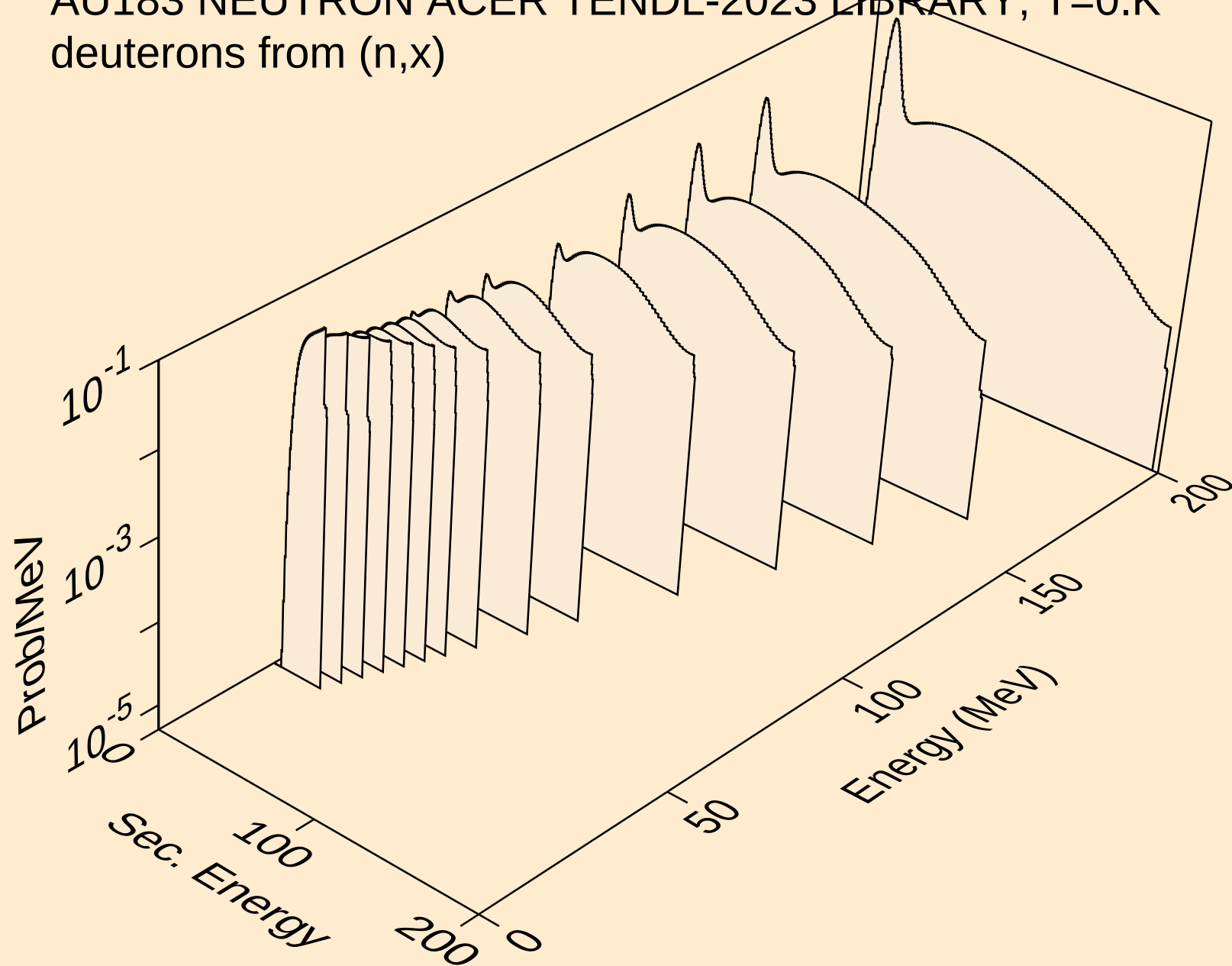
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protons from (n,pd)



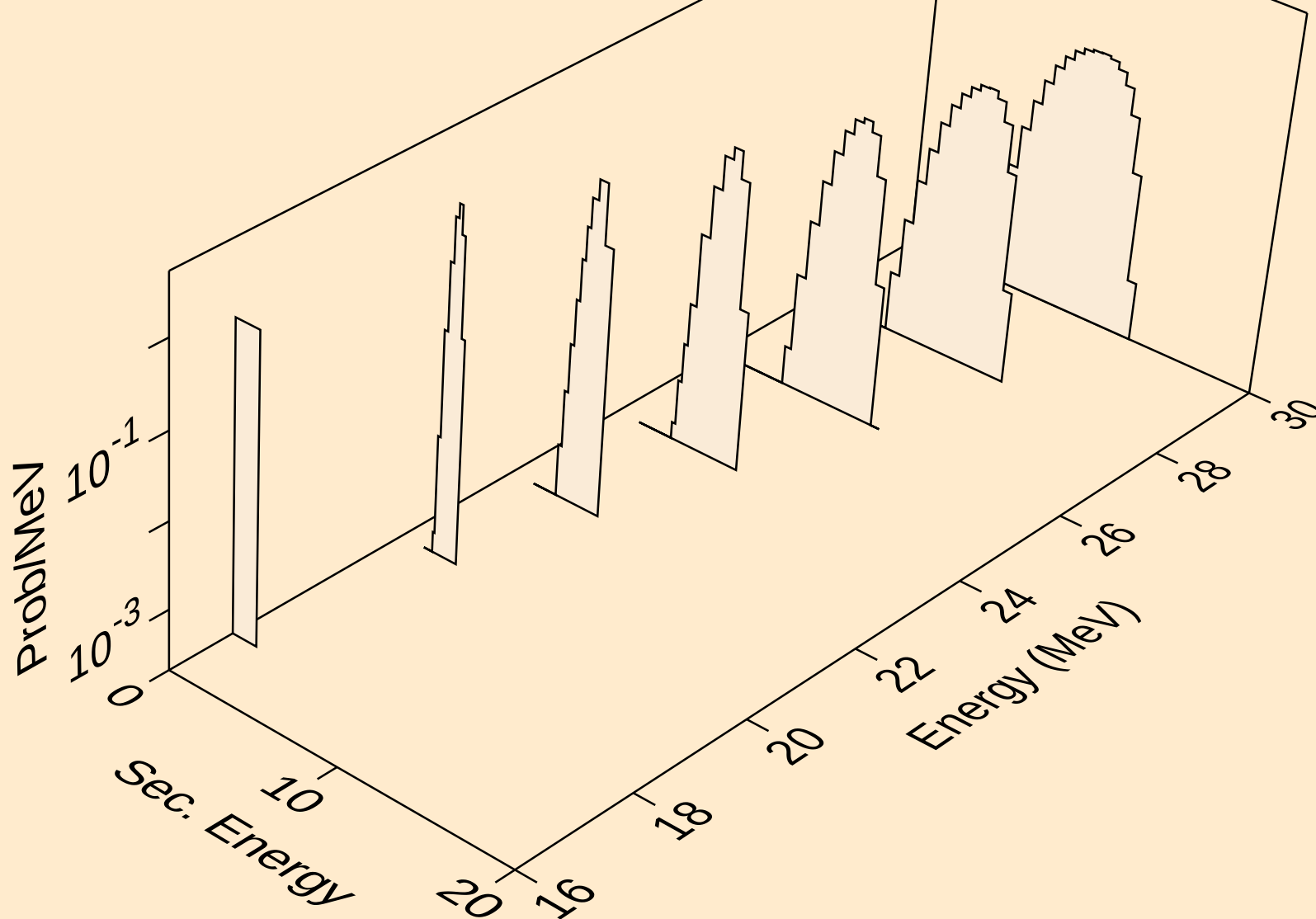
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protons from (n,pt)



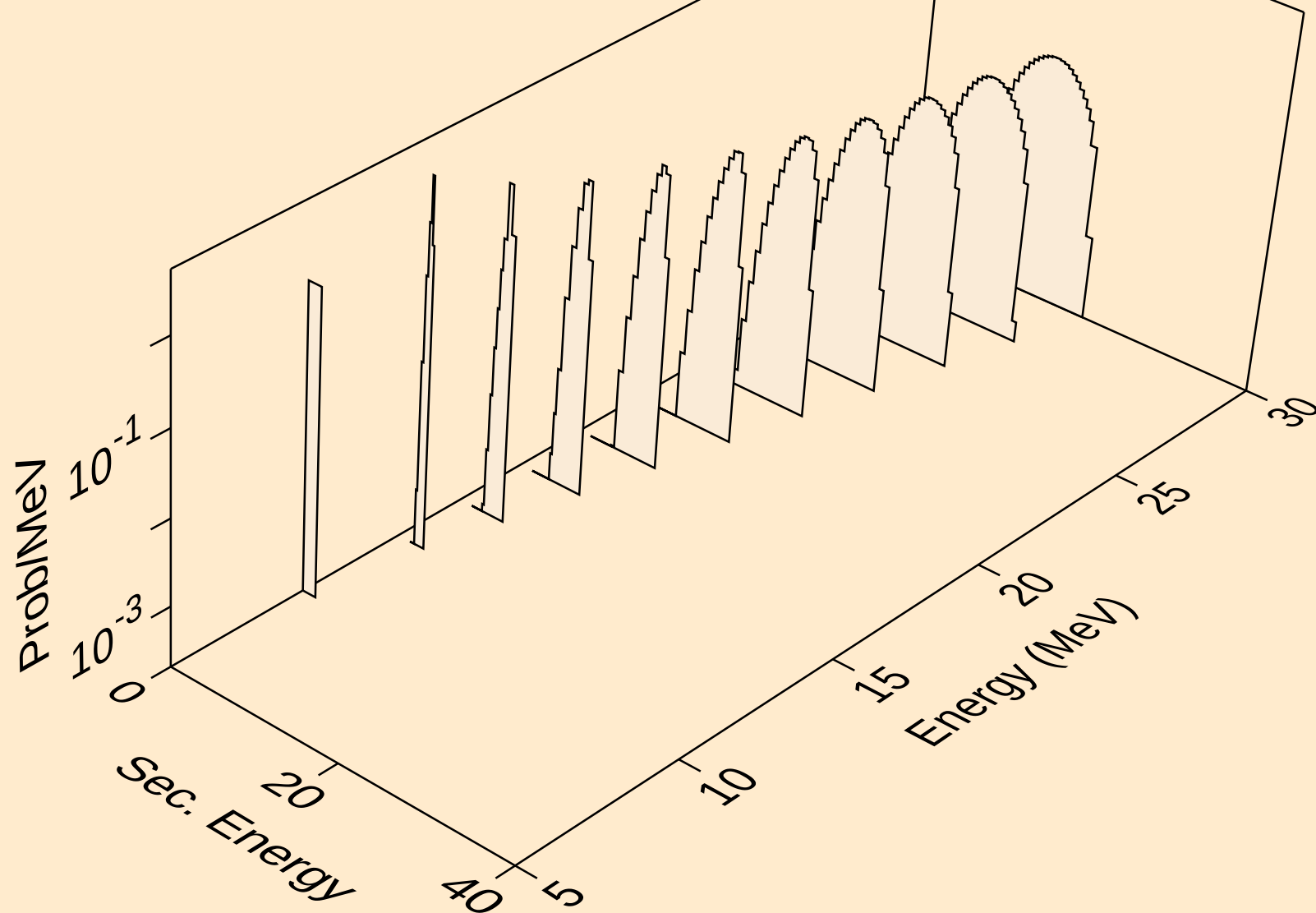
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



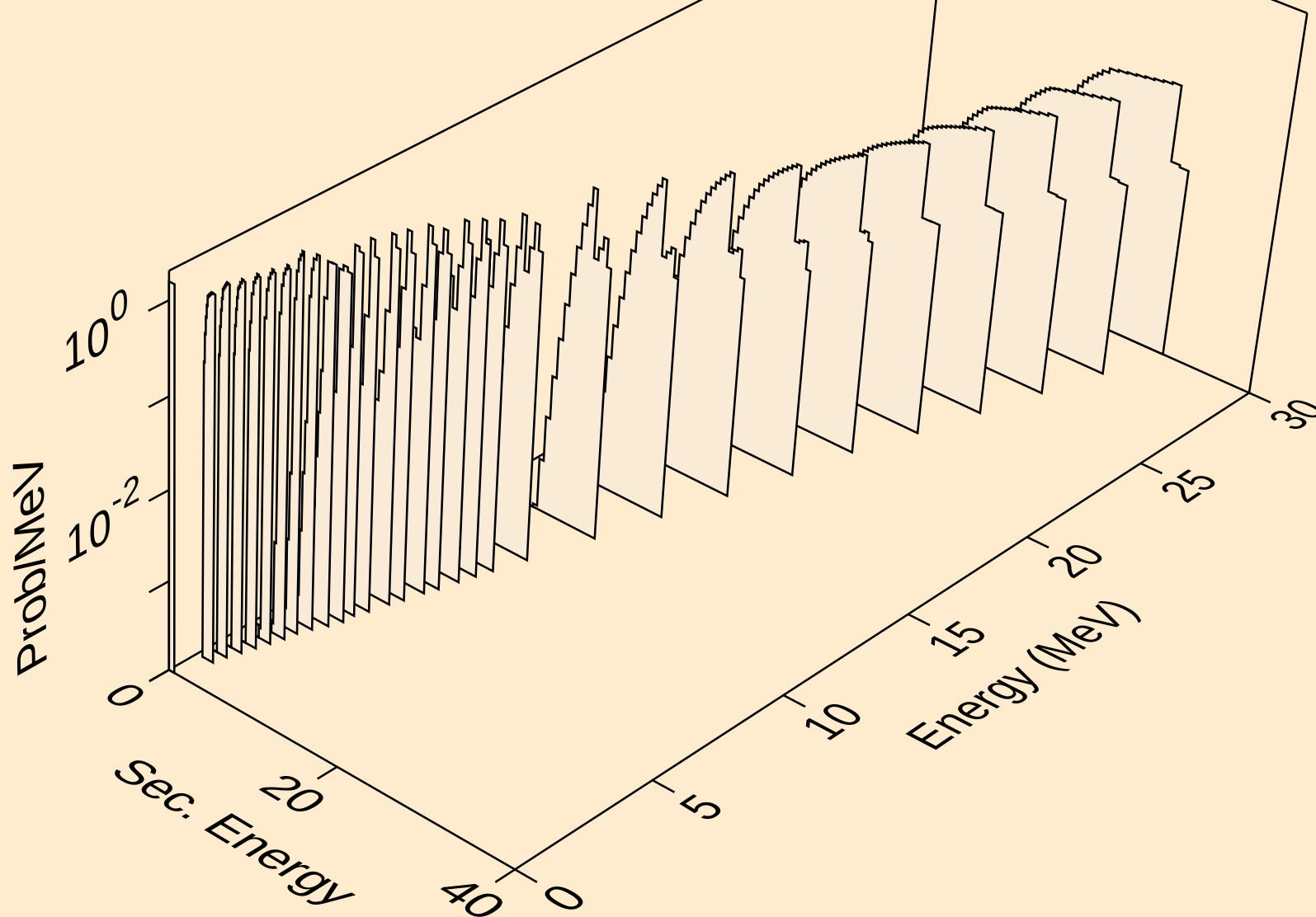
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deuterons from (n,2nd)



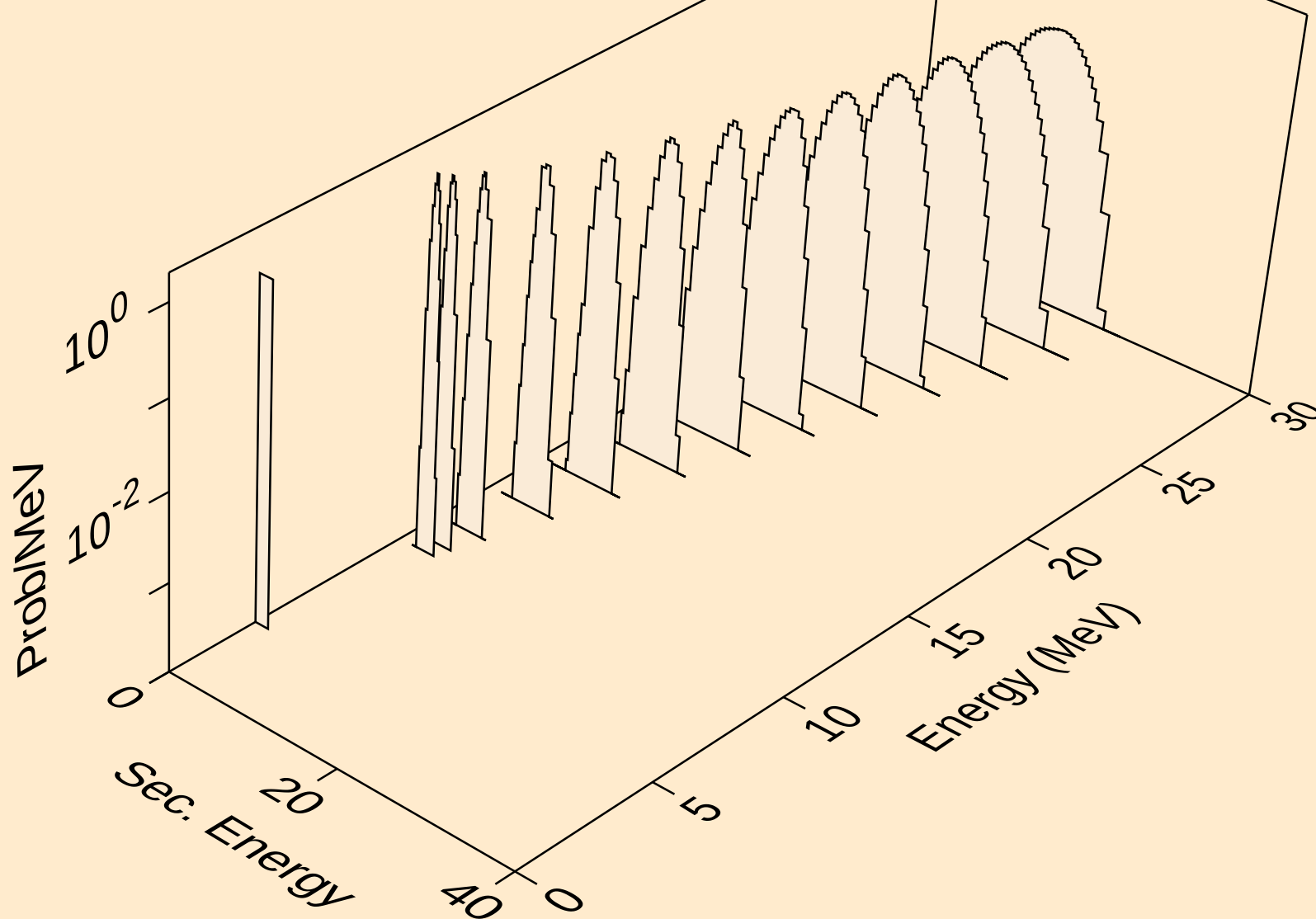
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deuterons from (n,n*)d



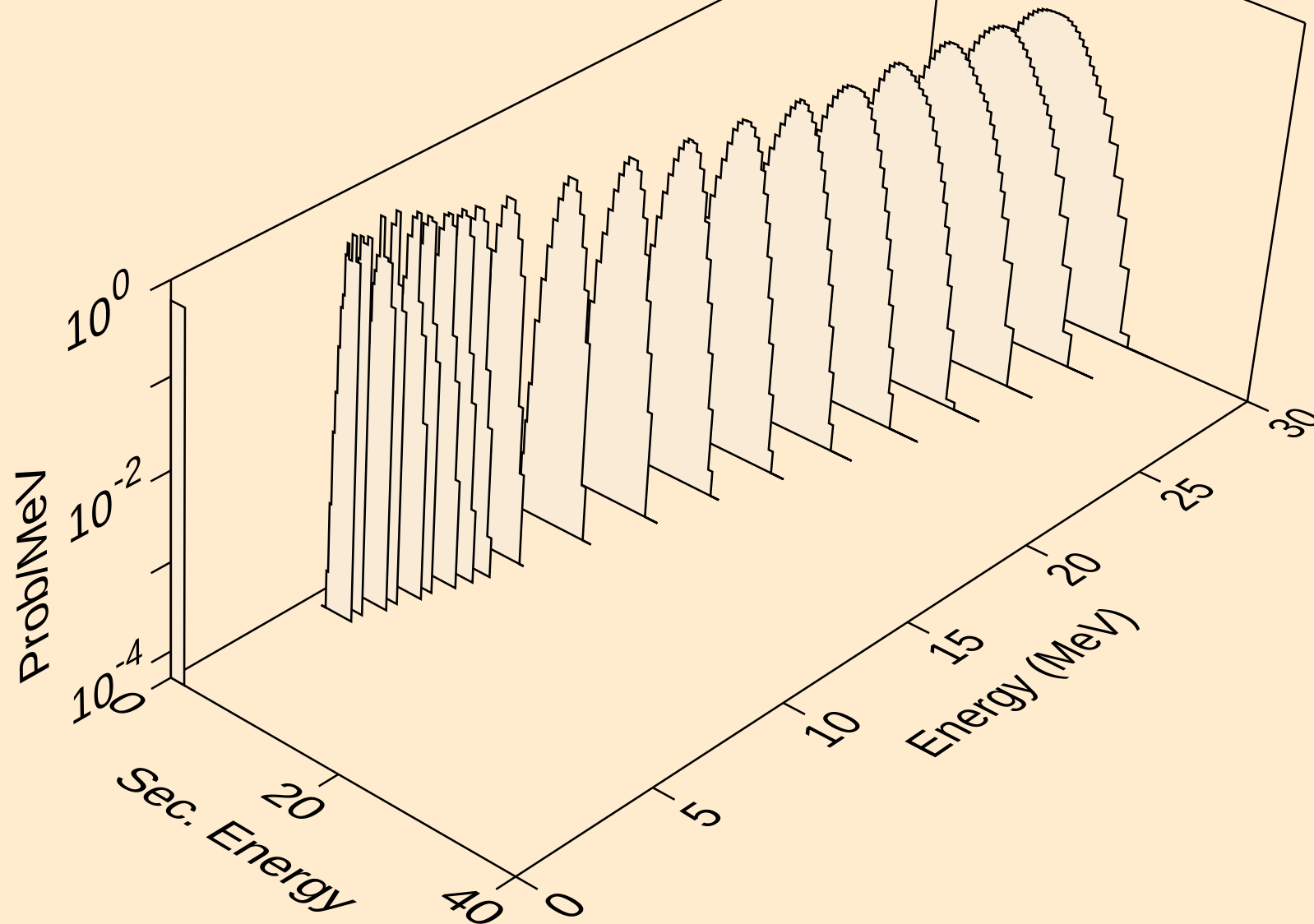
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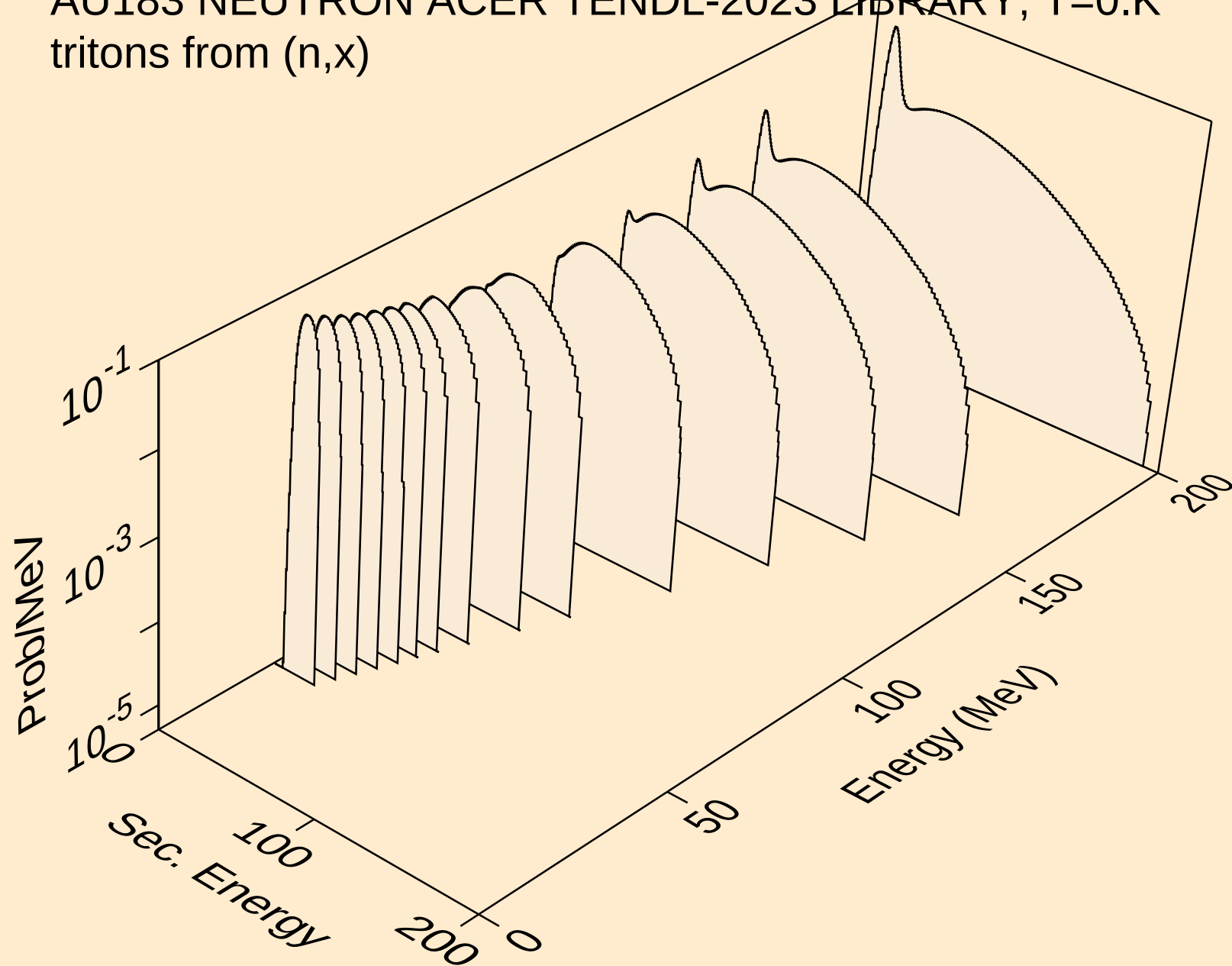
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deuterons from (n,pd)



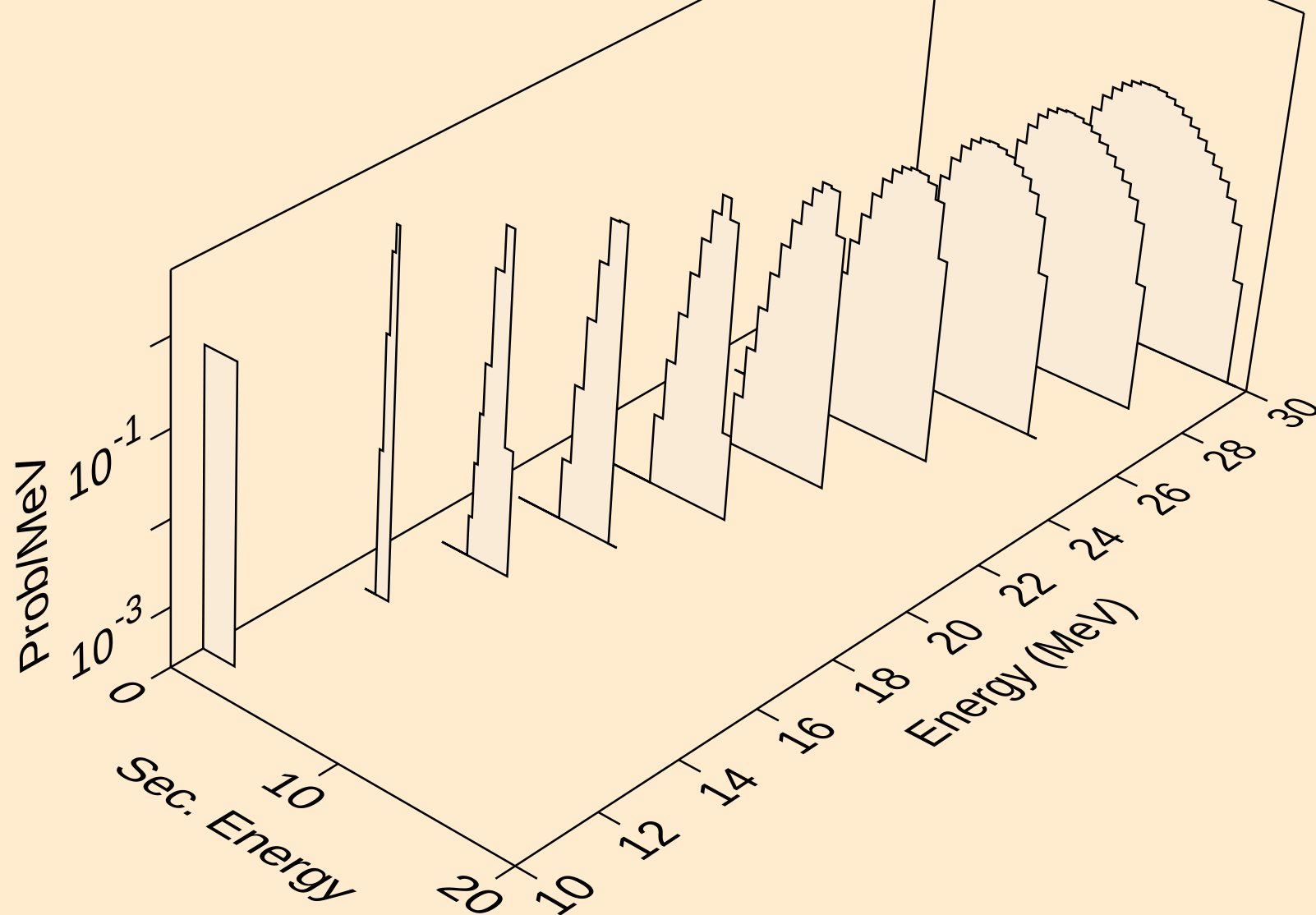
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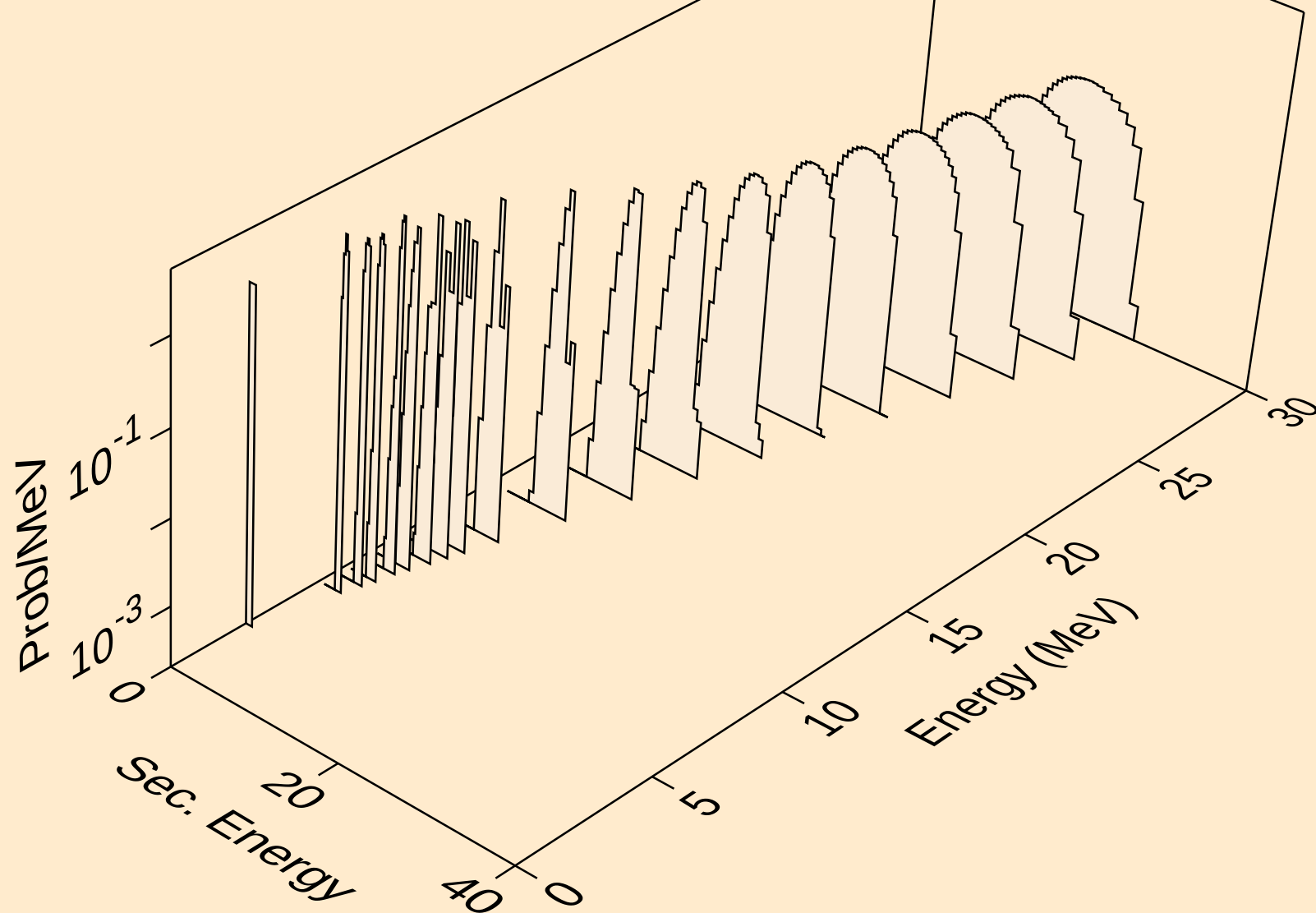
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



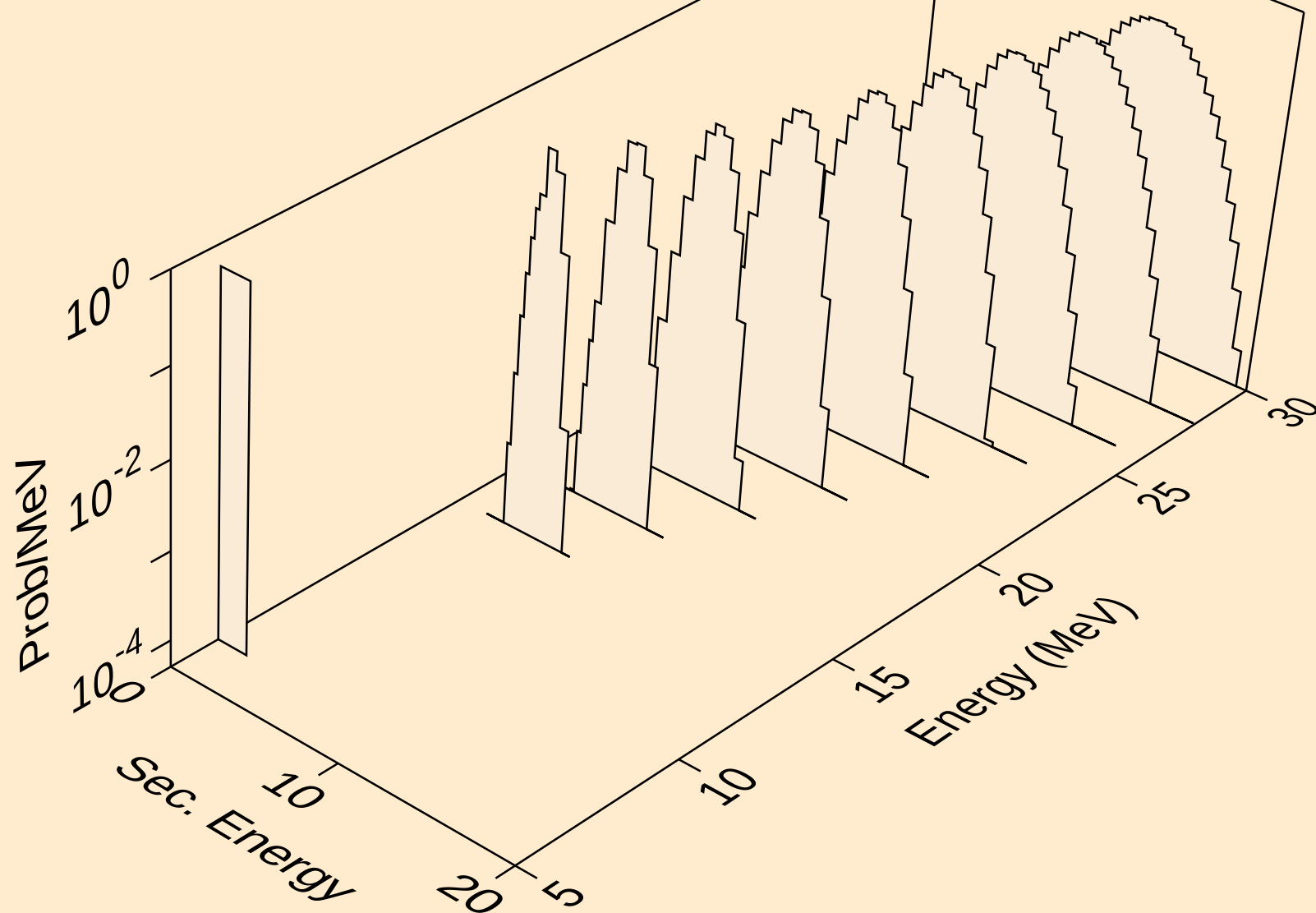
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



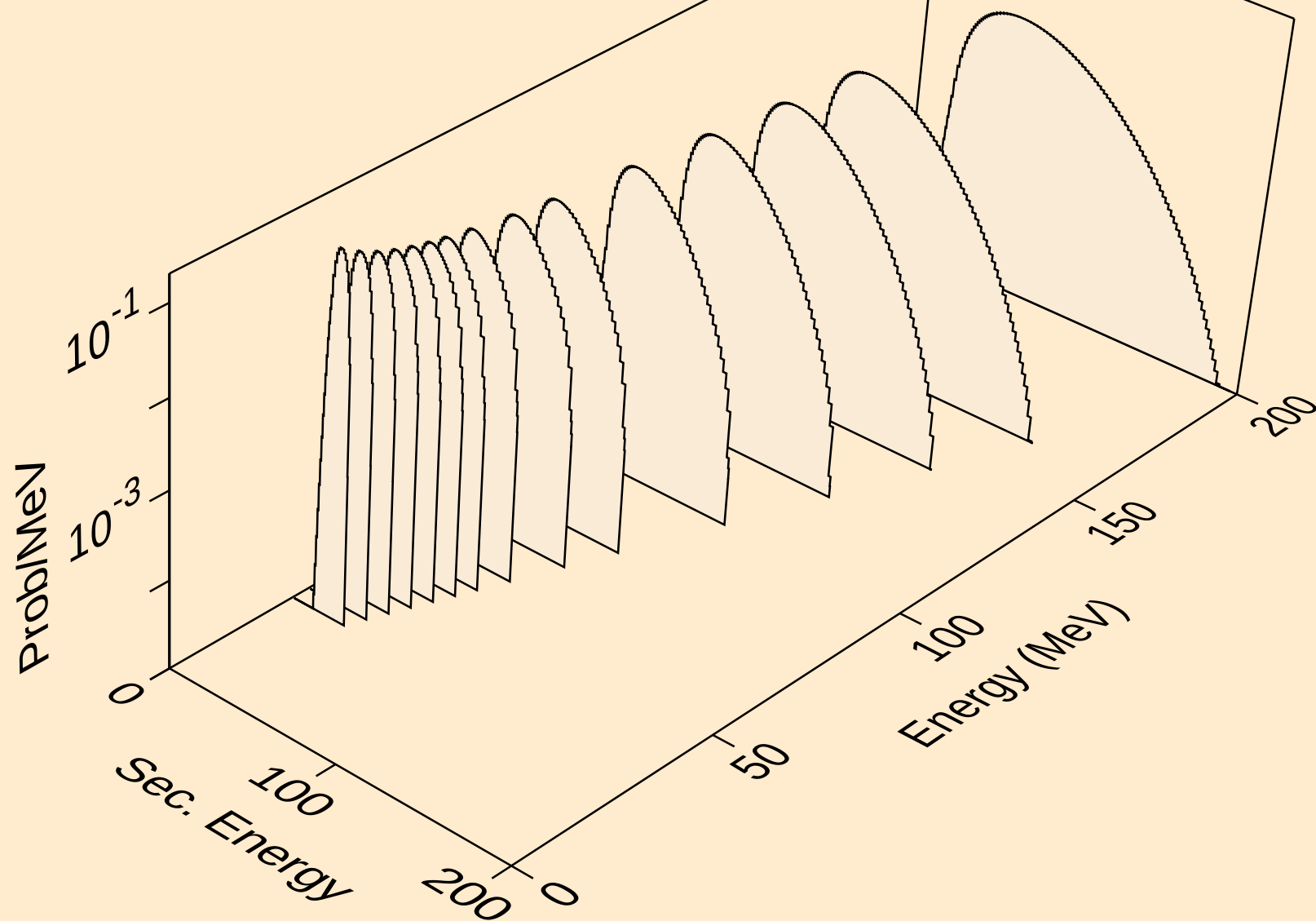
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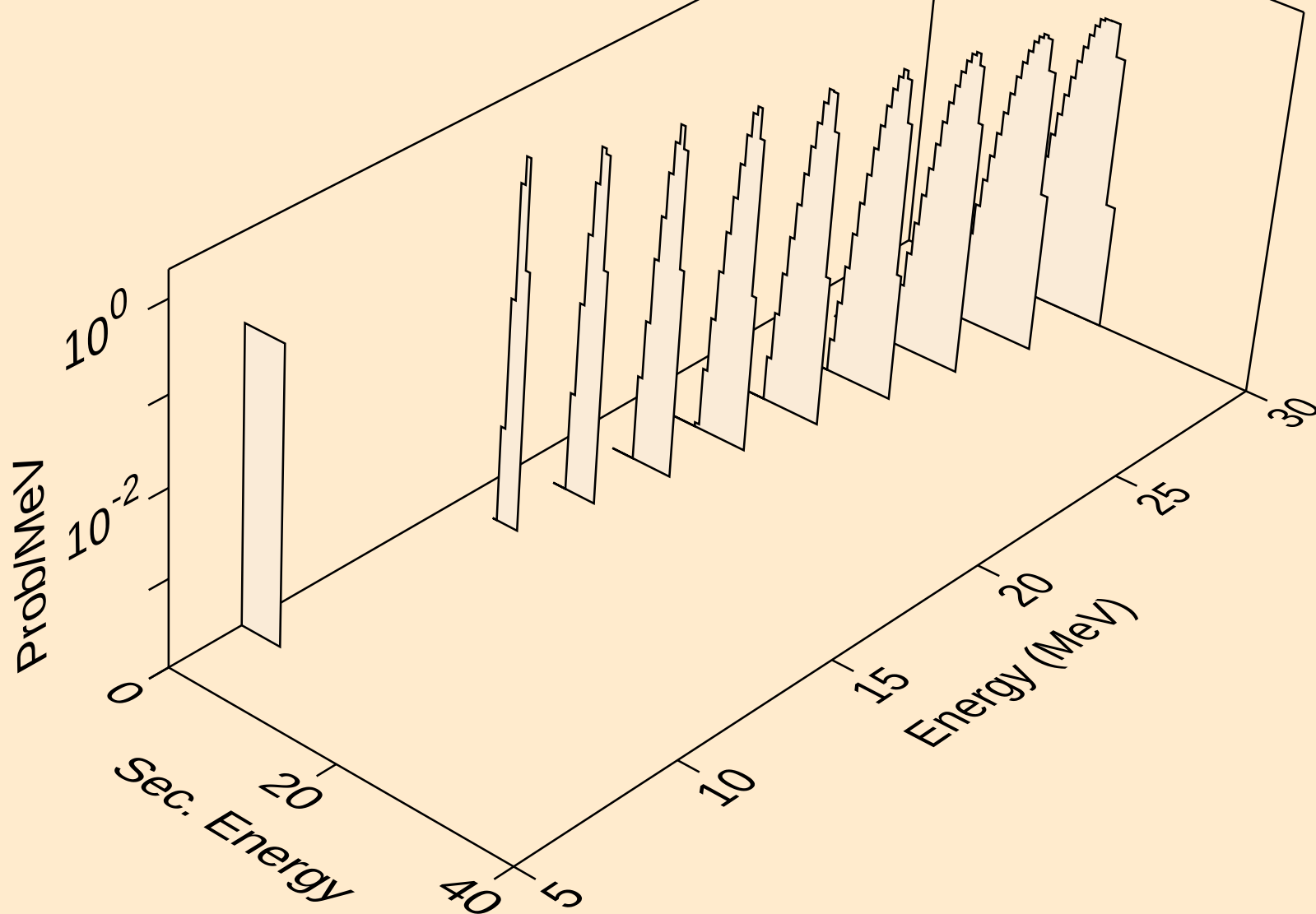
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tritons from (n,pt)



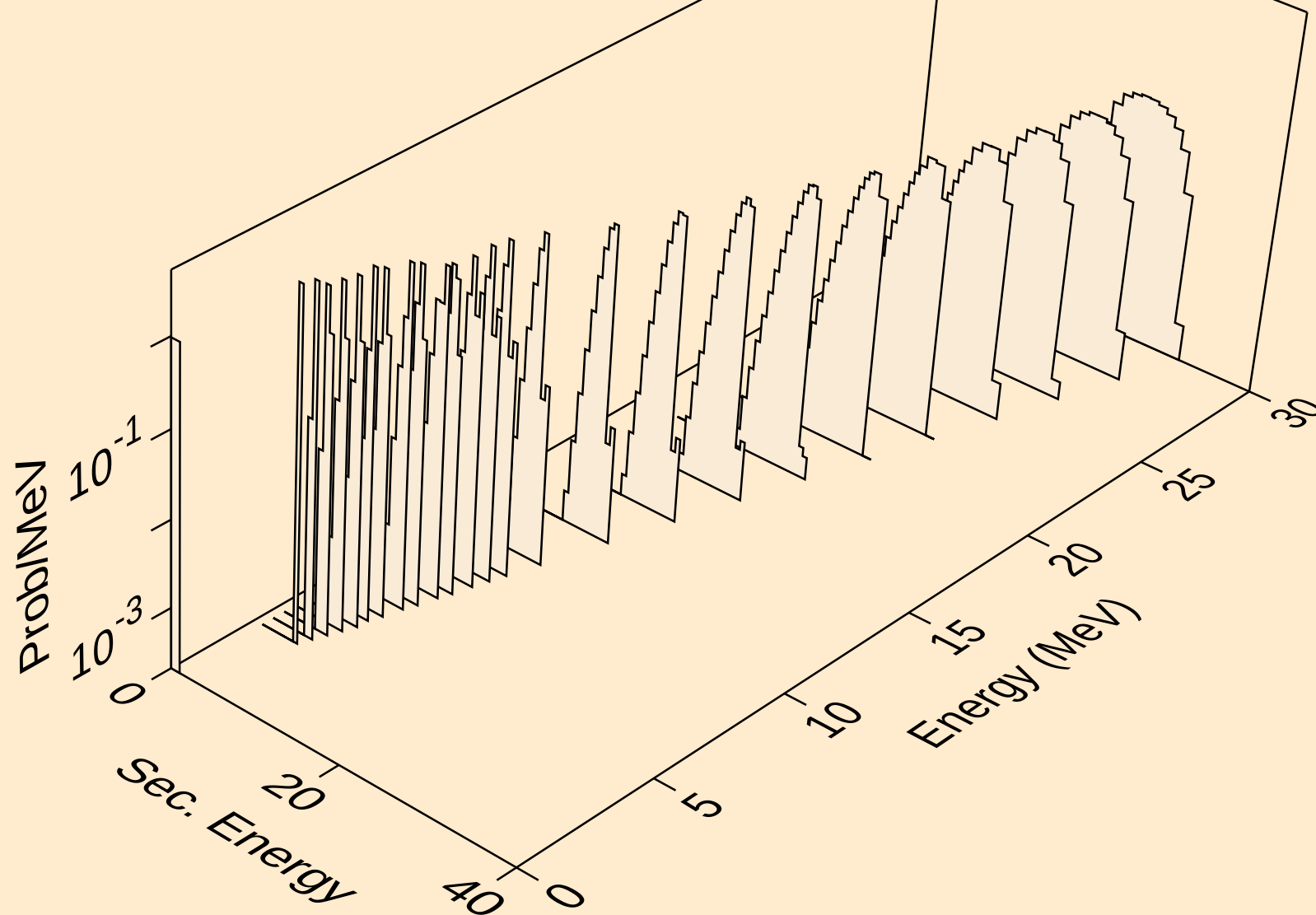
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he3s from (n,x)



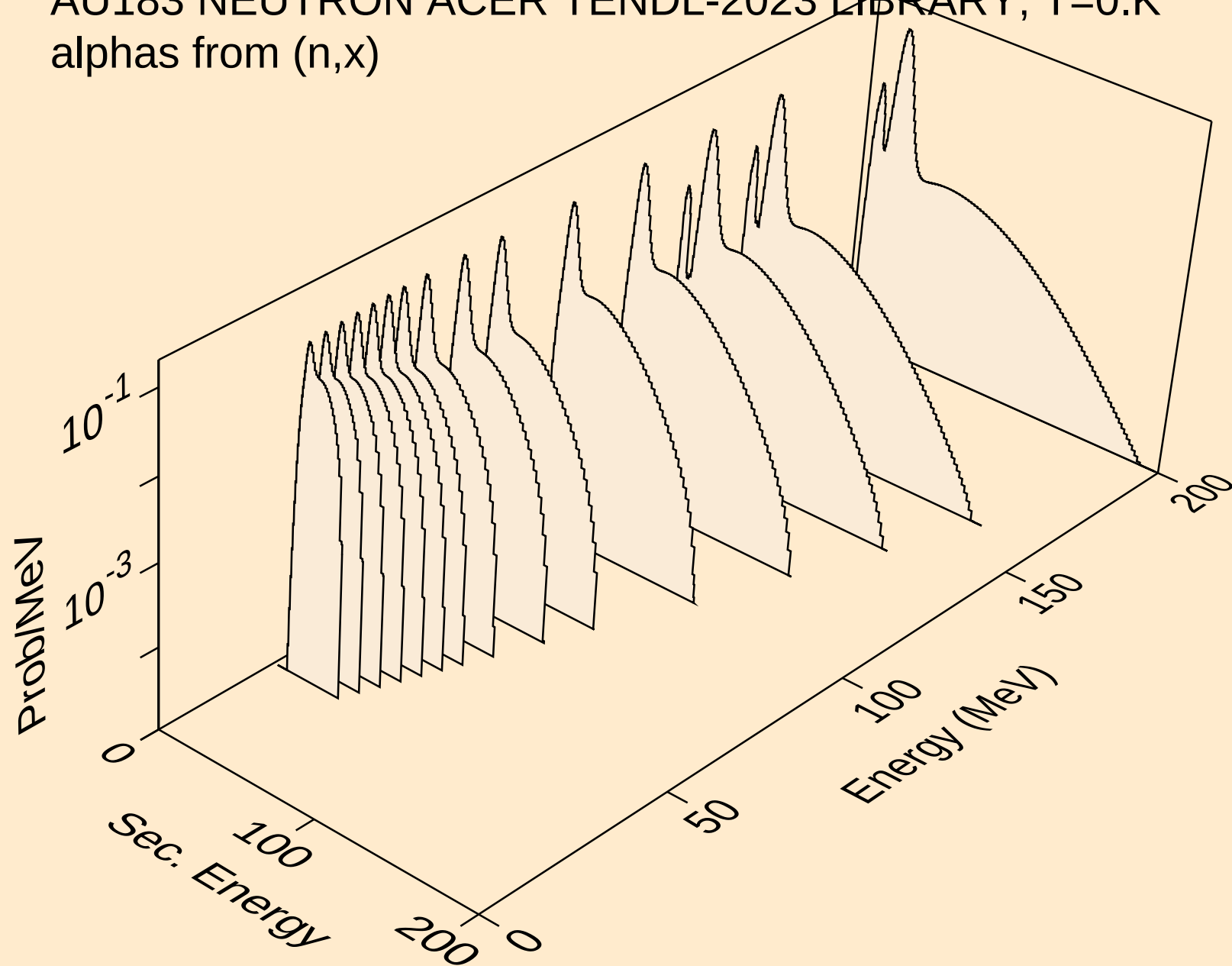
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



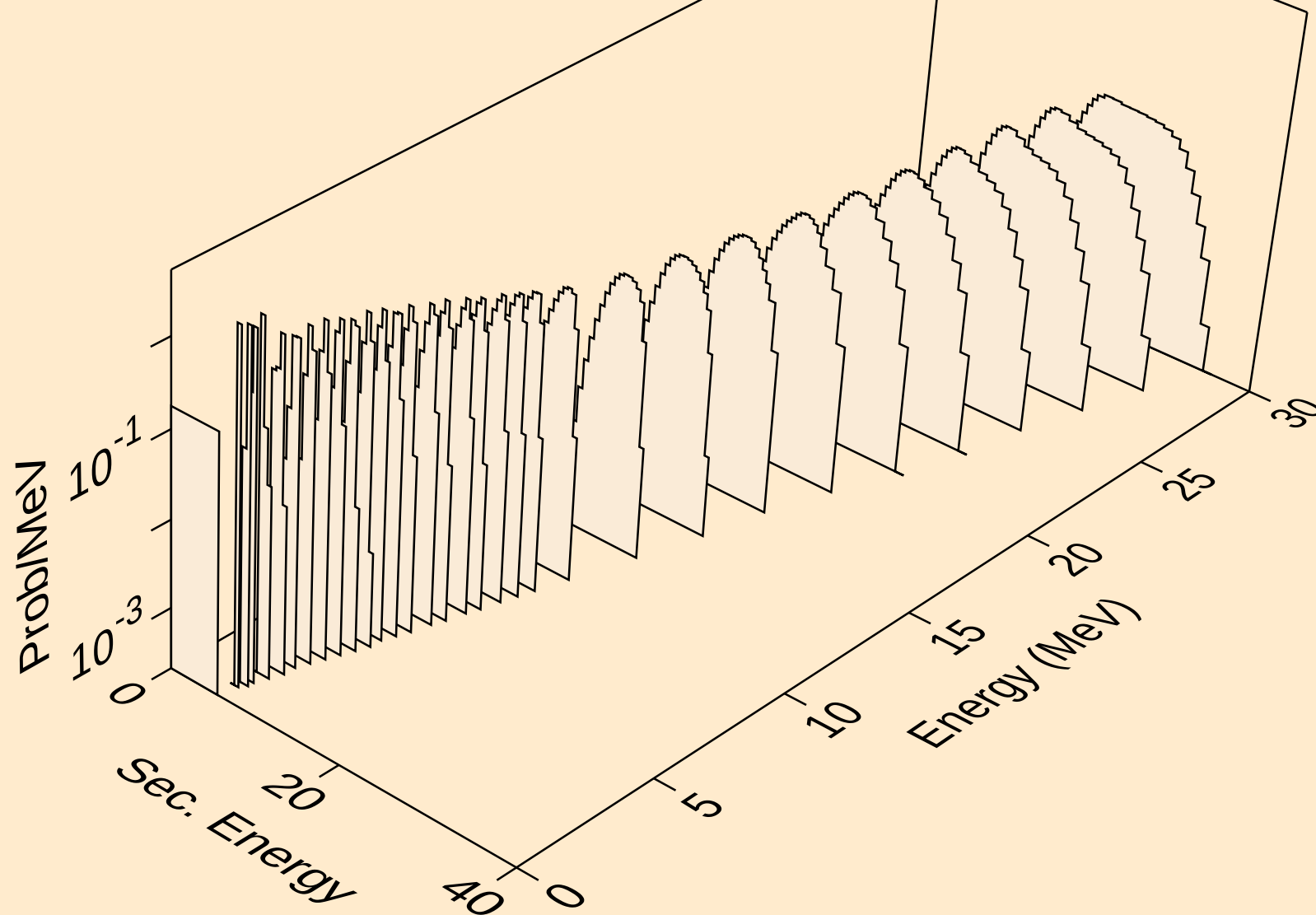
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he3s from (n,he3)



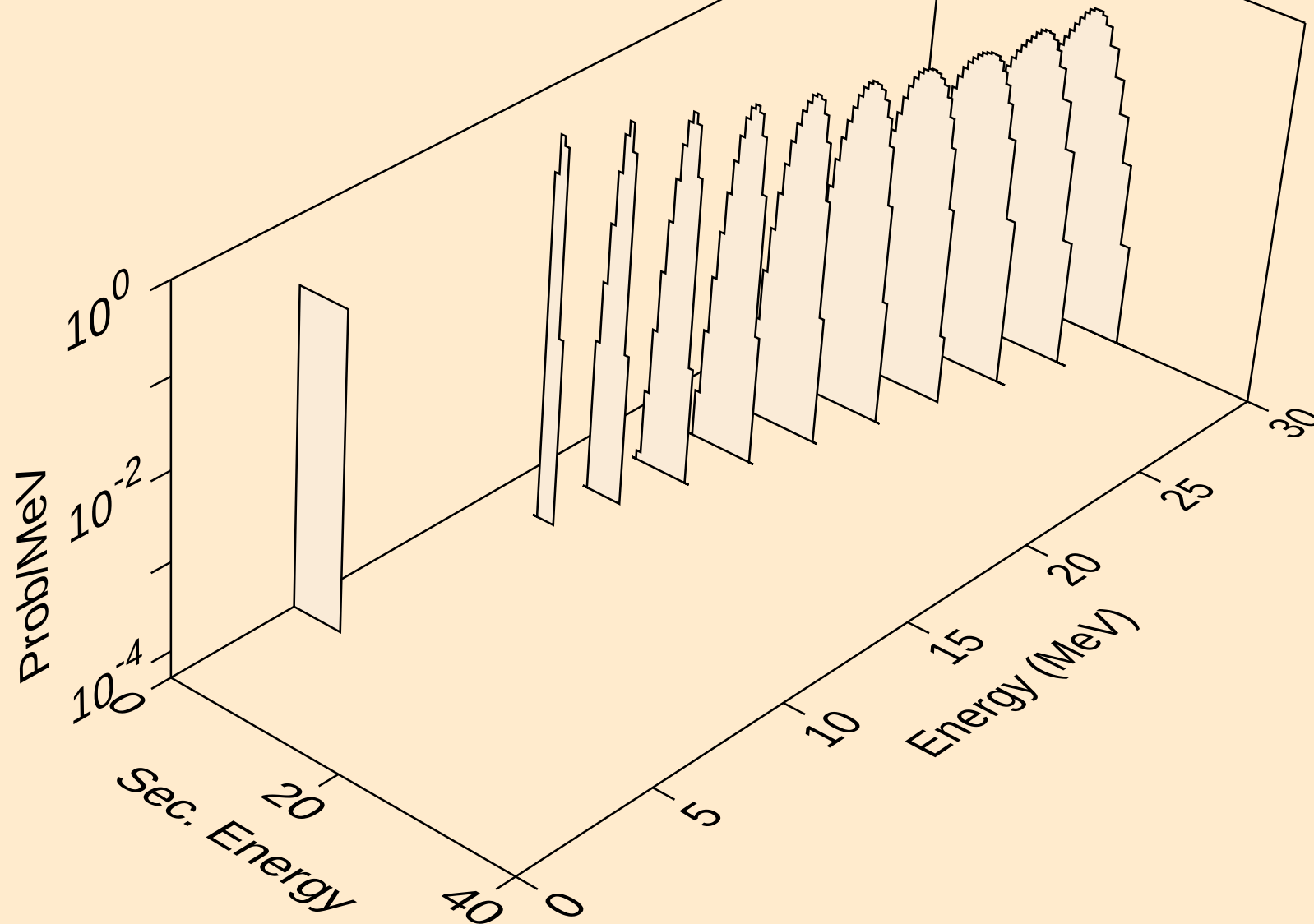
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



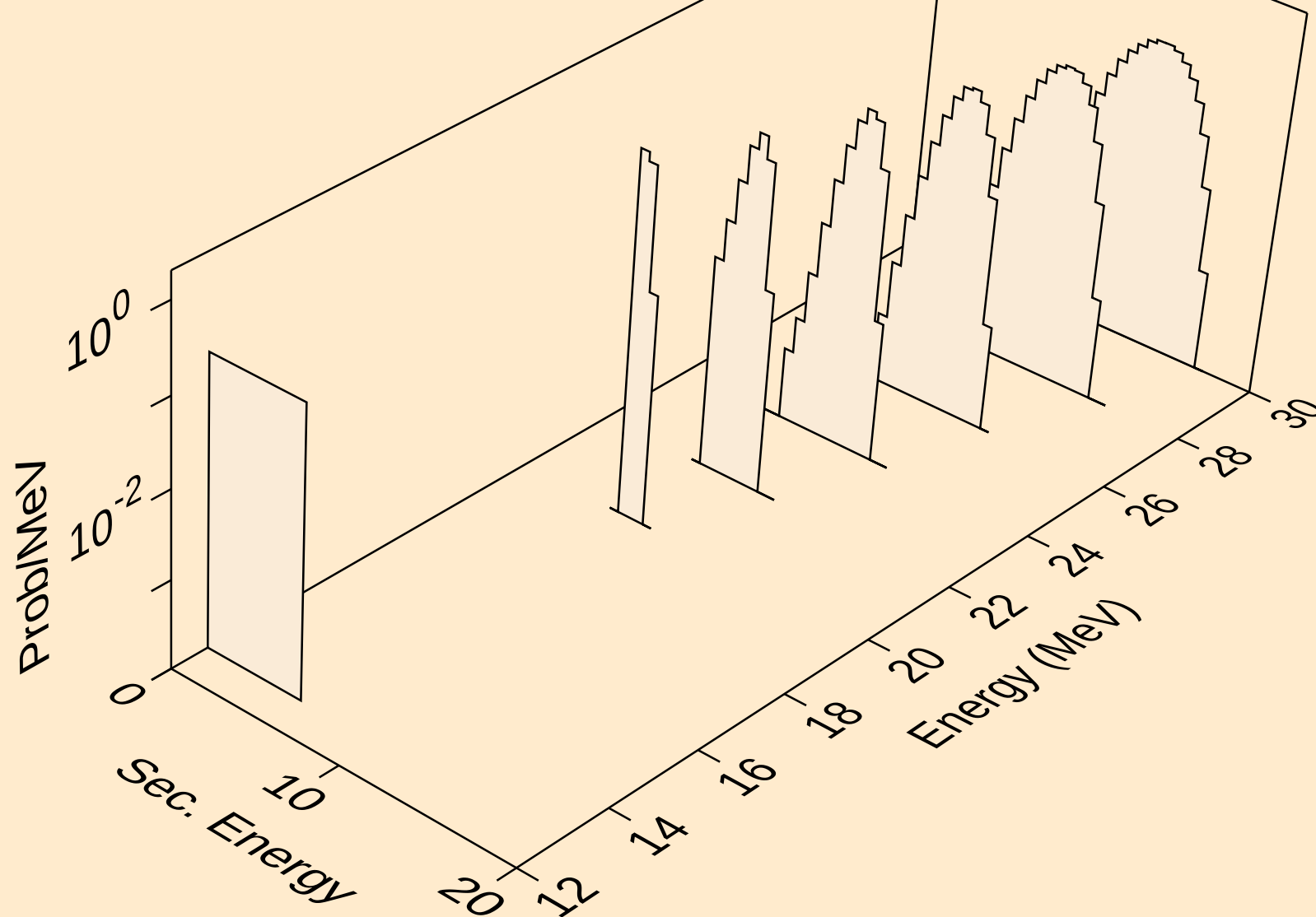
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alphas from (n,n*)a



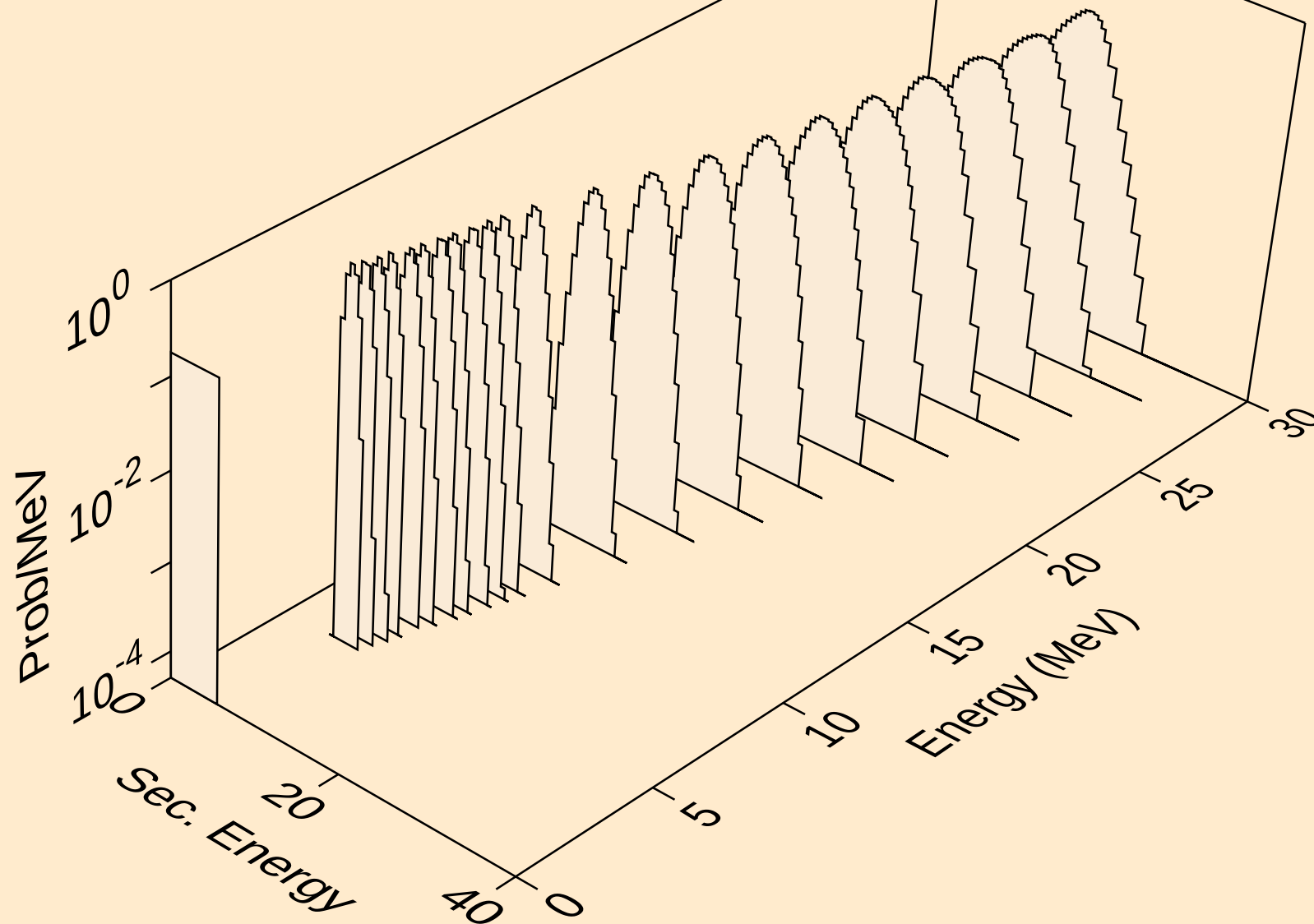
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



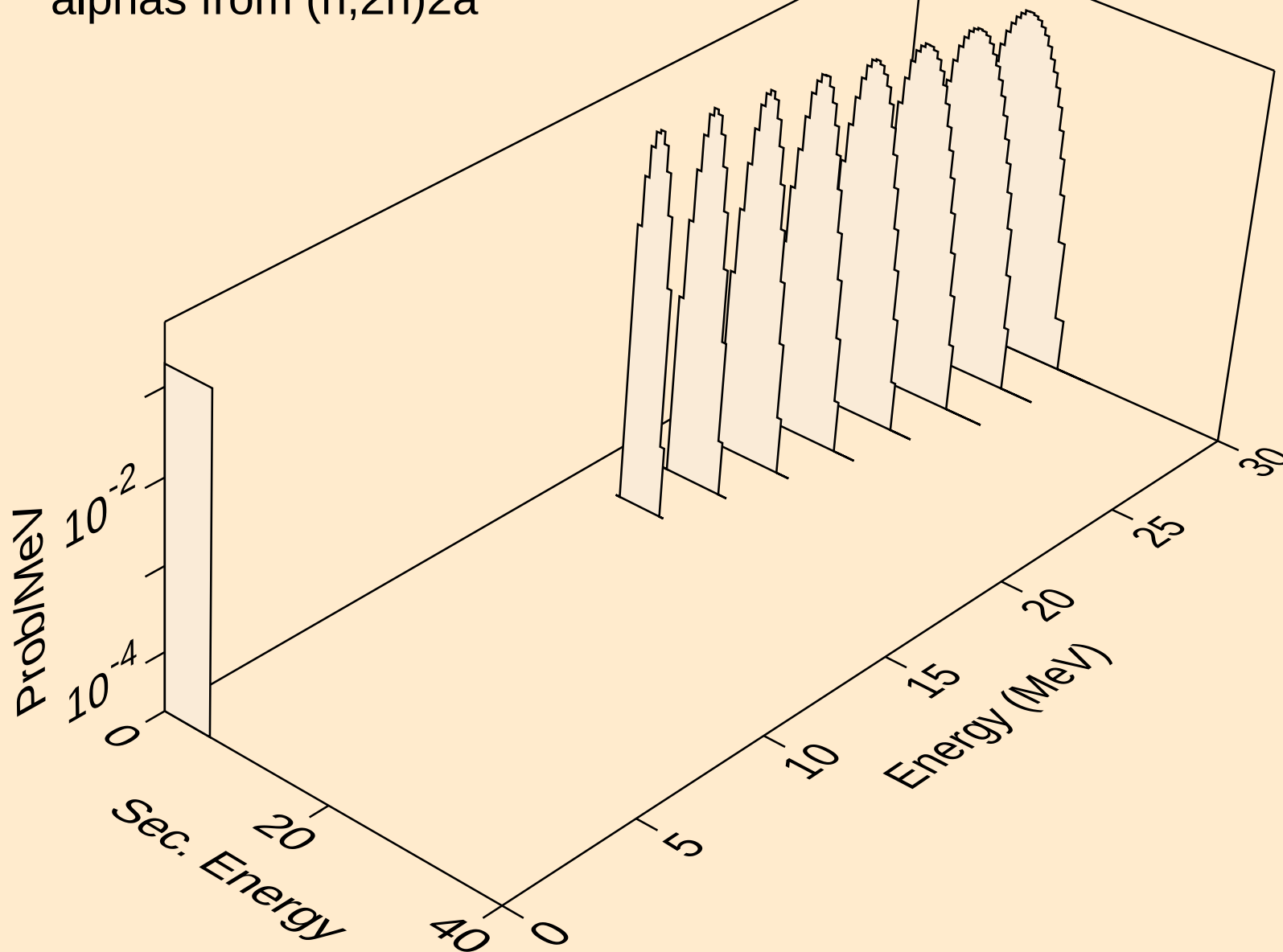
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alphas from (n,3n)a



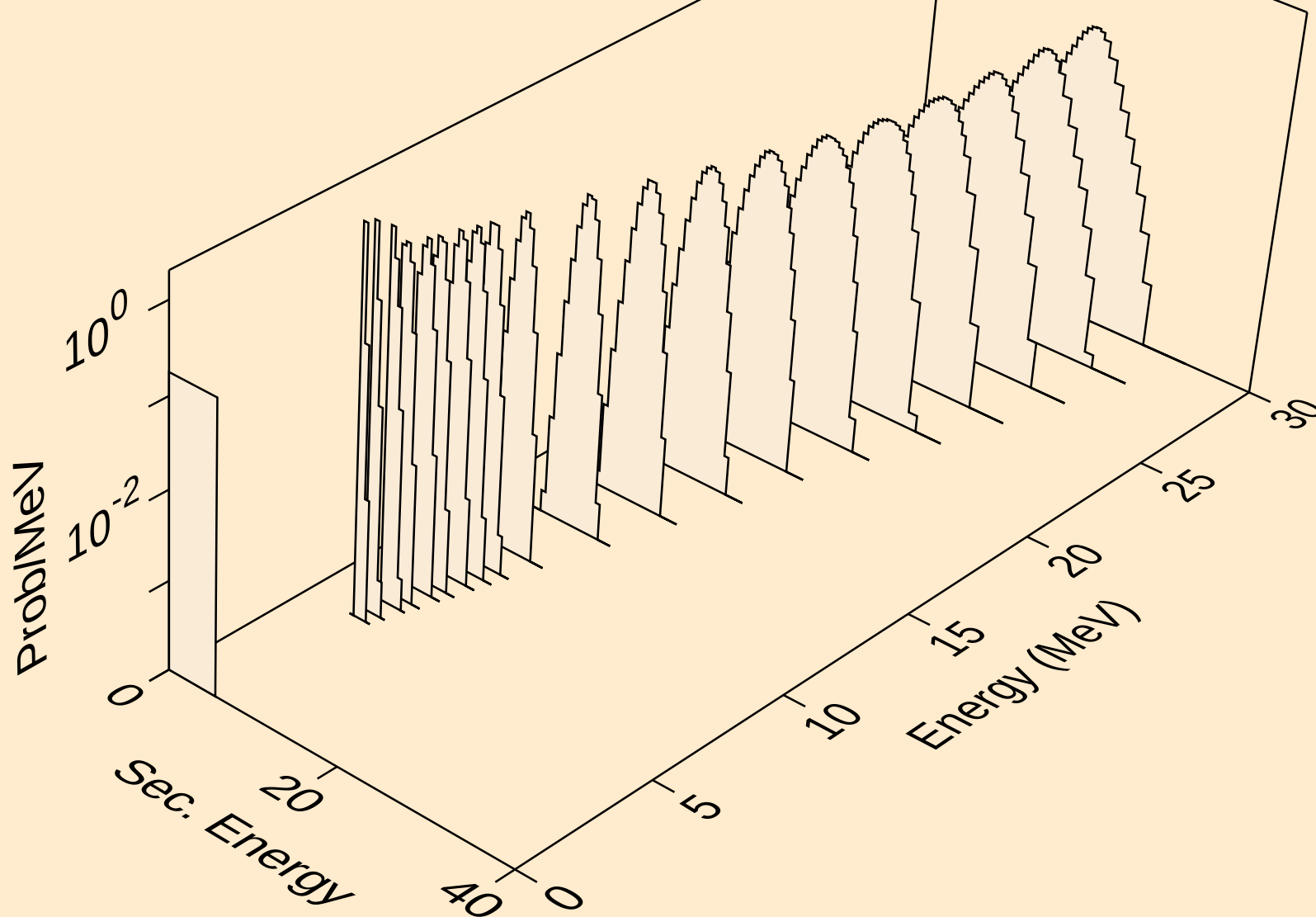
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alphas from (n,n*)2a



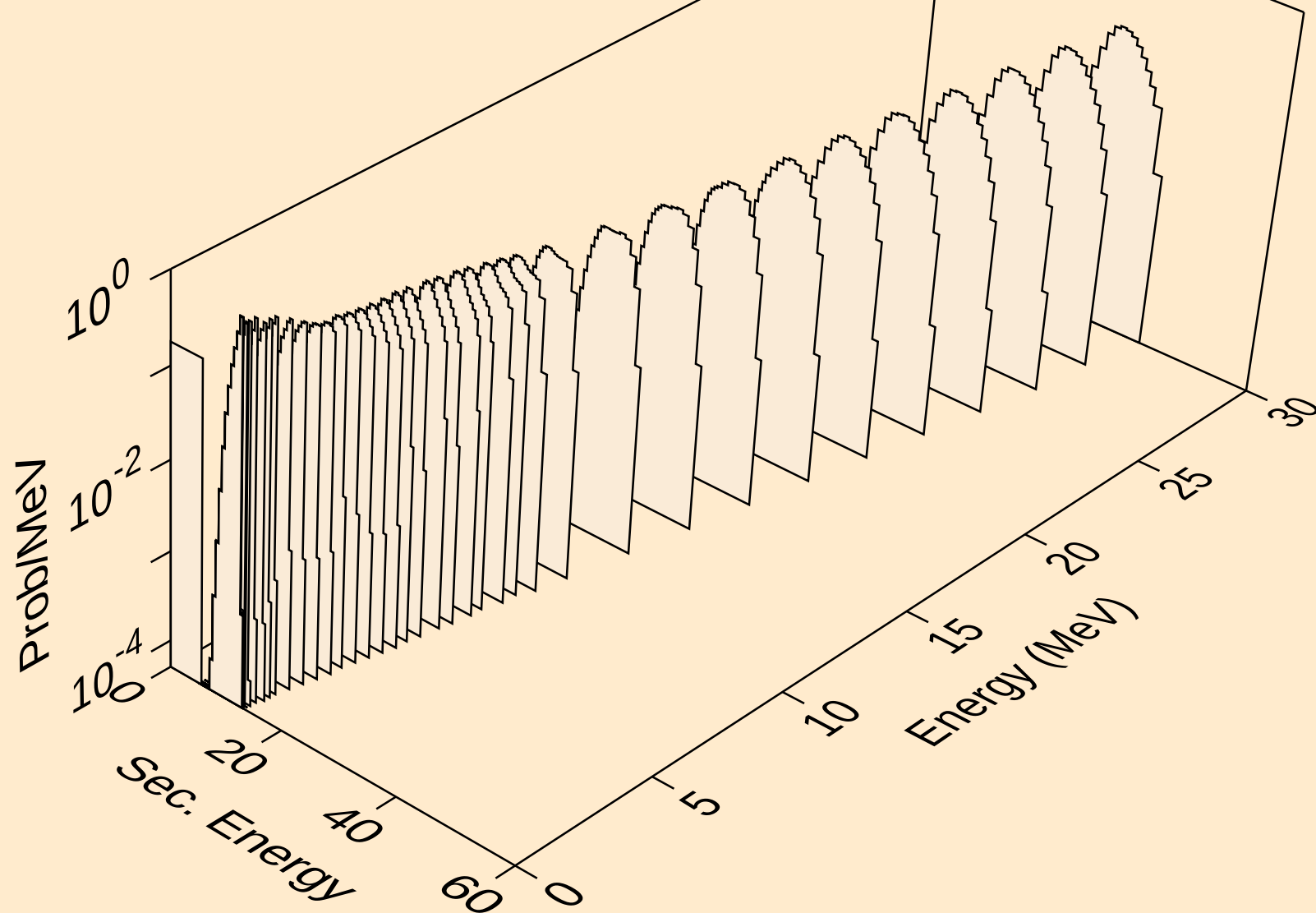
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alphas from (n,2n)2a



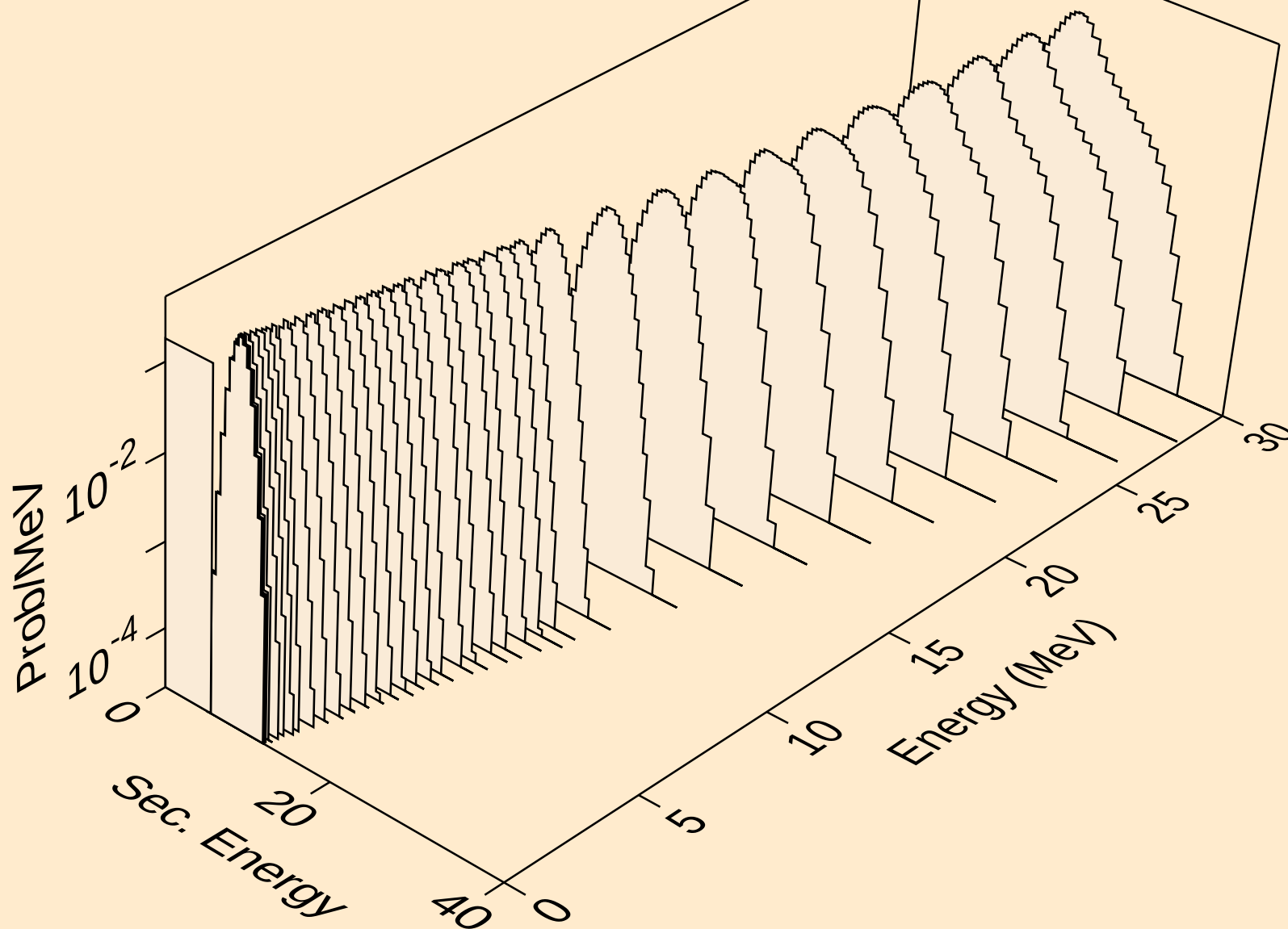
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alphas from (n,npa)



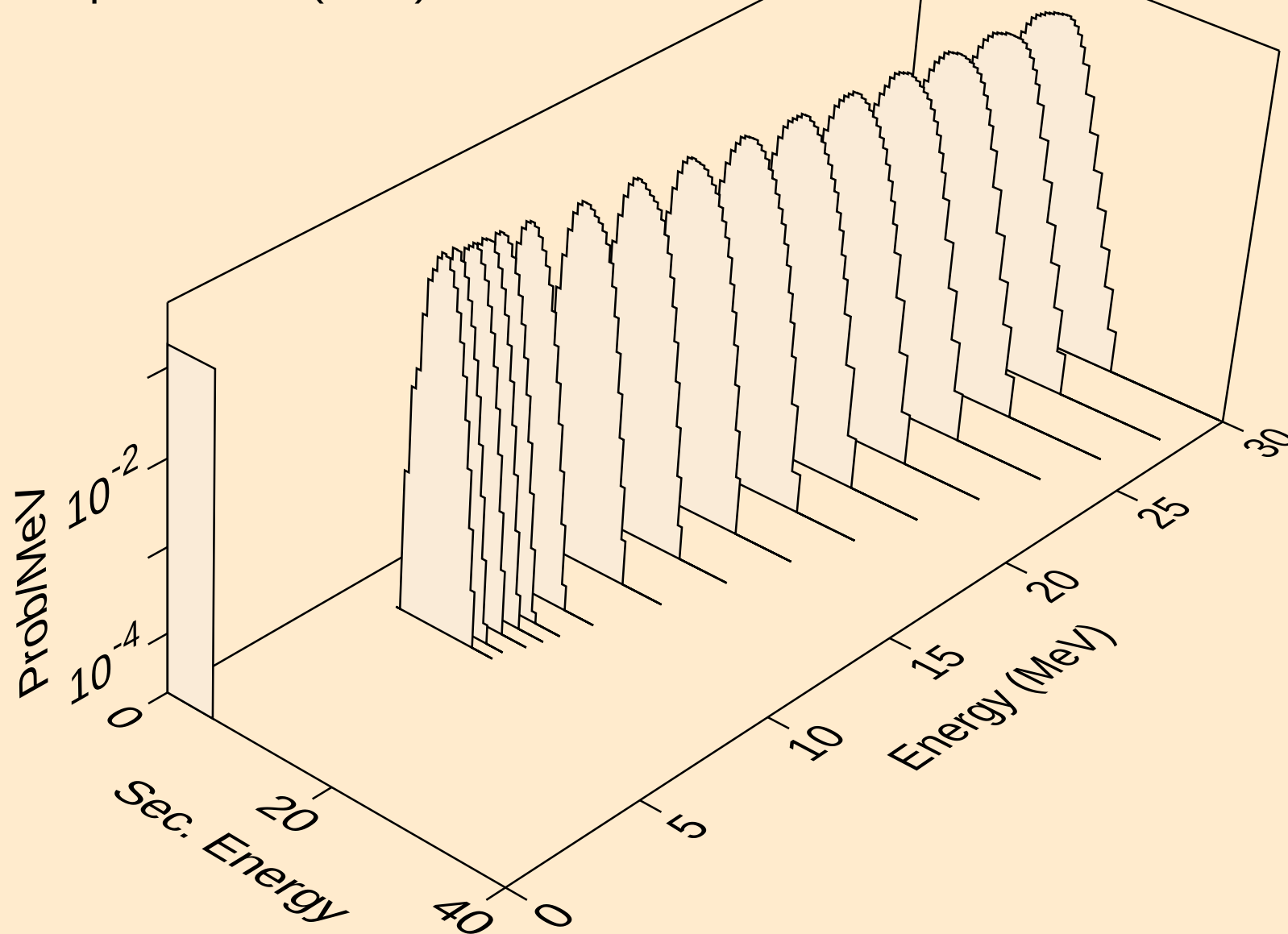
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alphas from (n,a)



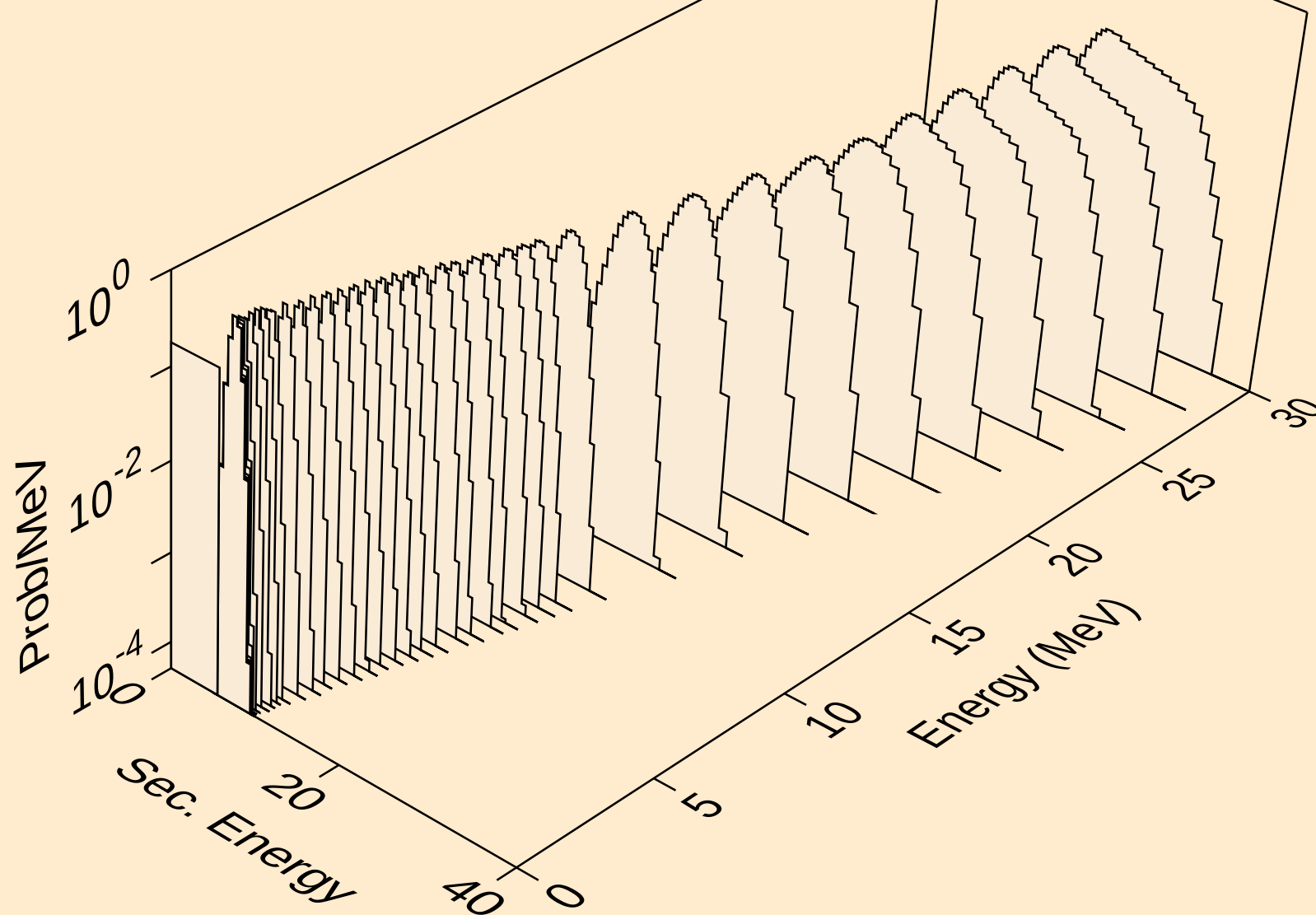
AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



AU183 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

