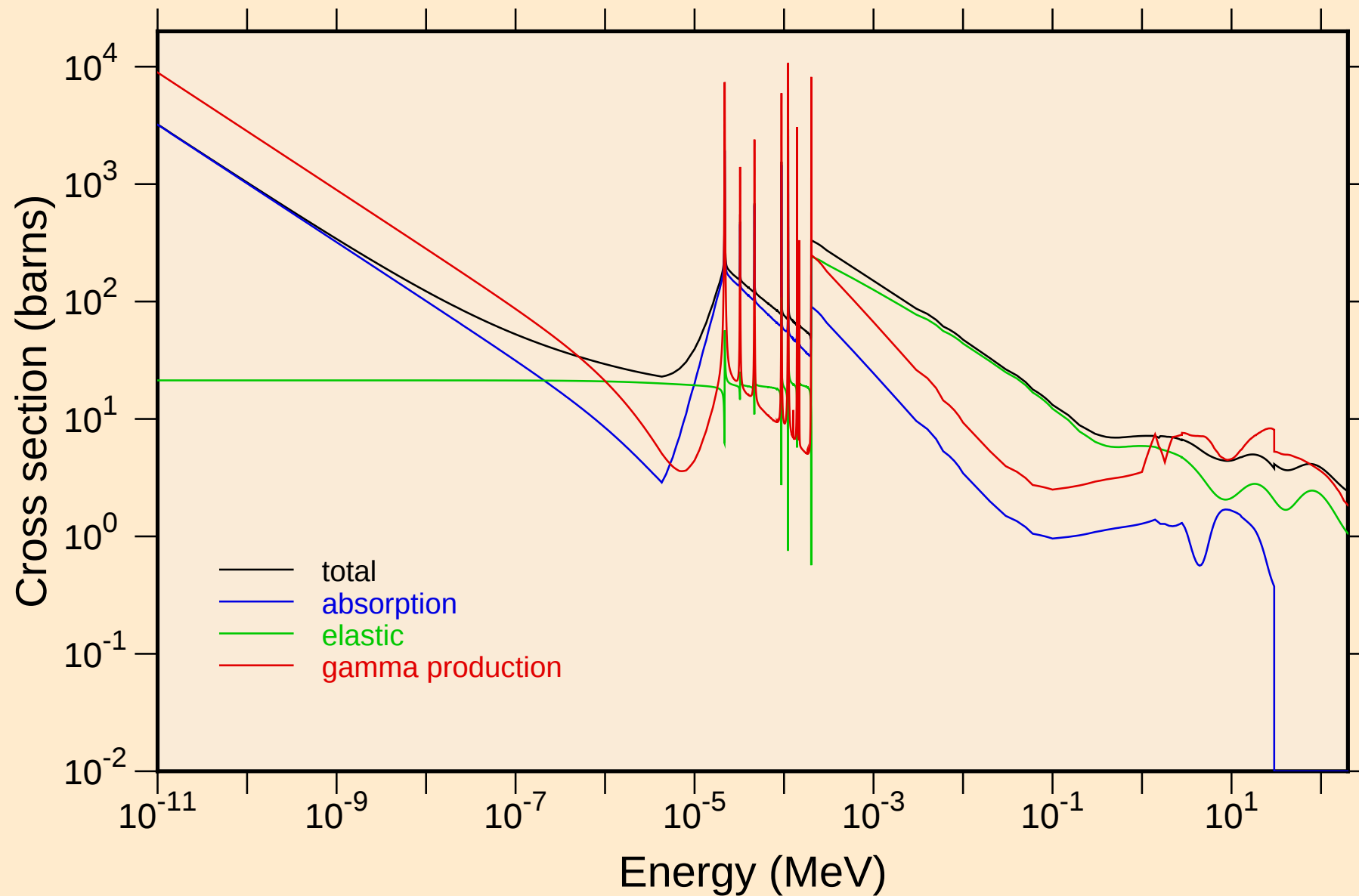
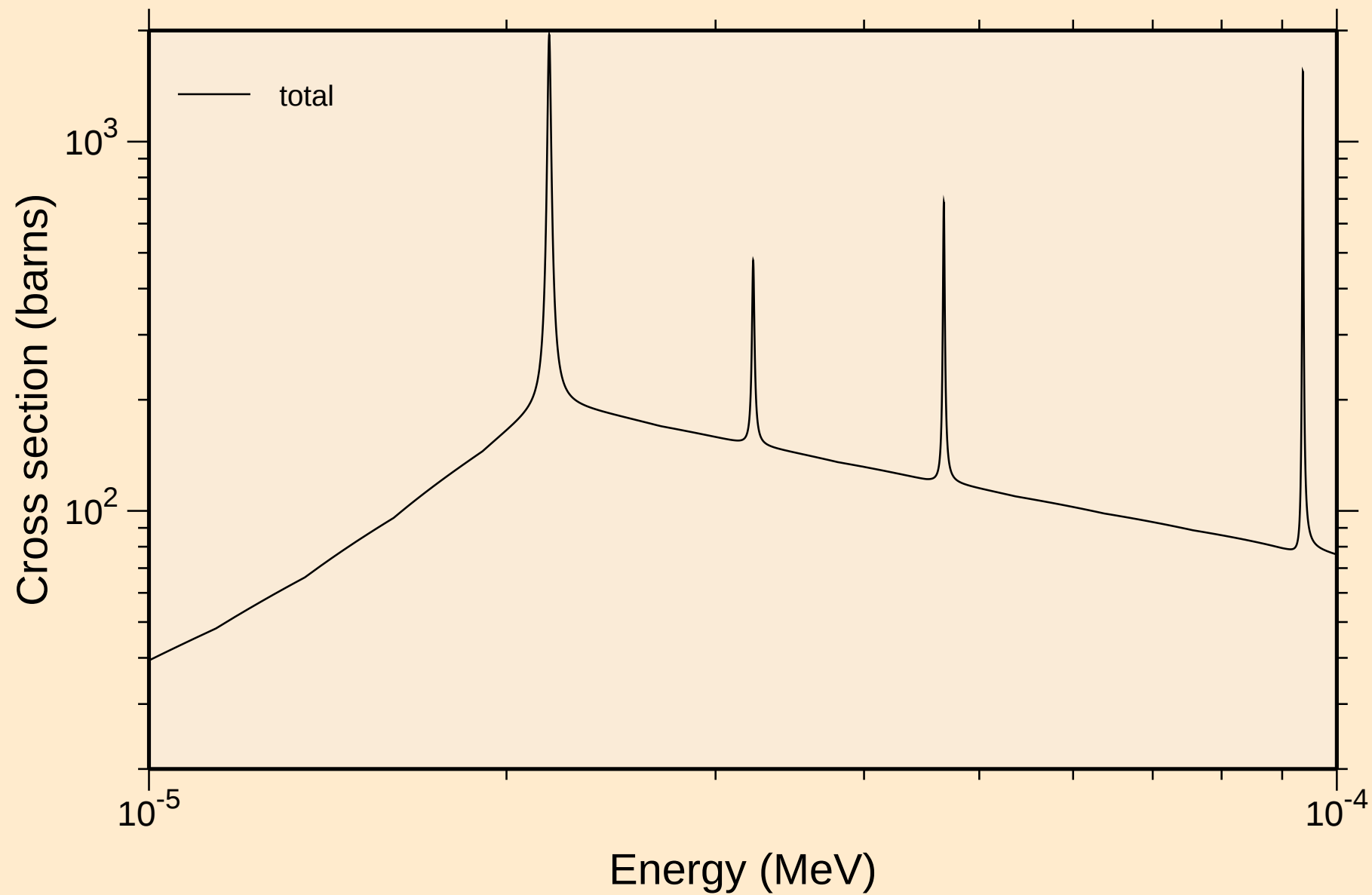


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

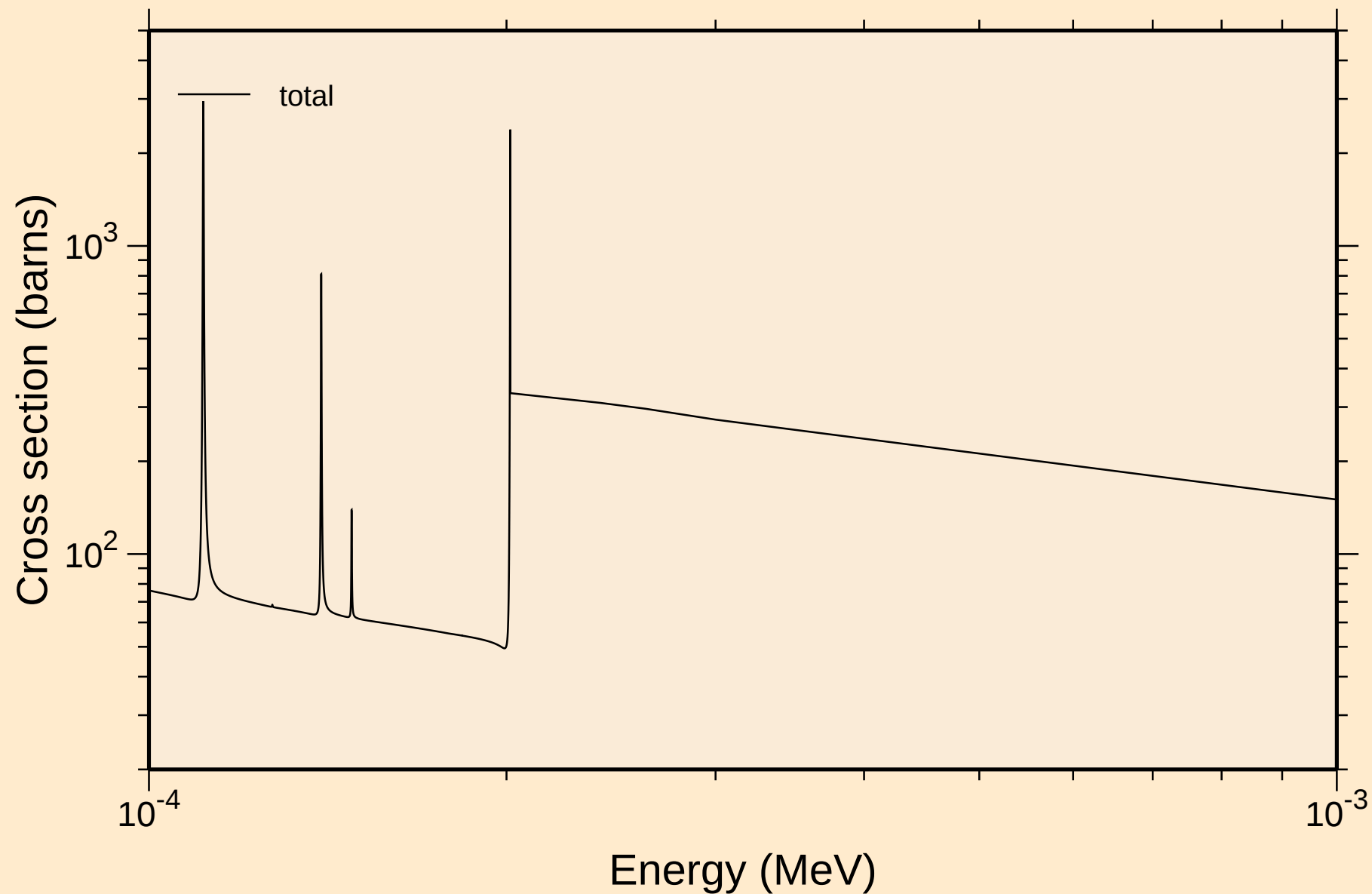
Principal cross sections



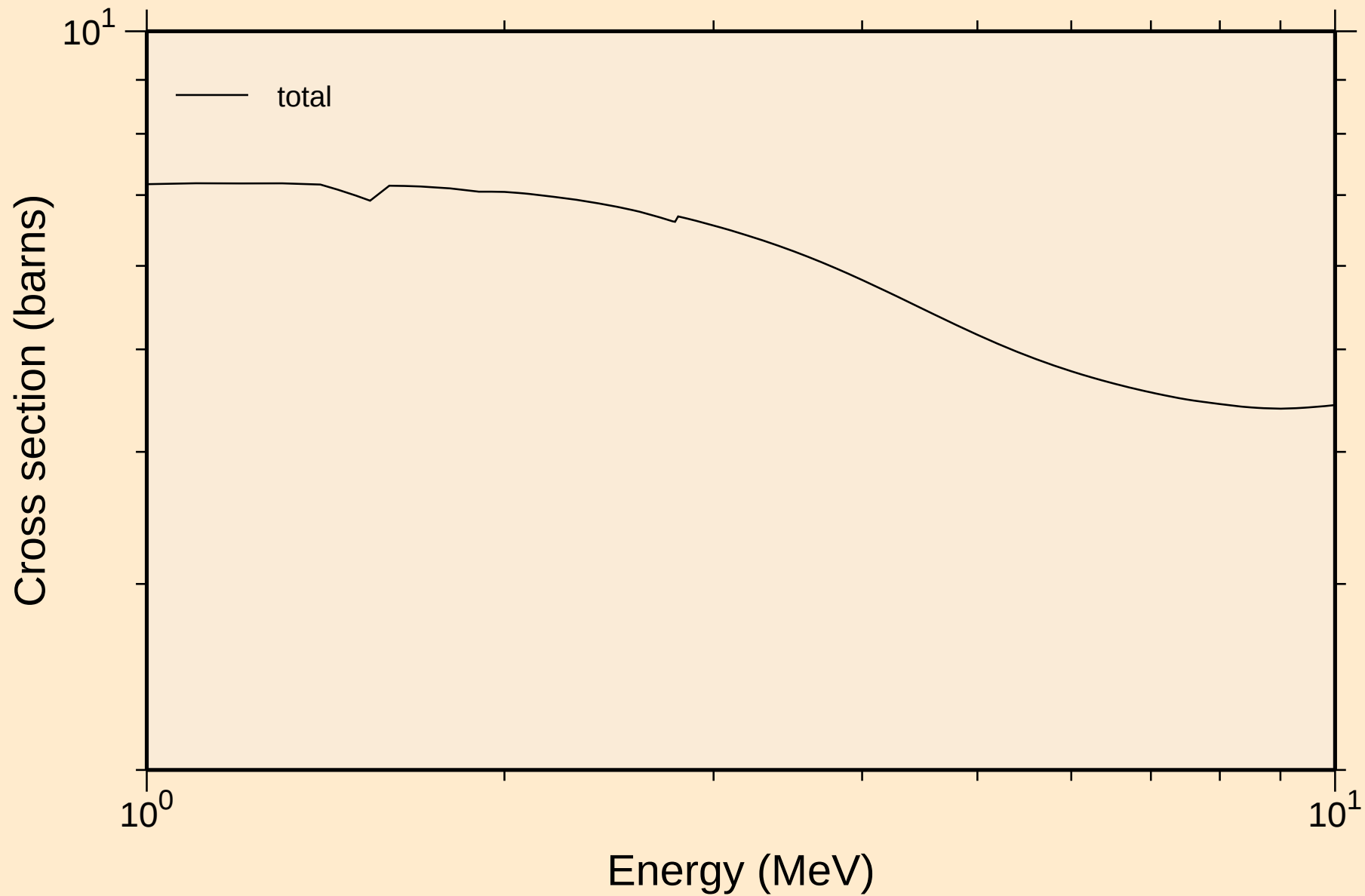
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



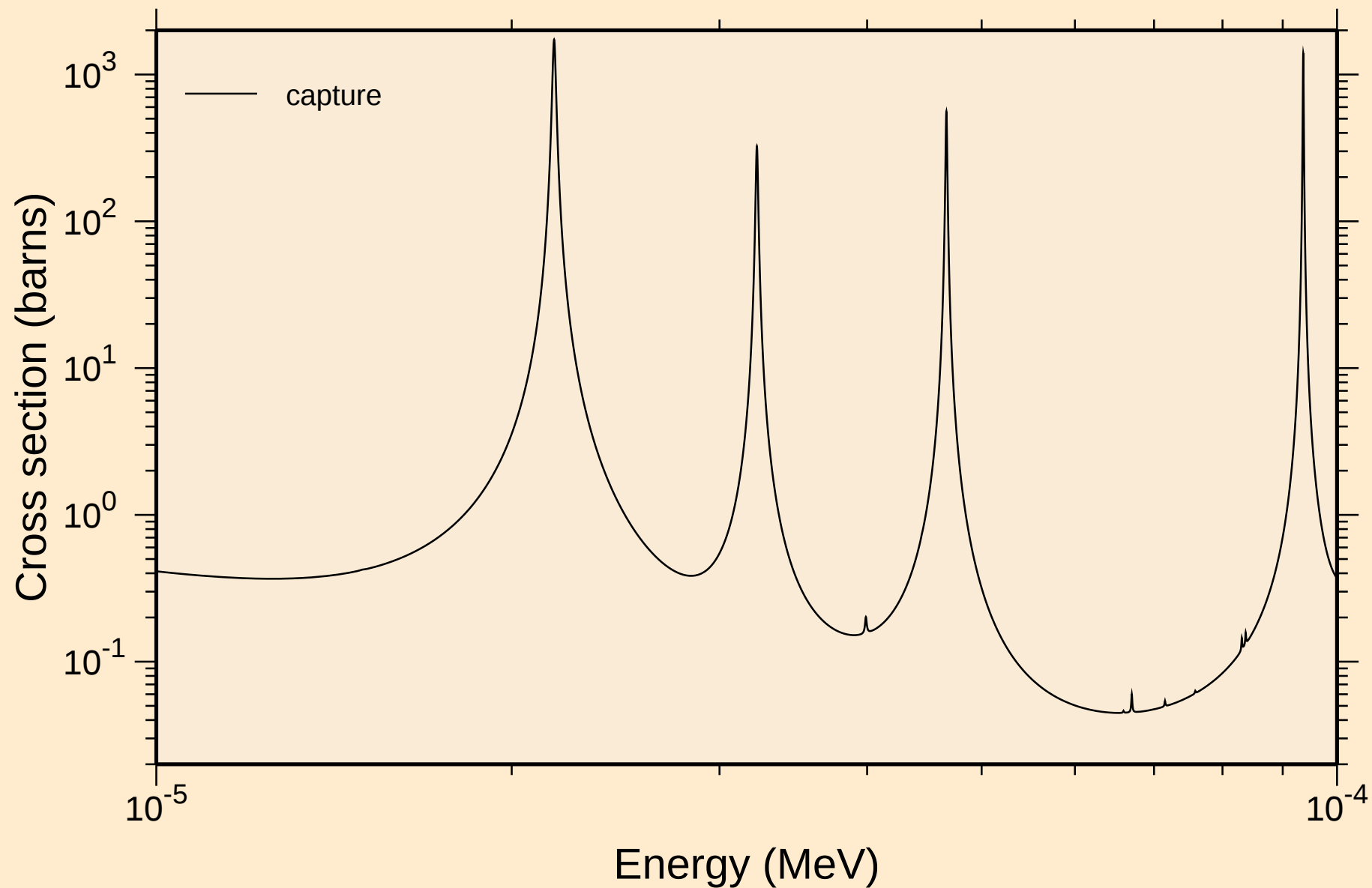
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



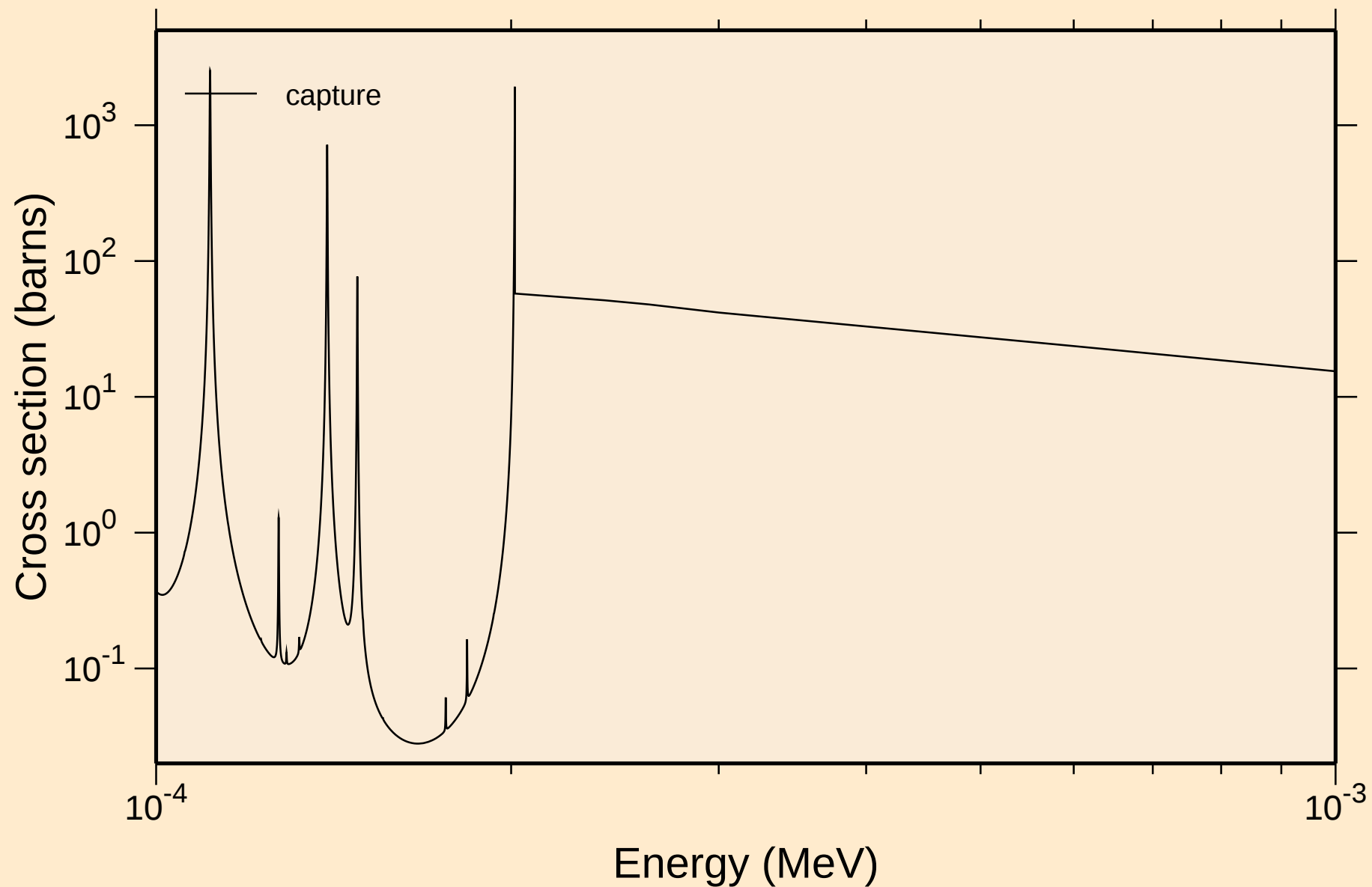
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



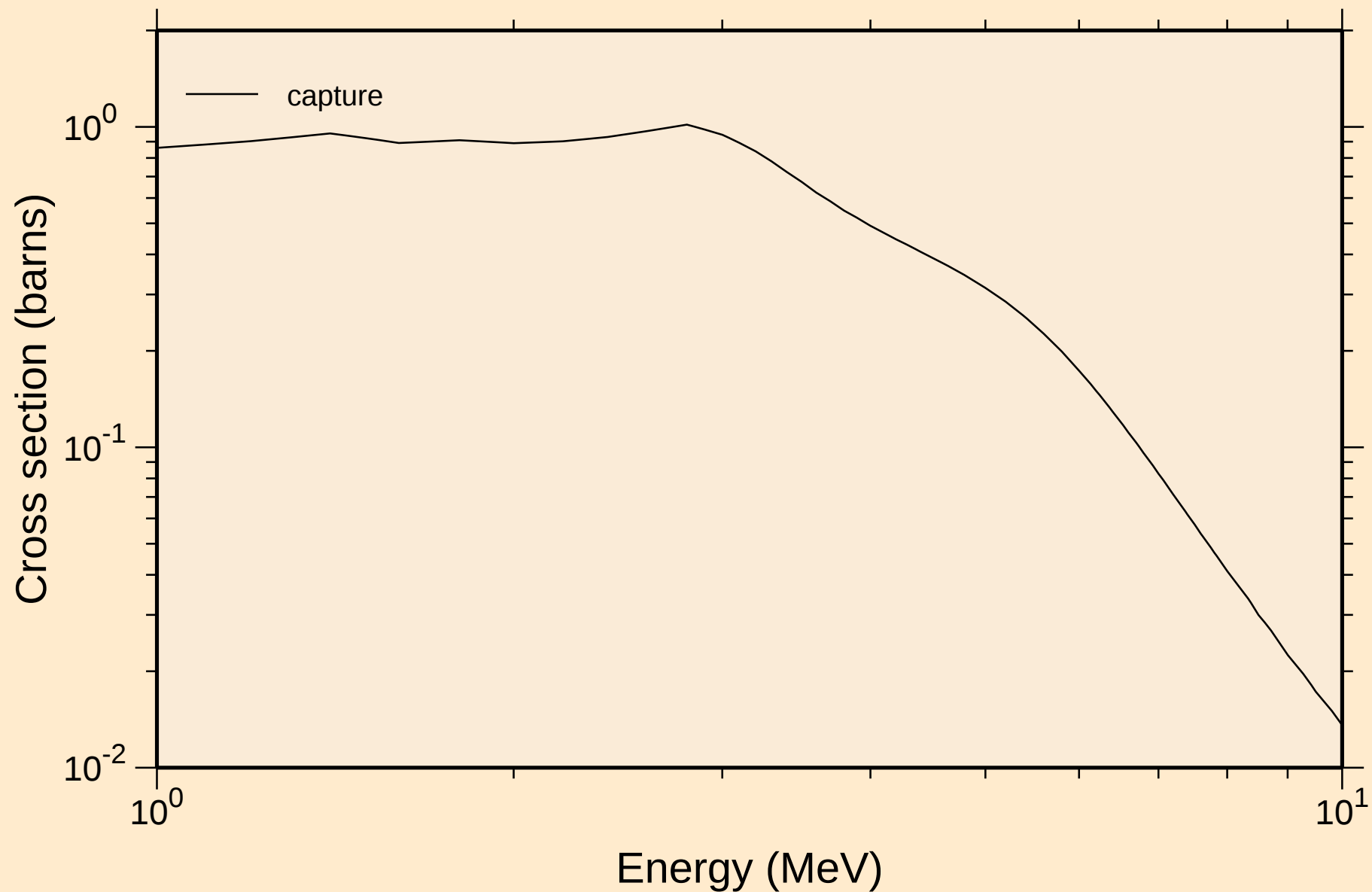
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

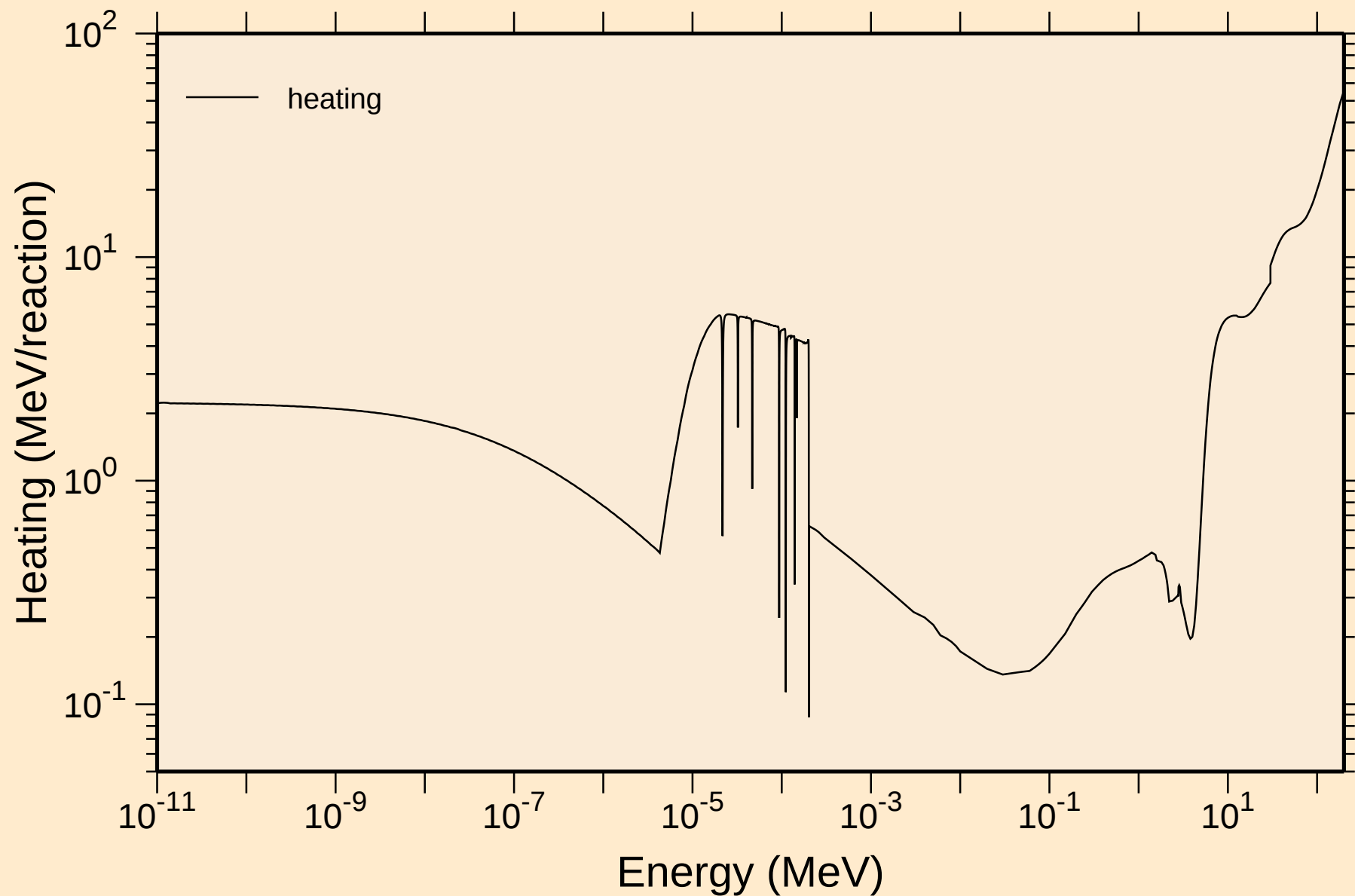


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



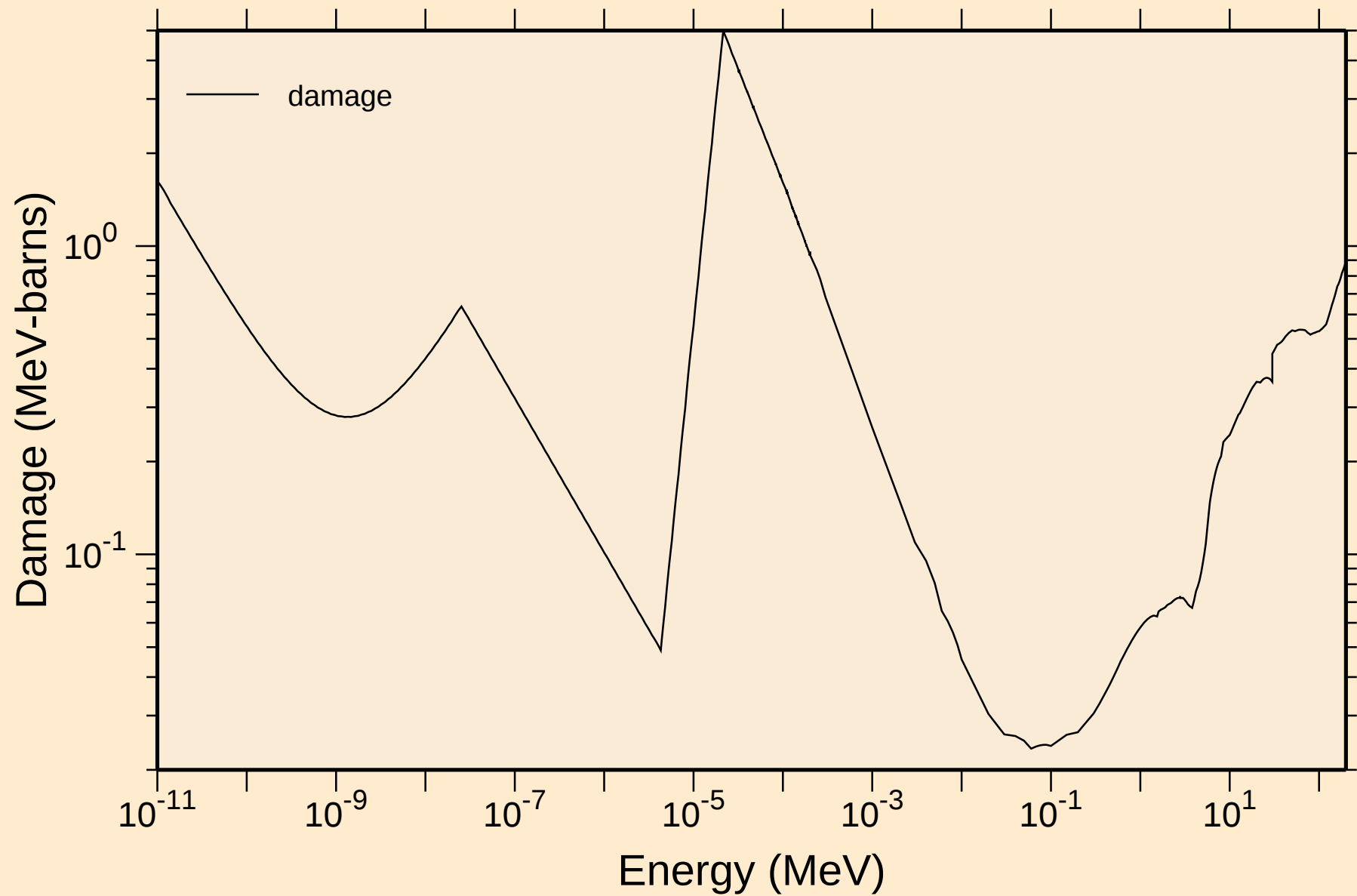
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

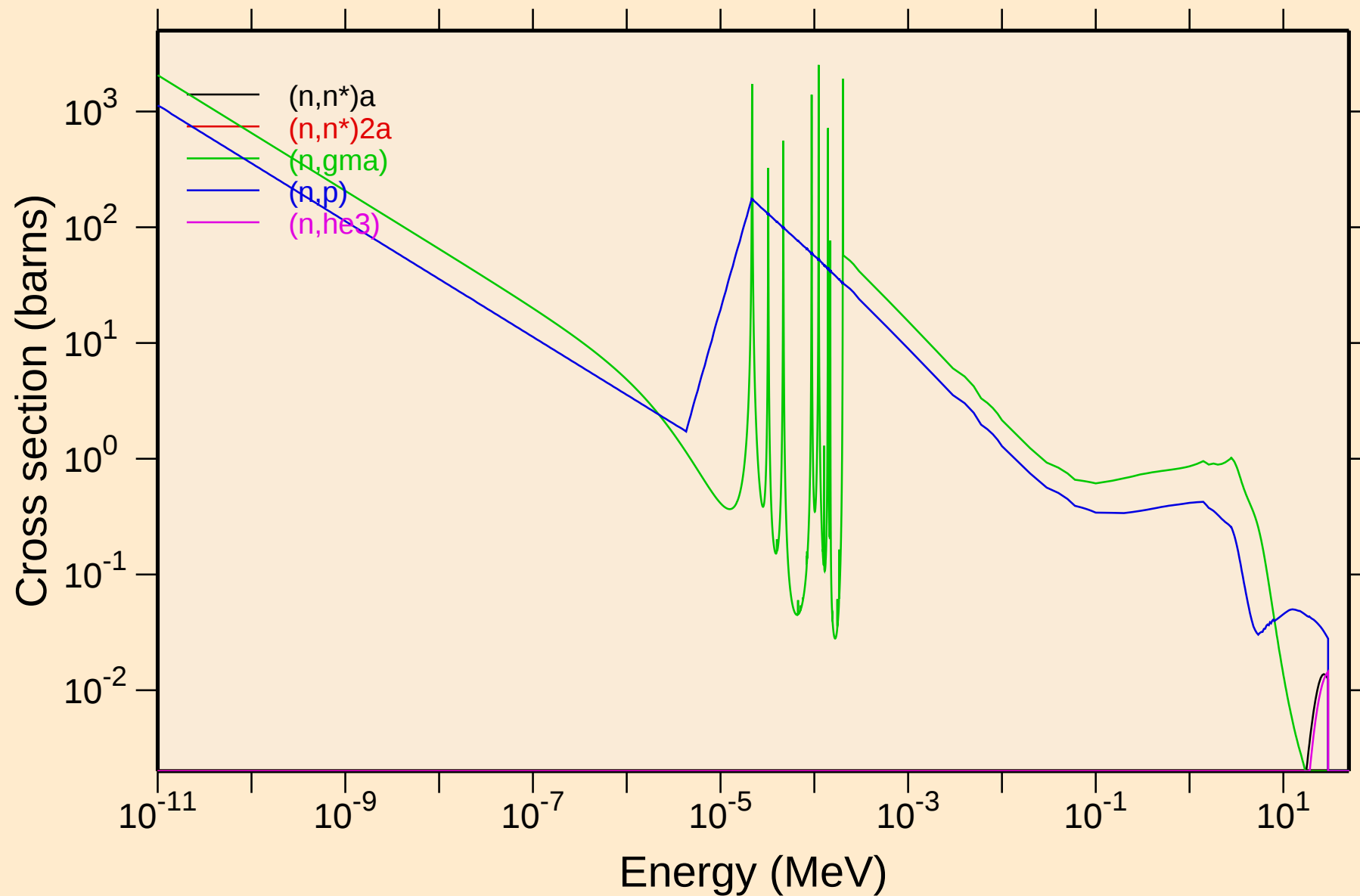


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

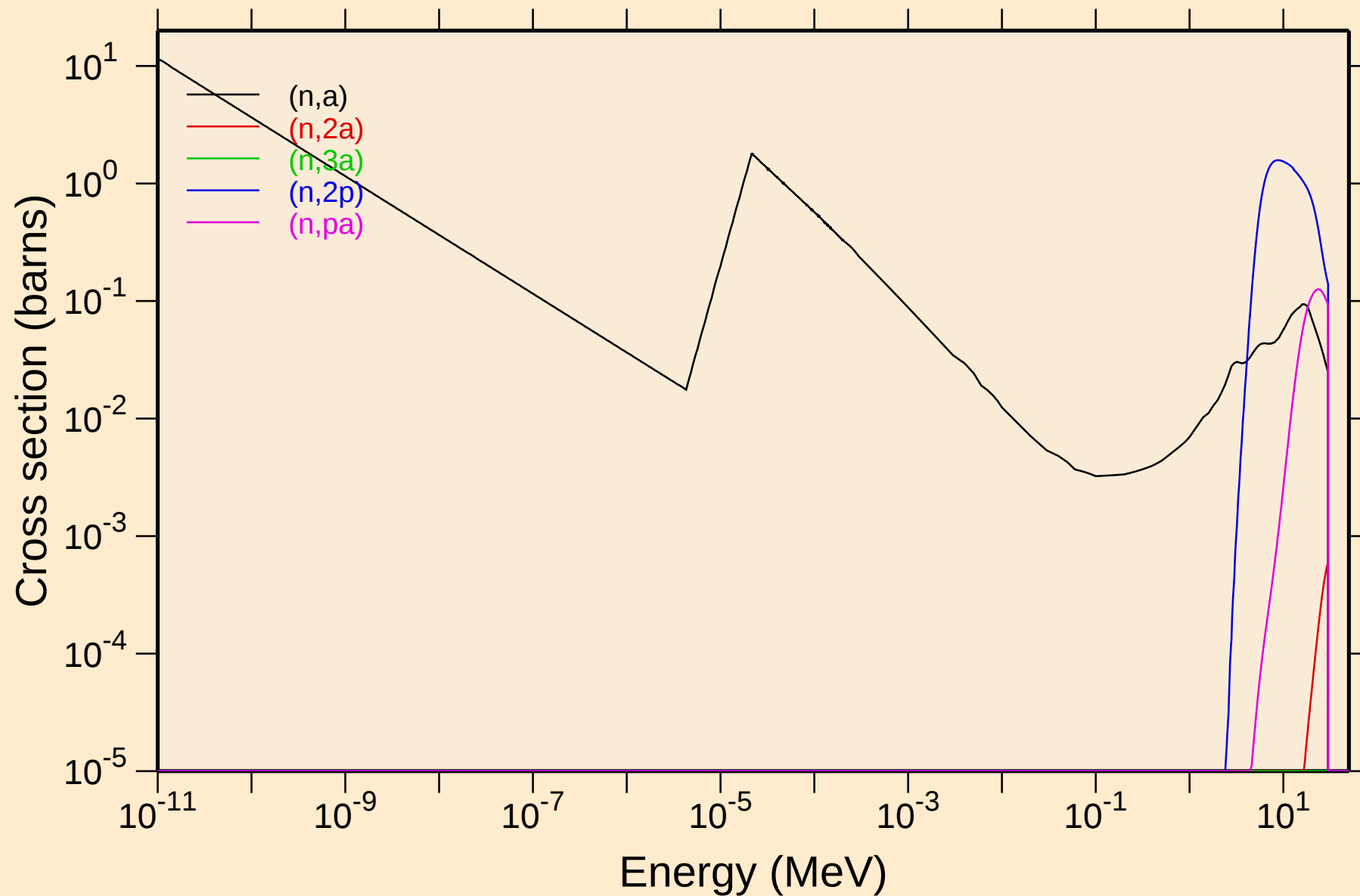
Damage



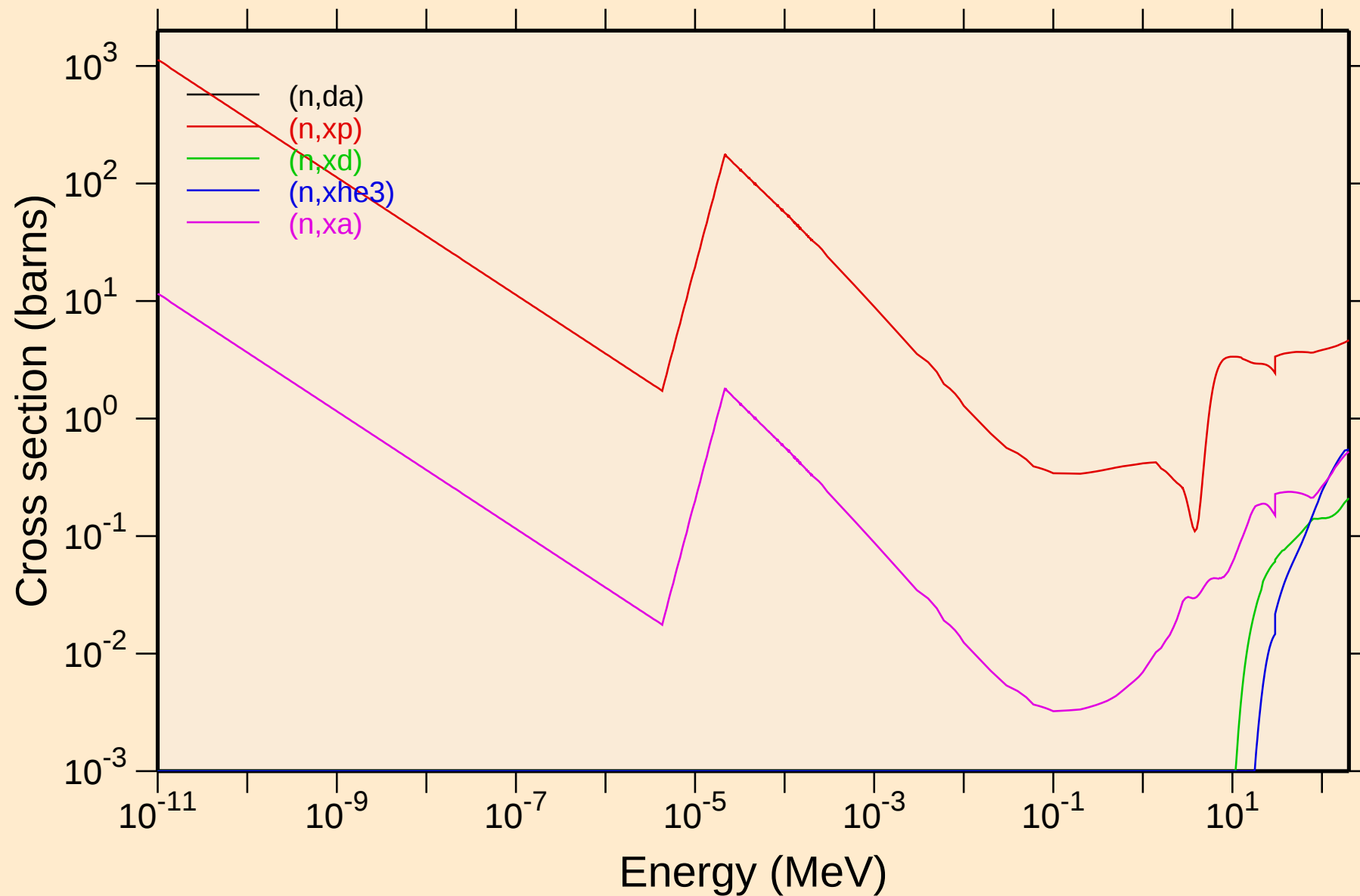
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

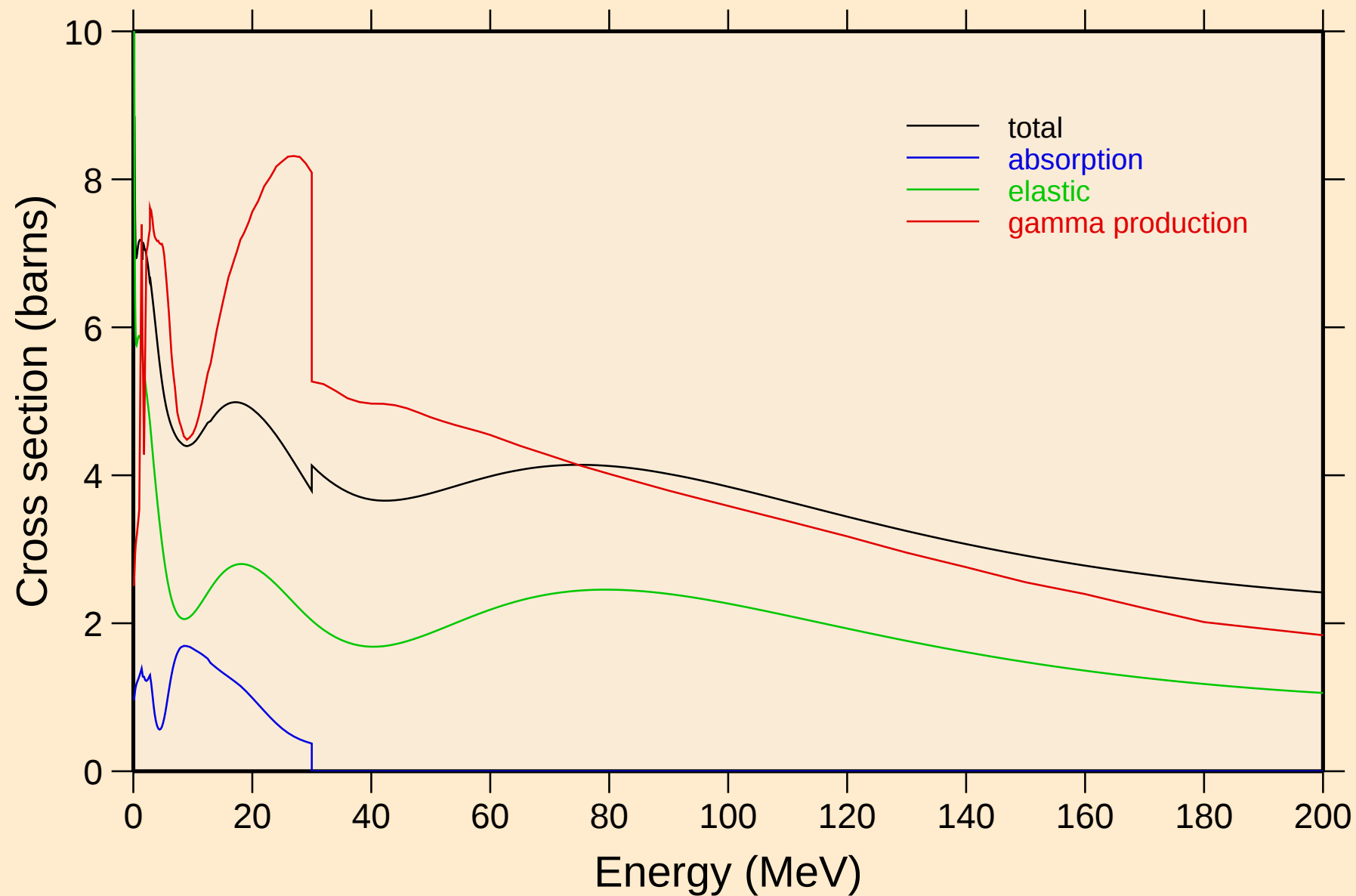


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



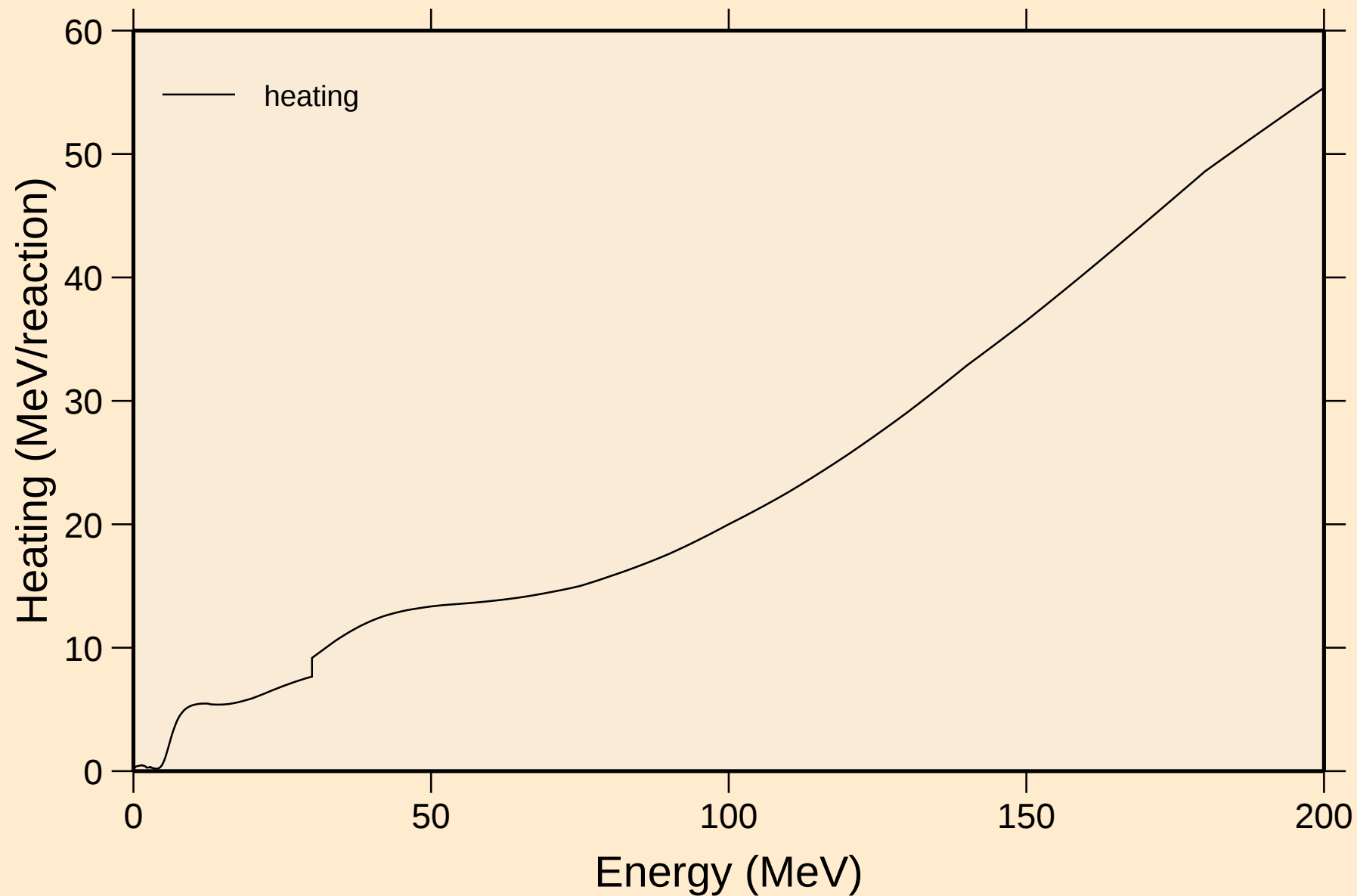
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Principal cross sections



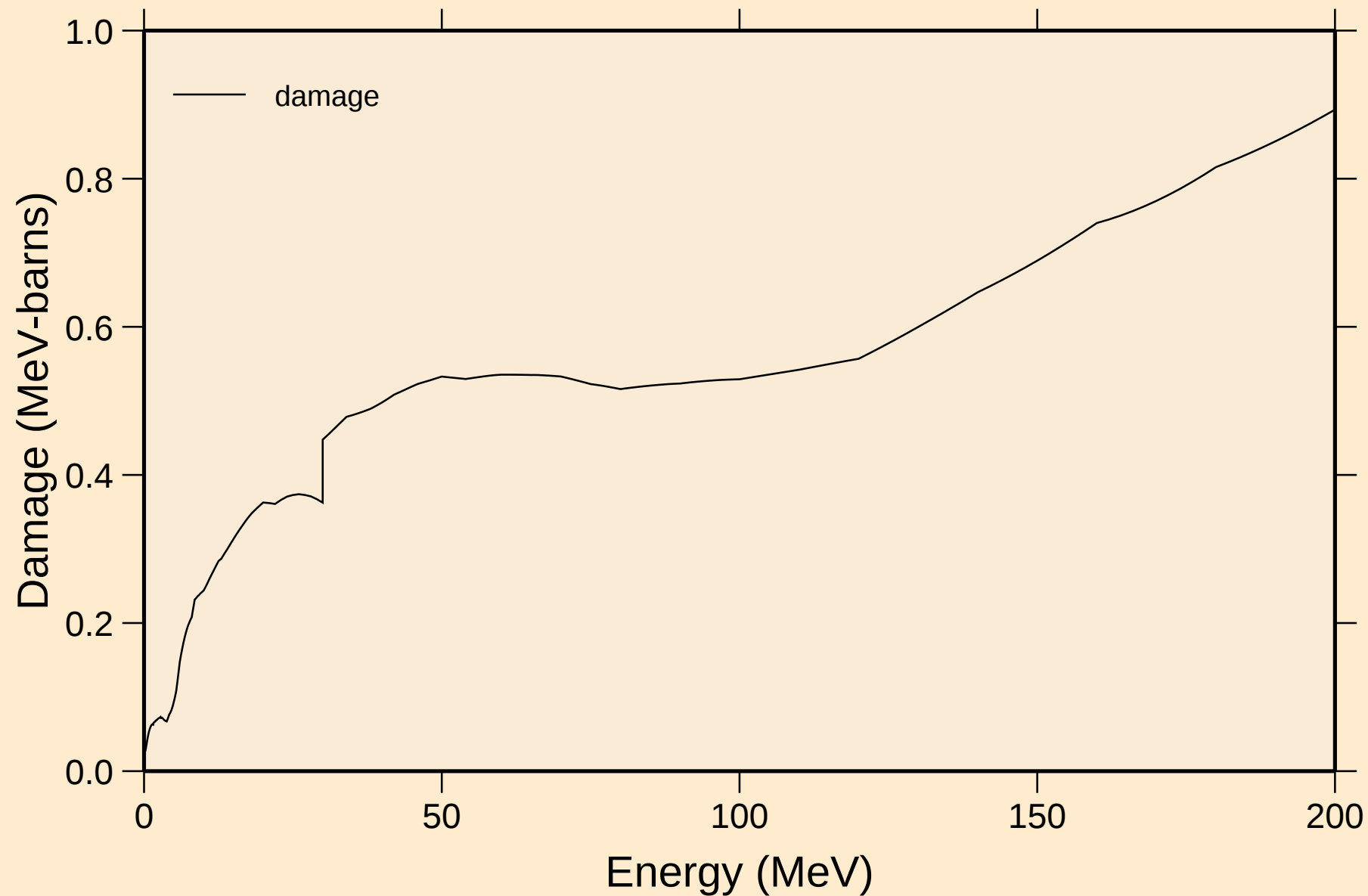
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

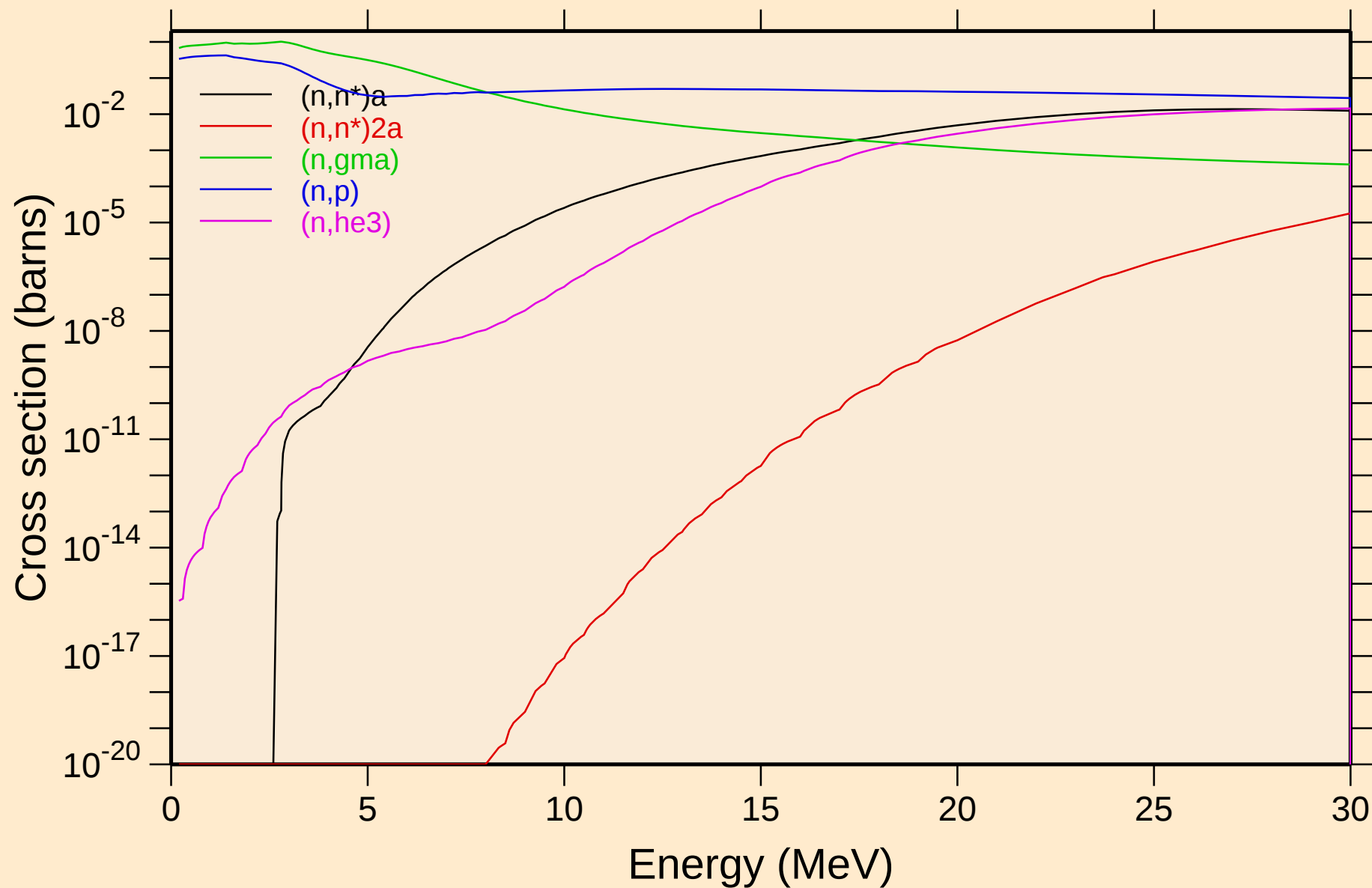


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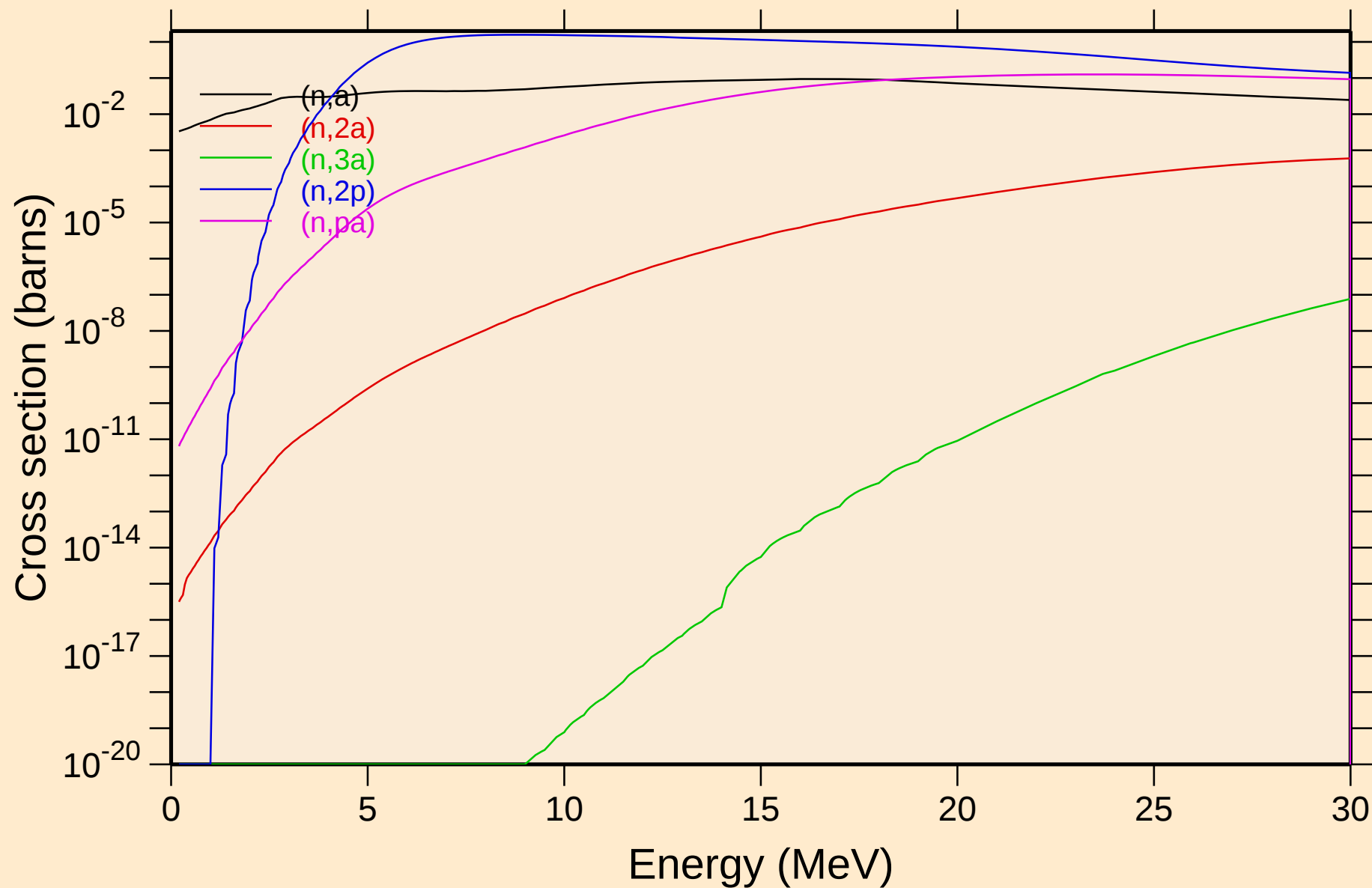
Damage



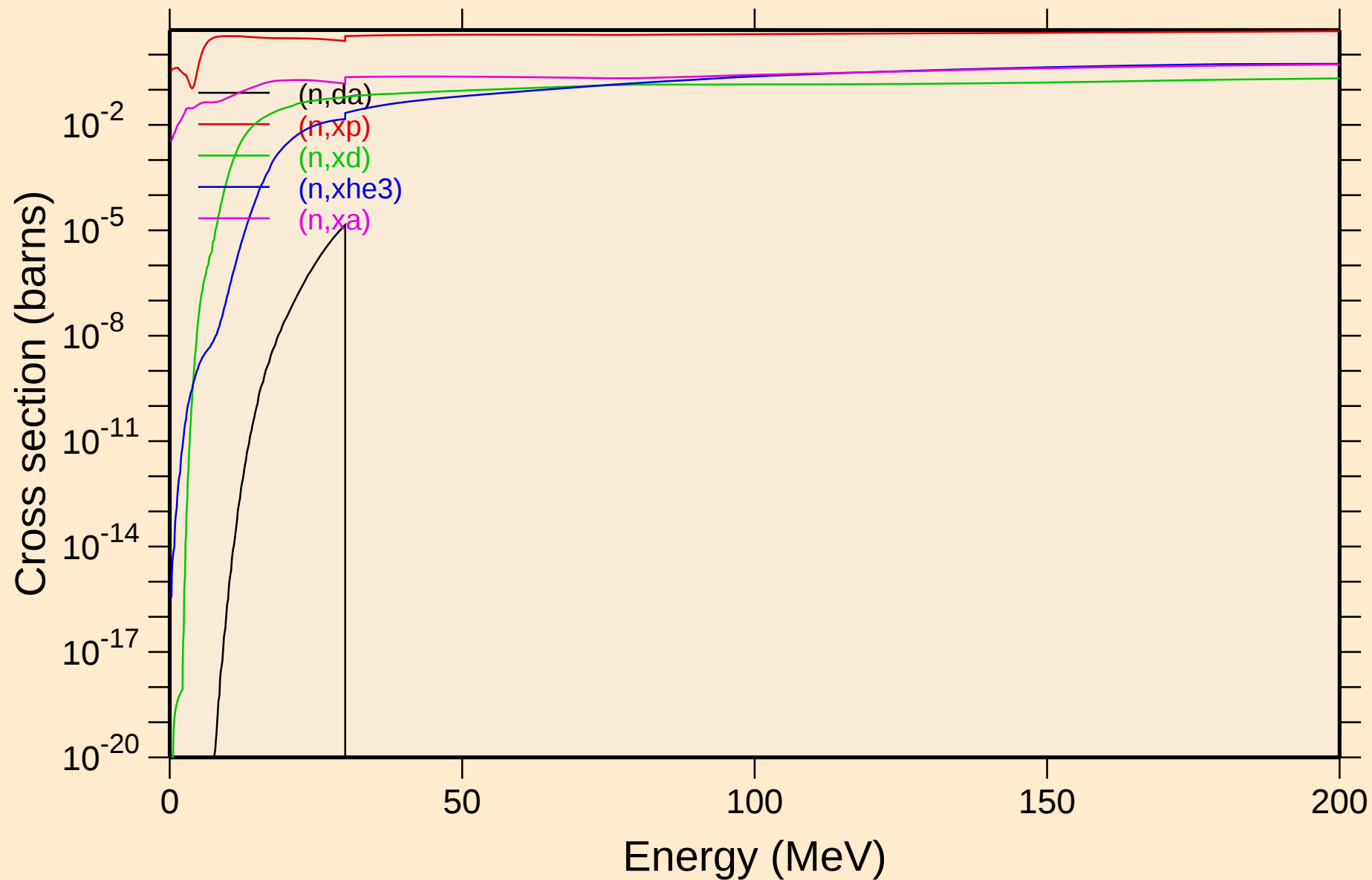
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

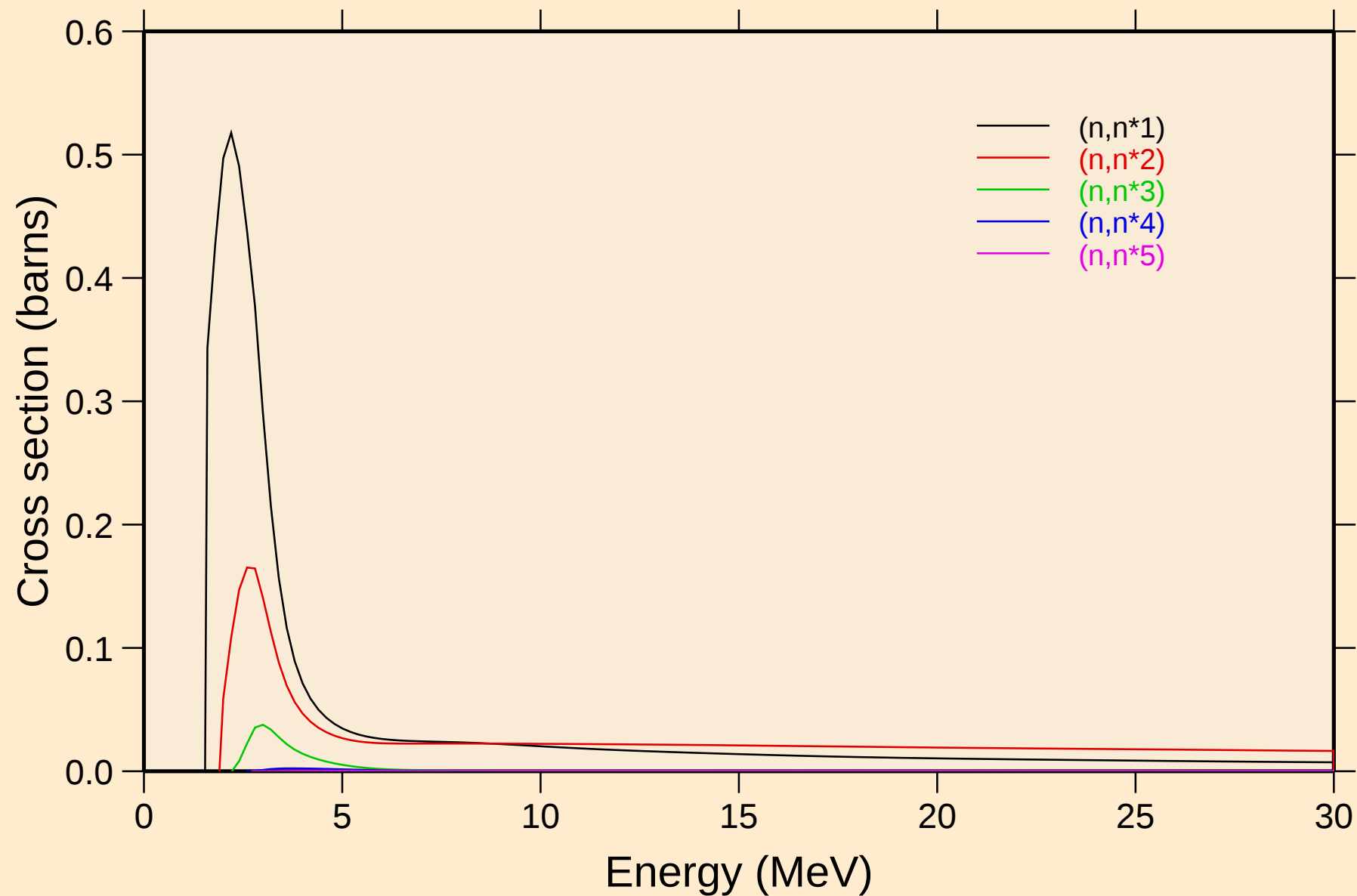


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



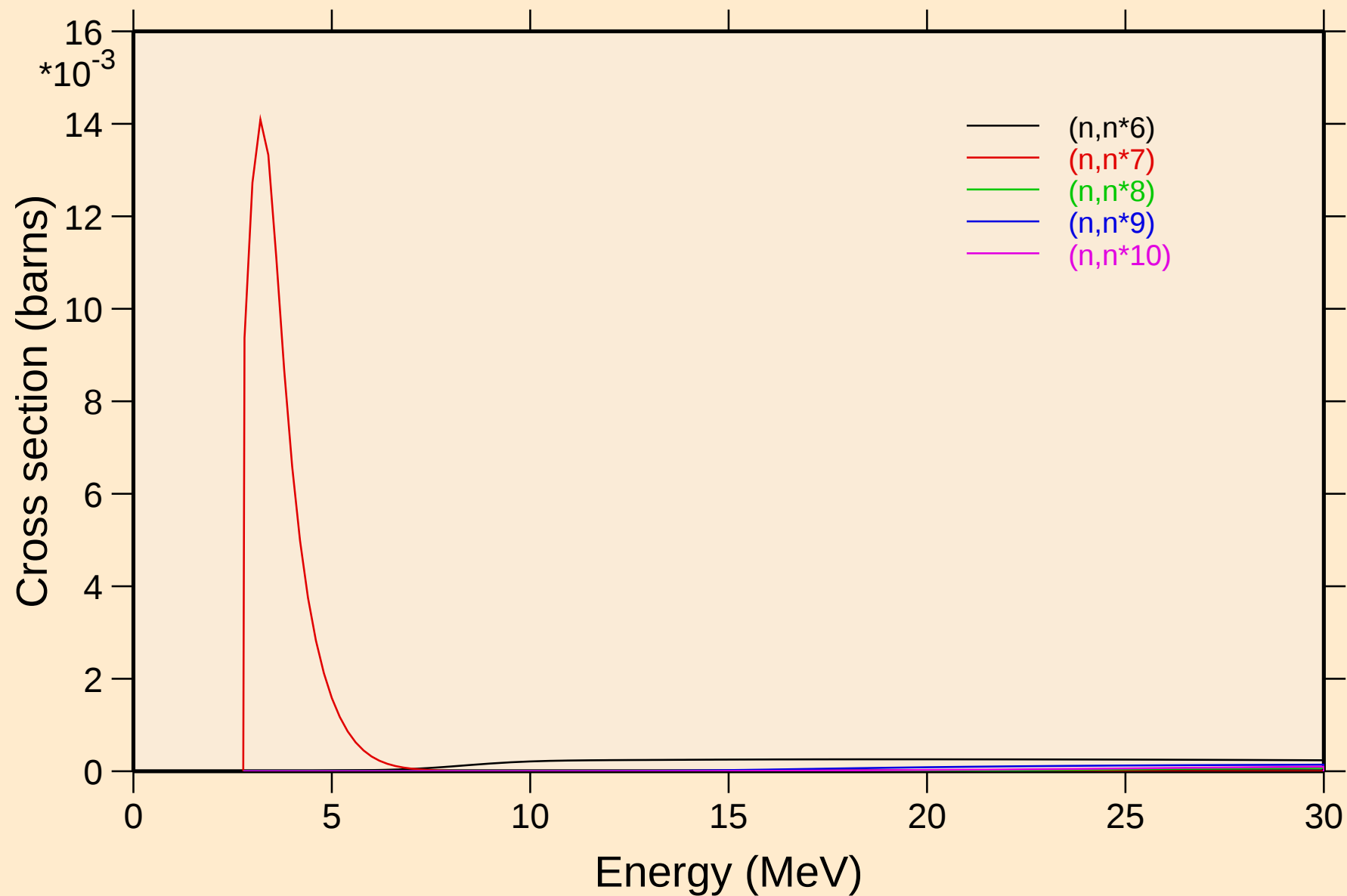
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



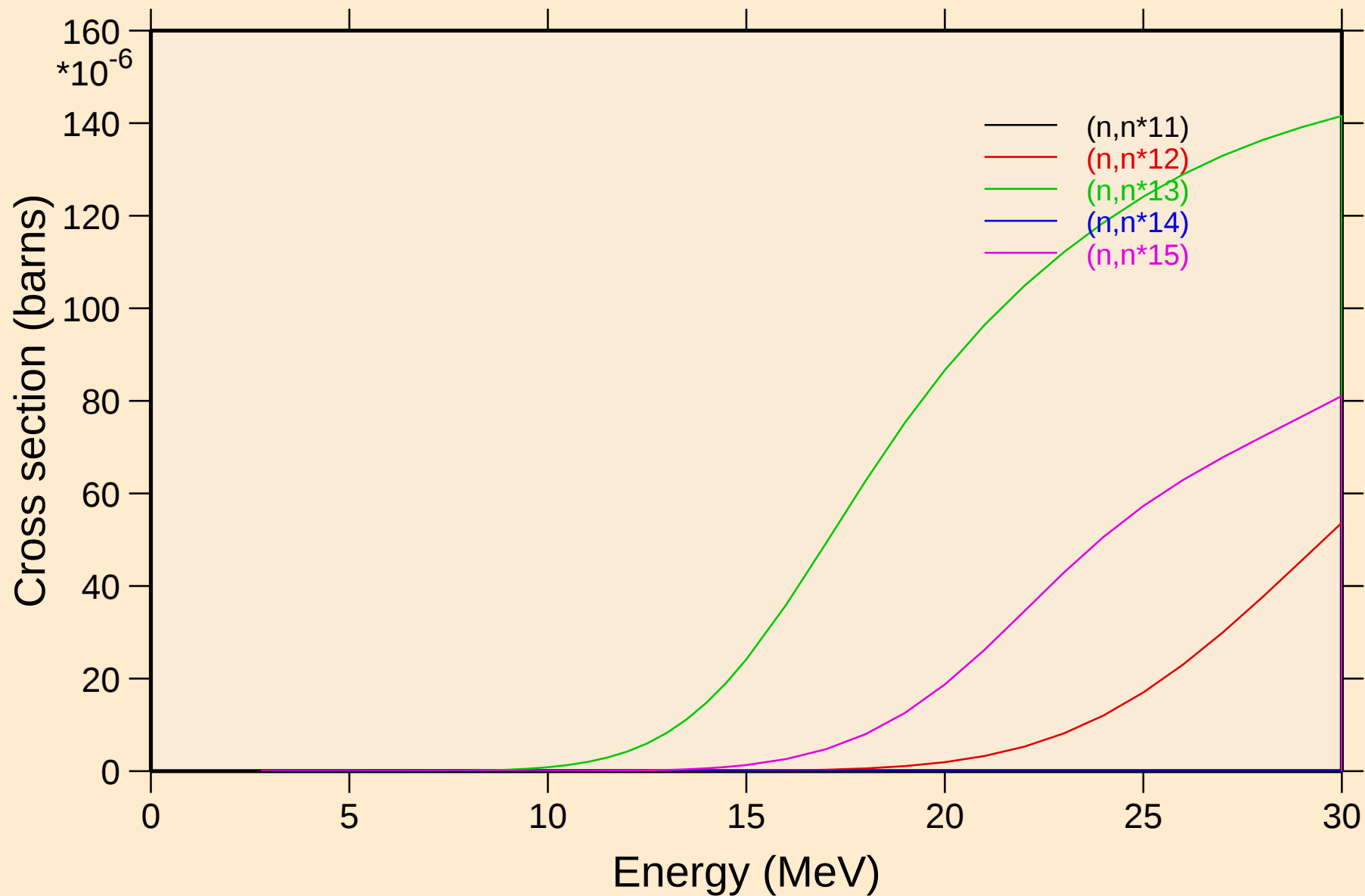
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



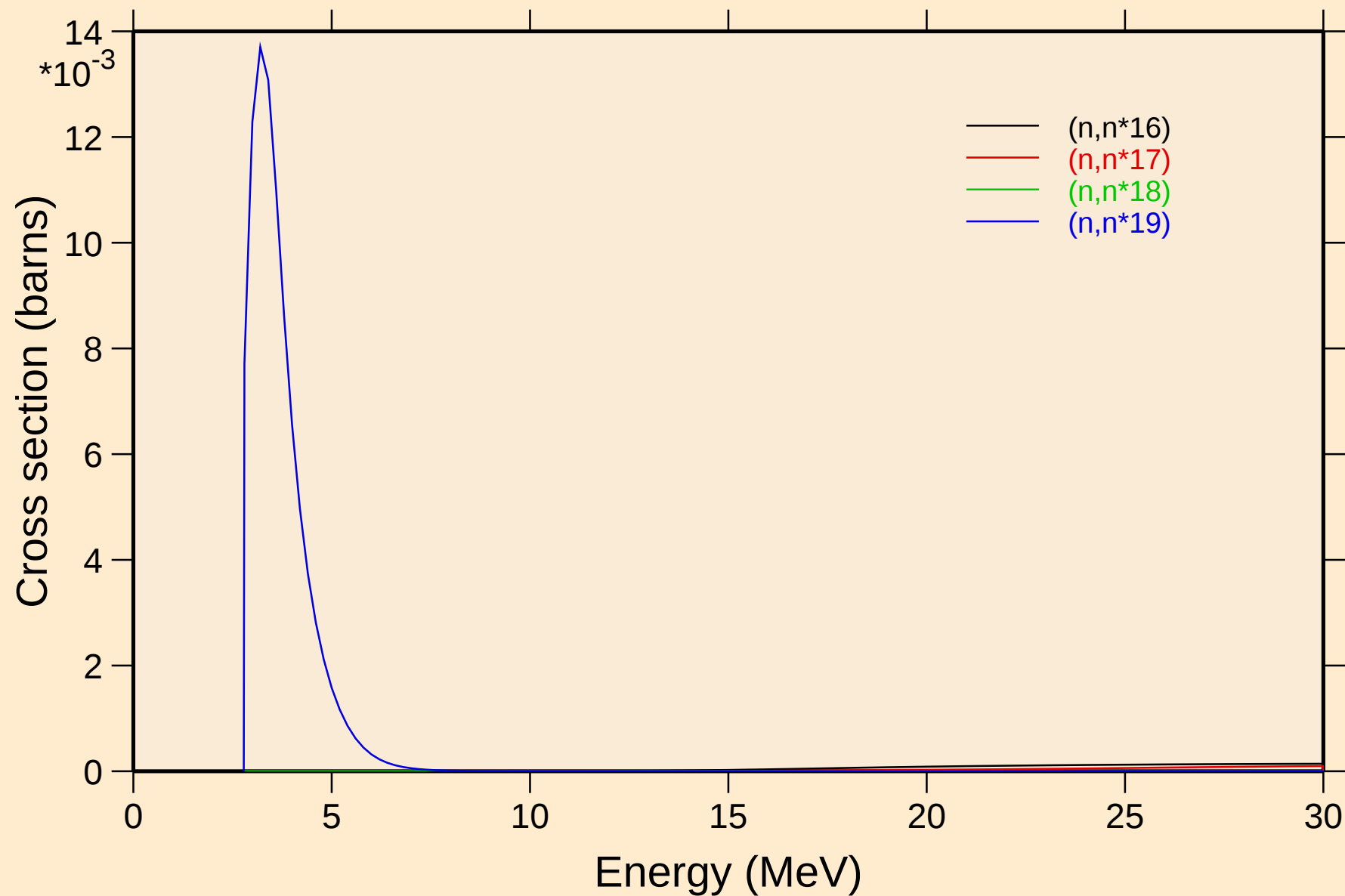
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



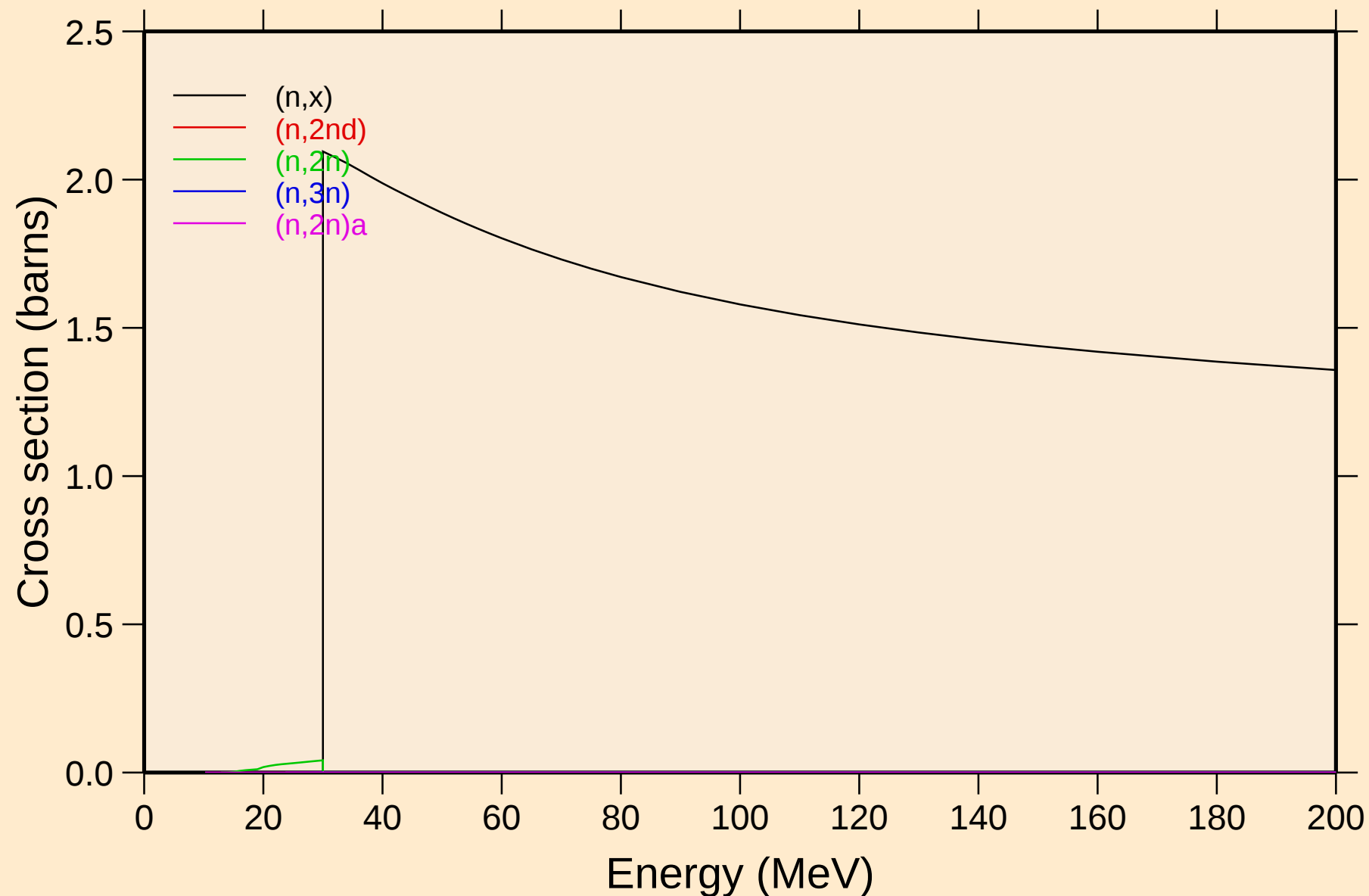
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



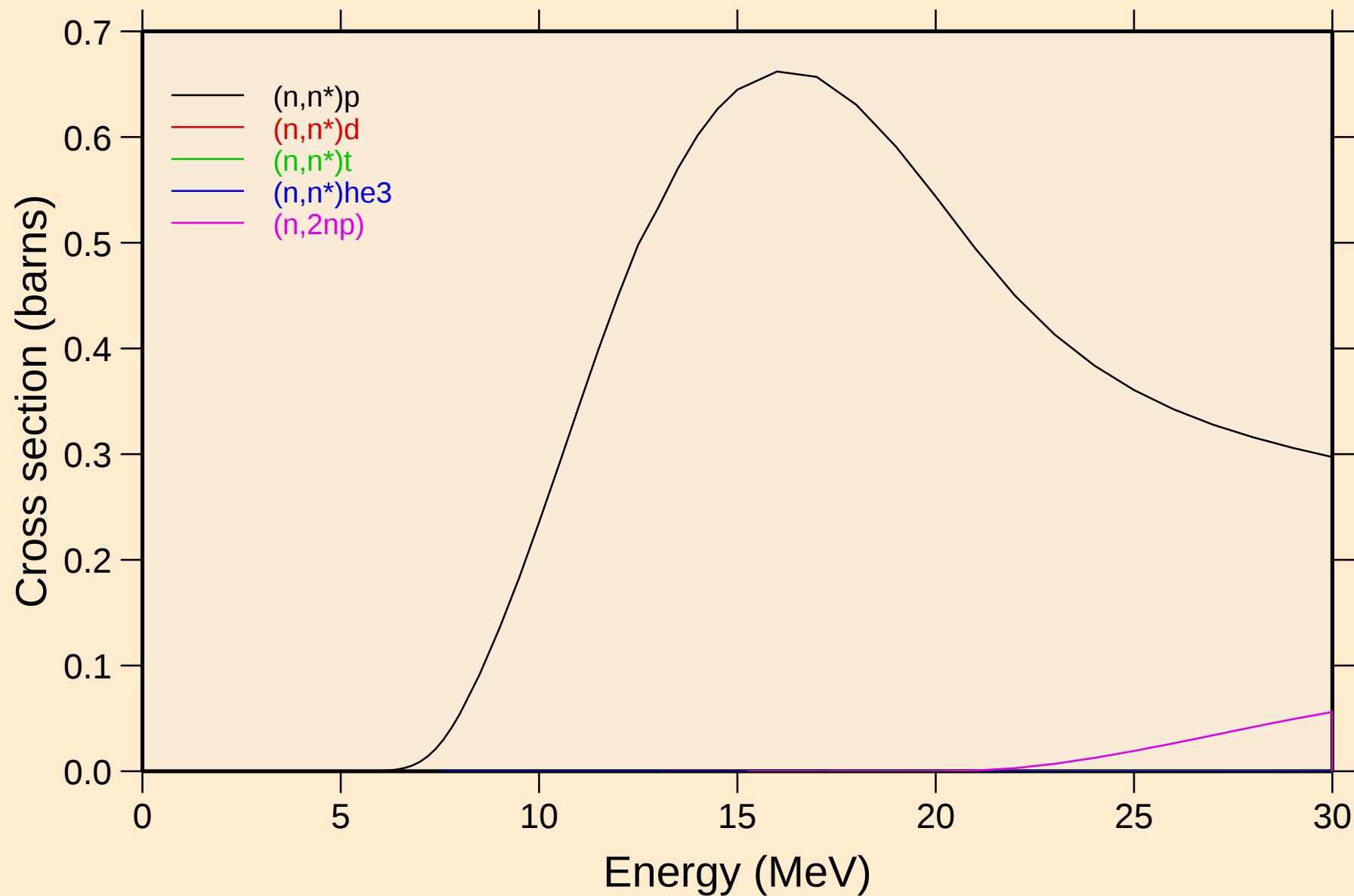
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



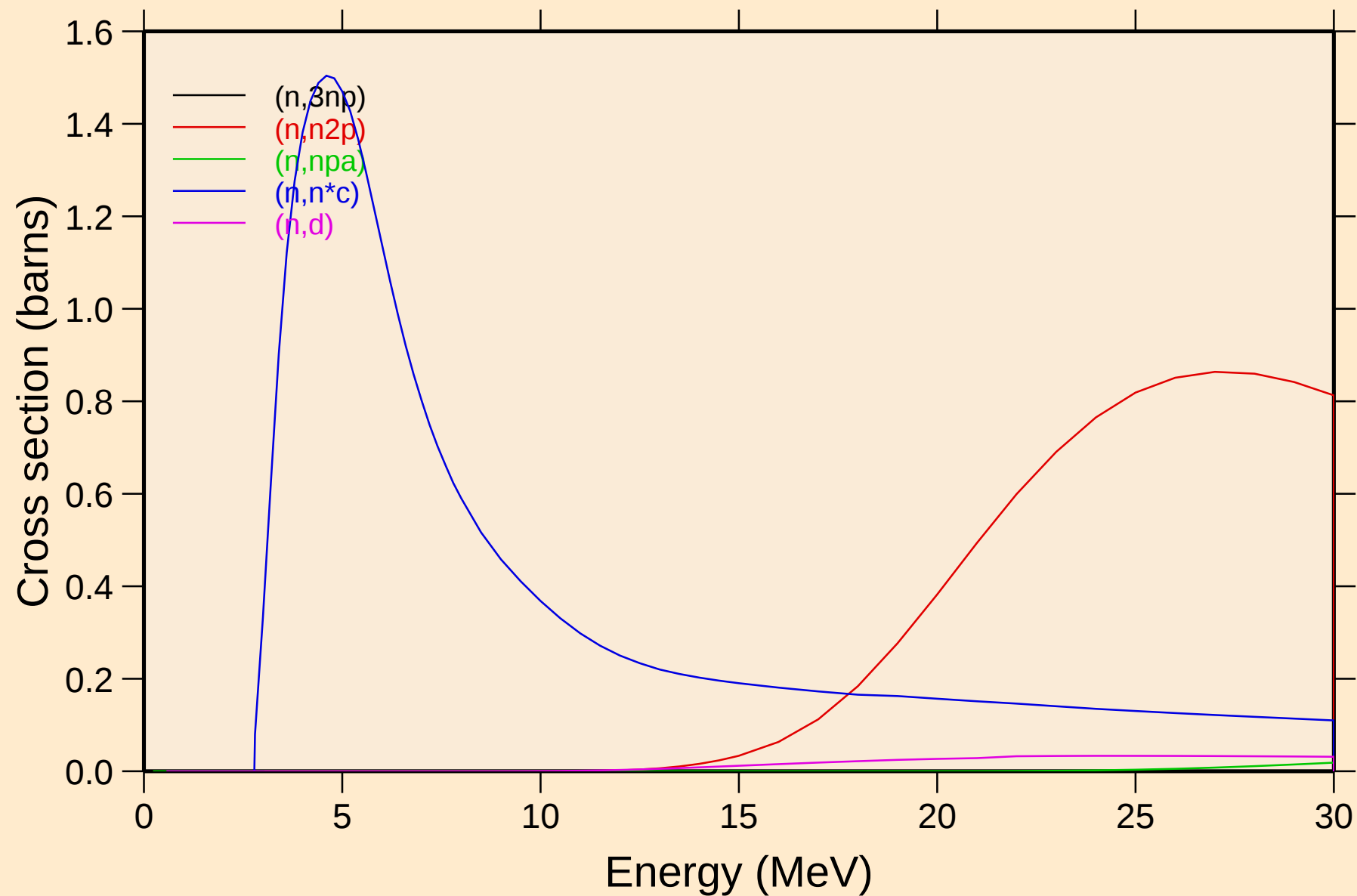
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



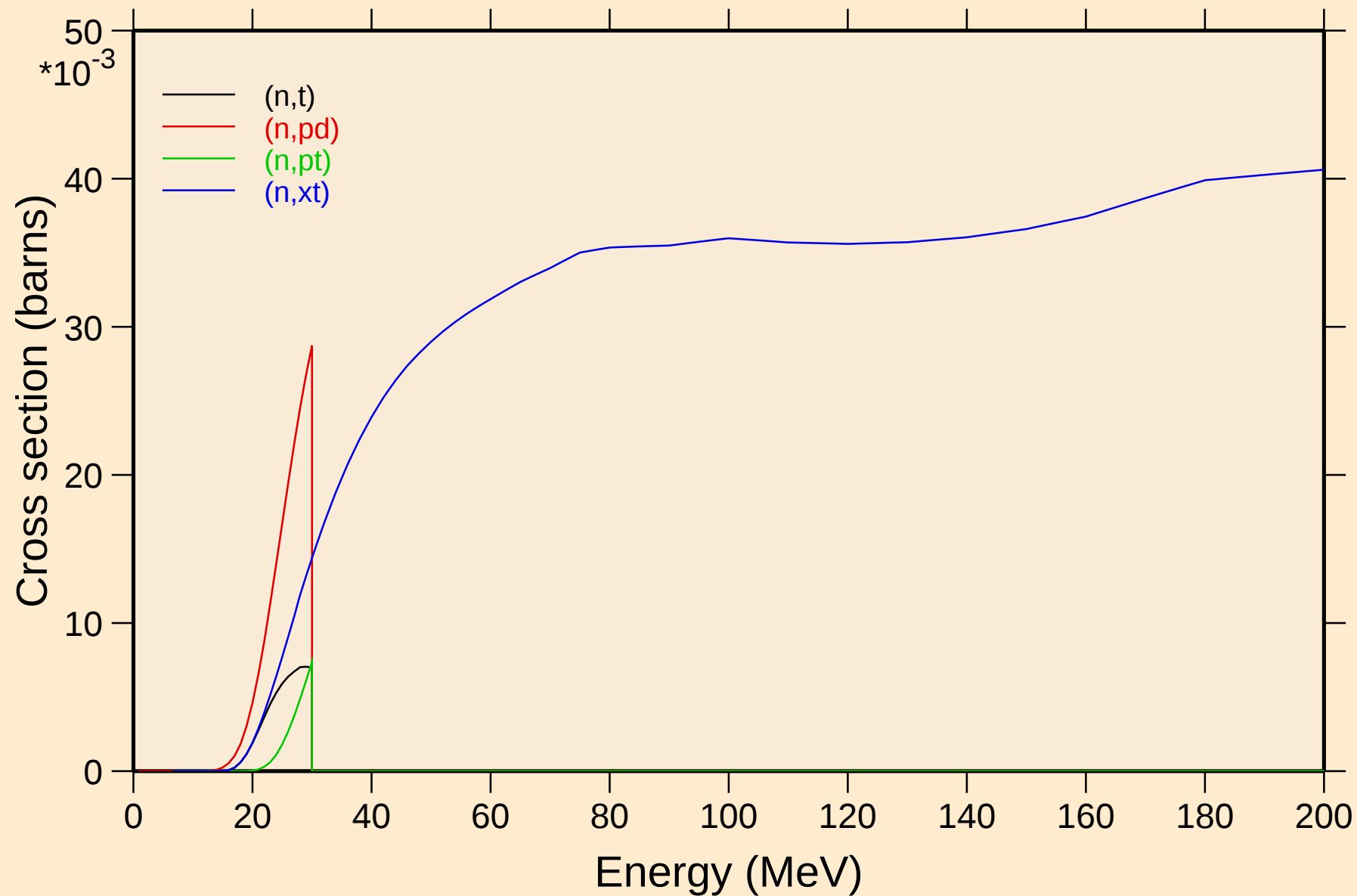
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

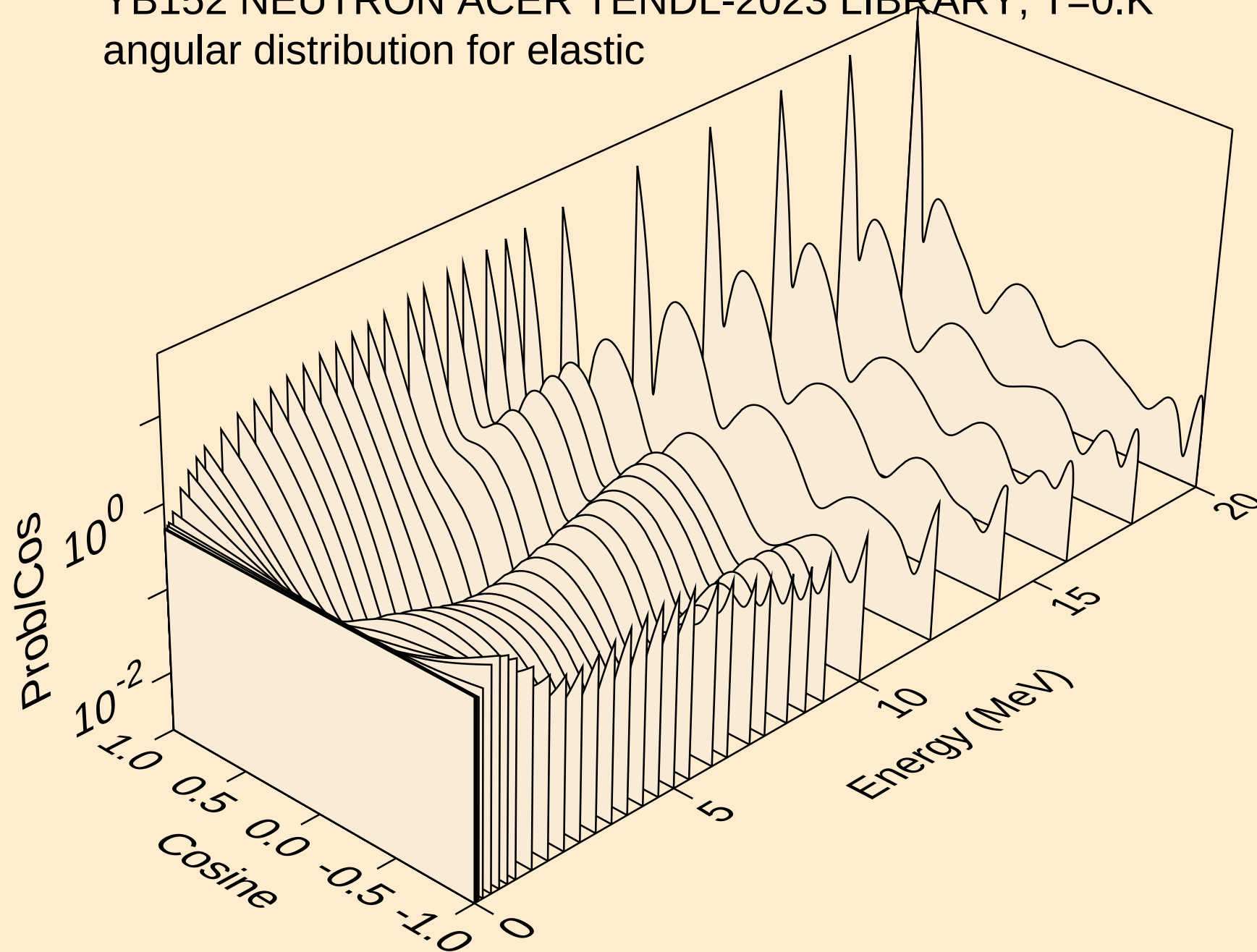


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

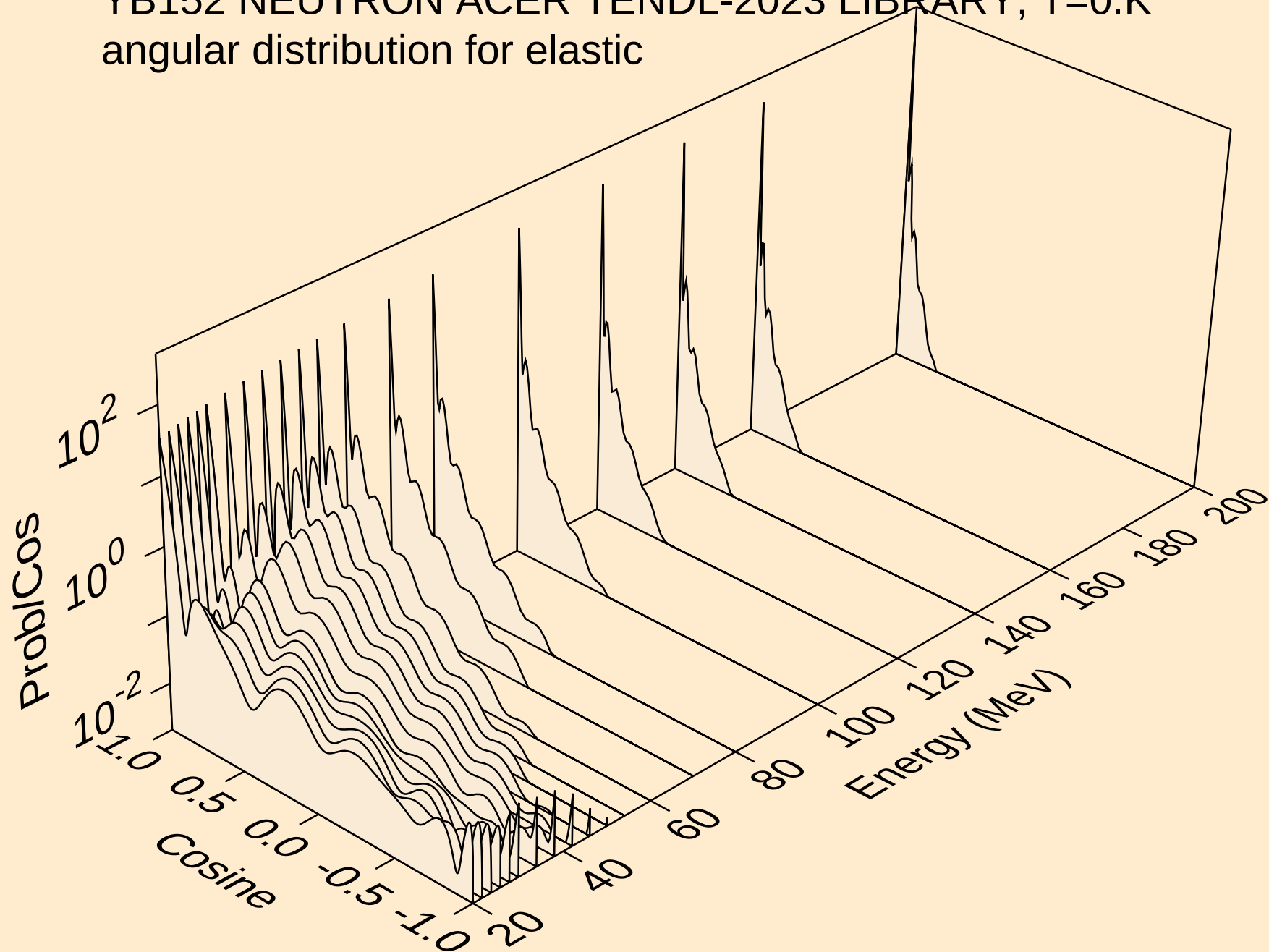
Threshold reactions



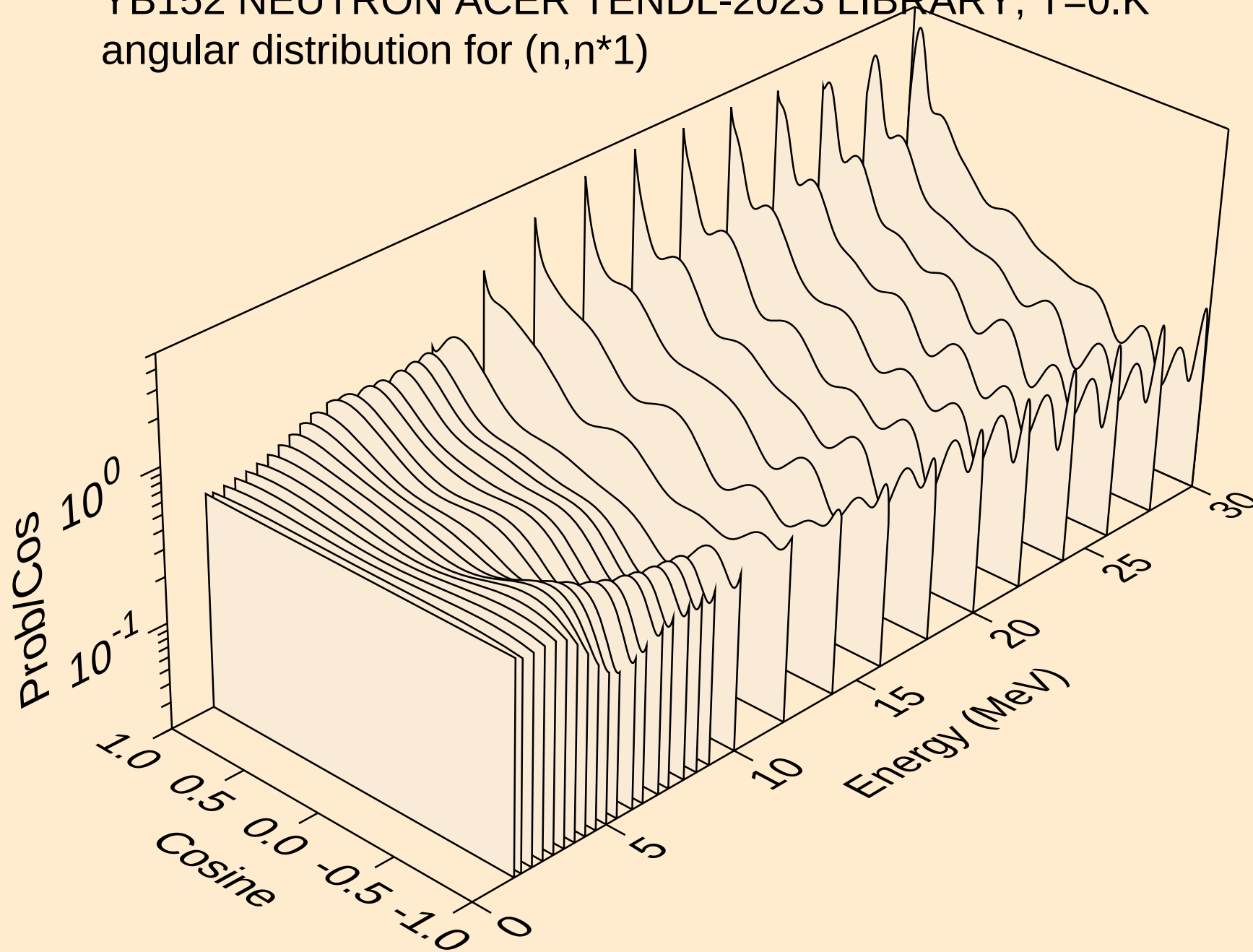
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



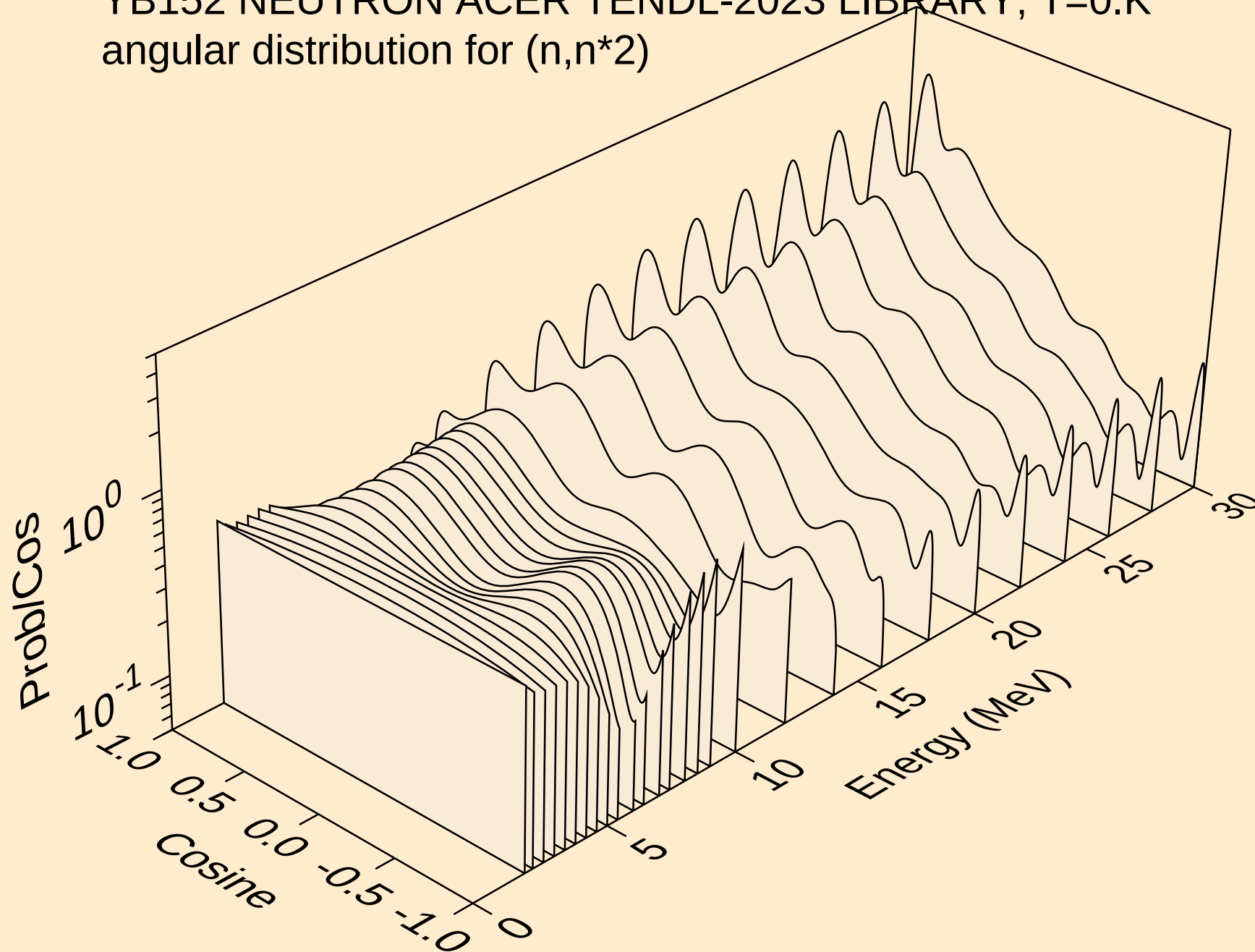
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



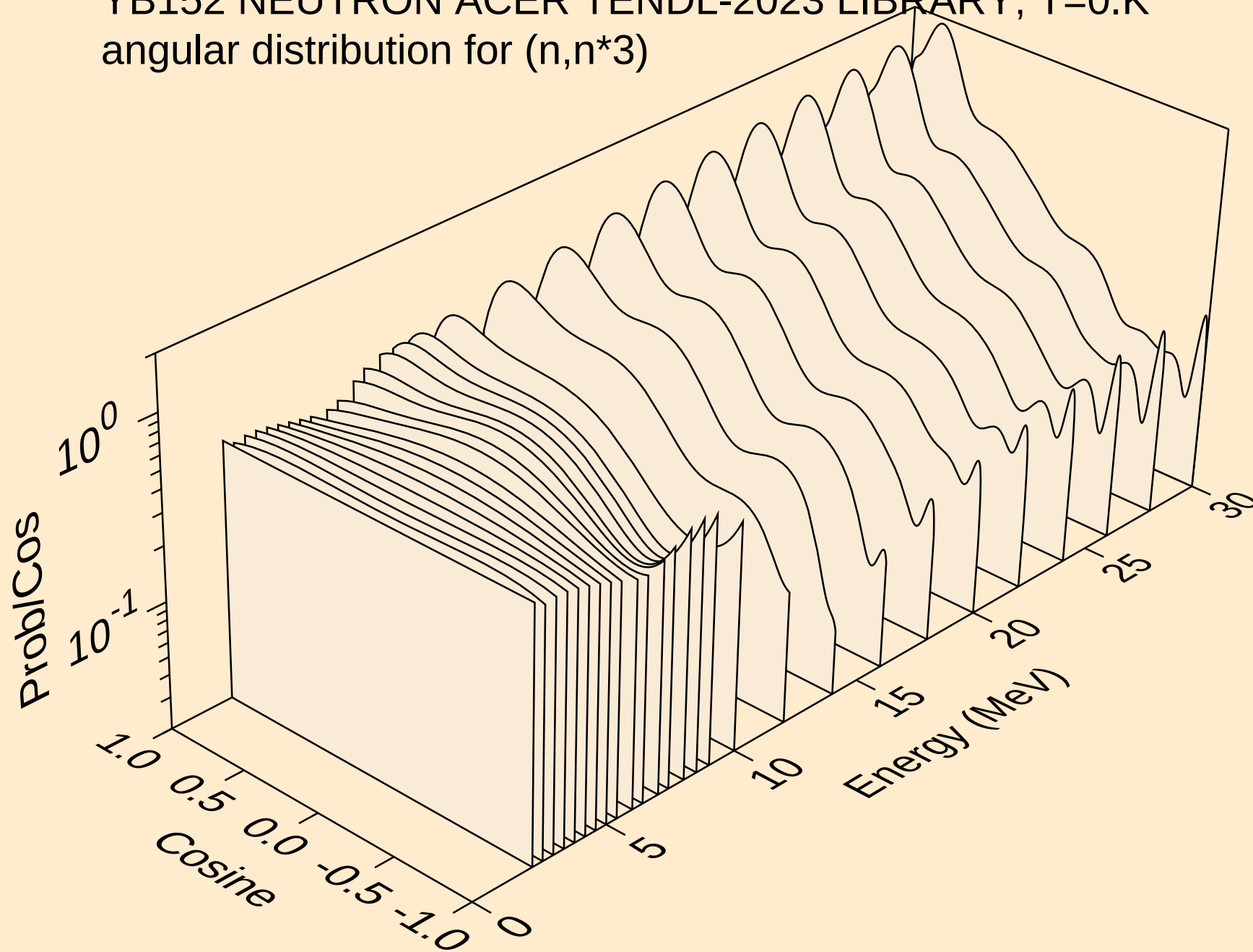
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



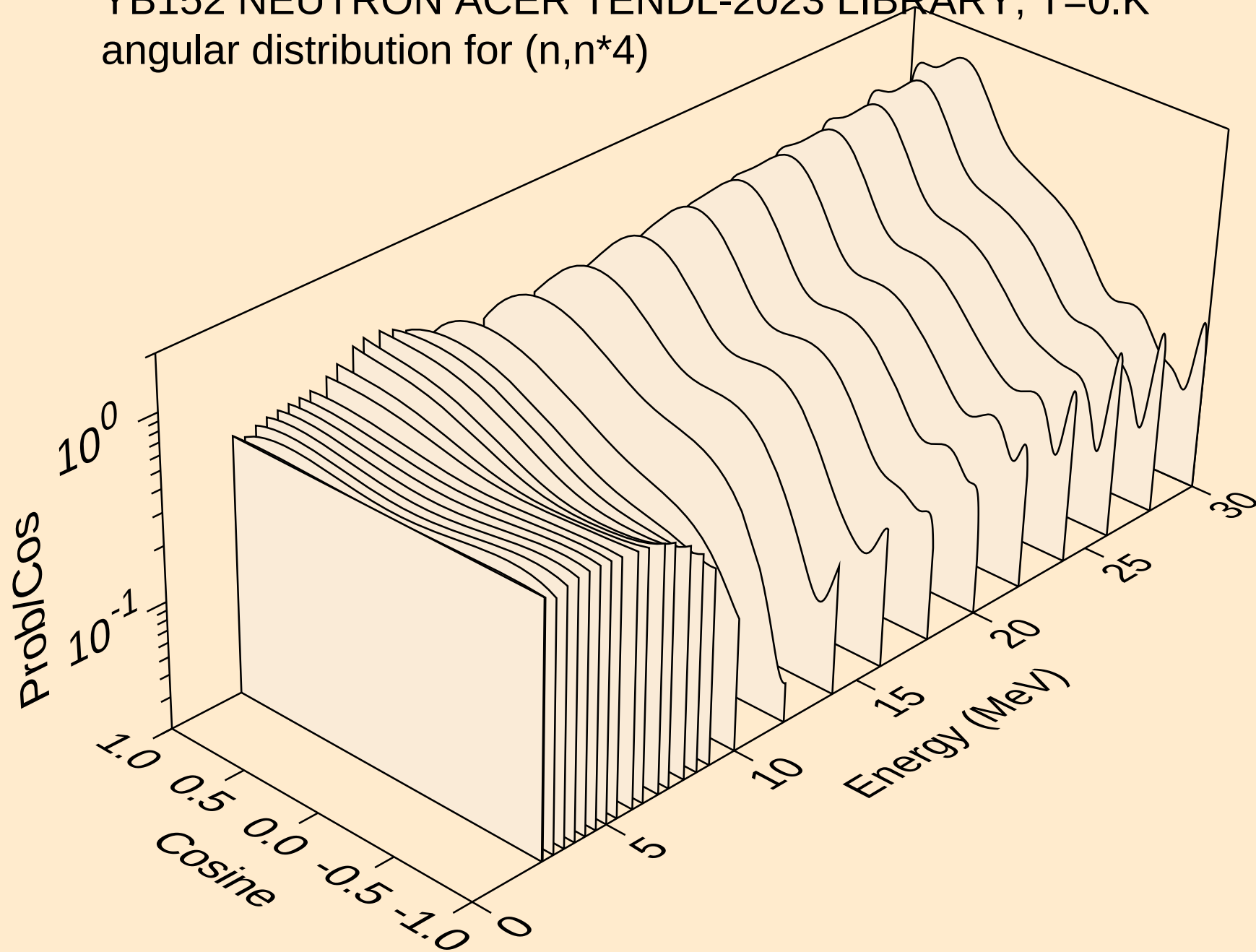
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



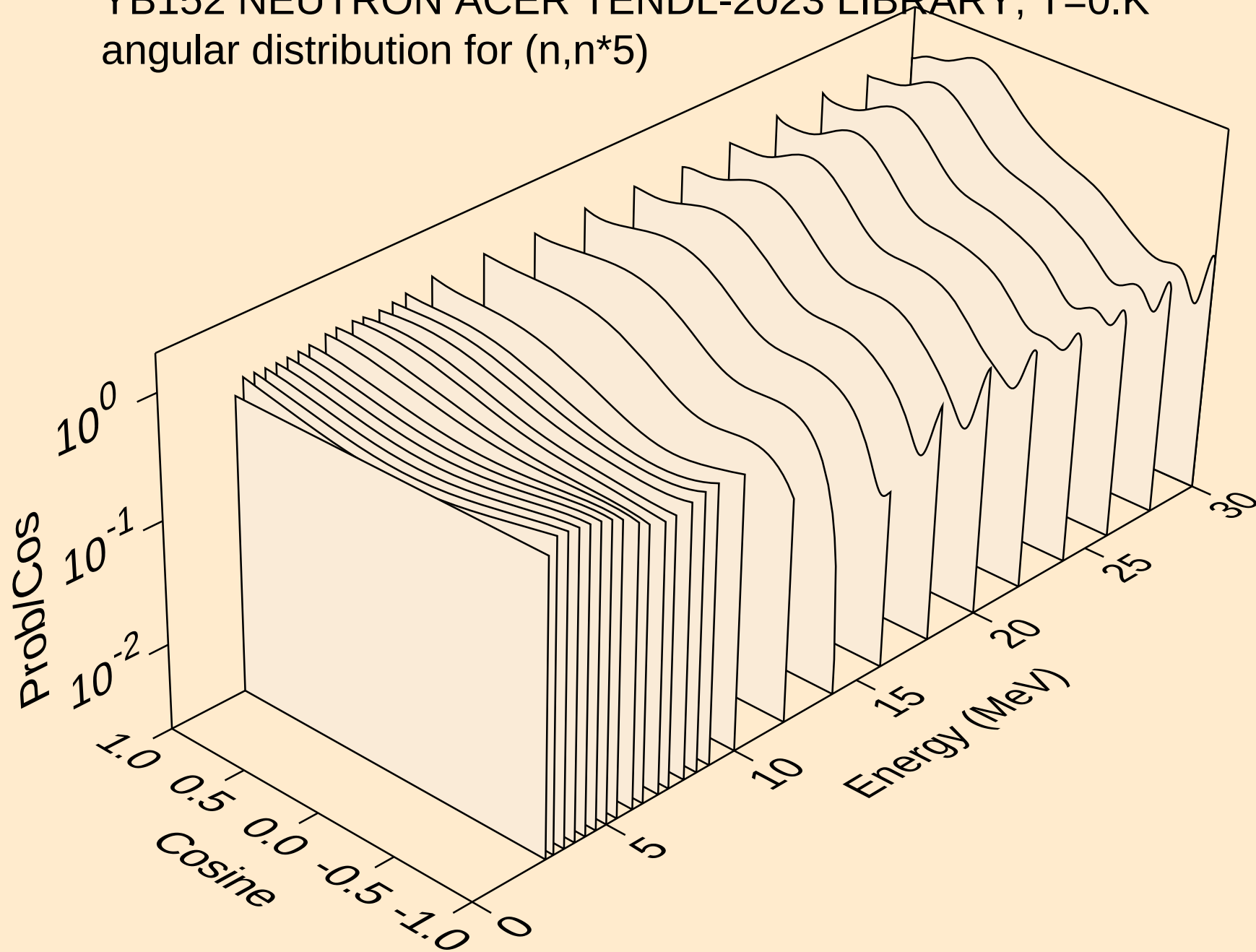
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



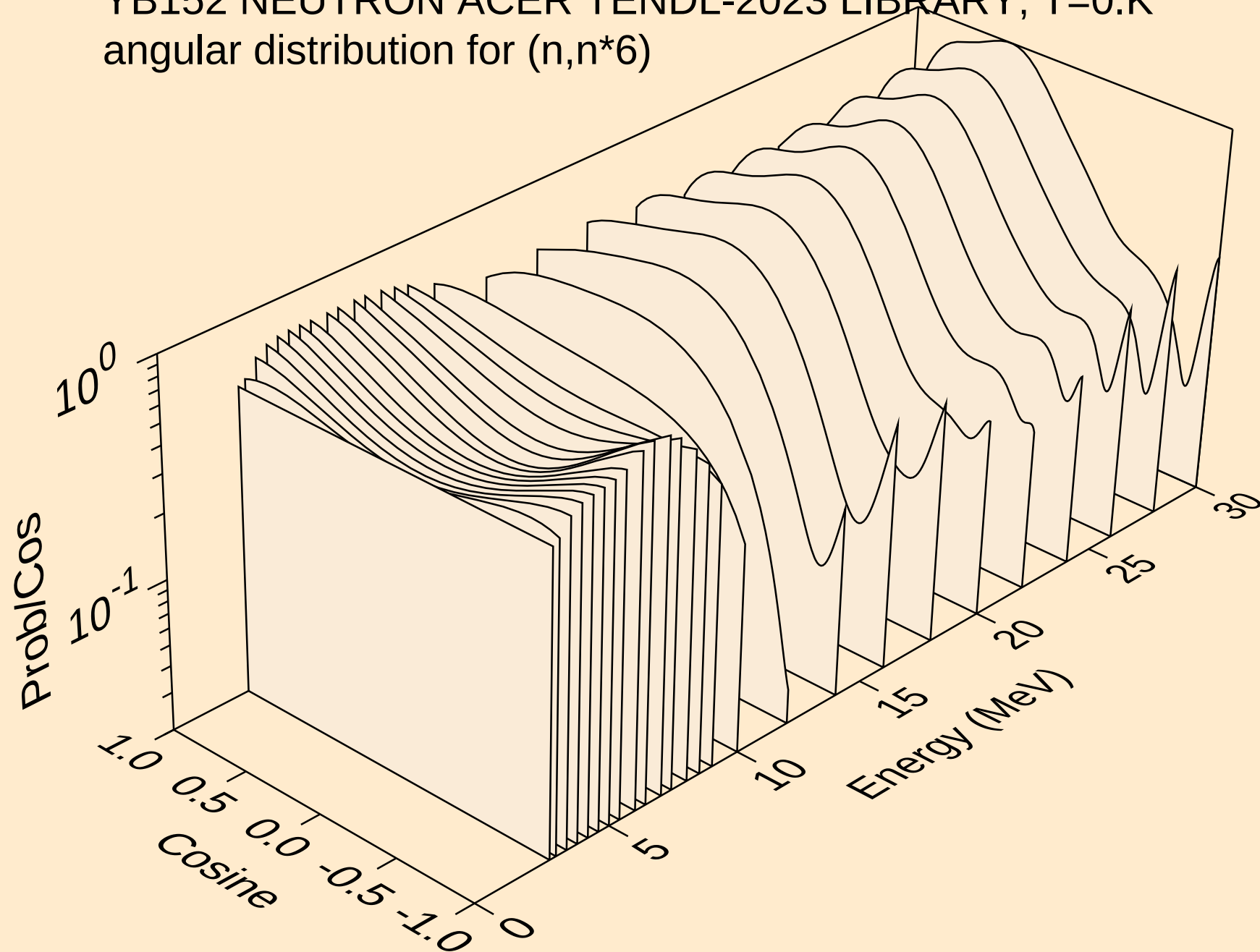
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



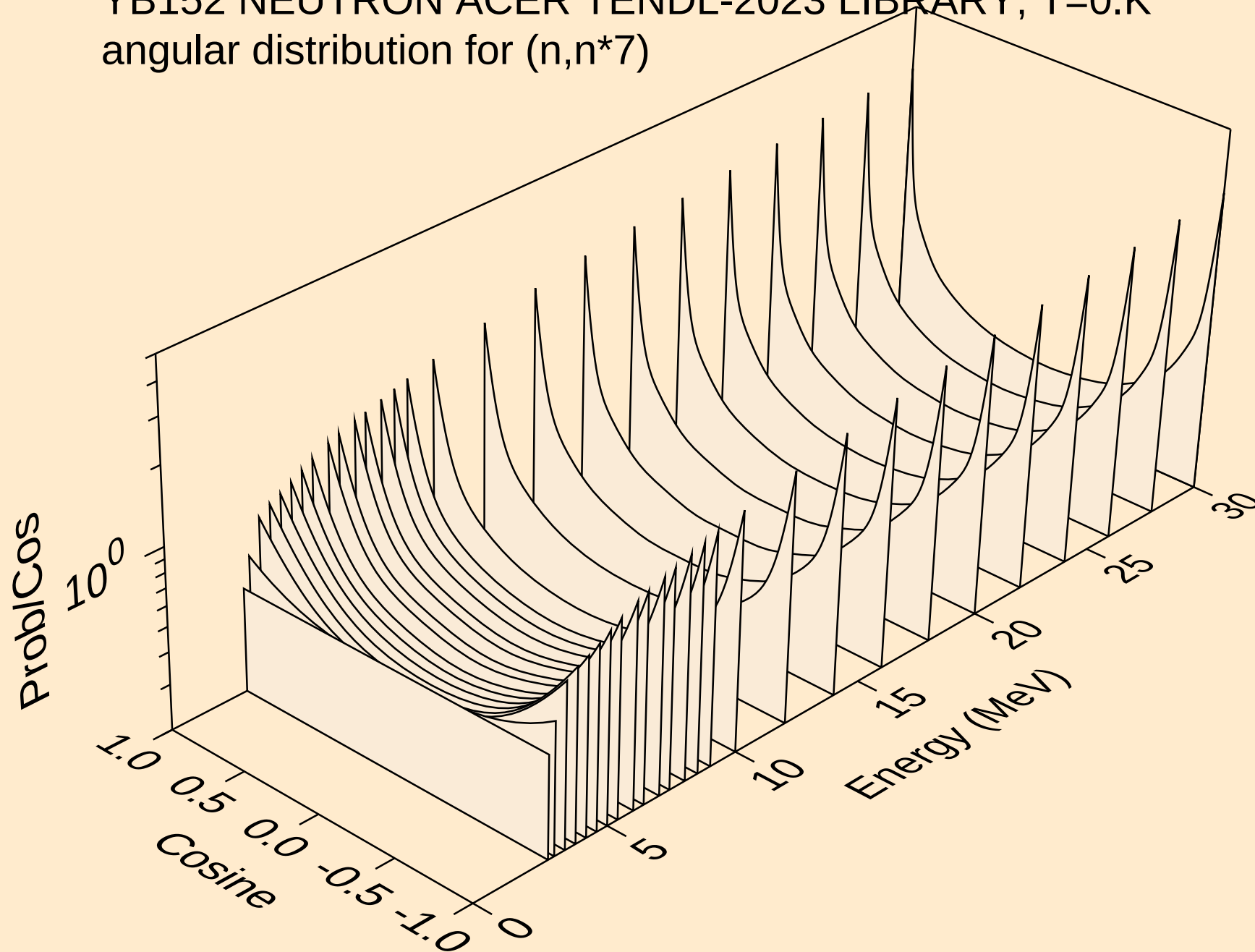
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



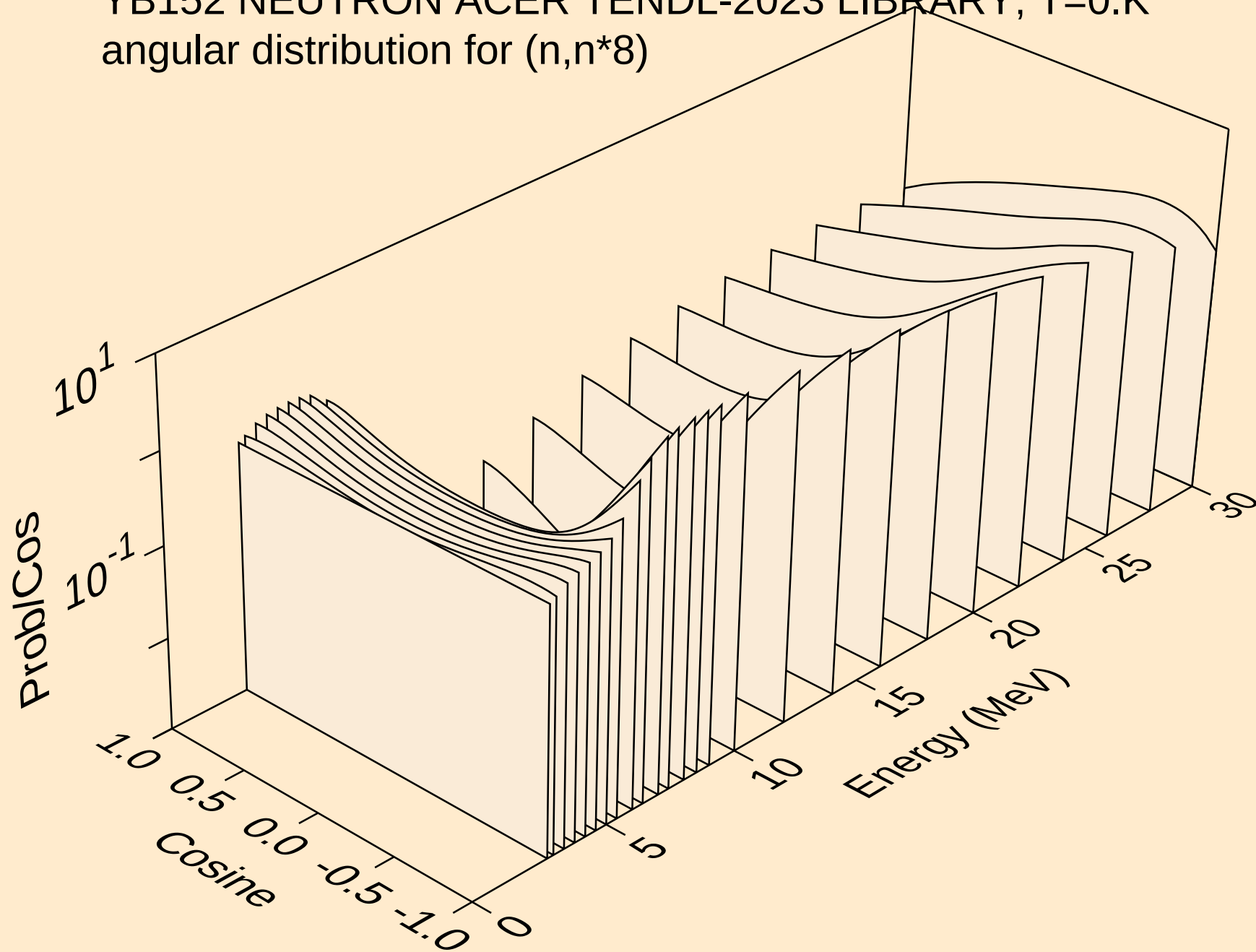
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angular distribution for (n,n*6)



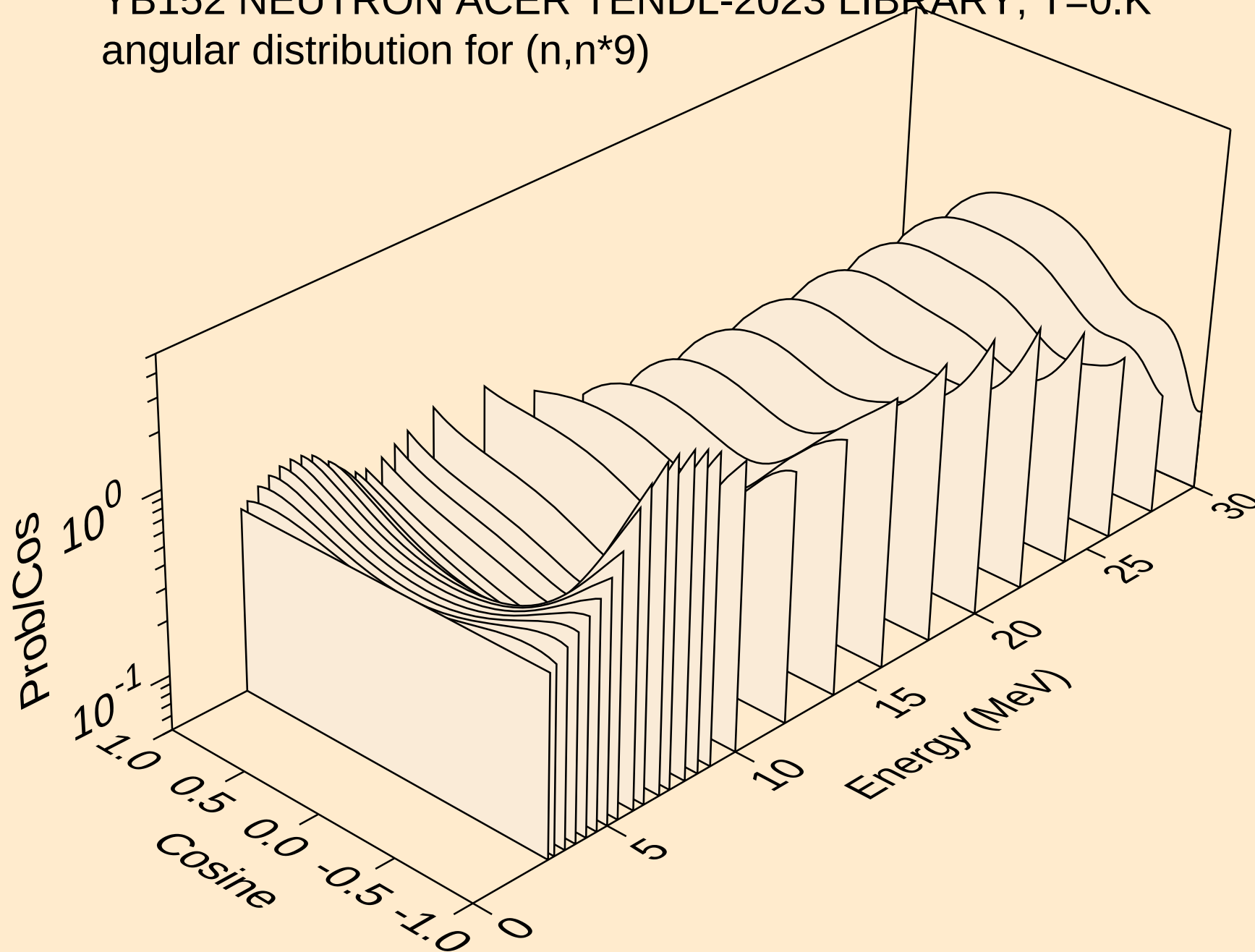
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



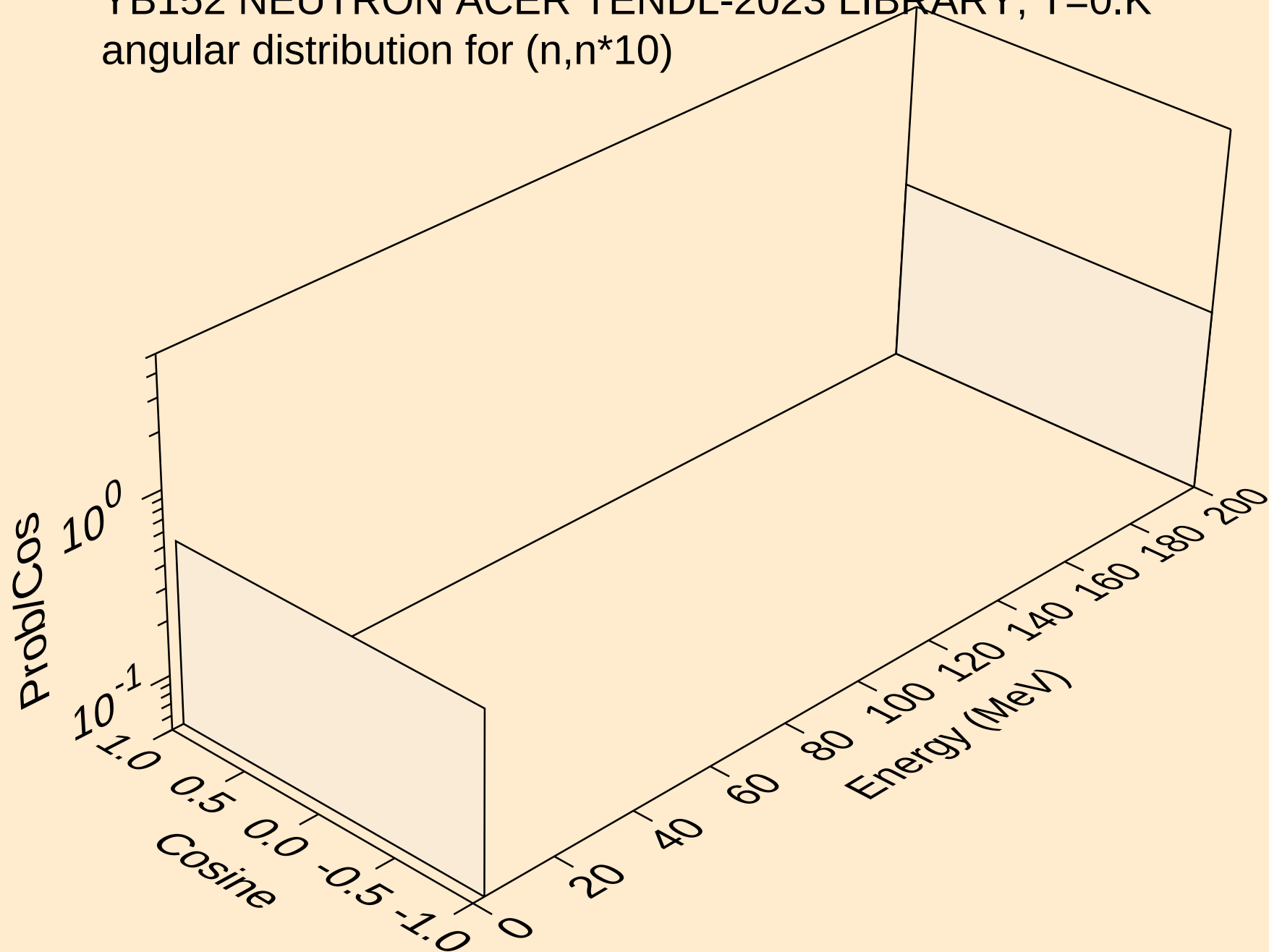
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



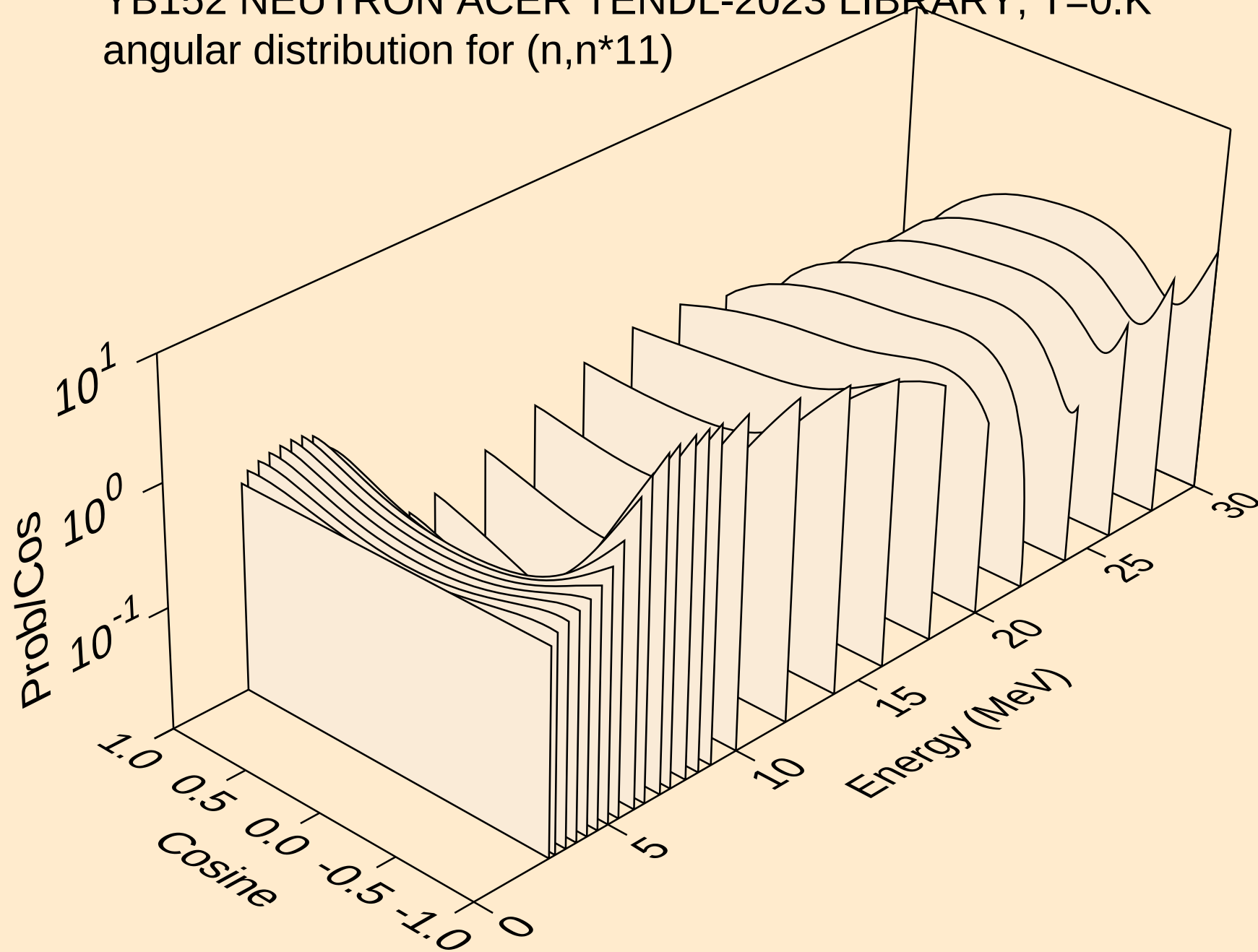
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angular distribution for (n,n*9)



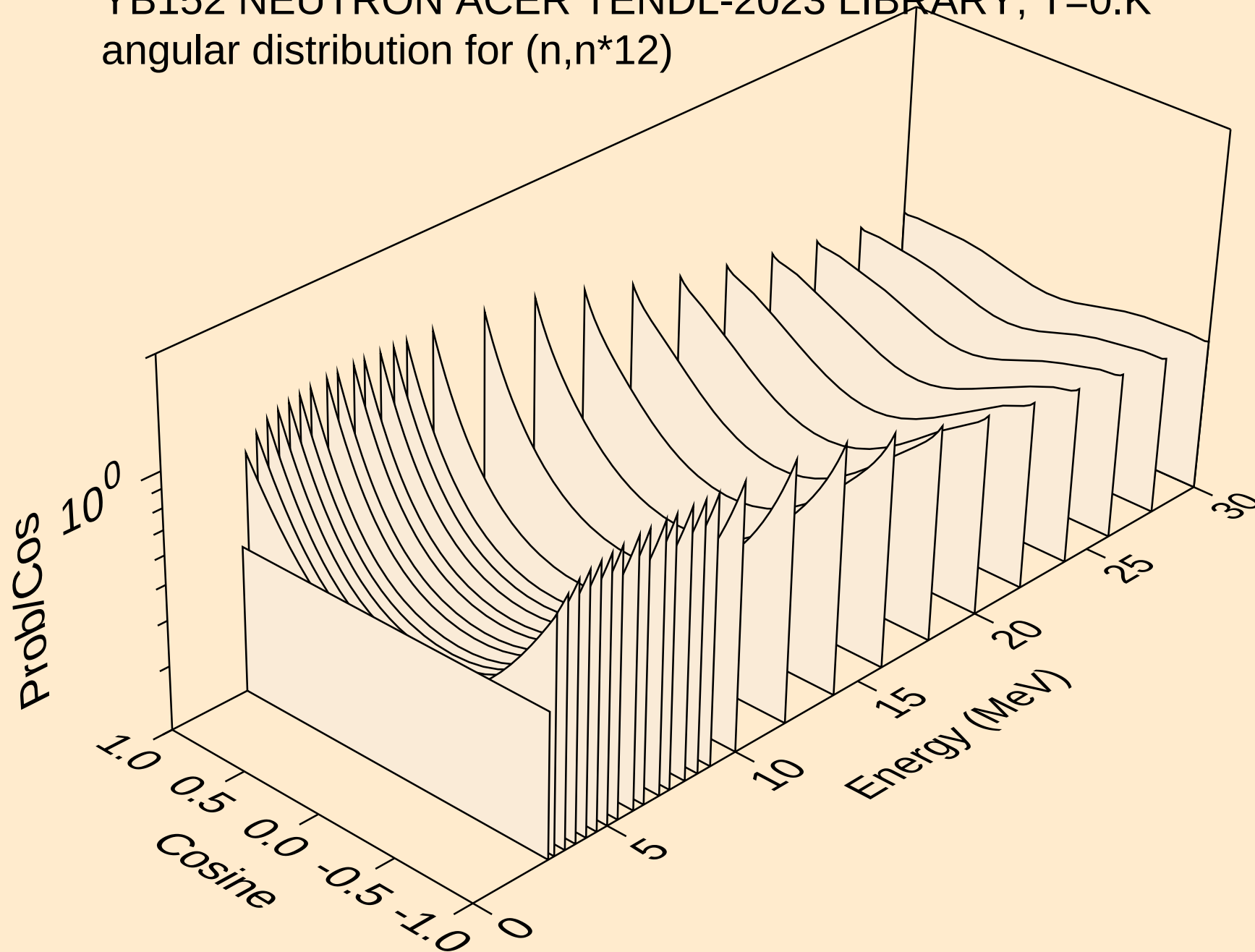
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angular distribution for (n,n*10)



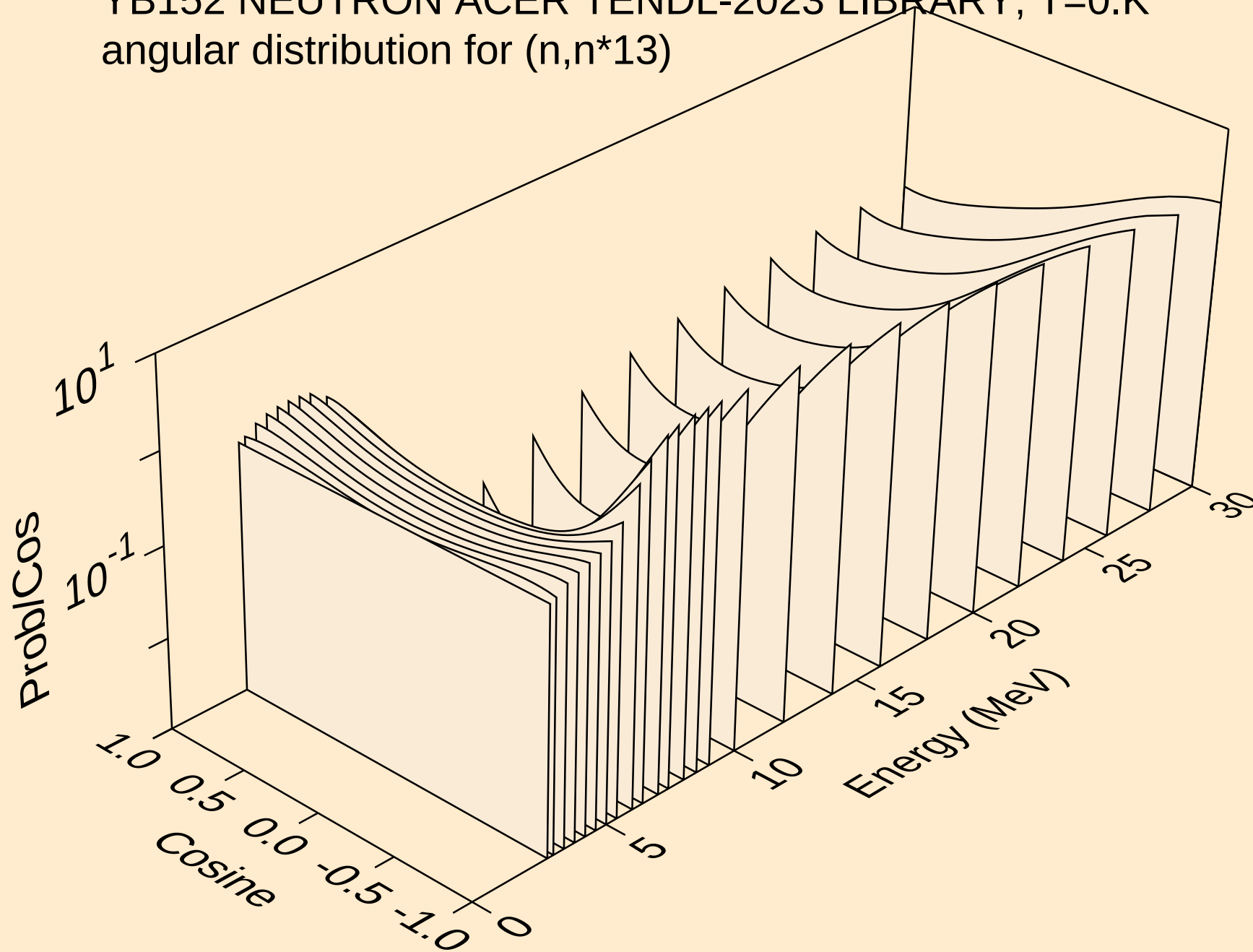
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angular distribution for (n,n*11)



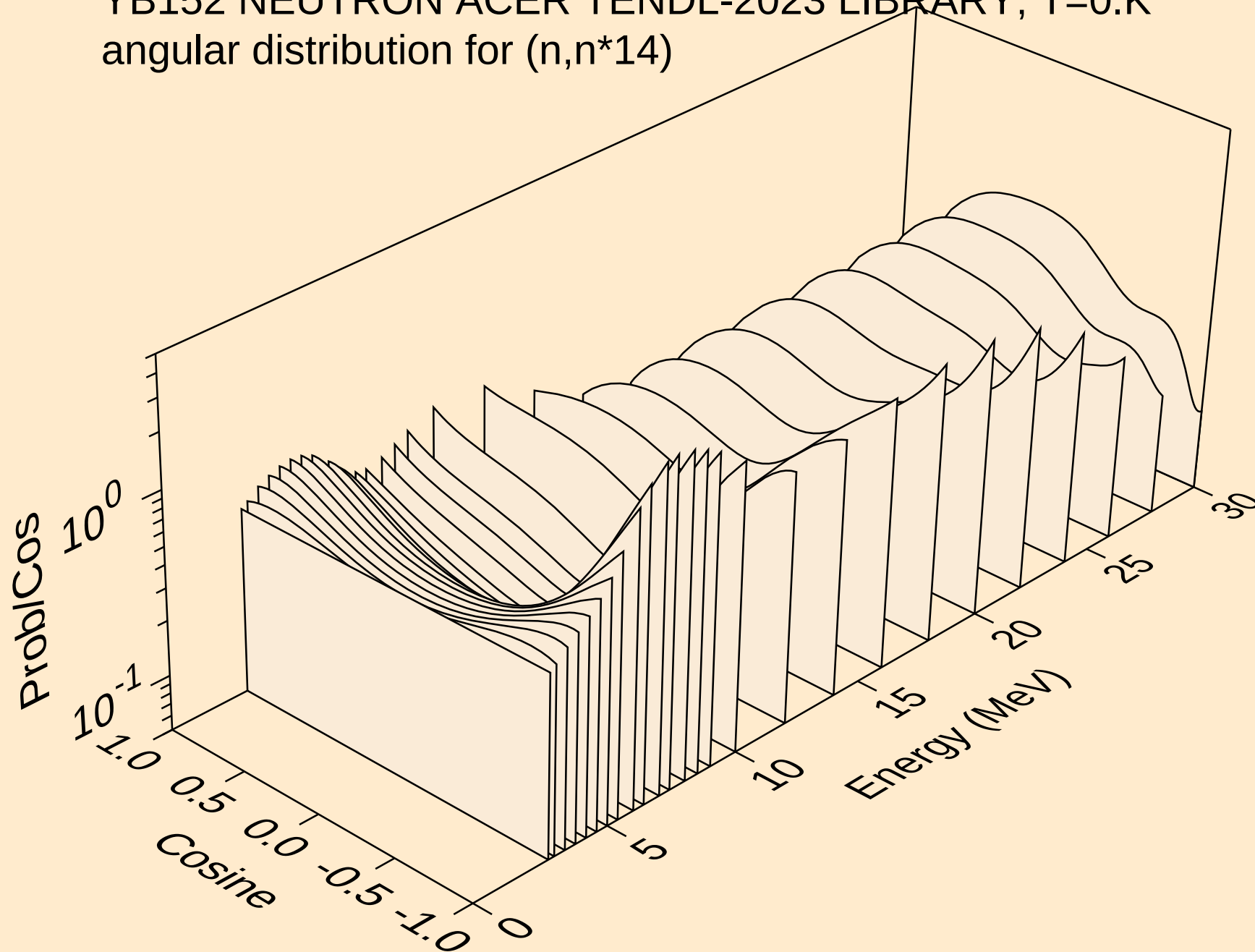
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angular distribution for (n,n*12)



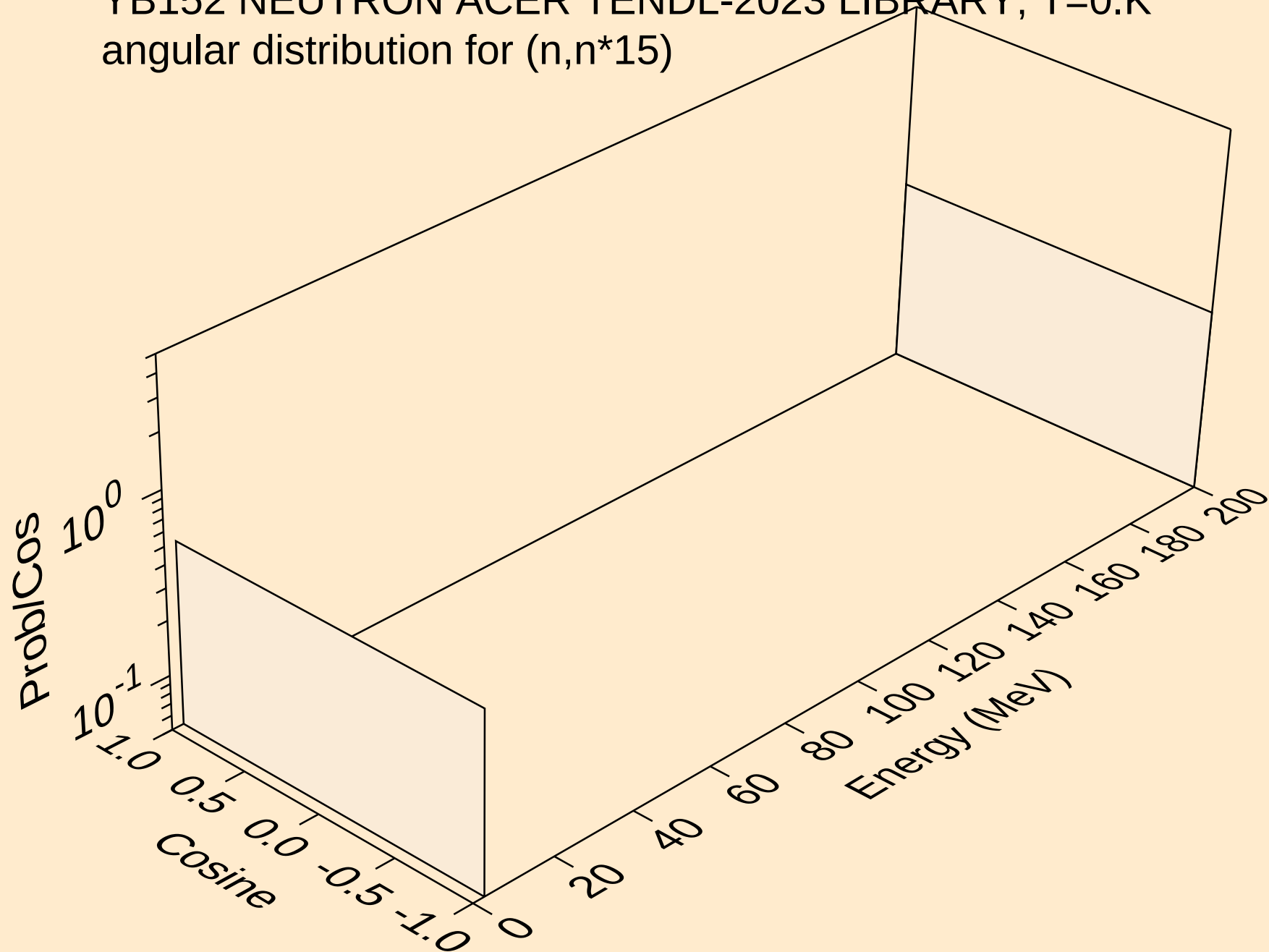
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



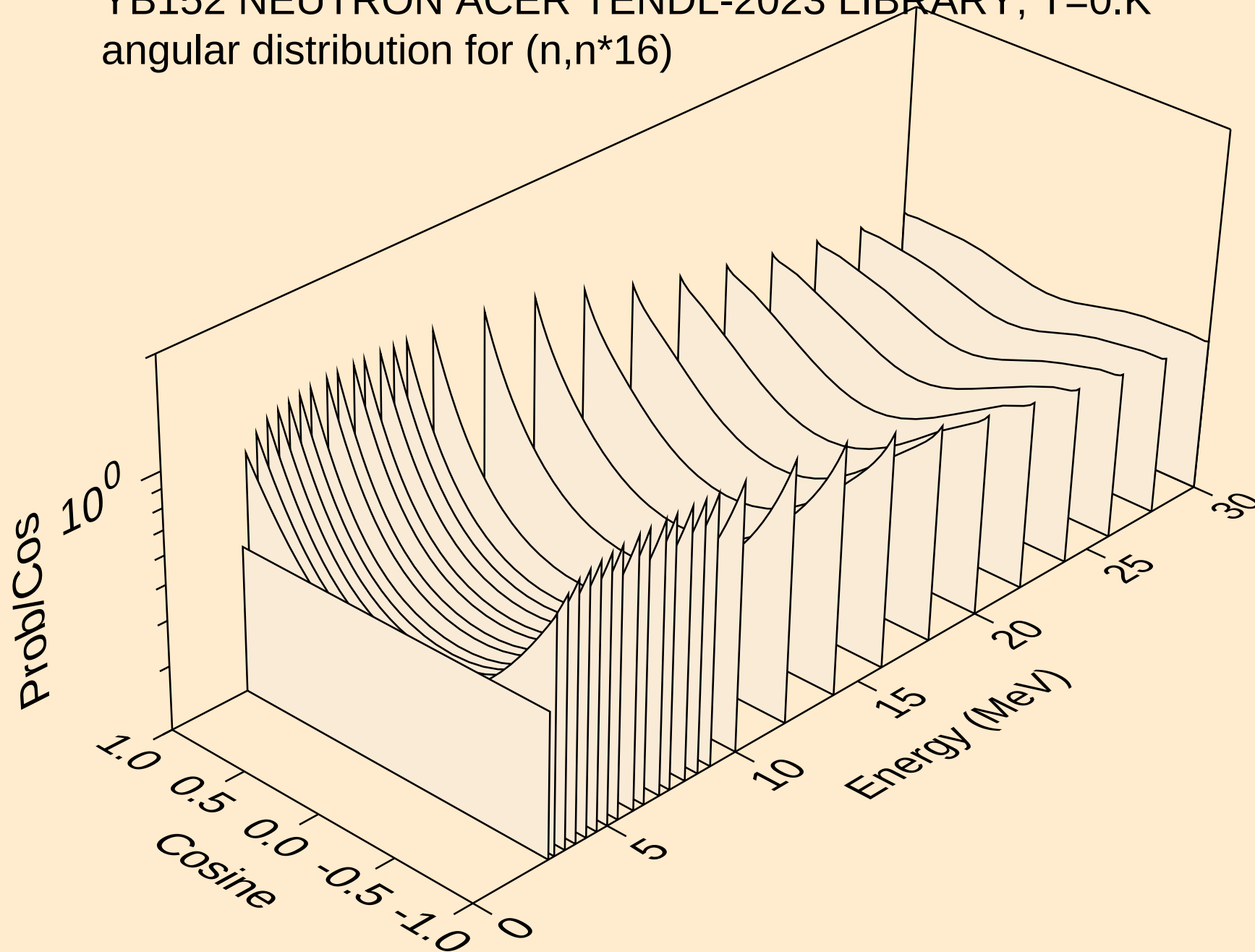
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



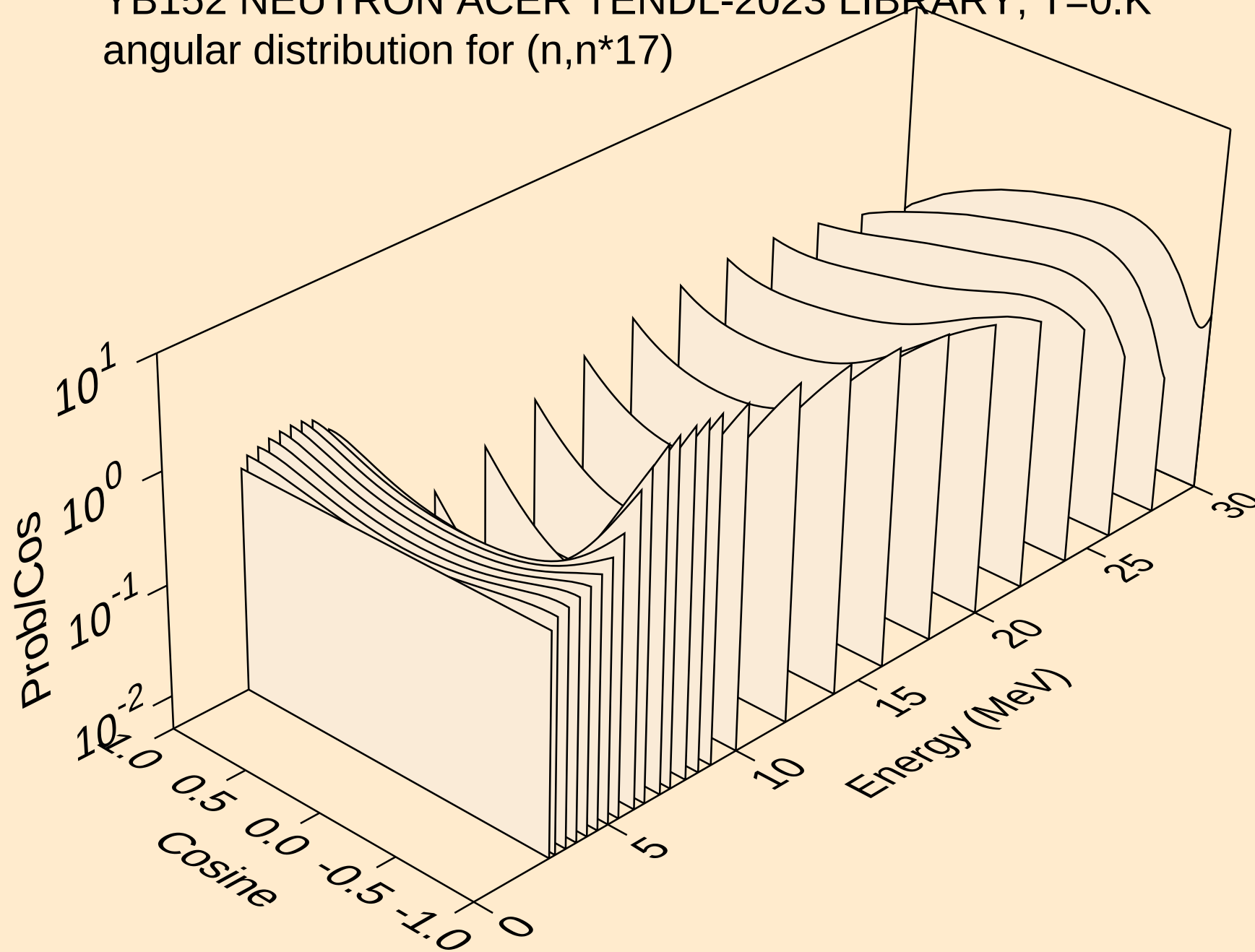
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angular distribution for (n,n*15)



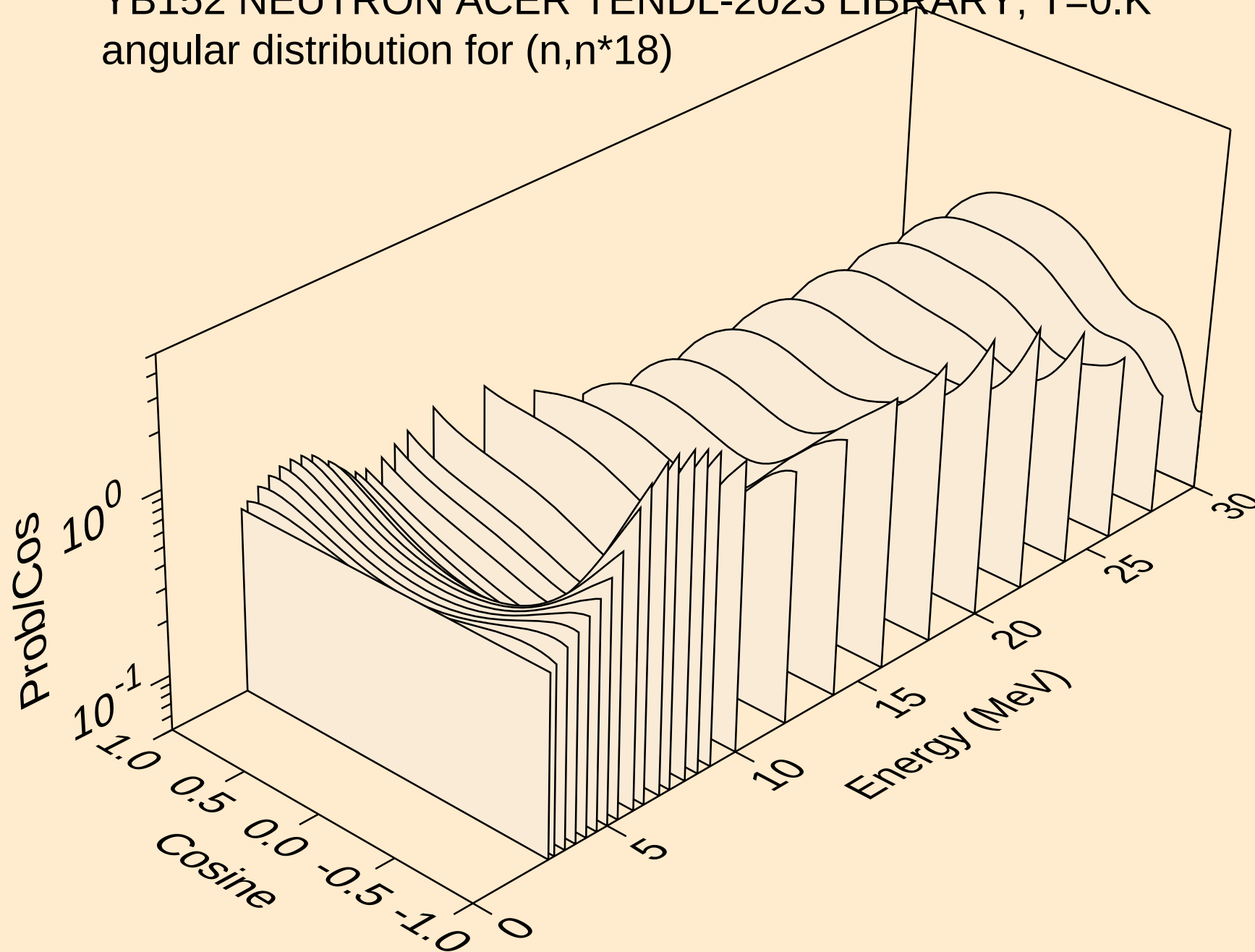
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



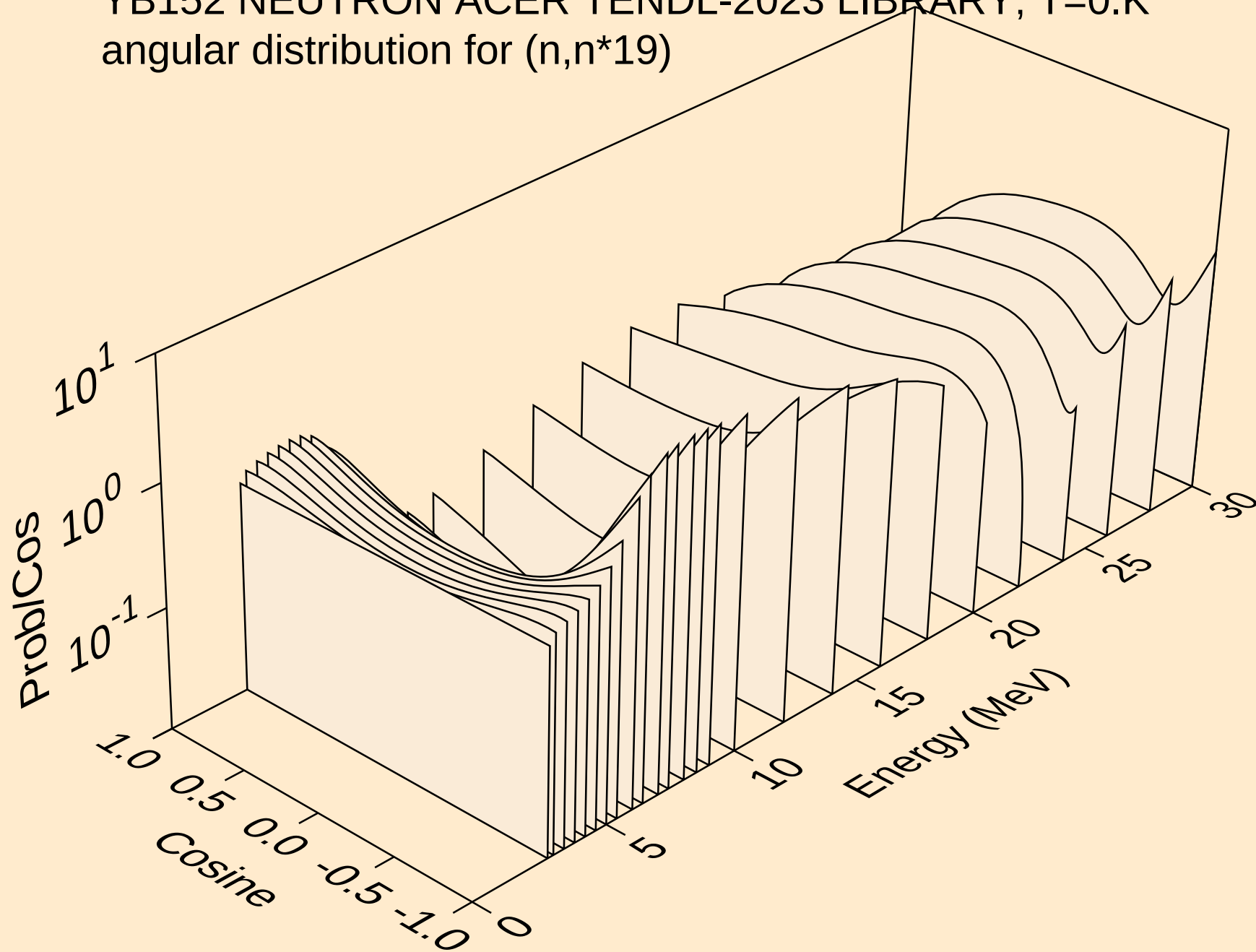
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



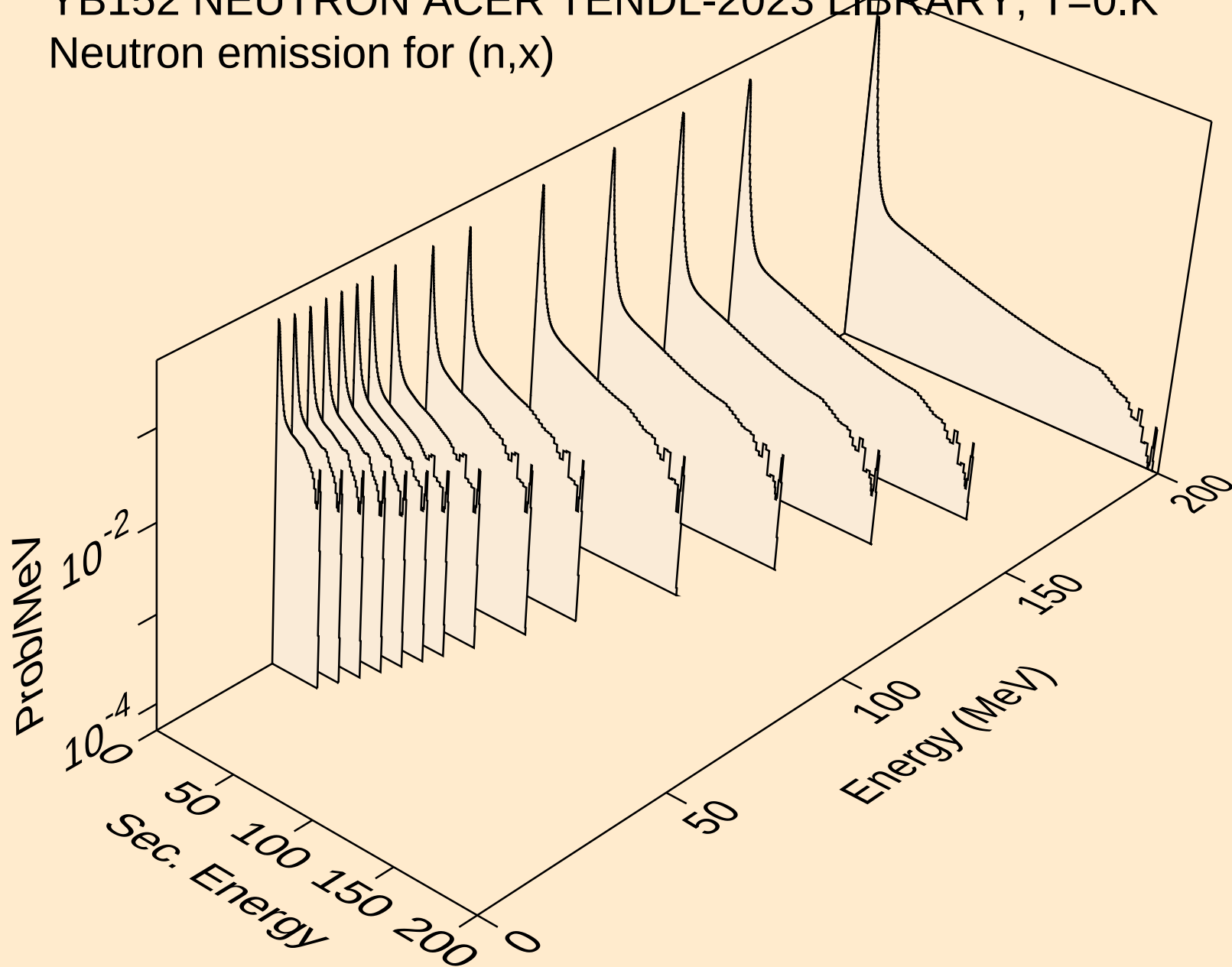
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



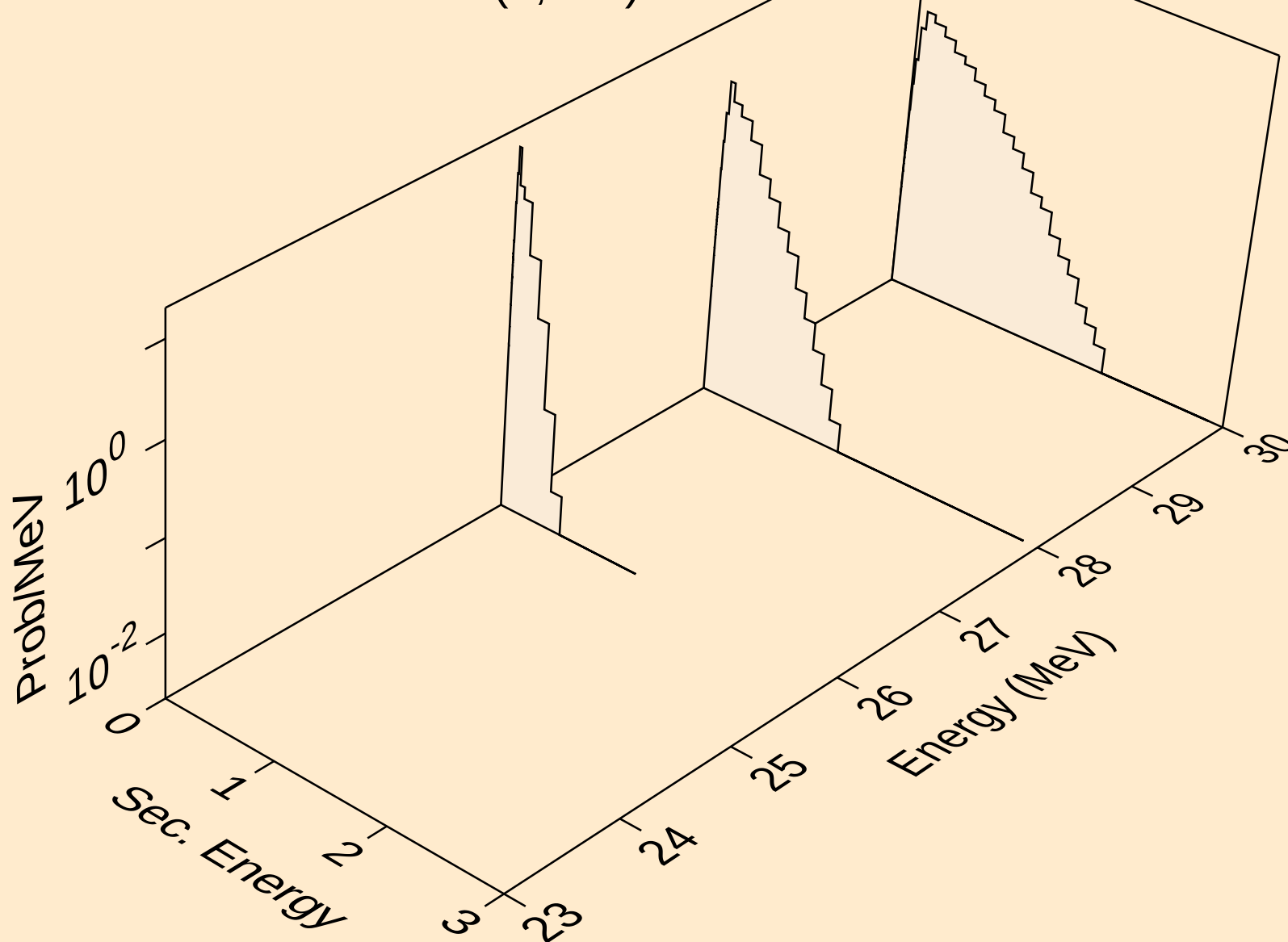
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



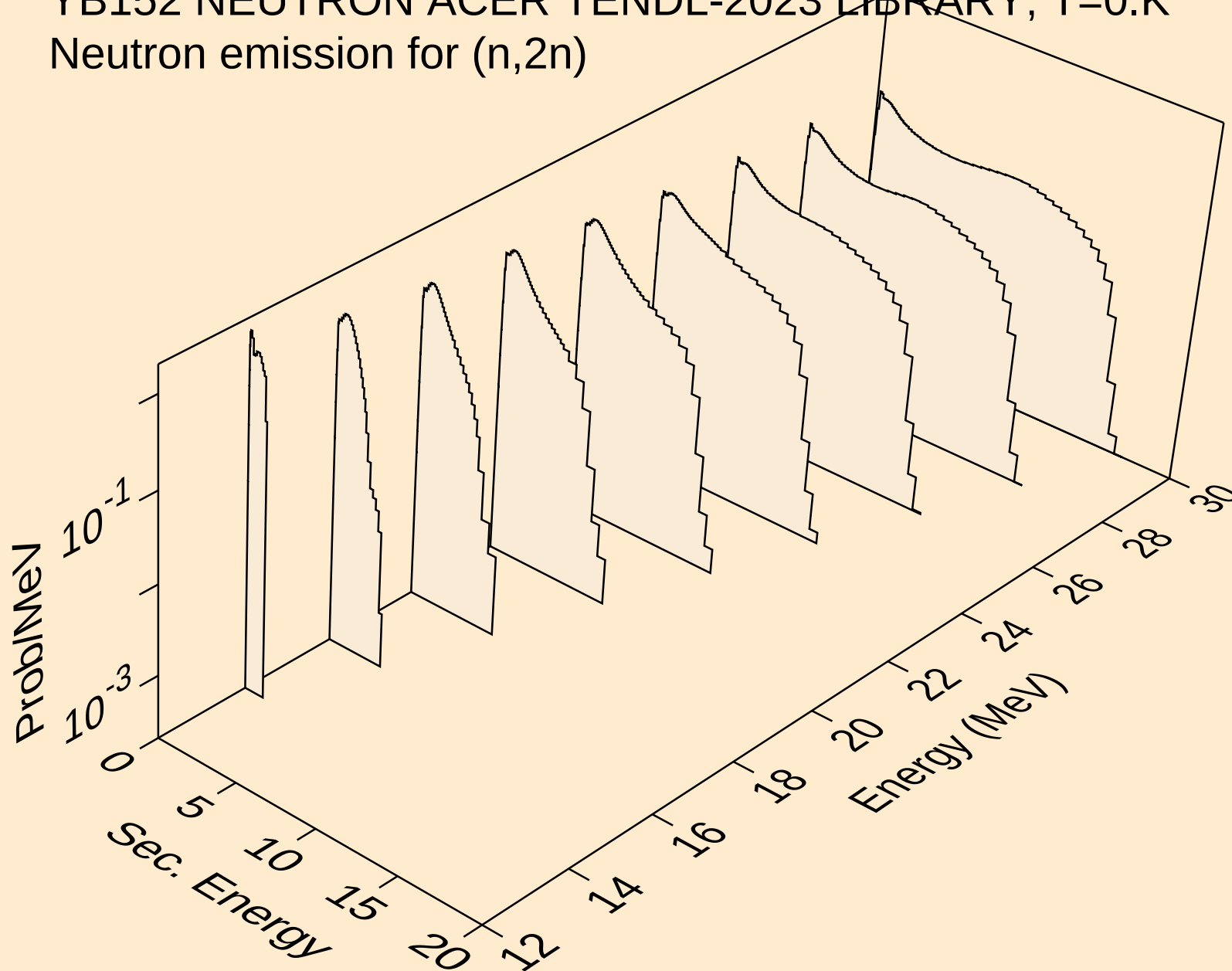
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



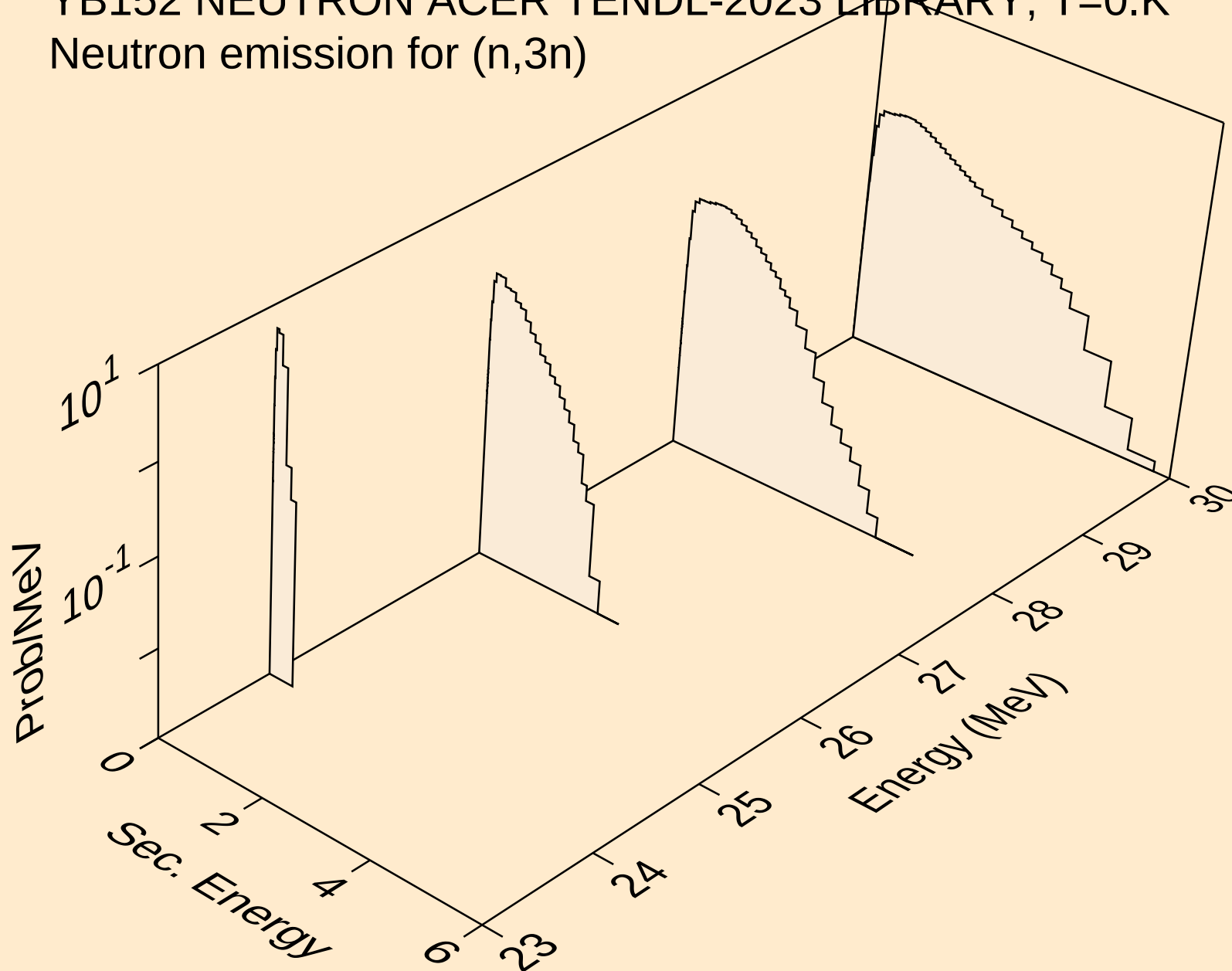
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

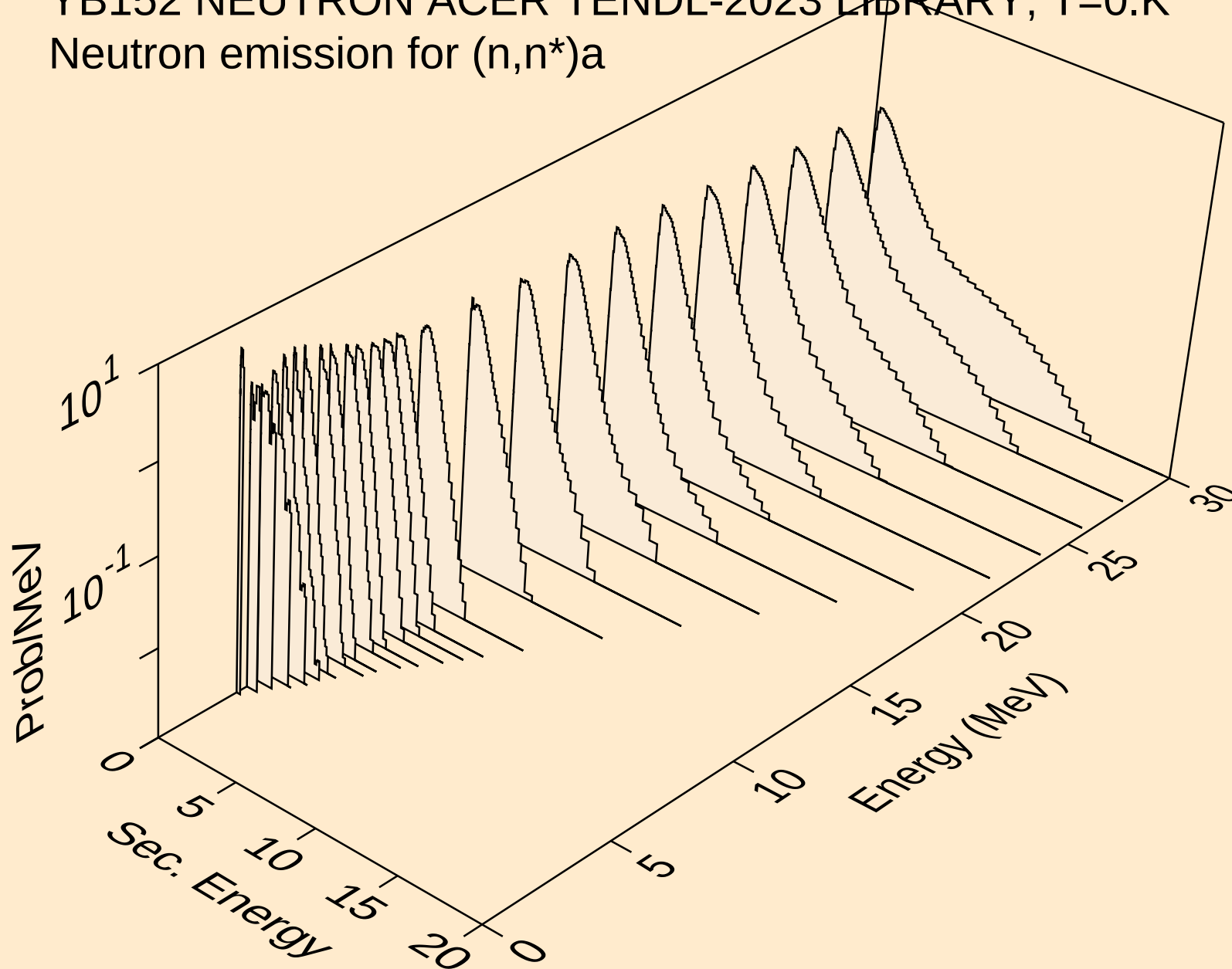


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

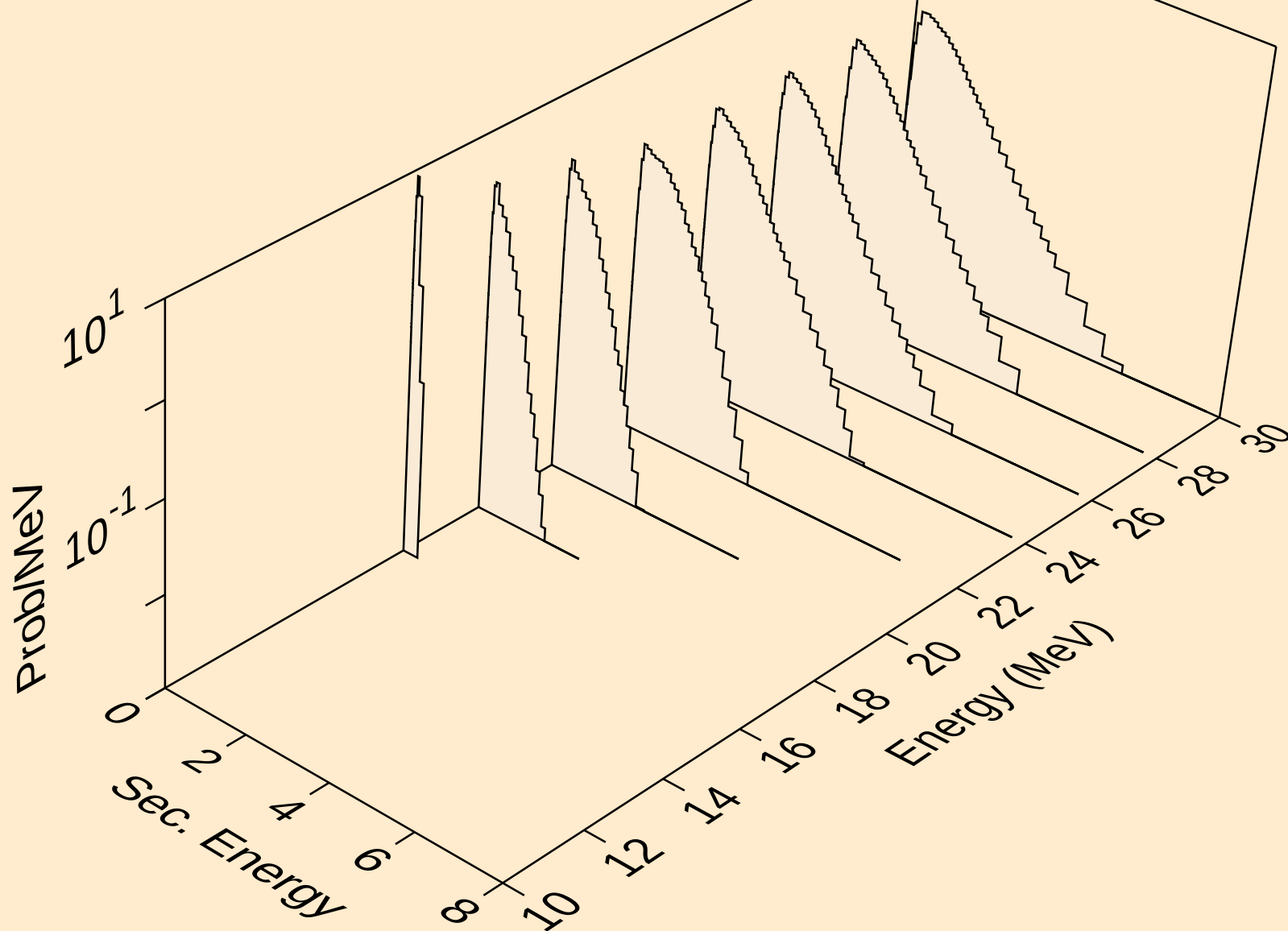


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

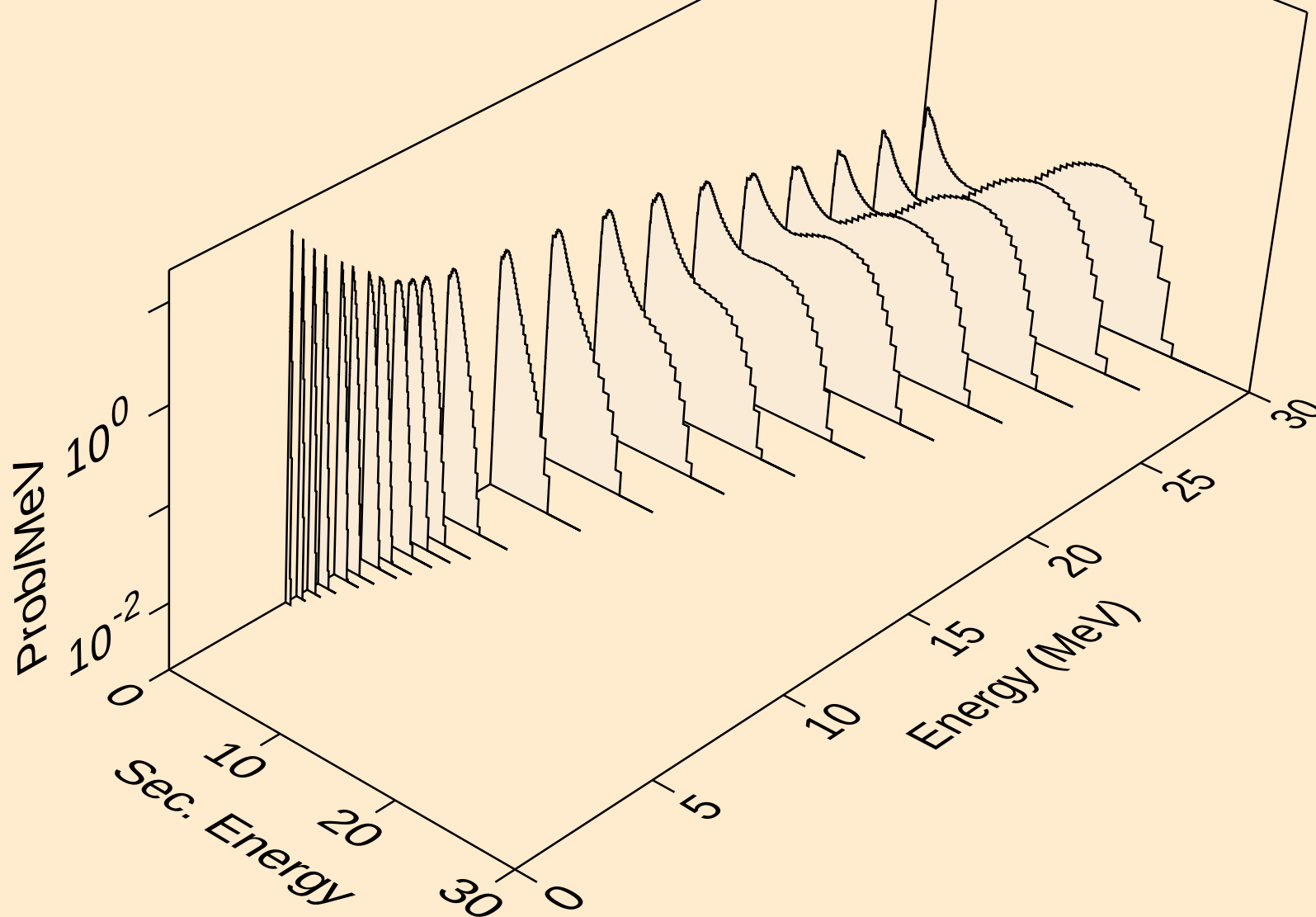
Neutron emission for (n,n*)a



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a

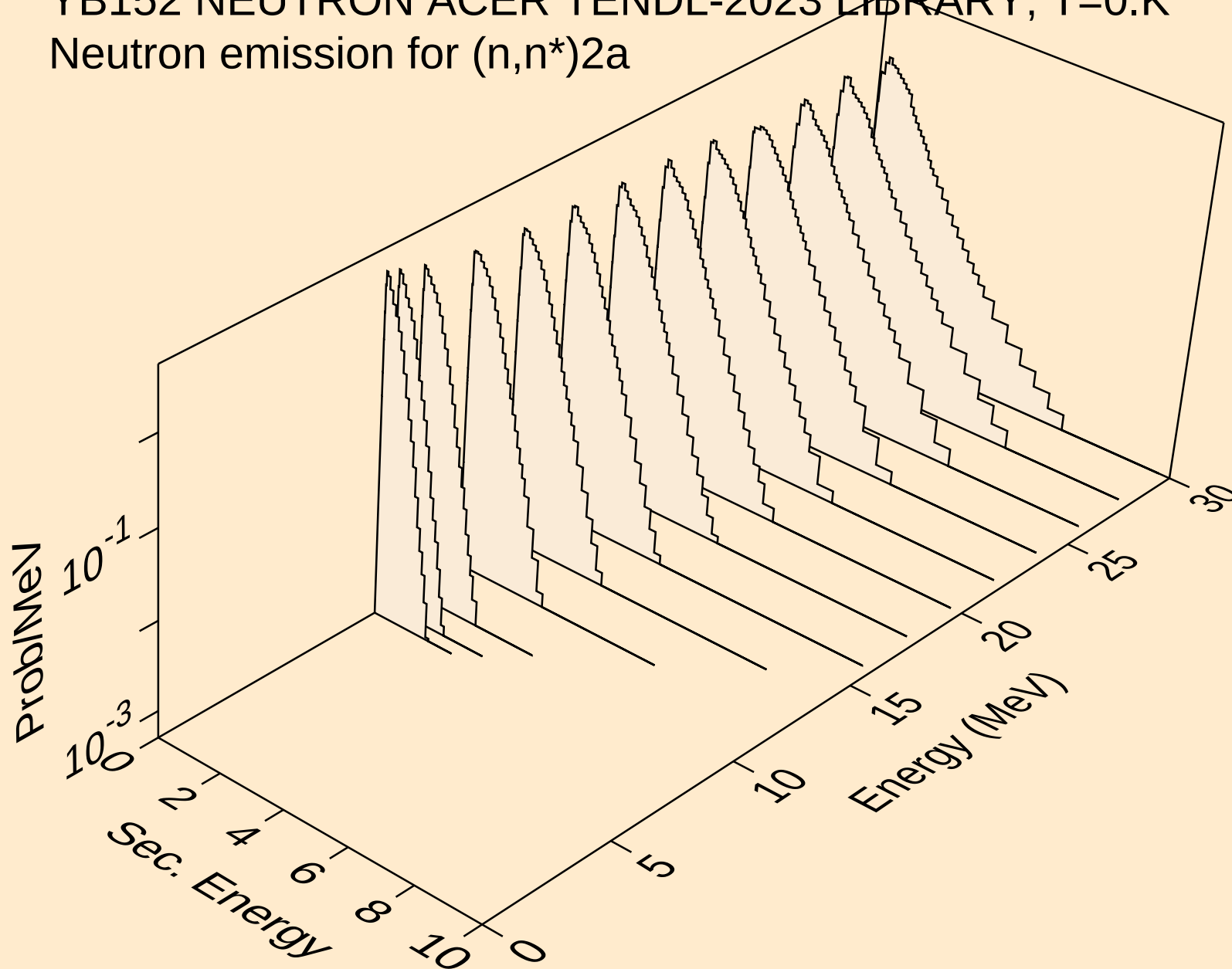


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p

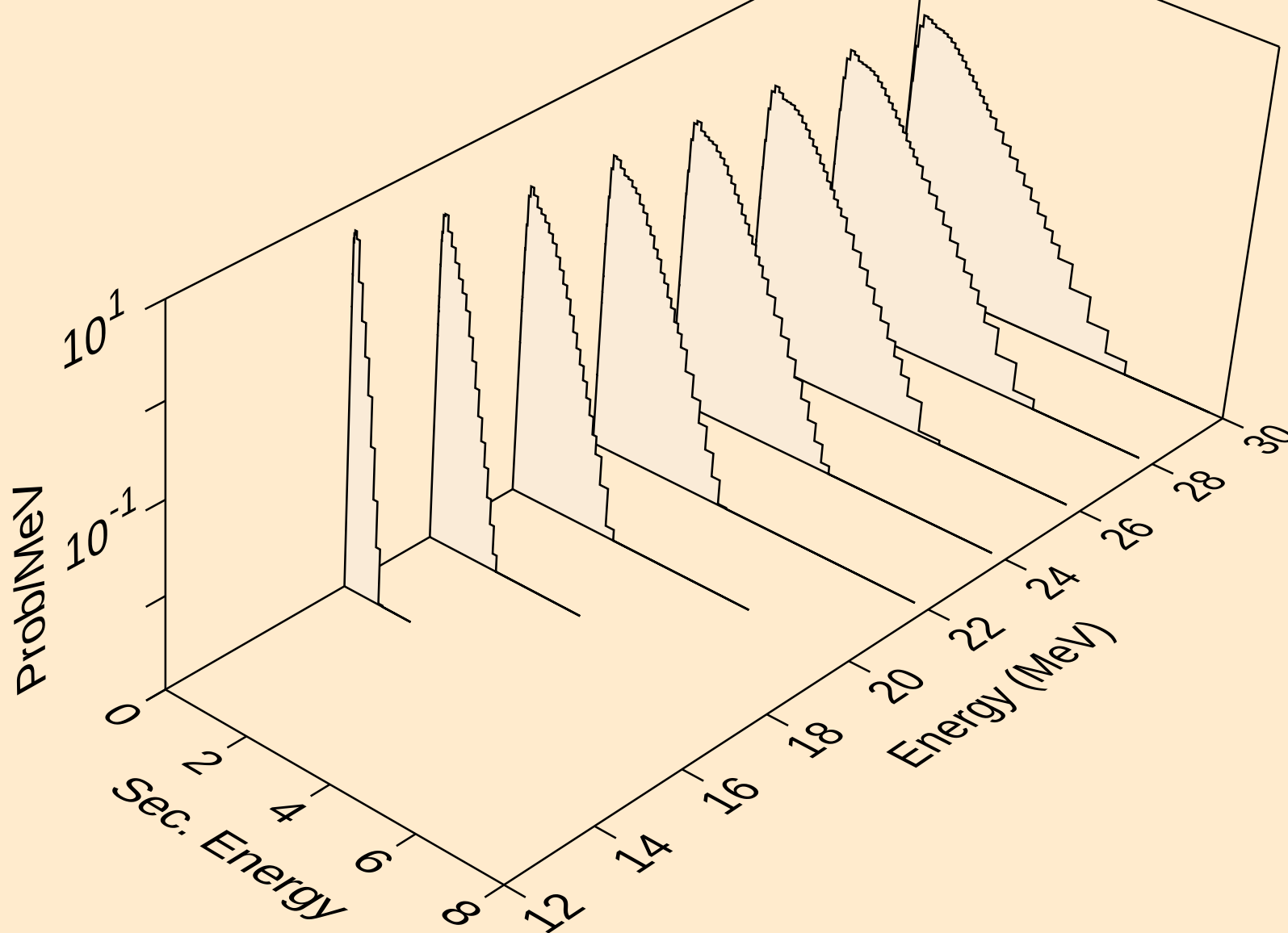


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)2a

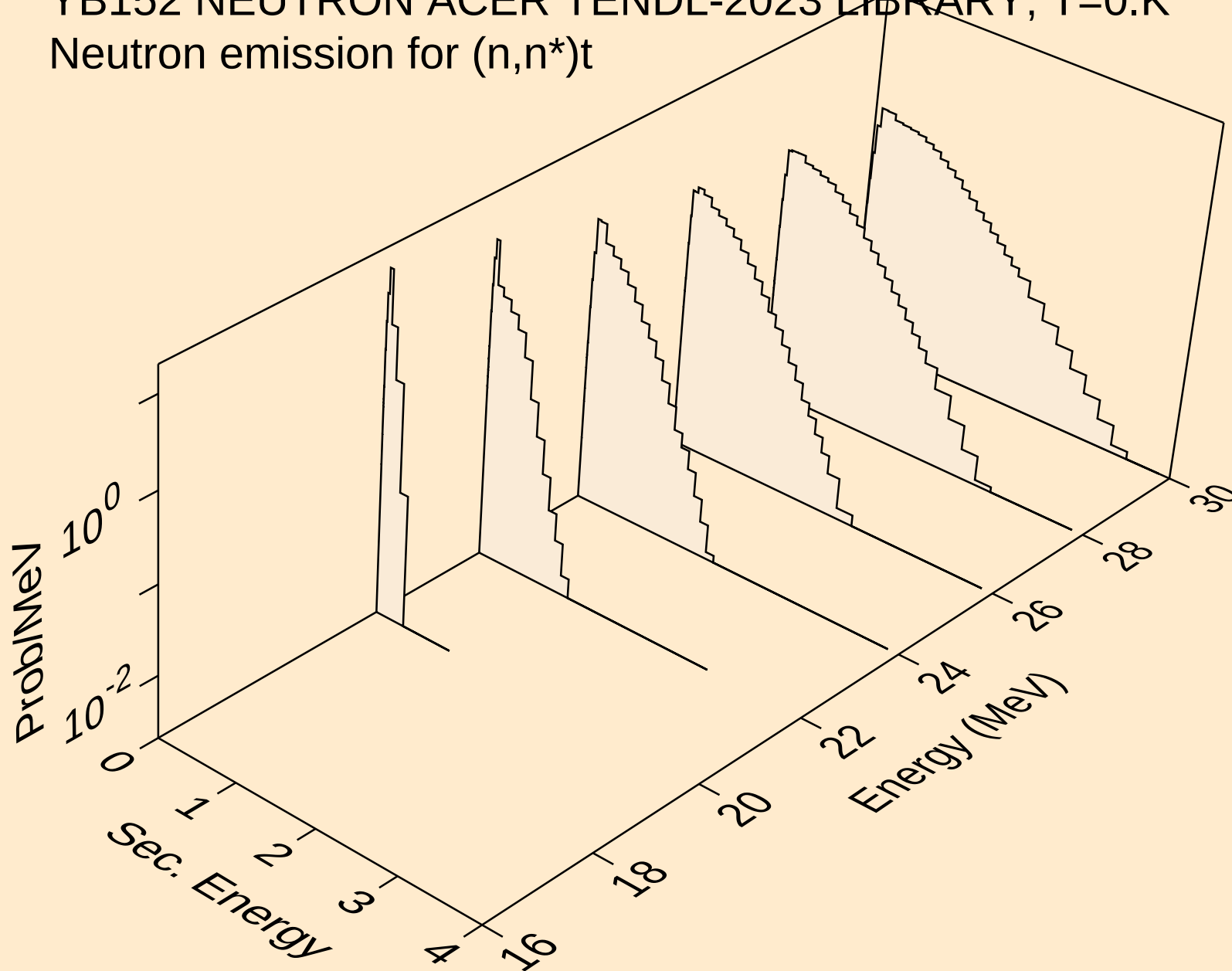


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

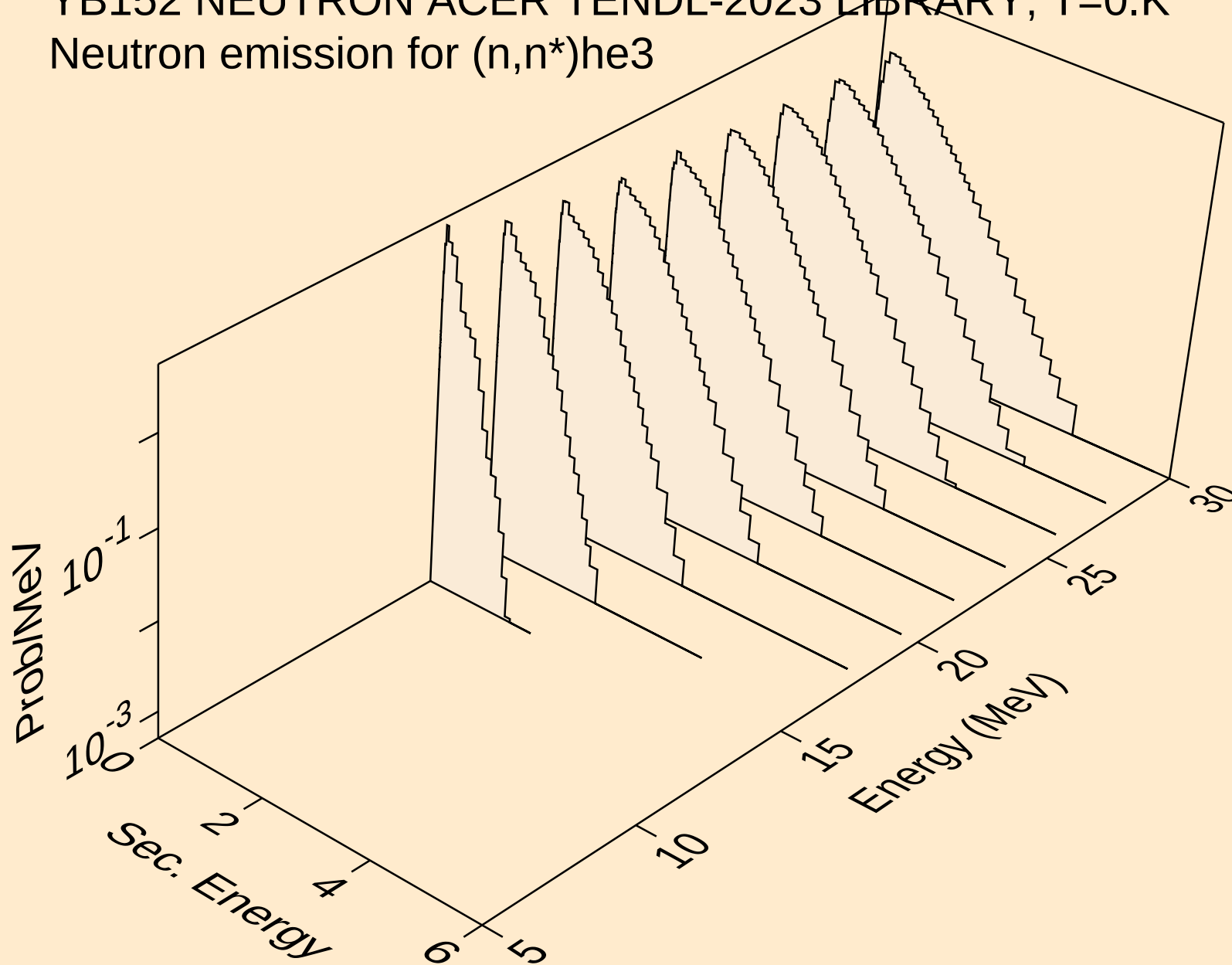


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

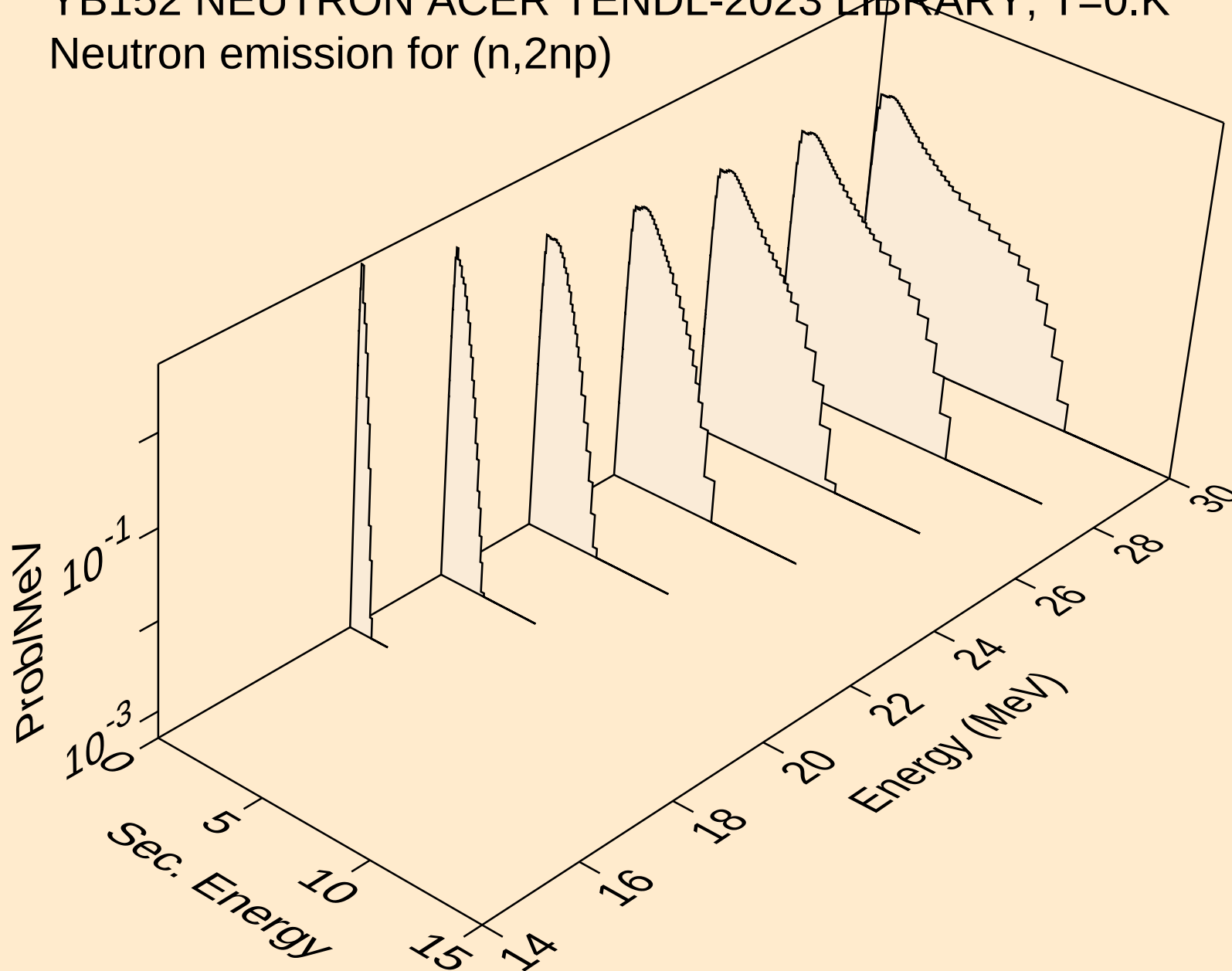
Neutron emission for (n,n*)t



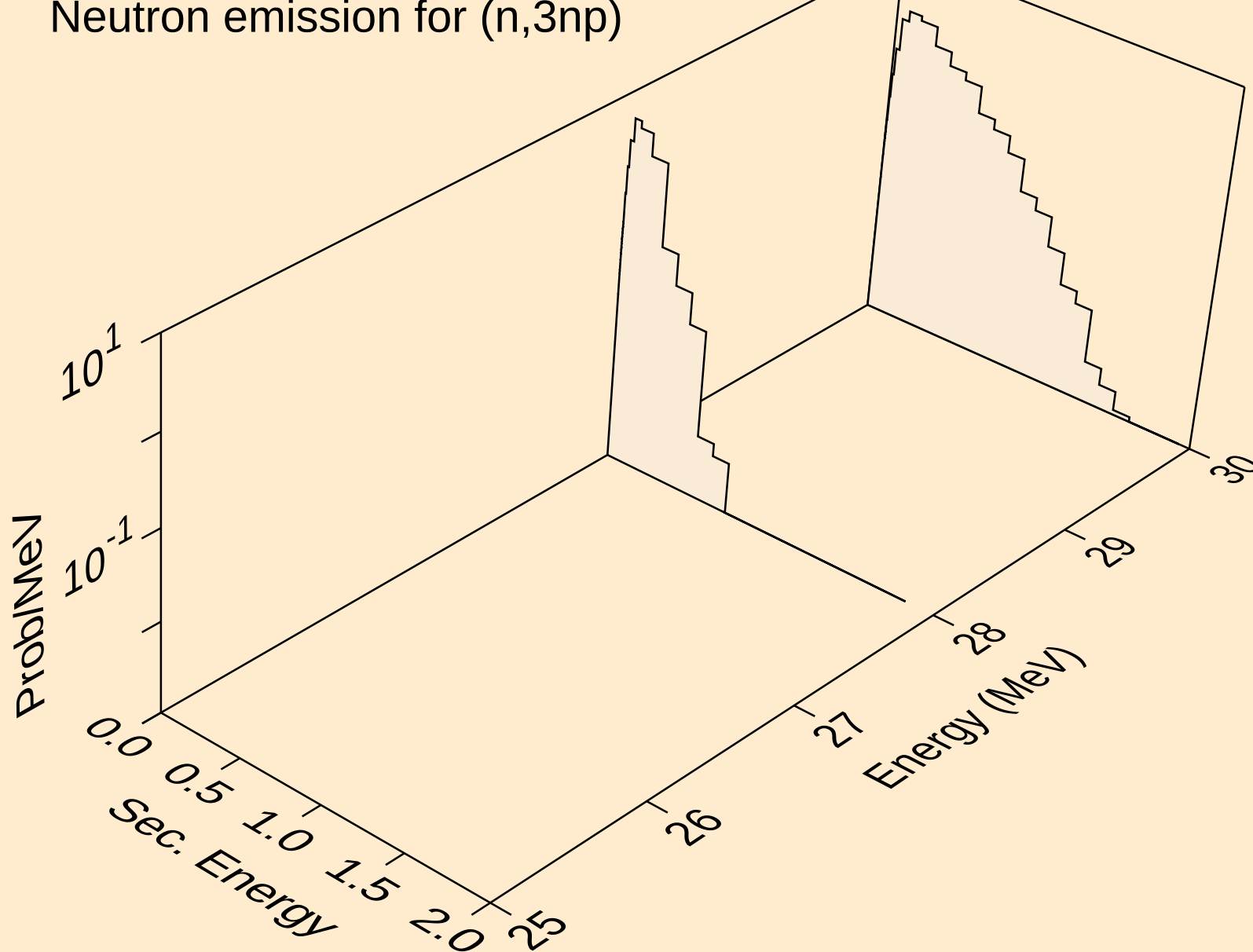
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



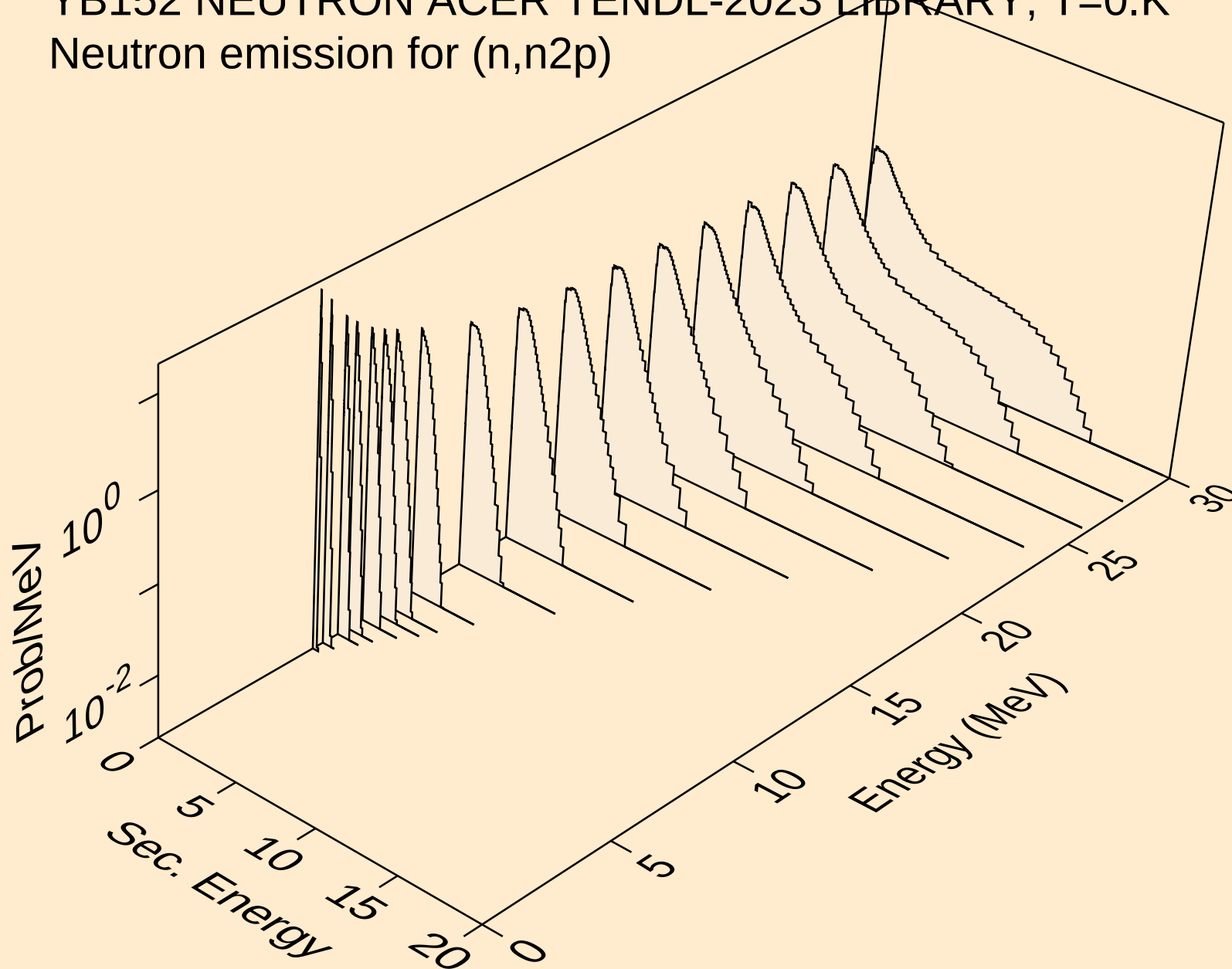
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



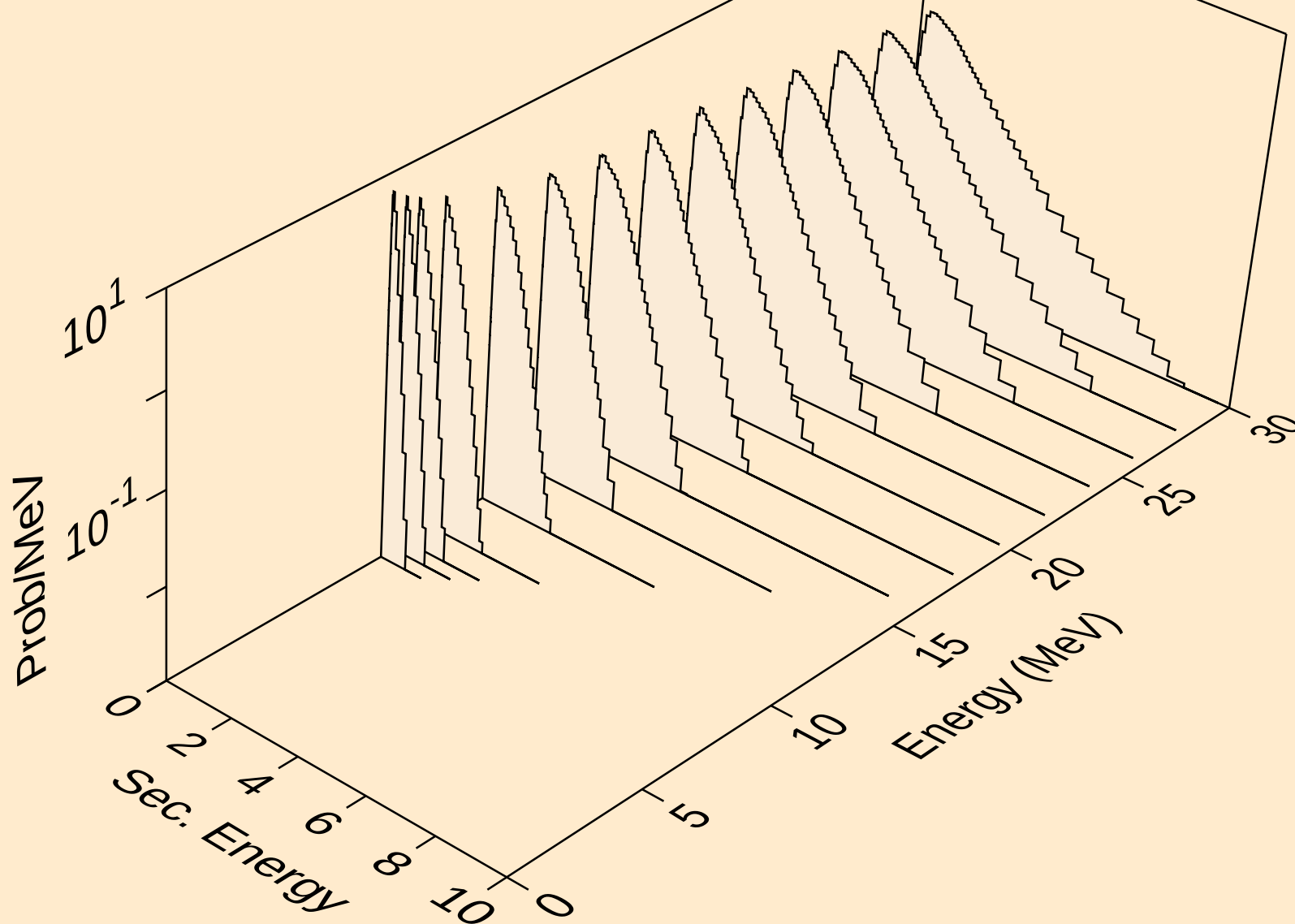
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



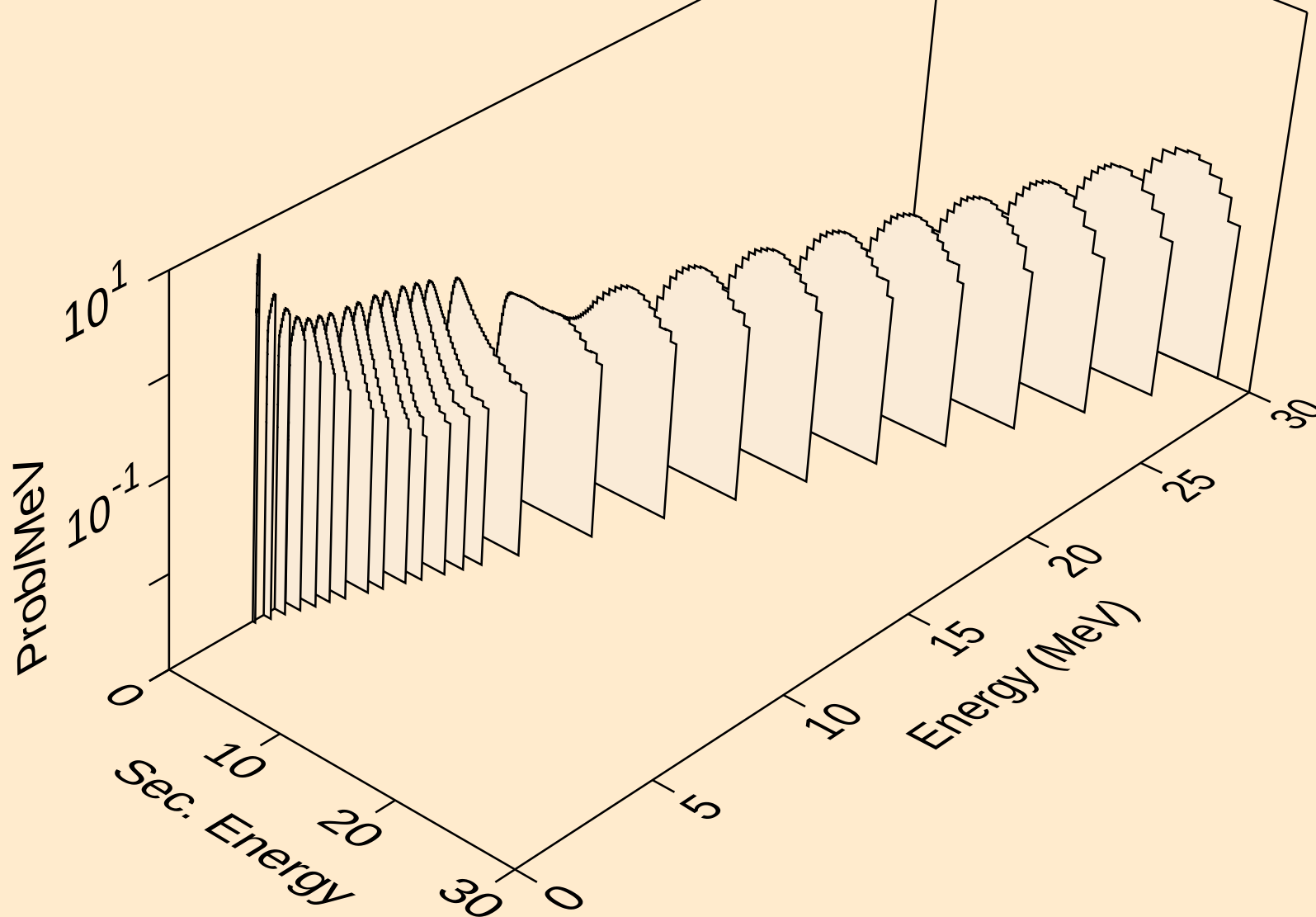
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

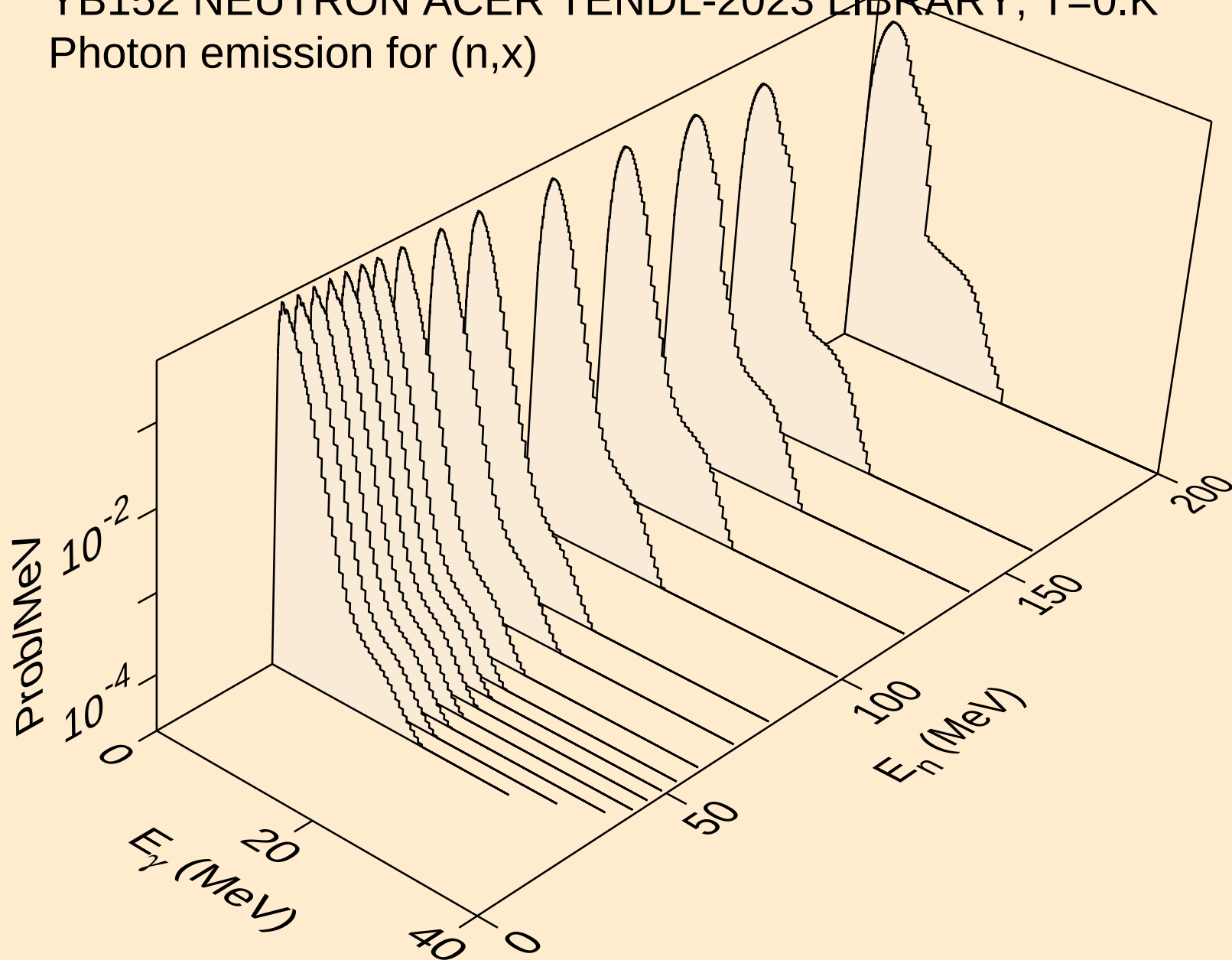


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)

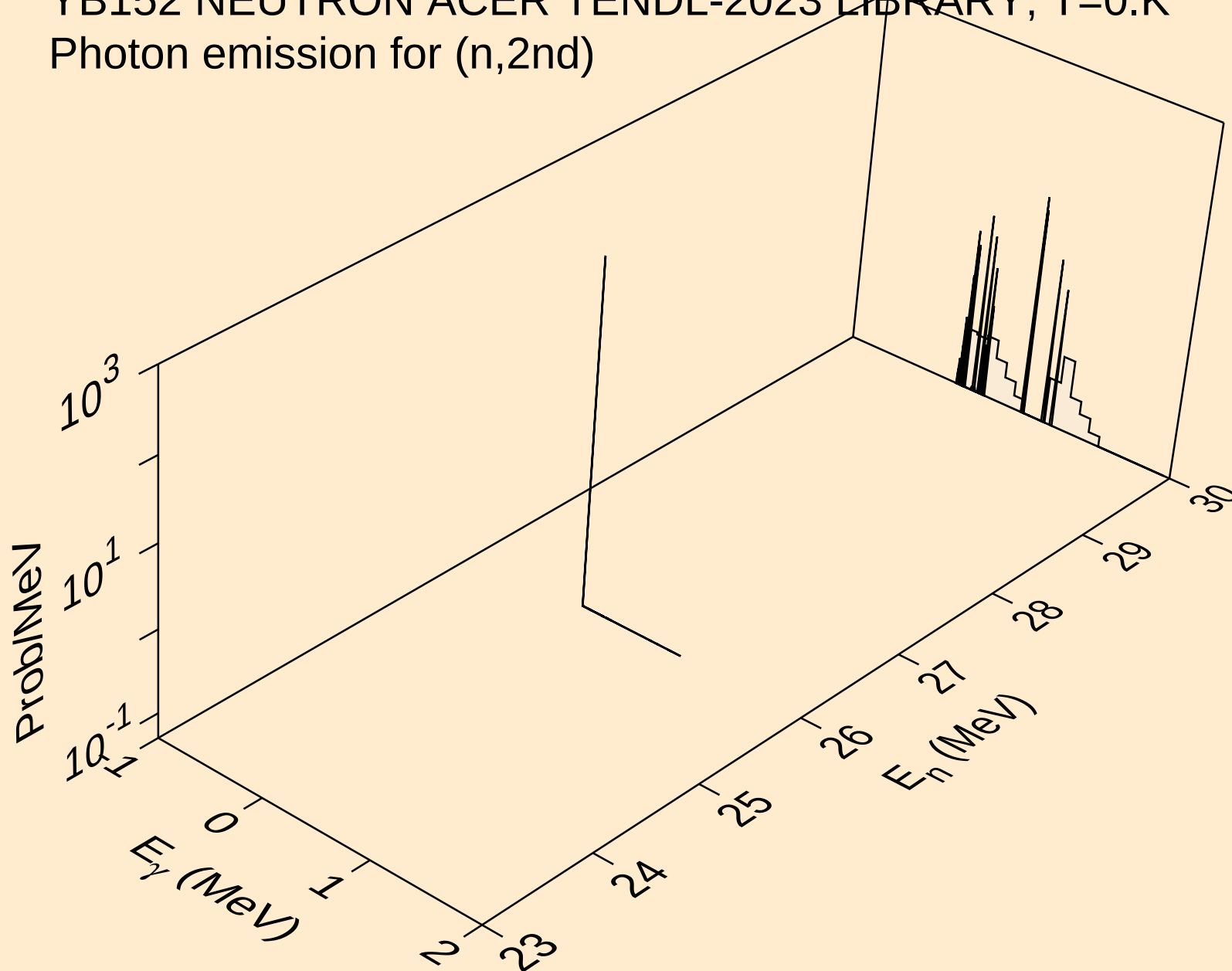


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

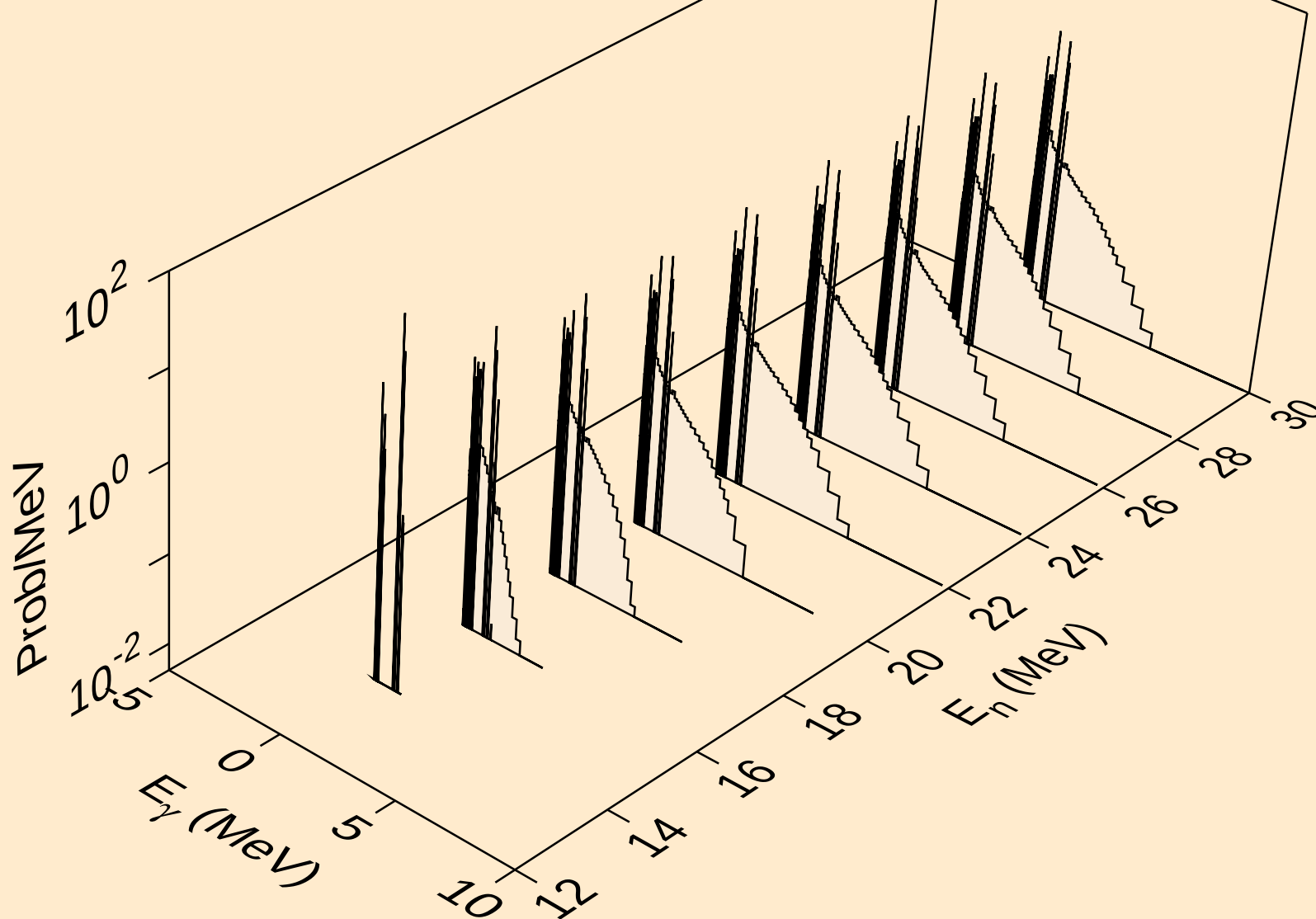
Photon emission for (n,x)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)

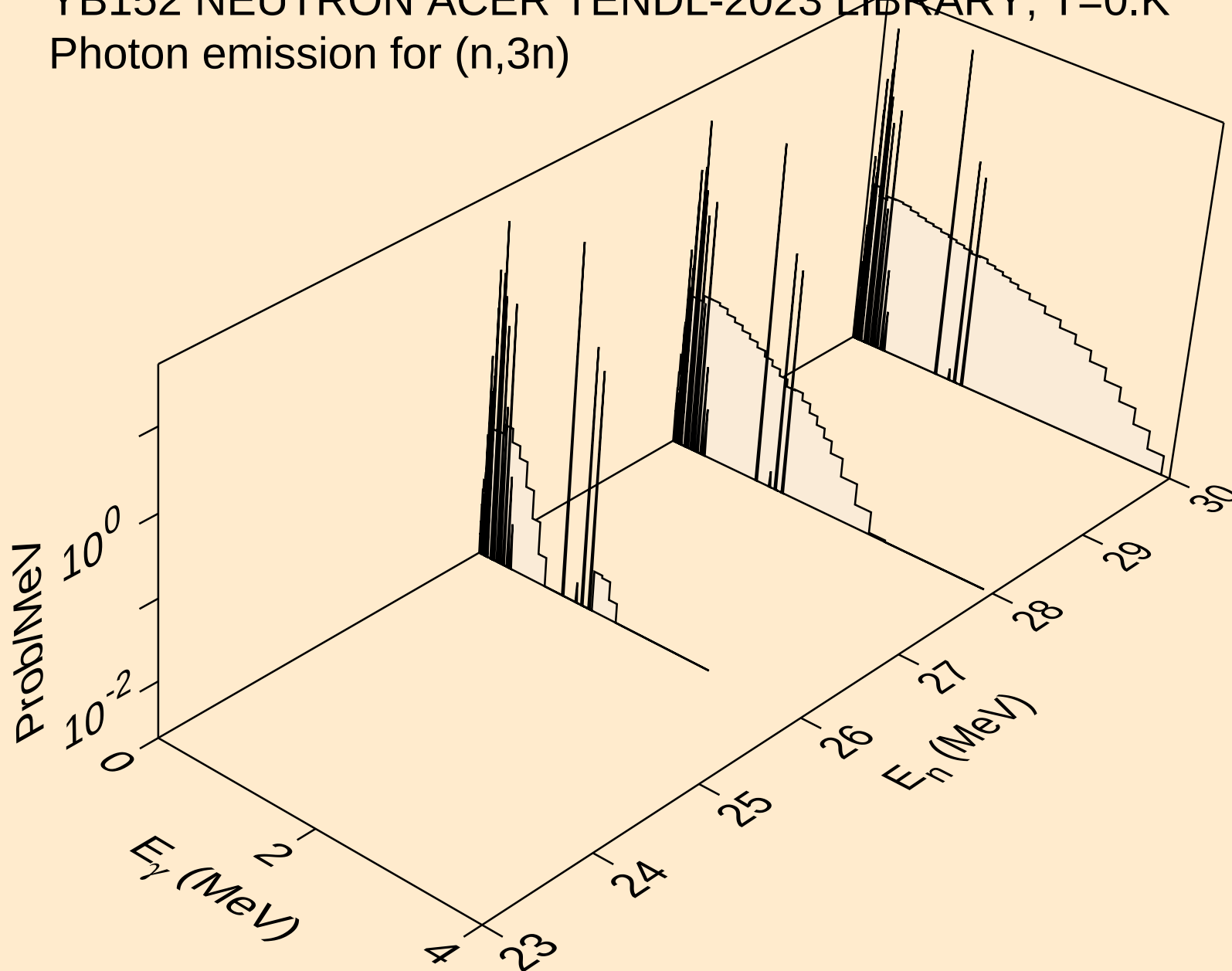


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



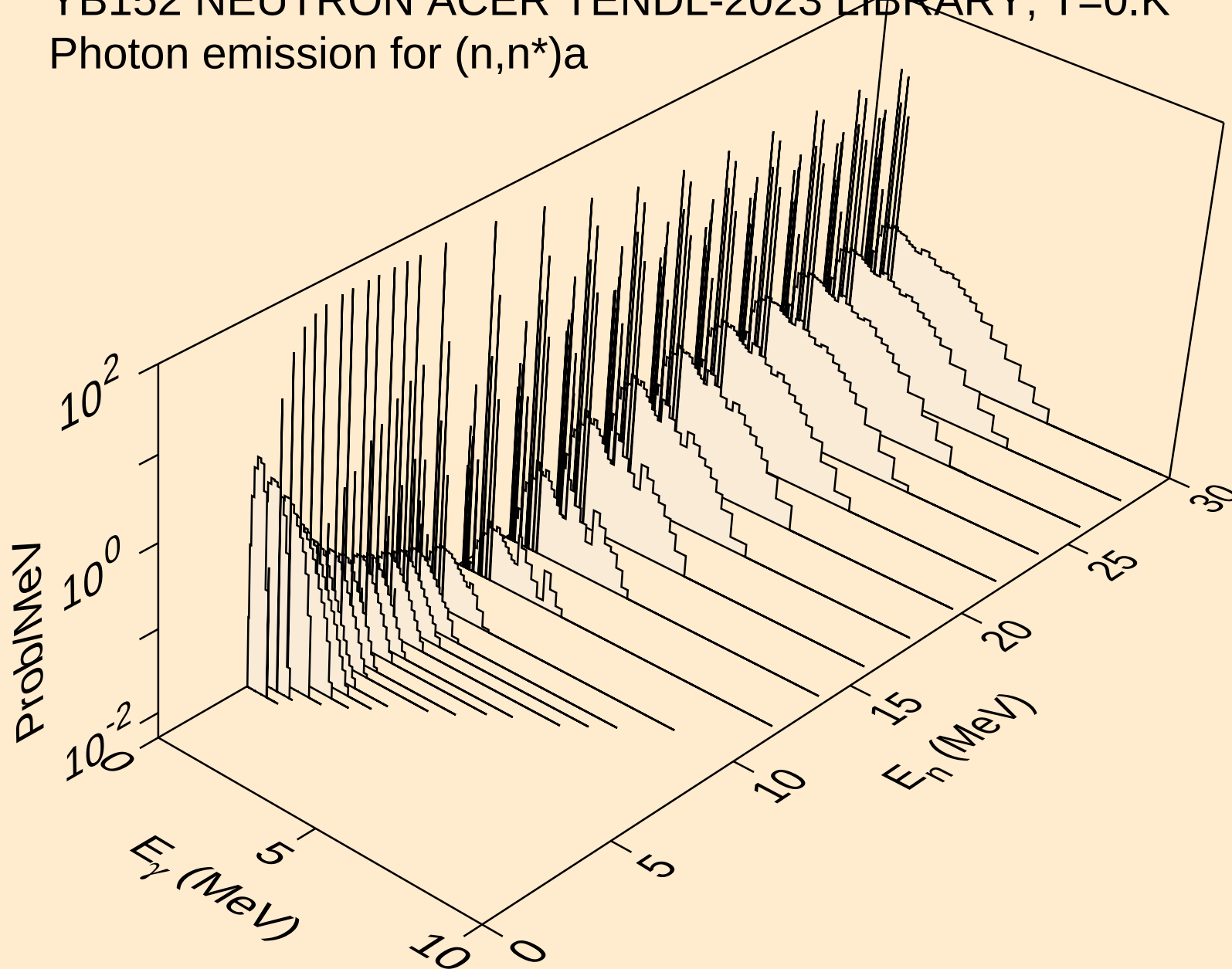
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)



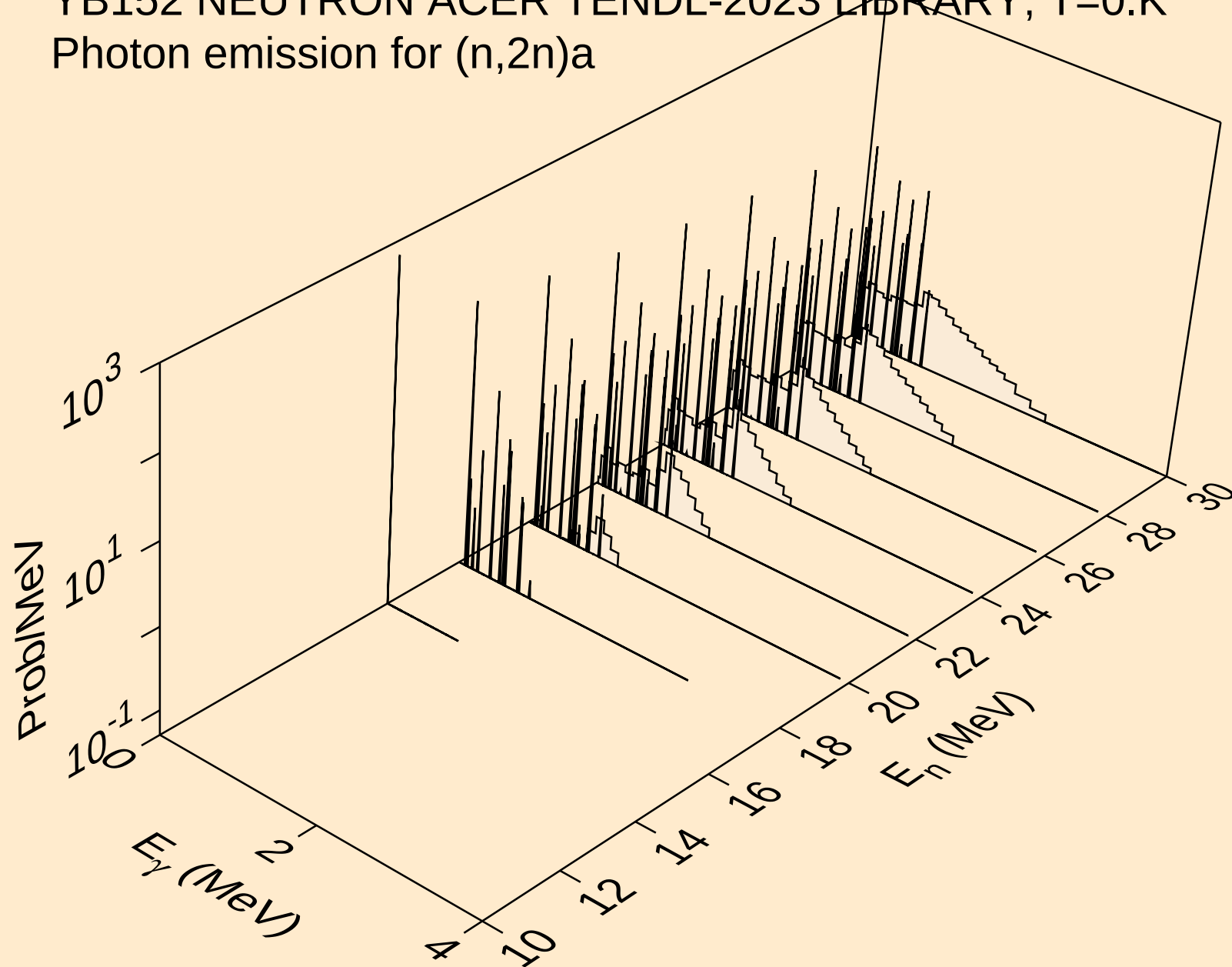
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



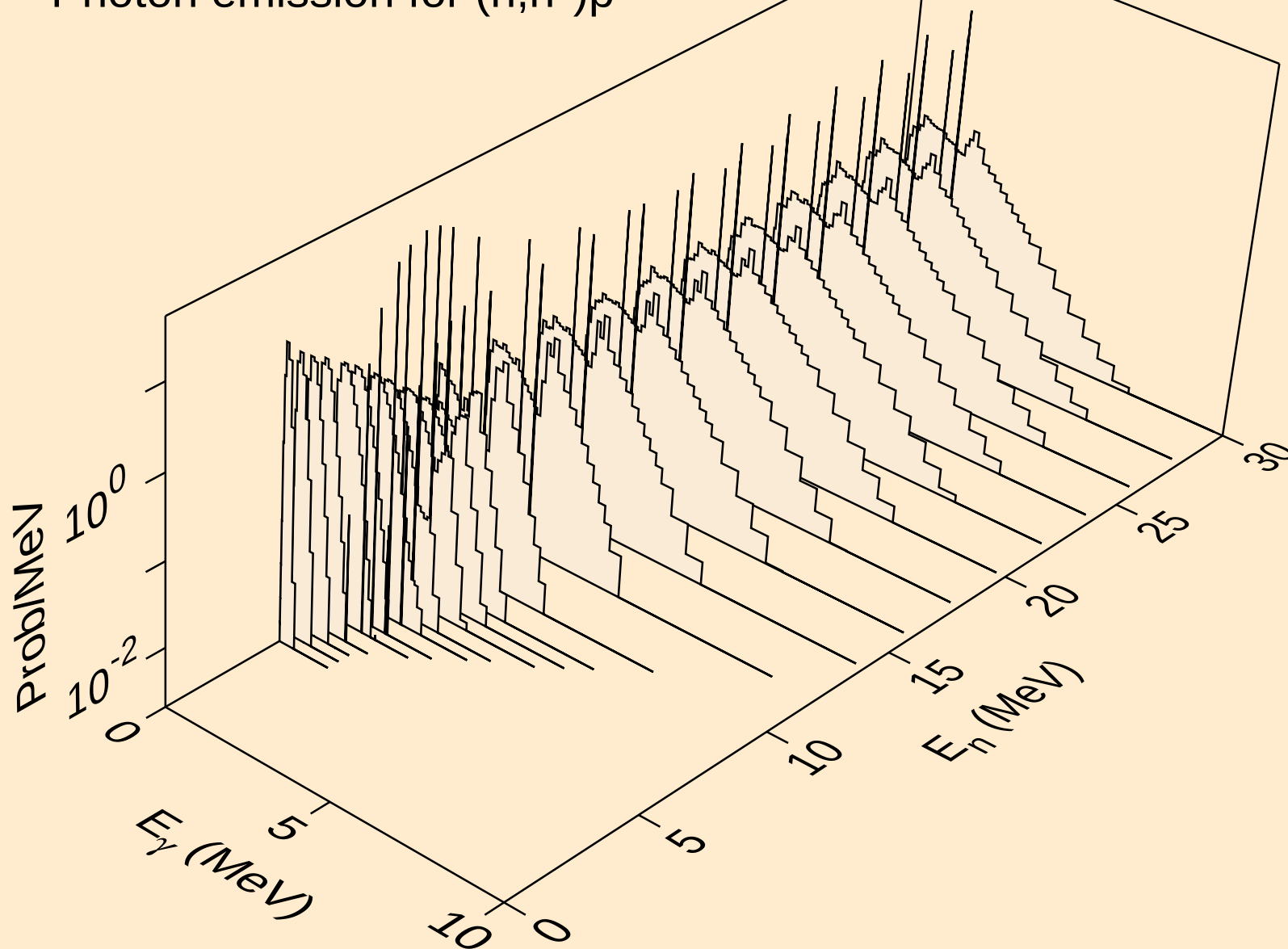
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



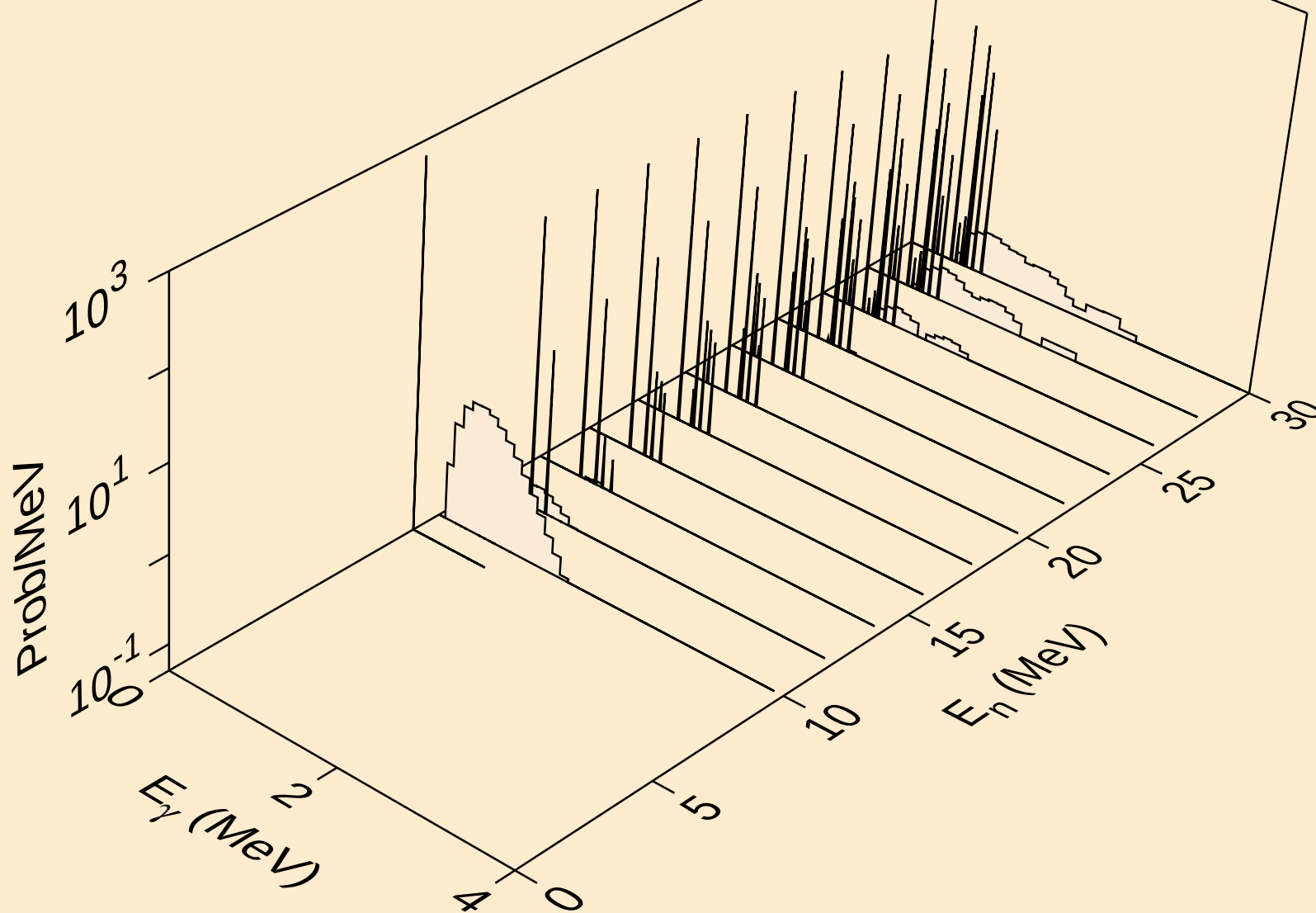
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



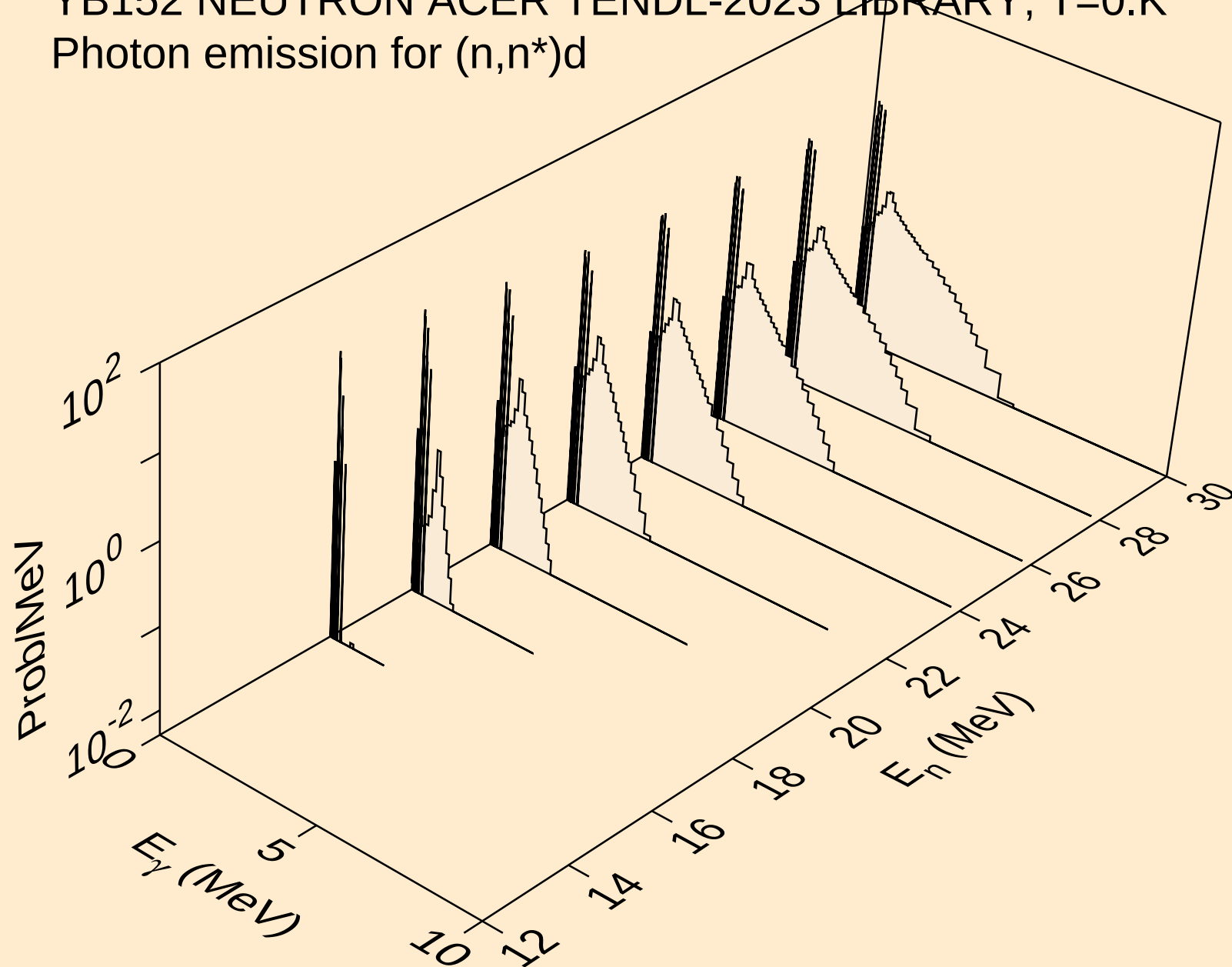
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a



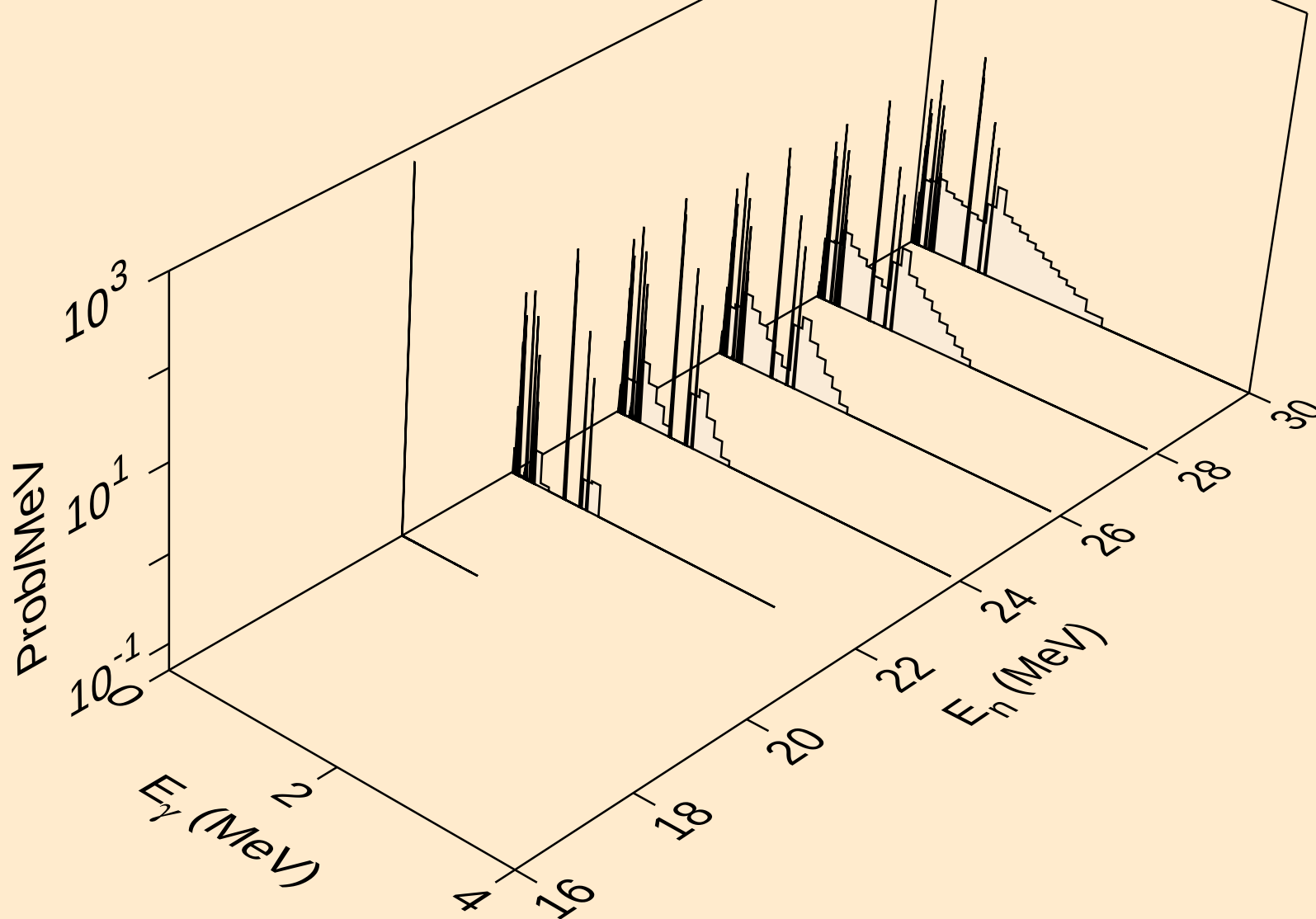
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



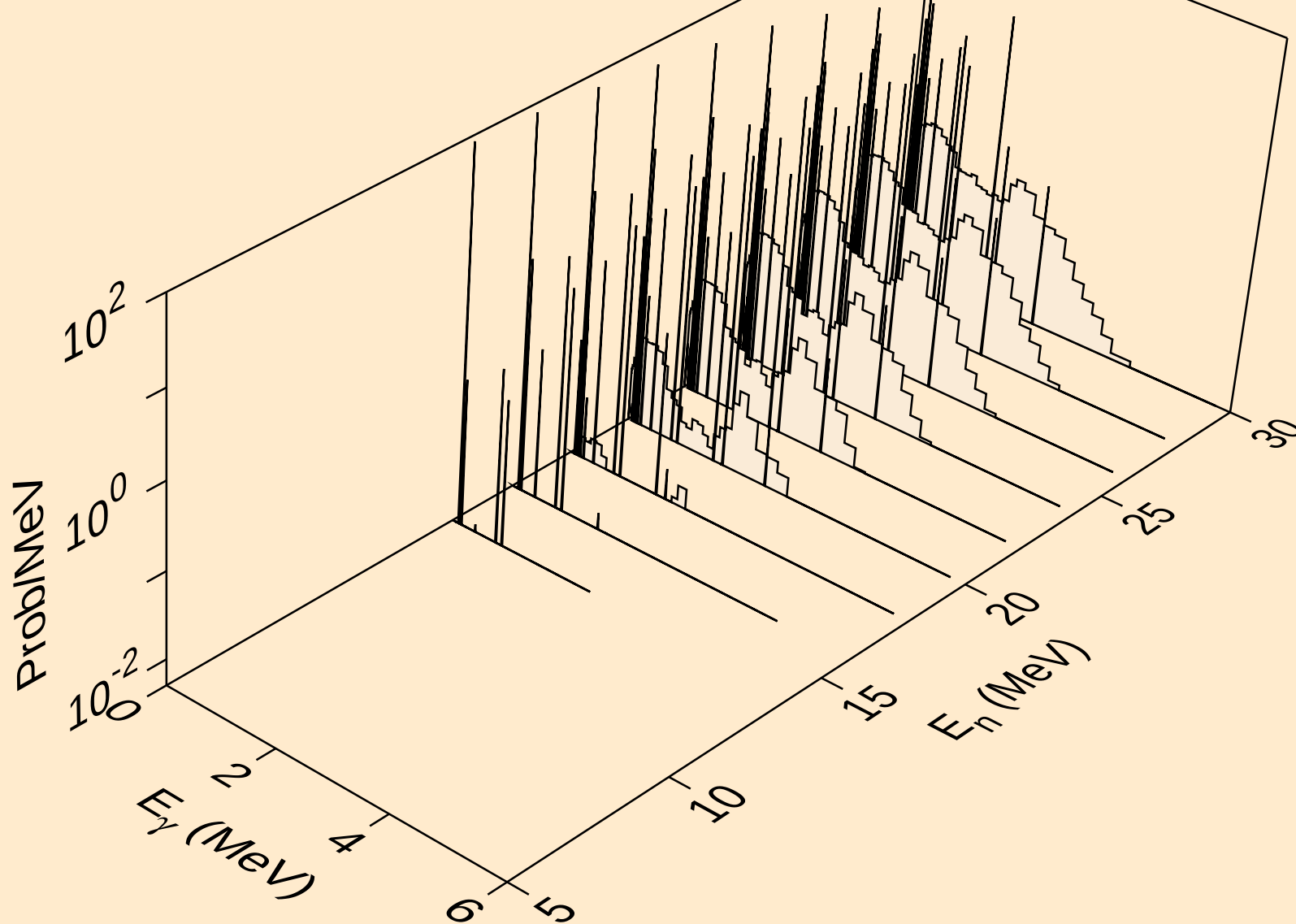
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

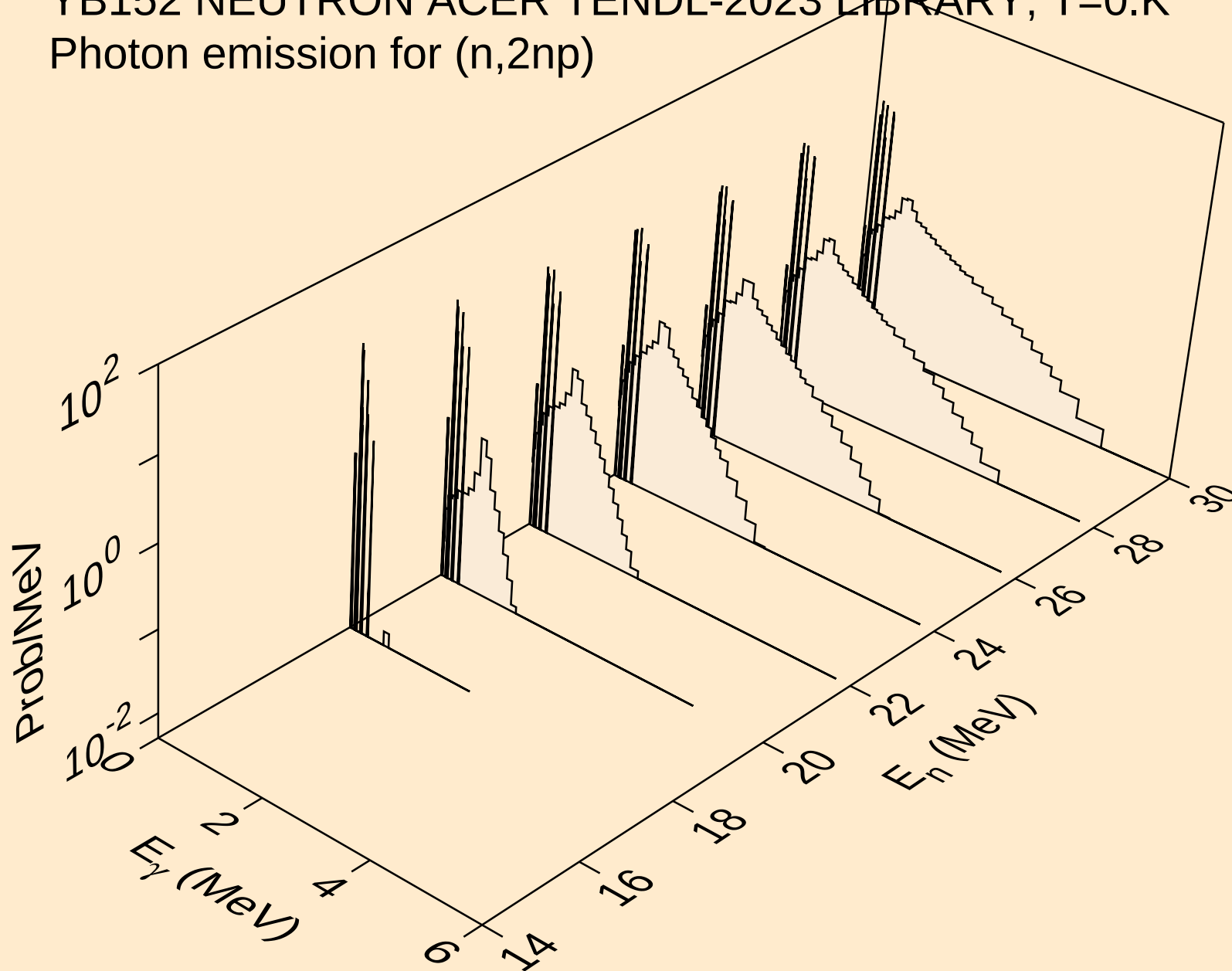


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)he3

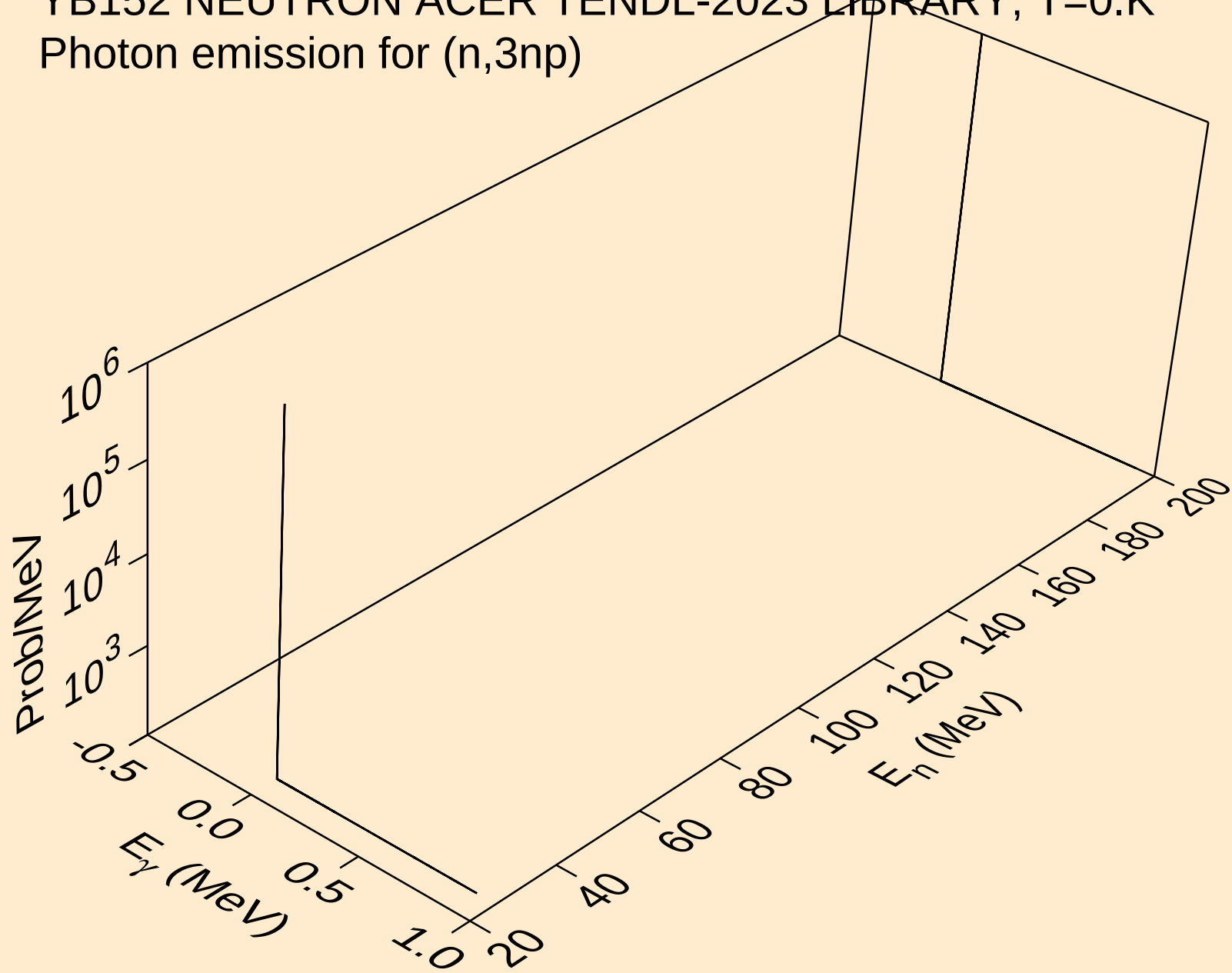


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)

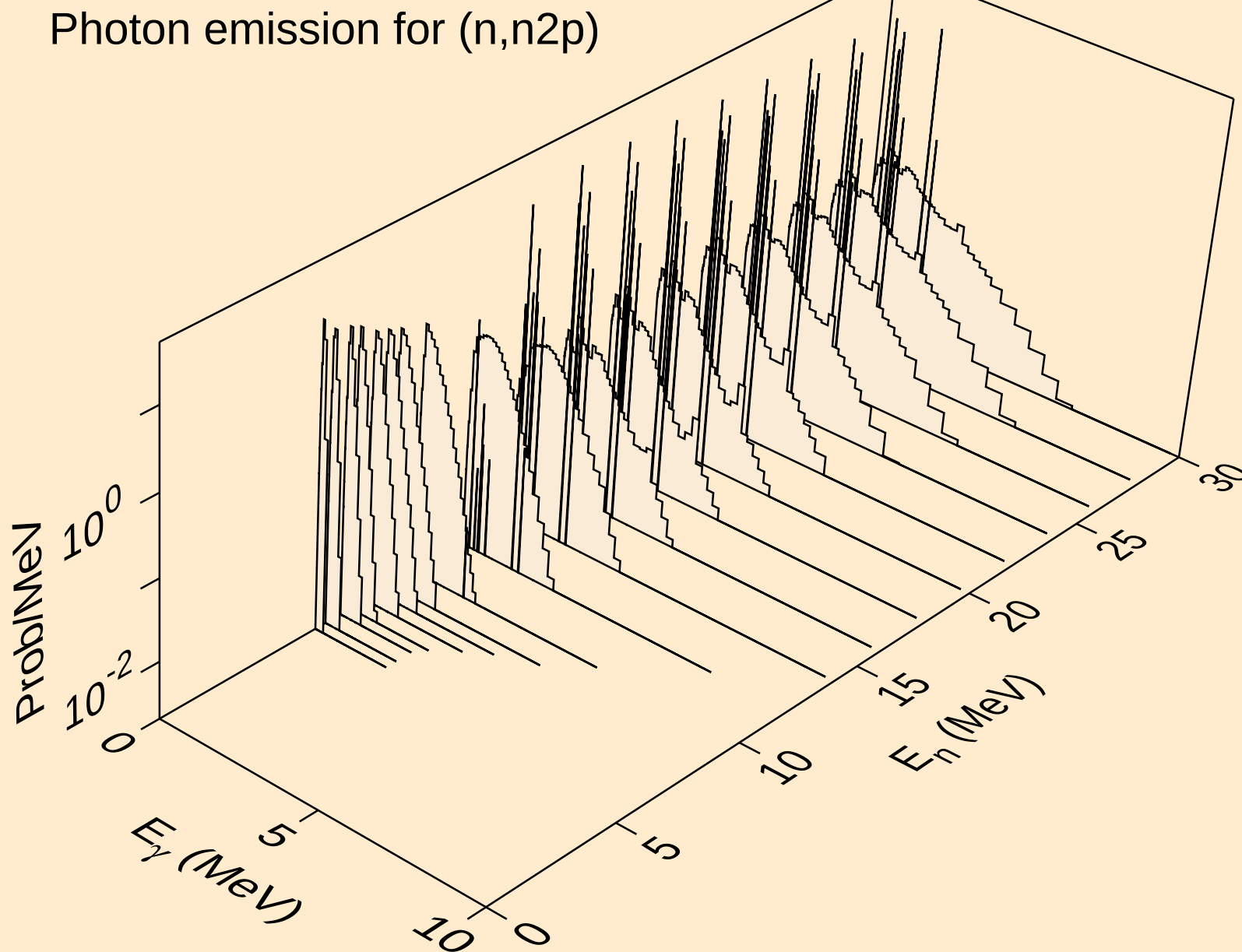


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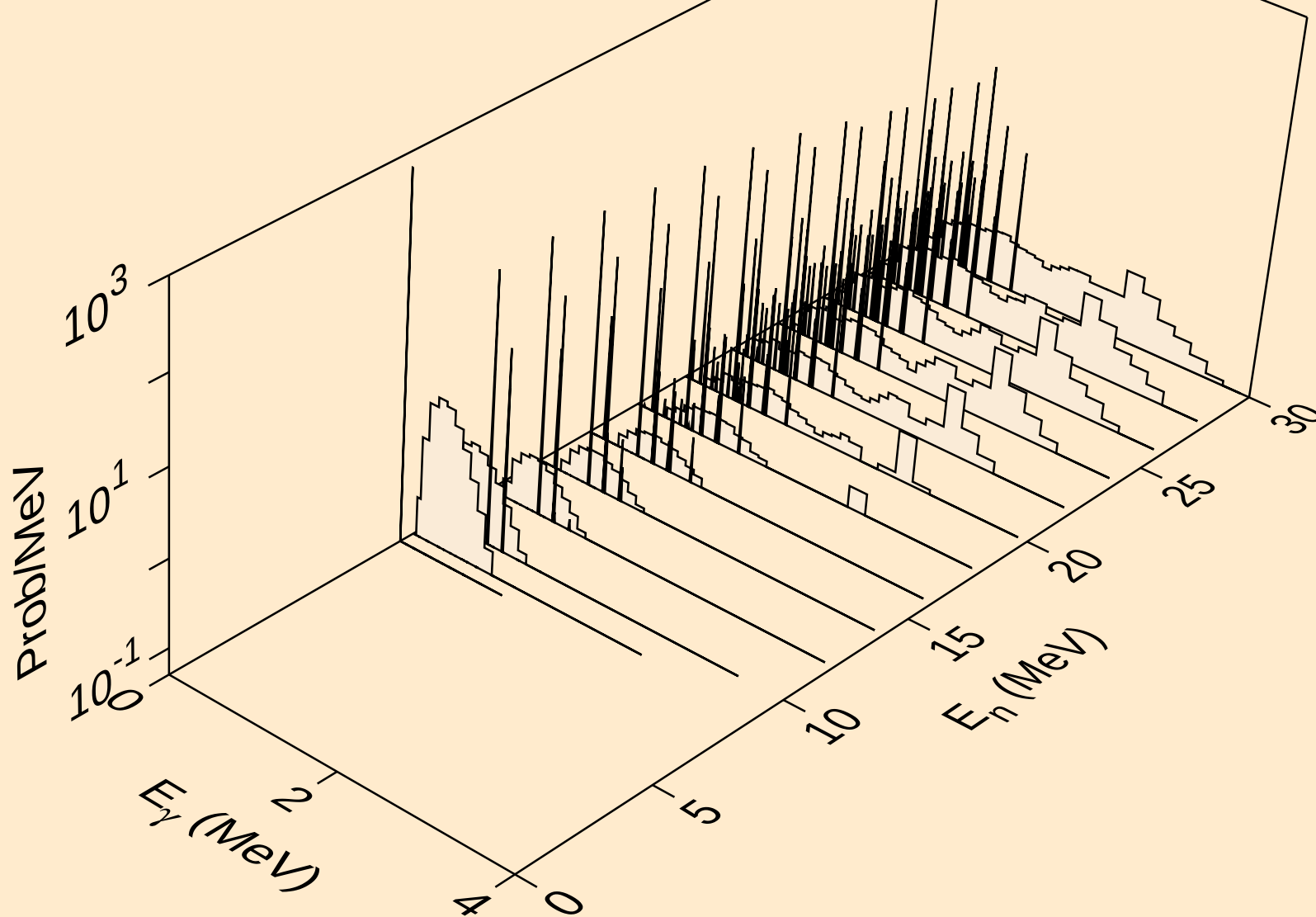
Photon emission for (n,3np)



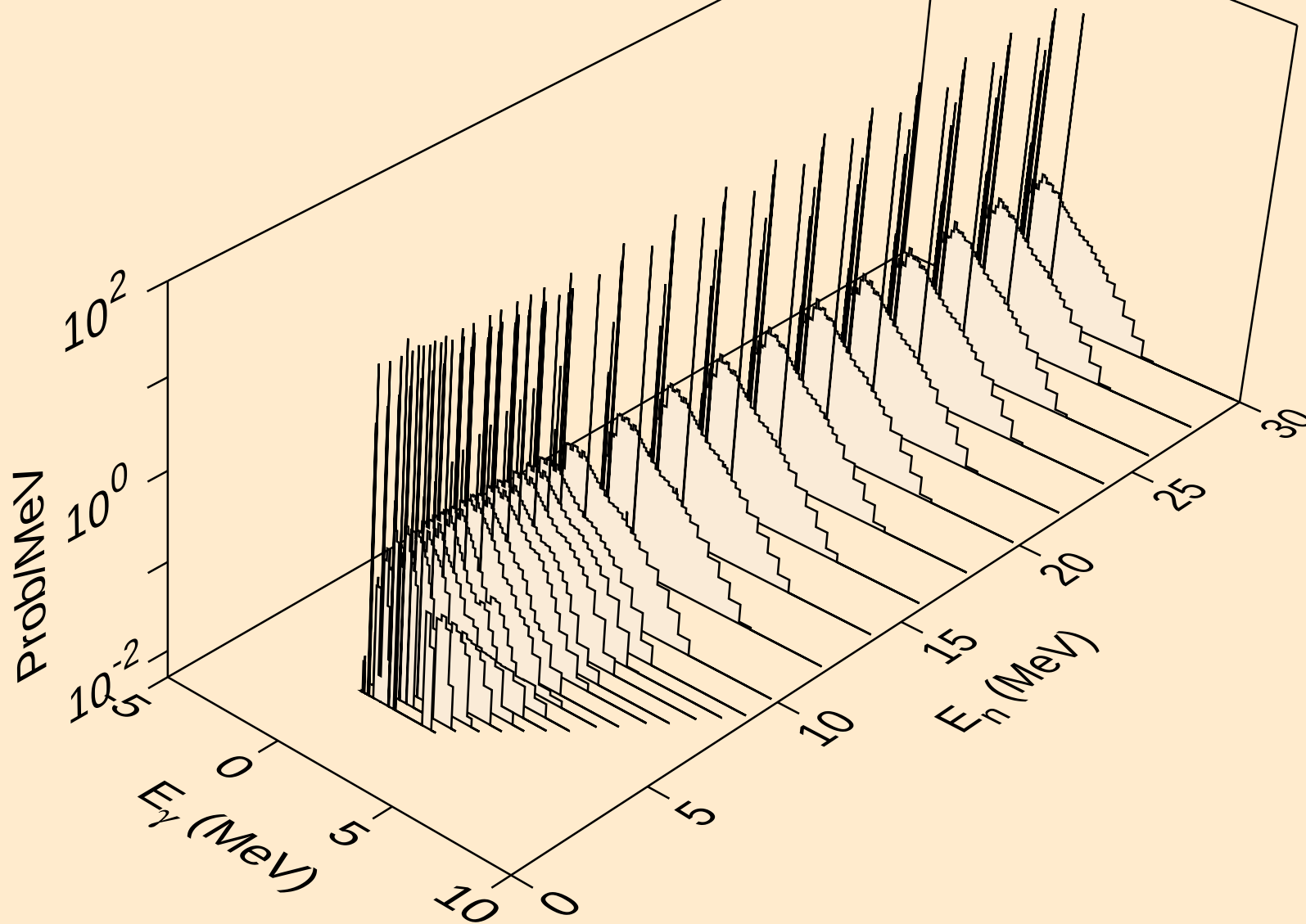
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



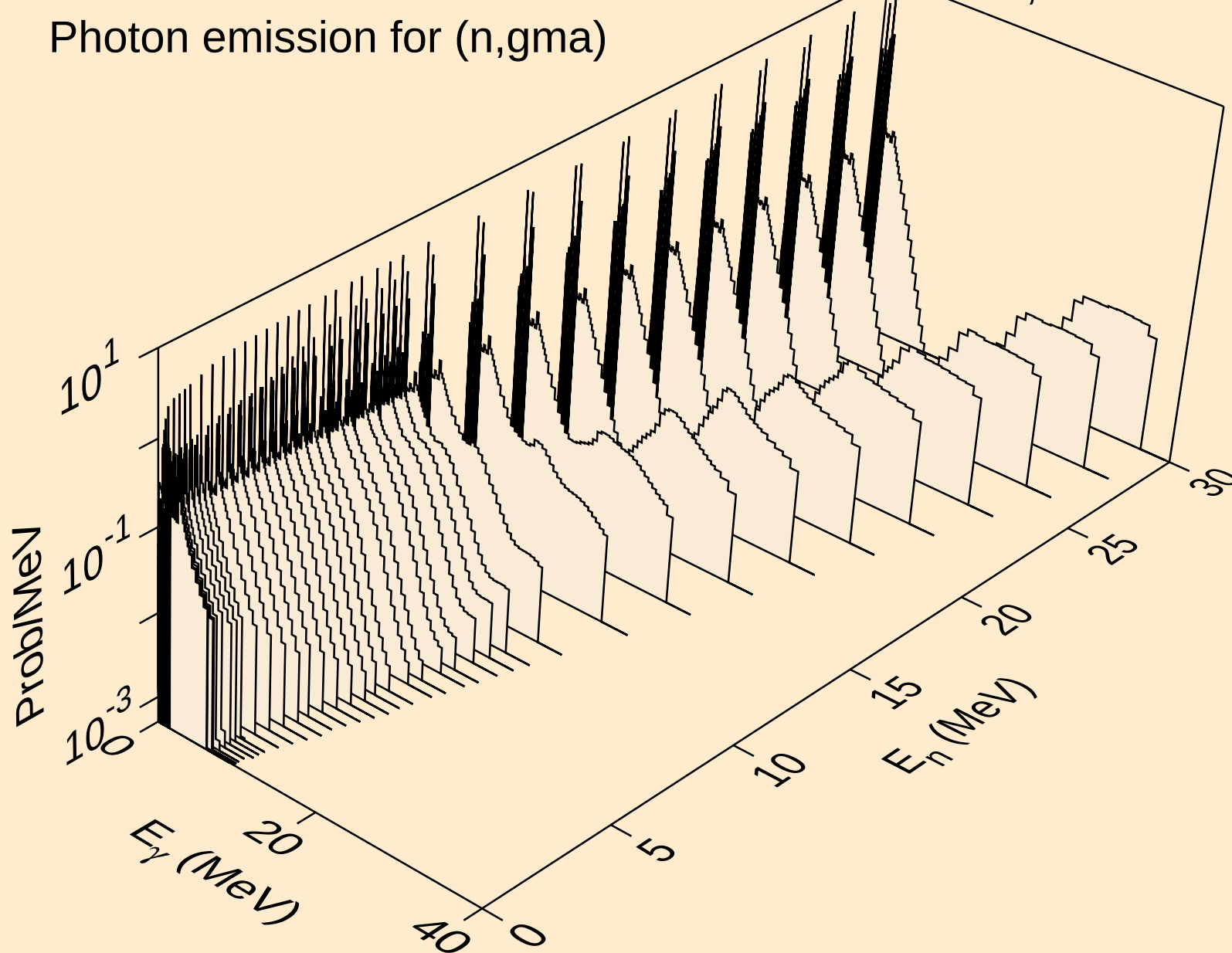
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



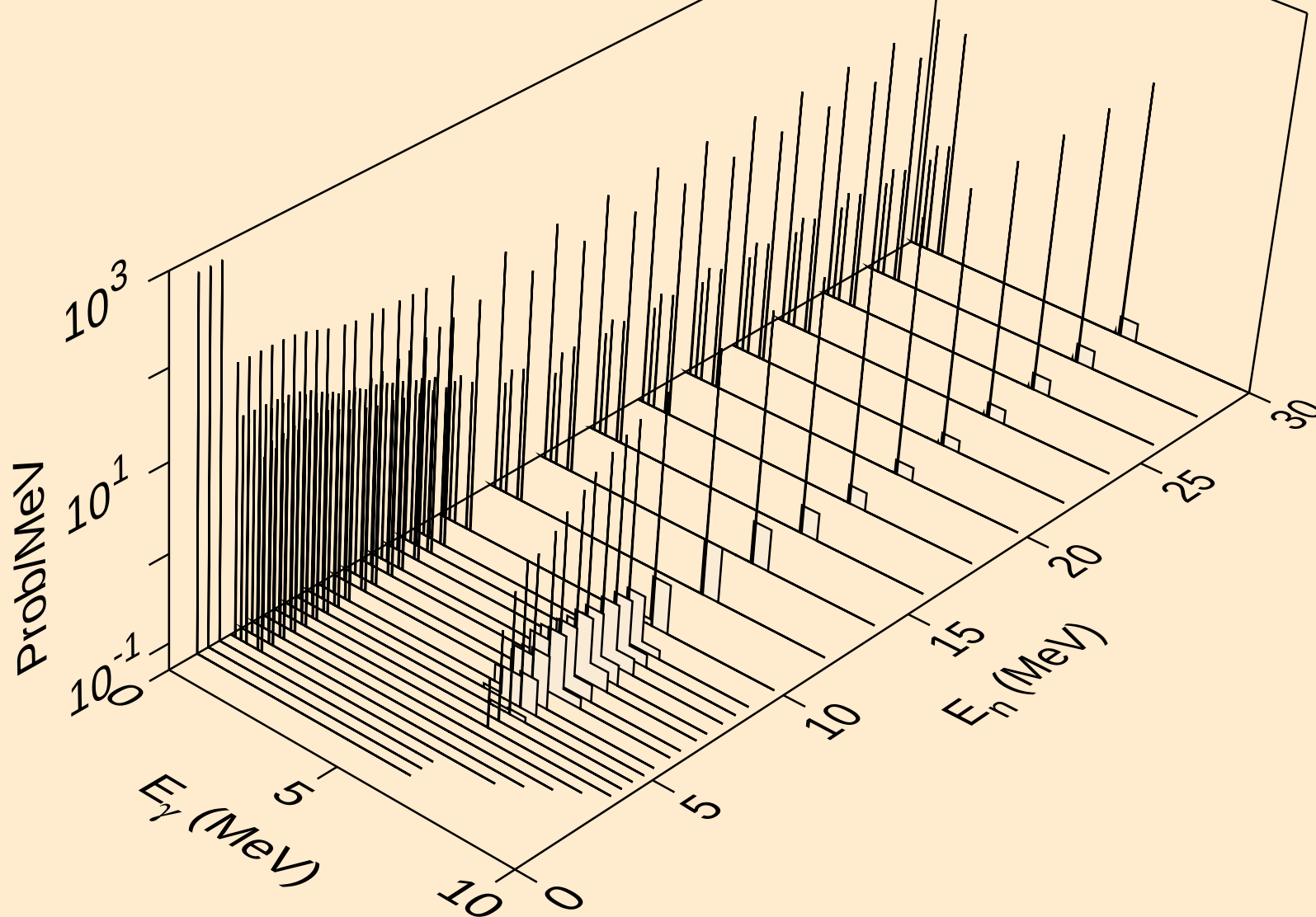
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



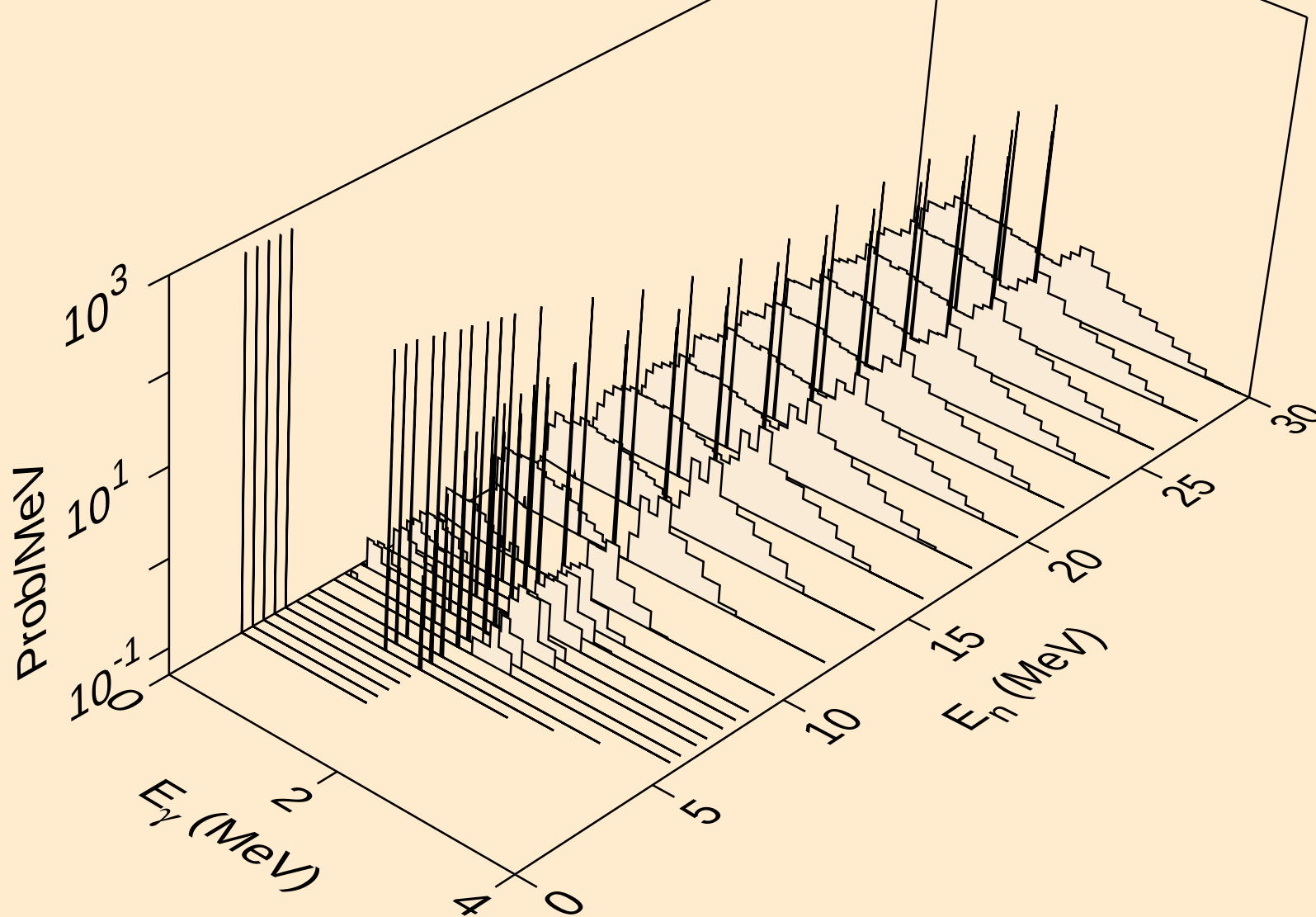
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



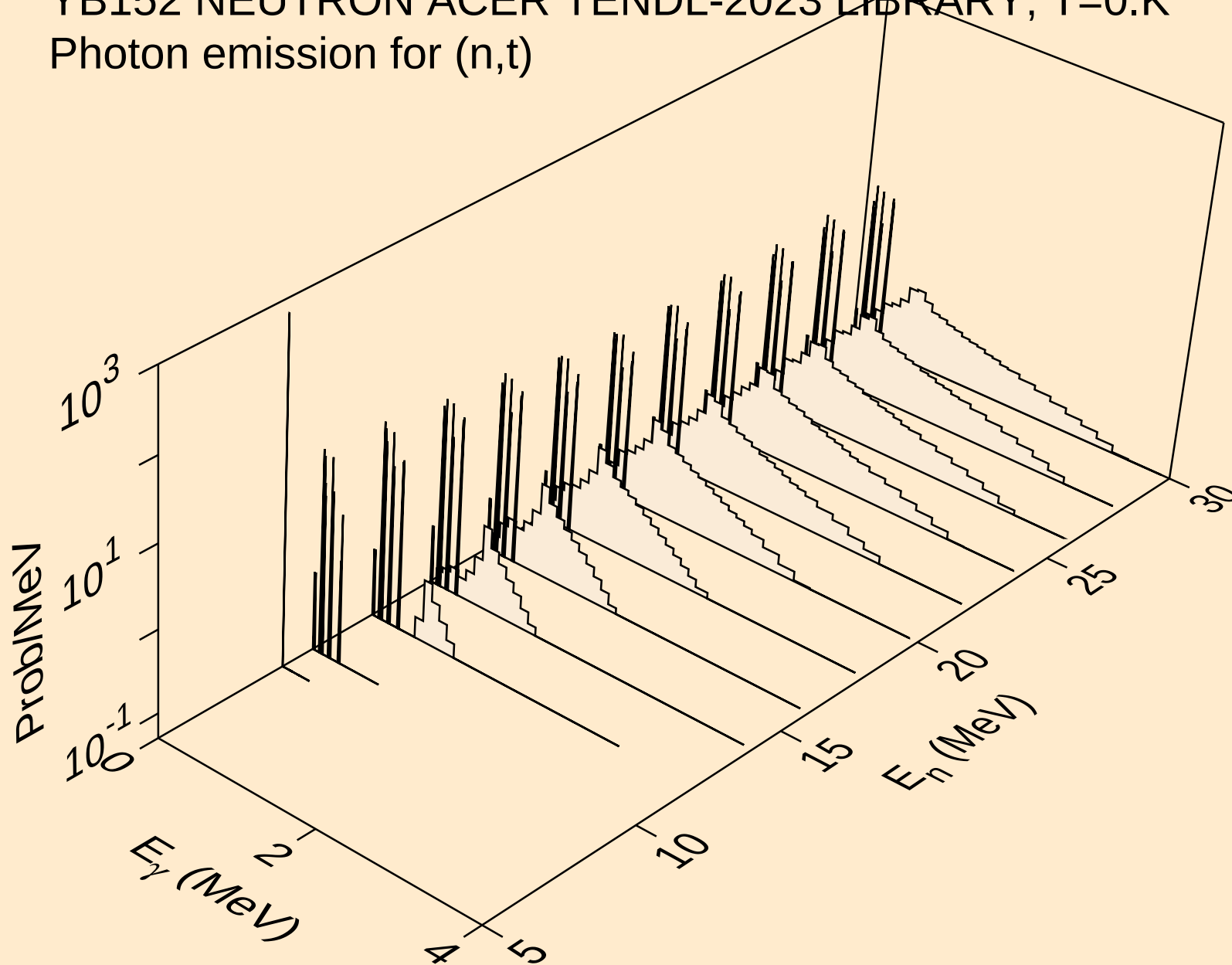
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



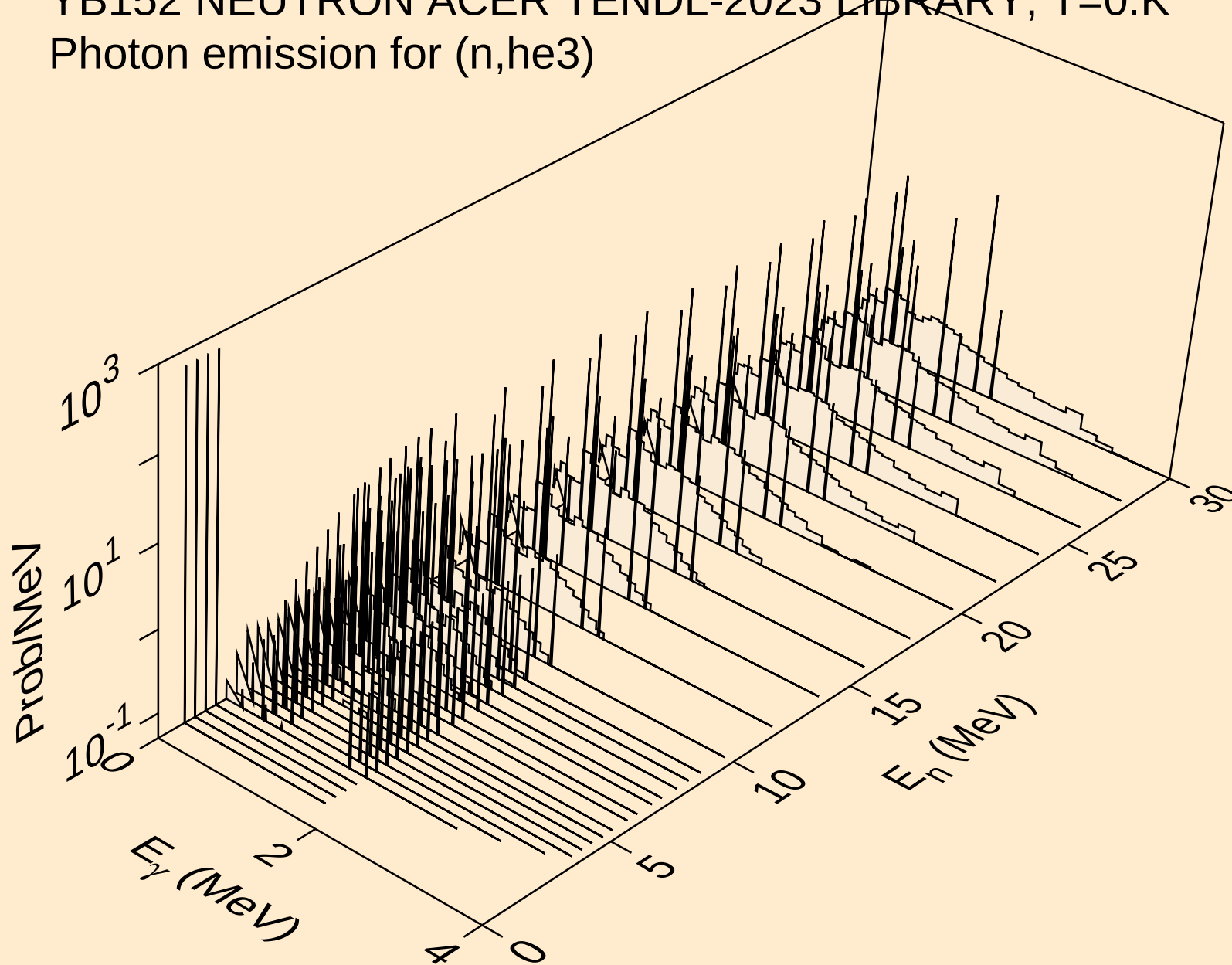
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Photon emission for (n,d)



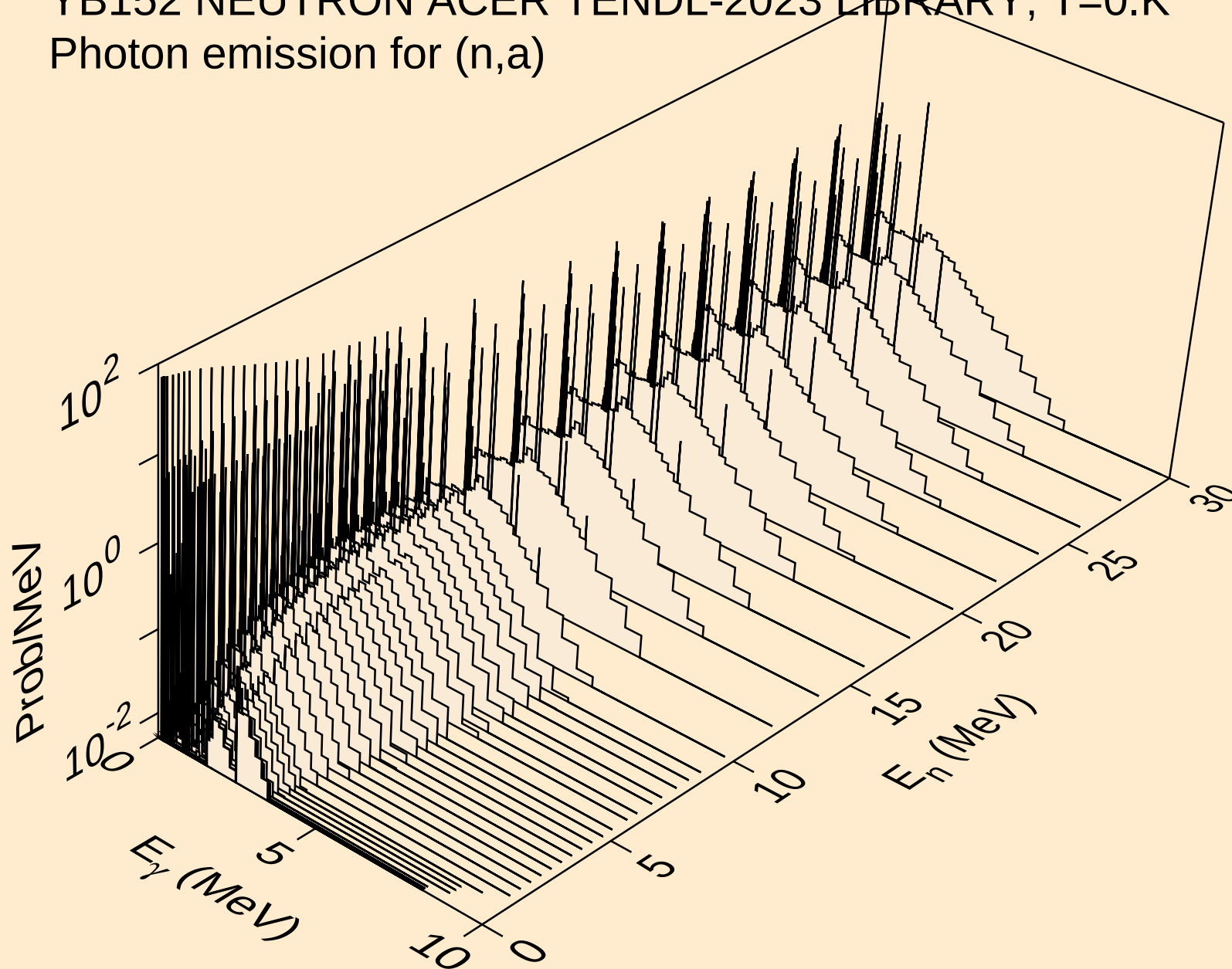
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



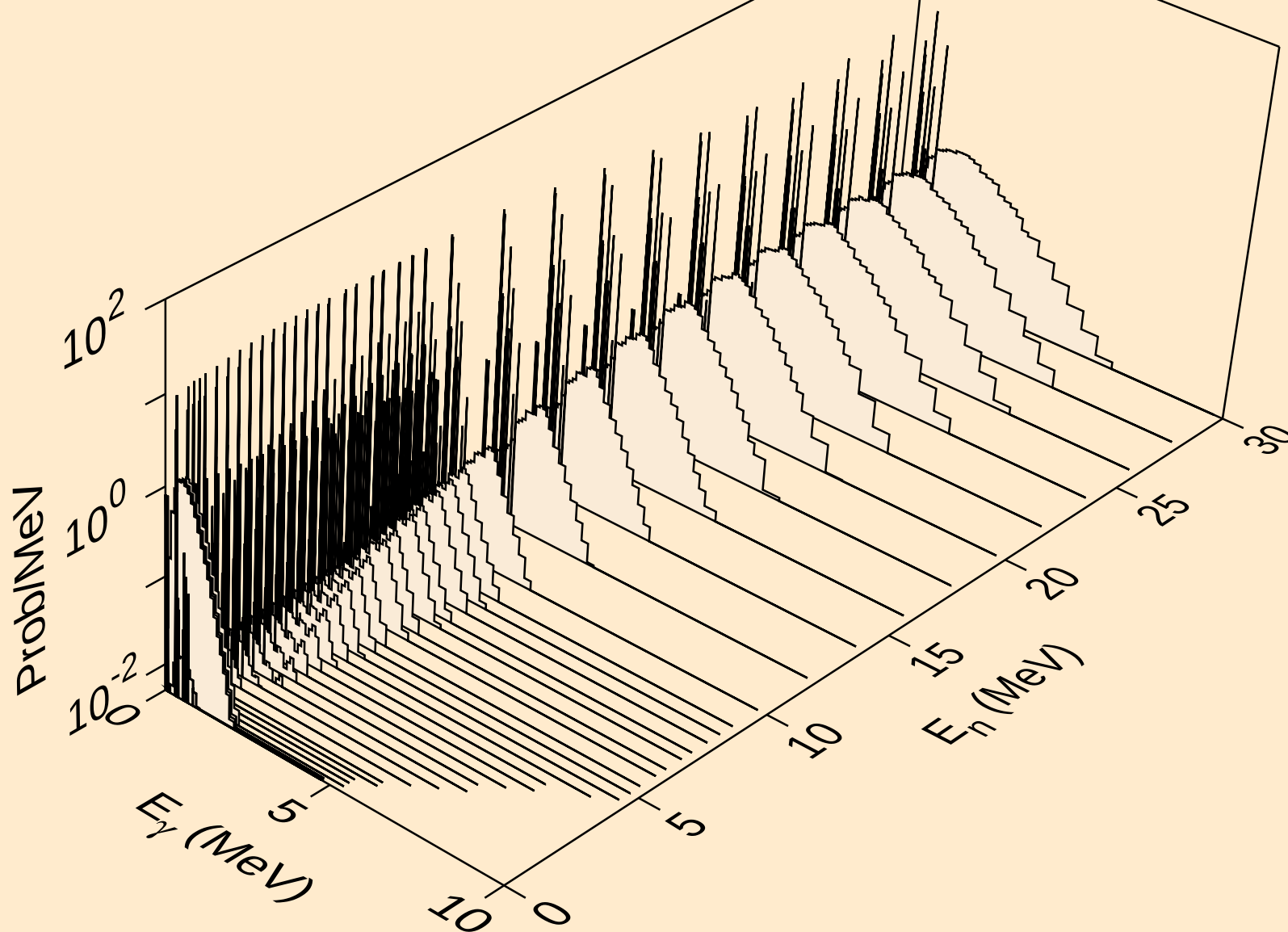
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



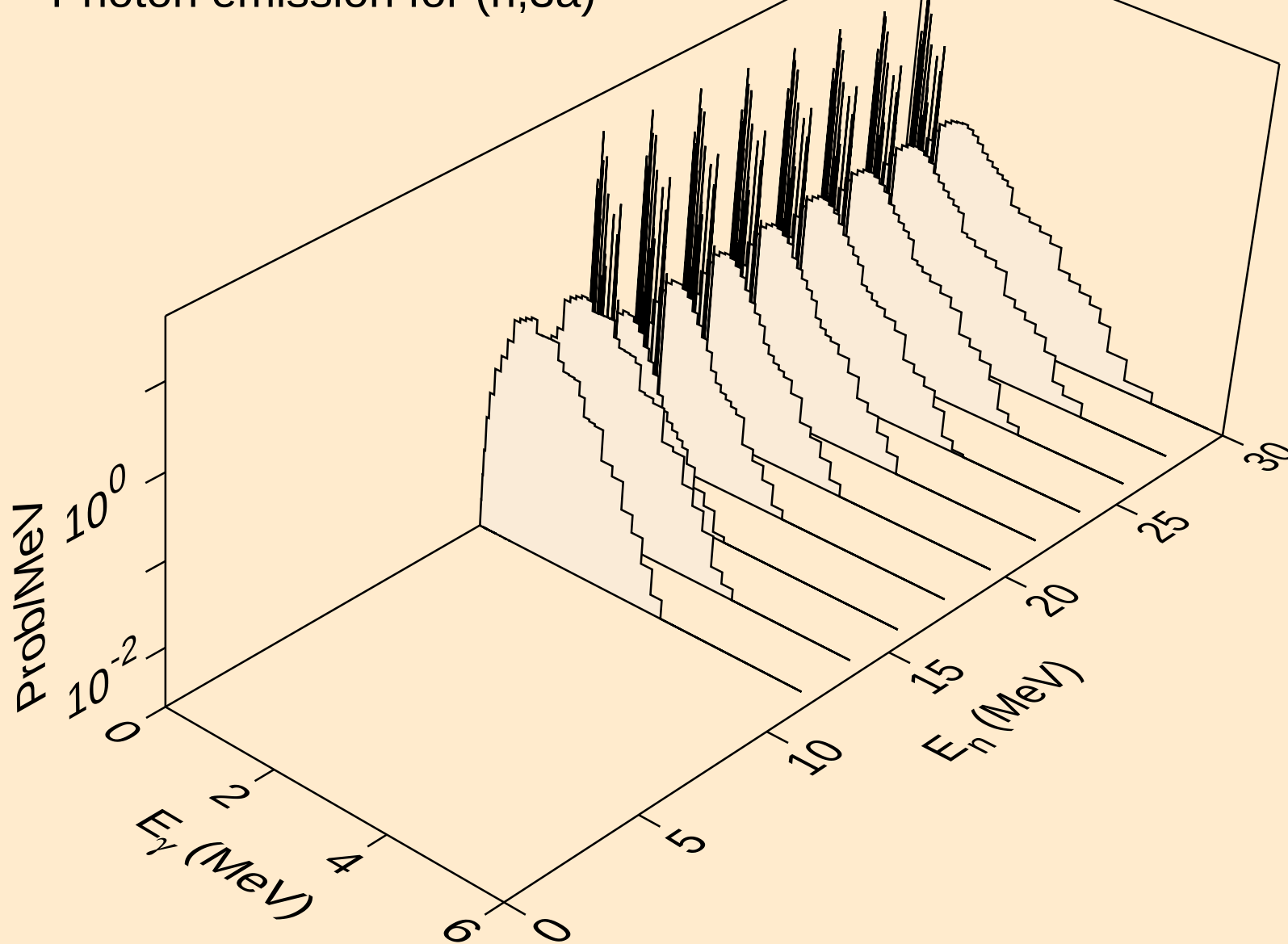
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



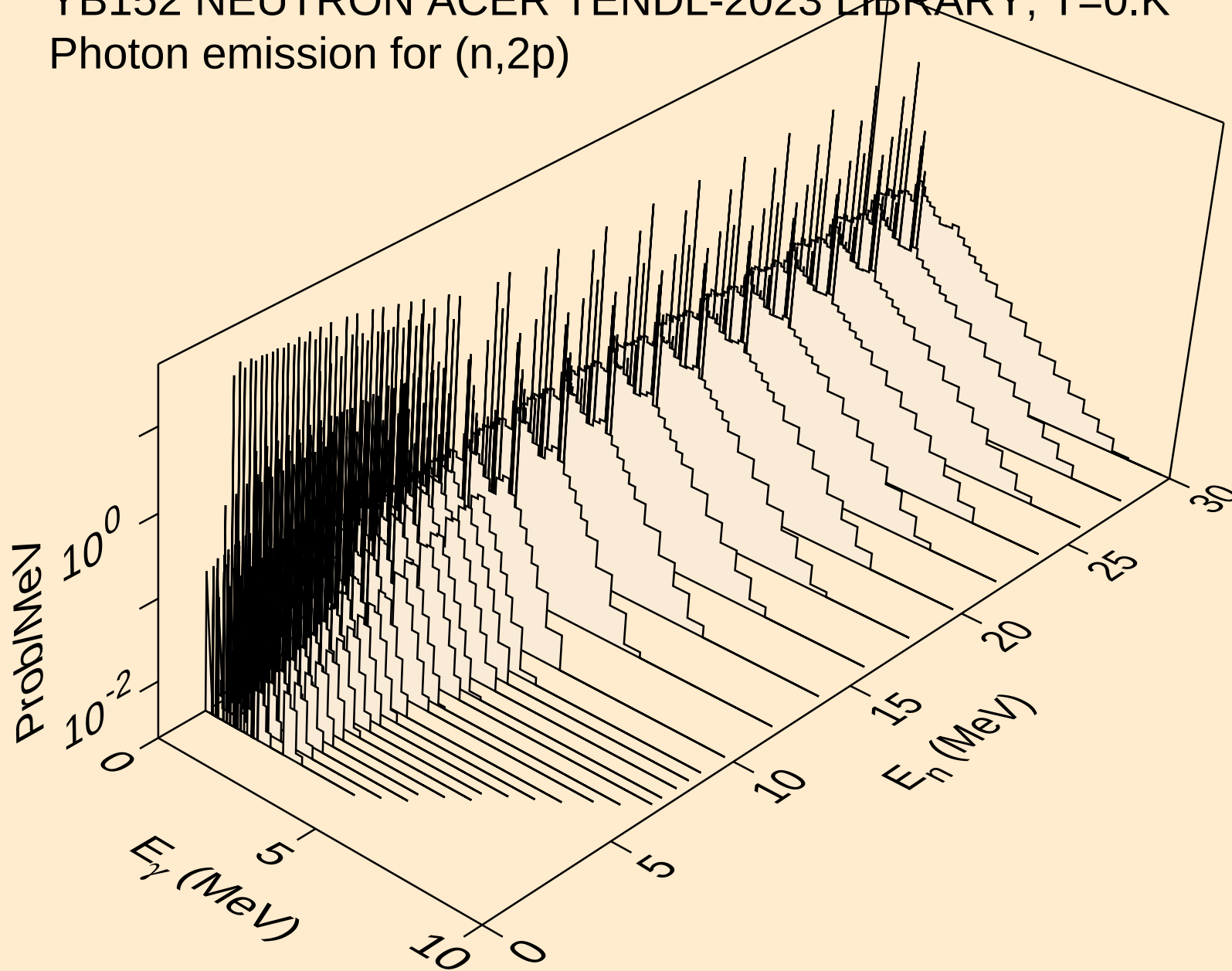
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



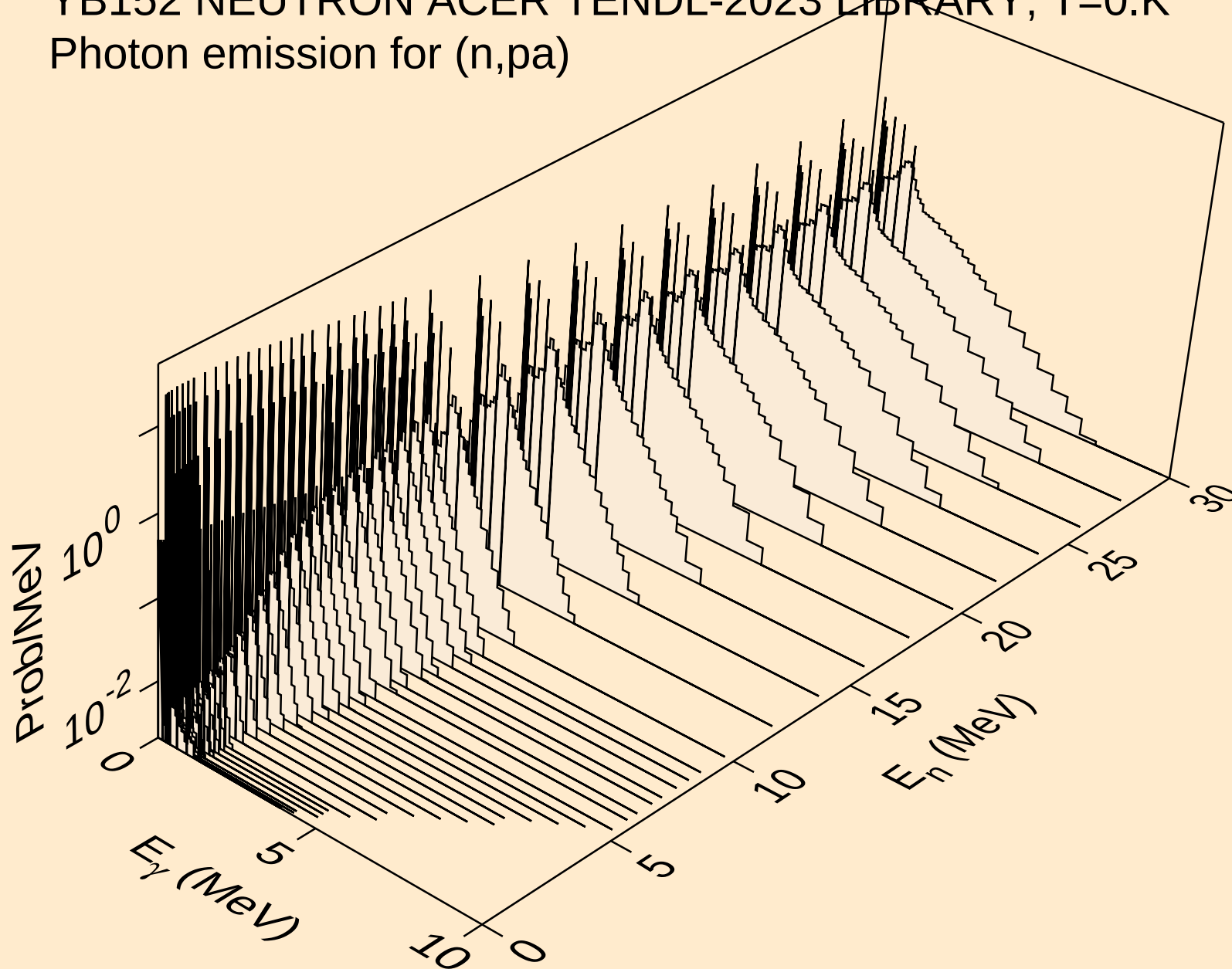
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



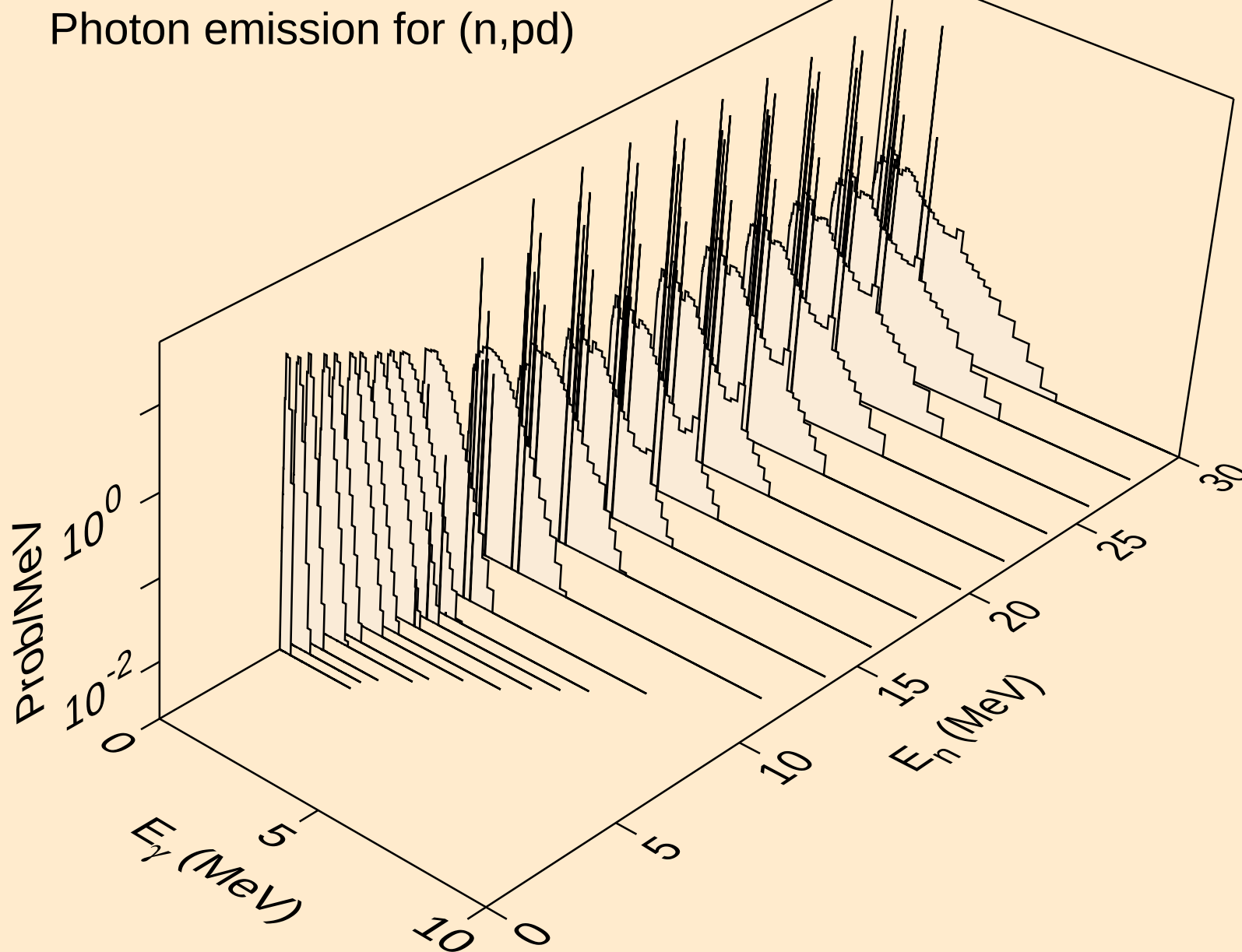
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

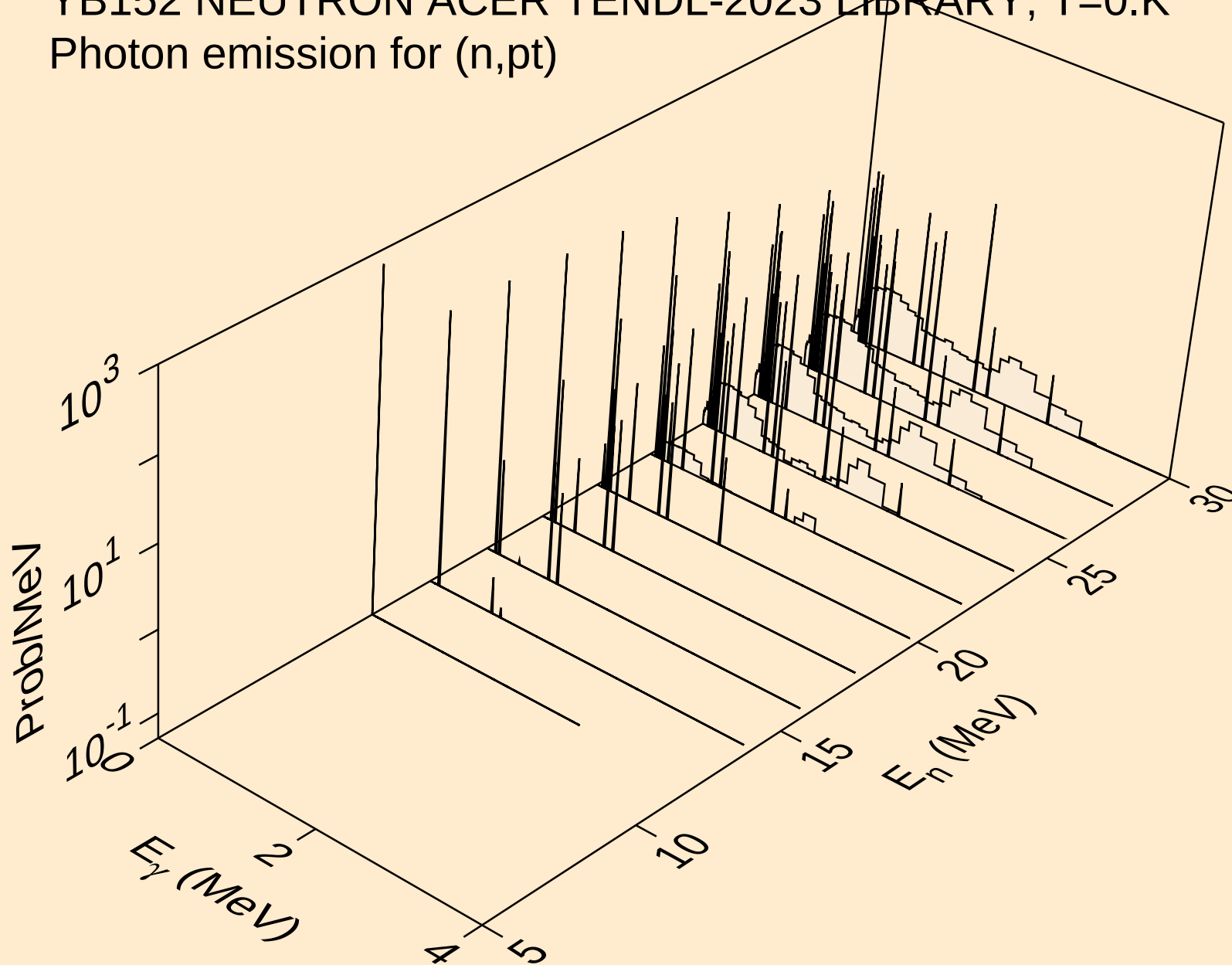


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

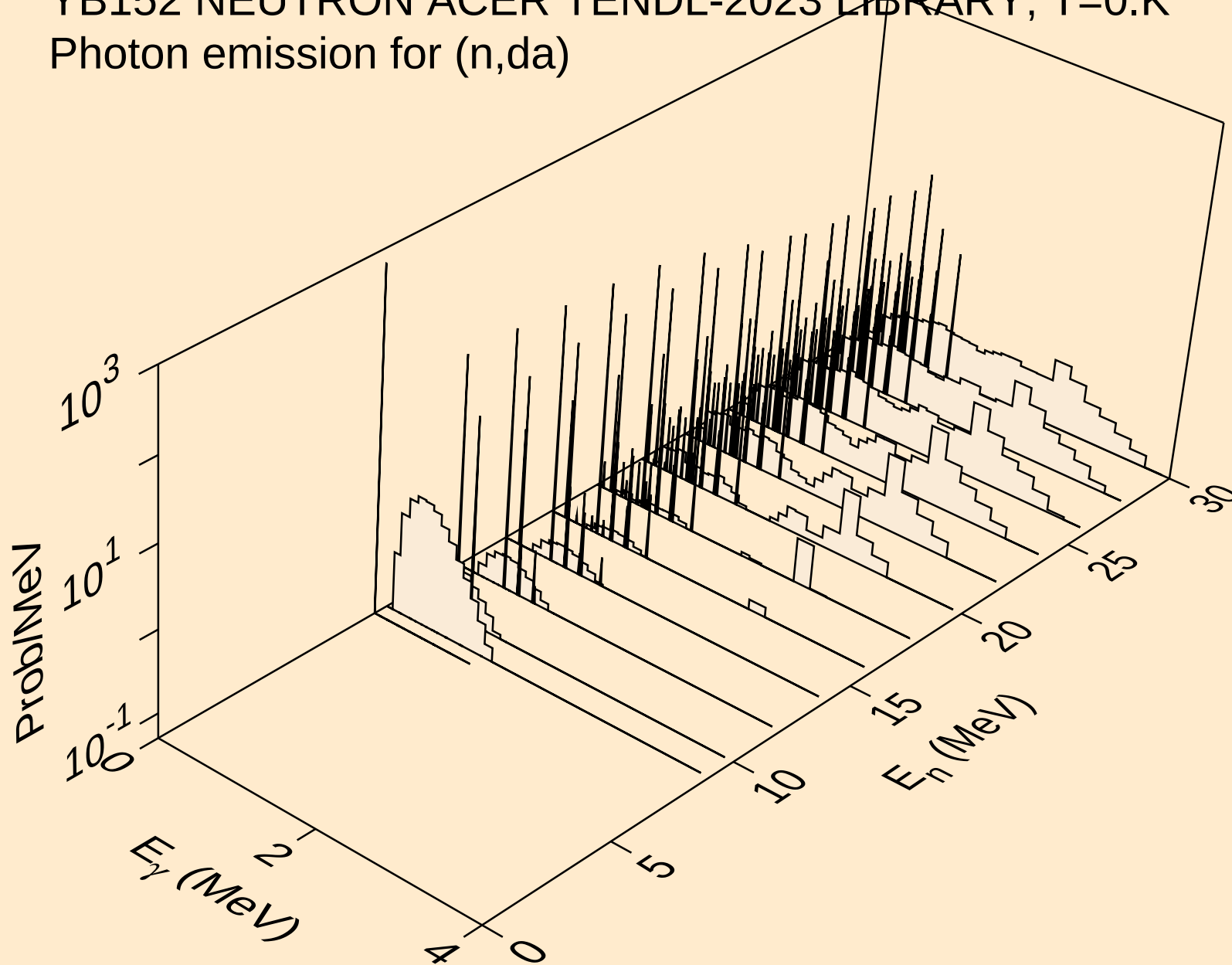


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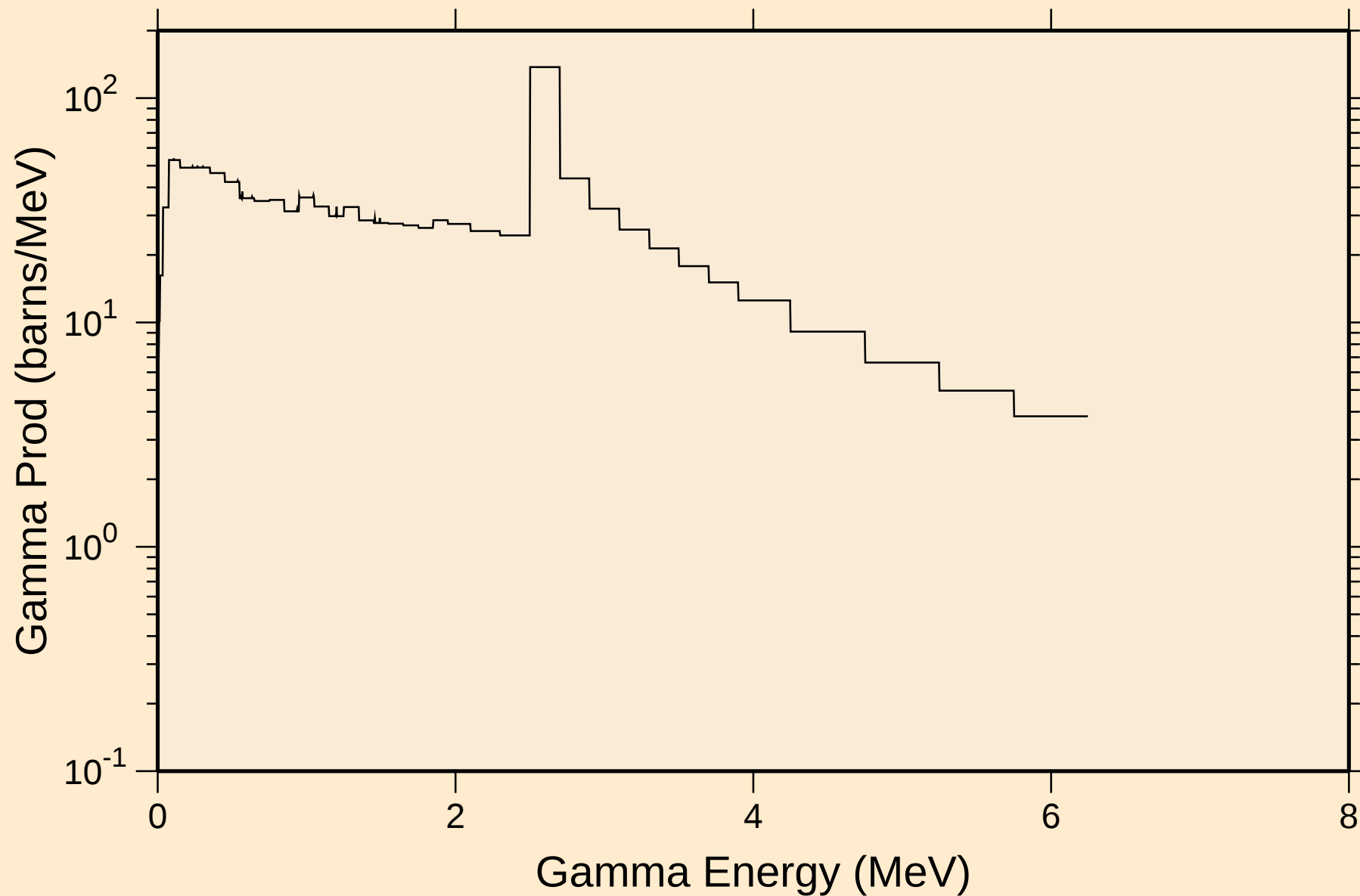
Photon emission for (n,pt)



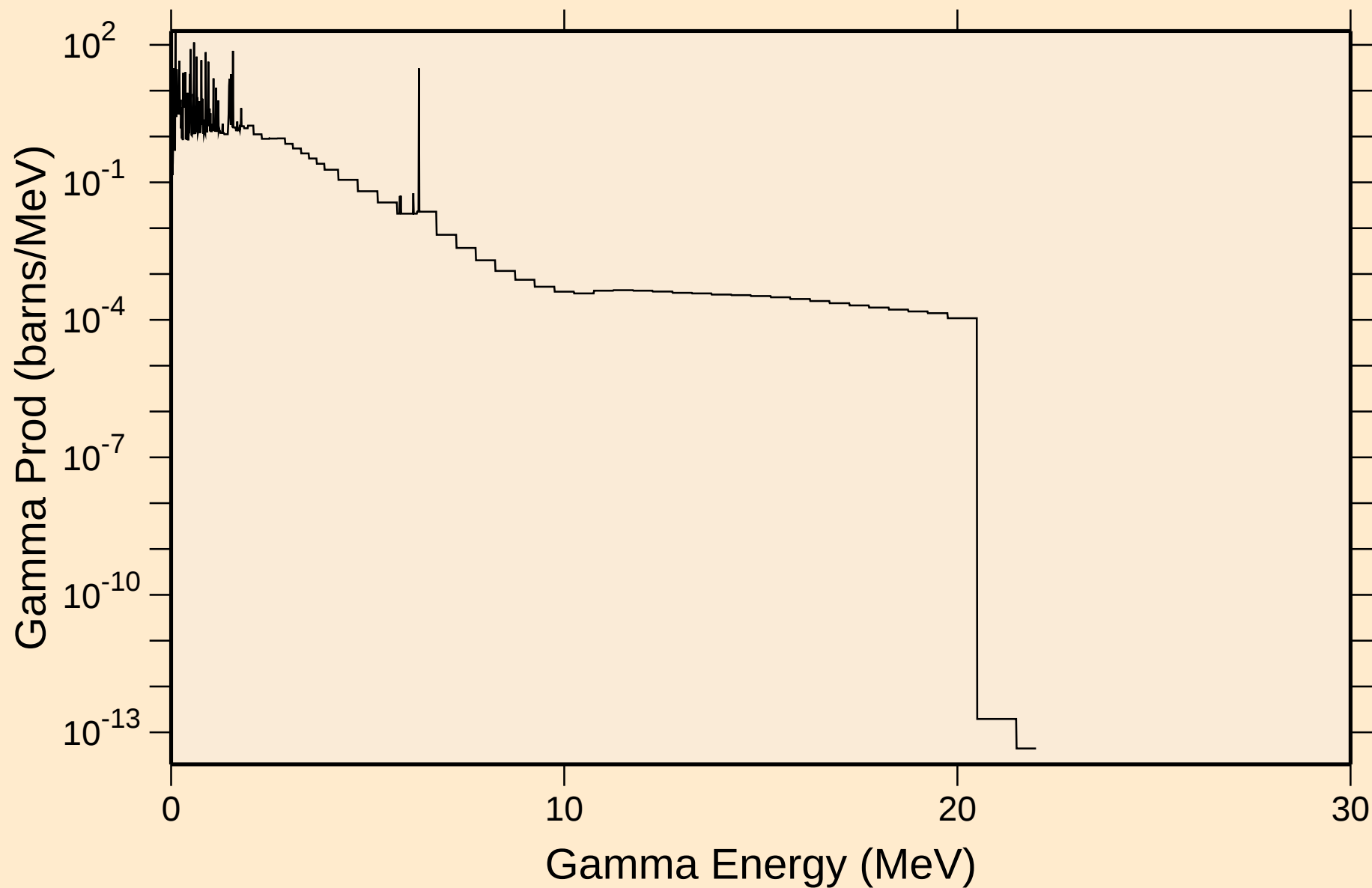
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

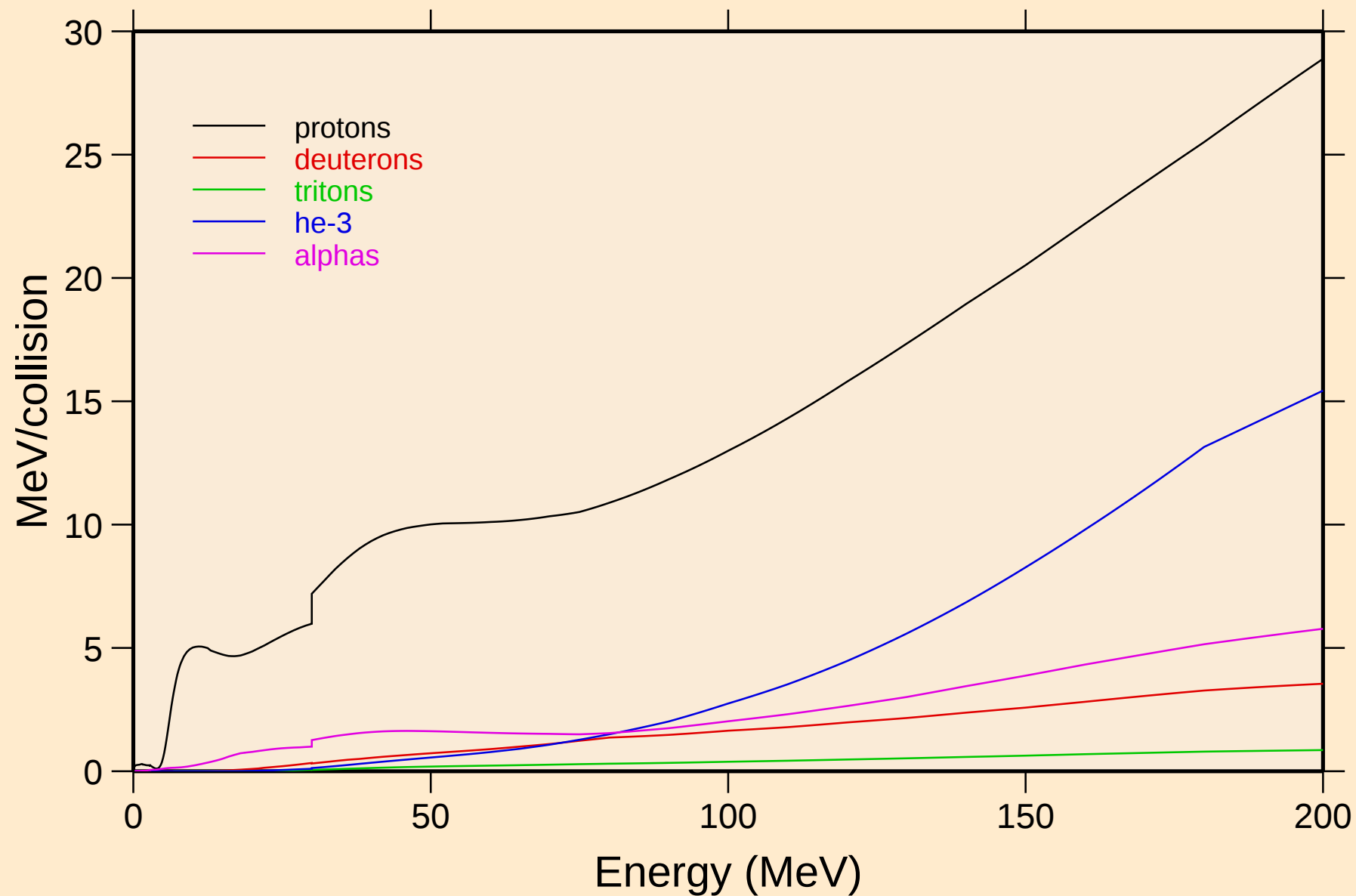


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



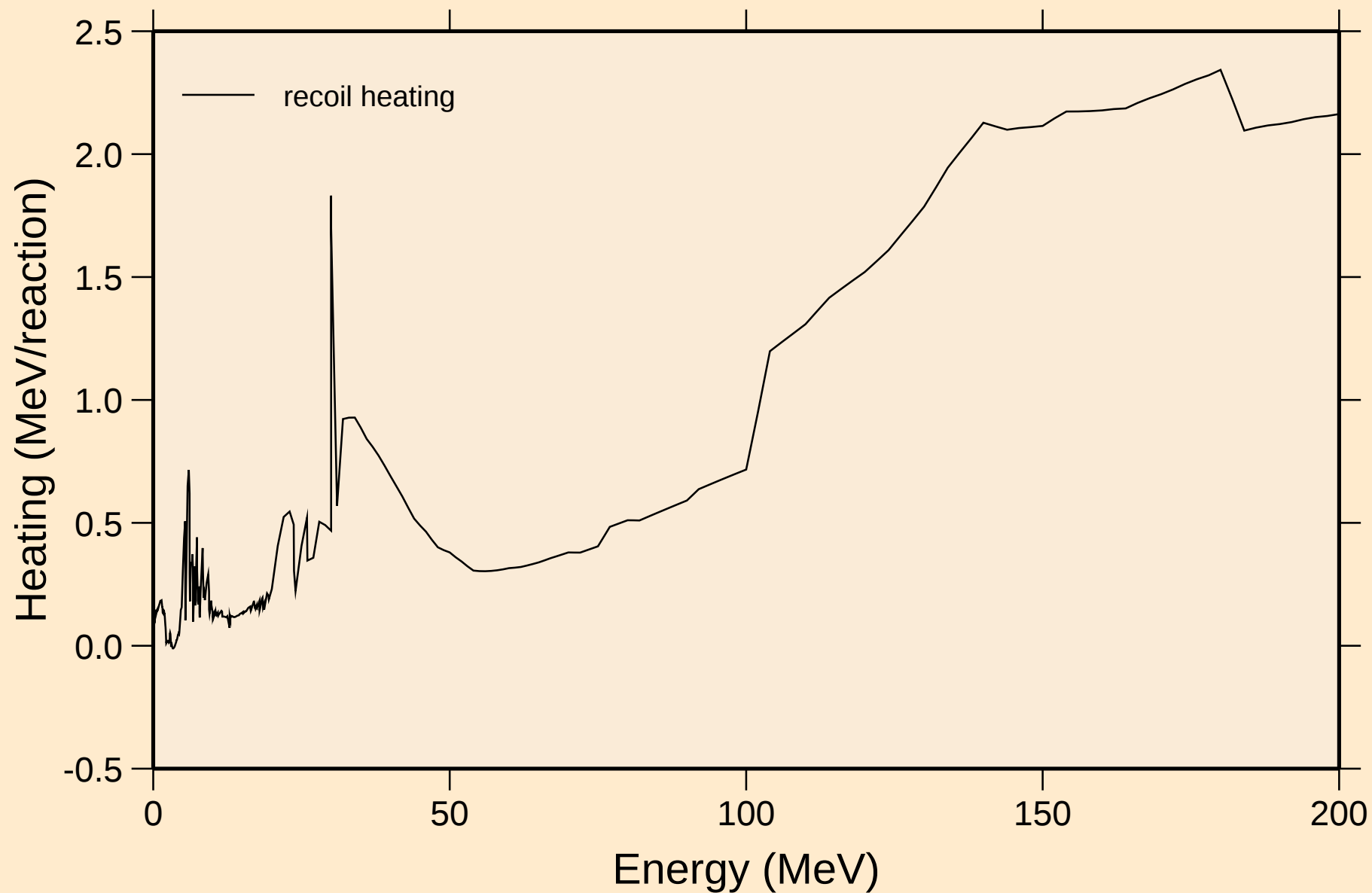
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



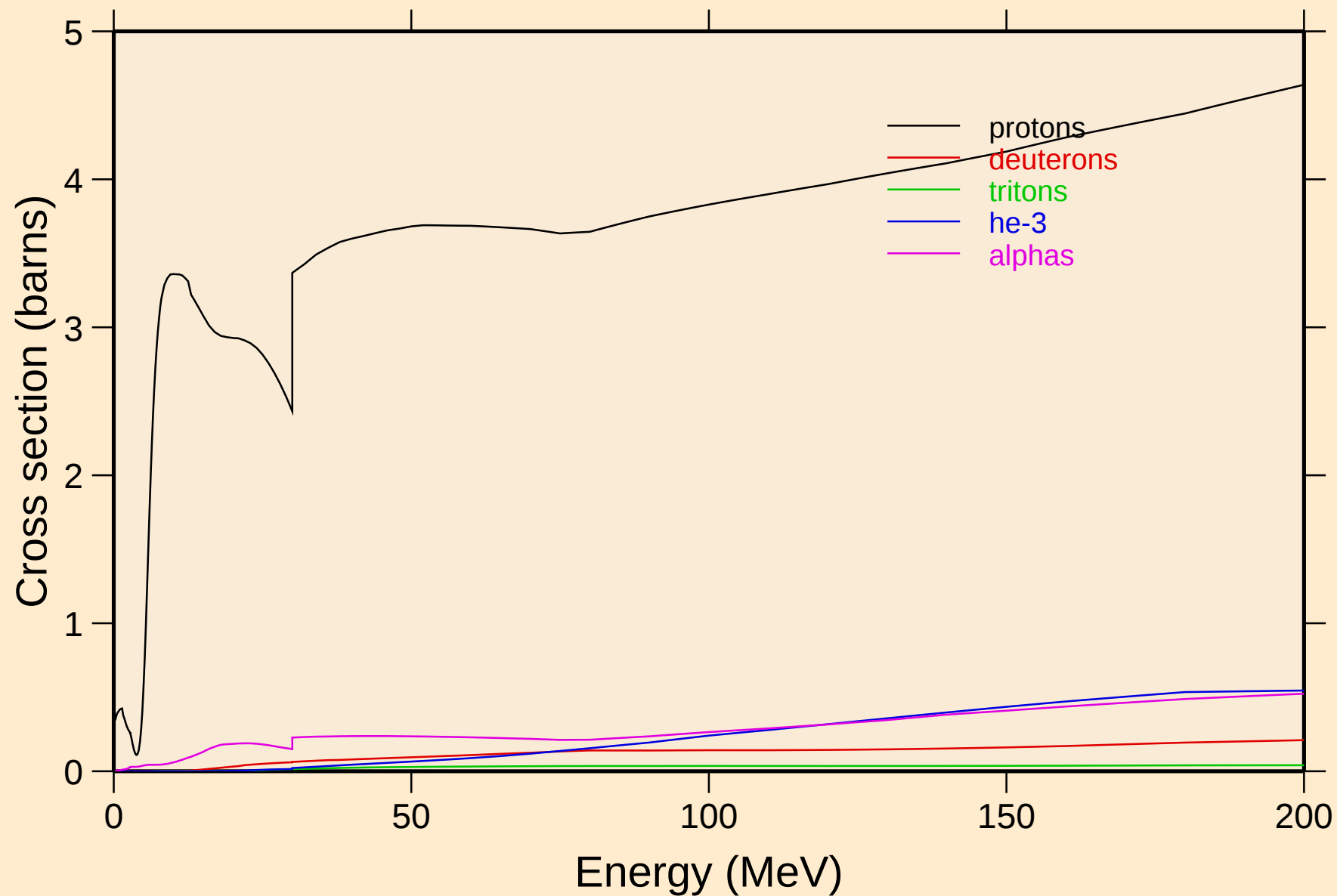
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

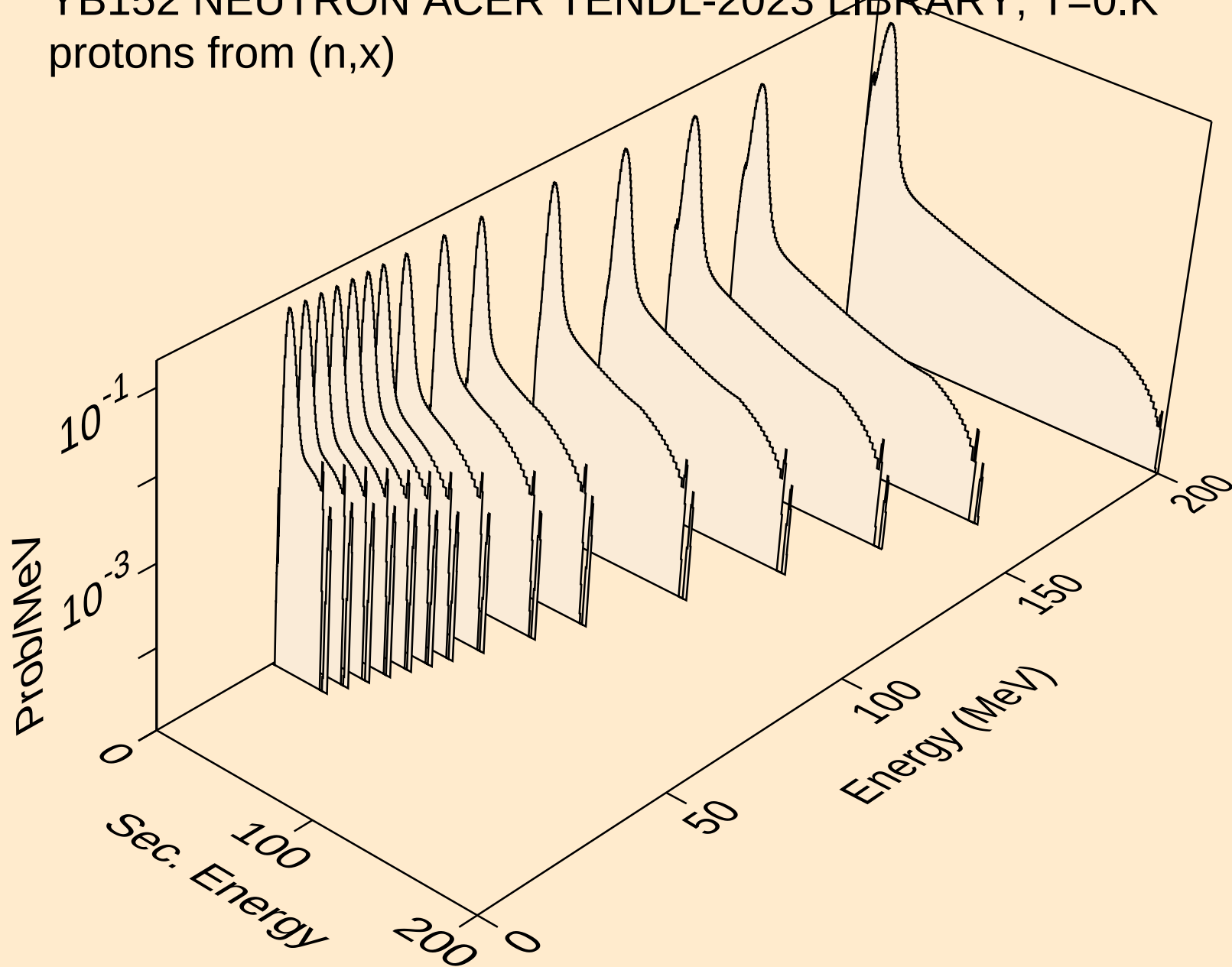


YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

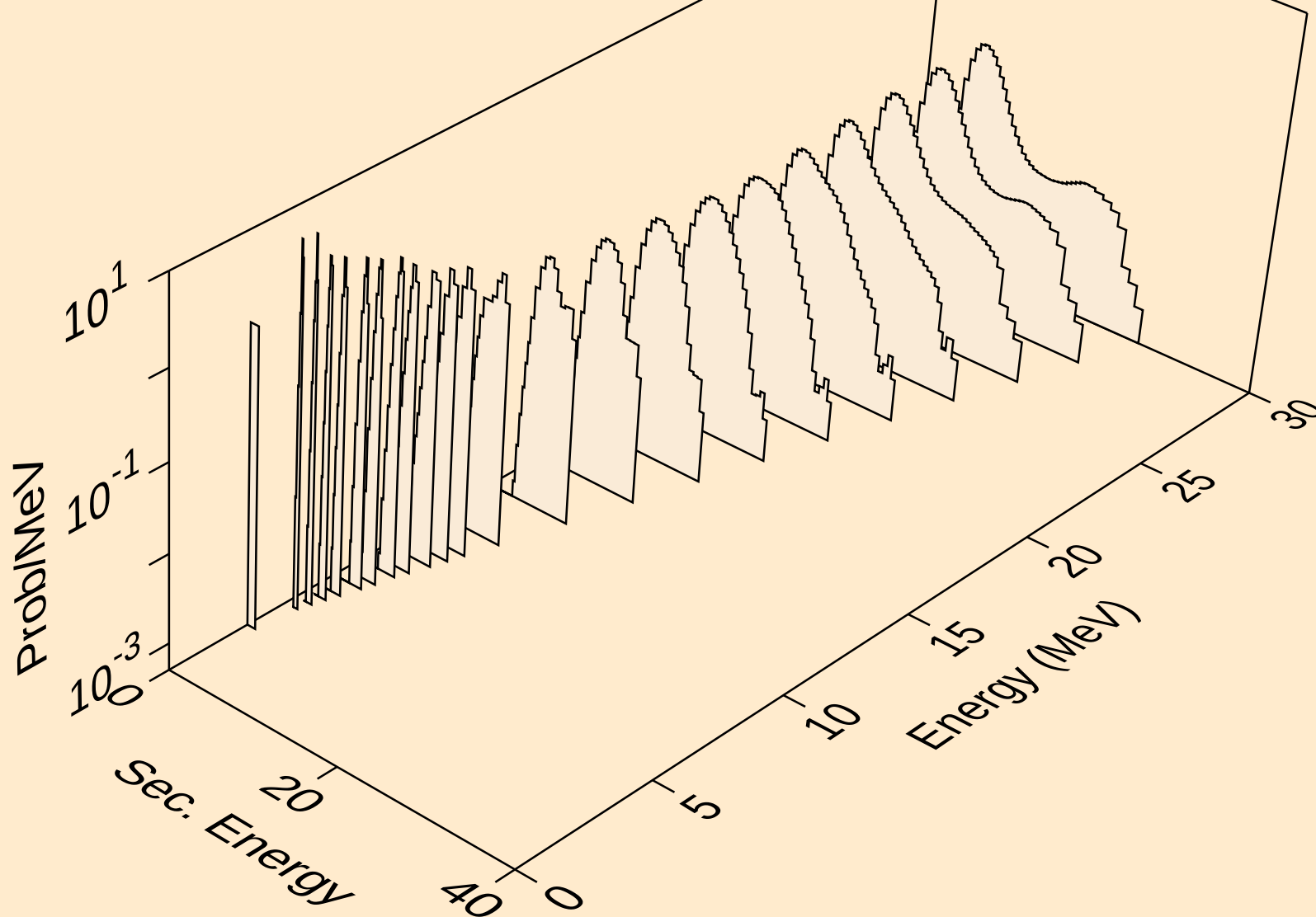
Particle production cross sections



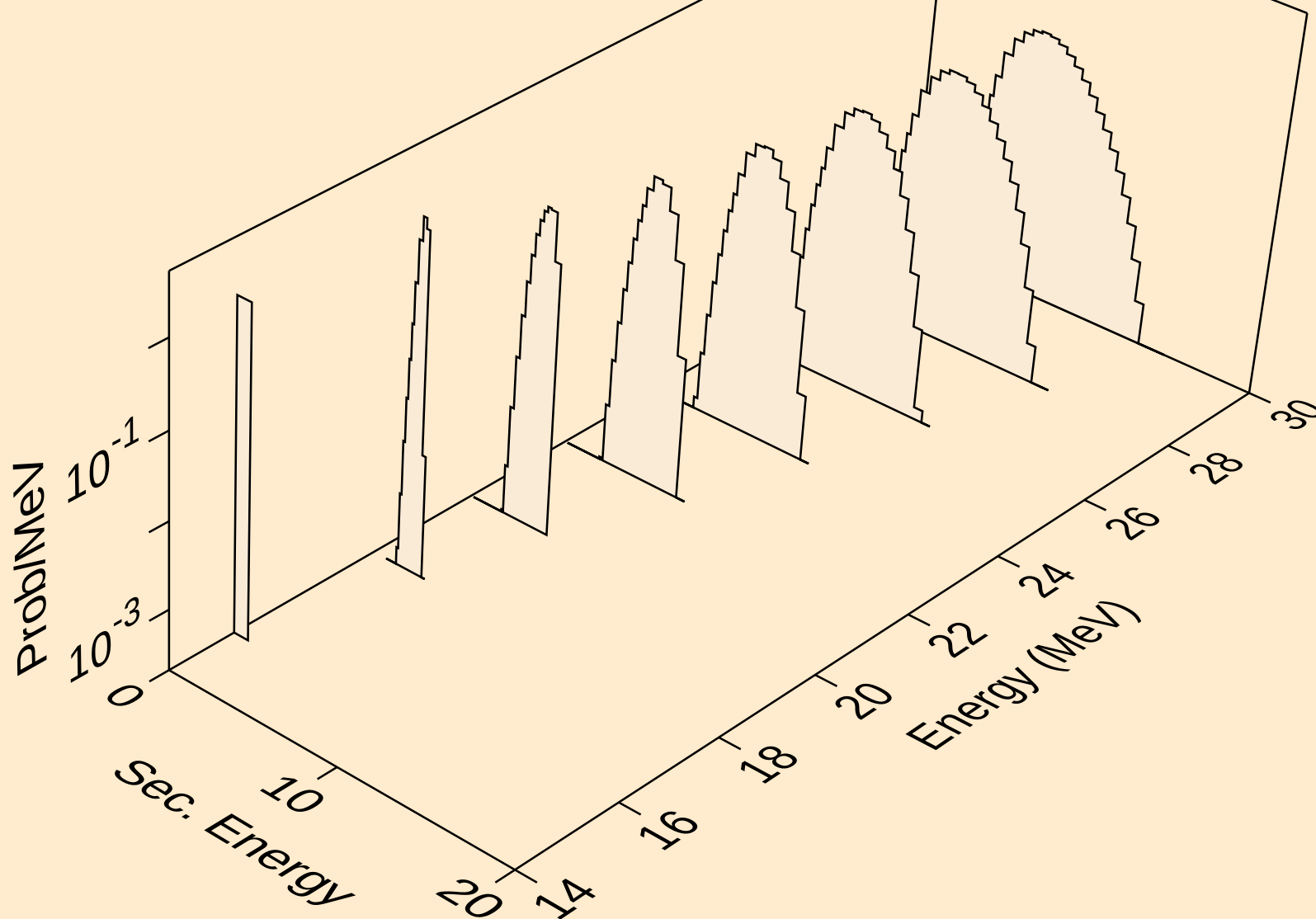
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



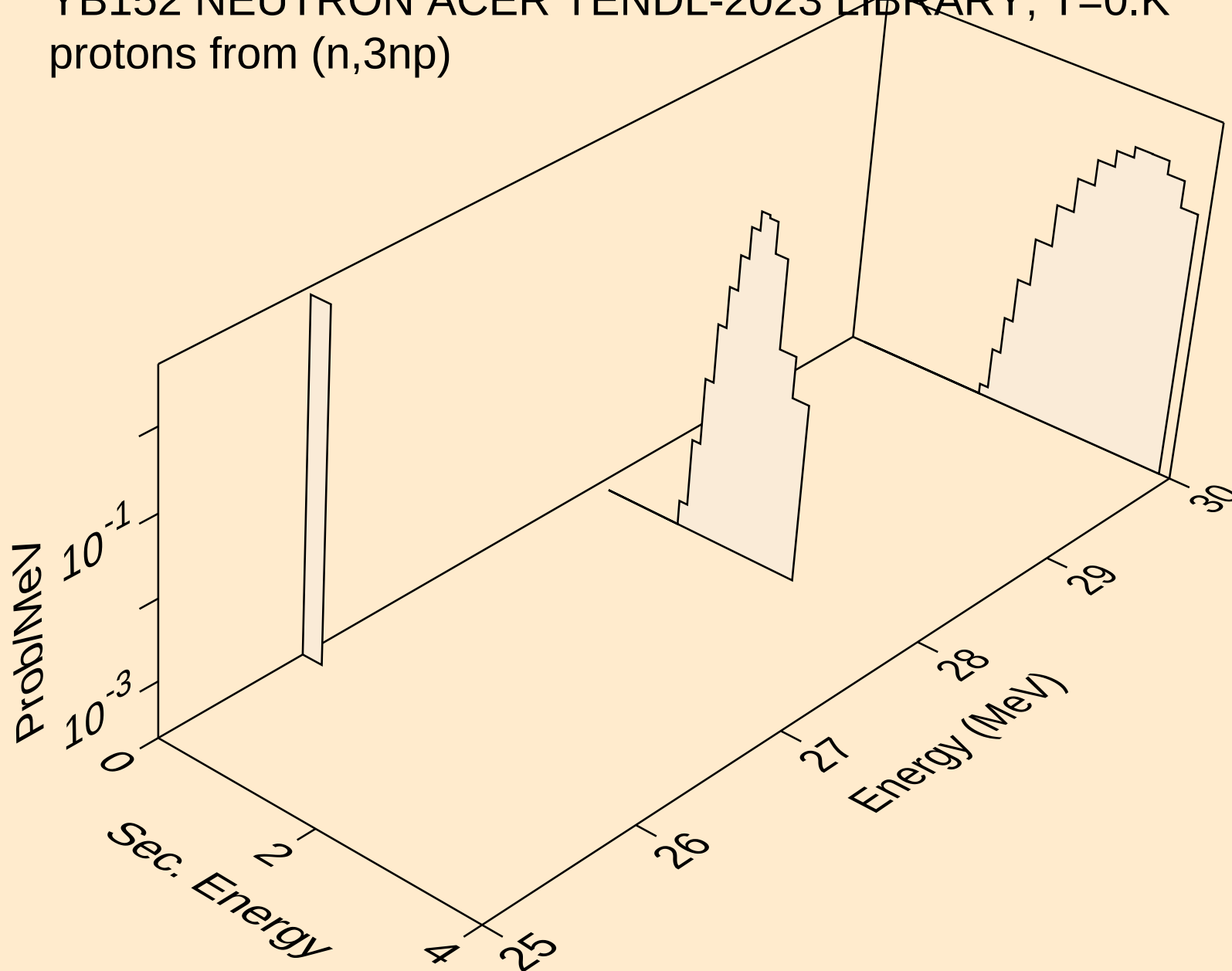
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



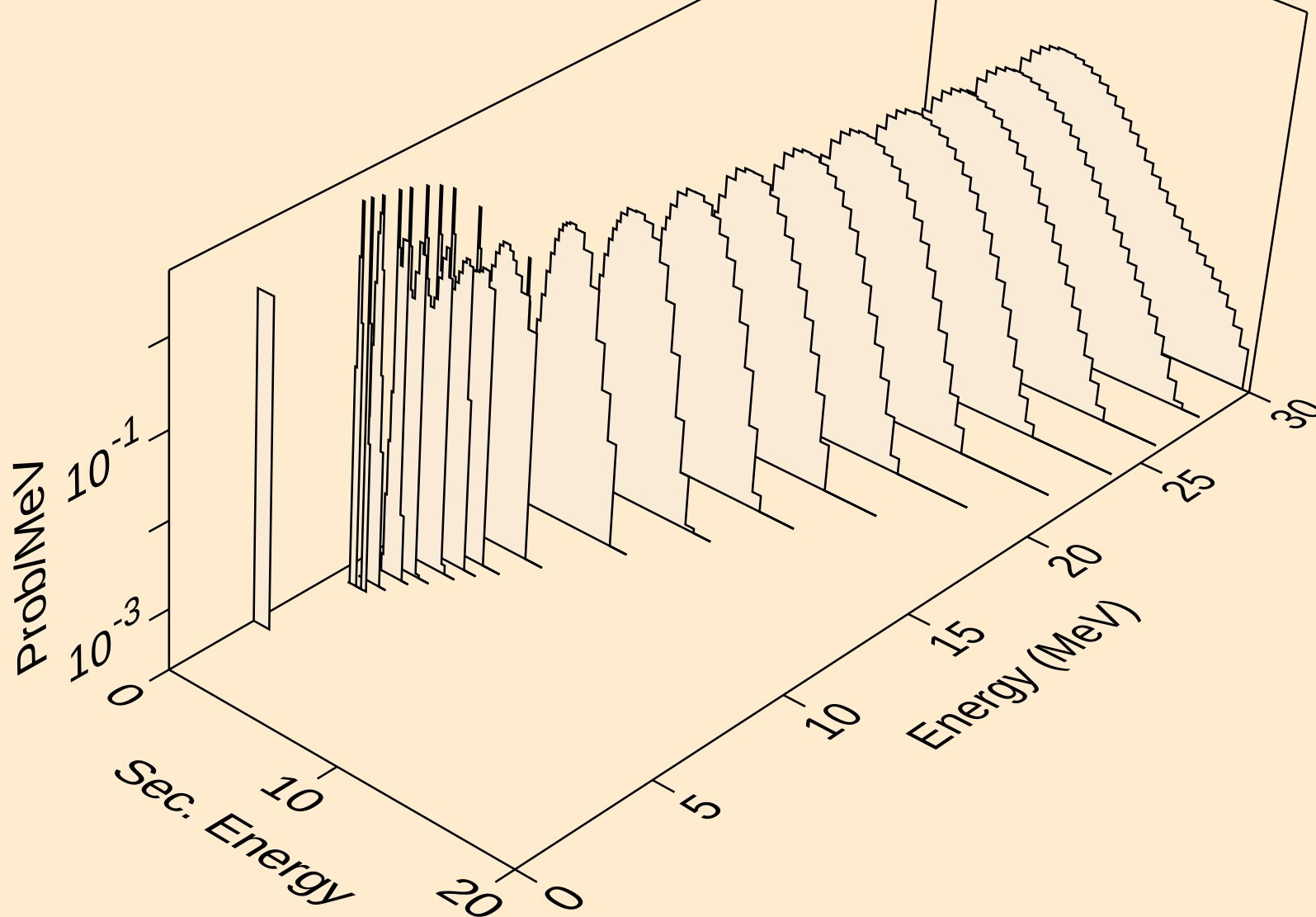
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protons from (n,2np)



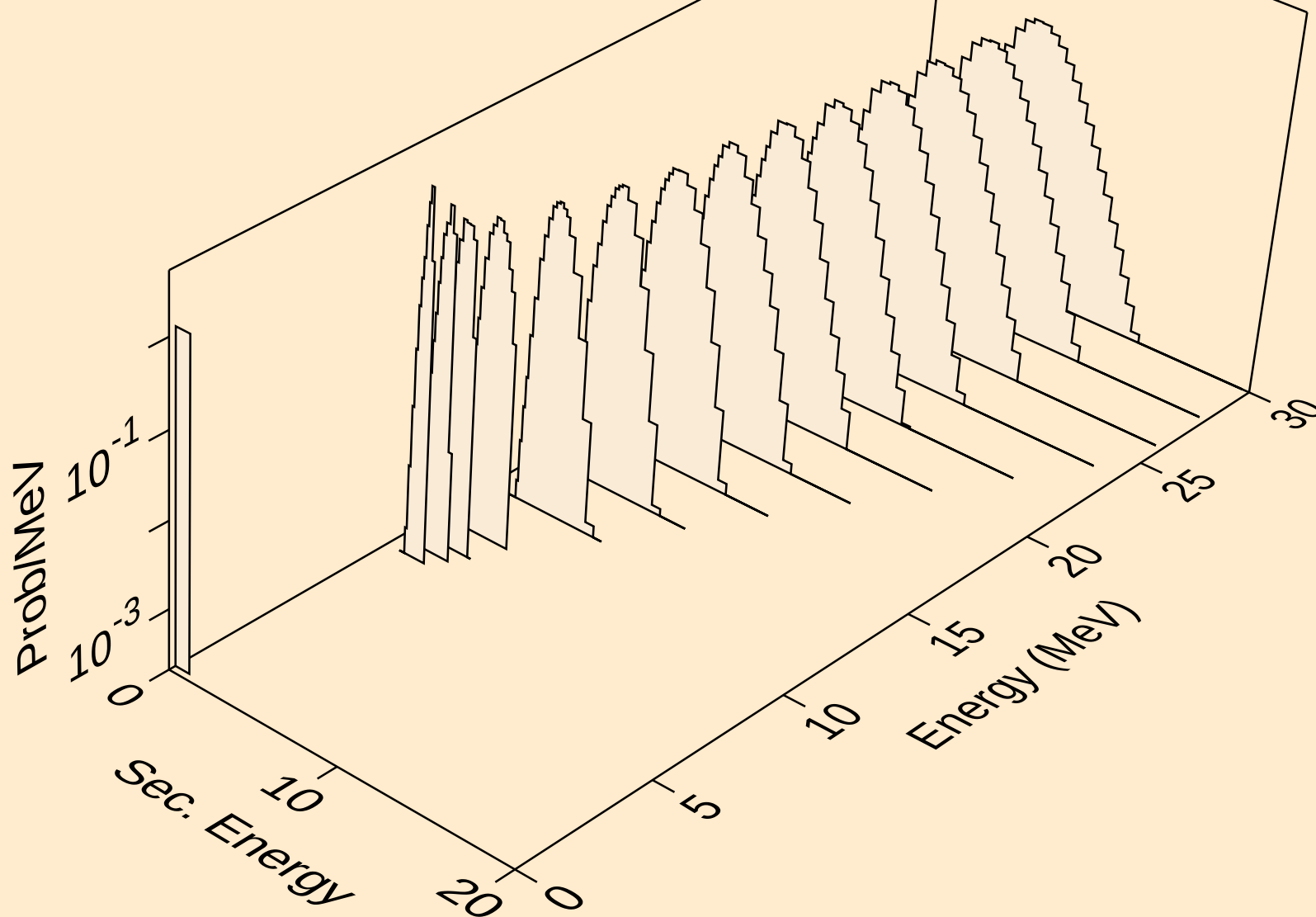
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protons from (n,3np)



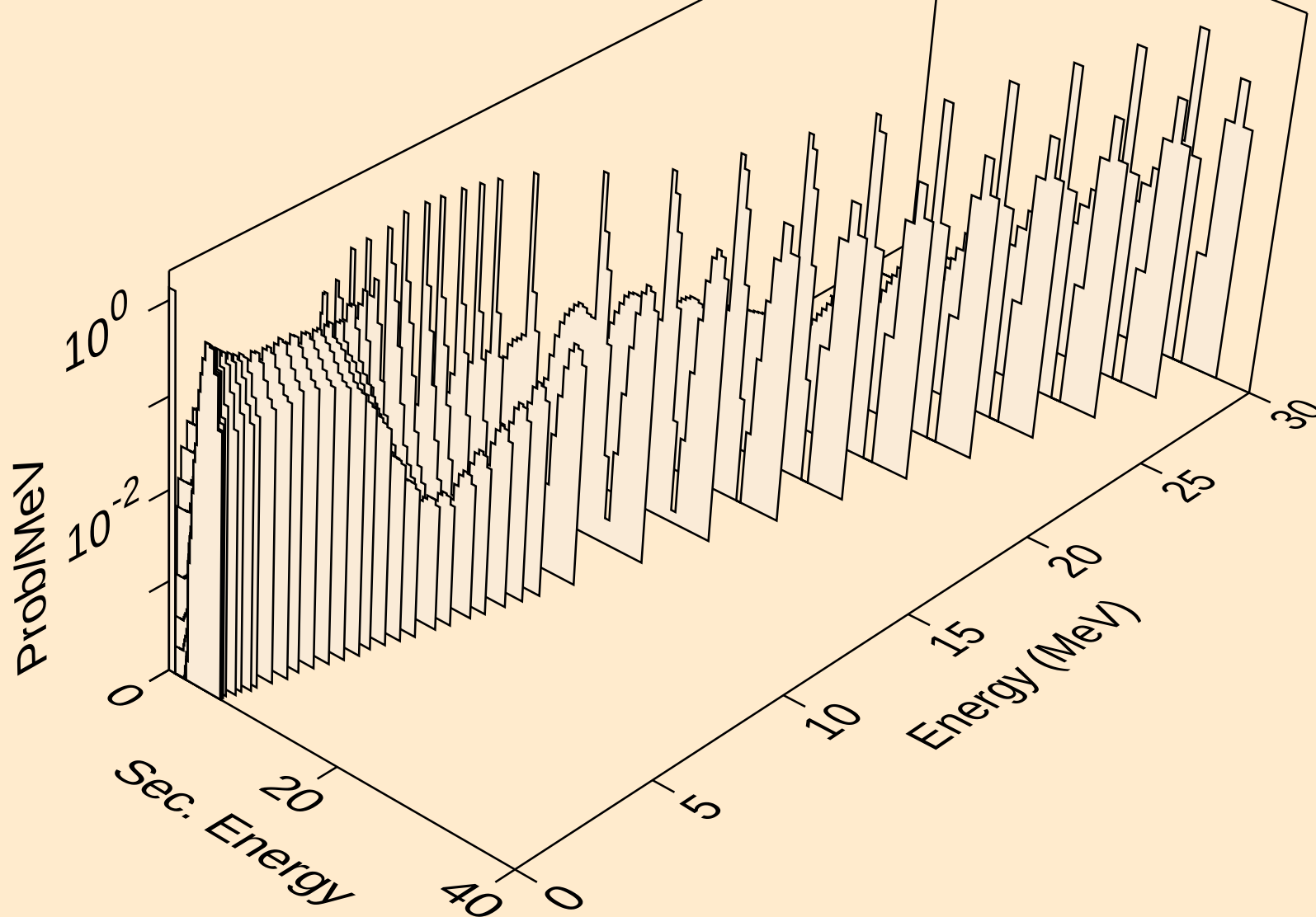
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protons from (n,n2p)



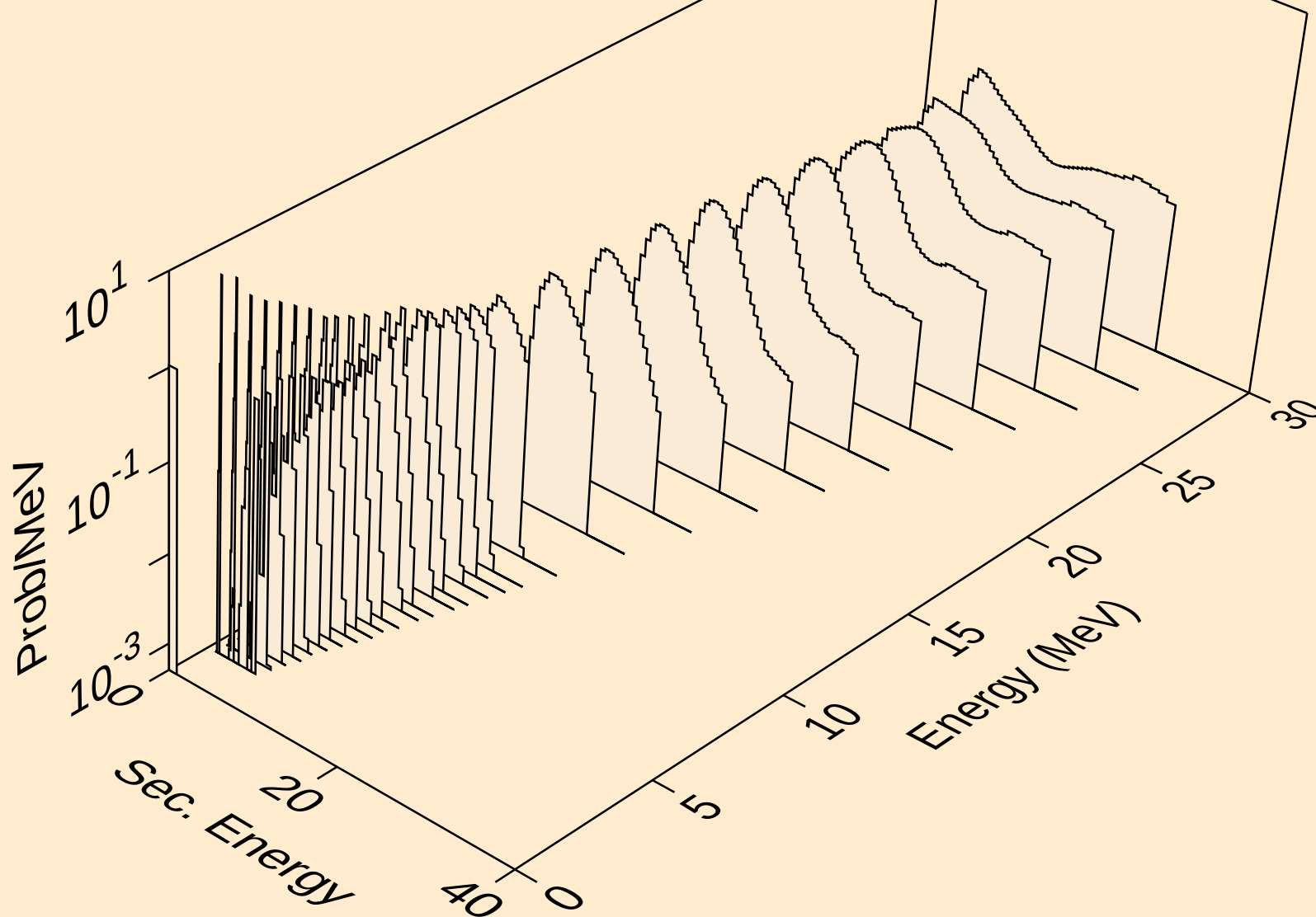
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protons from (n,npa)



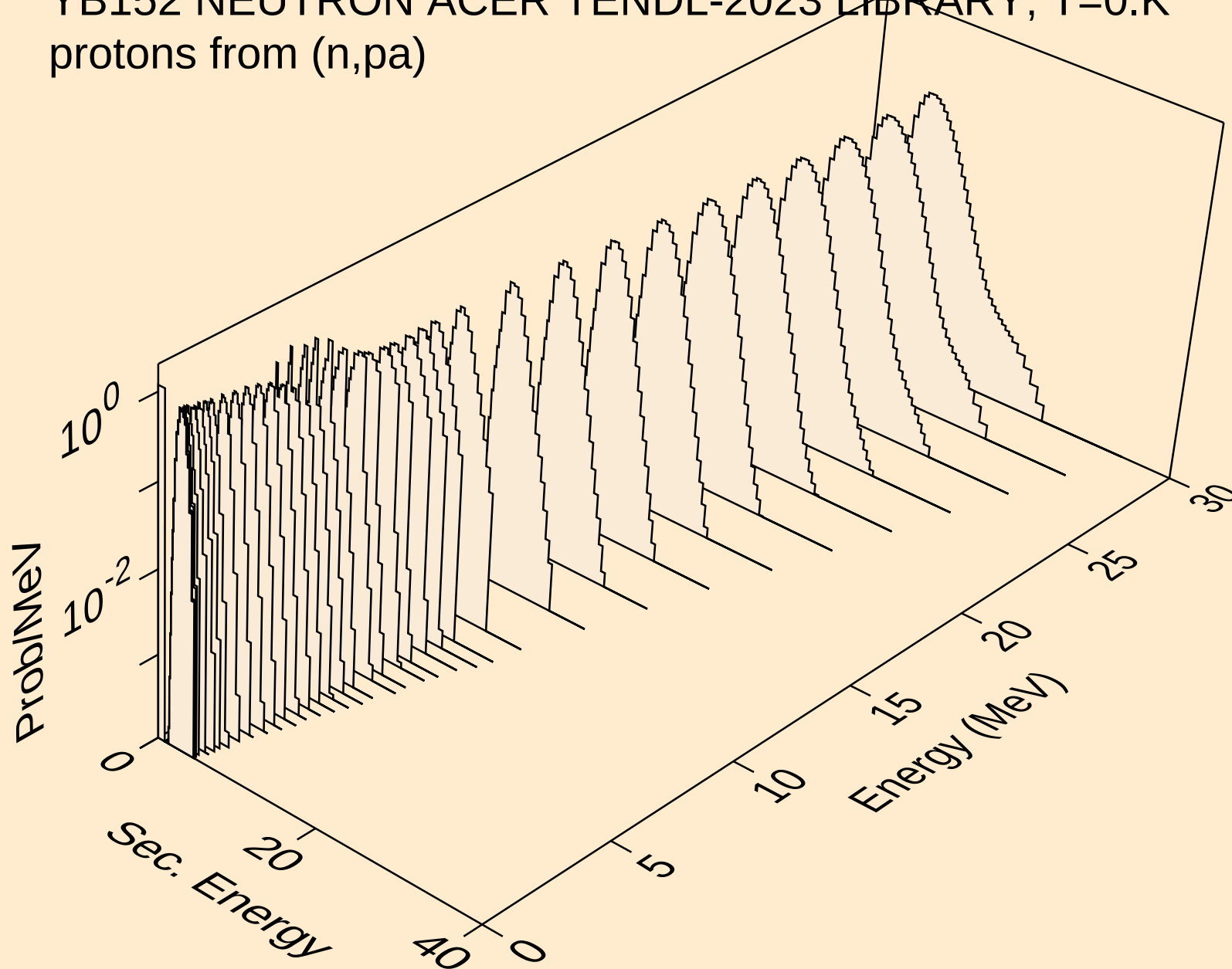
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protons from (n,p)



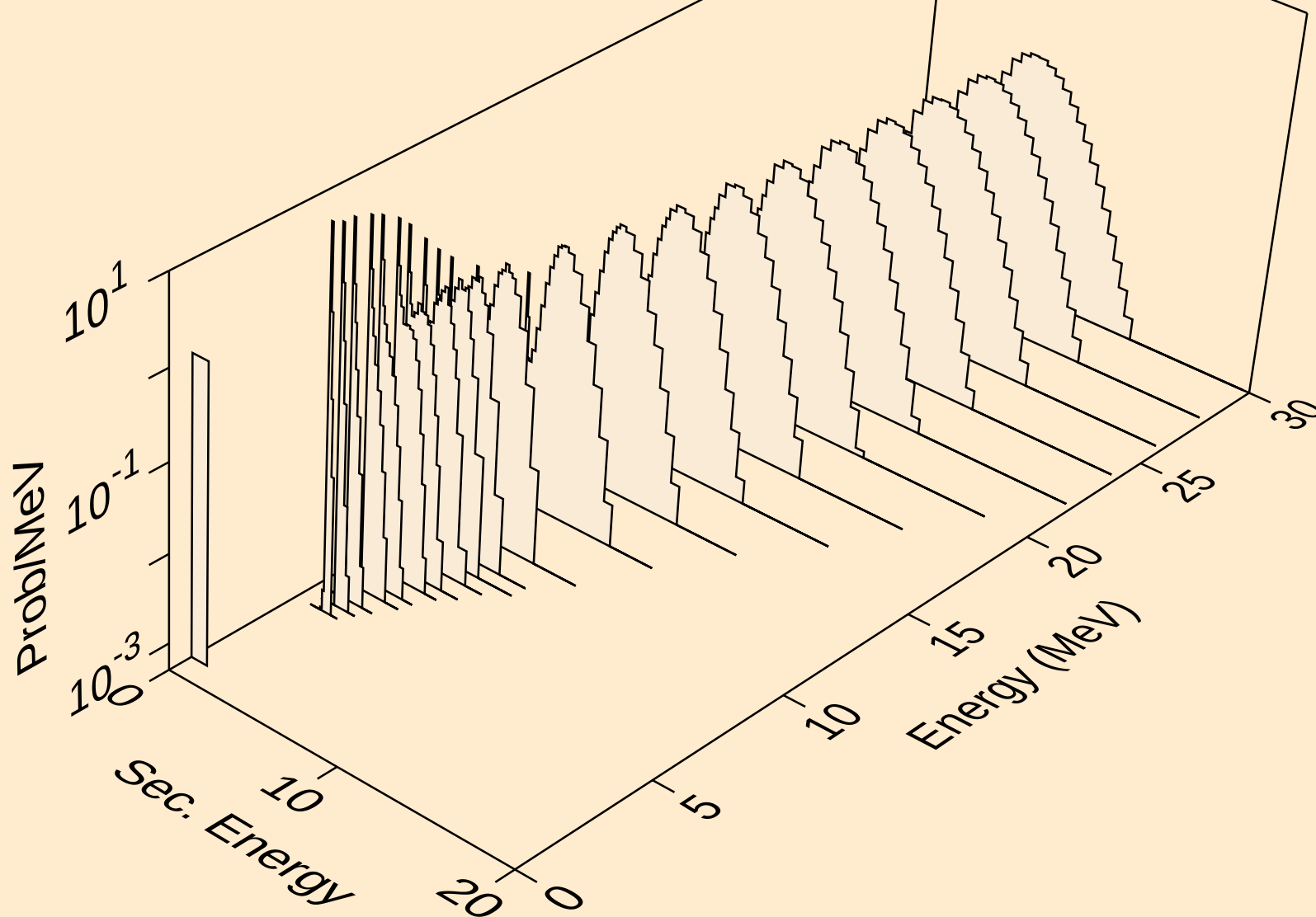
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protons from (n,2p)



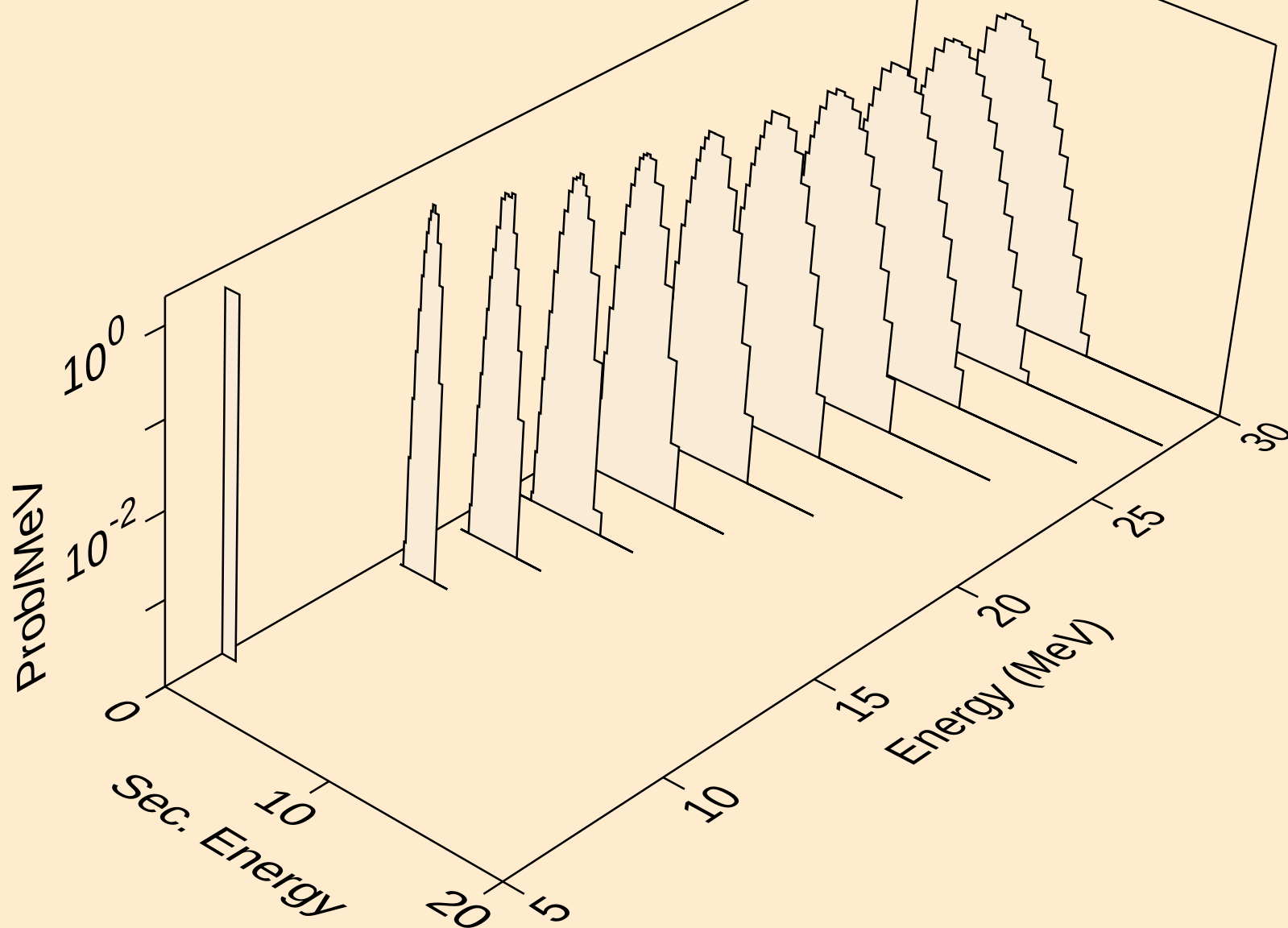
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protons from (n,p)



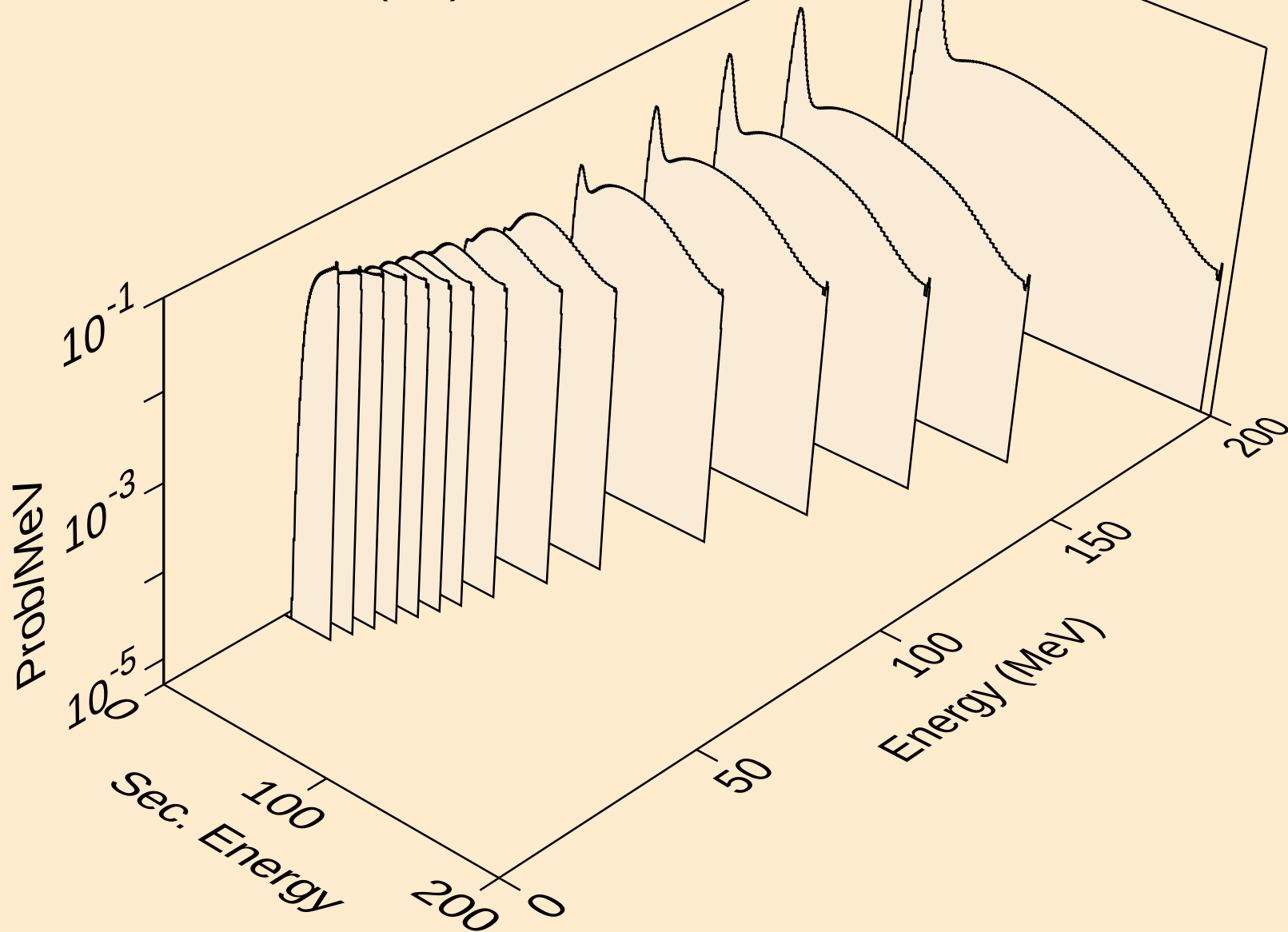
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protons from (n,pd)



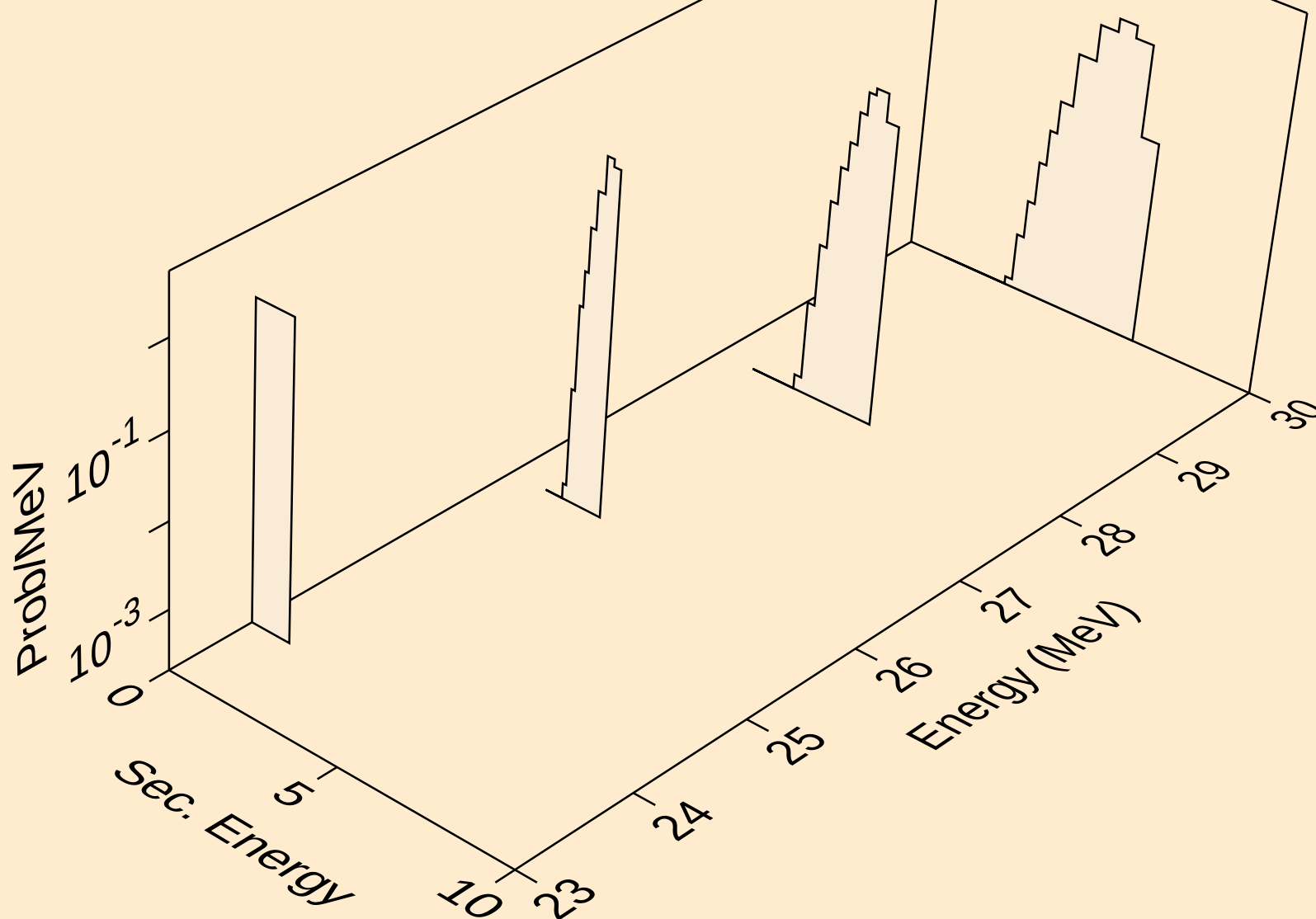
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protons from (n,pt)



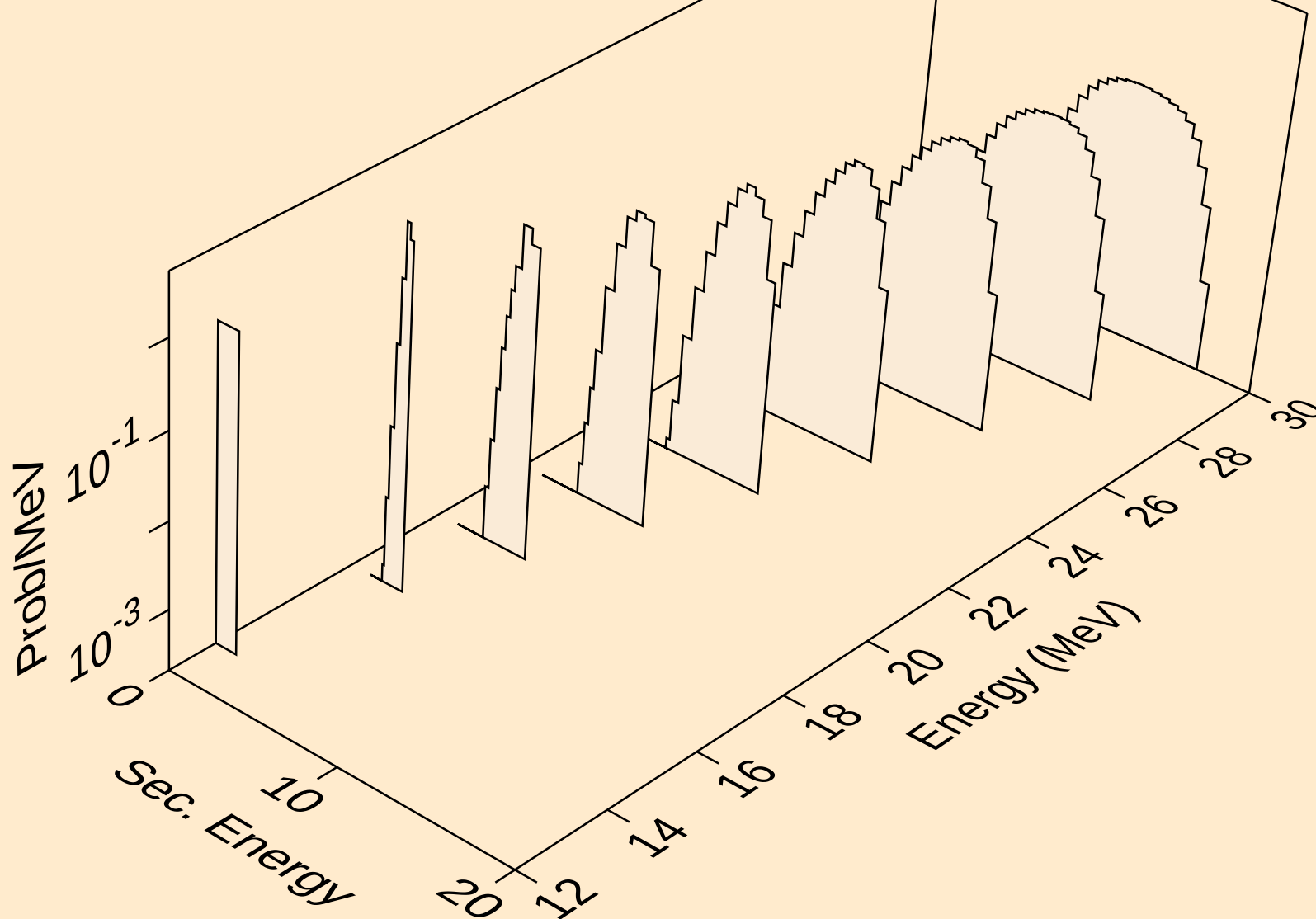
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



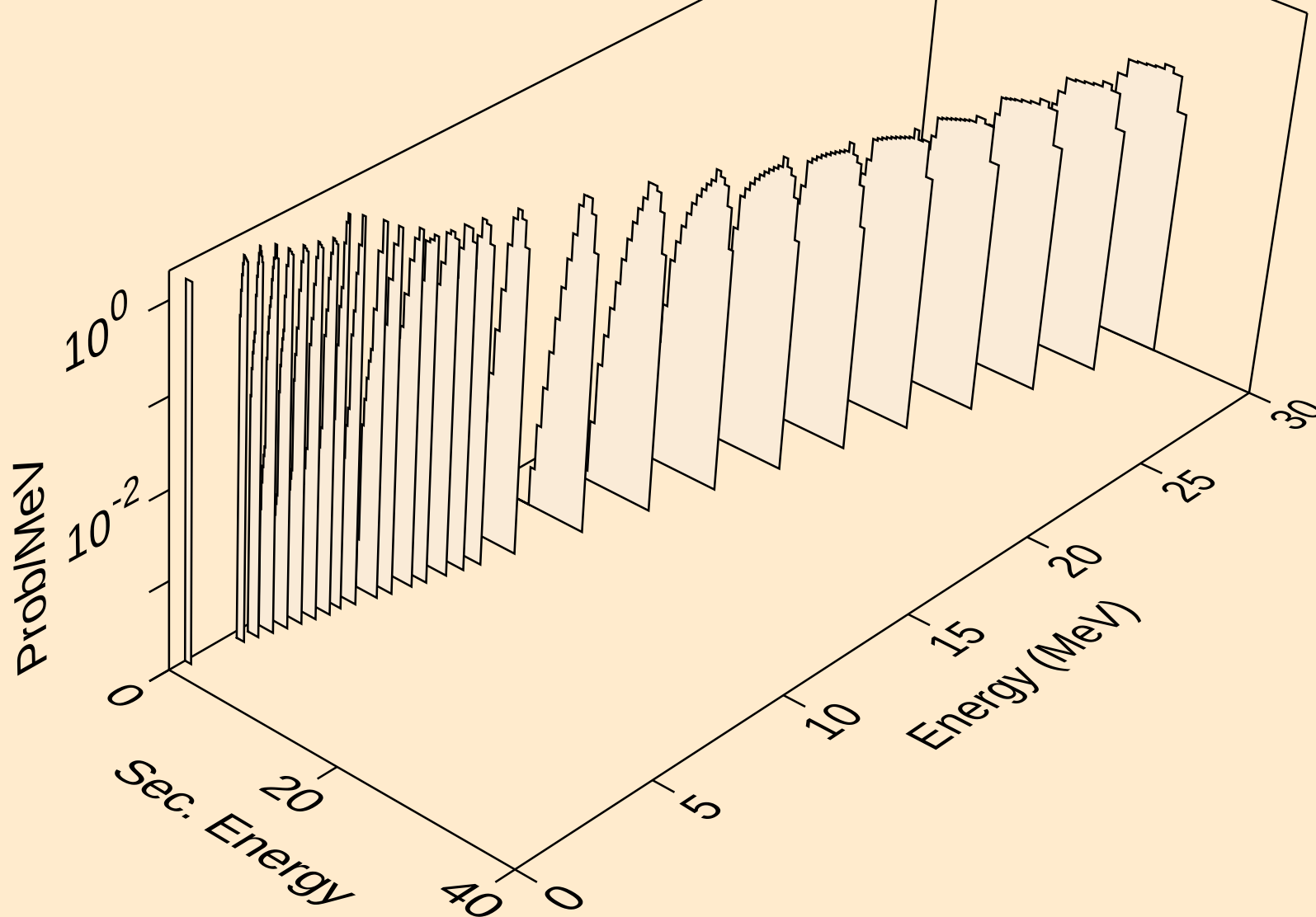
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deuterons from (n,2nd)



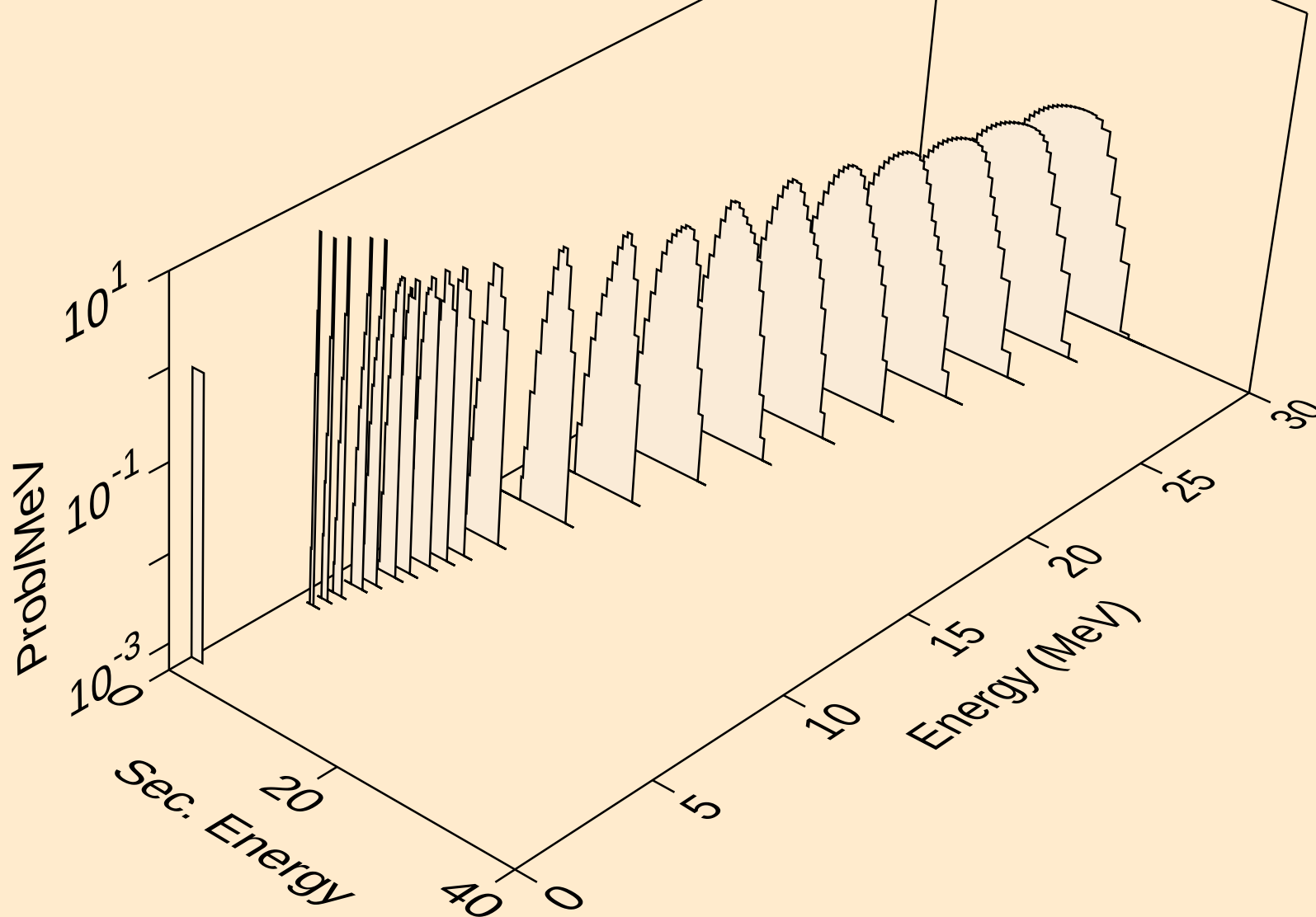
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



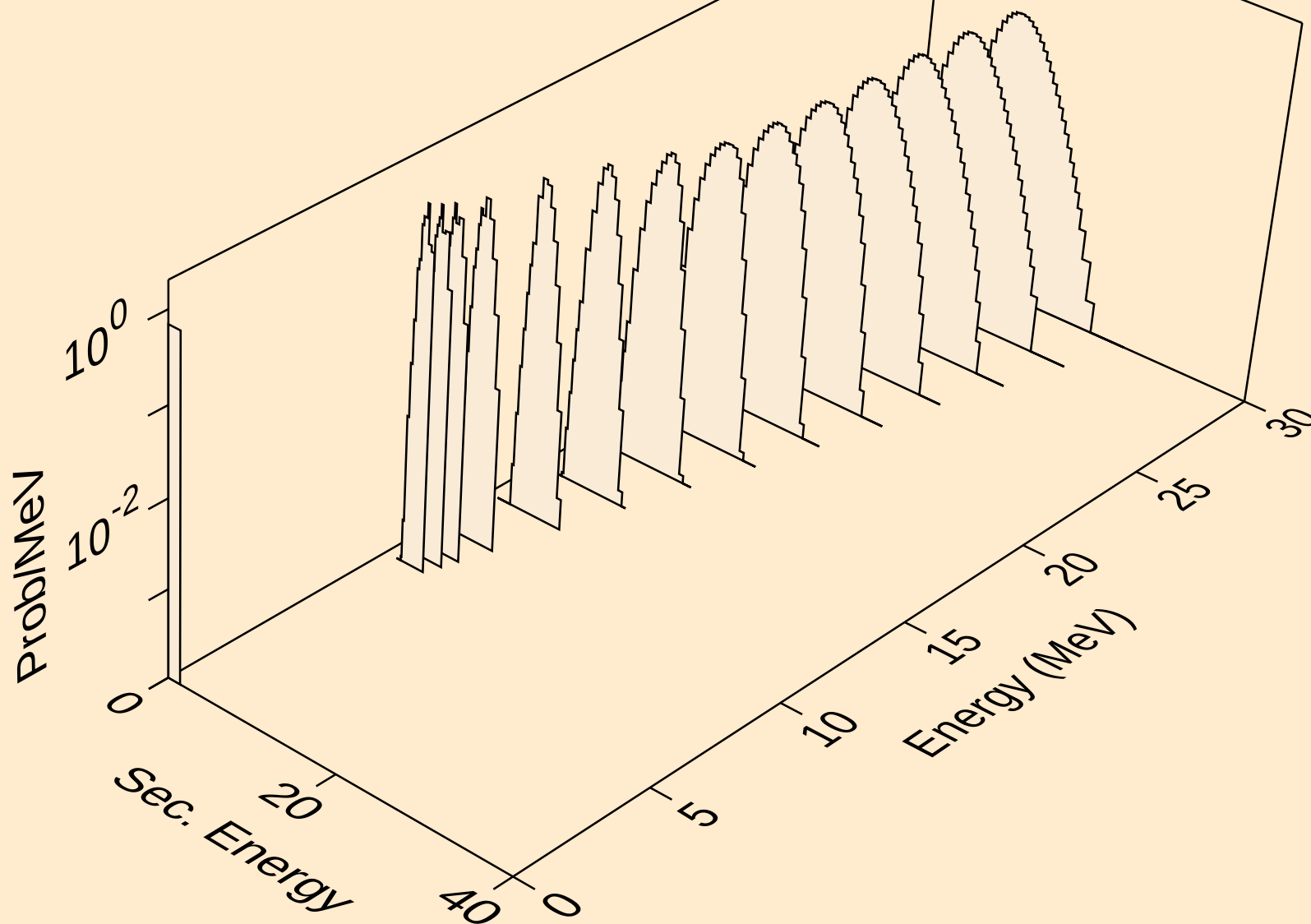
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deuterons from (n,d)



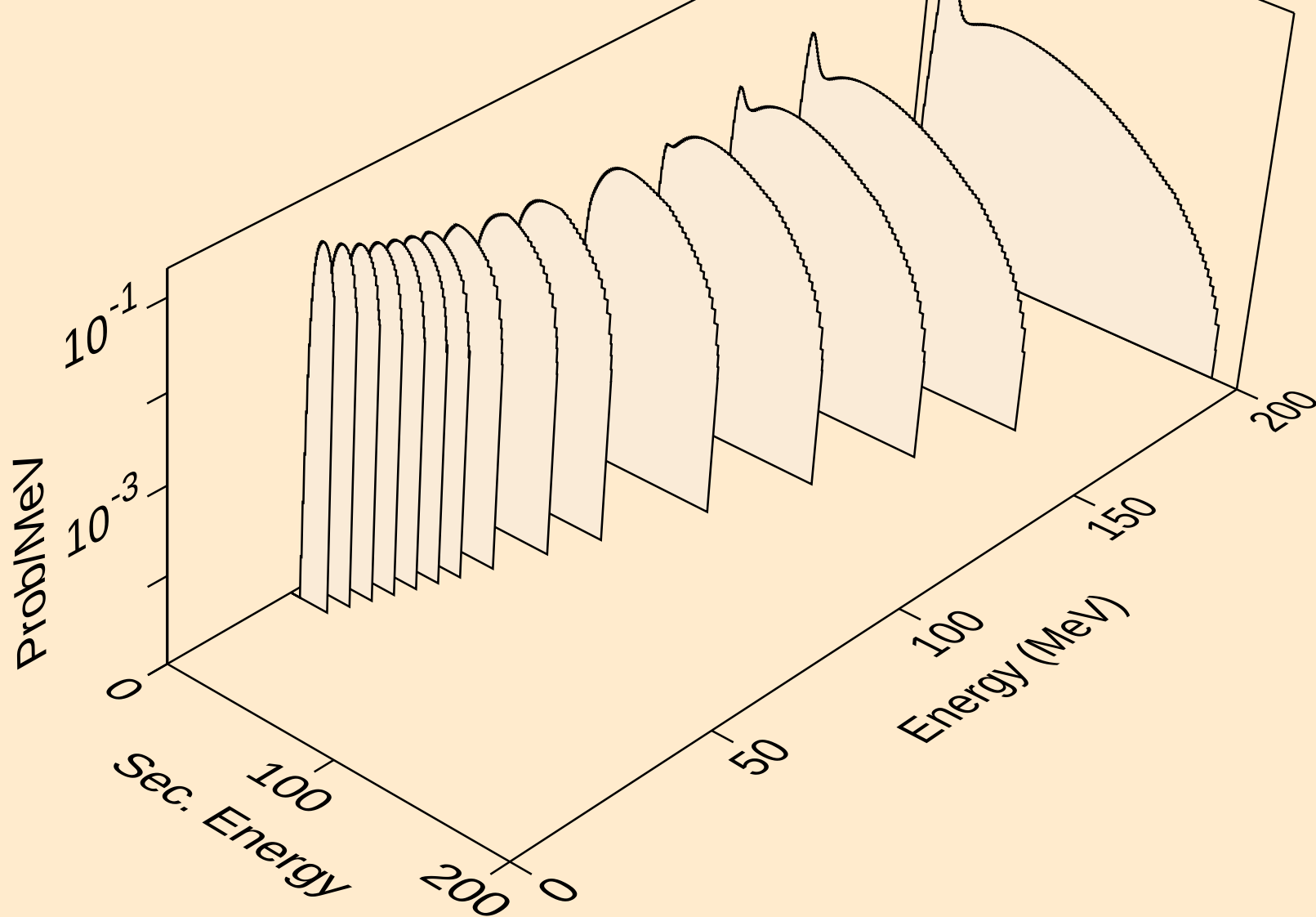
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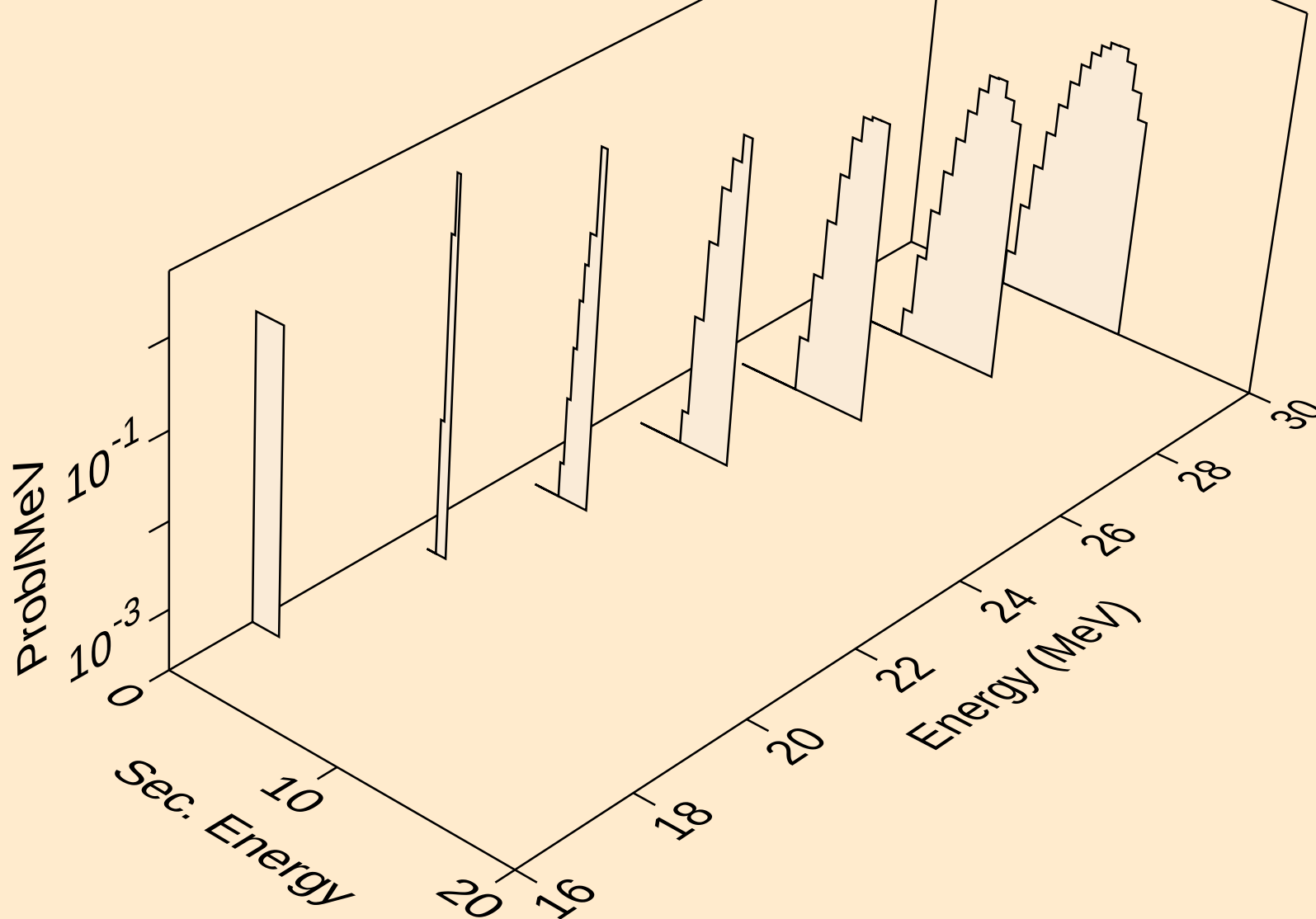
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deuterons from (n,da)



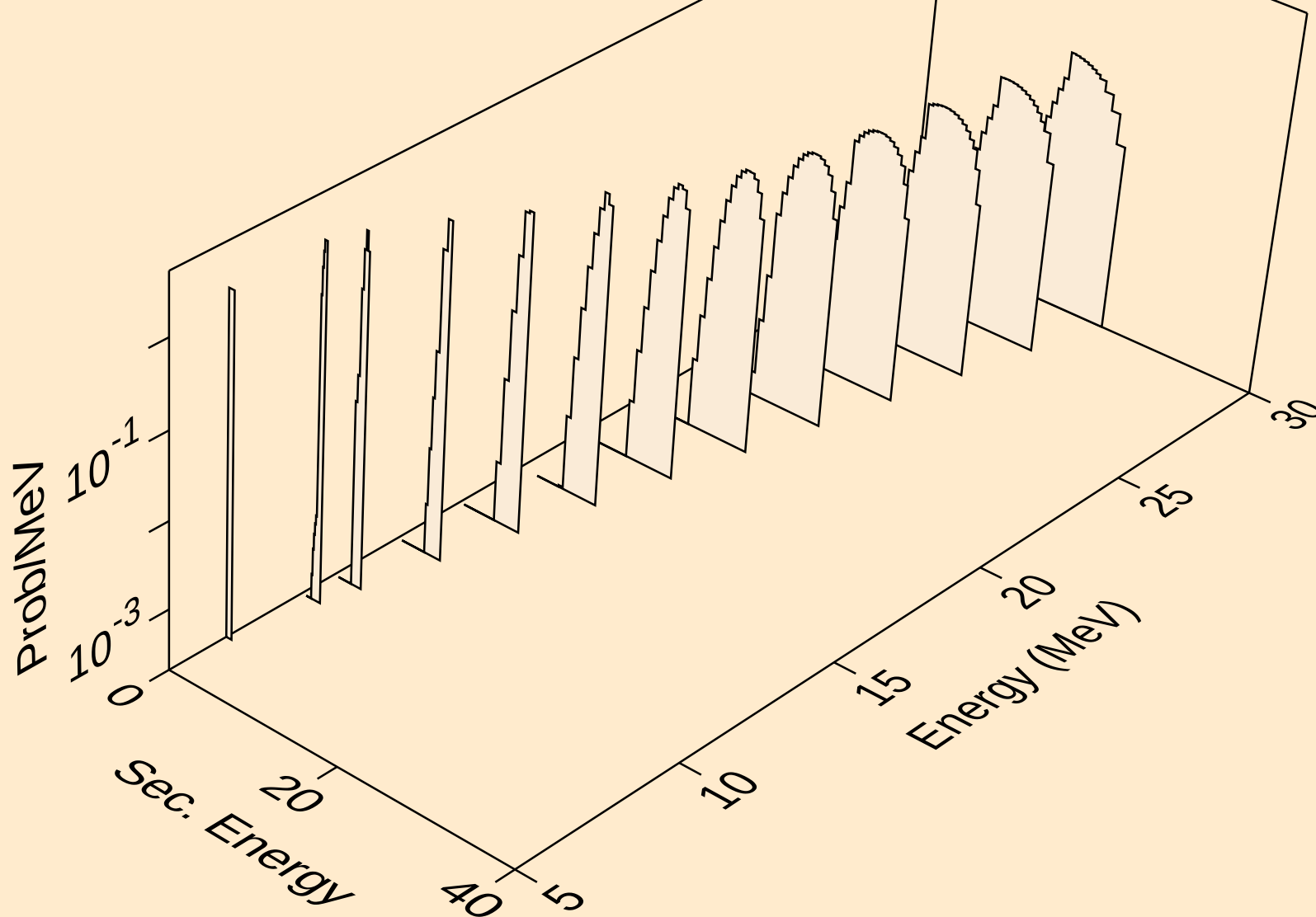
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



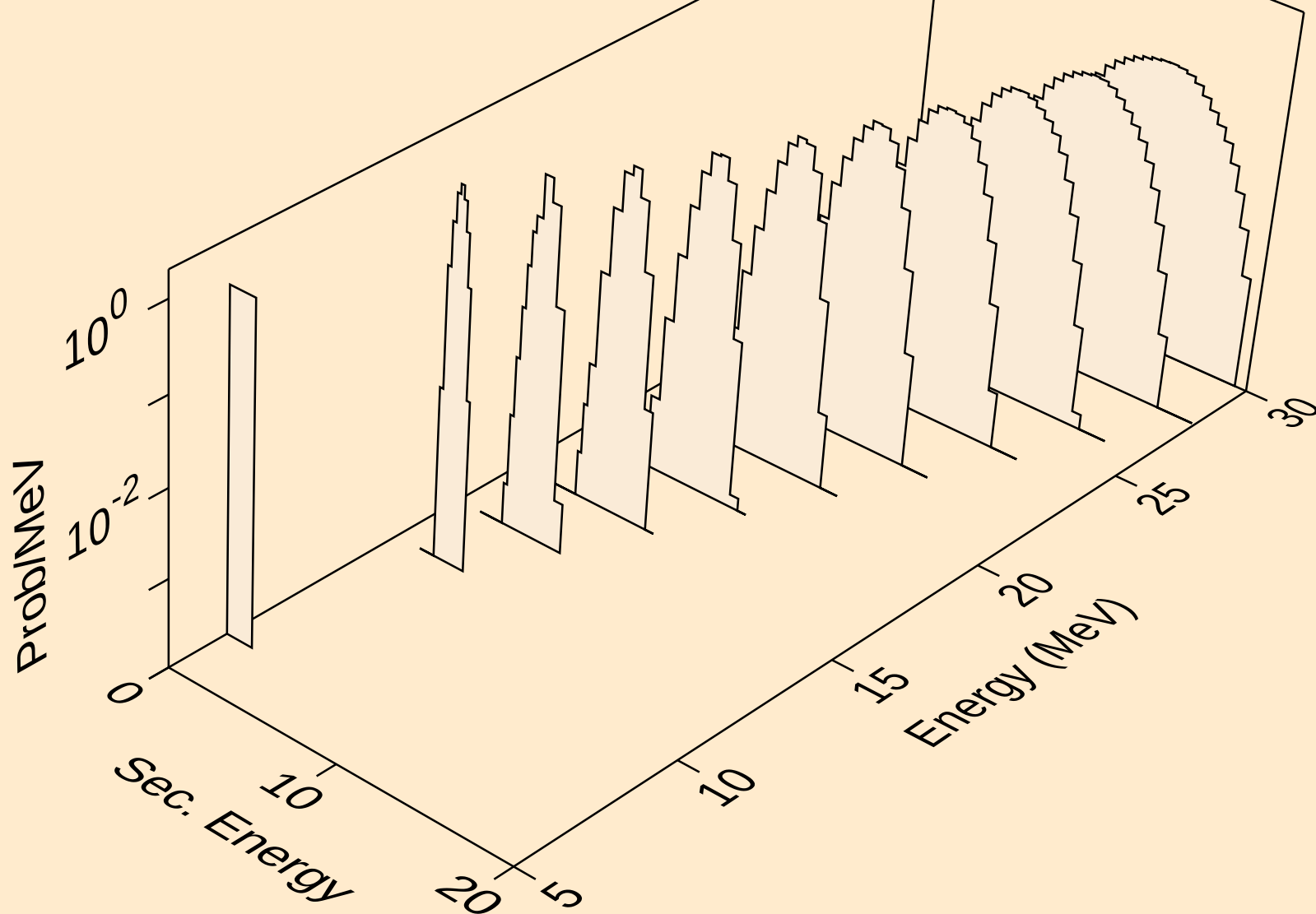
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



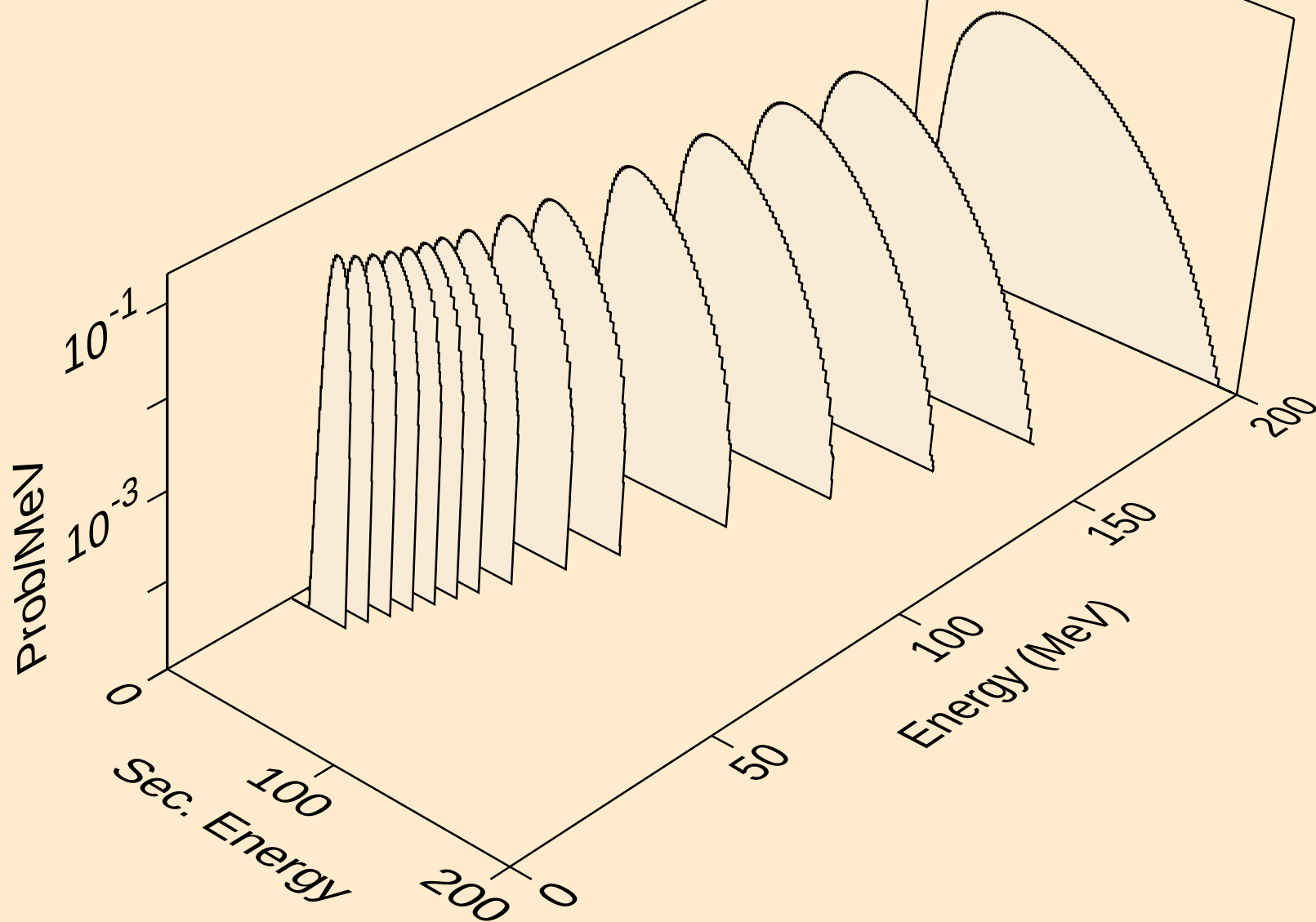
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tritons from (n,t)



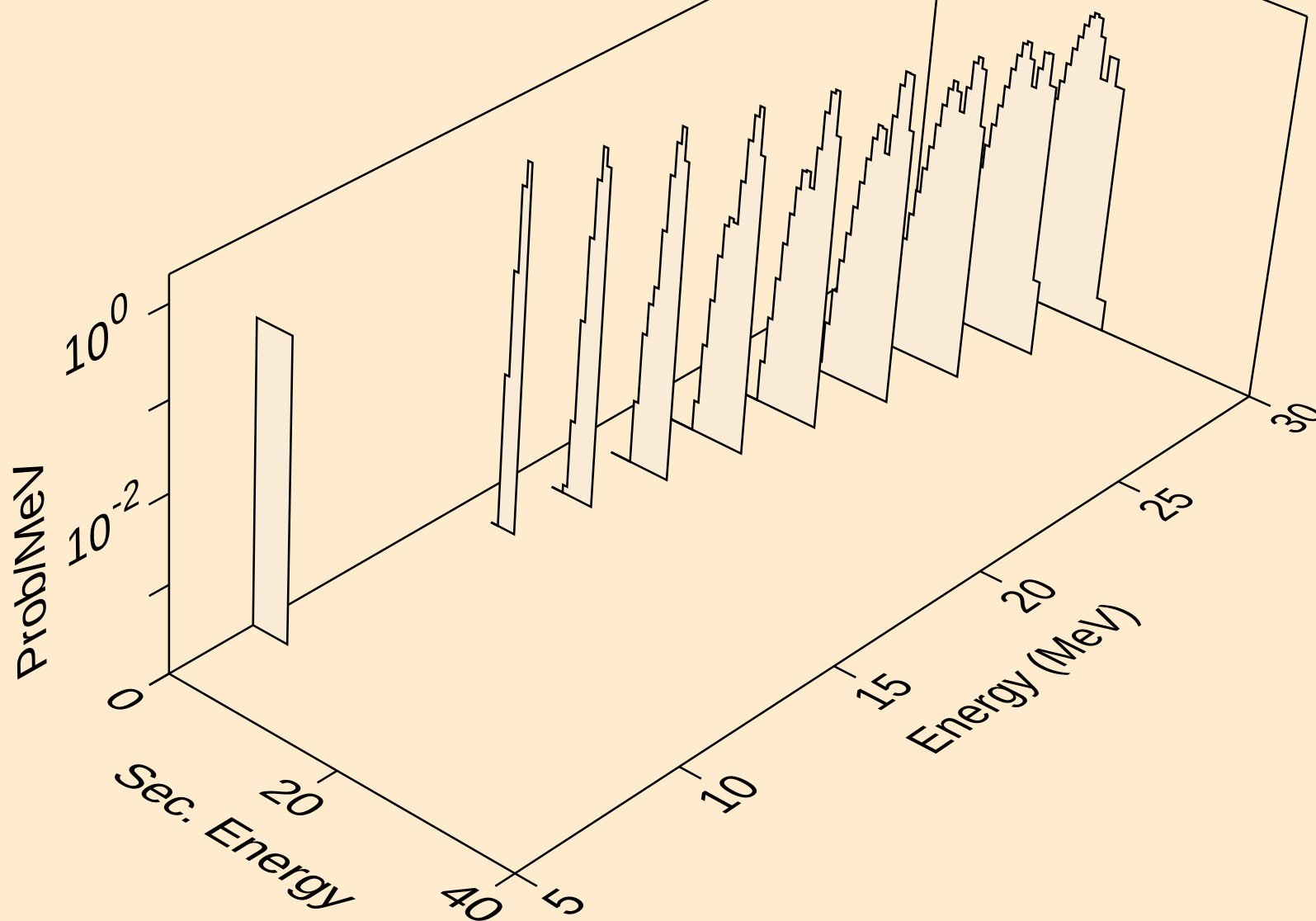
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tritons from (n,pt)



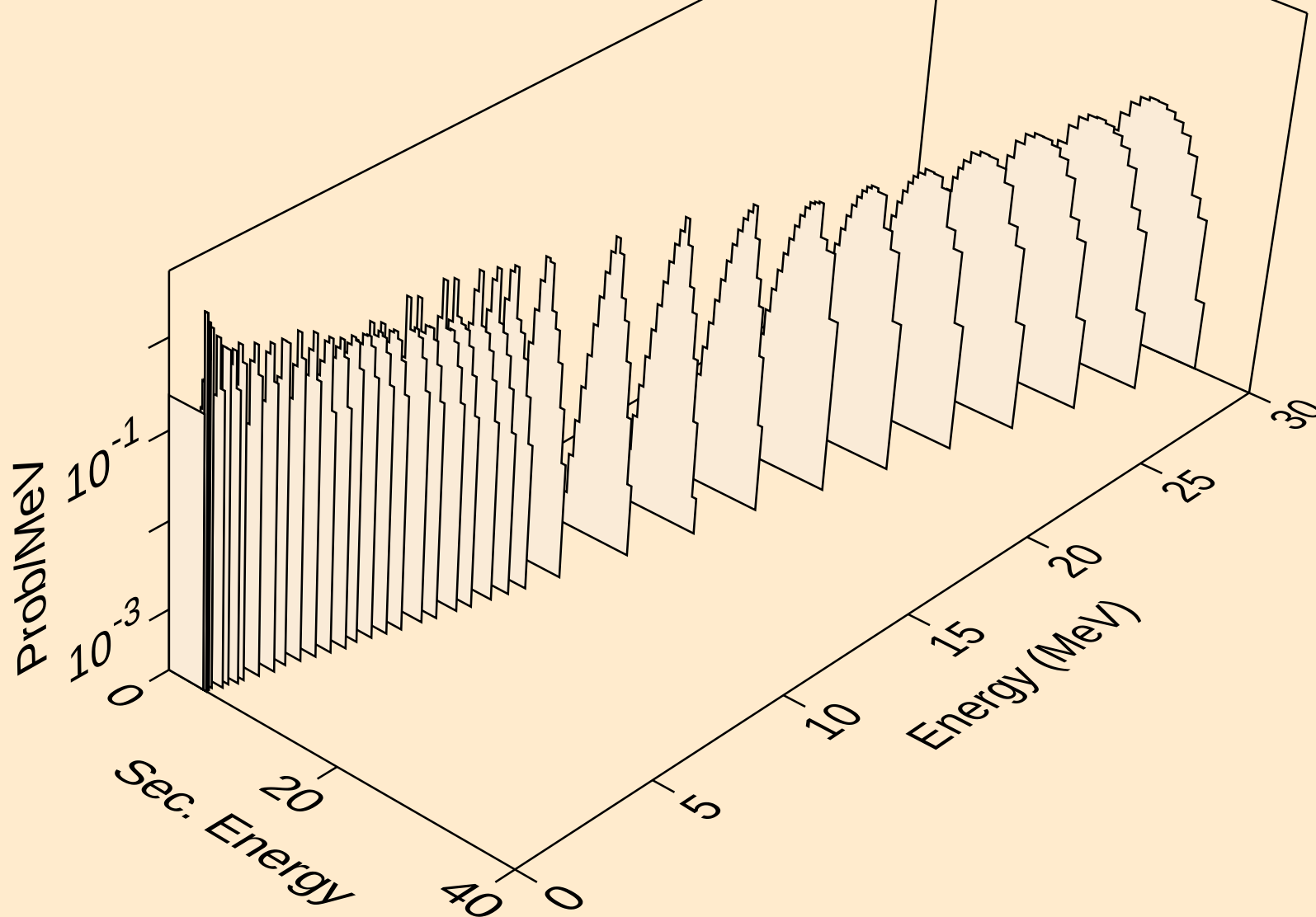
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he3s from (n,x)



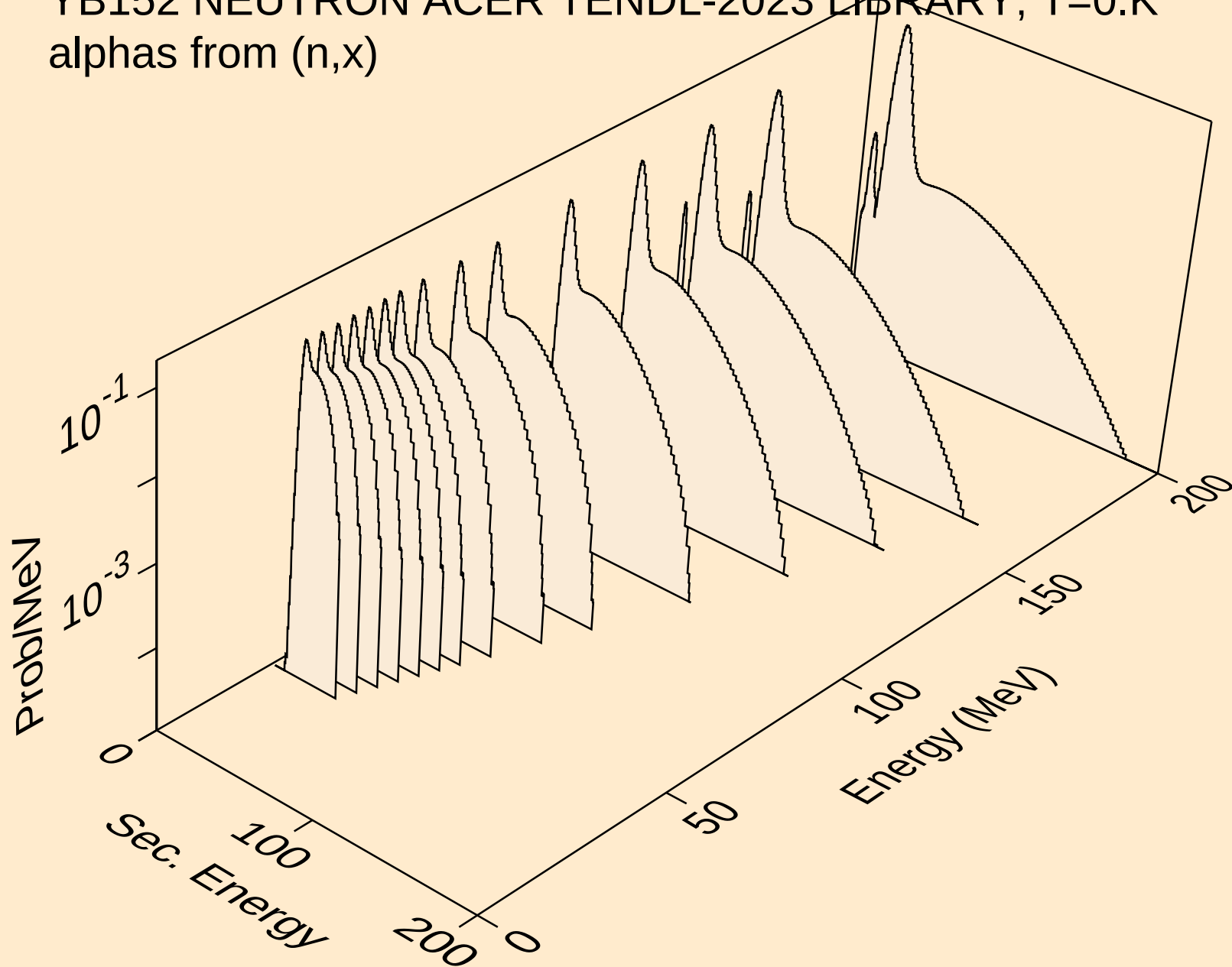
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he3s from (n,n*)he3



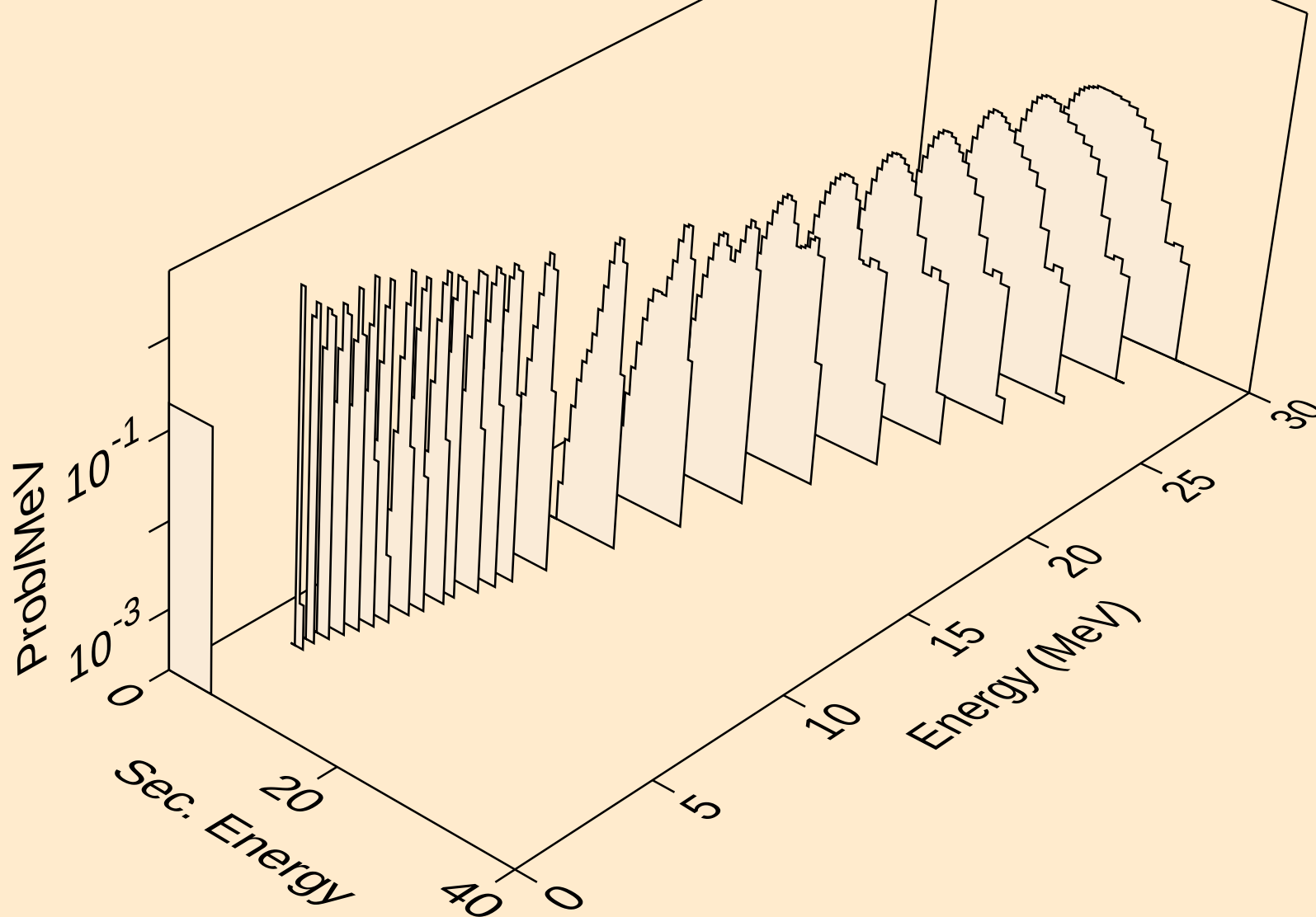
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he3s from (n,he3)



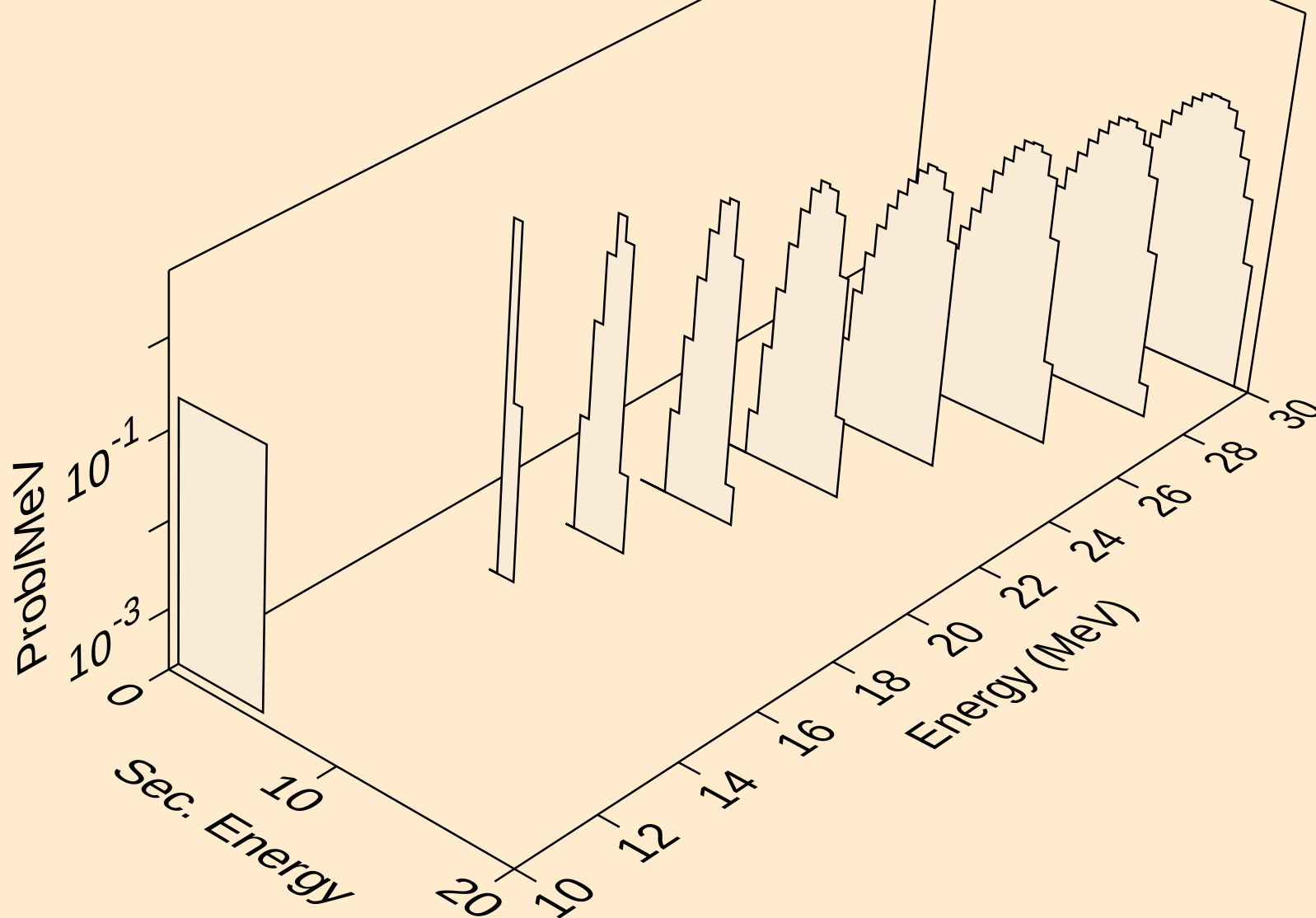
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



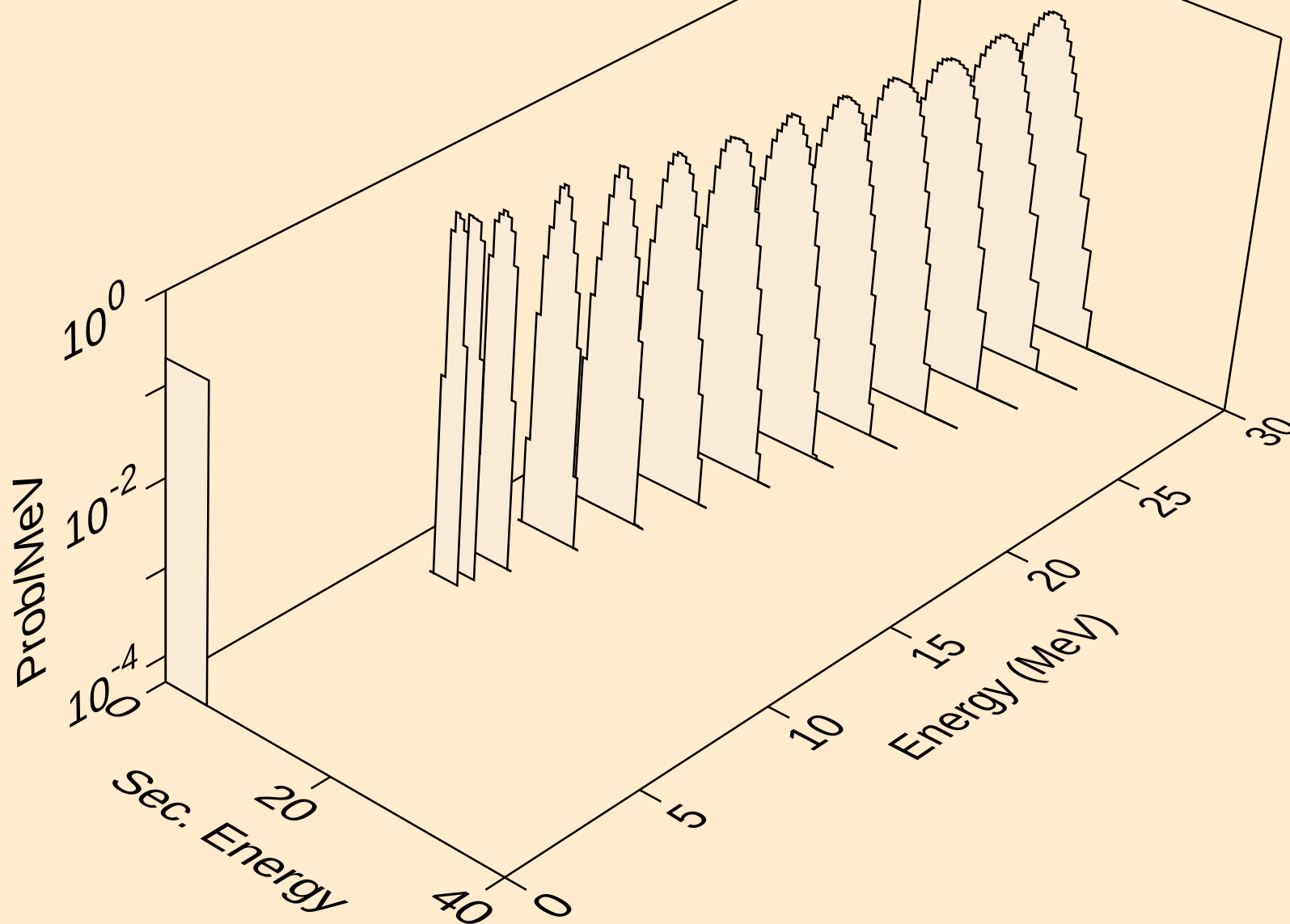
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alphas from (n,n*)a



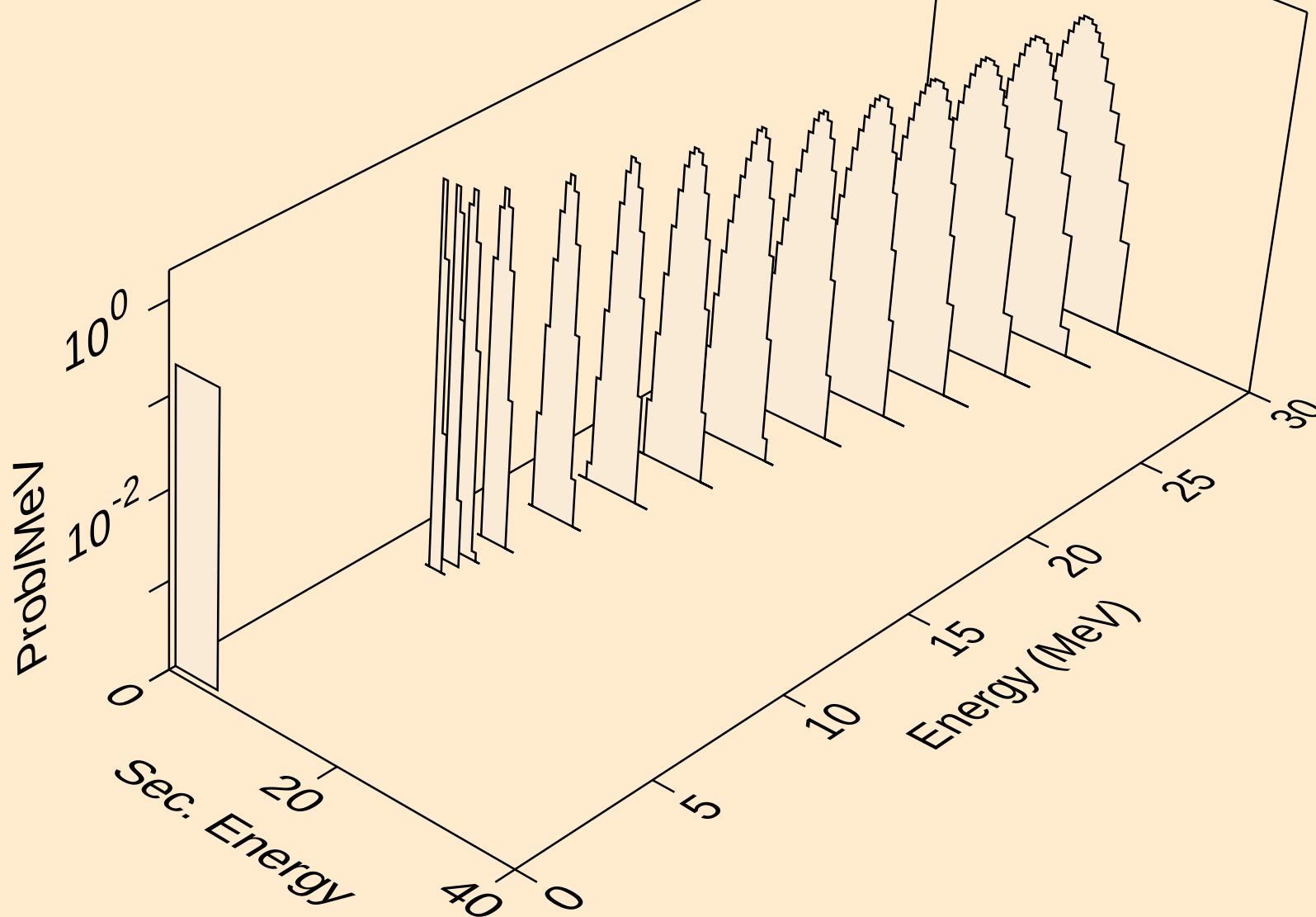
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alphas from (n,2n)a



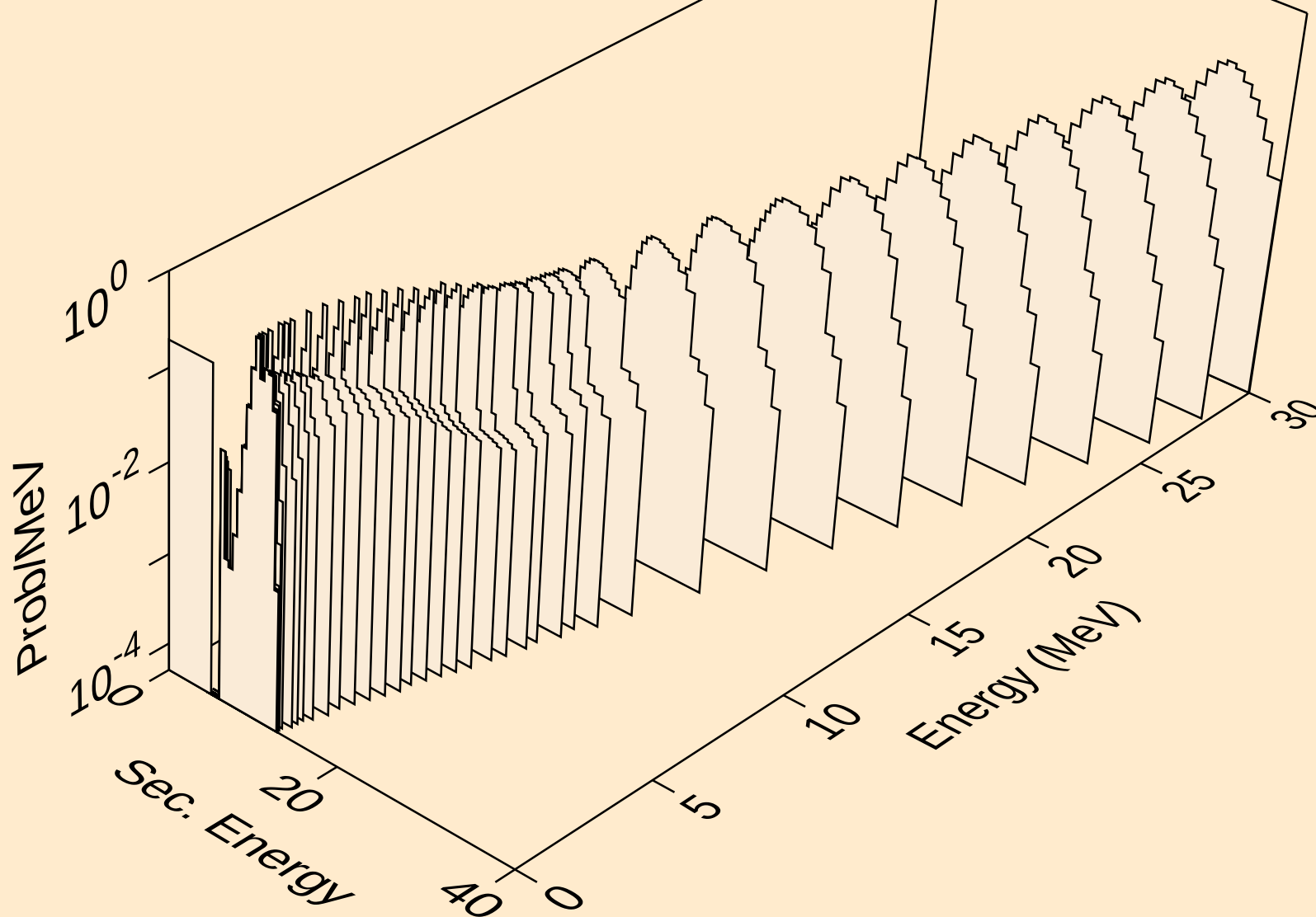
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alphas from (n,n*)2a



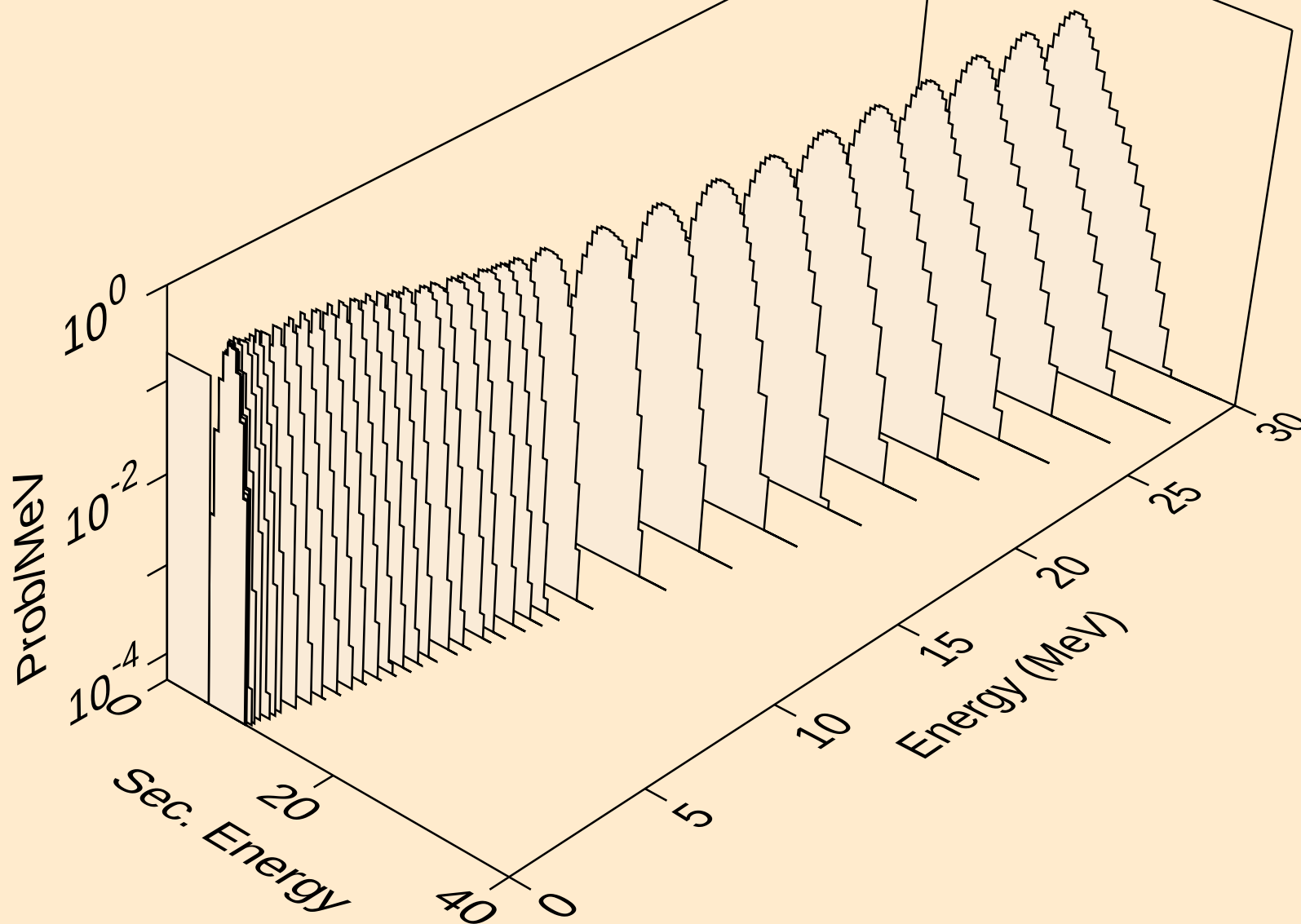
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



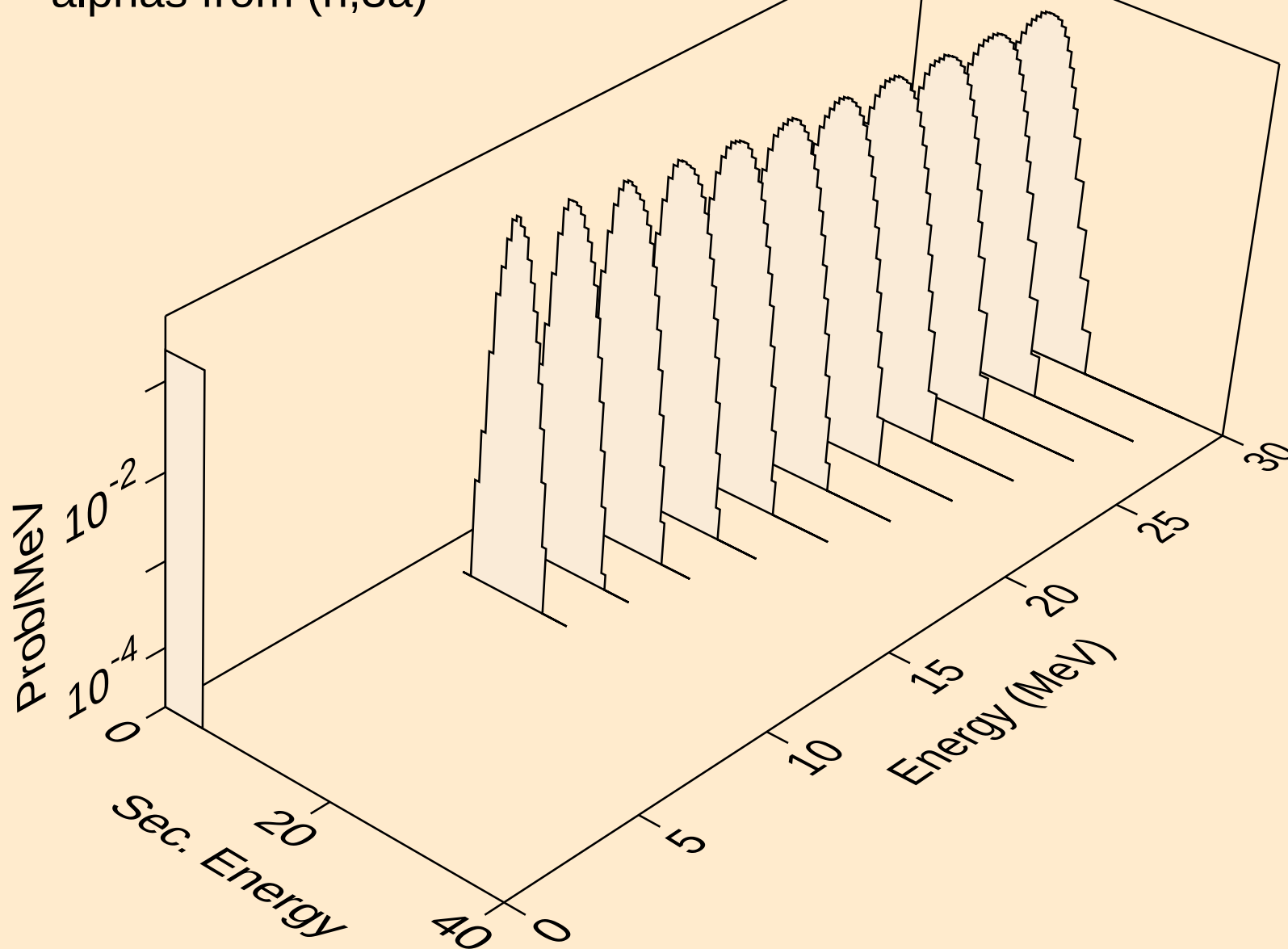
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alphas from (n,a)



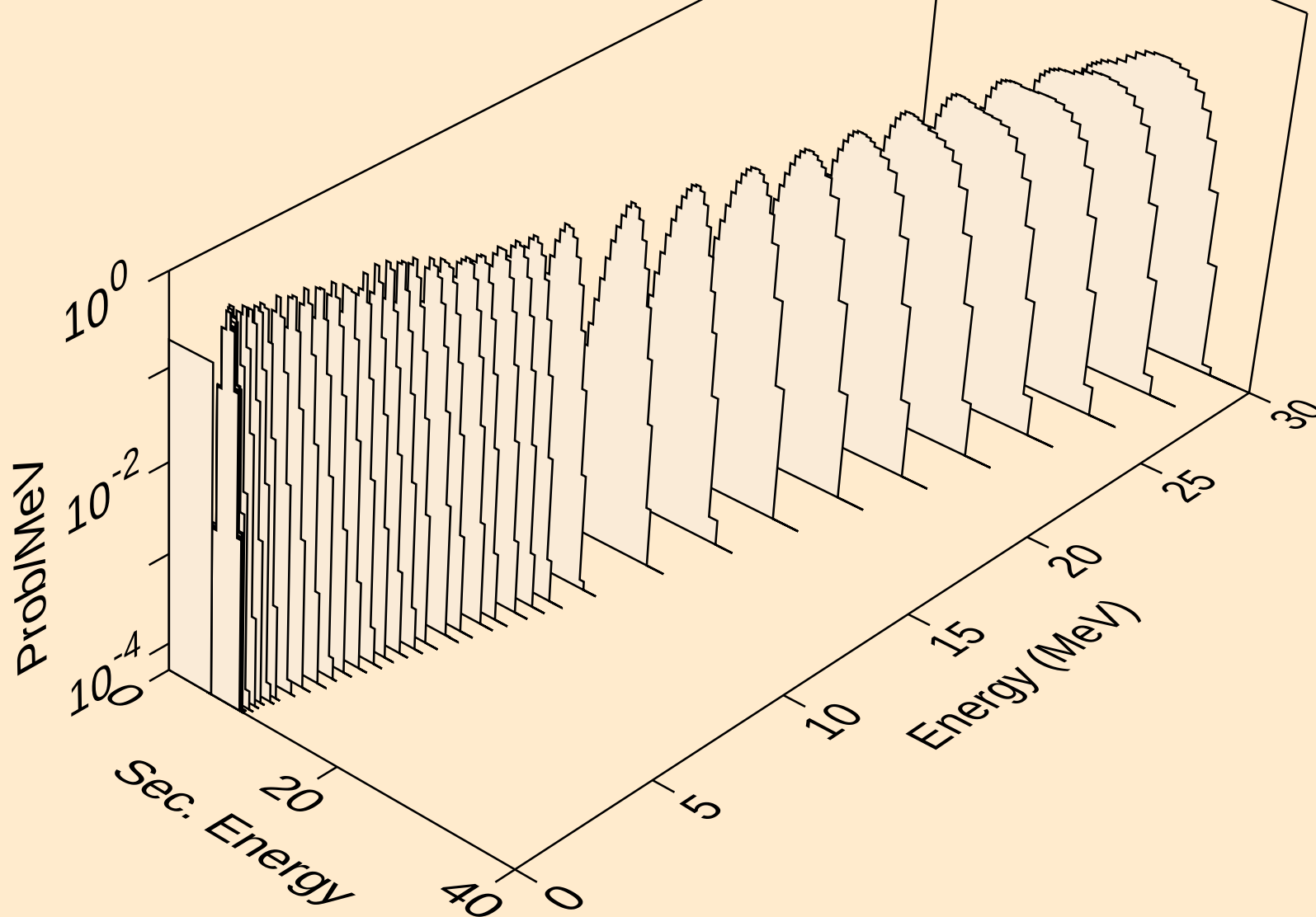
YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



YB152 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

