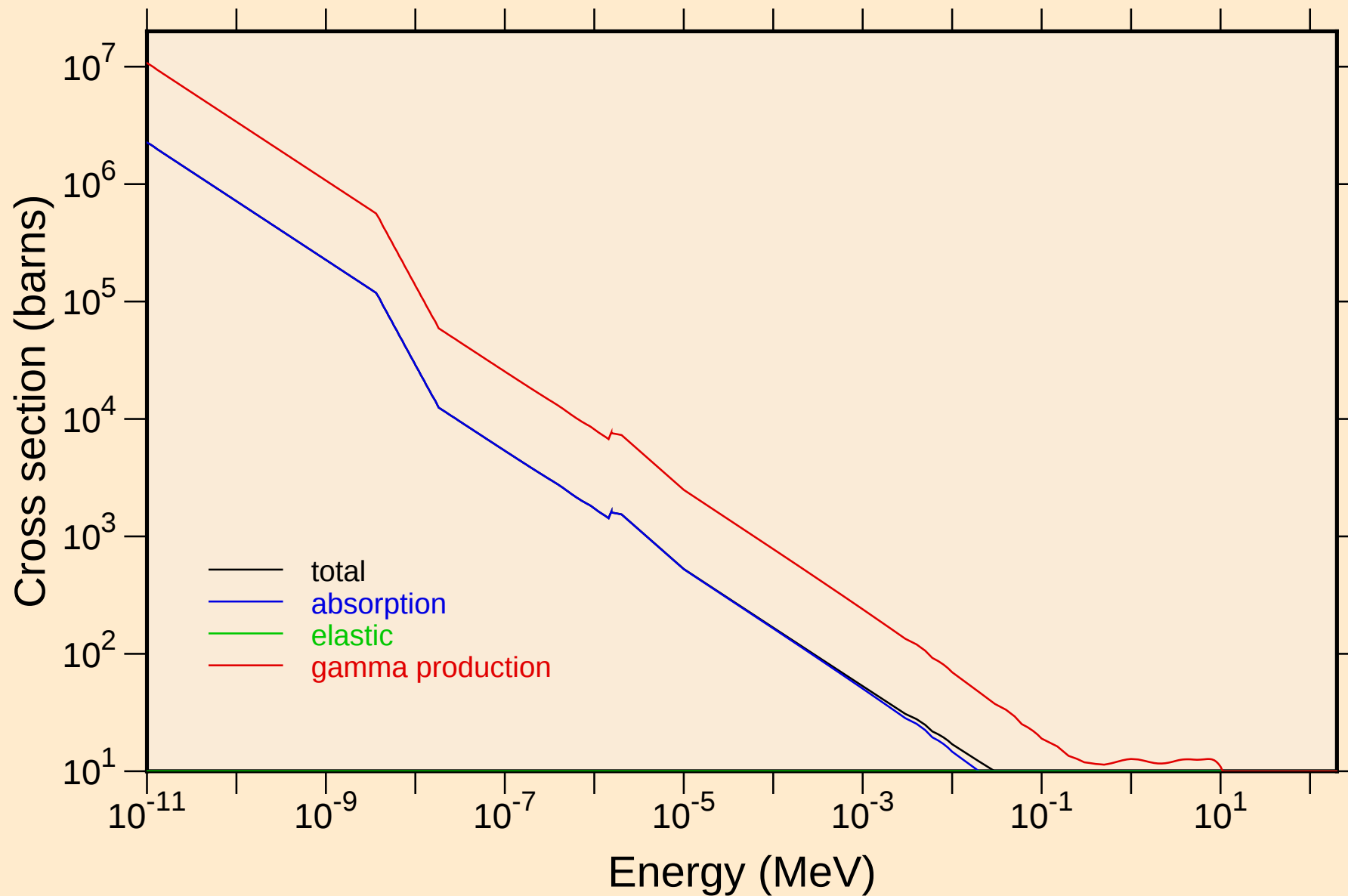


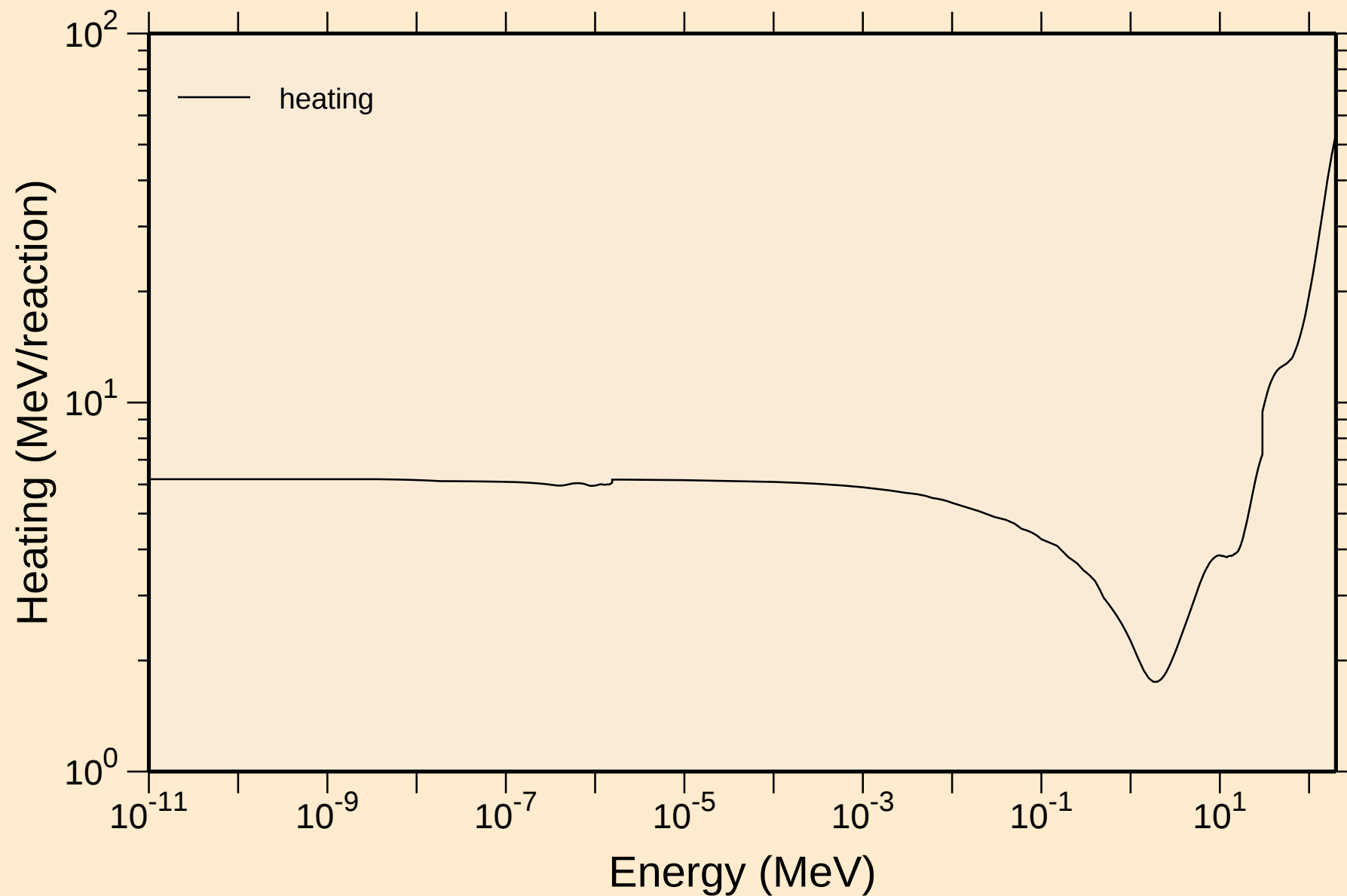
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



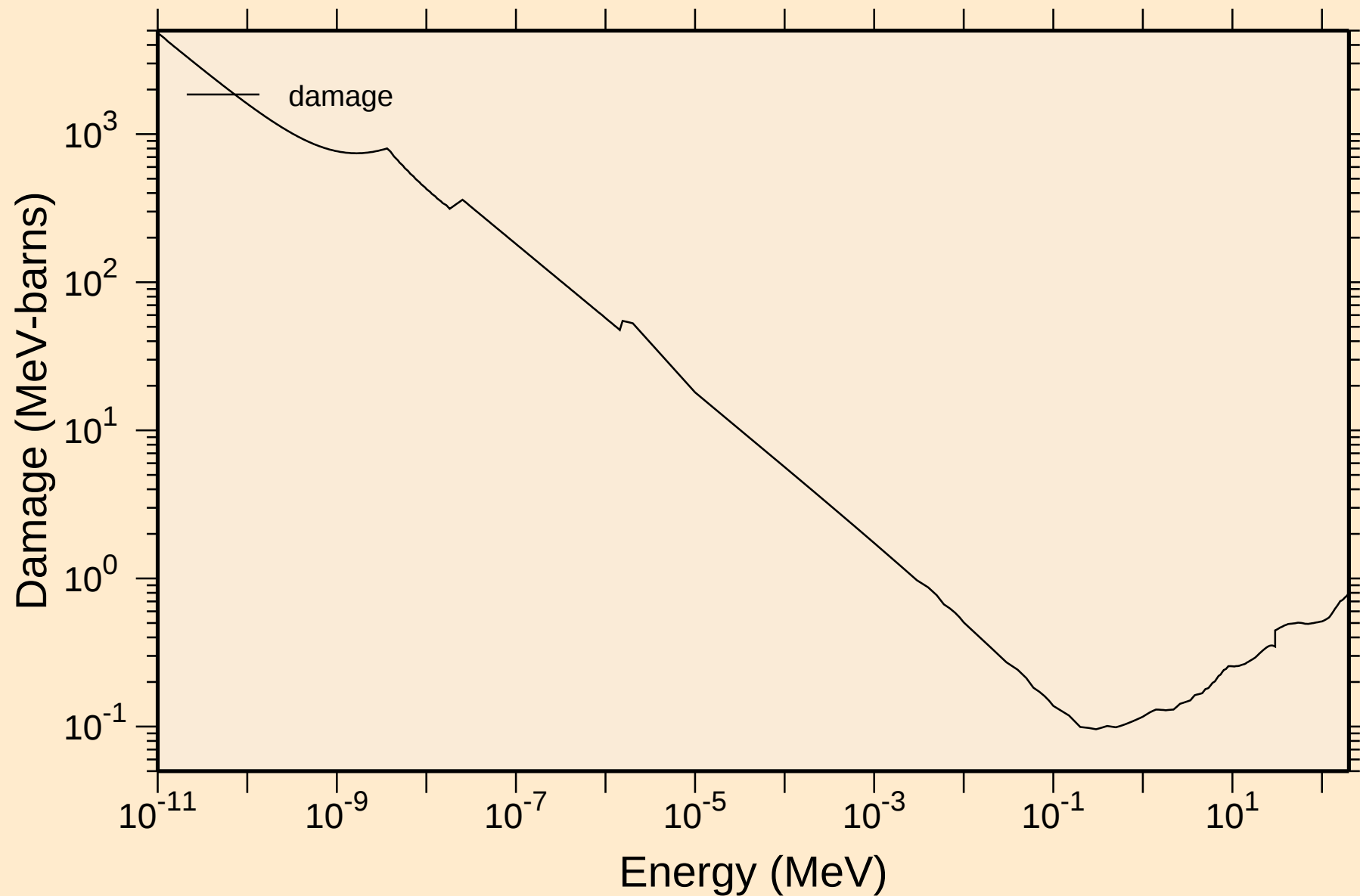
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

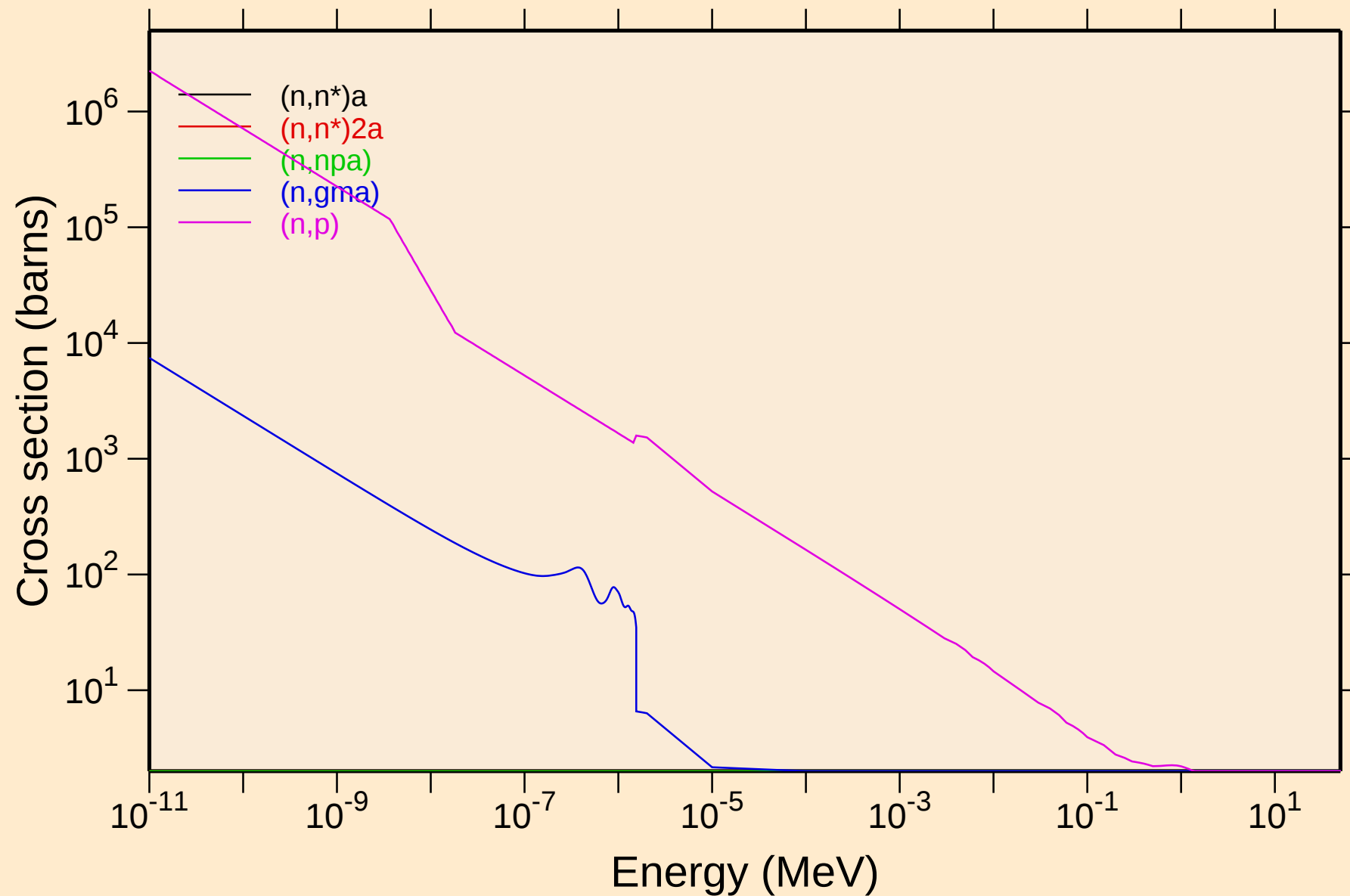


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

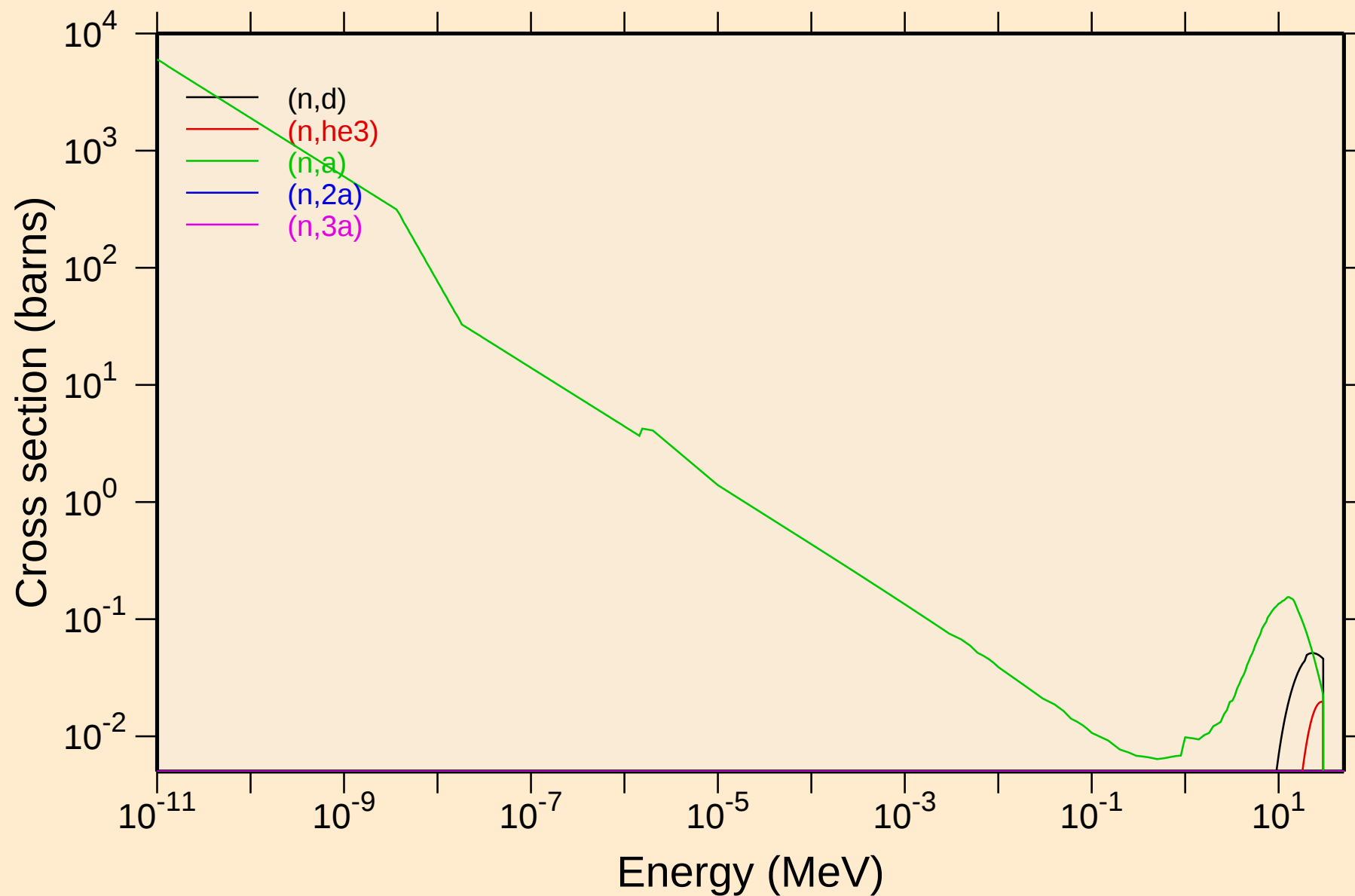


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



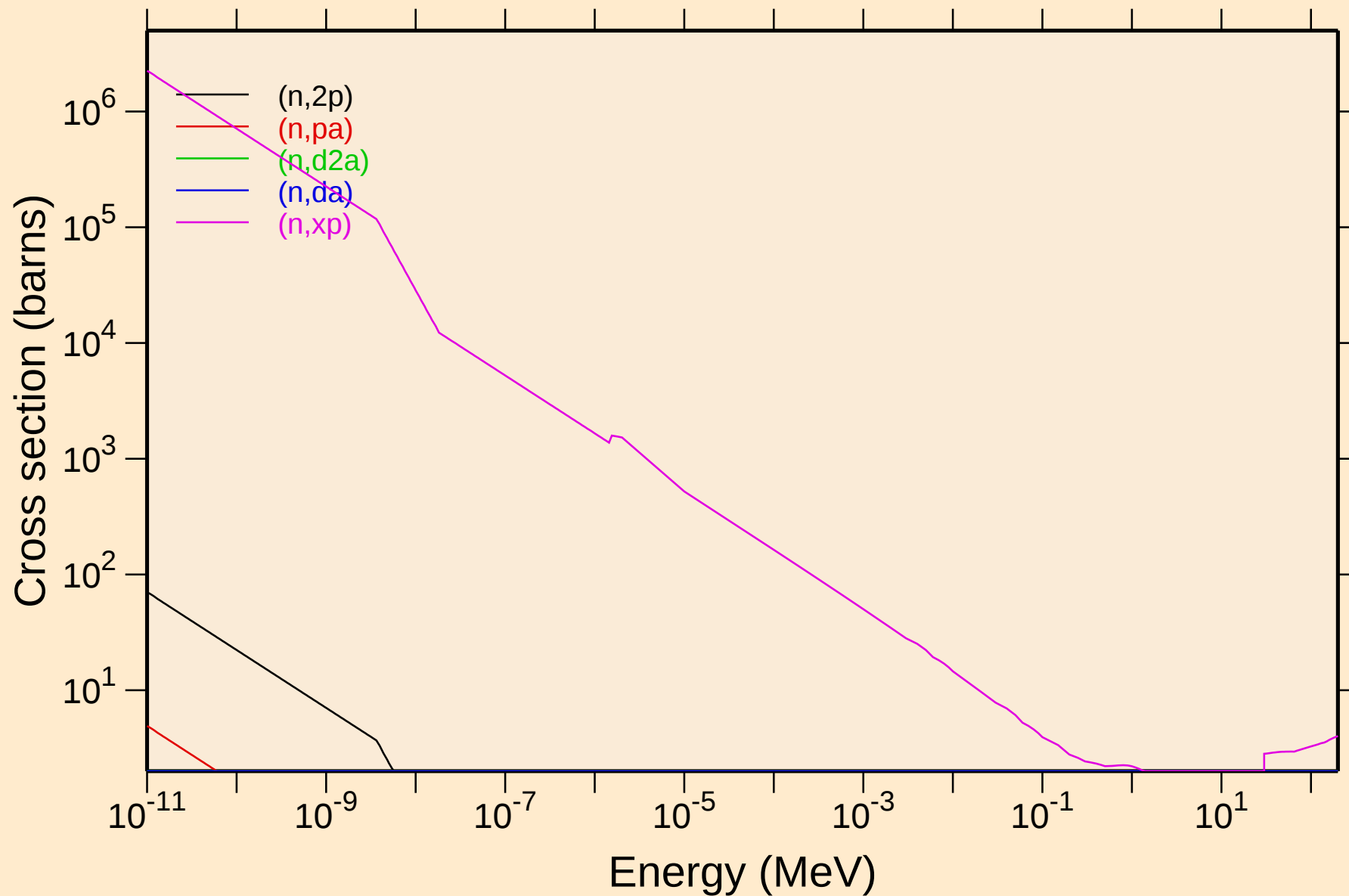
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

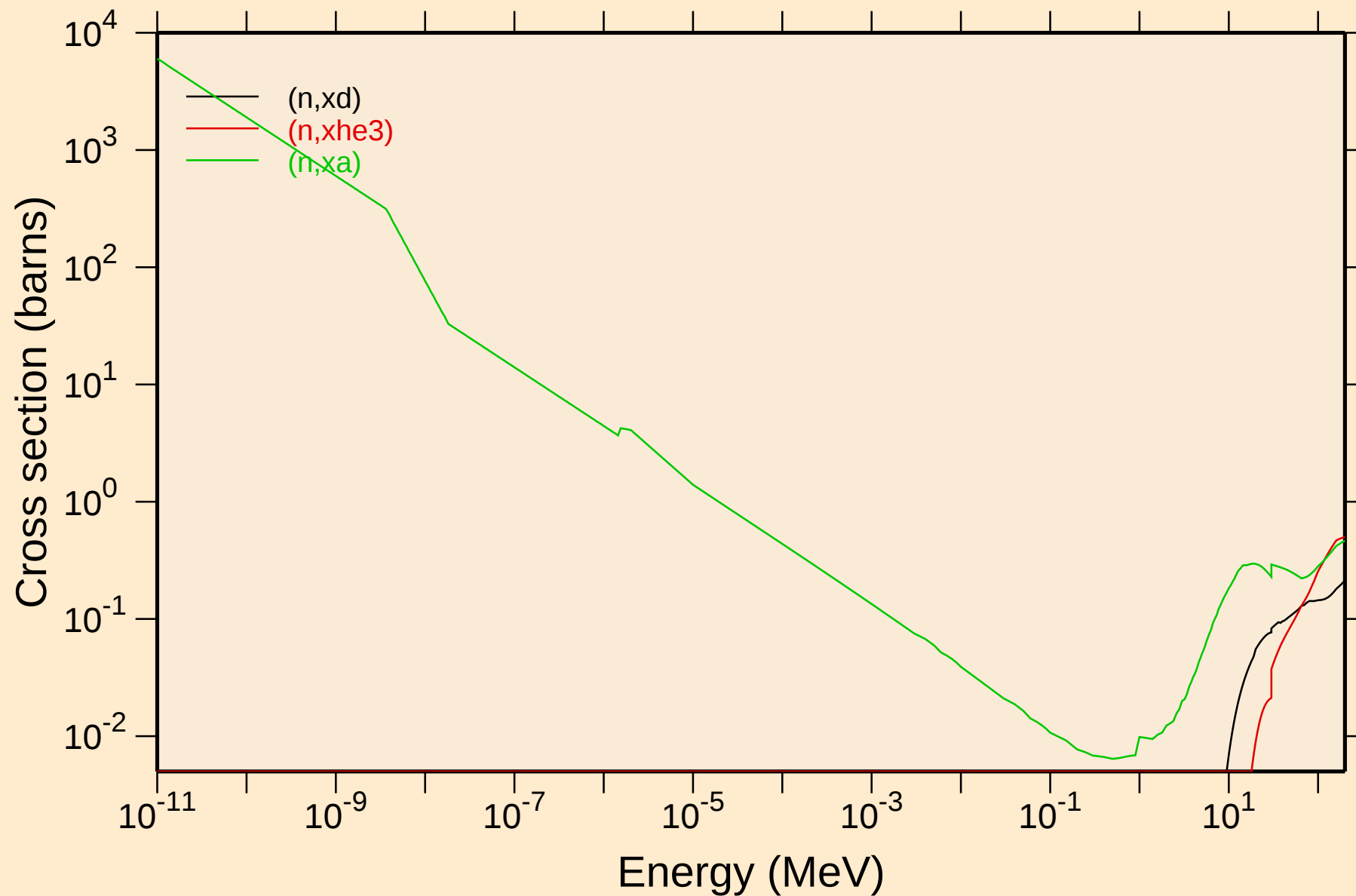


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

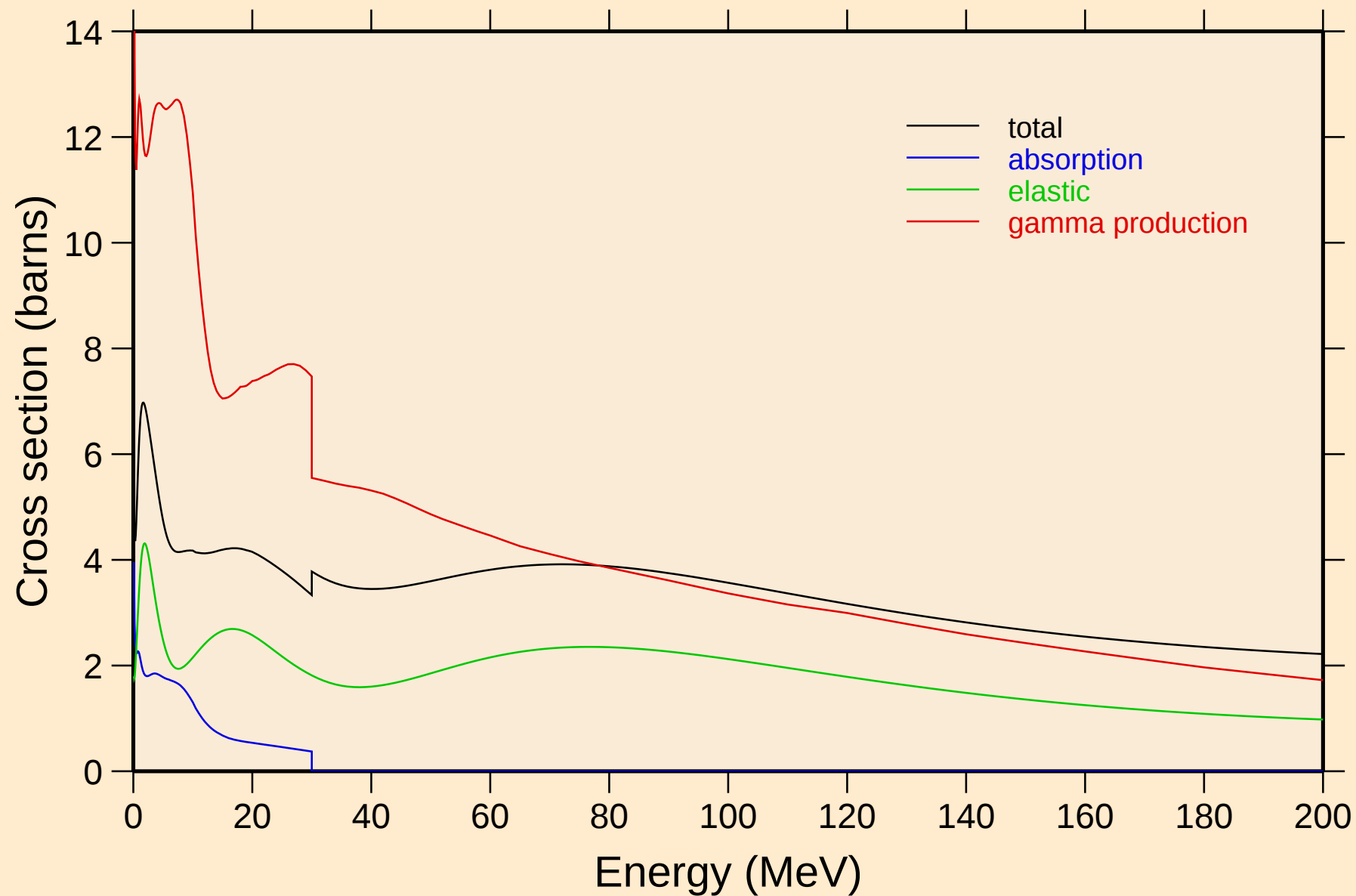


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



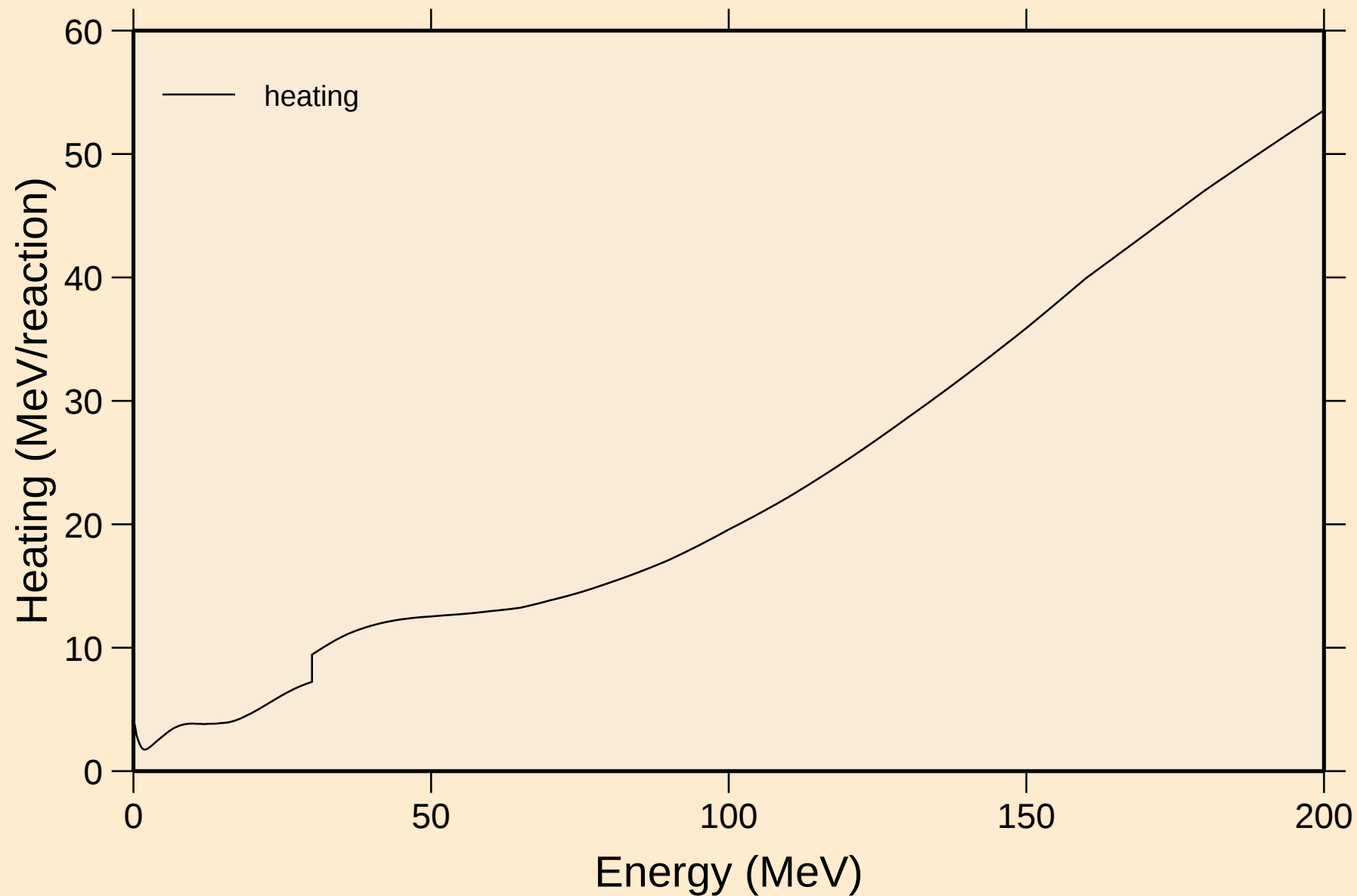
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Principal cross sections



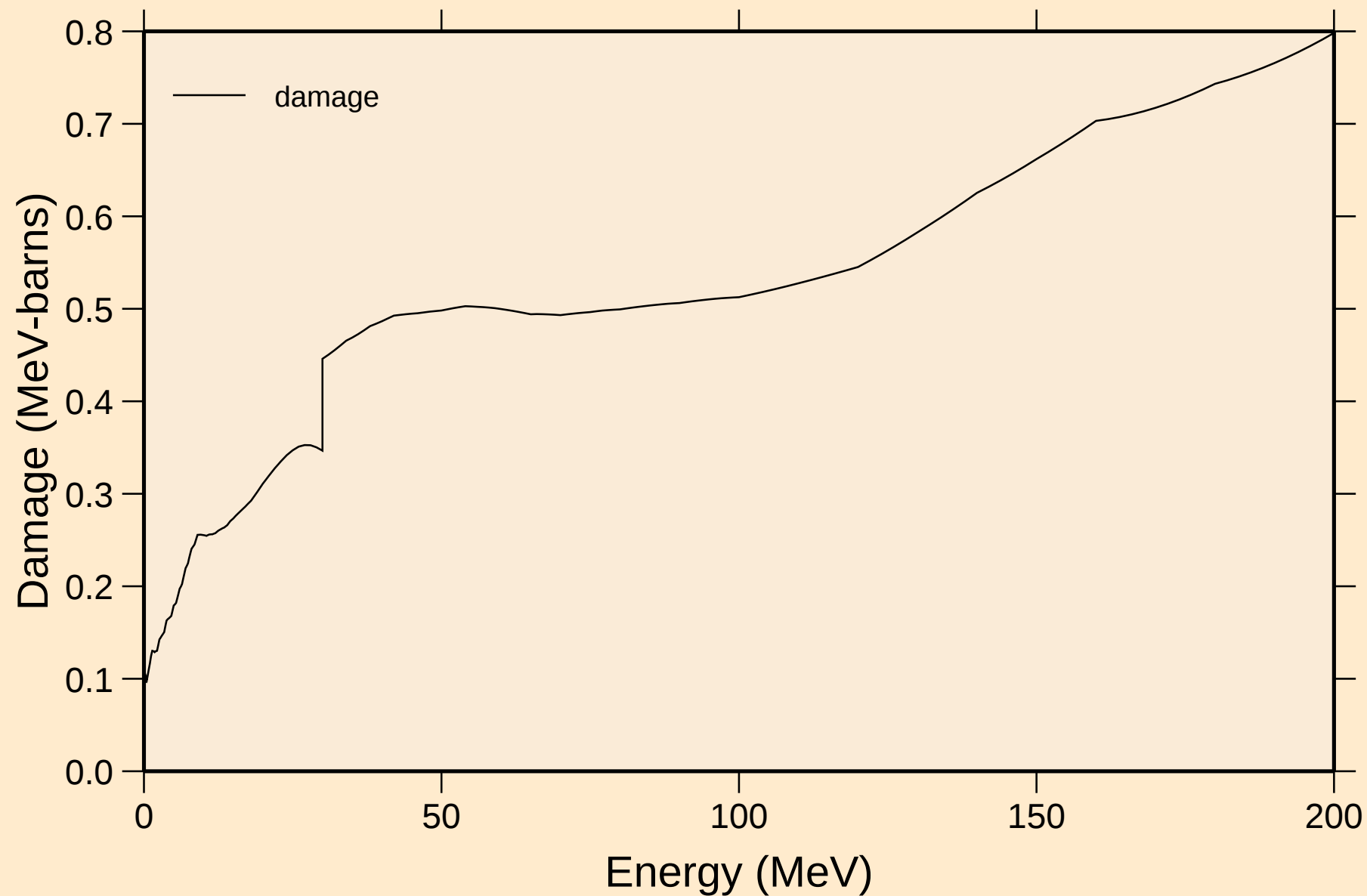
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

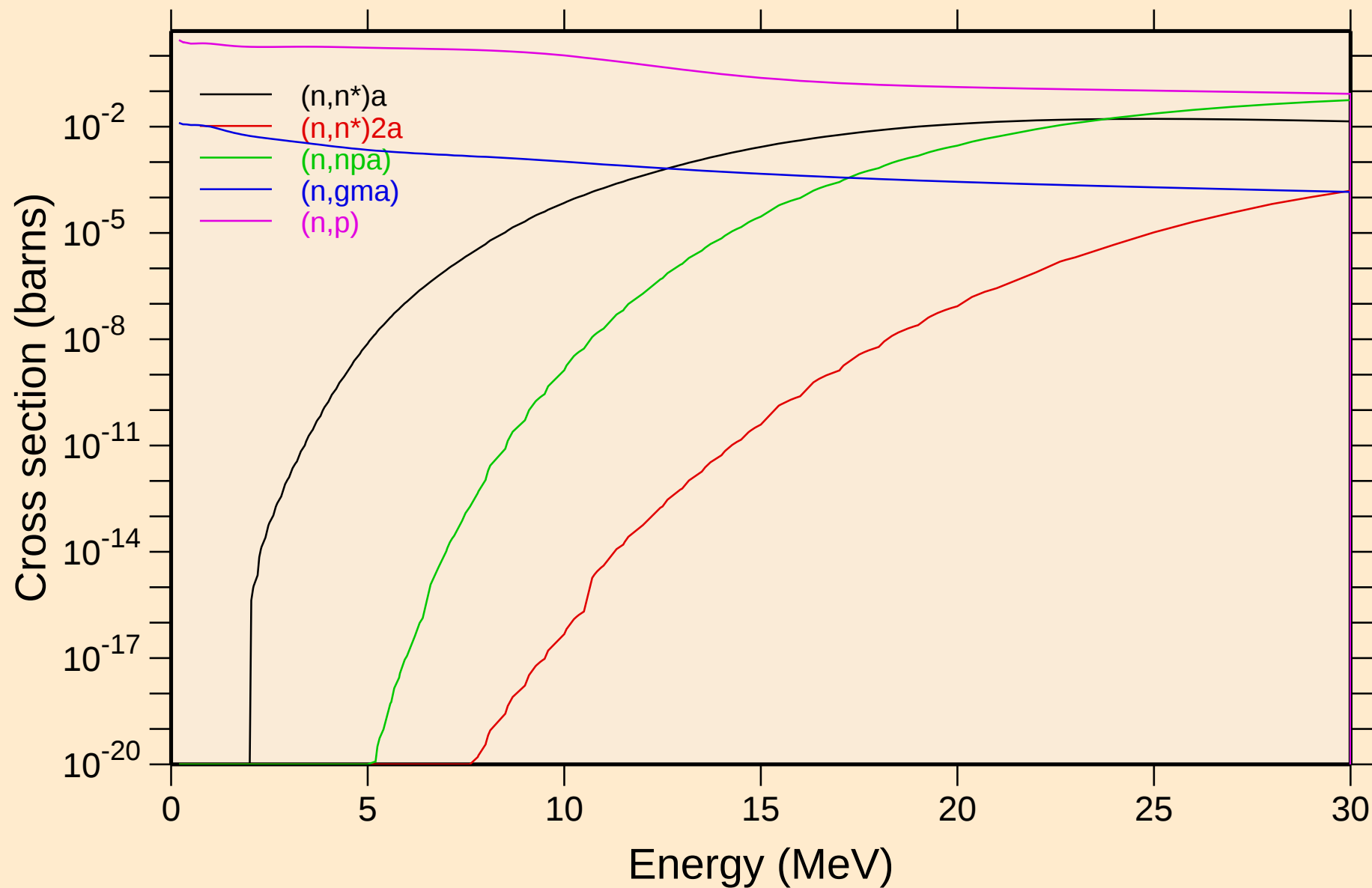


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

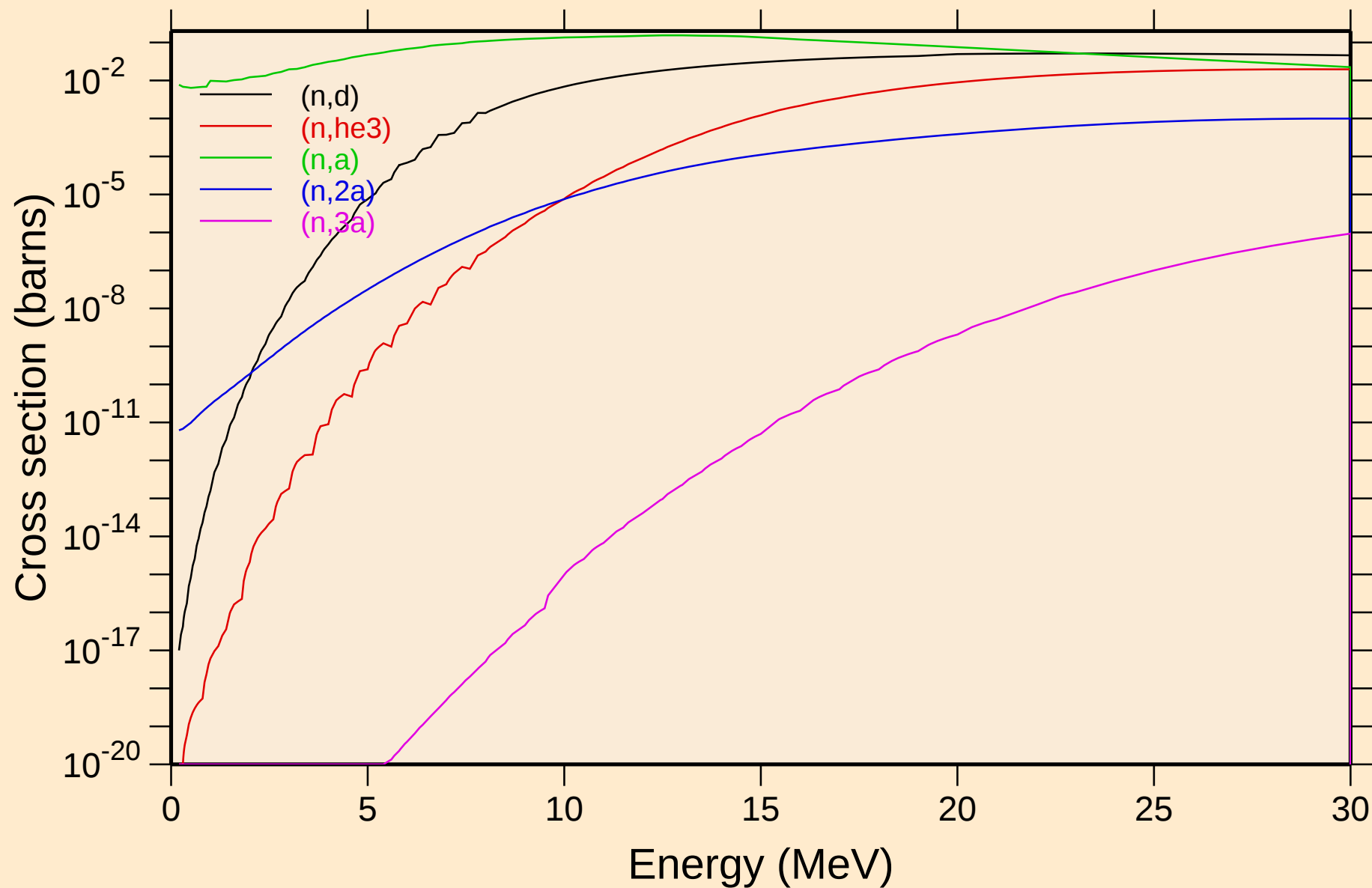
Damage



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

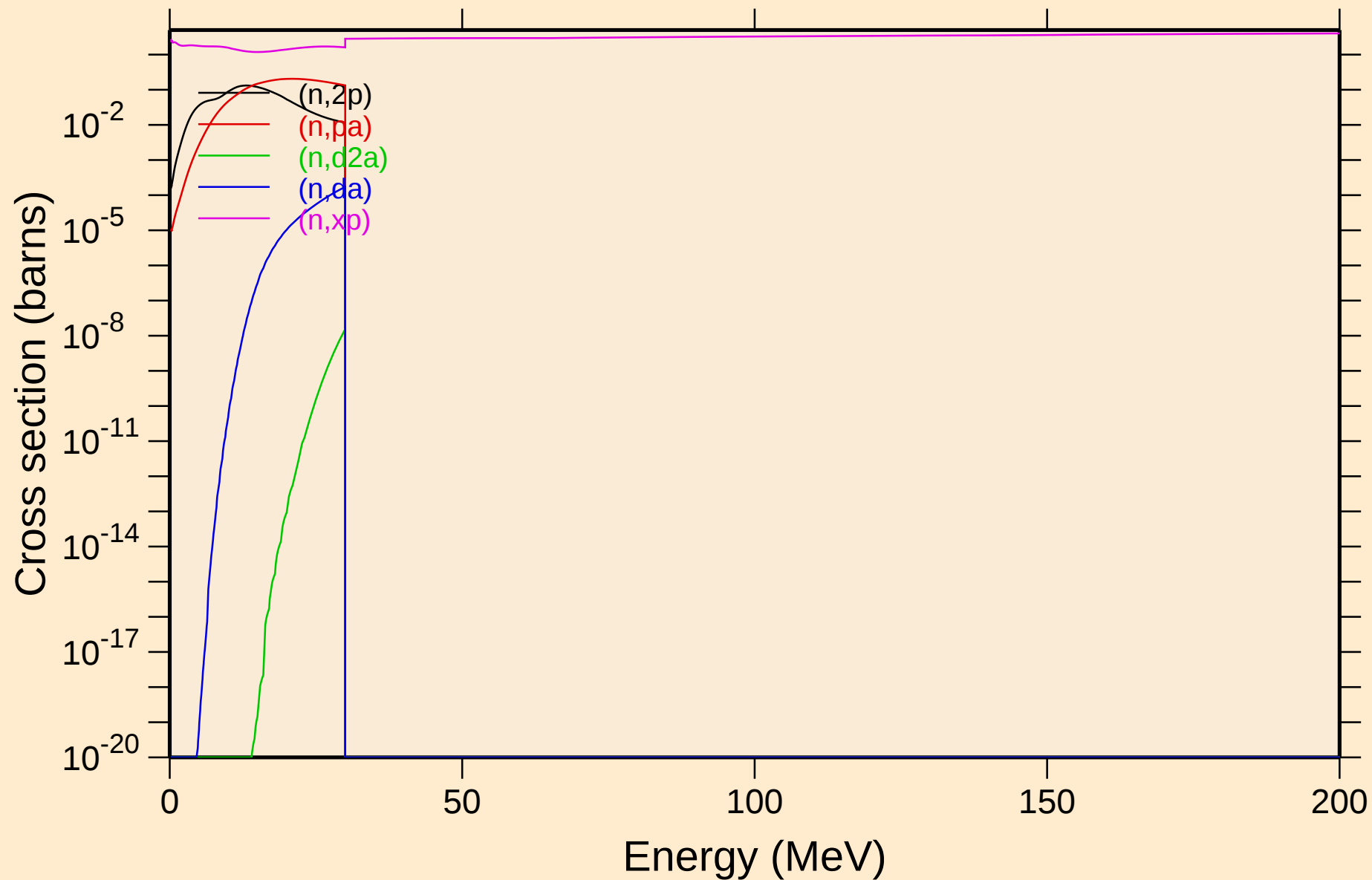


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

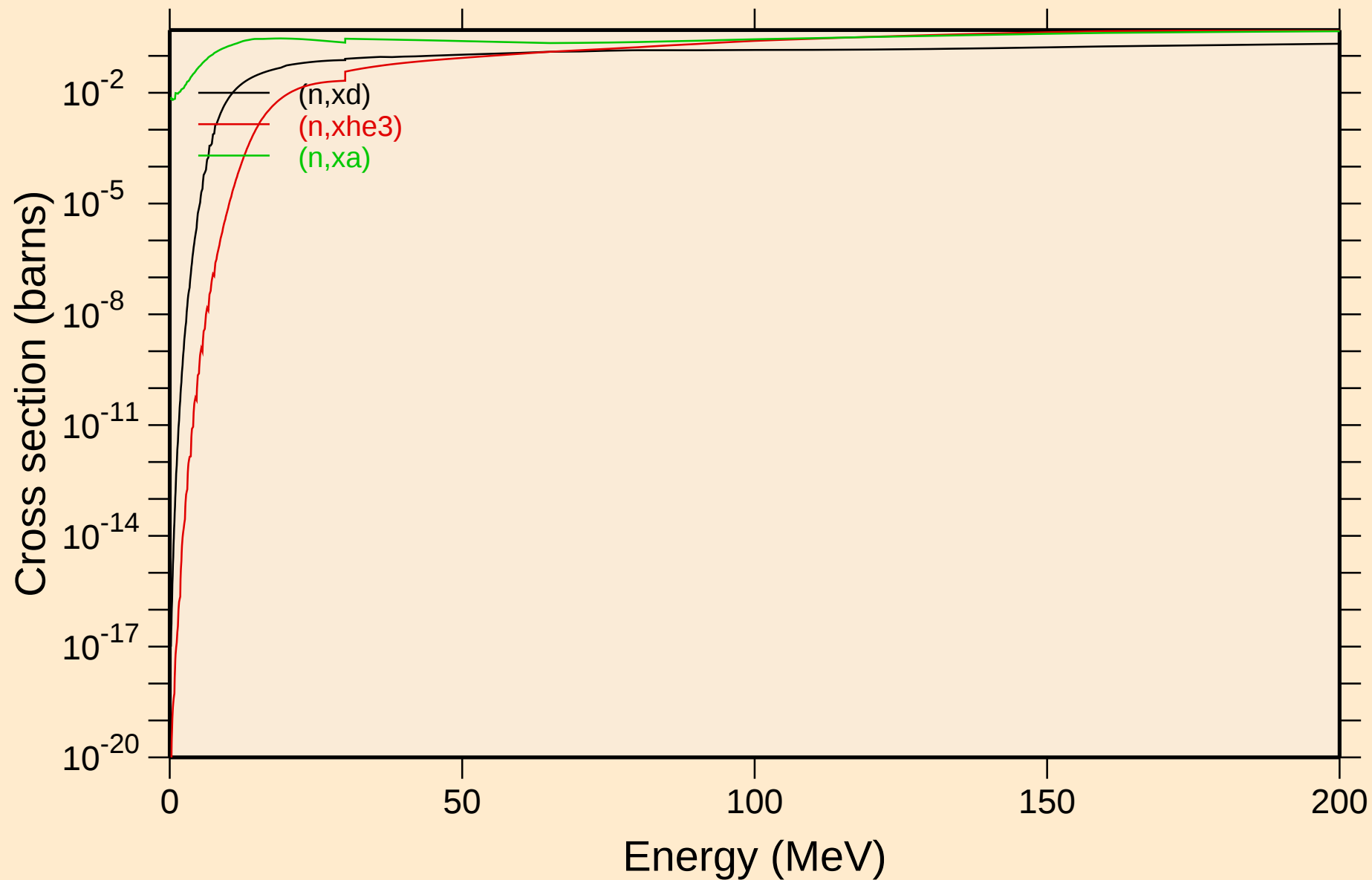


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

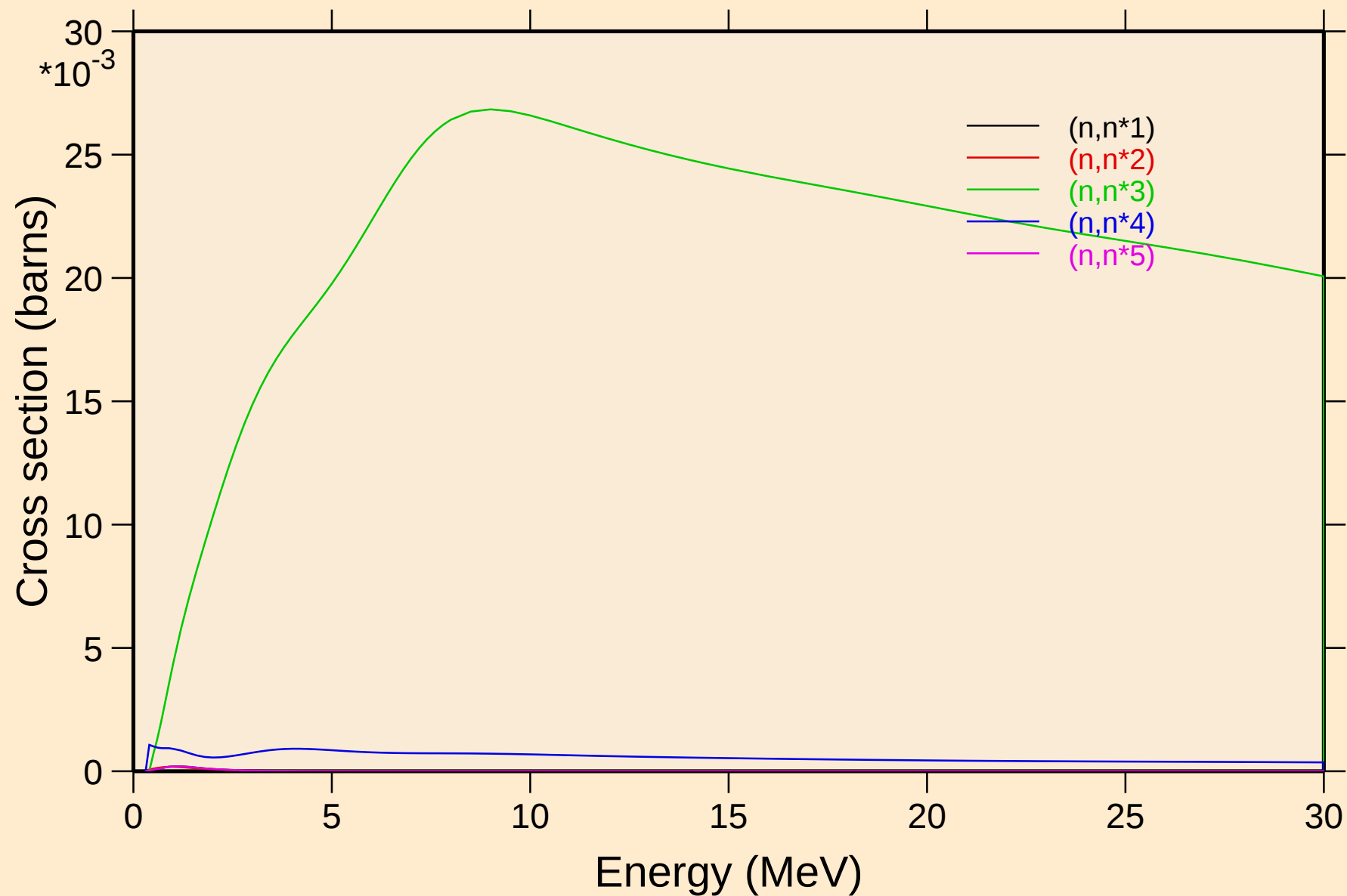


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



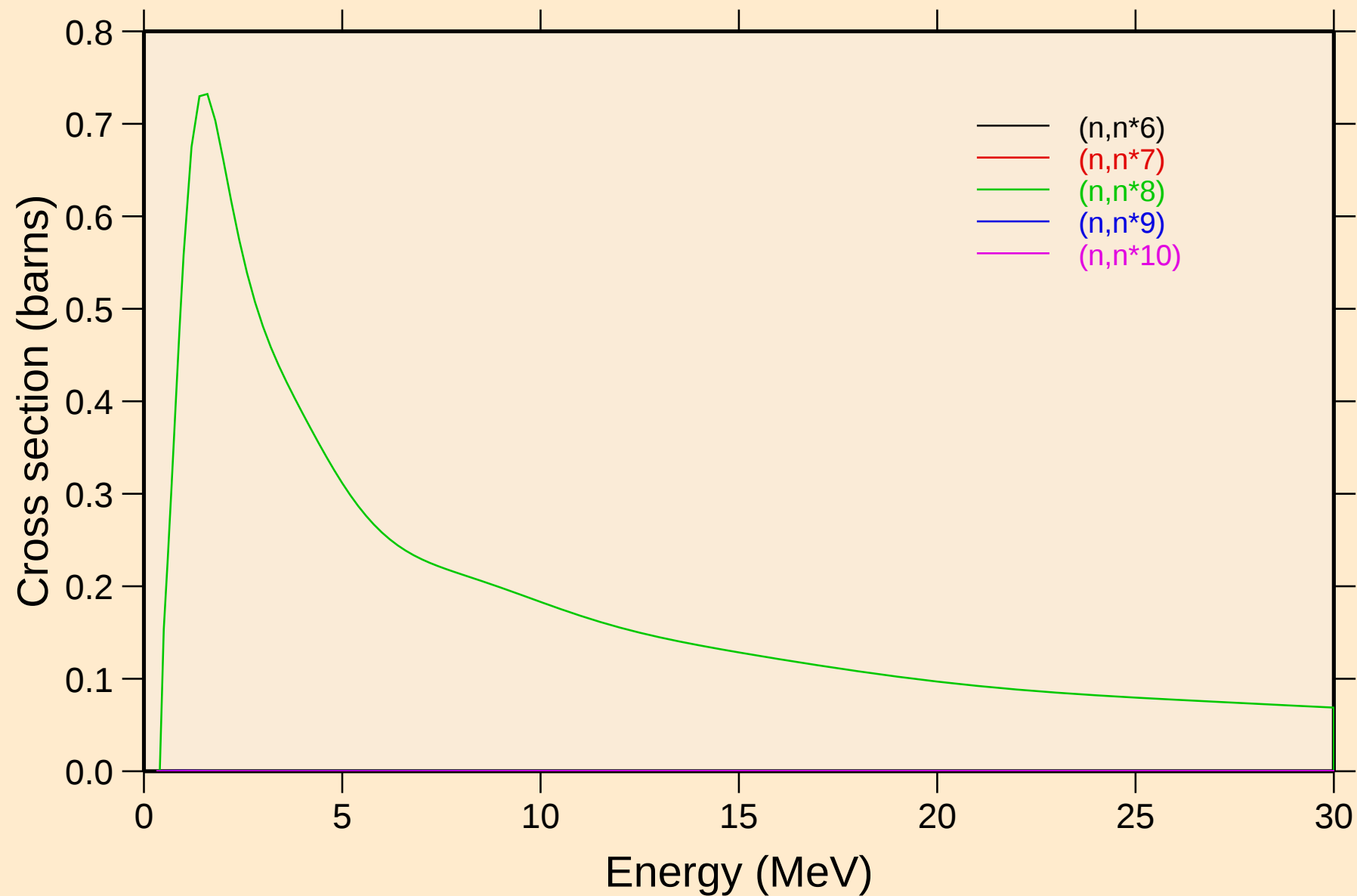
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Inelastic levels



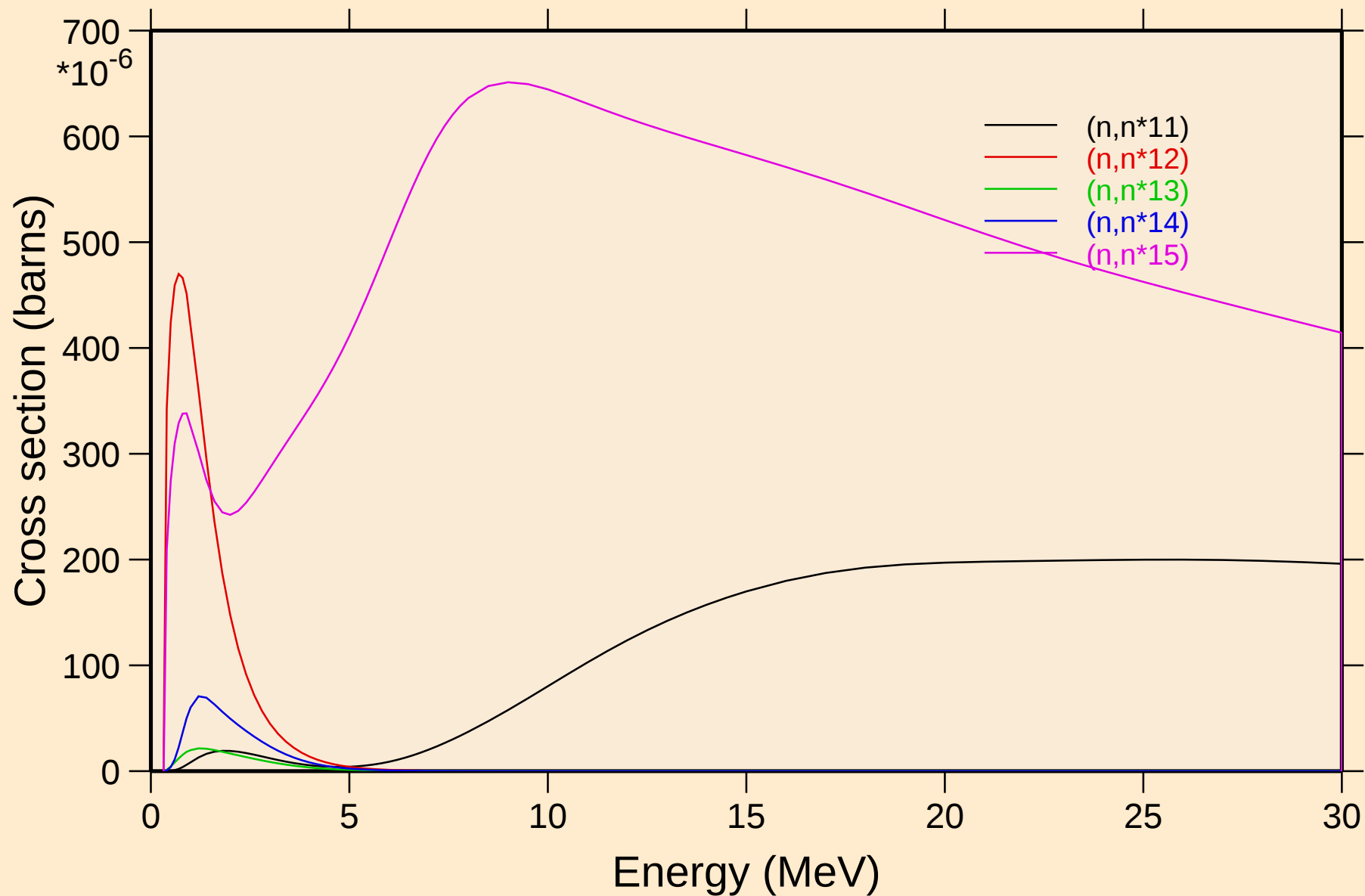
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



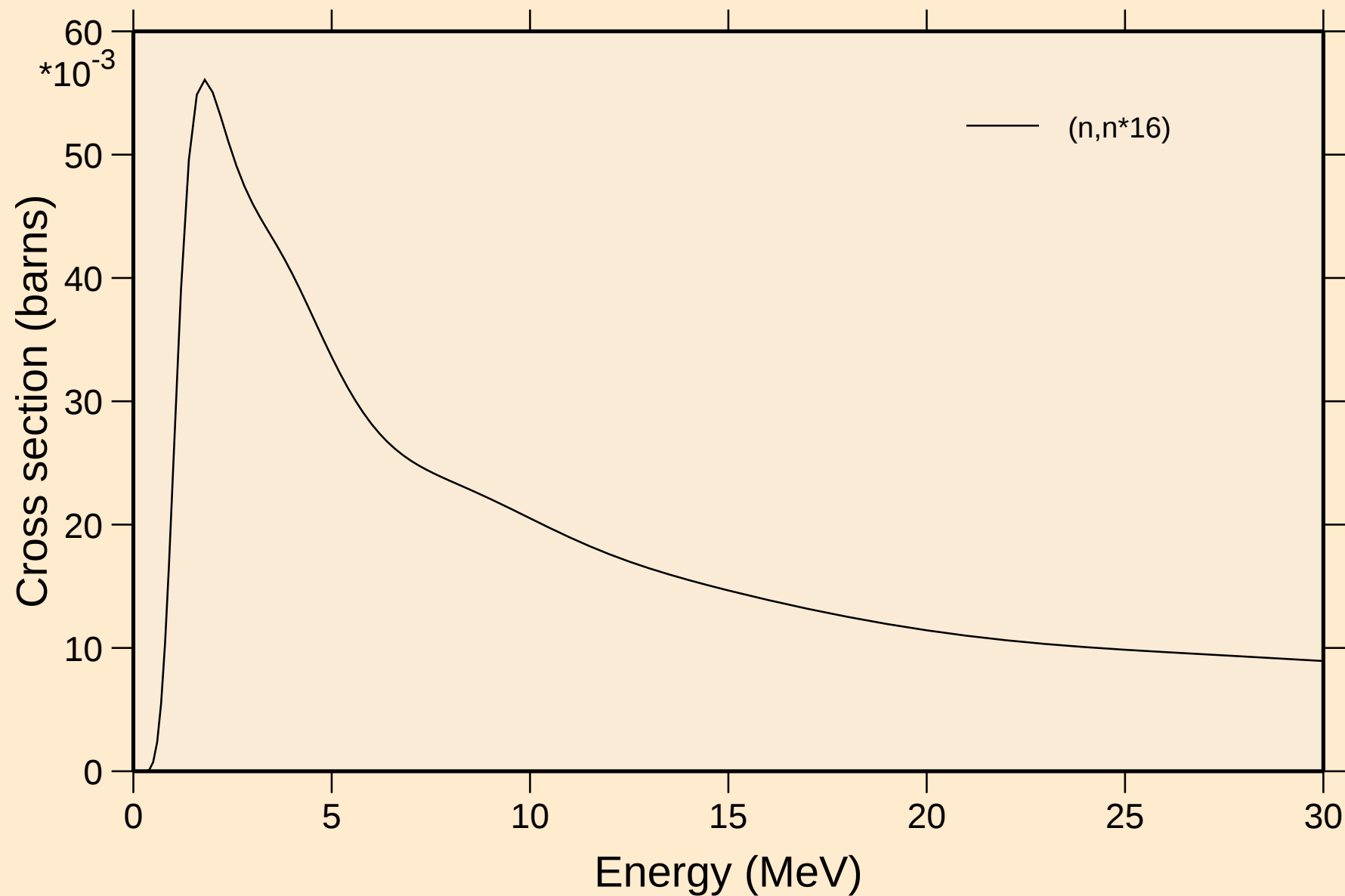
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



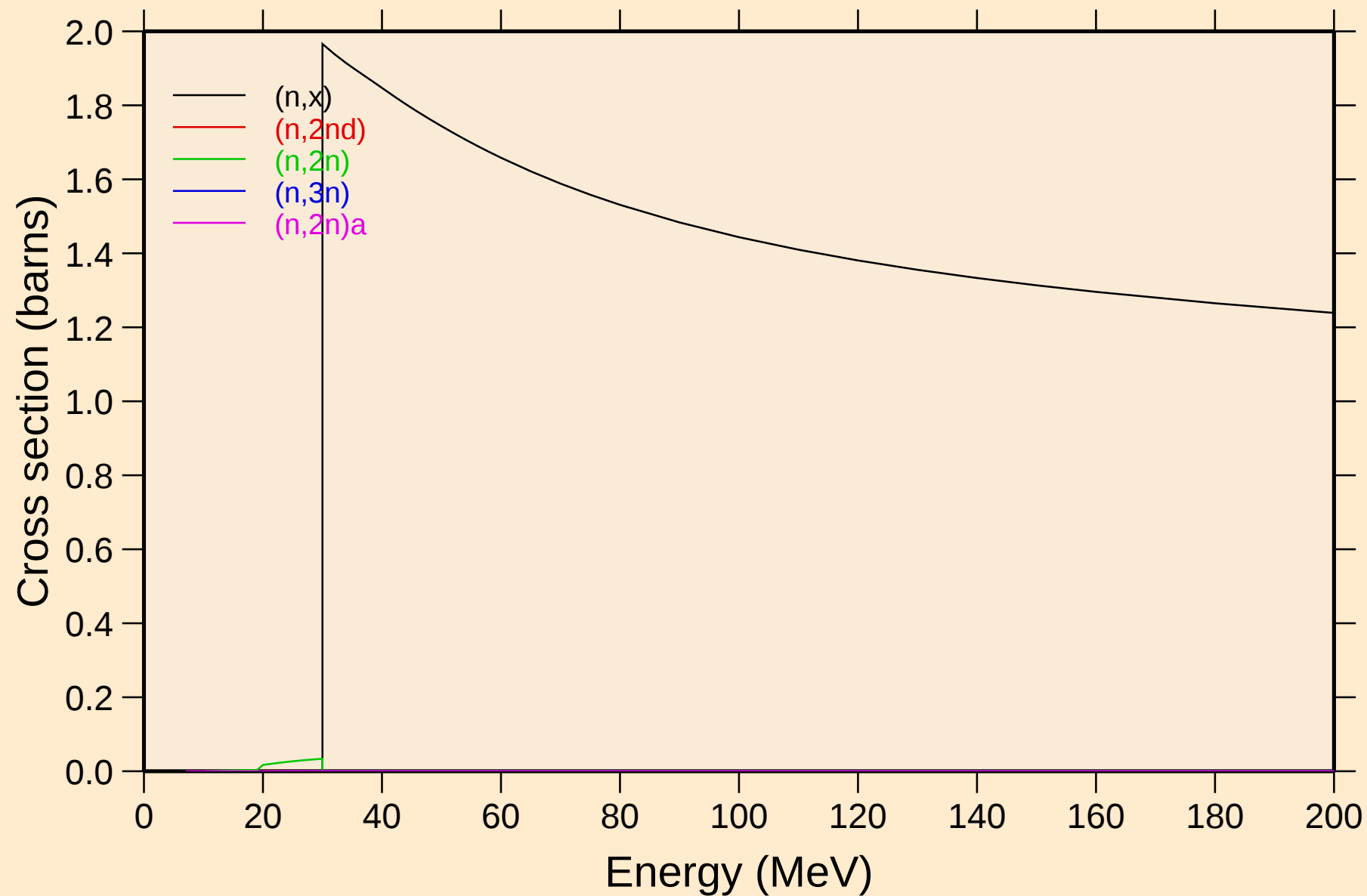
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



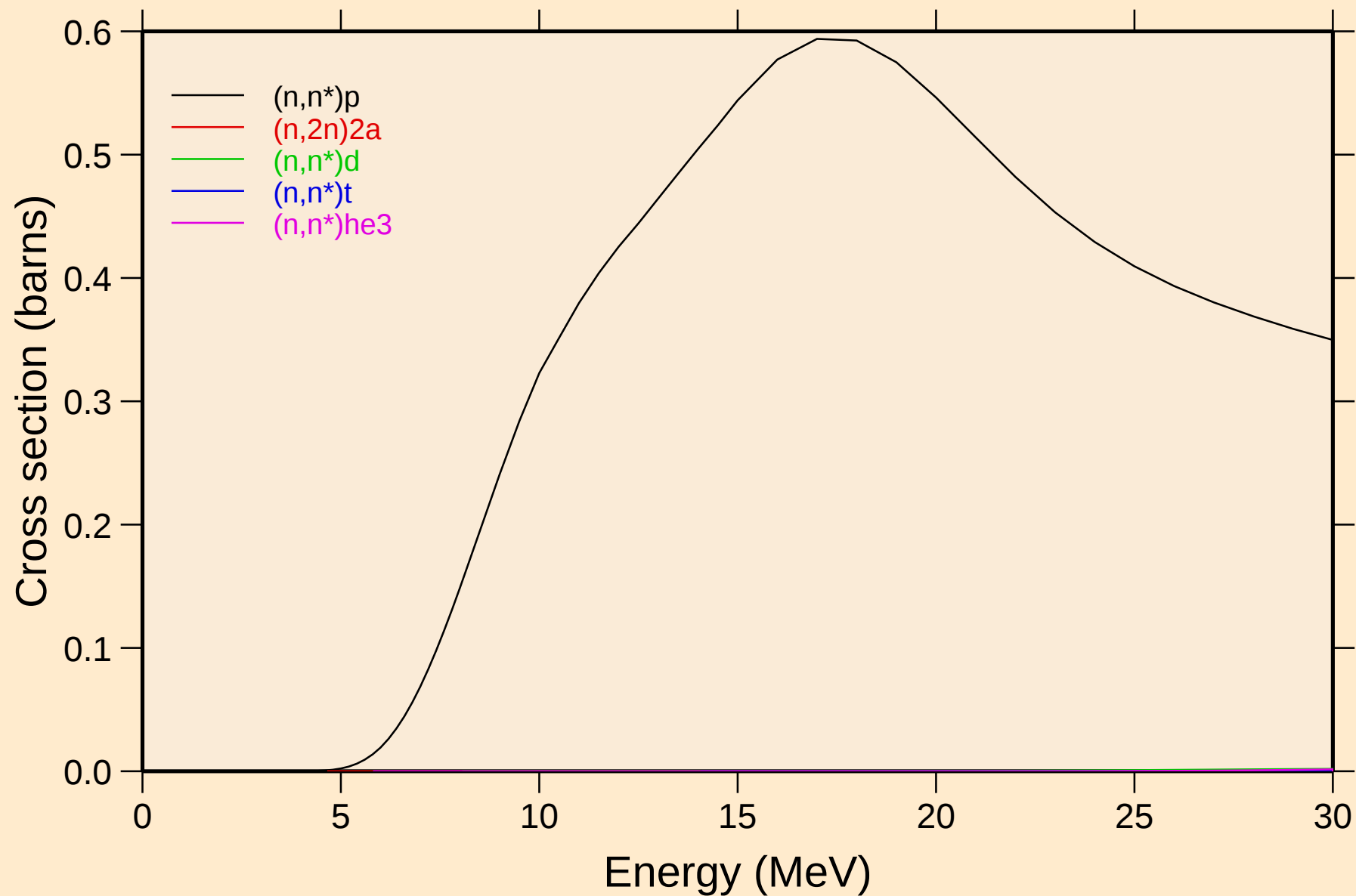
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

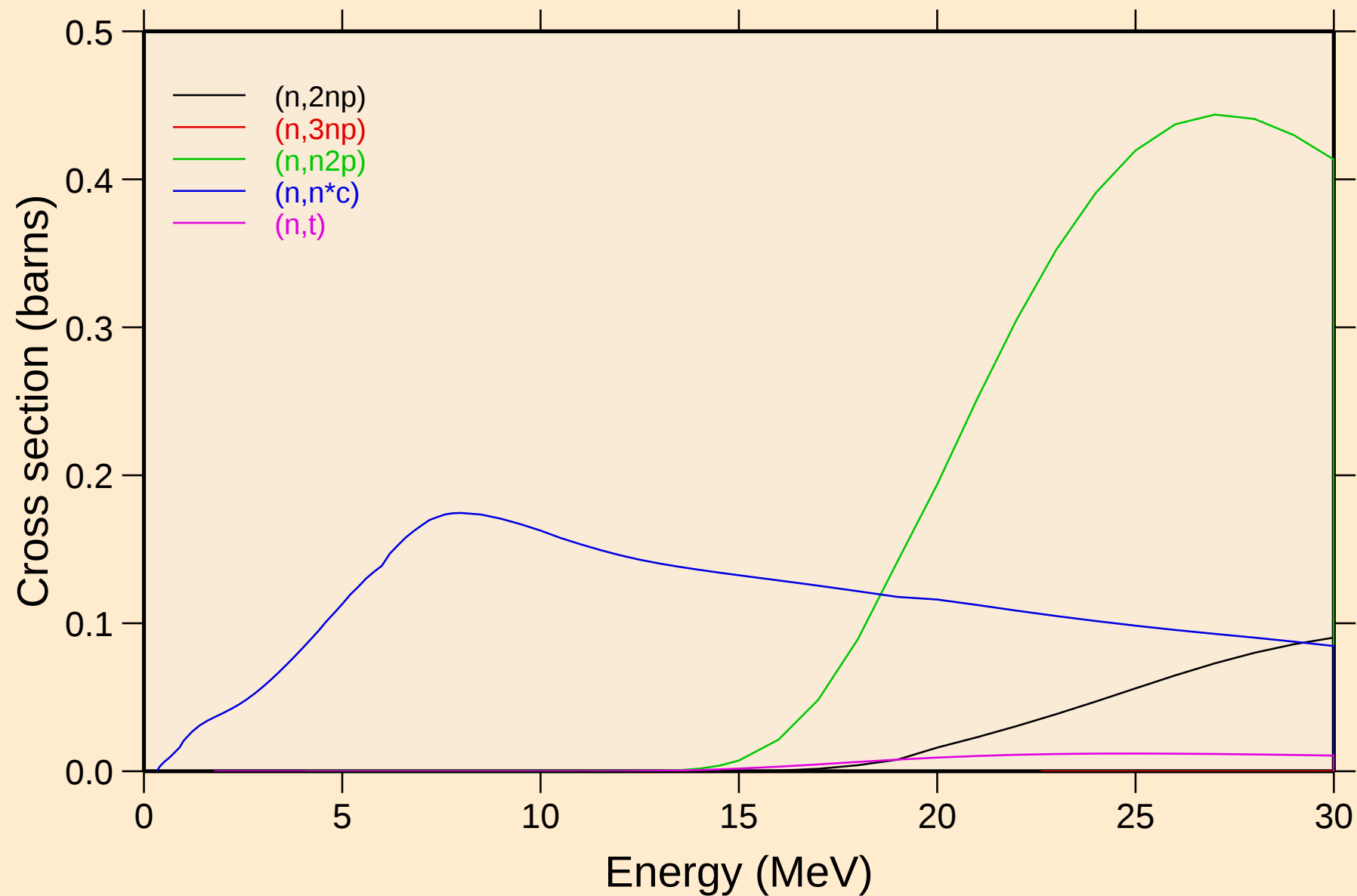


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

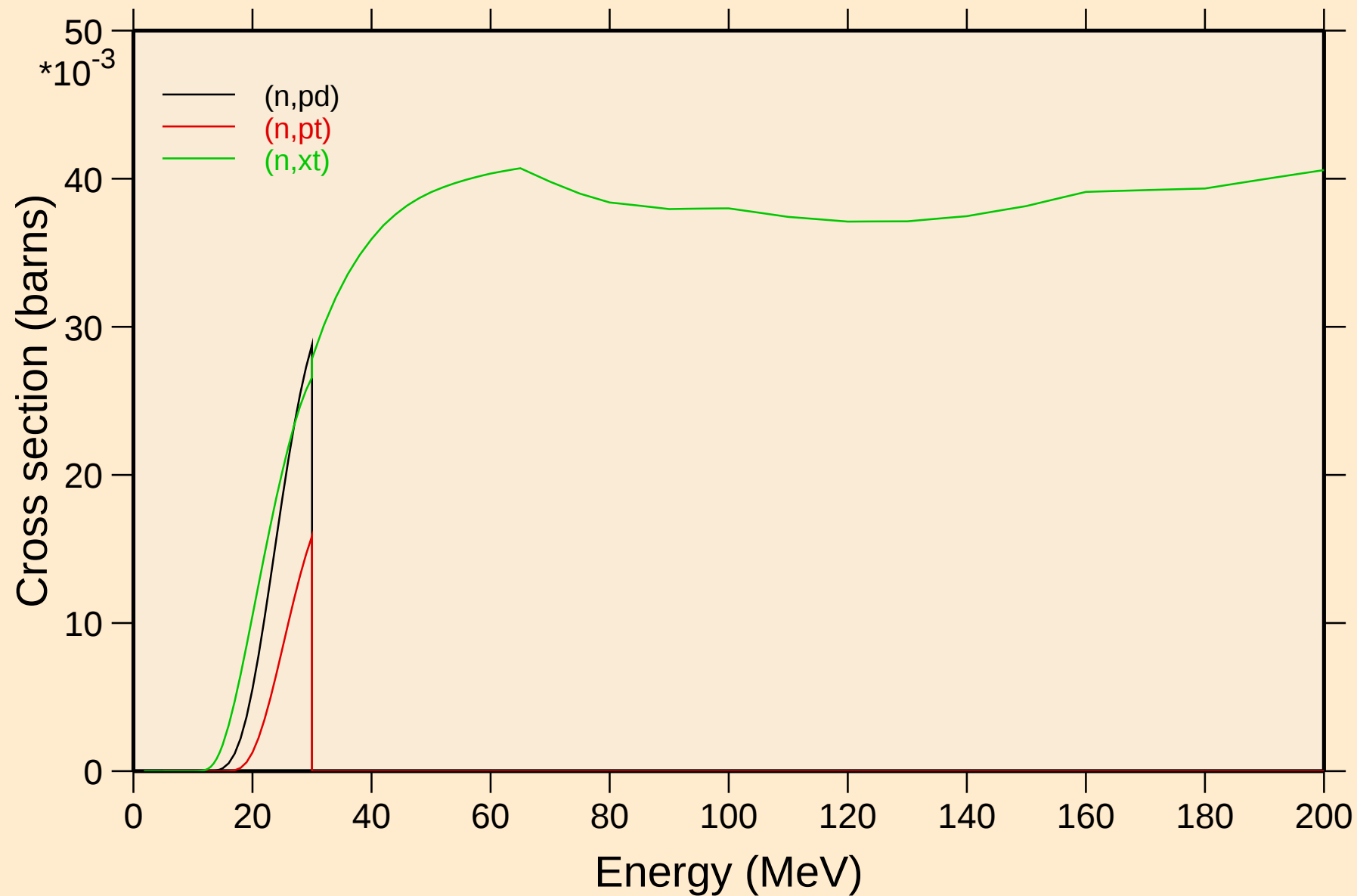


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

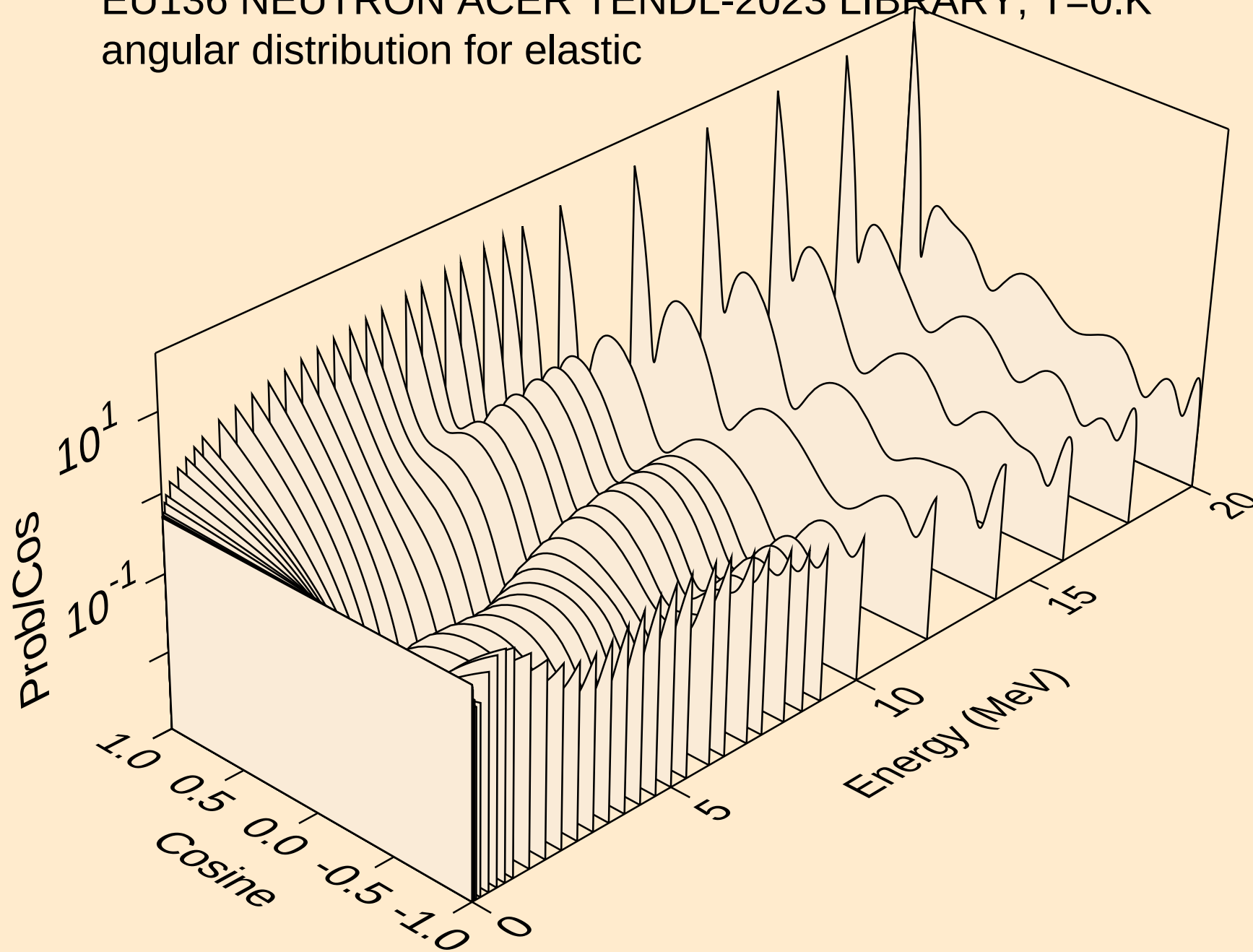


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

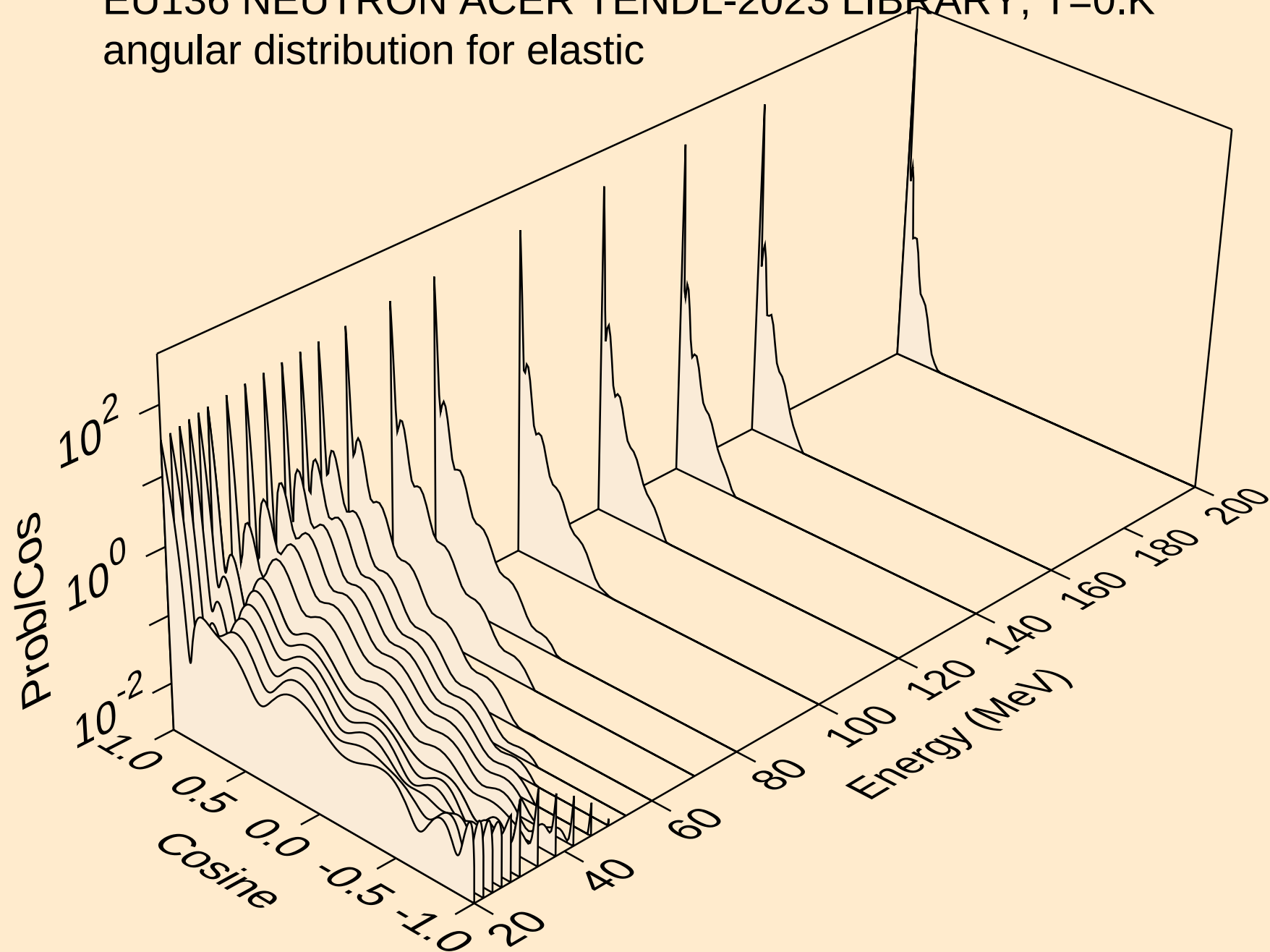
Threshold reactions



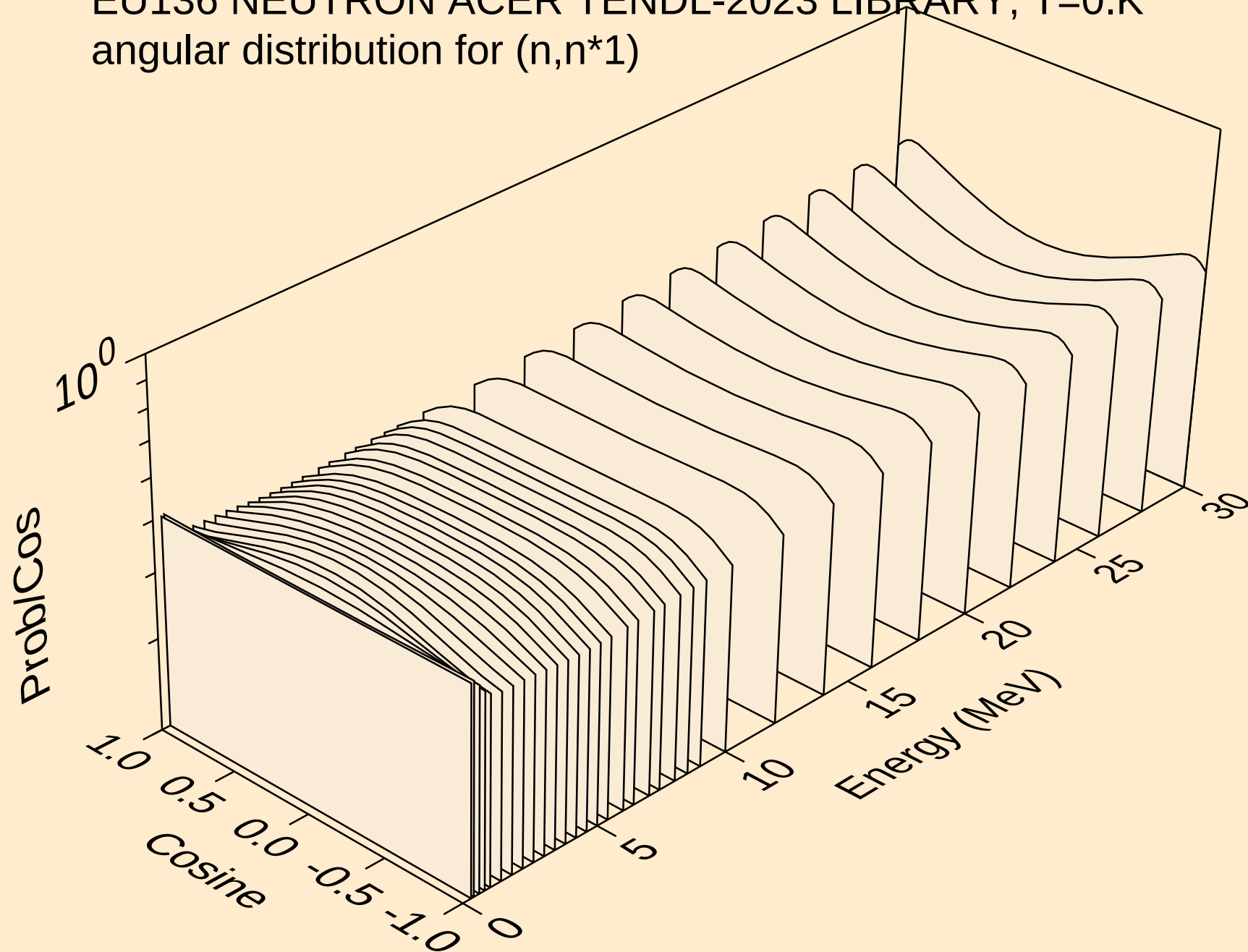
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



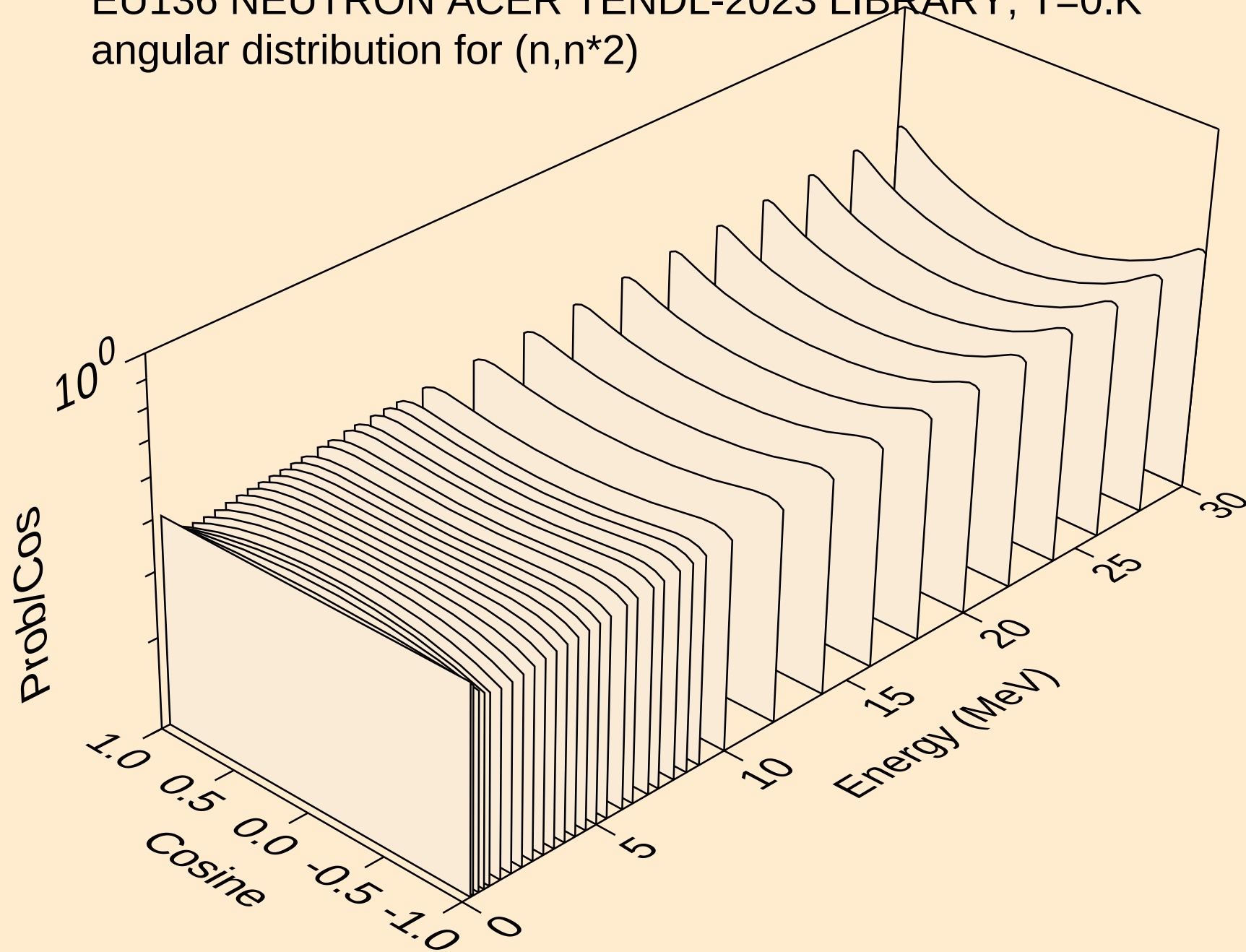
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angular distribution for elastic



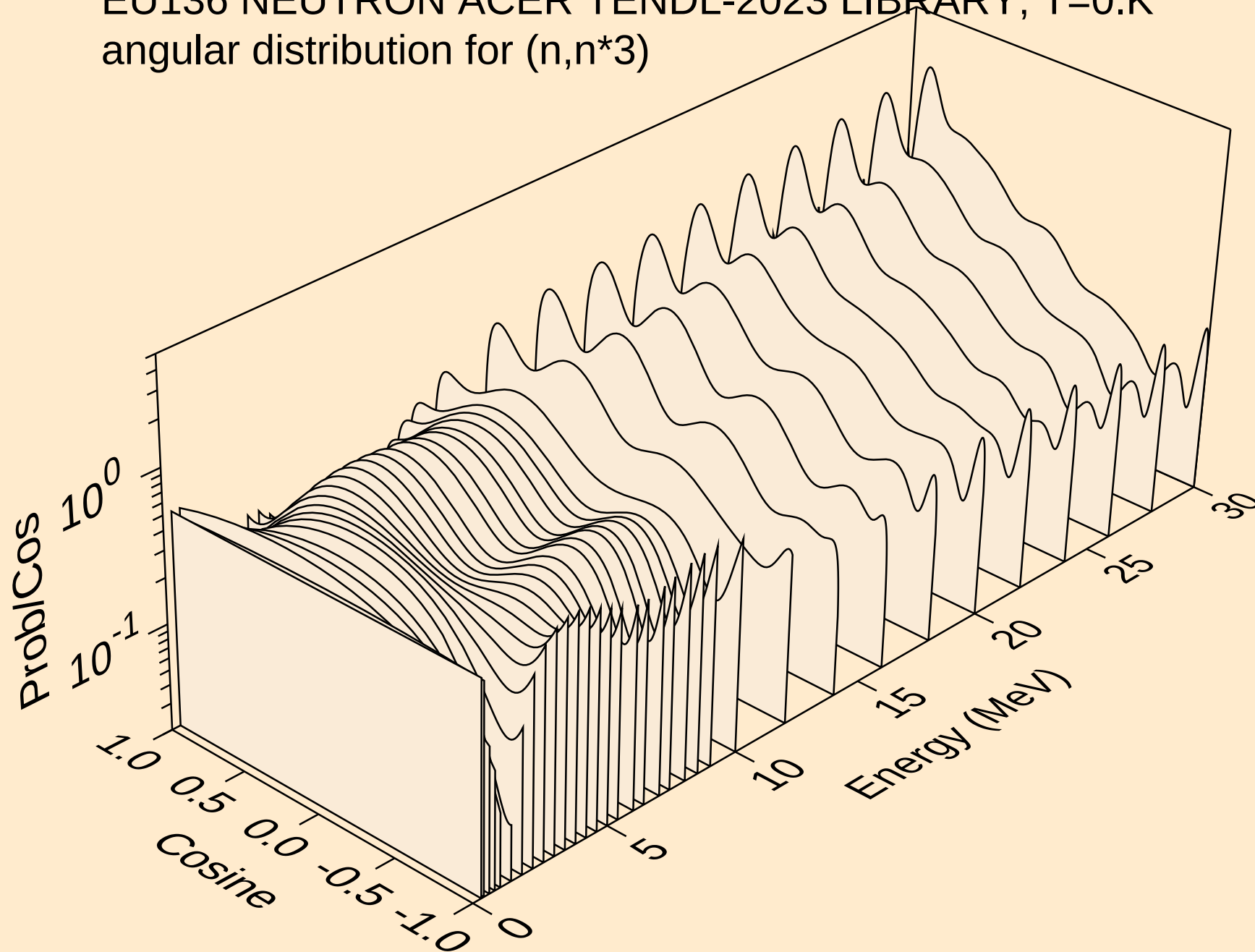
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



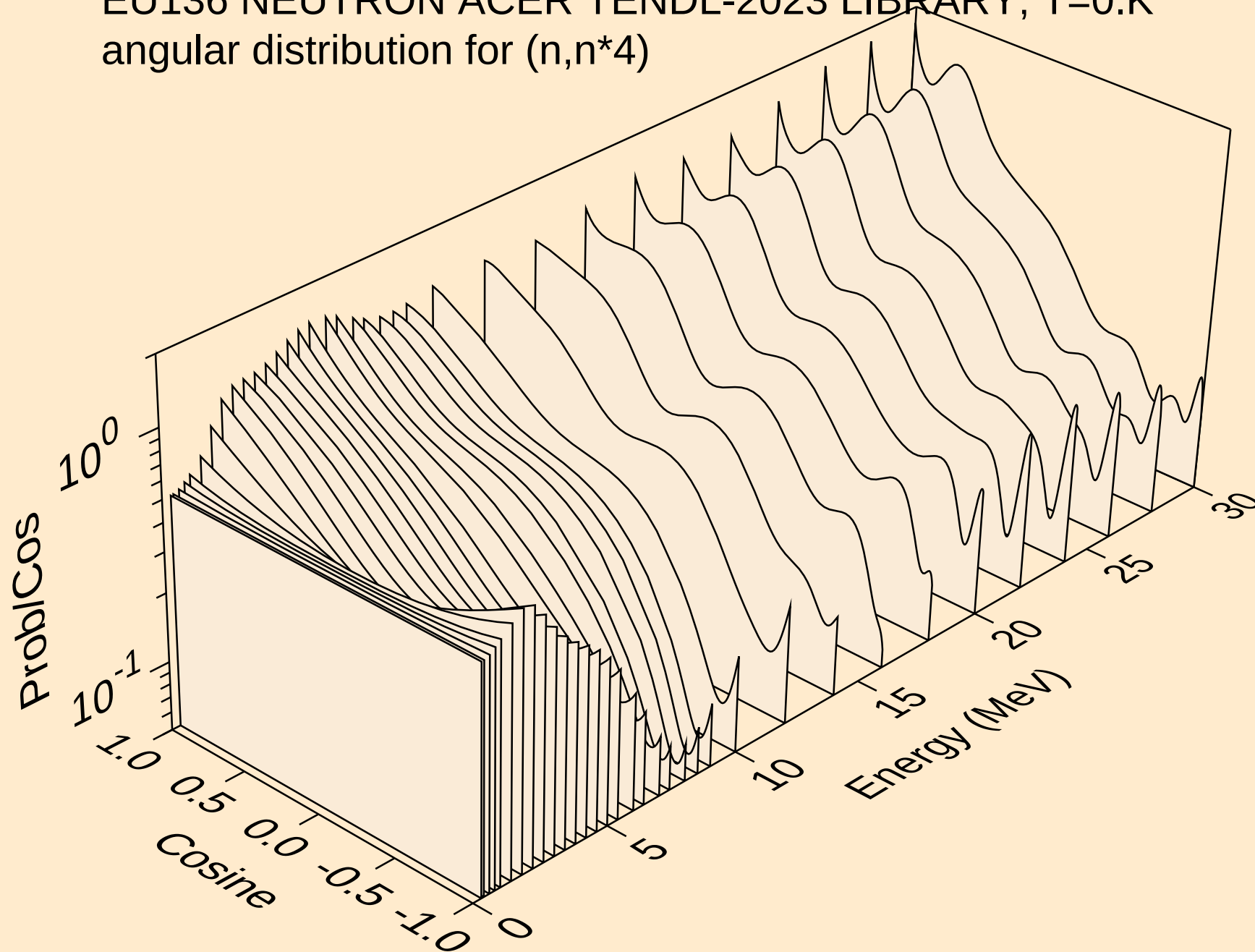
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



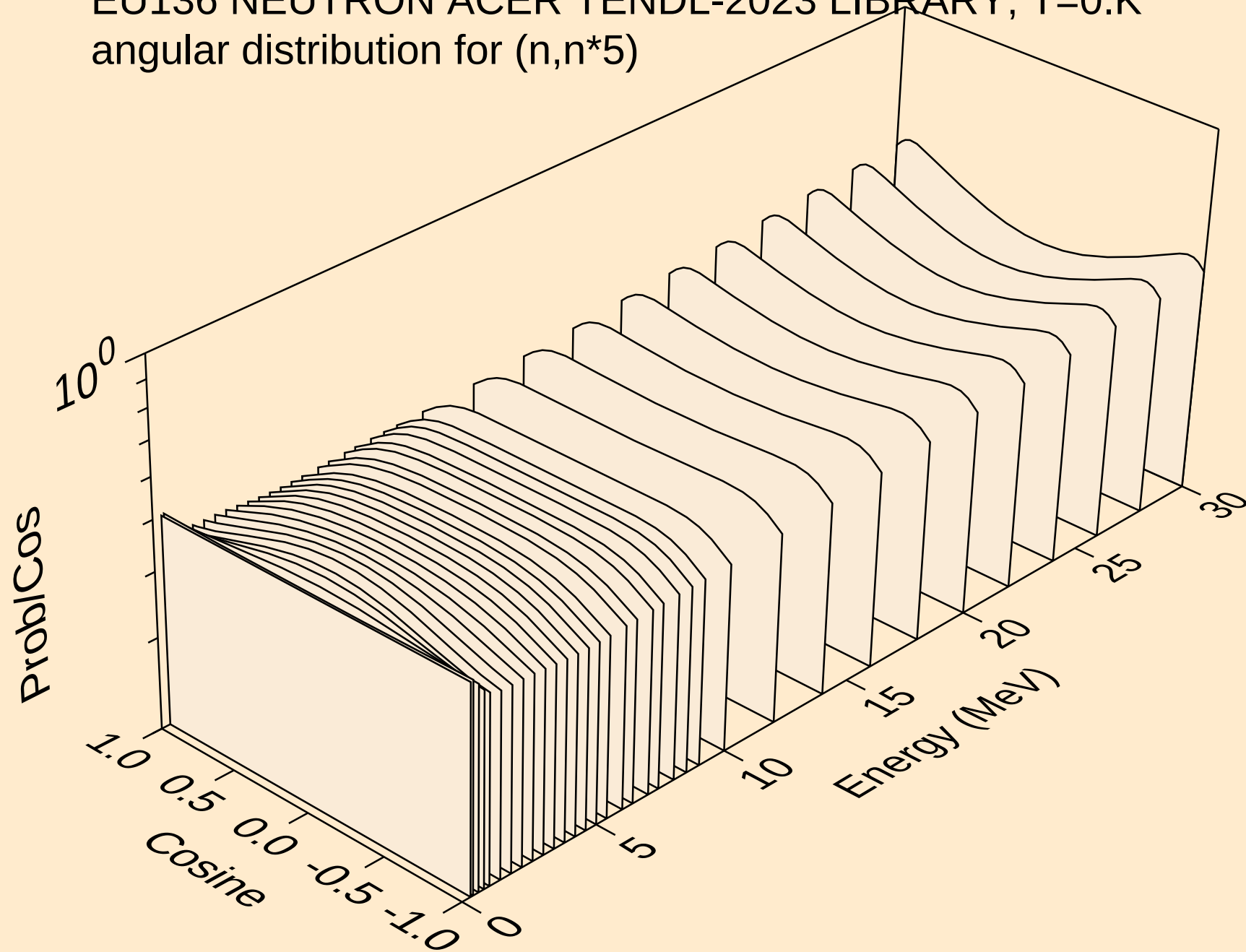
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



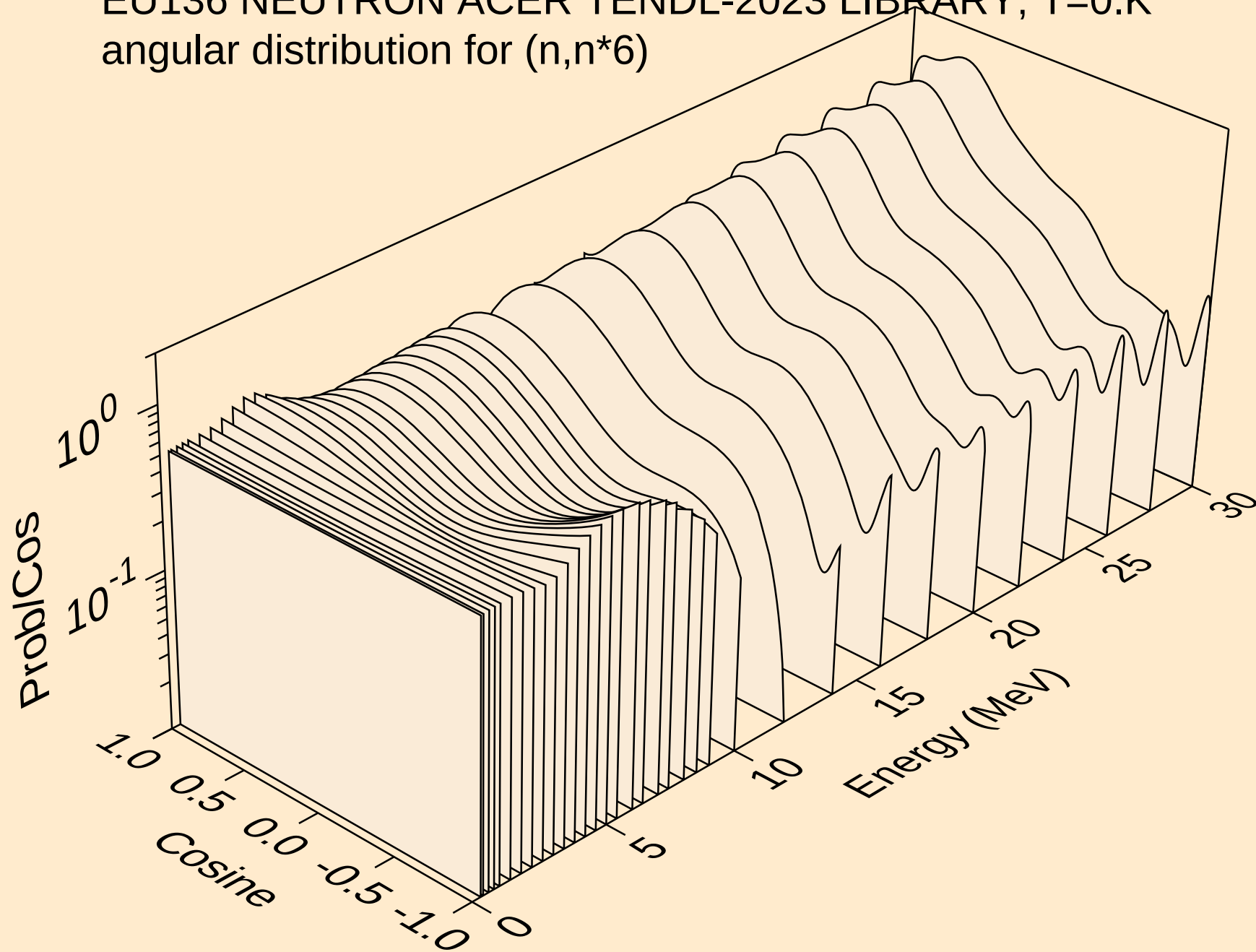
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



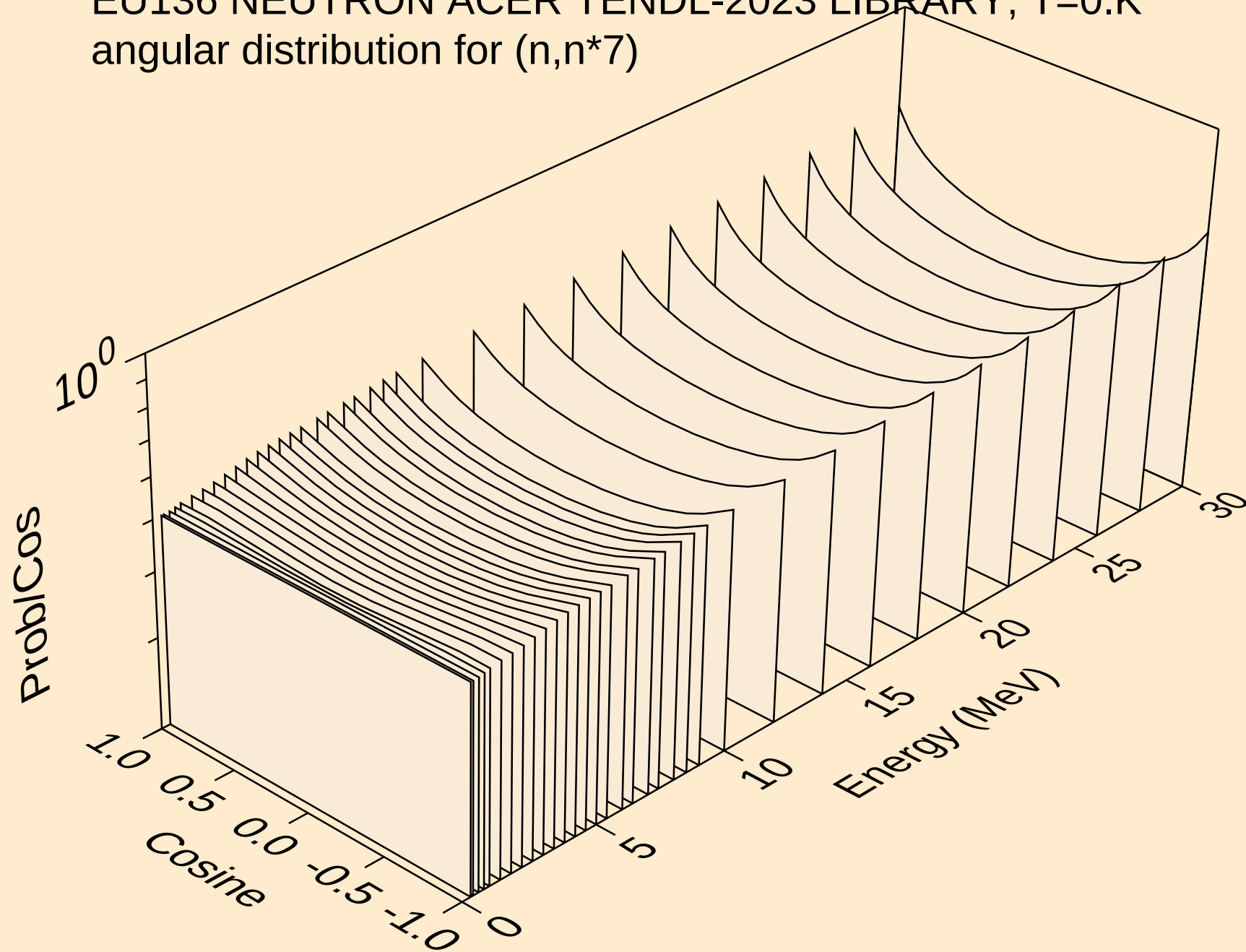
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



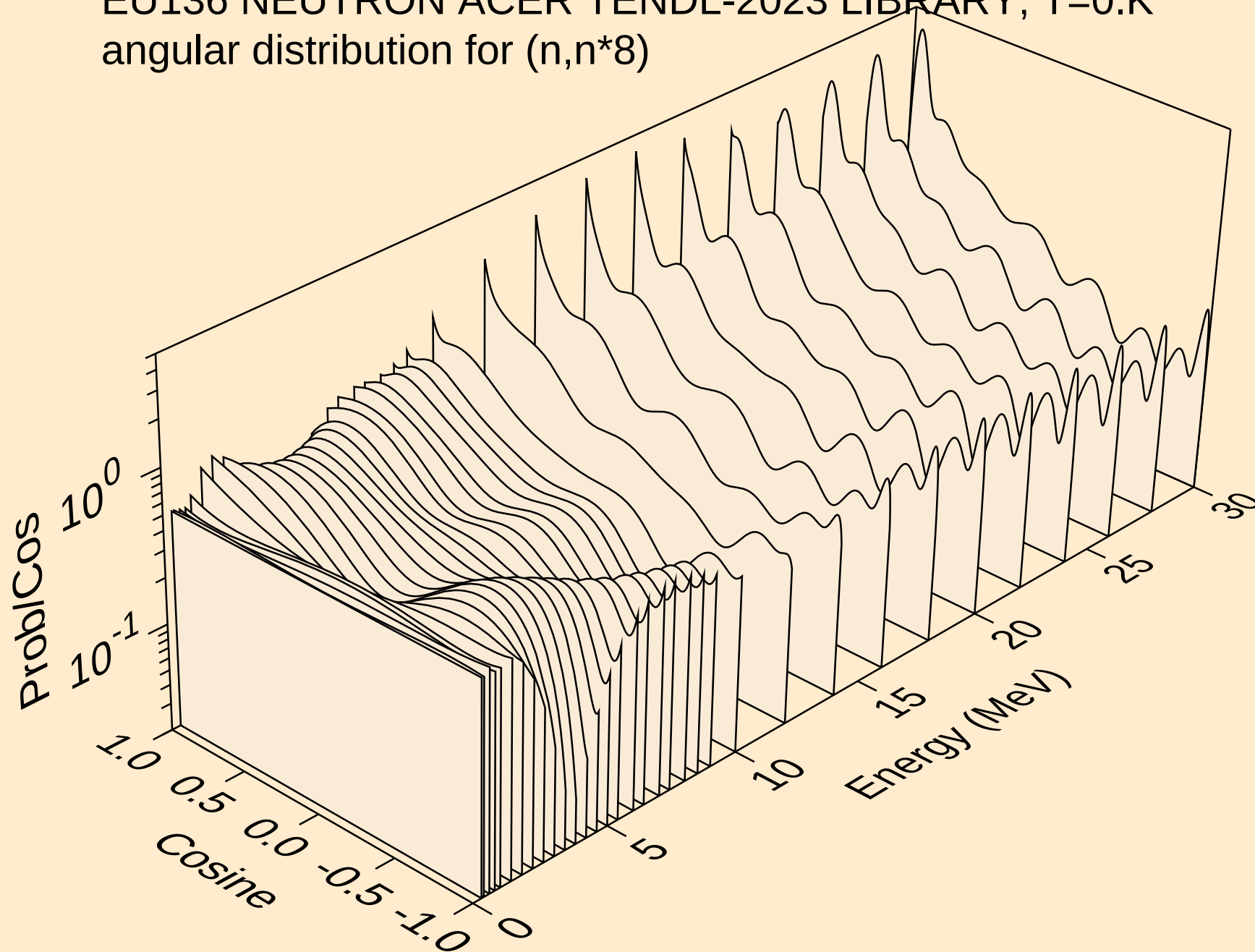
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angular distribution for (n,n*6)



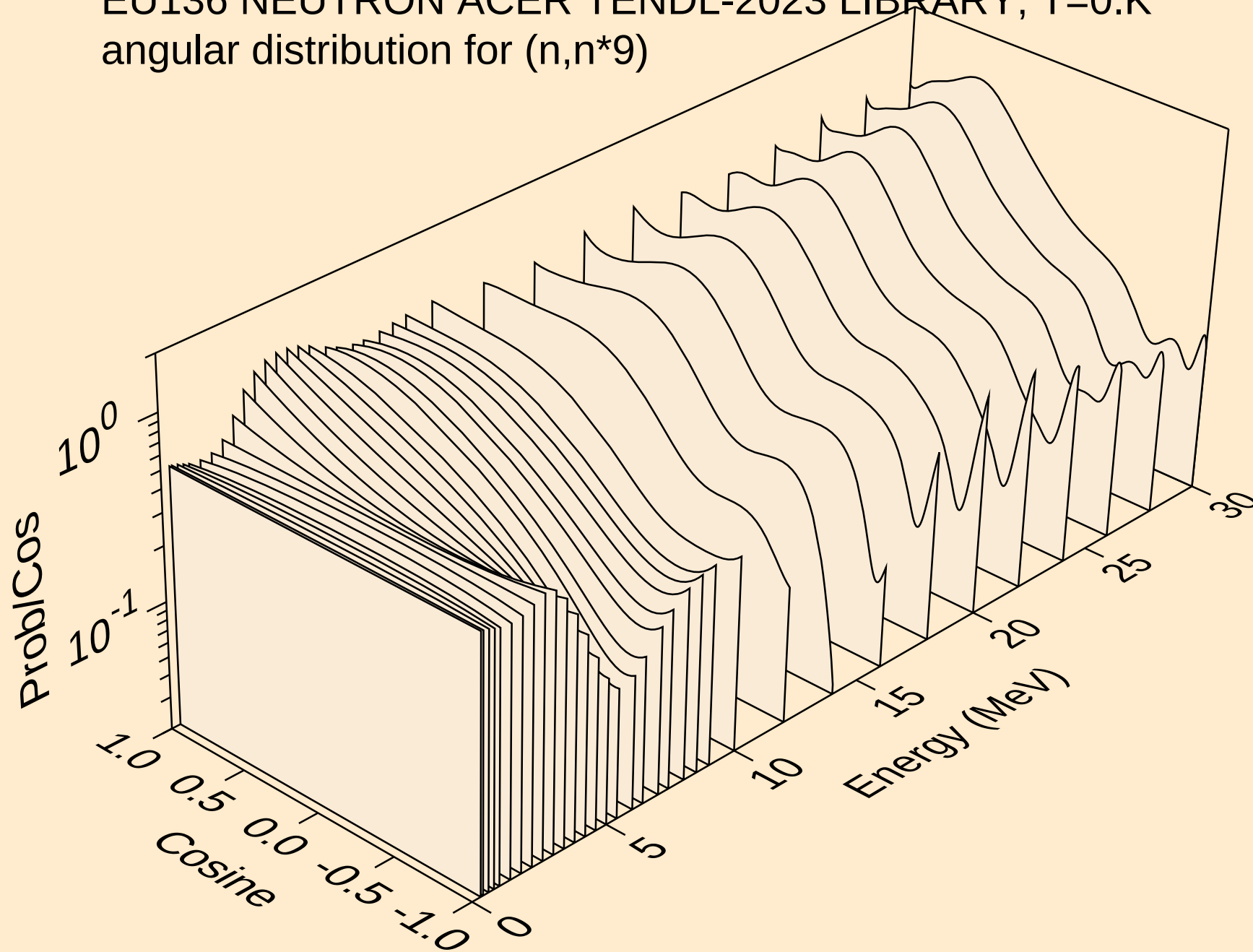
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angular distribution for (n,n*7)



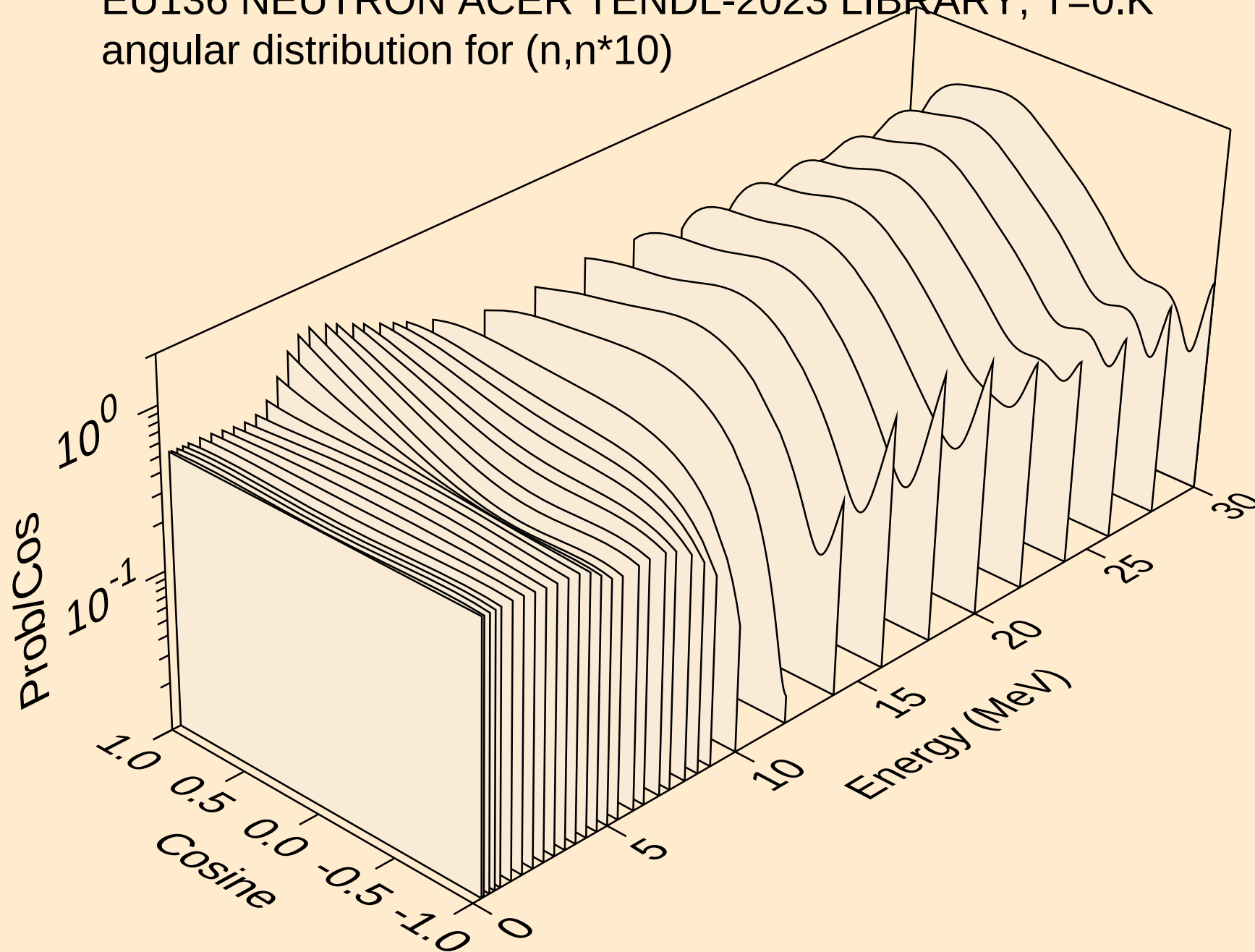
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angular distribution for (n,n*8)



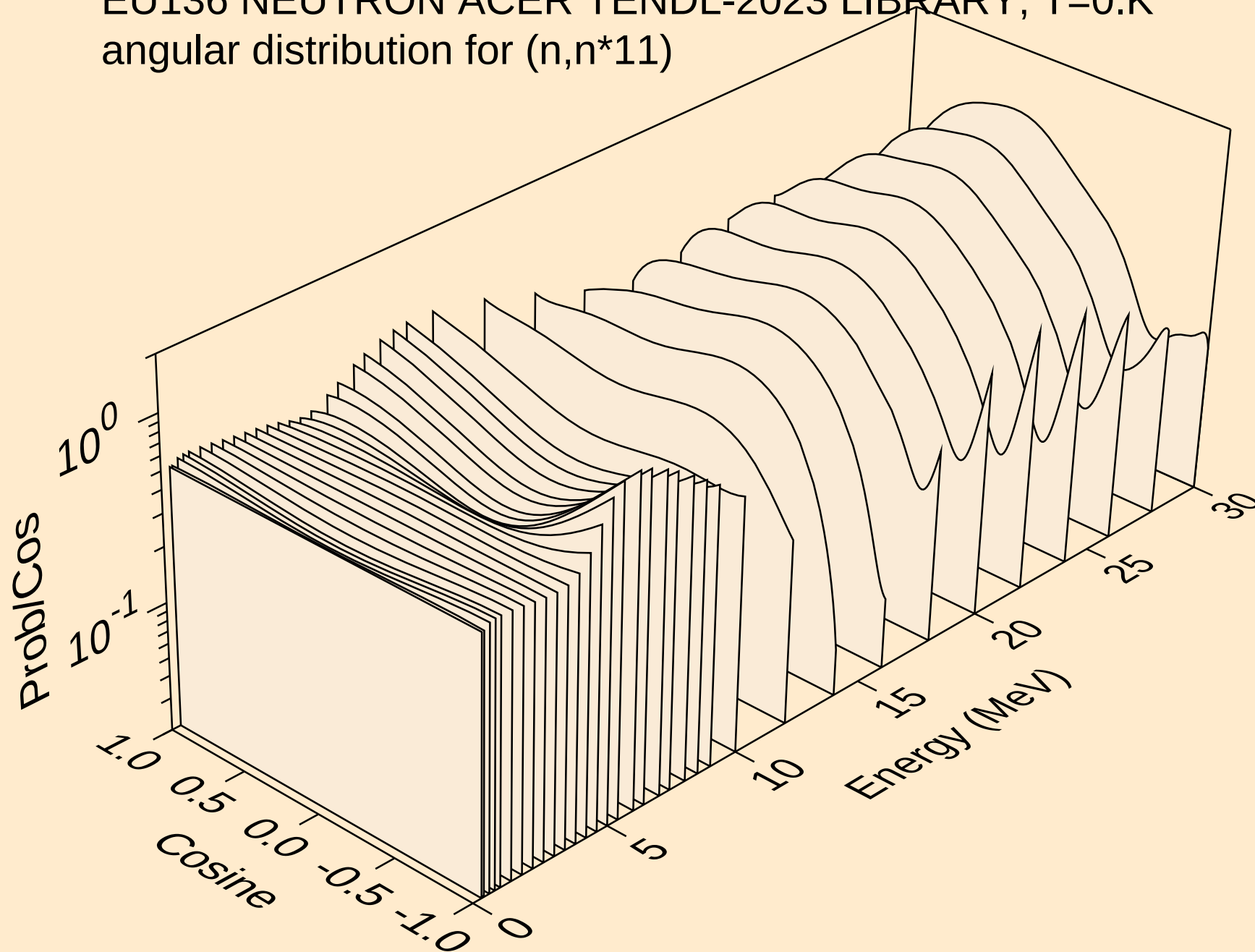
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angular distribution for (n,n*9)



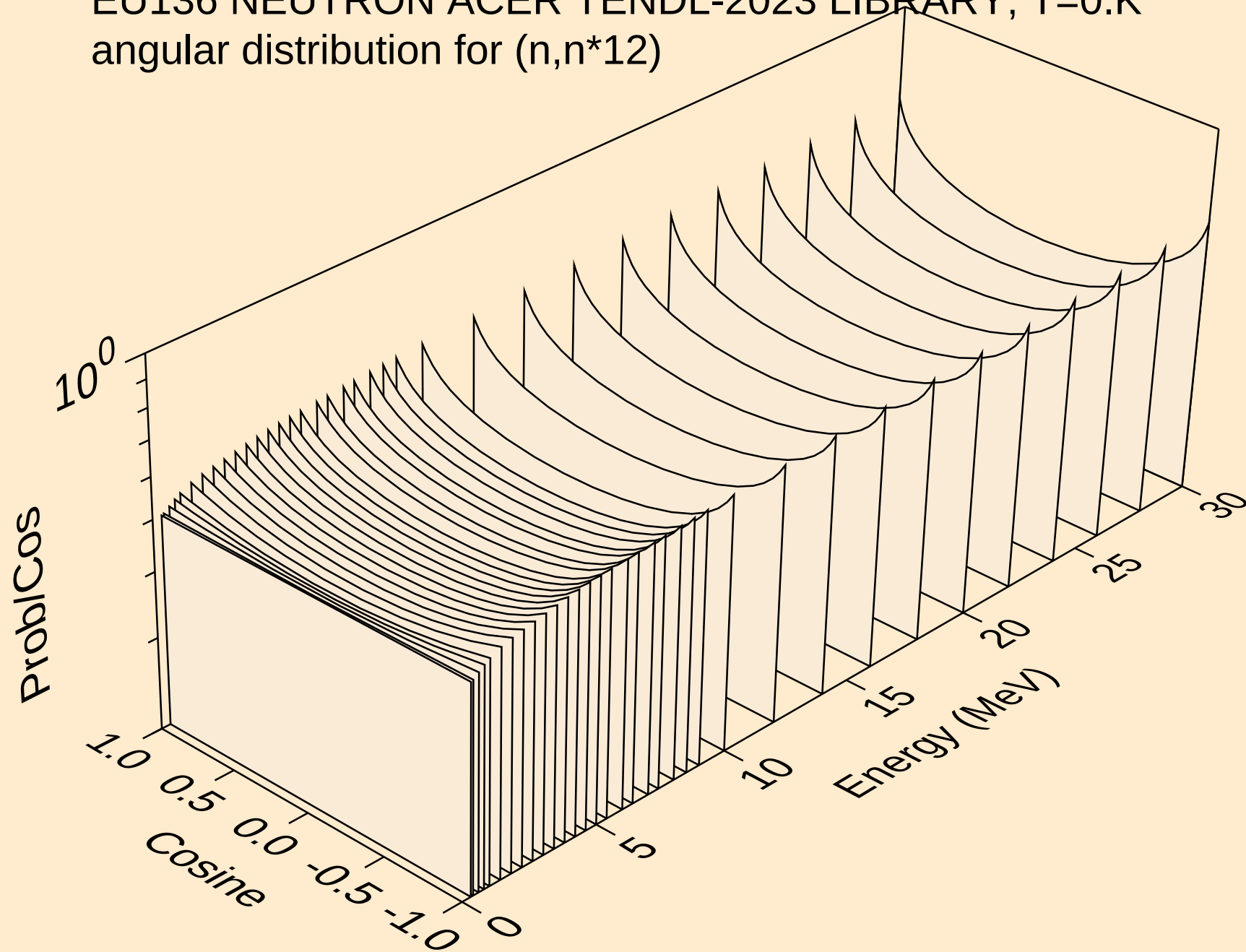
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angular distribution for (n,n*10)



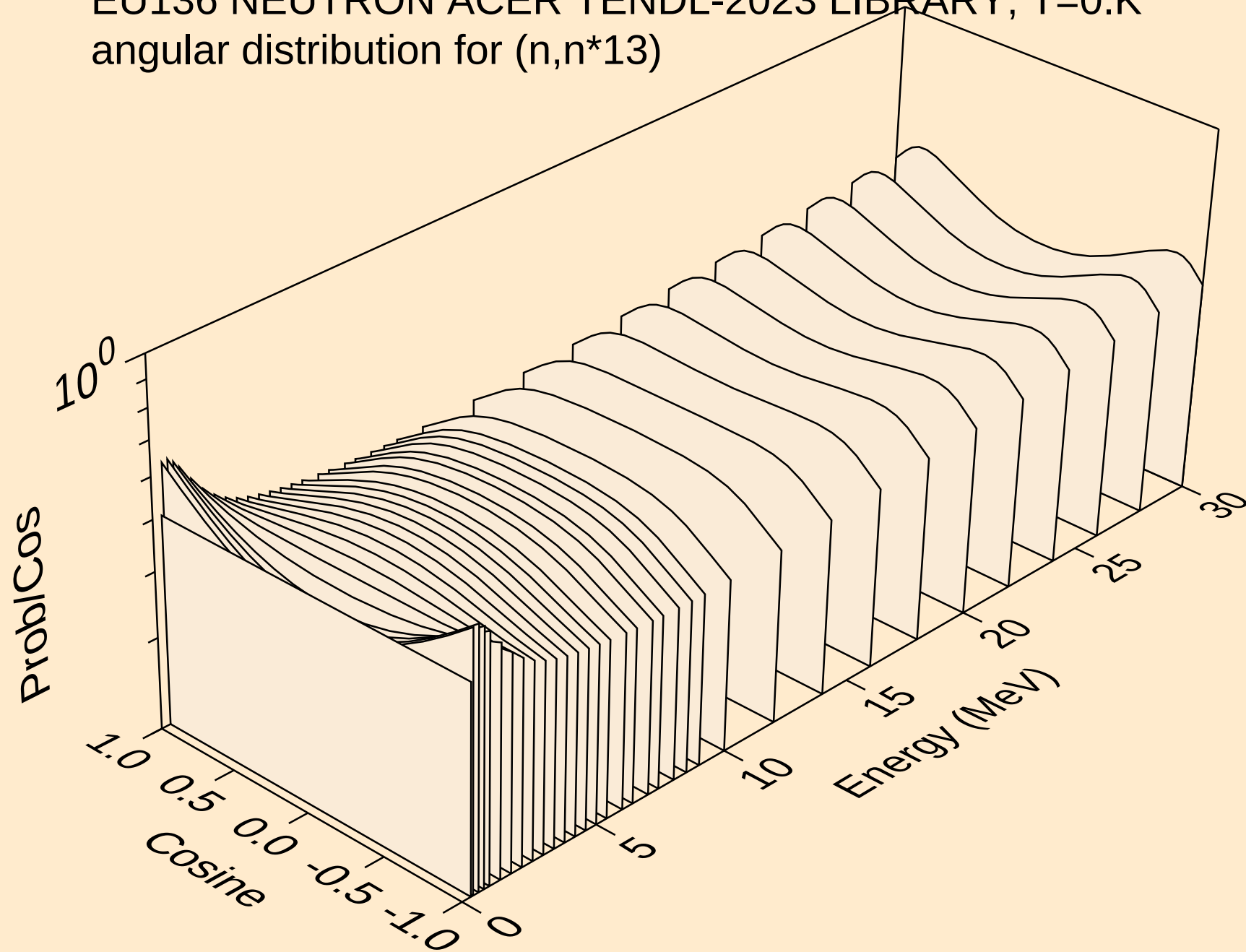
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angular distribution for (n,n*11)



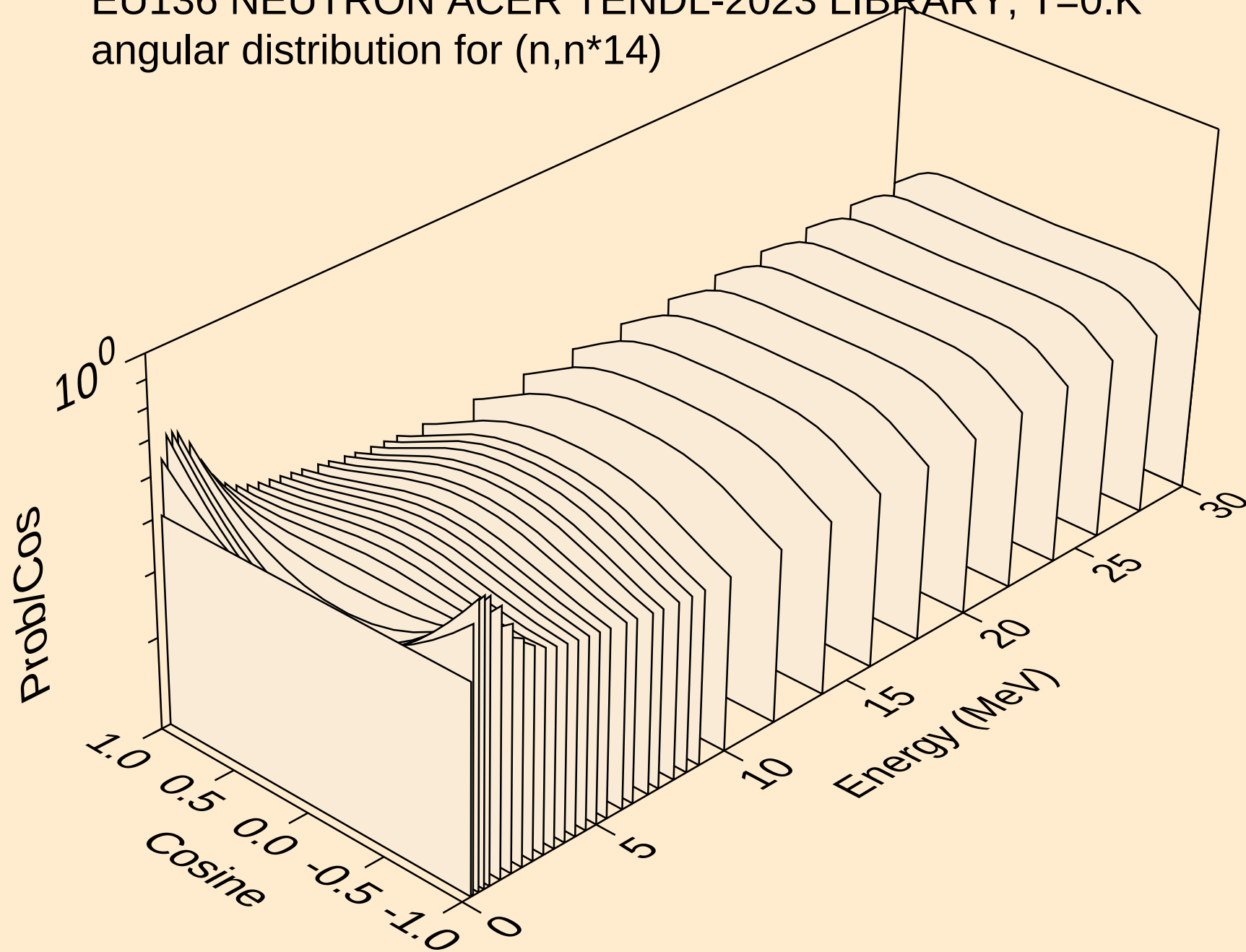
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angular distribution for (n,n*12)



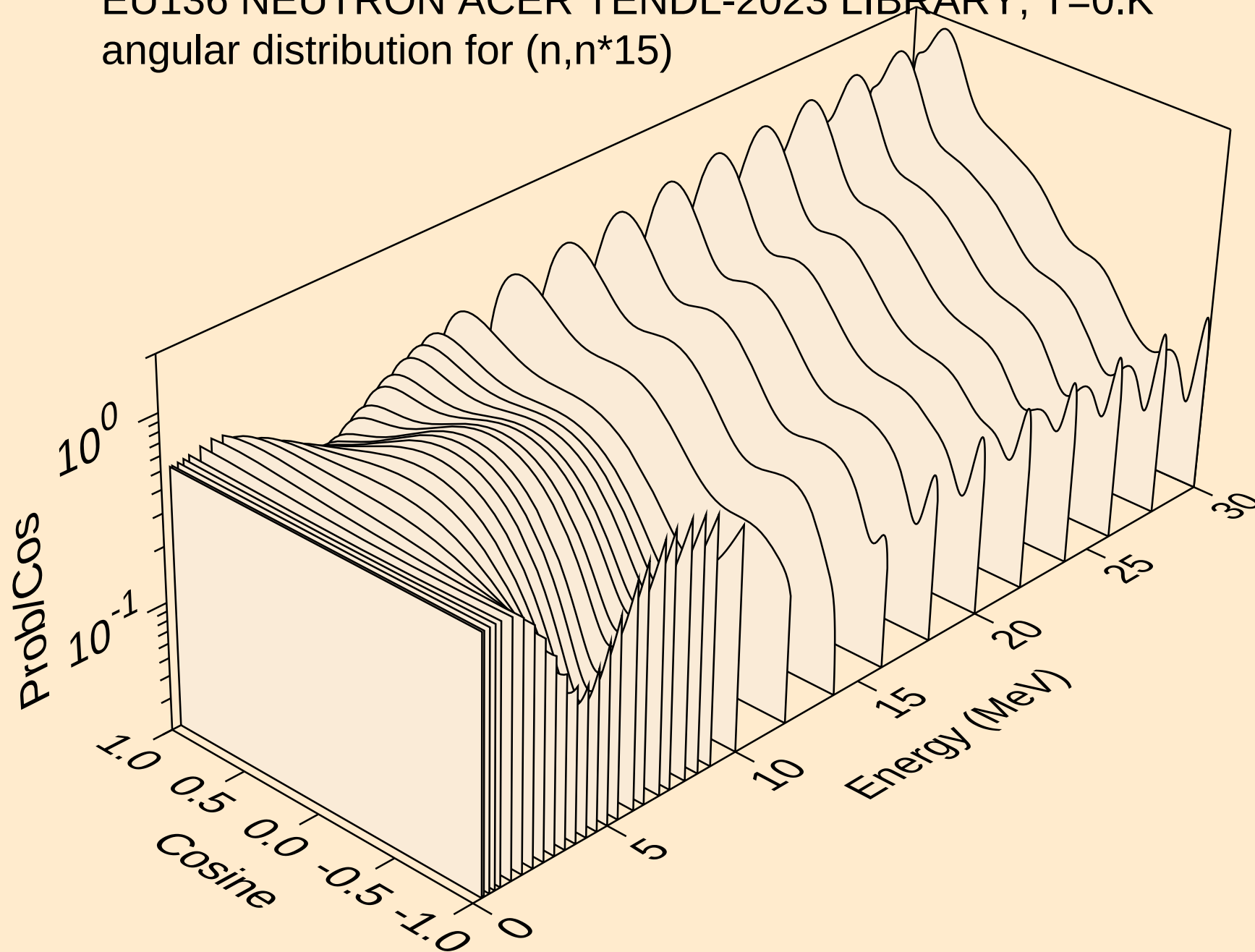
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angular distribution for (n,n*13)



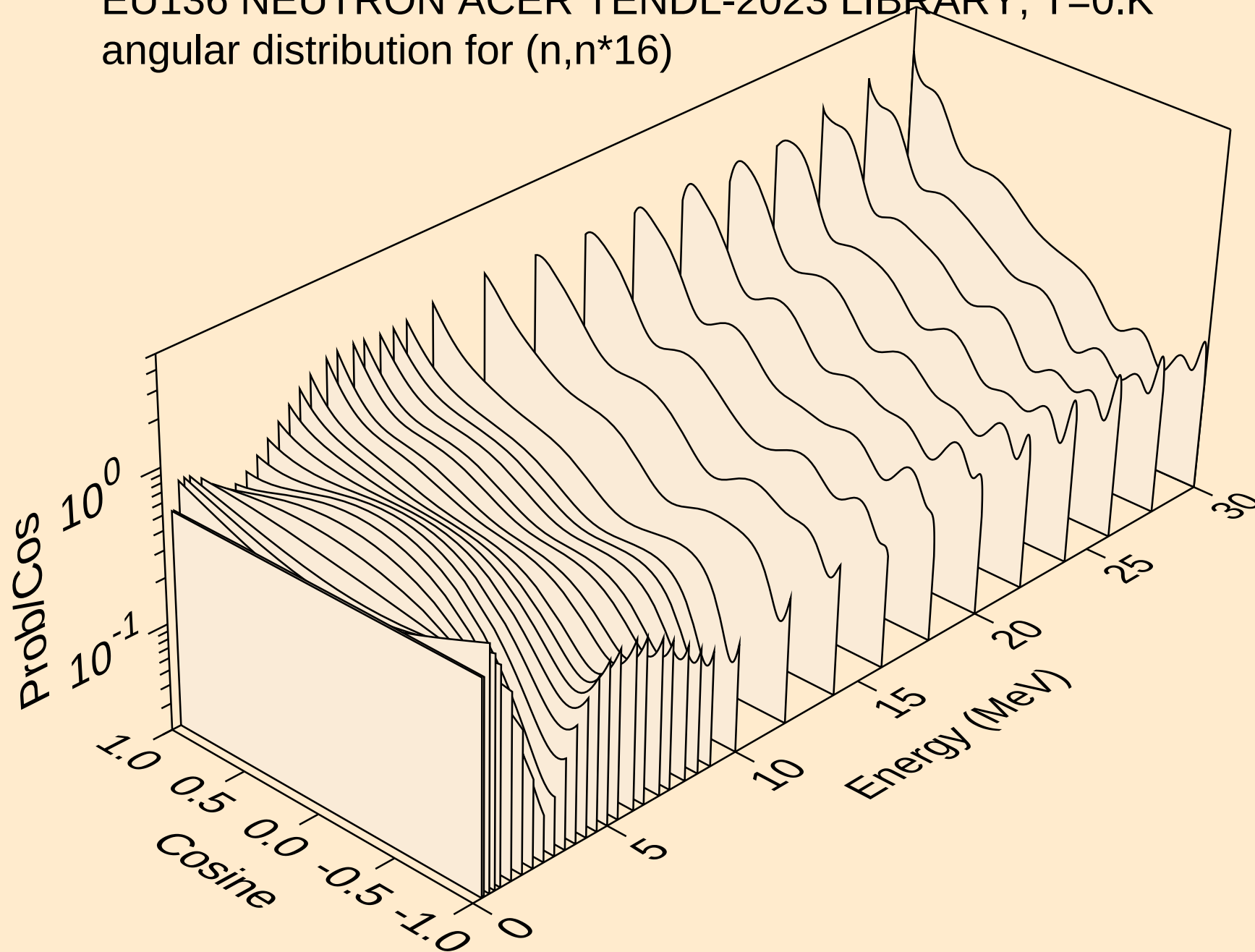
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



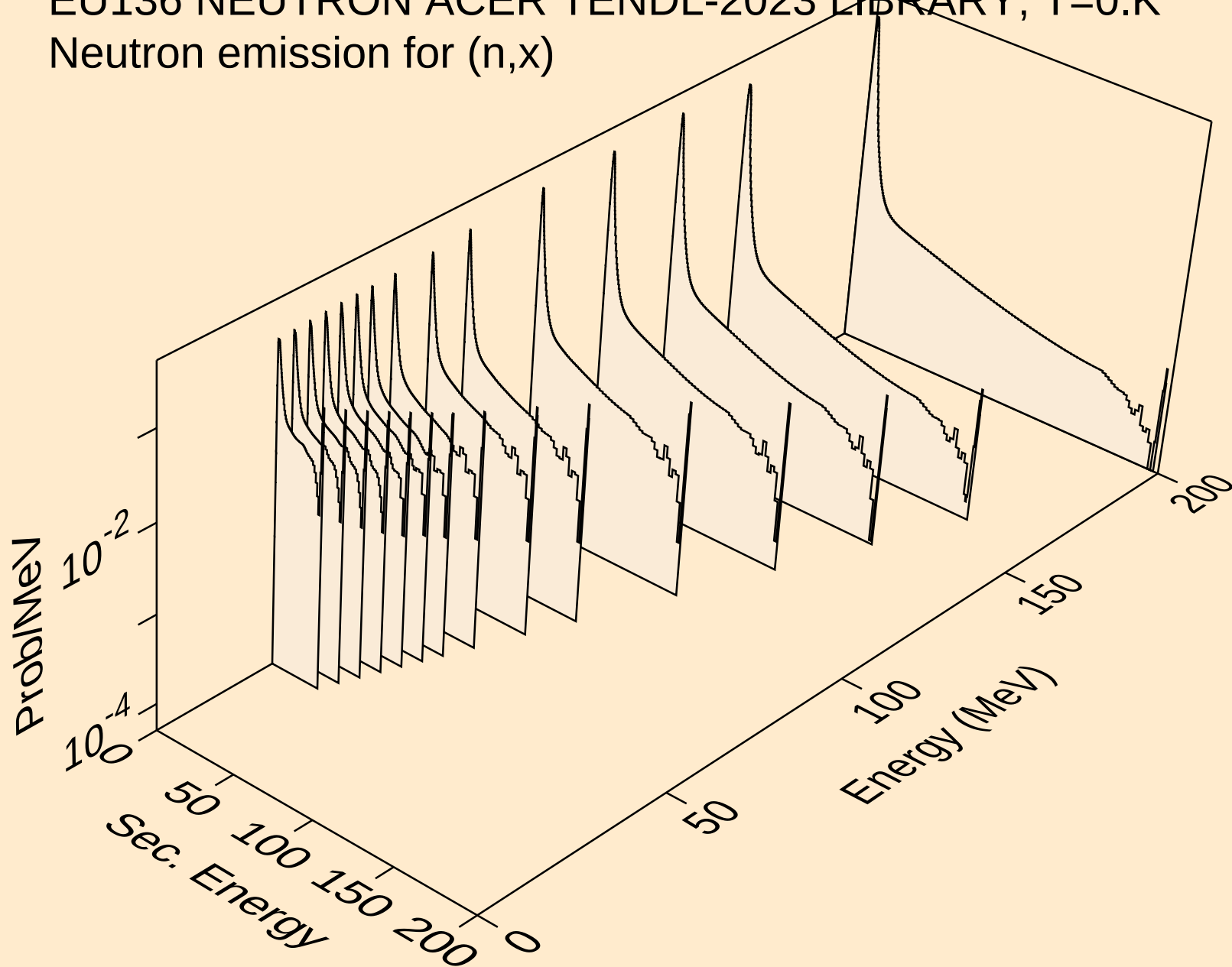
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



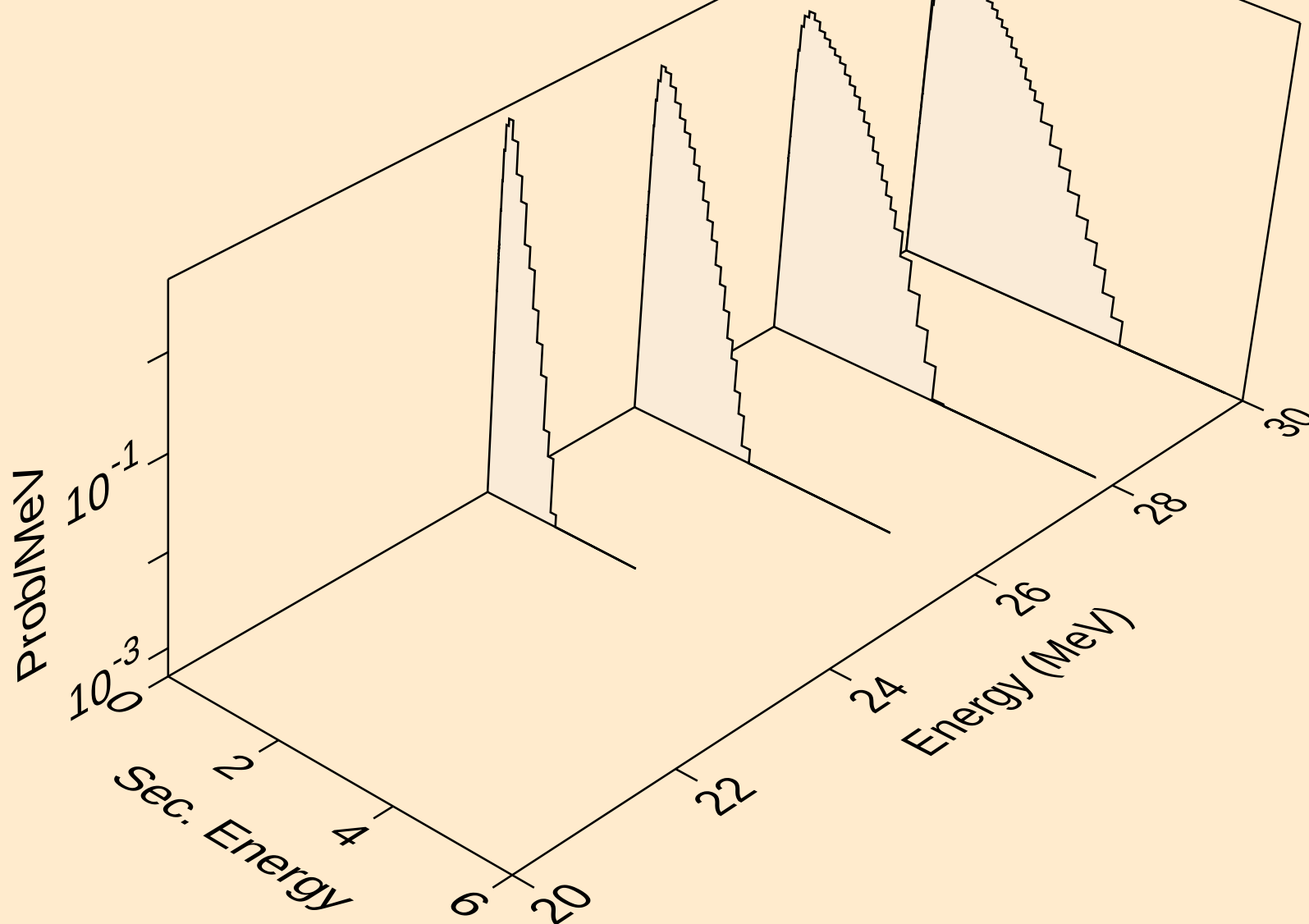
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angular distribution for (n,n*16)



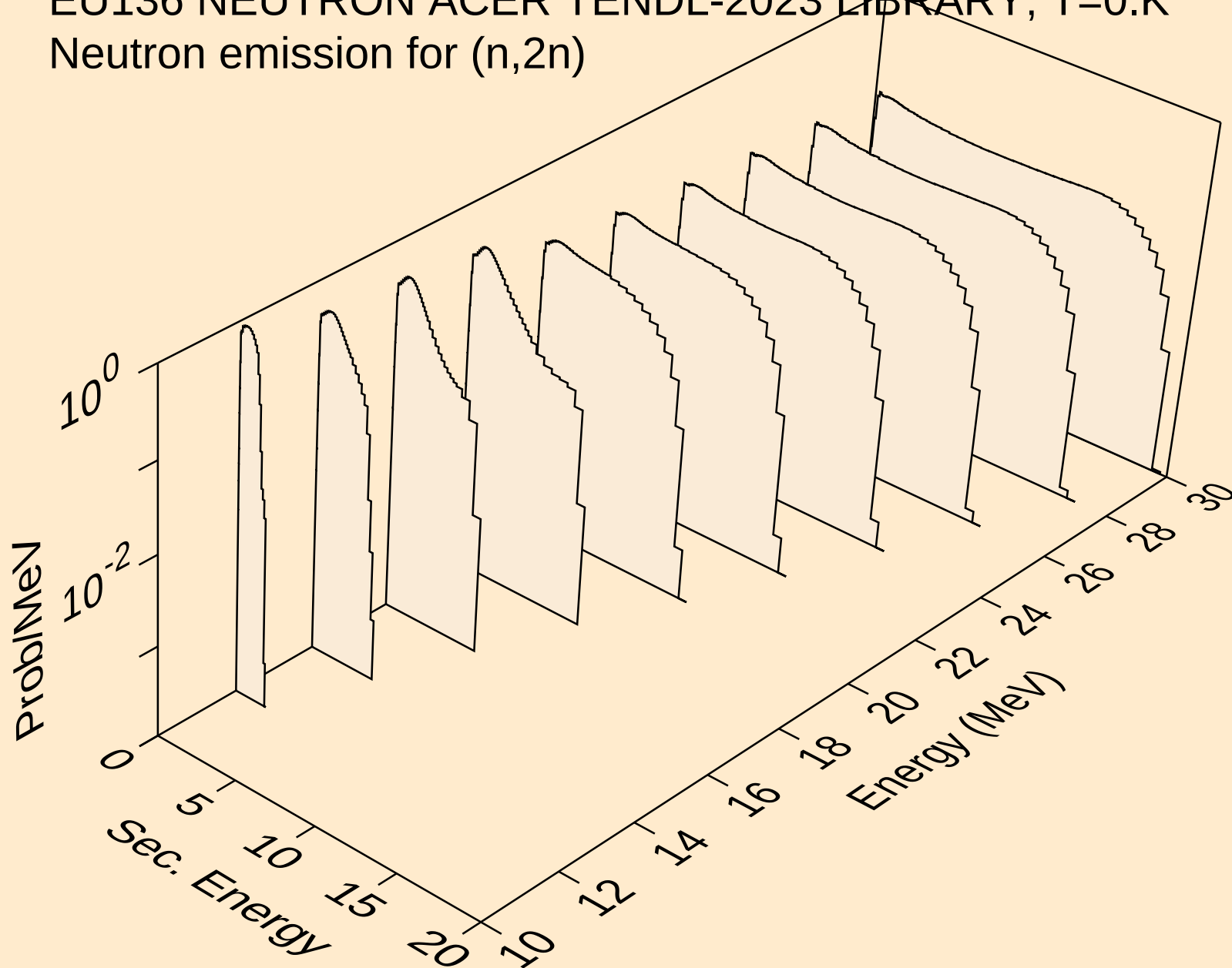
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



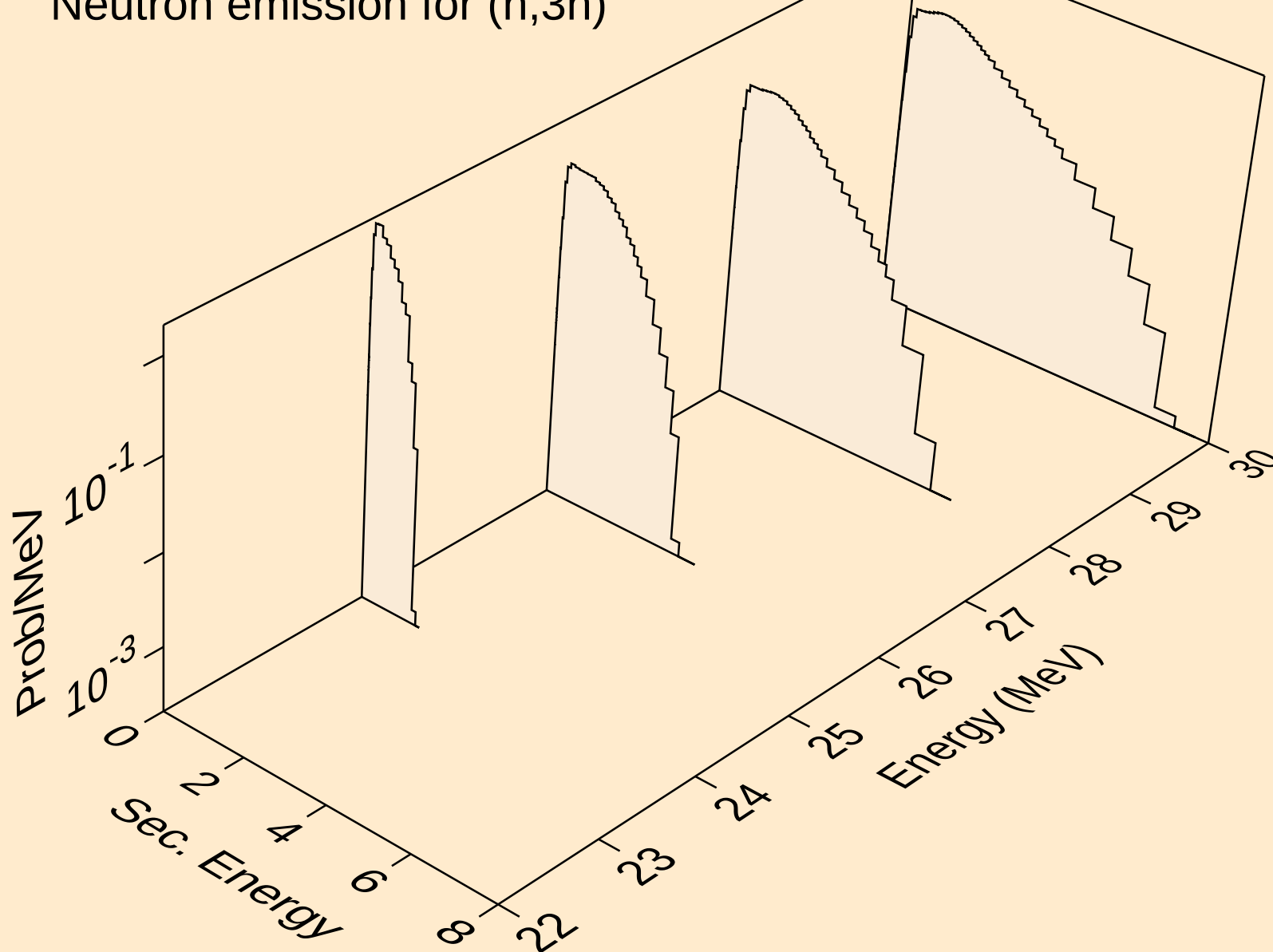
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



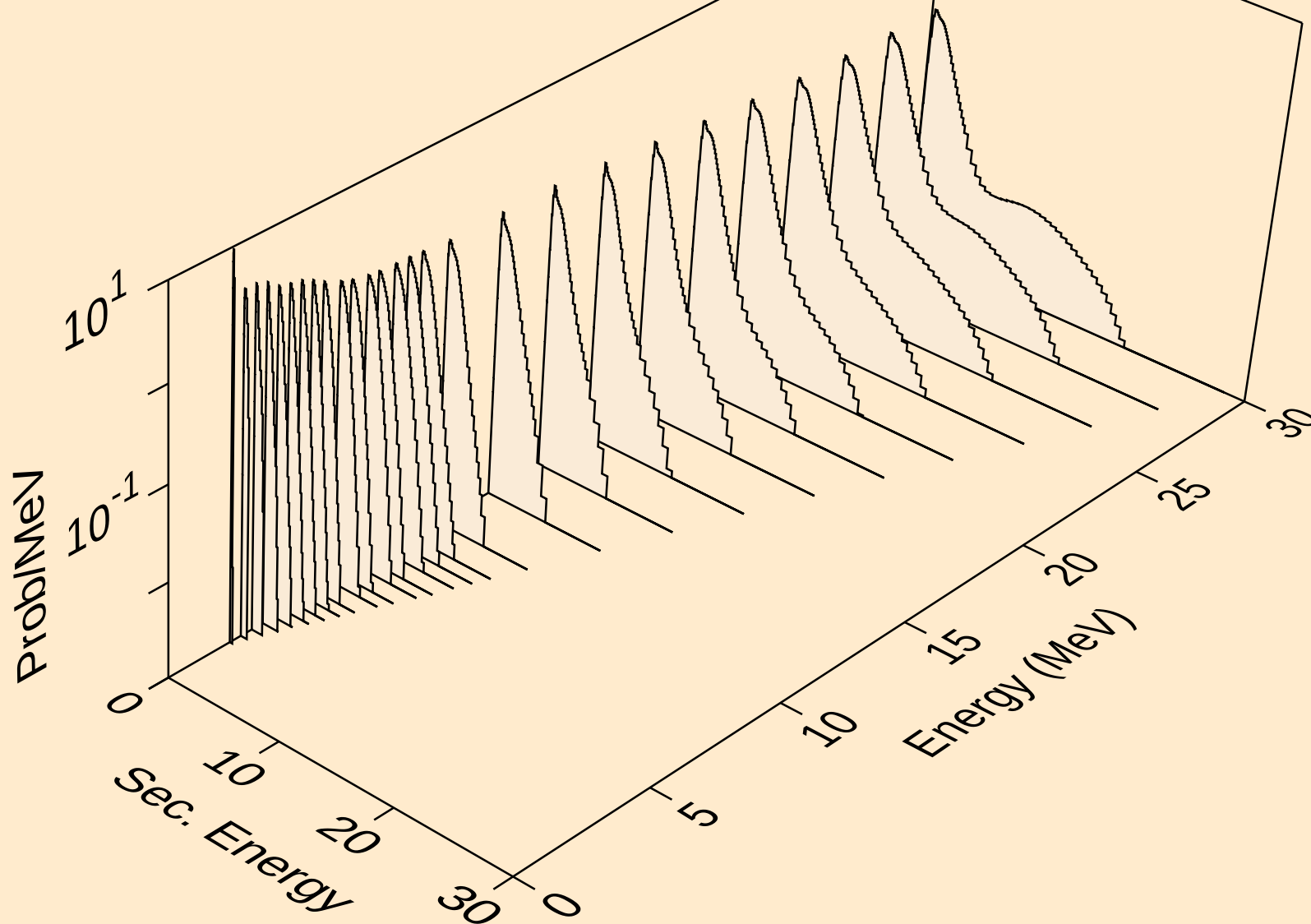
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



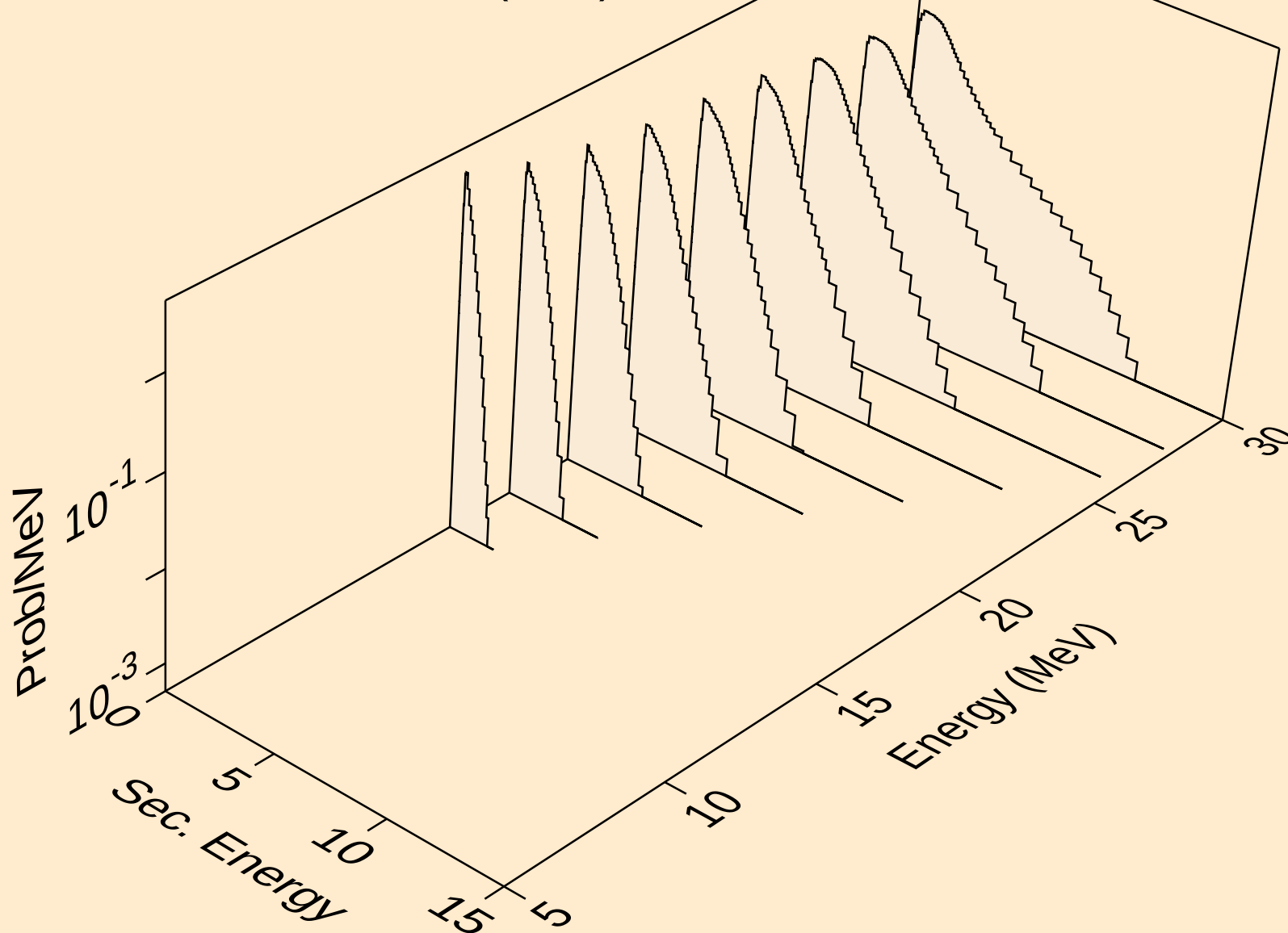
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a

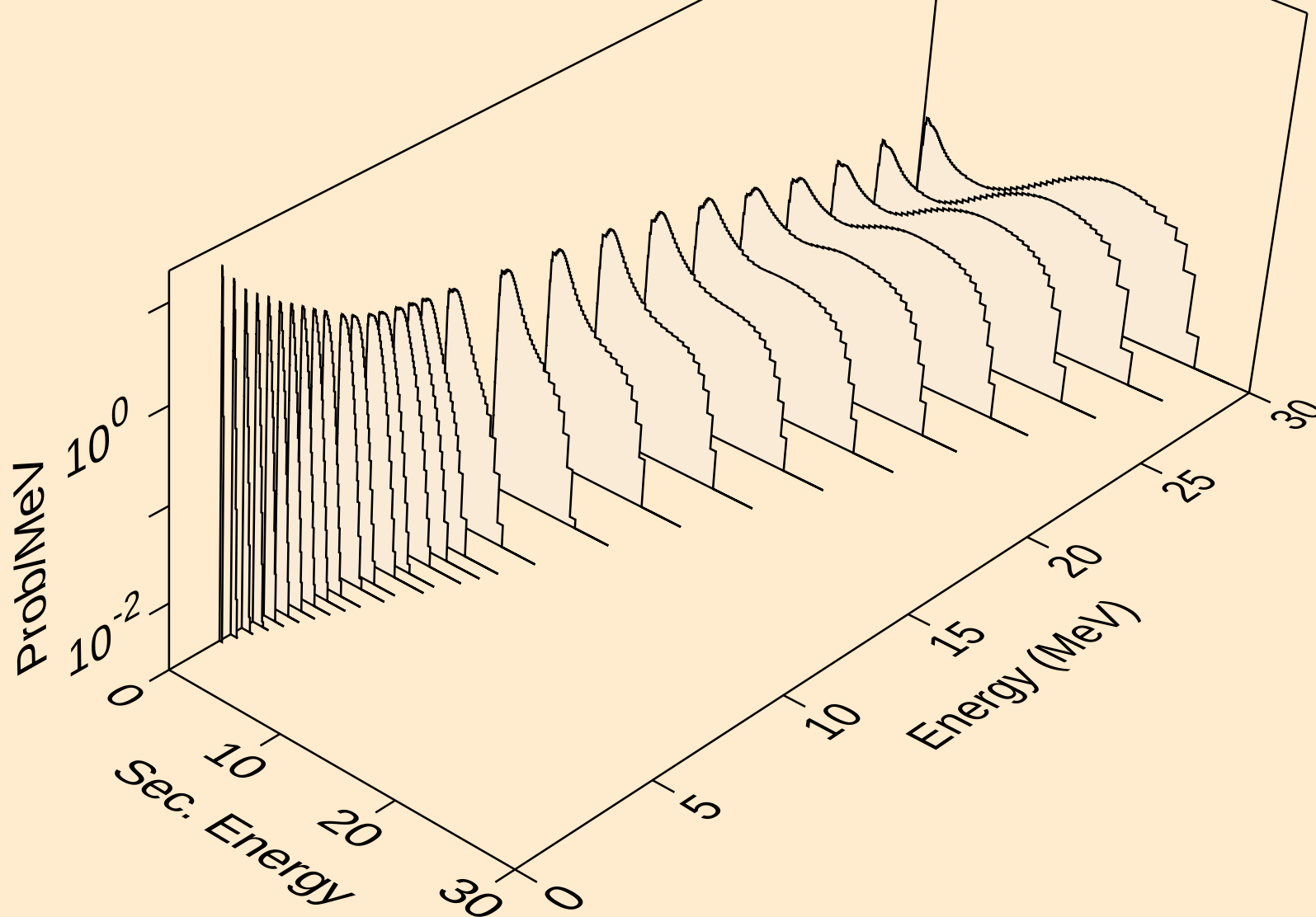


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



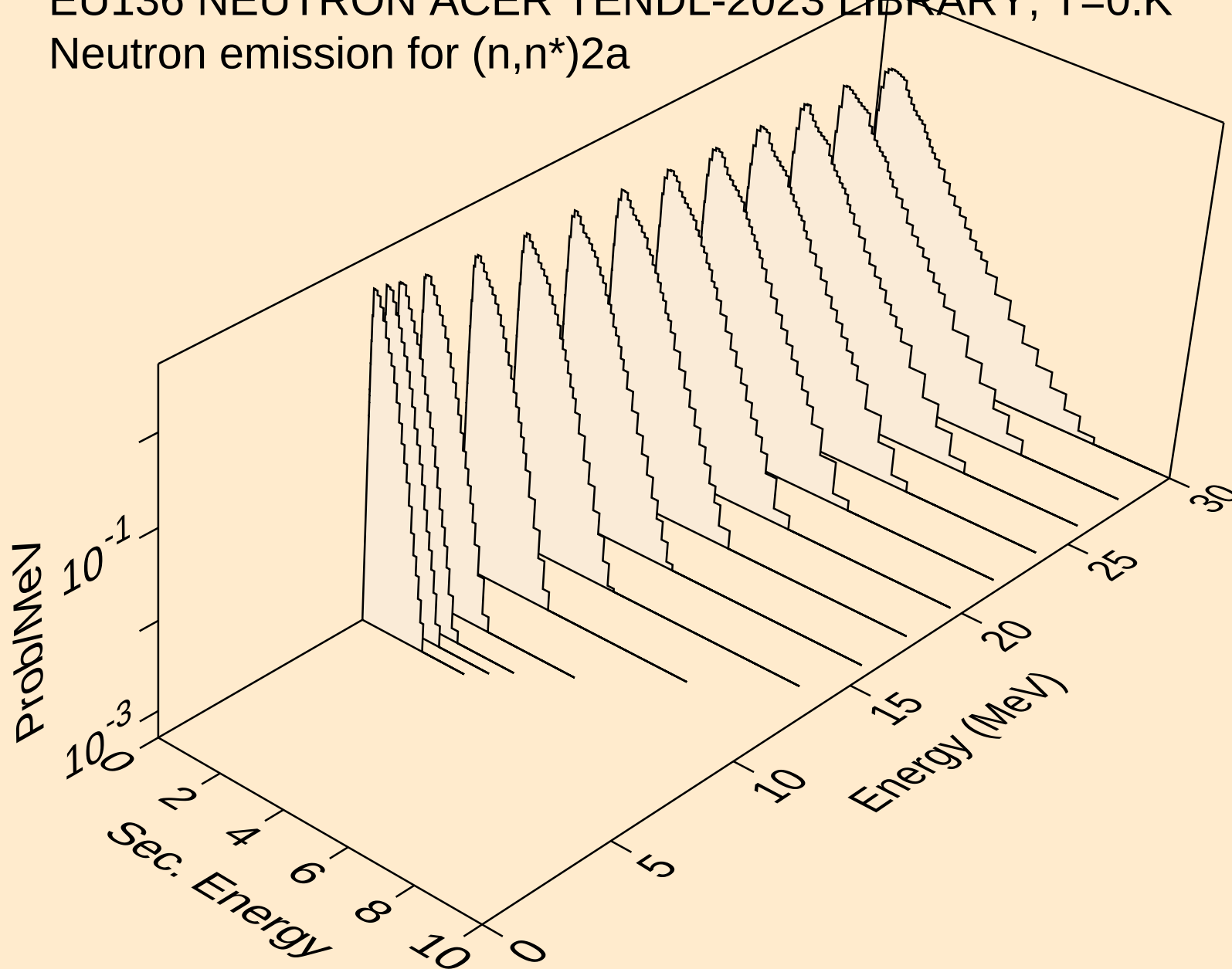
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p

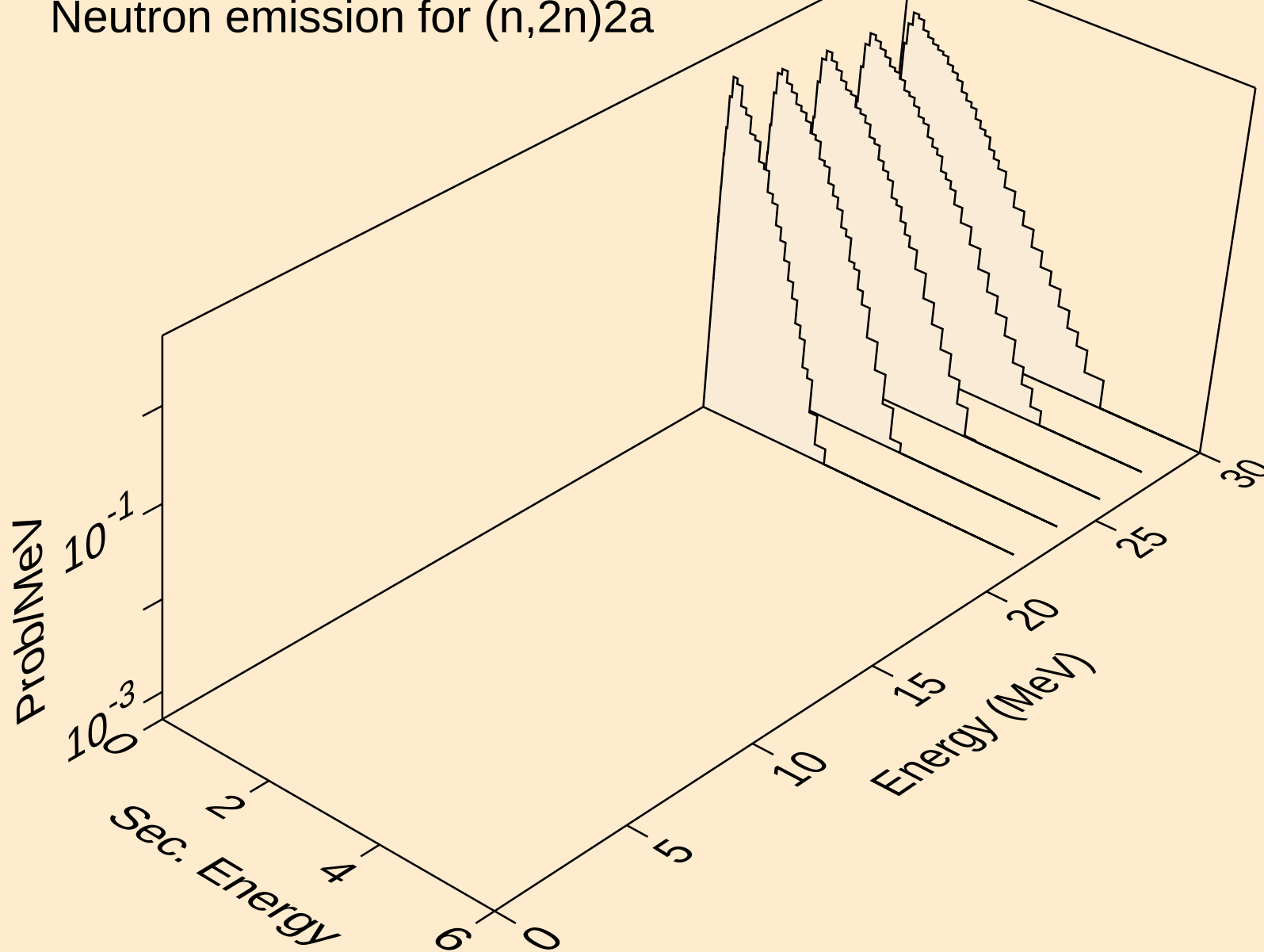


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

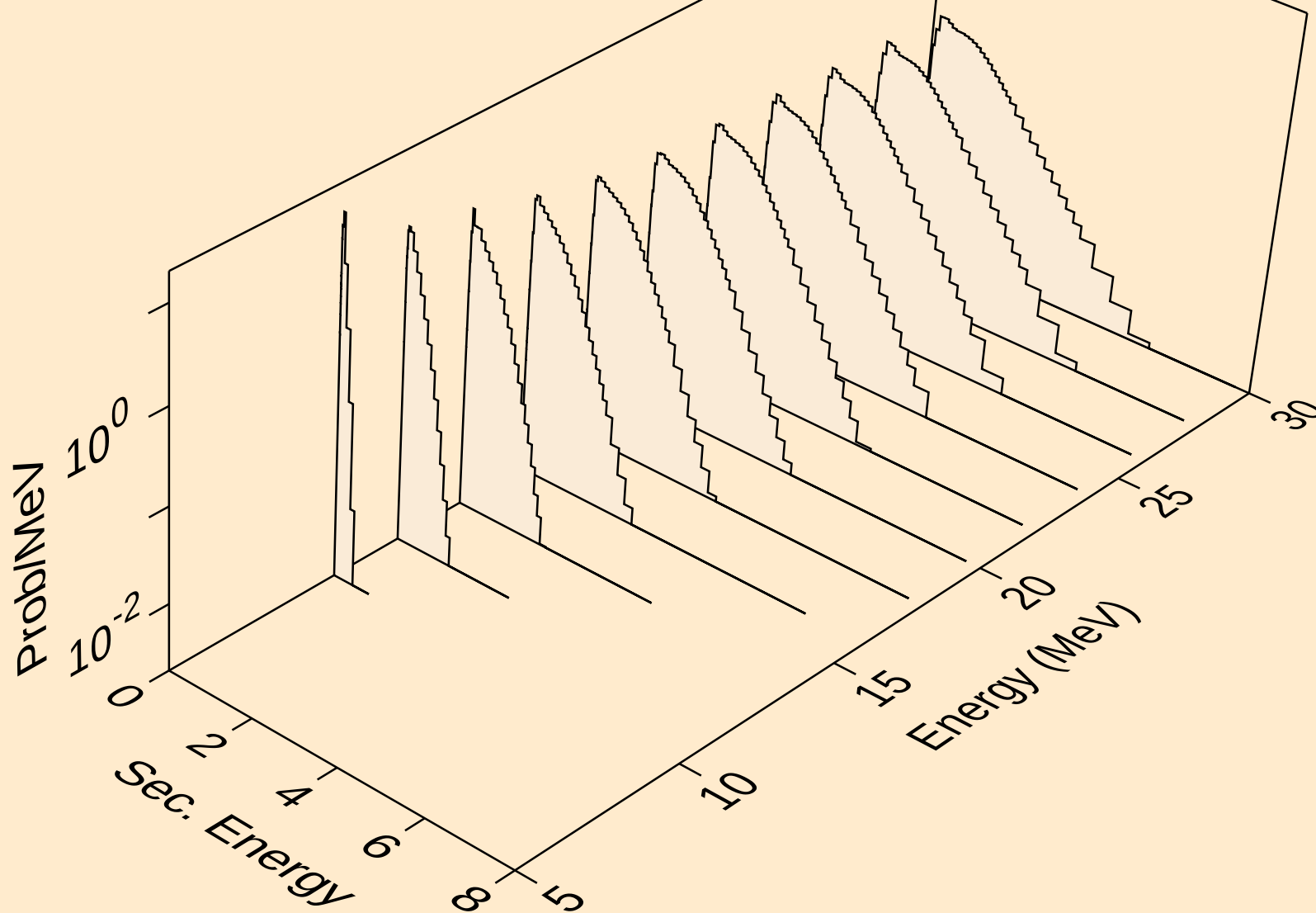
Neutron emission for (n,n*)2a



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a

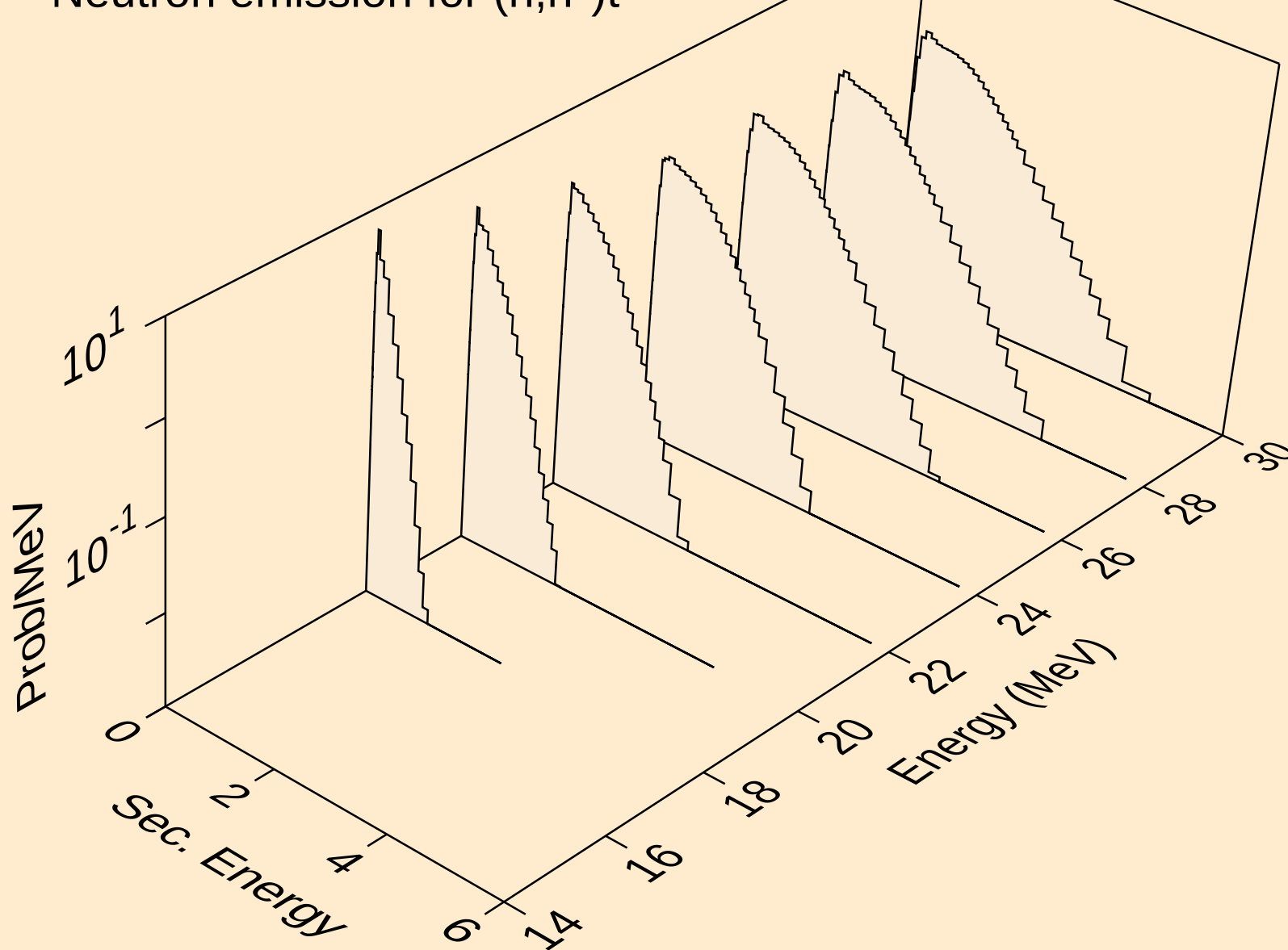


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

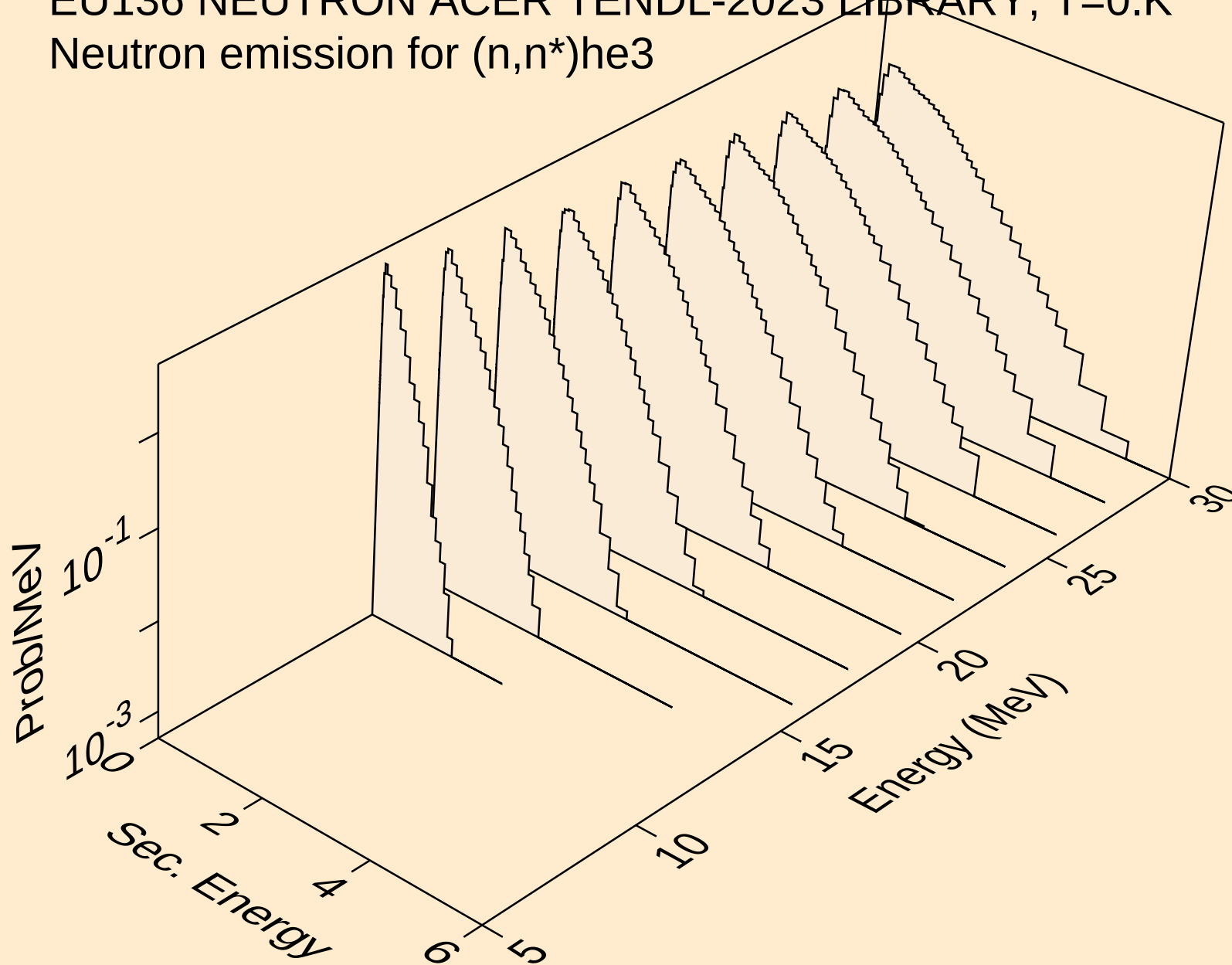


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

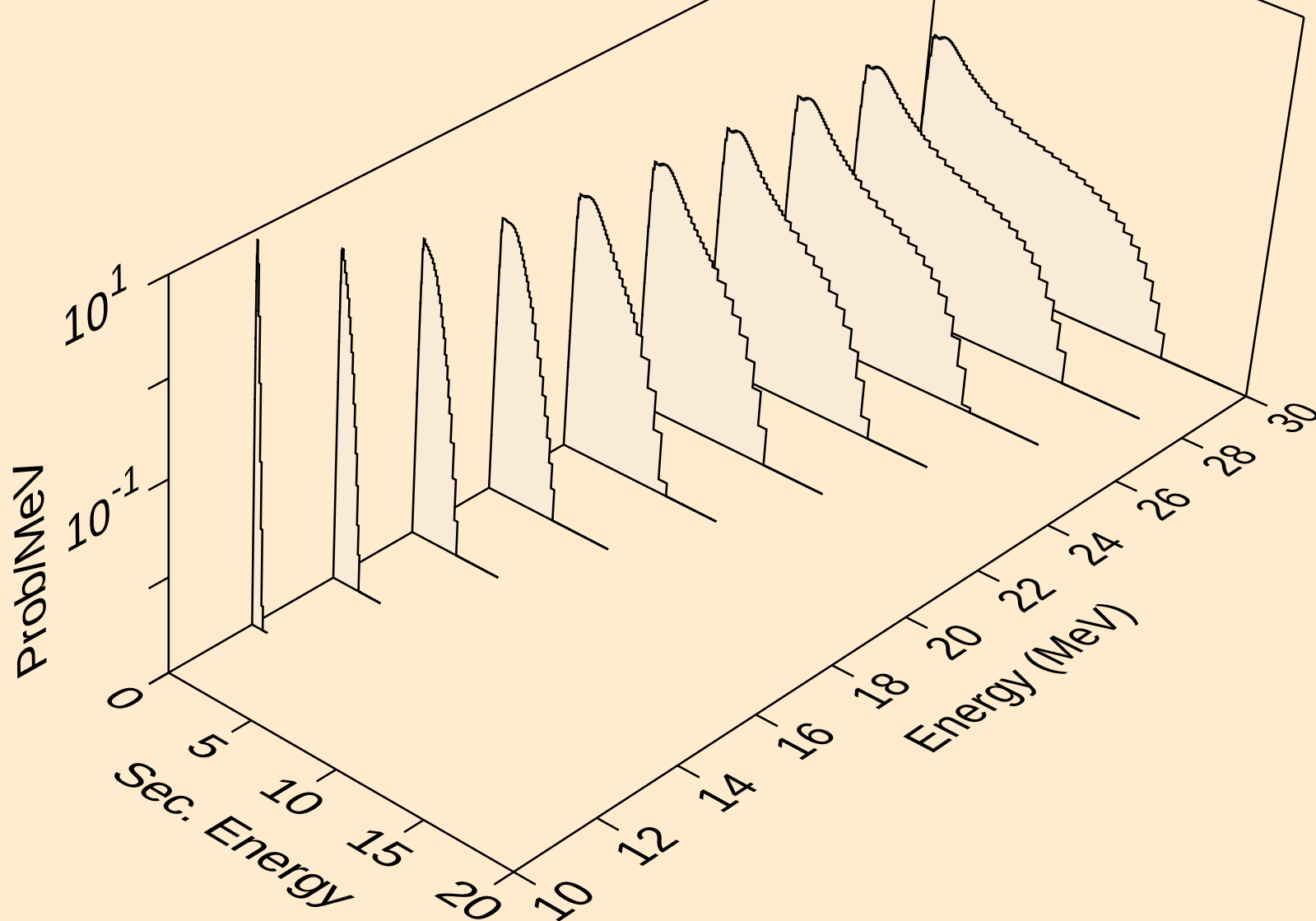
Neutron emission for (n,n*)t



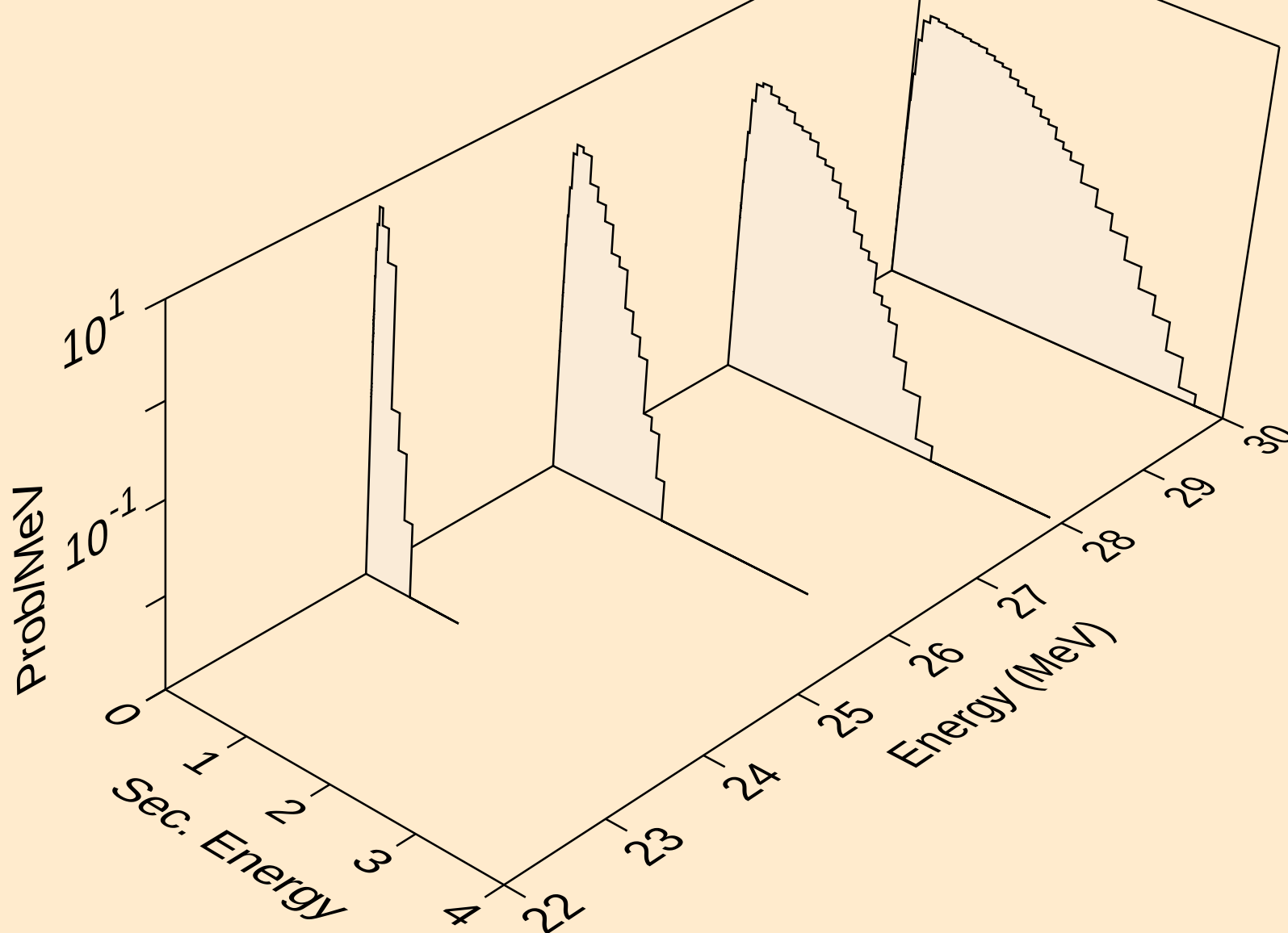
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



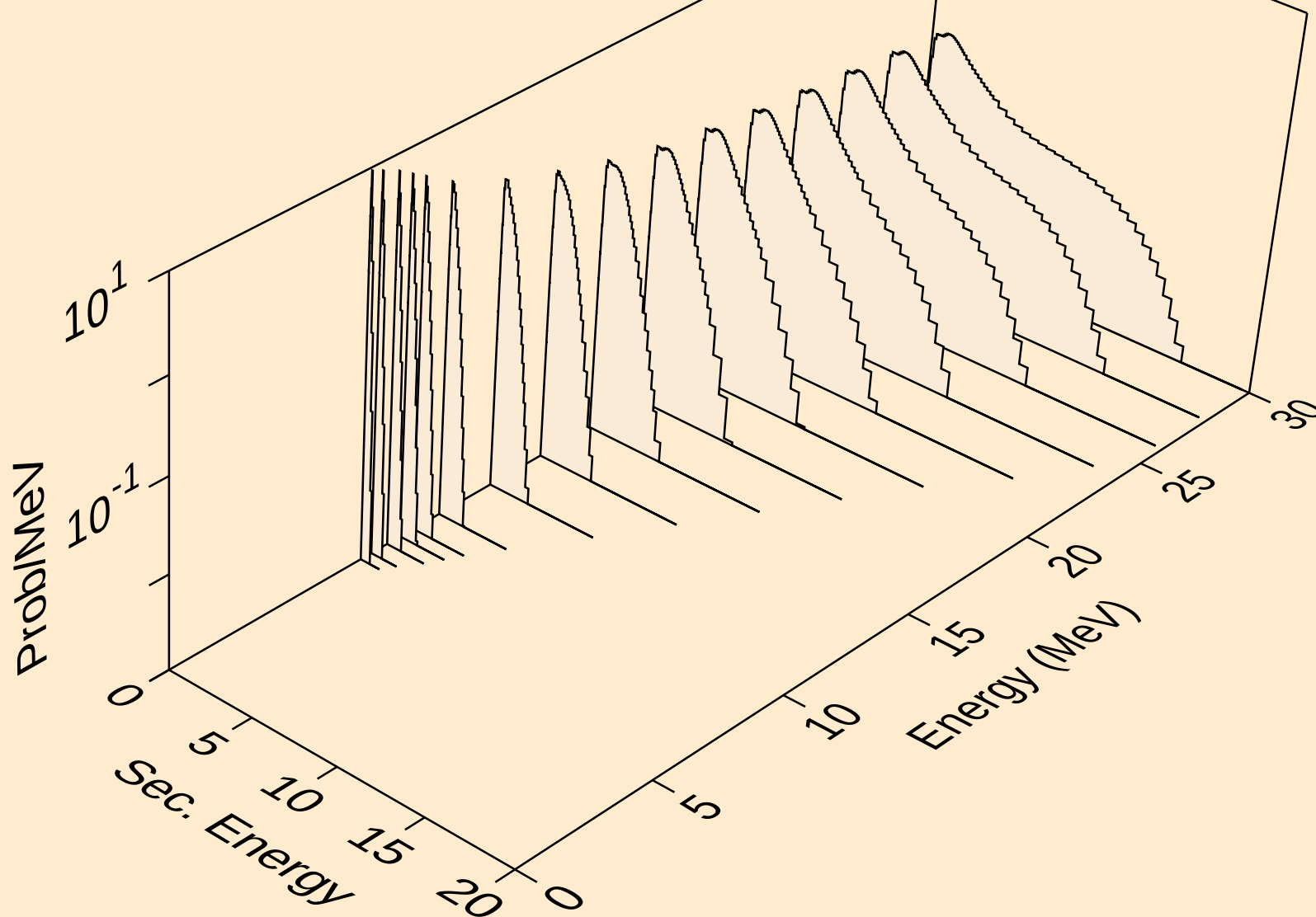
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



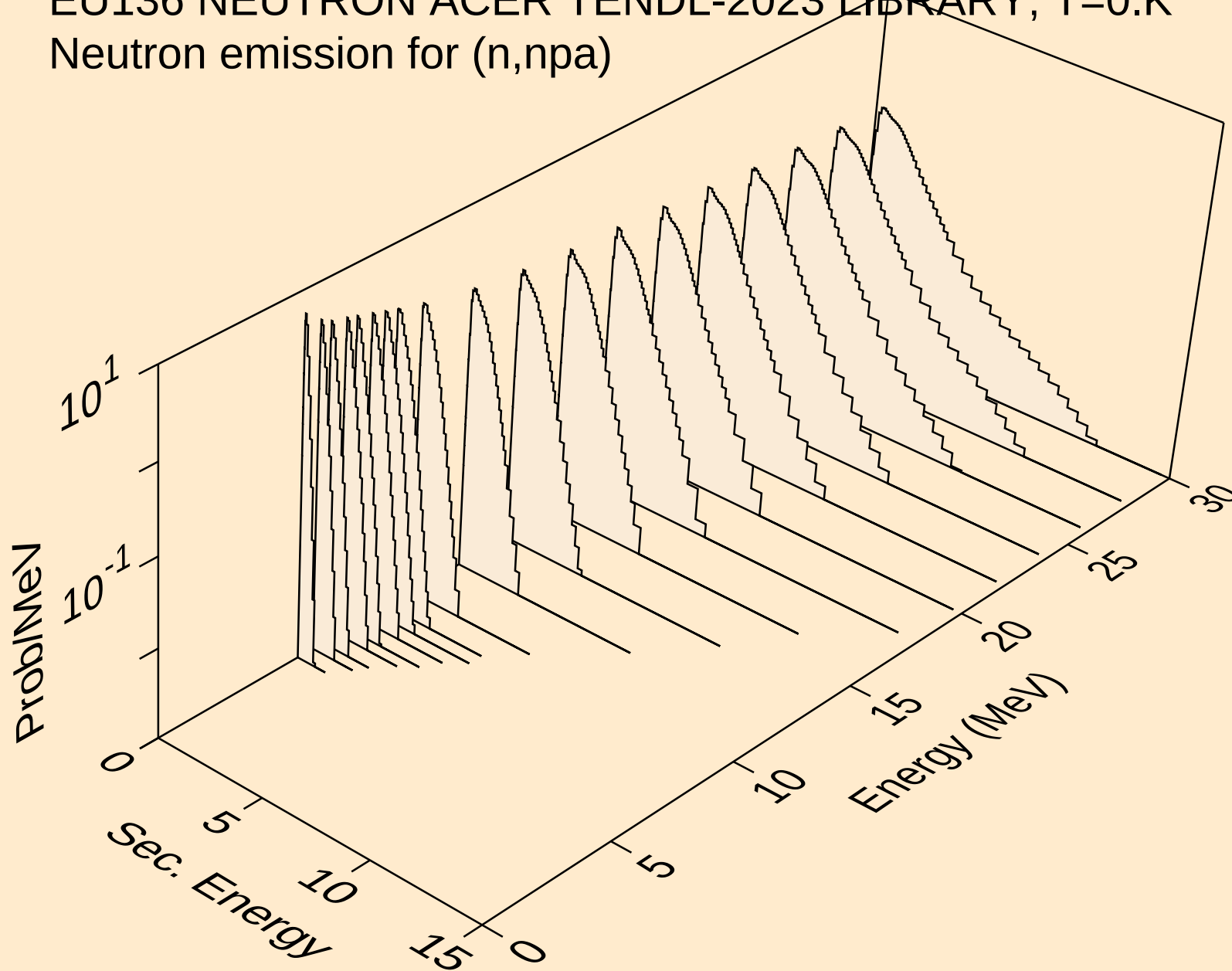
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



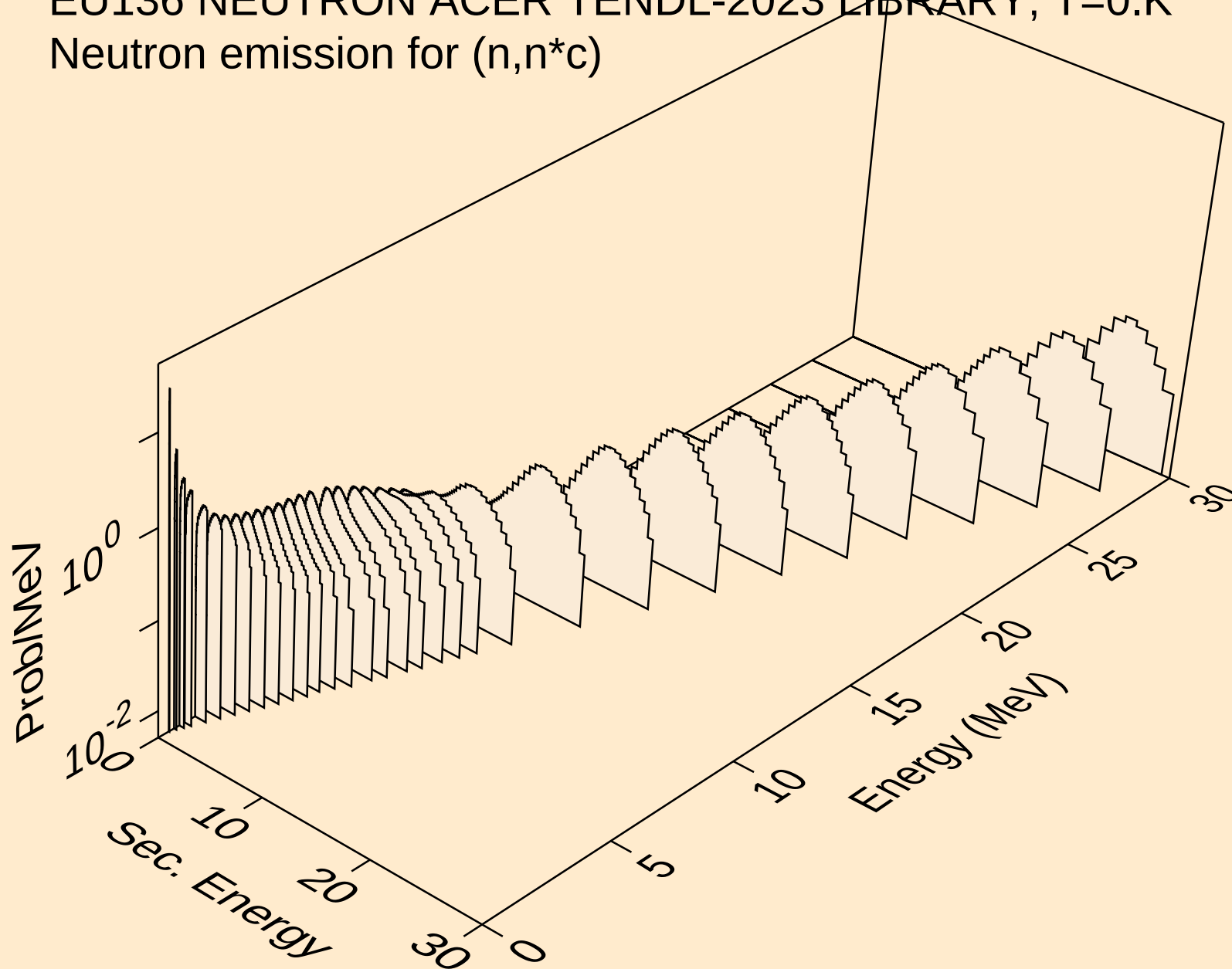
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



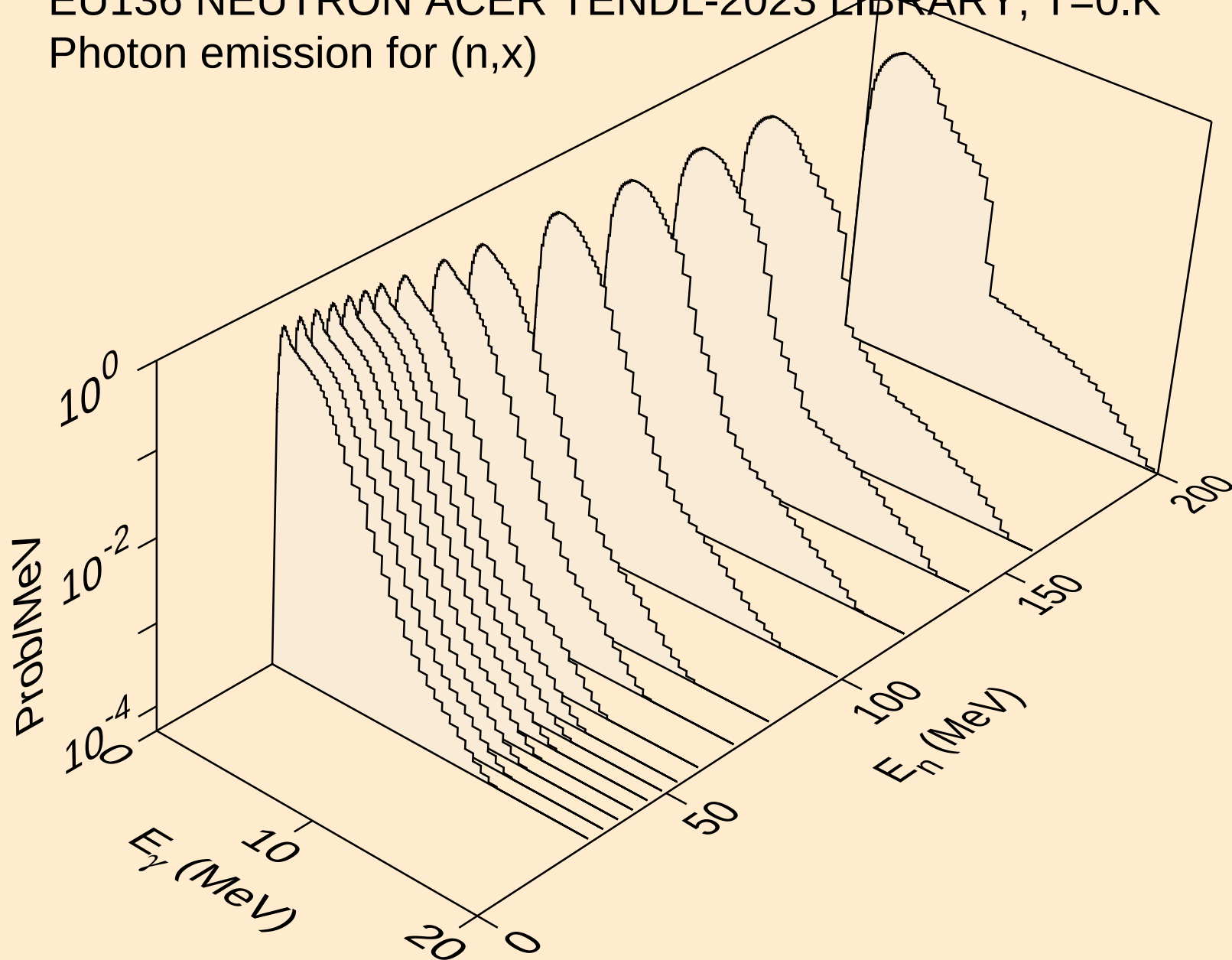
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



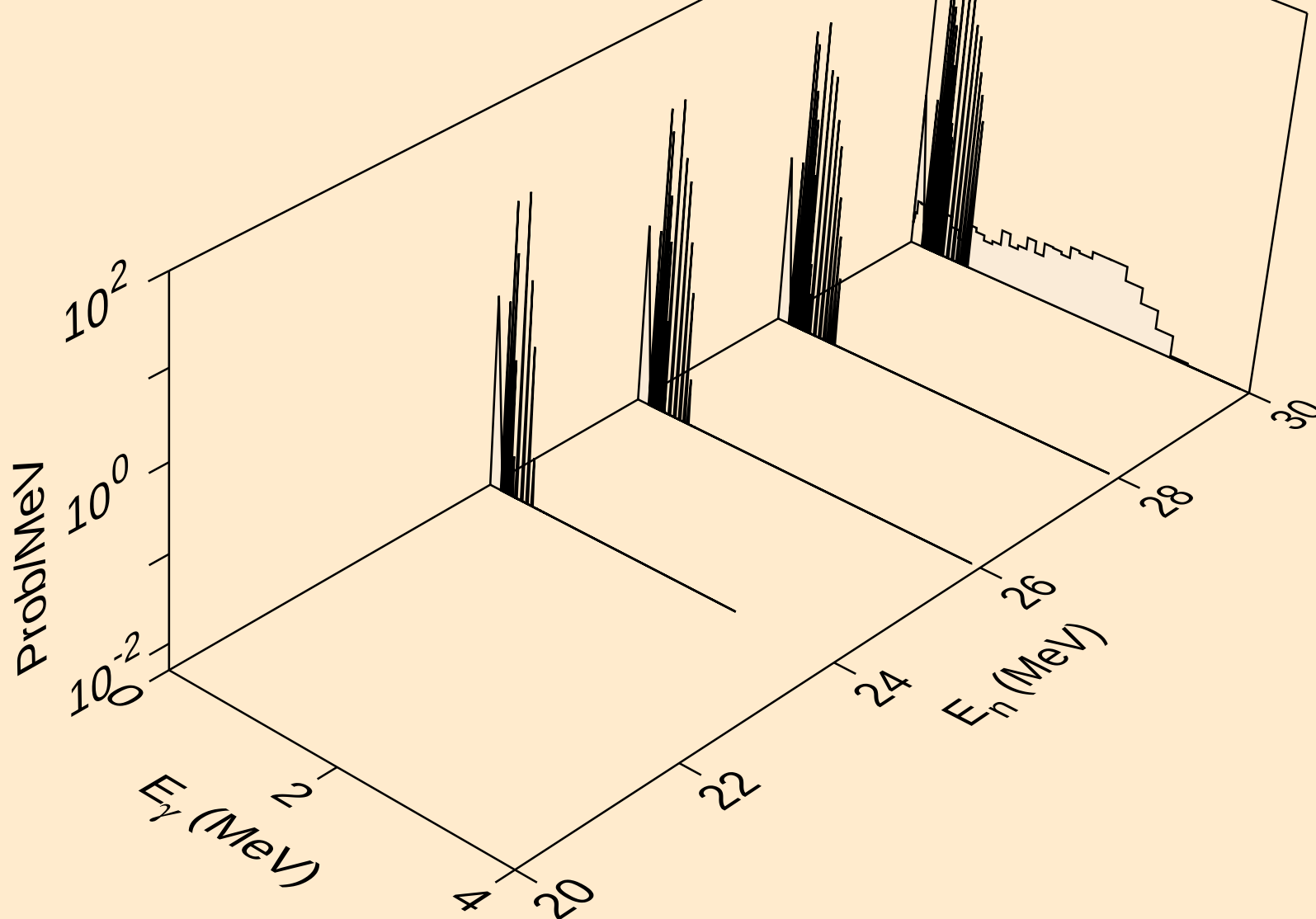
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Neutron emission for (n,n*c)



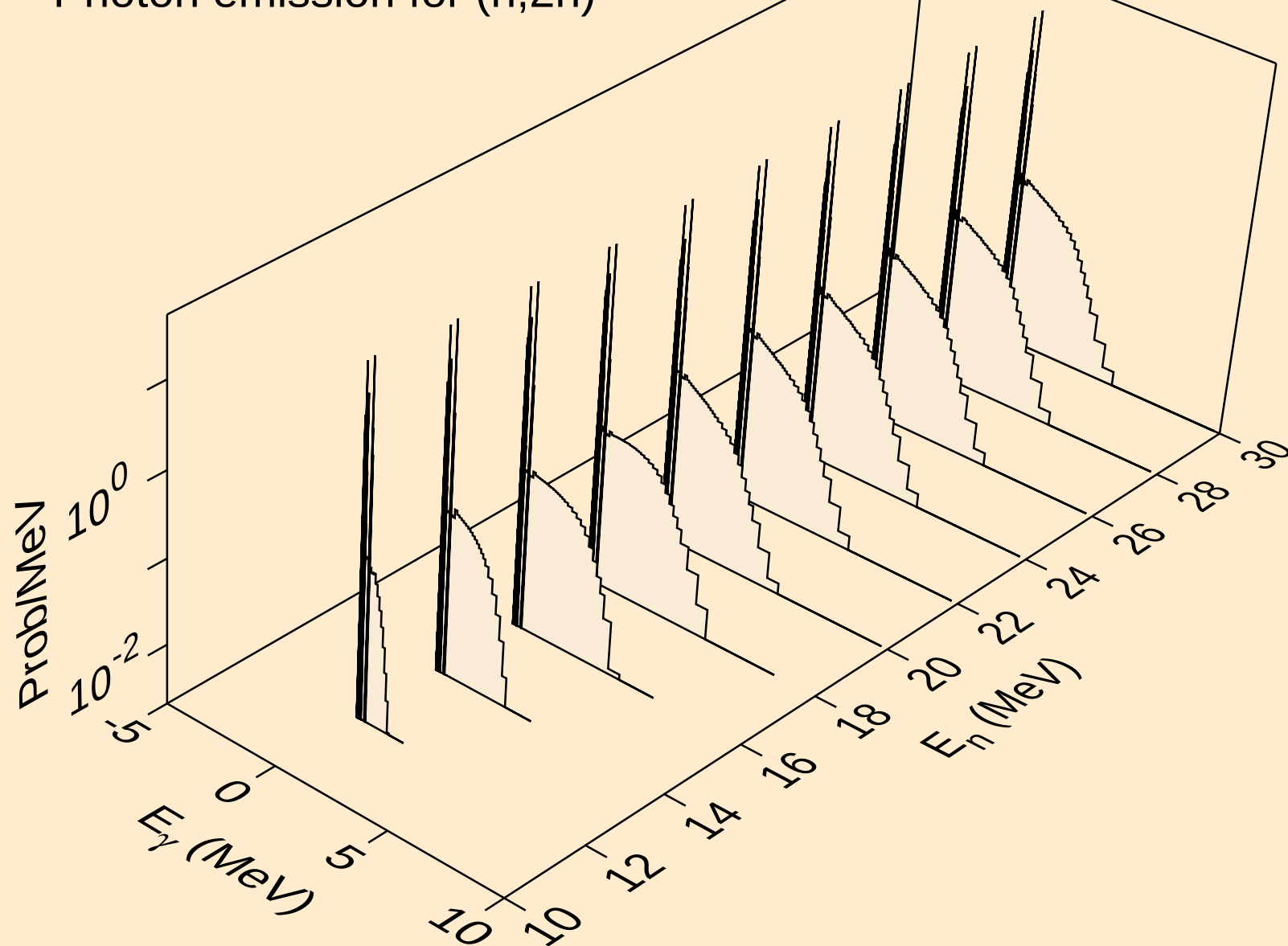
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



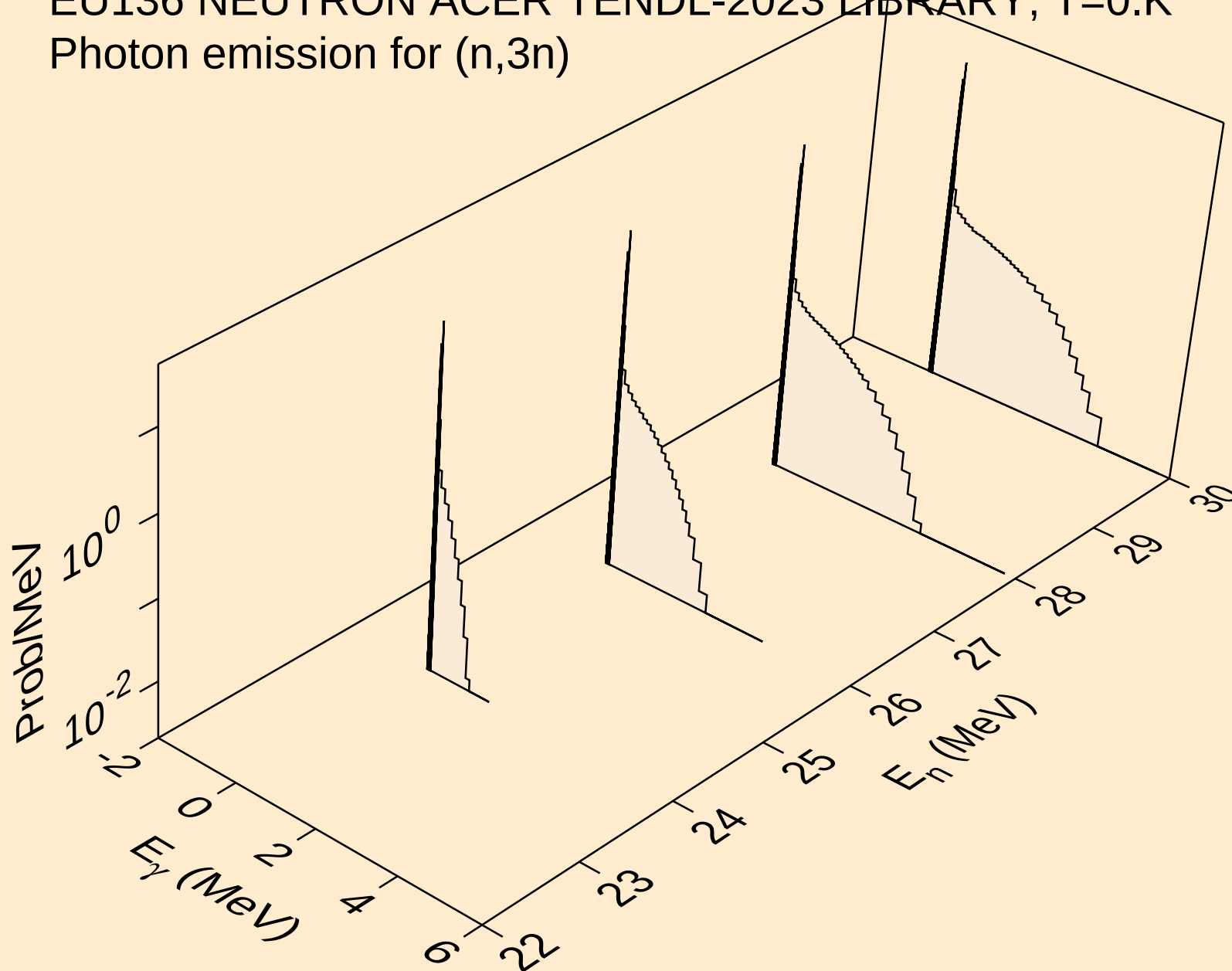
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

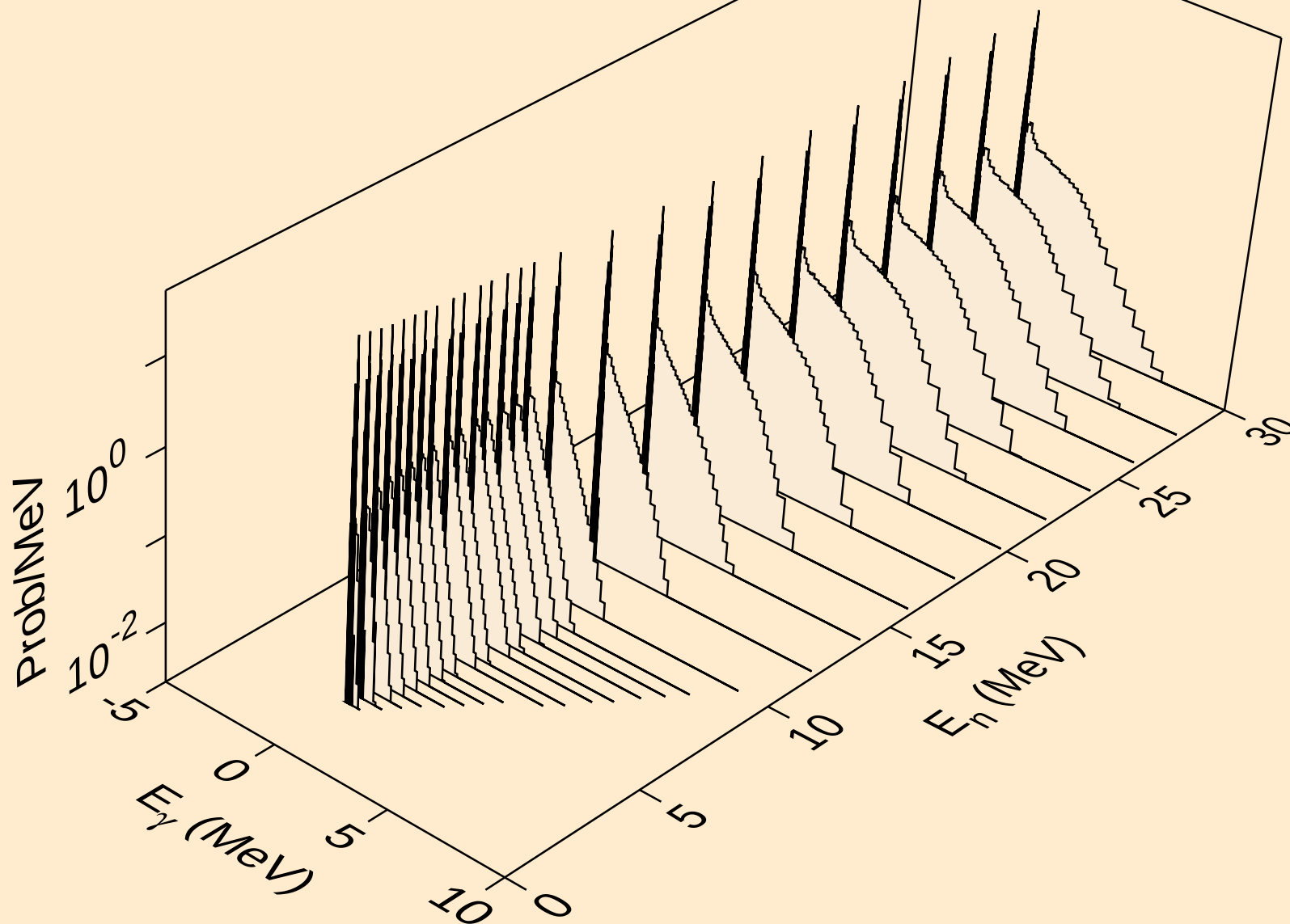


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



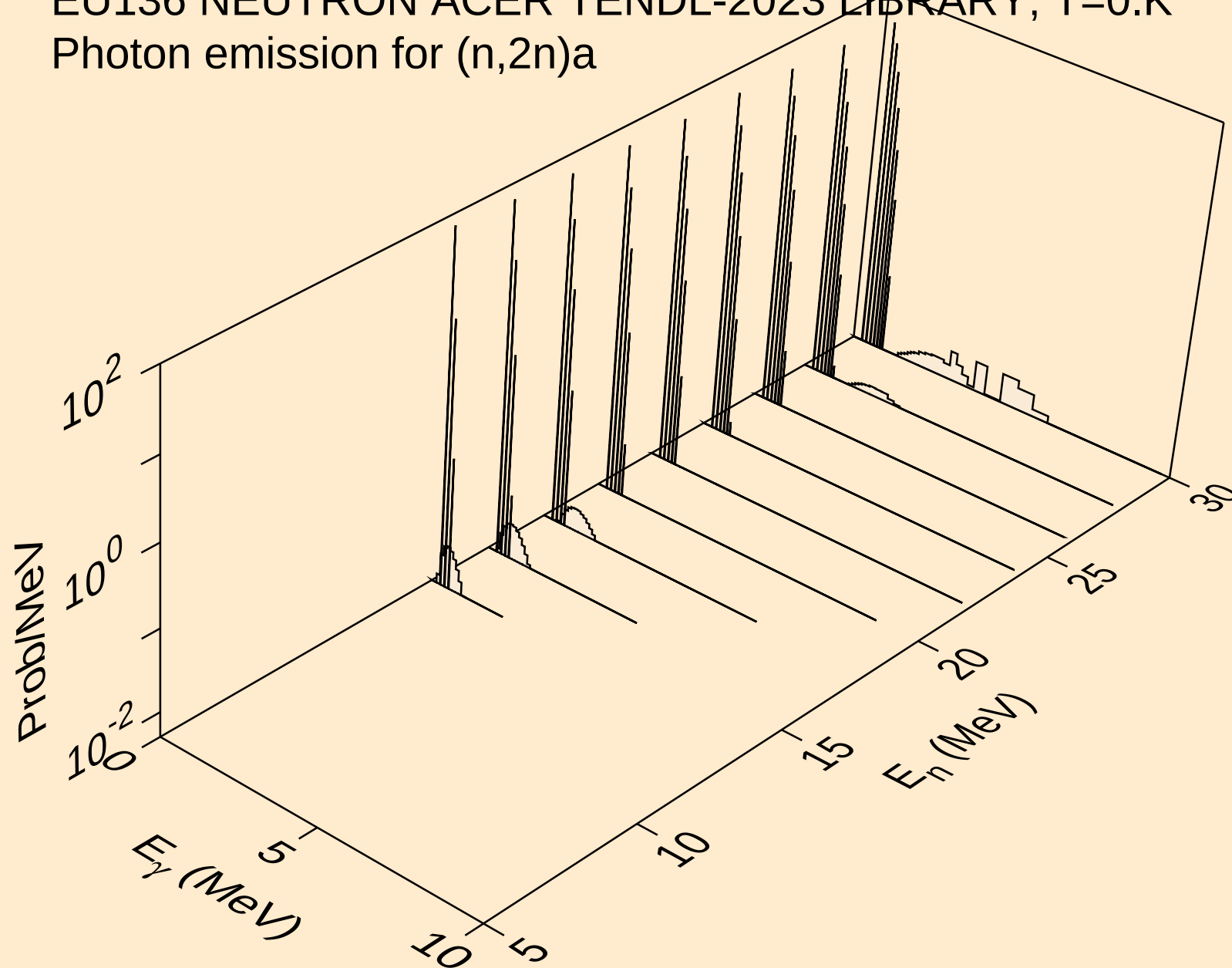
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



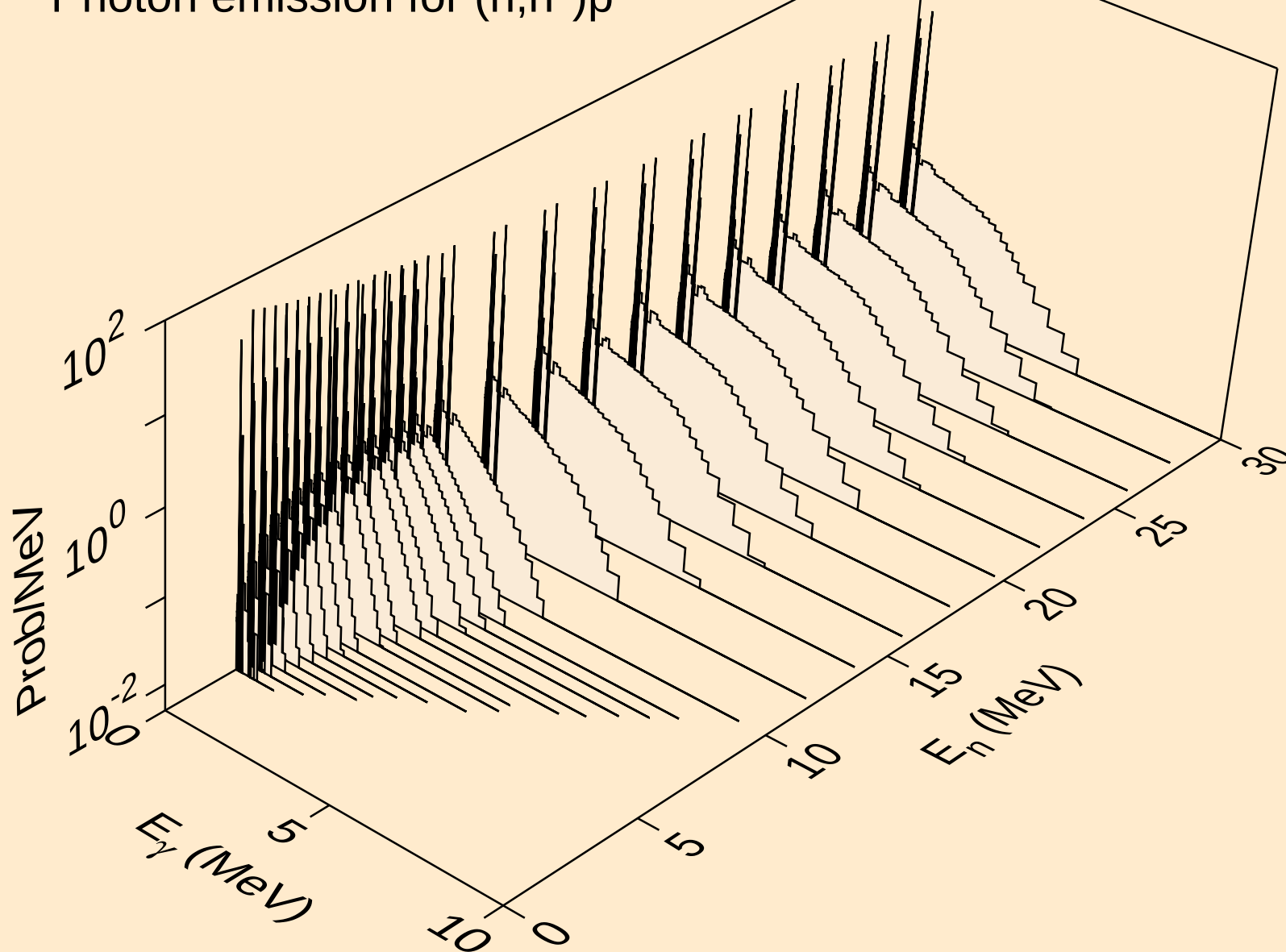
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

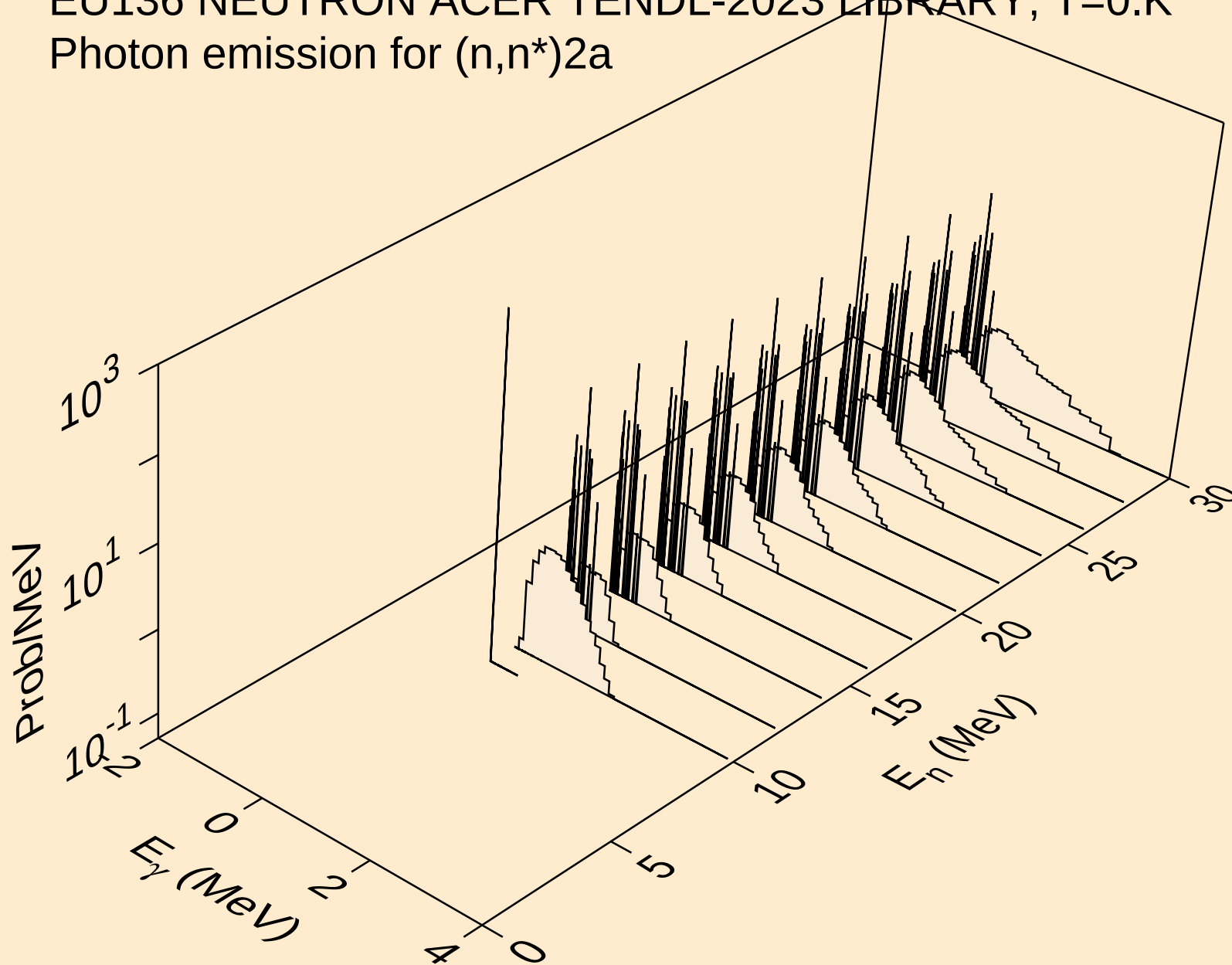


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p

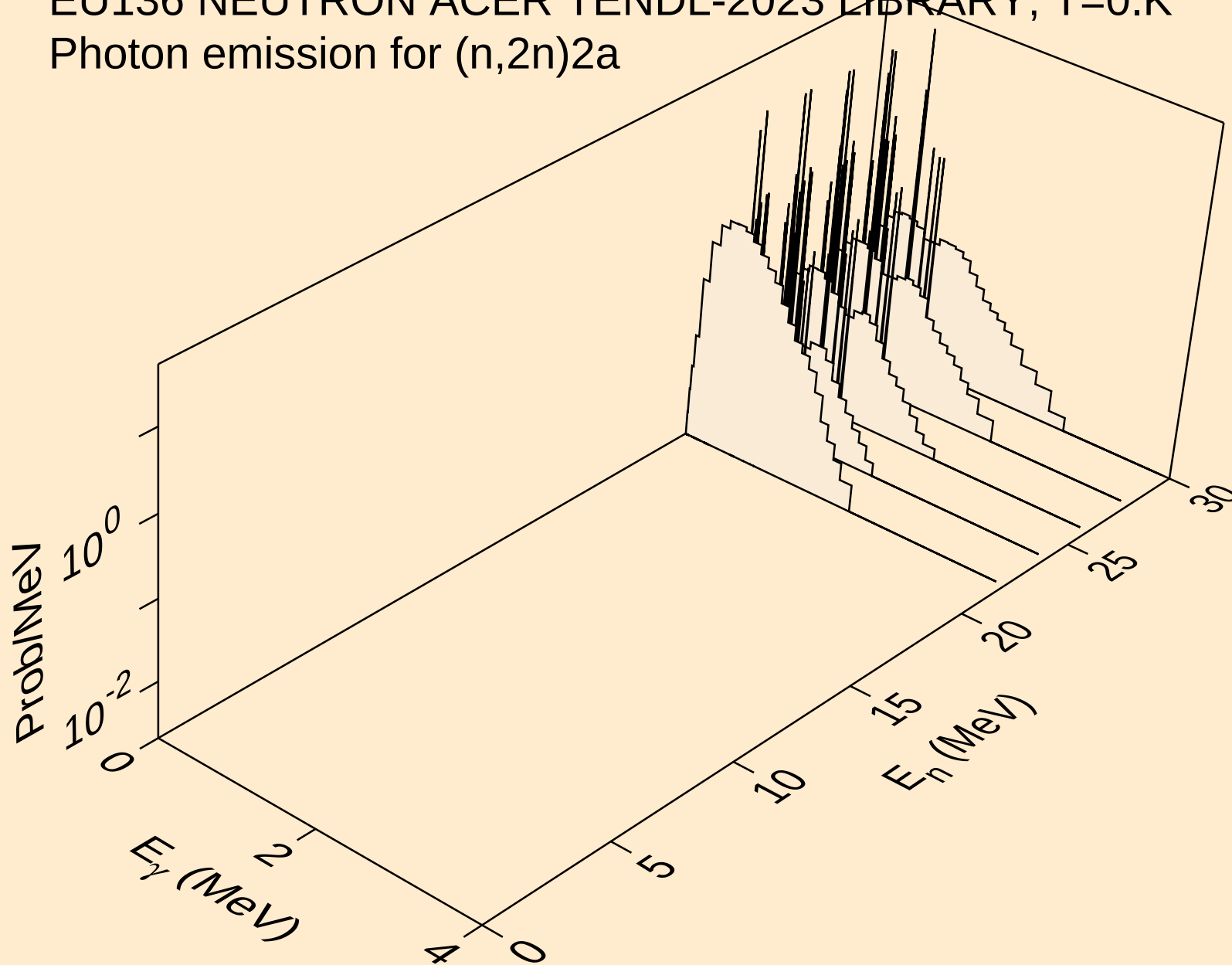


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



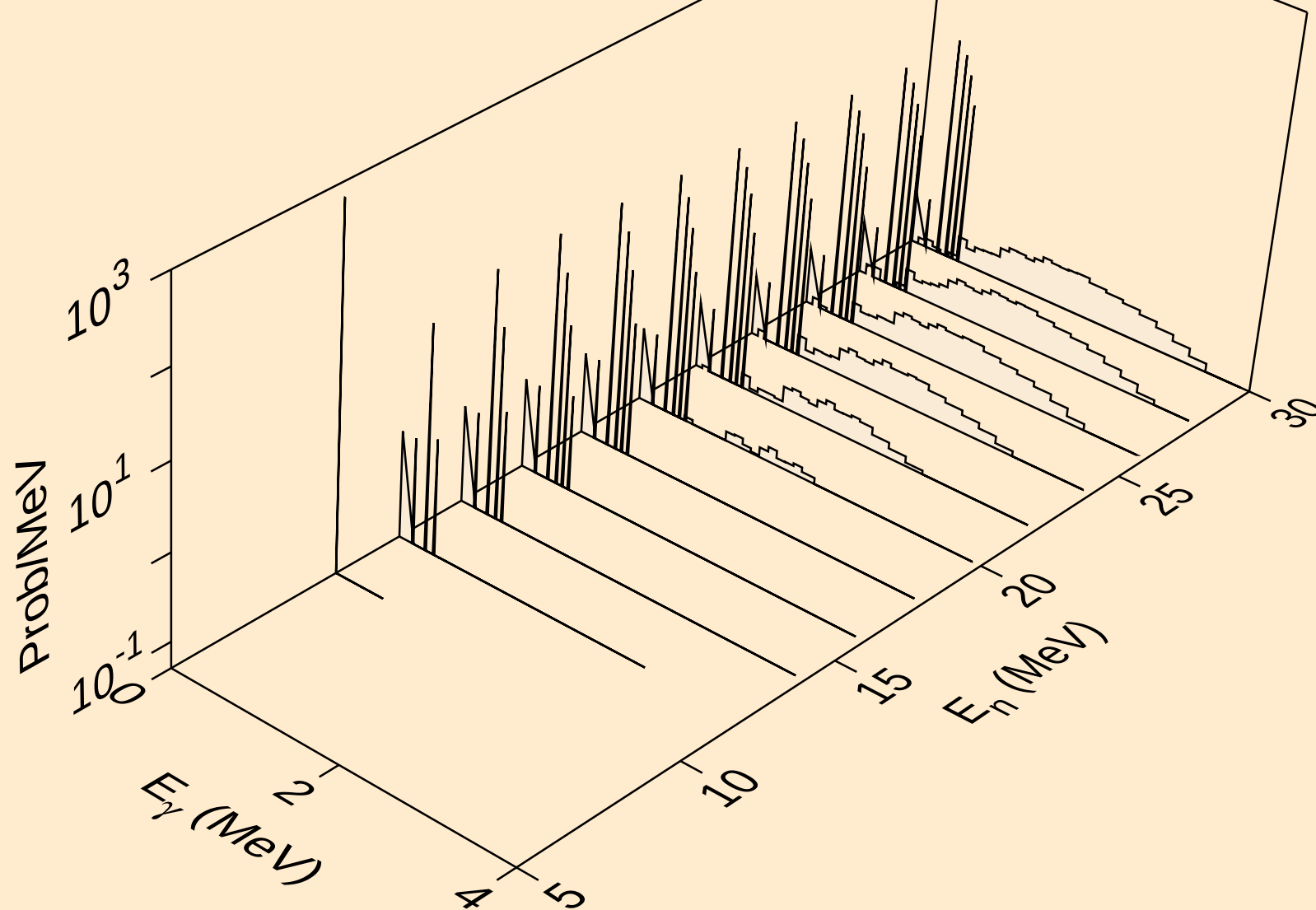
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n)2a



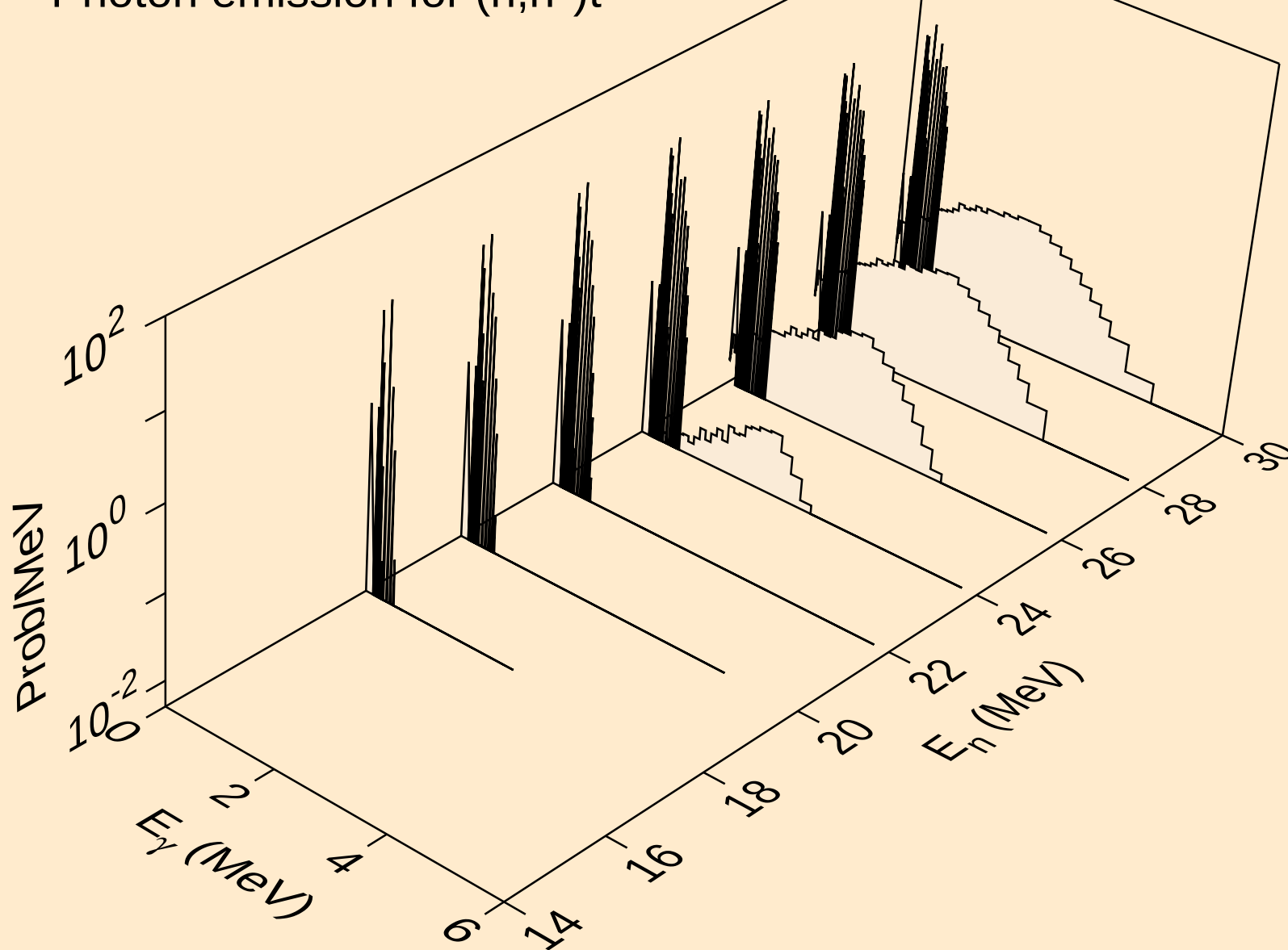
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



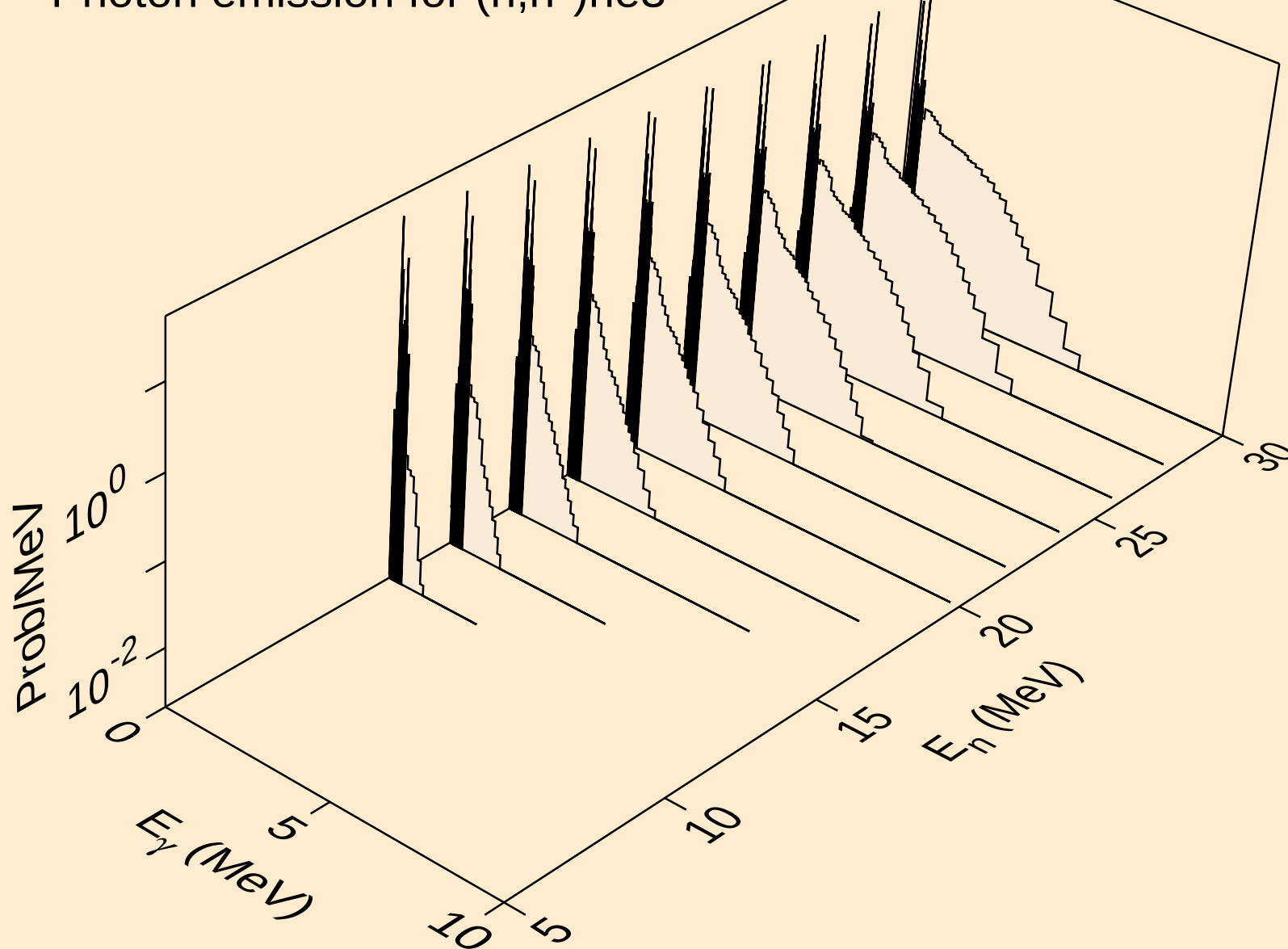
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

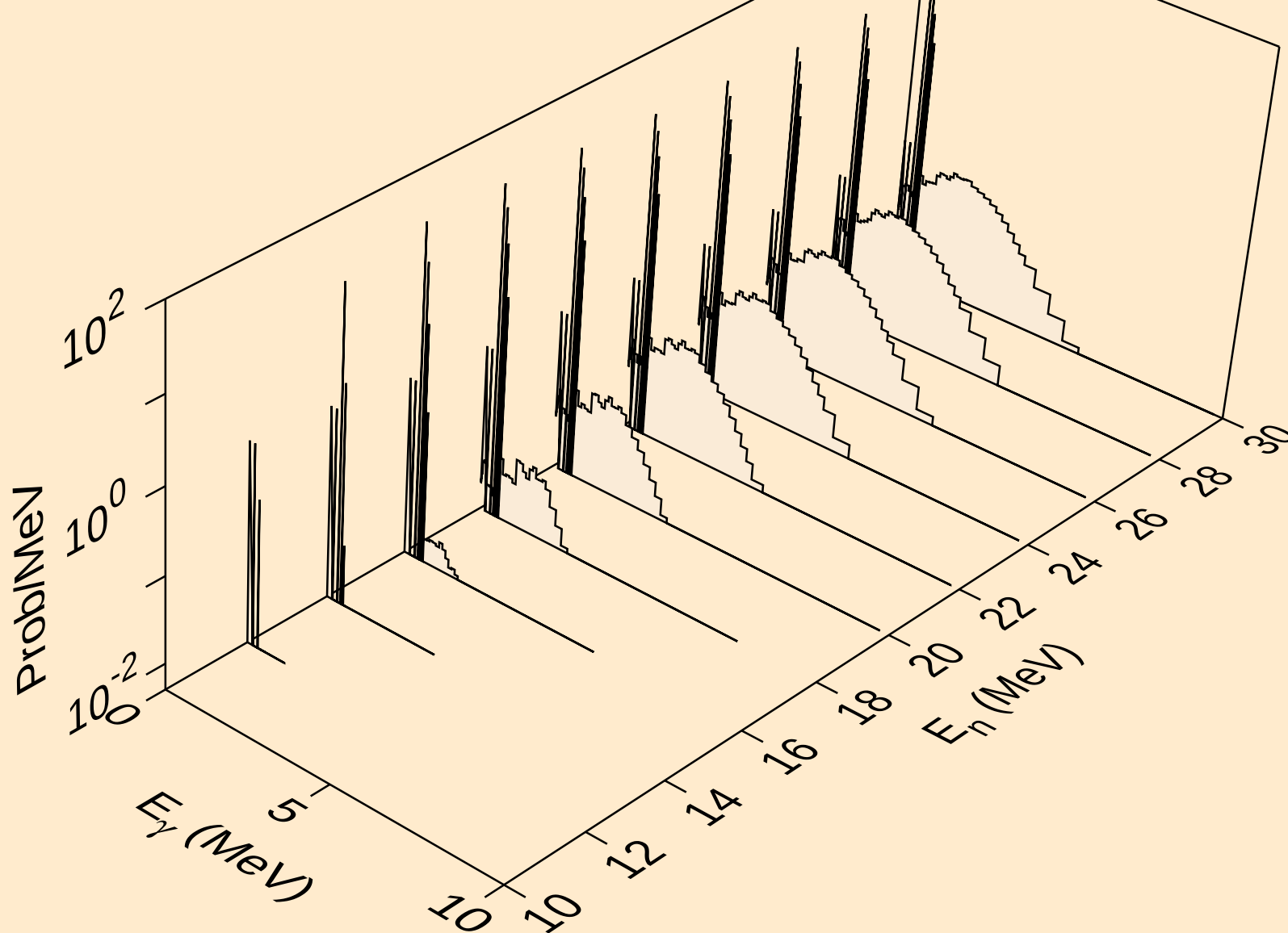


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

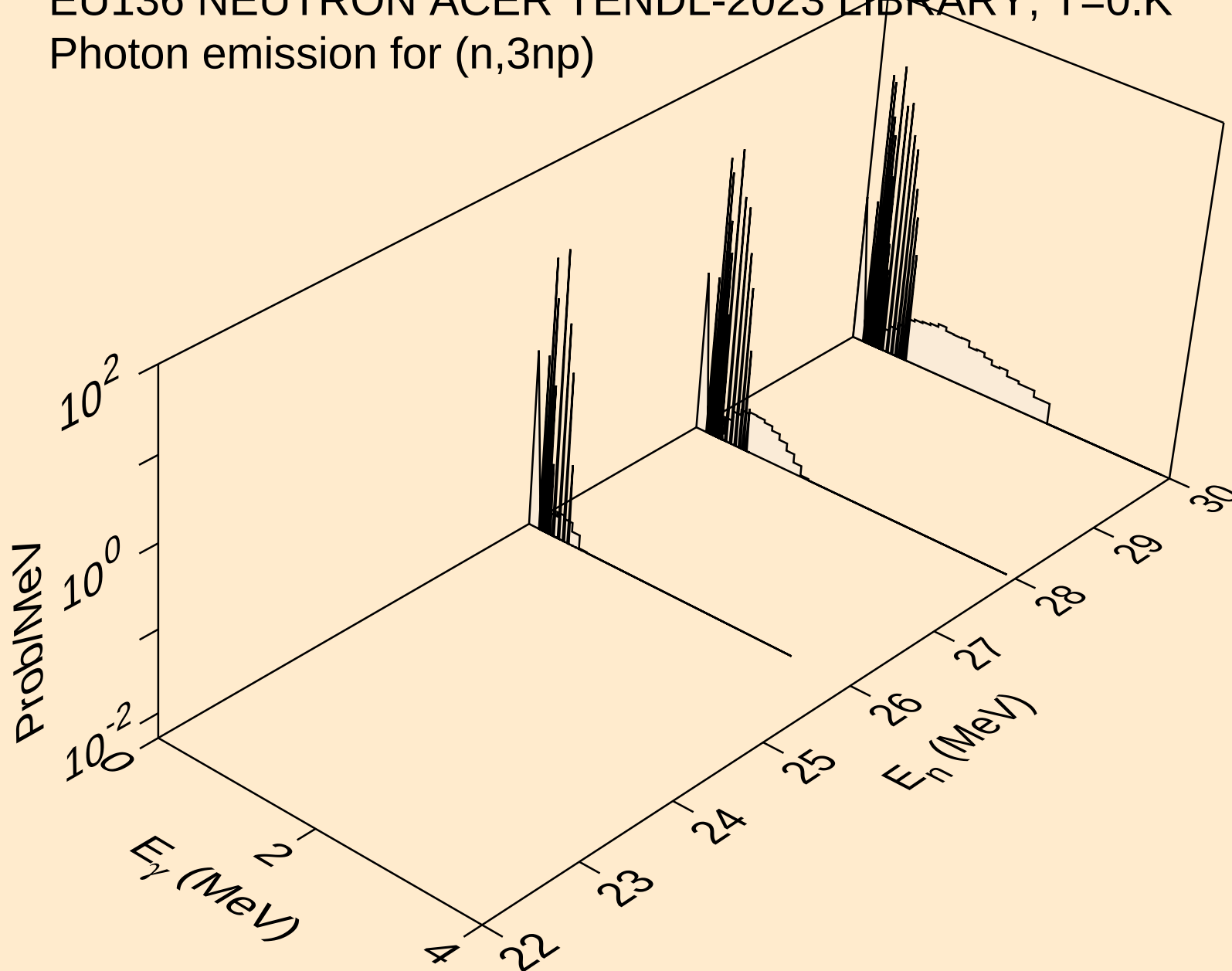
Photon emission for (n,n*)he3



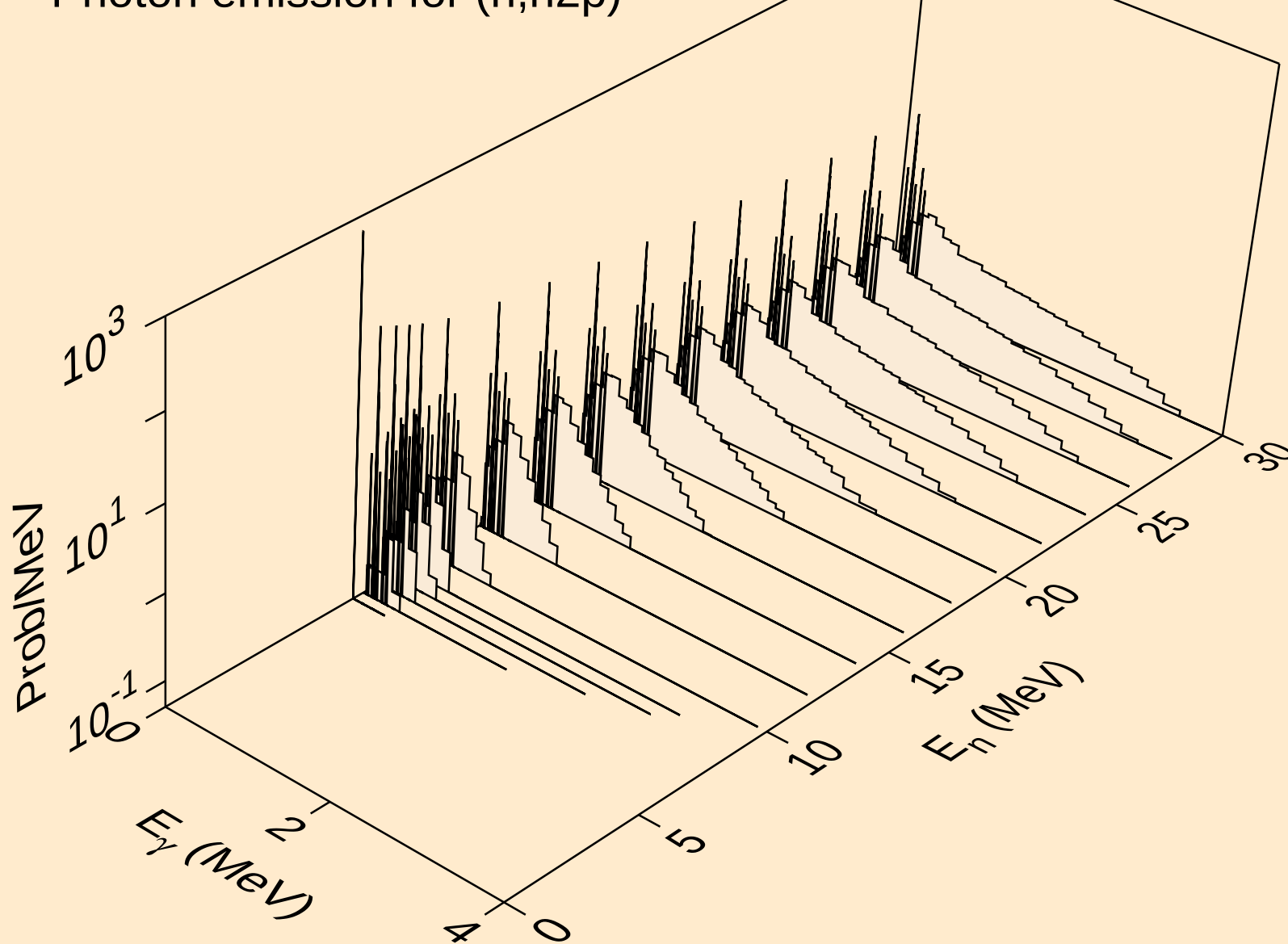
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



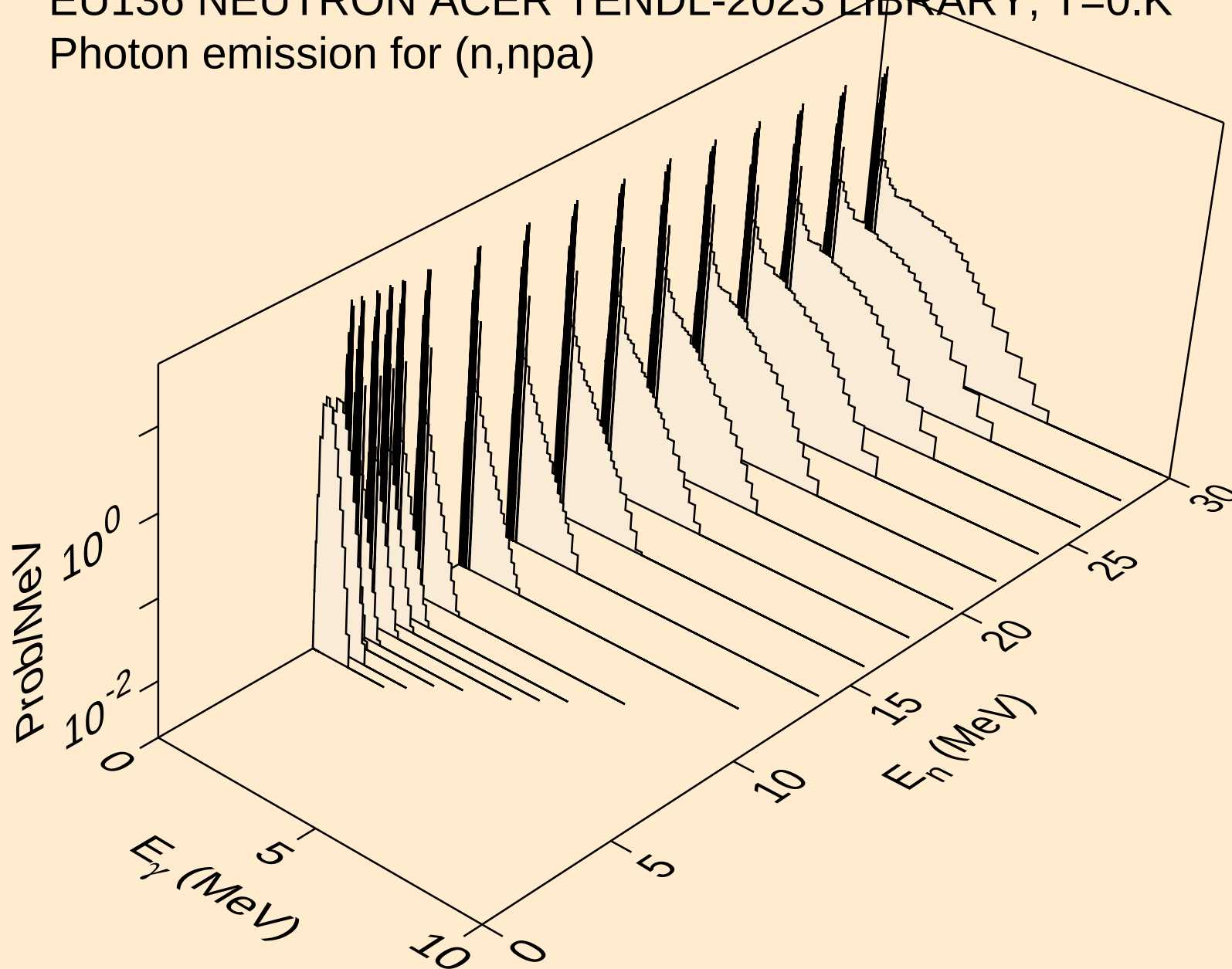
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



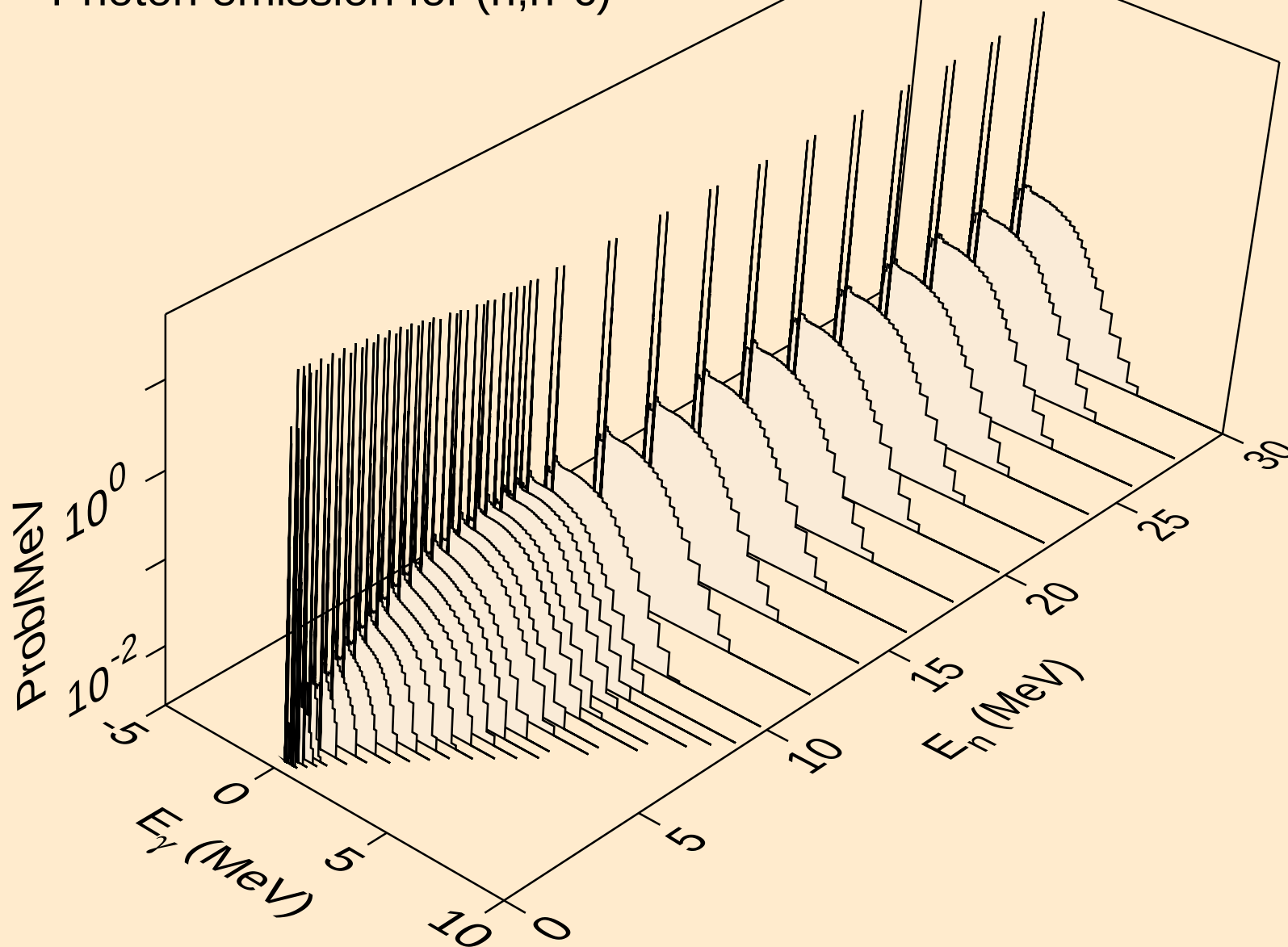
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



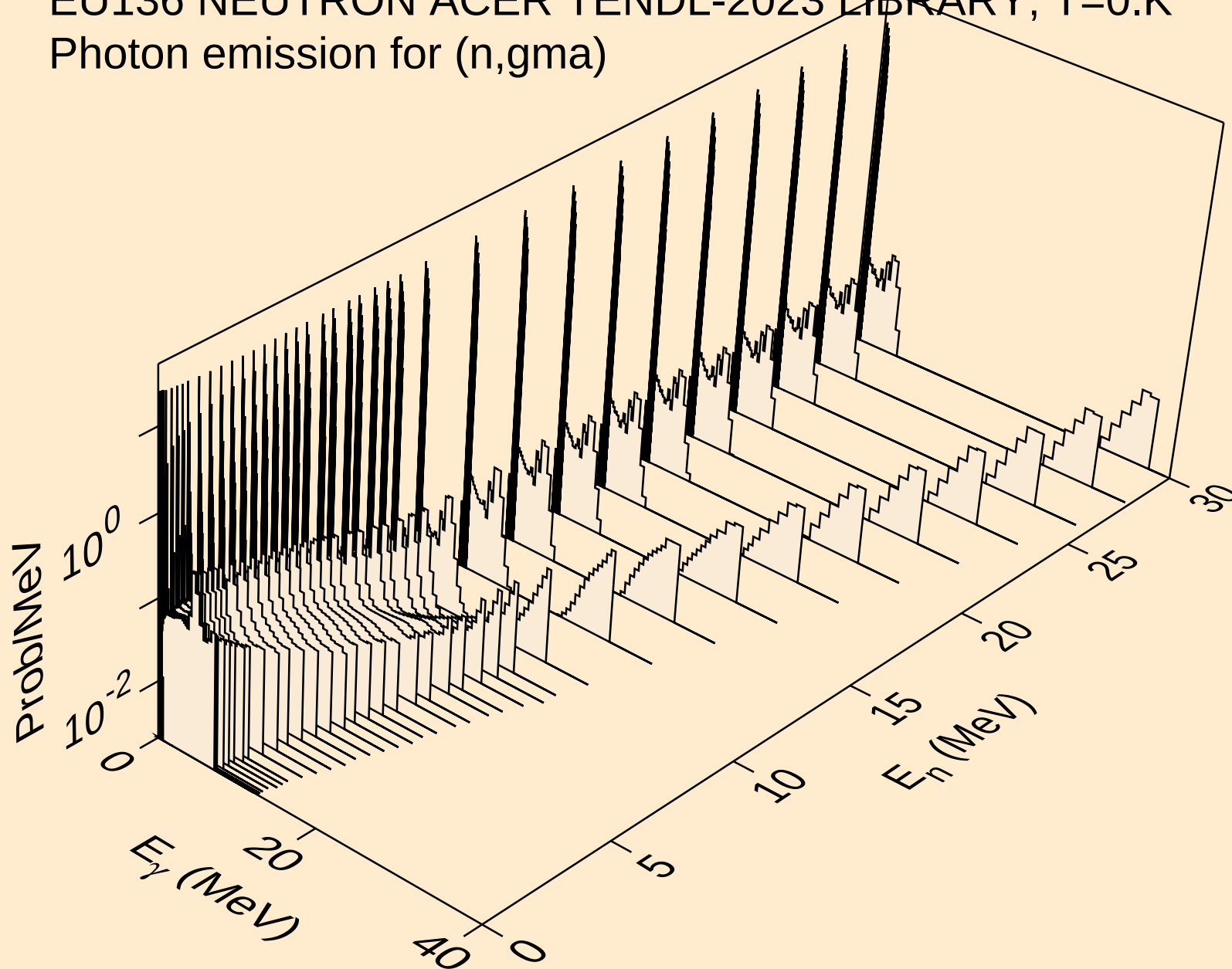
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



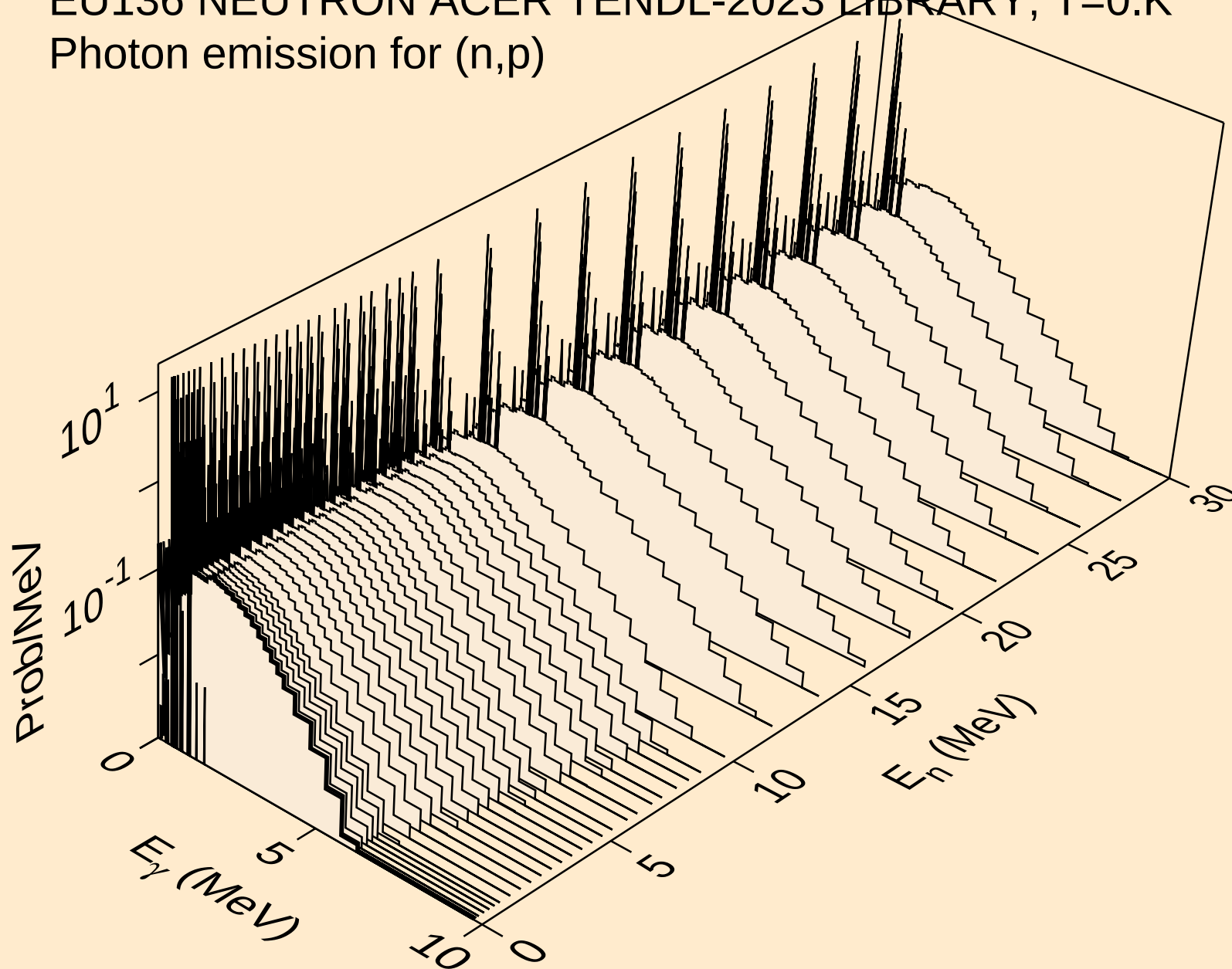
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Photon emission for (n,n*c)



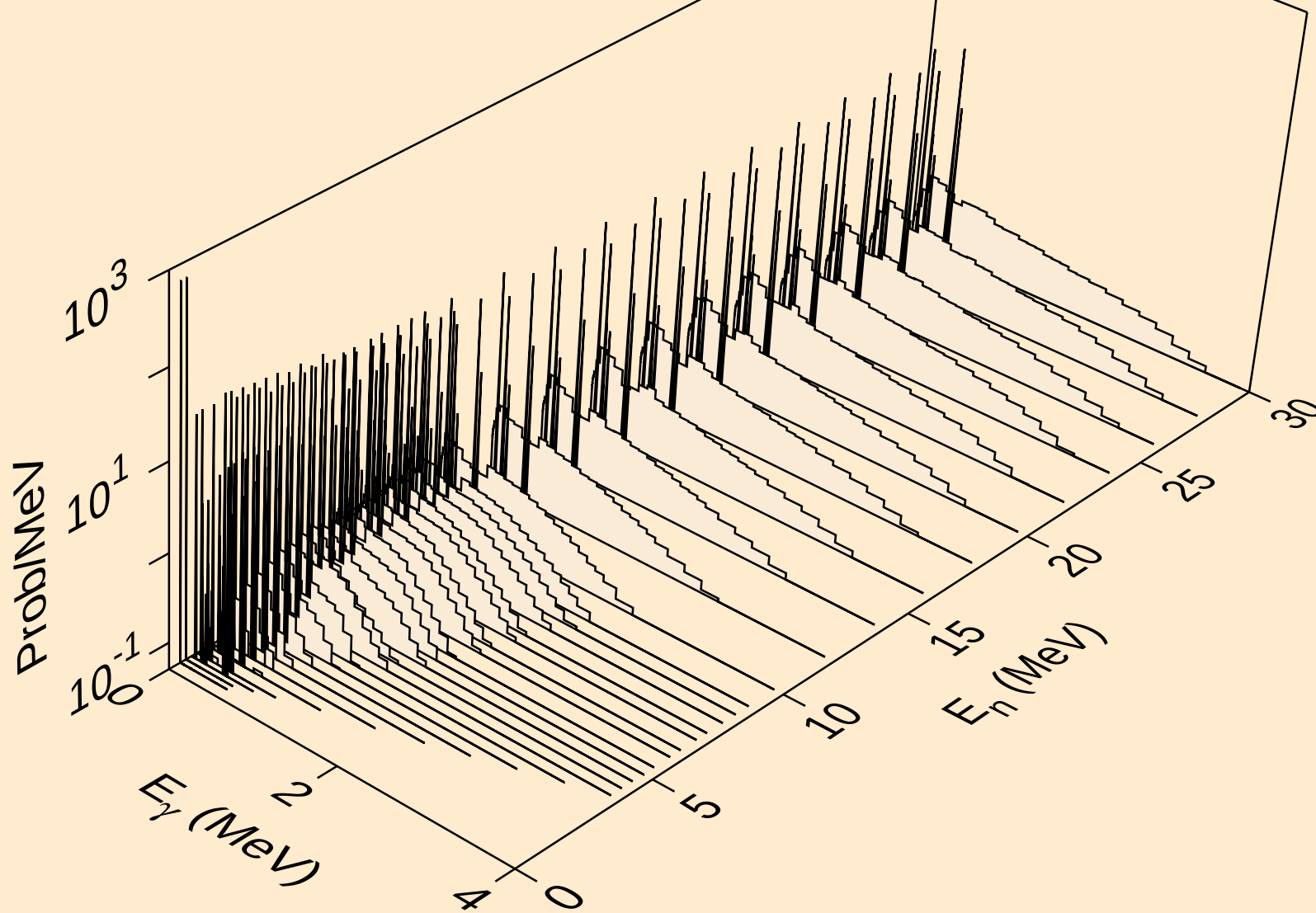
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Photon emission for (n,gma)



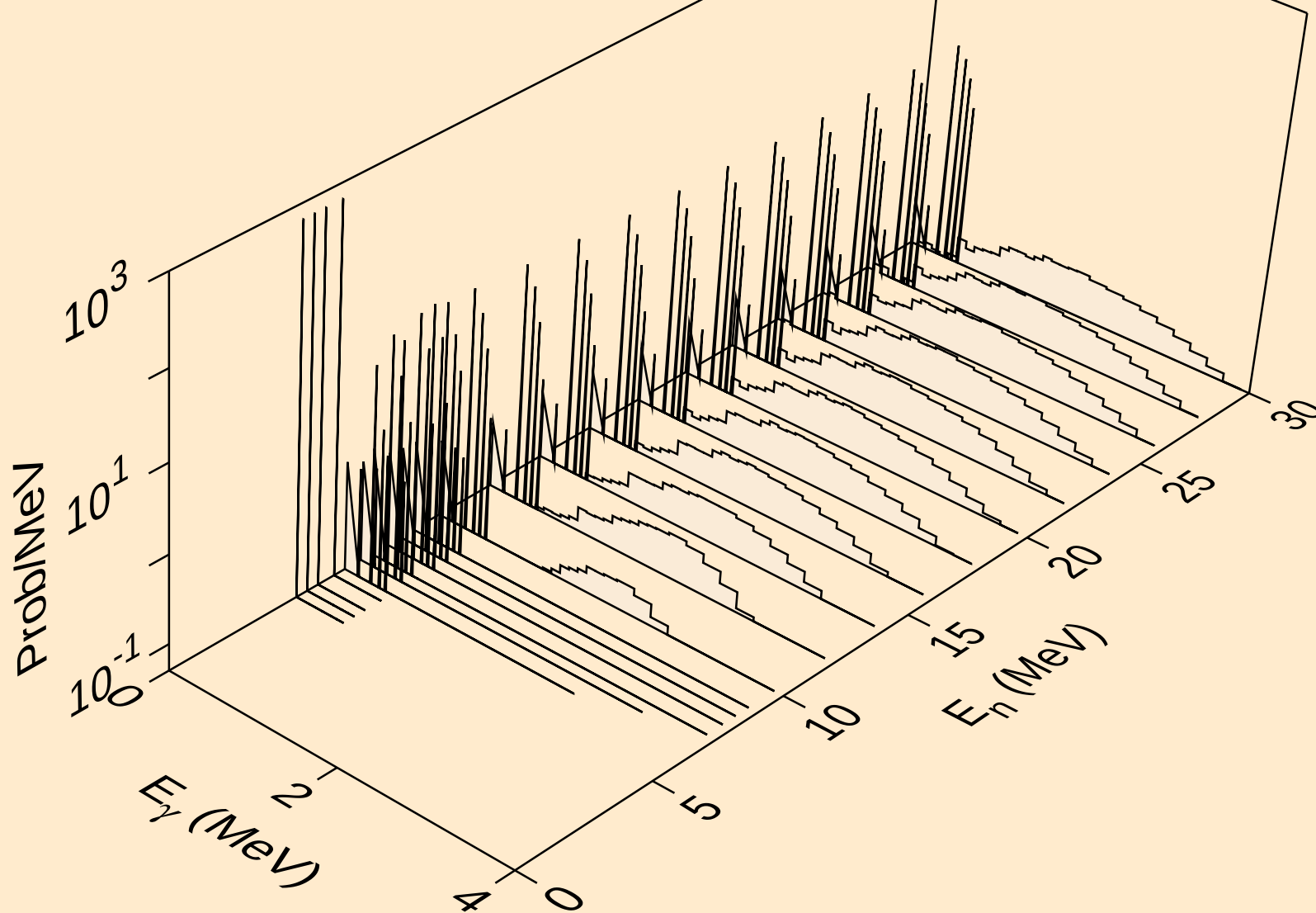
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



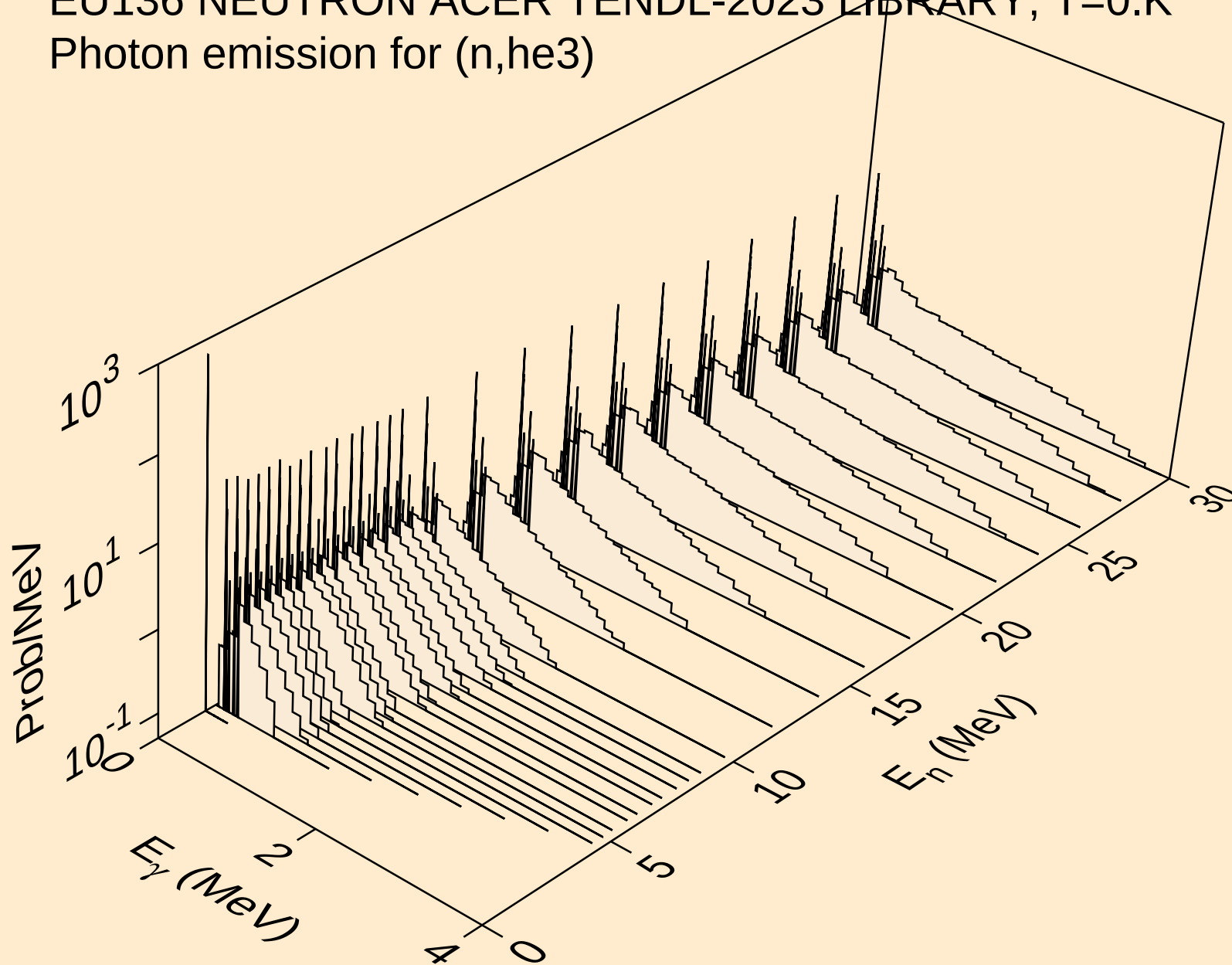
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



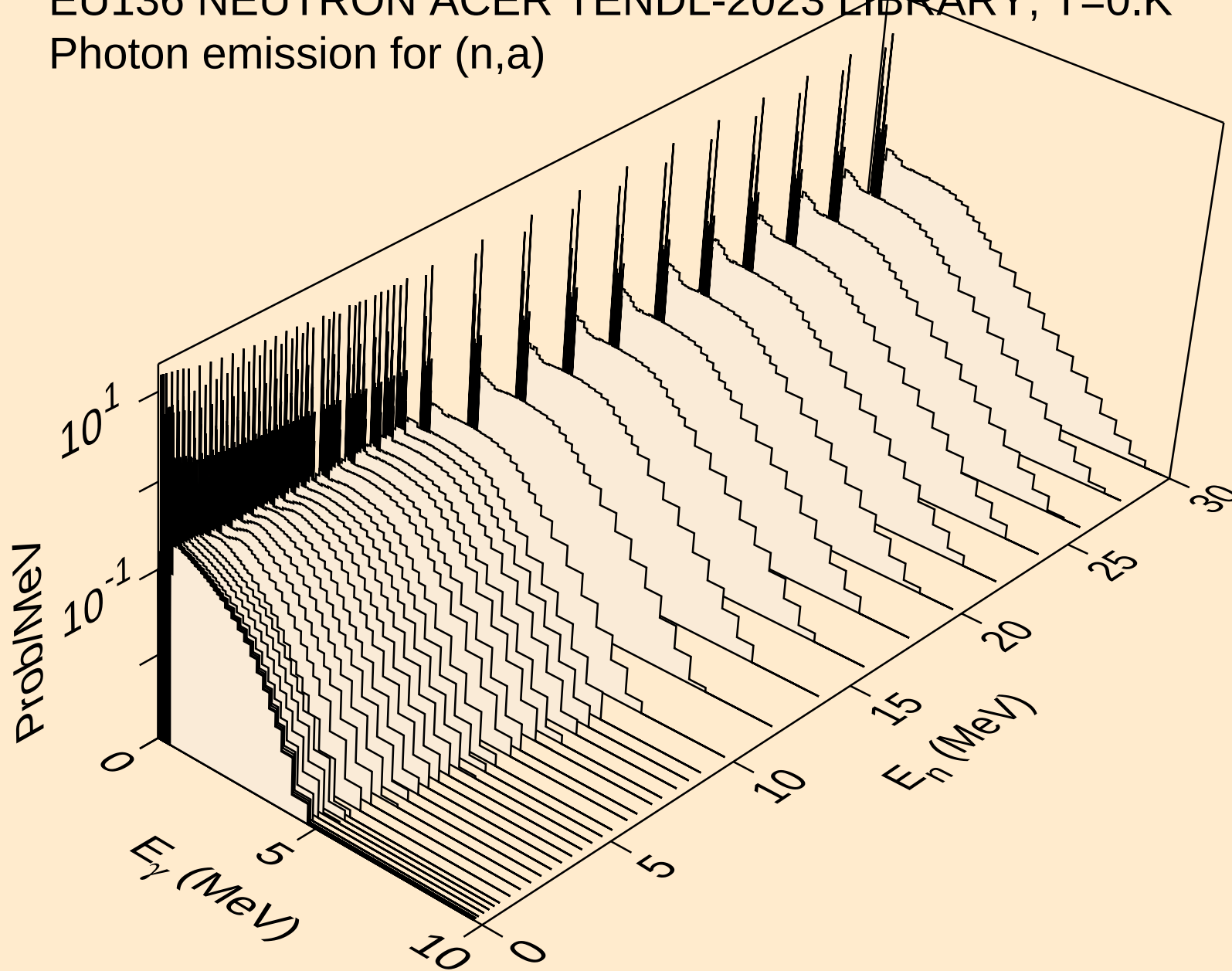
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



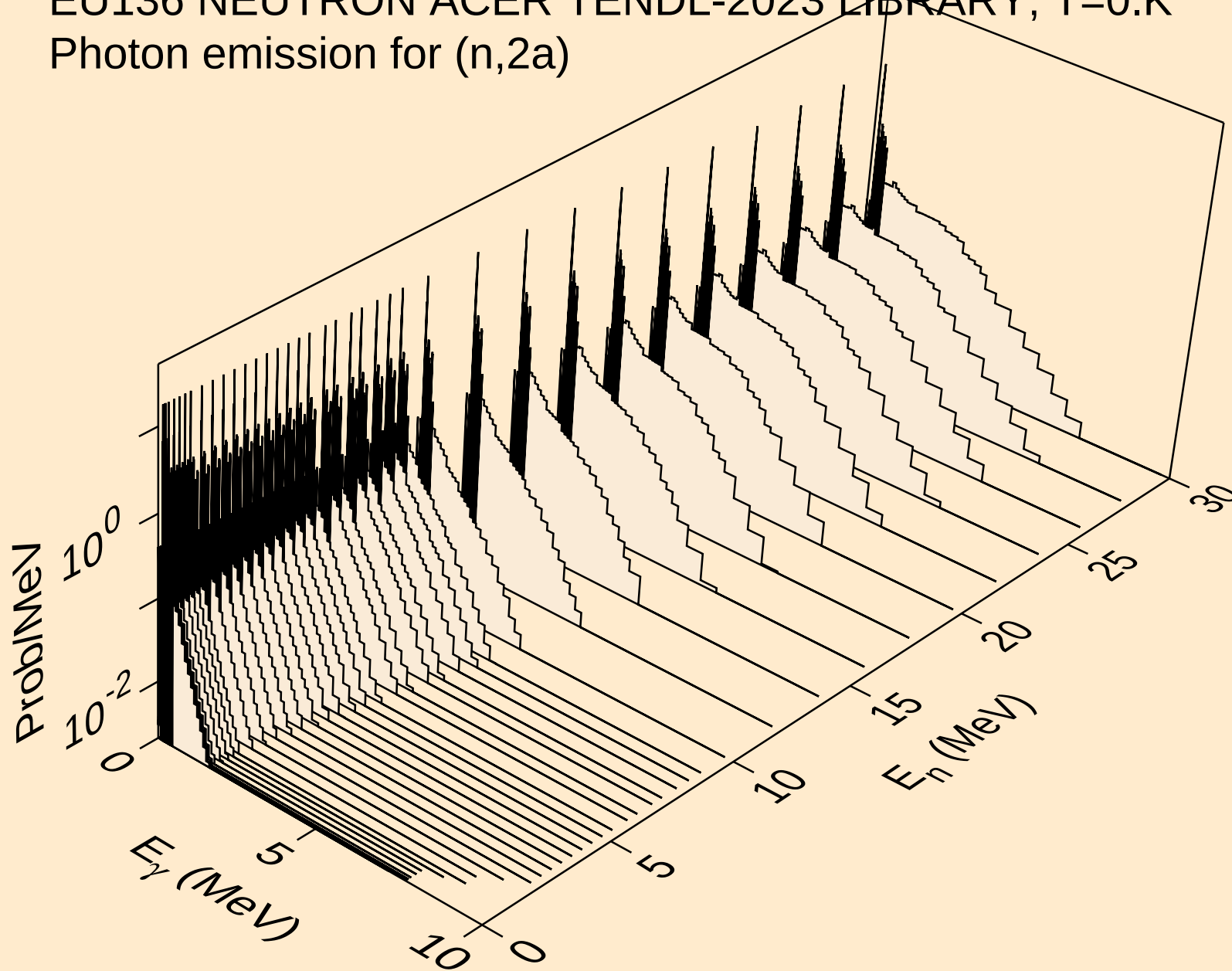
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



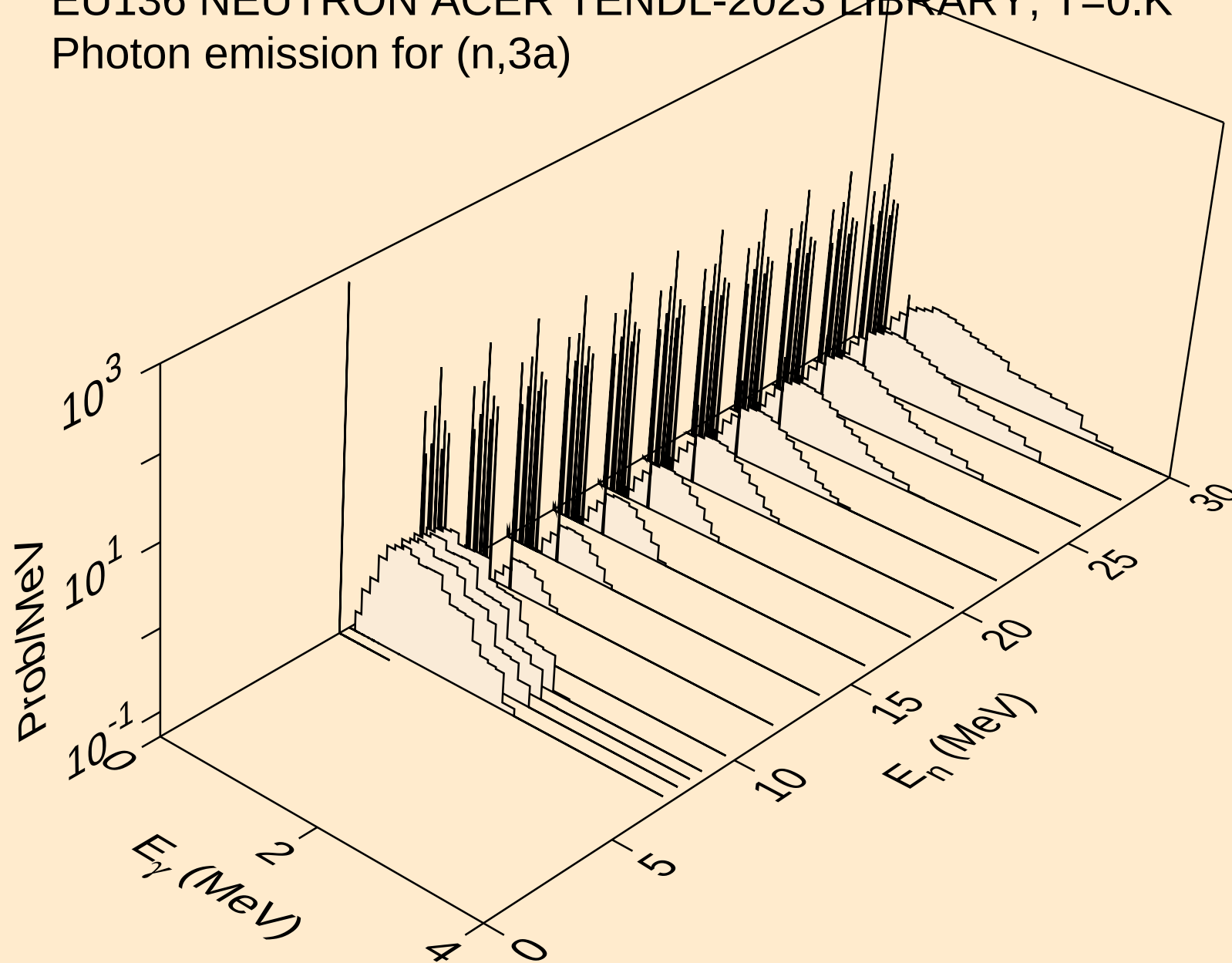
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



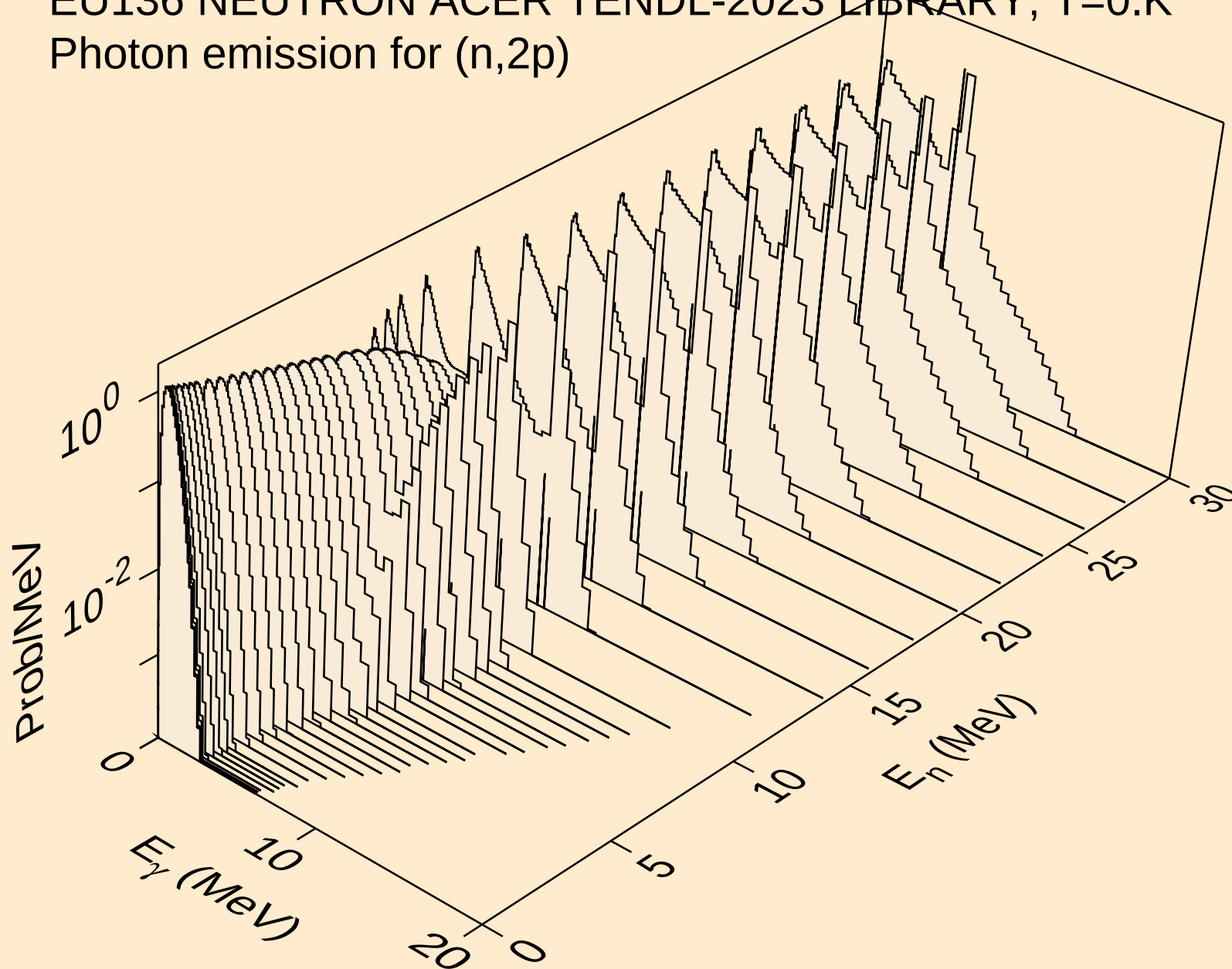
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



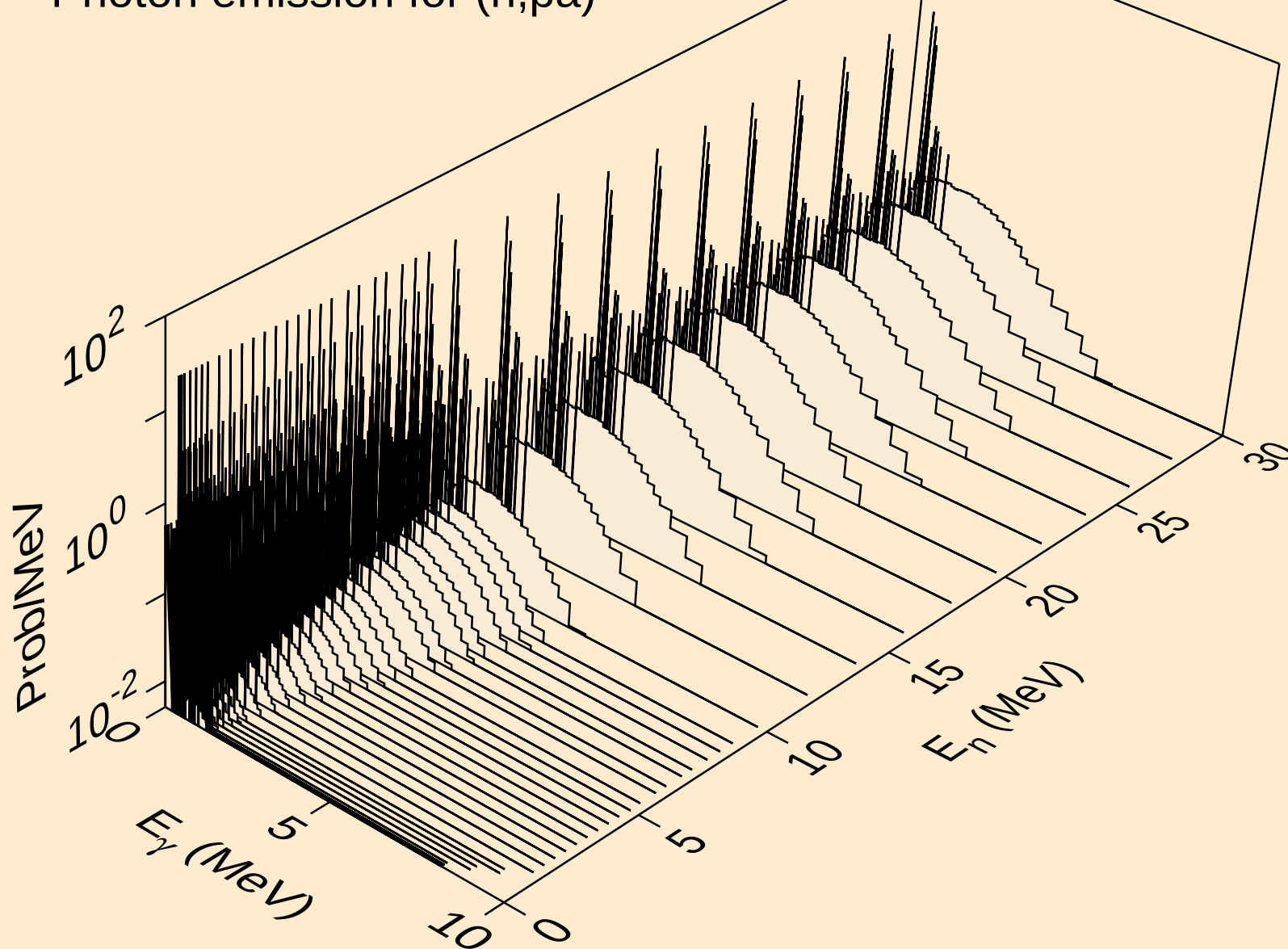
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



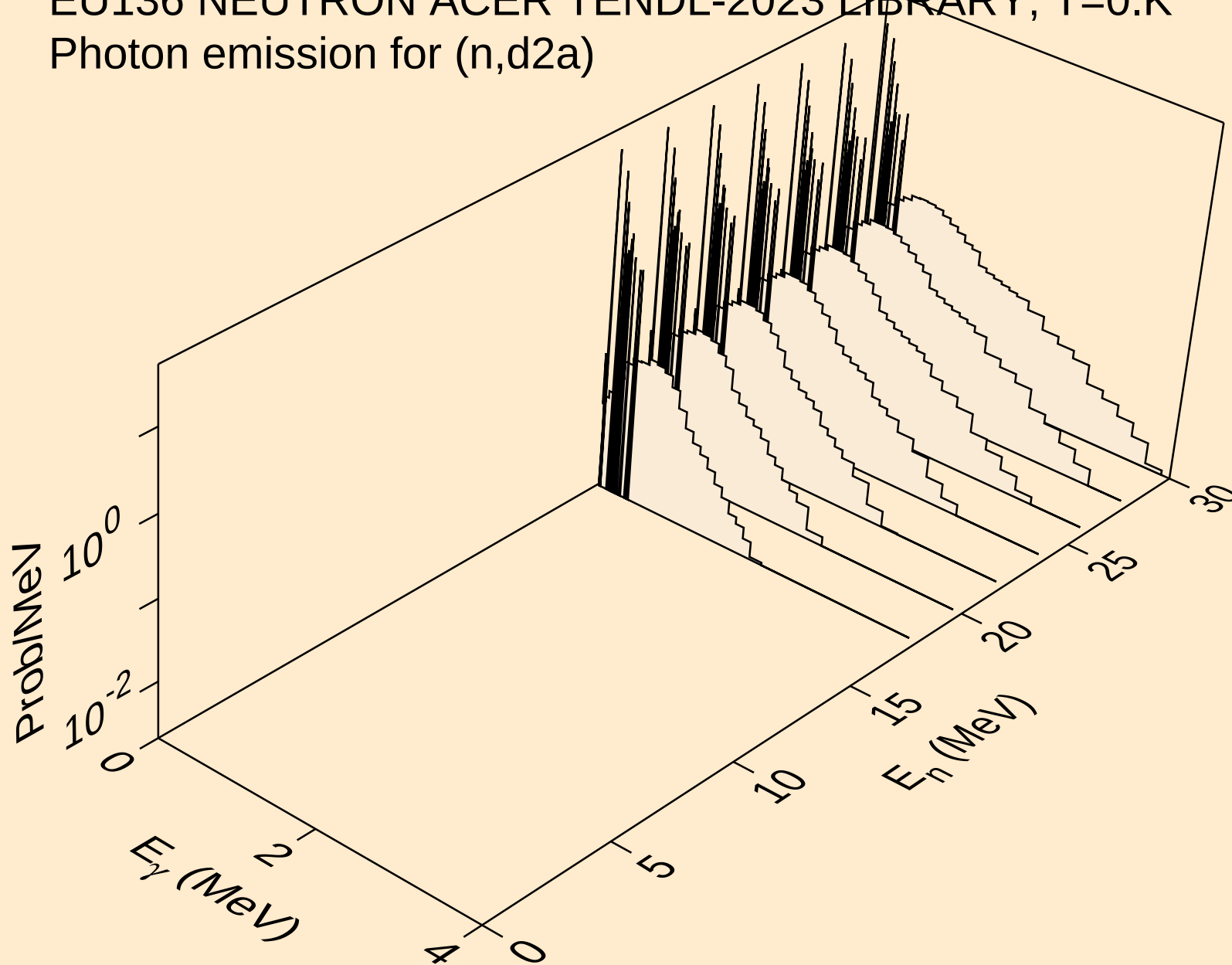
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Photon emission for (n,2p)



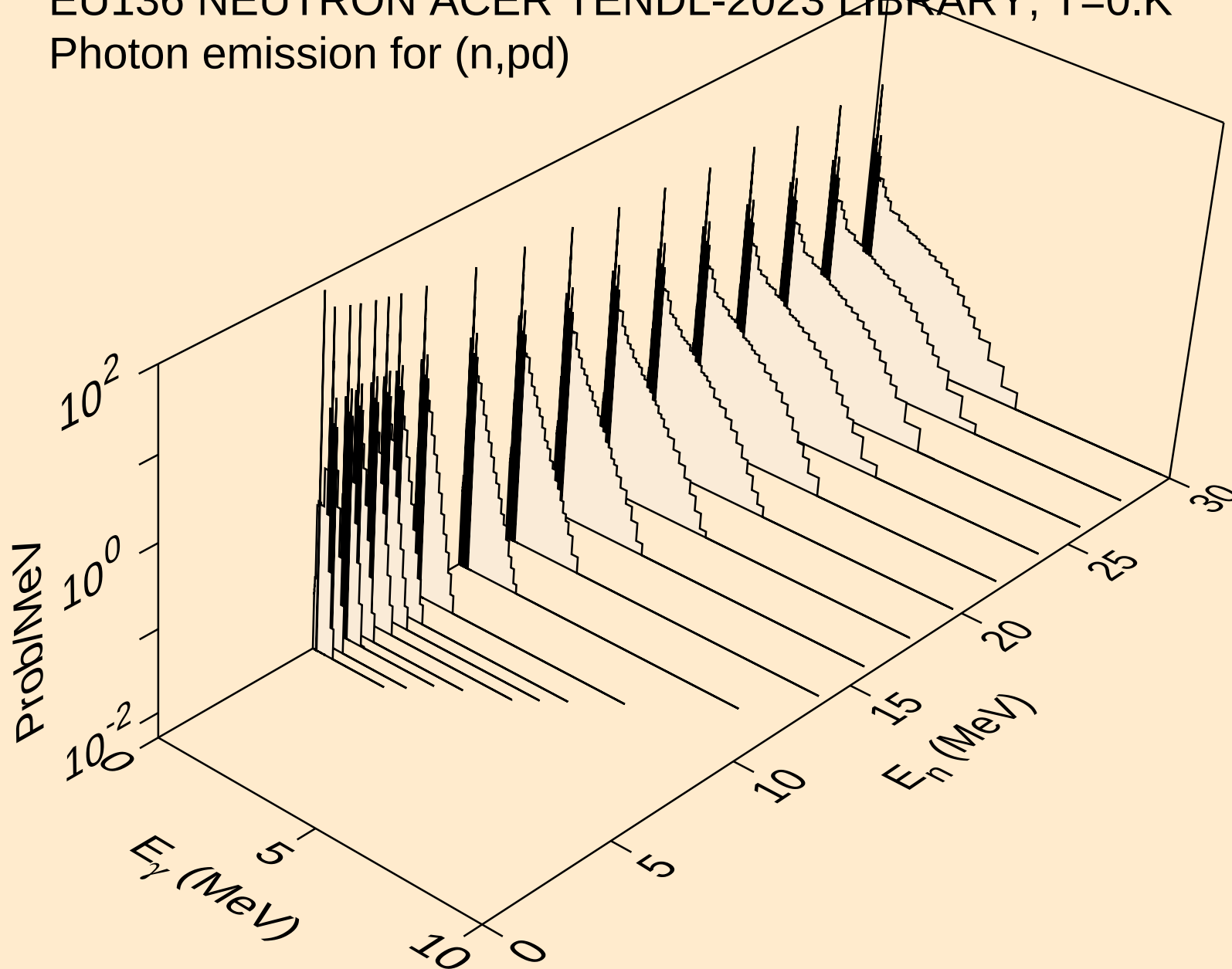
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)

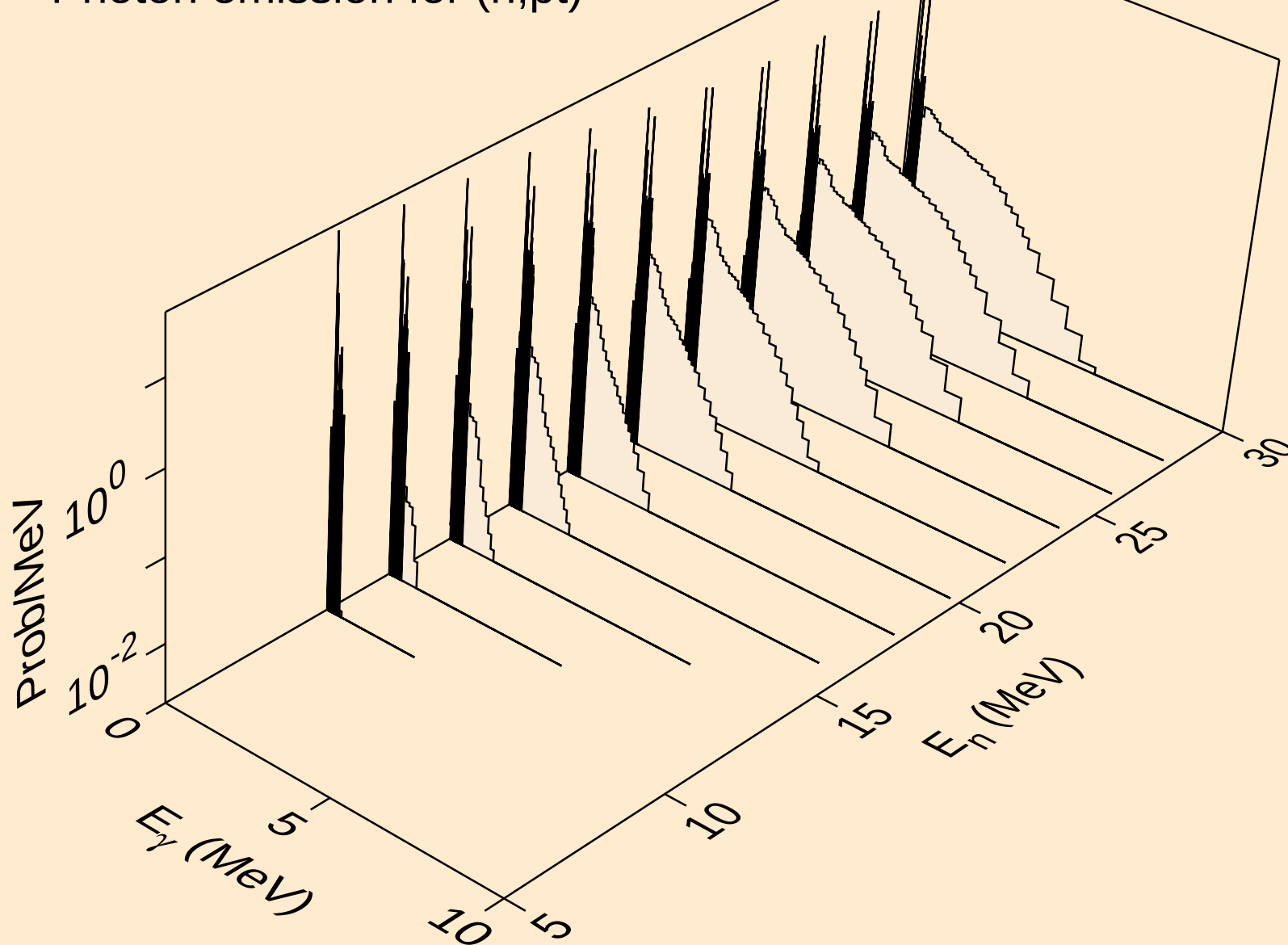


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

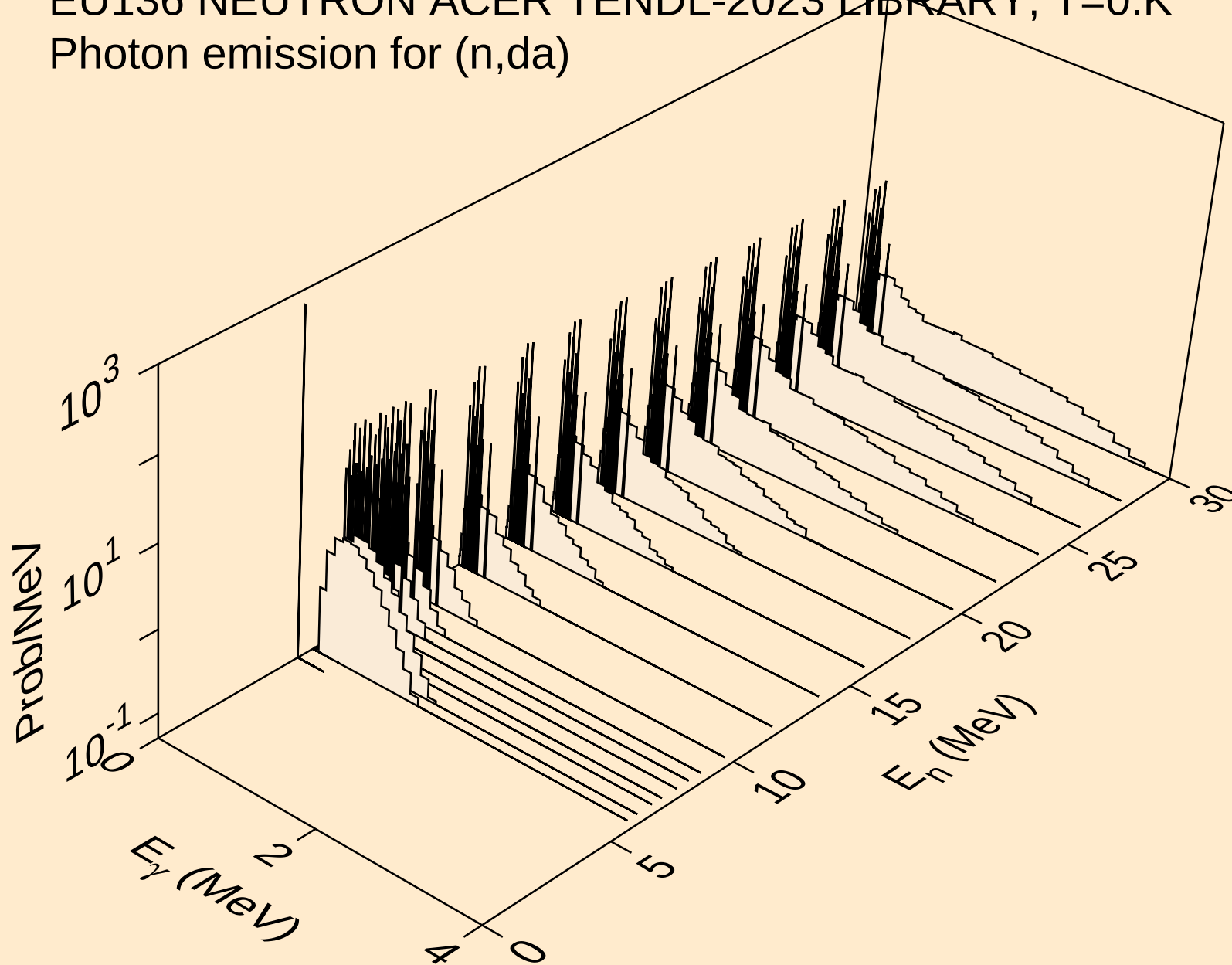


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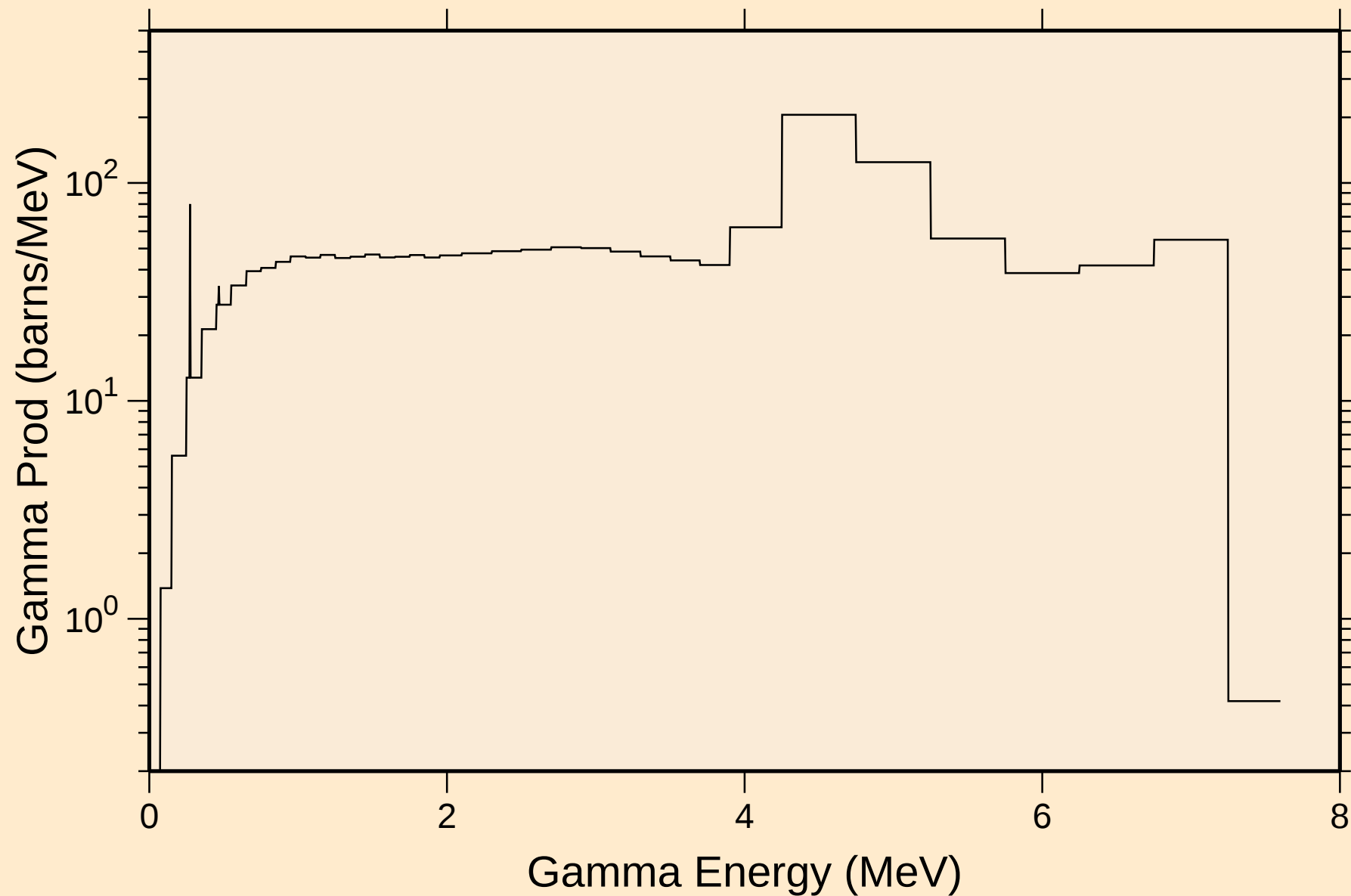
Photon emission for (n,pt)



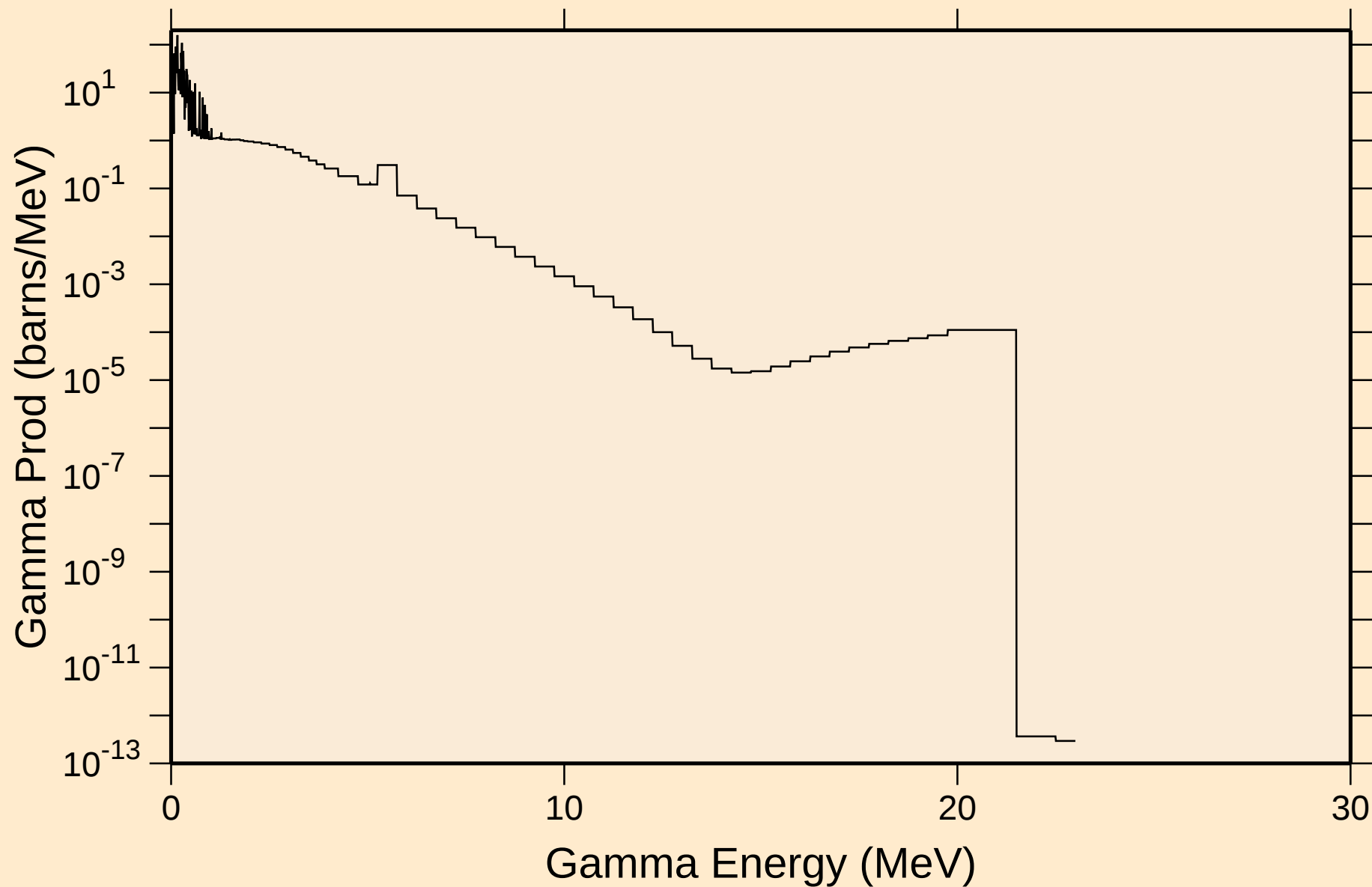
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

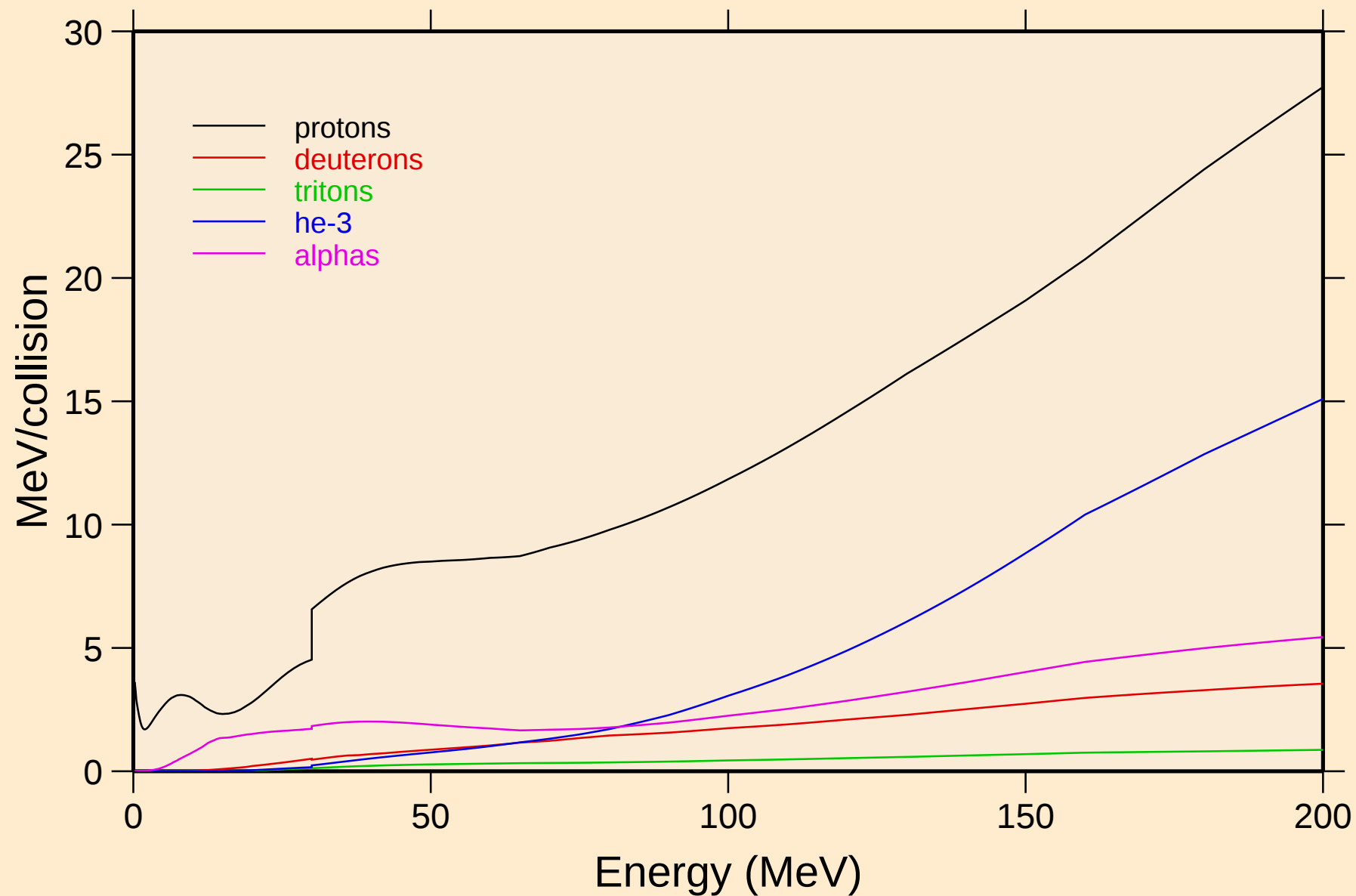


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

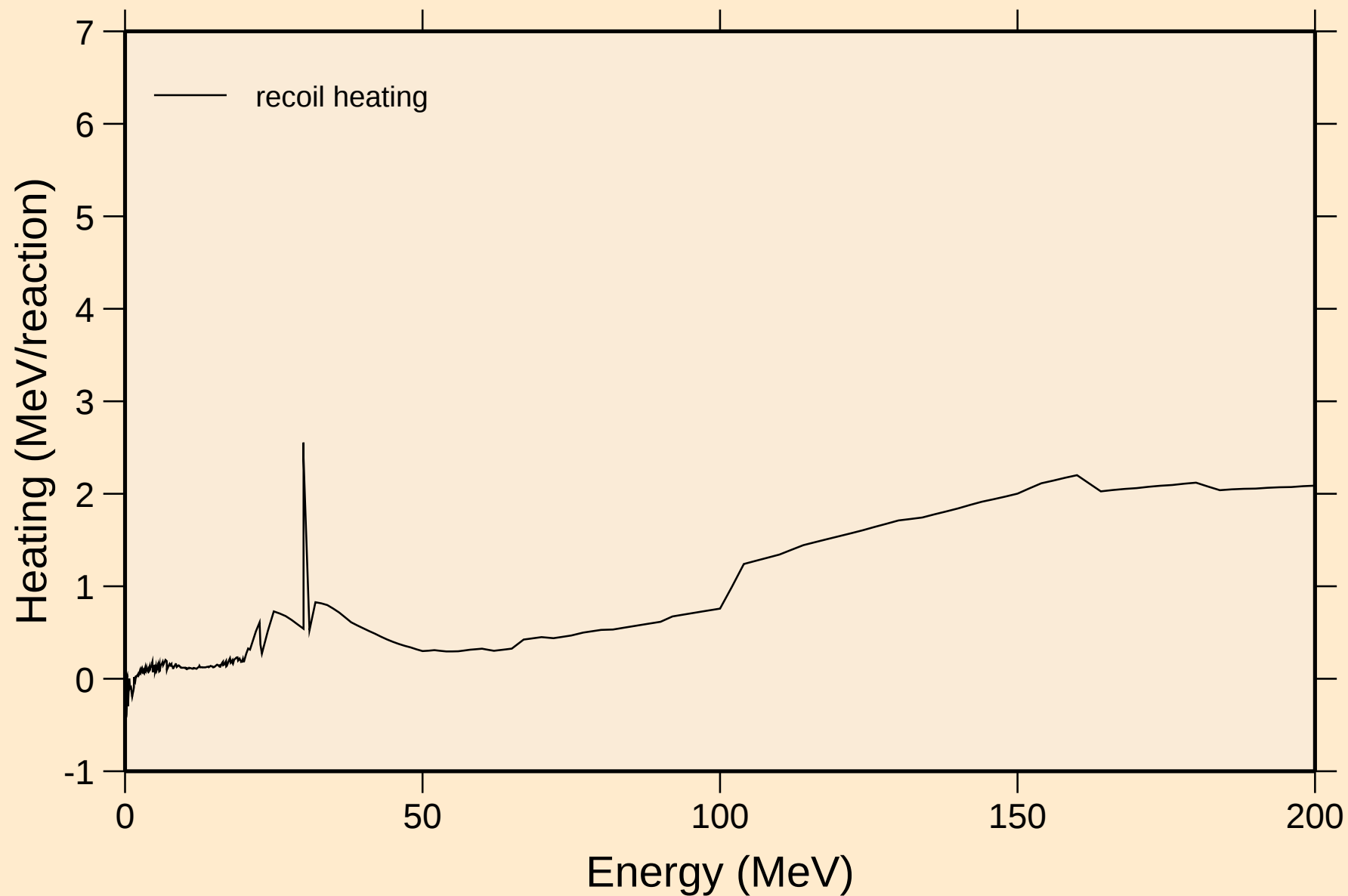


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

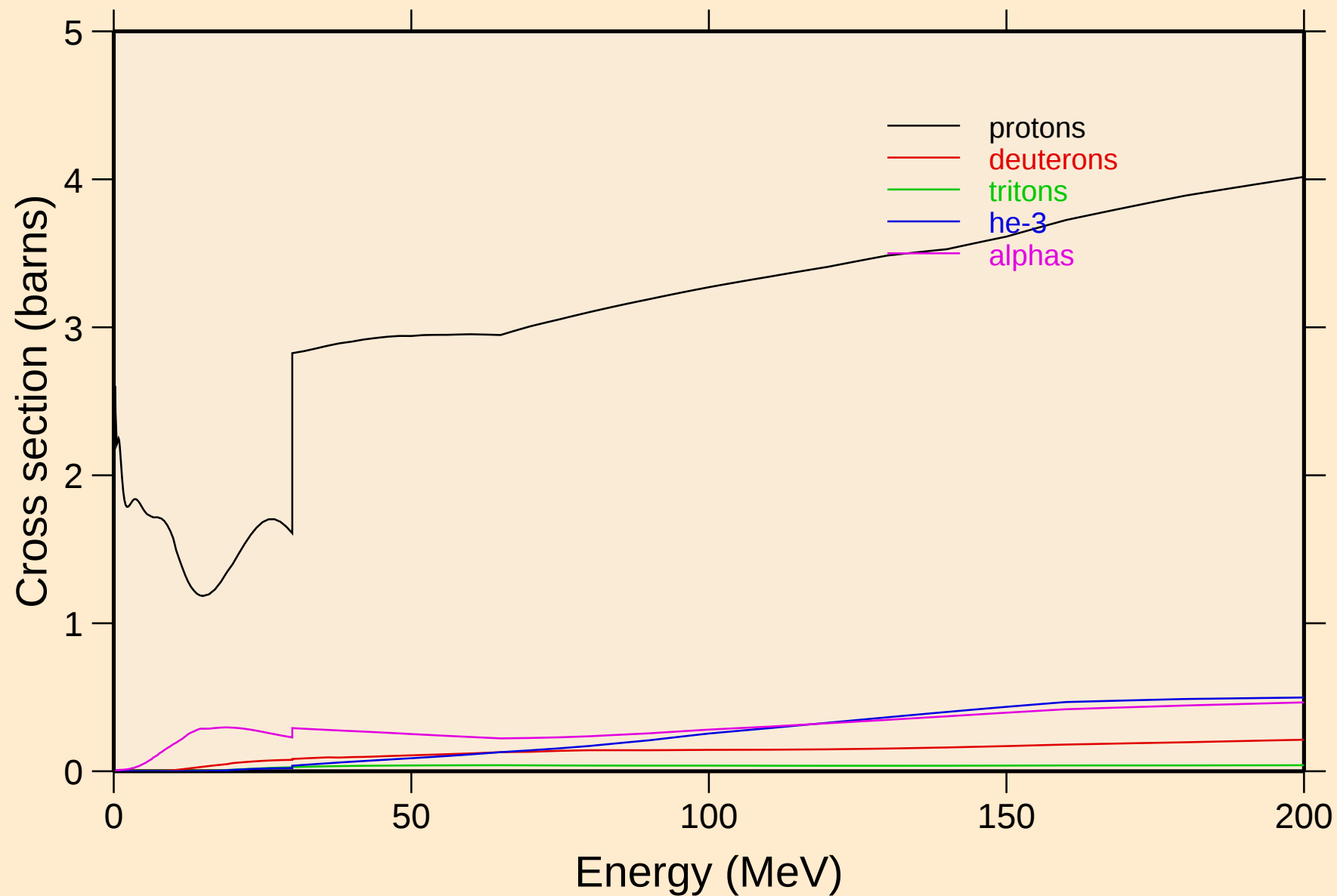


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

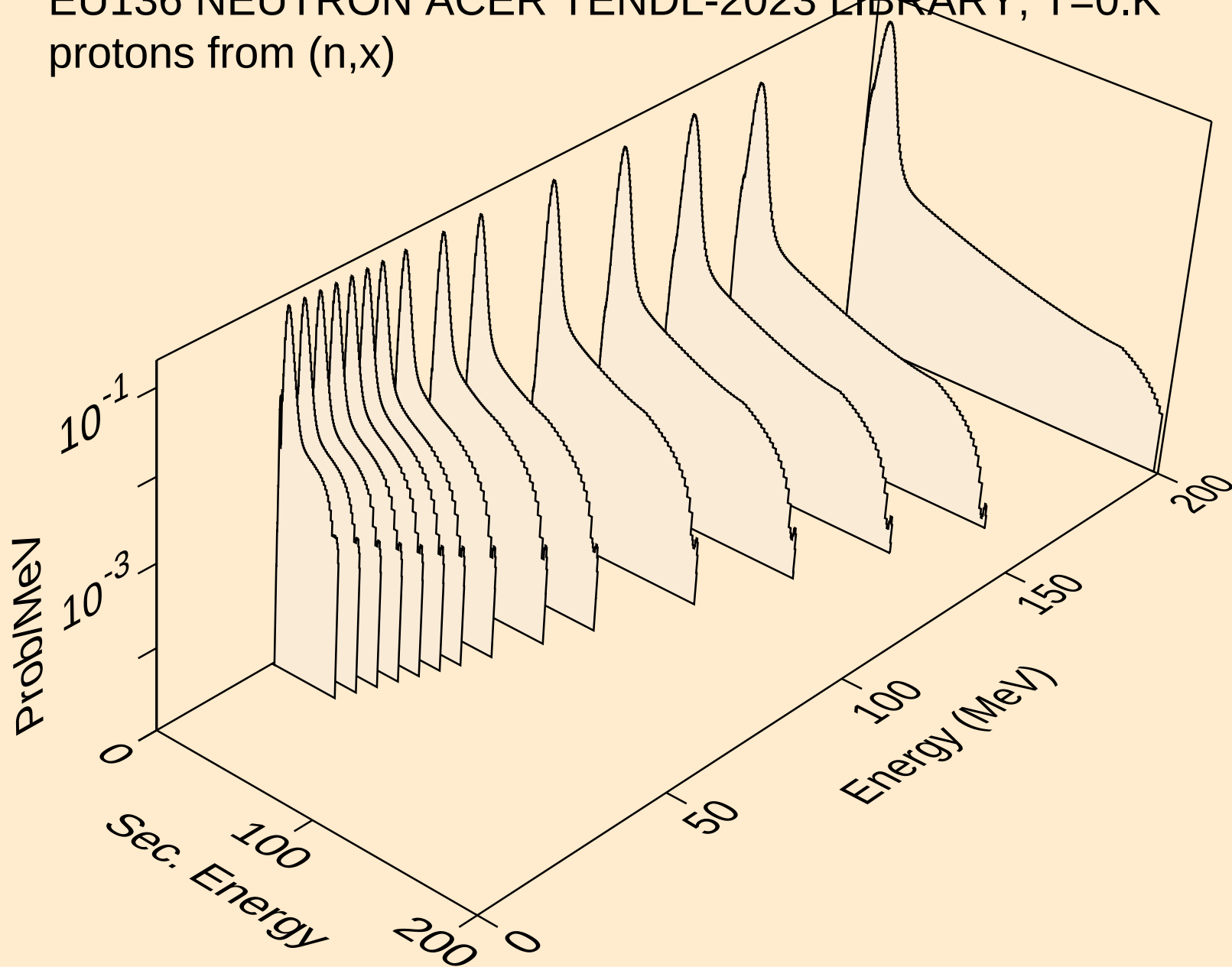


EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

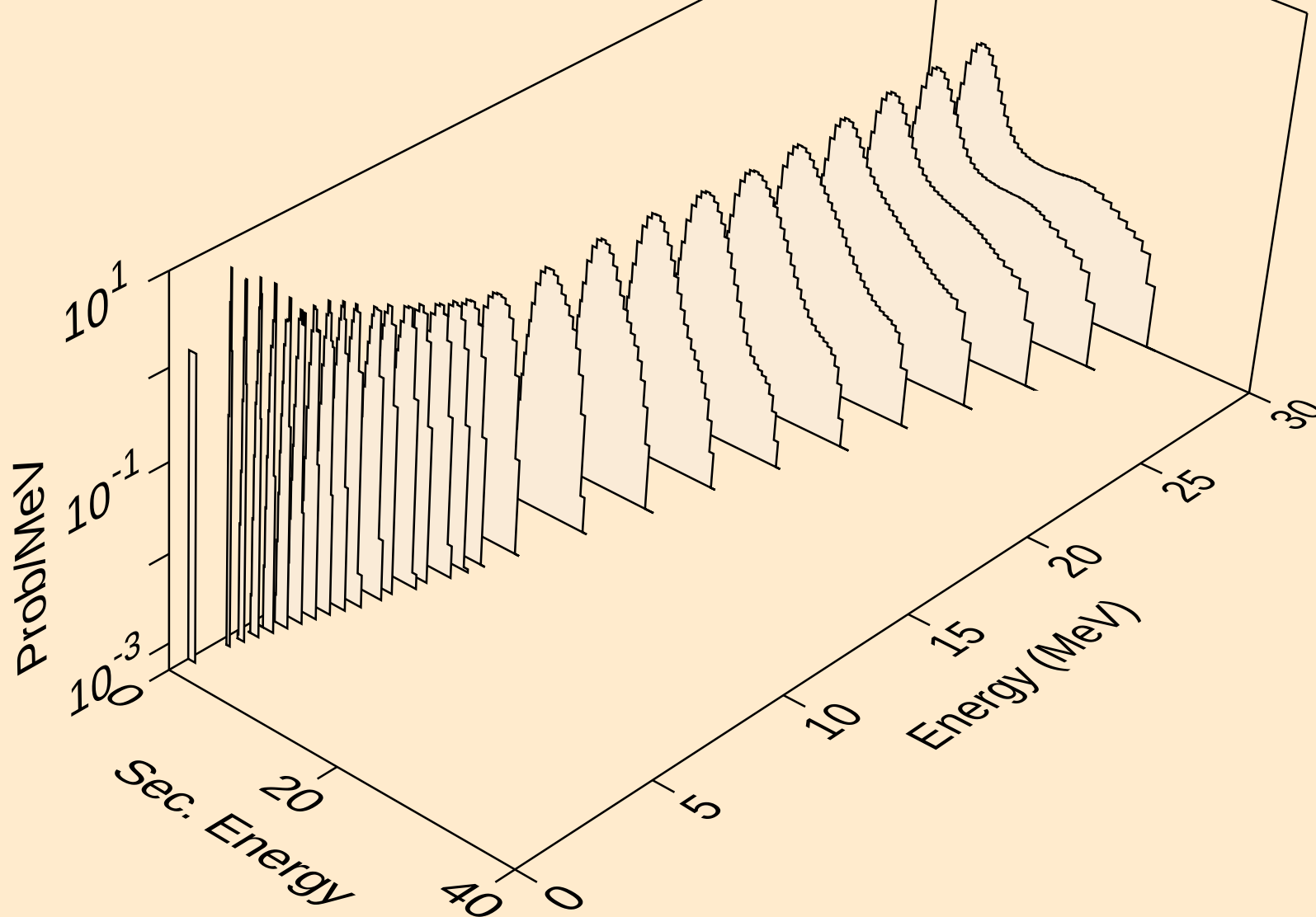
Particle production cross sections



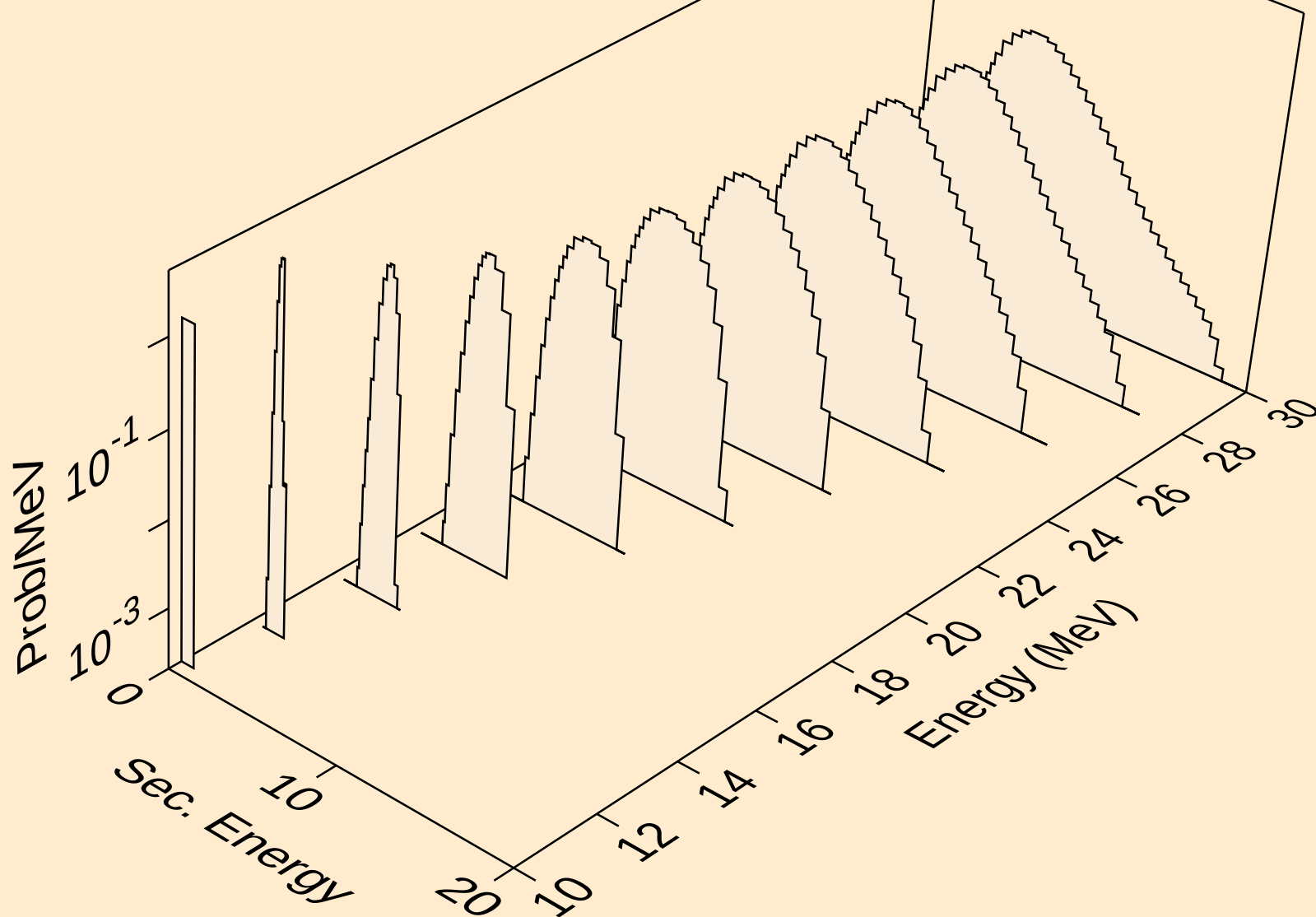
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



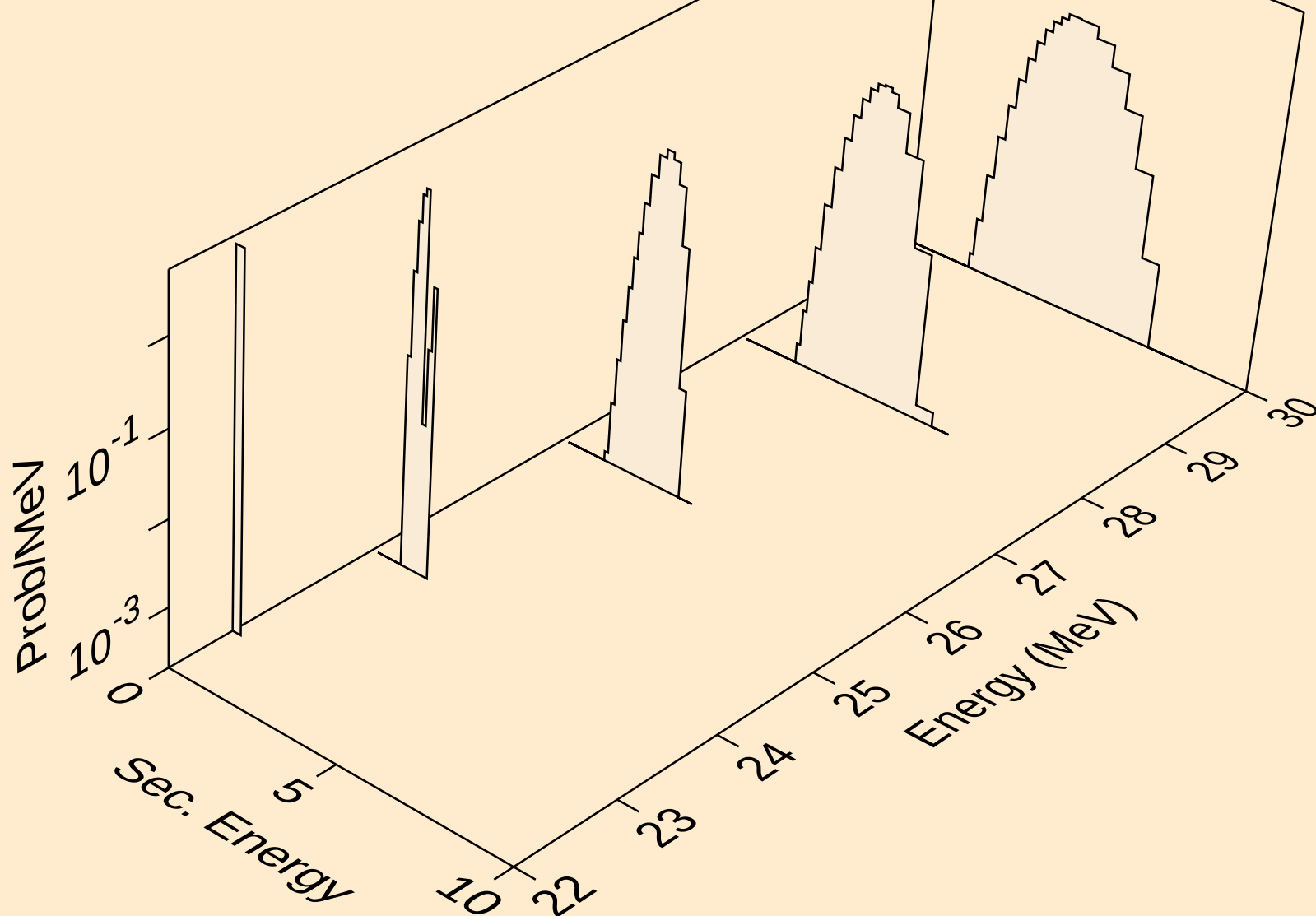
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



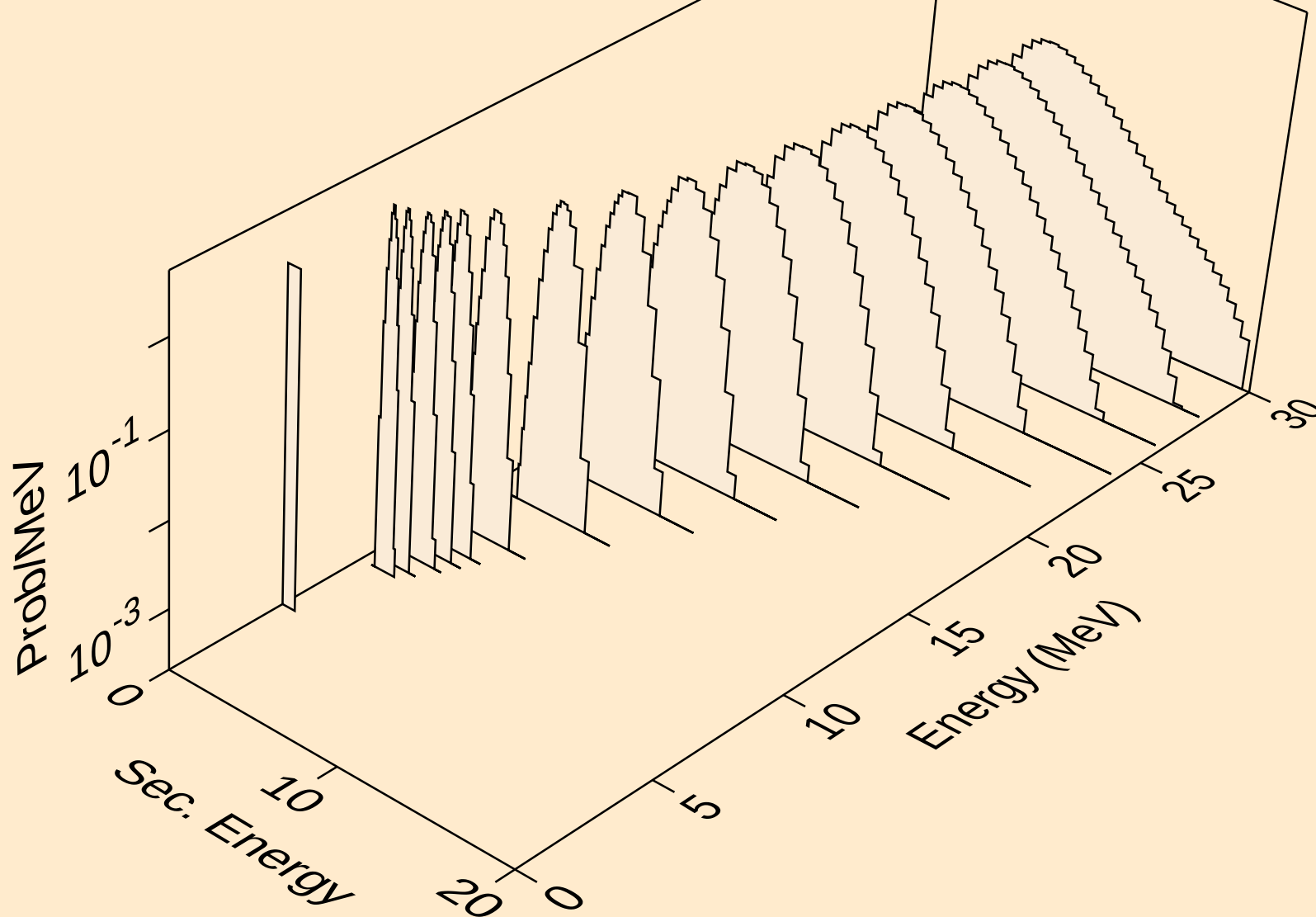
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protons from (n,2np)



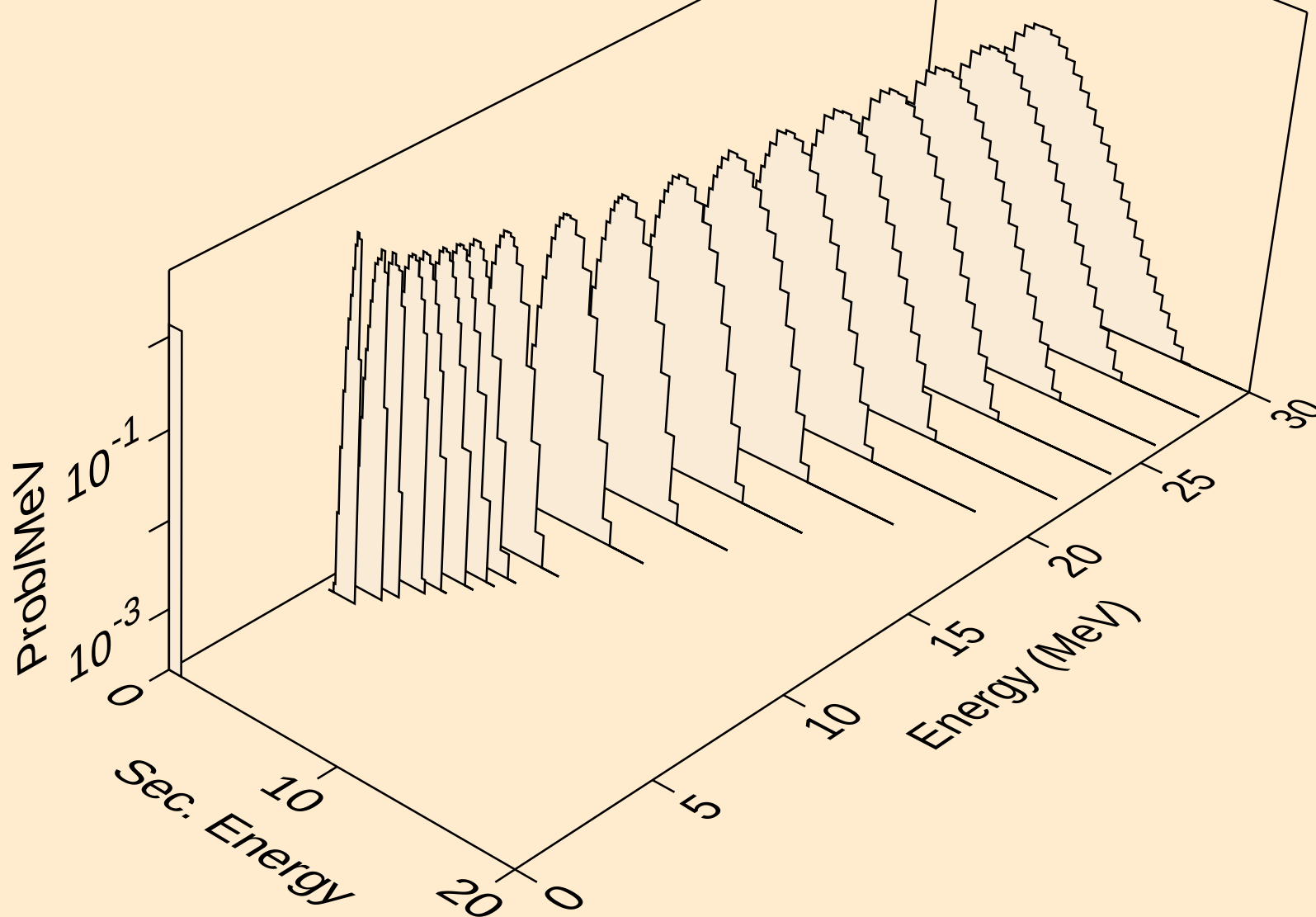
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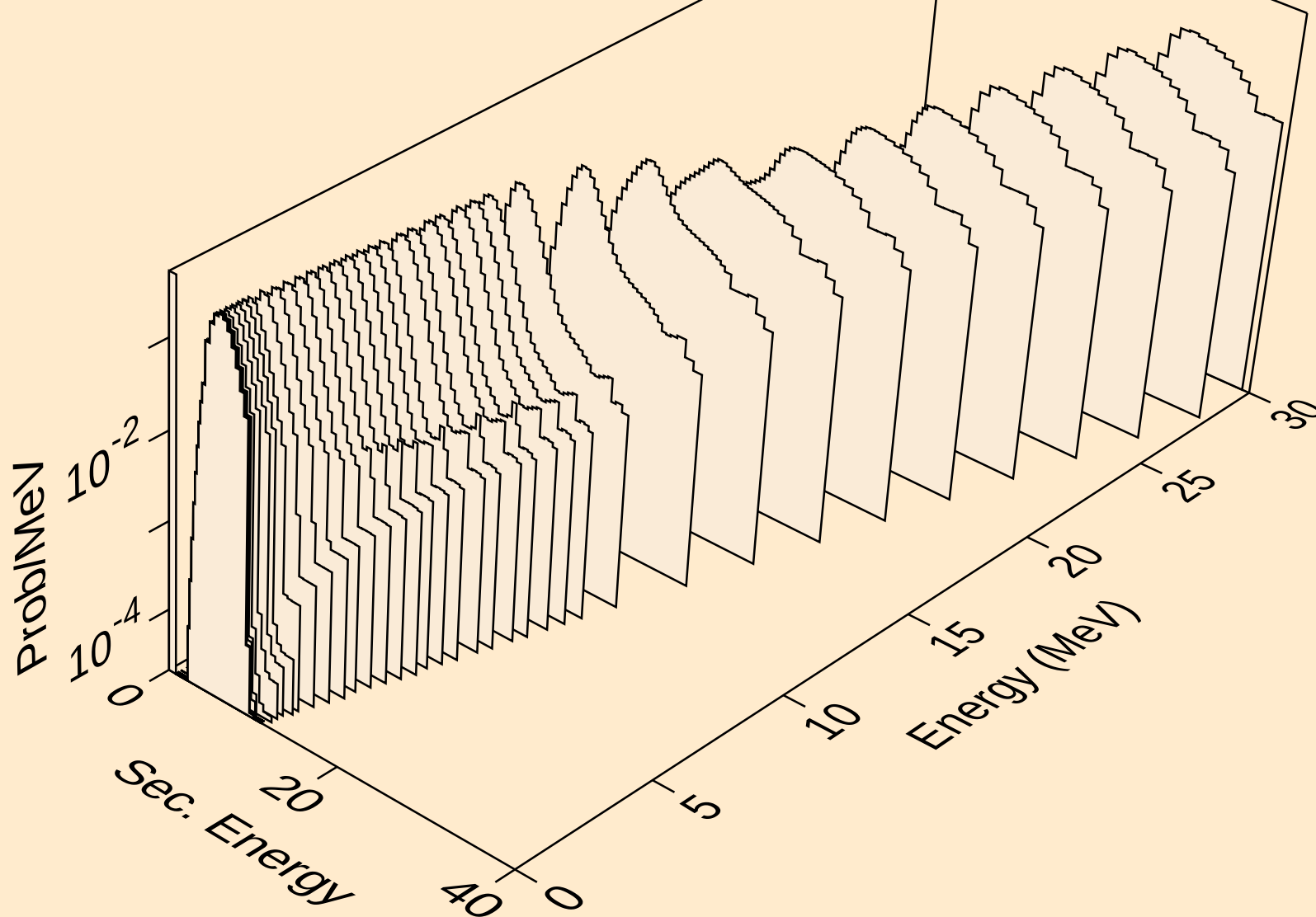
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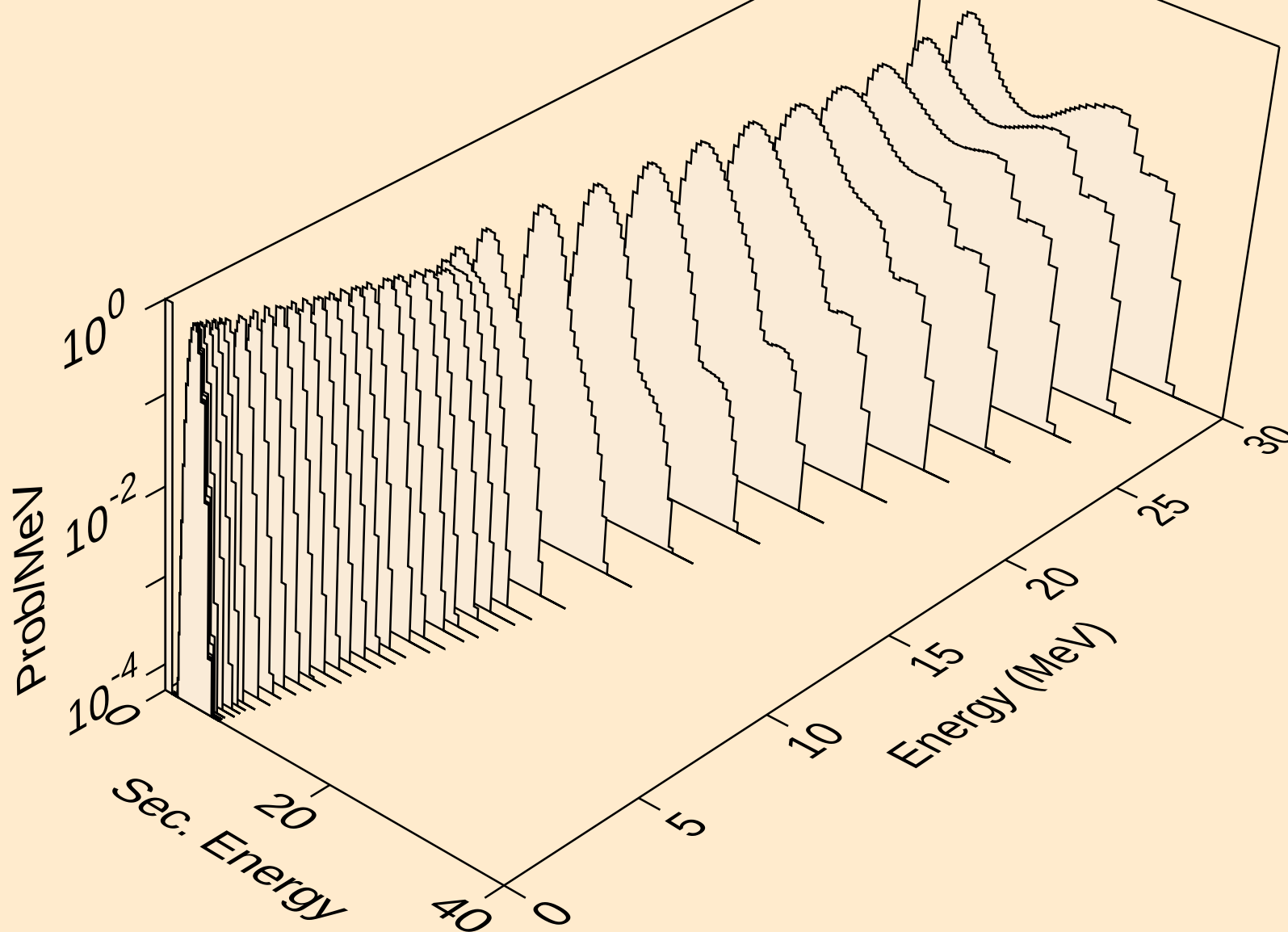
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protons from (n,npa)



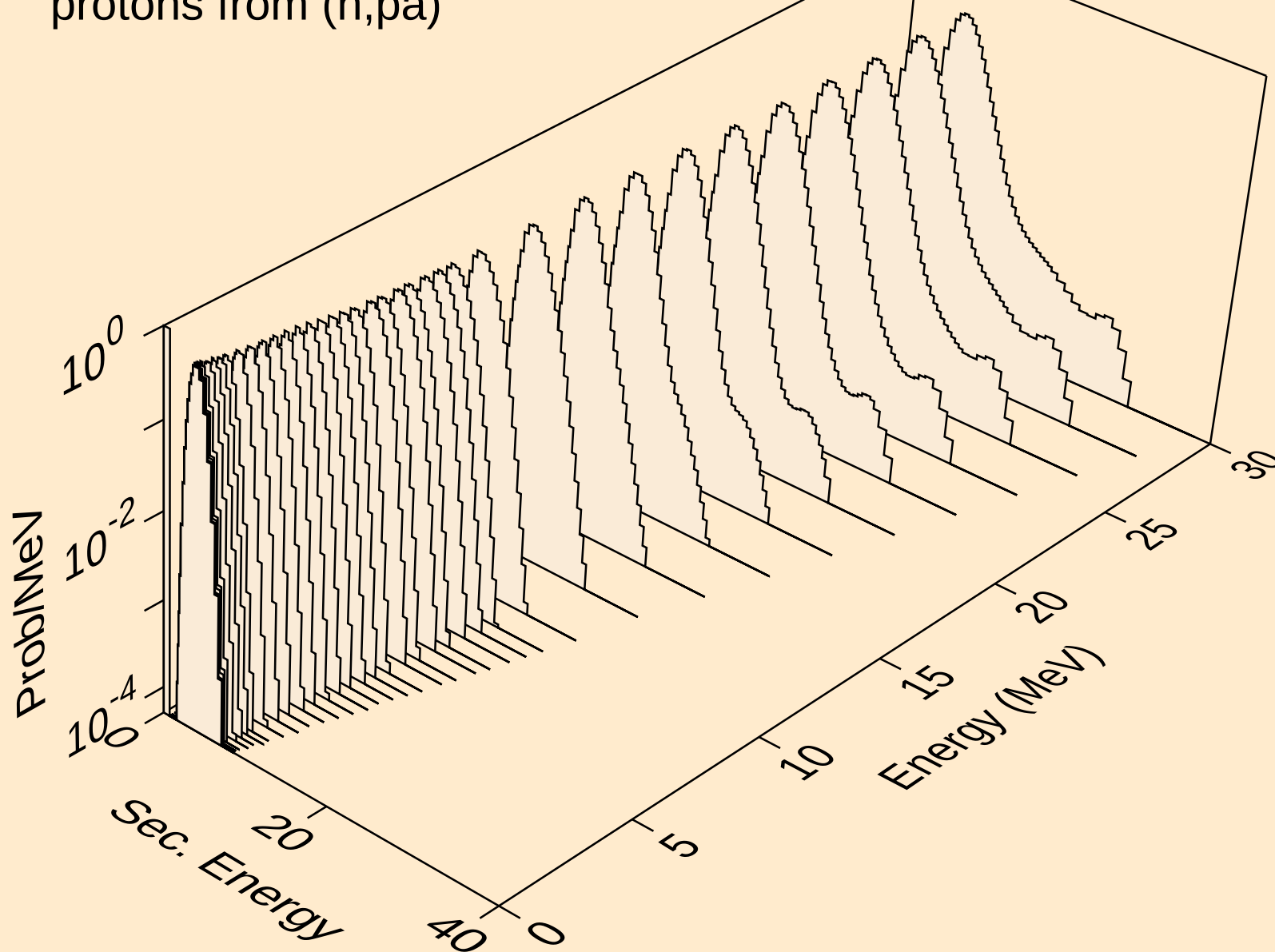
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protons from (n,p)



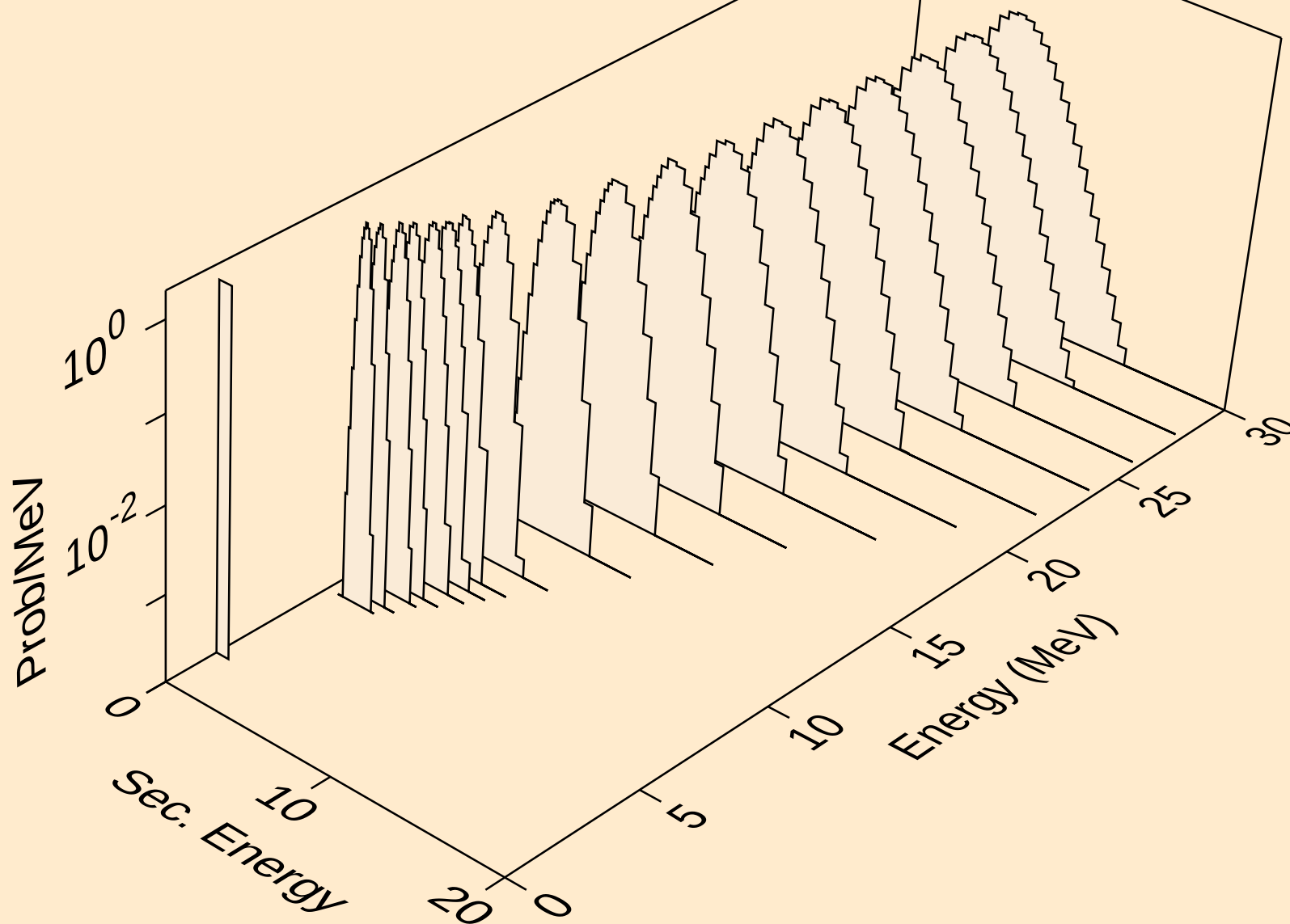
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protons from (n,2p)



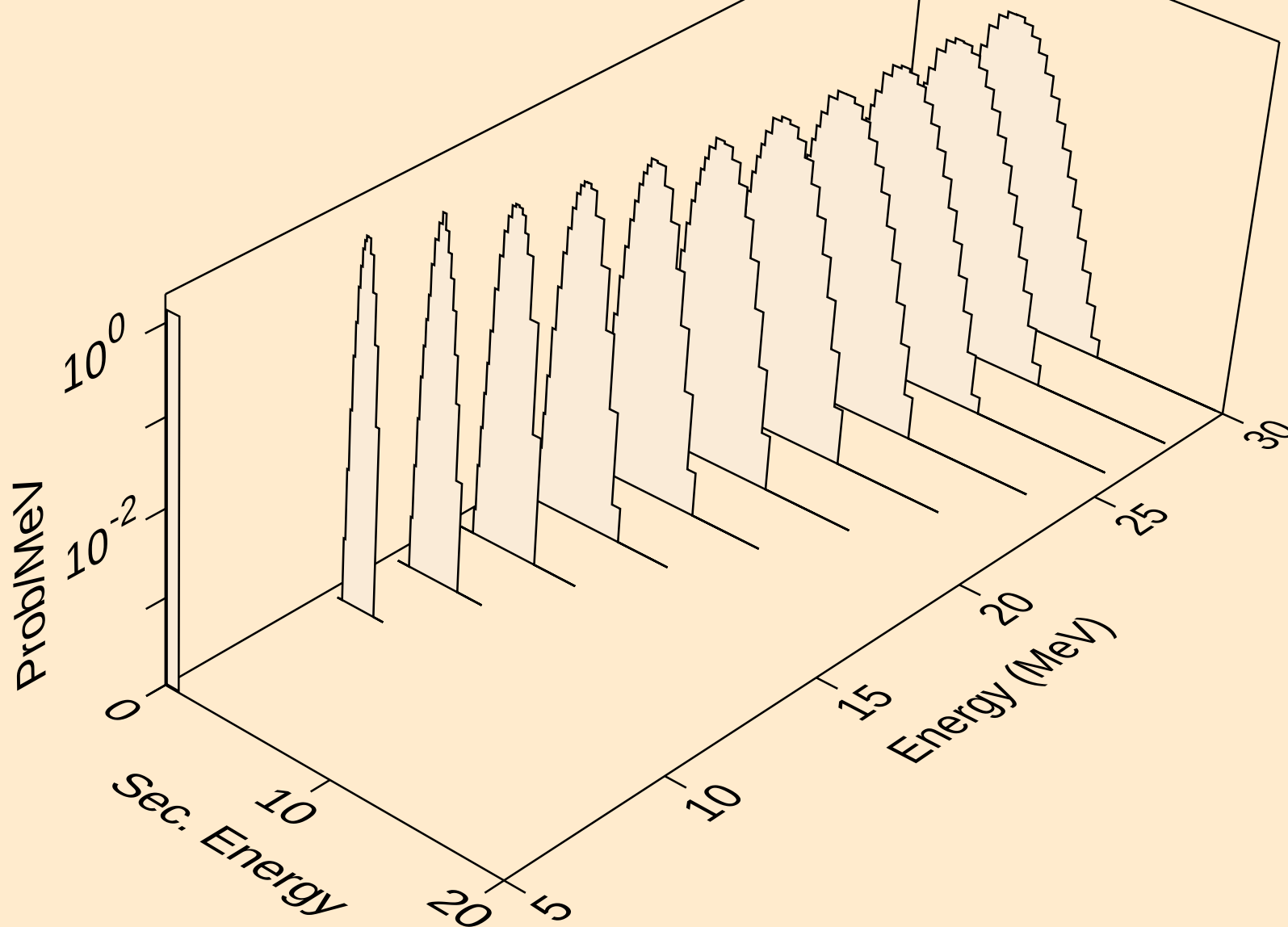
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protons from (n,p)



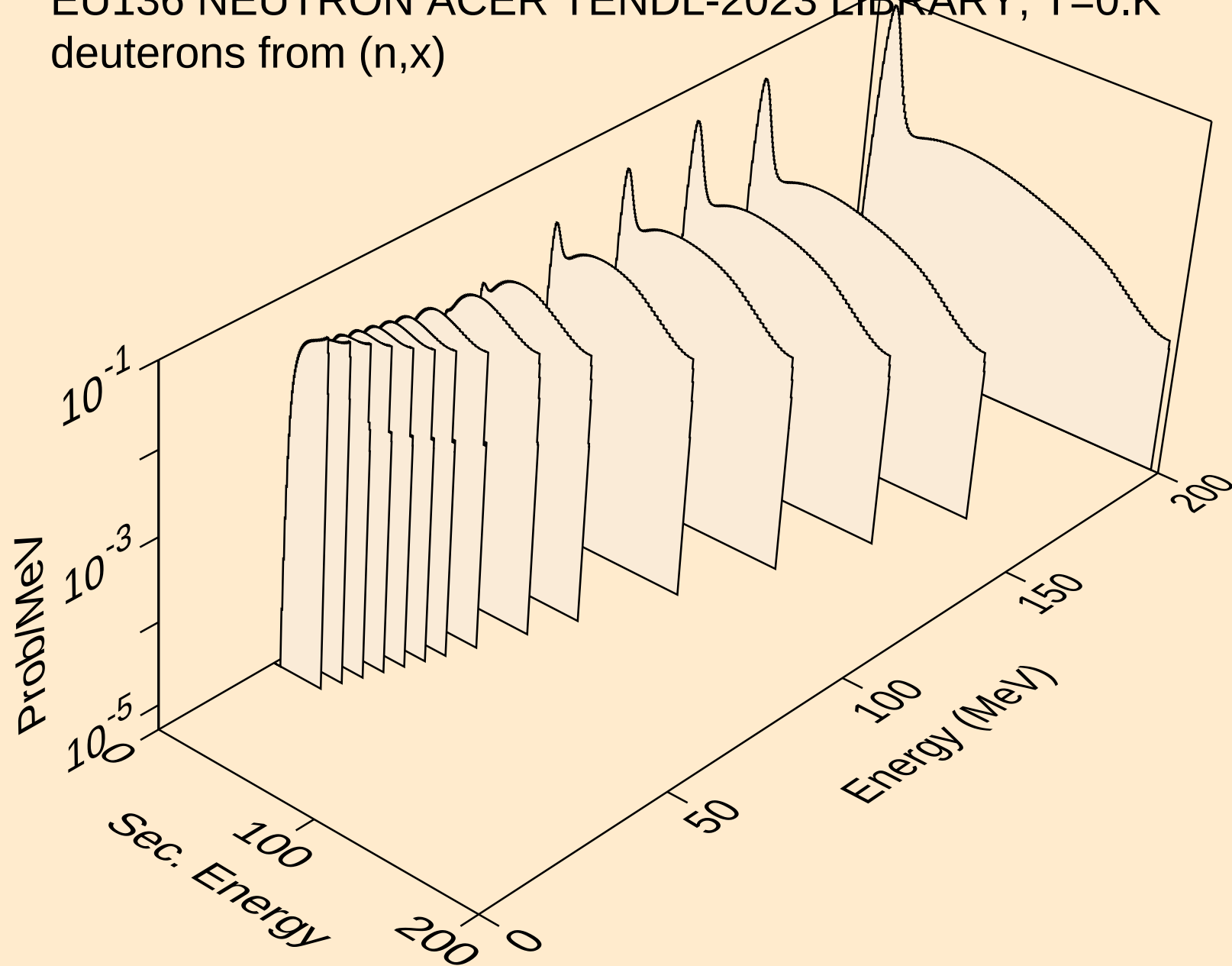
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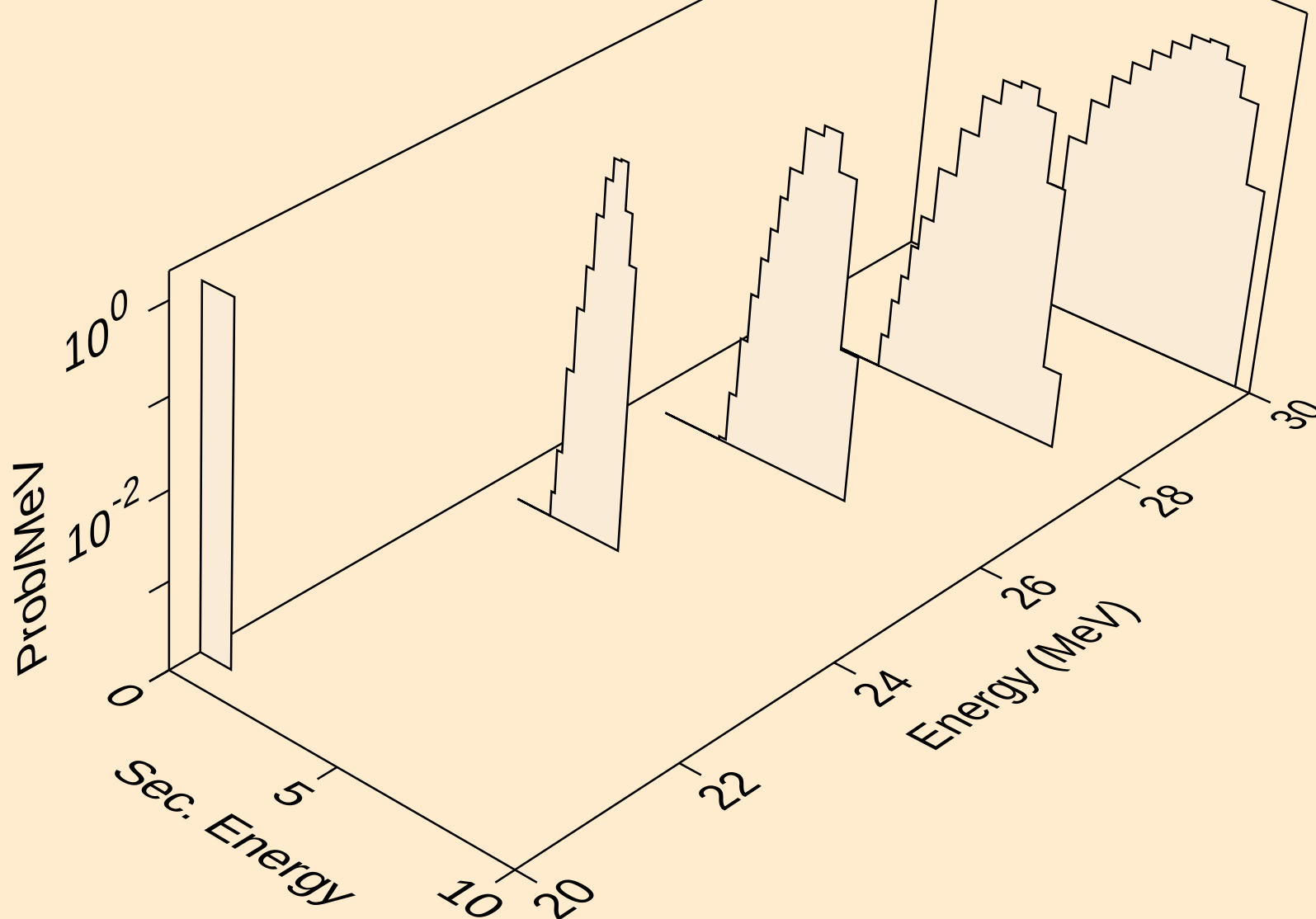
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protons from (n,pt)



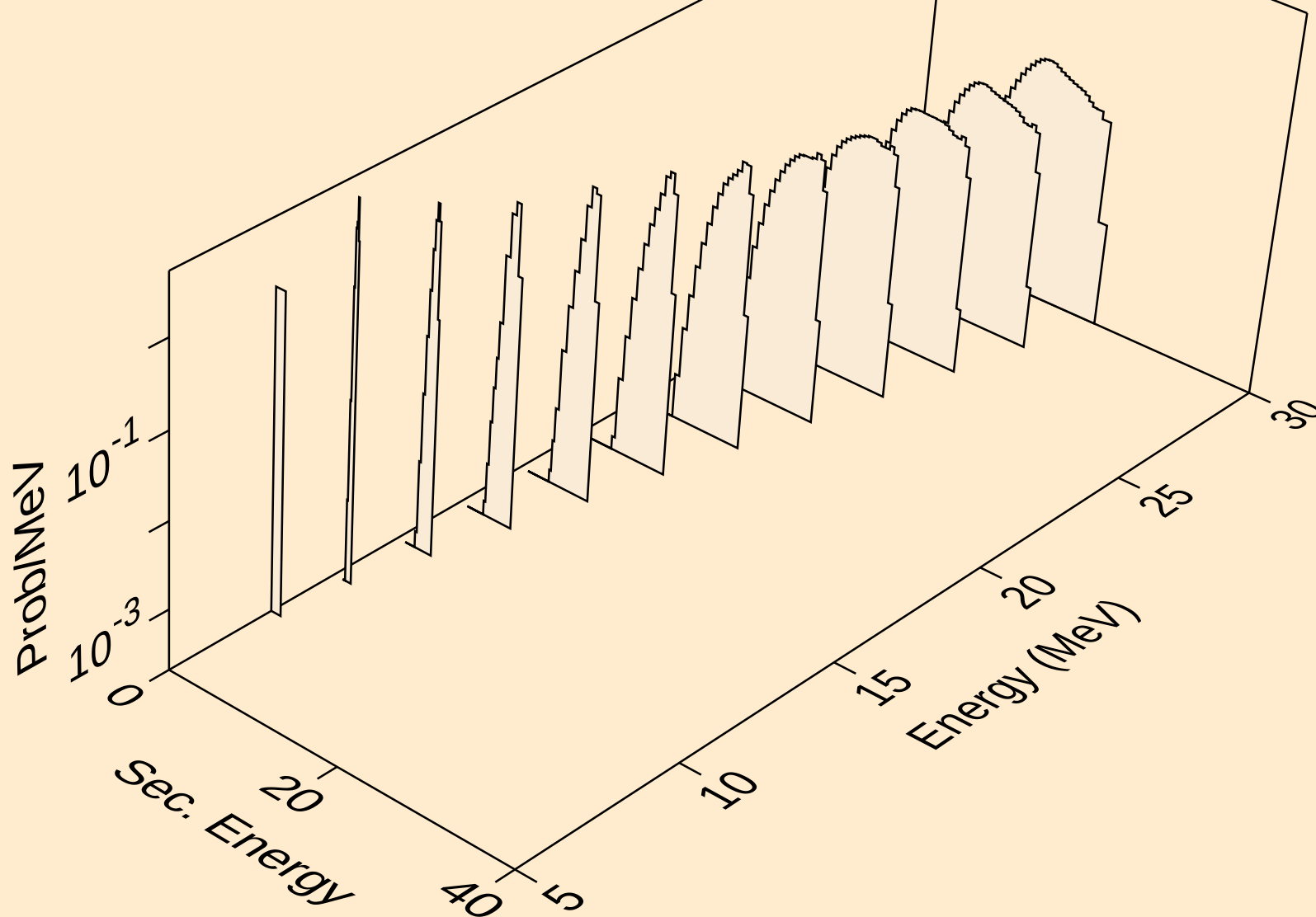
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



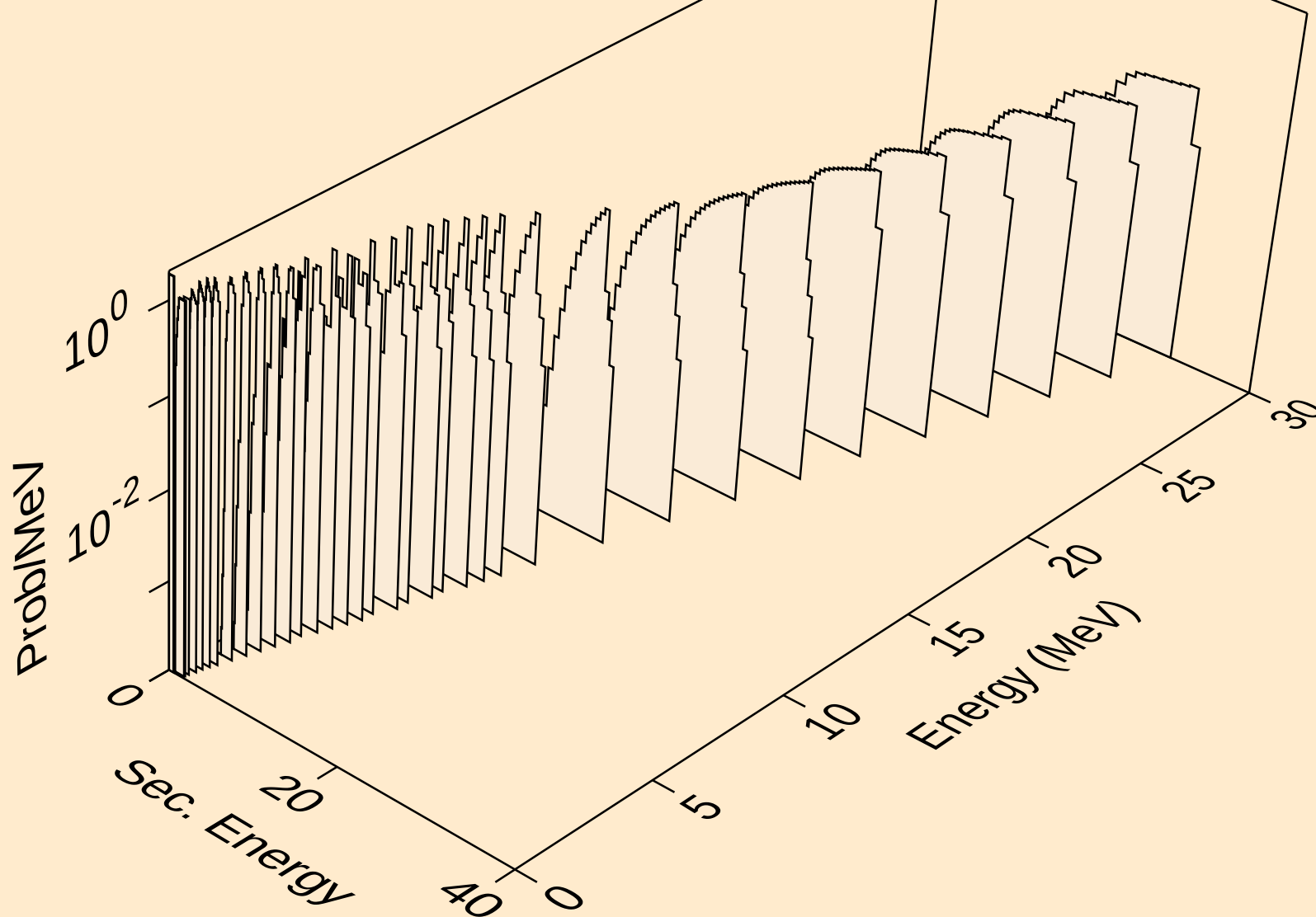
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deuterons from (n,2nd)



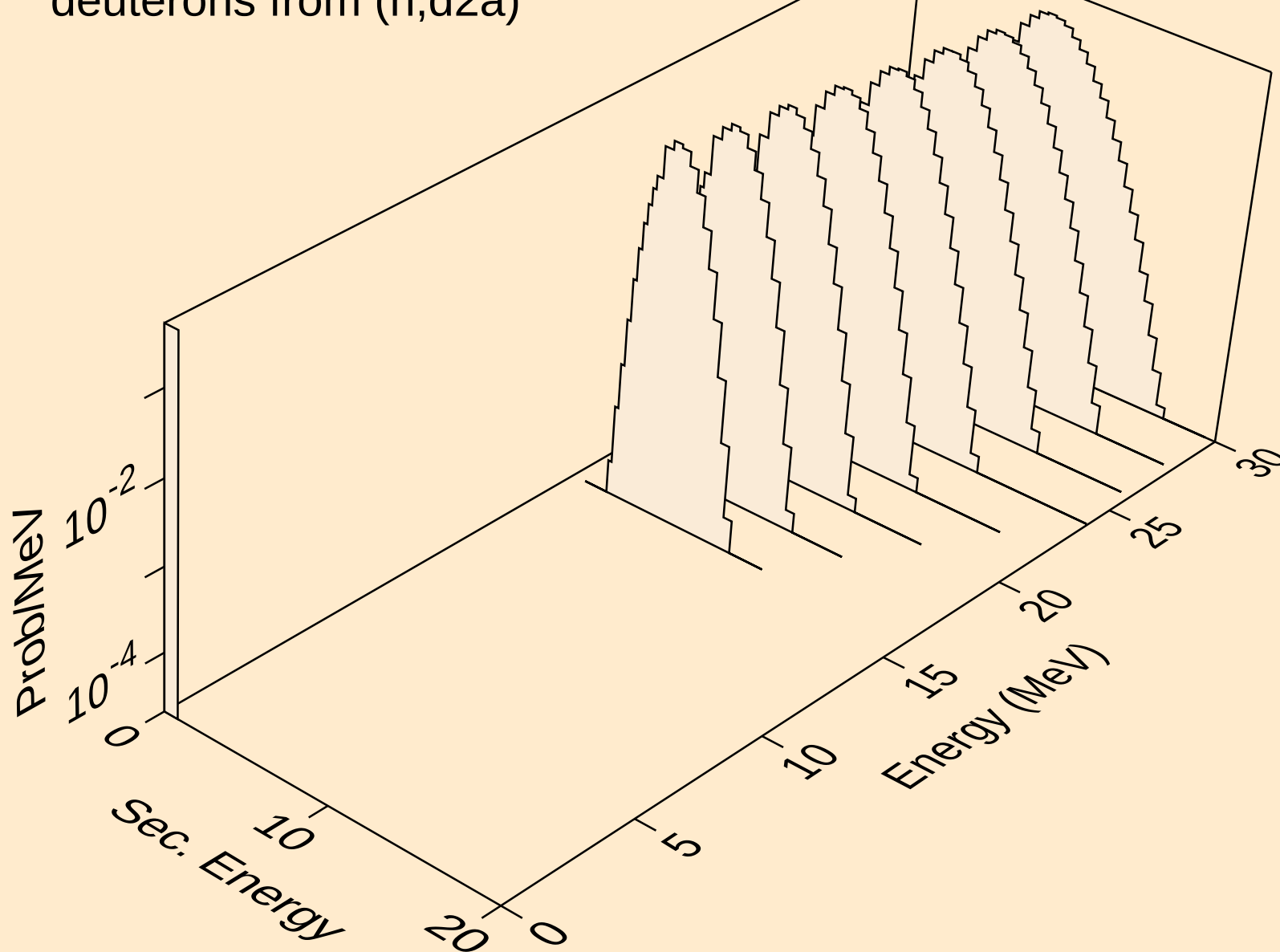
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deuterons from (n,n*)d



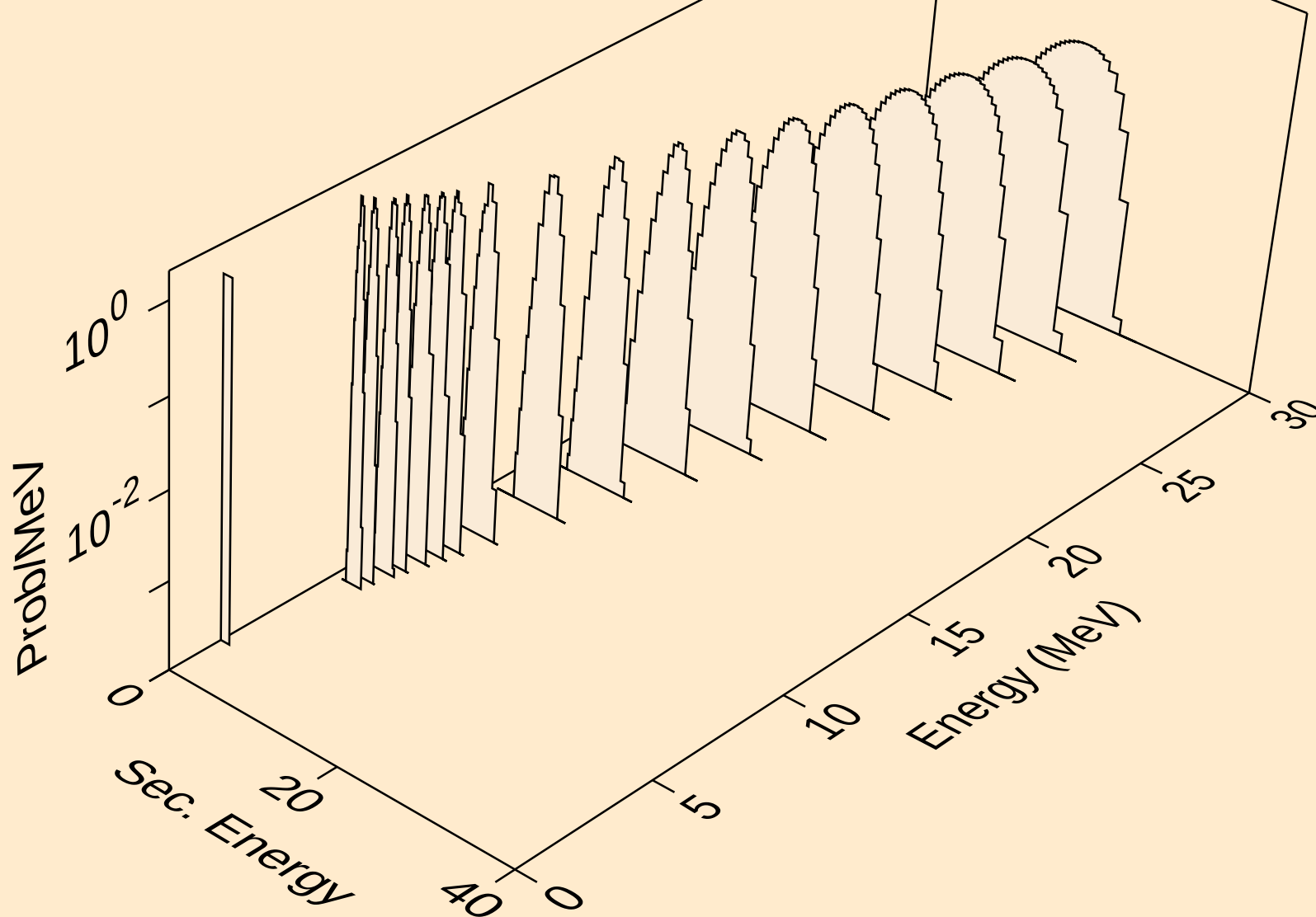
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deuterons from (n,d)



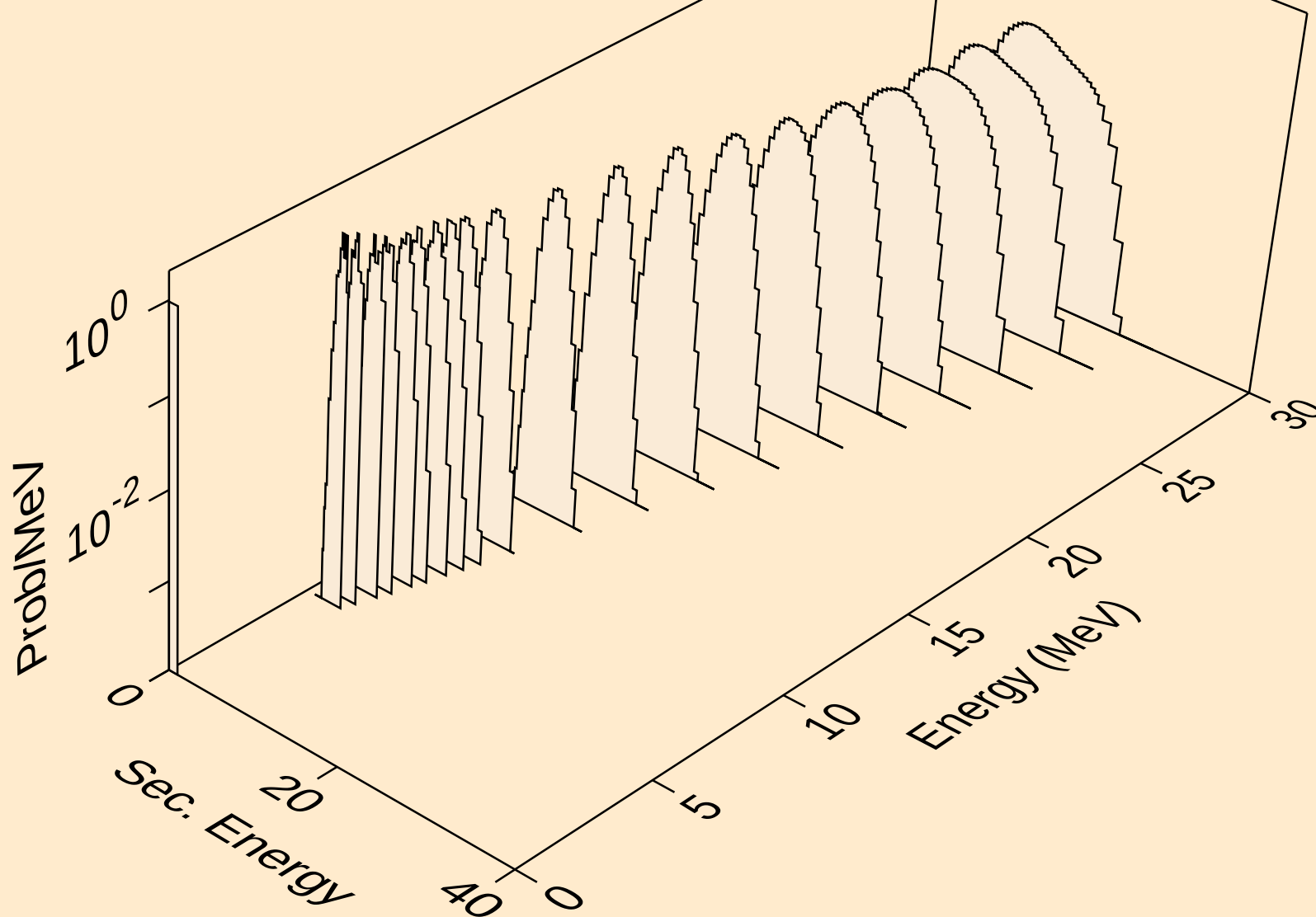
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deuterons from (n,d2a)



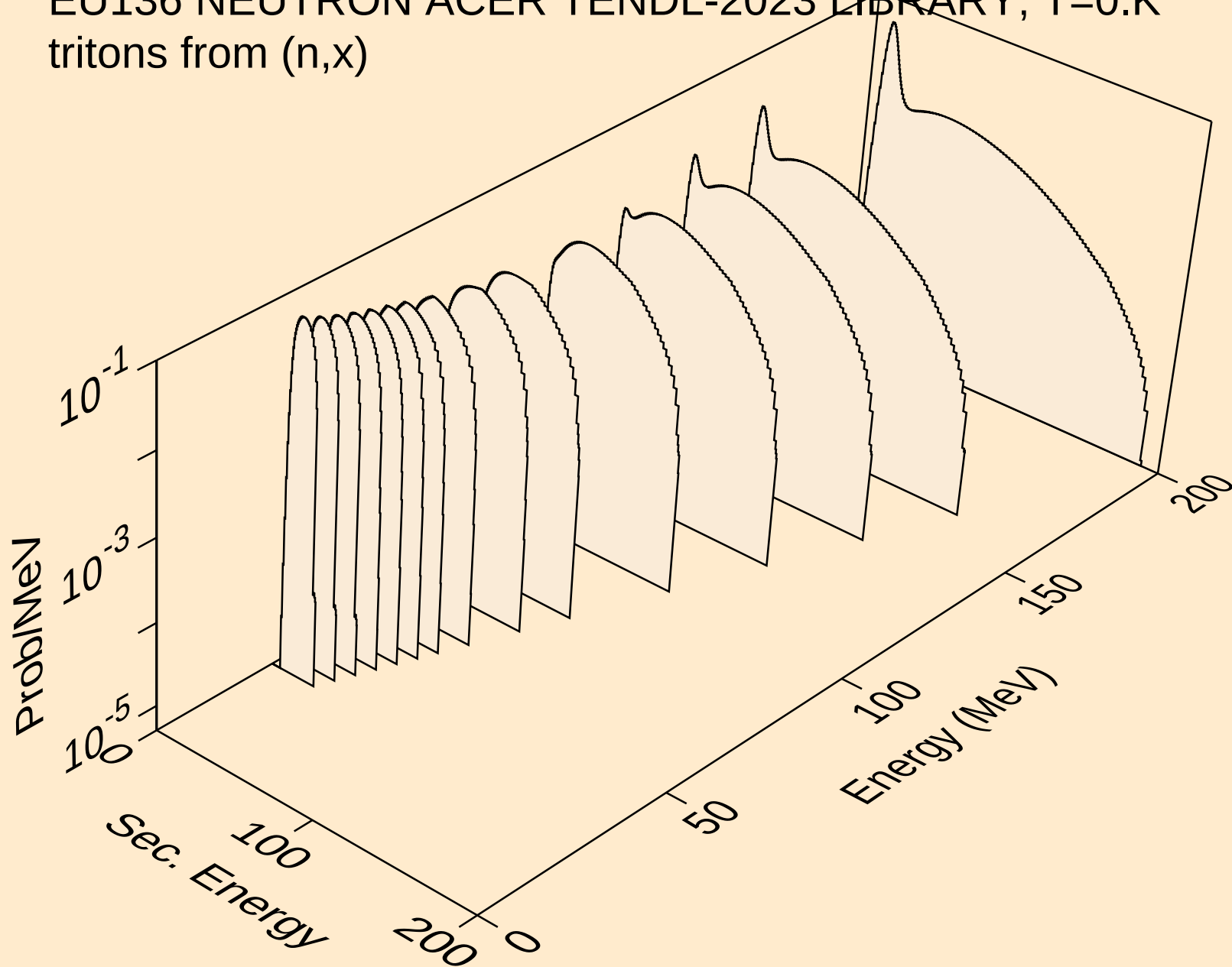
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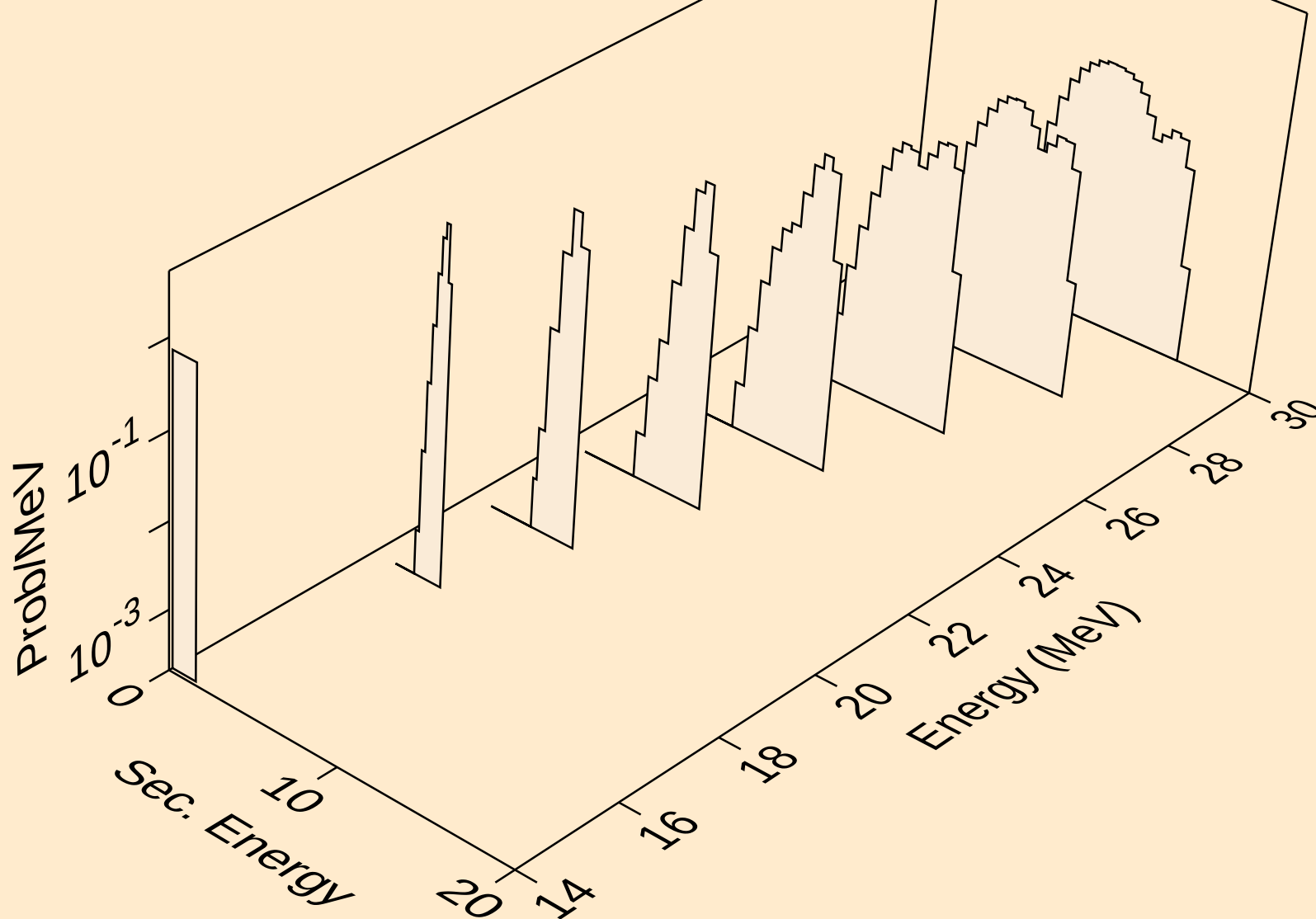
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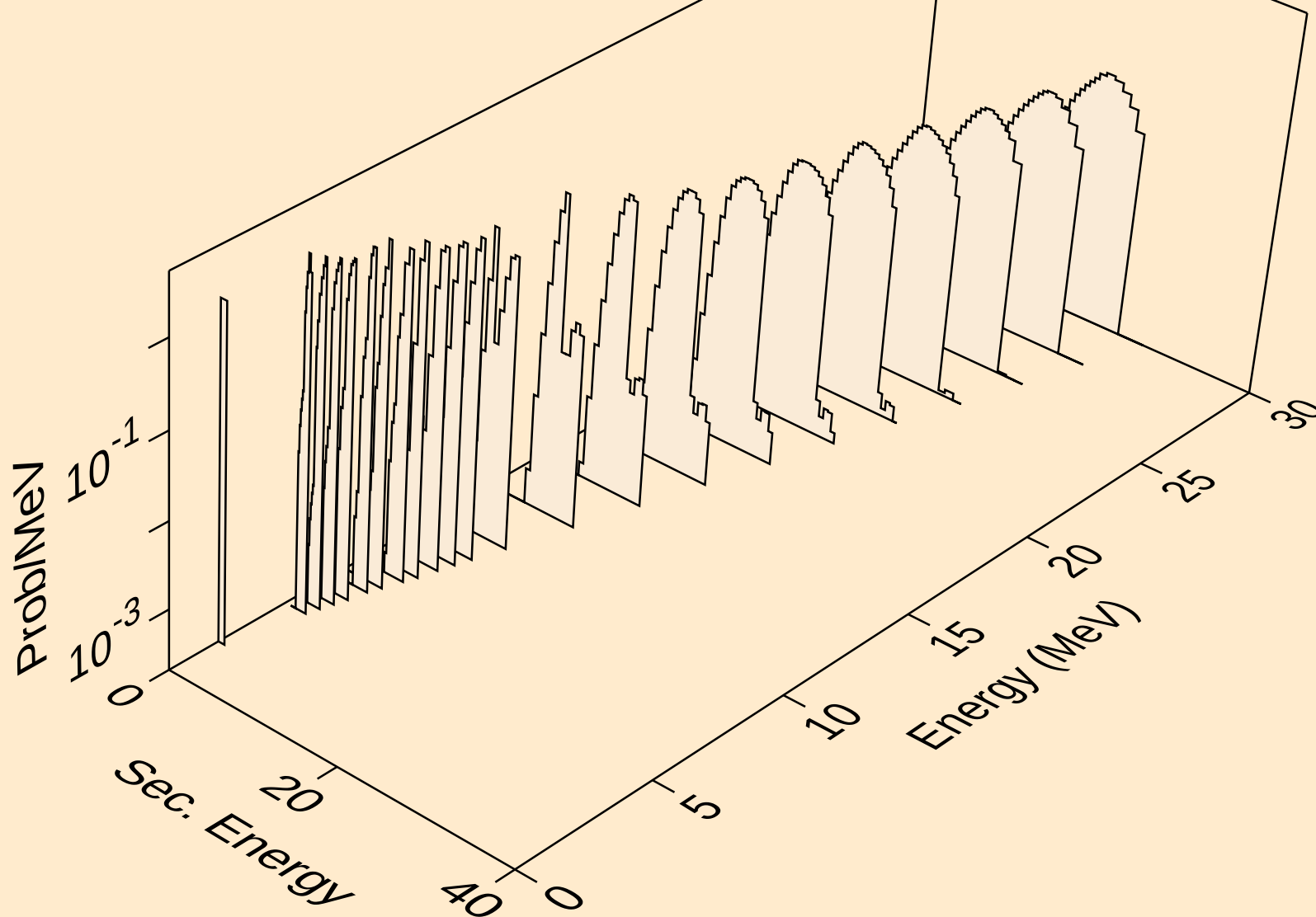
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tritons from (n,x)



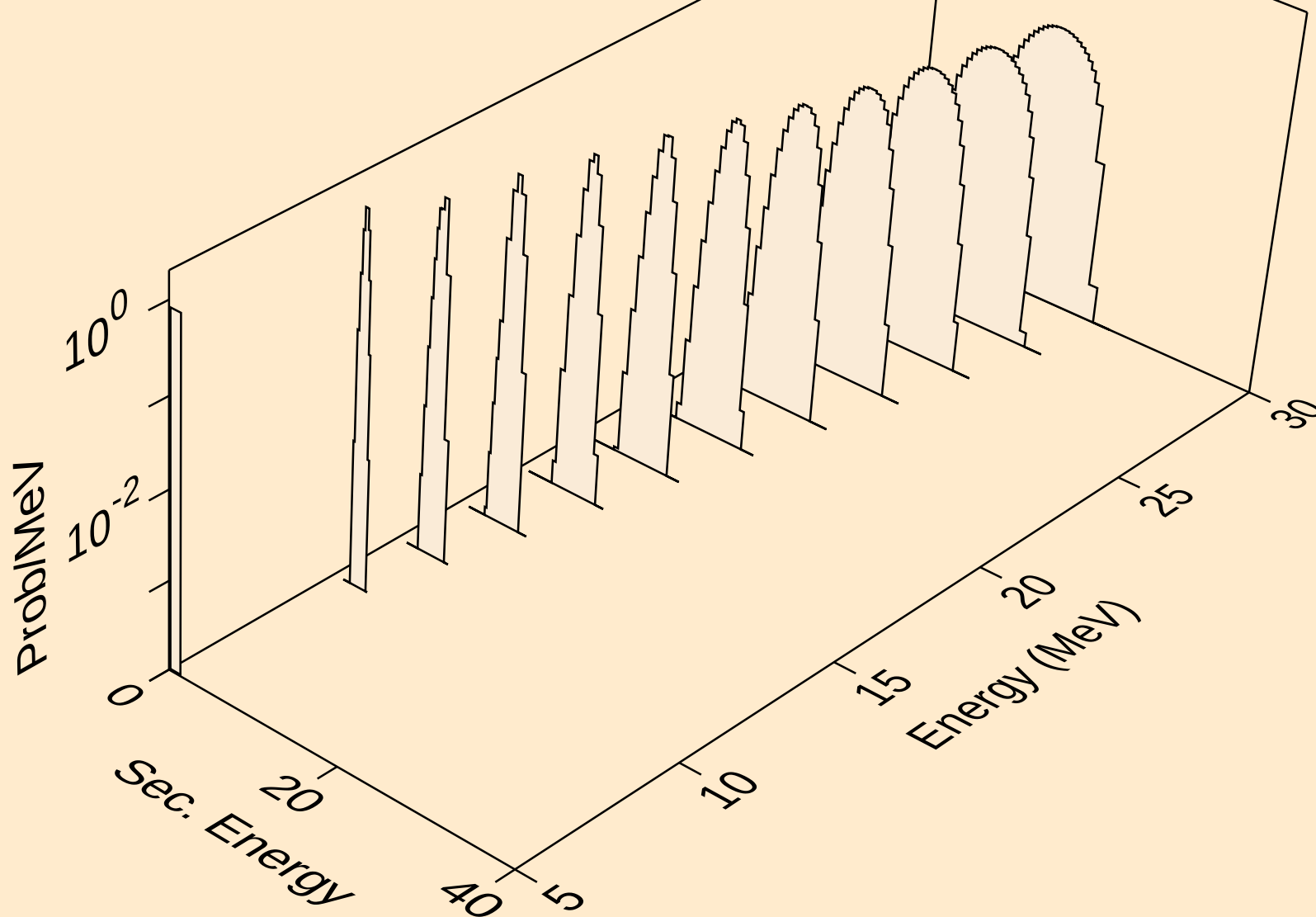
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tritons from (n,n*)t



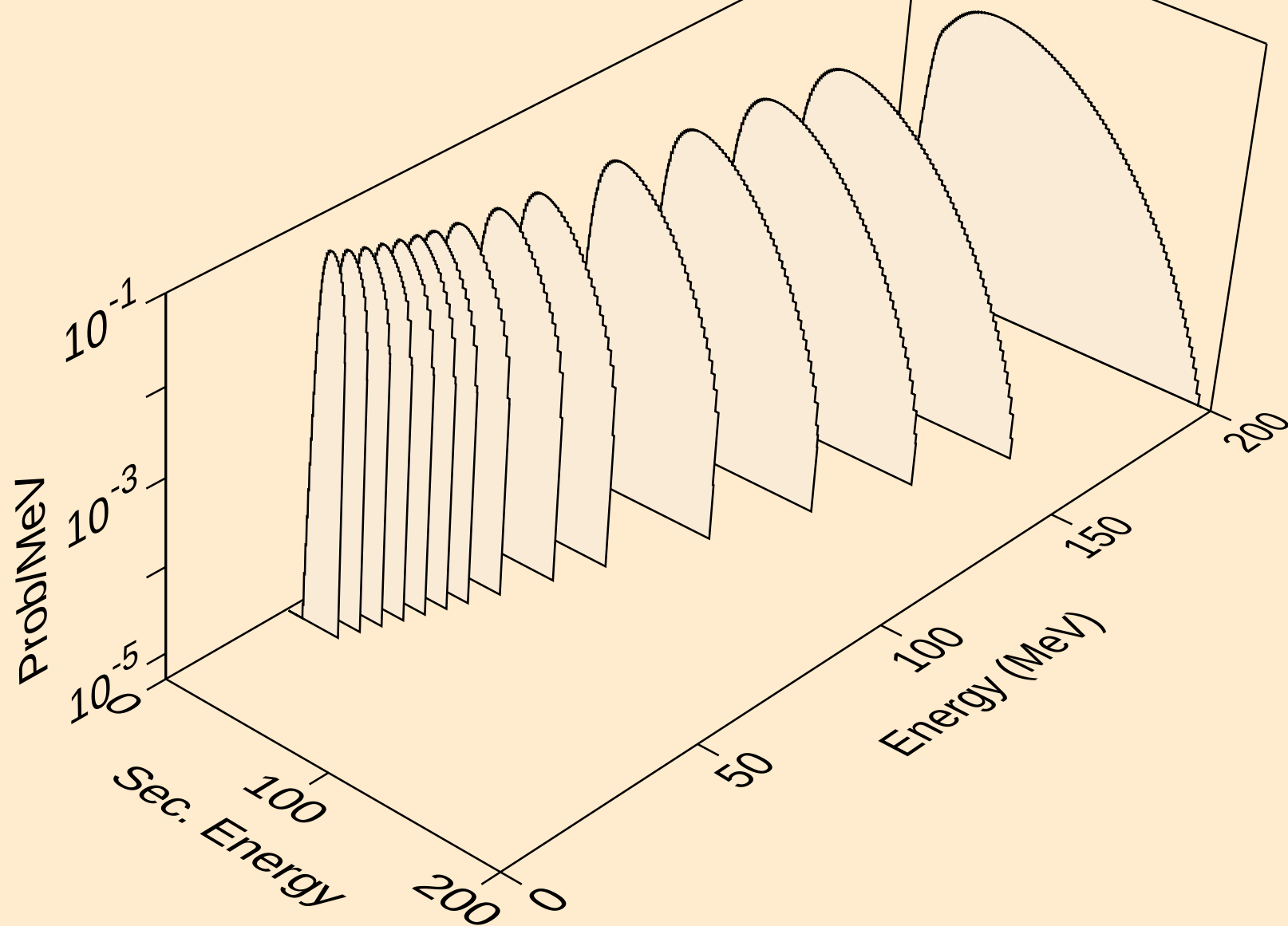
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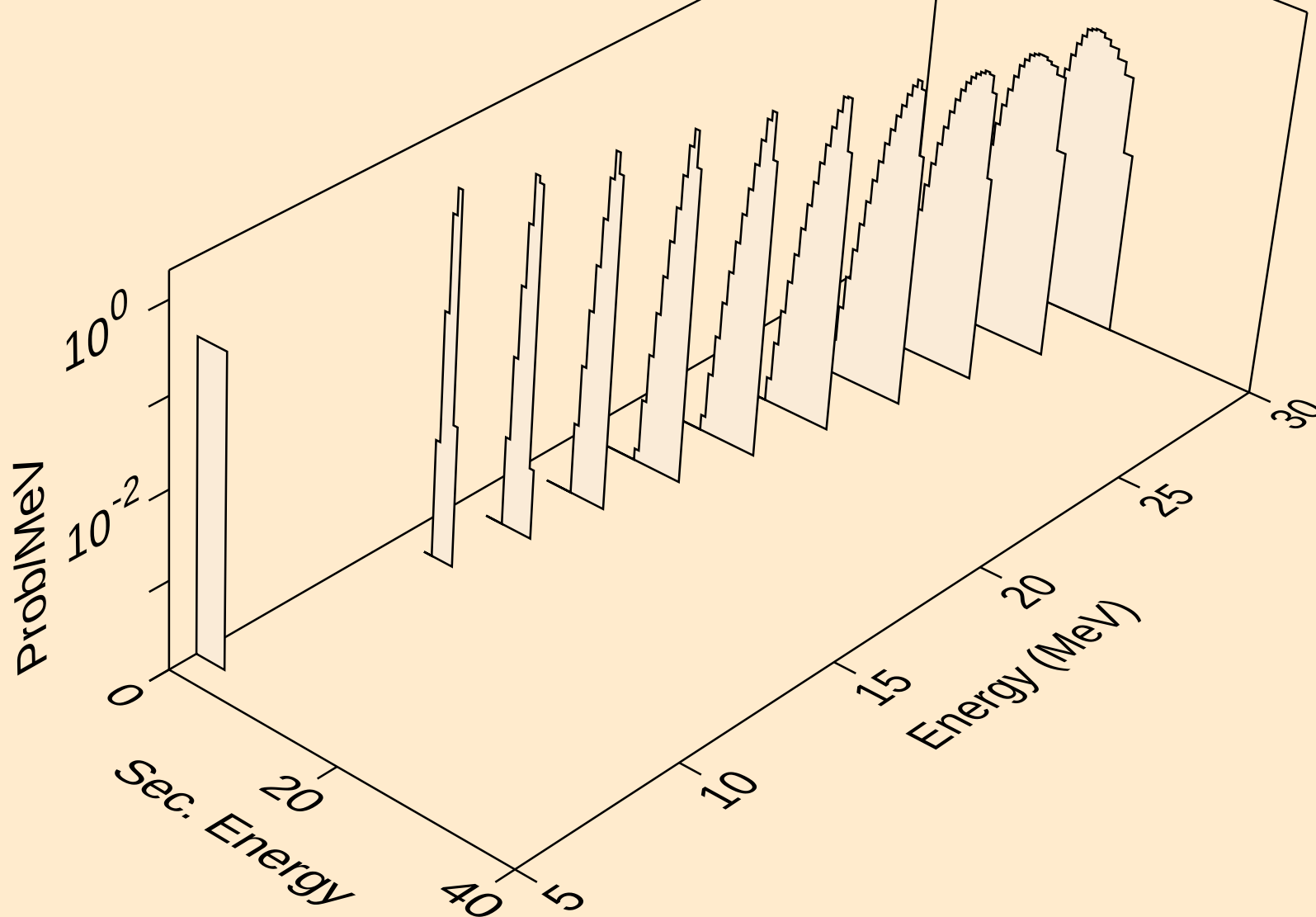
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tritons from (n,pt)



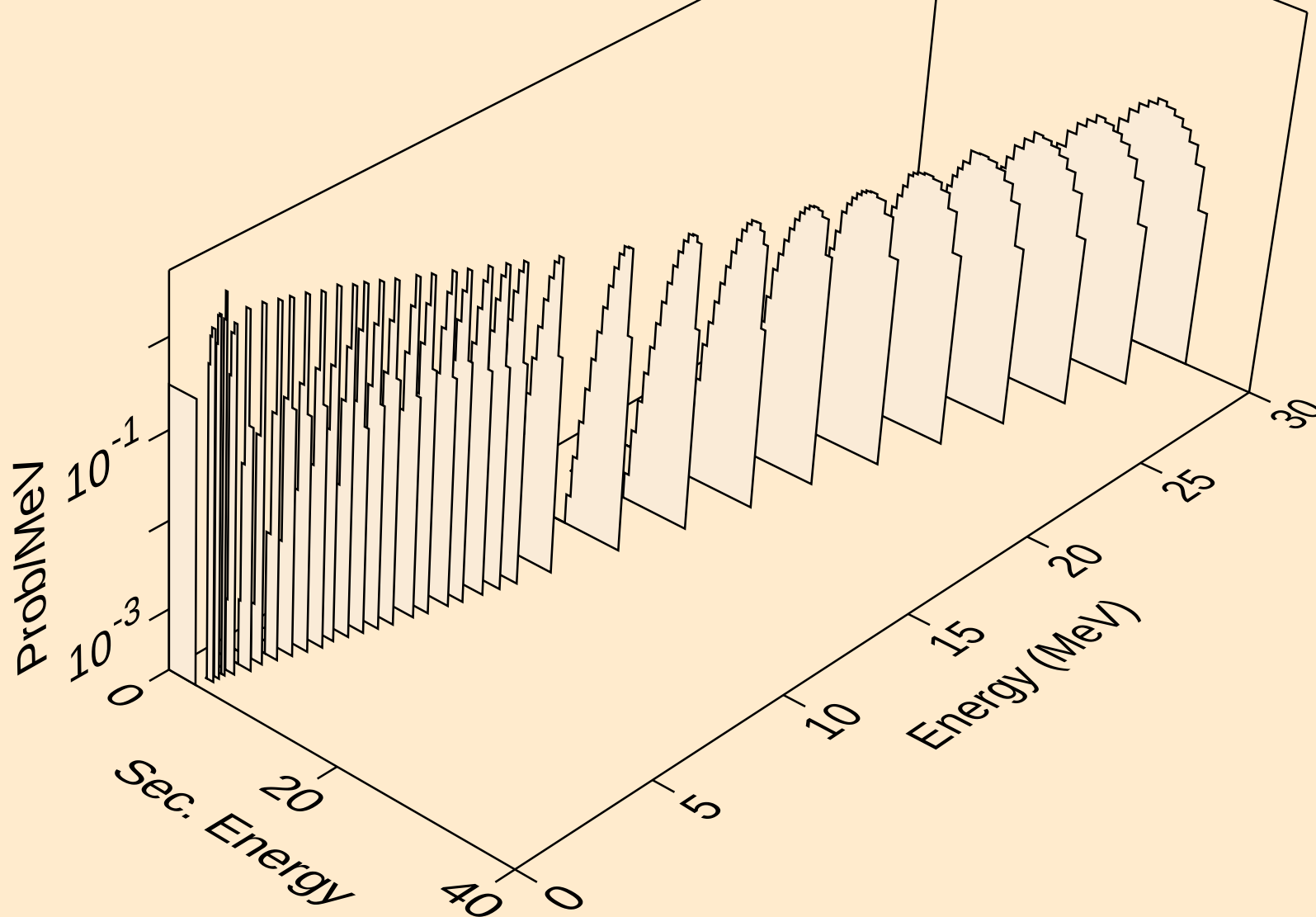
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he3s from (n,x)



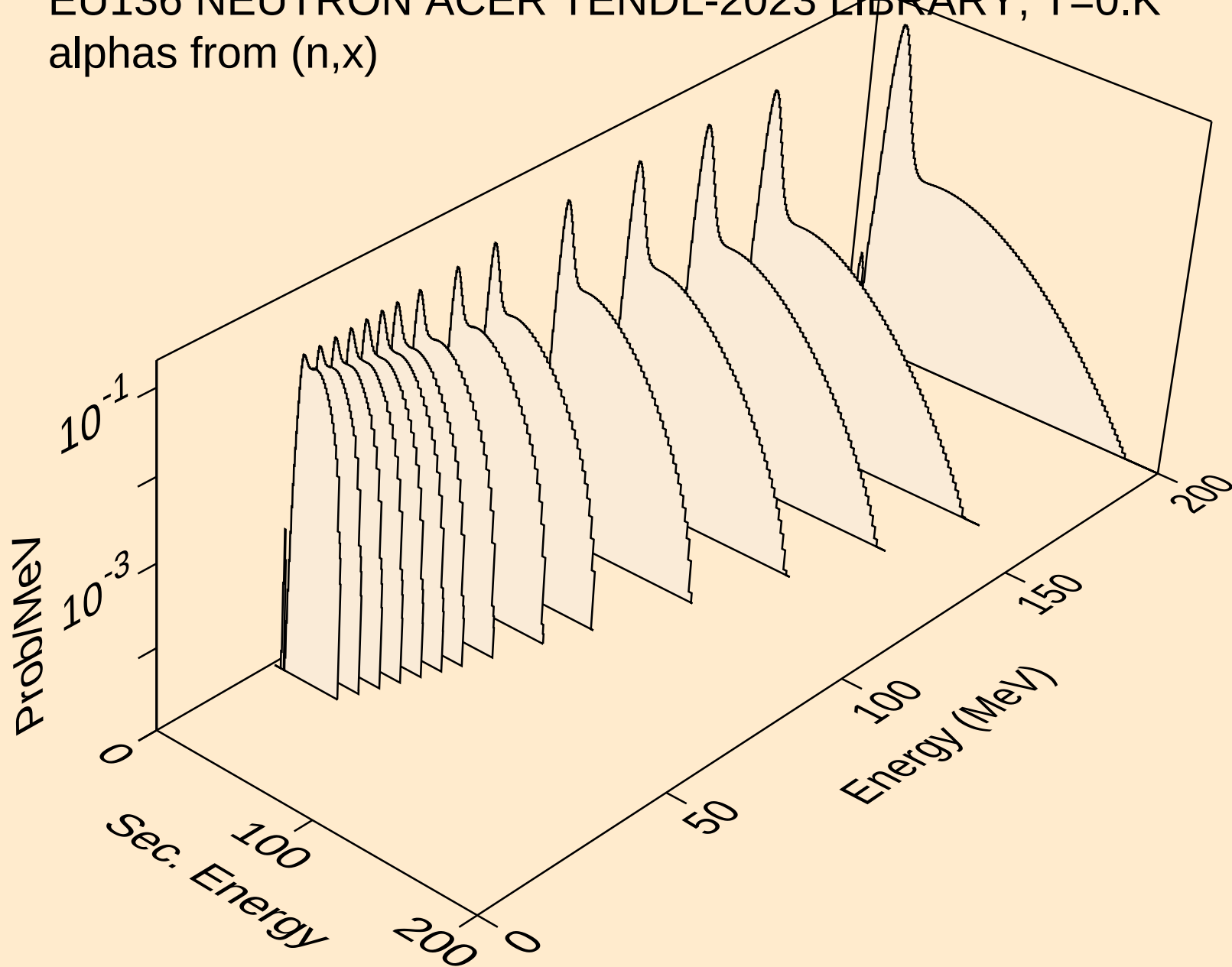
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he3s from (n,n*)he3



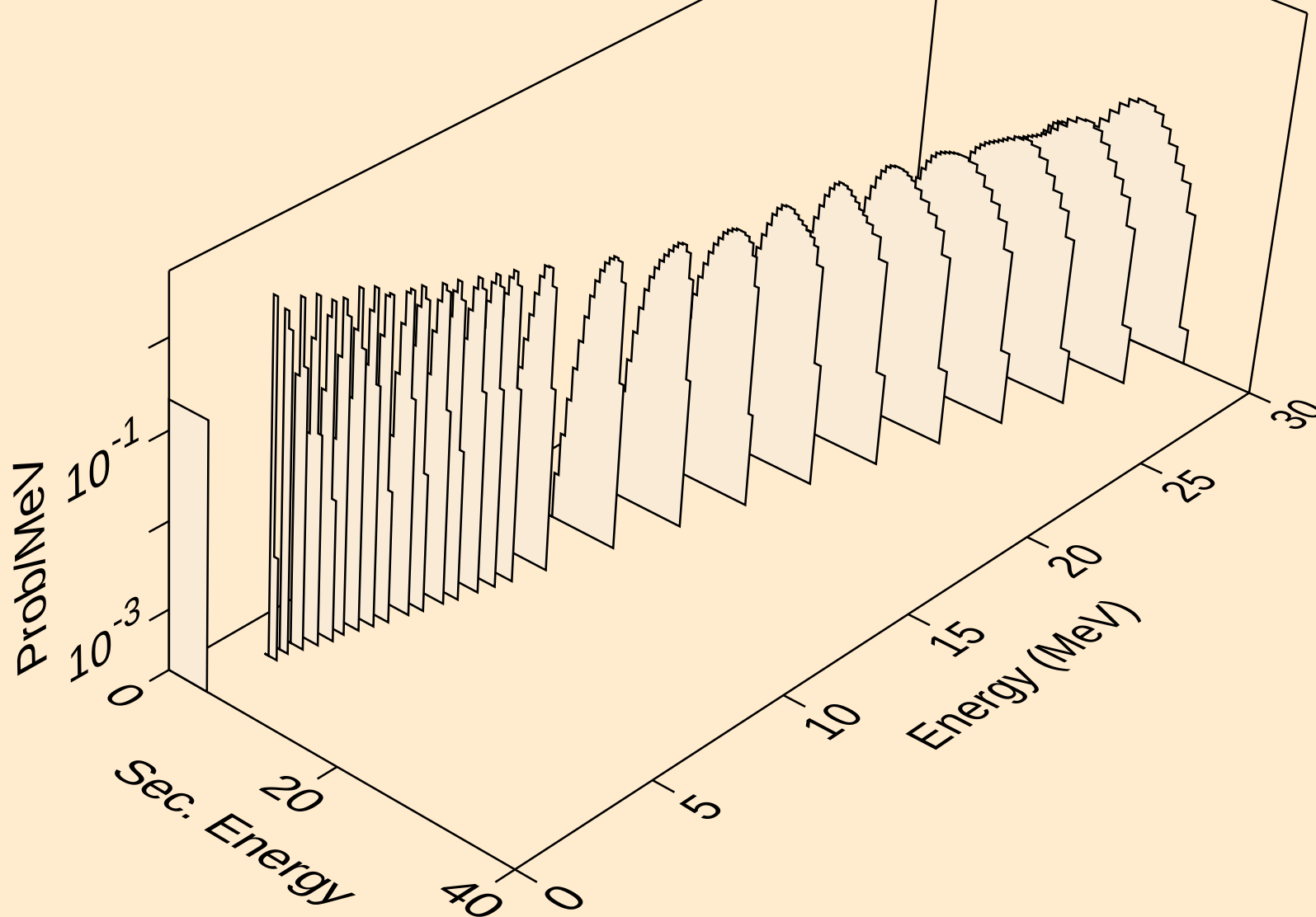
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he3s from (n,he3)



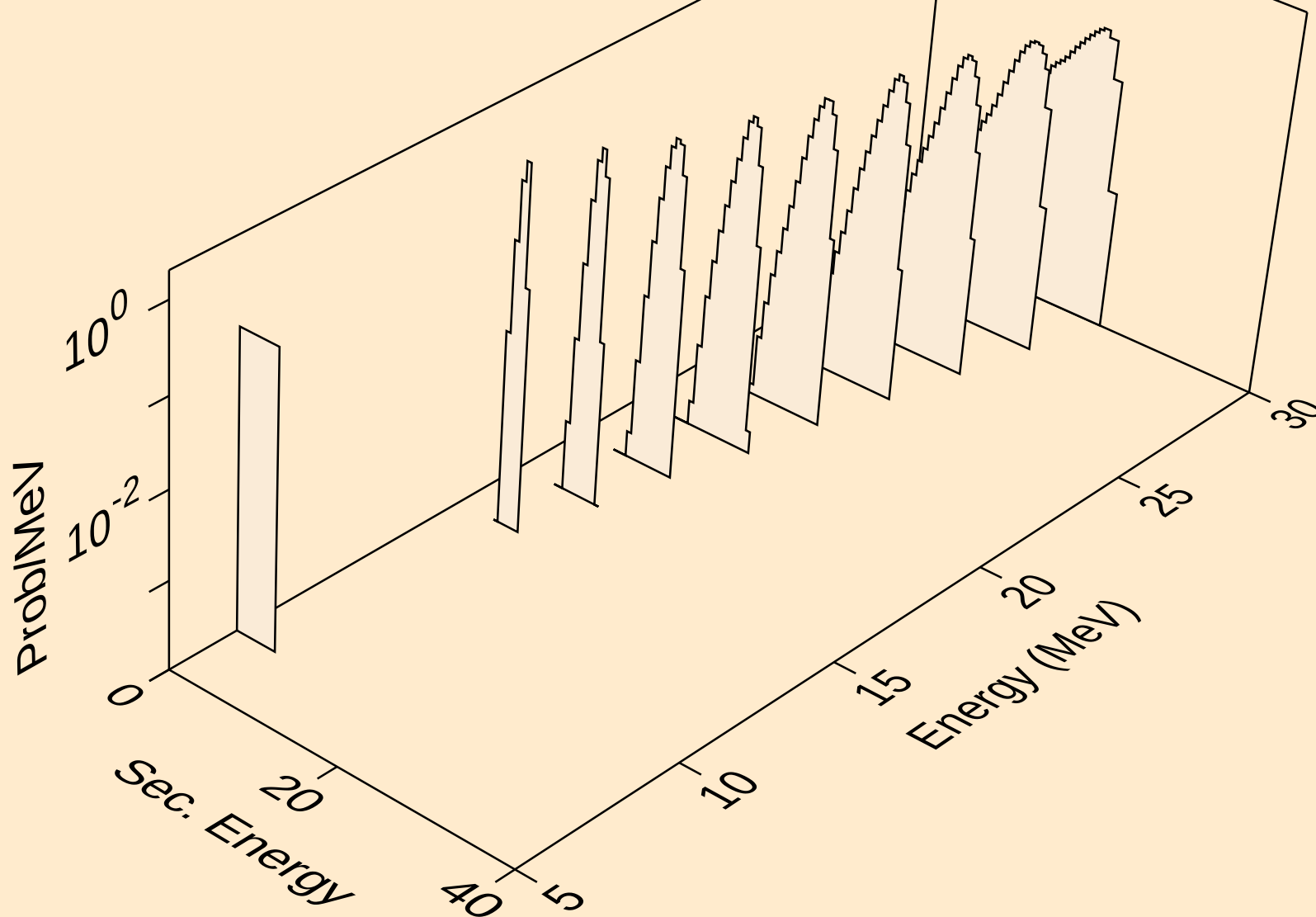
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alphas from (n,x)



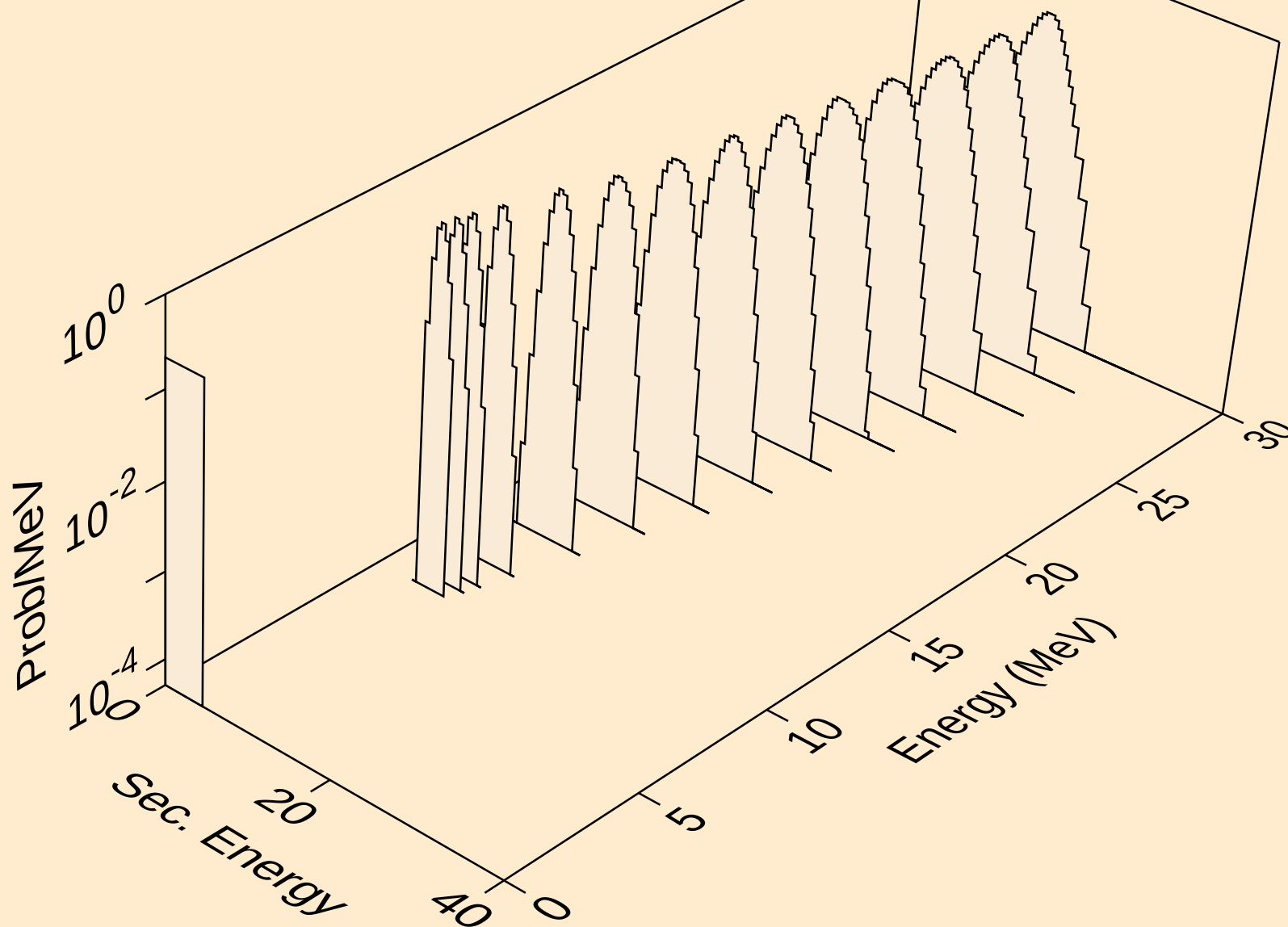
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alphas from (n,n*)a



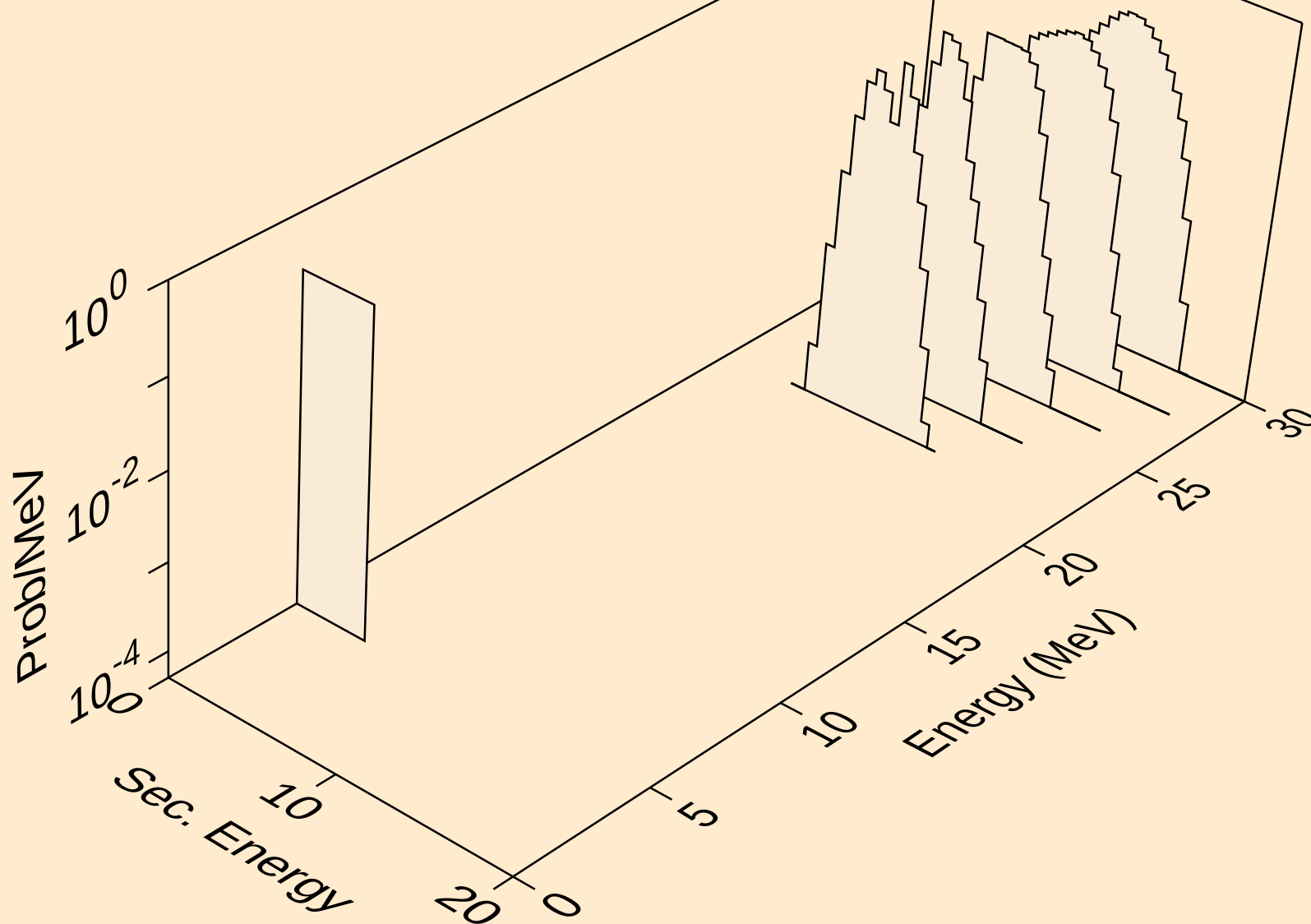
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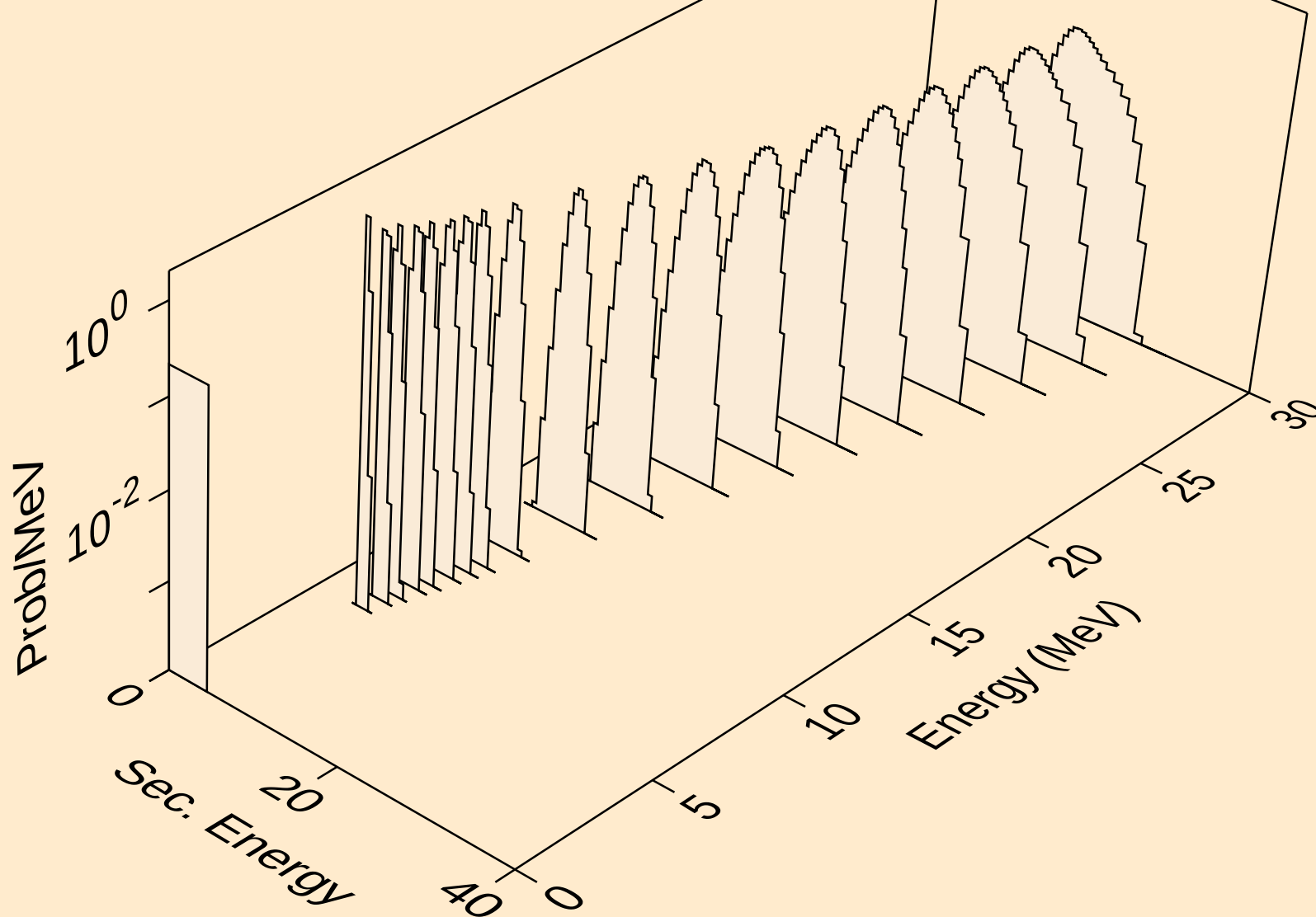
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alphas from (n,n*)2a



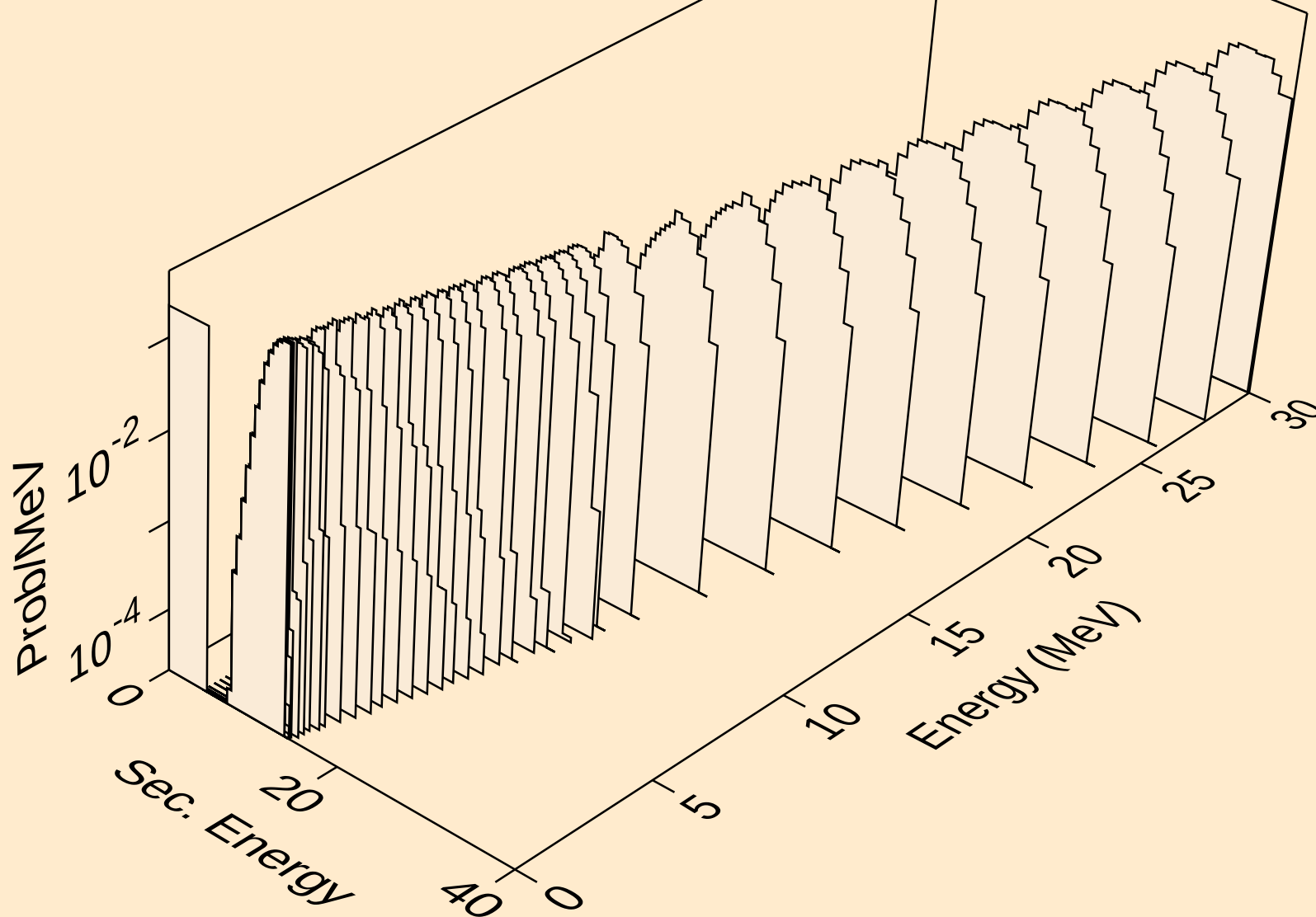
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alphas from (n,2n)2a



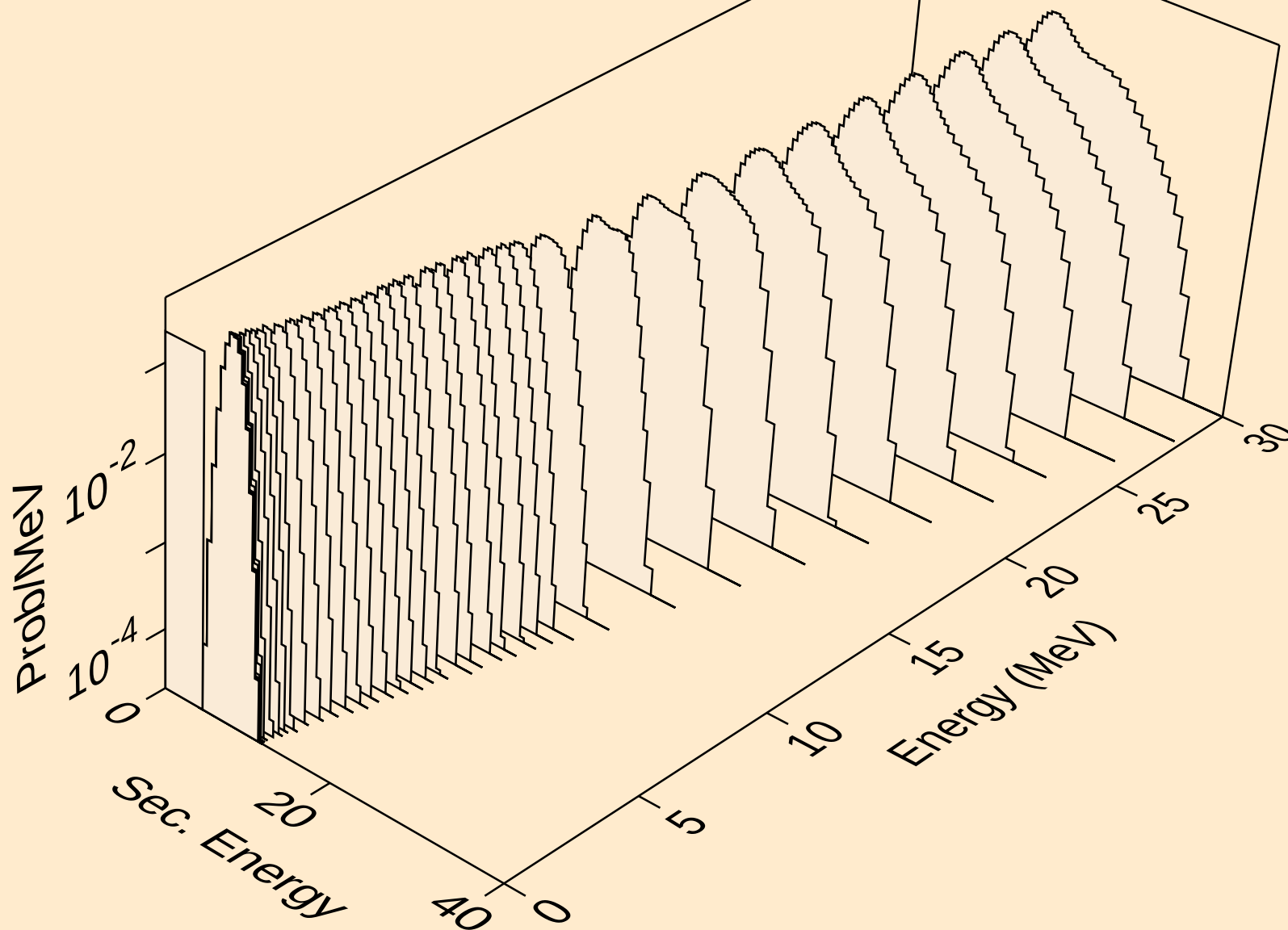
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alphas from (n,npa)



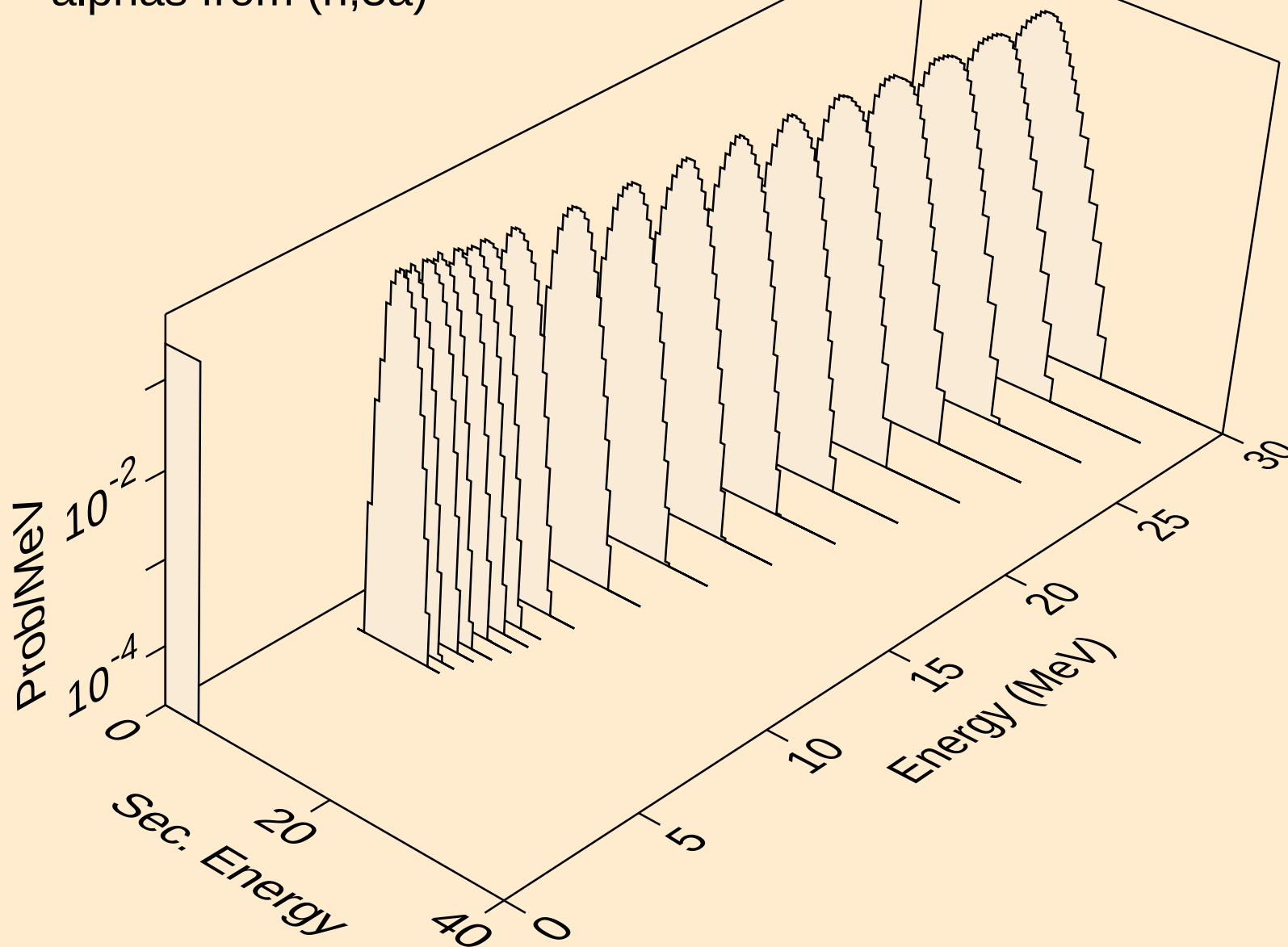
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alphas from (n,a)



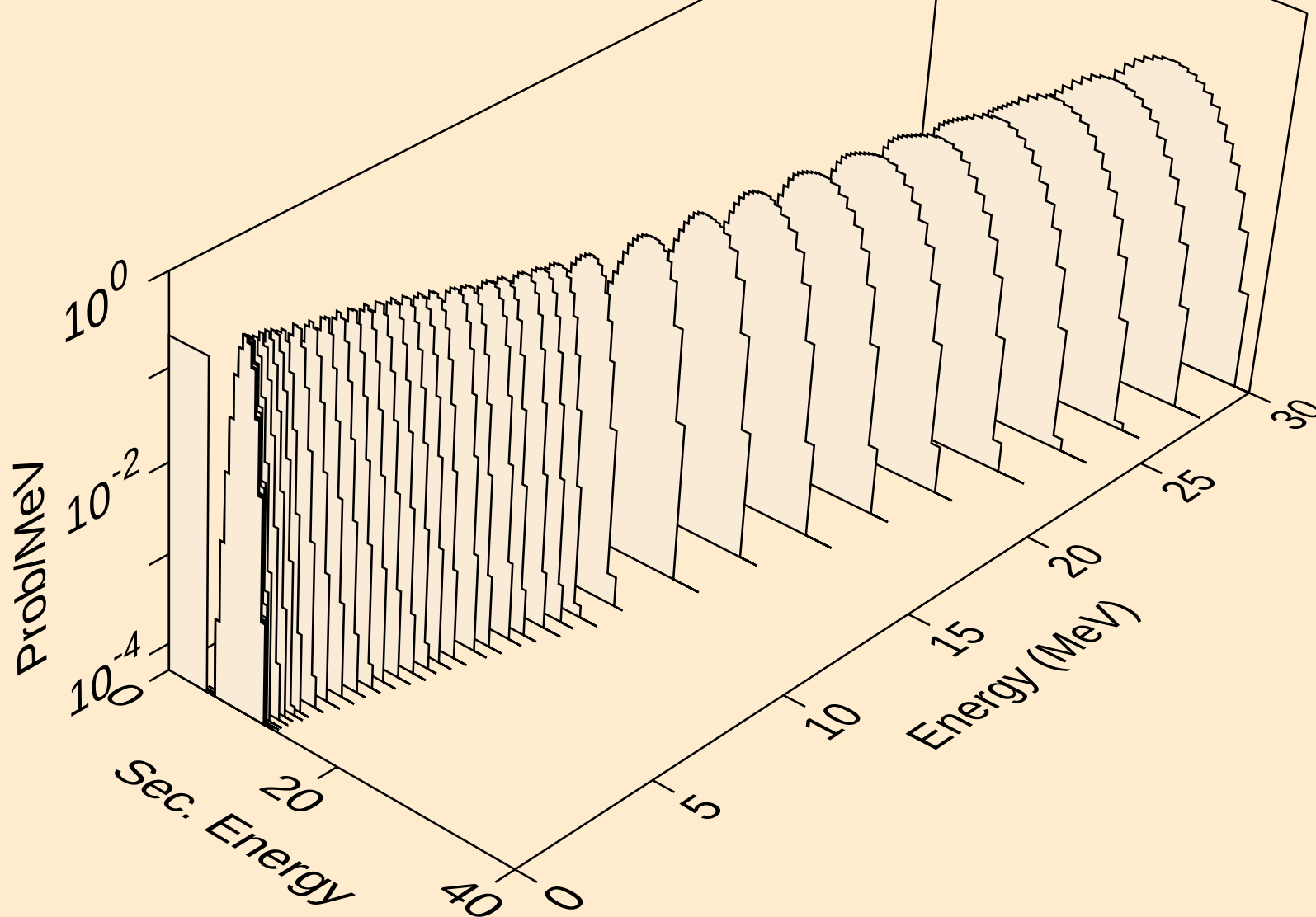
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alphas from (n,2a)



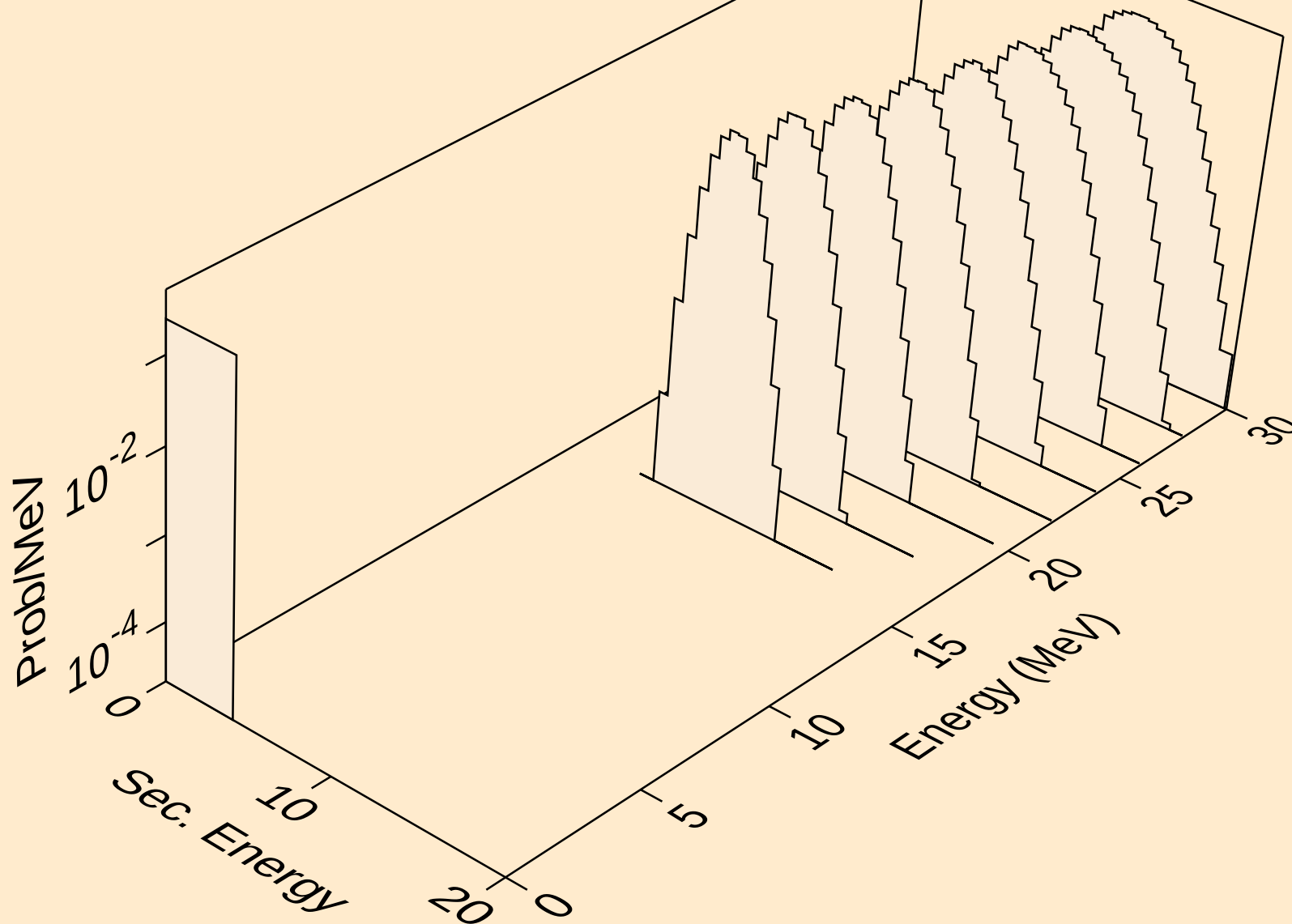
EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



EU136 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

