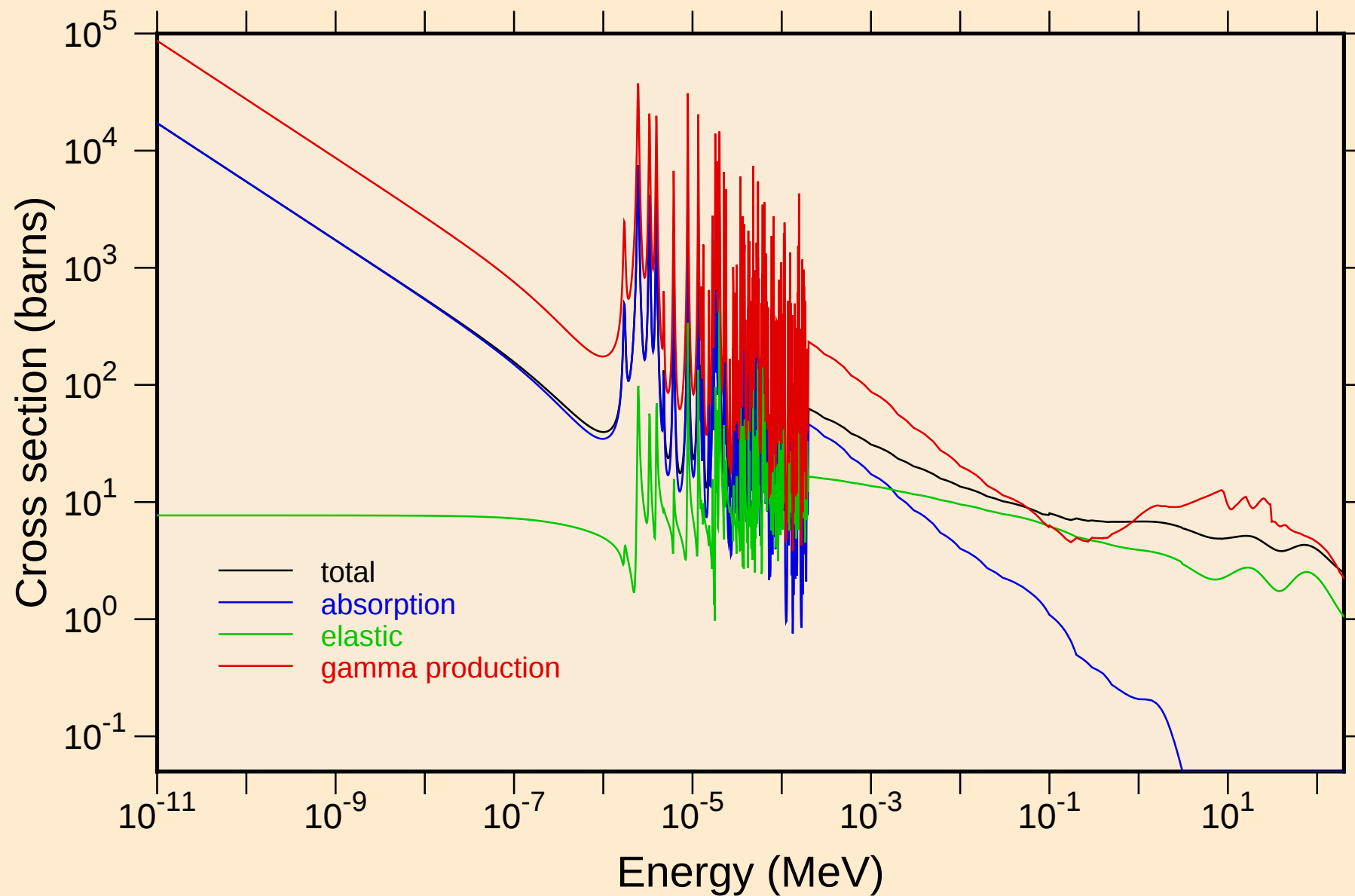
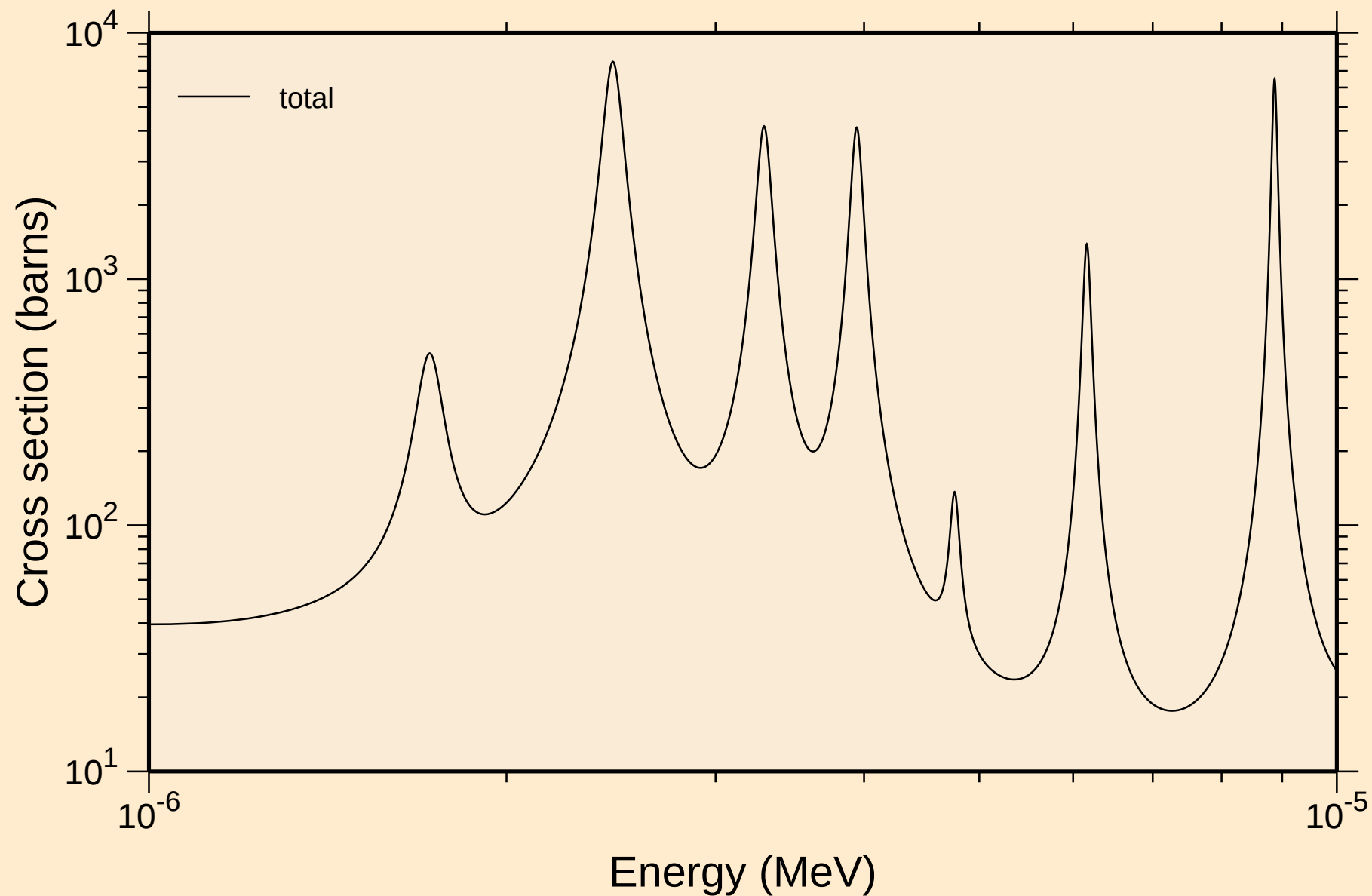


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

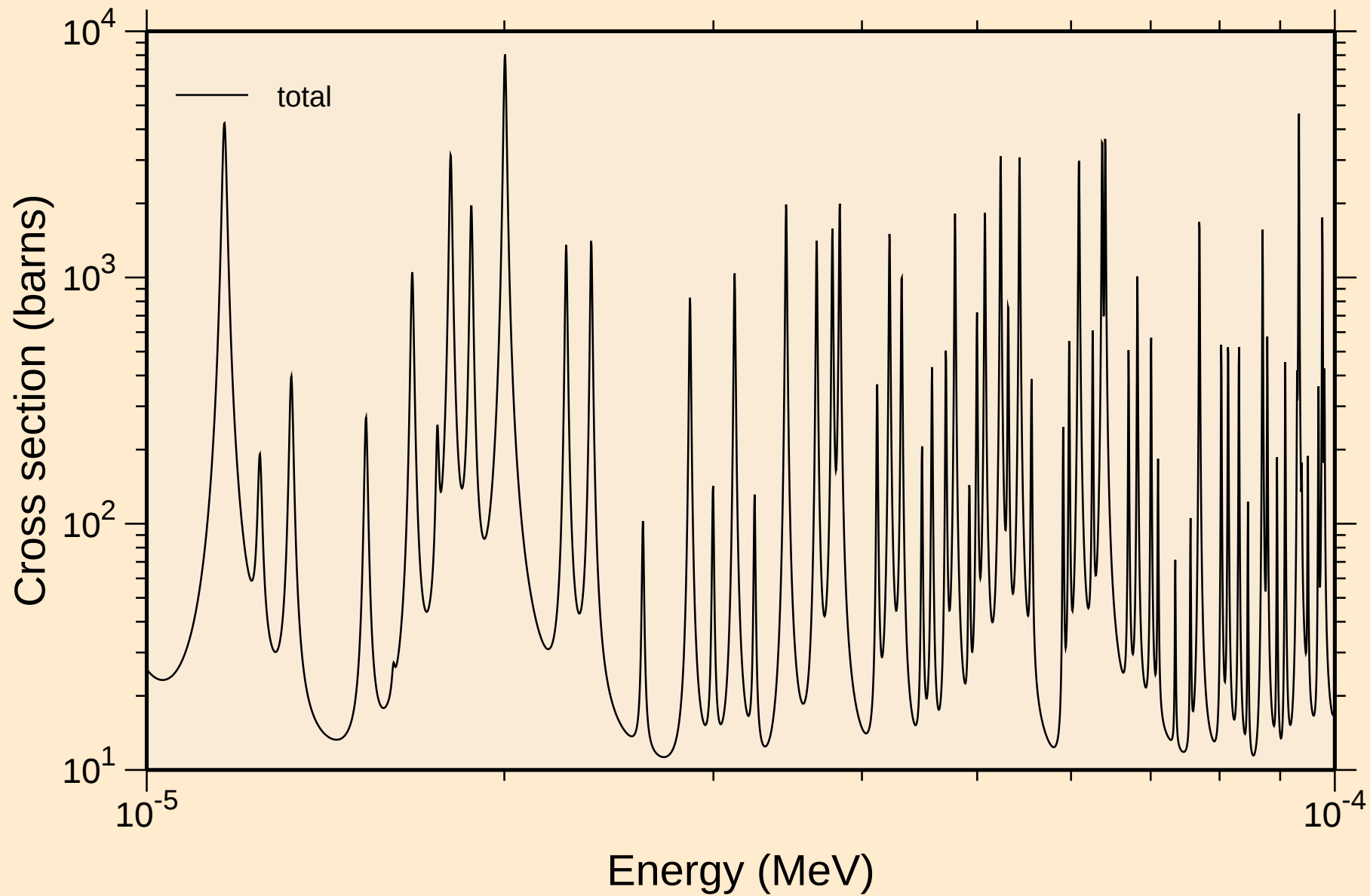
Principal cross sections



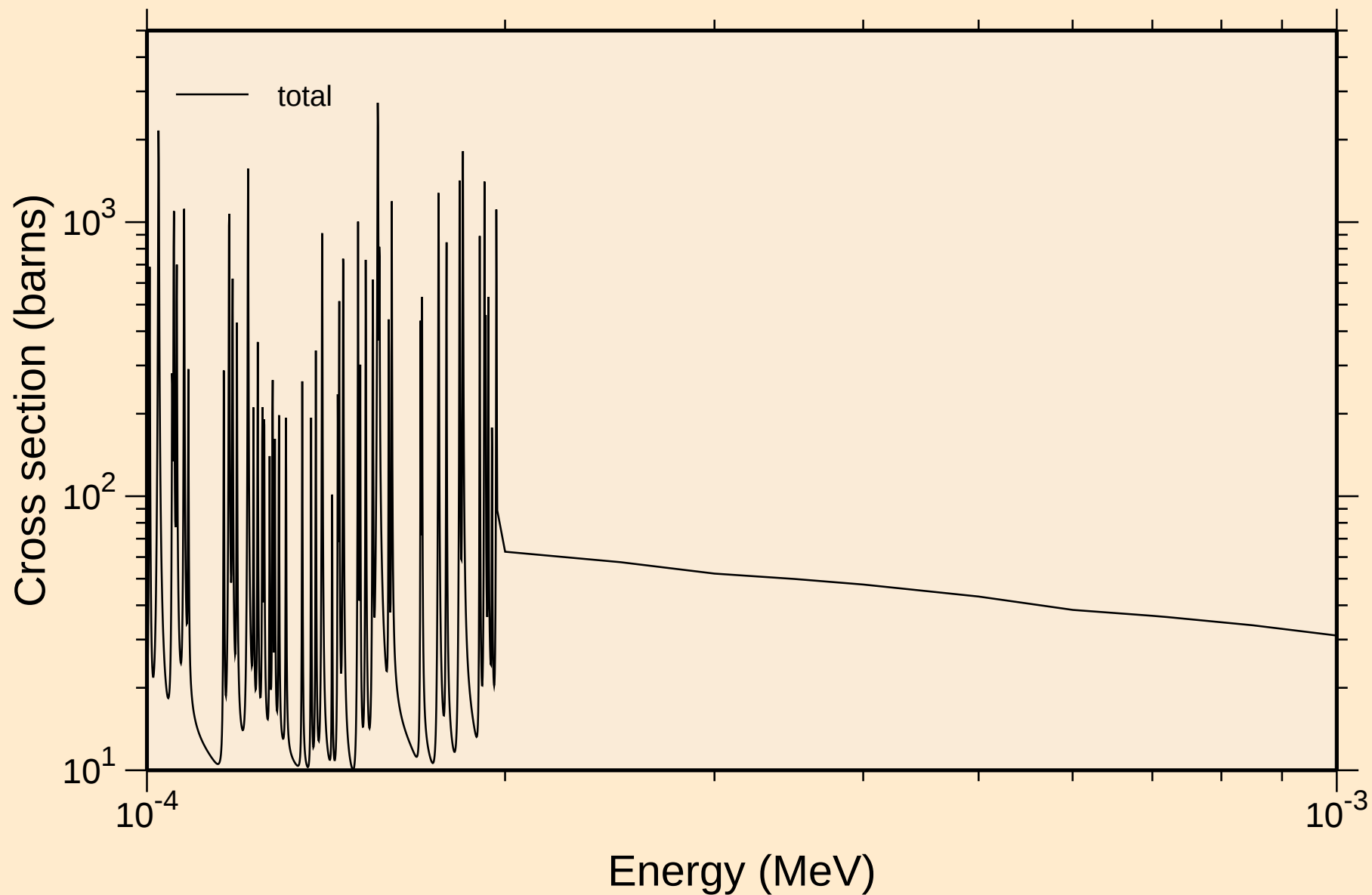
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



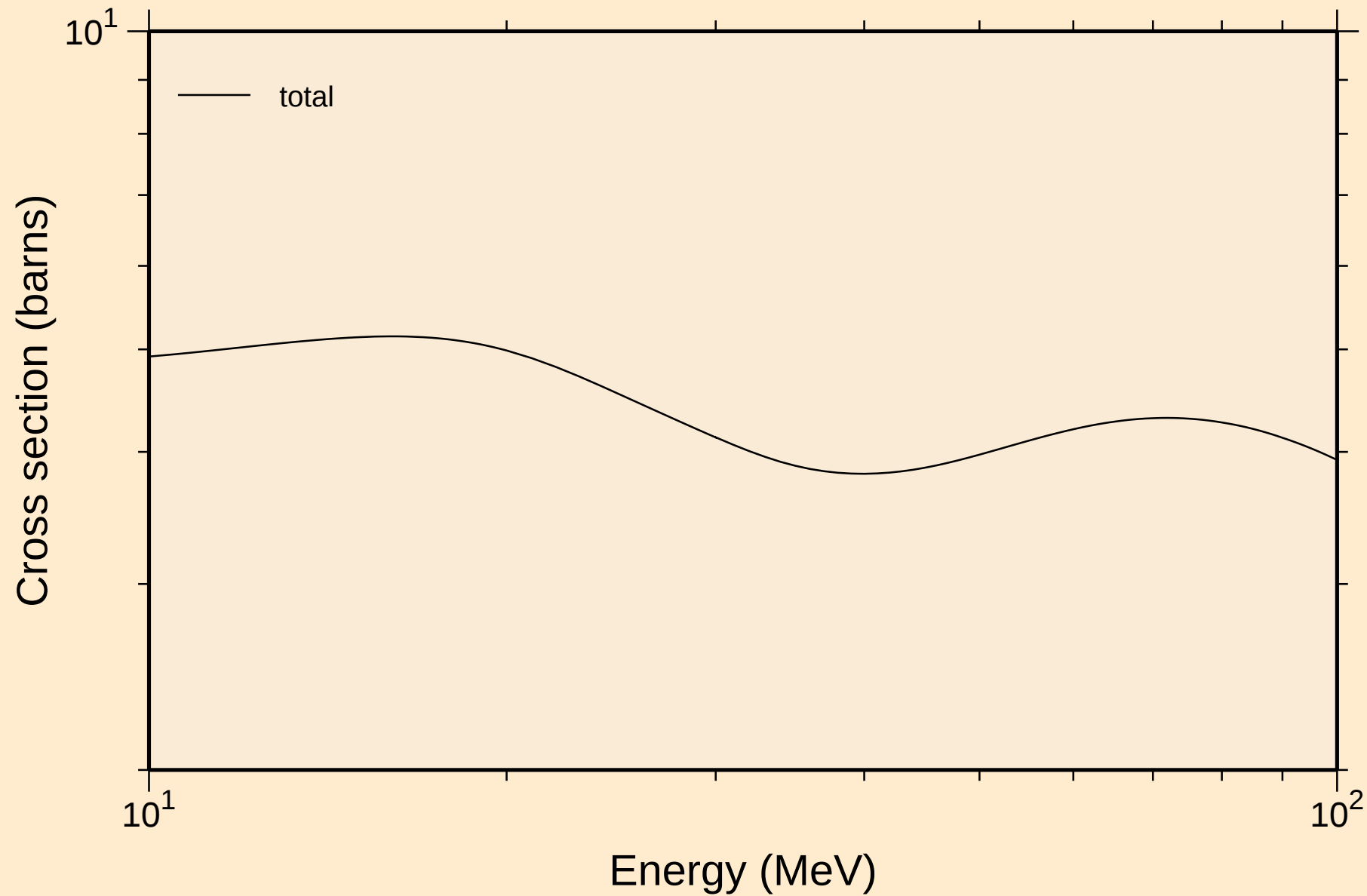
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



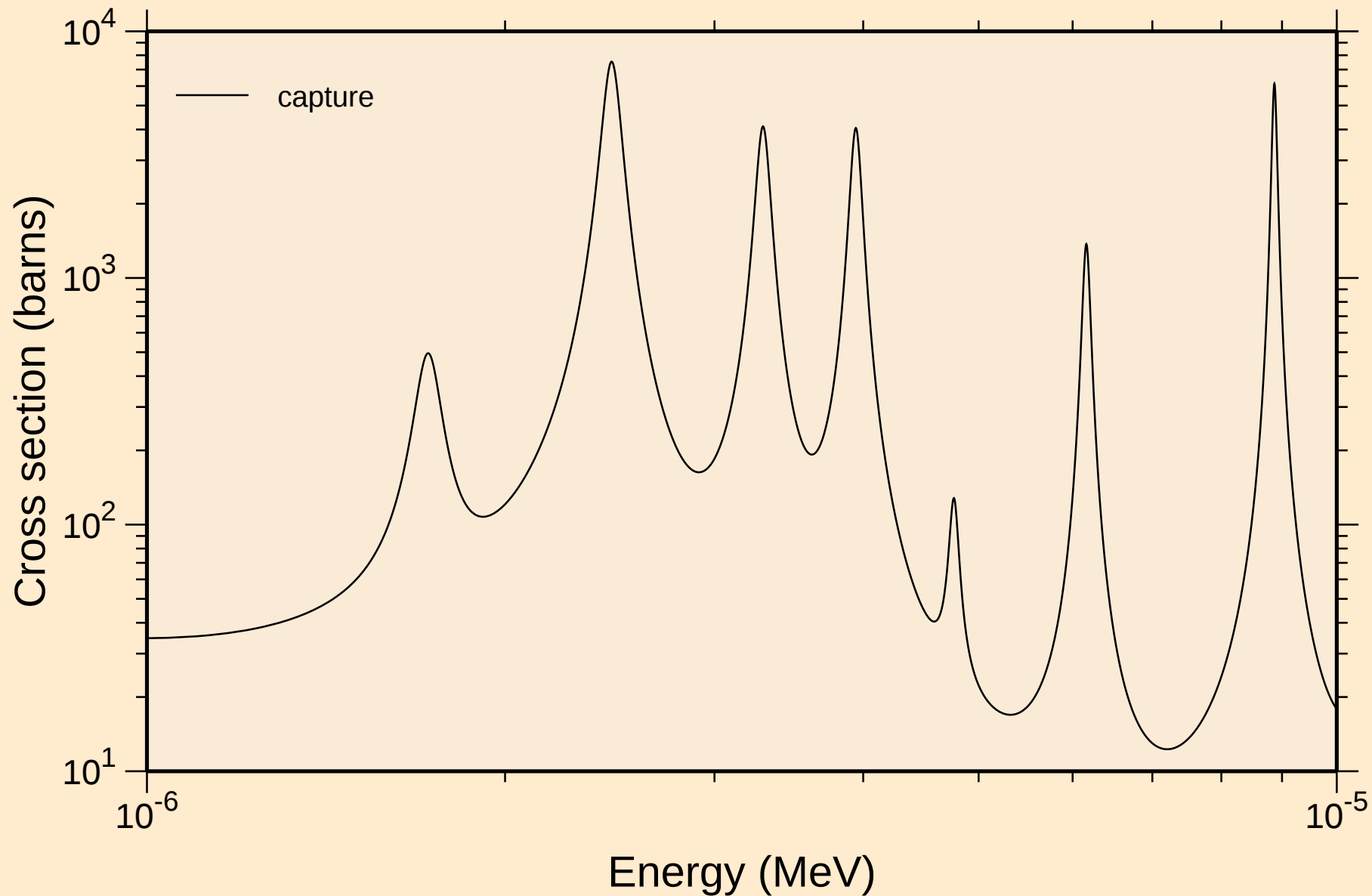
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



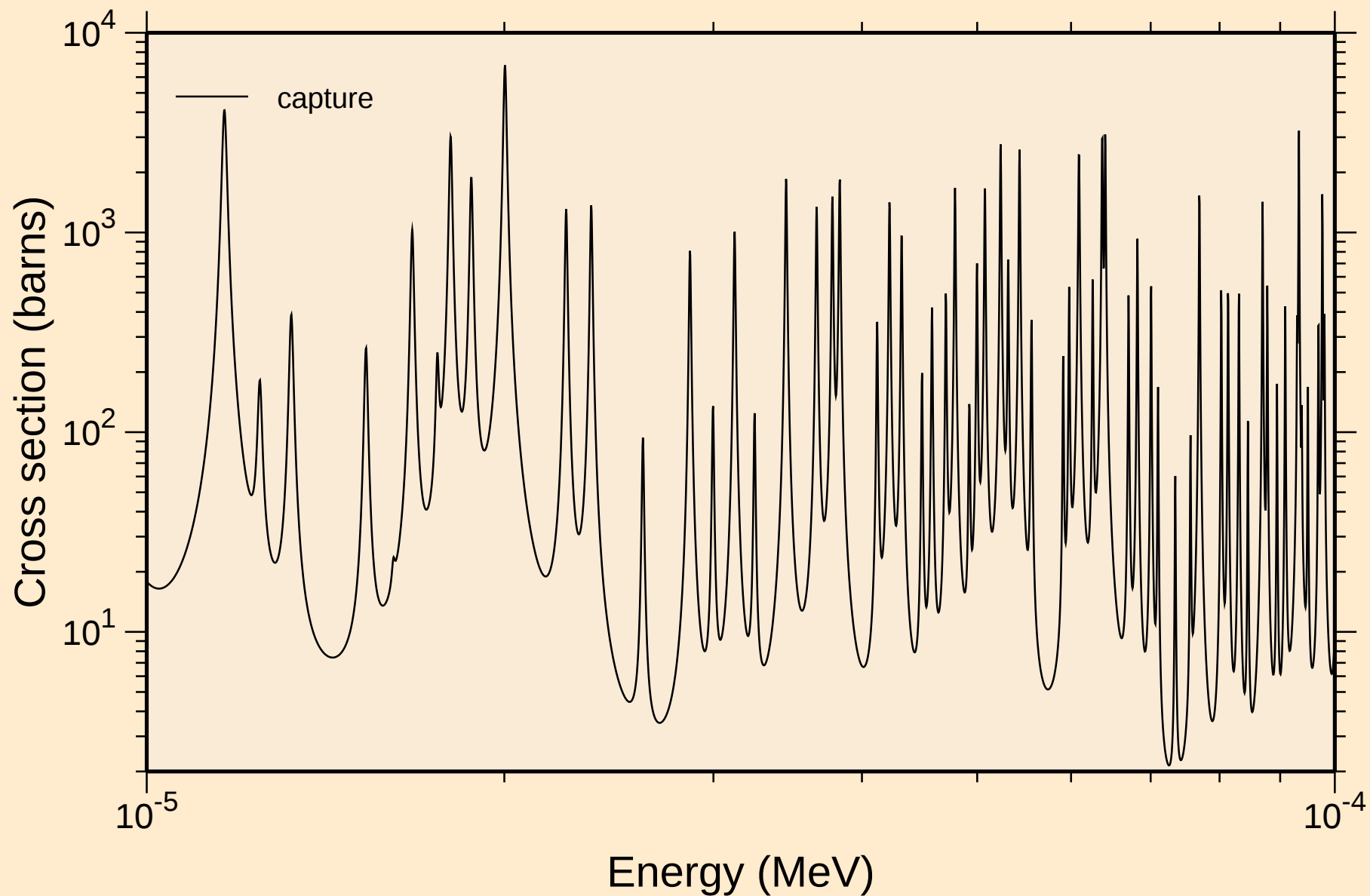
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



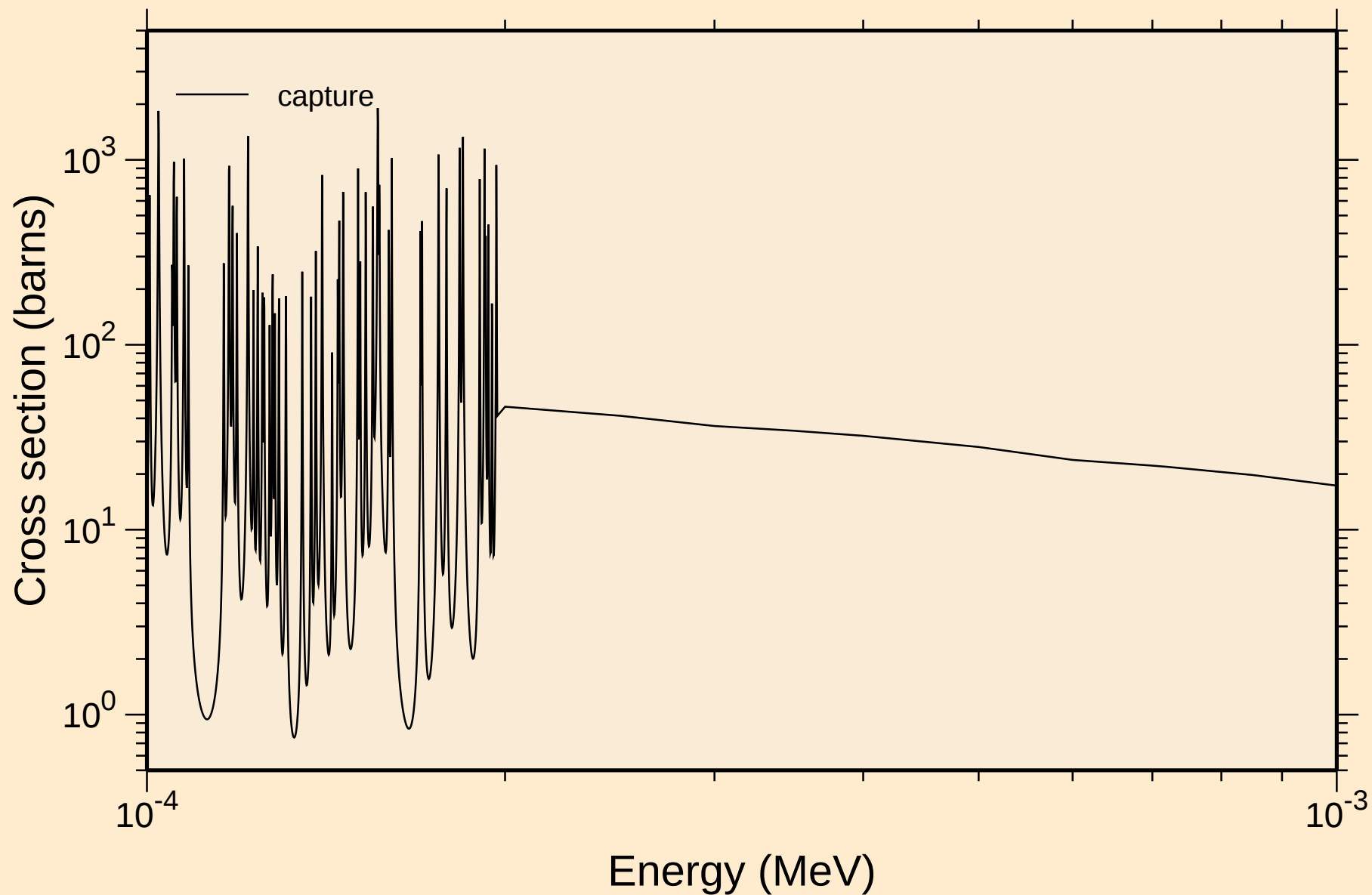
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



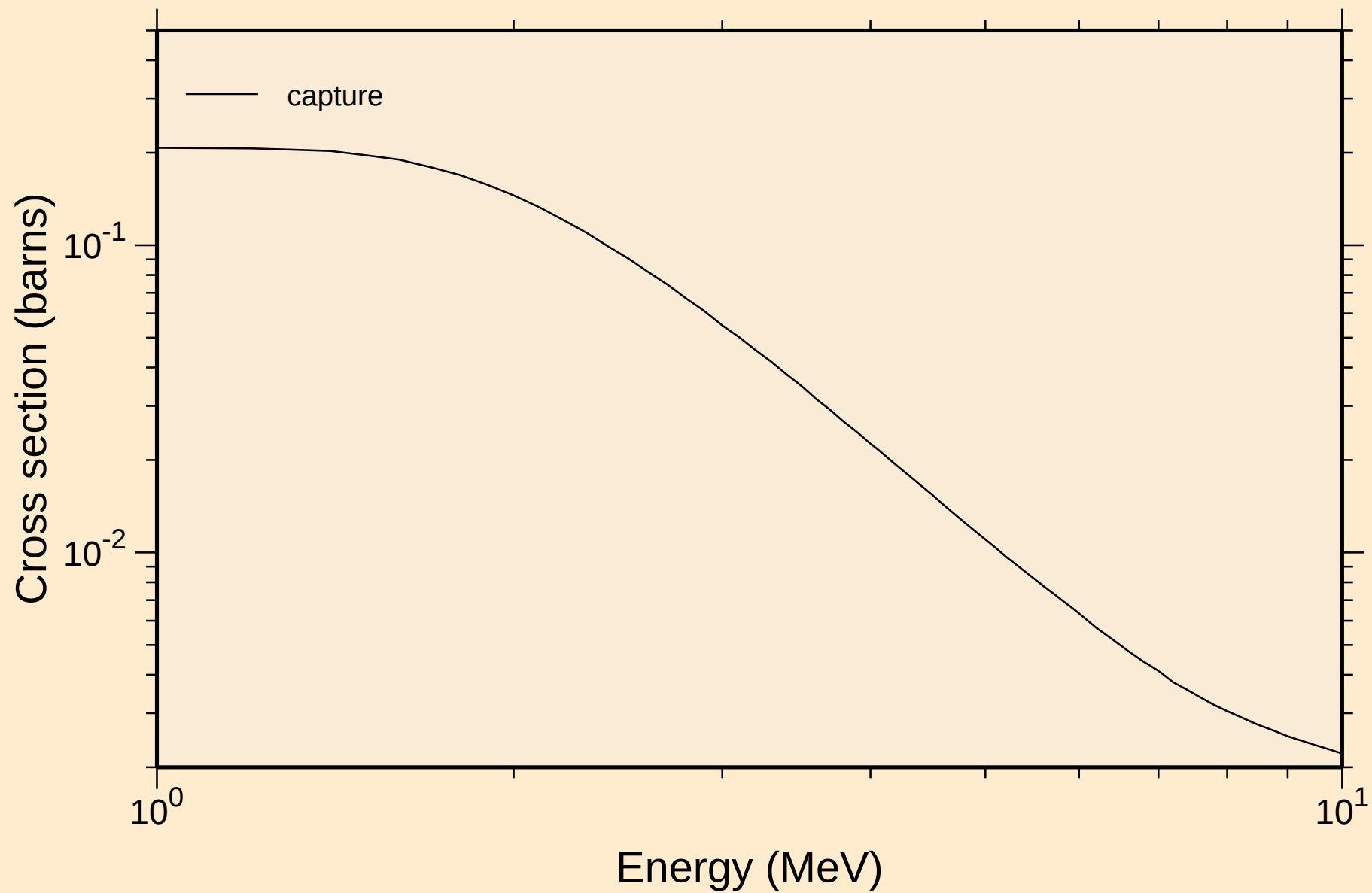
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

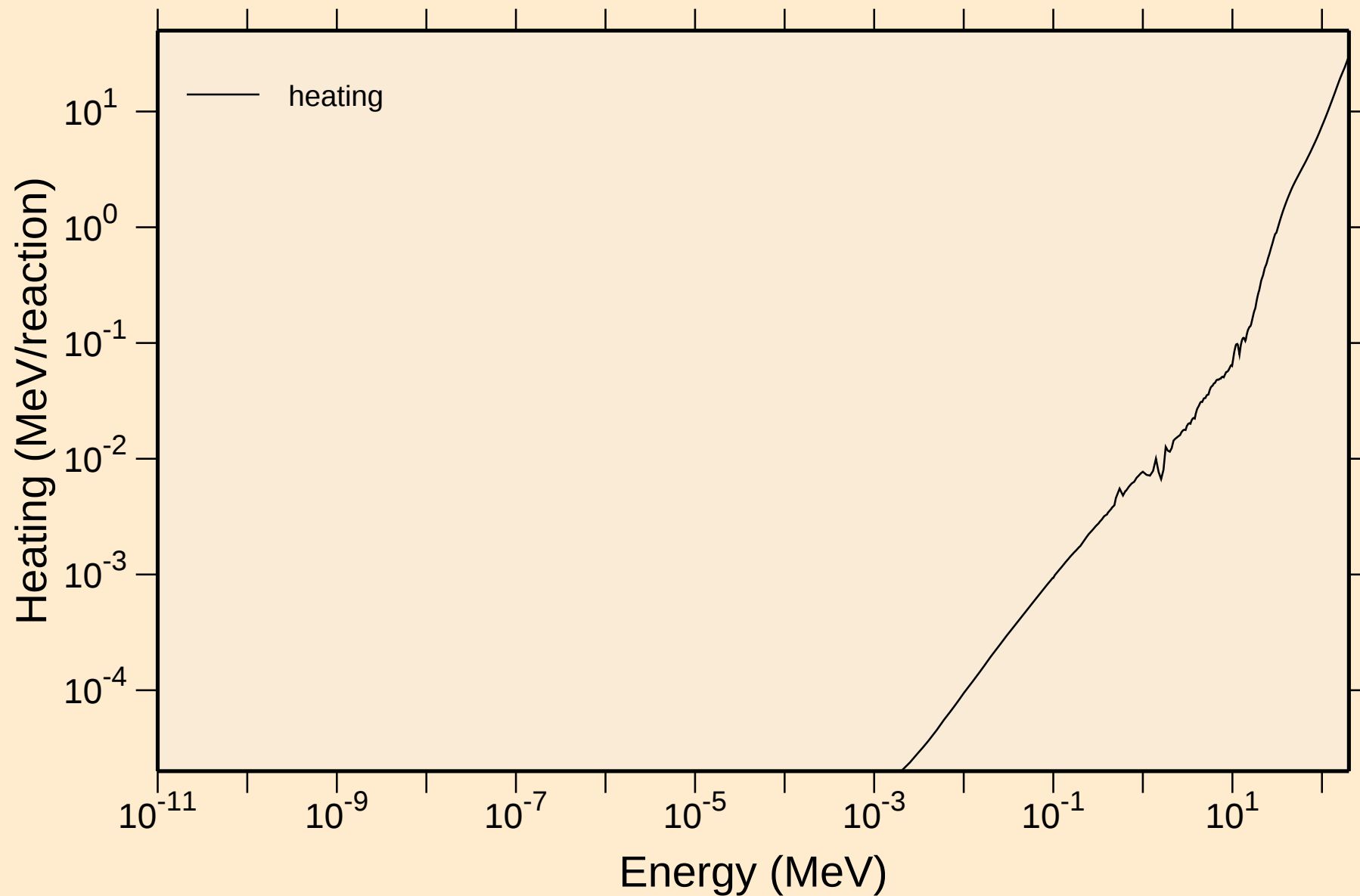


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



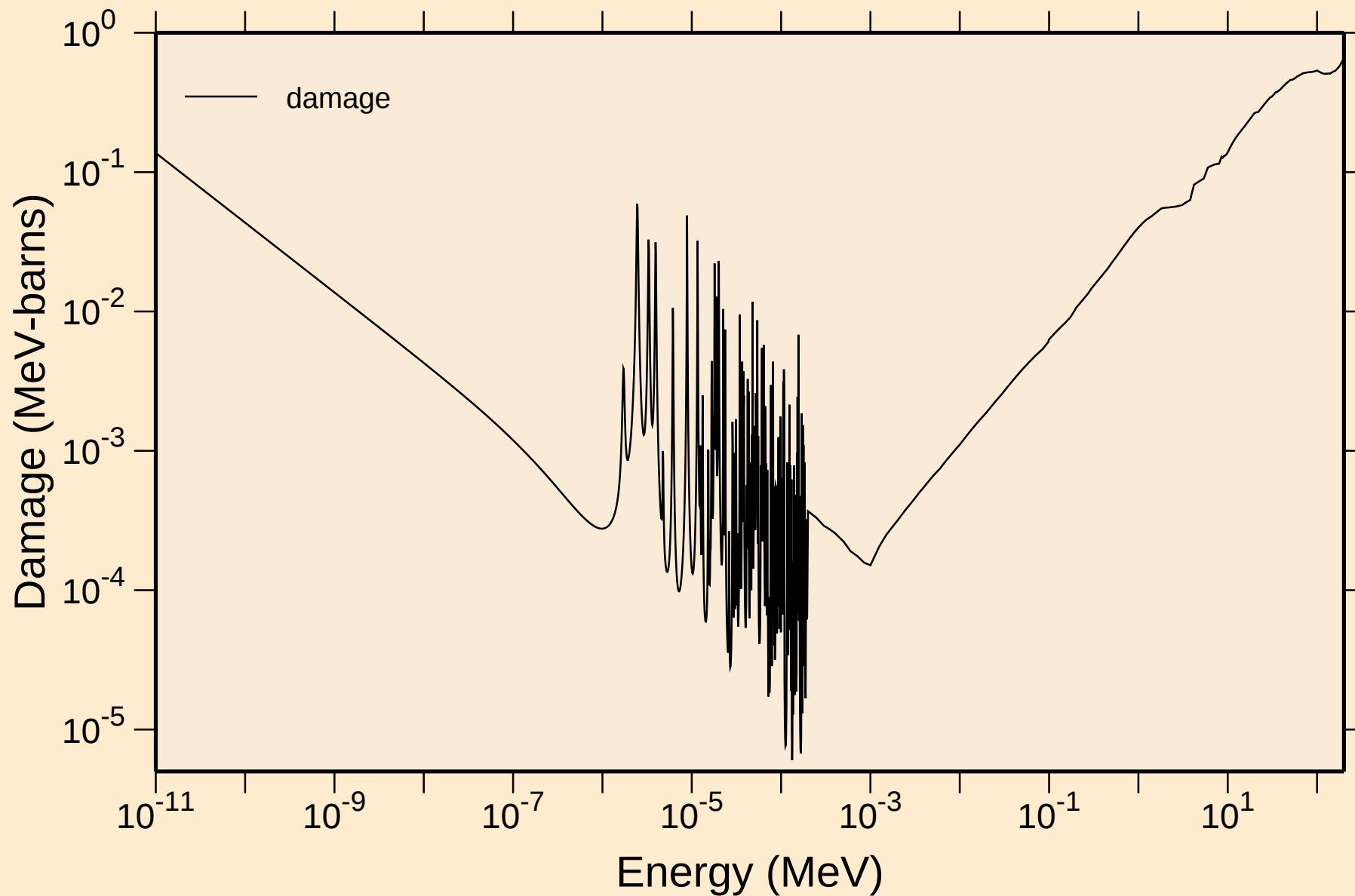
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

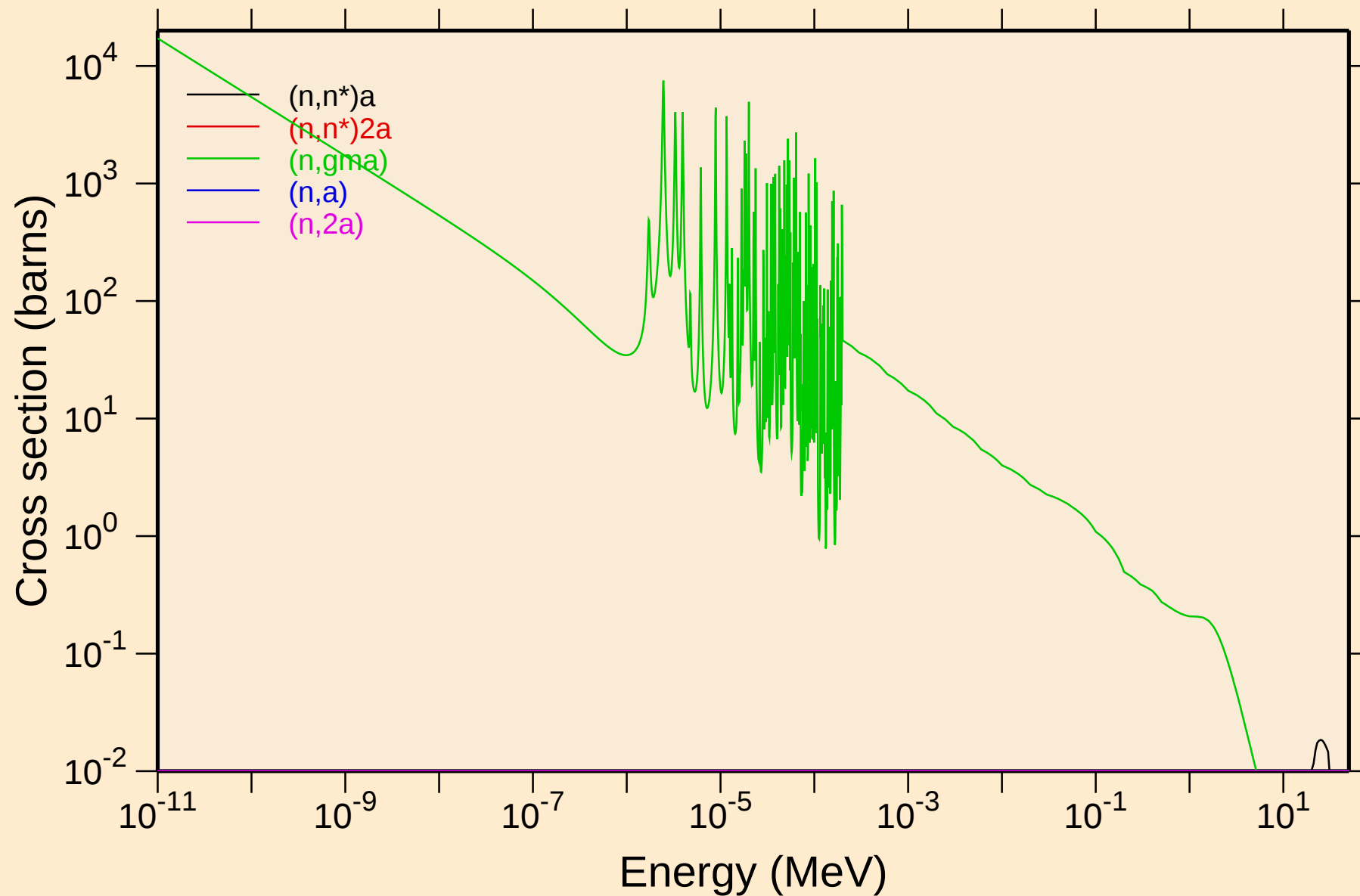


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

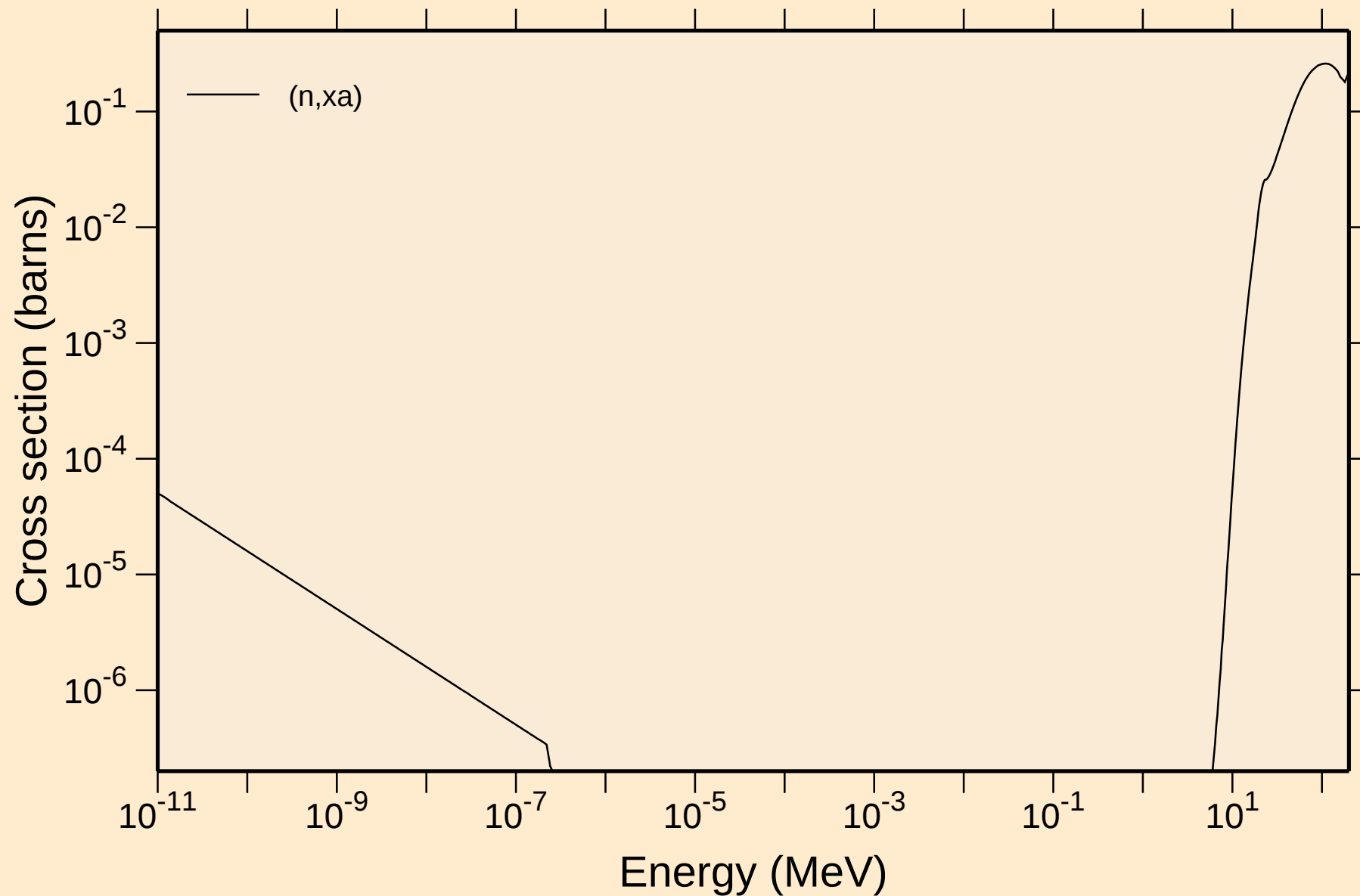


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



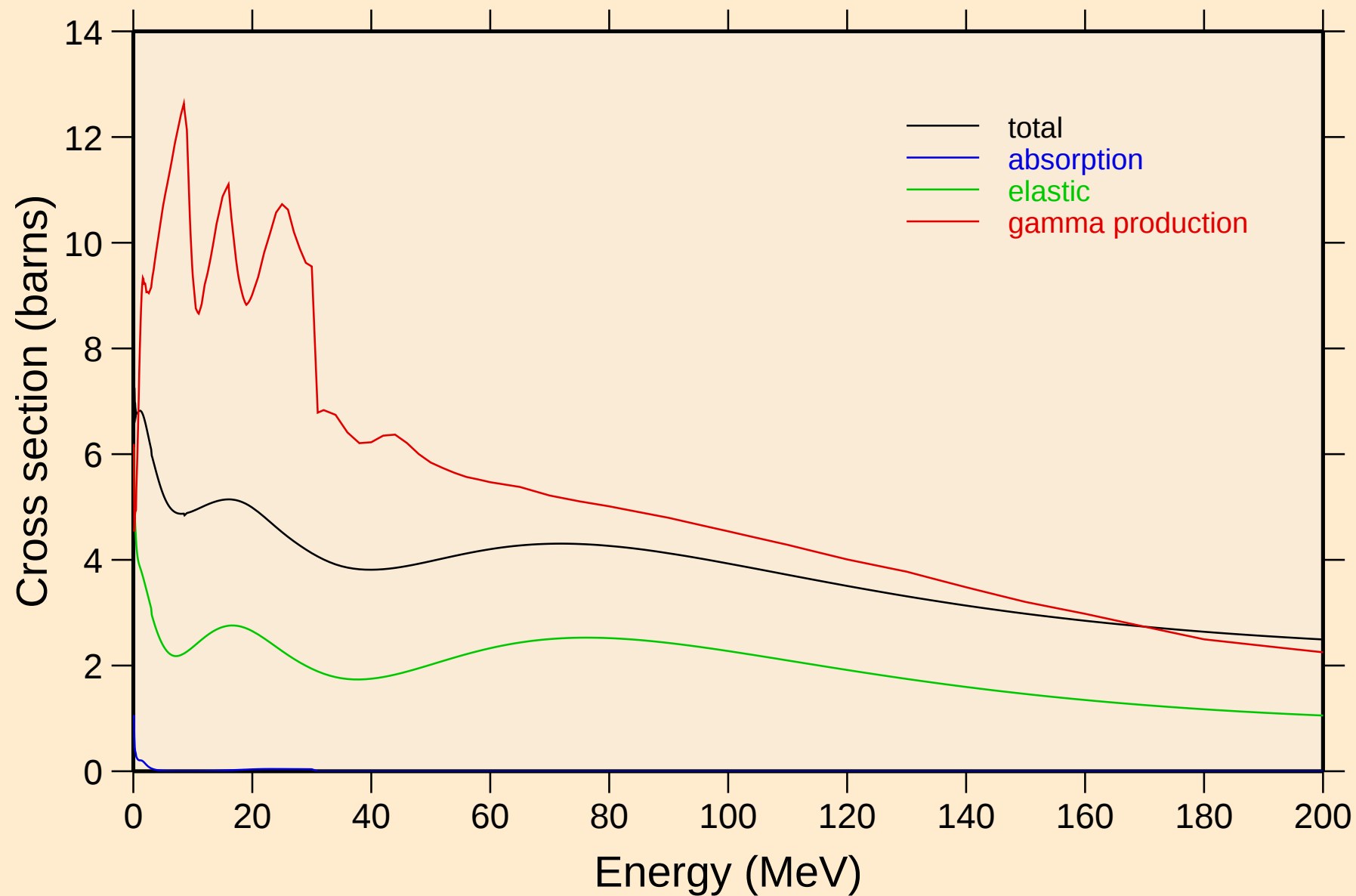
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



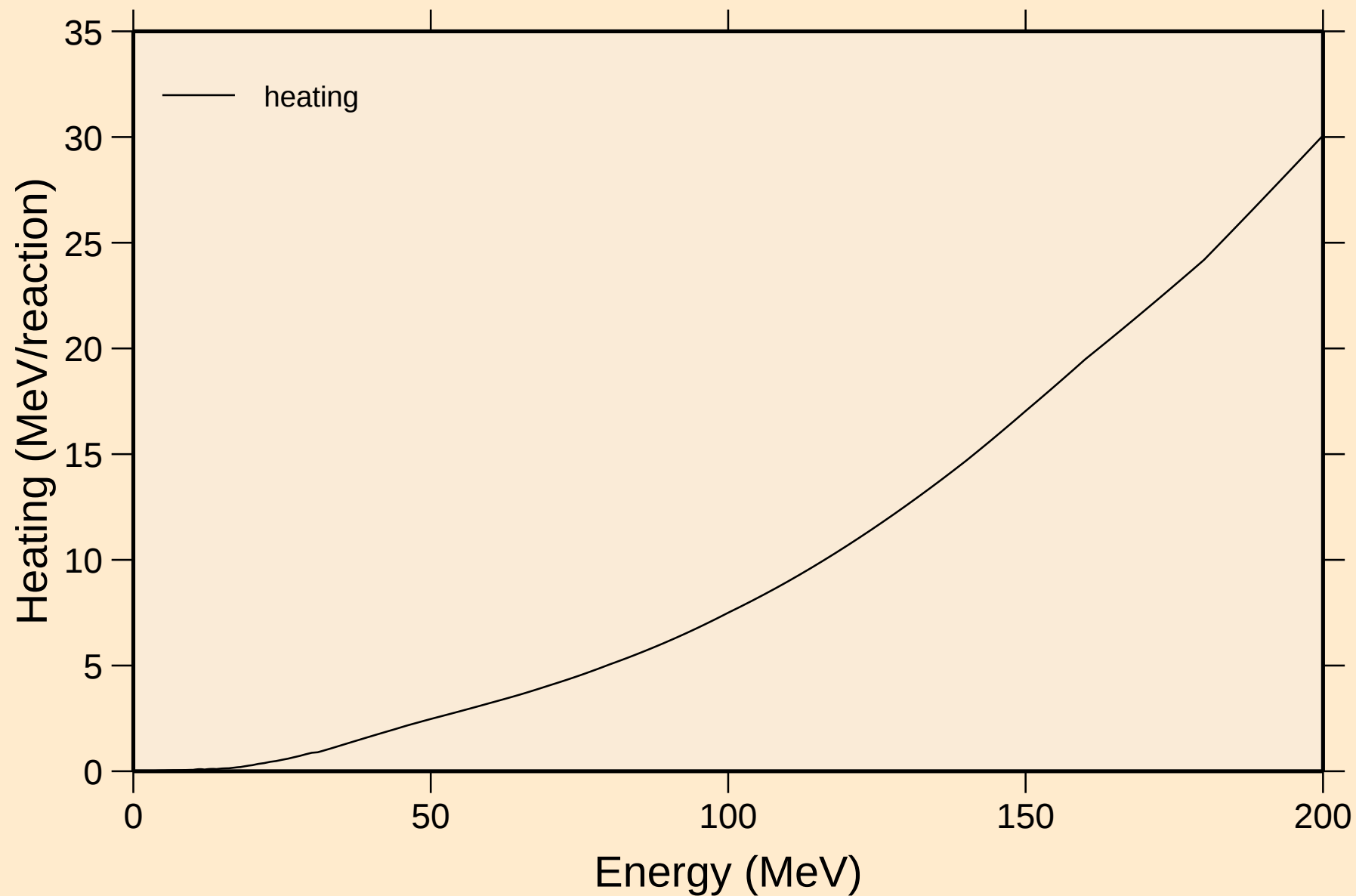
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



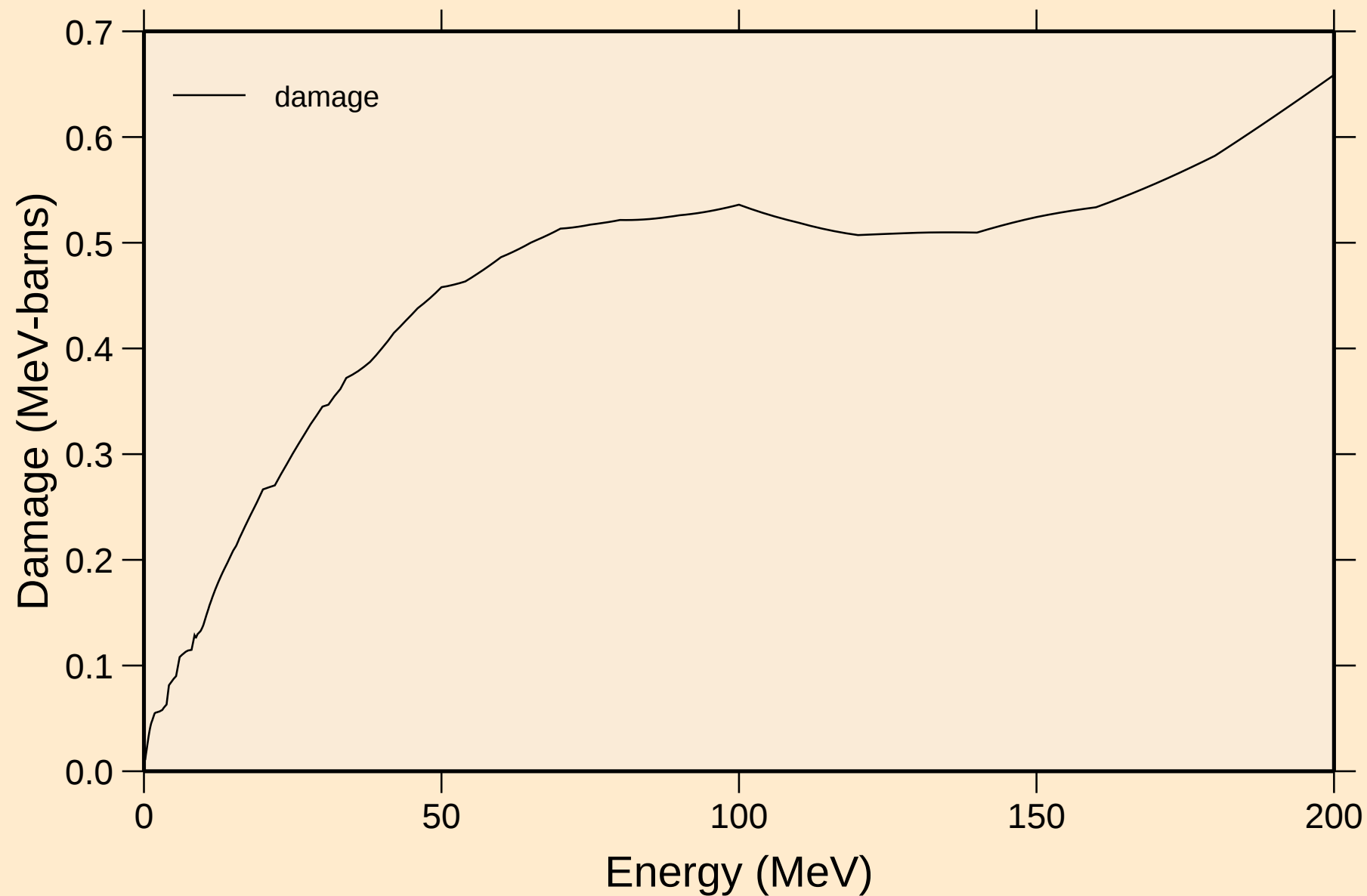
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

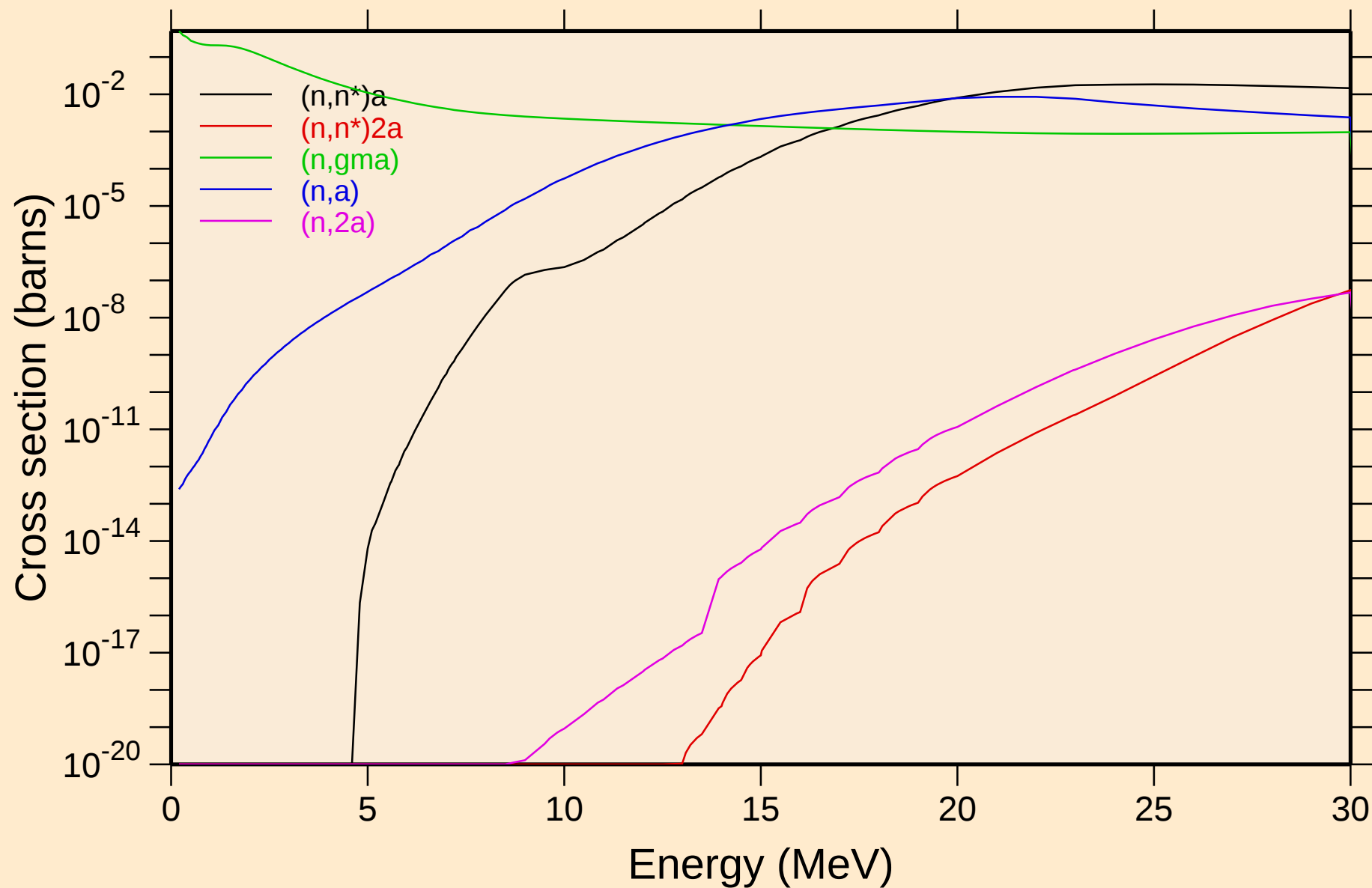


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

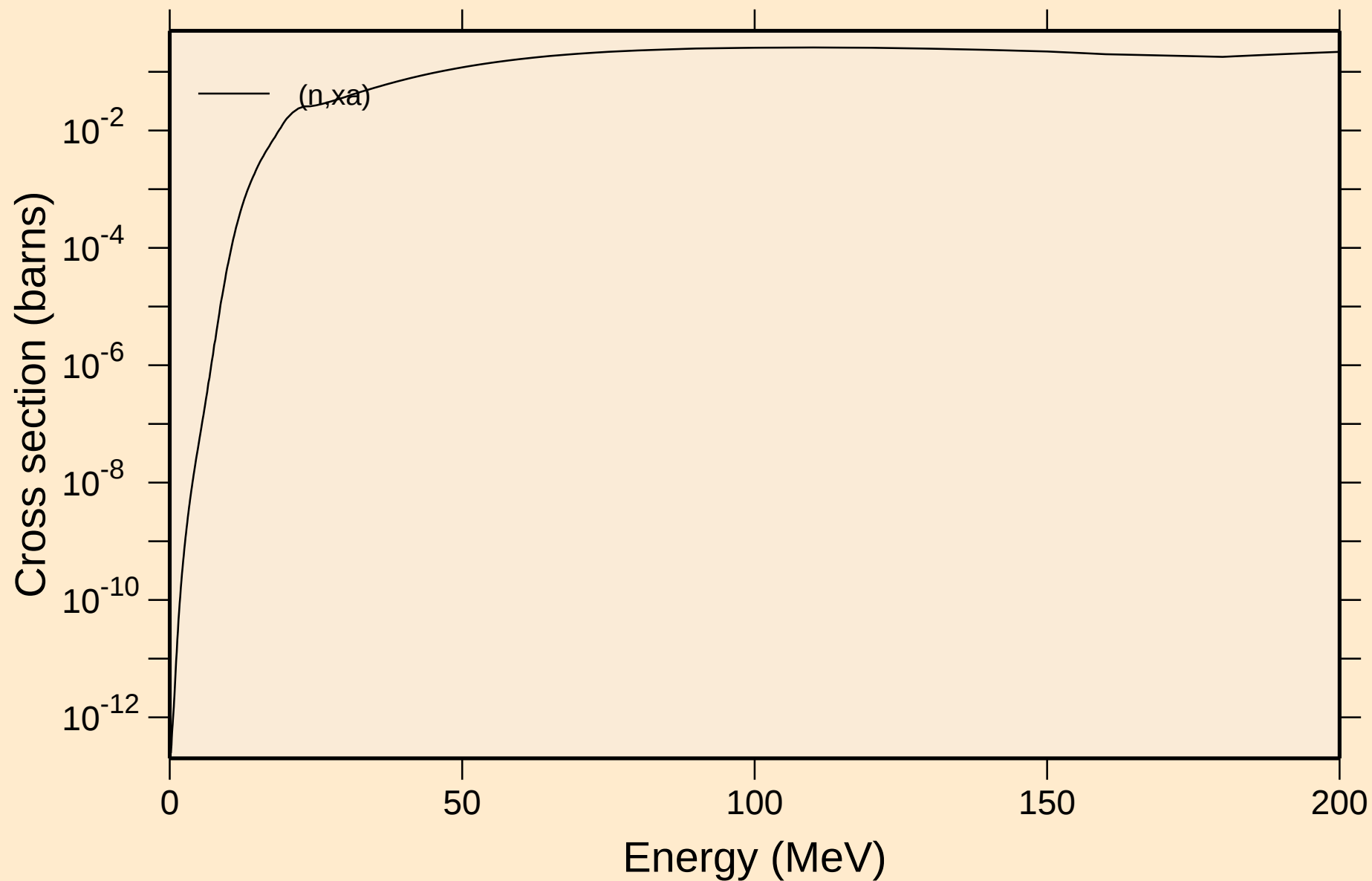
Damage



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

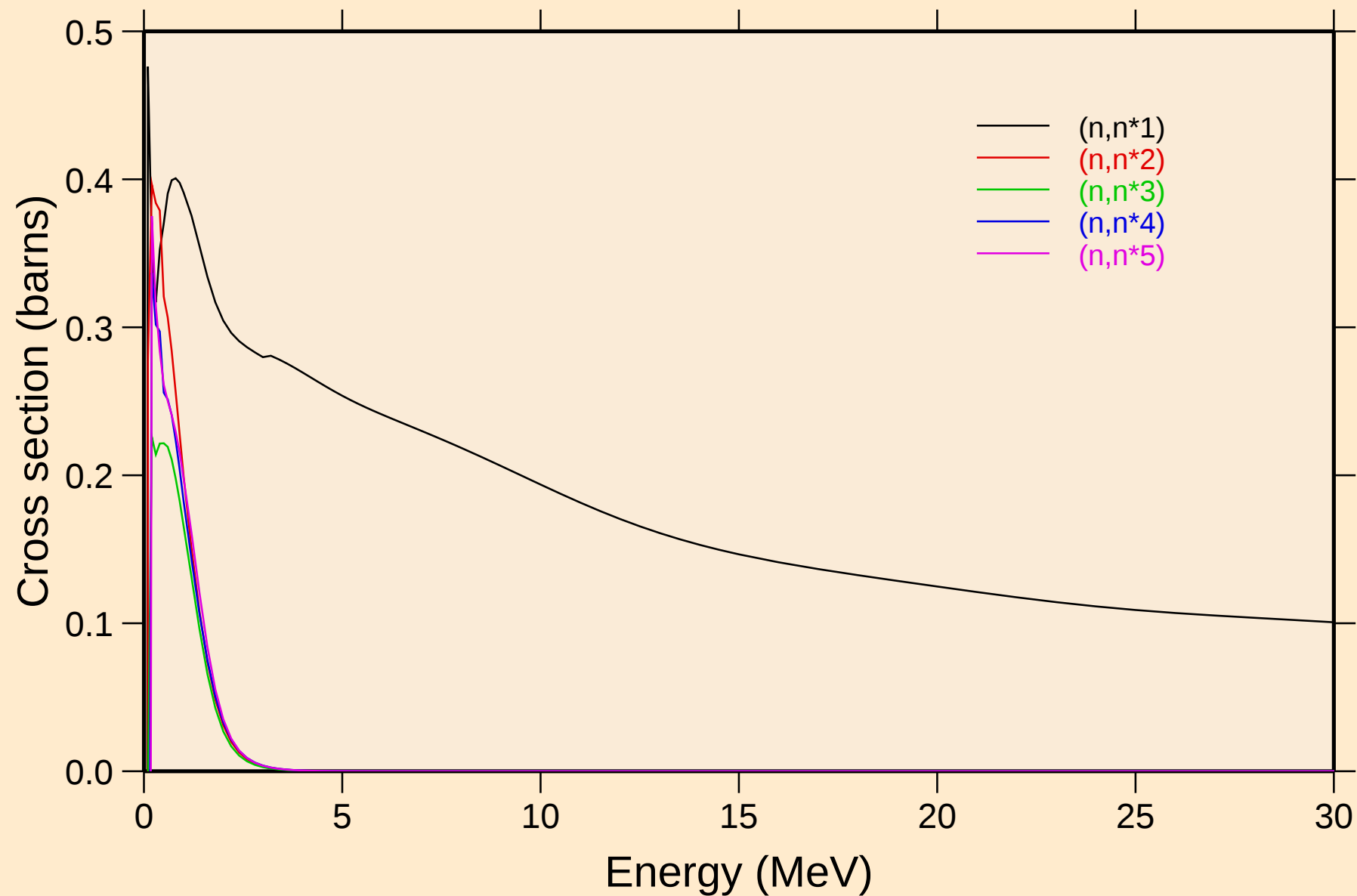


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



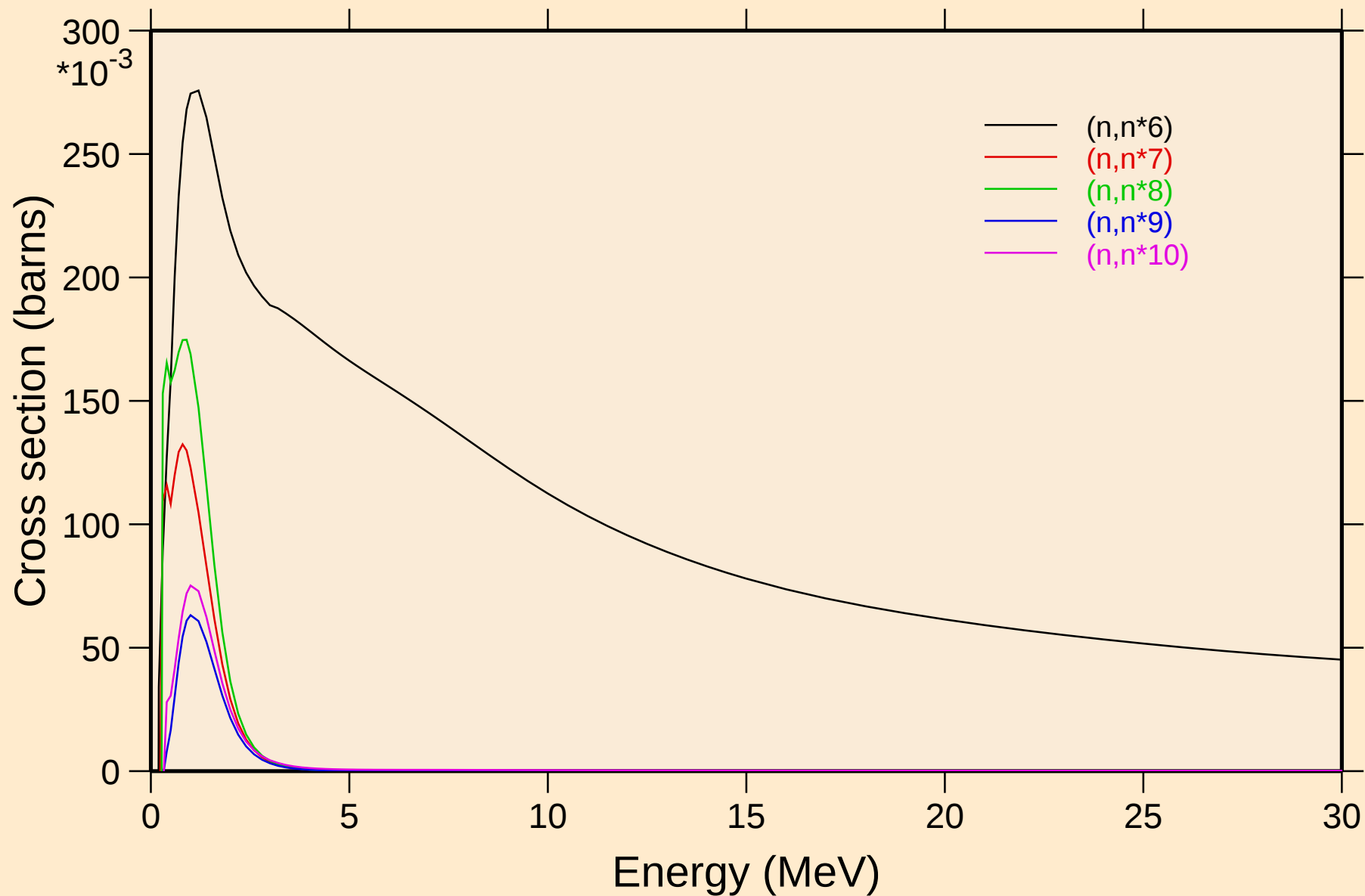
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



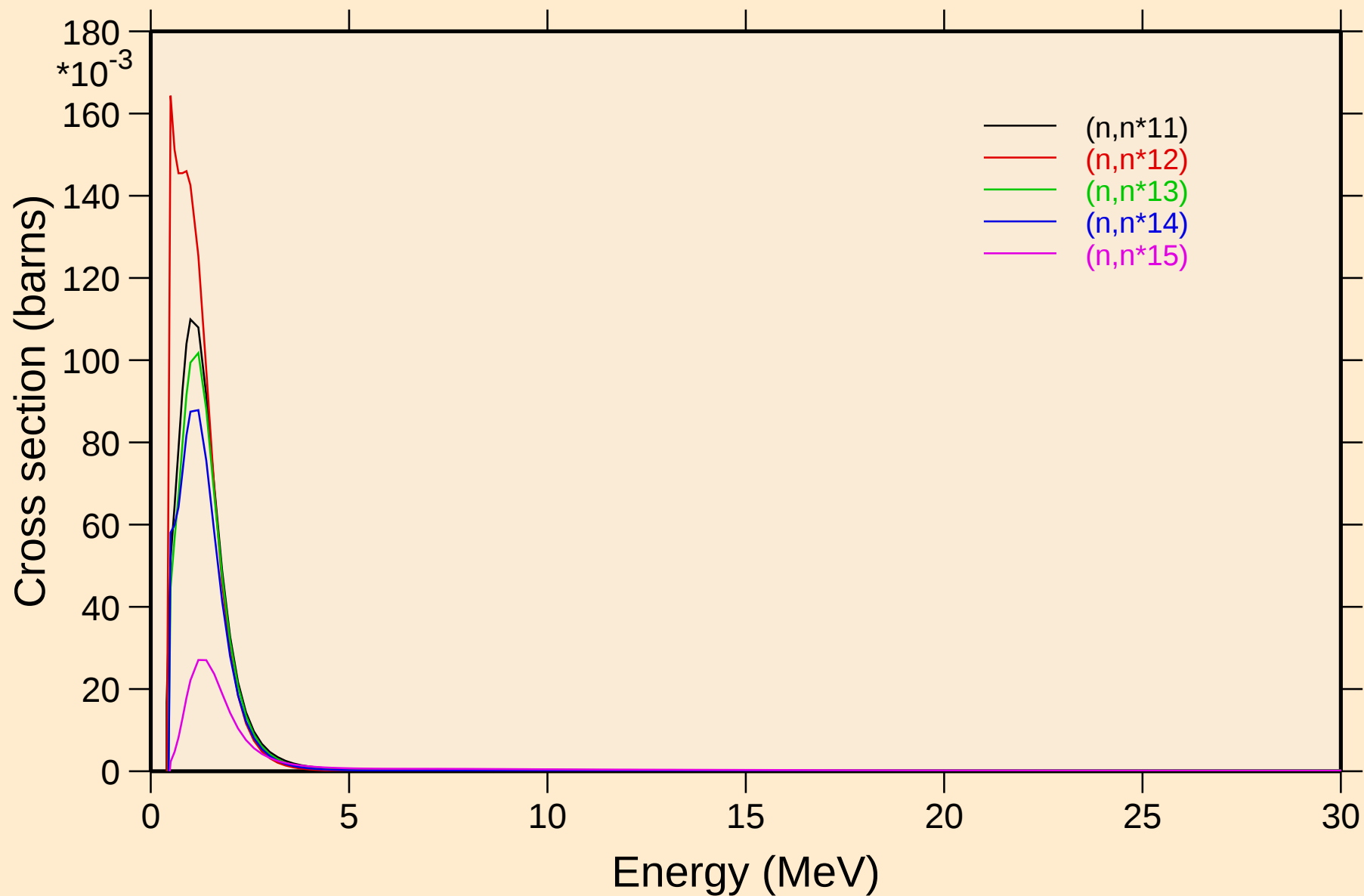
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



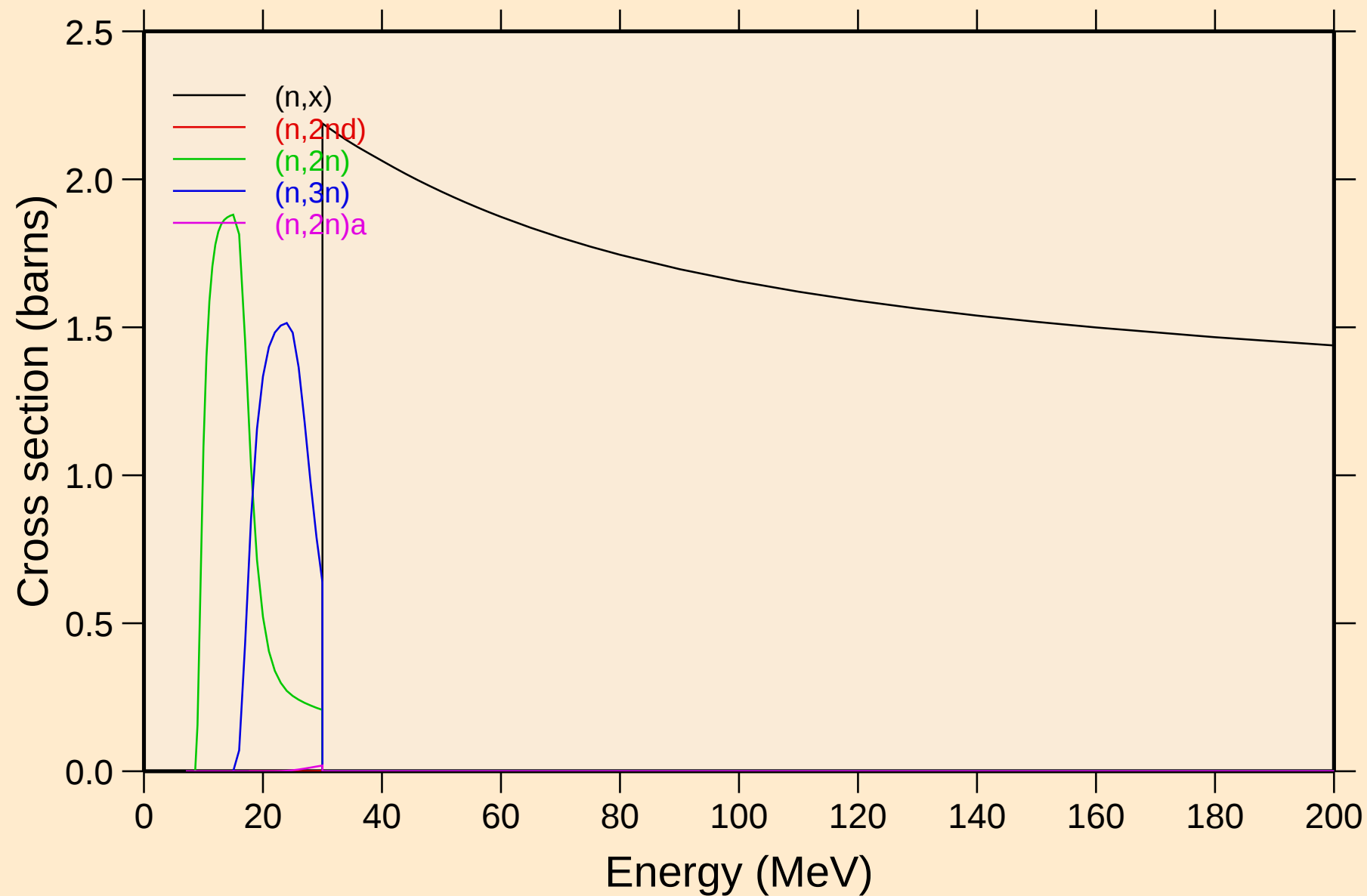
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



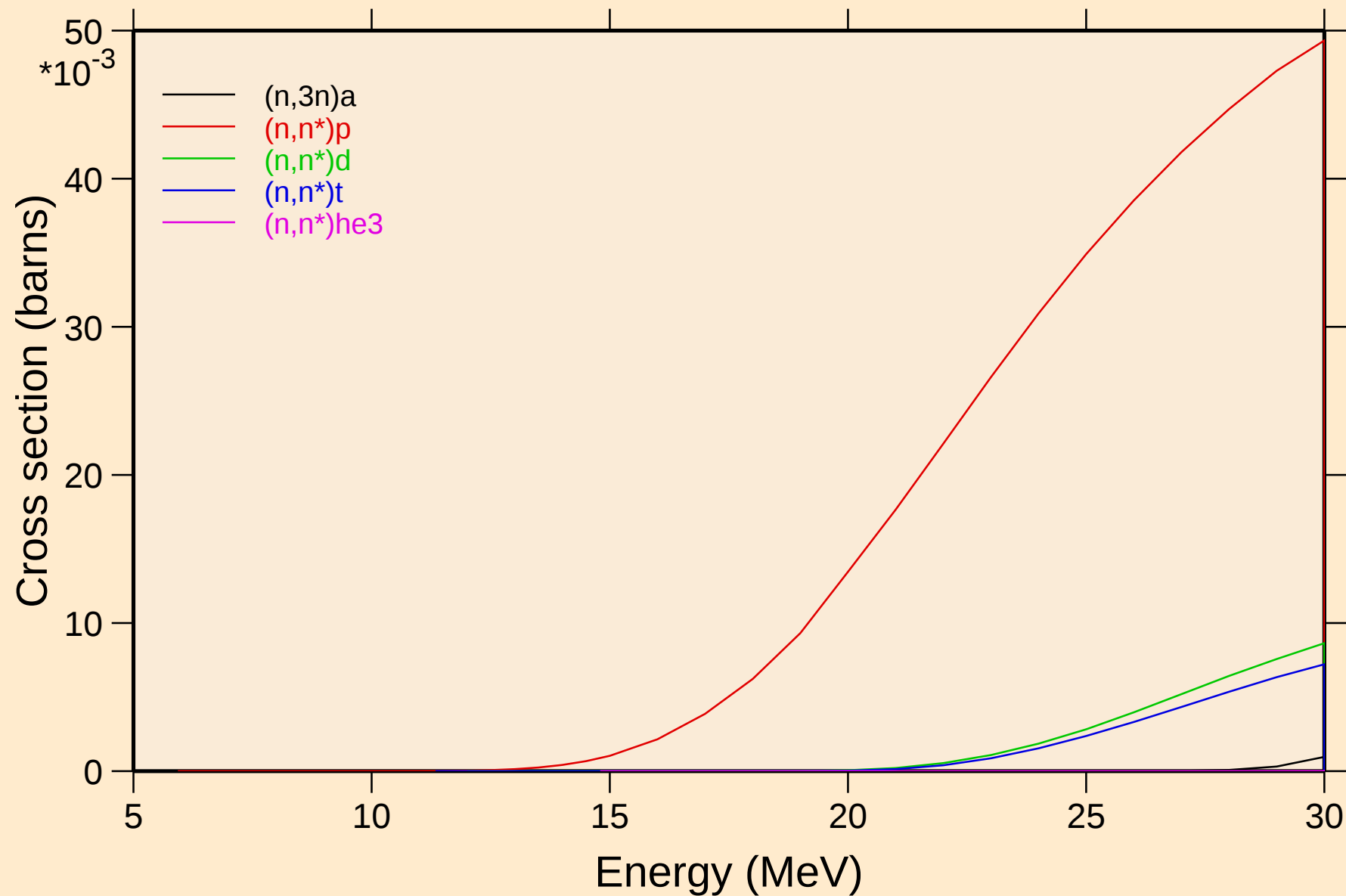
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



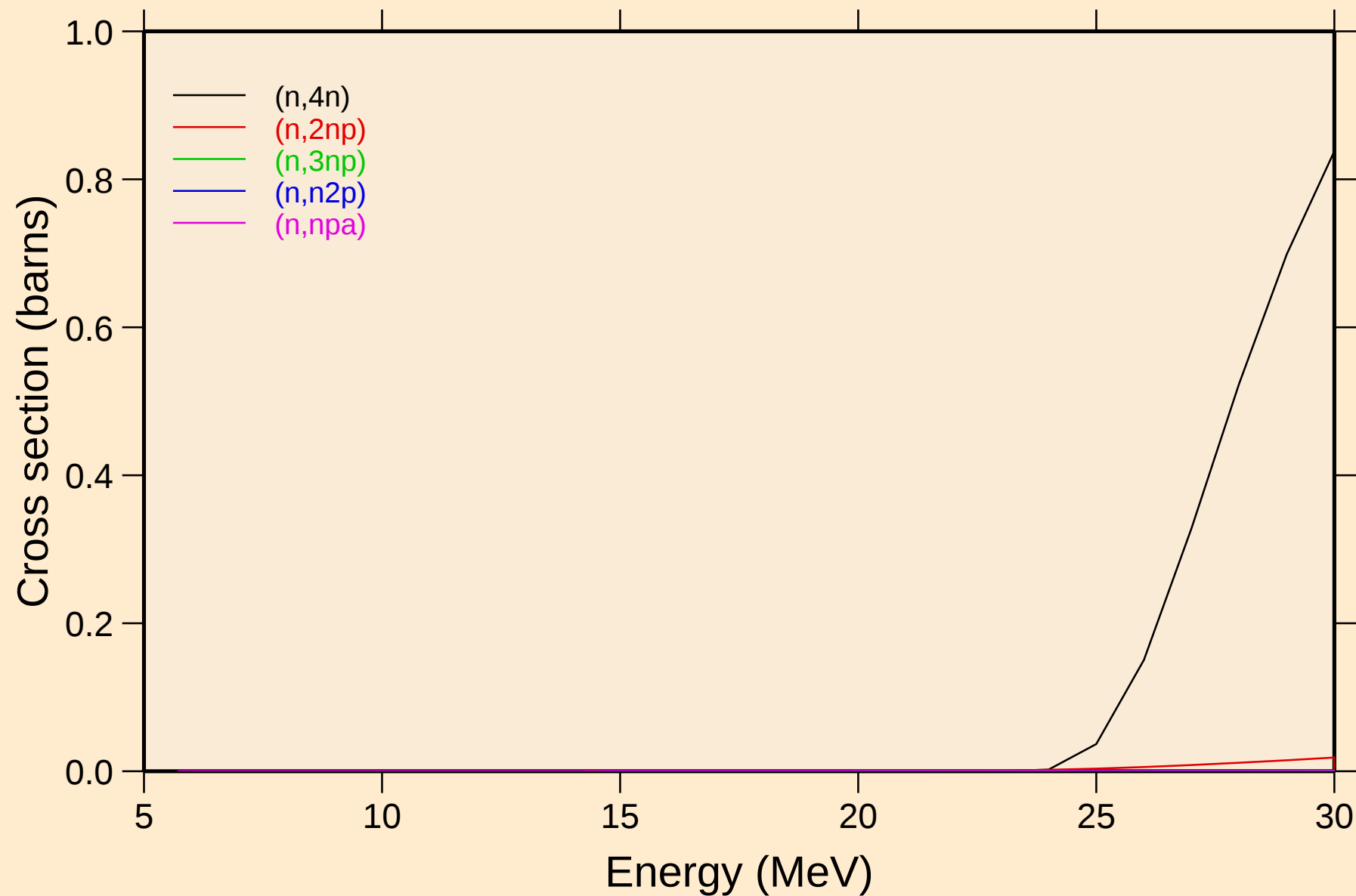
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



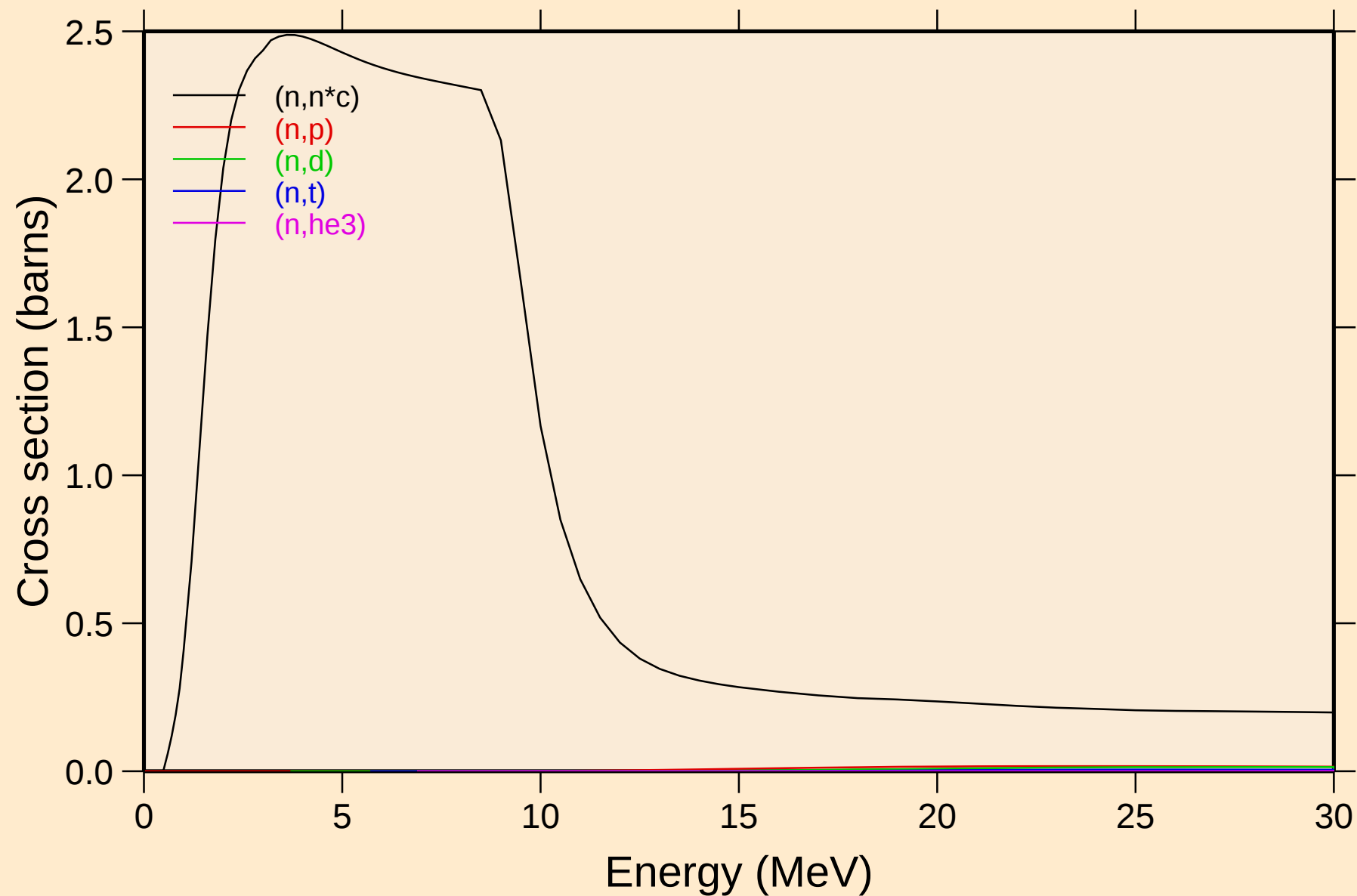
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



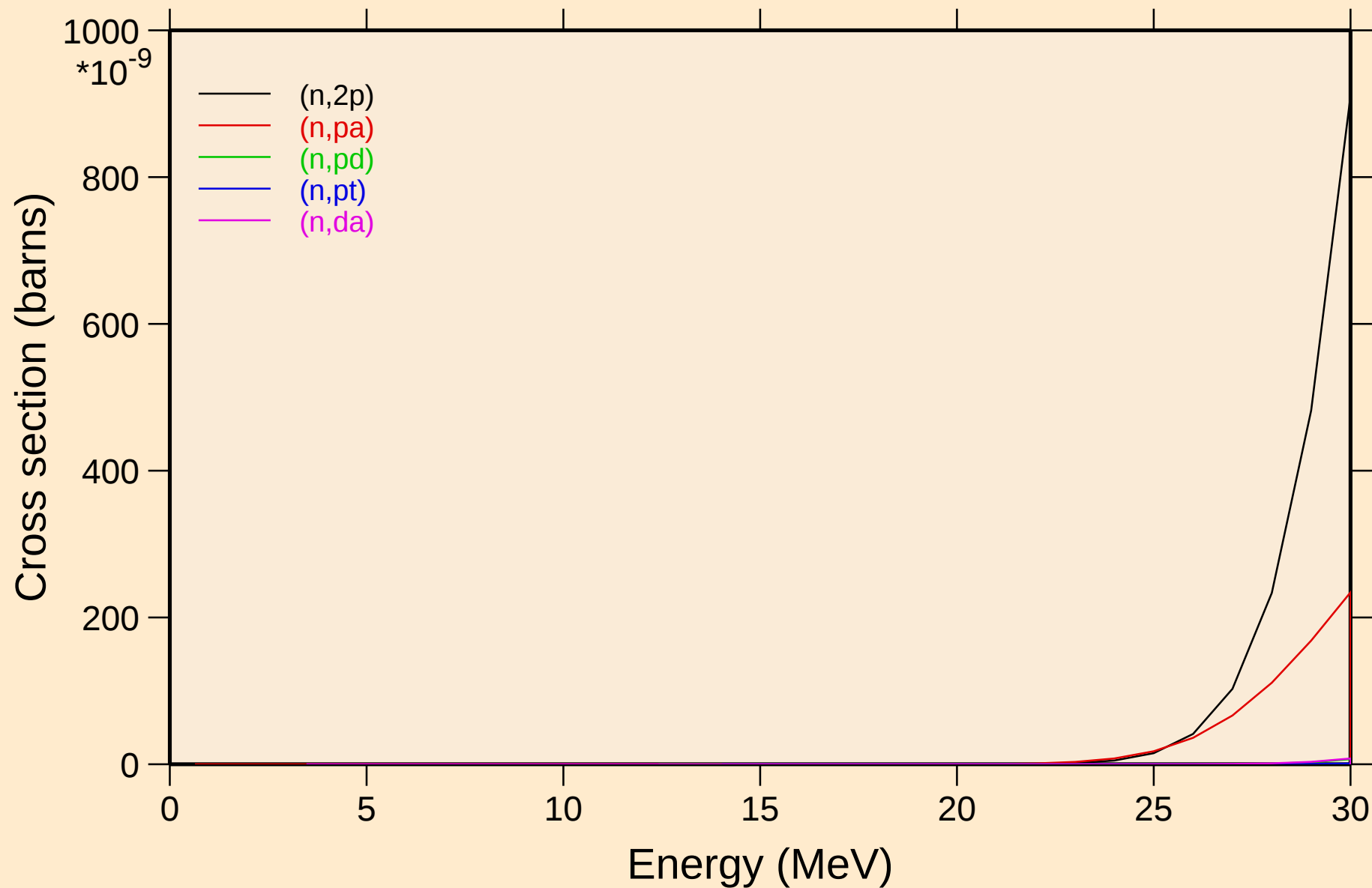
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



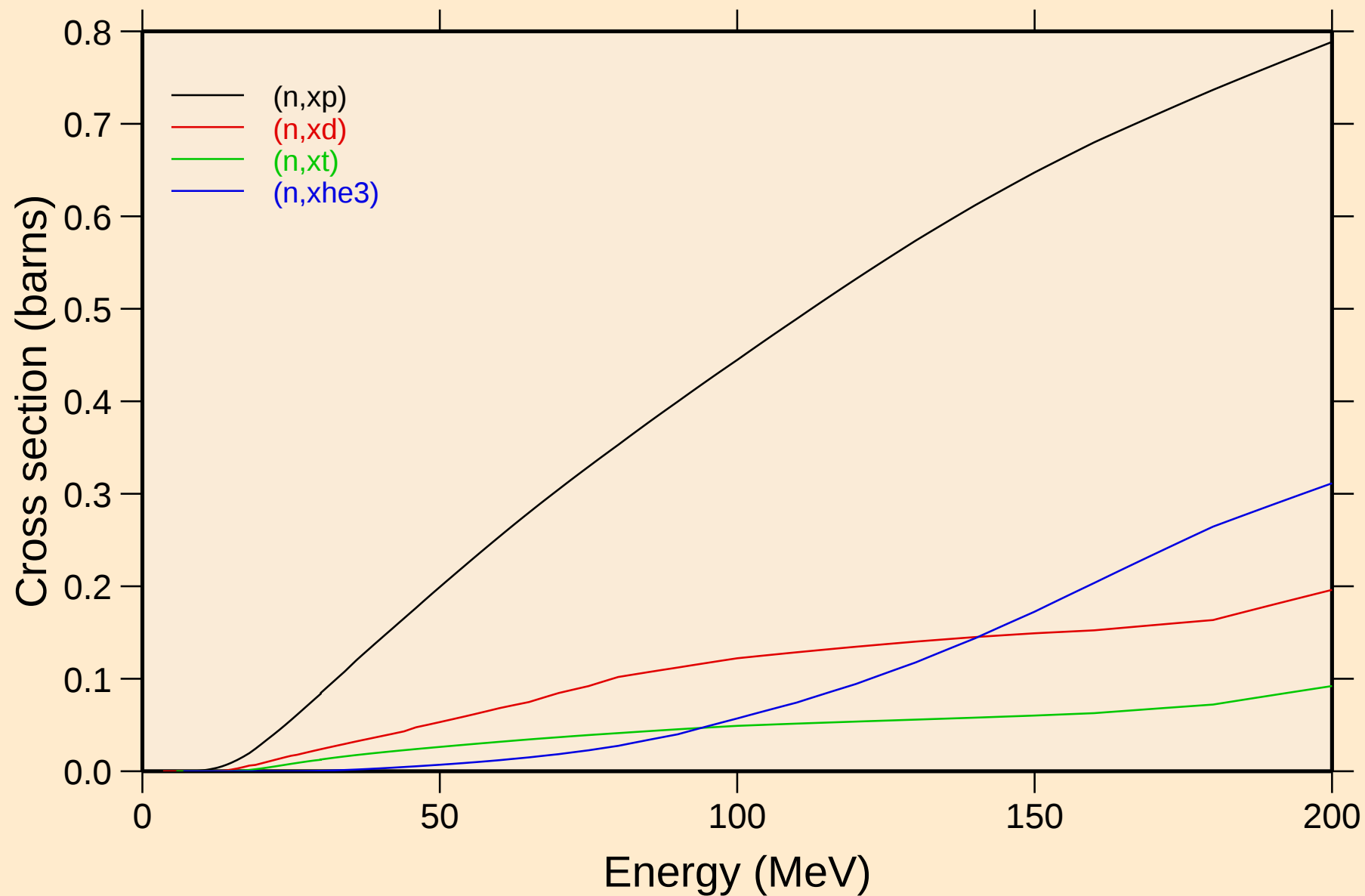
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

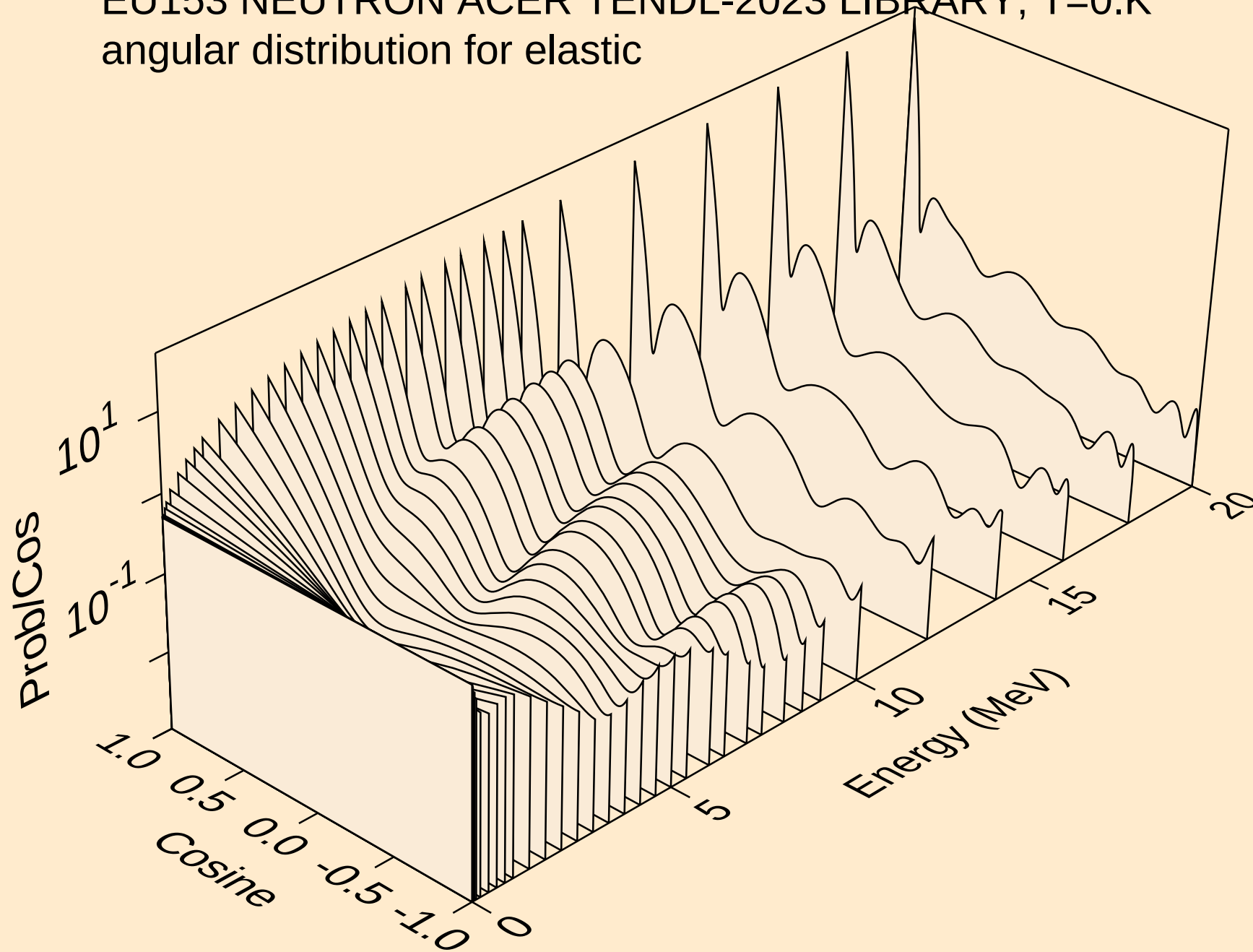


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

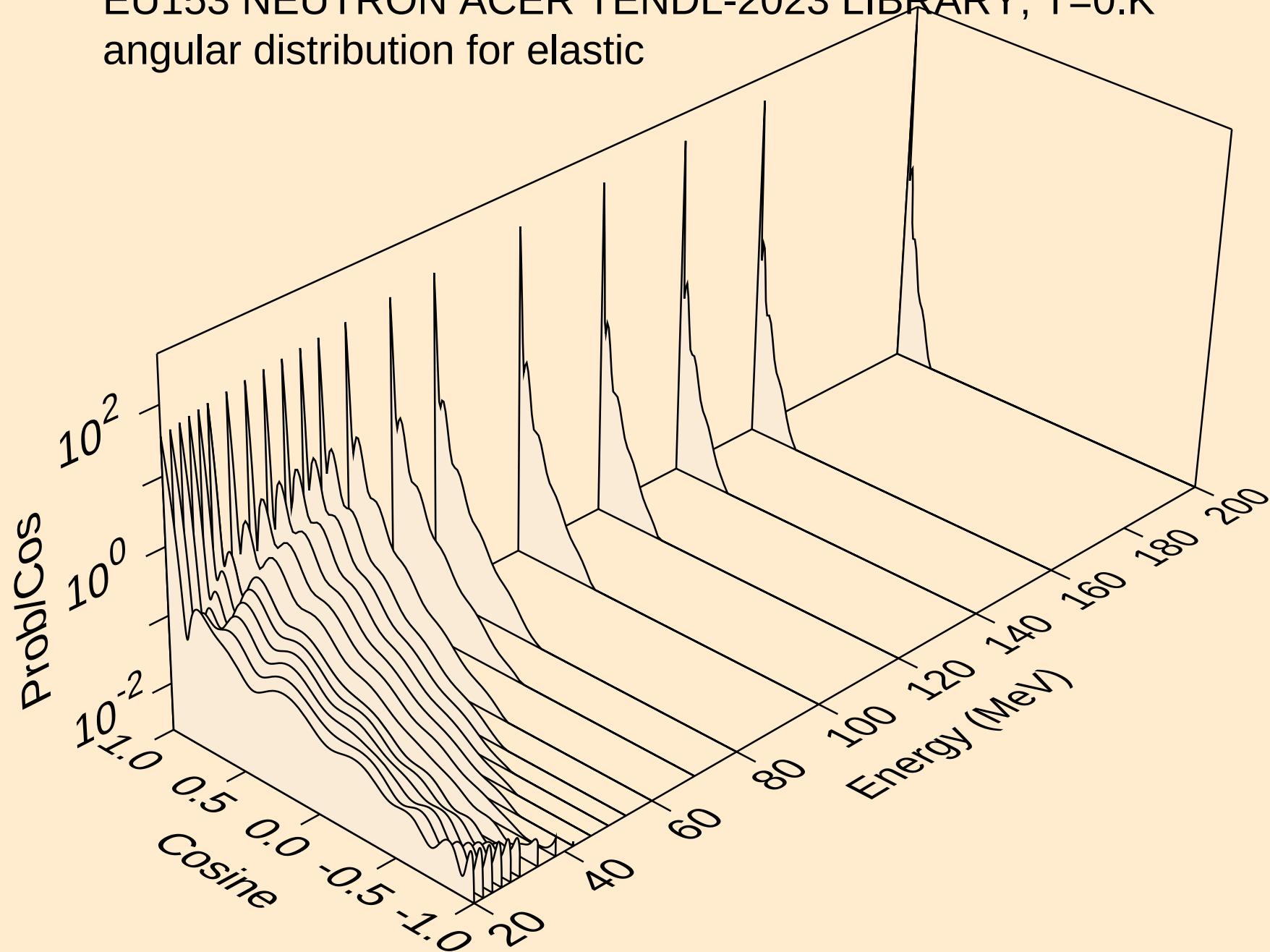
Threshold reactions



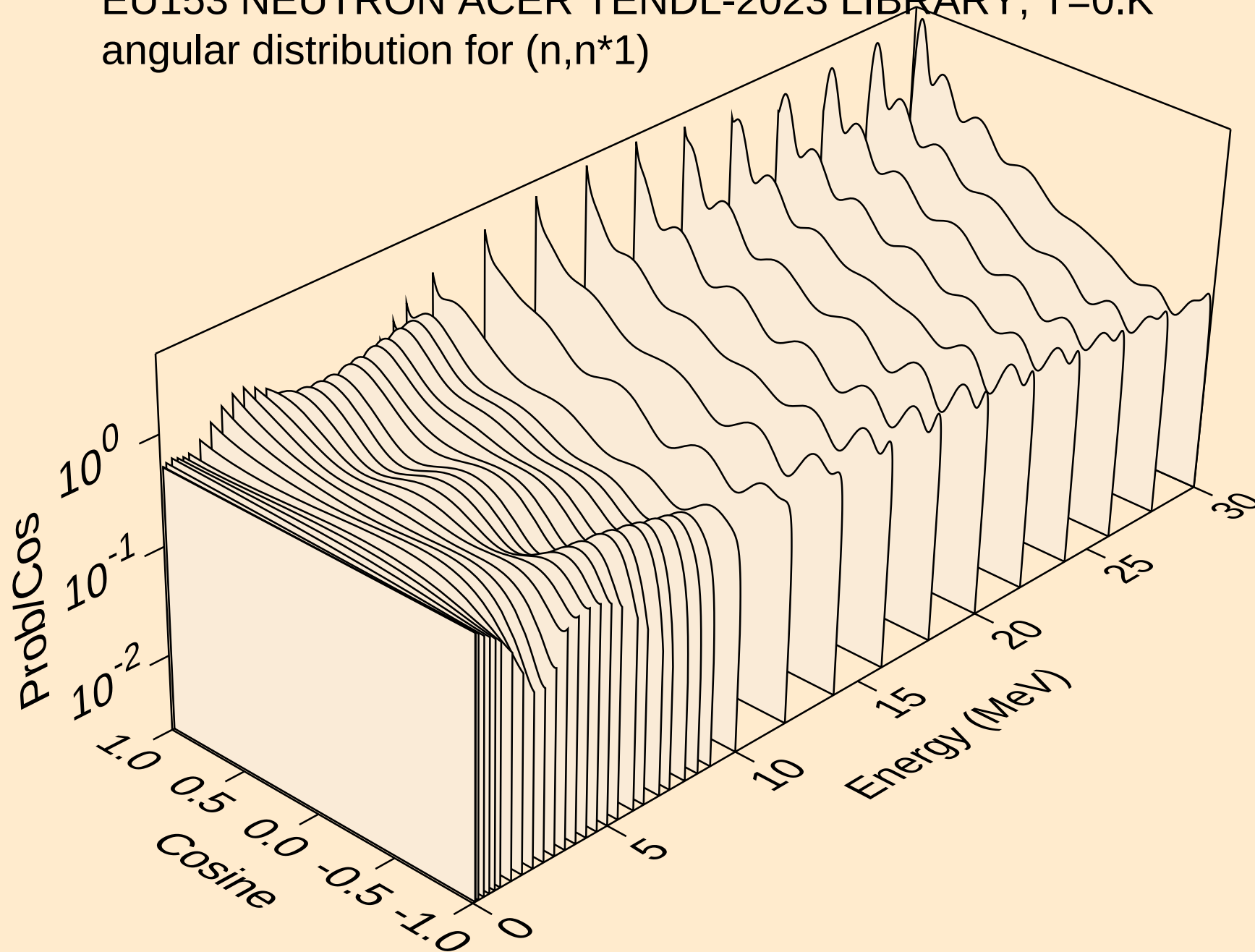
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



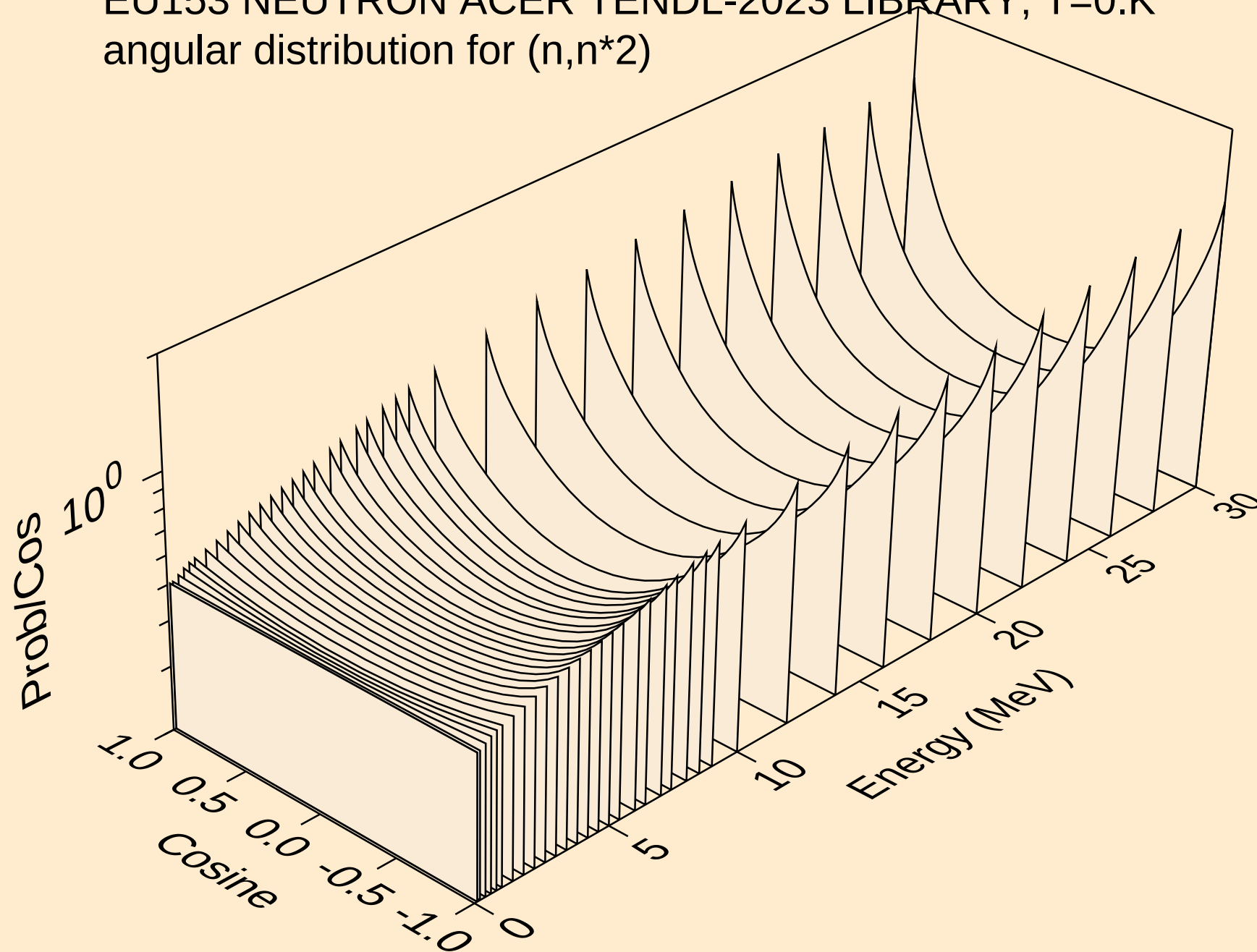
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



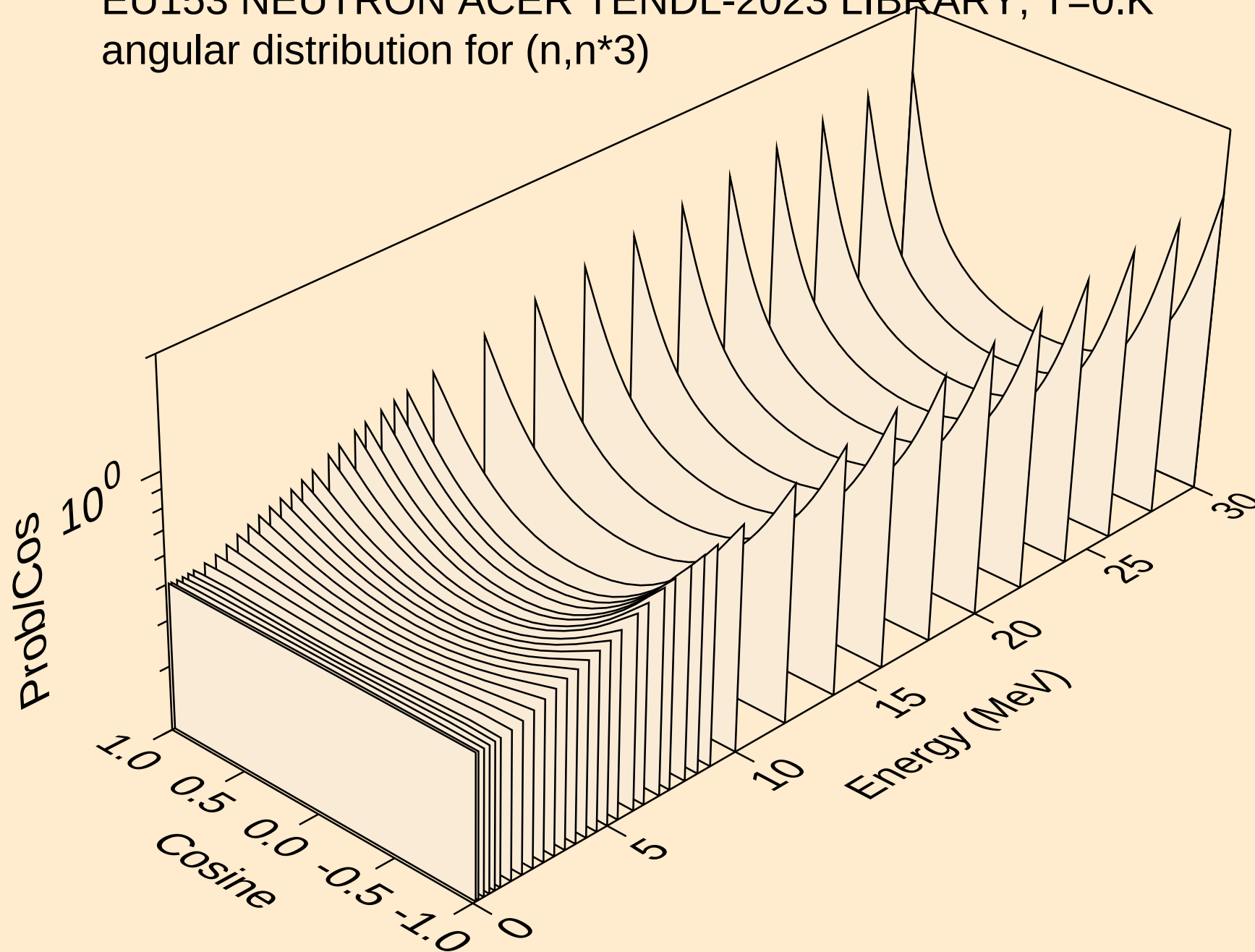
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



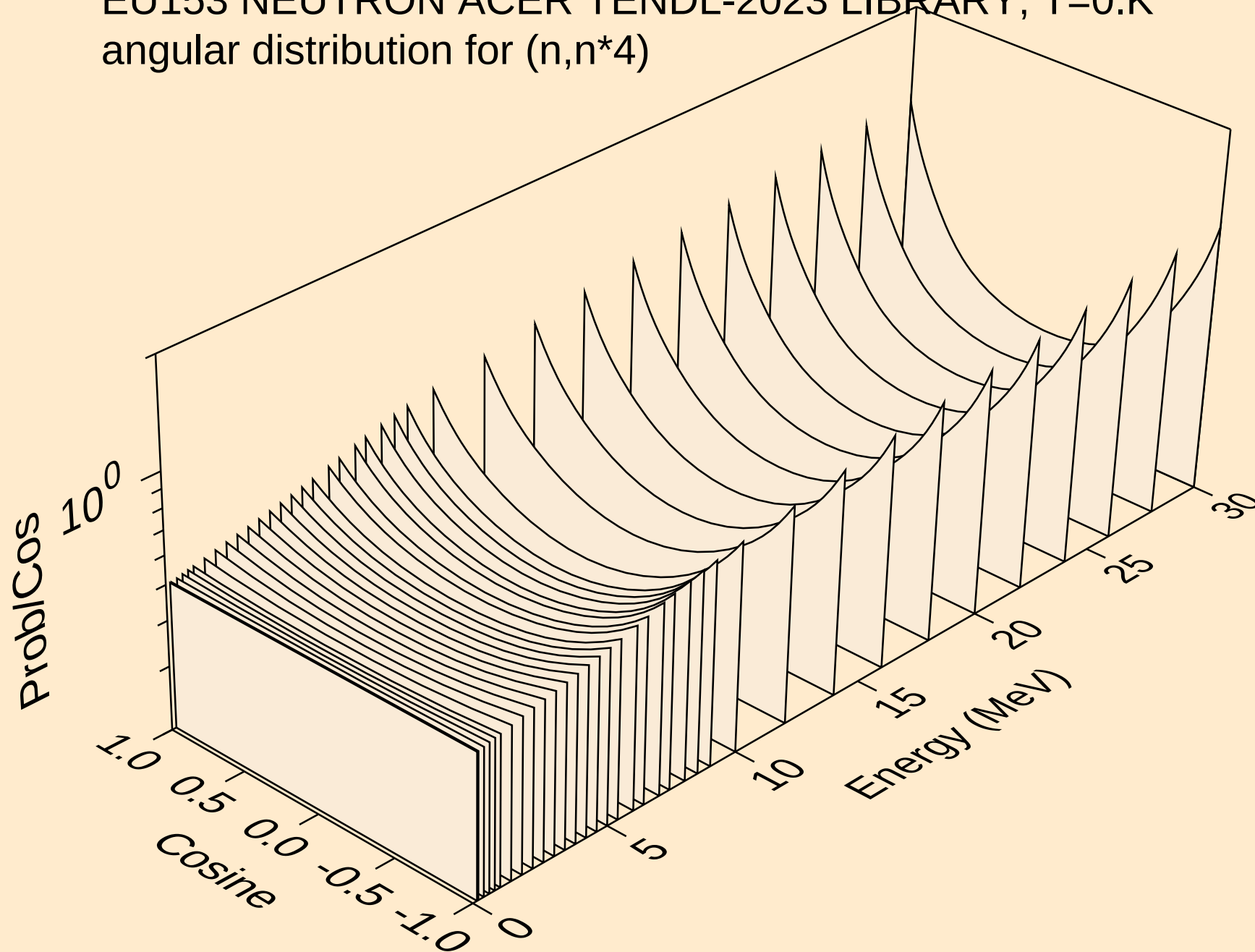
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



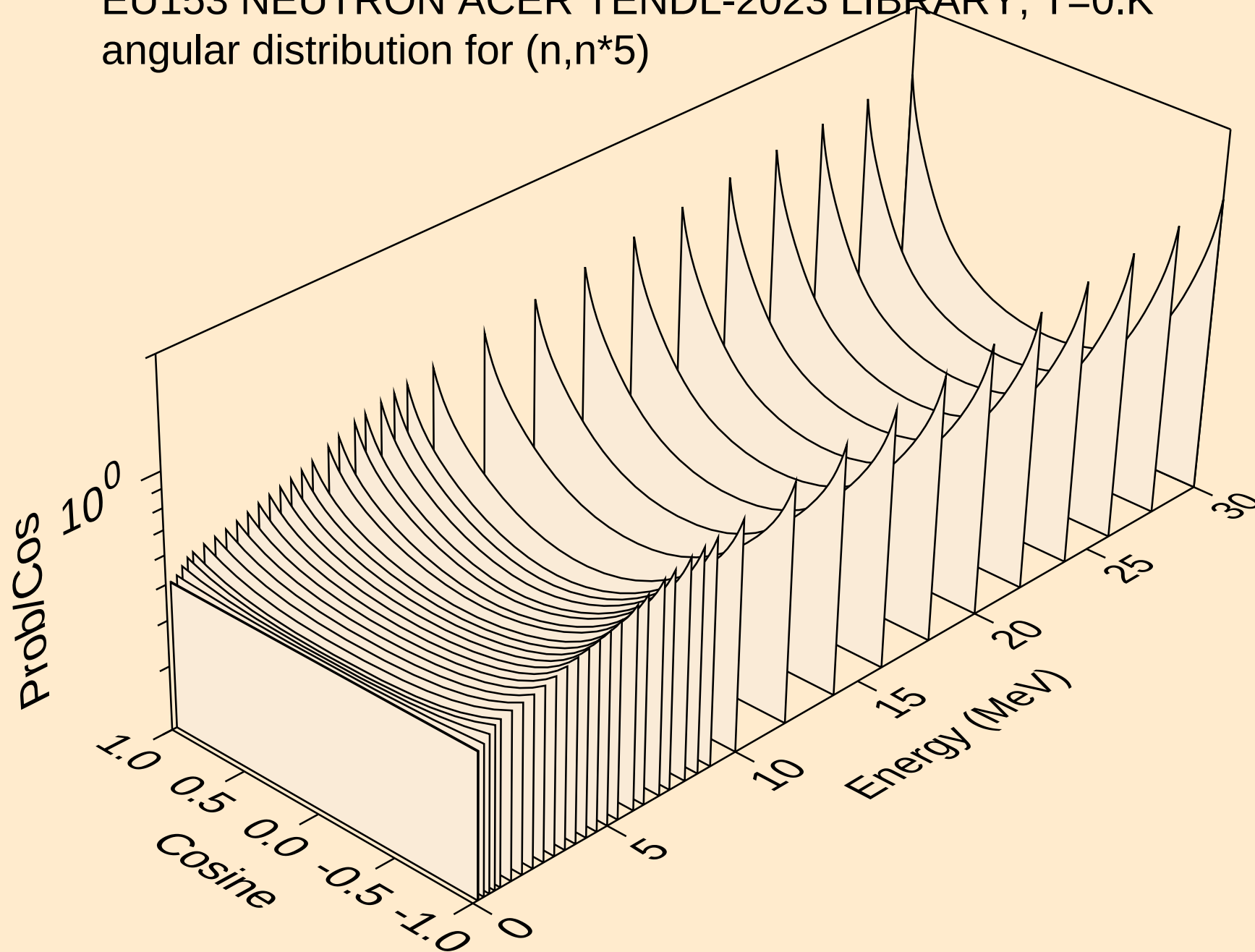
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



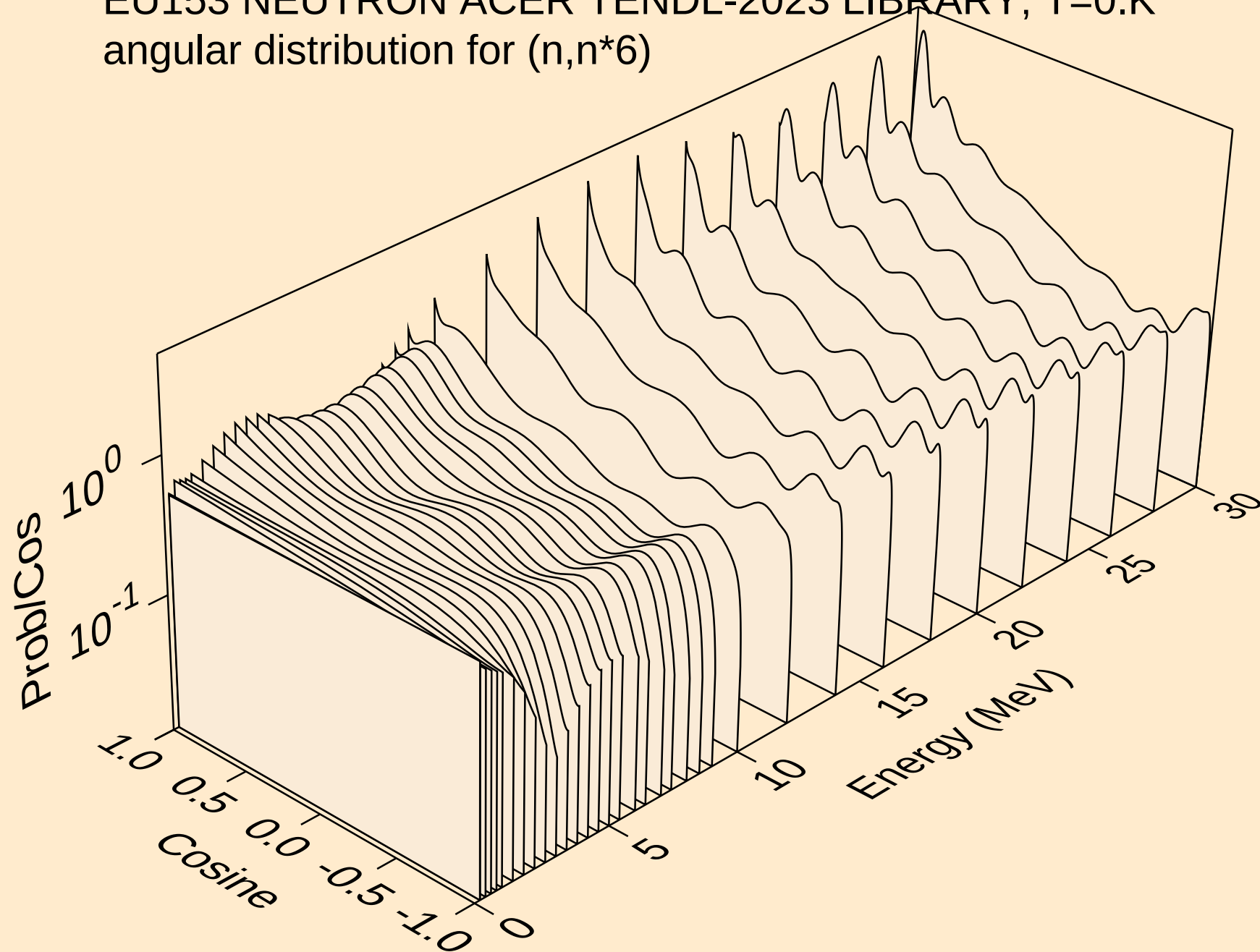
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



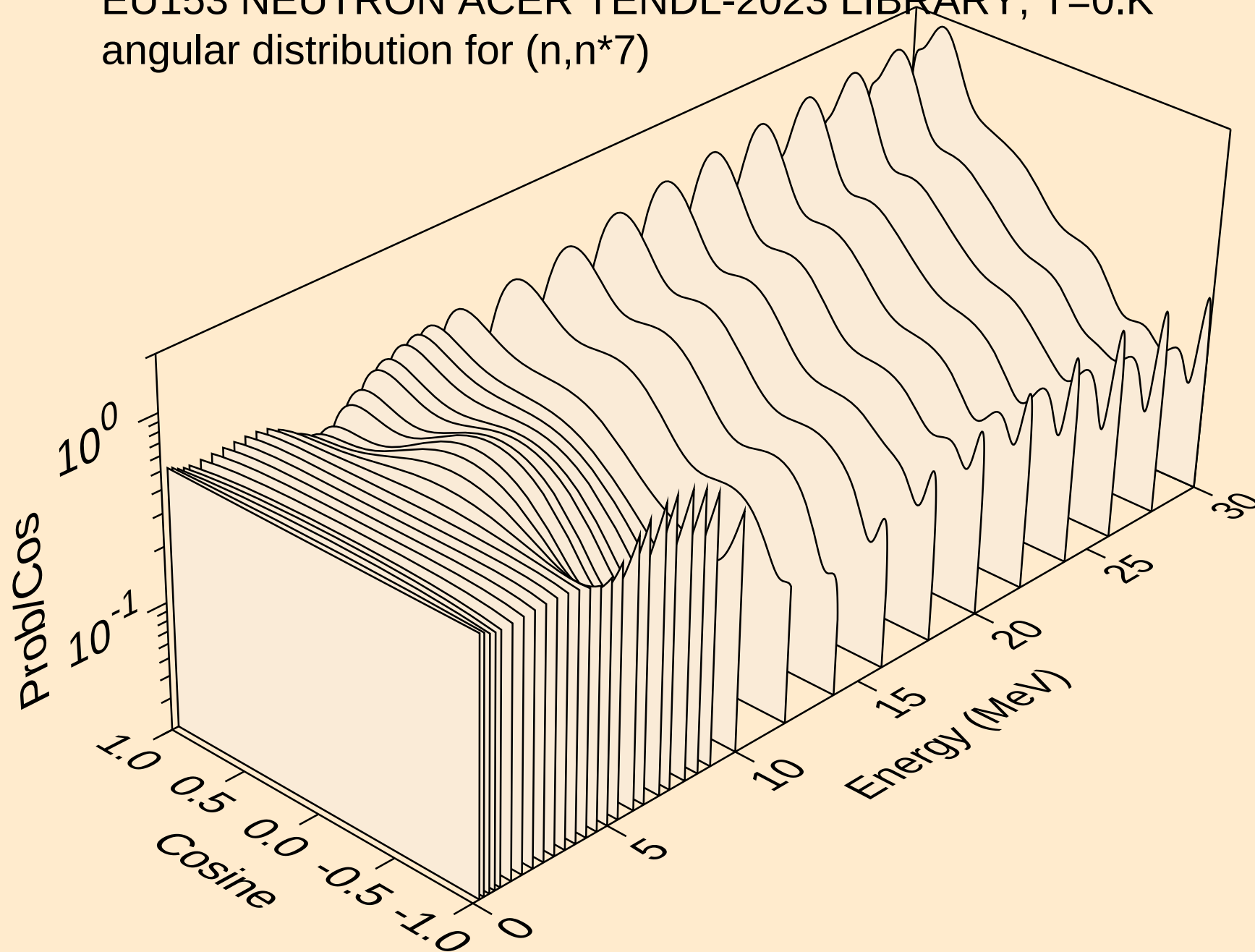
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



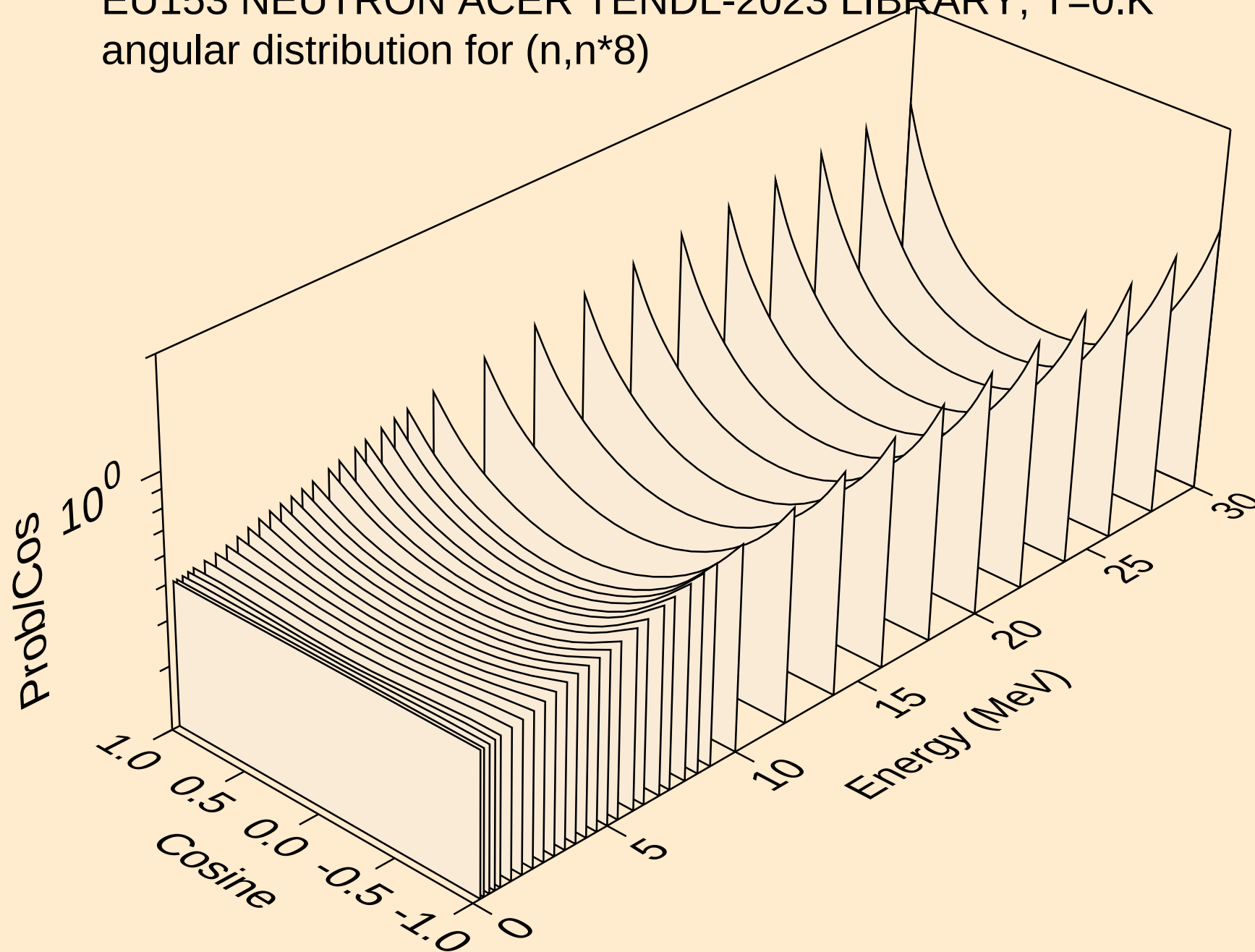
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



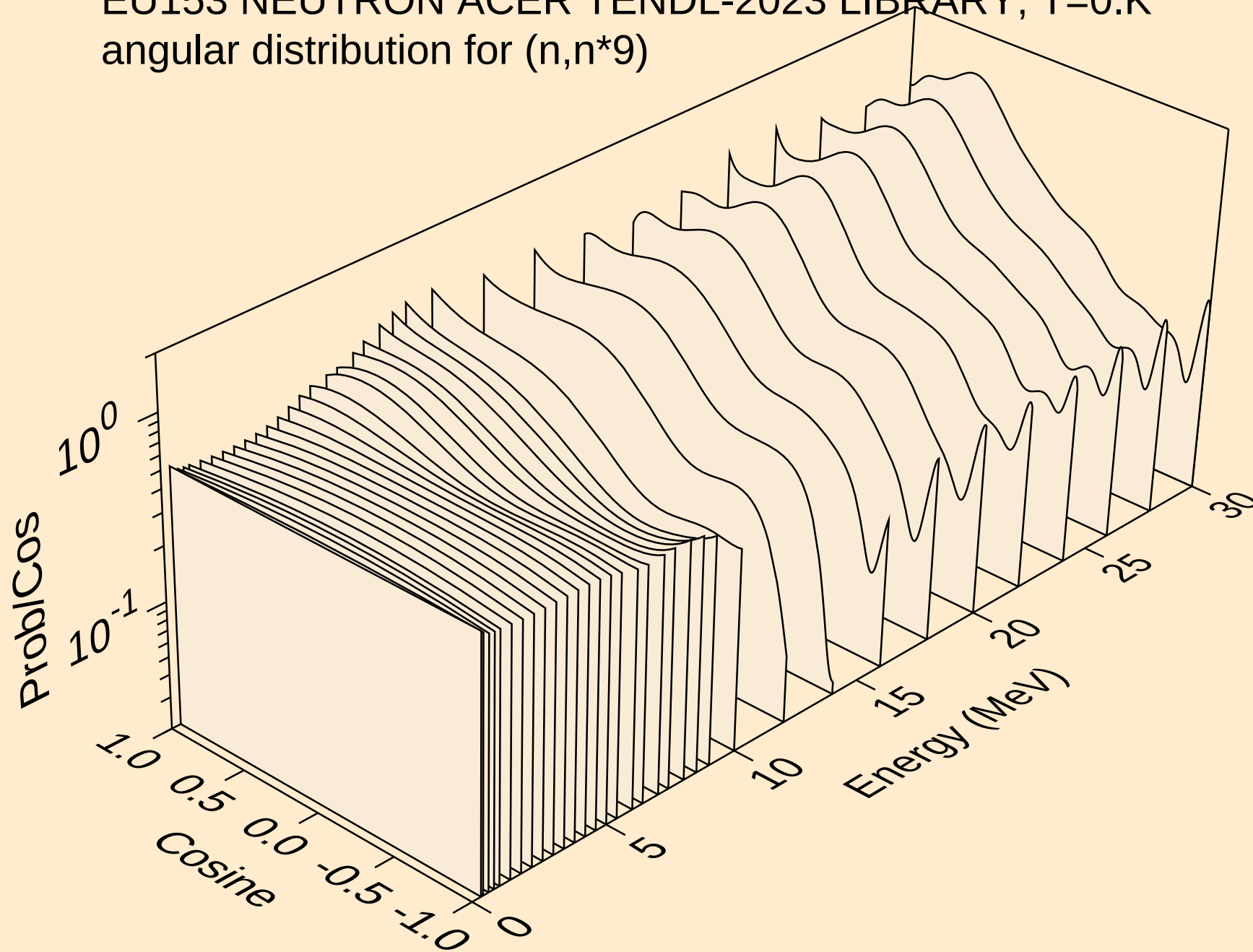
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



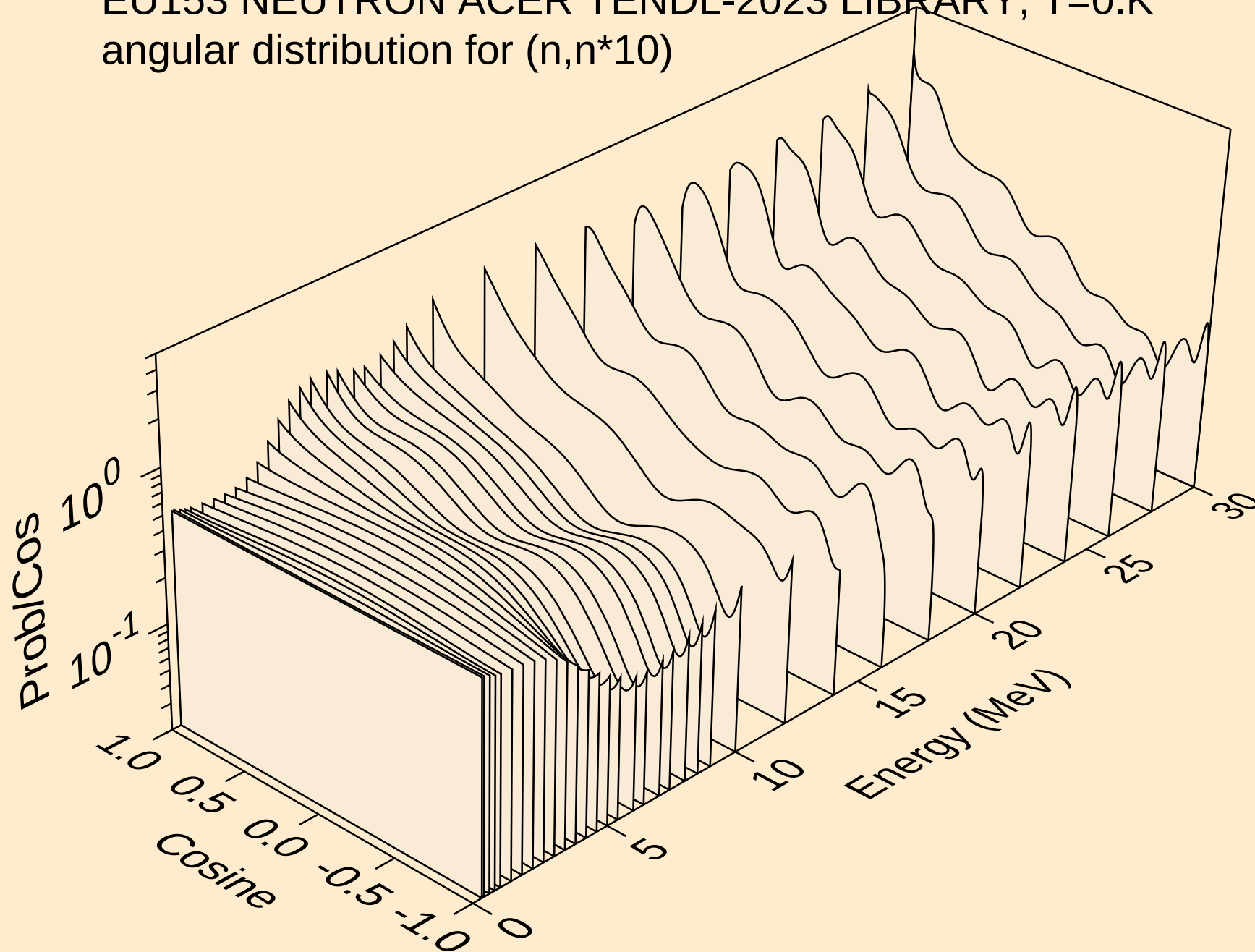
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



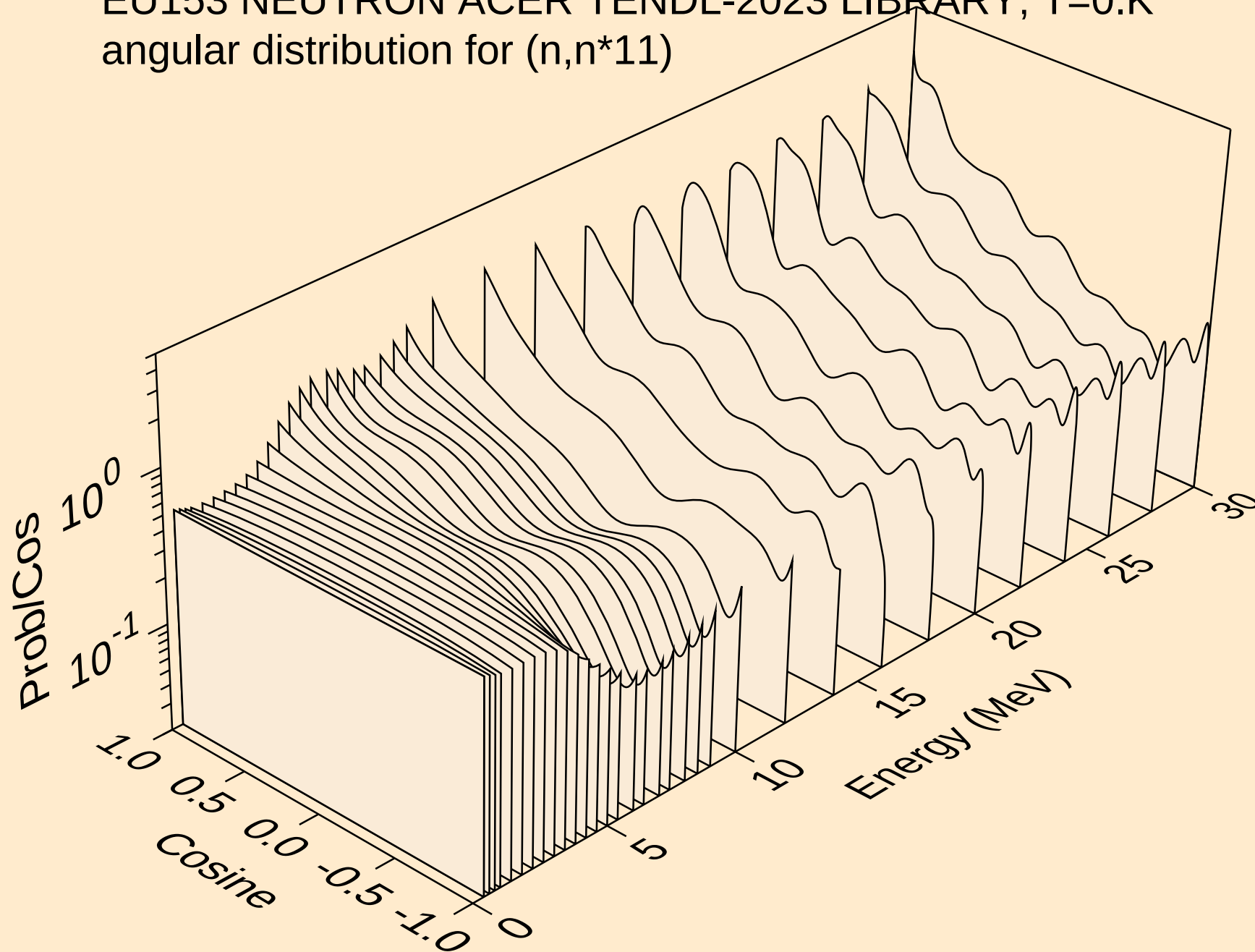
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



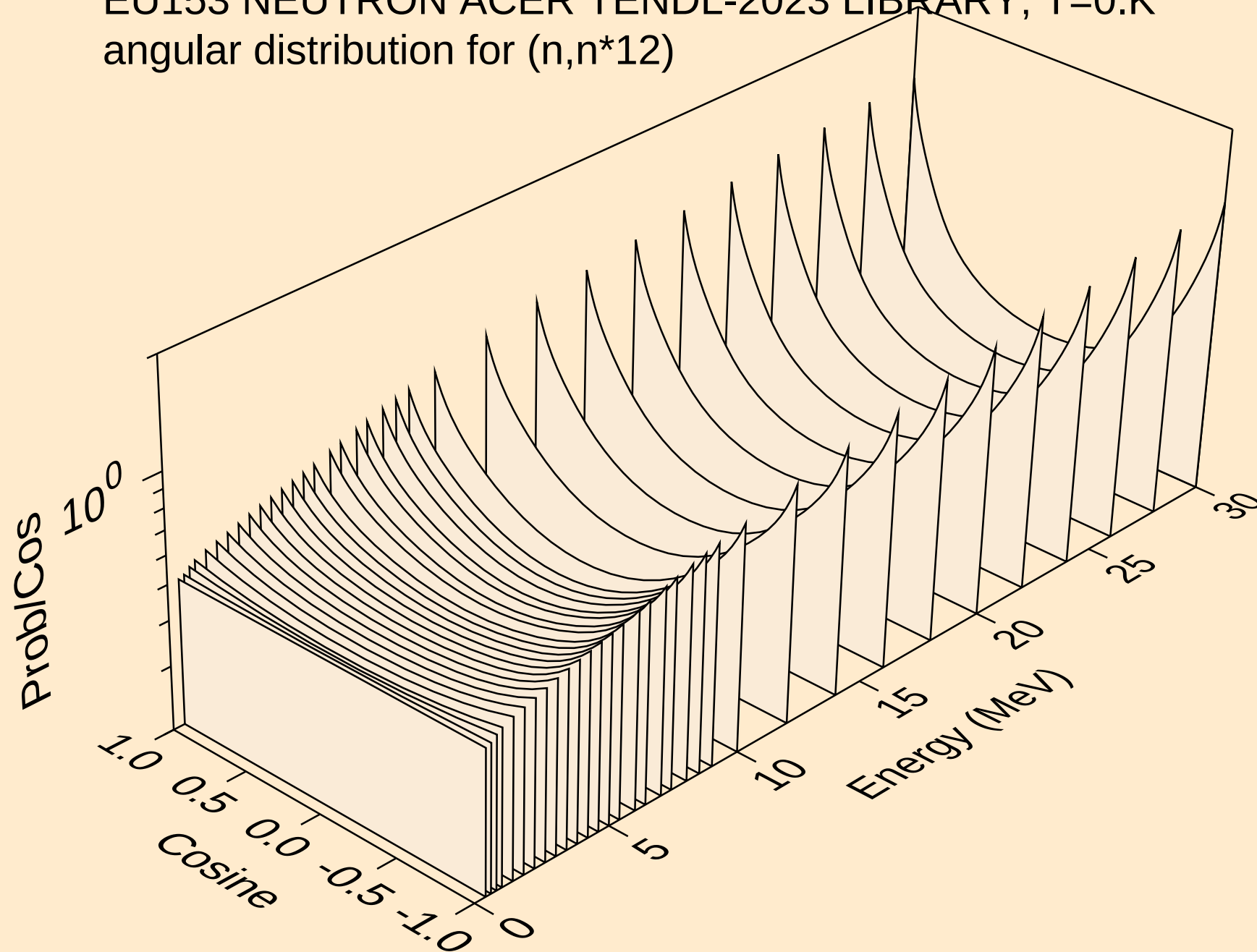
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



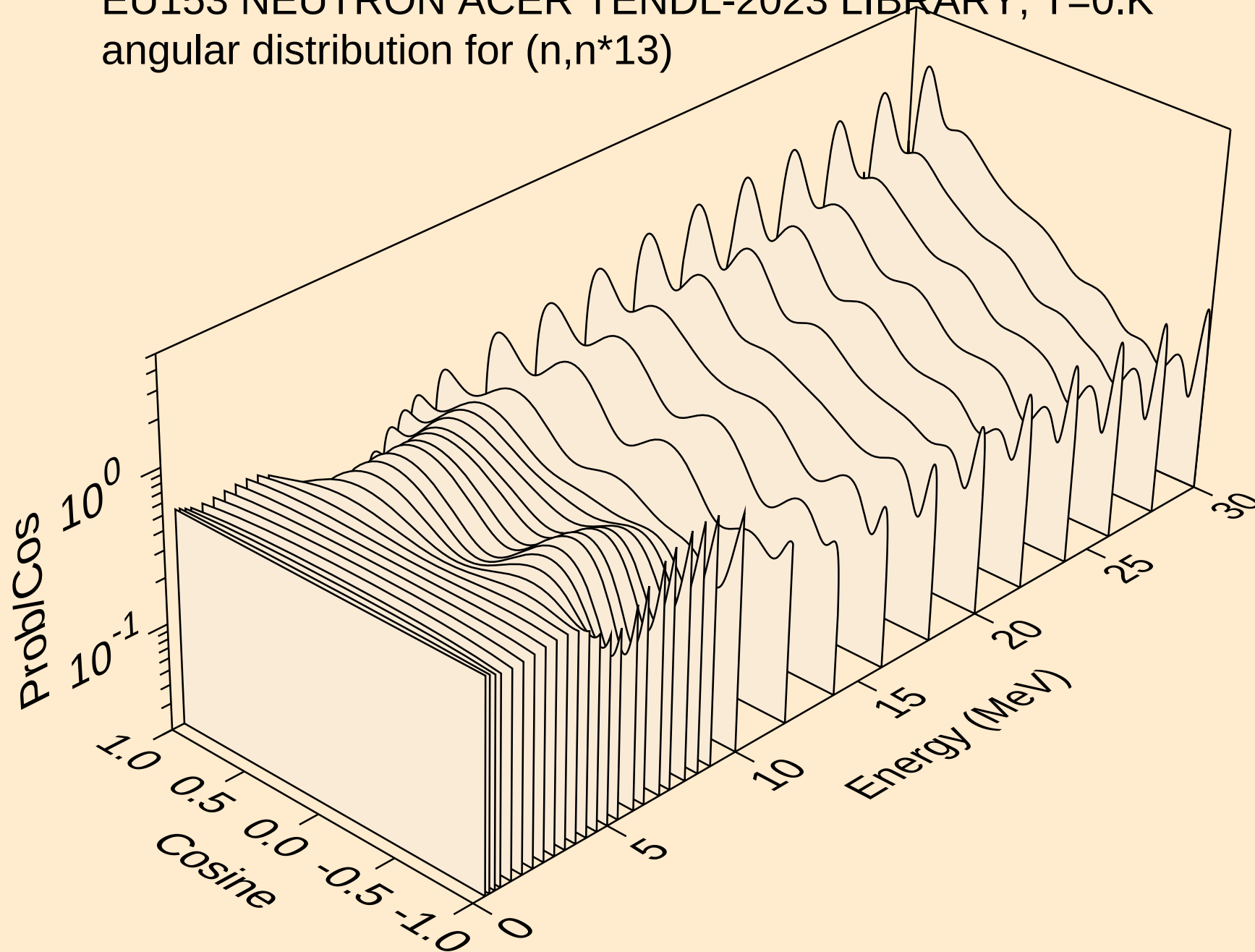
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



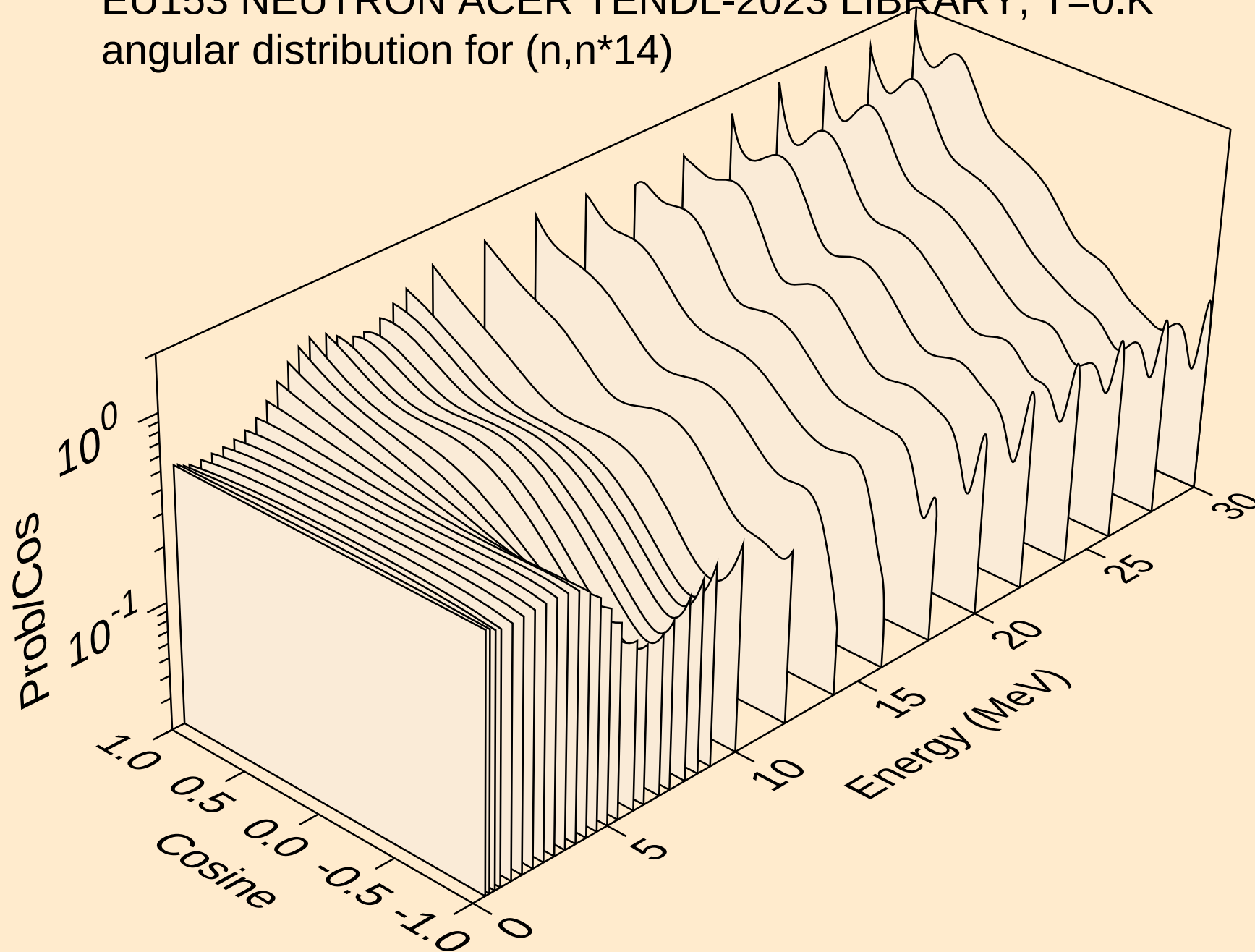
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



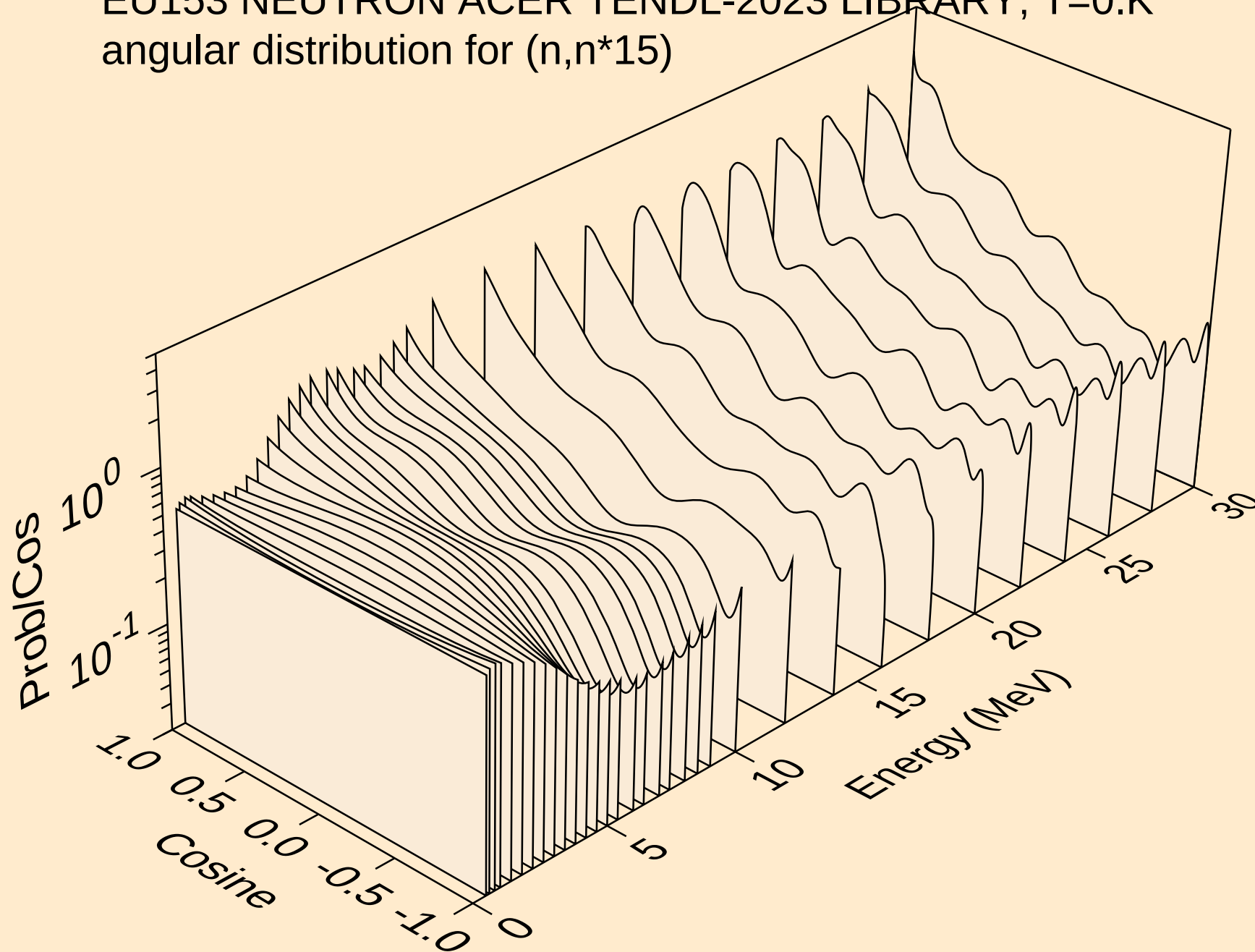
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



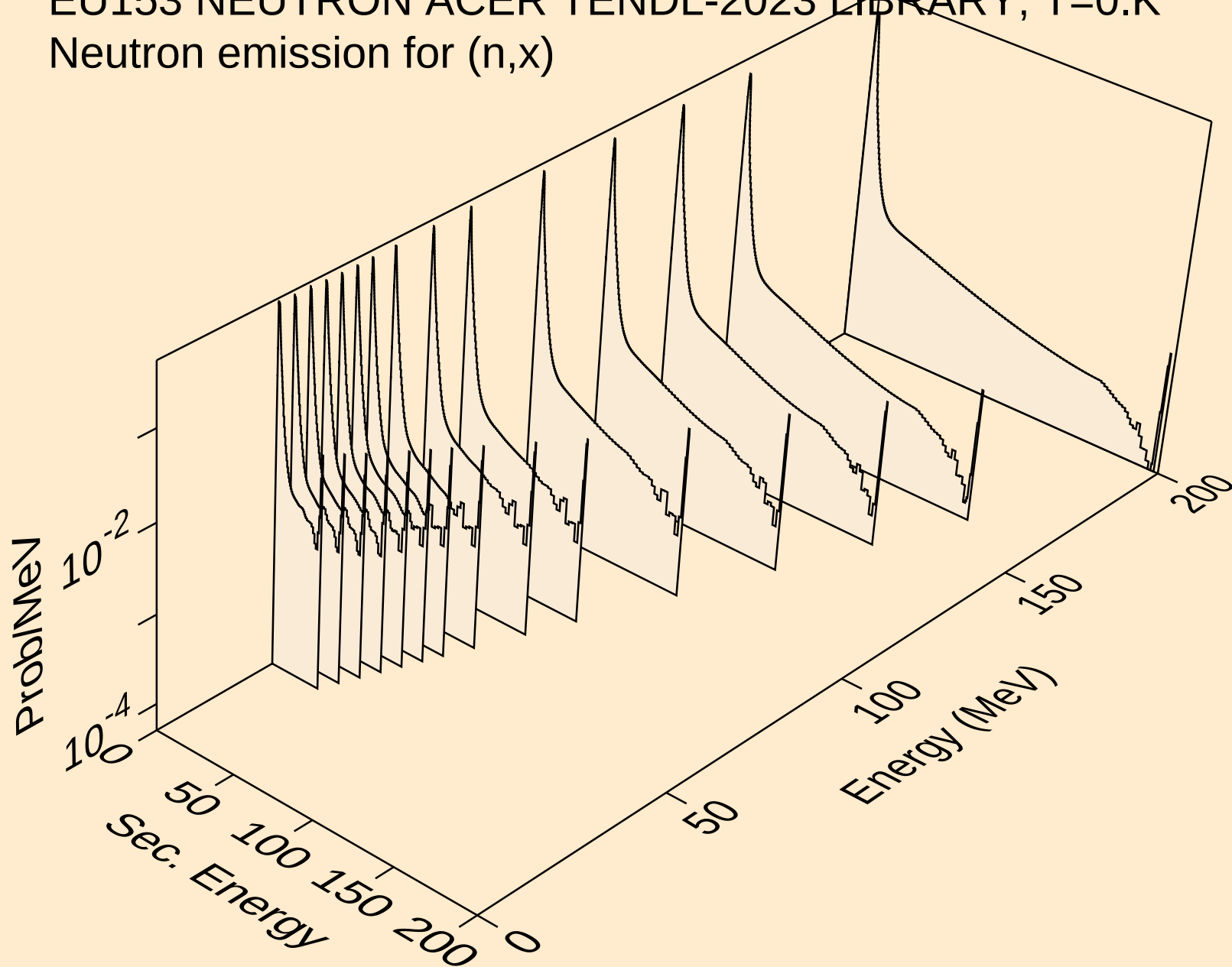
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



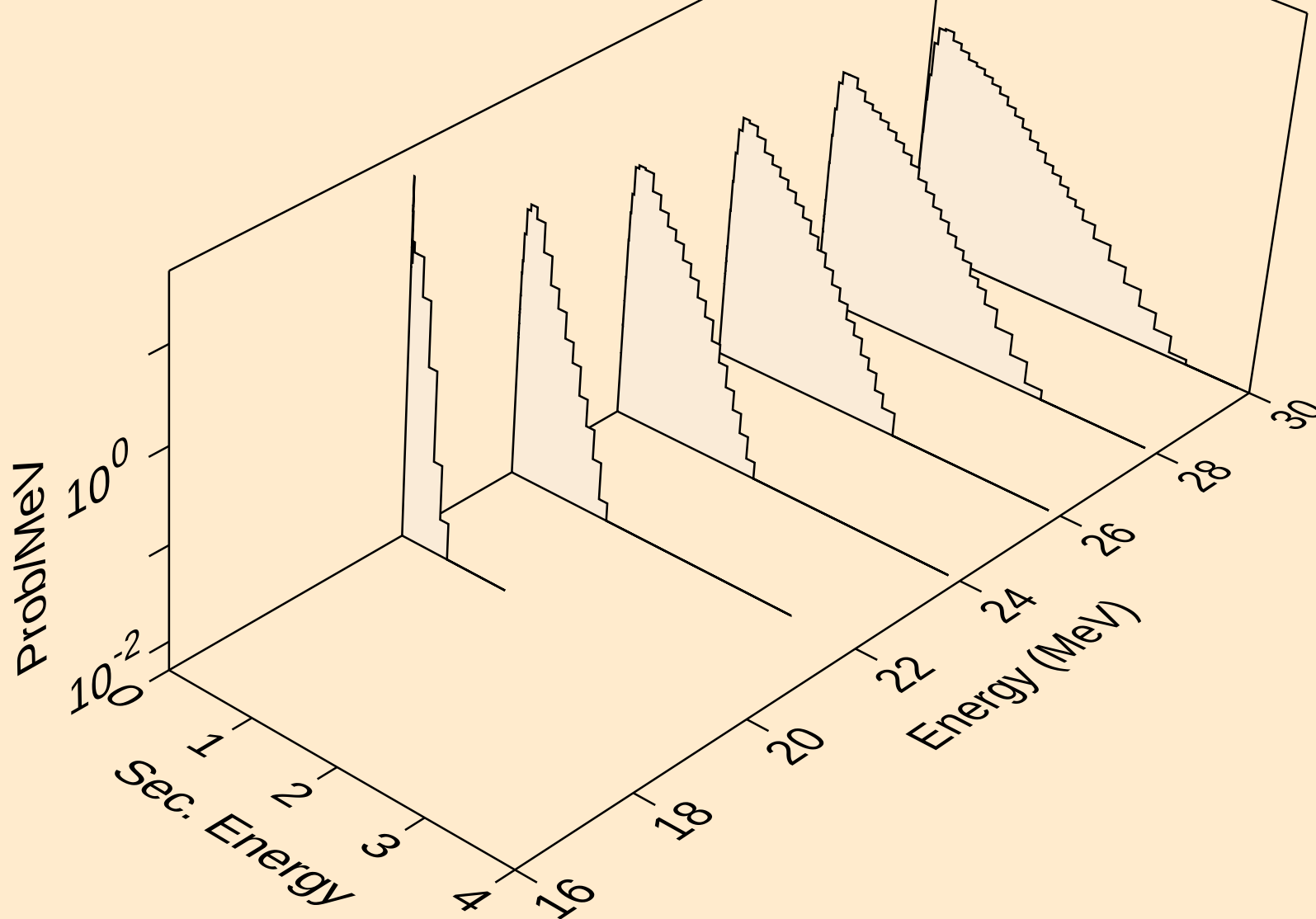
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



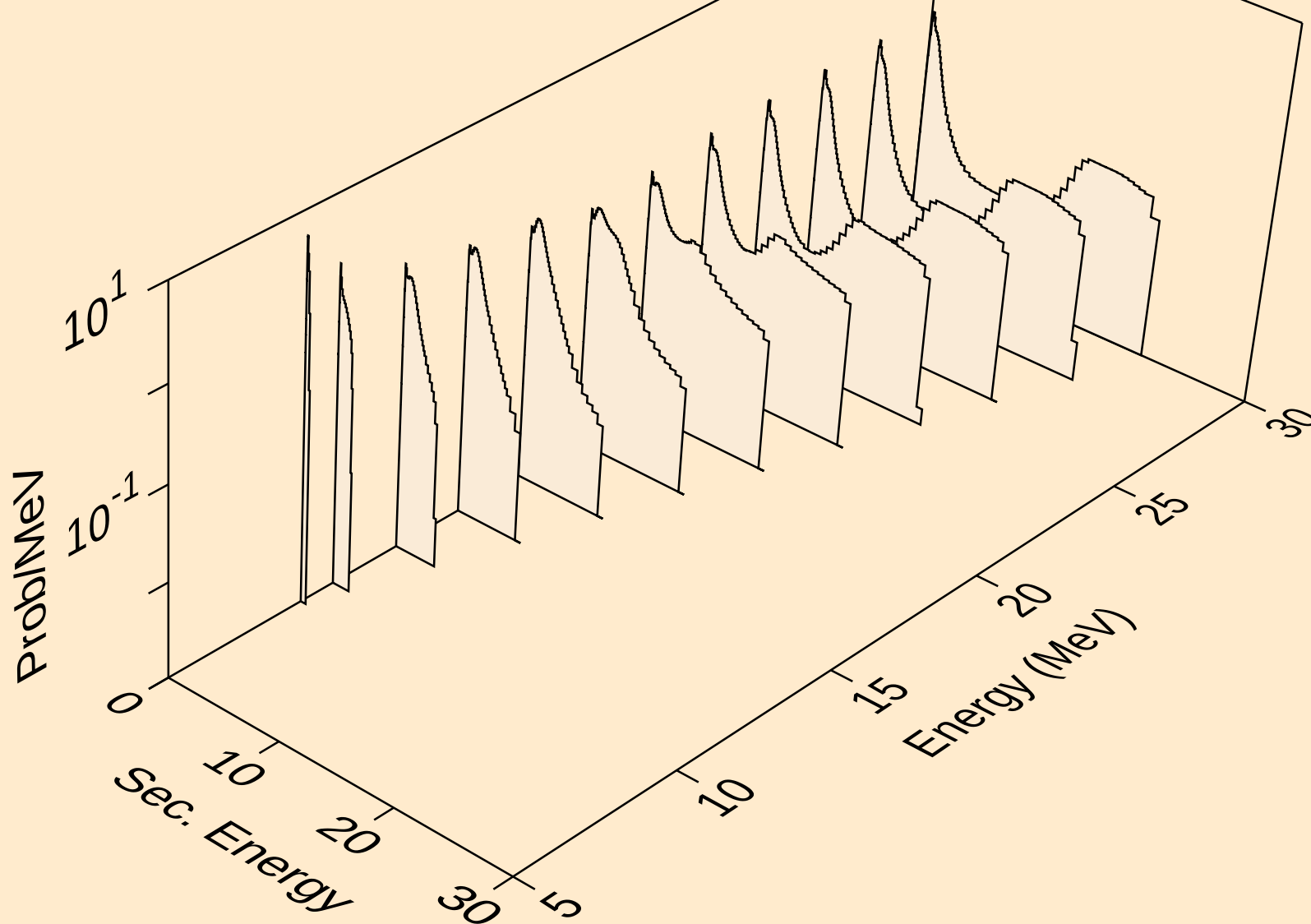
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



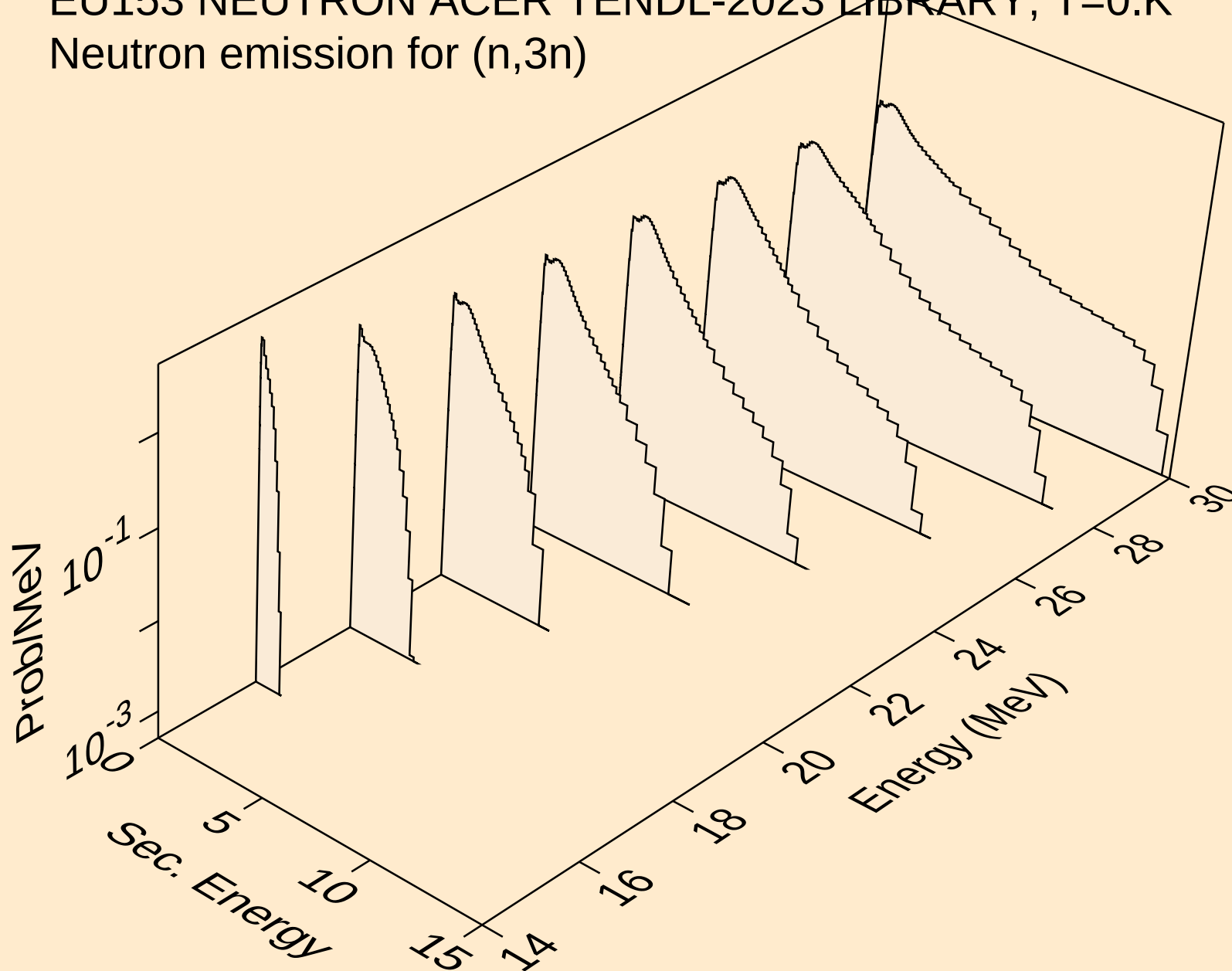
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)

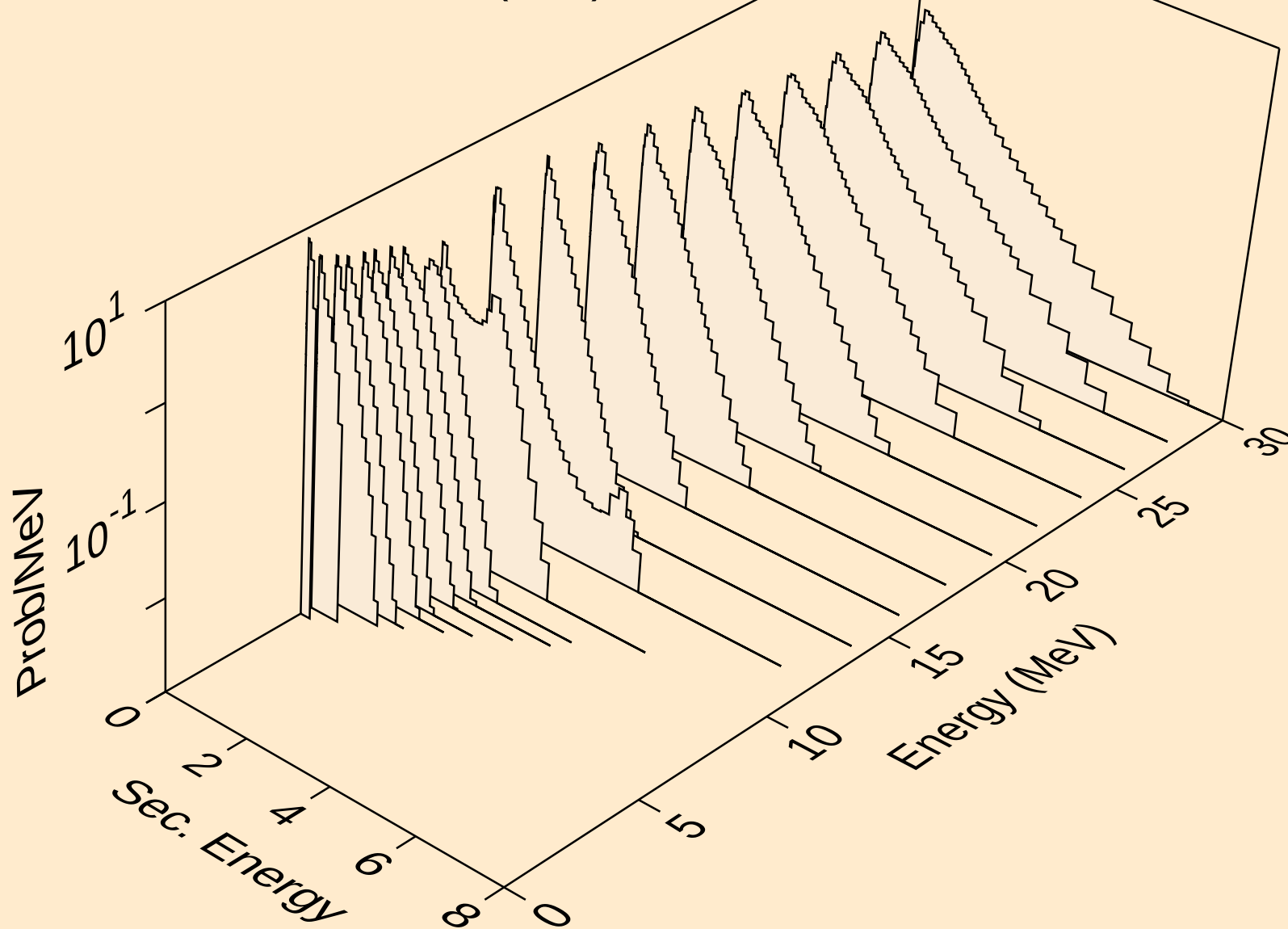


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

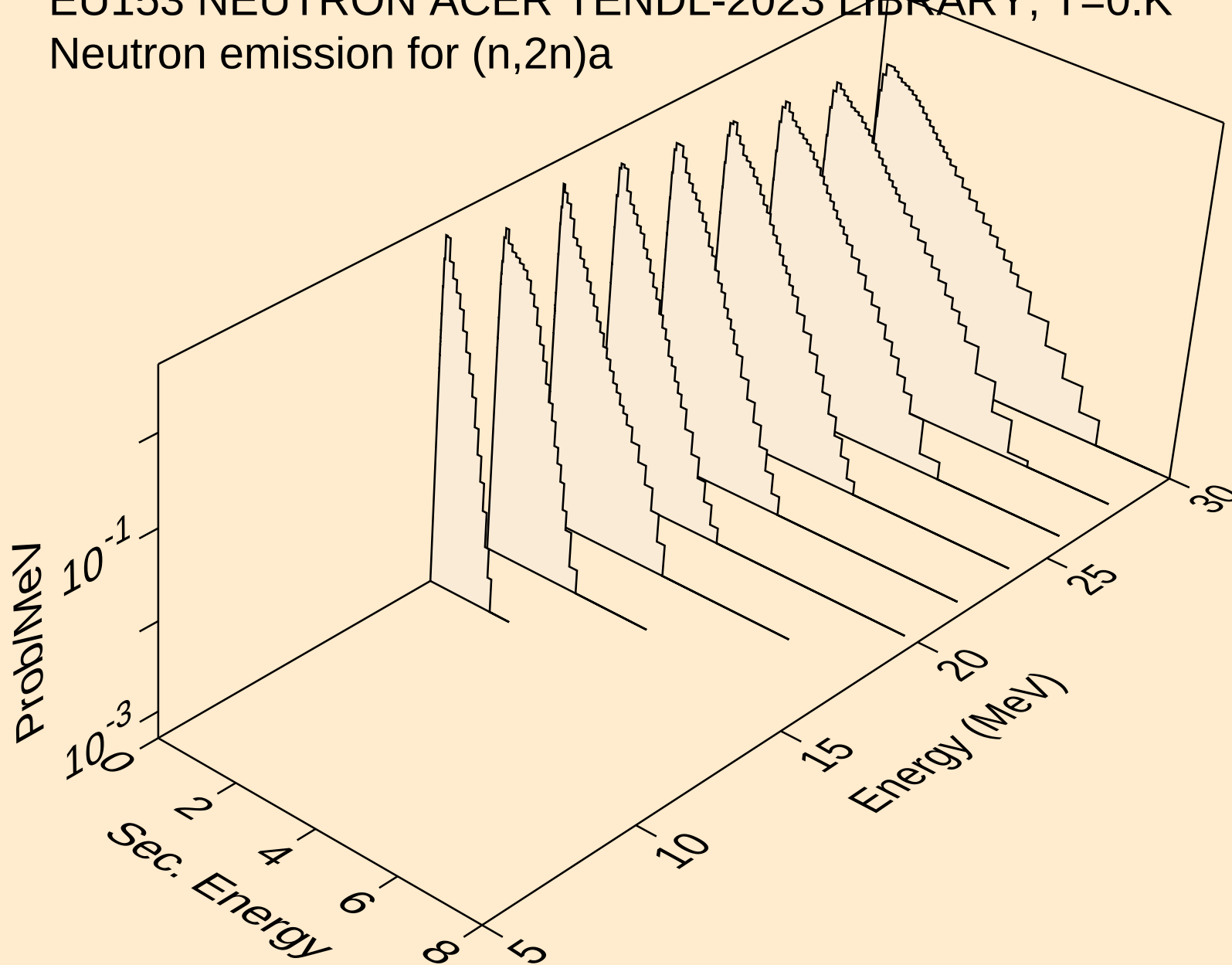


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

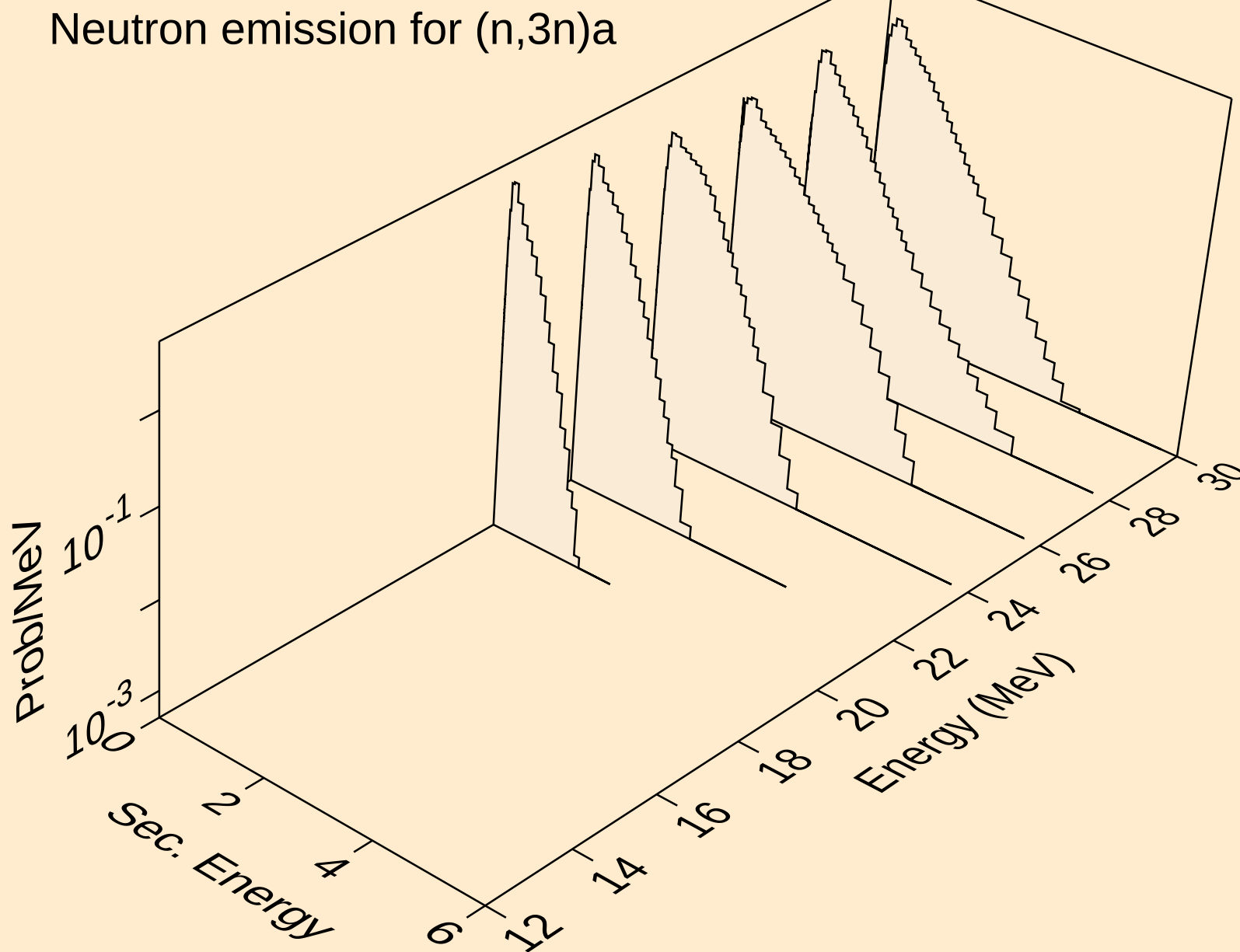
Neutron emission for (n,n*)a



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a

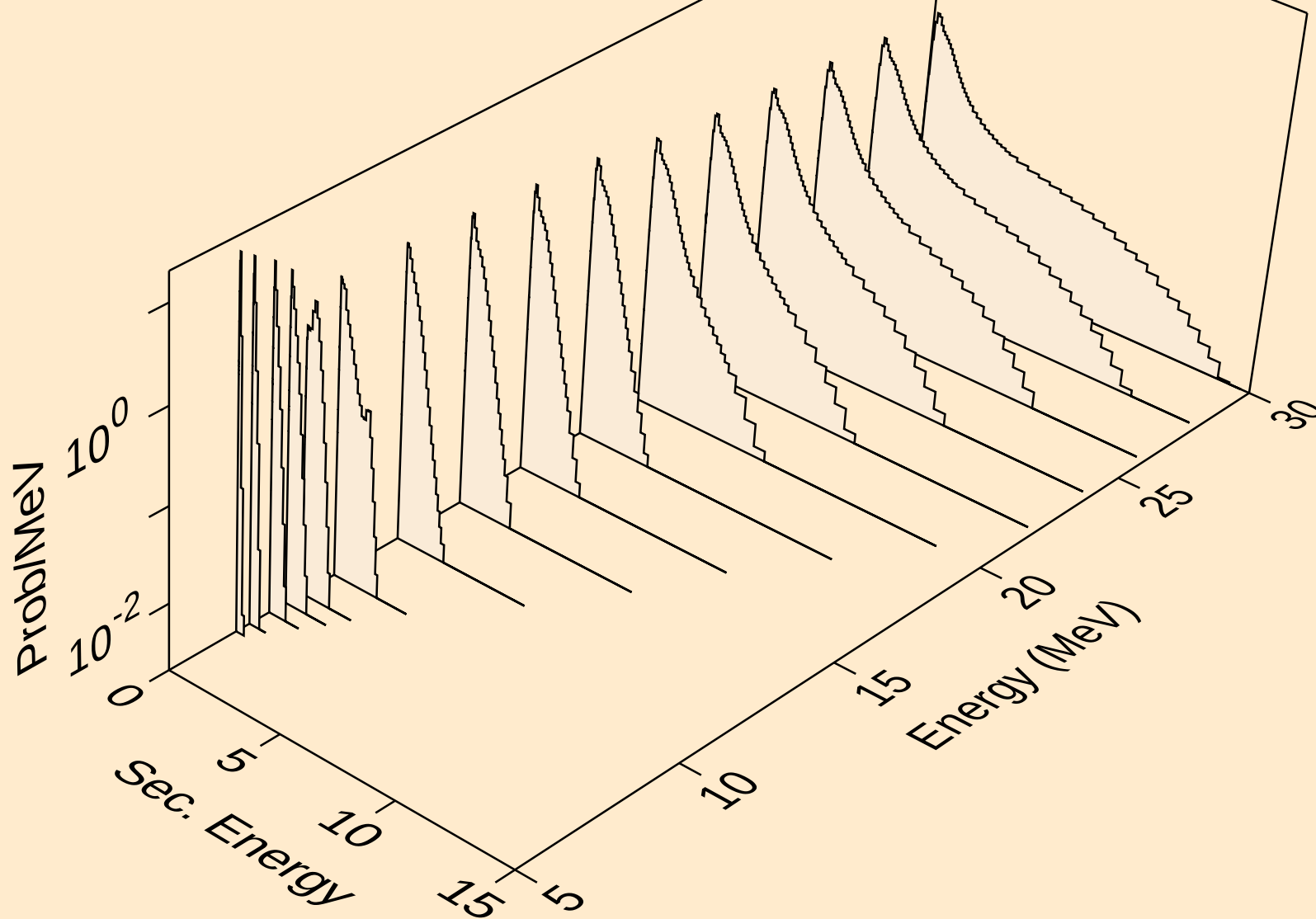


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a

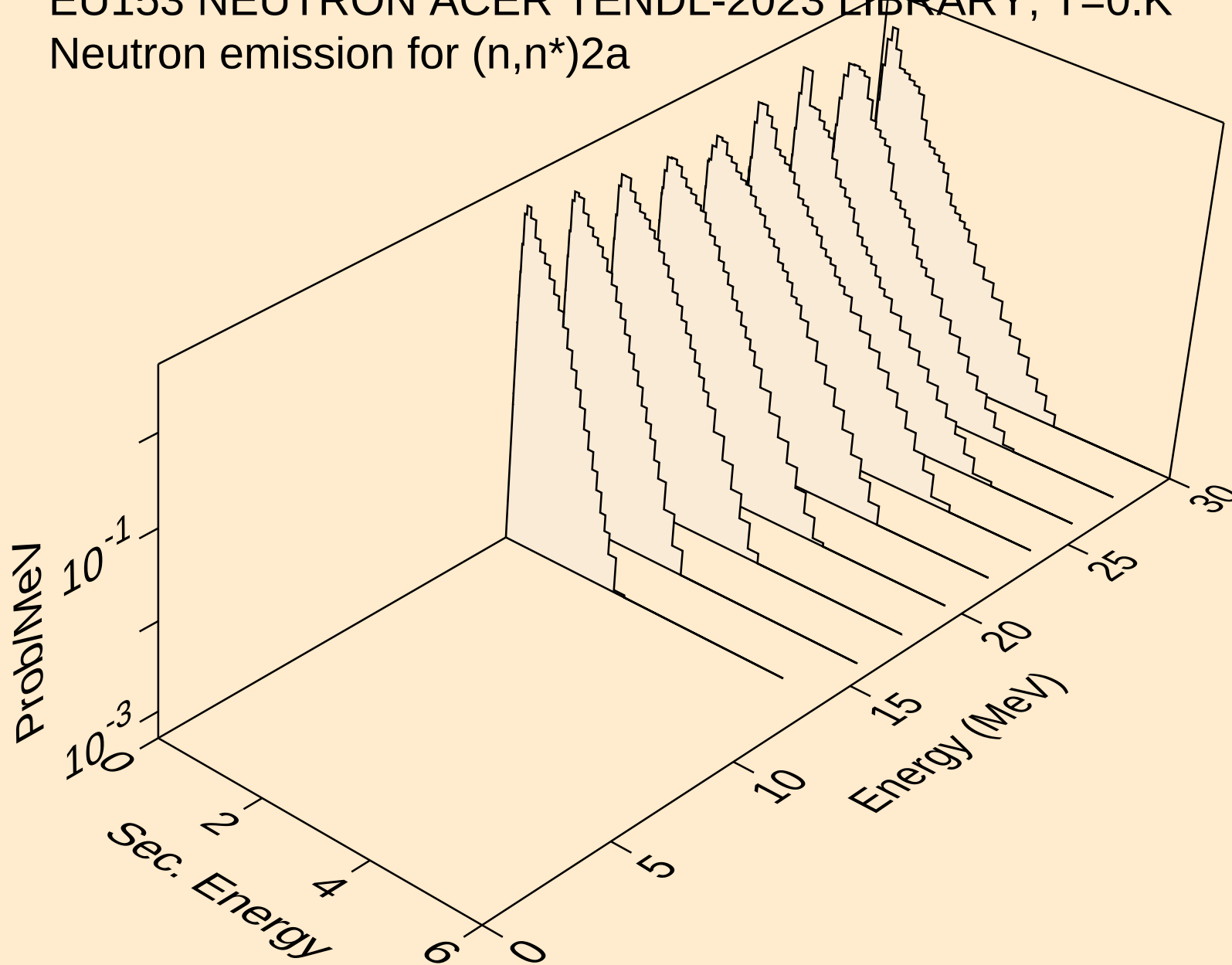


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p

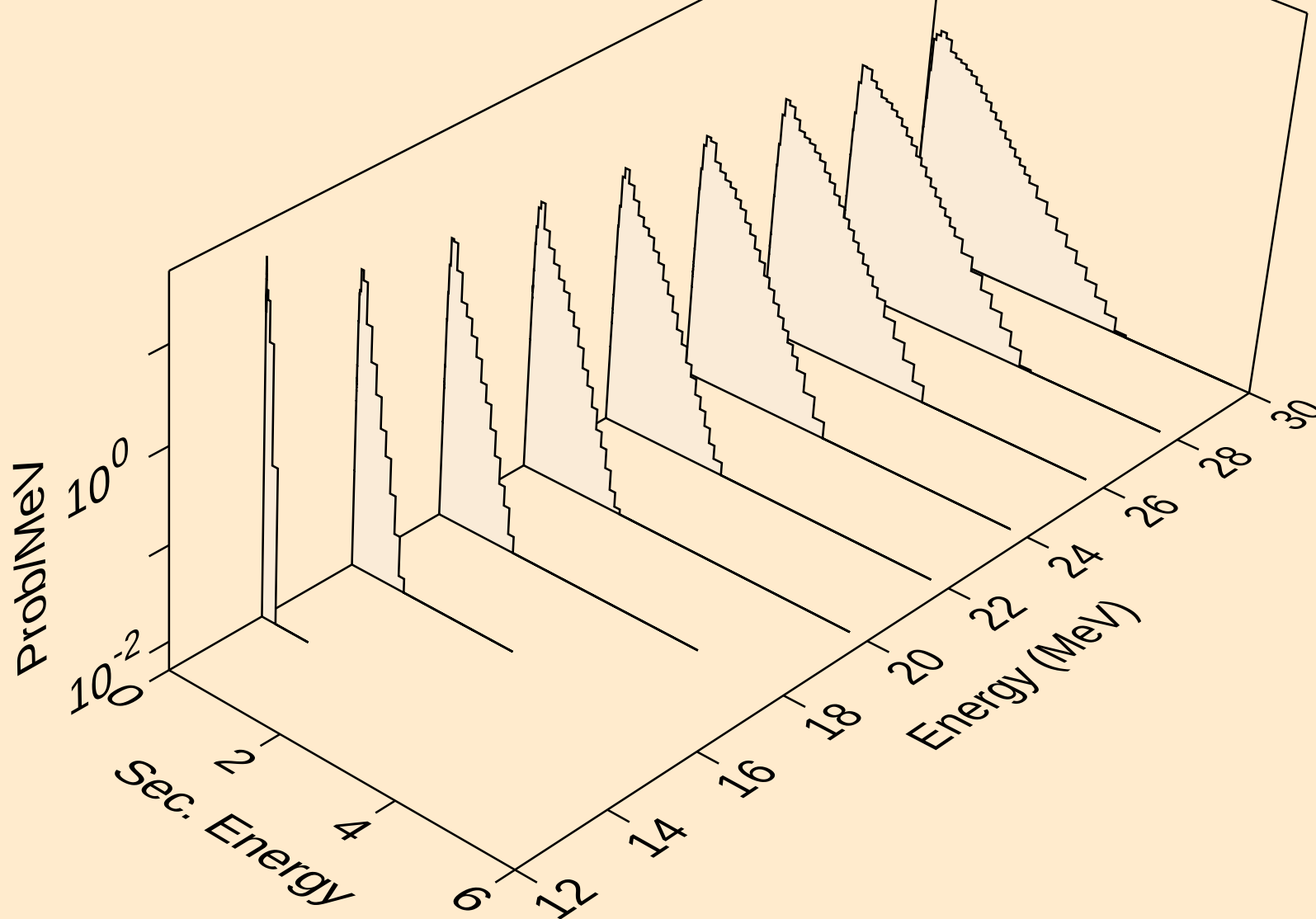


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



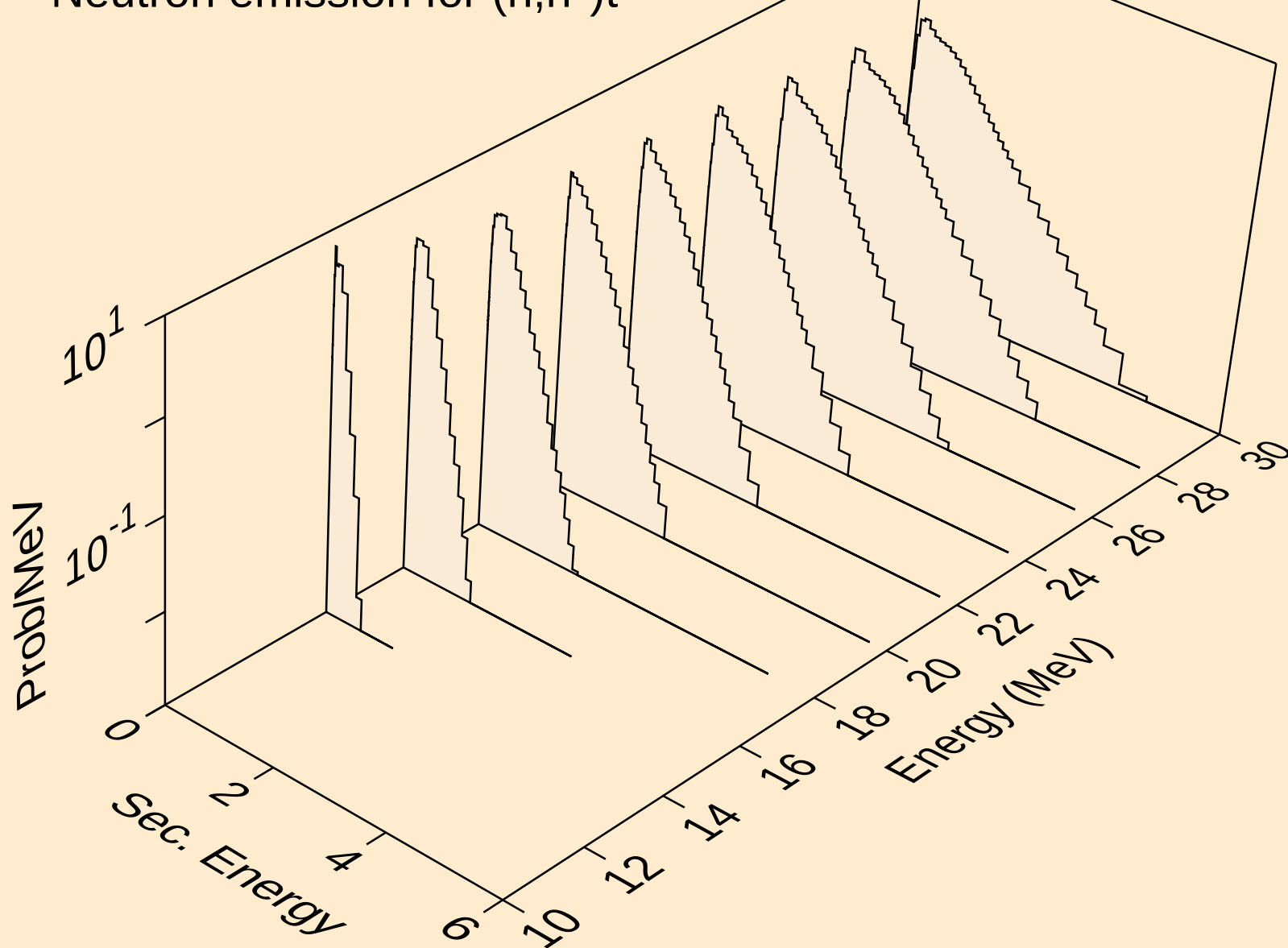
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d

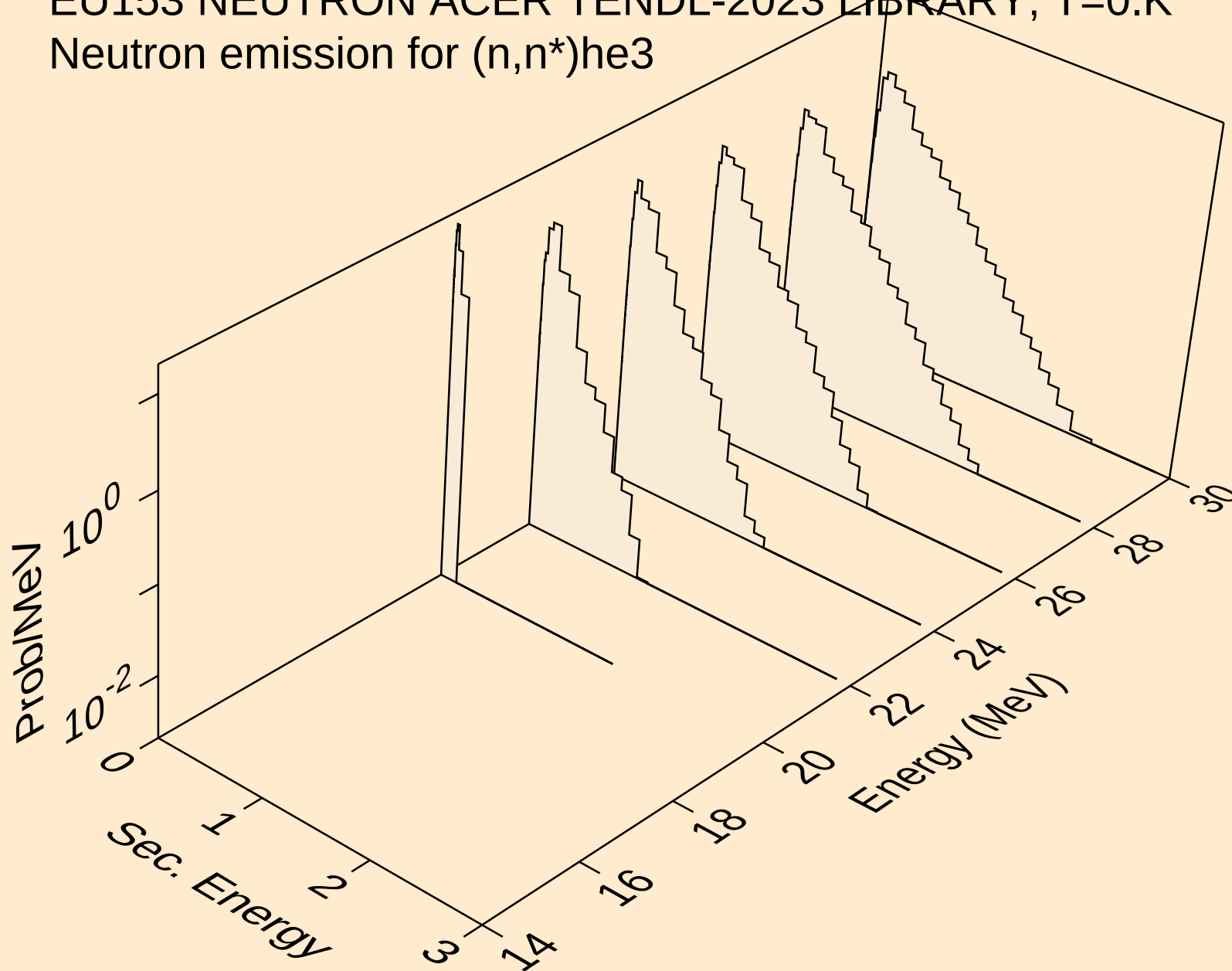


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

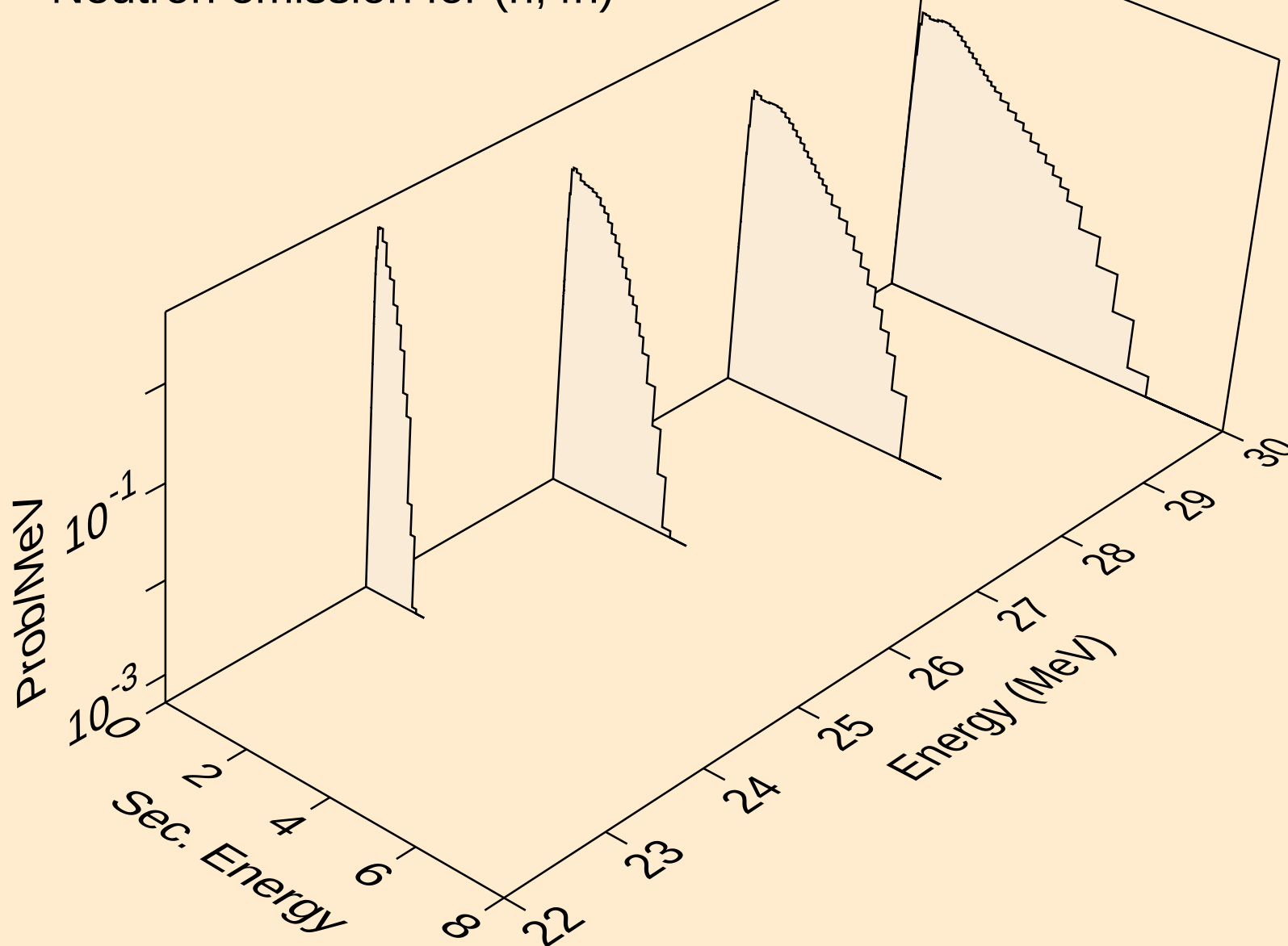
Neutron emission for (n,n*)t



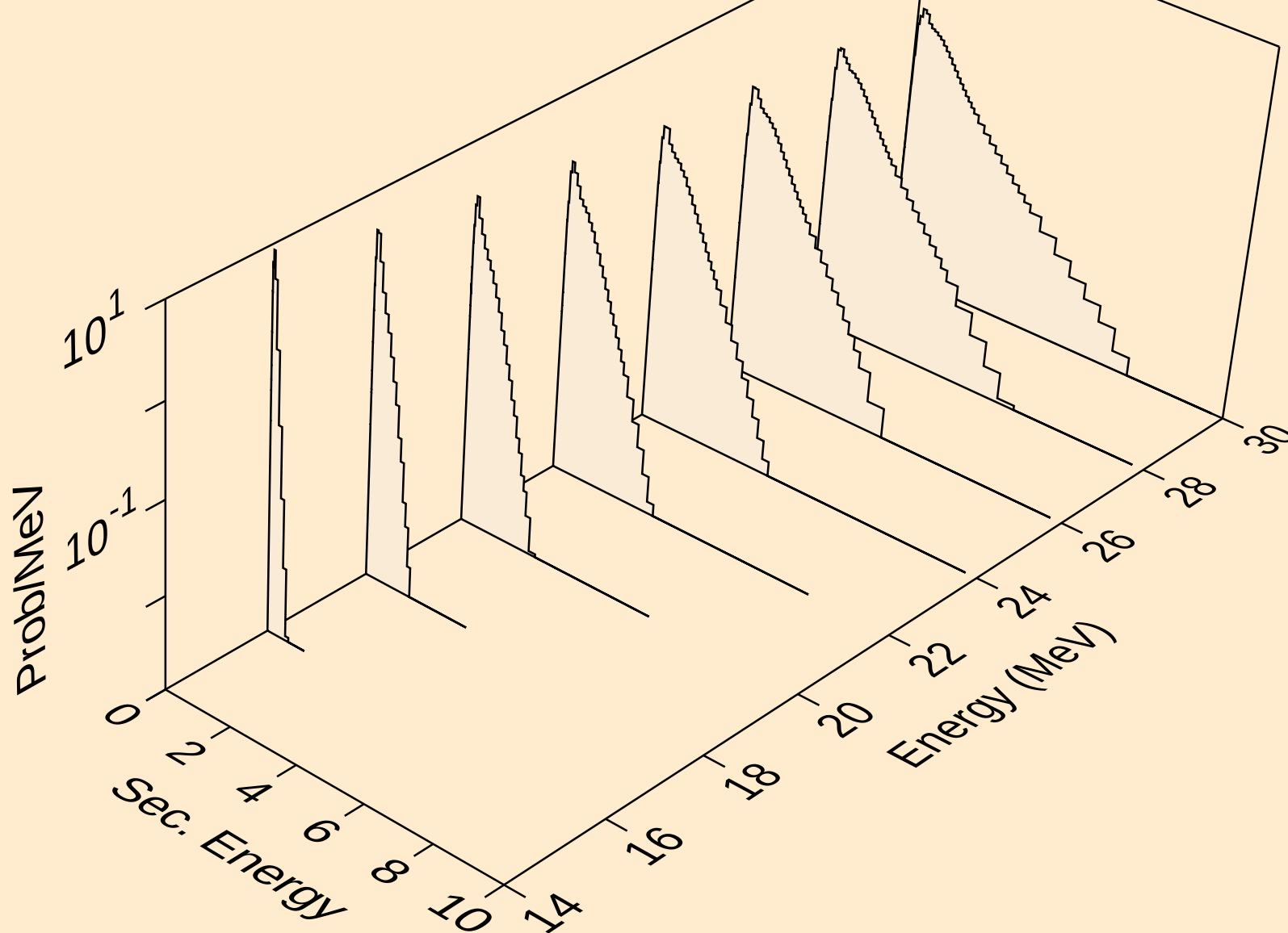
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



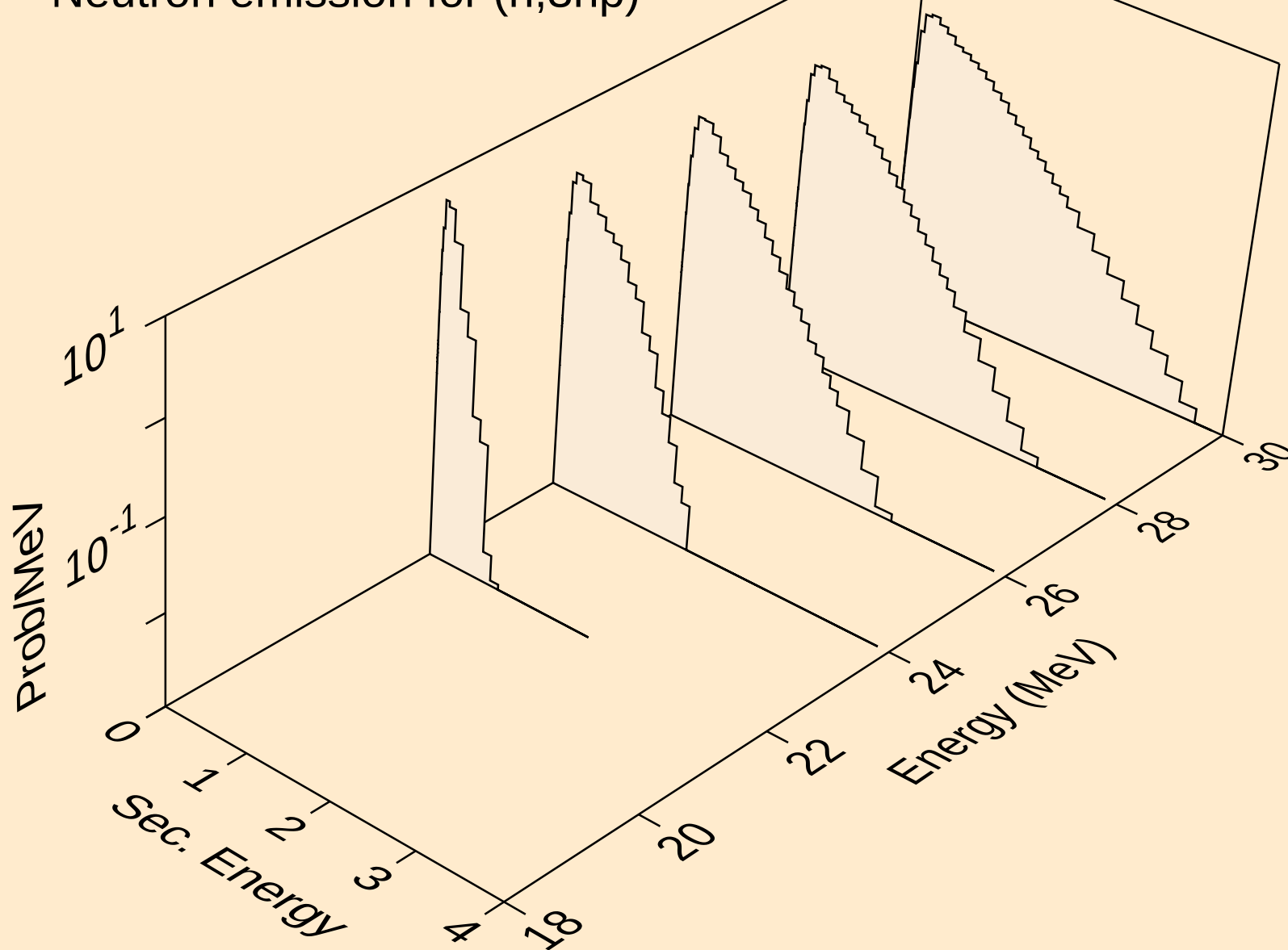
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



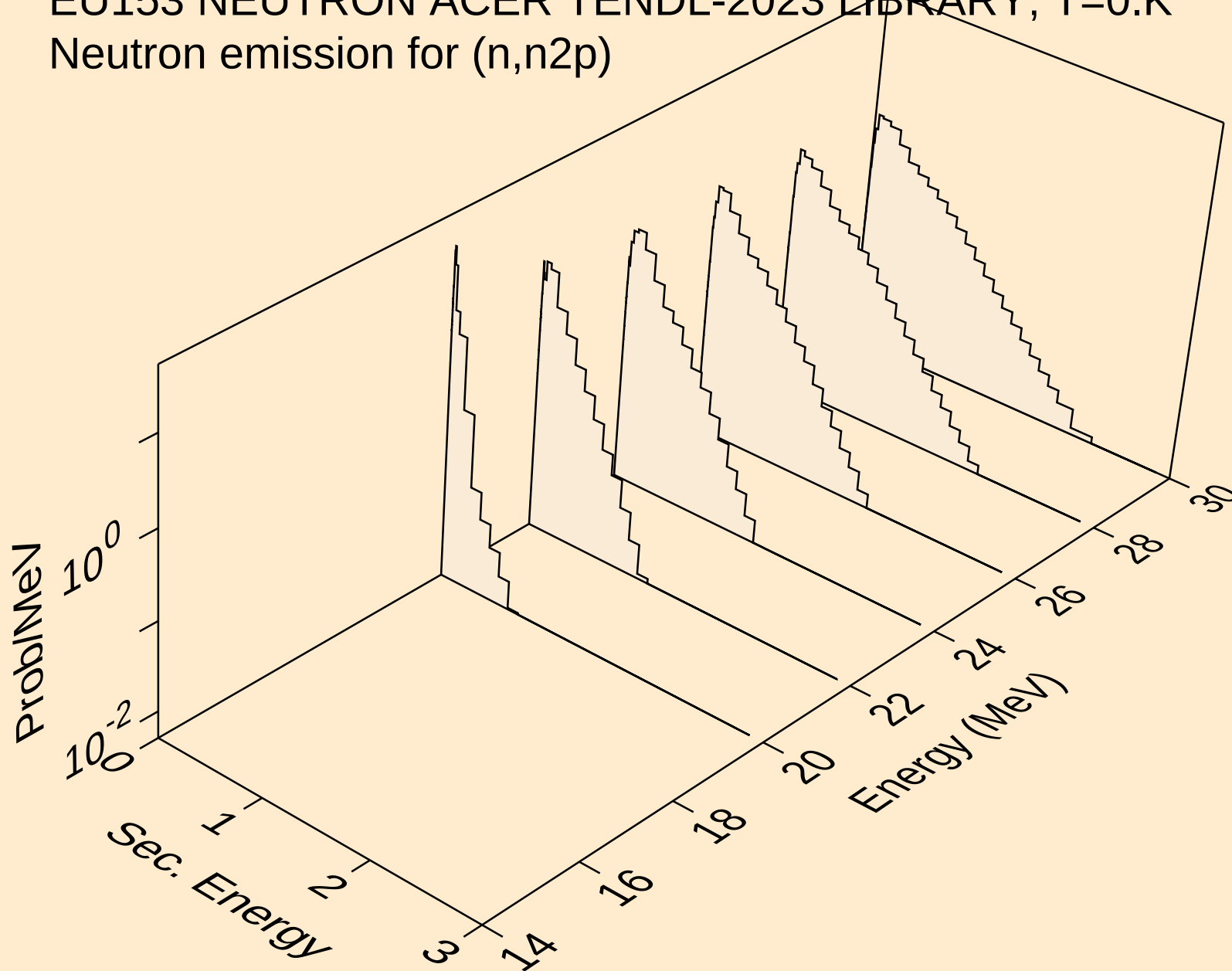
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



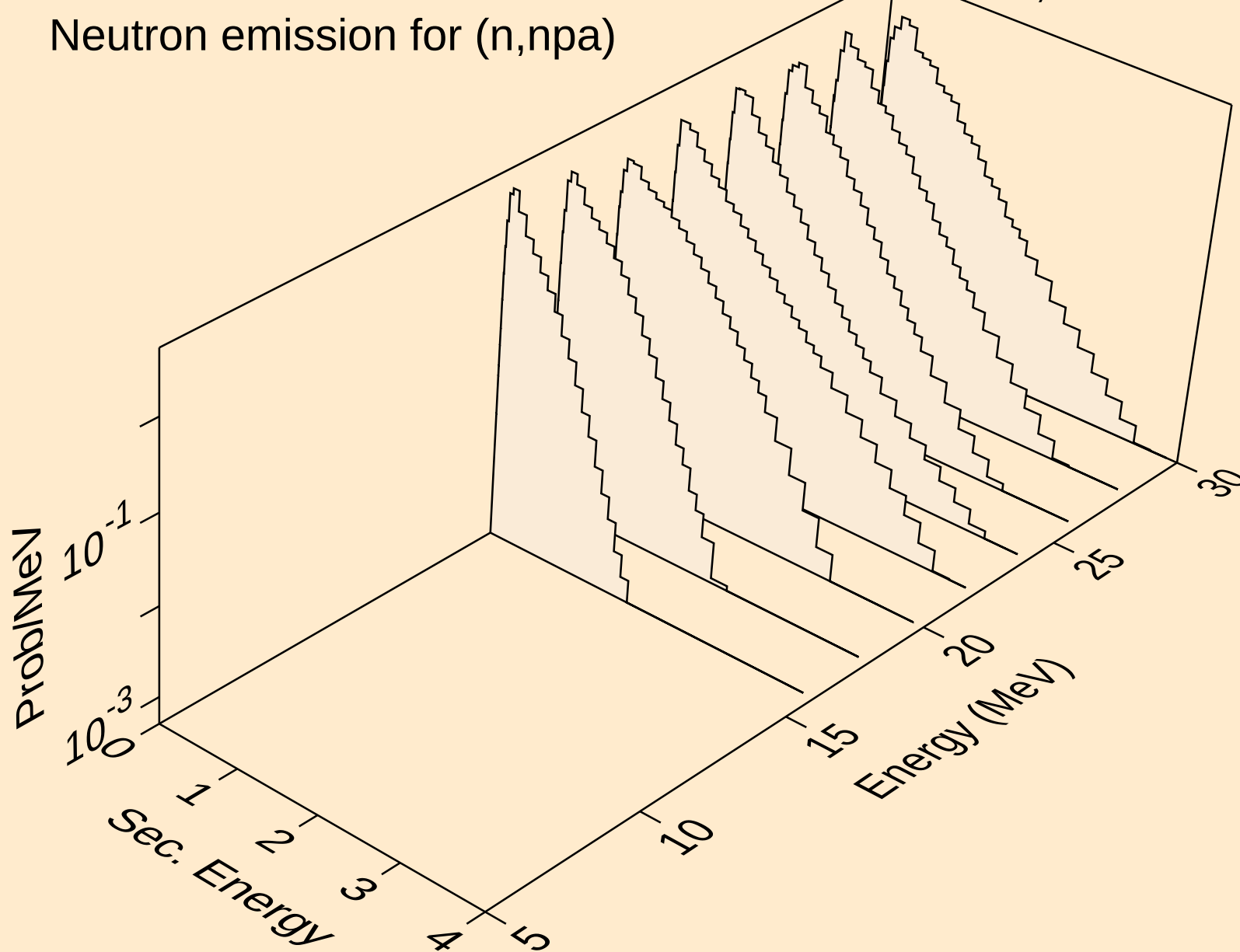
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



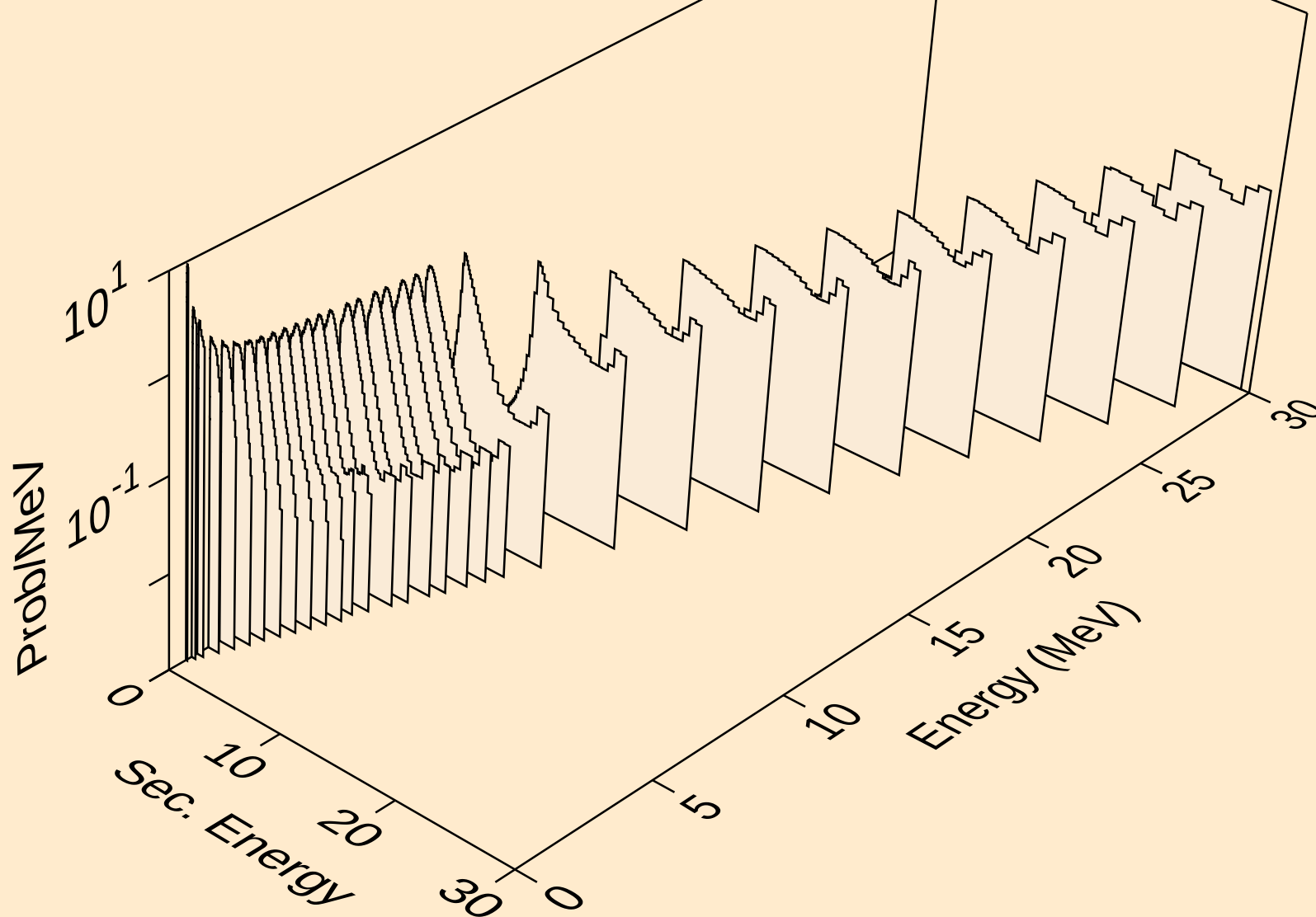
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



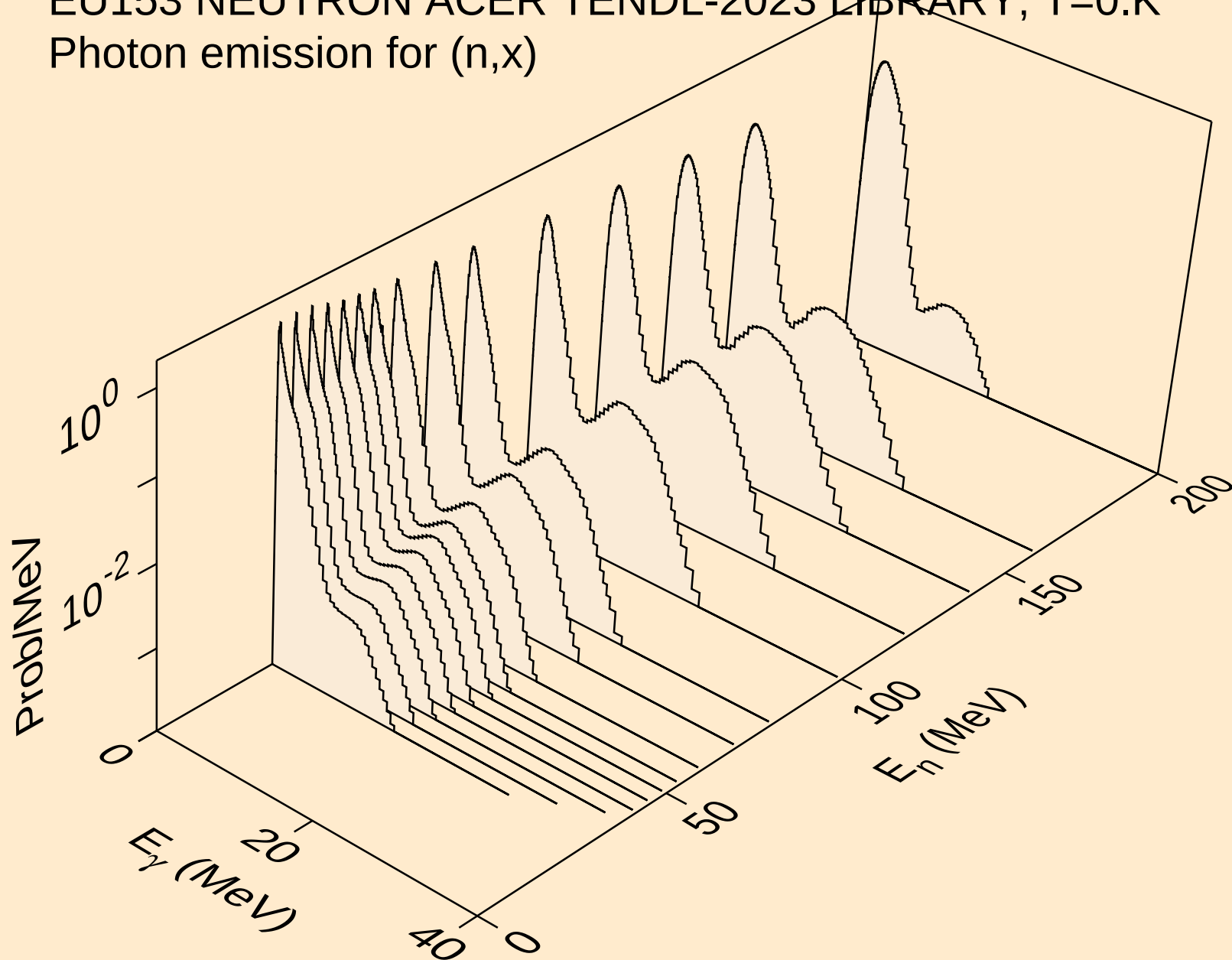
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



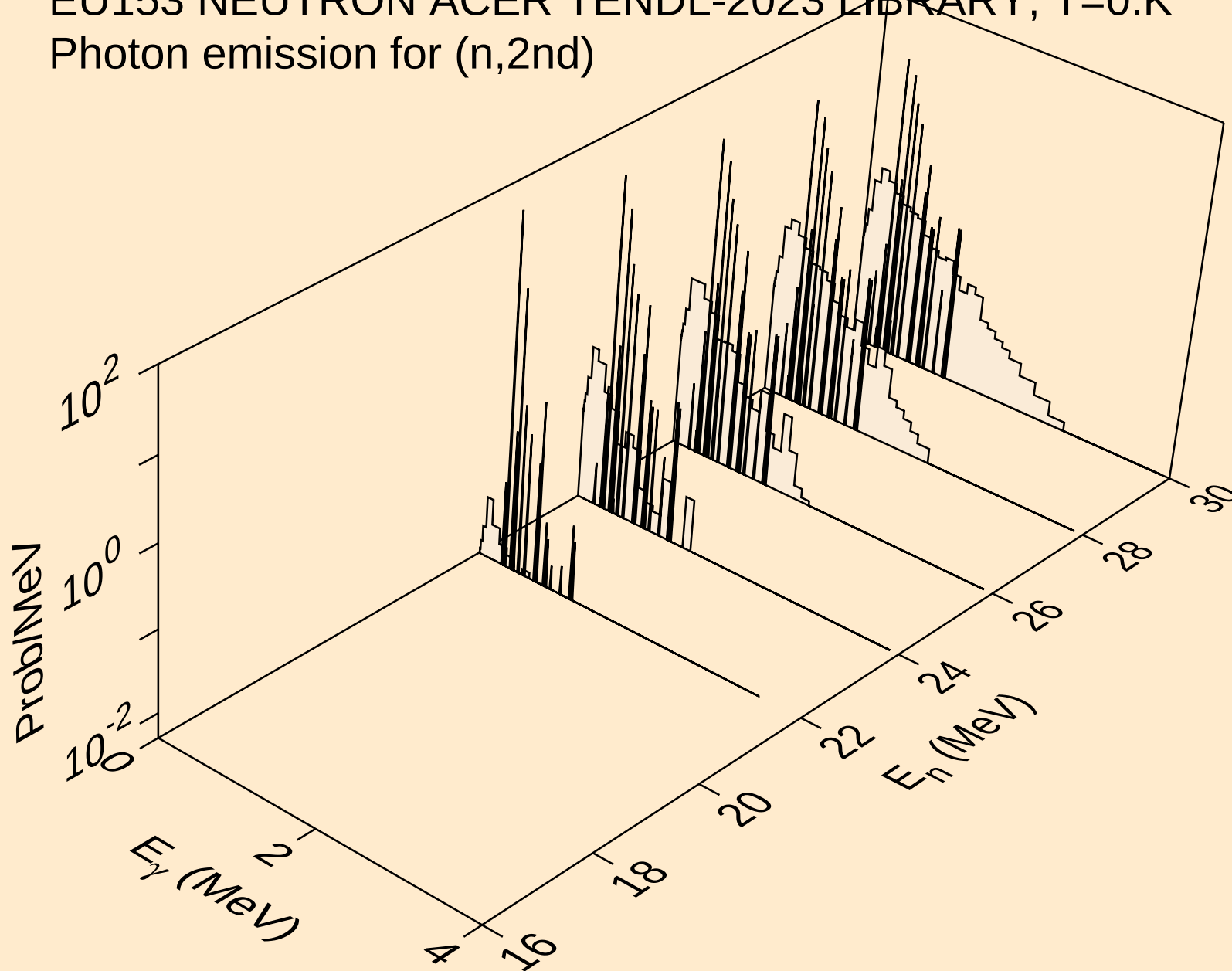
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



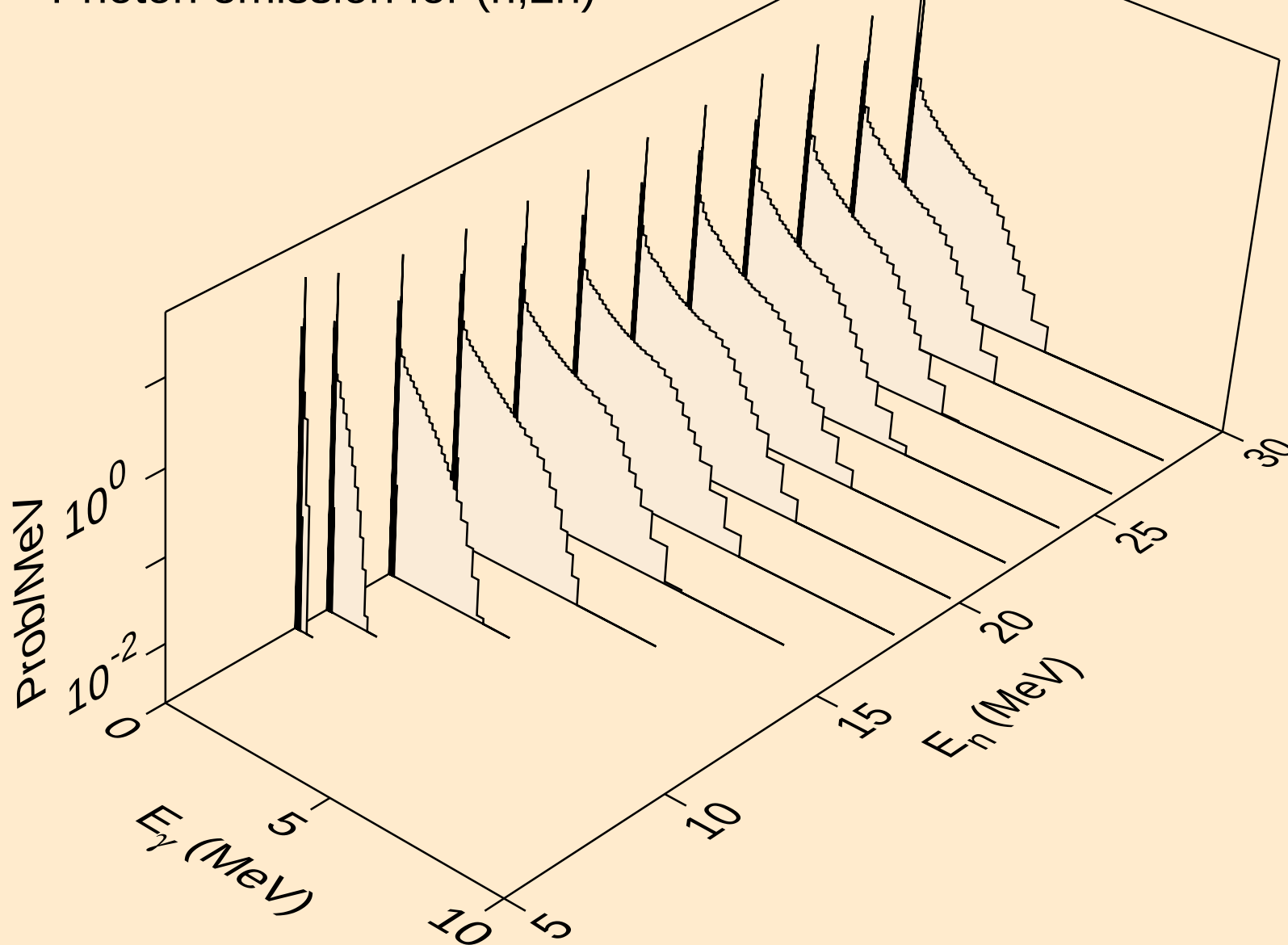
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



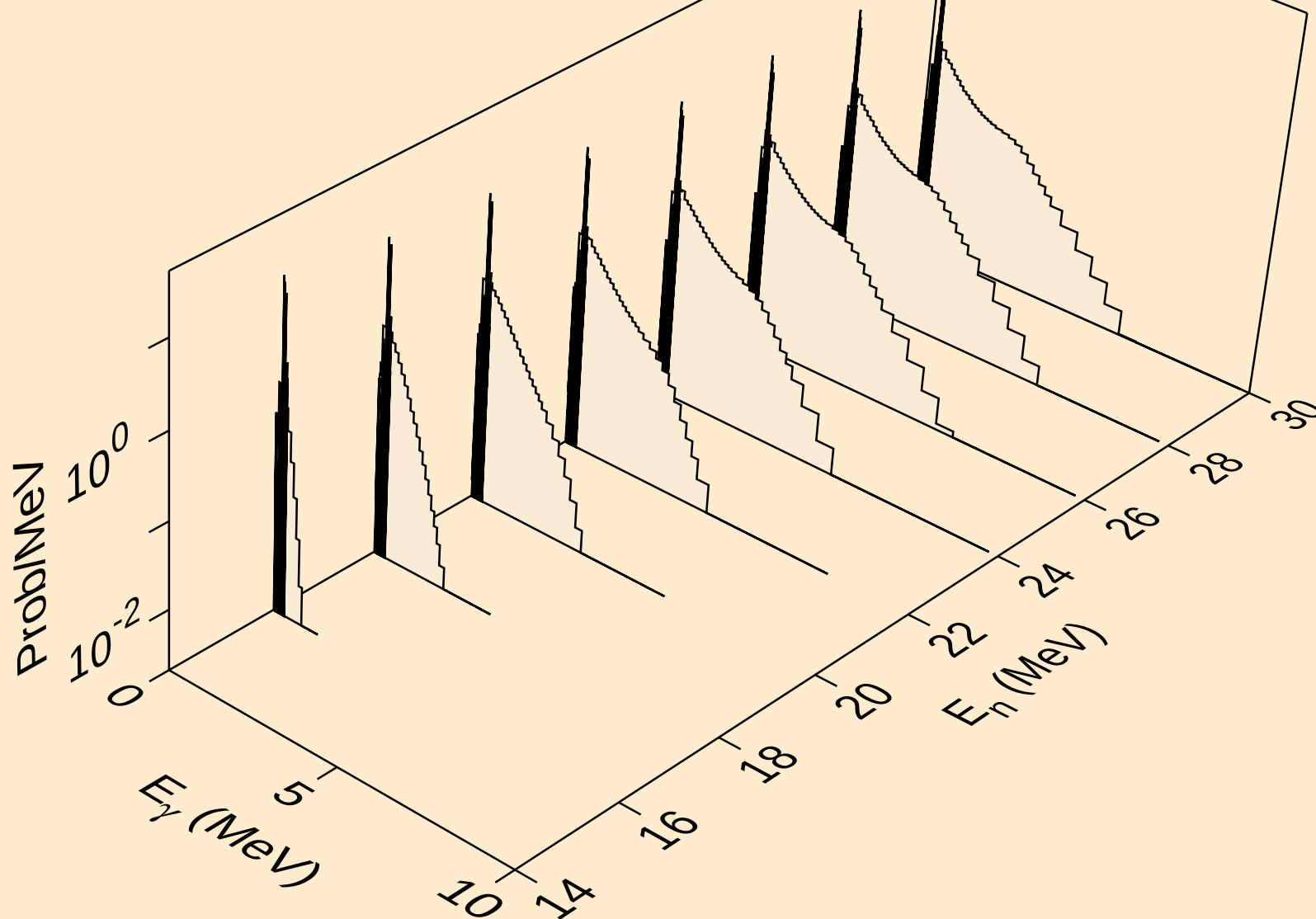
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

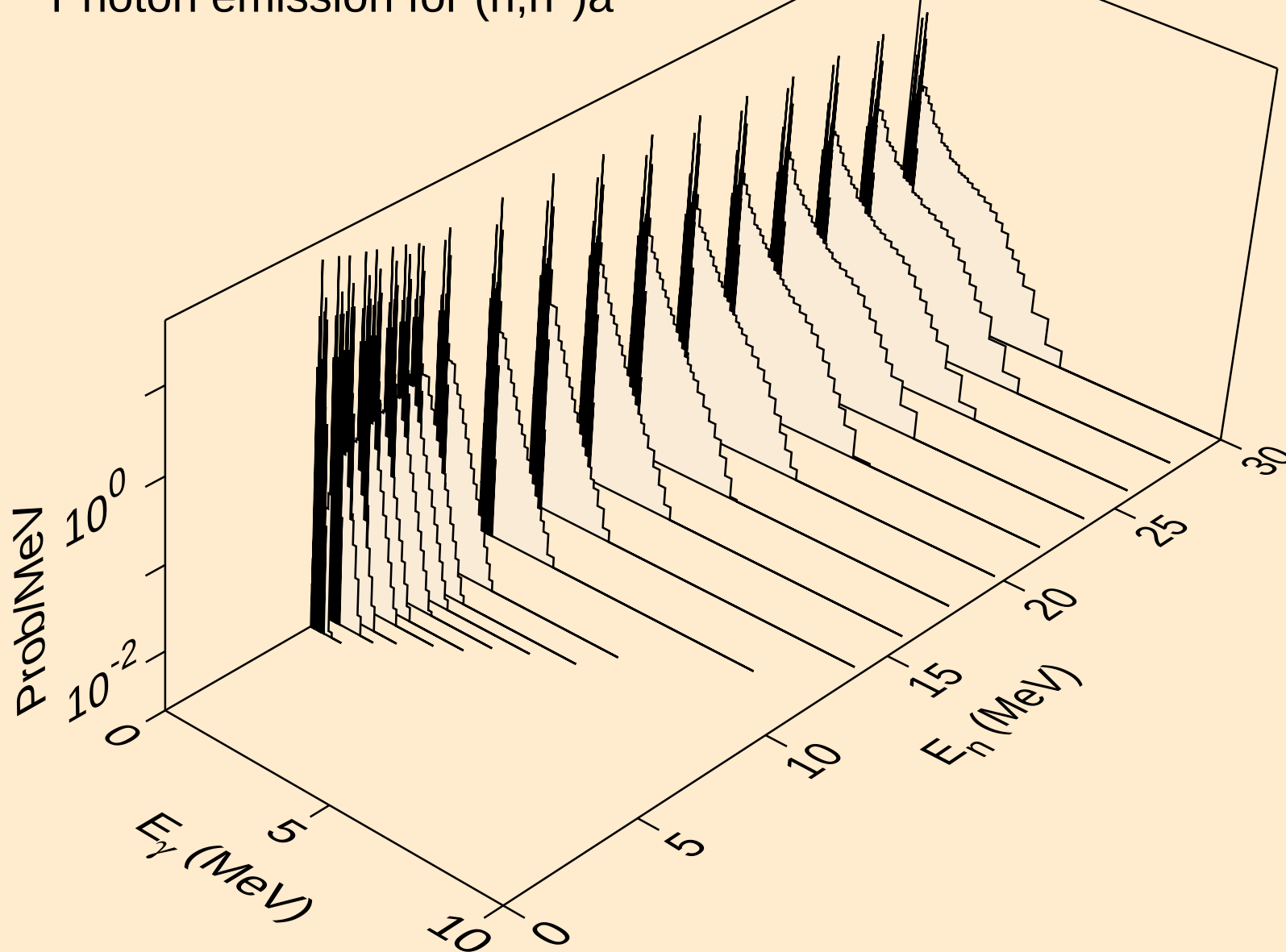


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



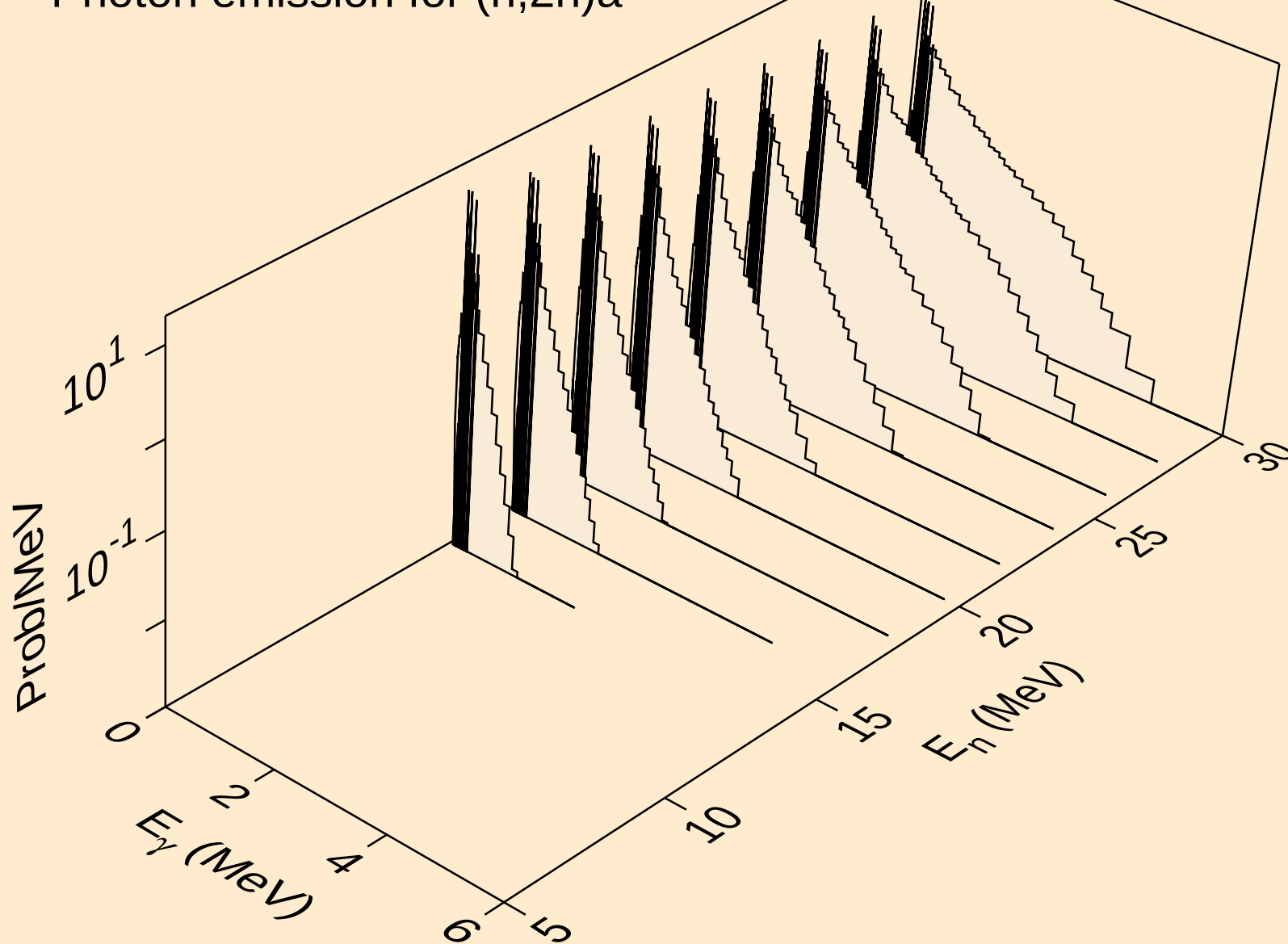
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



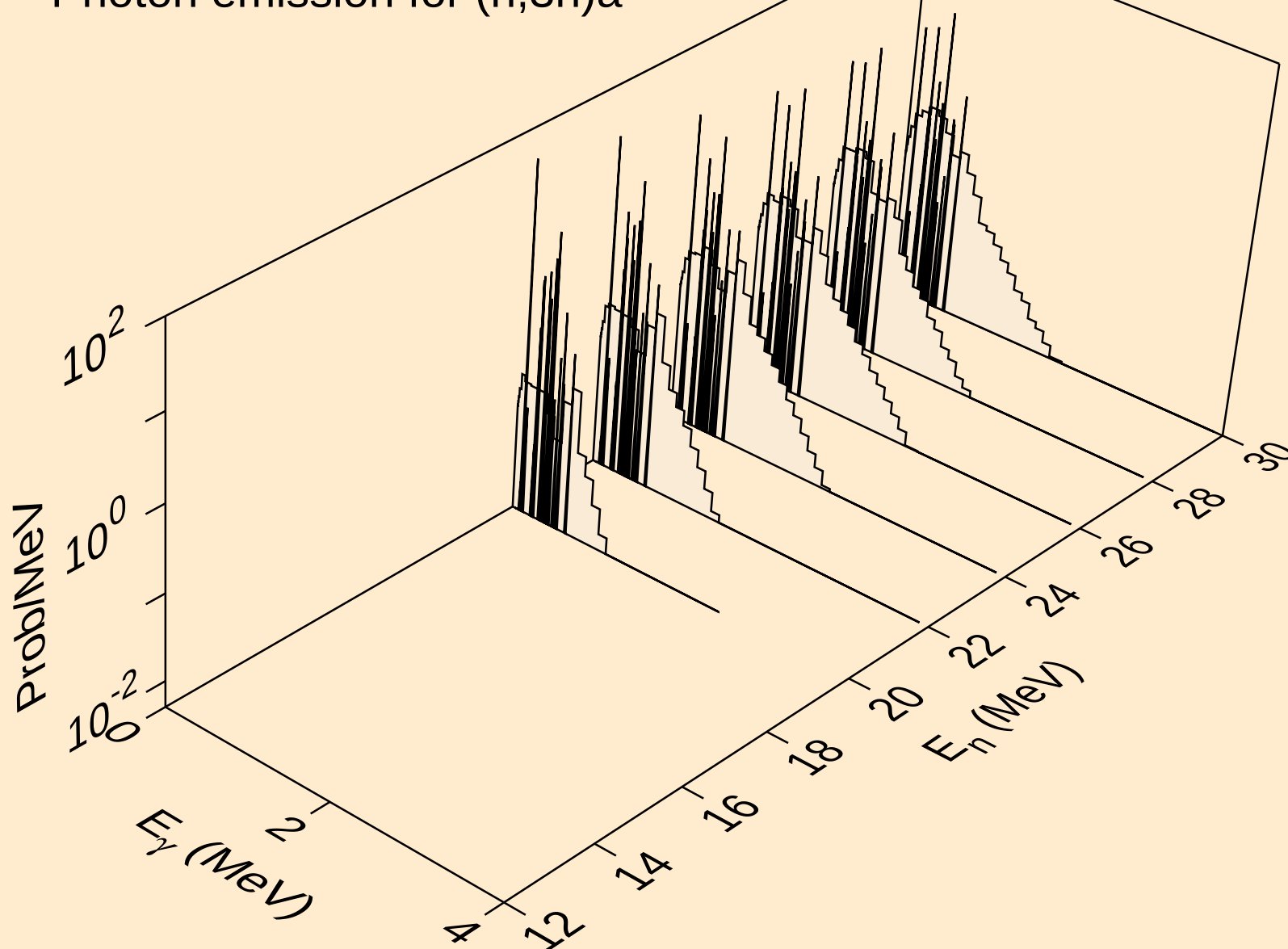
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α

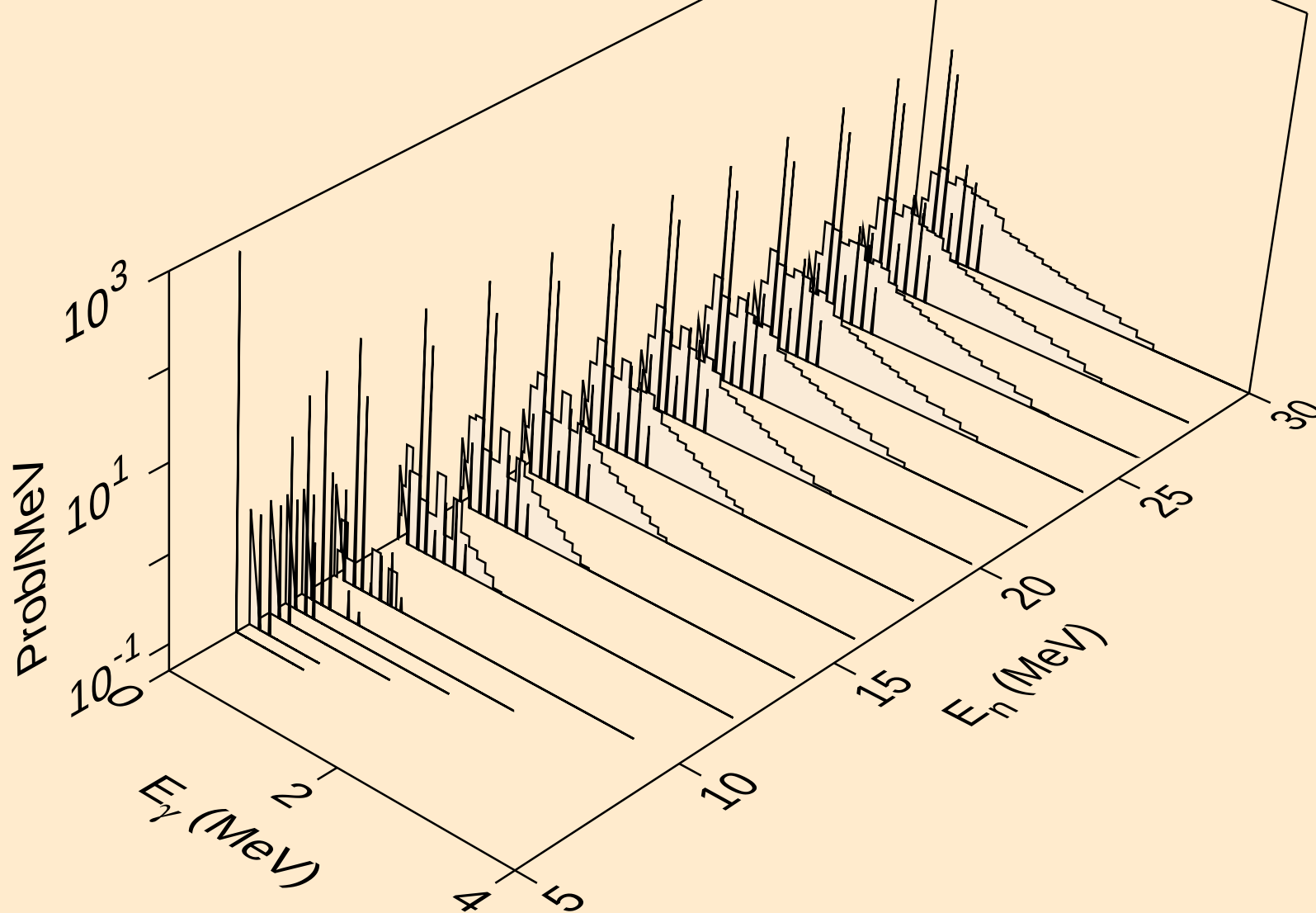


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

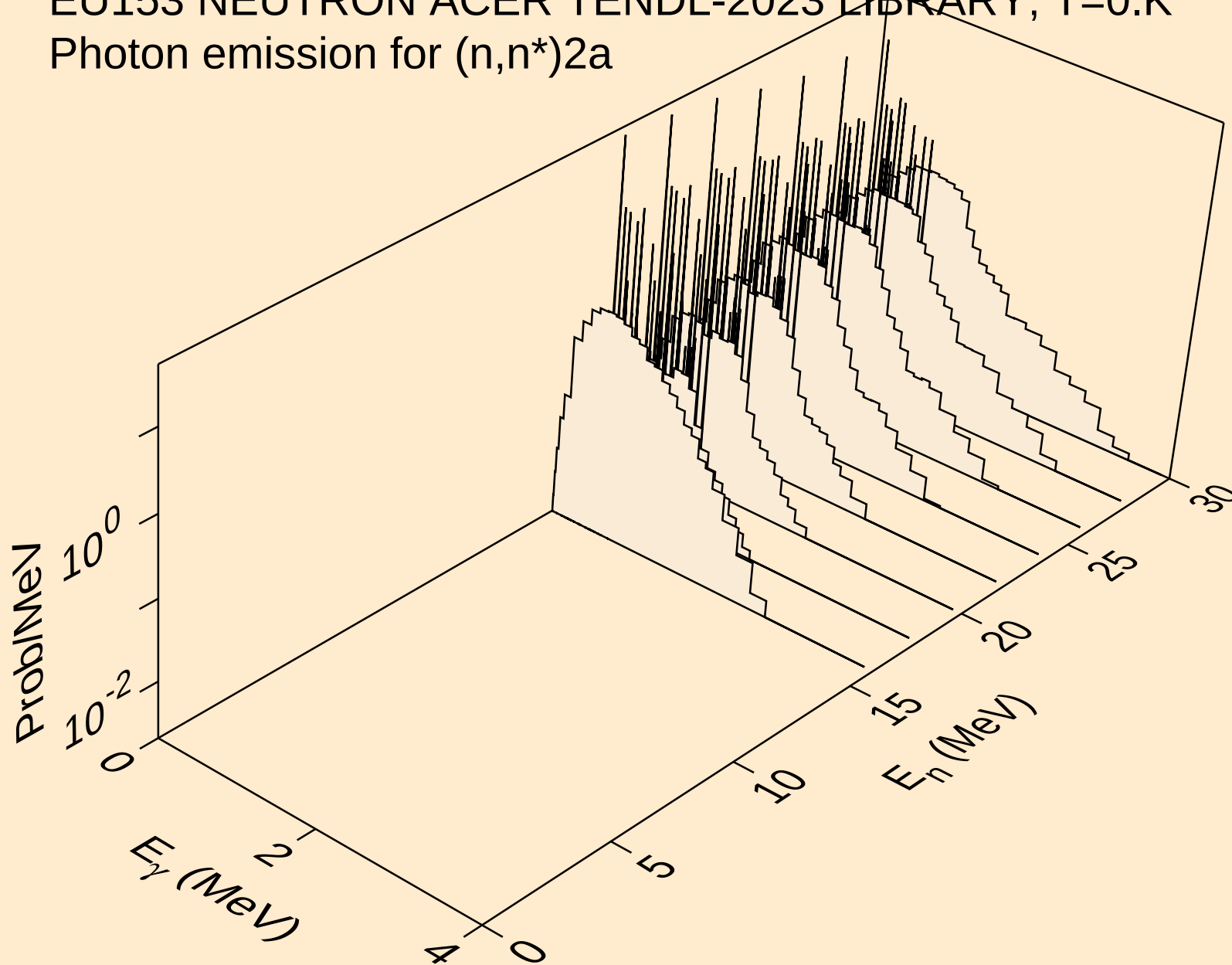
Photon emission for (n,3n) α



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

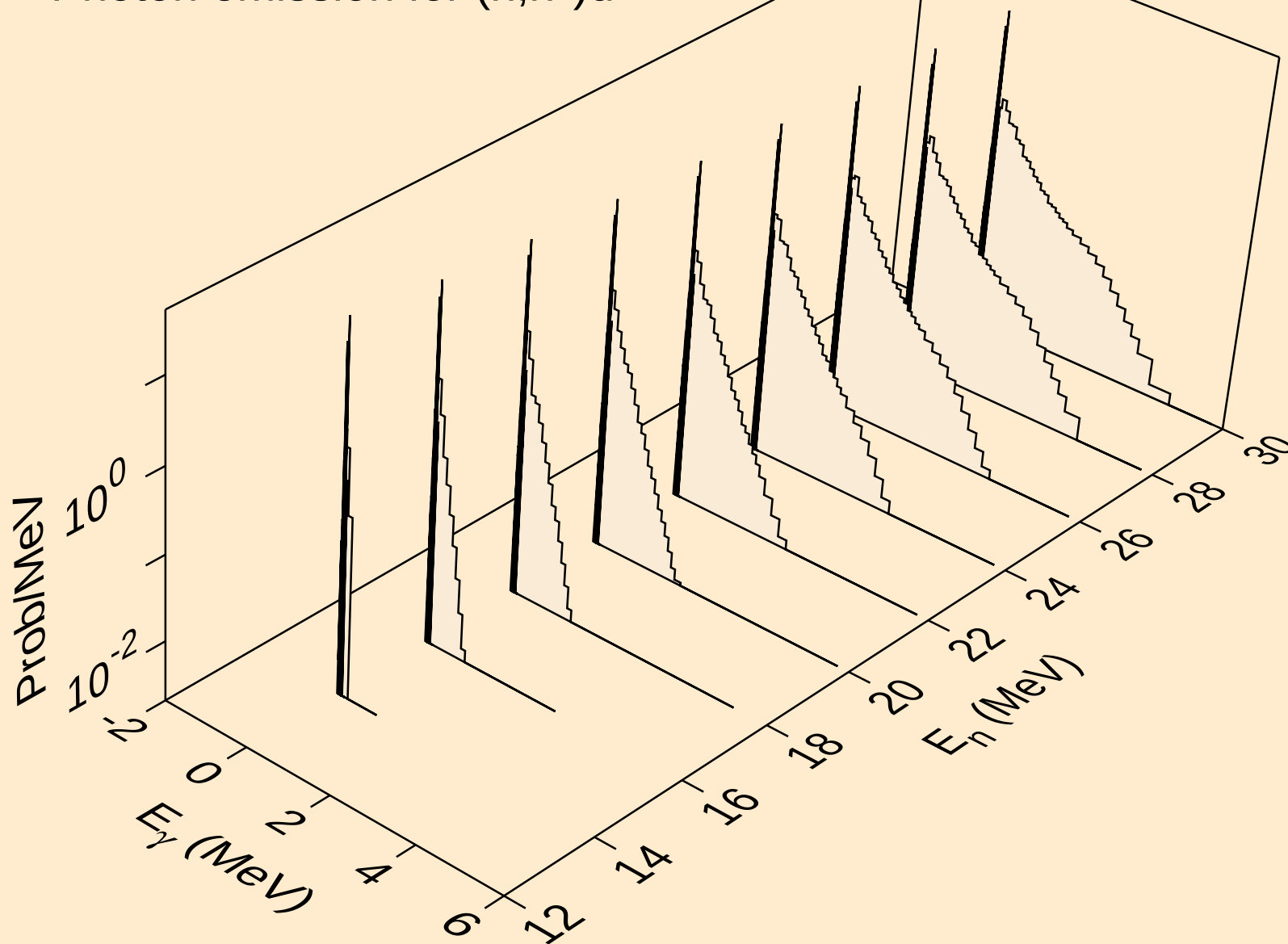


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



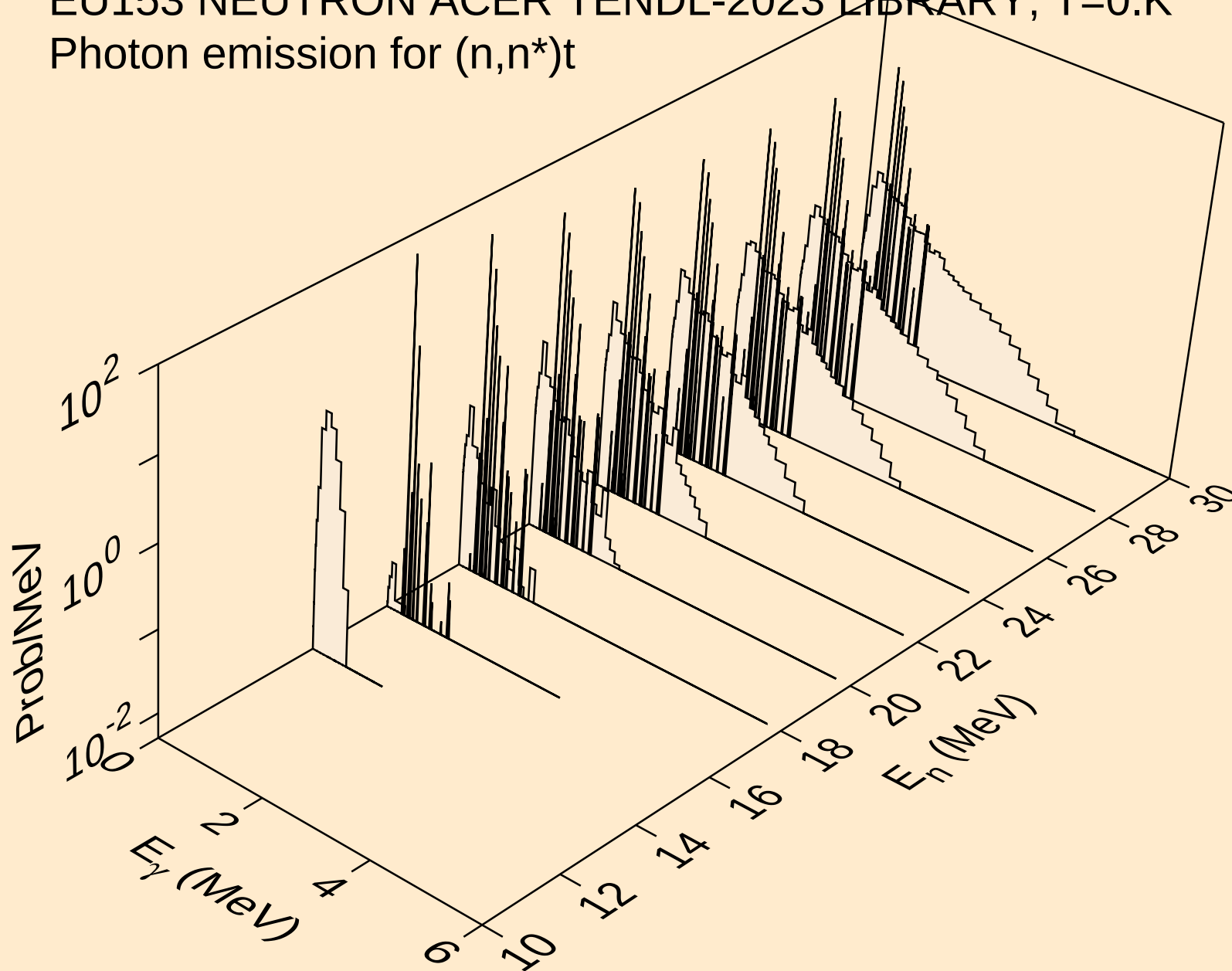
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

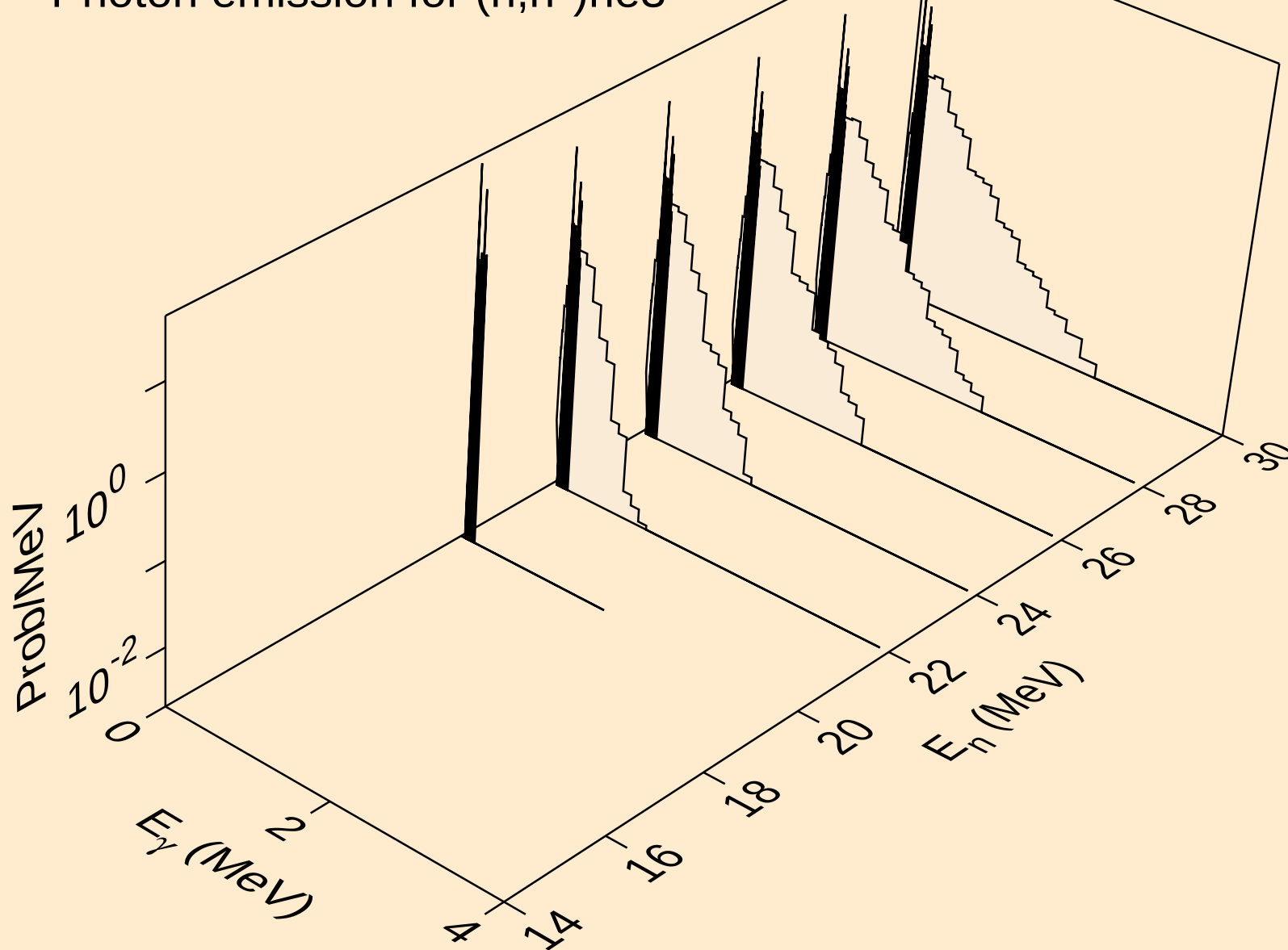


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

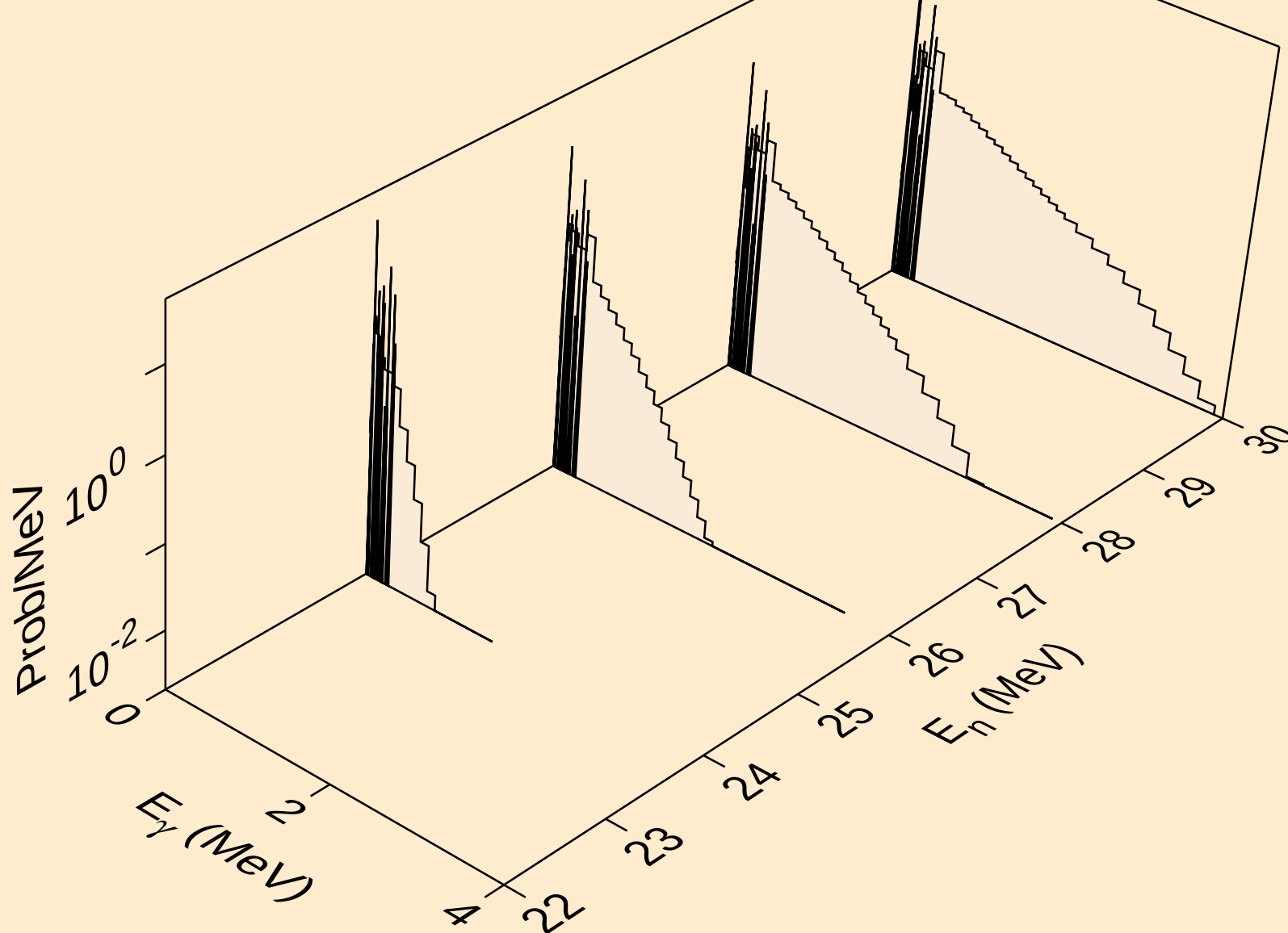
Photon emission for (n,n*)t



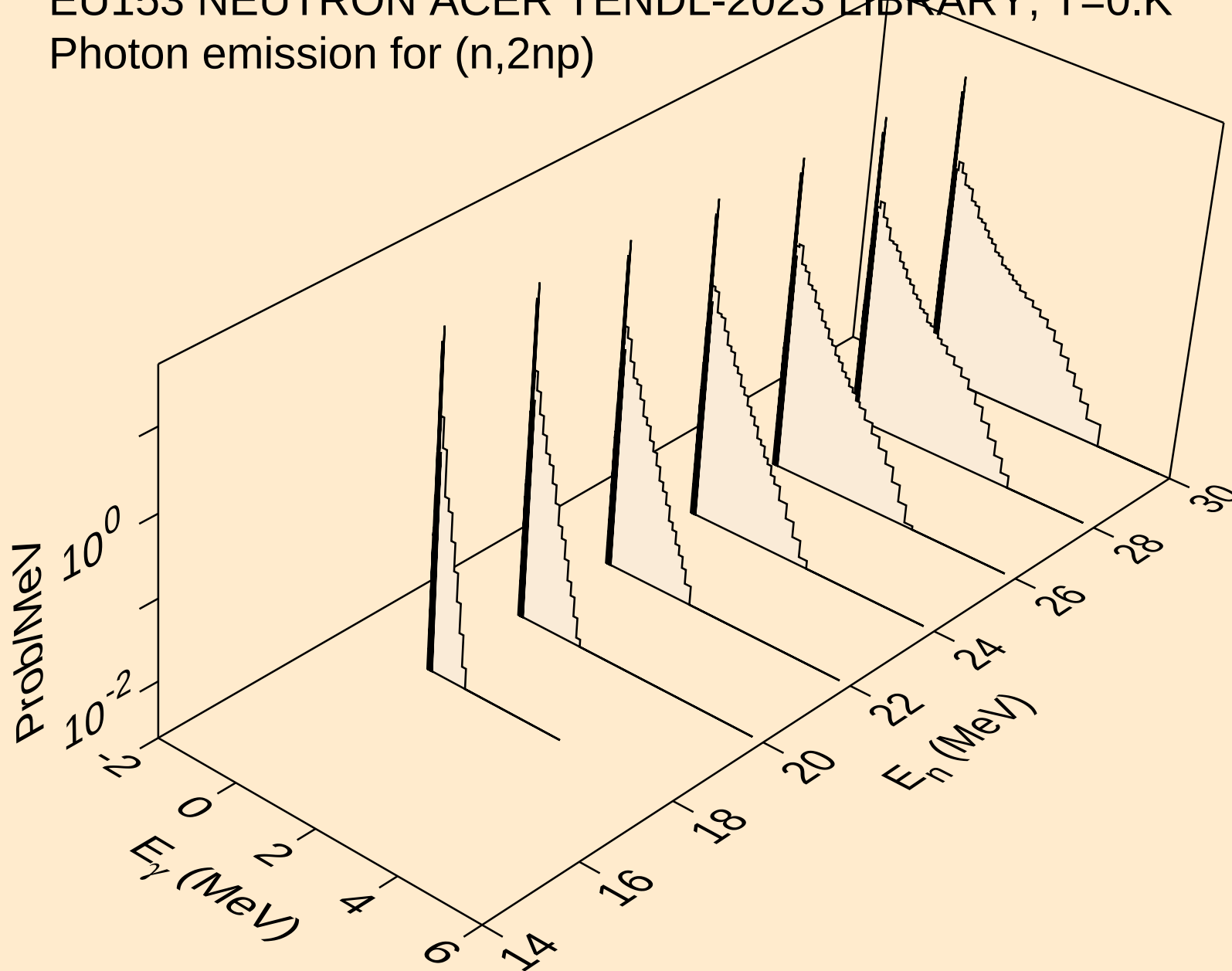
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



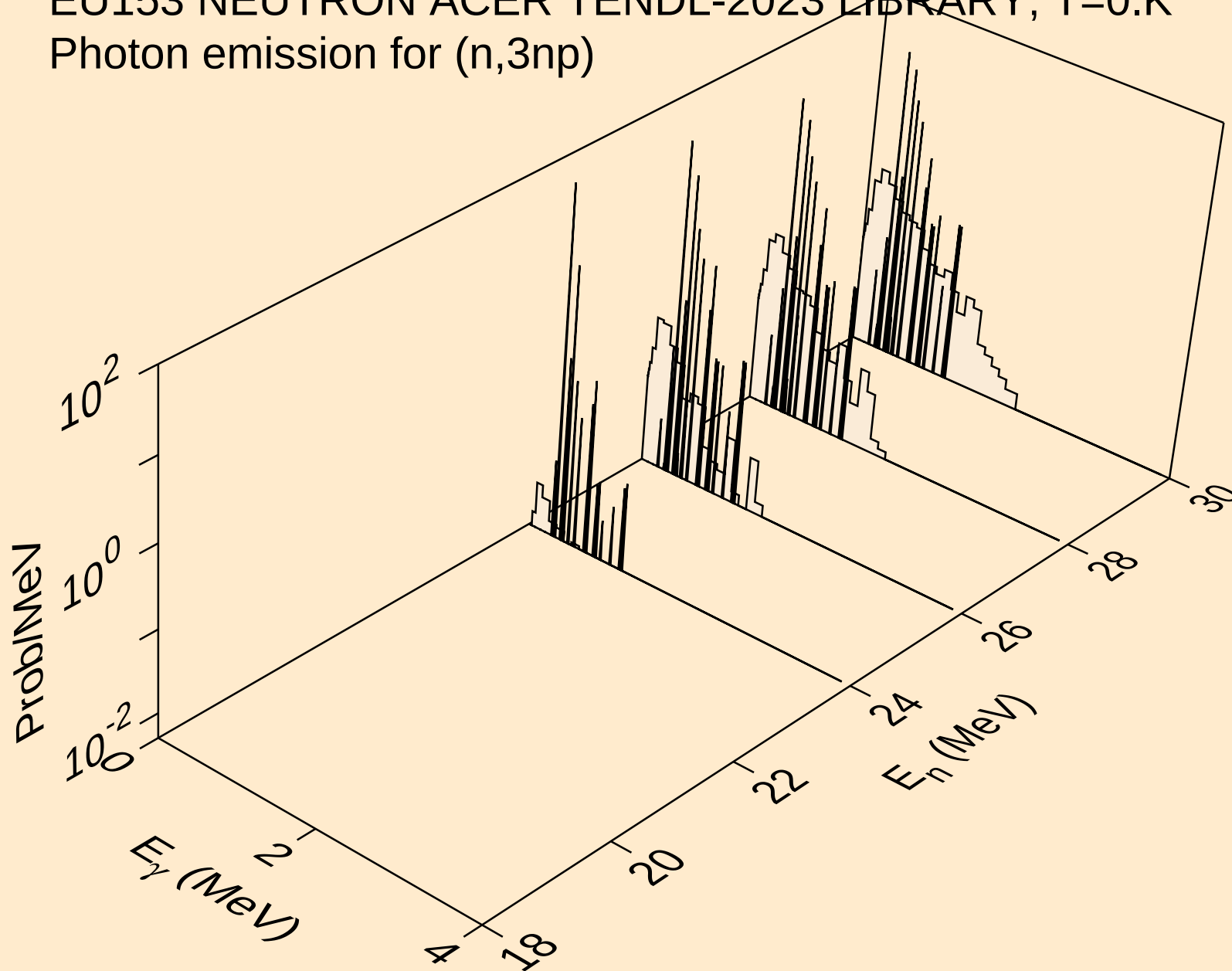
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



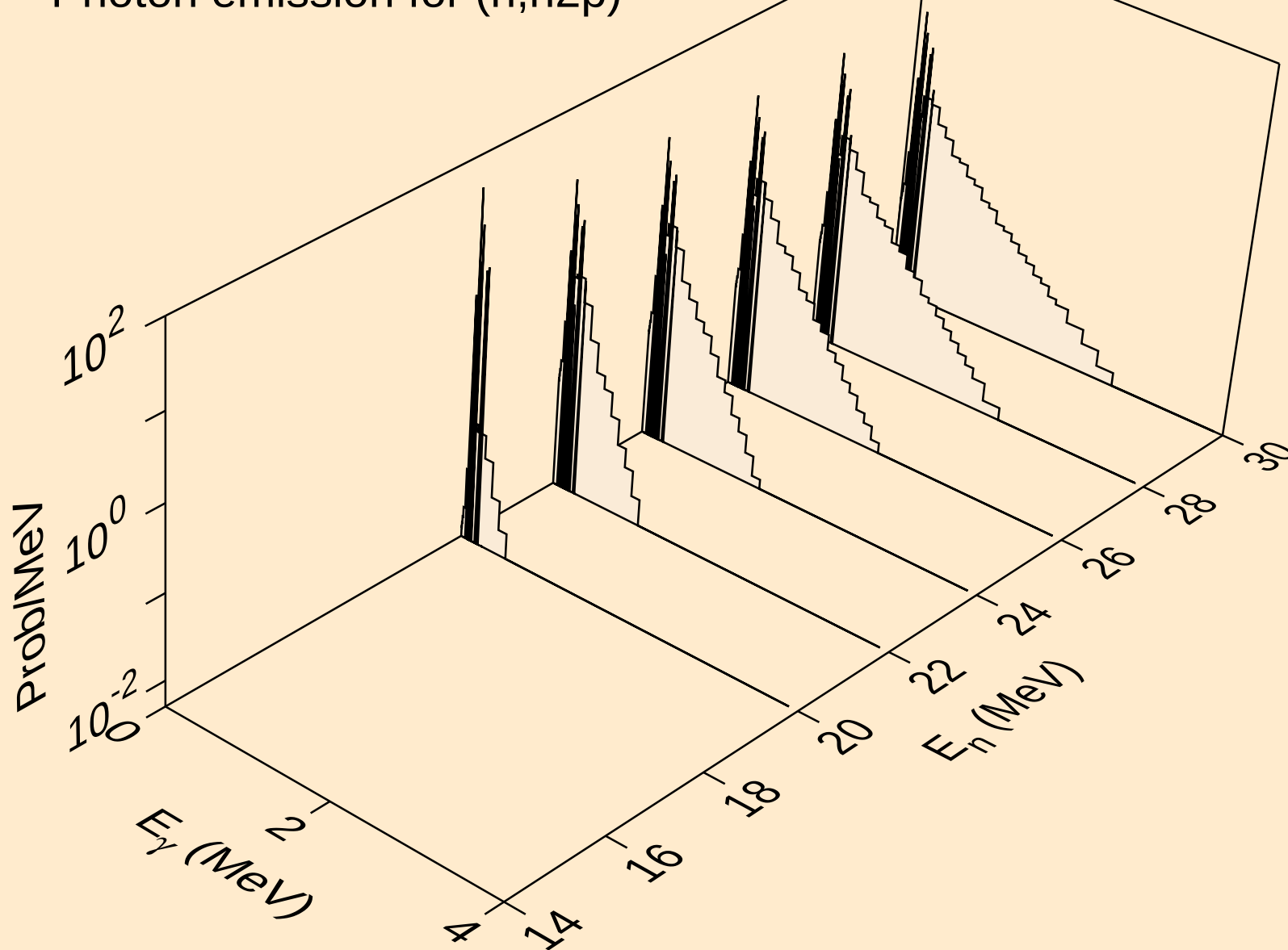
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



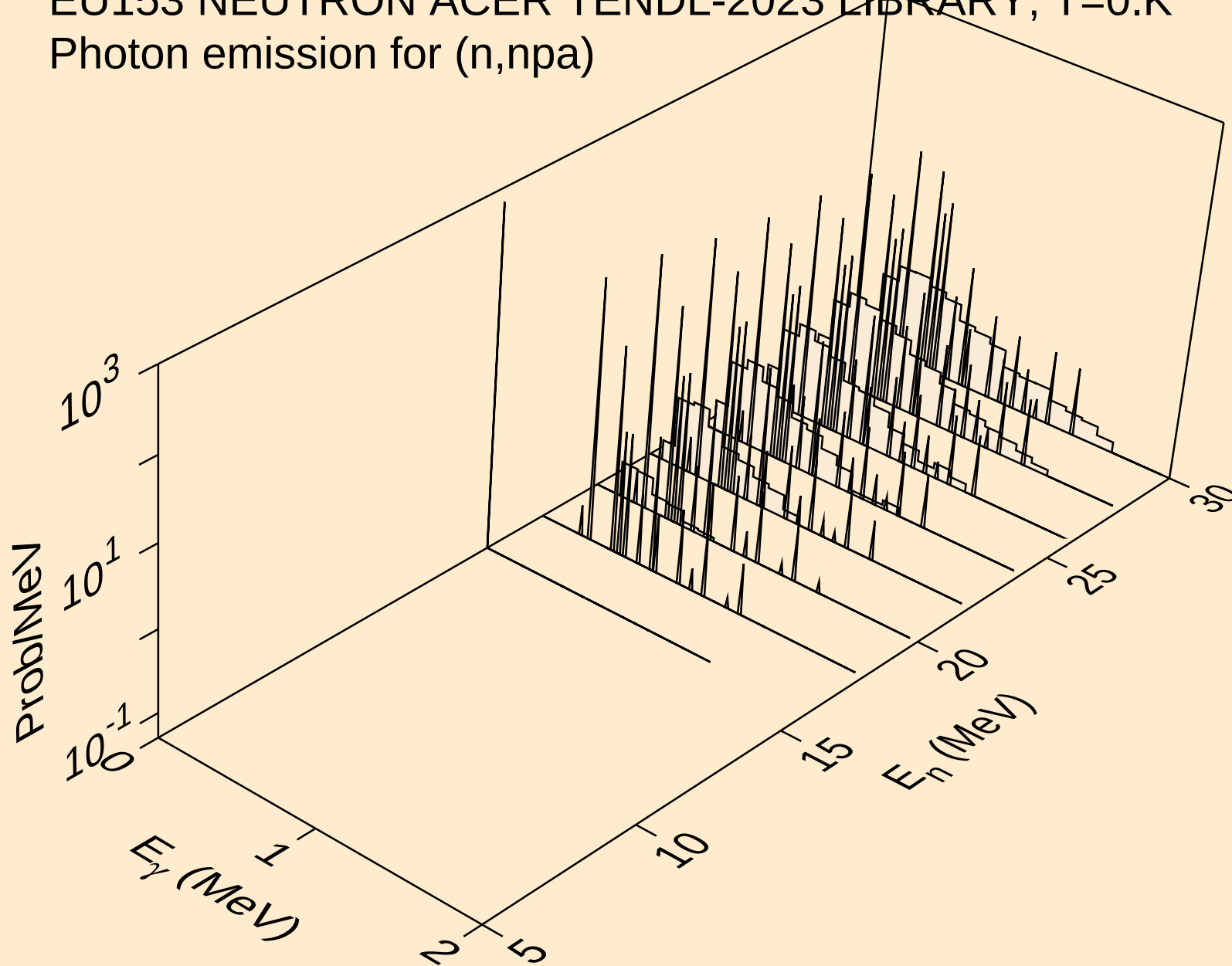
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



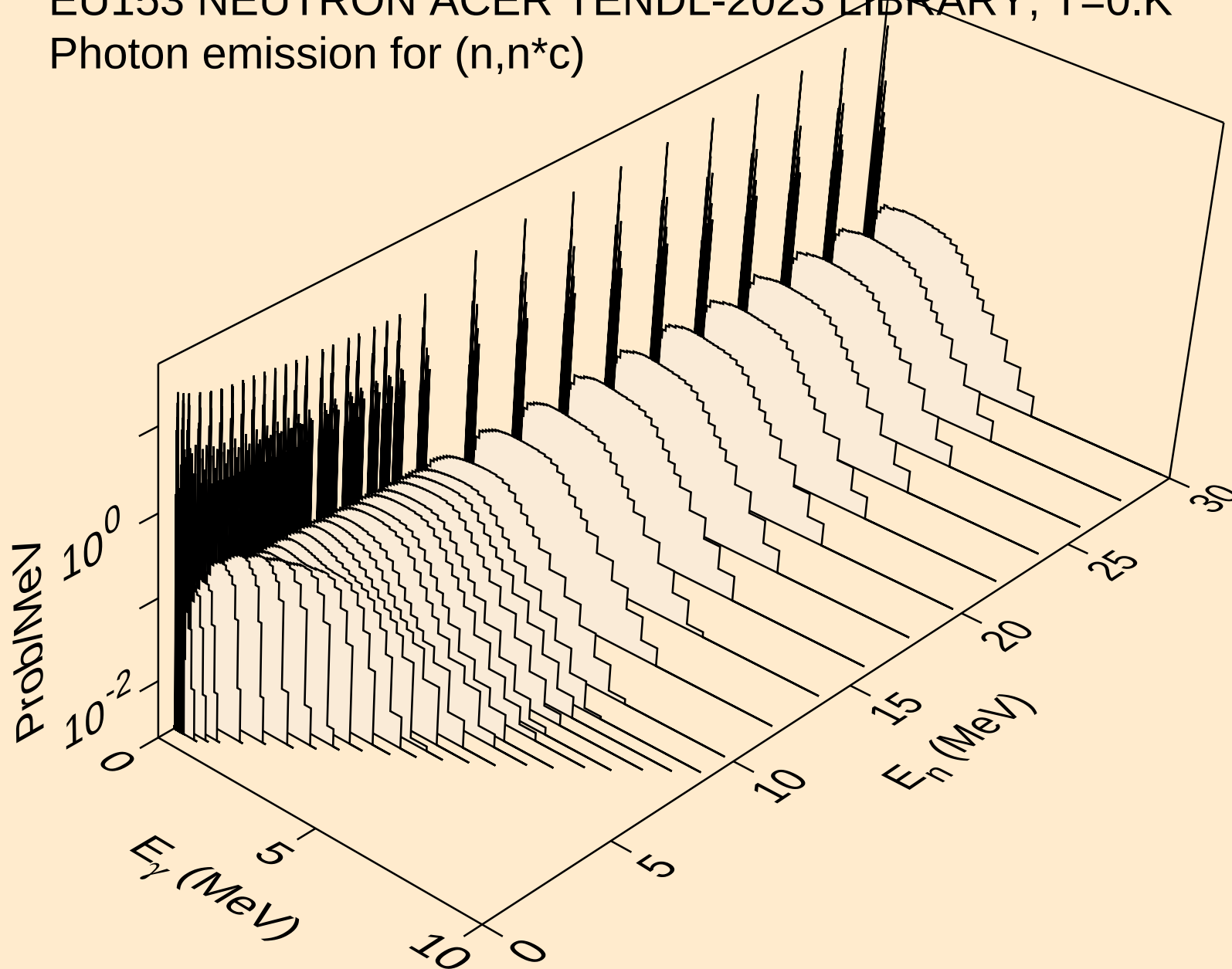
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



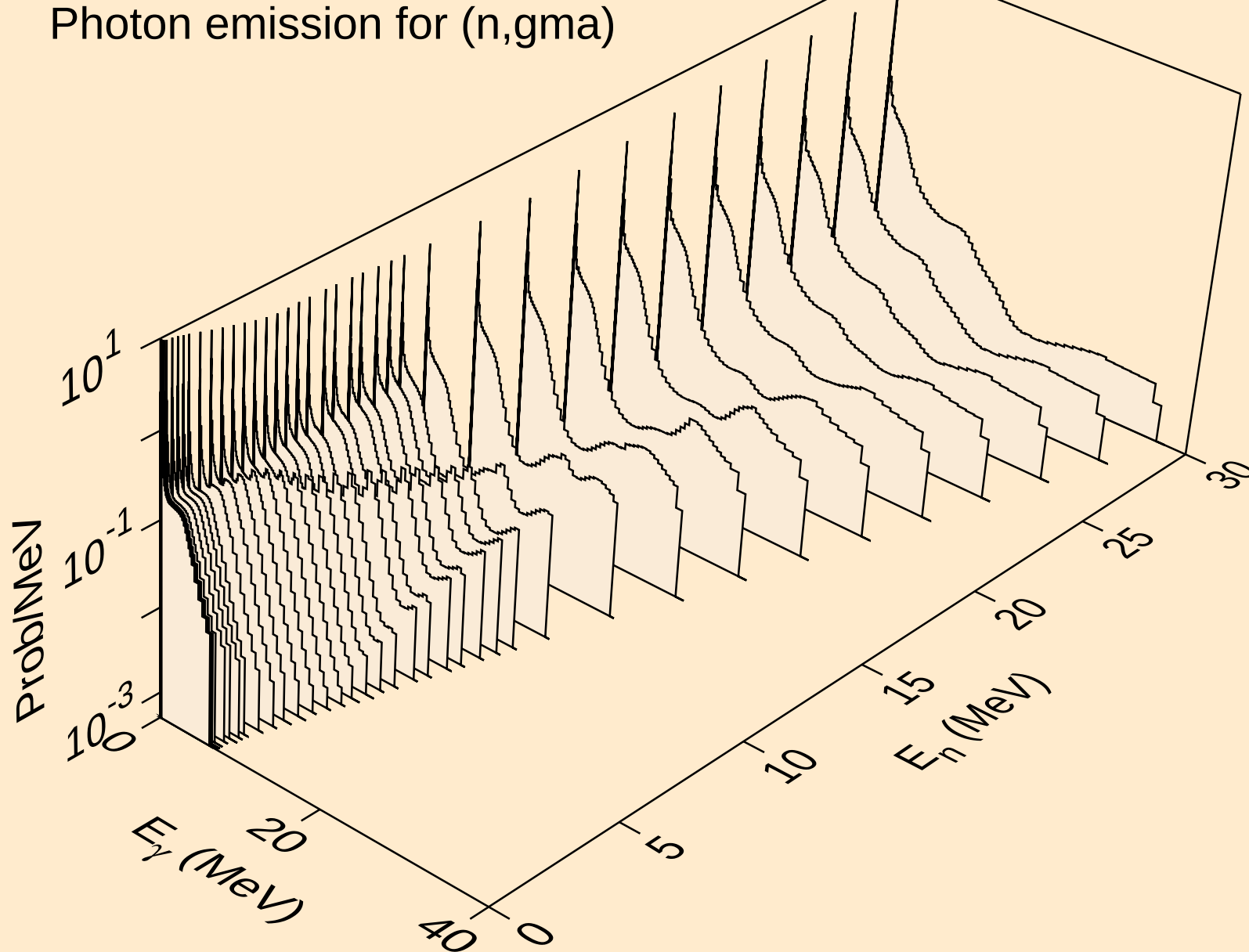
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



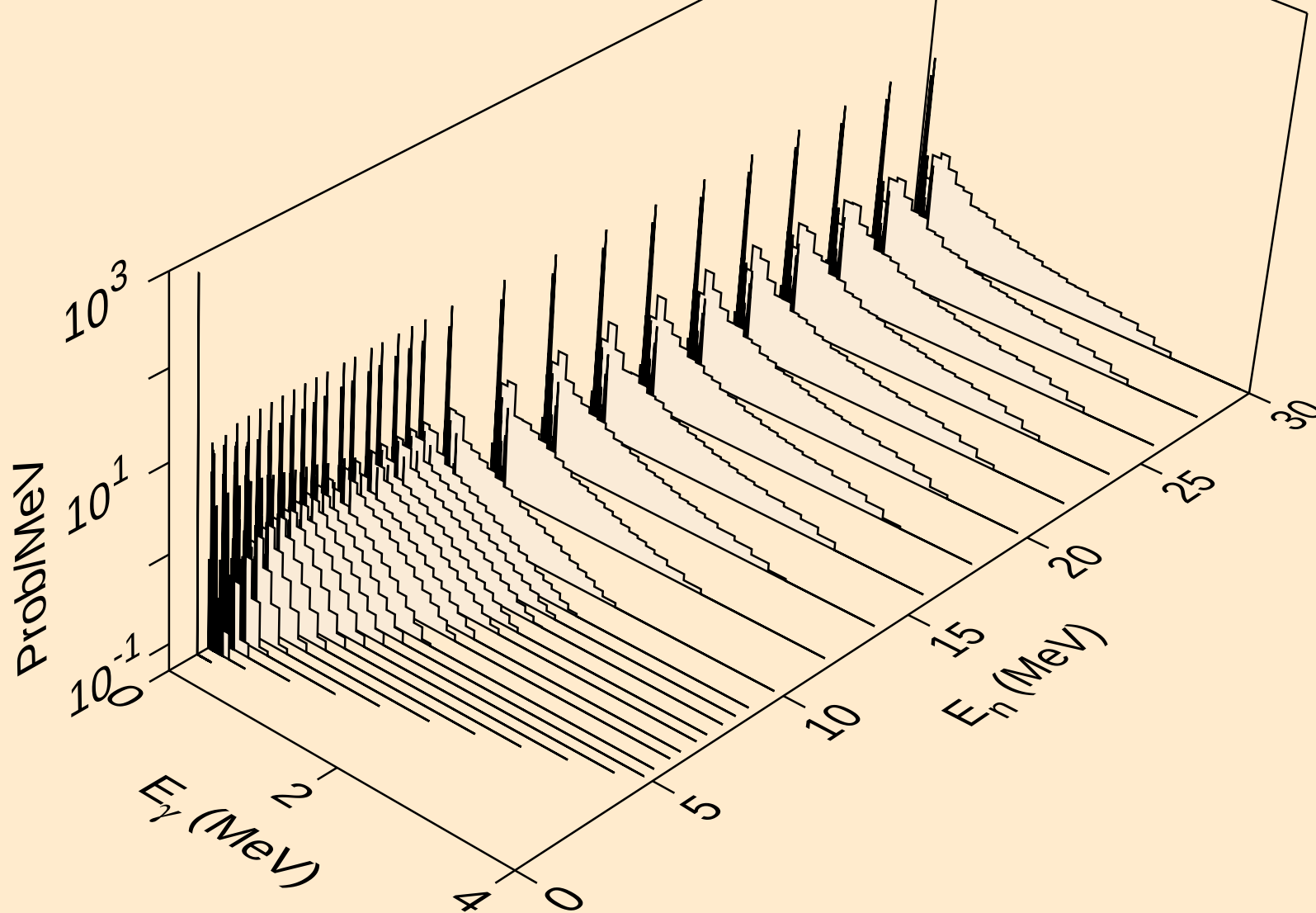
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



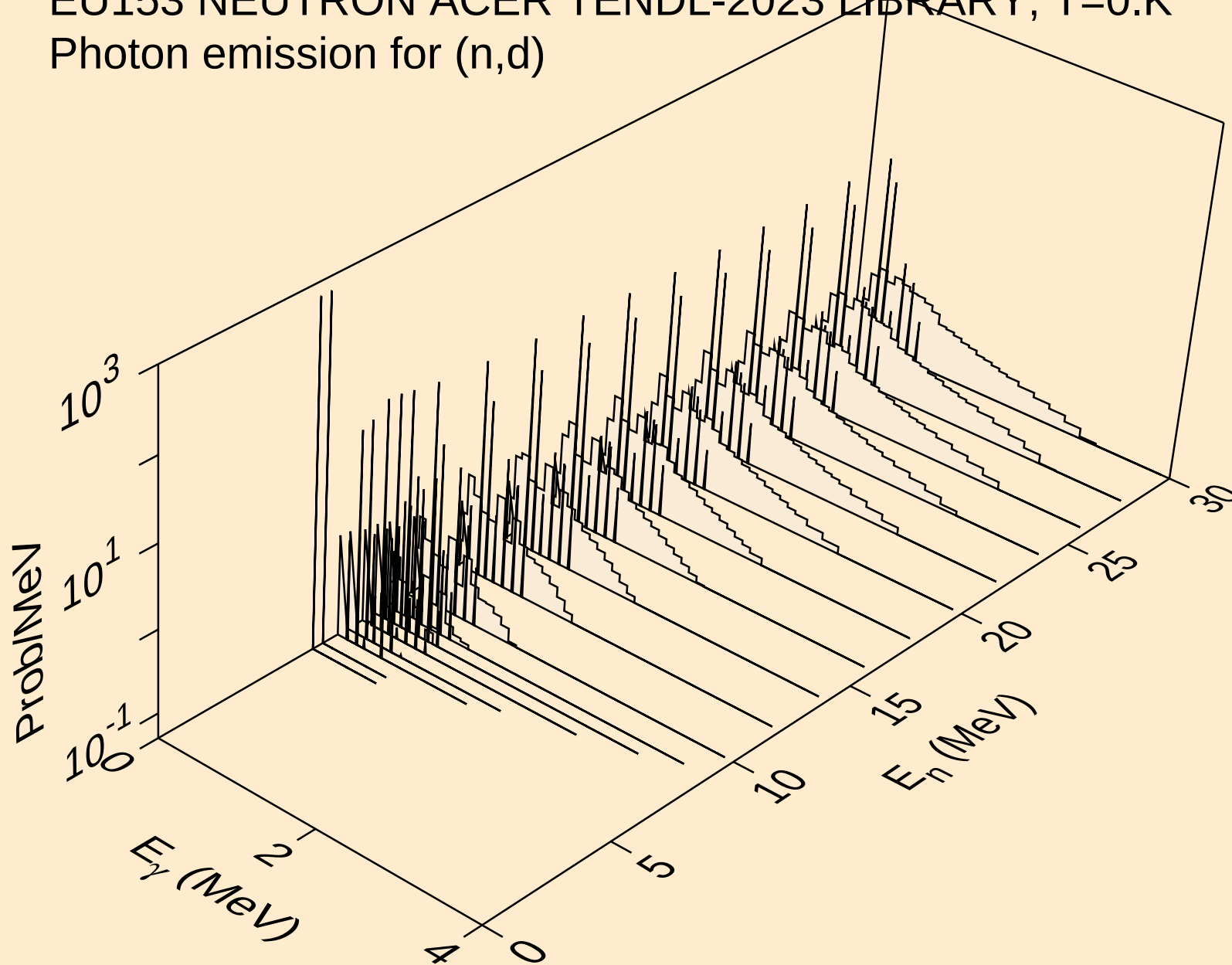
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



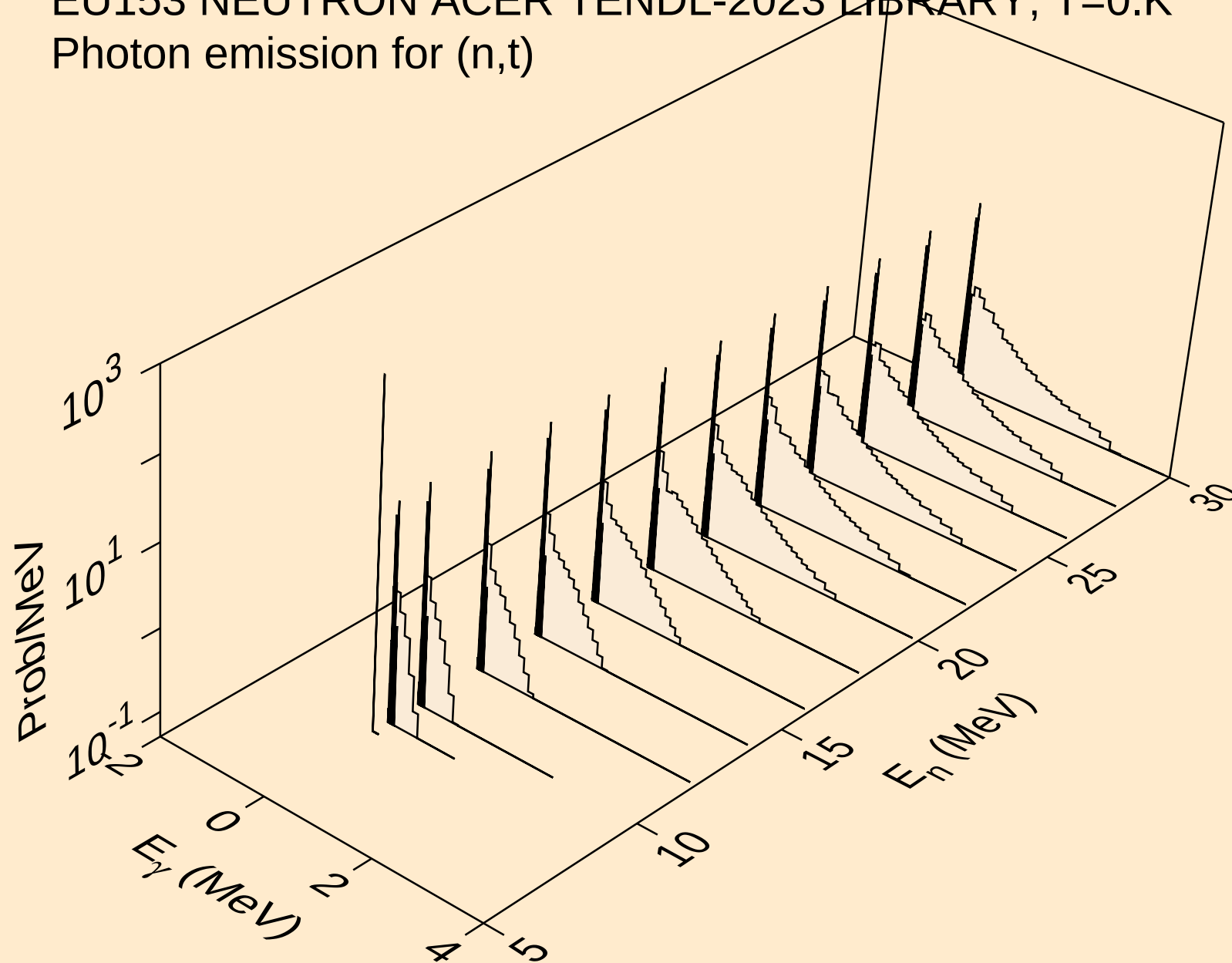
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



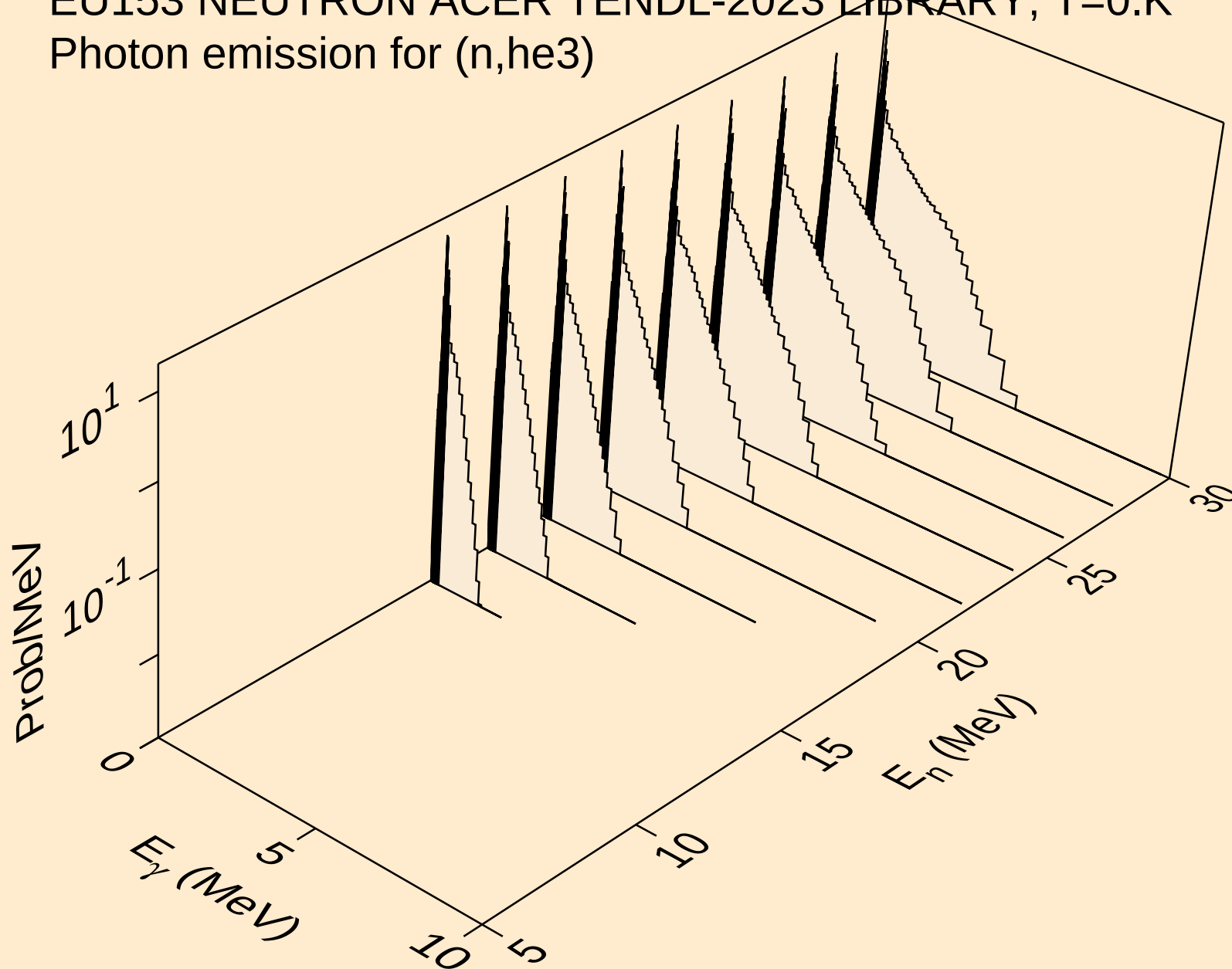
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



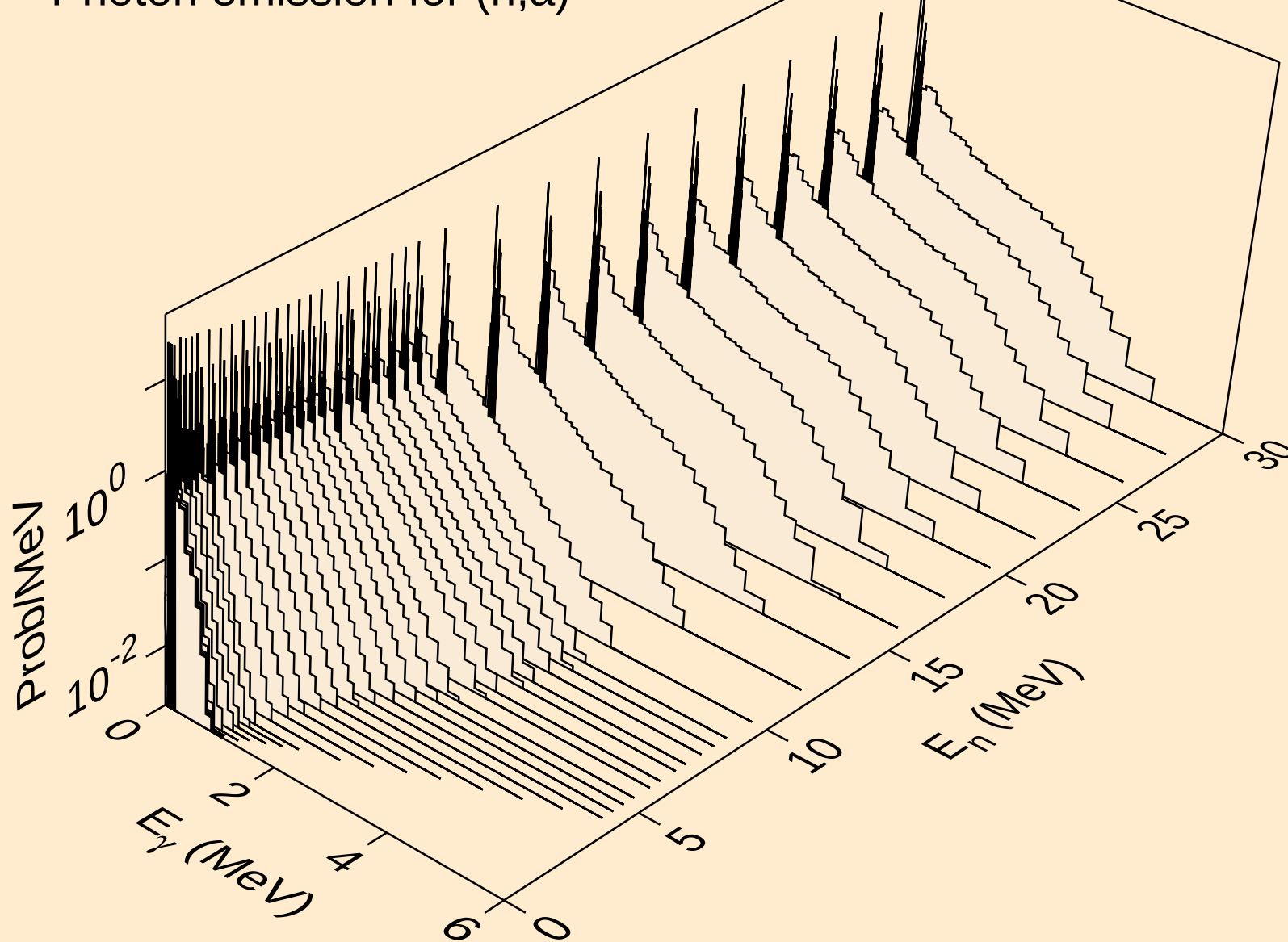
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



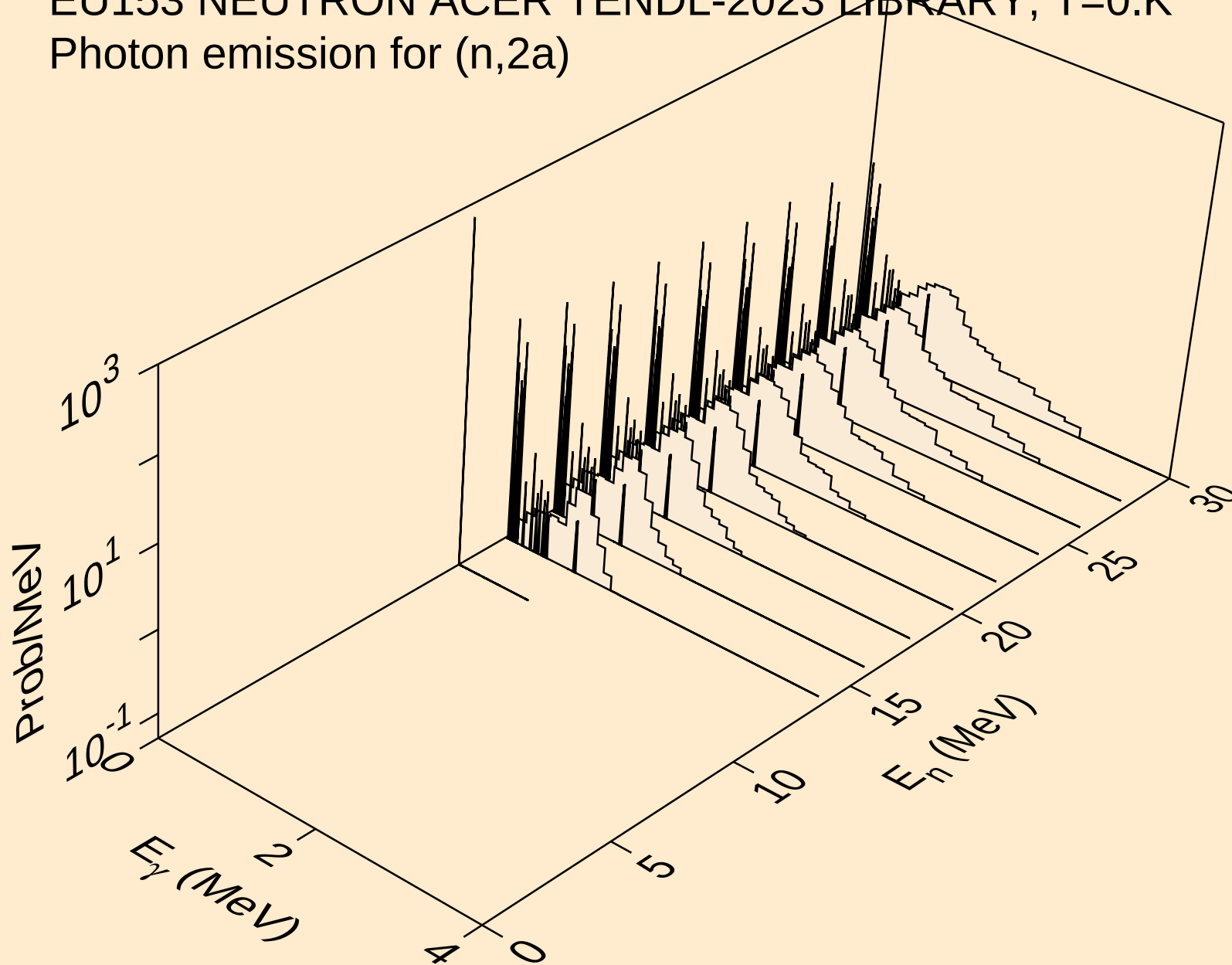
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



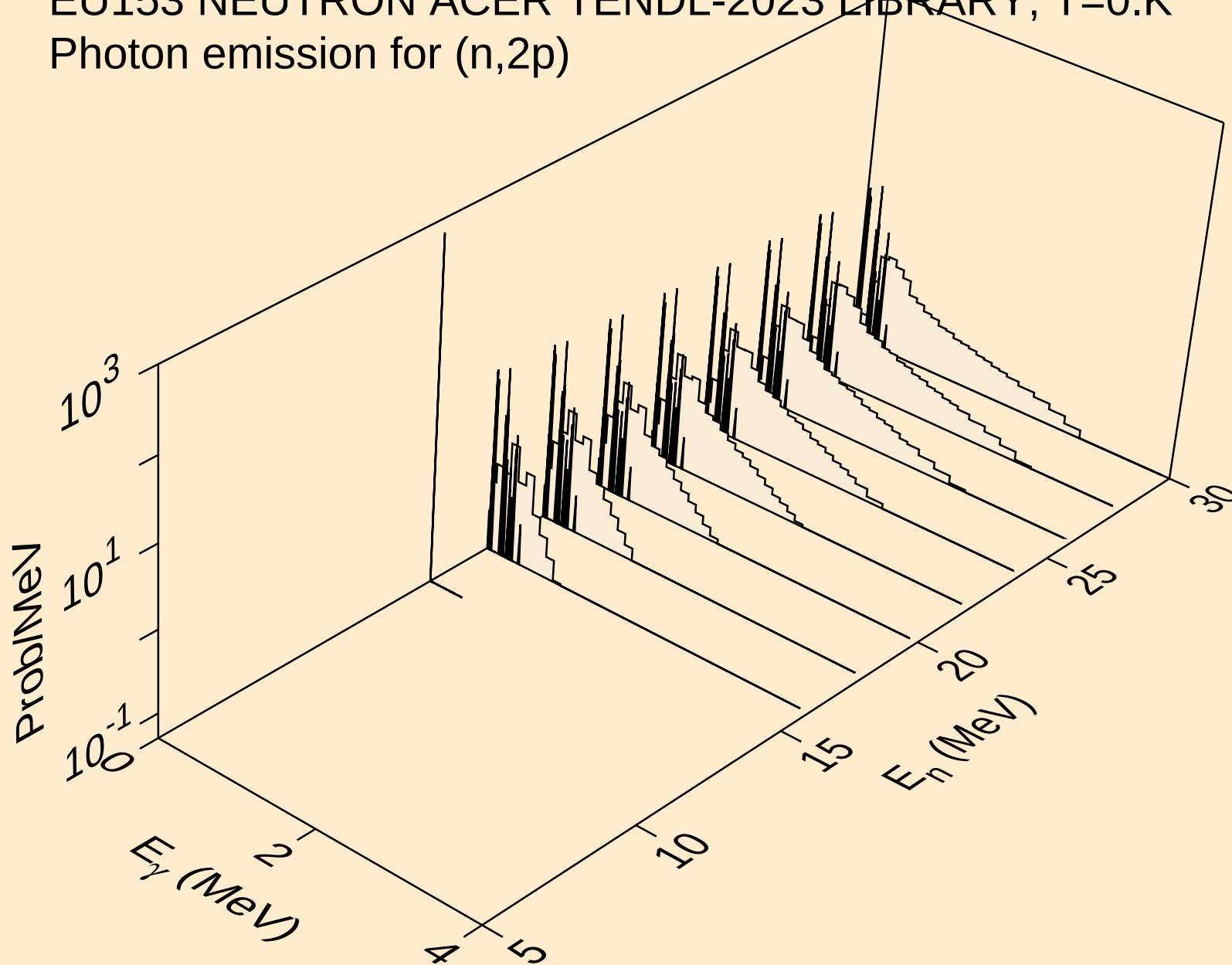
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



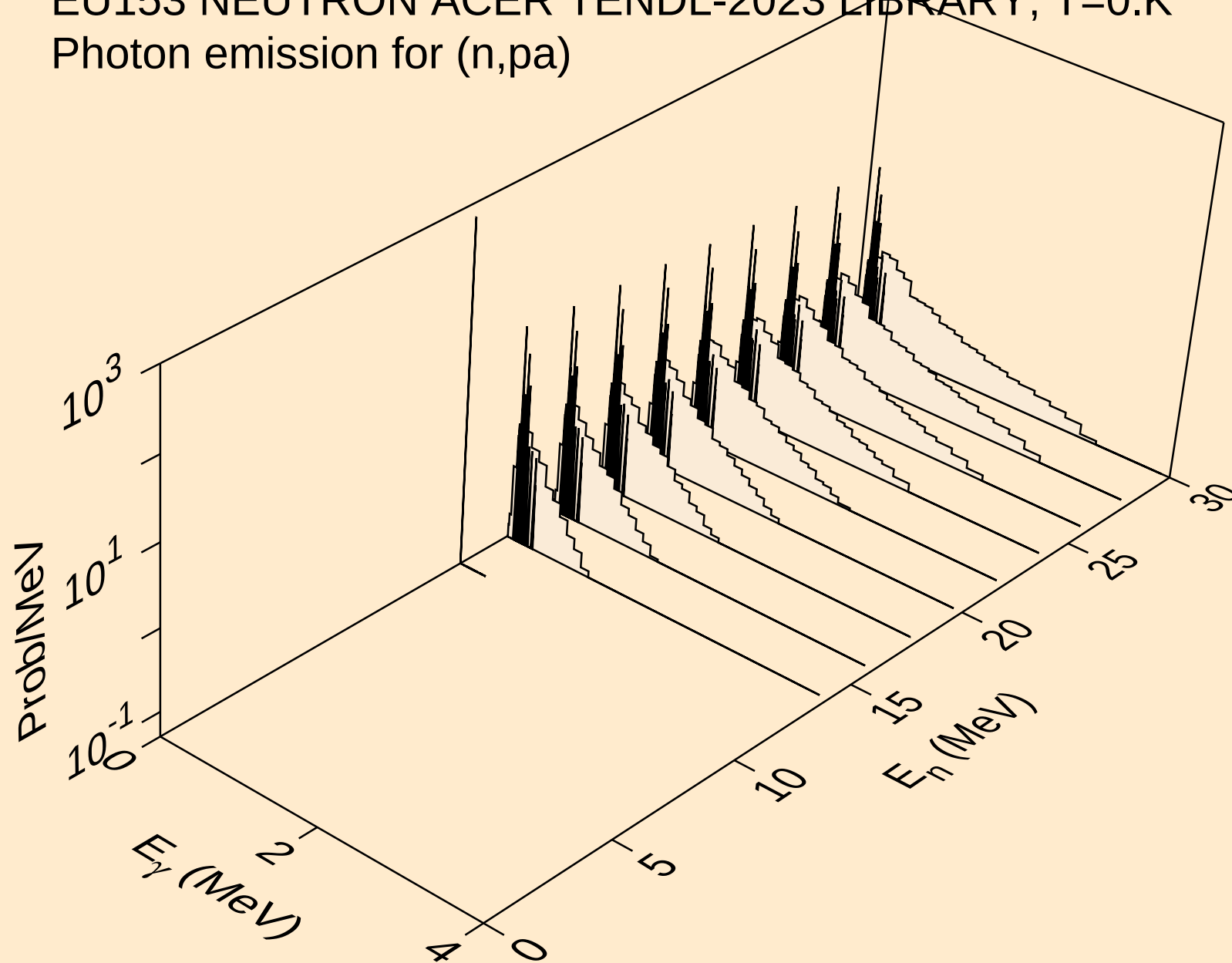
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



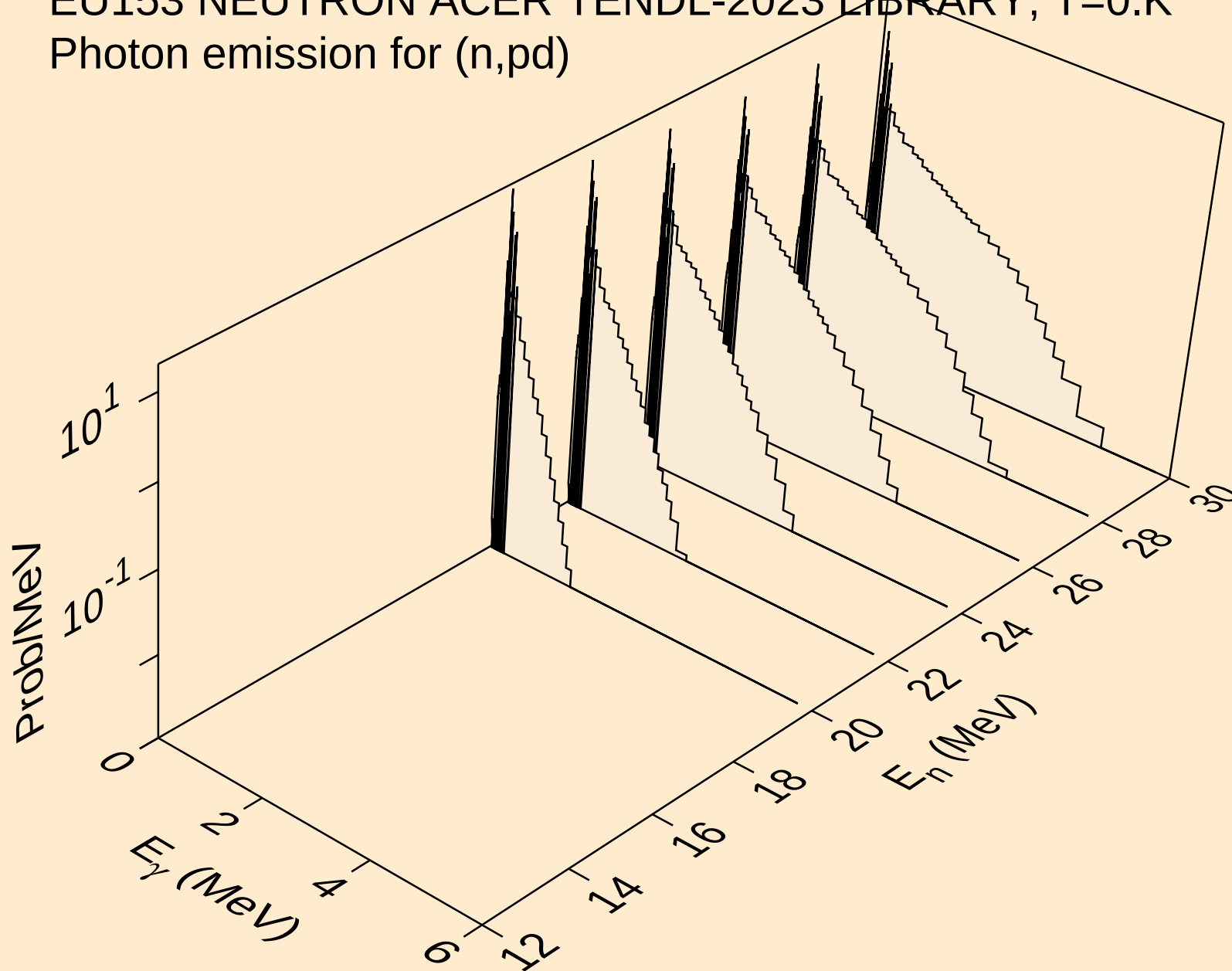
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

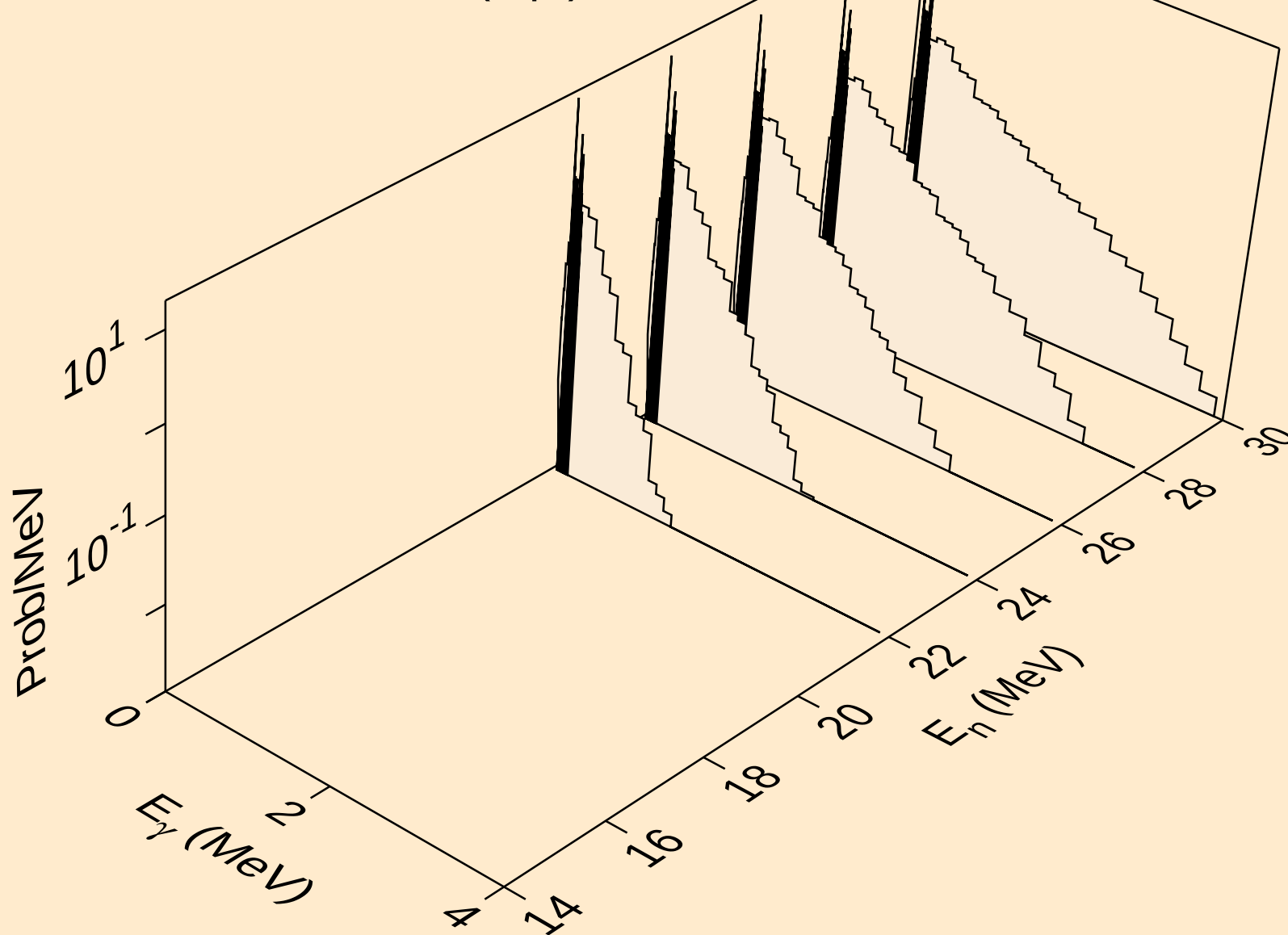


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

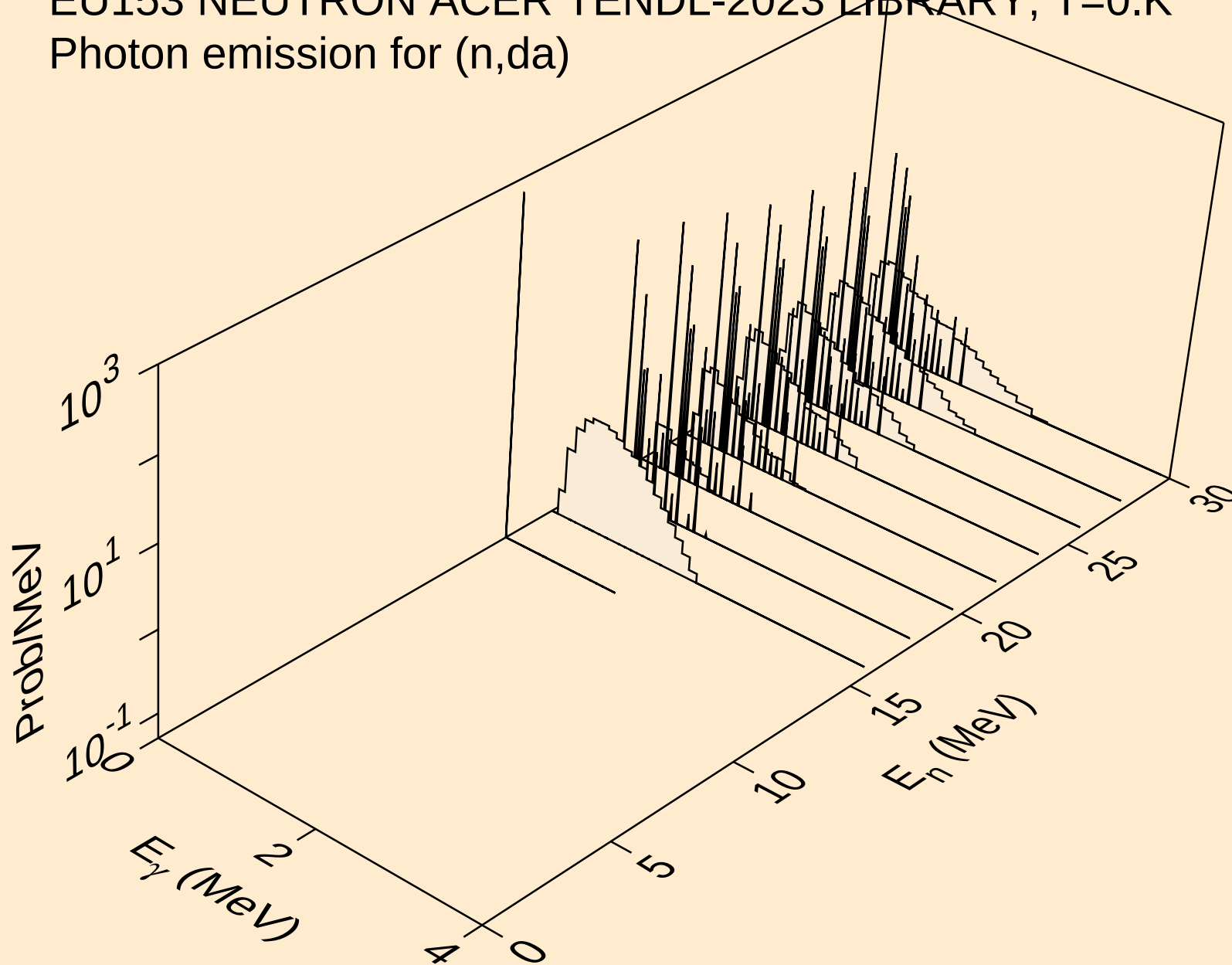


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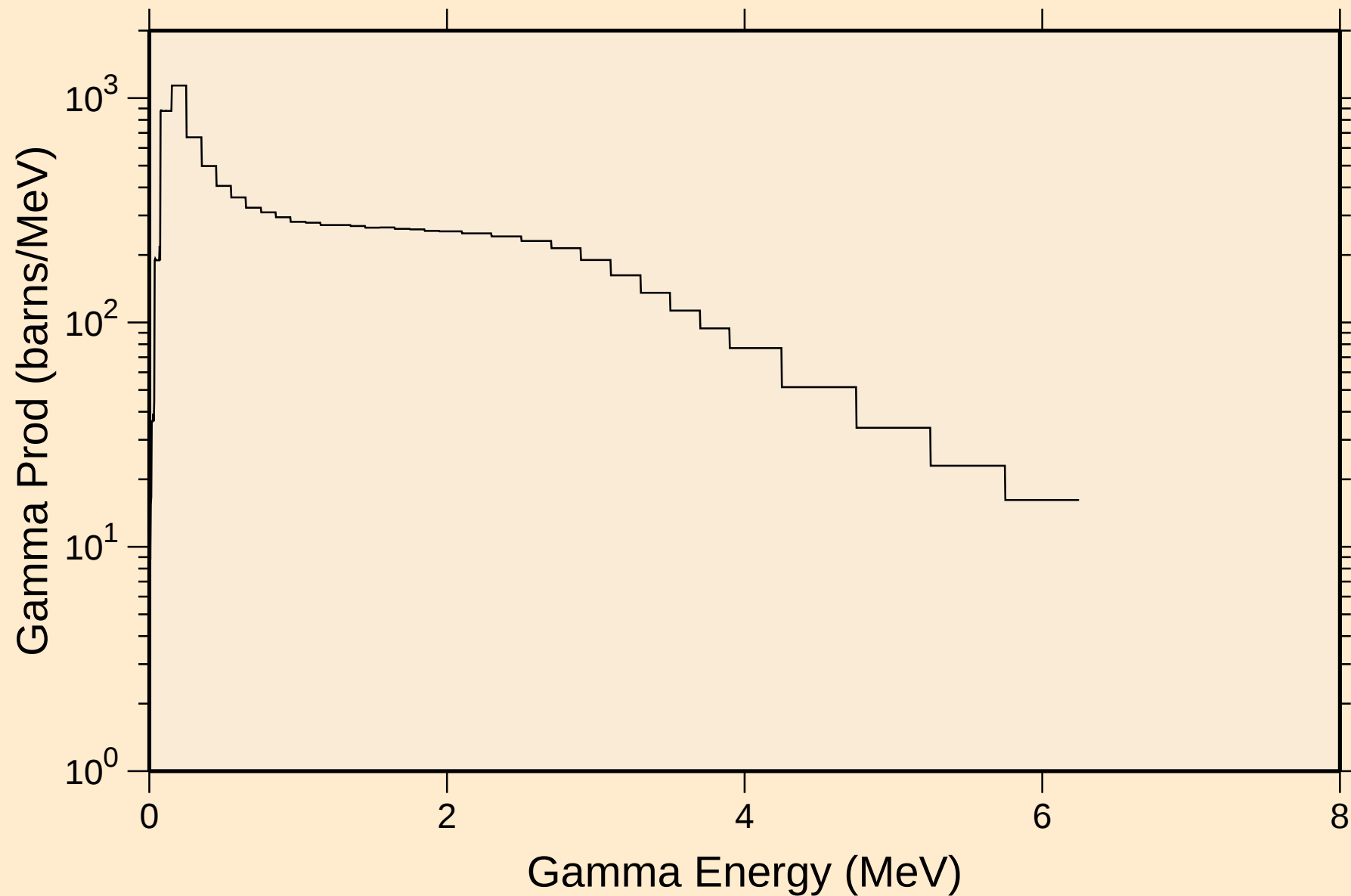
Photon emission for (n,pt)



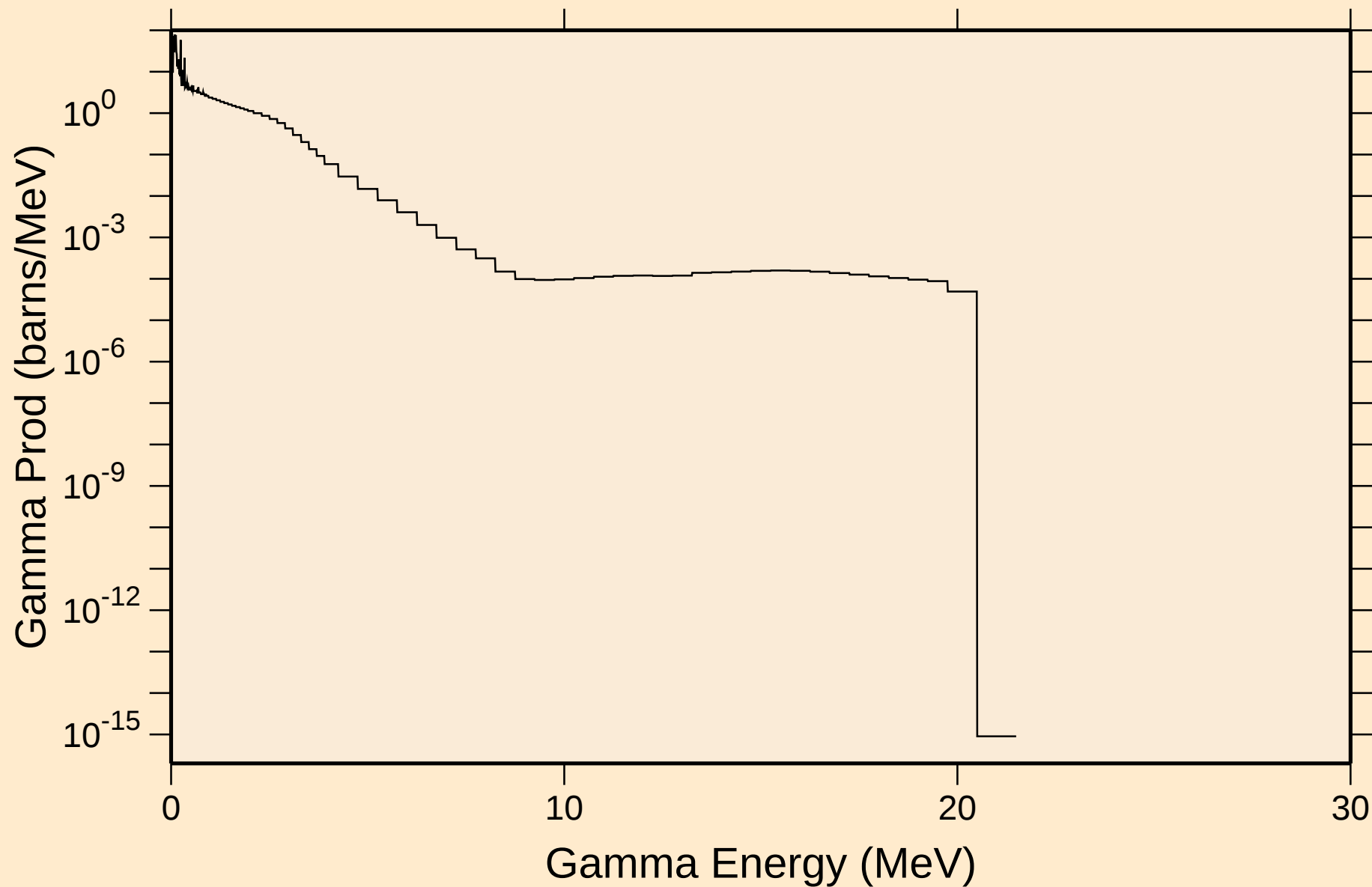
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

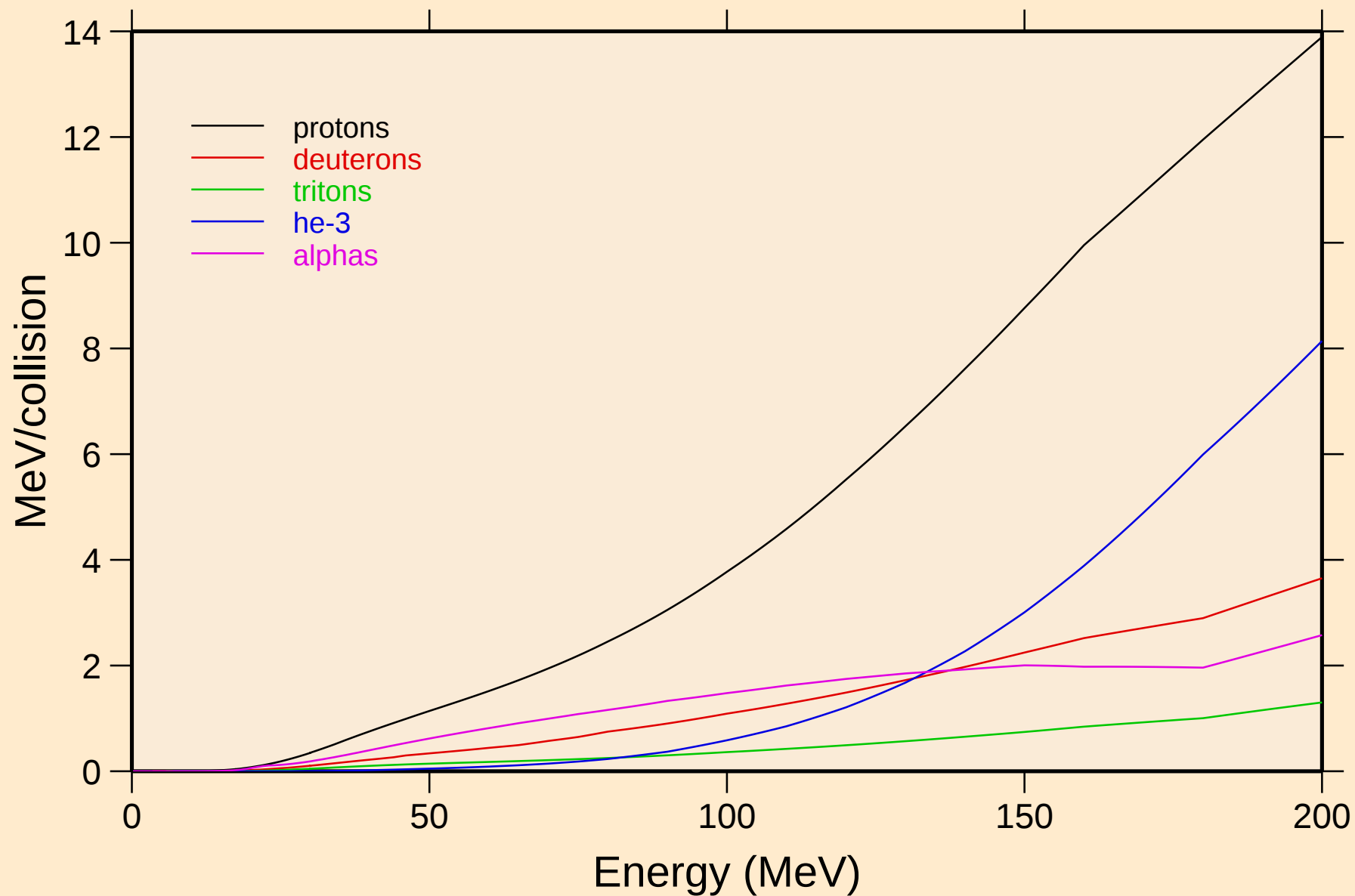


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

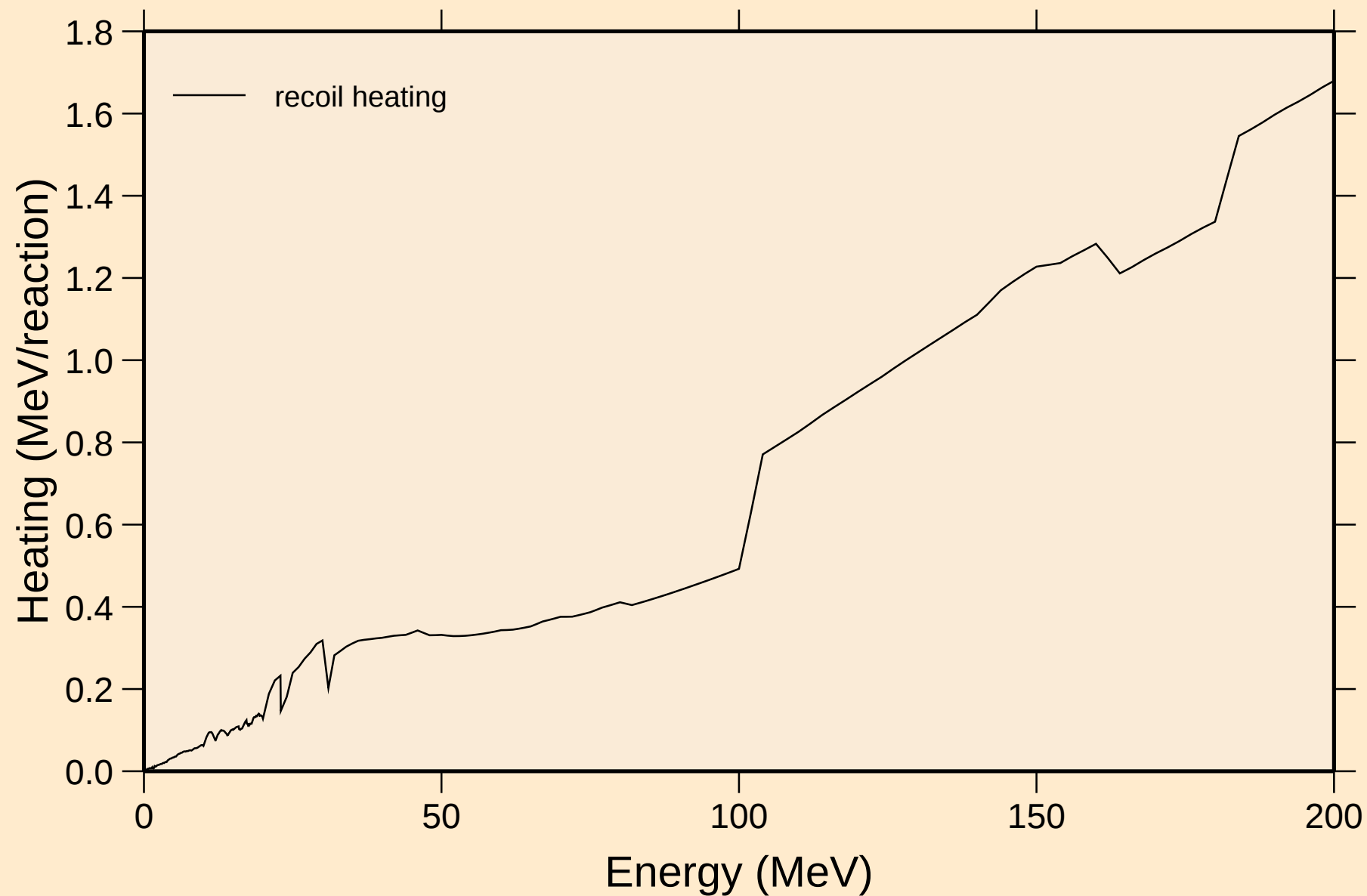


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

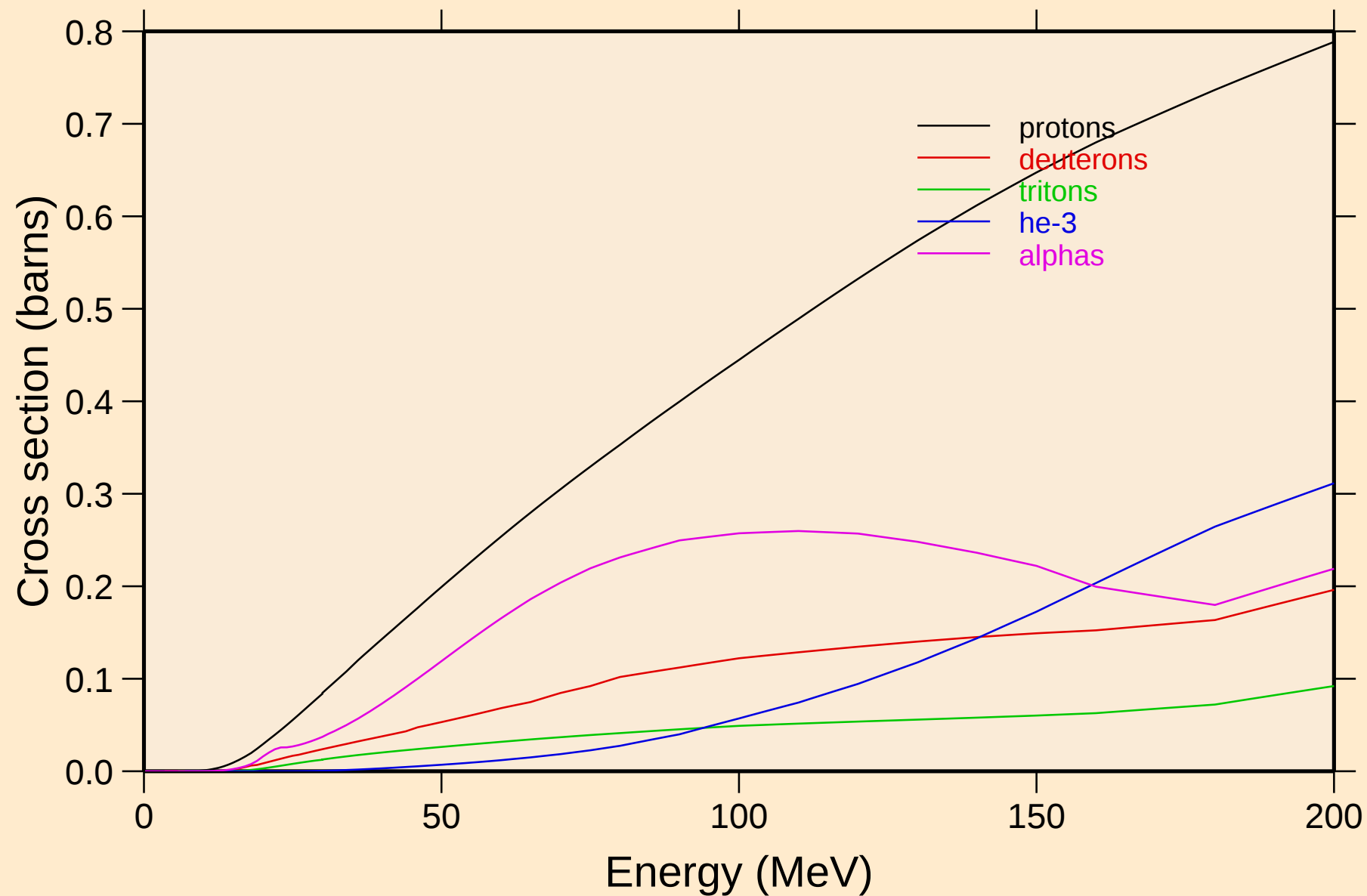


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

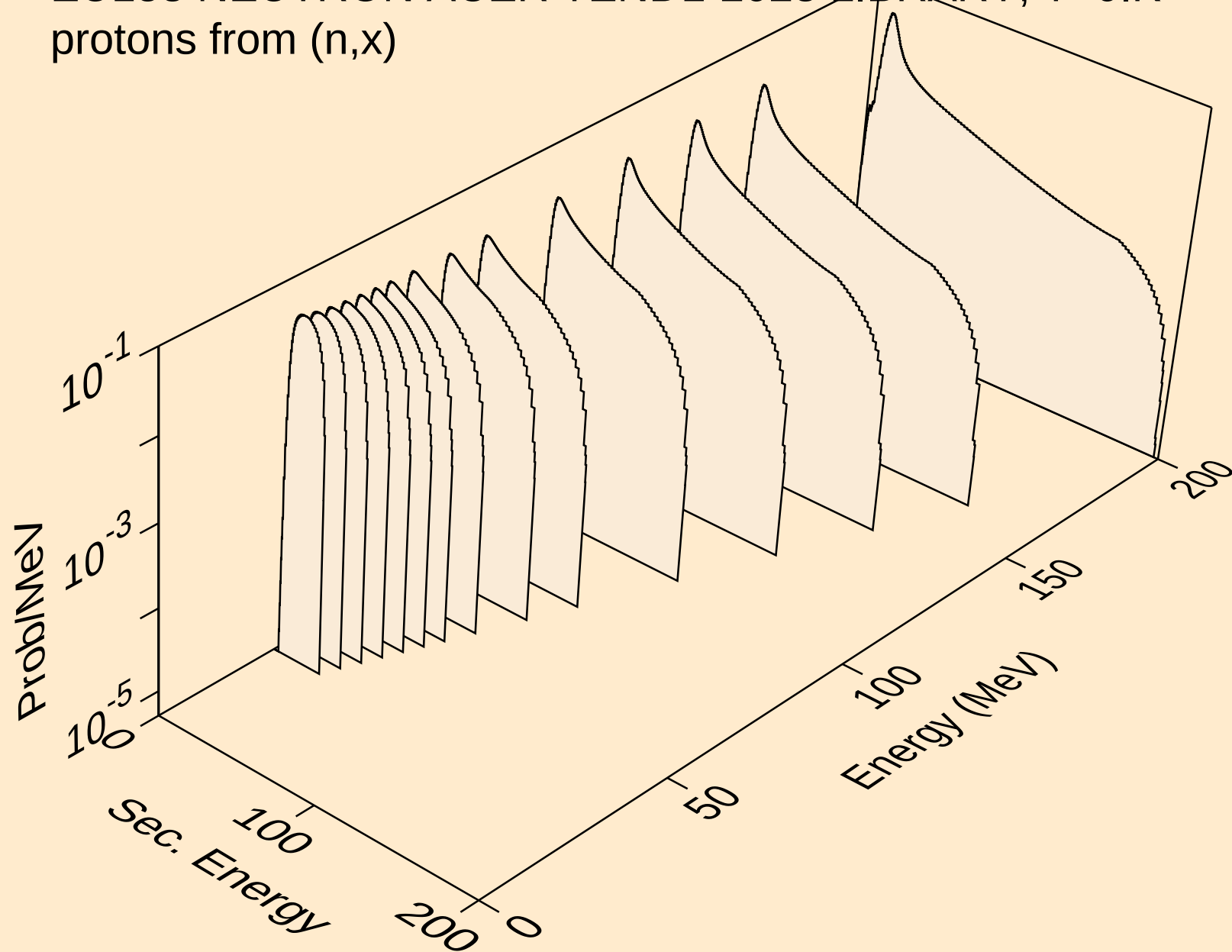


EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

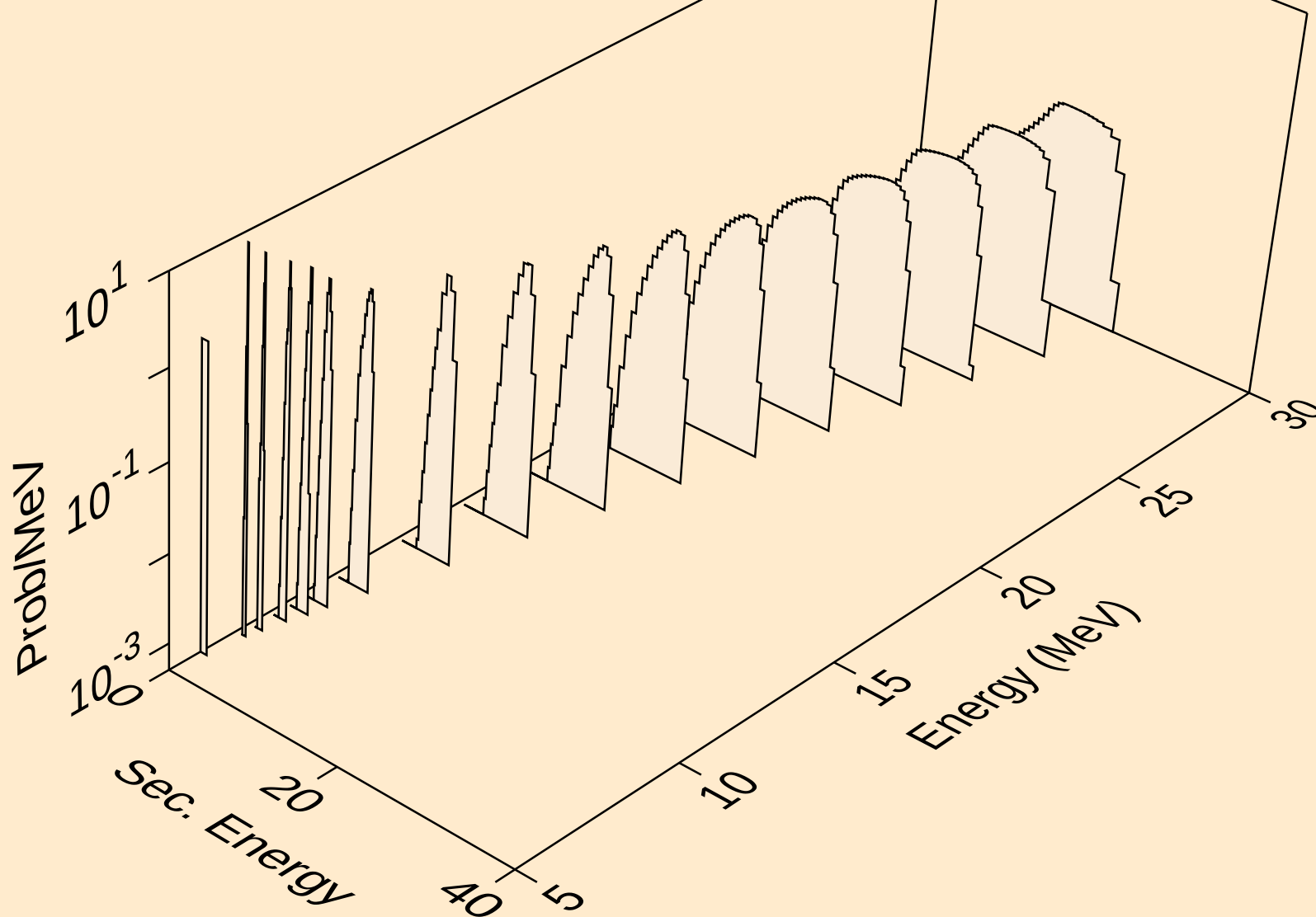
Particle production cross sections



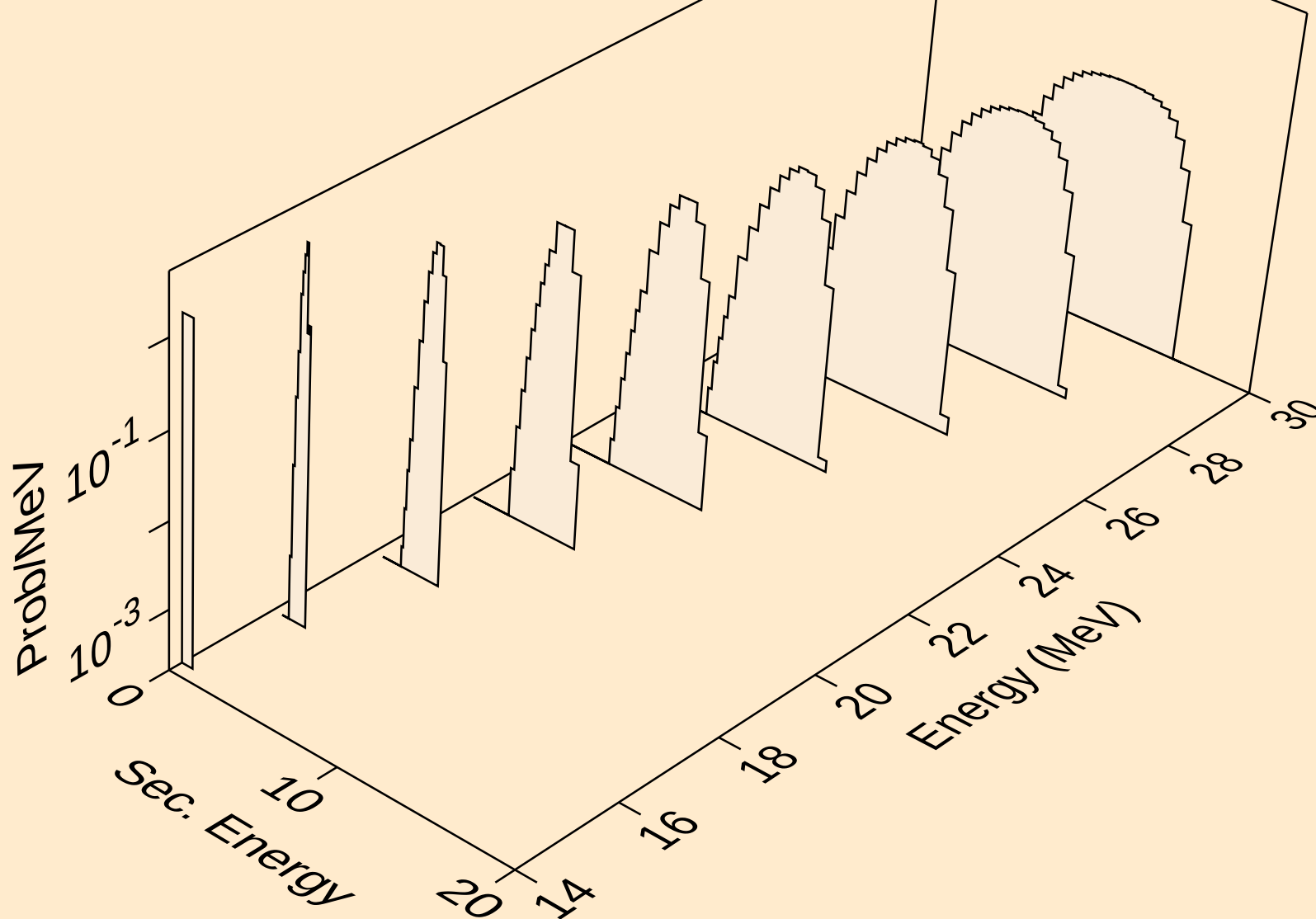
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



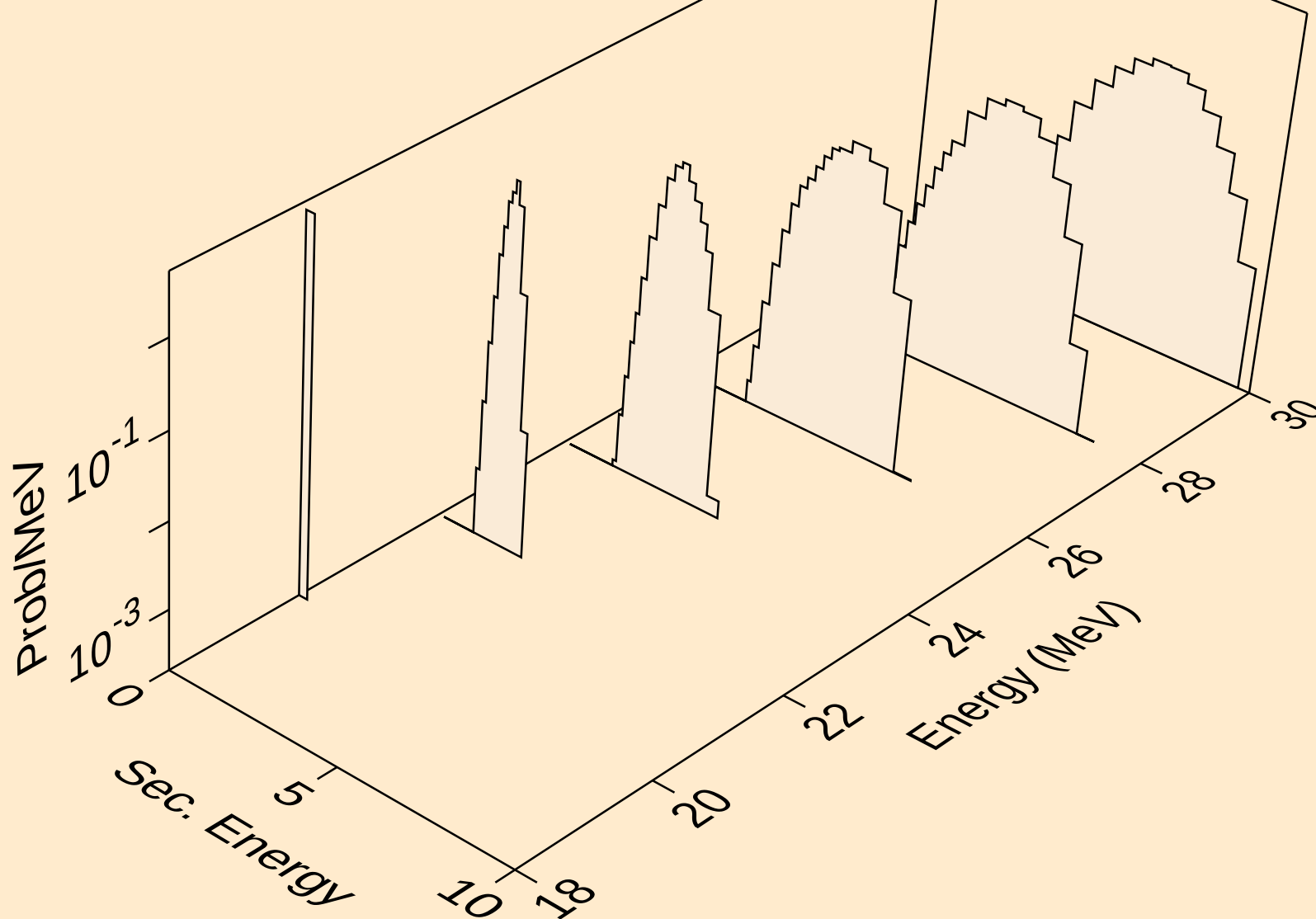
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



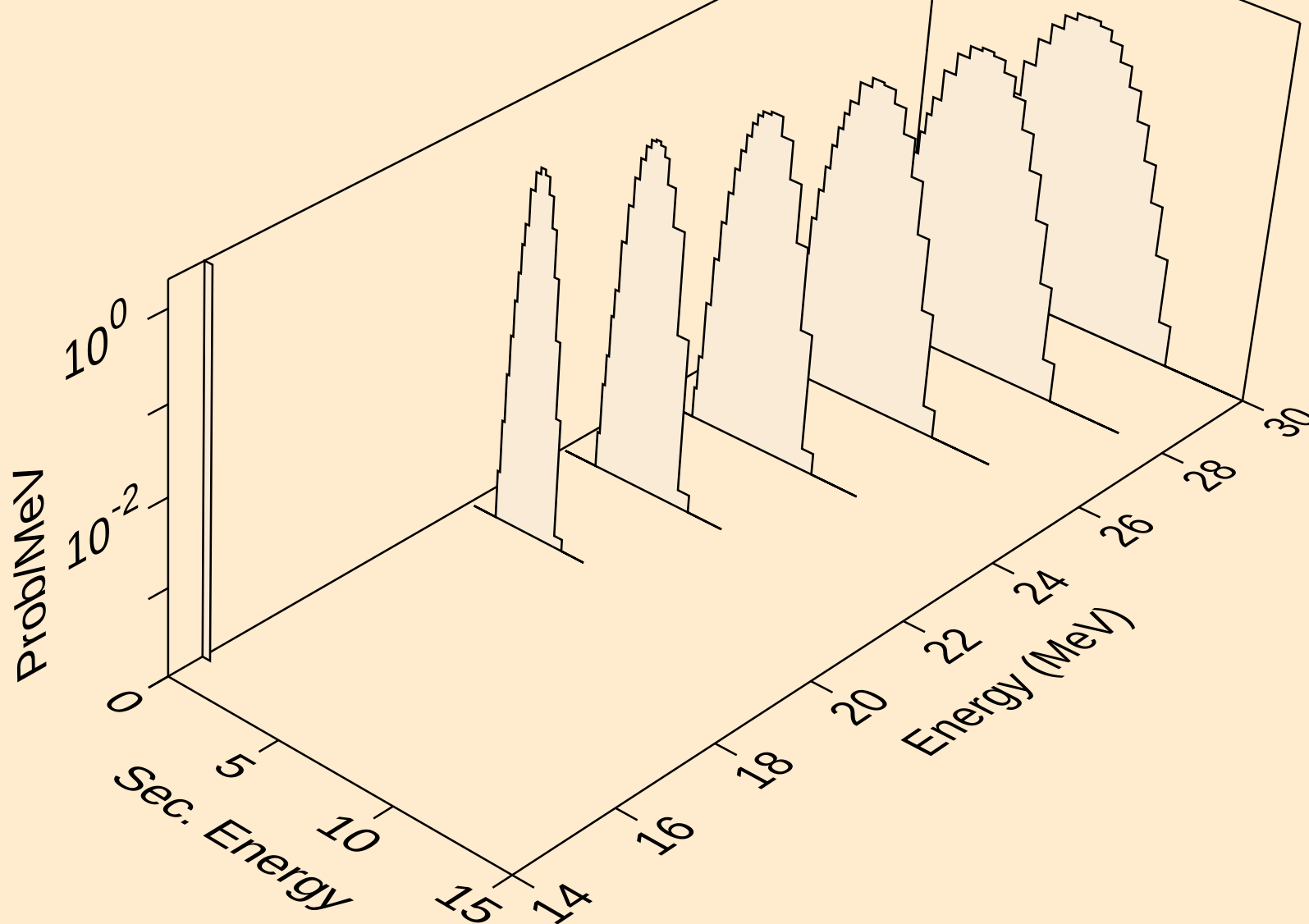
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



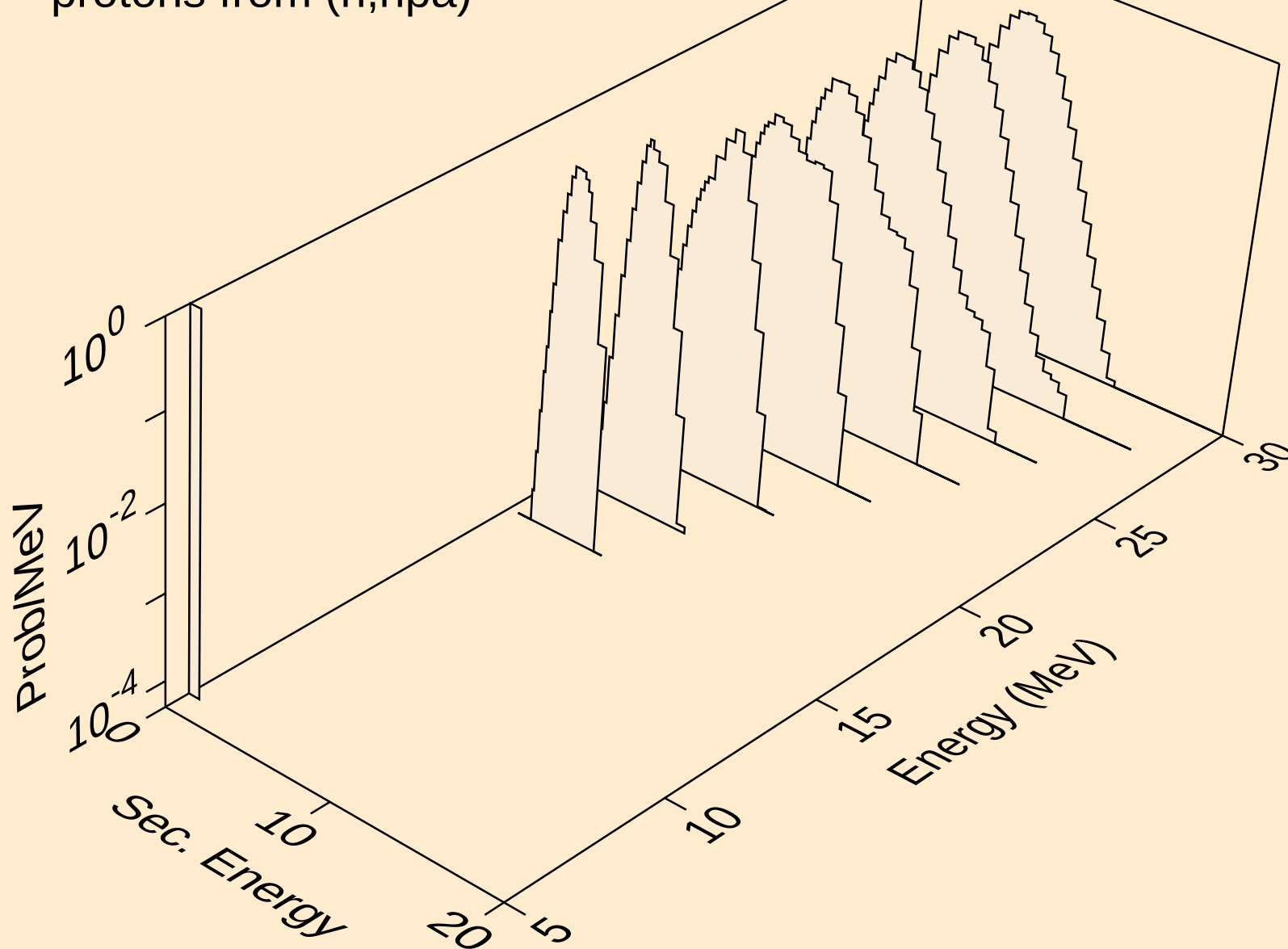
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protons from (n,3np)



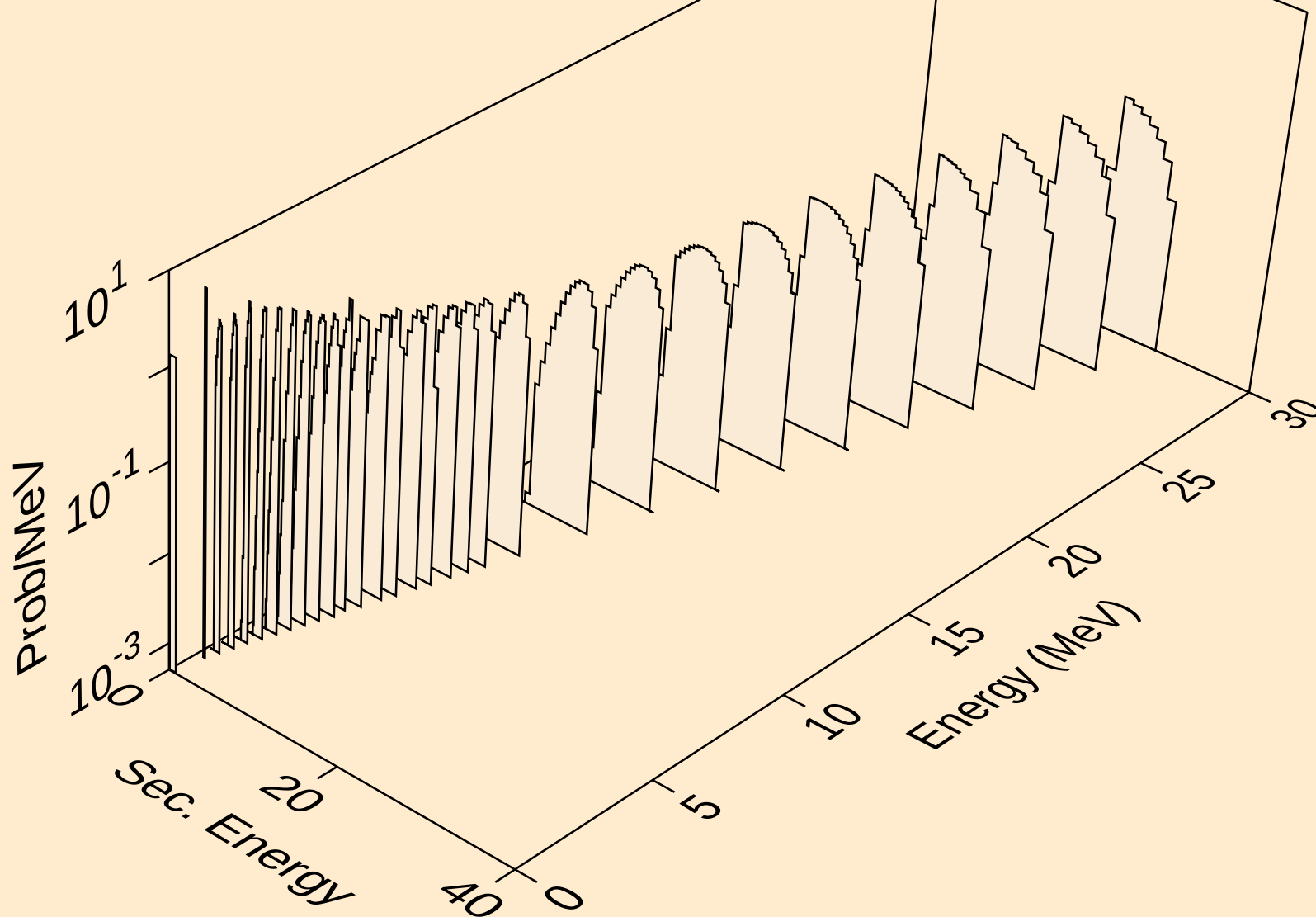
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protons from (n,n2p)



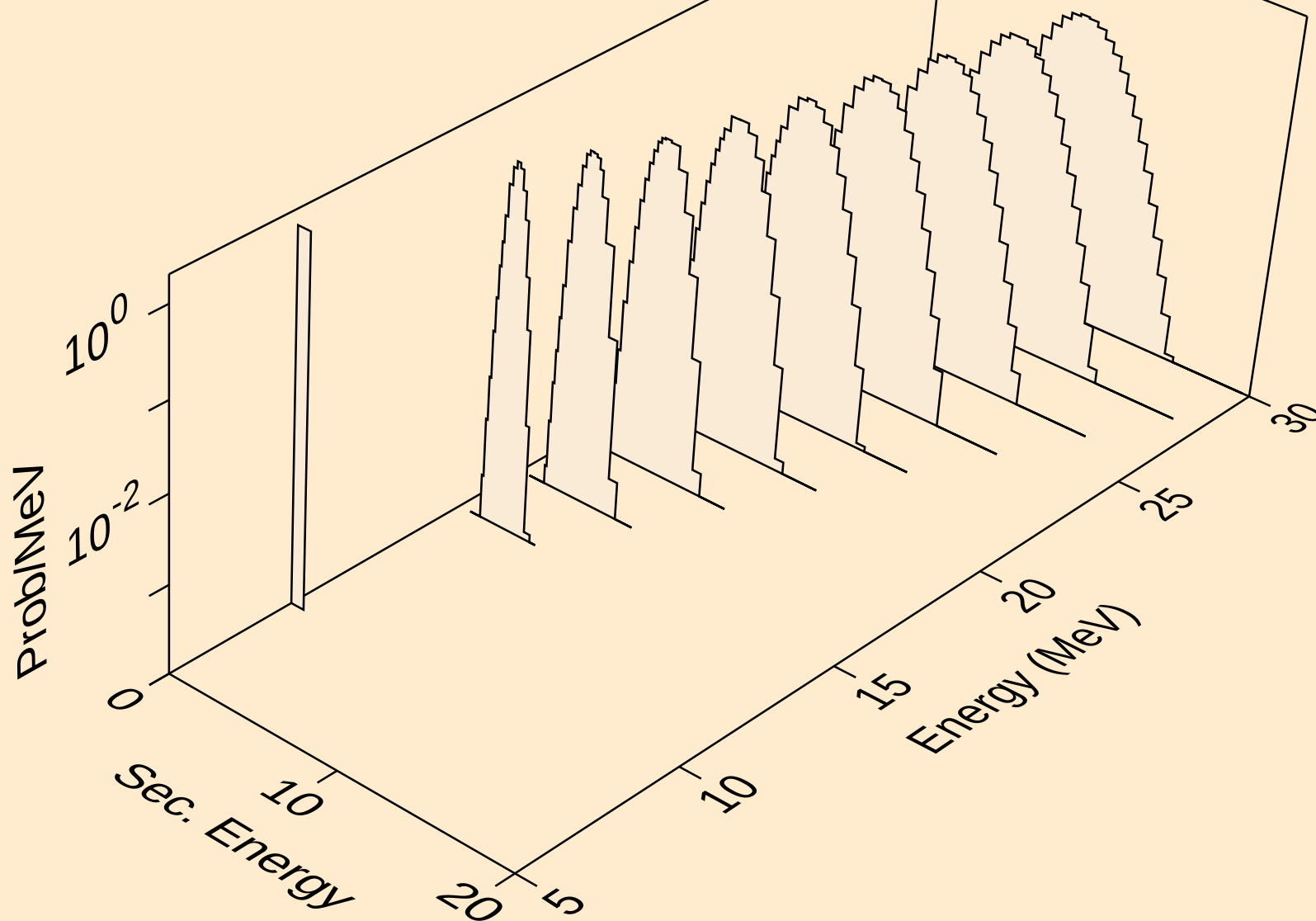
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protons from (n,npa)



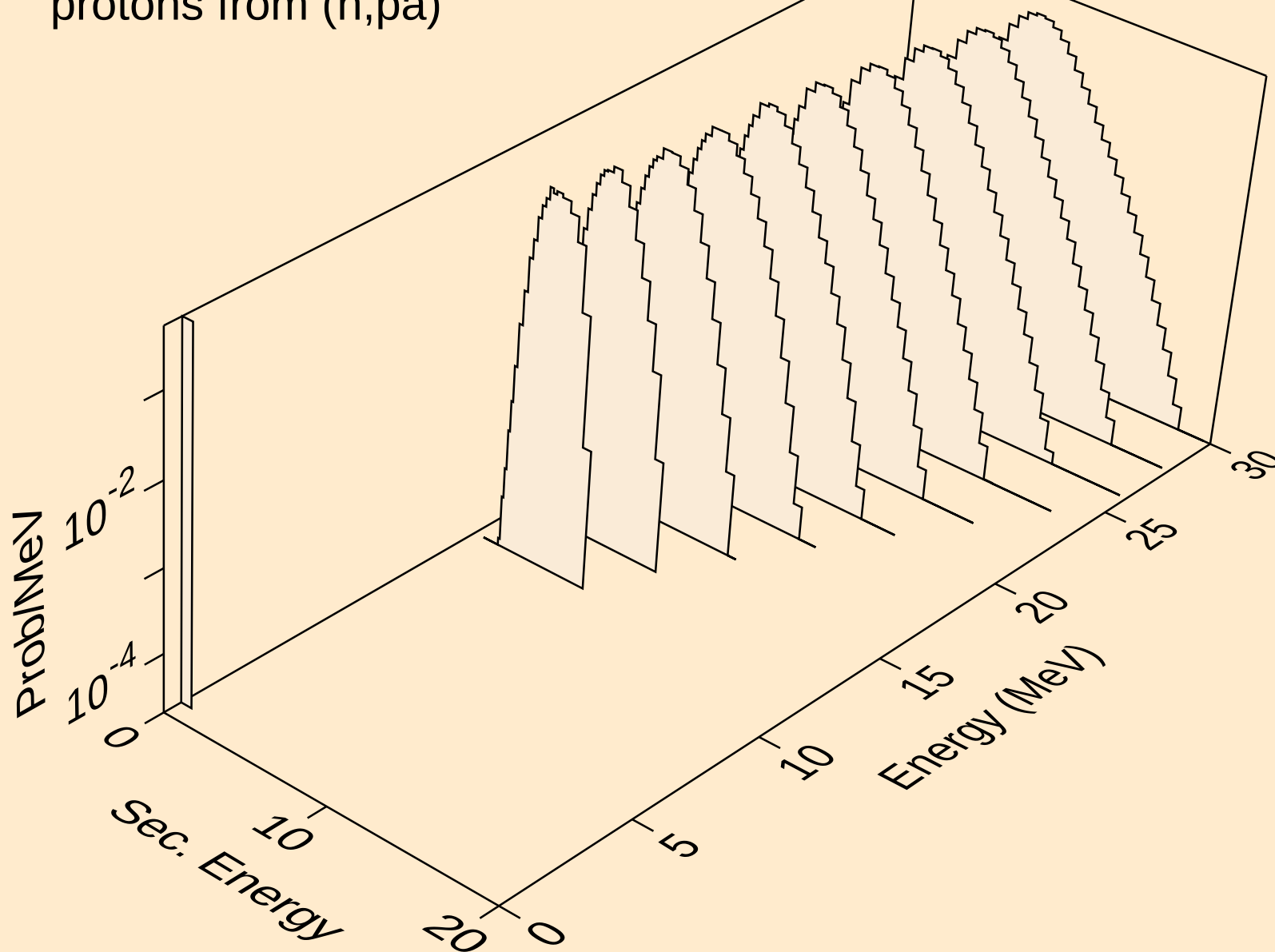
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protons from (n,p)



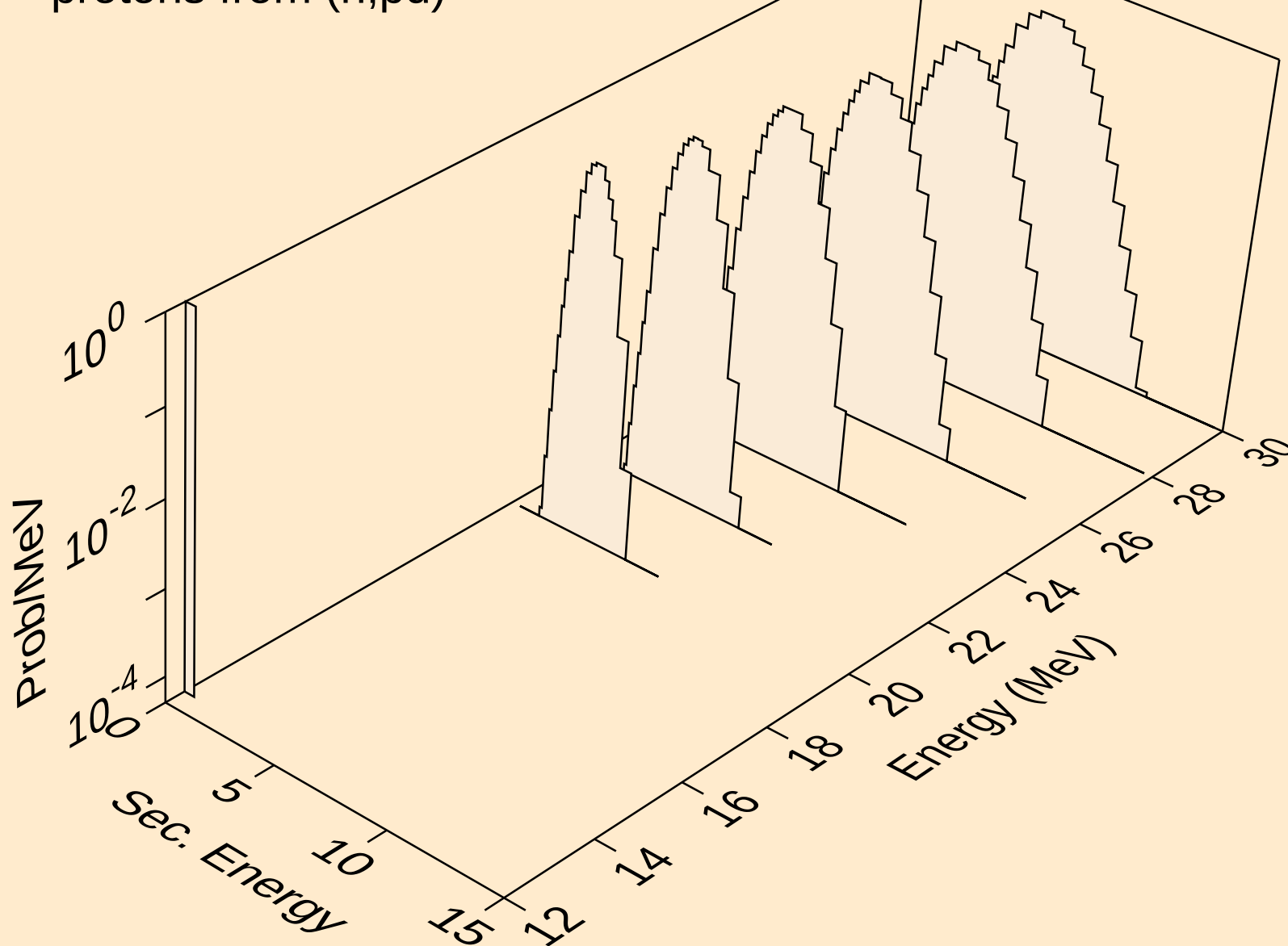
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protons from (n,2p)



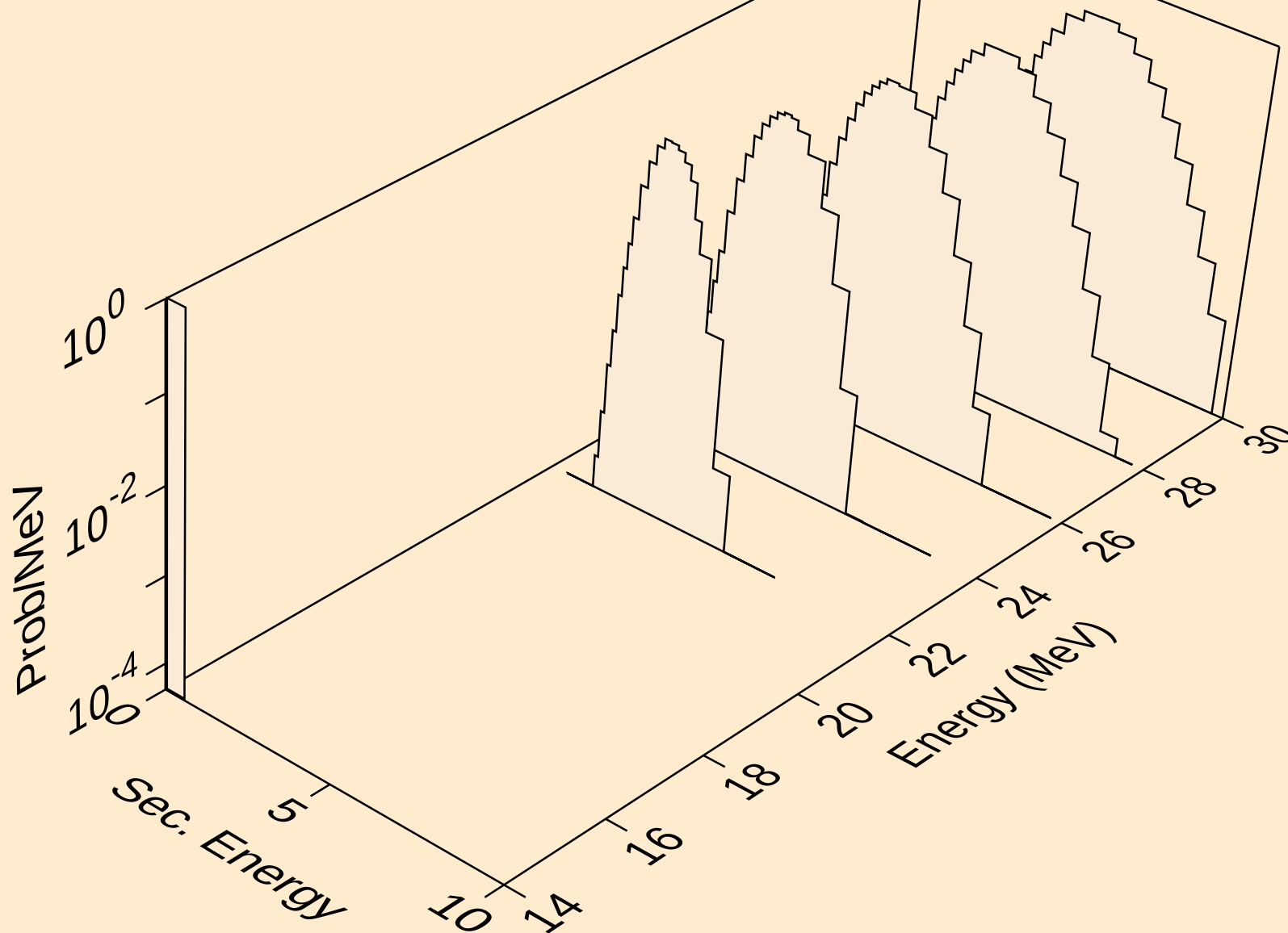
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protons from (n,p)



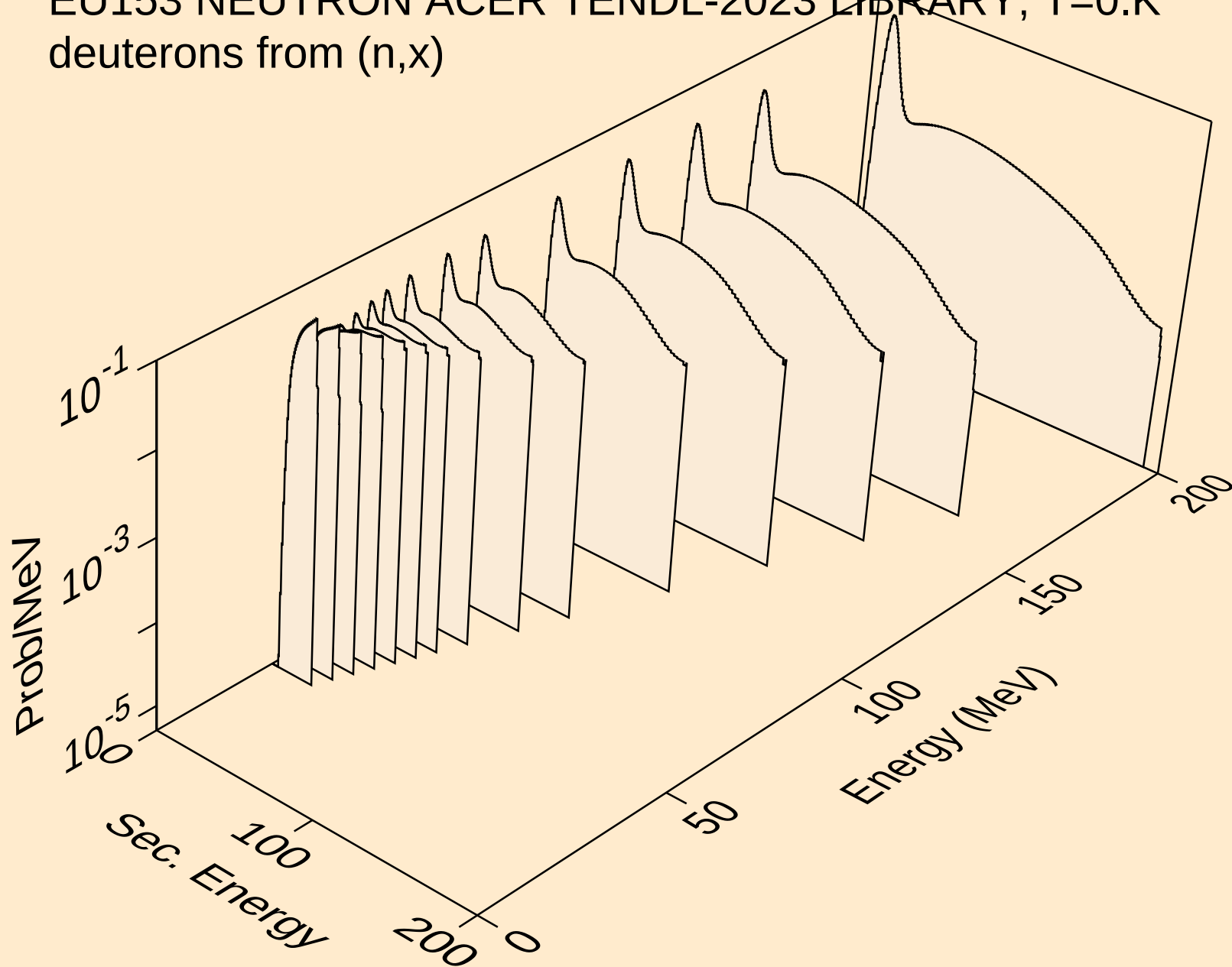
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



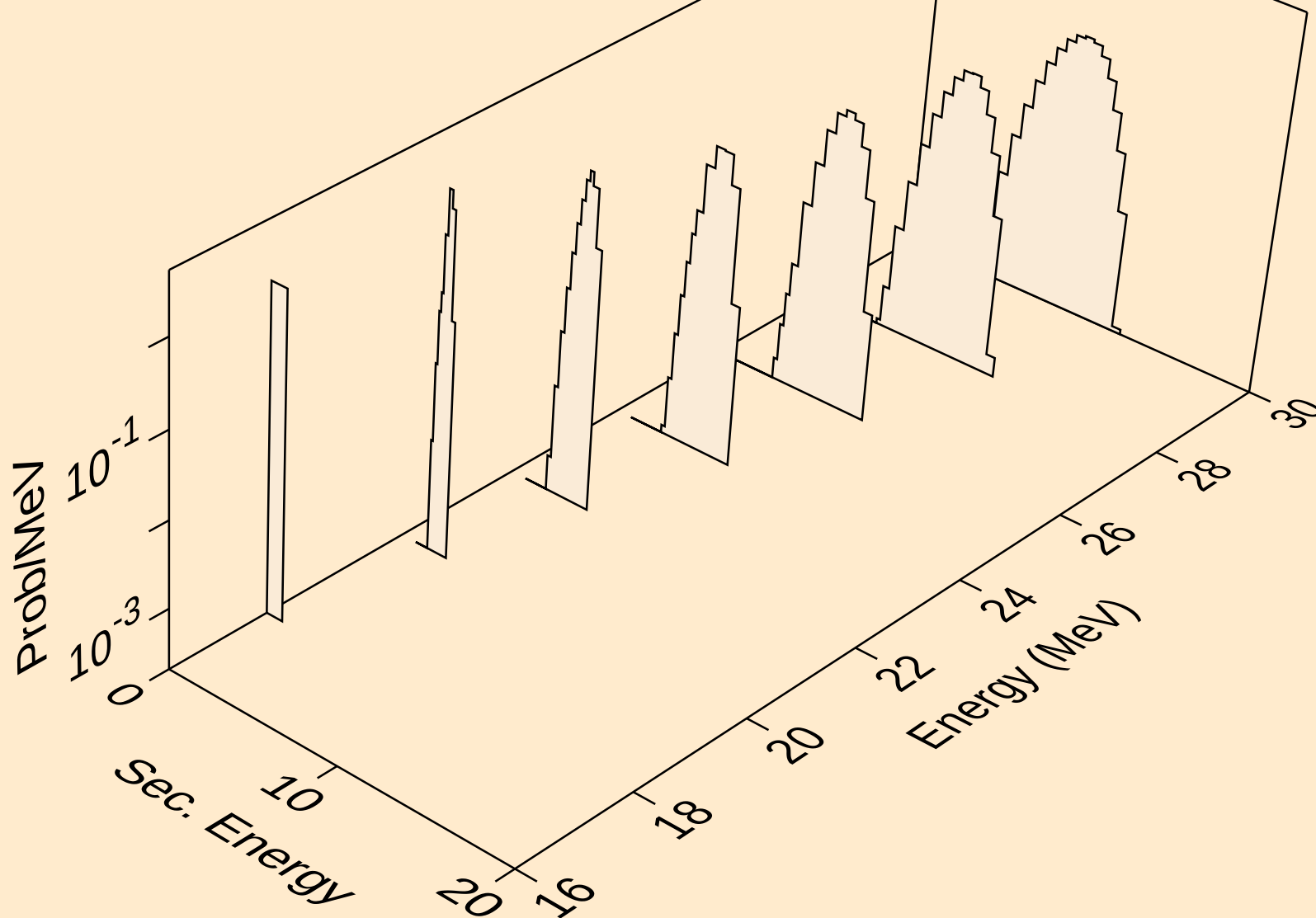
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



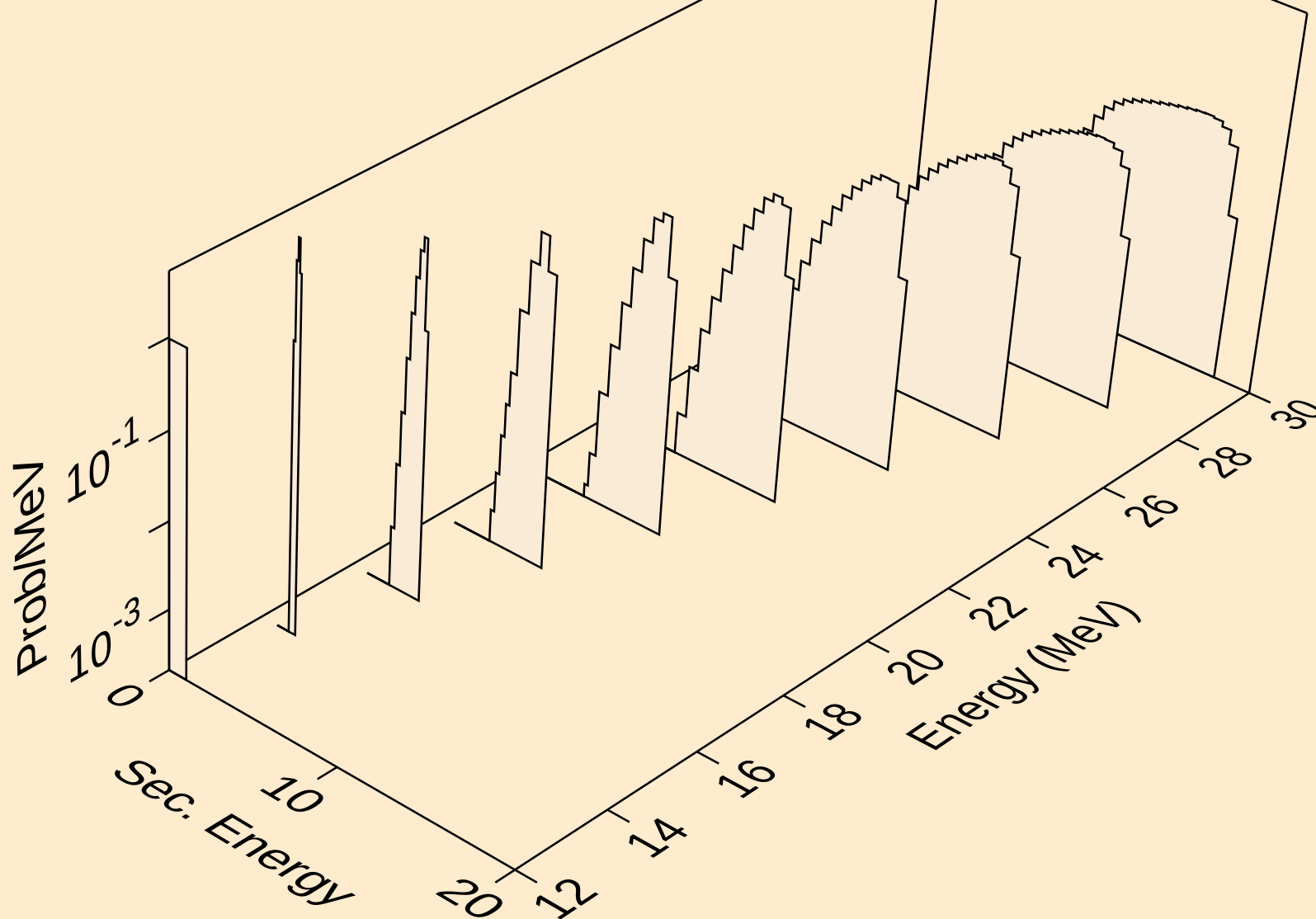
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



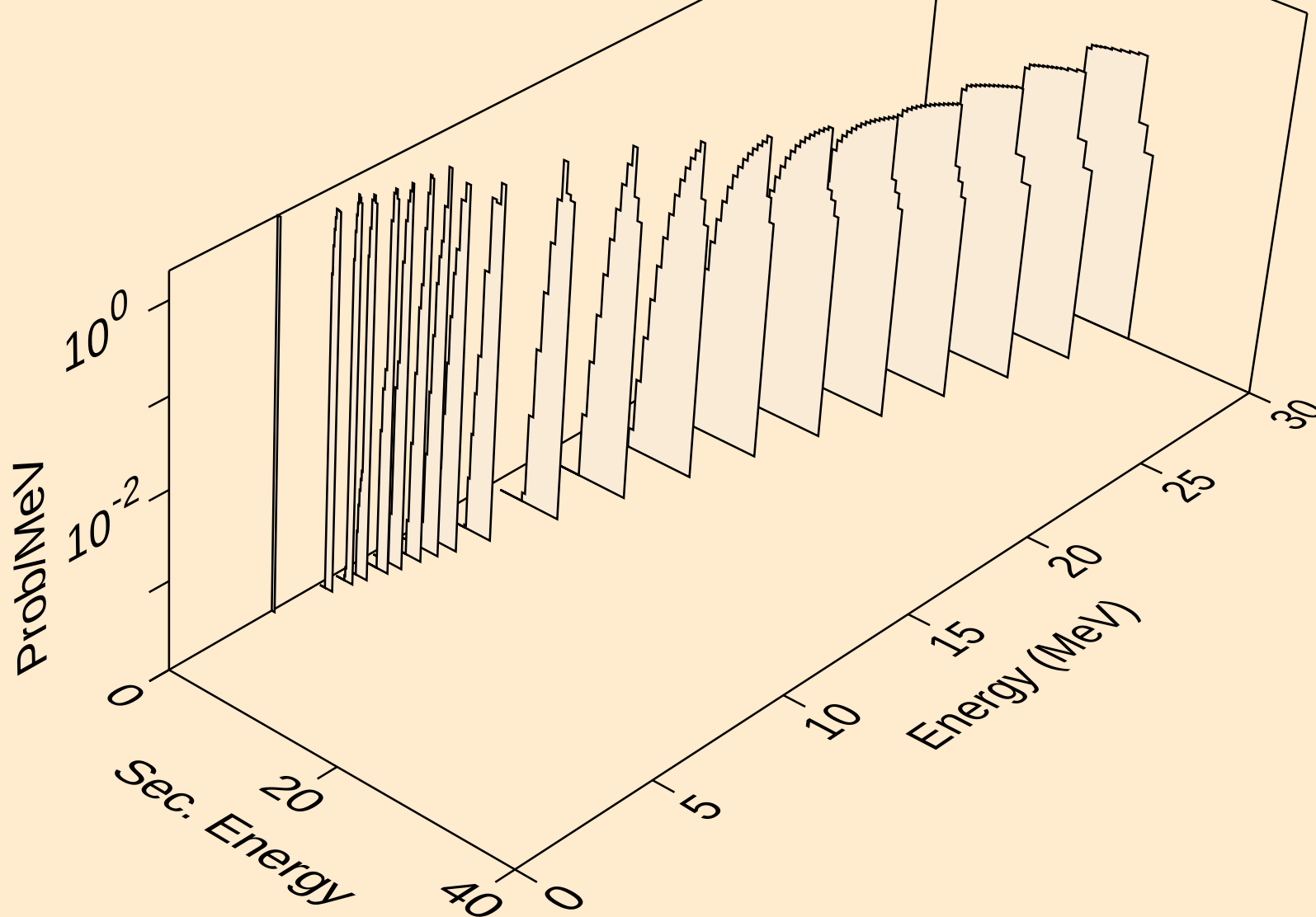
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deuterons from (n,2nd)



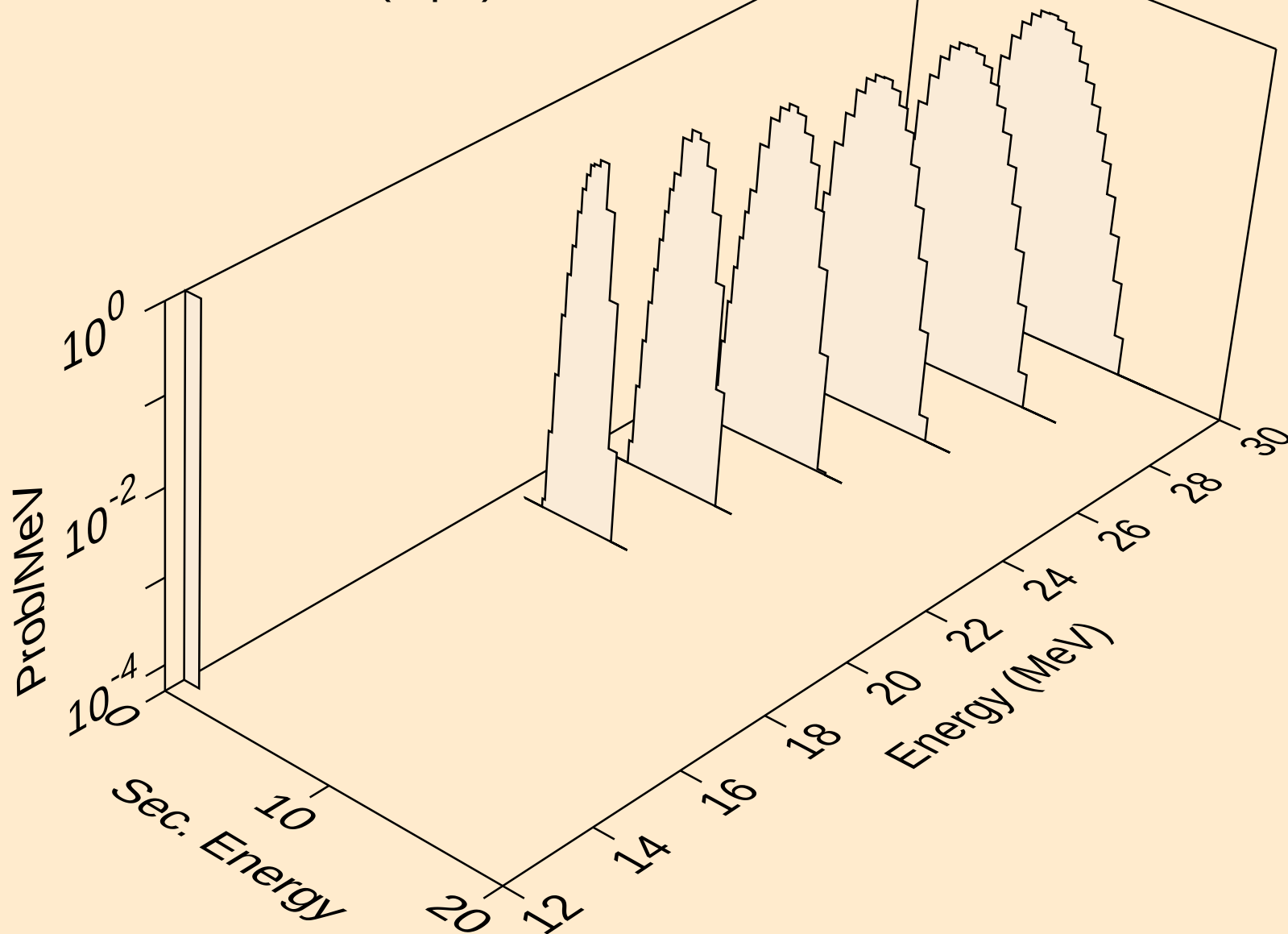
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deuterons from (n,n*)d



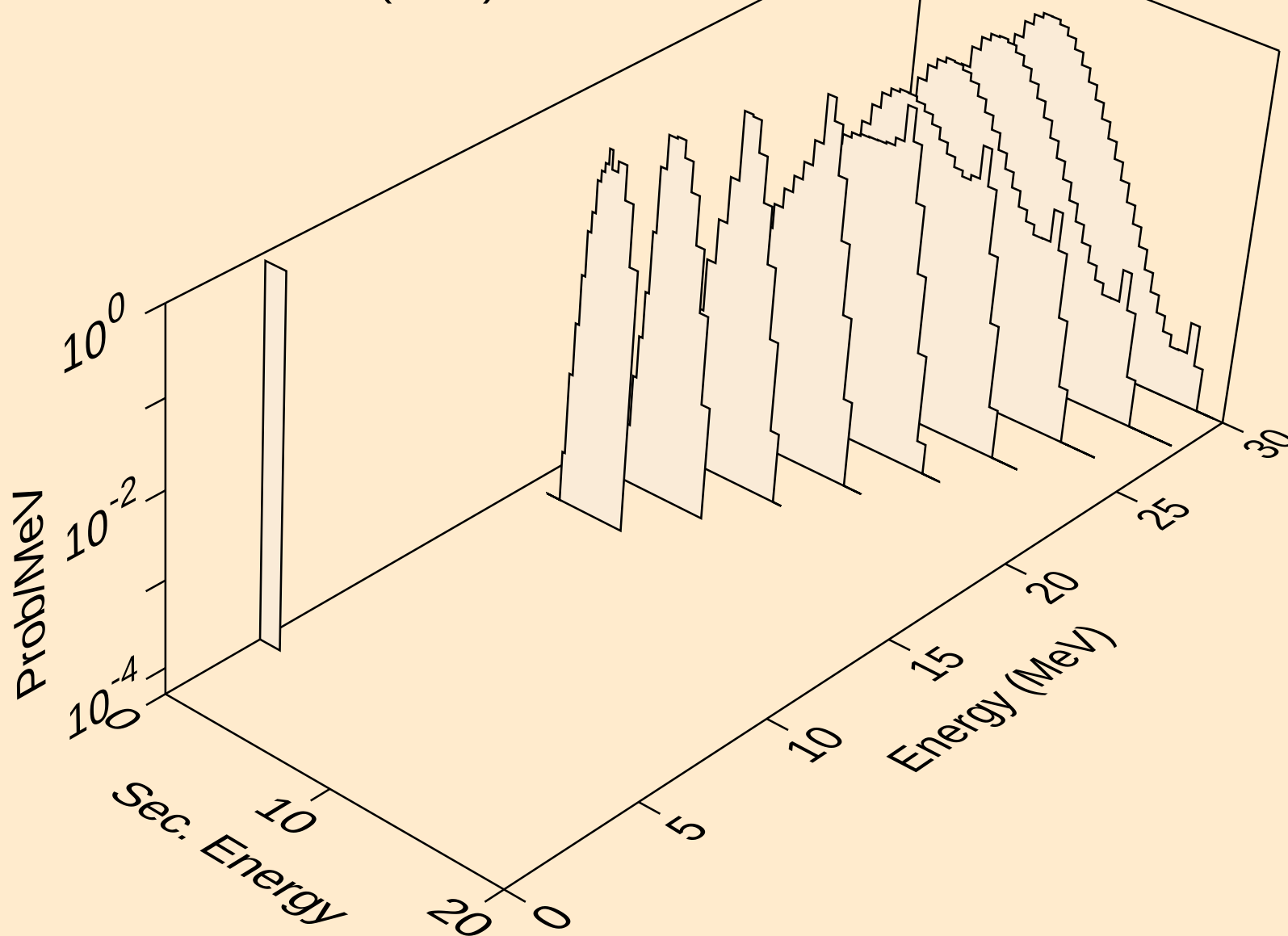
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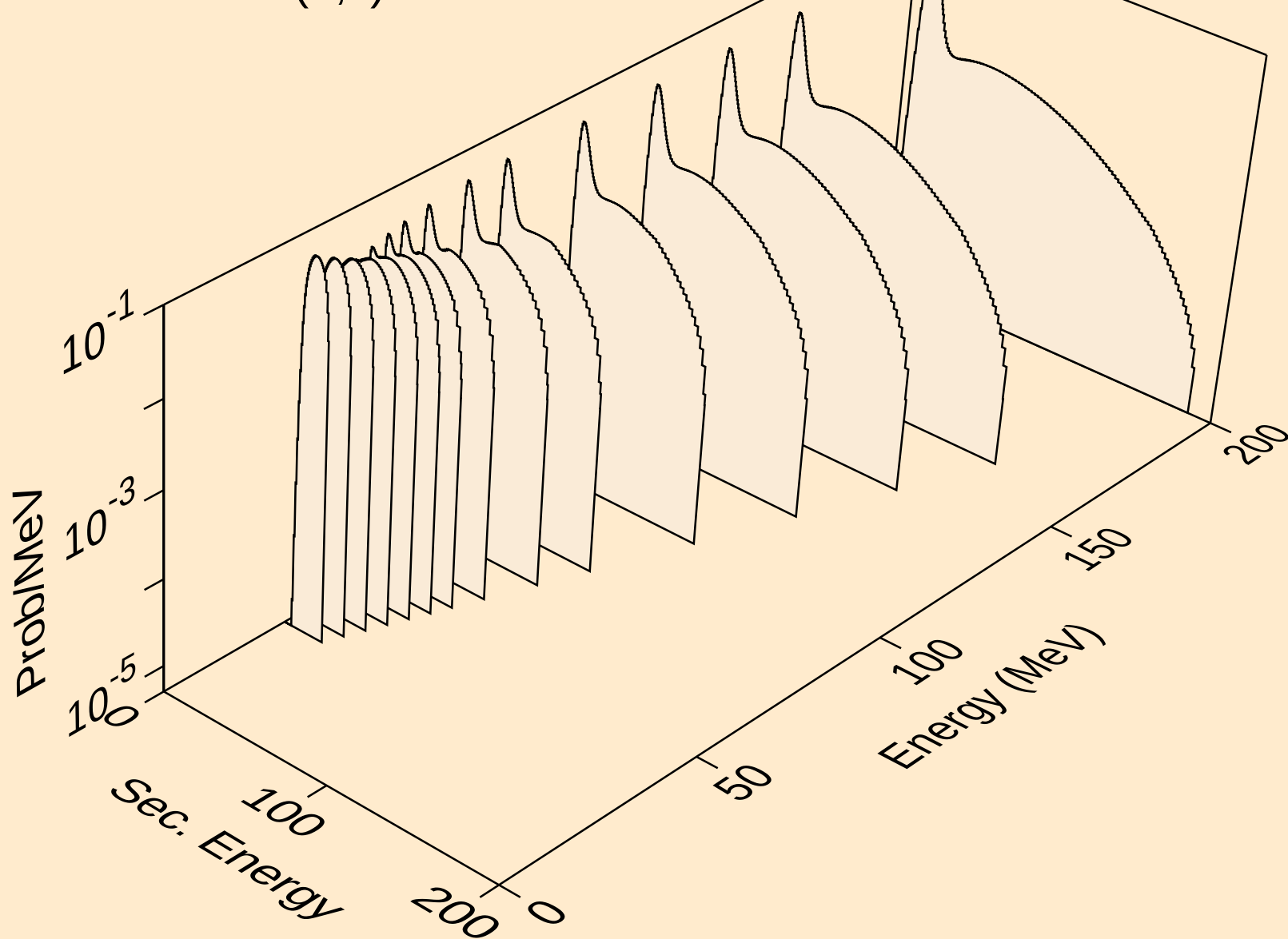
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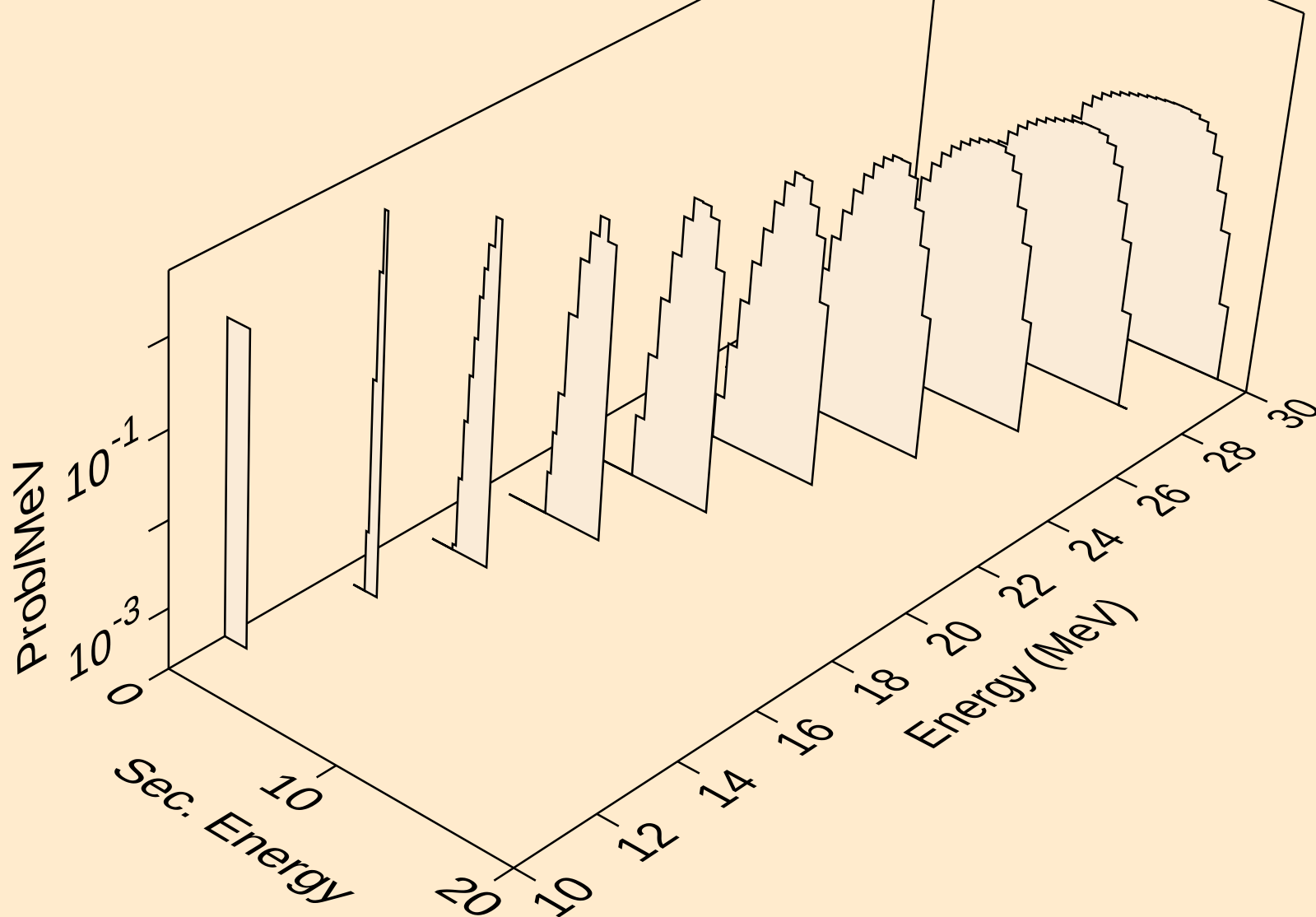
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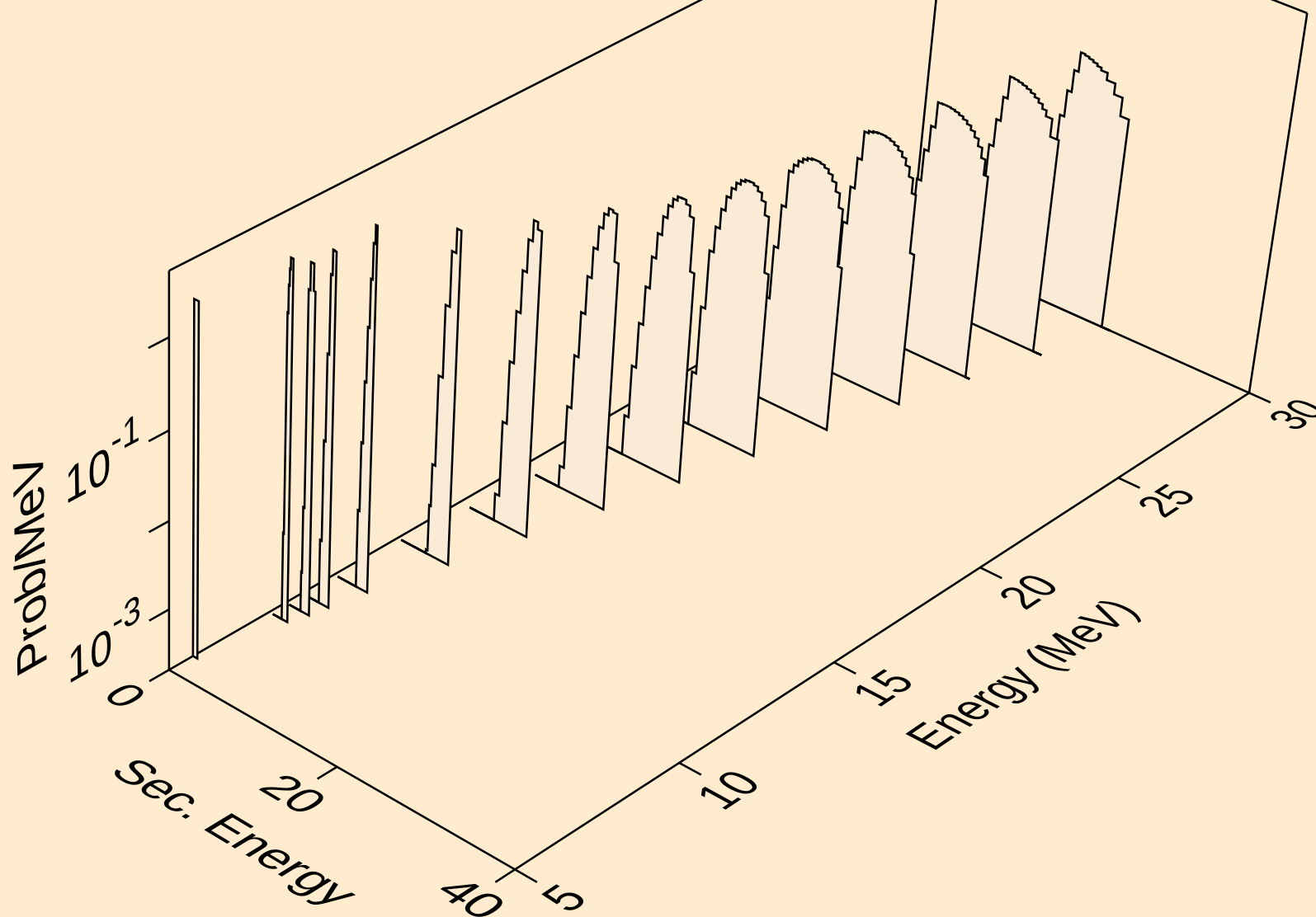
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



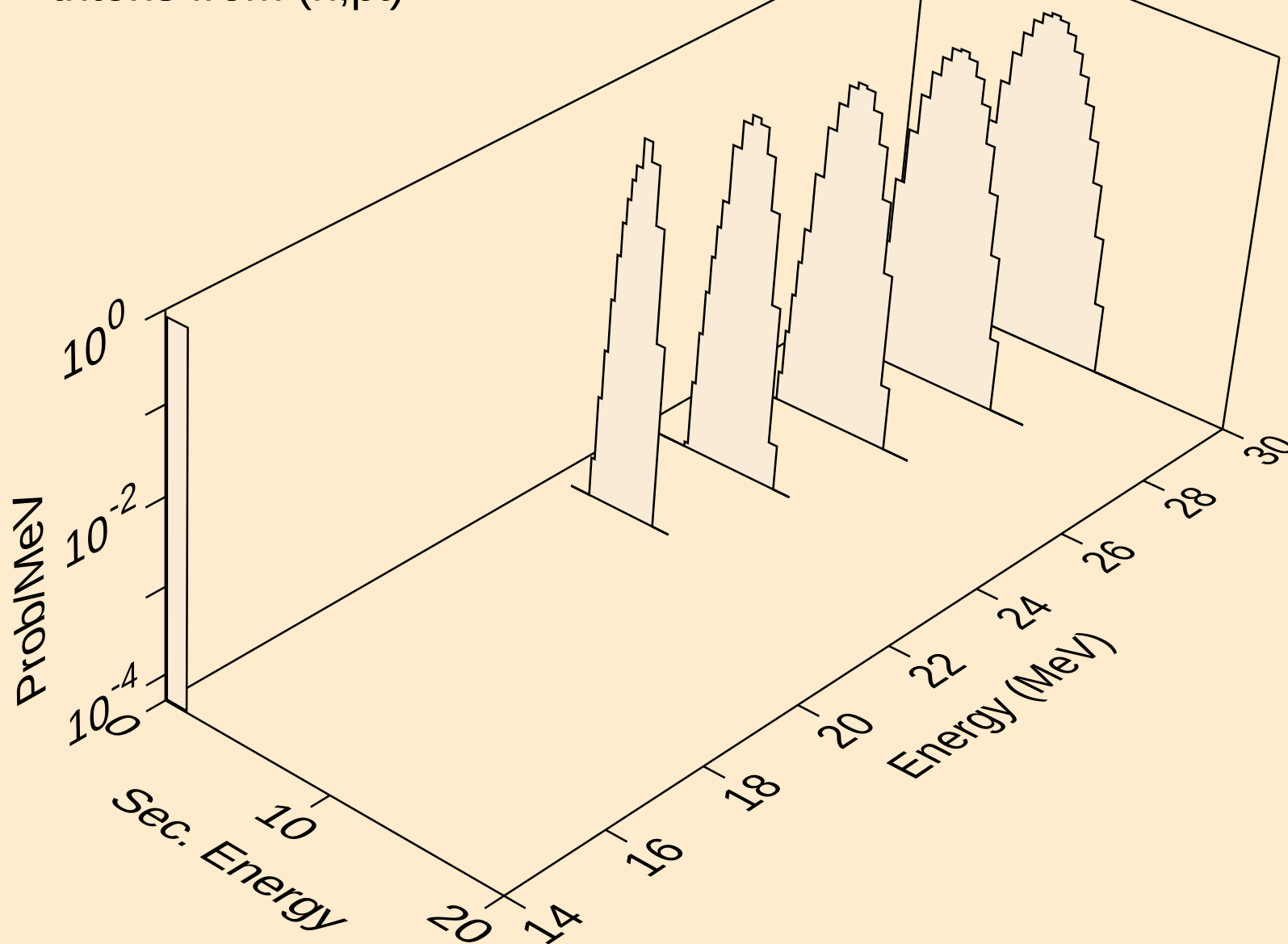
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



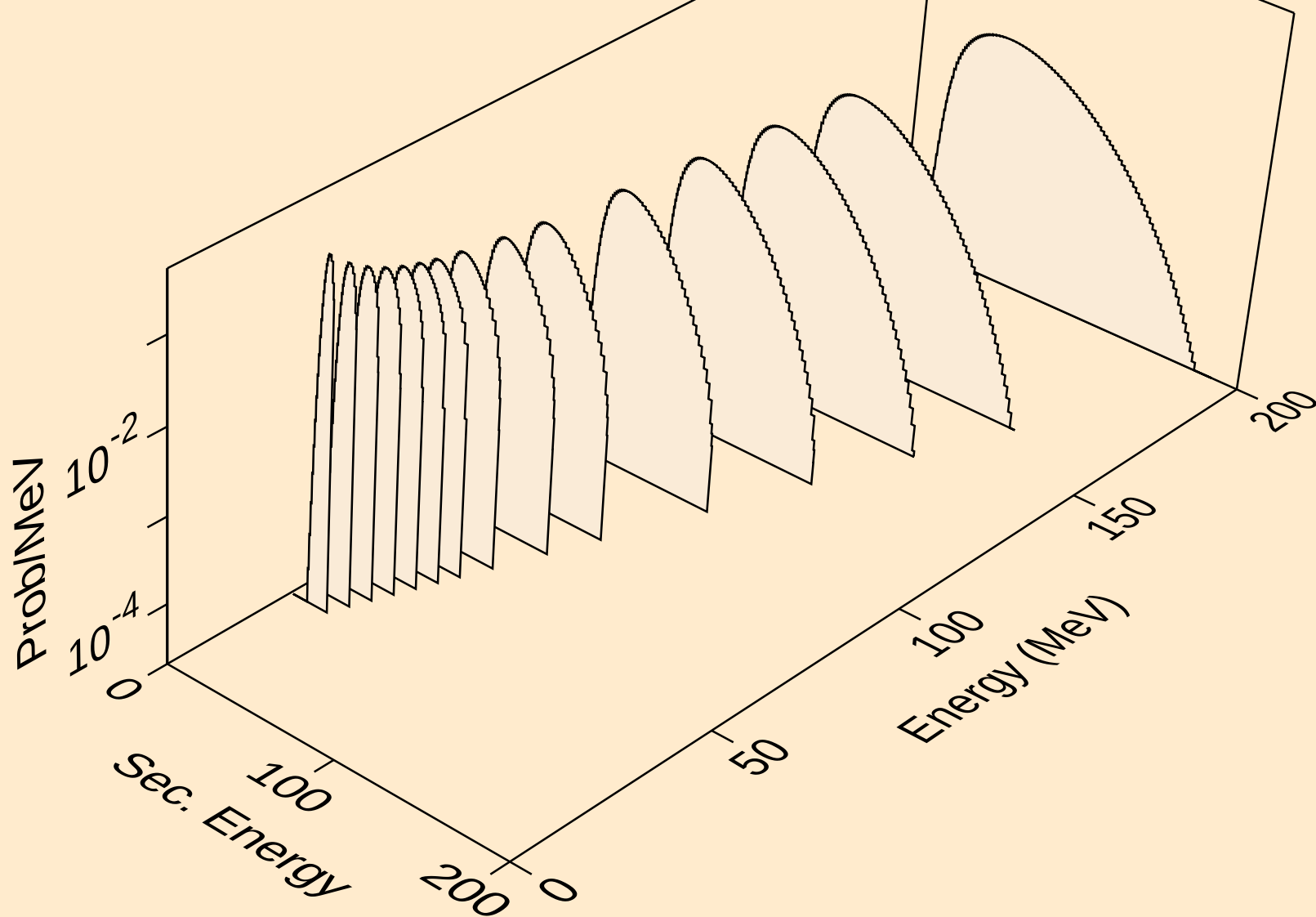
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tritons from (n,t)



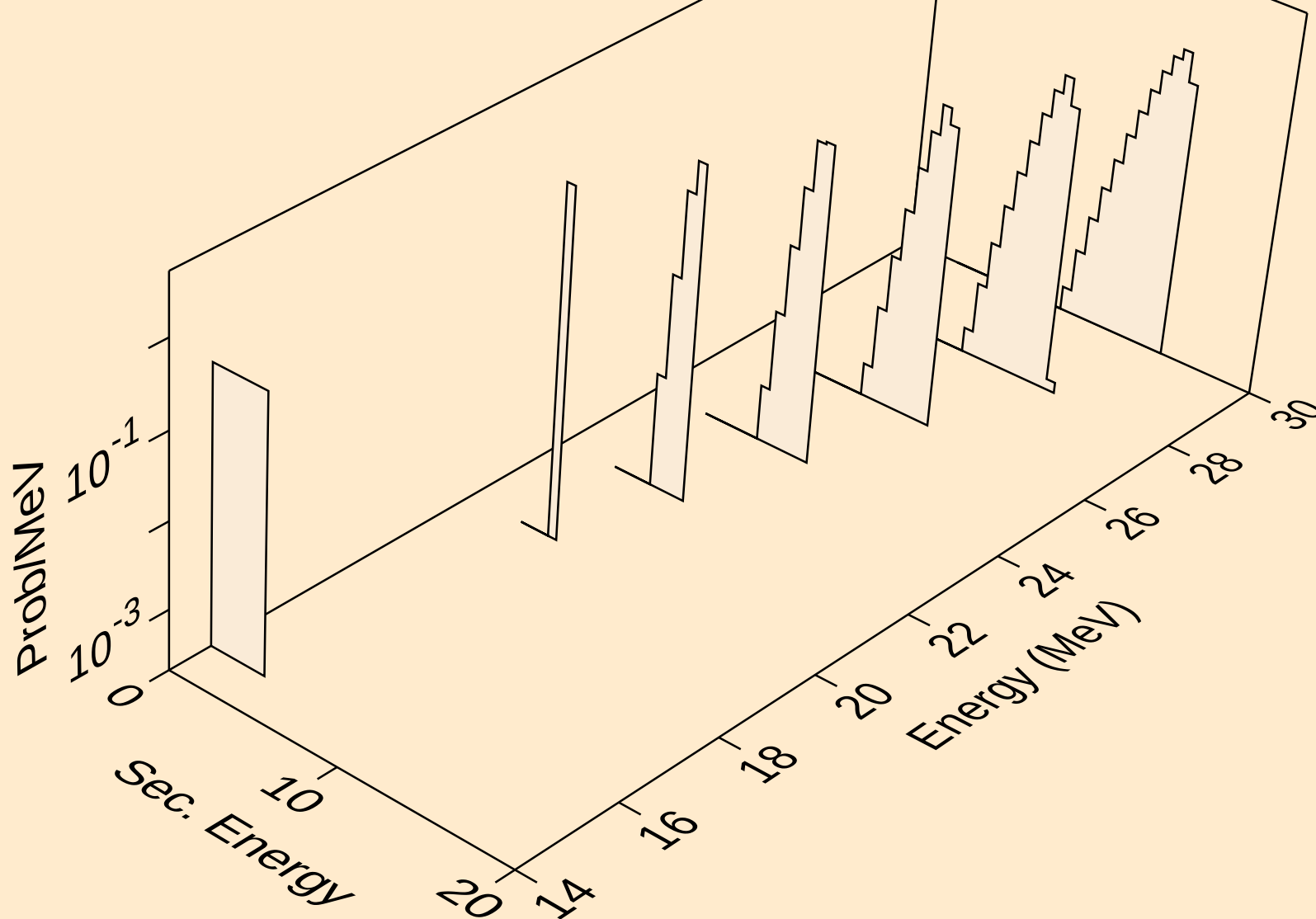
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tritons from (n,pt)



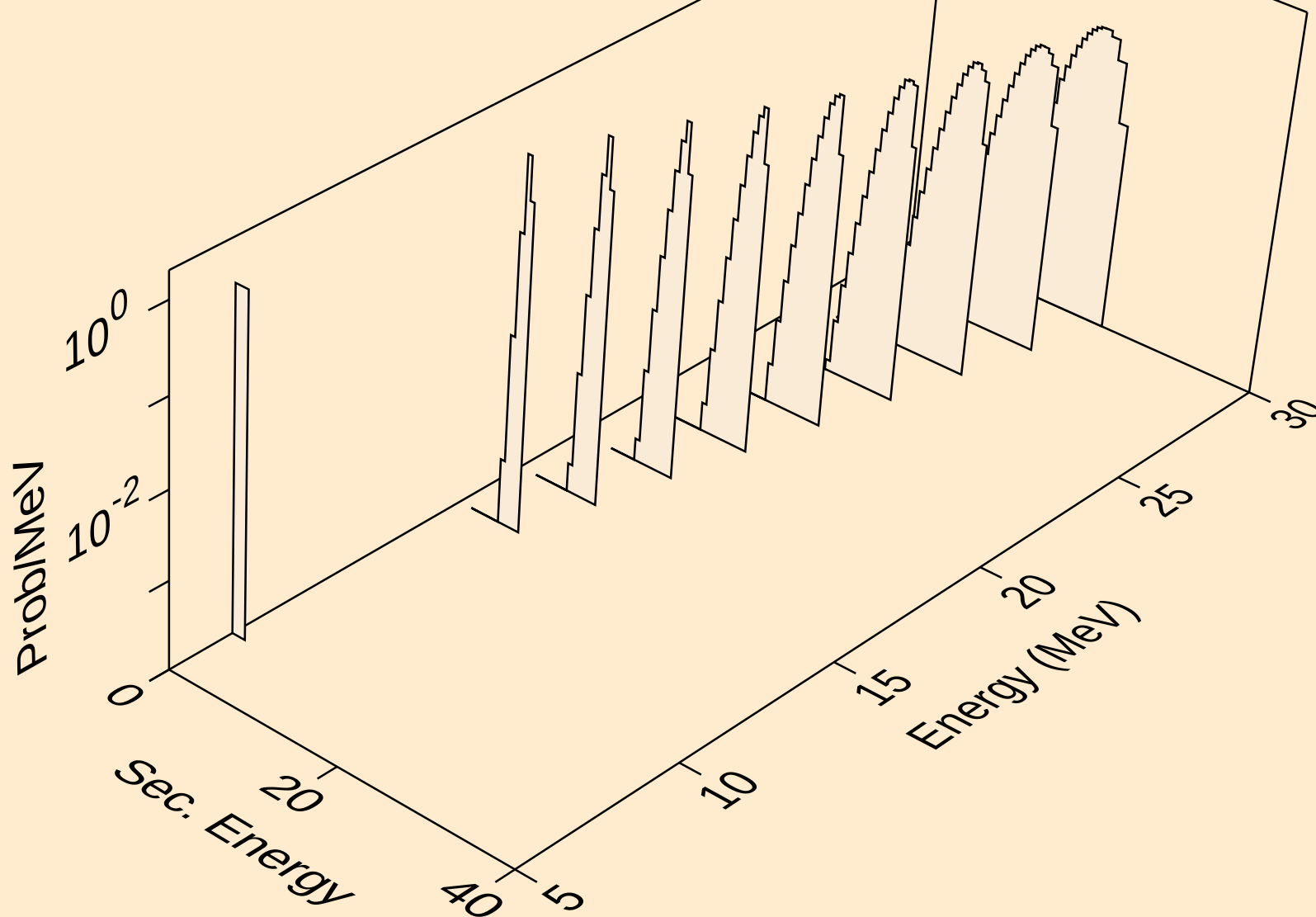
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



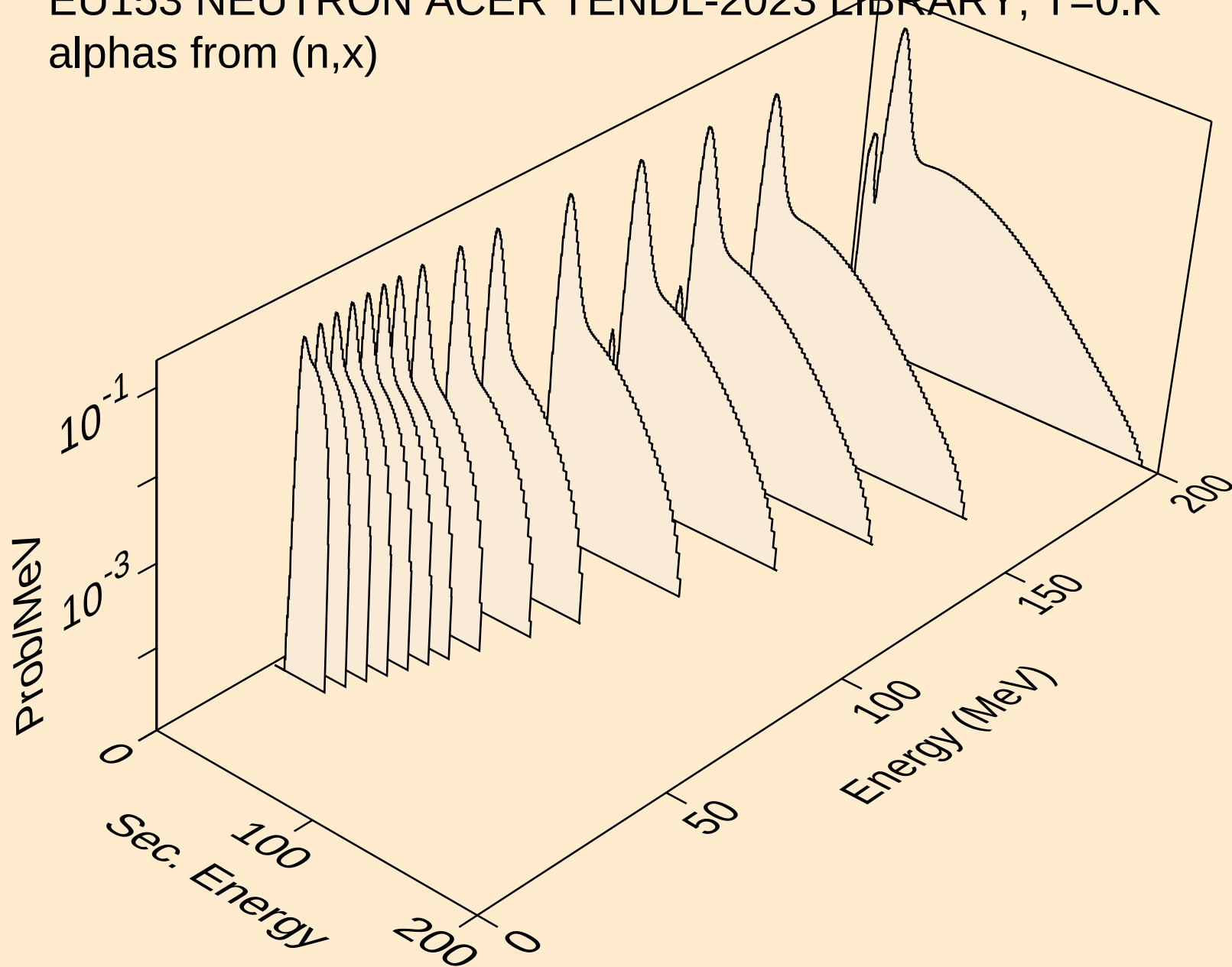
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



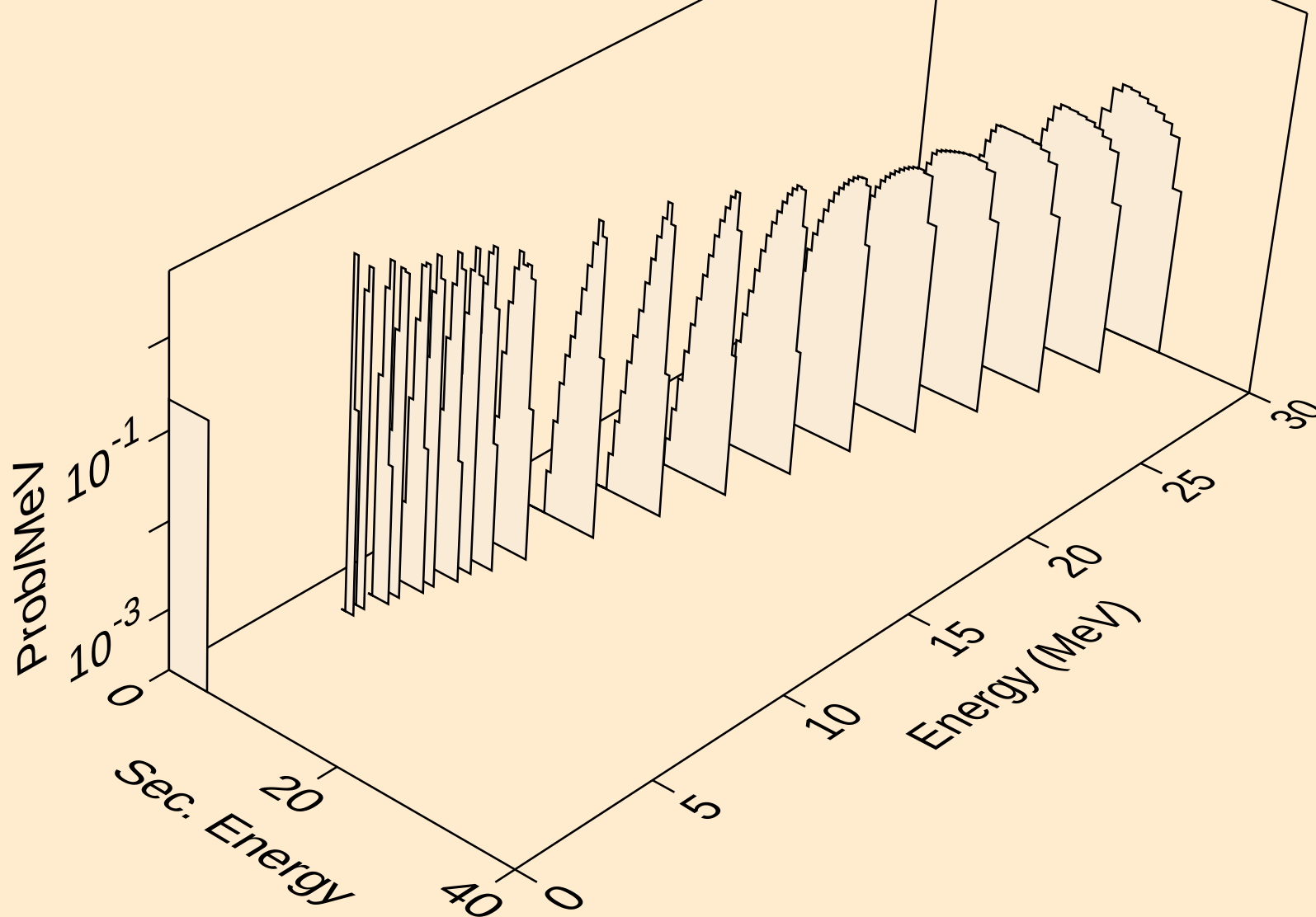
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he3s from (n,he3)



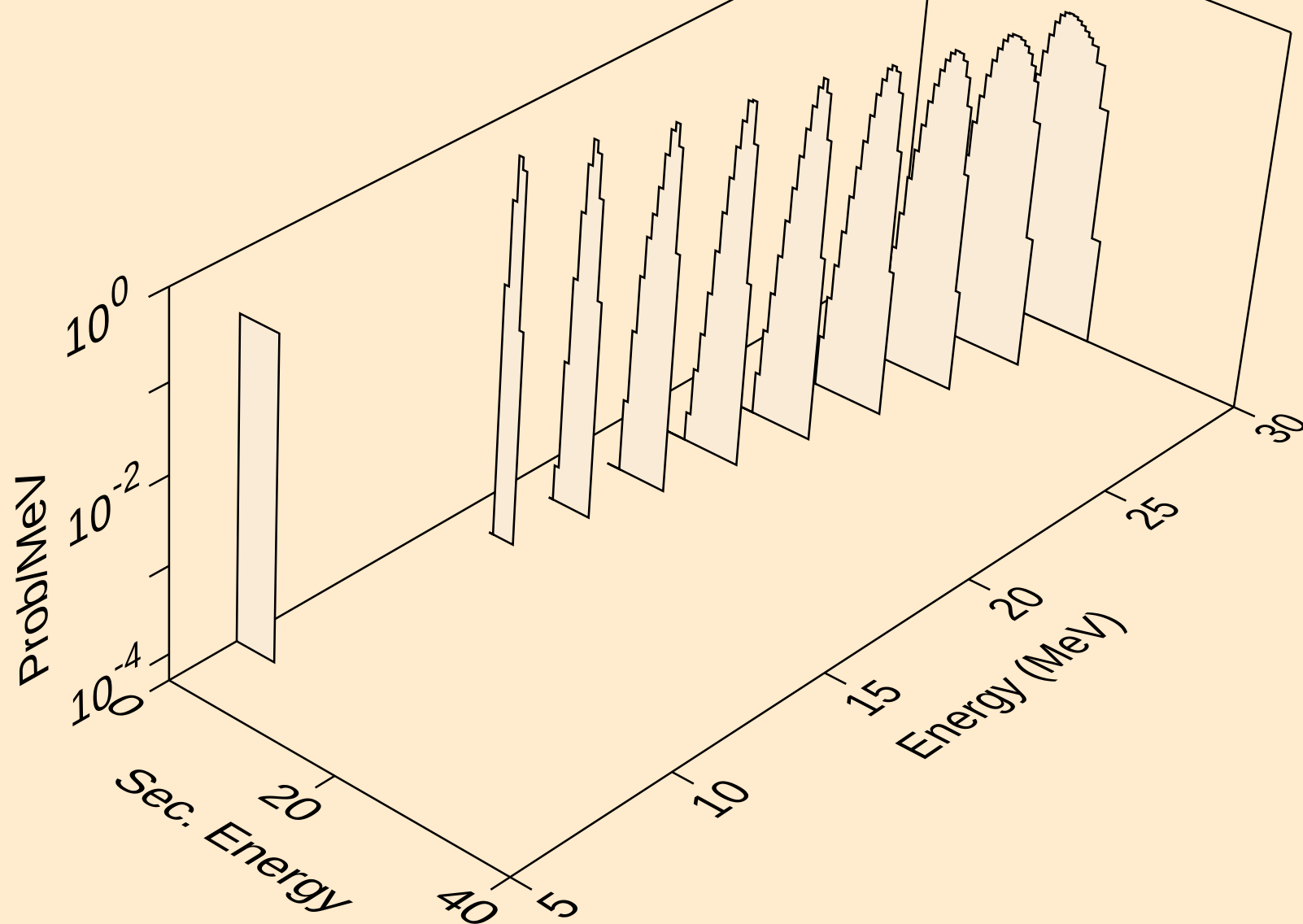
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



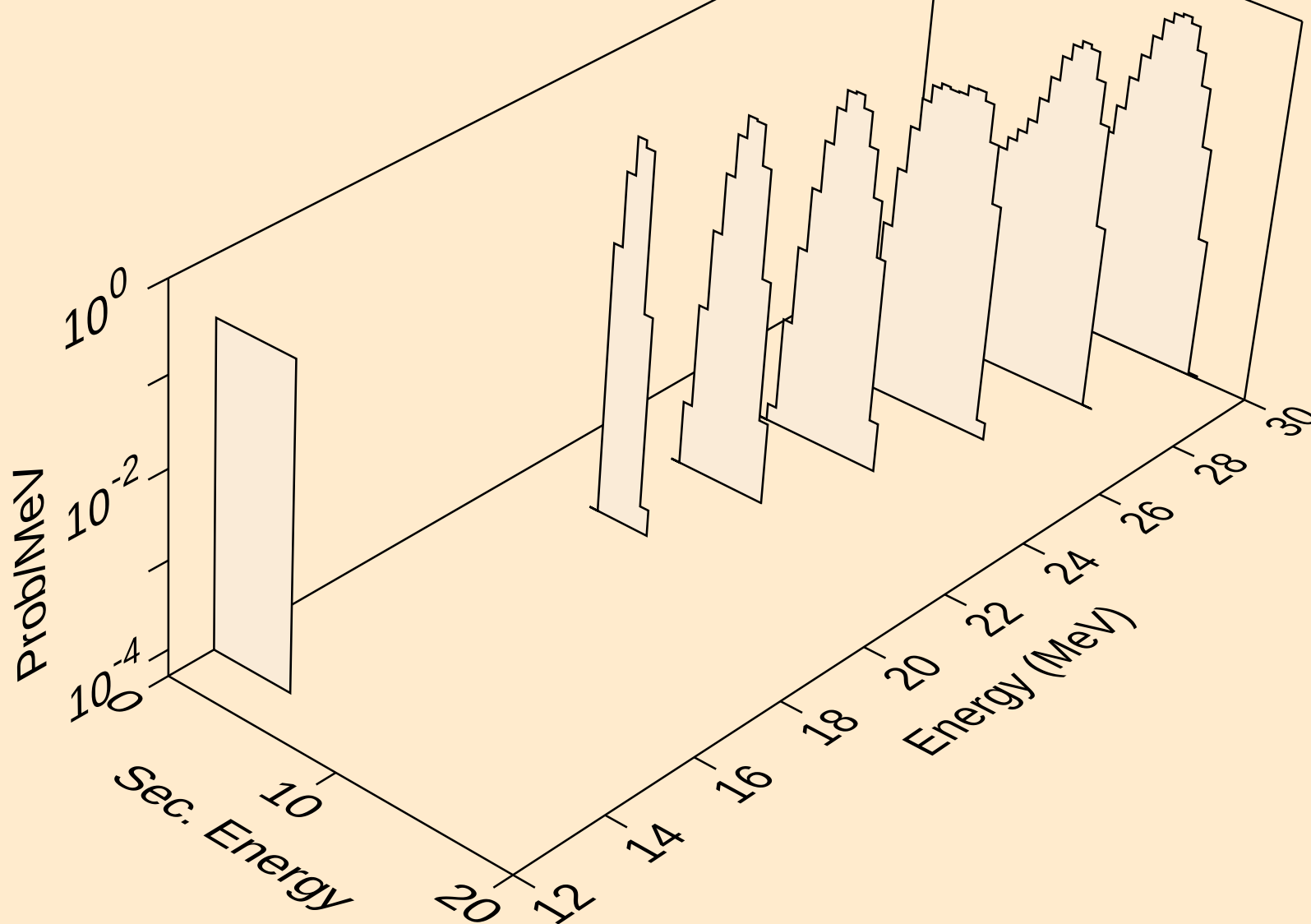
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alphas from (n,n*)a



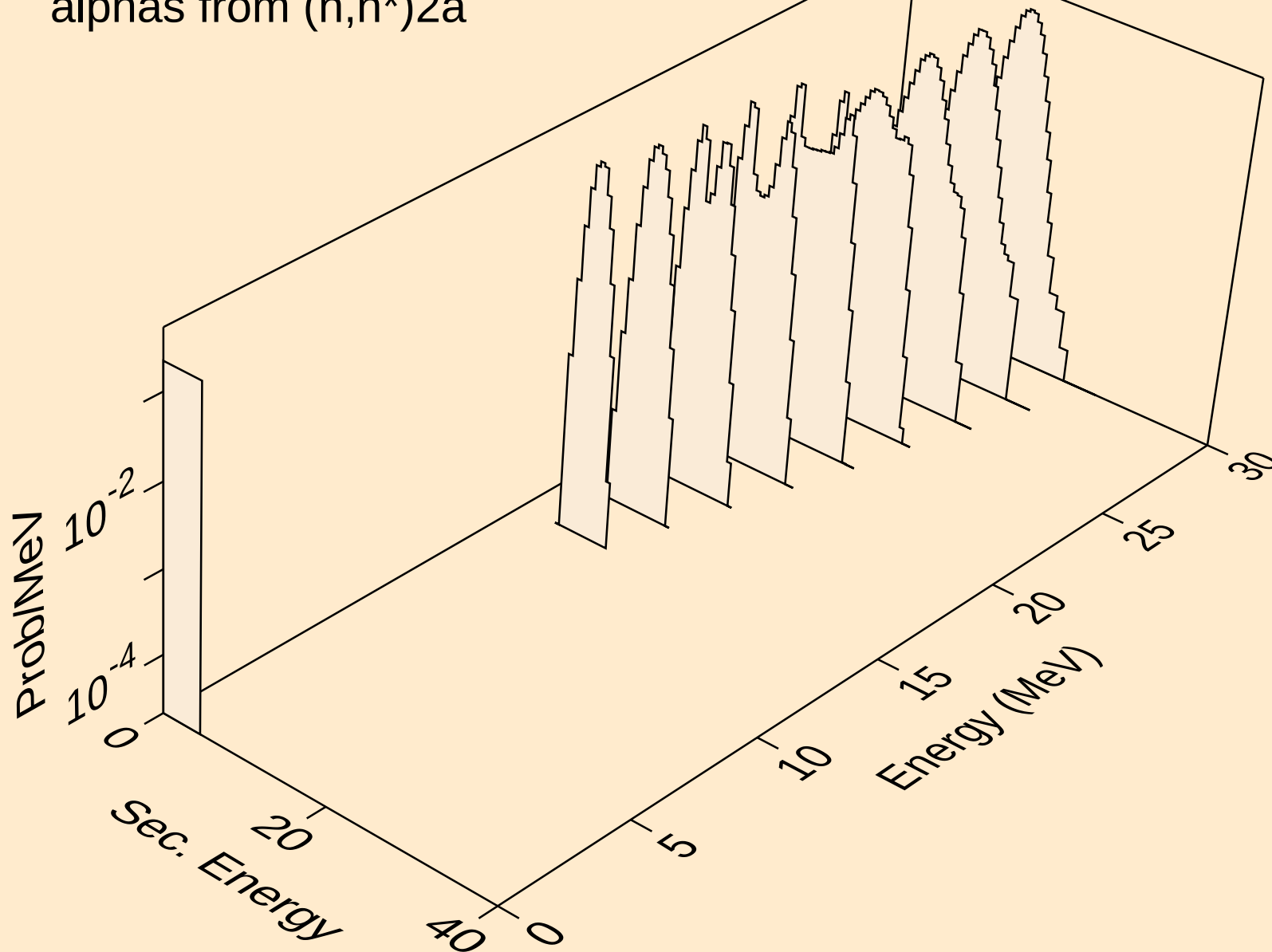
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



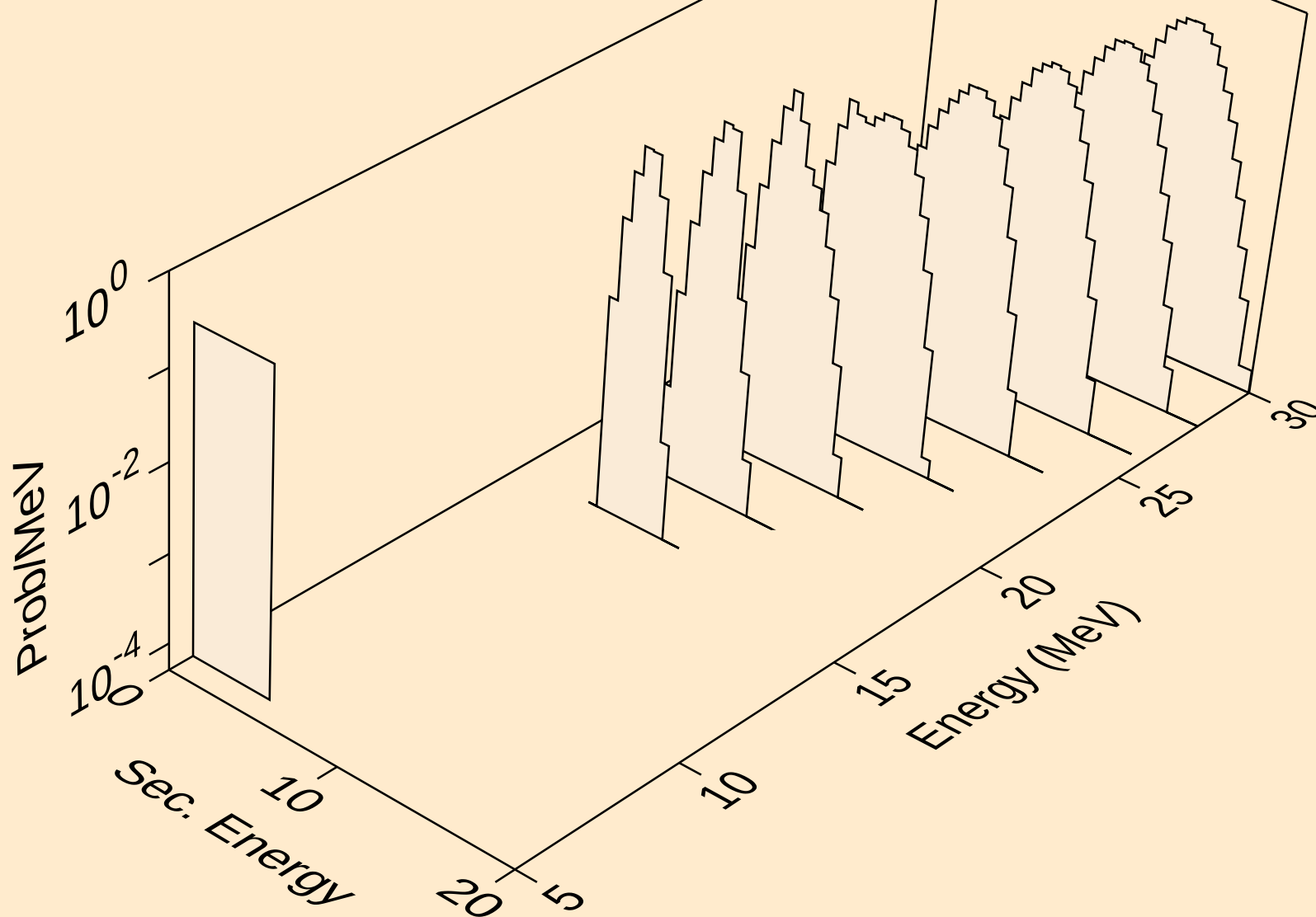
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



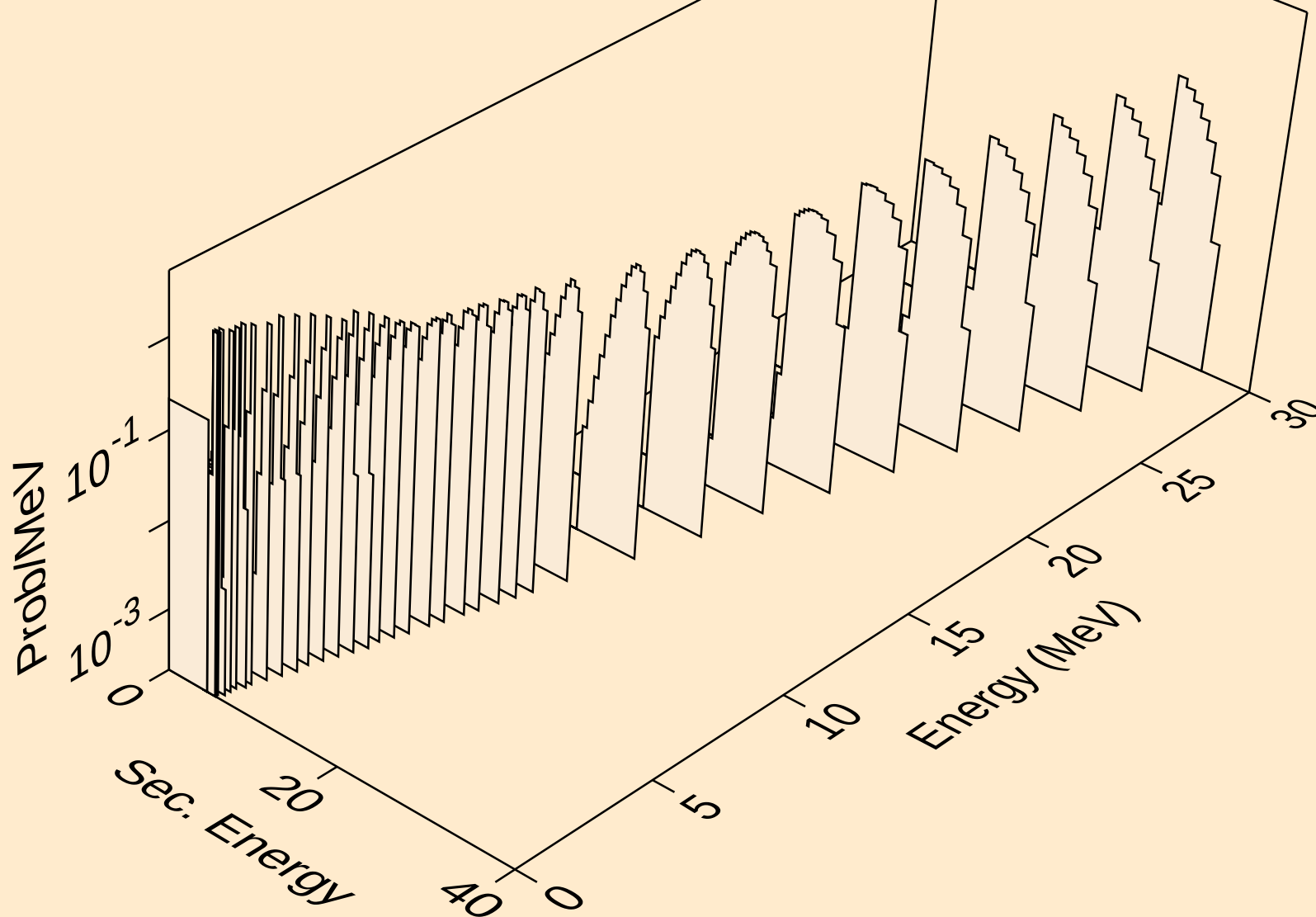
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



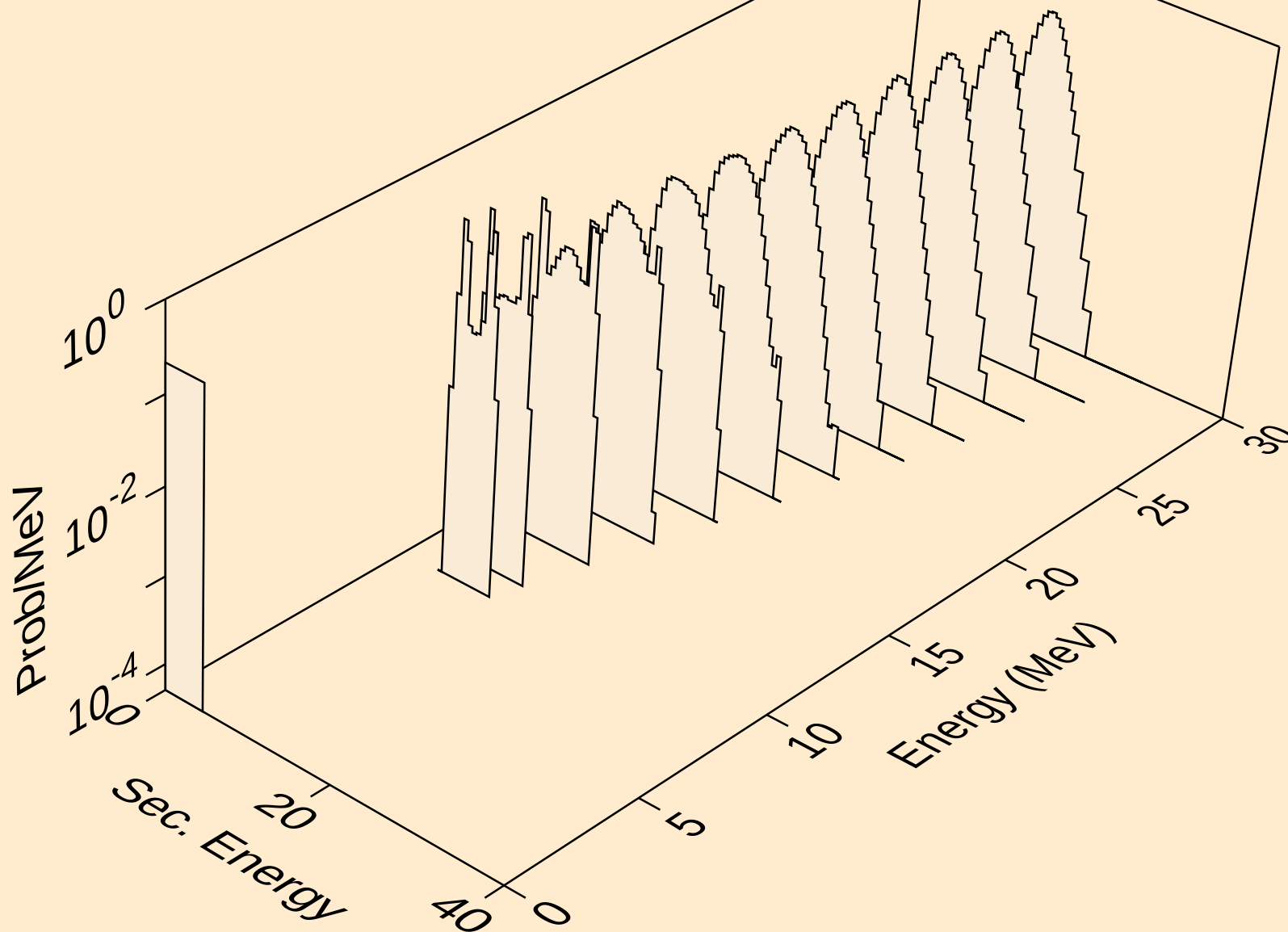
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alphas from (n,npa)



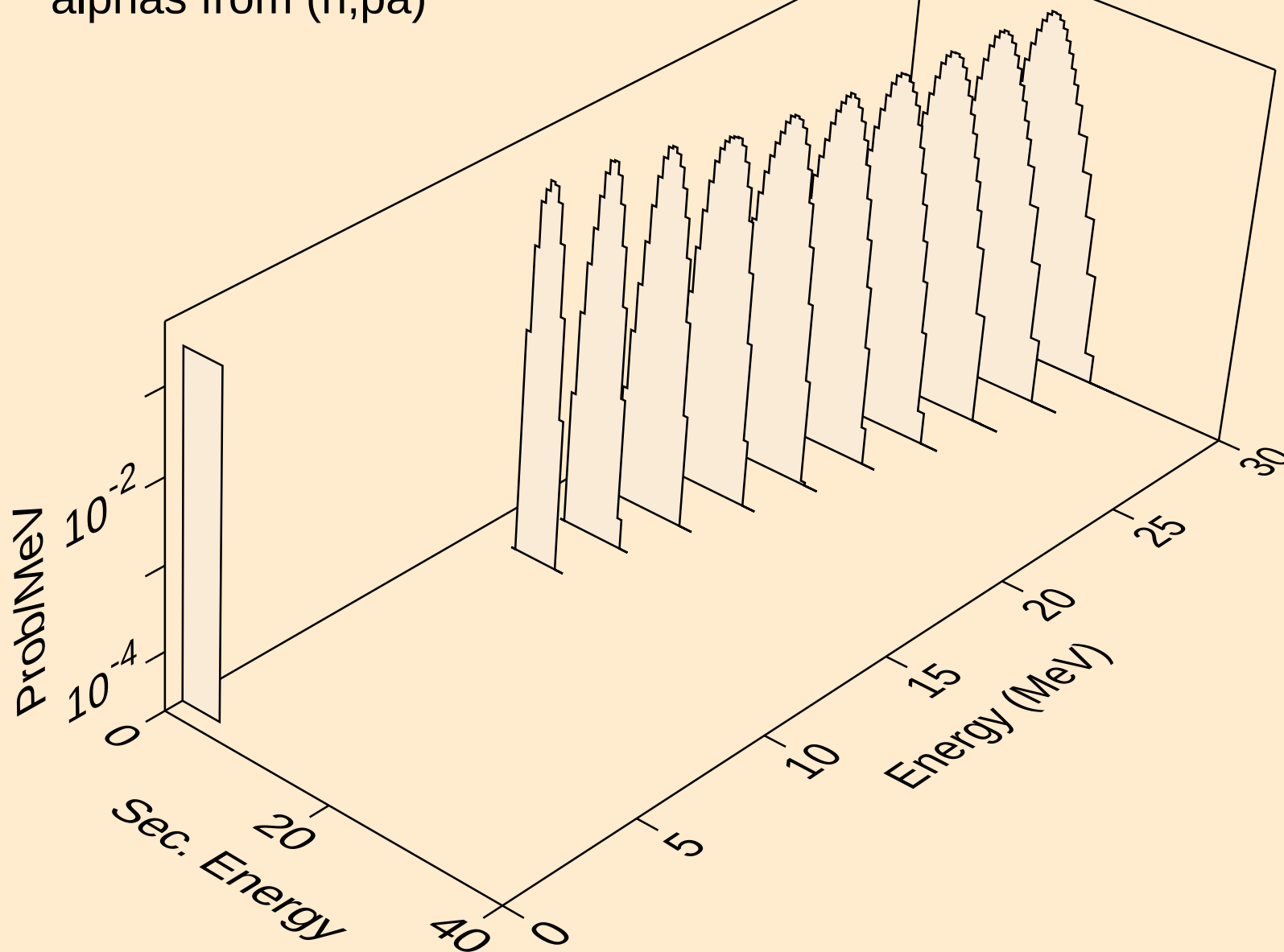
EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



EU153 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

