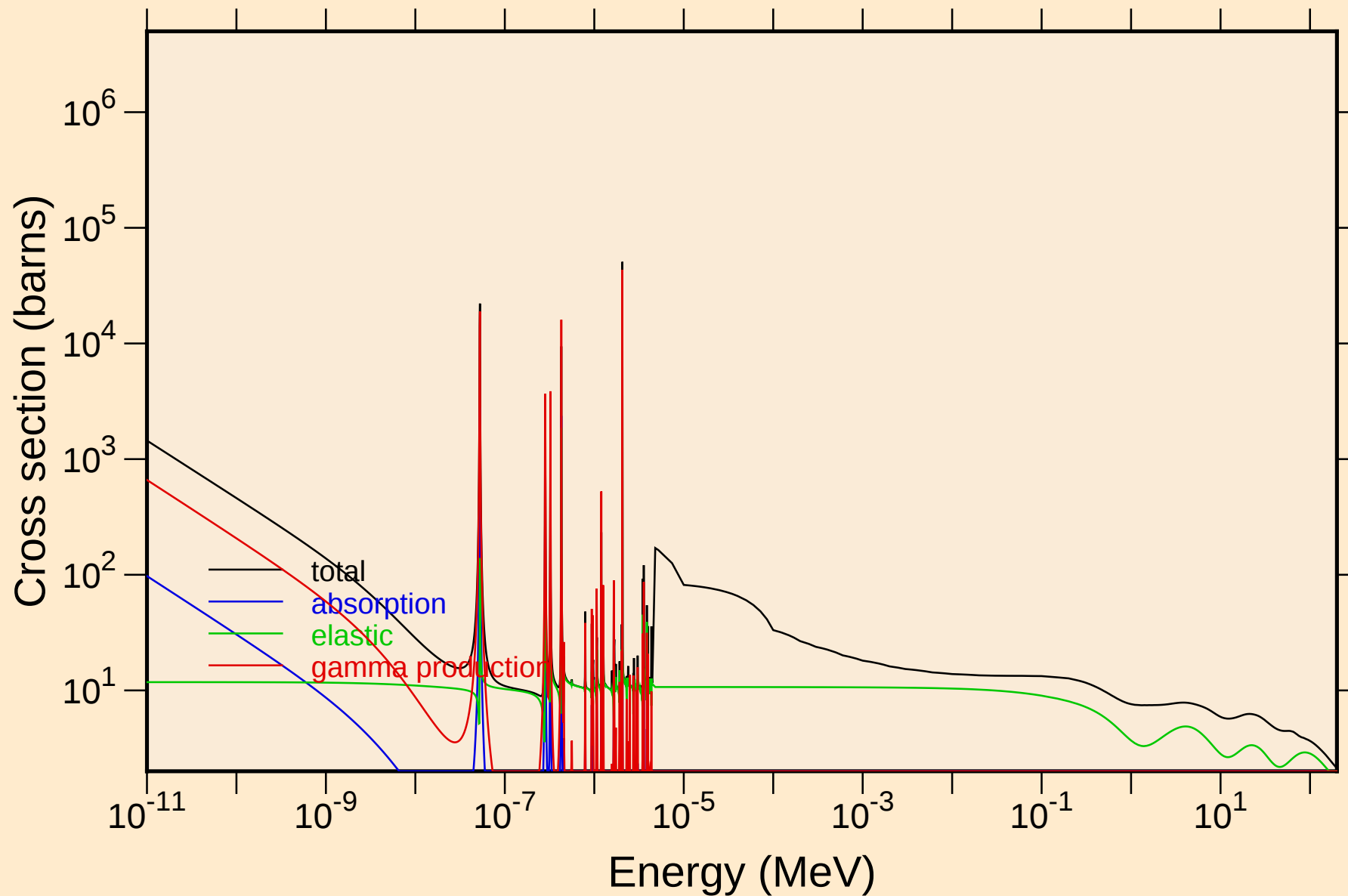
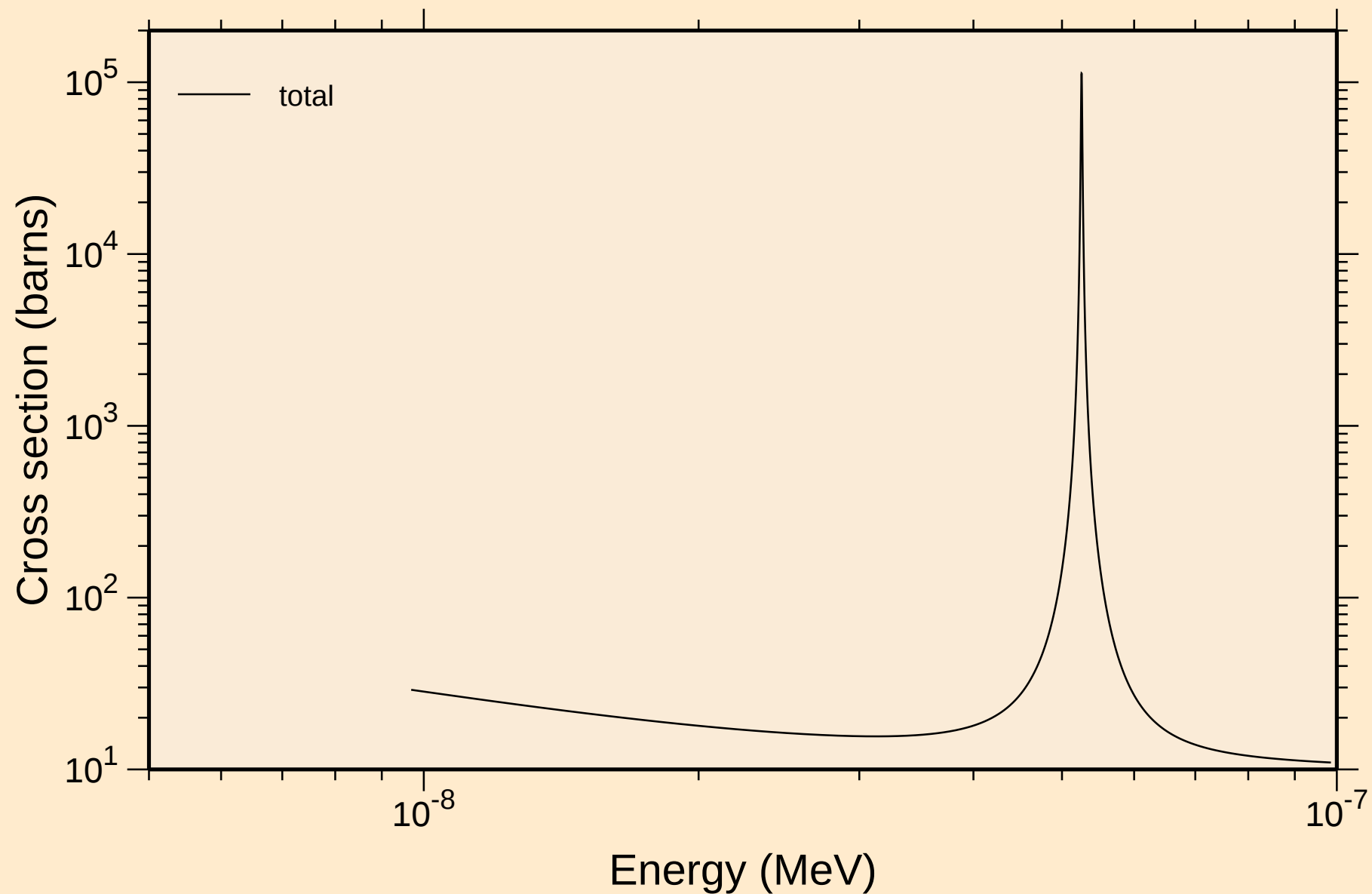


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

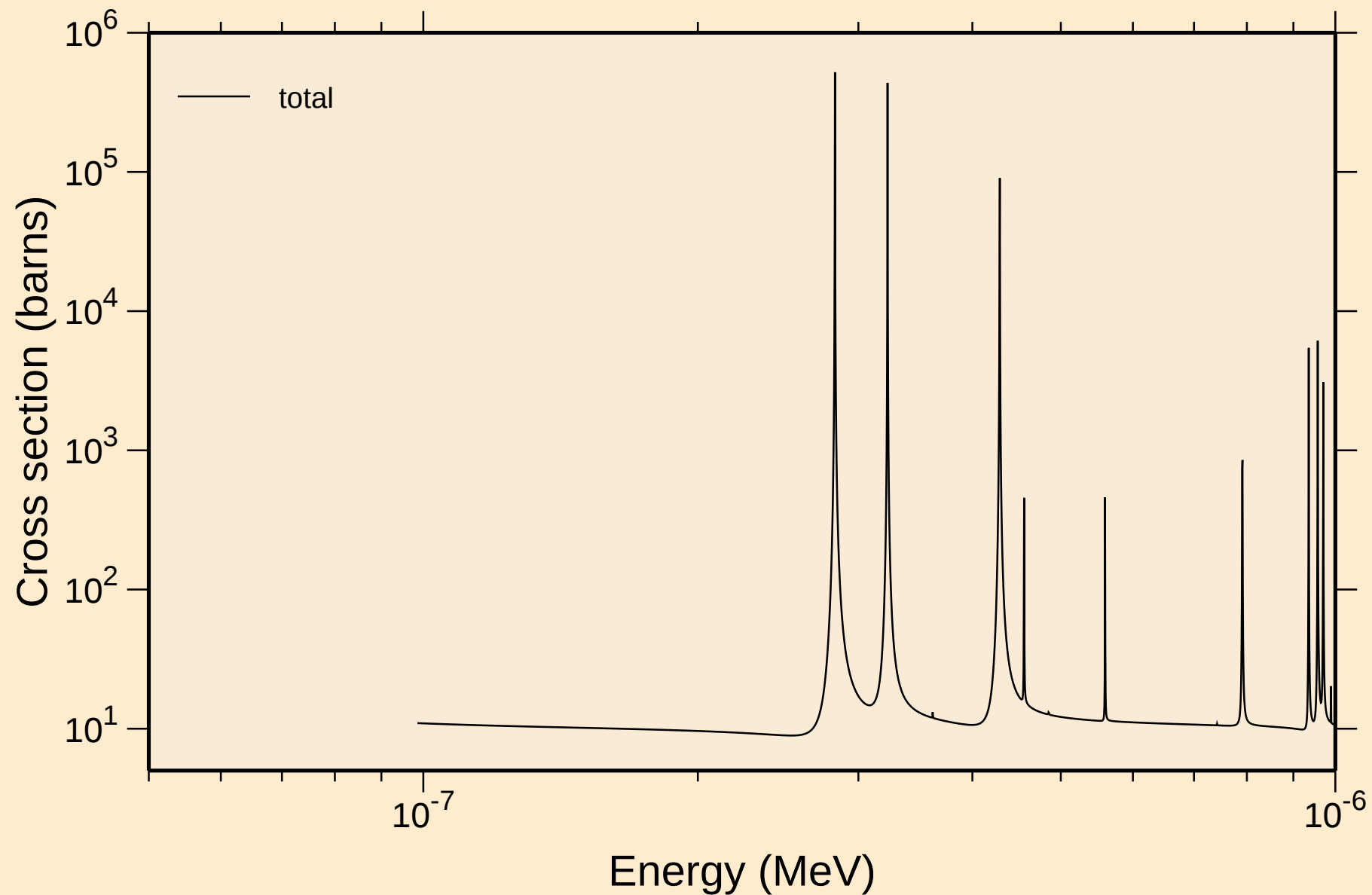
Principal cross sections



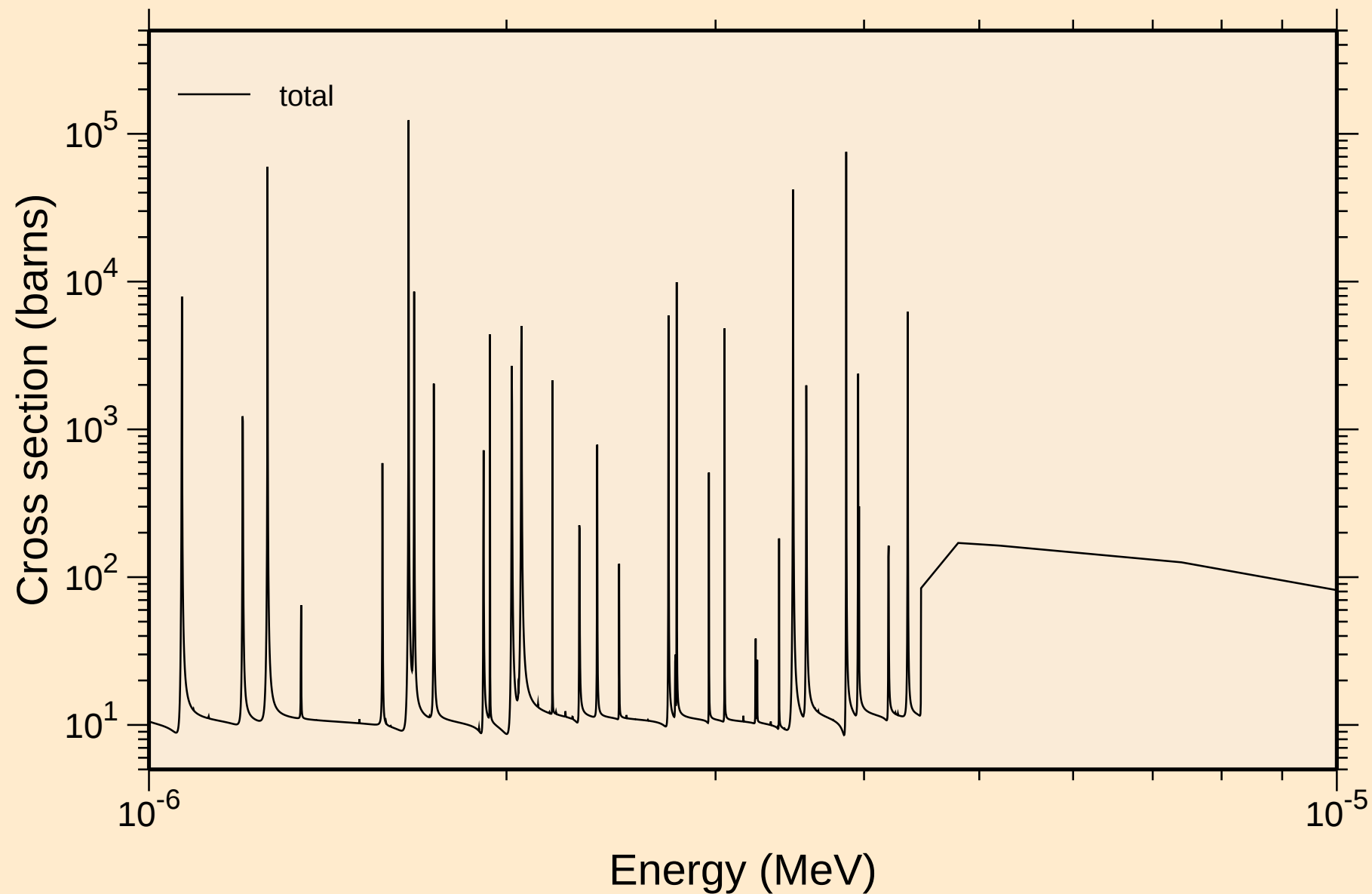
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



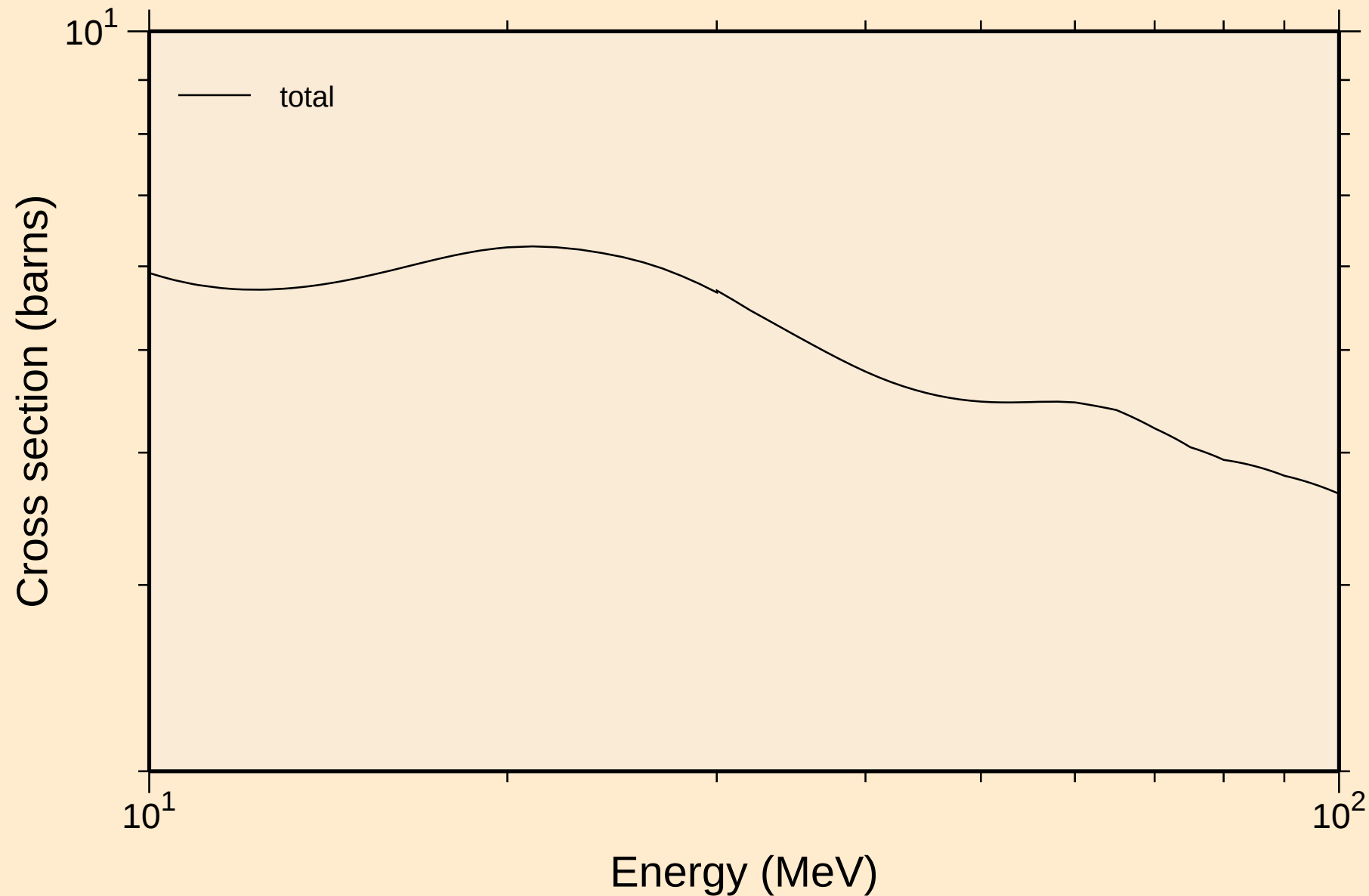
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



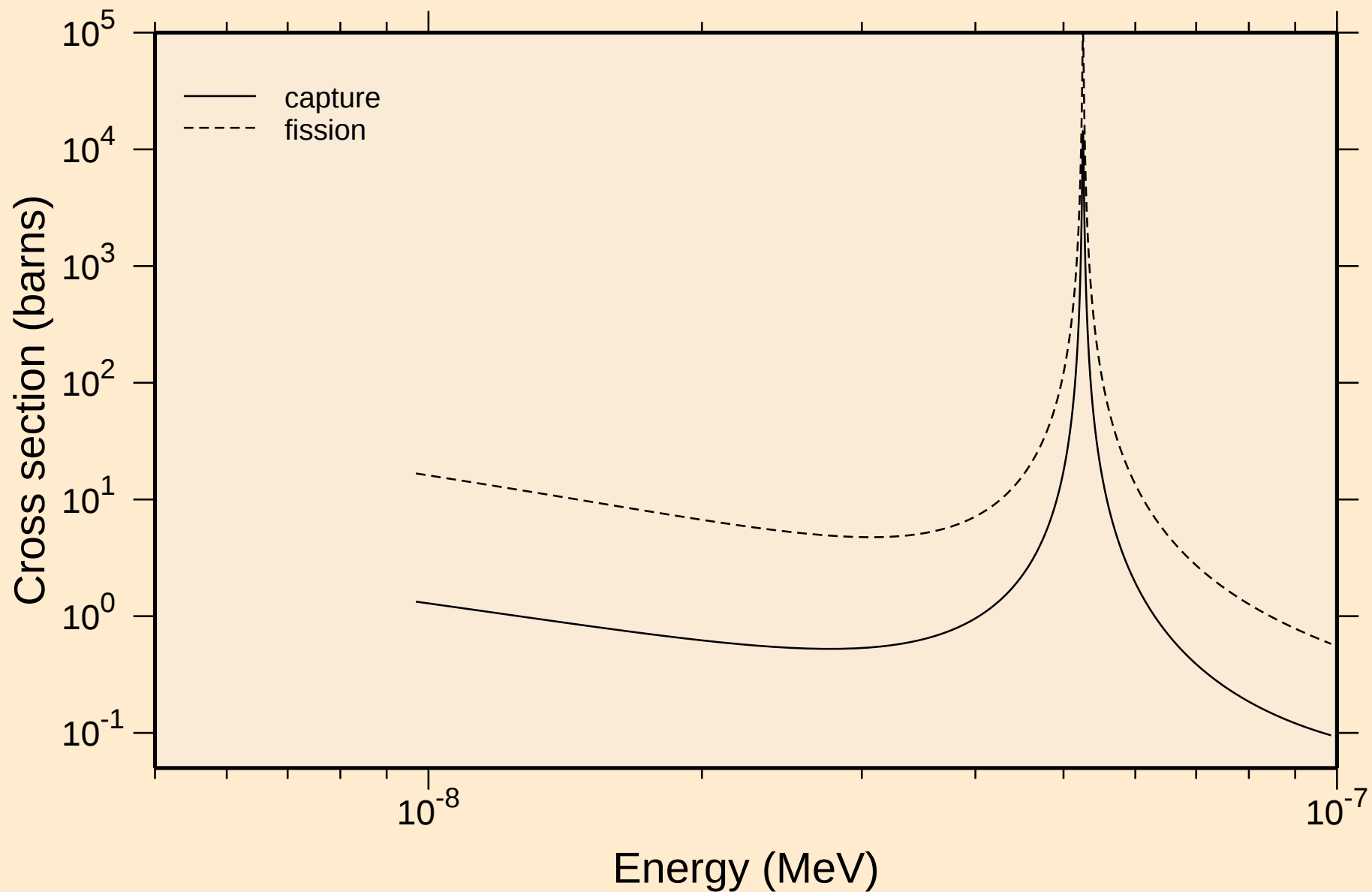
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



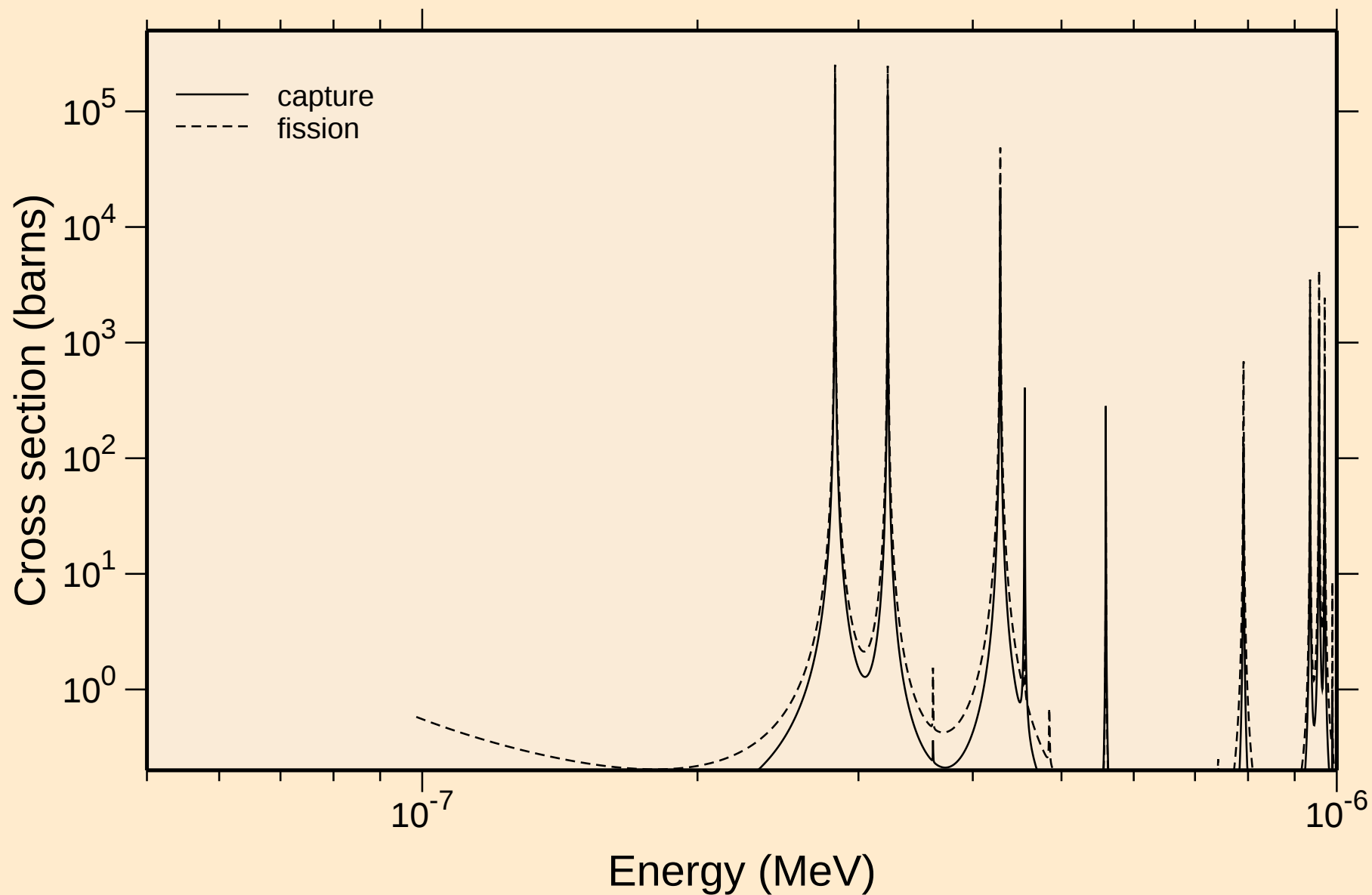
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



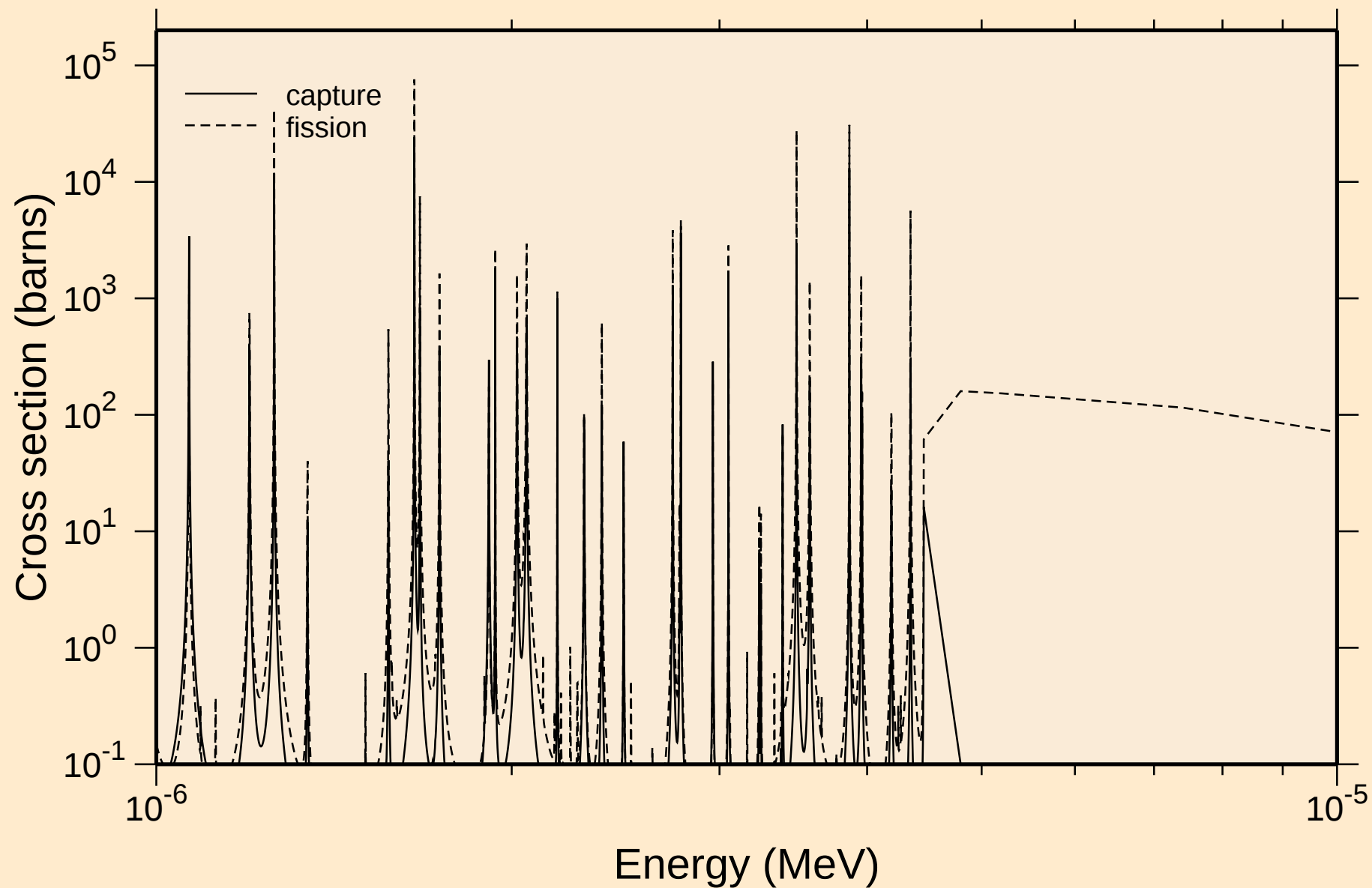
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



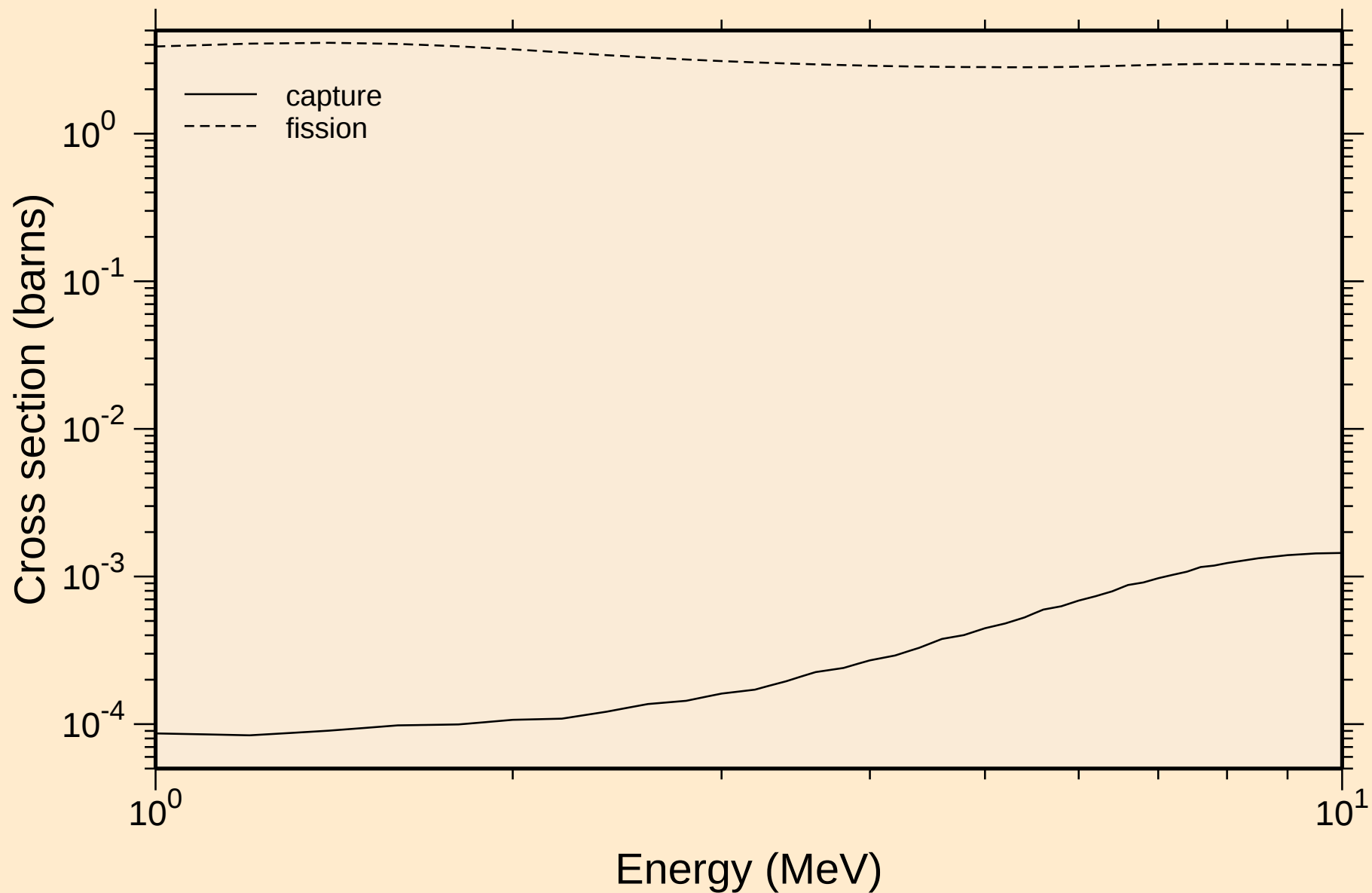
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

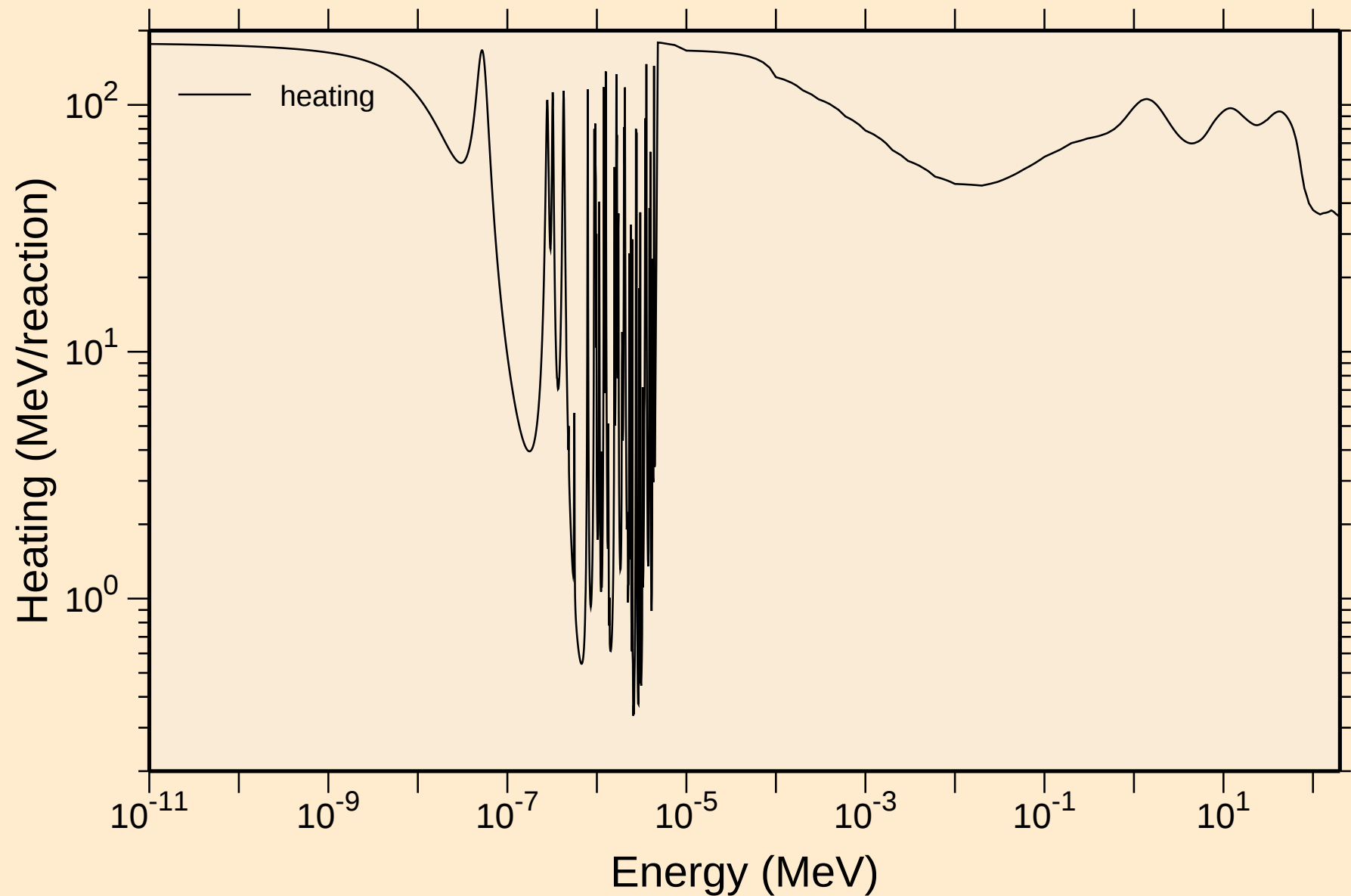


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



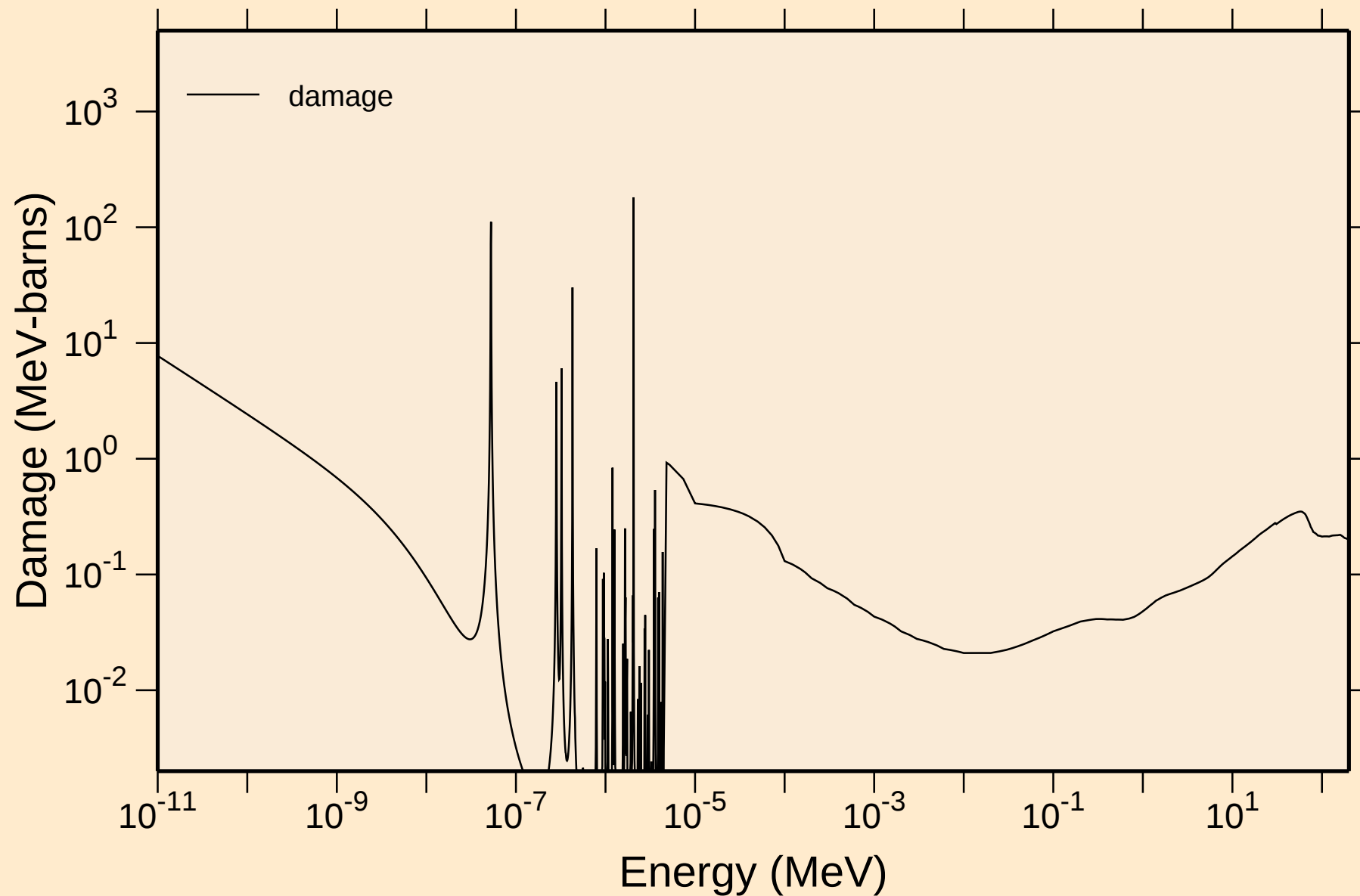
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



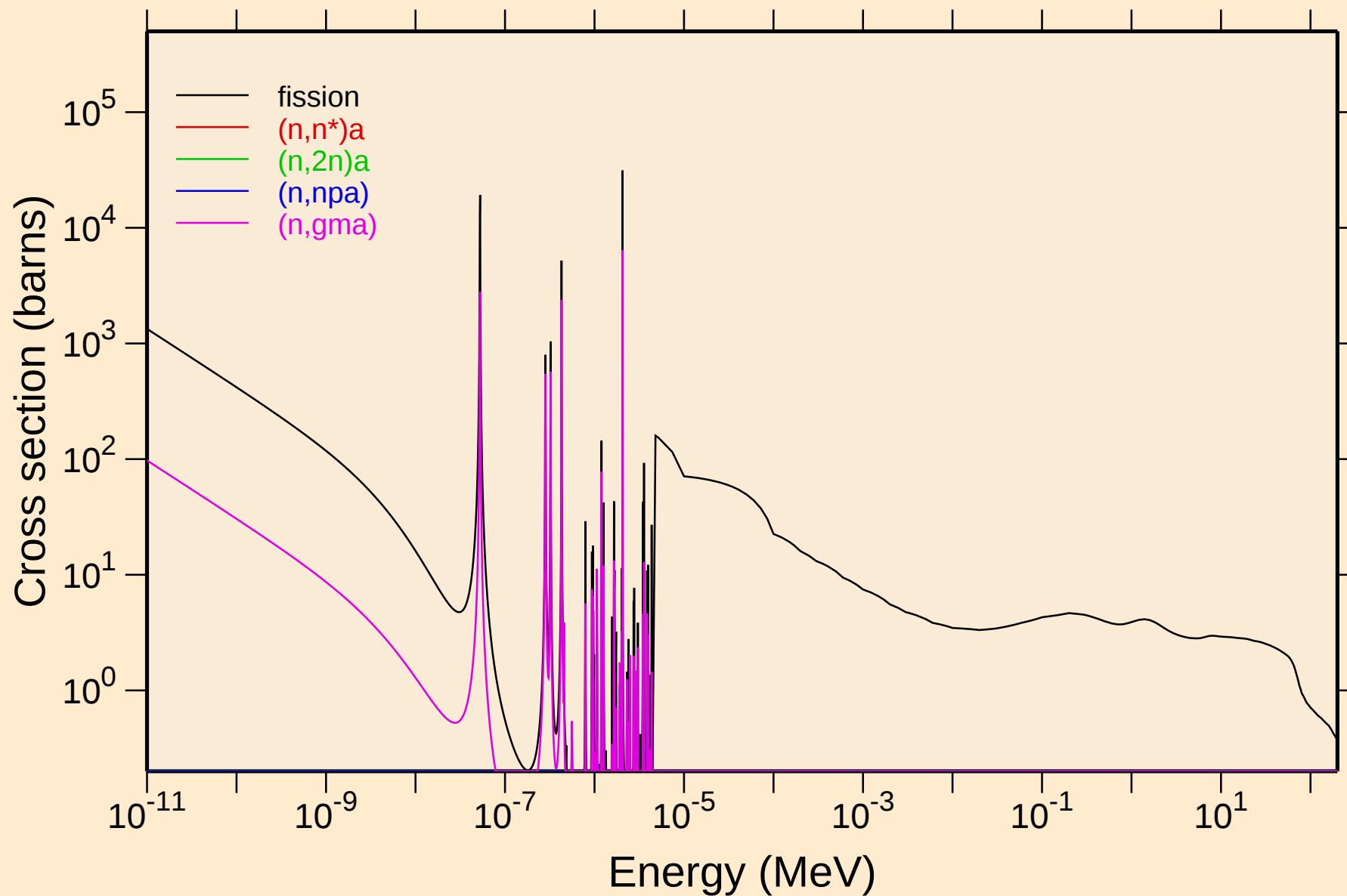
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



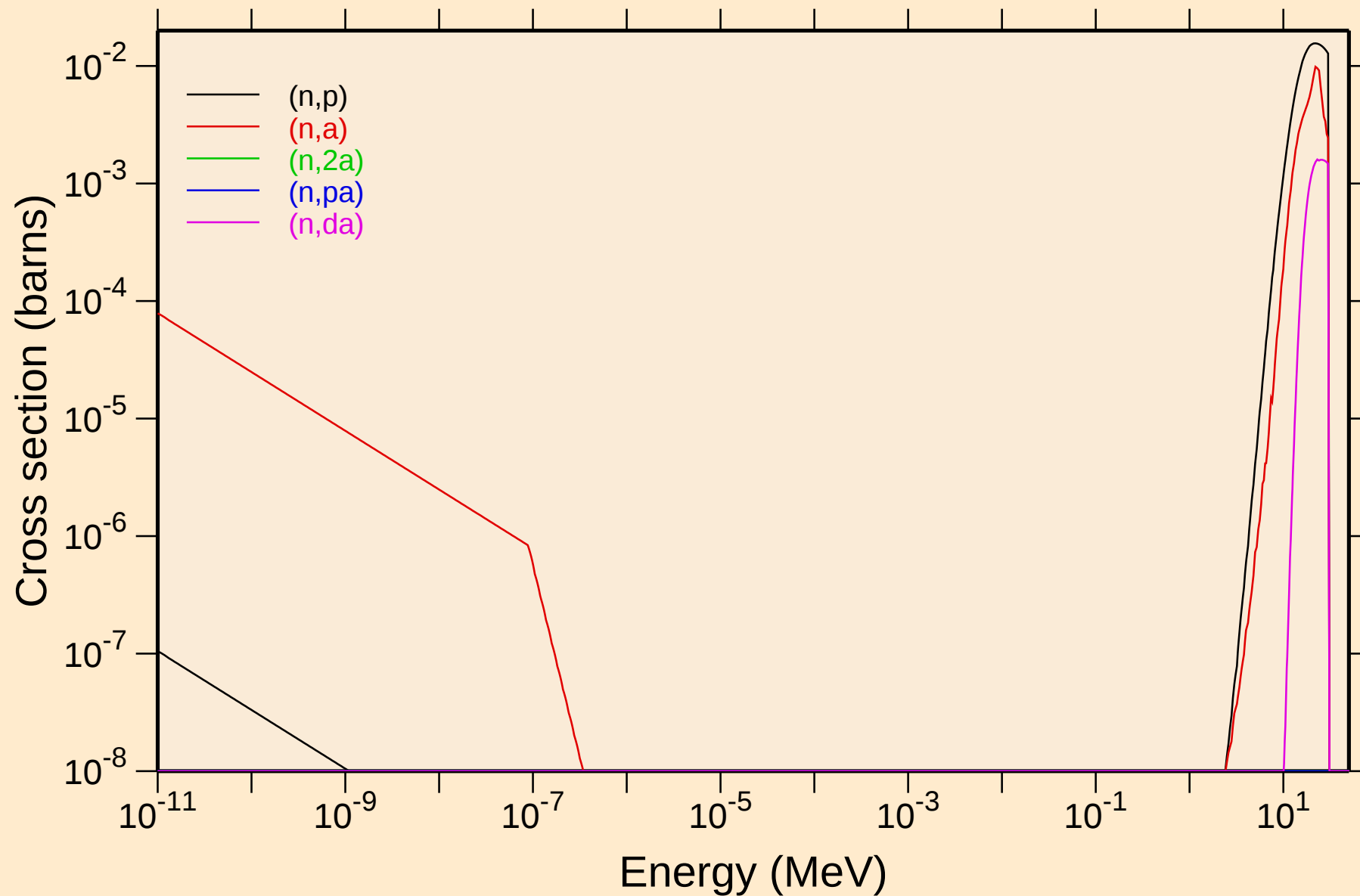
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



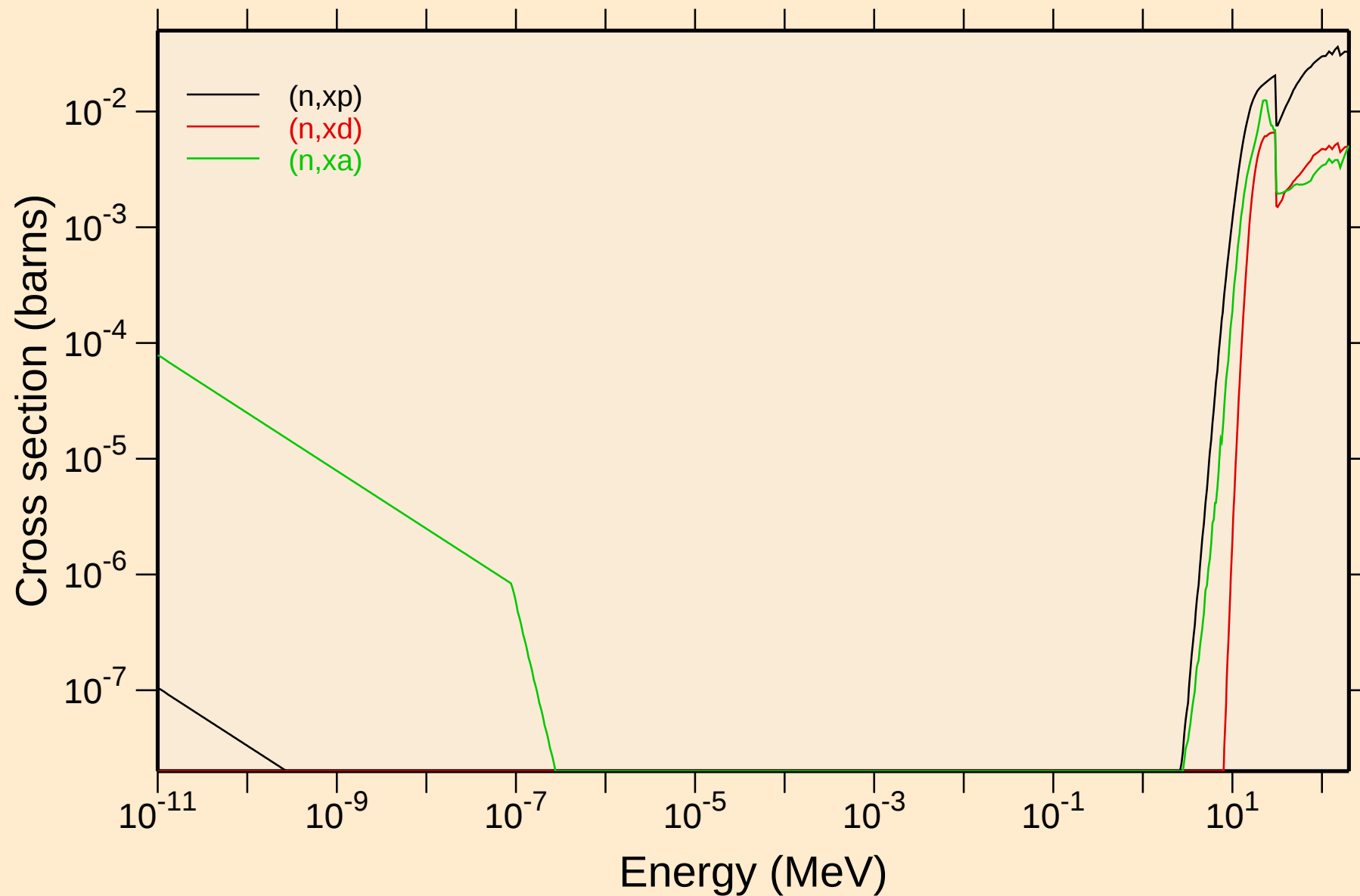
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Non-threshold reactions



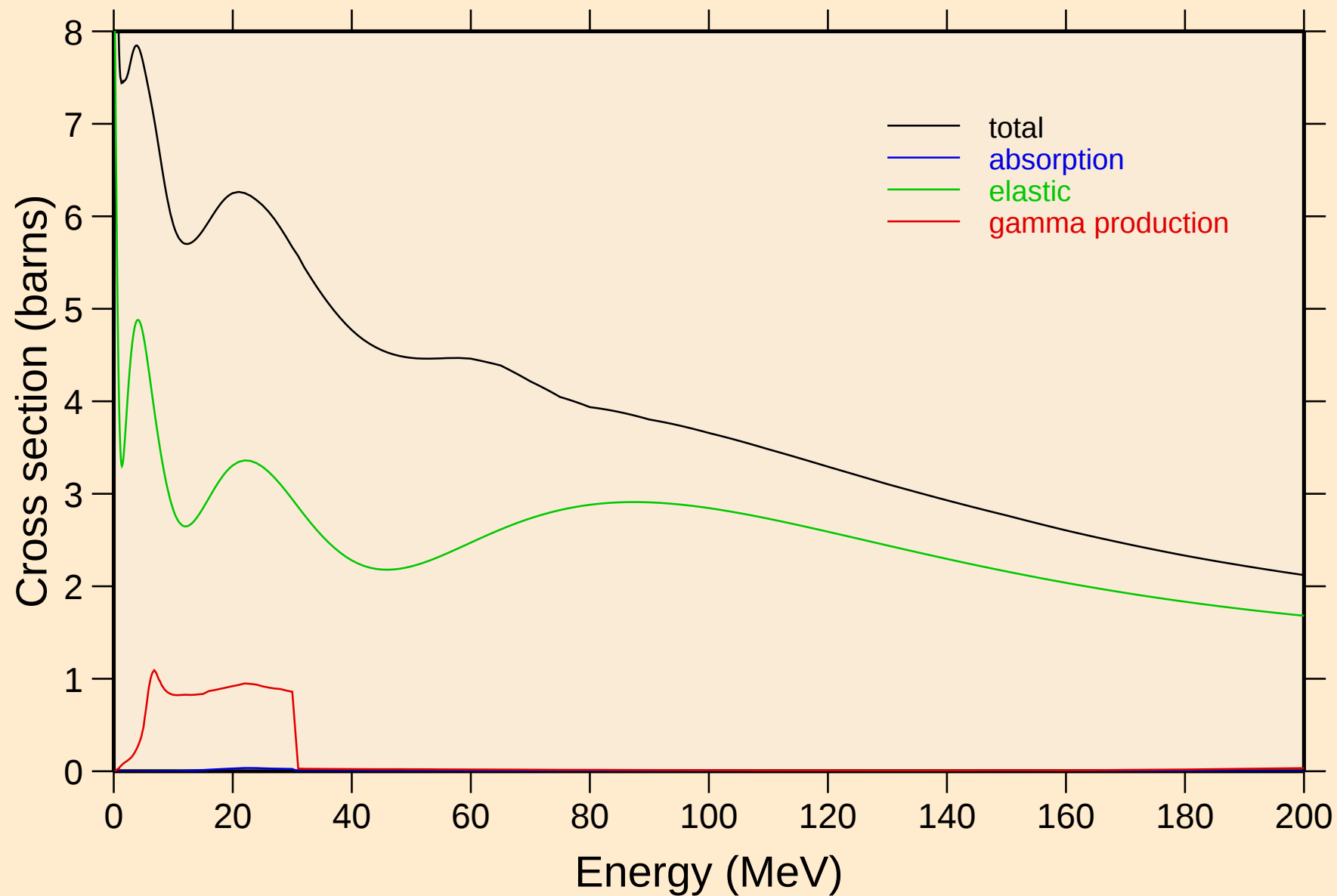
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



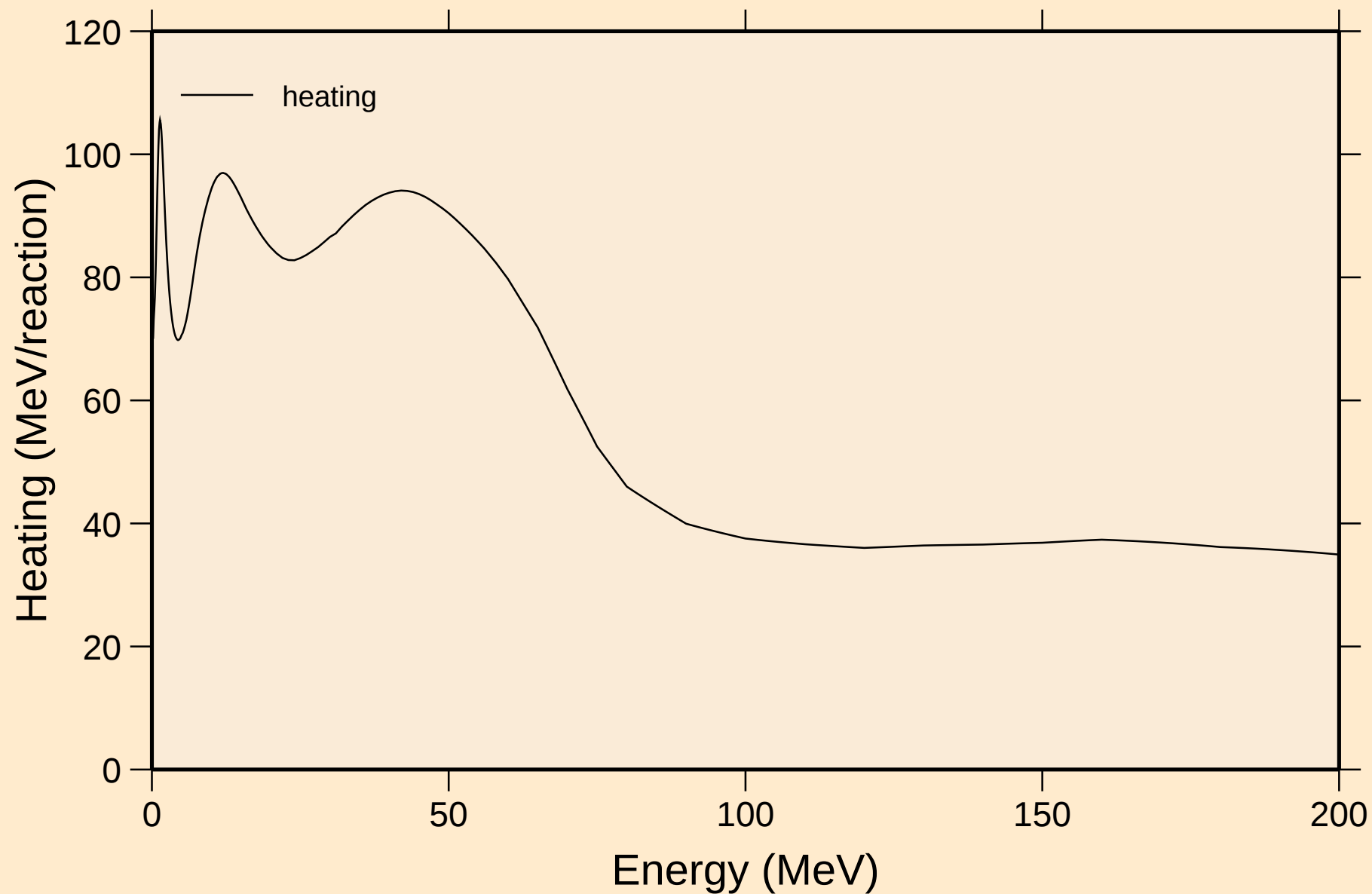
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



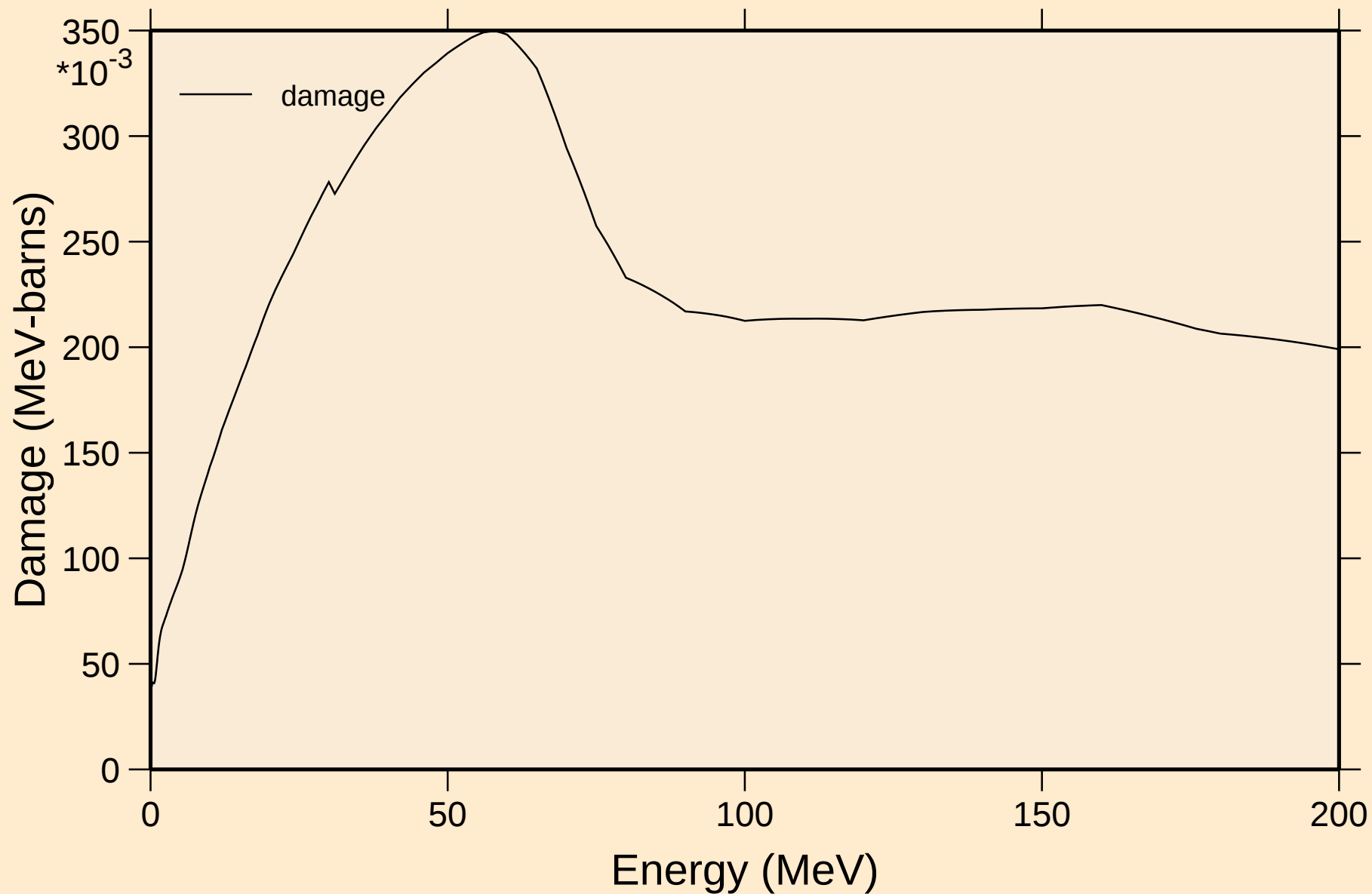
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



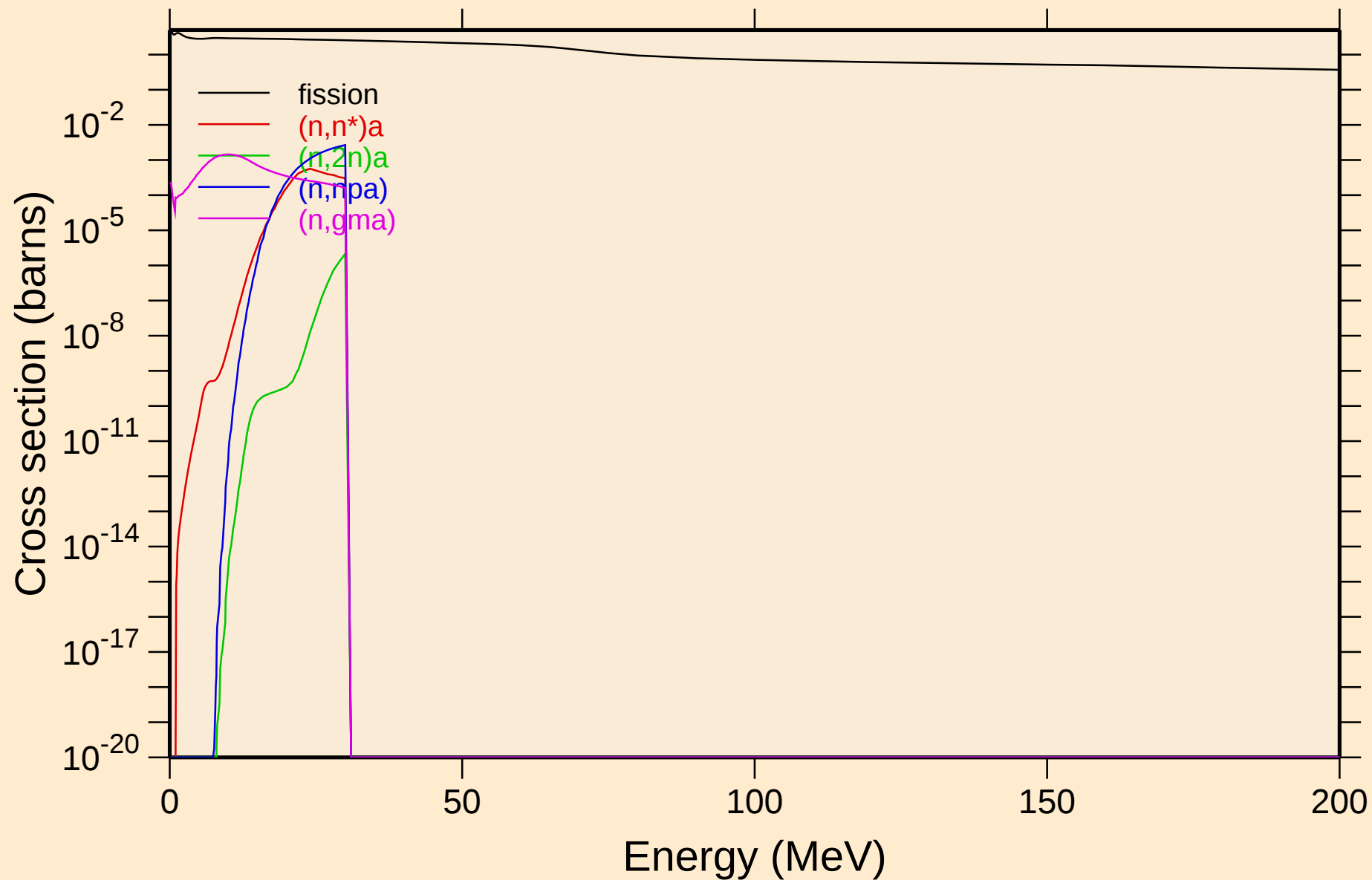
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



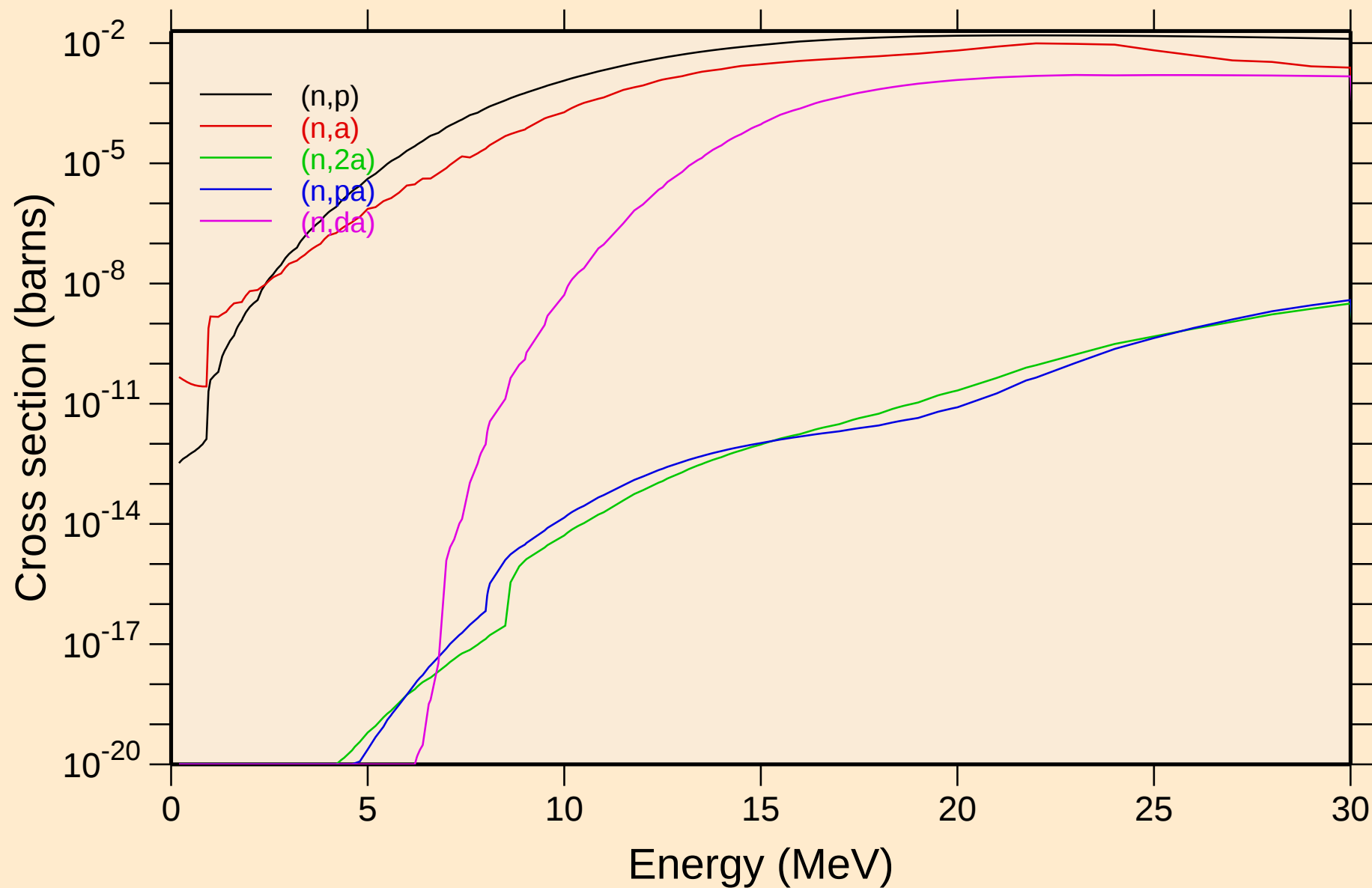
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

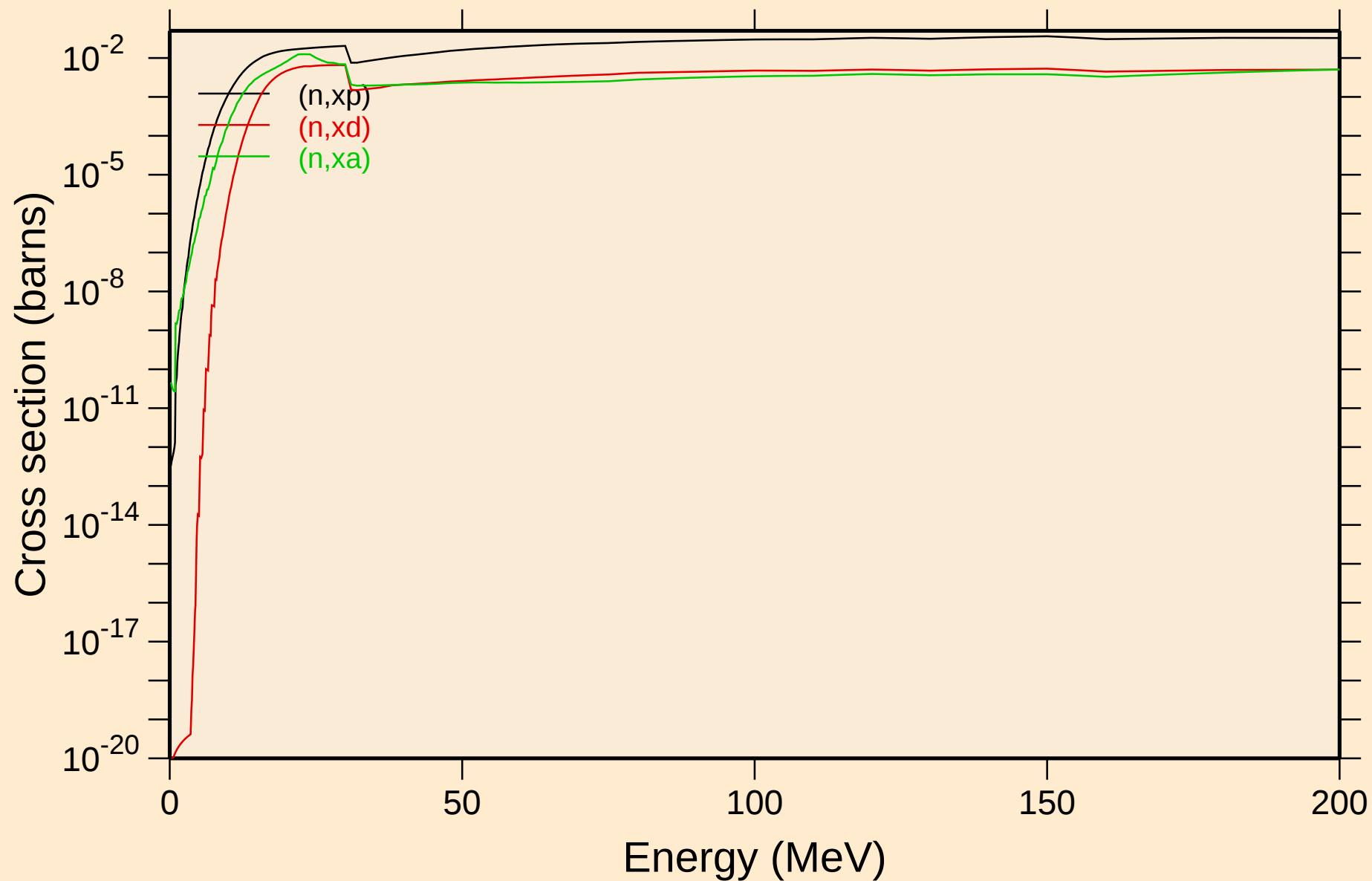


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

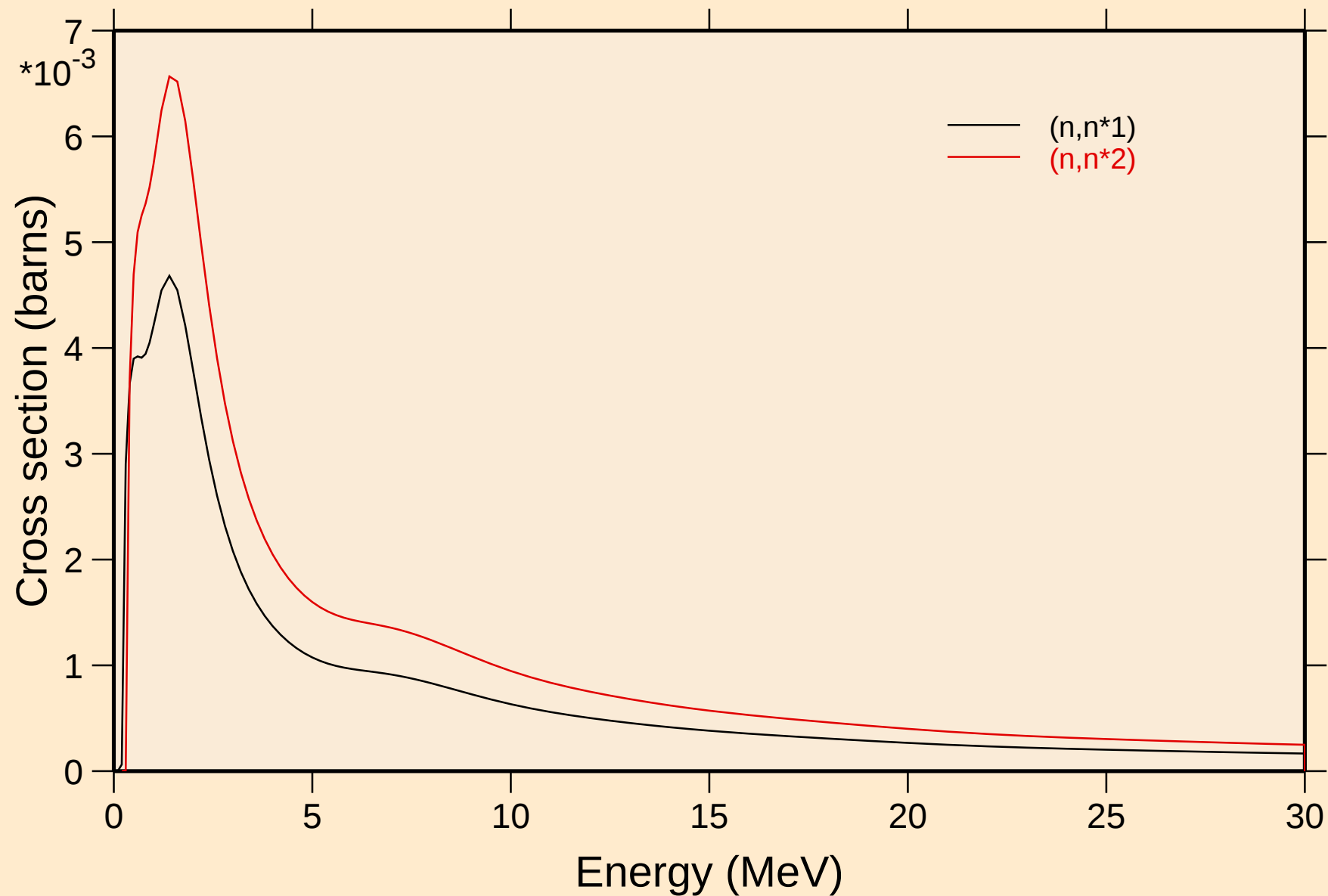


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



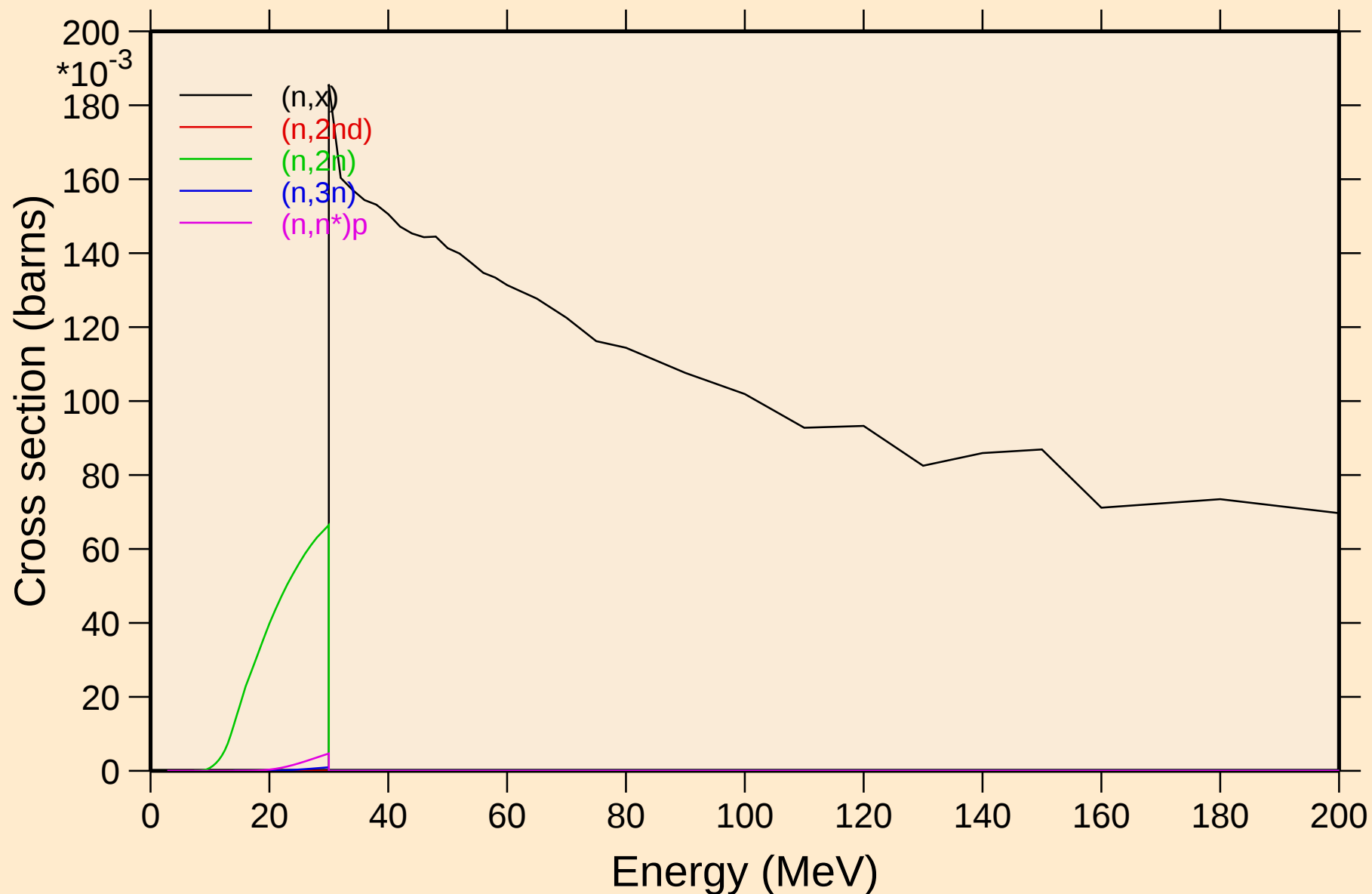
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Inelastic levels



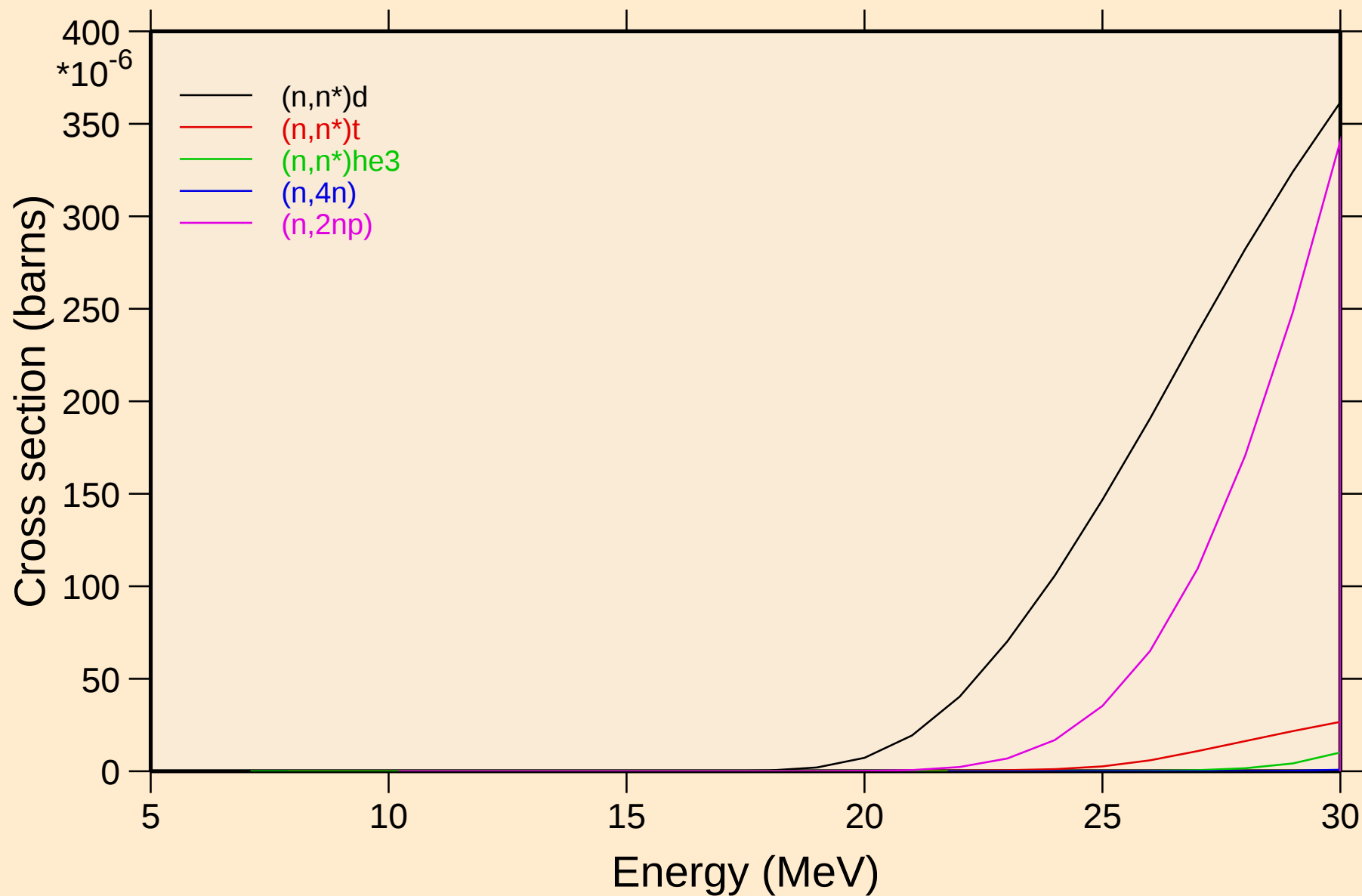
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



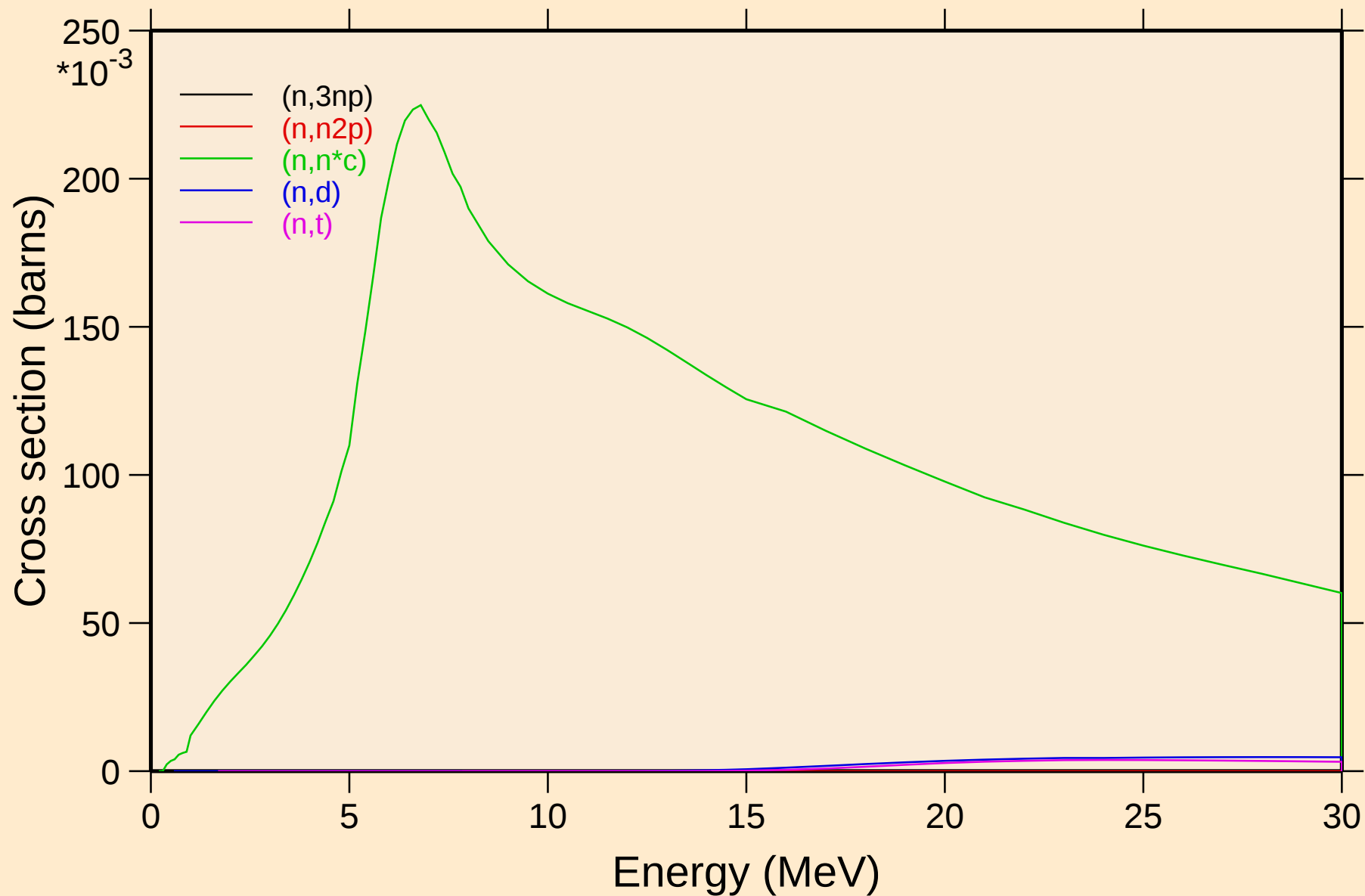
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Threshold reactions



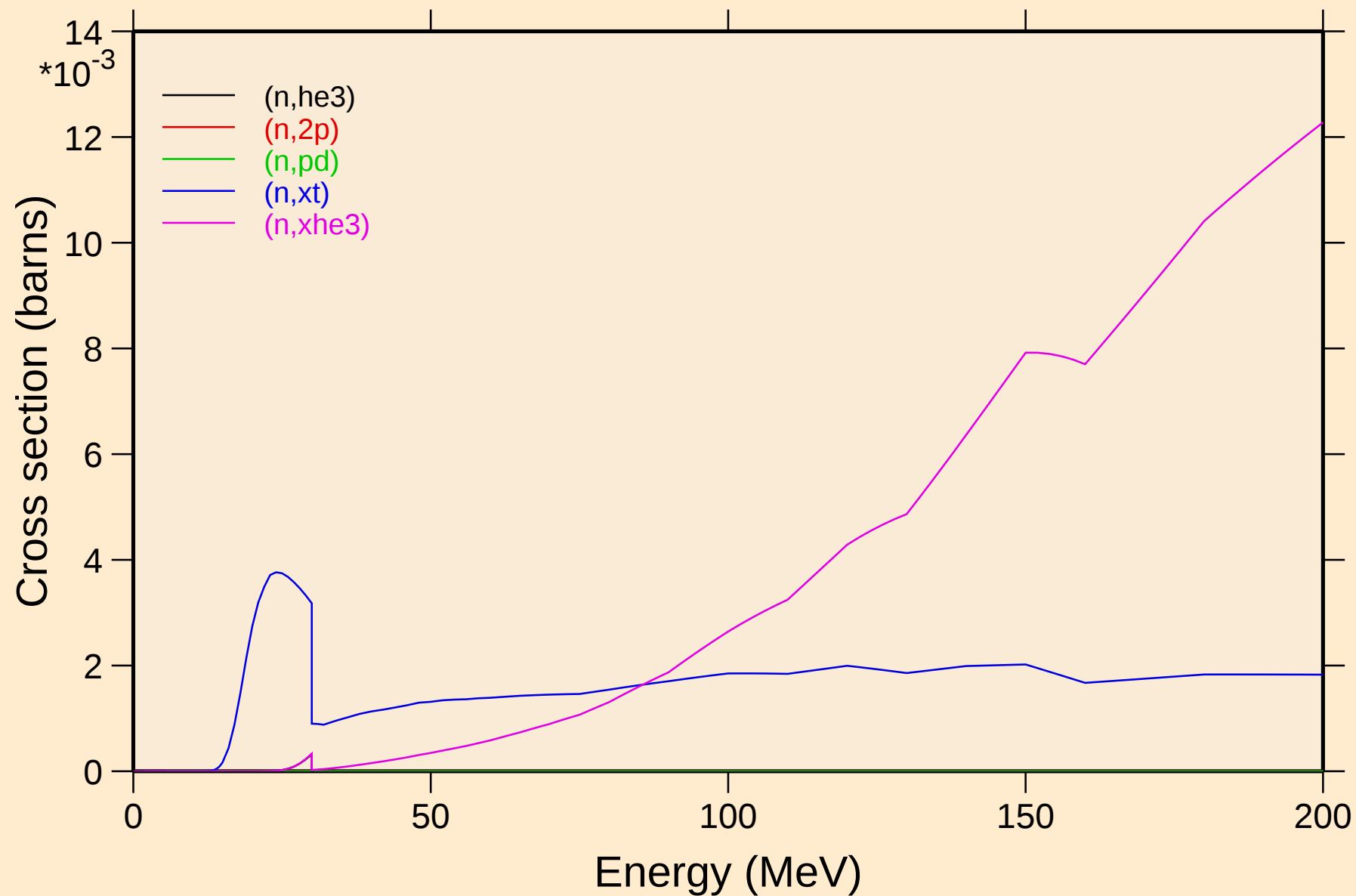
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

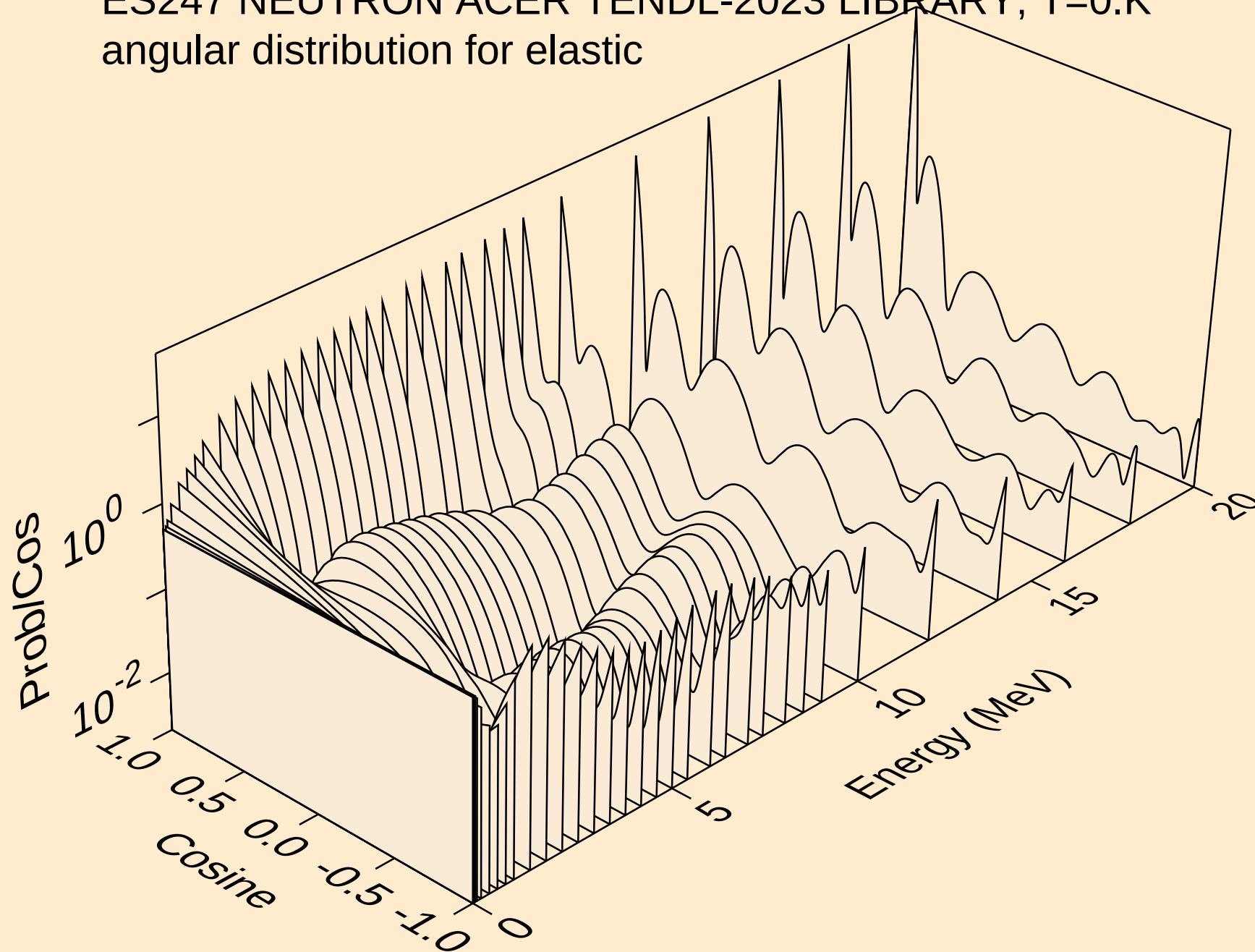


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

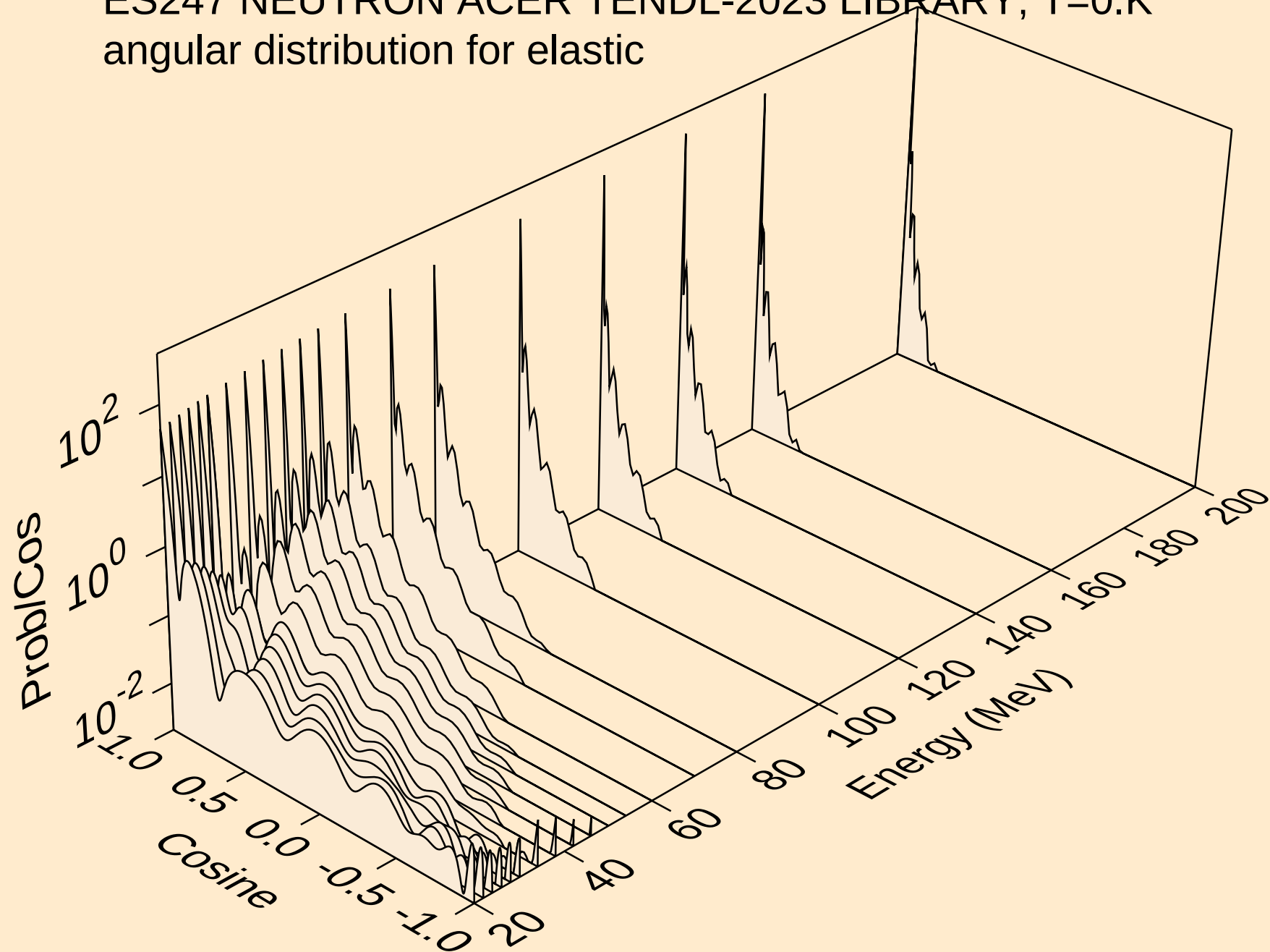
Threshold reactions



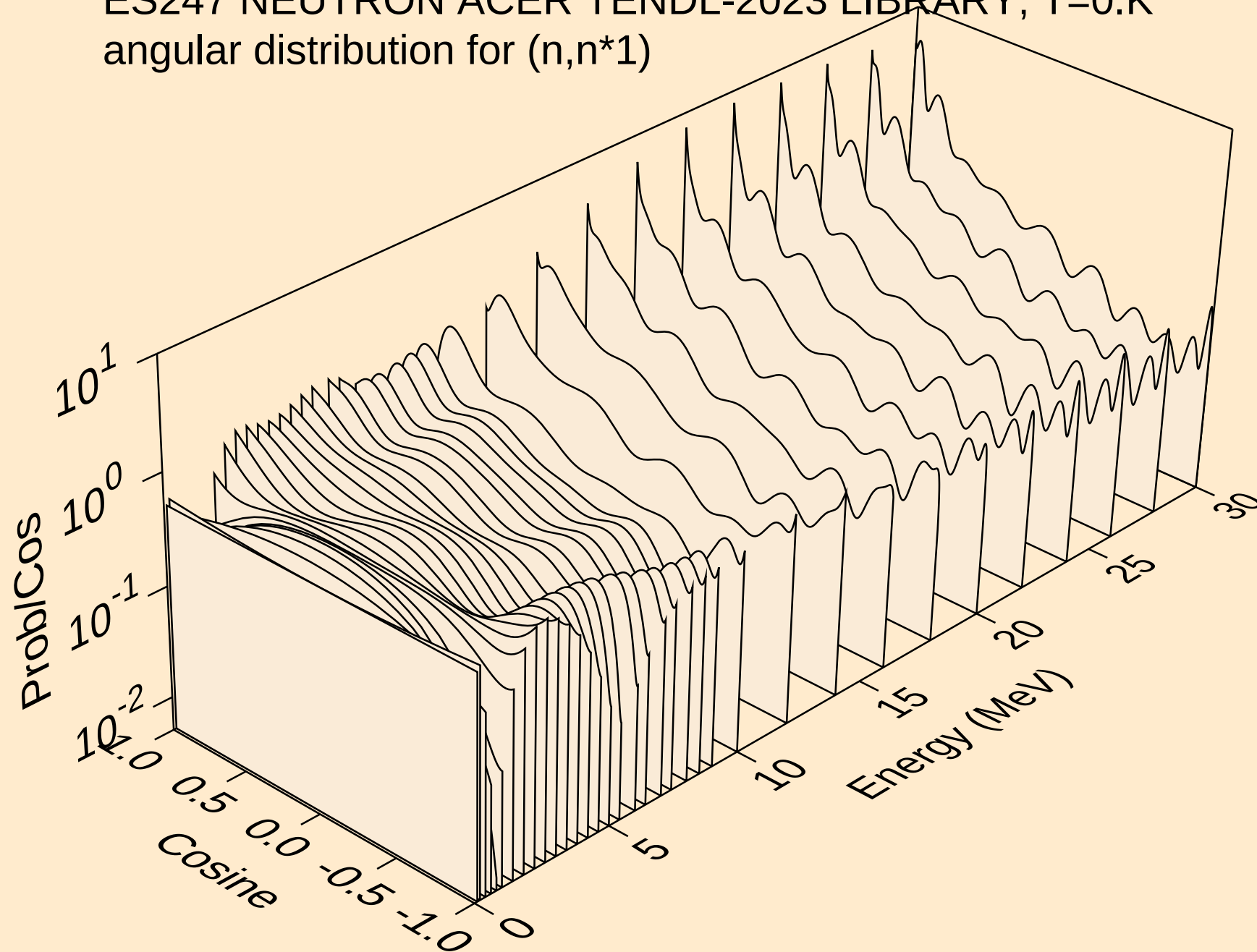
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



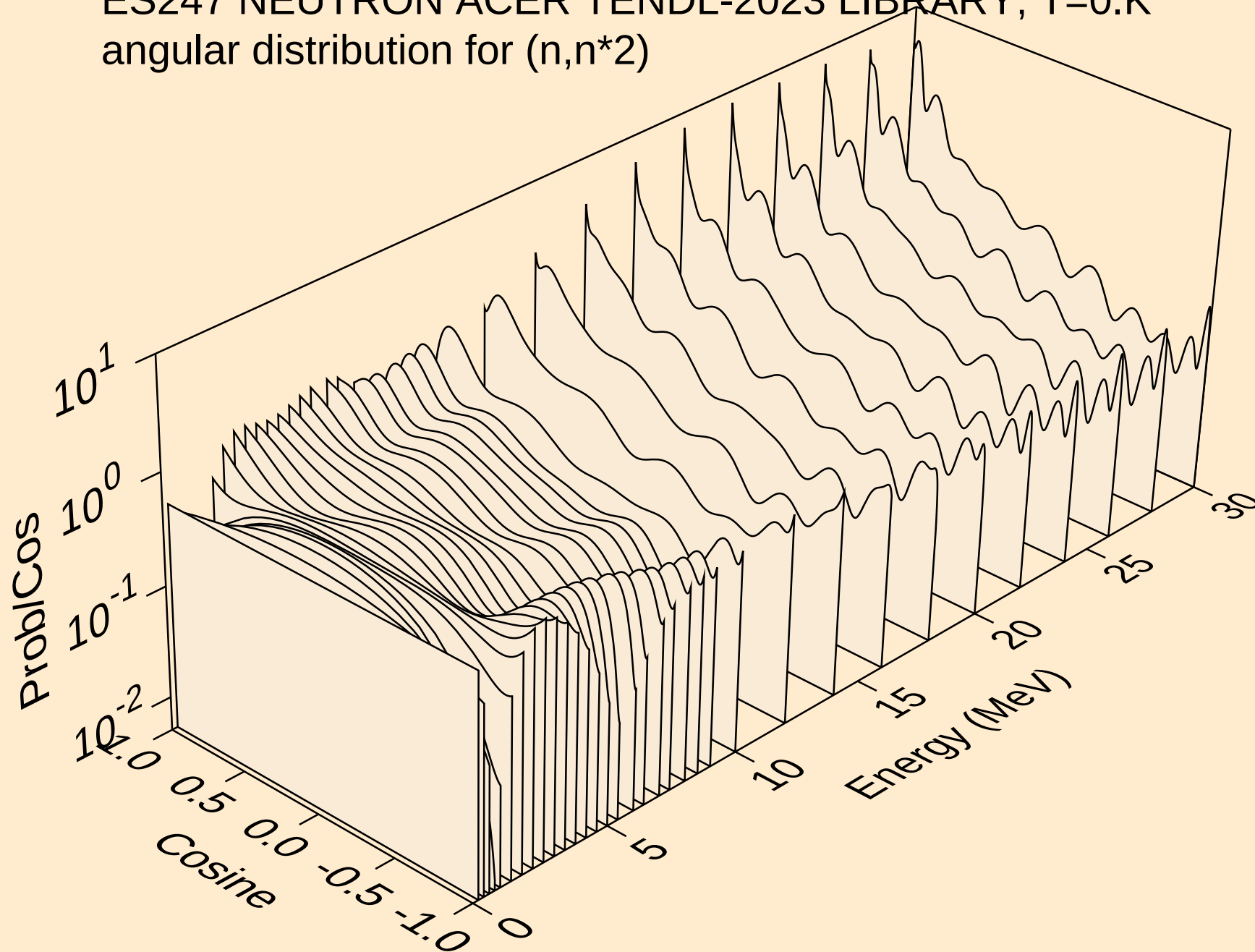
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)

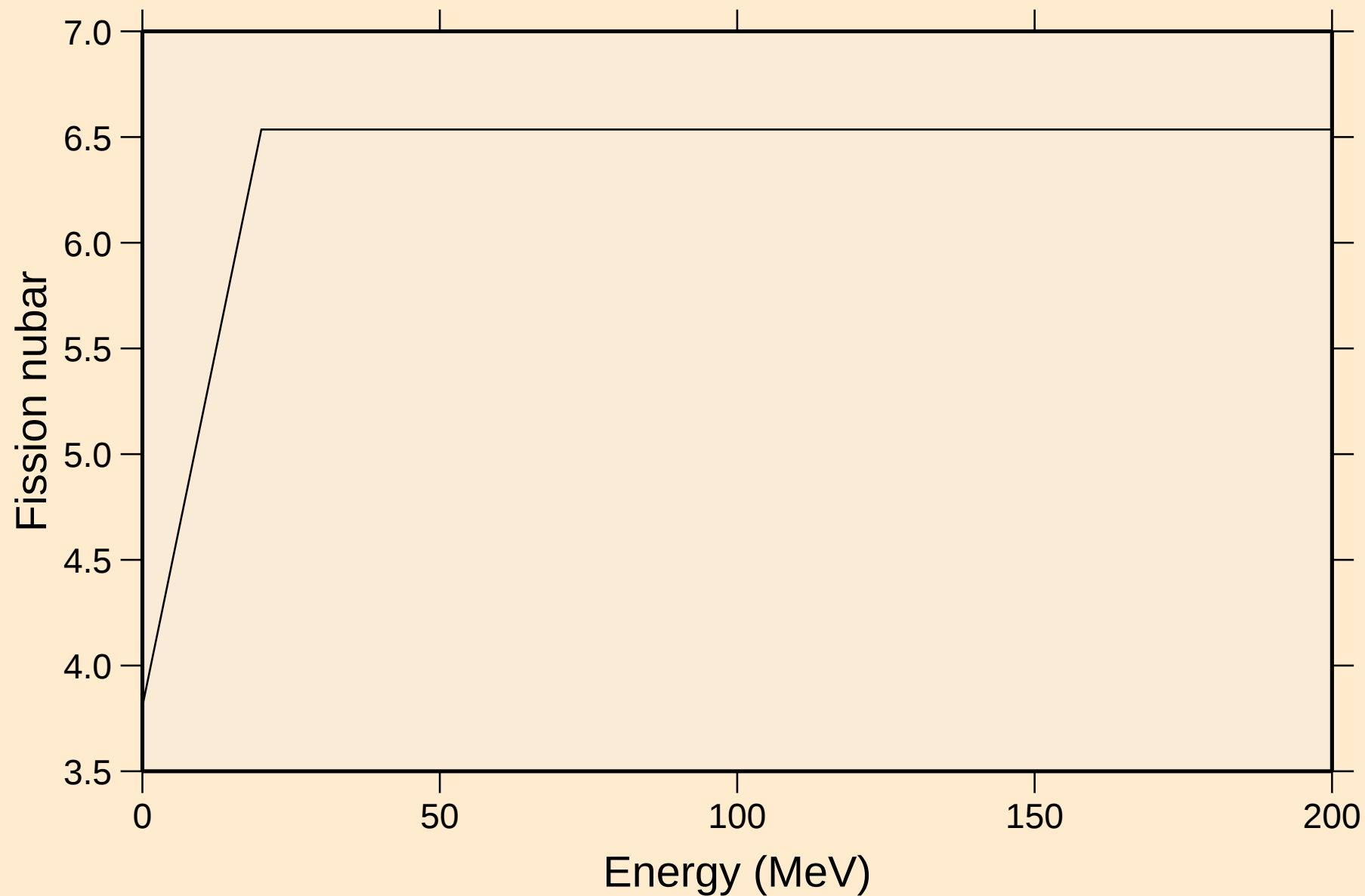


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



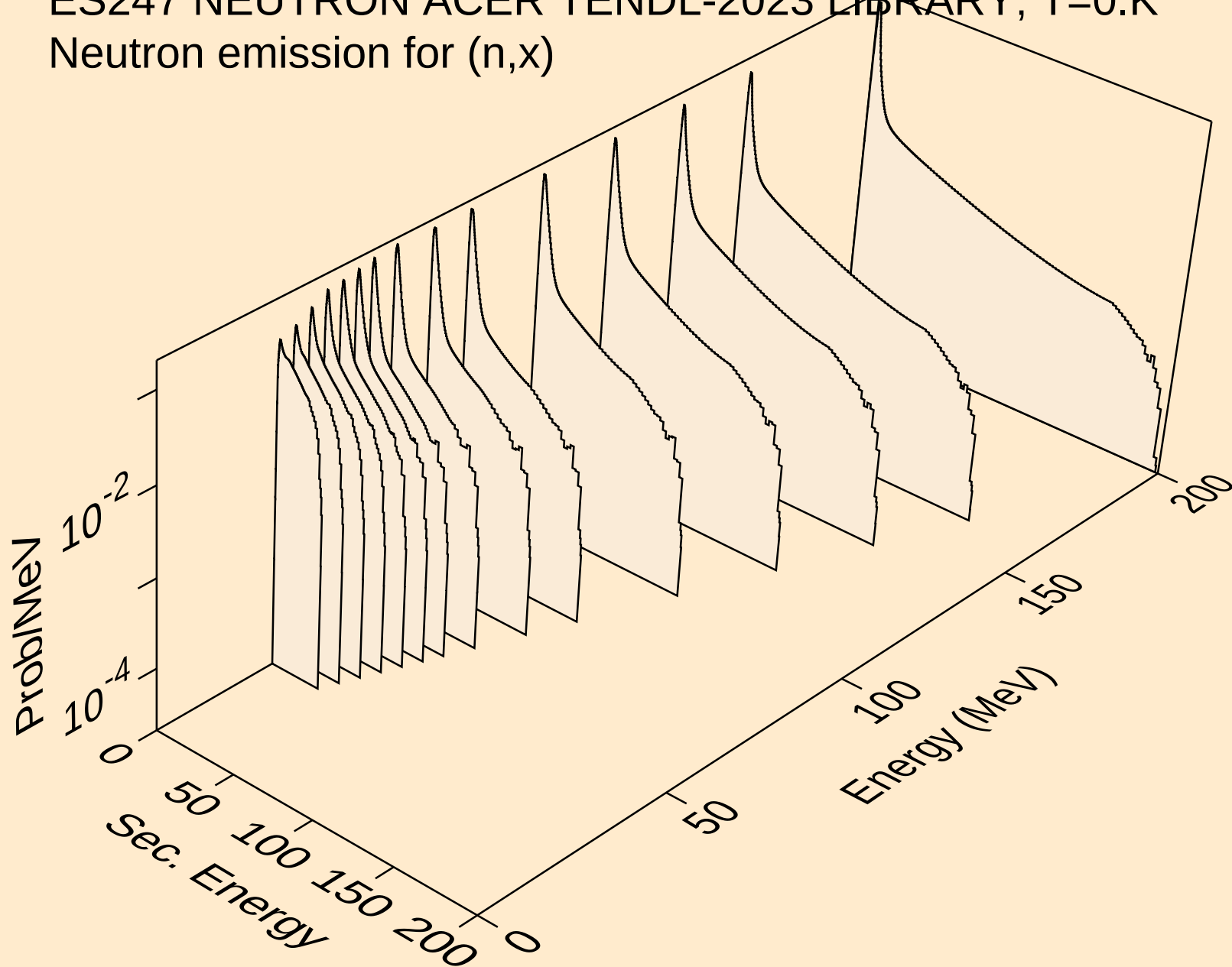
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Total fission nubar

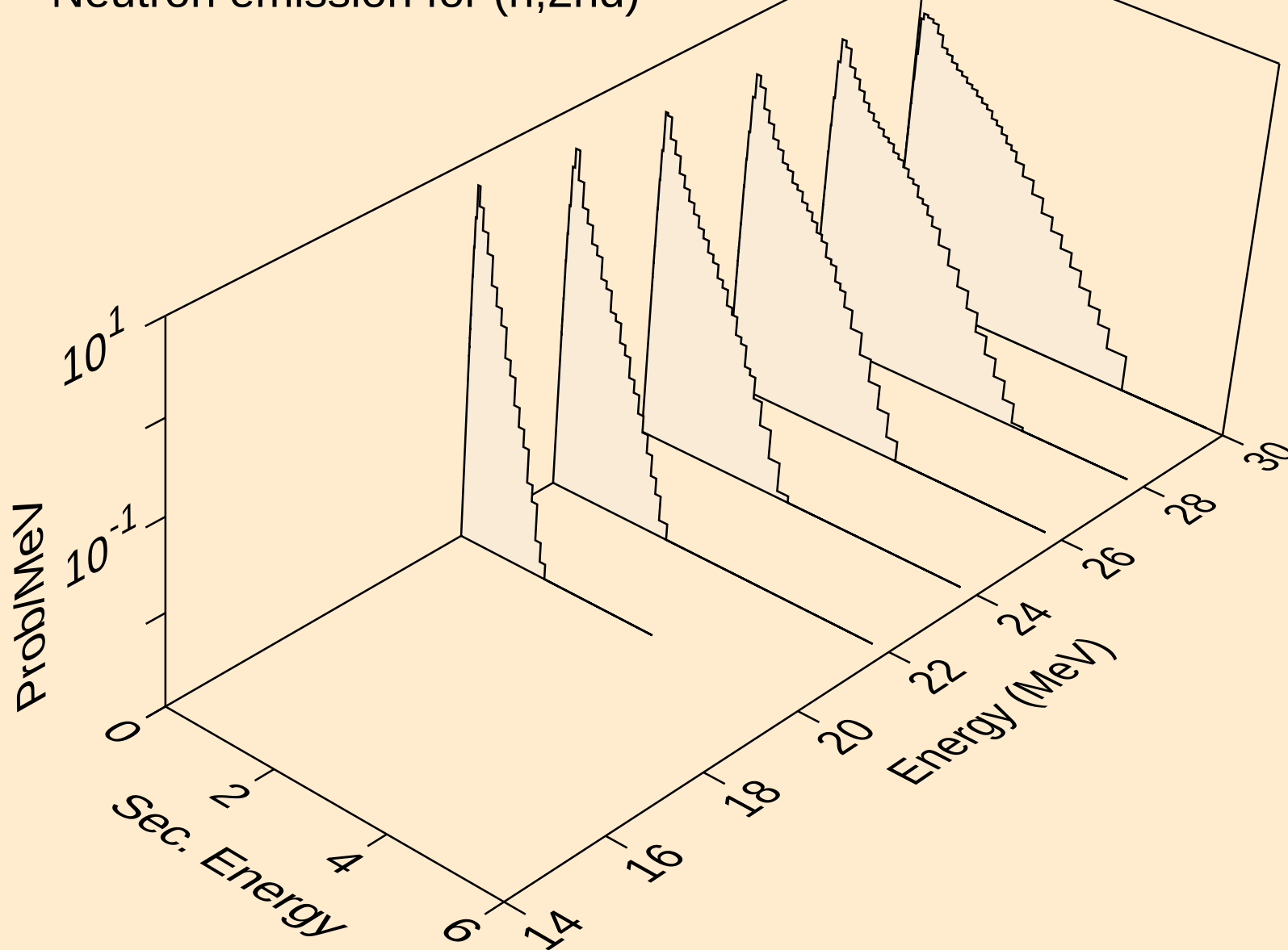


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

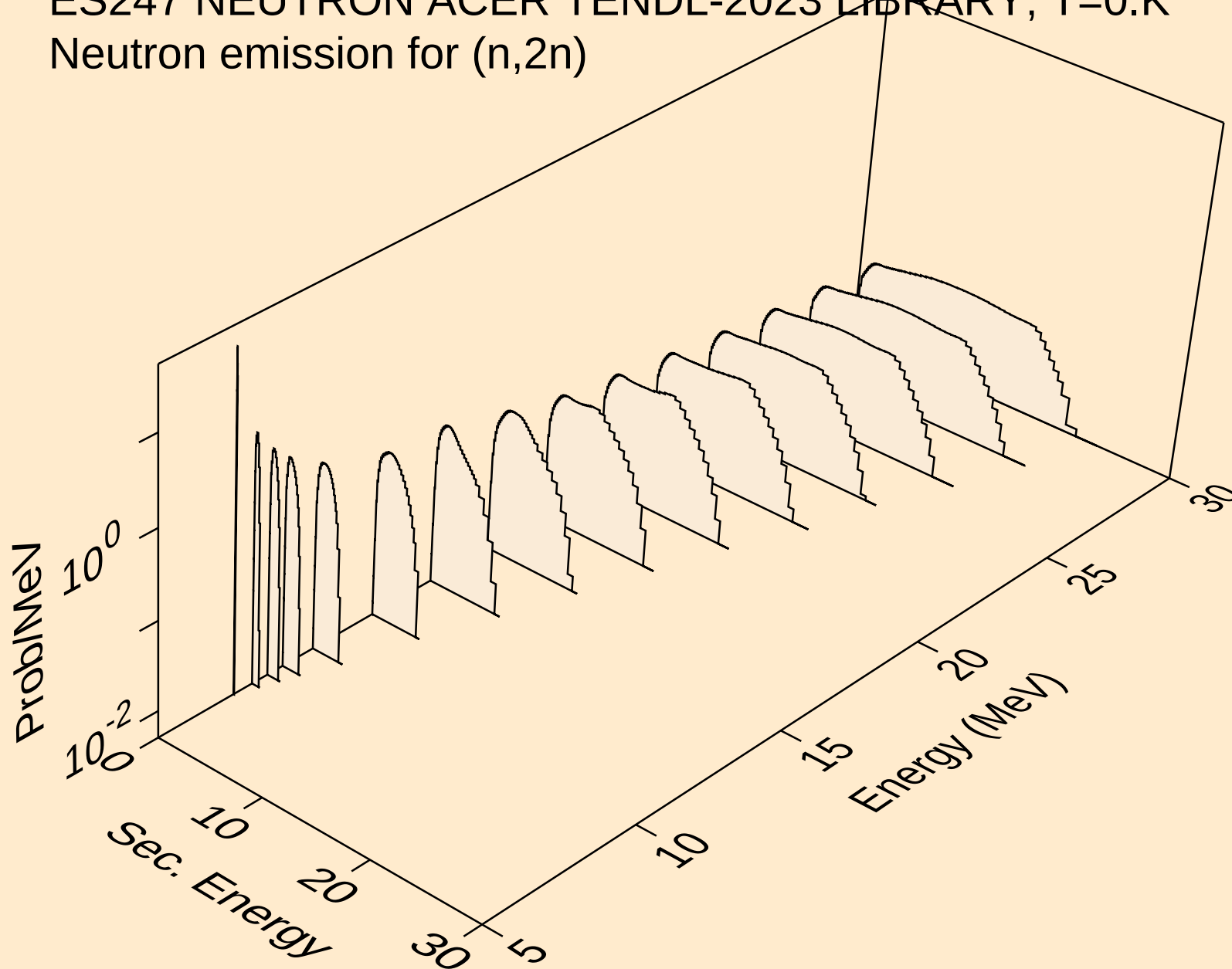
Neutron emission for (n,x)



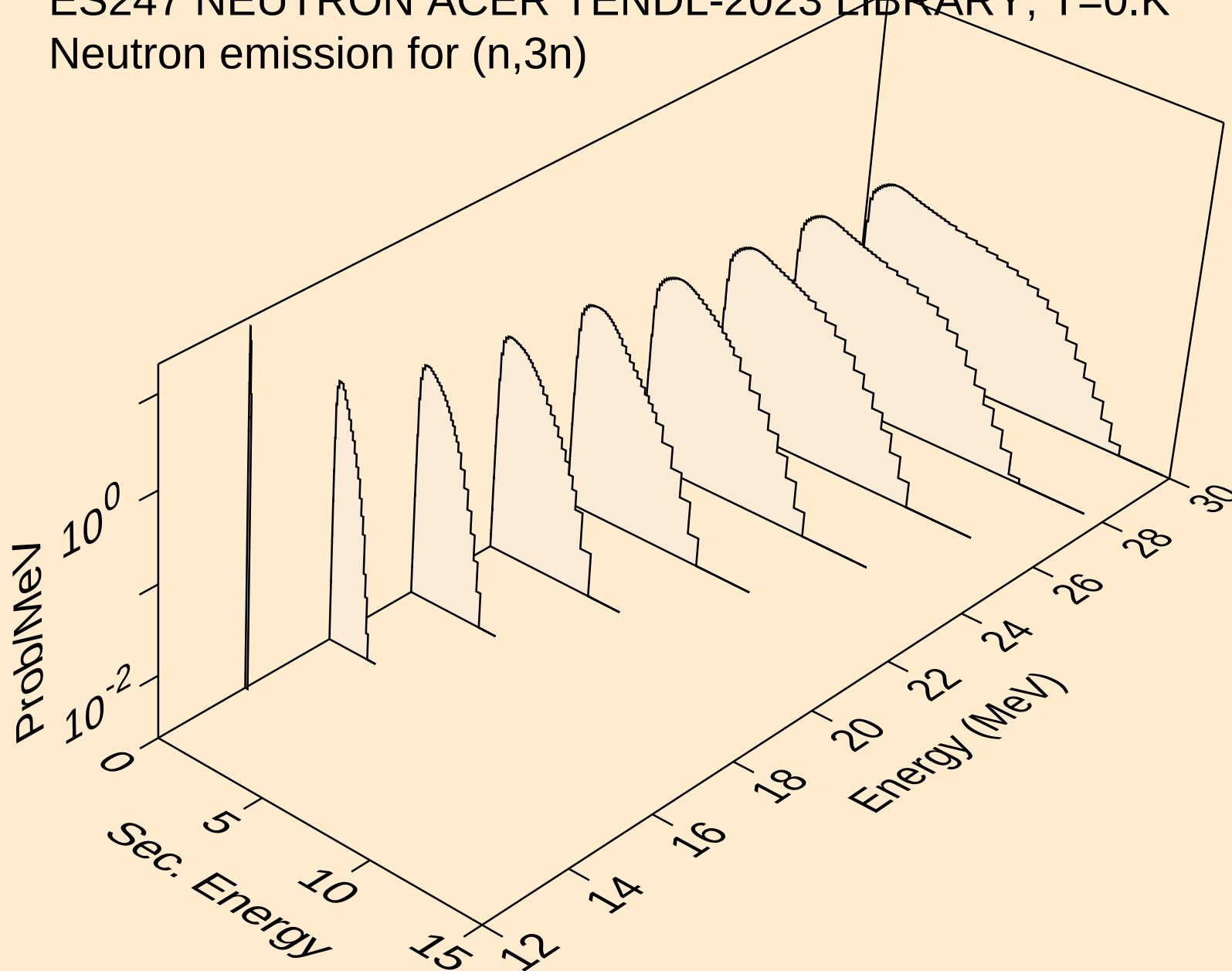
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



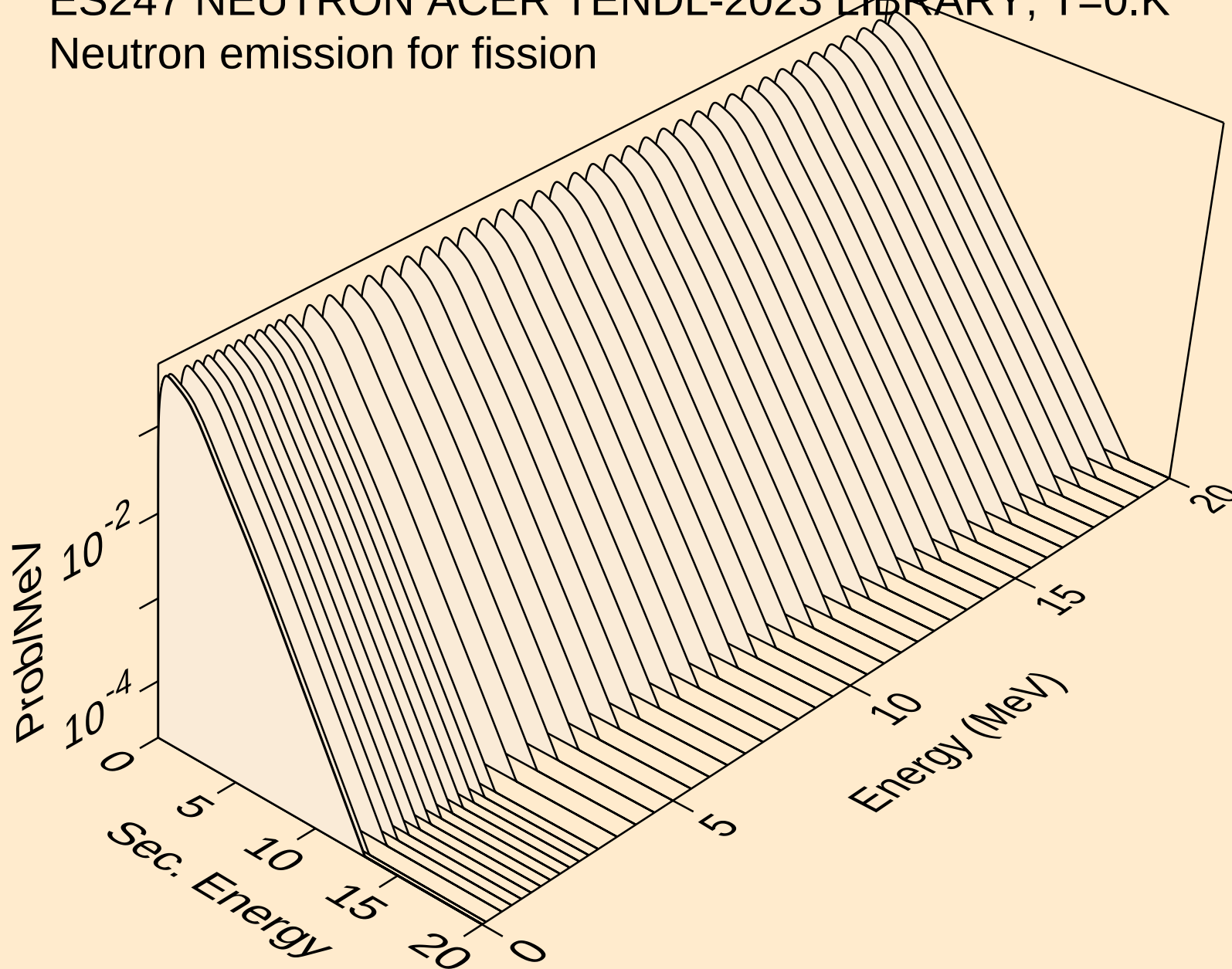
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

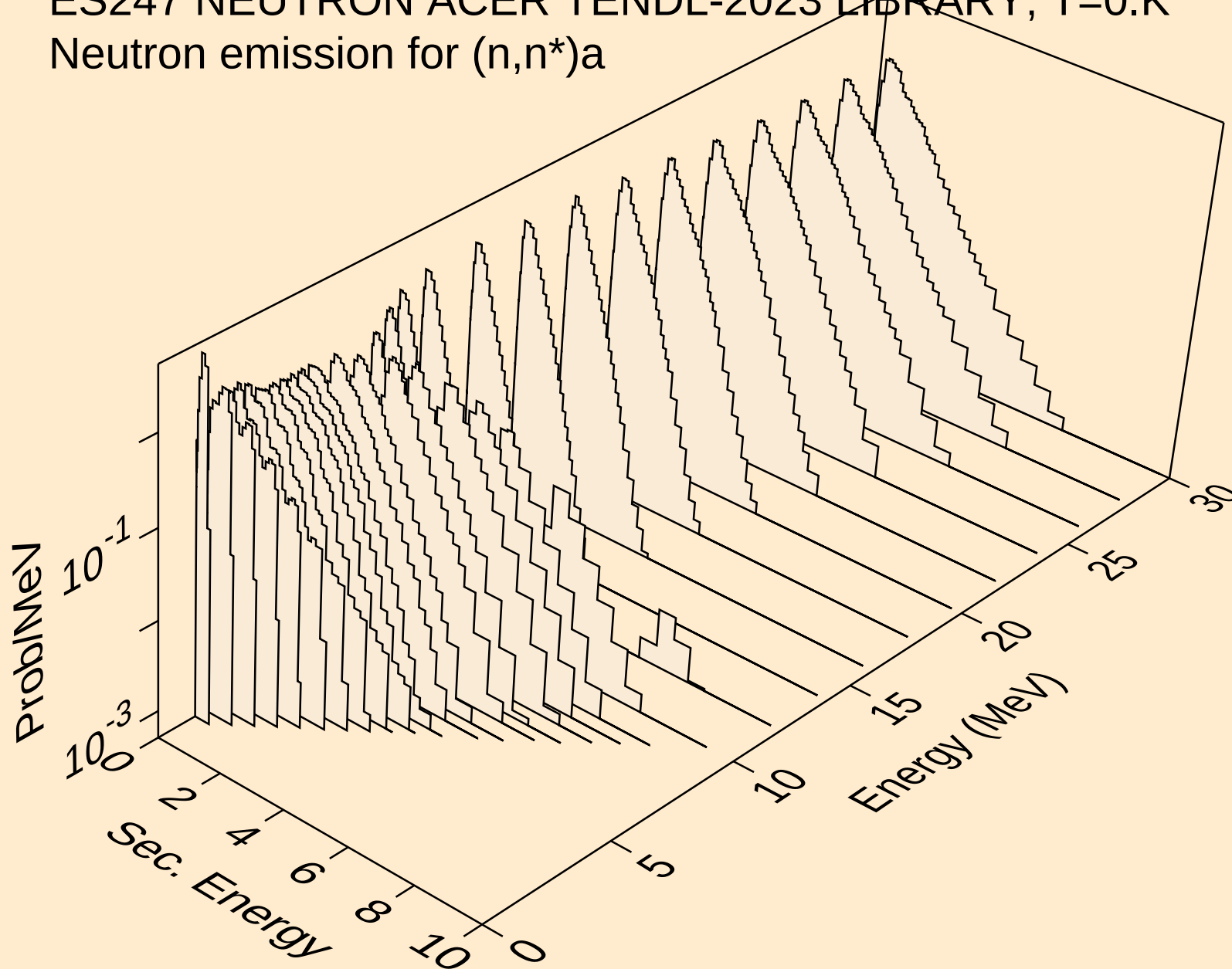


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission

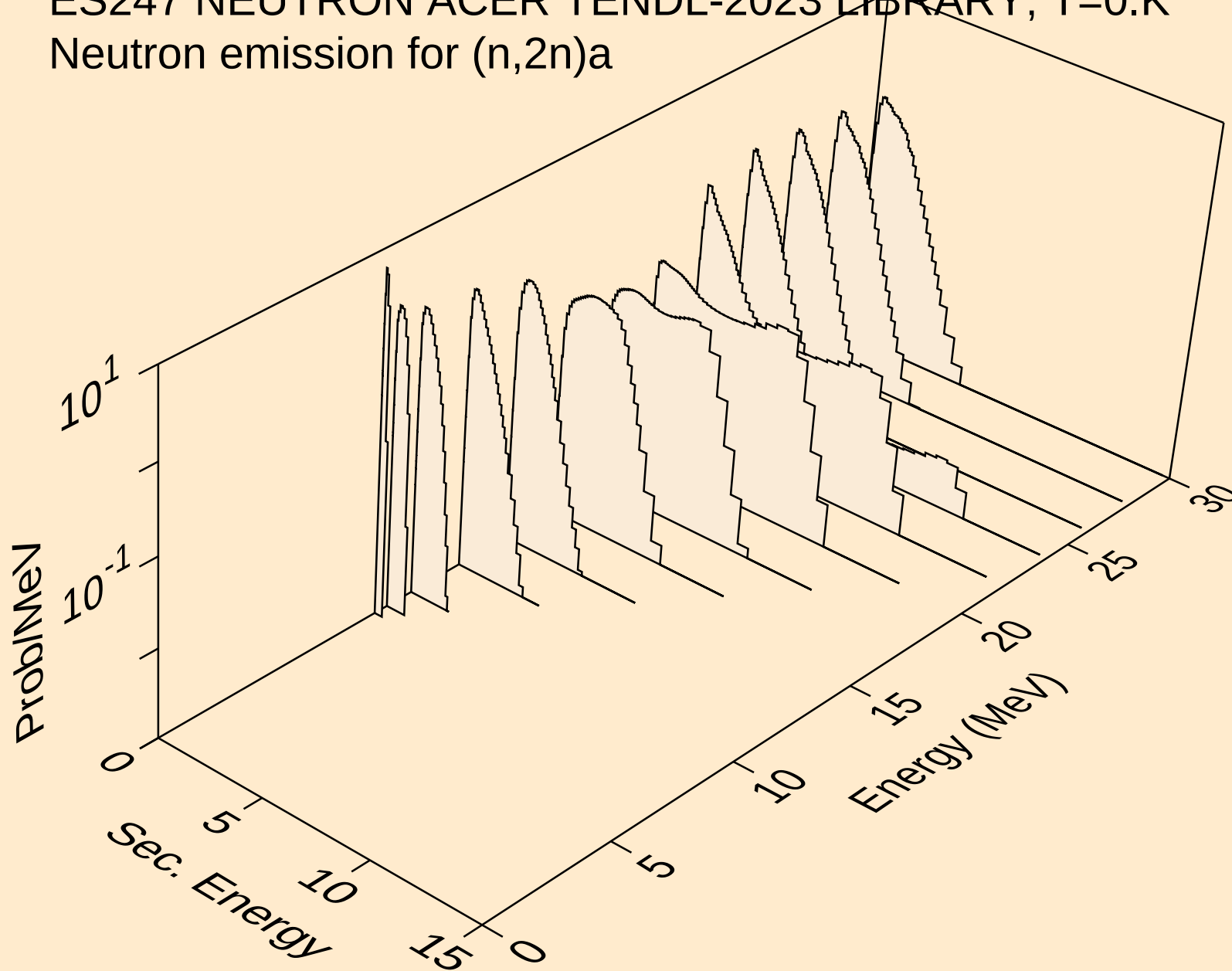


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)a

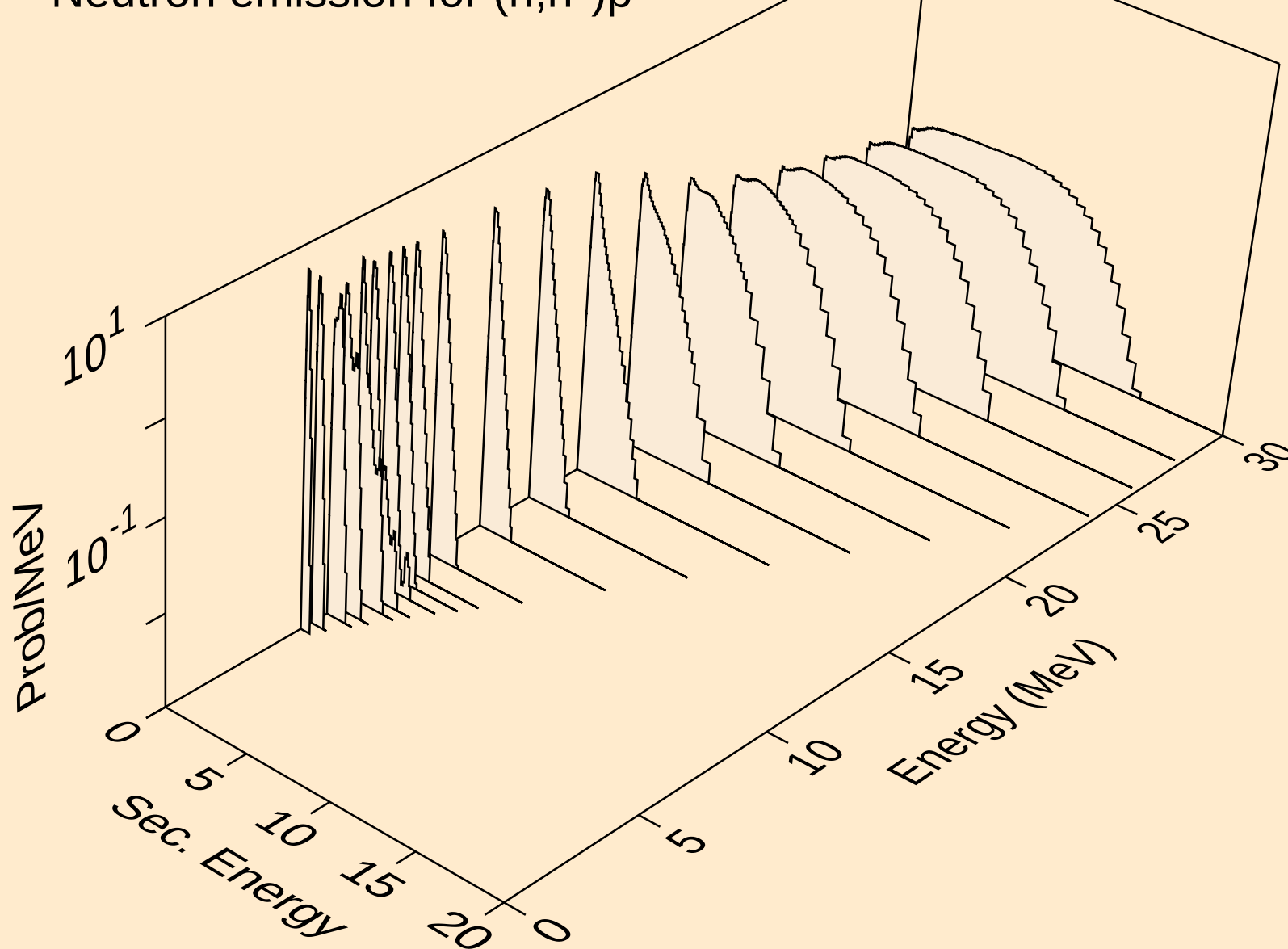


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



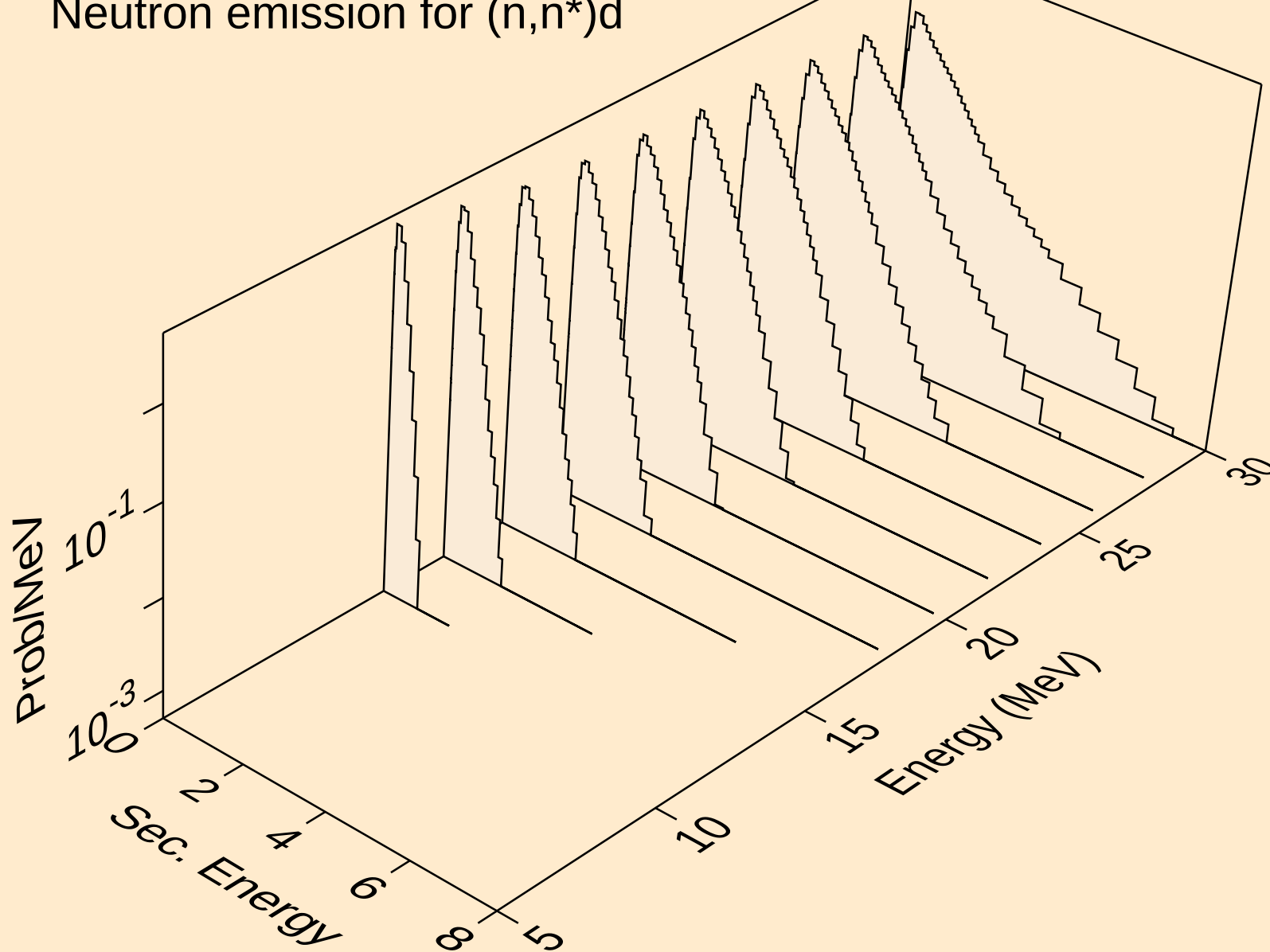
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p



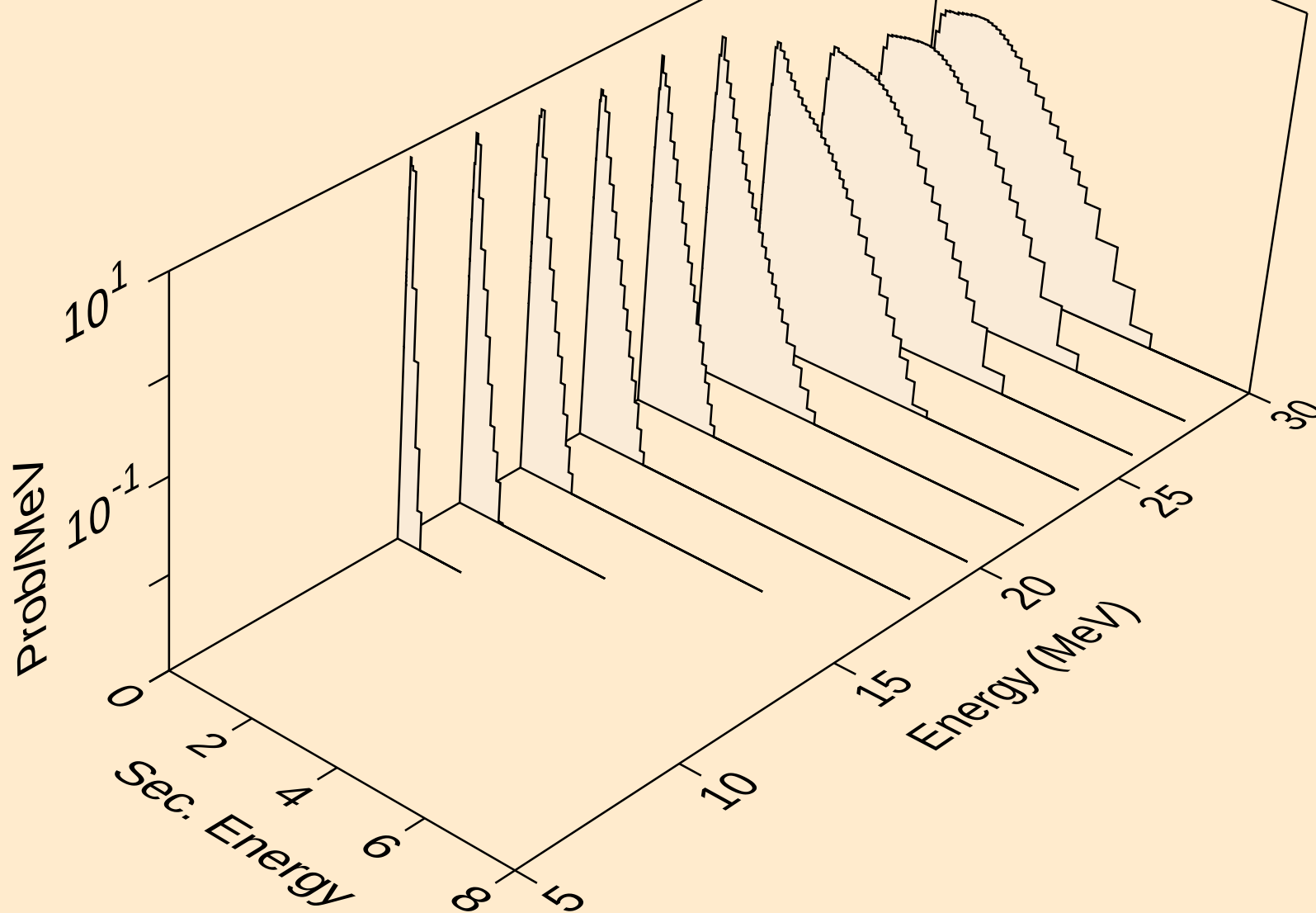
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d



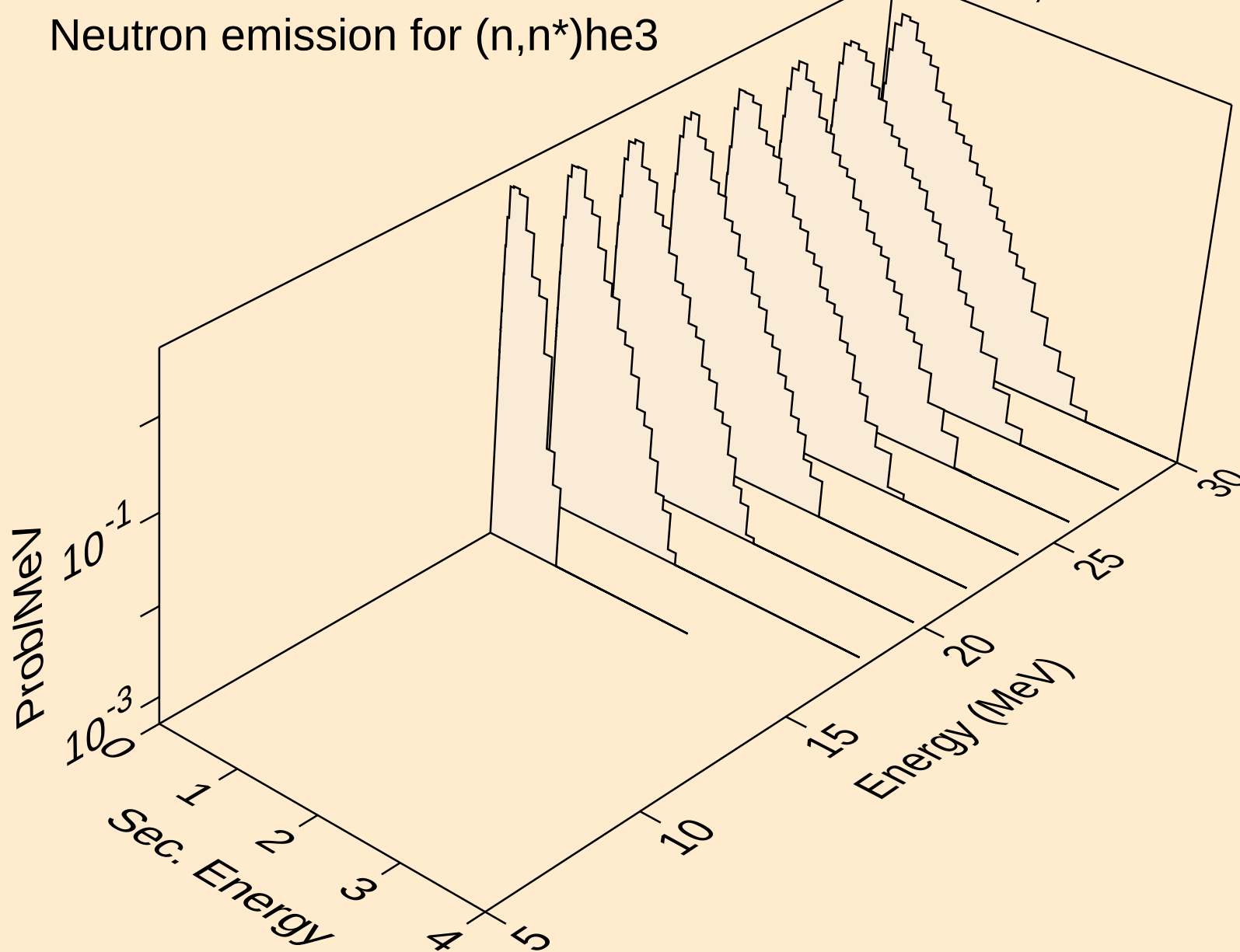
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)t

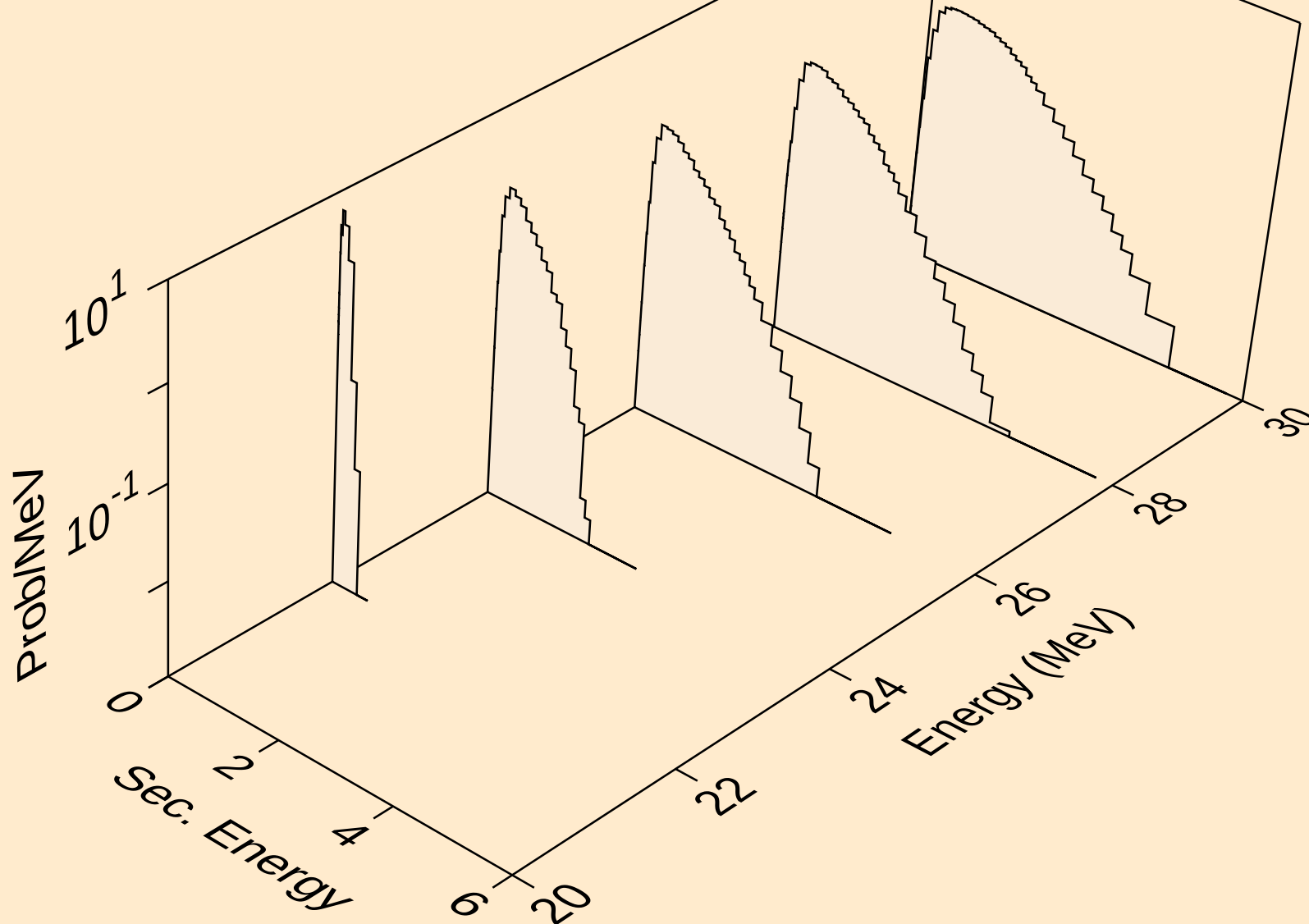


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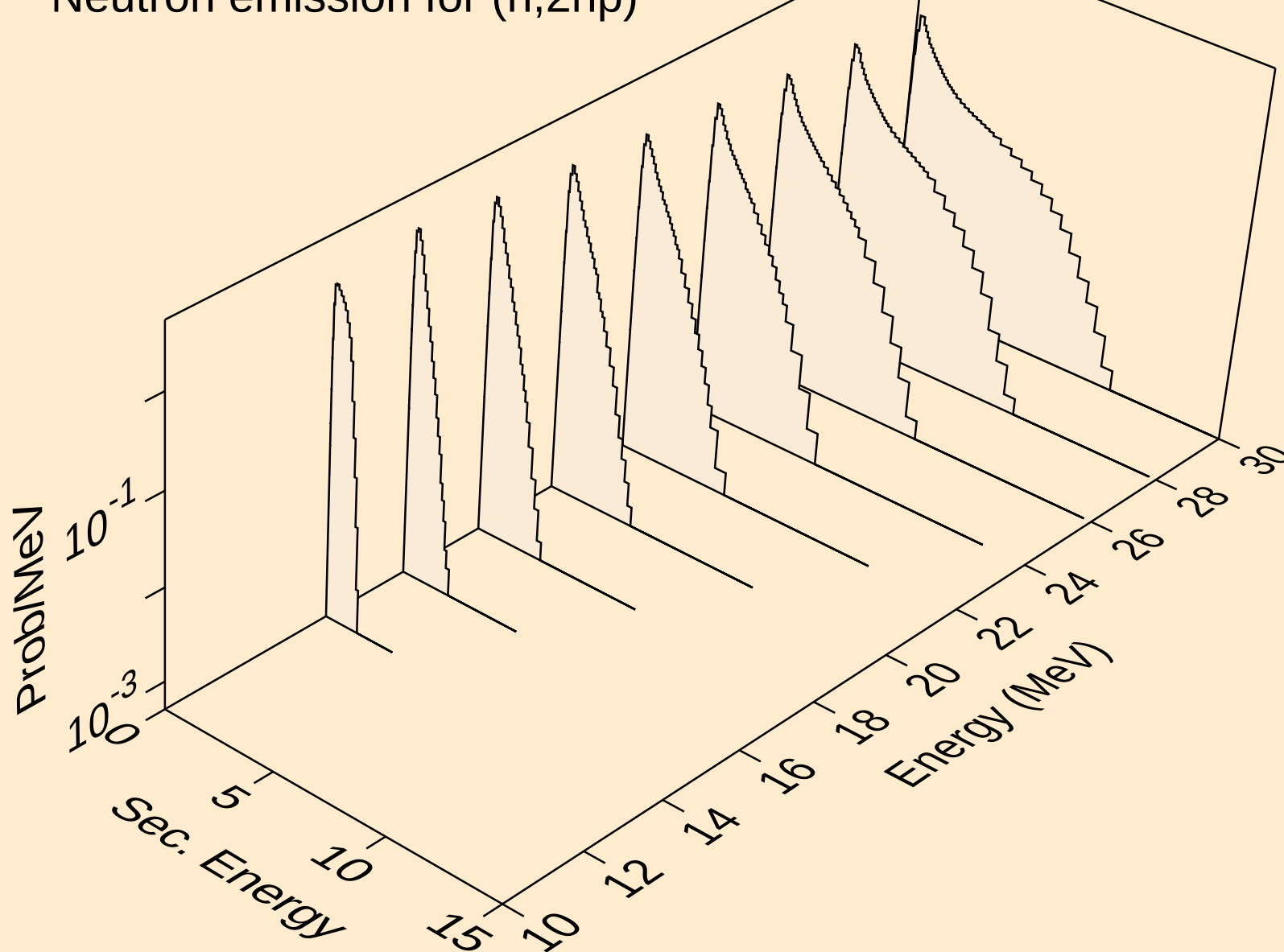
Neutron emission for (n,n*)he3



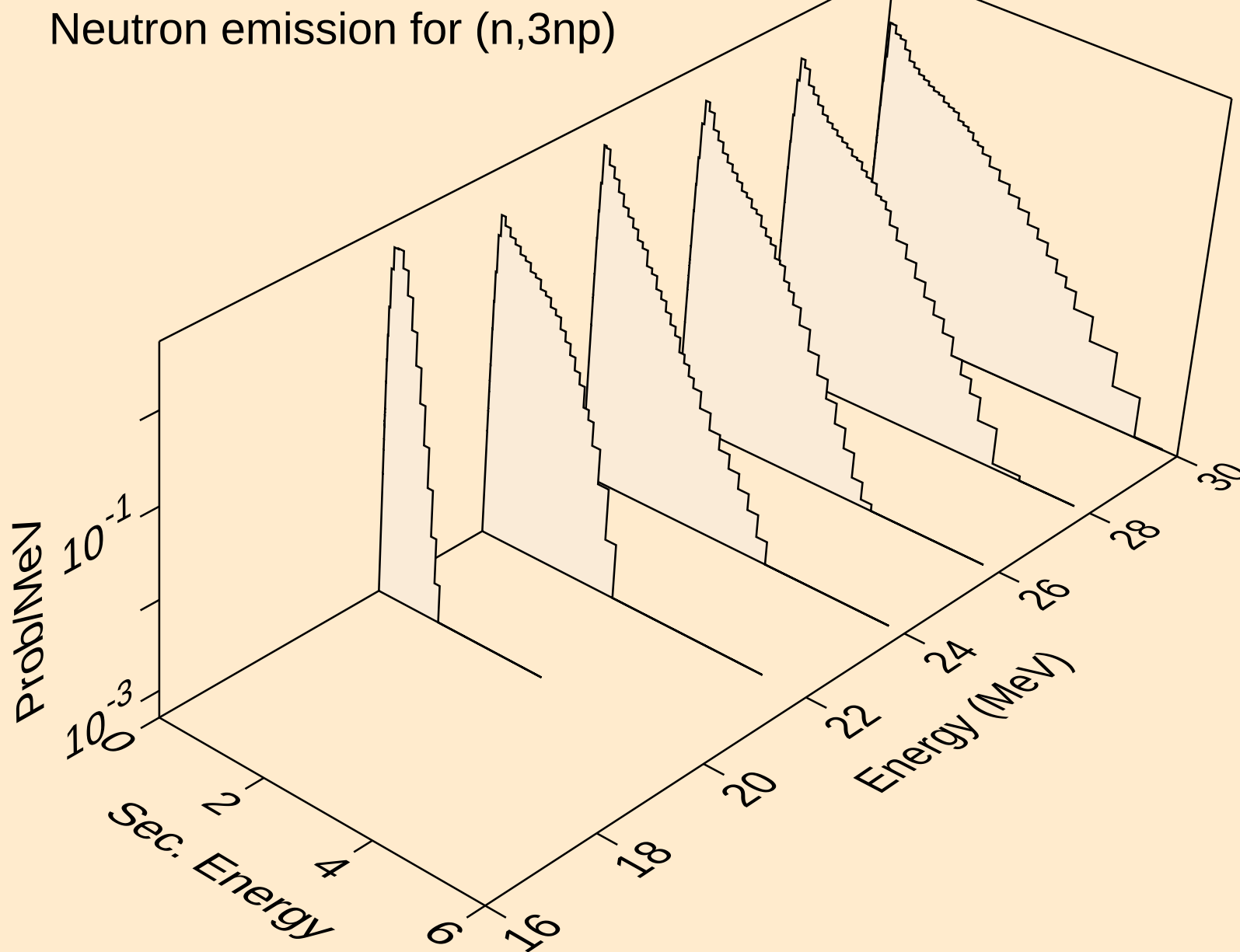
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



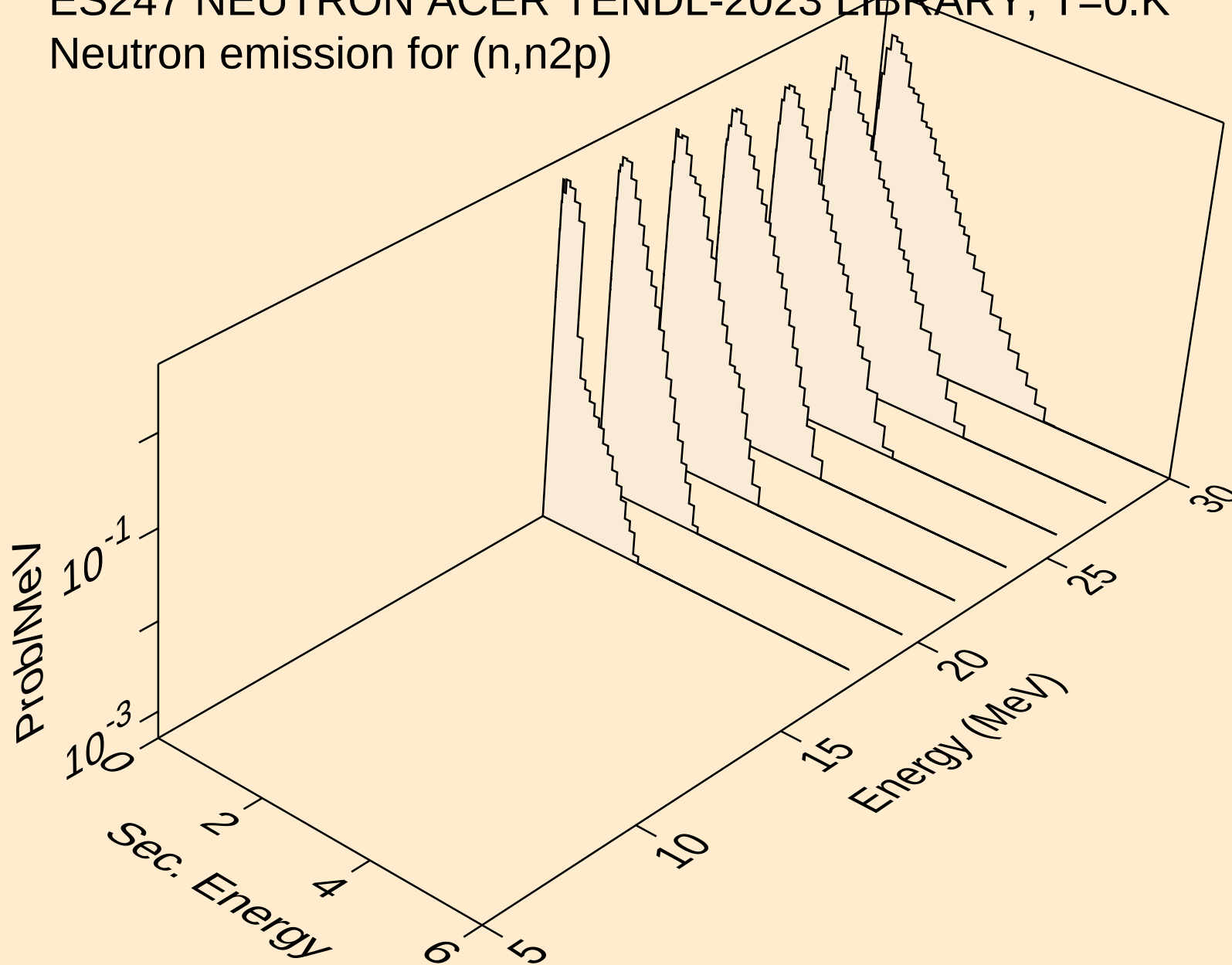
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



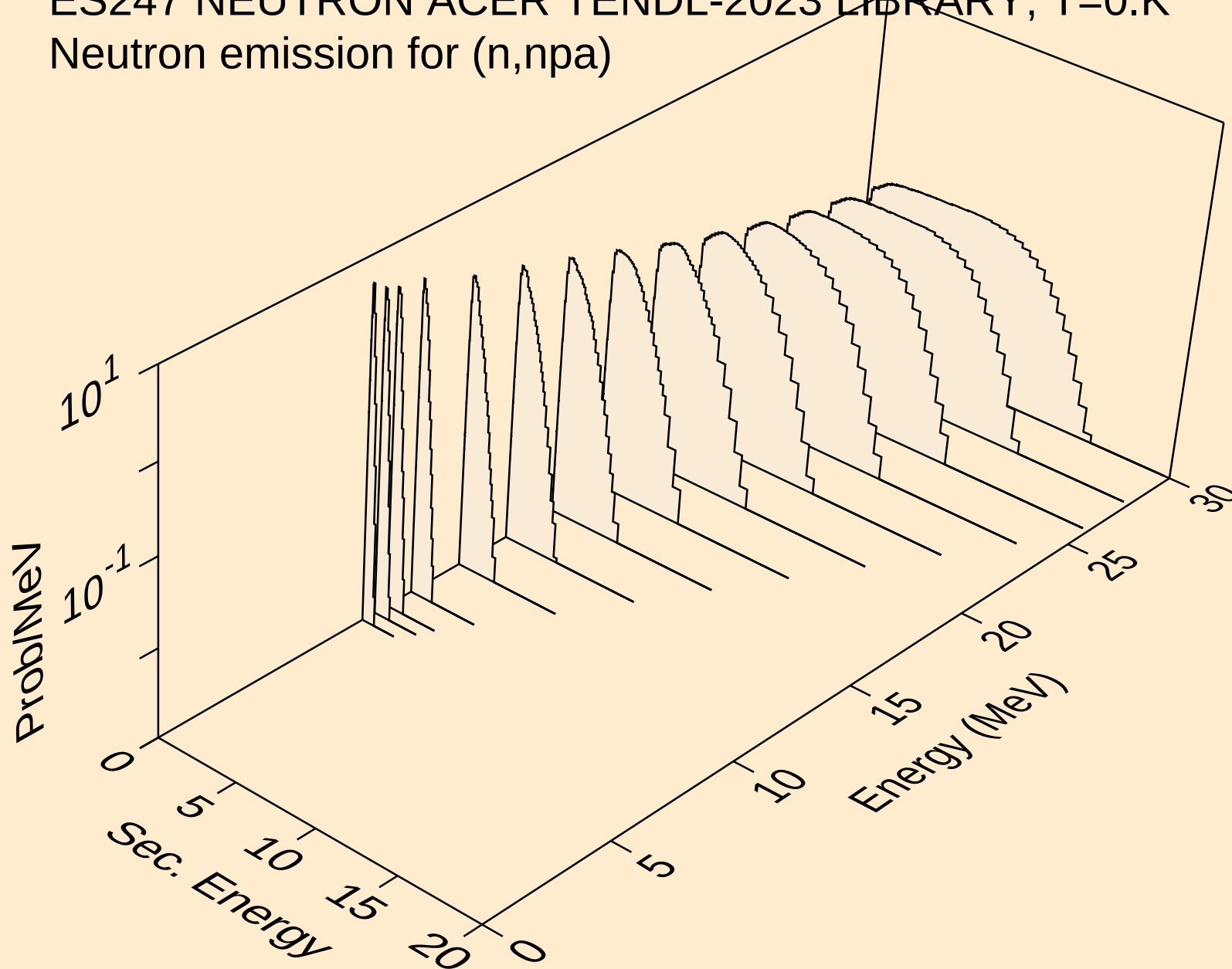
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



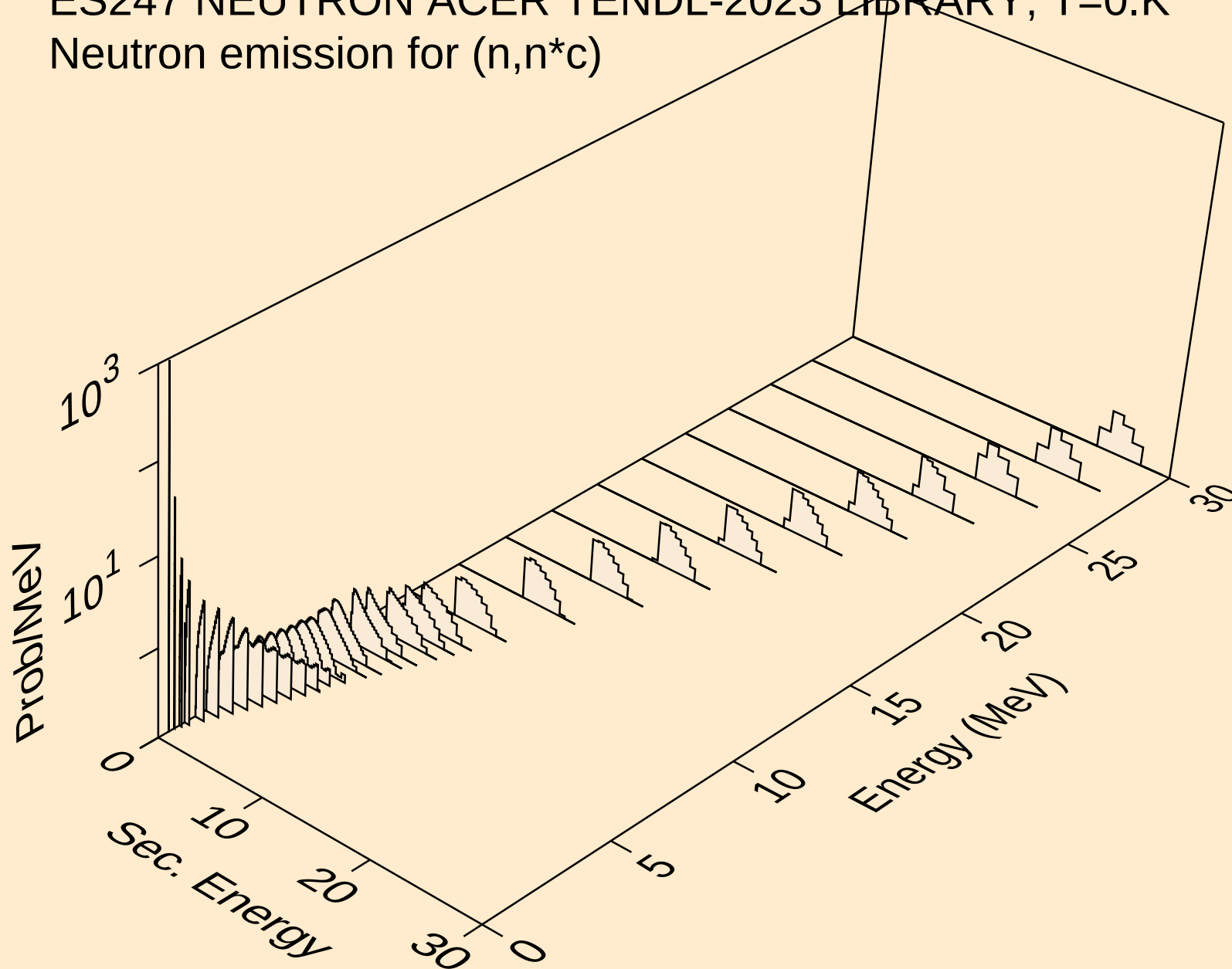
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

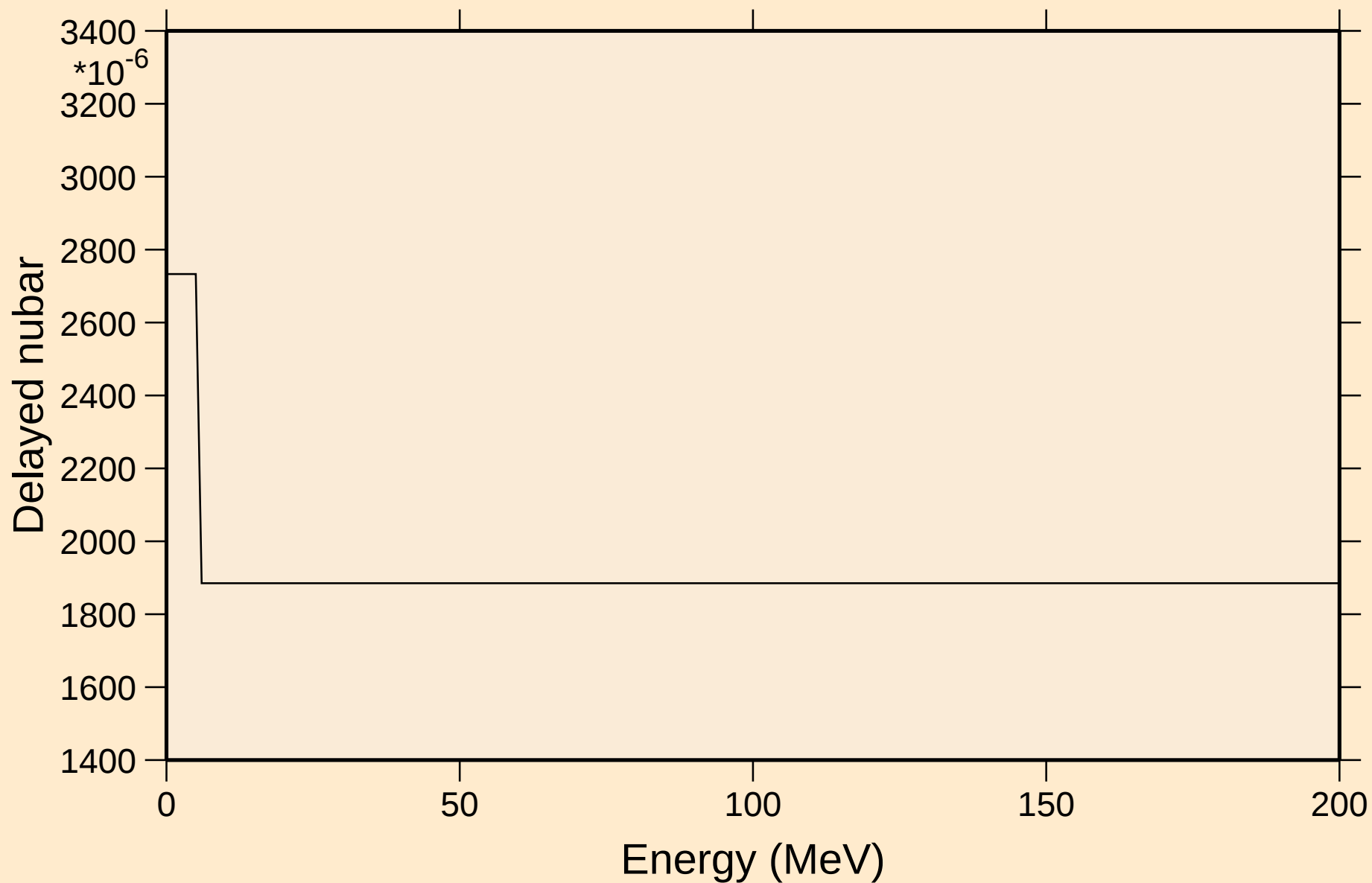


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



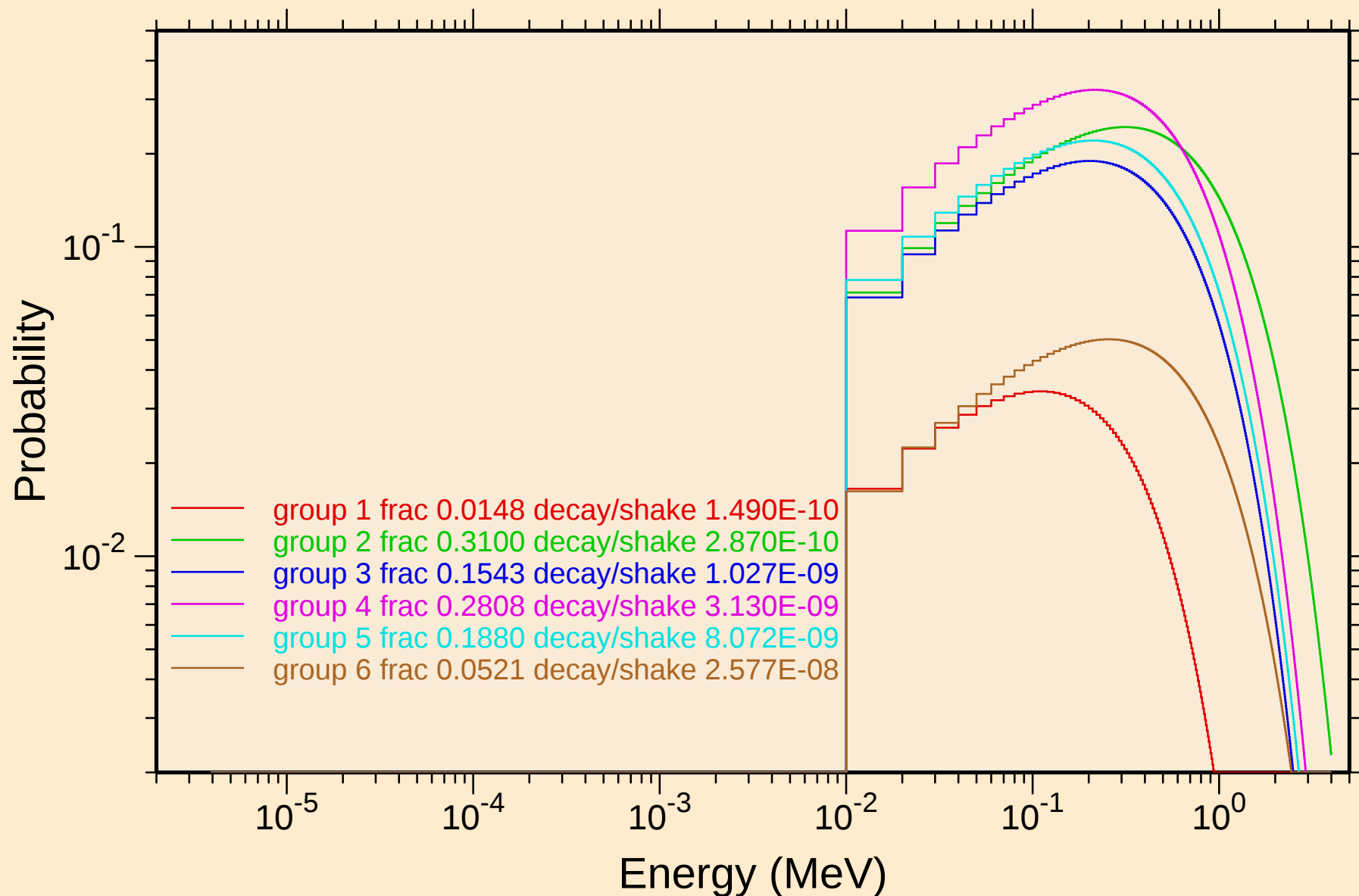
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Delayed nubar



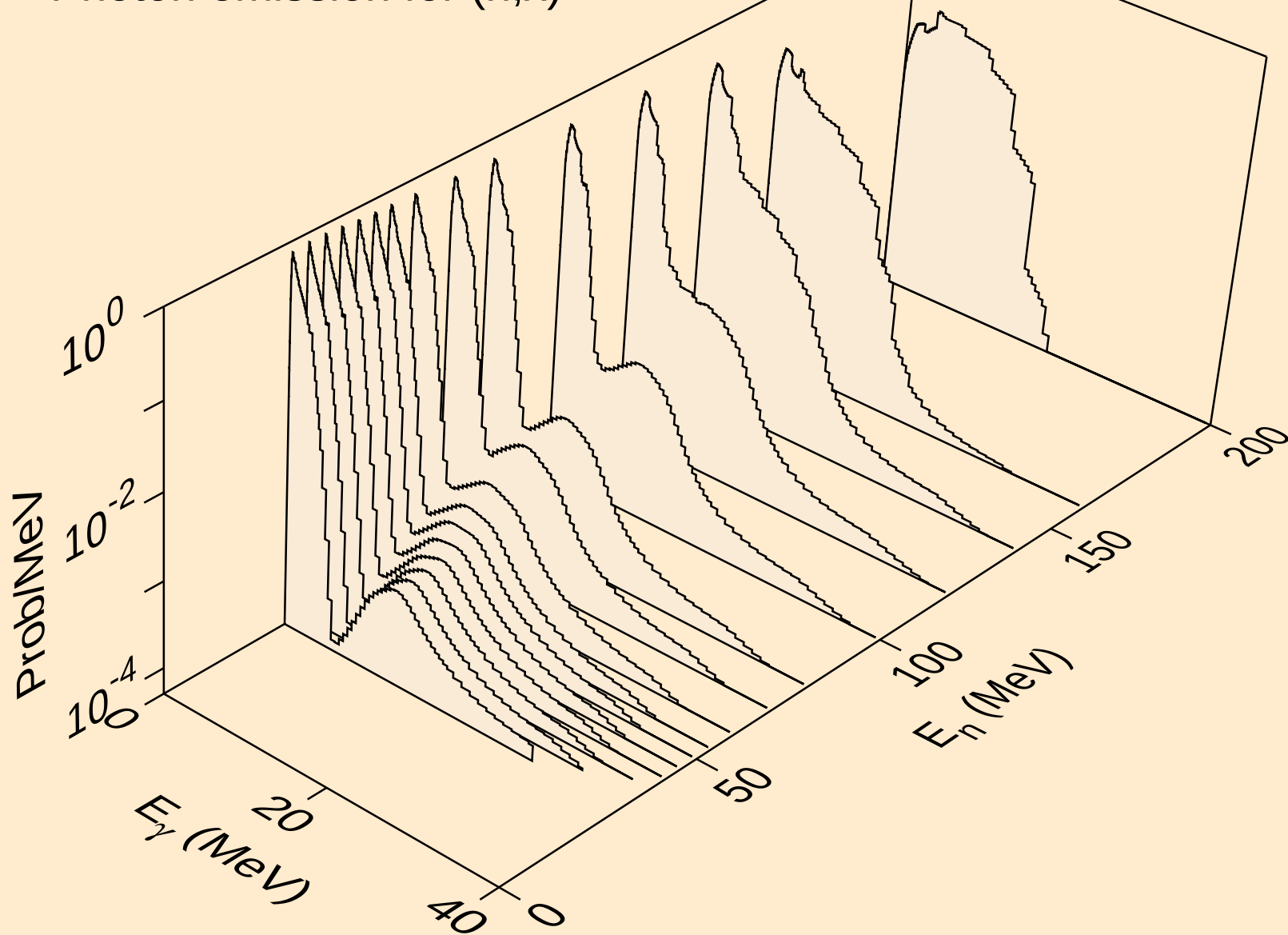
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed neutron spectra

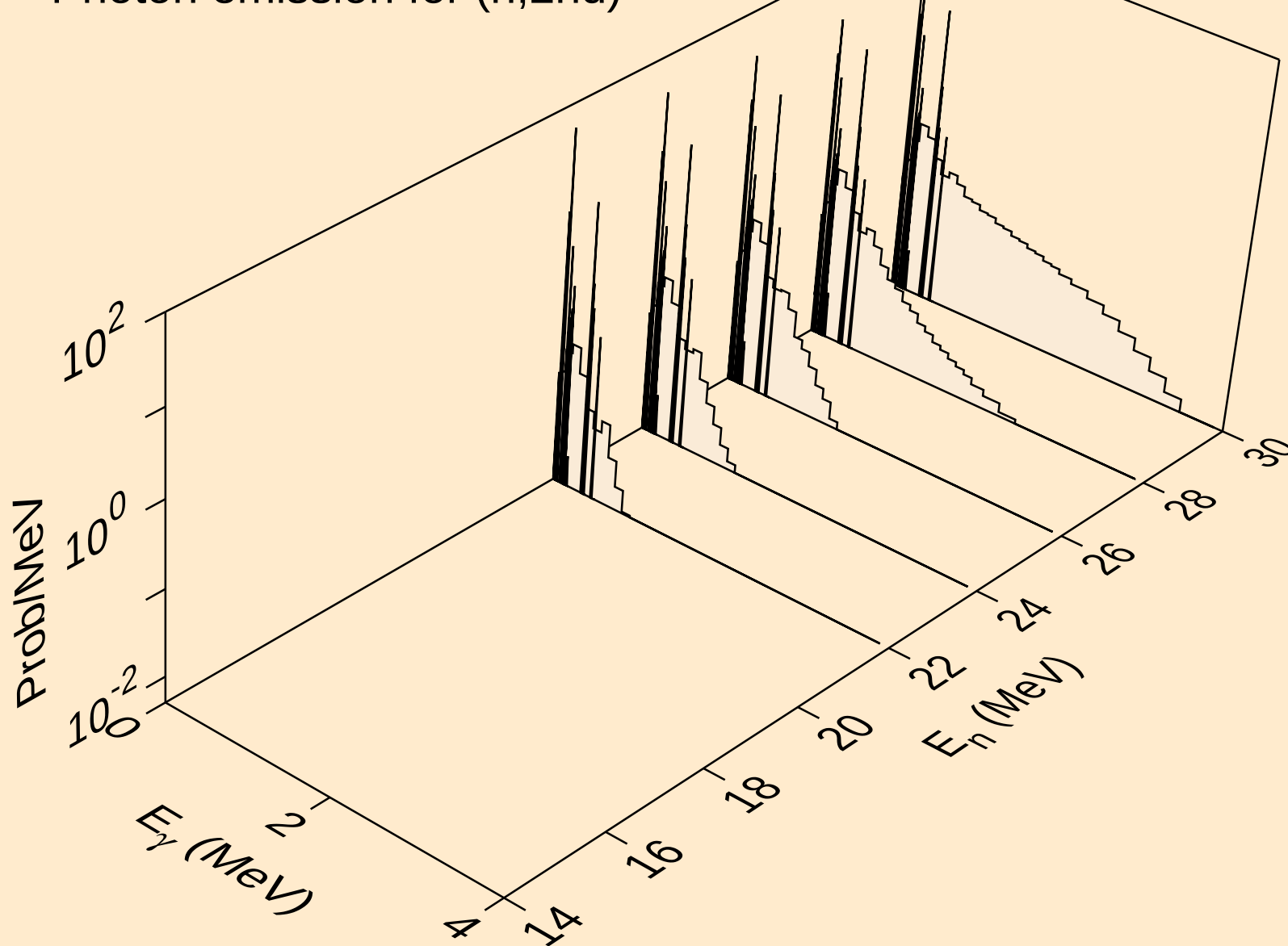


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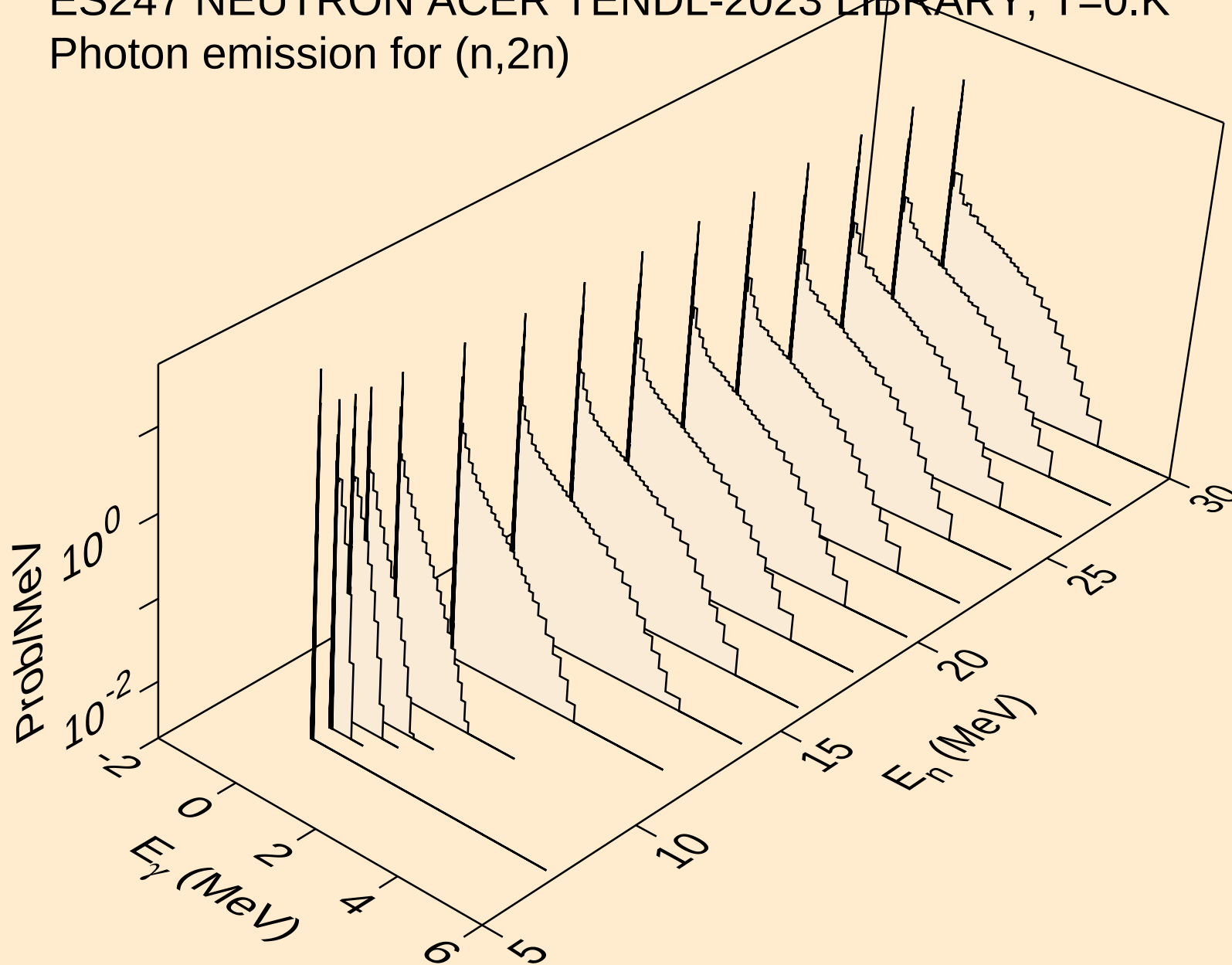
Photon emission for (n,x)



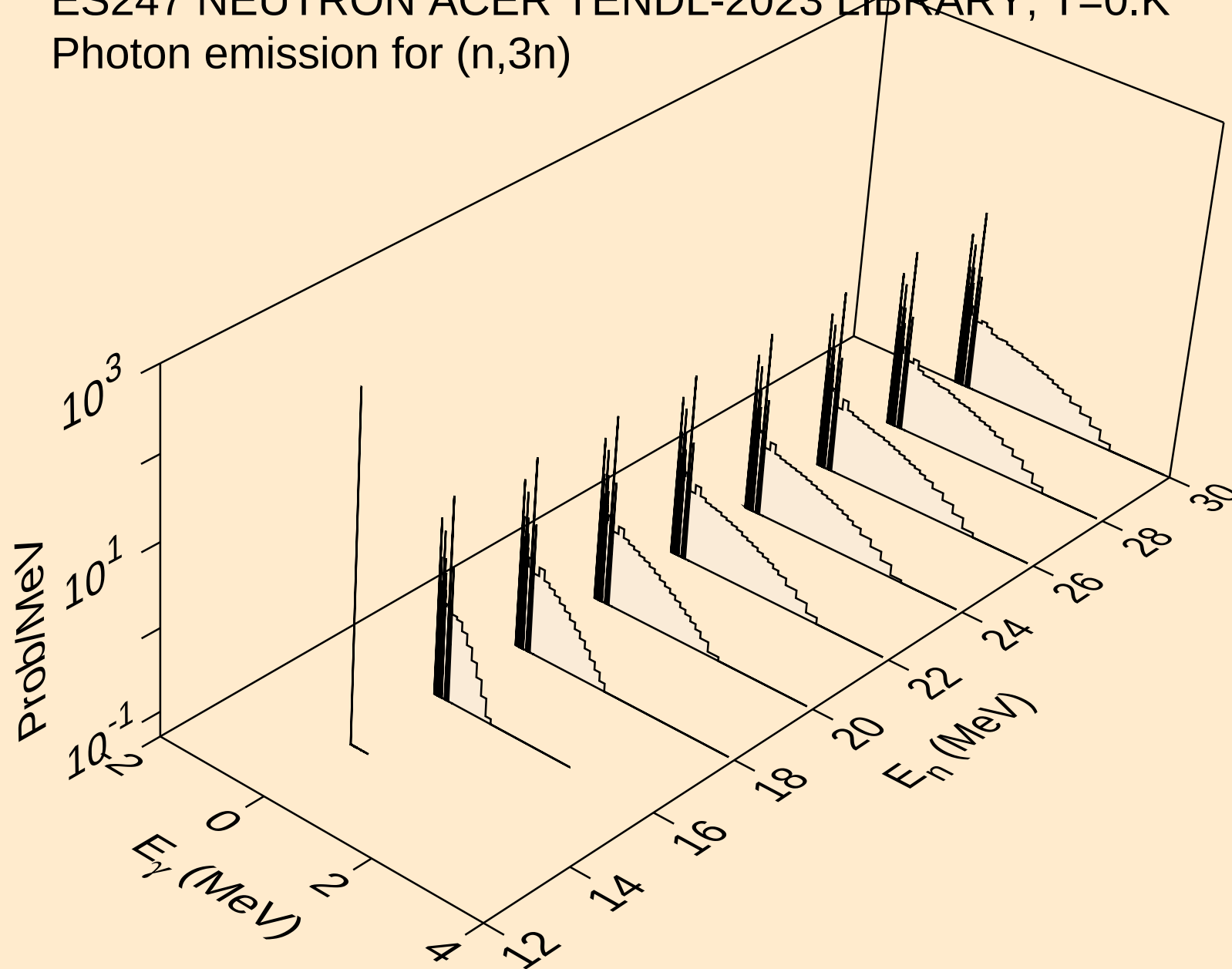
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

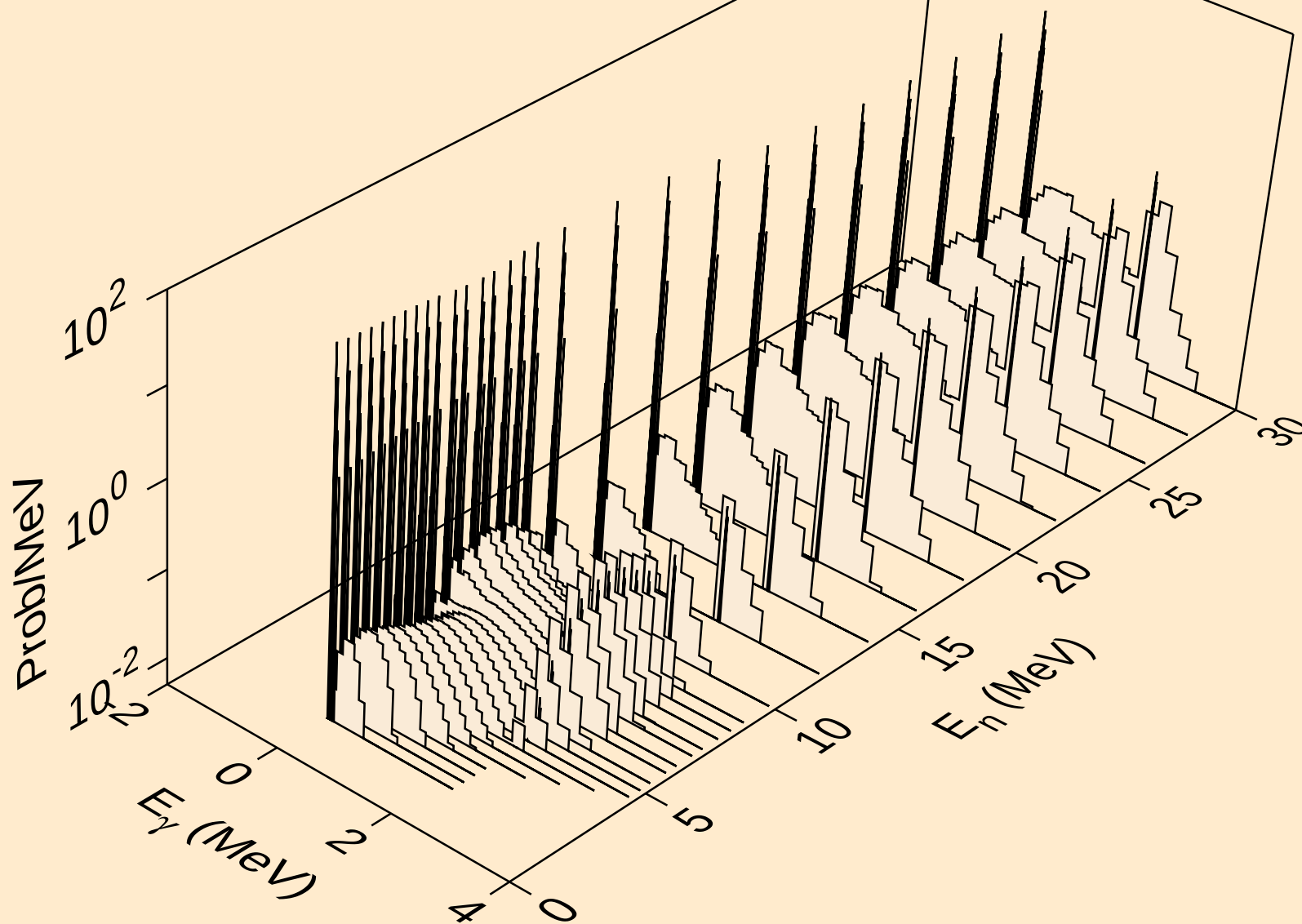


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



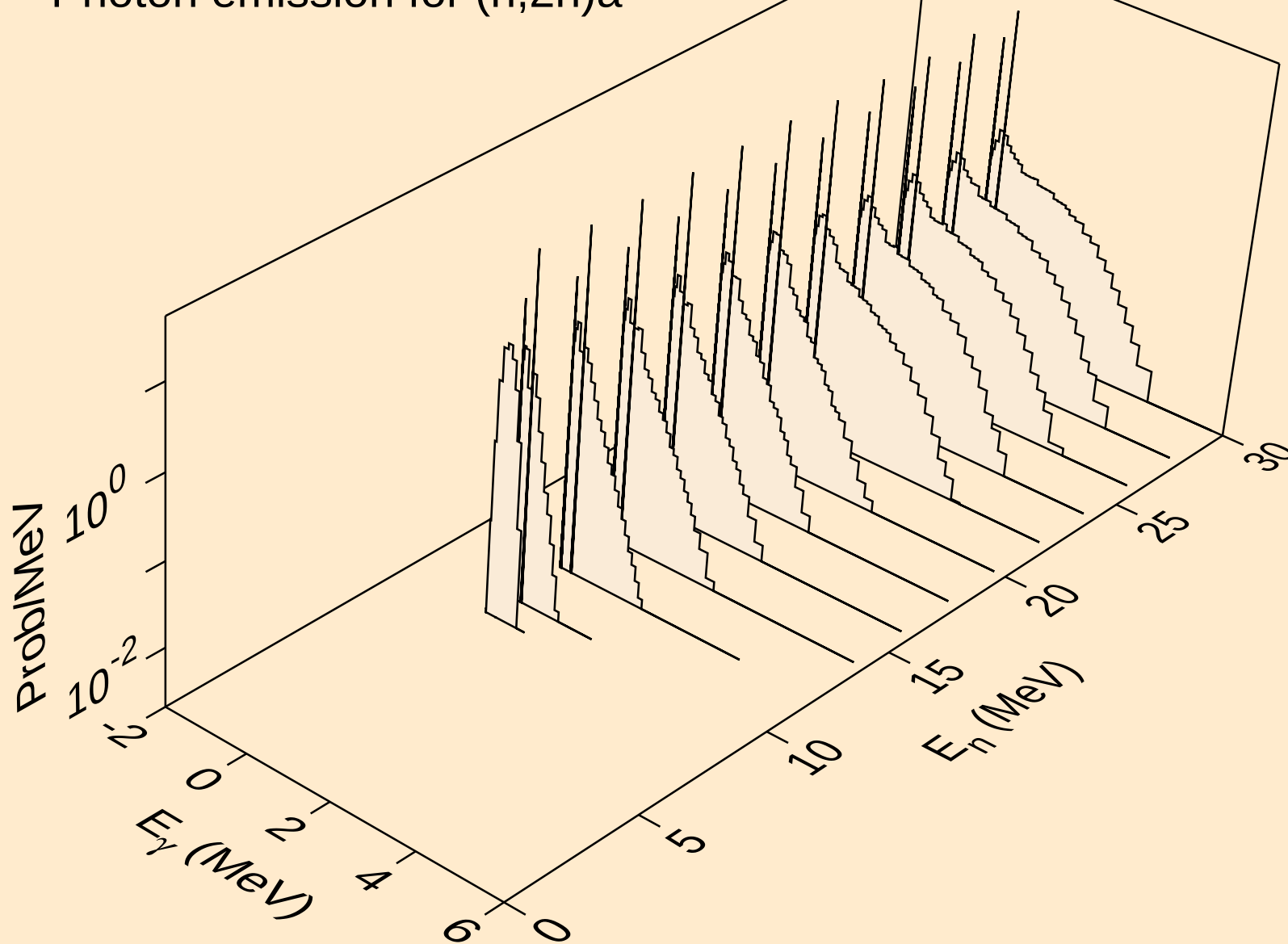
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



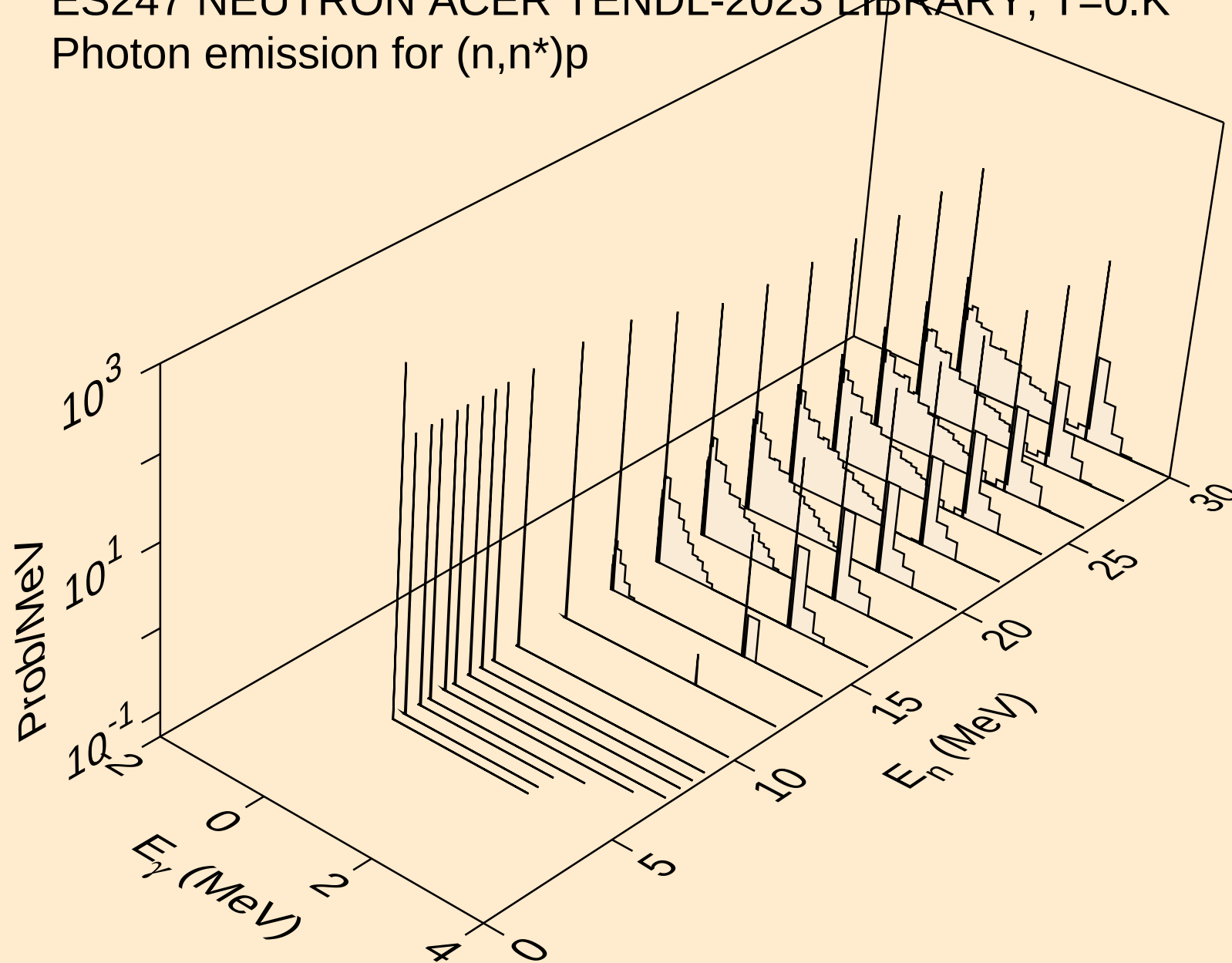
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



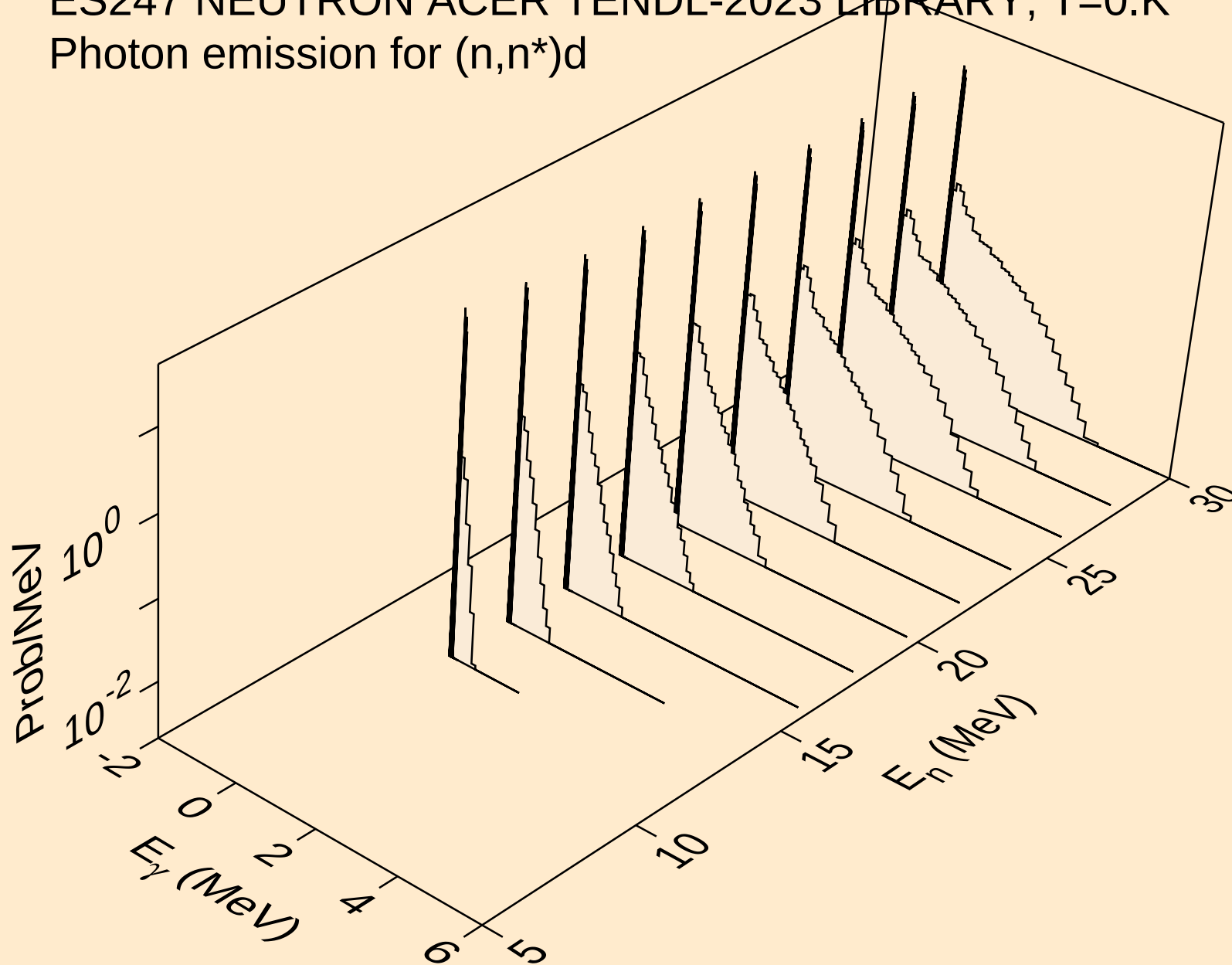
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



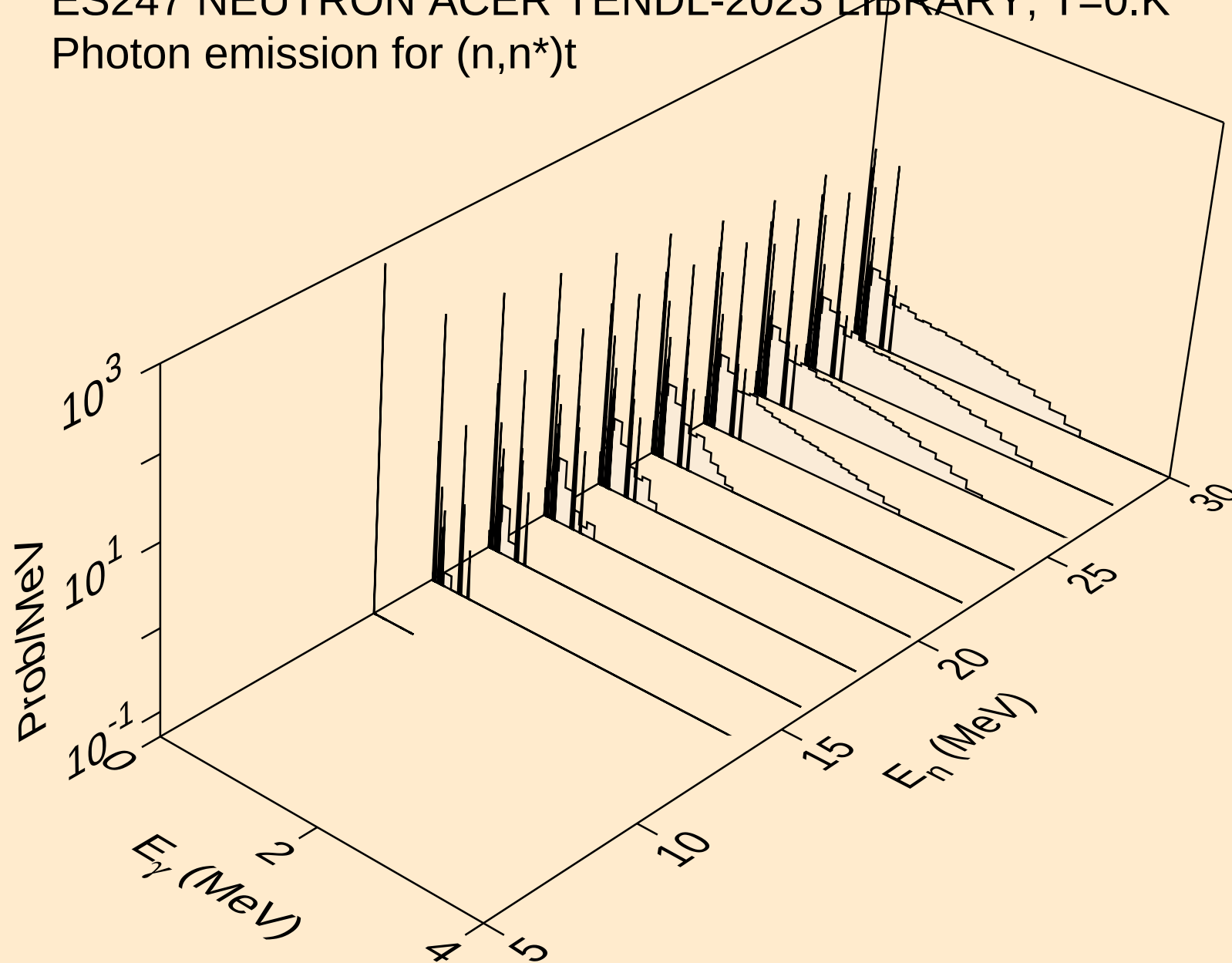
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



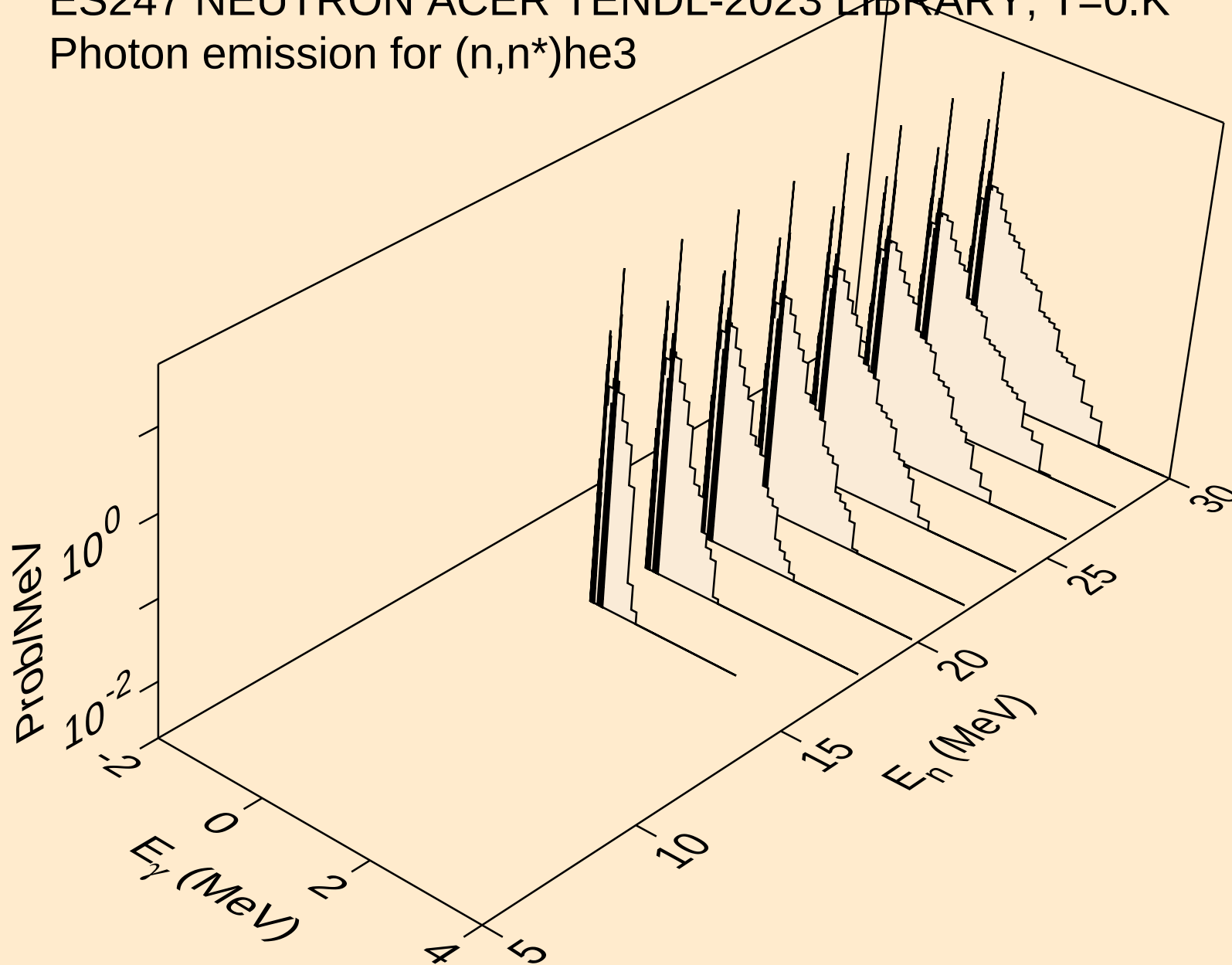
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

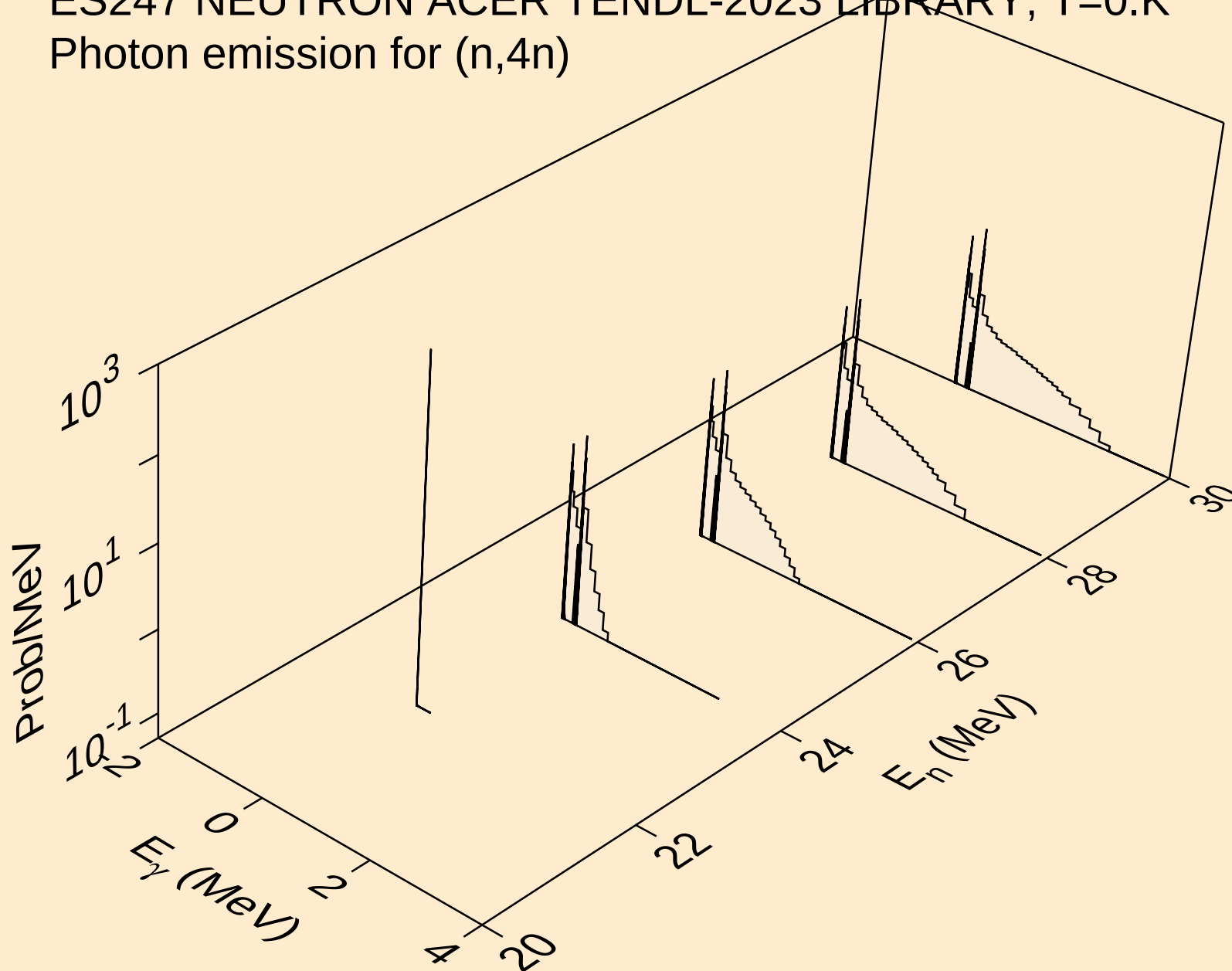


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

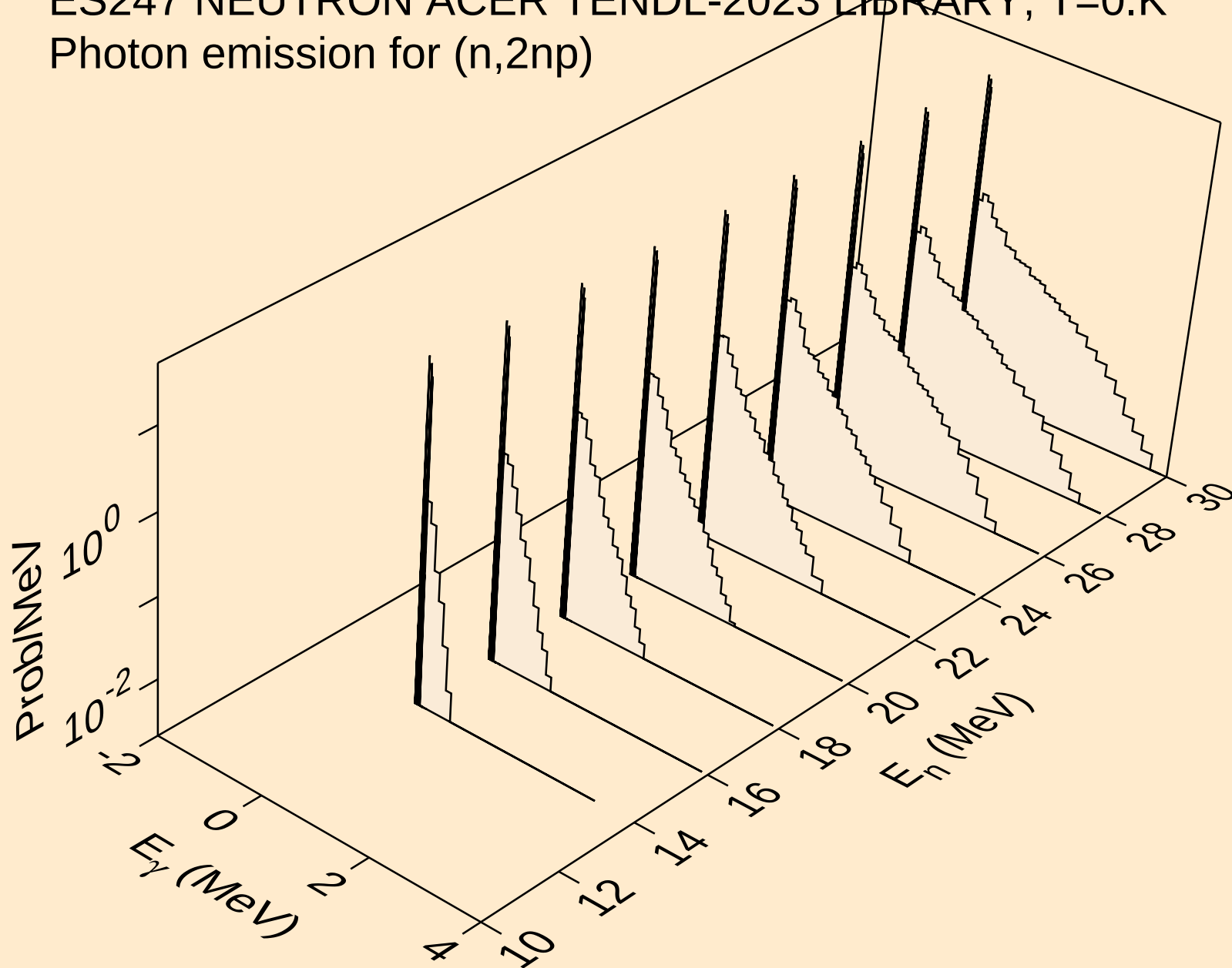
Photon emission for (n,n*)he3



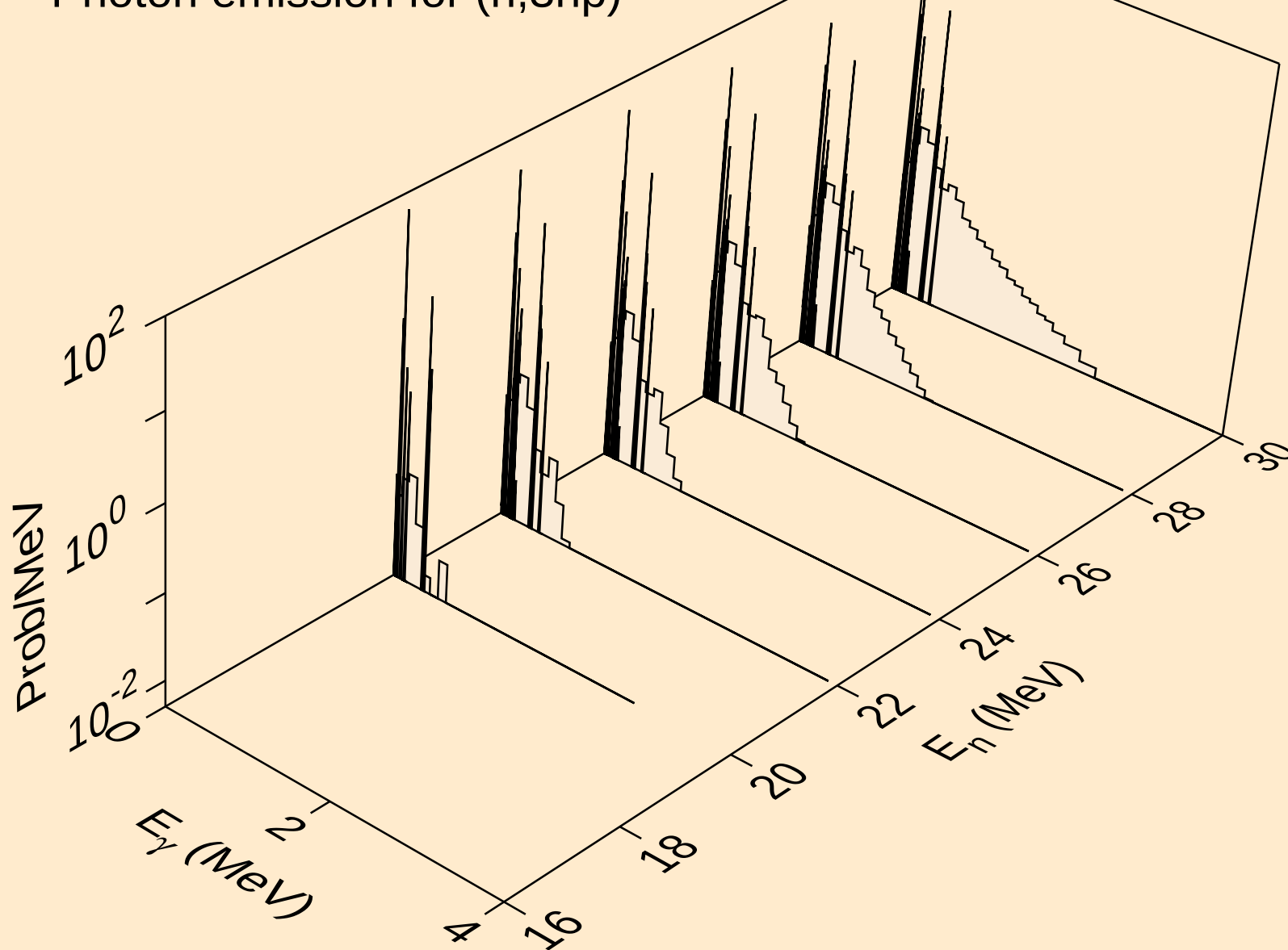
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)

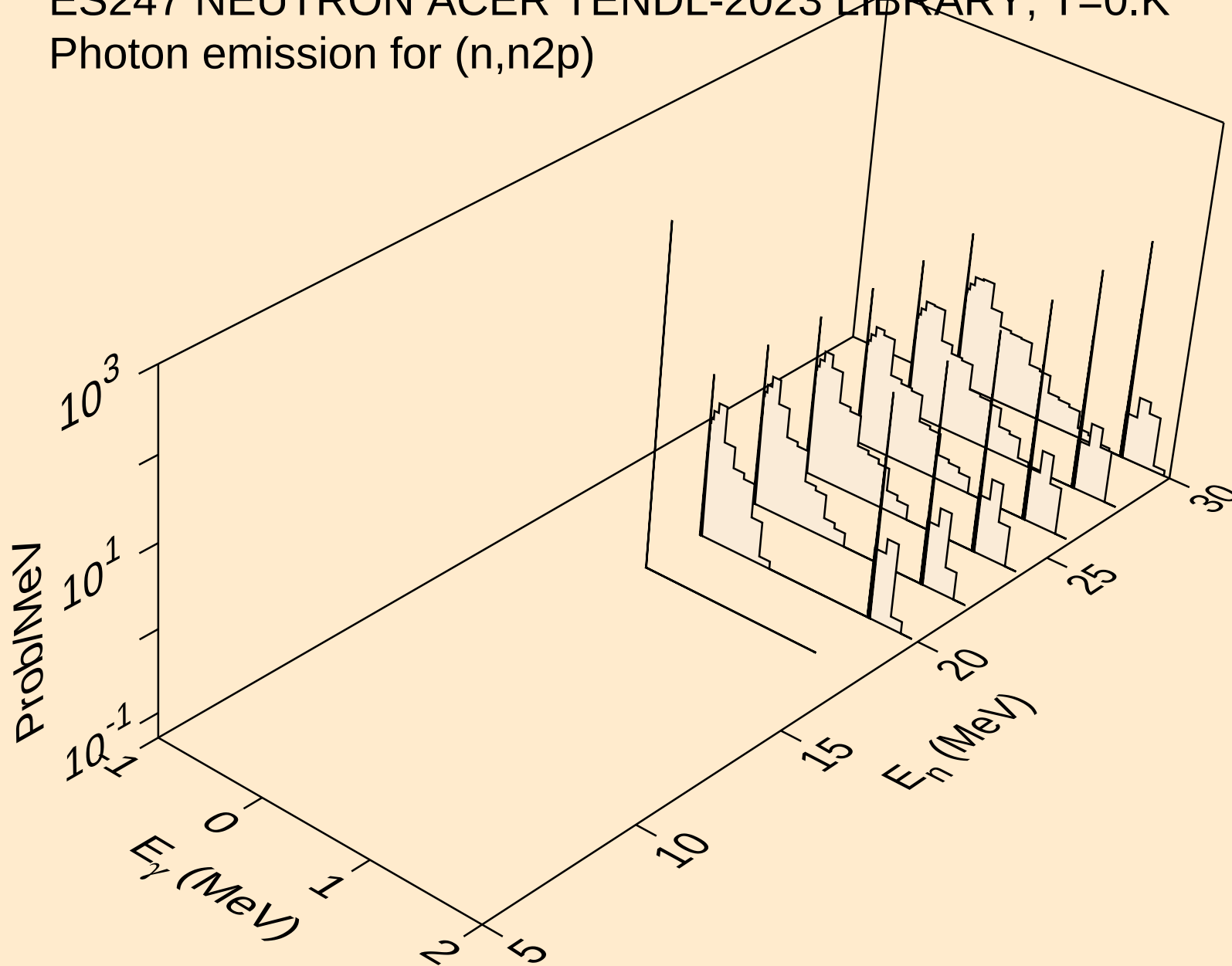


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)

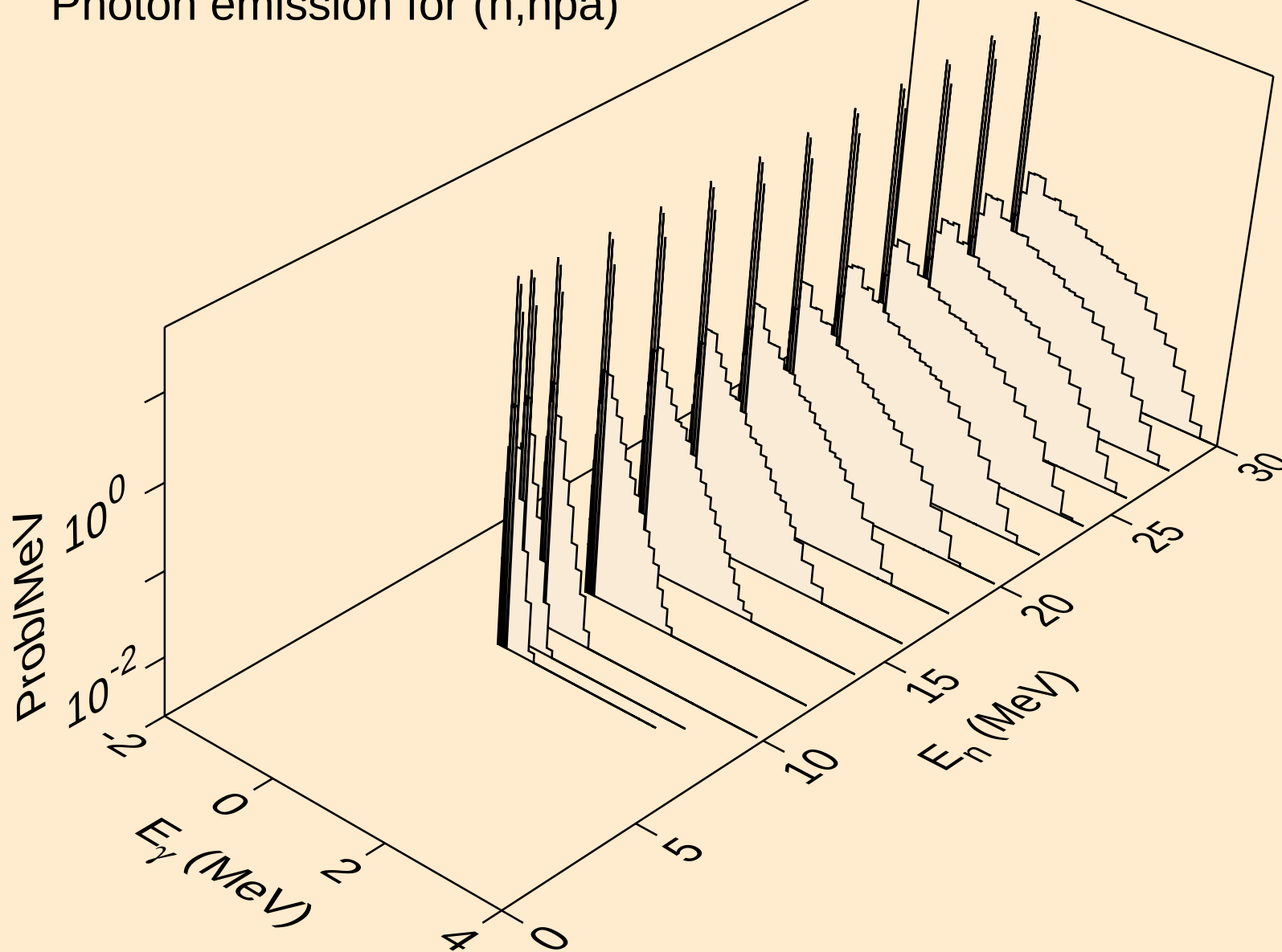


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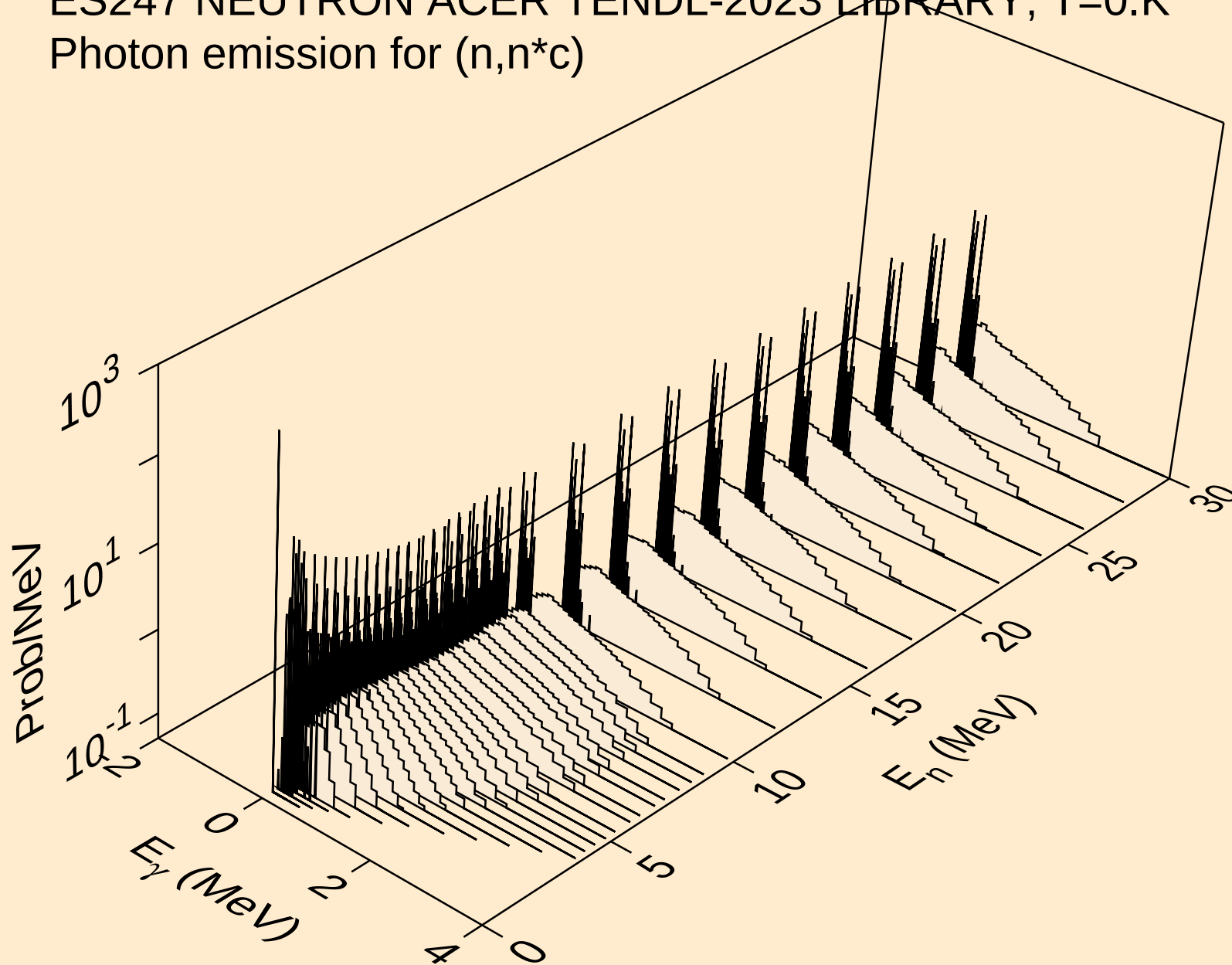
Photon emission for (n,n2p)



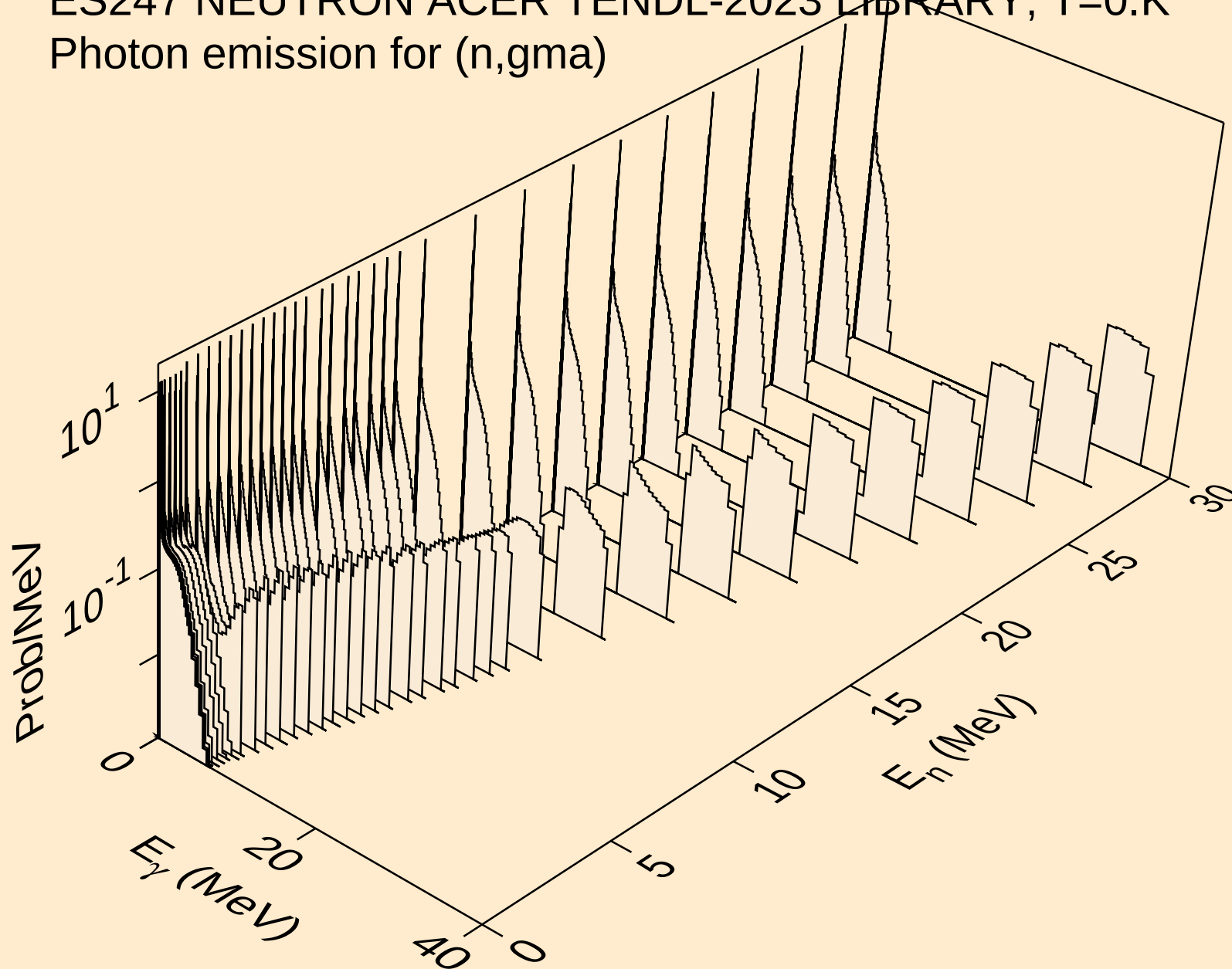
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



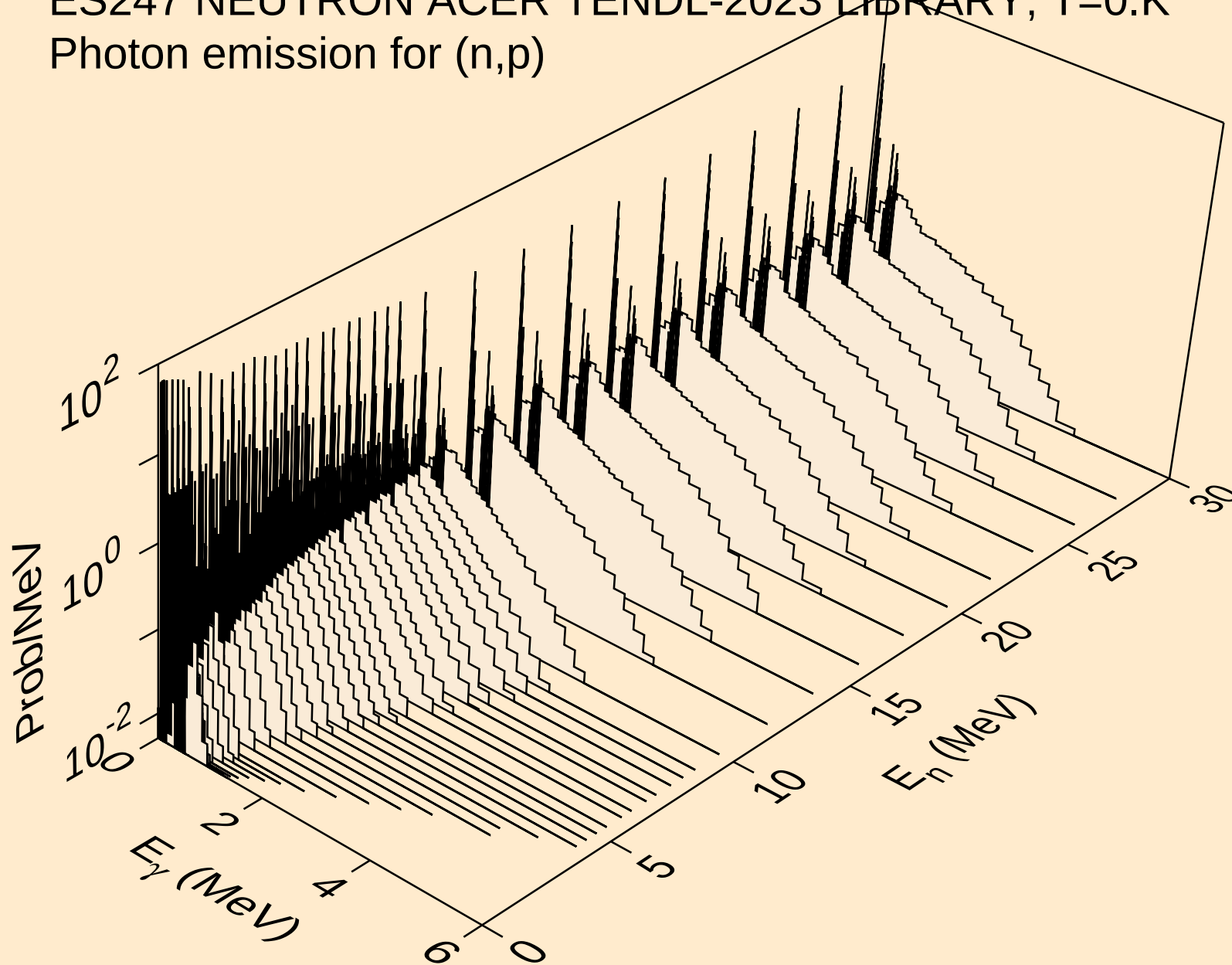
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



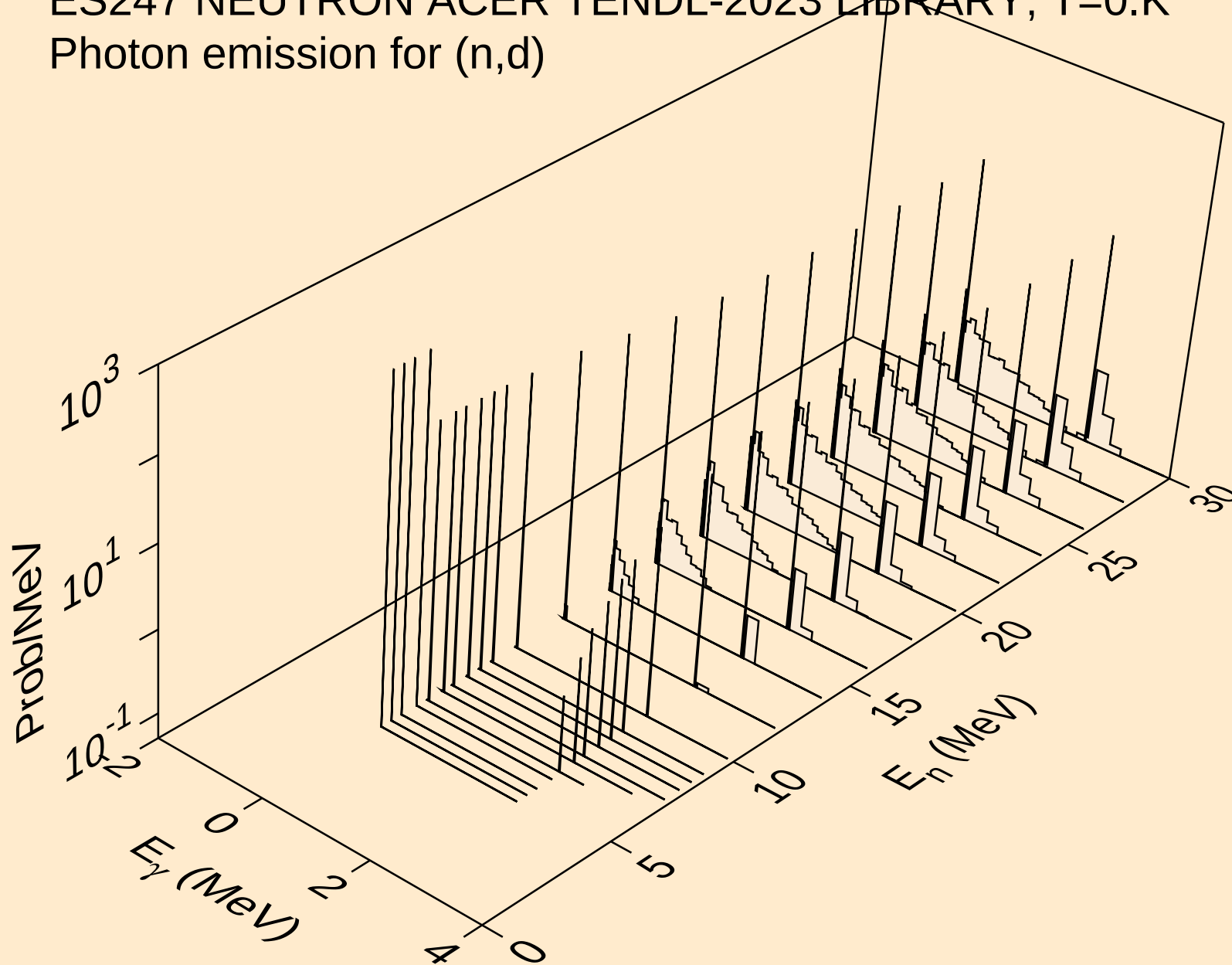
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



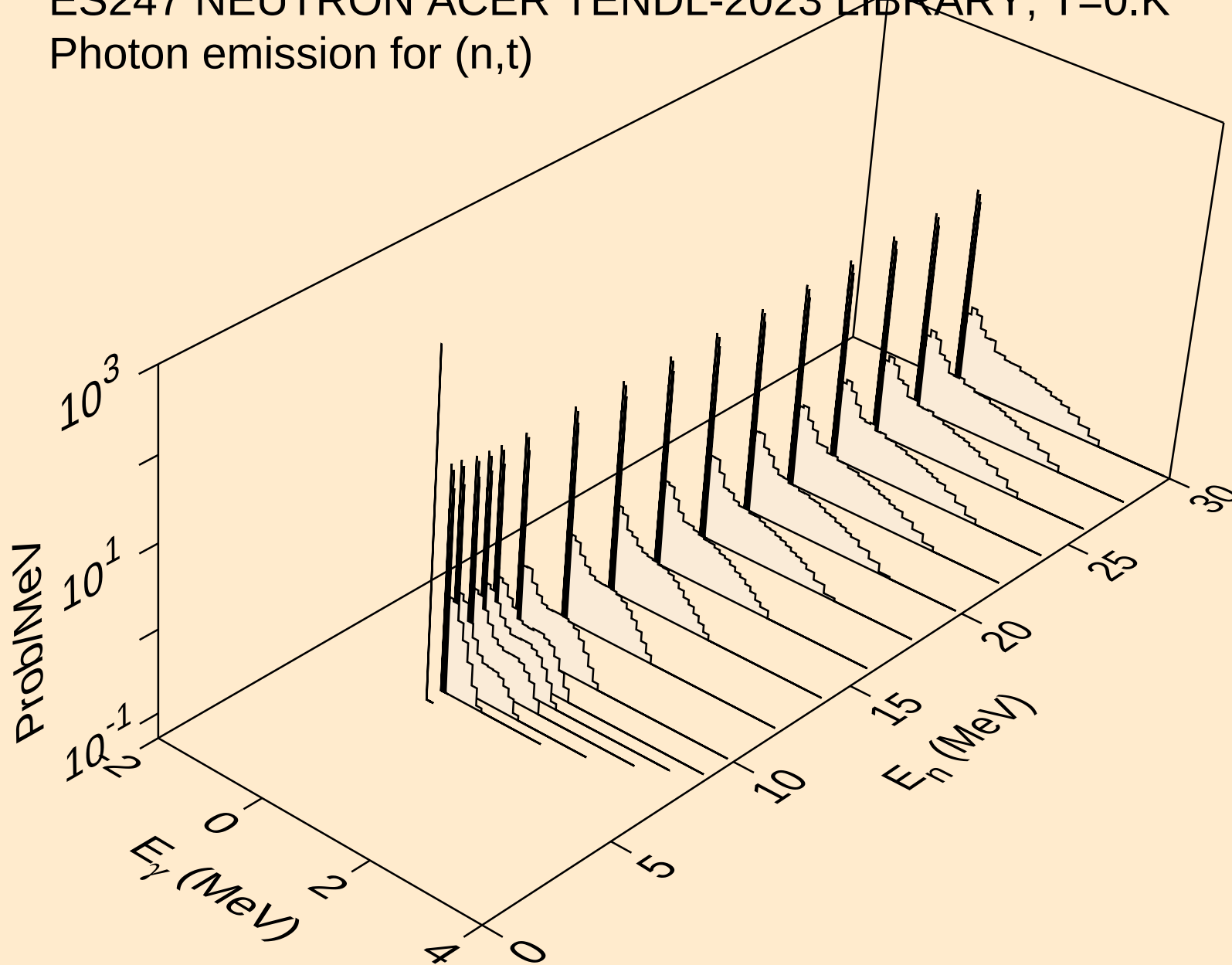
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



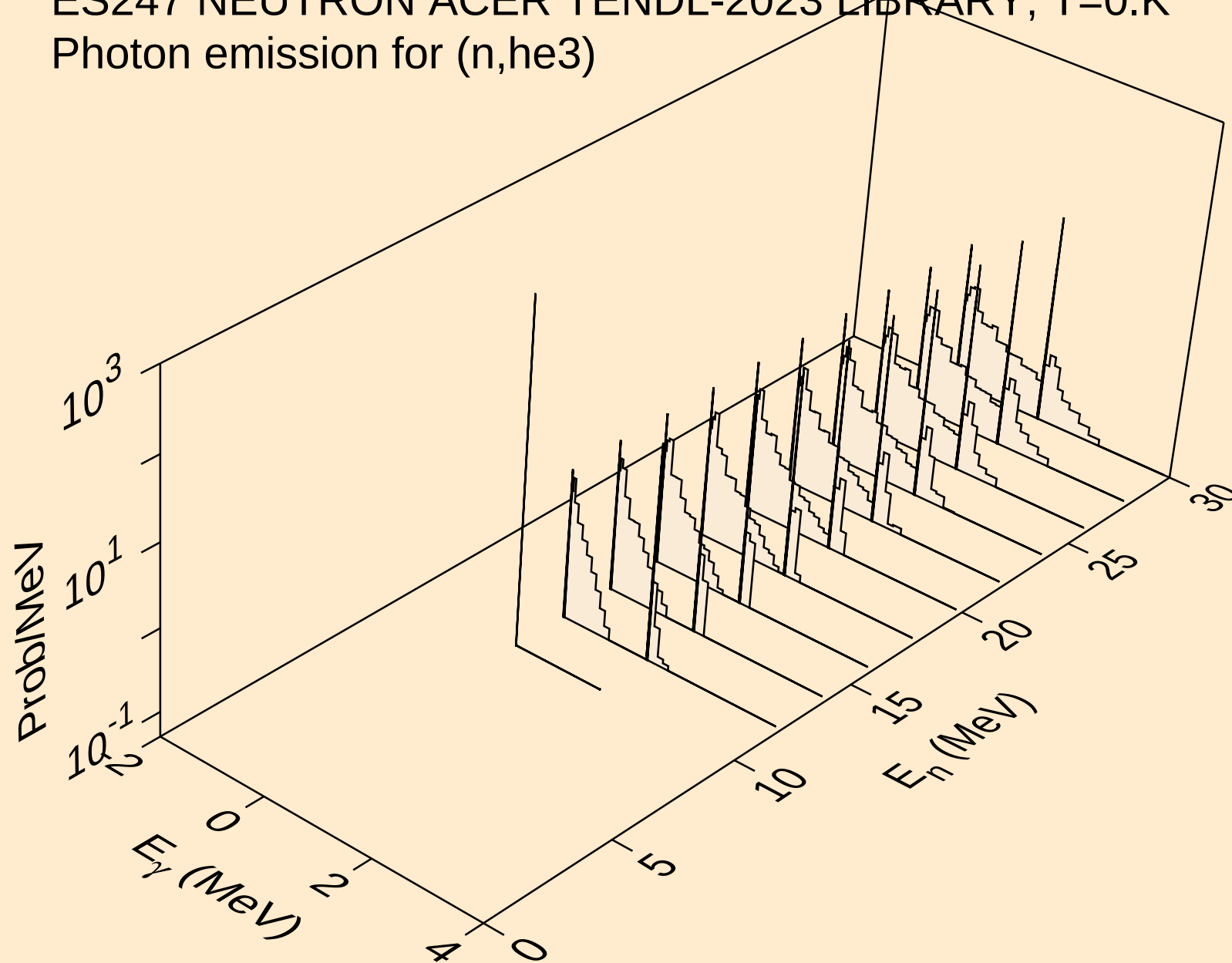
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



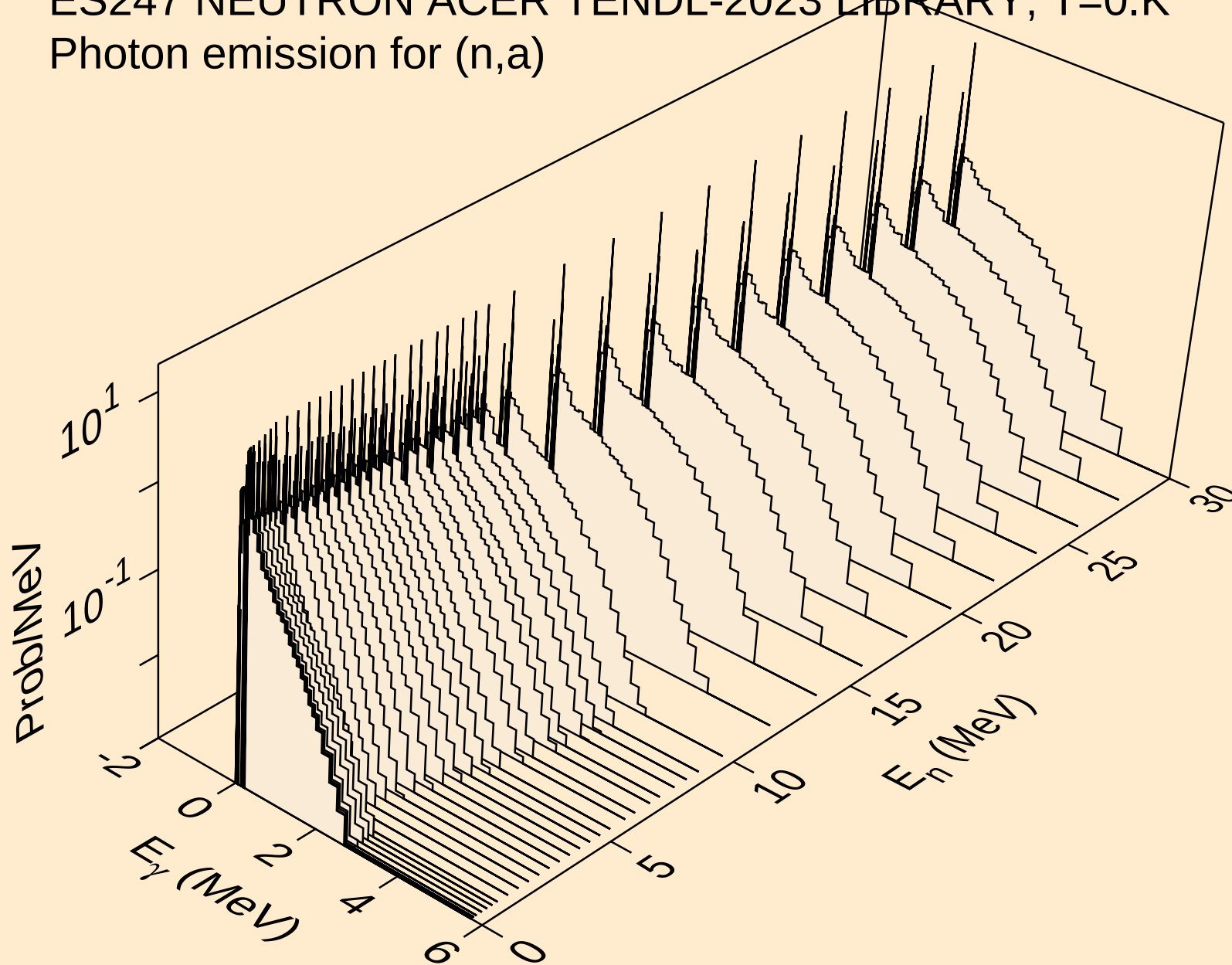
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



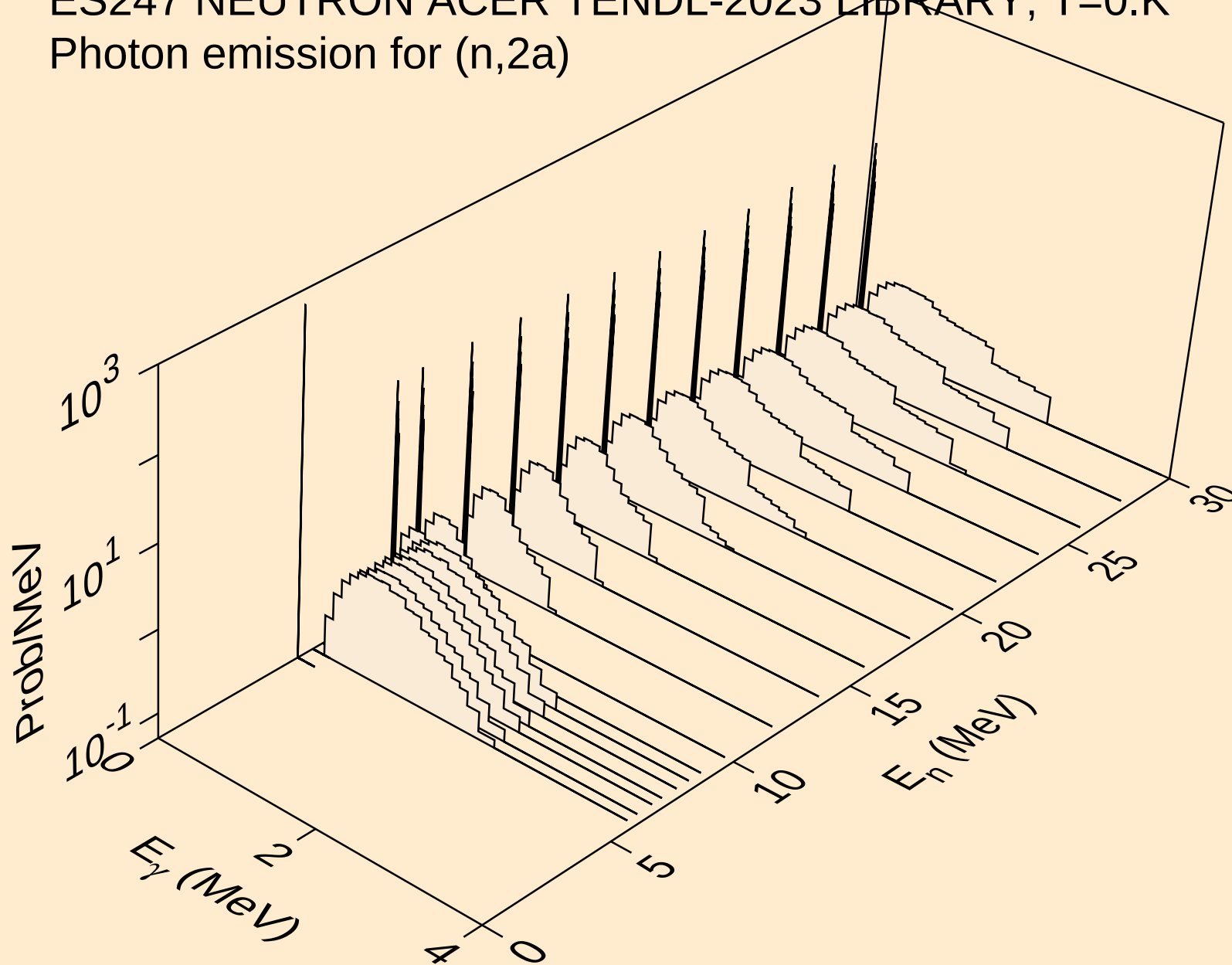
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



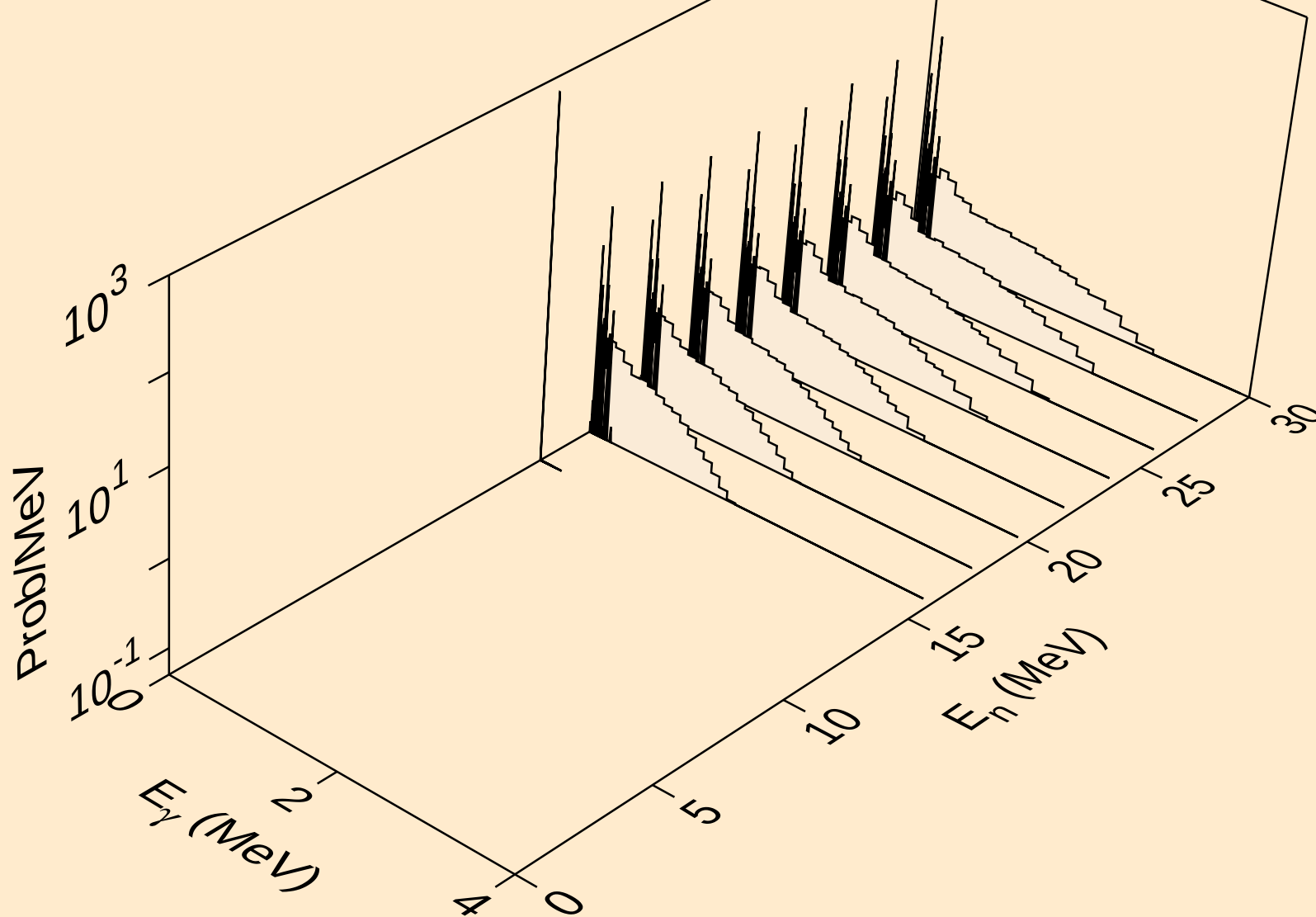
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



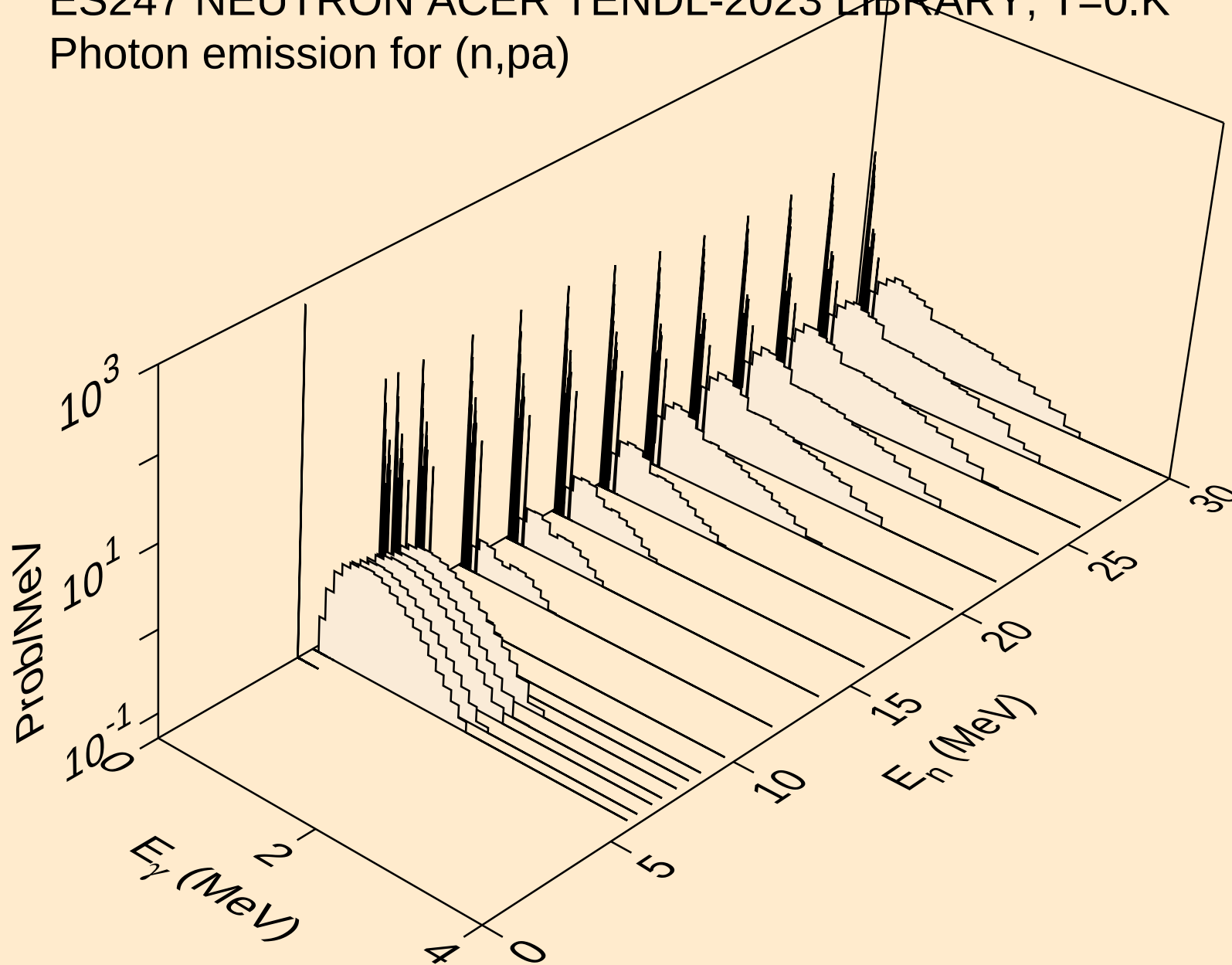
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



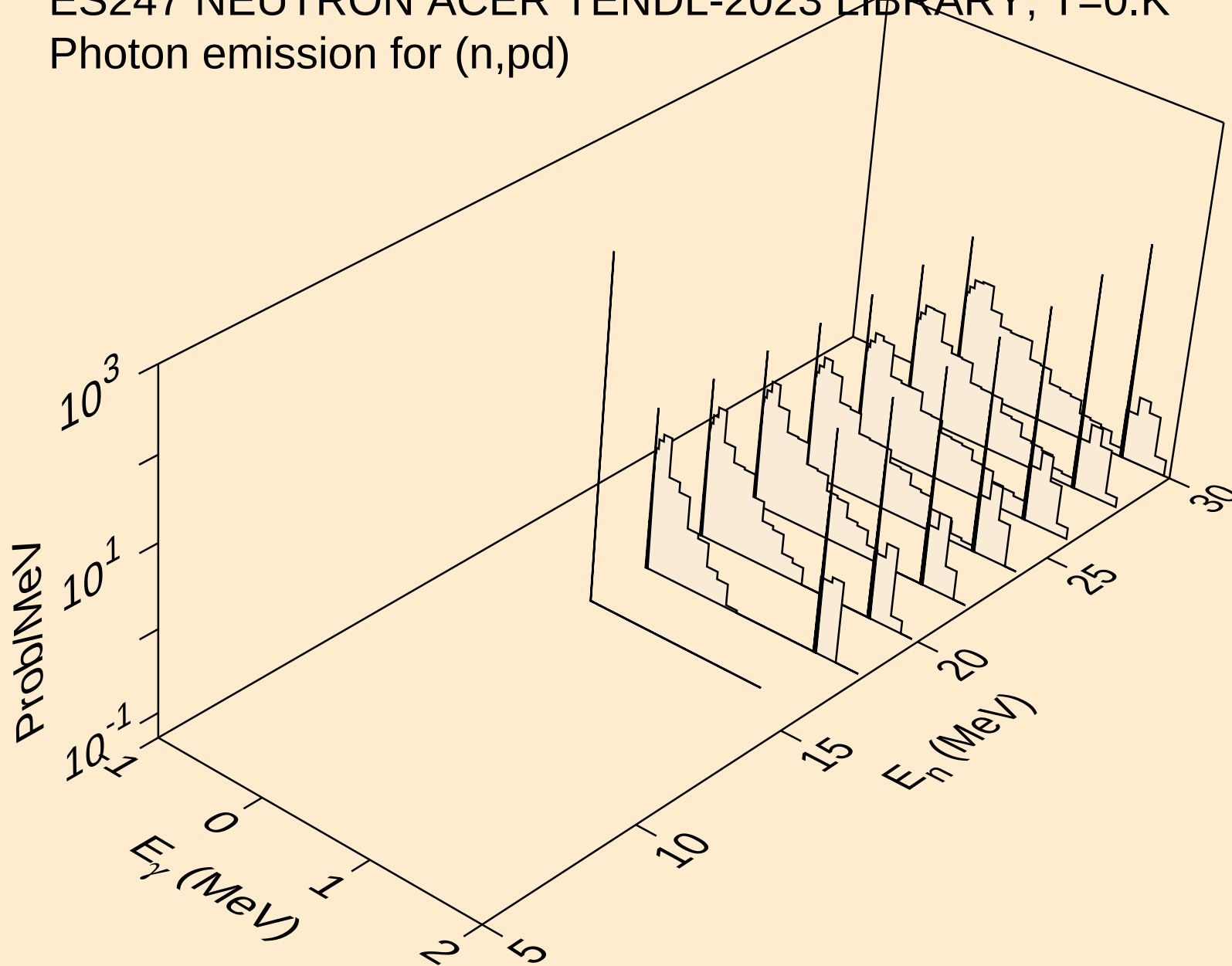
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



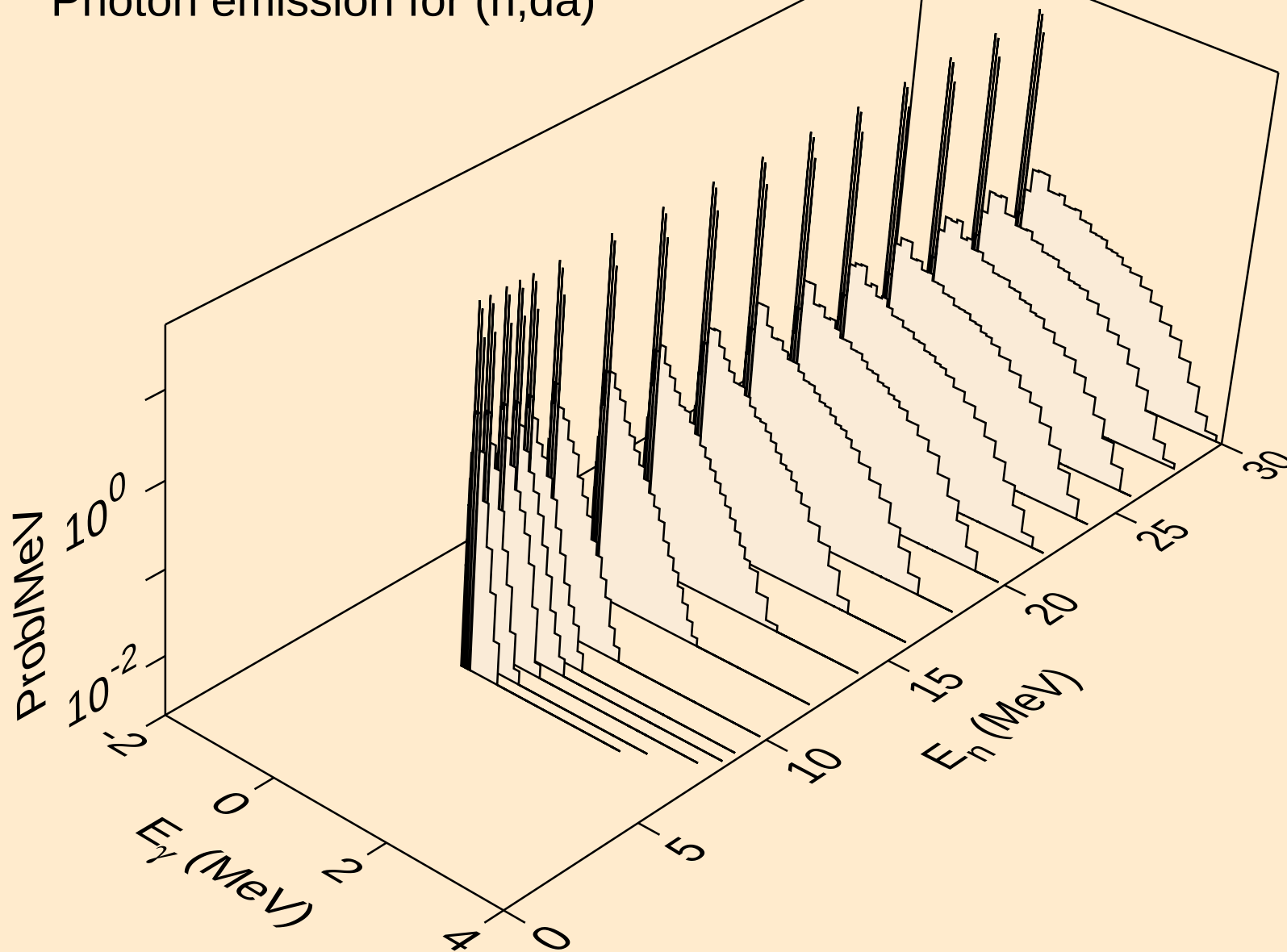
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



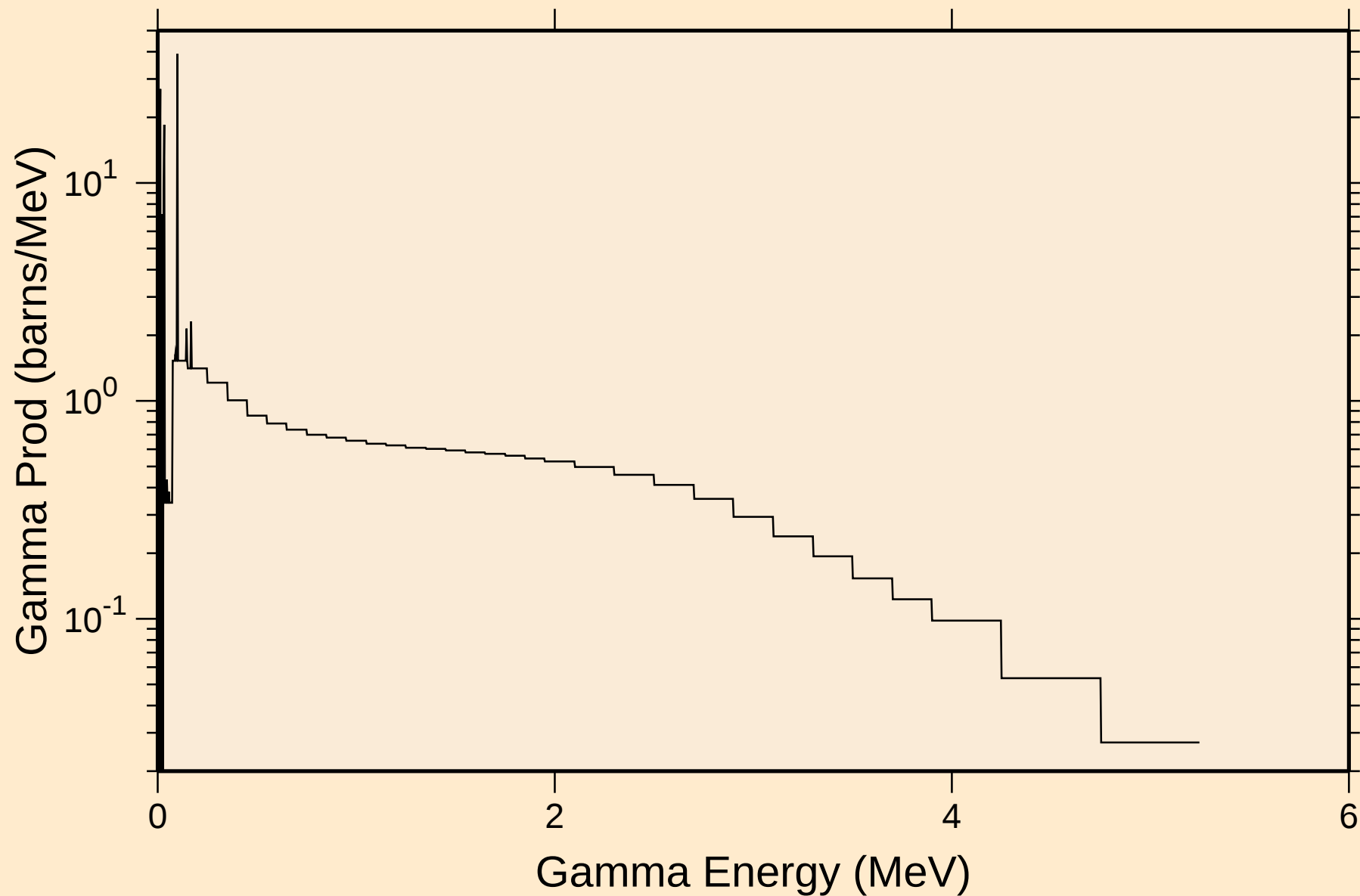
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



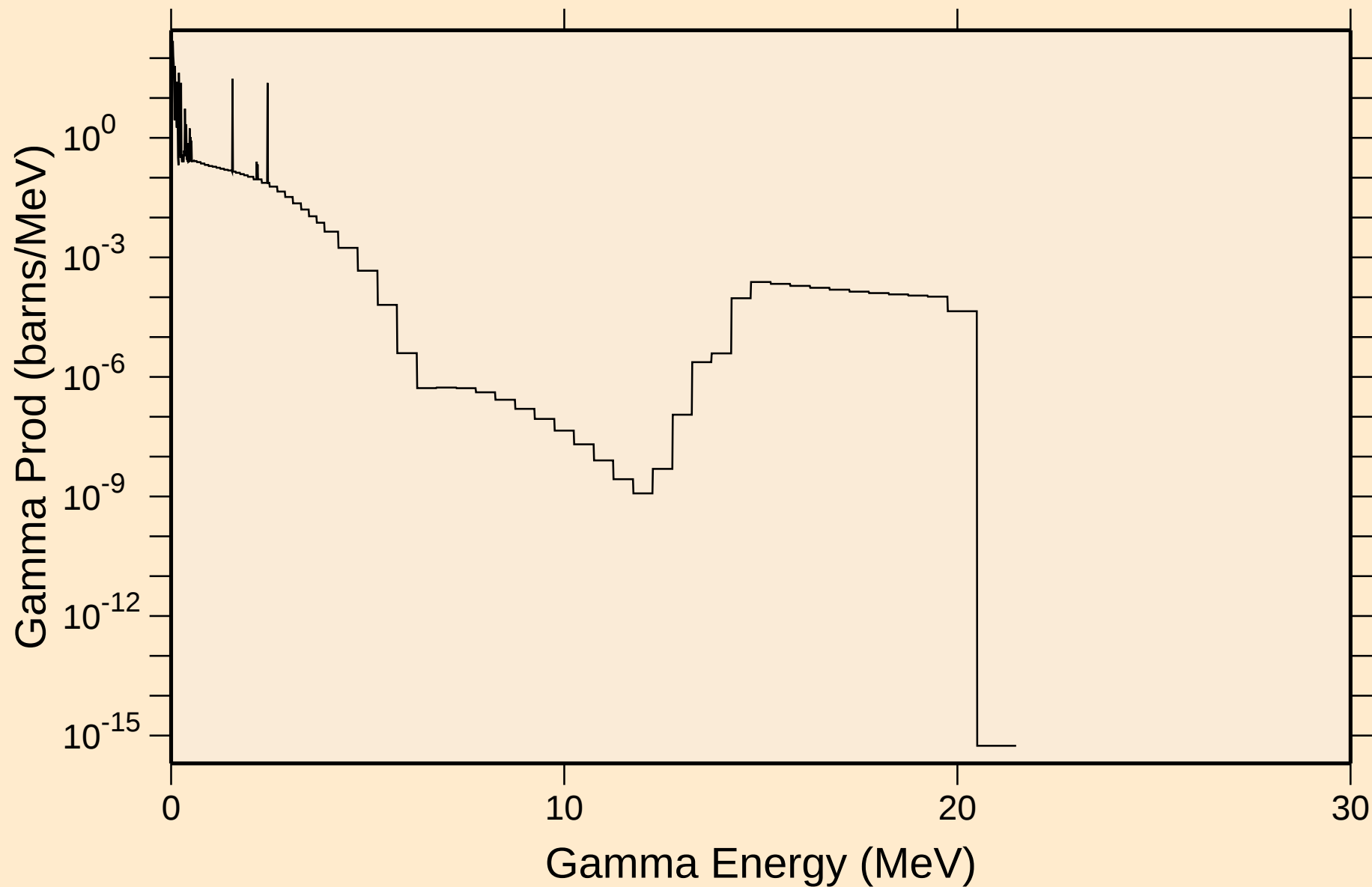
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

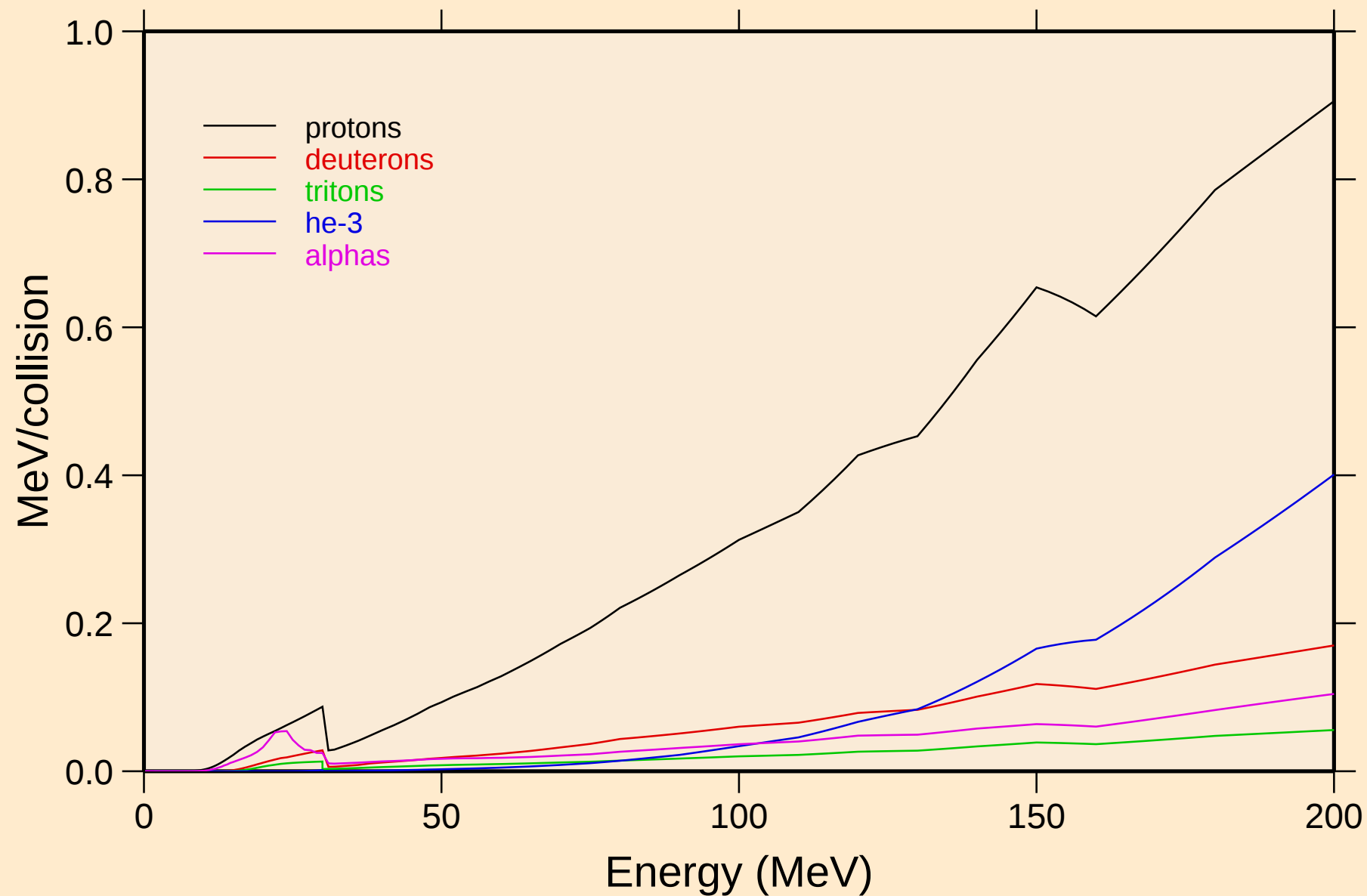


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



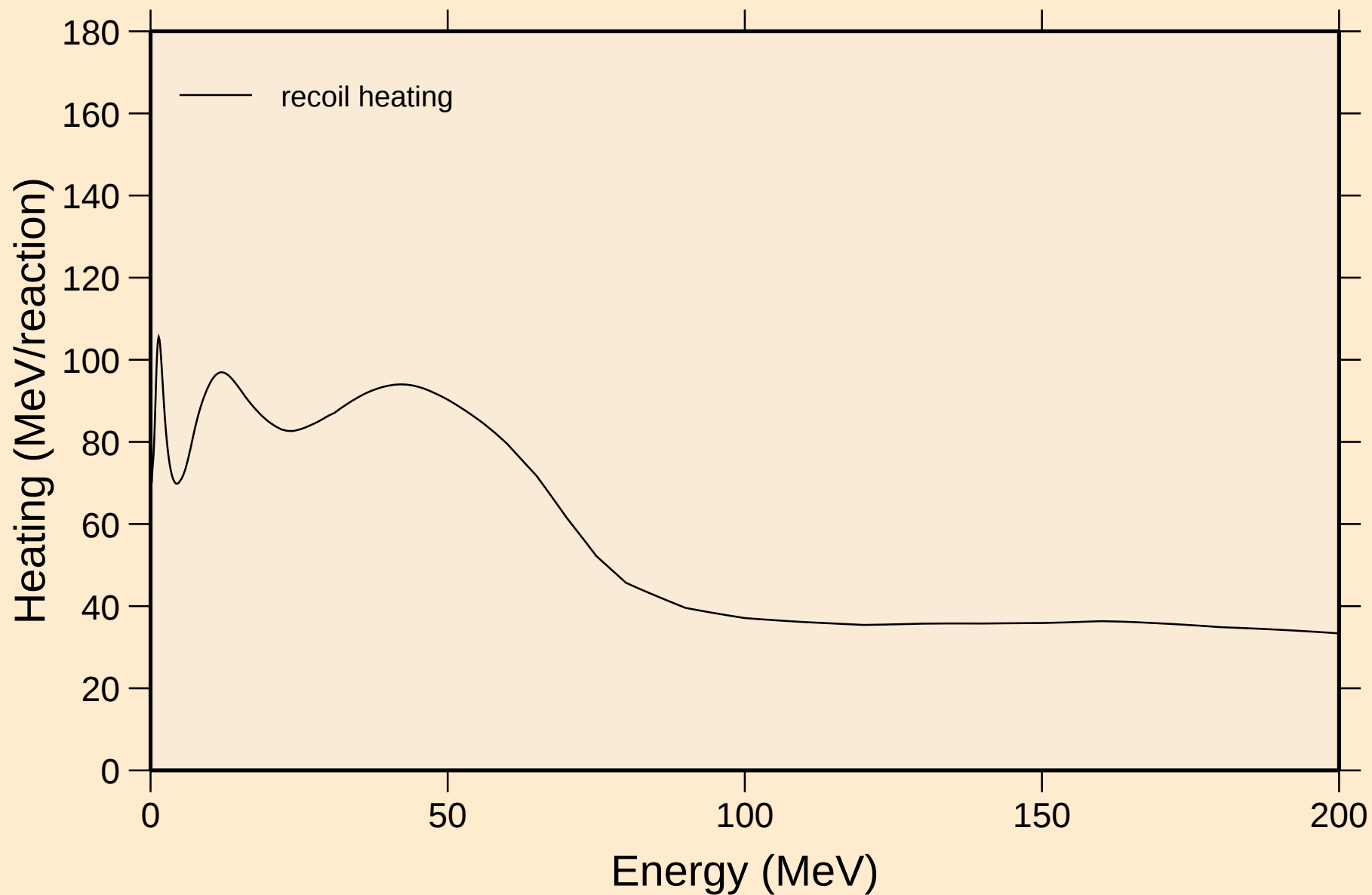
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



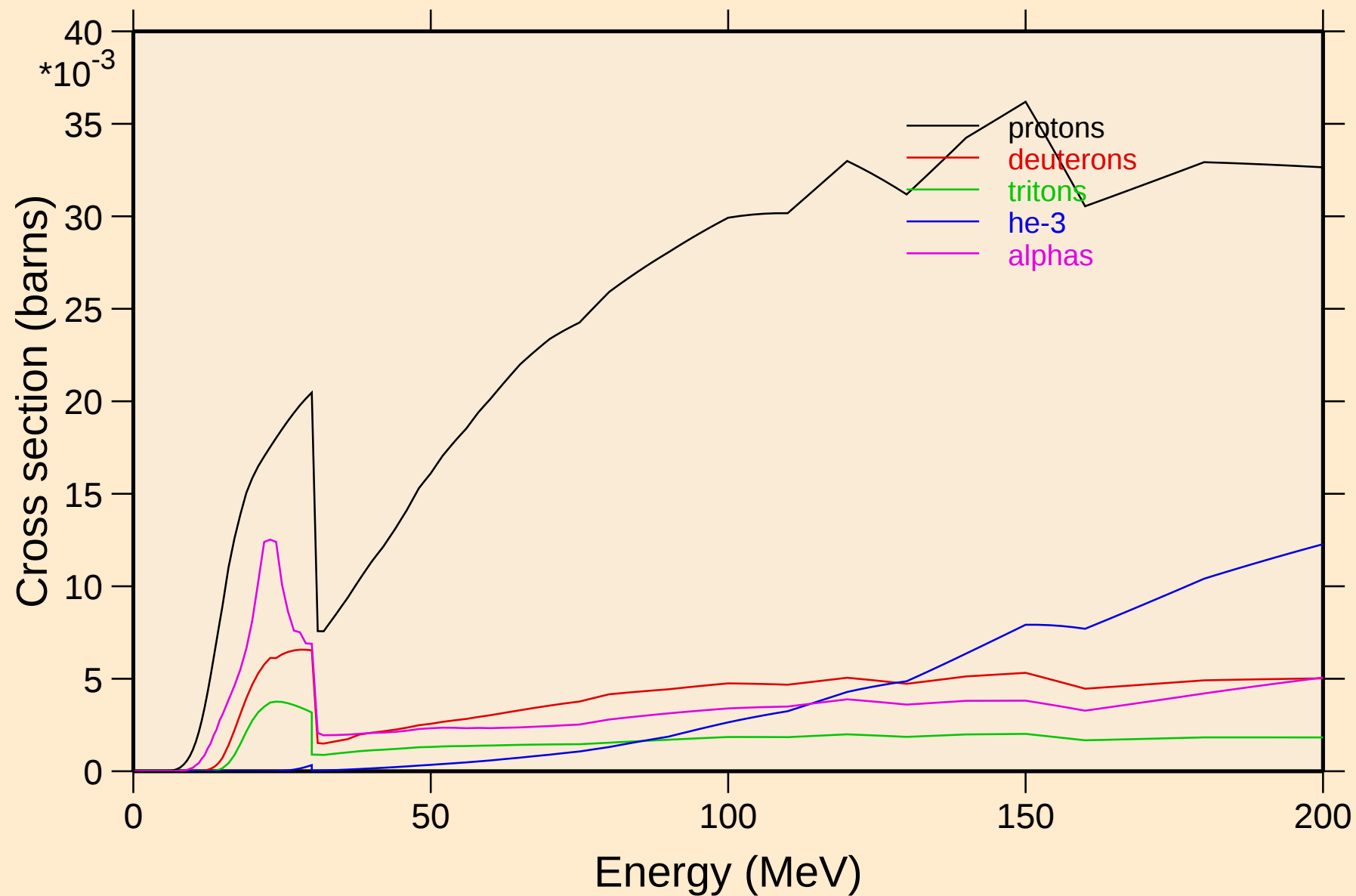
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

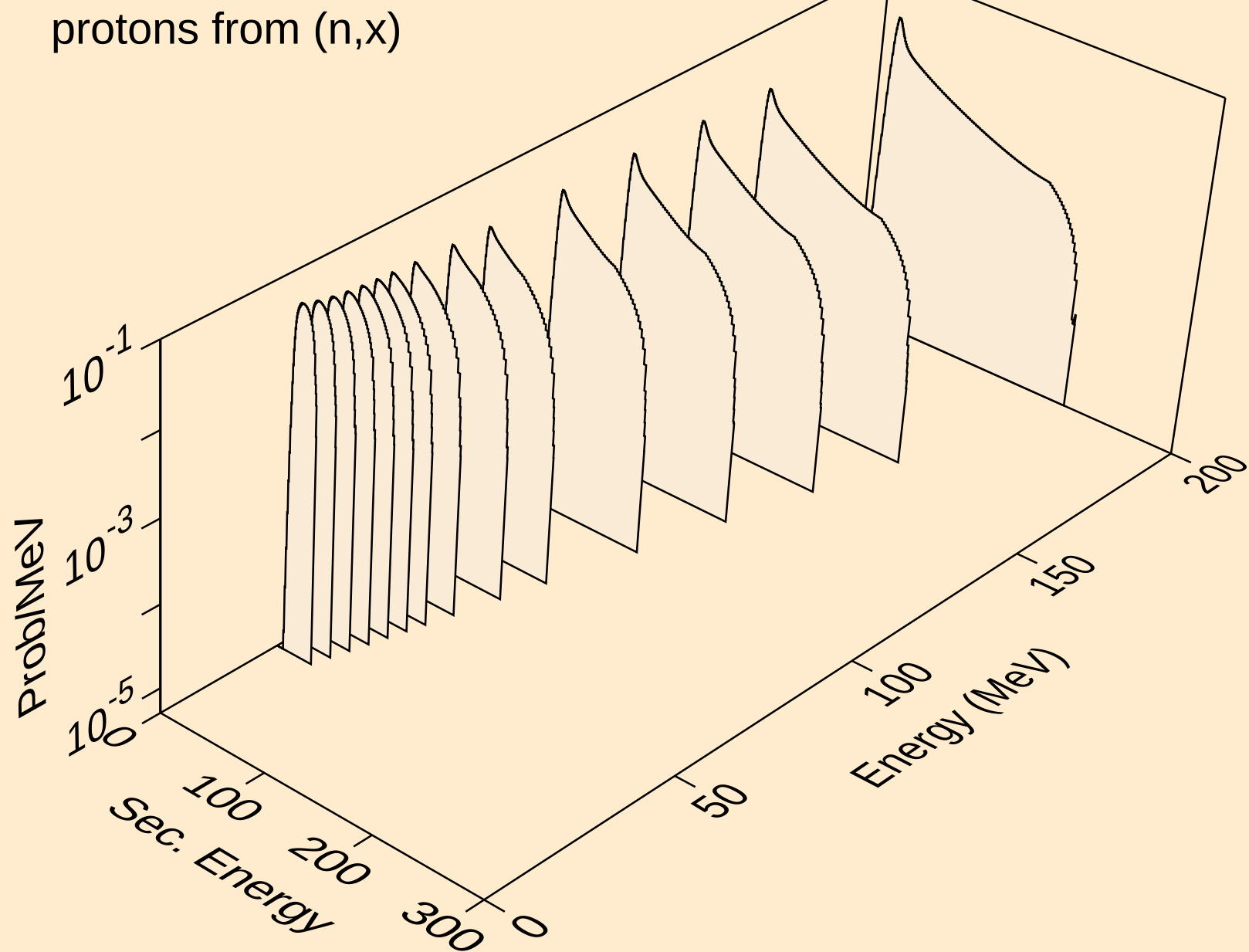


ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

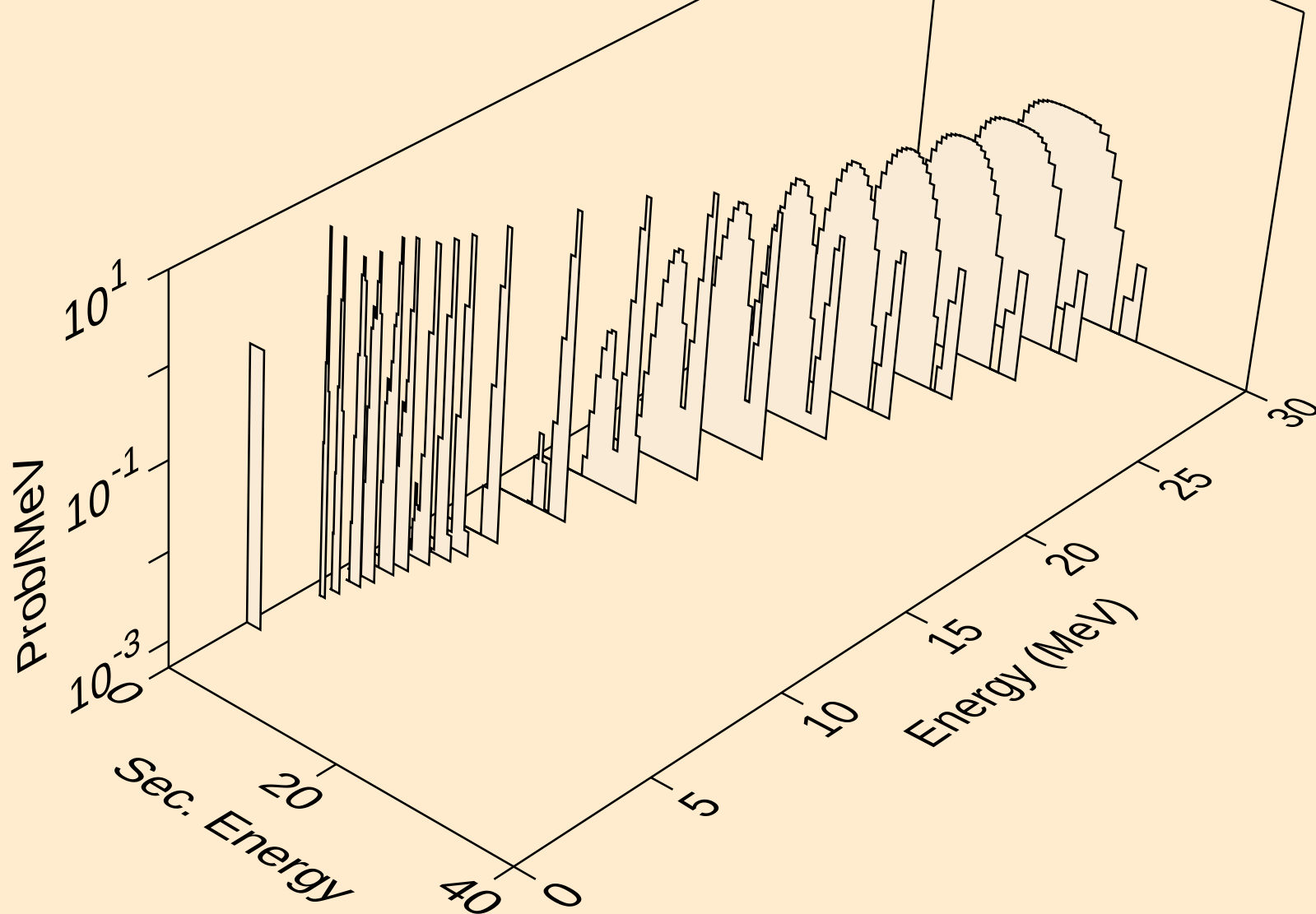
Particle production cross sections



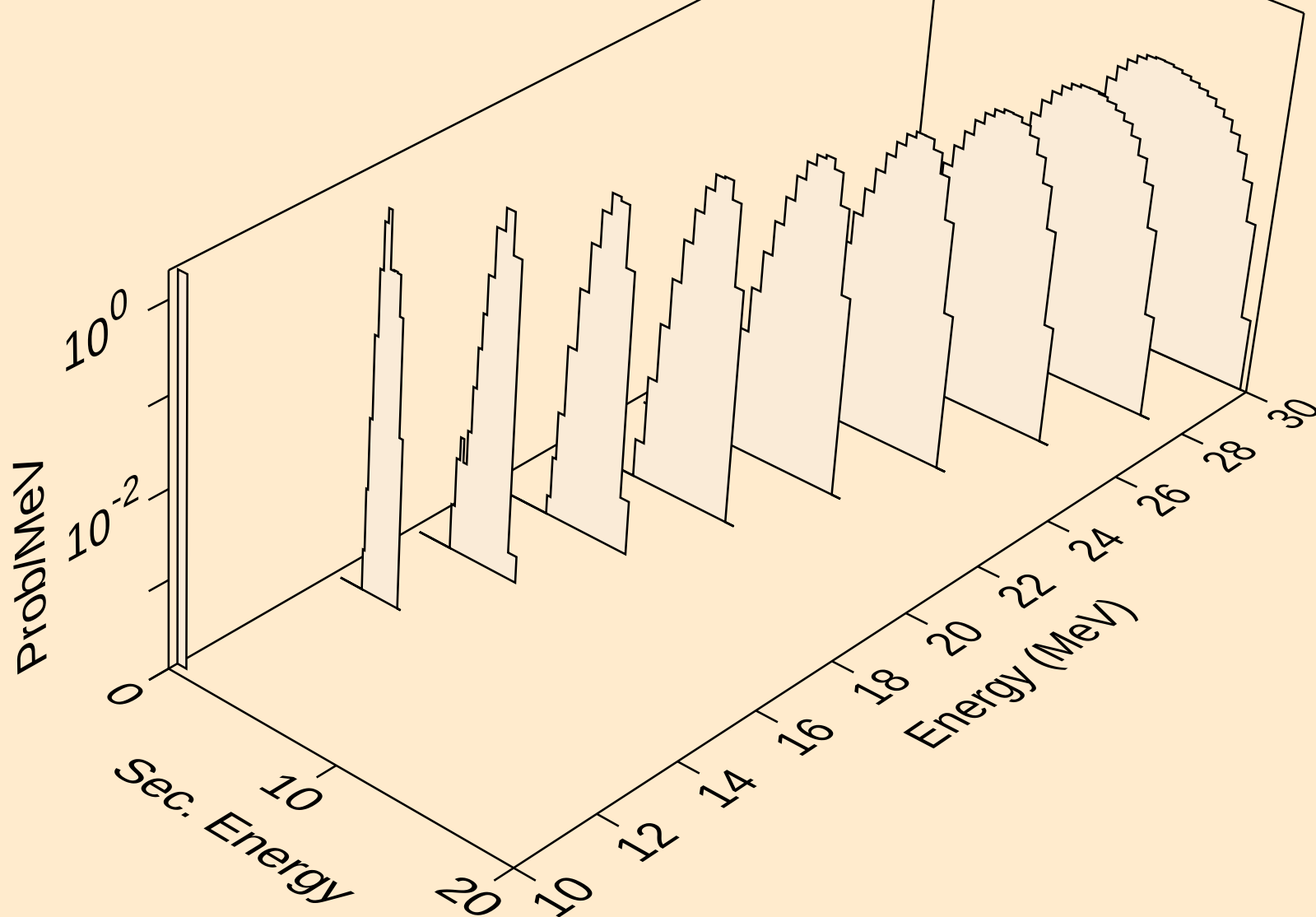
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



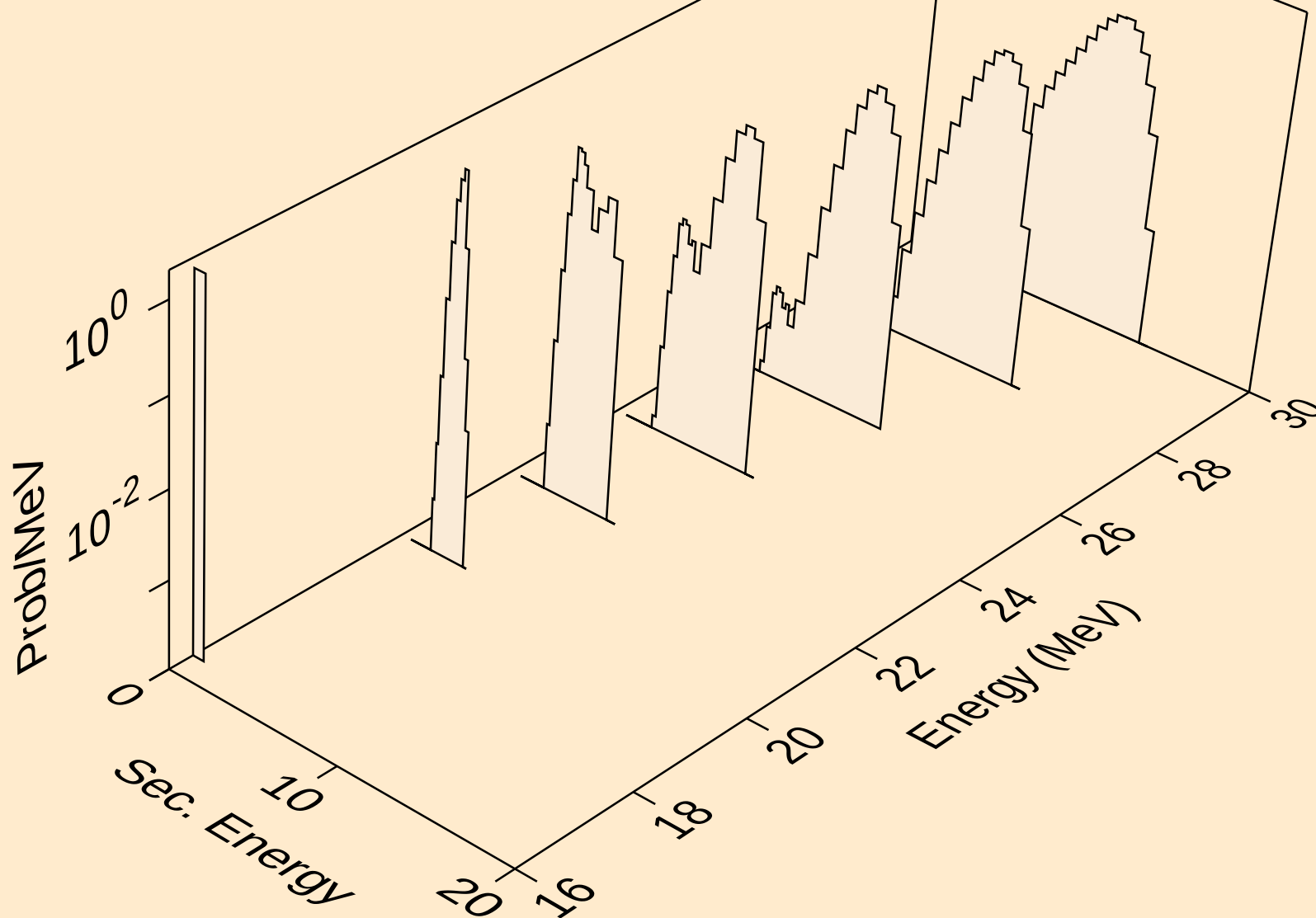
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



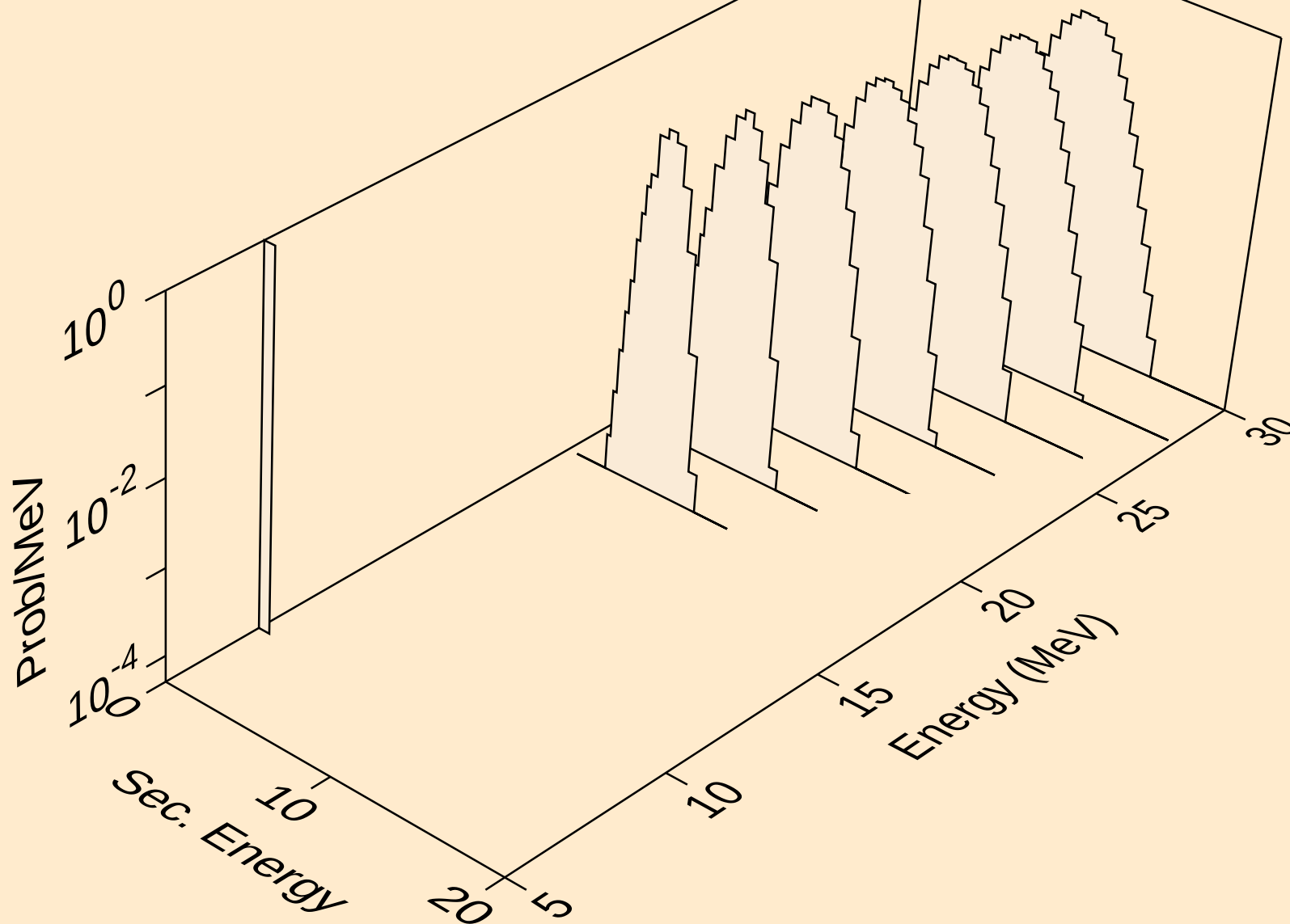
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protons from (n,2np)



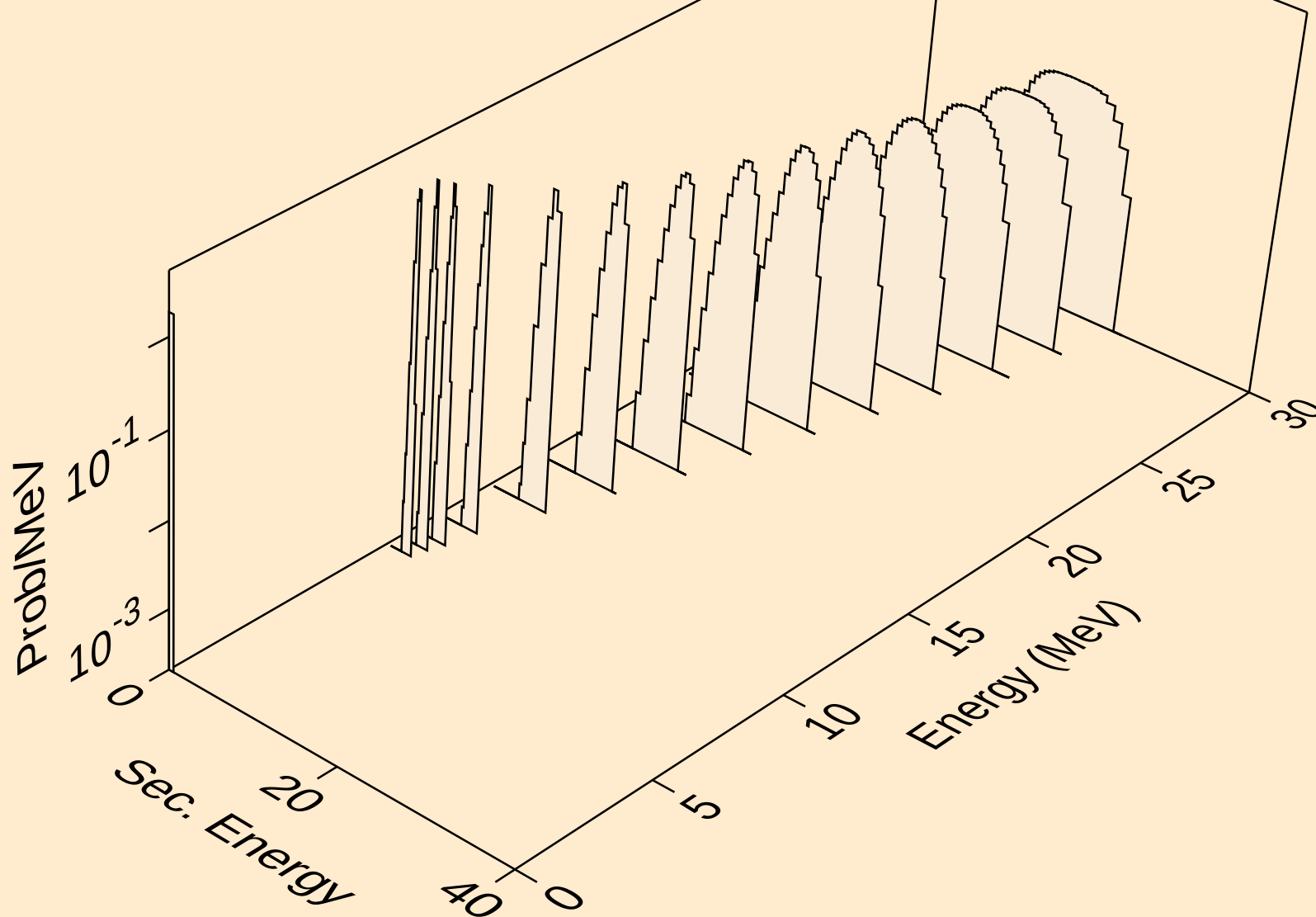
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protons from (n,3np)



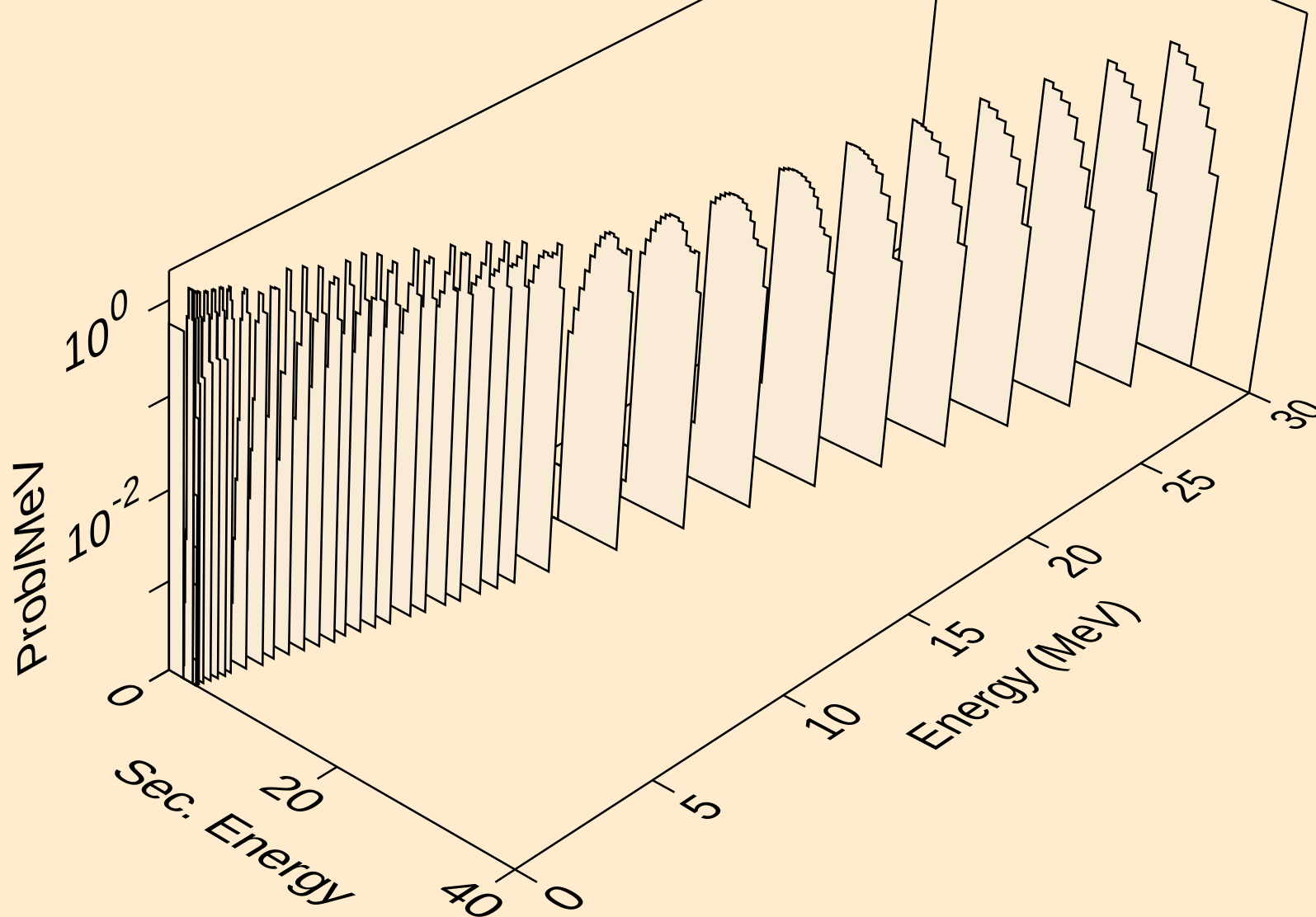
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protons from (n,n2p)



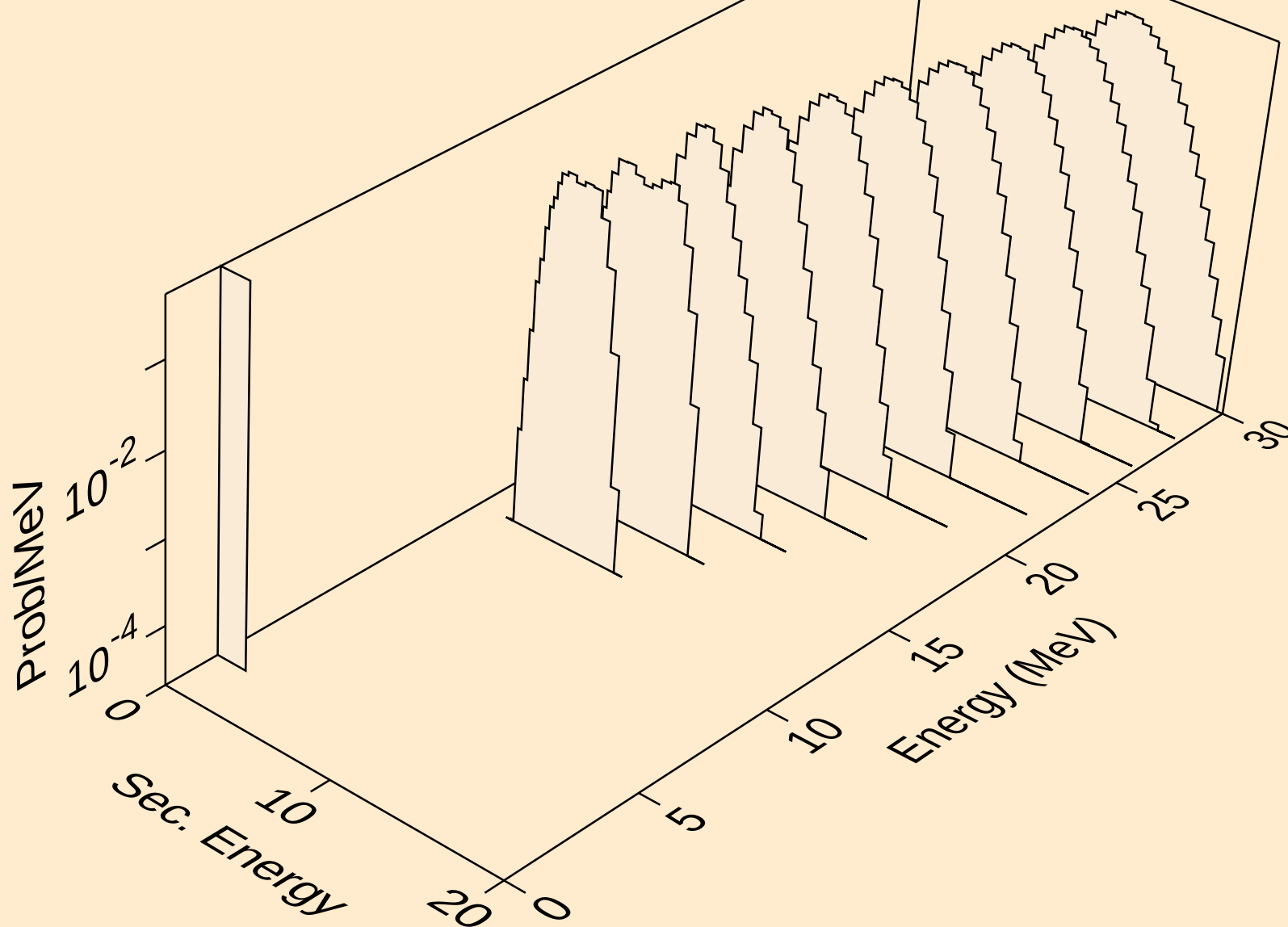
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protons from (n,npa)



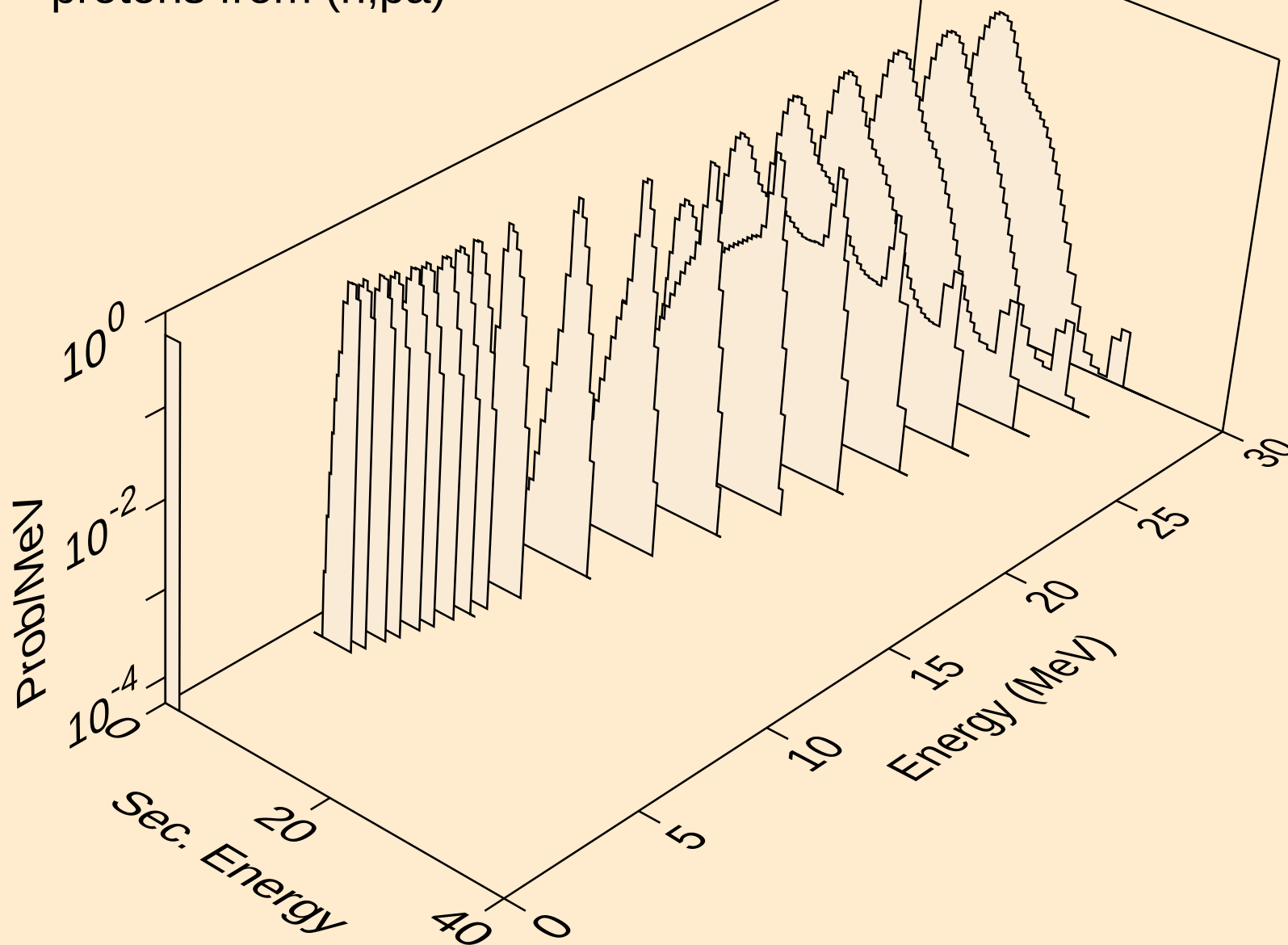
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protons from (n,p)



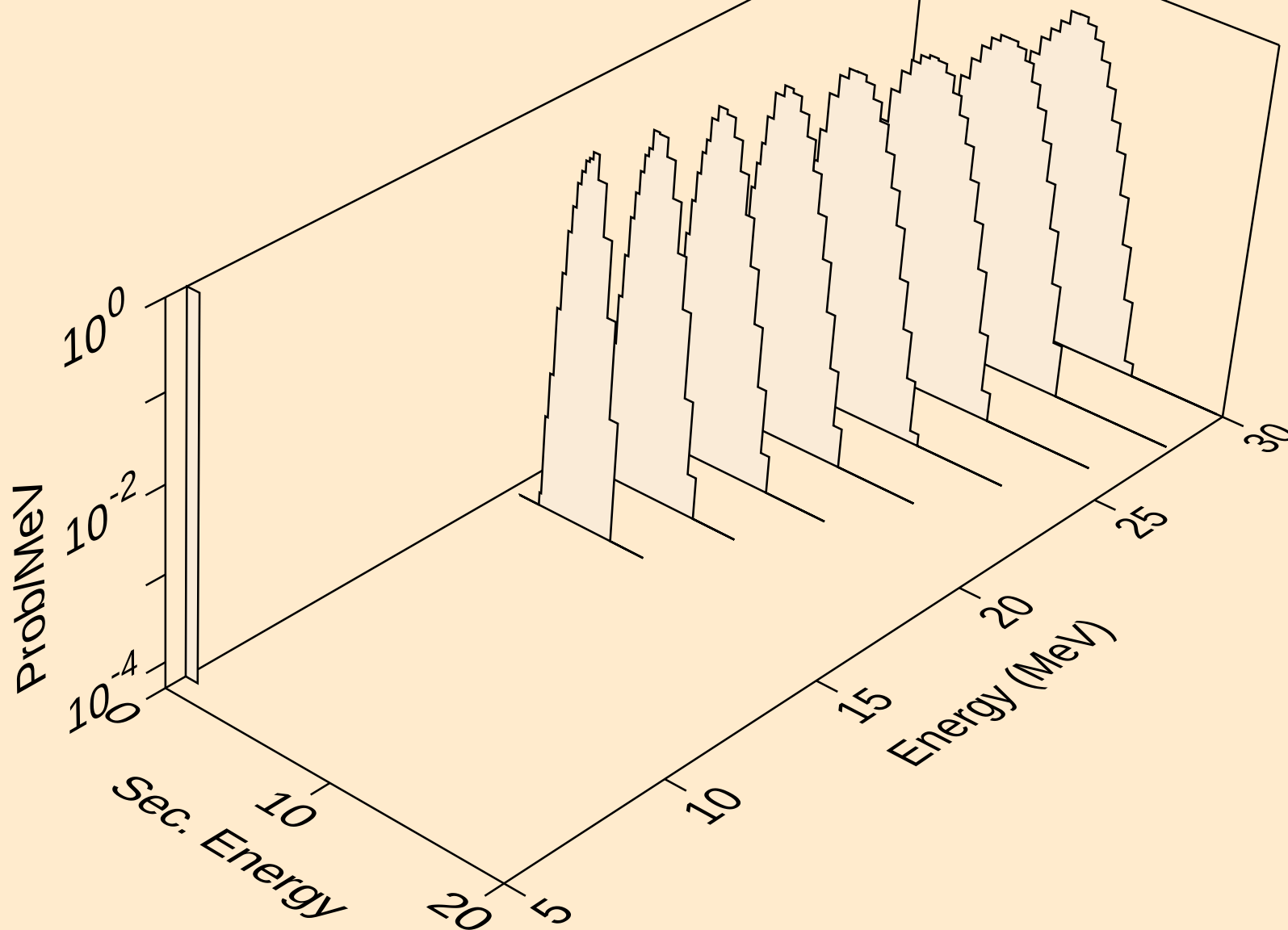
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protons from (n,2p)



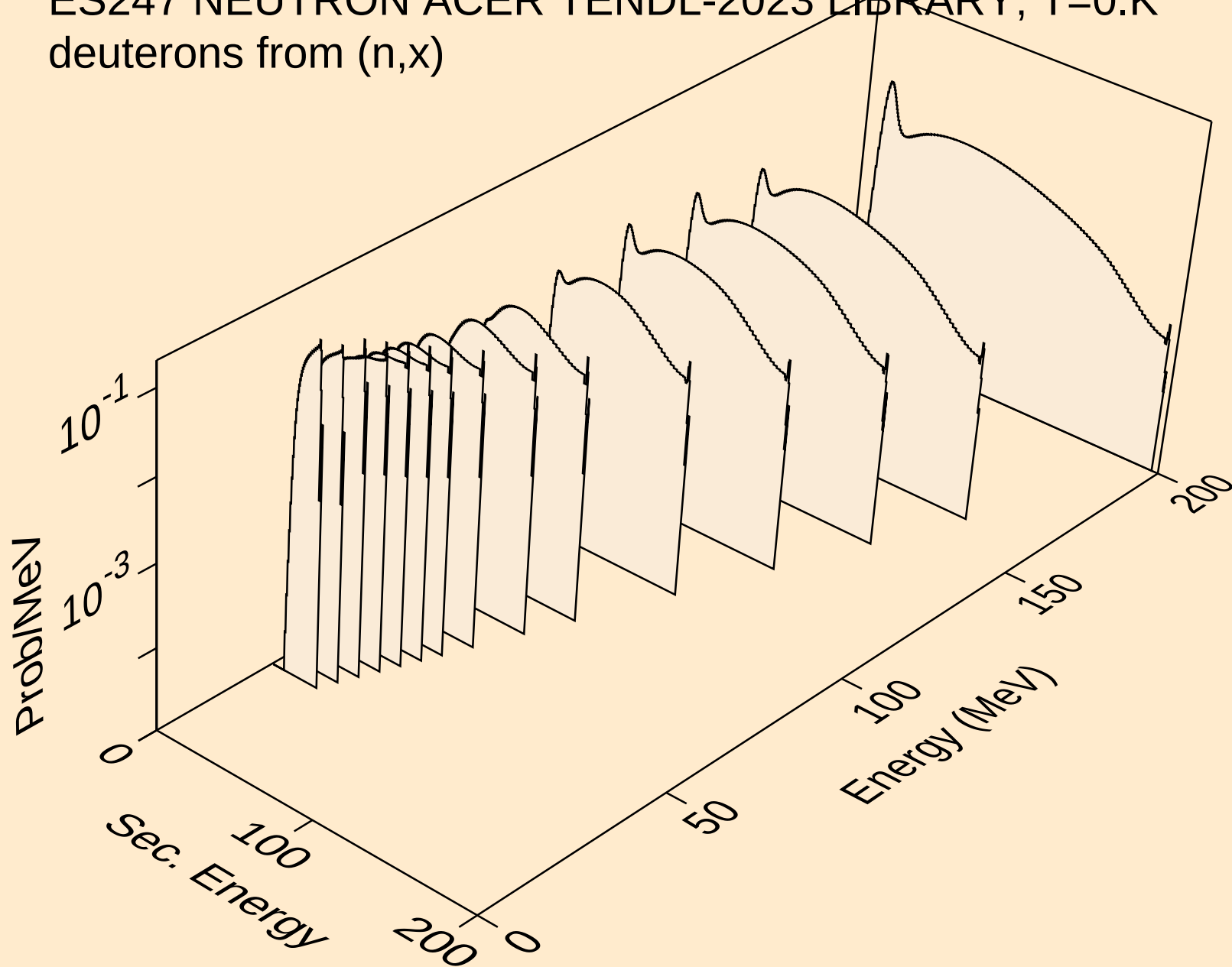
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protons from (n,p)



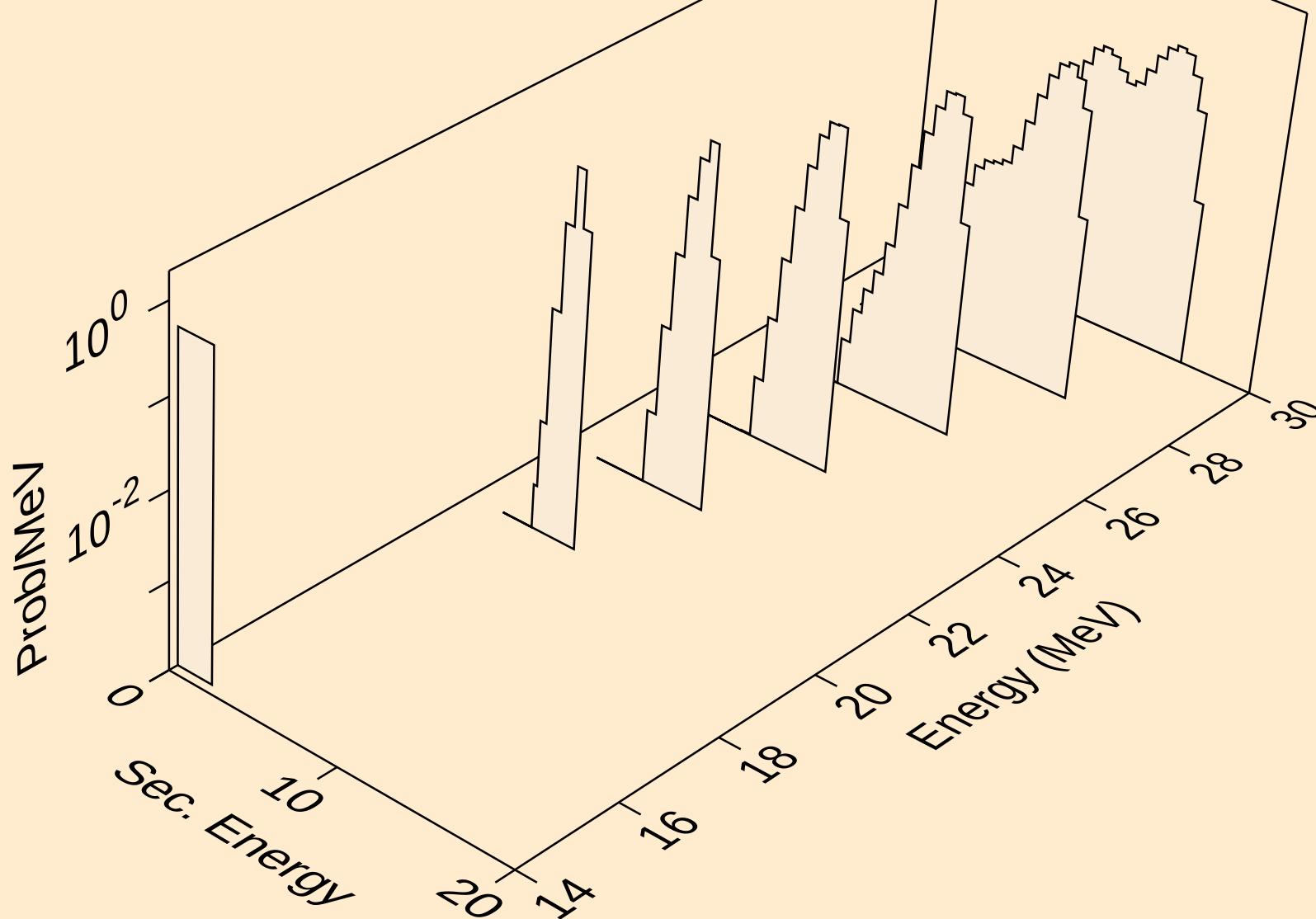
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protons from (n,pd)



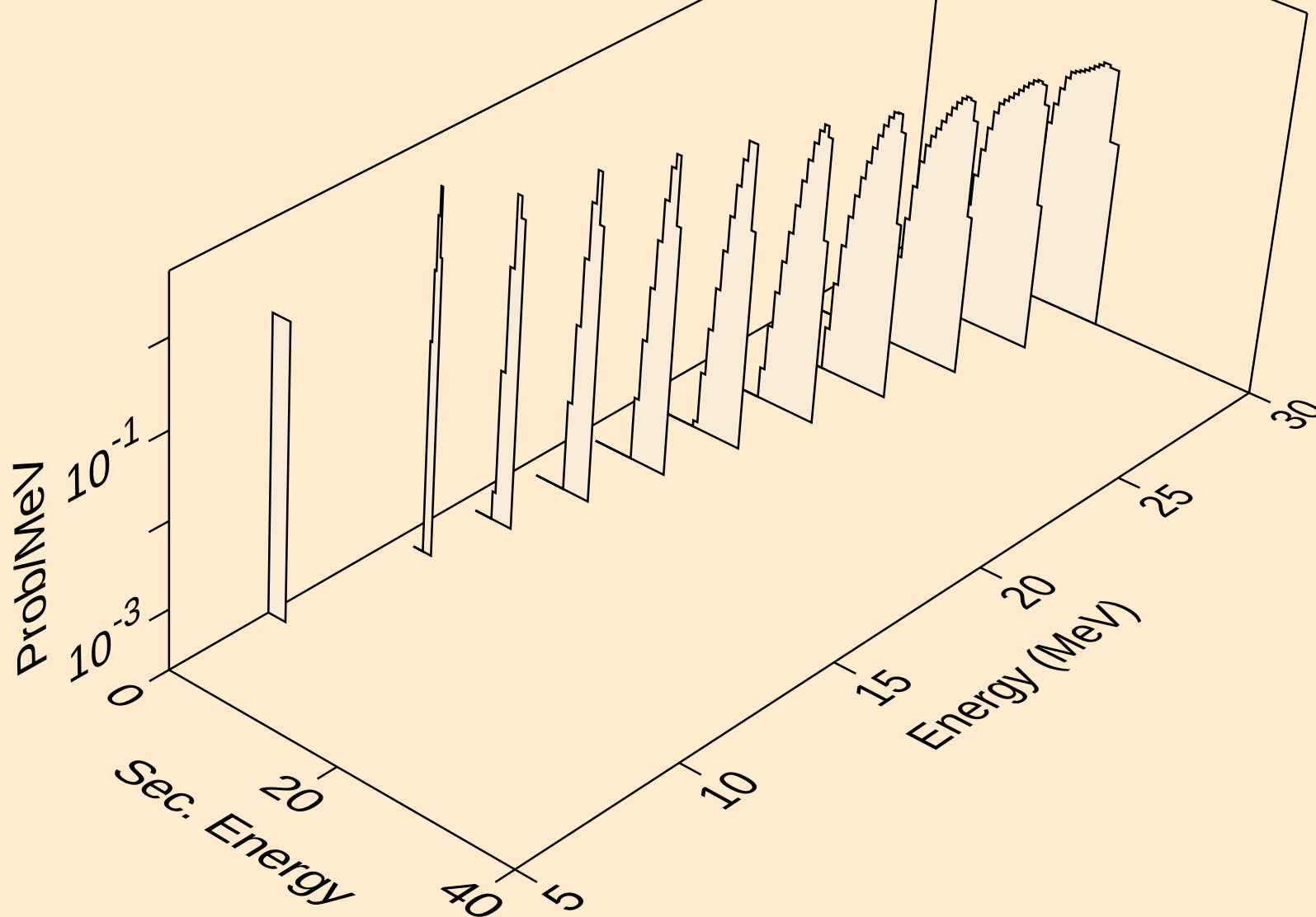
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deuterons from (n,x)



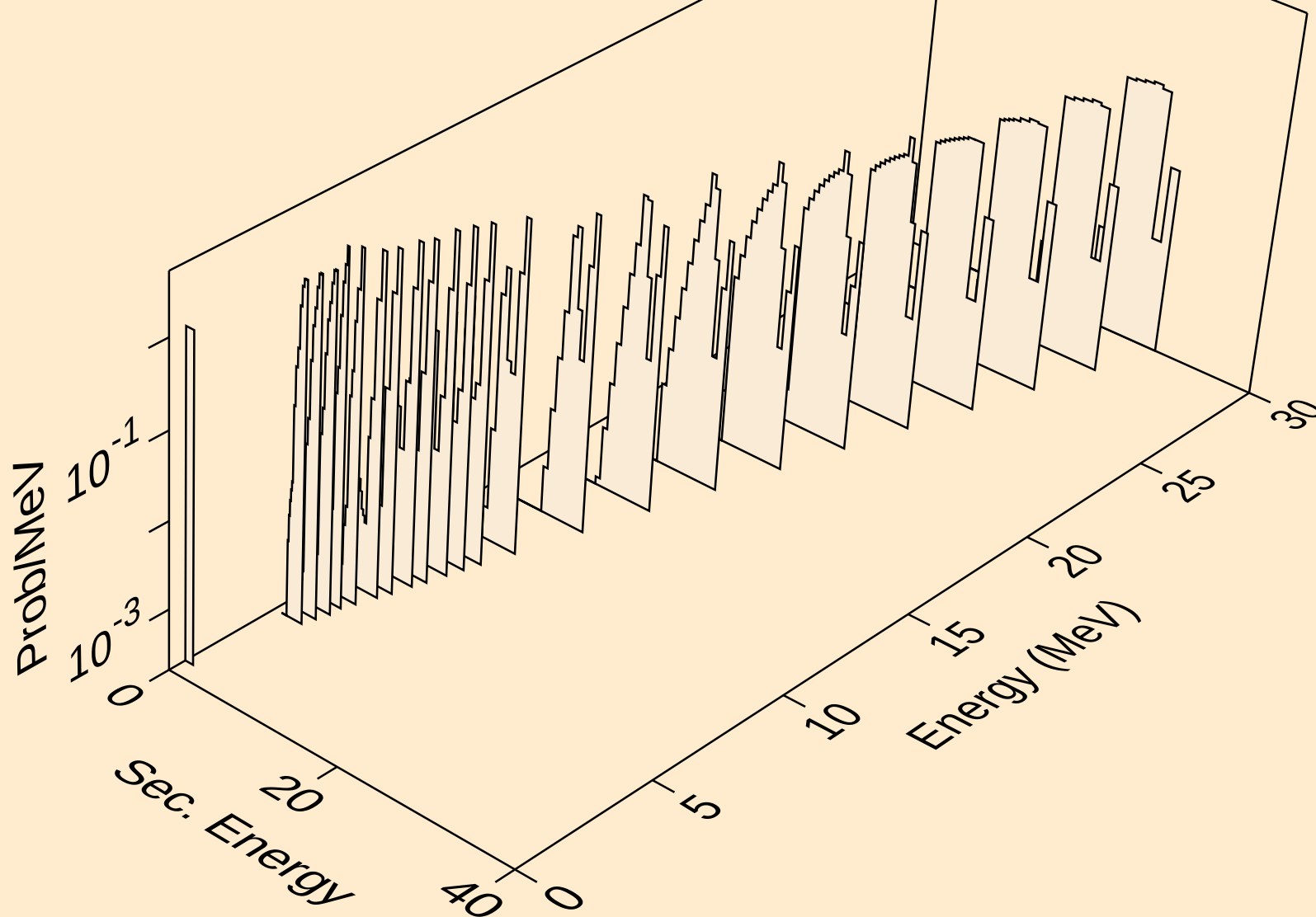
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deuterons from (n,2nd)



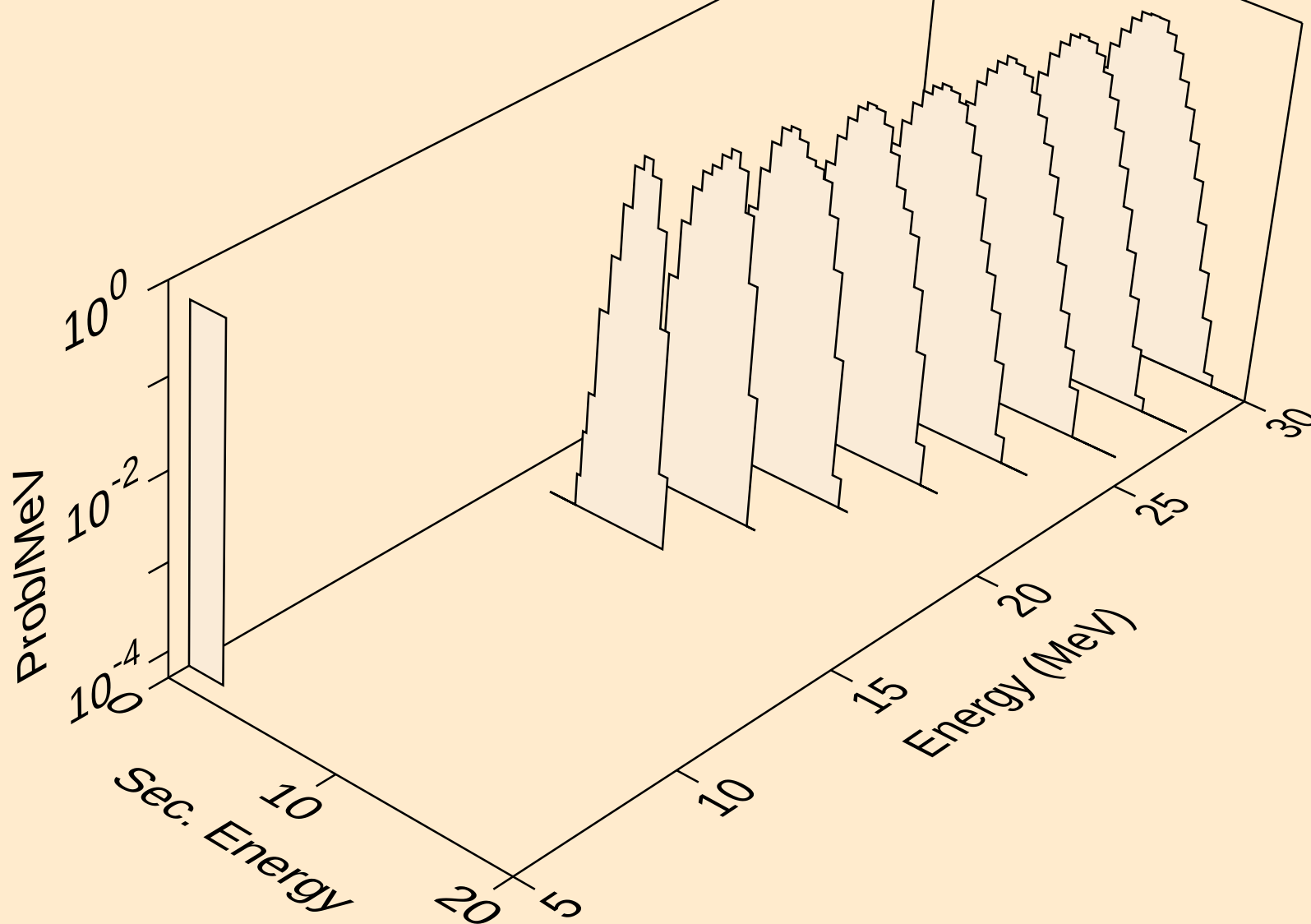
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



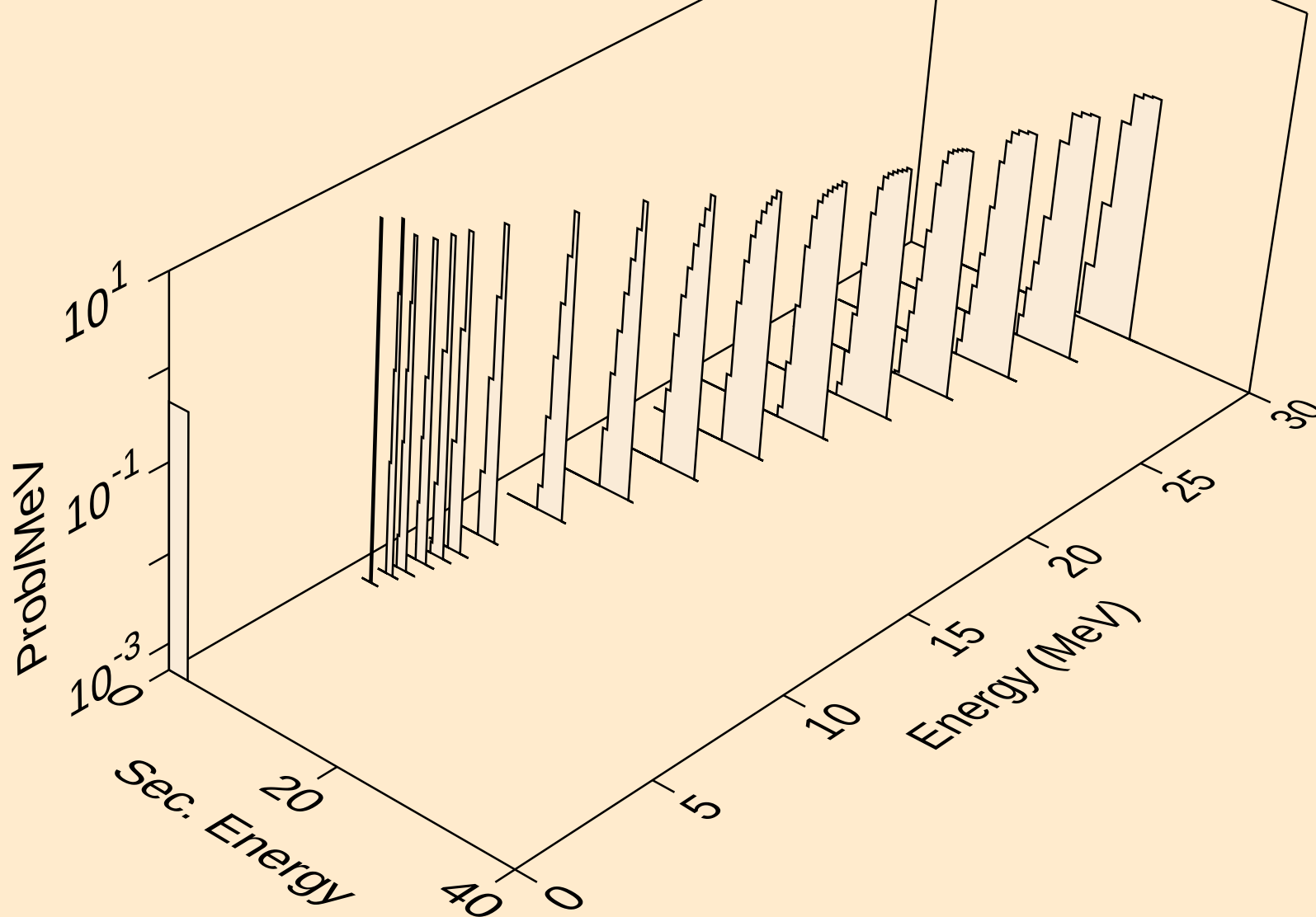
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deuterons from (n,d)



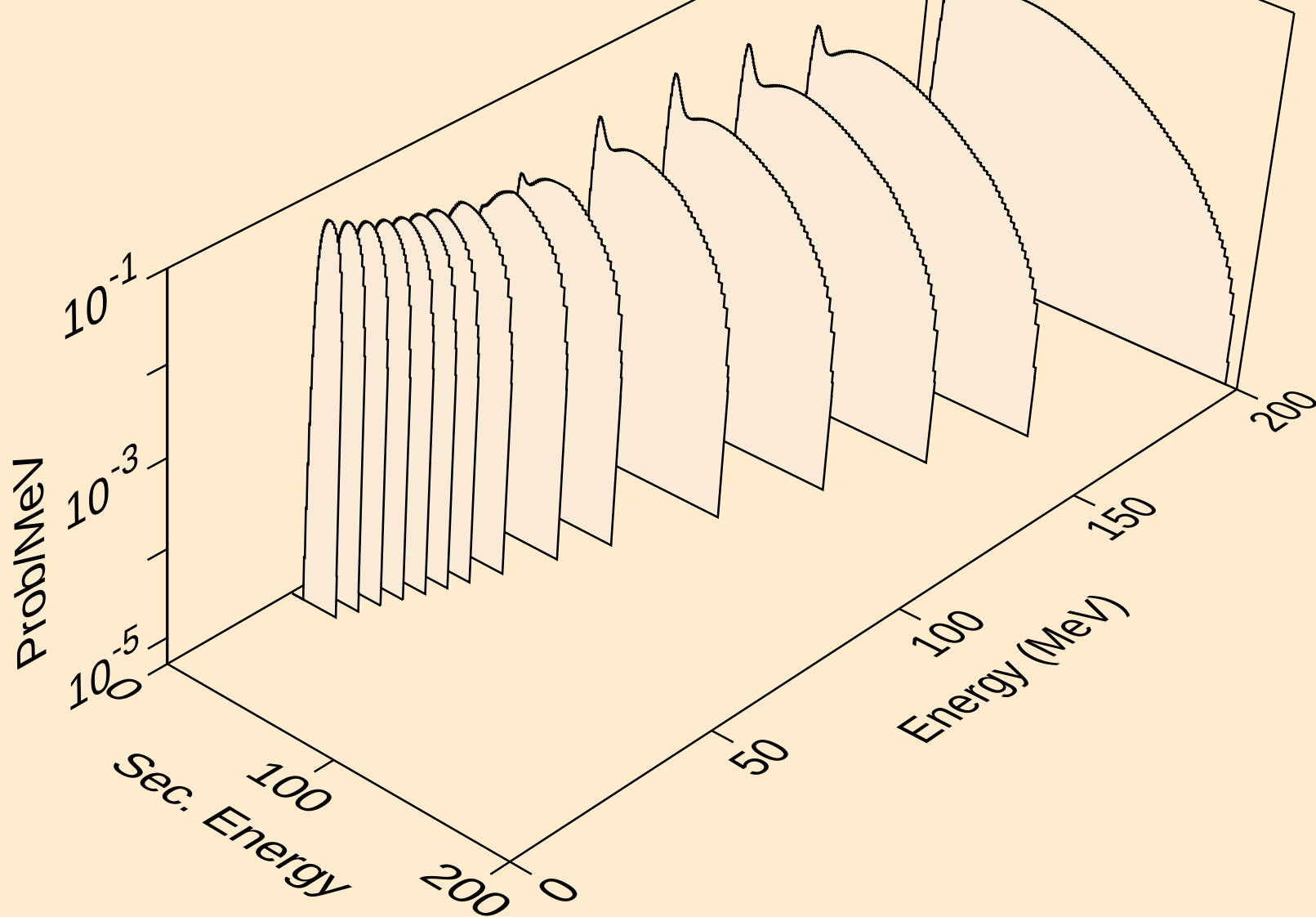
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deuterons from (n,pd)



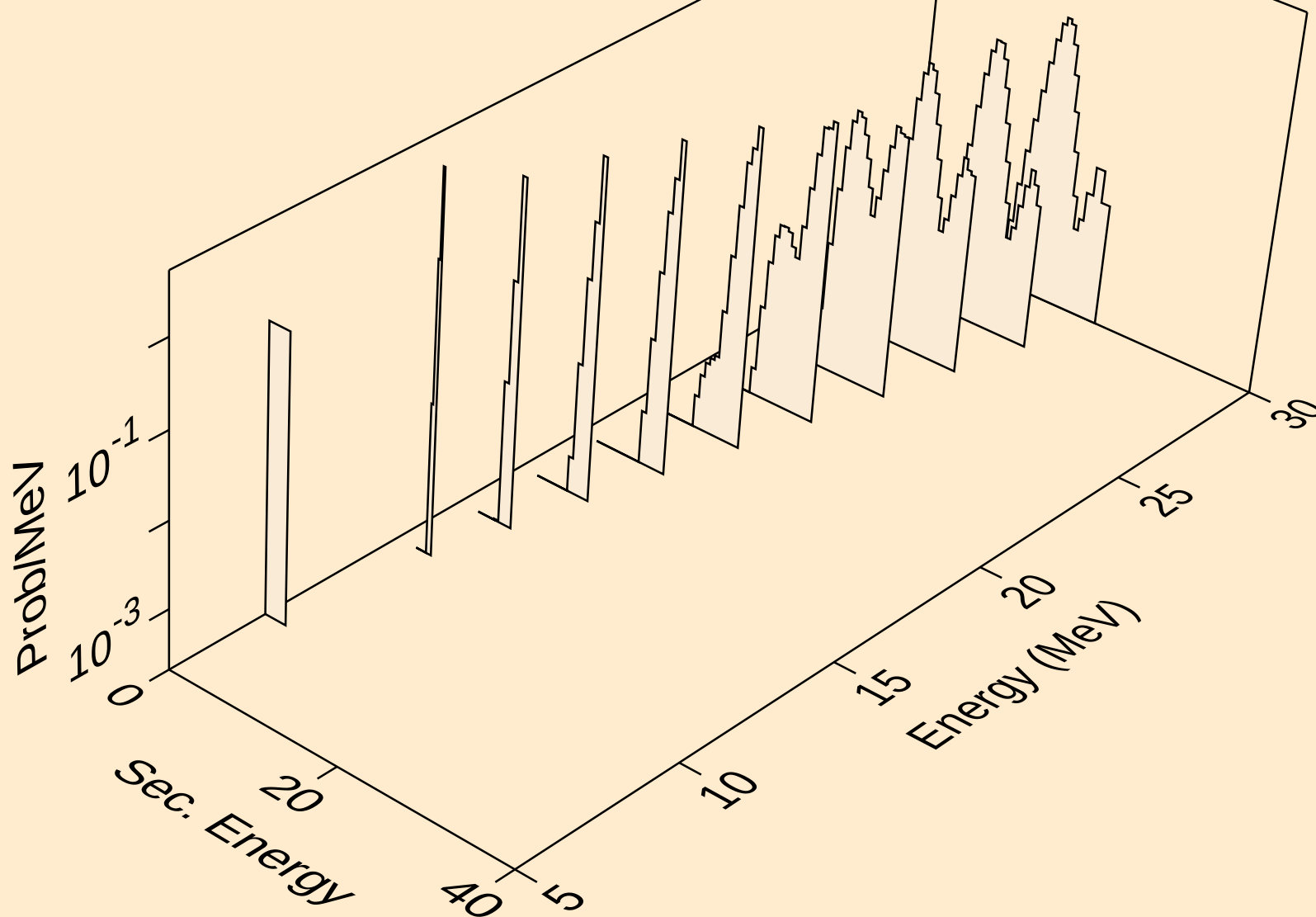
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deuterons from (n,da)



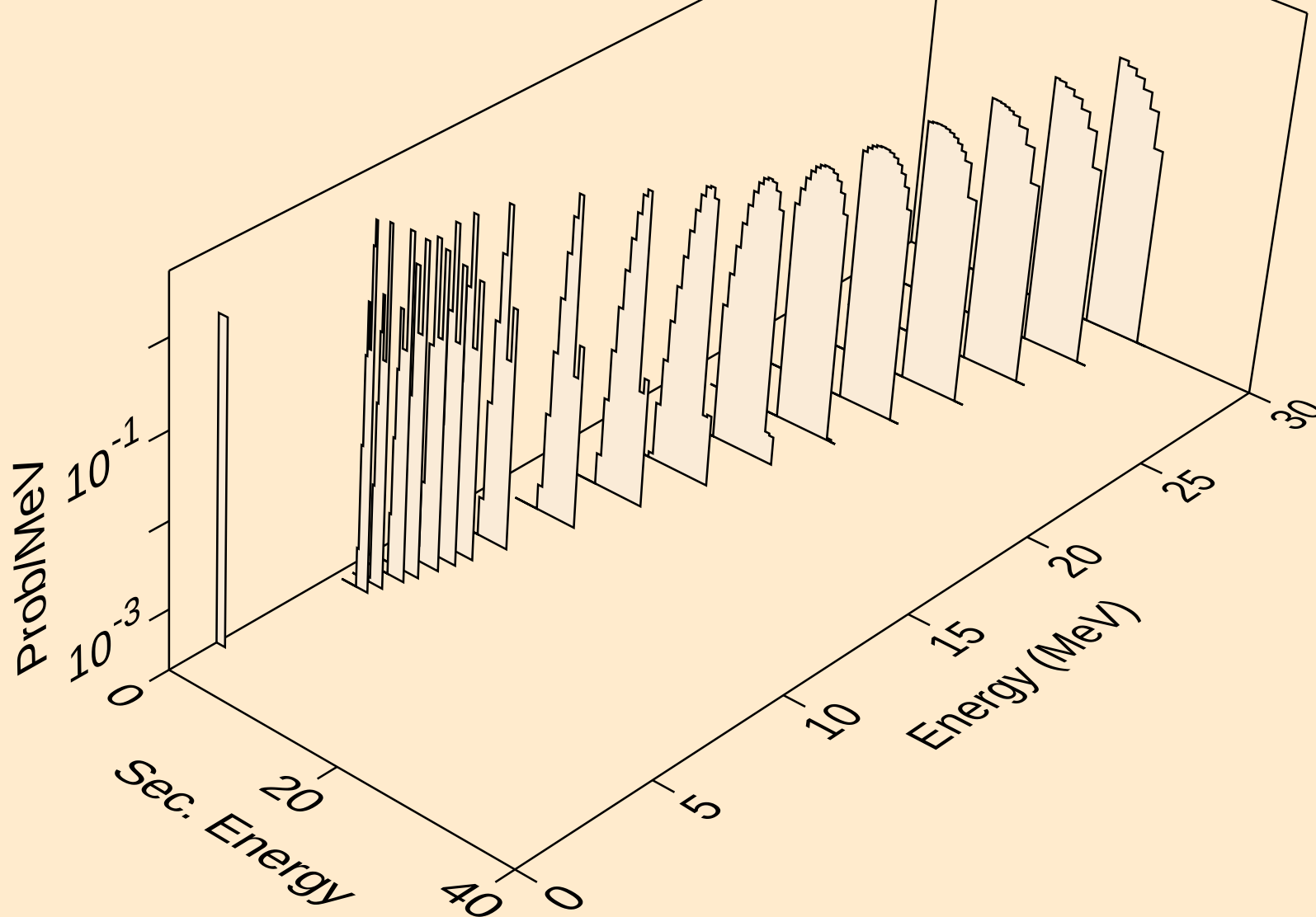
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tritons from (n,x)



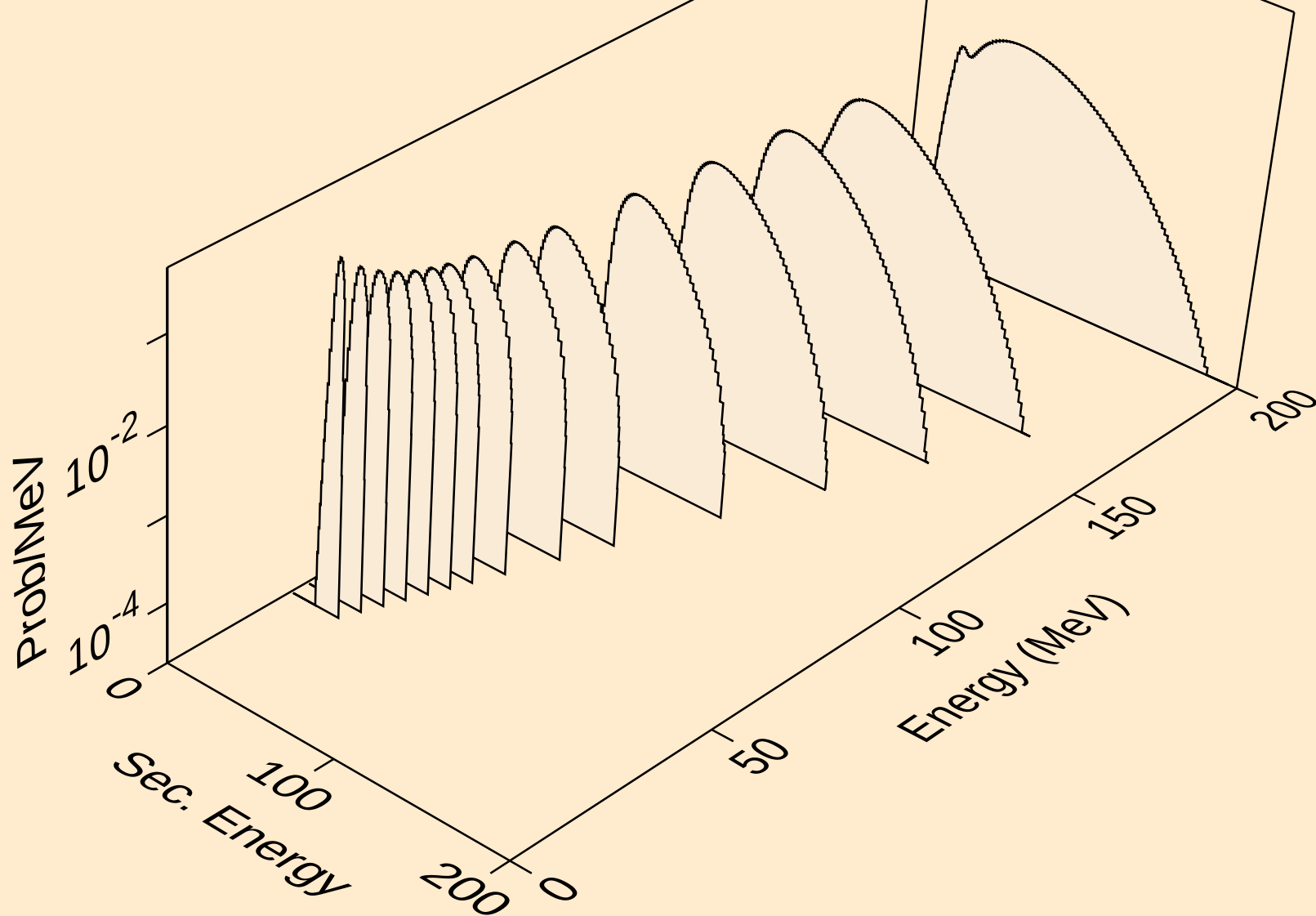
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tritons from (n,n*)t



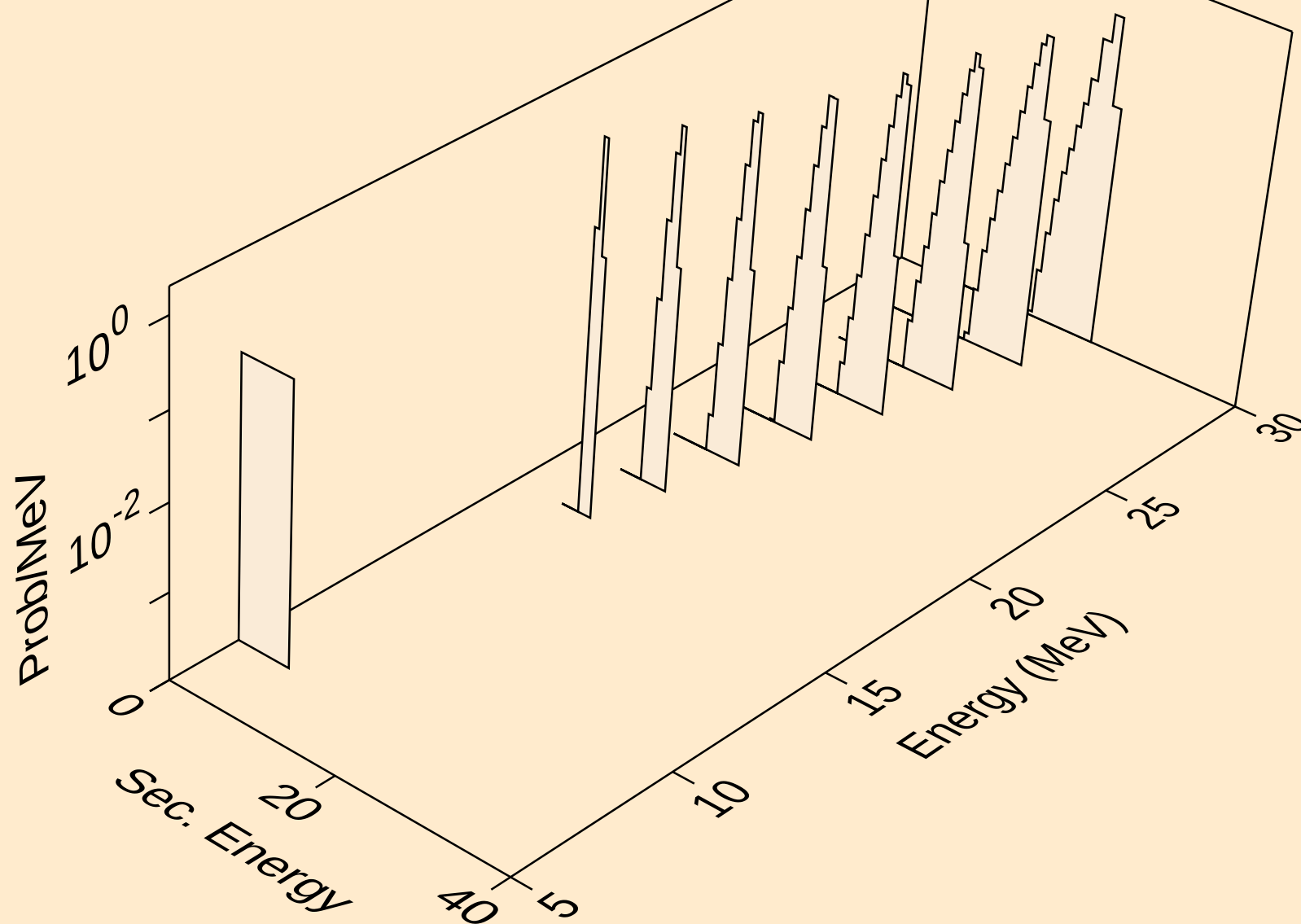
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tritons from (n,t)



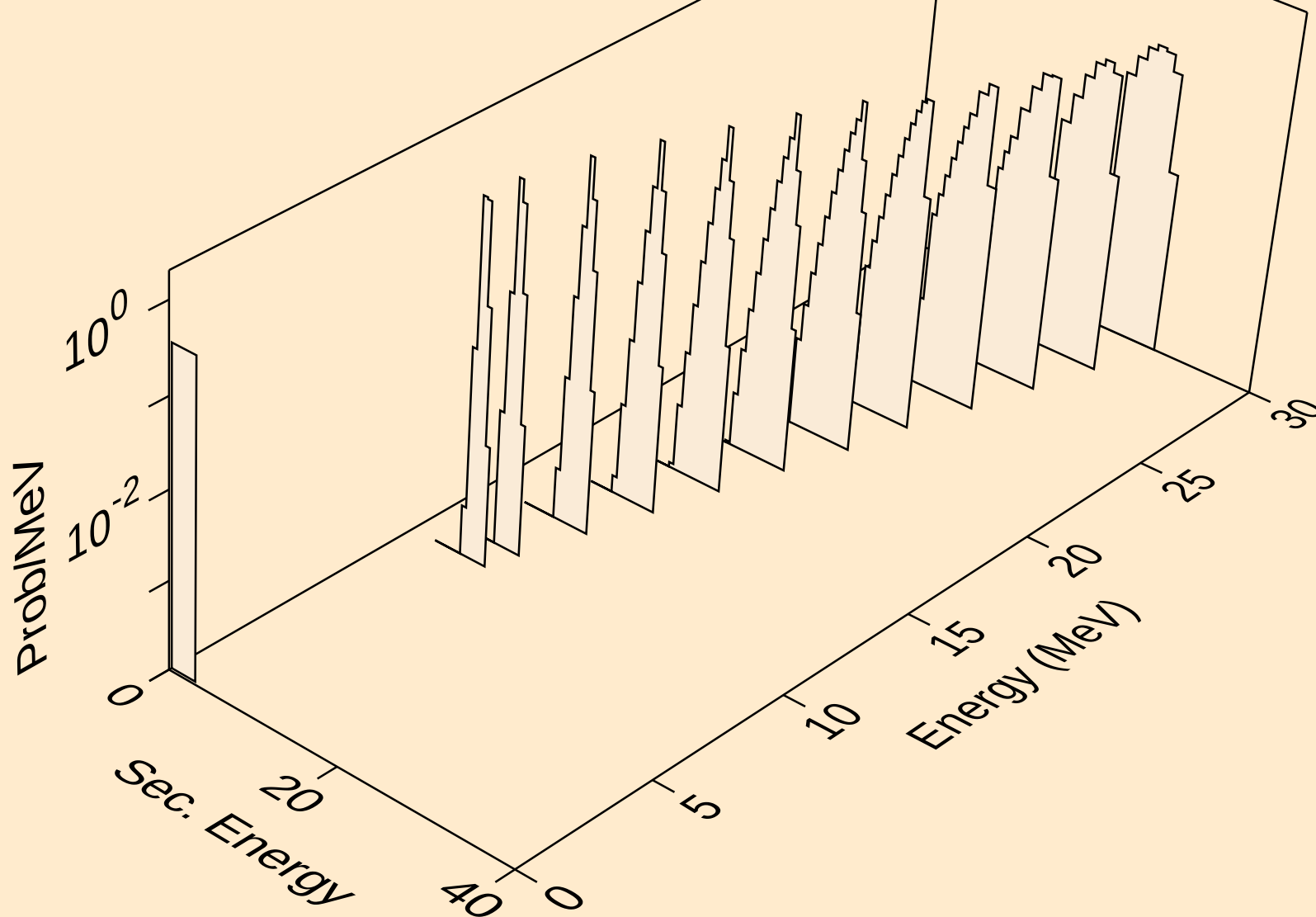
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he3s from (n,x)



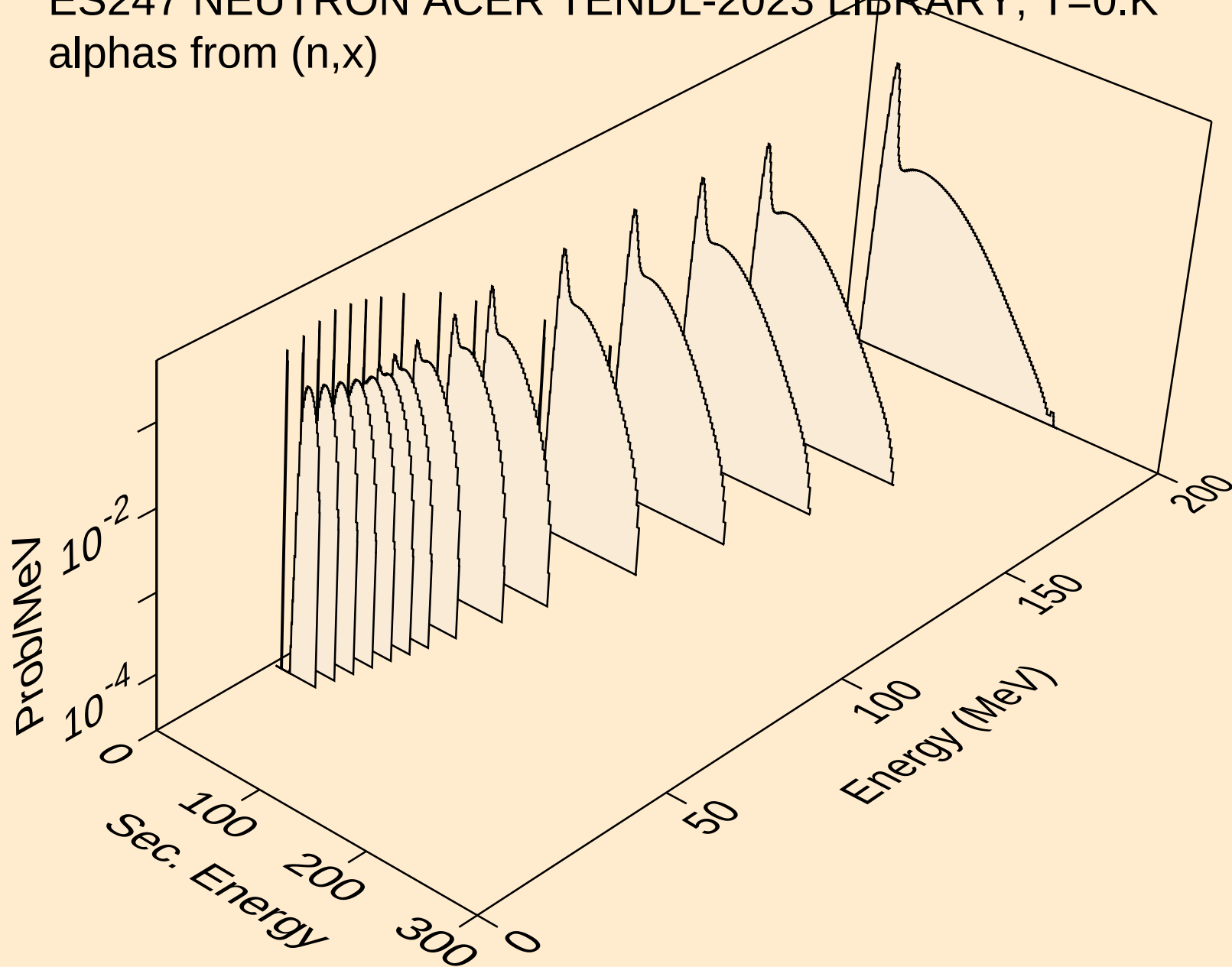
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he3s from (n,n*)he3



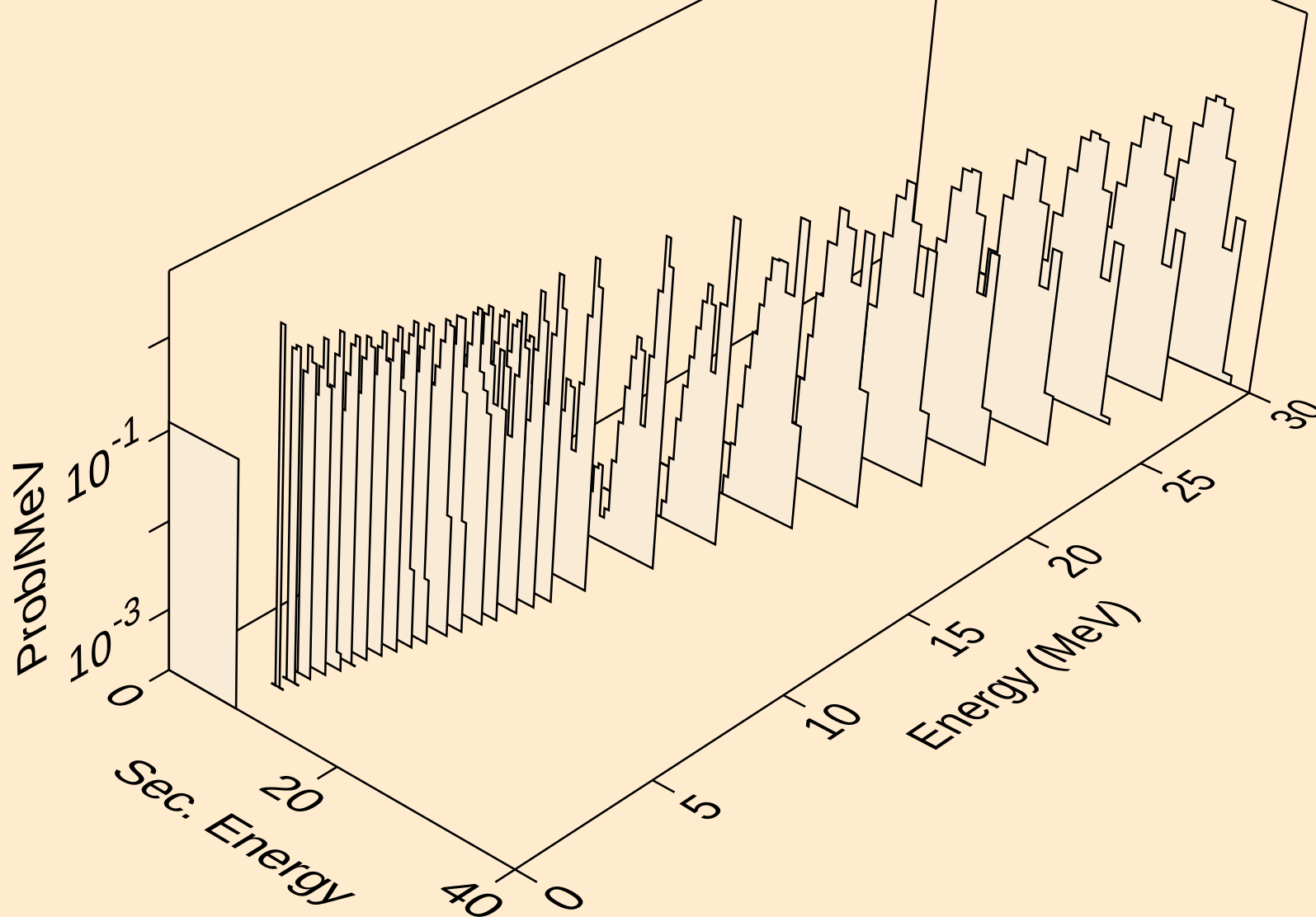
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he3s from (n,he3)



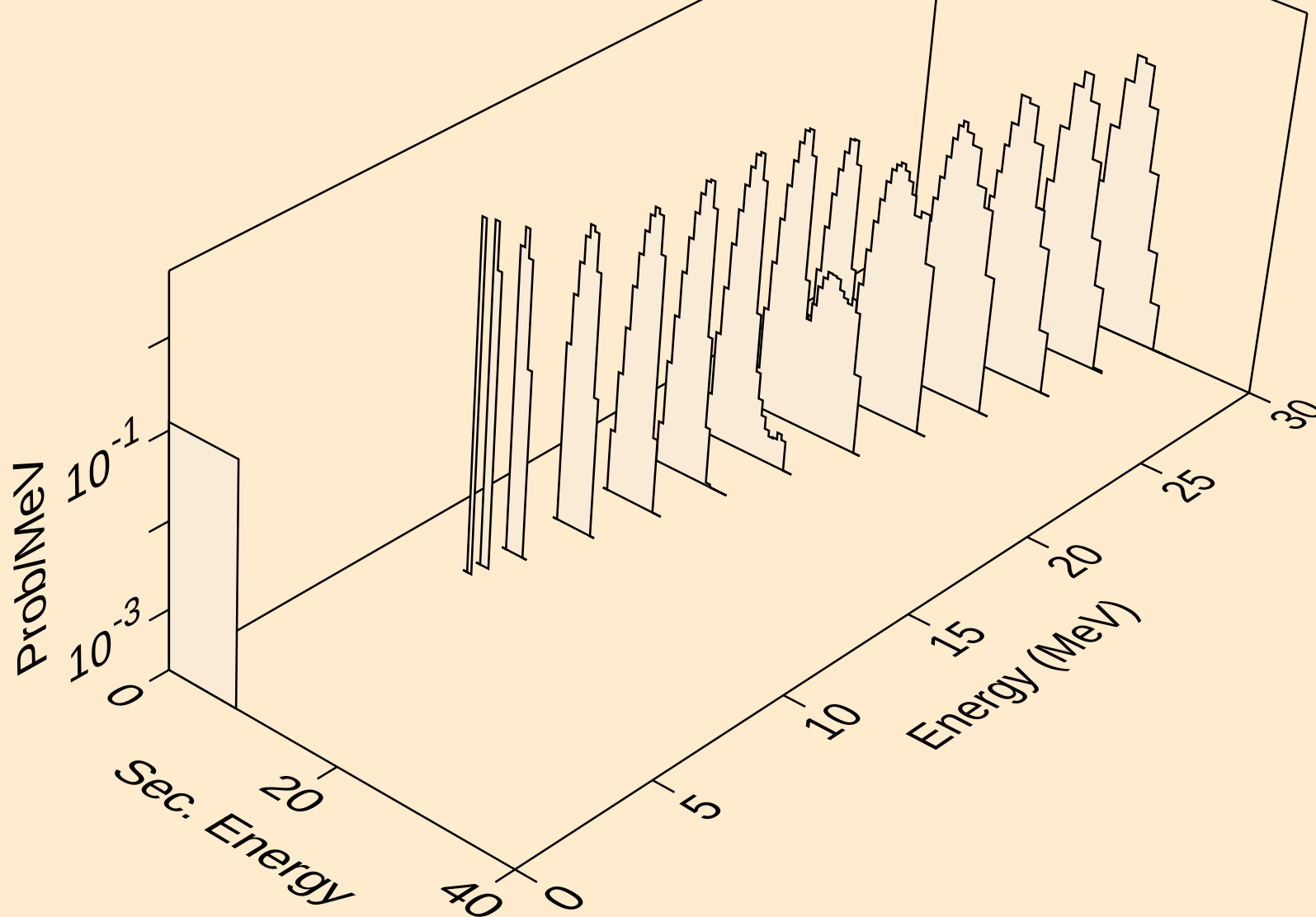
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alphas from (n,x)



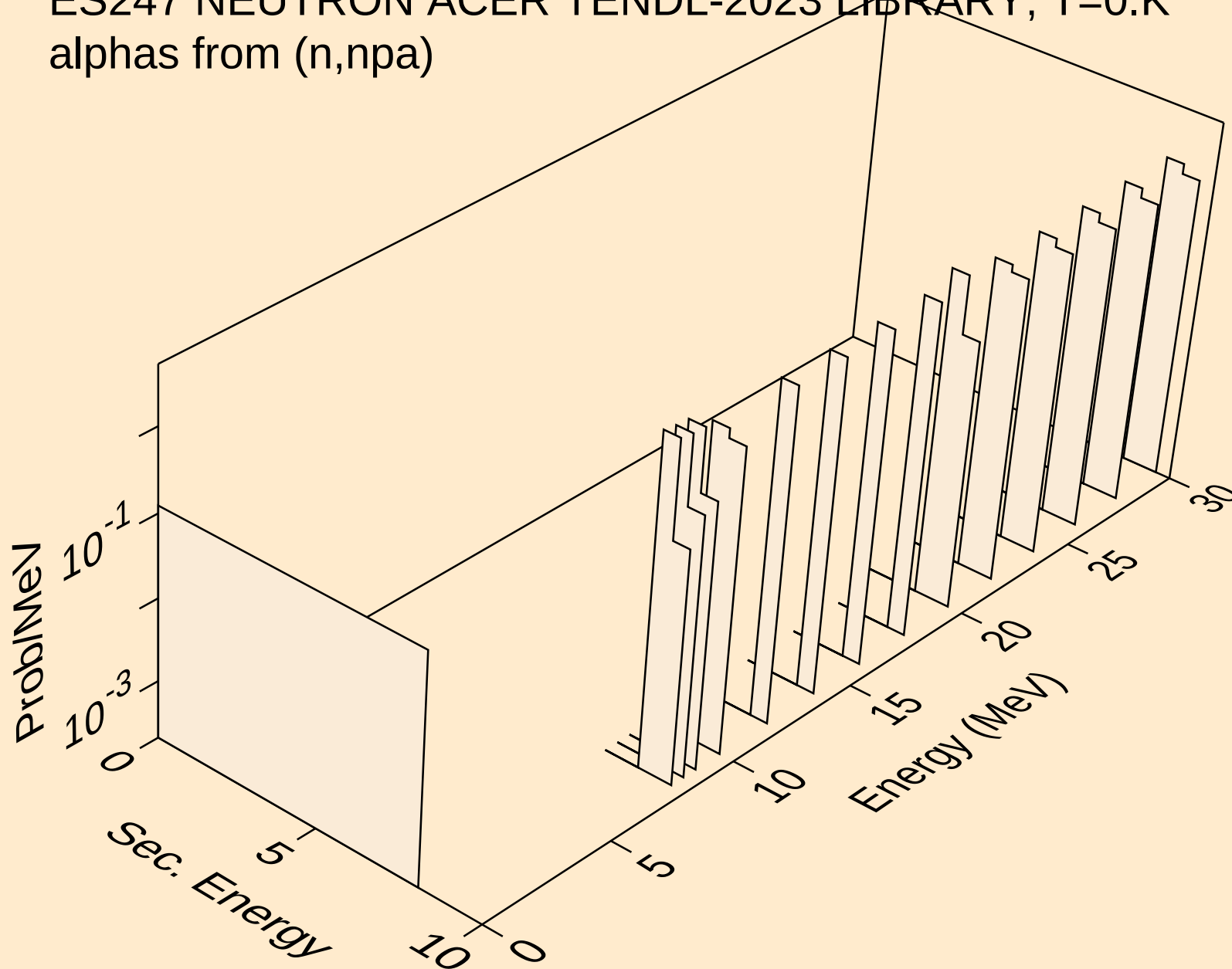
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



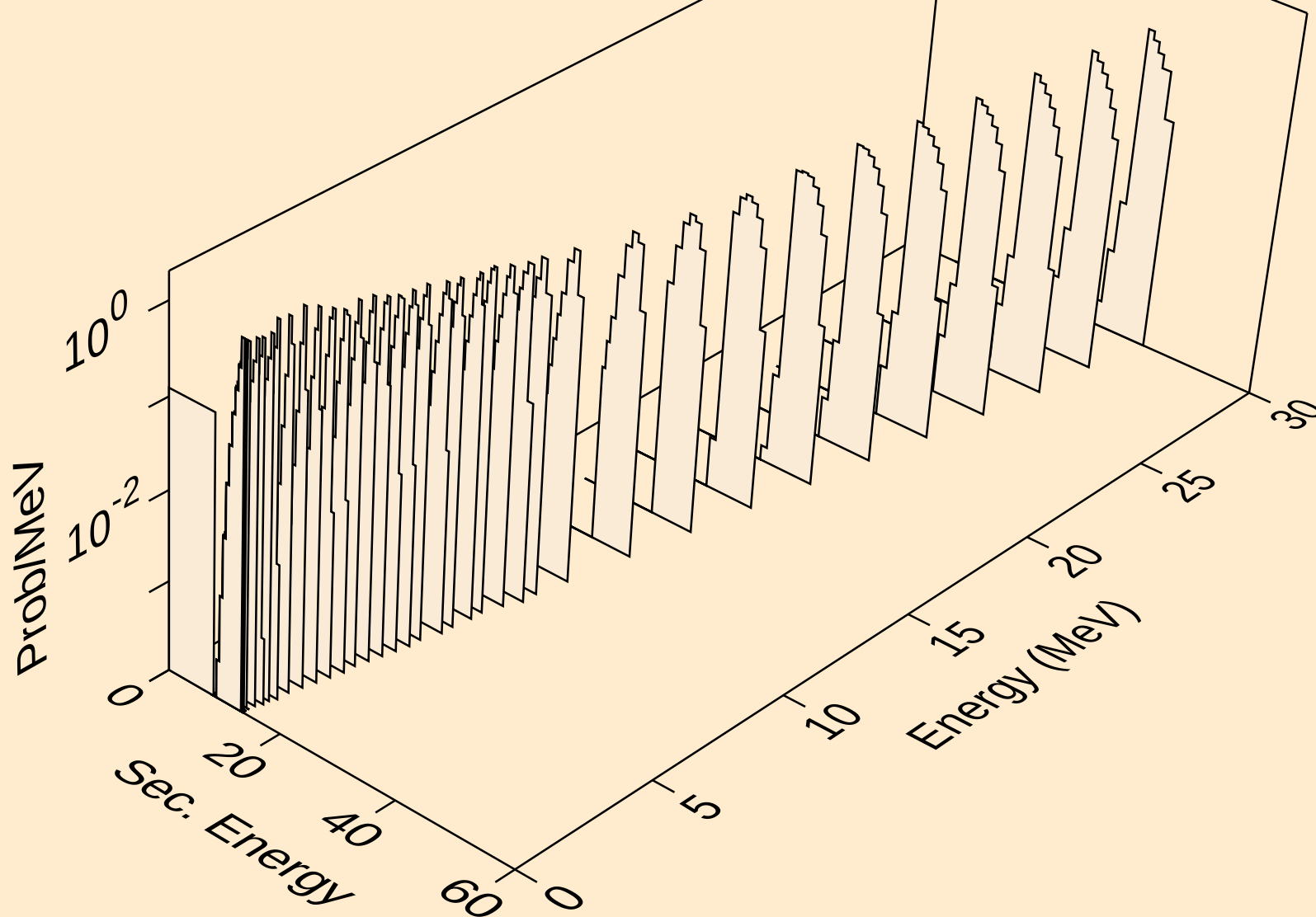
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



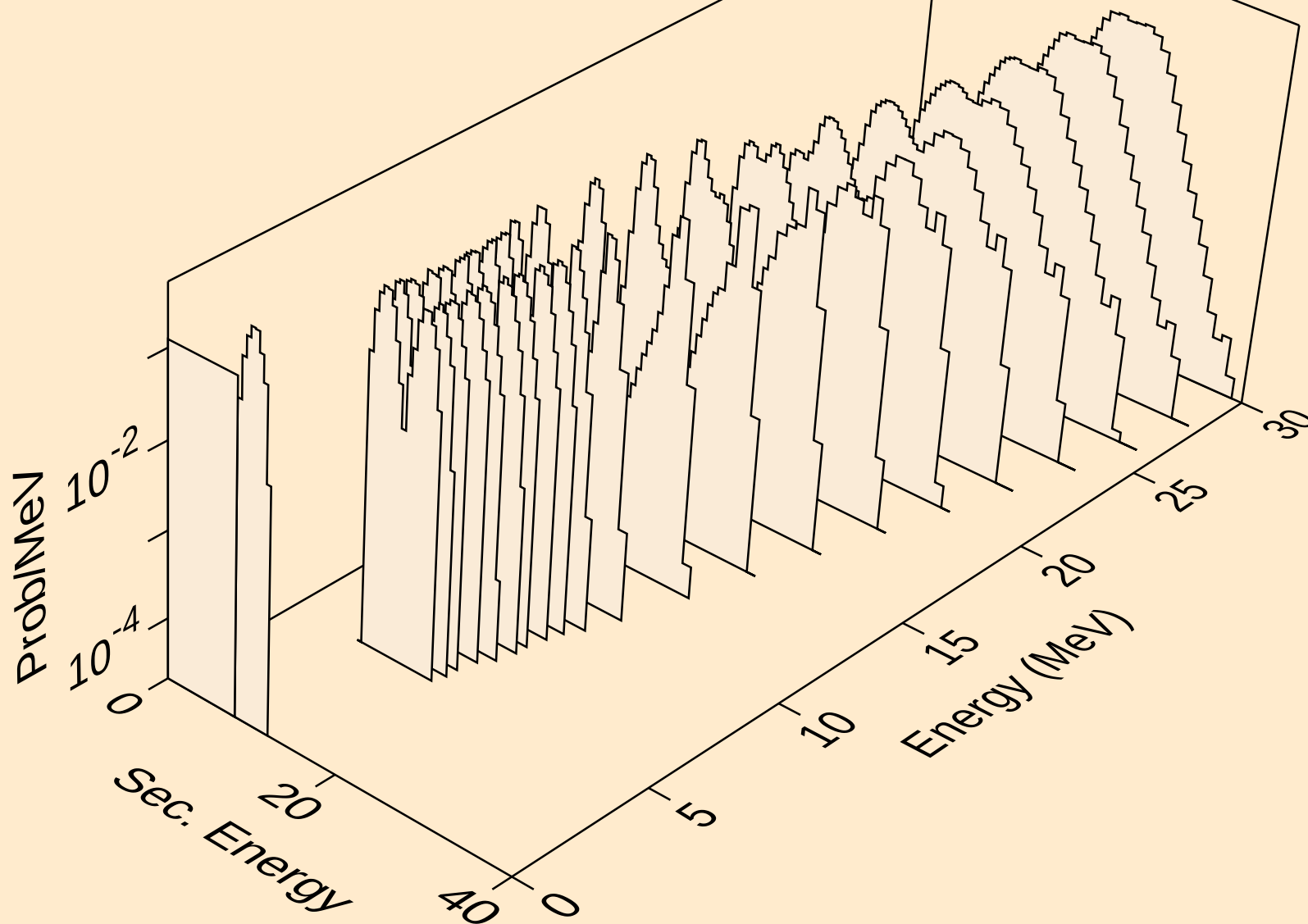
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



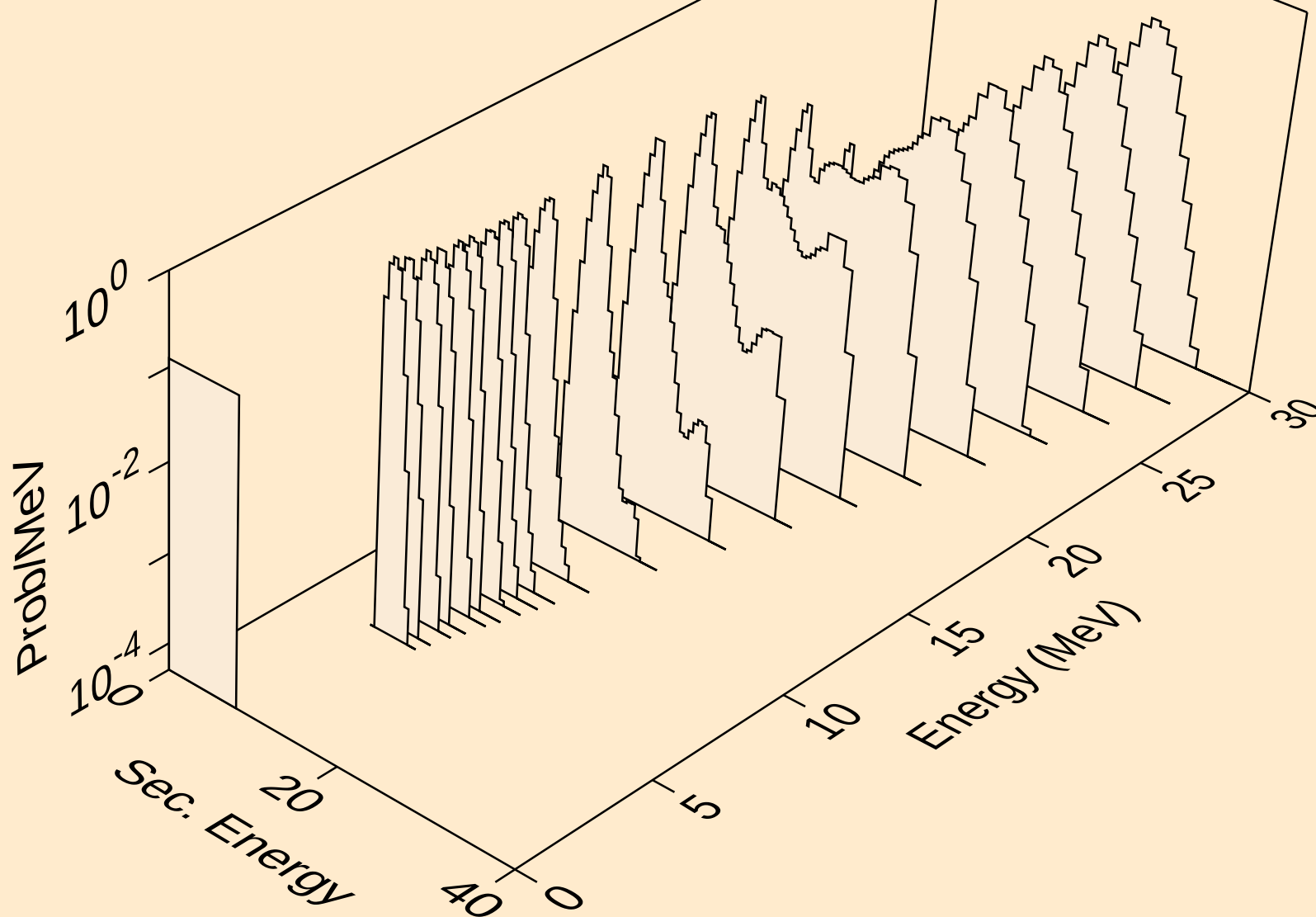
ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



ES247 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

