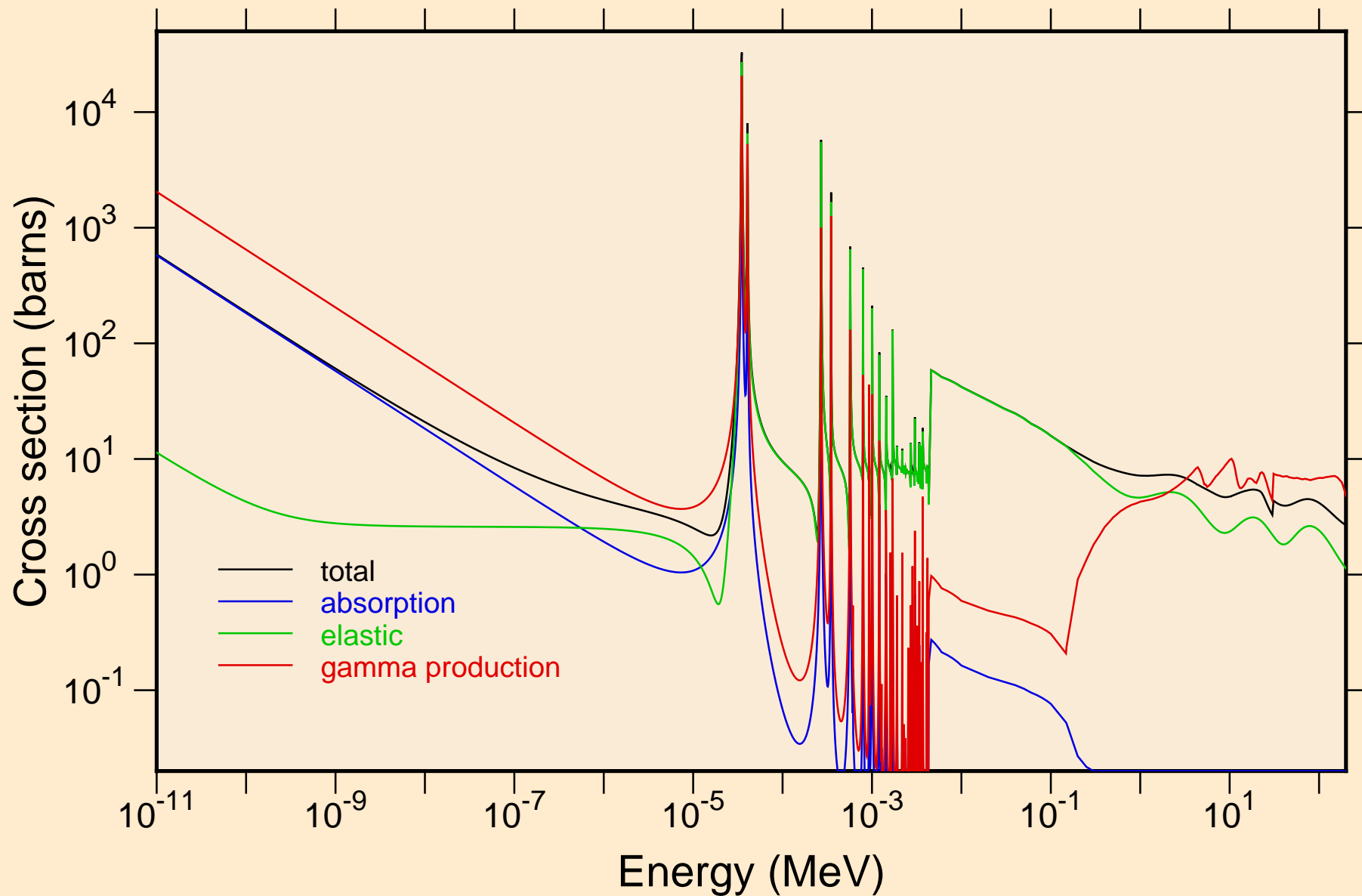
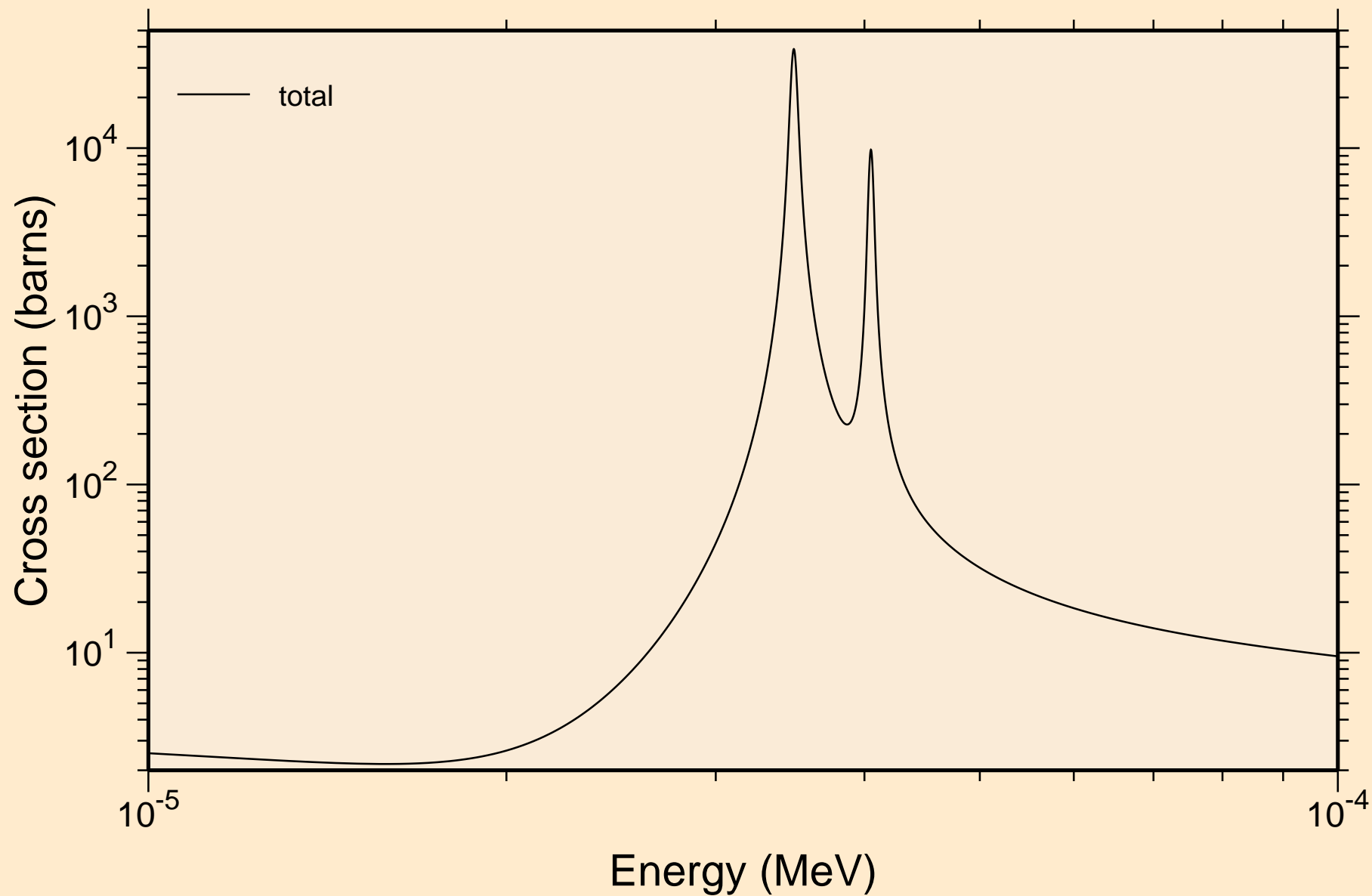


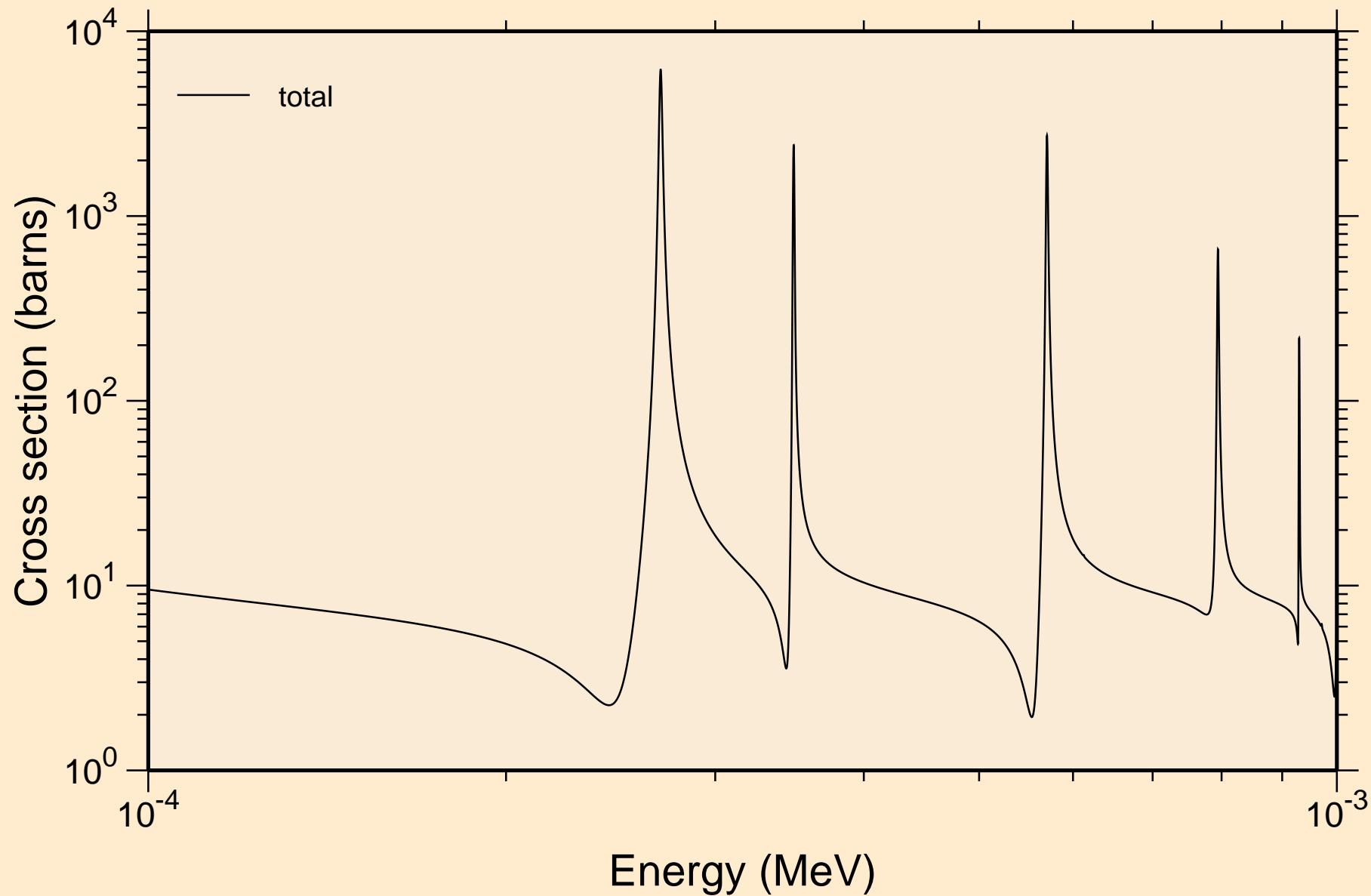
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



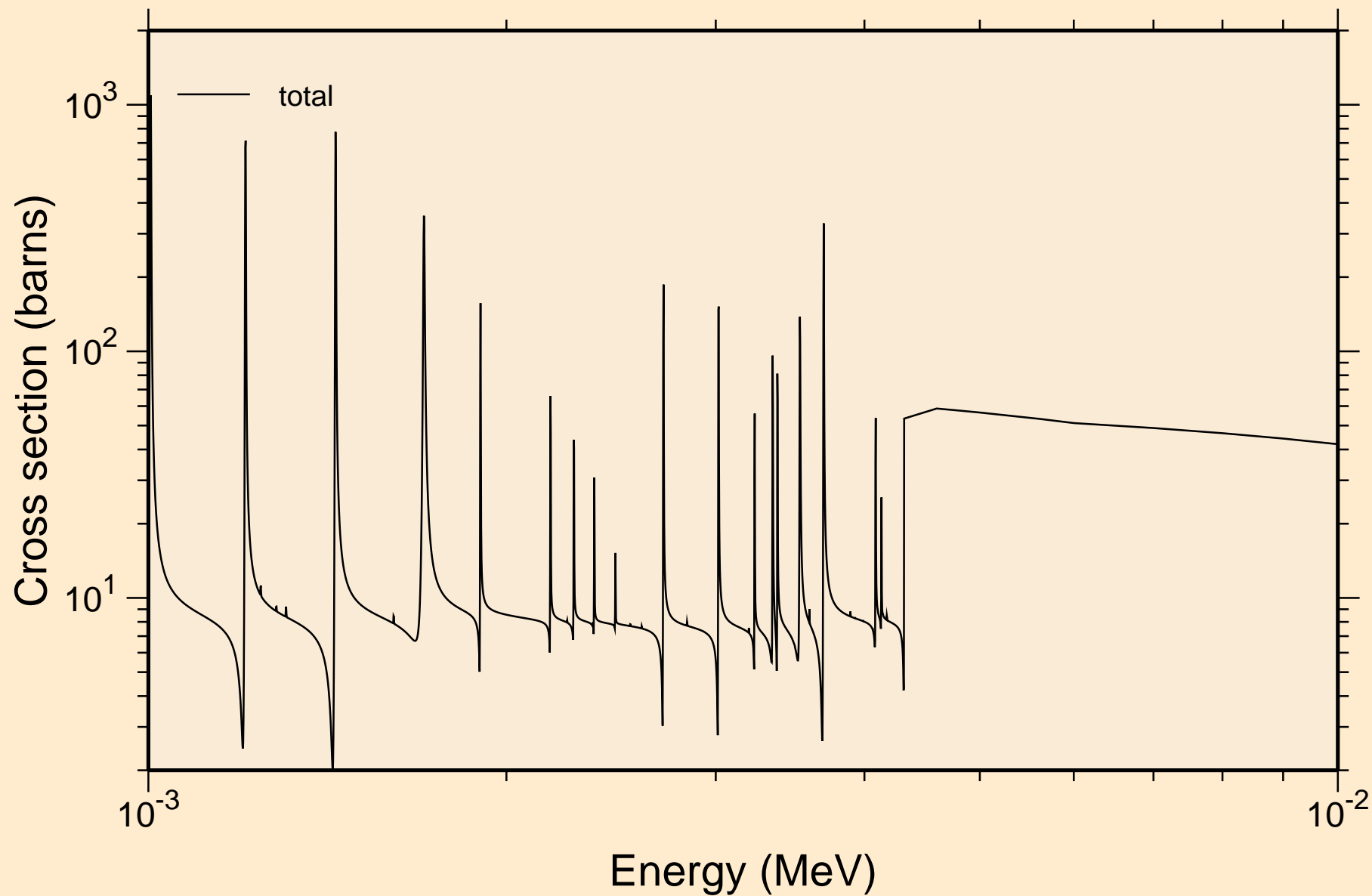
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resonance total cross section



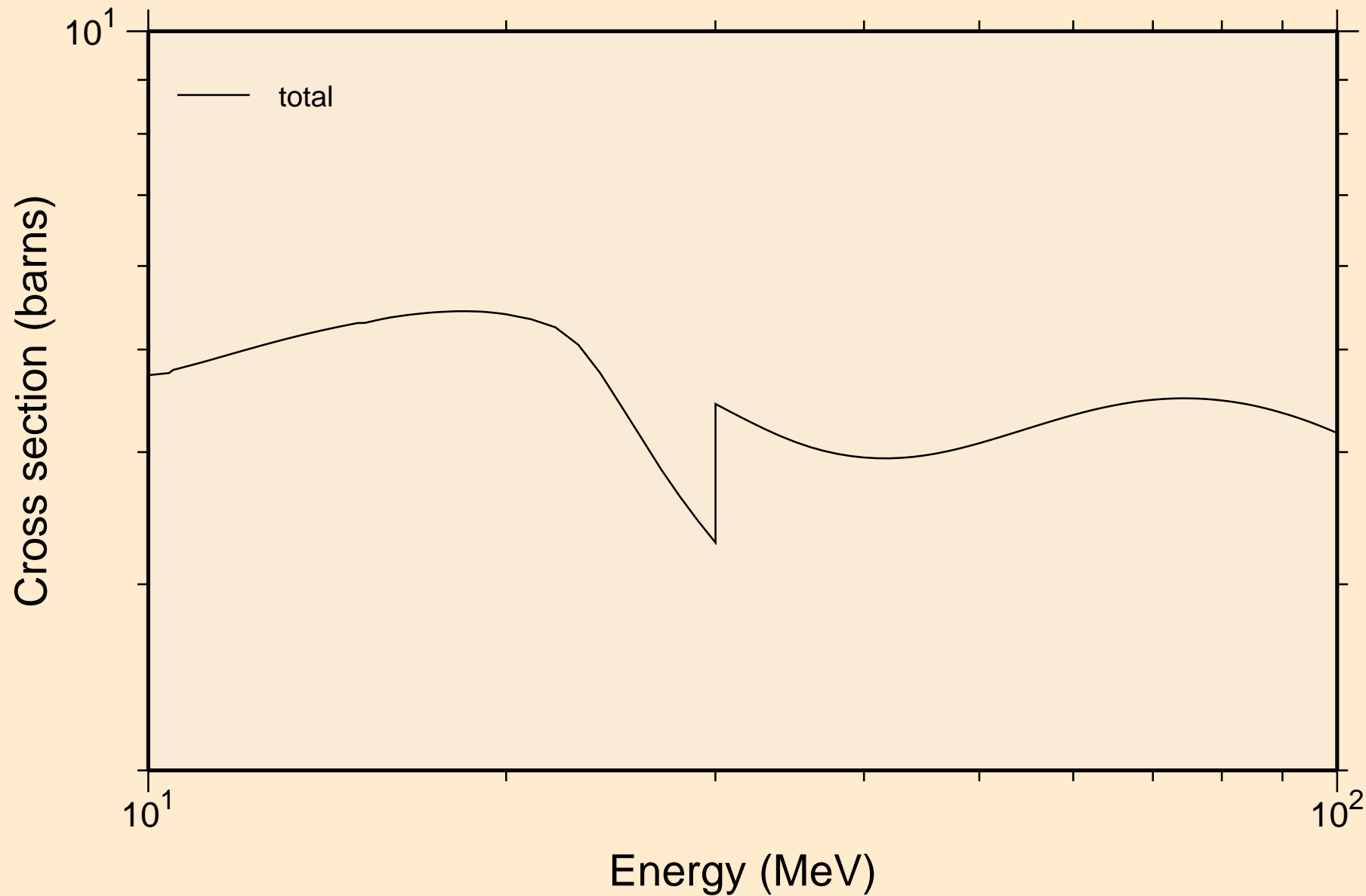
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



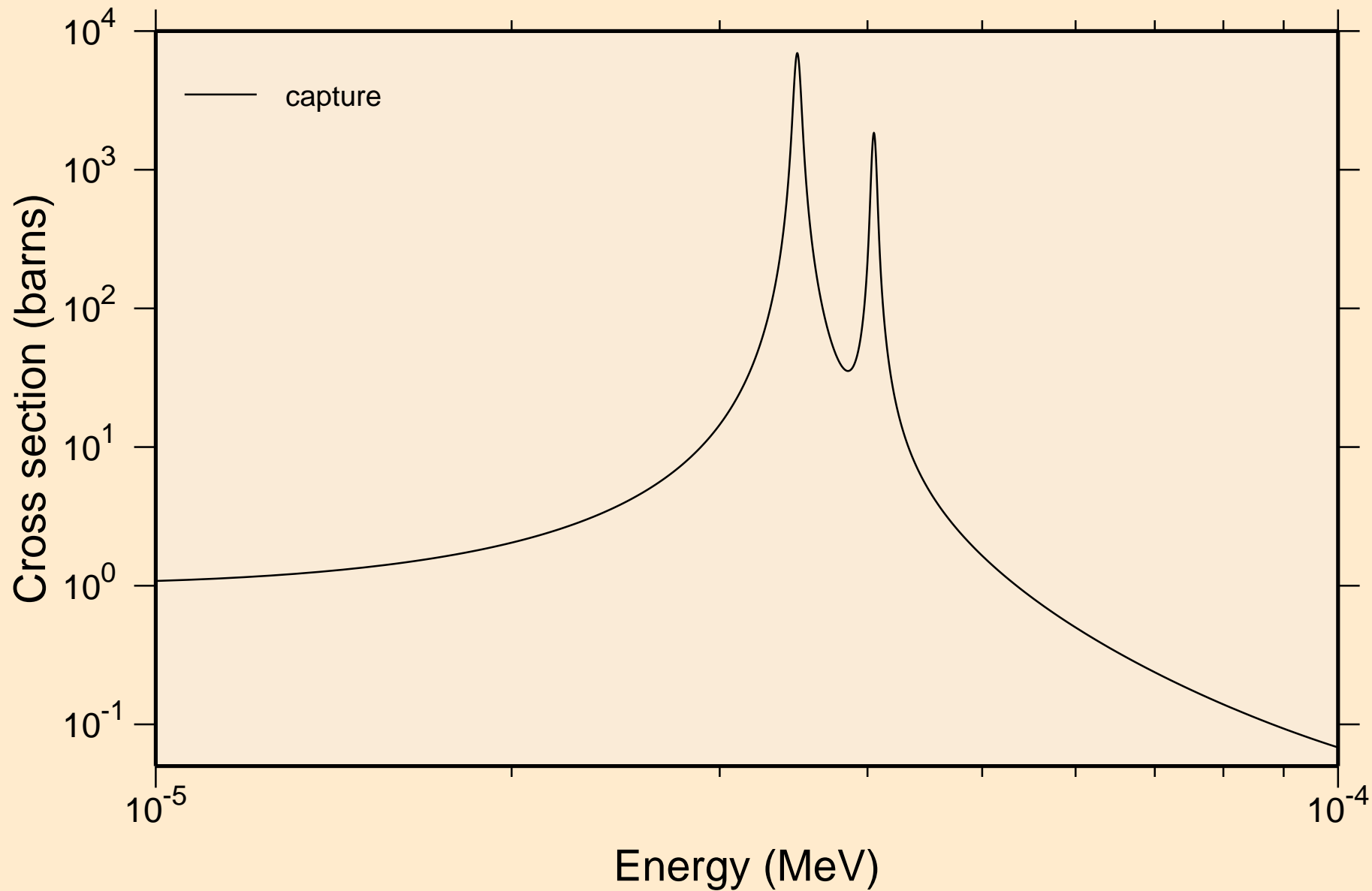
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resonance total cross section



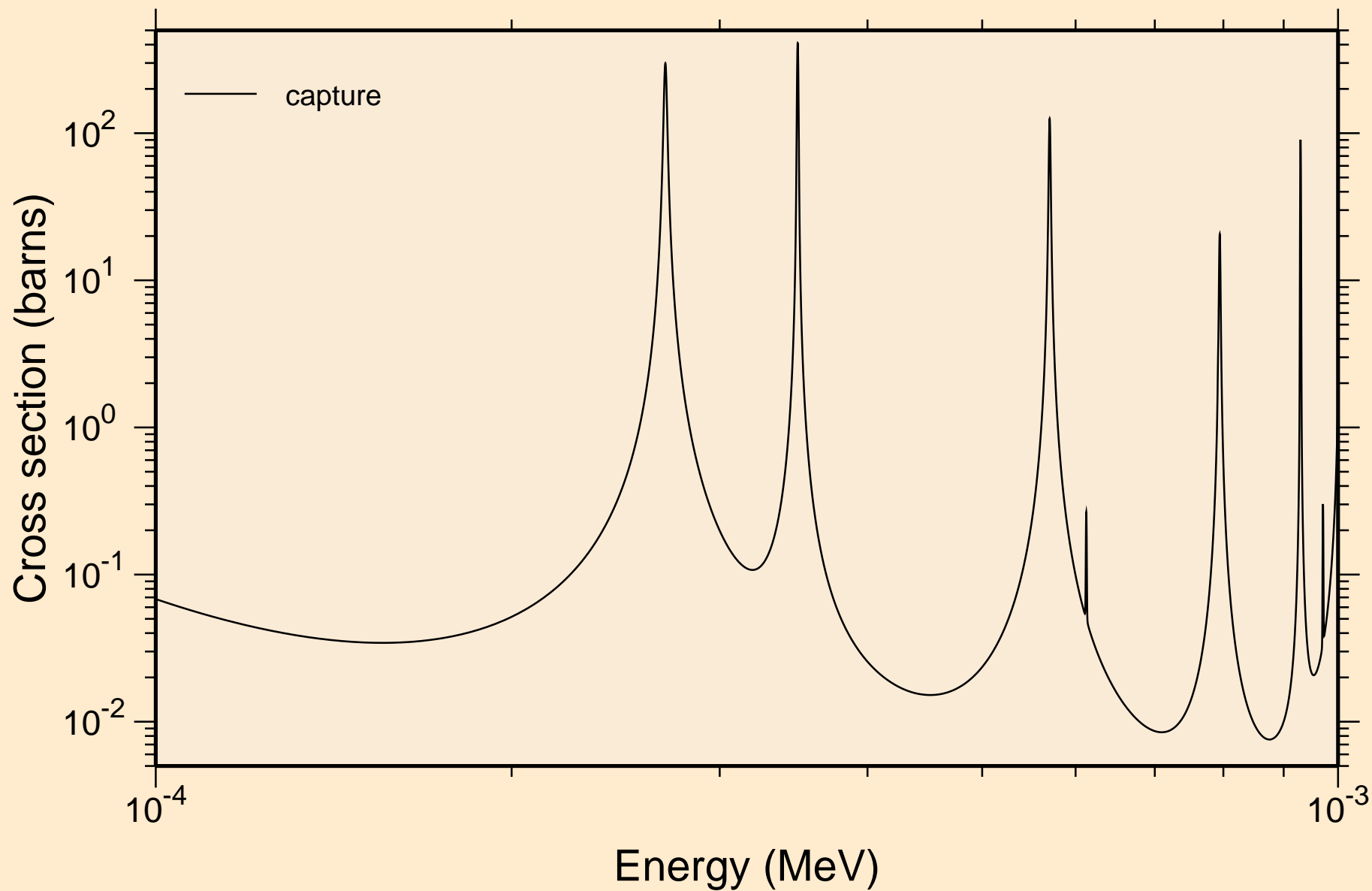
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resonance total cross section



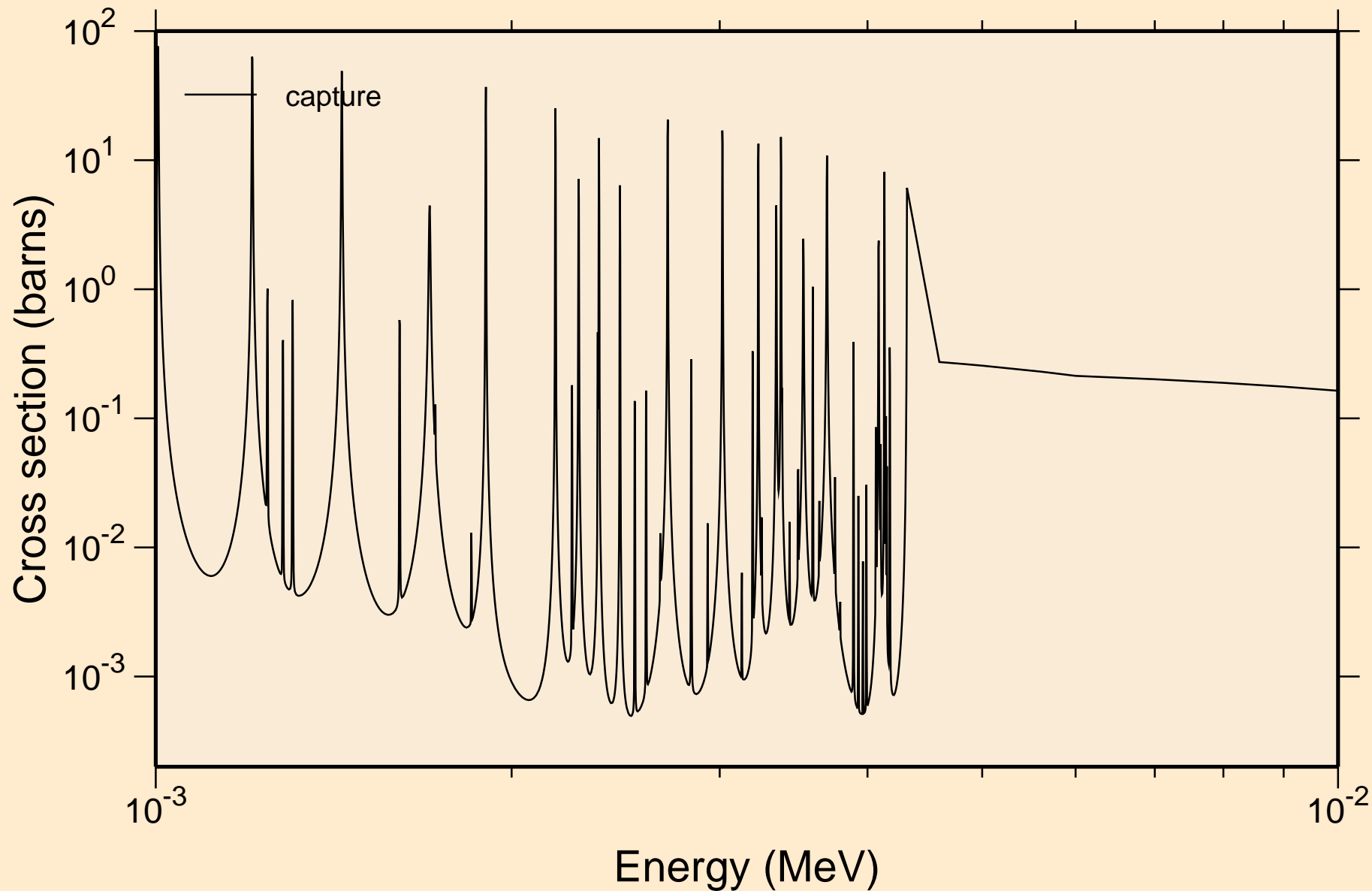
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resonance absorption cross sections



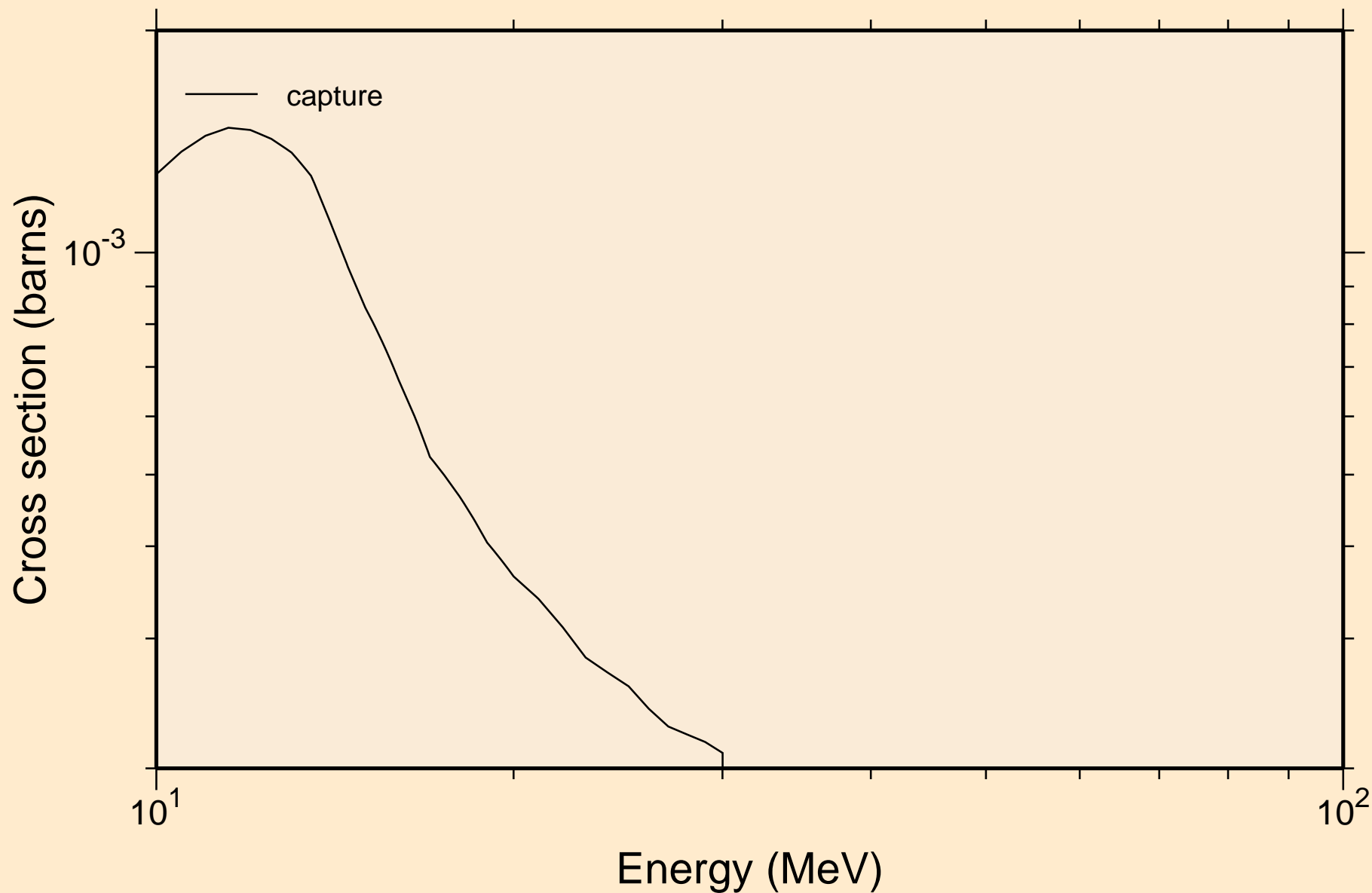
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resonance absorption cross sections



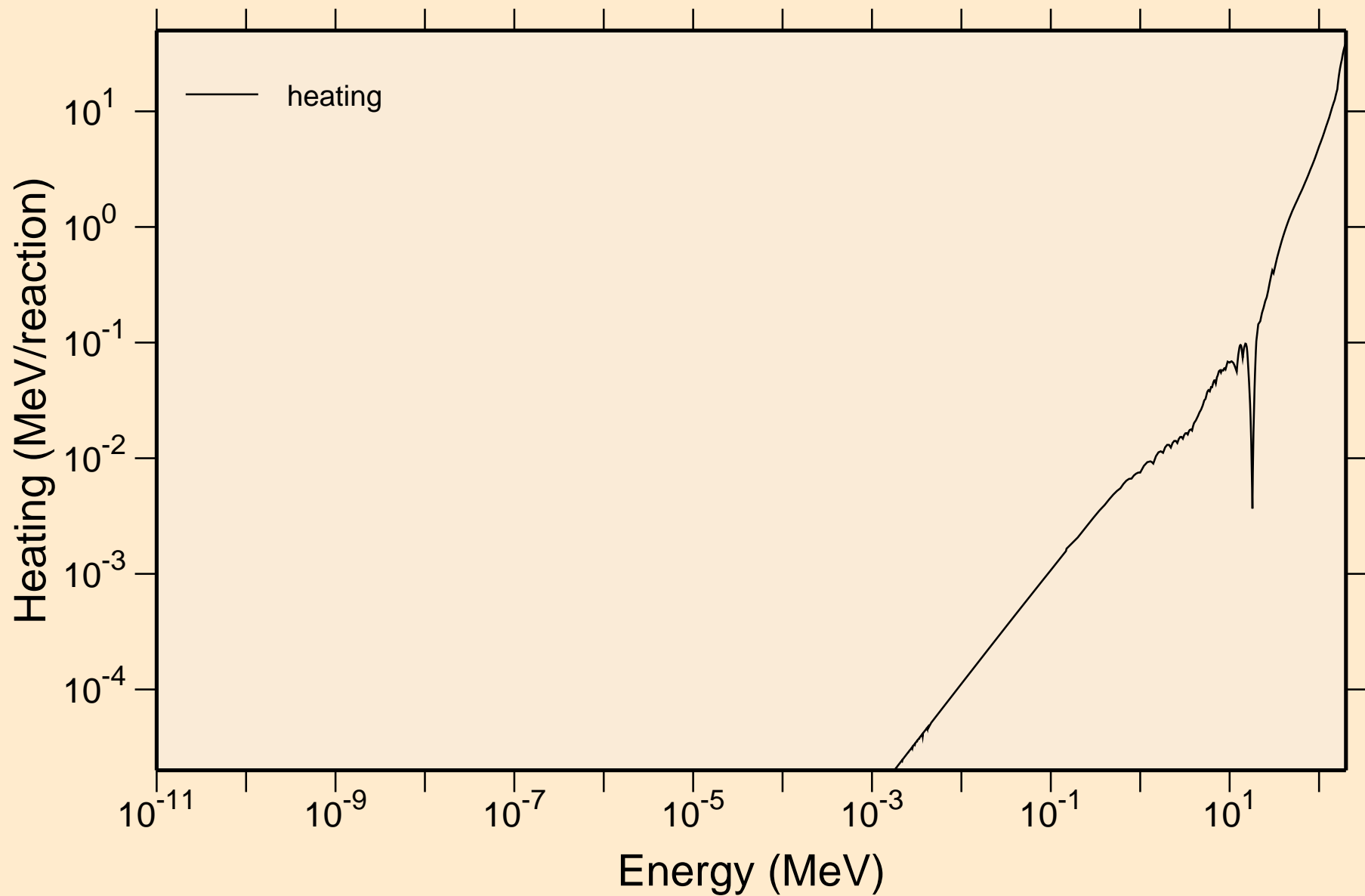
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resonance absorption cross sections



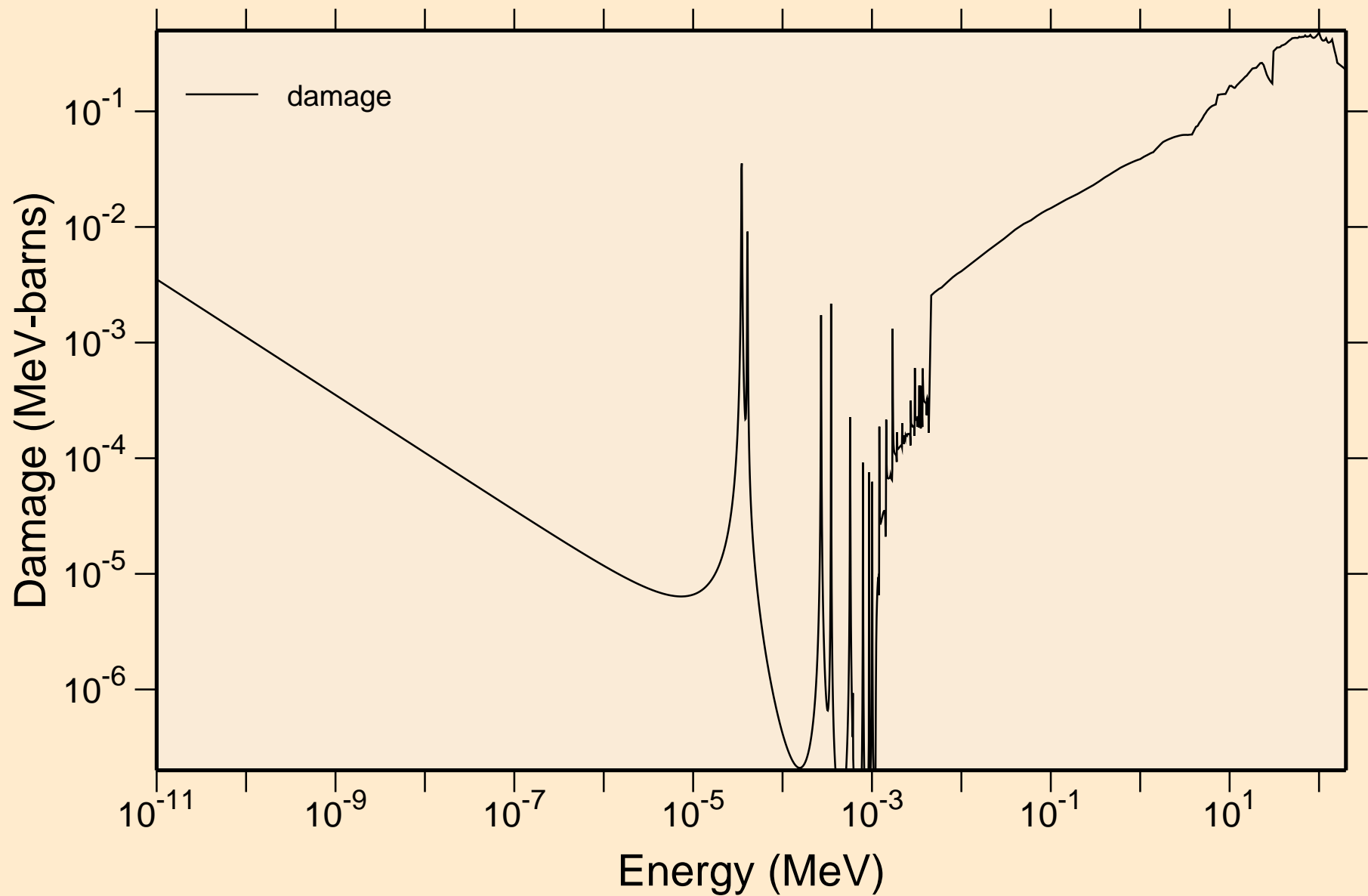
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resonance absorption cross sections



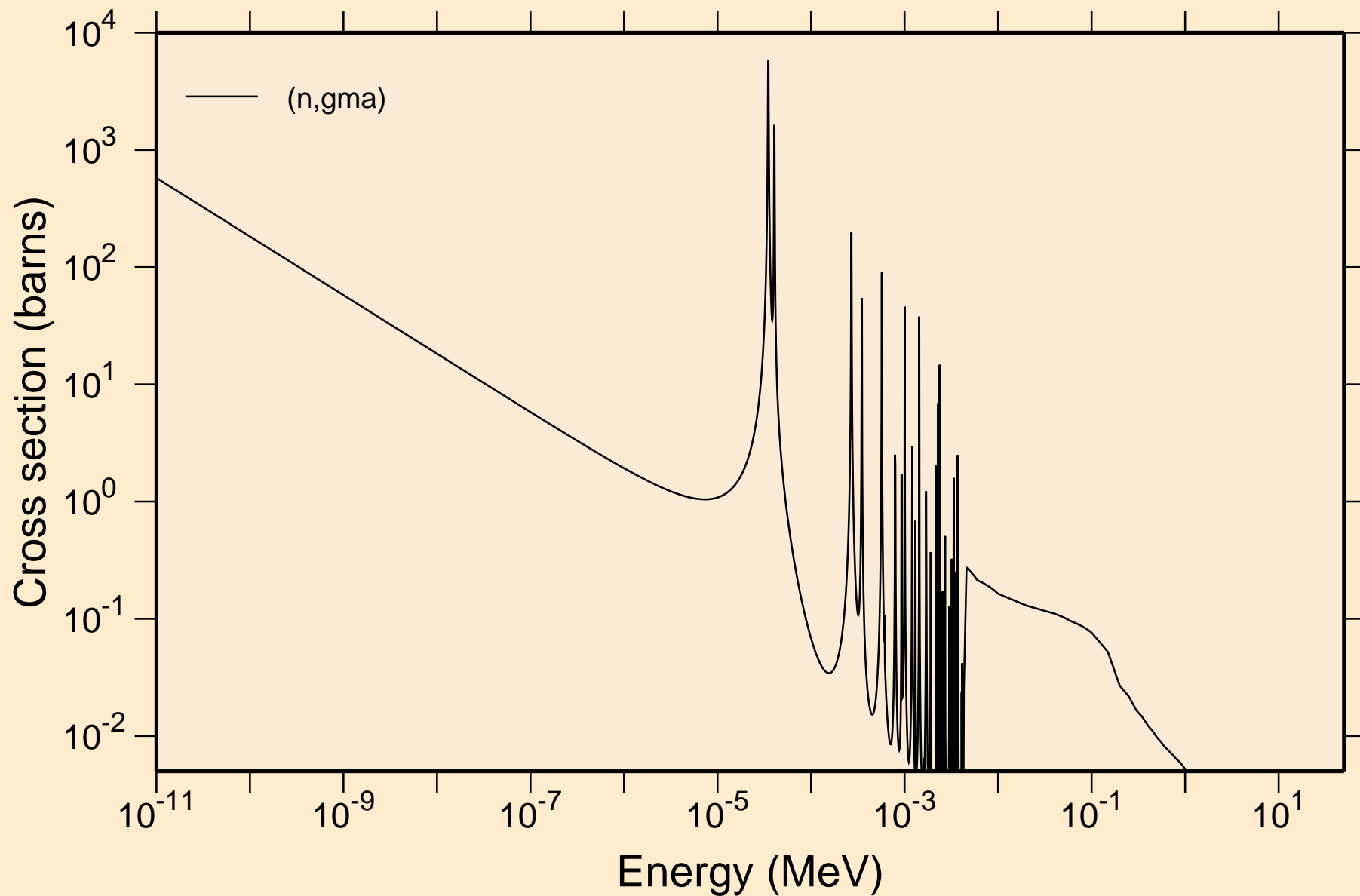
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



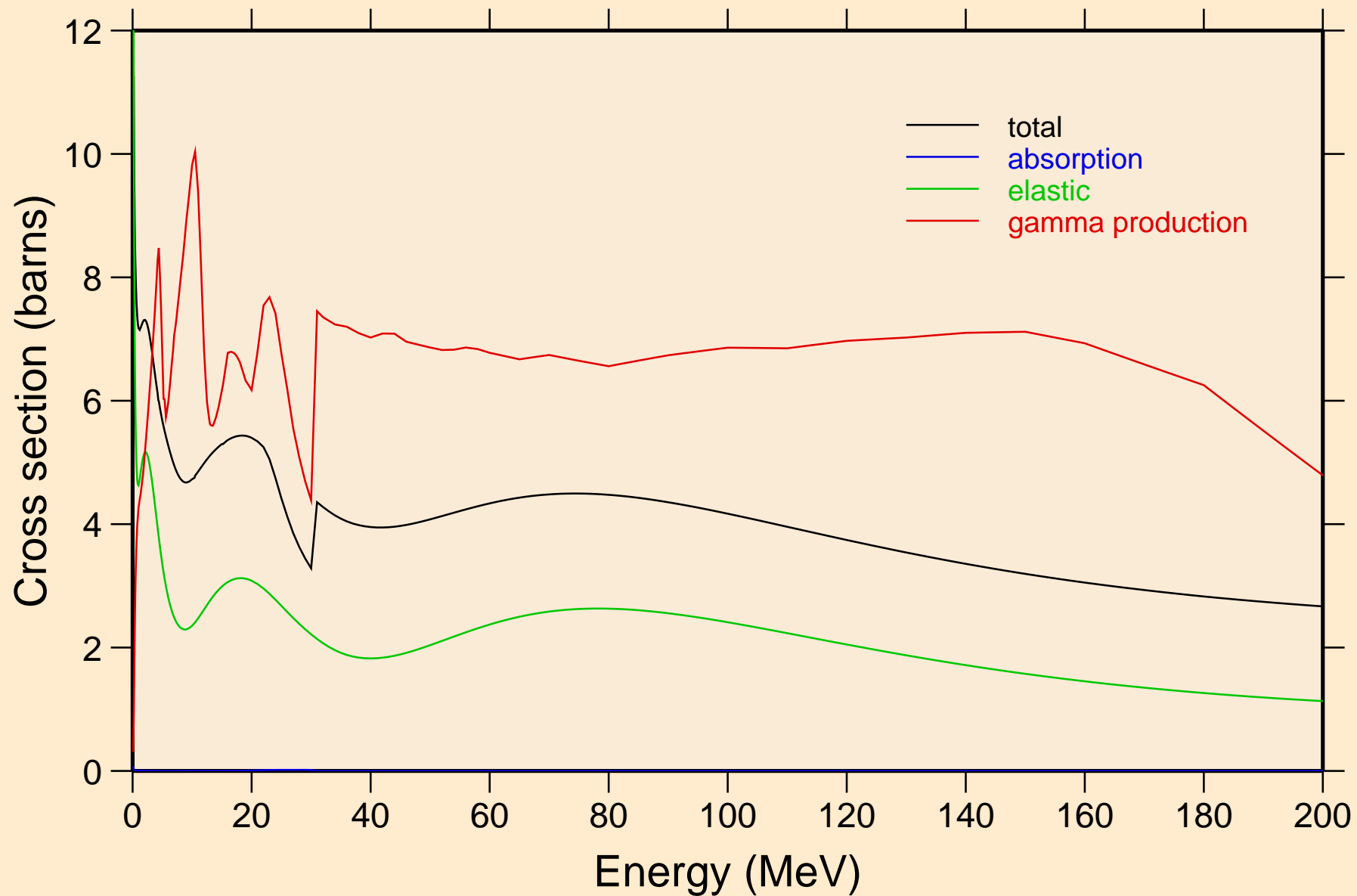
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Damage



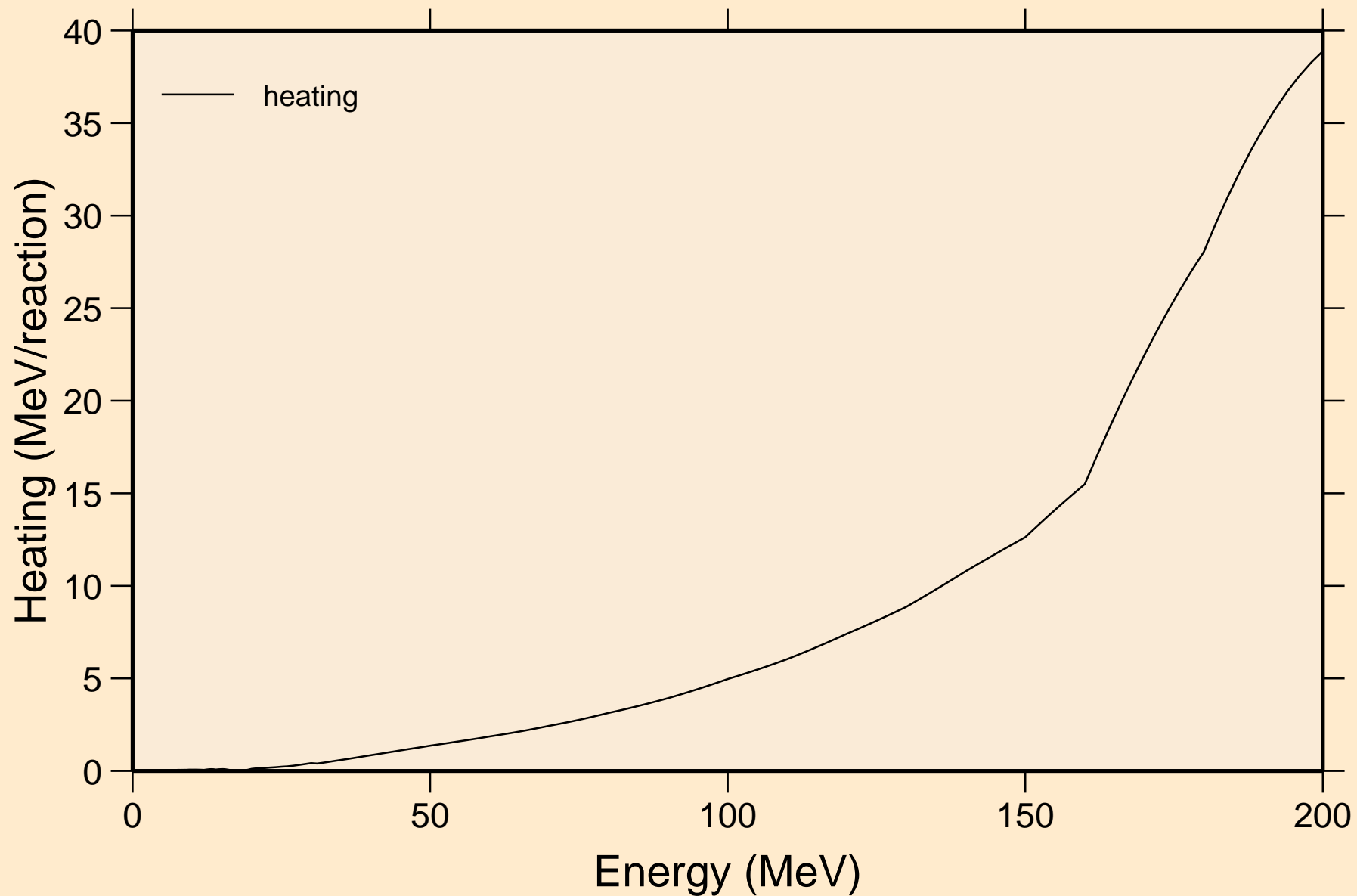
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



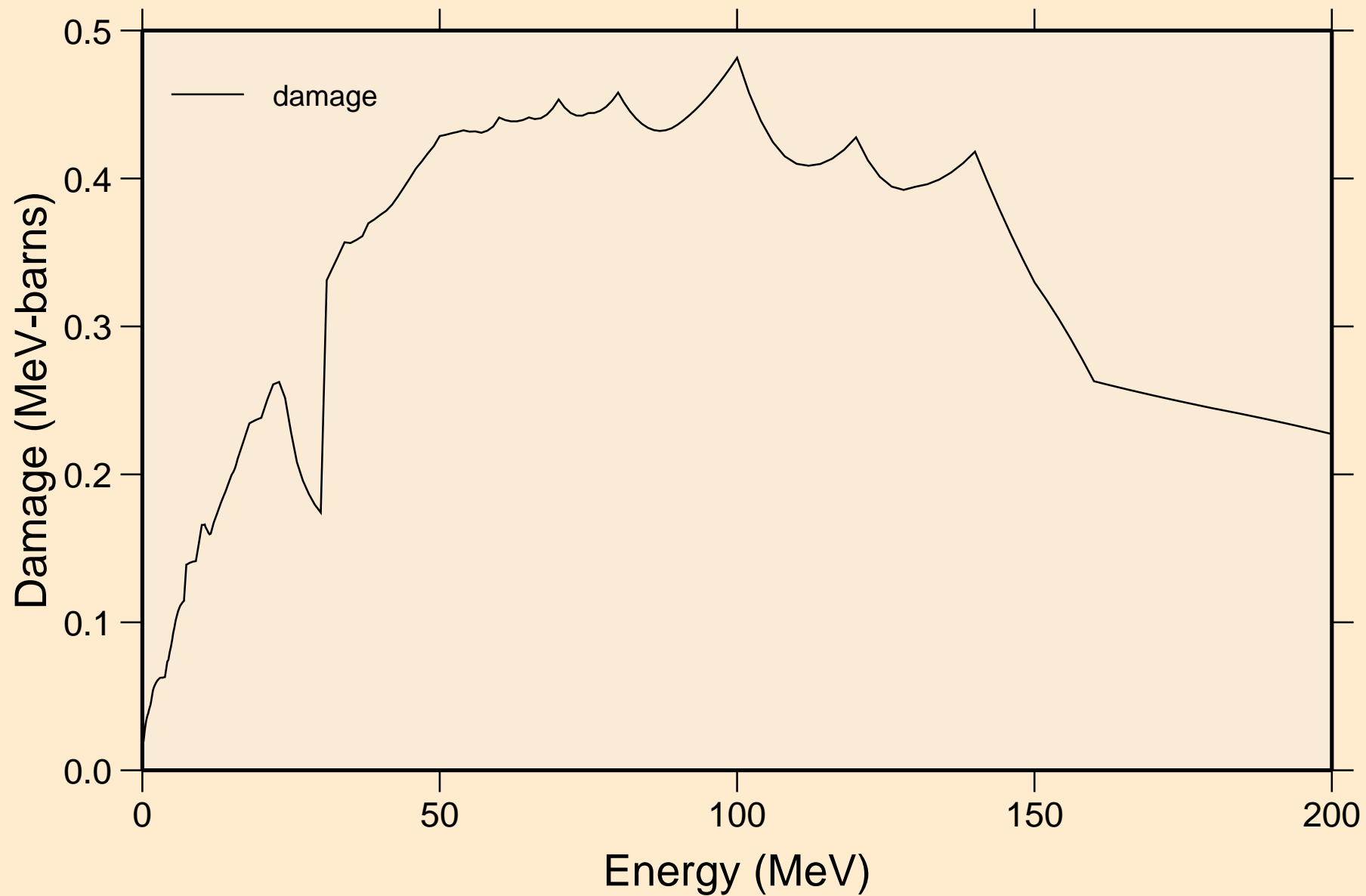
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Principal cross sections



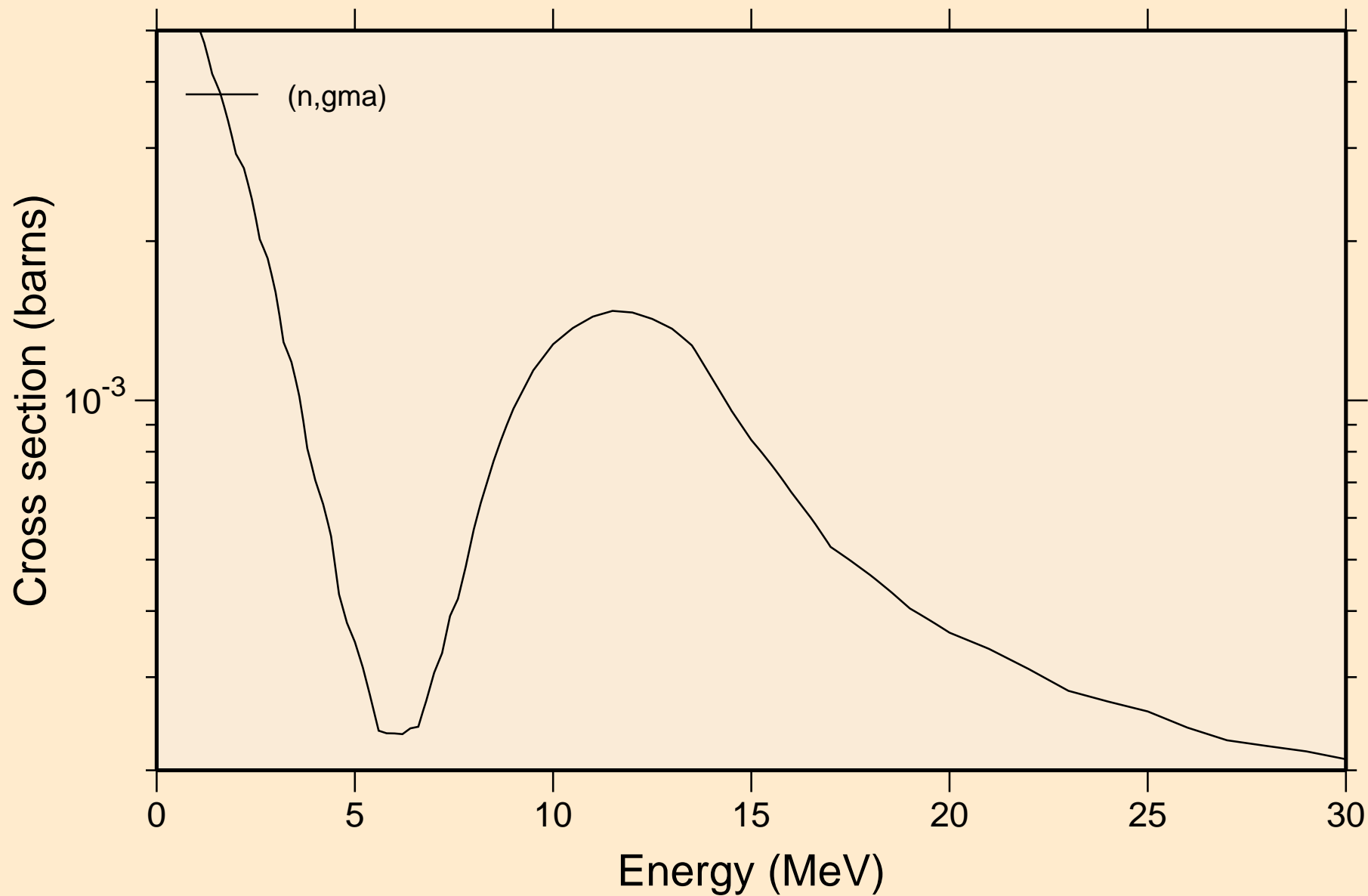
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



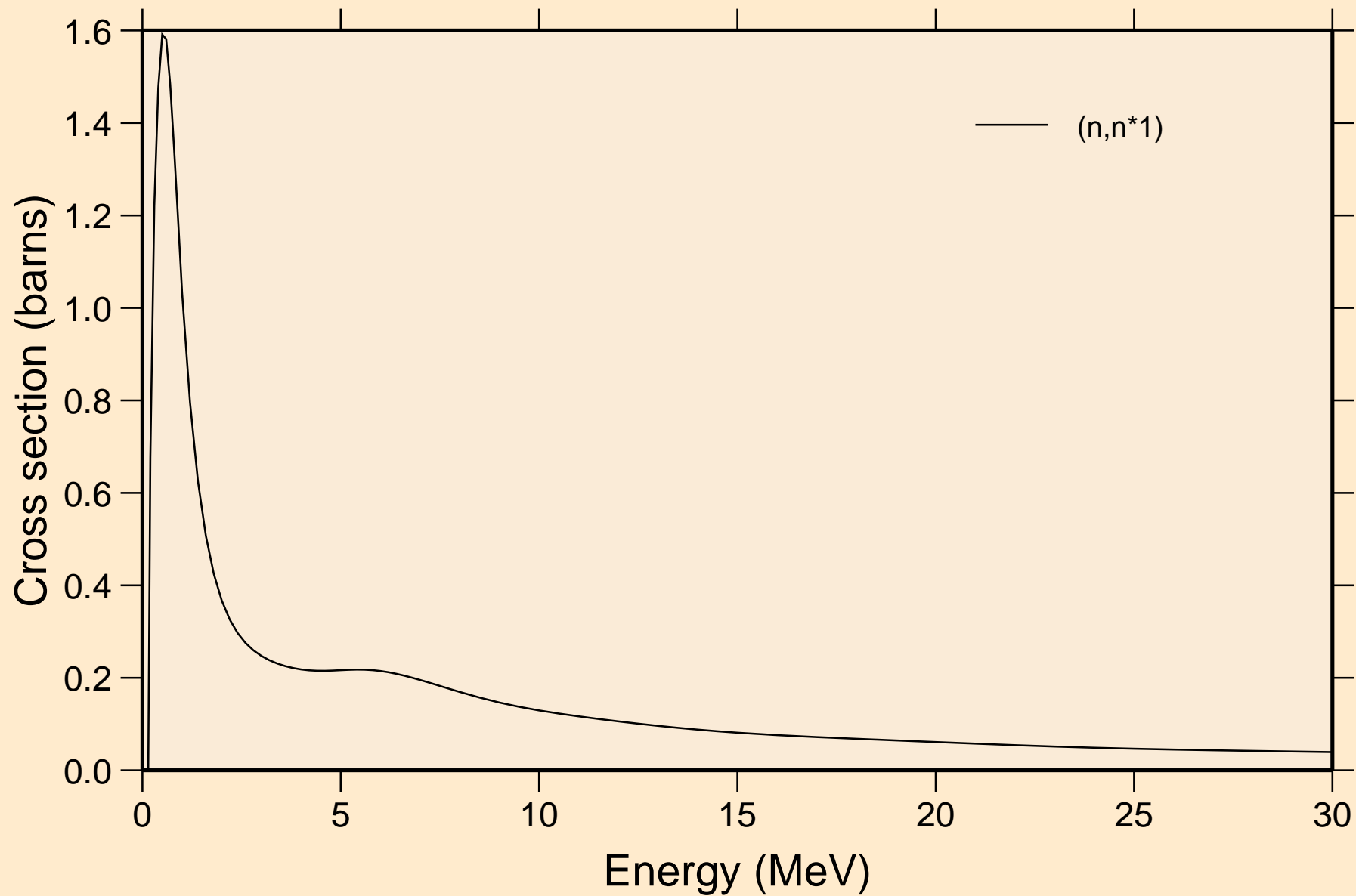
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Damage



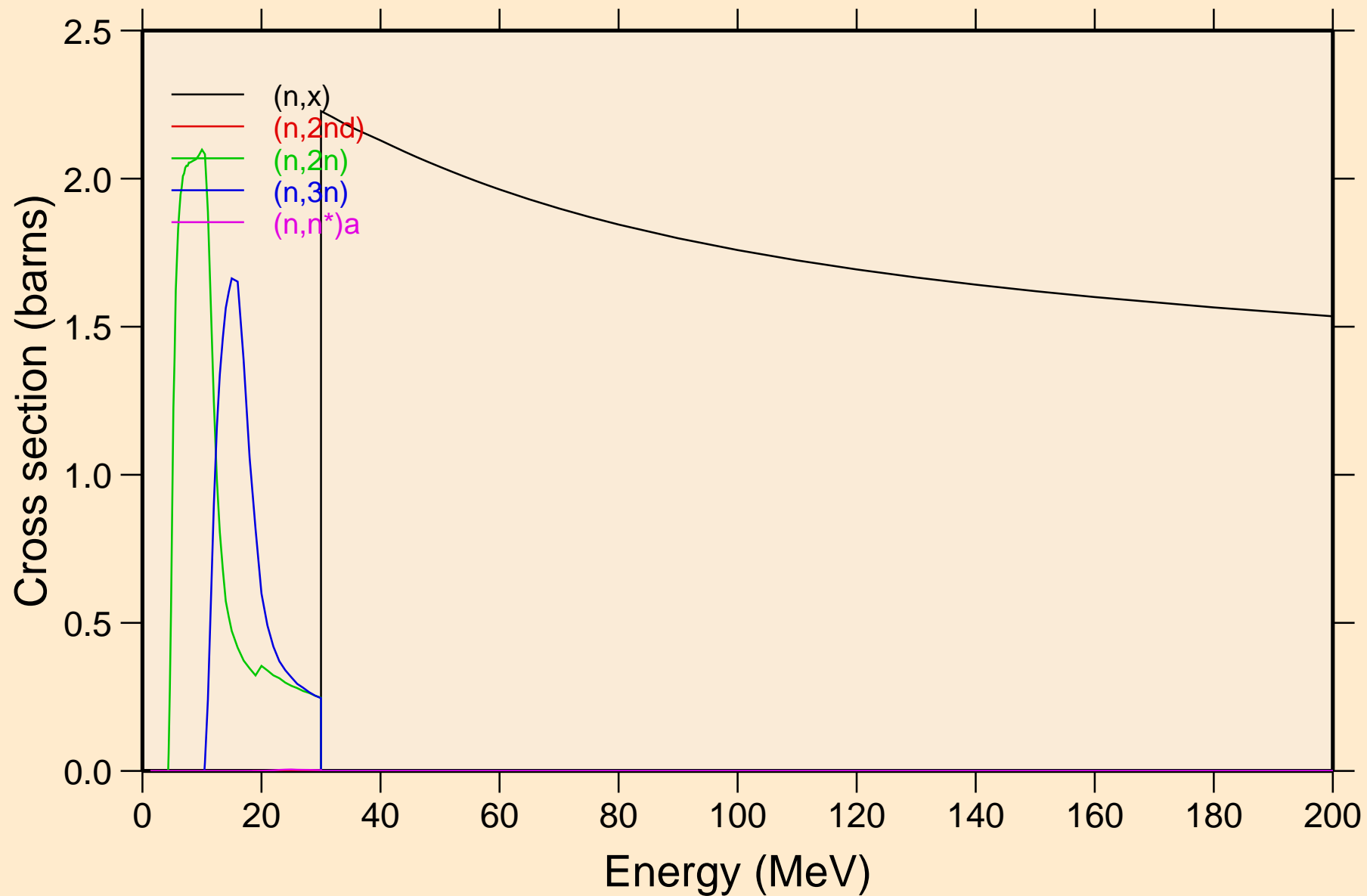
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Non-threshold reactions



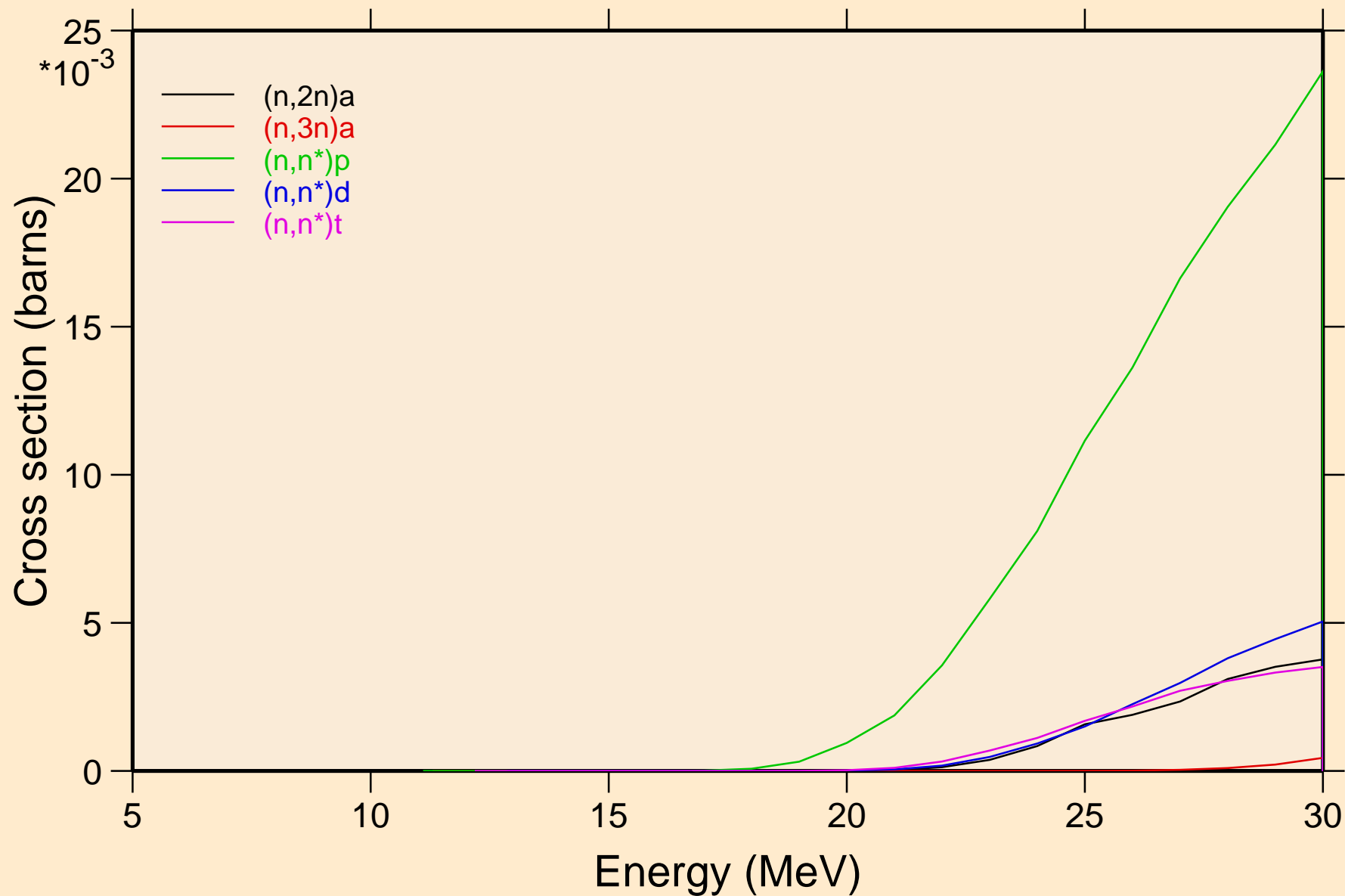
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



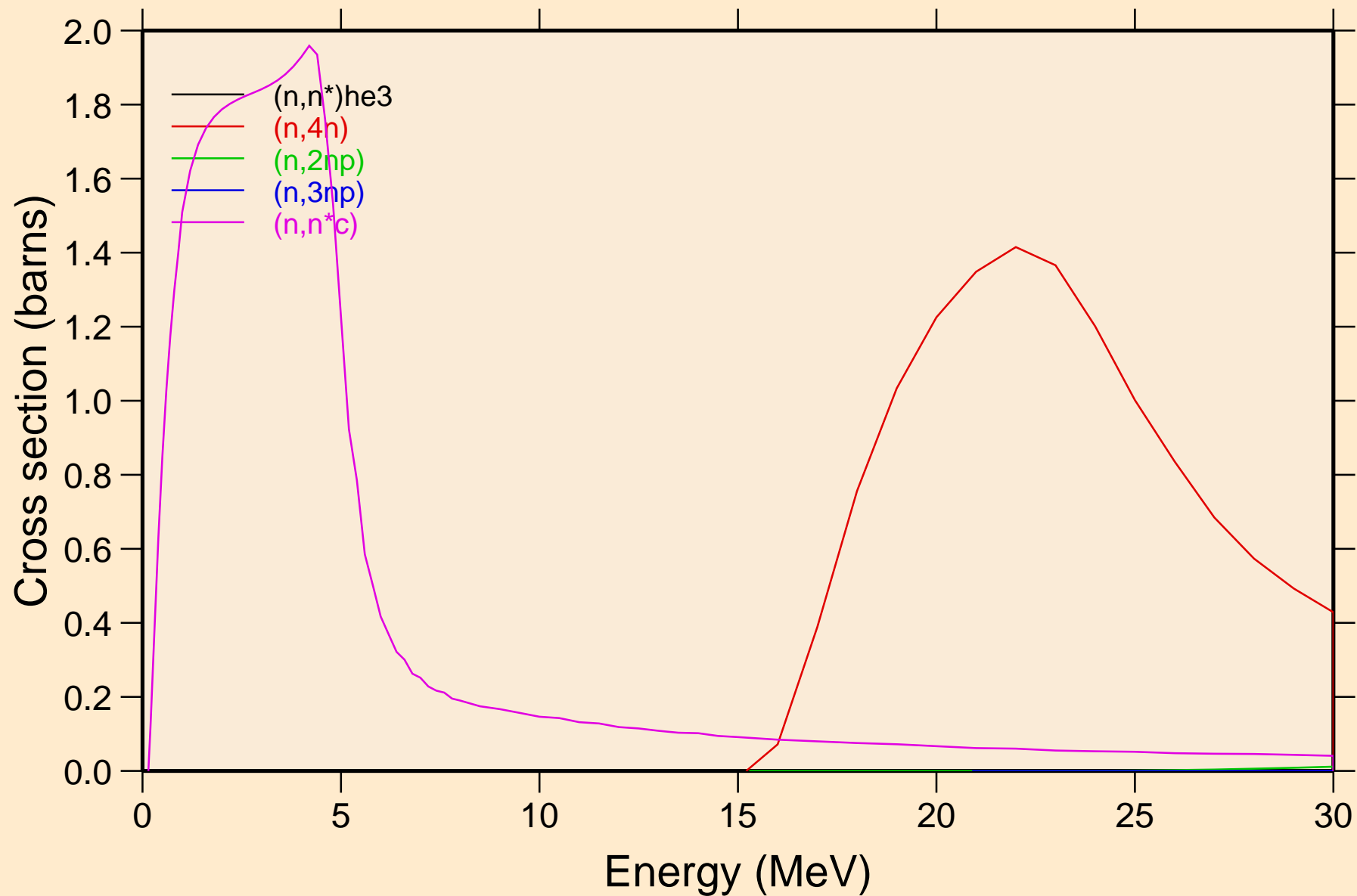
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



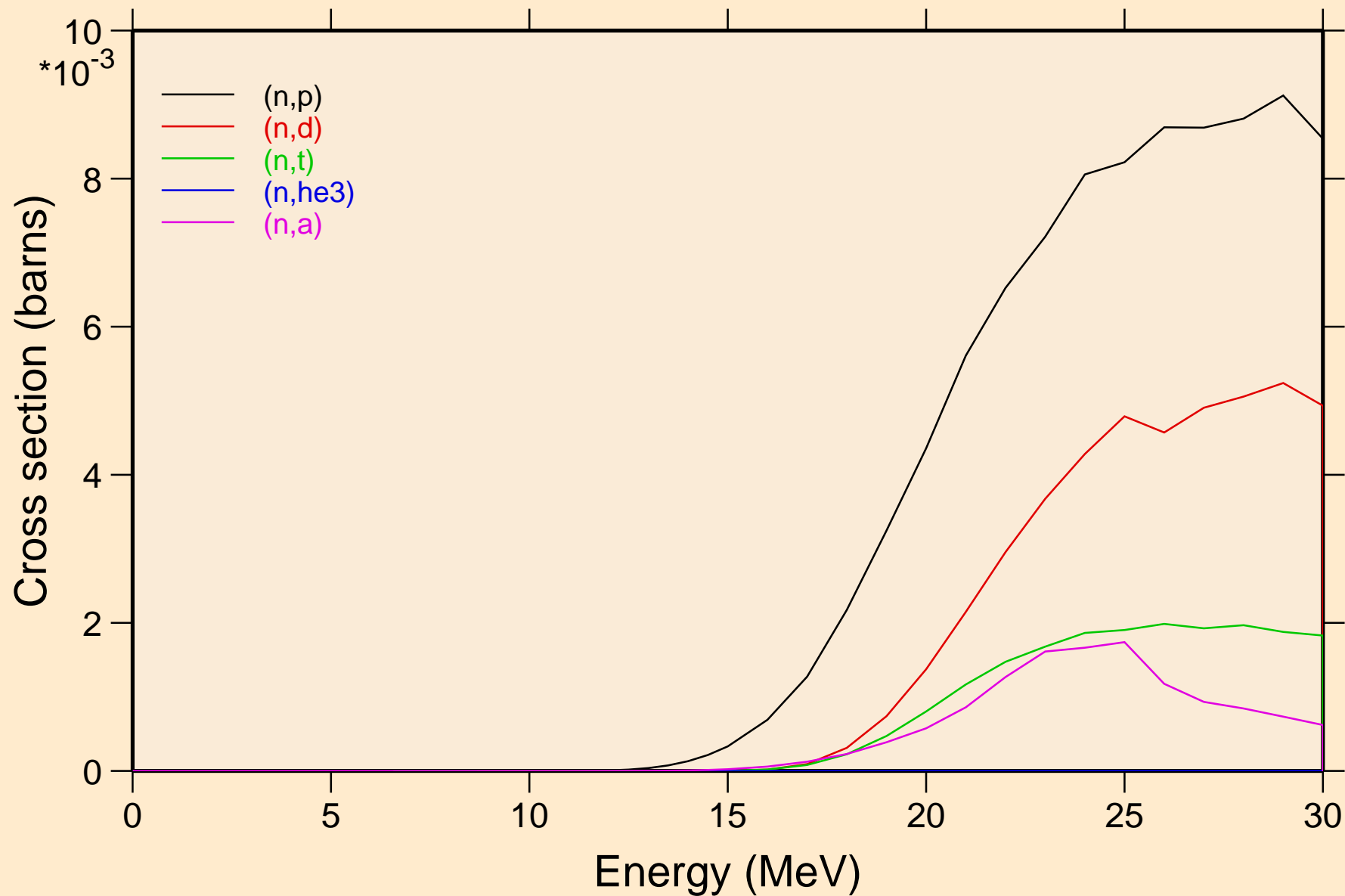
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



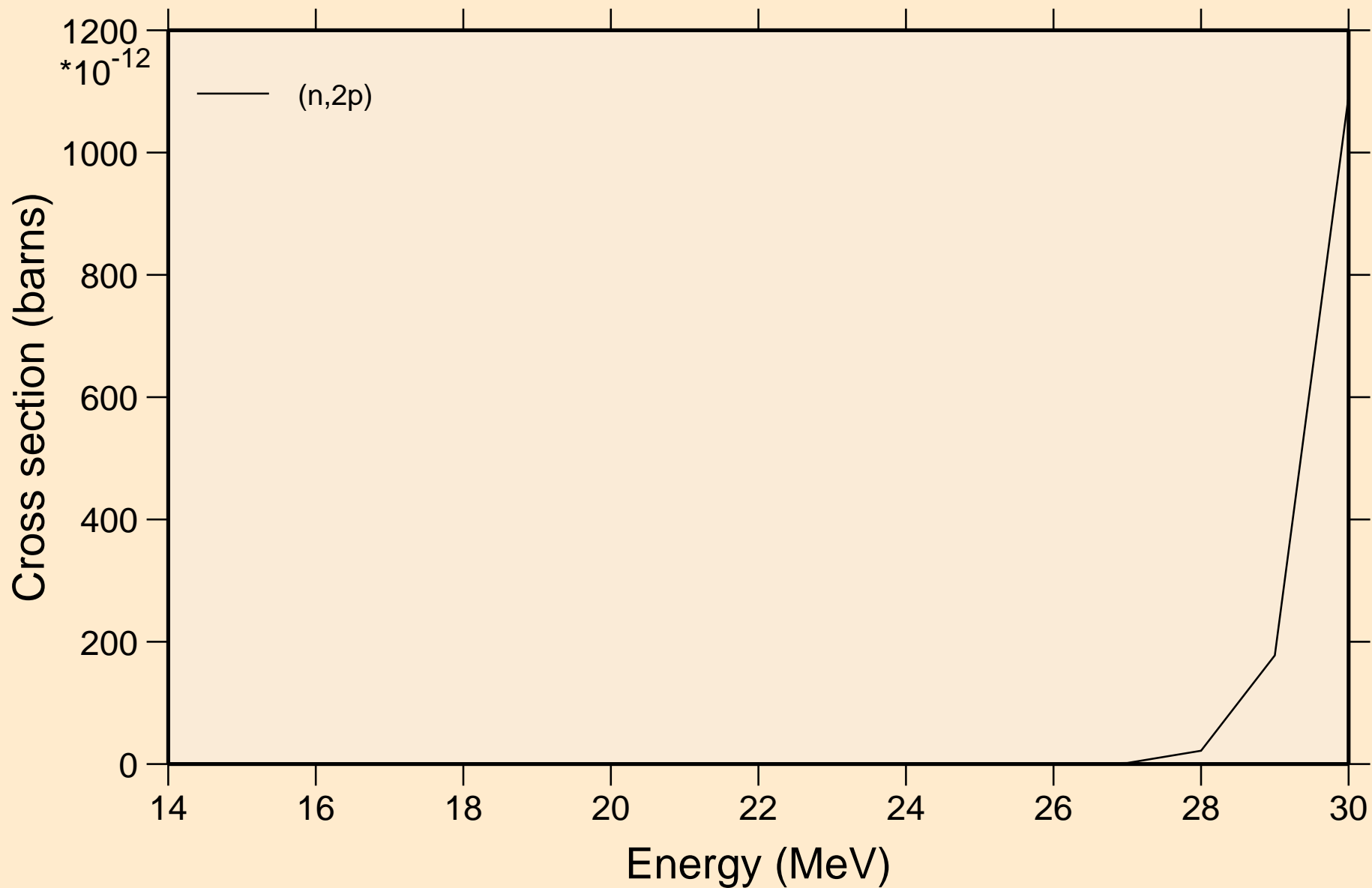
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



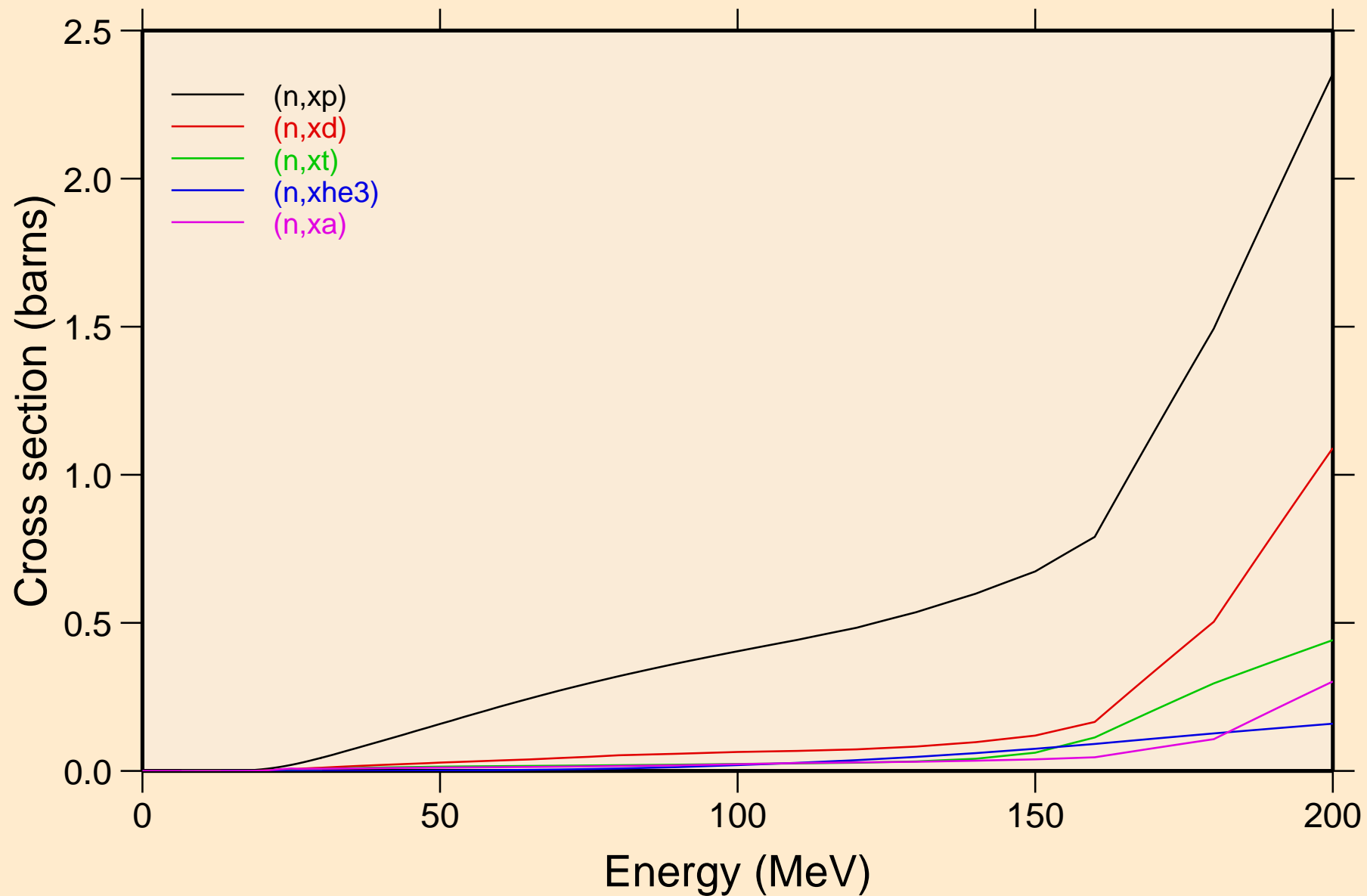
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



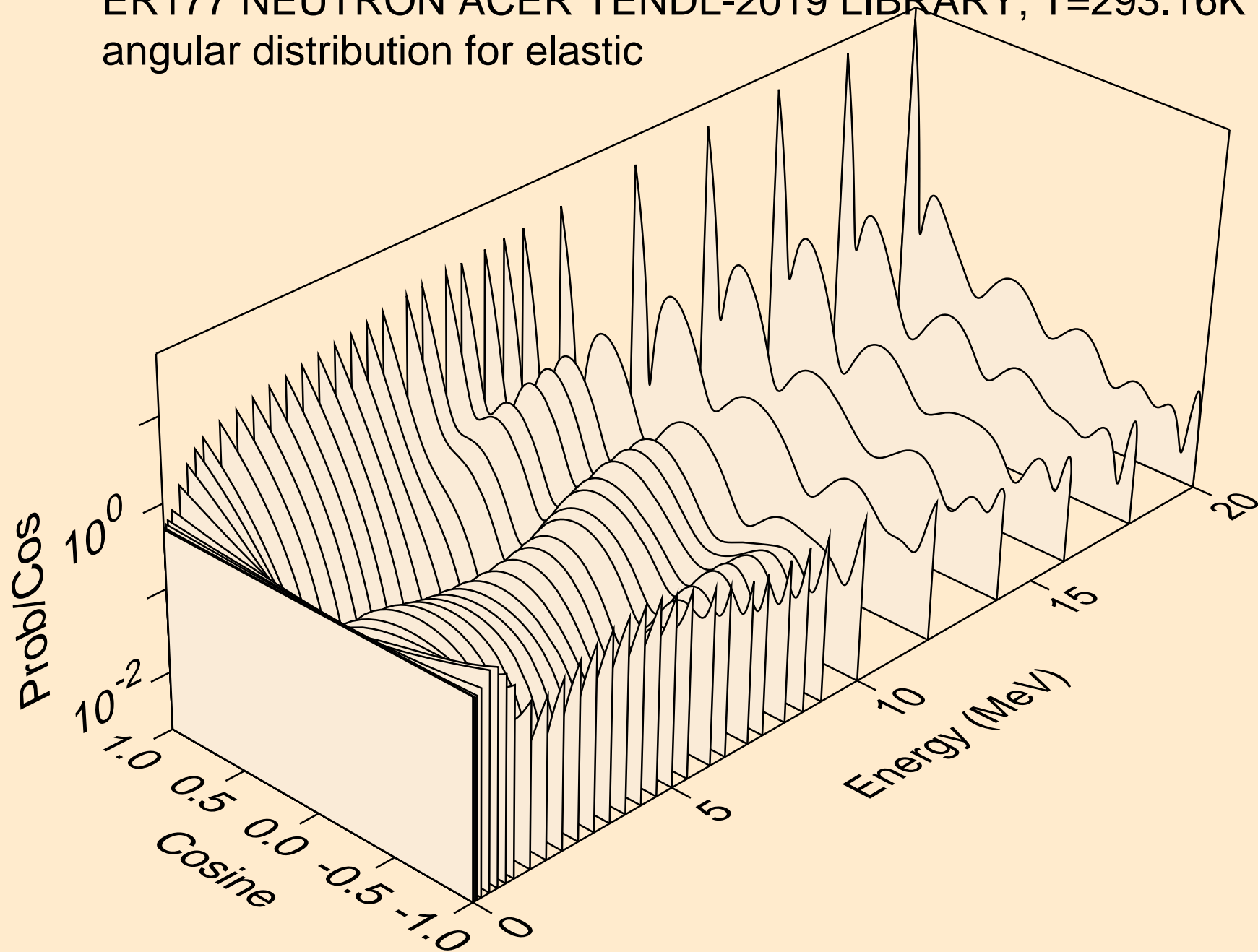
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



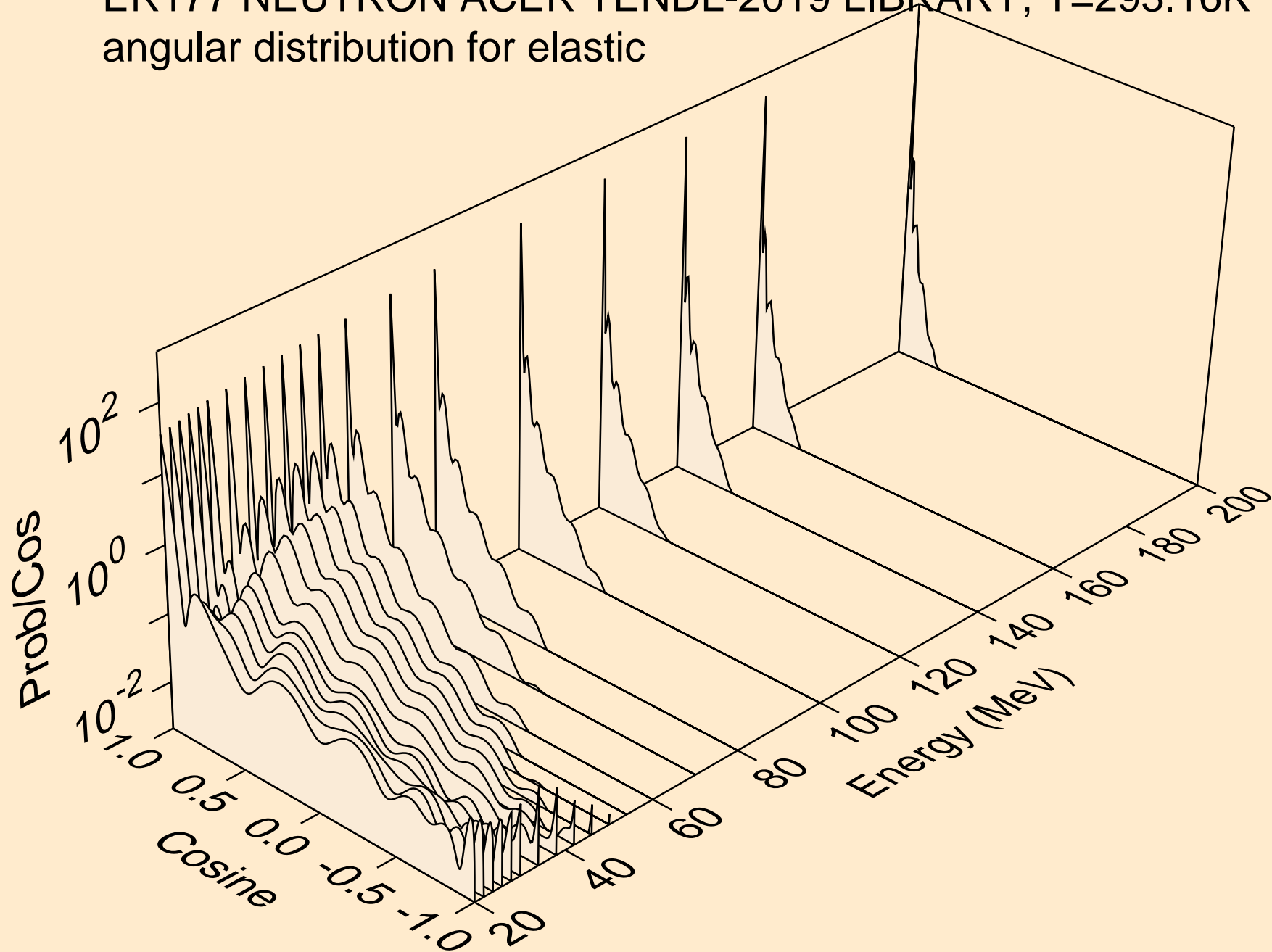
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



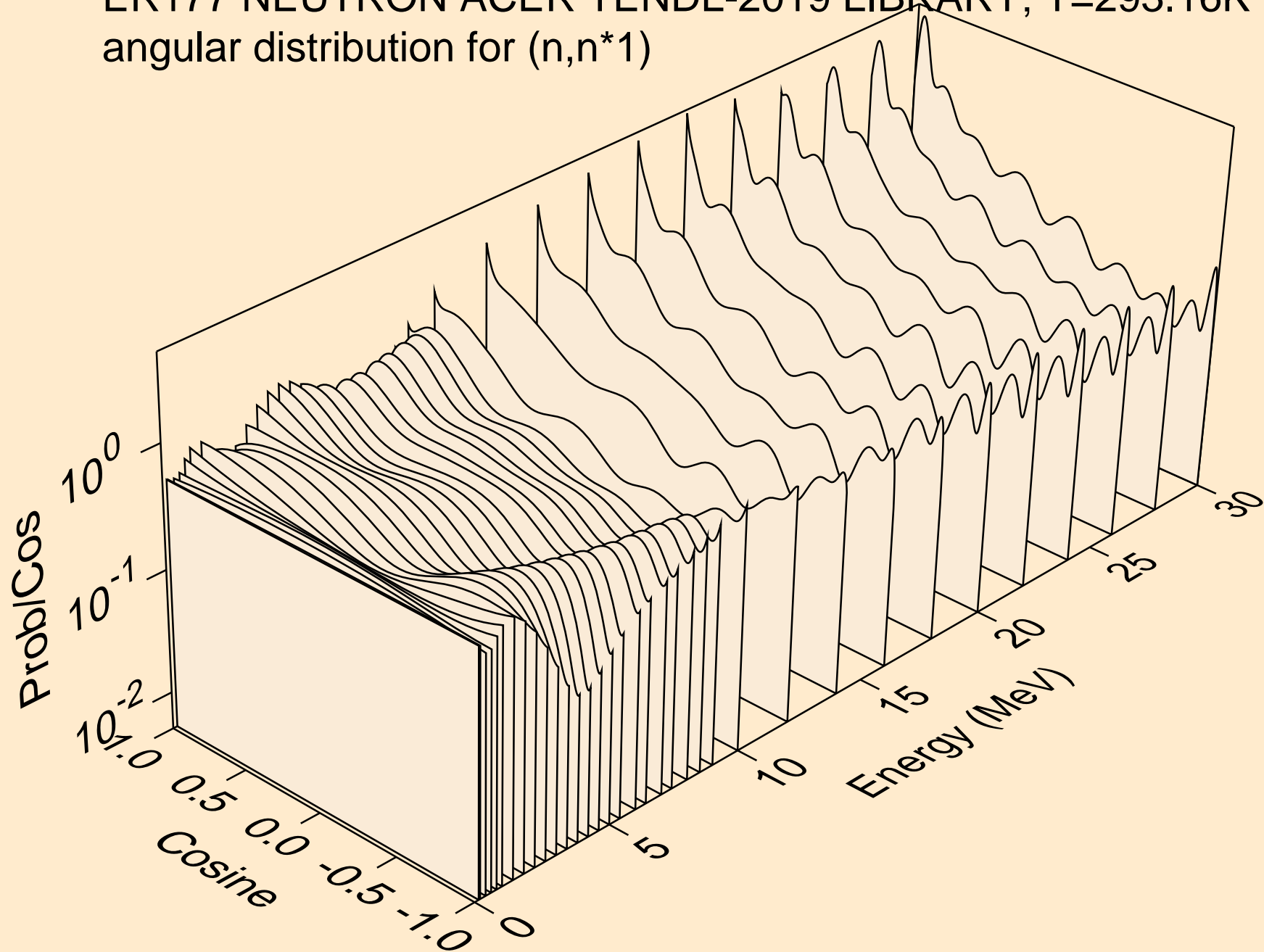
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



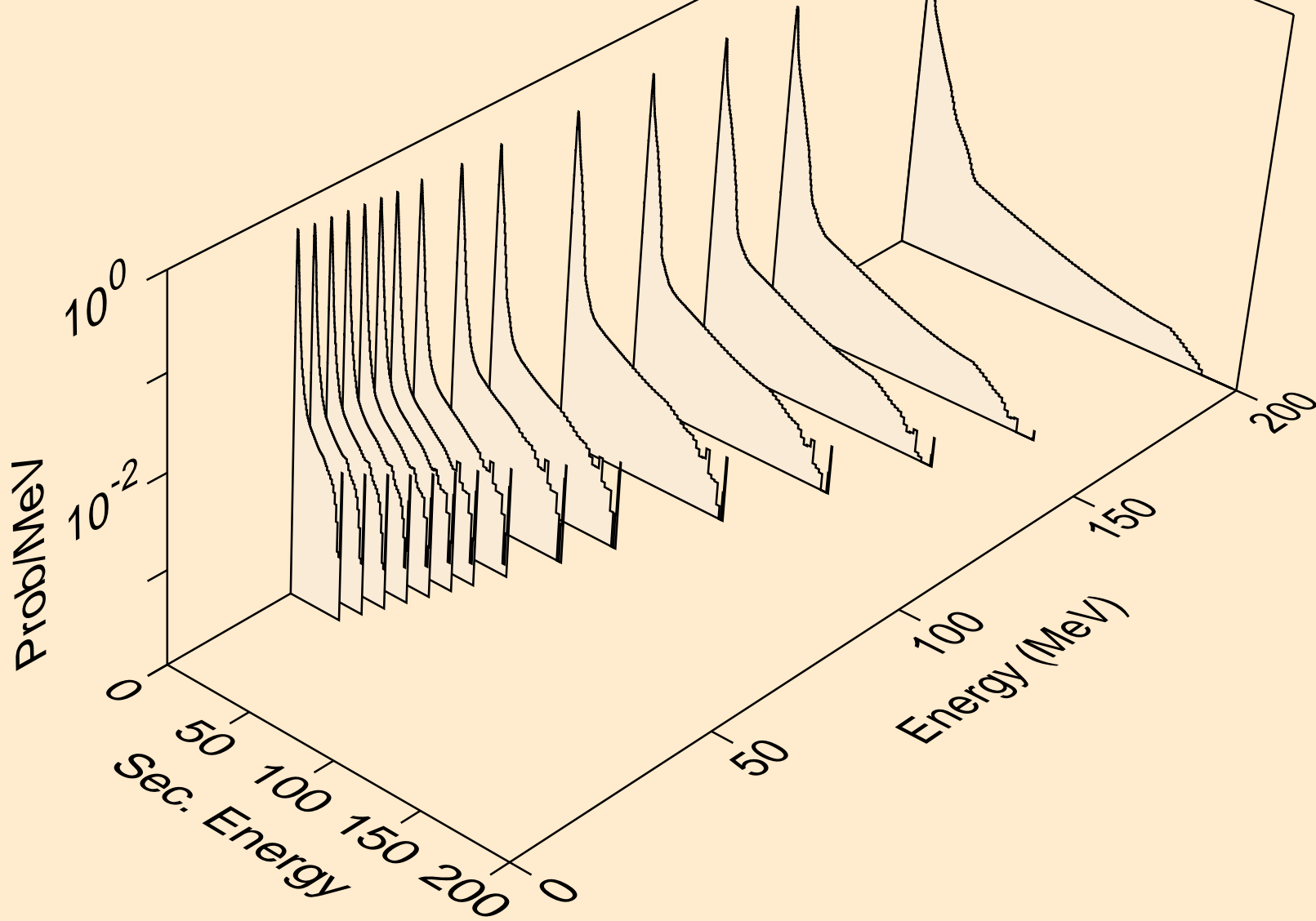
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angular distribution for elastic



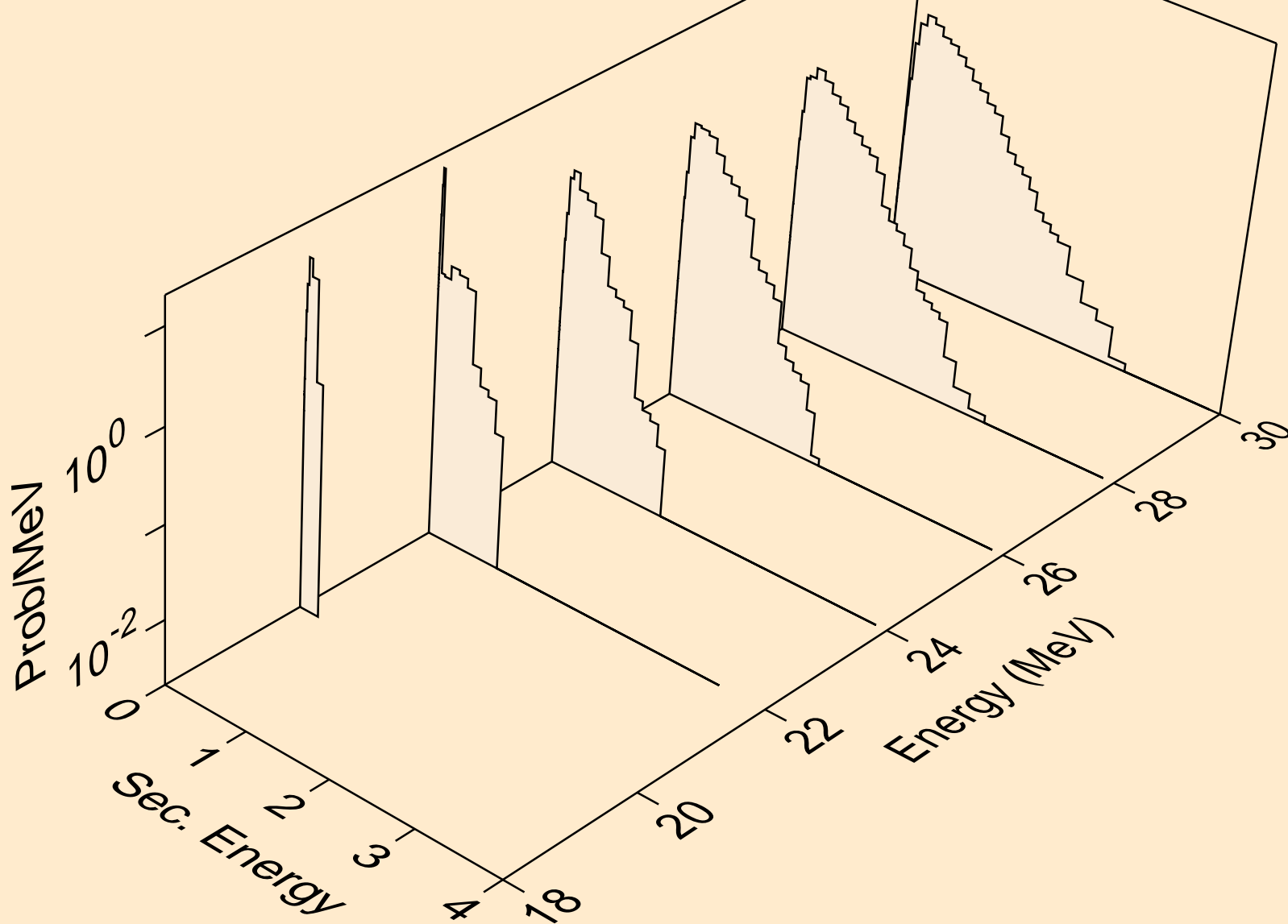
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



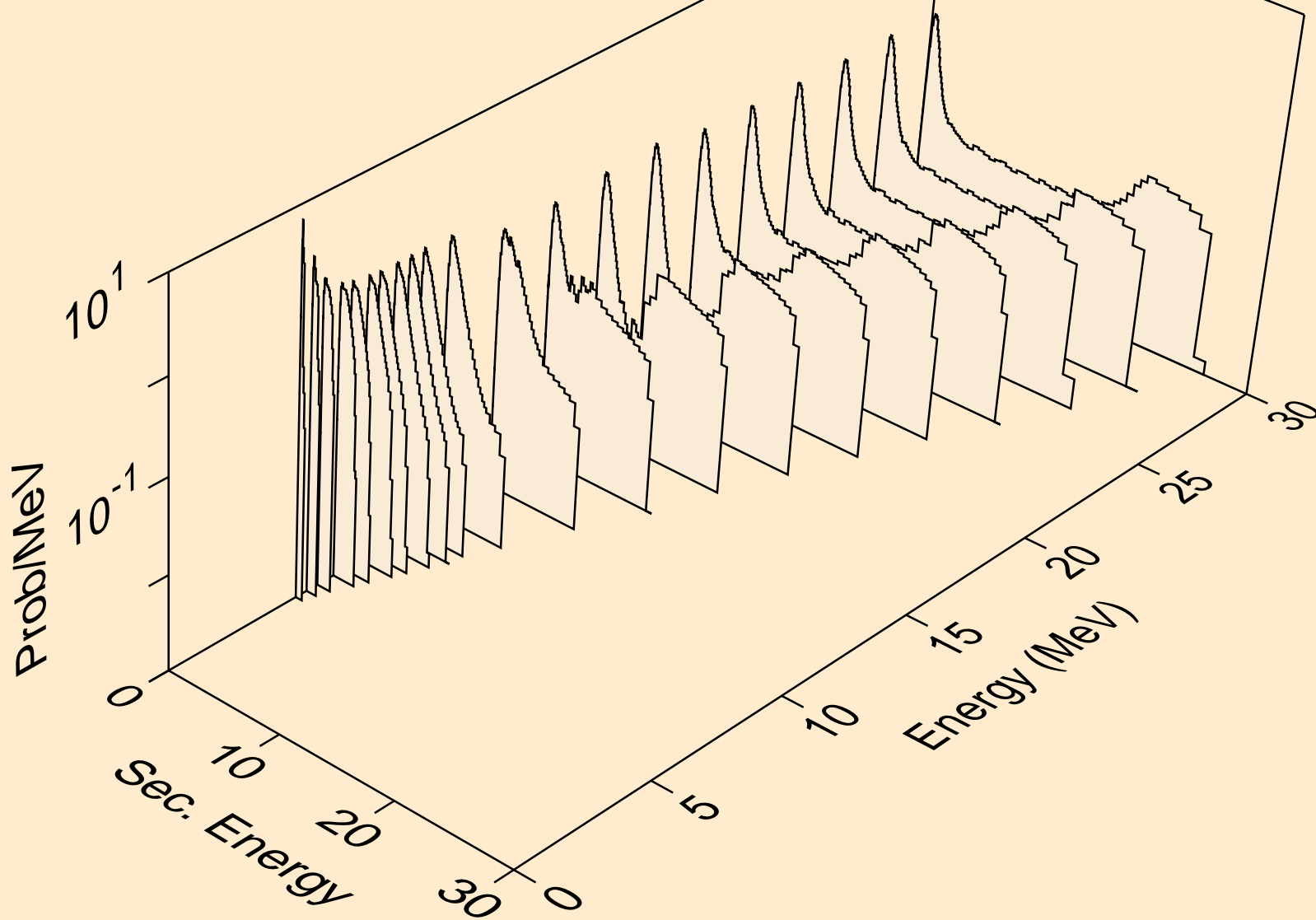
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



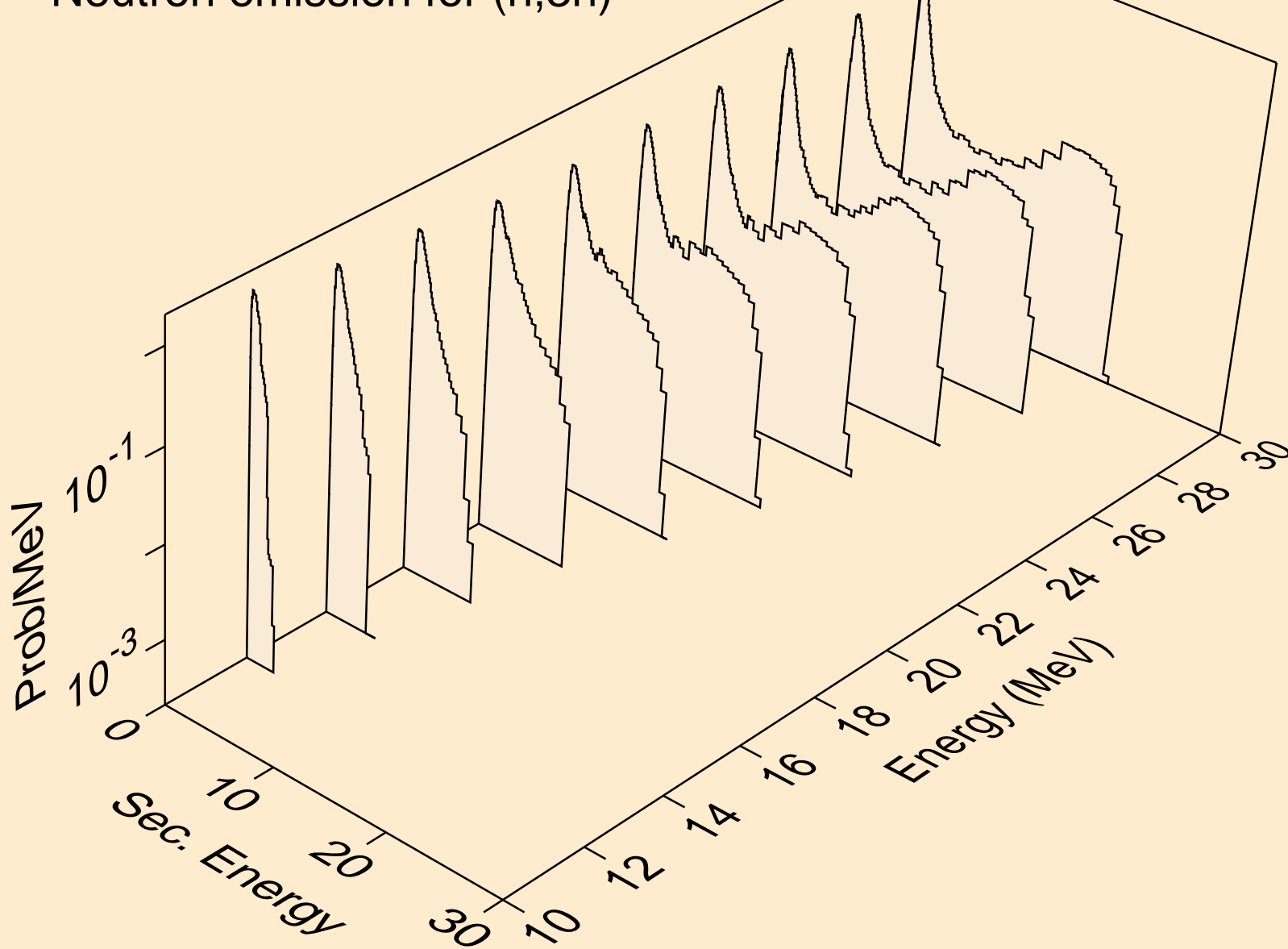
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



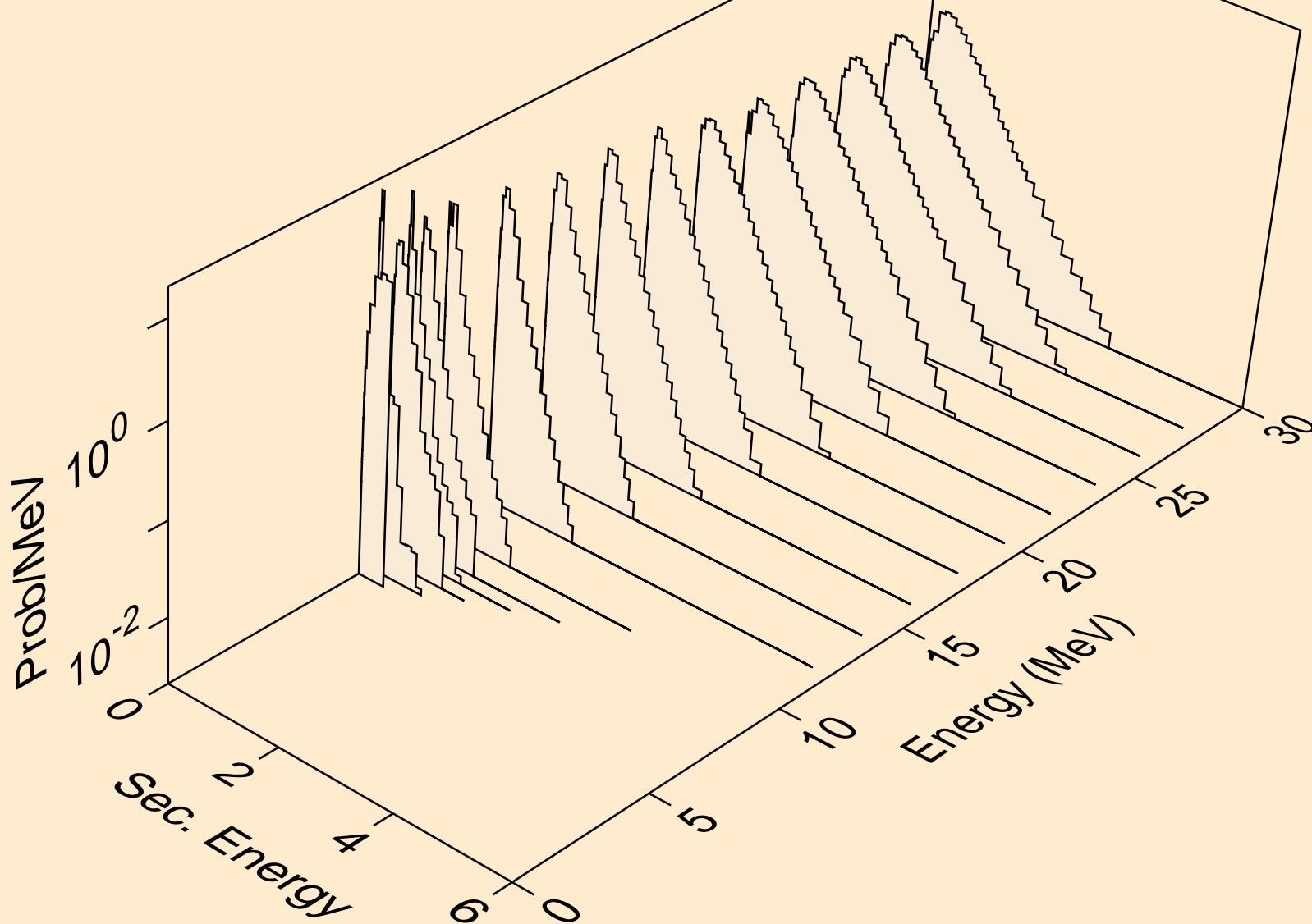
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



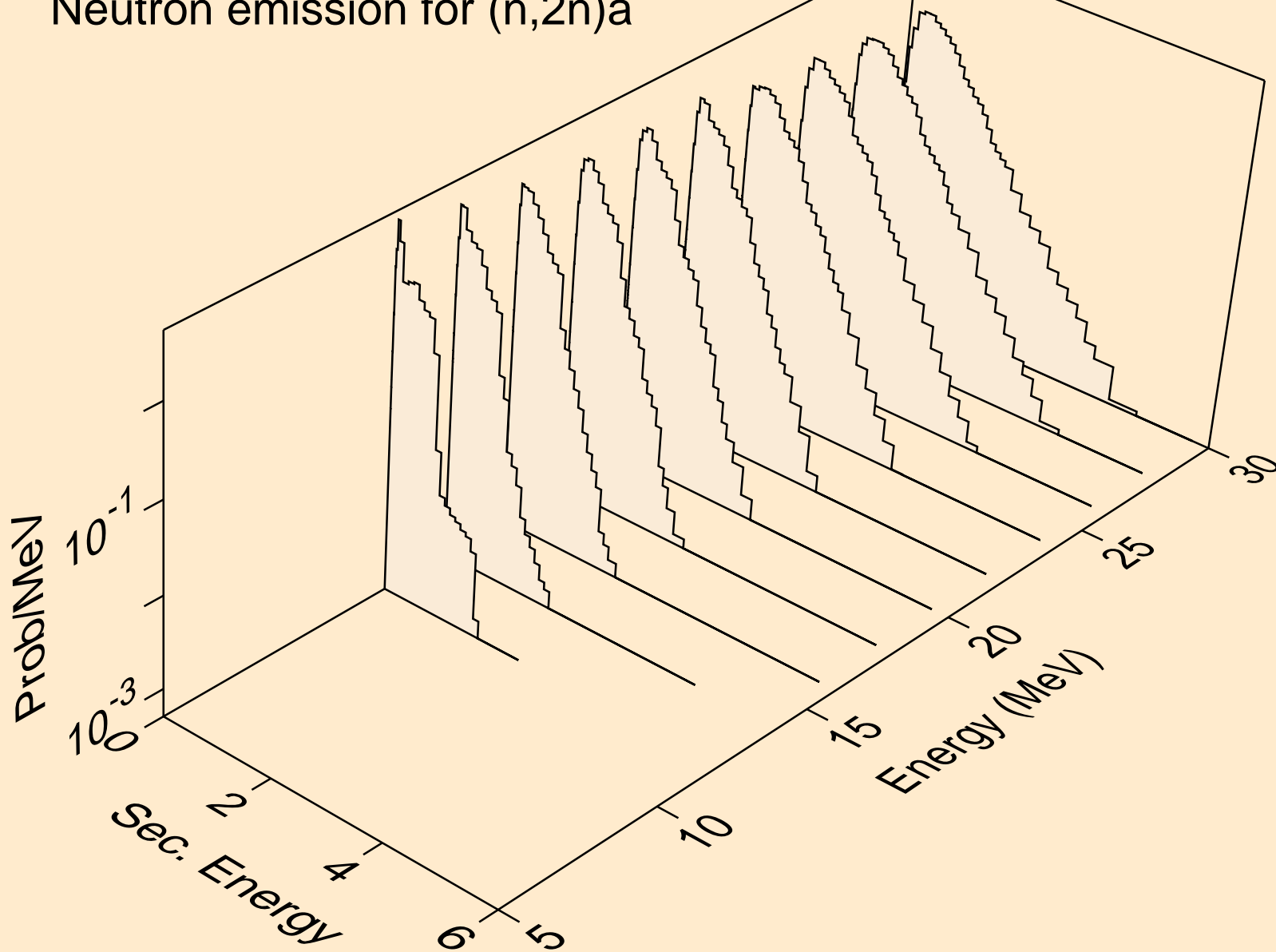
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



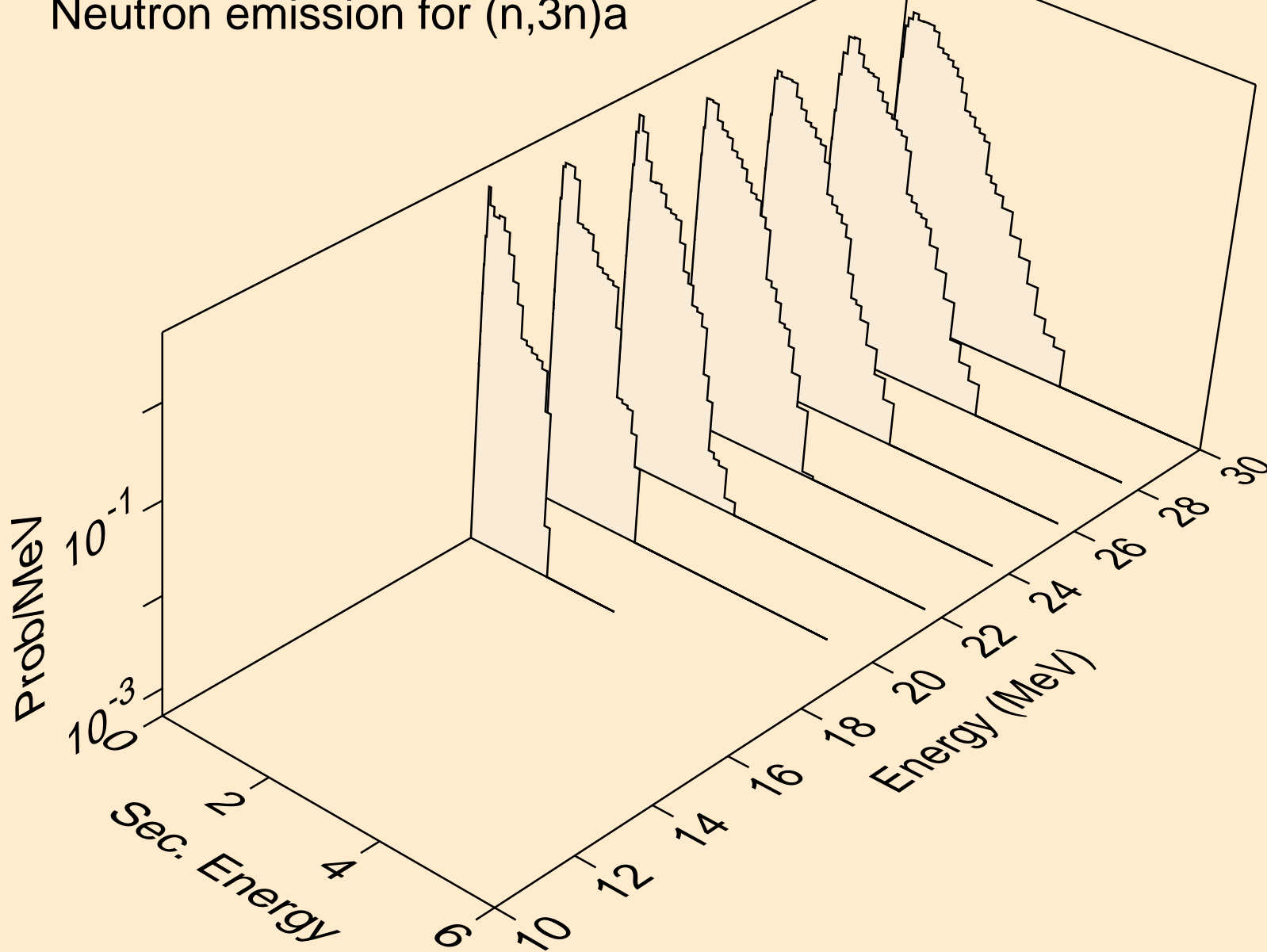
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



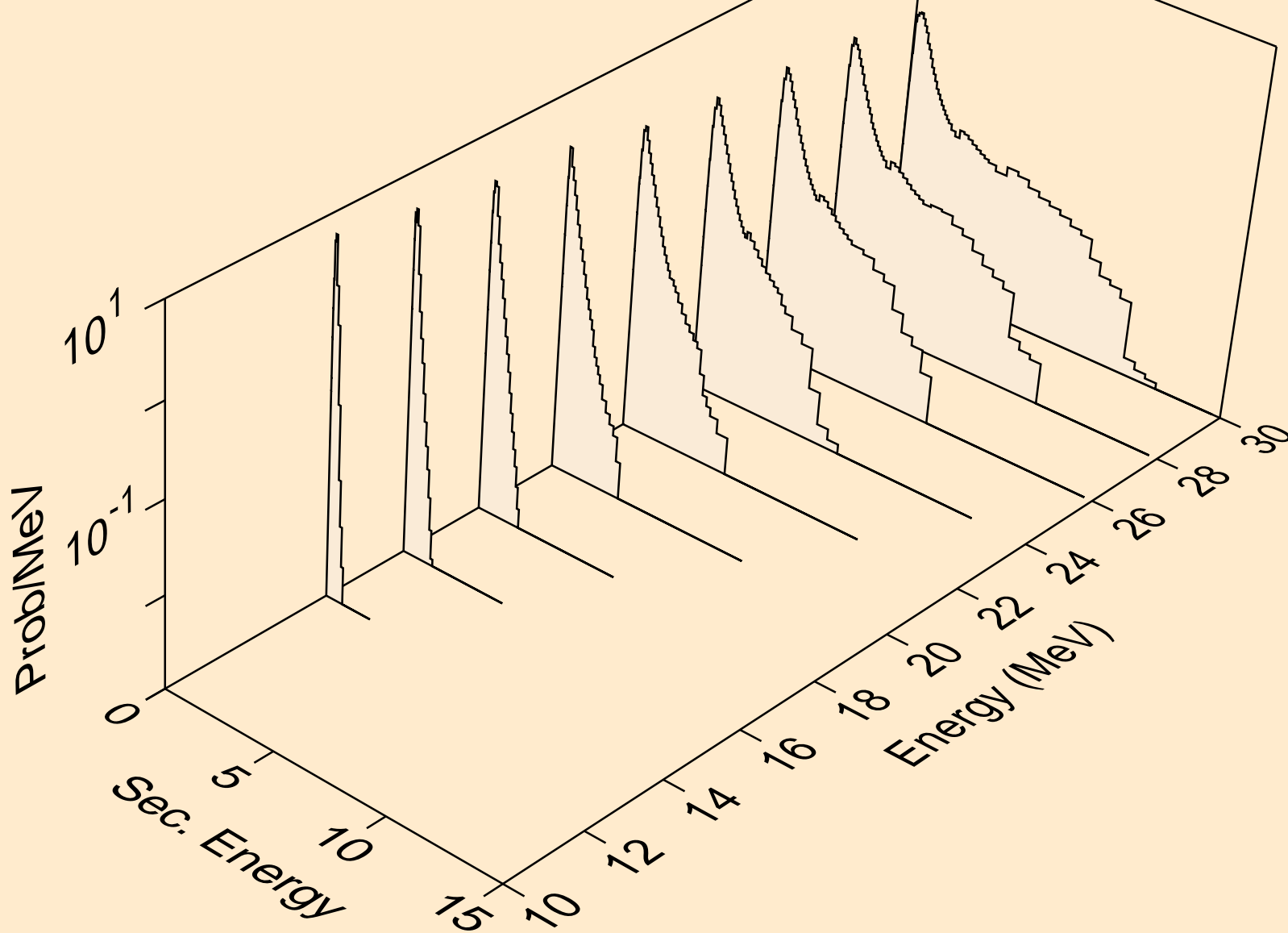
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



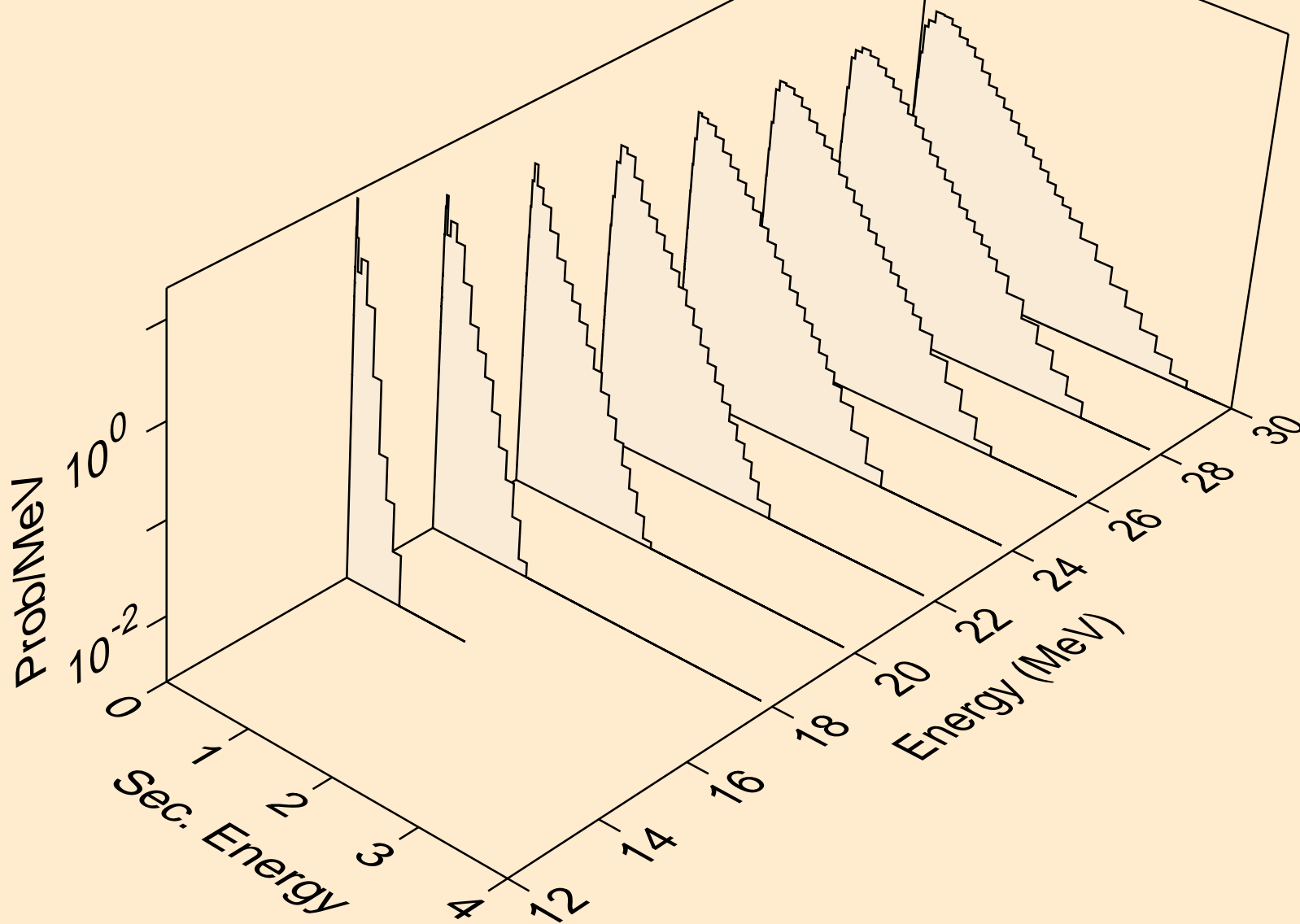
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



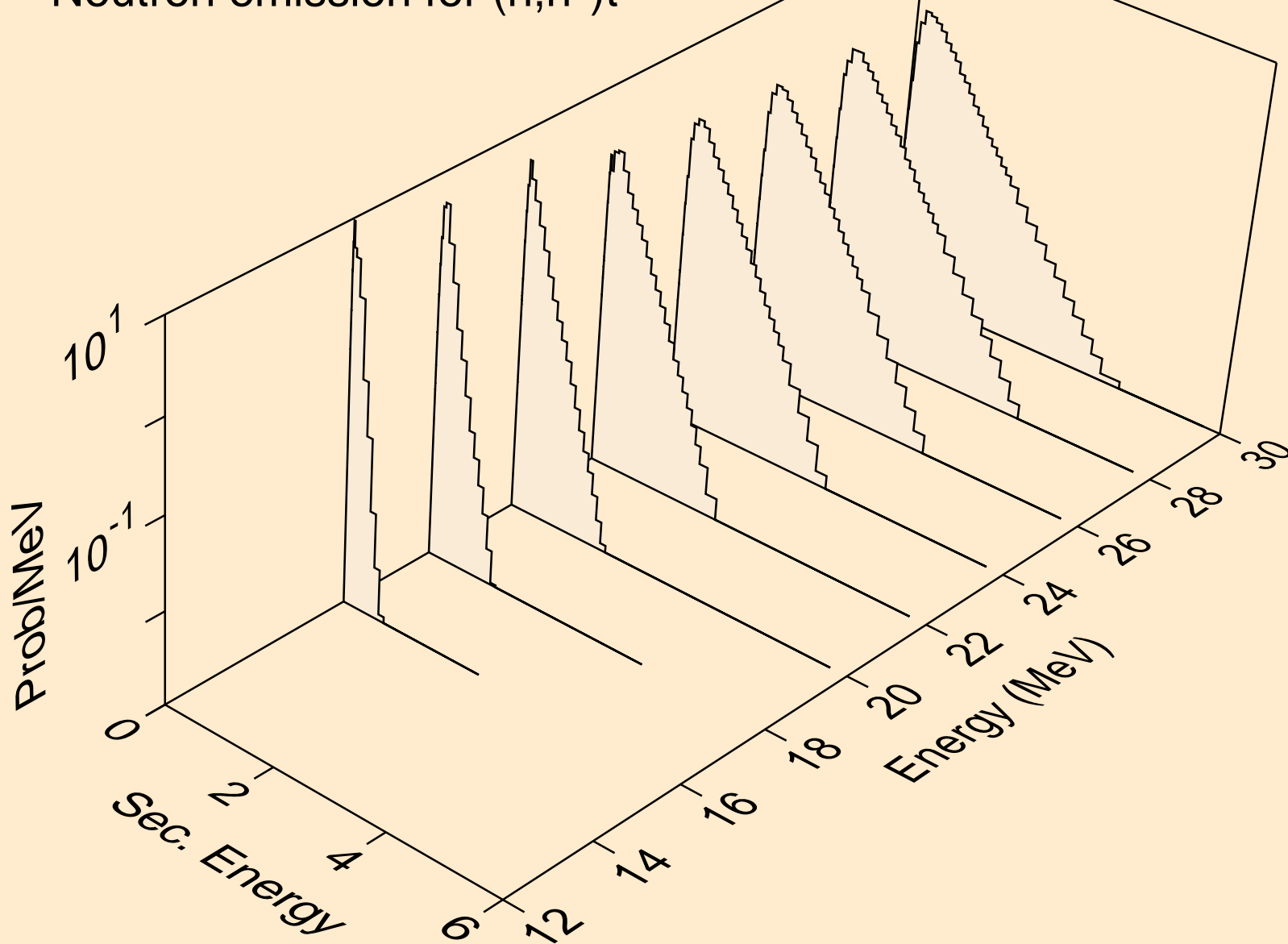
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



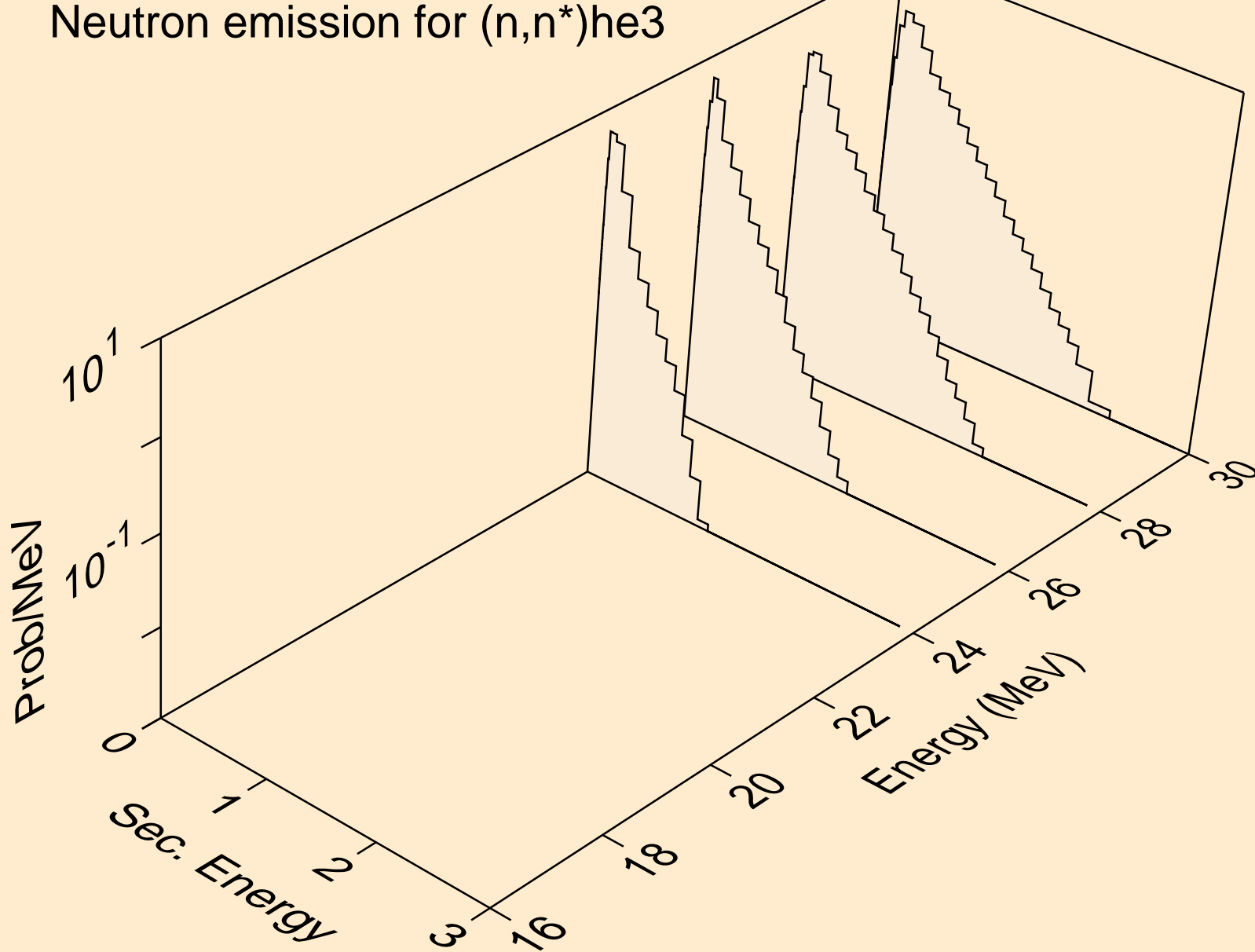
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



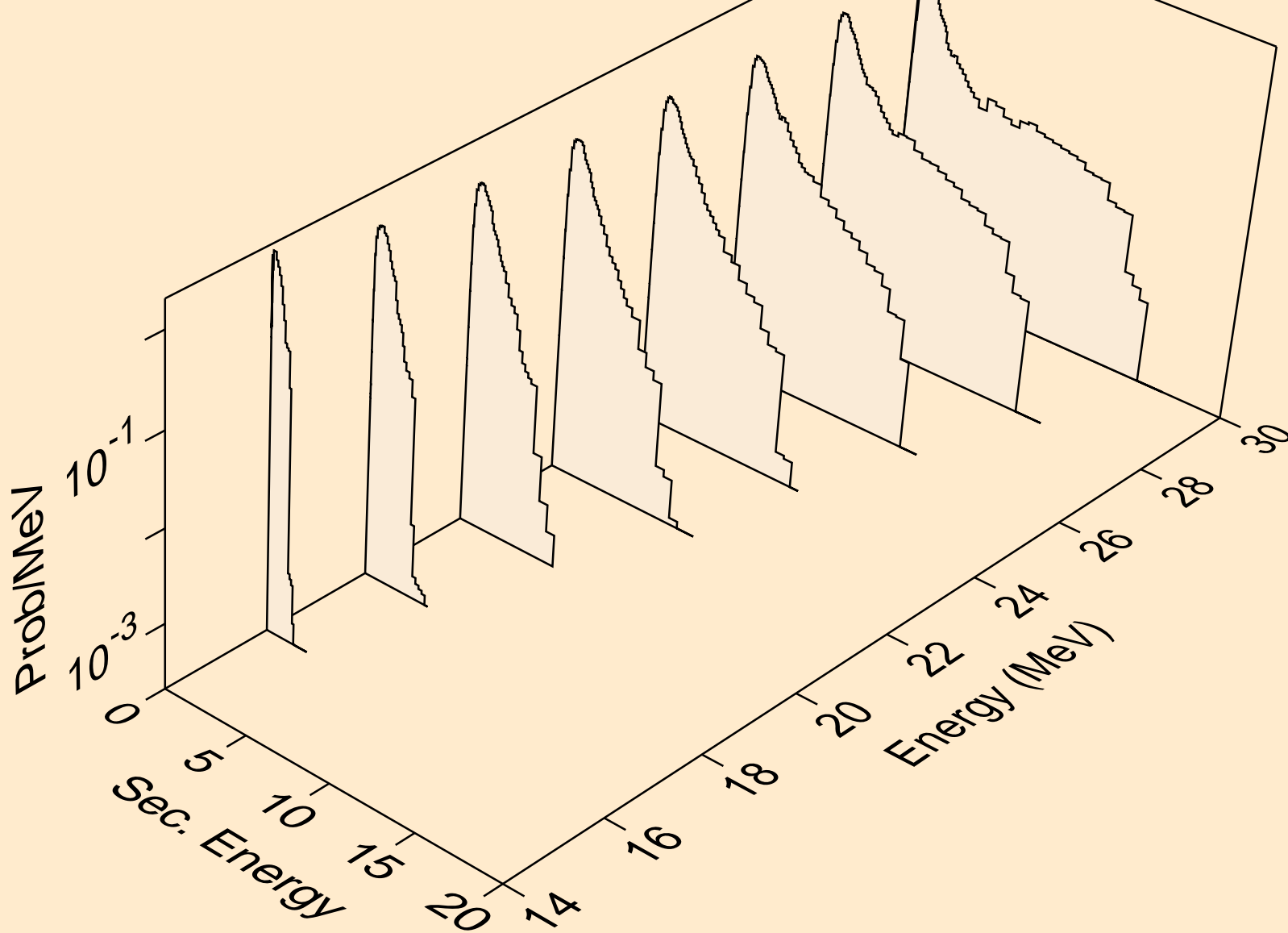
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



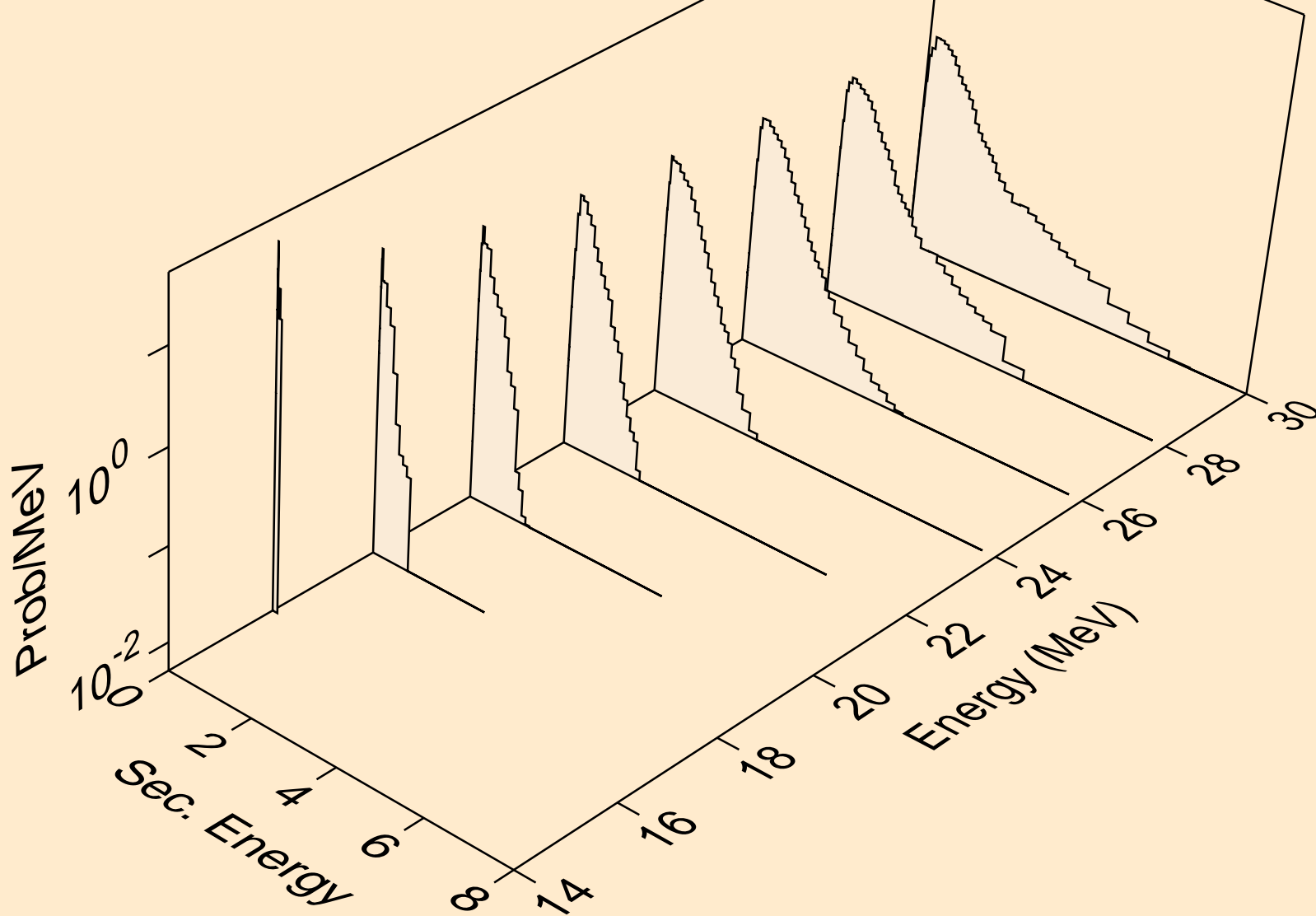
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



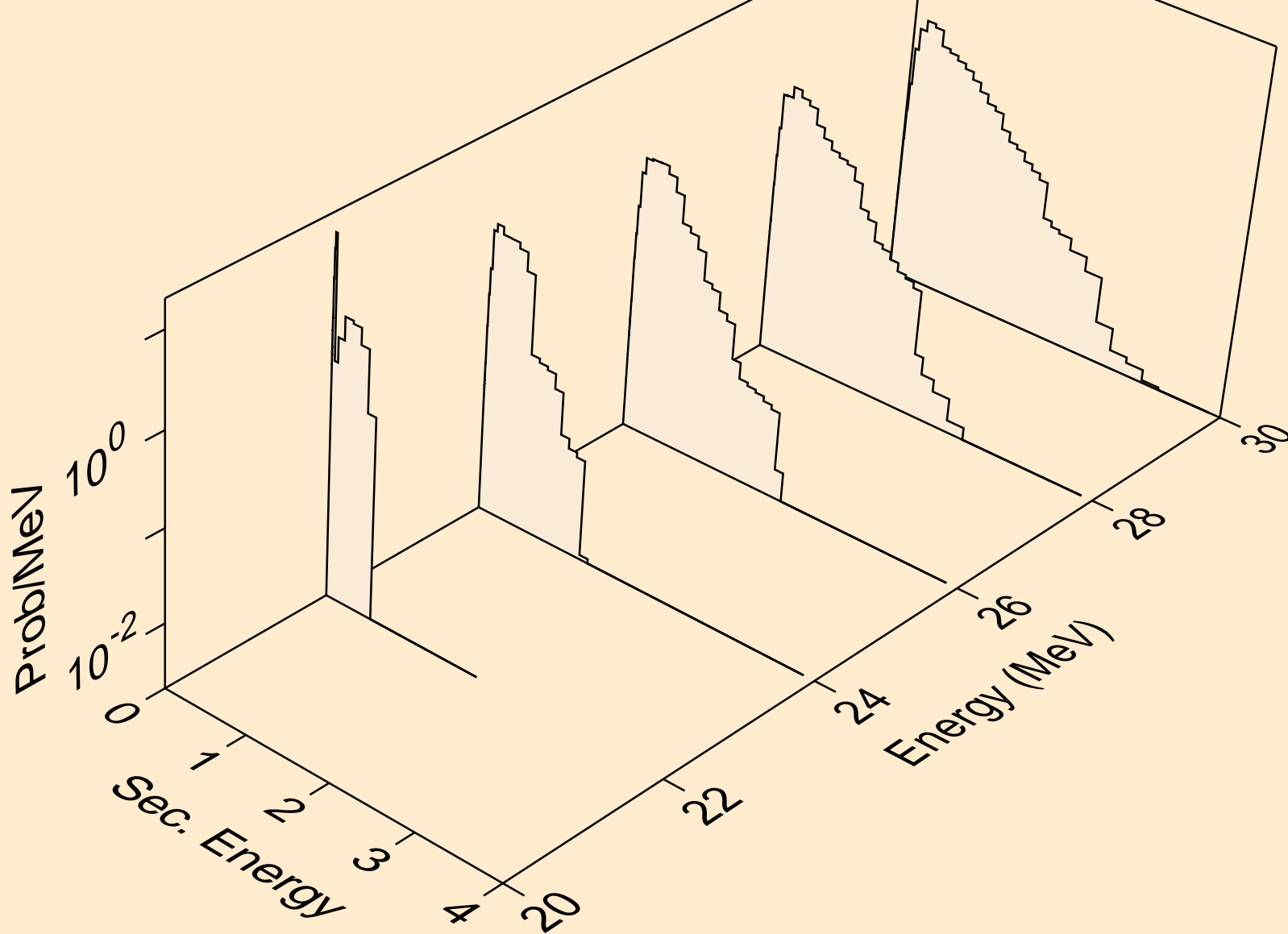
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



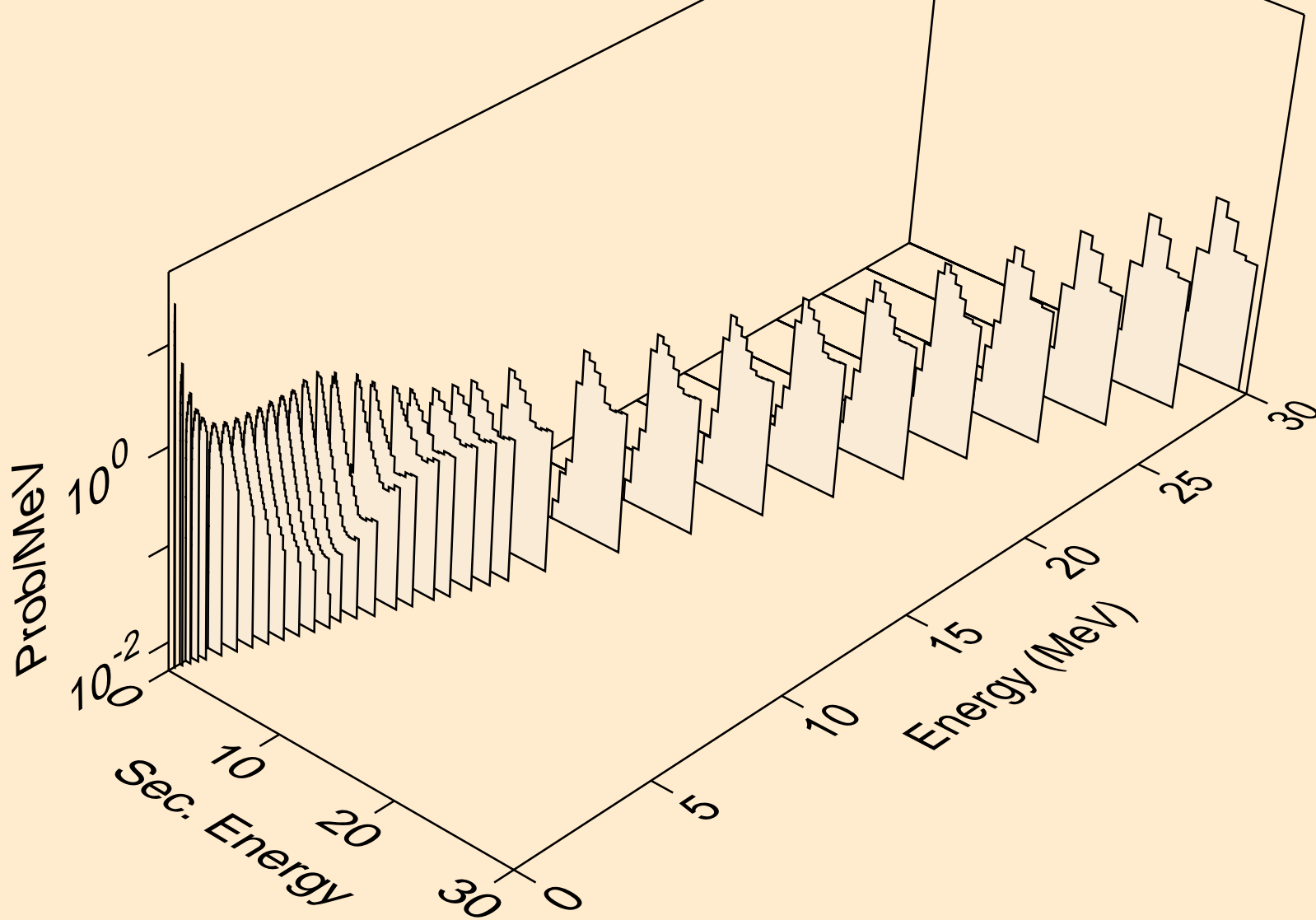
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



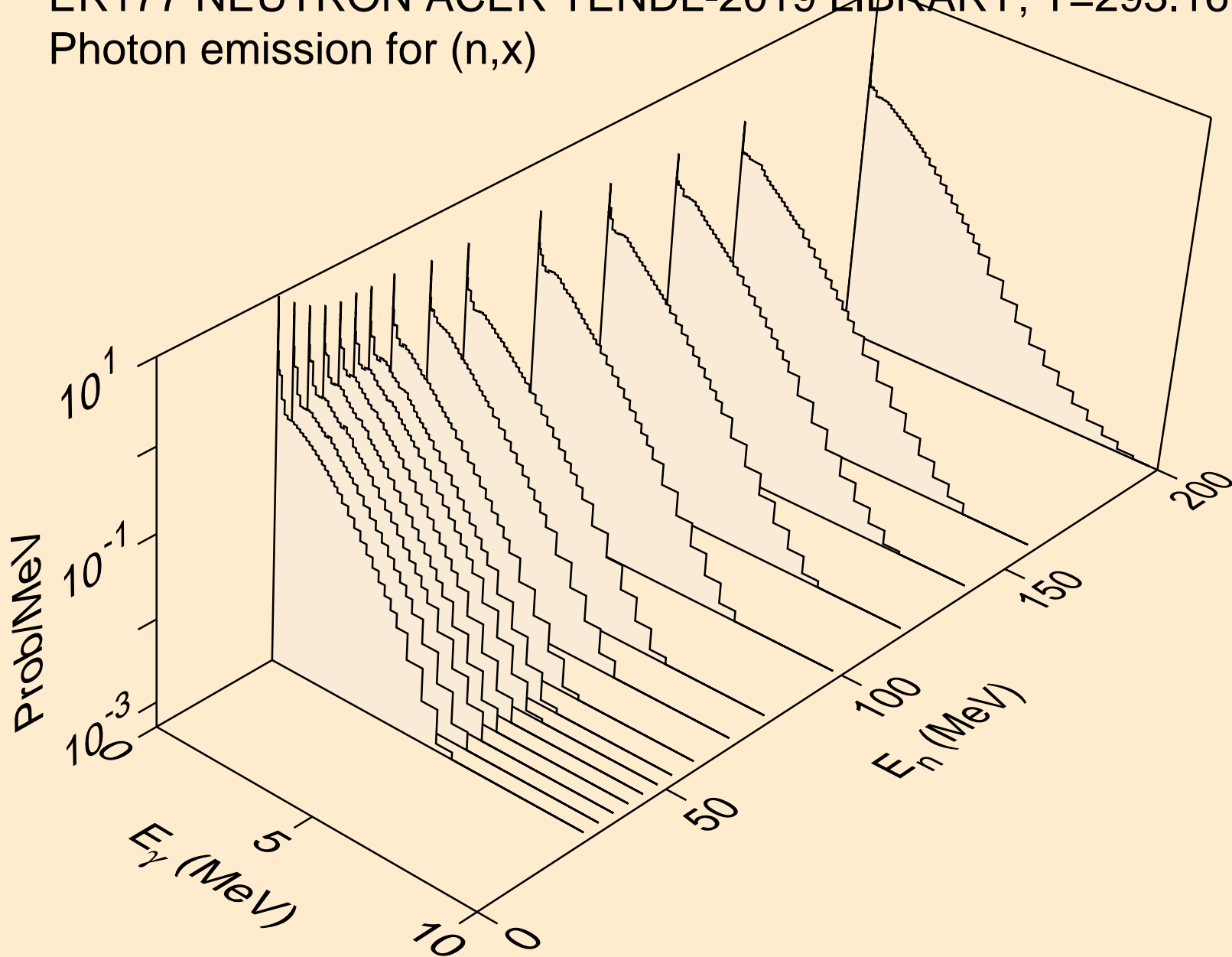
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



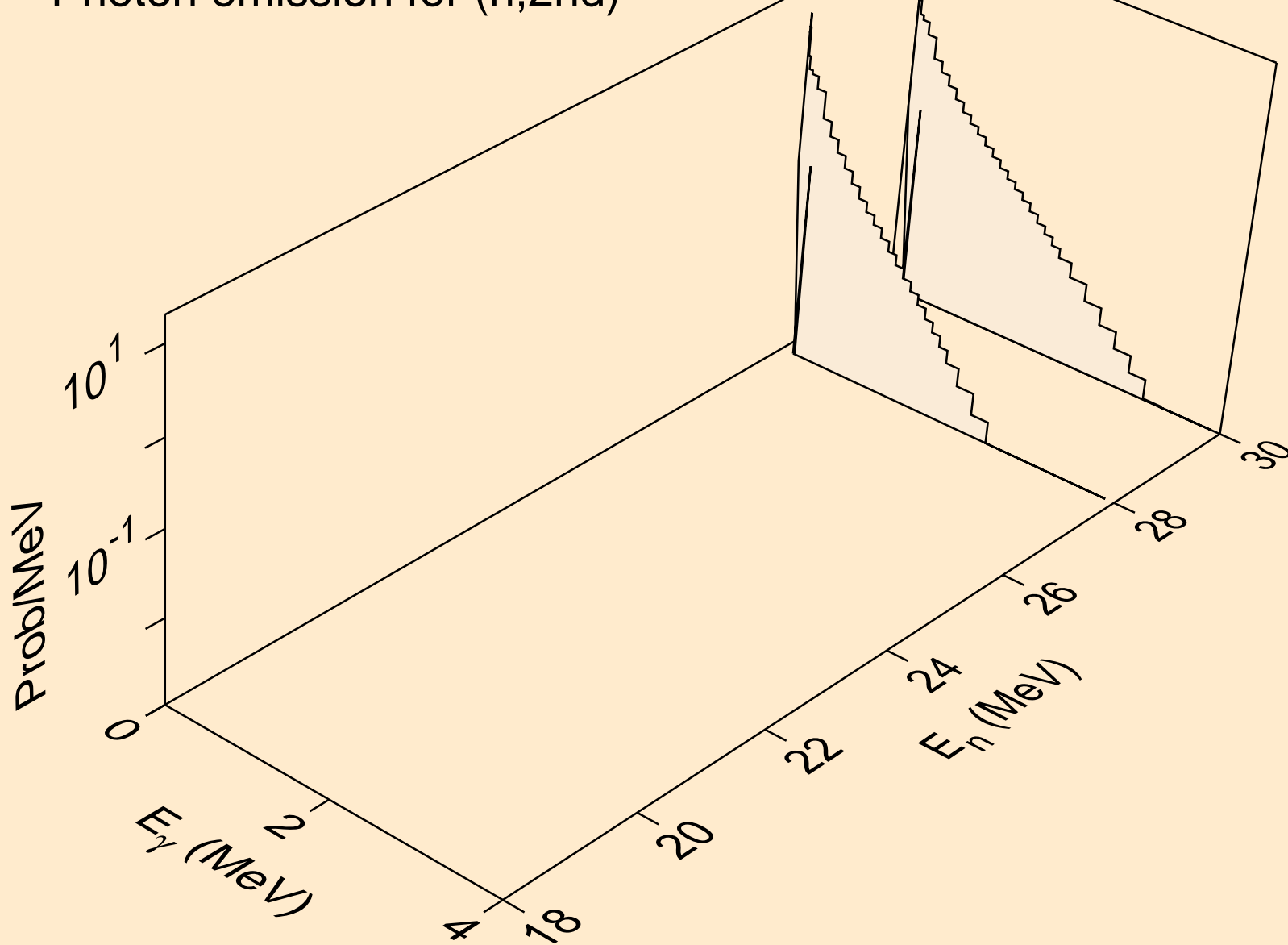
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



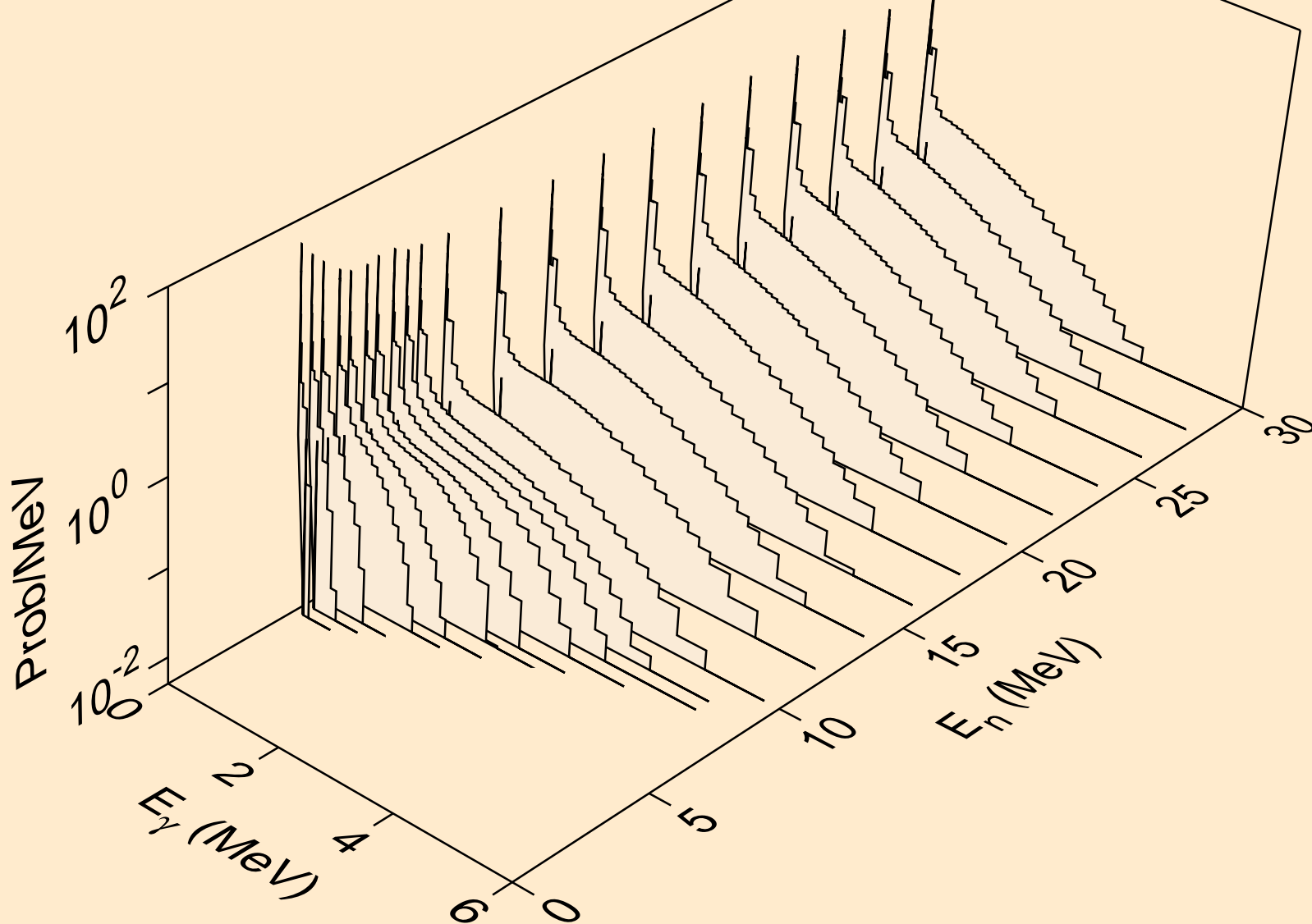
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



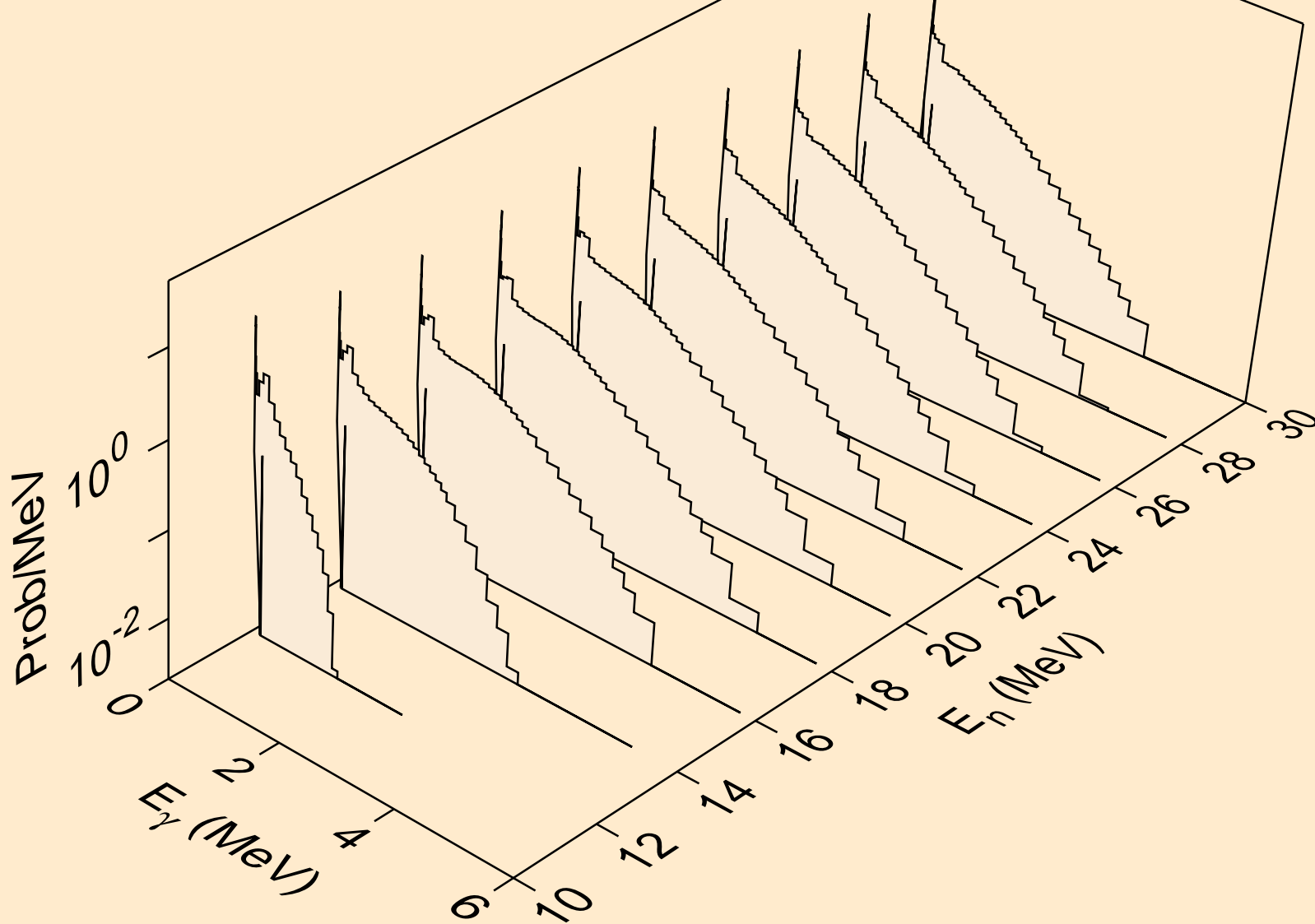
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



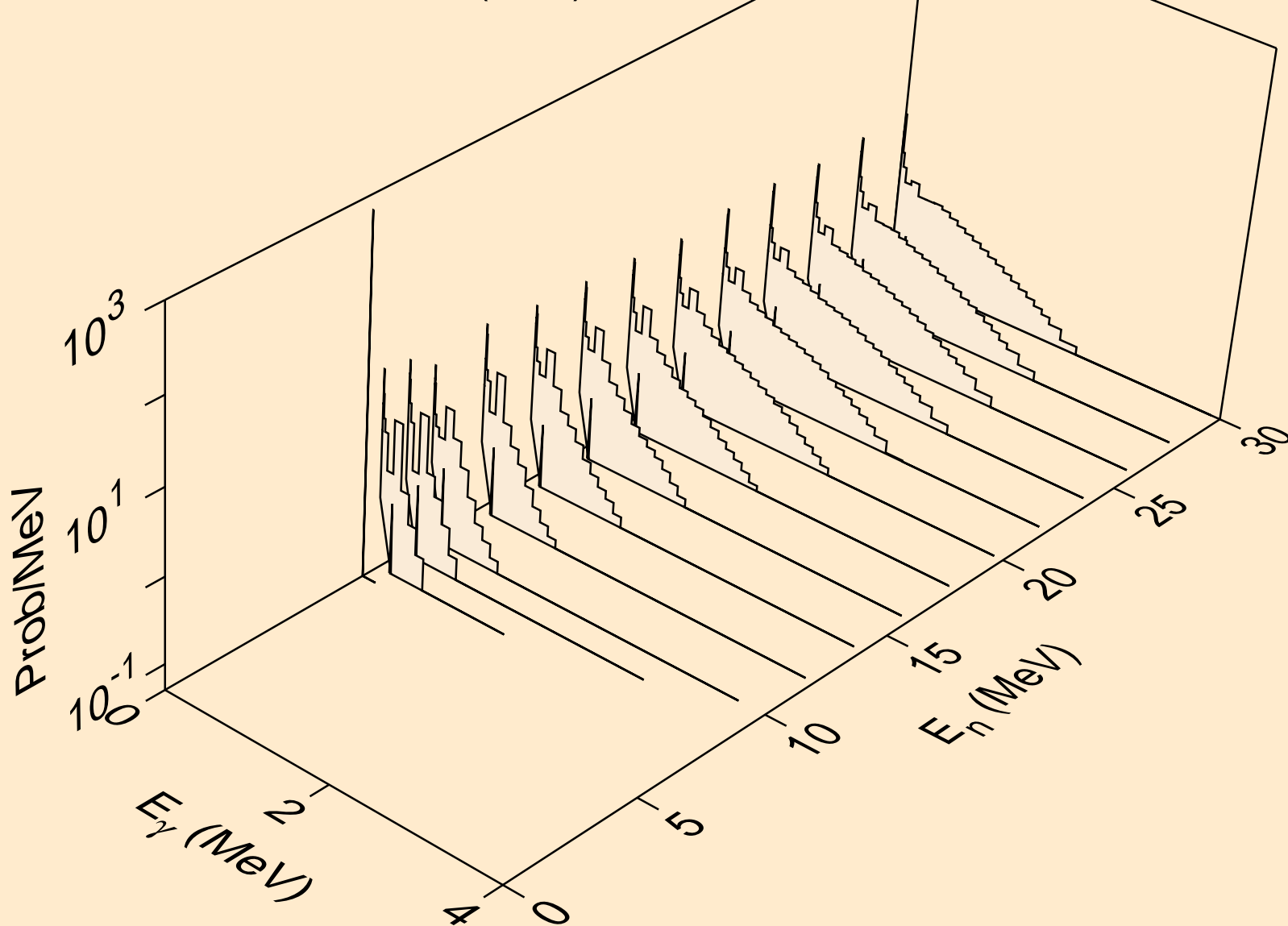
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



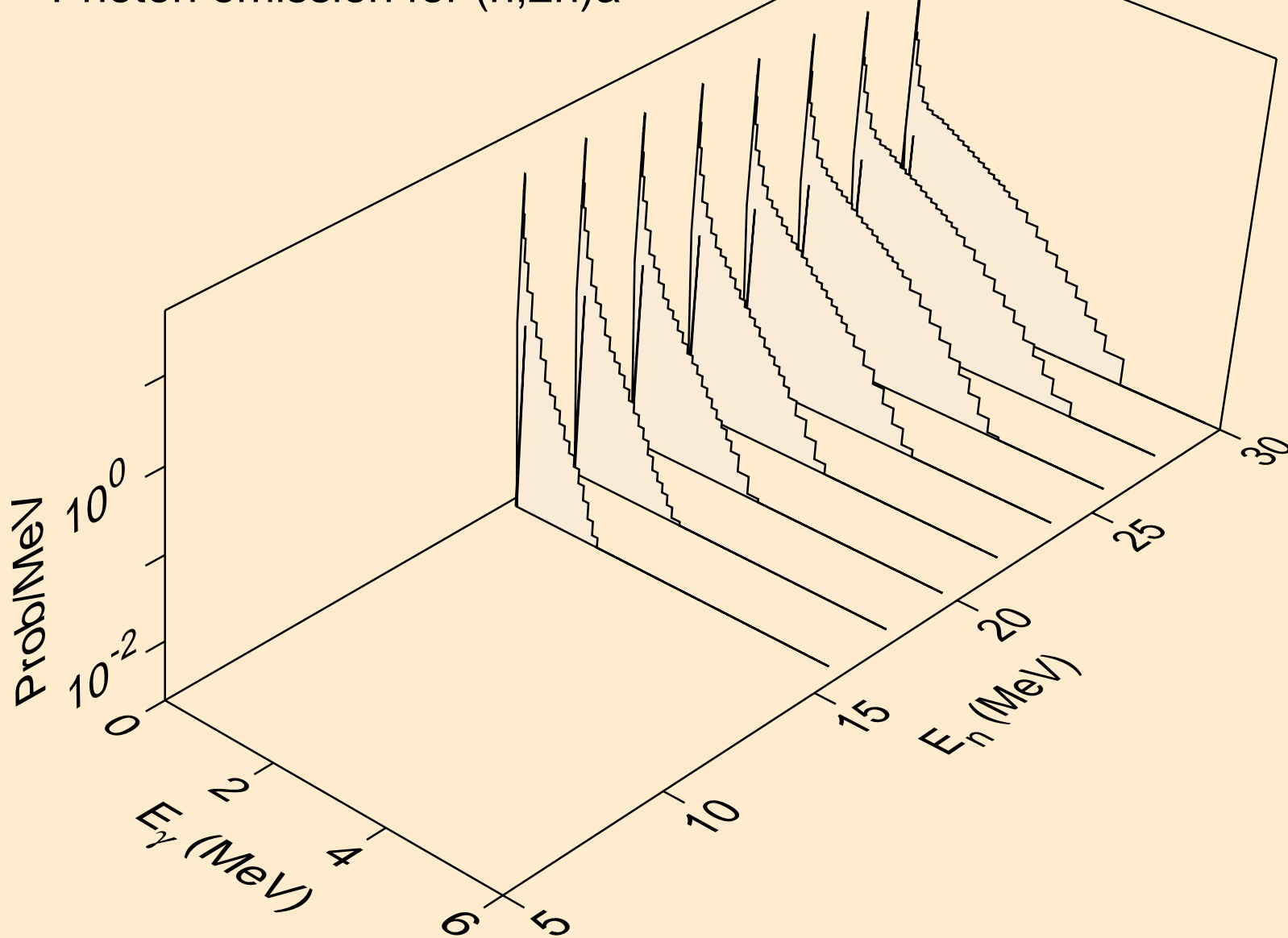
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



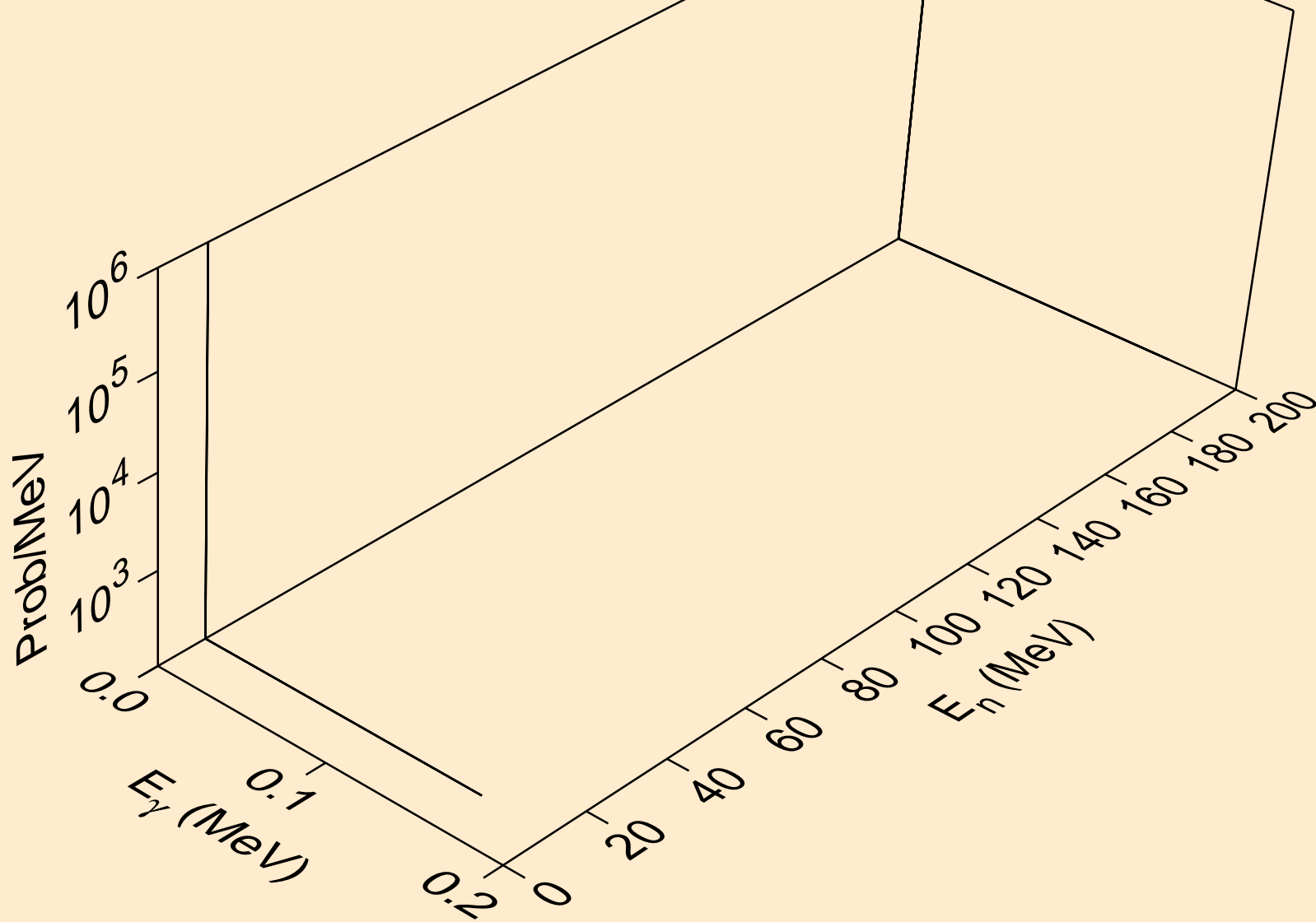
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



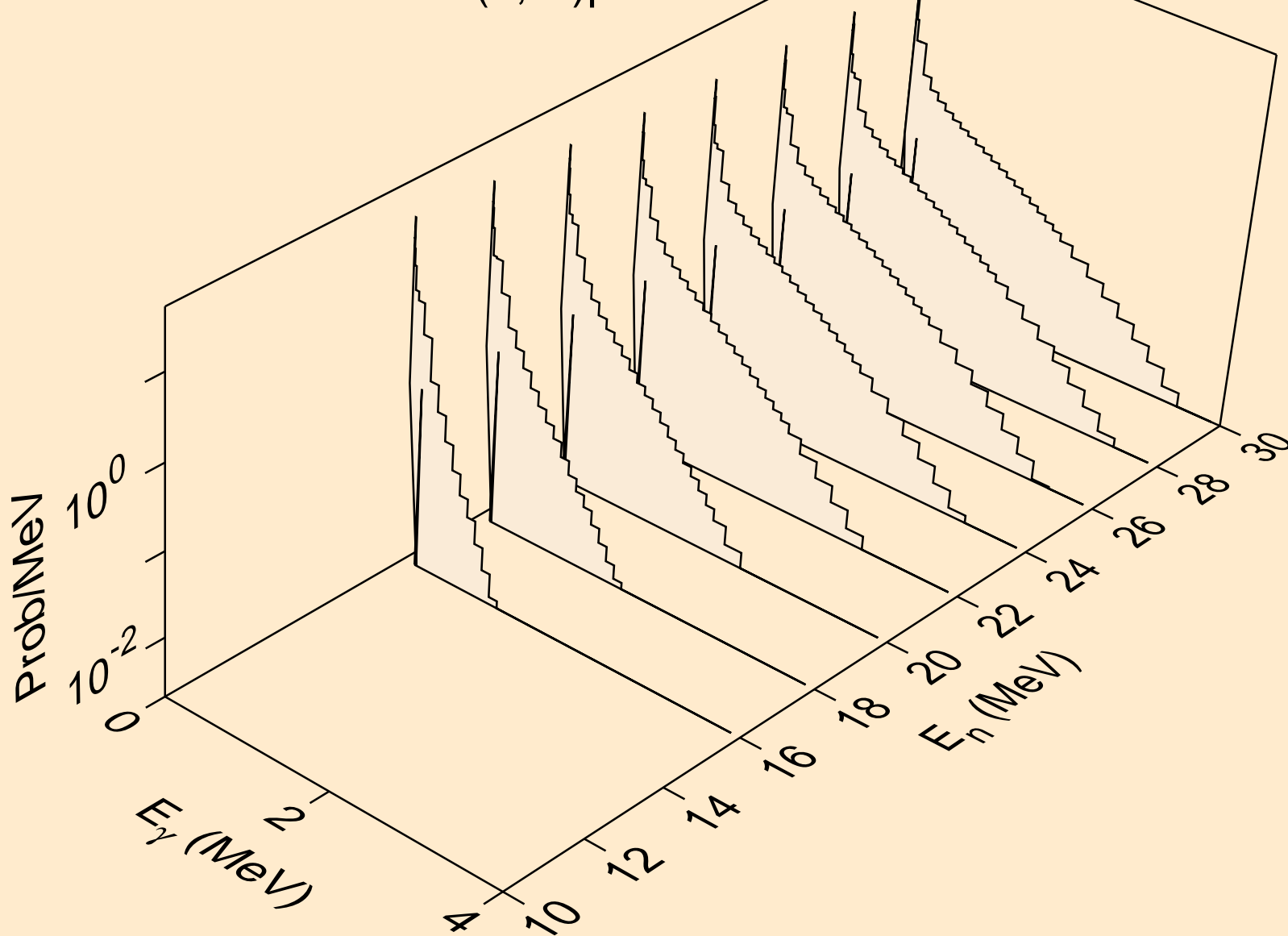
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



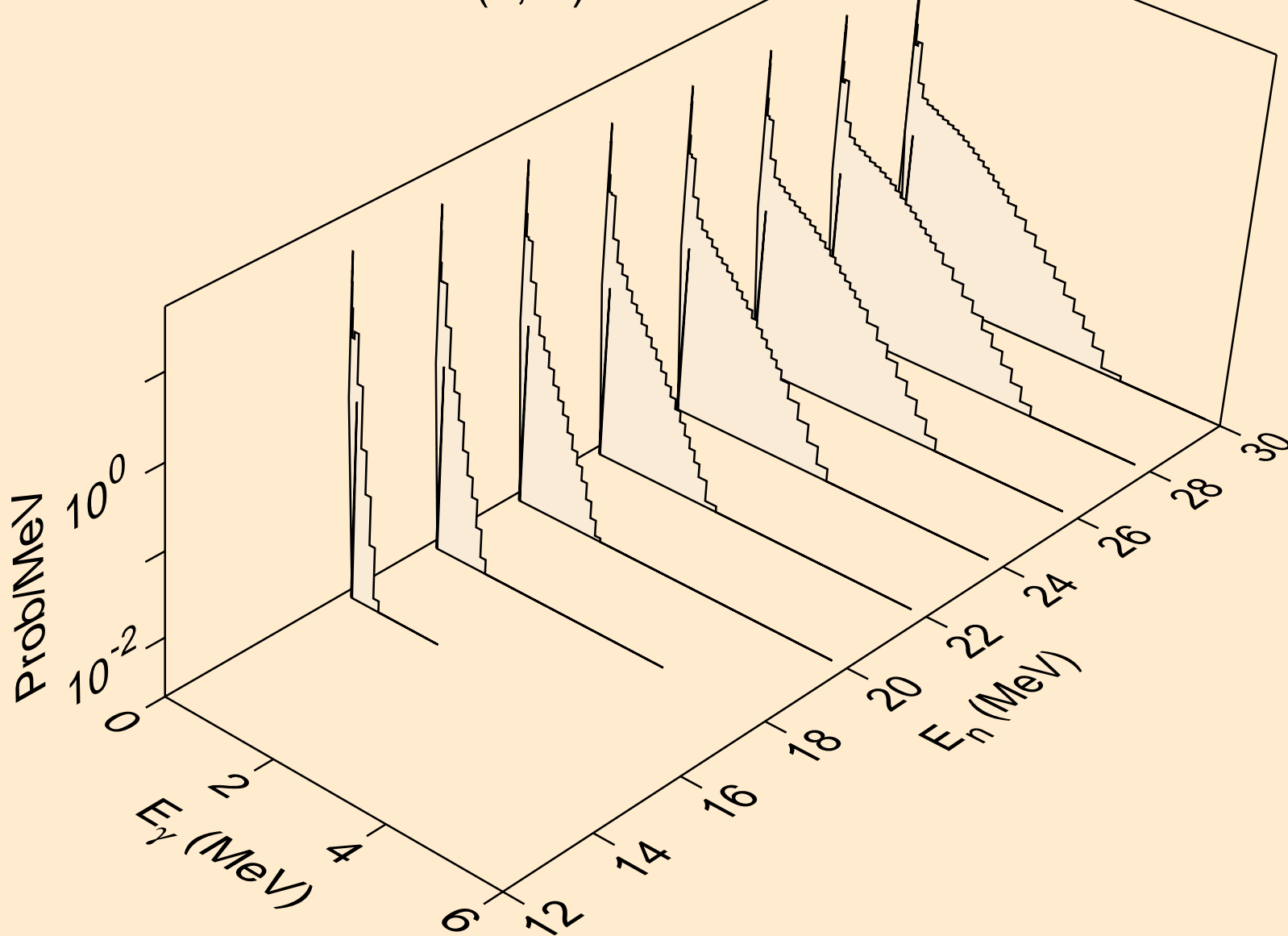
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



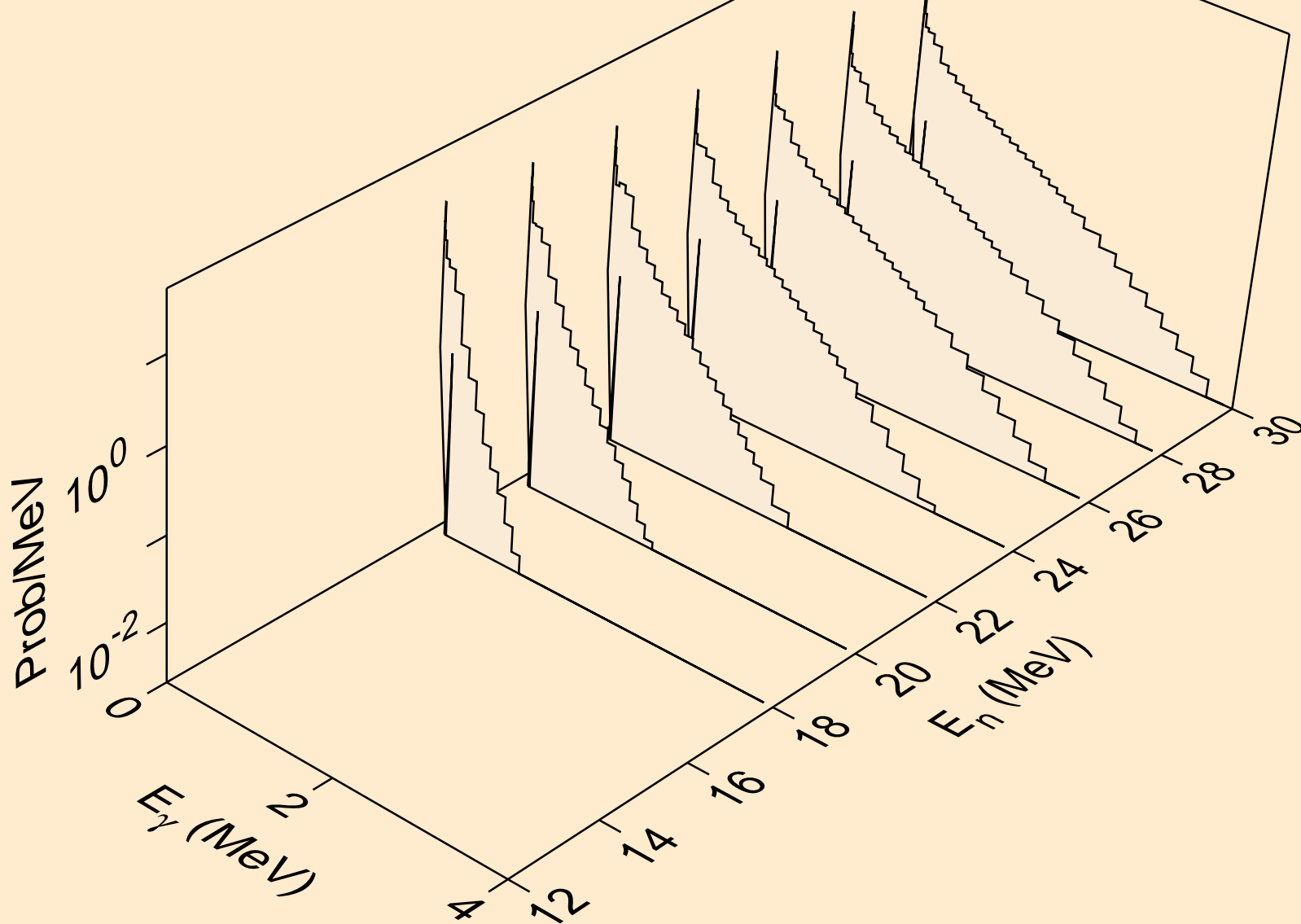
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



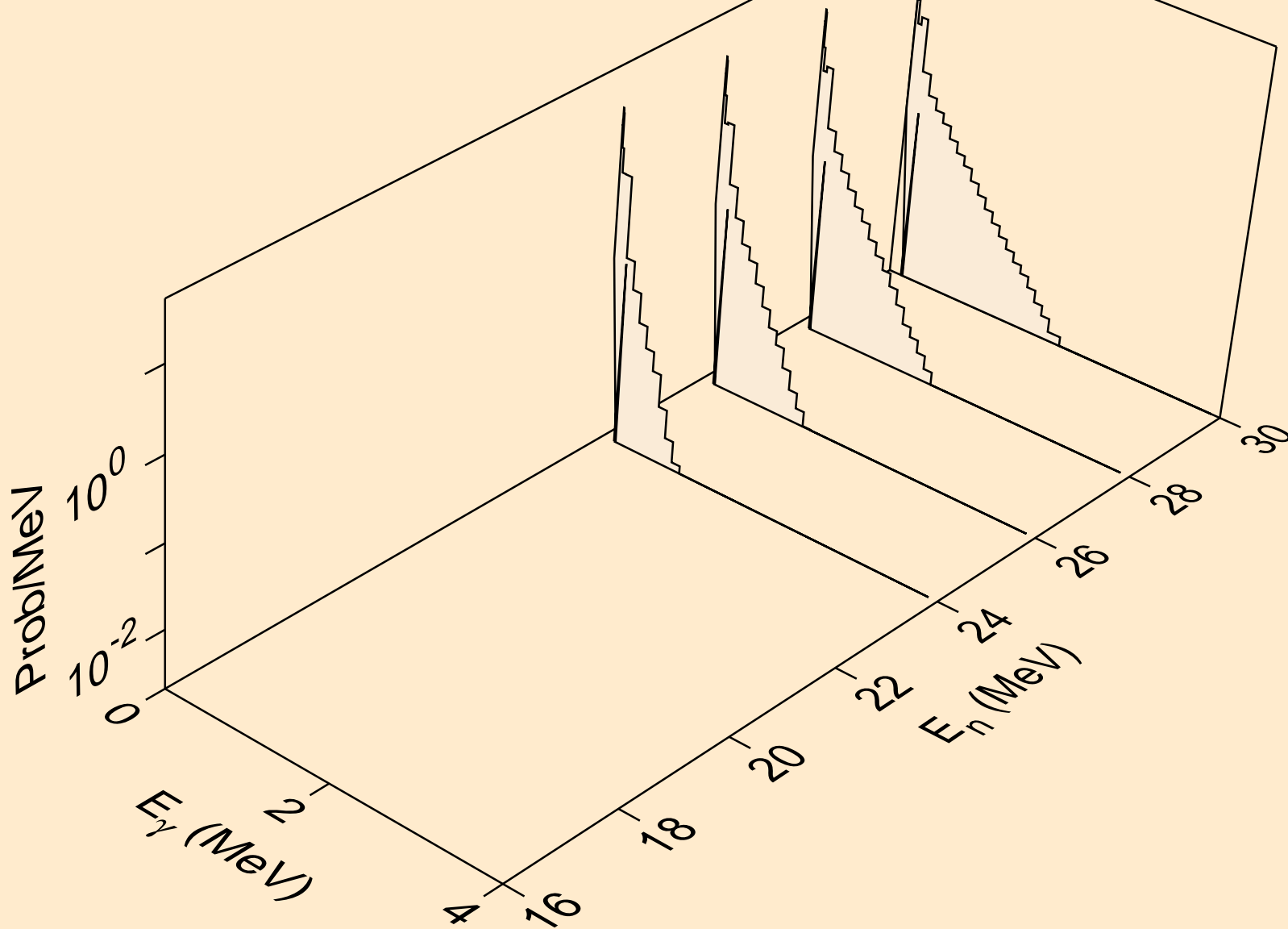
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



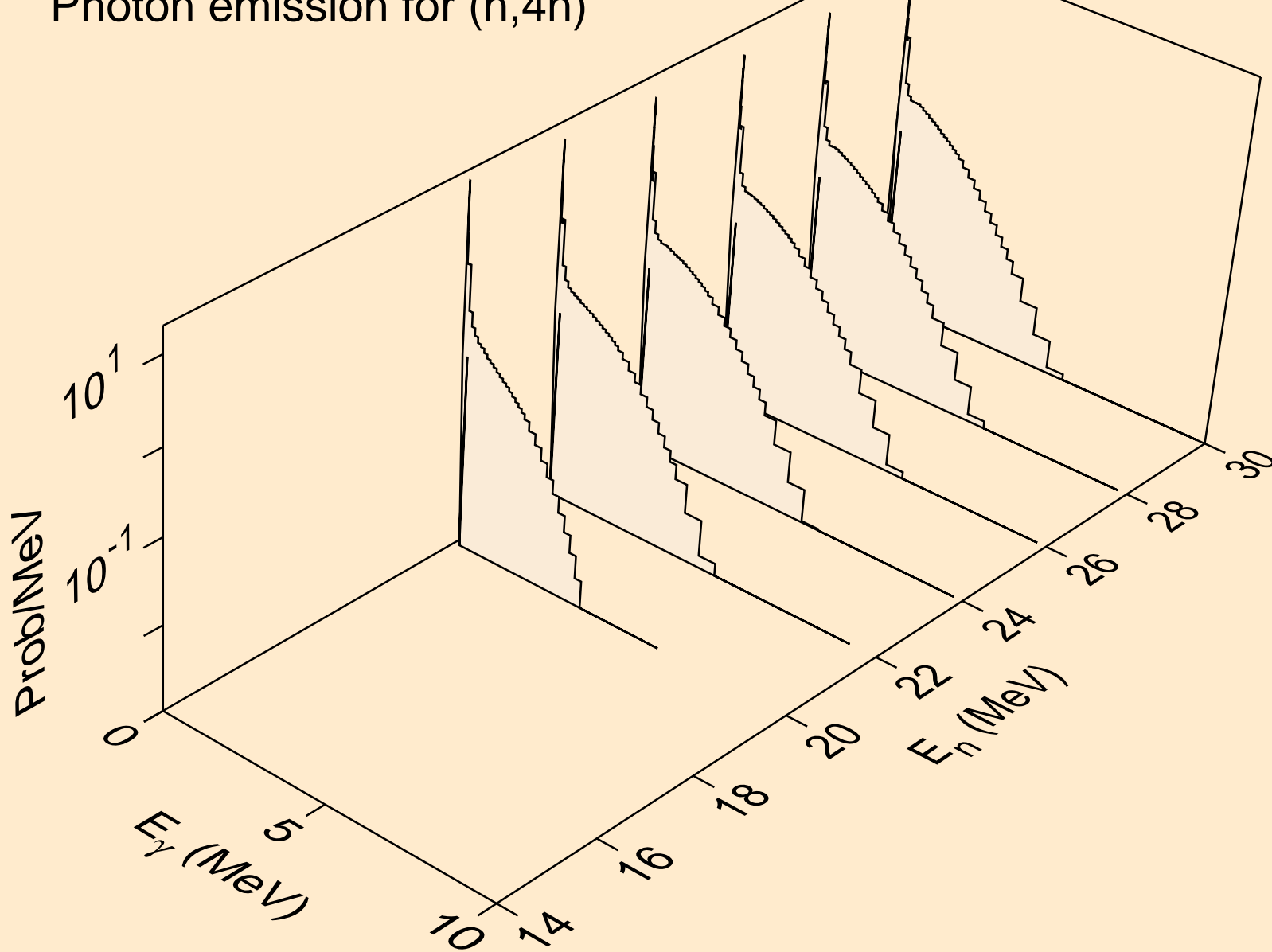
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



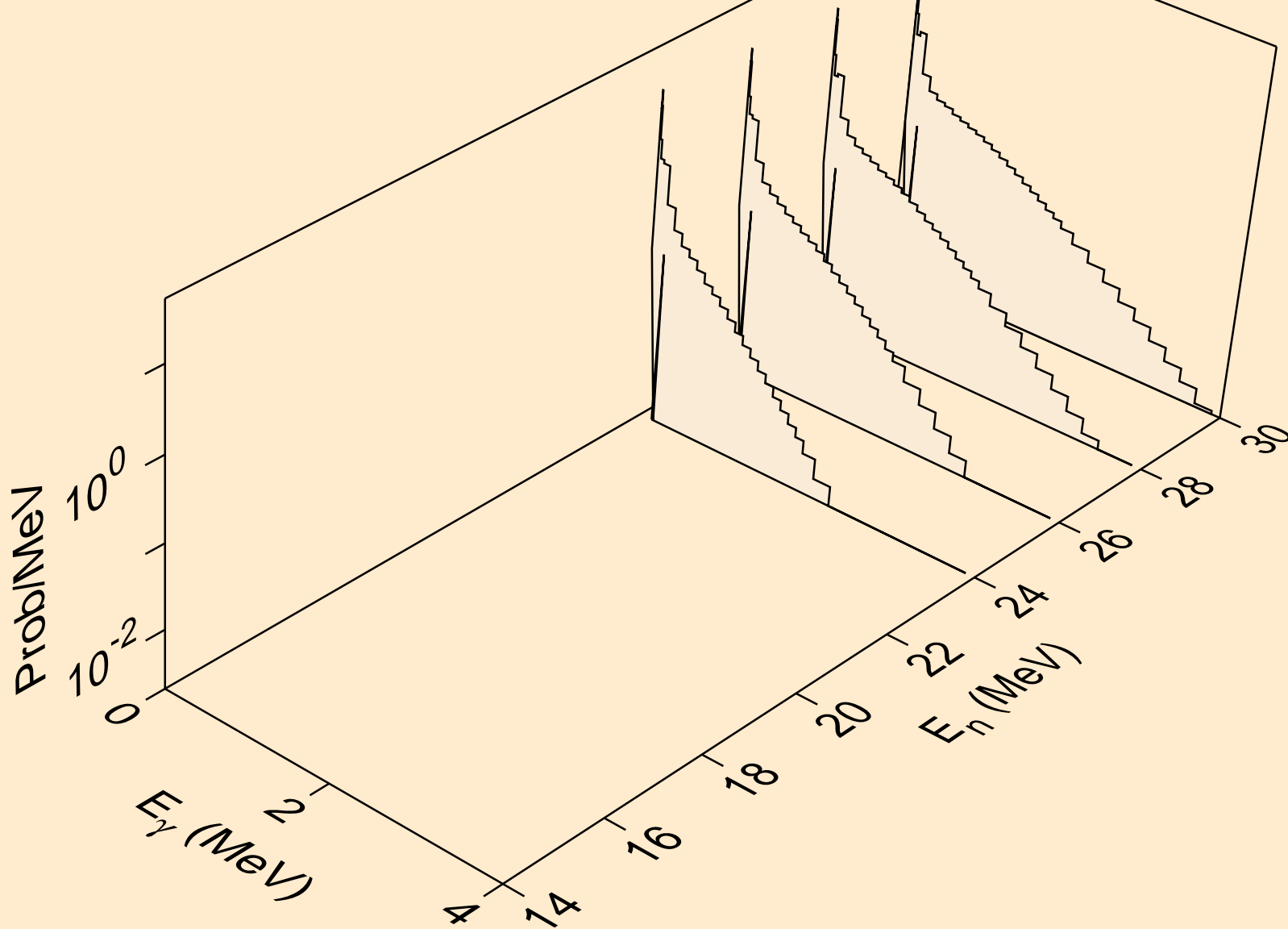
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



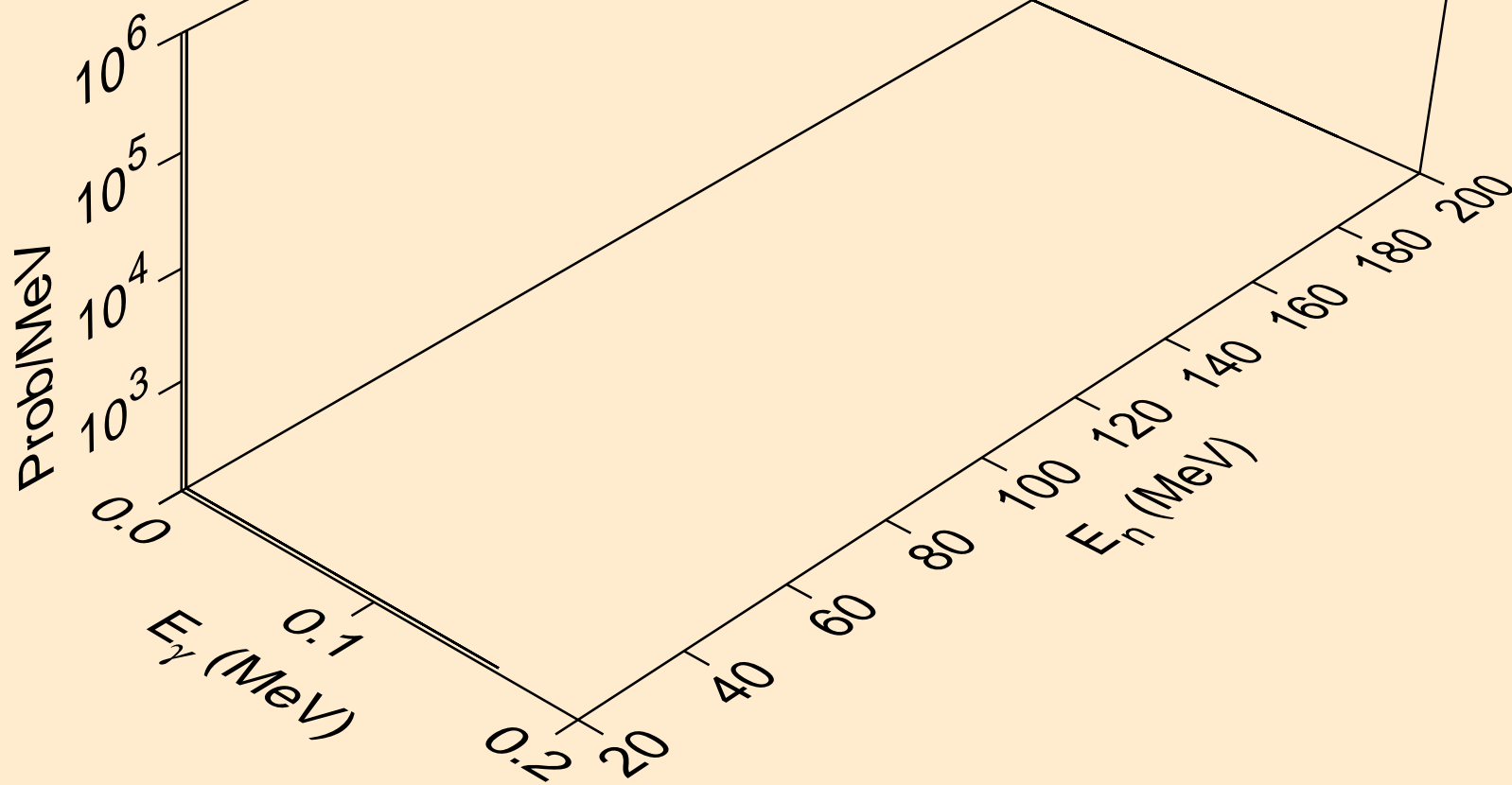
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



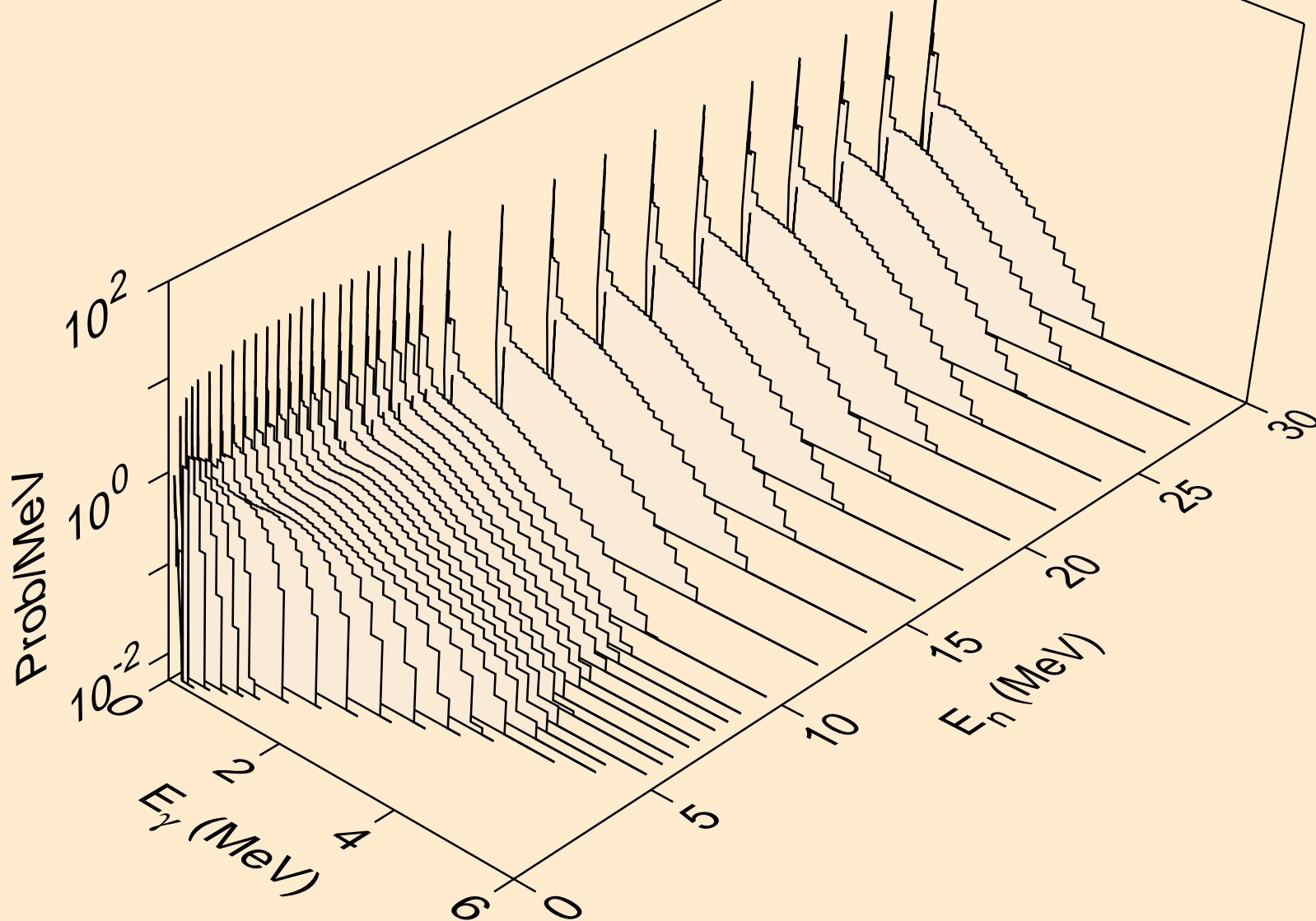
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



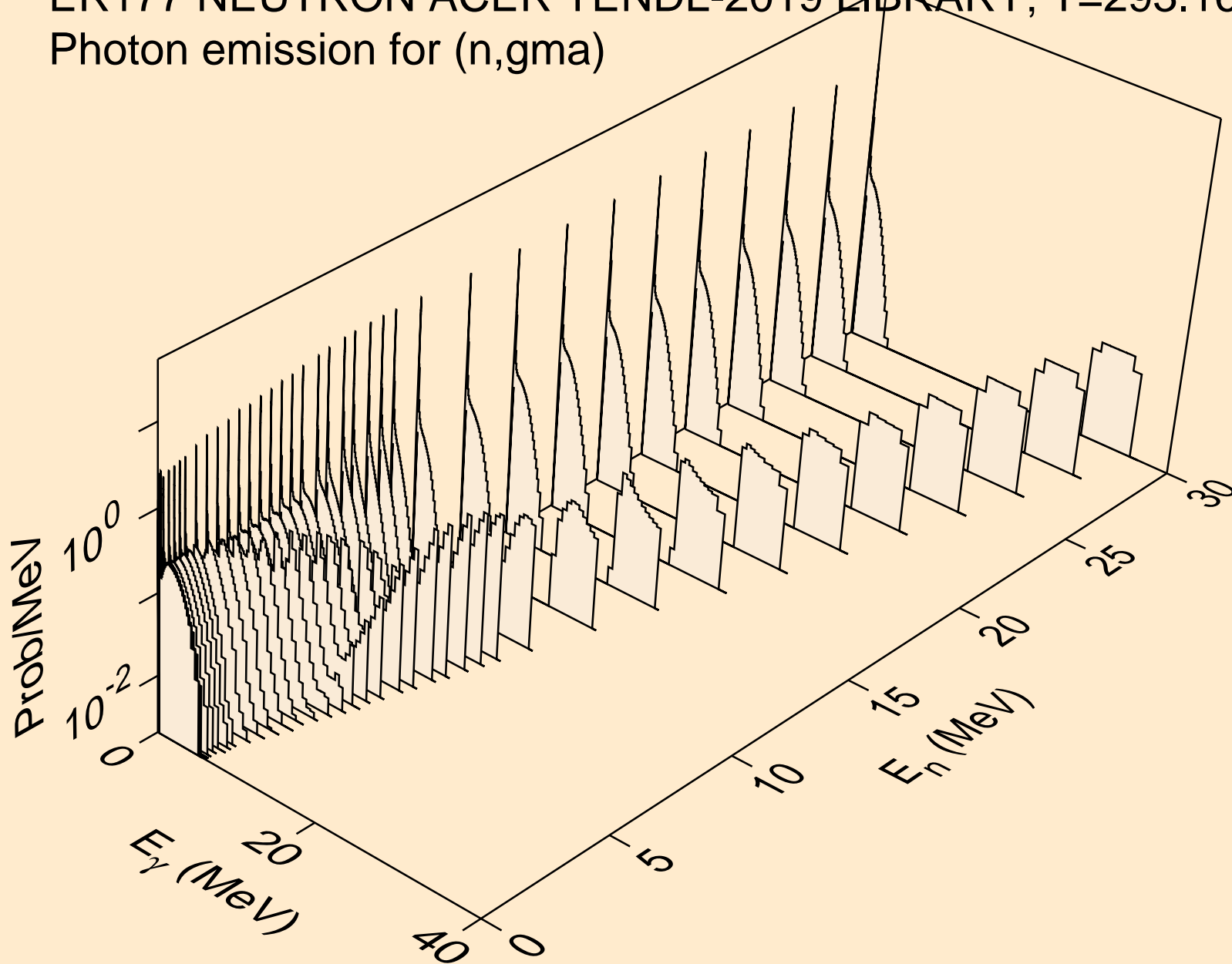
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



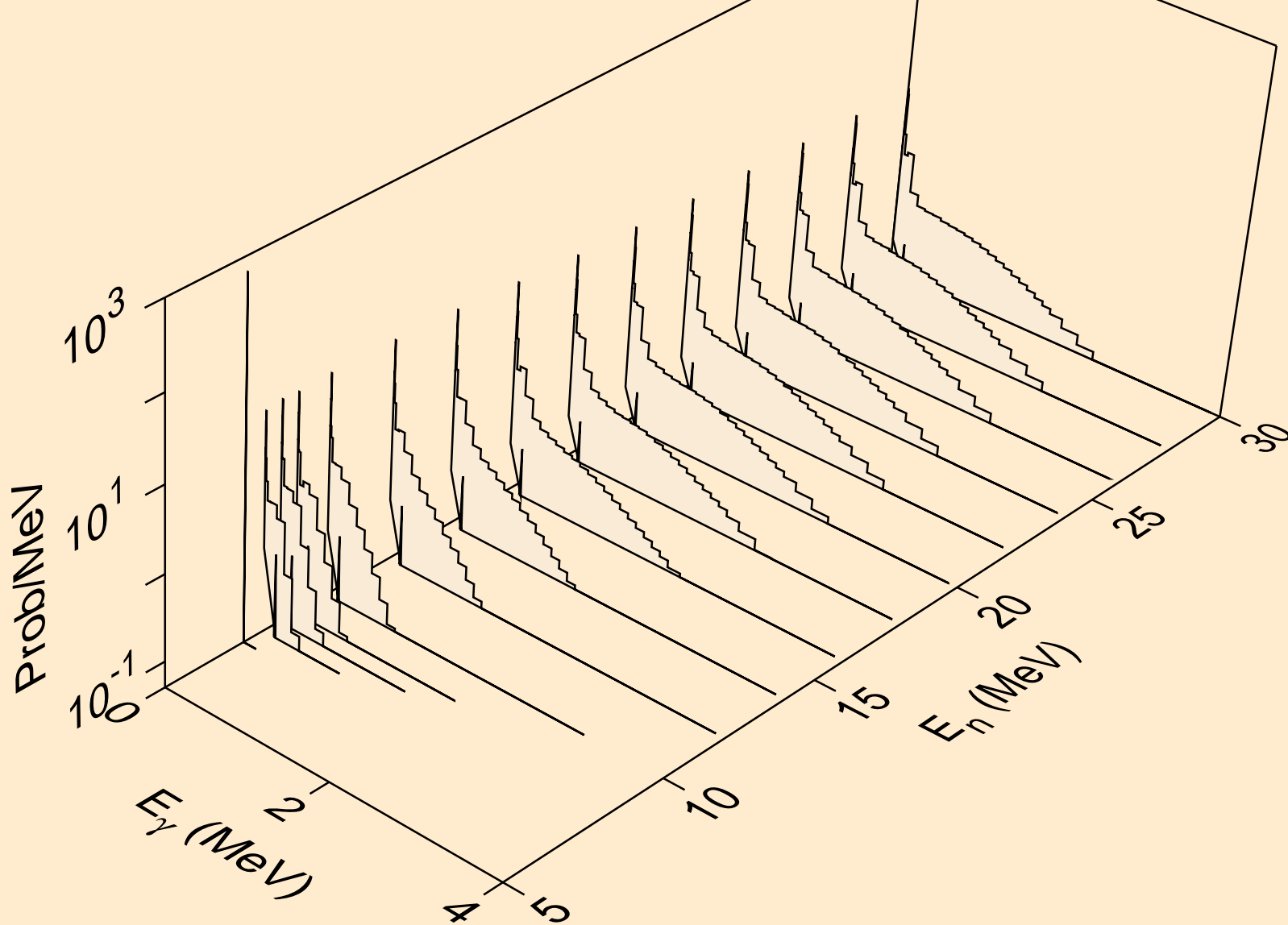
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



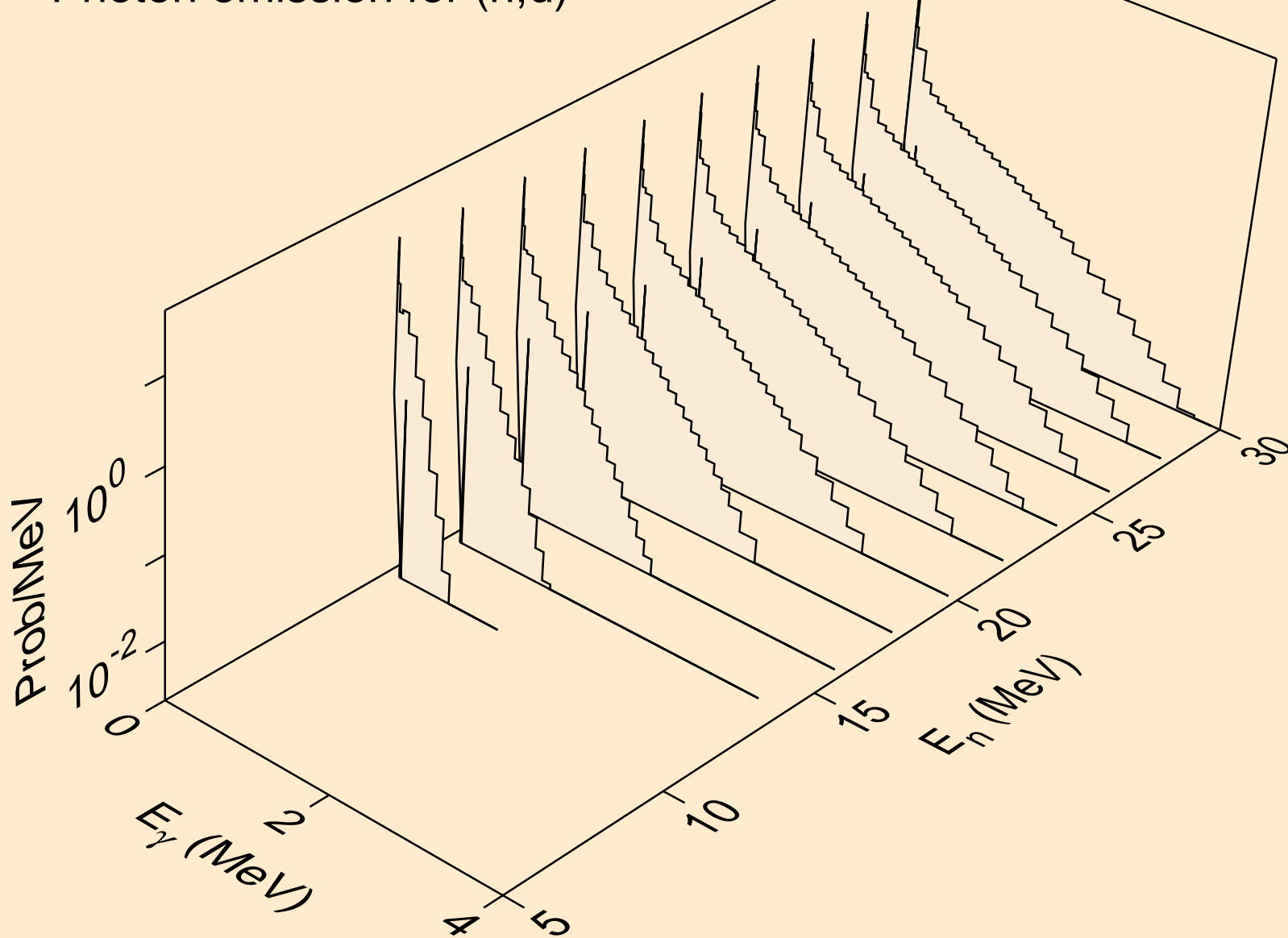
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



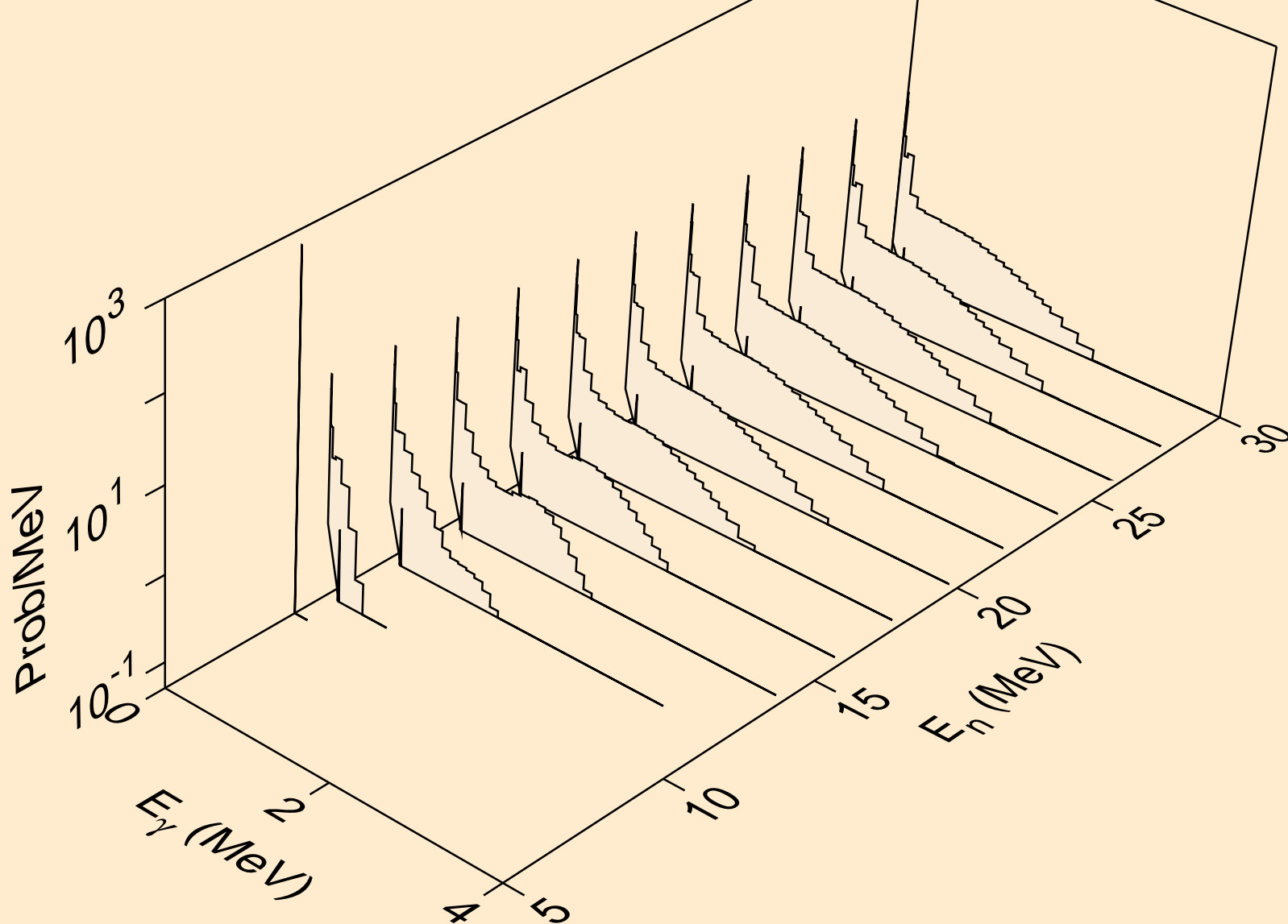
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



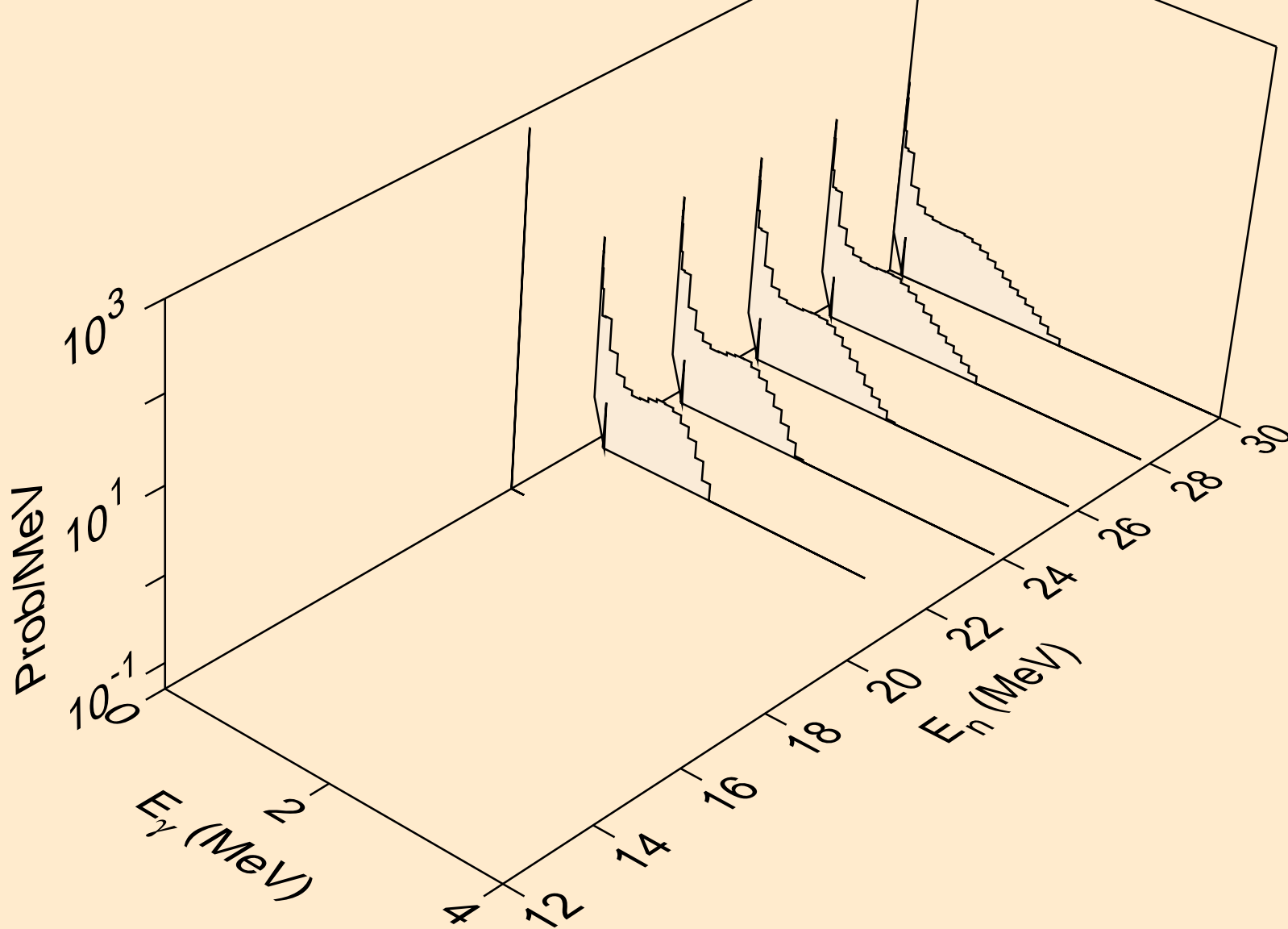
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



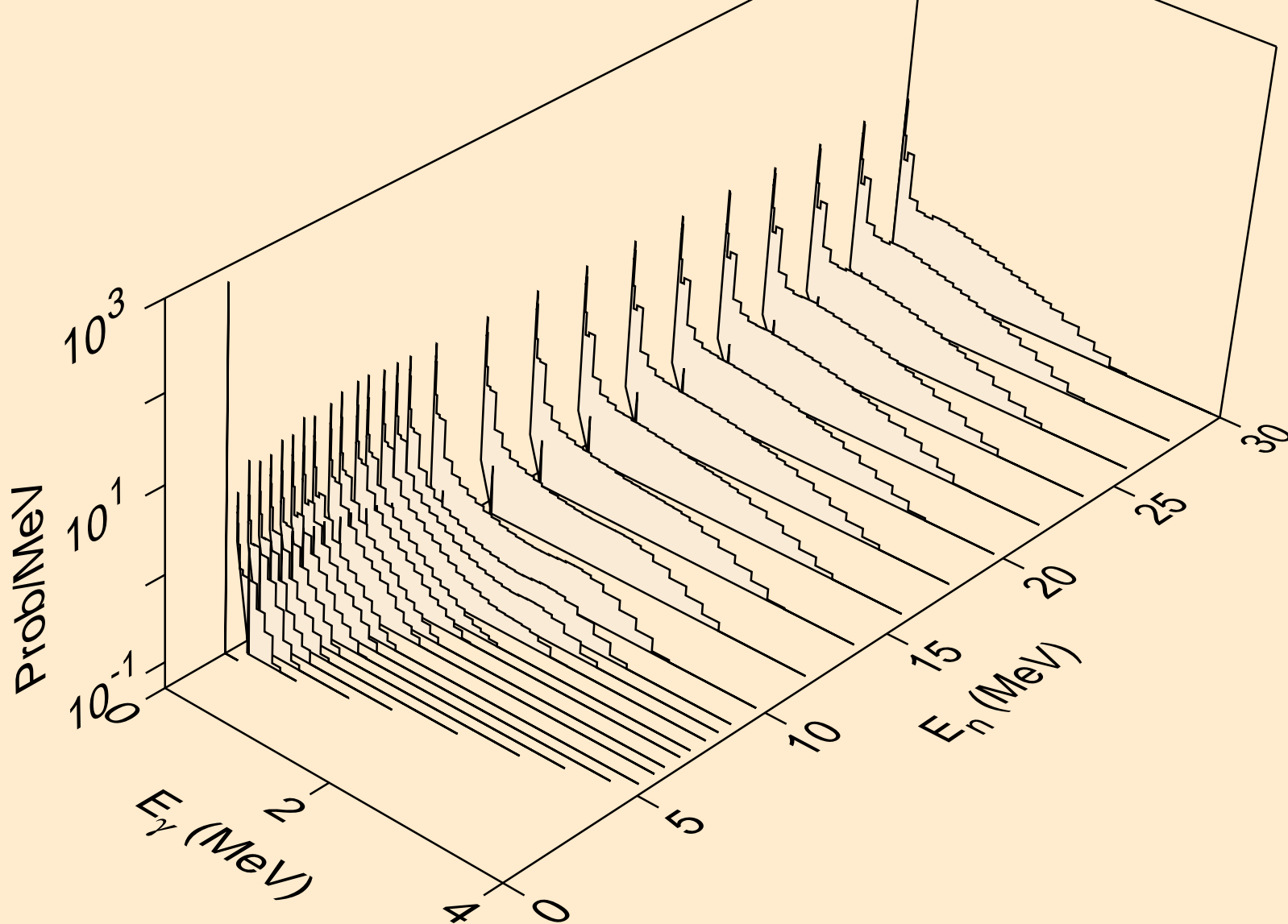
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



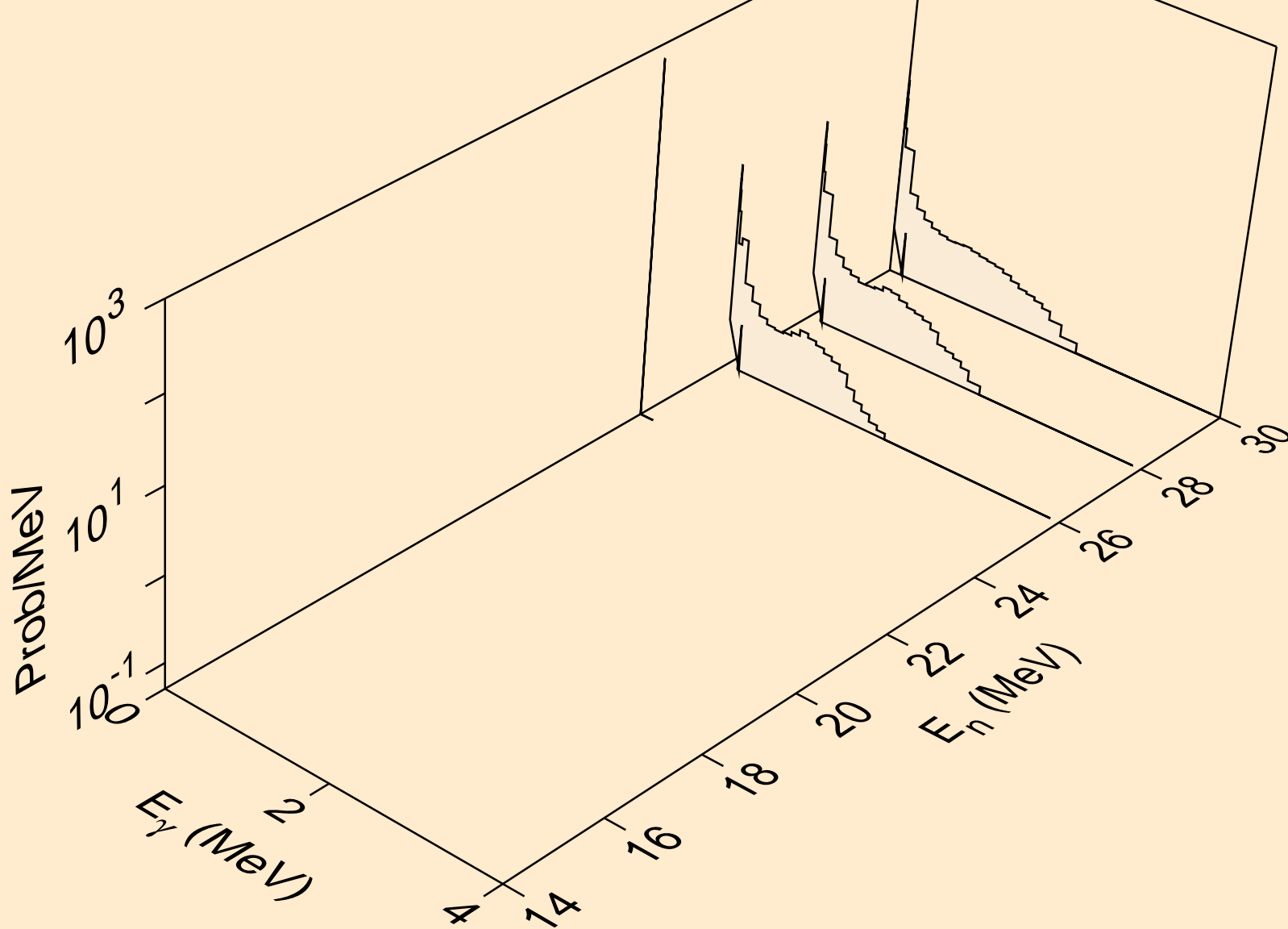
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



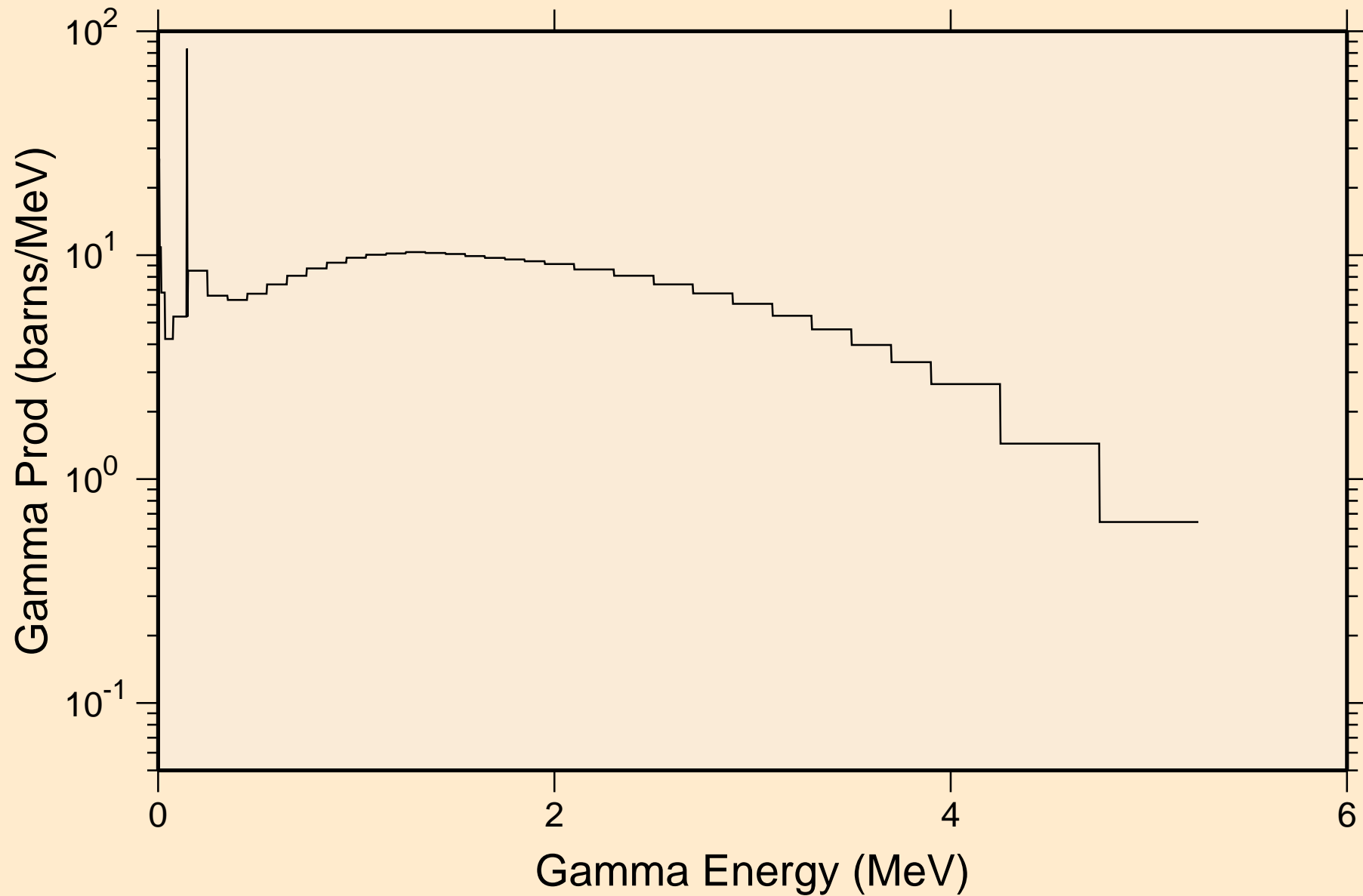
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



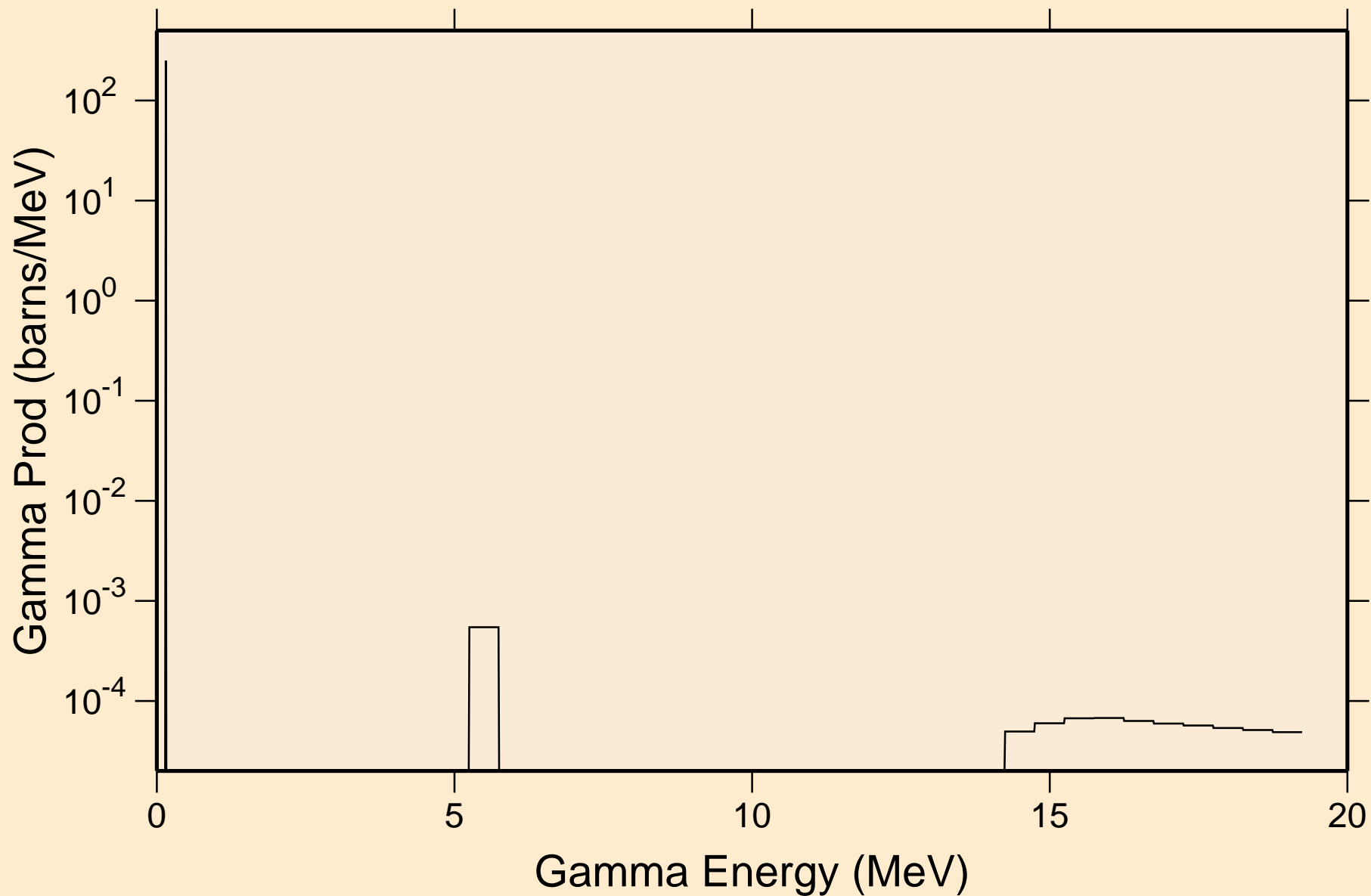
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

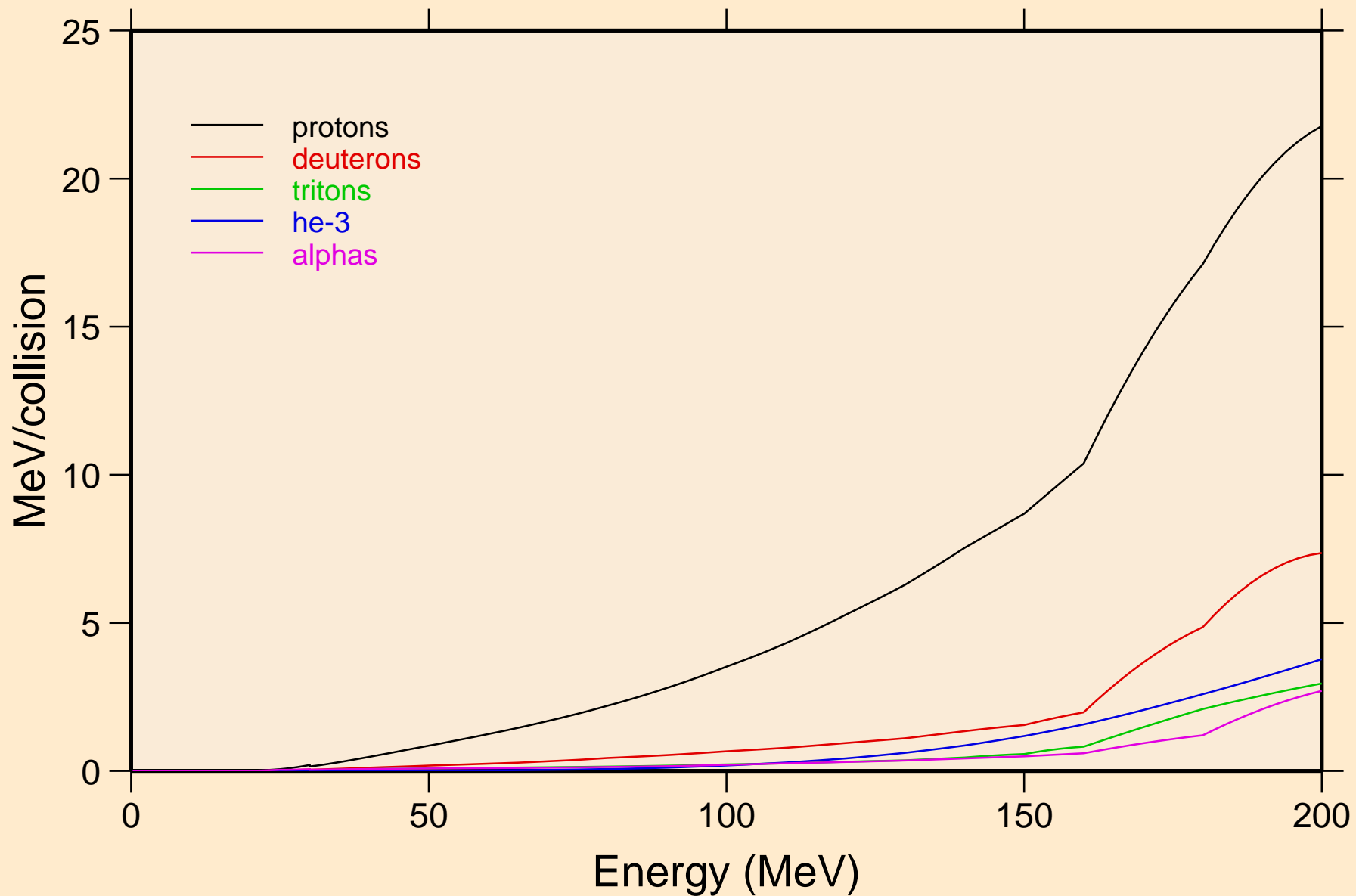


ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

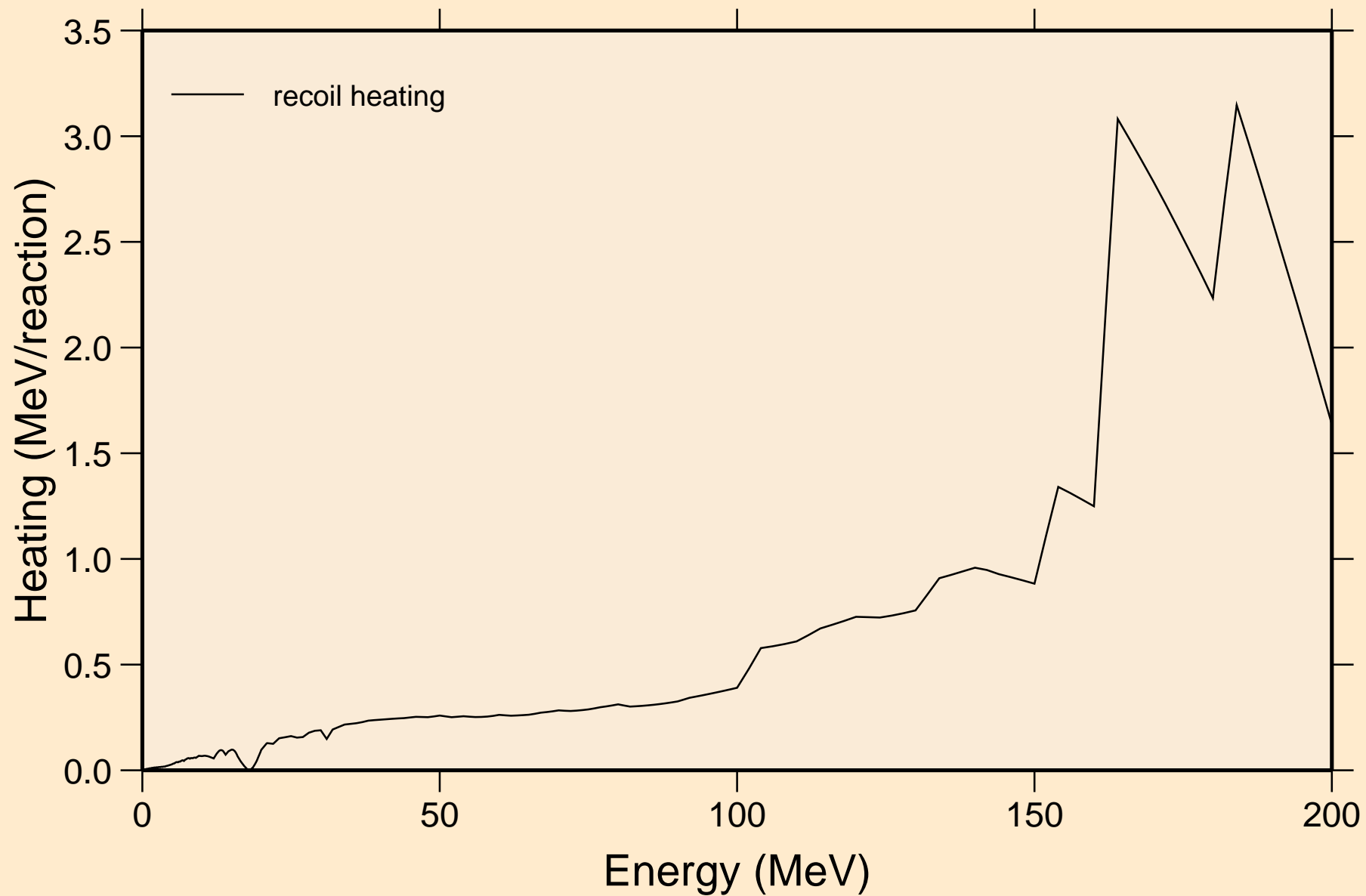


ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

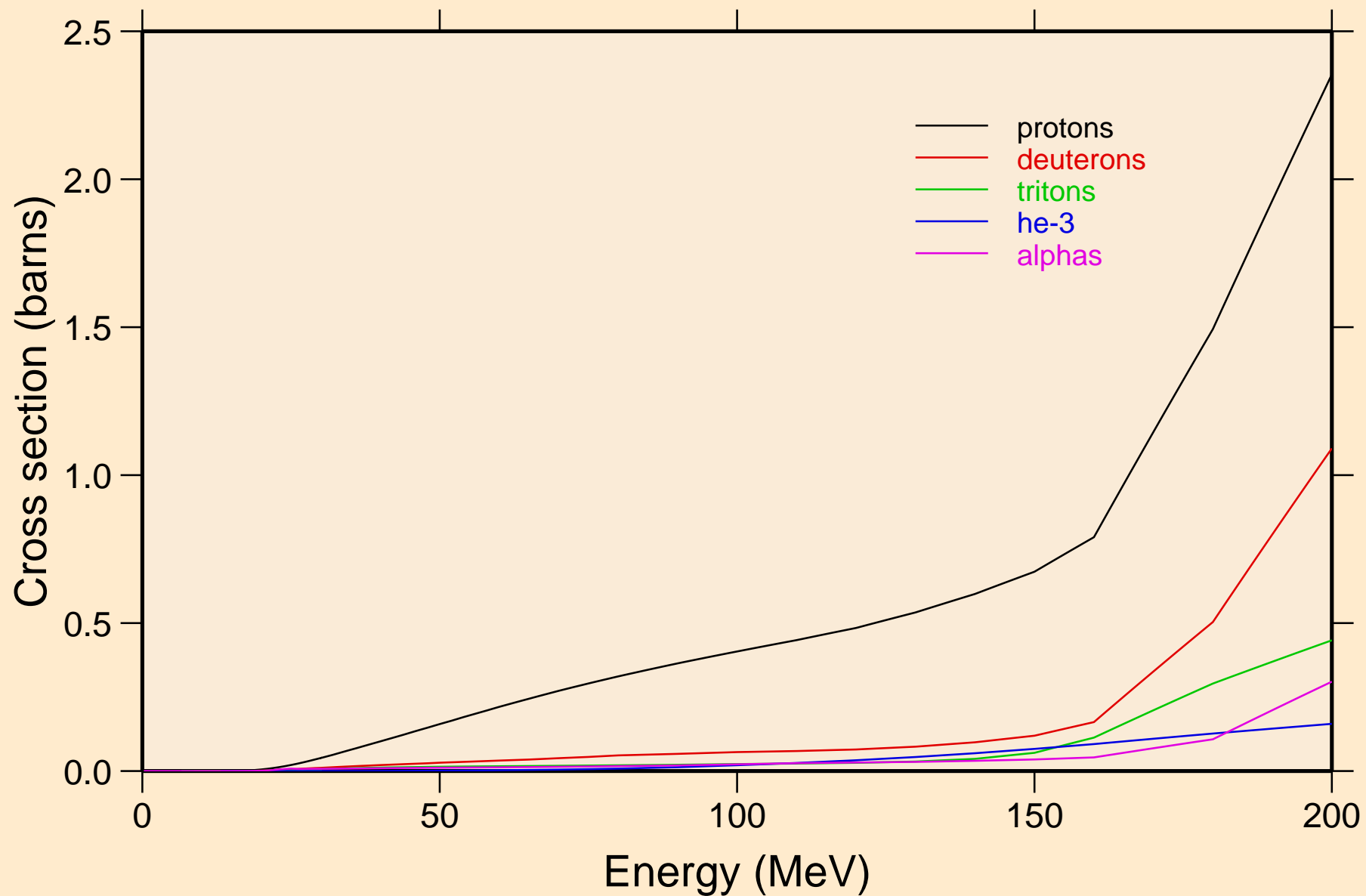
Particle heating contributions



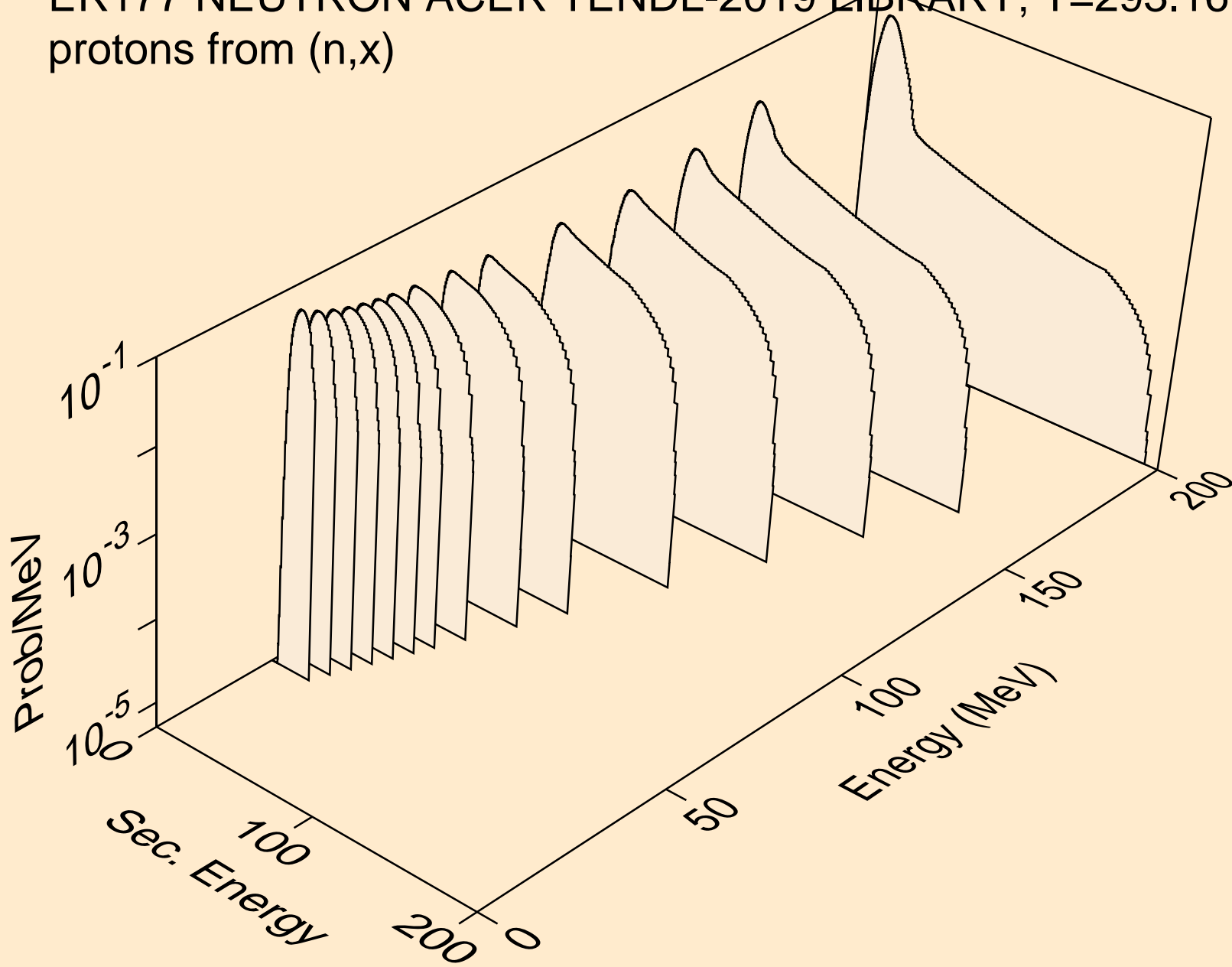
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Recoil Heating



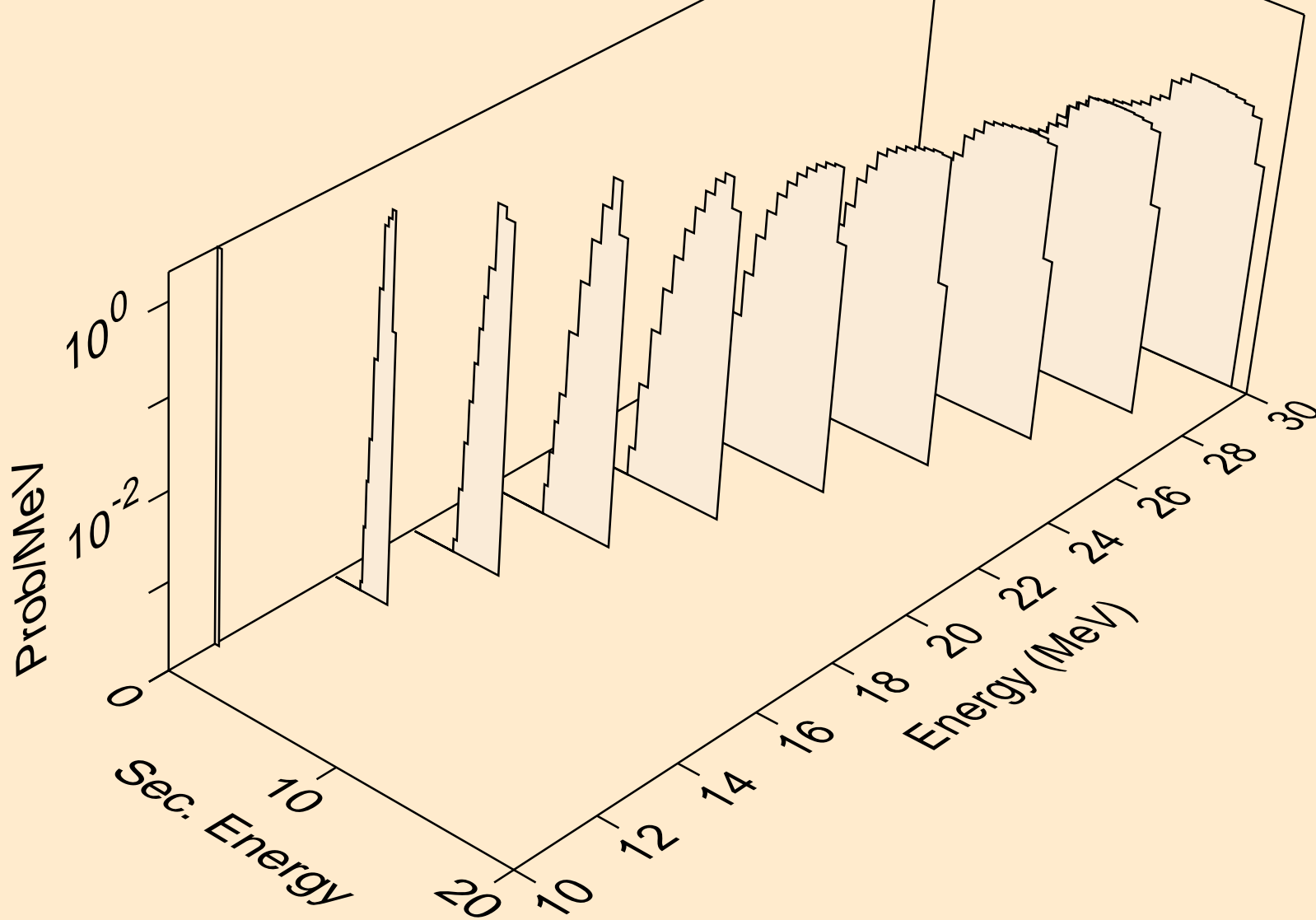
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



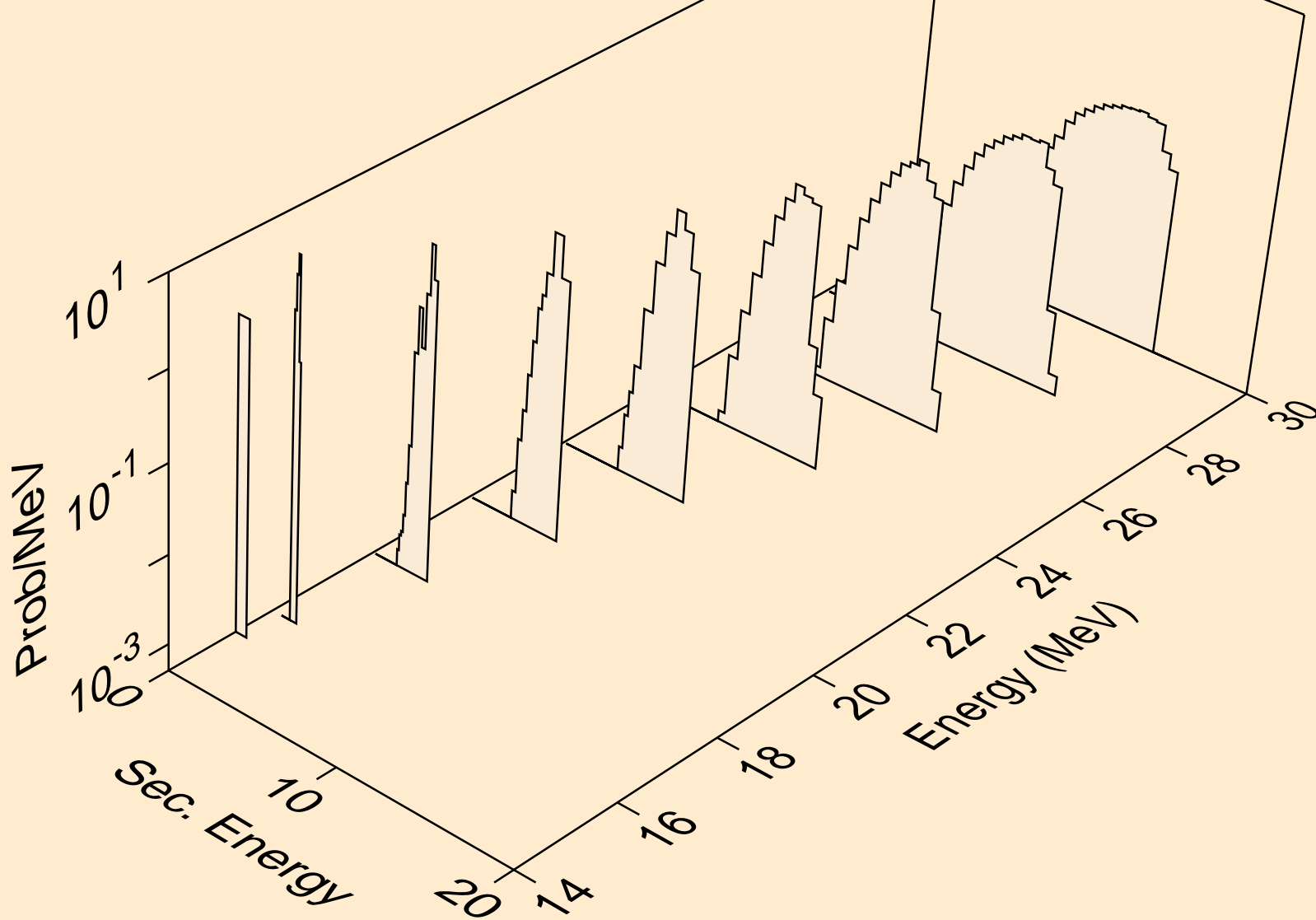
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



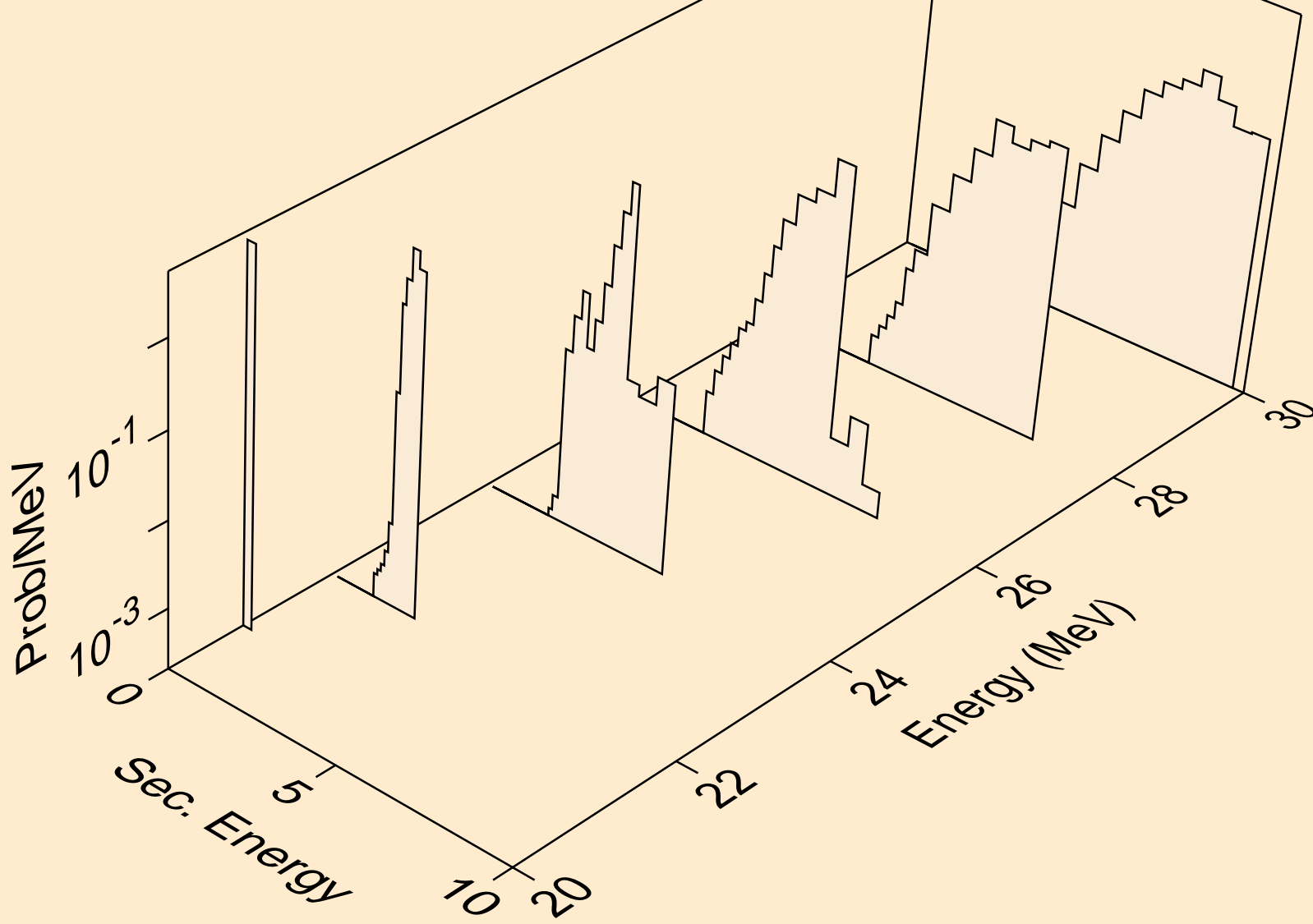
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



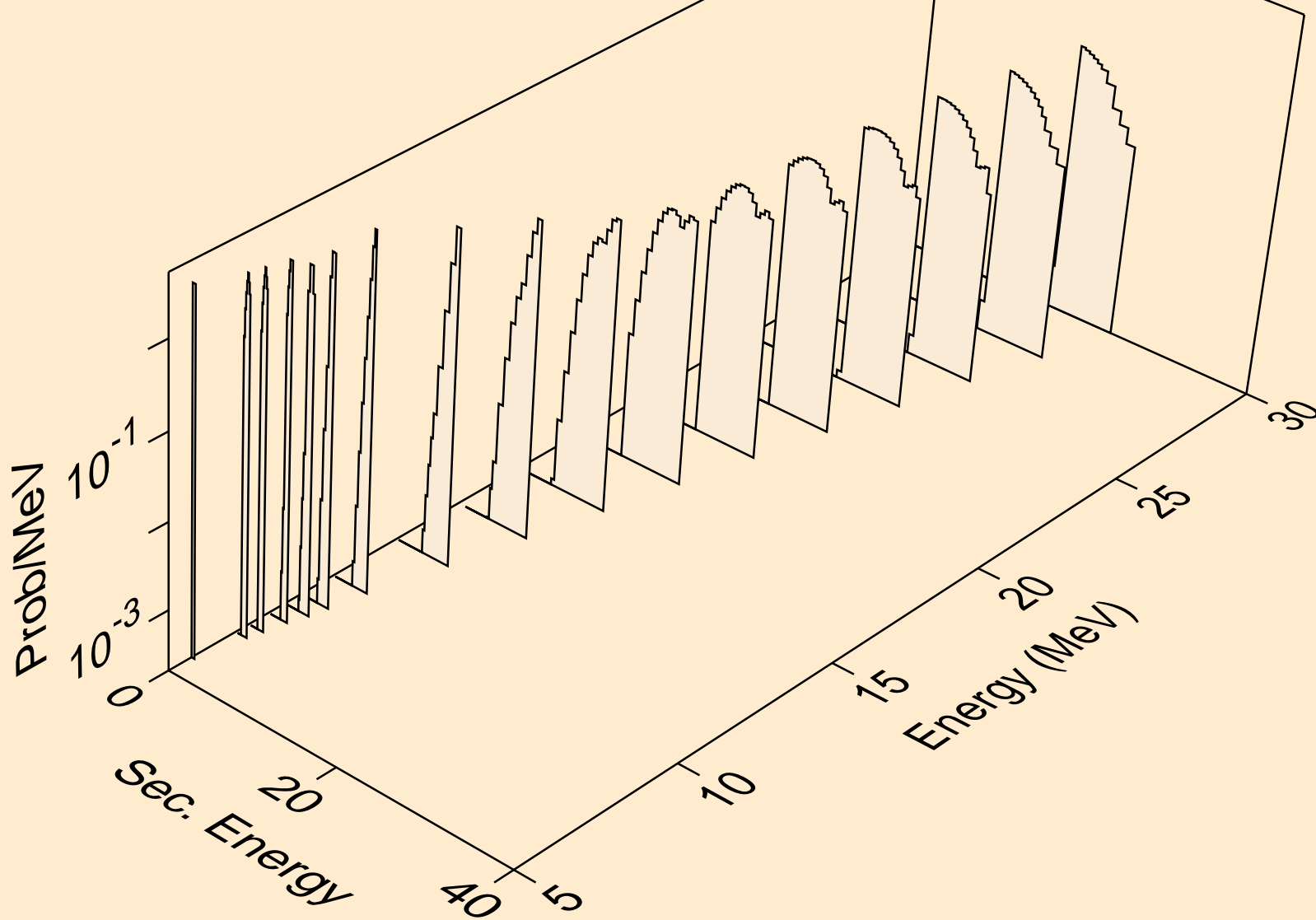
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



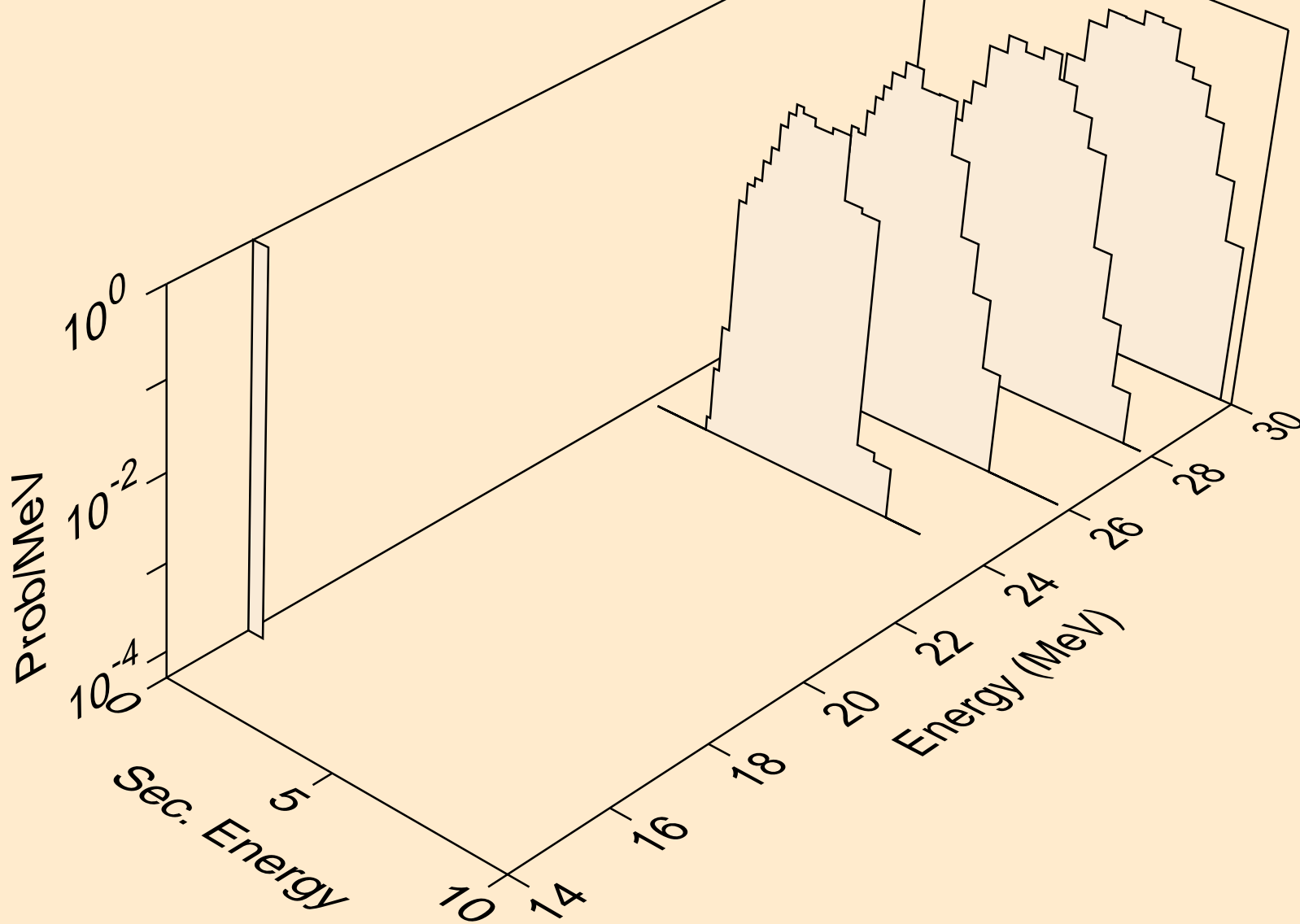
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



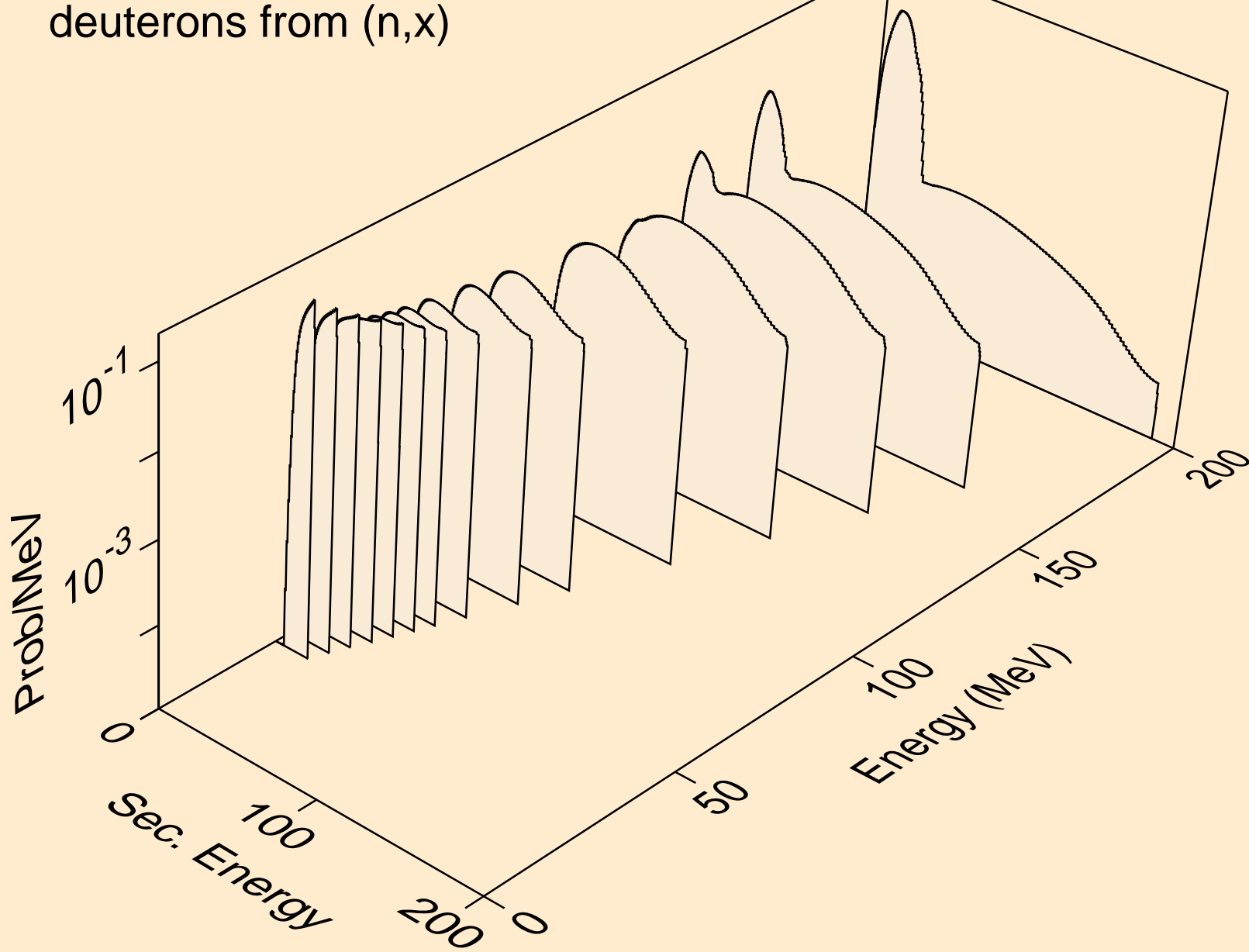
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



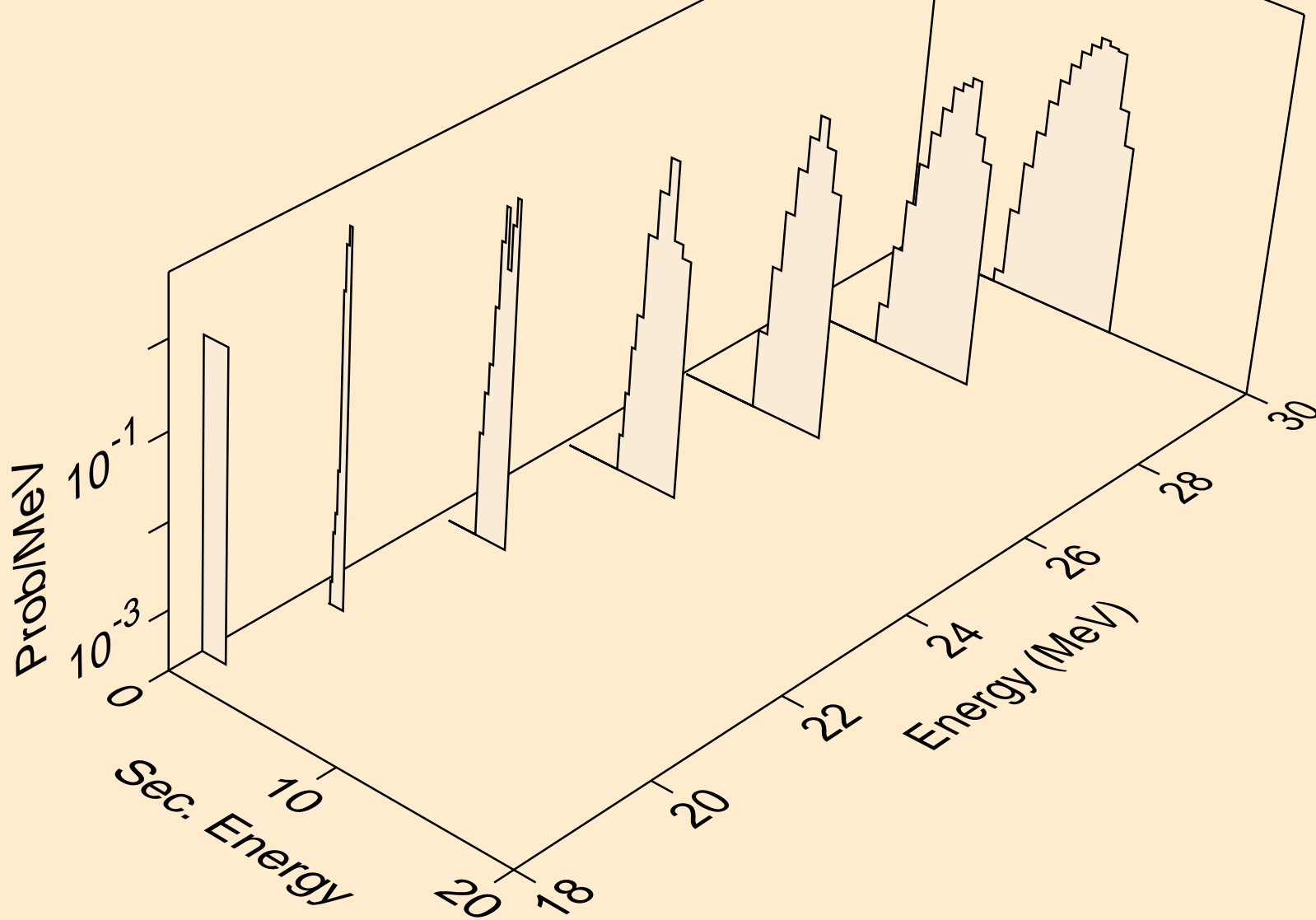
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



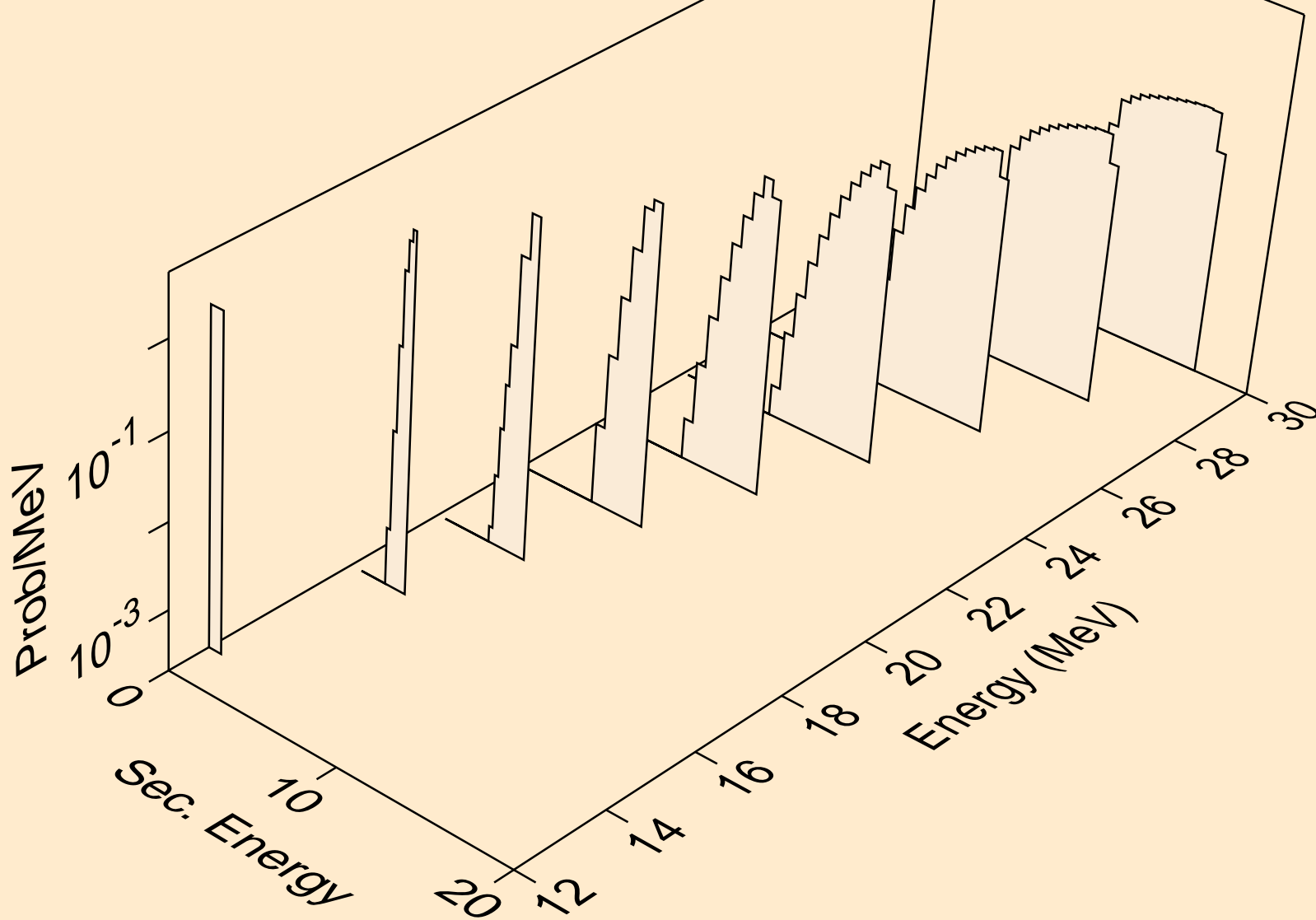
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



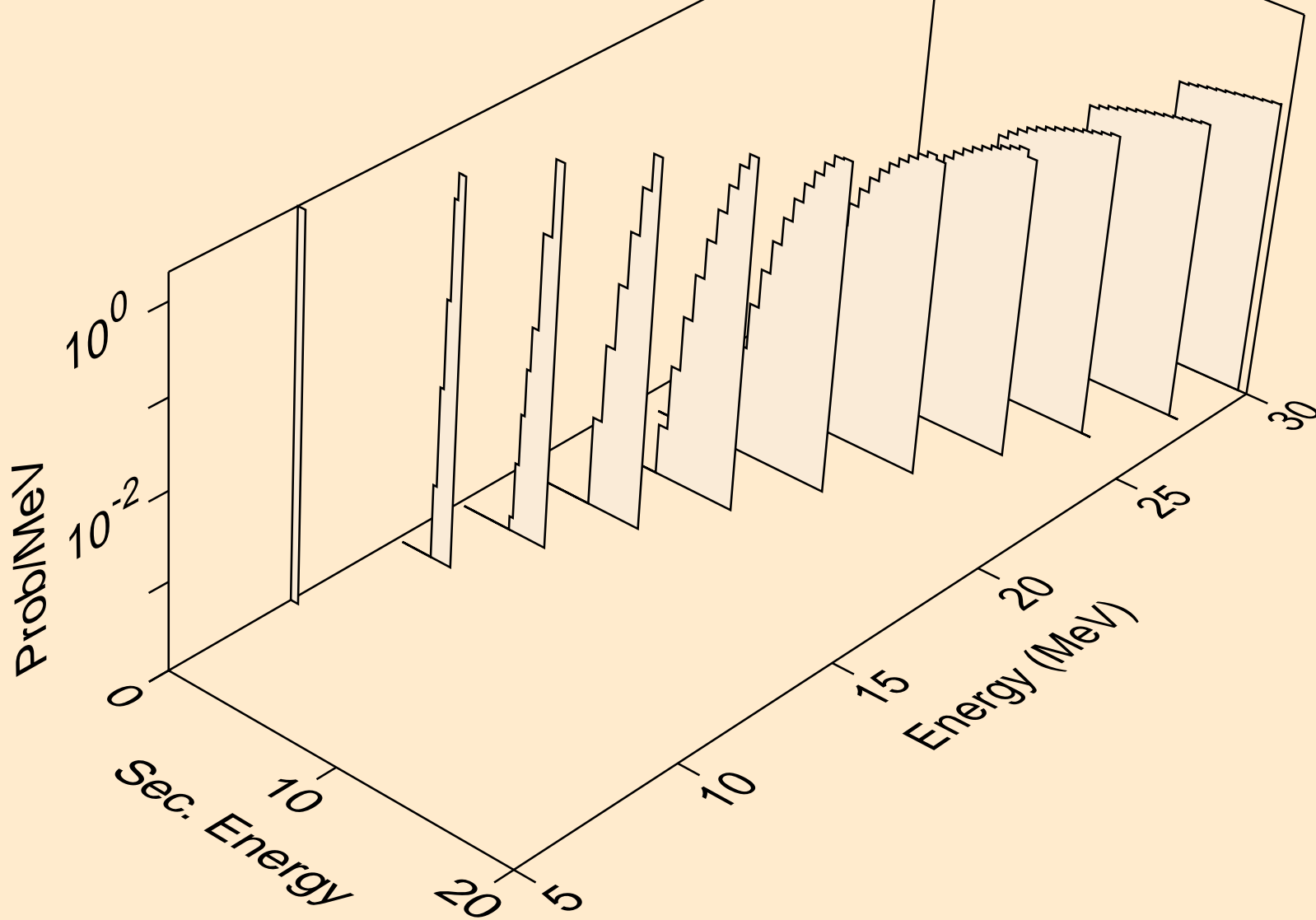
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



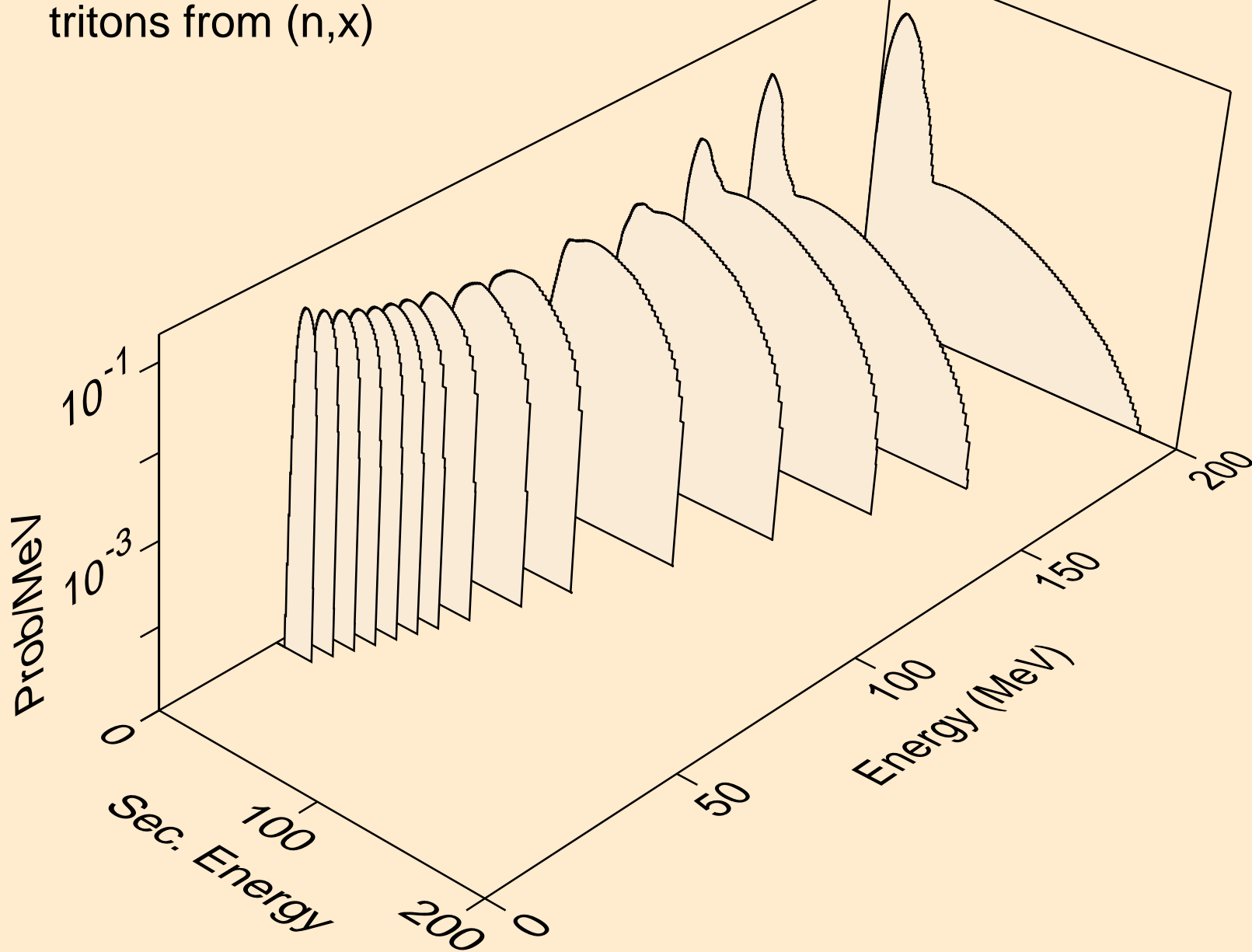
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



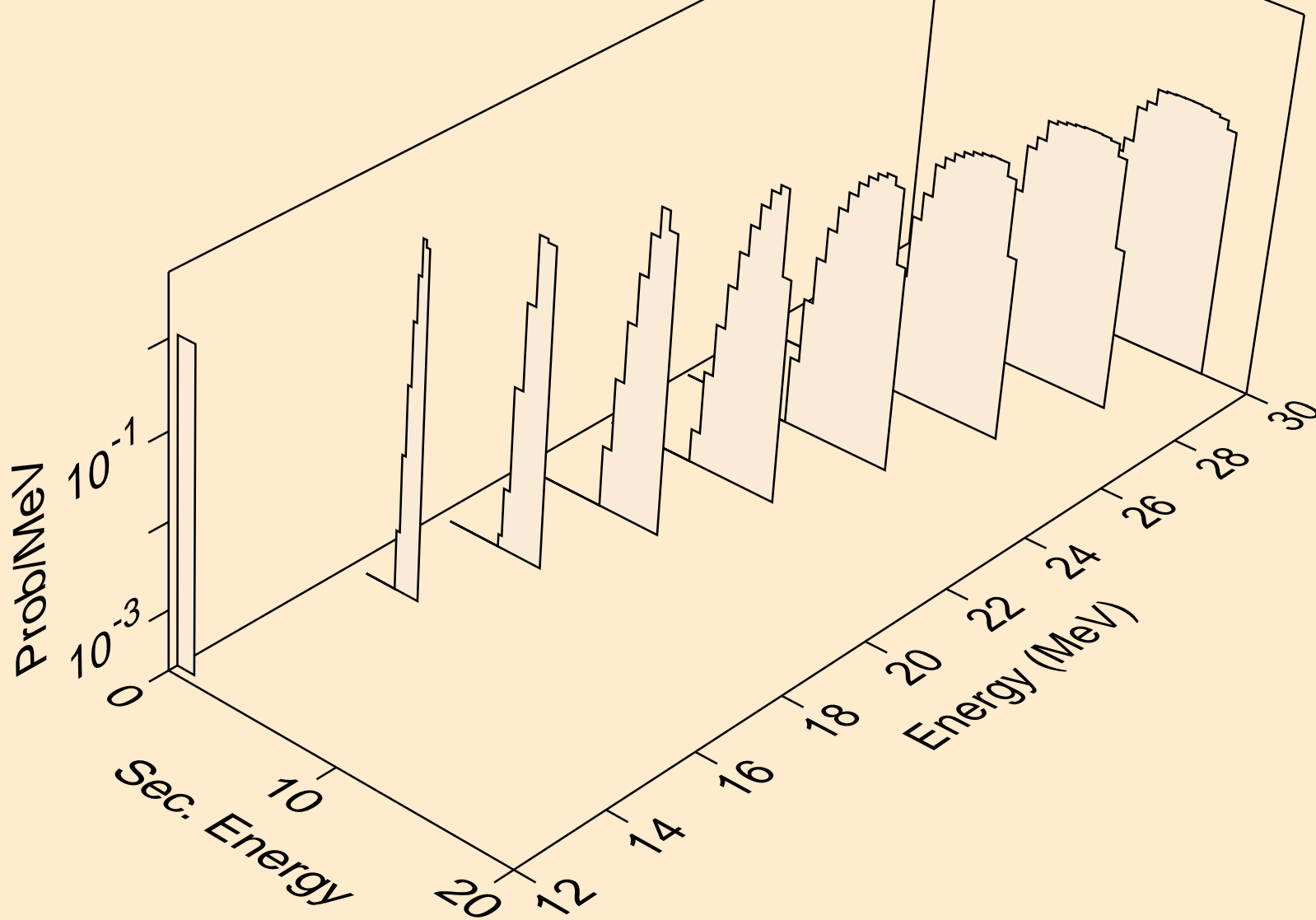
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



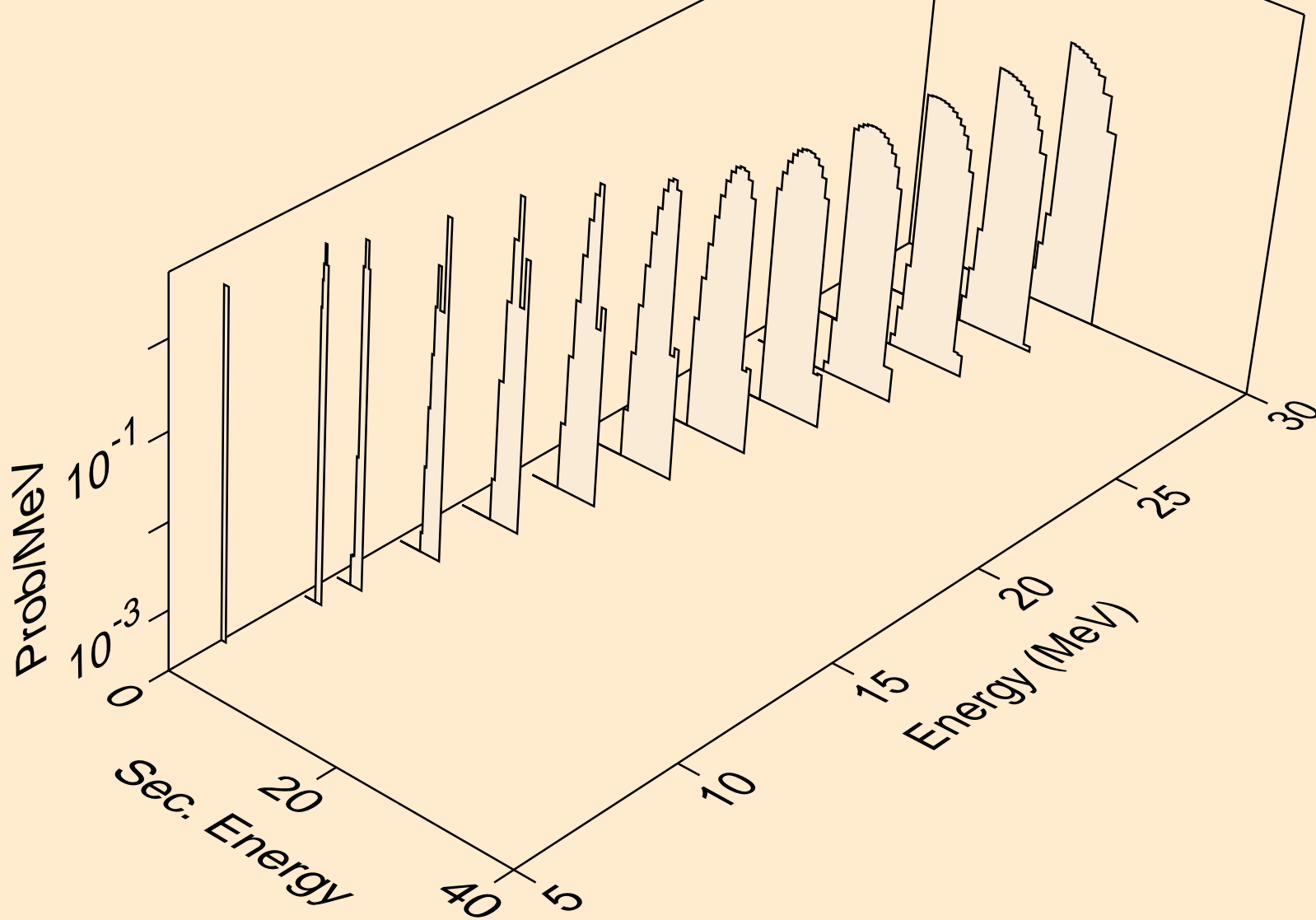
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



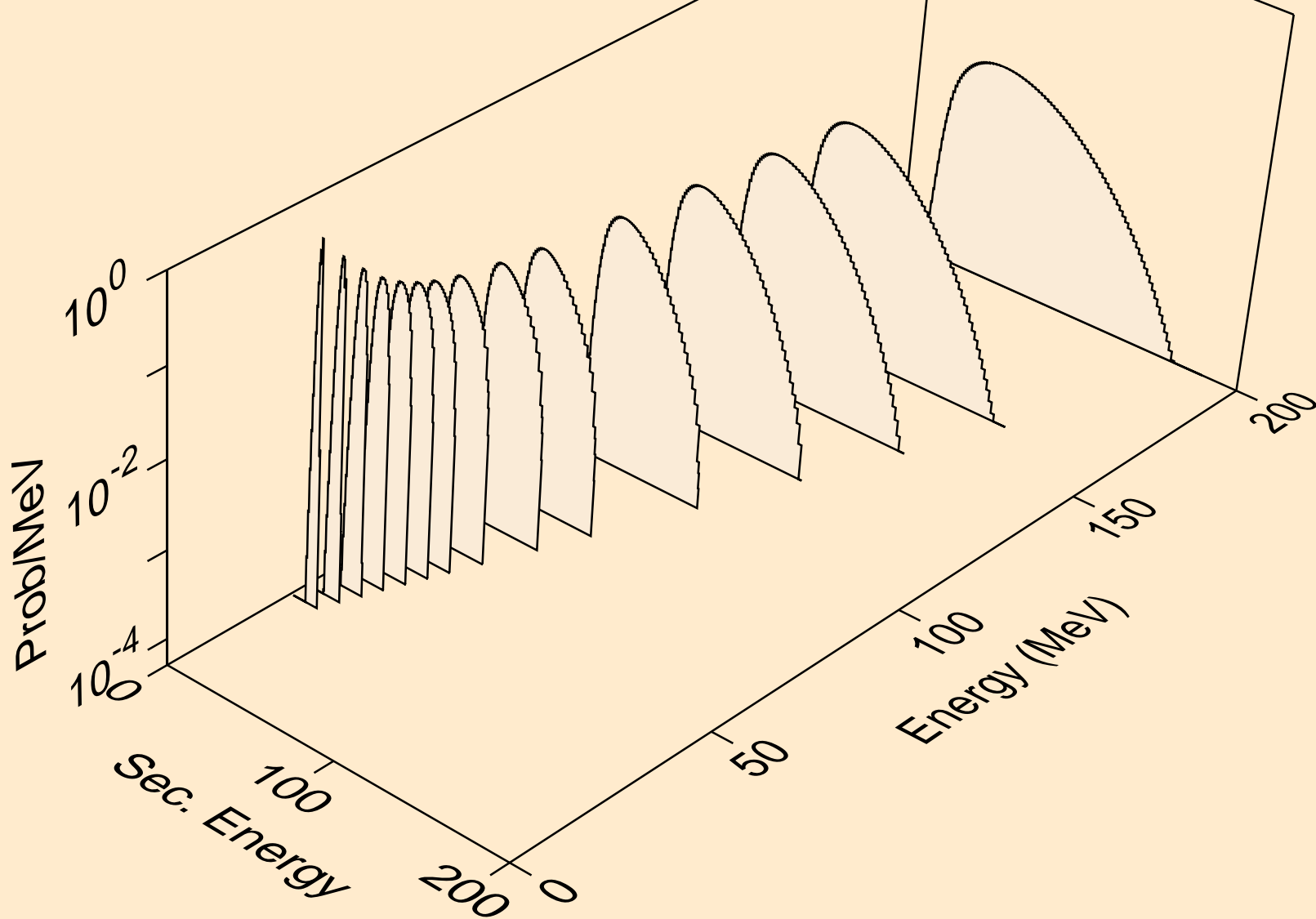
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



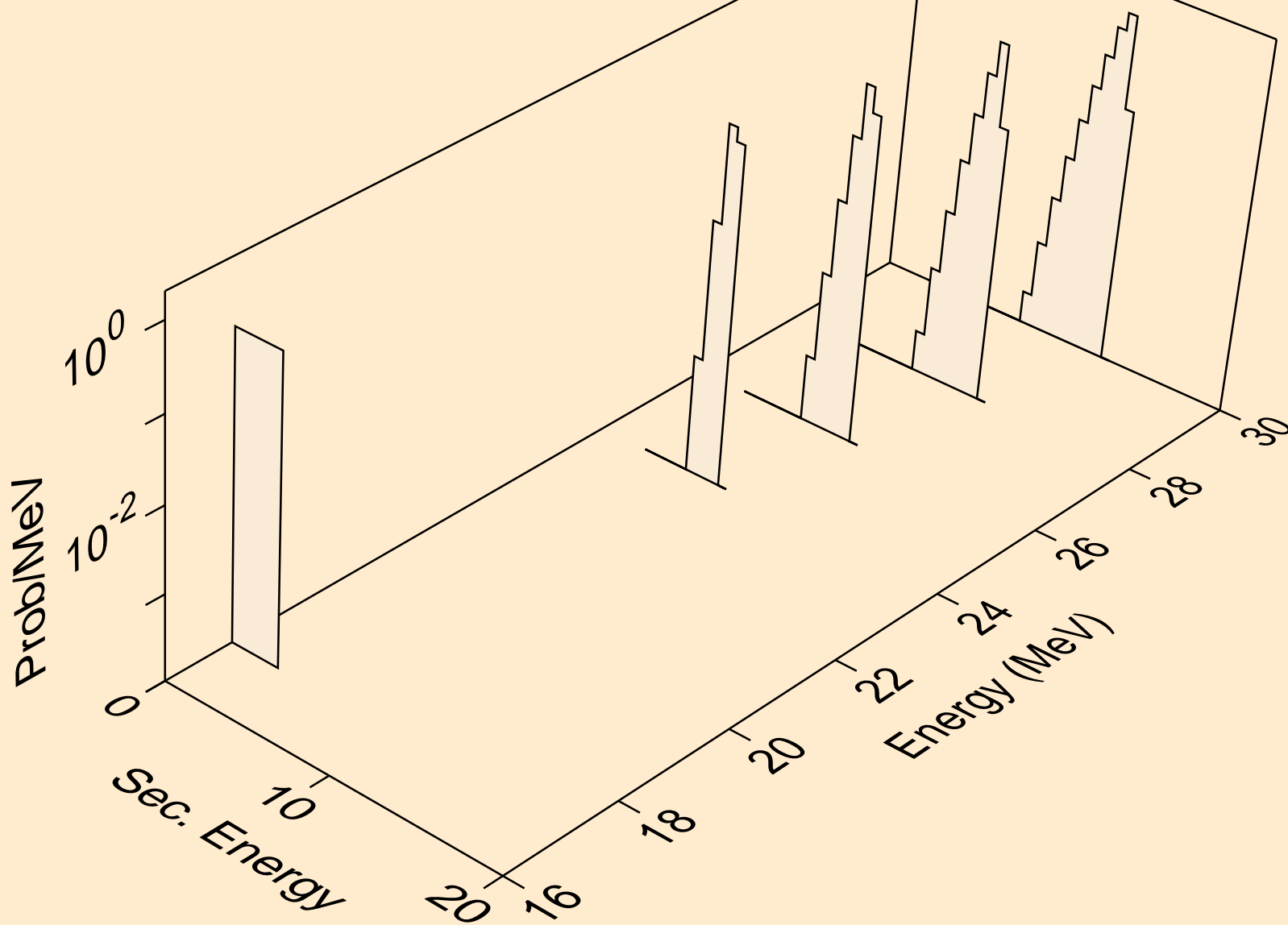
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



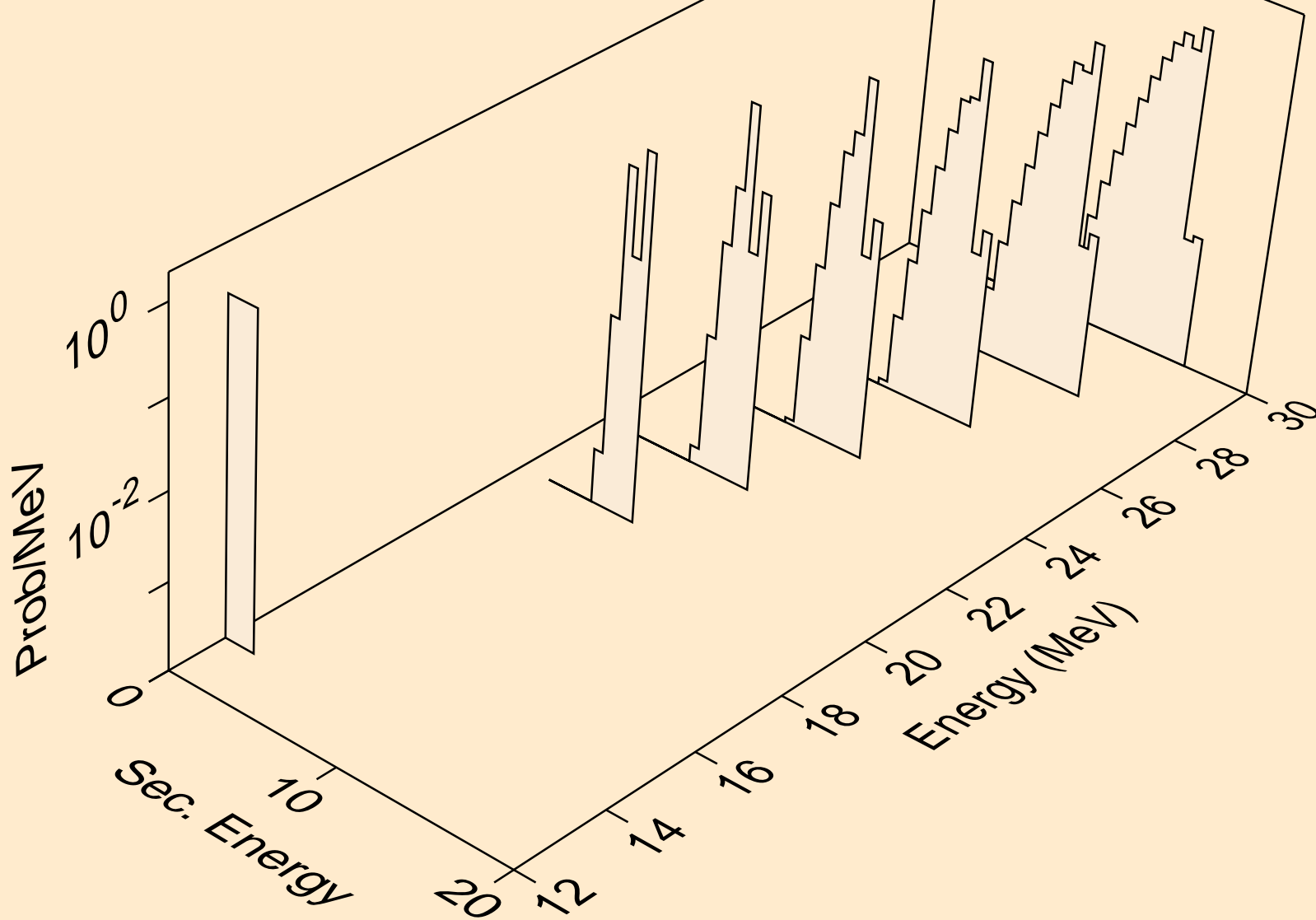
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



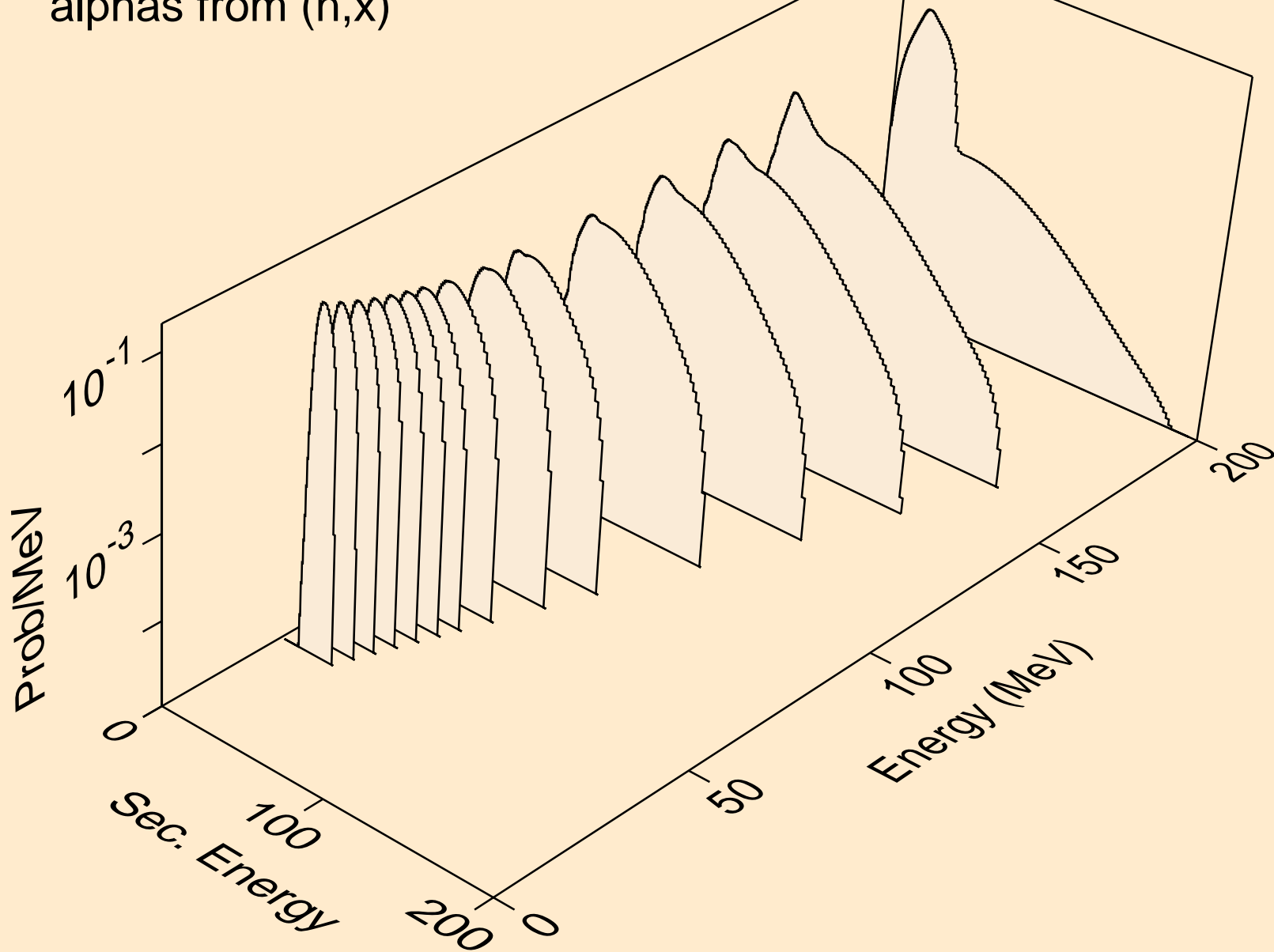
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



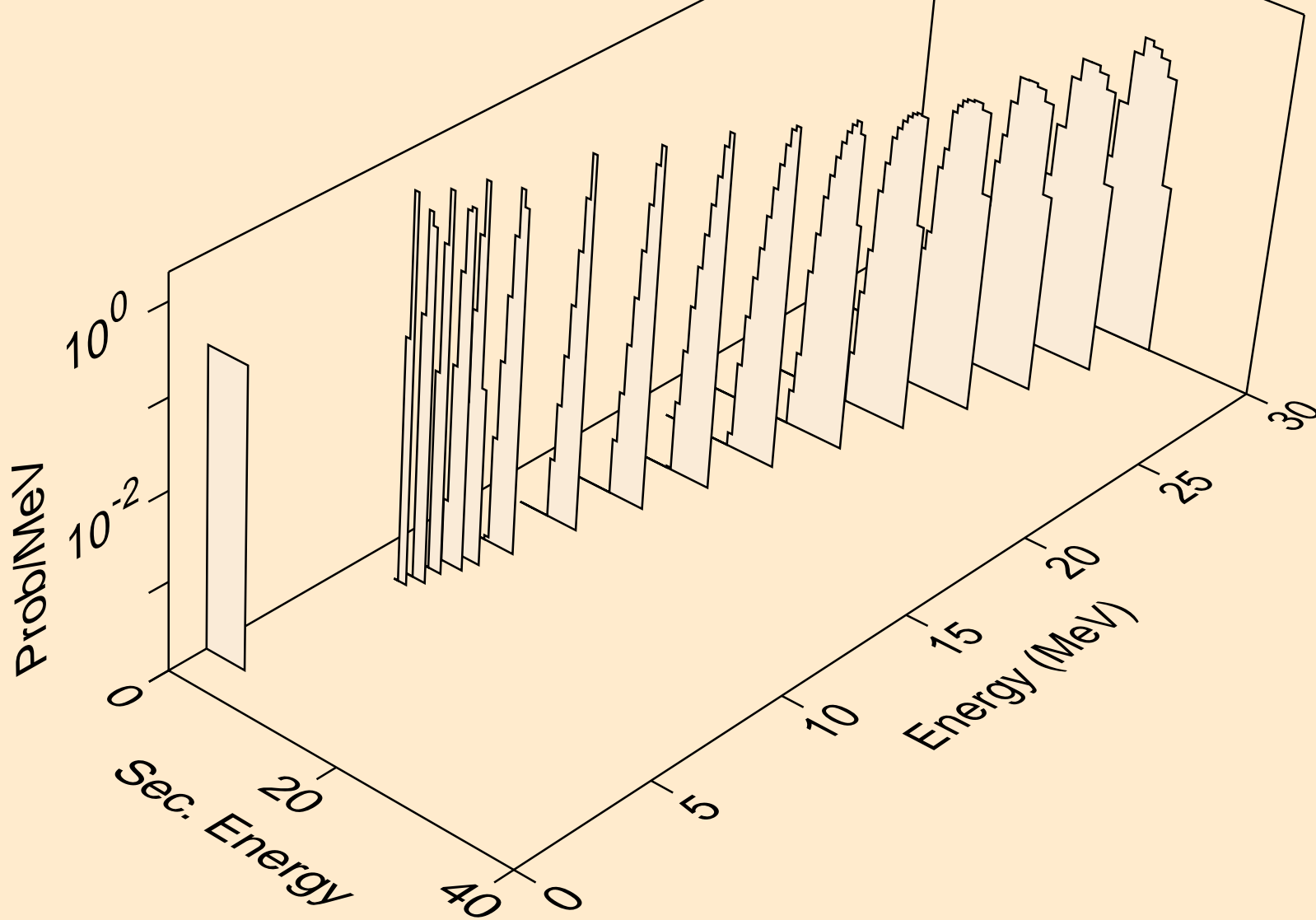
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



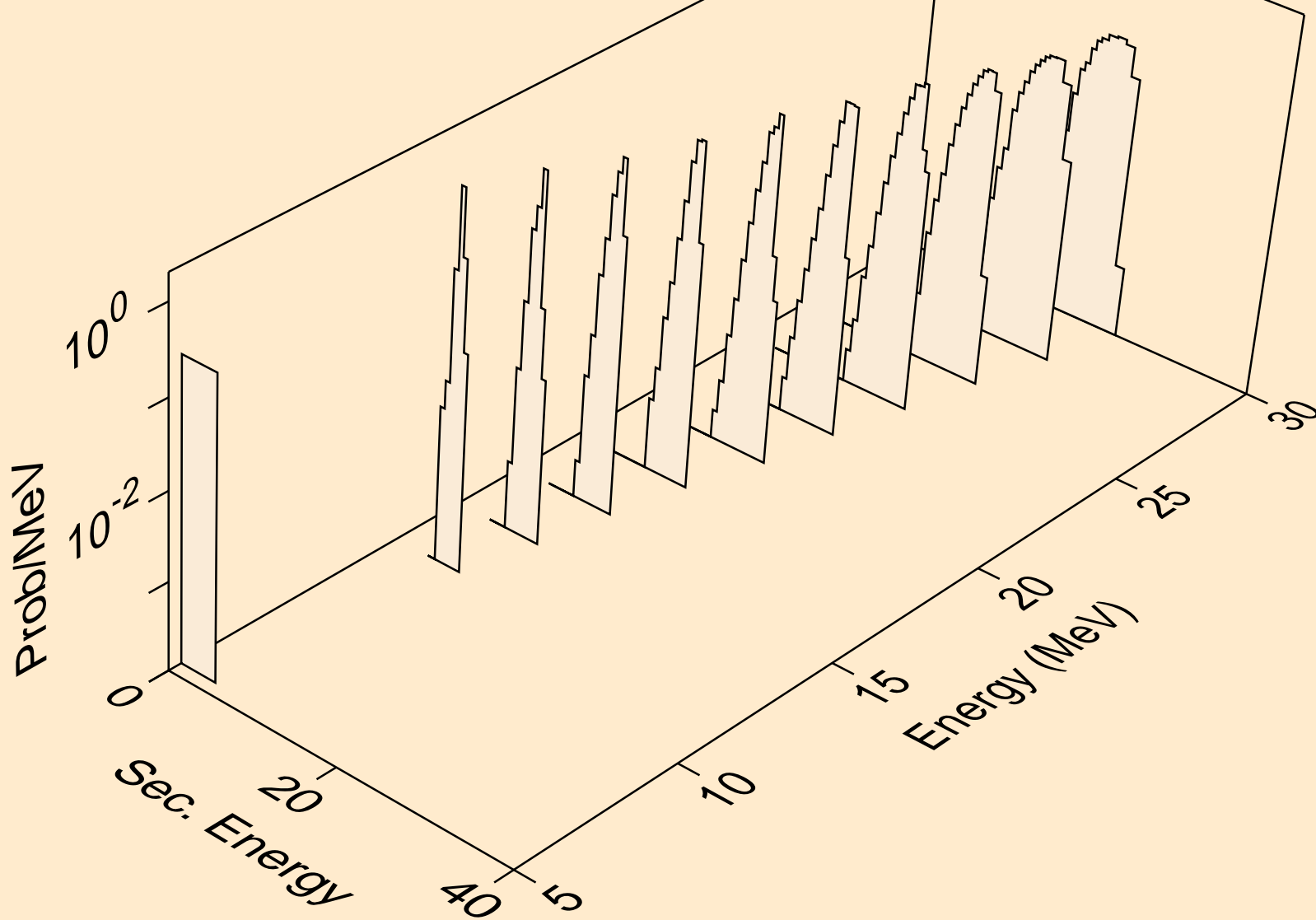
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



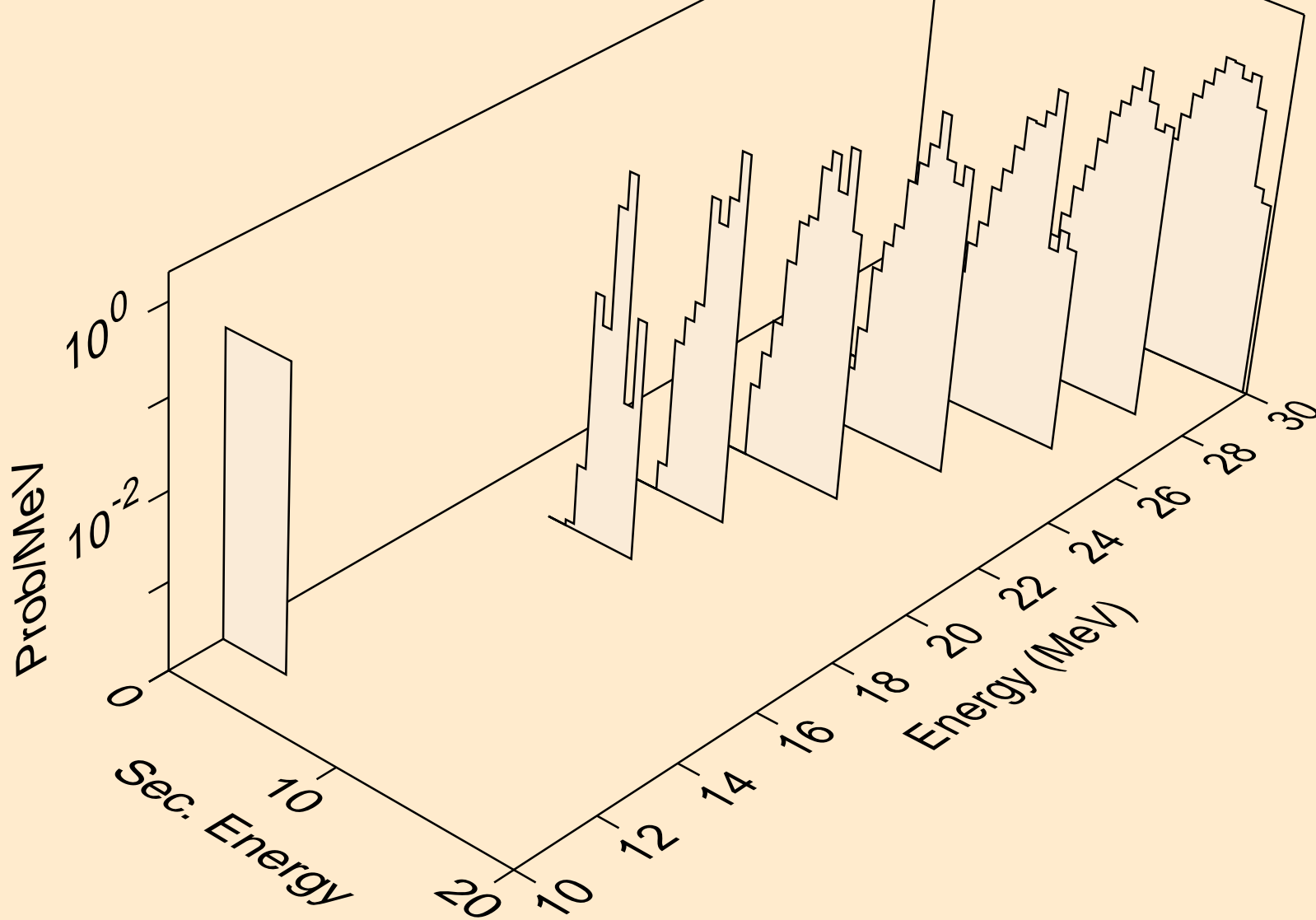
ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



ER177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

