

Program EVALPLOT
(Version 2015-2)

by

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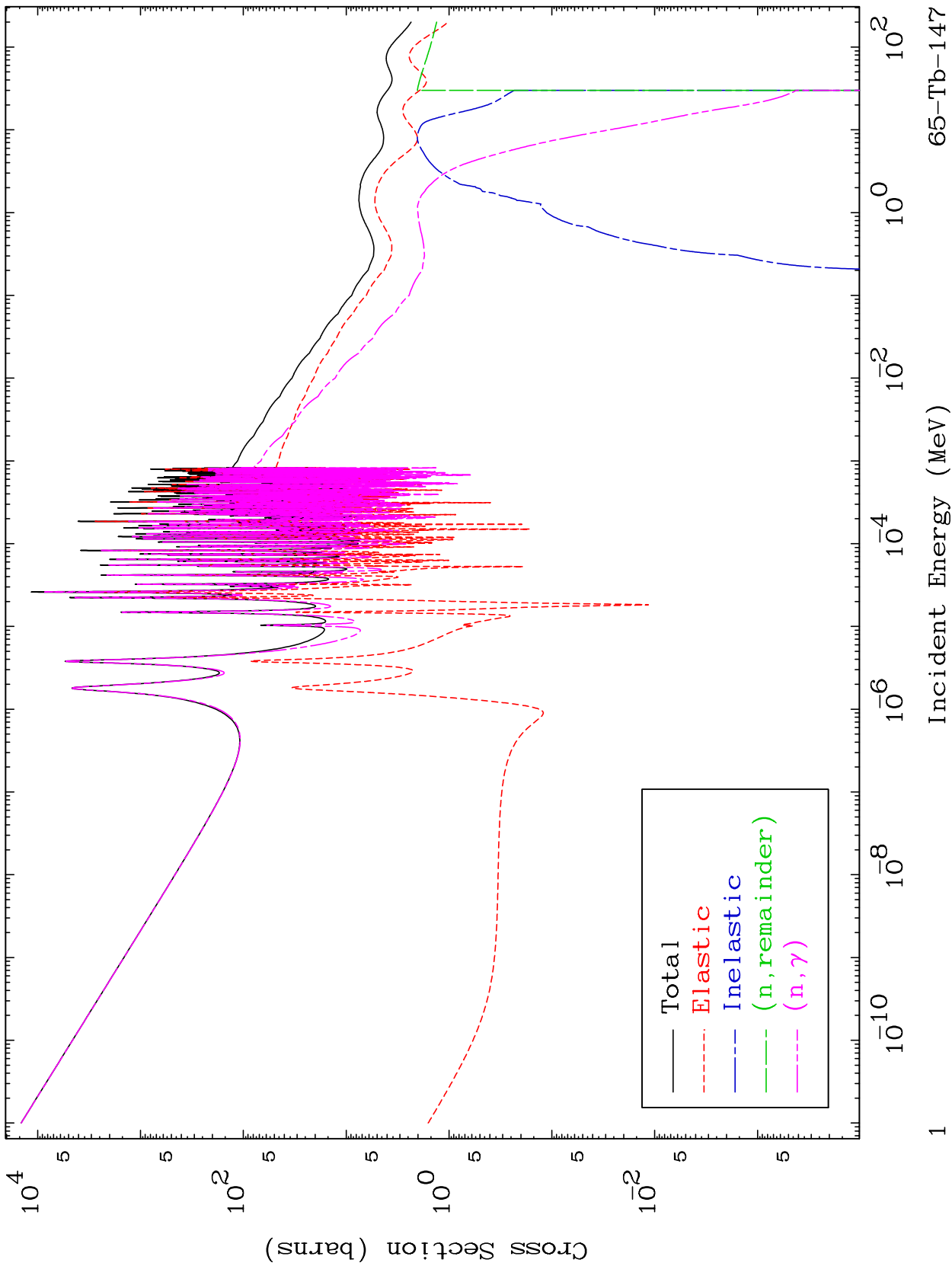
Press Mouse Button to Start

MAT 6490

Major

65-Tb-147

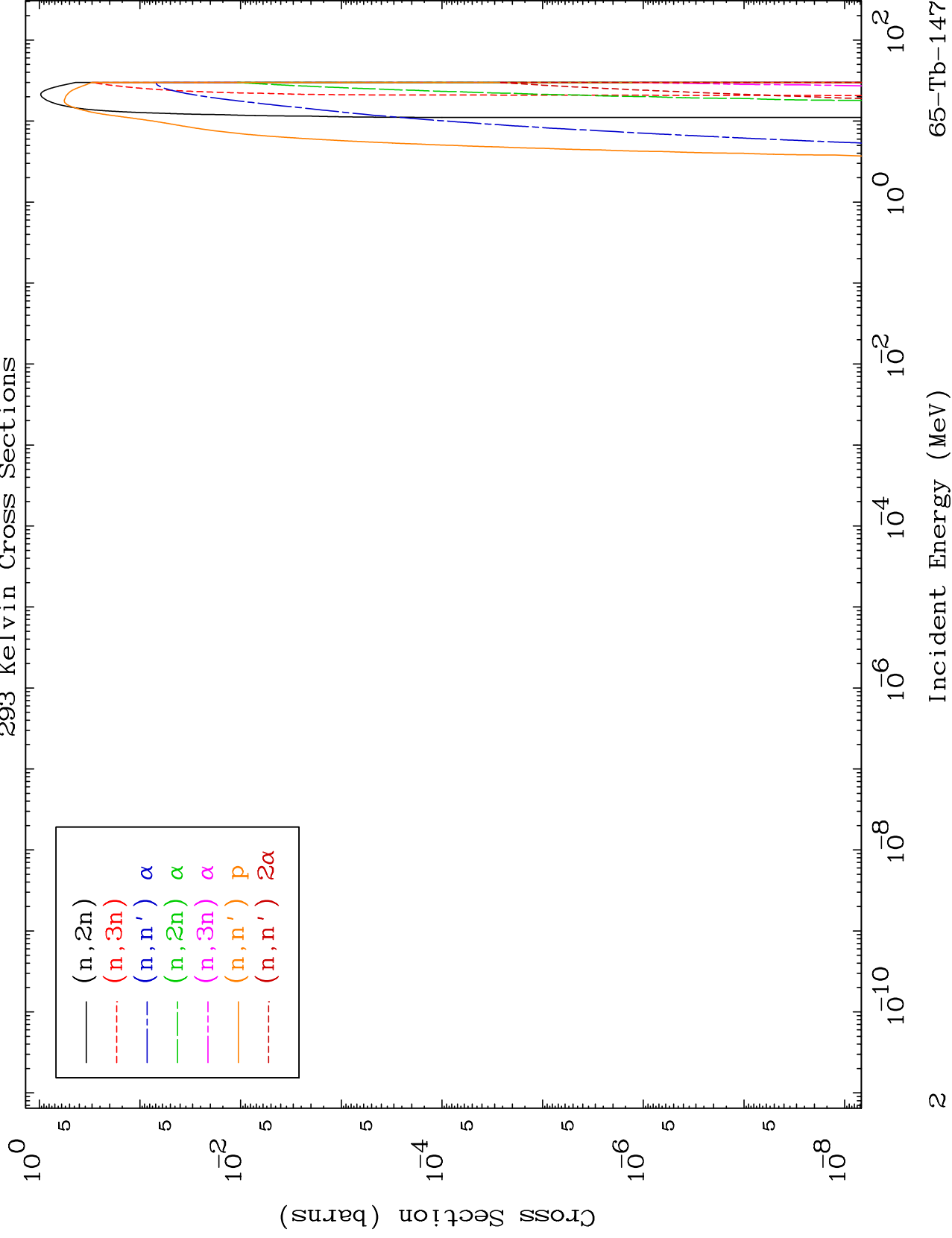
293 Kelvin Cross Sections



MAT 6490

Neutron Production
293 Kelvin Cross Sections

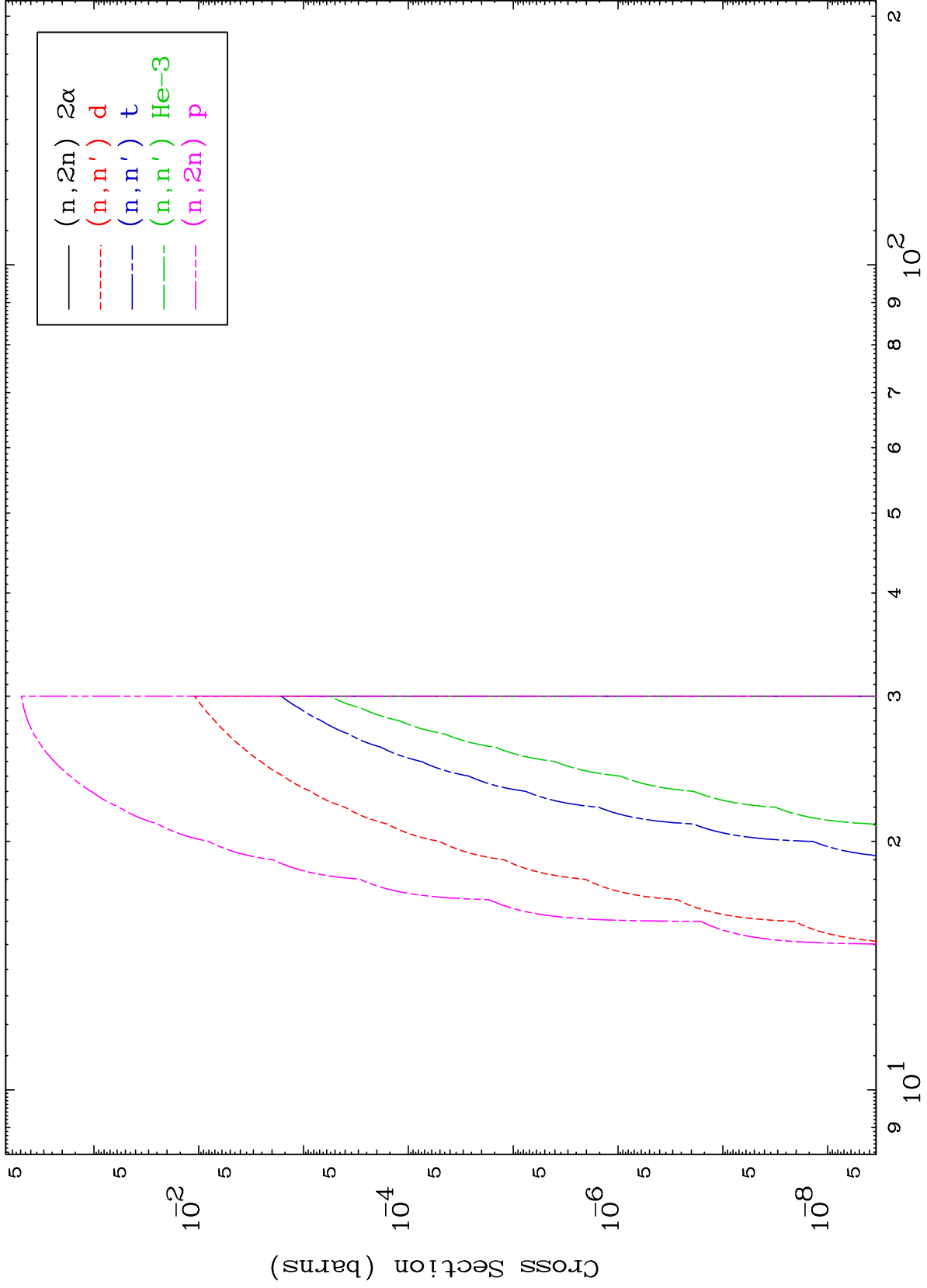
65-Tb-147



MAT 6490

Neutron Production
293 Kelvin Cross Sections

65-Tb-147



Incident Energy (MeV)

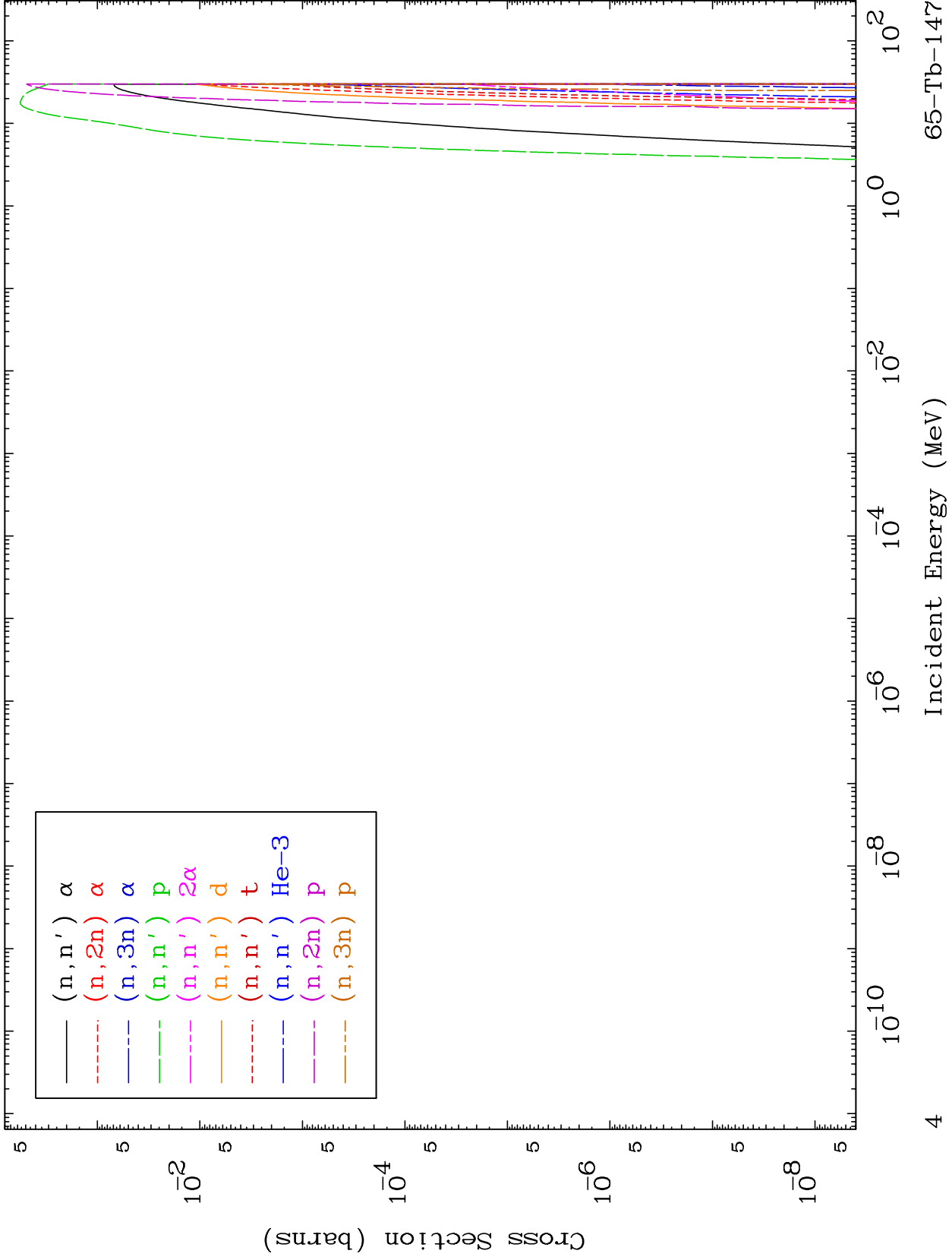
65-Tb-147

3

MAT 6490

Charged Particle
293 Kelvin Cross Sections

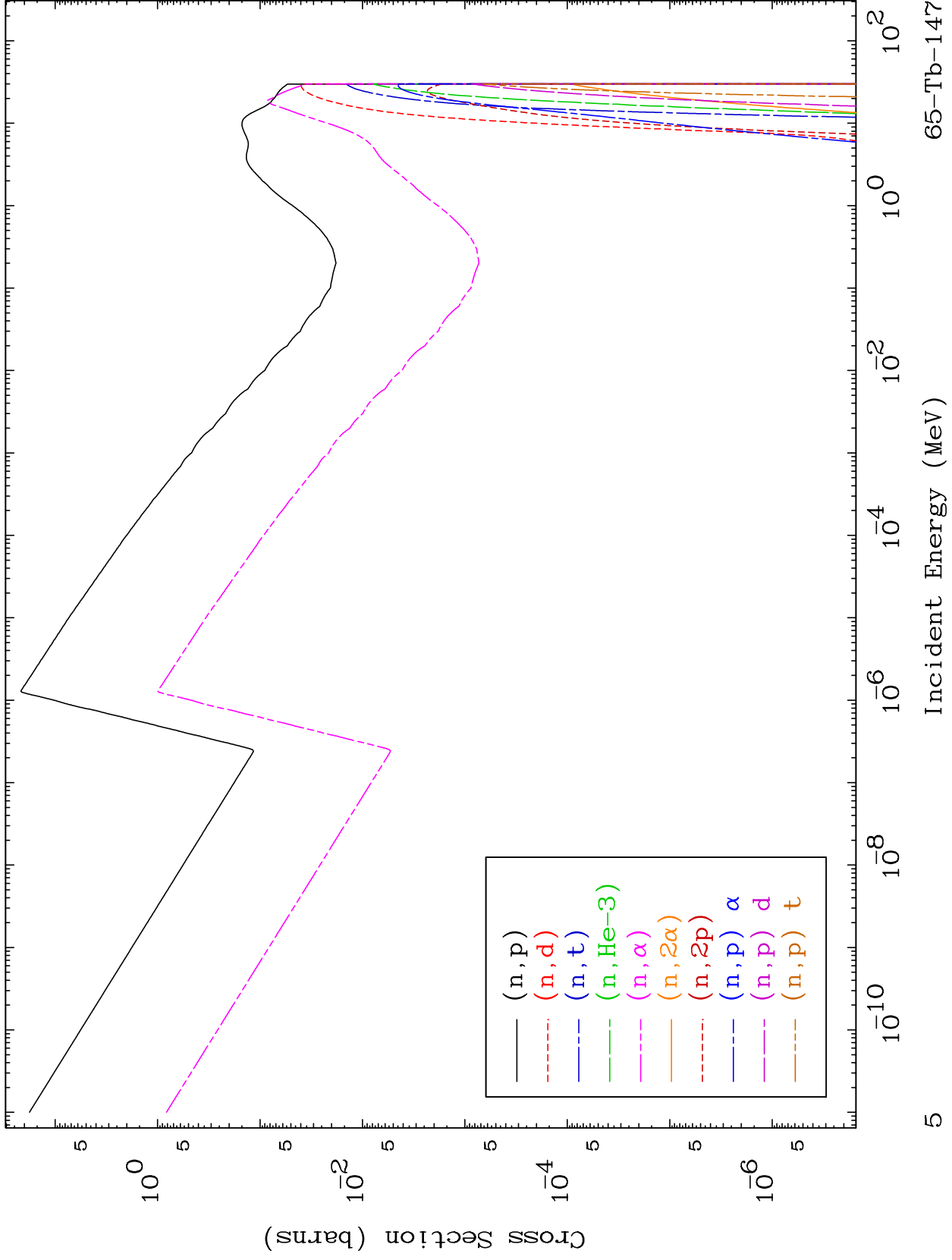
65-Tb-147



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Charged Particle
293 Kelvin Cross Sections

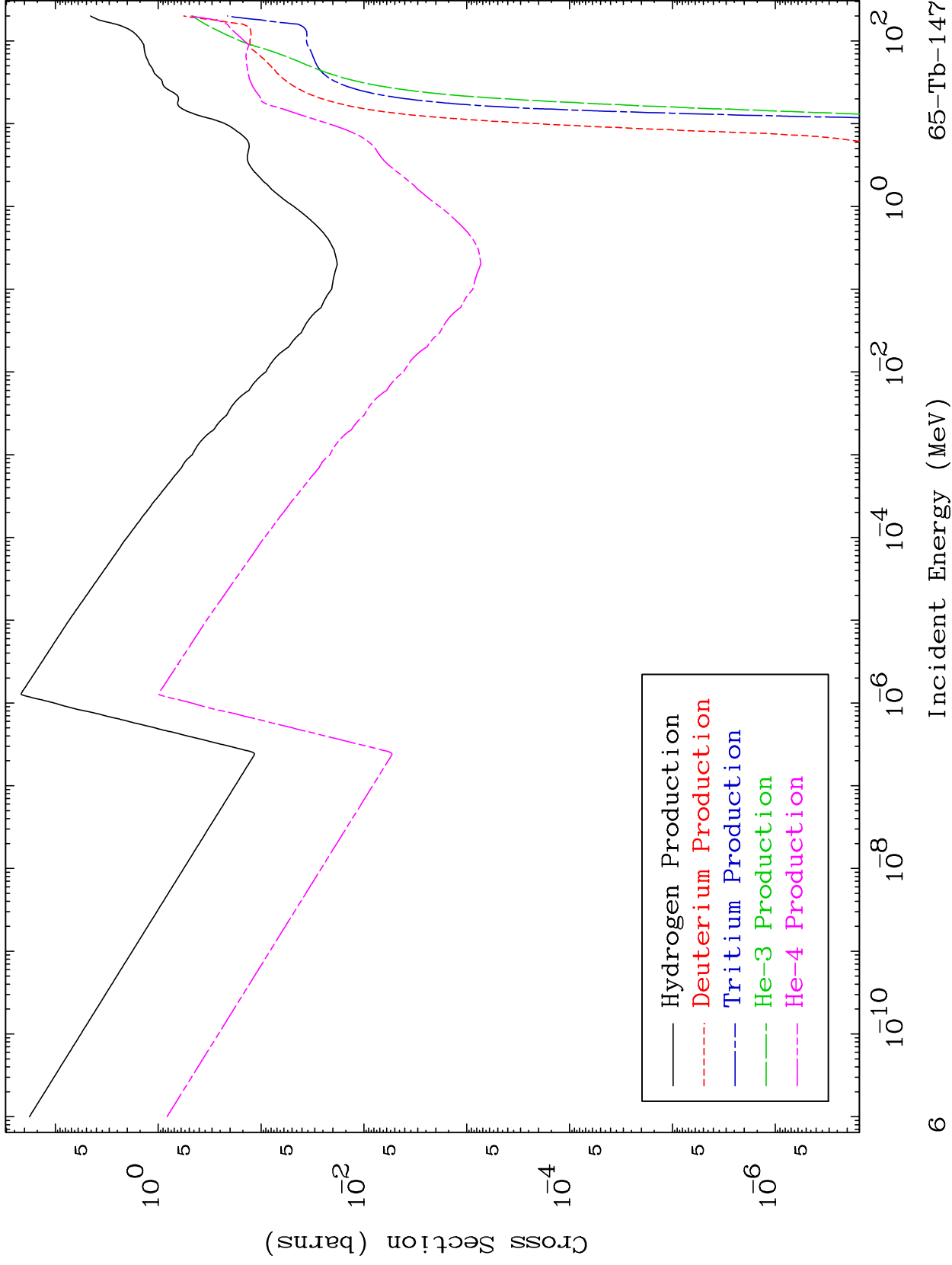
65-Tb-147



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Particle Production
293 Kelvin Cross Sections

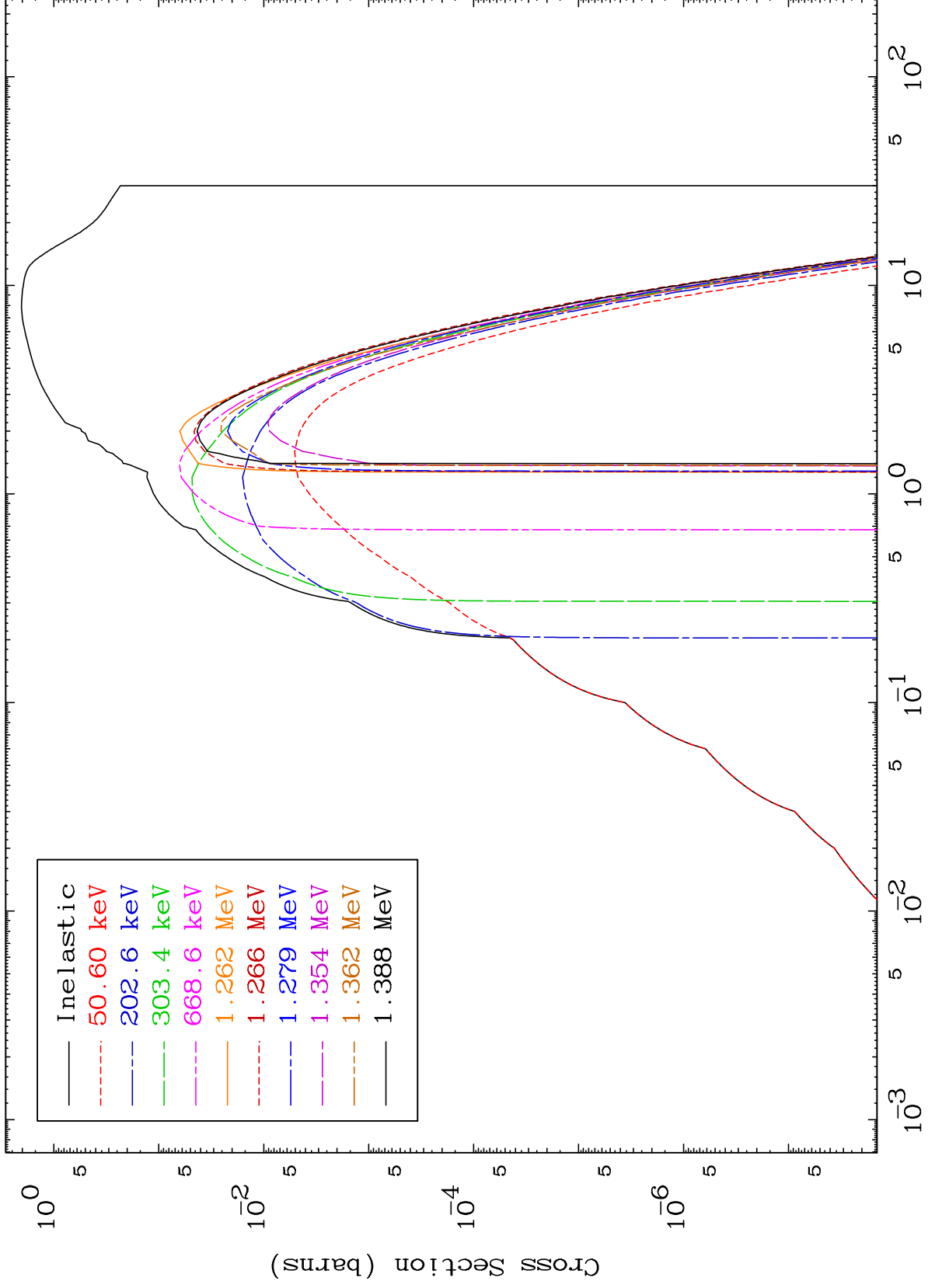
65-Tb-147



MAT 6490

(n,n') Level
293 Kelvin Cross Sections

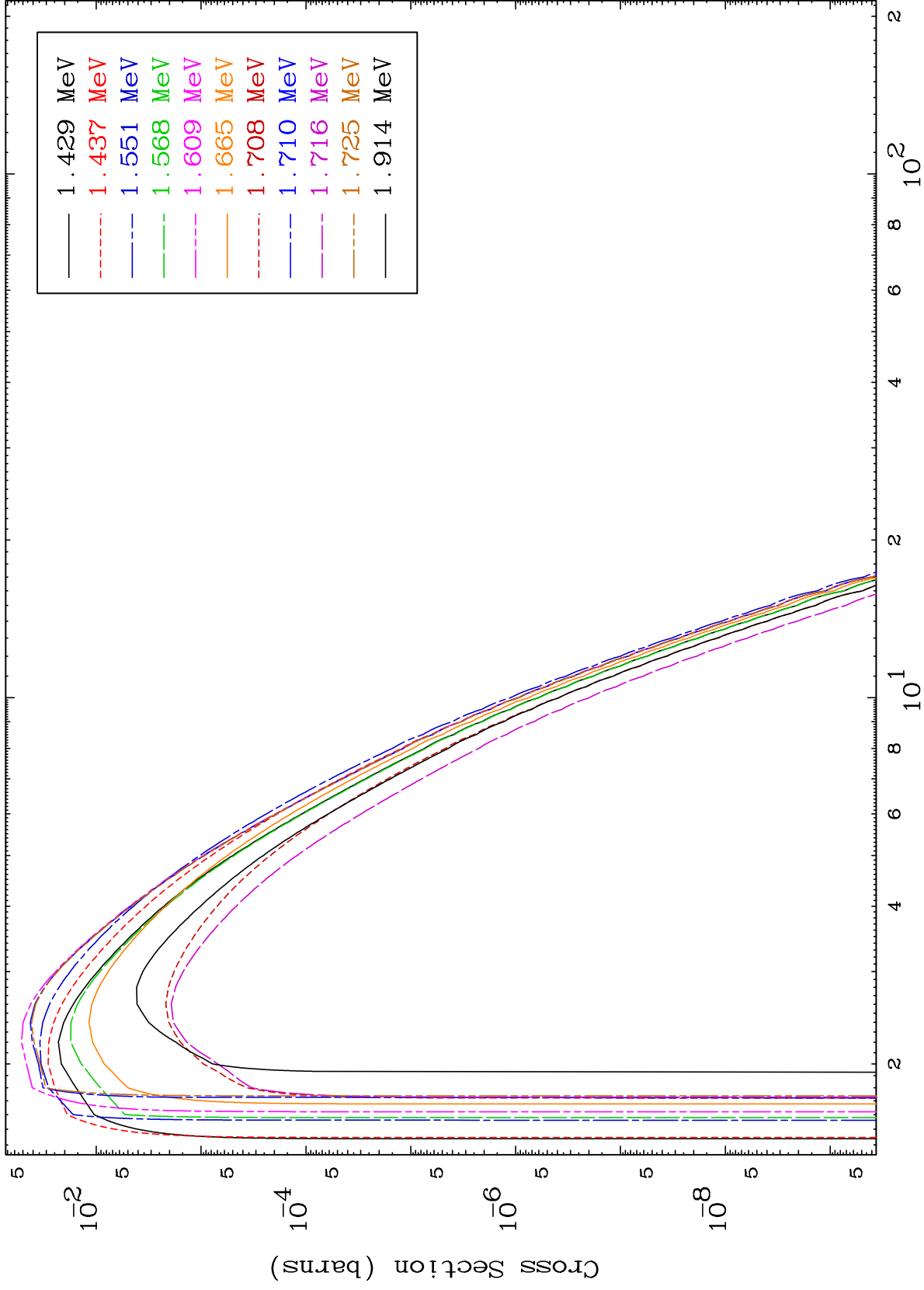
65-Tb-147



MAT 6490

(n,n') Level
293 Kelvin Cross Sections

65-Tb-147



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Incident Energy (MeV)

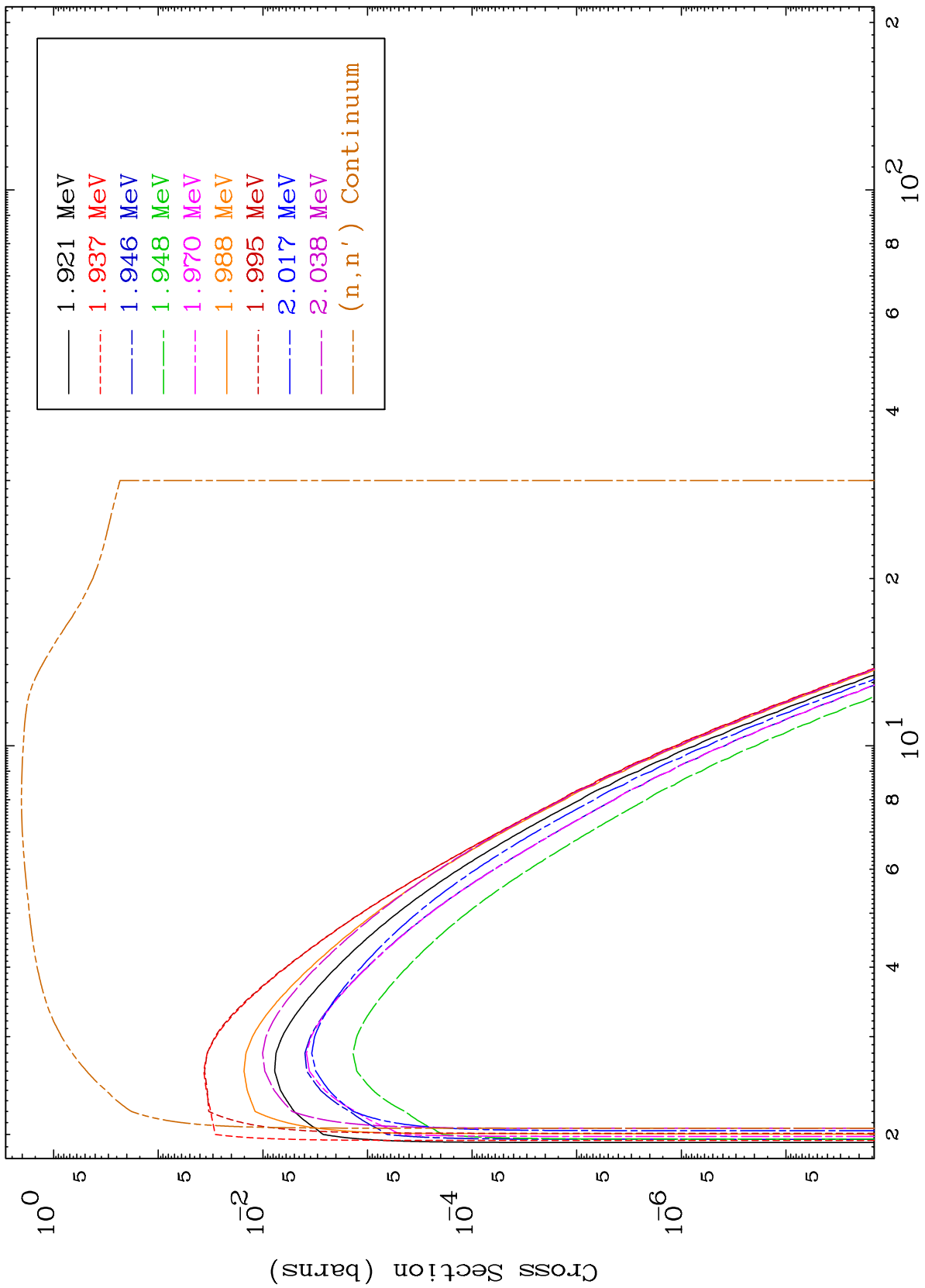
65-Tb-147

MAT 6490

(n,n') Level

65-Tb-147

293 Kelvin Cross Sections



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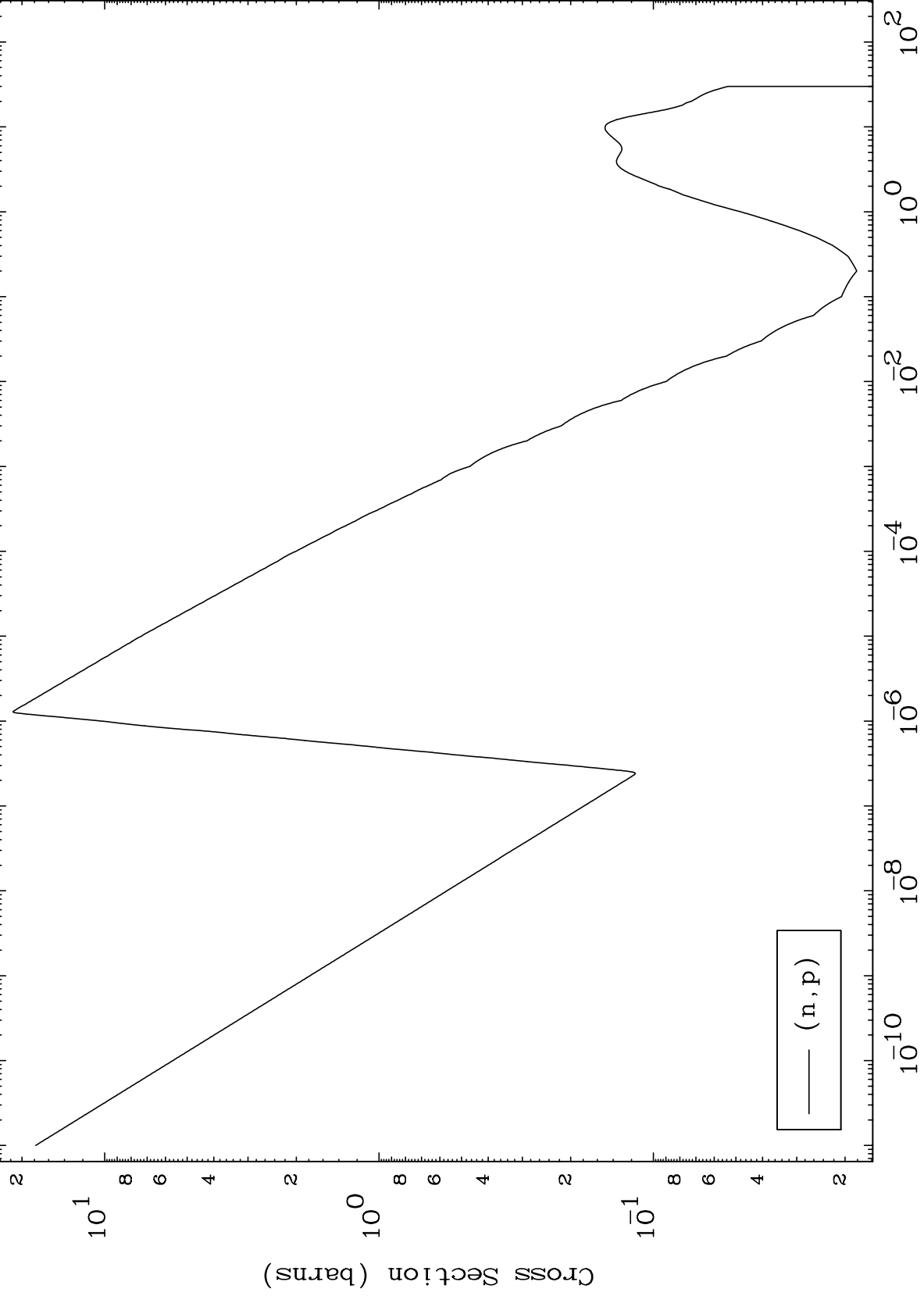
Incident Energy (MeV)

65-Tb-147

MAT 6490

(n,p) Levels
293 Kelvin Cross Sections

65-Tb-147



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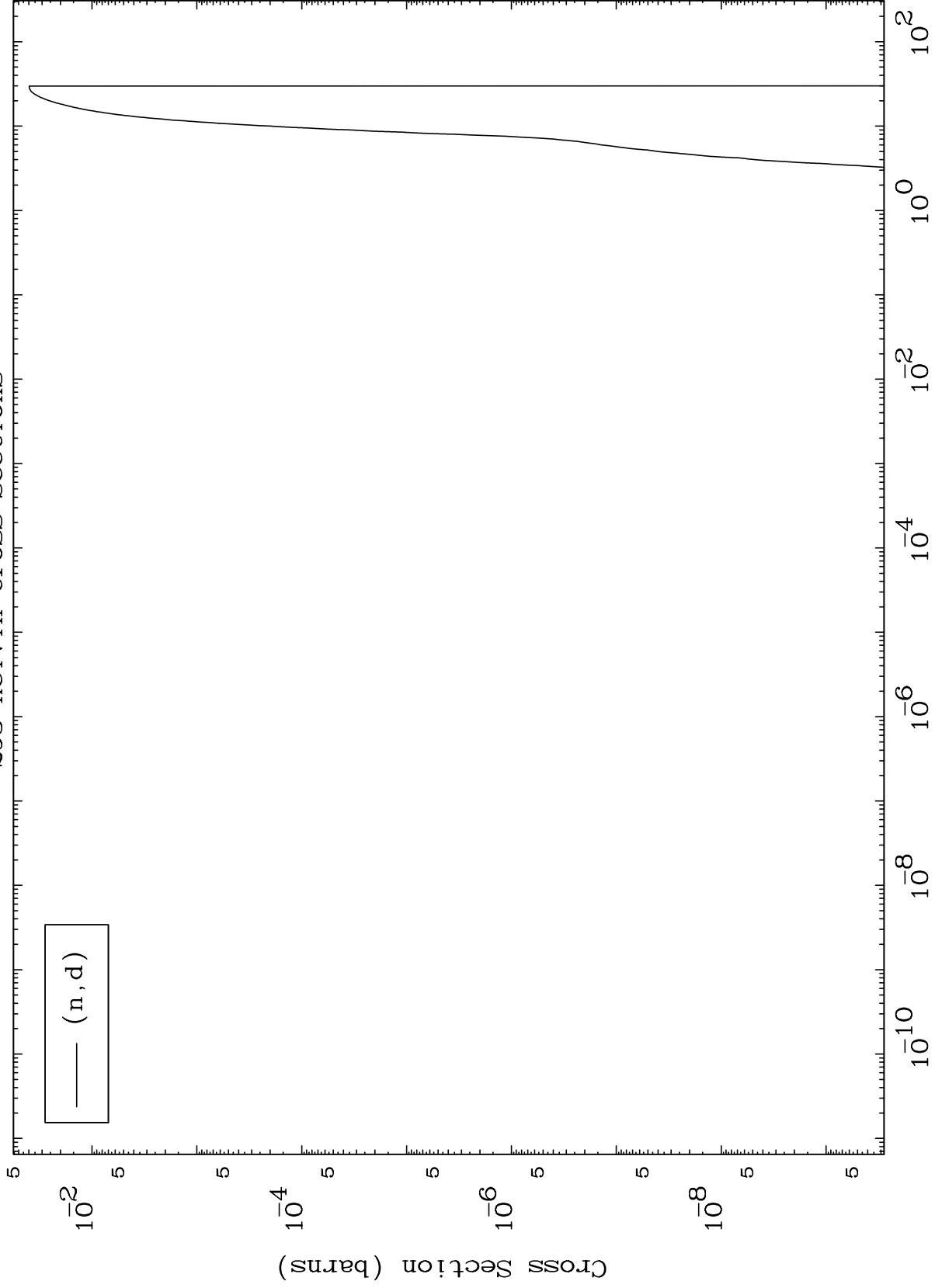
Incident Energy (MeV)

65-Tb-147

MAT 6490

(n,d) Levels
293 Kelvin Cross Sections

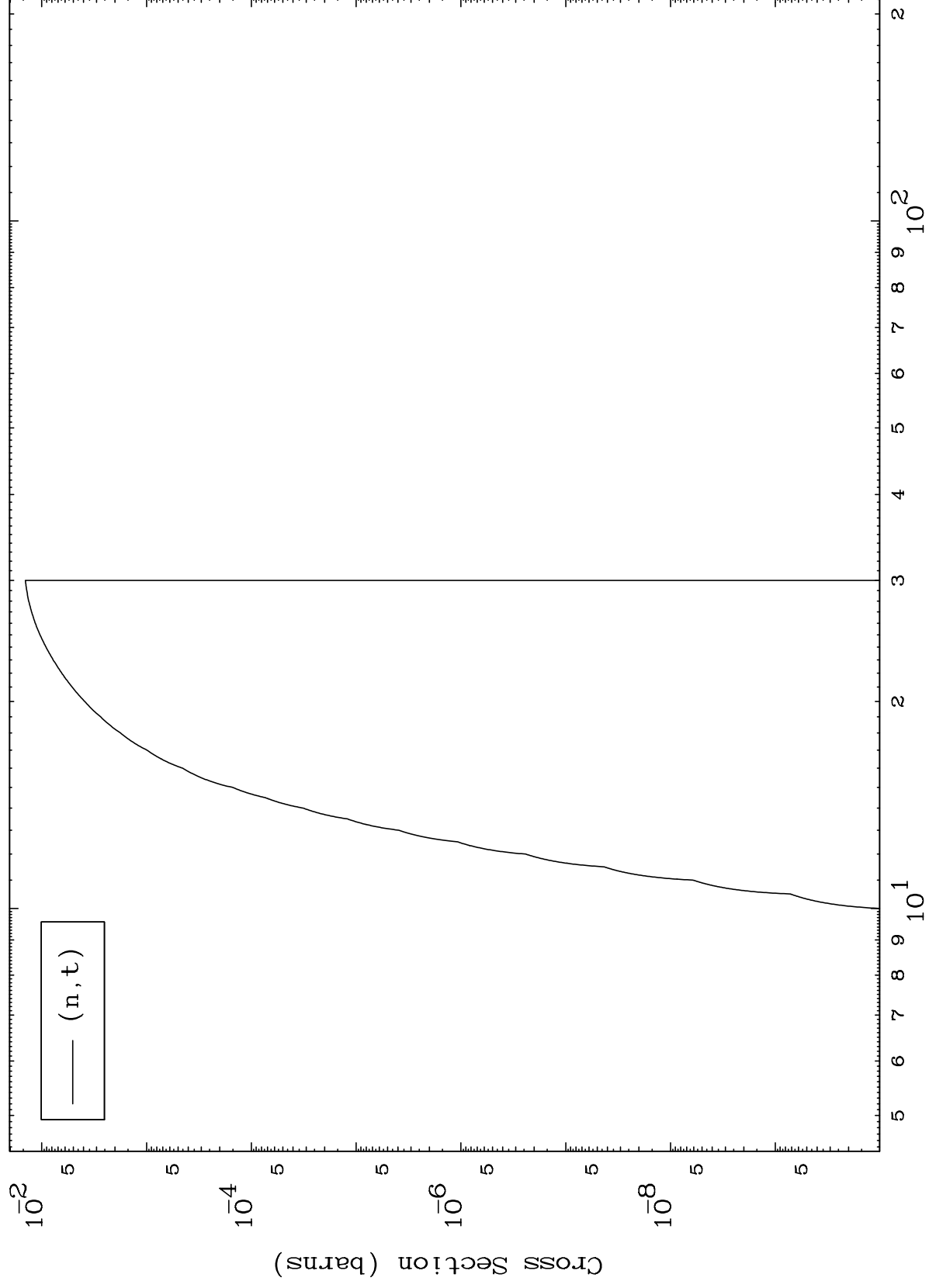
65-Tb-147



MAT 6490

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-147



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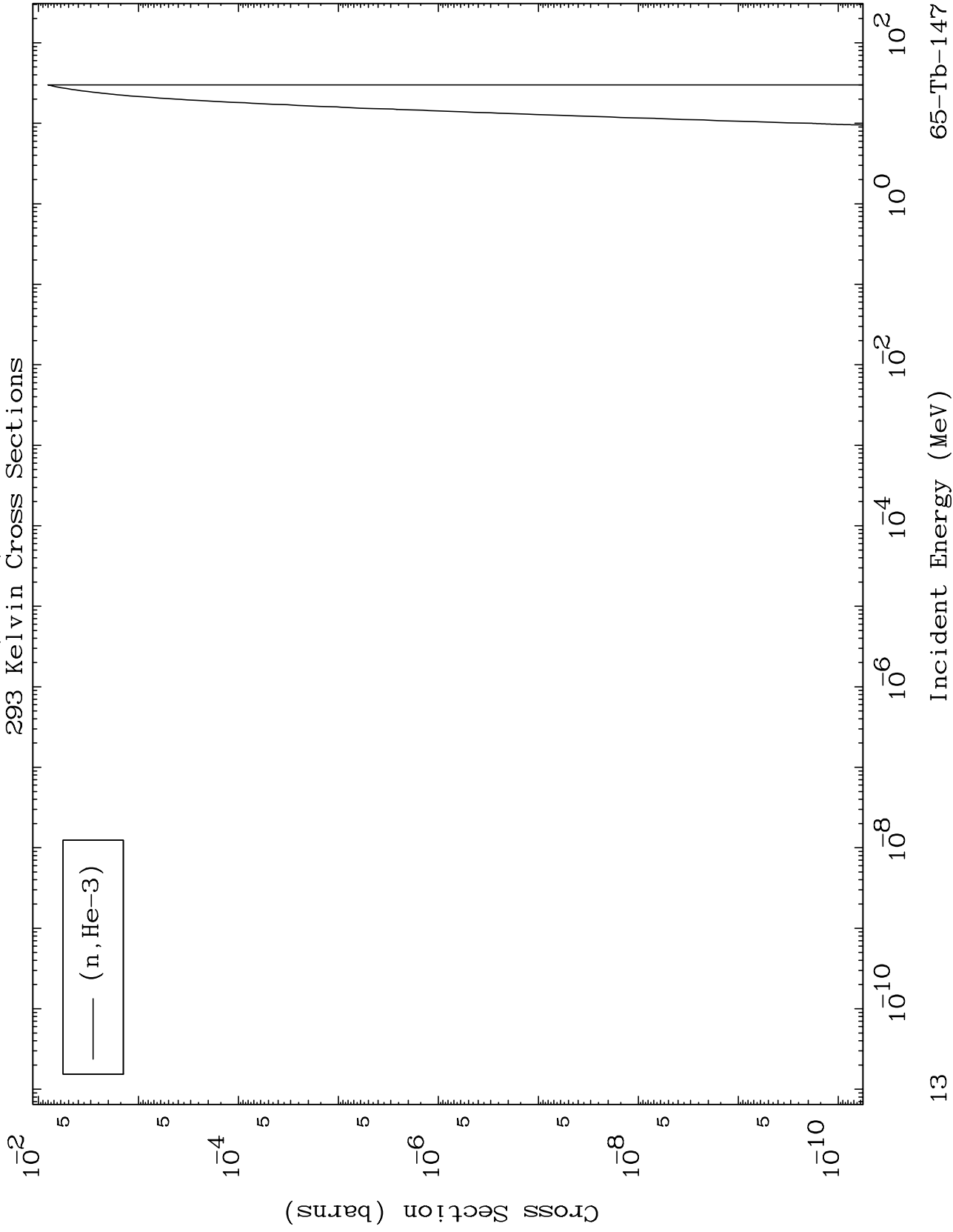
Incident Energy (MeV)

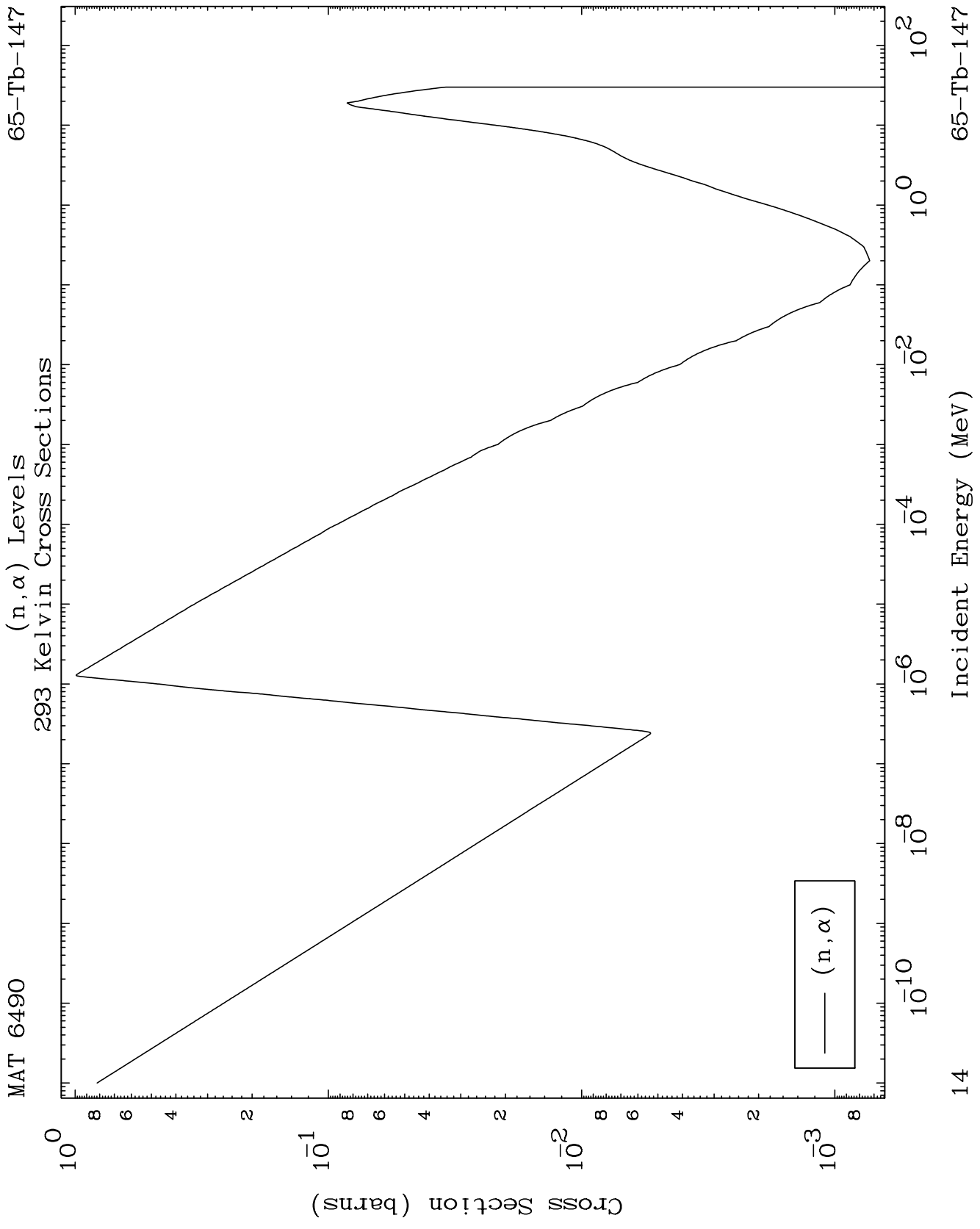
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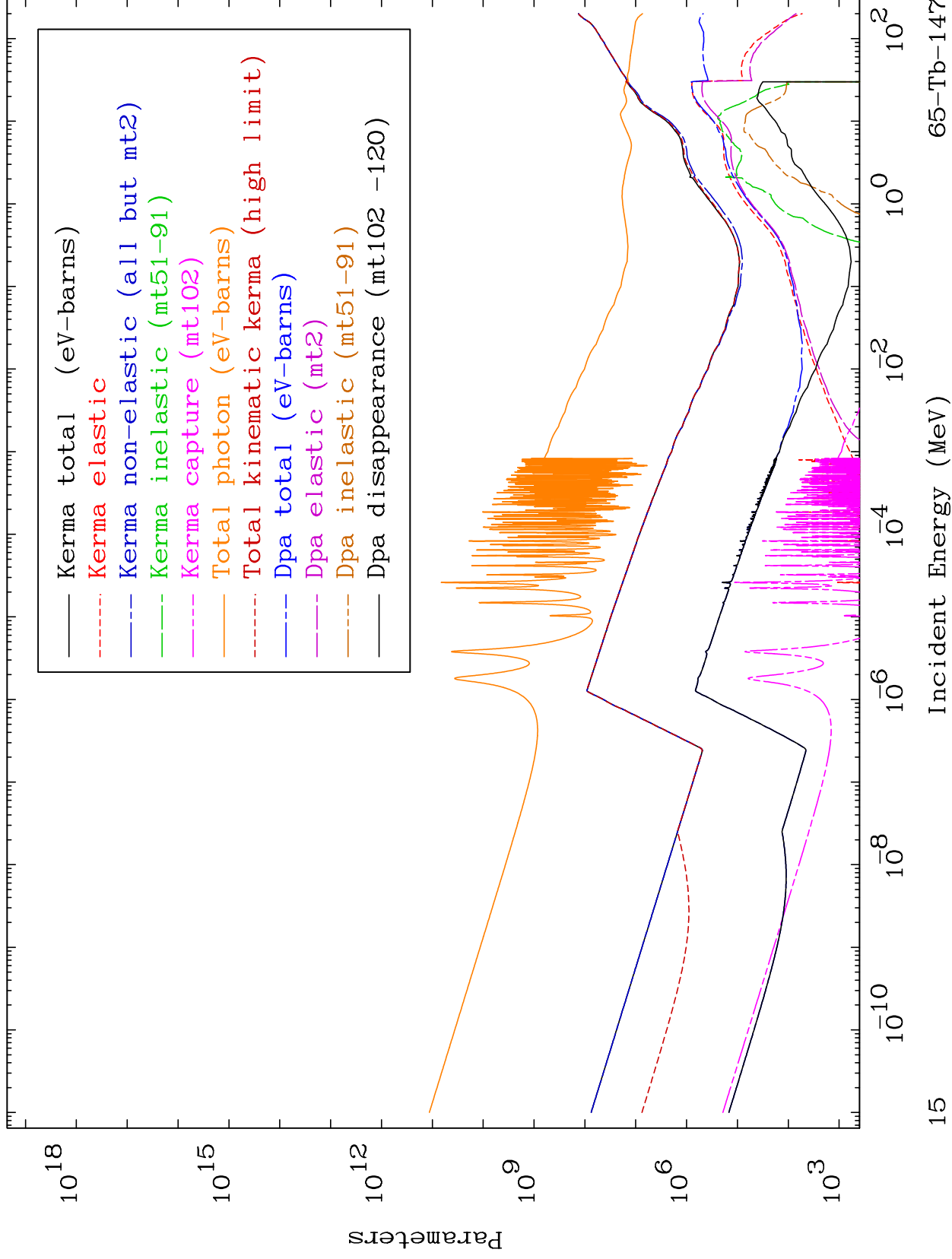
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(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-147



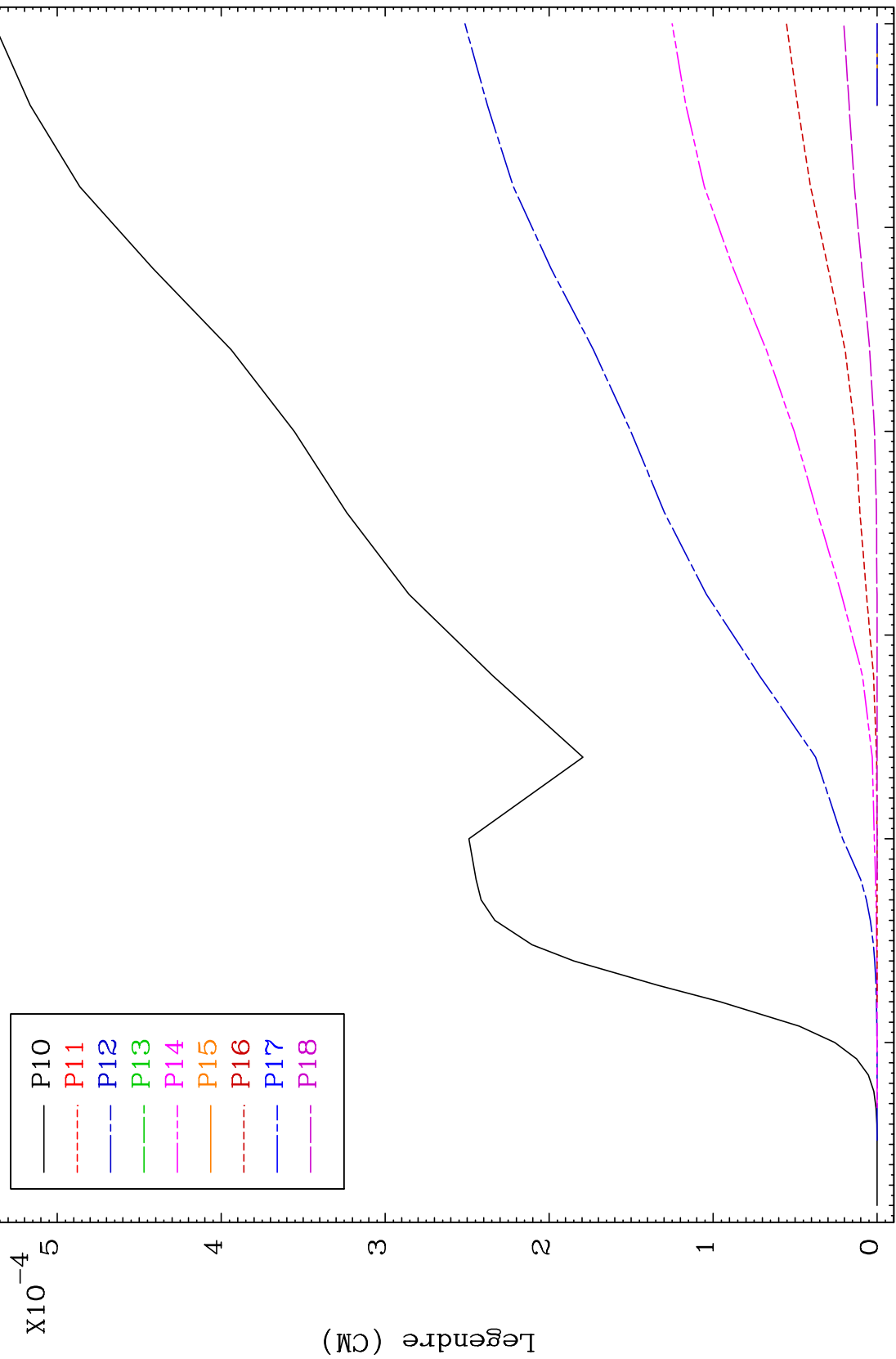
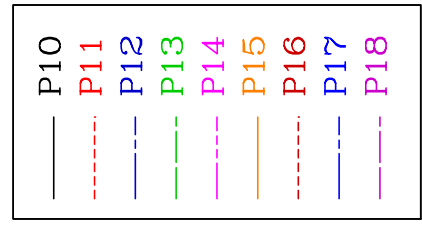




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Elastic Legendre Coefficients

65-Tb-147



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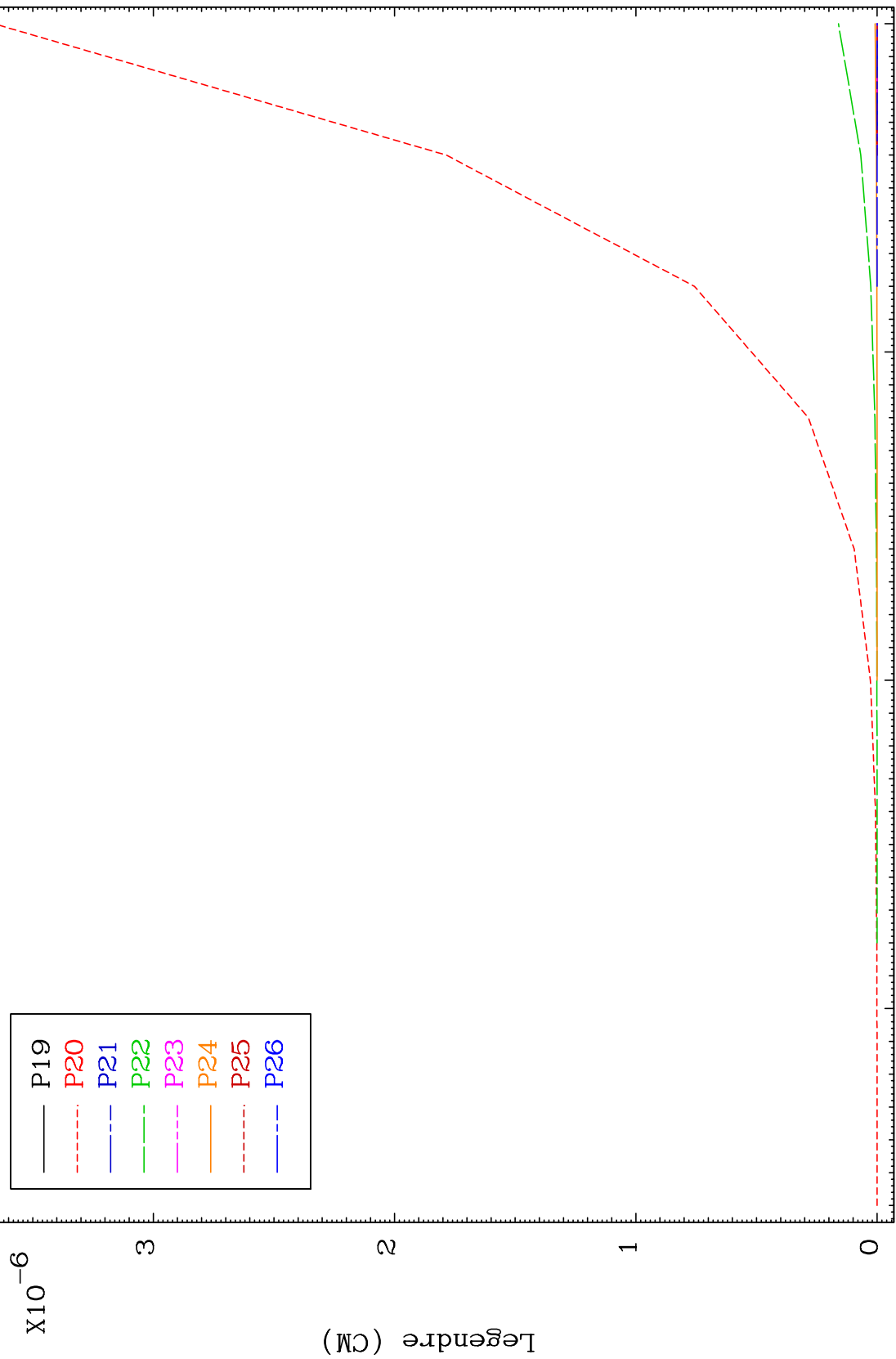
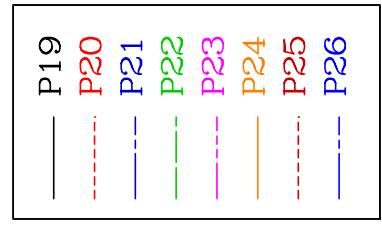
Incident Energy (MeV)

65-Tb-147

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Elastic Legendre Coefficients

65-Tb-147



18

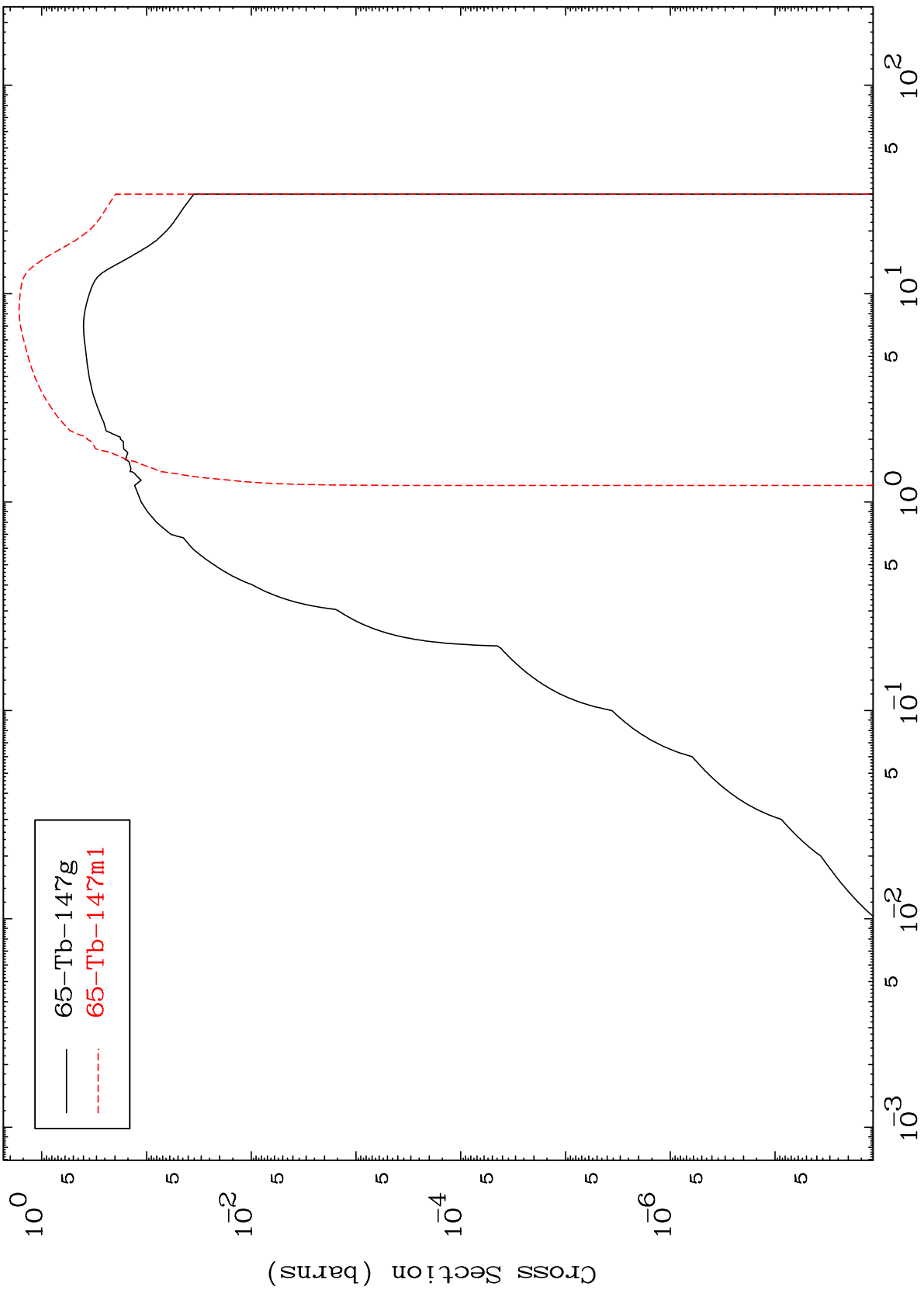
Incident Energy (MeV)

65-Tb-147

MAT 6490

65-Tb-147

Inelastic
Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

65-Tb-147

Incident Energy (MeV)

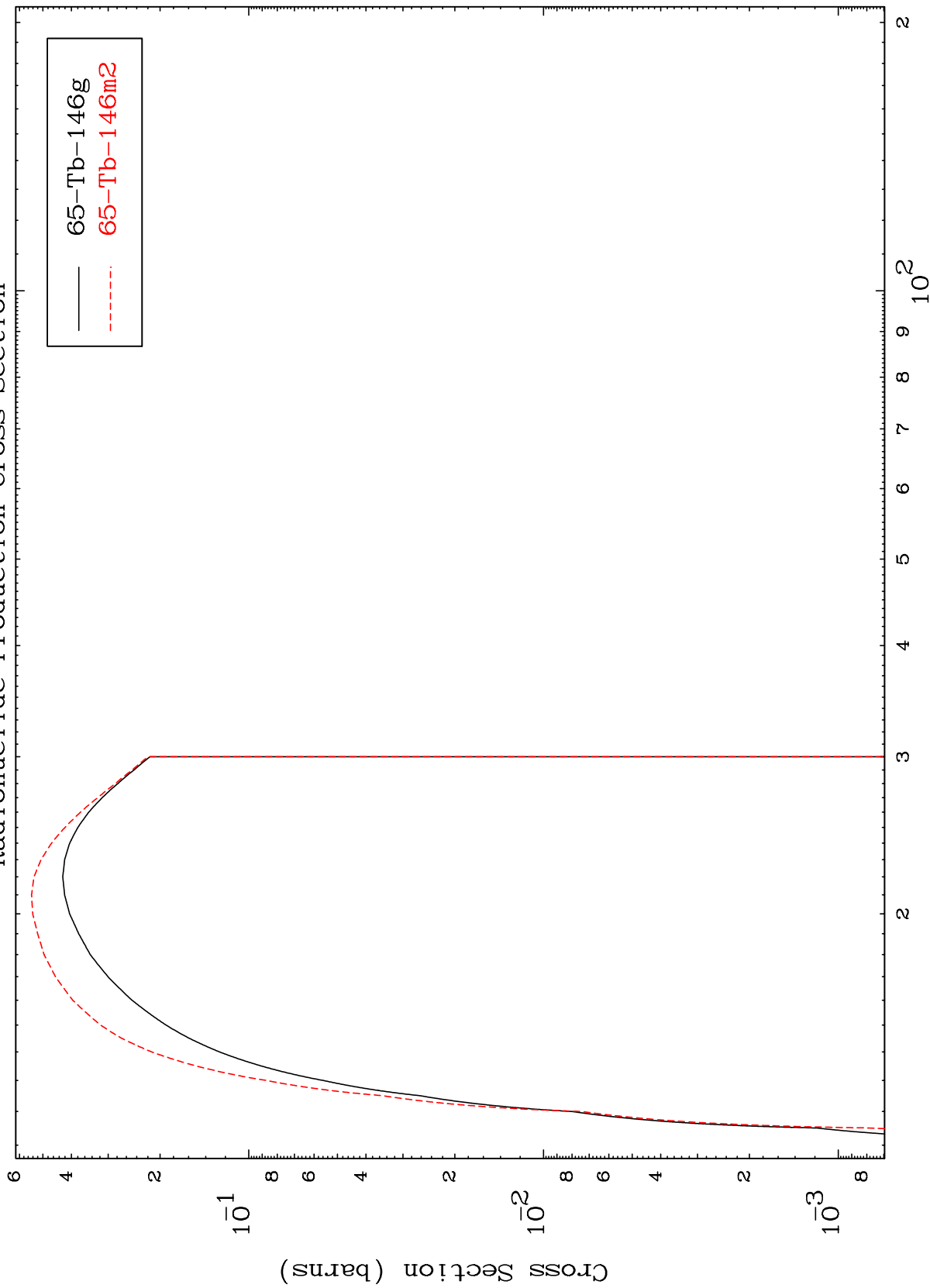
19

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65-Tb-147

(n,2n)

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-147

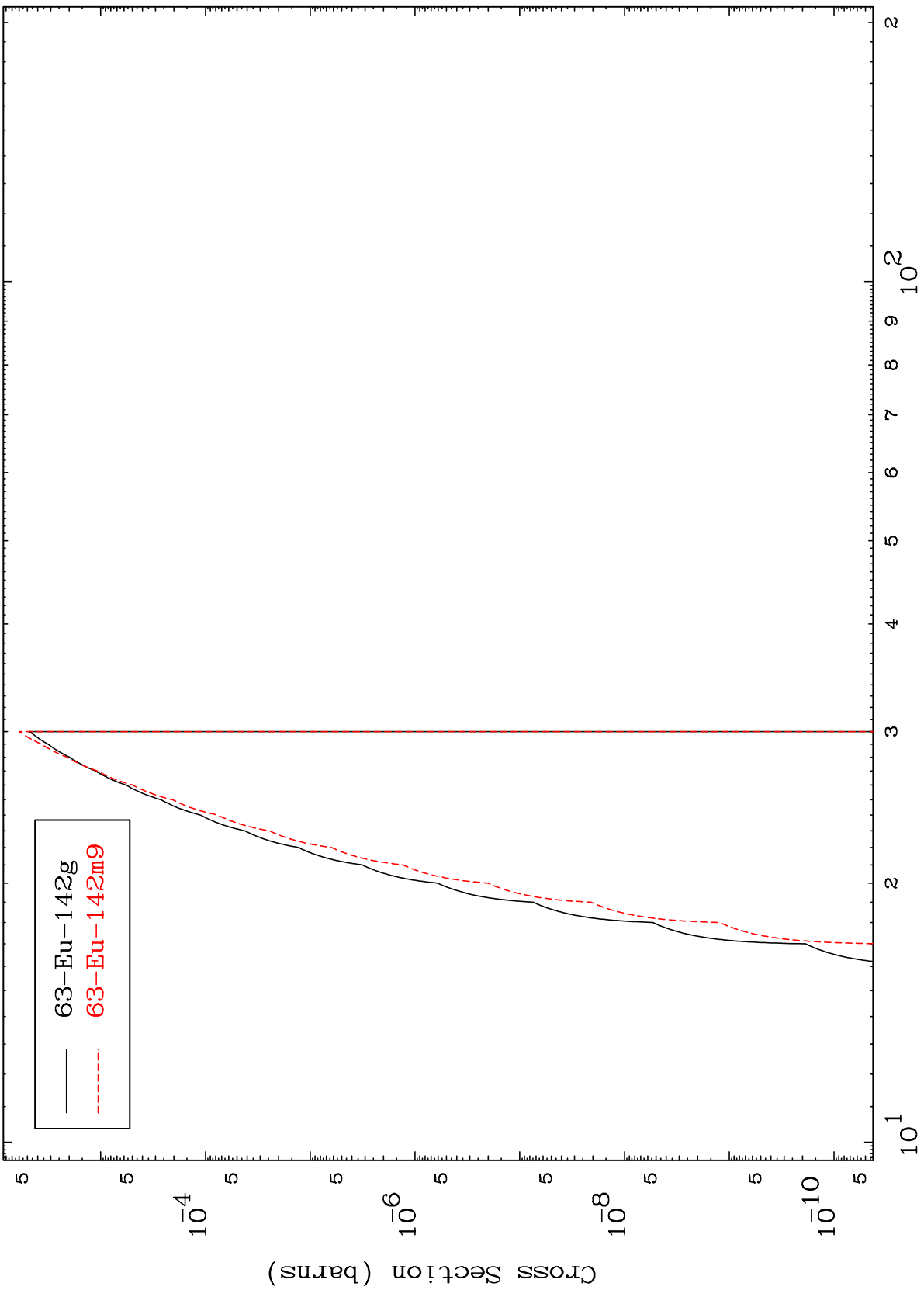
20

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(n,2n) α

65-Tb-147

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m9

Incident Energy (MeV)

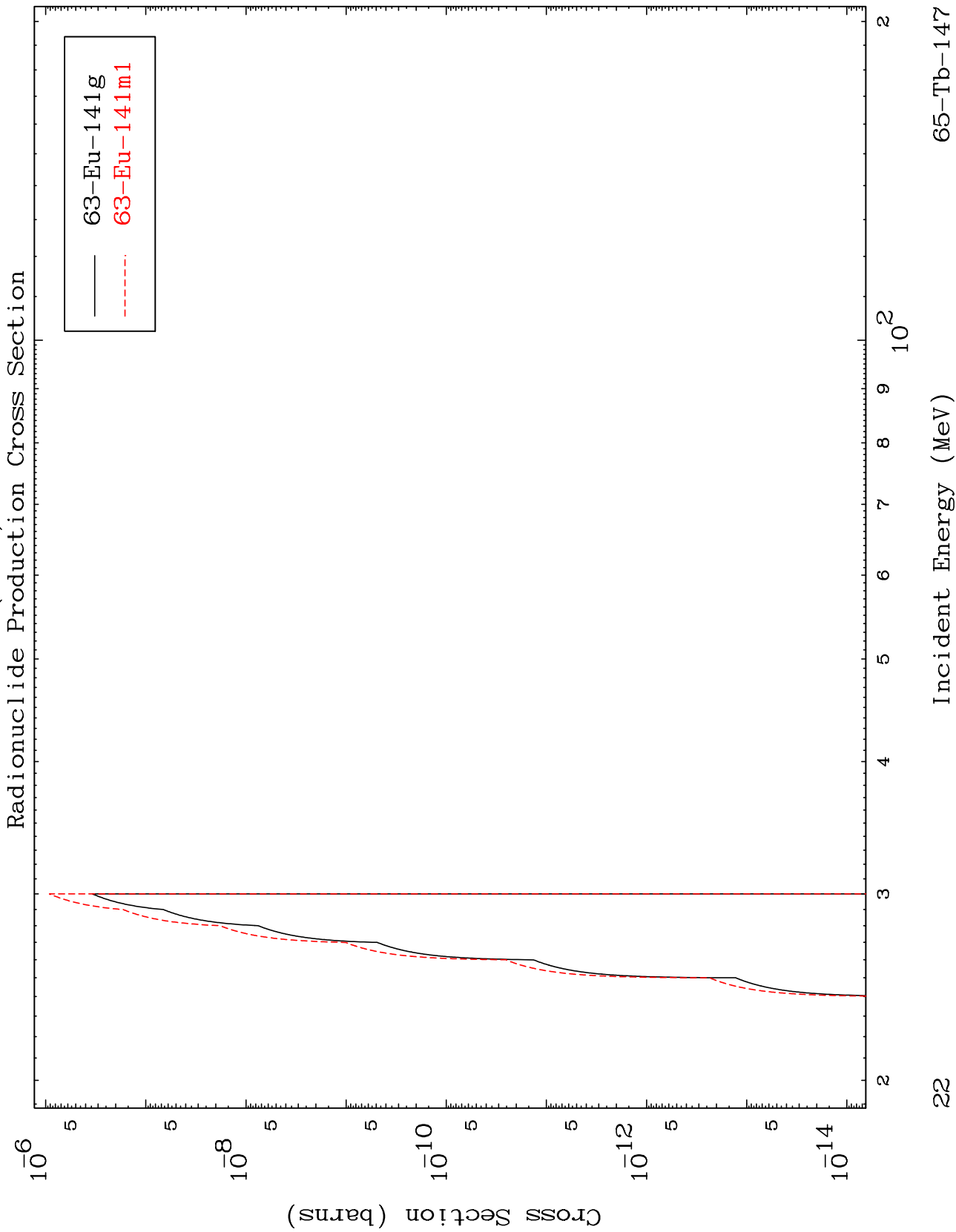
65-Tb-147

21

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(n,3n) α

65-Tb-147



22

Incident Energy (MeV)

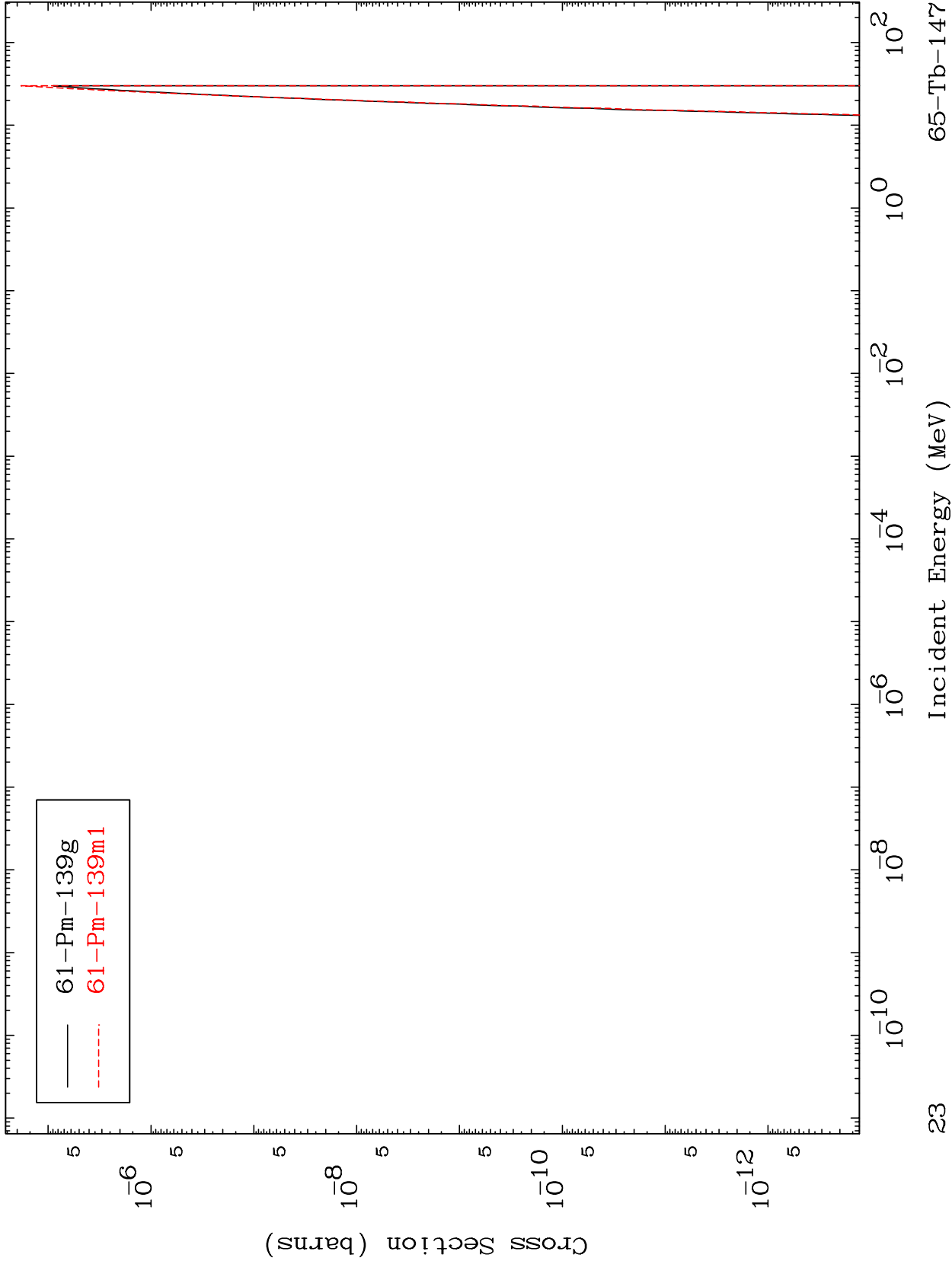
65-Tb-147

MAT 6490

(n,n') 2 α

65-Tb-147

Radionuclide Production Cross Section

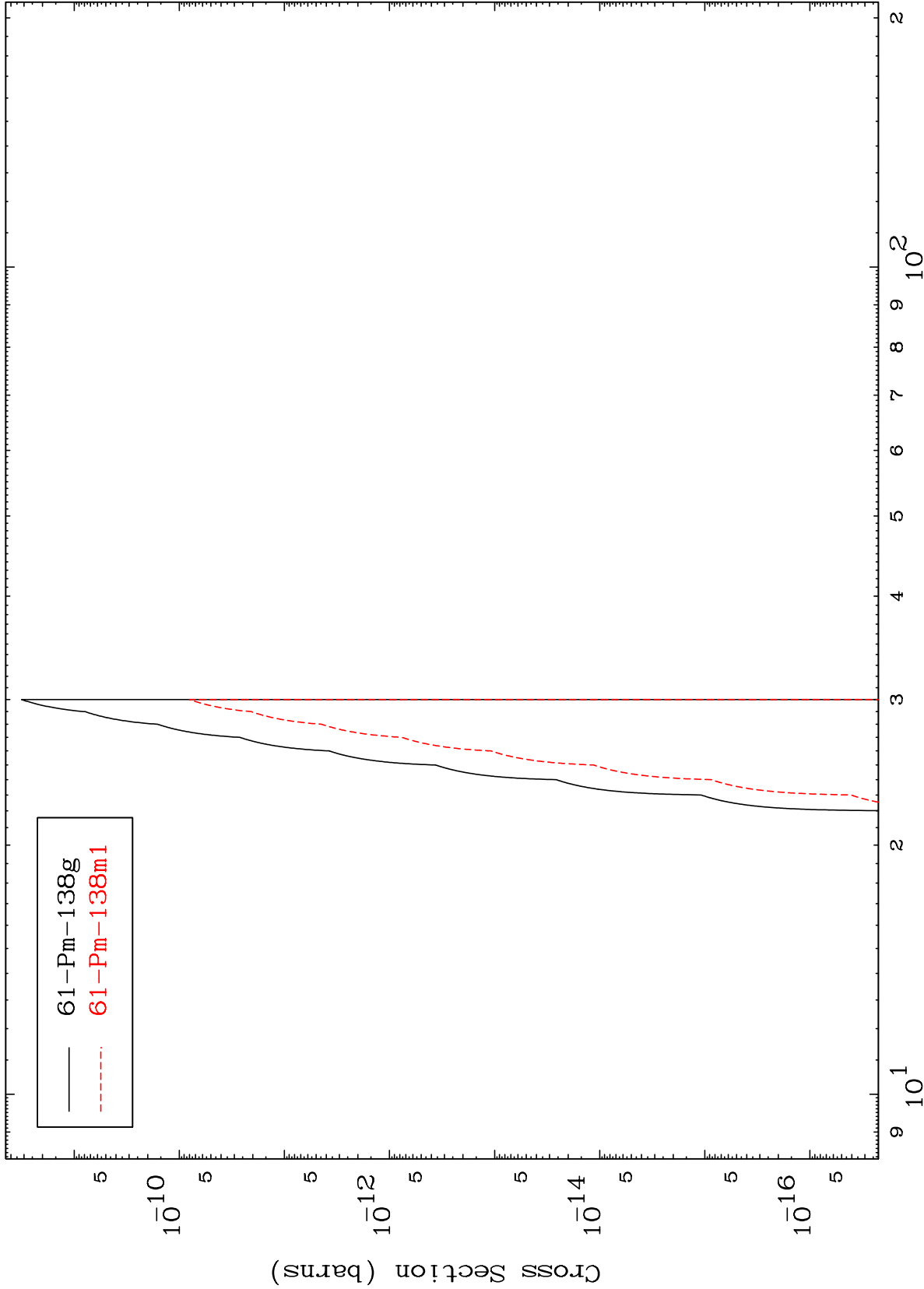


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(n,2n) 2α

65-Tb-147

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

24

Incident Energy (MeV)

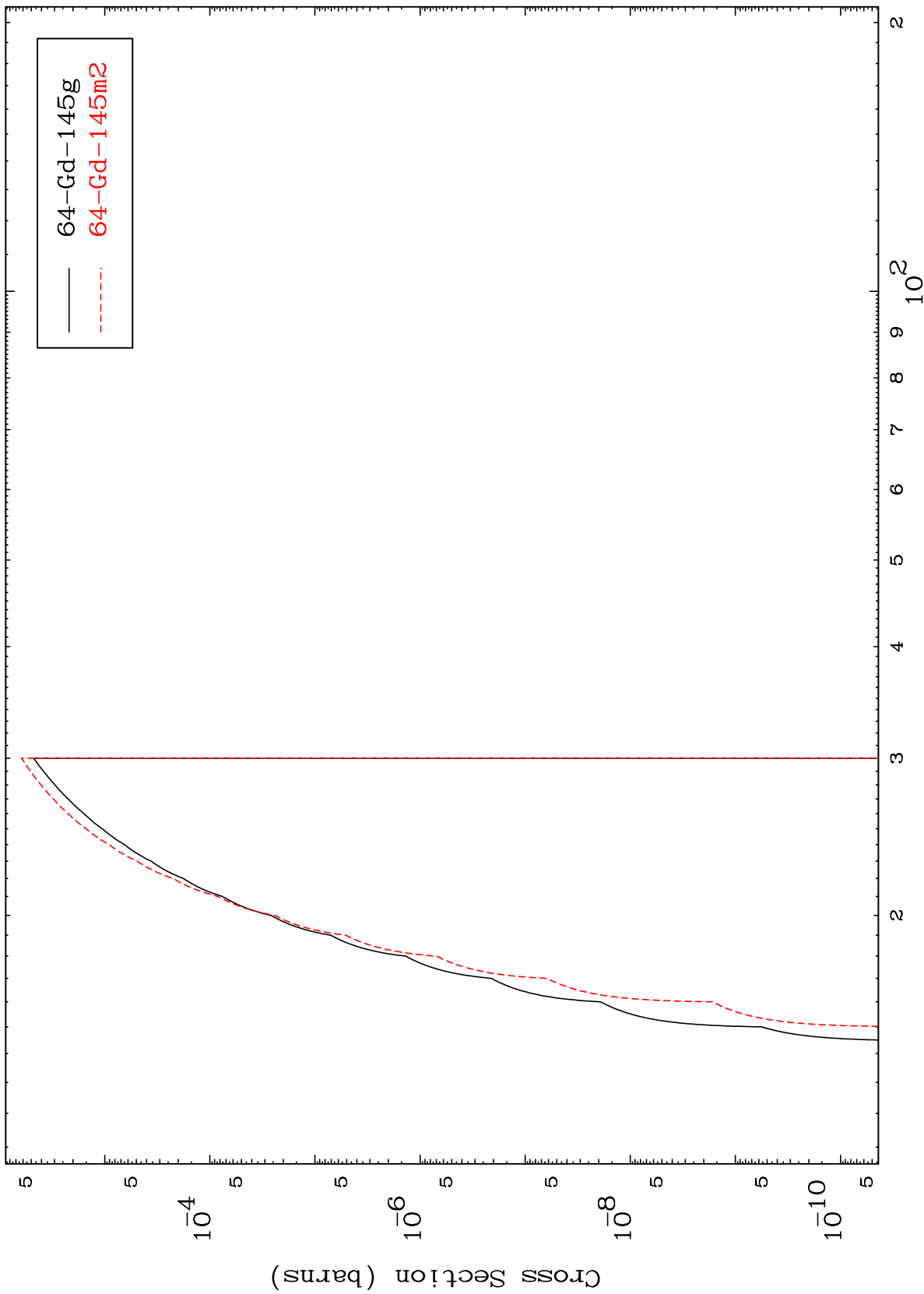
65-Tb-147

MAT 6490

(n,n') d

65-Tb-147

Radionuclide Production Cross Section

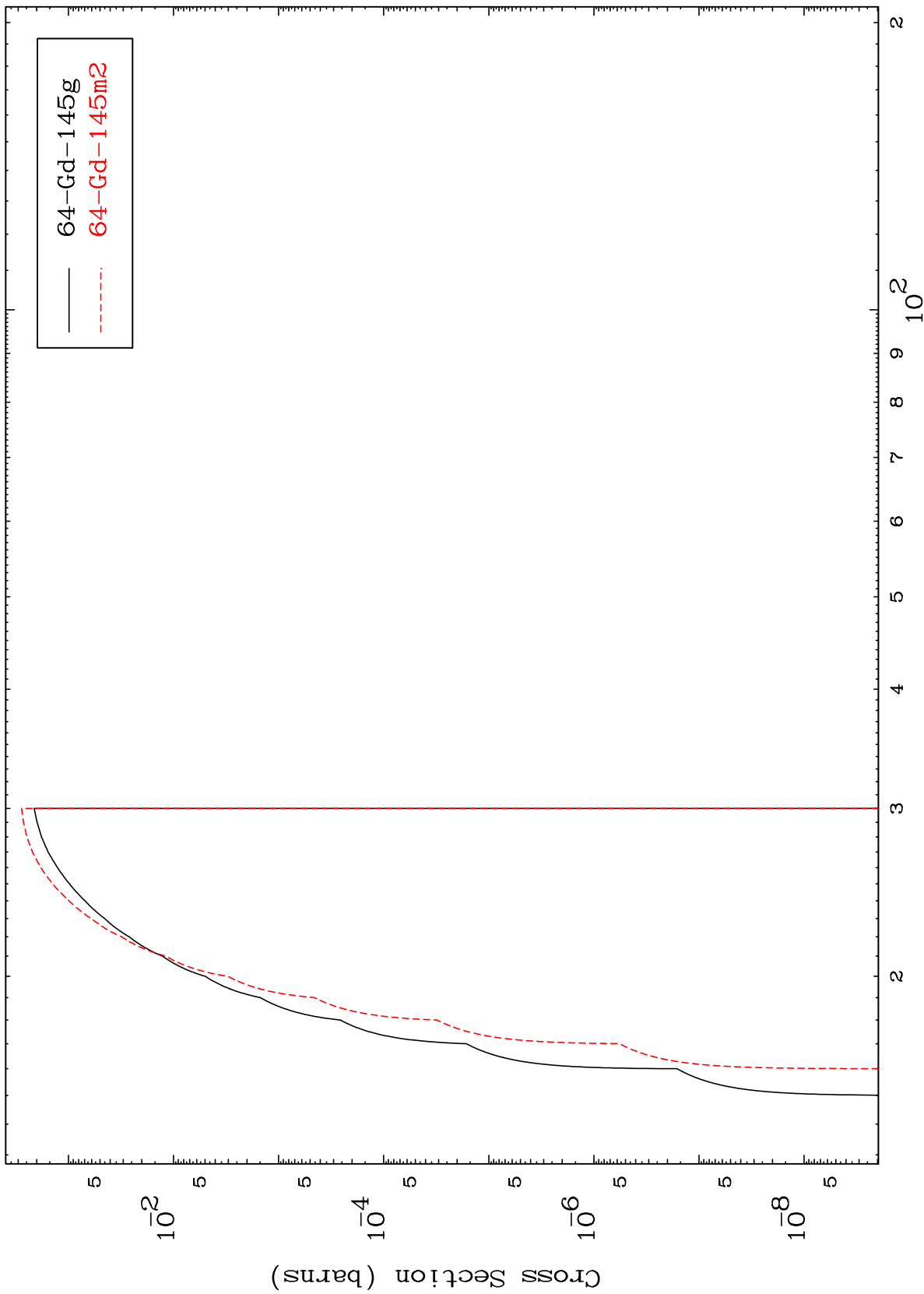


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Incident Energy (MeV)

65-Tb-147

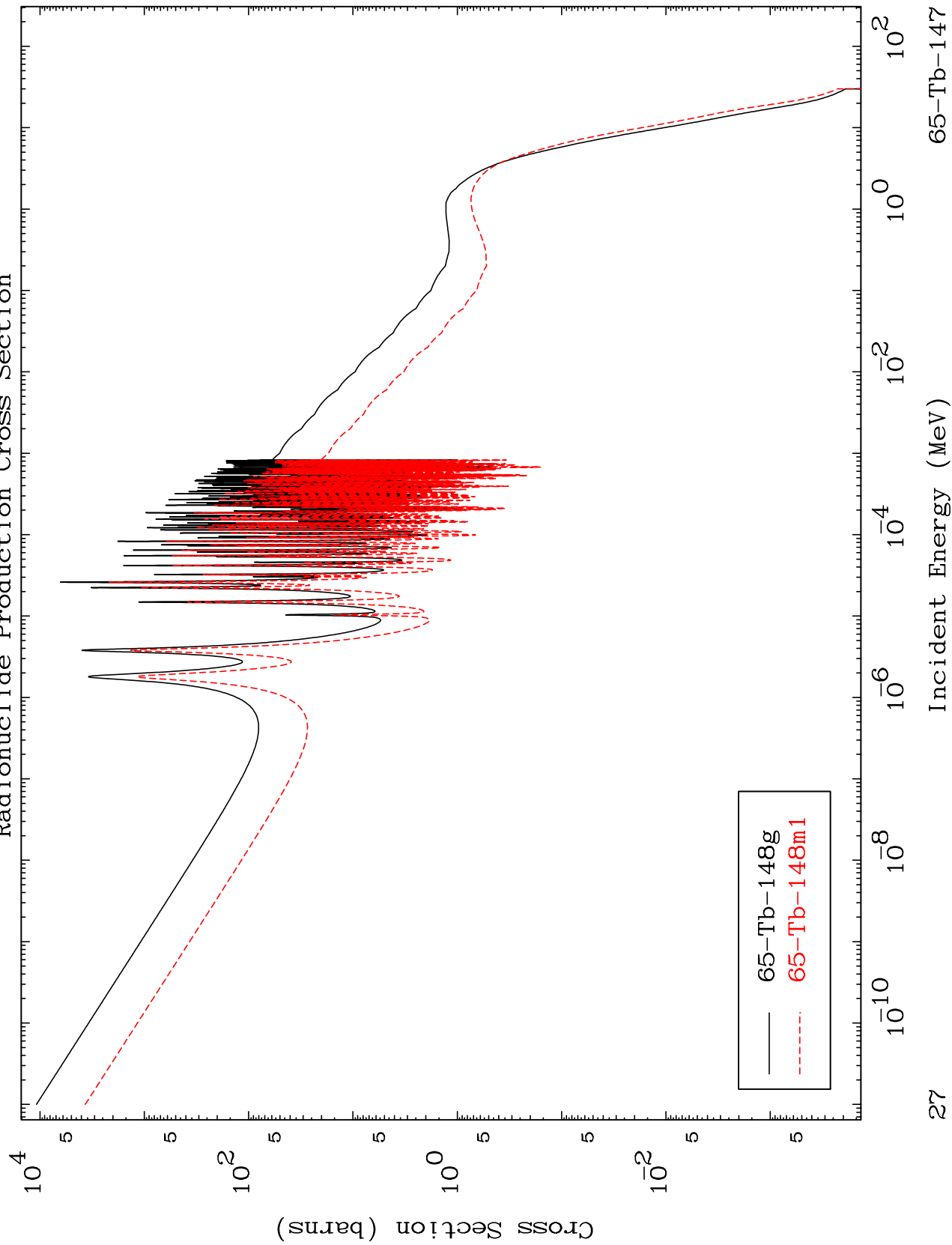
Radionuclide Production Cross Section



MAT 6490

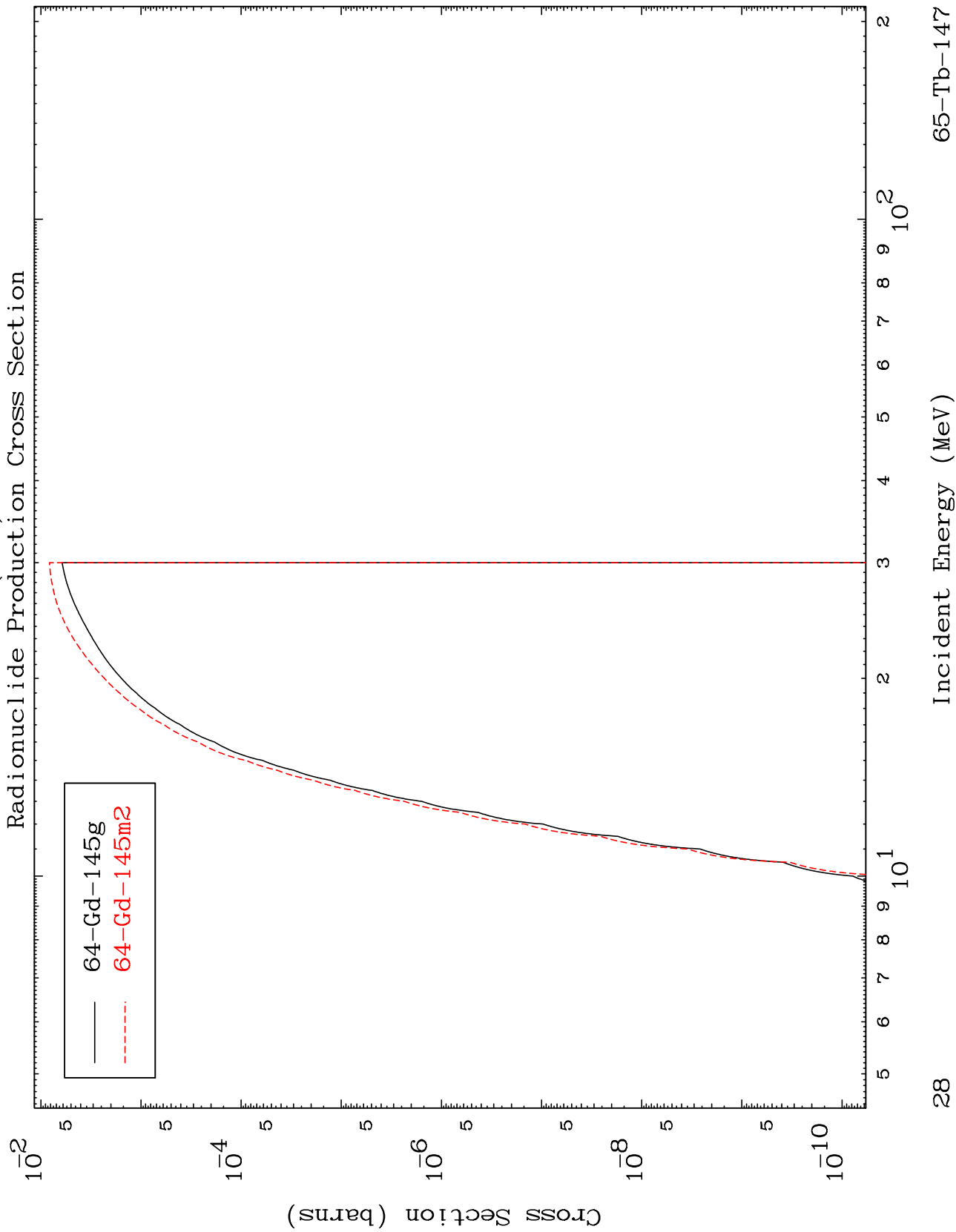
$^{65}\text{Tb-147}$

(n,γ)
Radionuclide Production Cross Section



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65-Tb-147



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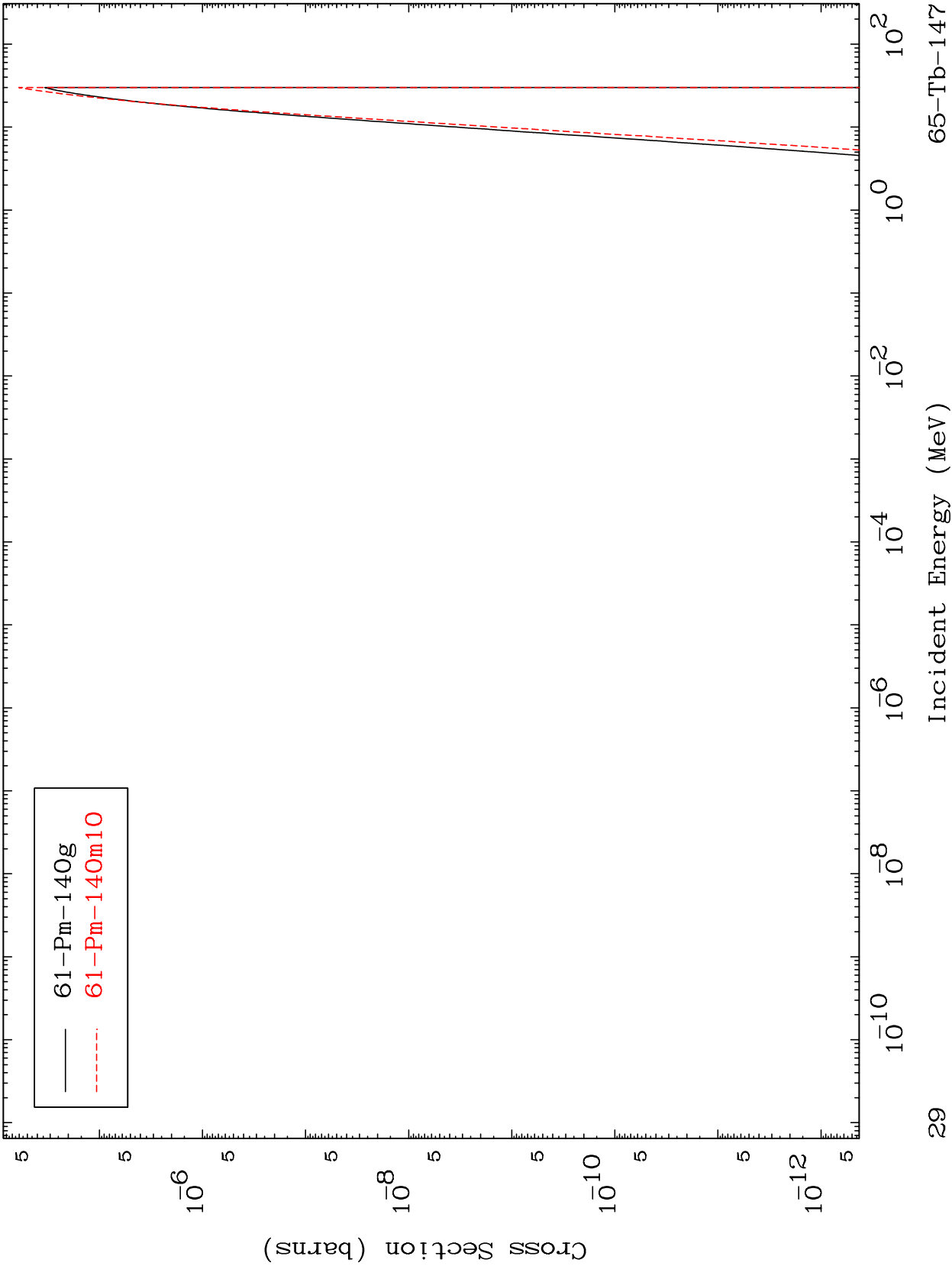
65-Tb-147

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(n,2α)

65-Tb-147

Radionuclide Production Cross Section

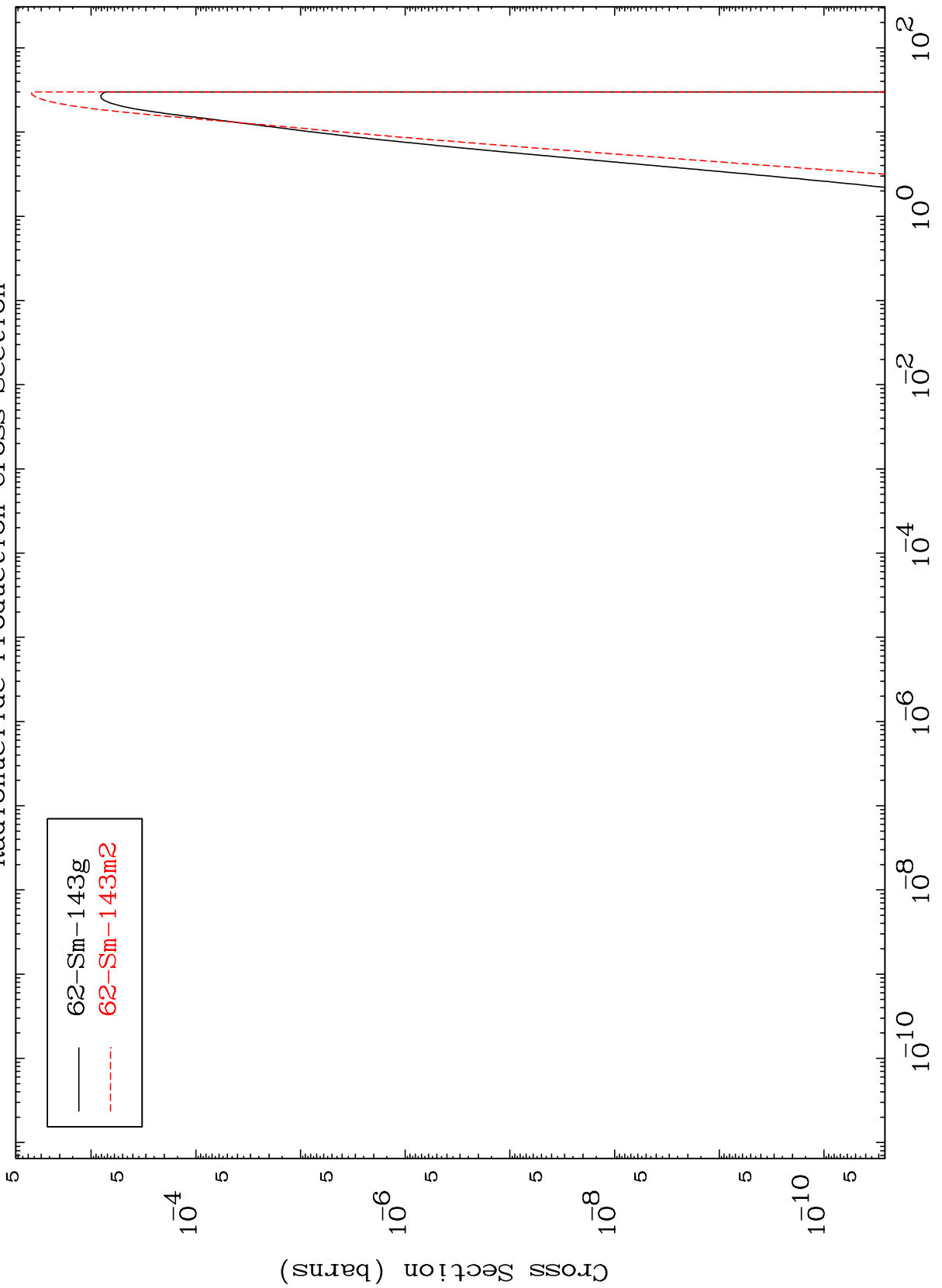


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(n,p) α

65-Tb-147

Radionuclide Production Cross Section



62-Sm-143g
62-Sm-143m2

Incident Energy (MeV)

65-Tb-147

30