

Program EVALPLOT  
(Version 2018-1)

by

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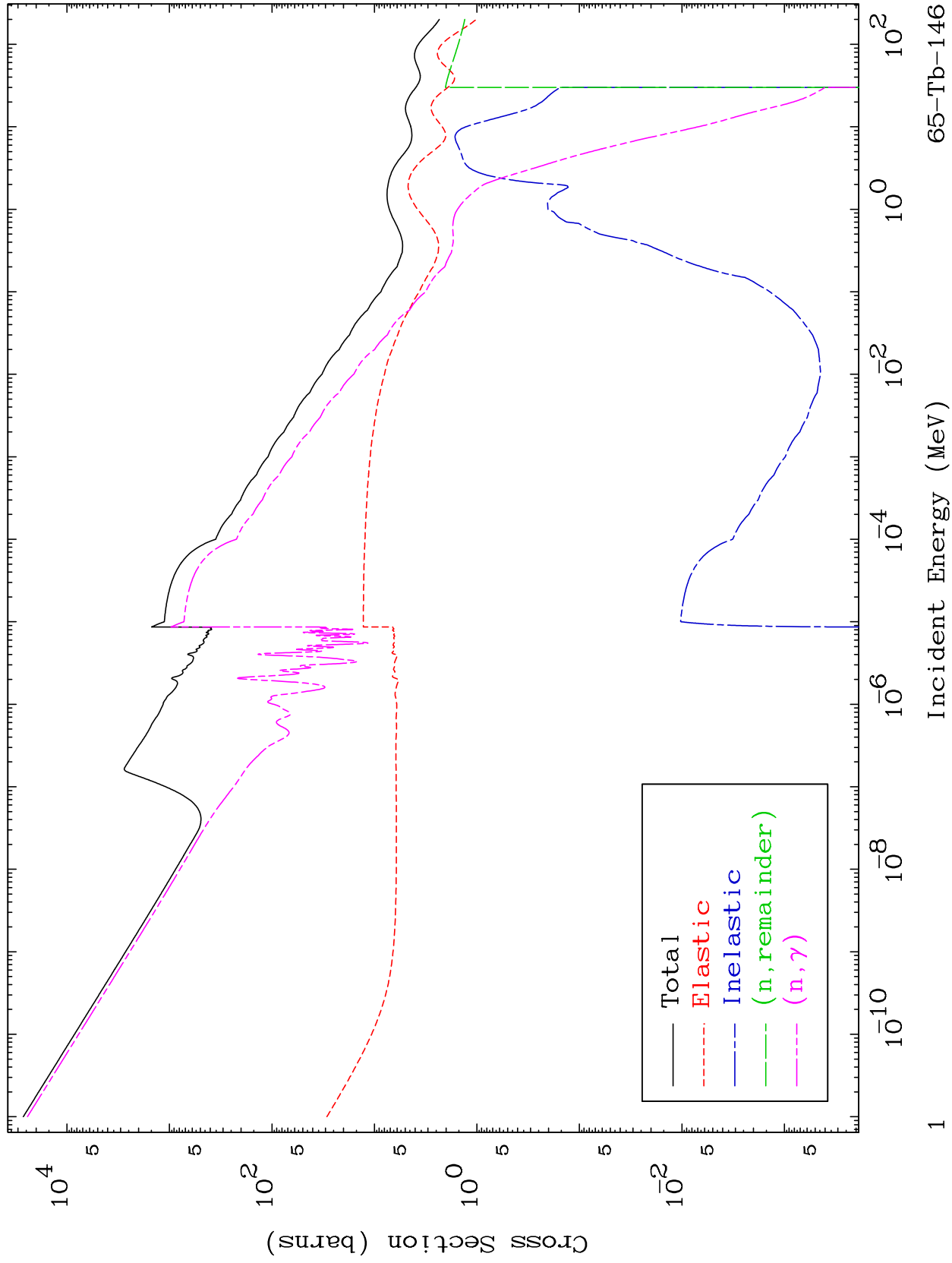
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6487

Major  
293 Kelvin Cross Sections

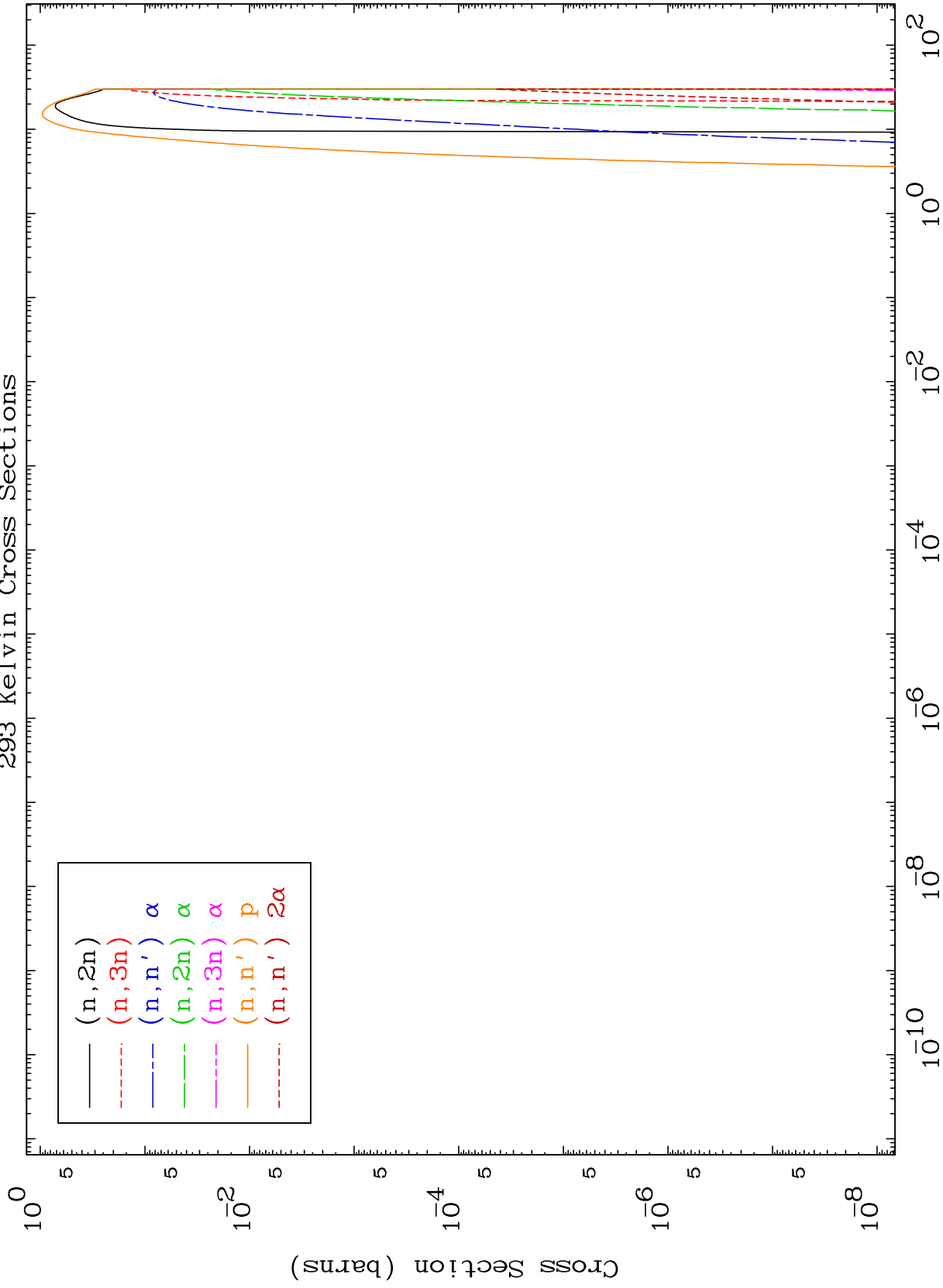
65-Tb-146



MAT 6487

Neutron Production  
293 Kelvin Cross Sections

65-Tb-146



2

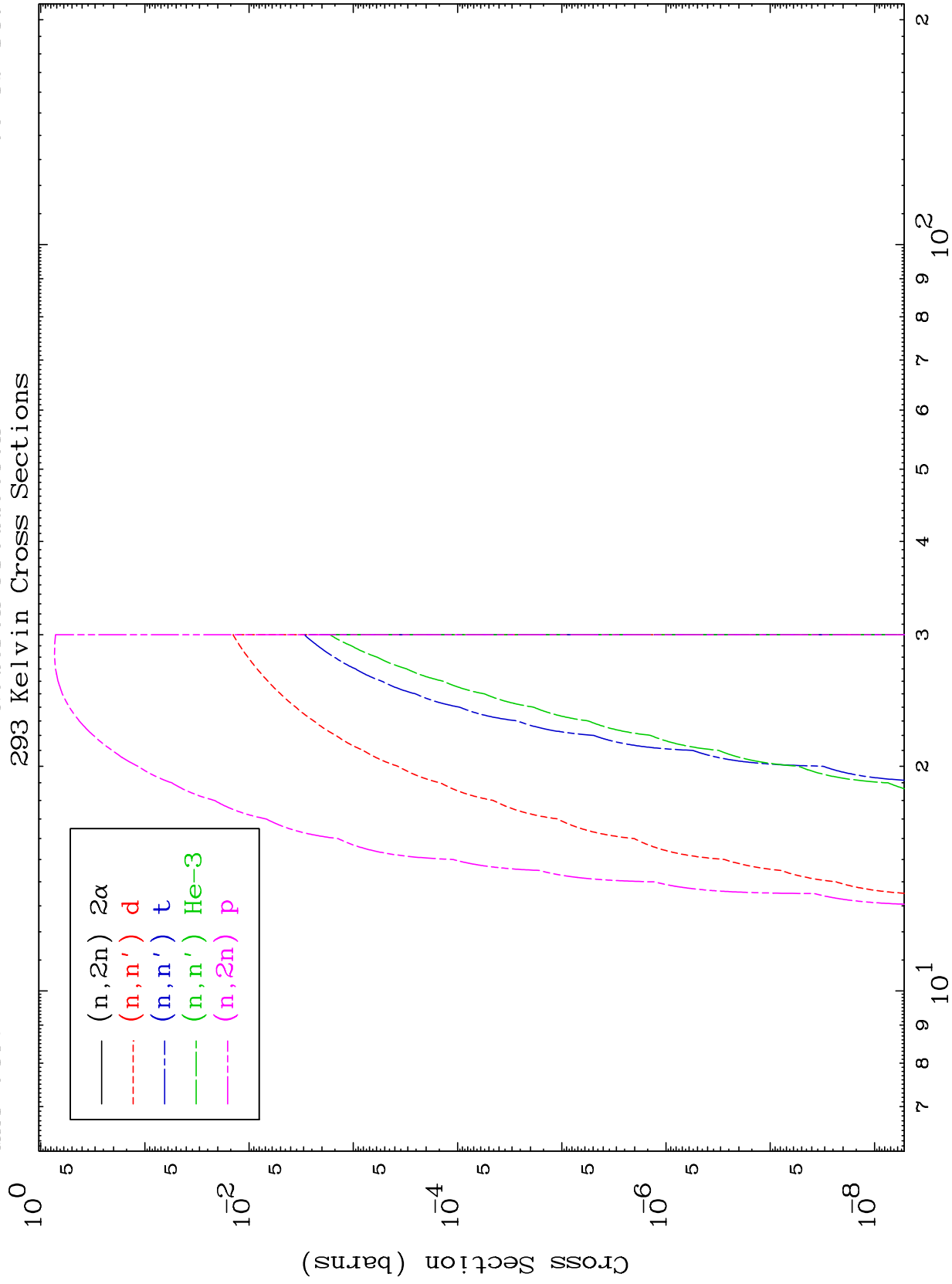
Incident Energy (MeV)

65-Tb-146

MAT 6487

Neutron Production  
293 Kelvin Cross Sections

65-Tb-146



3

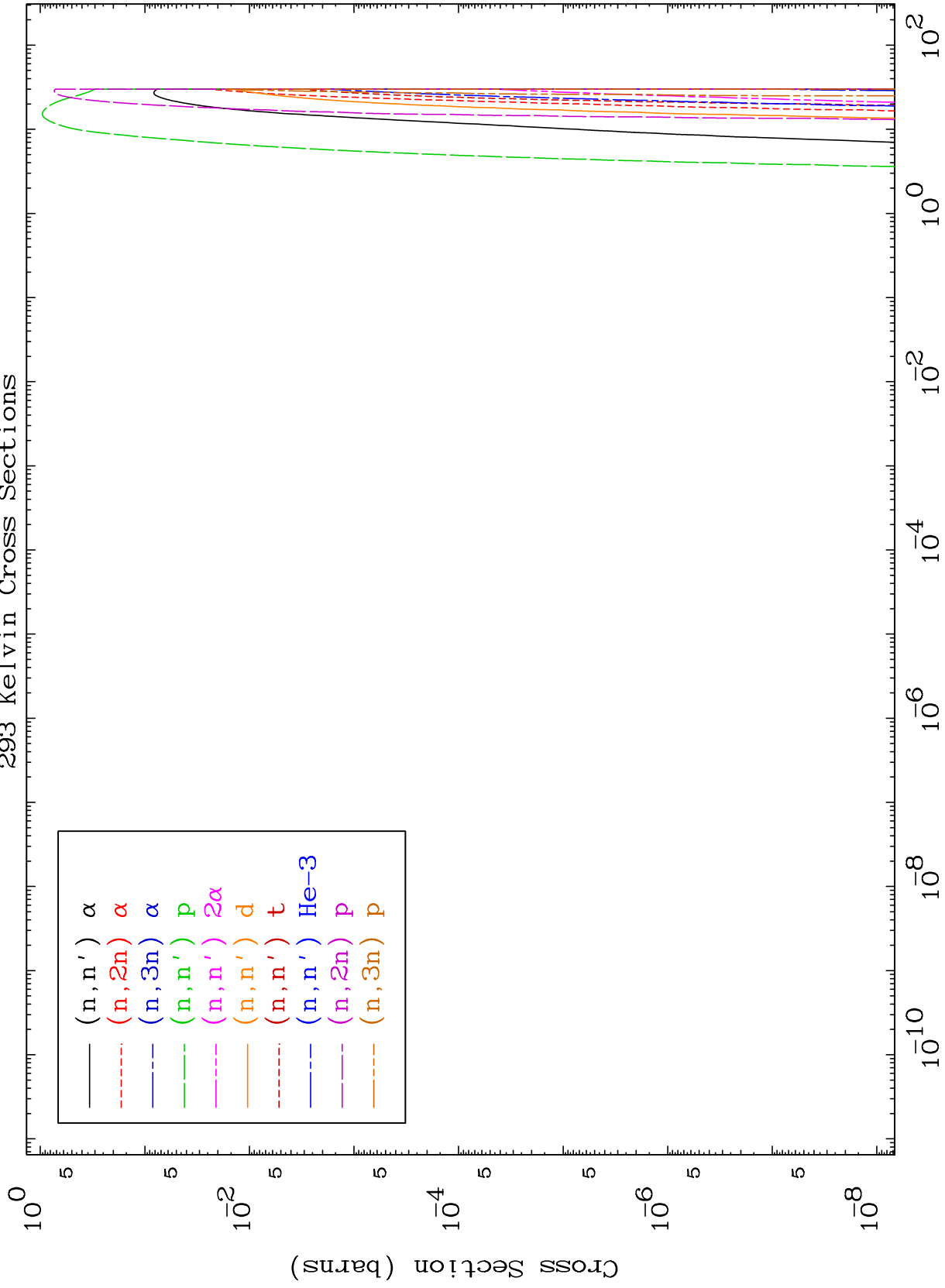
Incident Energy (MeV)

65-Tb-146

MAT 6487

Charged Particle  
293 Kelvin Cross Sections

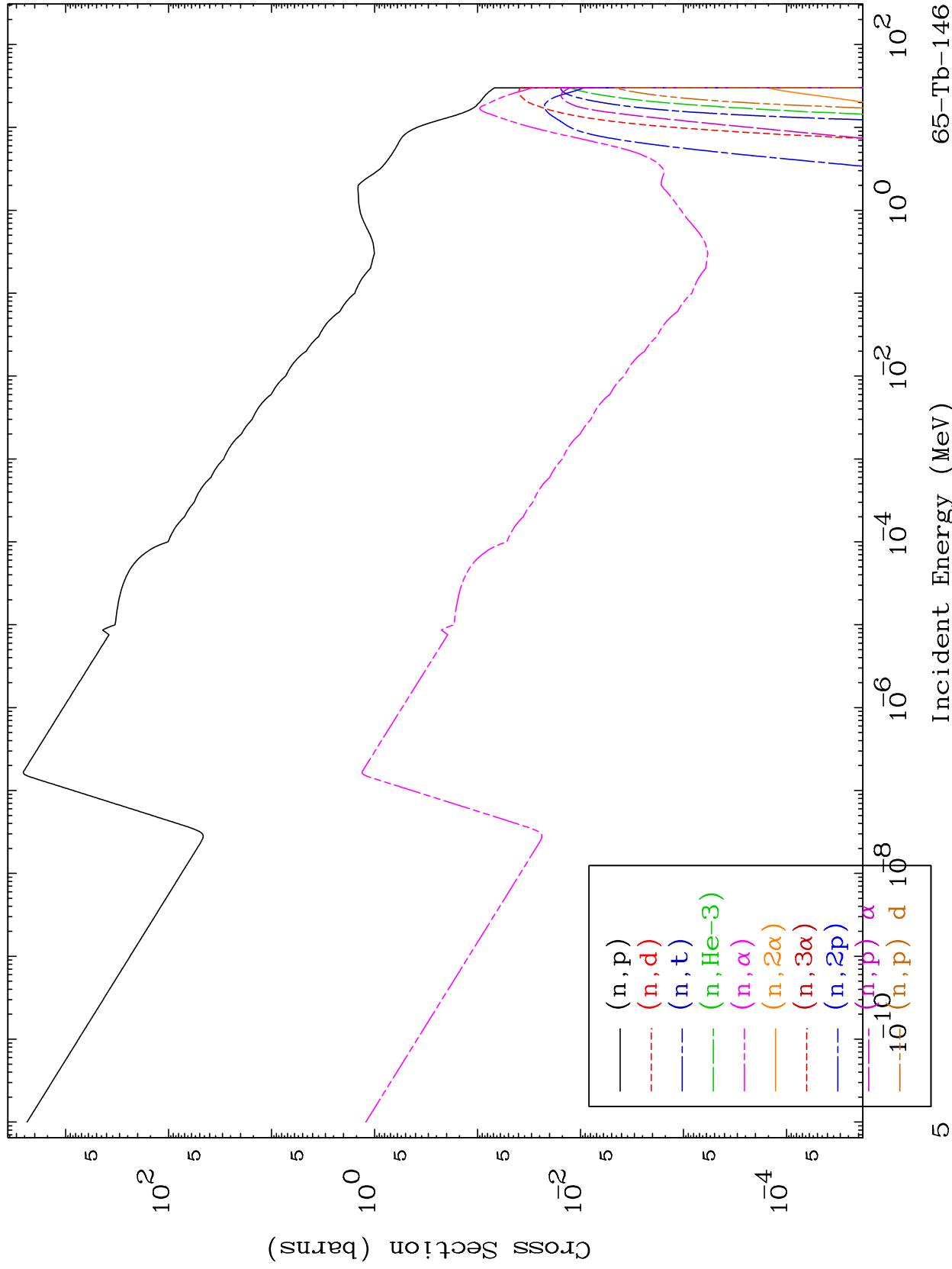
65-Tb-146



MAT 6487

Charged Particle  
293 Kelvin Cross Sections

65-Tb-146

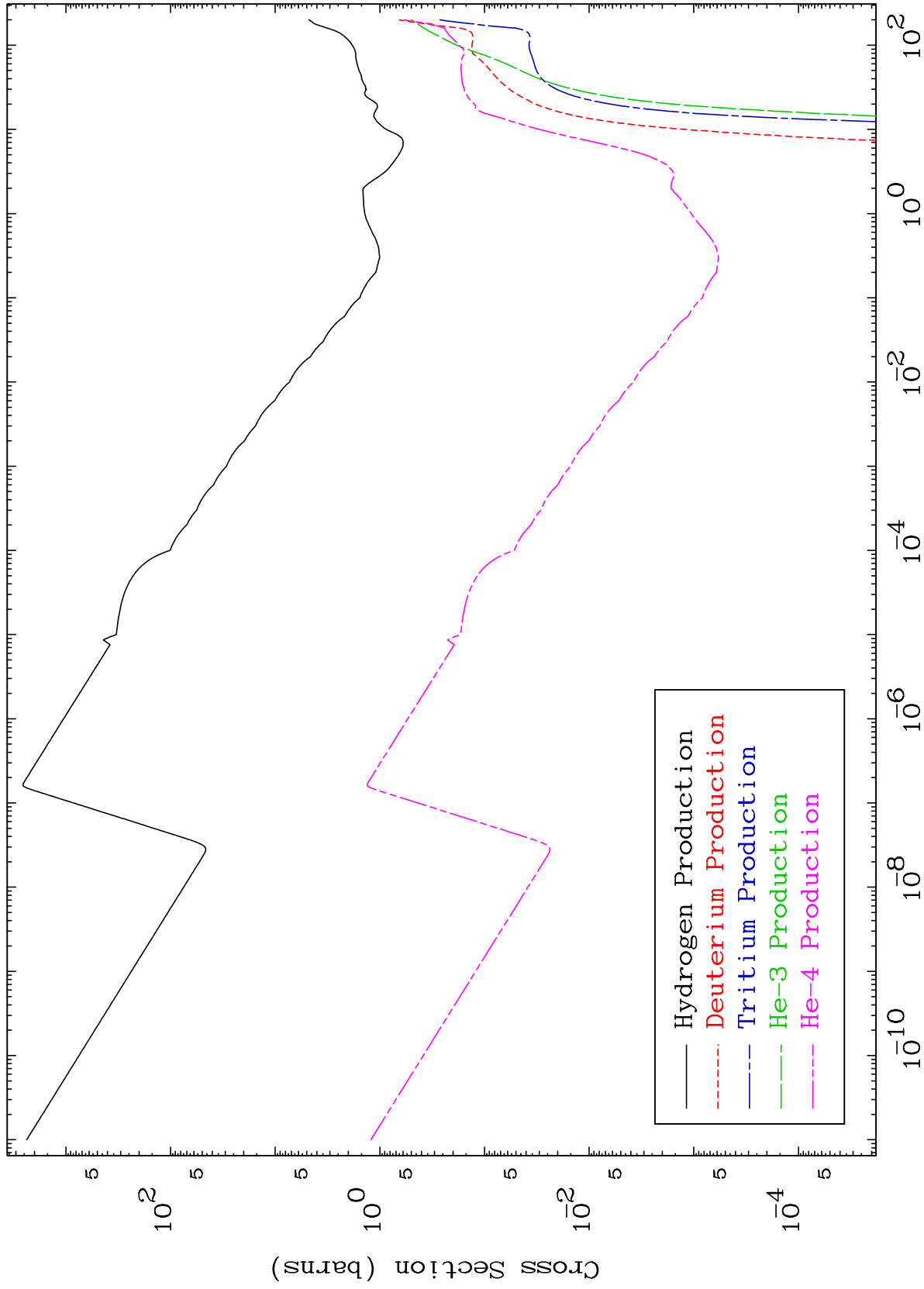


65-Tb-146

MAT 6487

Particle Production  
293 Kelvin Cross Sections

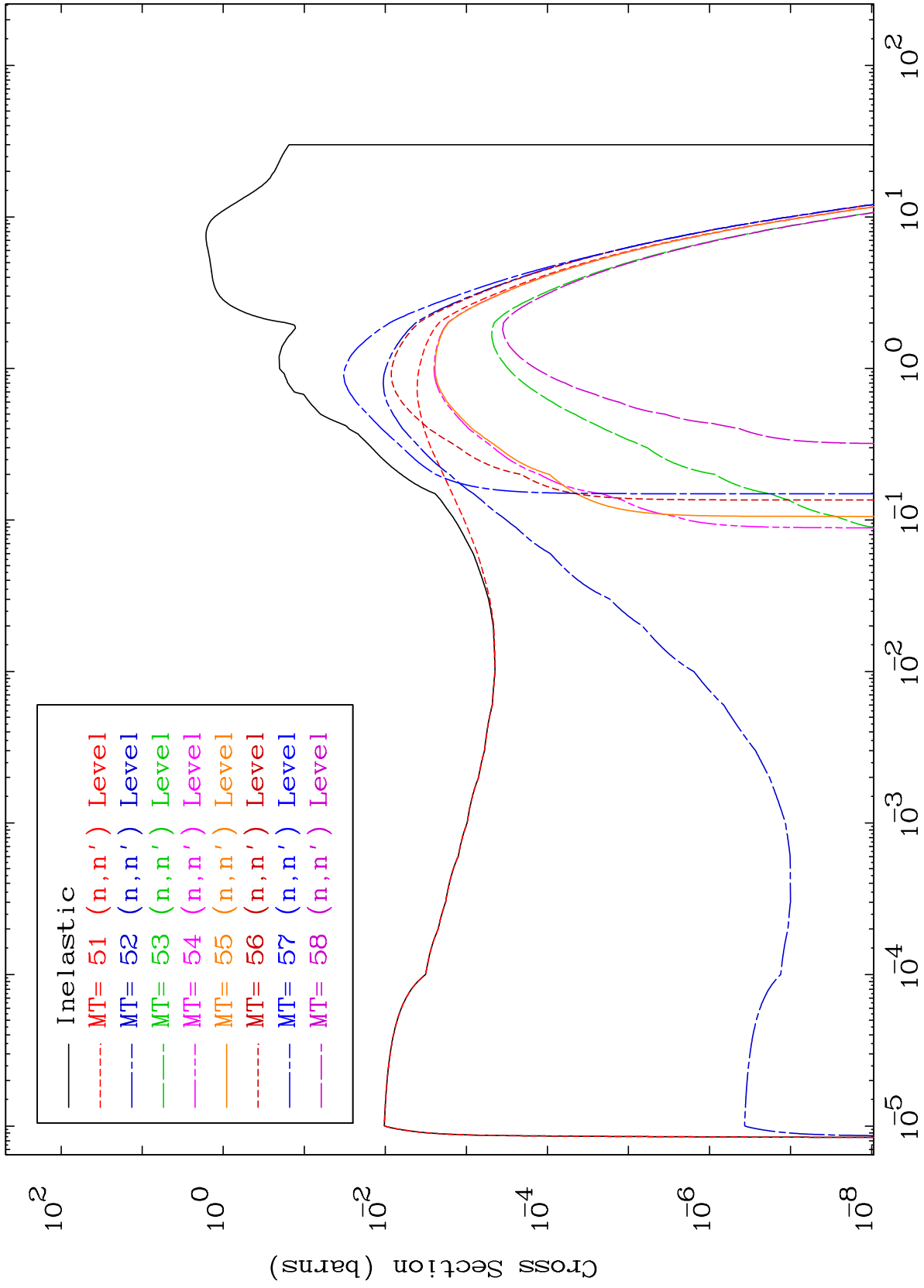
65-Tb-146



MAT 6487

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-146



7

Incident Energy (MeV)

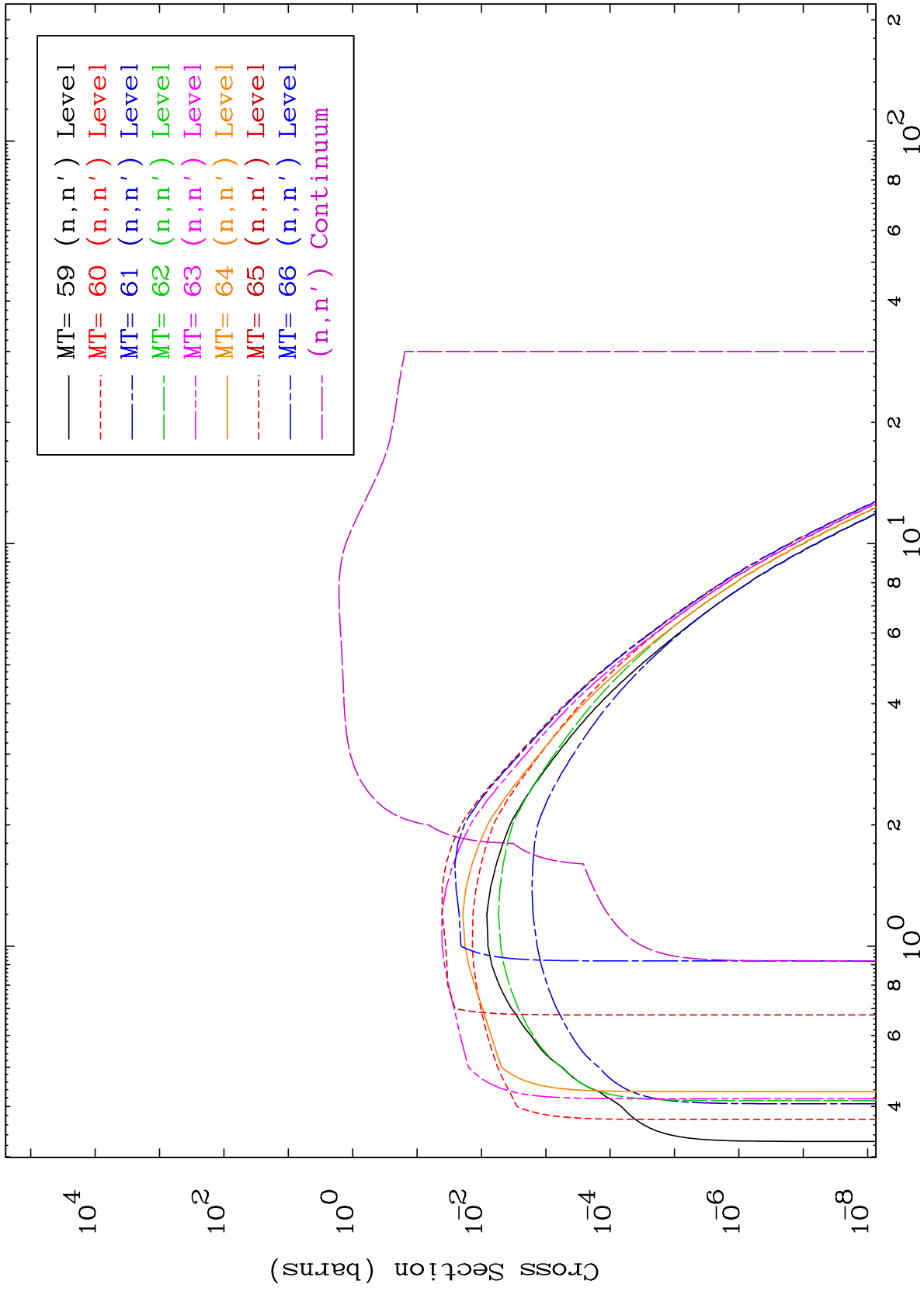
65-Tb-146



MAT 6487

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-146



8

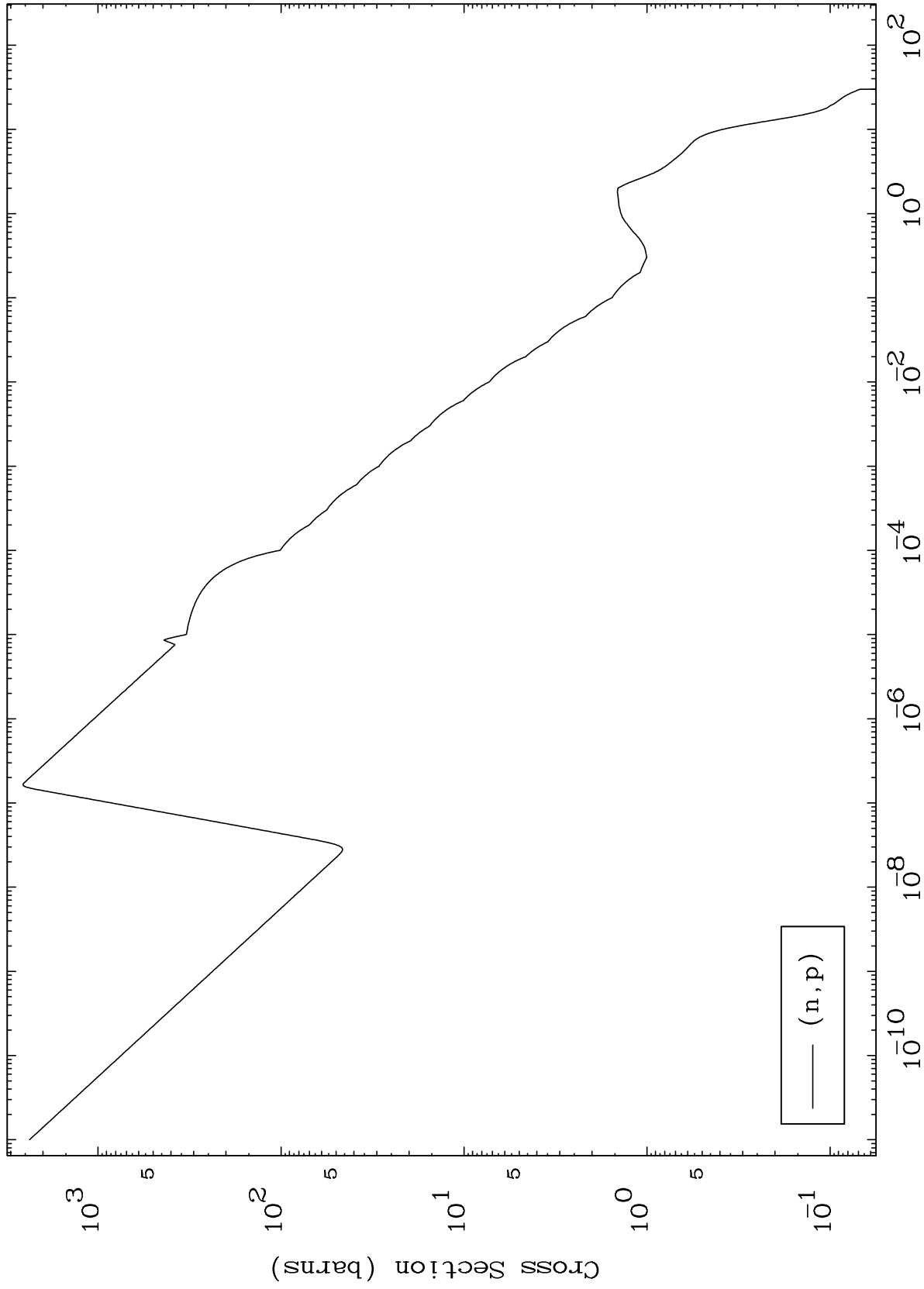
Incident Energy (MeV)

65-Tb-146

MAT 6487

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-146

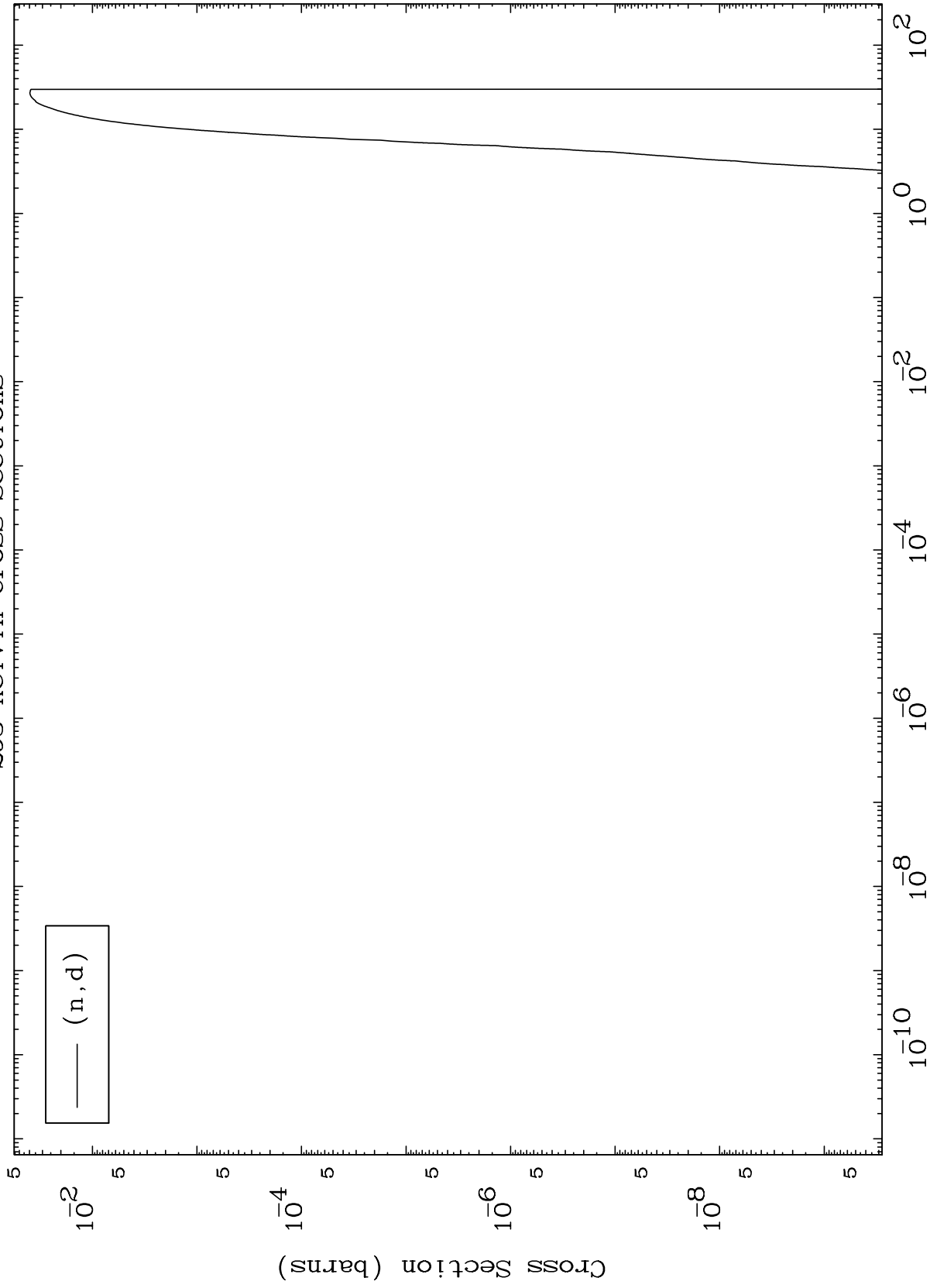


65-Tb-146

MAT 6487

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-146



10

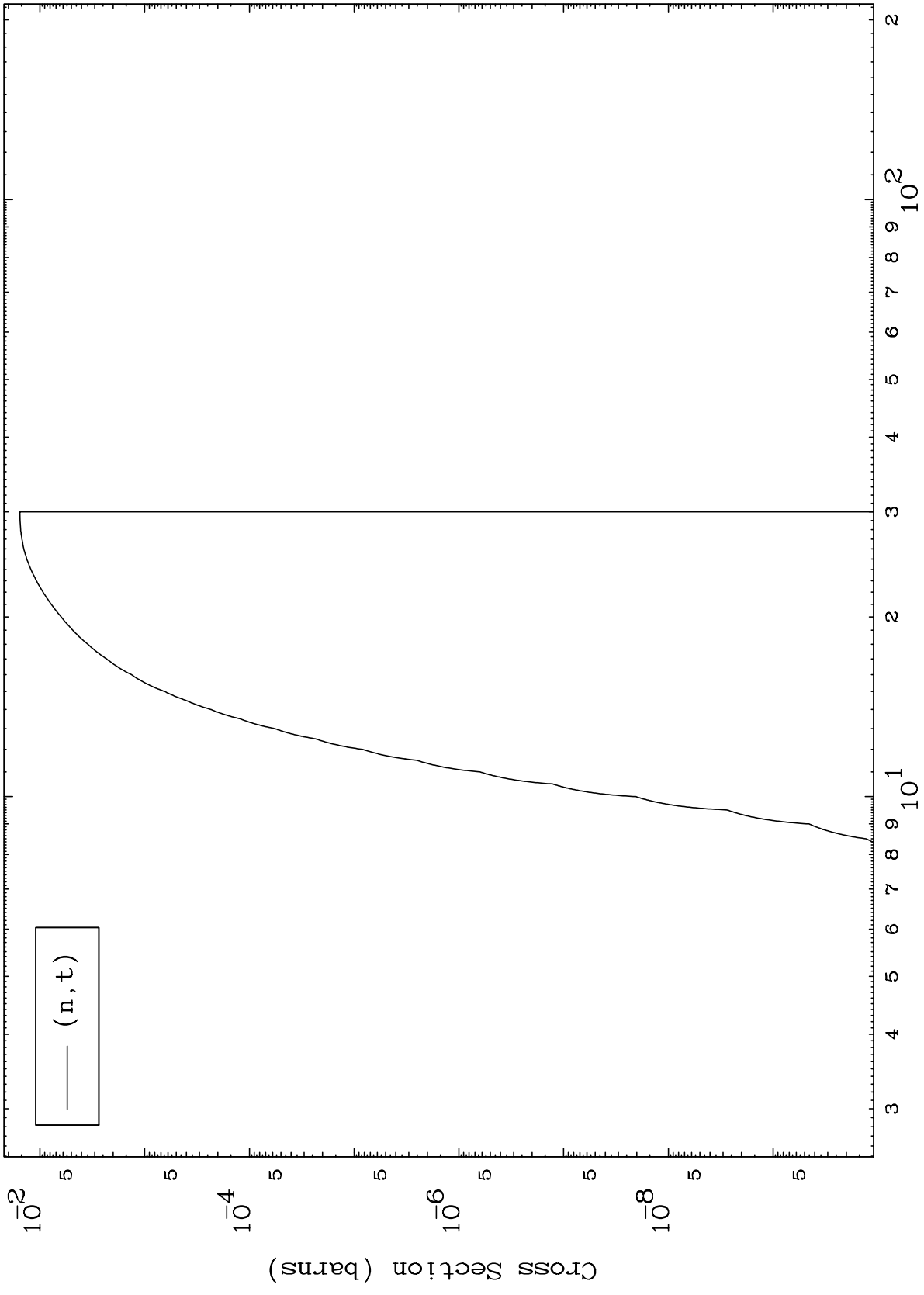
Incident Energy (MeV)

65-Tb-146

MAT 6487

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-146



11

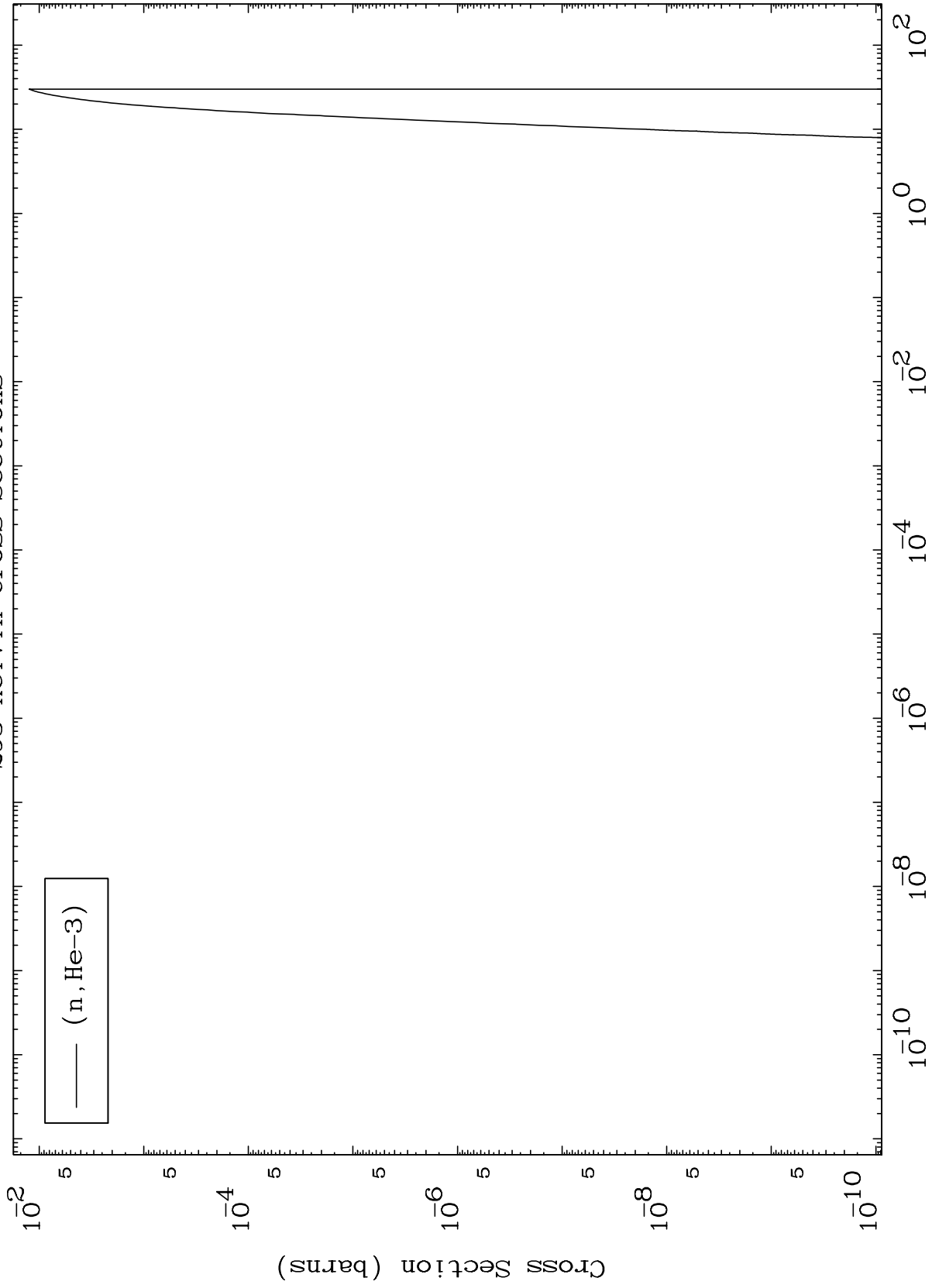
Incident Energy (MeV)

65-Tb-146

MAT 6487

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-146



12

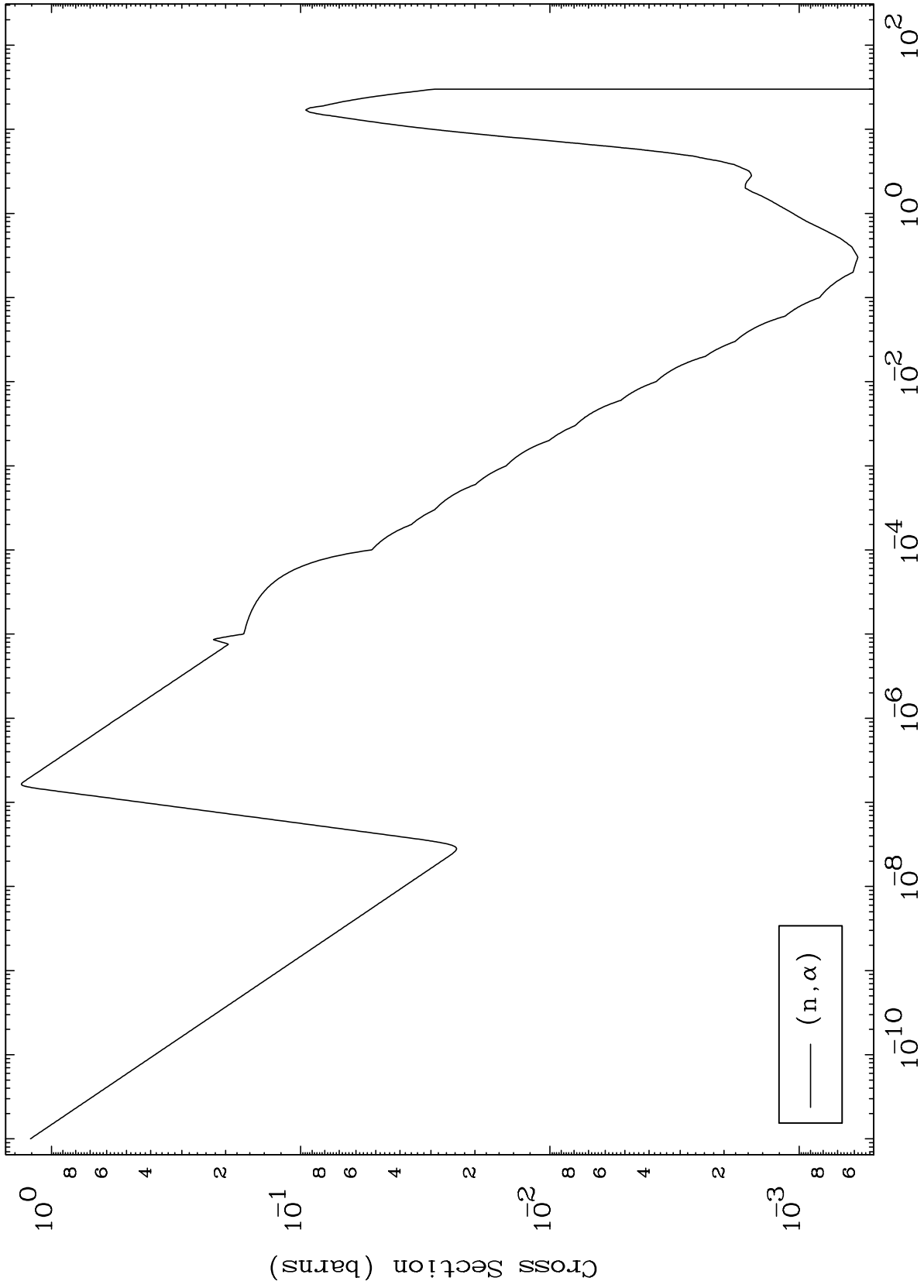
Incident Energy (MeV)

65-Tb-146

MAT 6487

(n,α) Levels  
293 Kelvin Cross Sections

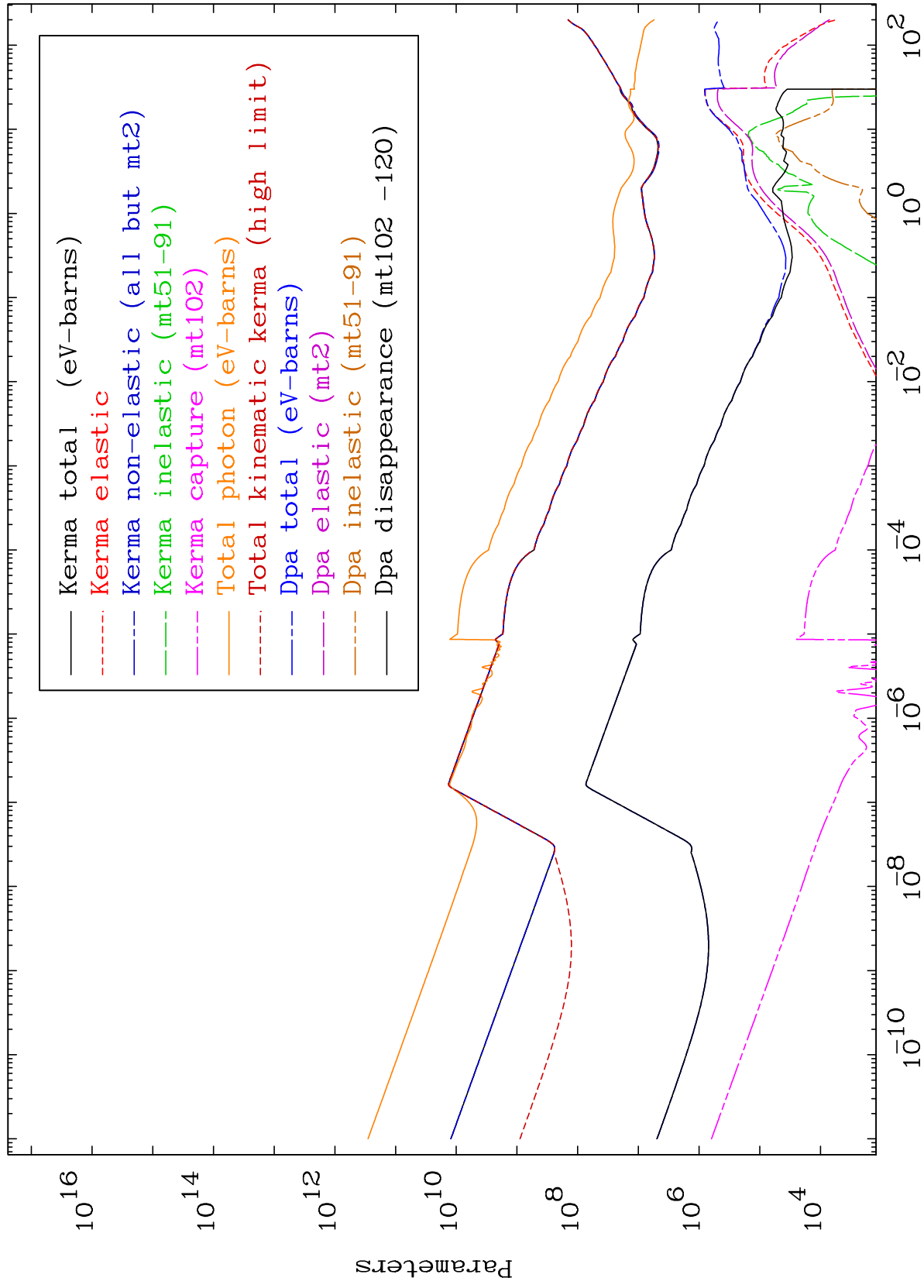
65-Tb-146



13

Incident Energy (MeV)

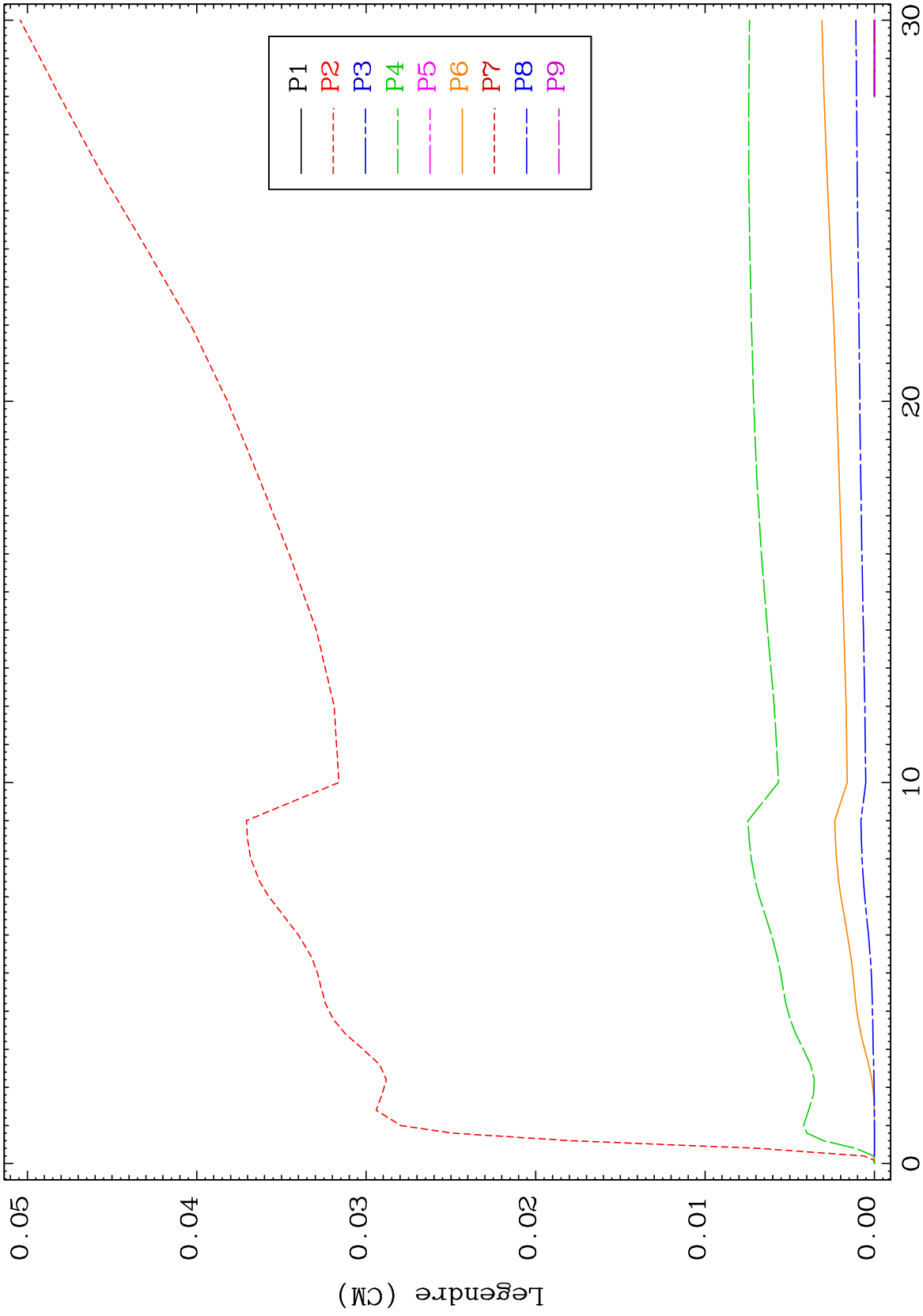
65-Tb-146



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Elastic Legendre Coefficients

65-Tb-146



15

Incident Energy (MeV)

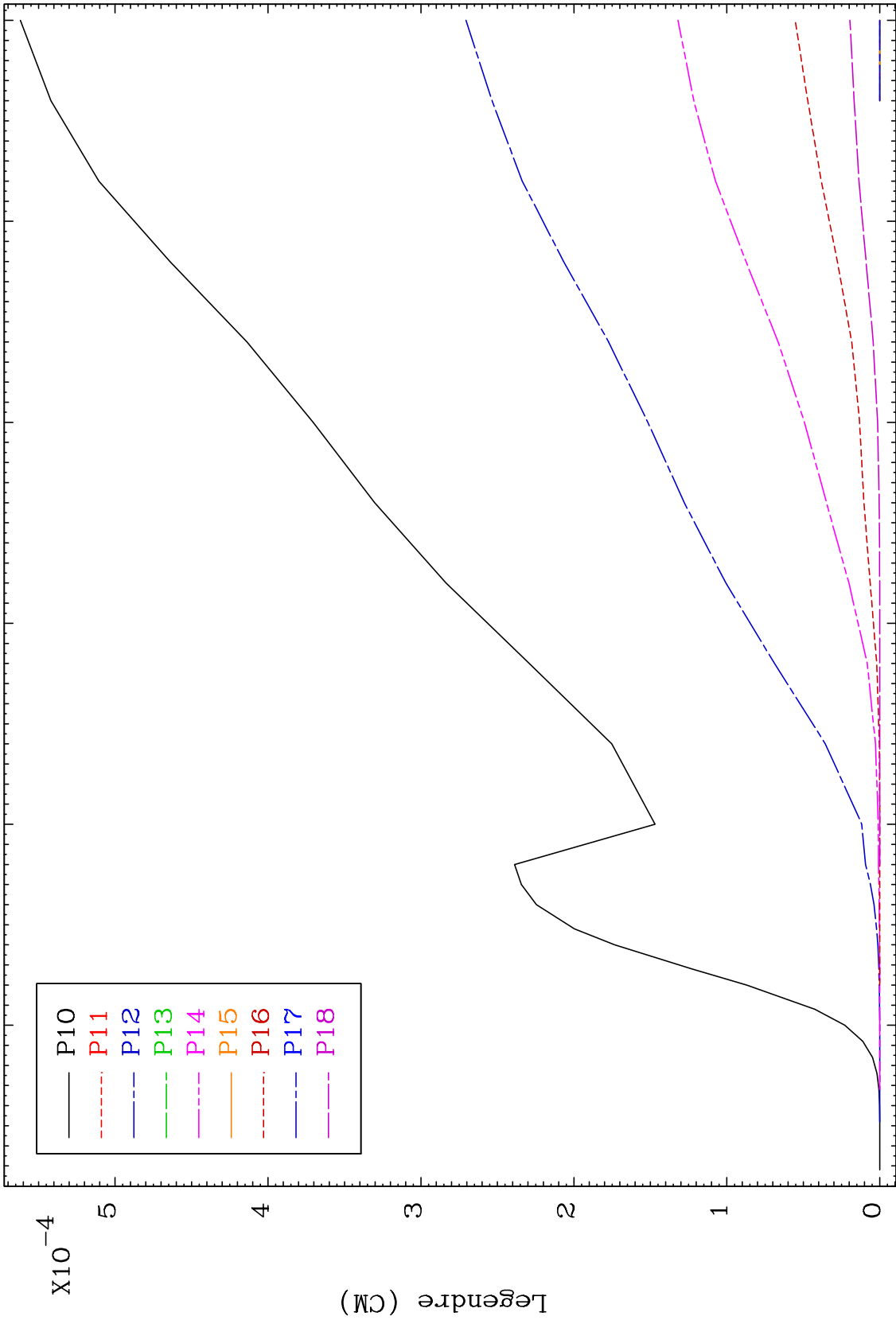
65-Tb-146



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Elastic Legendre Coefficients

65-Tb-146



16

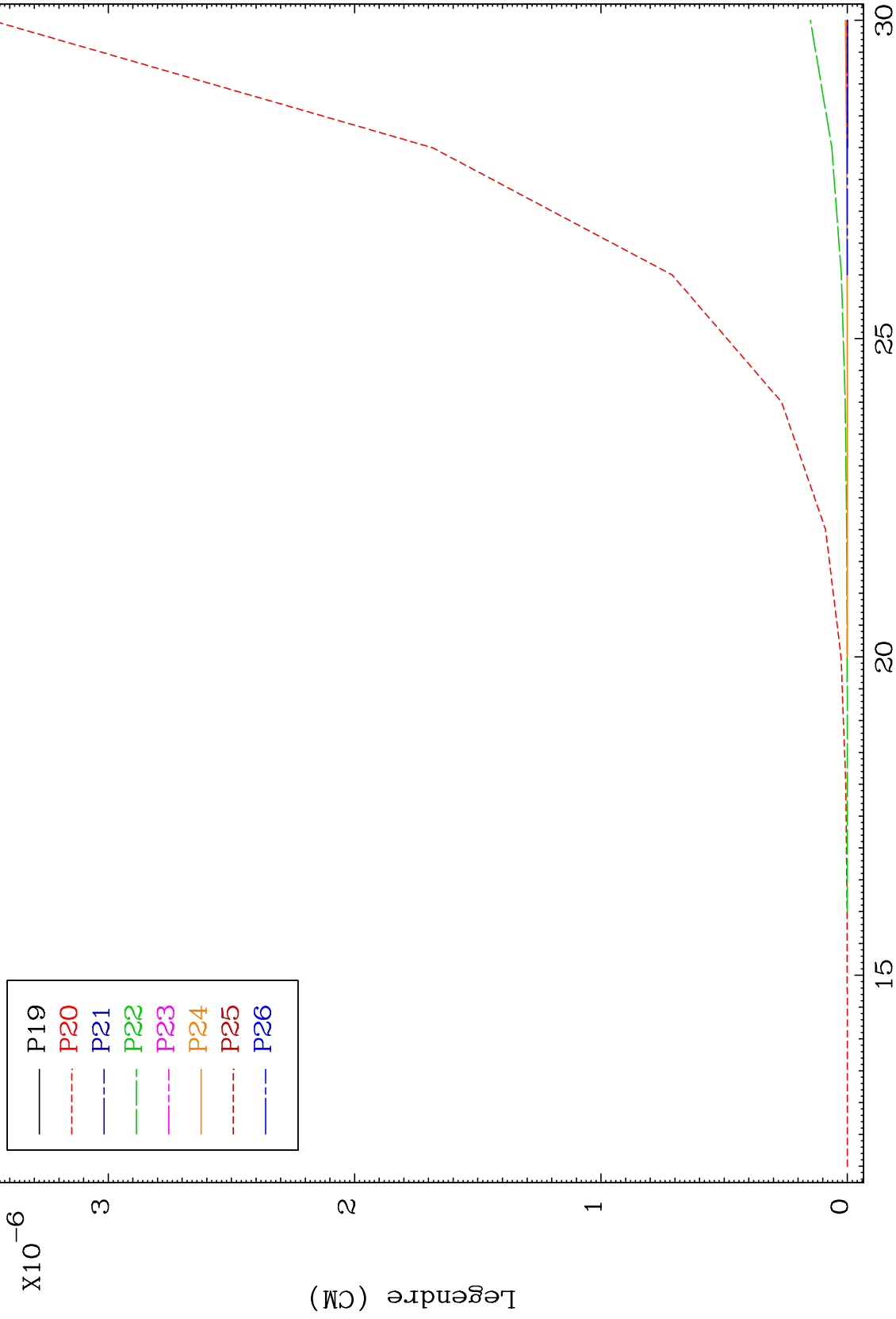
Incident Energy (MeV)

65-Tb-146

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### Elastic Legendre Coefficients

65-Tb-146



17

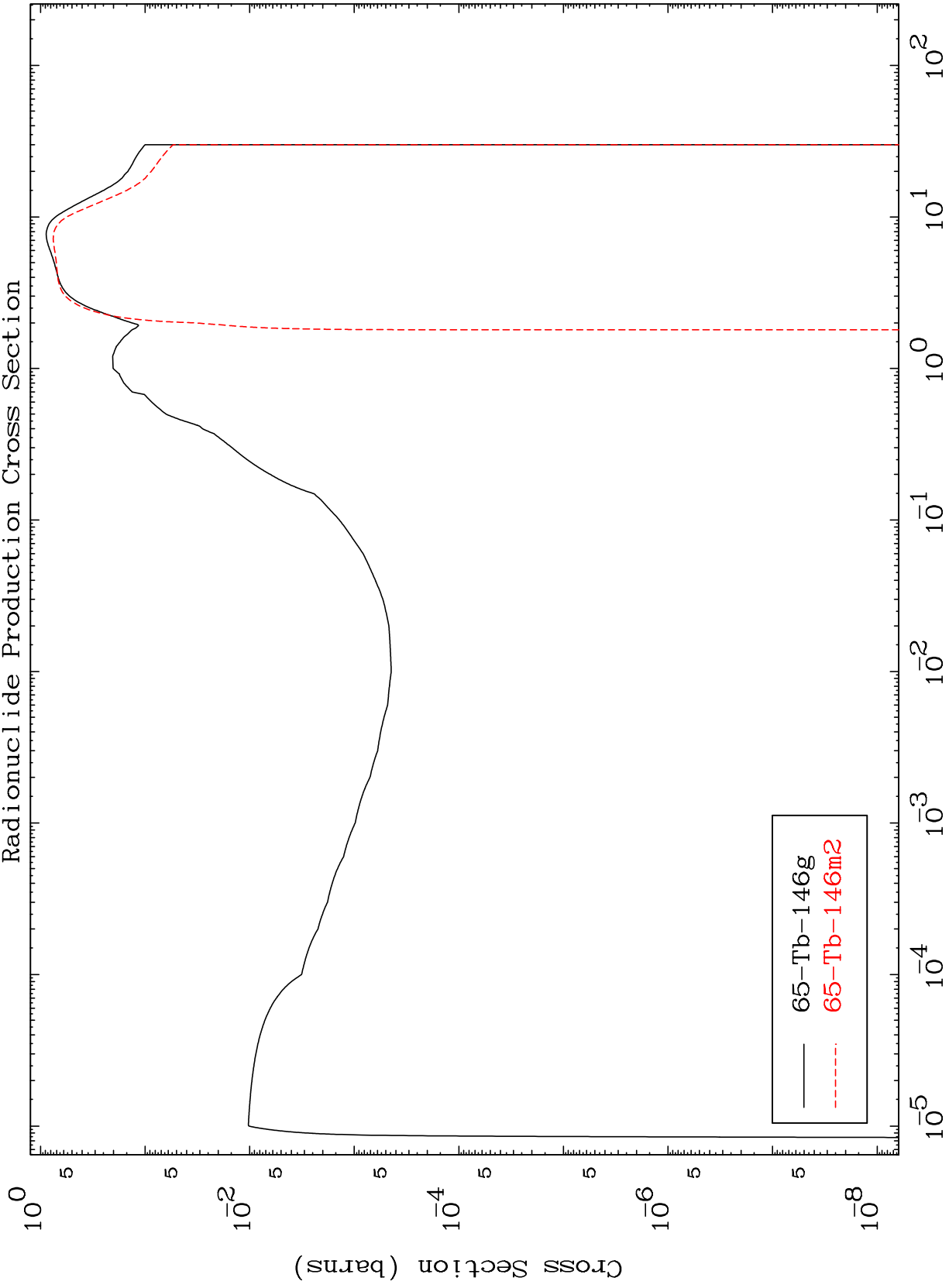
Incident Energy (MeV)

65-Tb-146

MAT 6487

Inelastic  
Radionuclide Production Cross Section

65-Tb-146



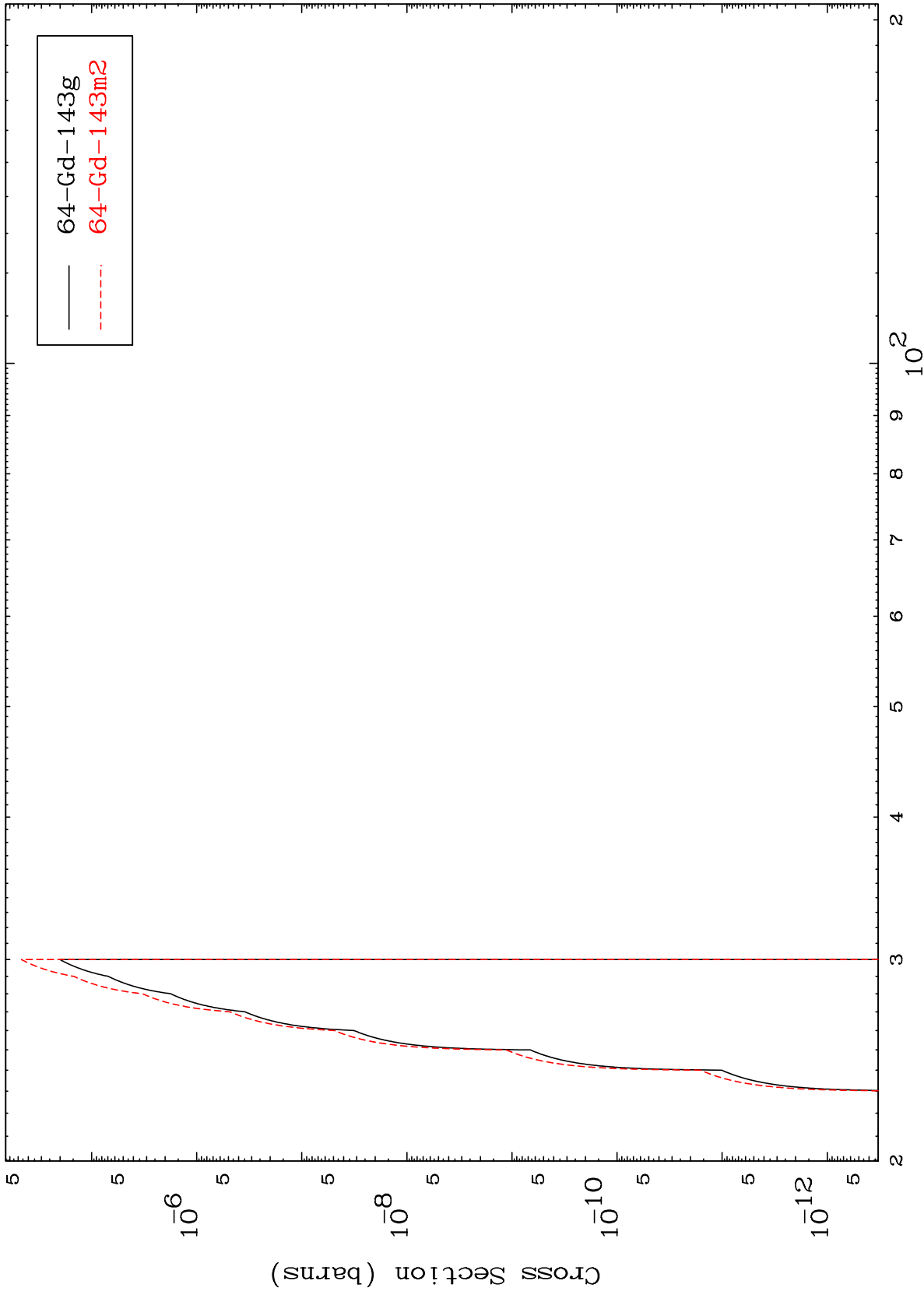
— 65-Tb-146g  
- - - 65-Tb-146m2

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(n,2n) d

65-Tb-146

Radionuclide Production Cross Section



19

Incident Energy (MeV)

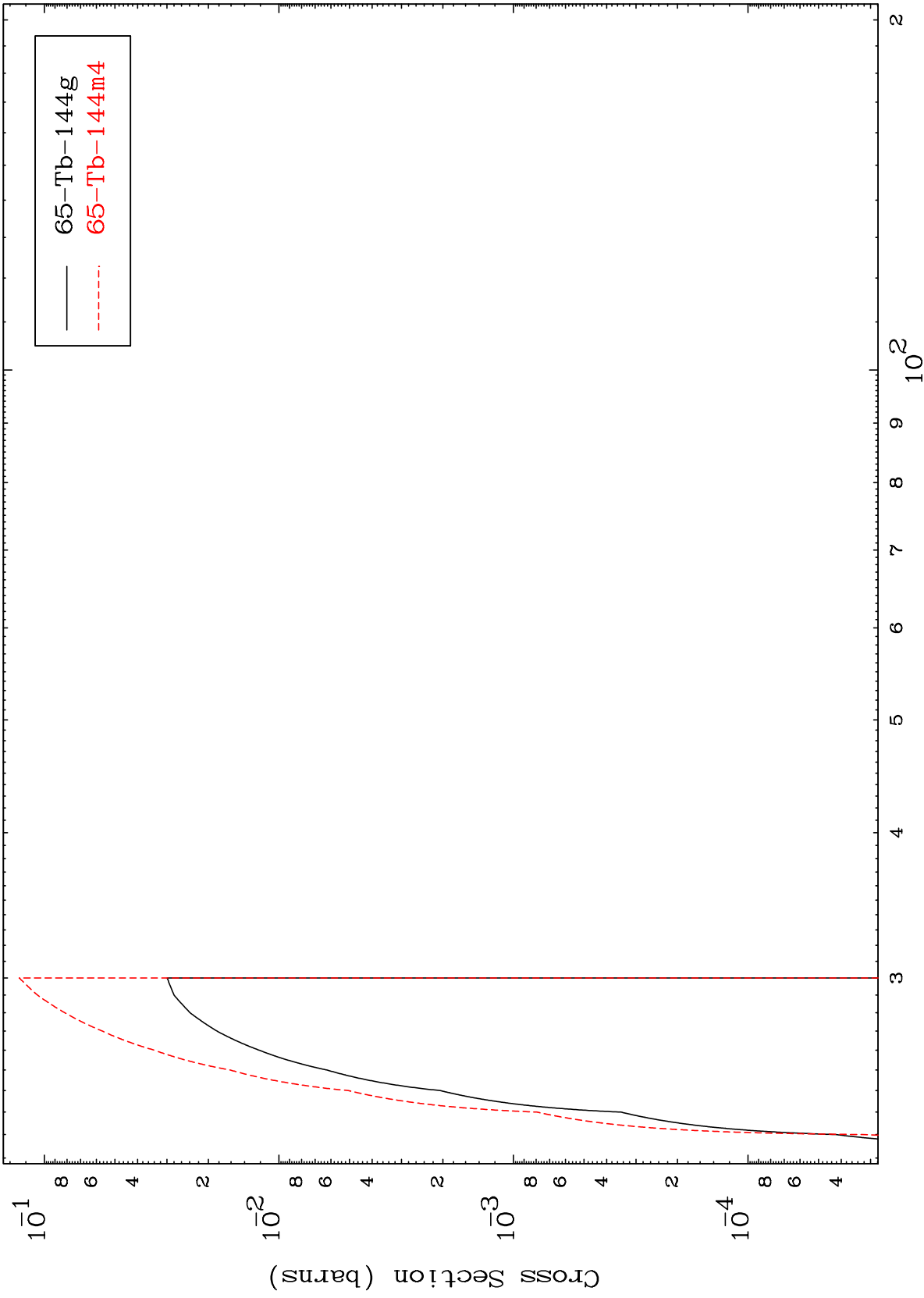
65-Tb-146

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(n,3n)

65-Tb-146

Radionuclide Production Cross Section



20

Incident Energy (MeV)

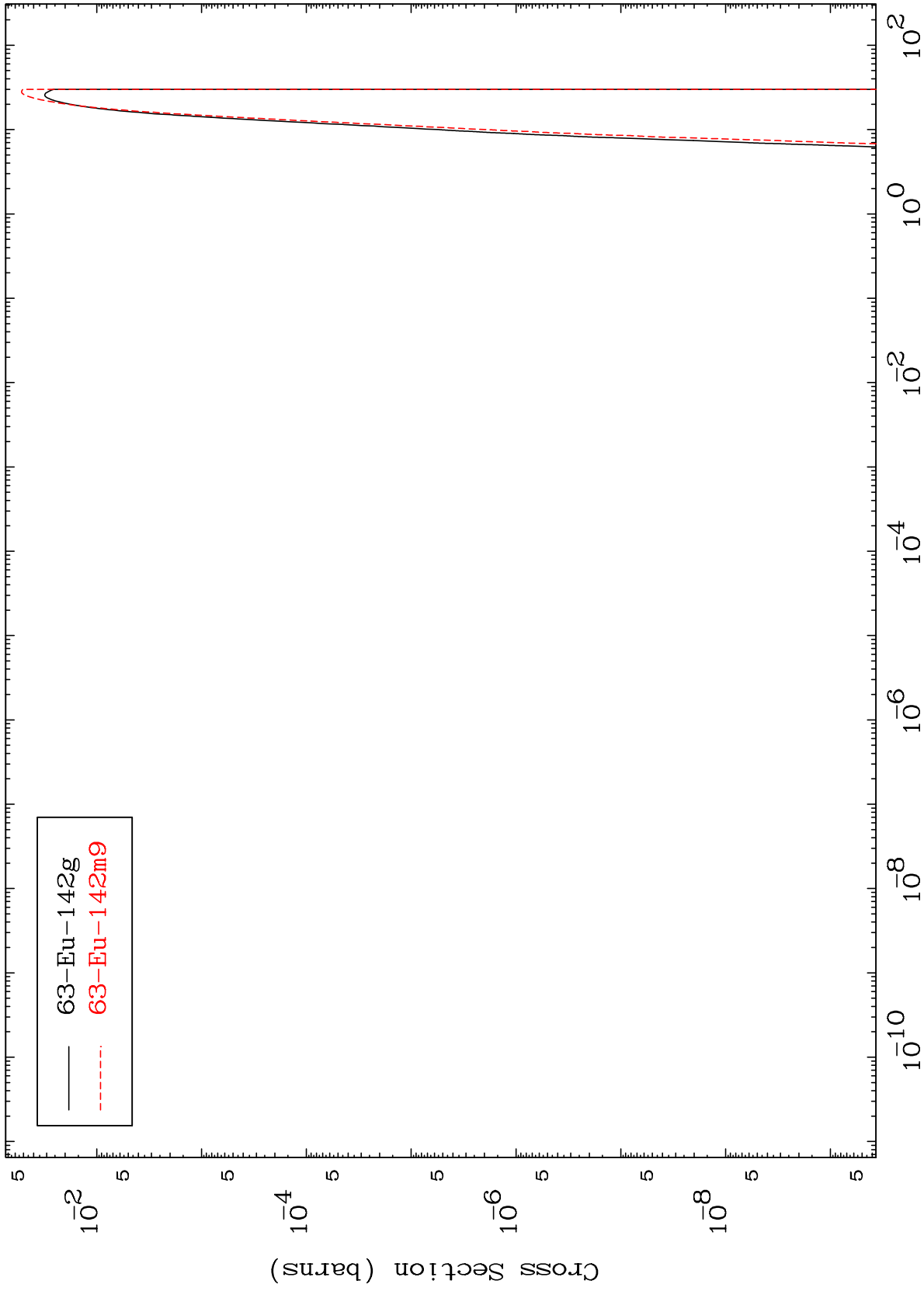
65-Tb-146

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(n,n')  $\alpha$

65-Tb-146

Radionuclide Production Cross Section

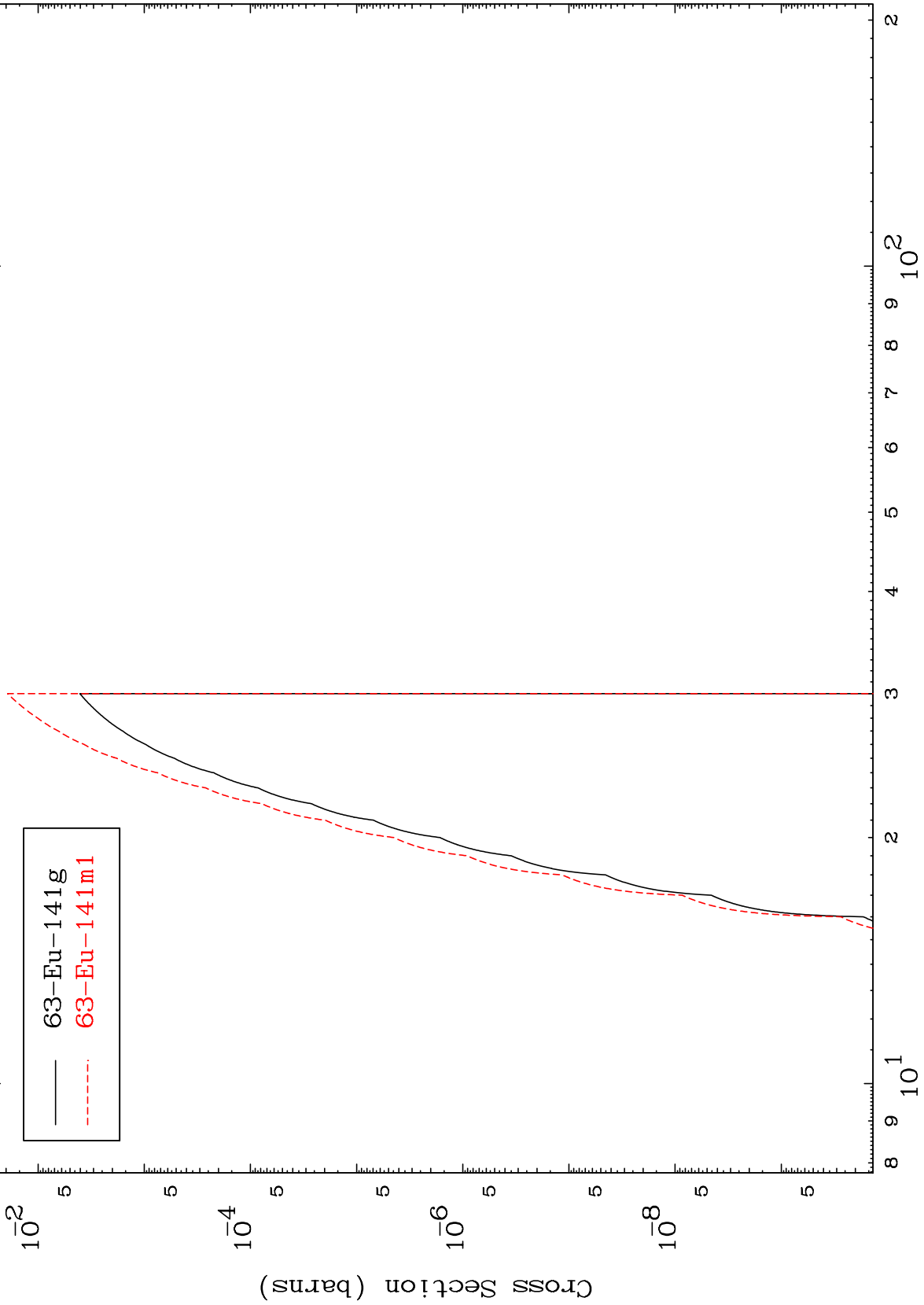


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(n,2n)  $\alpha$

65-Tb-146

Radionuclide Production Cross Section



22

Incident Energy (MeV)

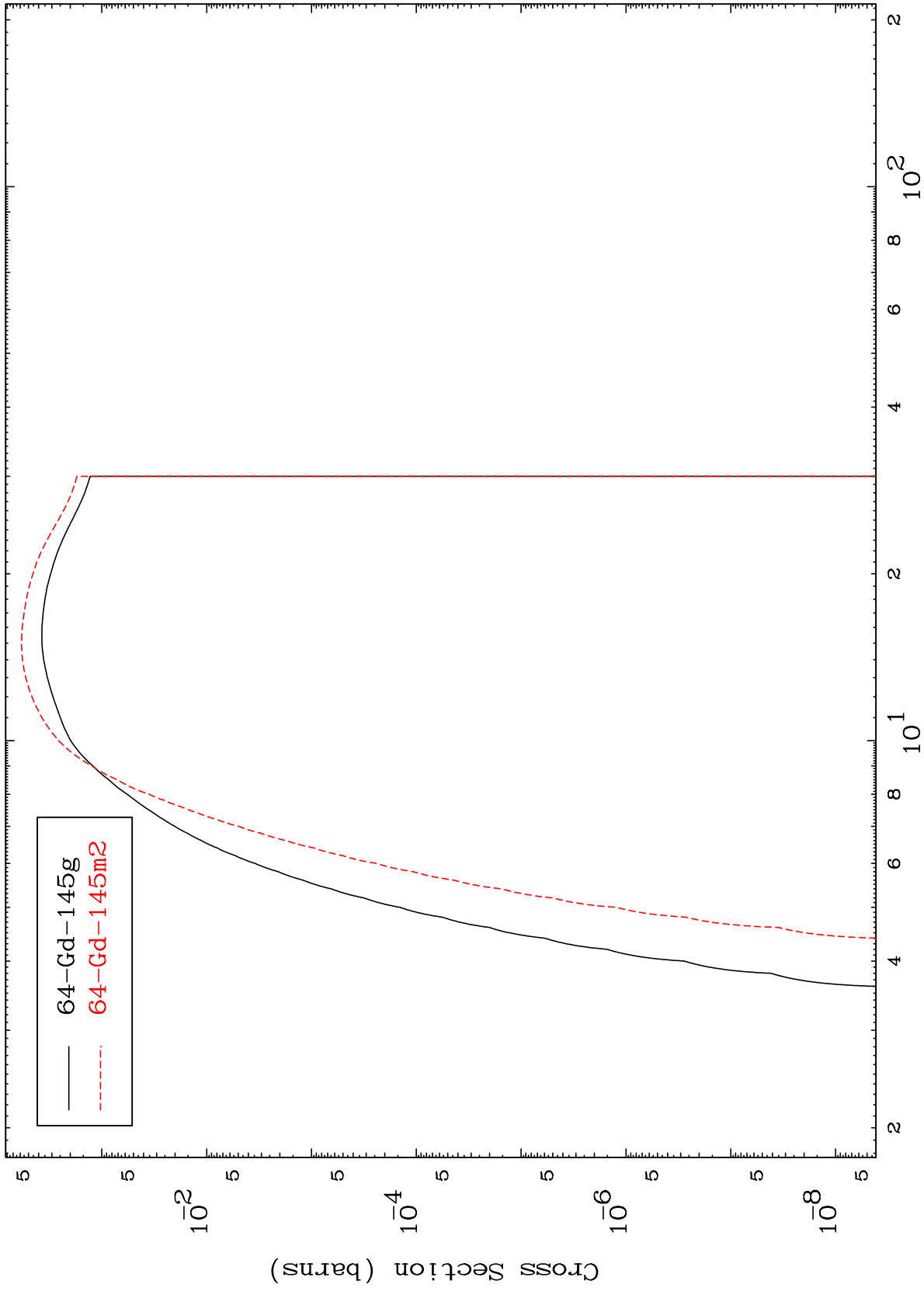
65-Tb-146

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(n,n') p

65-Tb-146

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-146

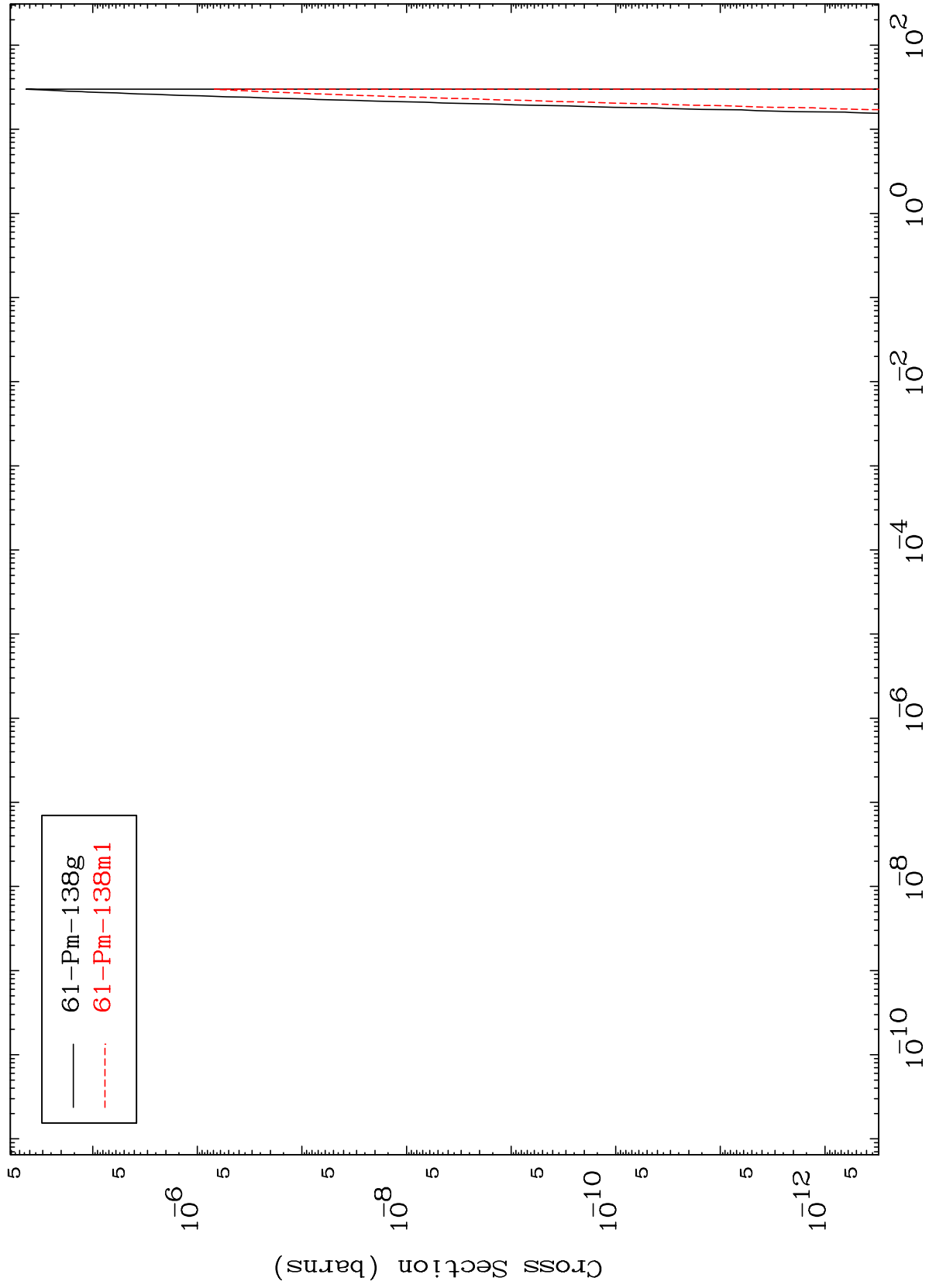


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(n,n') 2 $\alpha$

65-Tb-146

Radionuclide Production Cross Section



24

Incident Energy (MeV)

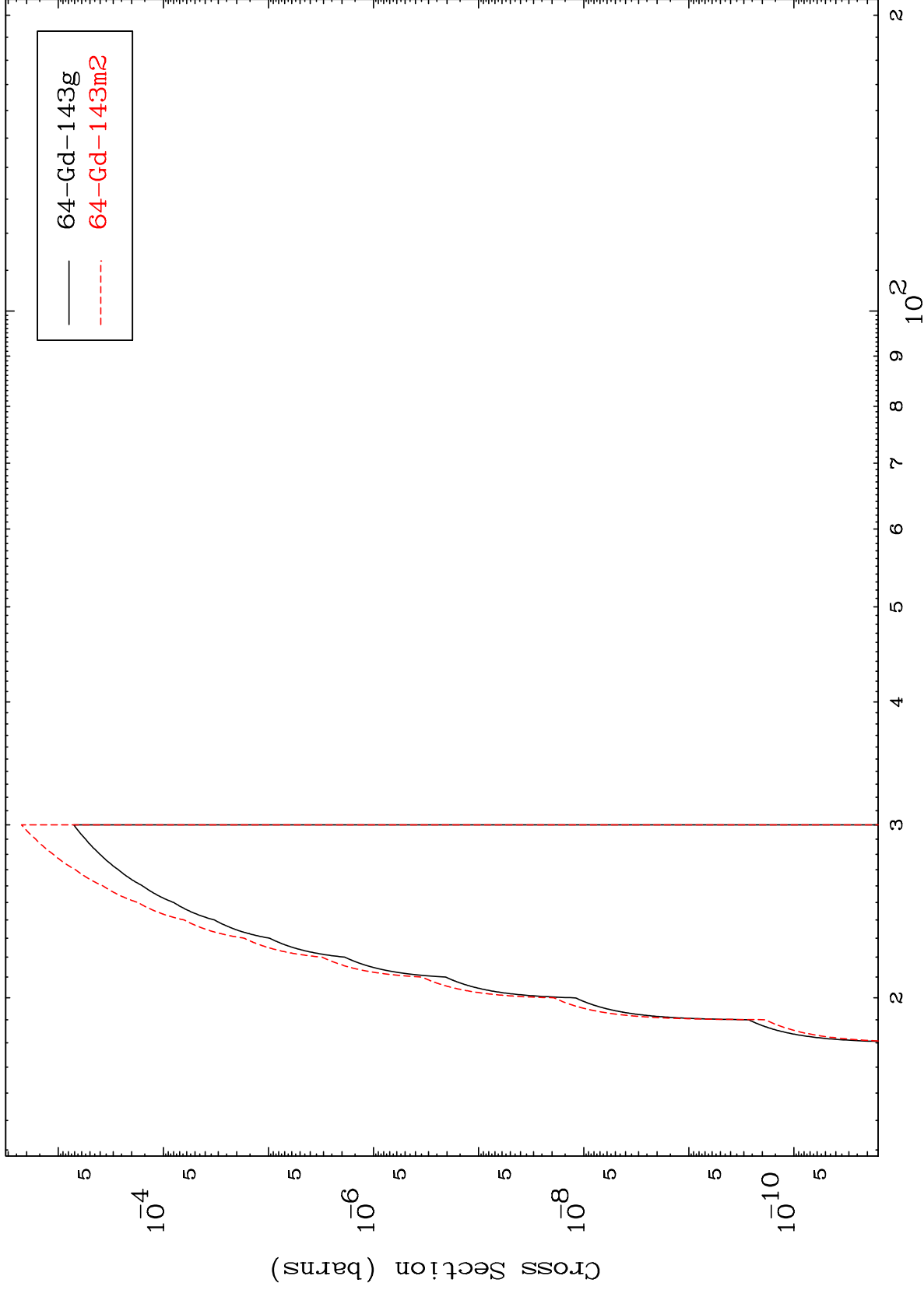
65-Tb-146

MAT 6487

(n,n') t

65-Tb-146

Radionuclide Production Cross Section



25

Incident Energy (MeV)

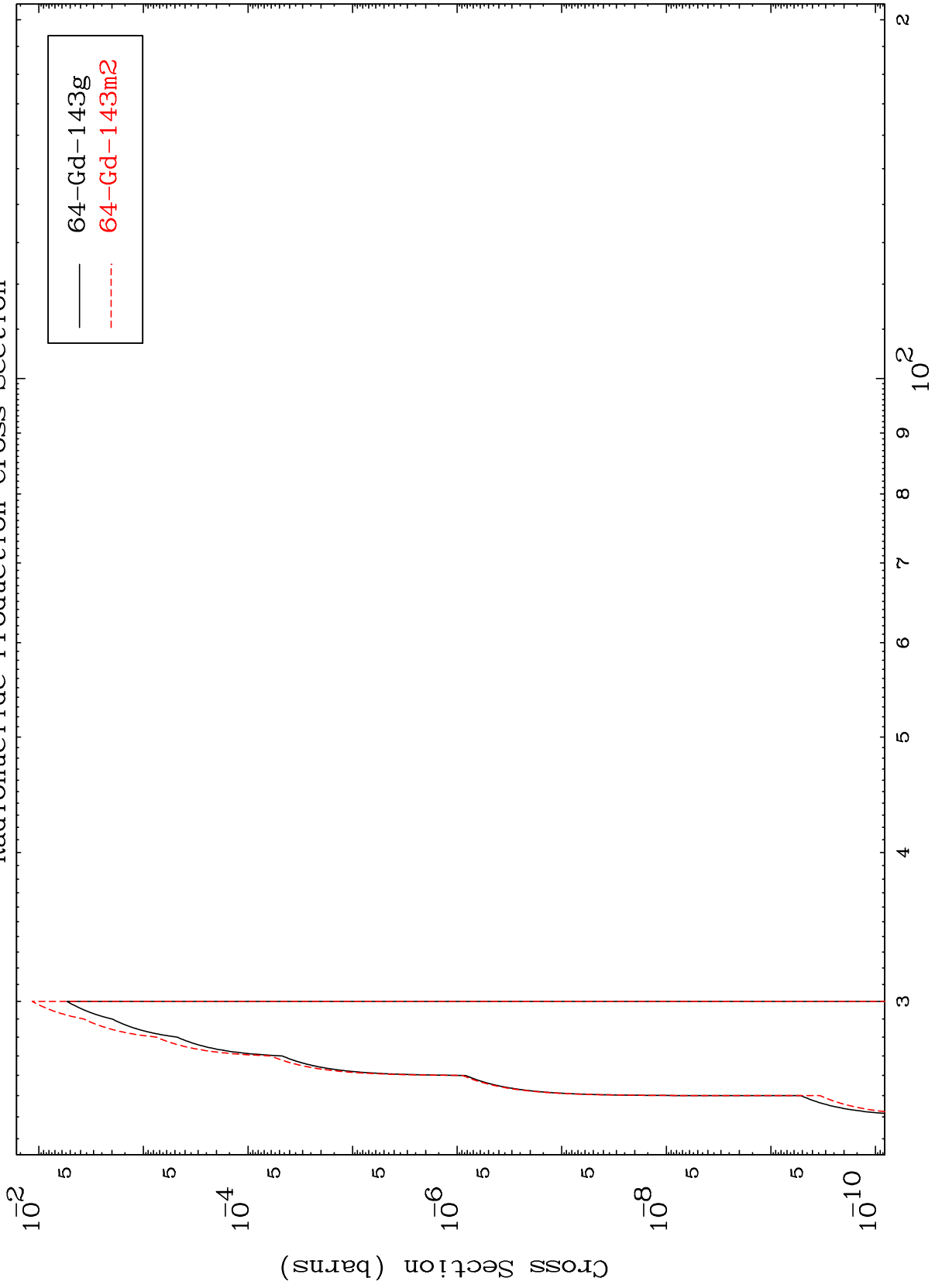
65-Tb-146

MAT 6487

(n,3n) p

65-Tb-146

Radionuclide Production Cross Section



26

Incident Energy (MeV)

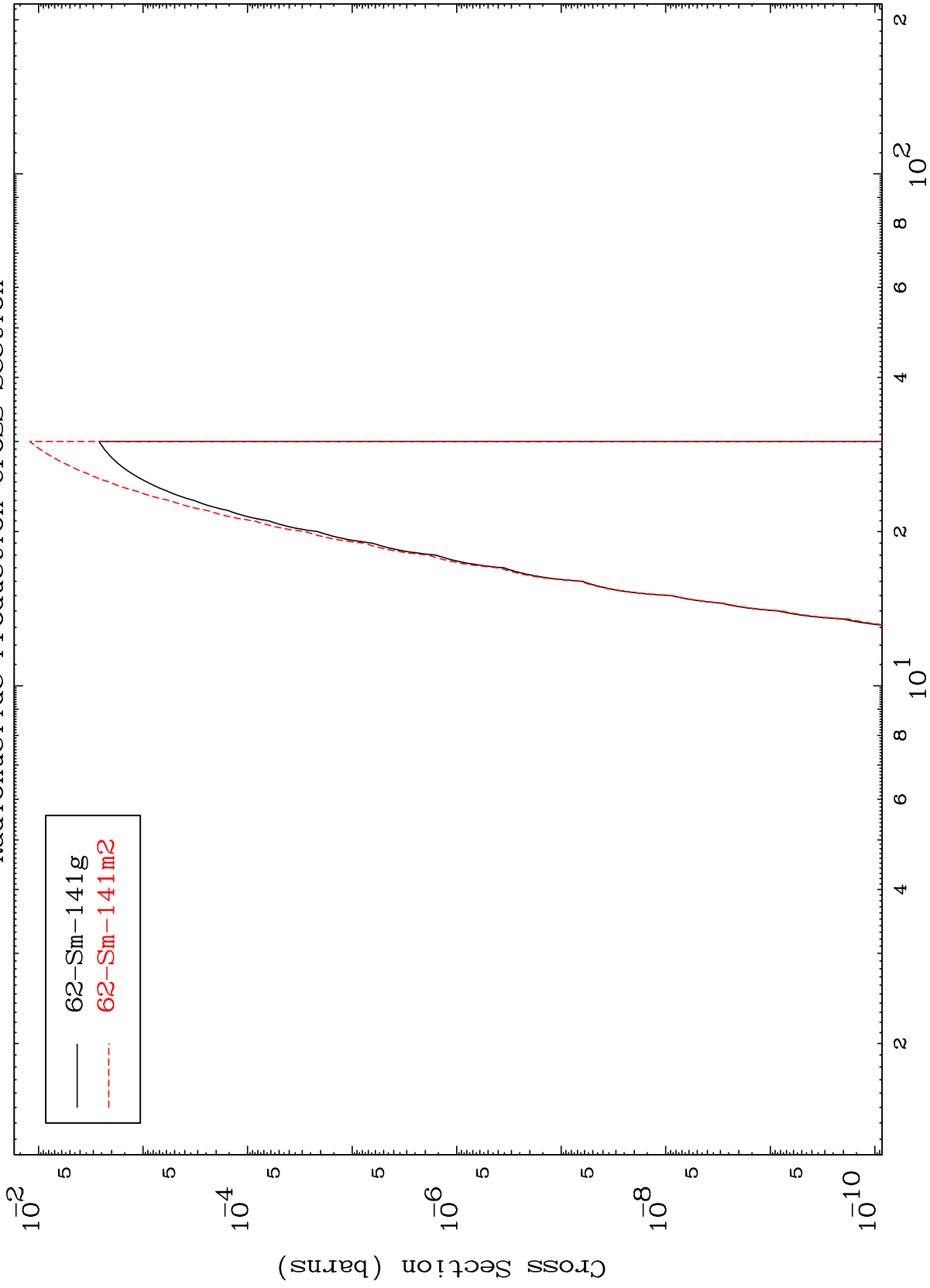
65-Tb-146

MAT 6487

(n,n') p  $\alpha$

65-Tb-146

Radionuclide Production Cross Section



62-Sm-141 g  
62-Sm-141 m2

27

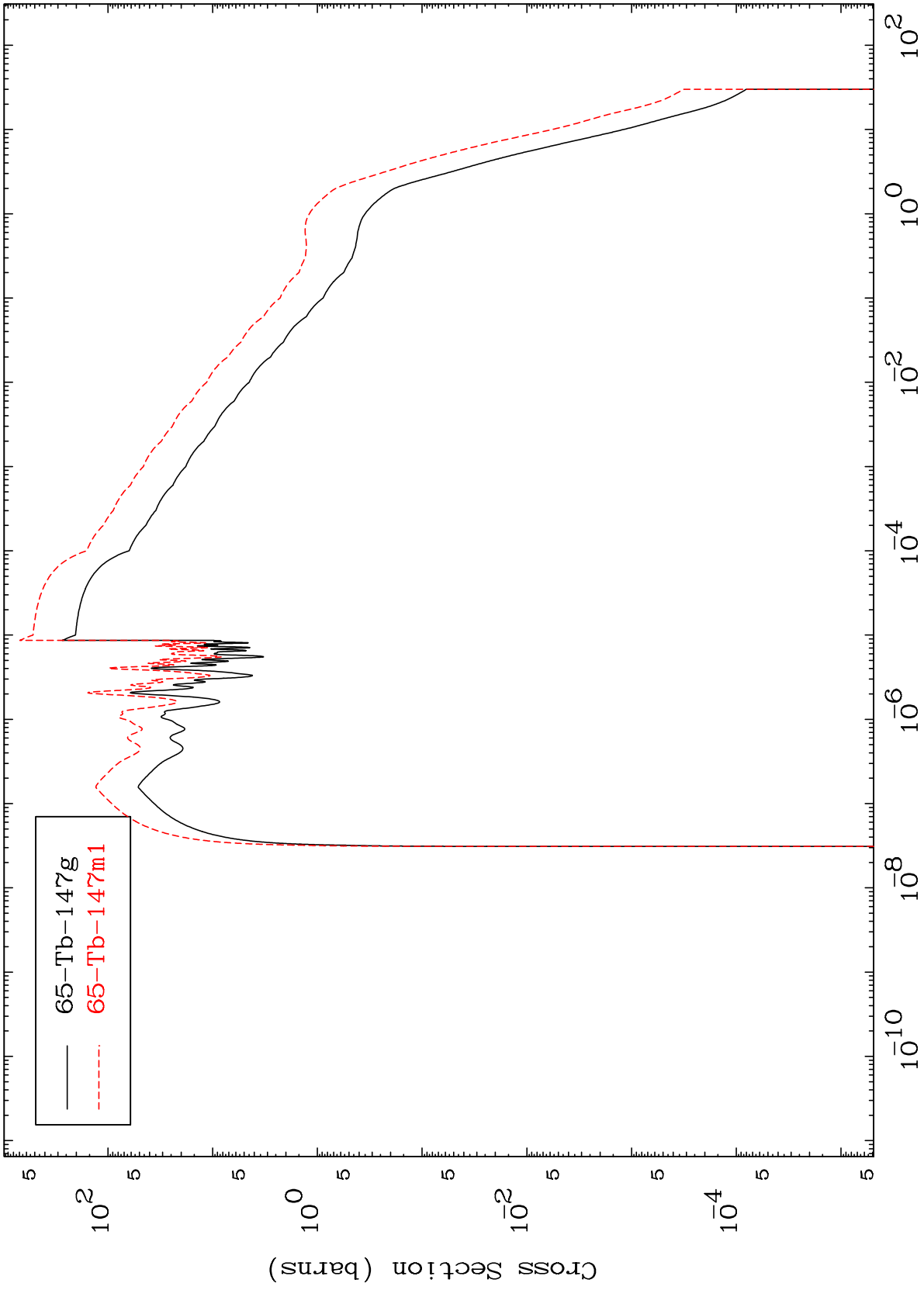
Incident Energy (MeV)

65-Tb-146

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65-Tb-146

Radionuclide Production Cross Section (n,γ)



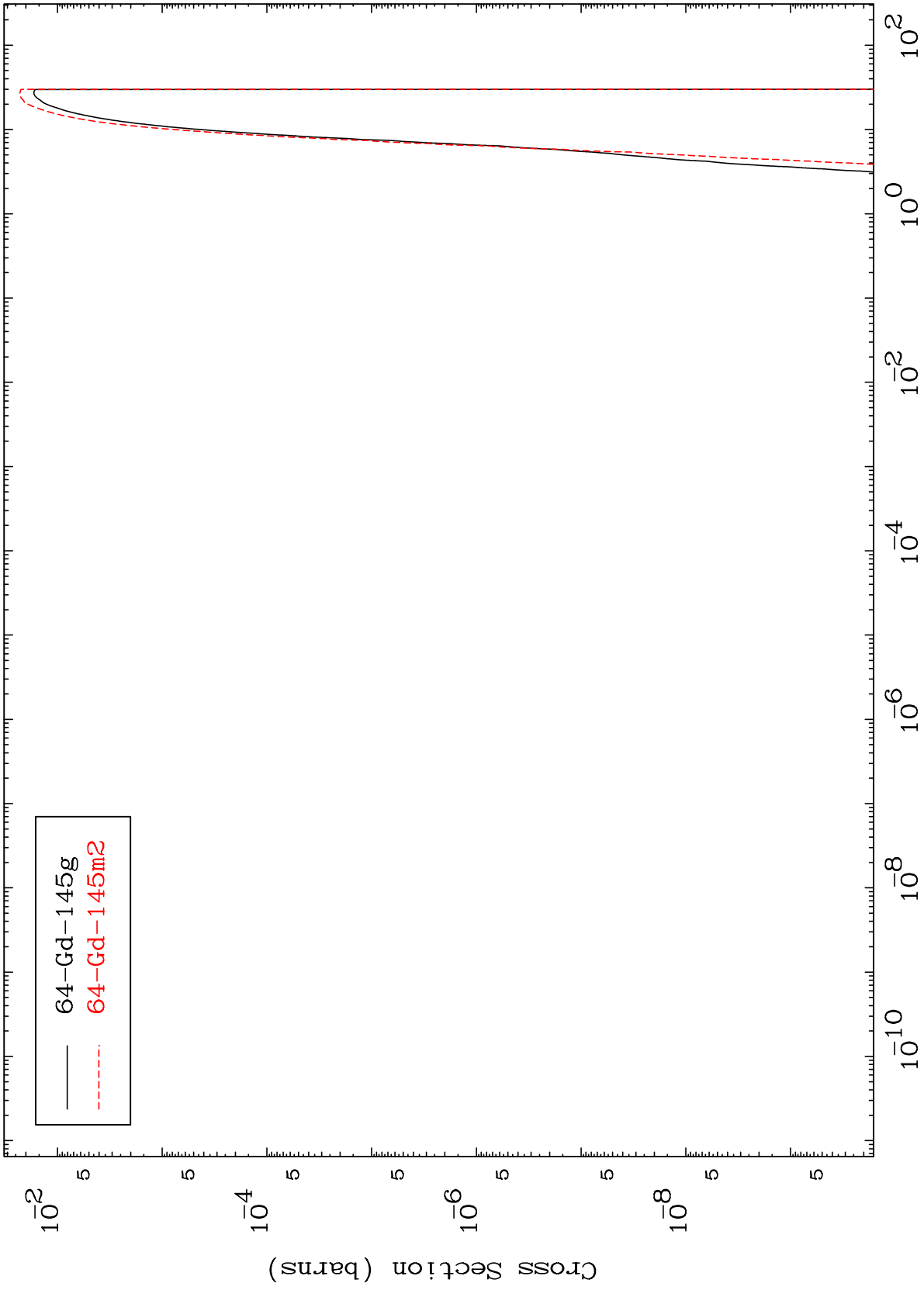
28

65-Tb-146

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(n,d)  
Radionuclide Production Cross Section

65-Tb-146



29

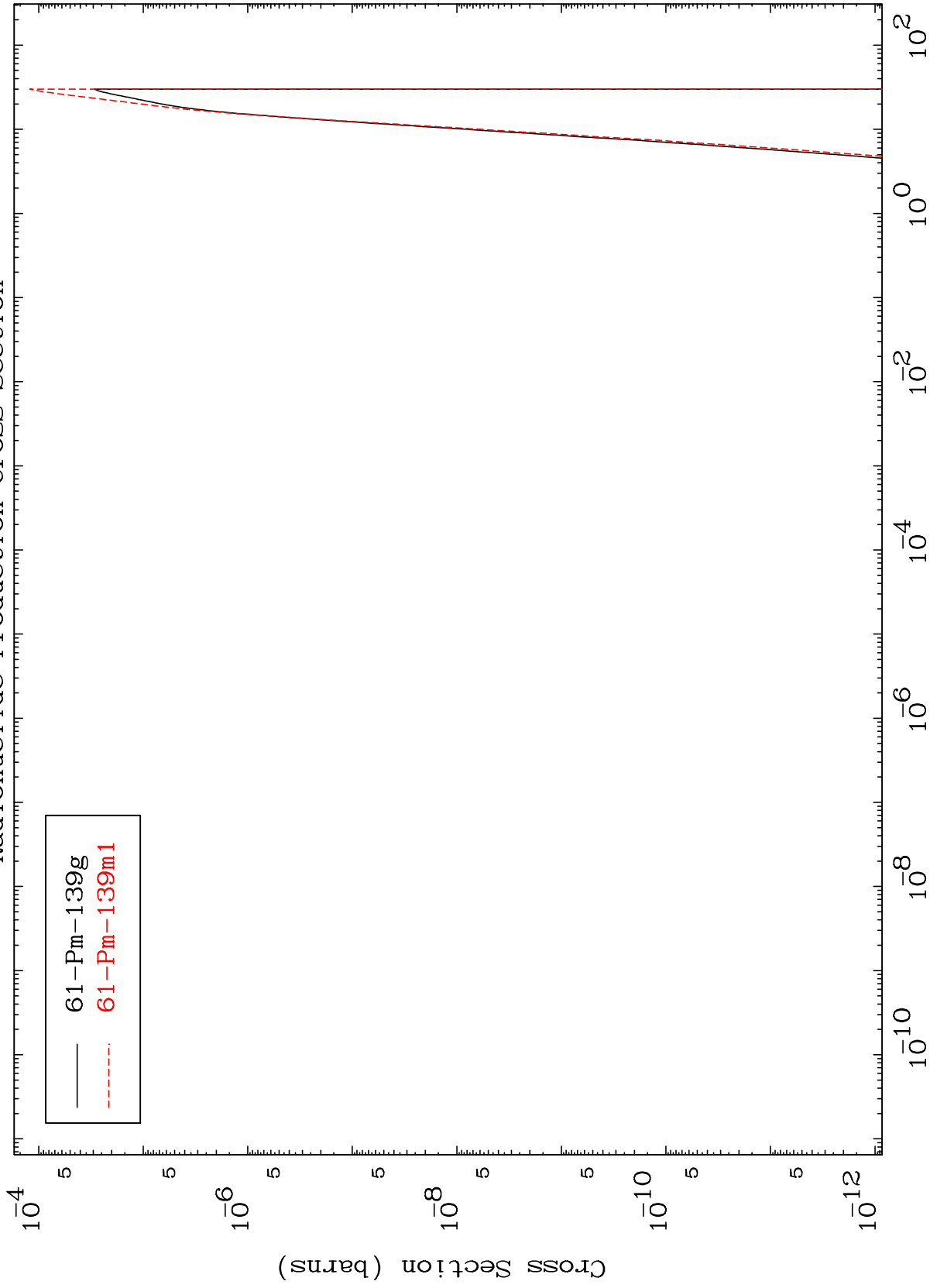
65-Tb-146

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(n,2α)

65-Tb-146

Radionuclide Production Cross Section



30

Incident Energy (MeV)

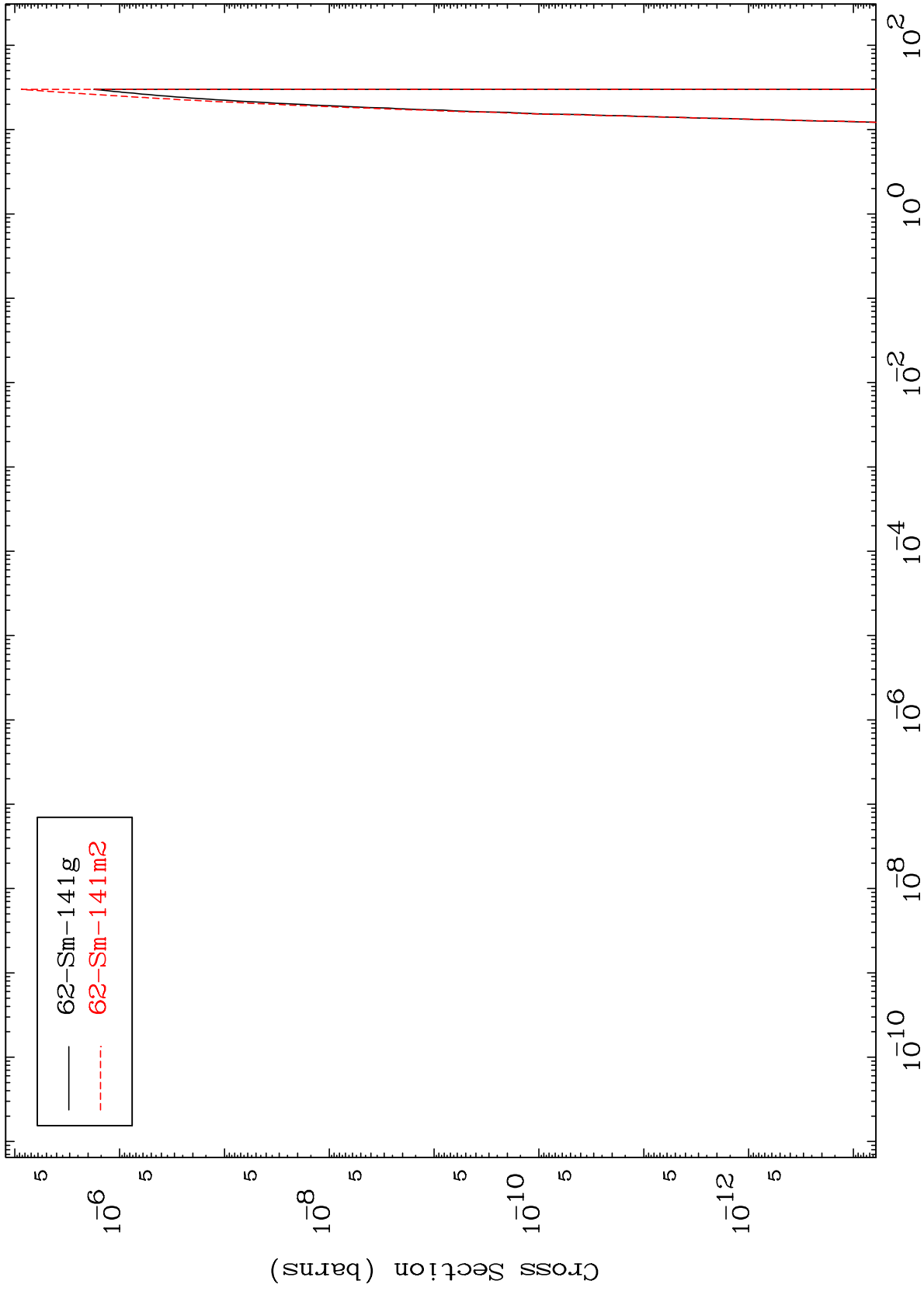
65-Tb-146

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(n,d)  $\alpha$

65-Tb-146

Radionuclide Production Cross Section



31

Incident Energy (MeV)

65-Tb-146