

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

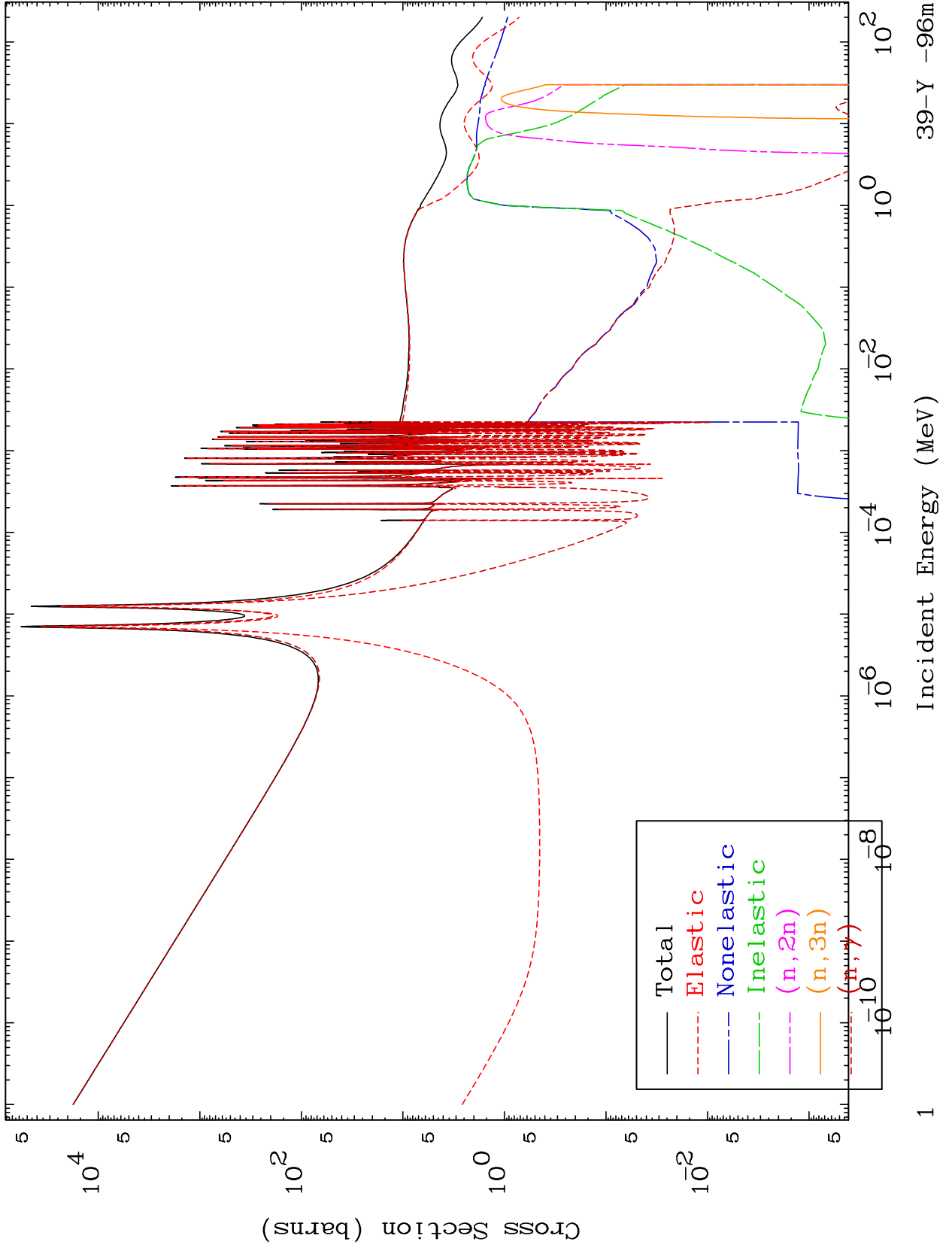
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3947

Neutron Major  
293 Kelvin Cross Sections

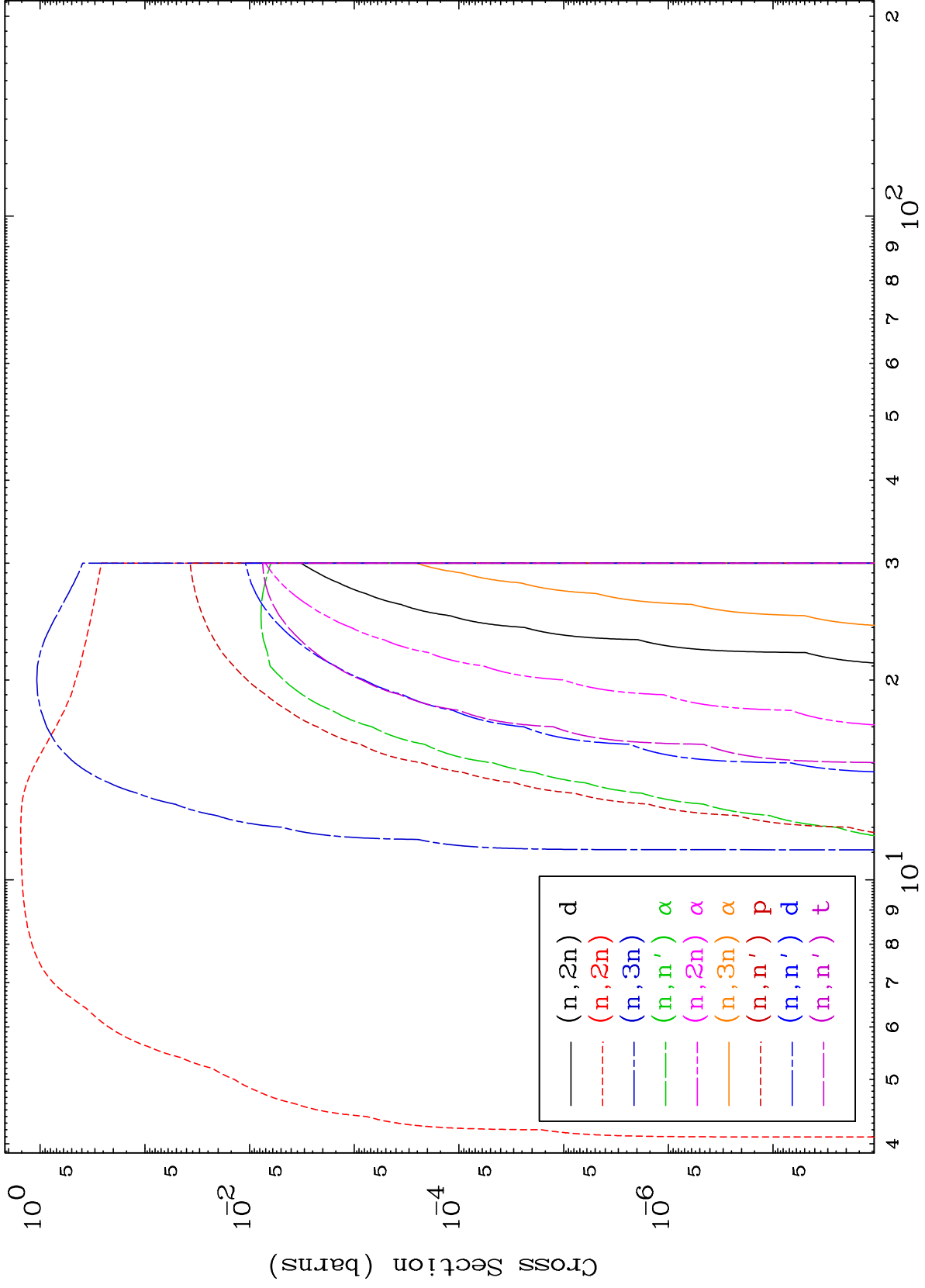
39-Y -96m



MAT 3947

Neutron Absorption  
293 Kelvin Cross Sections

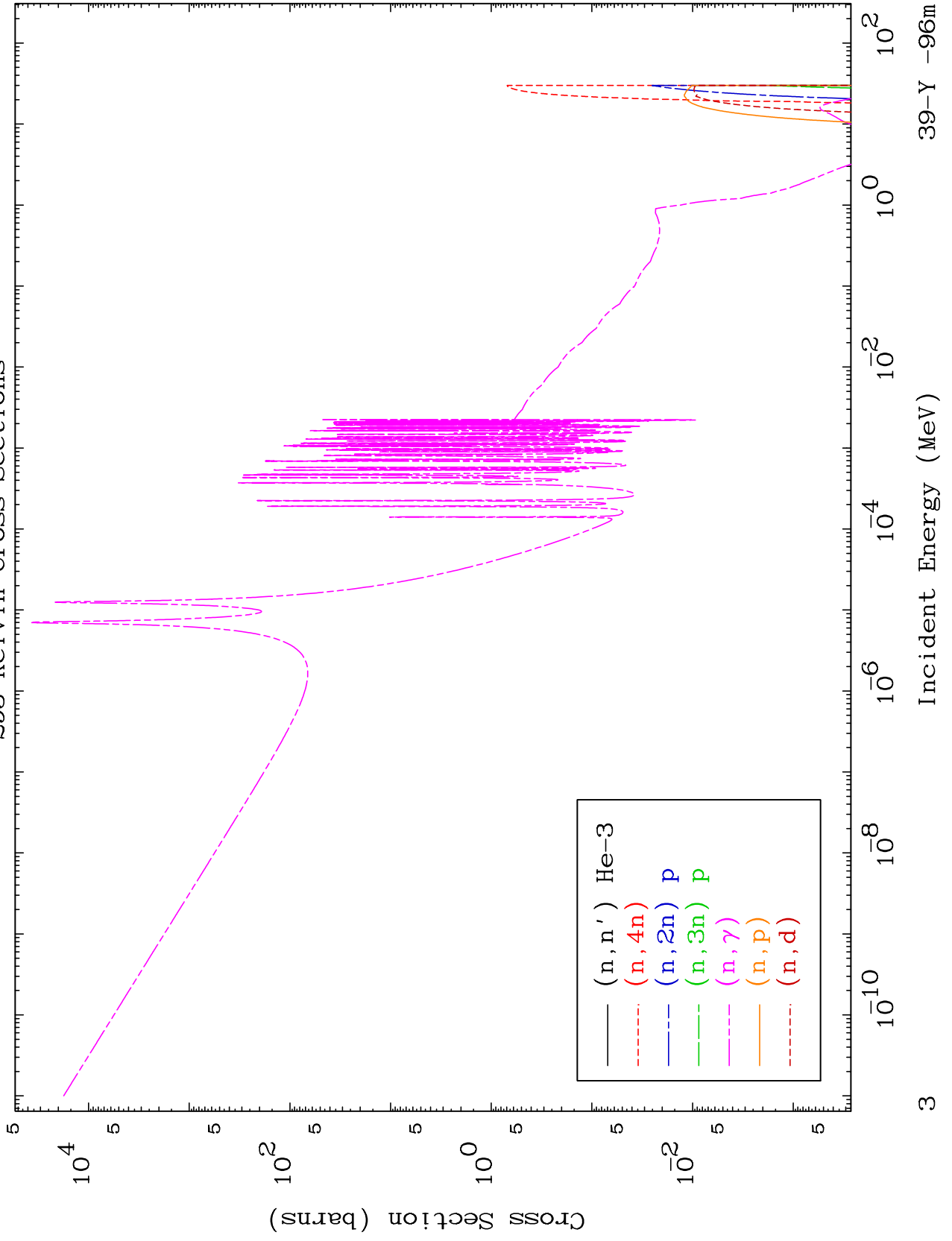
39-Y -96m



Incident Energy (MeV)

39-Y -96m

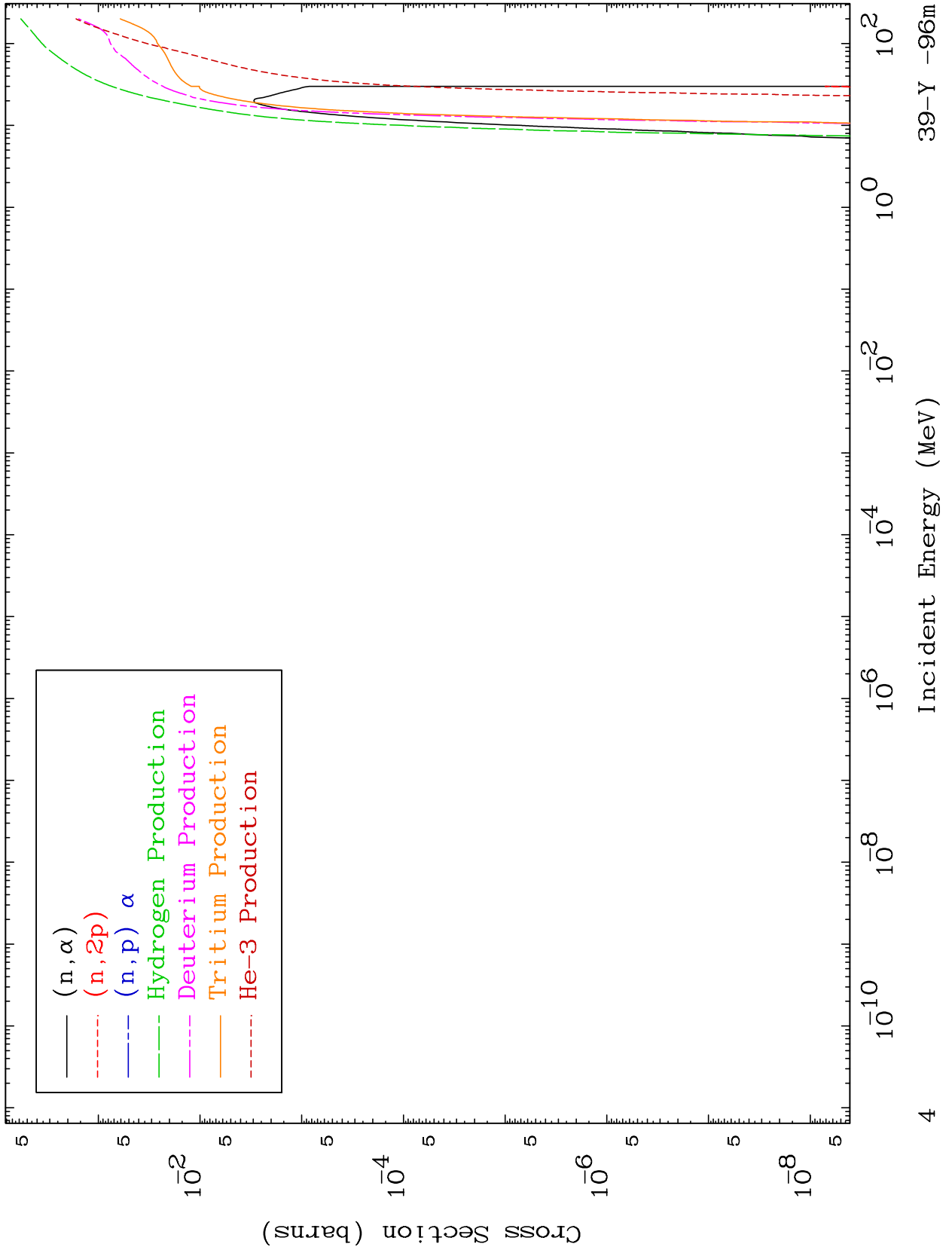
2



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Neutron Absorption  
293 Kelvin Cross Sections

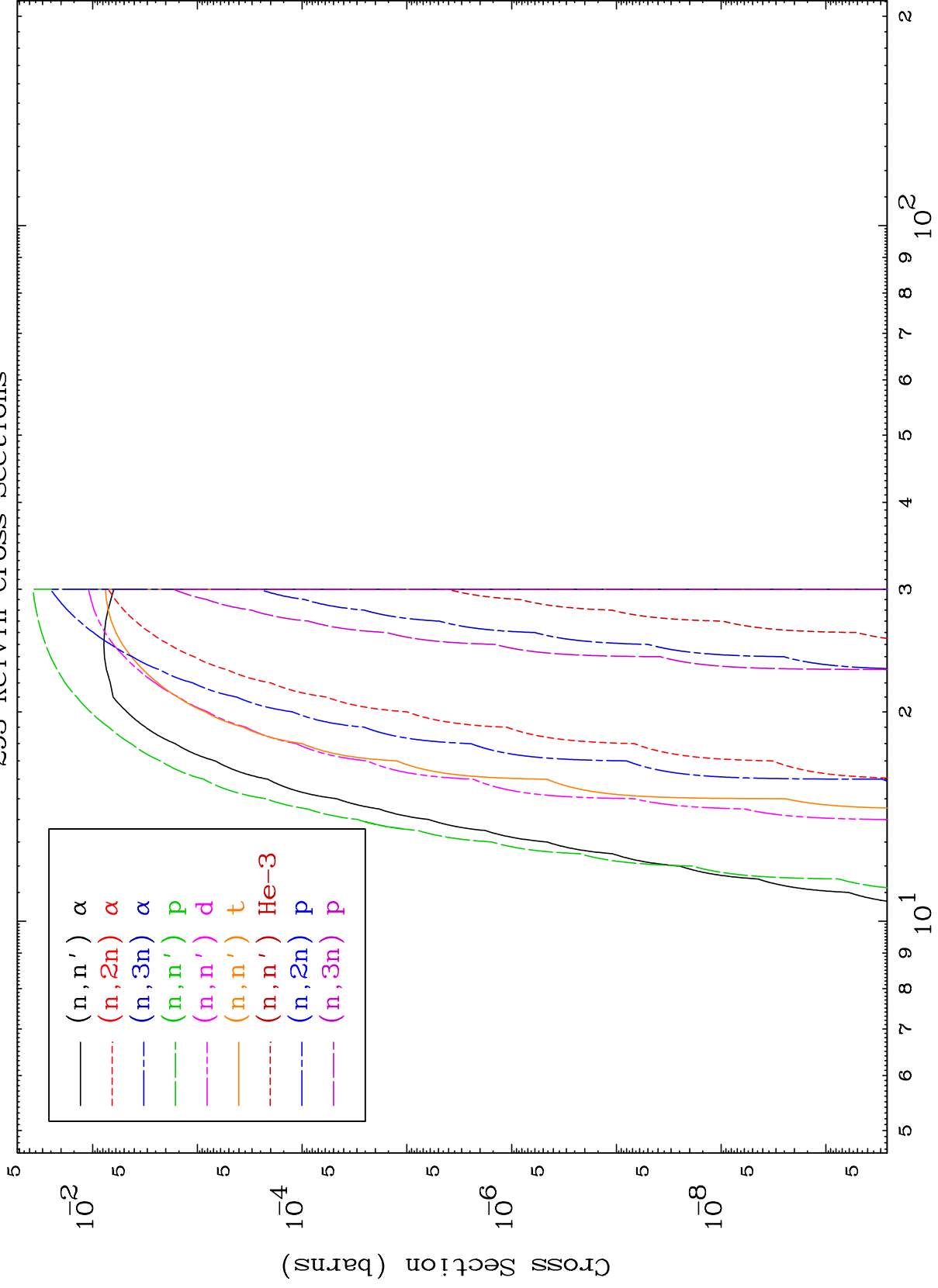
39-Y -96m



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Charged Particle  
293 Kelvin Cross Sections

39-Y -96m



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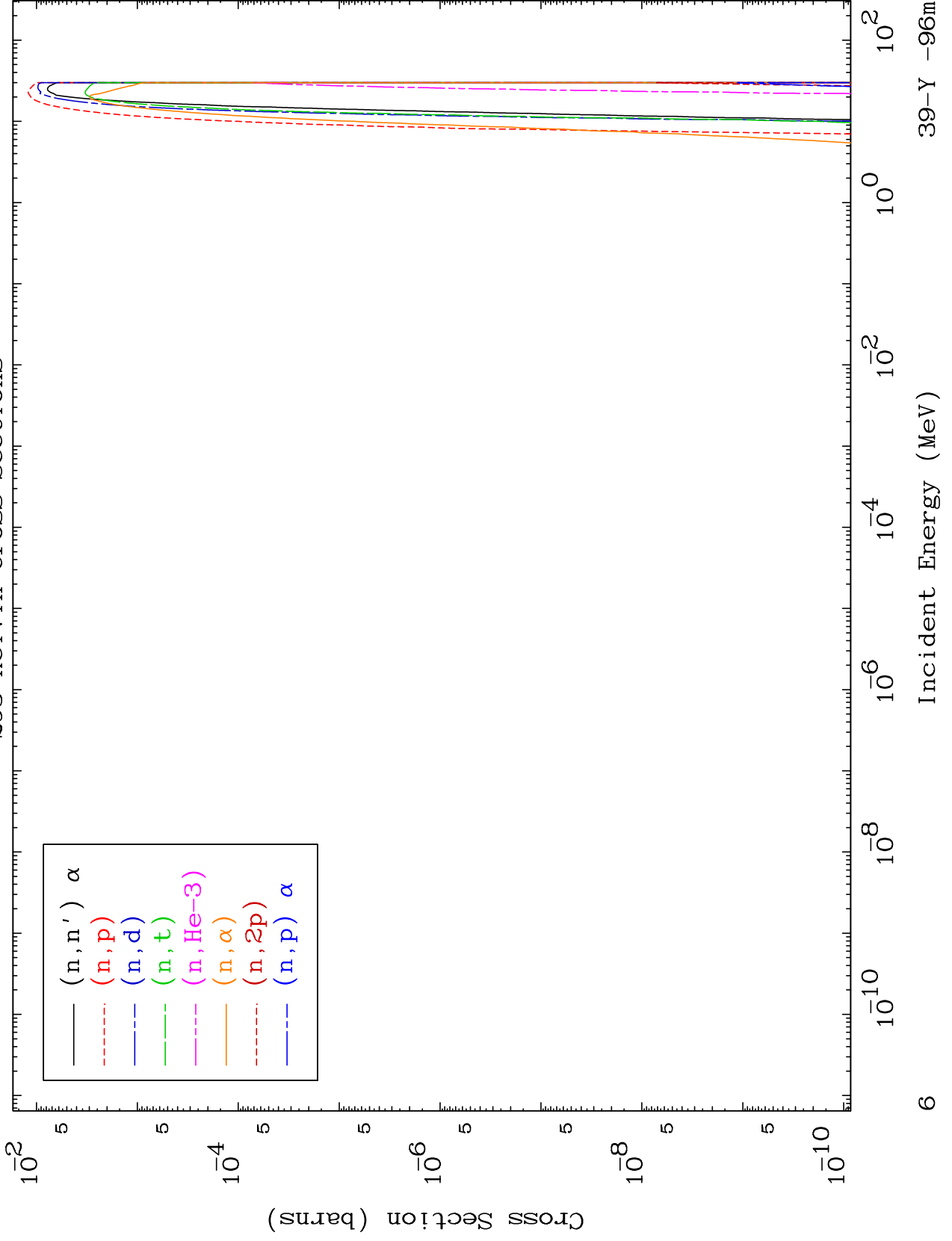
Incident Energy (MeV)

39-Y -96m

MAT 3947

Charged Particle  
293 Kelvin Cross Sections

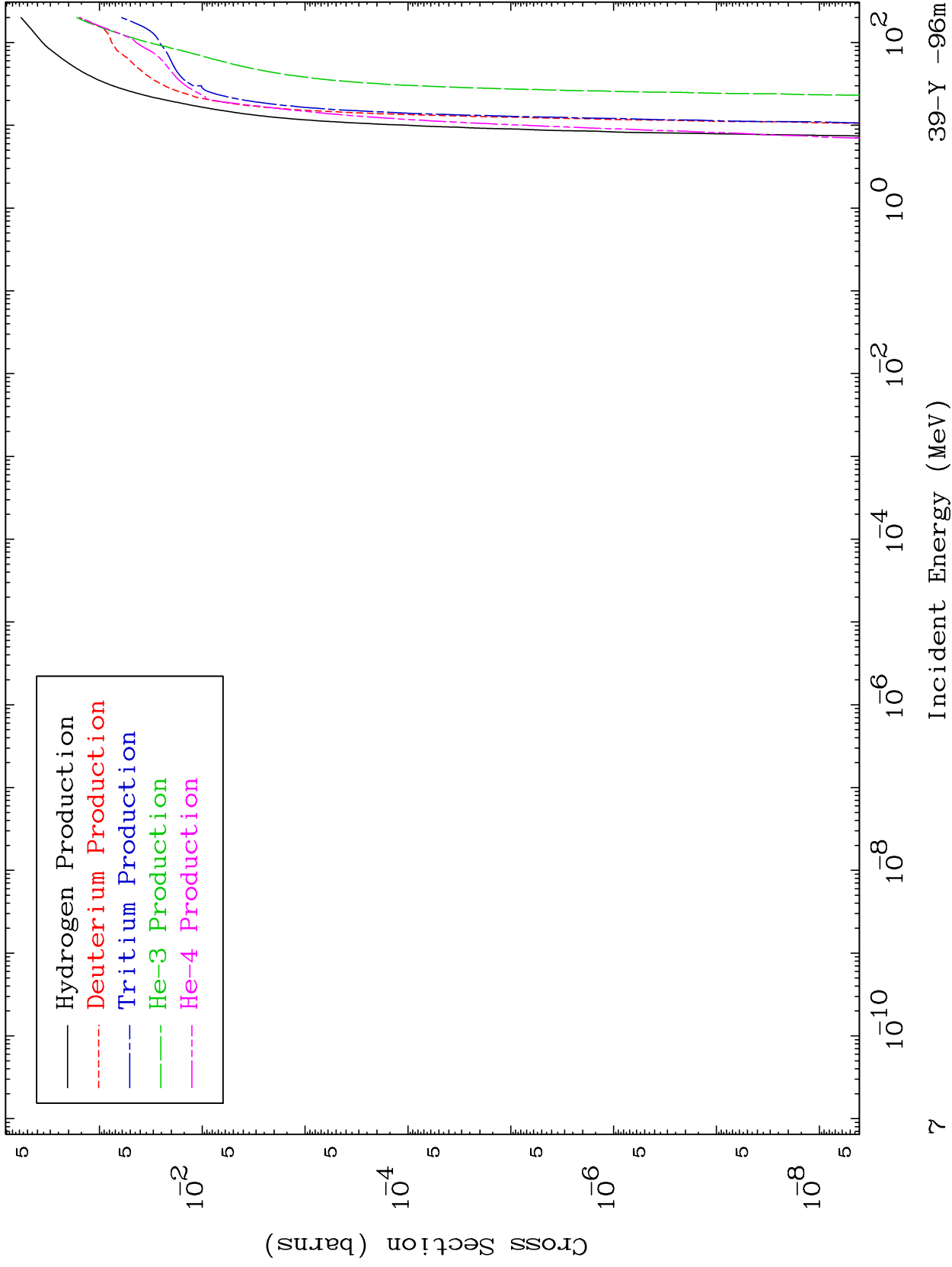
39-Y -96m



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Particle Production  
293 Kelvin Cross Sections

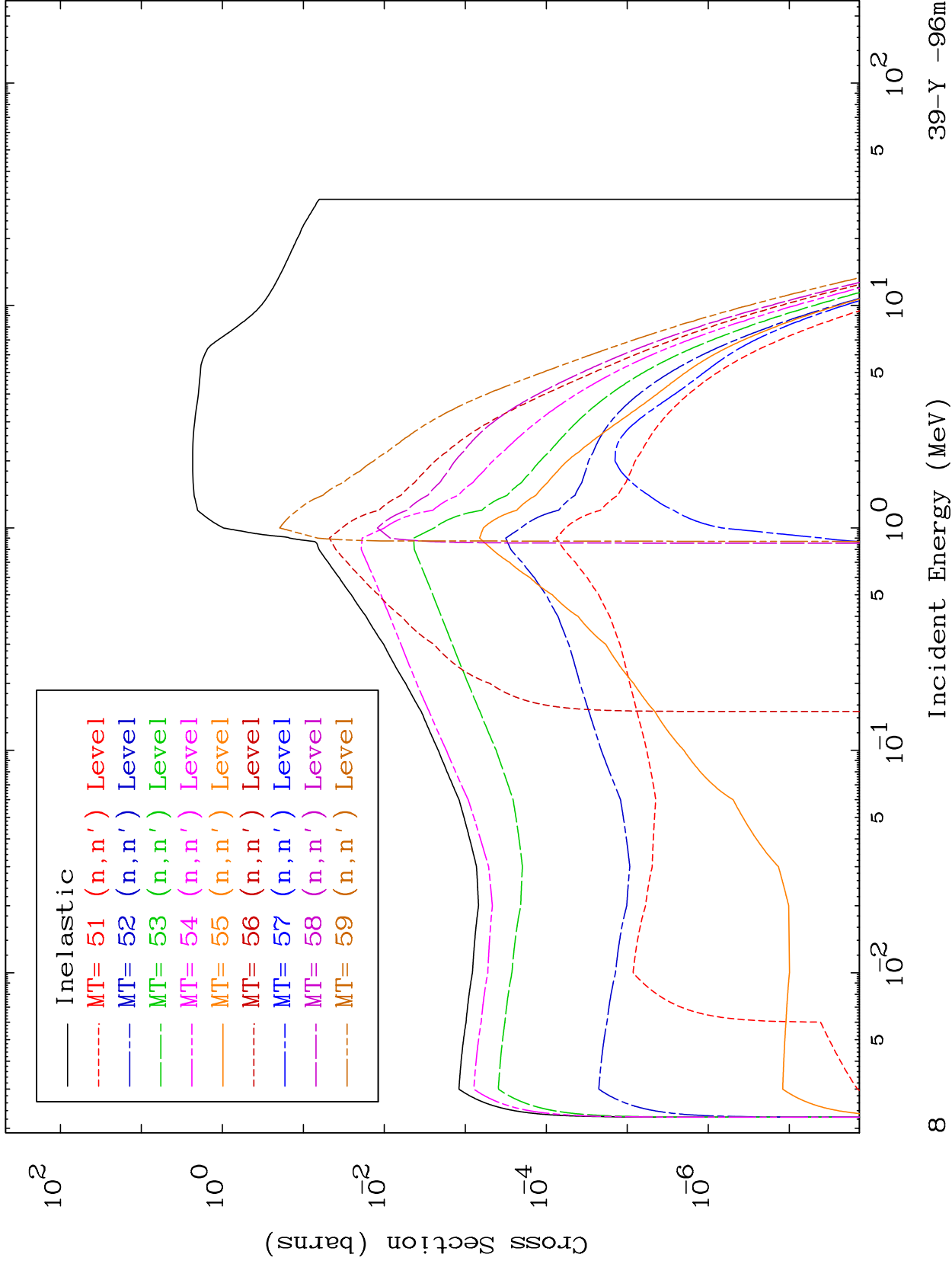
39-Y -96m



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(n,n') Levels  
293 Kelvin Cross Sections

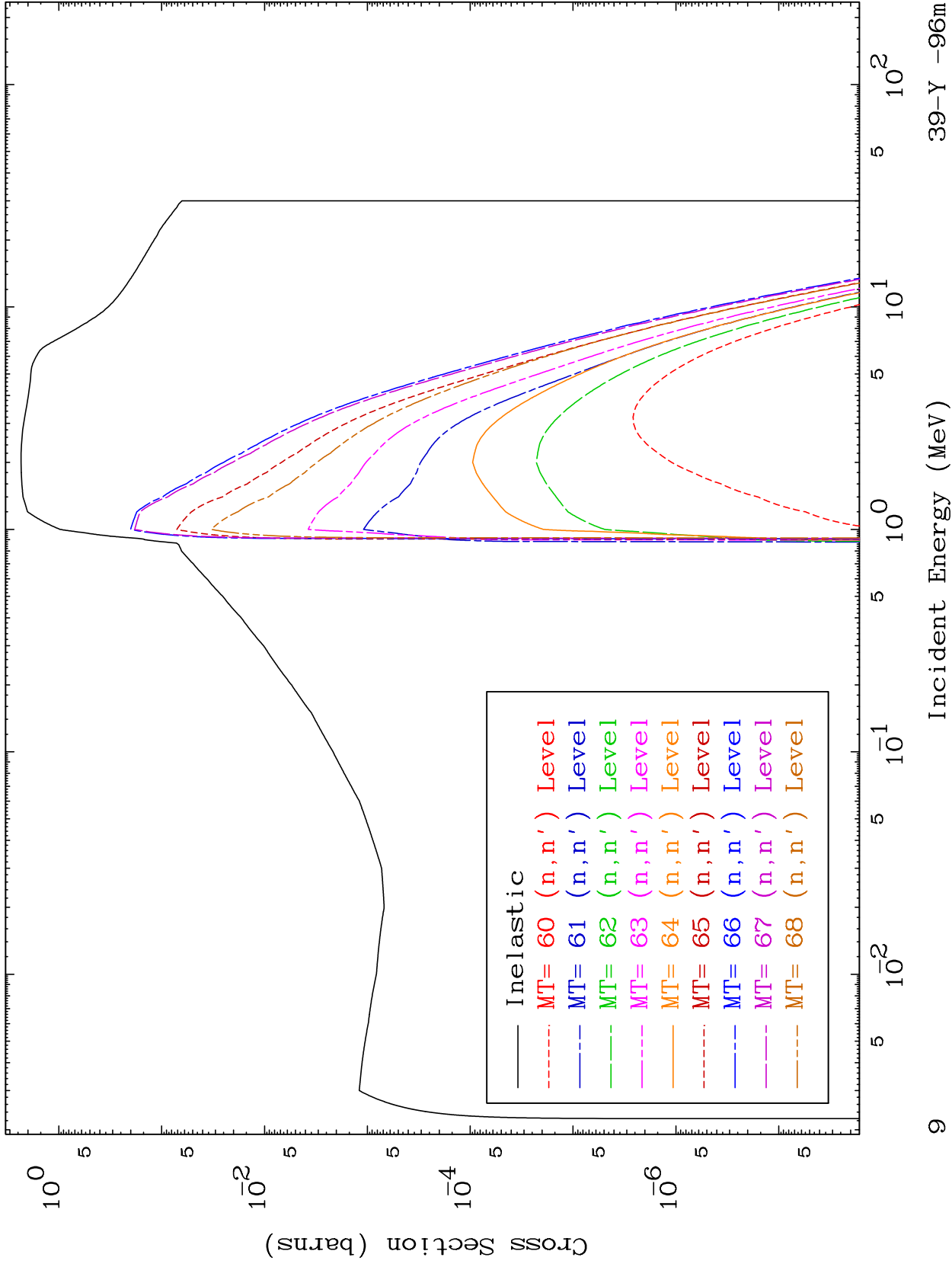
39-Y -96m



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293 Kelvin Cross Sections  
(n,n') Levels

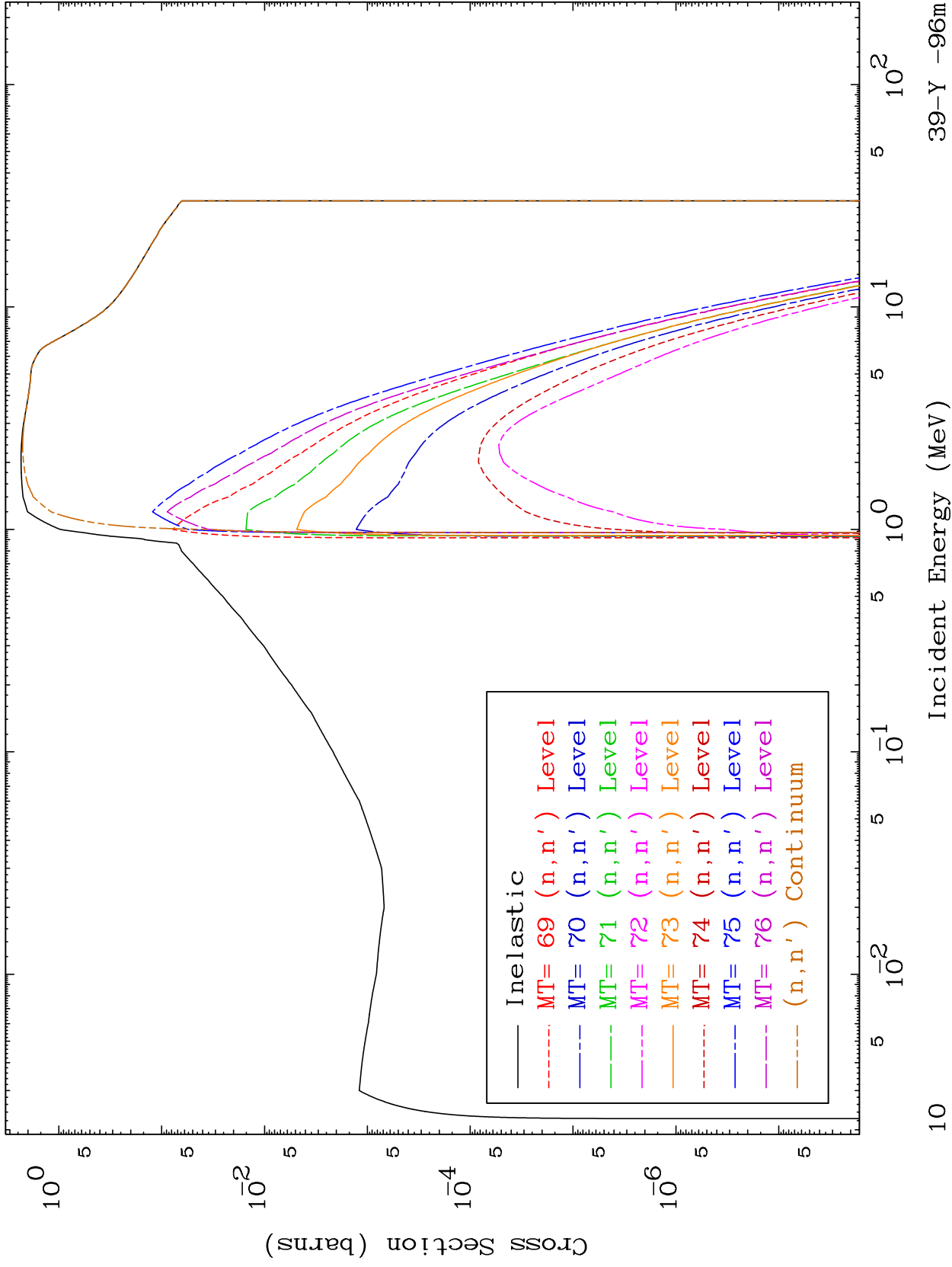
39-Y -96m



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293 Kelvin Cross Sections  
(n,n') Levels

39-Y -96m

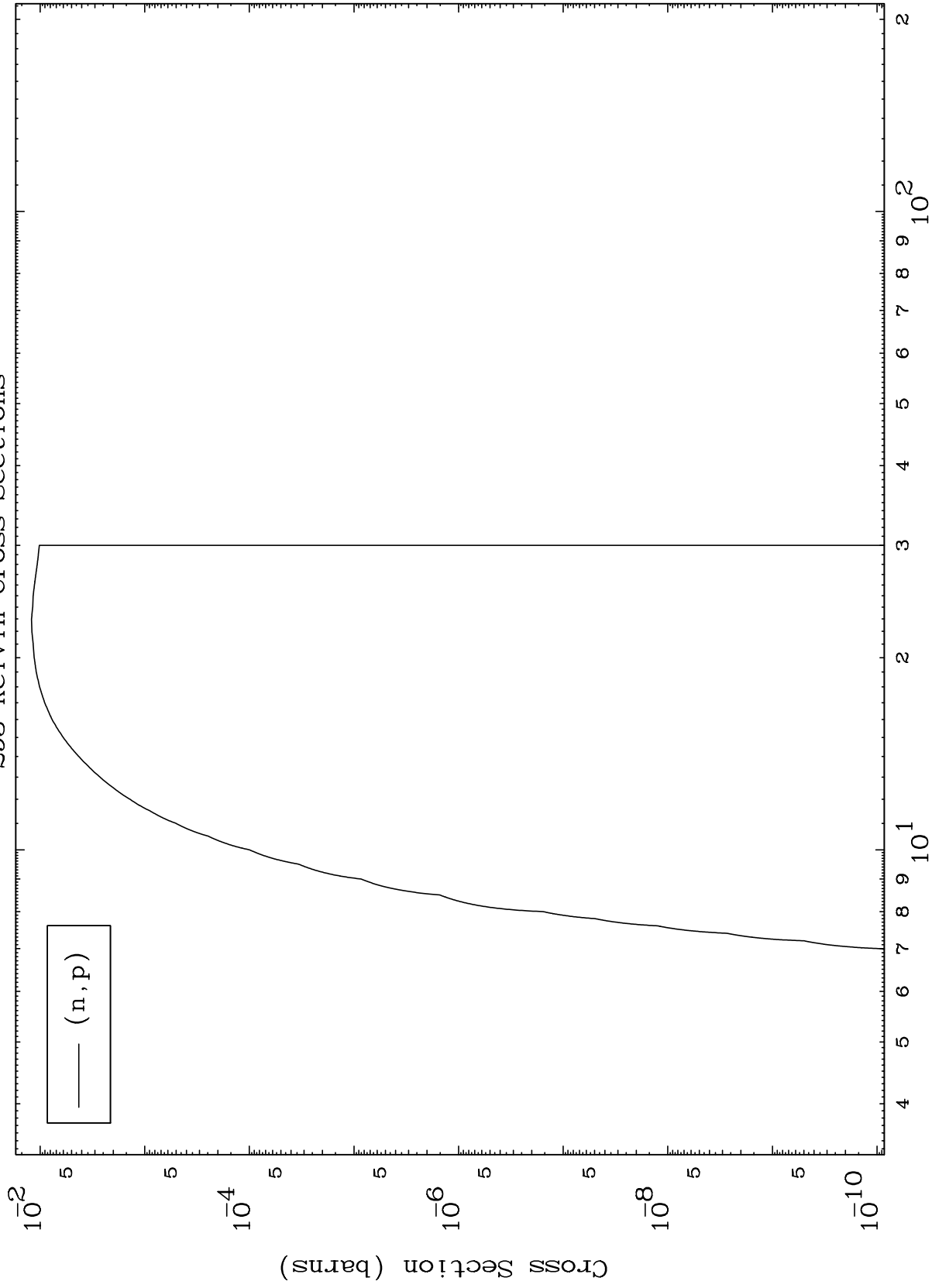


10

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(n,p) Levels  
293 Kelvin Cross Sections

39-Y -96m



(n,p)

Incident Energy (MeV)

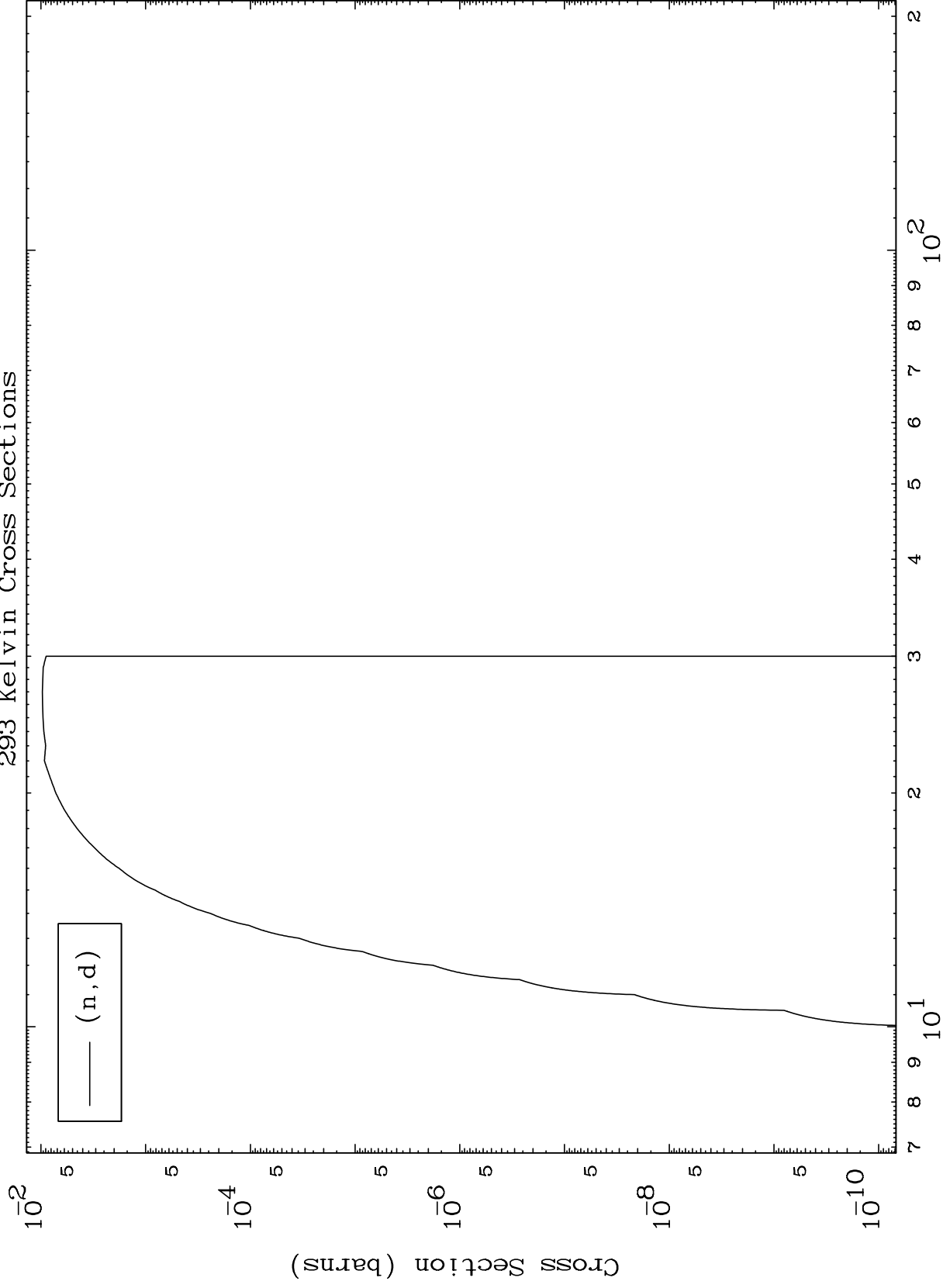
39-Y -96m

11

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(n,d) Levels  
293 Kelvin Cross Sections

39-Y -96m



(n,d)

Incident Energy (MeV)

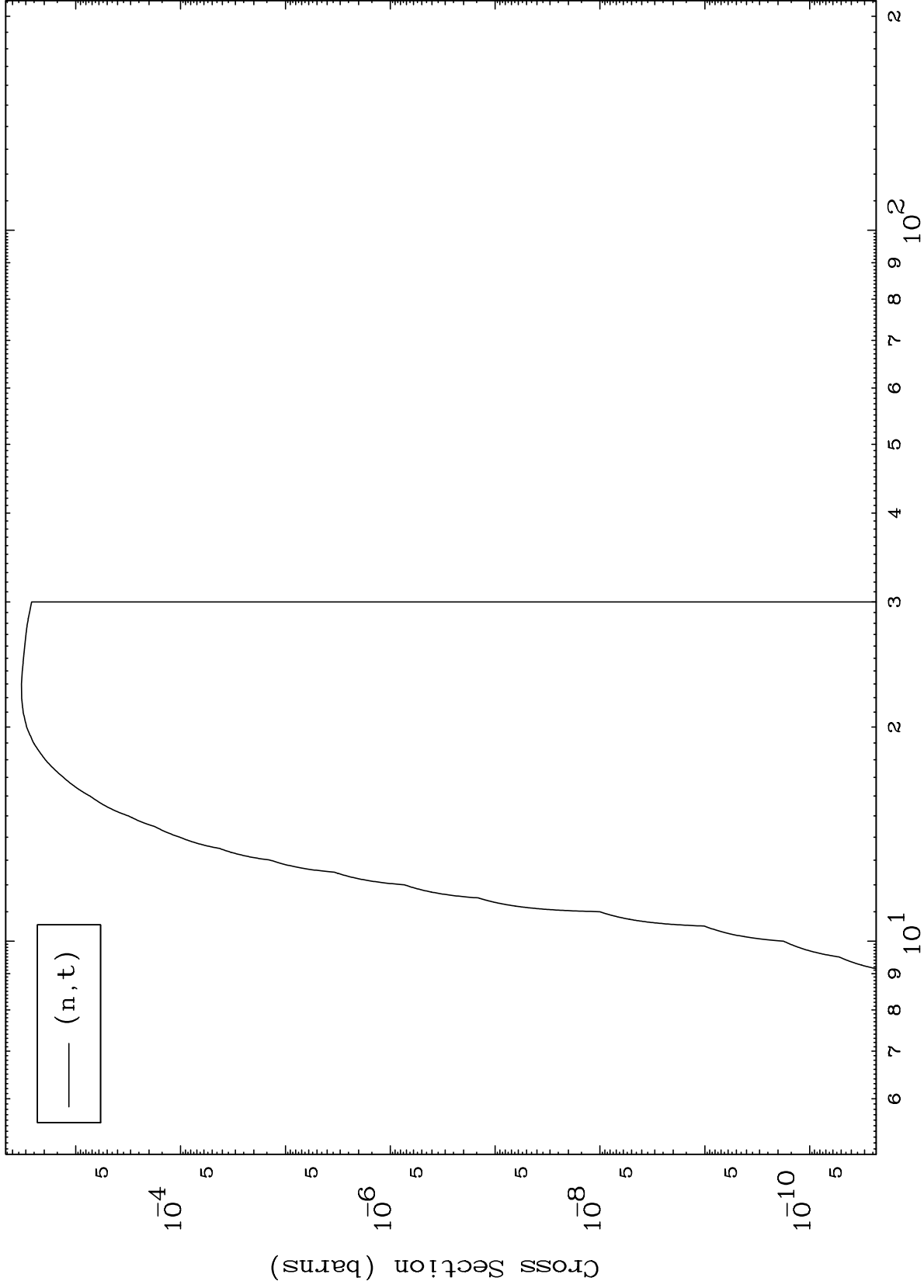
39-Y -96m

12

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(n,t) Levels  
293 Kelvin Cross Sections

39-Y -96m



13

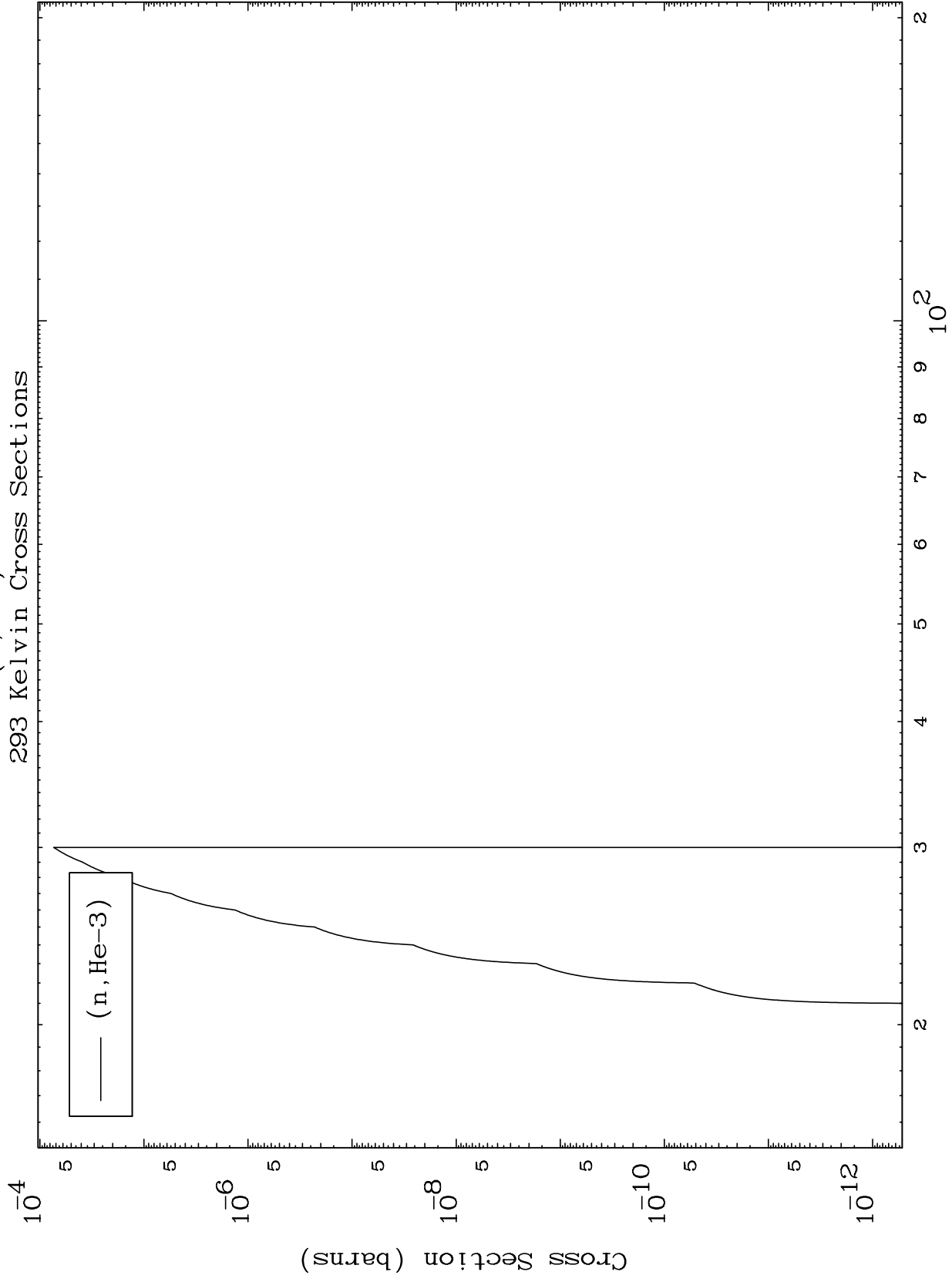
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -96m



14

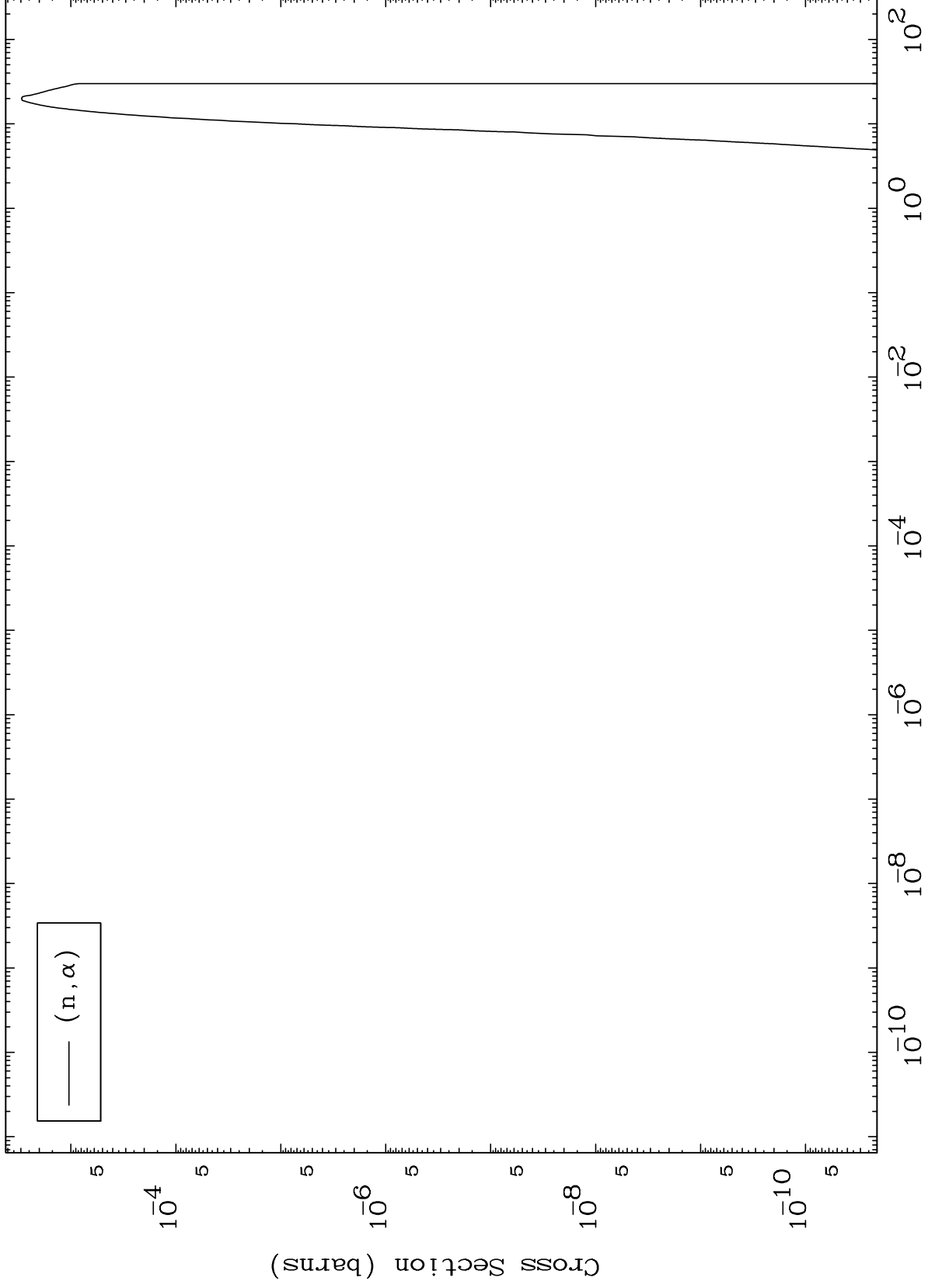
Incident Energy (MeV)

39-Y -96m

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

39-Y -96m



15

Incident Energy (MeV)

39-Y -96m

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Elastic Legendre Coefficients

39-Y -96m



39-Y -96m

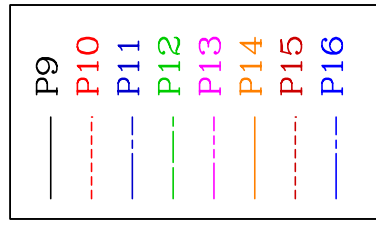
Incident Energy (MeV)

16

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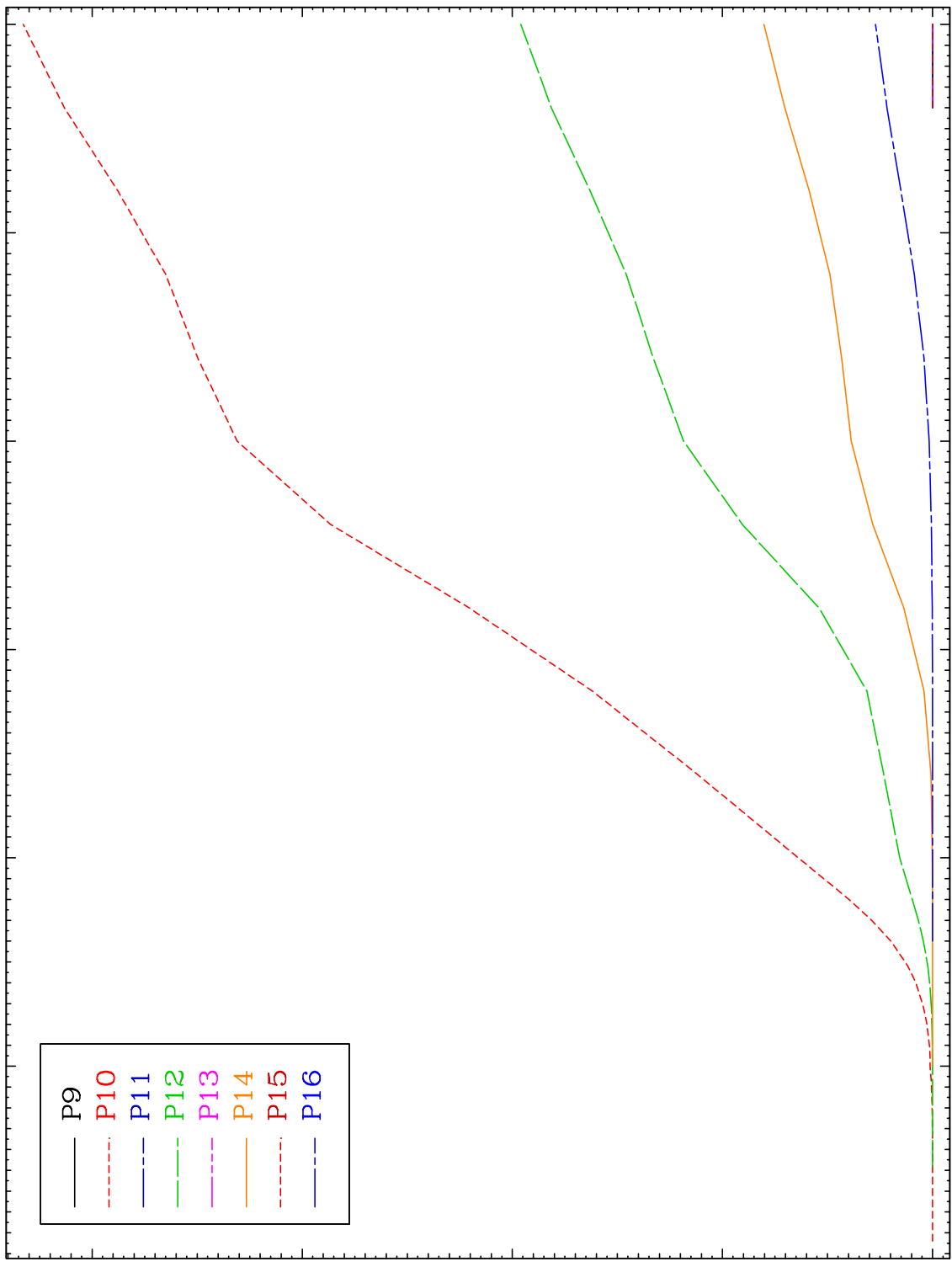
Elastic Legendre Coefficients

39-Y -96m



$\times 10^{-4}$

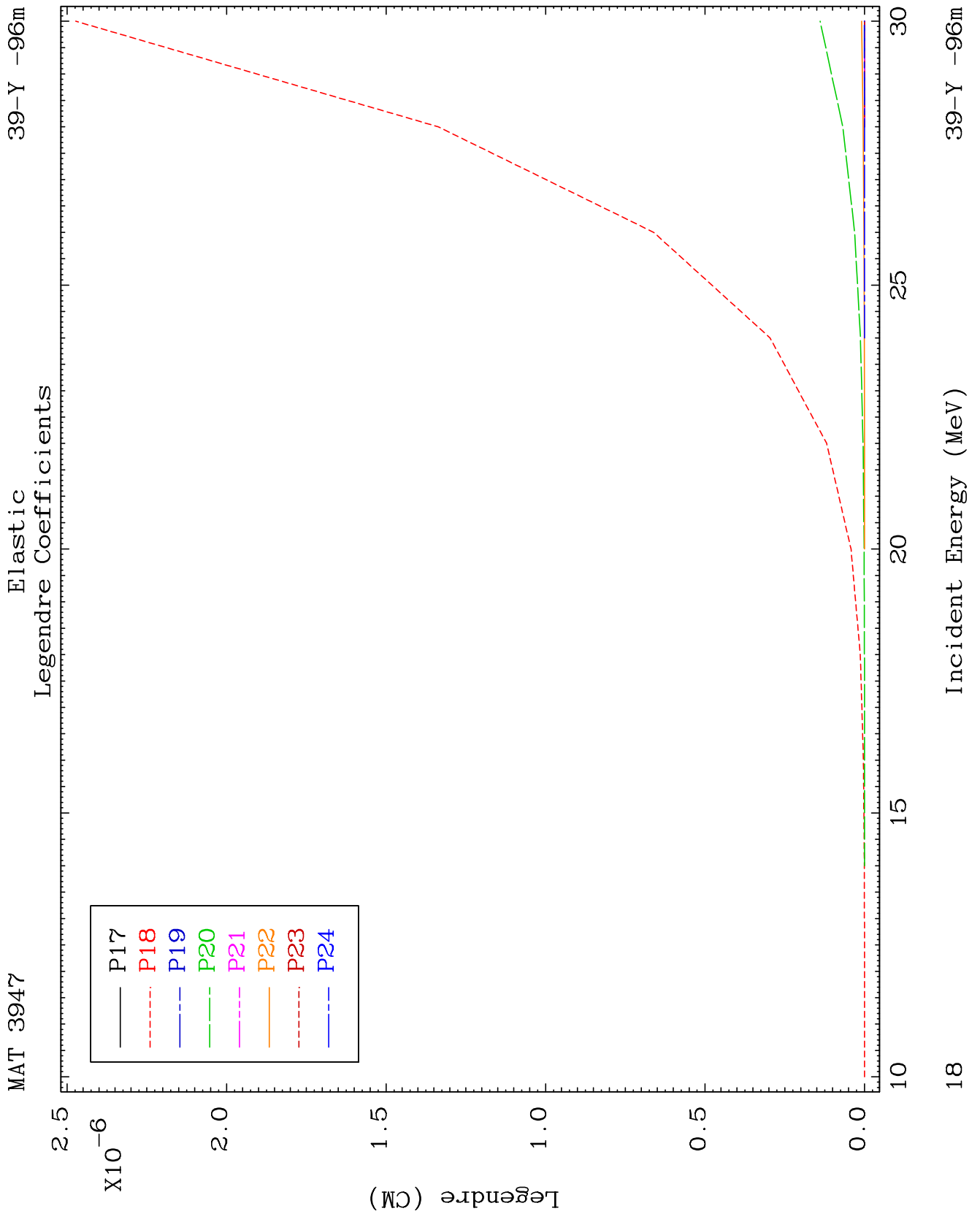
Legendre (CM)



17

Incident Energy (MeV)

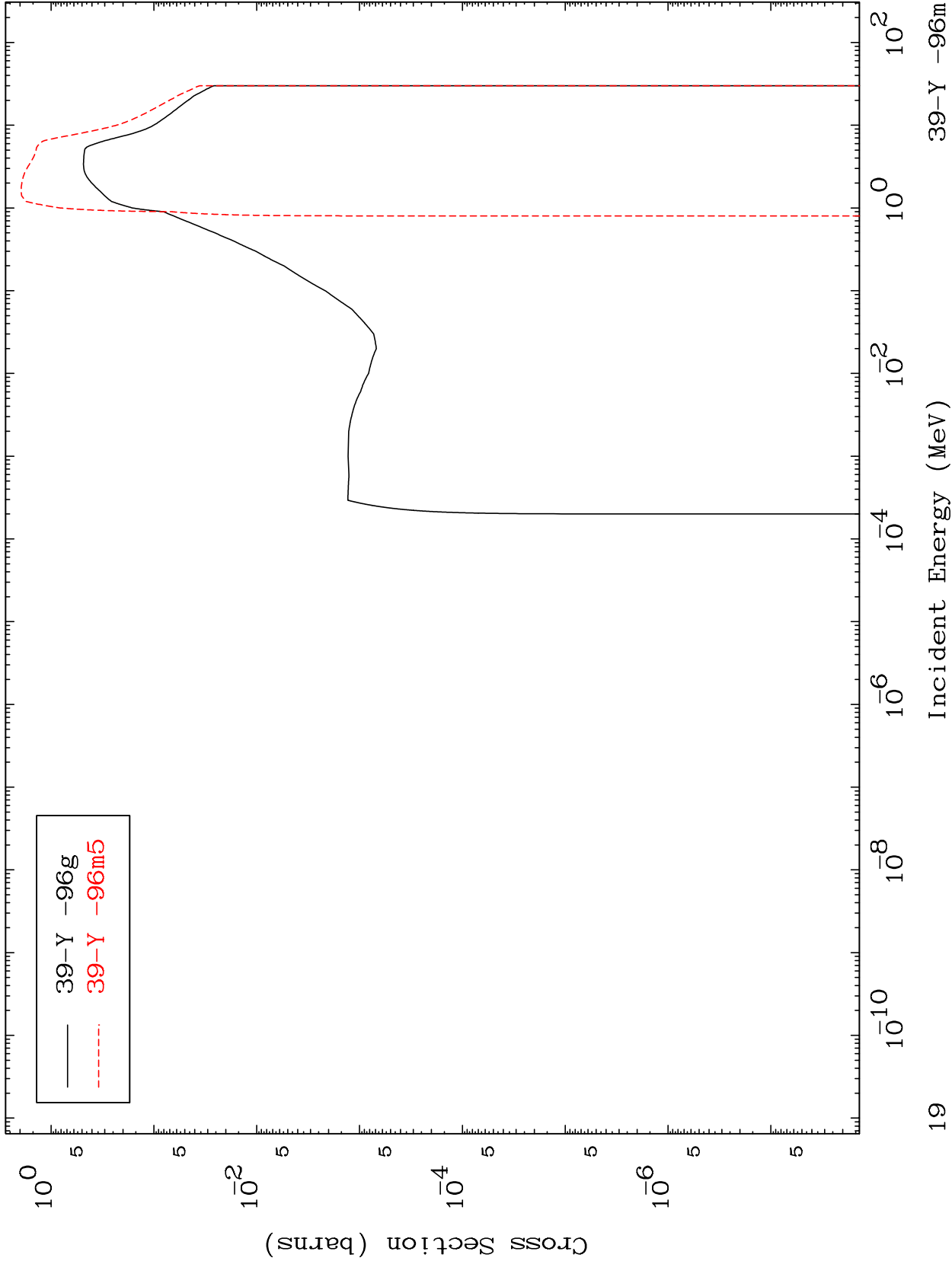
39-Y -96m



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Inelastic  
Radionuclide Production Cross Section

39-Y -96m

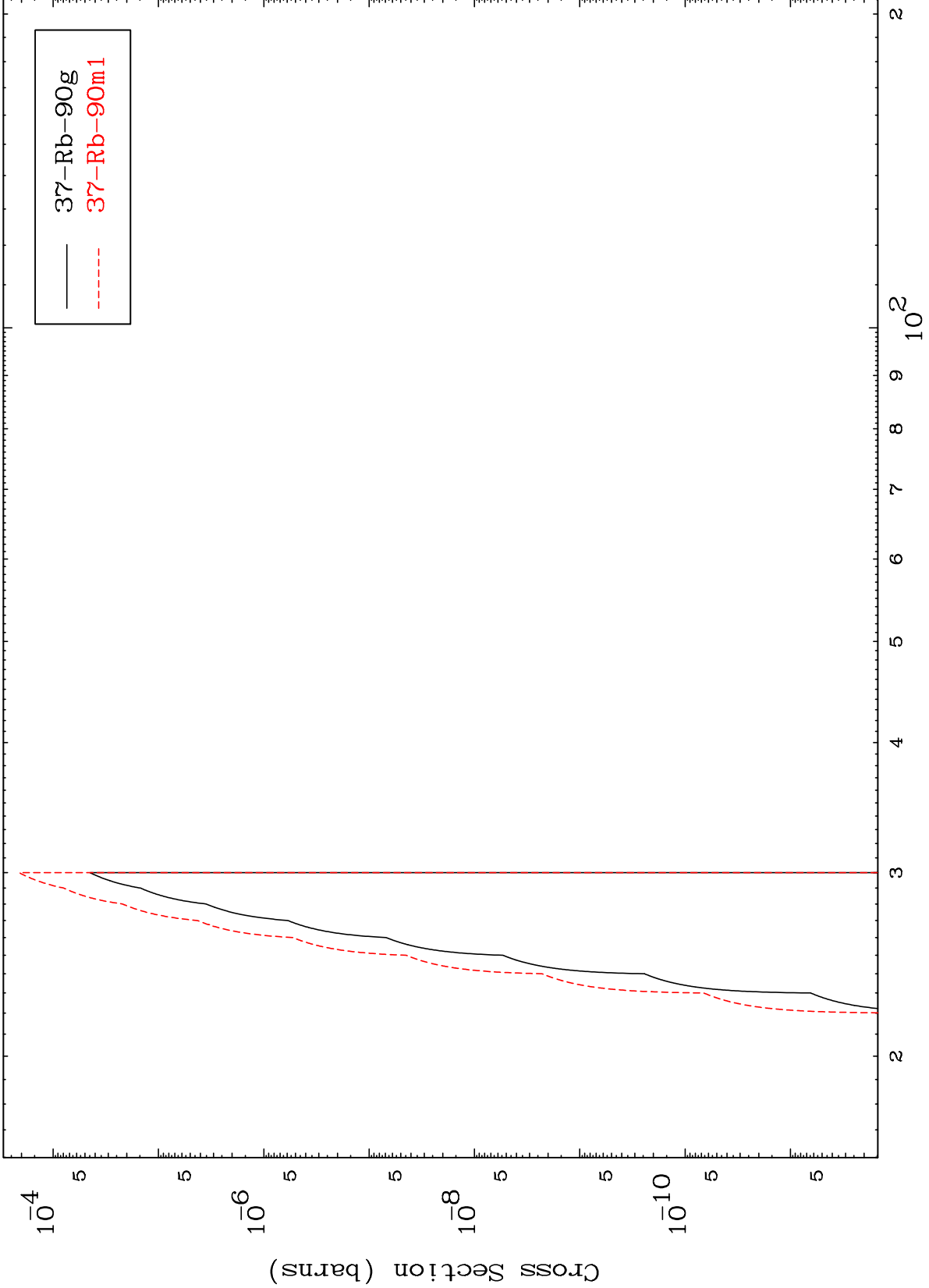


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(n,3n)  $\alpha$

39-Y -96m

Radionuclide Production Cross Section

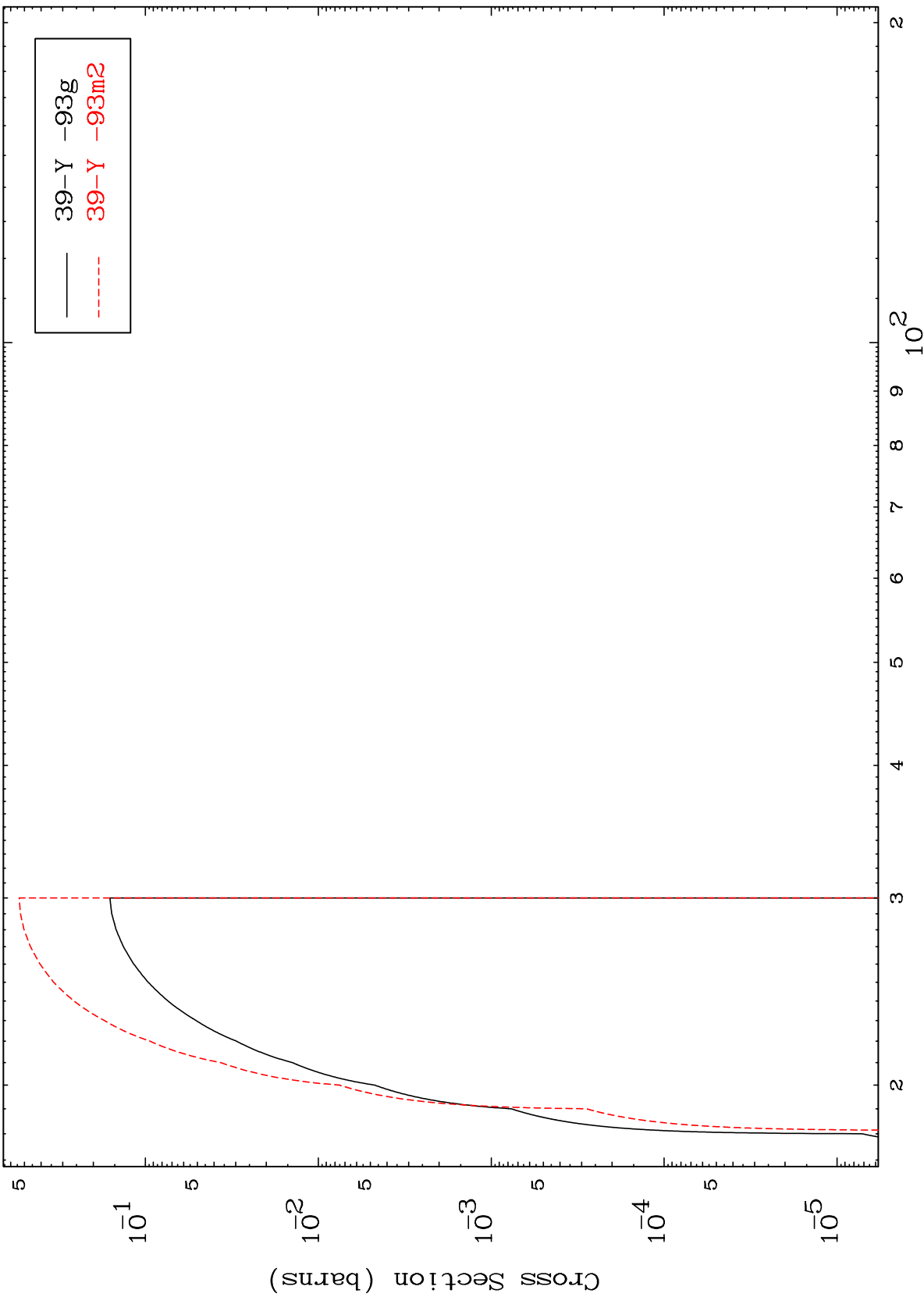


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Incident Energy (MeV)

39-Y -96m

(n,4n)  
Radionuclide Production Cross Section



MAT 3947

39-Y -96m

(n,γ)  
Radionuclide Production Cross Section

