

Program EVALPLOT
(Version 2021-1)

by

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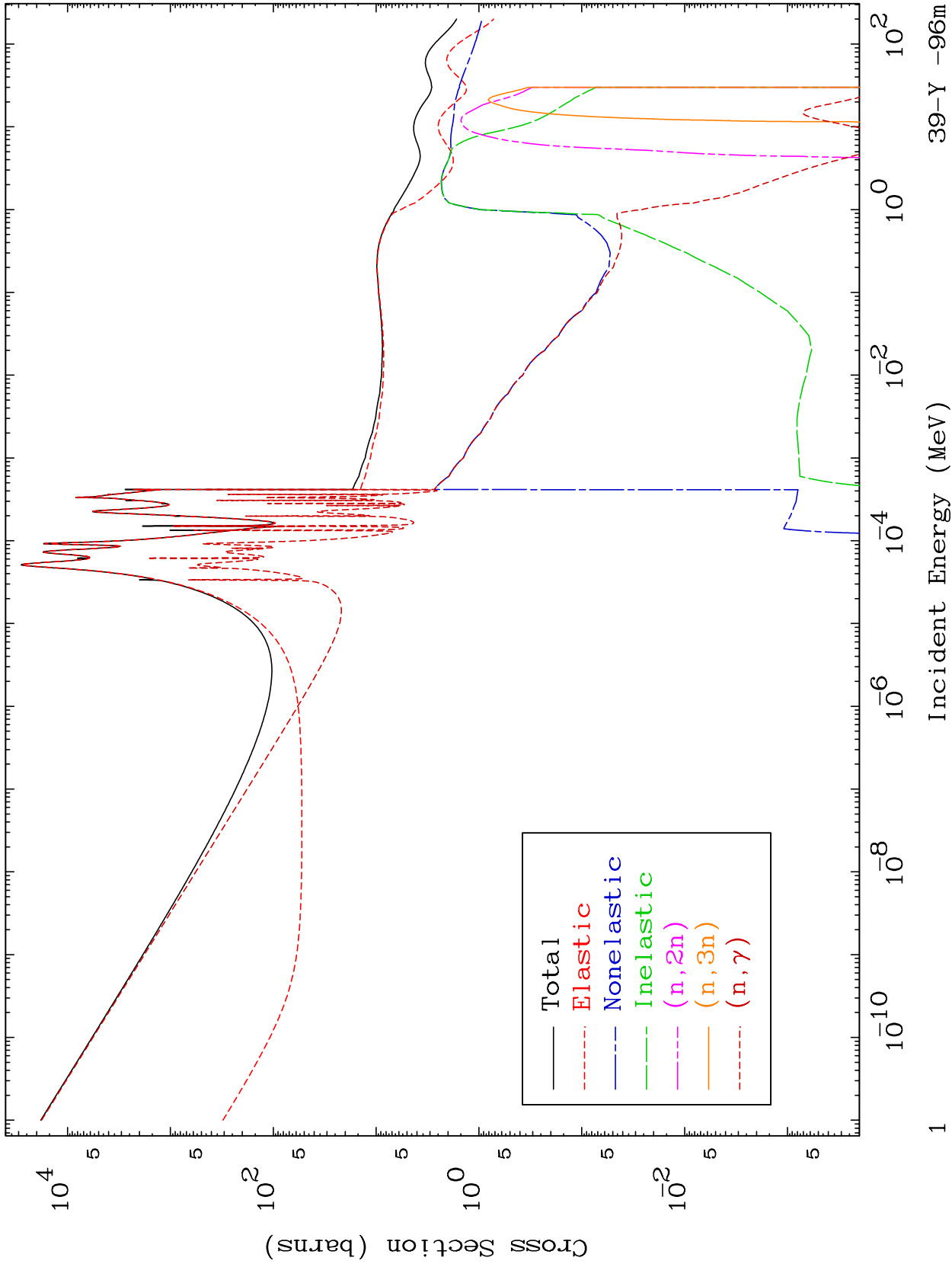
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3947

Neutron Major
293 Kelvin Cross Sections

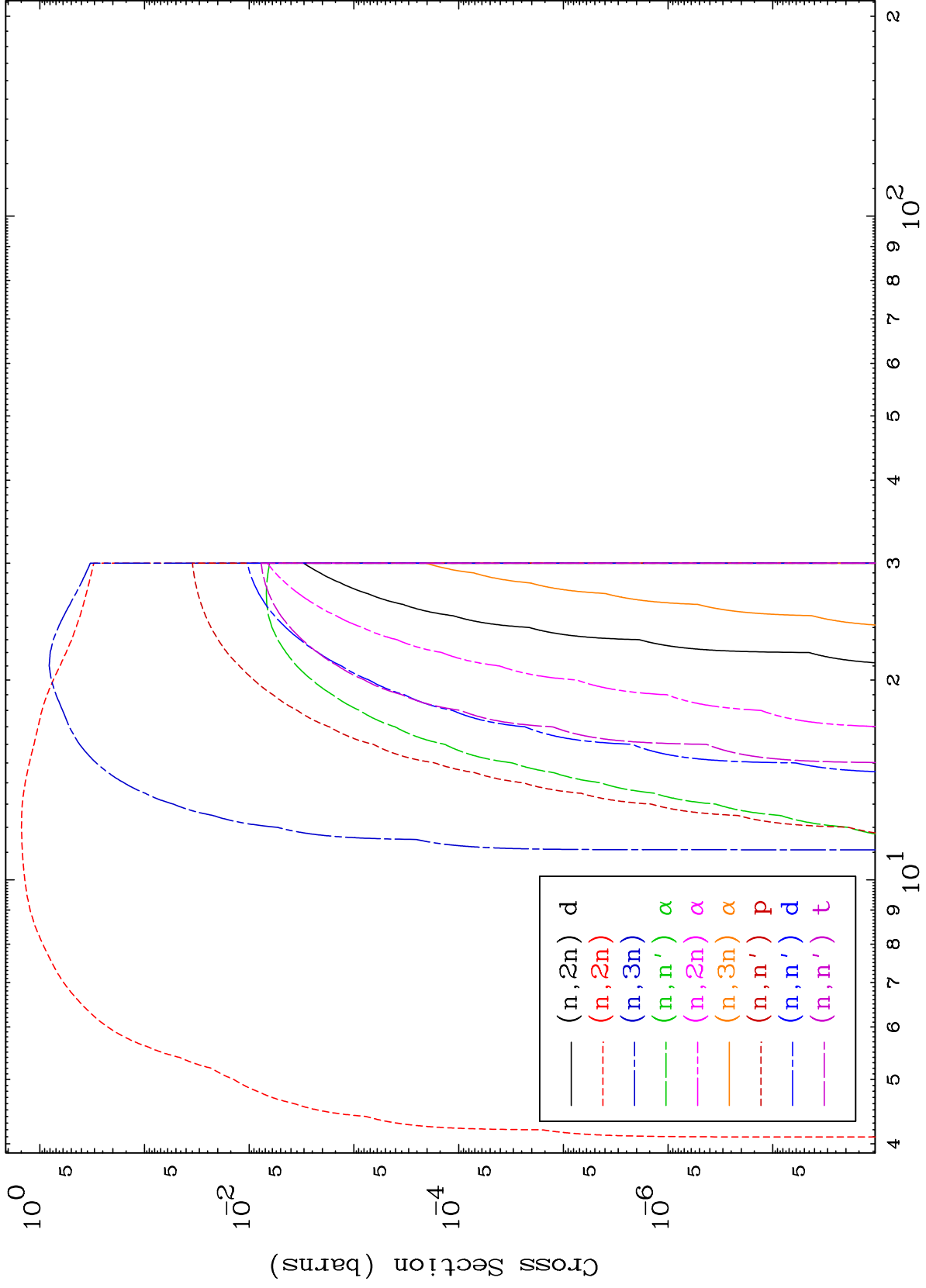
39-Y -96m



MAT 3947

Neutron Absorption
293 Kelvin Cross Sections

39-Y -96m



Incident Energy (MeV)

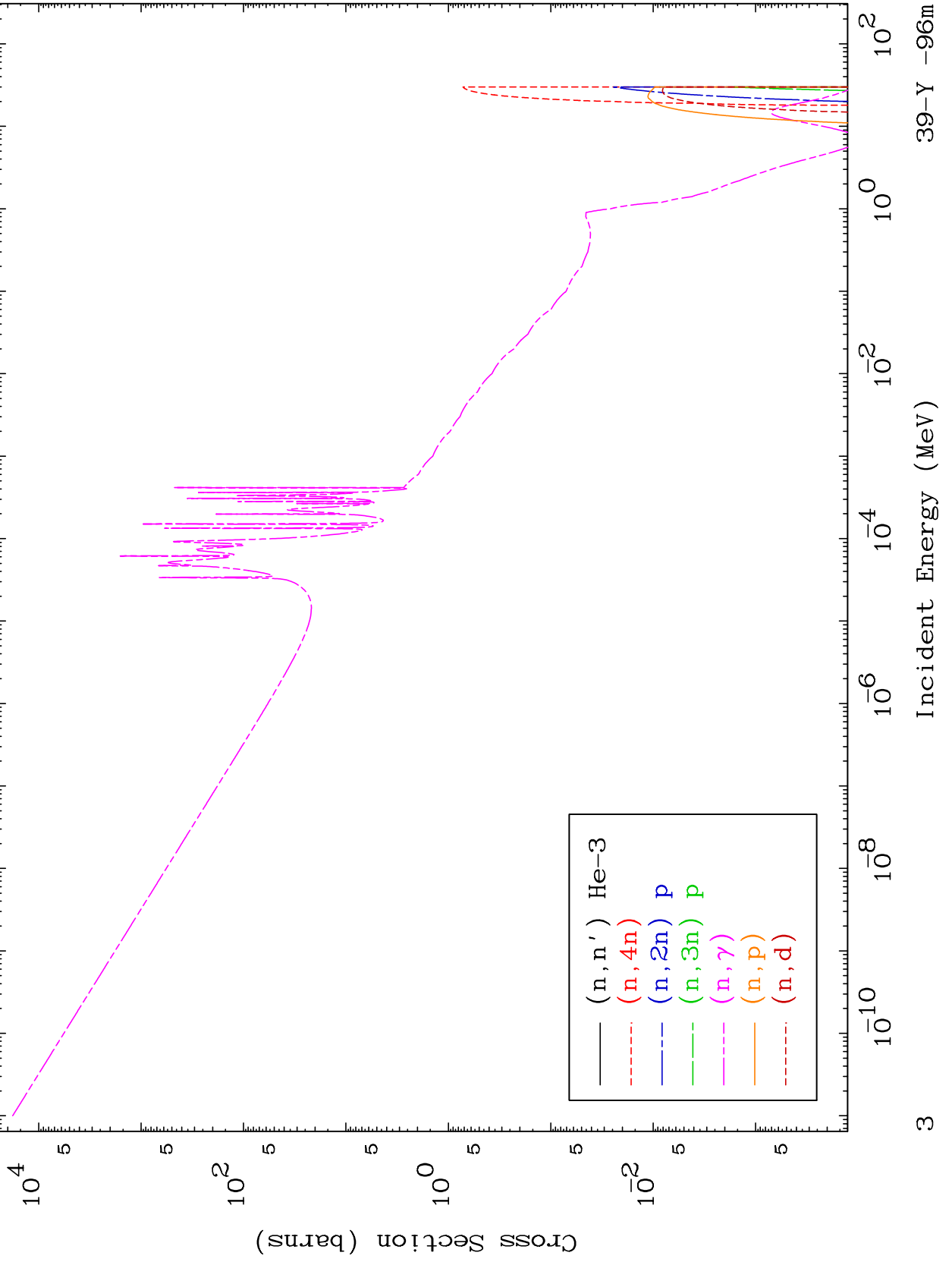
39-Y -96m

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MAT 3947

Neutron Absorption
293 Kelvin Cross Sections

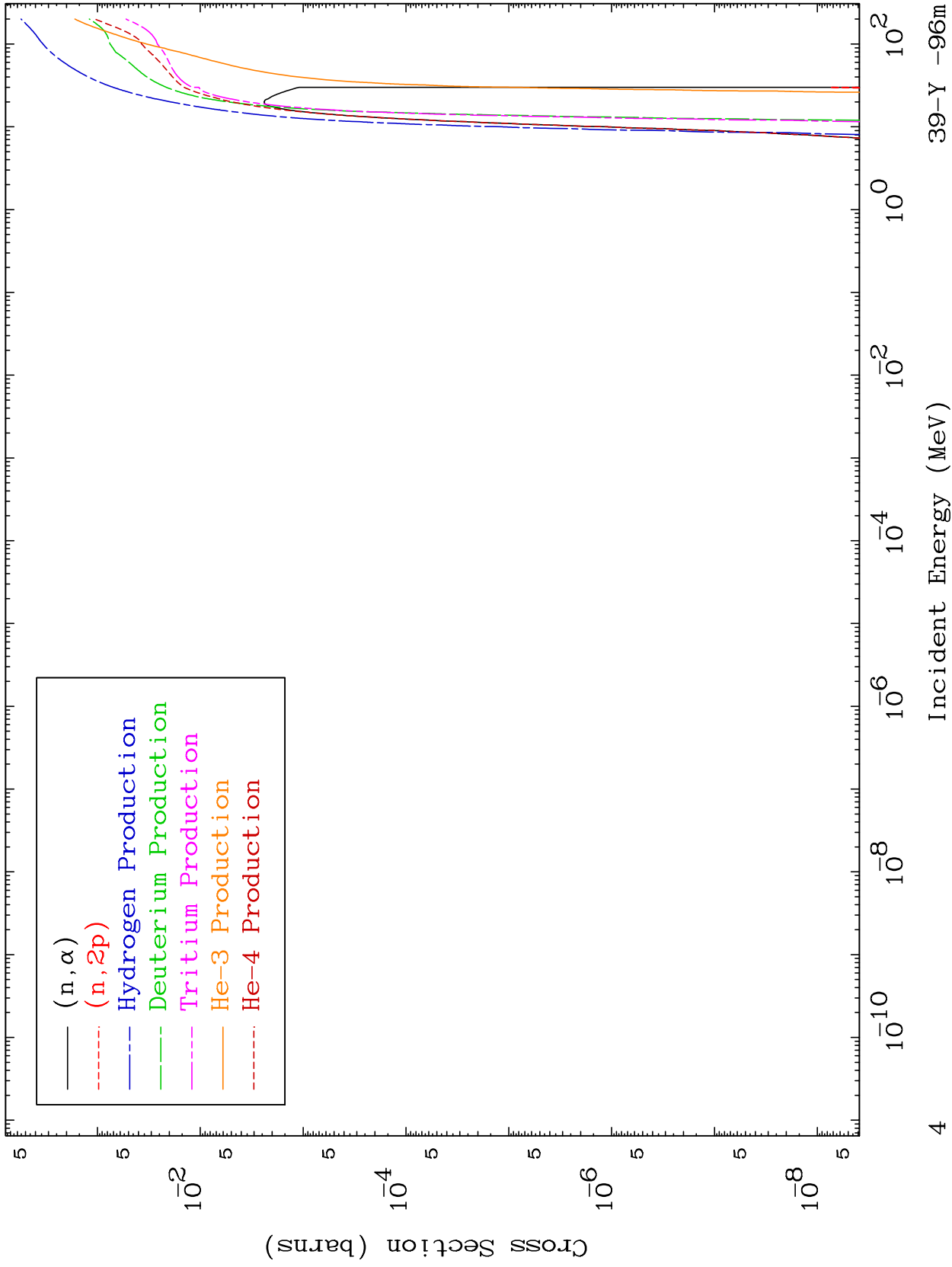
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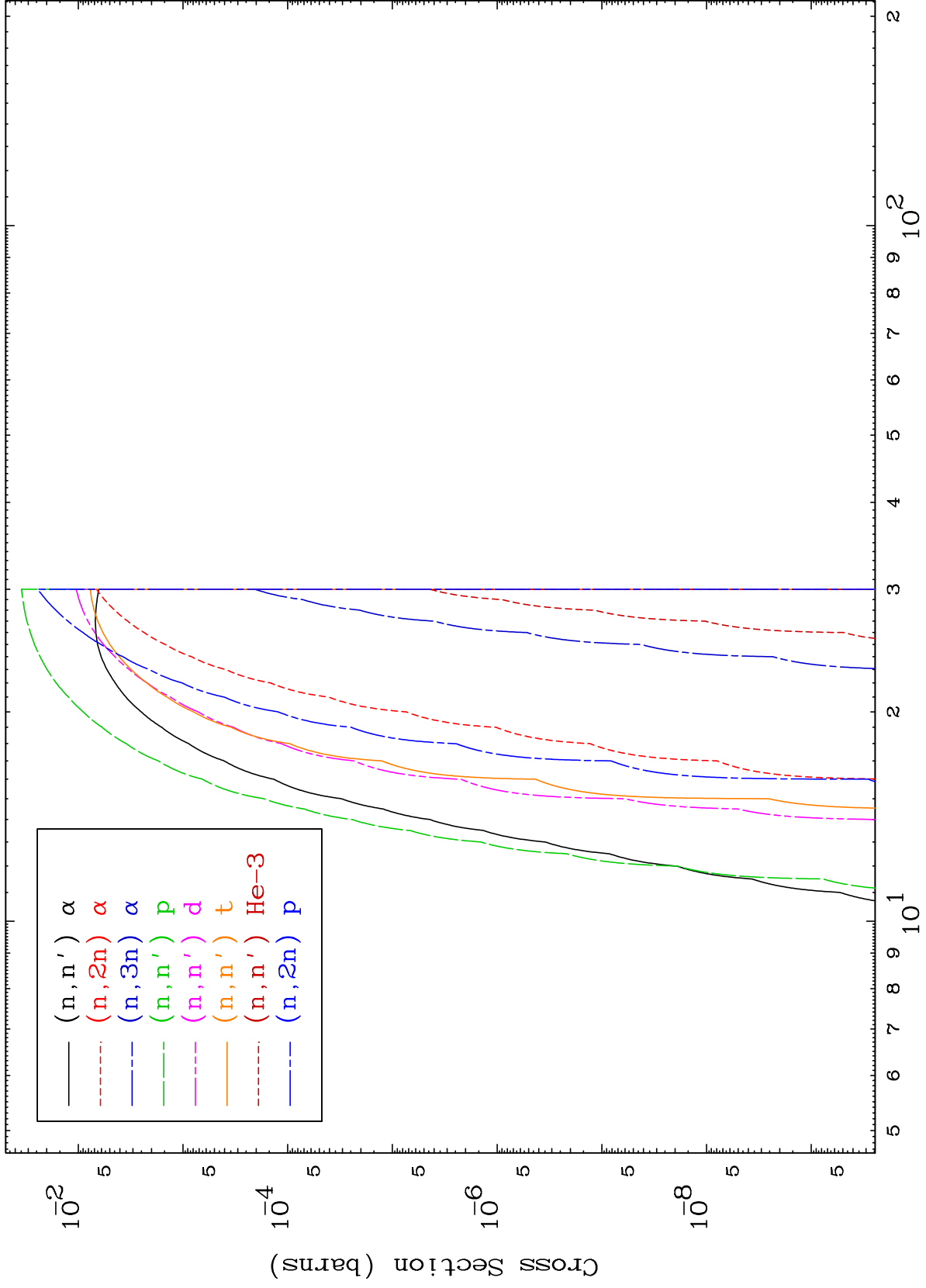


MAT 3947

Neutron Absorption
293 Kelvin Cross Sections

39-Y -96m

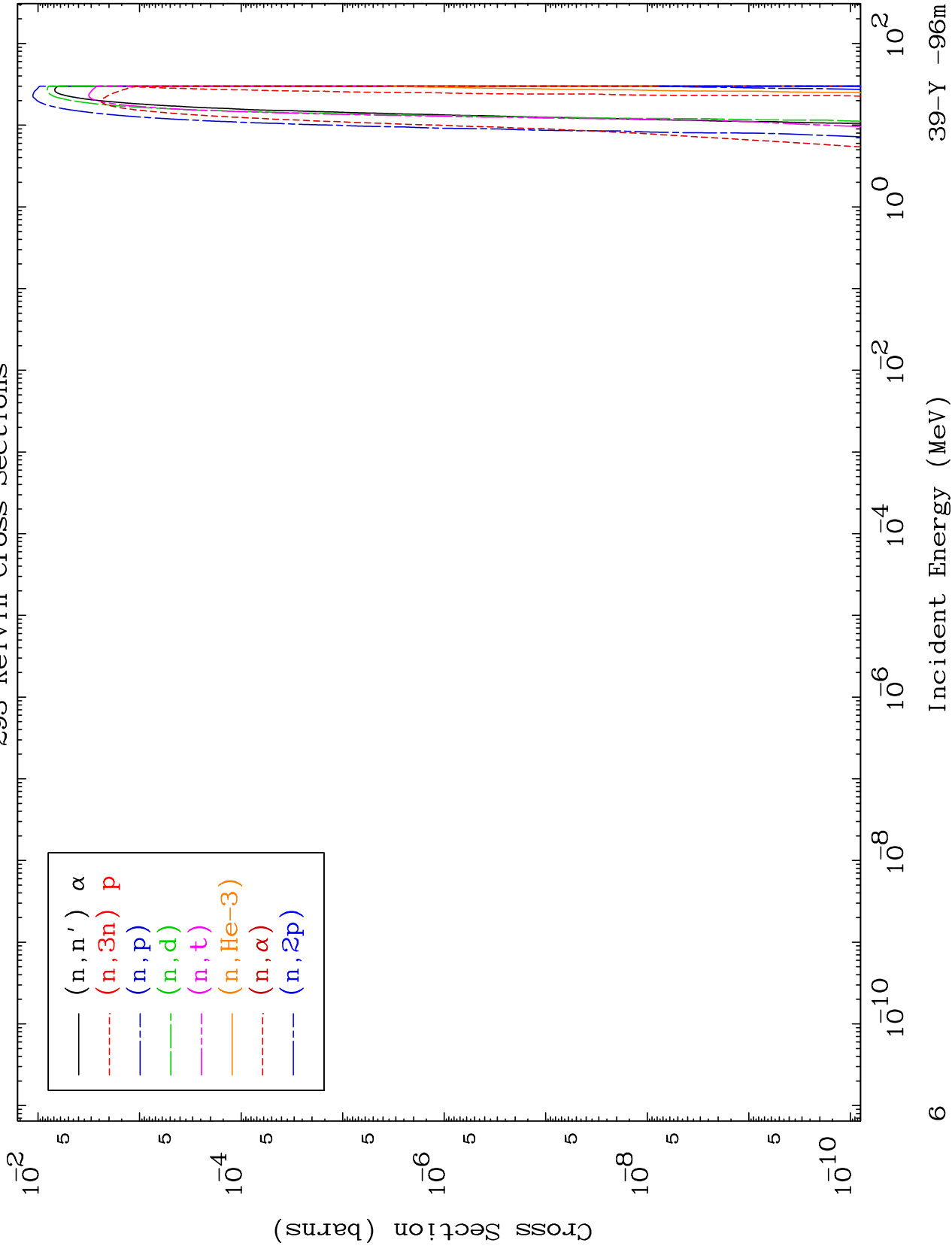




MAT 3947

Charged Particle
293 Kelvin Cross Sections

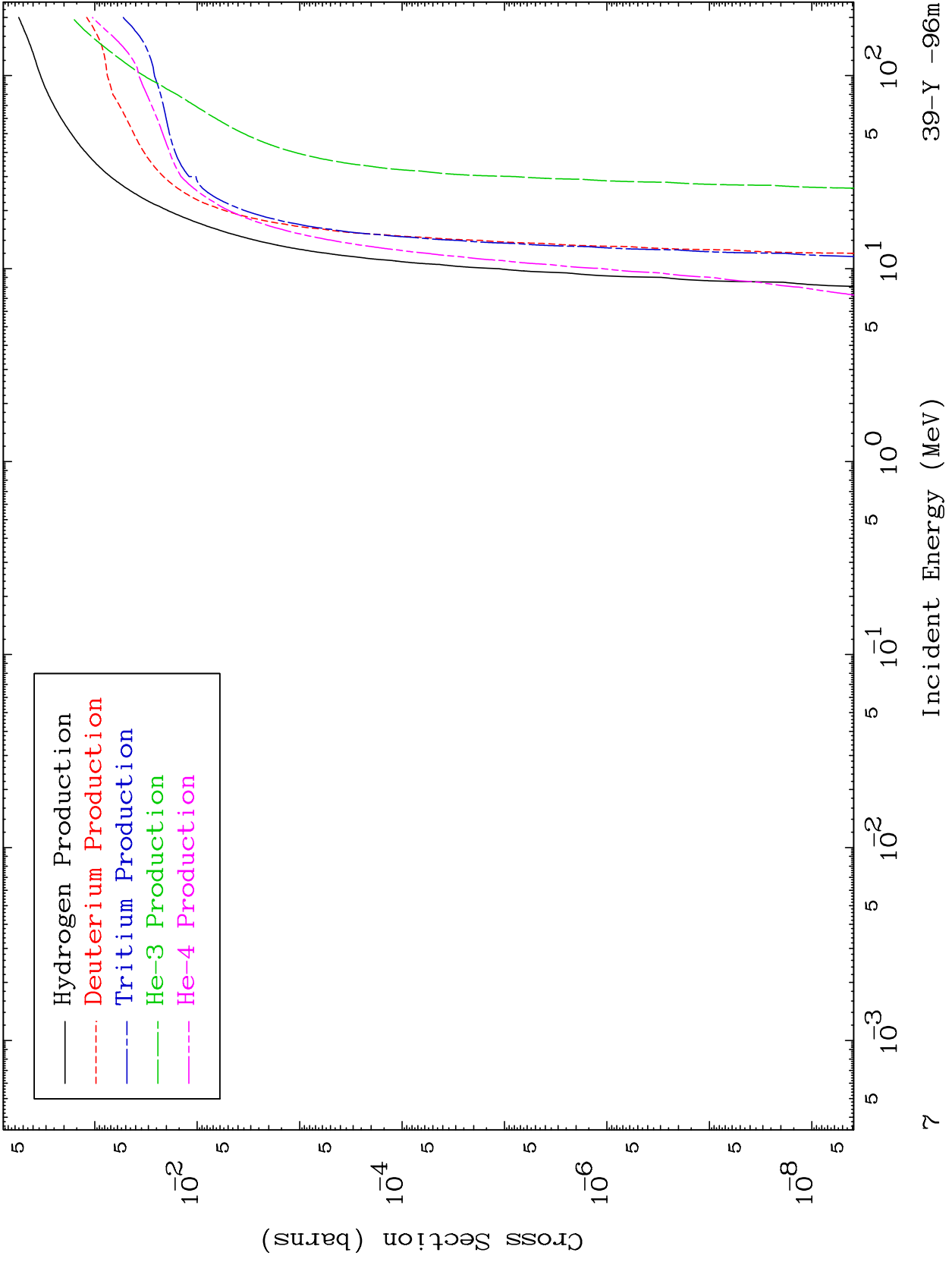
39-Y -96m



MAT 3947

Particle Production
293 Kelvin Cross Sections

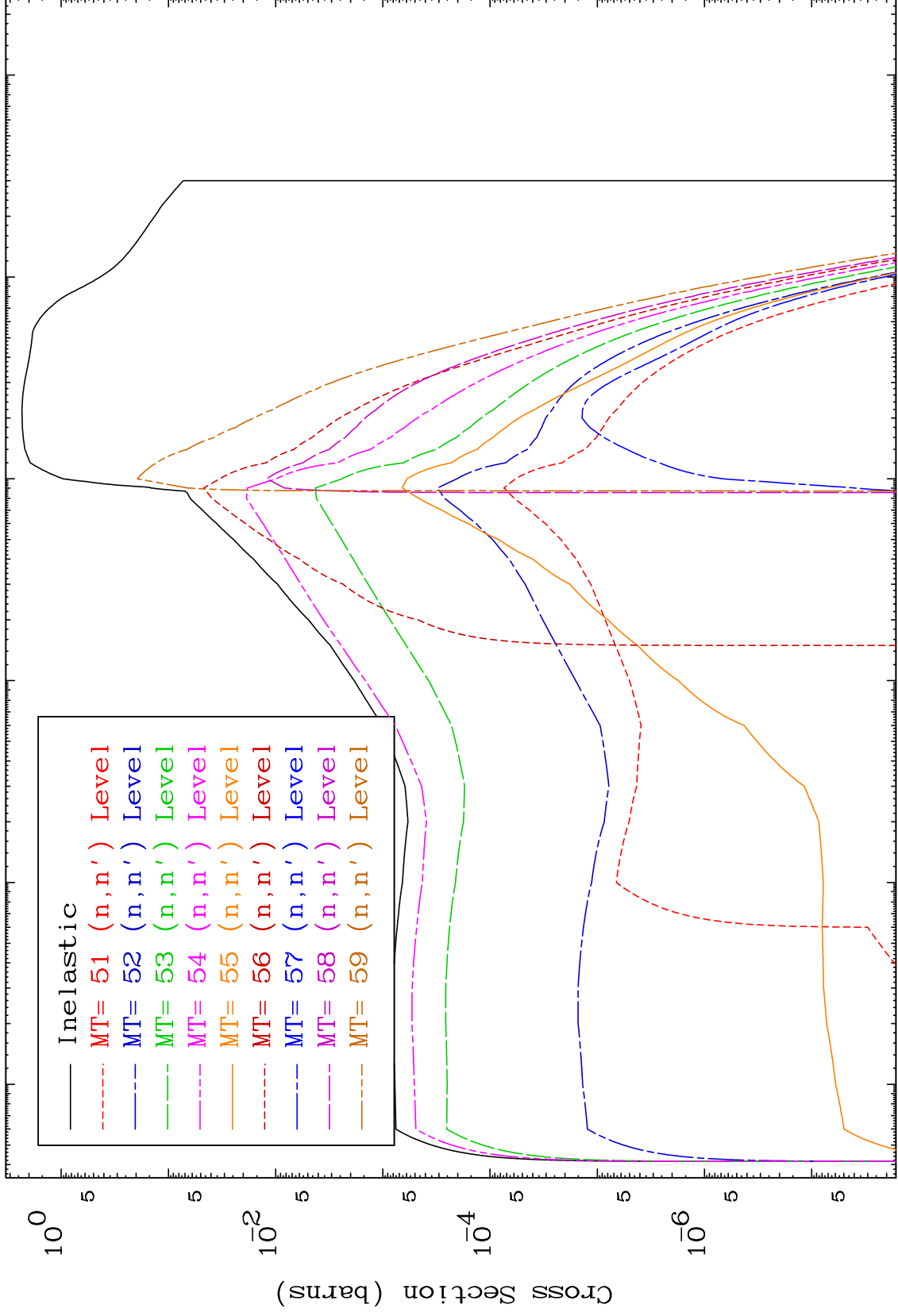
39-Y -96m



MAT 3947

(n,n') Levels
293 Kelvin Cross Sections

39-Y -96m



8

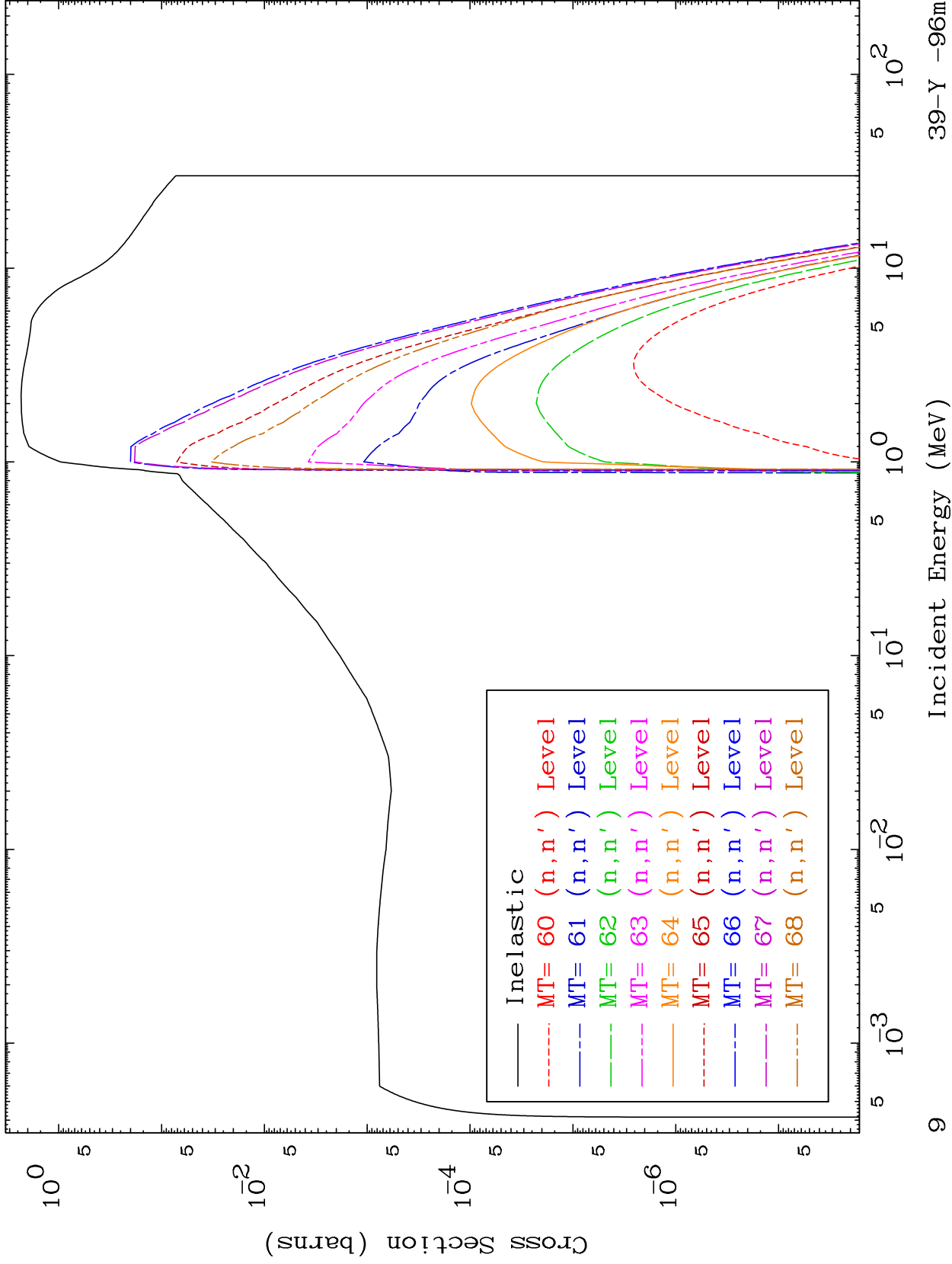
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n,n') Levels
293 Kelvin Cross Sections

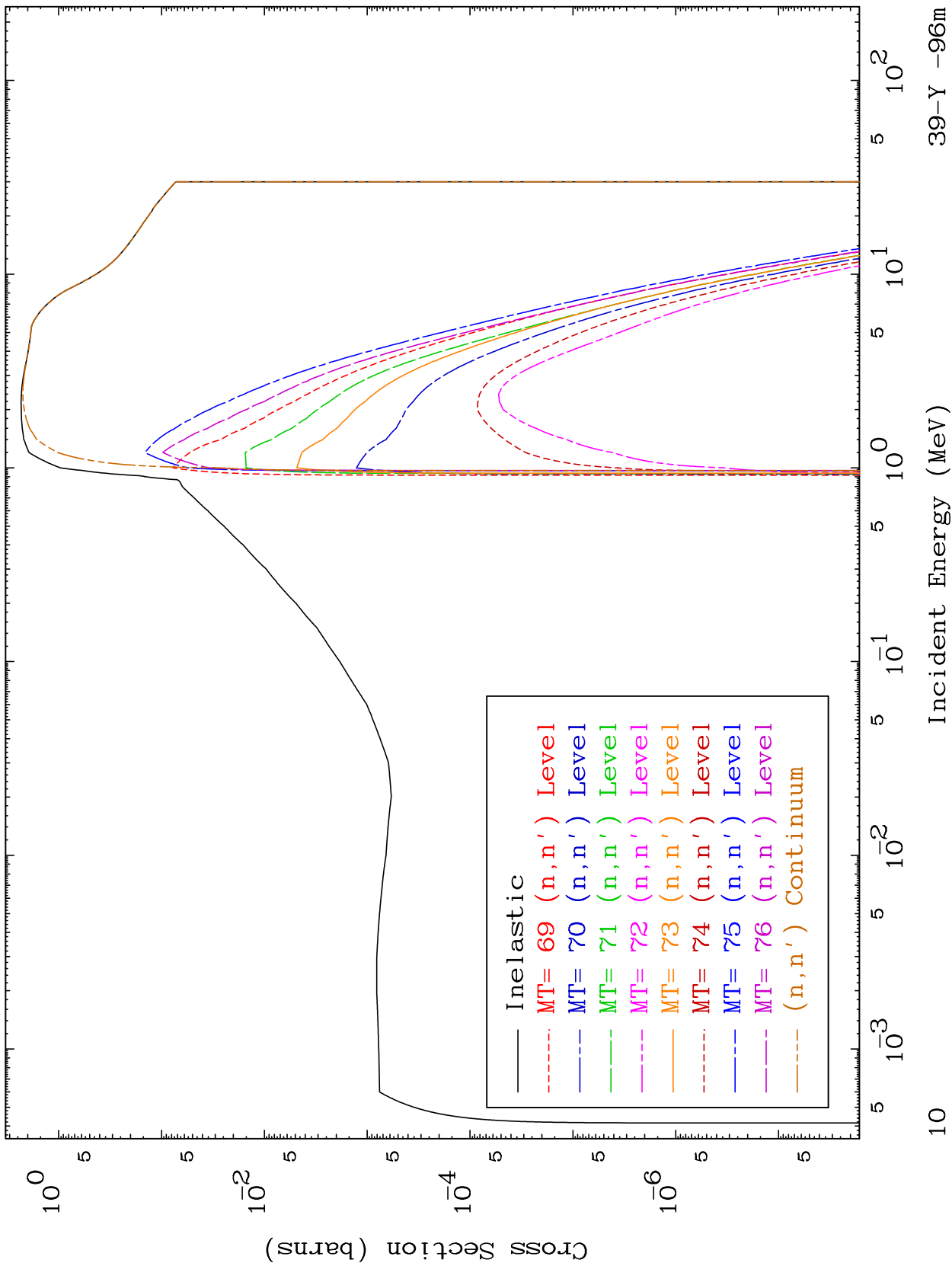
39-Y -96m



MAT 3947

(n,n') Levels
293 Kelvin Cross Sections

39-Y -96m



10

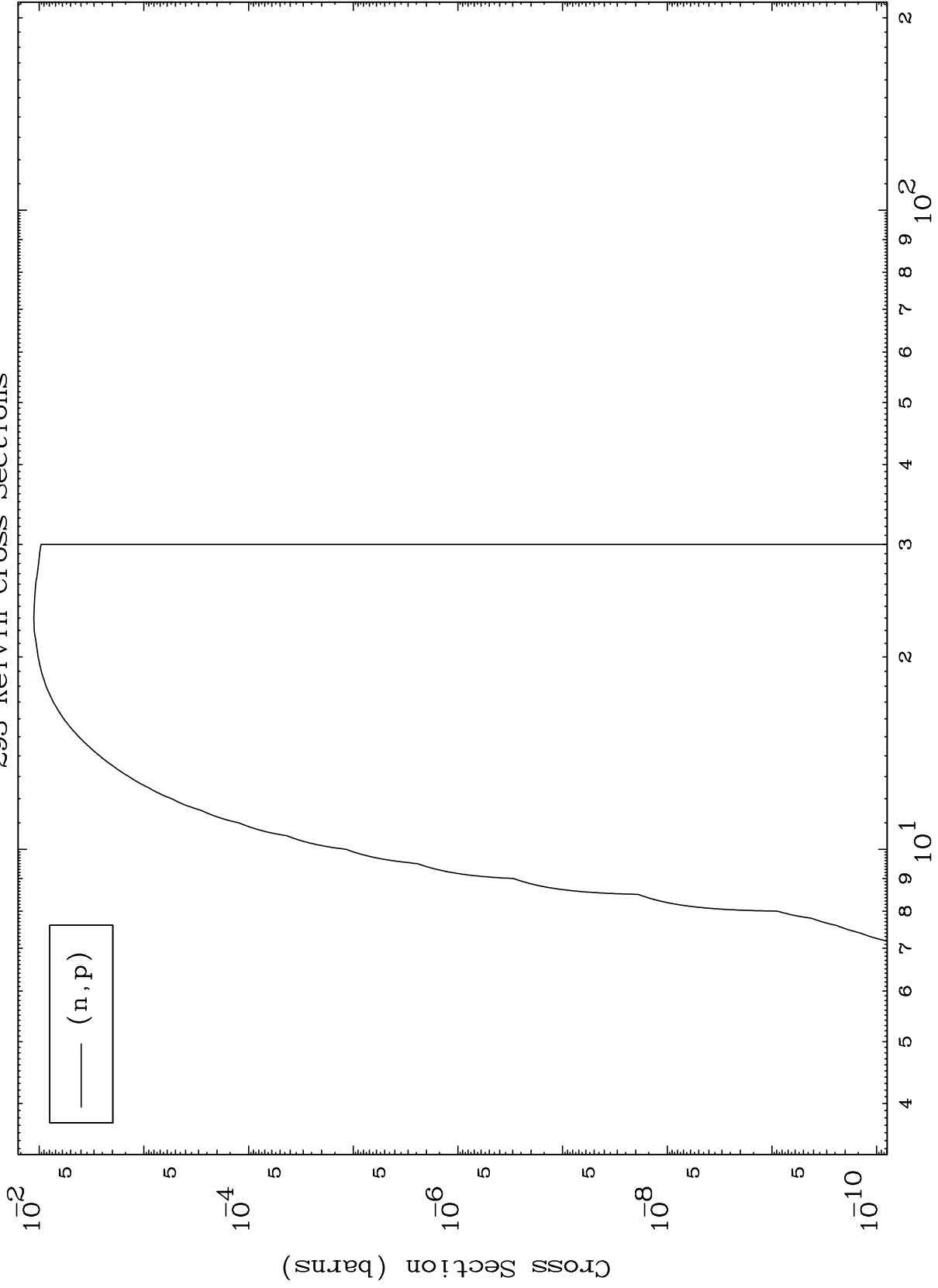
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n,p) Levels
293 Kelvin Cross Sections

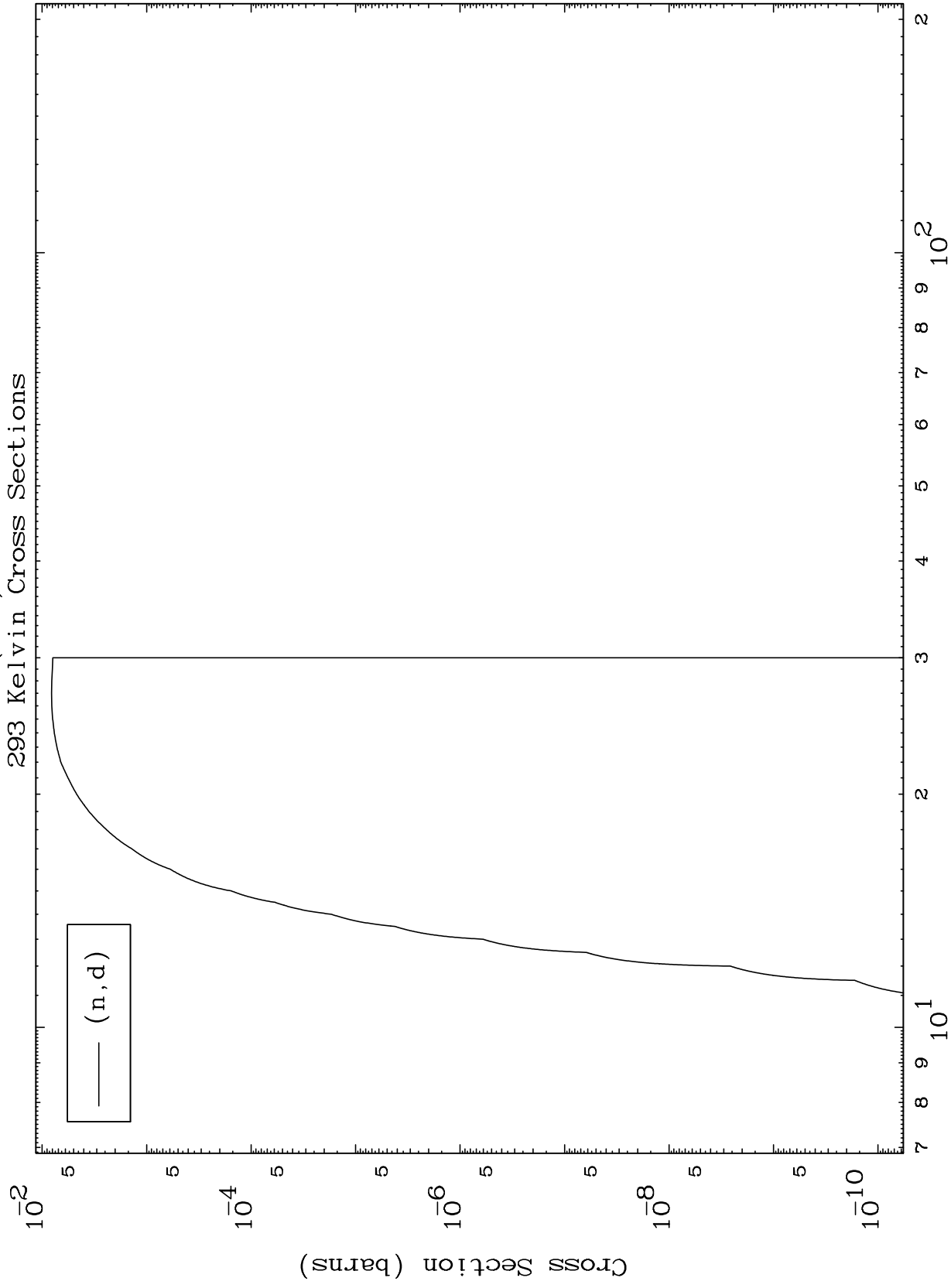
39-Y -96m



MAT 3947

(n,d) Levels
293 Kelvin Cross Sections

39-Y -96m



12

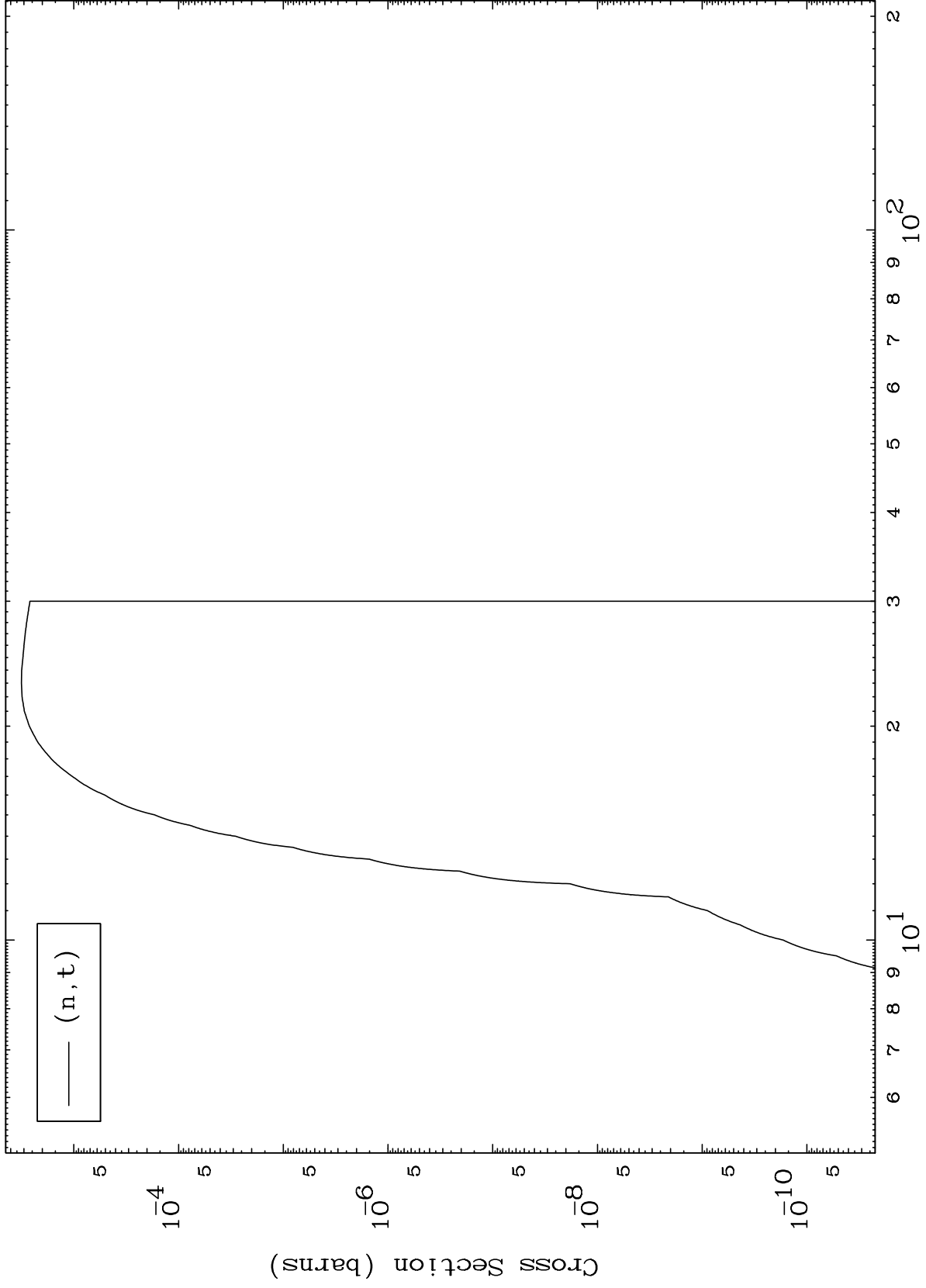
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n,t) Levels
293 Kelvin Cross Sections

39-Y -96m



13

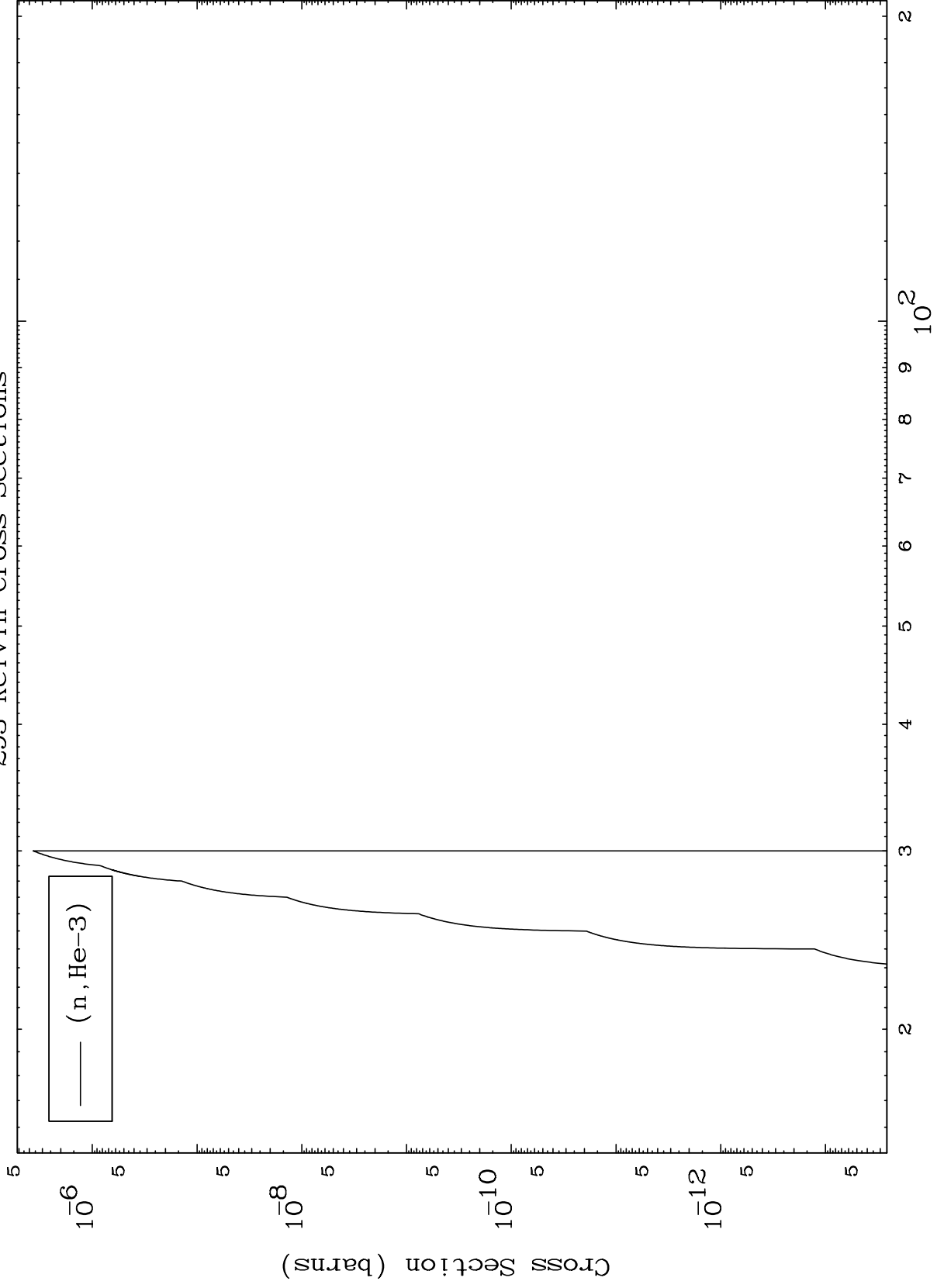
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -96m



14

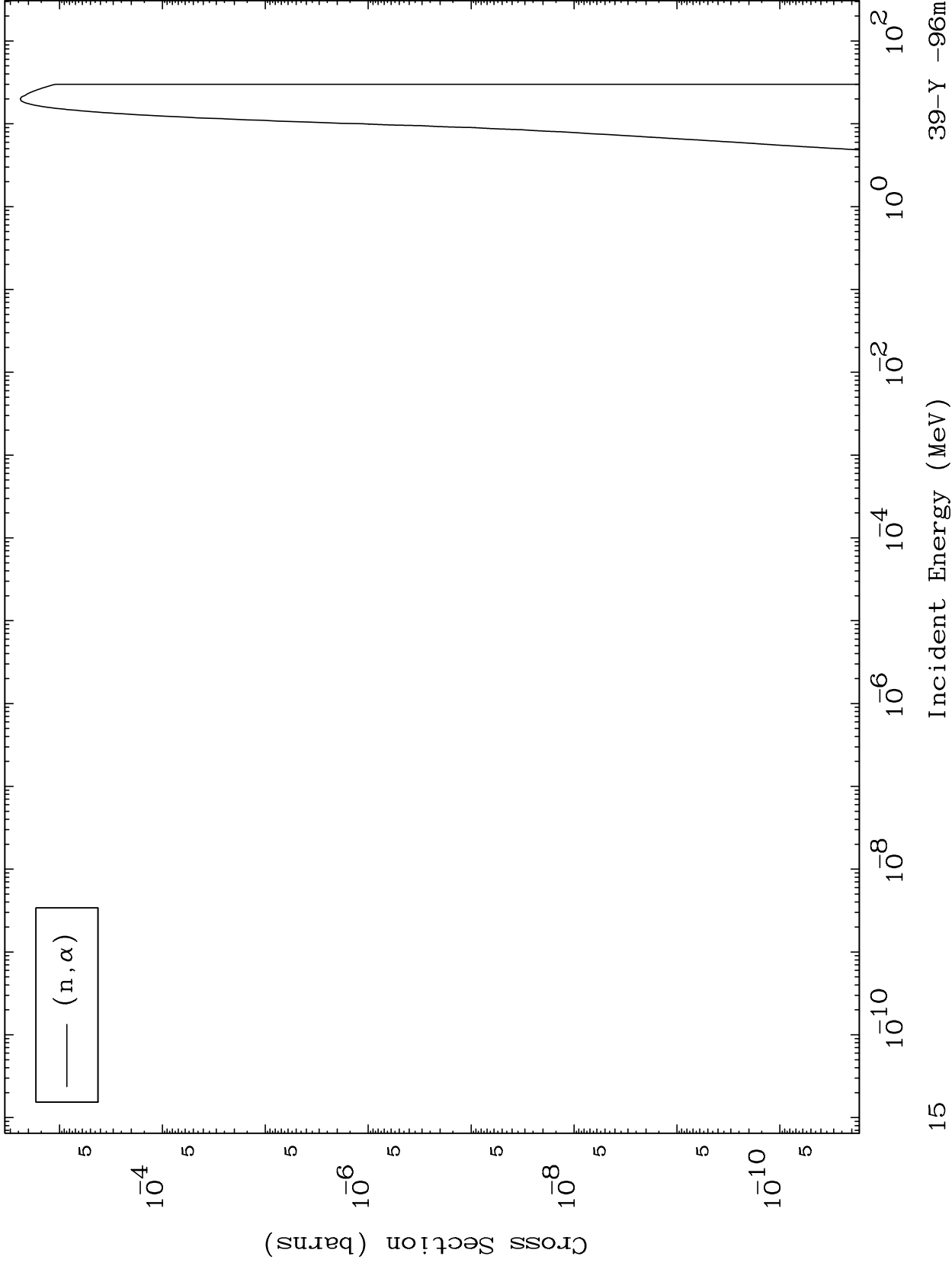
Incident Energy (MeV)

39-Y -96m

MAT 3947

(n, α) Levels
293 Kelvin Cross Sections

39-Y -96m



15

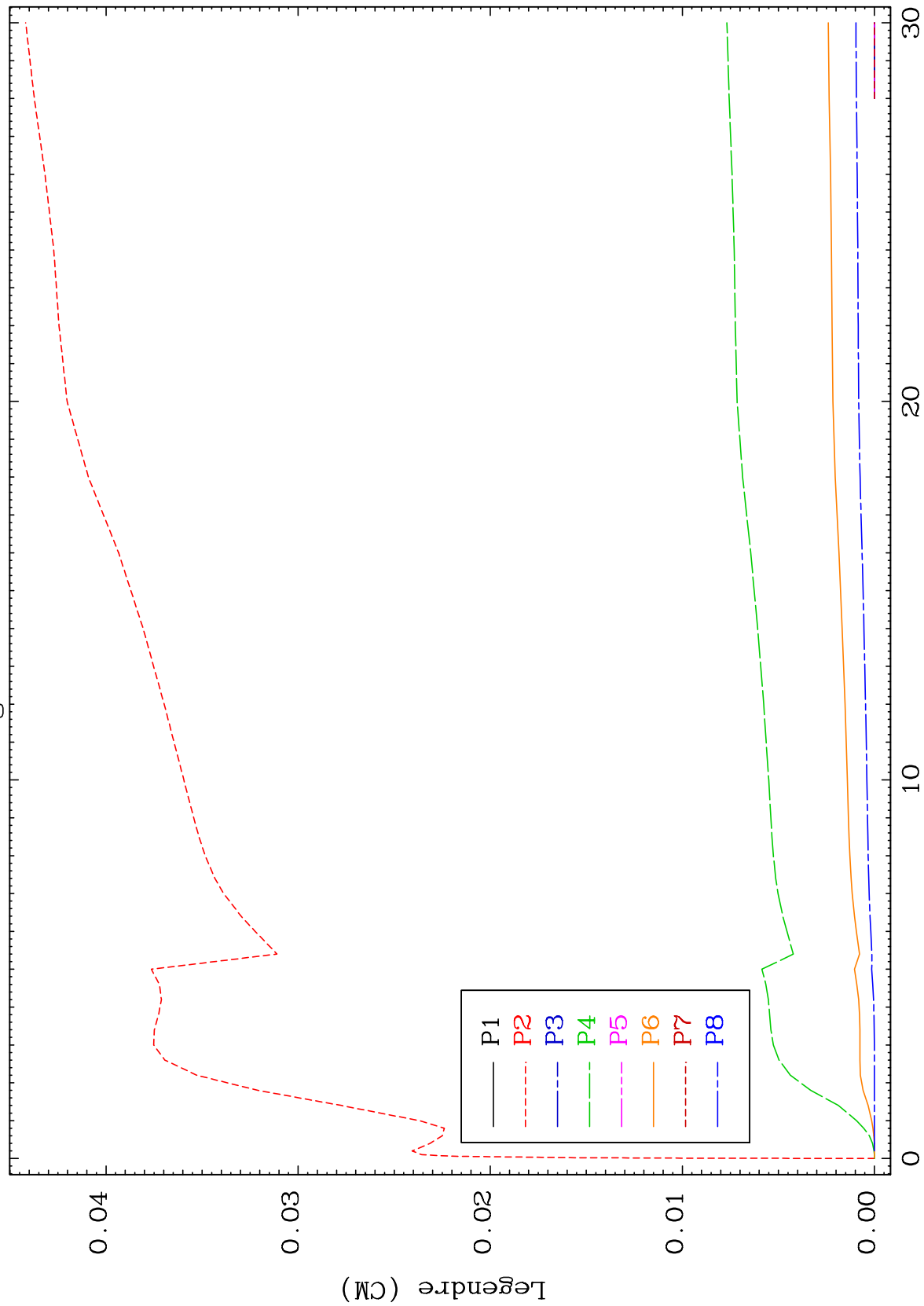
Incident Energy (MeV)

39-Y -96m

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Elastic Legendre Coefficients

39-Y -96m



39-Y -96m

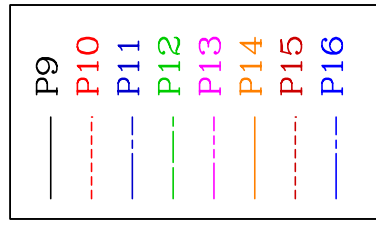
Incident Energy (MeV)

16

MAT 3947

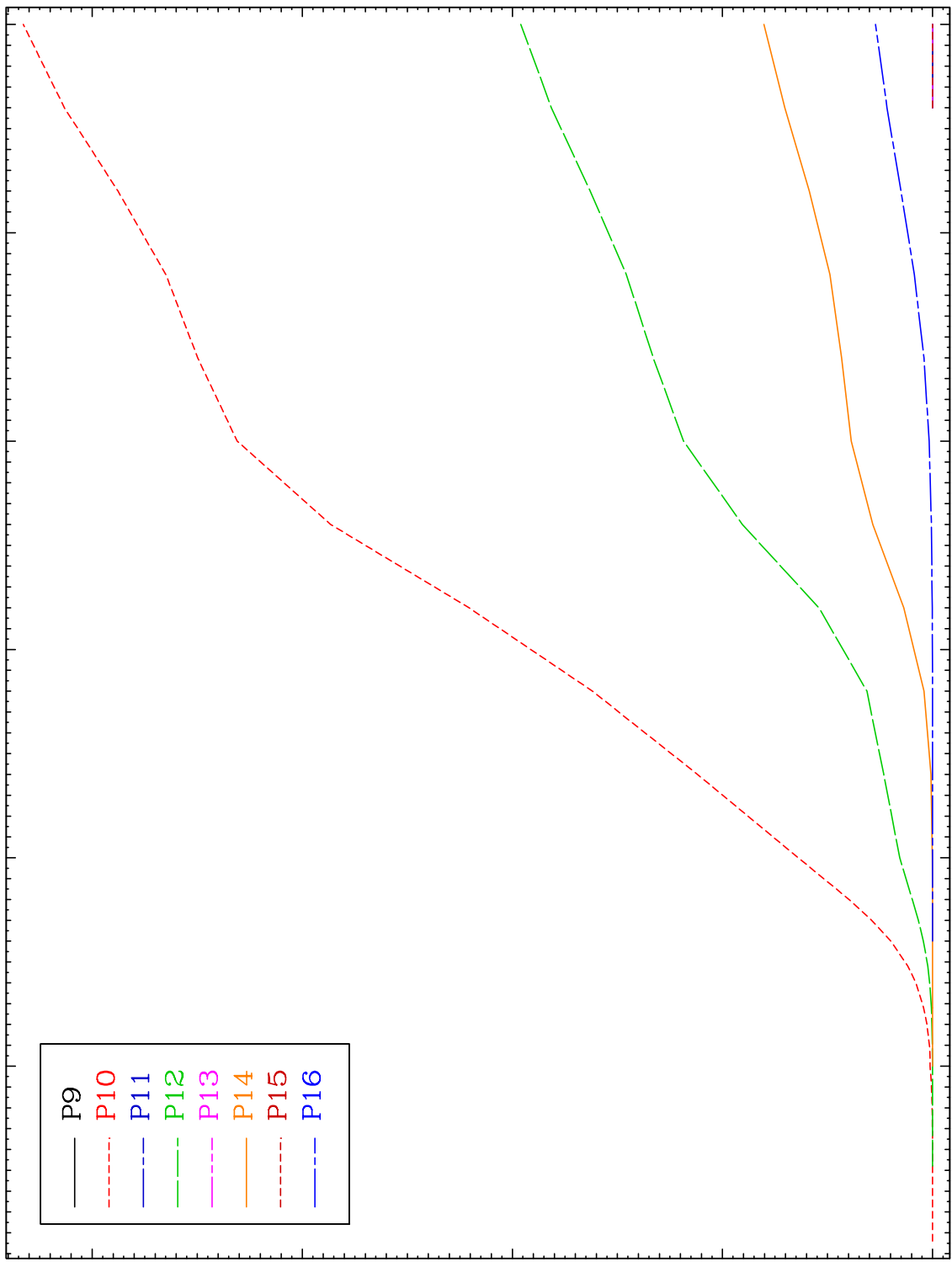
Elastic Legendre Coefficients

39-Y -96m



$\times 10^{-4}$

Legendre (CM)



17

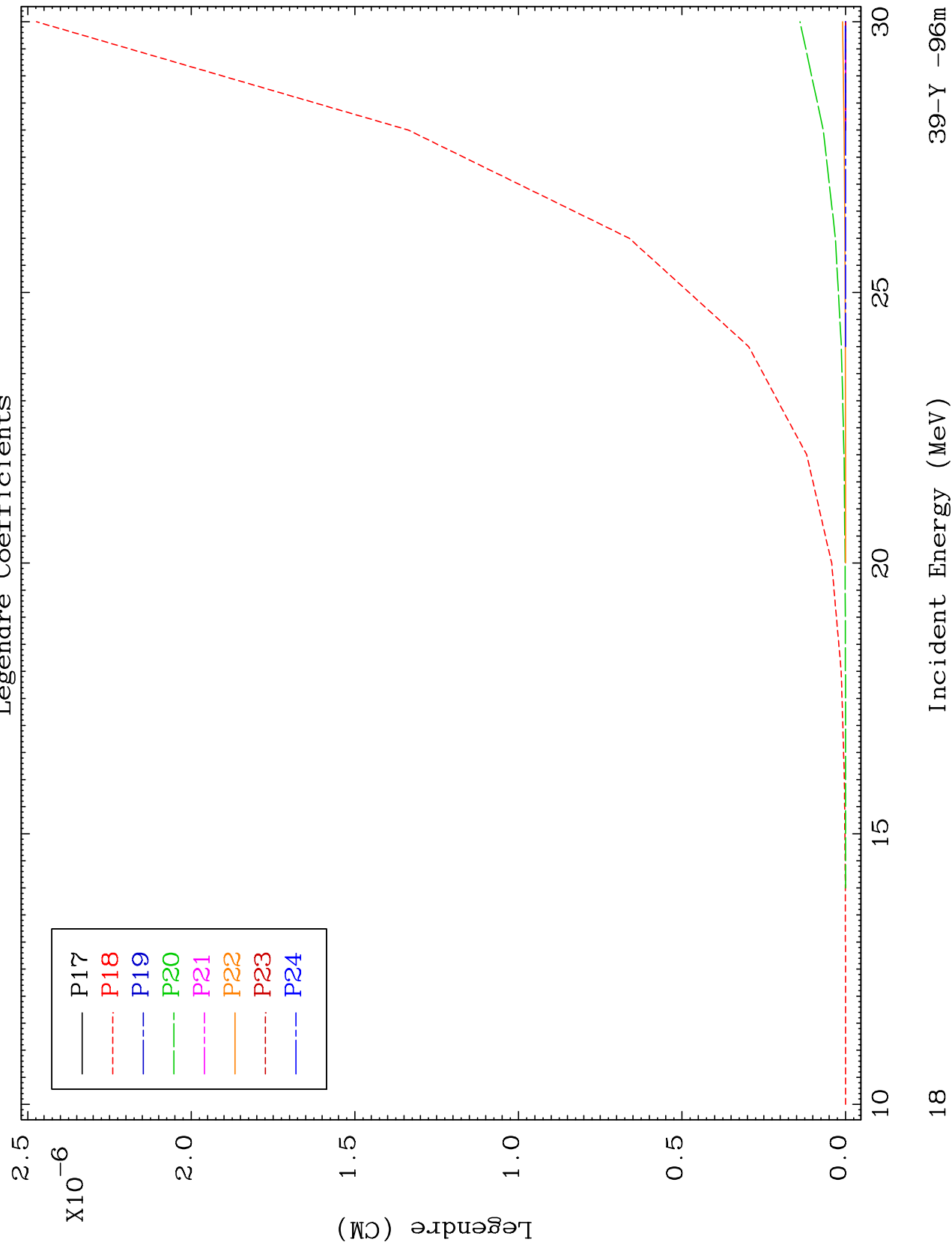
Incident Energy (MeV)

39-Y -96m

MAT 3947

Elastic Legendre Coefficients

39-Y -96m



18

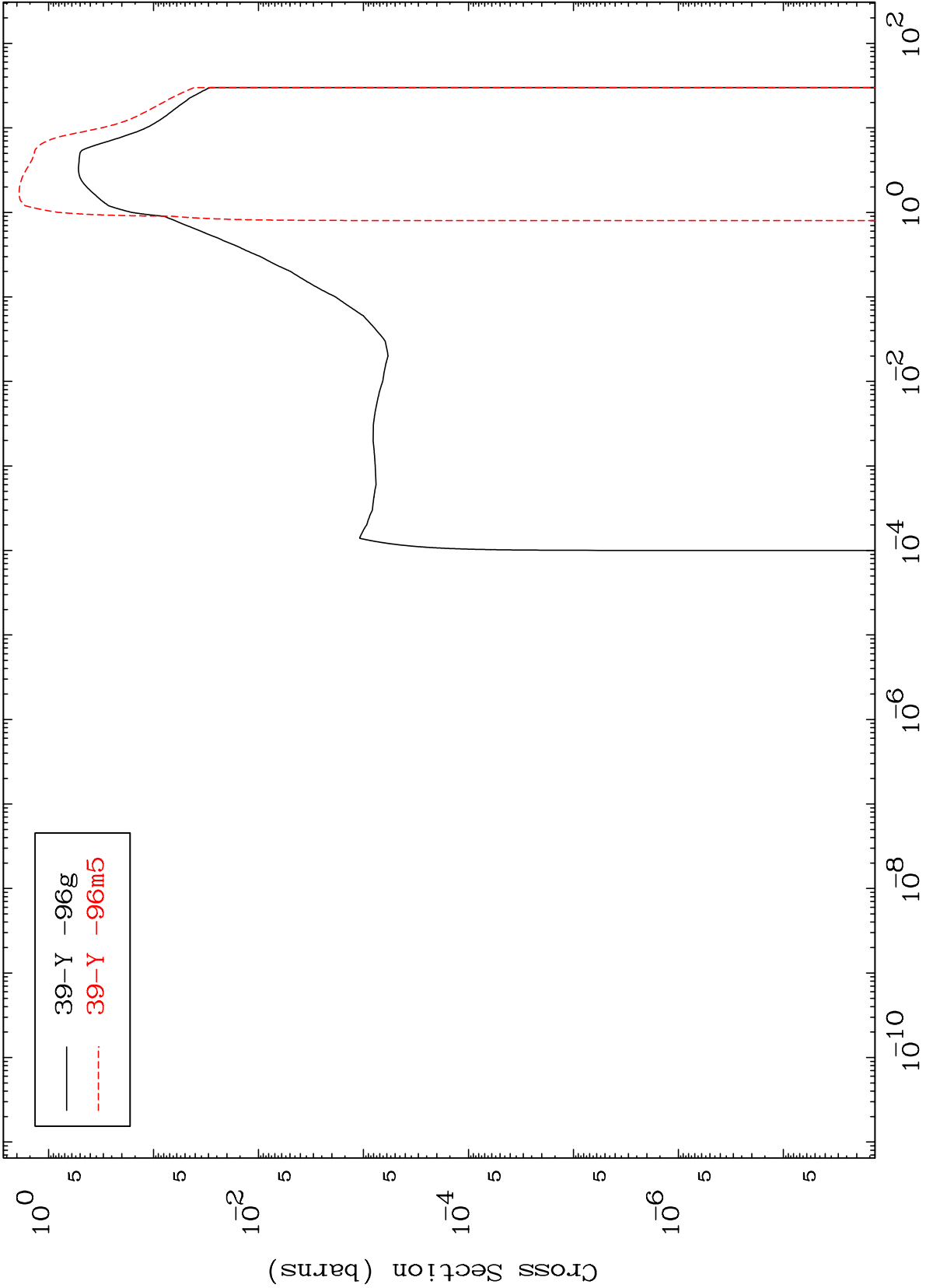
Incident Energy (MeV)

39-Y -96m

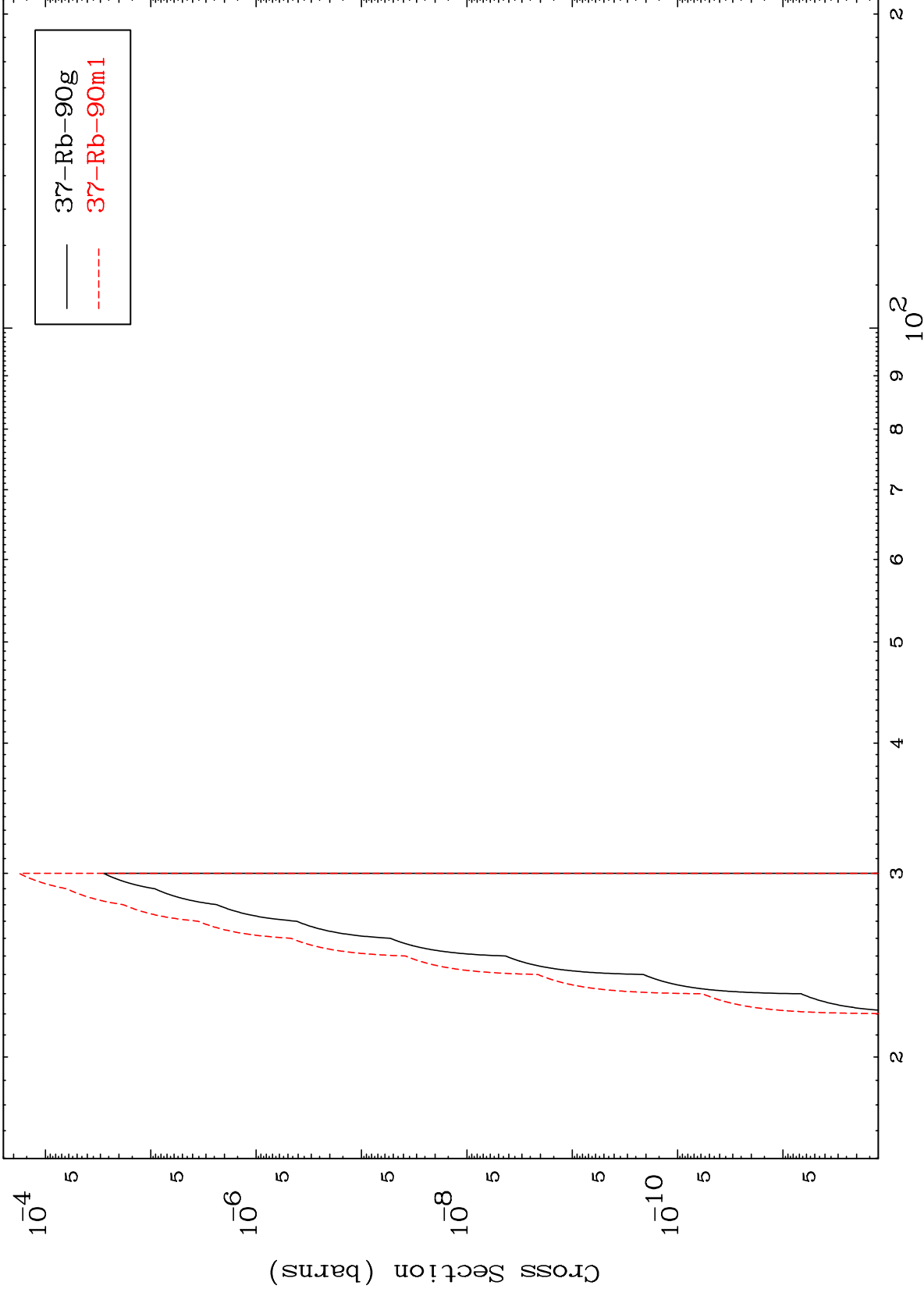
MAT 3947

Inelastic
Radionuclide Production Cross Section

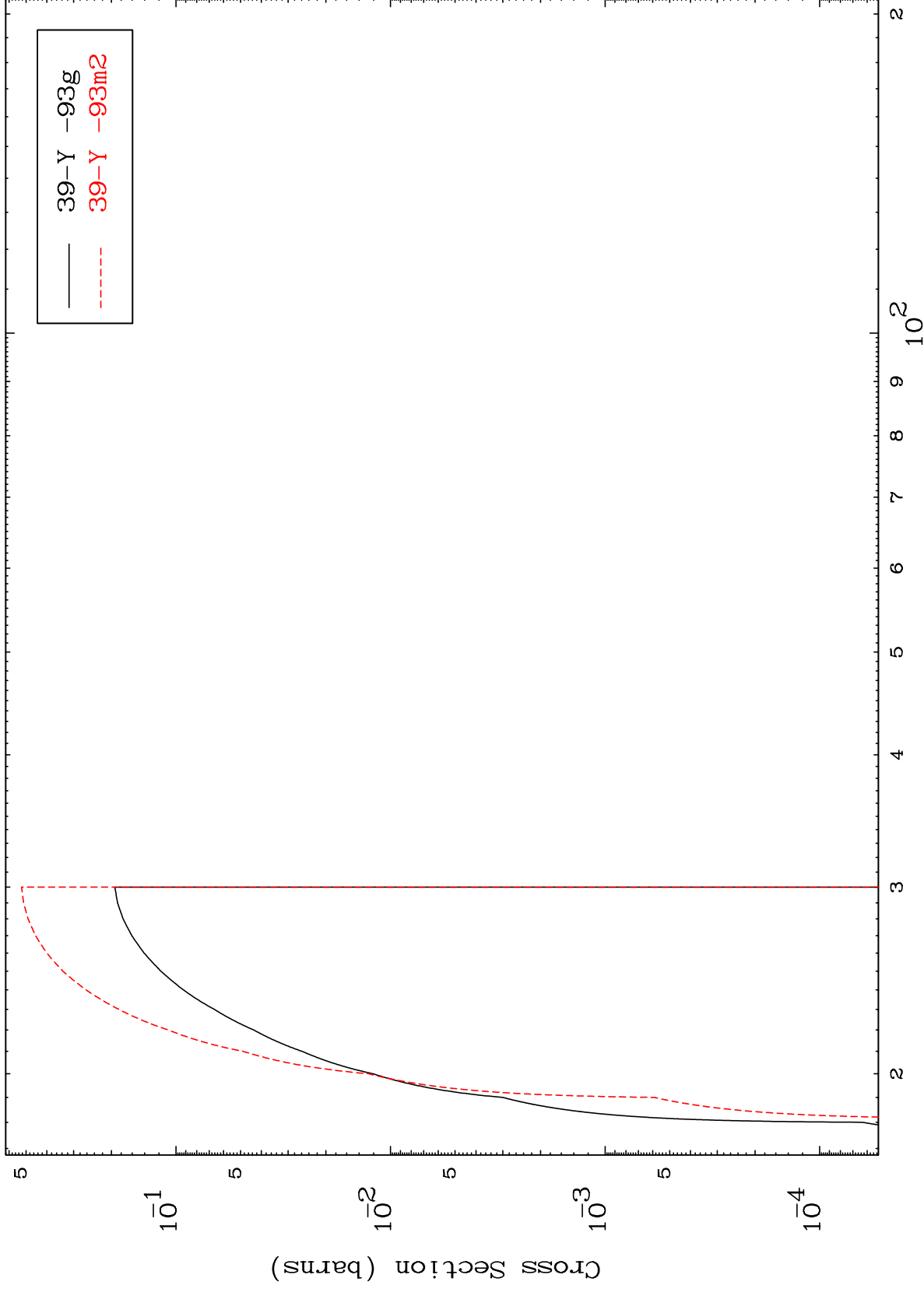
39-Y -96m



Radionuclide Production Cross Section



Radionuclide Production Cross Section



MAT 3947

39-Y -96m

(n, γ)
Radionuclide Production Cross Section

