

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

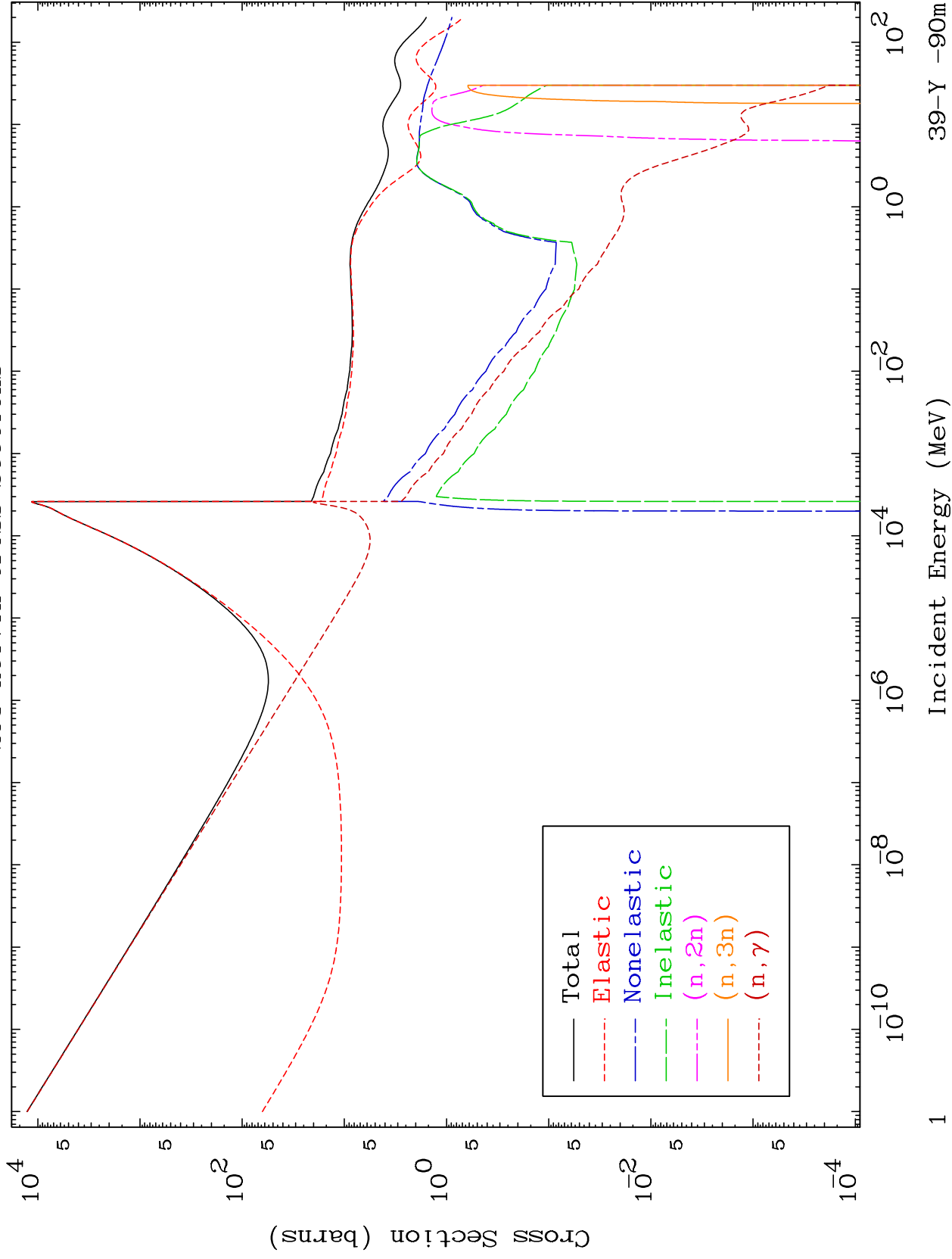
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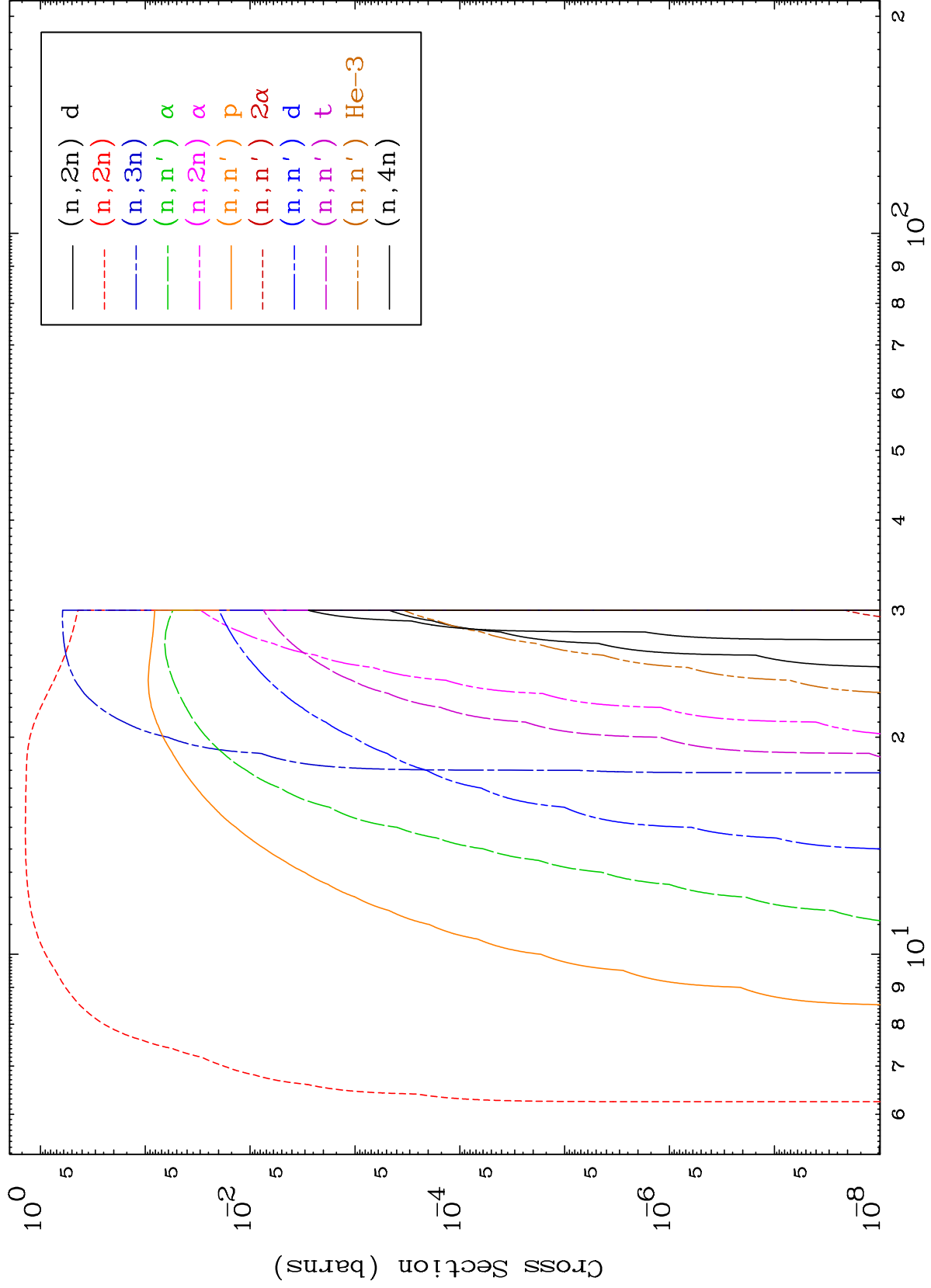
Press Mouse Button to Start

MAT 3929

Neutron Major
293 Kelvin Cross Sections

39-Y -90m

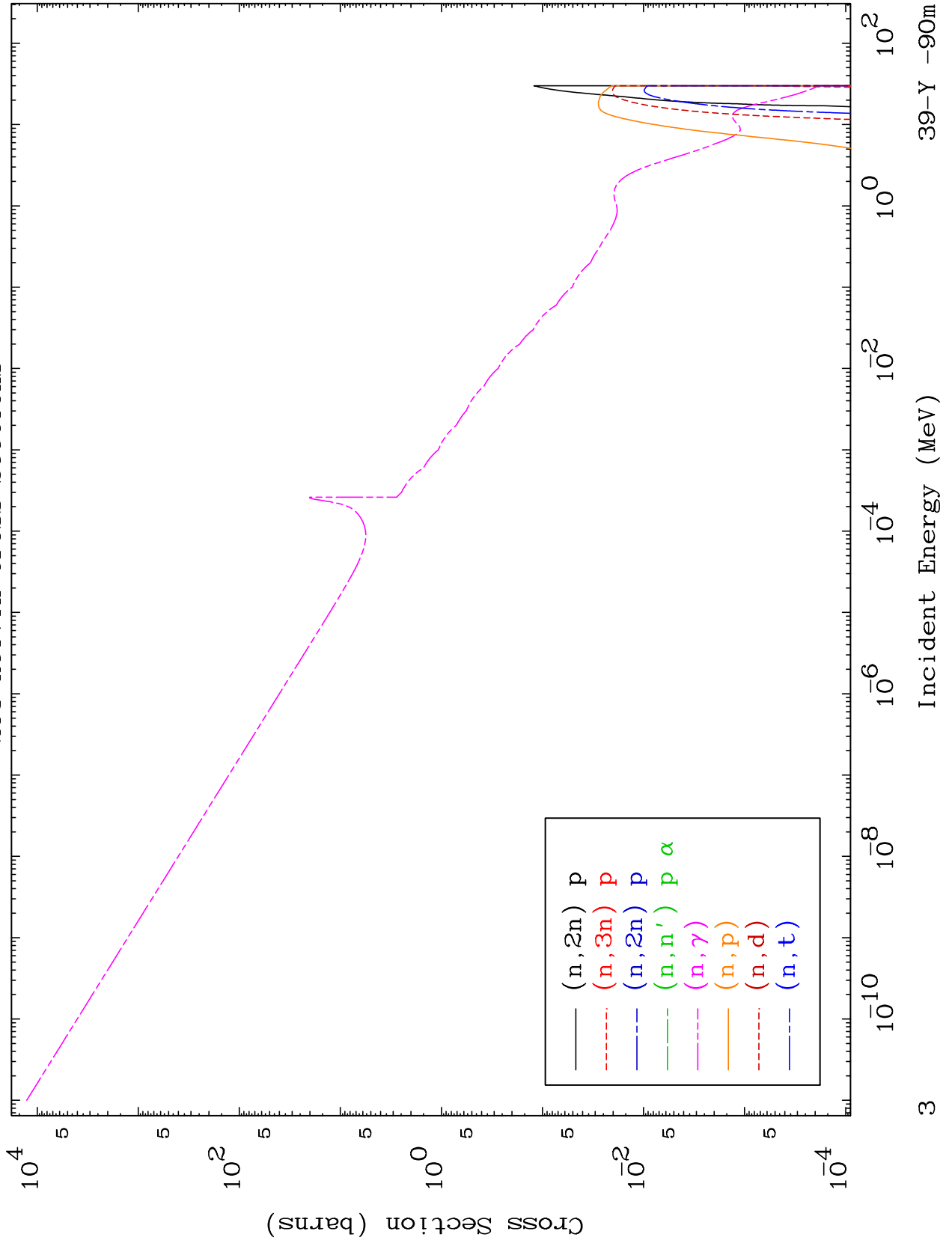




MAT 3929

Neutron Absorption
293 Kelvin Cross Sections

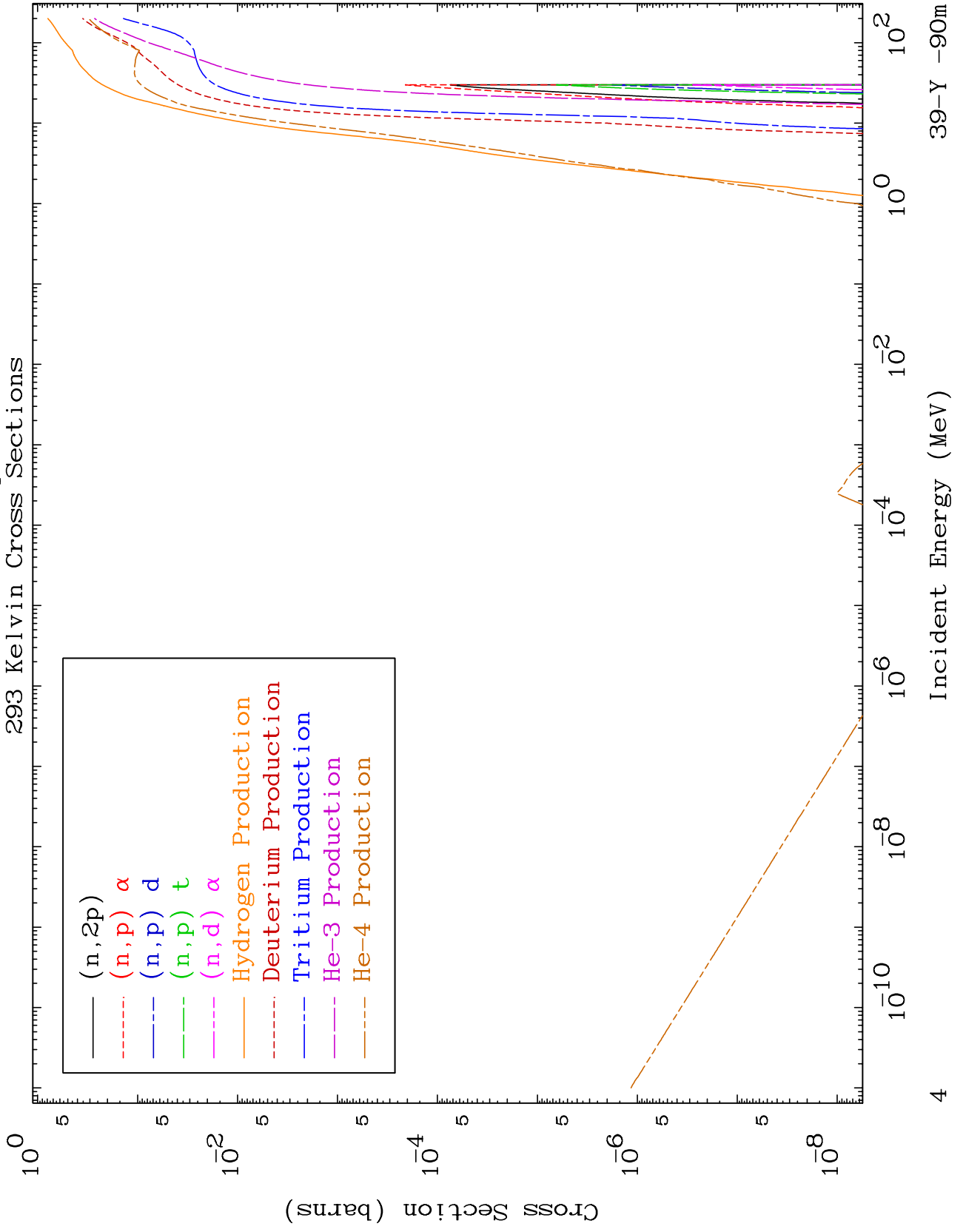
39-Y -90m



MAT 3929

Neutron Absorption
293 Kelvin Cross Sections

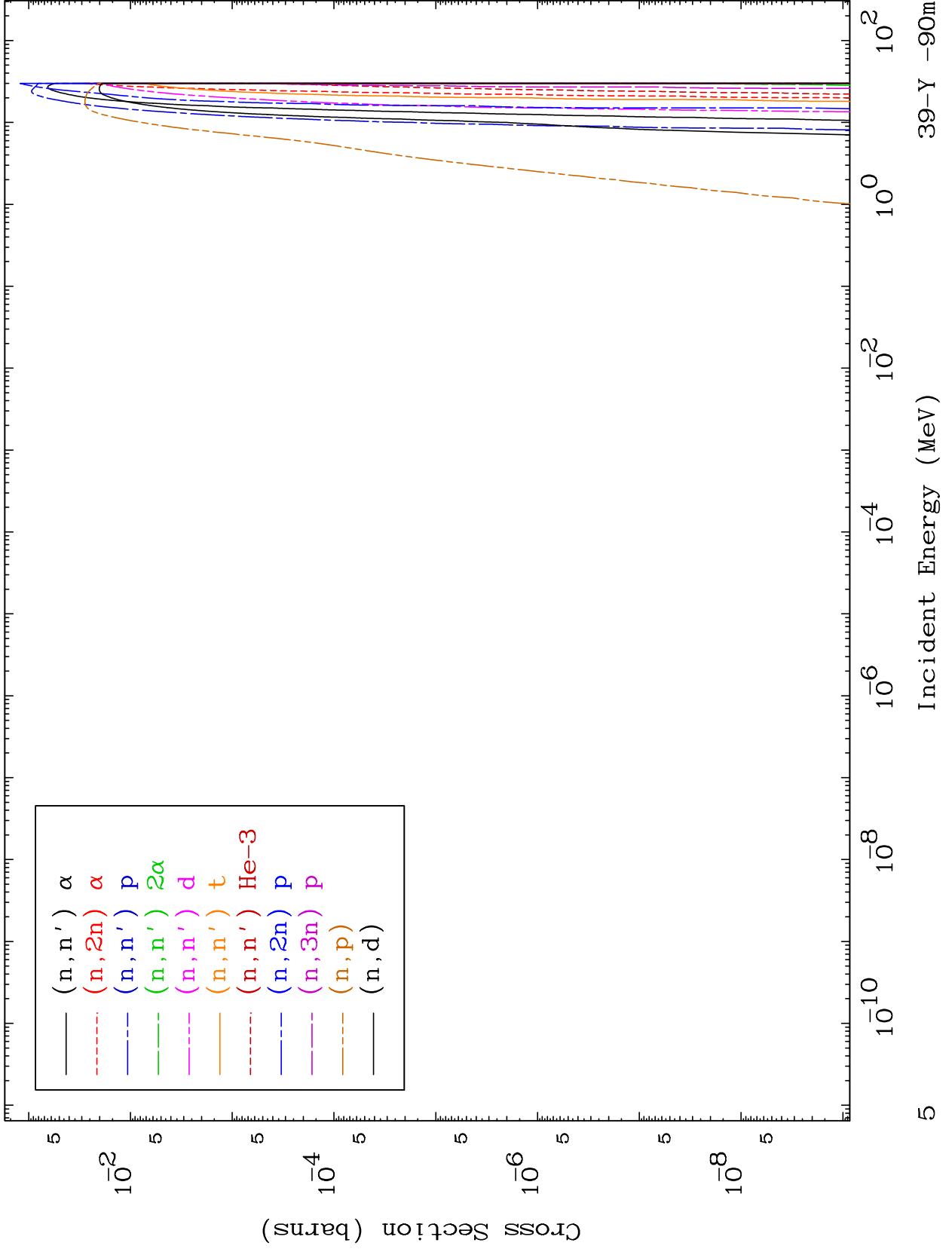
39-Y -90m



MAT 3929

Charged Particle
293 Kelvin Cross Sections

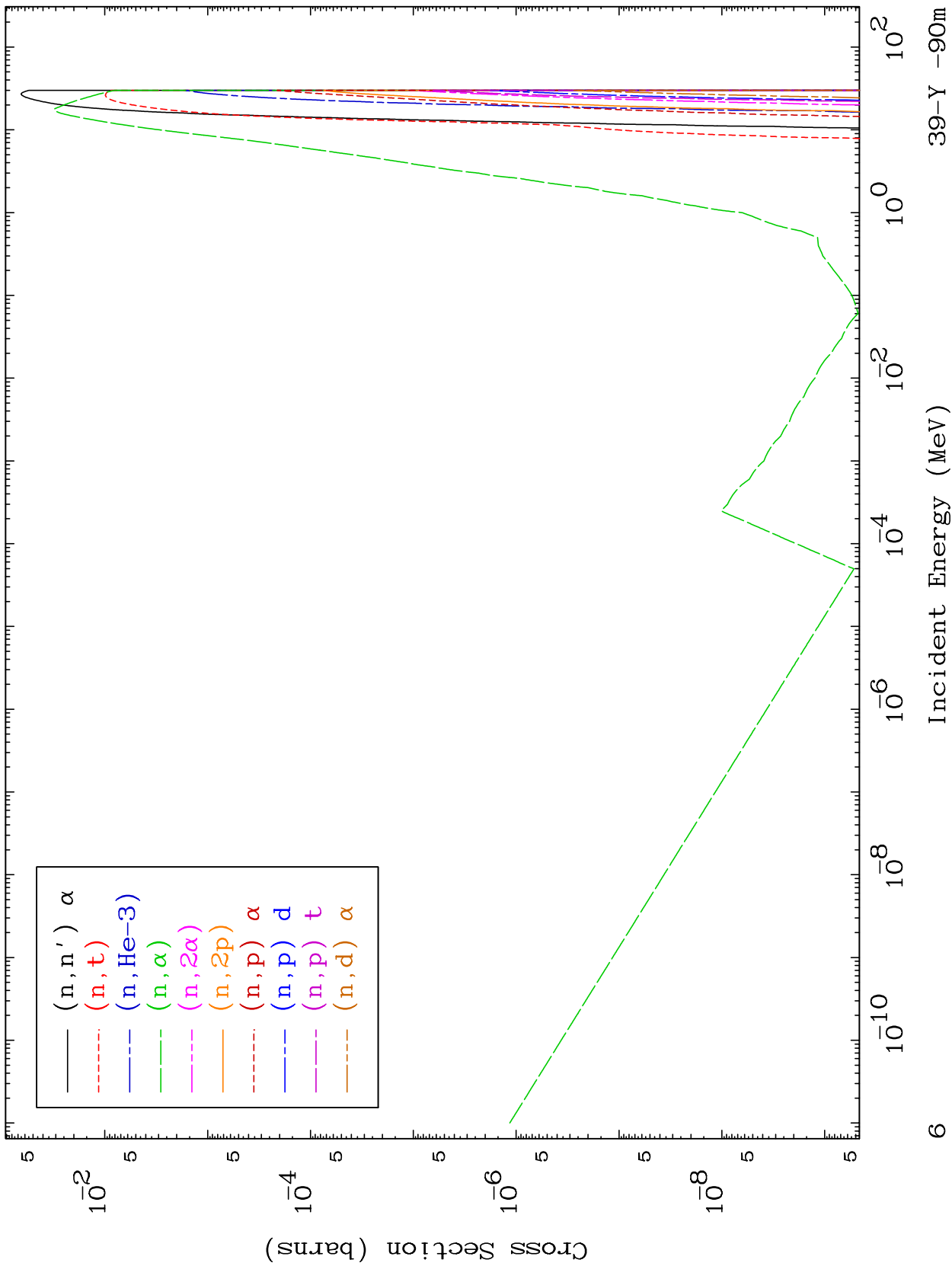
39-Y -90m

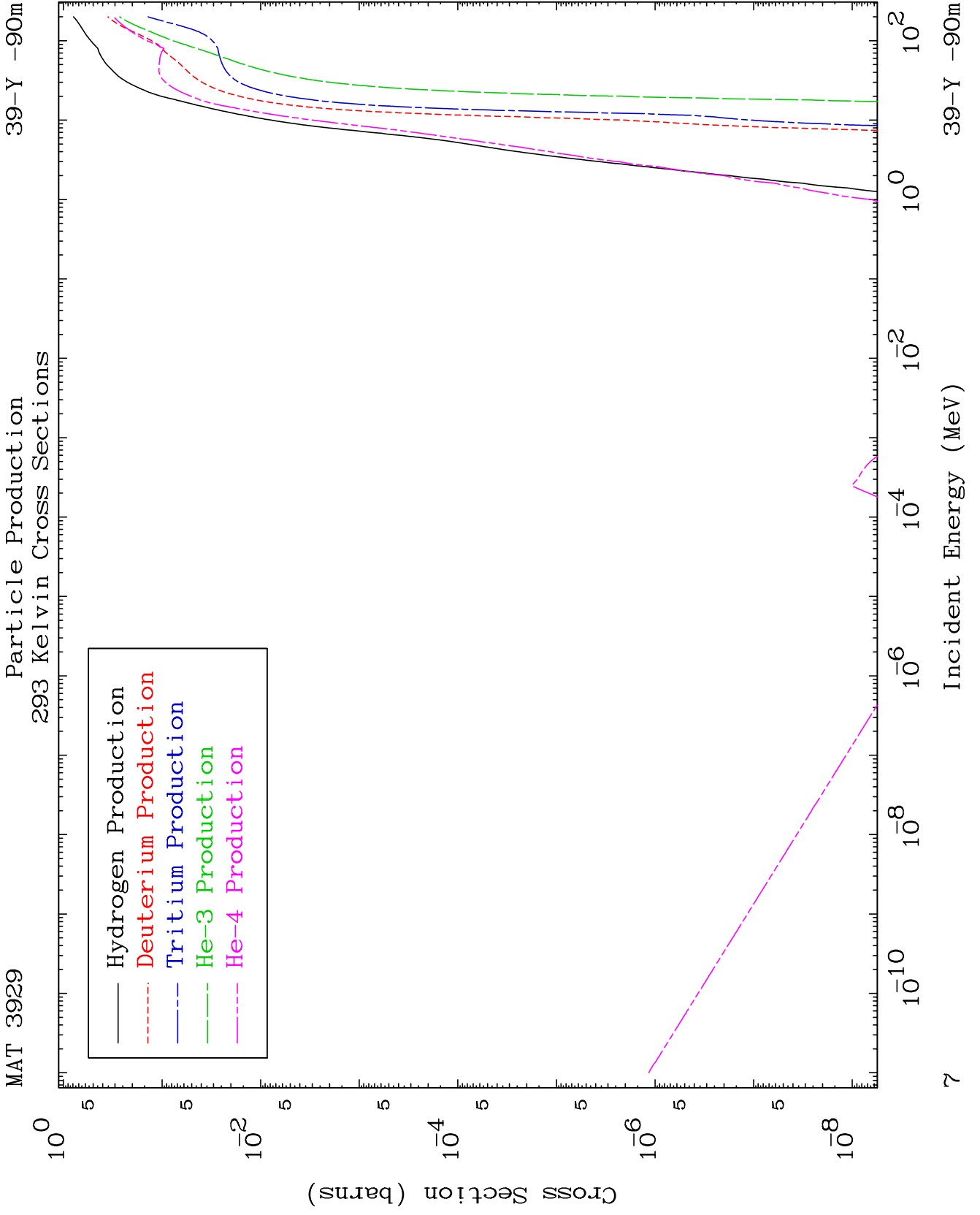


MAT 3929

Charged Particle
293 Kelvin Cross Sections

39-Y -90m

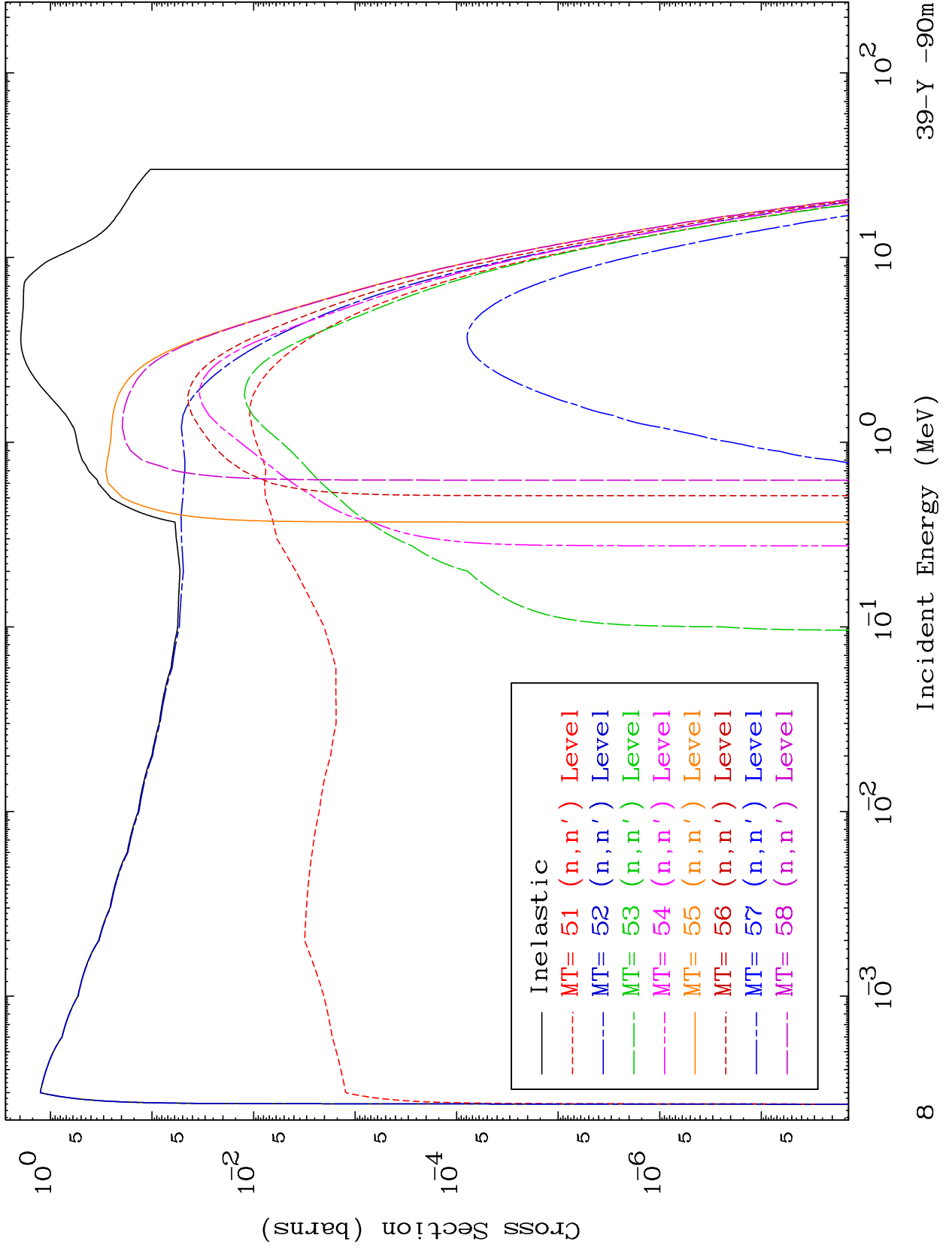




MAT 3929

(n,n') Levels
293 Kelvin Cross Sections

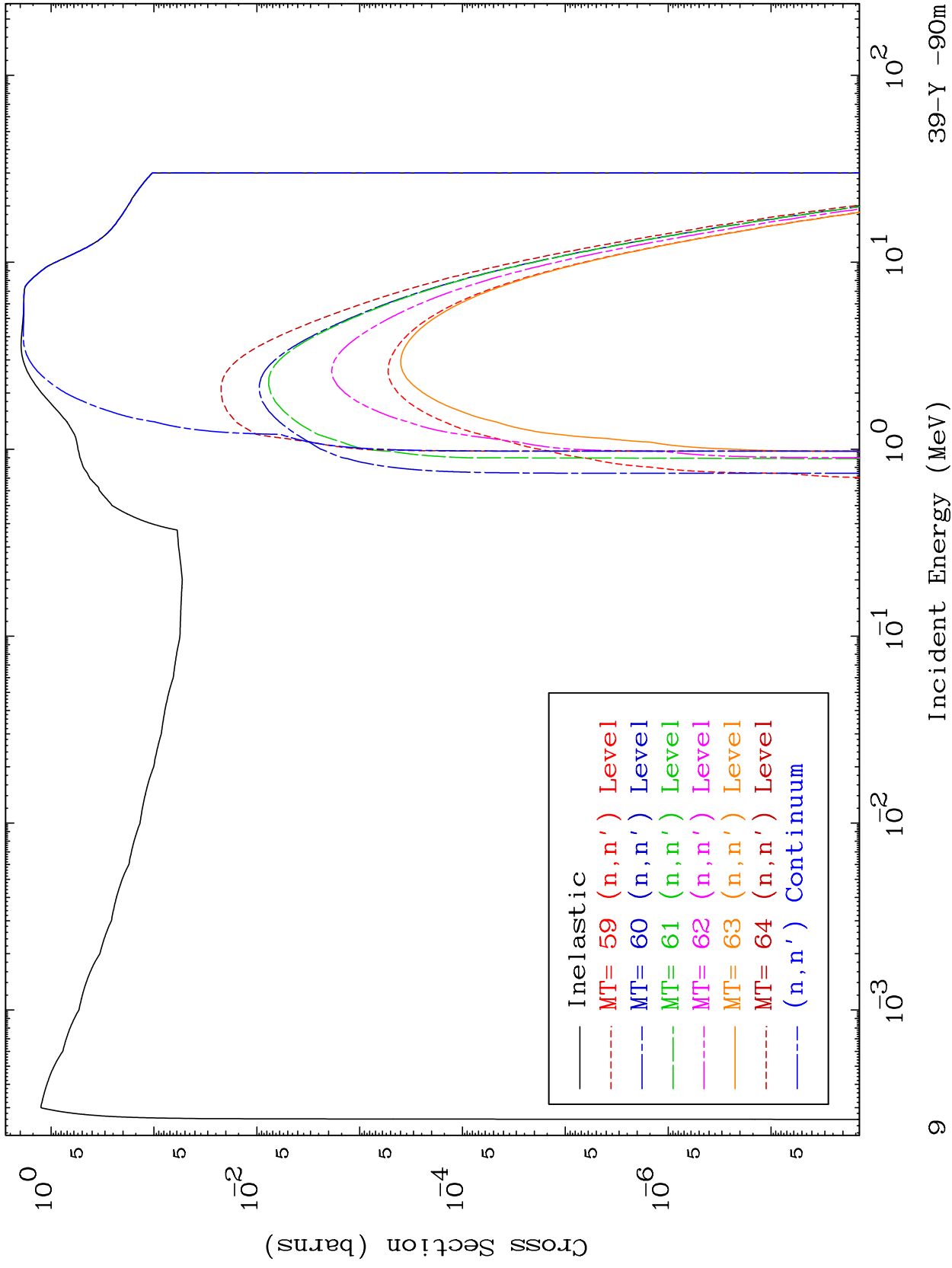
39-Y -90m



MAT 3929

(n,n') Levels
293 Kelvin Cross Sections

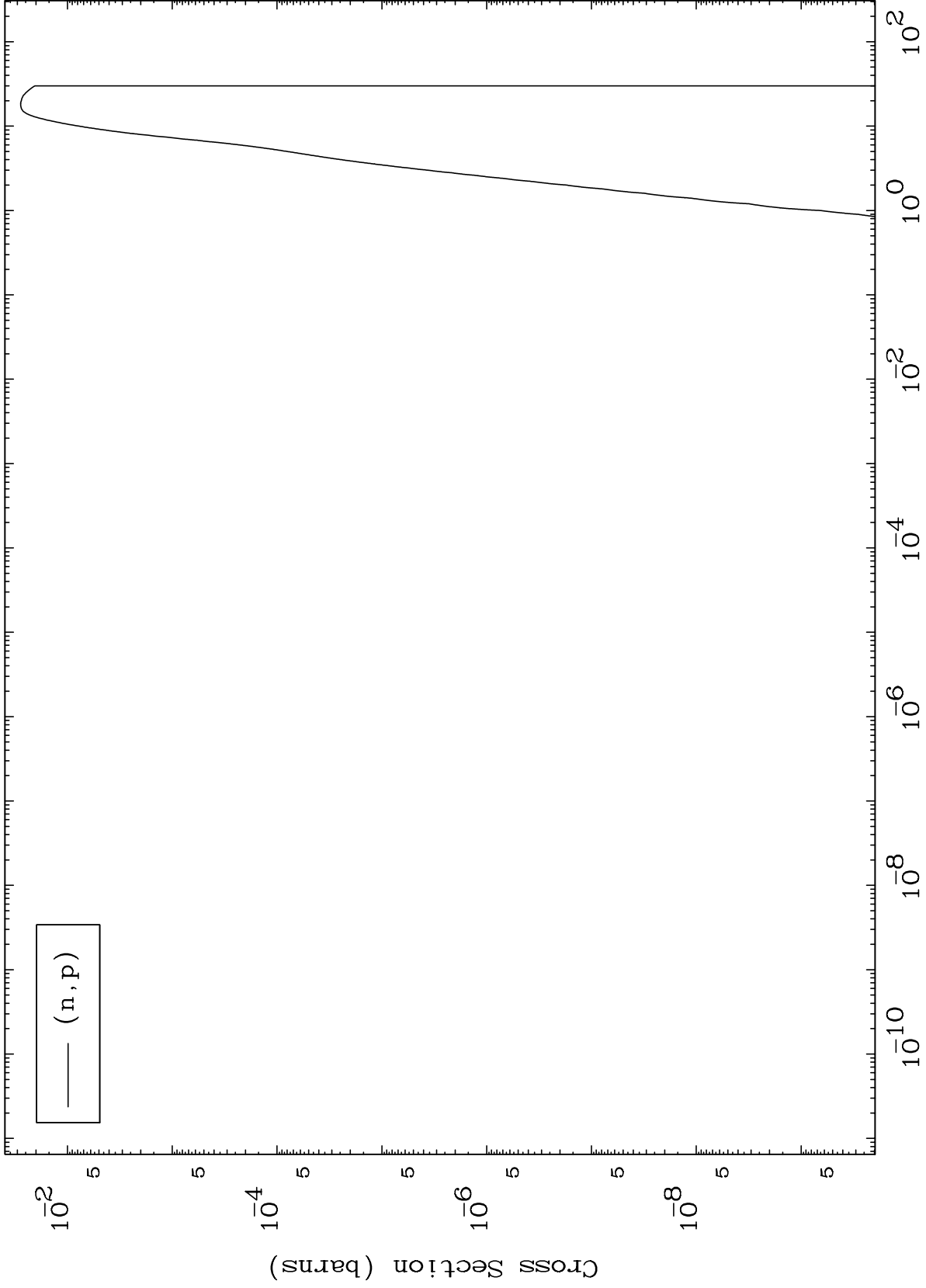
39-Y -90m



MAT 3929

(n,p) Levels
293 Kelvin Cross Sections

39-Y -90m



10

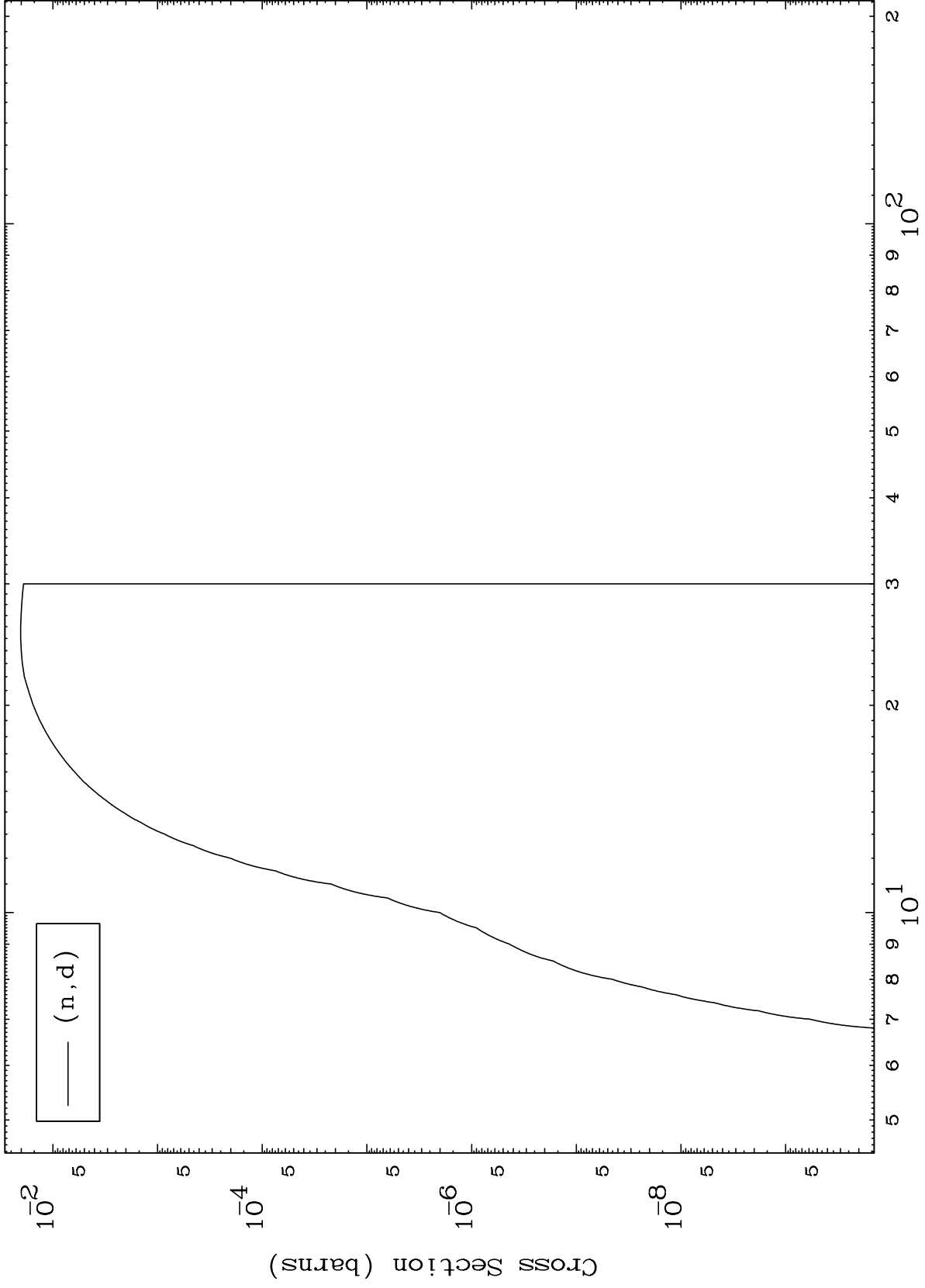
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,d) Levels
293 Kelvin Cross Sections

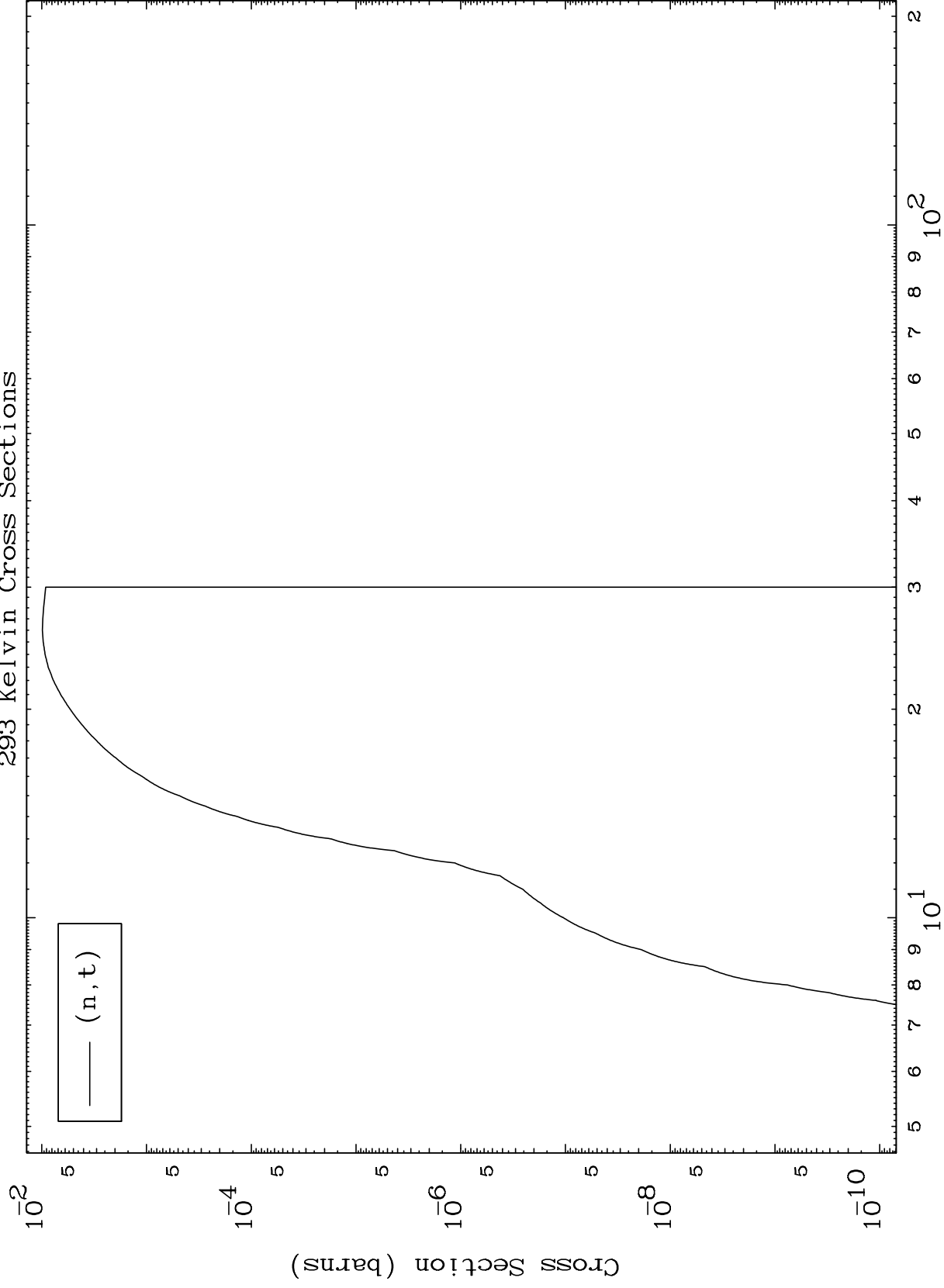
39-Y -90m



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(n,t) Levels
293 Kelvin Cross Sections

39-Y -90m



12

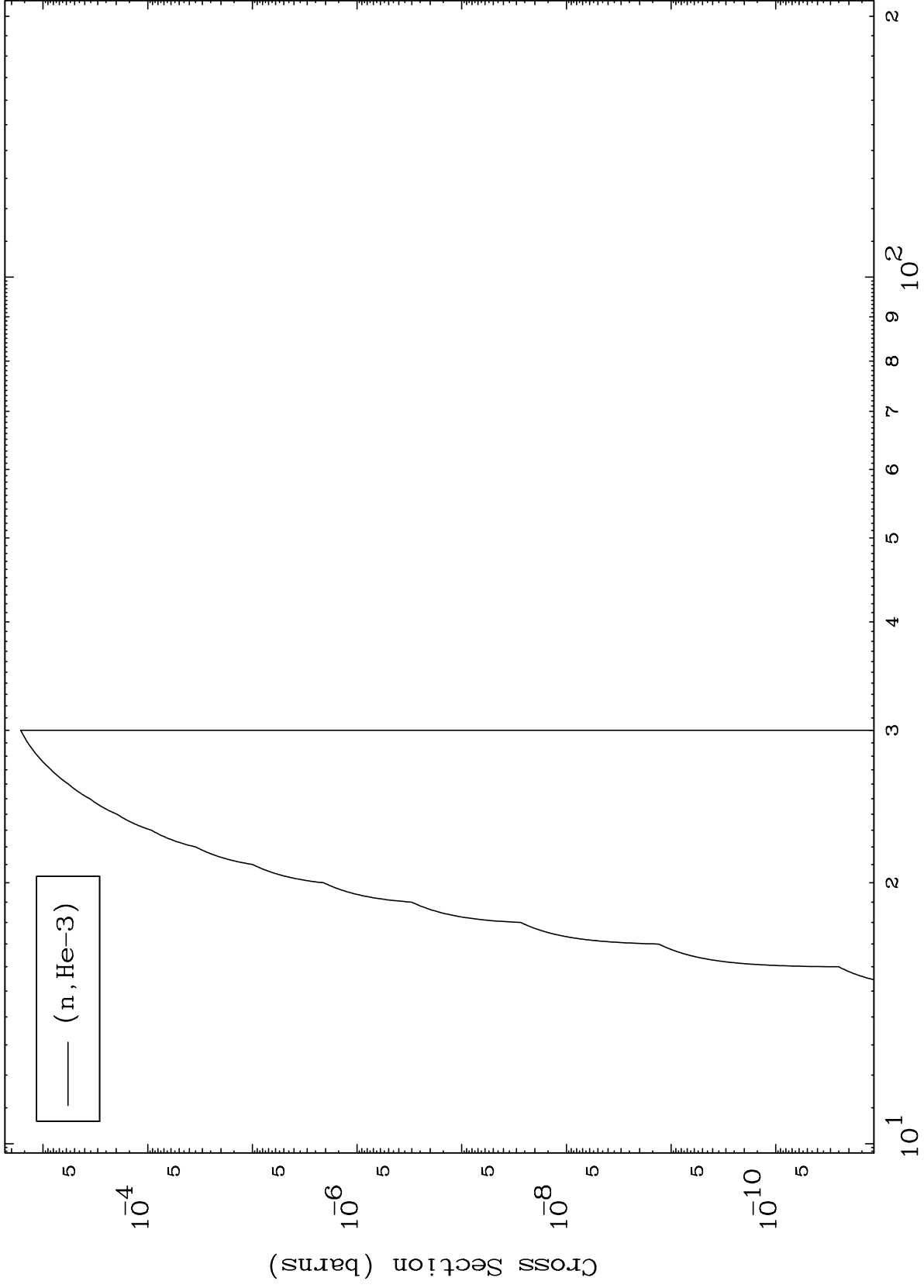
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -90m



13

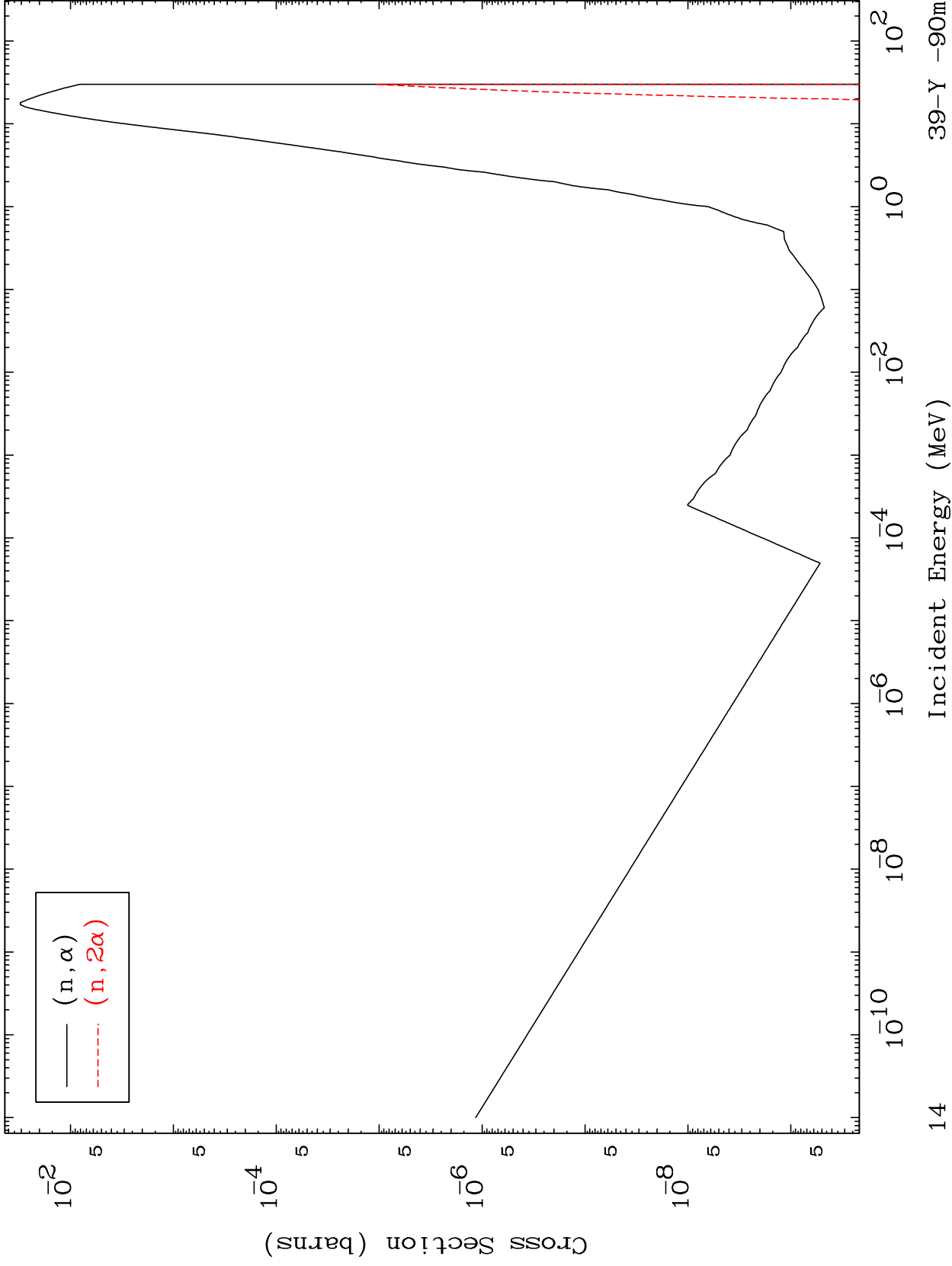
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n, α) Levels
293 Kelvin Cross Sections

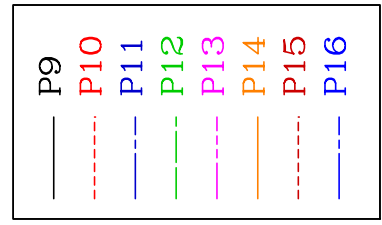
39-Y -90m



MAT 3929

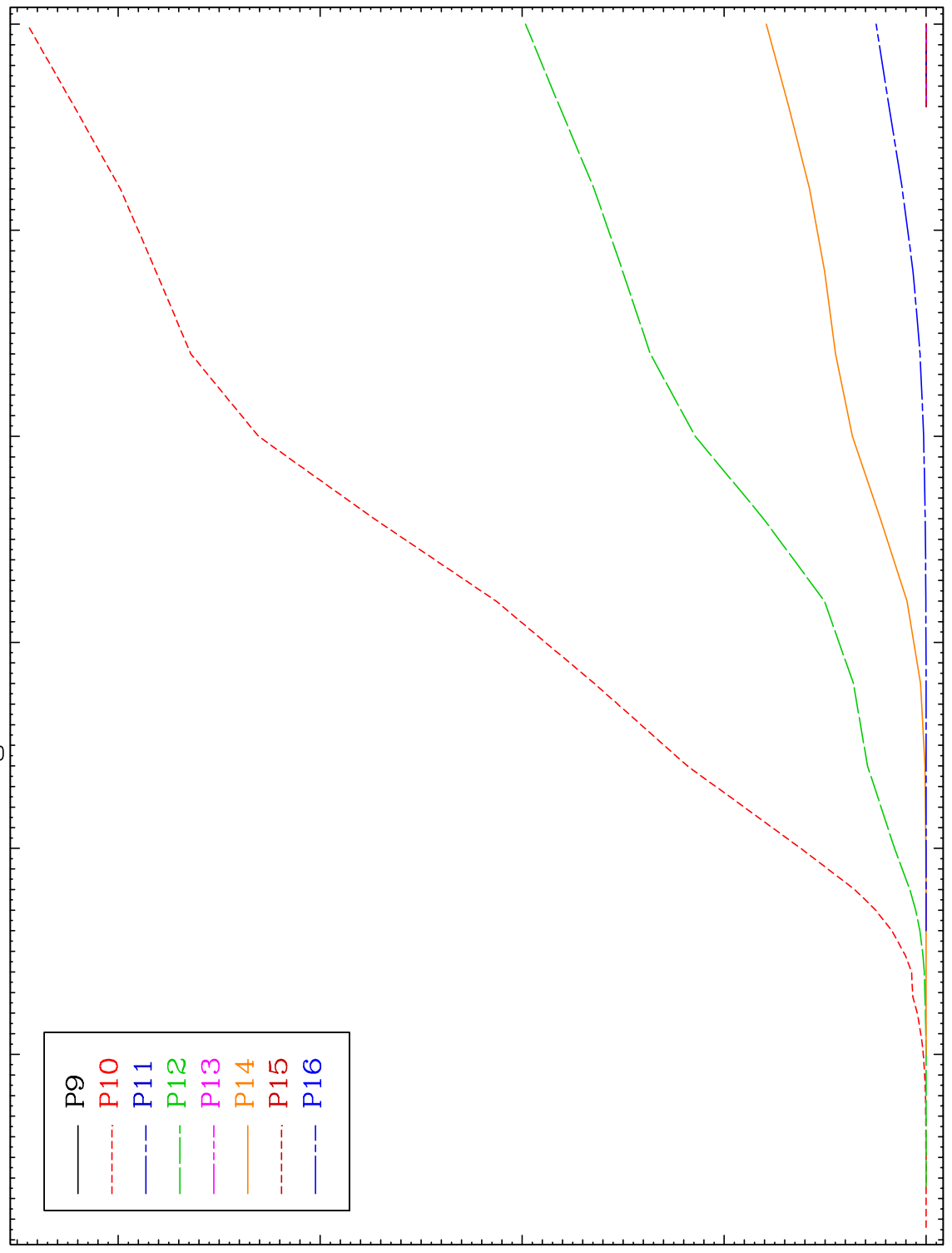
Elastic Legendre Coefficients

39-Y -90m



$\times 10^{-4}$

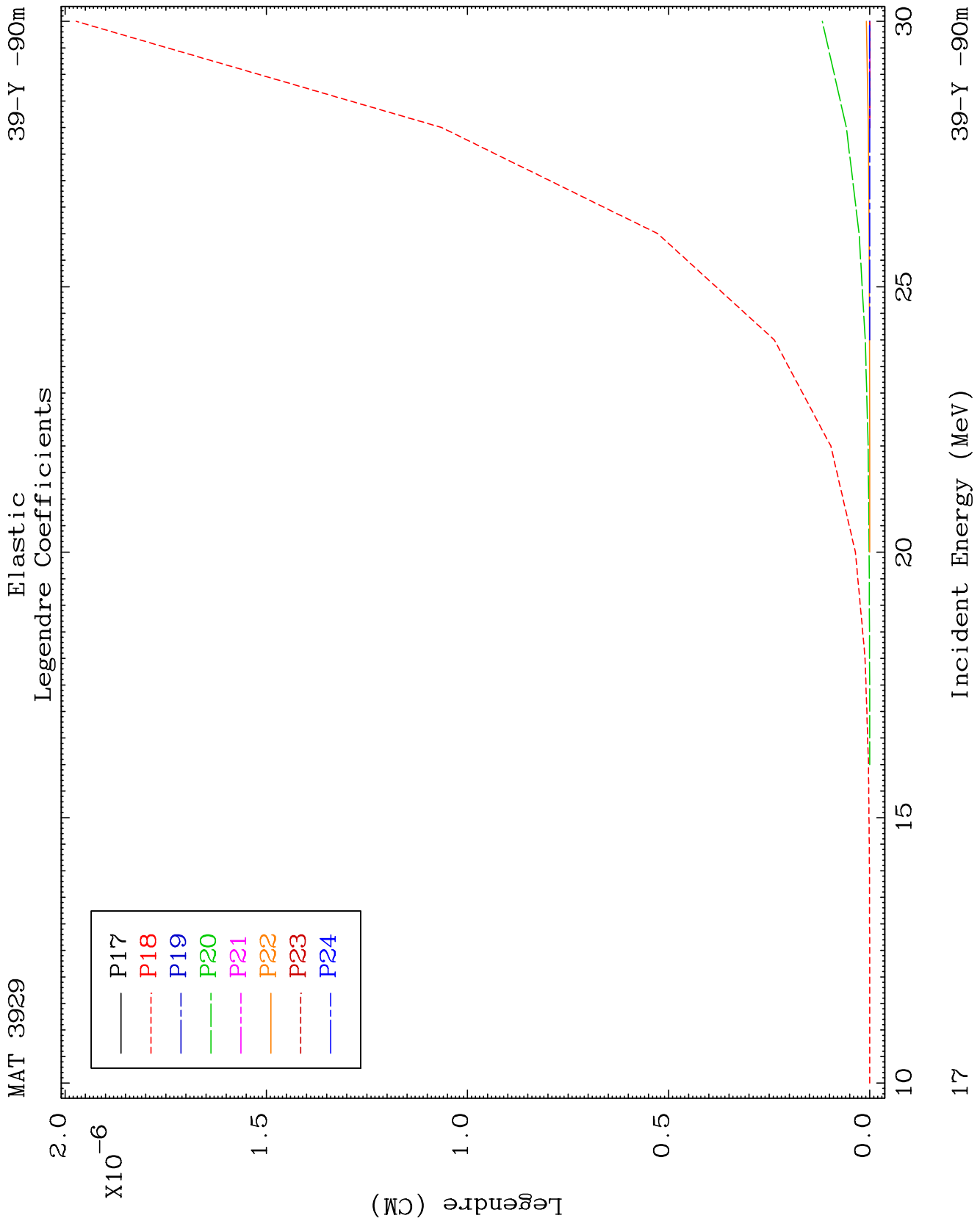
Legendre (CM)



16

Incident Energy (MeV)

39-Y -90m



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Elastic Legendre Coefficients

39-Y -90m

17

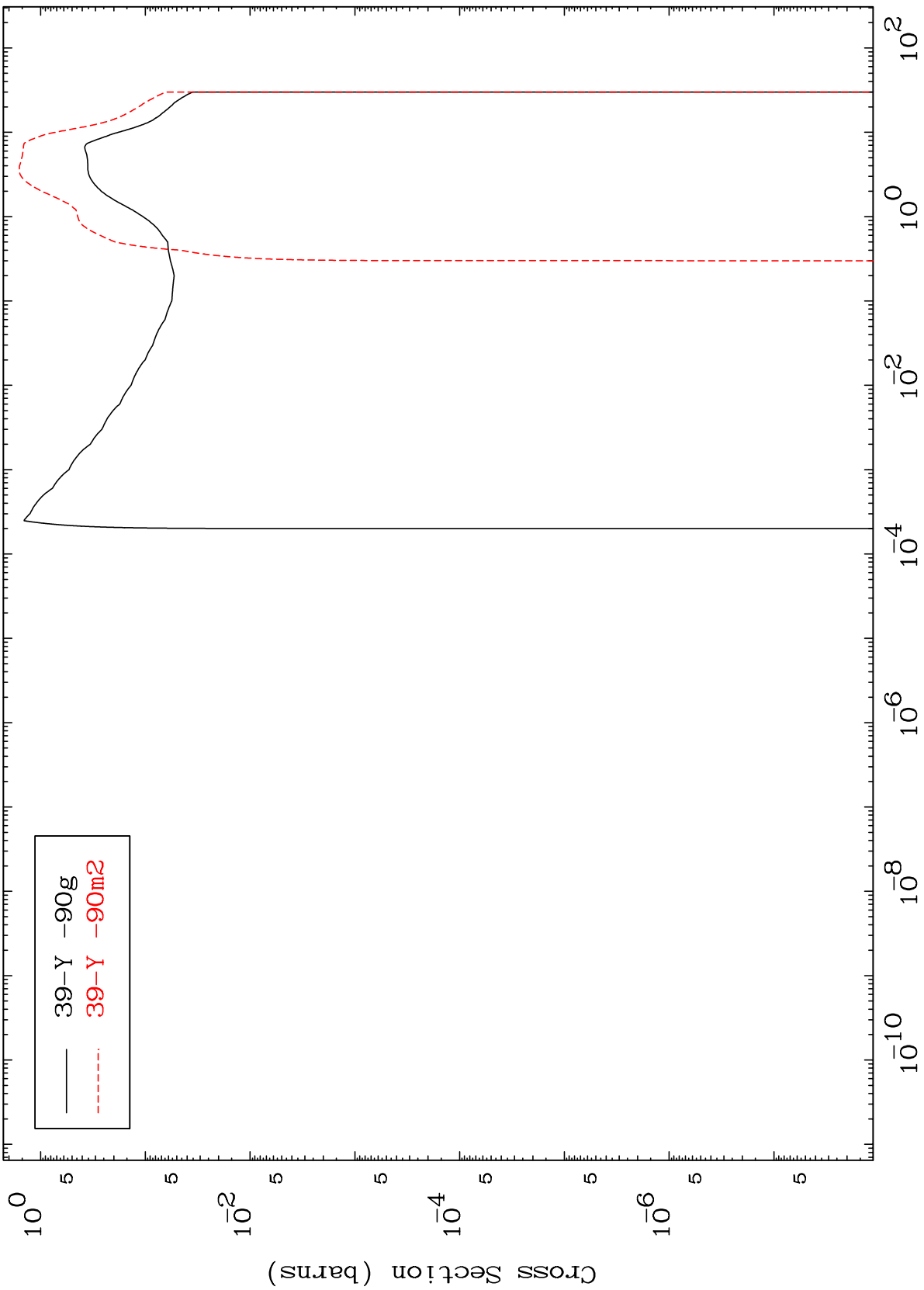
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

Inelastic
Radionuclide Production Cross Section



— 39-Y -90g
- - - 39-Y -90m2

39-Y -90m

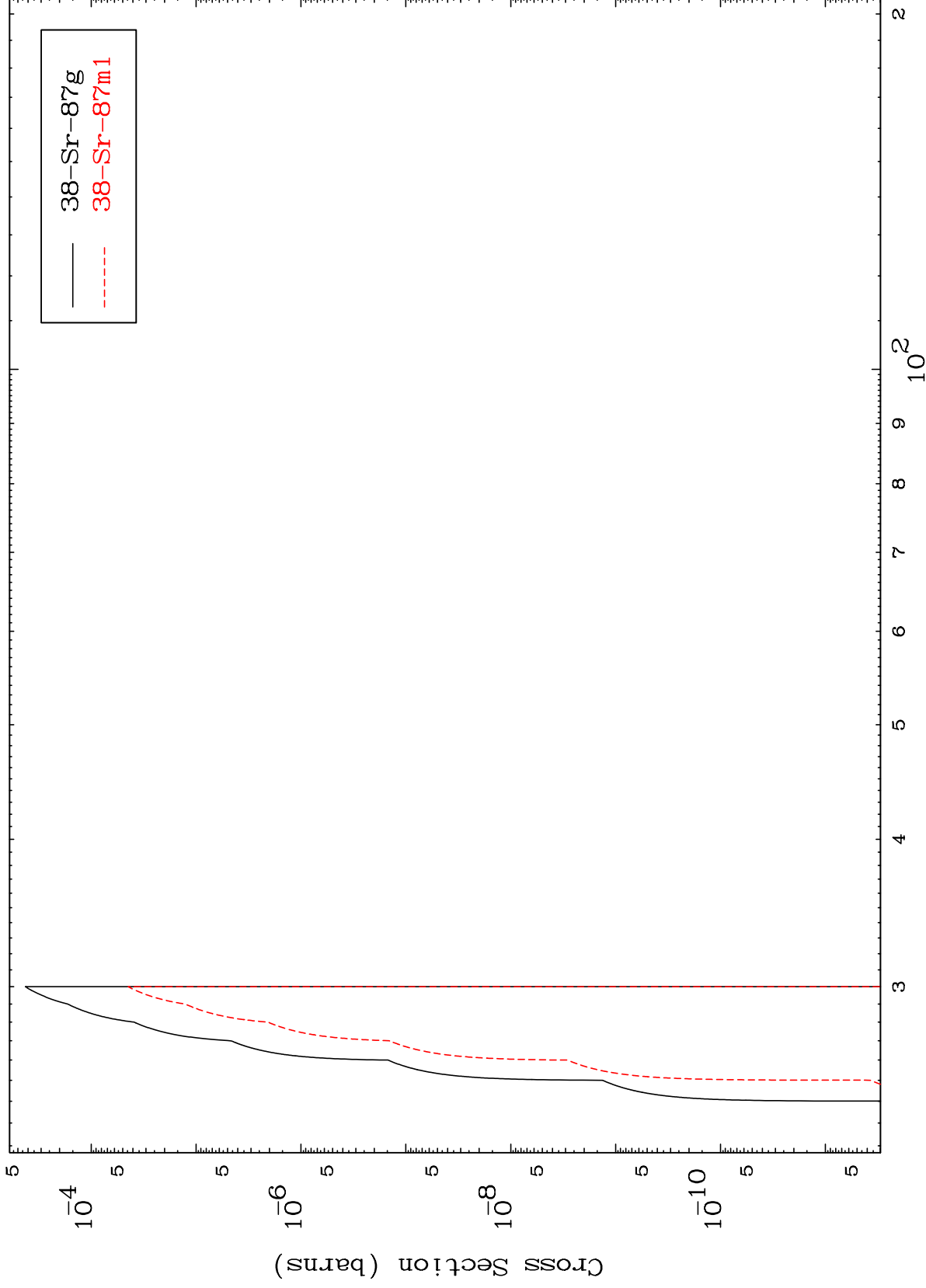
Incident Energy (MeV)

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(n,2n) d

39-Y -90m

Radionuclide Production Cross Section



19

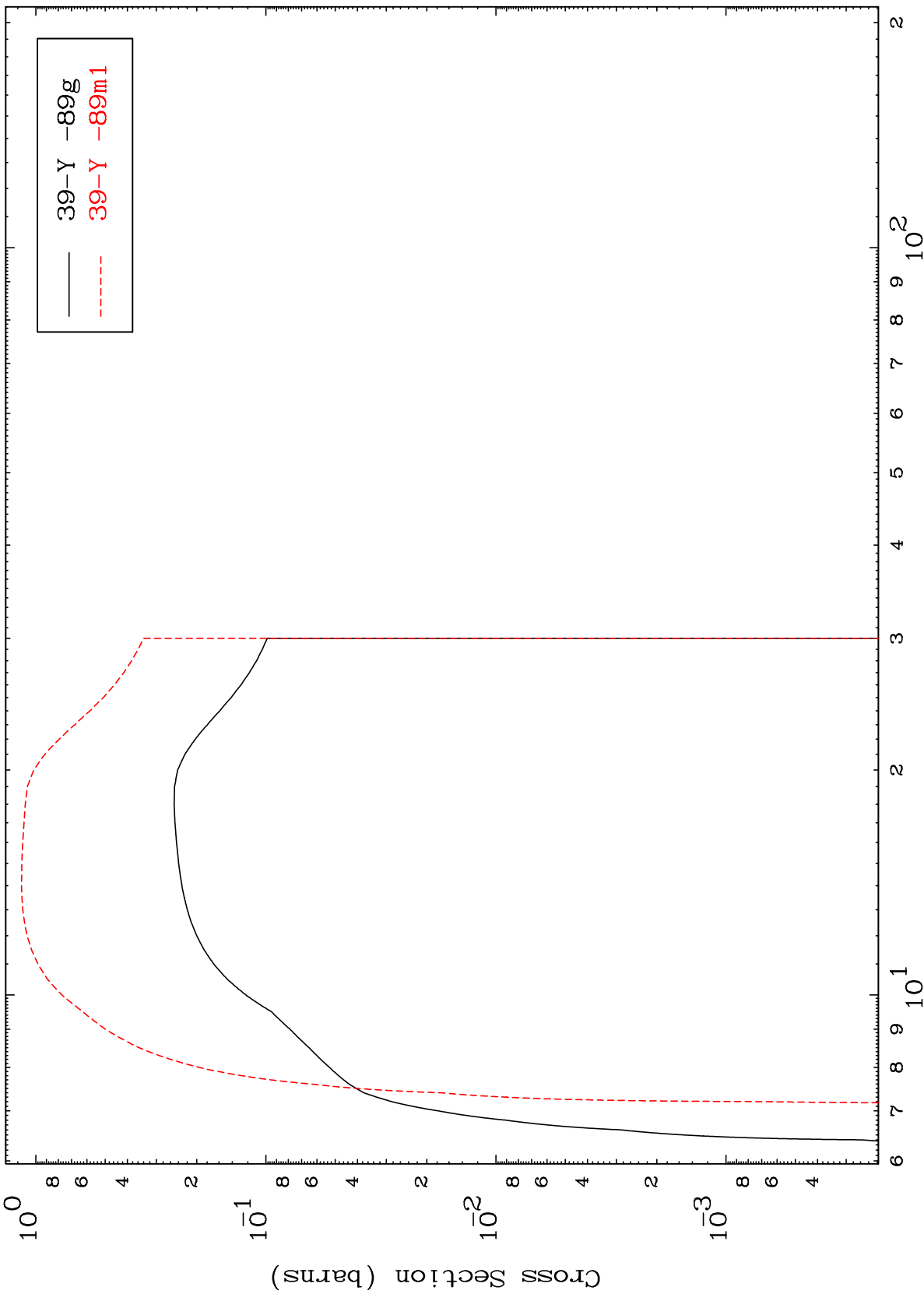
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

(n,2n)
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

Incident Energy (MeV)

39-Y -90m

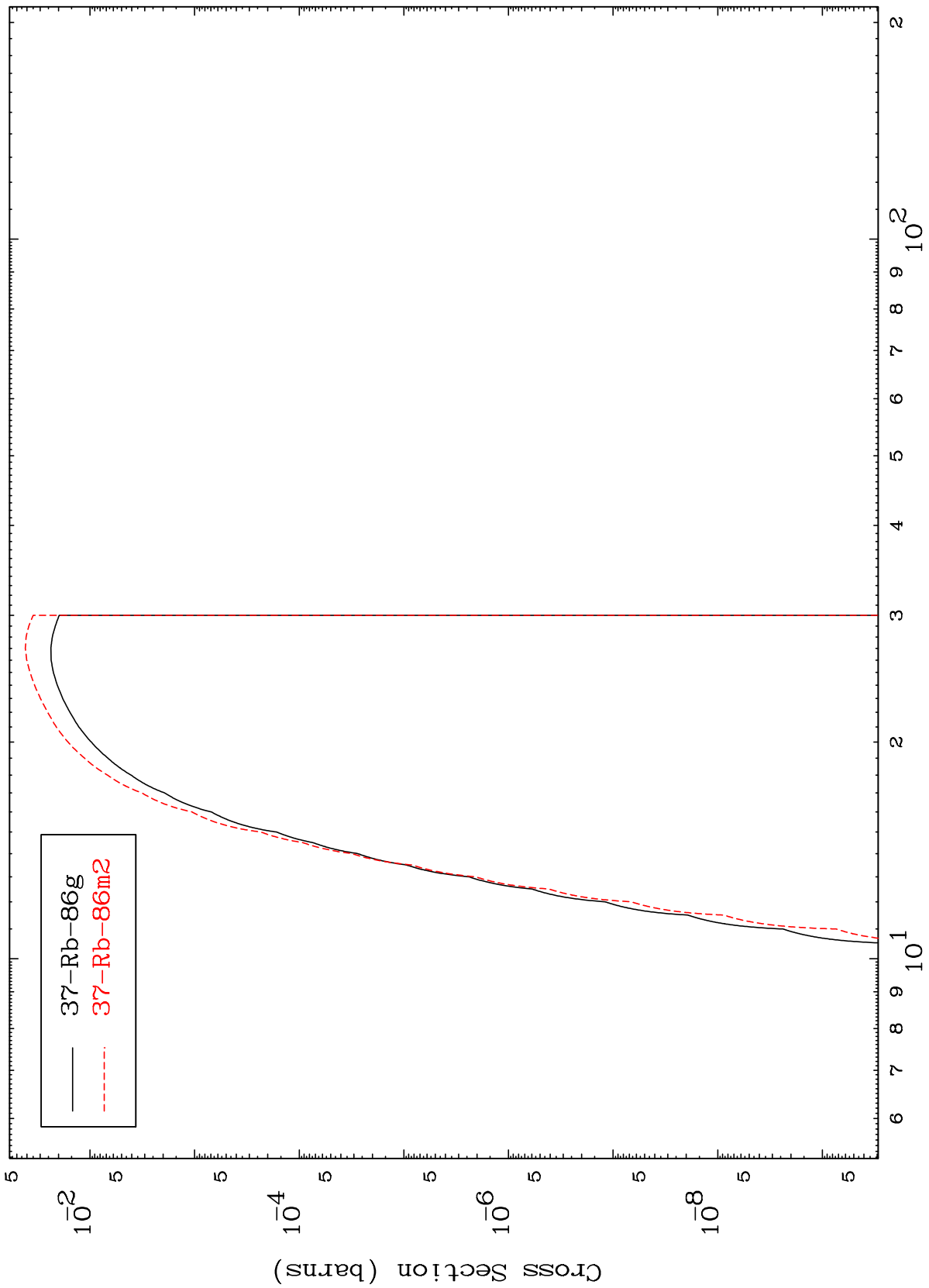
20

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39-Y -90m

(n,n') α

Radionuclide Production Cross Section



21

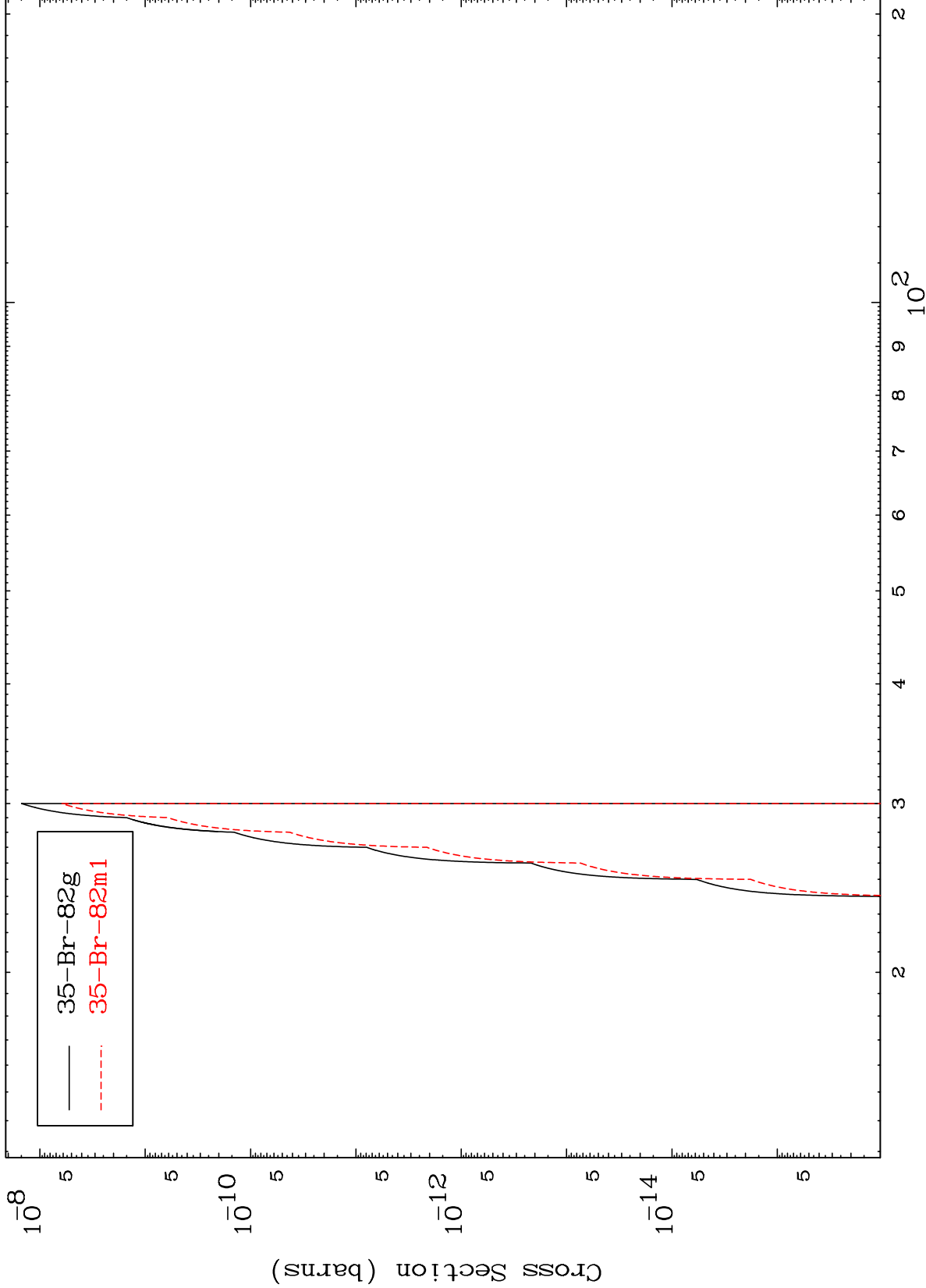
39-Y -90m

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(n,n') 2 α

39-Y -90m

Radionuclide Production Cross Section

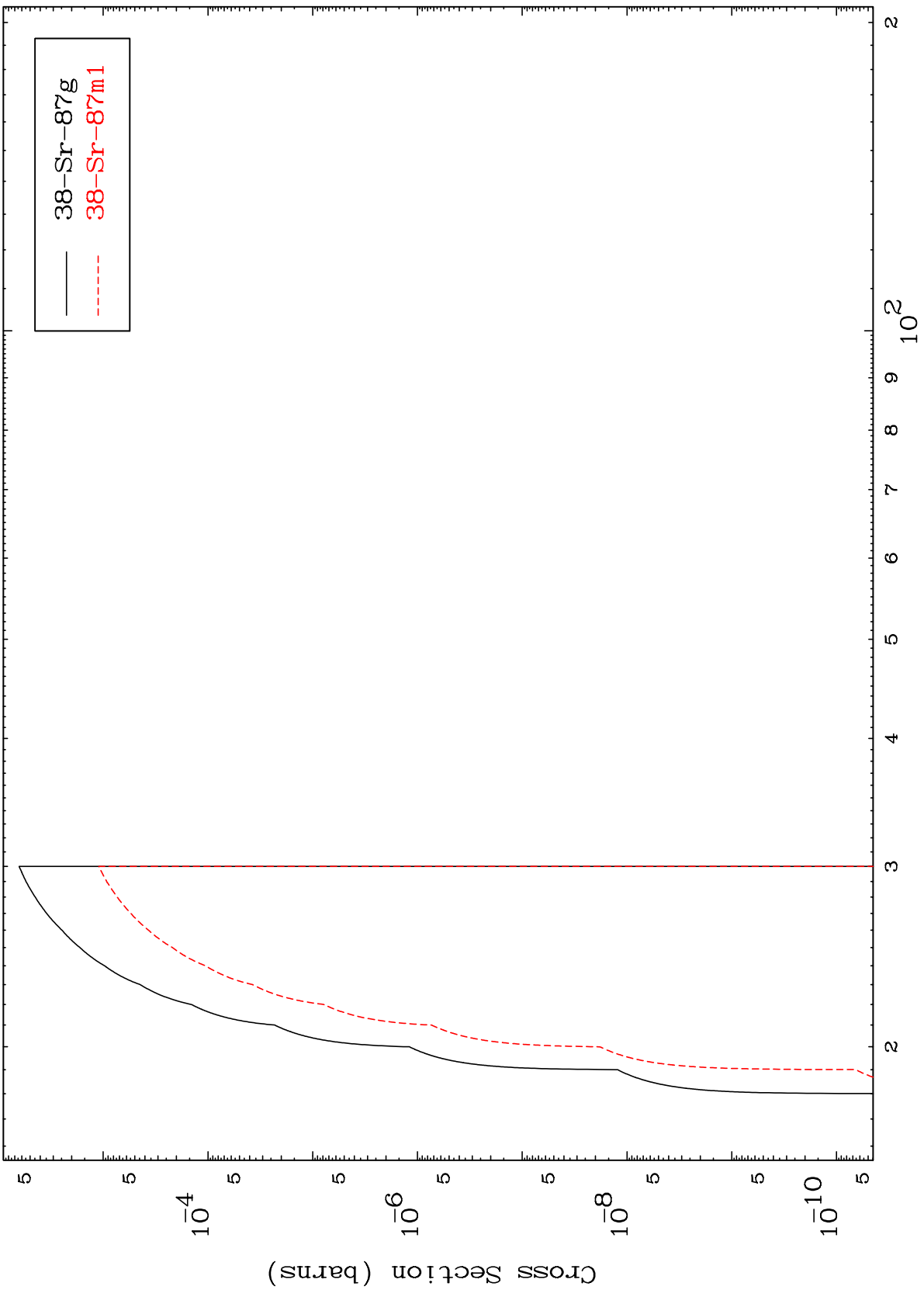


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(n,n') t

39-Y -90m

Radionuclide Production Cross Section



38-Sr-87g
38-Sr-87m1

23

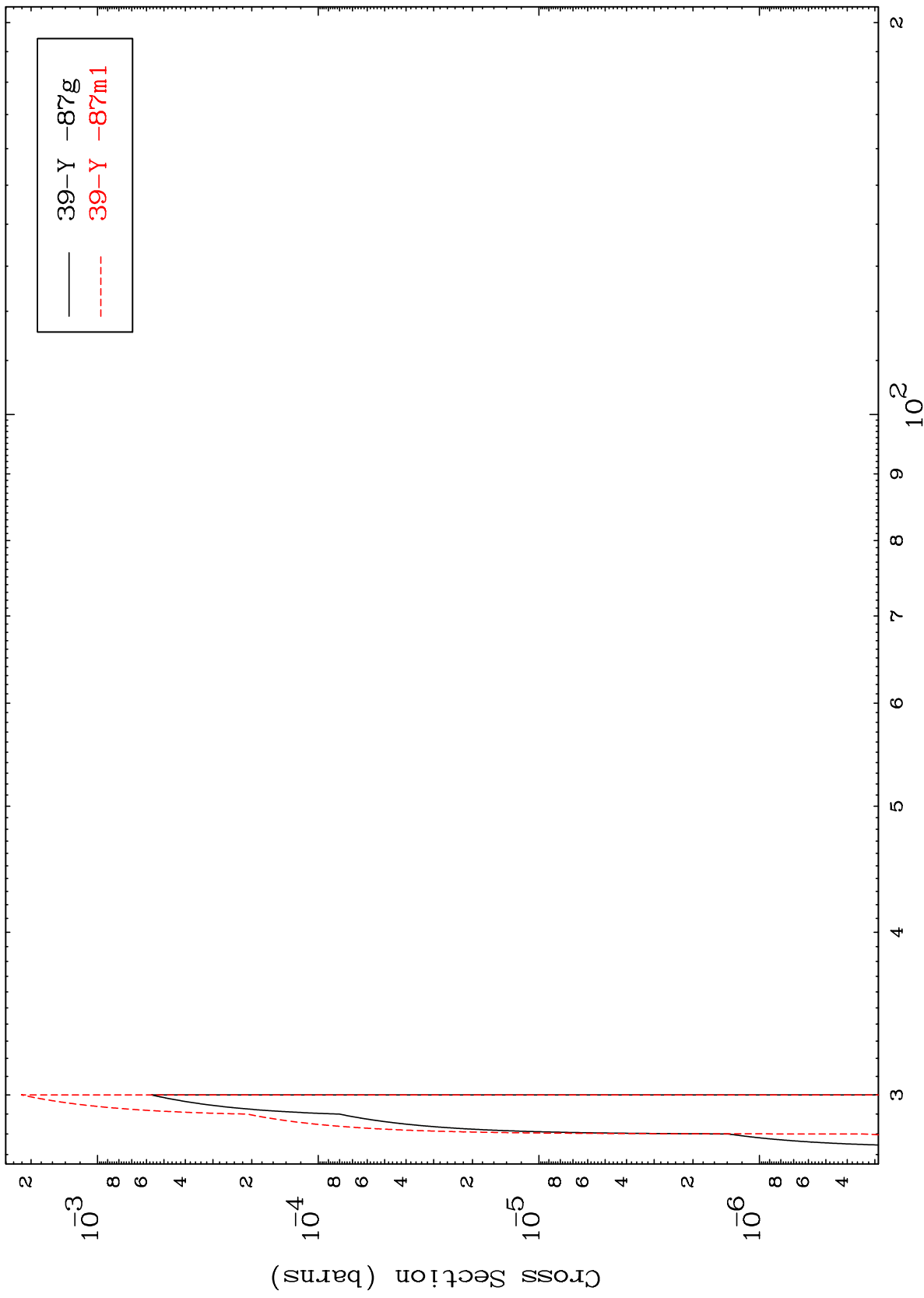
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

(n,4n)
Radionuclide Production Cross Section

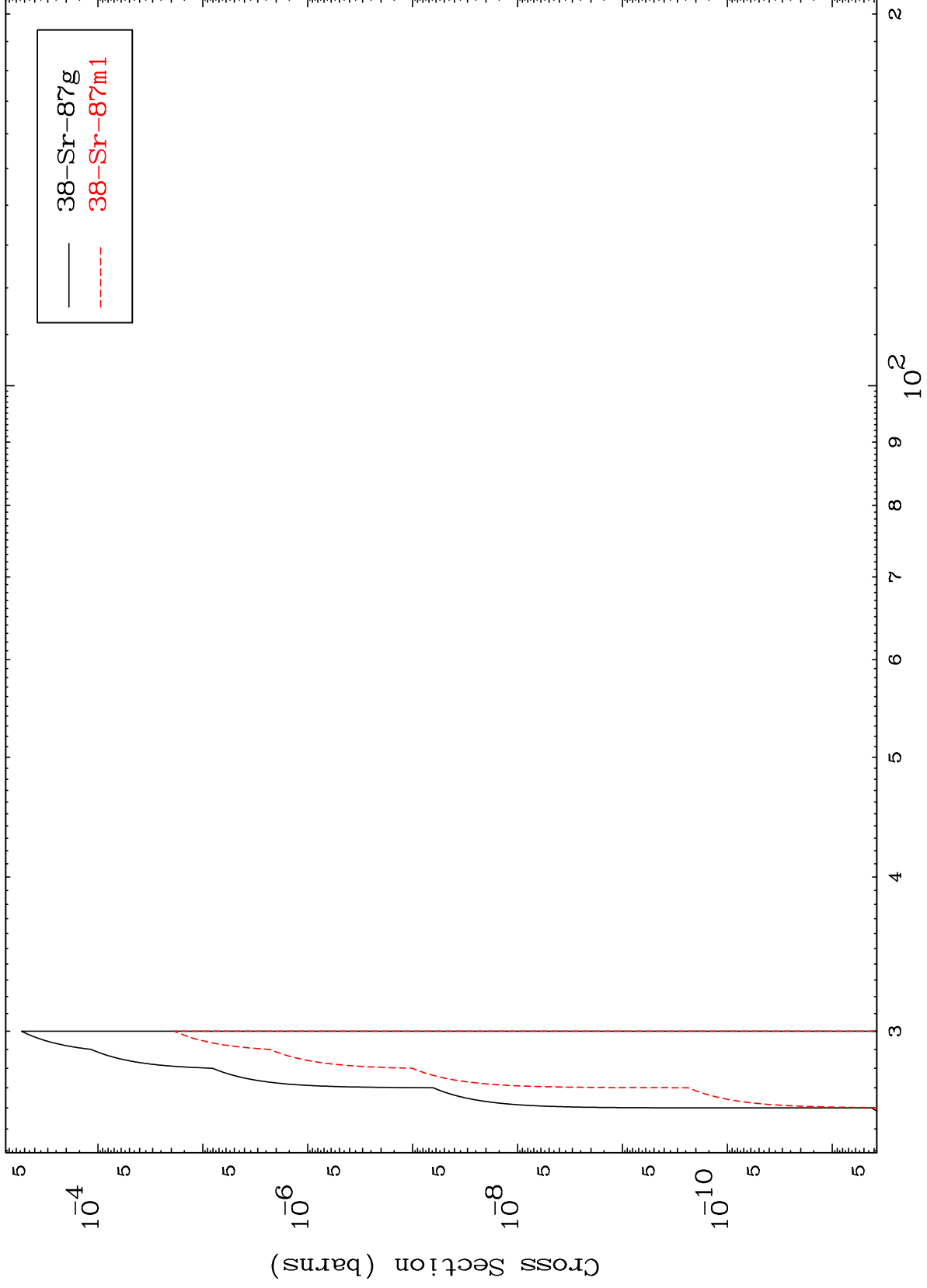


24

39-Y -90m

Incident Energy (MeV)

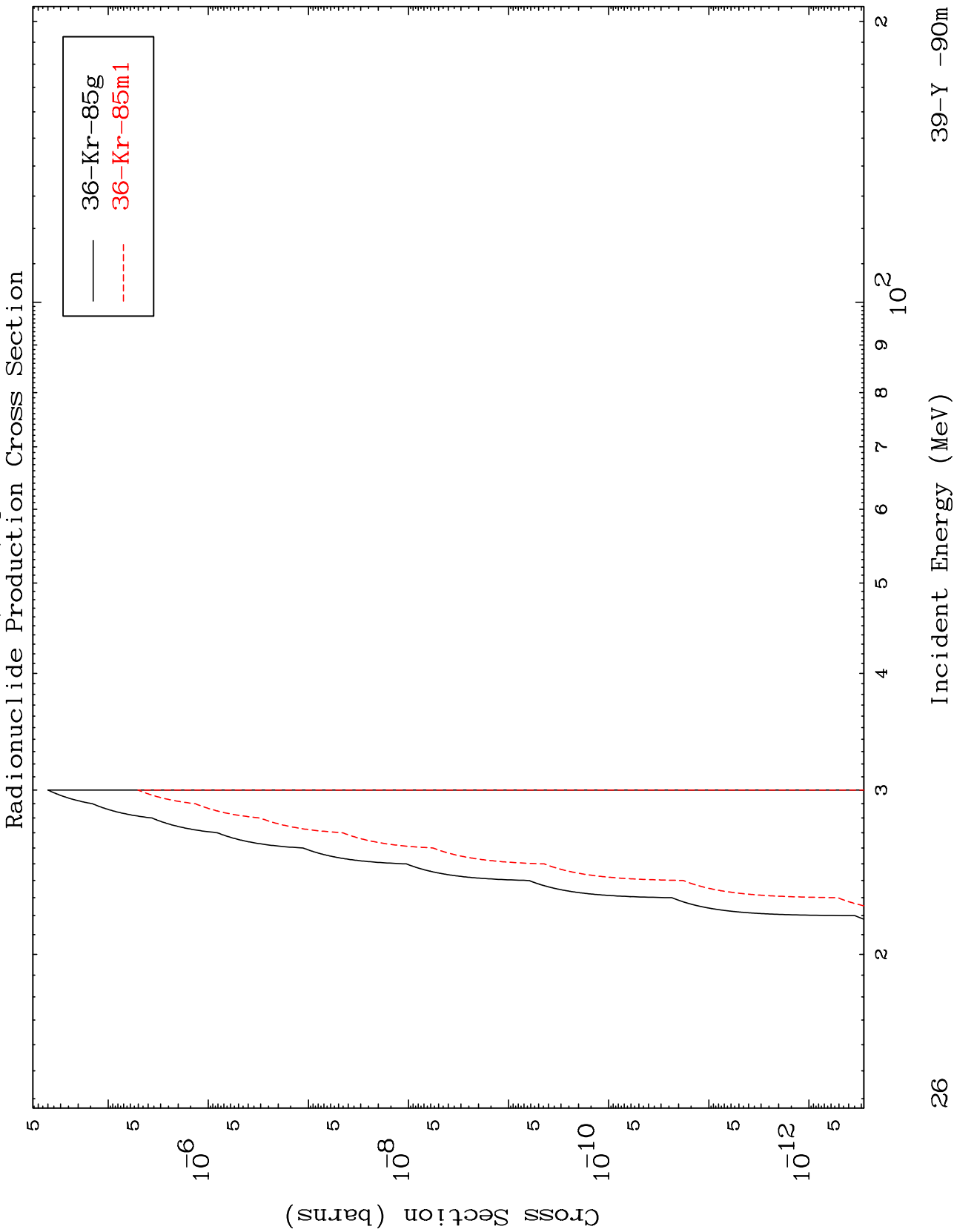
Radionuclide Production Cross Section



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(n,n') p α

39-Y -90m



26

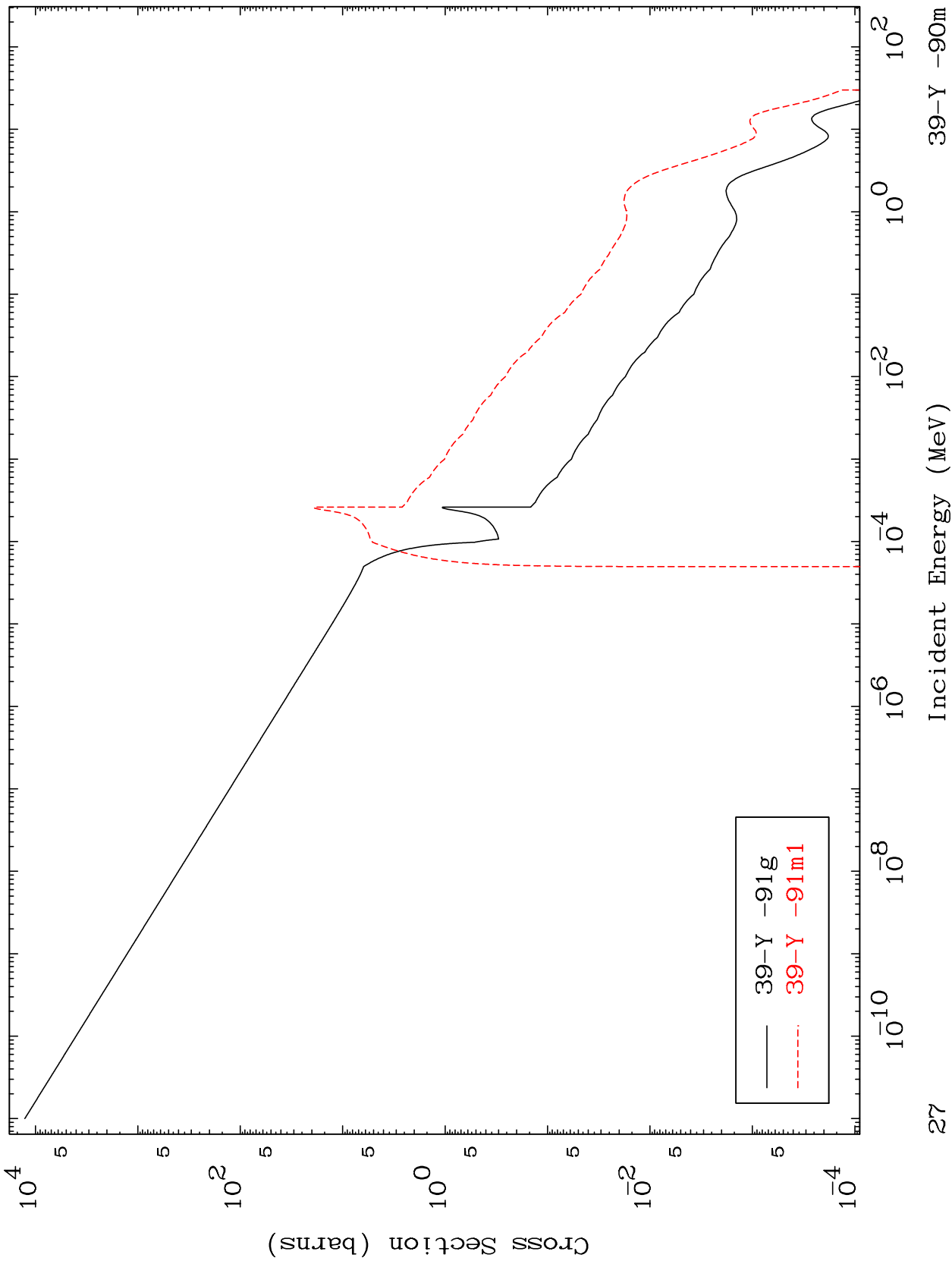
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

(n, γ)
Radionuclide Production Cross Section

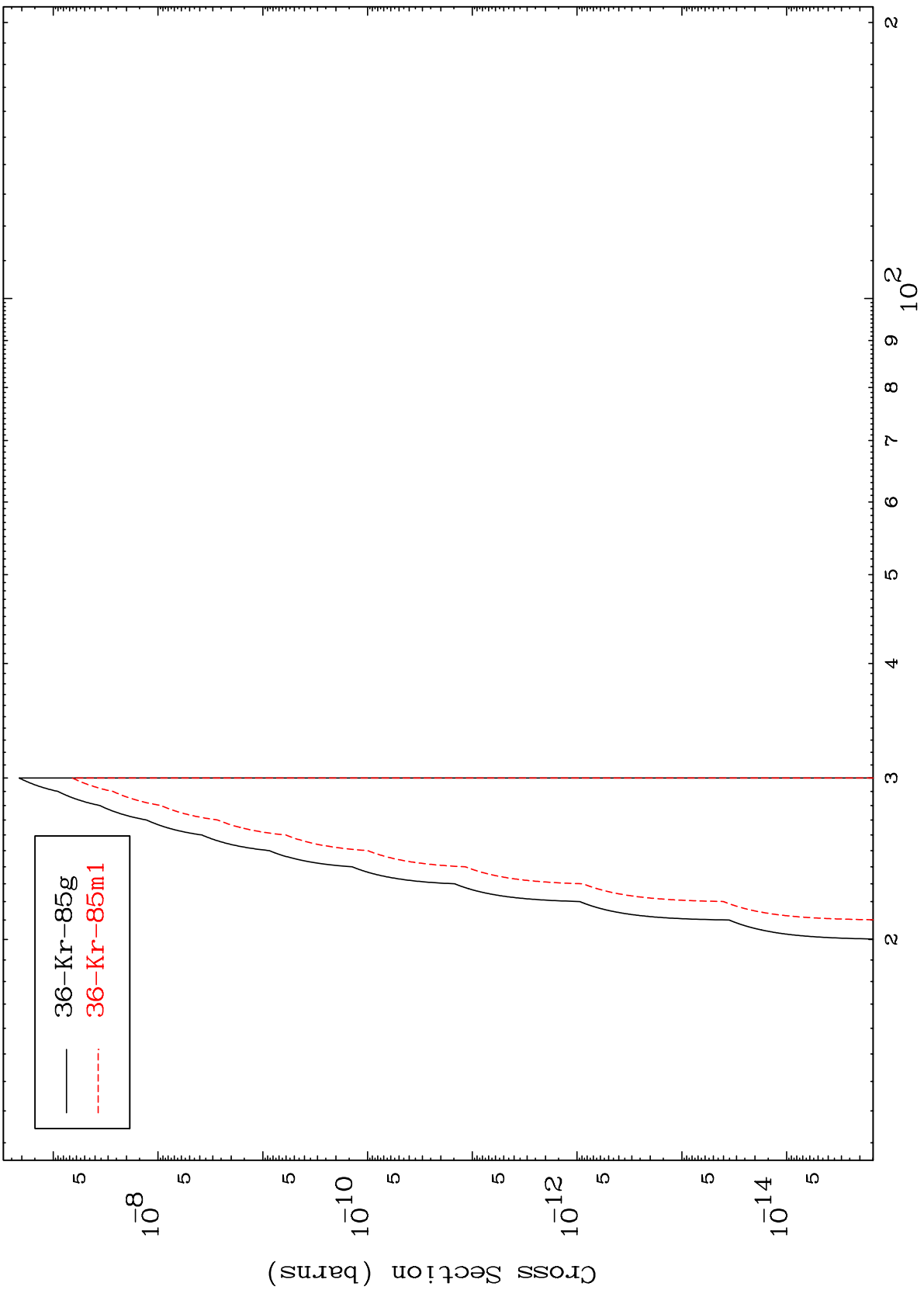


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(n,d) α

39-Y -90m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

39-Y -90m