

Program EVALPLOT  
(Version 2021-1)

by

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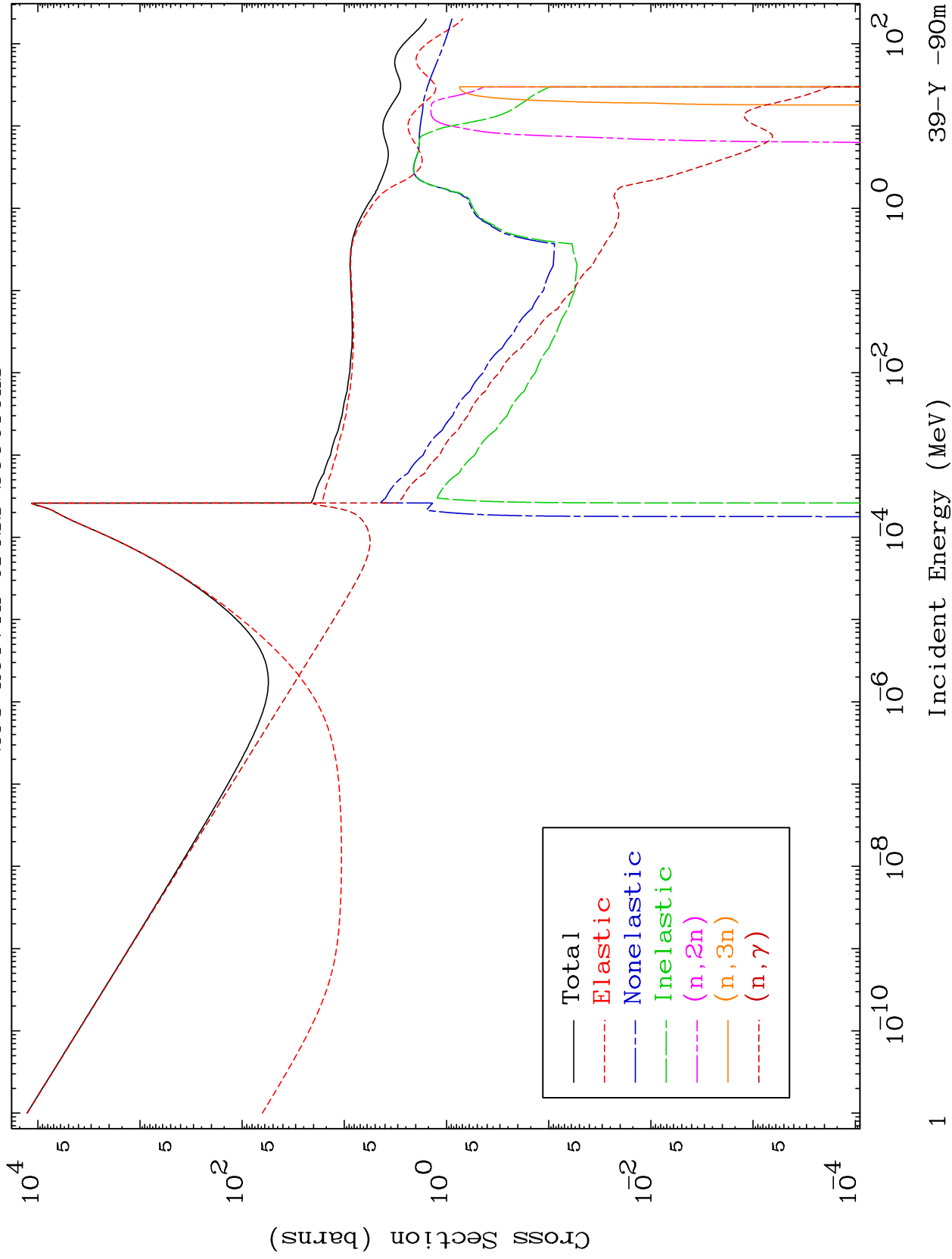
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

Neutron Major  
293 Kelvin Cross Sections

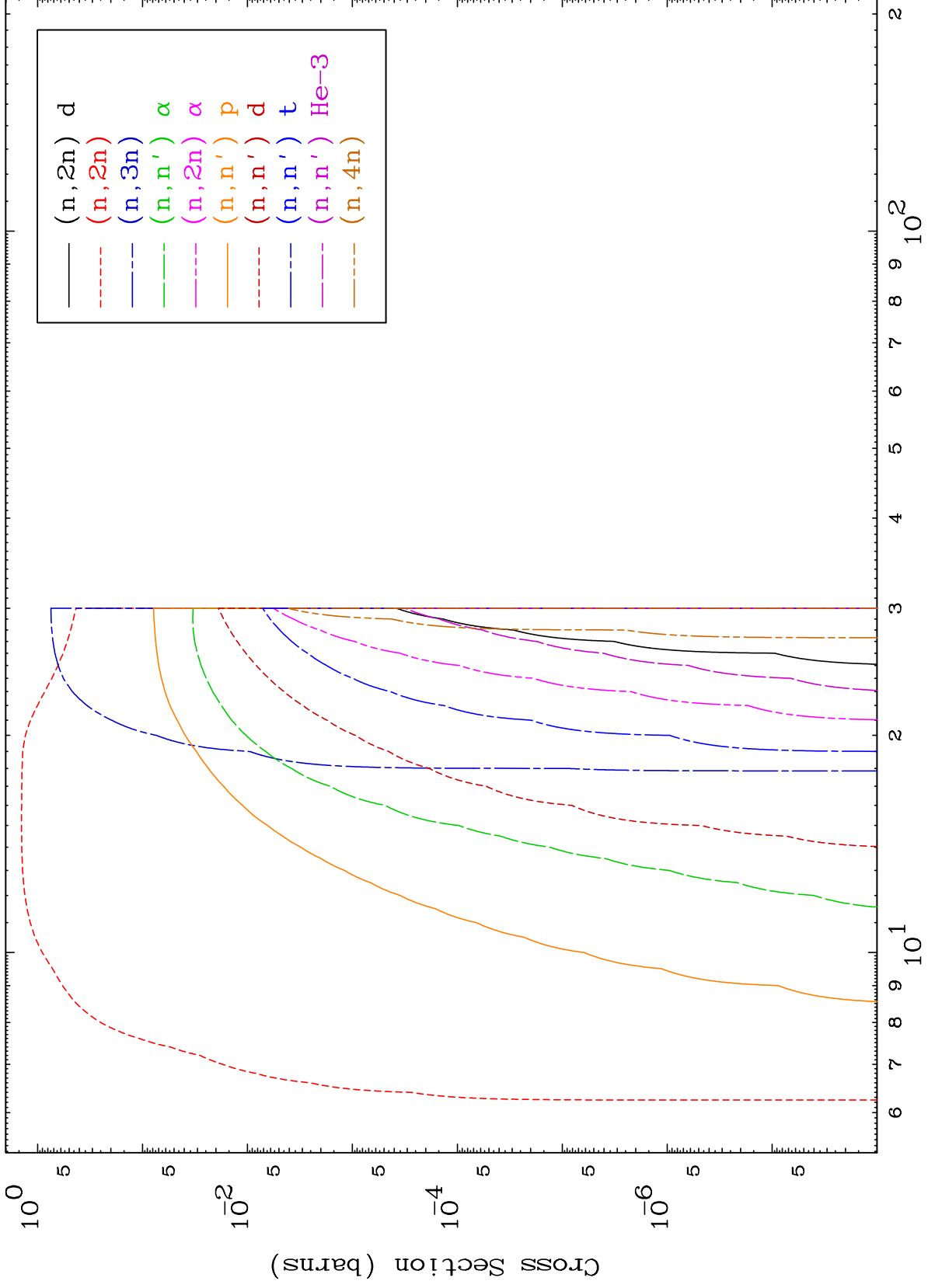
39-Y -90m



MAT 3929

Neutron Absorption  
293 Kelvin Cross Sections

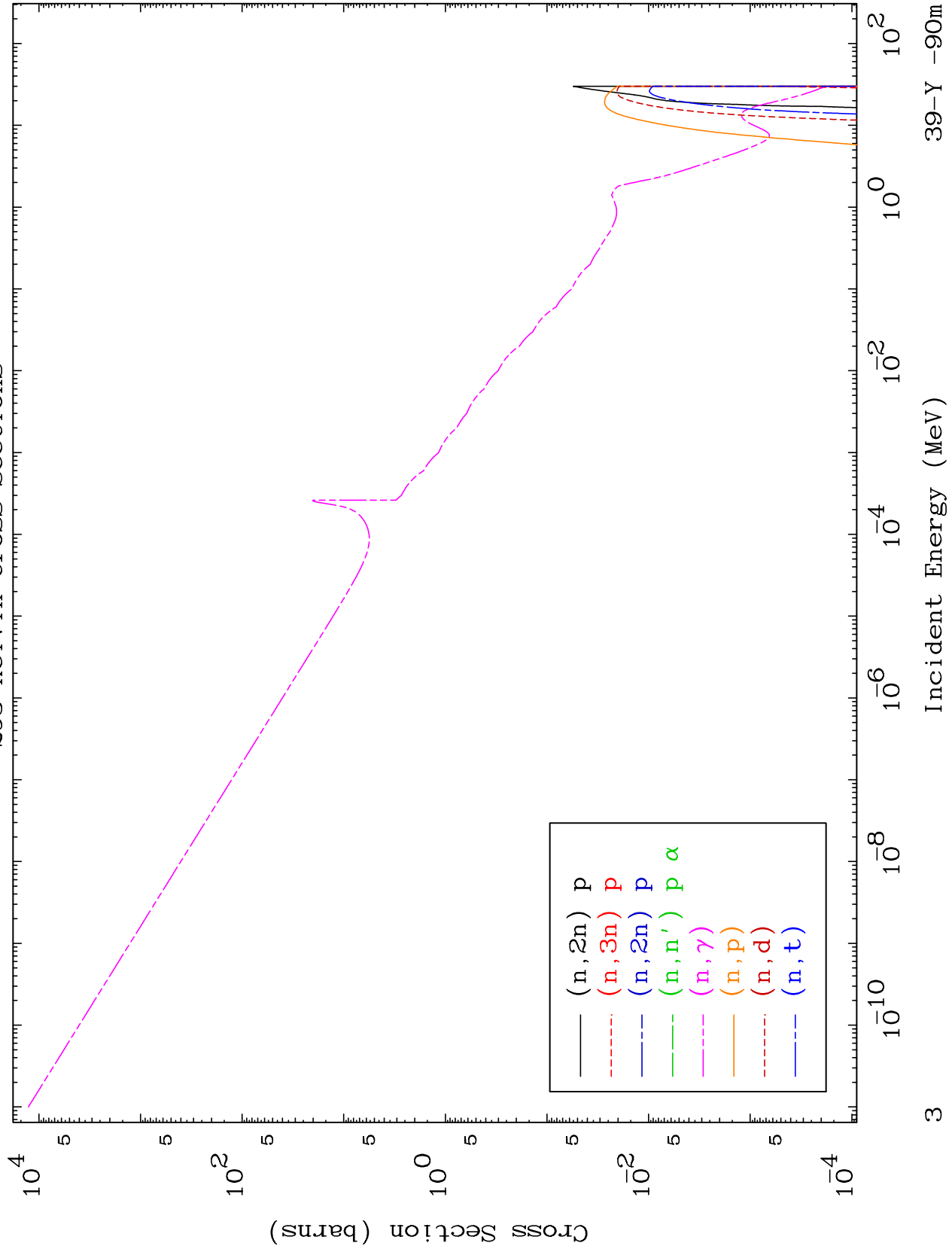
39-Y -90m



MAT 3929

Neutron Absorption  
293 Kelvin Cross Sections

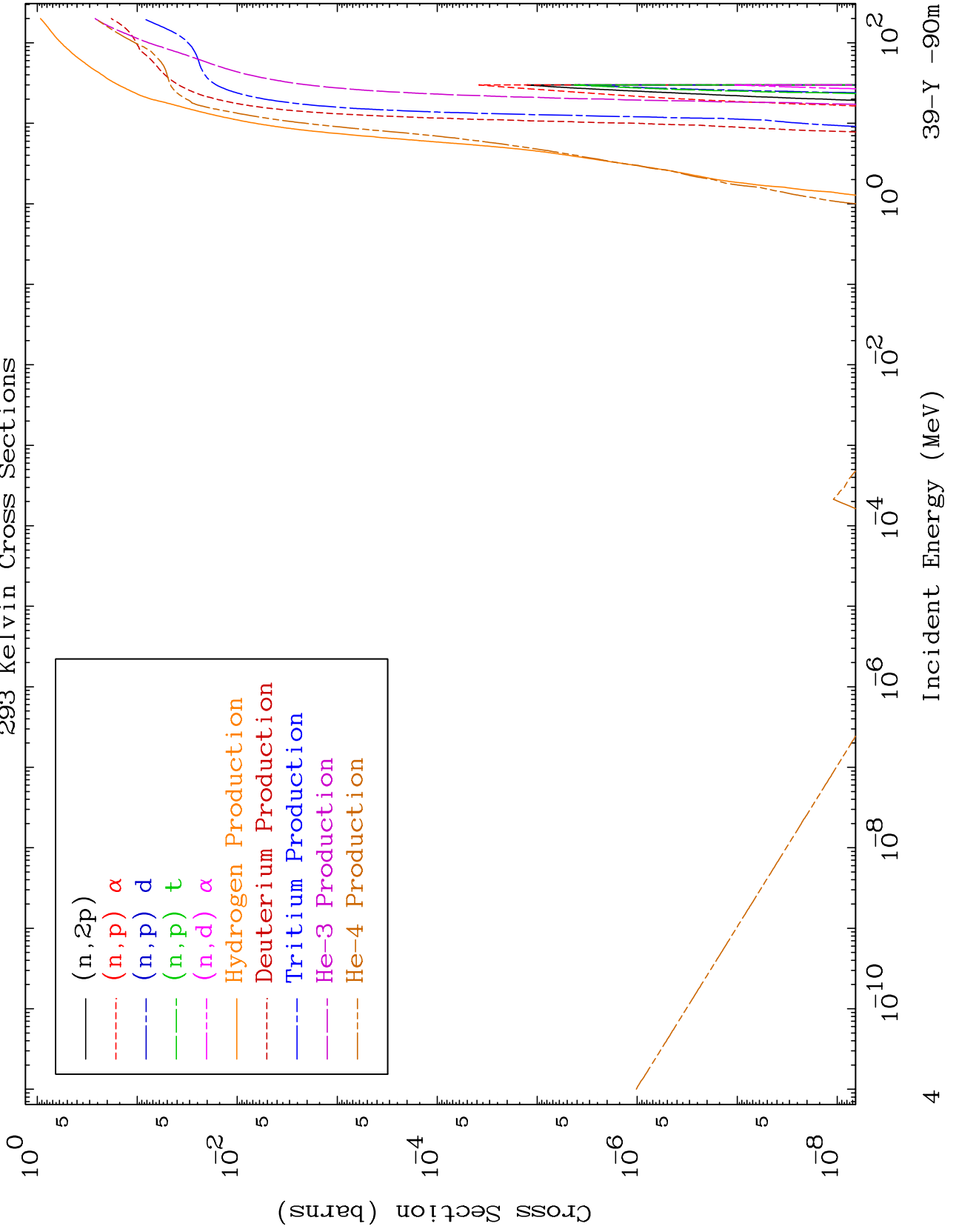
39-Y -90m



MAT 3929

Neutron Absorption  
293 Kelvin Cross Sections

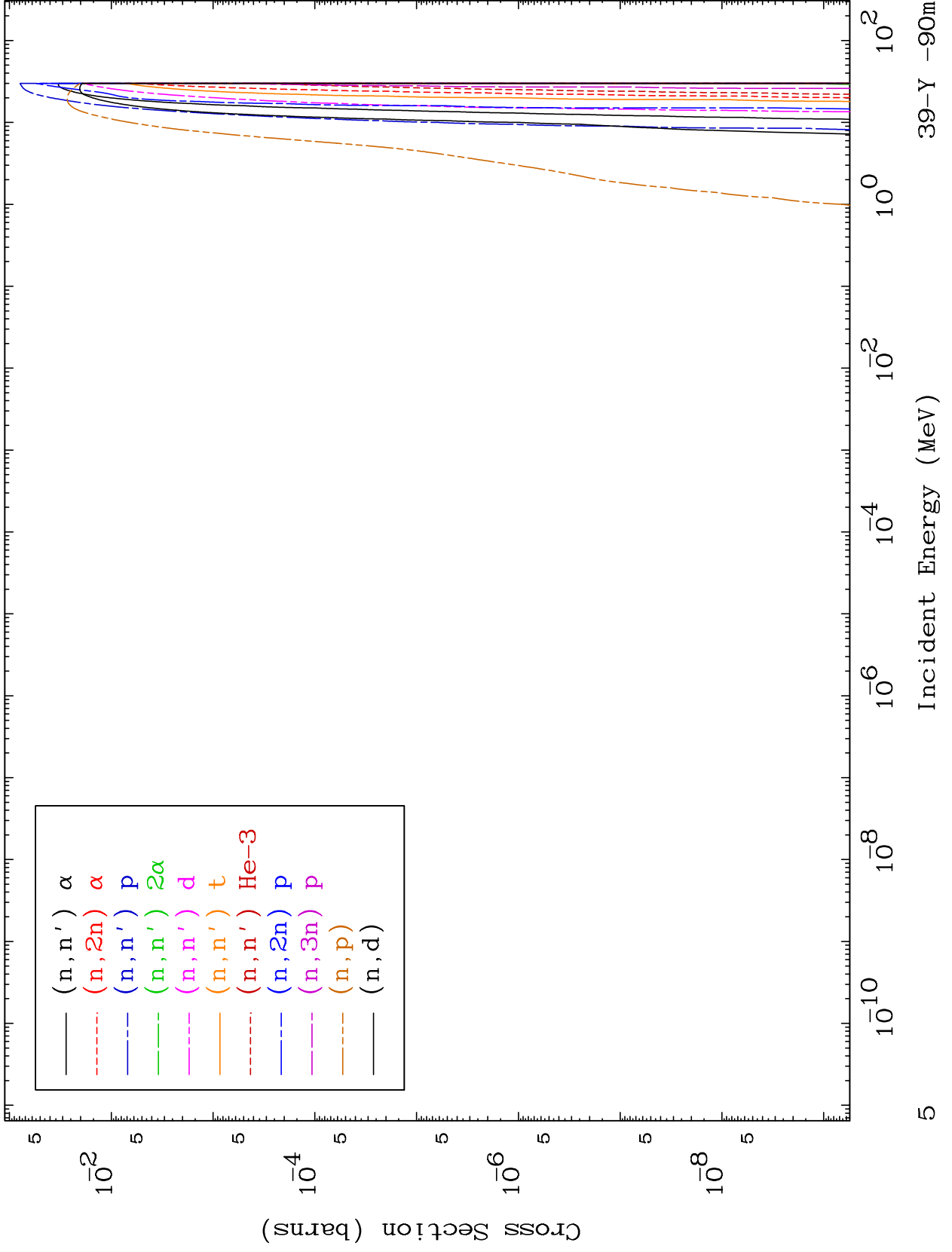
39-Y -90m



MAT 3929

Charged Particle  
293 Kelvin Cross Sections

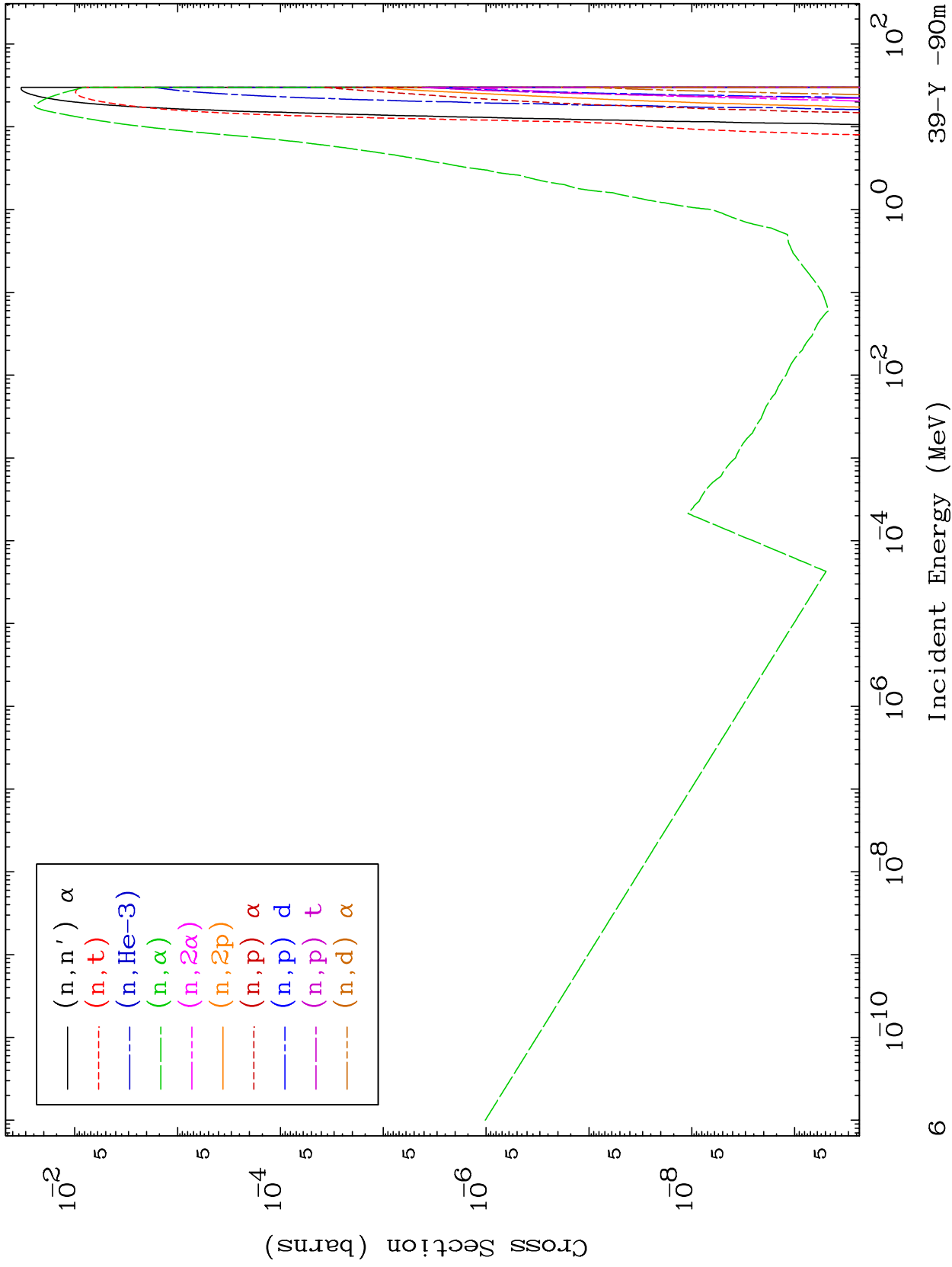
39-Y -90m



MAT 3929

Charged Particle  
293 Kelvin Cross Sections

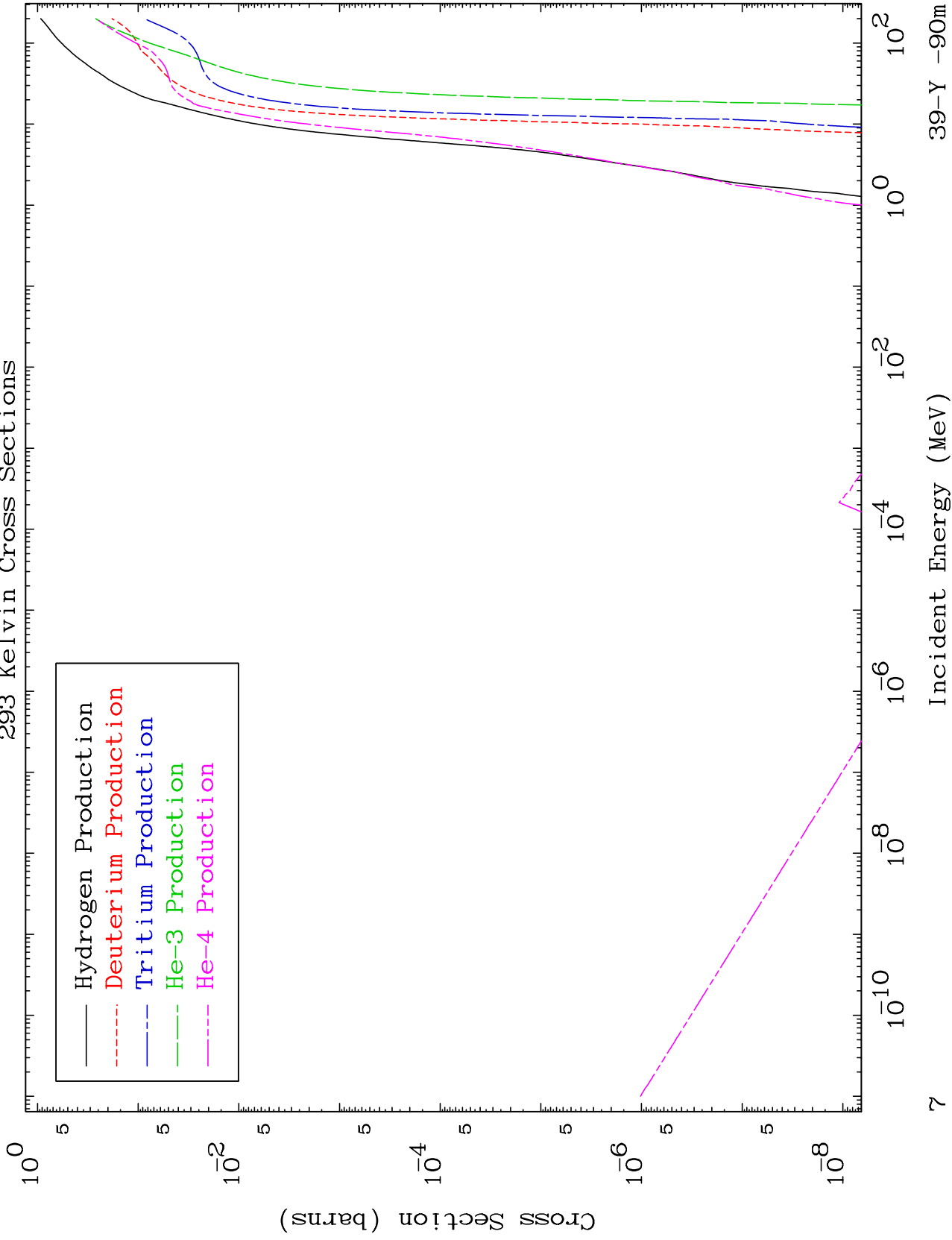
39-Y -90m



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Particle Production  
293 Kelvin Cross Sections

39-Y -90m

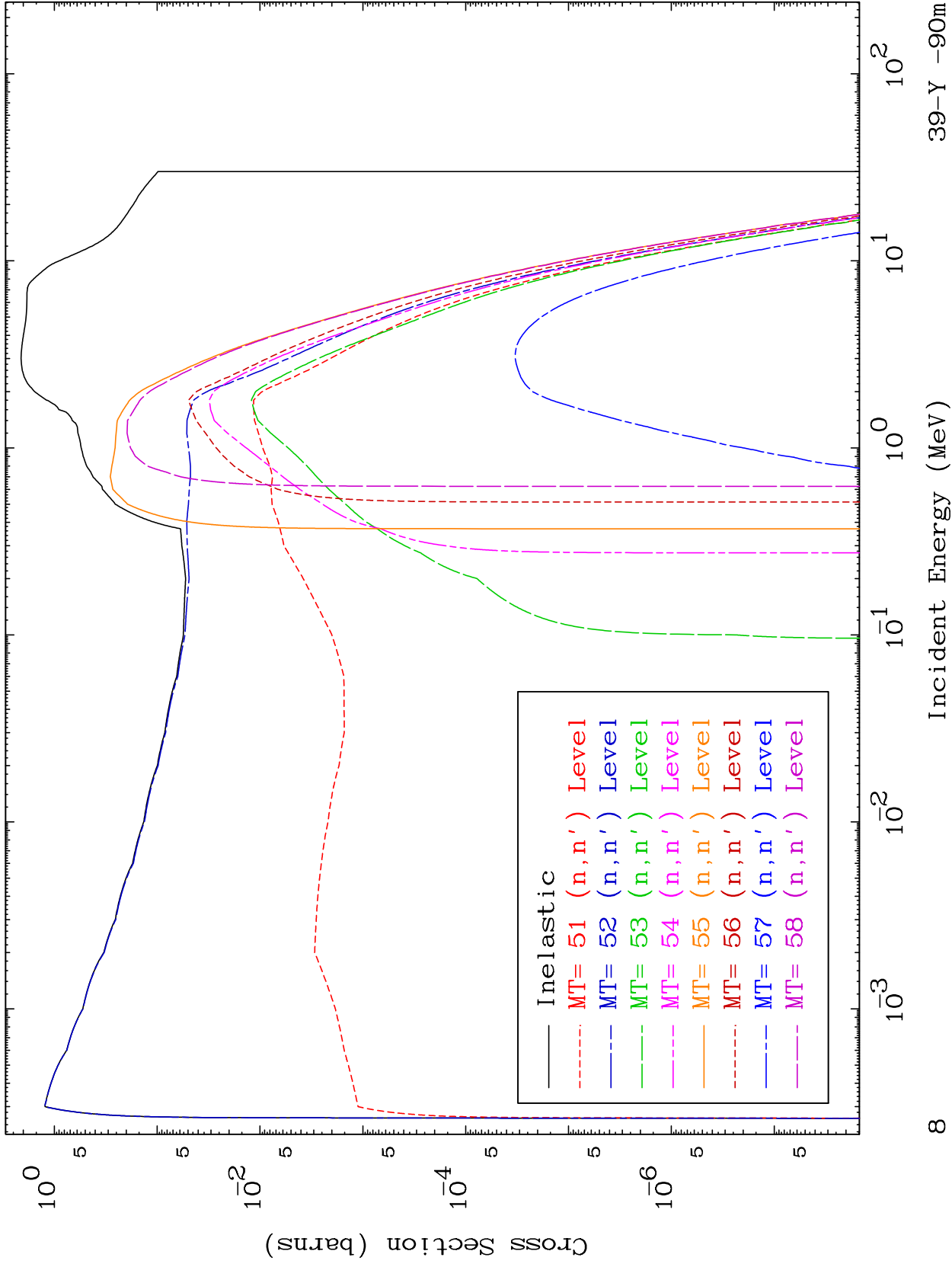




MAT 3929

(n,n') Levels  
293 Kelvin Cross Sections

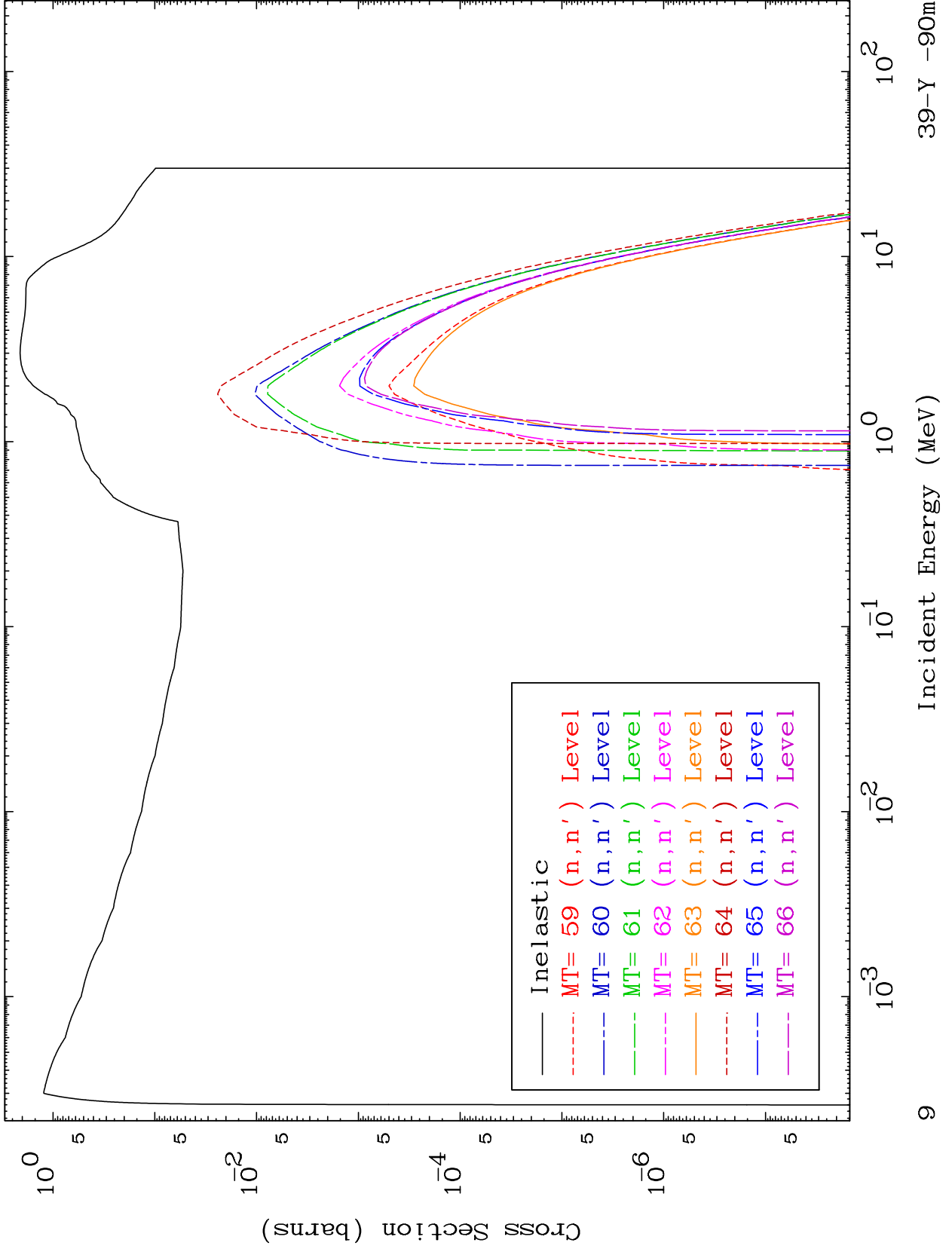
39-Y -90m



MAT 3929

(n,n') Levels  
293 Kelvin Cross Sections

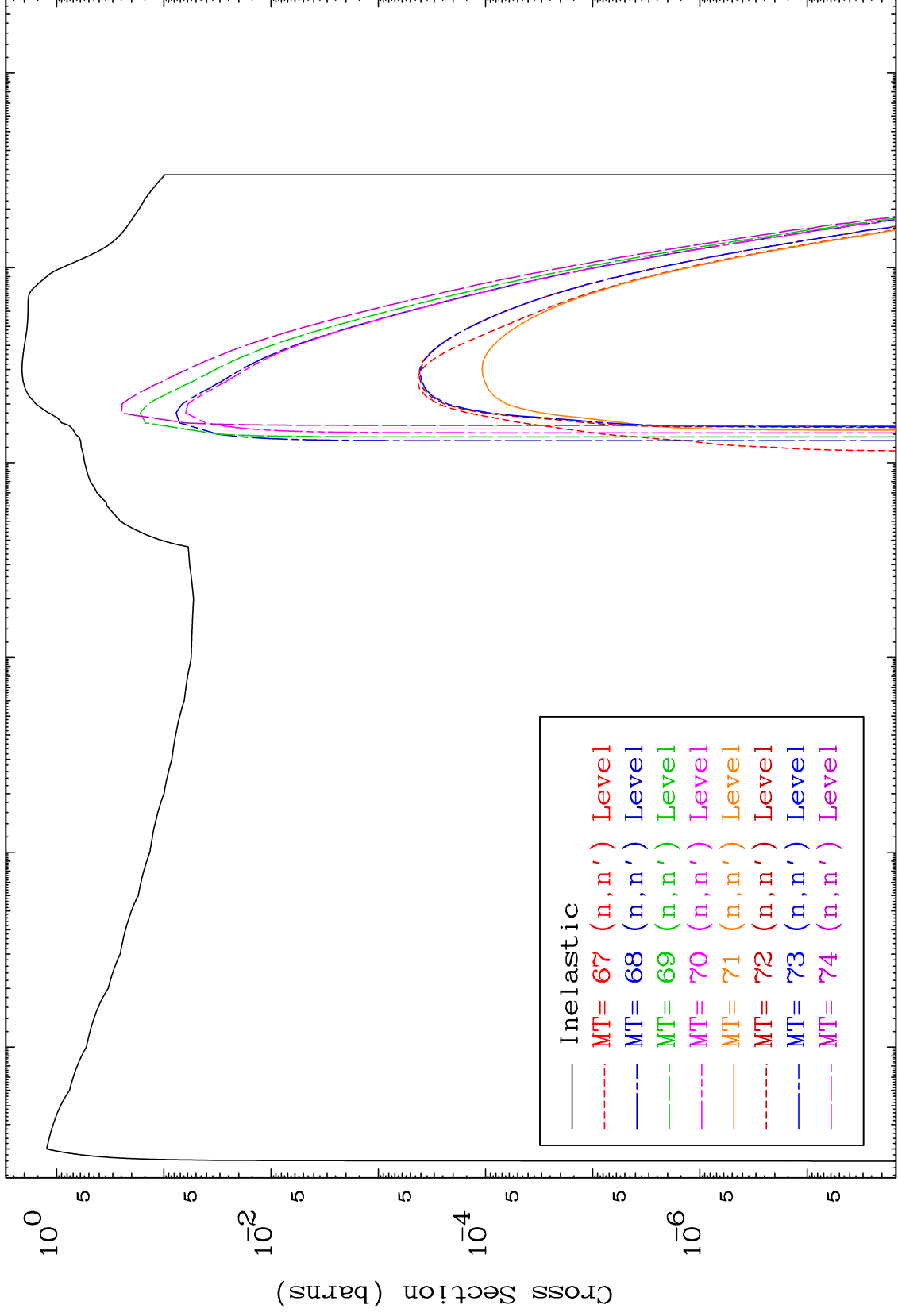
39-Y -90m



MAT 3929

(n,n') Levels  
293 Kelvin Cross Sections

39-Y -90m



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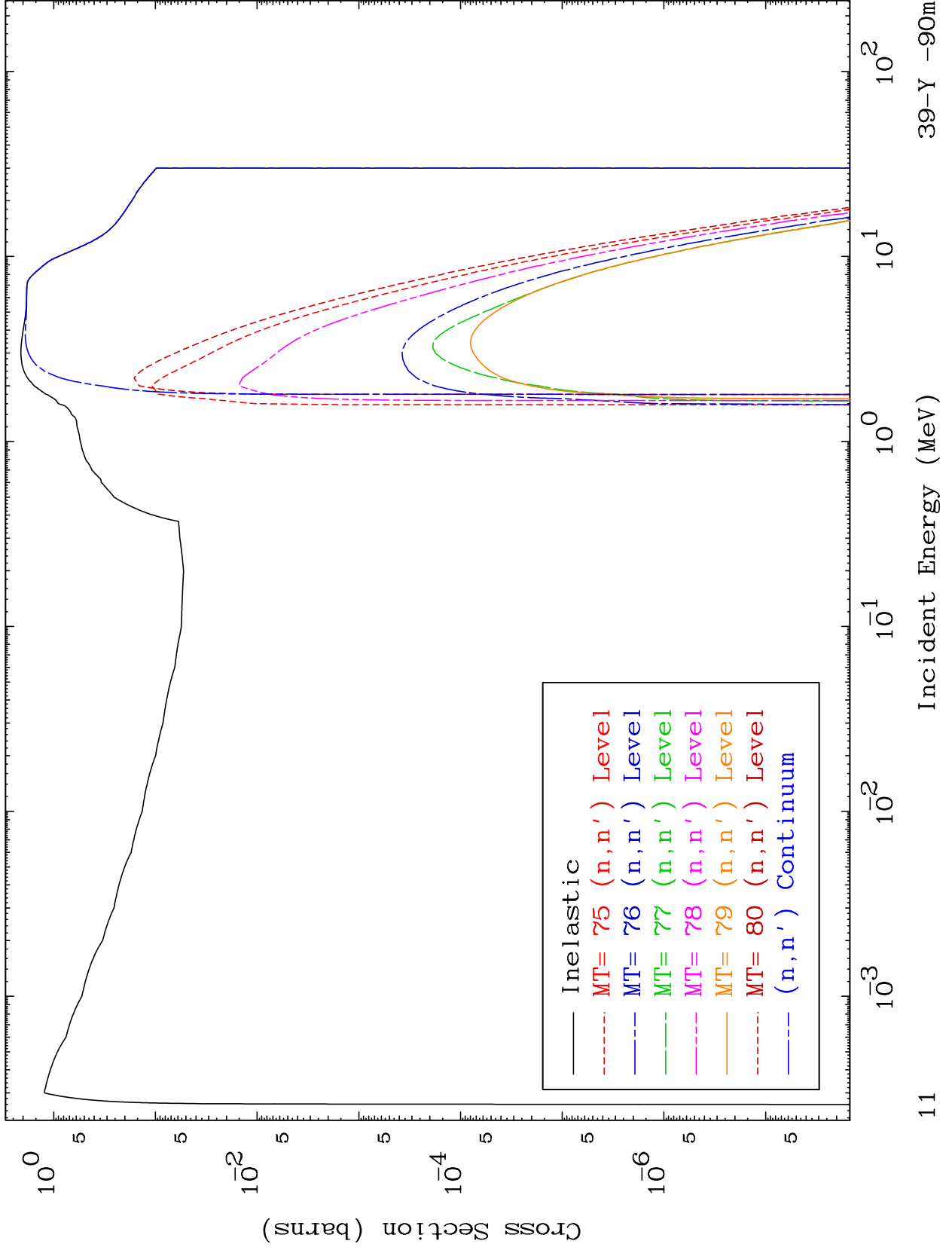
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,n') Levels  
293 Kelvin Cross Sections

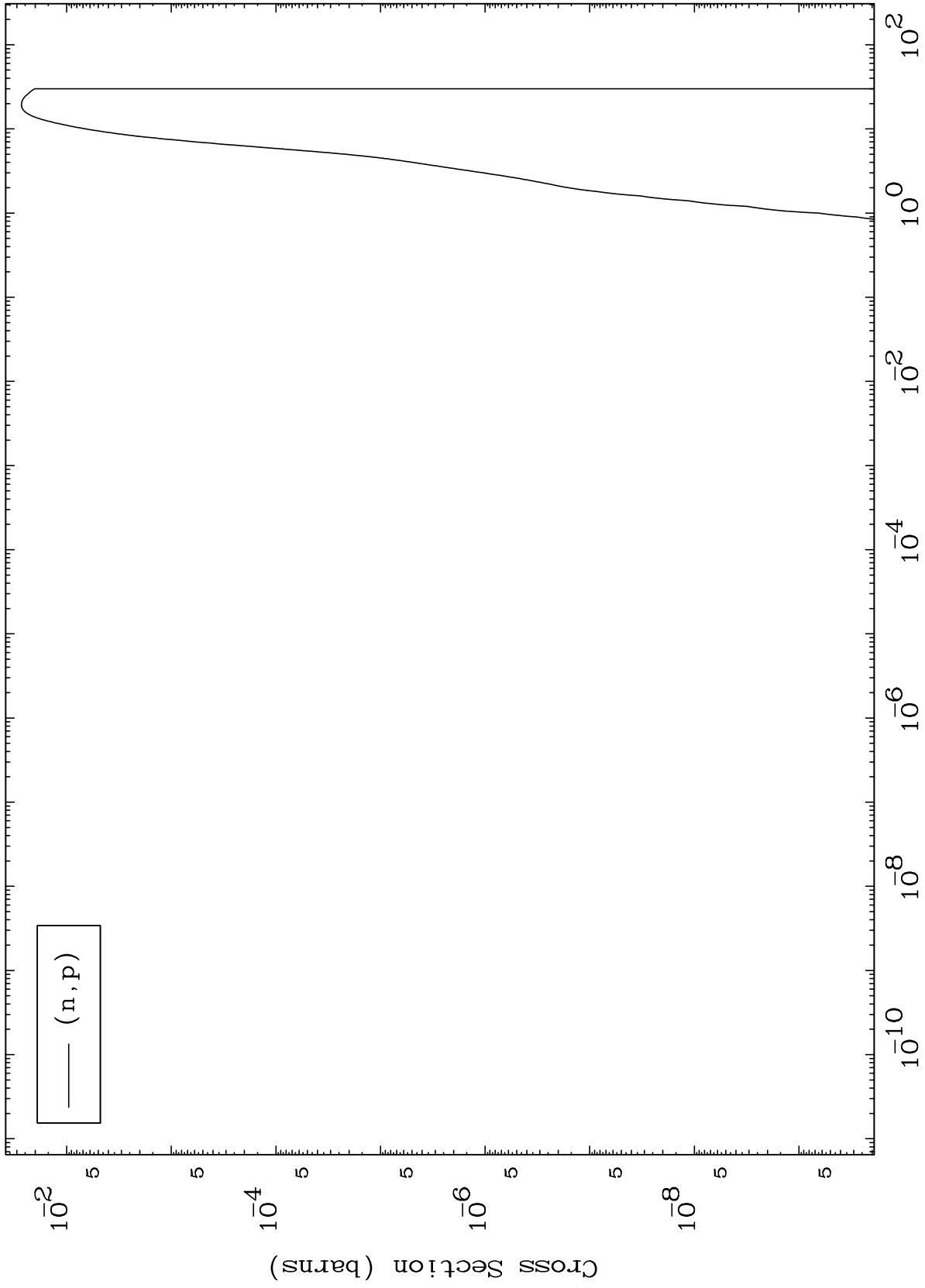
39-Y -90m



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(n,p) Levels  
293 Kelvin Cross Sections

39-Y -90m



12

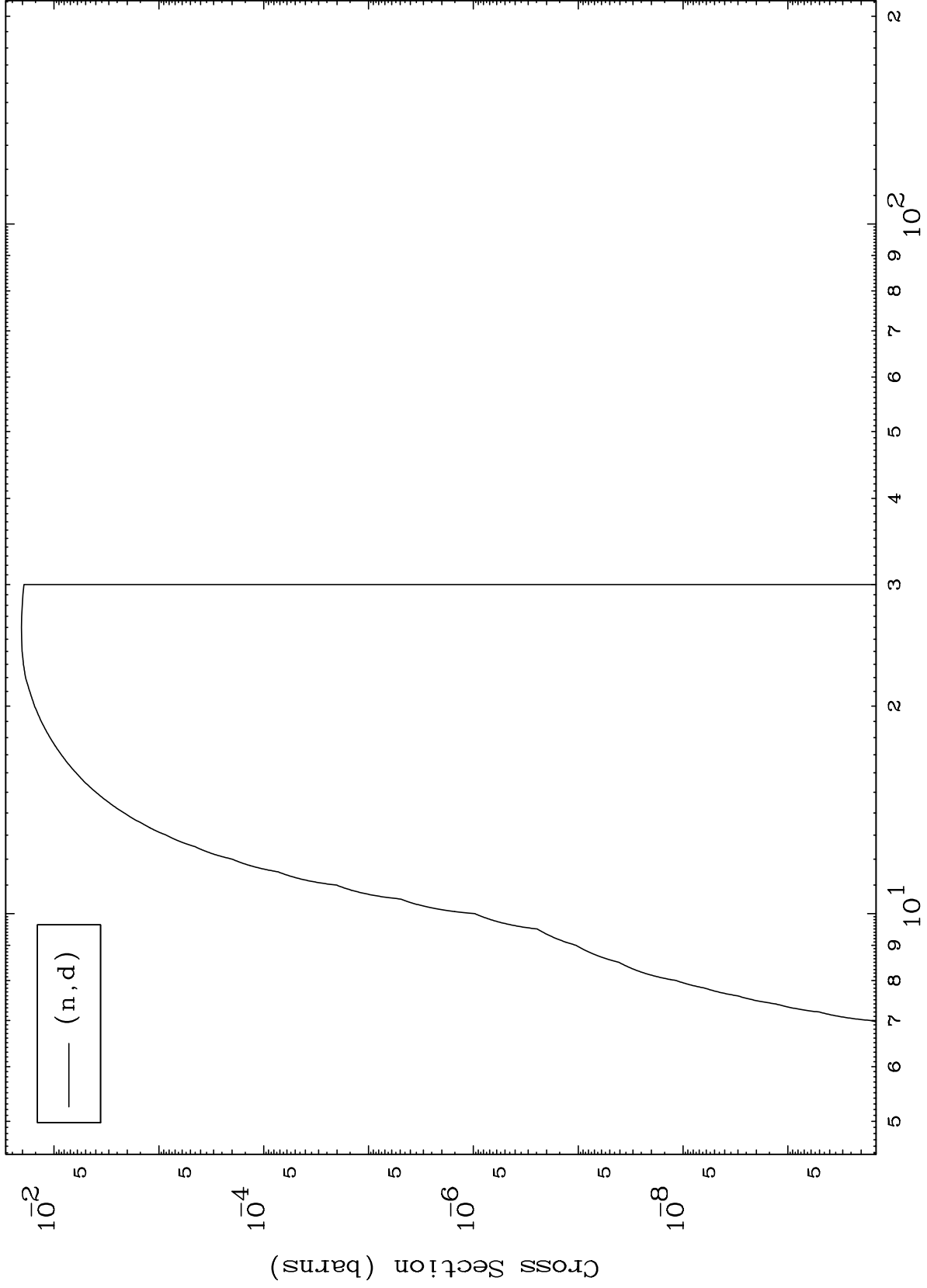
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -90m



13

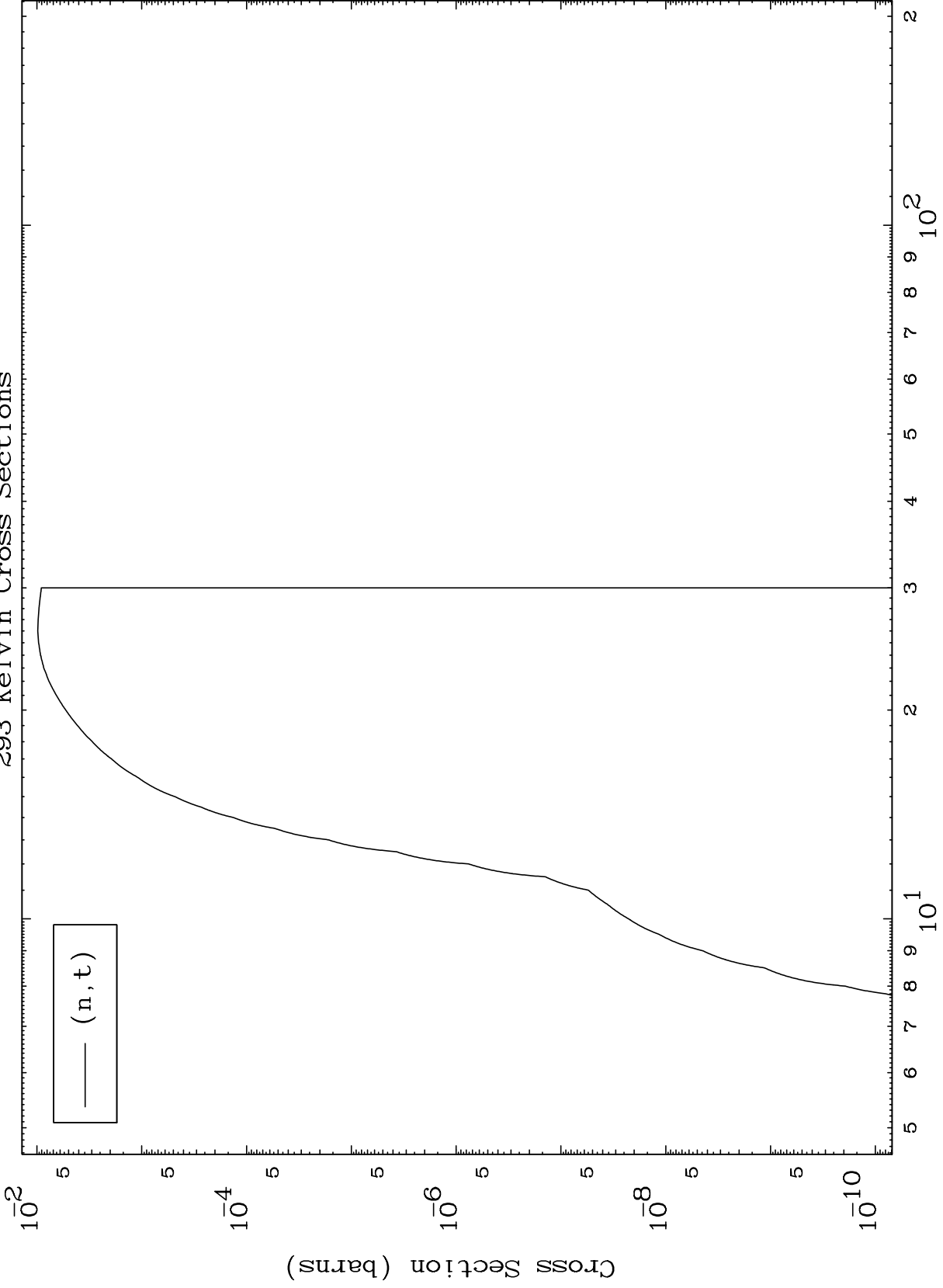
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -90m



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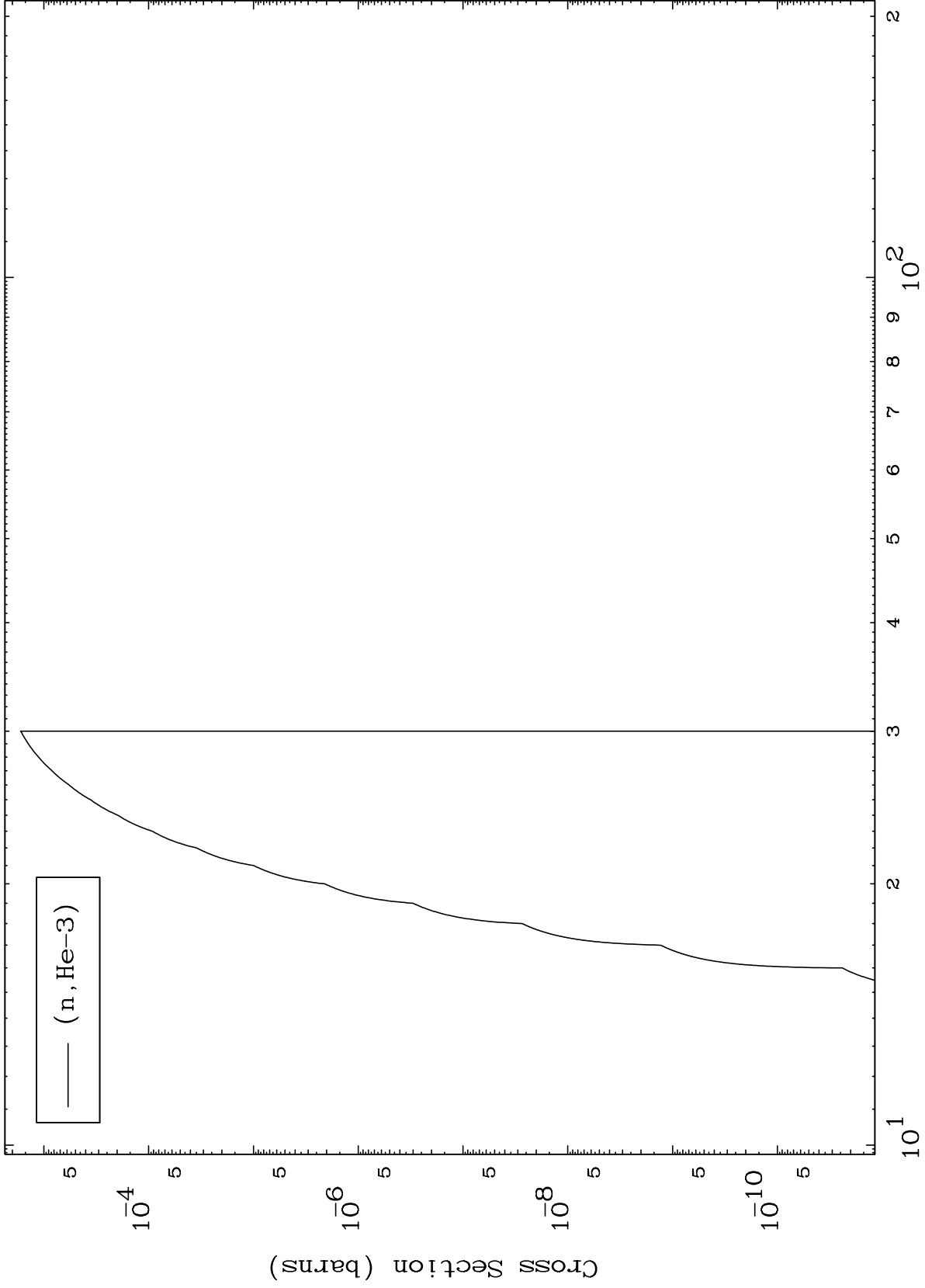
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -90m



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Incident Energy (MeV)

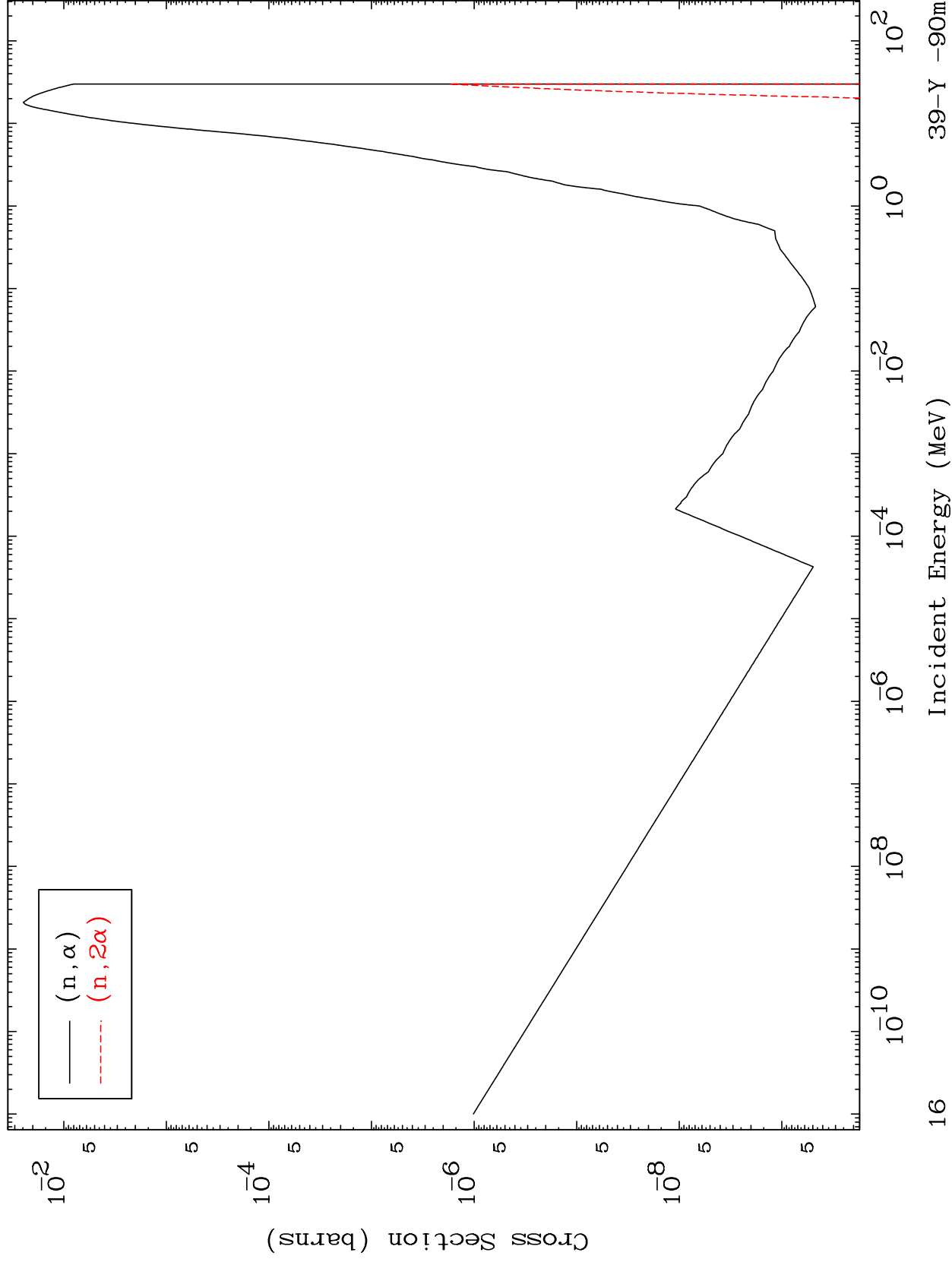
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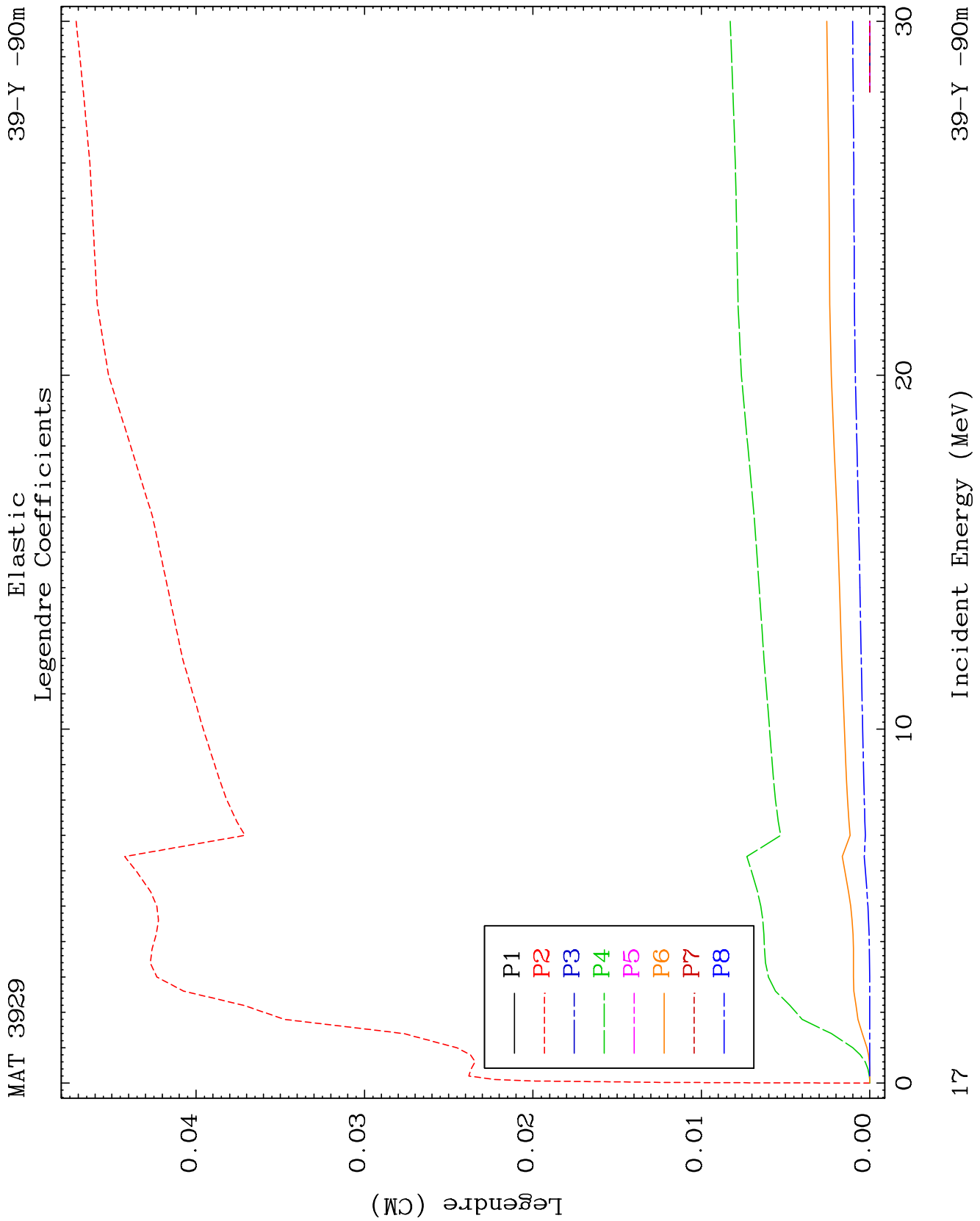


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

39-Y -90m





MAT 3929

39-Y -90m

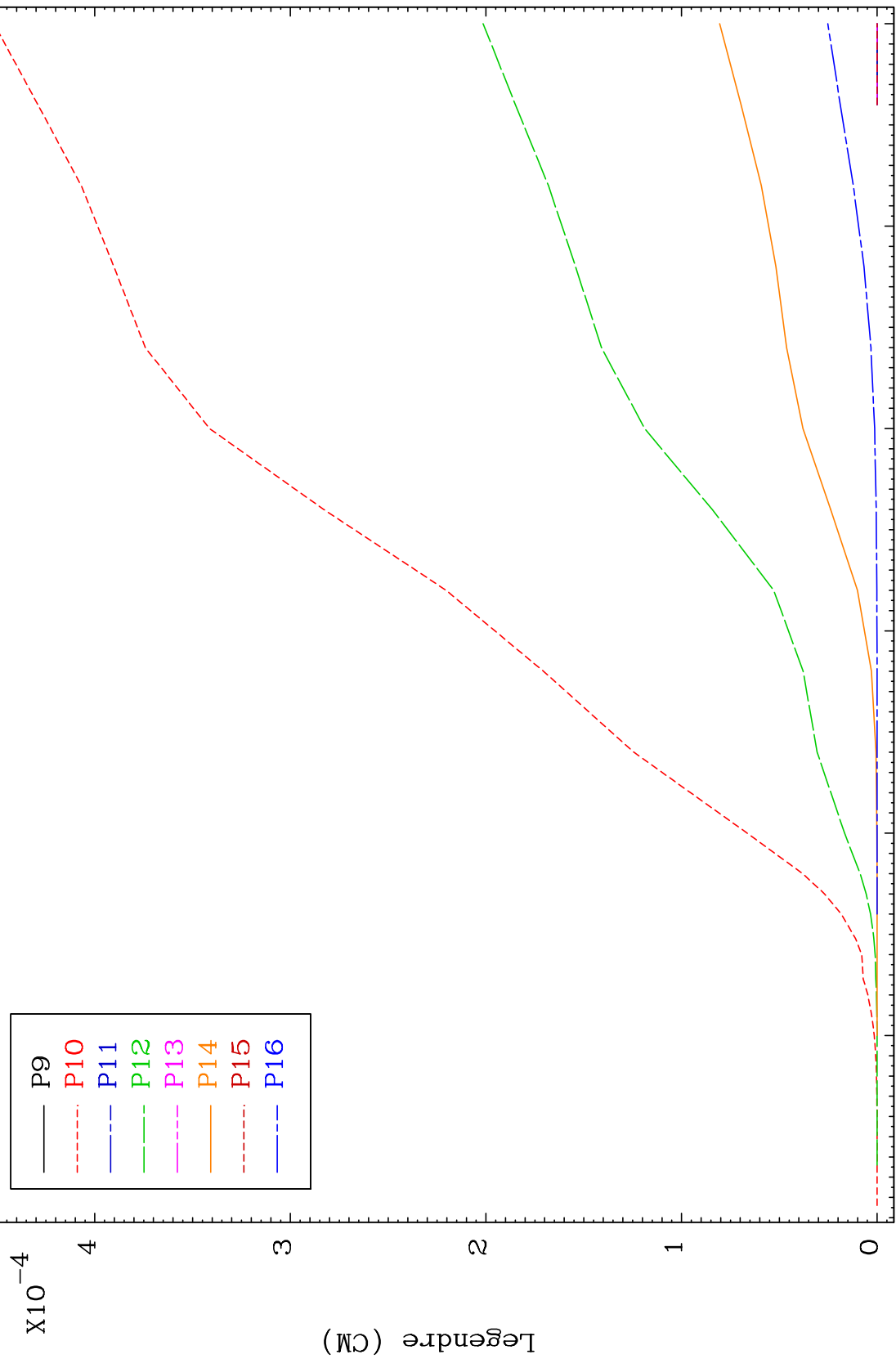
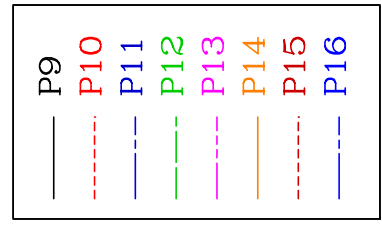
17

39-Y -90m

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Elastic Legendre Coefficients

39-Y -90m



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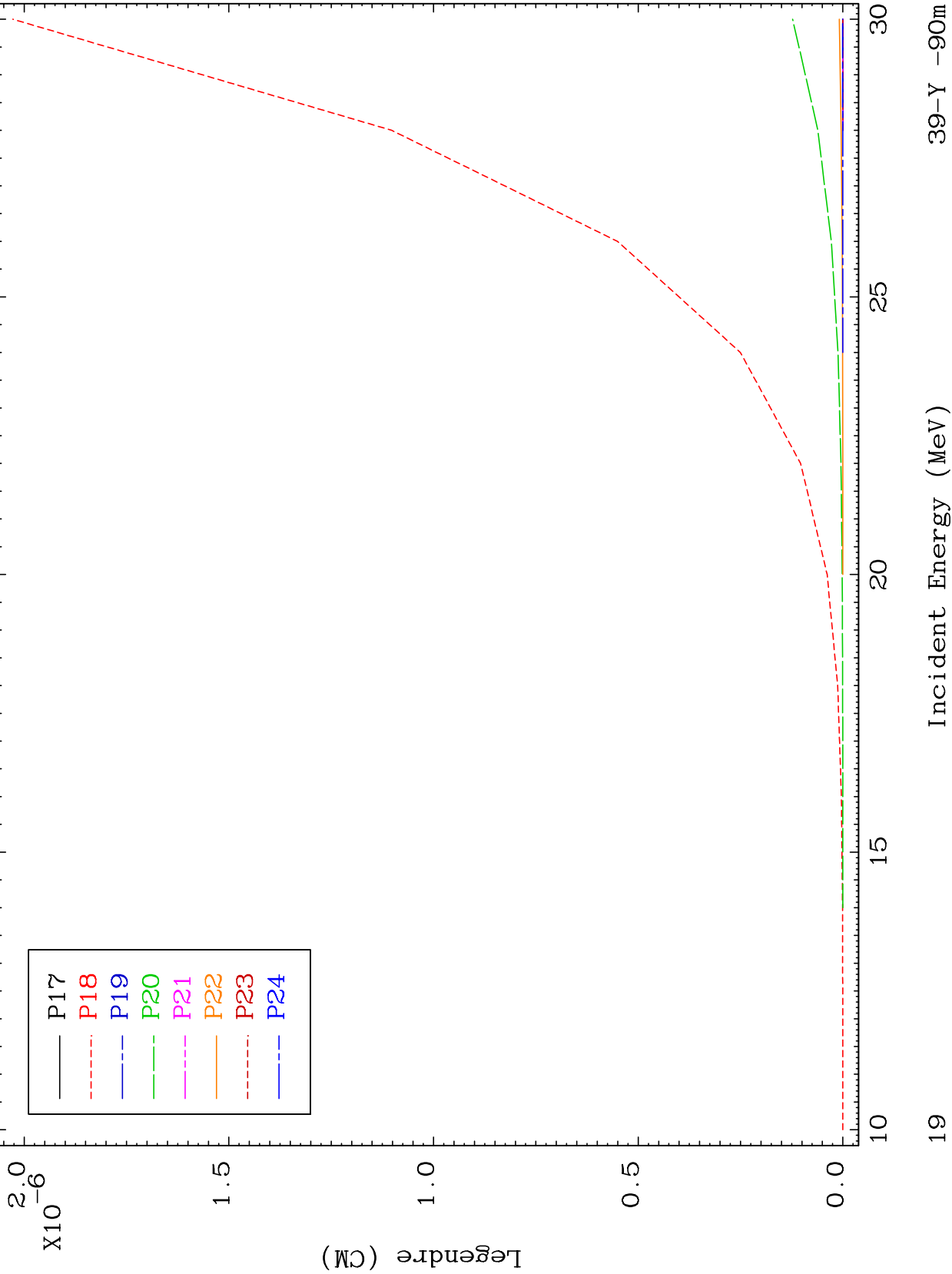
Incident Energy (MeV)

39-Y -90m

MAT 3929

### Elastic Legendre Coefficients

39-Y -90m



19

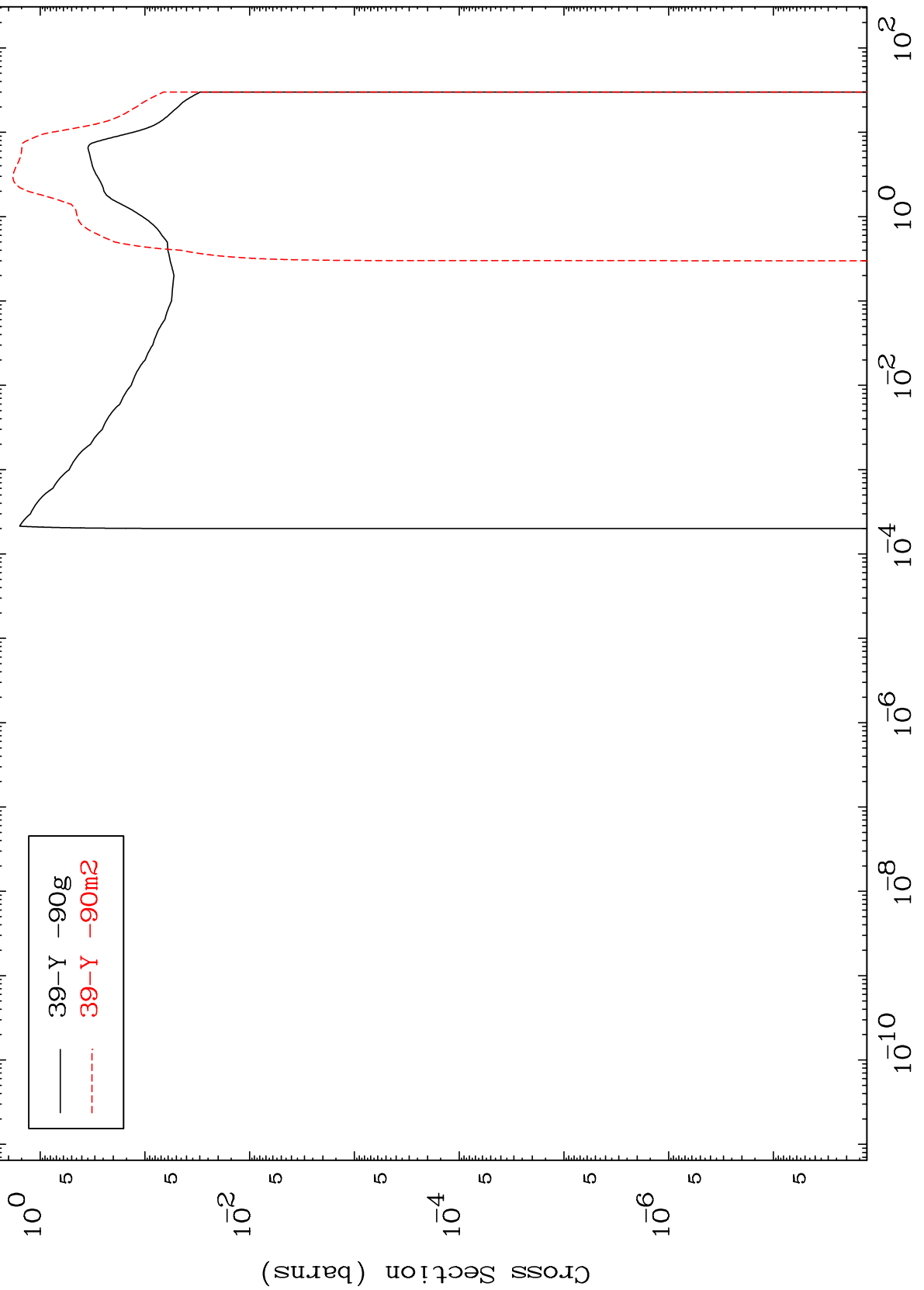
Incident Energy (MeV)

39-Y -90m

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39-Y -90m

Inelastic  
Radionuclide Production Cross Section

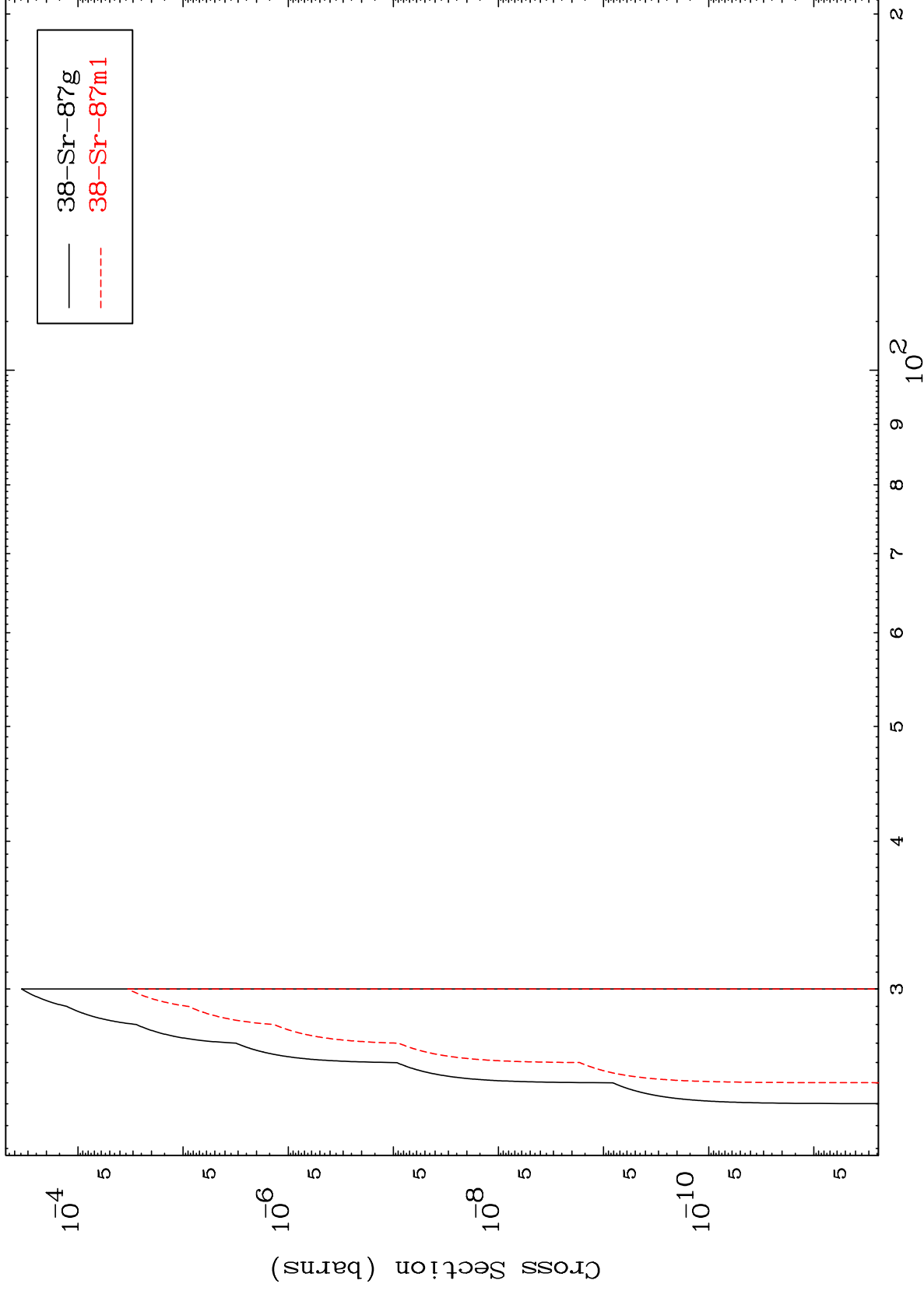


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(n,2n) d

39-Y -90m

Radionuclide Production Cross Section

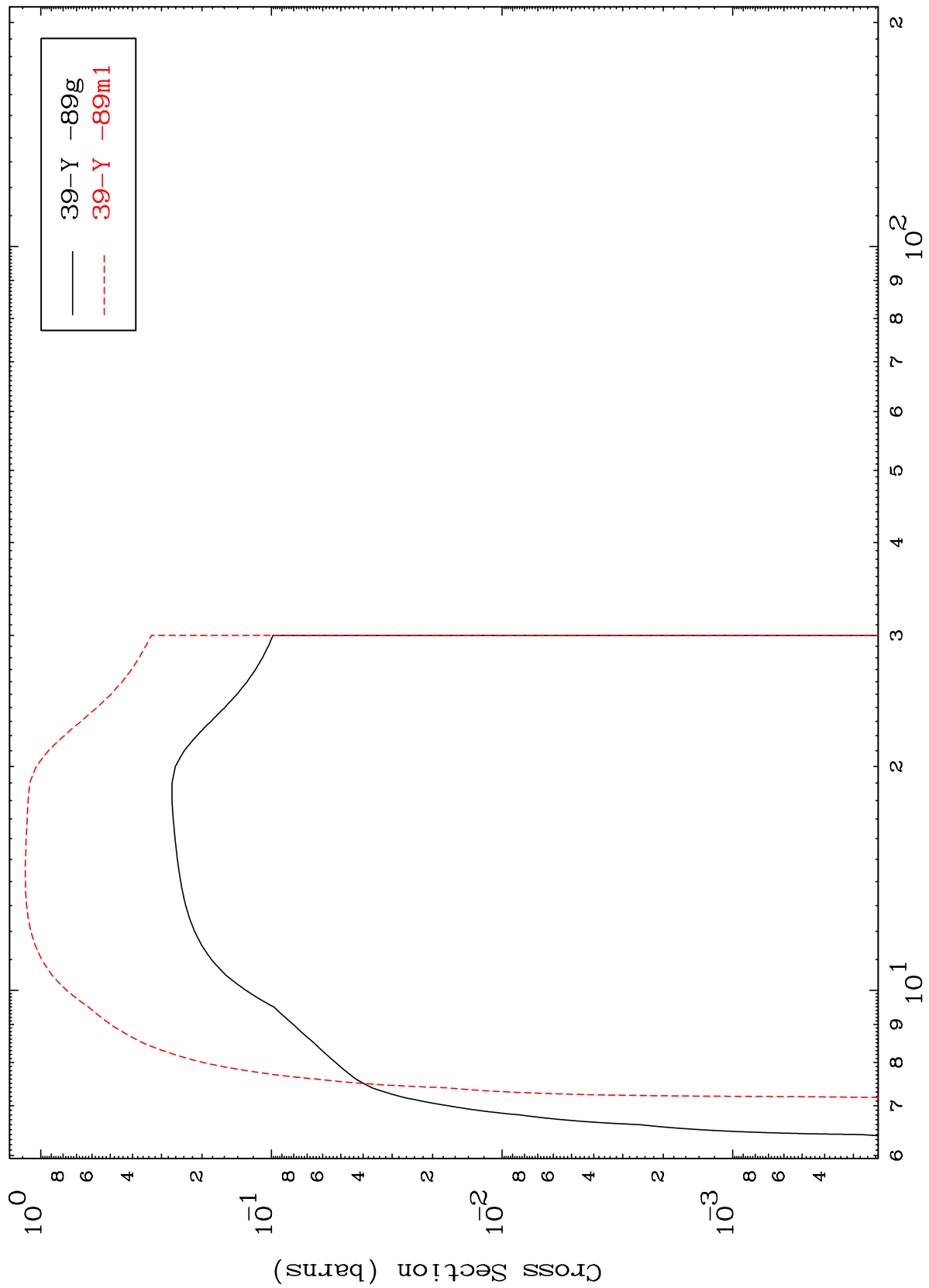


21

Incident Energy (MeV)

39-Y -90m

(n,2n)  
Radionuclide Production Cross Section

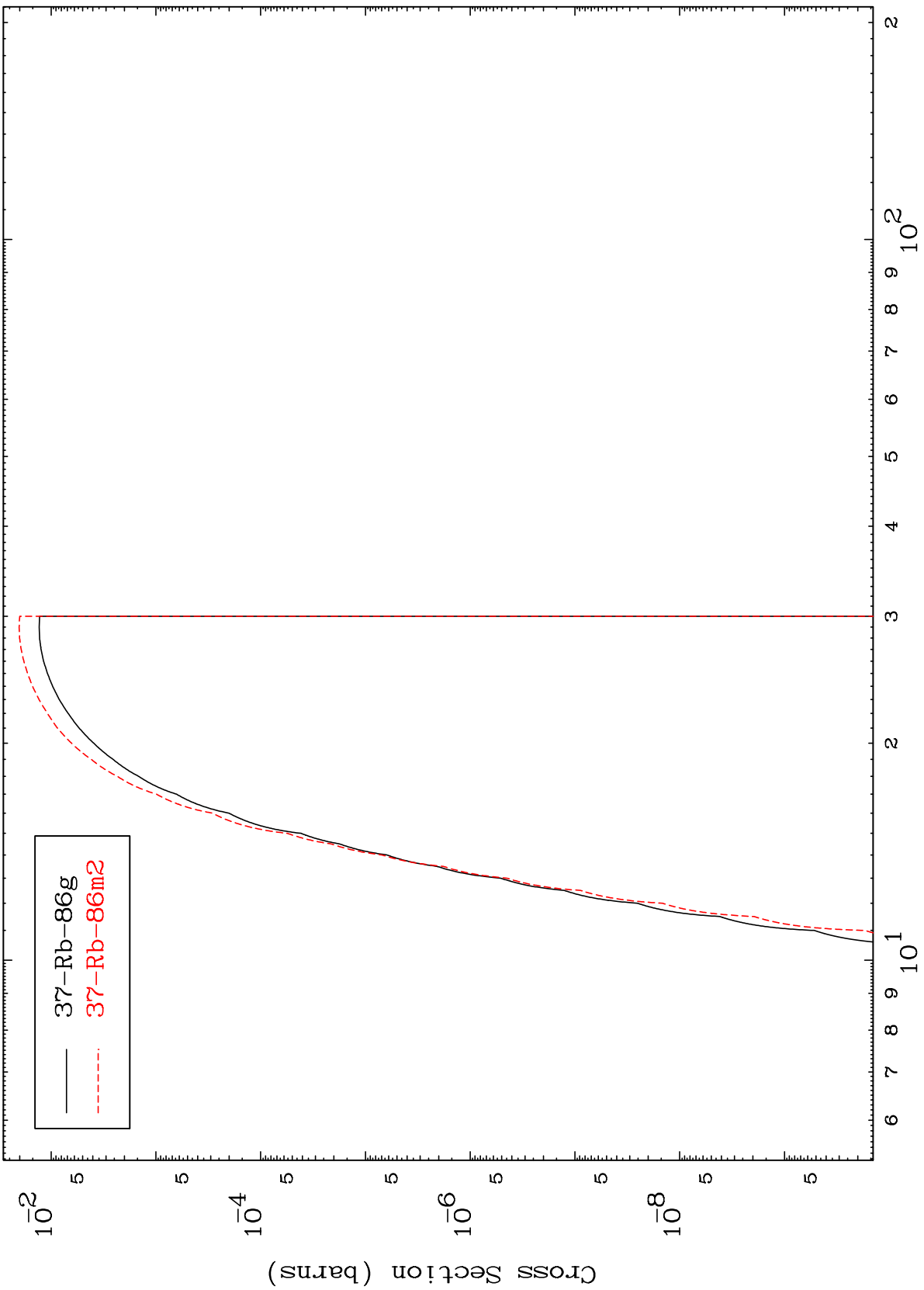


— 39-Y -89g  
- - - 39-Y -89m1

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39-Y -90m

(n,n')  $\alpha$   
Radionuclide Production Cross Section



39-Y -90m

Incident Energy (MeV)

23

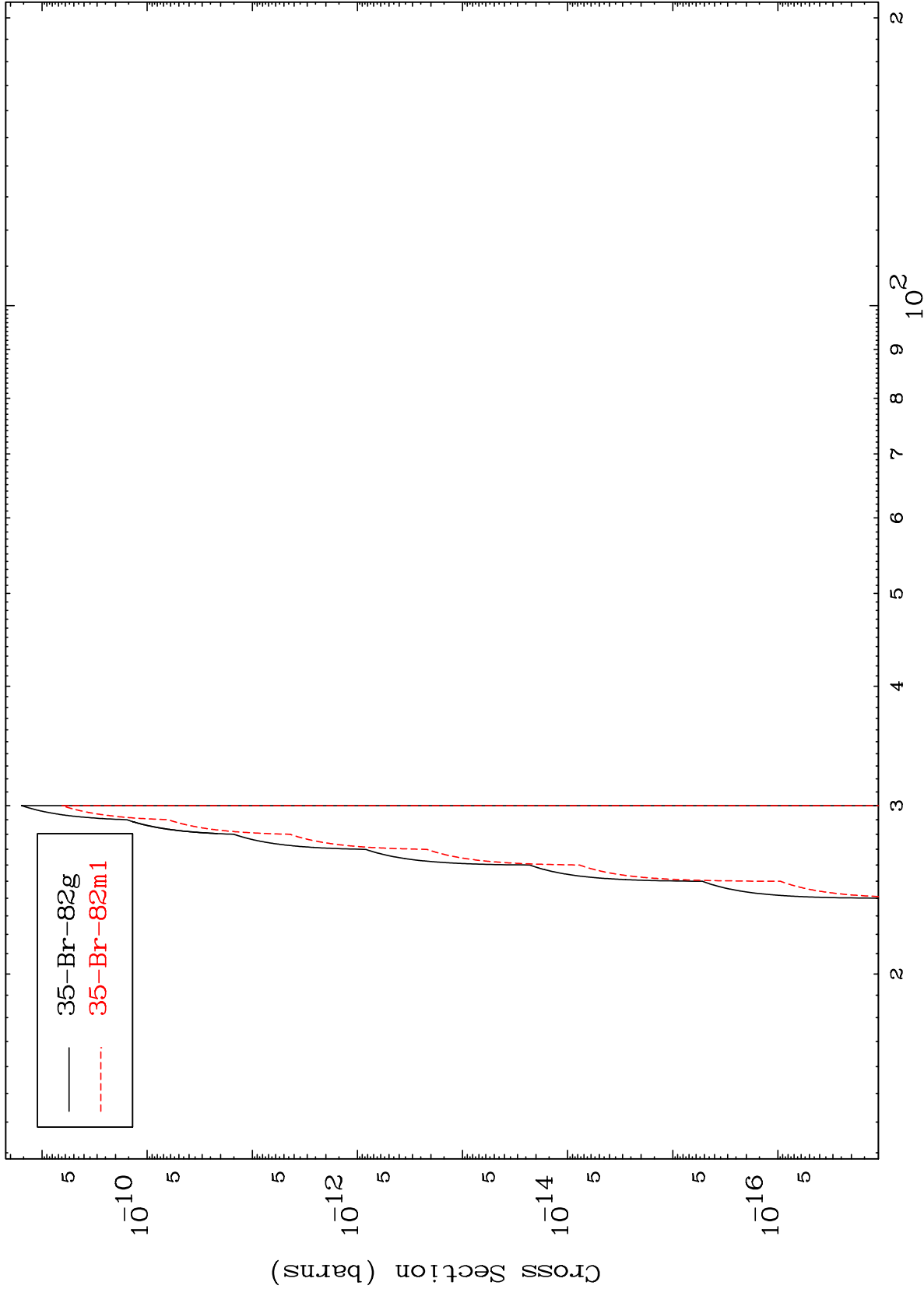


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(n,n') 2 $\alpha$

39-Y -90m

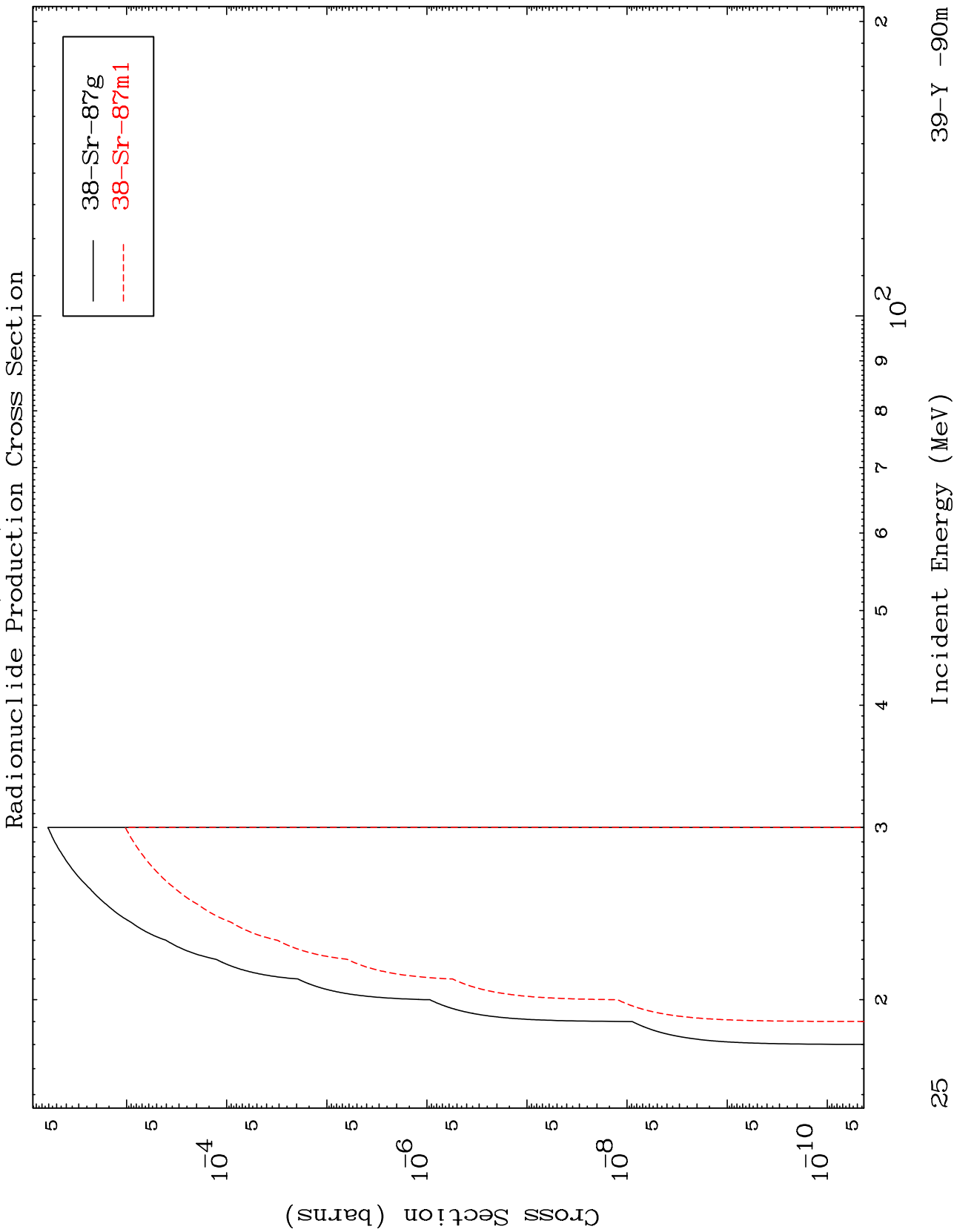
Radionuclide Production Cross Section



24

Incident Energy (MeV)

39-Y -90m

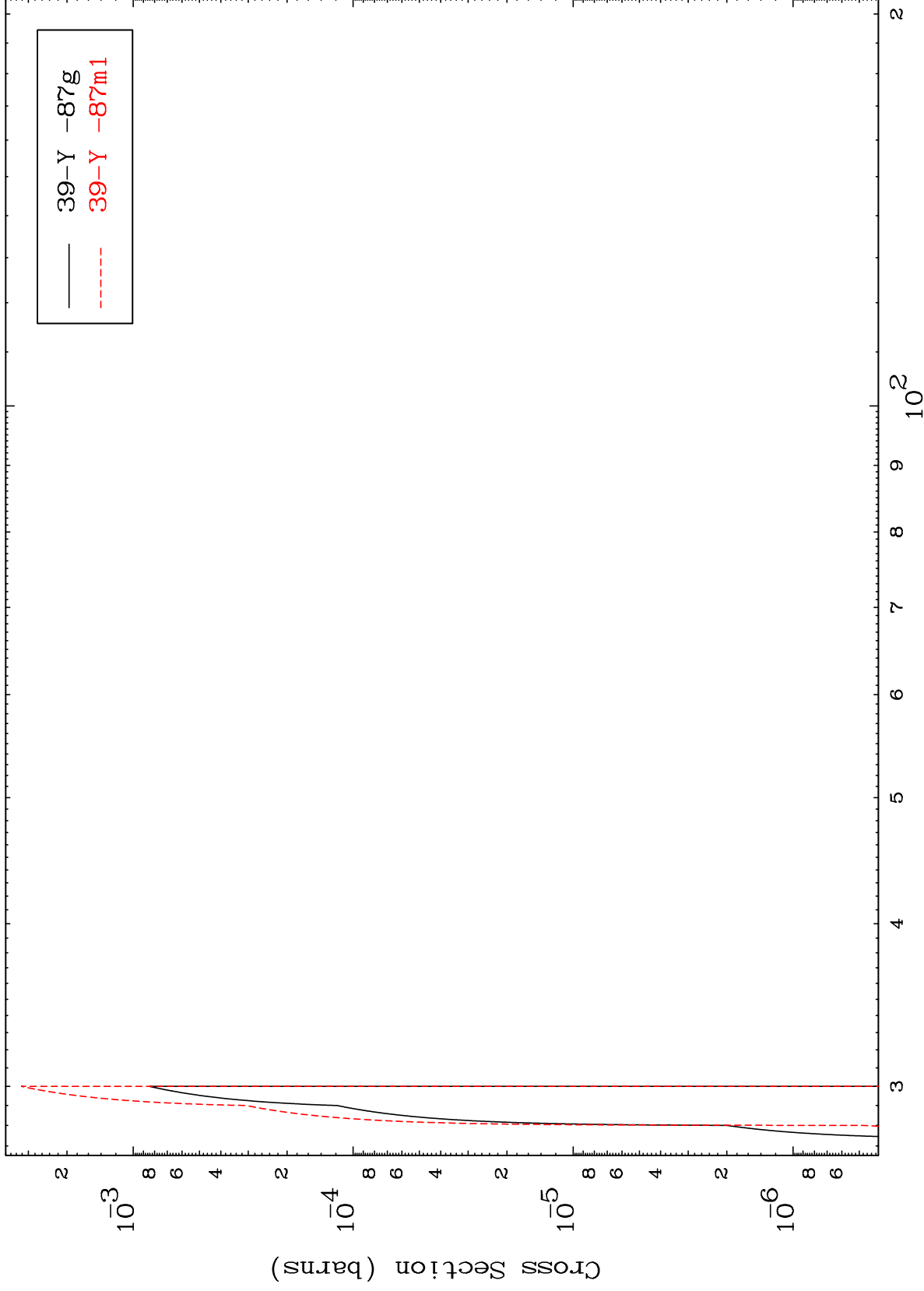


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(n,4n)

39-Y -90m

Radionuclide Production Cross Section



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Incident Energy (MeV)

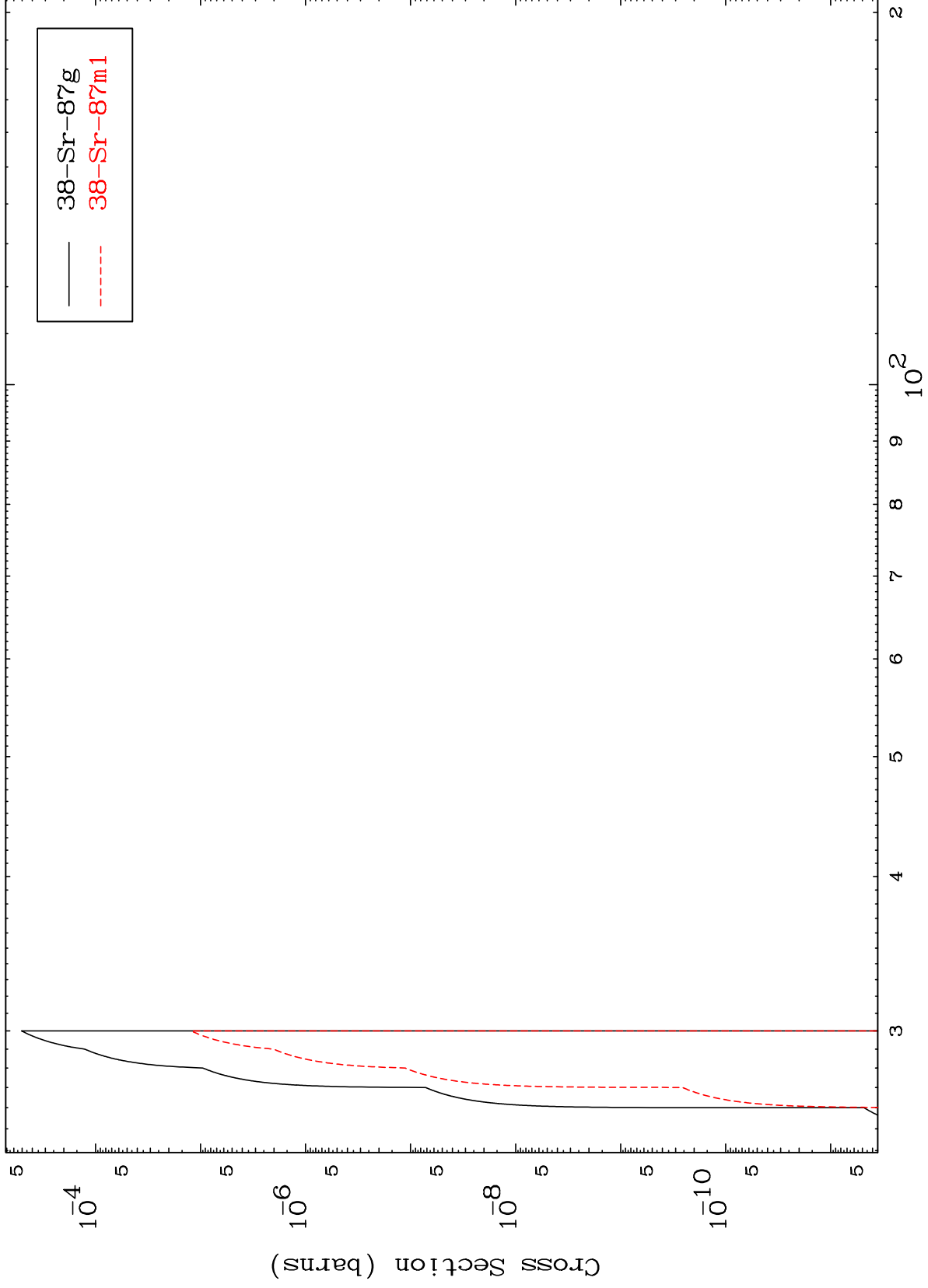
39-Y -90m

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(n,3n) p

39-Y -90m

Radionuclide Production Cross Section



27

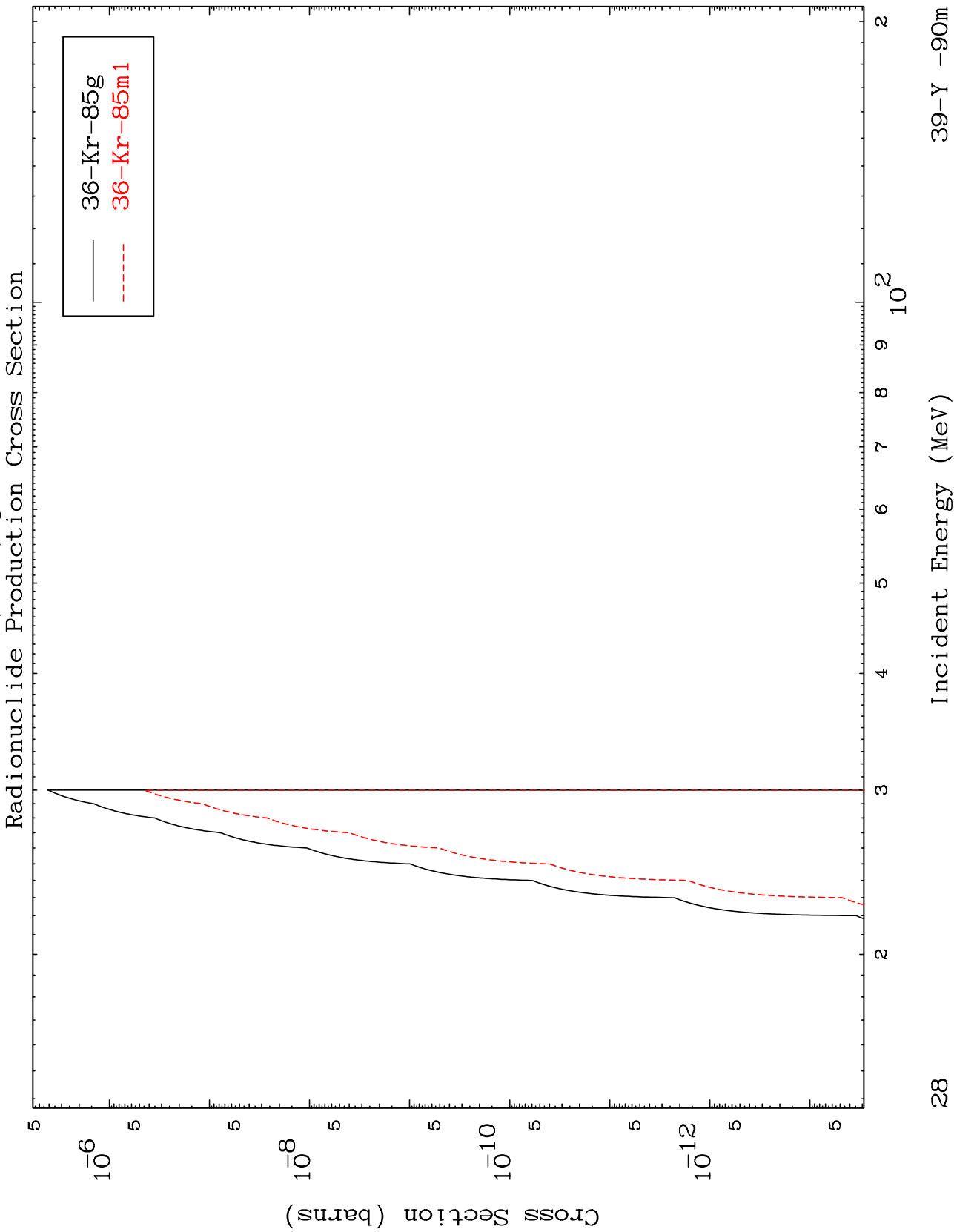
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,n') p  $\alpha$

39-Y -90m



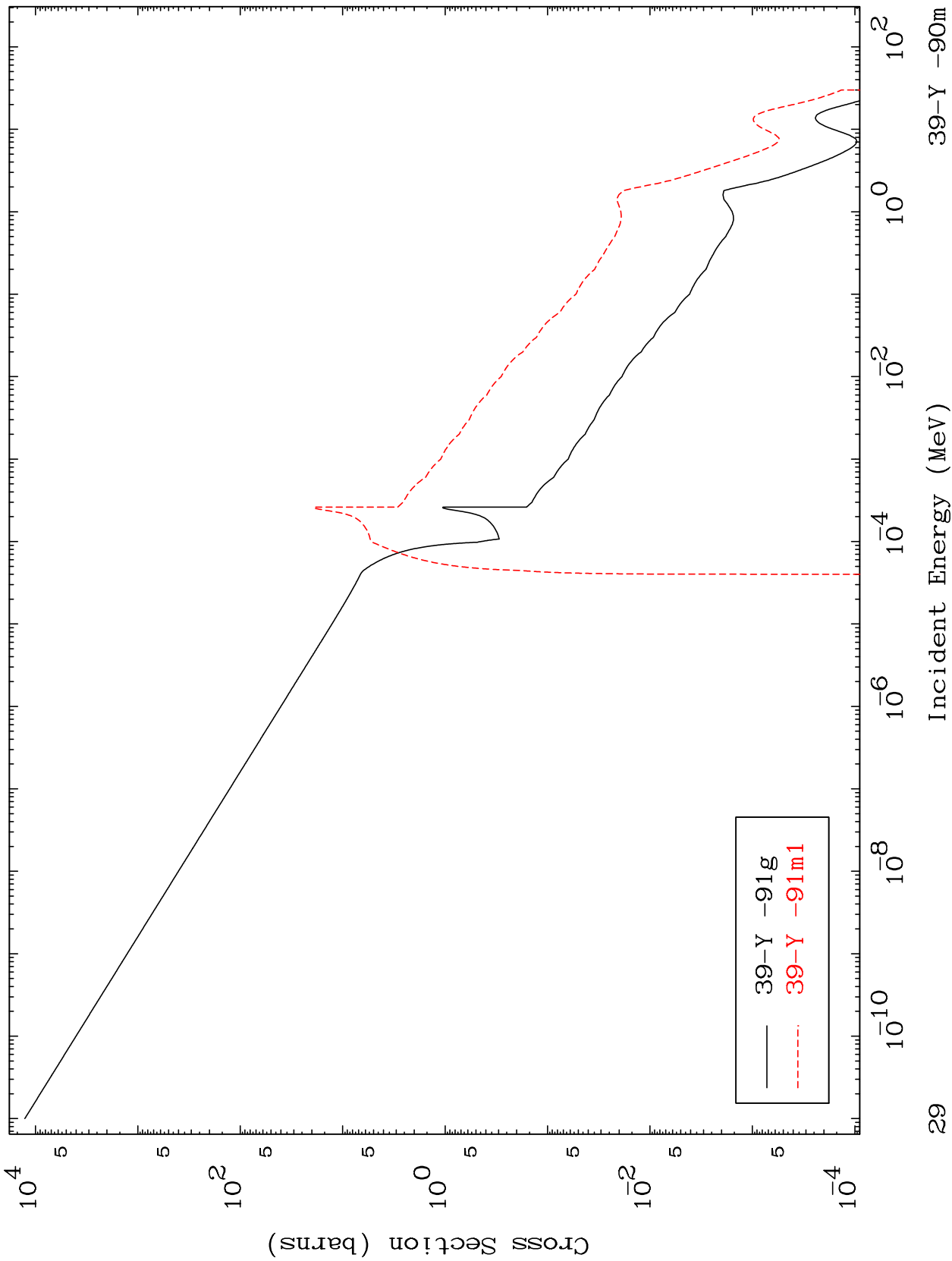
28

39-Y -90m

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39-Y -90m

Radionuclide Production Cross Section  
(n,  $\gamma$ )

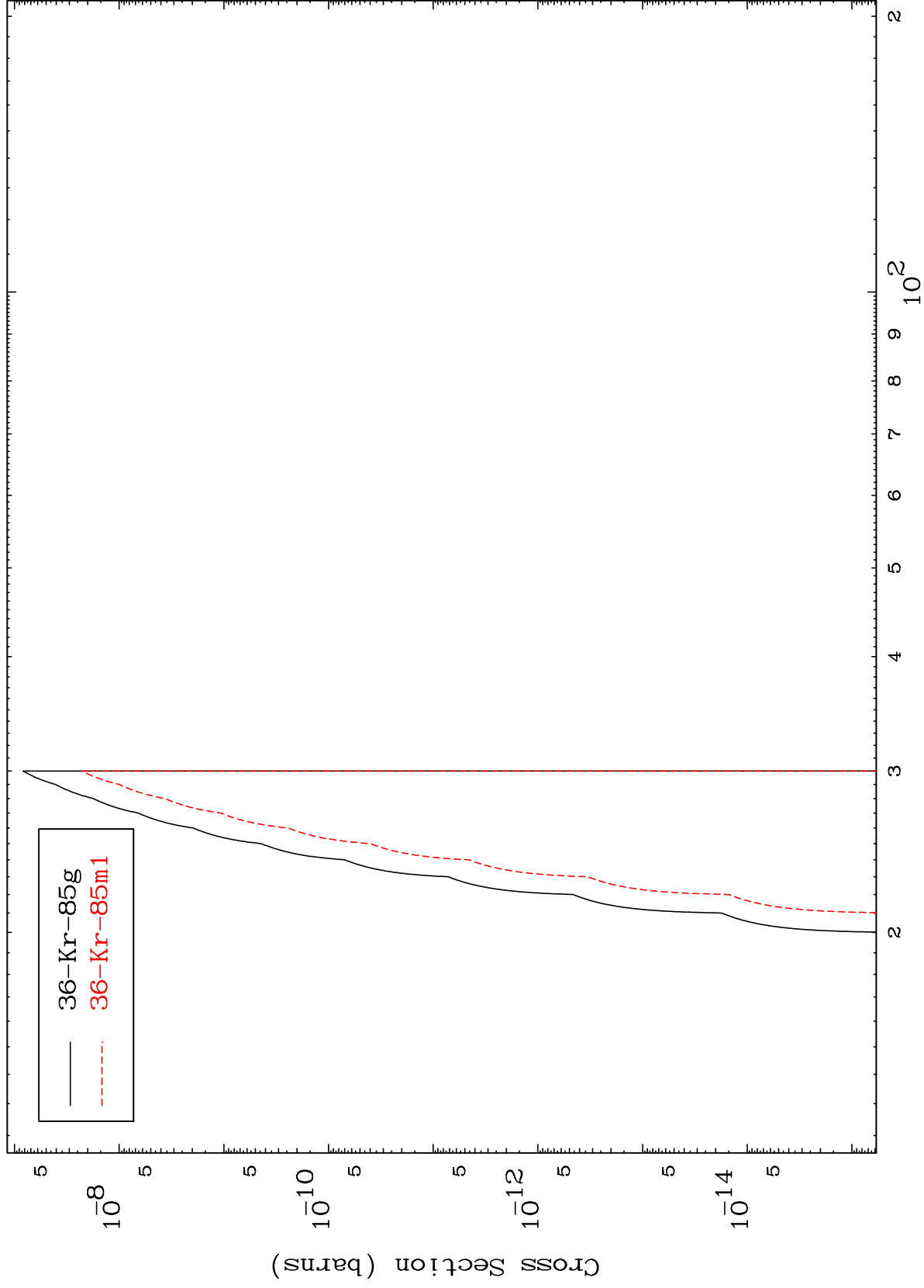


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(n,d)  $\alpha$

39-Y -90m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

39-Y -90m