

Program EVALPLOT  
(Version 2021-1)

by

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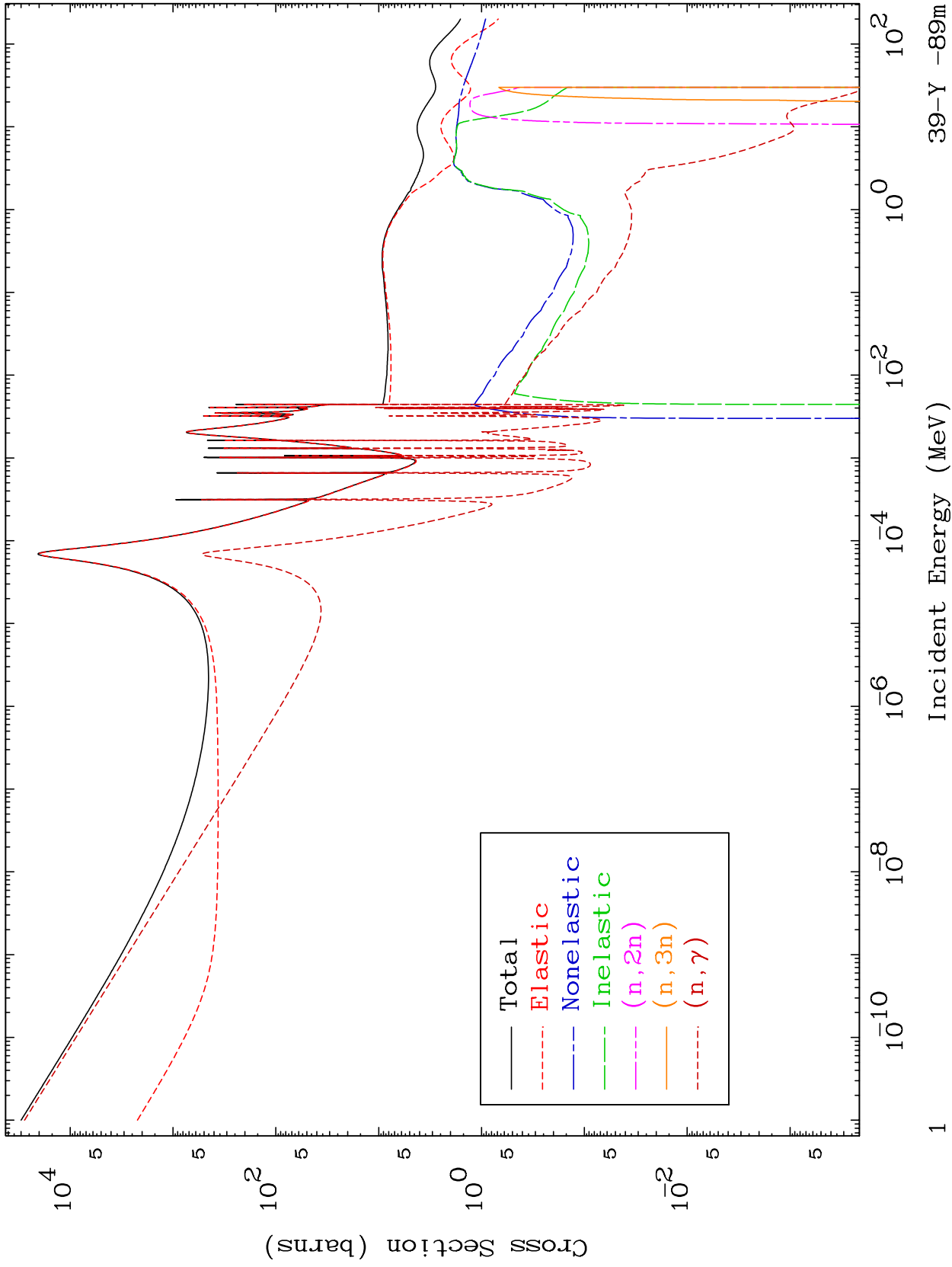
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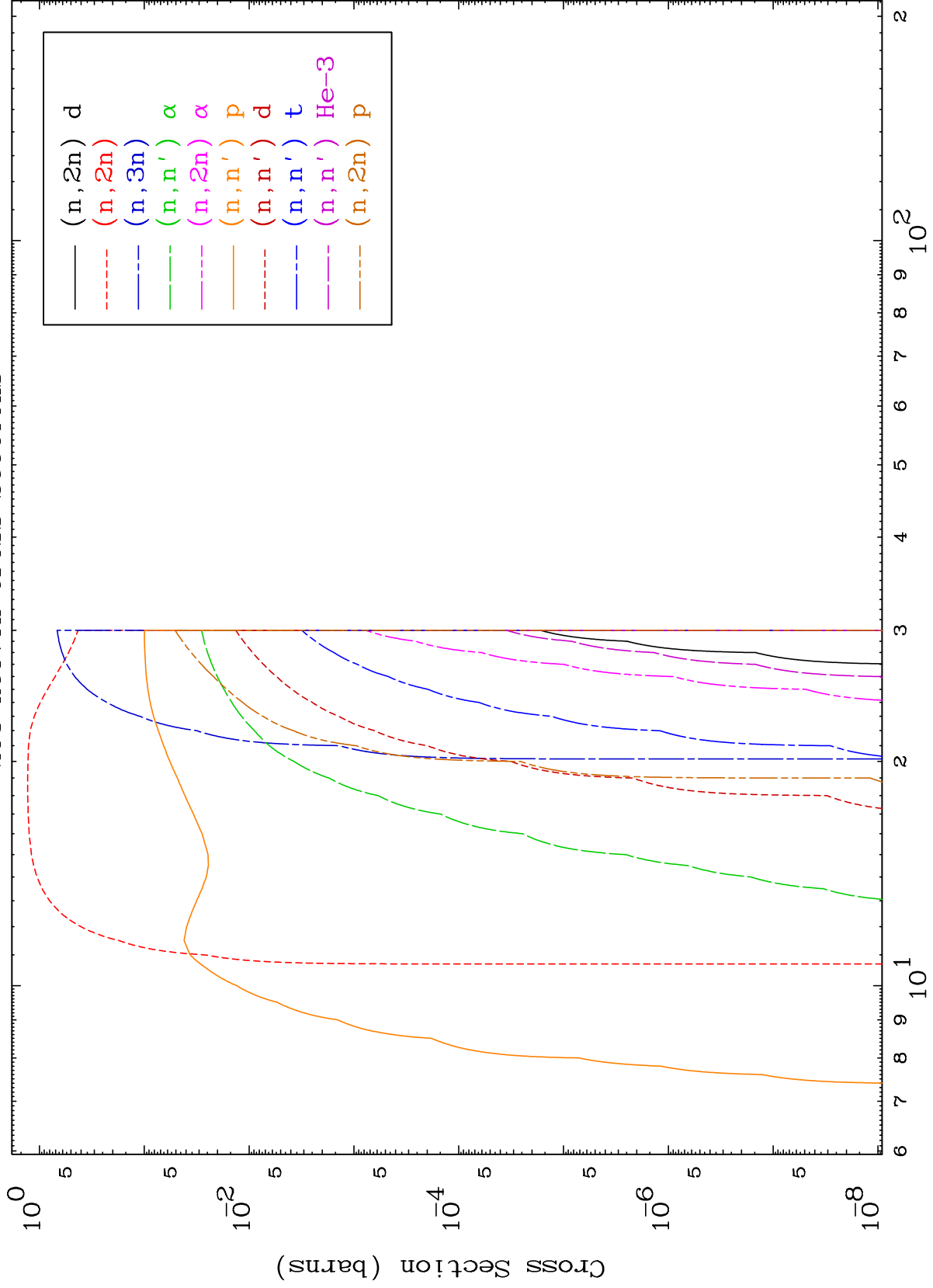
Press Mouse Button to Start

MAT 3926

Neutron Major  
293 Kelvin Cross Sections

39-Y -89m

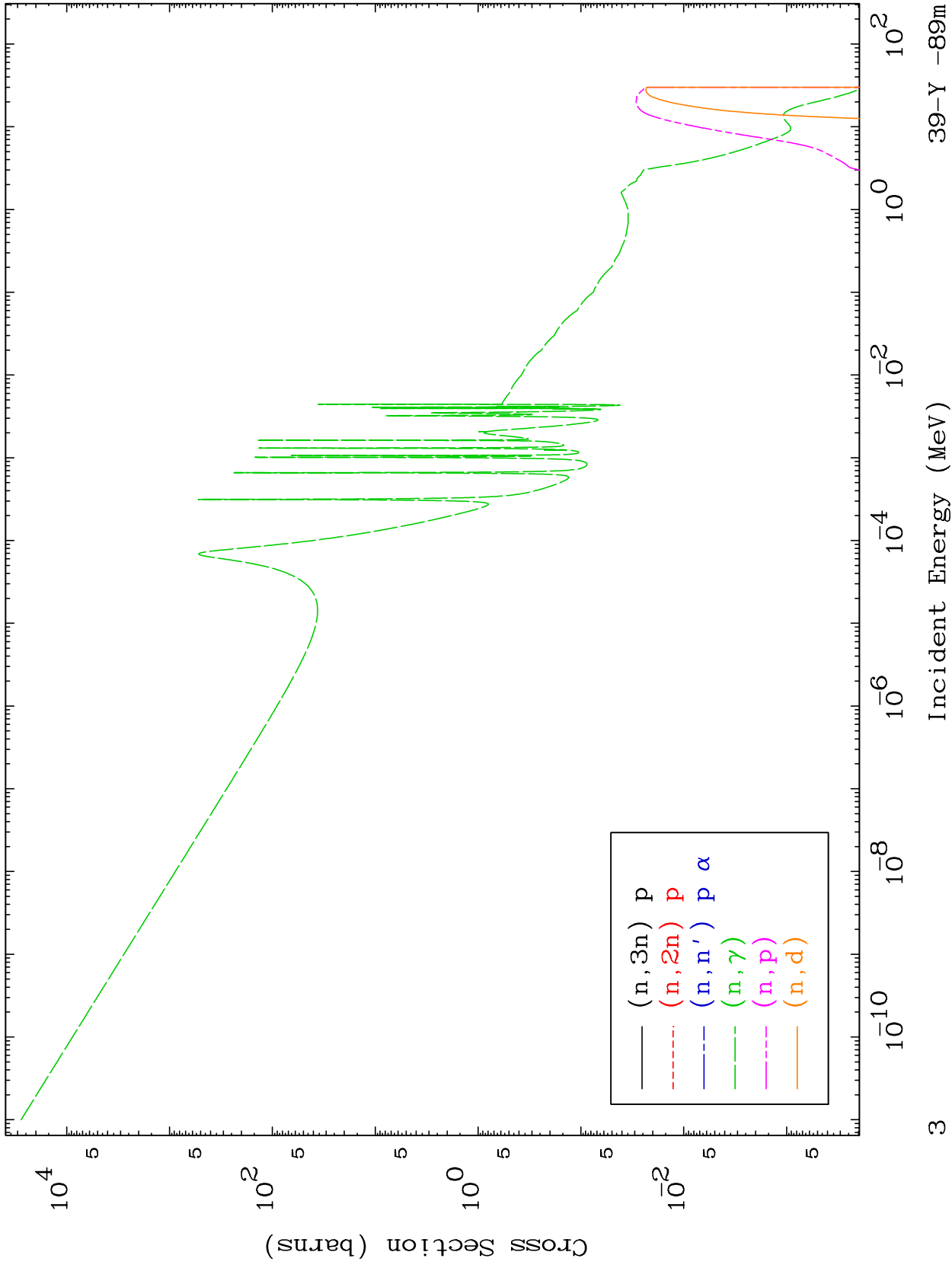




MAT 3926

Neutron Absorption  
293 Kelvin Cross Sections

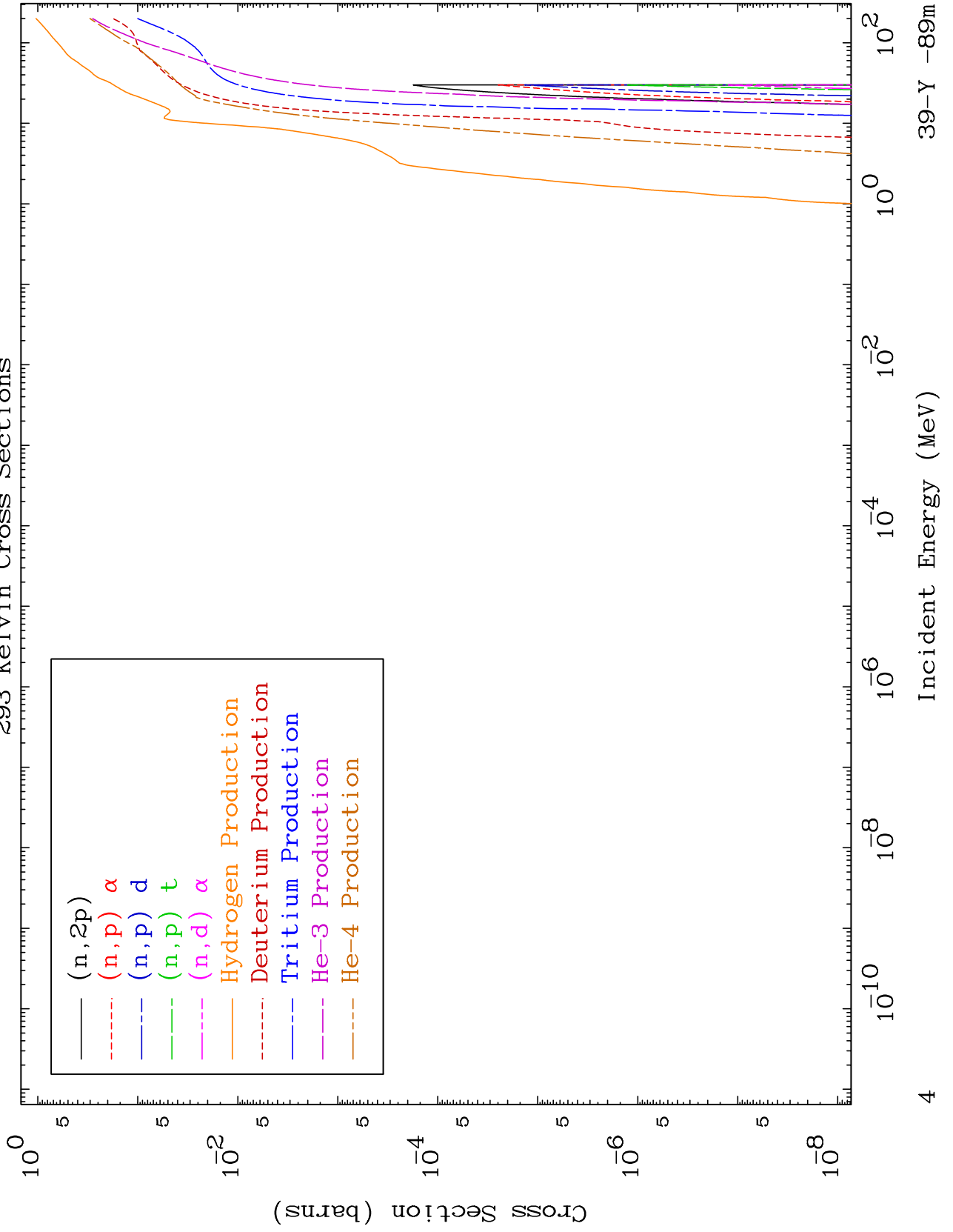
39-Y -89m



MAT 3926

Neutron Absorption  
293 Kelvin Cross Sections

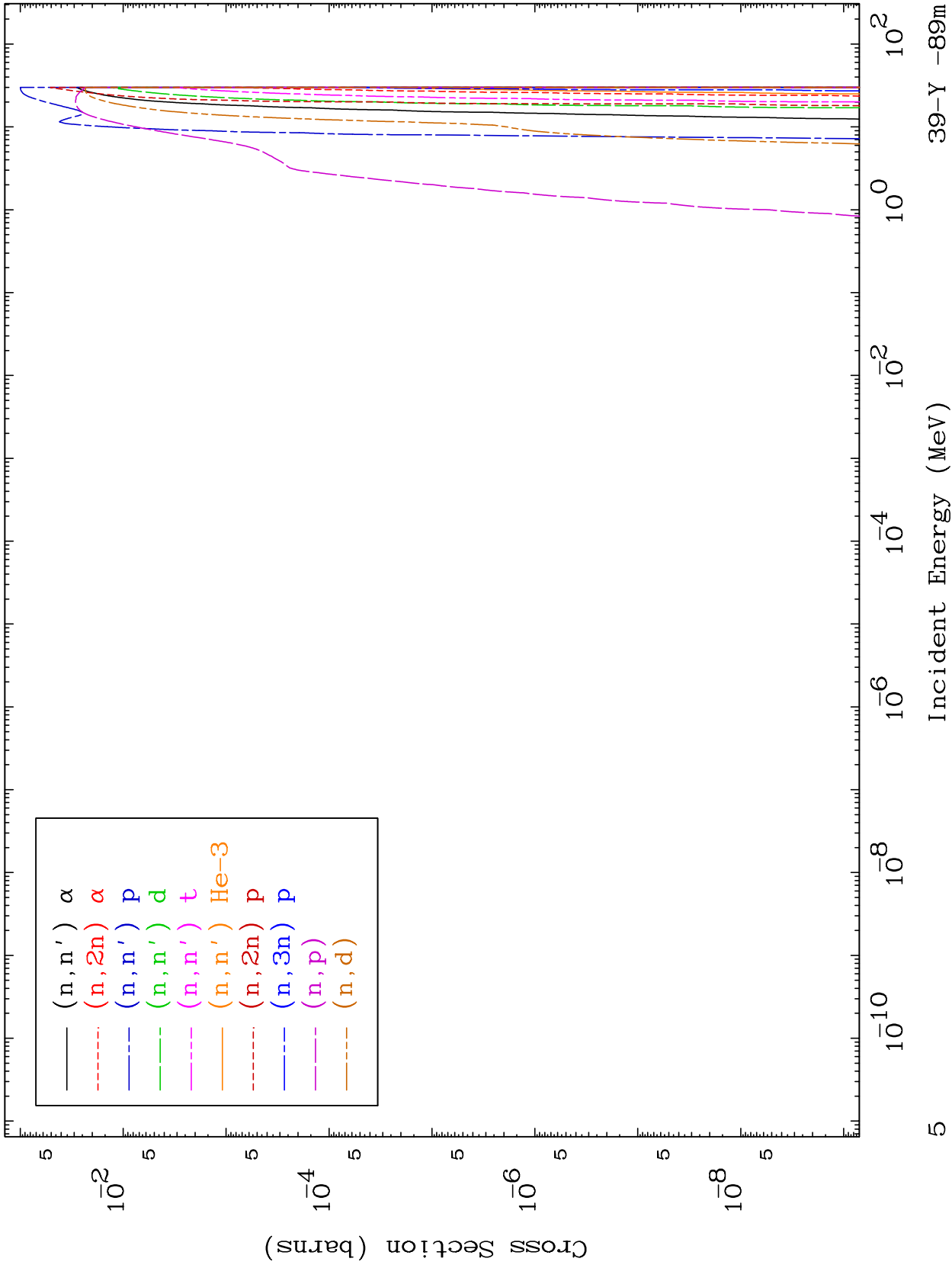
39-Y -89m



MAT 3926

Charged Particle  
293 Kelvin Cross Sections

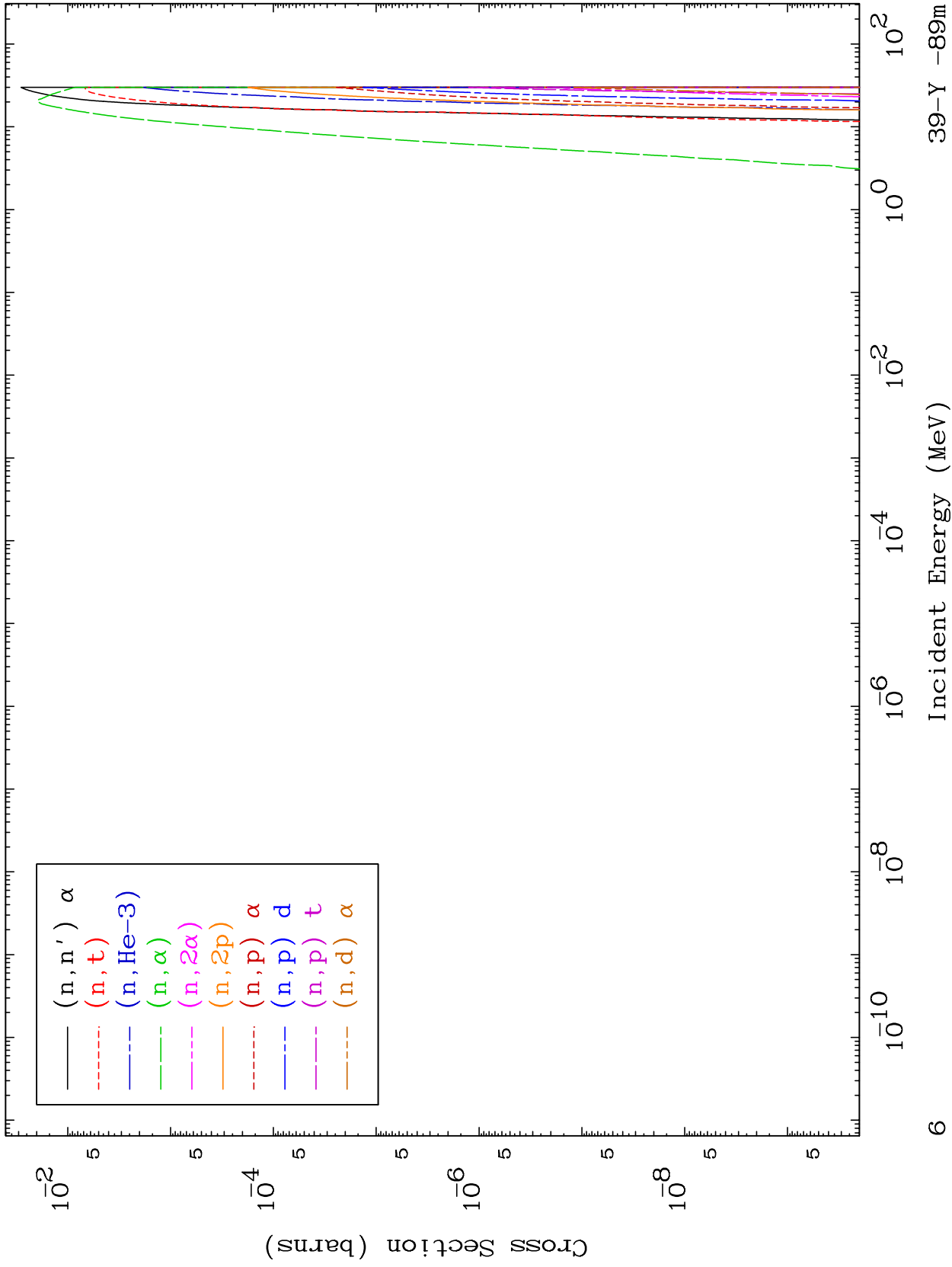
39-Y -89m



MAT 3926

Charged Particle  
293 Kelvin Cross Sections

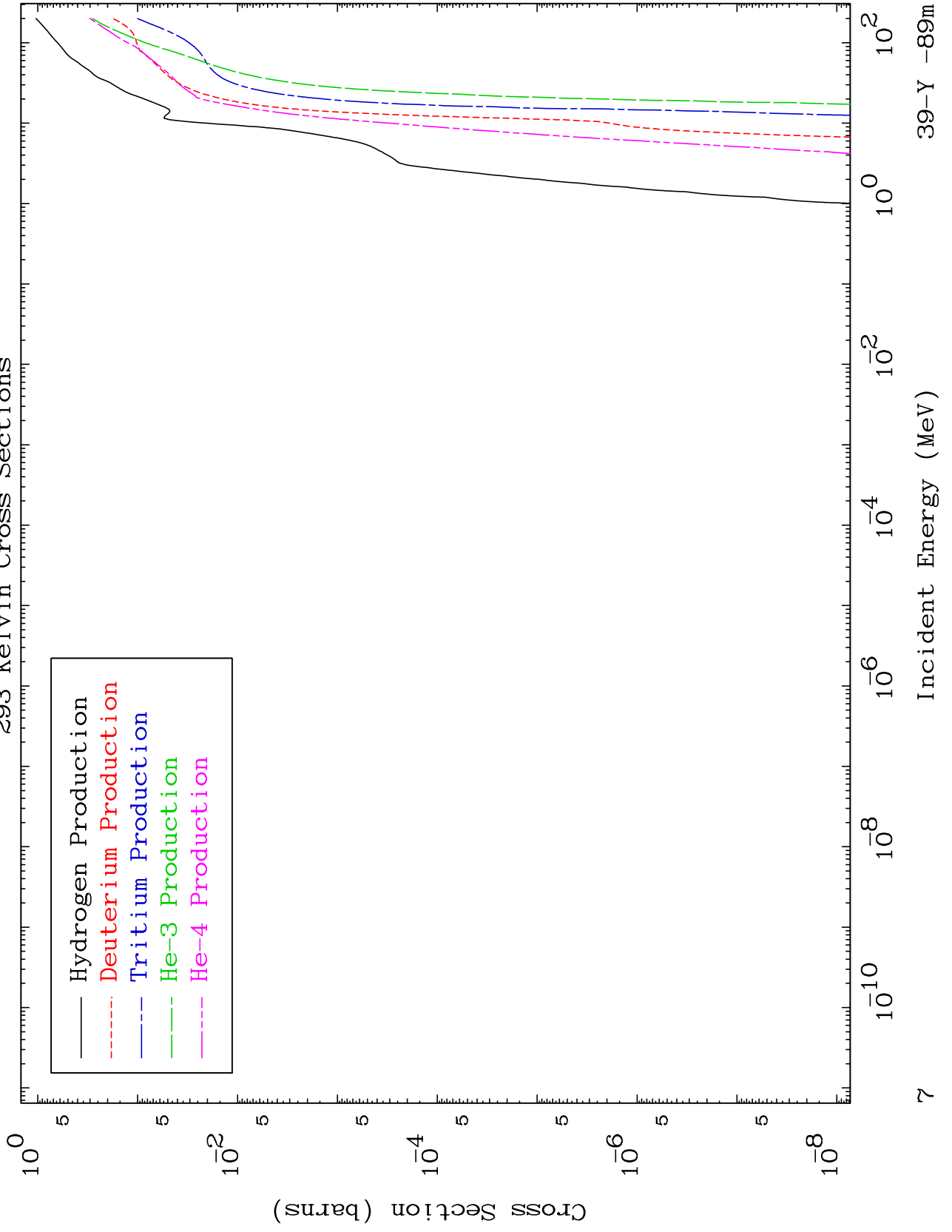
39-Y -89m



MAT 3926

Particle Production  
293 Kelvin Cross Sections

39-Y -89m

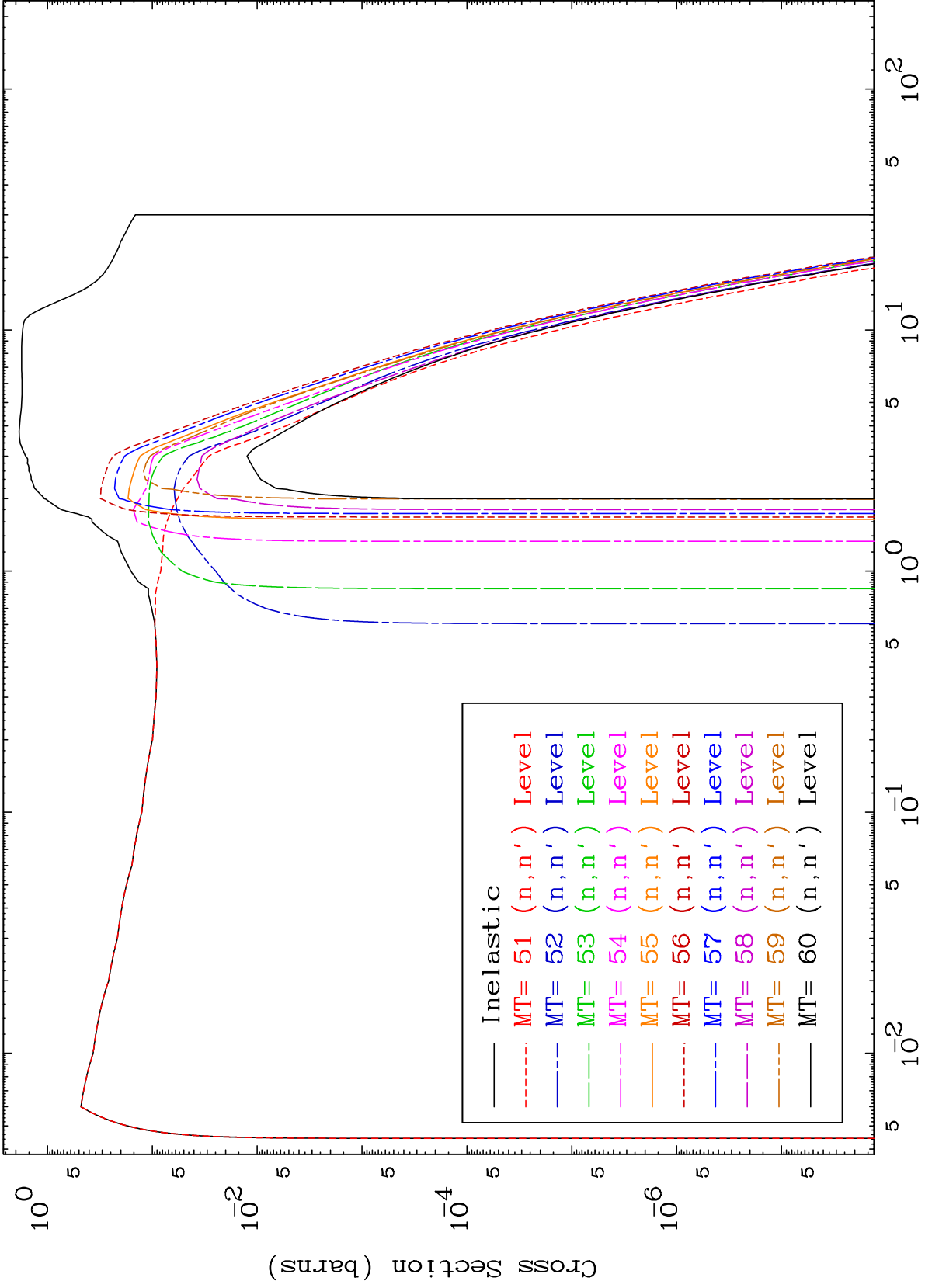




MAT 3926

(n,n') Levels  
293 Kelvin Cross Sections

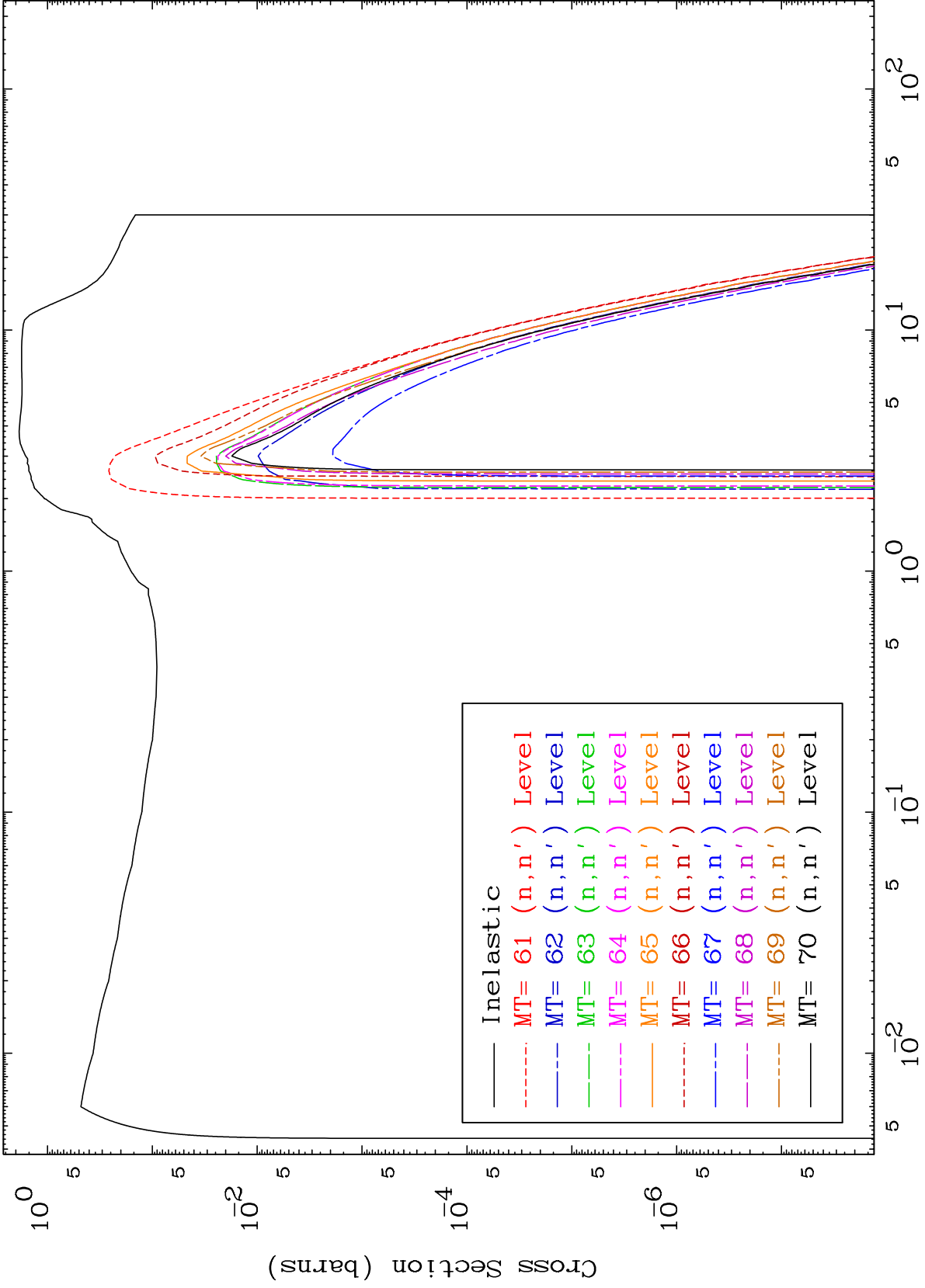
39-Y -89m



MAT 3926

(n,n') Levels  
293 Kelvin Cross Sections

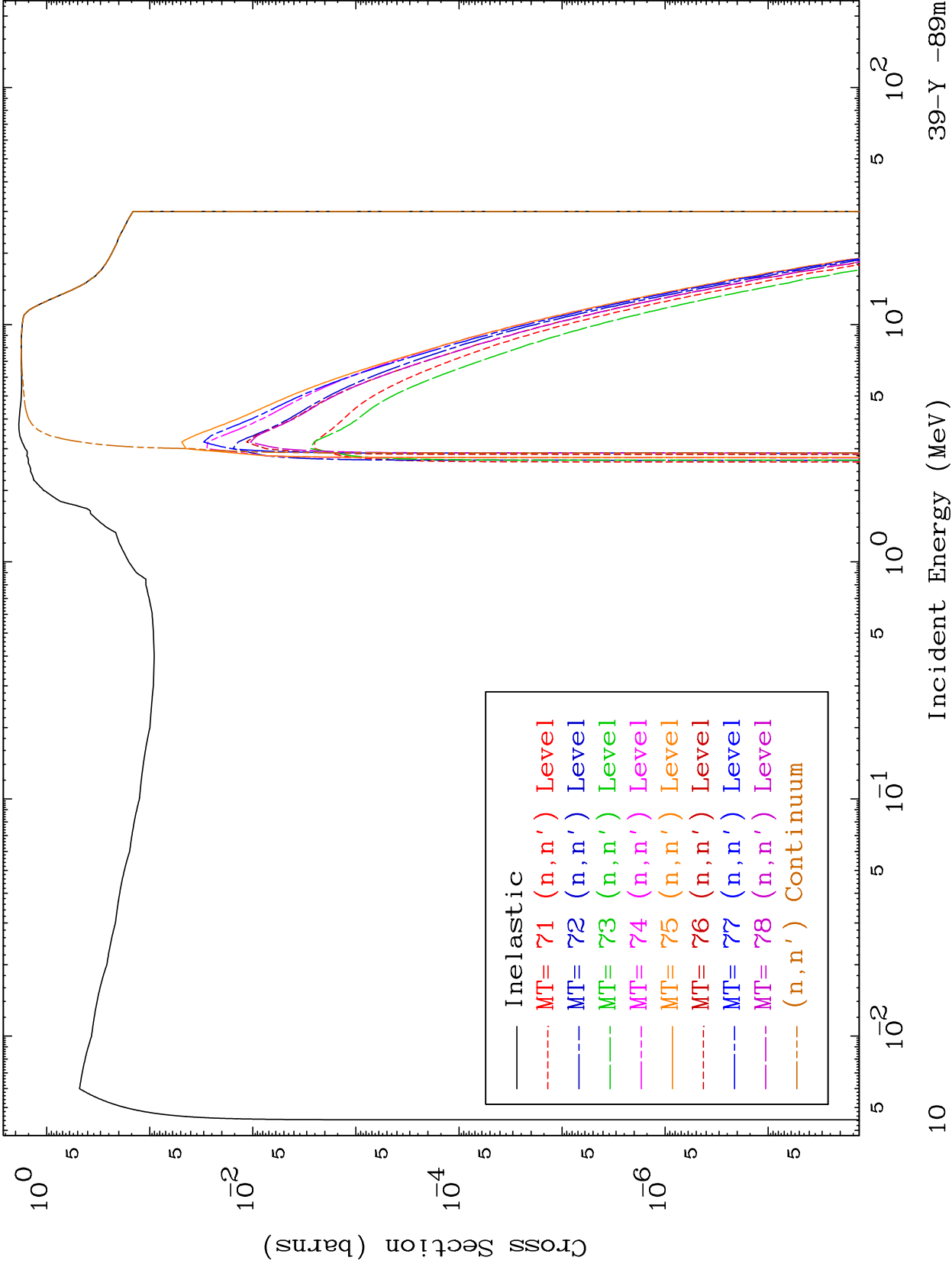
39-Y -89m



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(n,n') Levels  
293 Kelvin Cross Sections

39-Y -89m



39-Y -89m

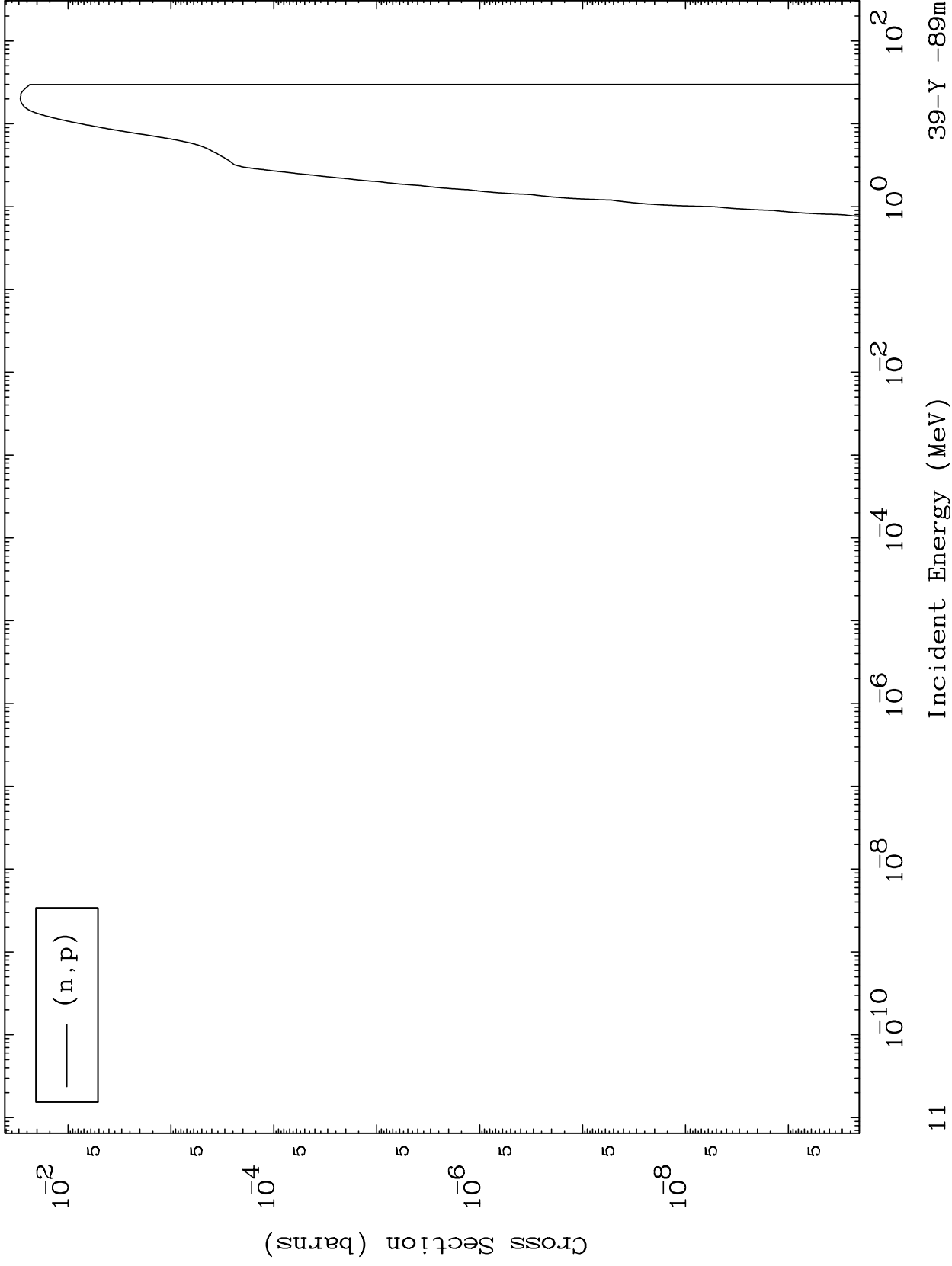
Incident Energy (MeV)

10

MAT 3926

(n,p) Levels  
293 Kelvin Cross Sections

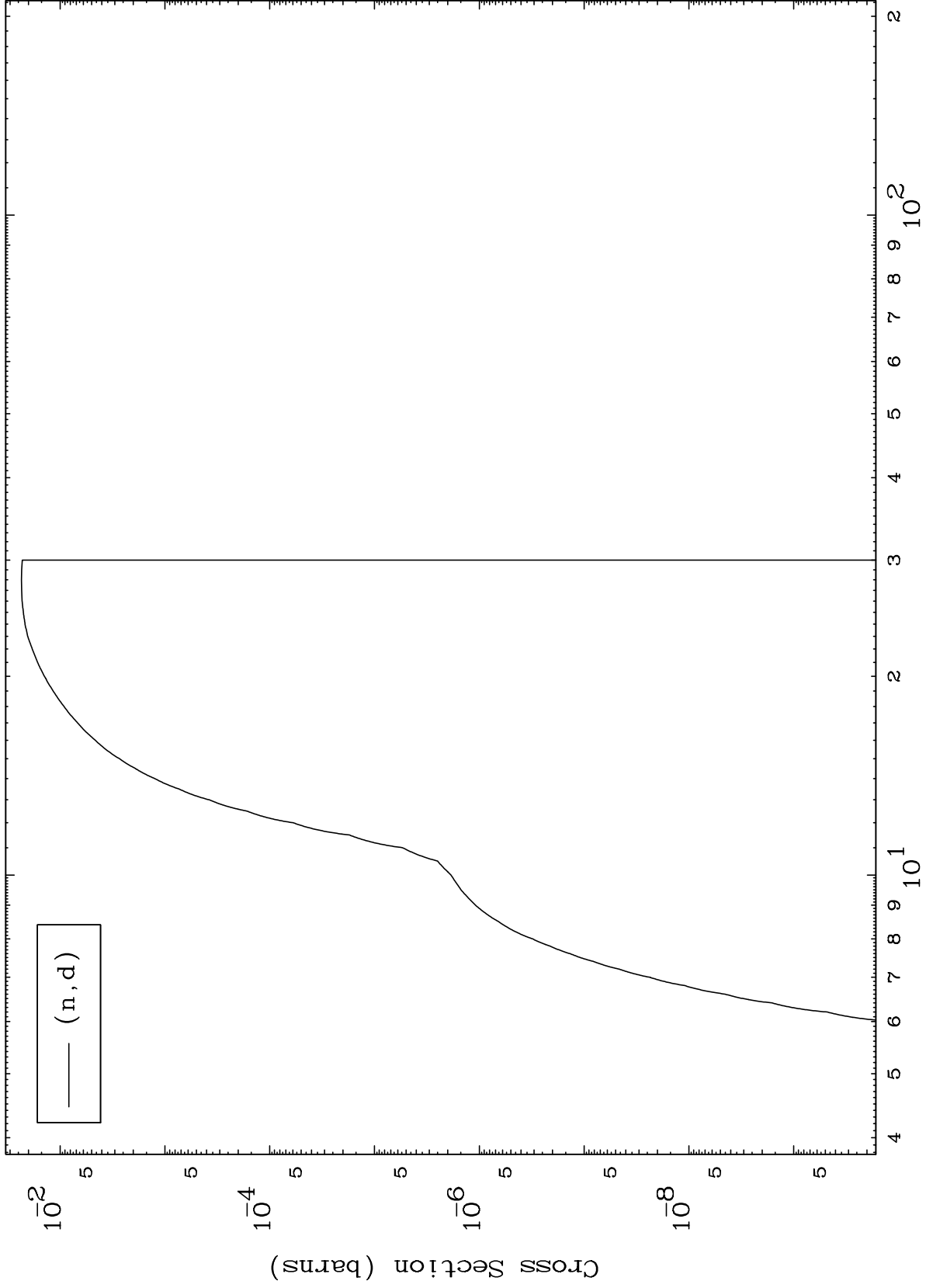
39-Y -89m



MAT 3926

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -89m



12

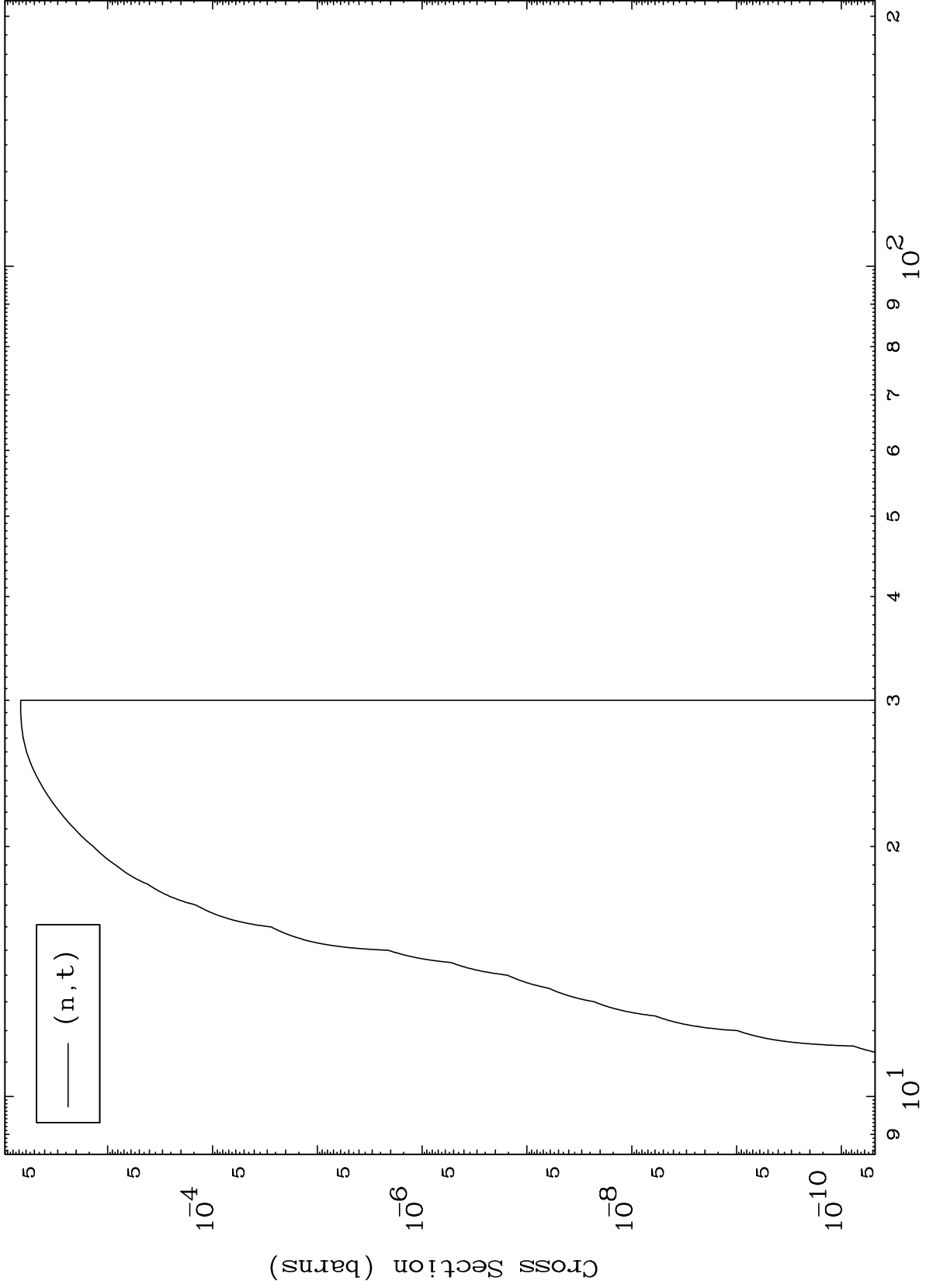
Incident Energy (MeV)

39-Y -89m

MAT 3926

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -89m



13

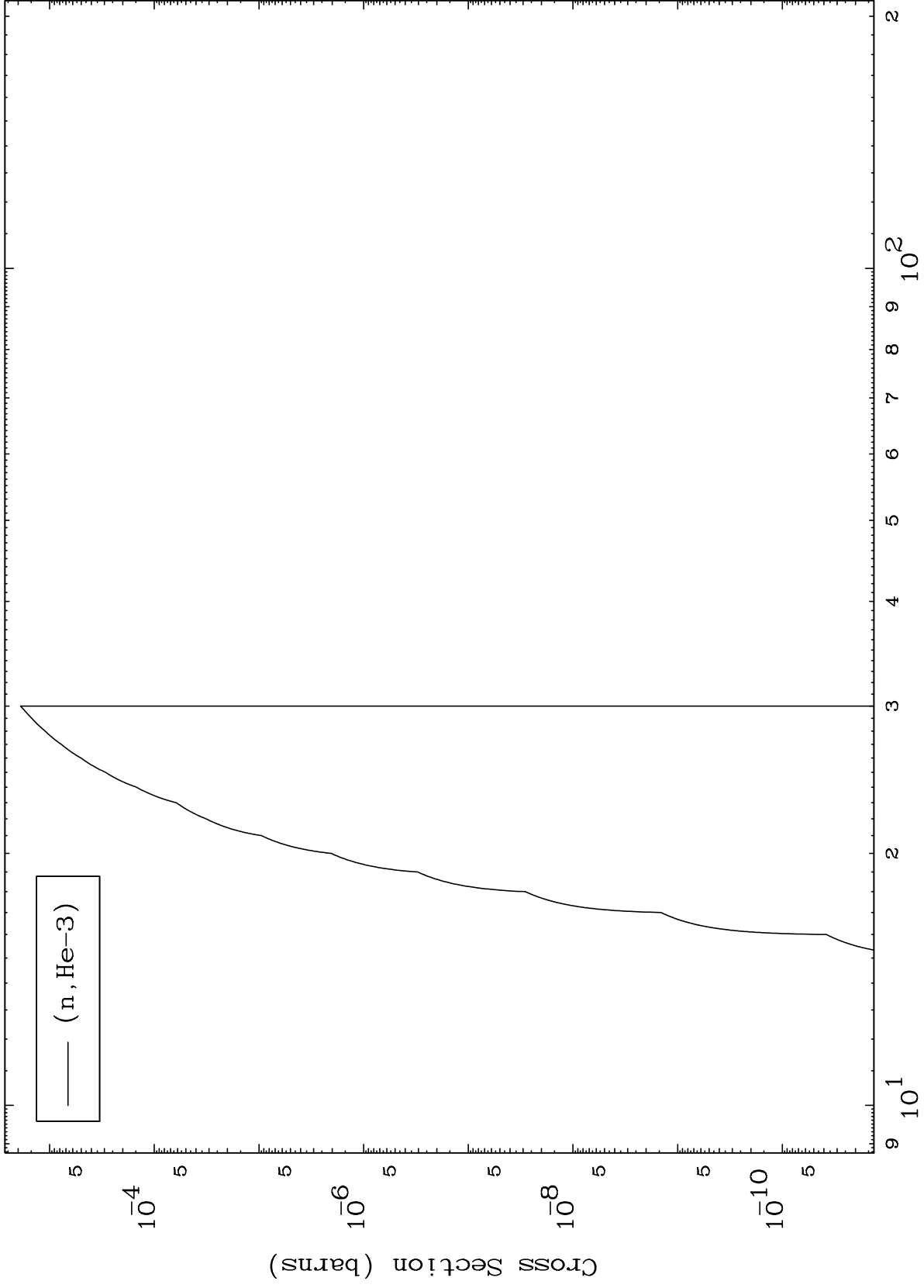
Incident Energy (MeV)

39-Y -89m

MAT 3926

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -89m



14

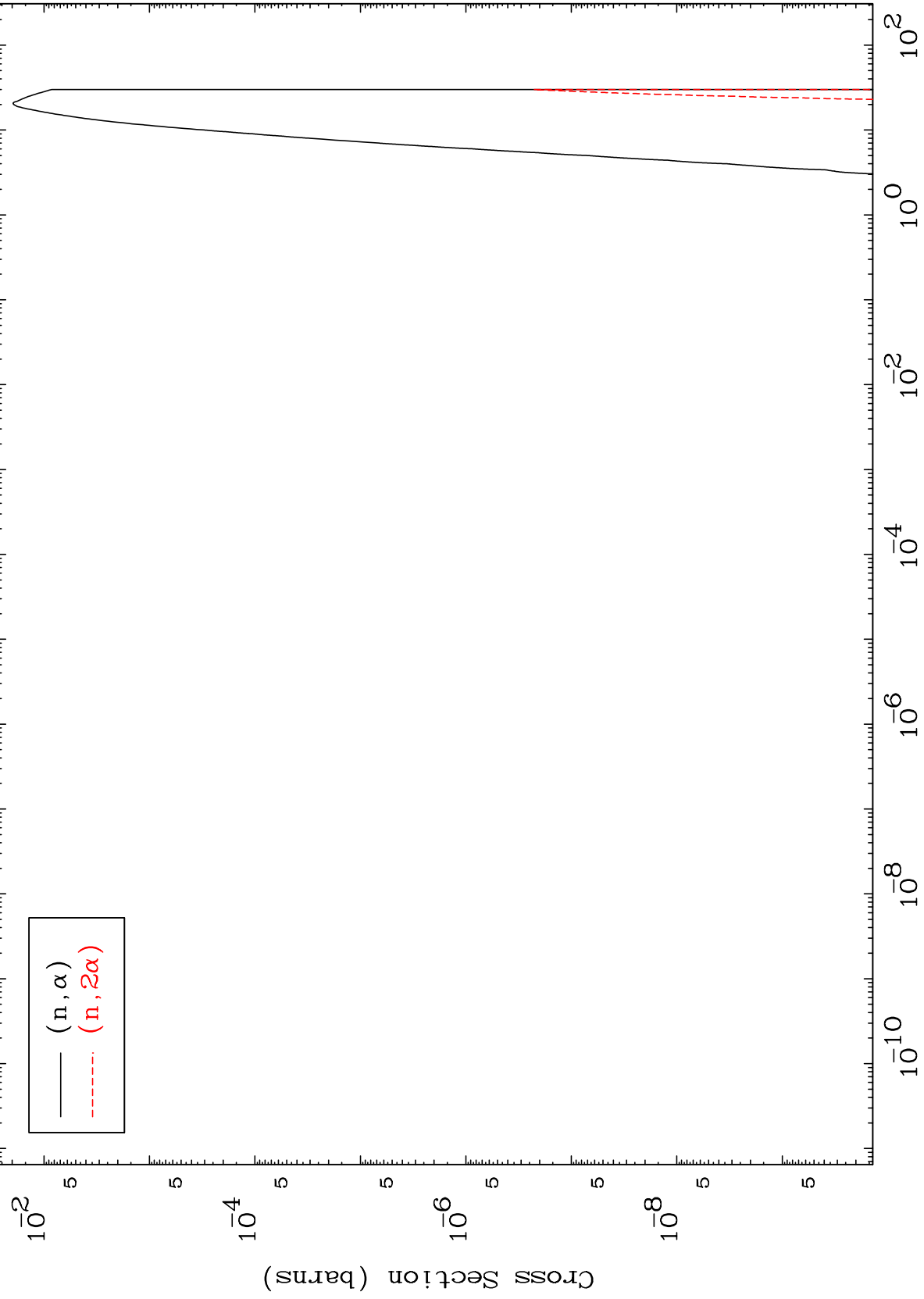
Incident Energy (MeV)

39-Y -89m

MAT 3926

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

39-Y -89m



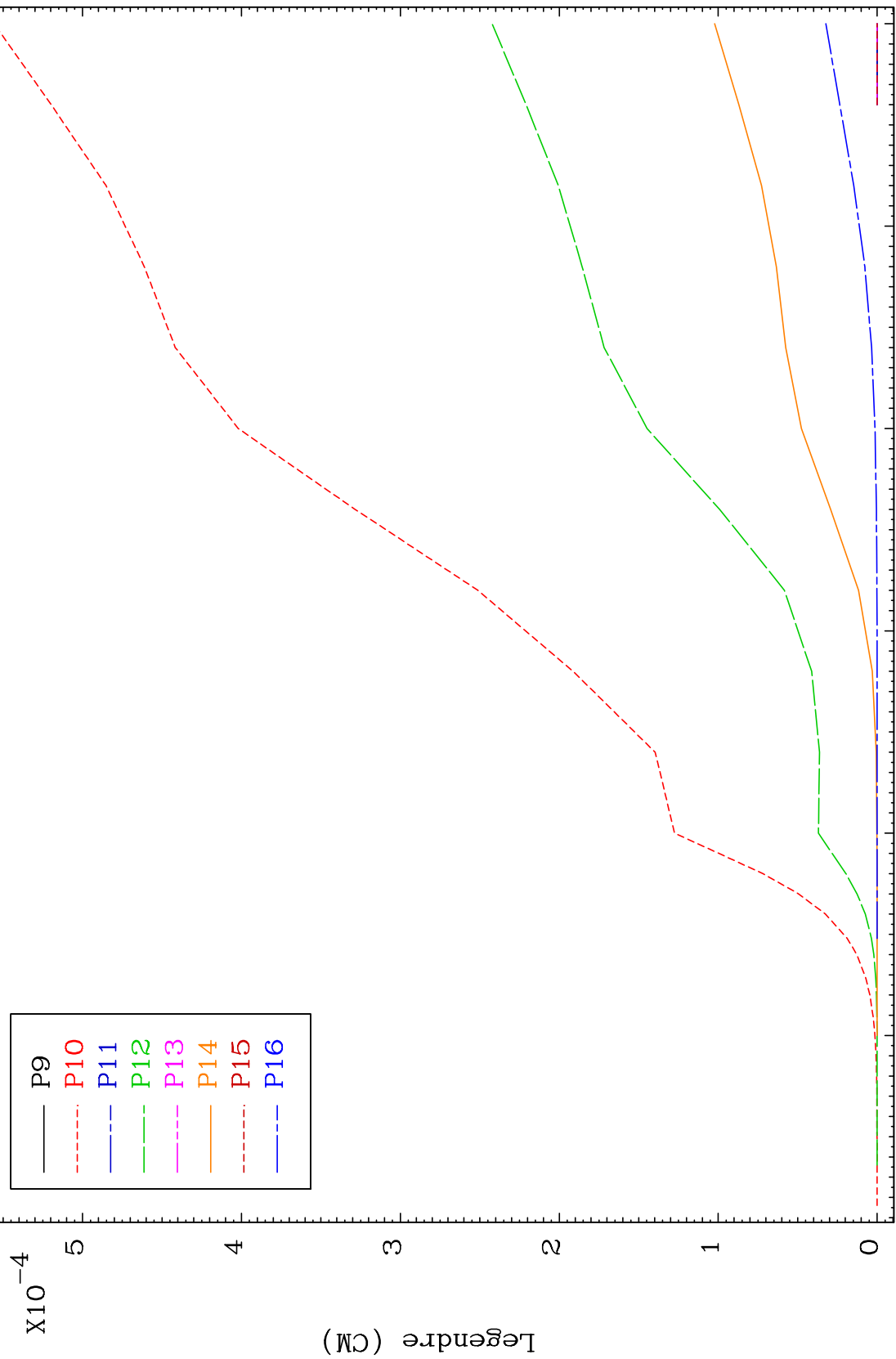
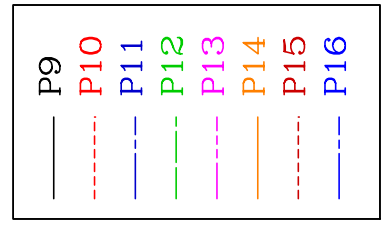




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Elastic Legendre Coefficients

39-Y -89m



17

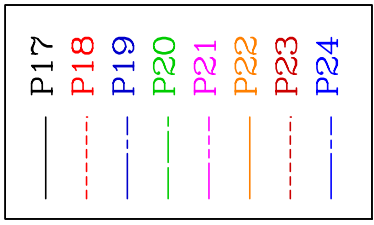
Incident Energy (MeV)

39-Y -89m

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Elastic Legendre Coefficients

39-Y -89m



$\times 10^{-6}$

2.0

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

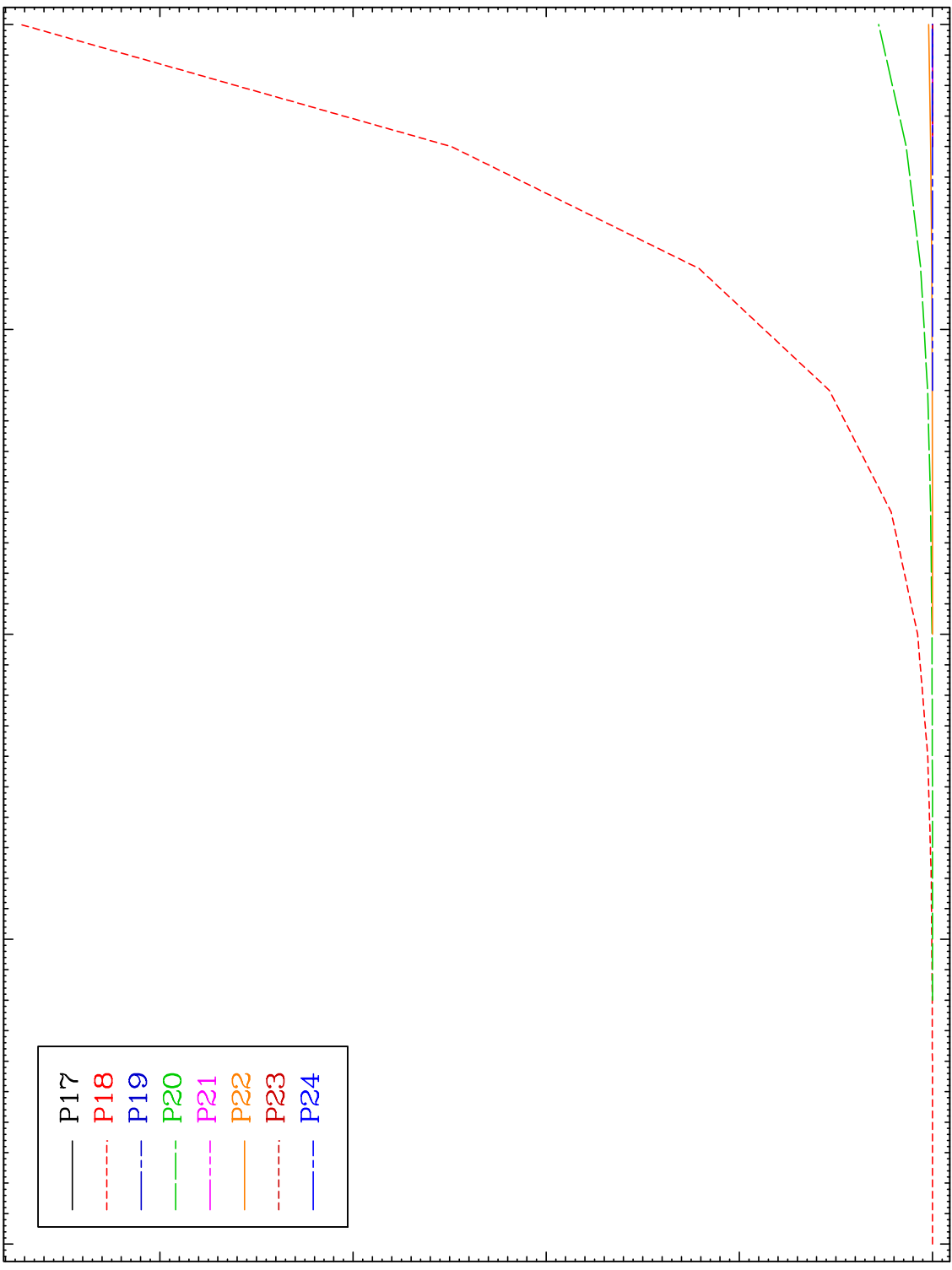
25

30

18

Incident Energy (MeV)

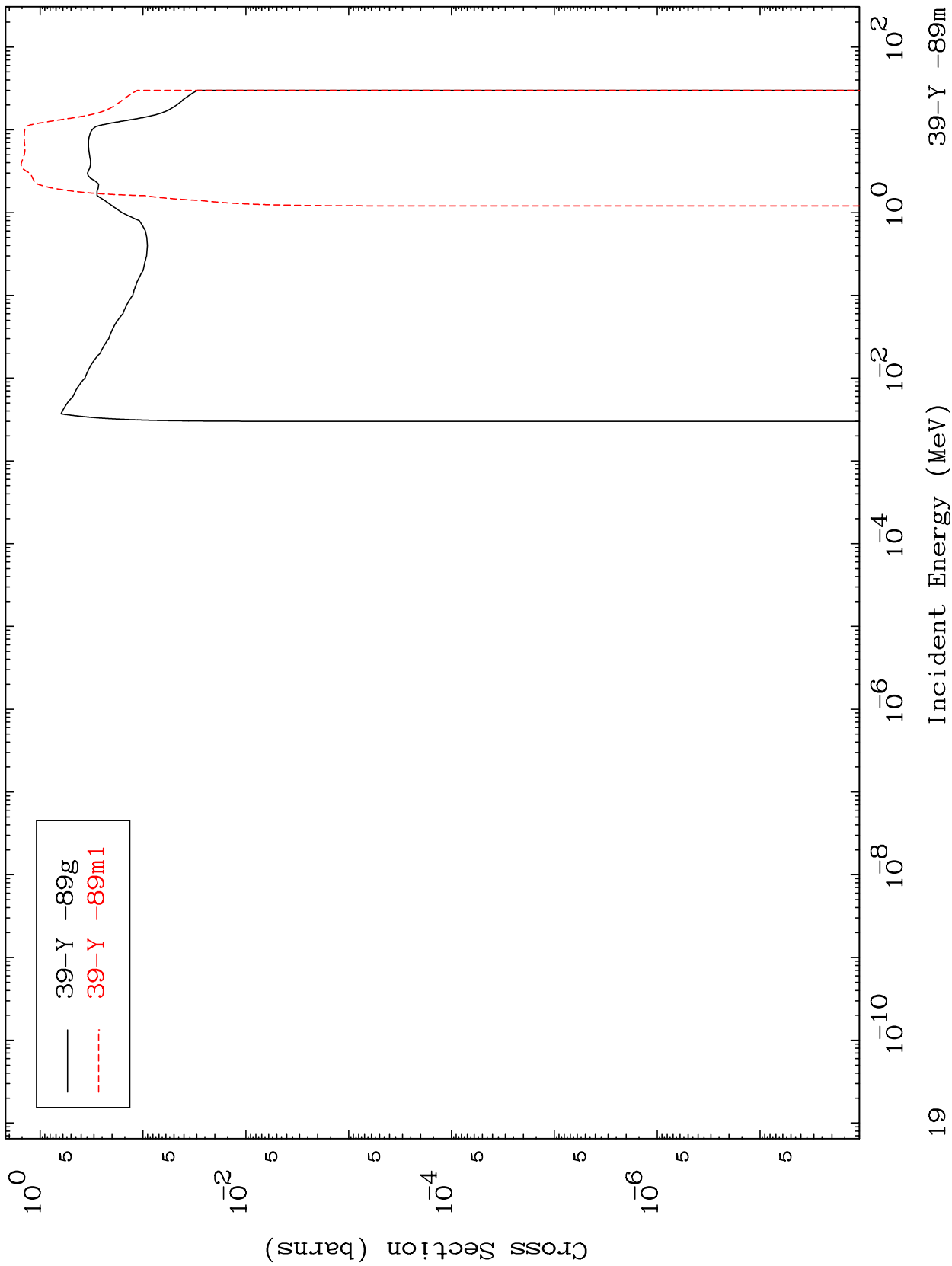
39-Y -89m



MAT 3926

39-Y -89m

Inelastic  
Radionuclide Production Cross Section

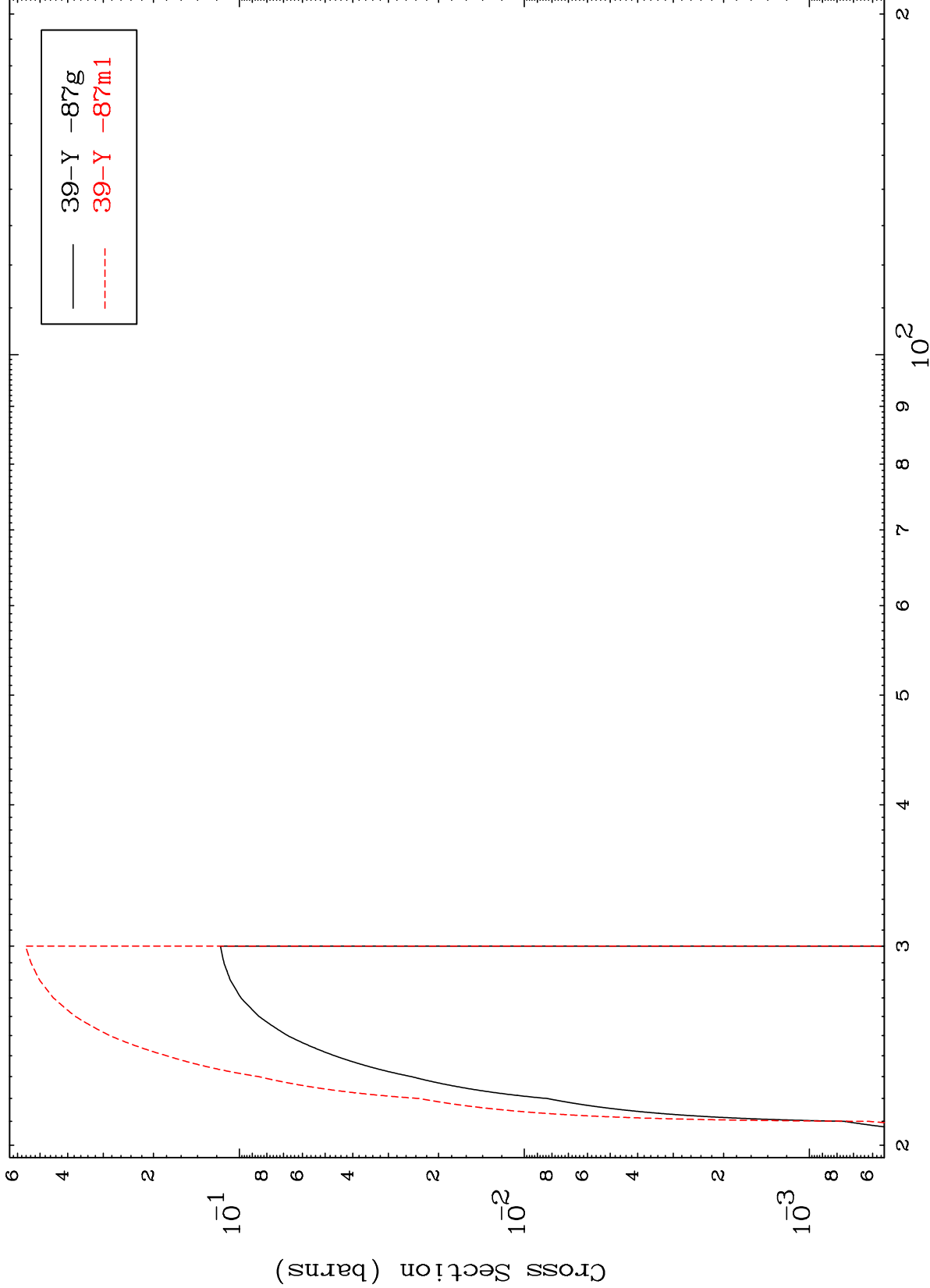


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(n,3n)

39-Y -89m

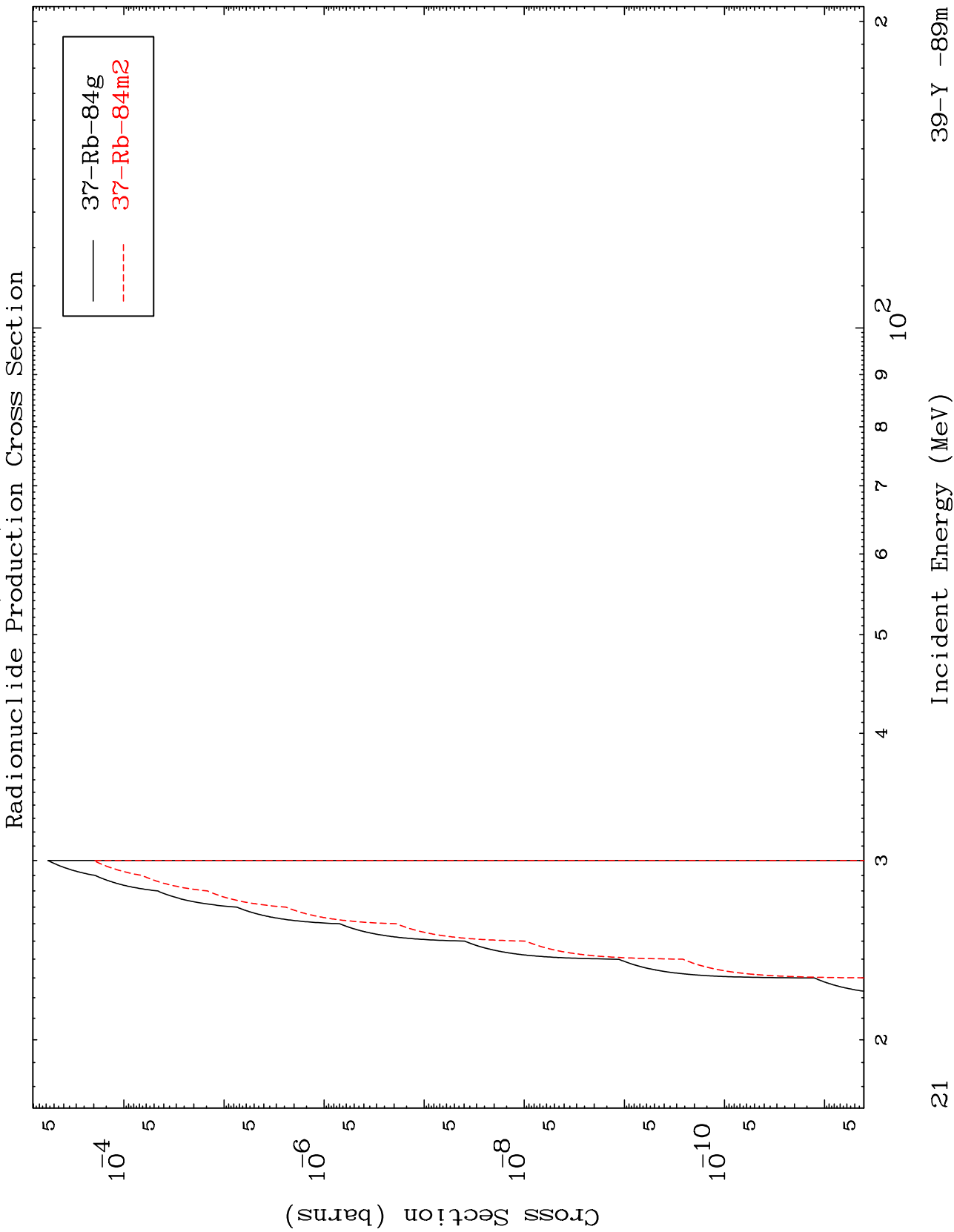
Radionuclide Production Cross Section



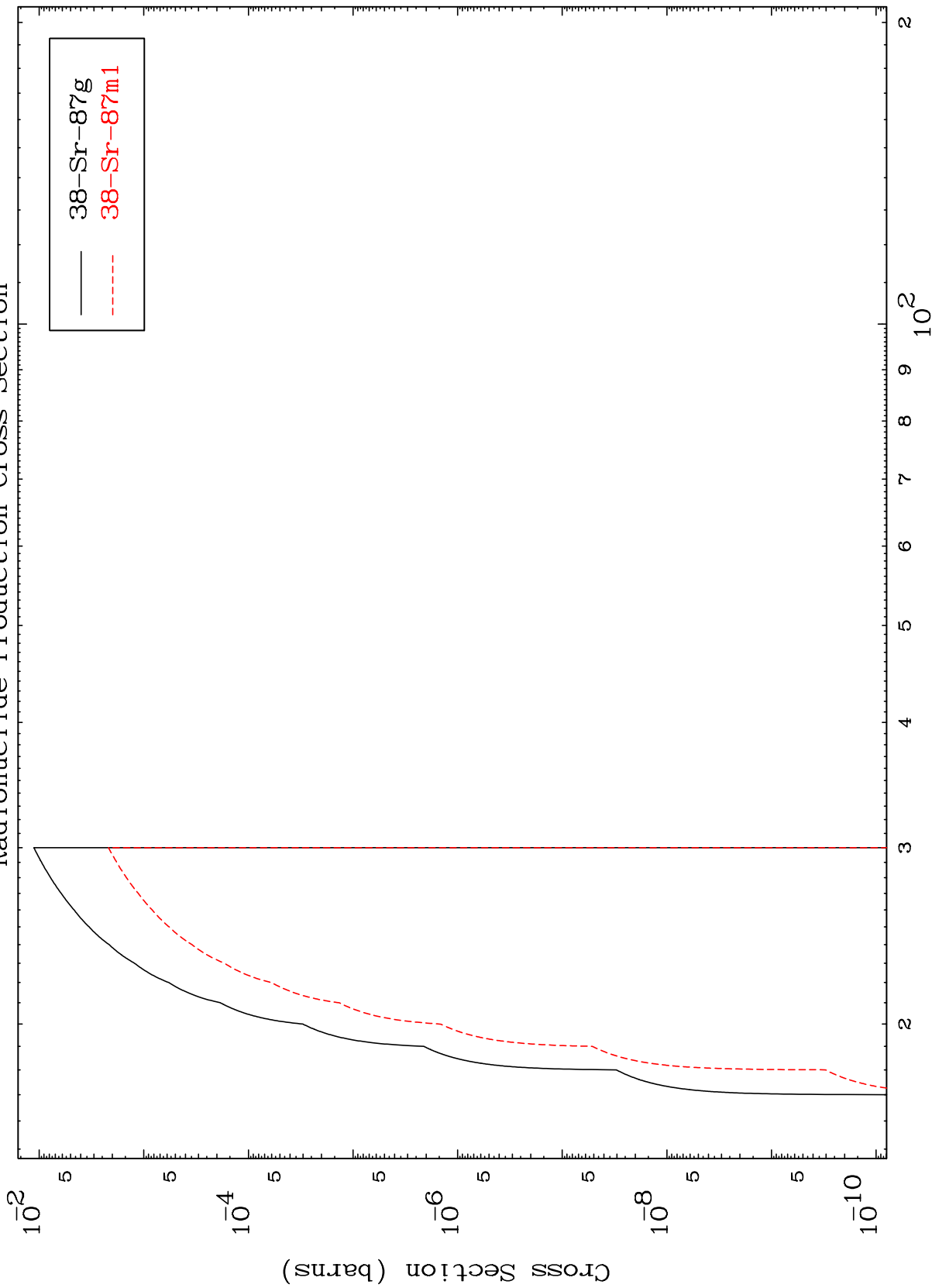
20

Incident Energy (MeV)

39-Y -89m



Radionuclide Production Cross Section

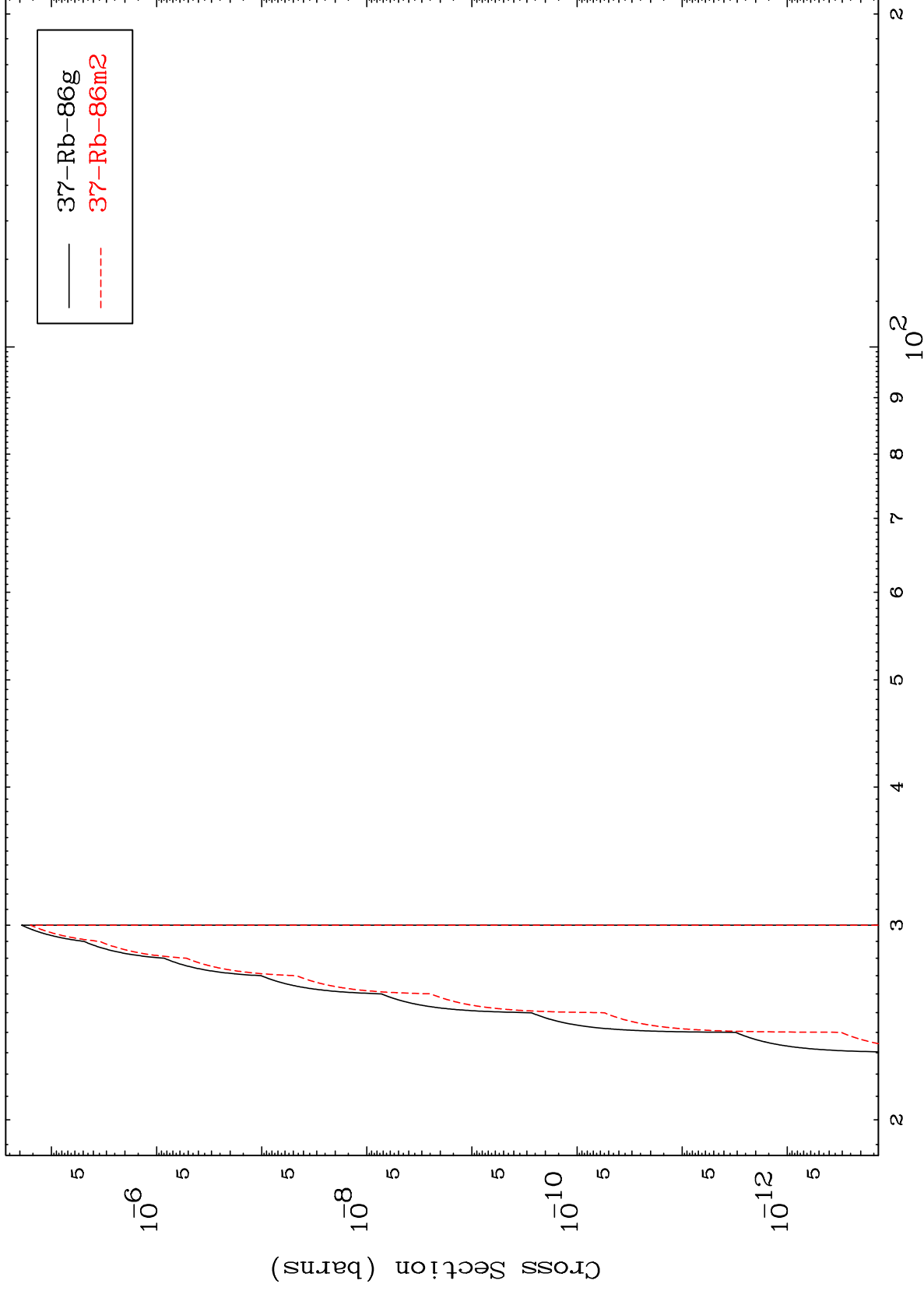


MAT 3926

(n,n') He-3

39-Y -89m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

39-Y -89m

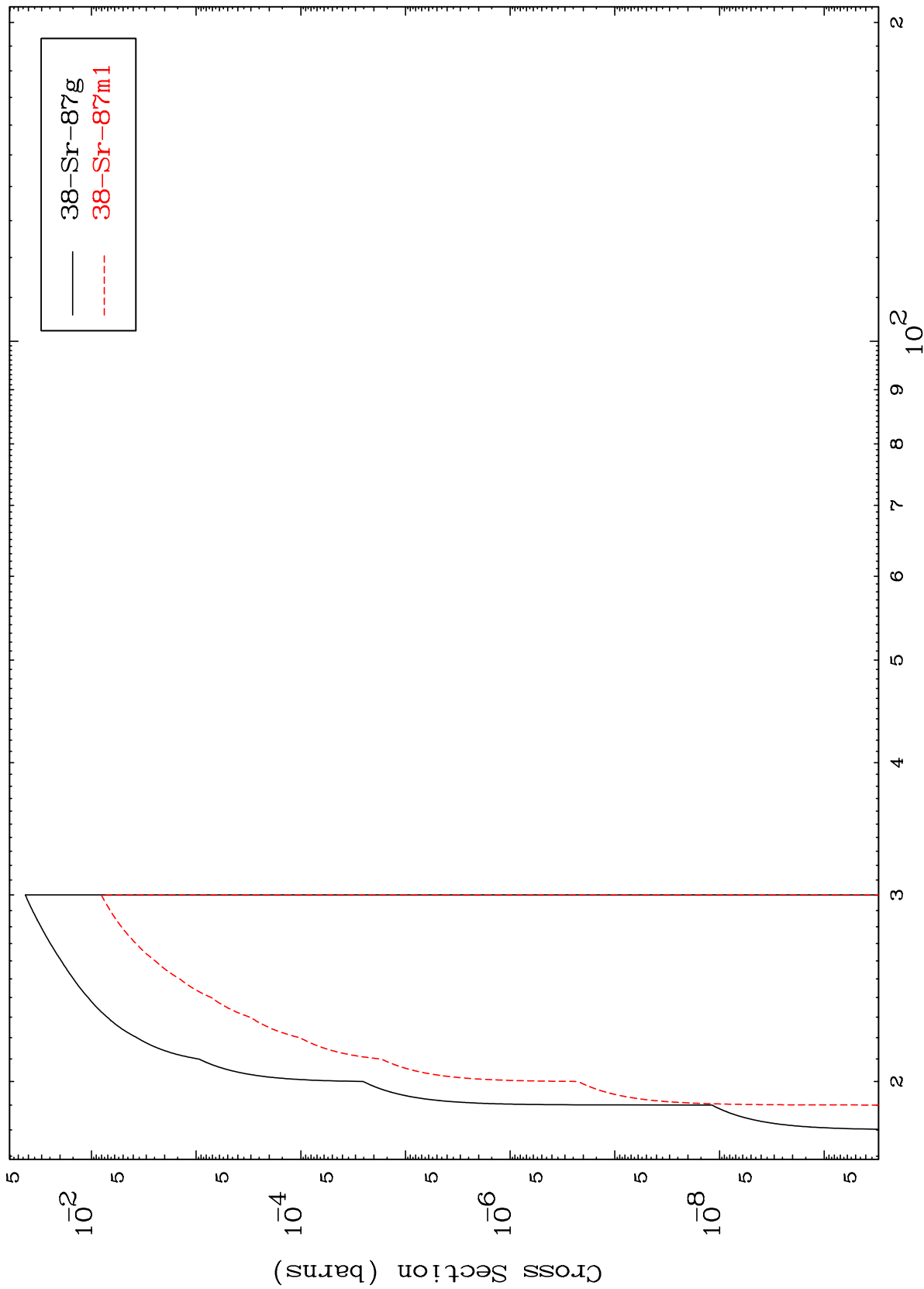


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(n,2n) p

39-Y -89m

Radionuclide Production Cross Section



24

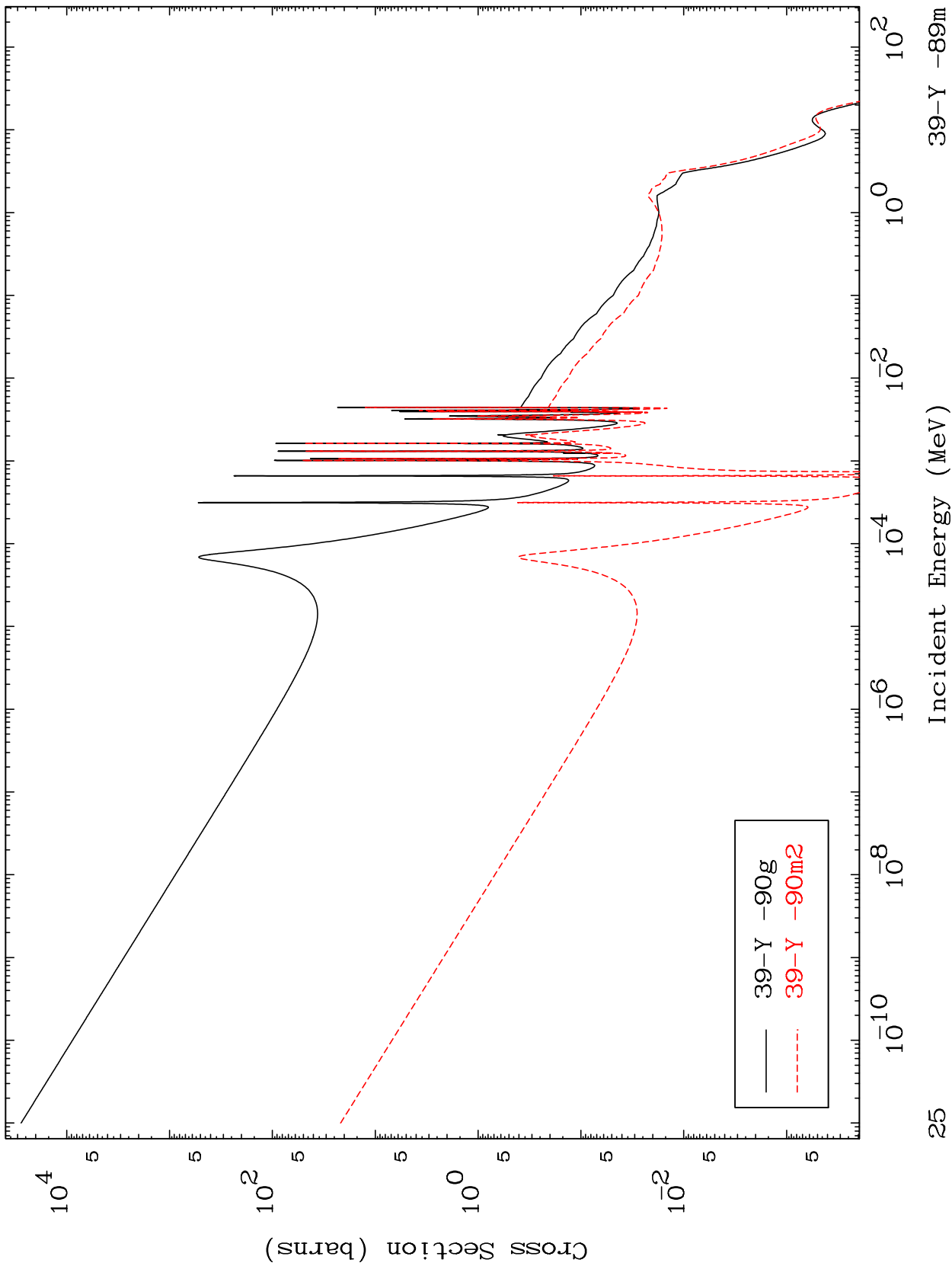
Incident Energy (MeV)

39-Y -89m

MAT 3926

39-Y -89m

Radionuclide Production Cross Section (n,γ)

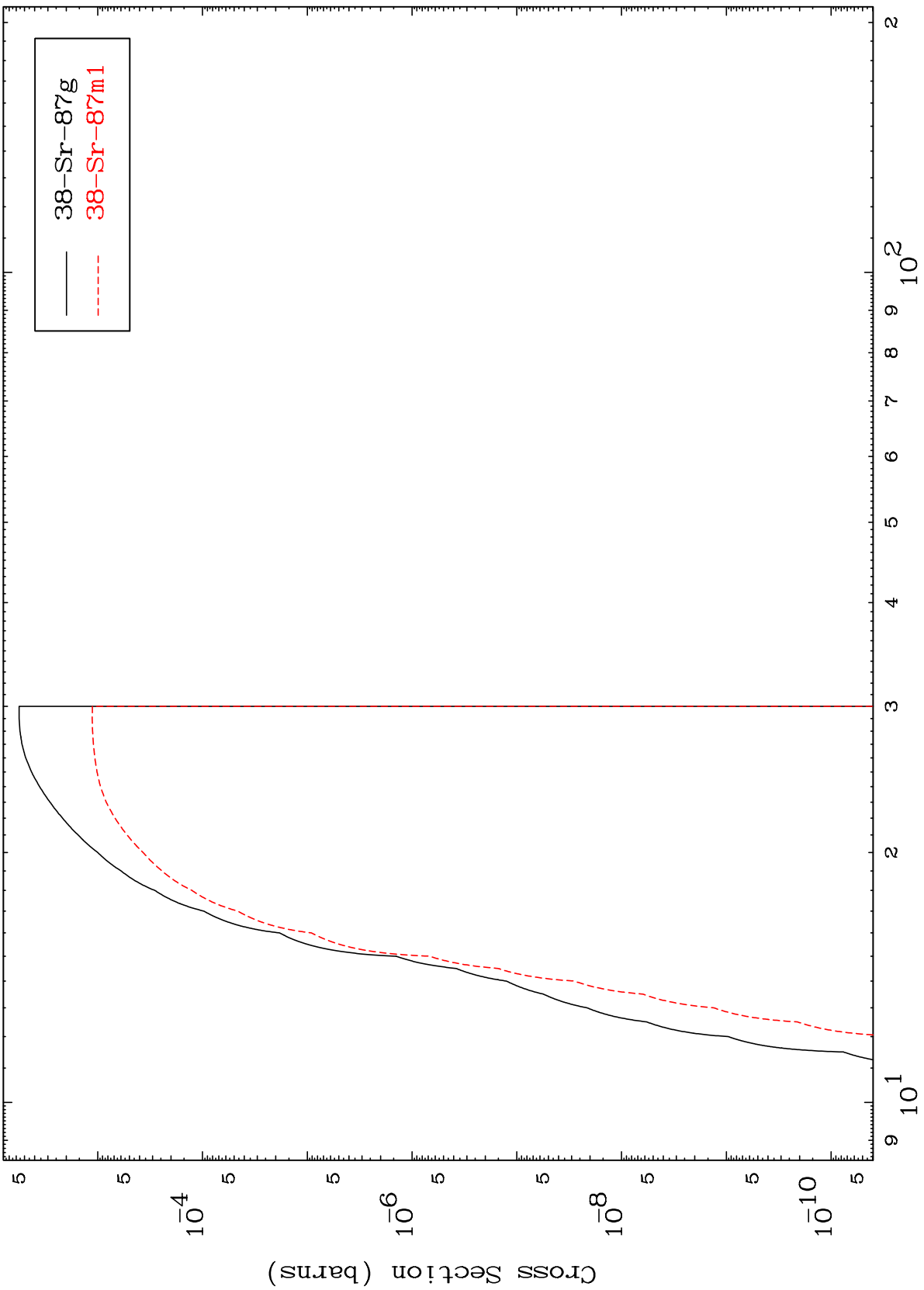


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(n,t)

39-Y -89m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

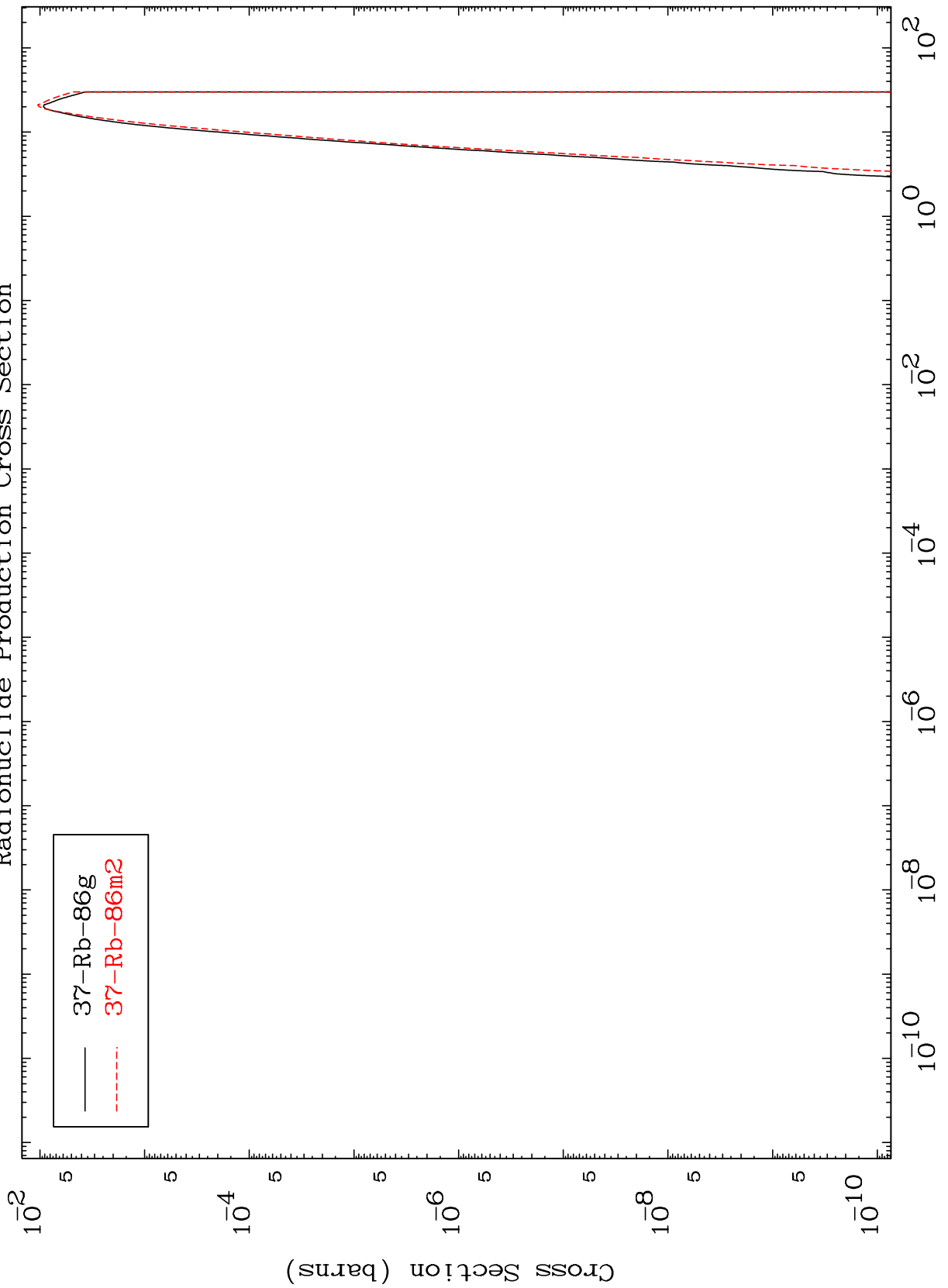
39-Y -89m

MAT 3926

(n,  $\alpha$ )

39-Y -89m

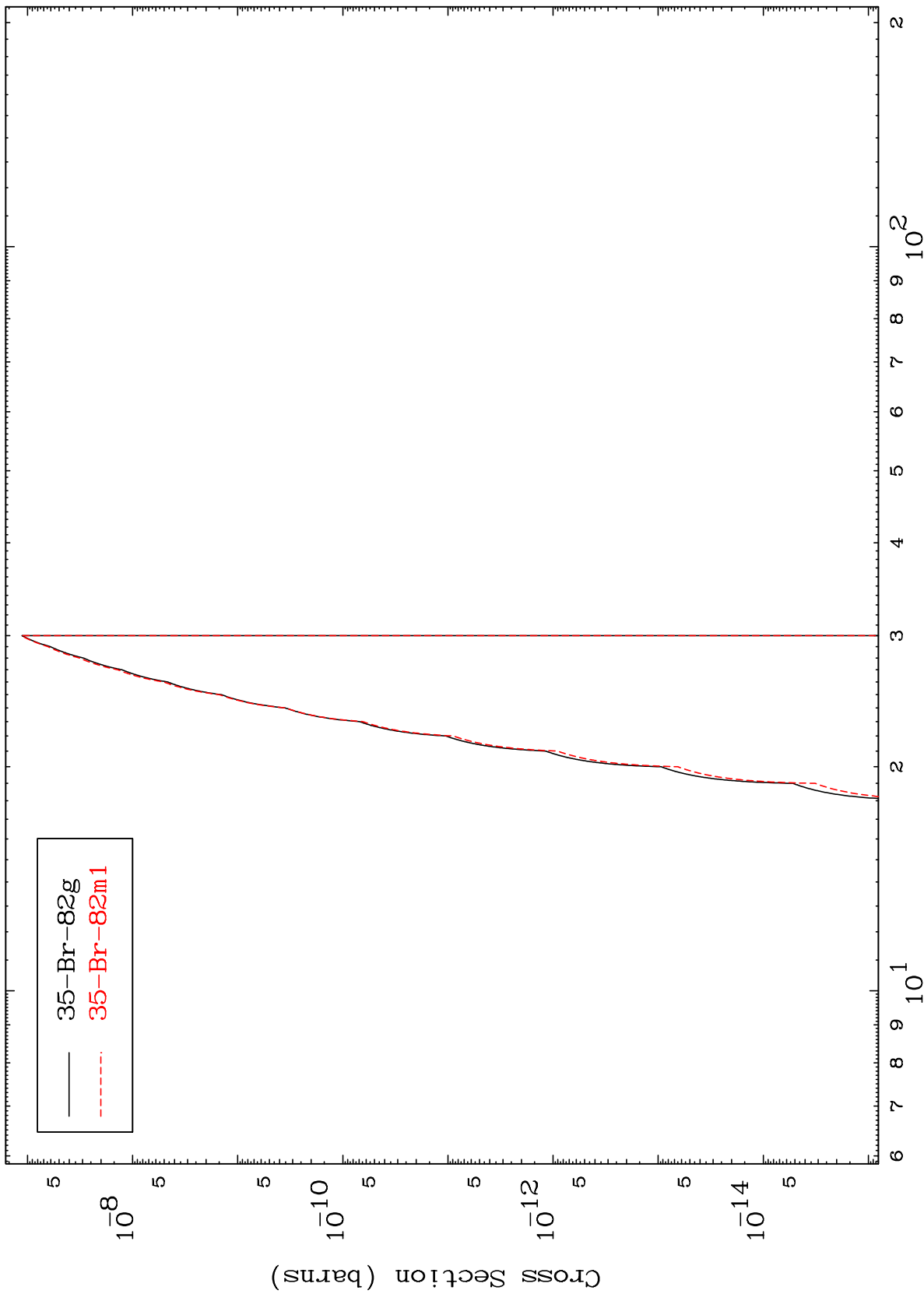
Radionuclide Production Cross Section



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39-Y -89m

Radionuclide Production Cross Section



— 35-Br-82g  
- - - 35-Br-82m1

Incident Energy (MeV)

39-Y -89m

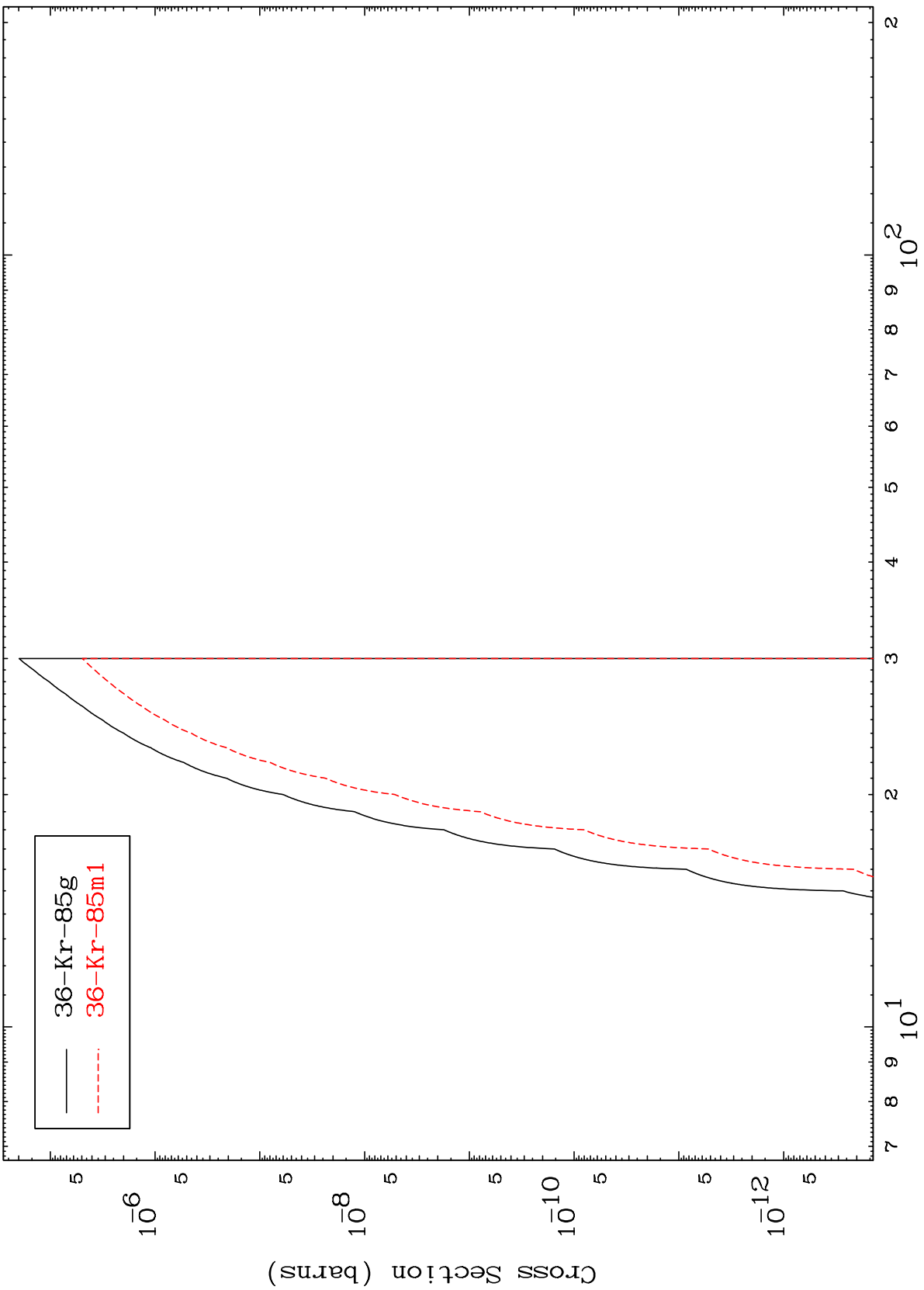
28

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(n,p)  $\alpha$

39-Y -89m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

39-Y -89m

Radionuclide Production Cross Section

