

Program EVALPLOT
(Version 2018-1)

by

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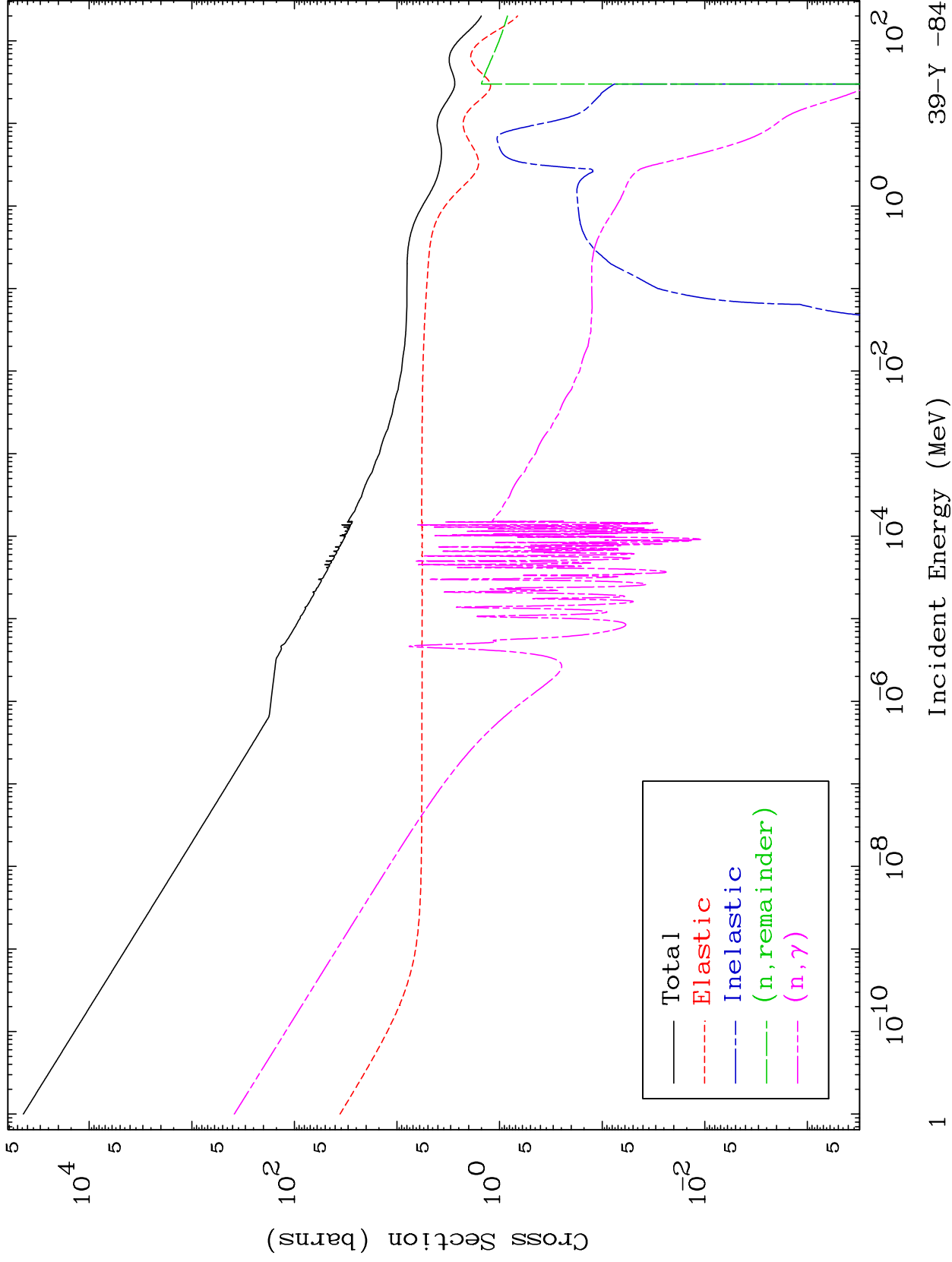
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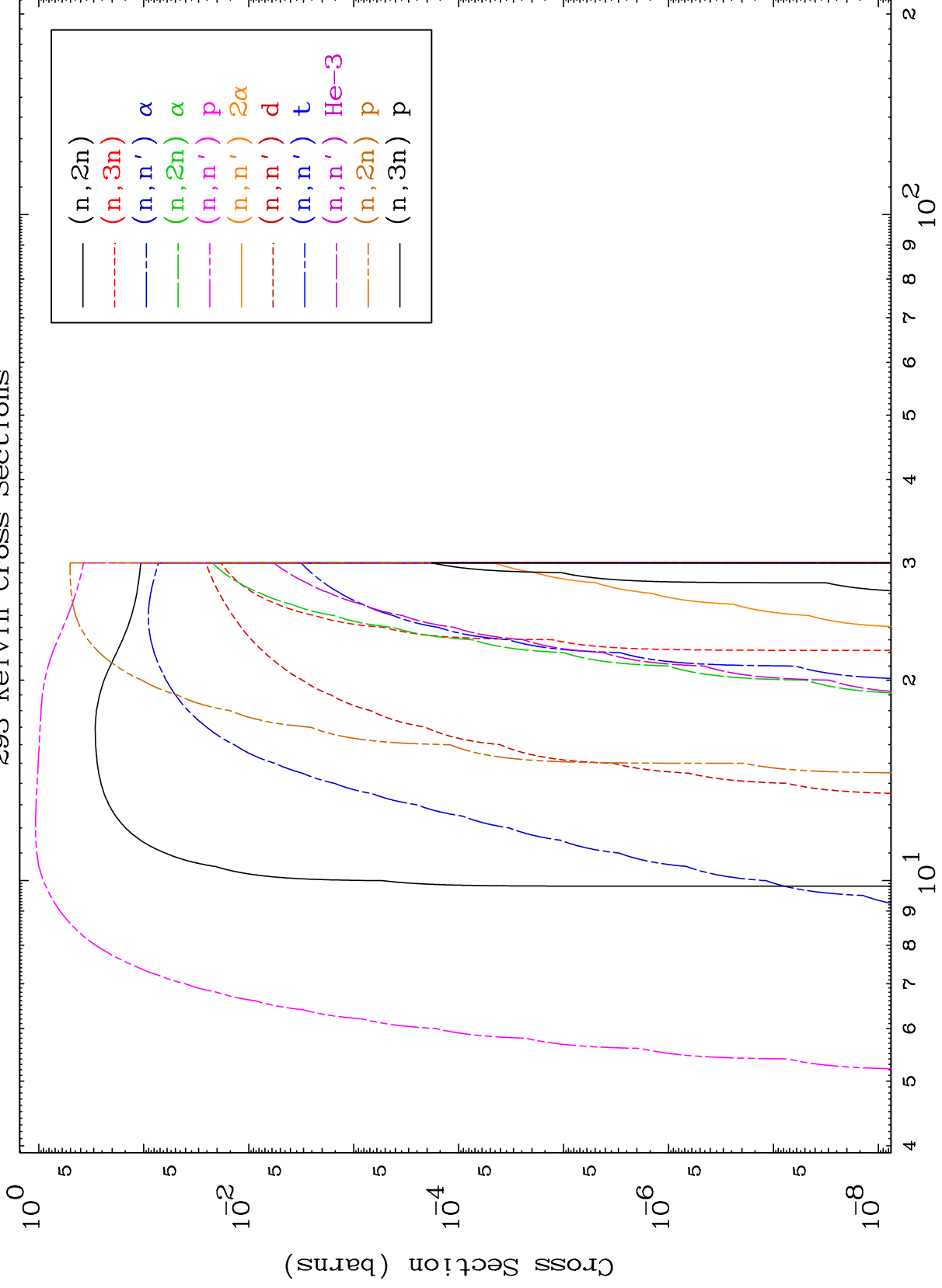
Press Mouse Button to Start

MAT 3911

Major
293 Kelvin Cross Sections

39-Y -84

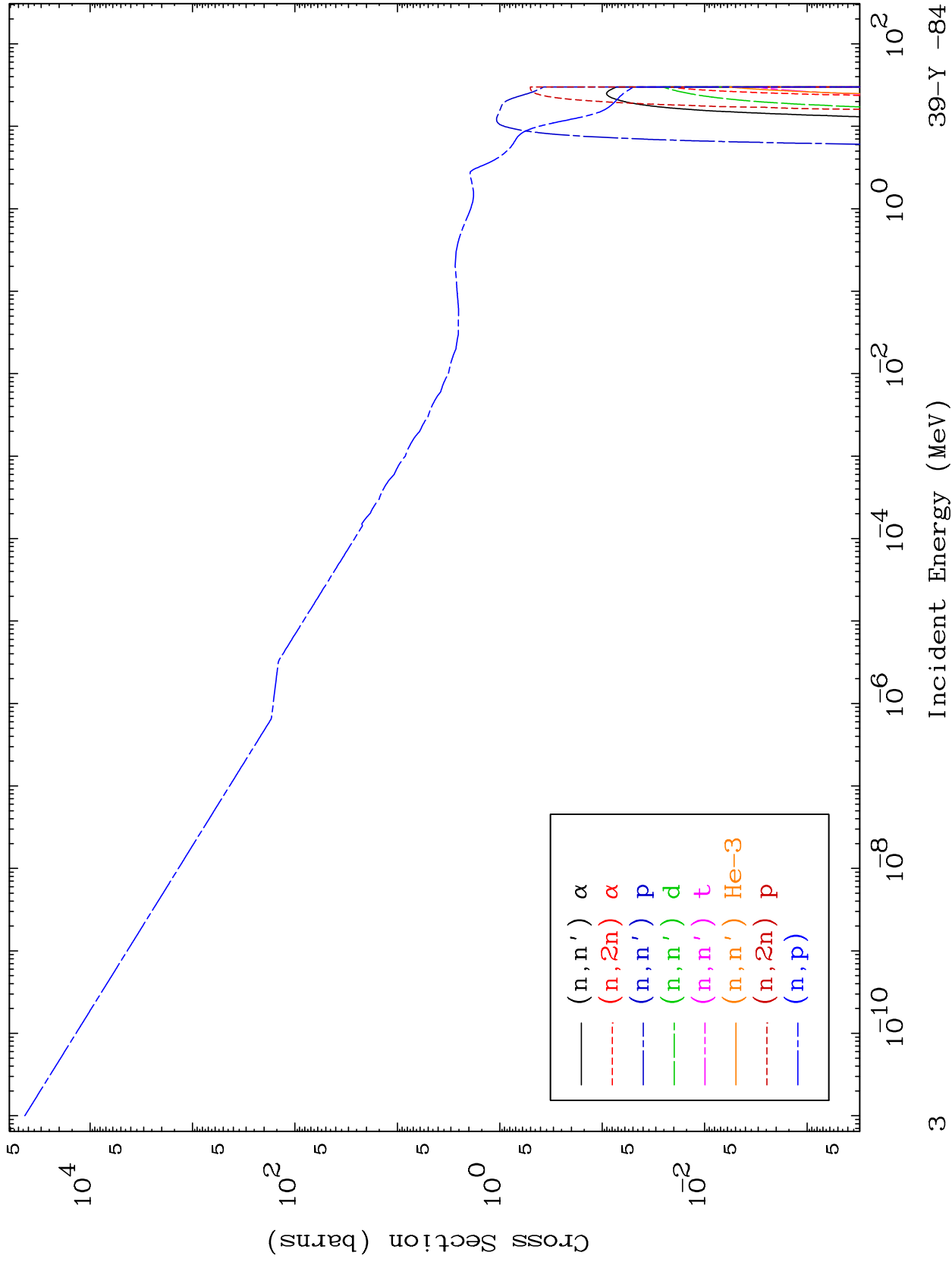




MAT 3911

Charged Particle
293 Kelvin Cross Sections

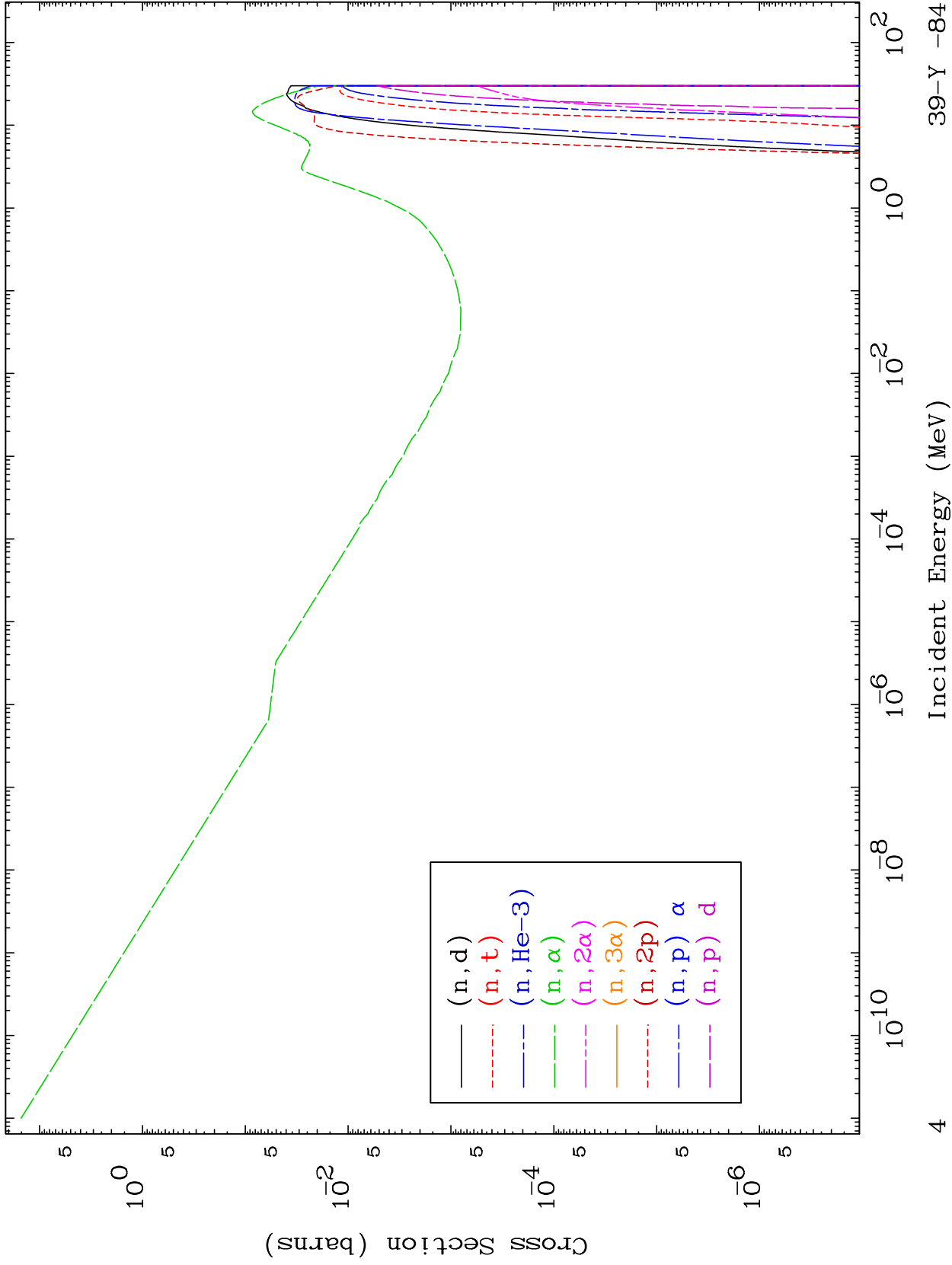
39-Y -84

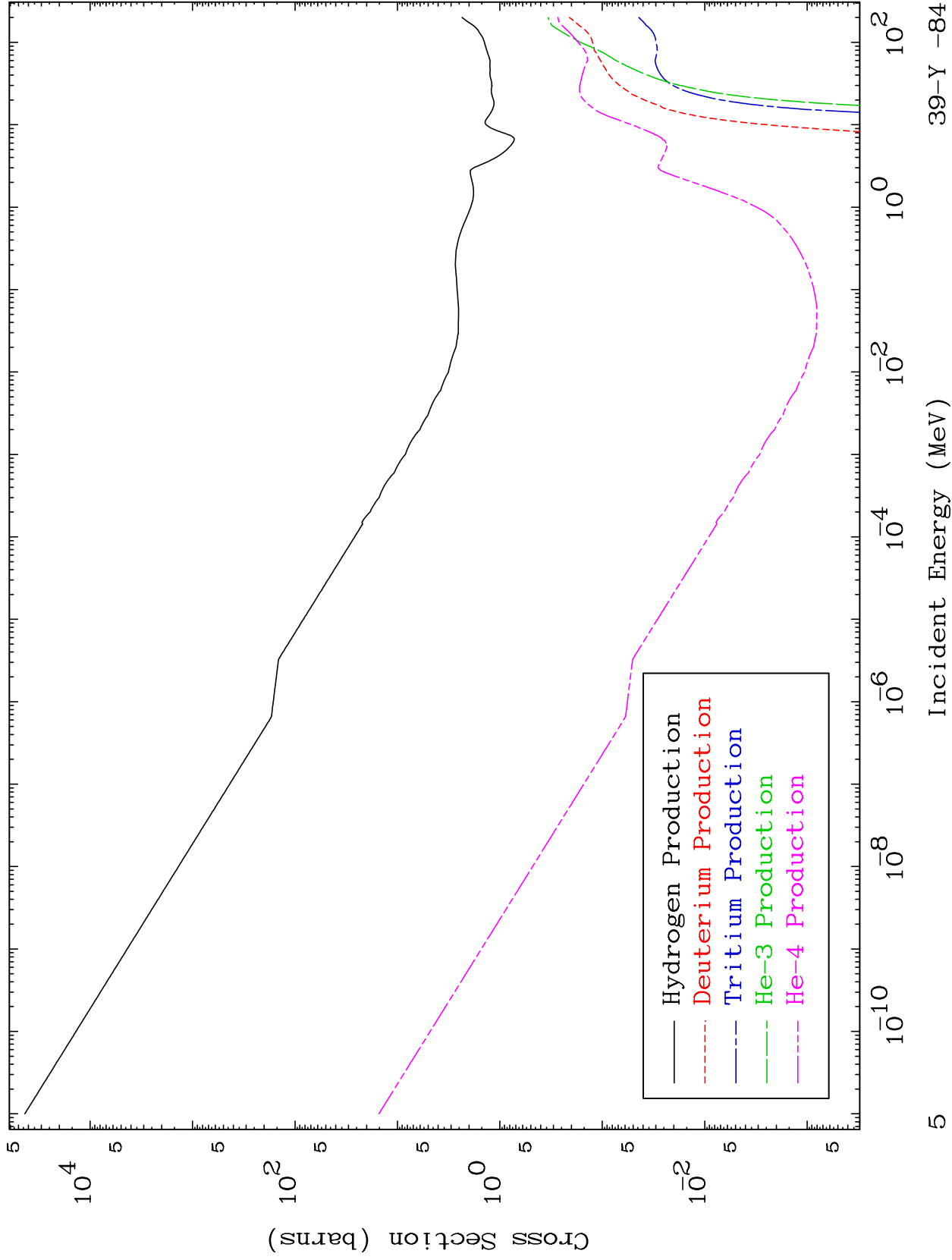


MAT 3911

Charged Particle
293 Kelvin Cross Sections

39-Y -84

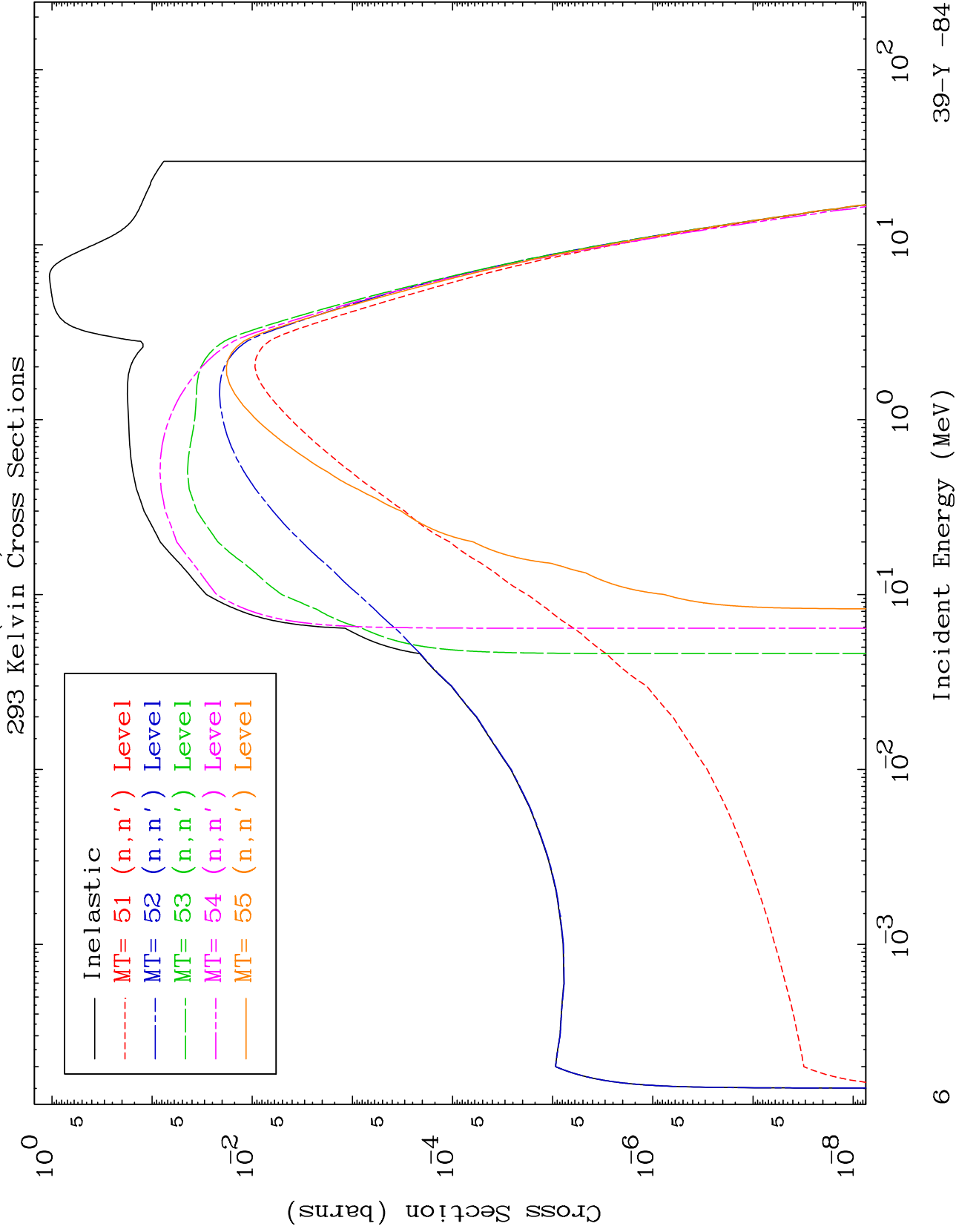




MAT 3911

(n,n') Level

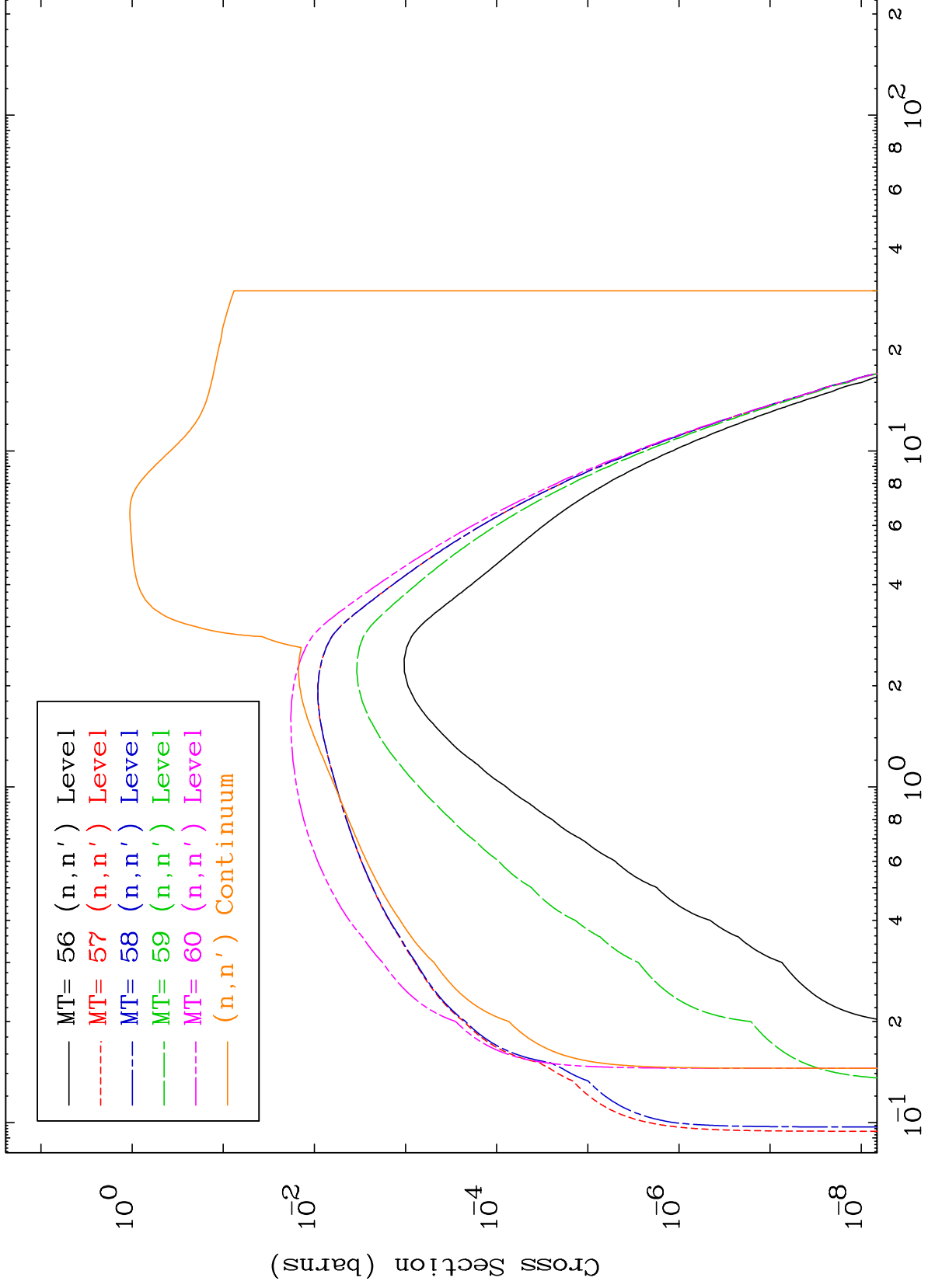
39-Y -84



MAT 3911

(n,n') Level
293 Kelvin Cross Sections

39-Y -84



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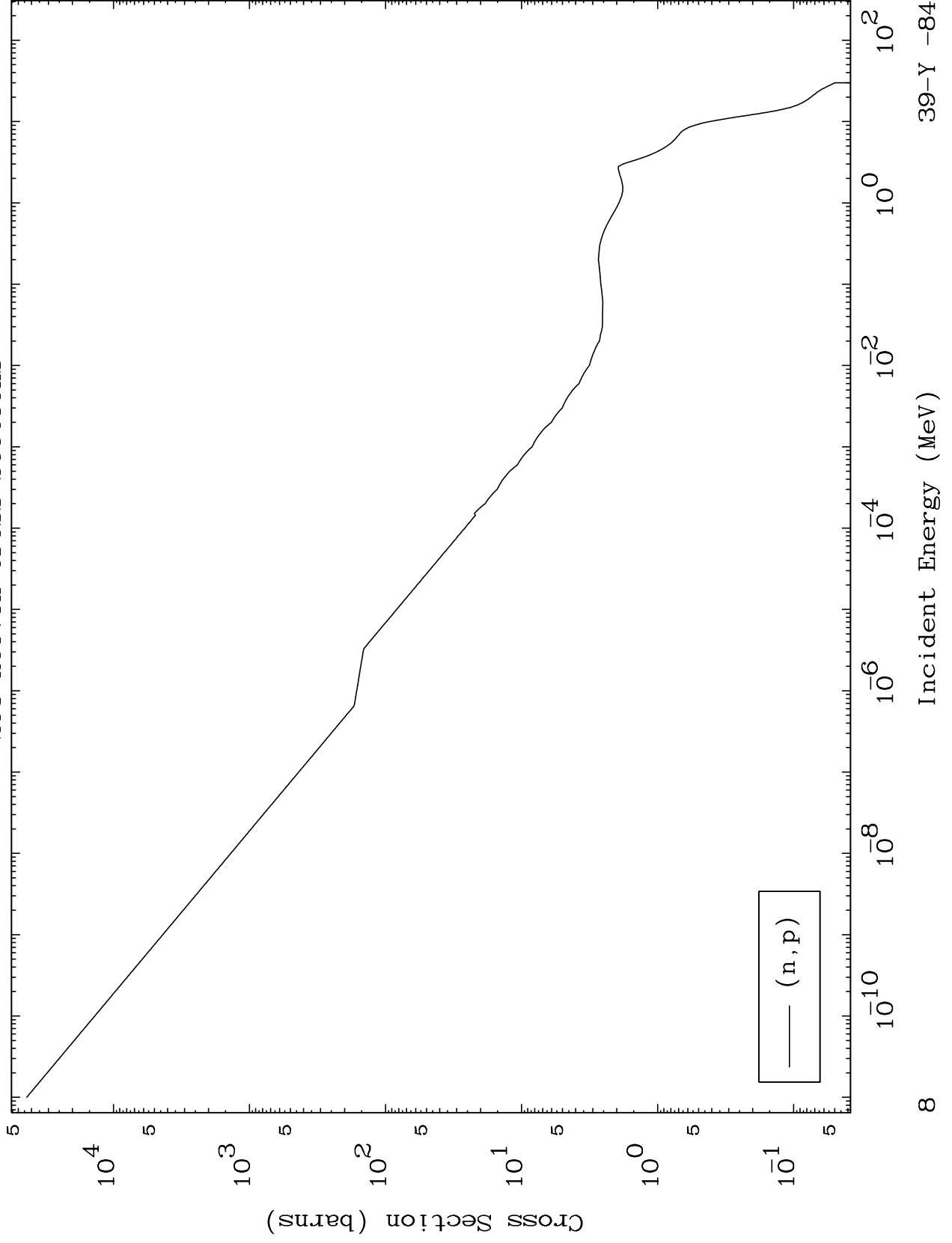
Incident Energy (MeV)

39-Y -84

MAT 3911

(n,p) Levels
293 Kelvin Cross Sections

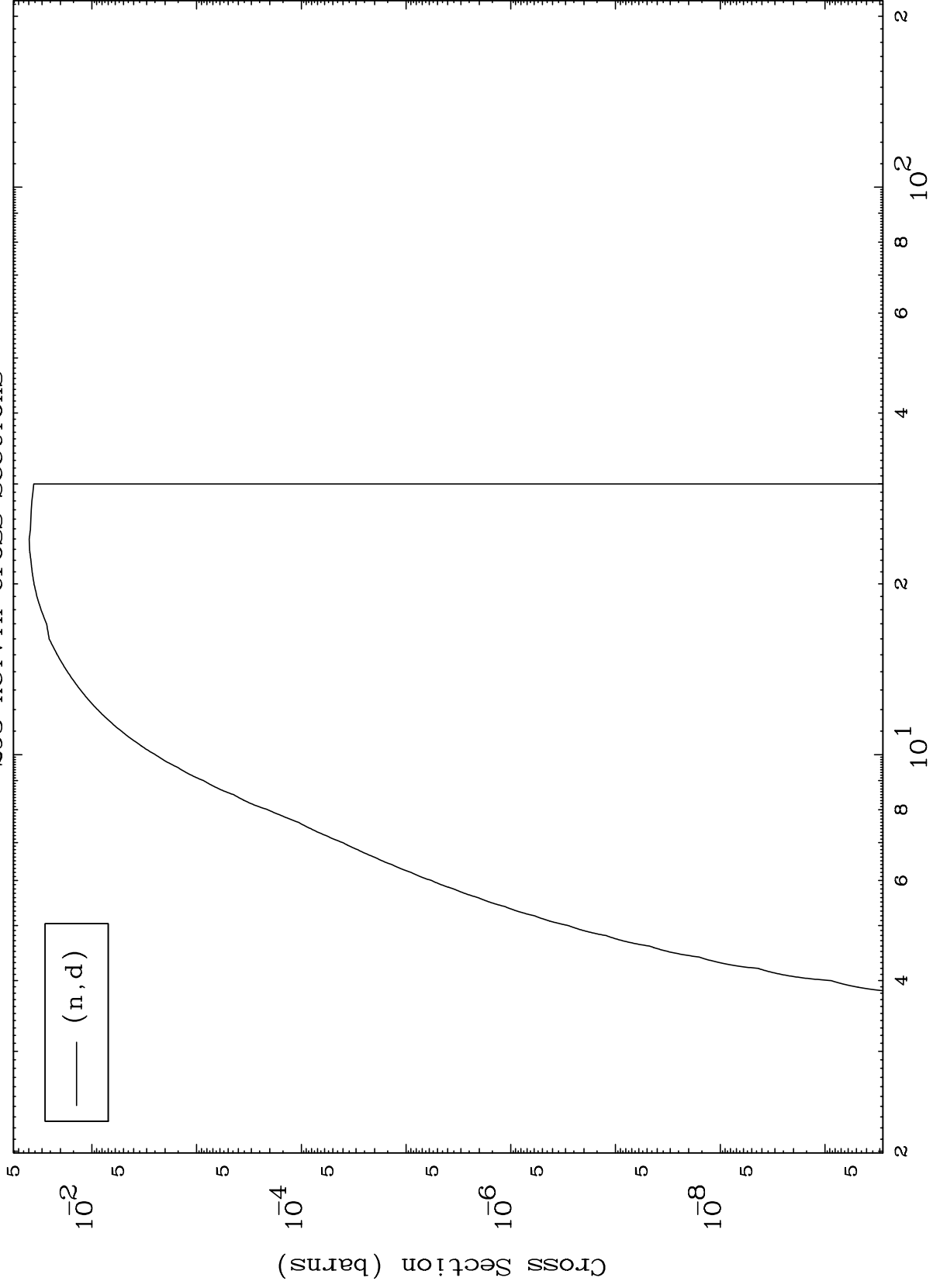
39-Y -84



MAT 3911

(n,d) Levels
293 Kelvin Cross Sections

39-Y -84



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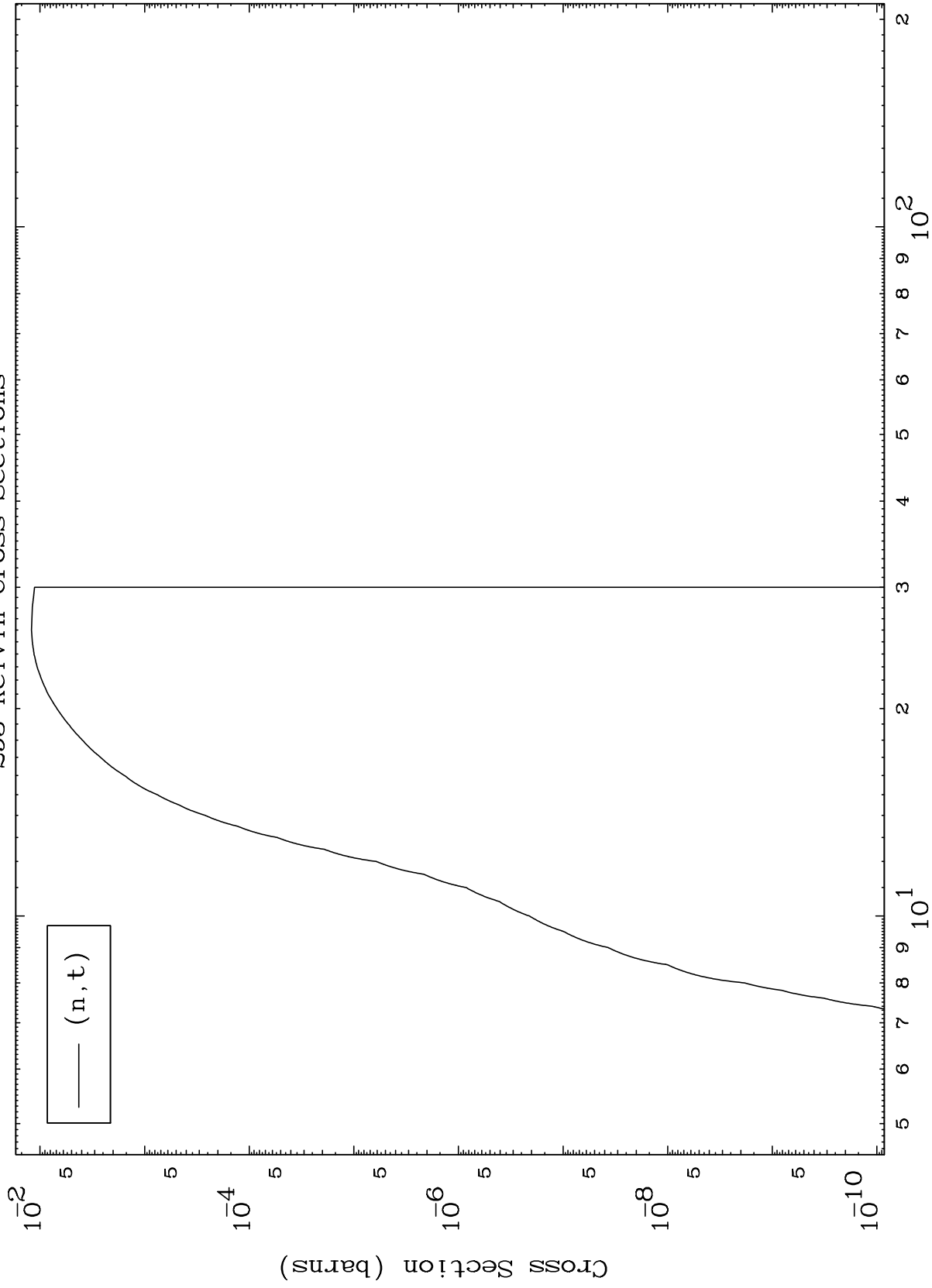
Incident Energy (MeV)

39-Y -84

MAT 3911

(n,t) Levels
293 Kelvin Cross Sections

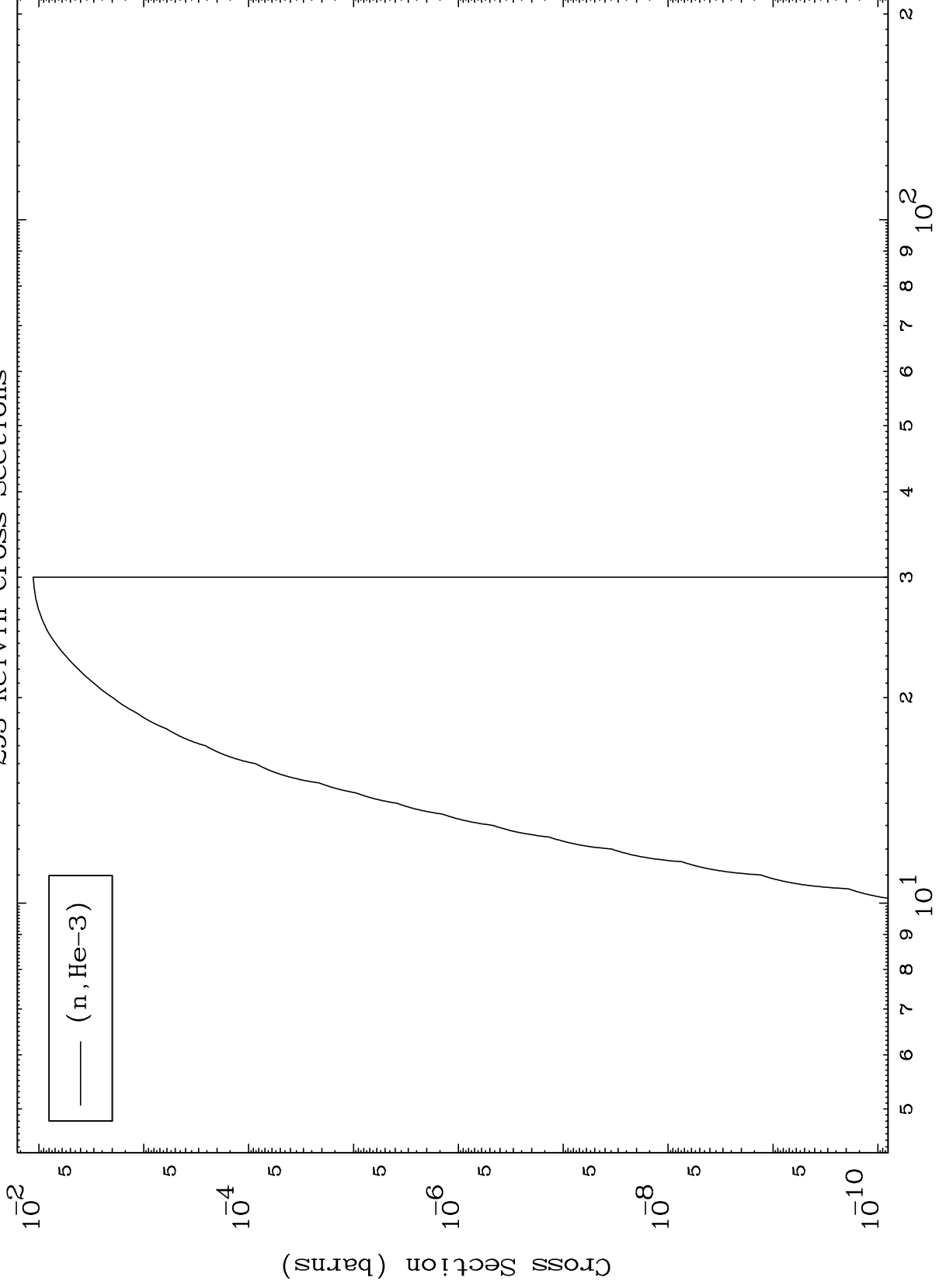
39-Y -84



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Incident Energy (MeV)

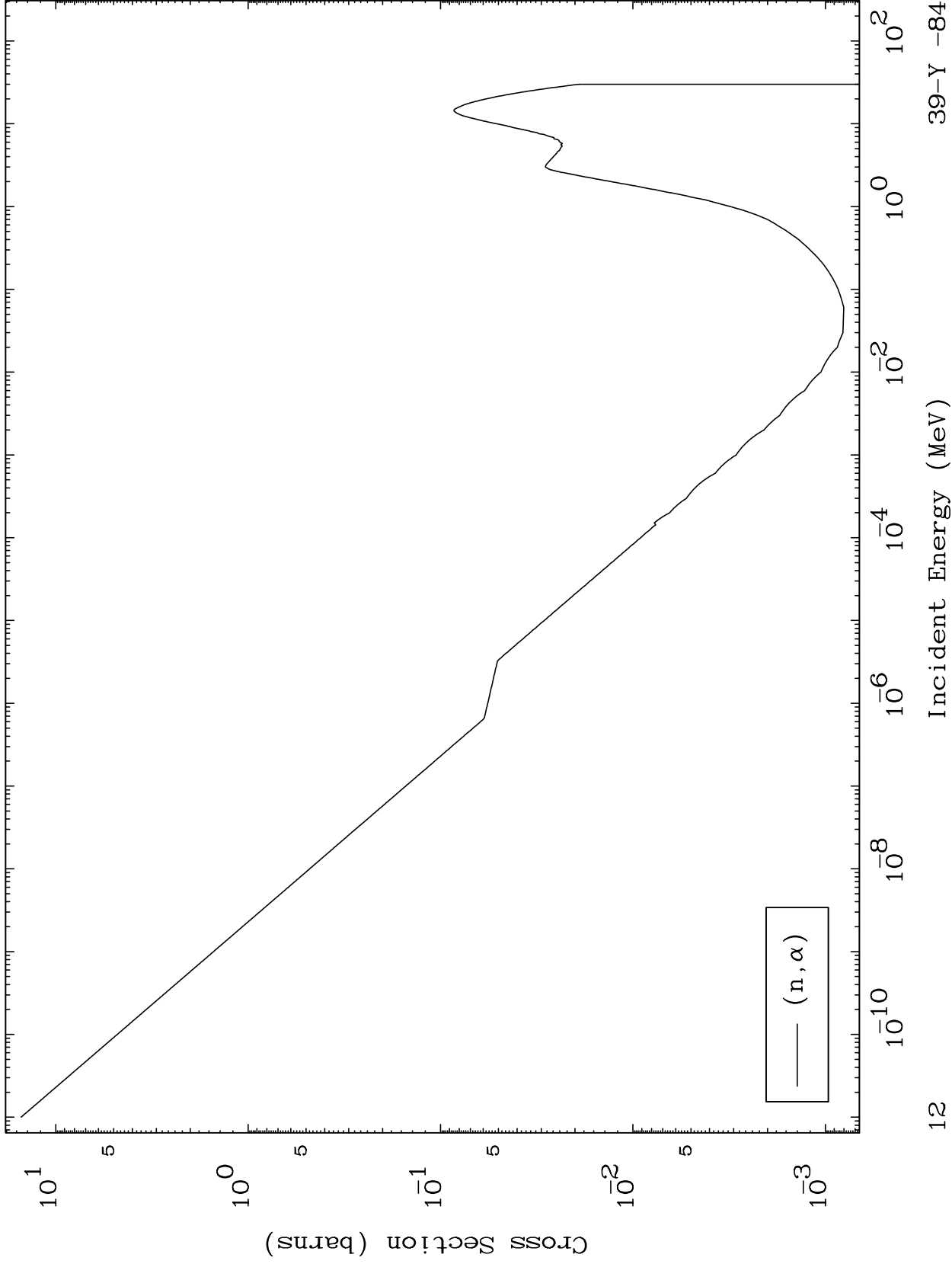
39-Y -84



MAT 3911

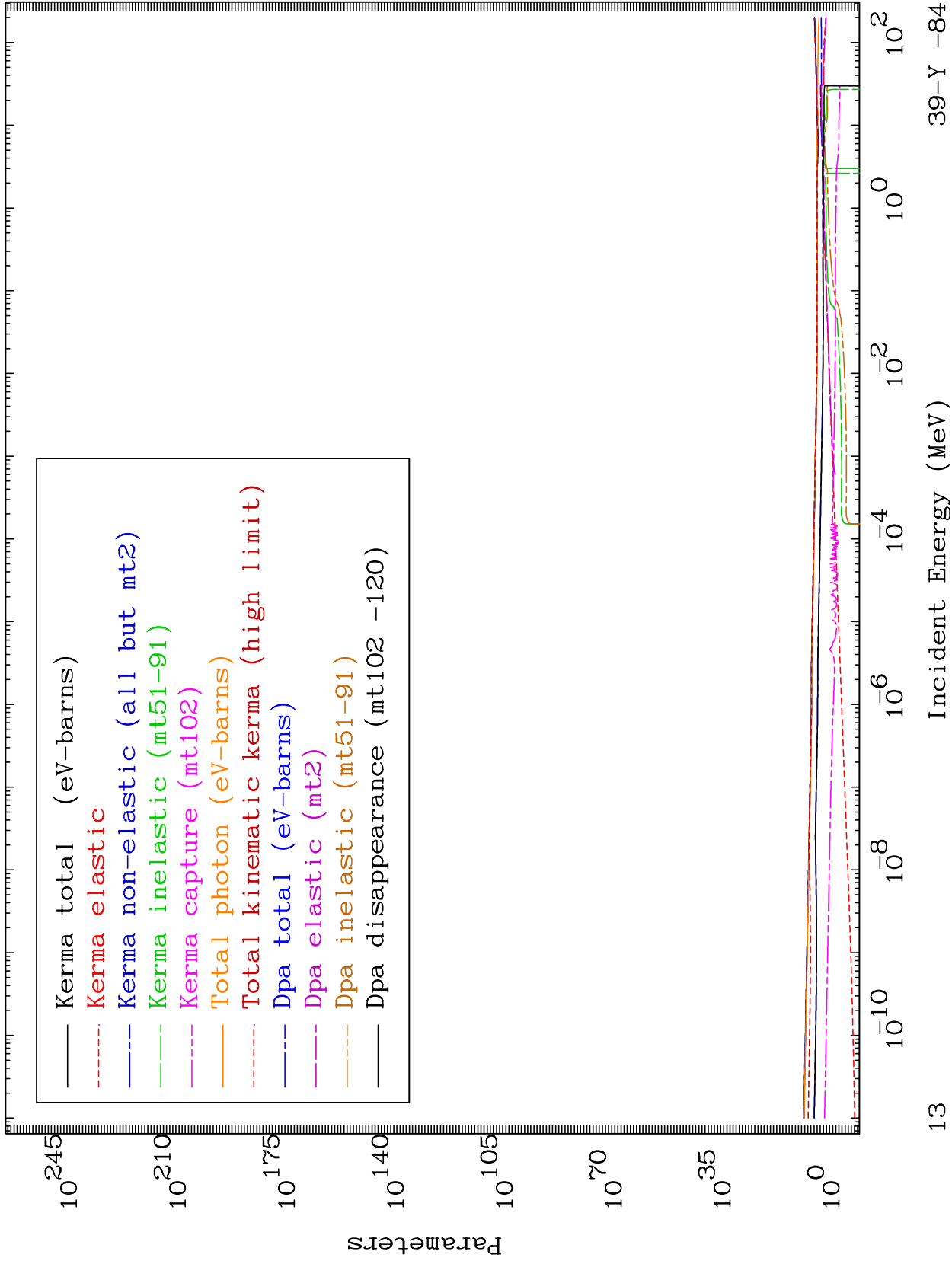
(n,α) Levels
293 Kelvin Cross Sections

39-Y -84



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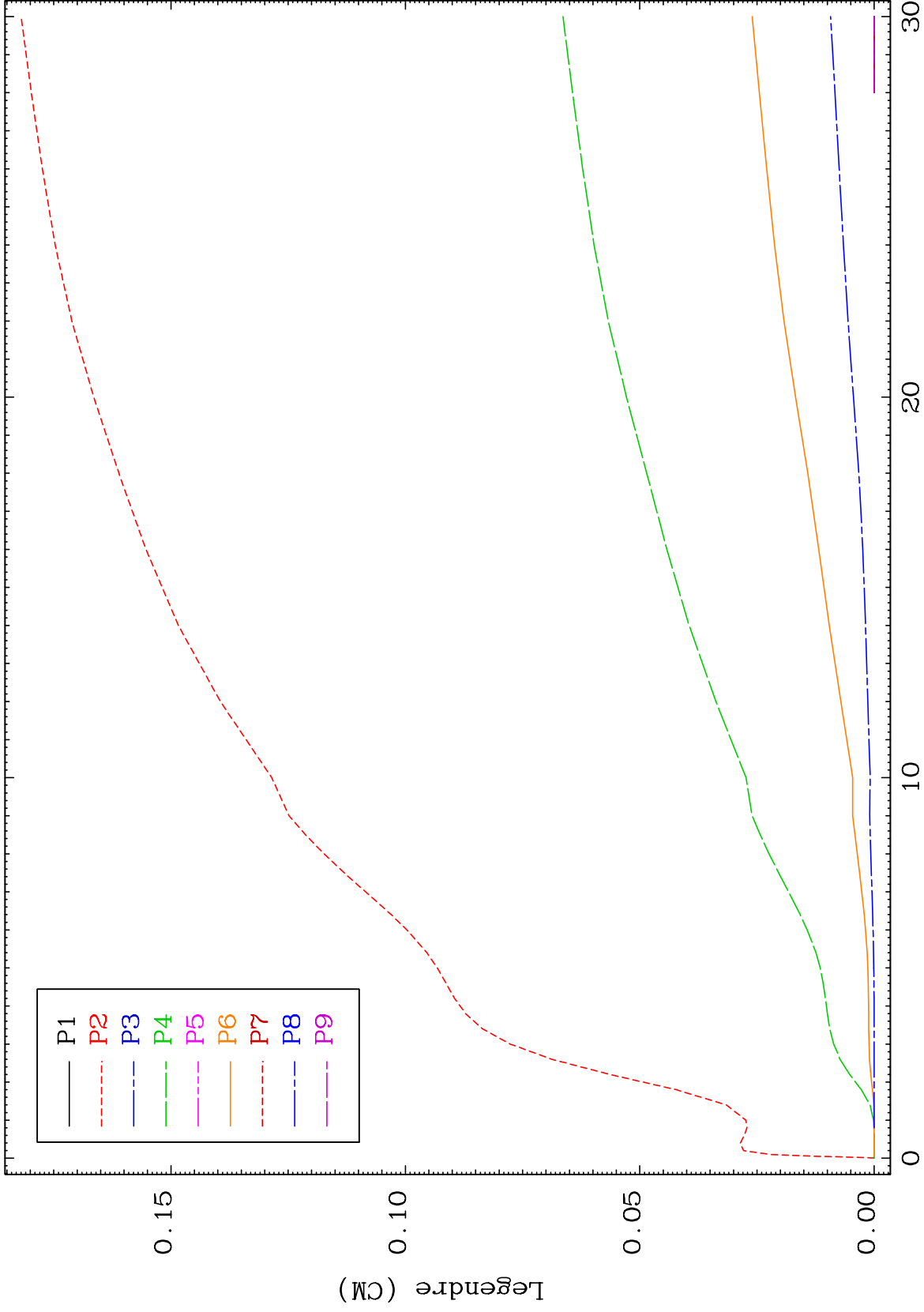
39-Y -84



MAT 3911

Elastic Legendre Coefficients

39-Y -84



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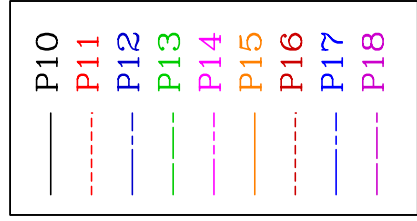
Incident Energy (MeV)

39-Y -84

MAT 3911

Elastic Legendre Coefficients

39-Y -84



$\times 10^{-3}$
2.5
2.0

Legendre (CM)

1.5

1.0

0.5

0.0

5

10

15

20

25

30

15

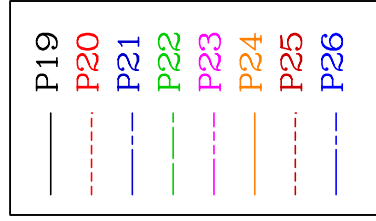
Incident Energy (MeV)

39-Y -84

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Elastic
Legendre Coefficients

39-Y -84



$\times 10^{-75}$

Legendre (CM)

4

3

2

1

0

15

20

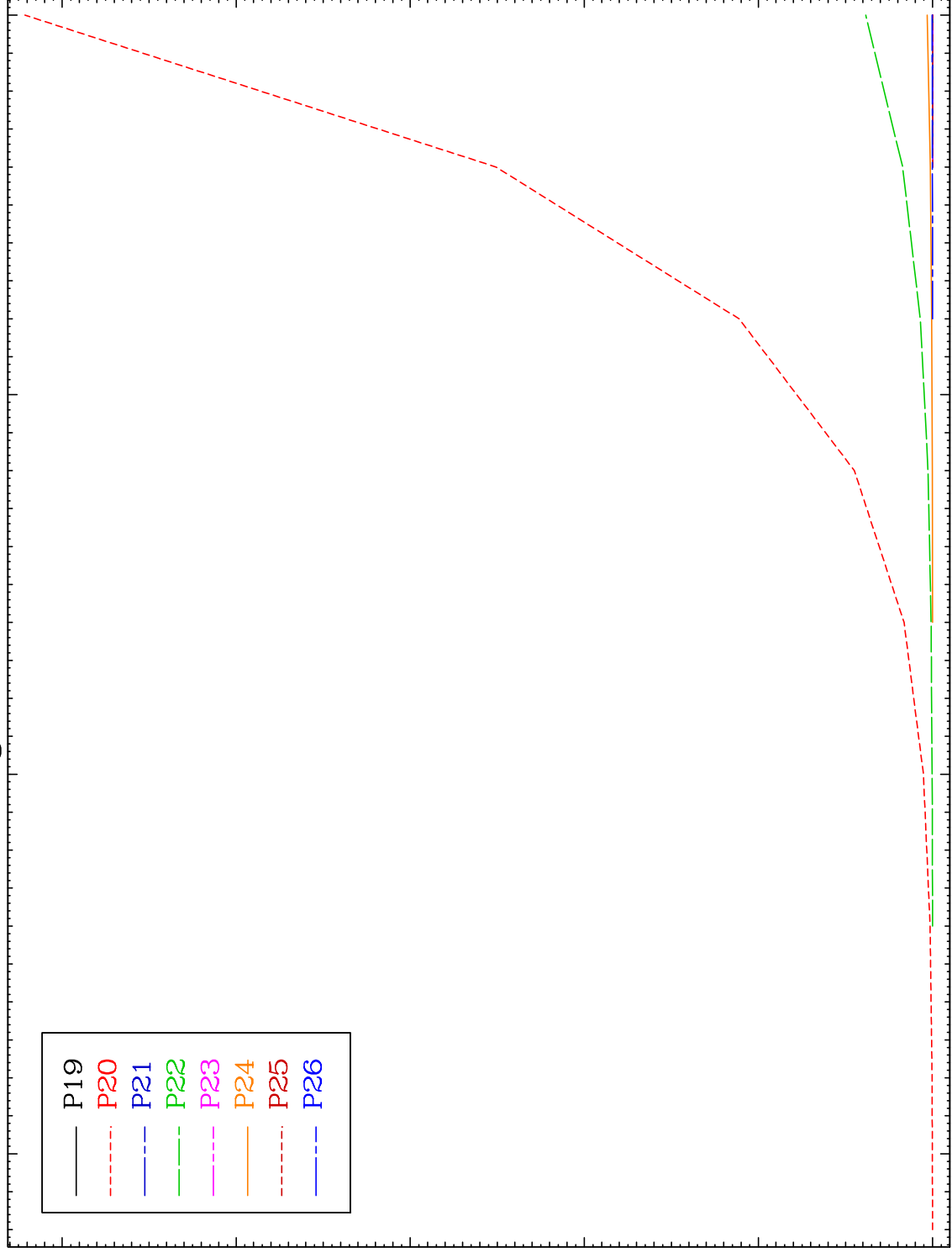
25

30

16

Incident Energy (MeV)

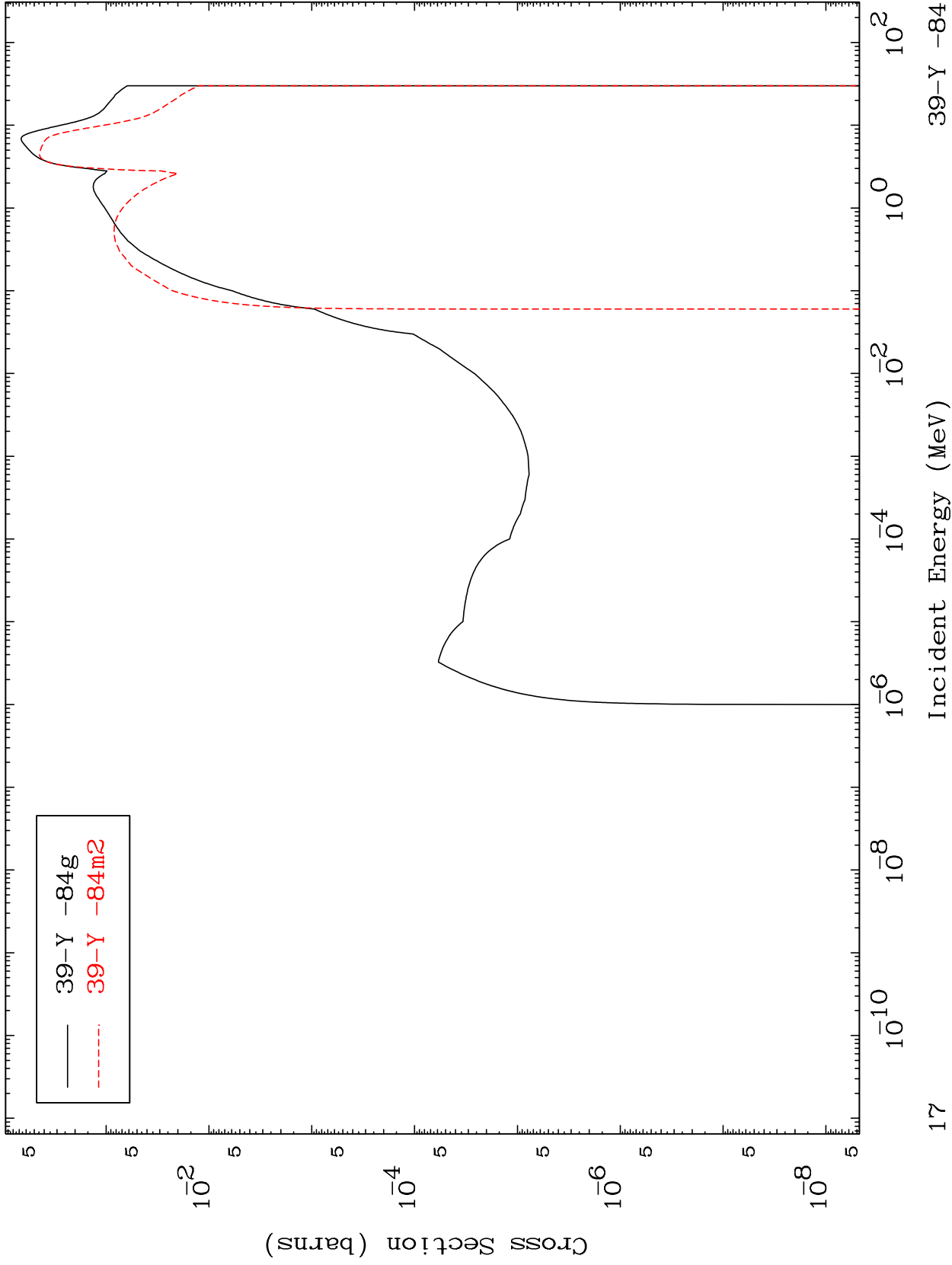
39-Y -84



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Inelastic
Radionuclide Production Cross Section

39-Y -84

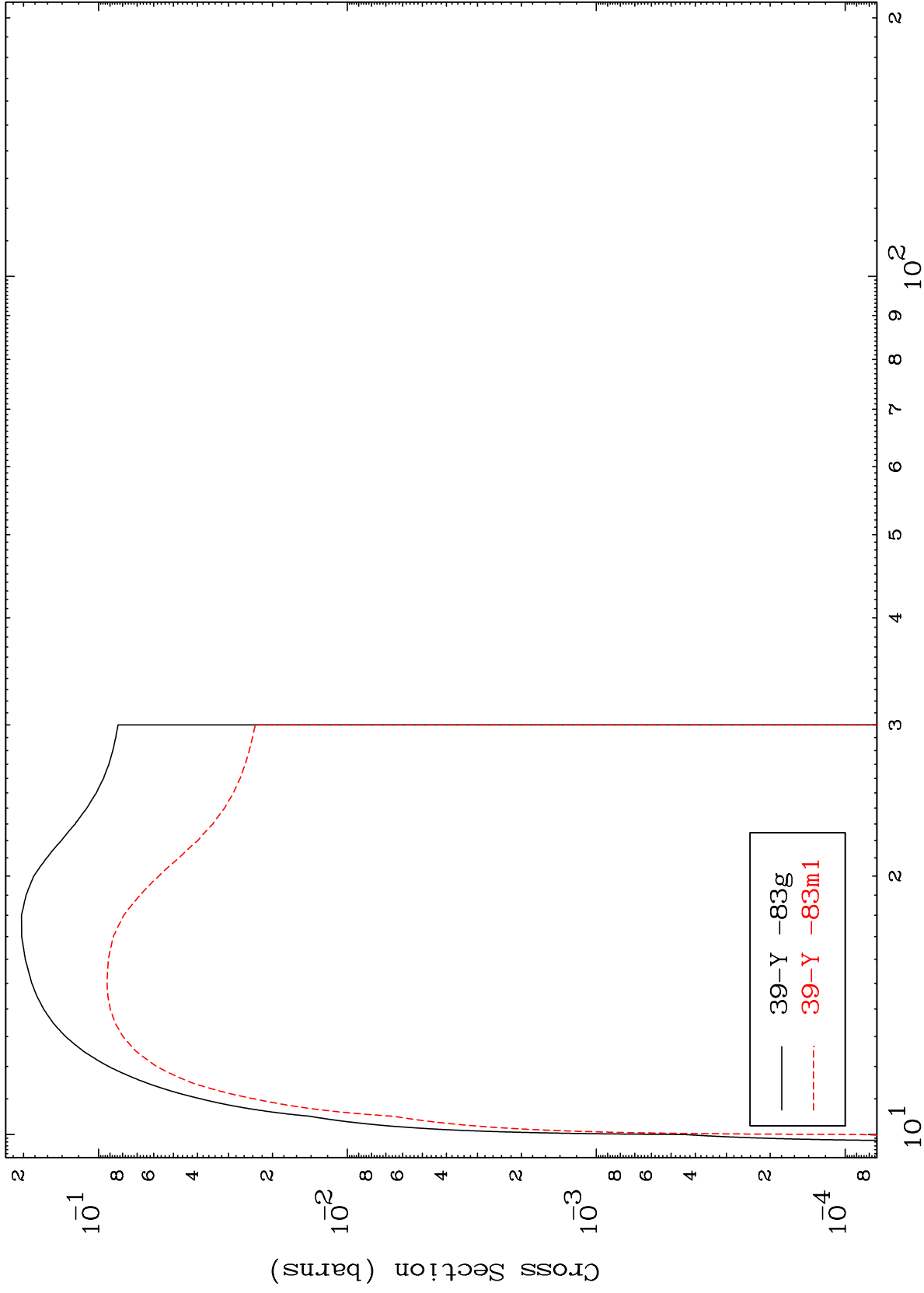


MAT 3911

(n,2n)

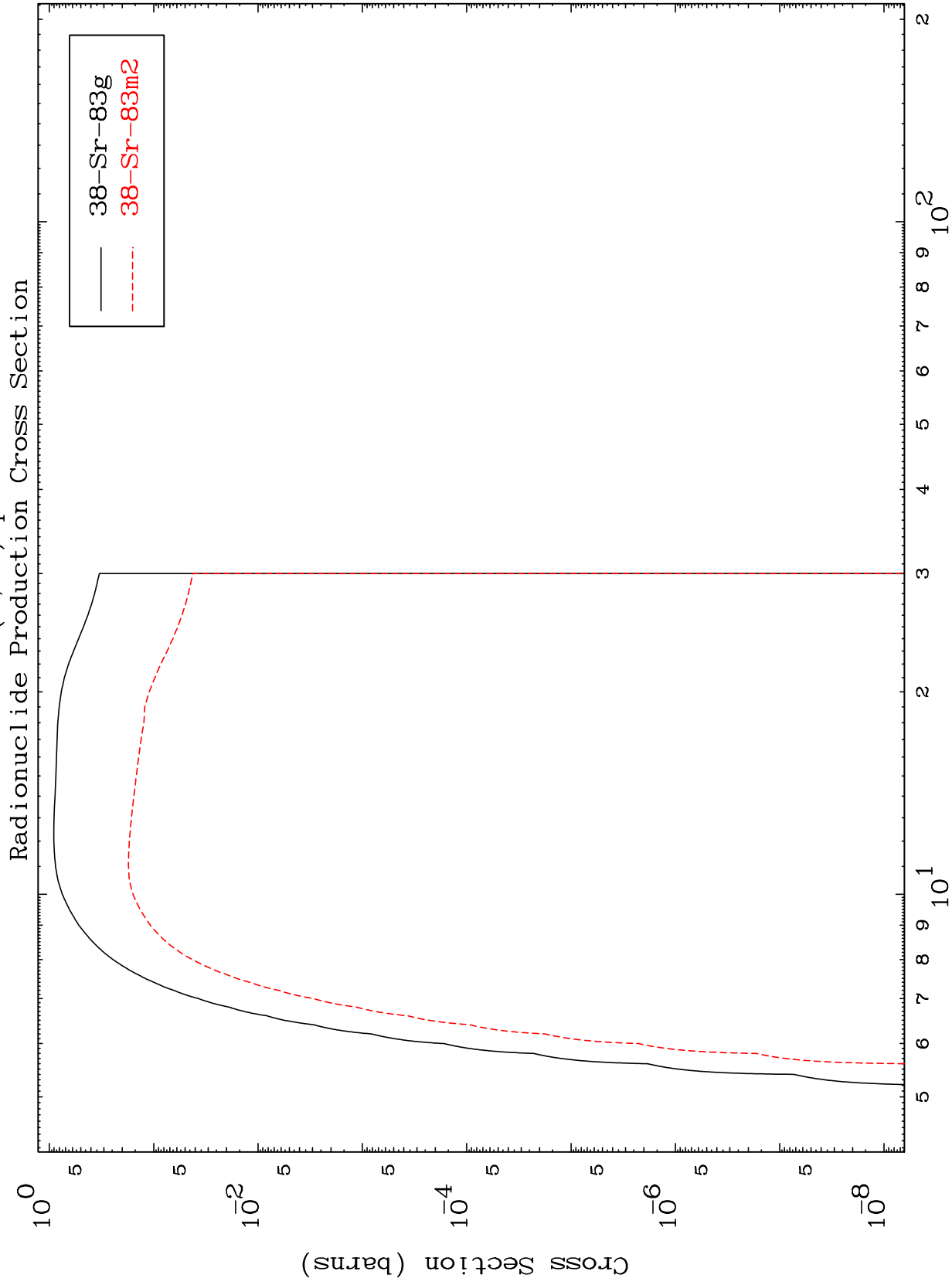
39-Y -84

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -84

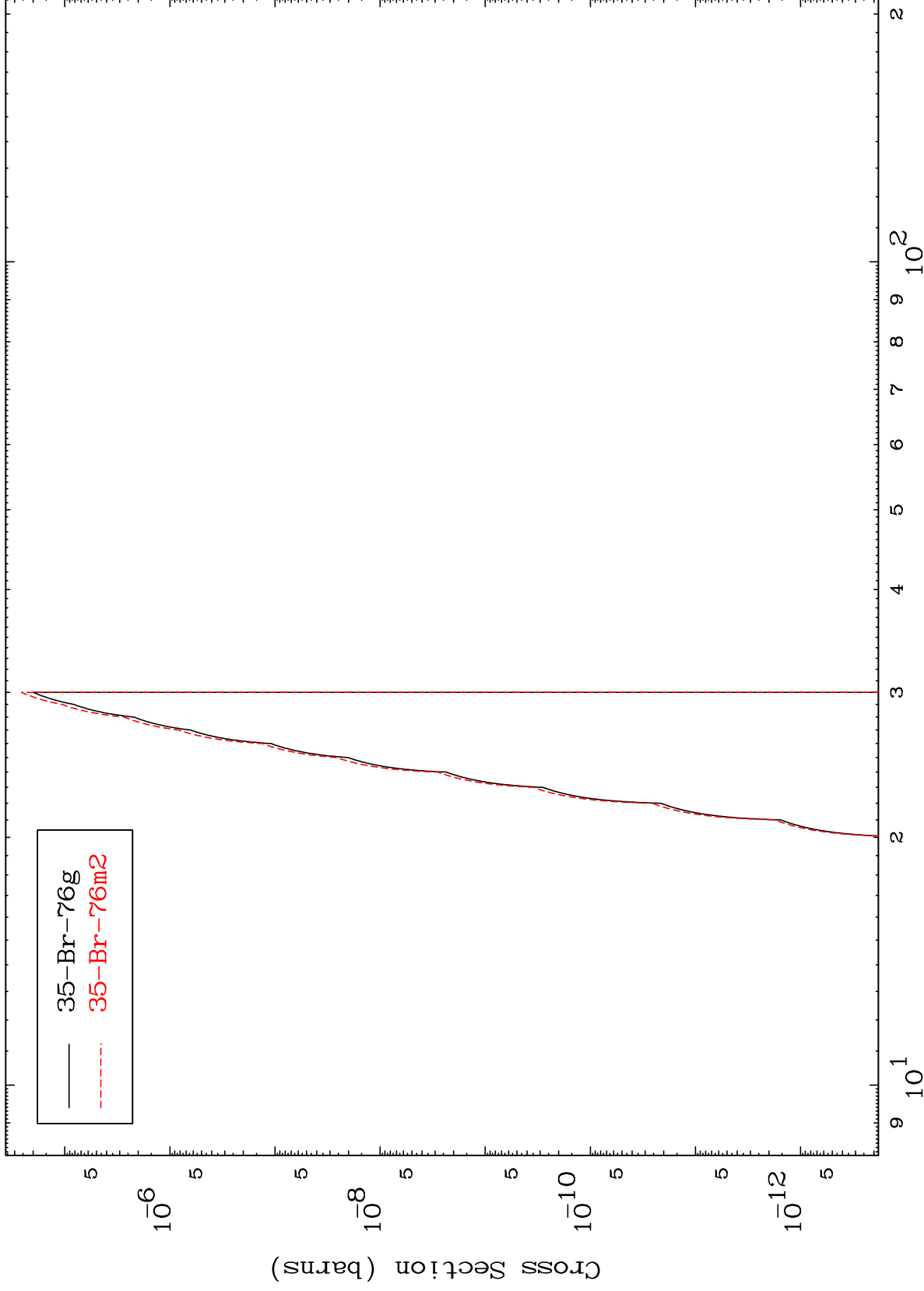


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(n,n') 2α

39-Y -84

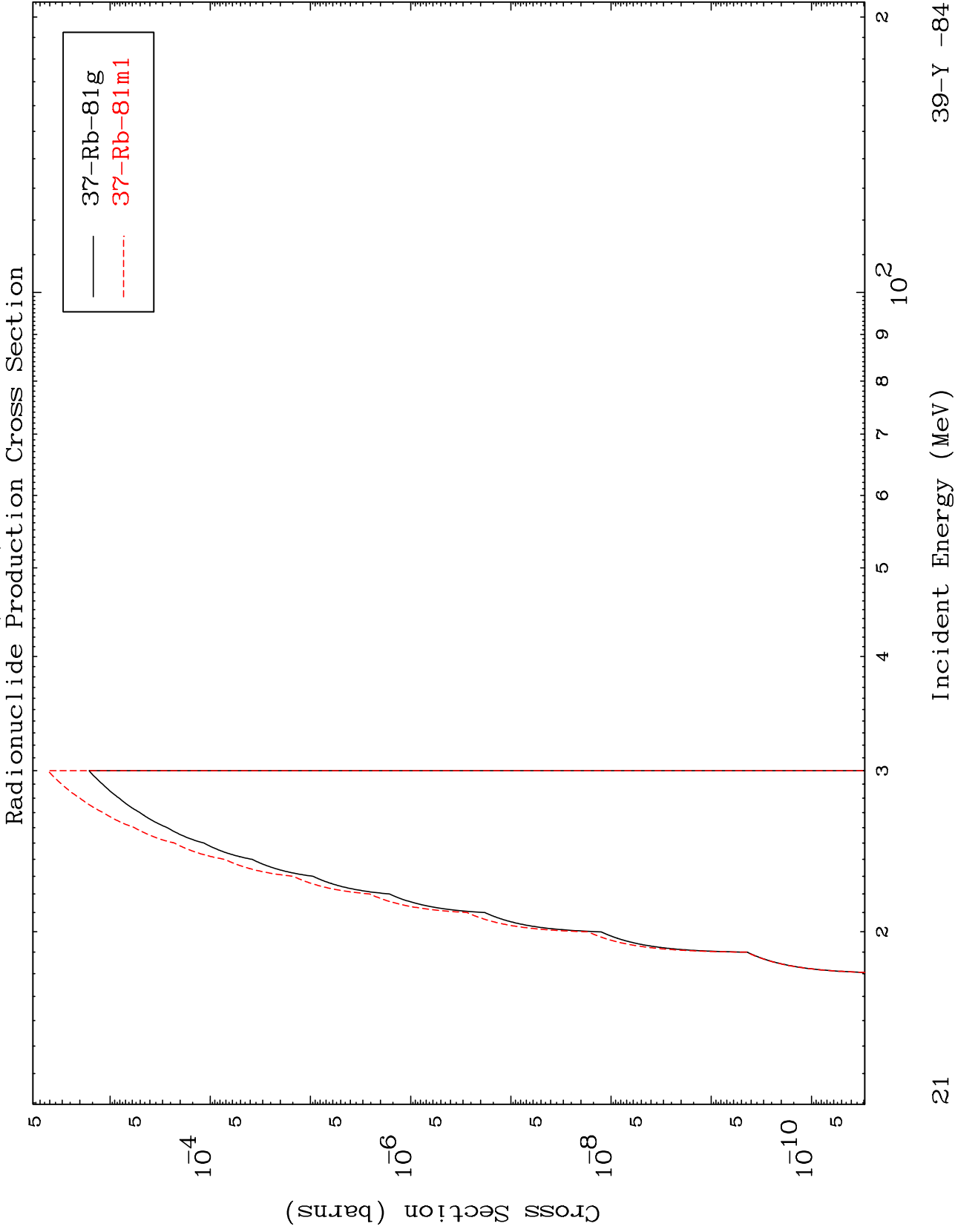
Radionuclide Production Cross Section



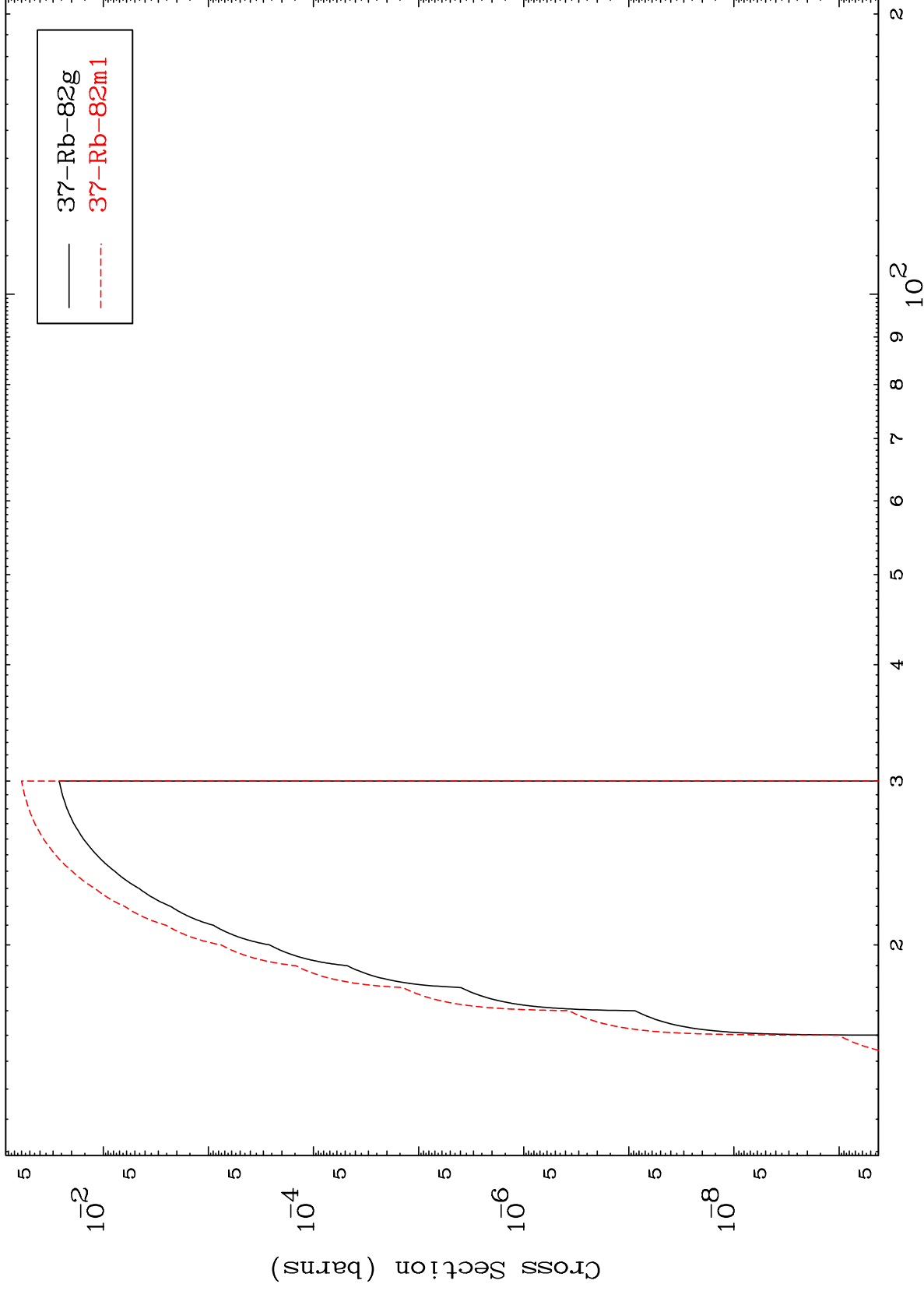
20

Incident Energy (MeV)

39-Y -84



Radionuclide Production Cross Section

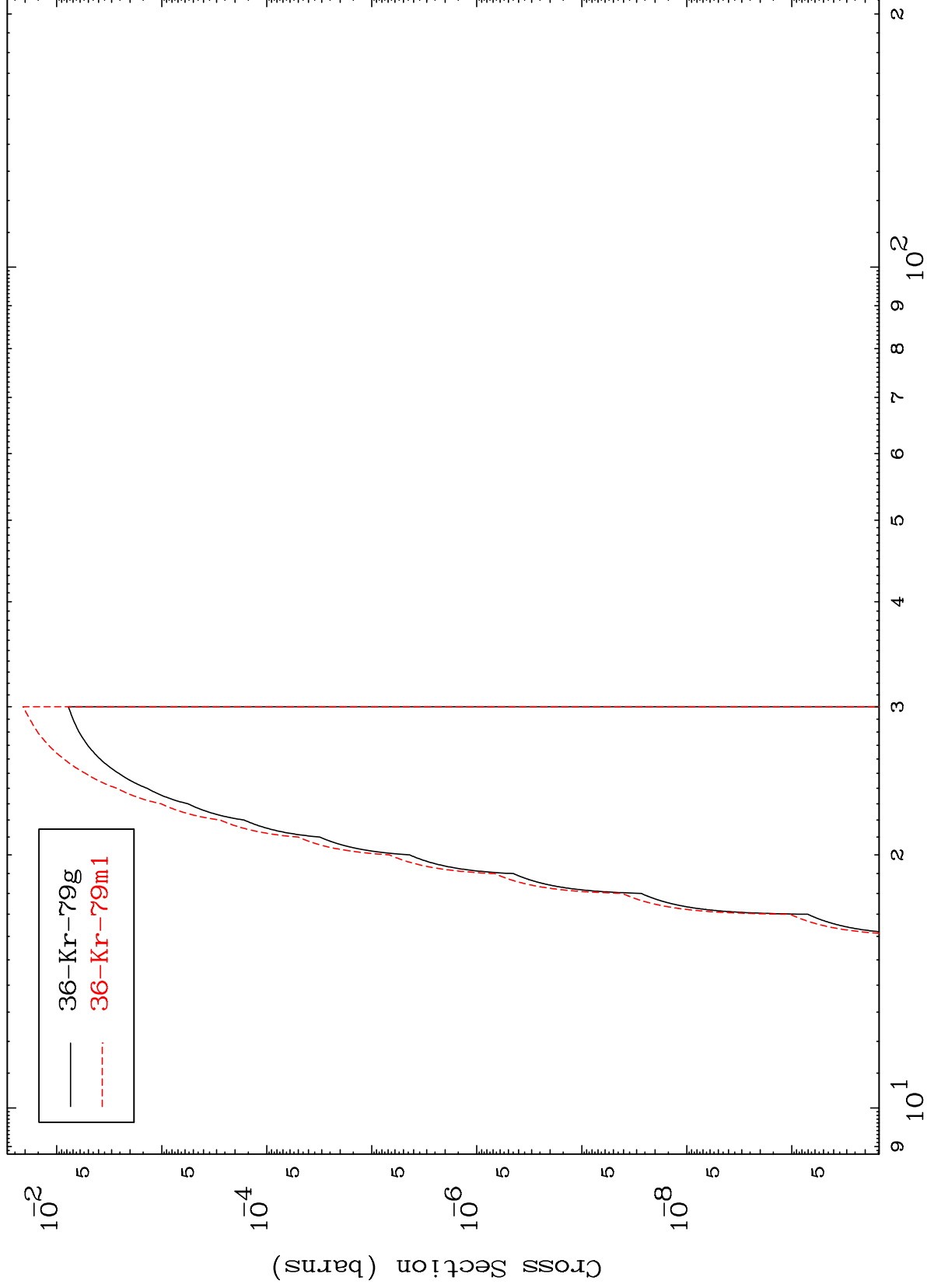


MAT 3911

(n,n') p α

39-Y -84

Radionuclide Production Cross Section



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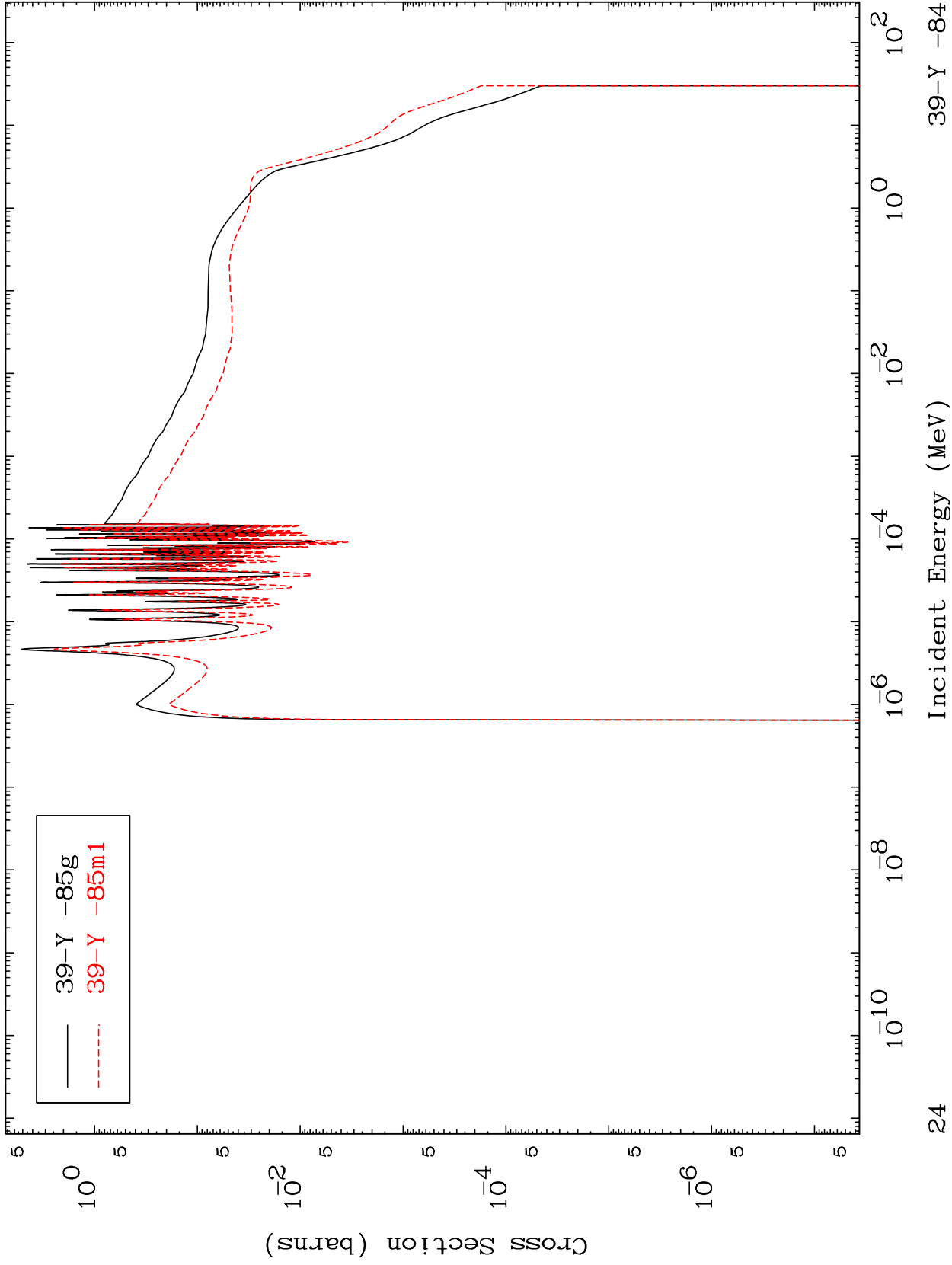
Incident Energy (MeV)

39-Y -84

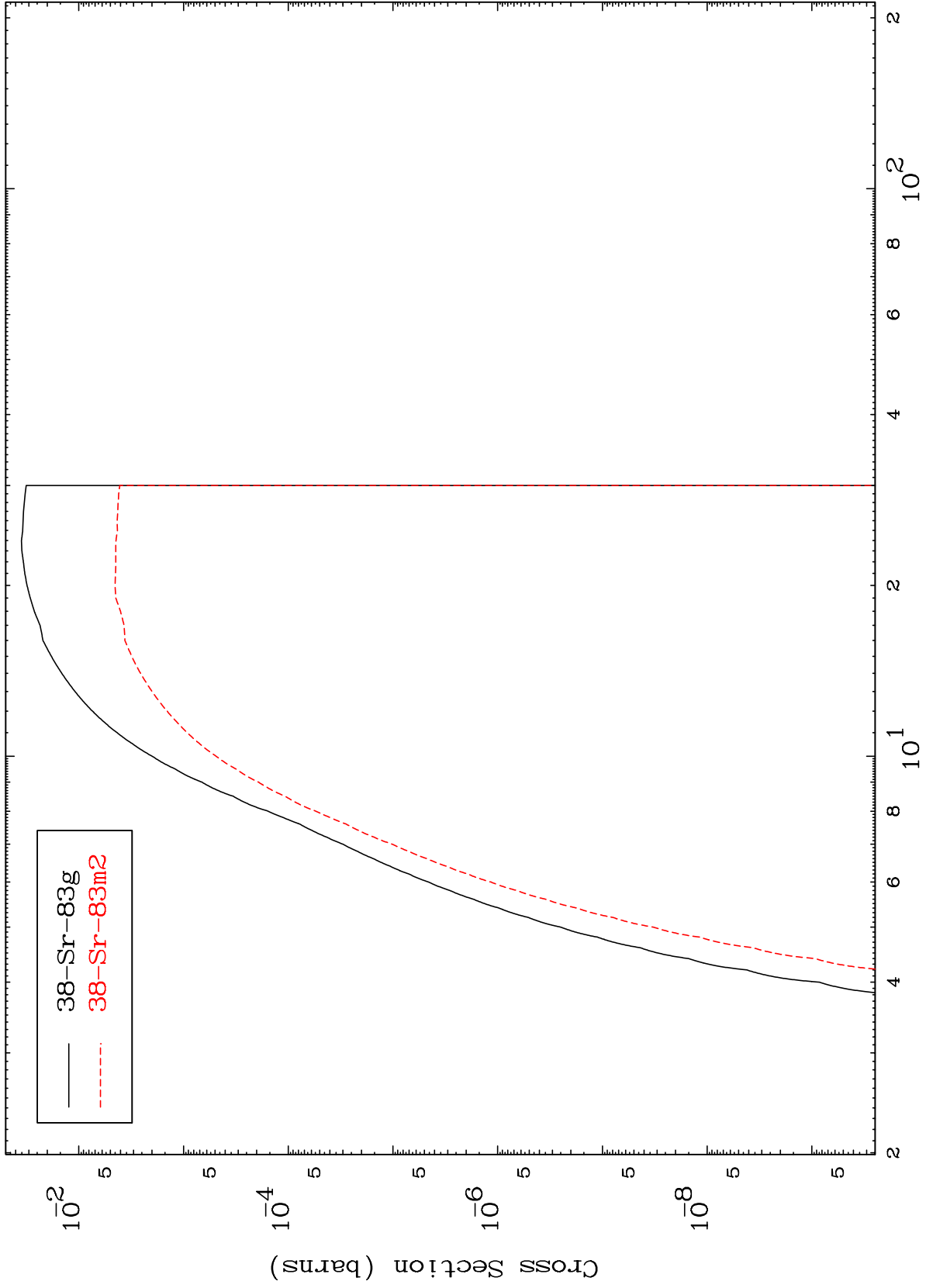
MAT 3911

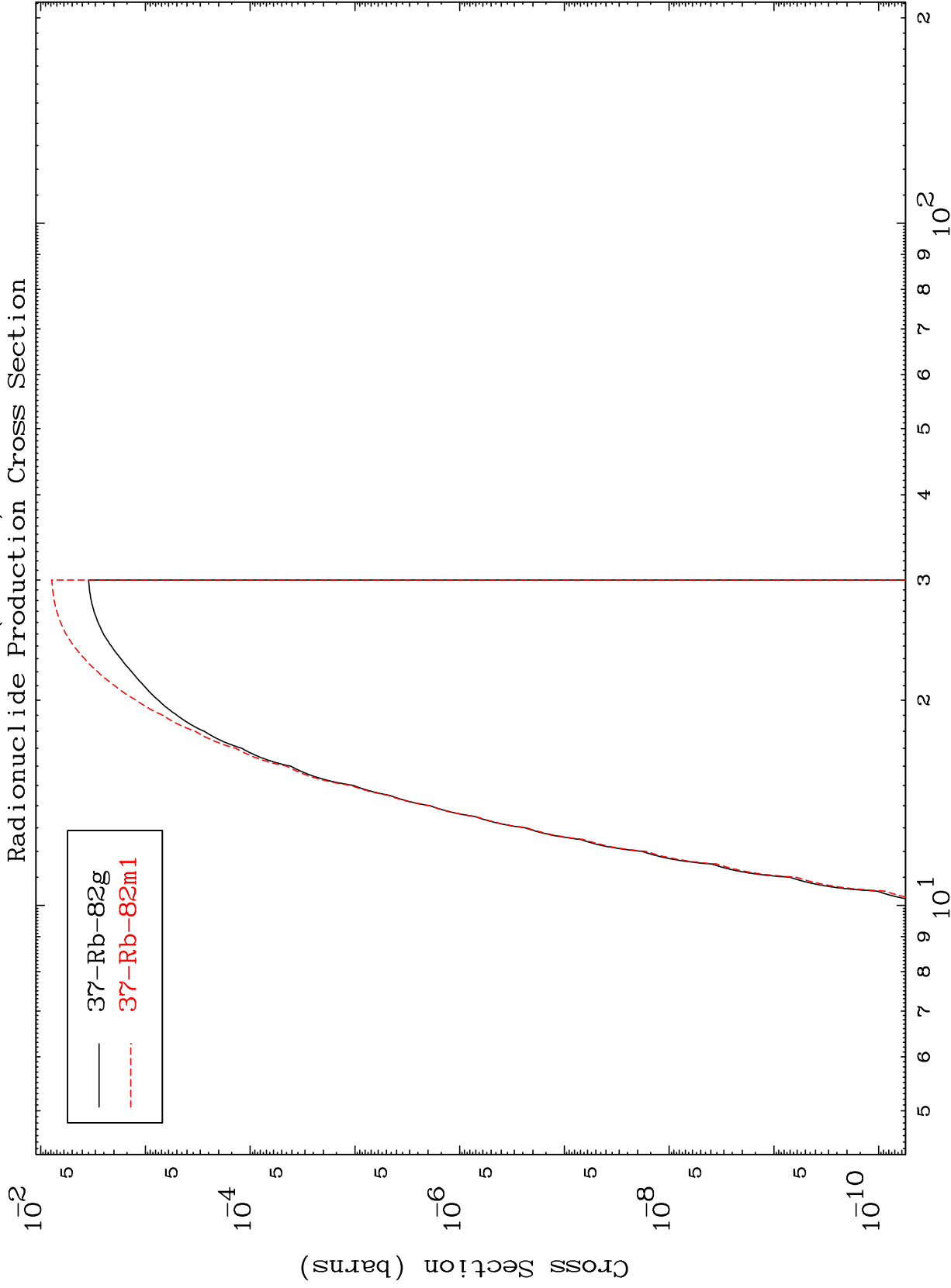
39-Y -84

Radionuclide Production Cross Section
(n, γ)



(n,d)
Radionuclide Production Cross Section

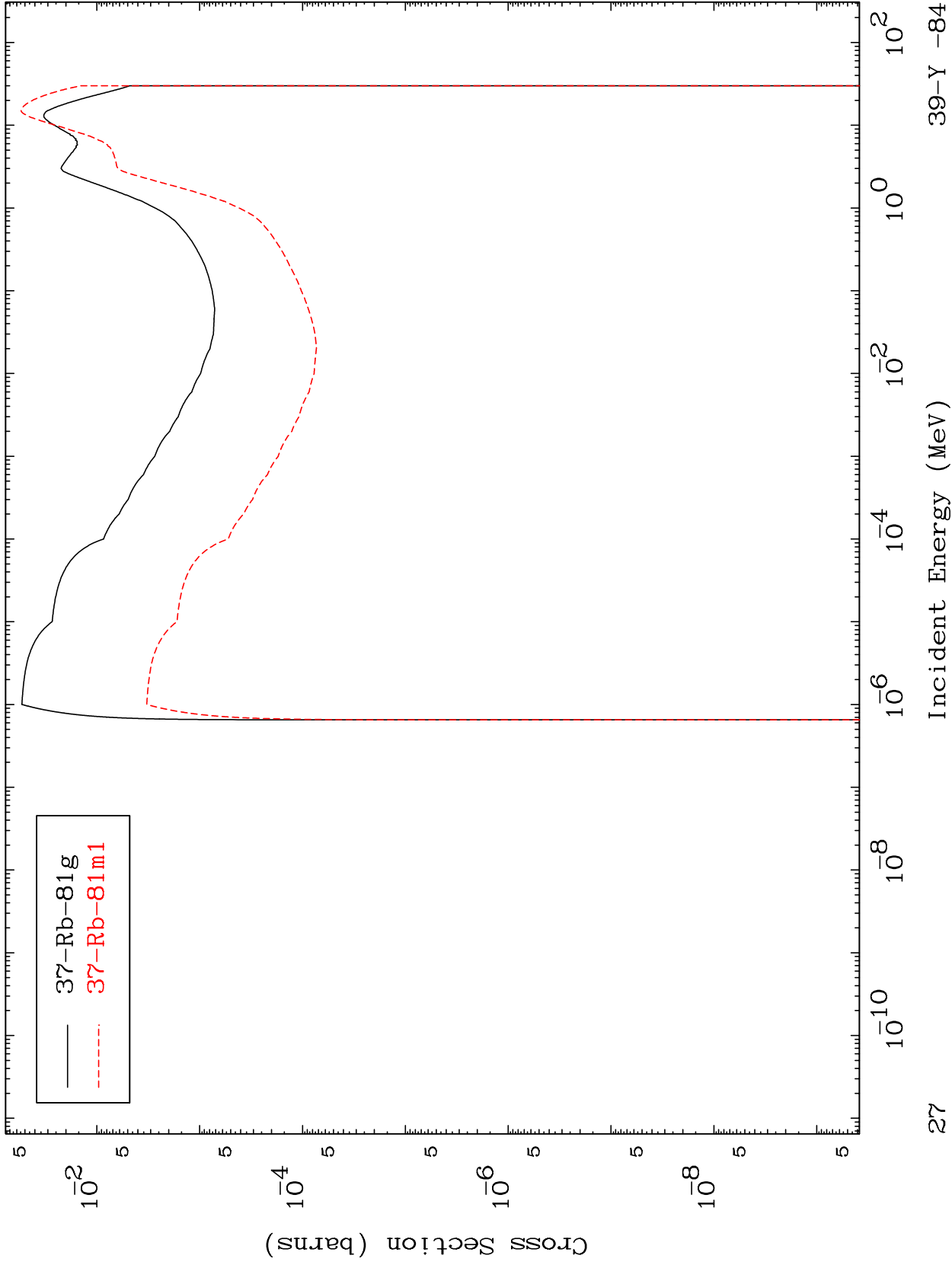




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39-Y -84

Radionuclide Production Cross Section (n,α)

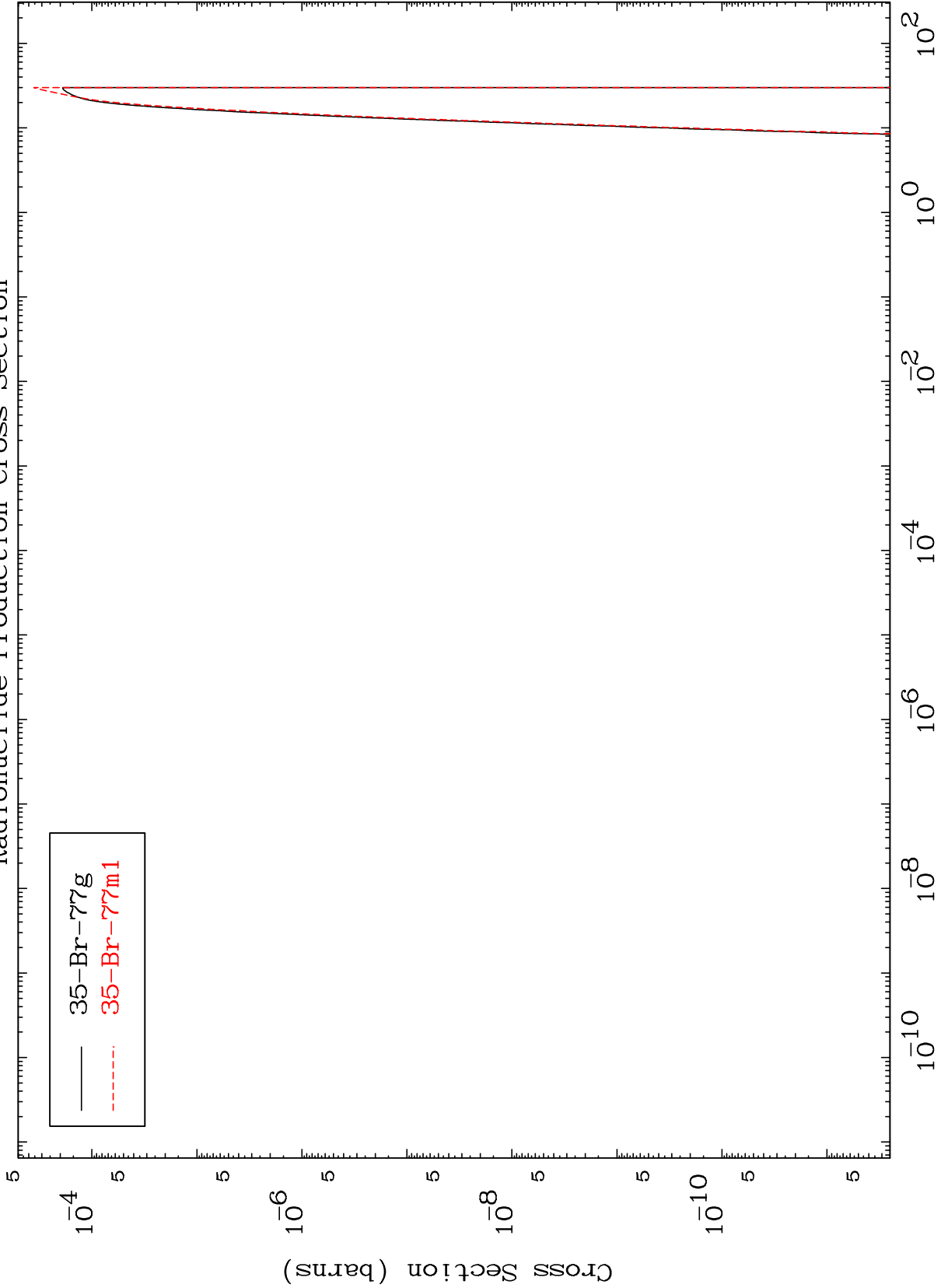


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(n,2α)

39-Y -84

Radionuclide Production Cross Section



— 35-Br-77g
- - - 35-Br-77m1

Incident Energy (MeV)

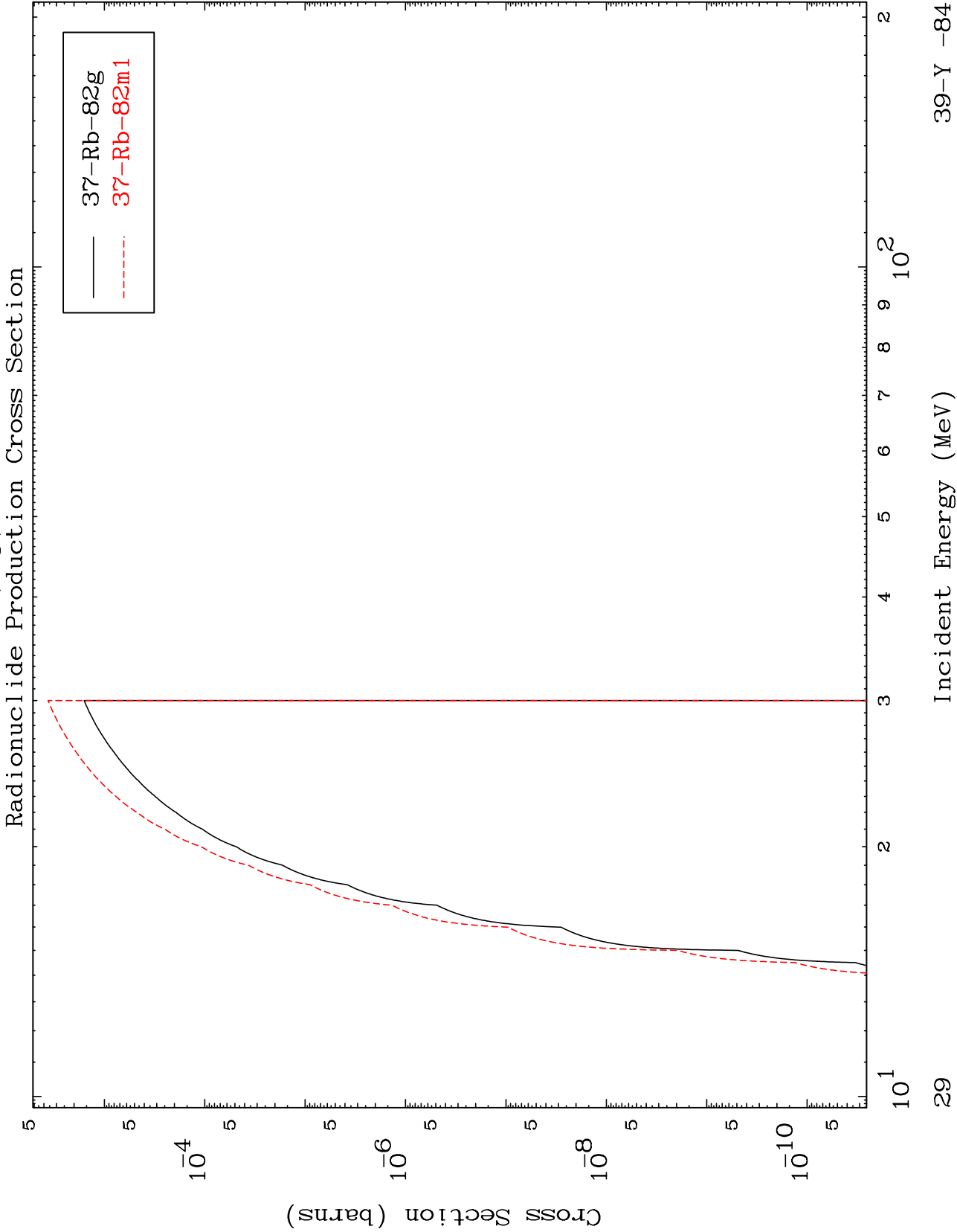
39-Y -84

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MAT 3911

(n,p) d

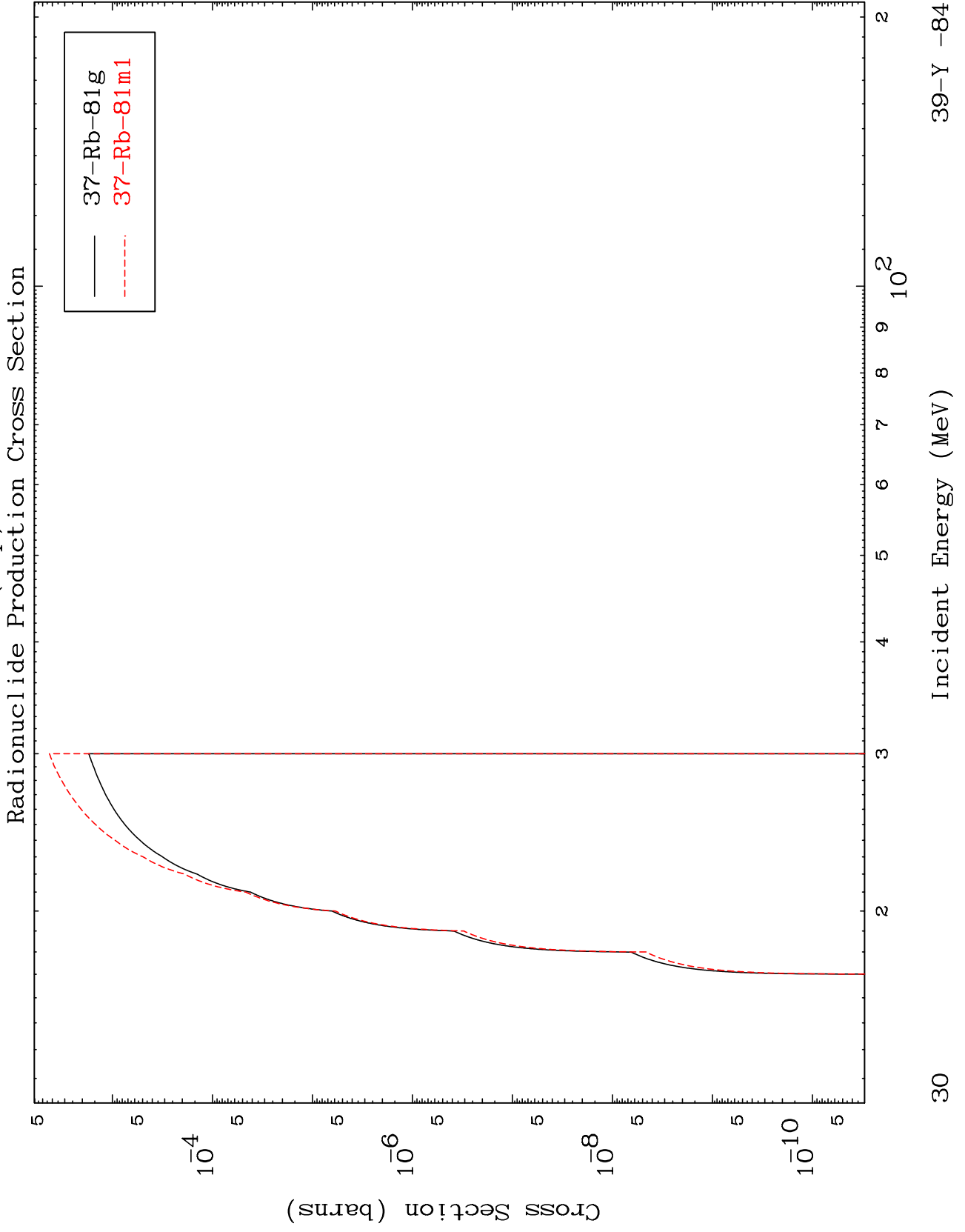
39-Y -84



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Incident Energy (MeV)

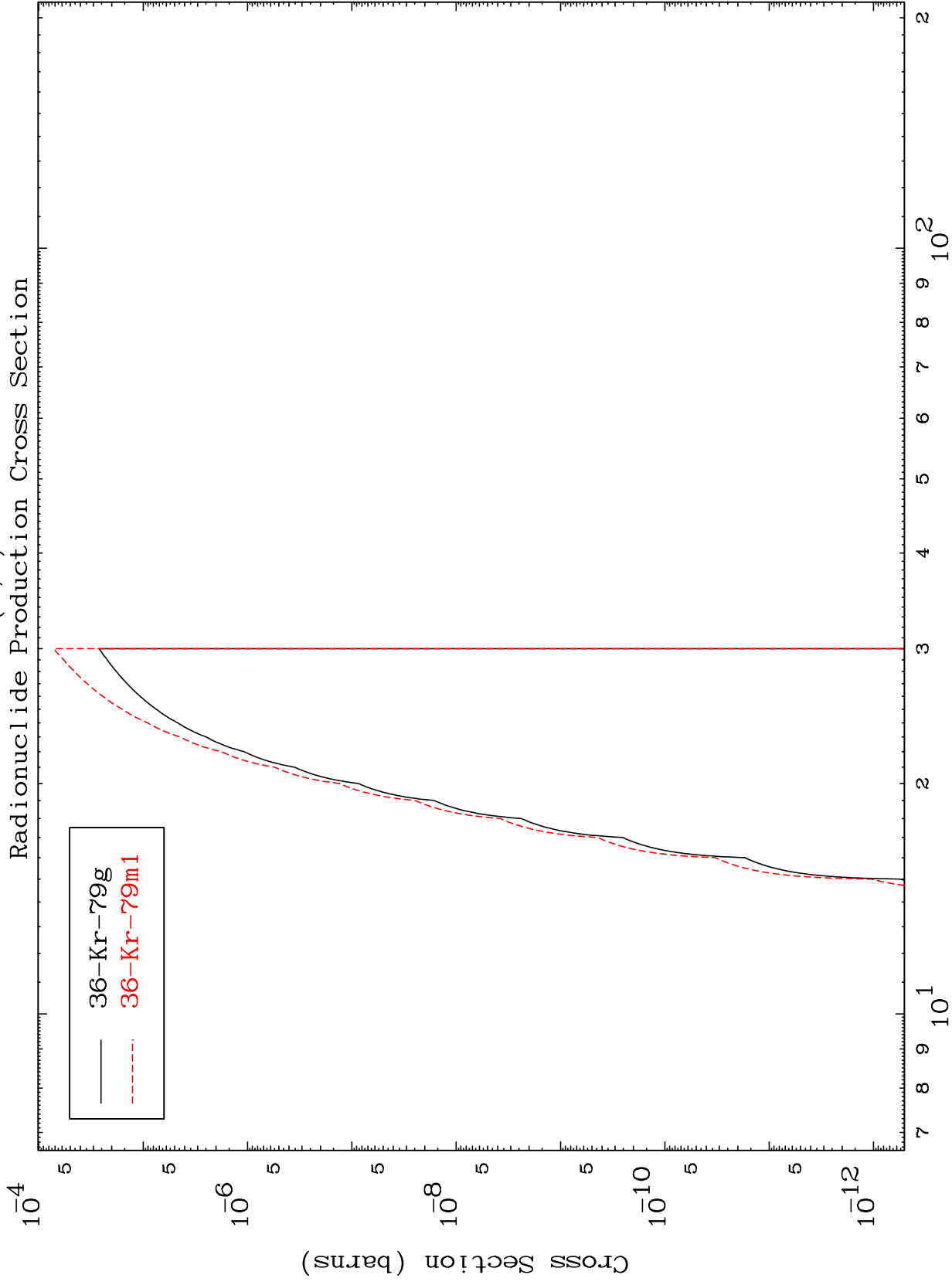
39-Y -84



MAT 3911

(n,d) α

39-Y -84



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Incident Energy (MeV)

39-Y -84