

Program EVALPLOT
(Version 2018-1)

by

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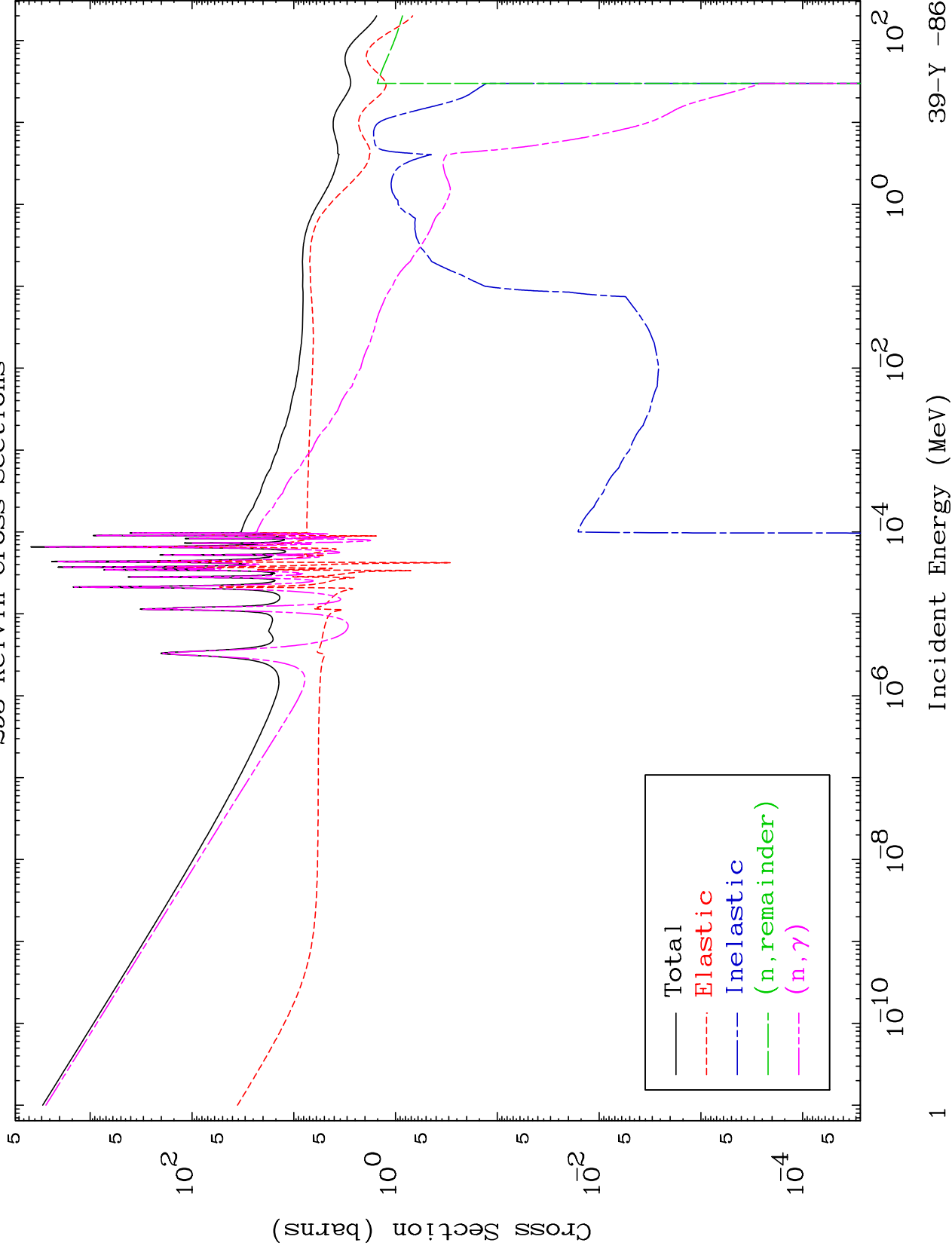
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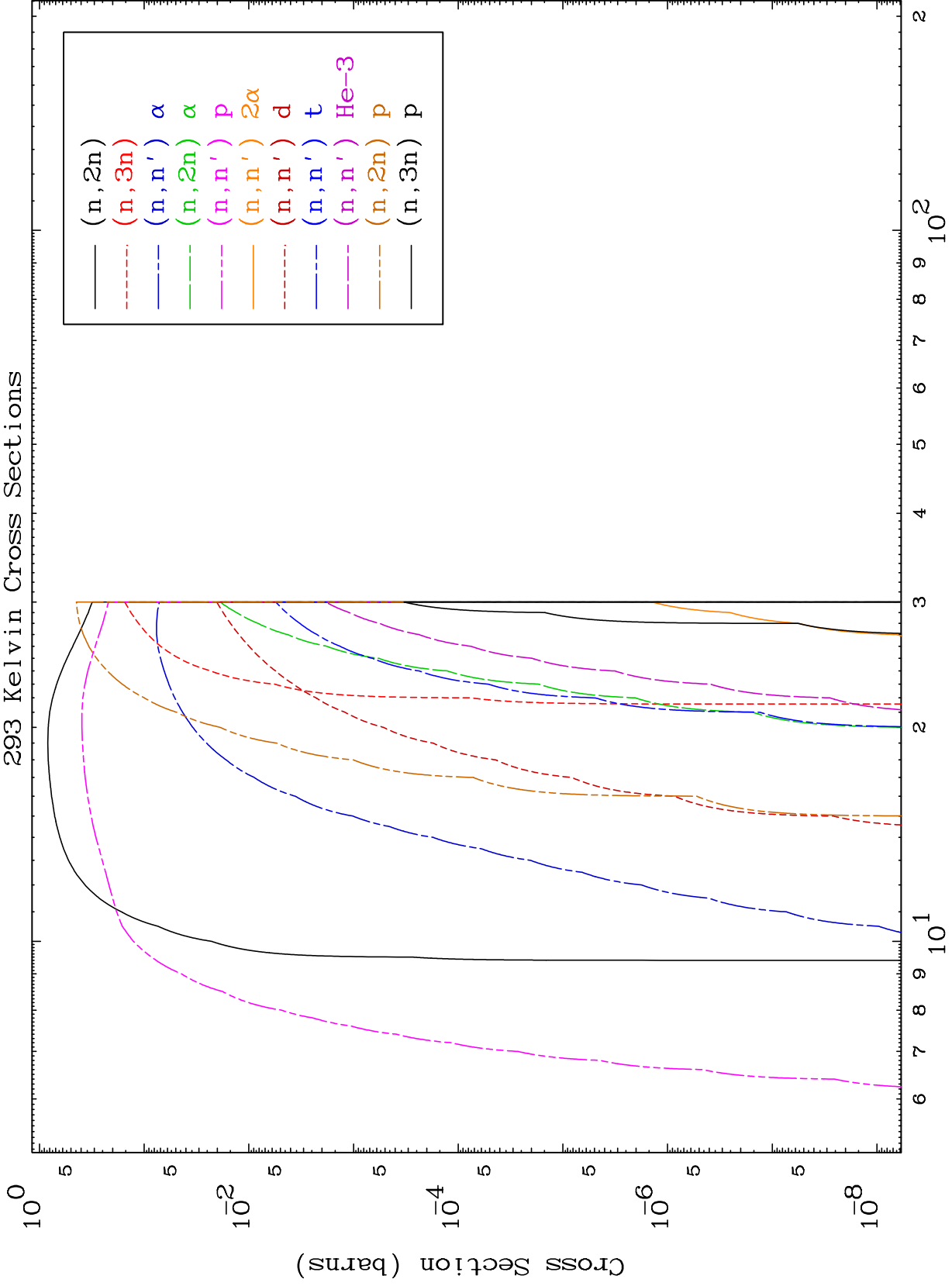
Press Mouse Button to Start

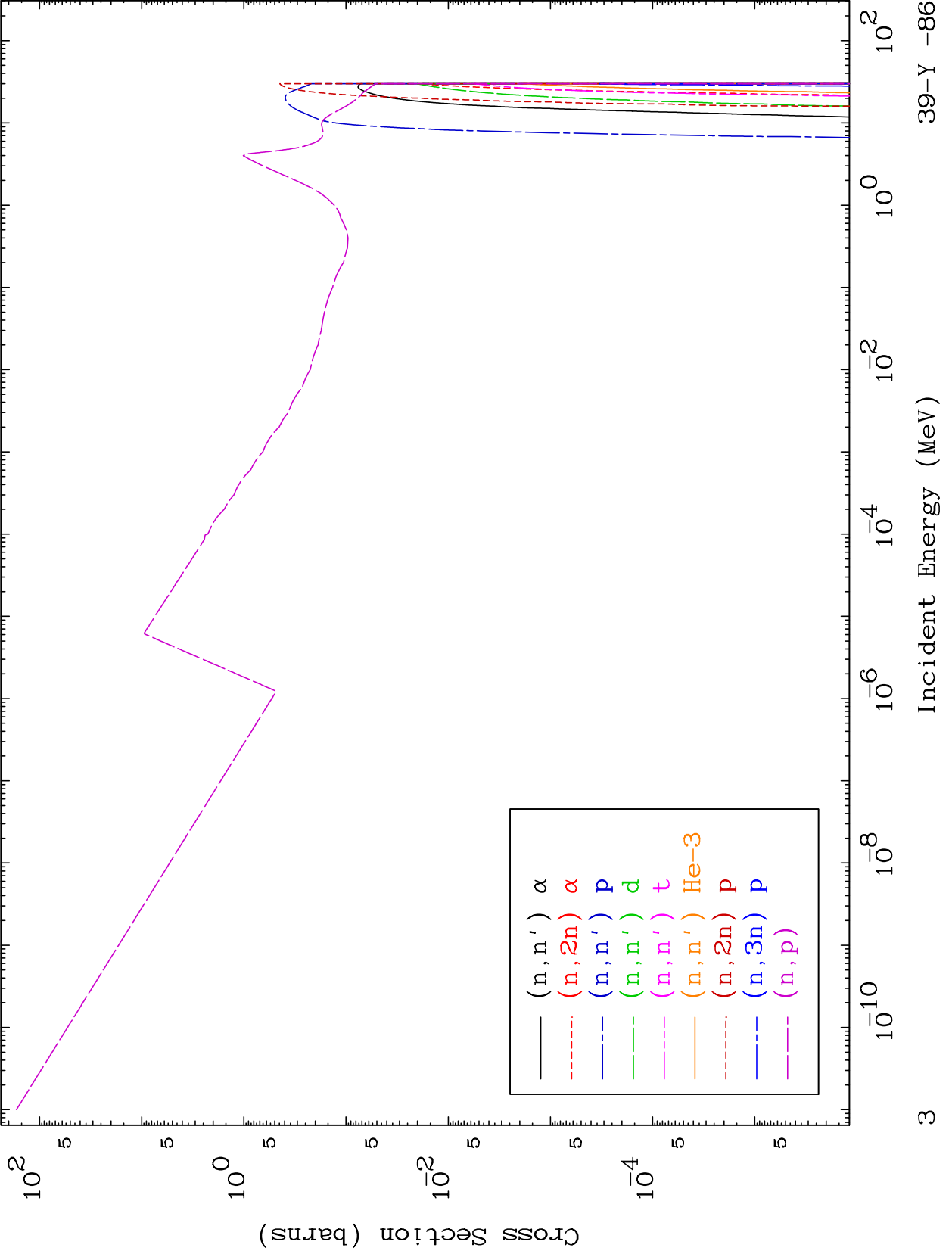
MAT 3917

Major
293 Kelvin Cross Sections

39-Y -86



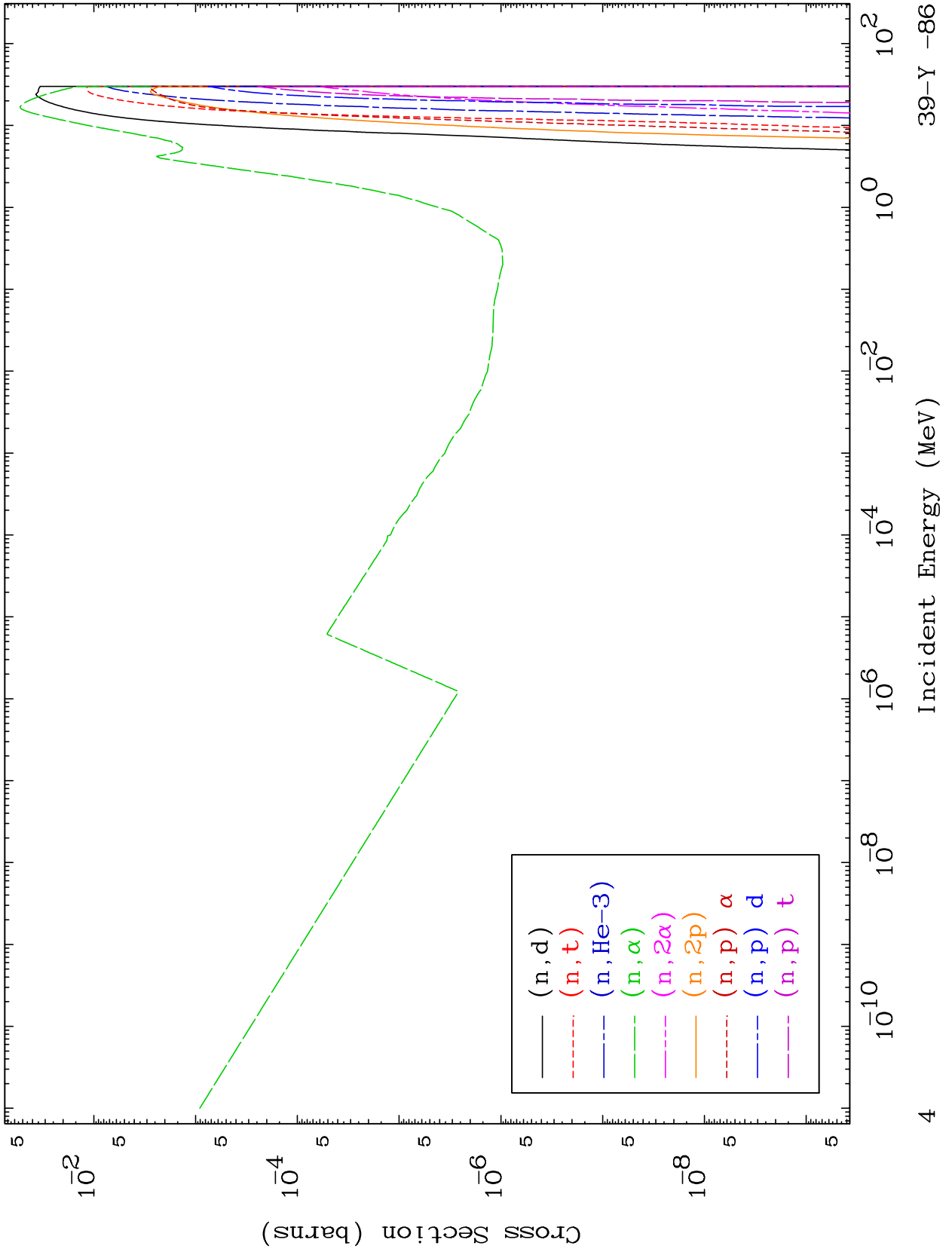


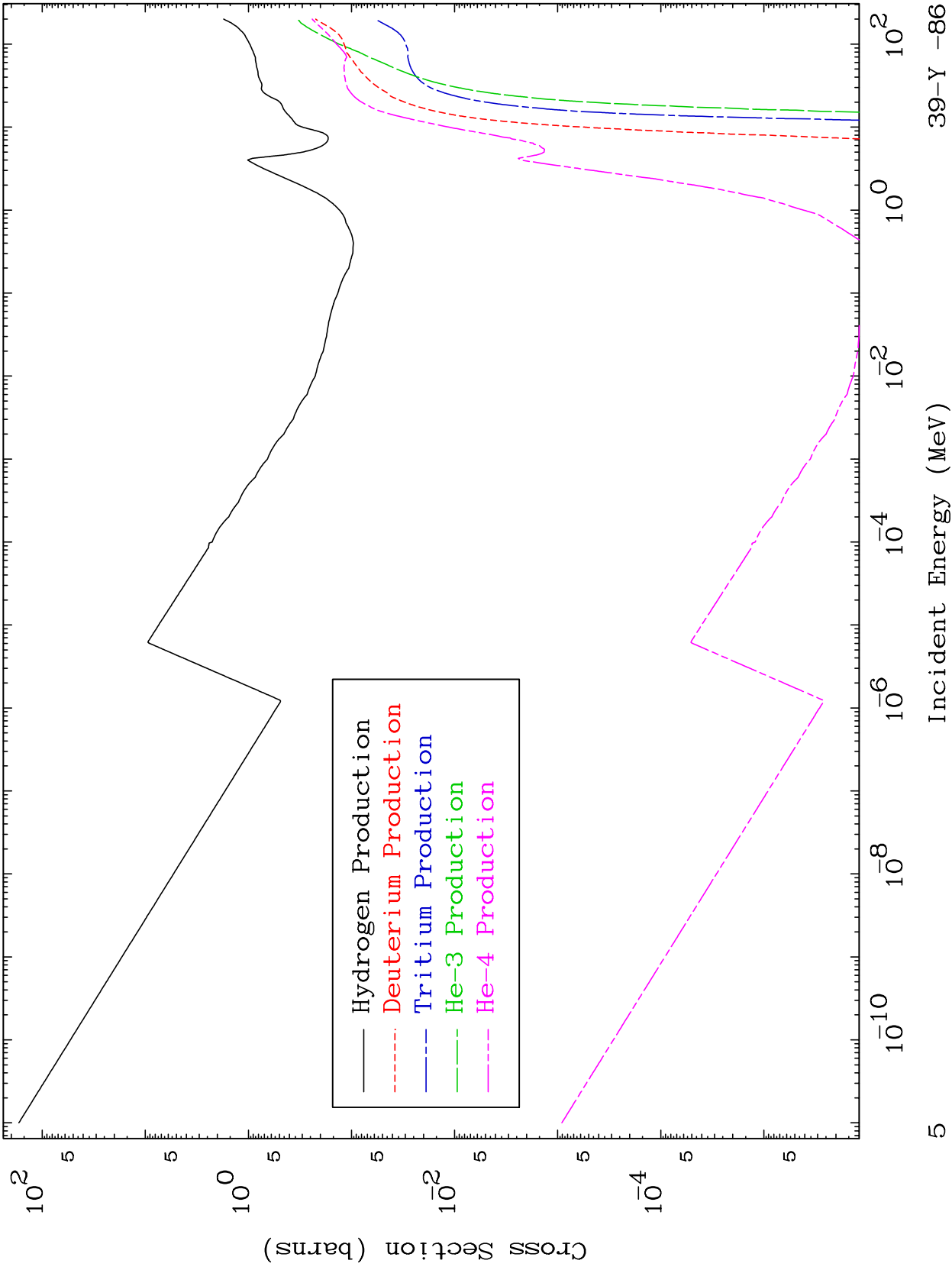


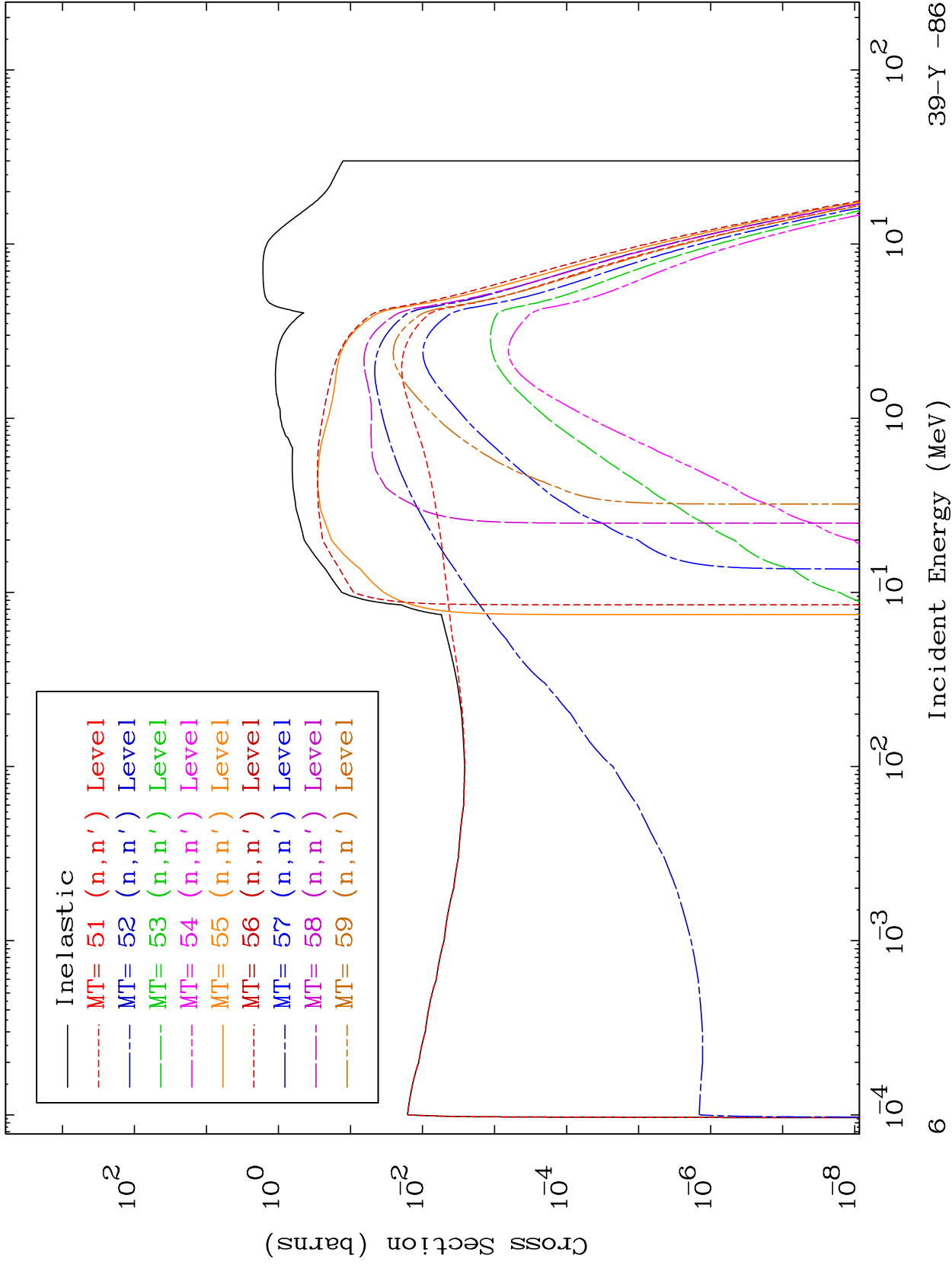
MAT 3917

Charged Particle
293 Kelvin Cross Sections

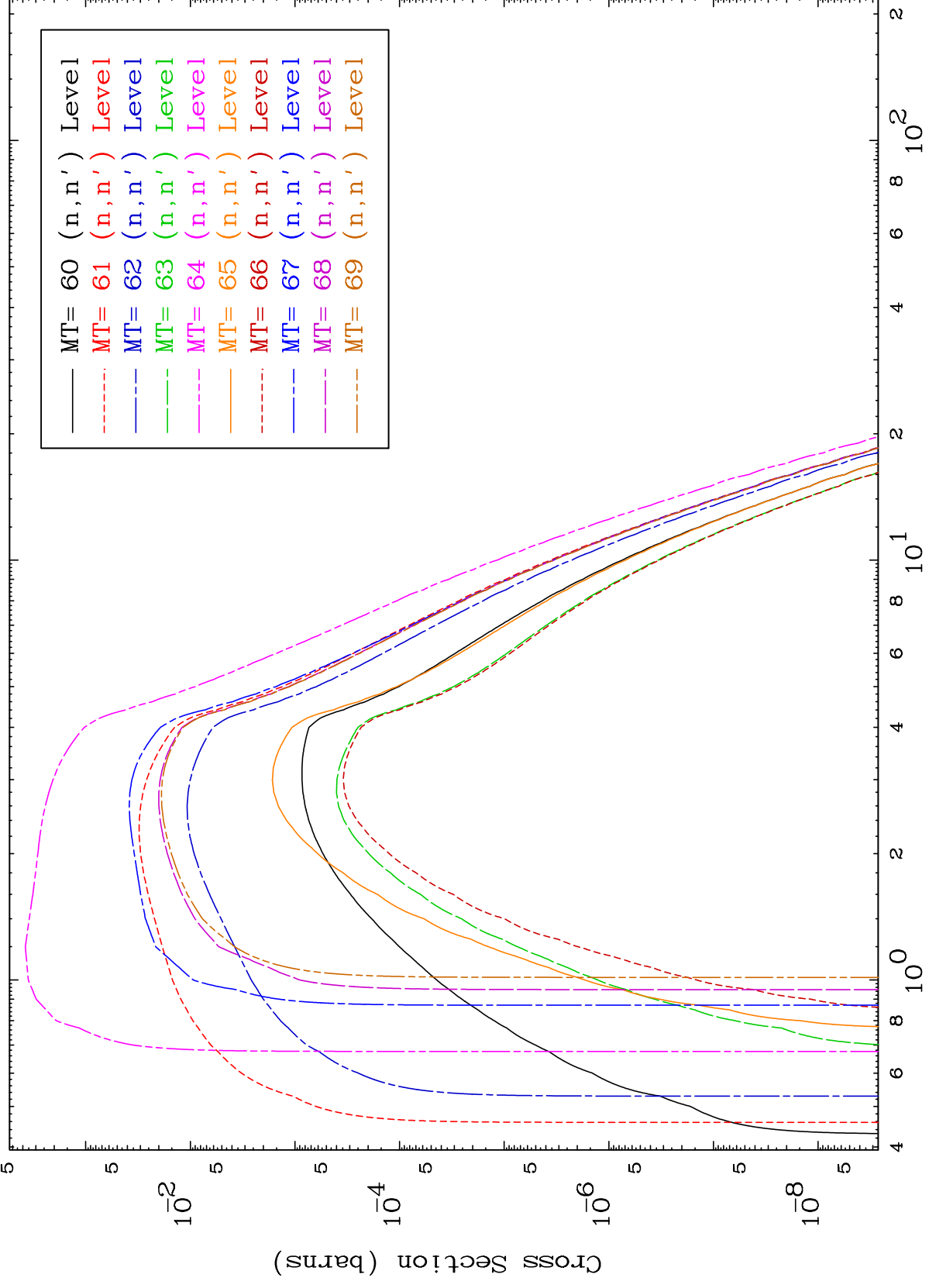
39-Y -86







293 Kelvin Cross Sections



MAT 3917

(n,n') Level

39-Y -86

293 Kelvin Cross Sections

10⁴

10²

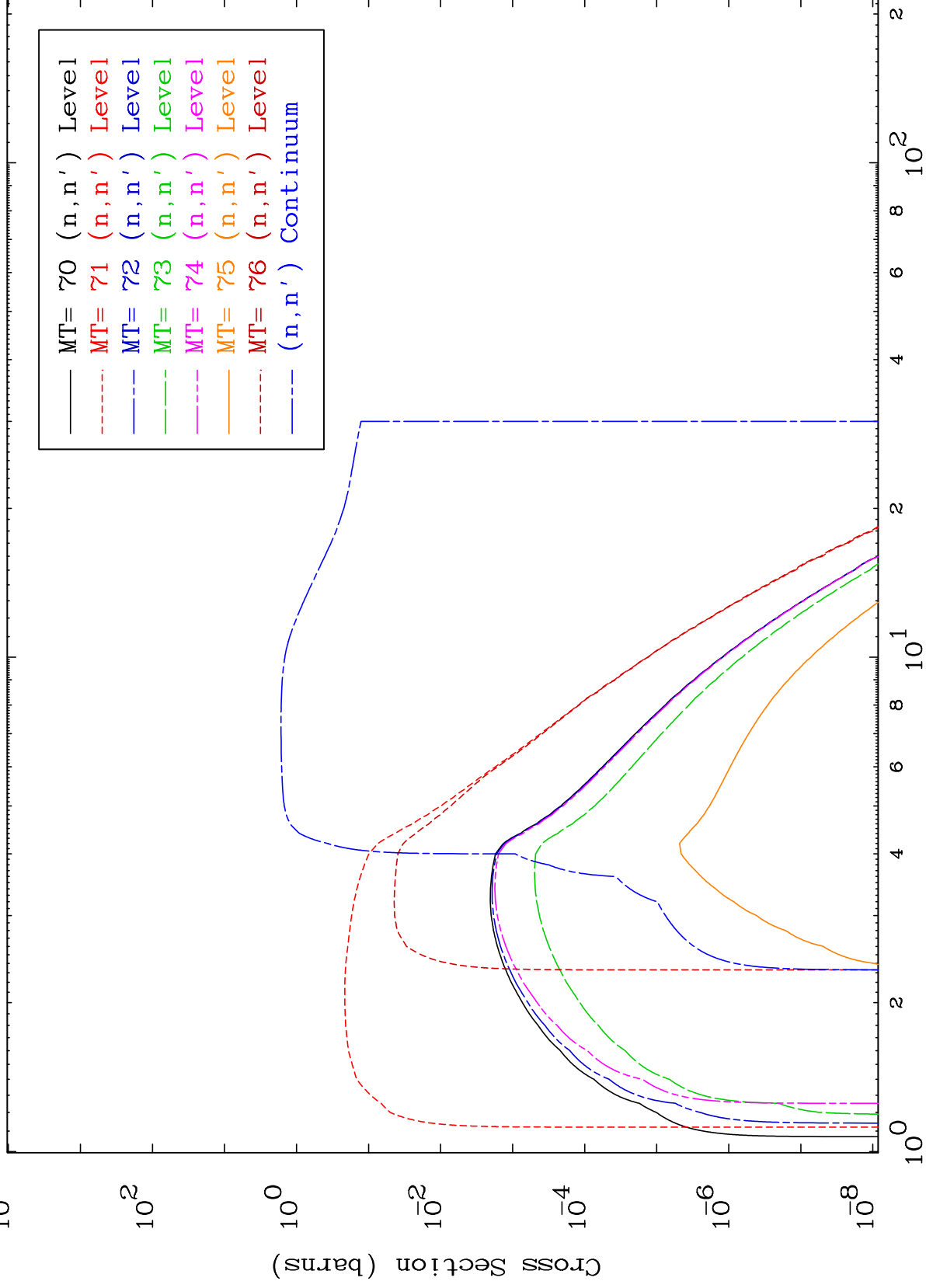
10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸



Incident Energy (MeV)

8

10⁰

2

4

6

8

10¹

2

4

6

8

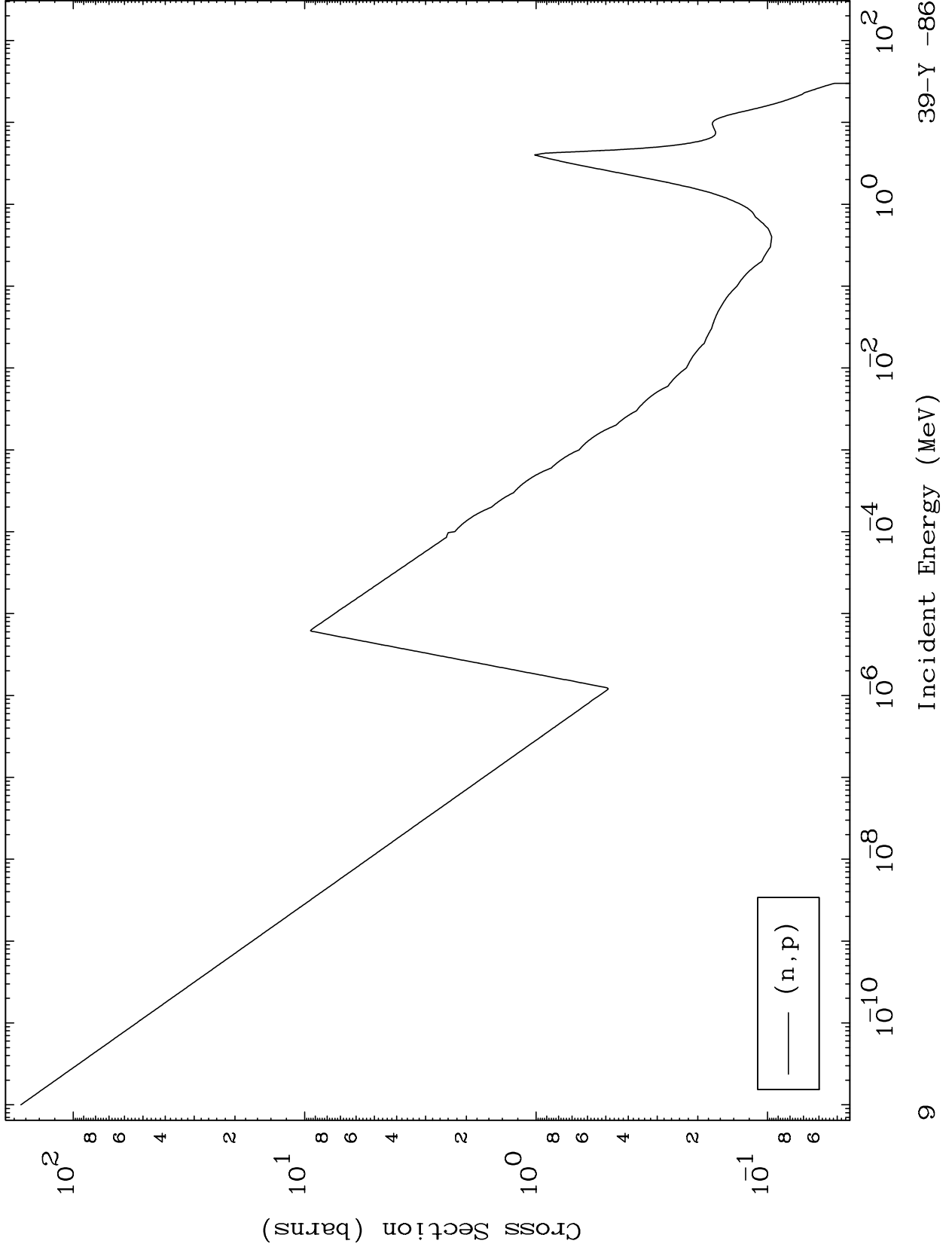
10²

39-Y -86

MAT 3917

(n,p) Levels
293 Kelvin Cross Sections

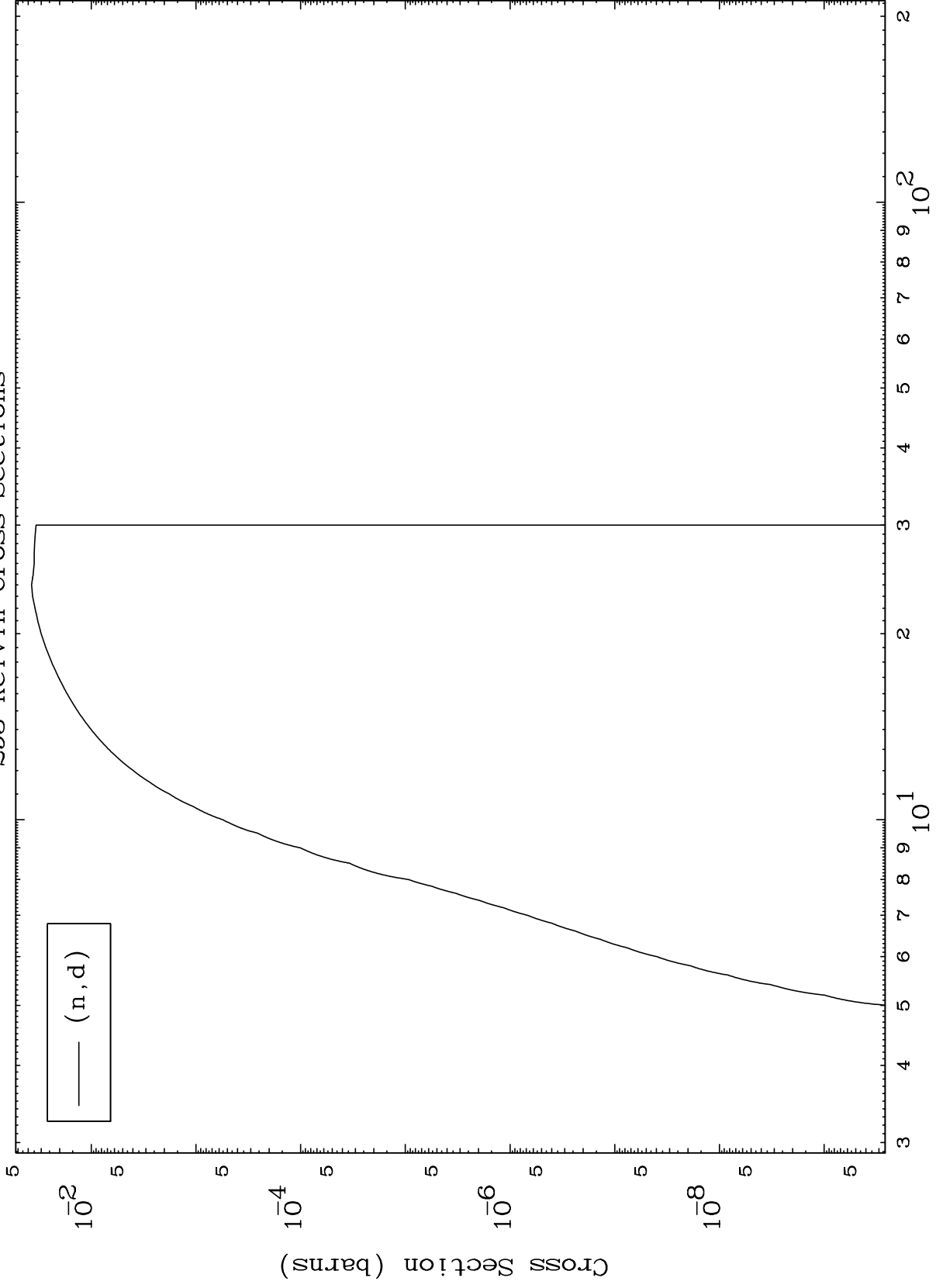
39-Y -86



MAT 3917

(n,d) Levels
293 Kelvin Cross Sections

39-Y -86



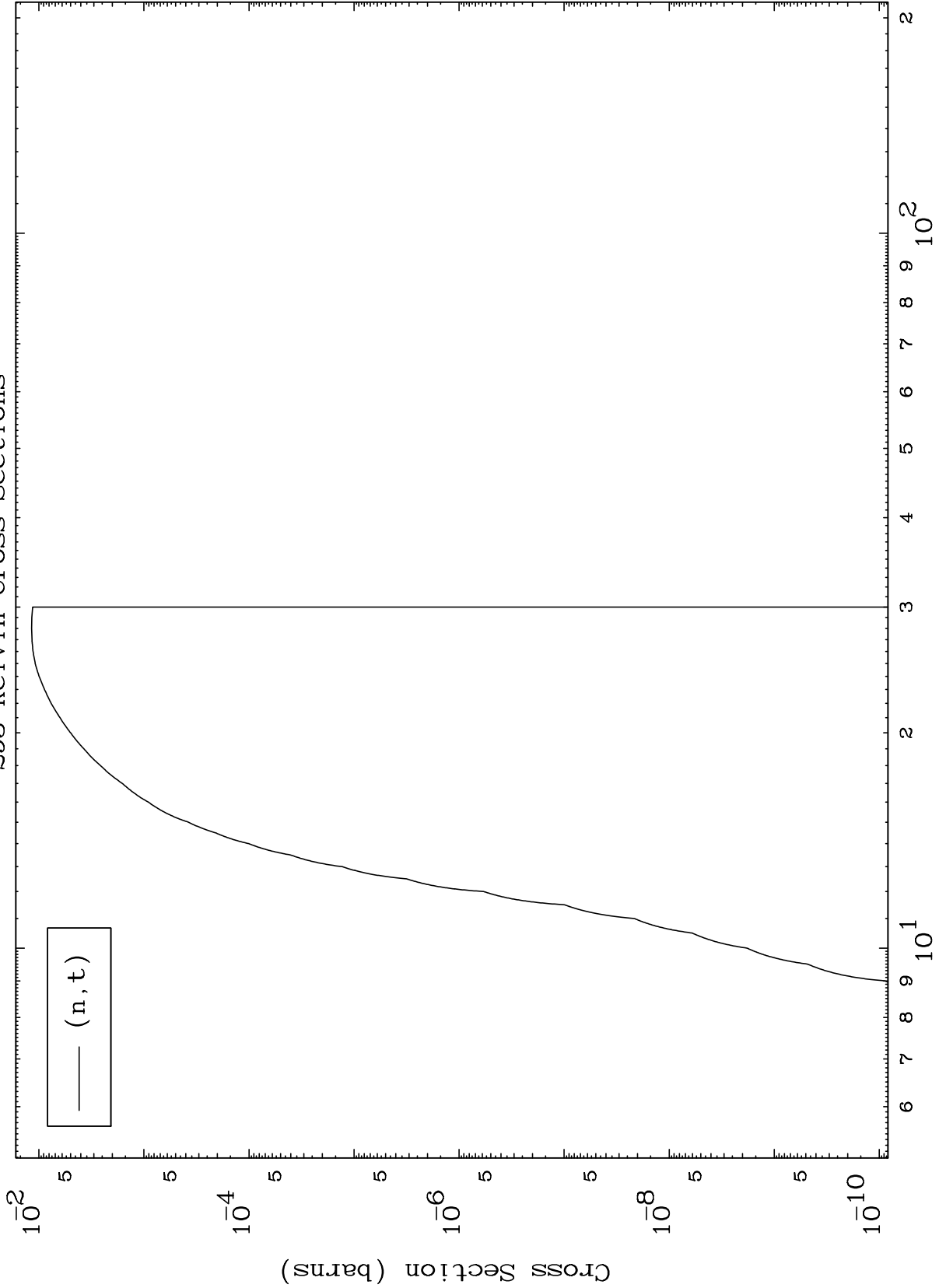
(n,d)

Incident Energy (MeV)

39-Y -86

10

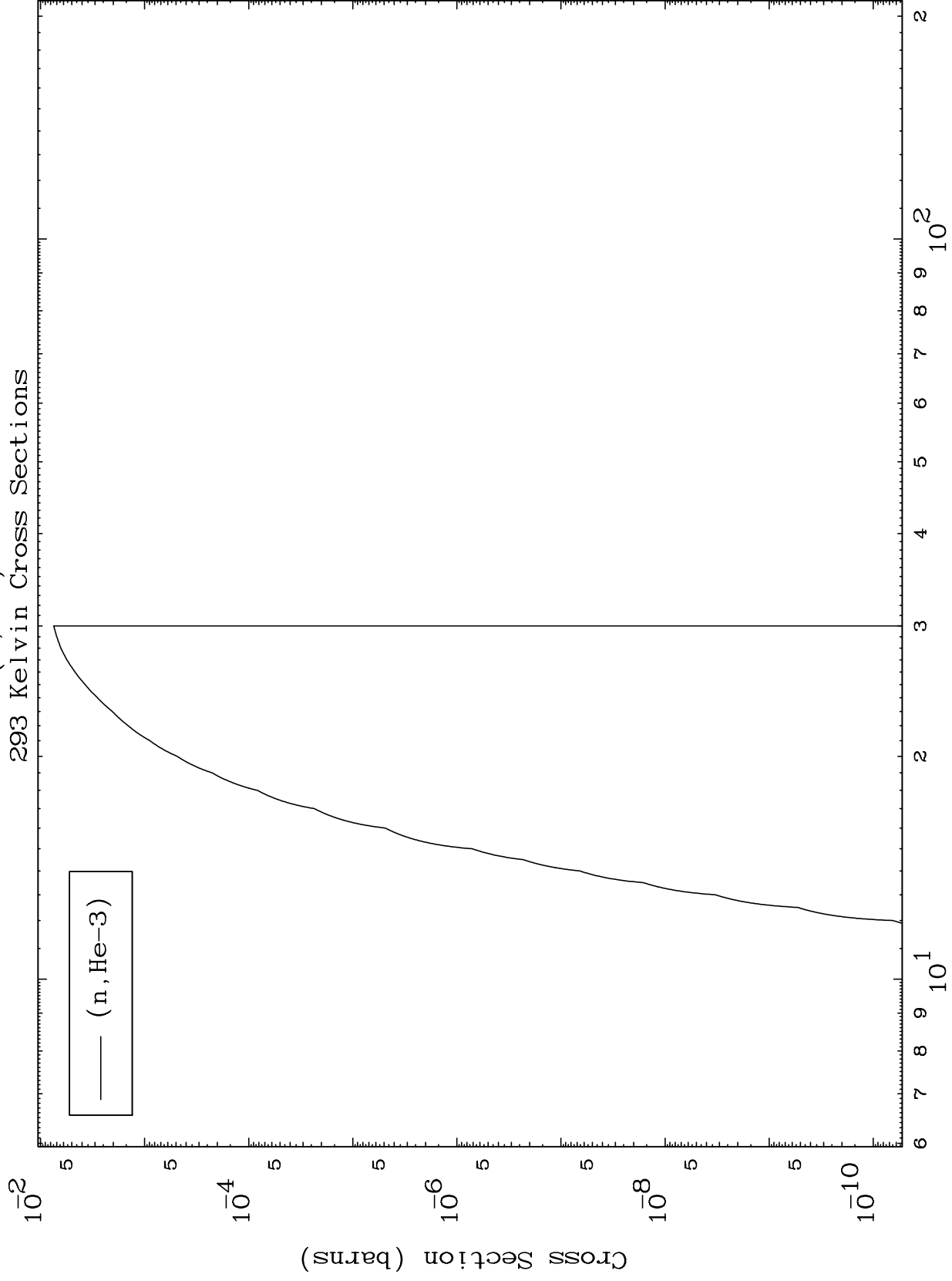
(n,t) Levels
293 Kelvin Cross Sections



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(n,He3) Levels
293 Kelvin Cross Sections

39-Y -86



12

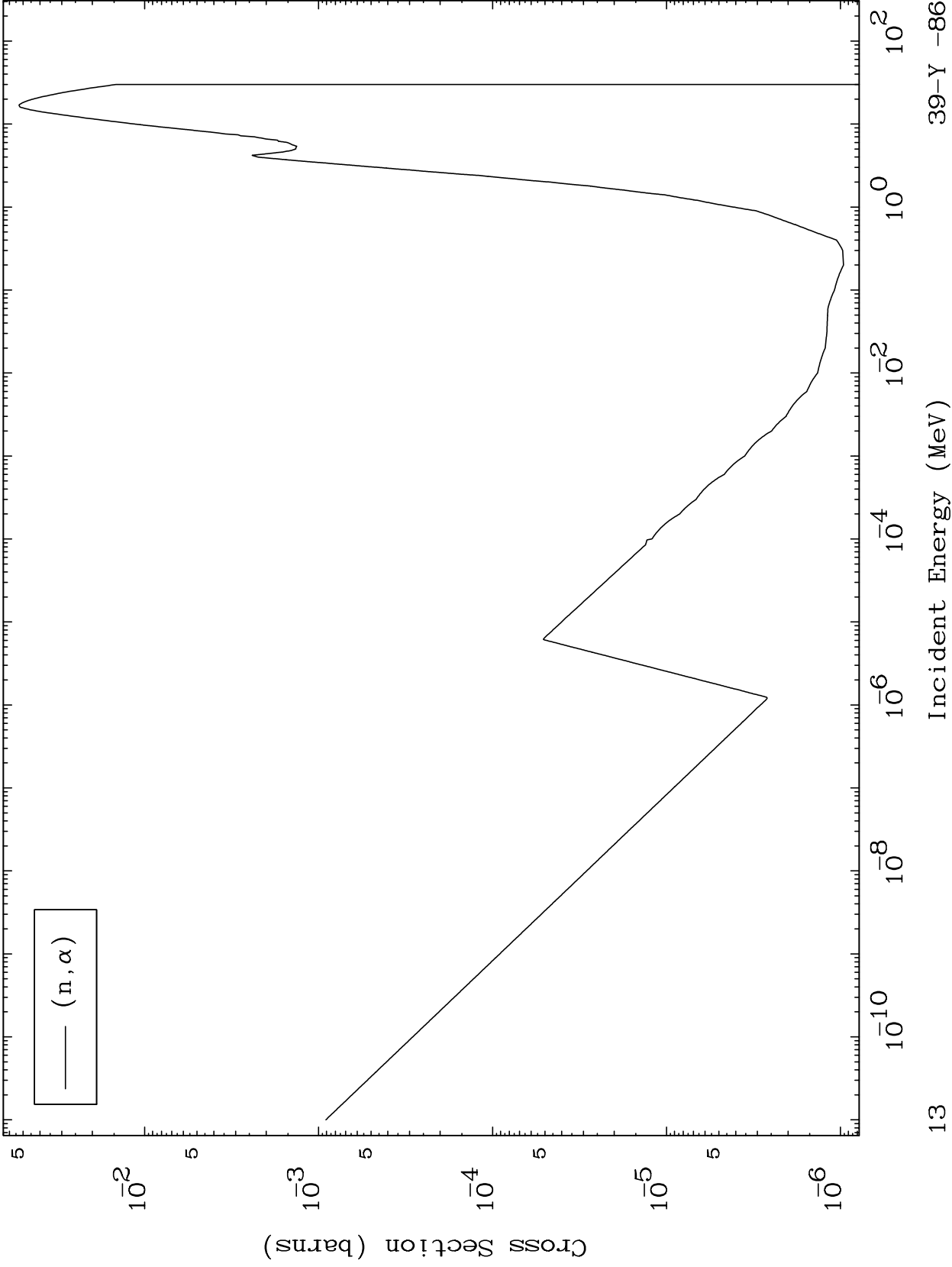
Incident Energy (MeV)

39-Y -86

MAT 3917

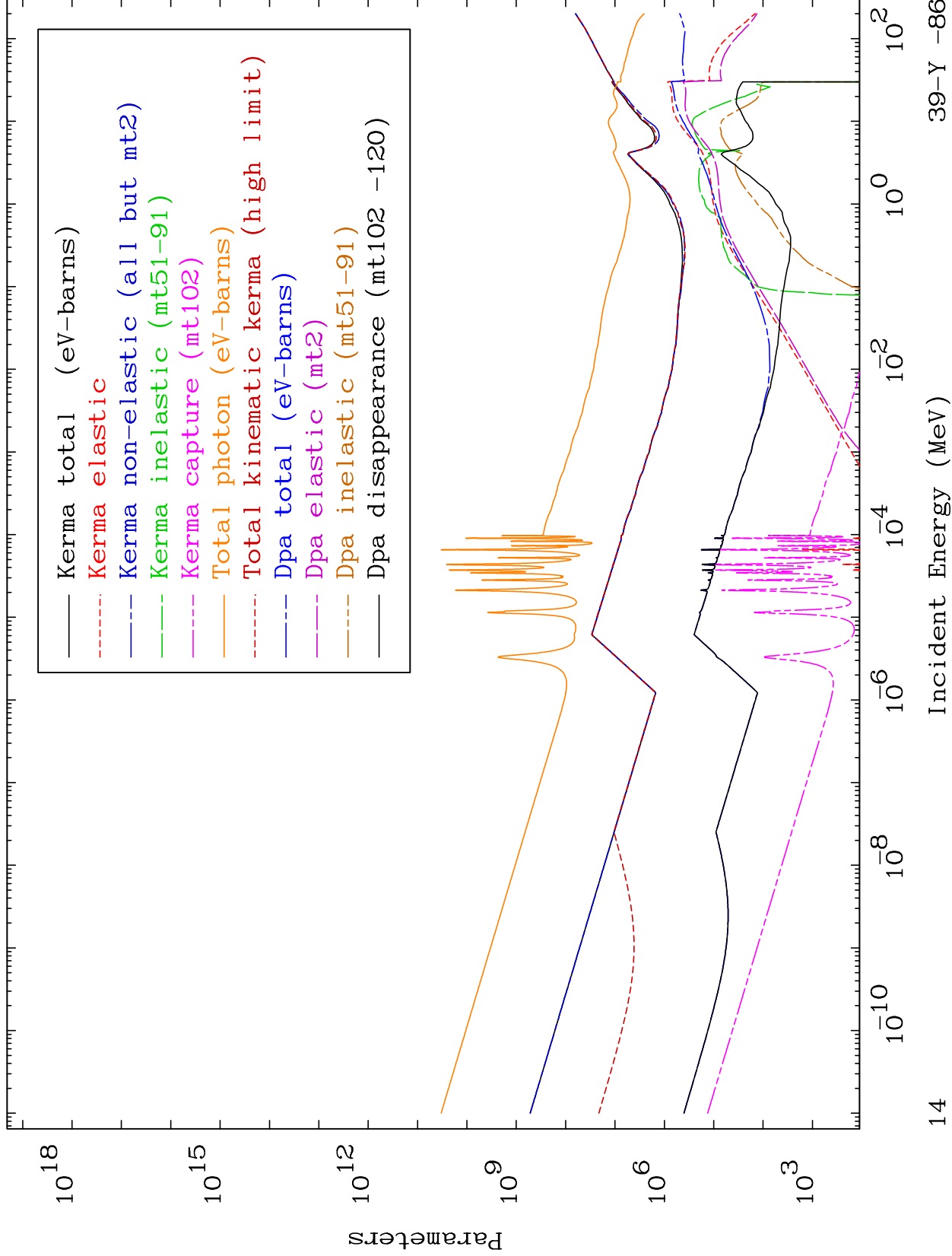
(n, α) Levels
293 Kelvin Cross Sections

39-Y -86



13

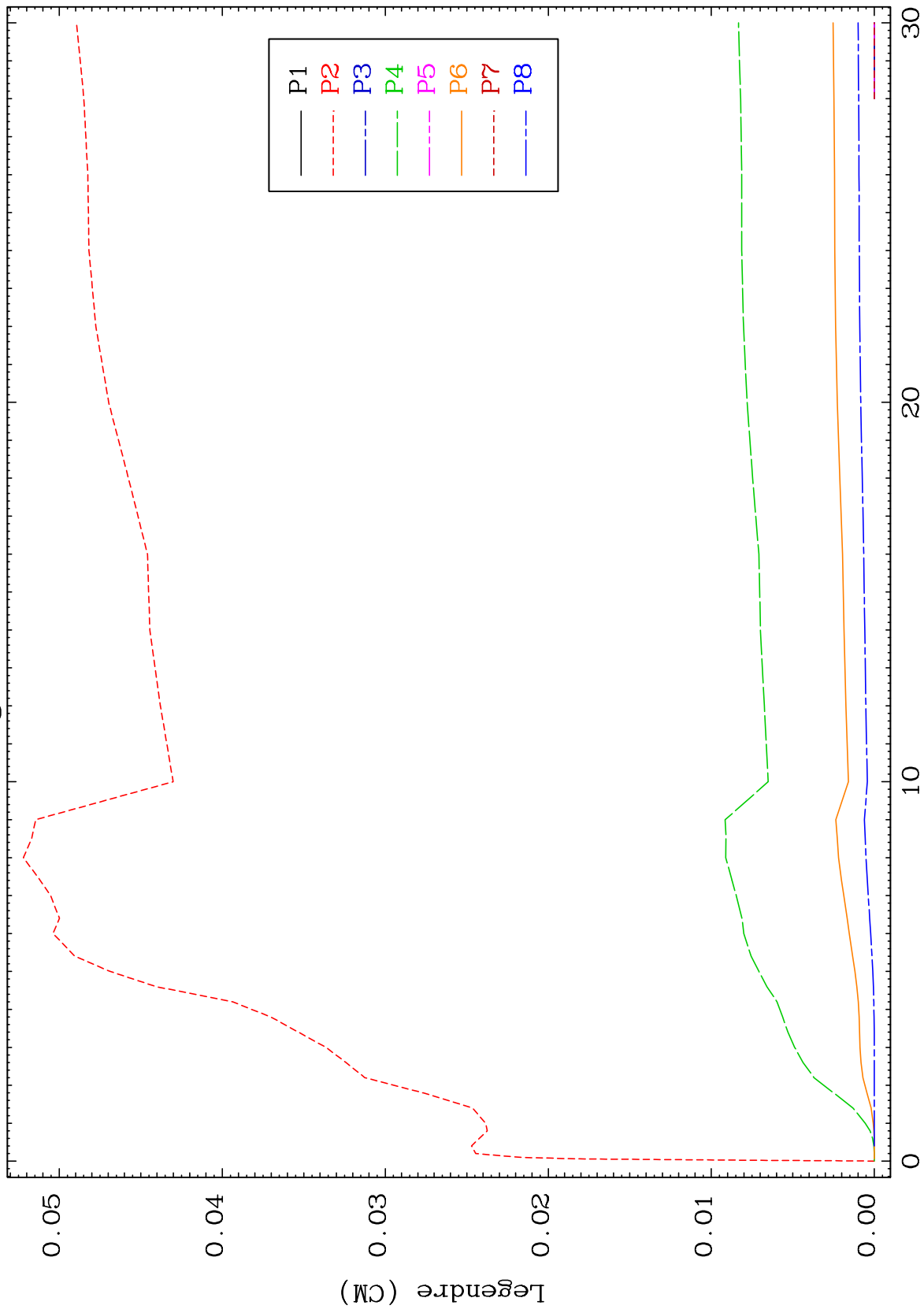
39-Y -86



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Elastic Legendre Coefficients

39-Y -86



15

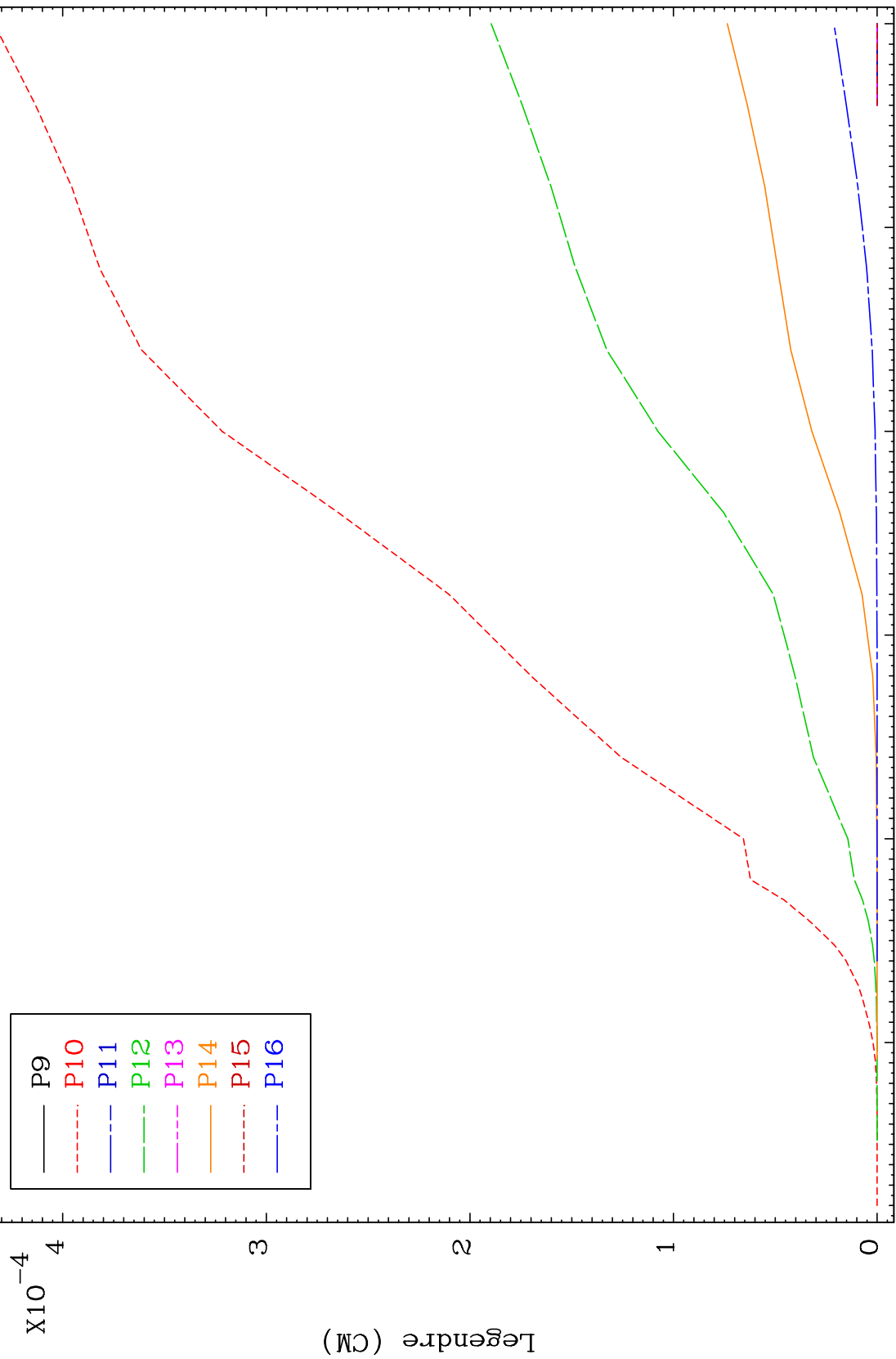
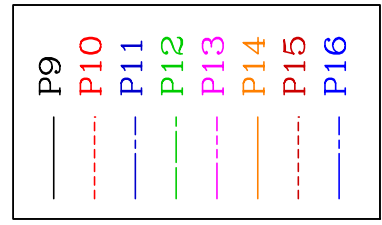
Incident Energy (MeV)

39-Y -86

MAT 3917

Elastic Legendre Coefficients

39-Y -86



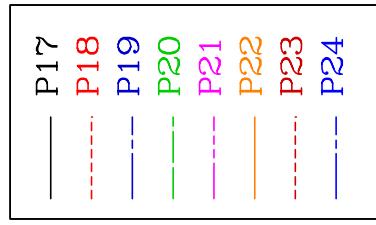
16

39-Y -86

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Elastic Legendre Coefficients

39-Y -86



$\times 10^{-6}$

Legendre (CM)

1.0

0.5

0.0

15

20

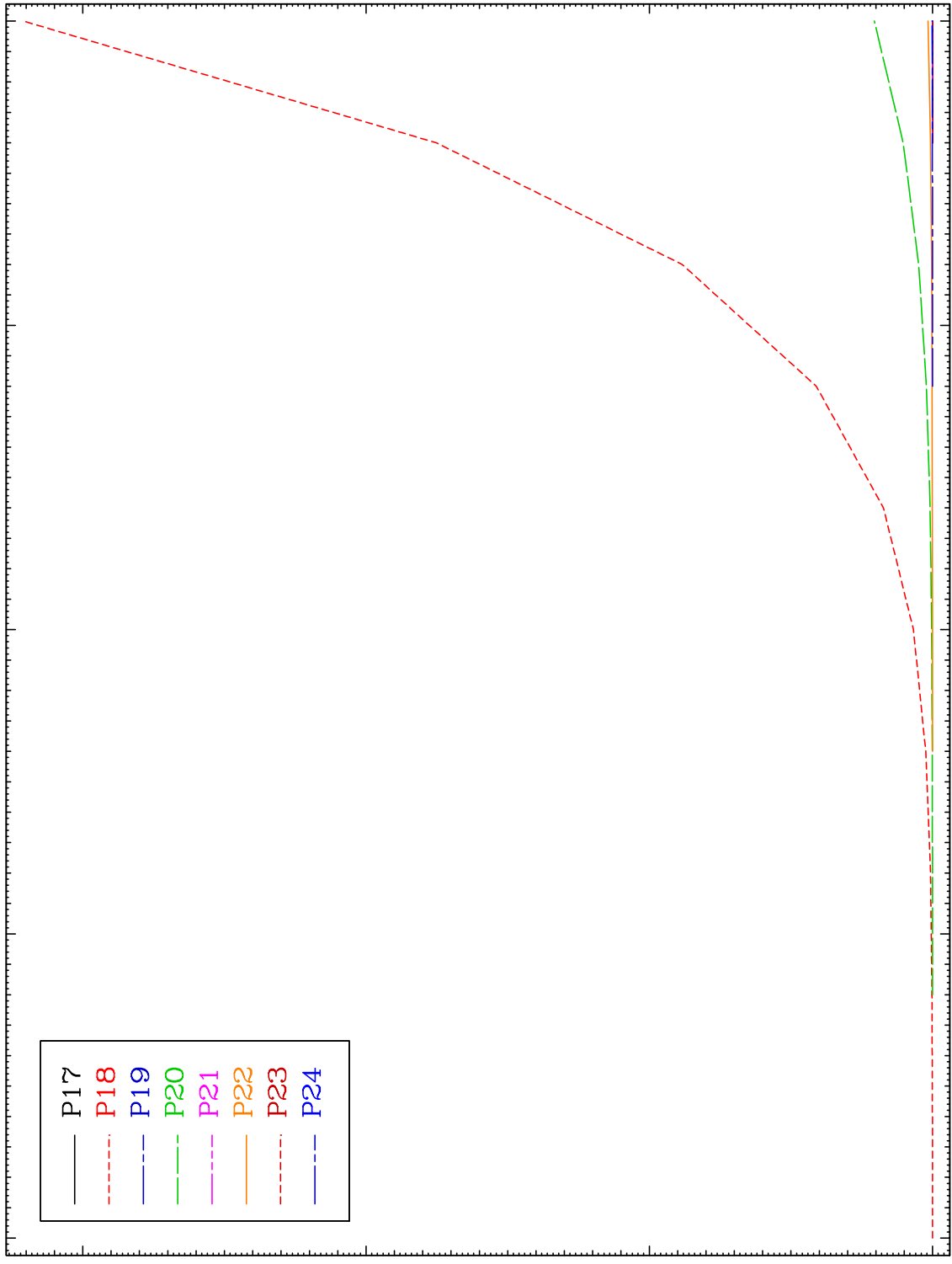
25

30

17

Incident Energy (MeV)

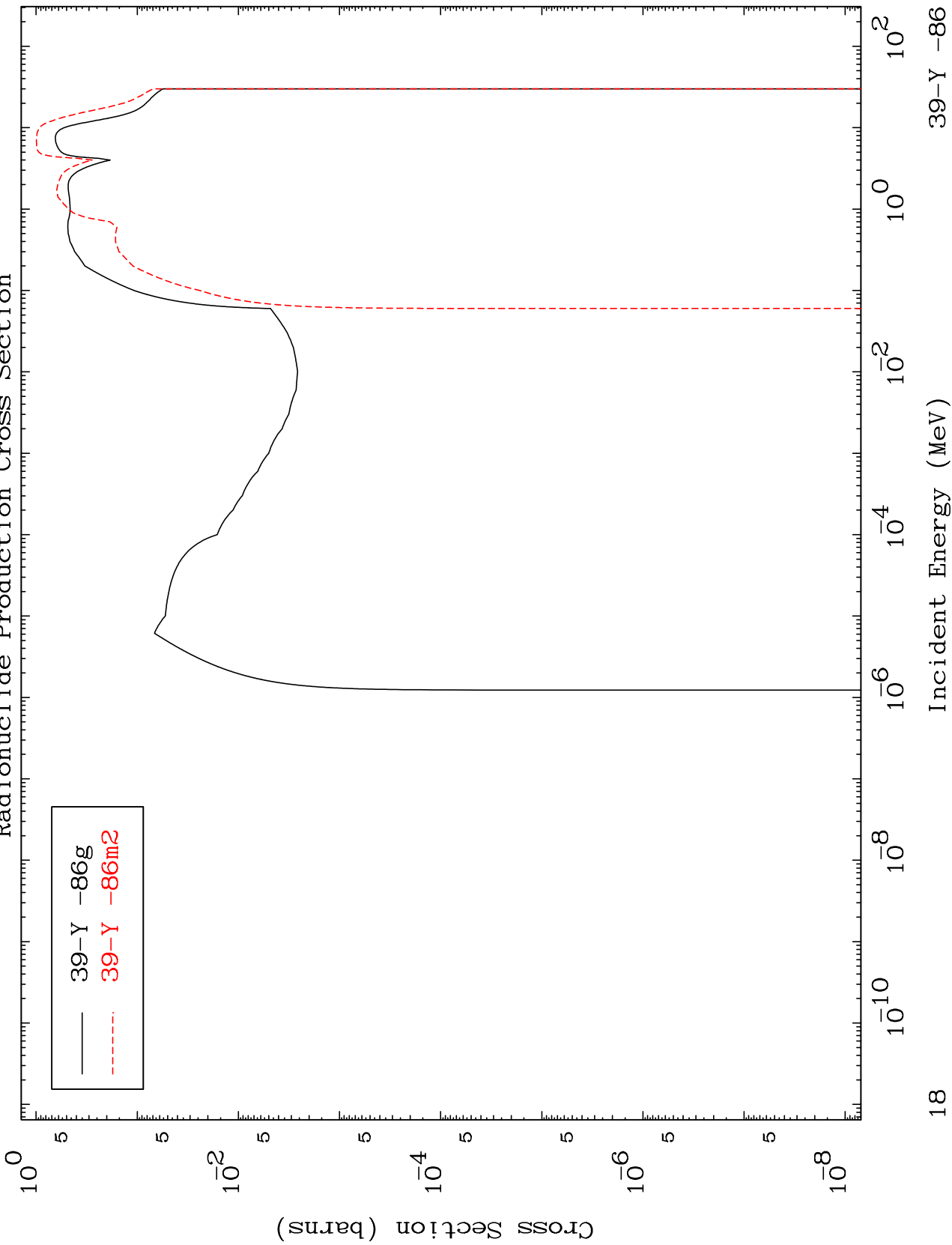
39-Y -86



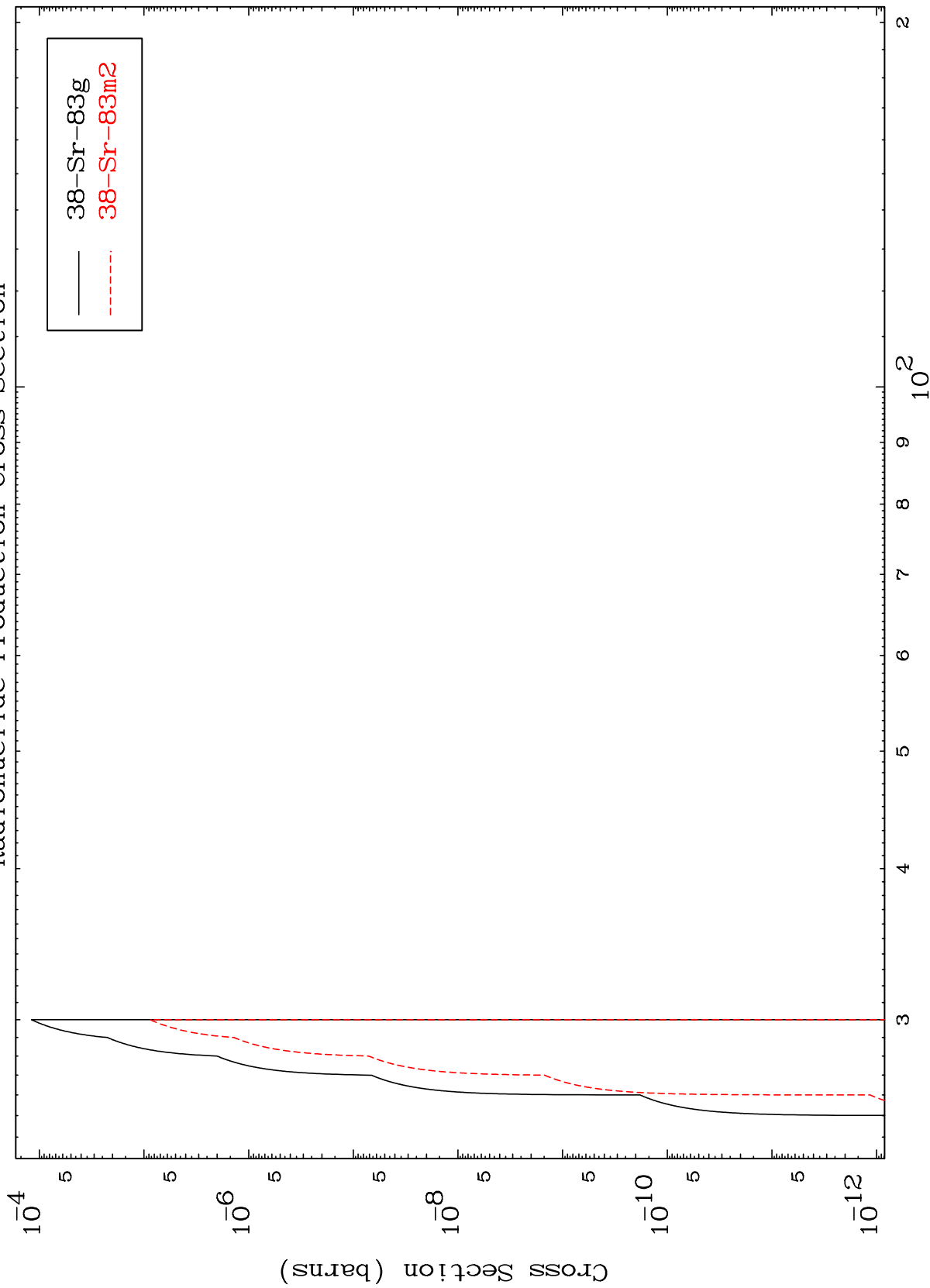
MAT 3917

39-Y -86

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

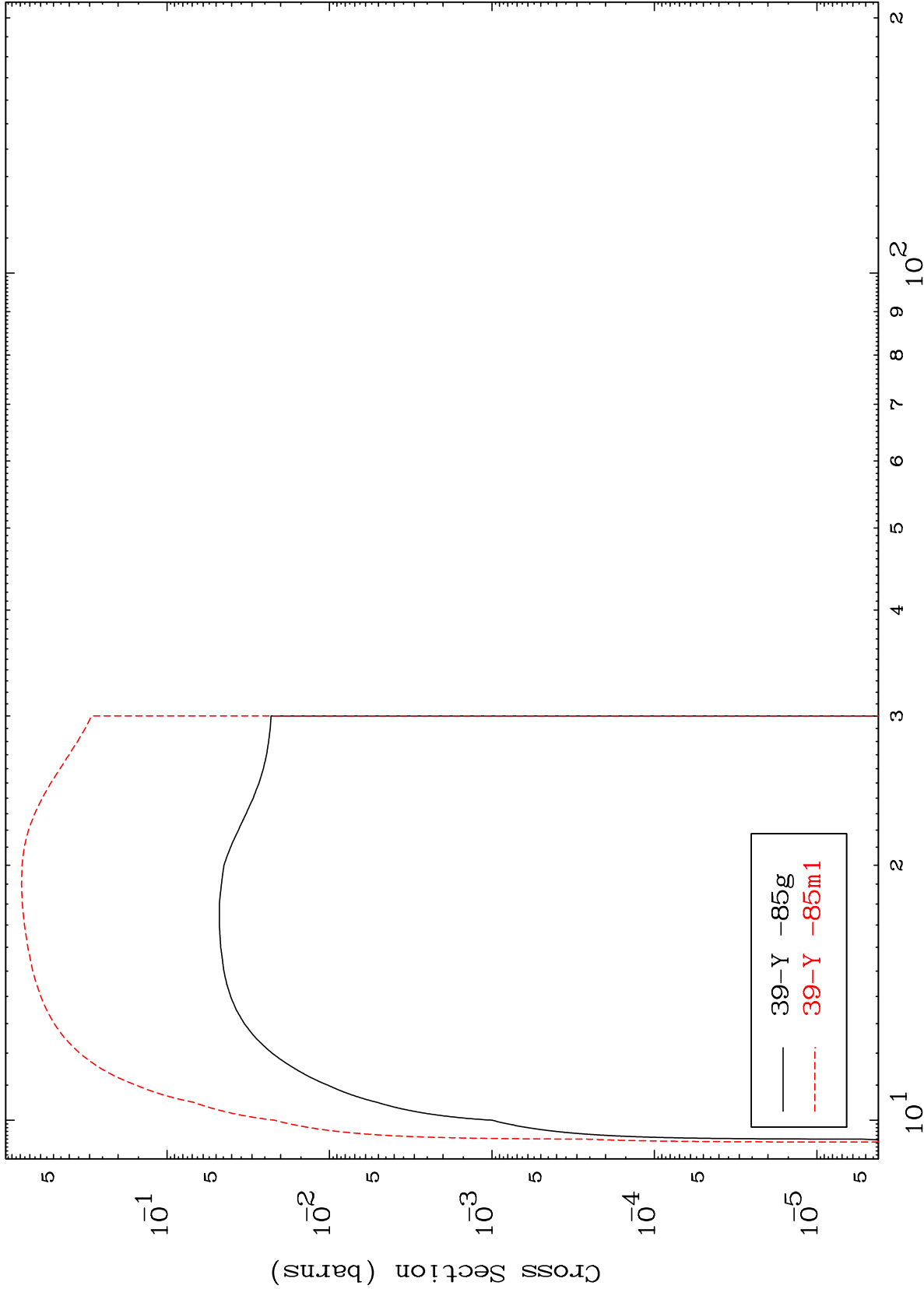


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(n,2n)

39-Y -86

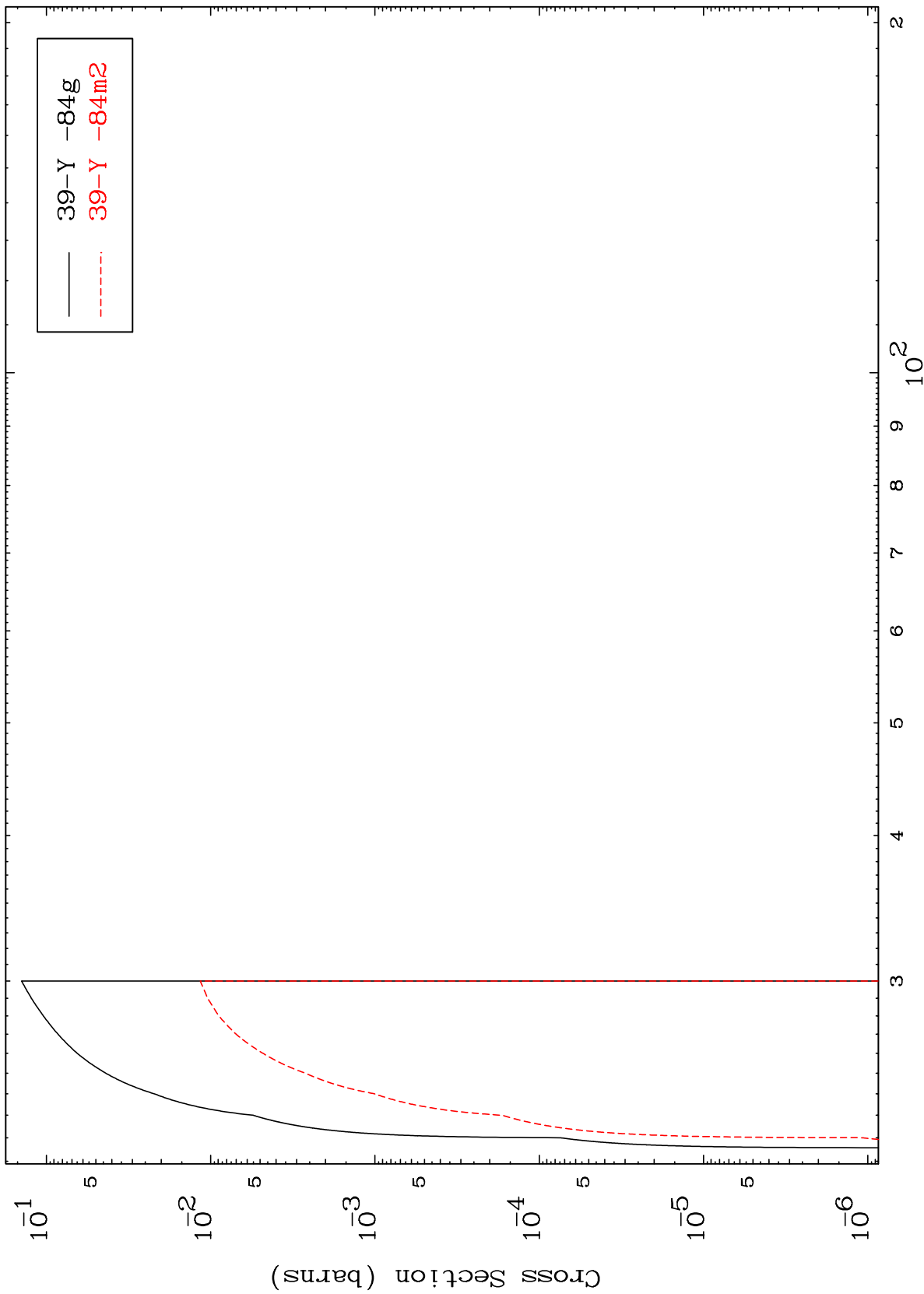
Radionuclide Production Cross Section



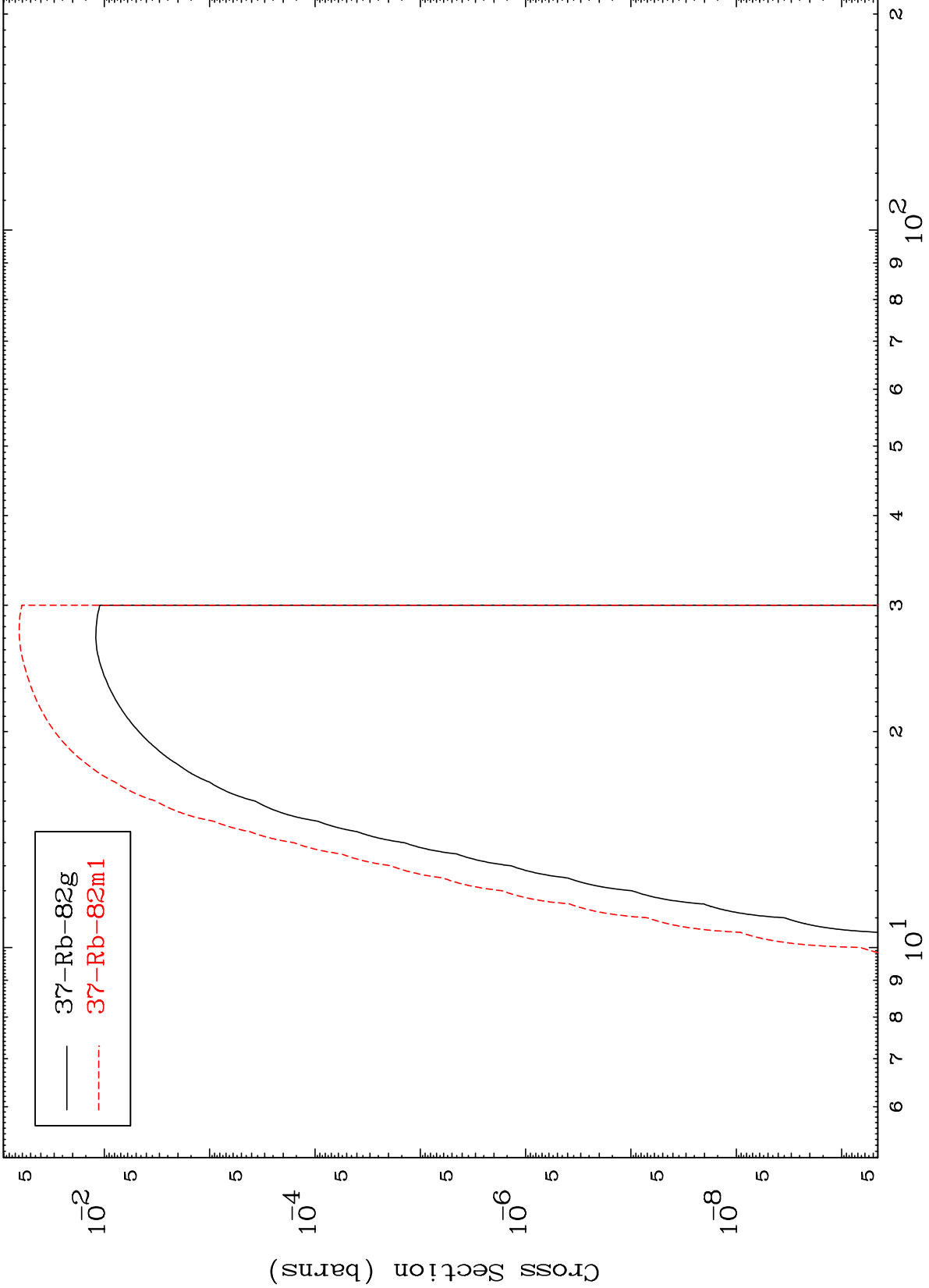
Incident Energy (MeV)

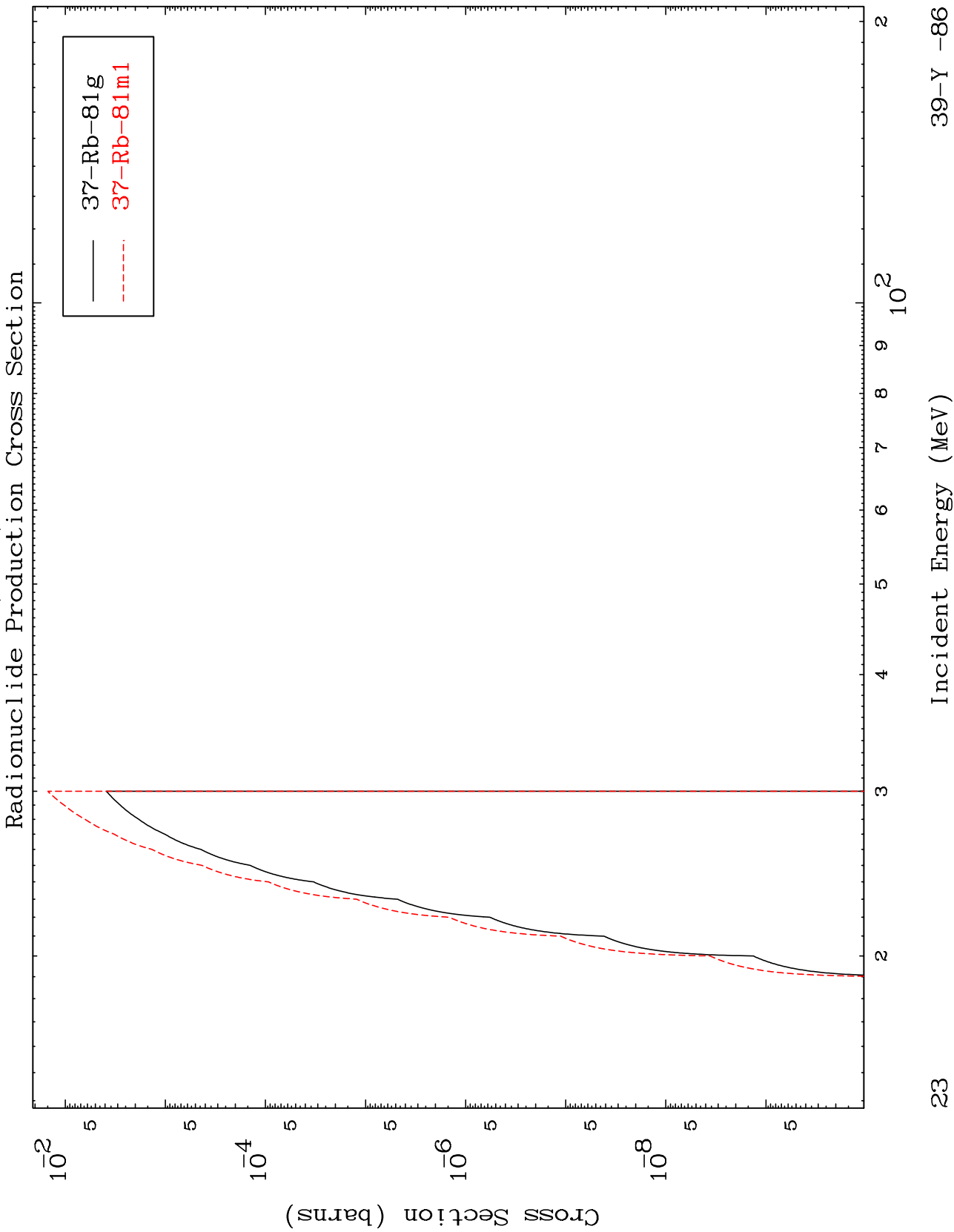
39-Y -86

(n,3n)
Radionuclide Production Cross Section



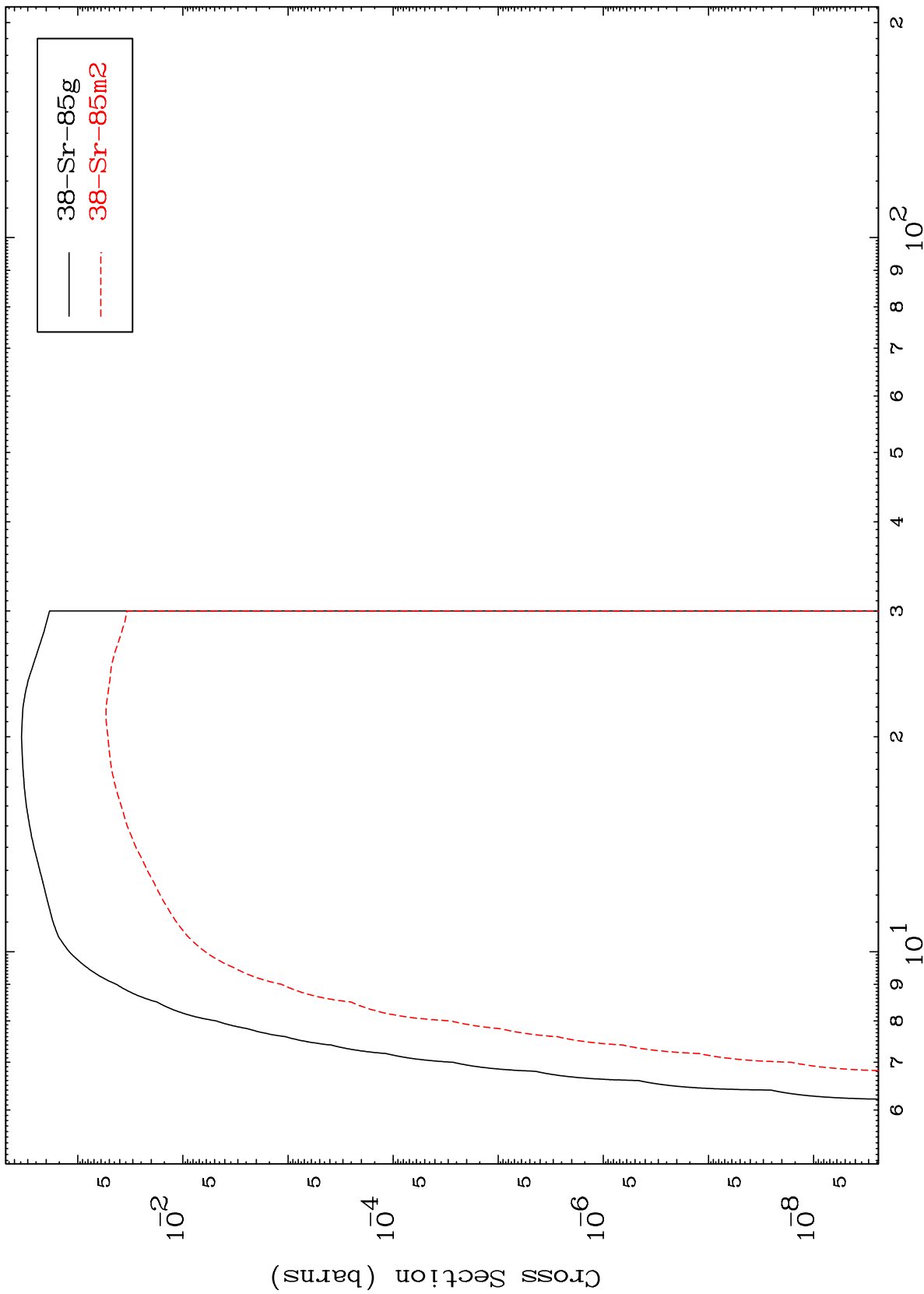
Radionuclide Production Cross Section





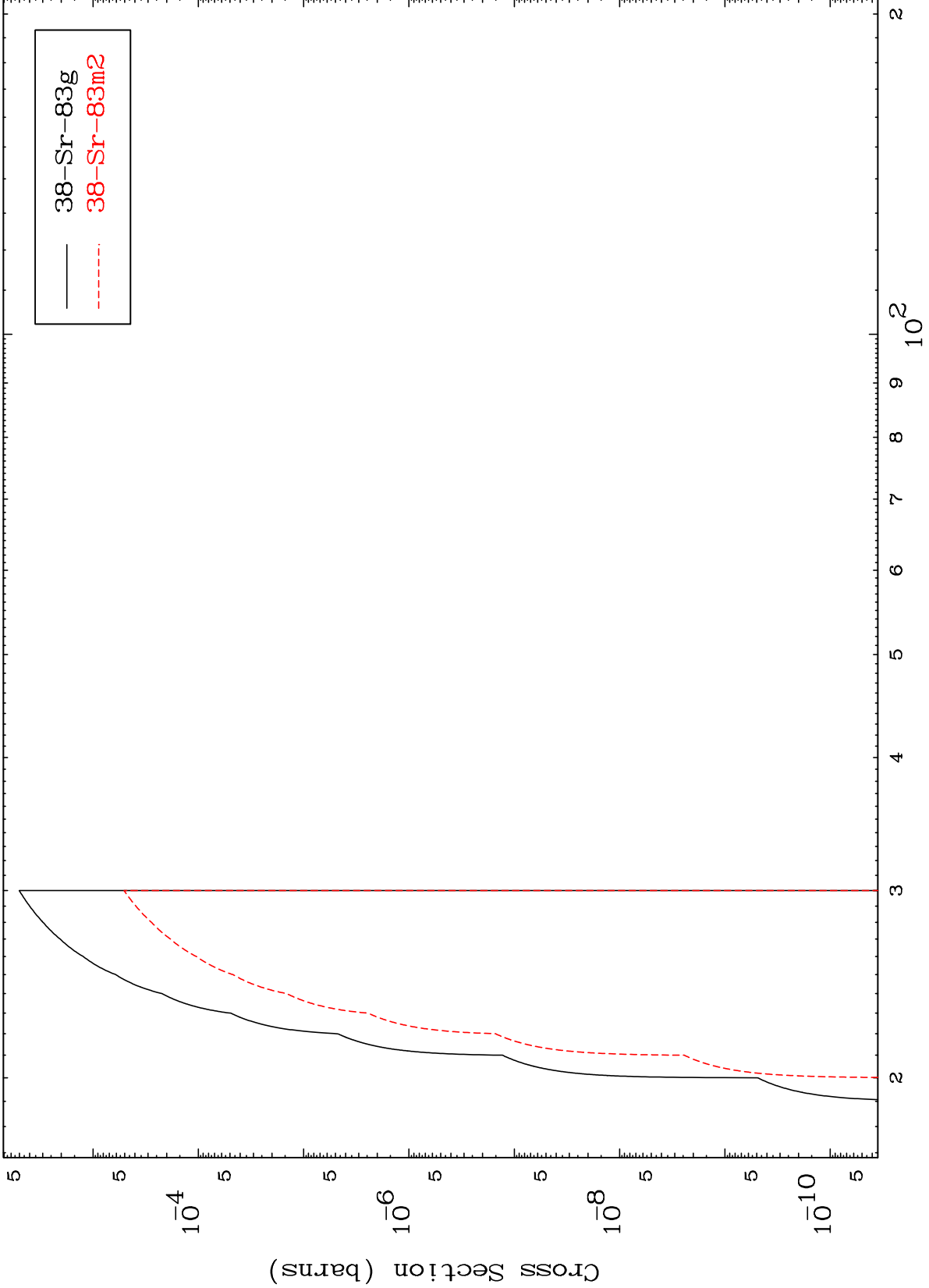
(n,n') p

Radionuclide Production Cross Section

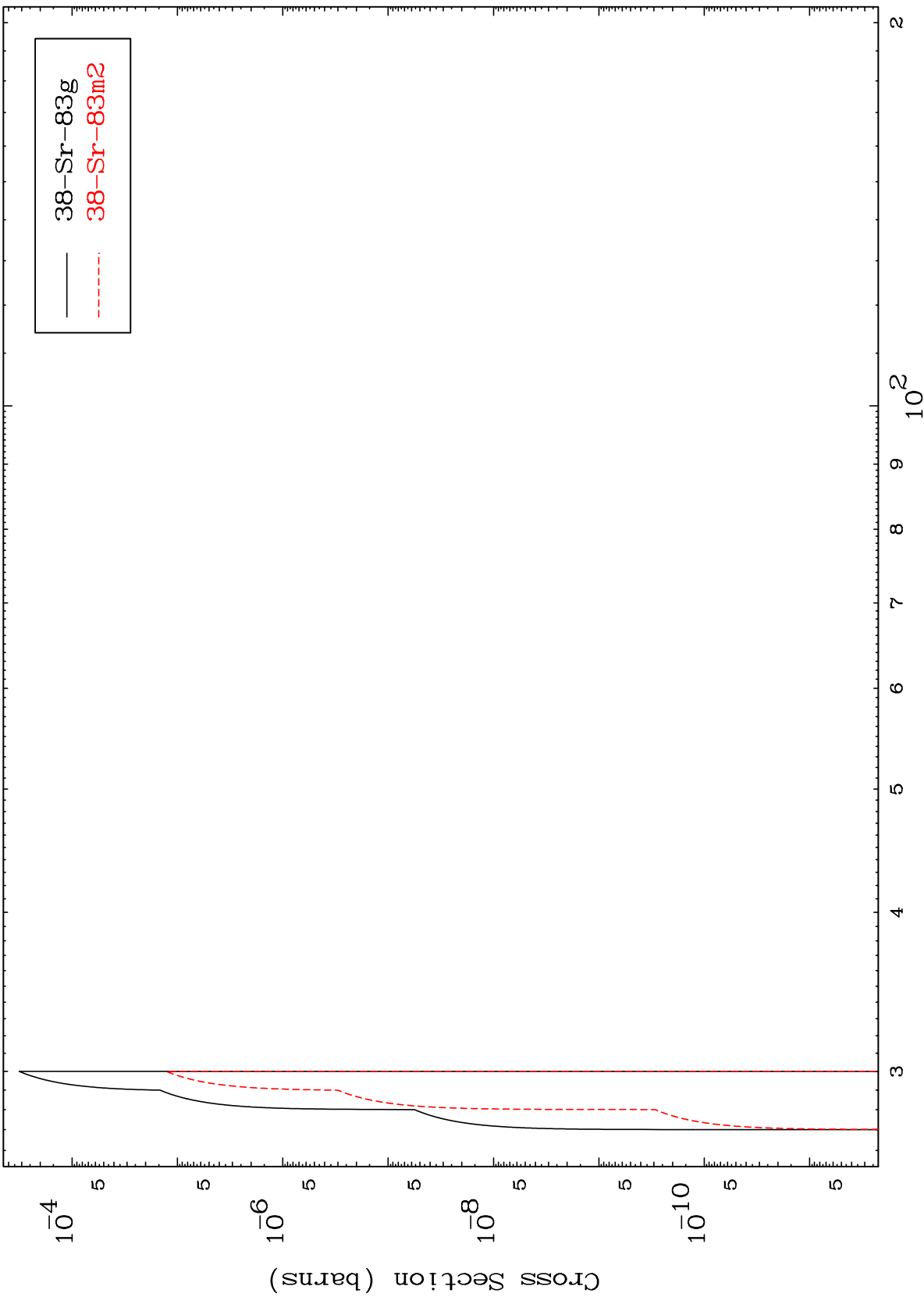


38-Sr-85g
38-Sr-85m2

Radionuclide Production Cross Section

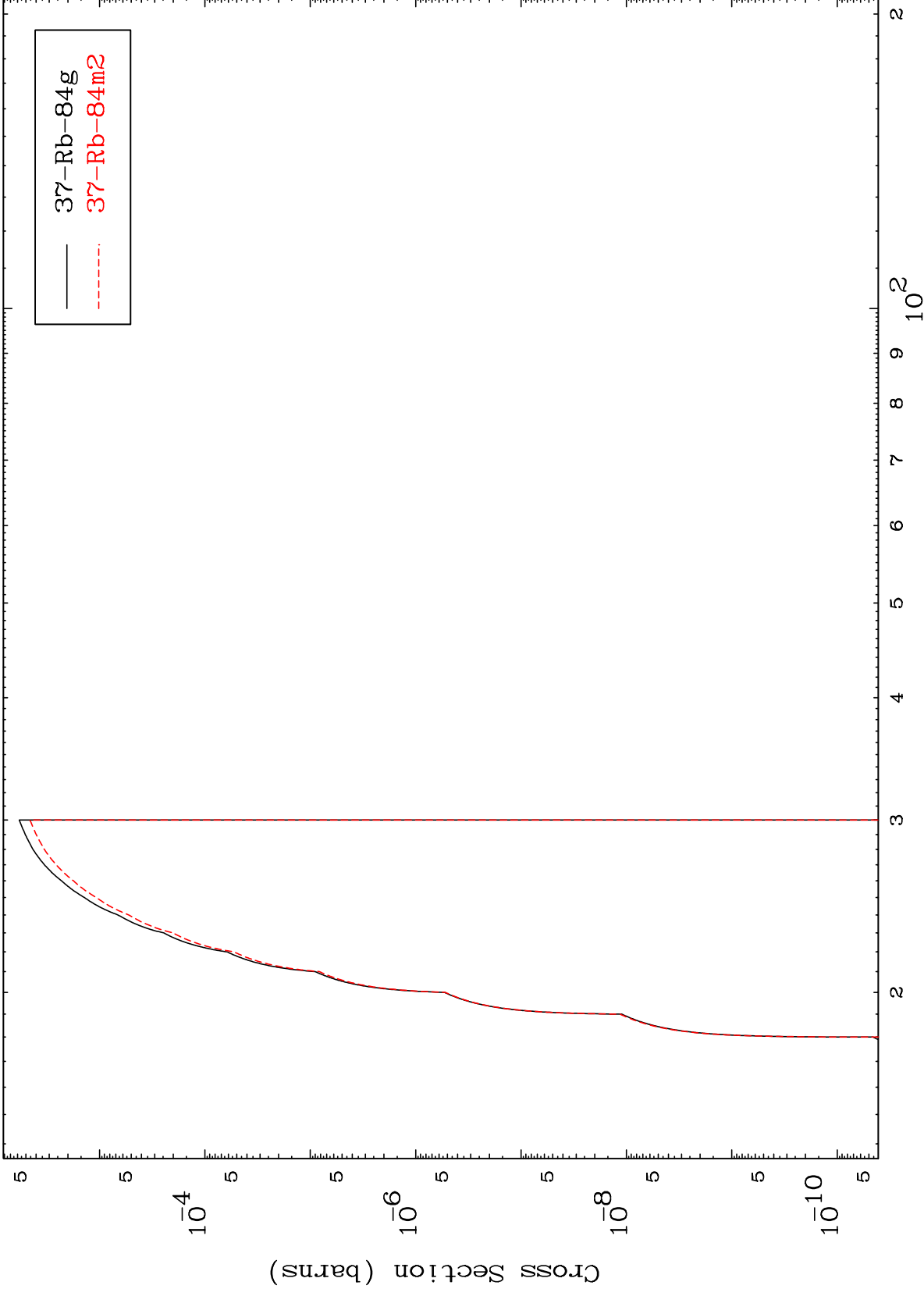


Radionuclide Production Cross Section

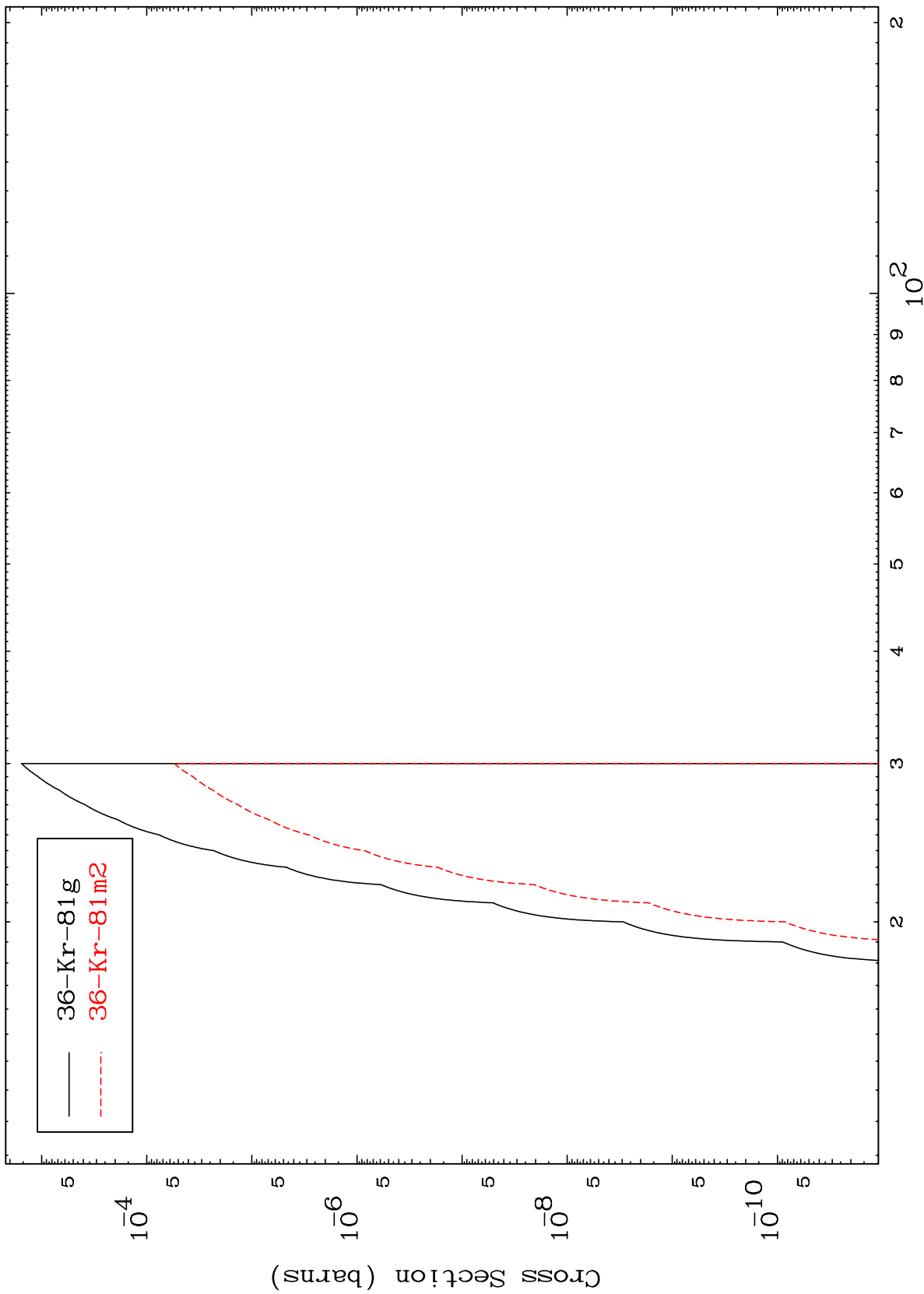


38-Sr-83g
38-Sr-83m2

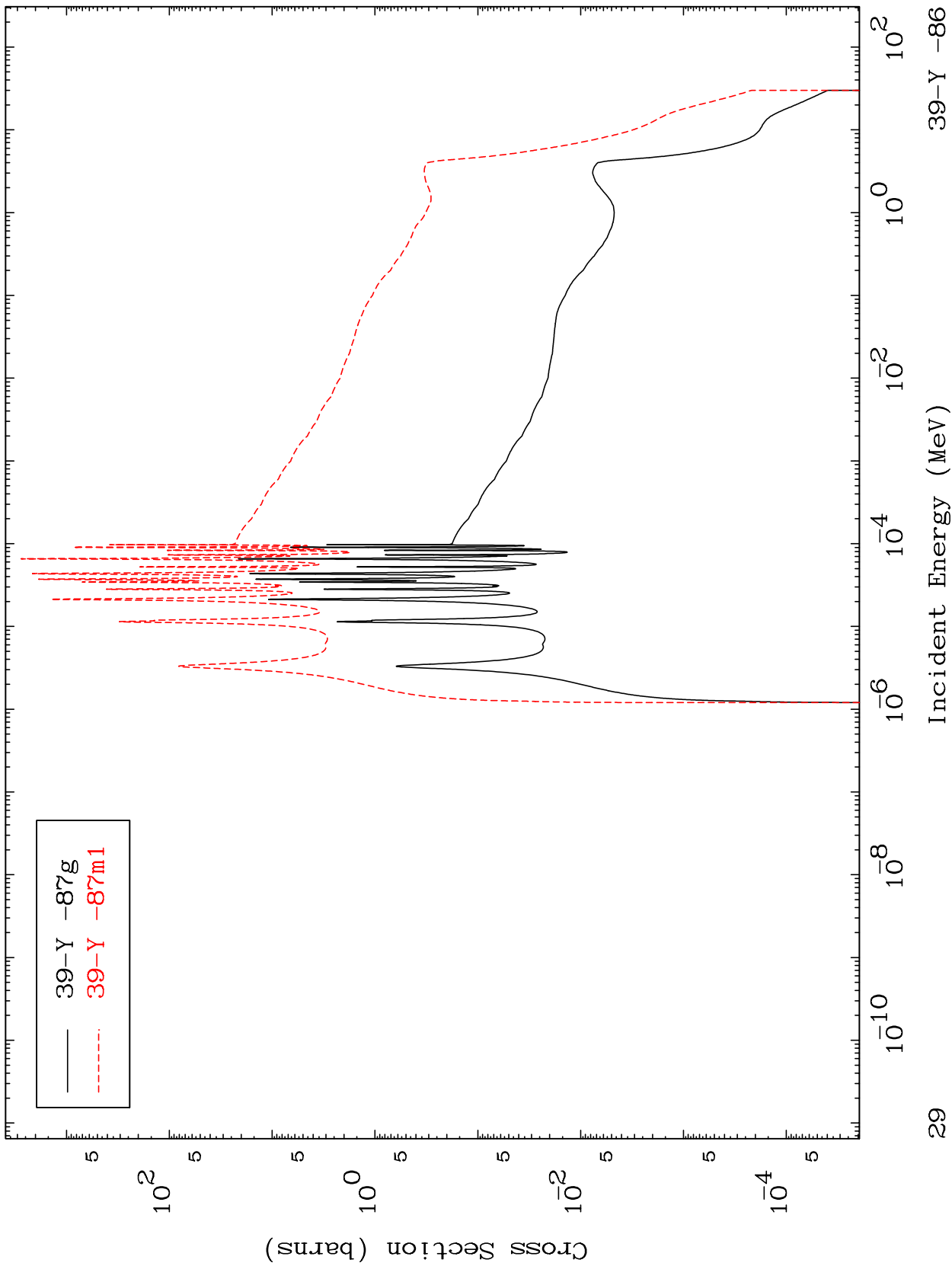
Radionuclide Production Cross Section



Radionuclide Production Cross Section



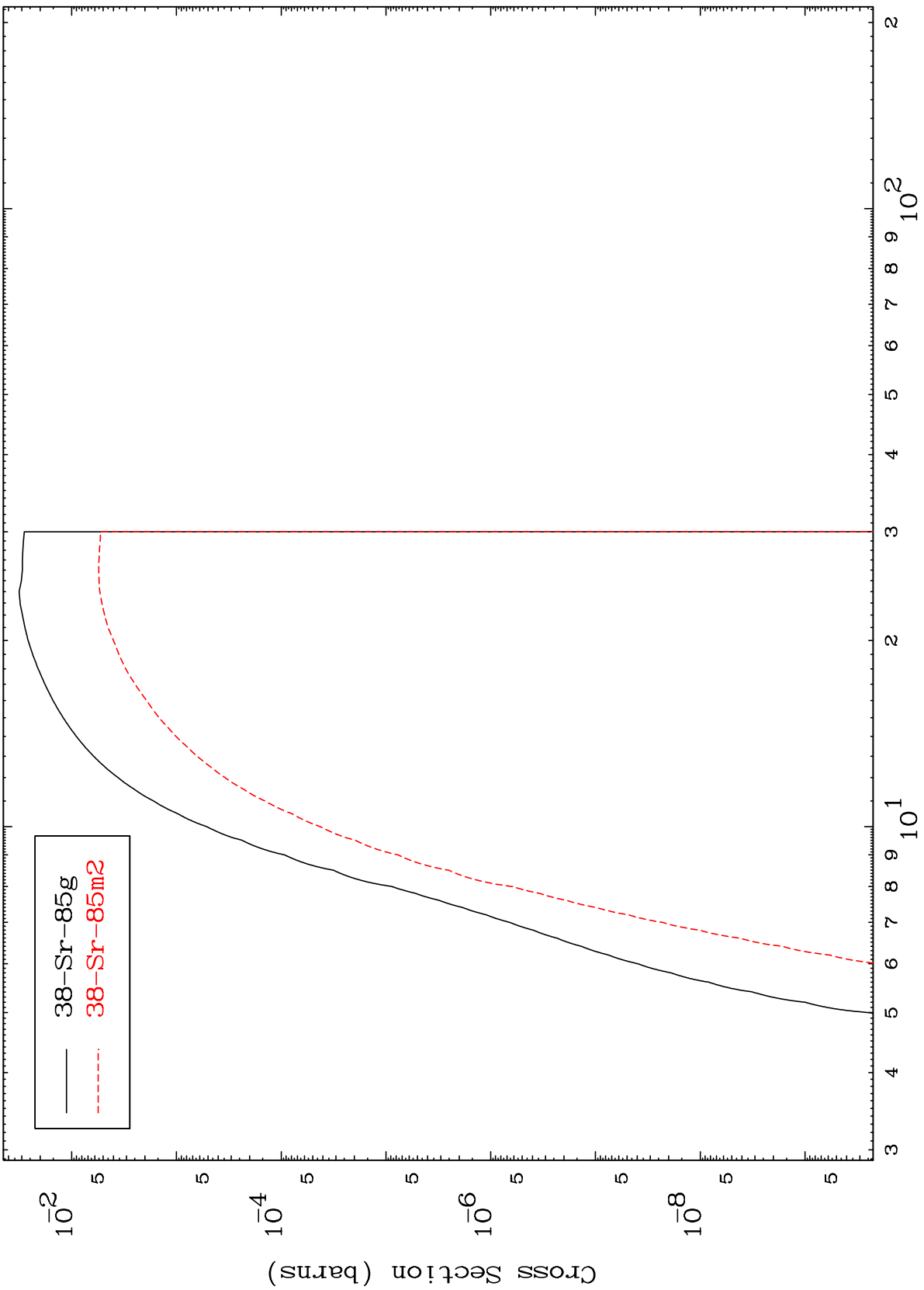
Radionuclide Production Cross Section (n,γ)



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39-Y -86

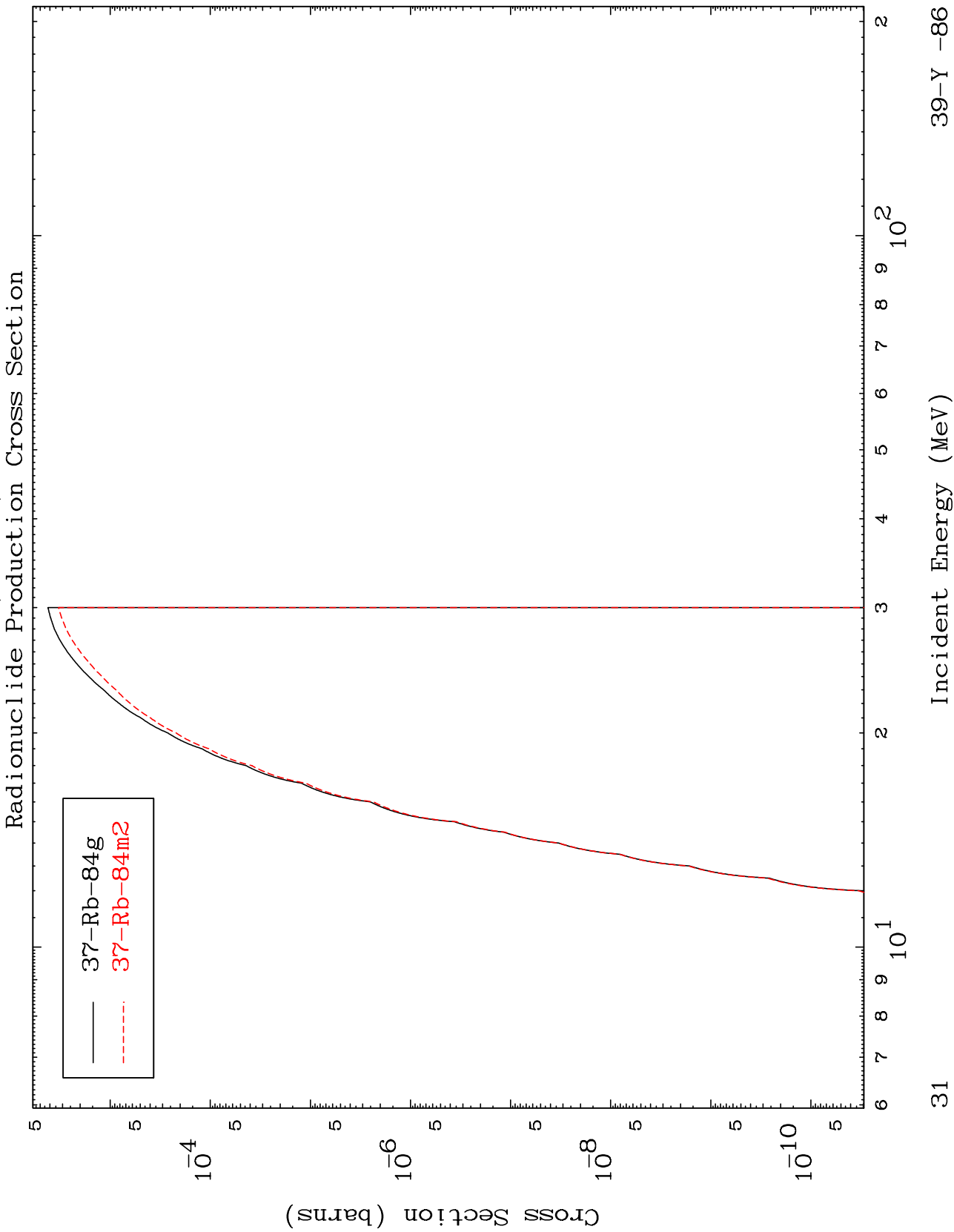
(n,d)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

39-Y -86

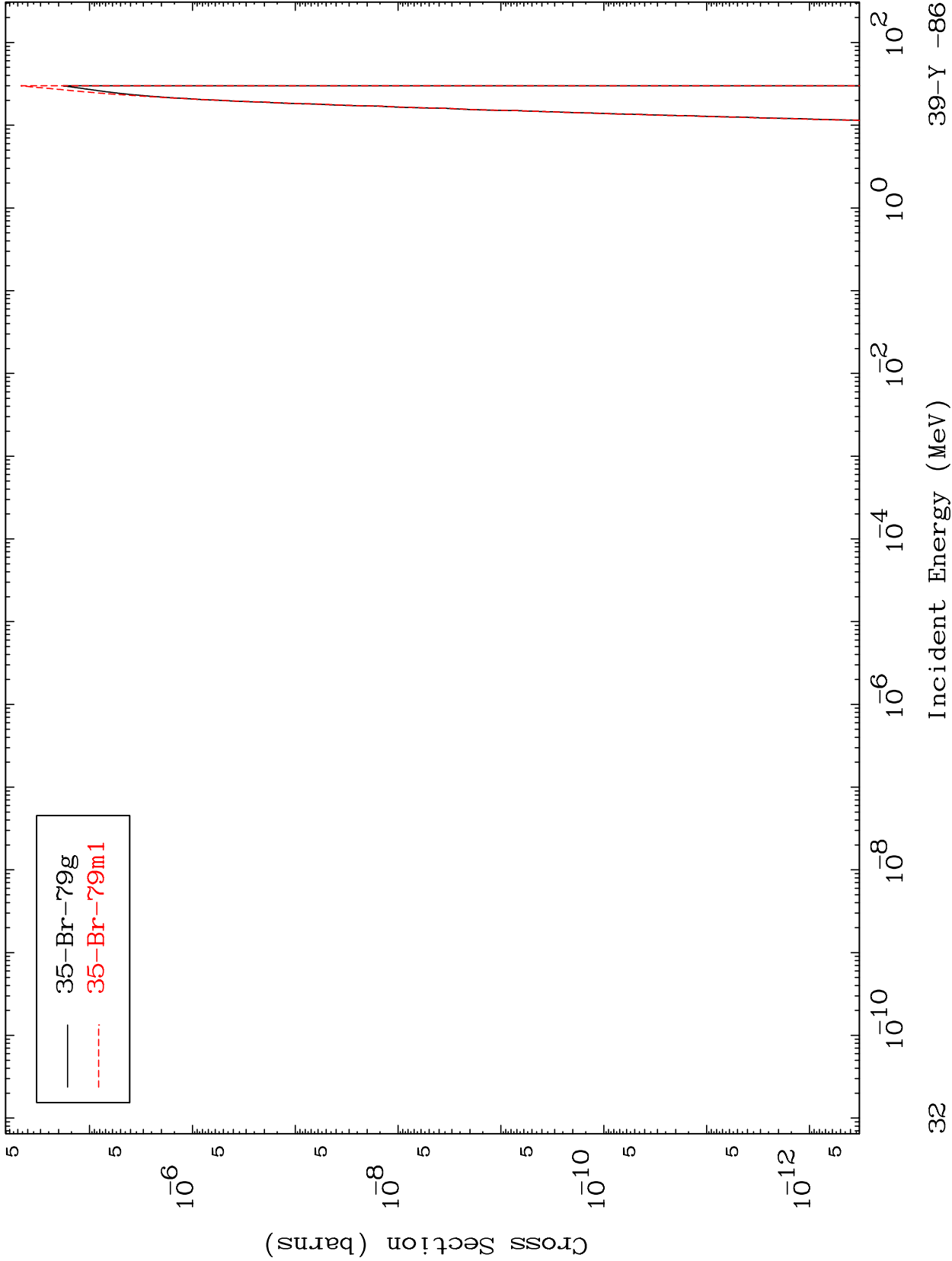


MAT 3917

(n,2α)

39-Y -86

Radionuclide Production Cross Section

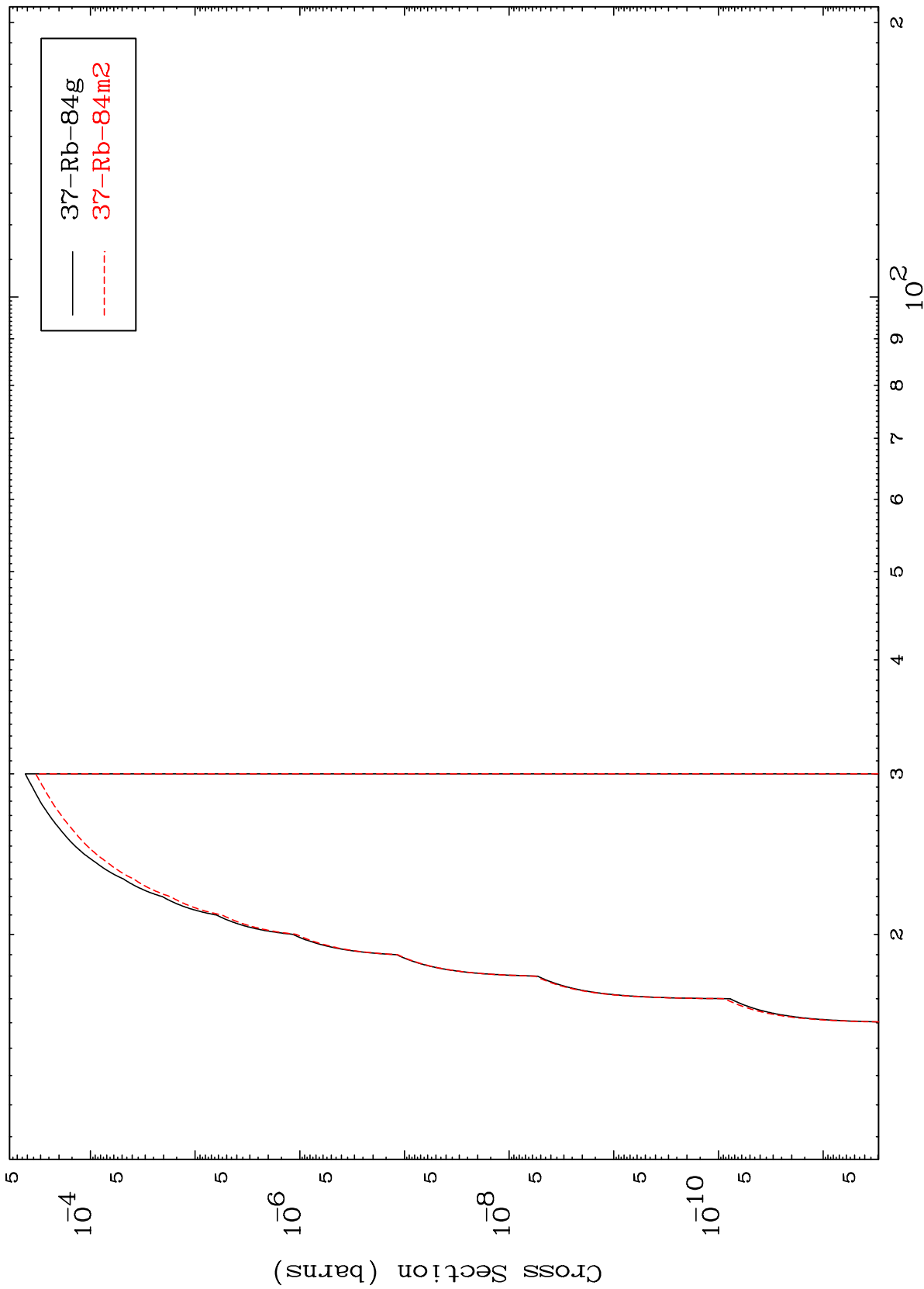


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Incident Energy (MeV)

39-Y -86

Radionuclide Production Cross Section



Radionuclide Production Cross Section

