

Program EVALPLOT
(Version 2018-1)

by

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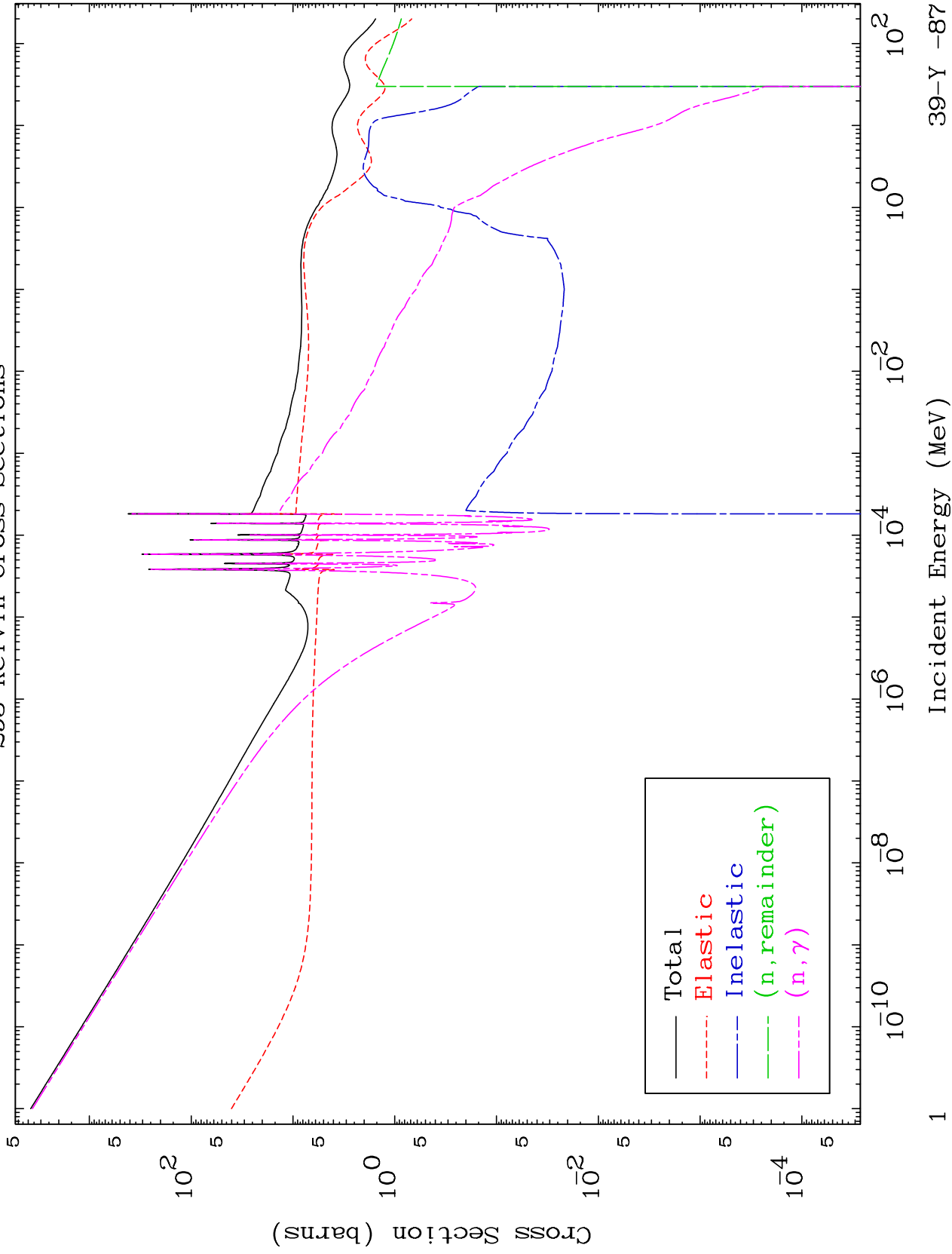
Press Mouse Button to Start

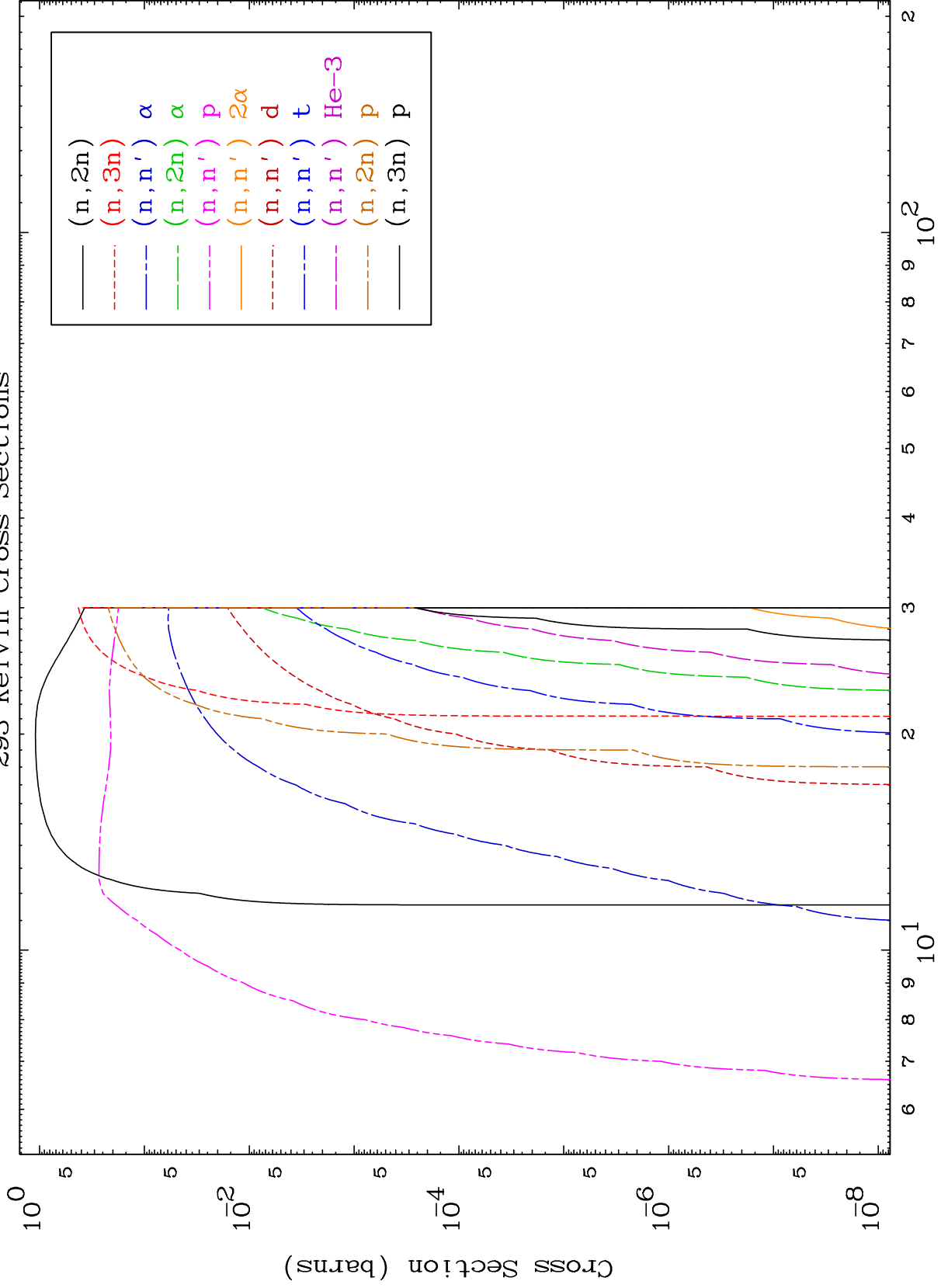
MAT 3920

Major

293 Kelvin Cross Sections

39-Y -87

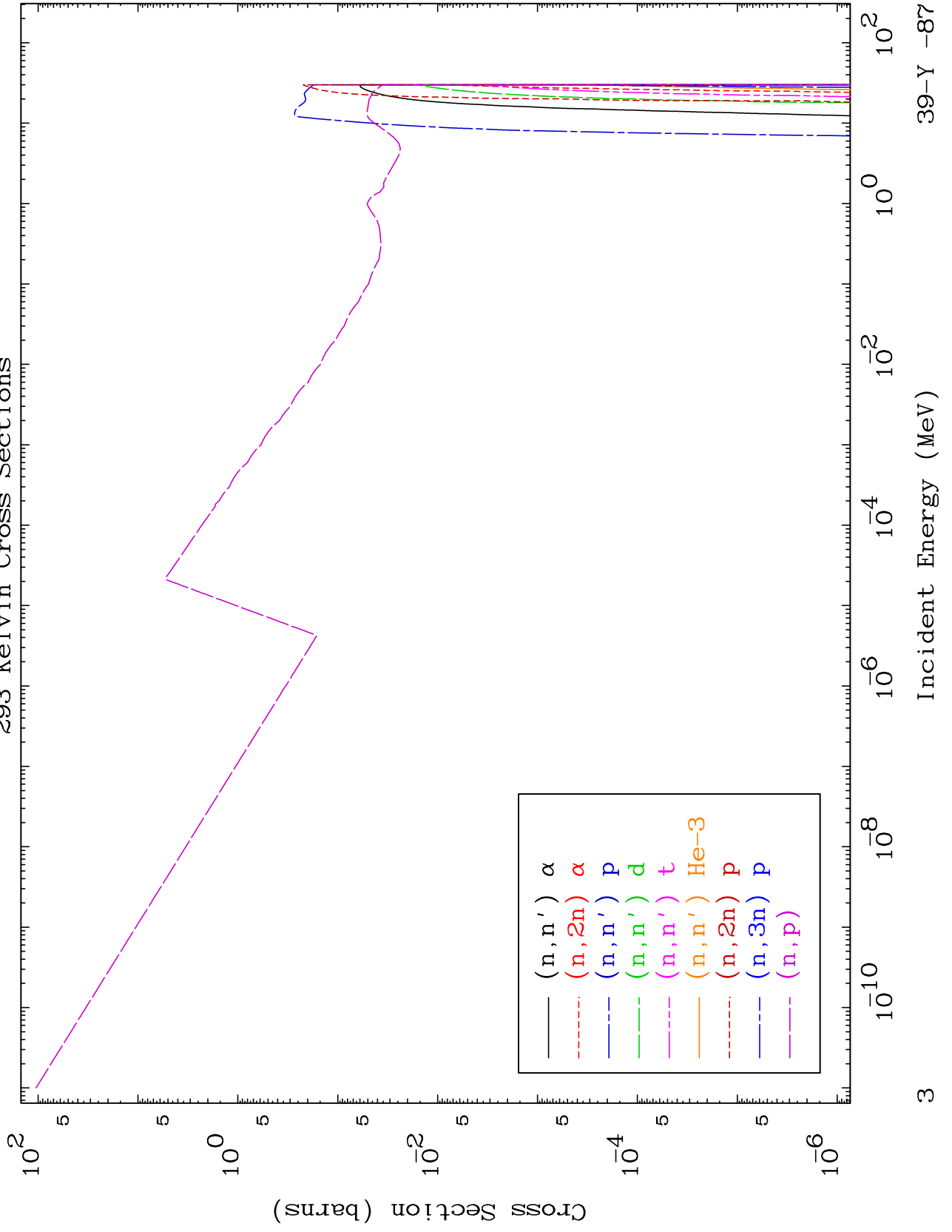




MAT 3920

Charged Particle
293 Kelvin Cross Sections

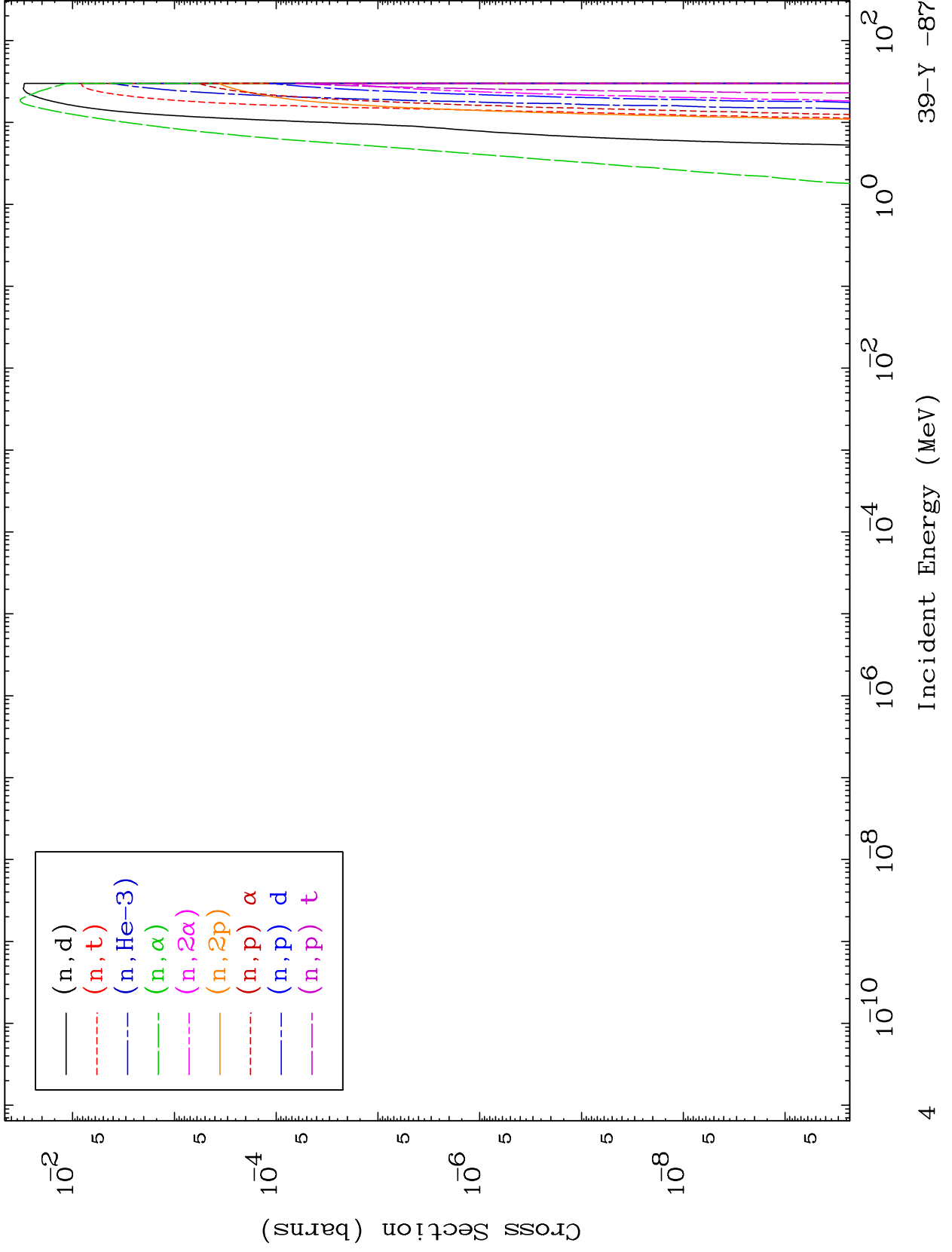
39-Y -87



MAT 3920

Charged Particle
293 Kelvin Cross Sections

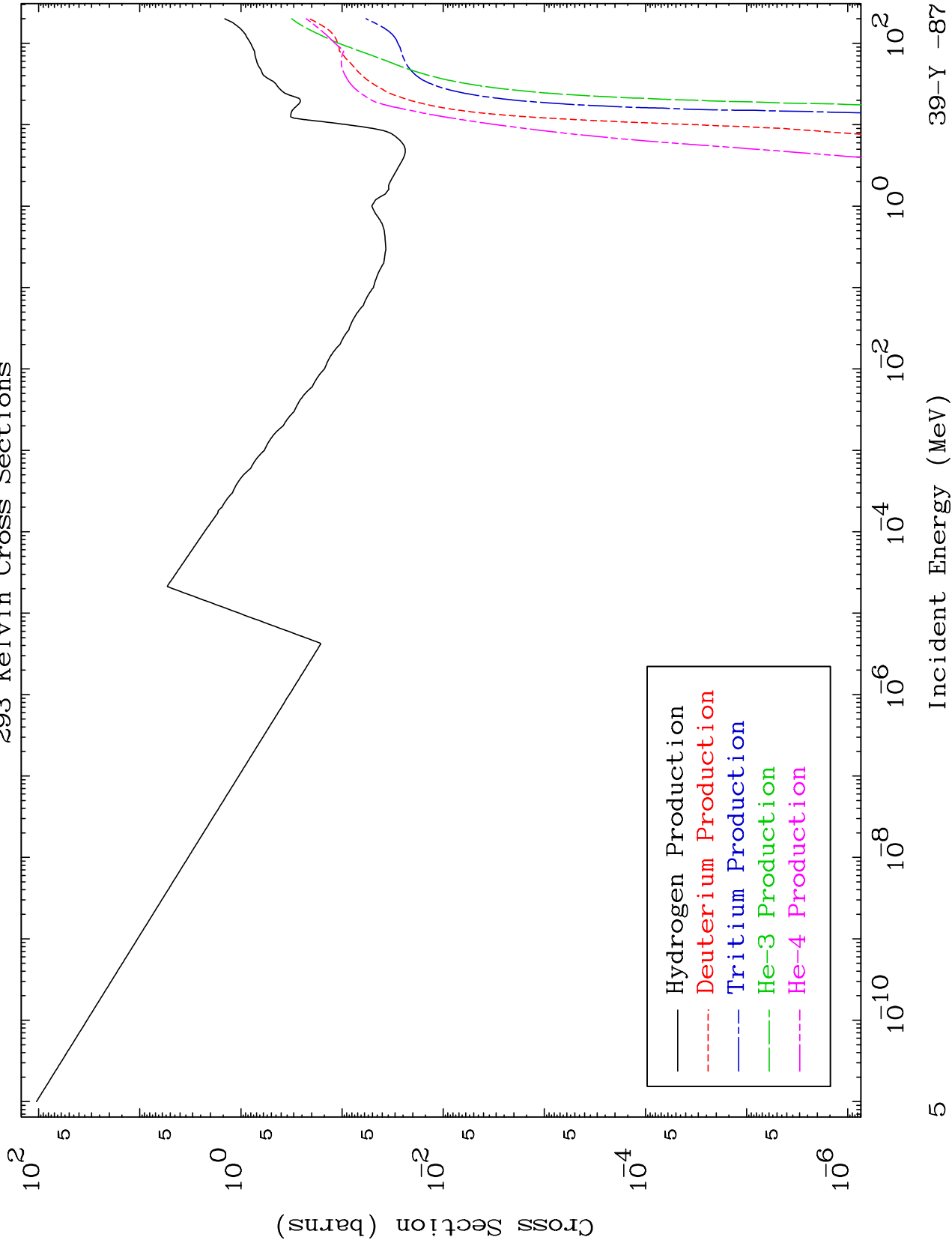
39-Y -87



MAT 3920

Particle Production
293 Kelvin Cross Sections

39-Y -87



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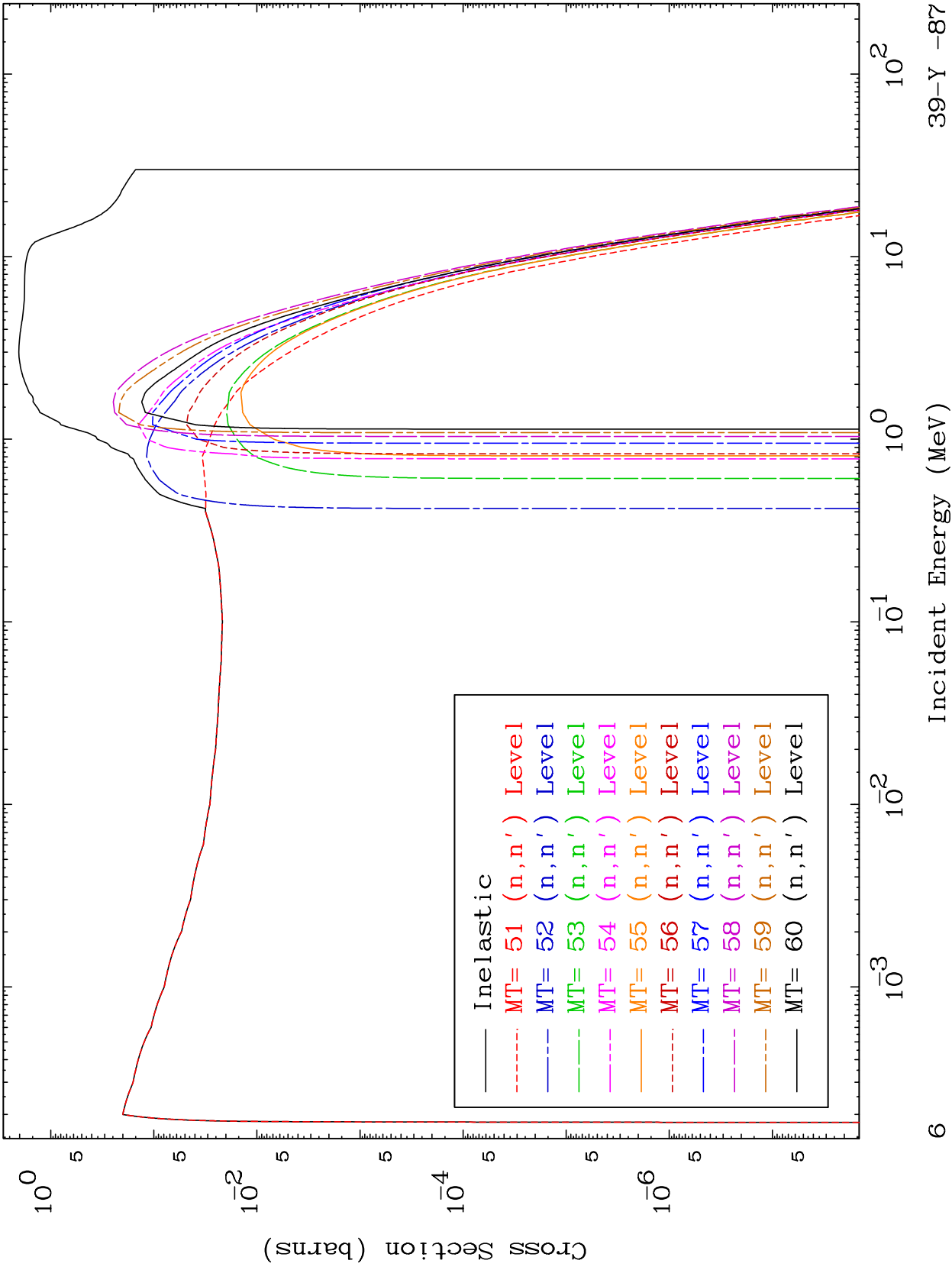
Incident Energy (MeV)

39-Y -87

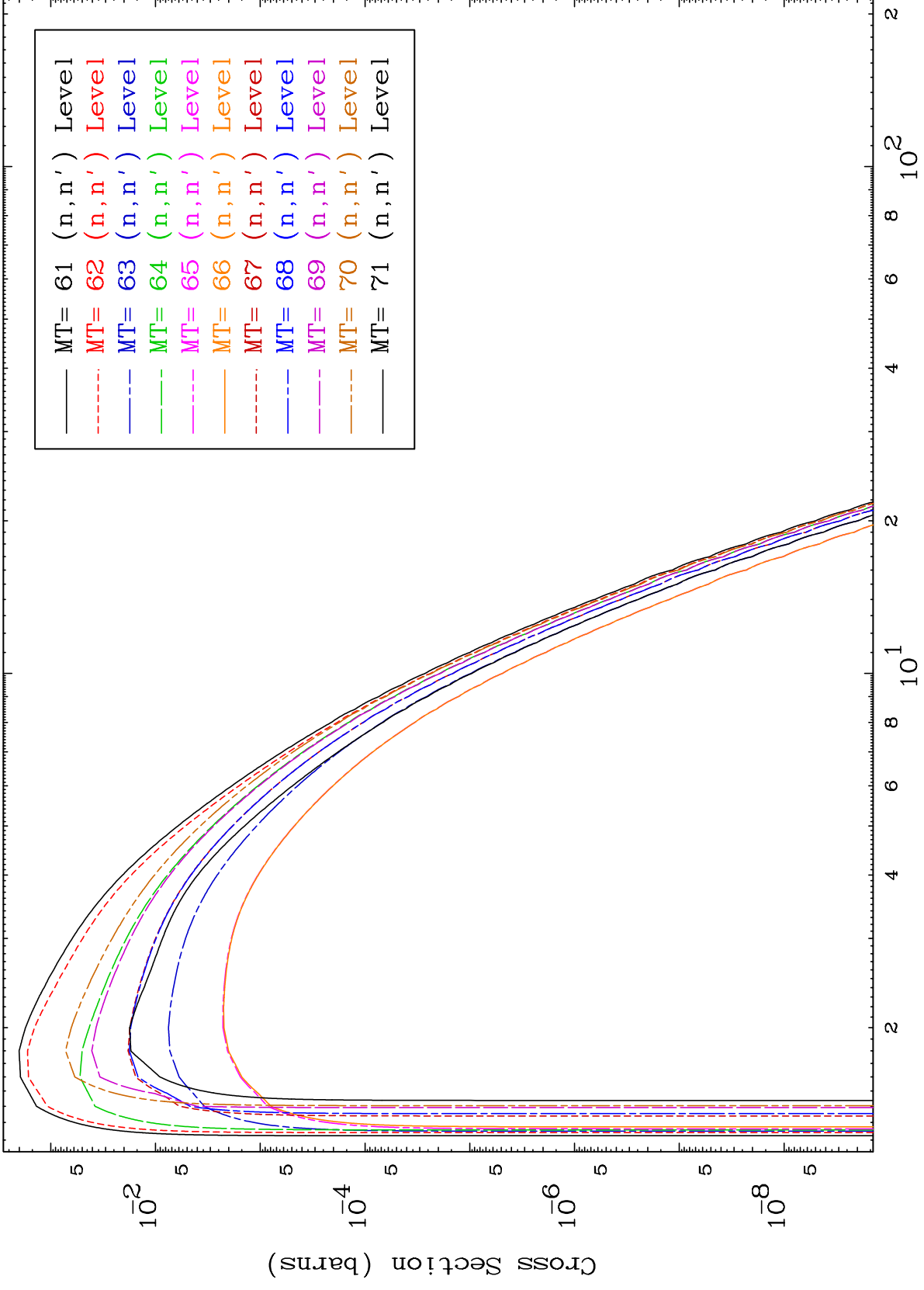
MAT 3920

(n,n') Level
293 Kelvin Cross Sections

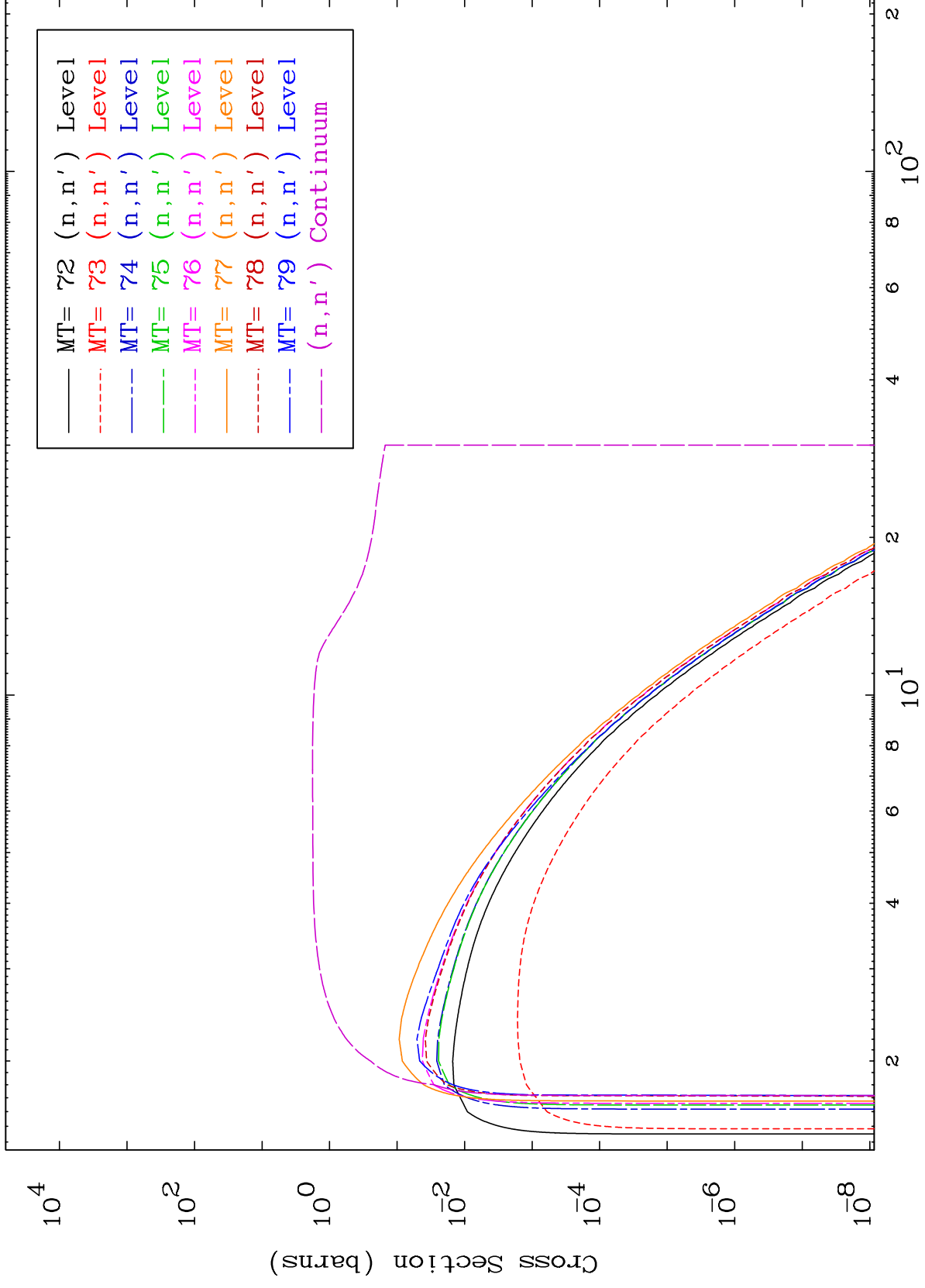
39-Y -87



293 Kelvin Cross Sections



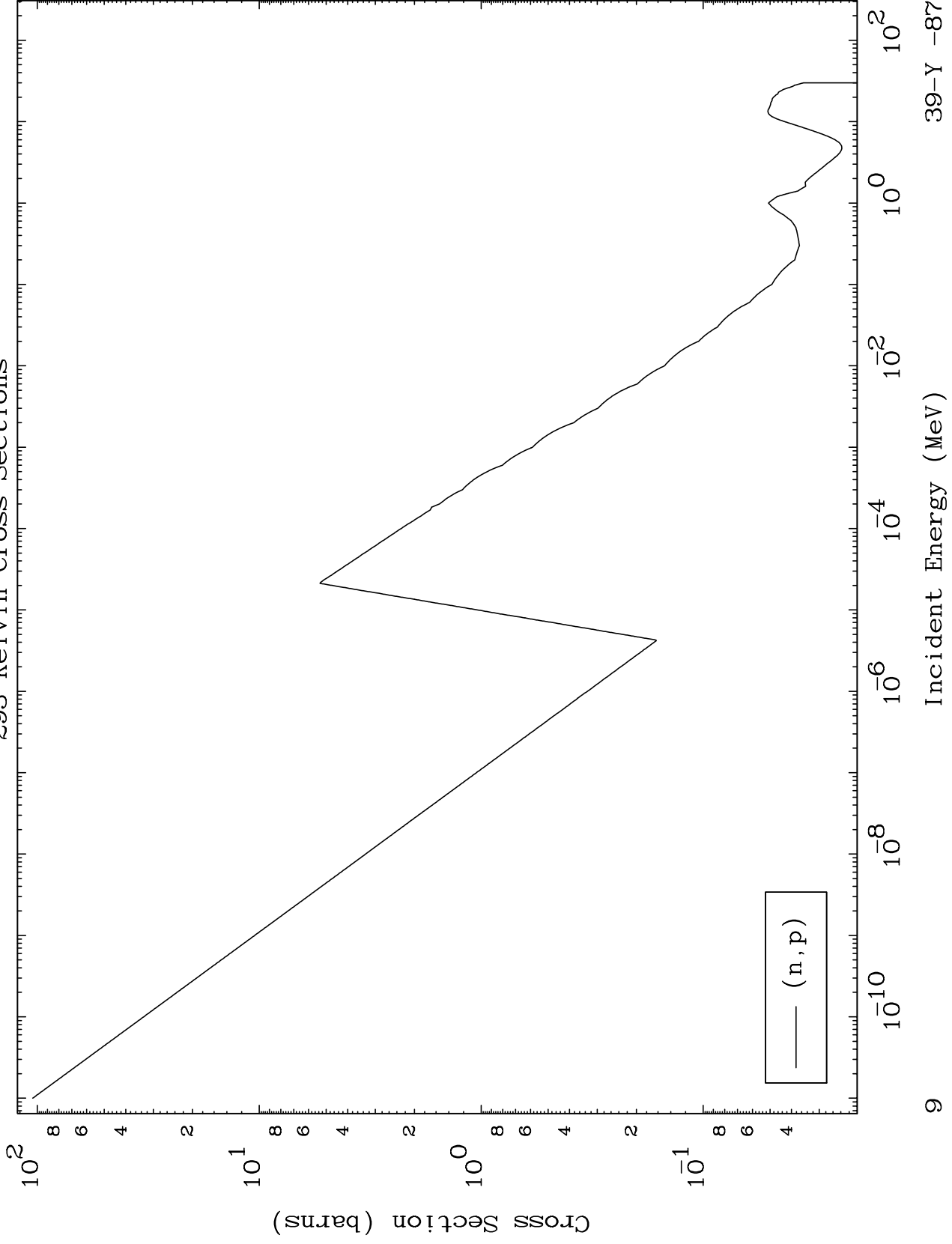
293 Kelvin Cross Sections



MAT 3920

(n,p) Levels
293 Kelvin Cross Sections

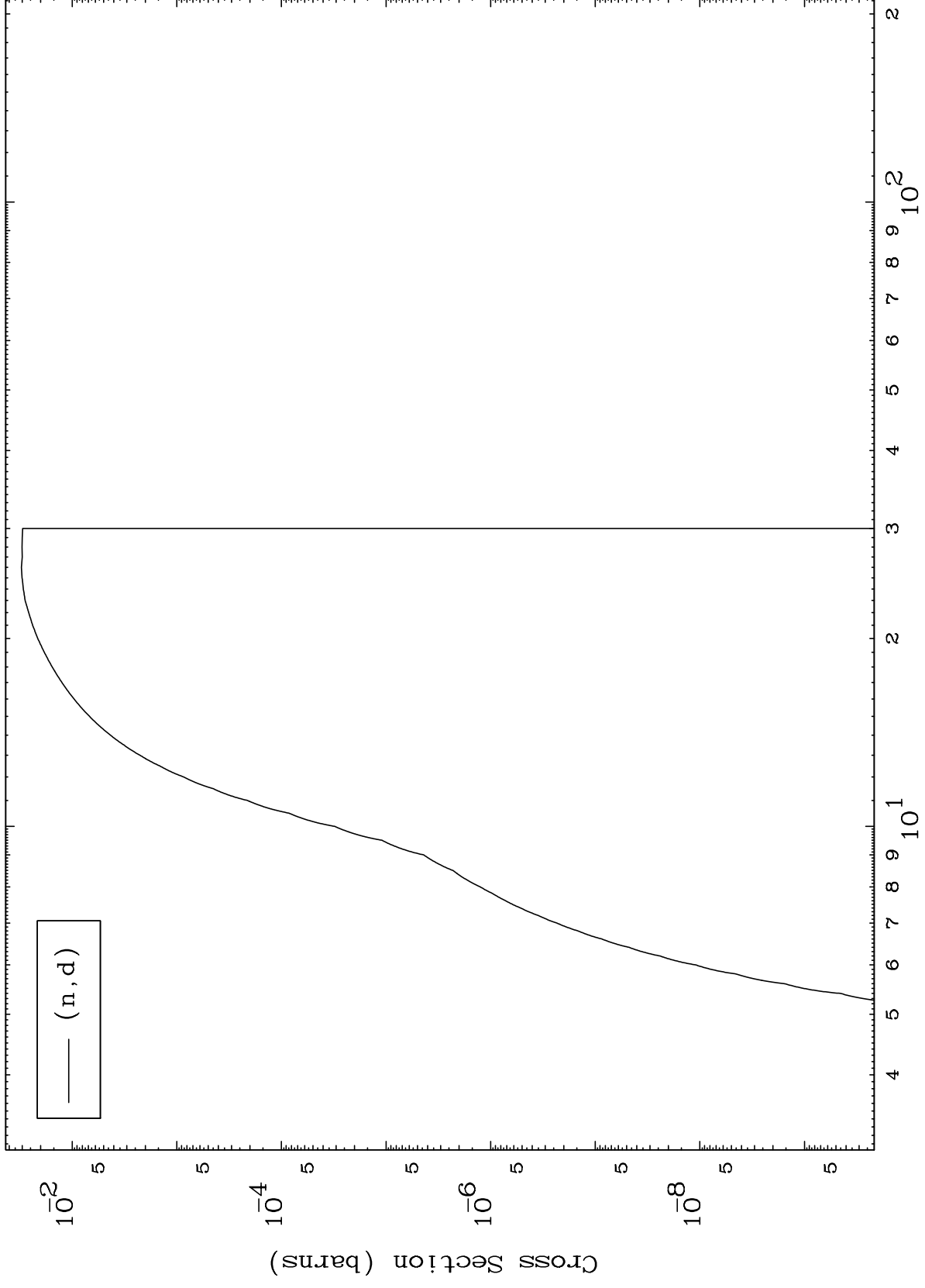
39-Y -87



MAT 3920

(n,d) Levels
293 Kelvin Cross Sections

39-Y -87



Incident Energy (MeV)

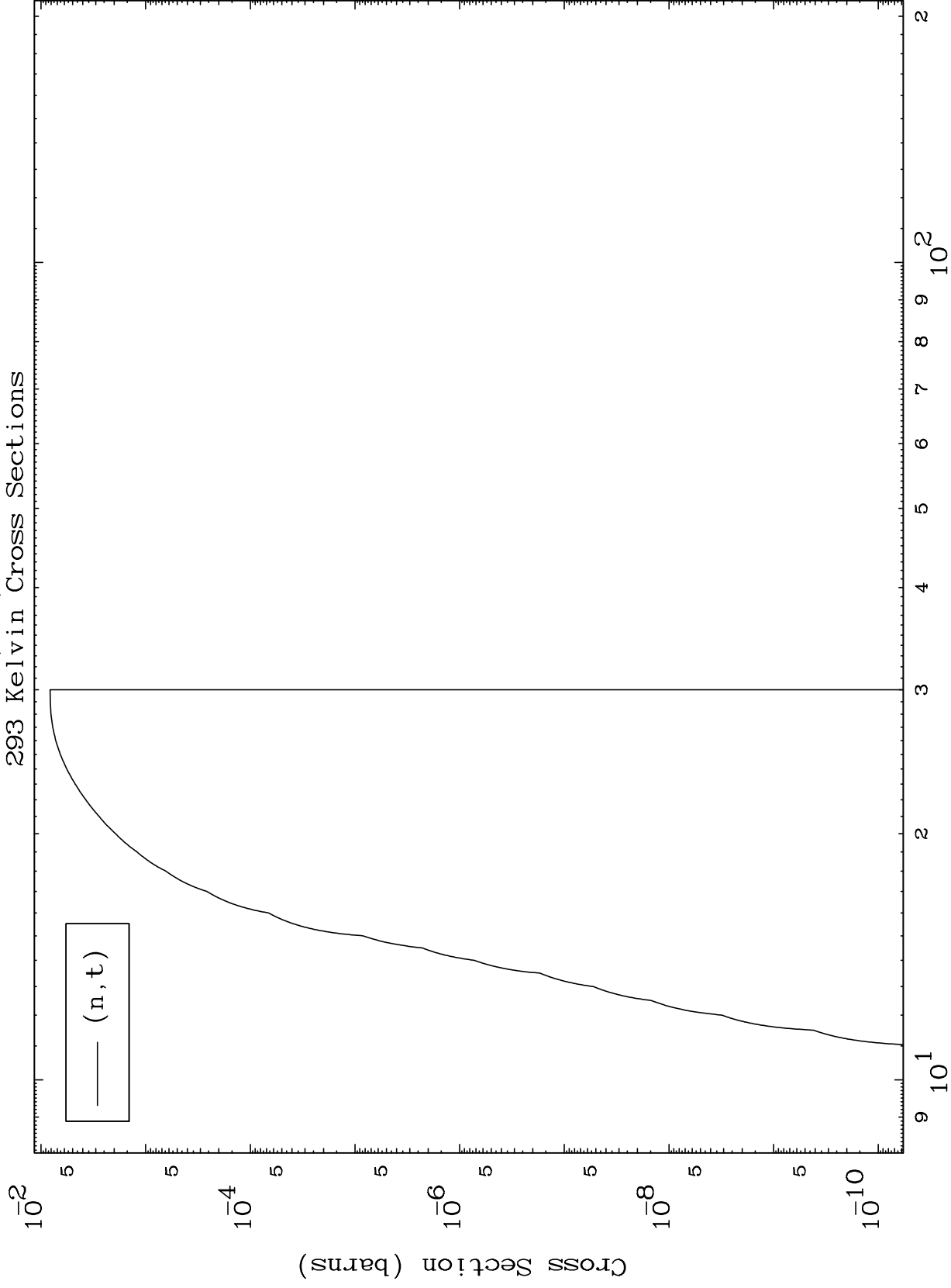
39-Y -87

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MAT 3920

(n,t) Levels
293 Kelvin Cross Sections

39-Y -87



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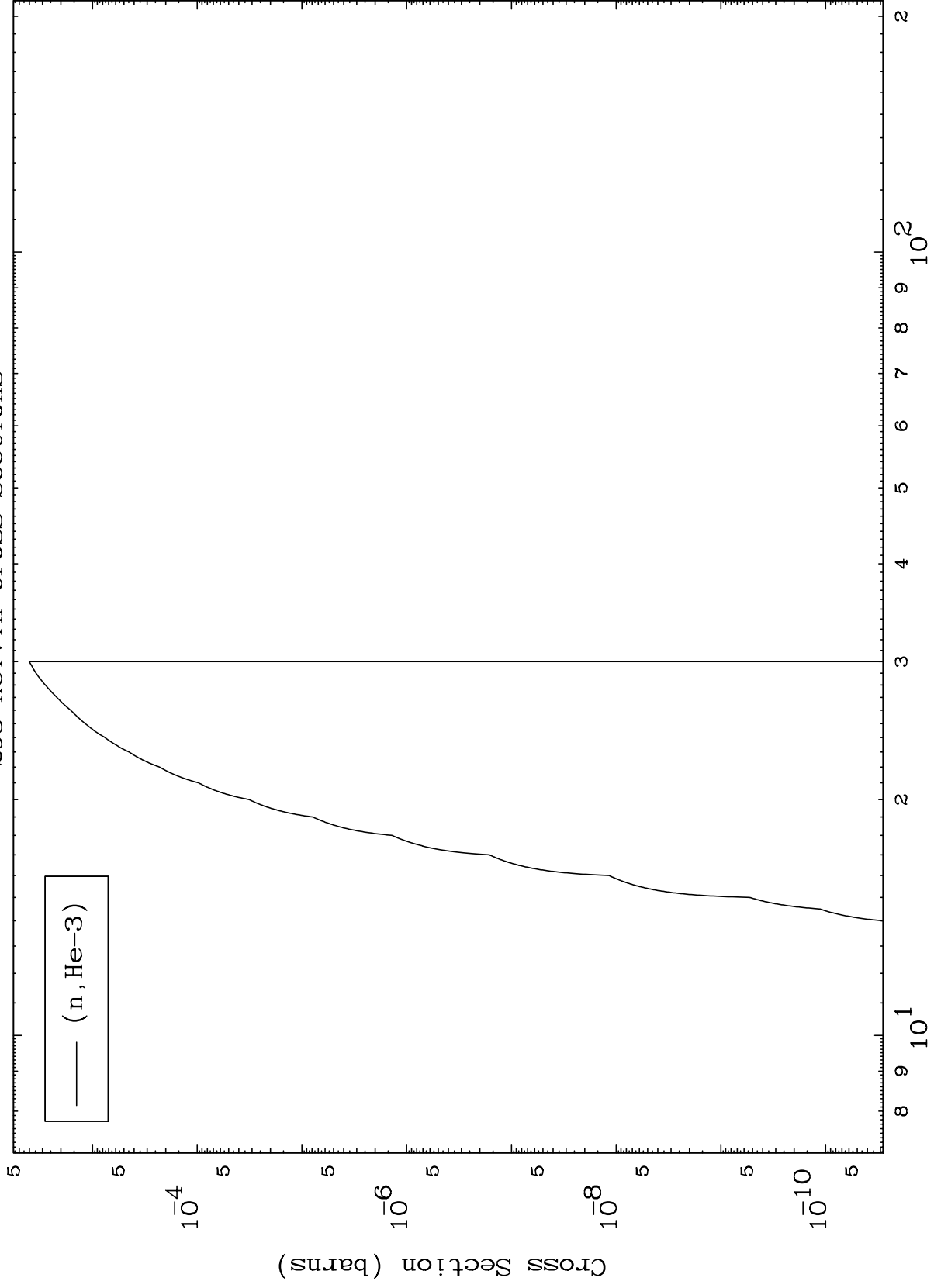
Incident Energy (MeV)

39-Y -87

MAT 3920

(n,He3) Levels
293 Kelvin Cross Sections

39-Y -87



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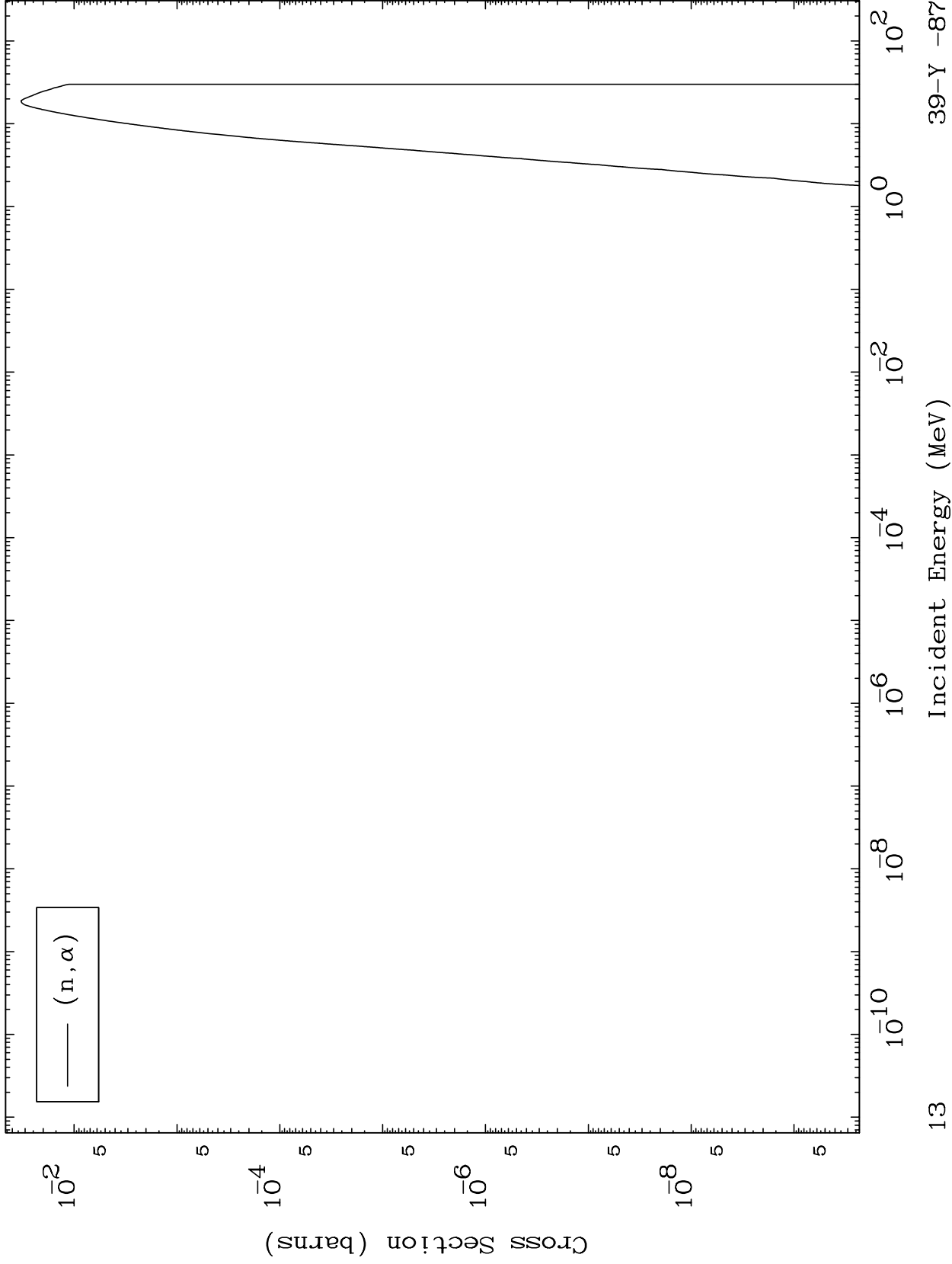
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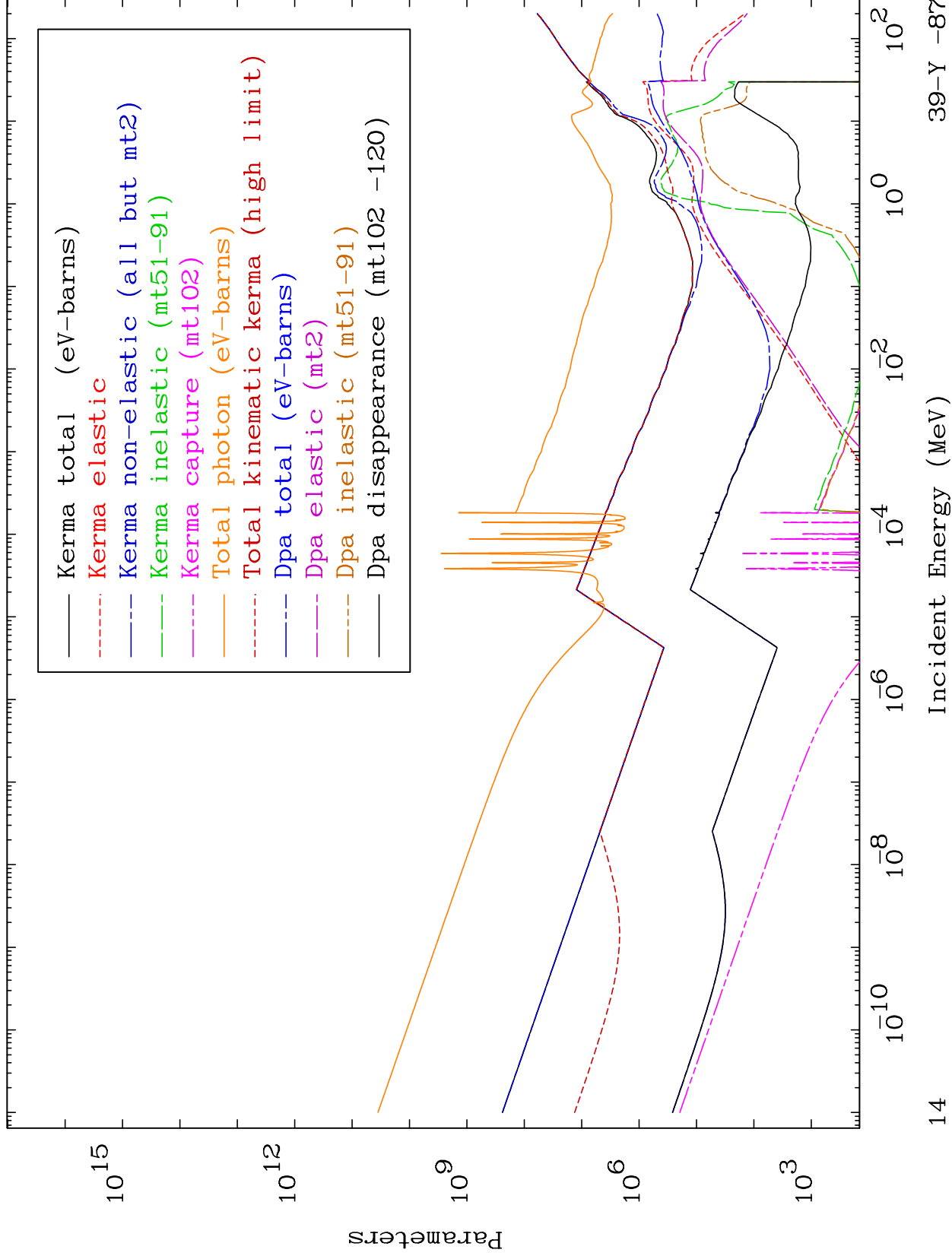
39-Y -87

MAT 3920

(n, α) Levels
293 Kelvin Cross Sections

39-Y -87

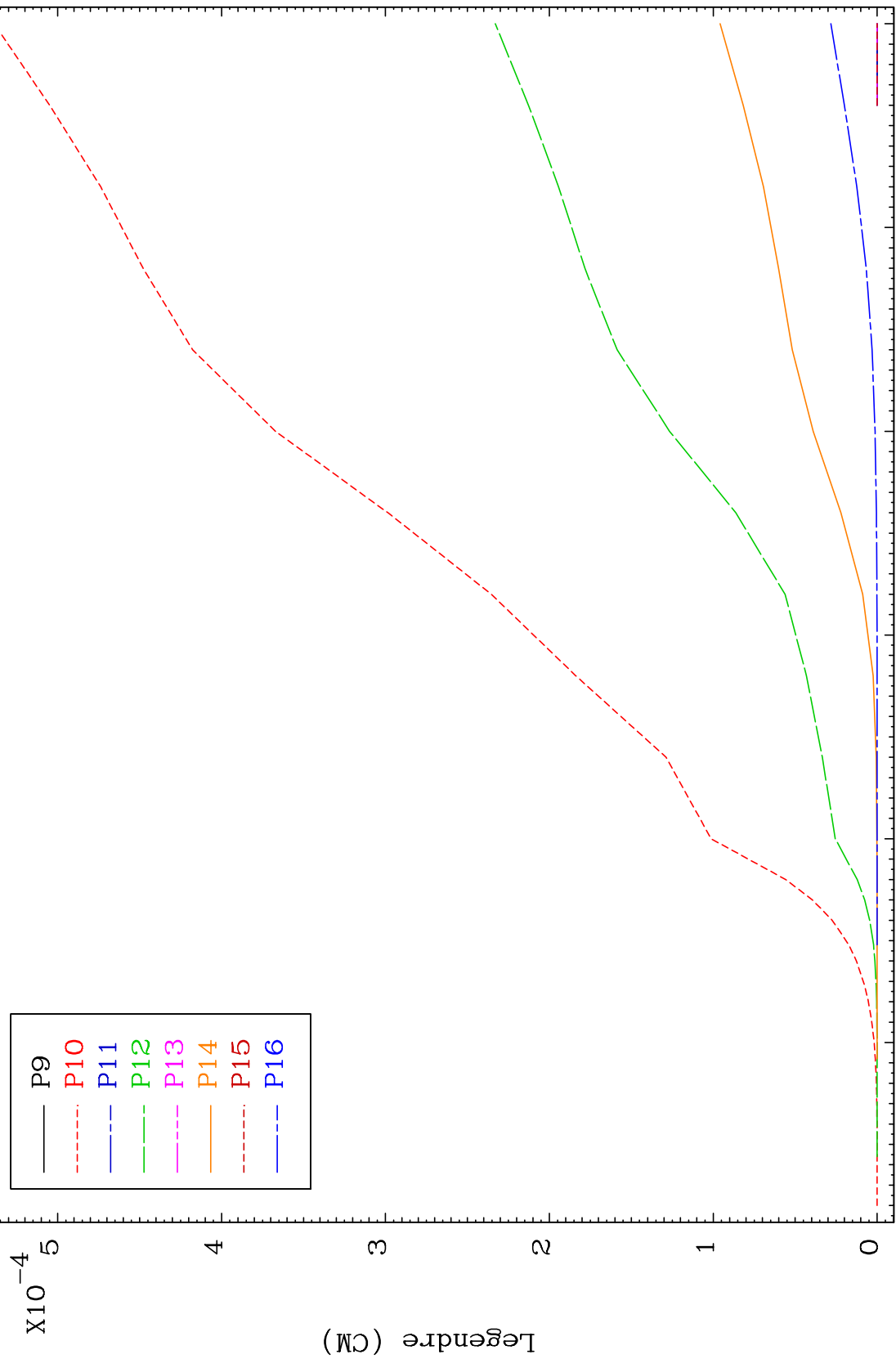
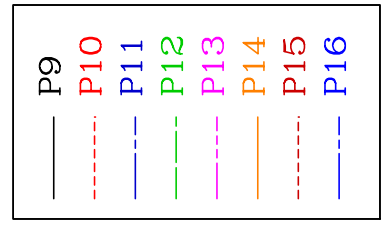




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Elastic Legendre Coefficients

39-Y -87



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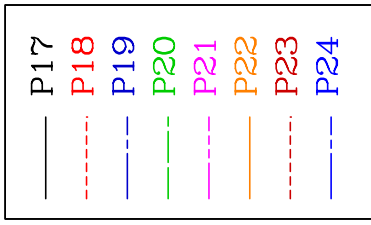
Incident Energy (MeV)

39-Y -87

MAT 3920

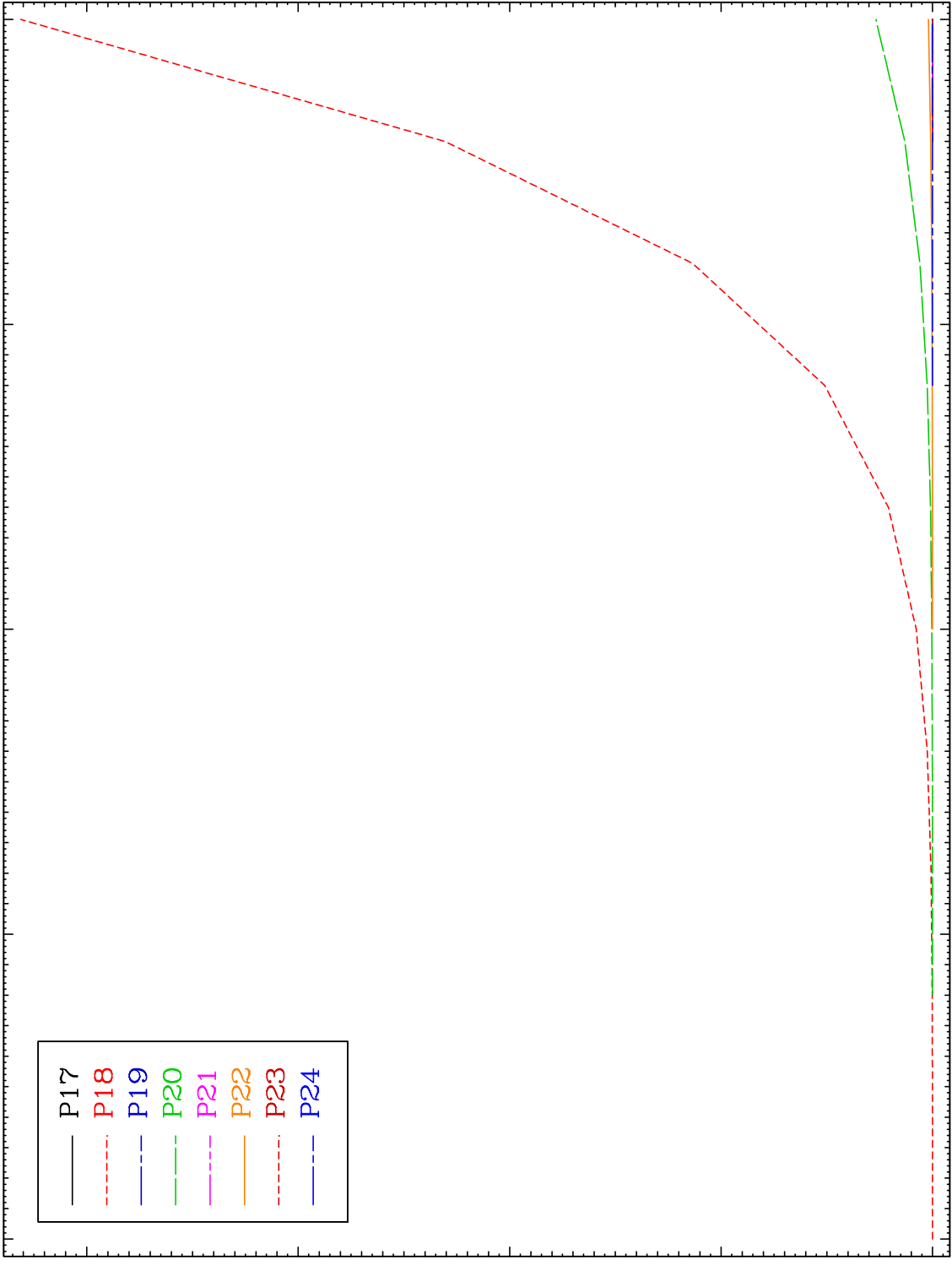
Elastic Legendre Coefficients

39-Y -87



$\times 10^{-6}$

Legendre (CM)



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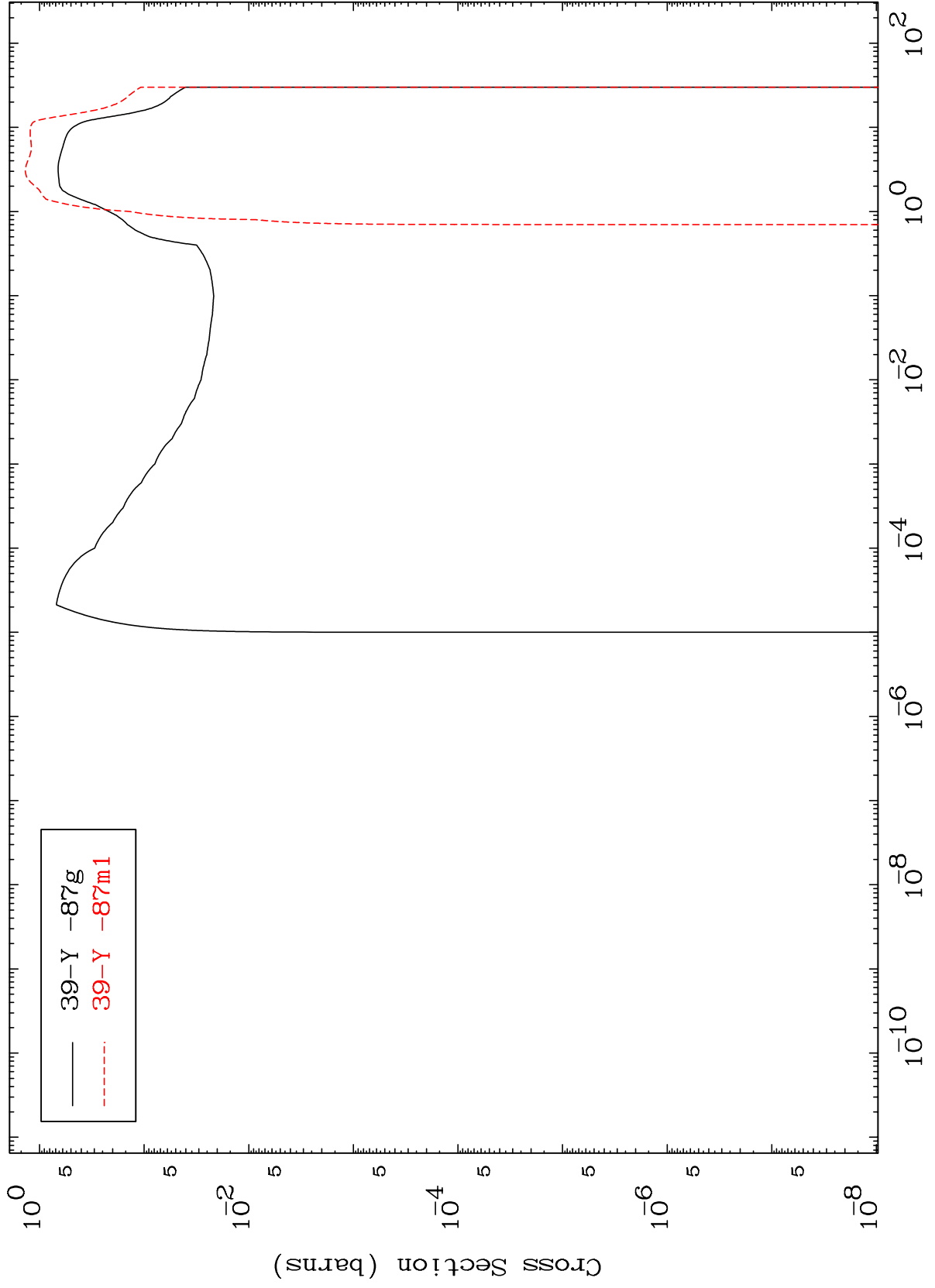
Incident Energy (MeV)

39-Y -87

MAT 3920

Inelastic
Radionuclide Production Cross Section

39-Y -87



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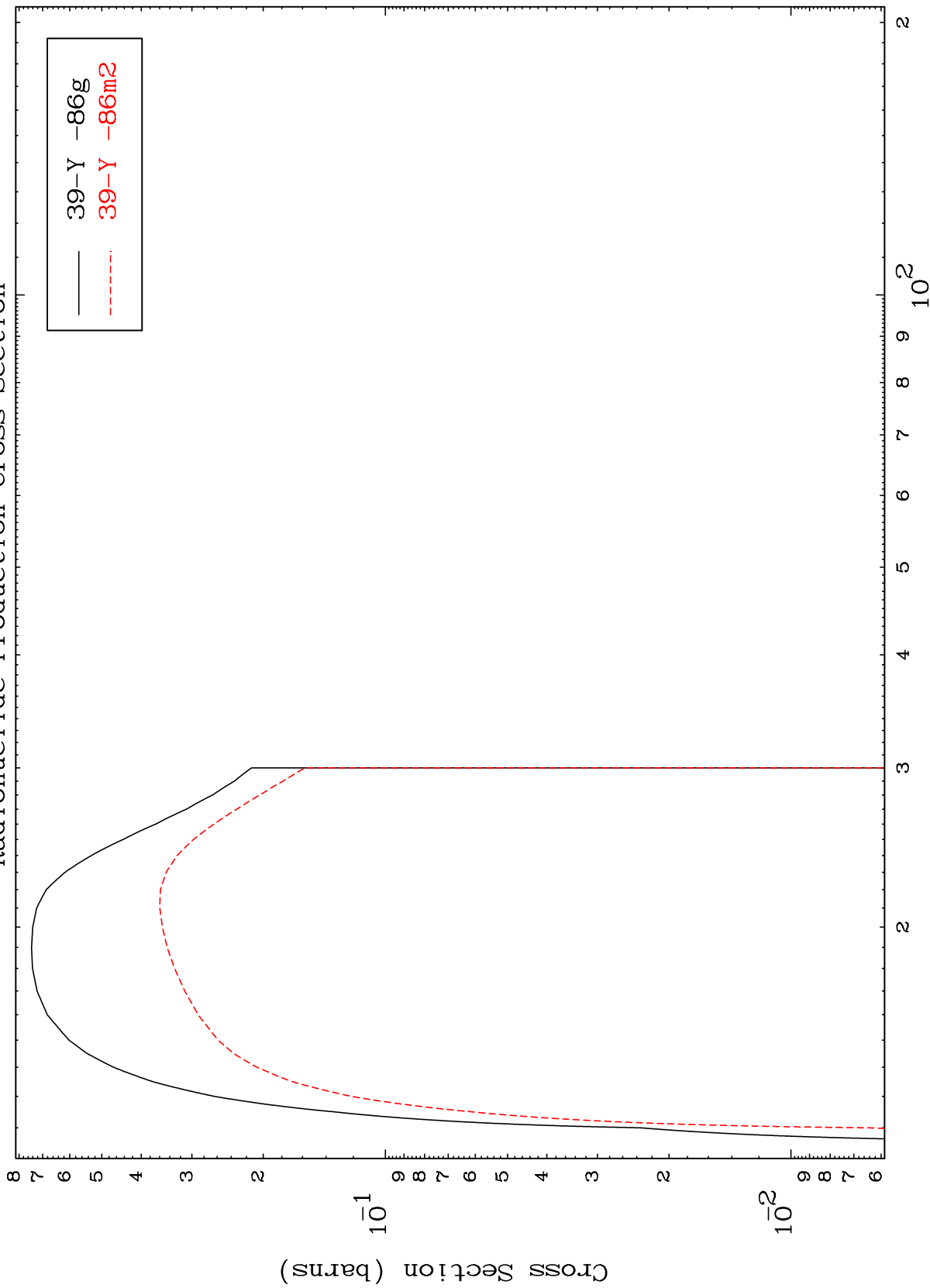
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

(n,2n)
Radionuclide Production Cross Section



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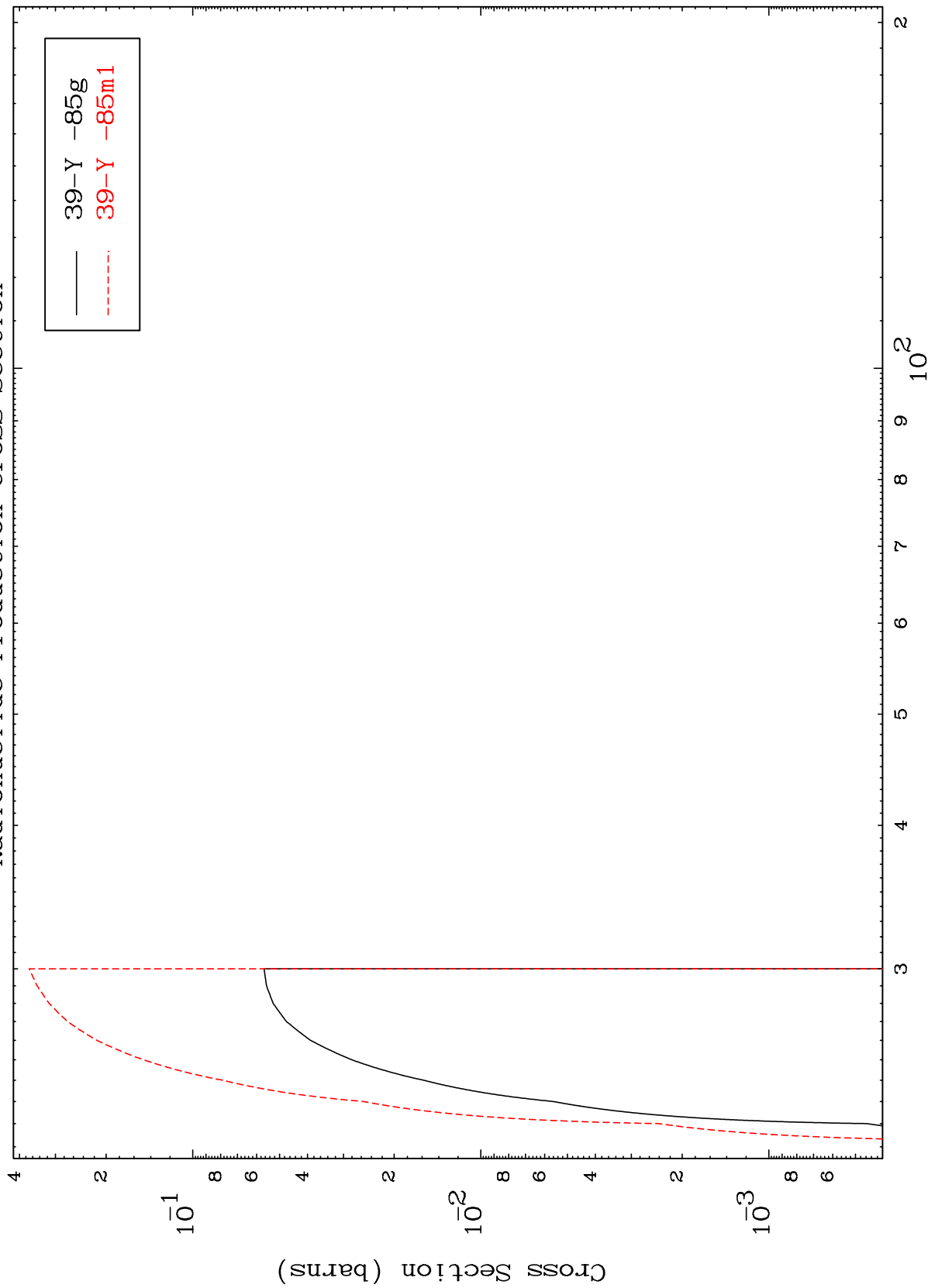
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

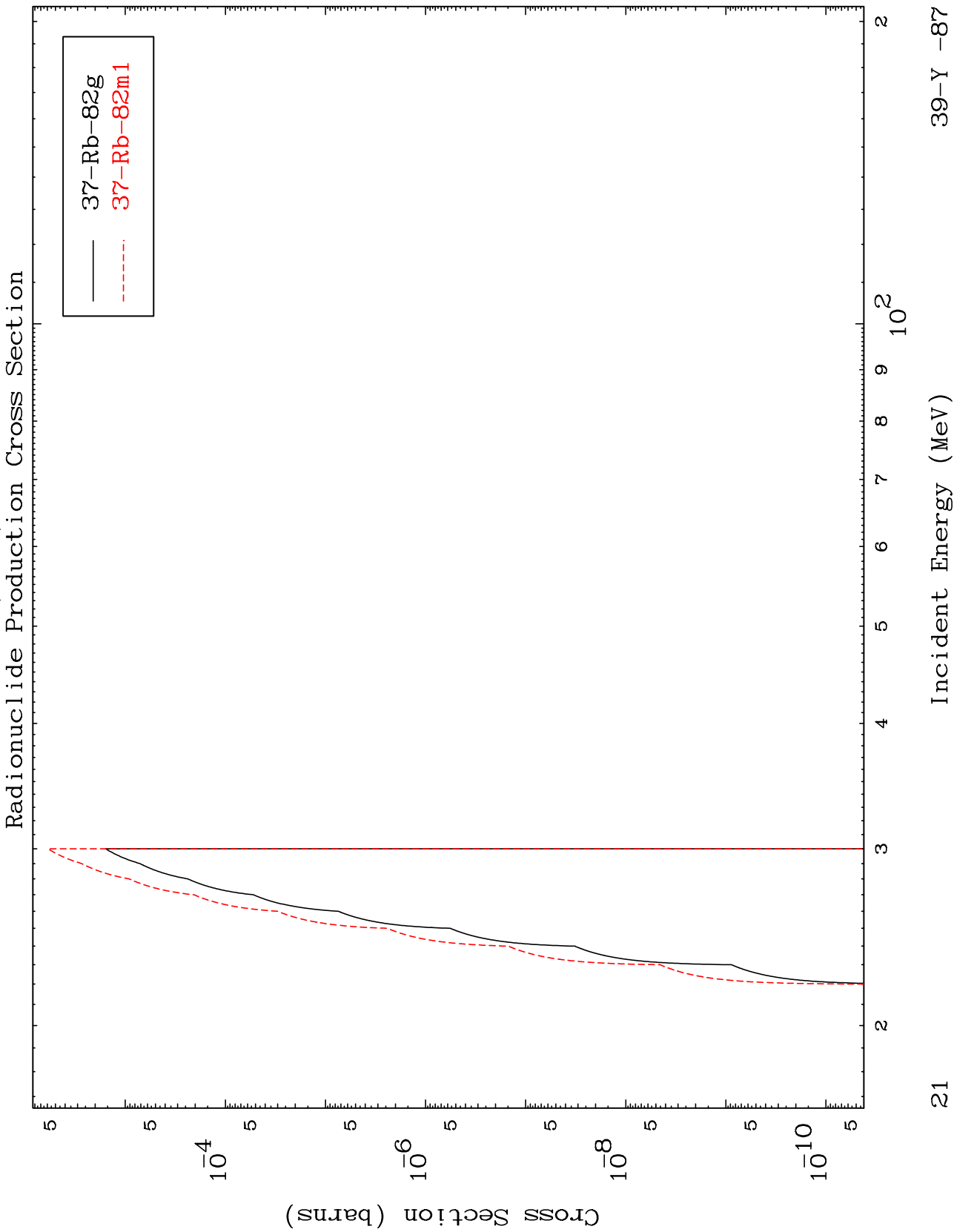
(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -87

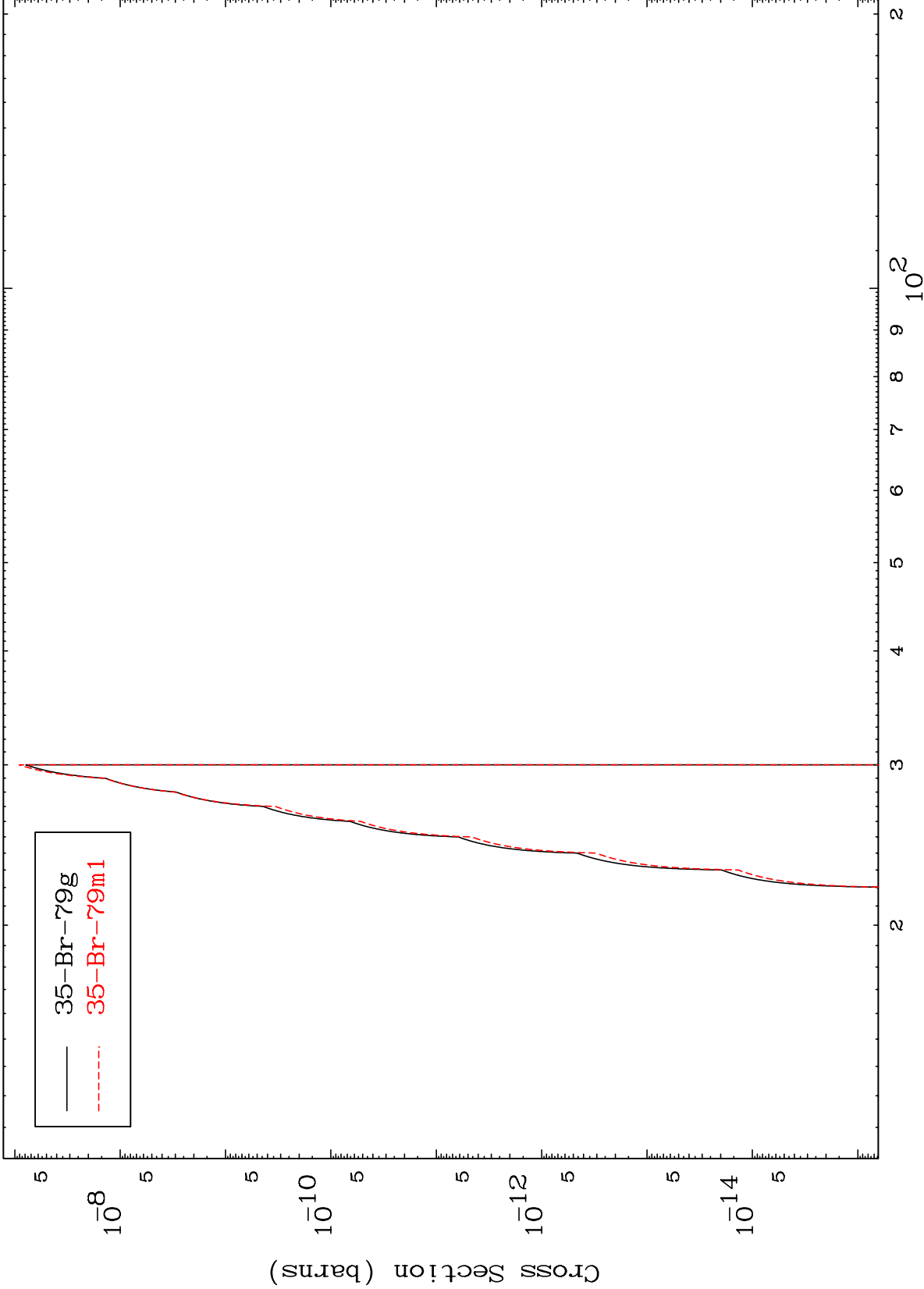


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(n,n') 2α

39-Y -87

Radionuclide Production Cross Section

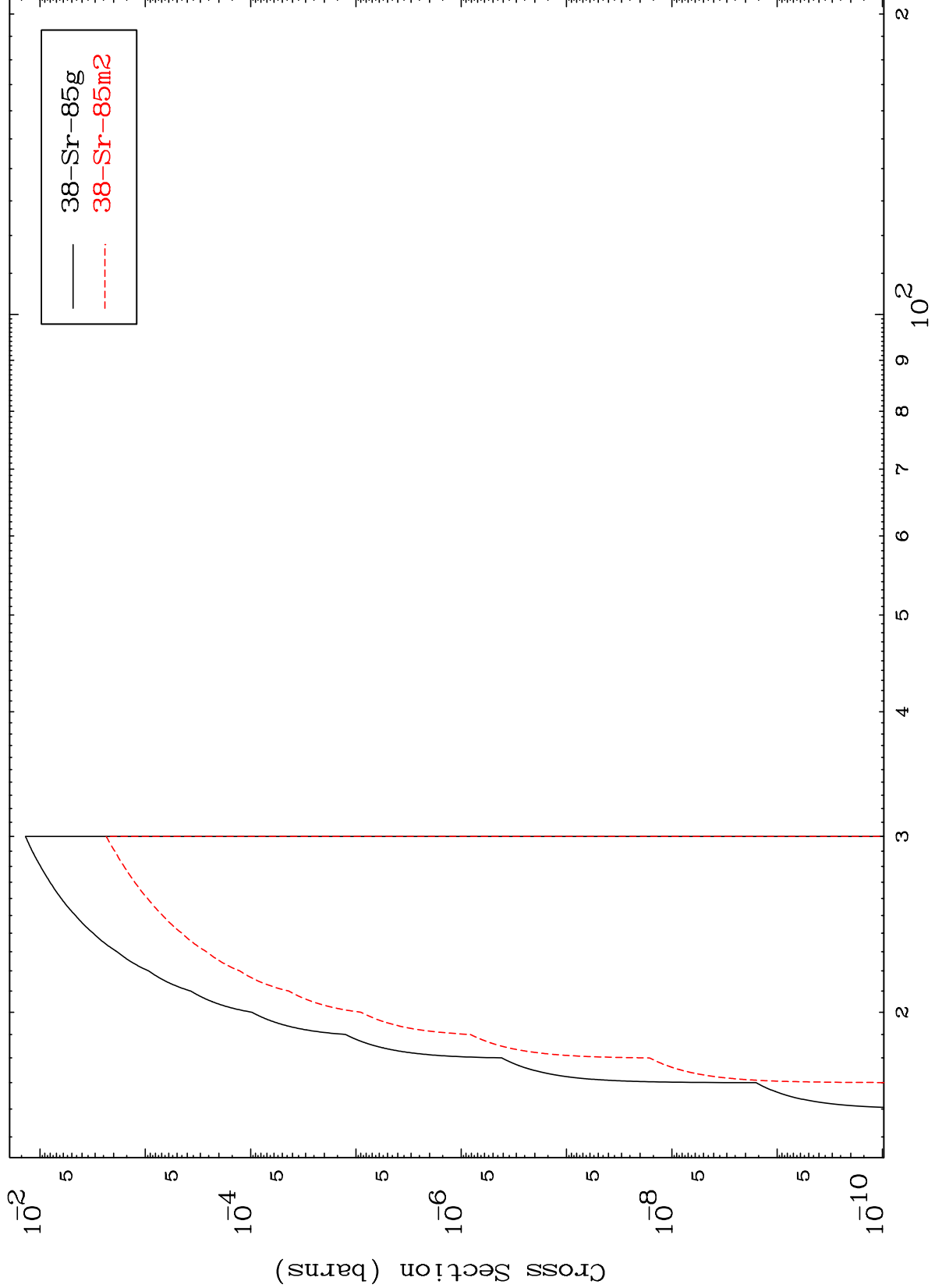


22

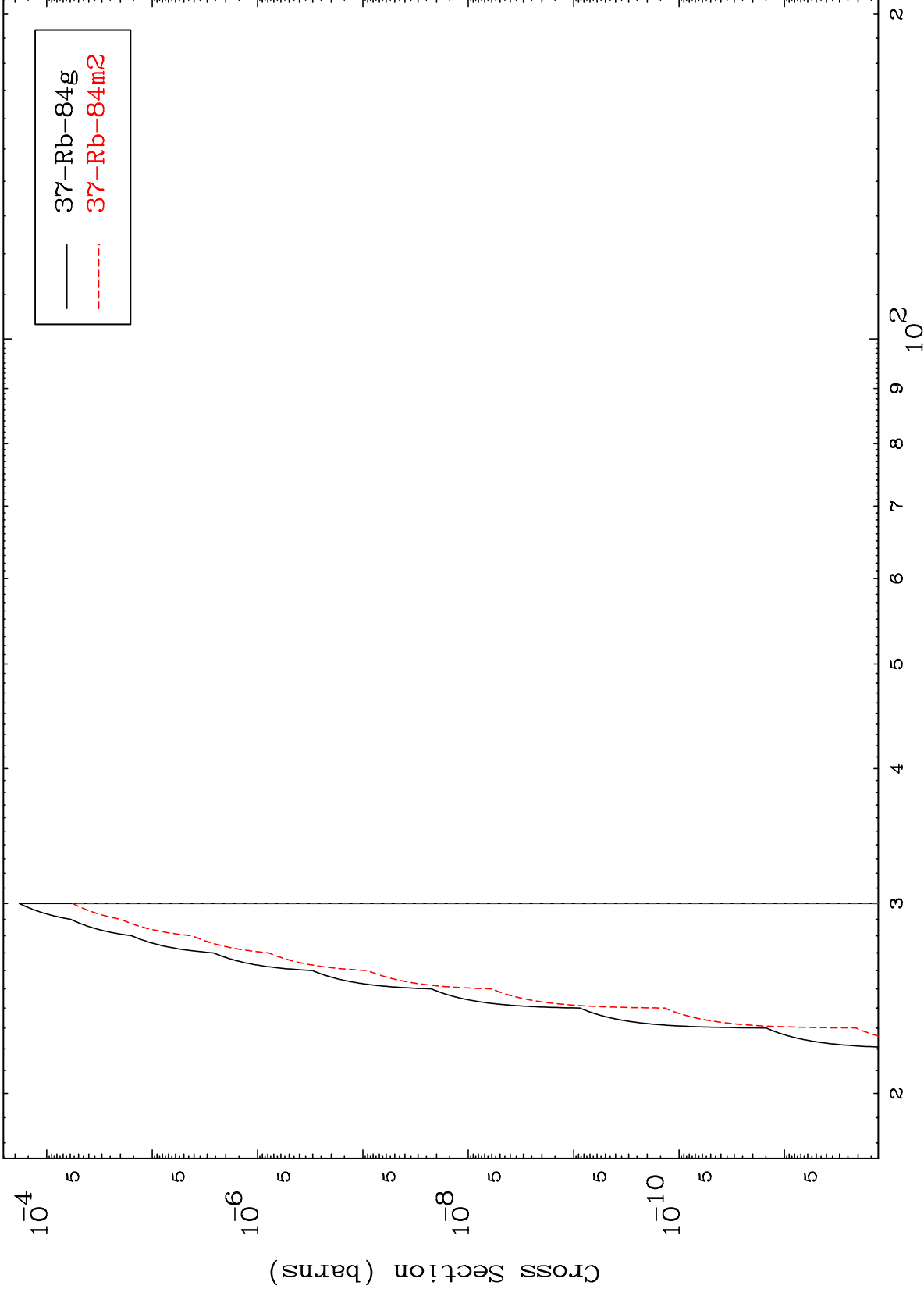
Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

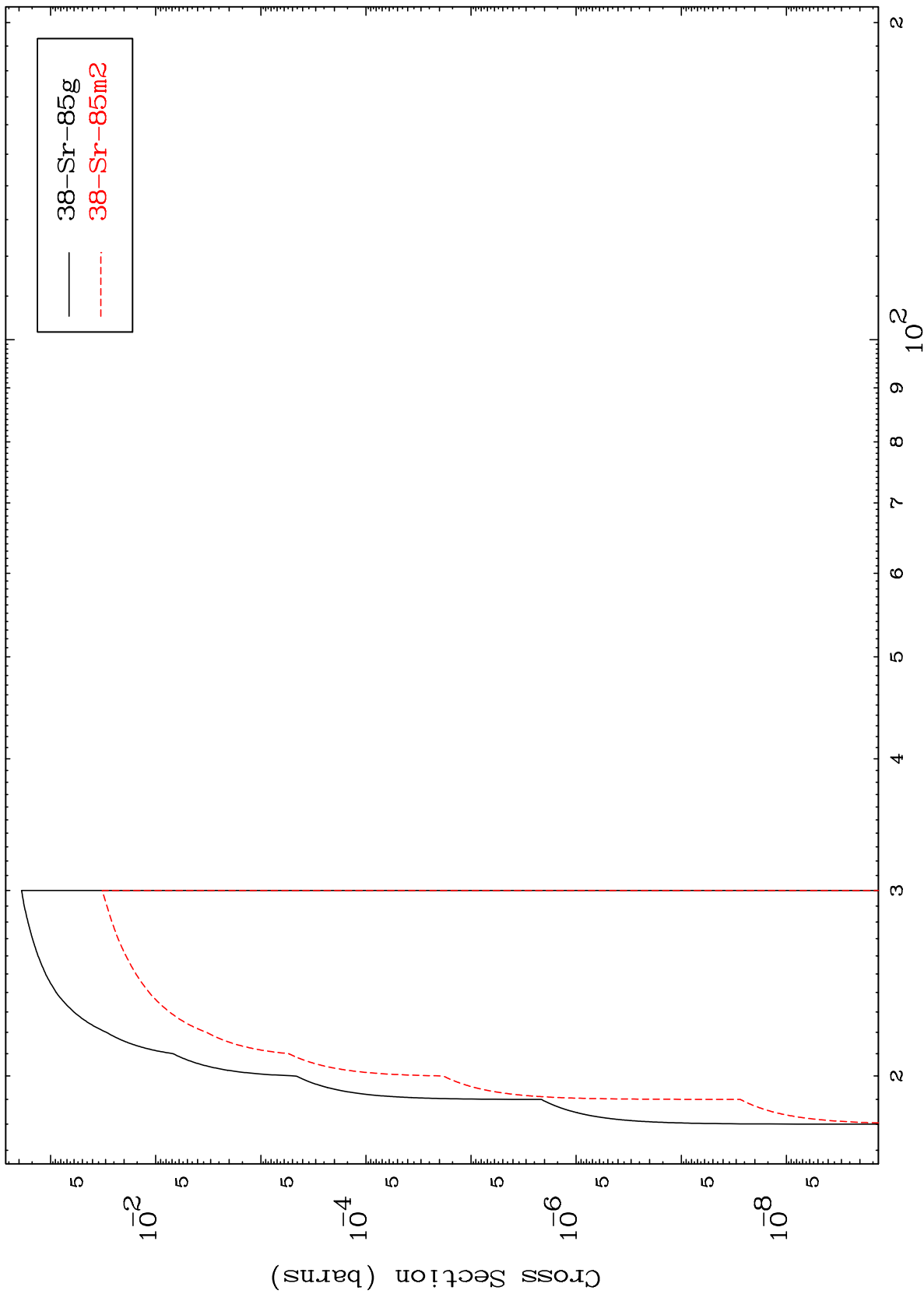


Radionuclide Production Cross Section

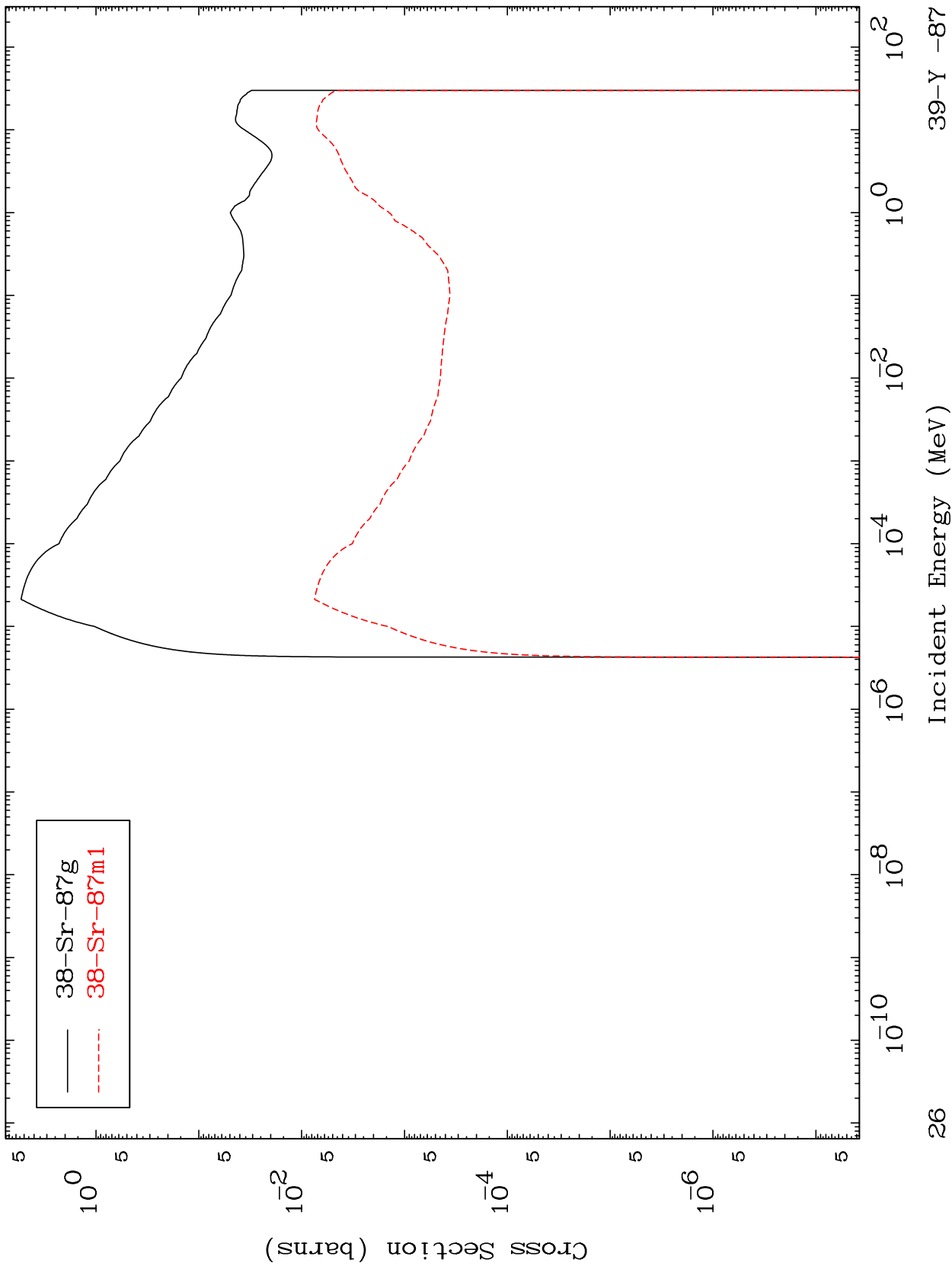


— $^{84g}\text{Rb-37}$
- - - $^{84m2}\text{Rb-37}$

Radionuclide Production Cross Section



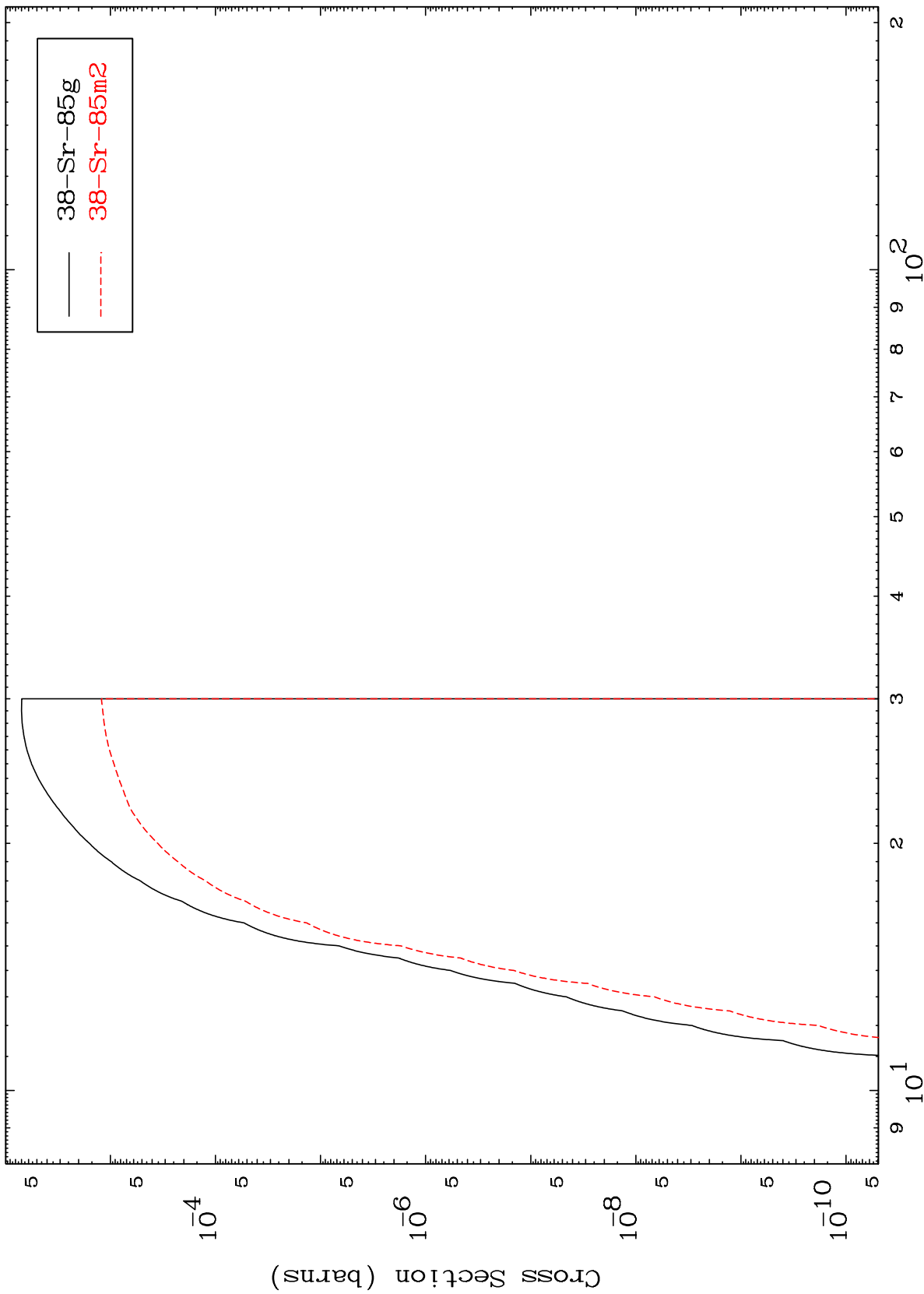
(n,p)
Radionuclide Production Cross Section



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39-Y -87

(n,t)
Radionuclide Production Cross Section



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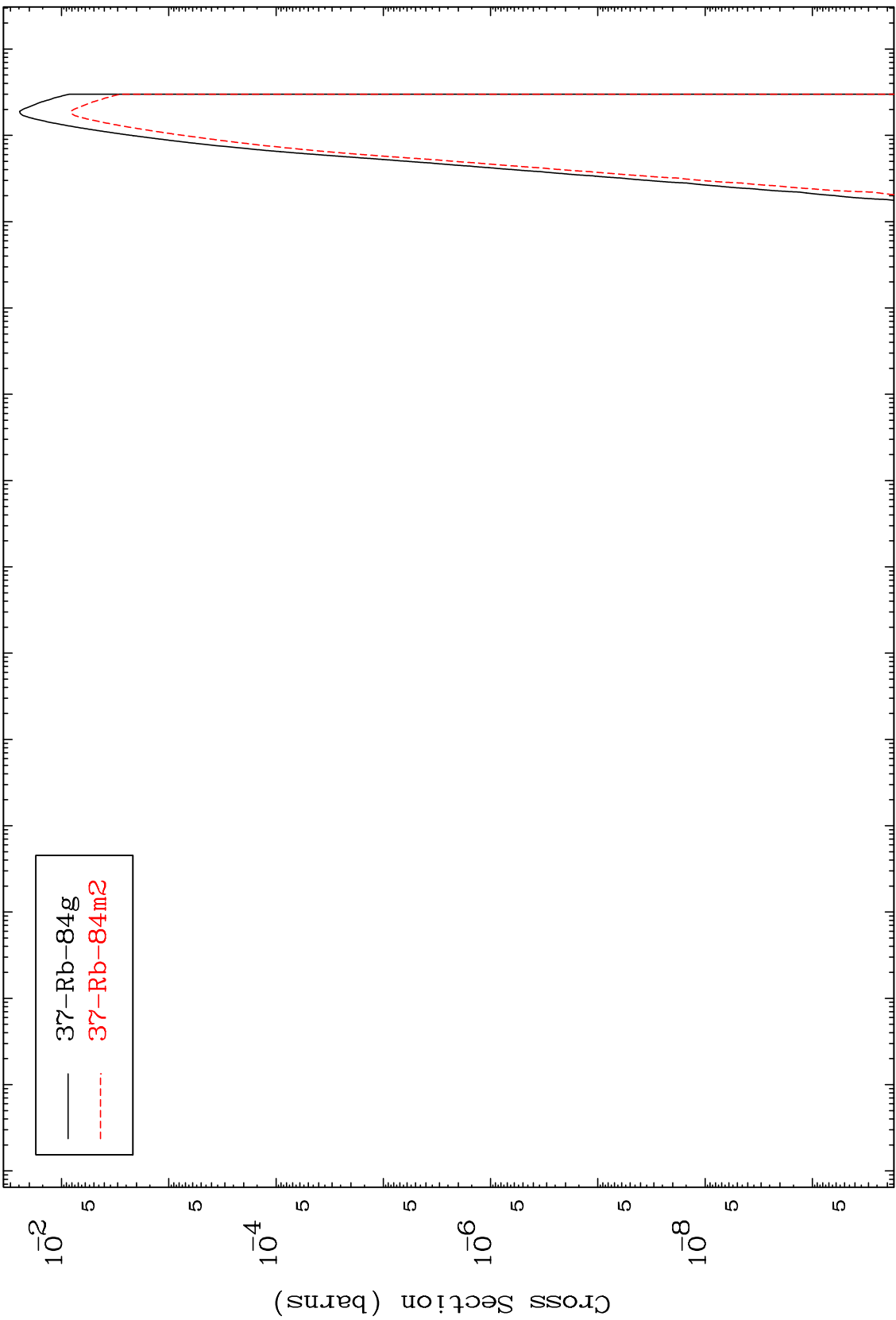
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

Radionuclide Production Cross Section (n,α)



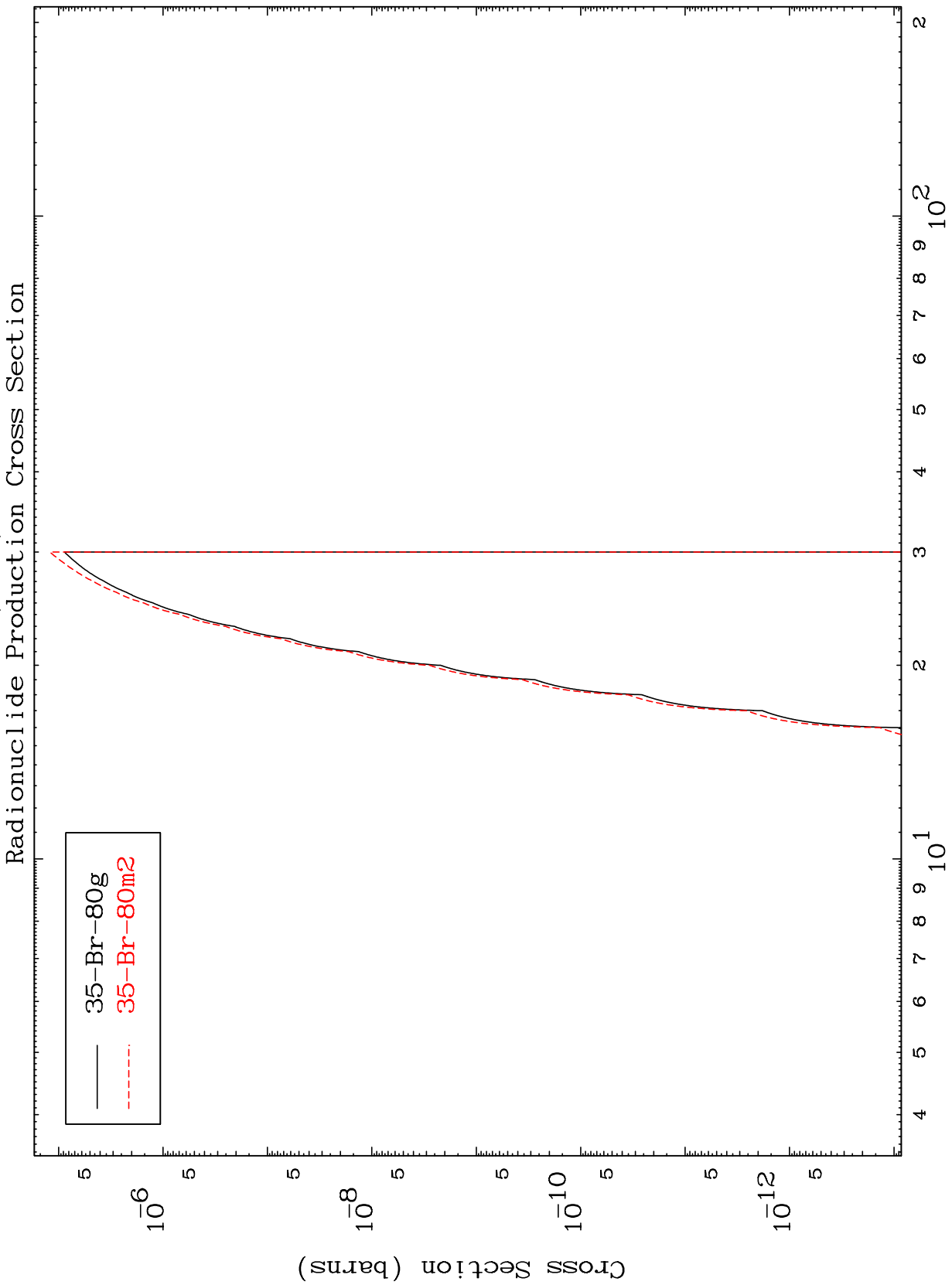
— 37-Rb-84g
- - - 37-Rb-84m2

Incident Energy (MeV)

39-Y -87

MAT 3920

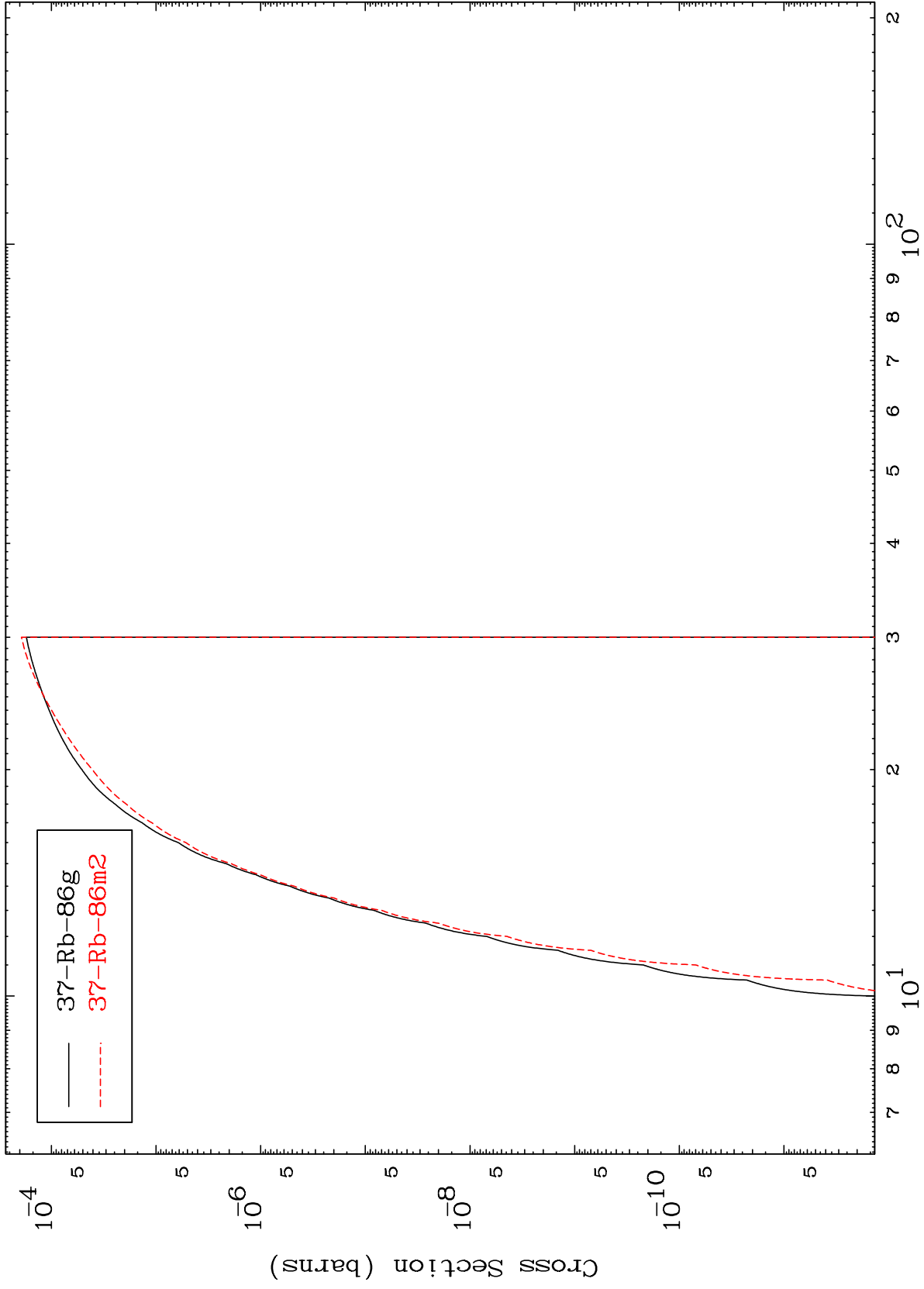
39-Y -87



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39-Y -87

Radionuclide Production Cross Section (n,2p)



Radionuclide Production Cross Section

