

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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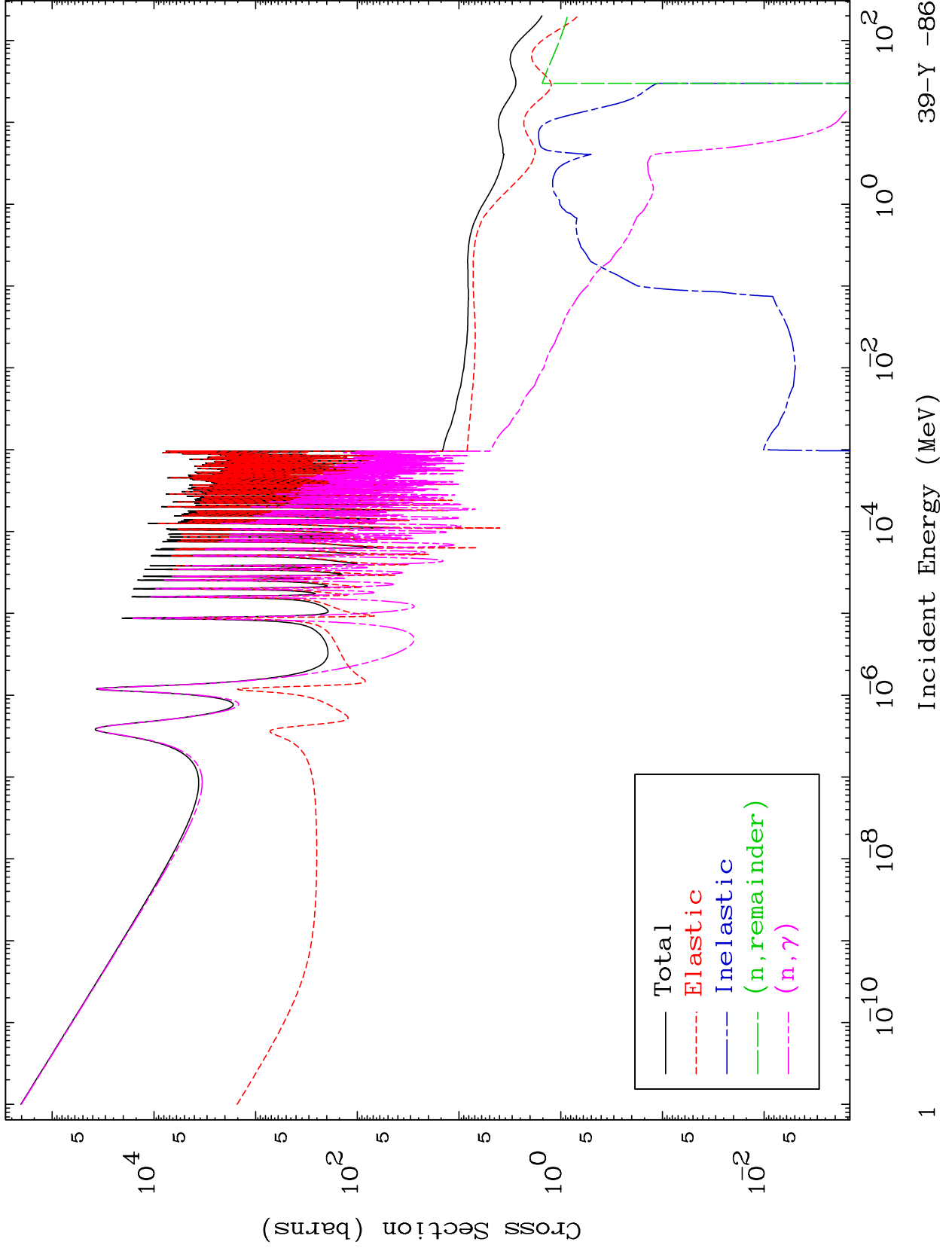
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

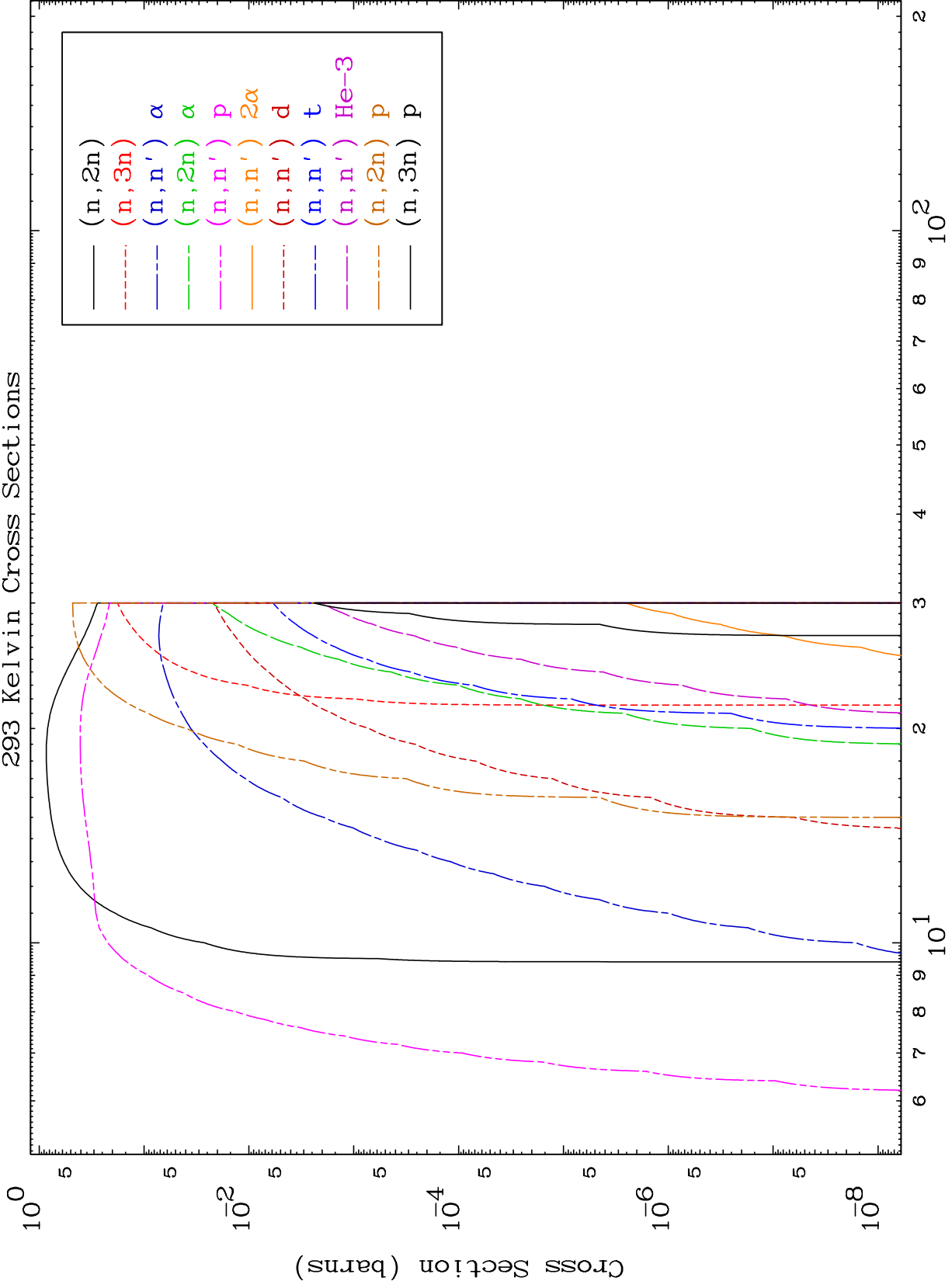
Press Mouse Button to Start

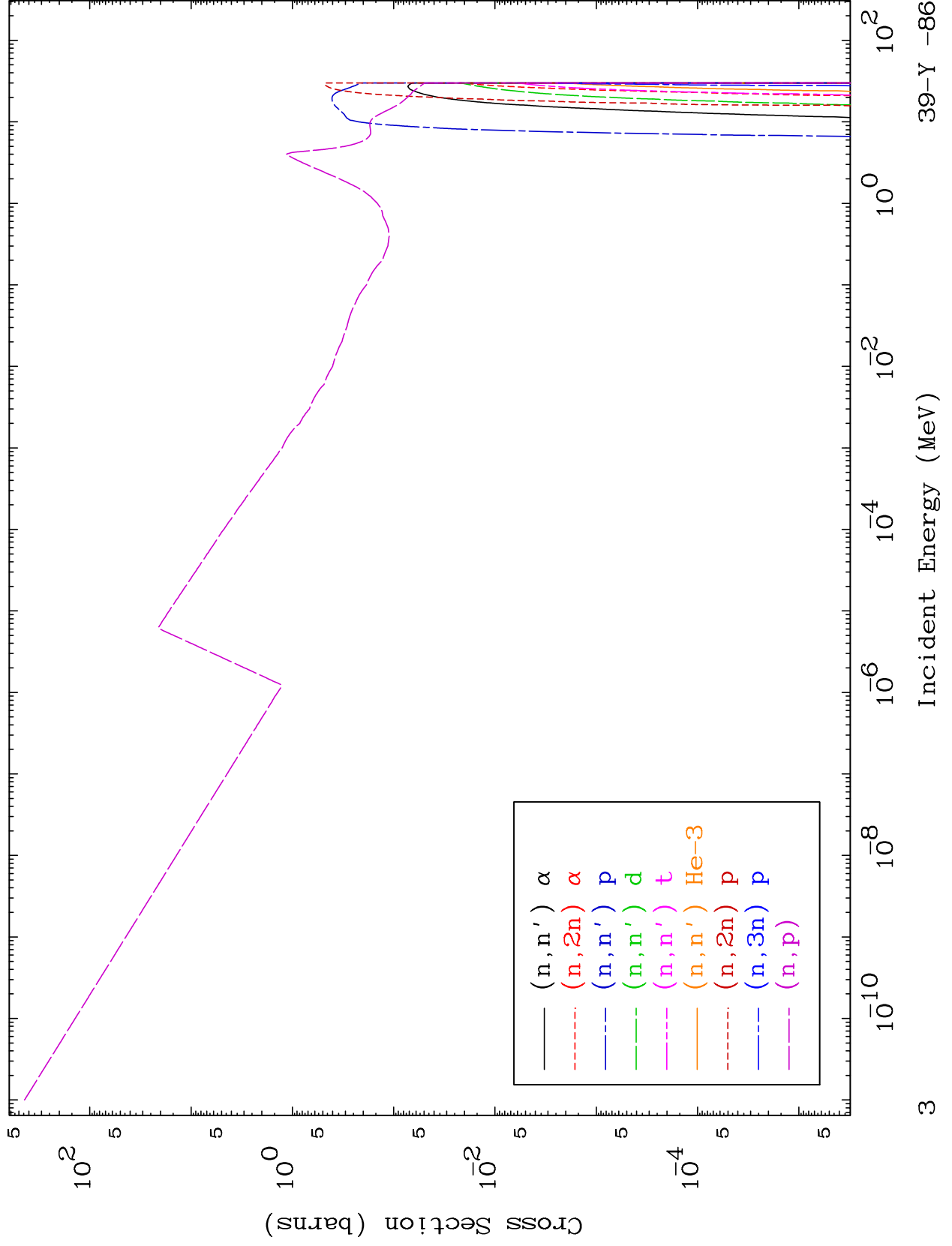
MAT 3917

Major
293 Kelvin Cross Sections

39-Y -86



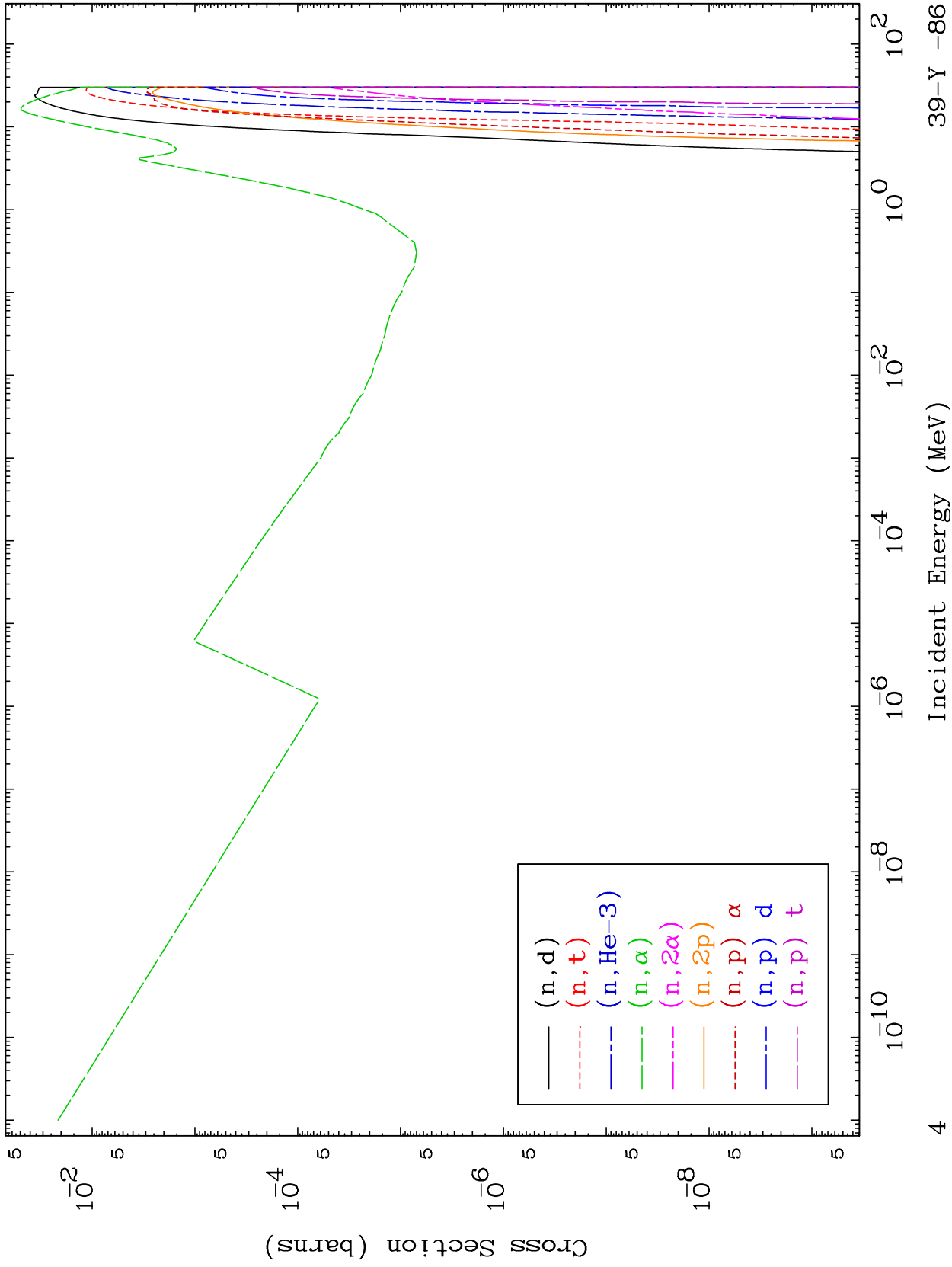


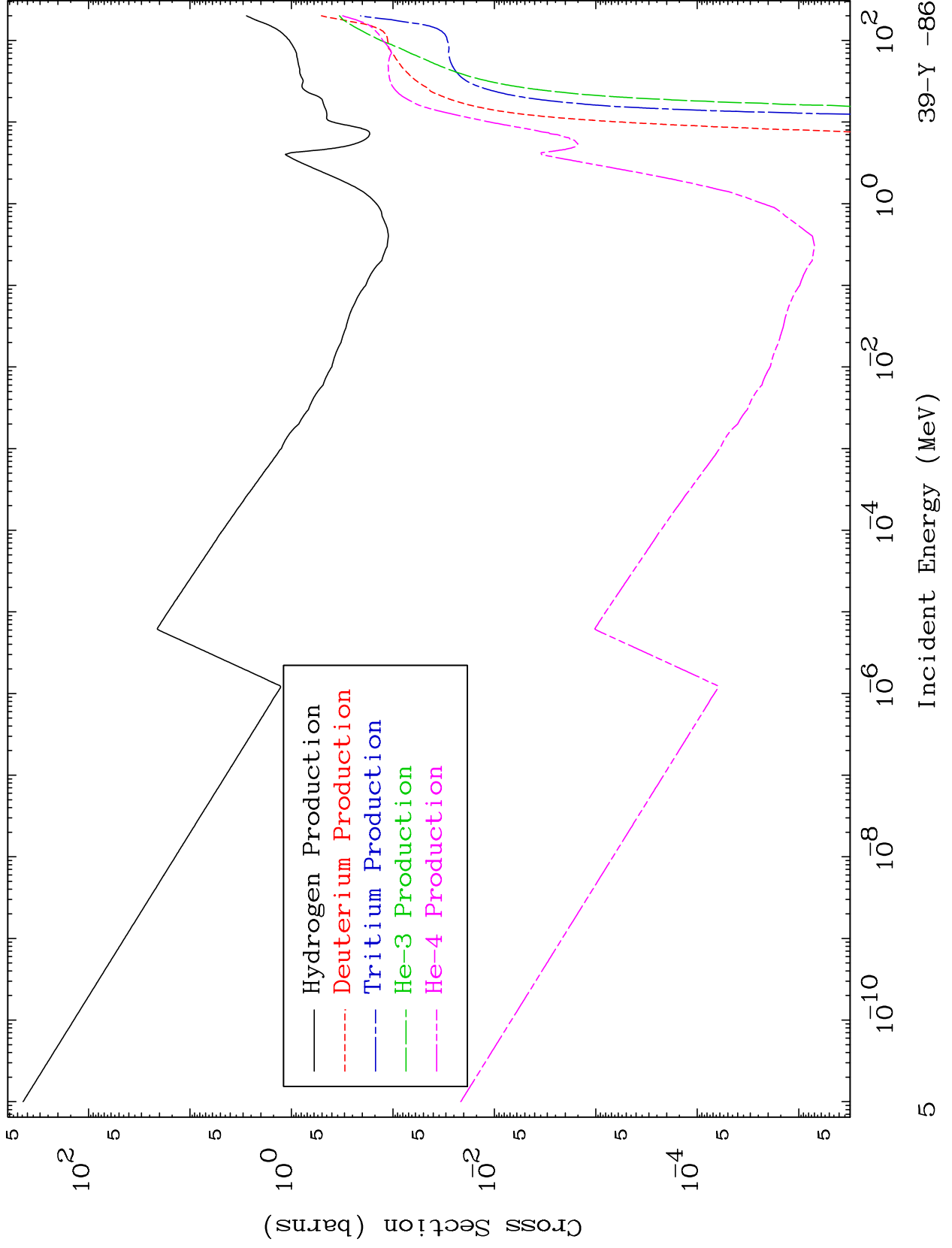


MAT 3917

Charged Particle
293 Kelvin Cross Sections

39-Y -86

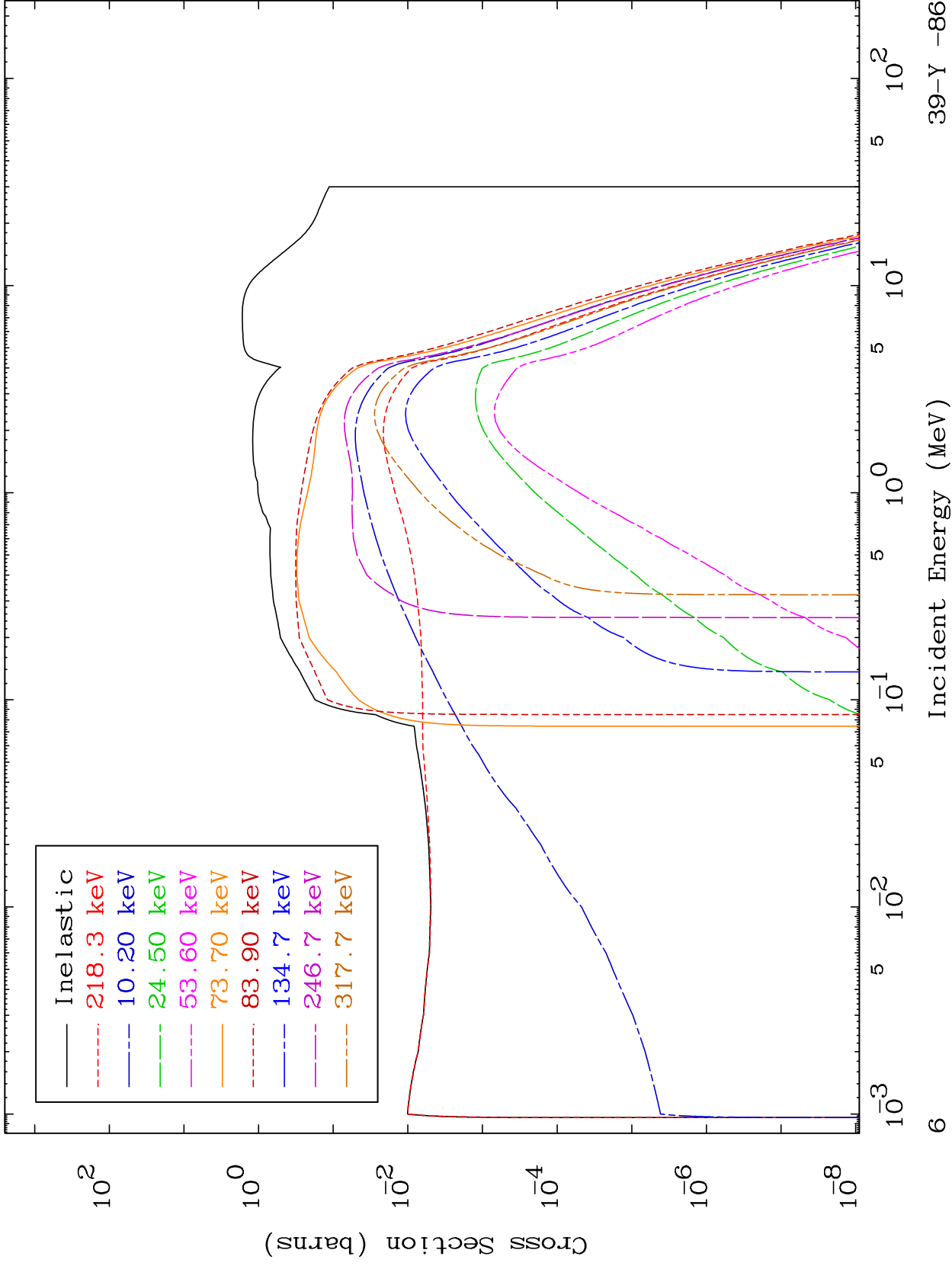


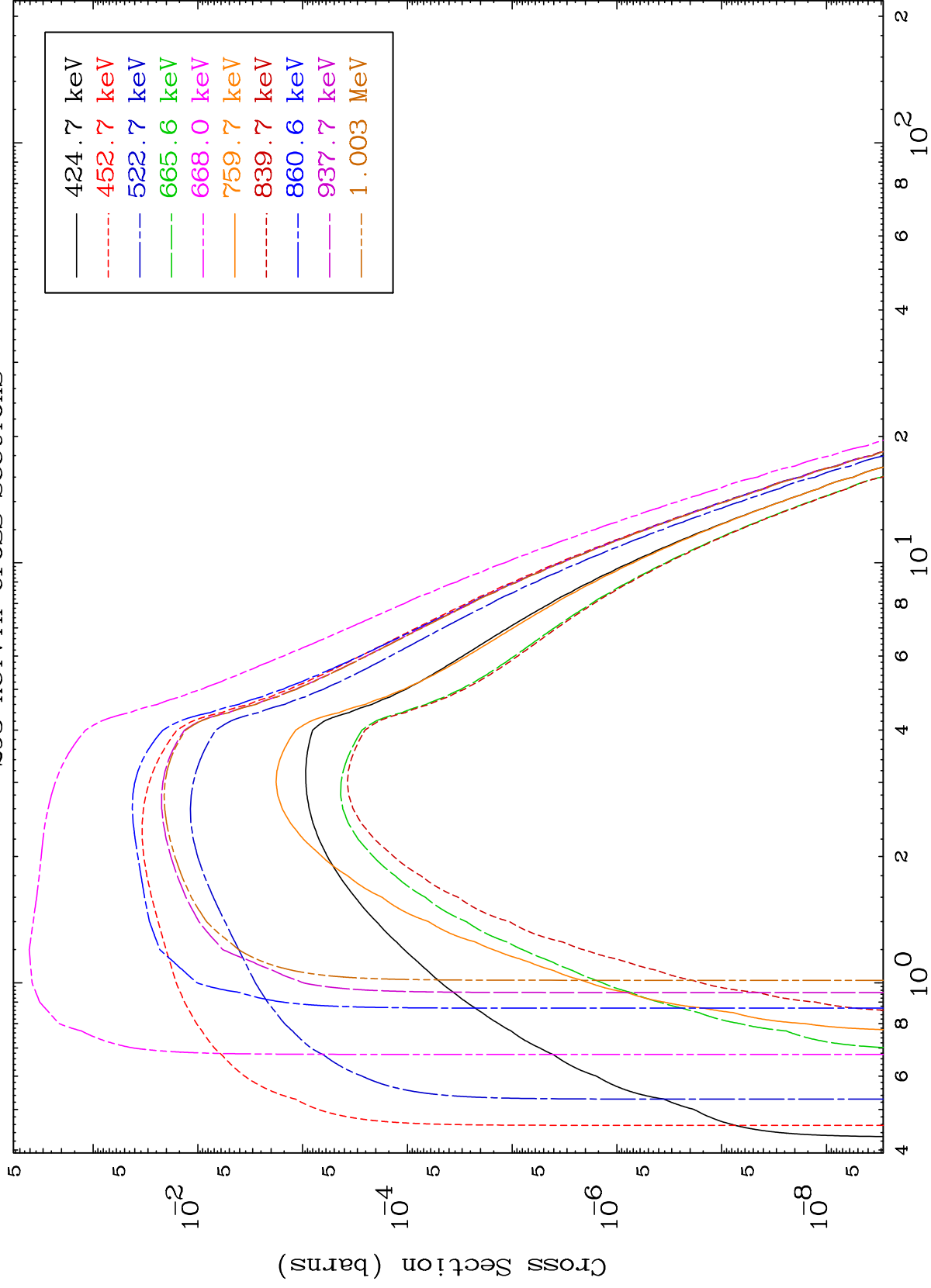


MAT 3917

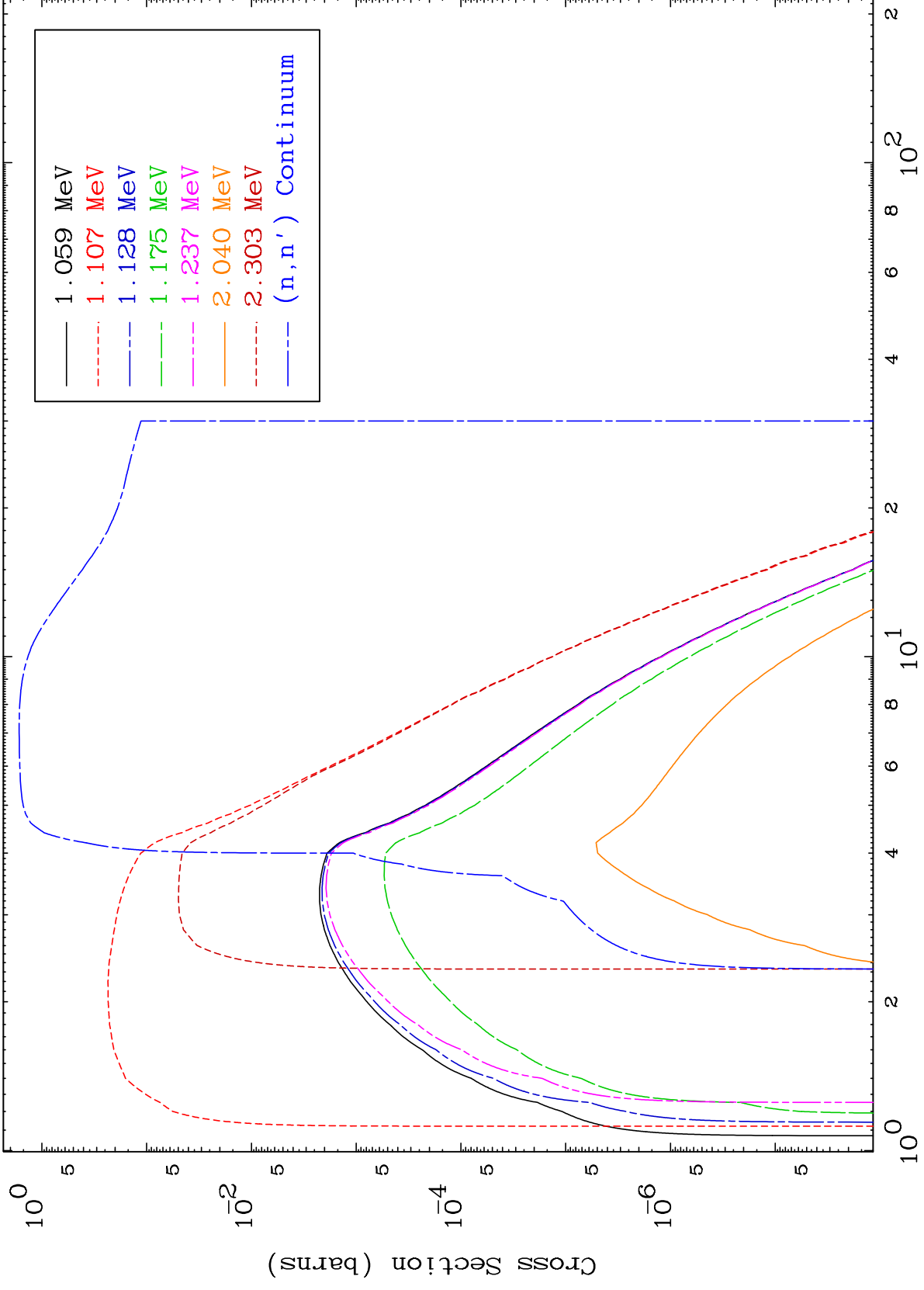
(n,n') Level
293 Kelvin Cross Sections

39-Y -86





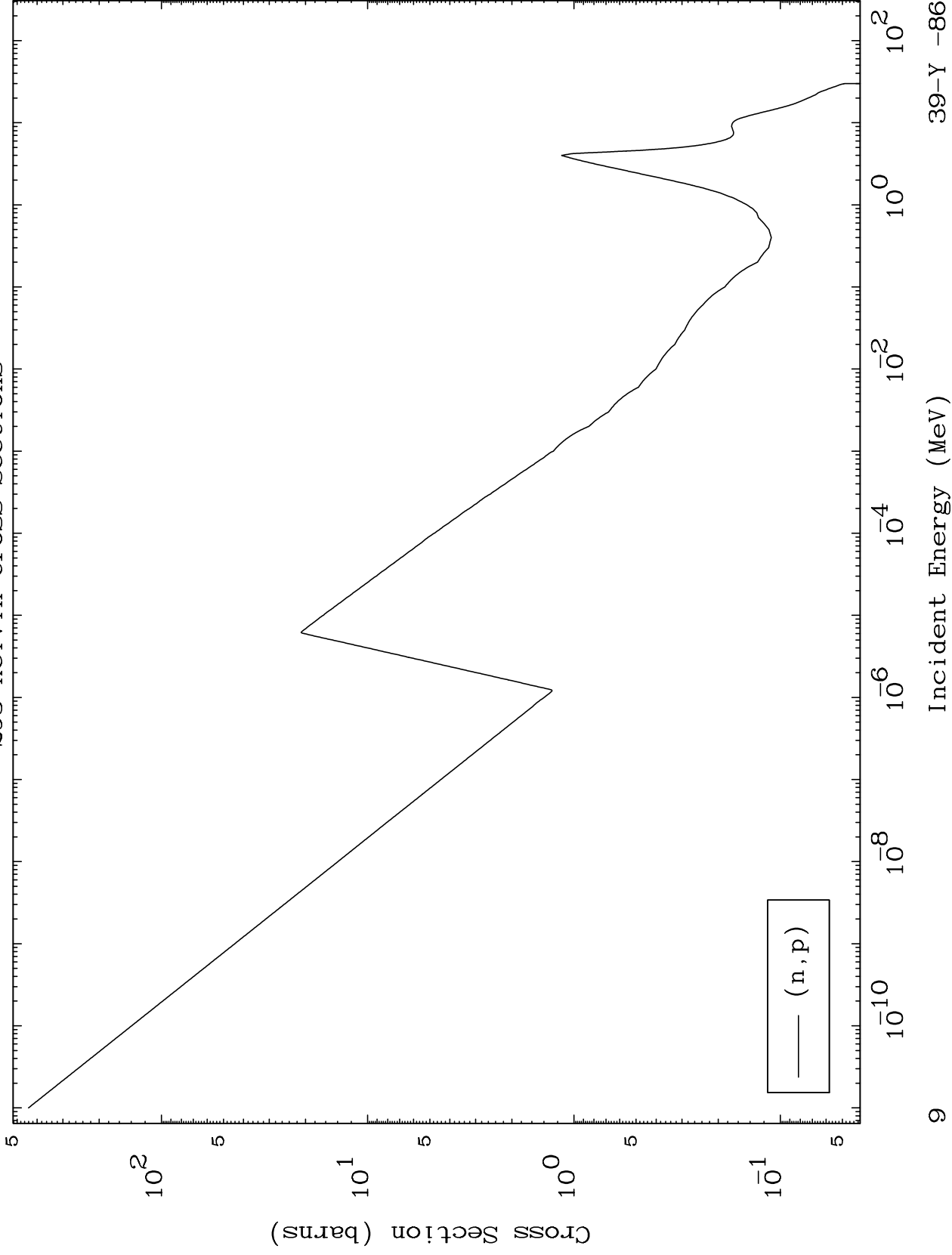
293 Kelvin Cross Sections



MAT 3917

(n,p) Levels
293 Kelvin Cross Sections

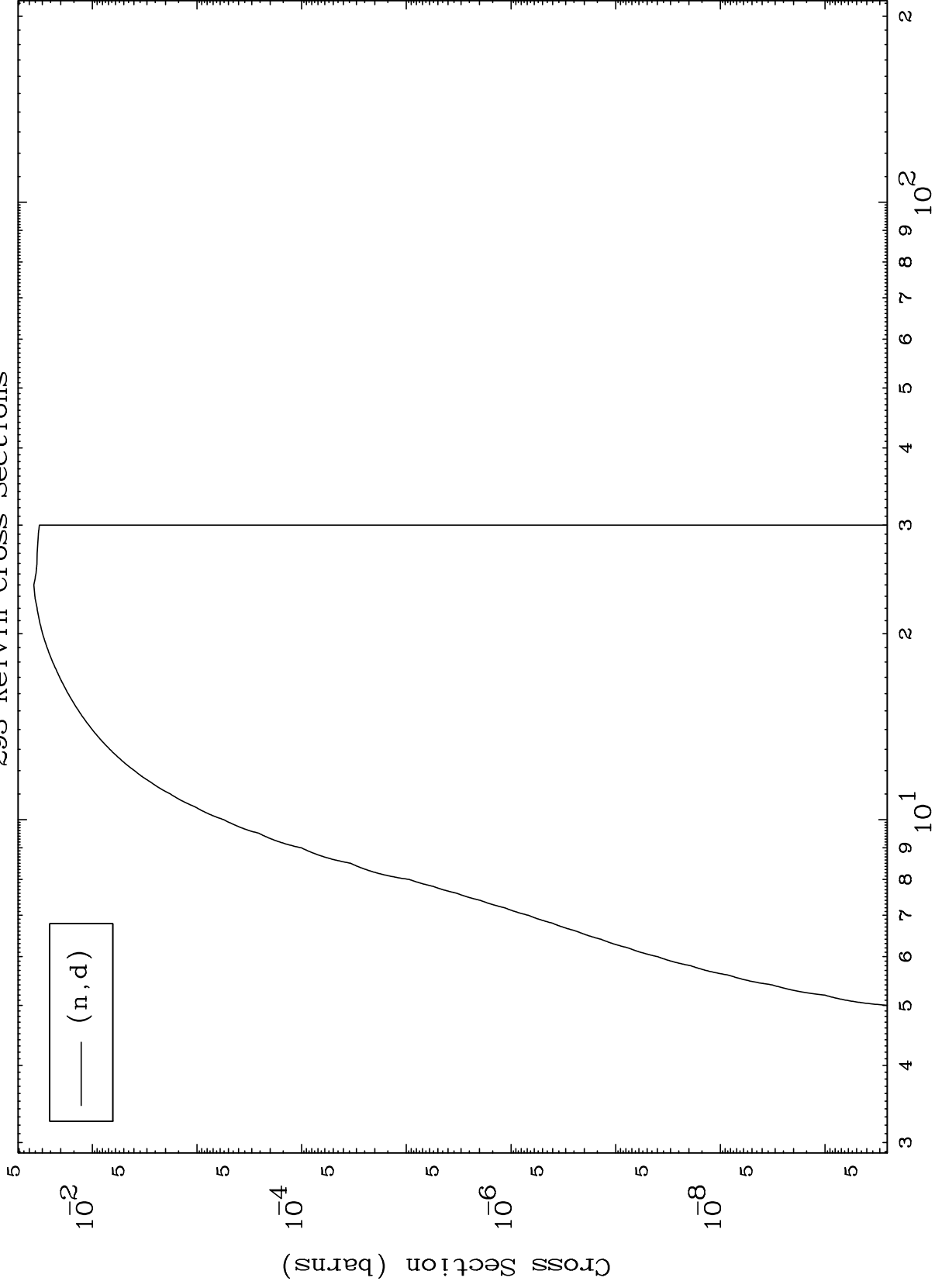
39-Y -86



MAT 3917

(n,d) Levels
293 Kelvin Cross Sections

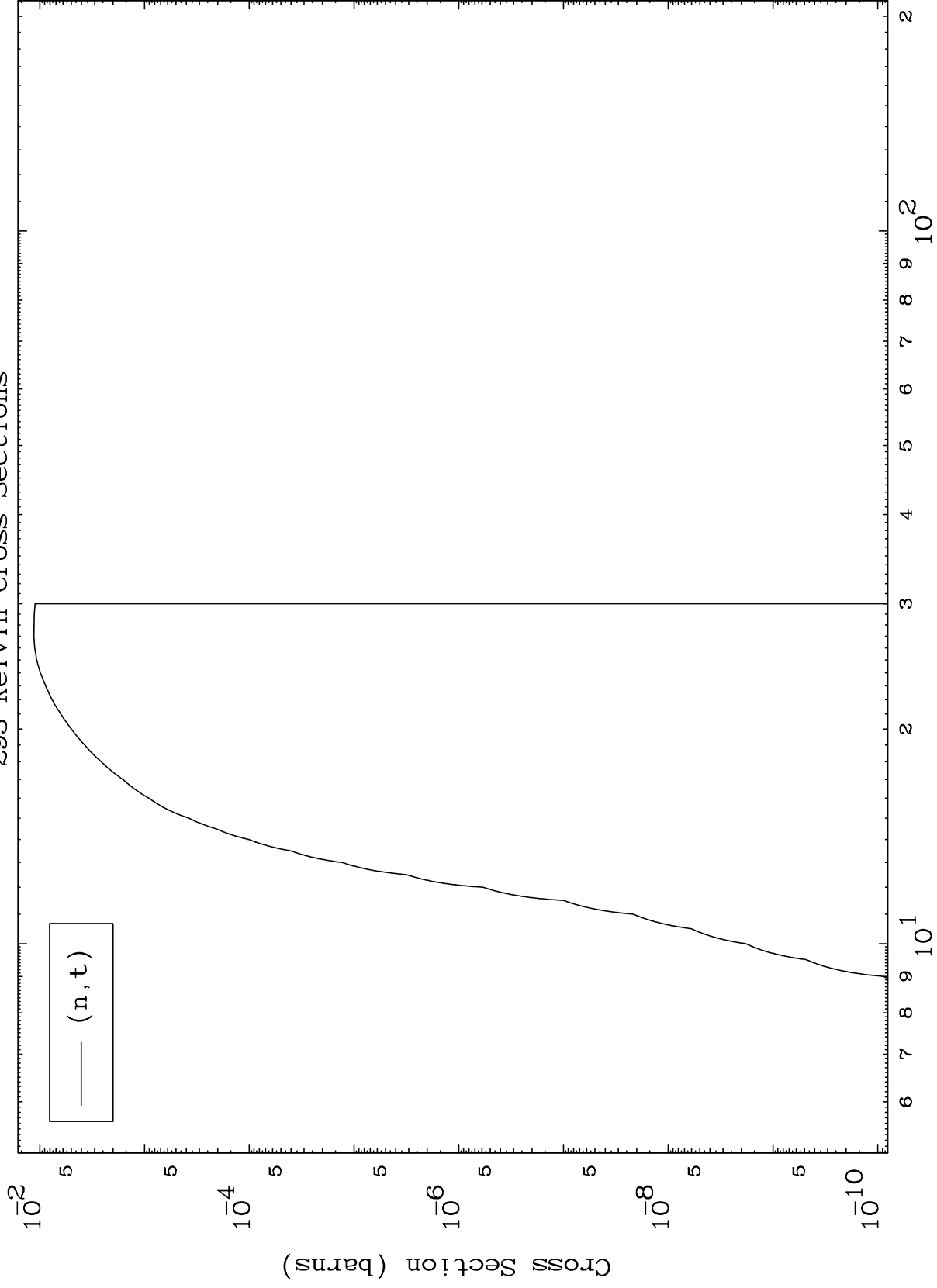
39-Y -86



Incident Energy (MeV)

39-Y -86

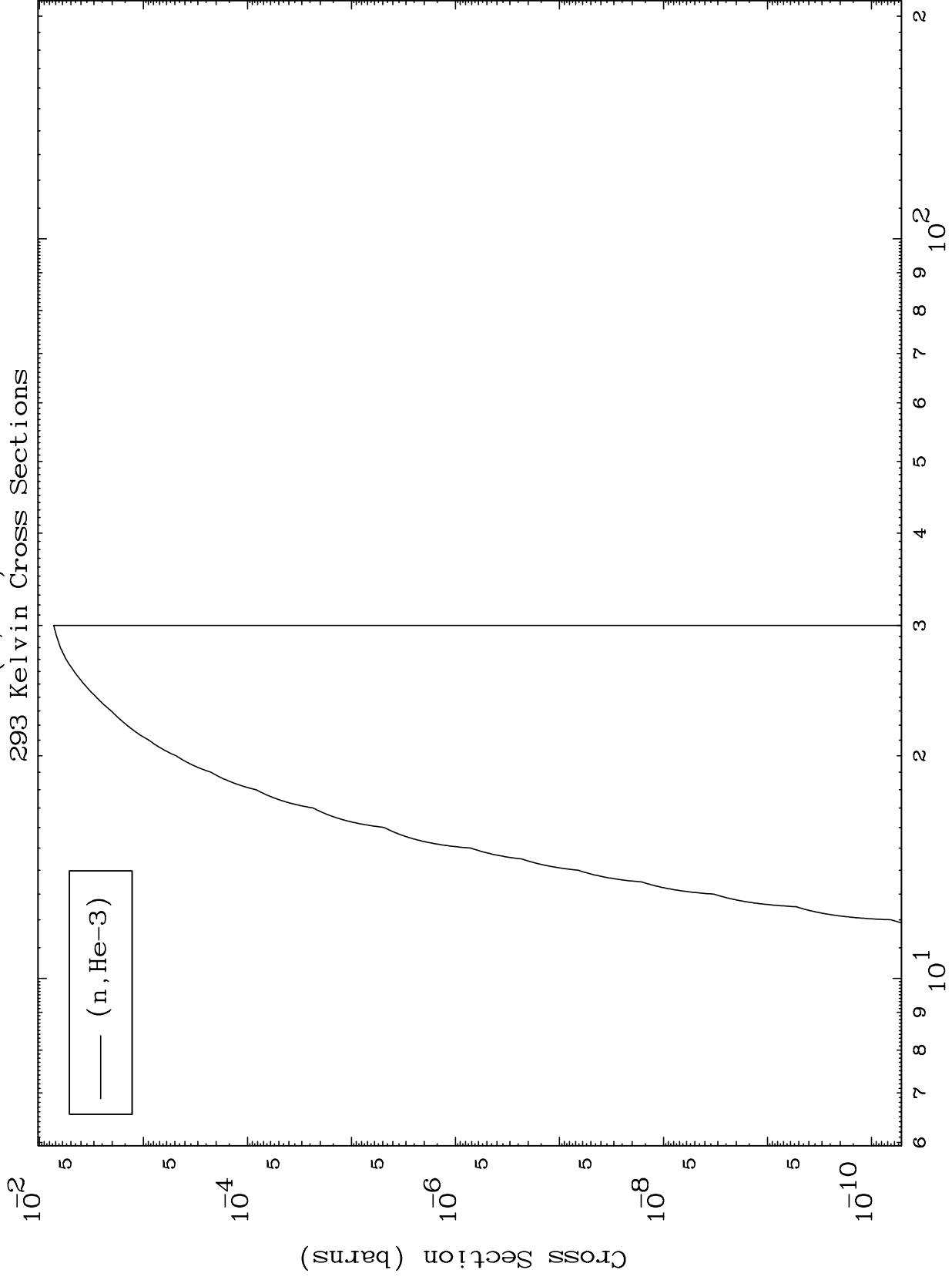
10



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(n,He3) Levels
293 Kelvin Cross Sections

39-Y -86



12

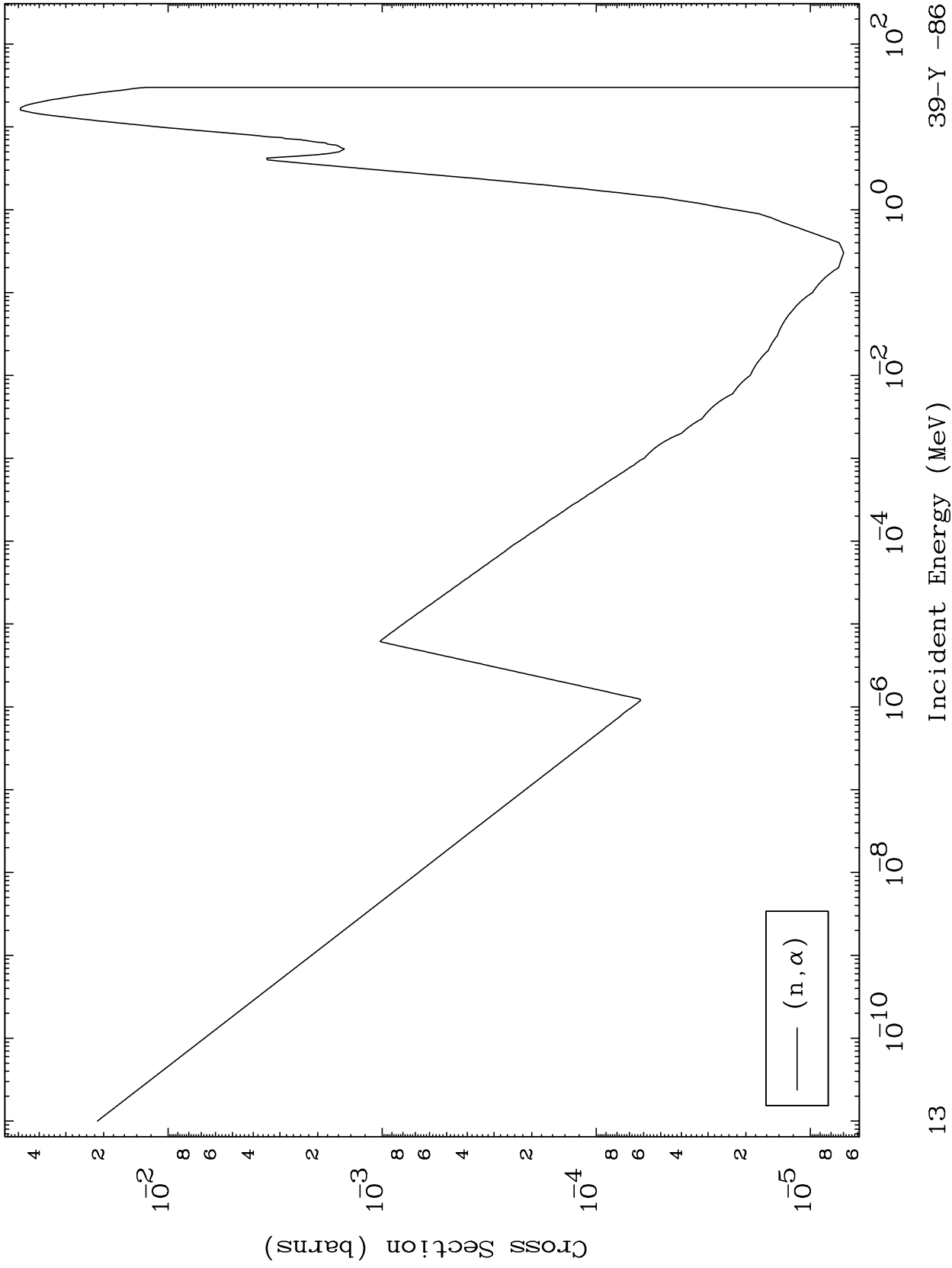
Incident Energy (MeV)

39-Y -86

MAT 3917

(n, α) Levels
293 Kelvin Cross Sections

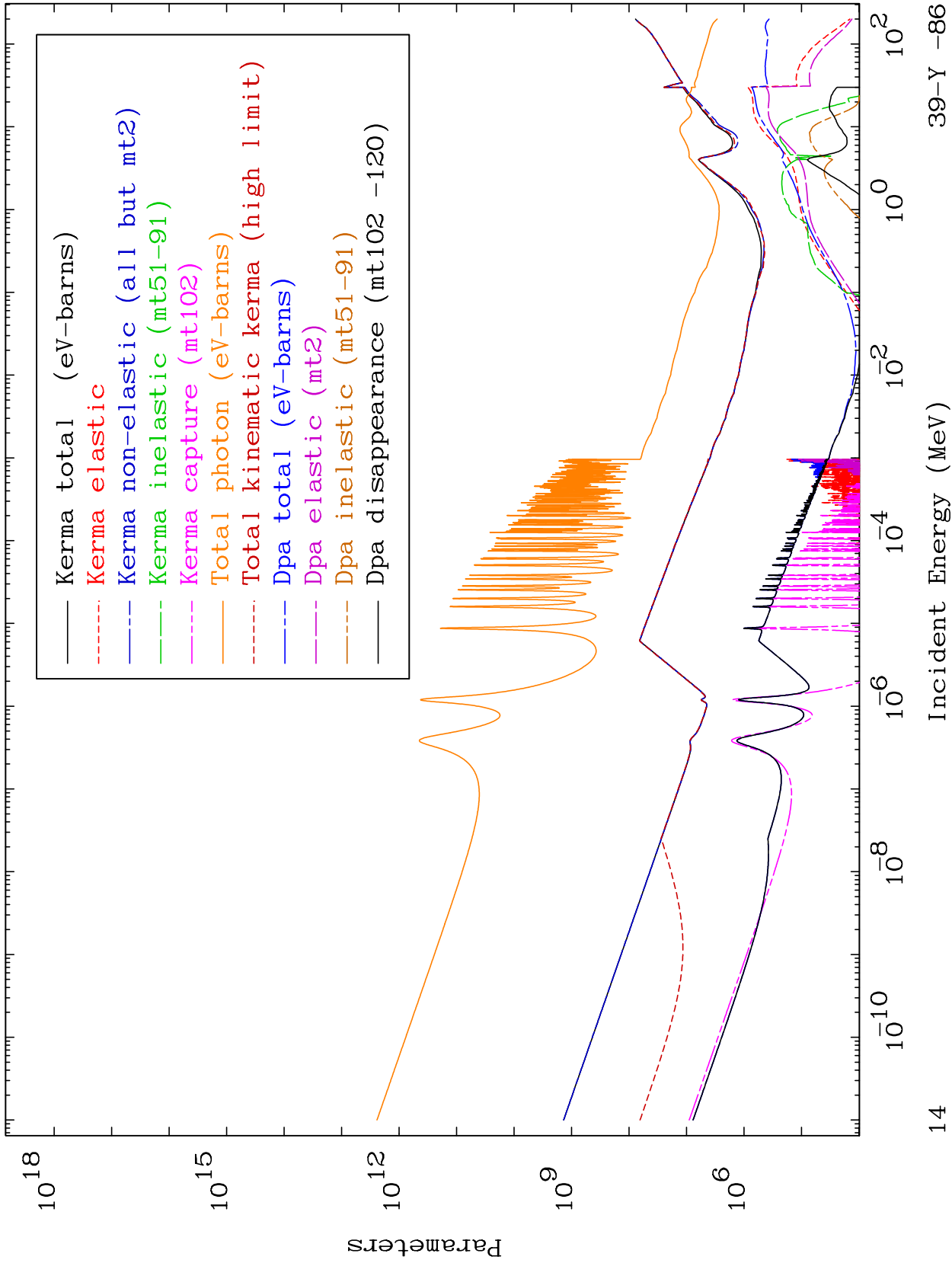
39-Y -86



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Incident Energy (MeV)

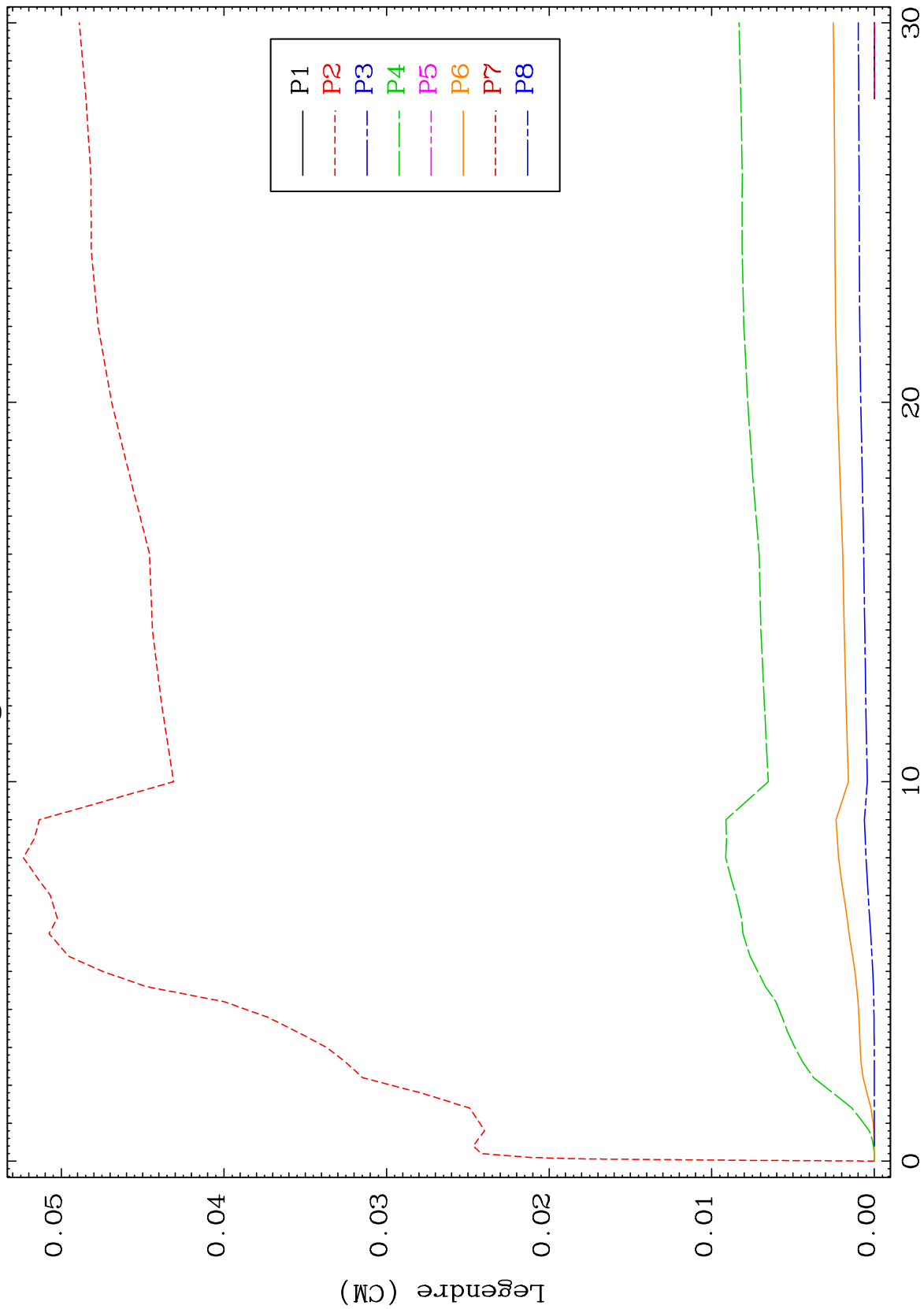
39-Y -86



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Elastic Legendre Coefficients

39-Y -86



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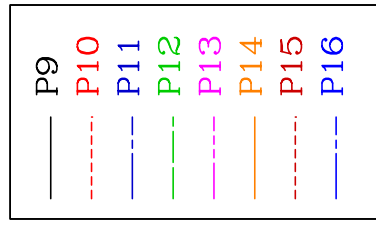
Incident Energy (MeV)

39-Y -86

MAT 3917

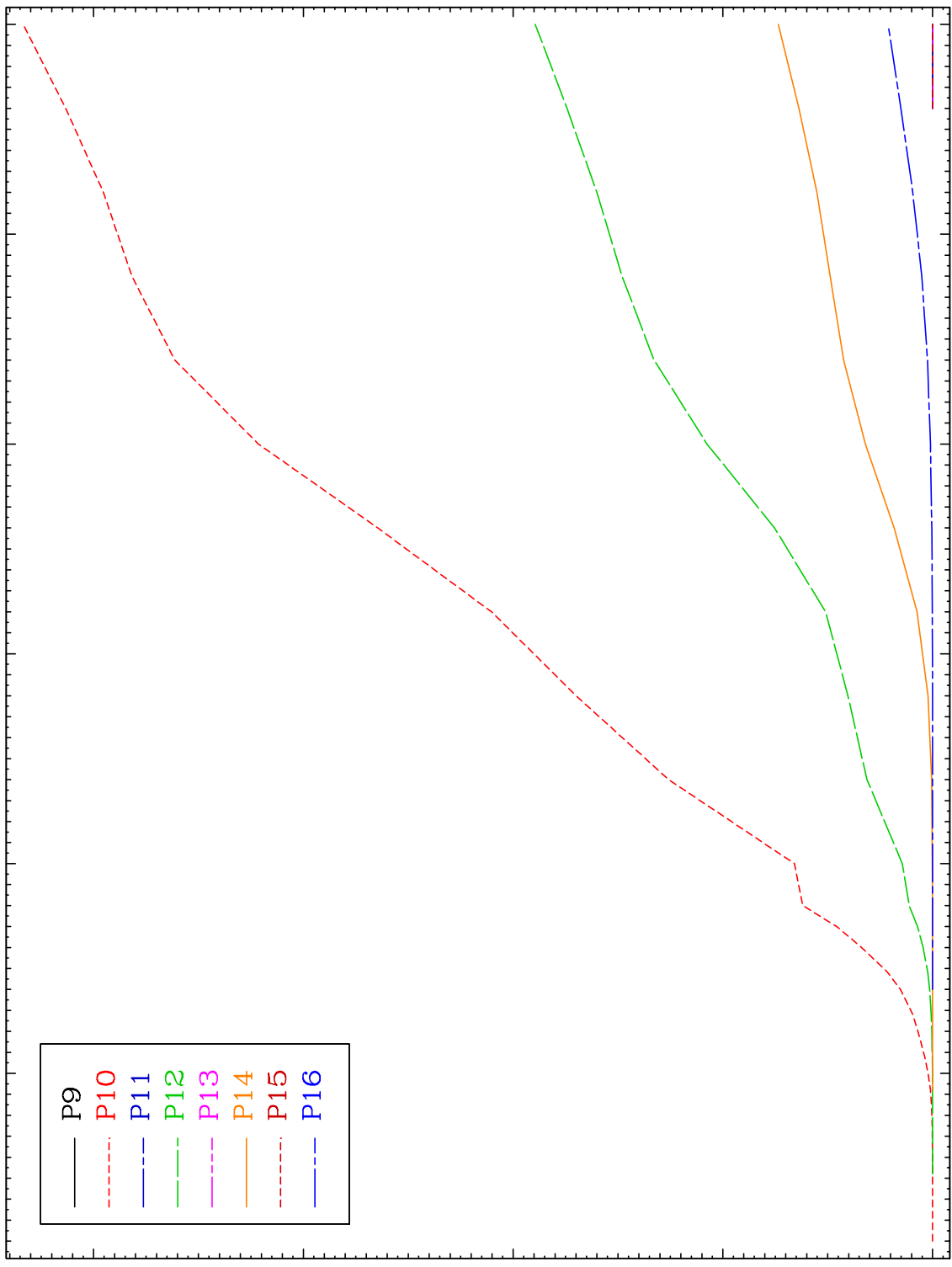
Elastic Legendre Coefficients

39-Y -86



$\times 10^{-4}$

Legendre (CM)



16

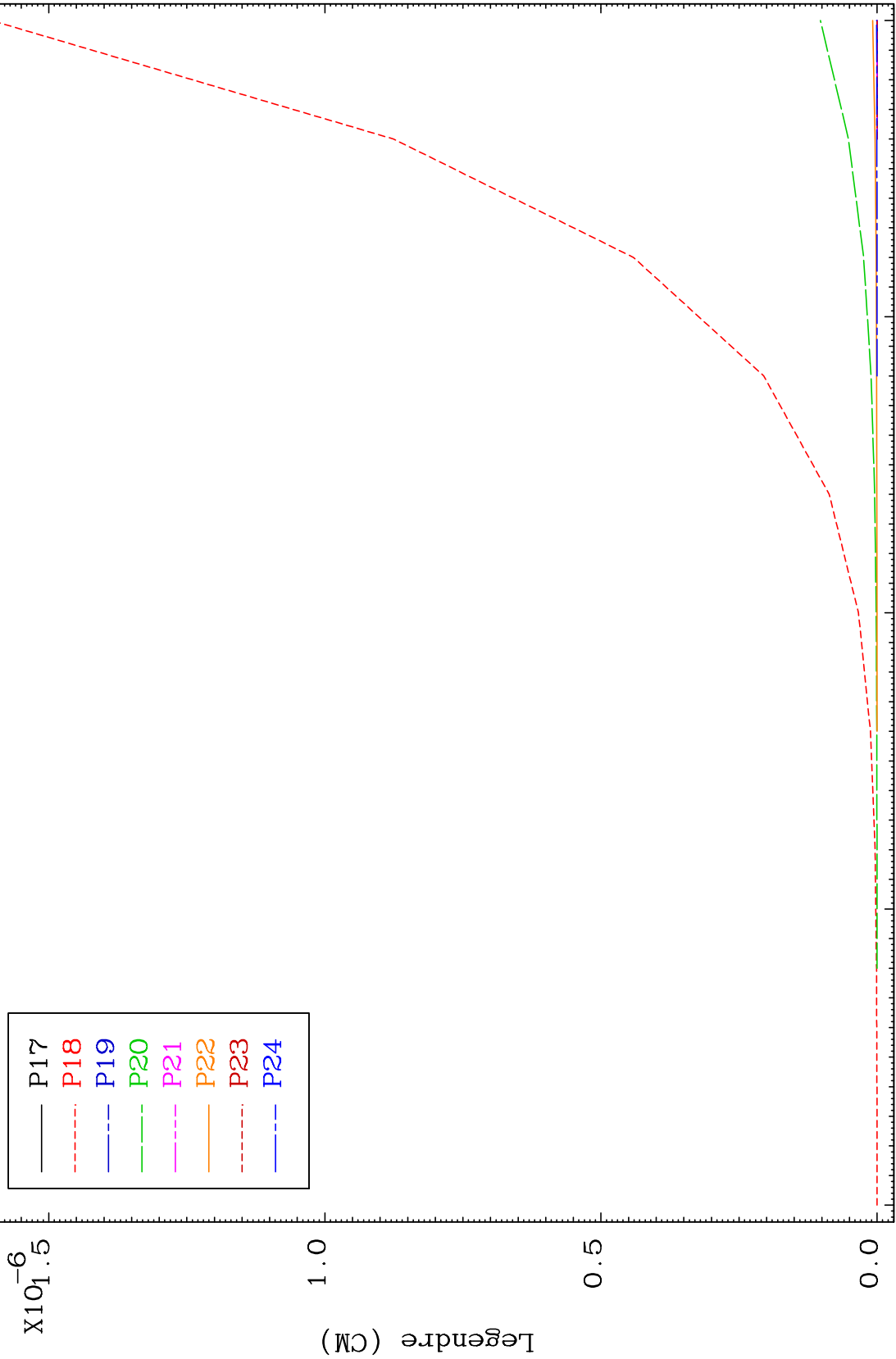
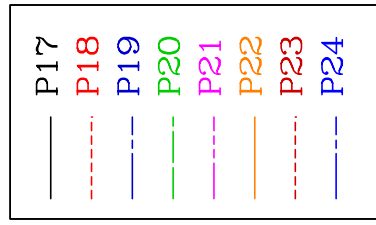
Incident Energy (MeV)

39-Y -86

MAT 3917

Elastic Legendre Coefficients

39-Y -86



17

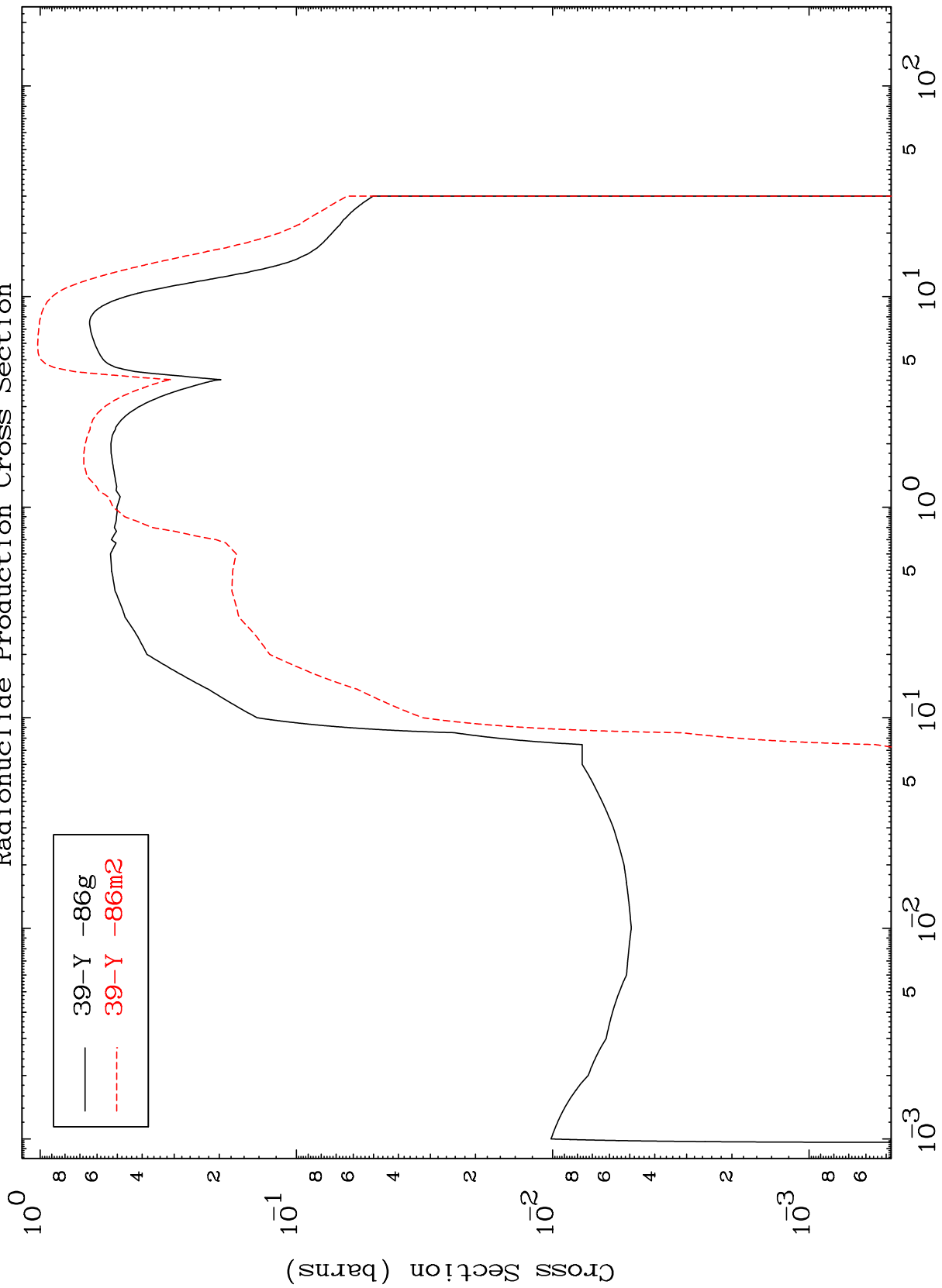
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

Inelastic
Radionuclide Production Cross Section

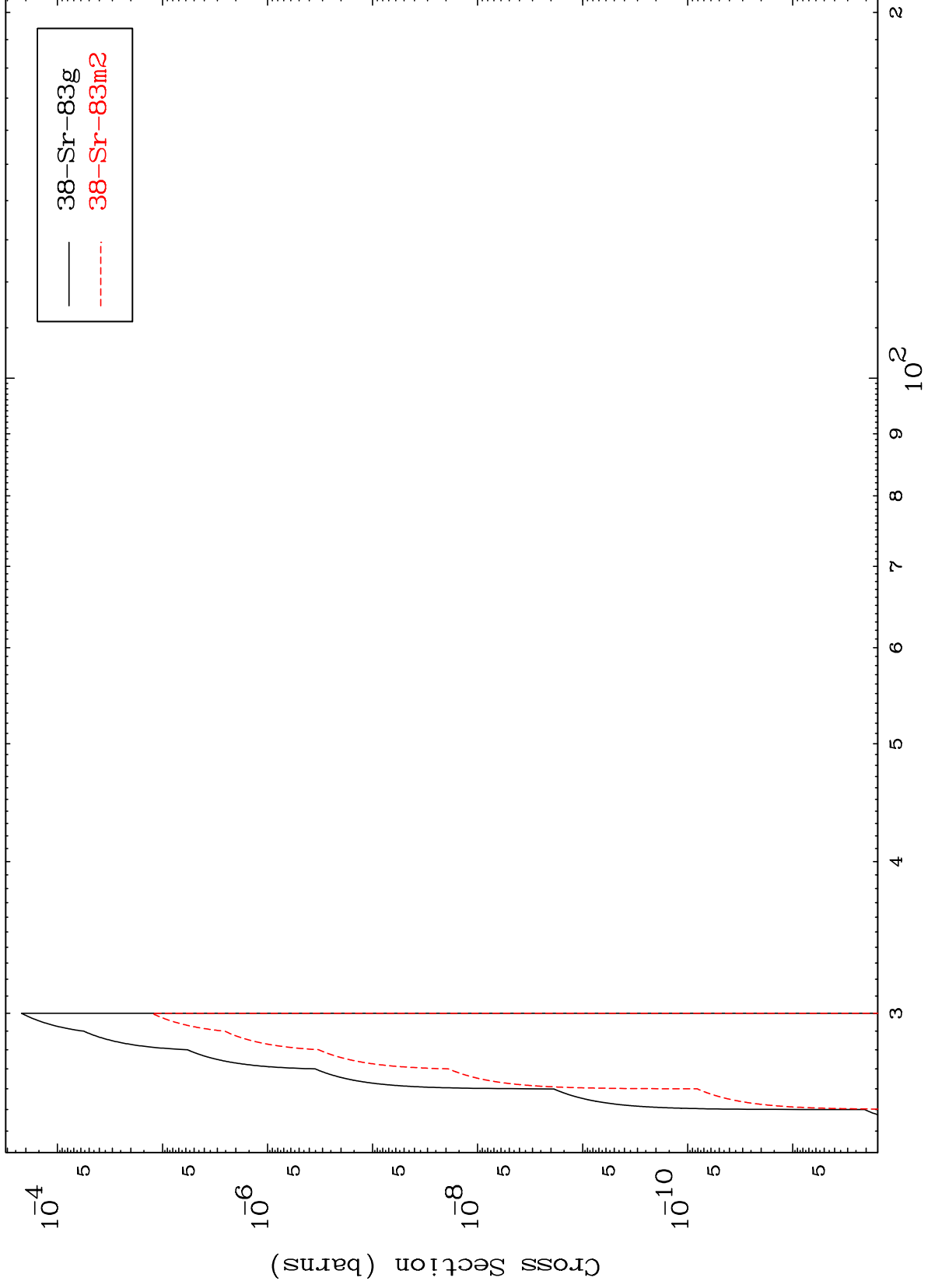


39-Y -86

Incident Energy (MeV)

18

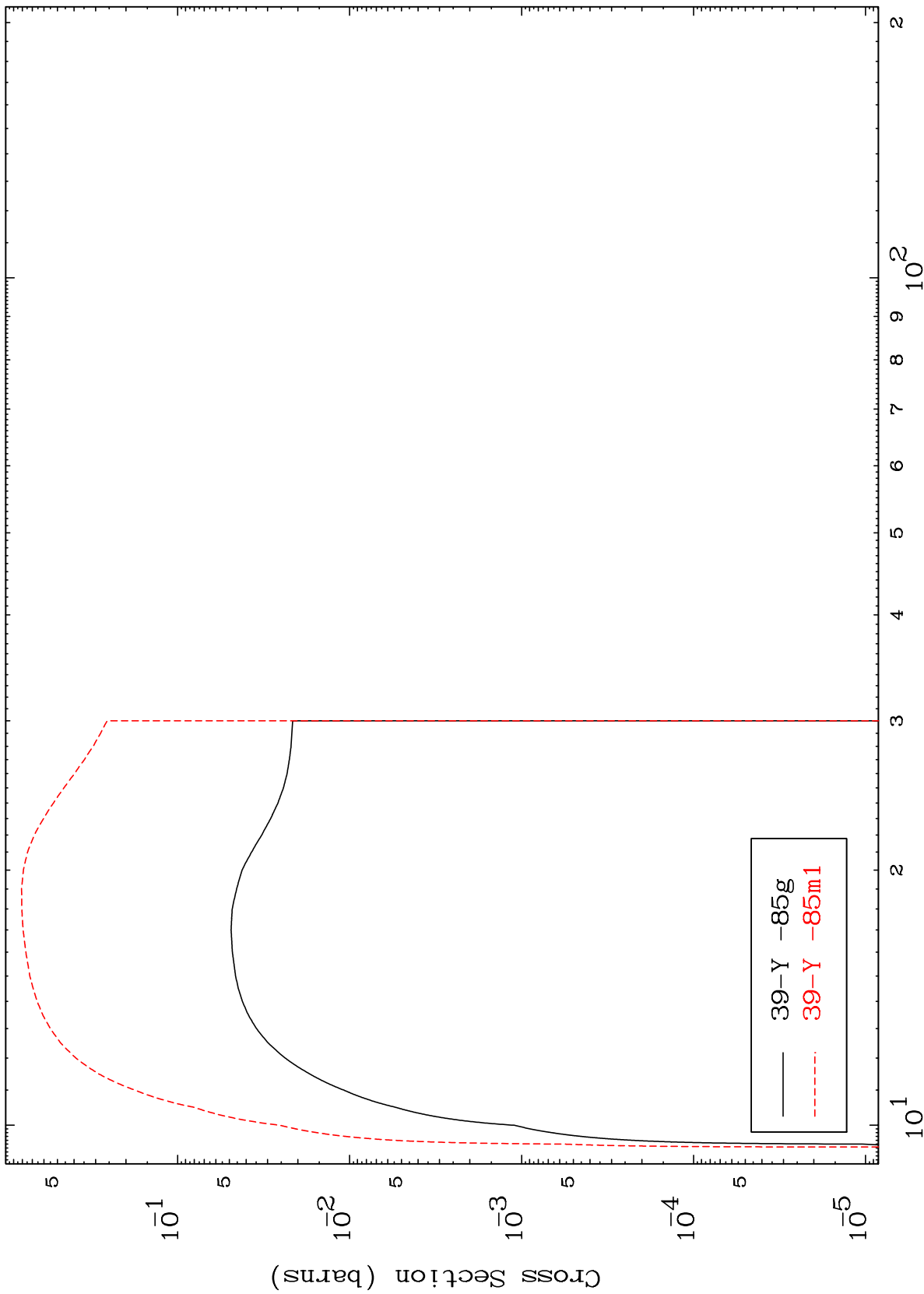
Radionuclide Production Cross Section



MAT 3917

39-Y -86

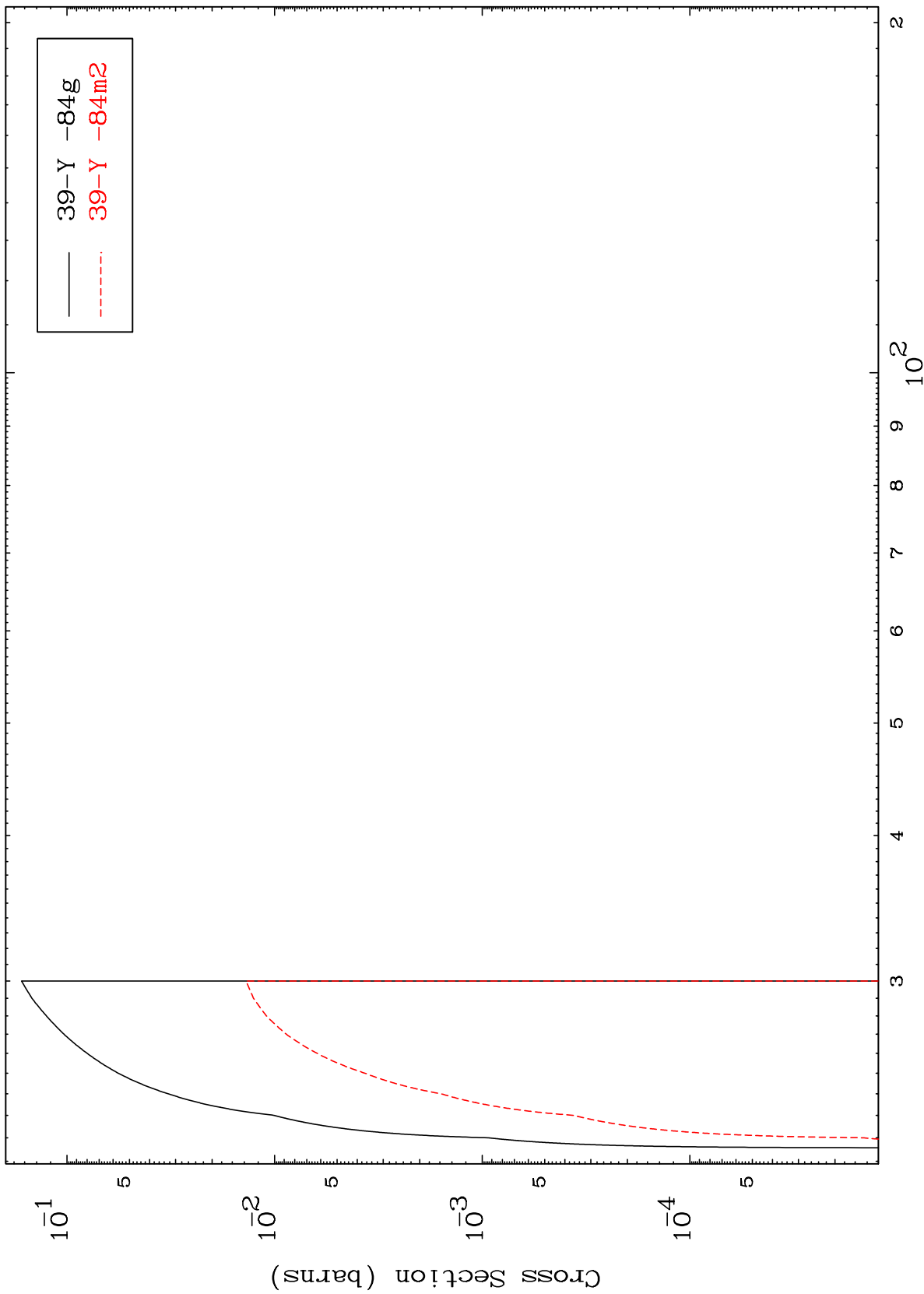
Radionuclide Production Cross Section



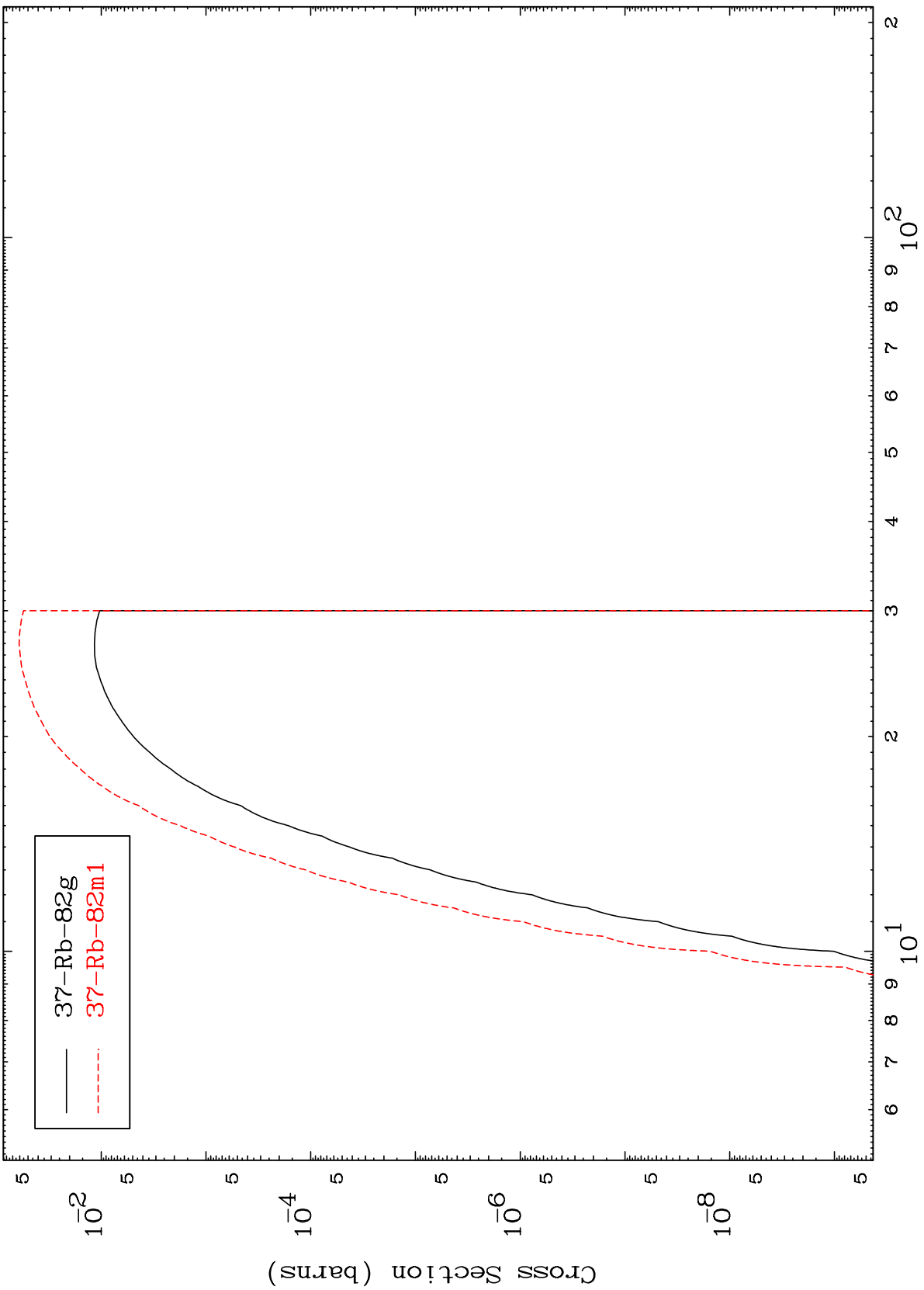
Incident Energy (MeV)

39-Y -86

(n,3n)
Radionuclide Production Cross Section

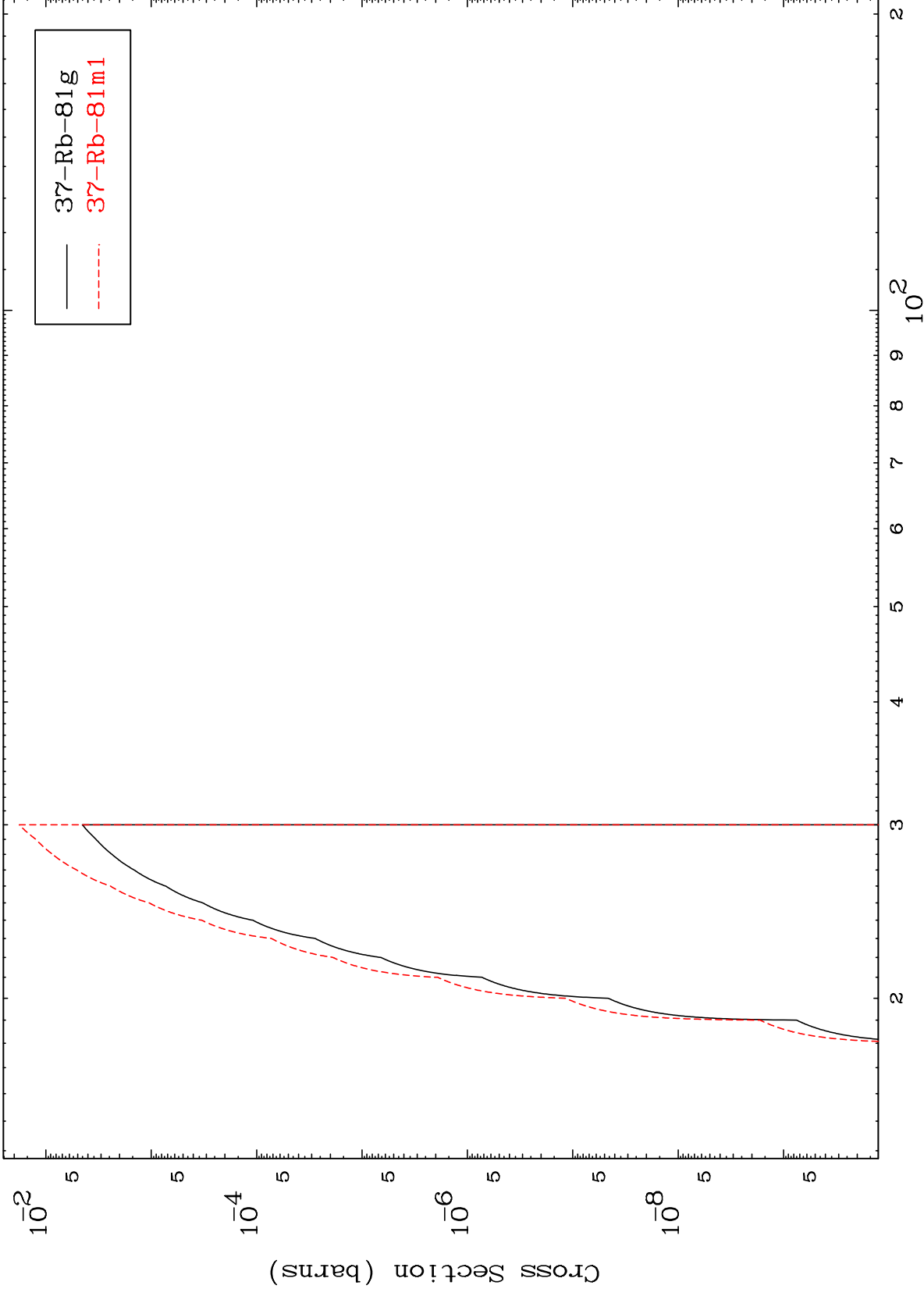


Radionuclide Production Cross Section

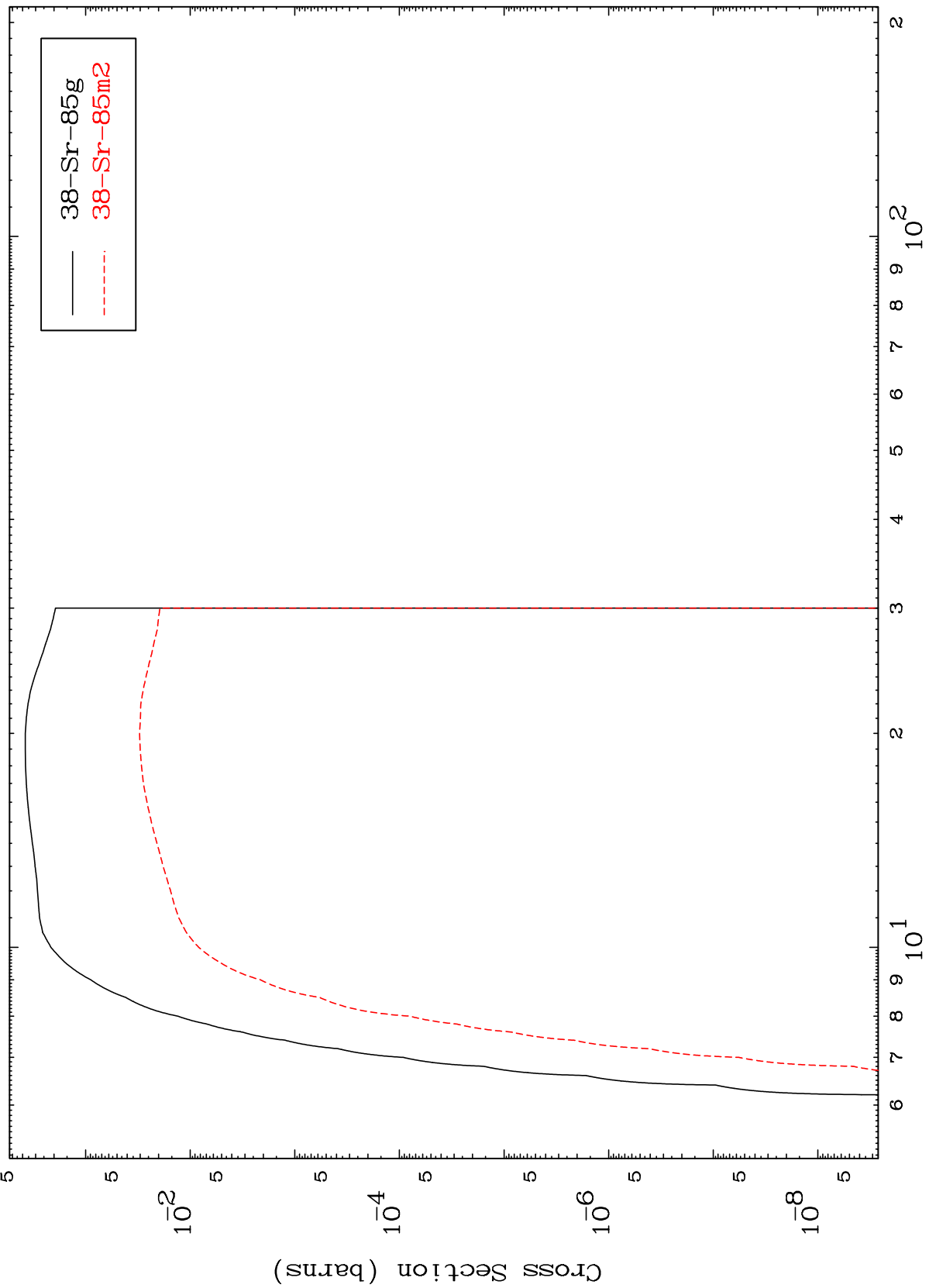


— 37-Rb-82g
- - - 37-Rb-82m1

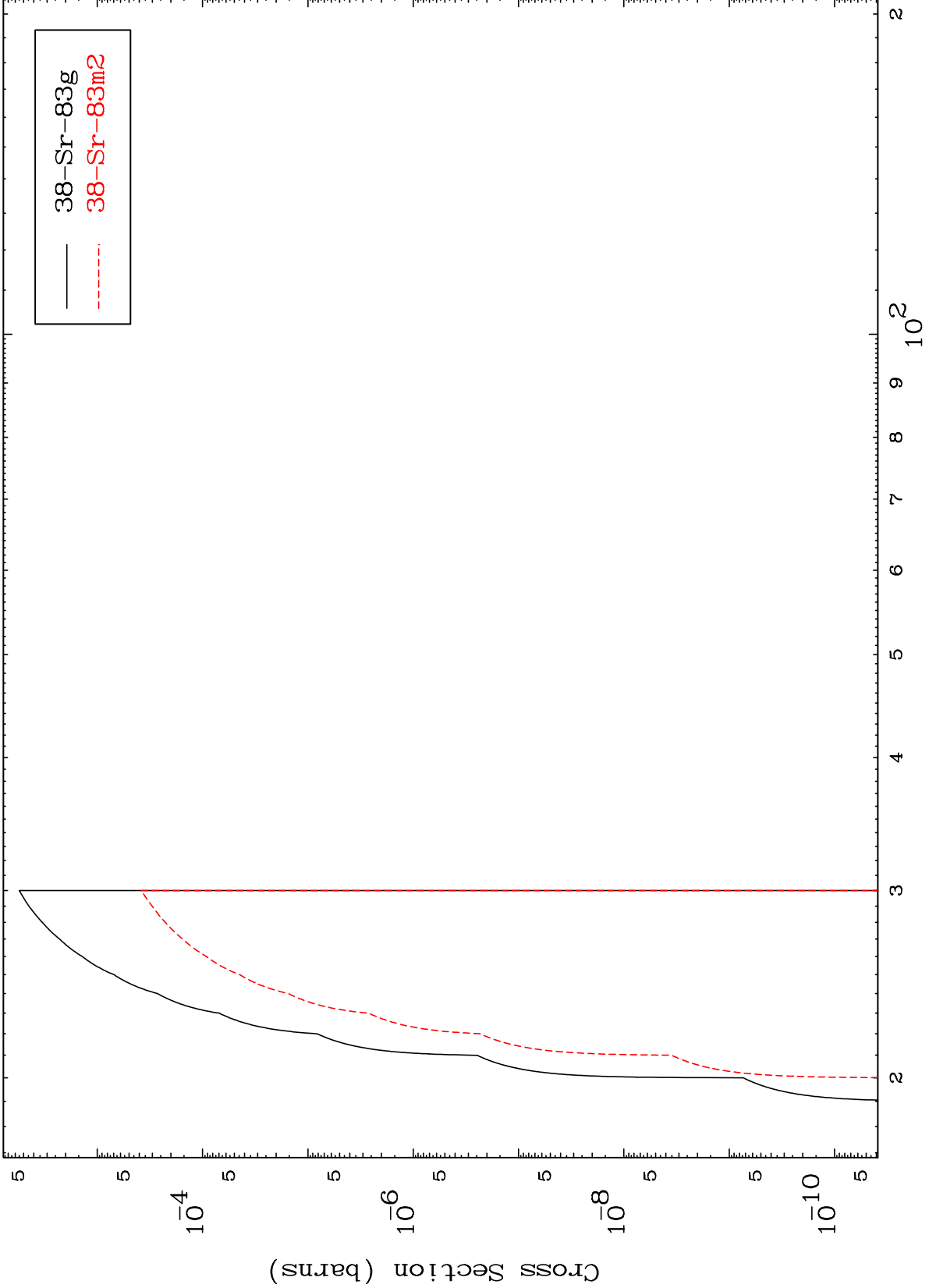
Radionuclide Production Cross Section



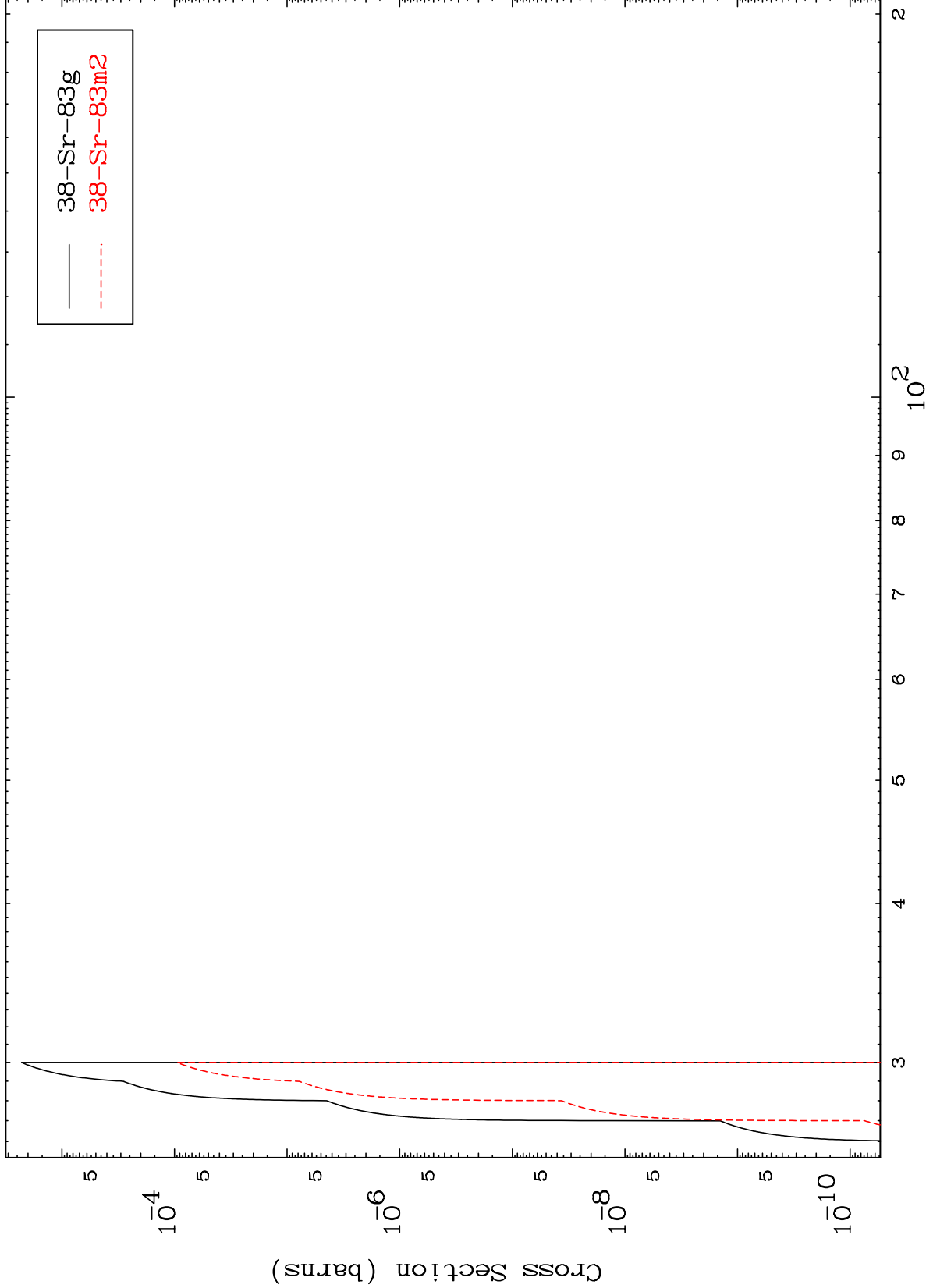
Radionuclide Production Cross Section

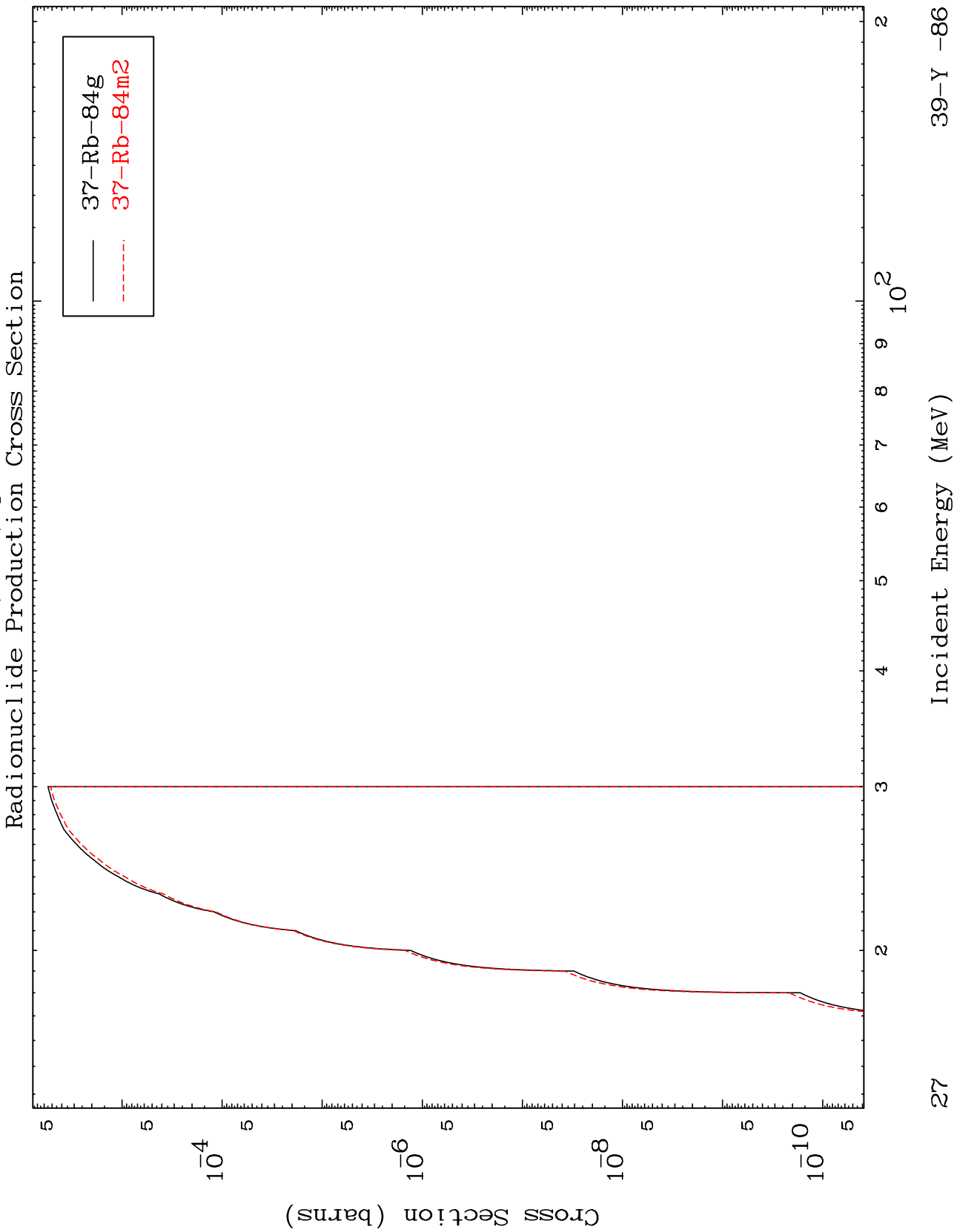


Radionuclide Production Cross Section

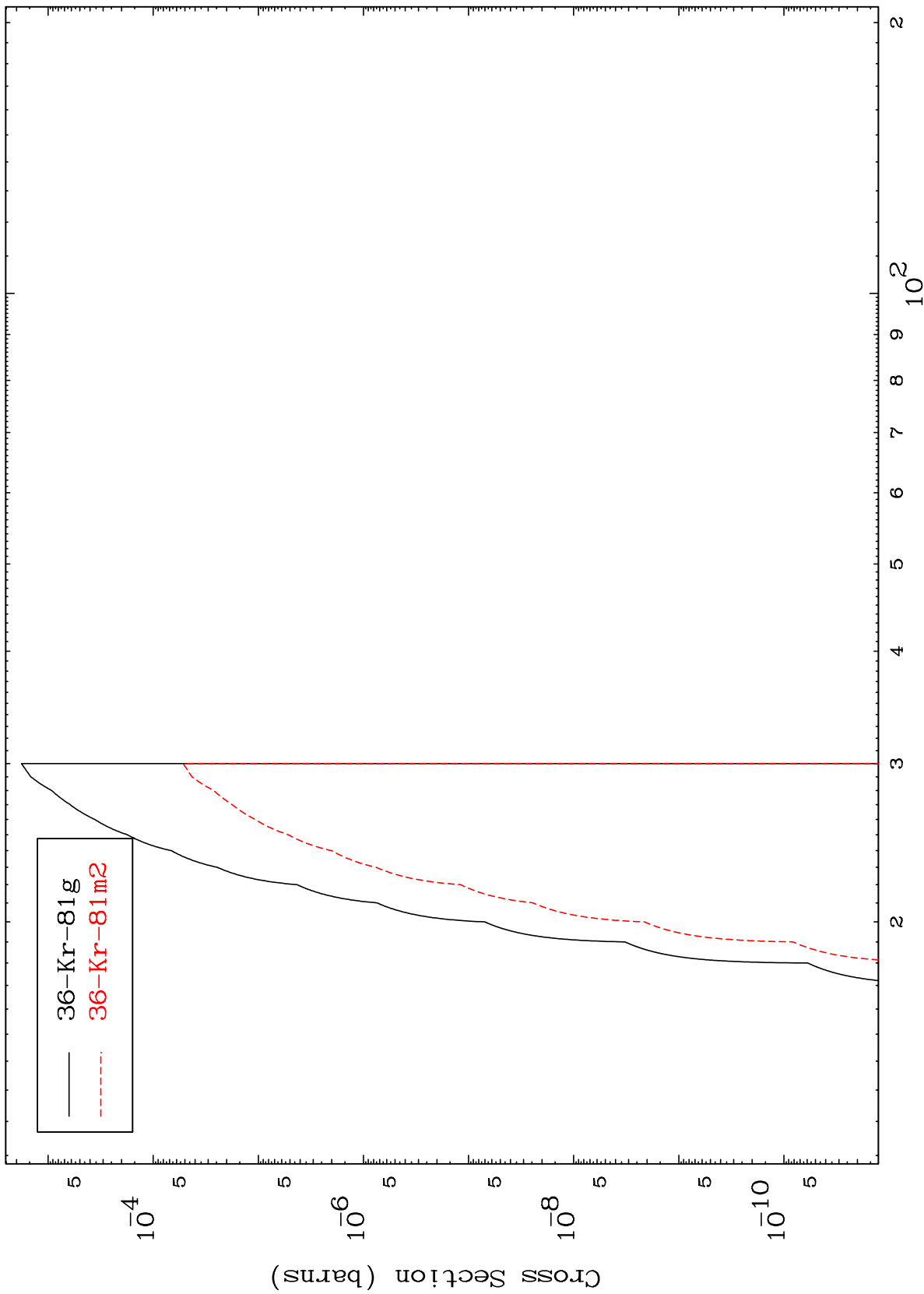


Radionuclide Production Cross Section





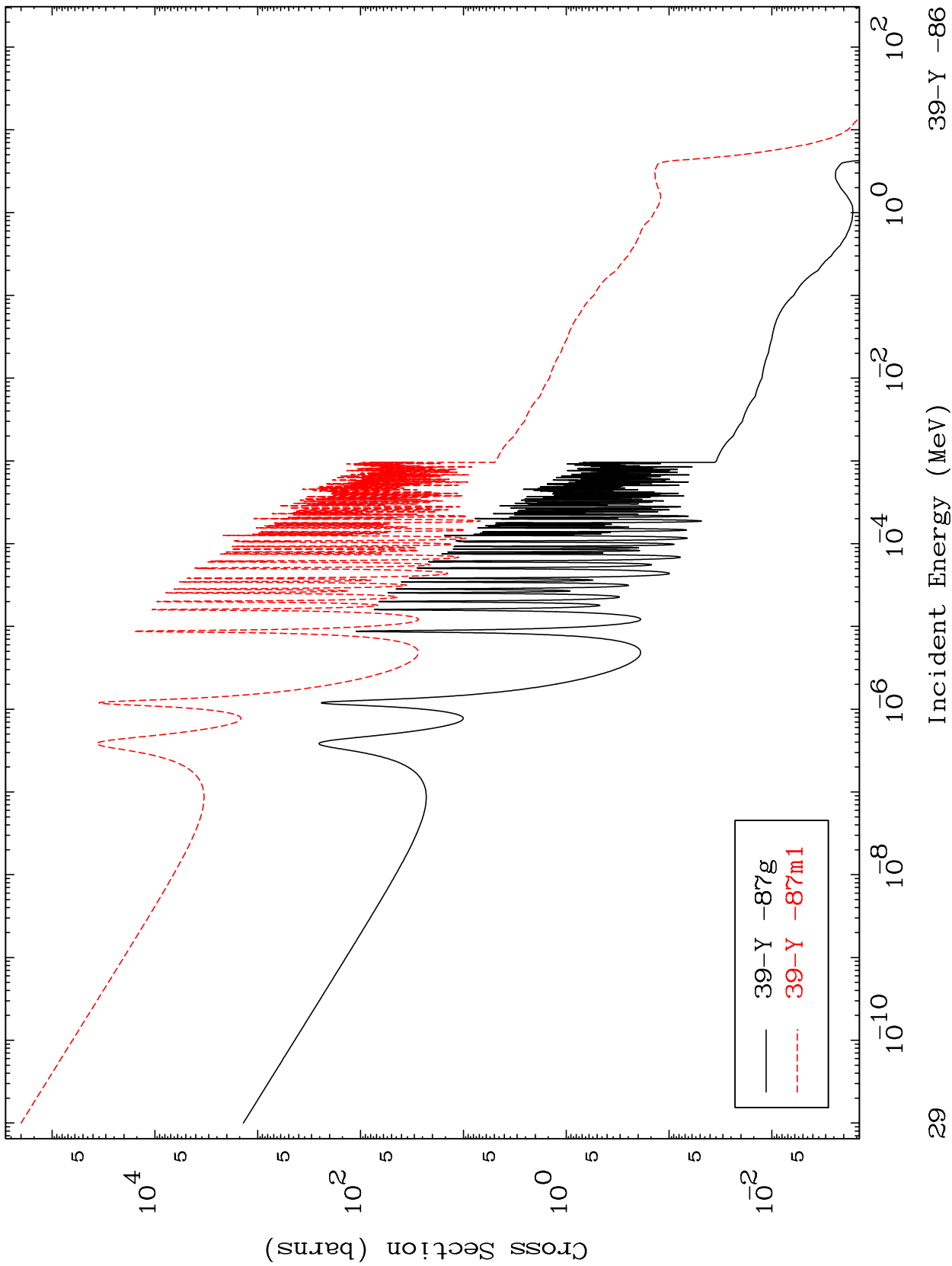
(n,n') p α
Radionuclide Production Cross Section



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39-Y -86

(n,γ)
Radionuclide Production Cross Section



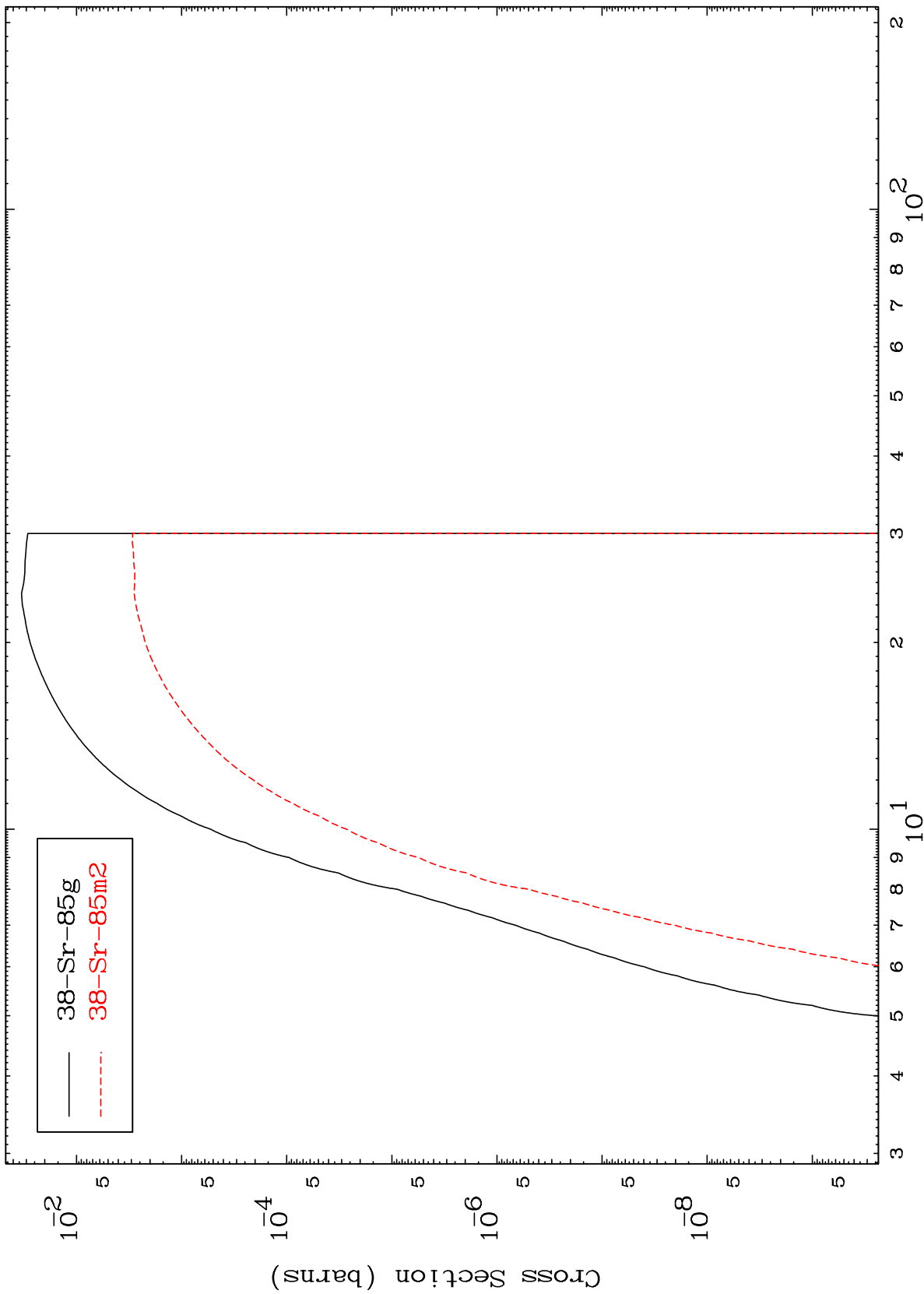
29

39-Y -86

MAT 3917

39-Y -86

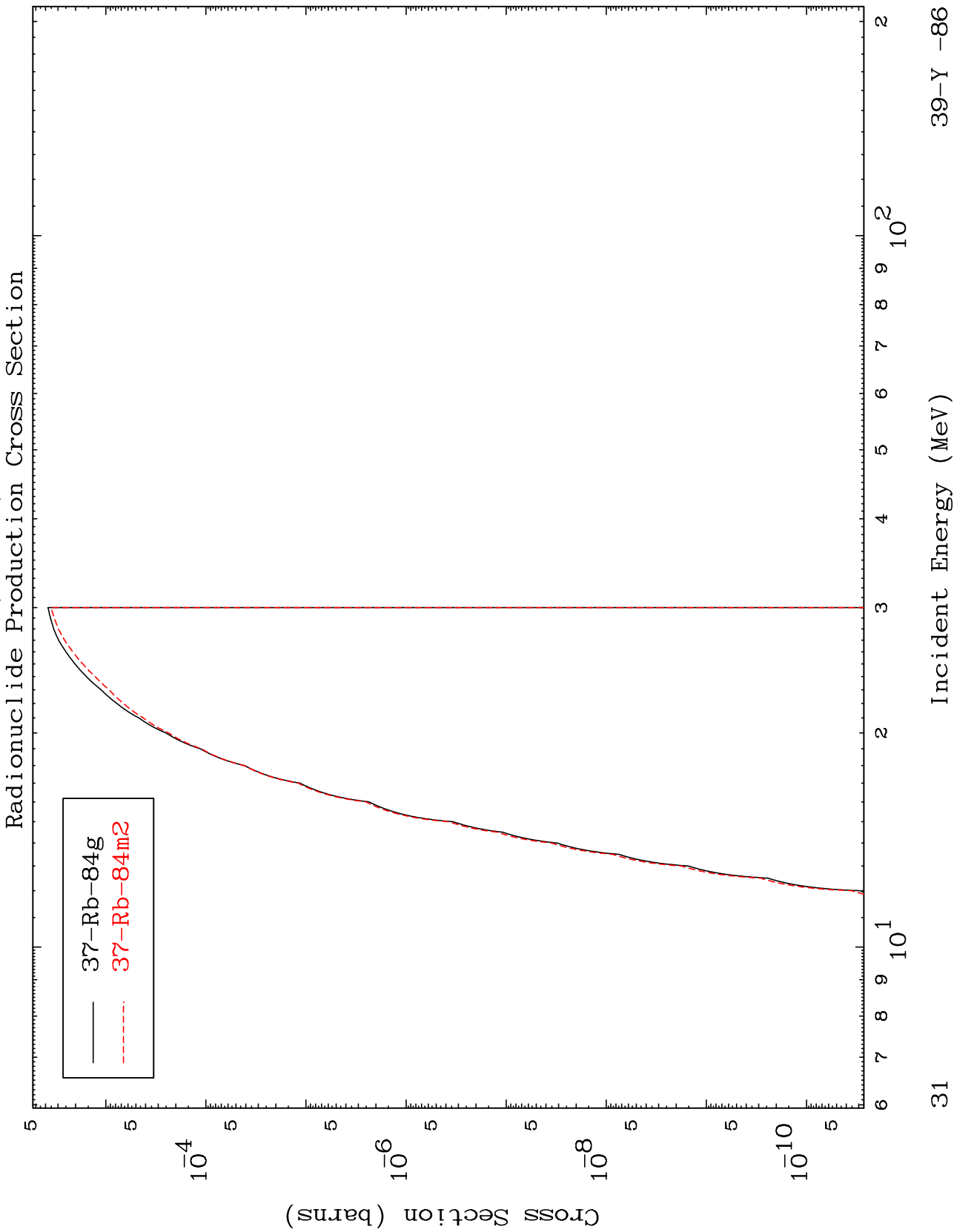
(n,d)
Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -86

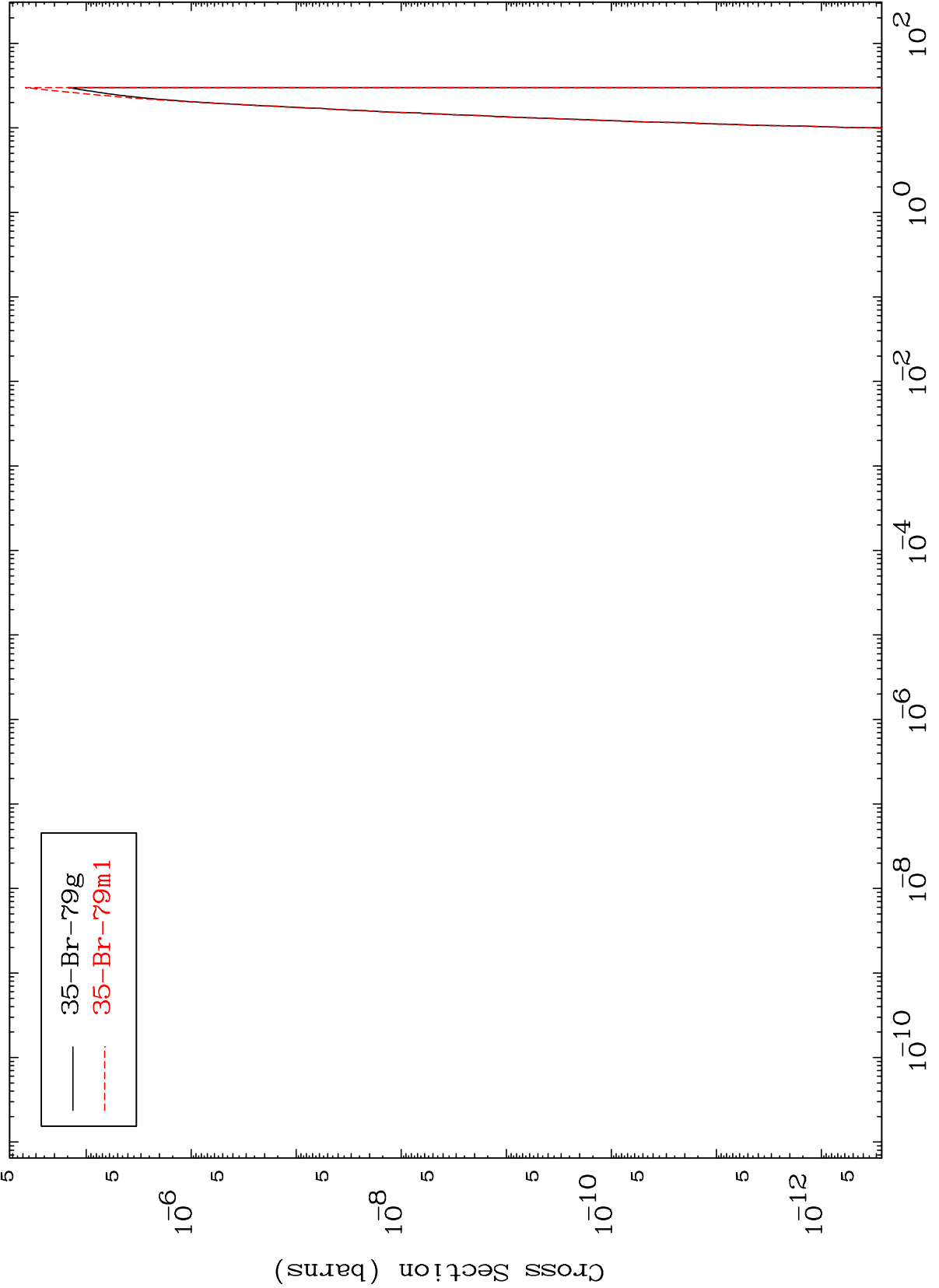


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(n,2α)

39-Y -86

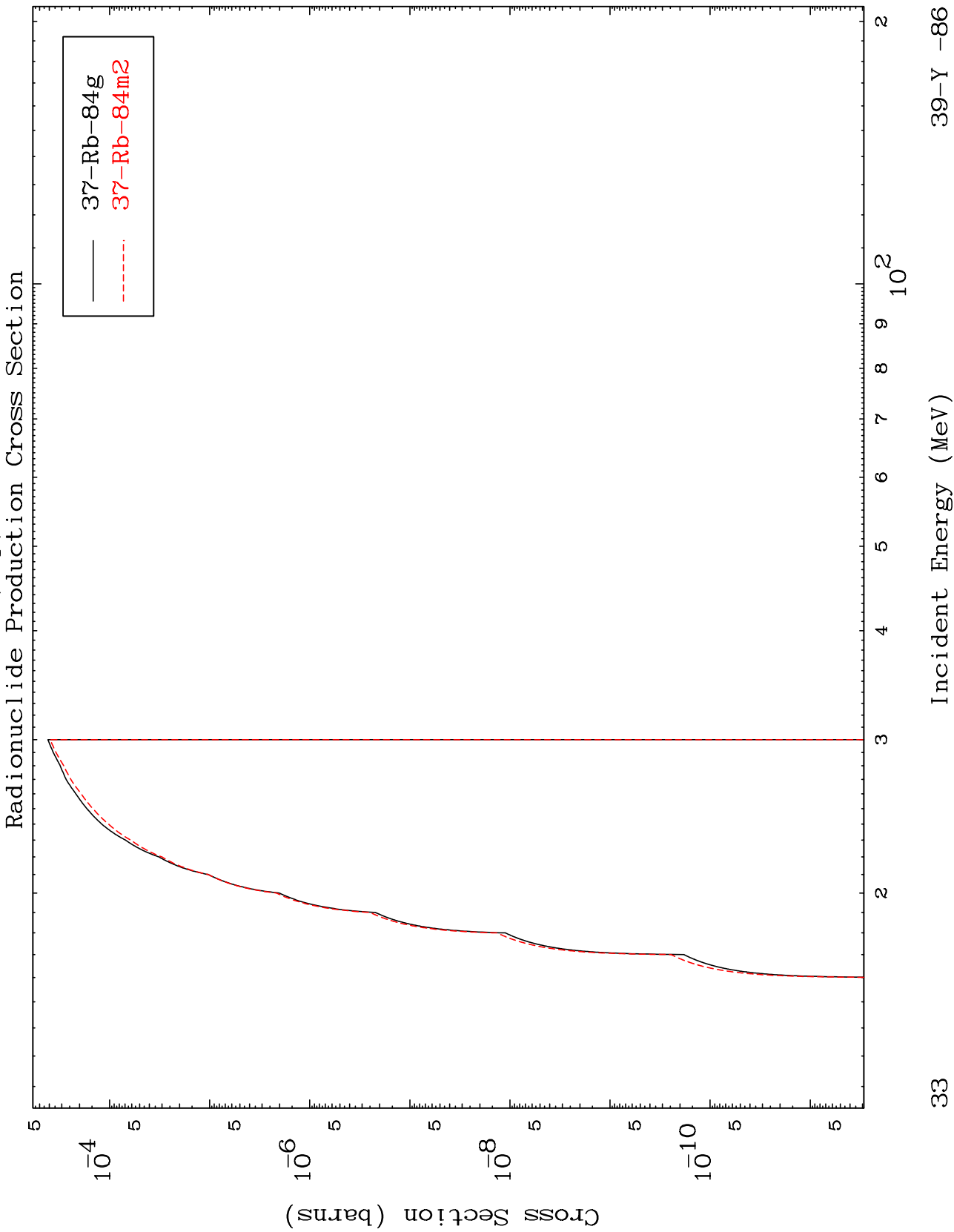
Radionuclide Production Cross Section



32

Incident Energy (MeV)

39-Y -86

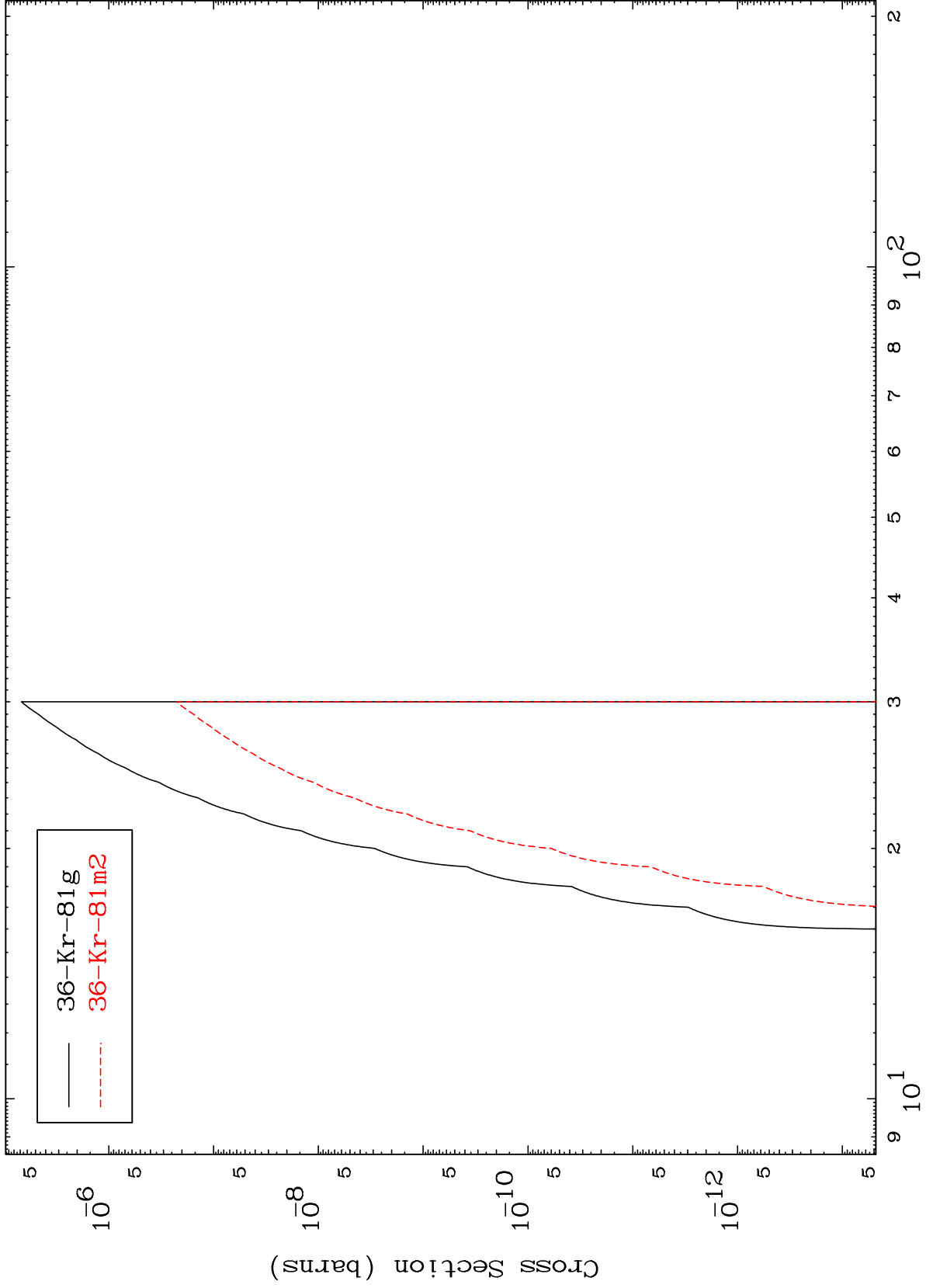


MAT 3917

(n,d) α

39-Y -86

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -86

34