

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

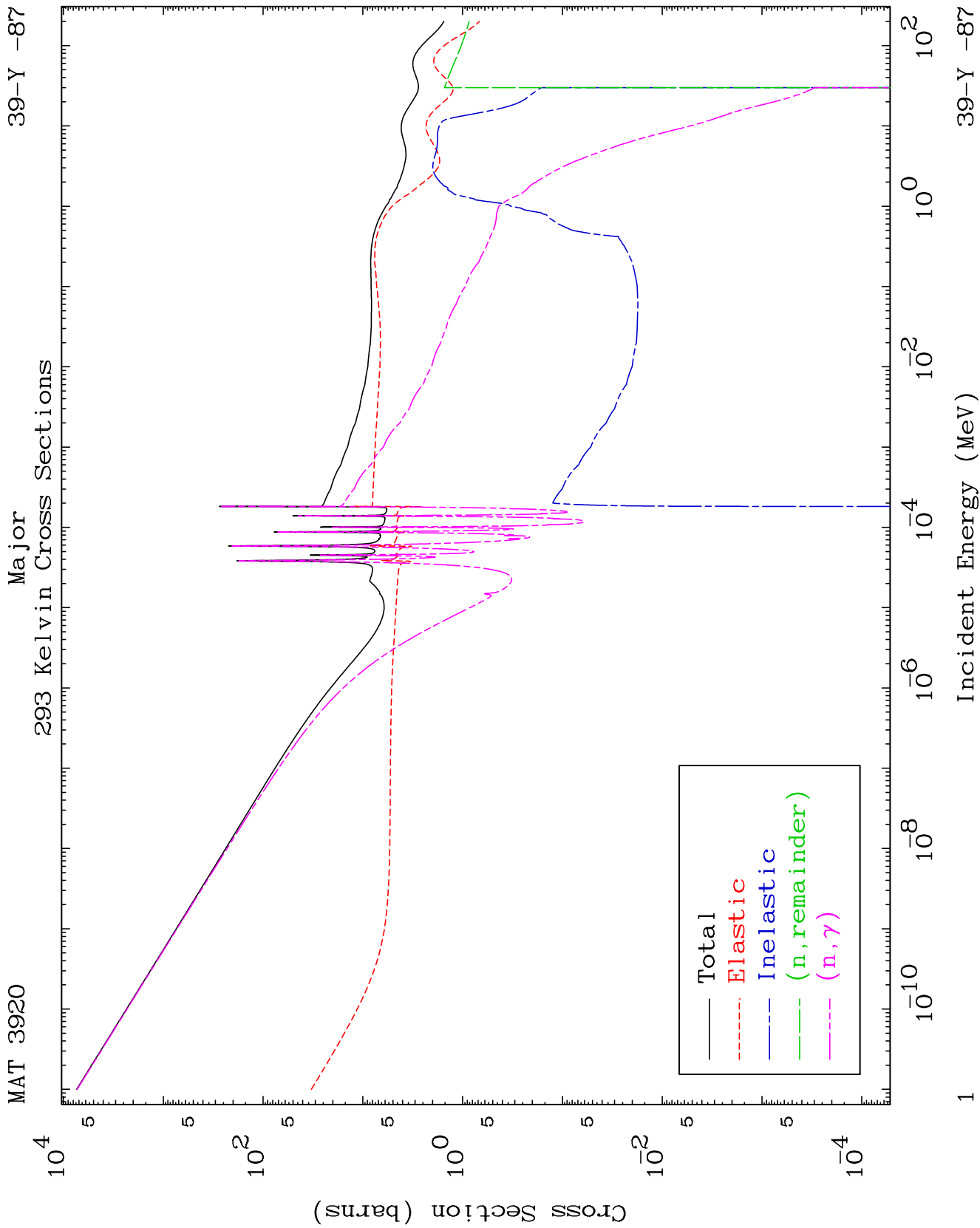
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

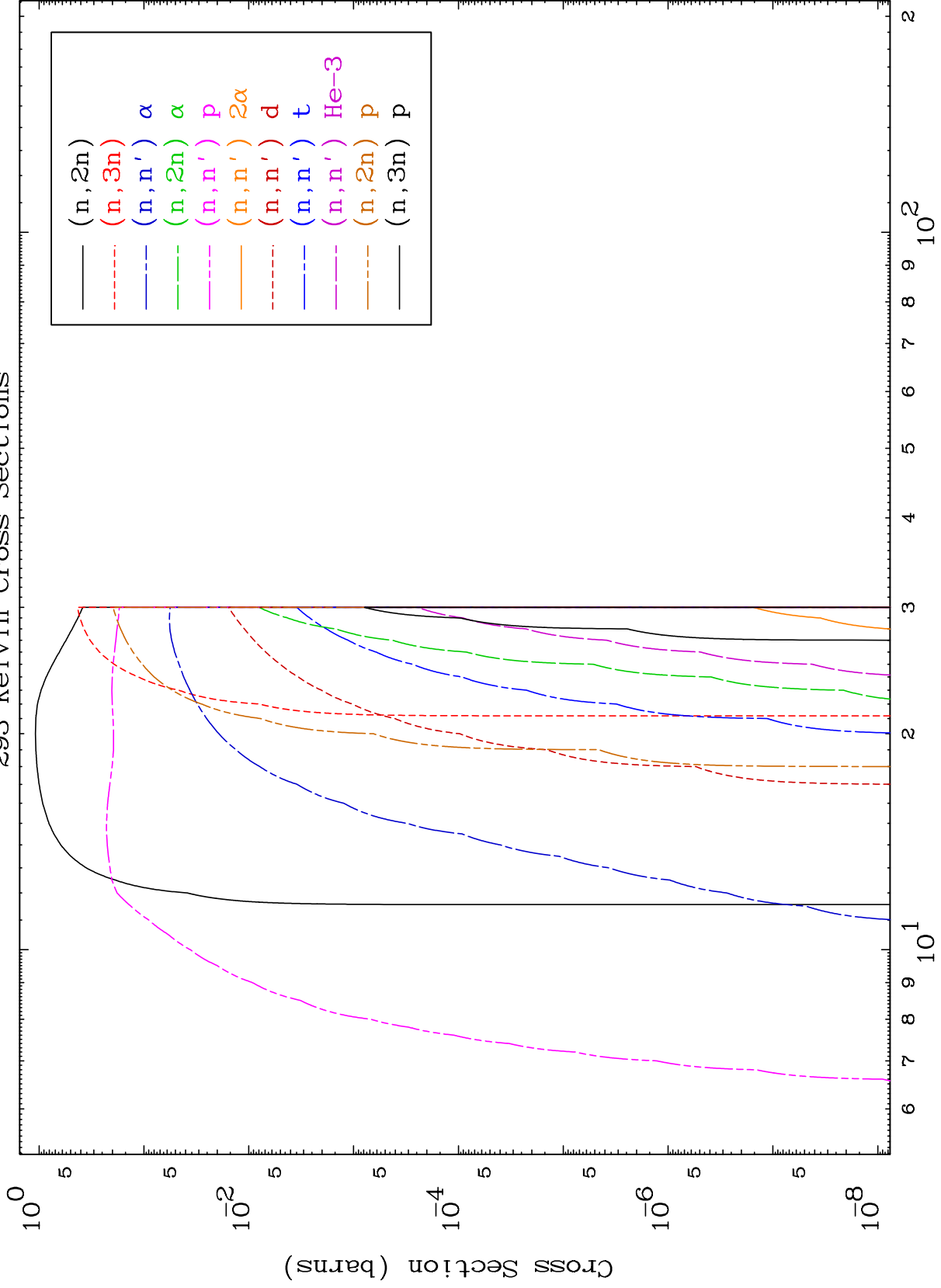
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

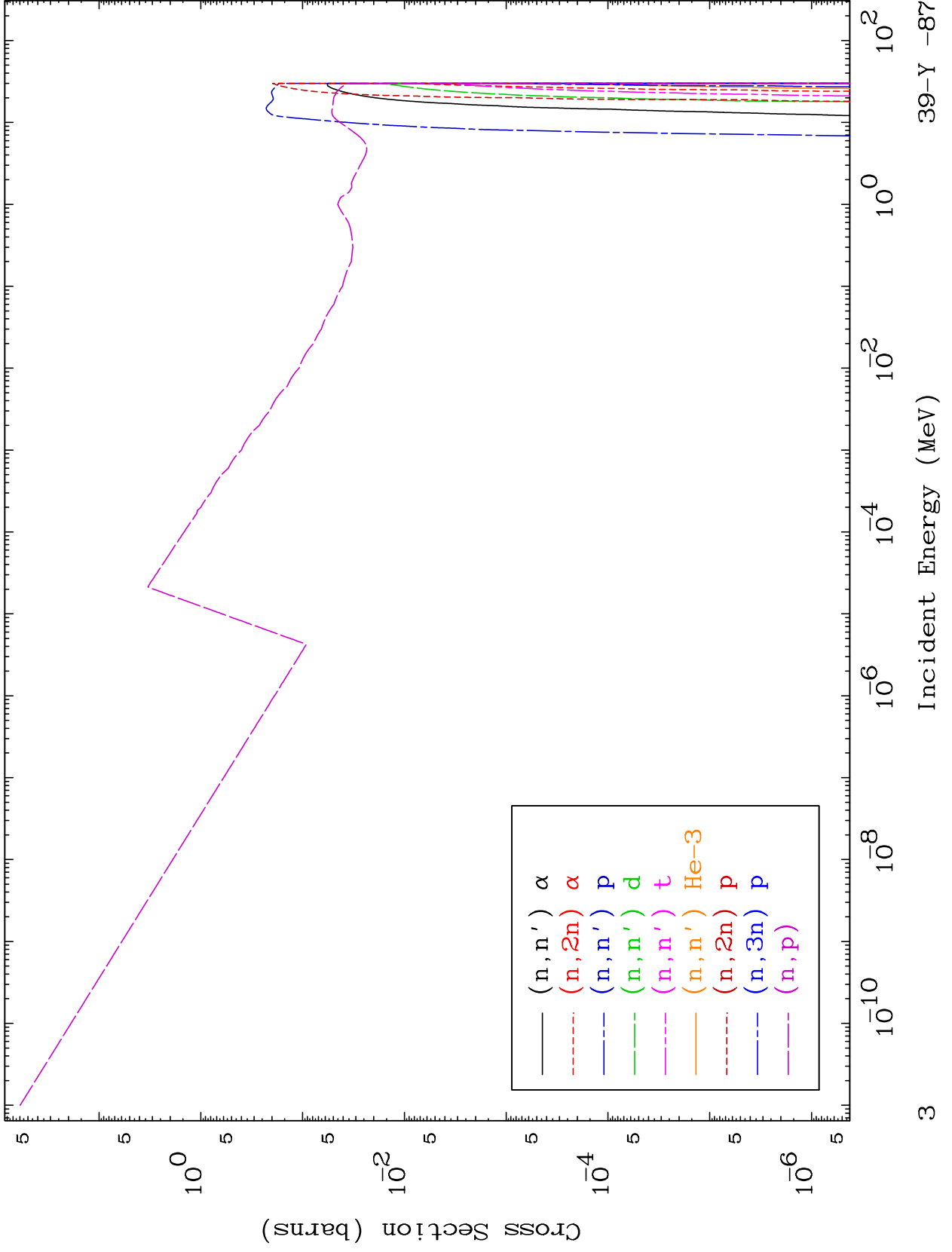




MAT 3920

Charged Particle
293 Kelvin Cross Sections

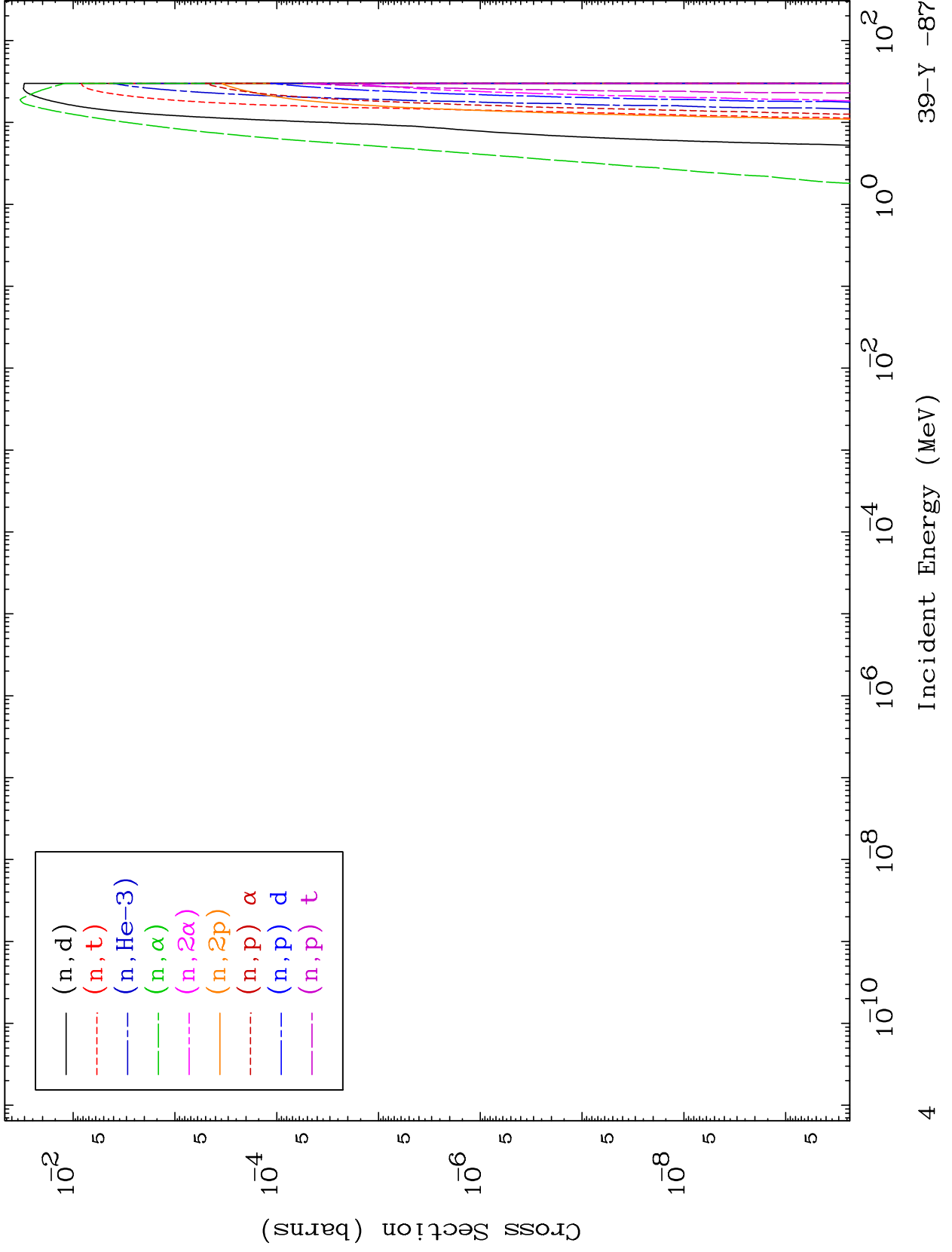
39-Y -87



MAT 3920

Charged Particle
293 Kelvin Cross Sections

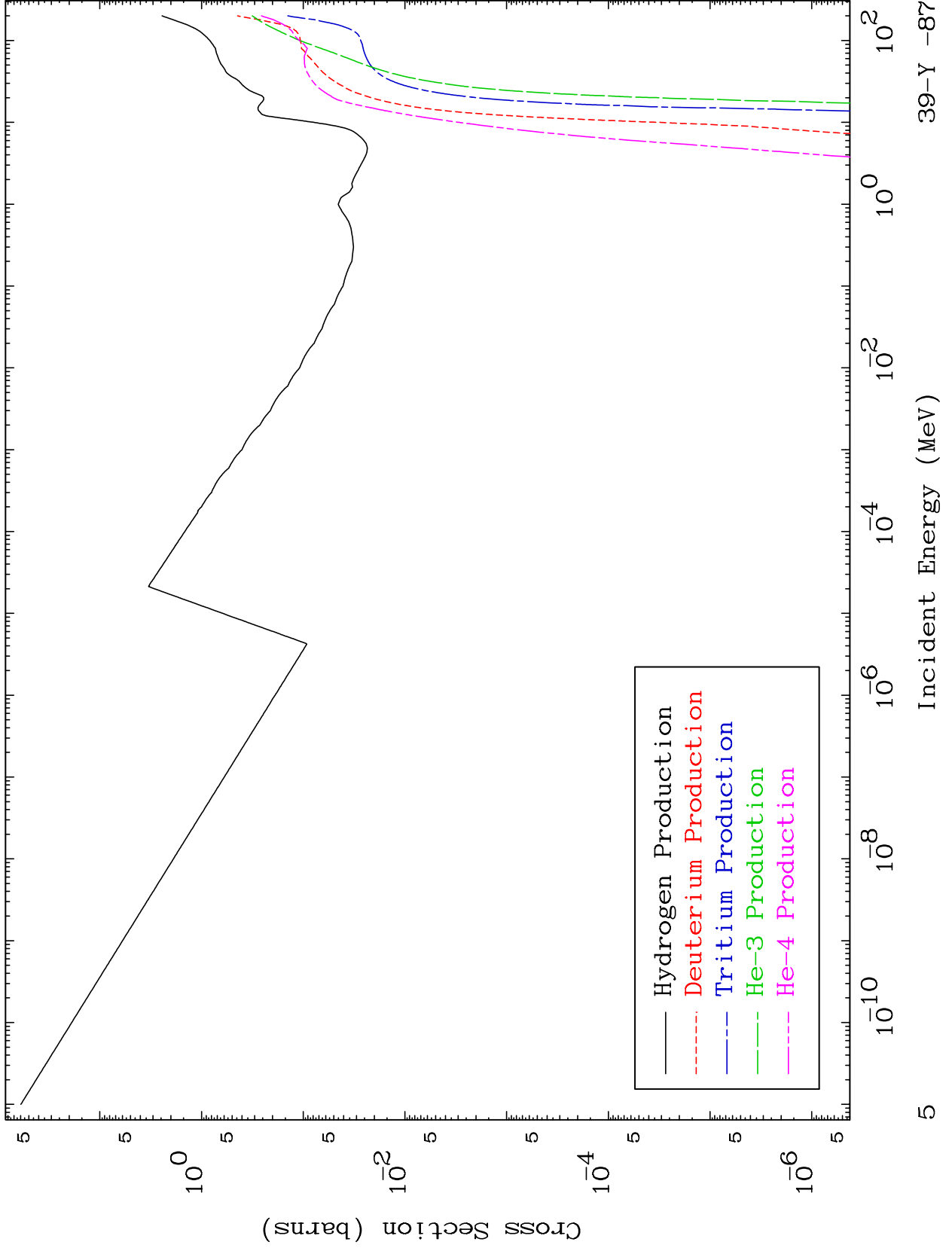
39-Y -87



MAT 3920

Particle Production
293 Kelvin Cross Sections

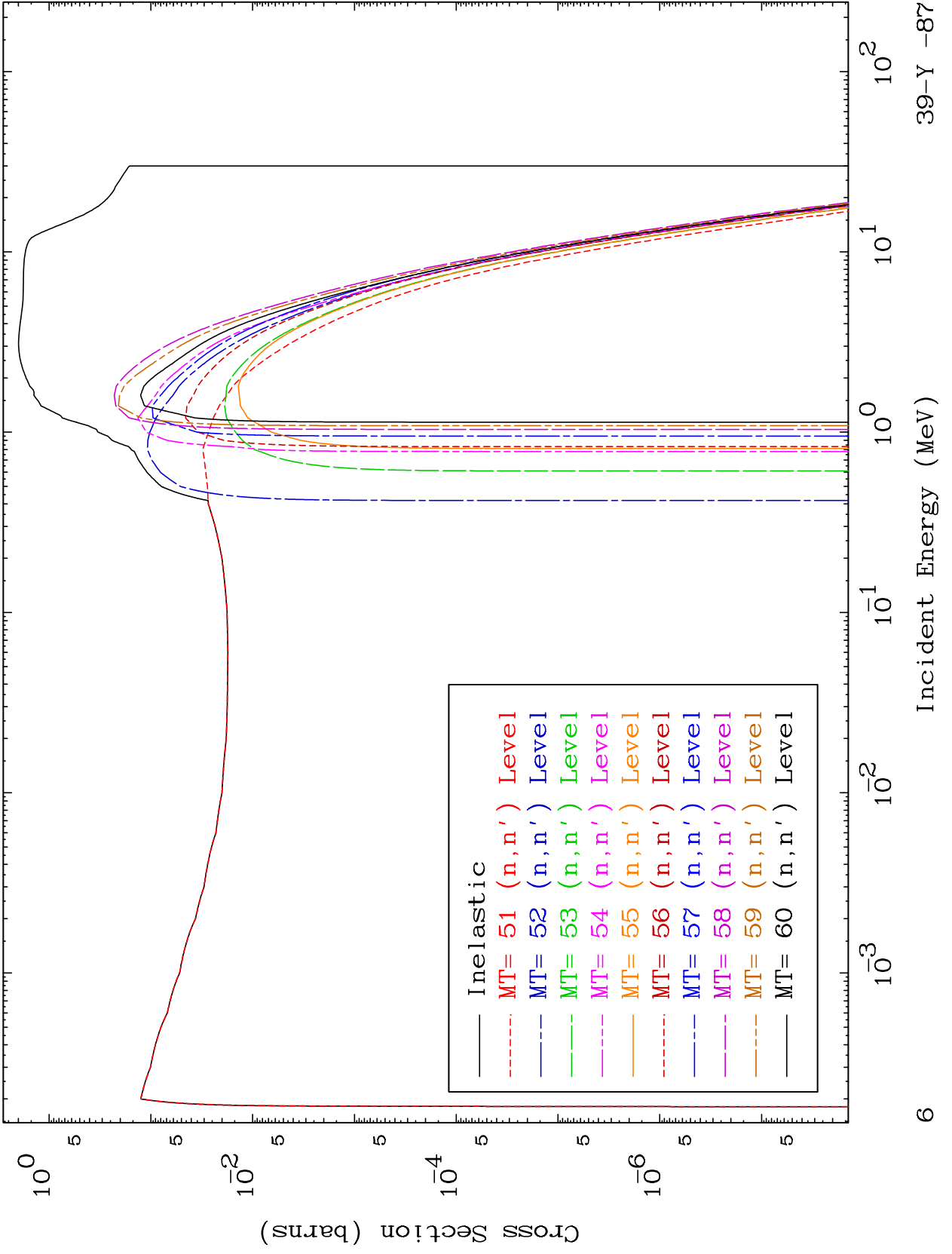
39-Y -87



MAT 3920

(n,n') Level
293 Kelvin Cross Sections

39-Y -87

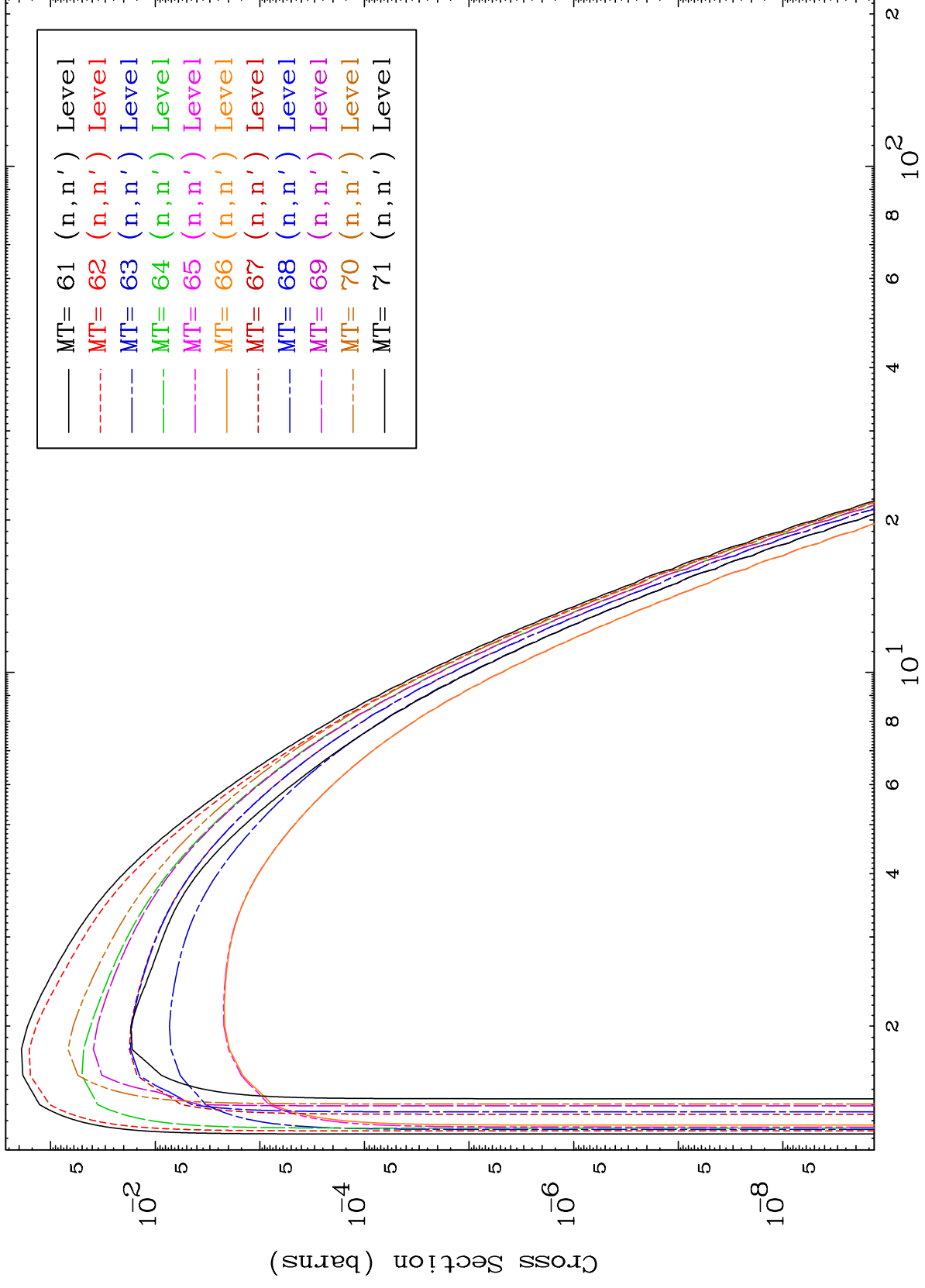


MAT 3920

(n,n') Level

39-Y -87

293 Kelvin Cross Sections

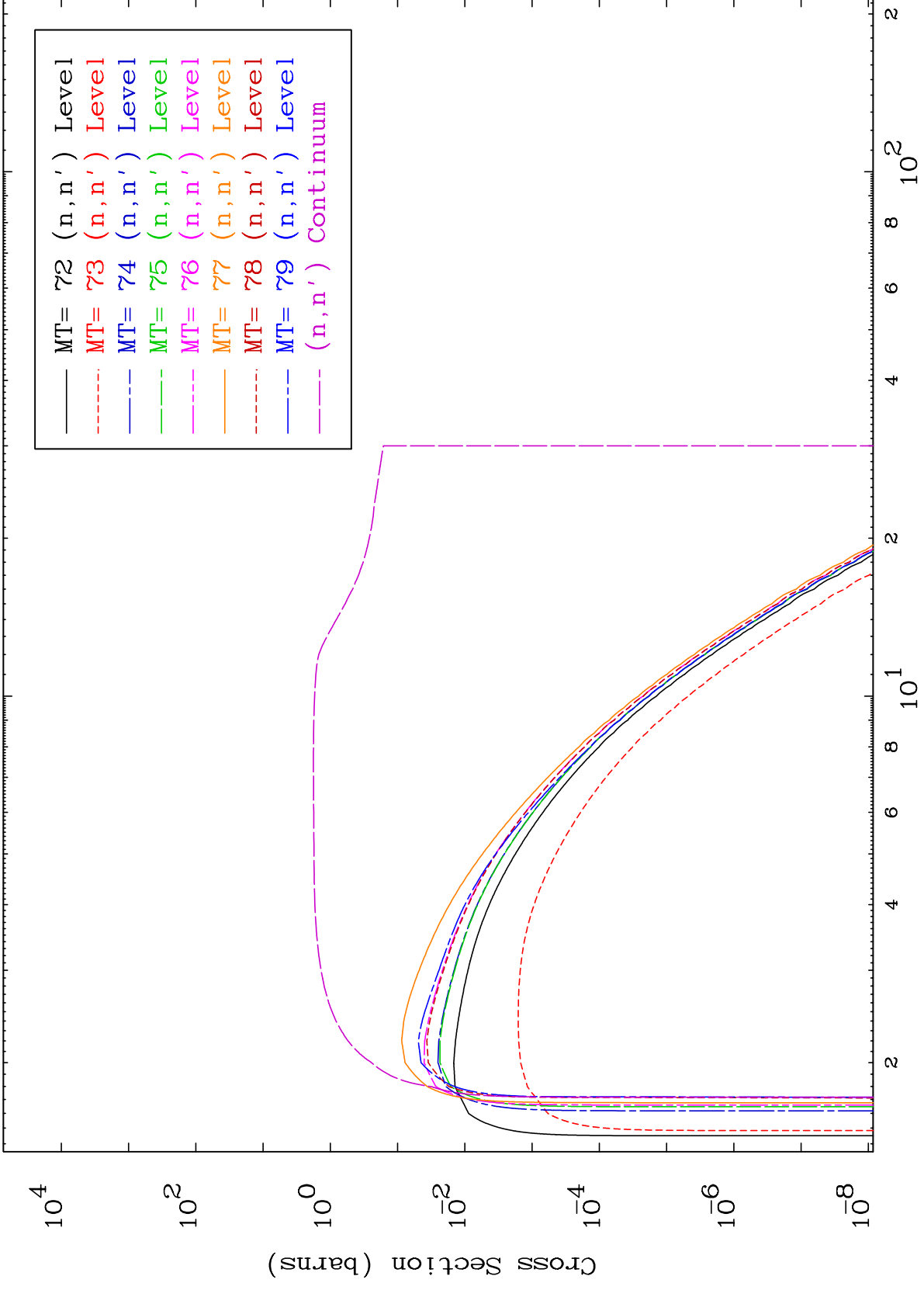


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Incident Energy (MeV)

39-Y -87

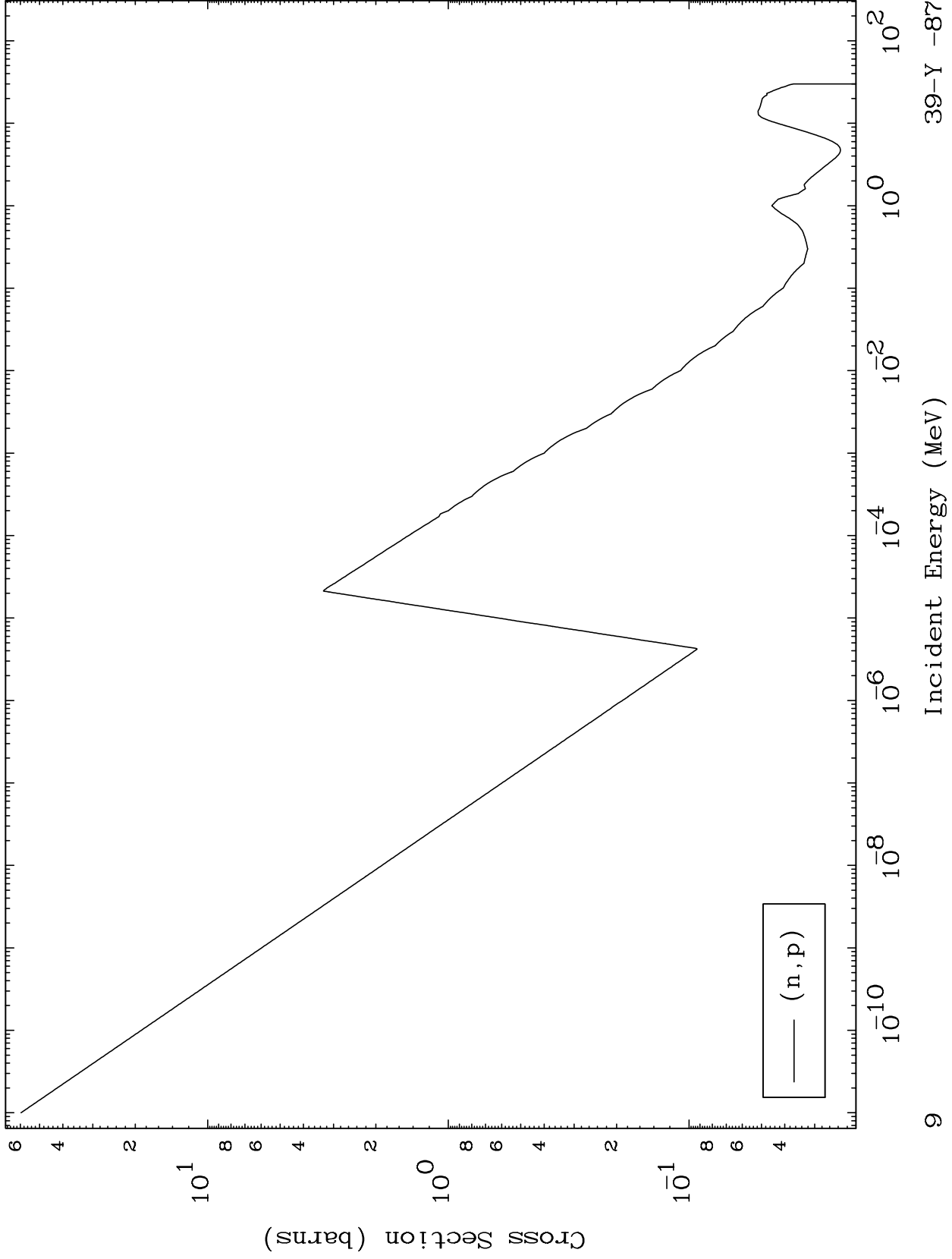
293 Kelvin Cross Sections



MAT 3920

(n,p) Levels
293 Kelvin Cross Sections

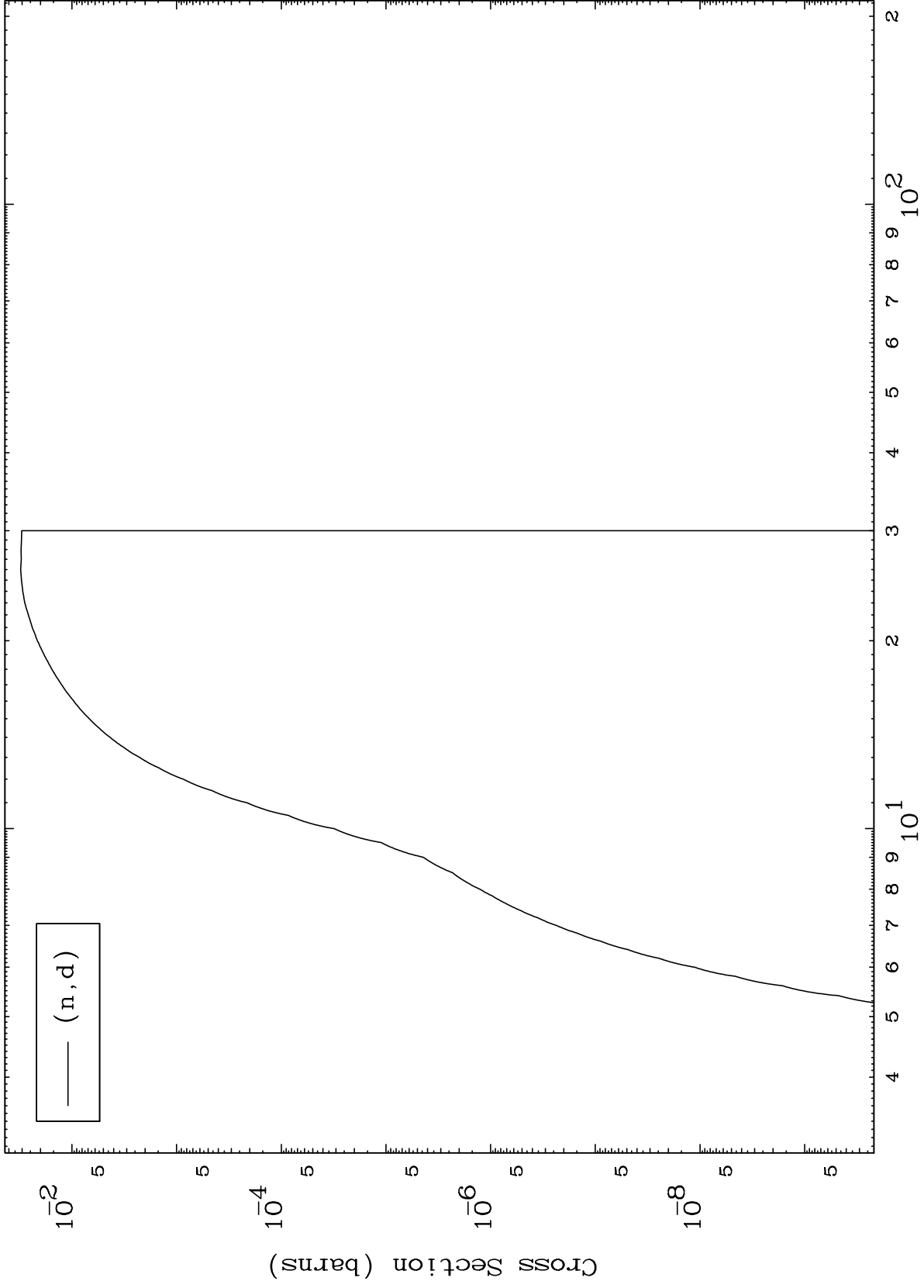
39-Y -87



MAT 3920

(n,d) Levels
293 Kelvin Cross Sections

39-Y -87



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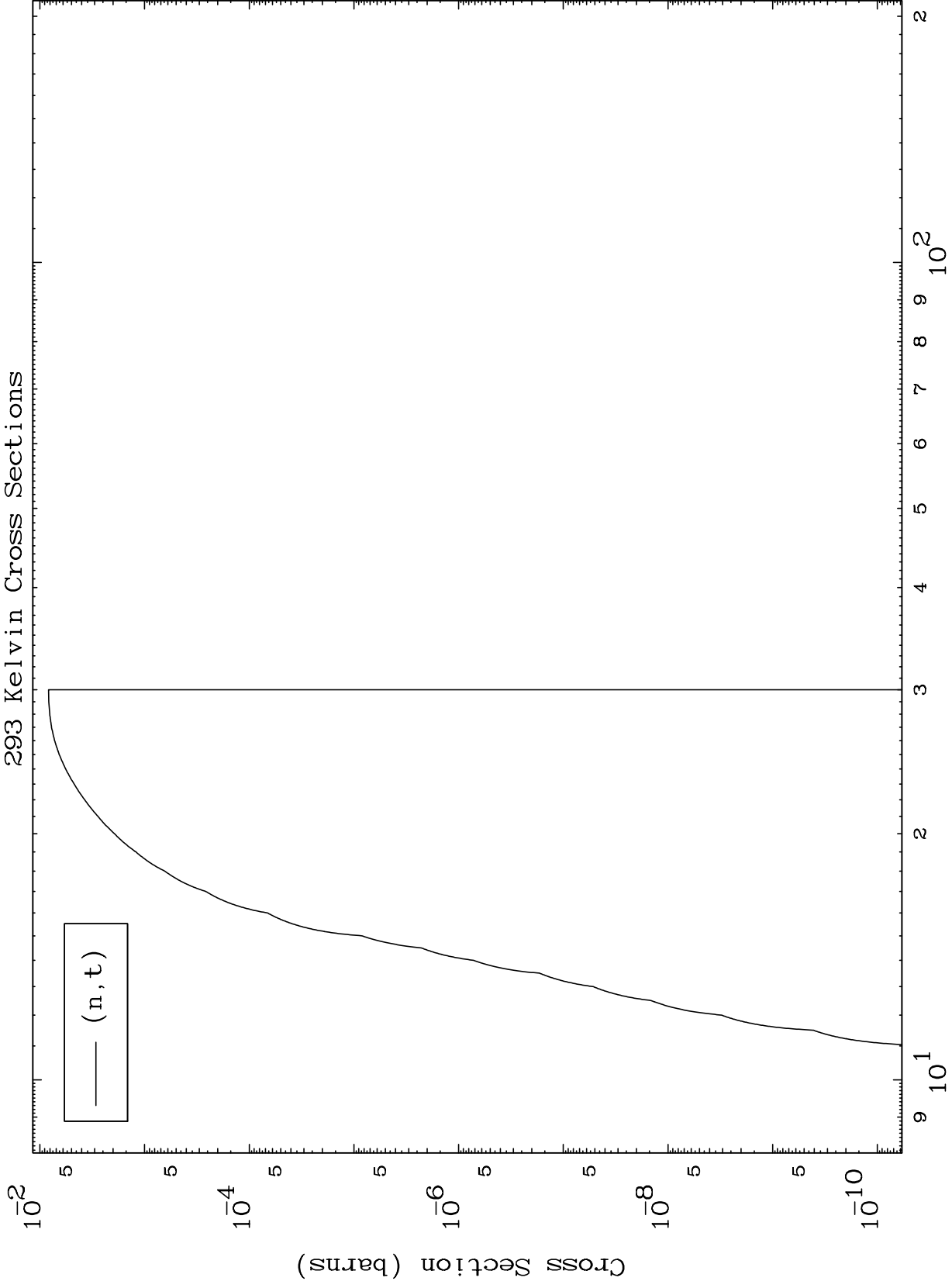
Incident Energy (MeV)

39-Y -87

MAT 3920

(n,t) Levels
293 Kelvin Cross Sections

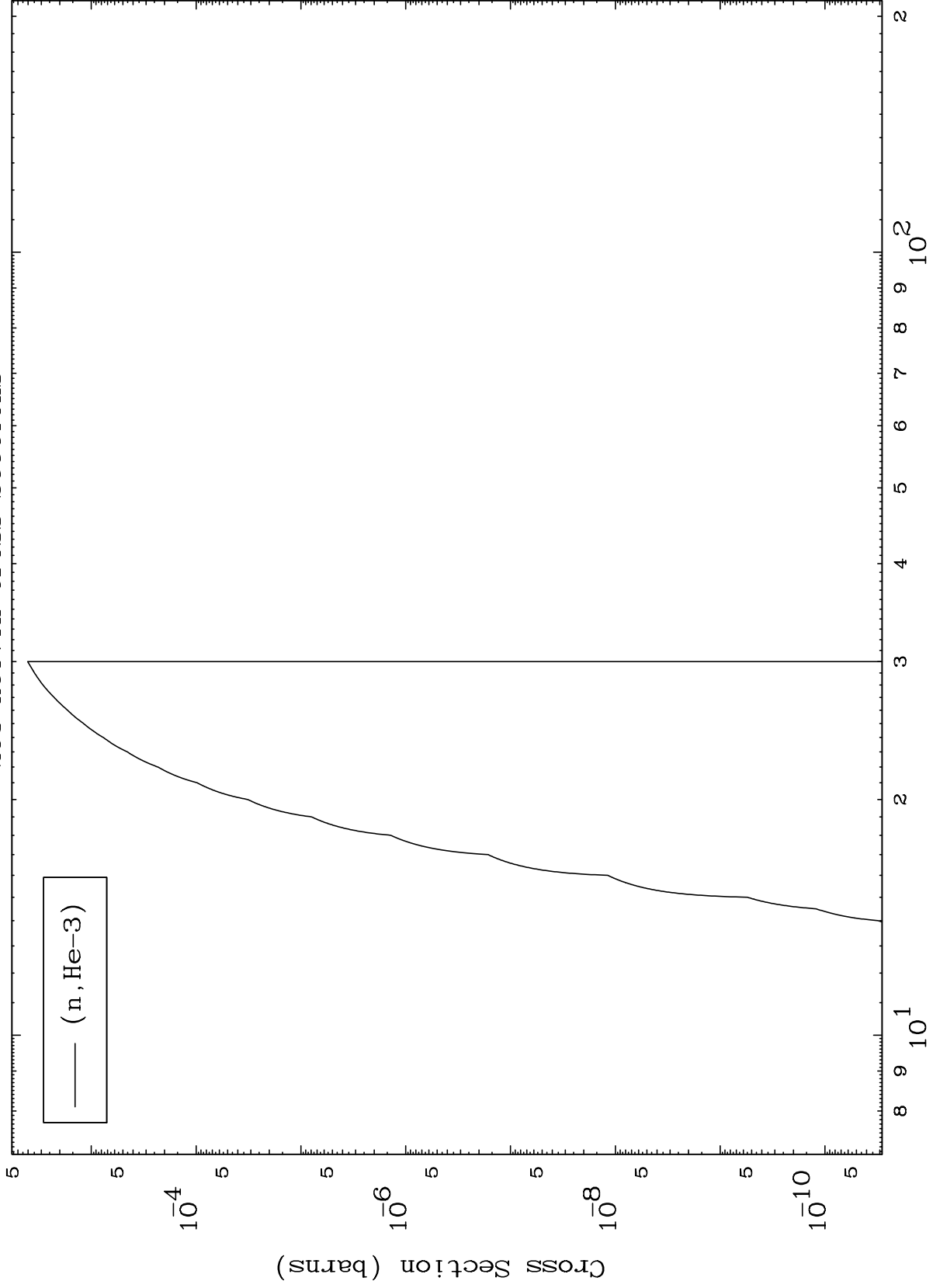
39-Y -87



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Incident Energy (MeV)

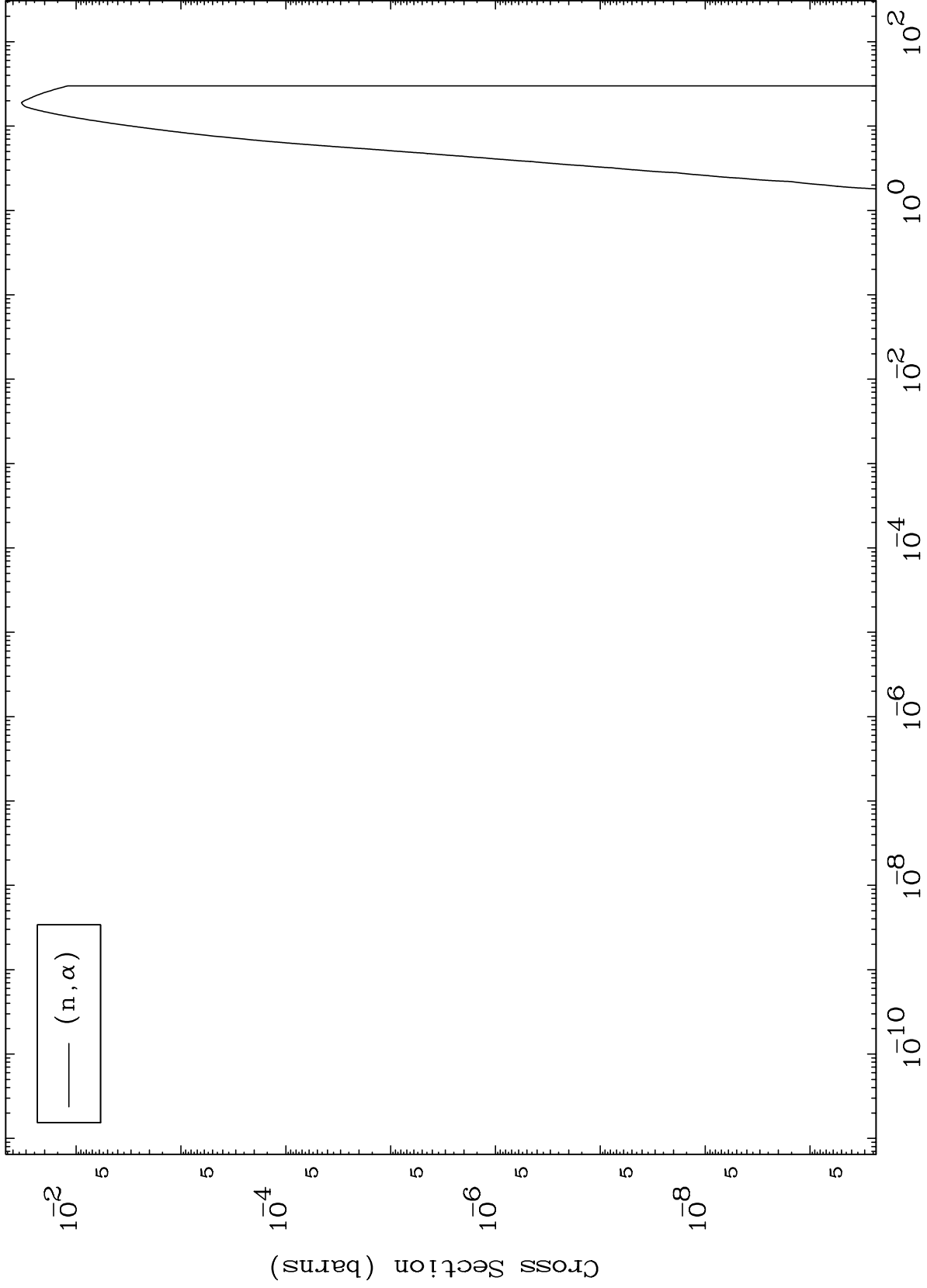
39-Y -87



MAT 3920

(n, α) Levels
293 Kelvin Cross Sections

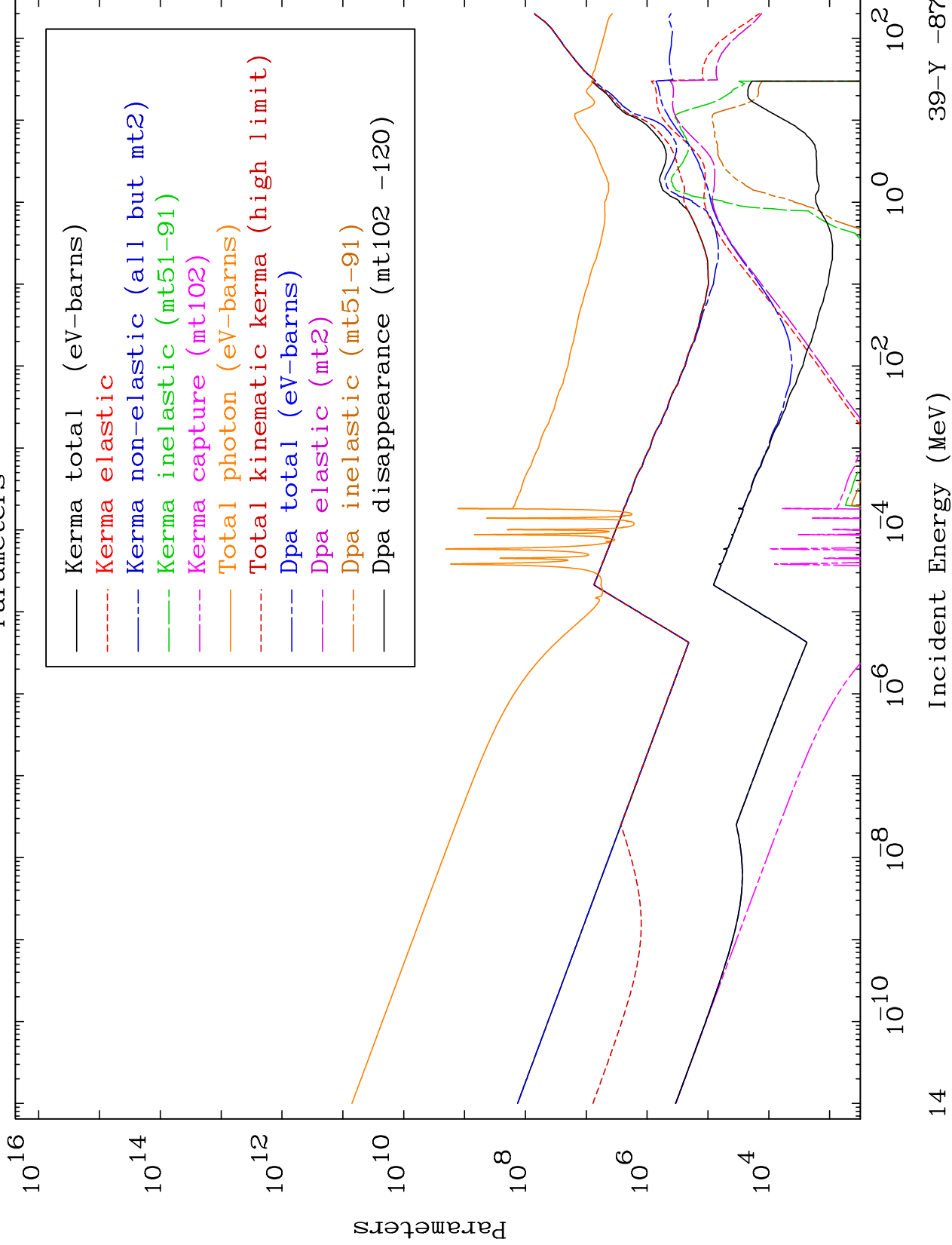
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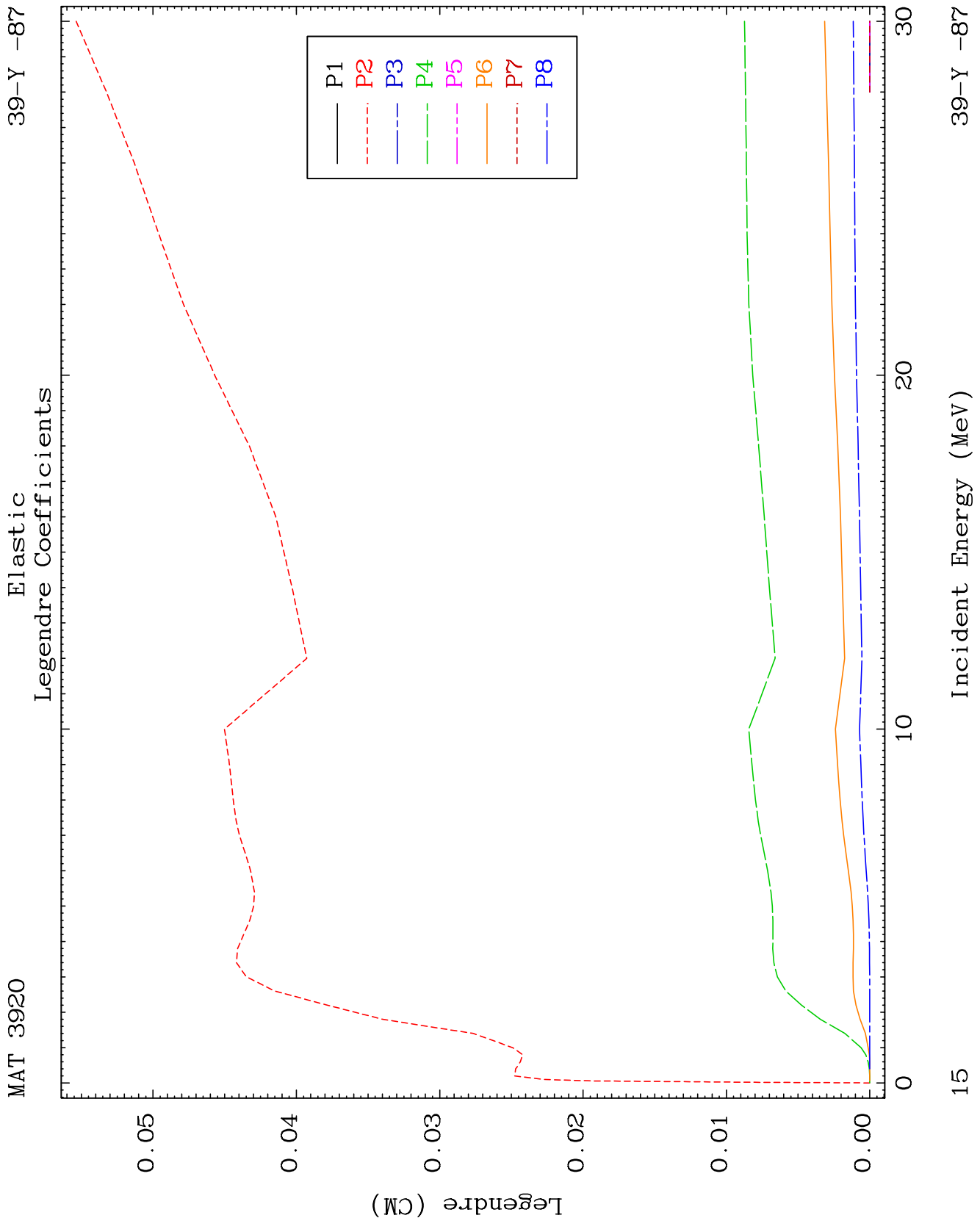


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Incident Energy (MeV)

39-Y -87





MAT 3920

39-Y -87

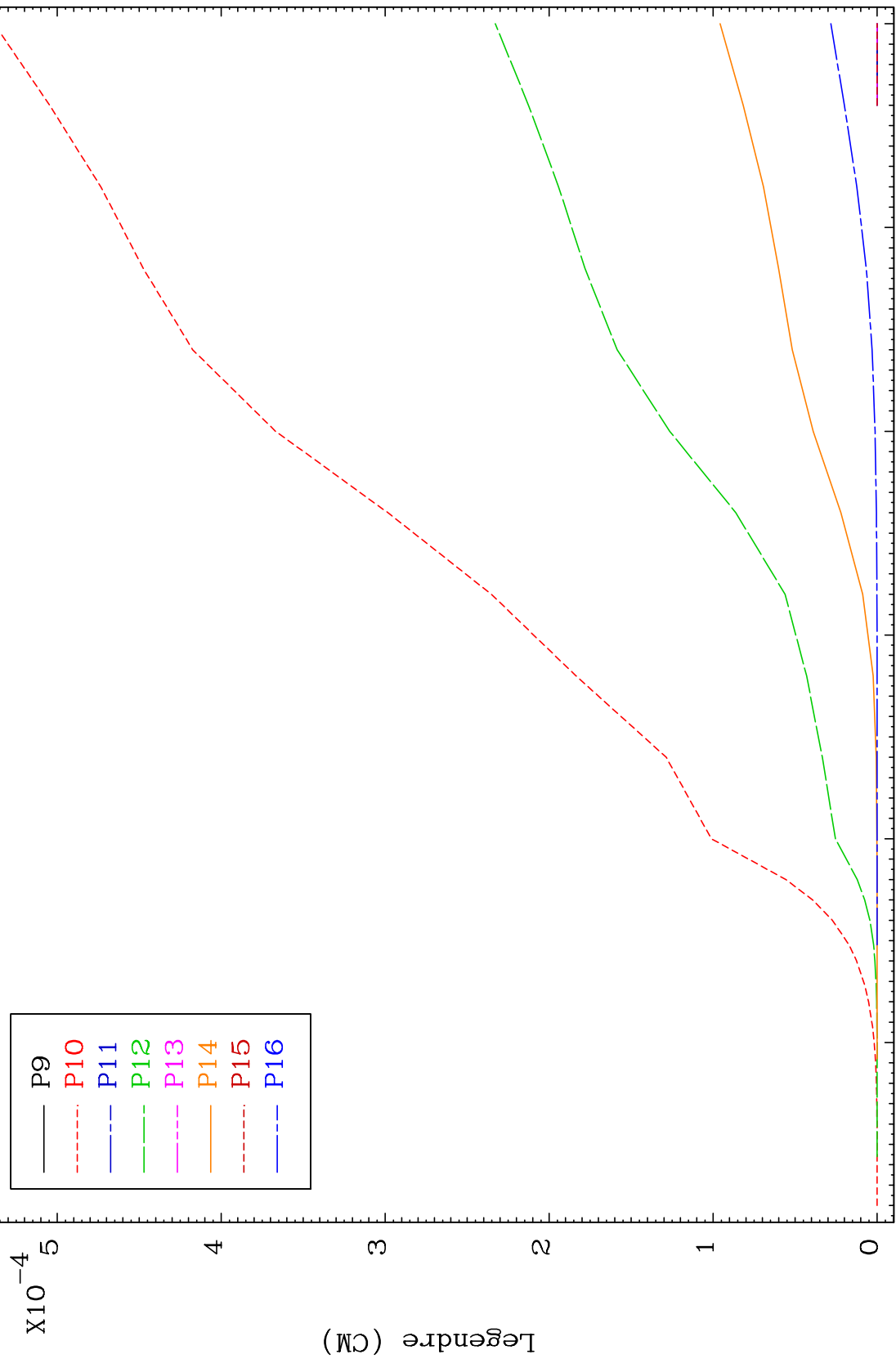
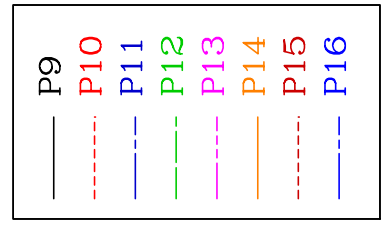
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39-Y -87

MAT 3920

Elastic Legendre Coefficients

39-Y -87



10^{-4}
Legendre (CM)

16

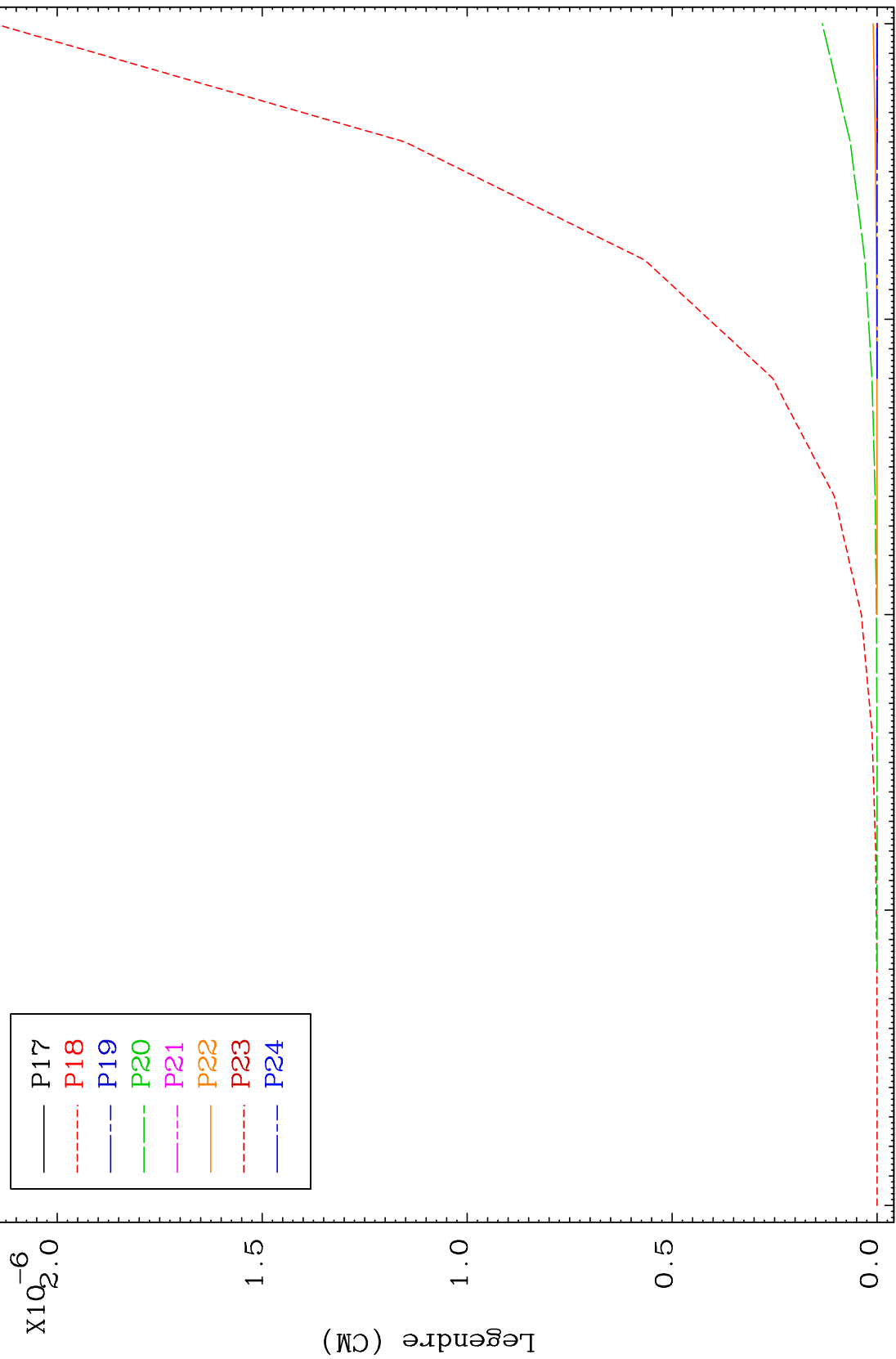
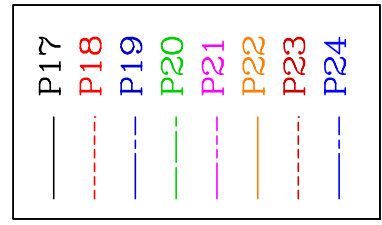
Incident Energy (MeV)

39-Y -87

MAT 3920

Elastic Legendre Coefficients

39-Y -87



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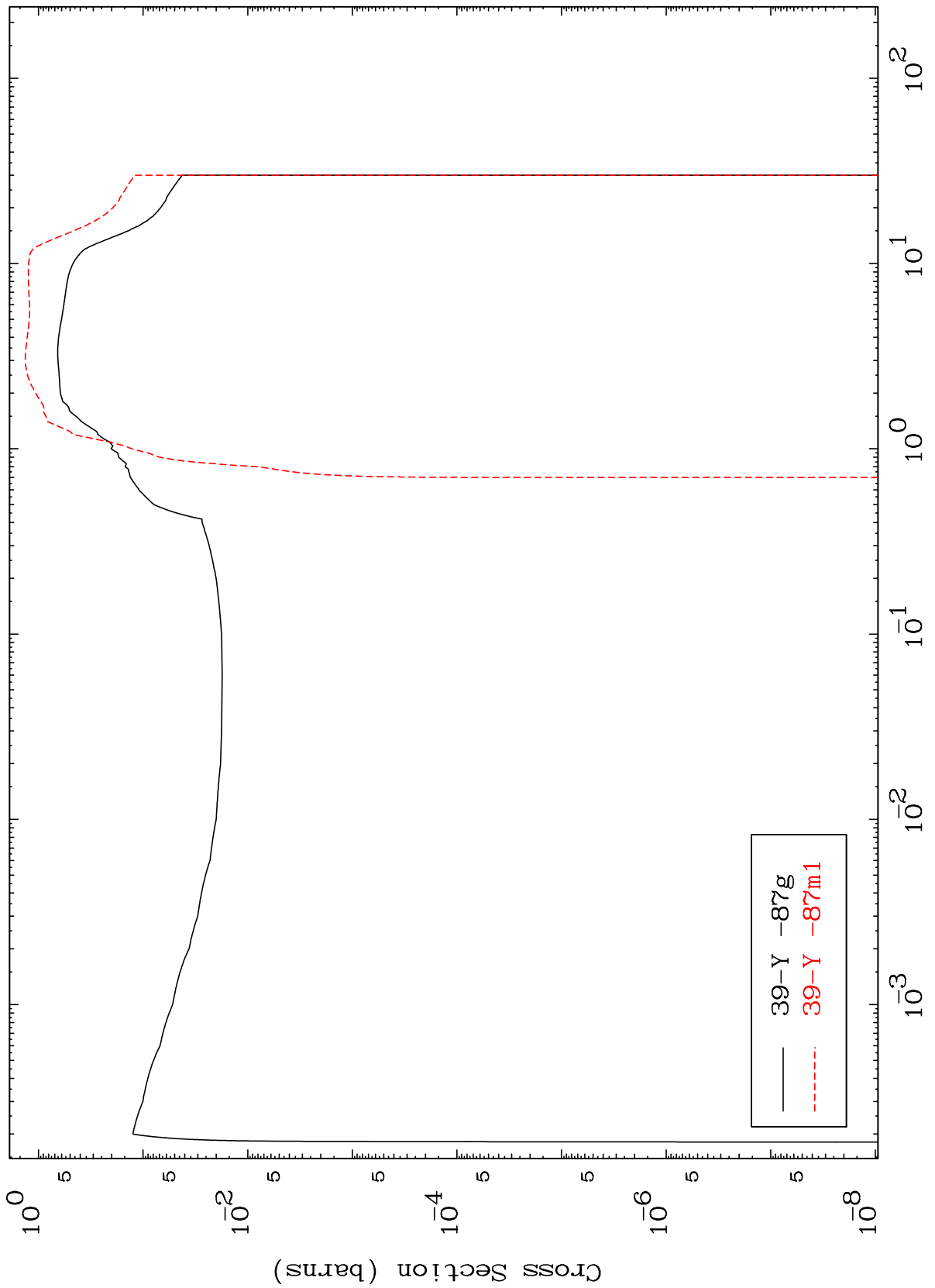
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

Inelastic
Radionuclide Production Cross Section



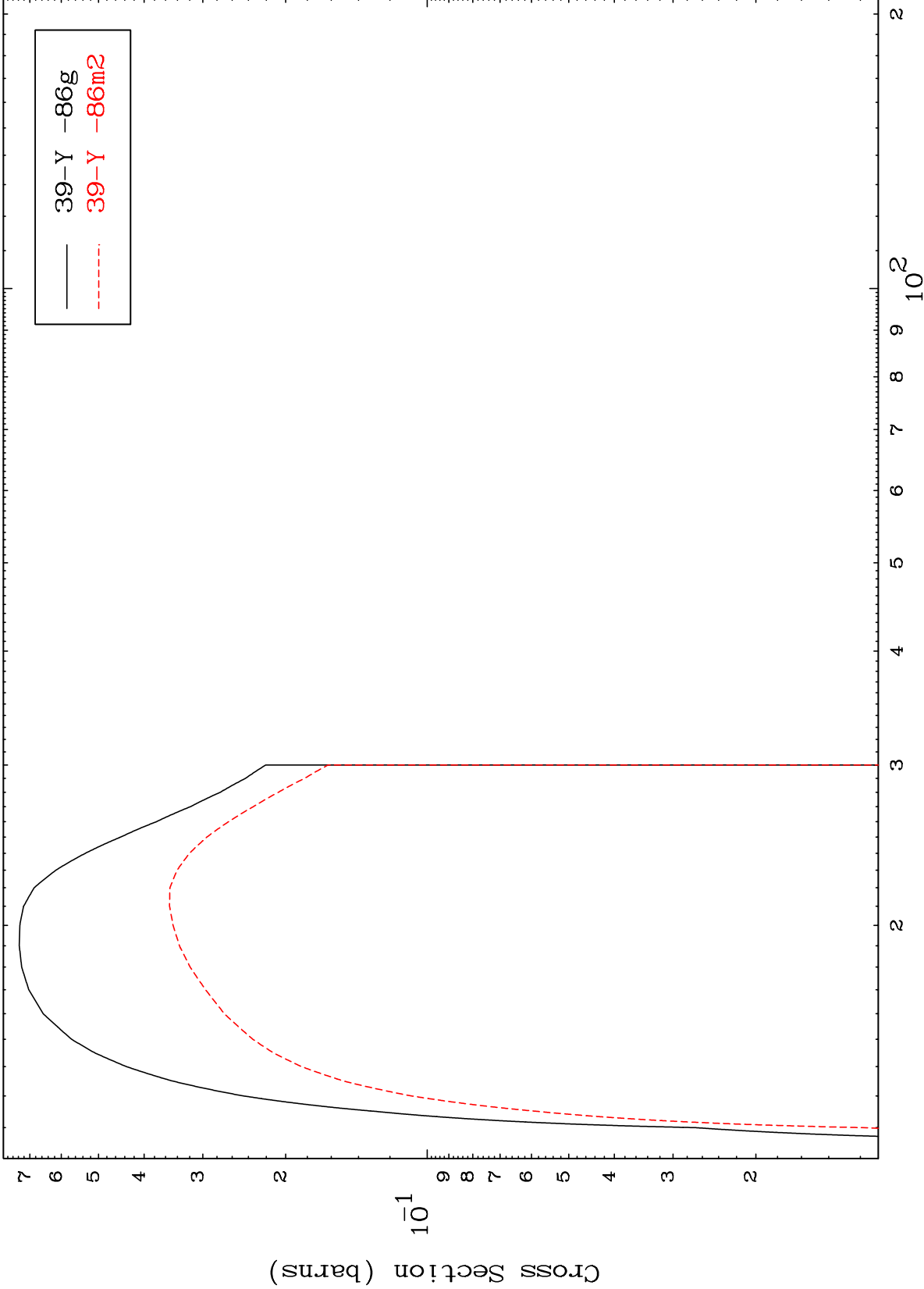
— 39-Y -87g
- - - 39-Y -87m1

MAT 3920

(n,2n)

39-Y -87

Radionuclide Production Cross Section



39-Y -86g
39-Y -86m2

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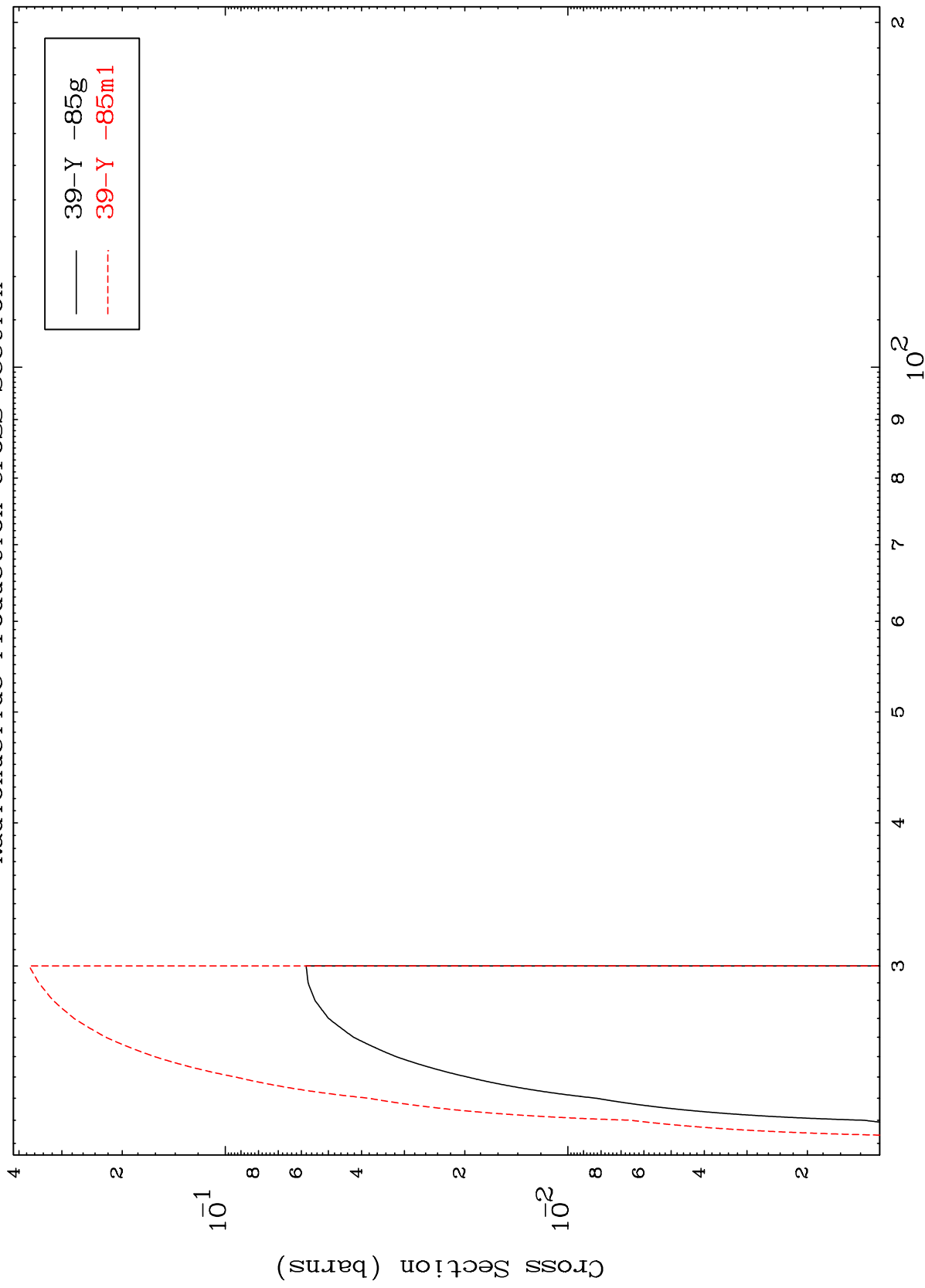
Incident Energy (MeV)

39-Y -87

MAT 3920

39-Y -87

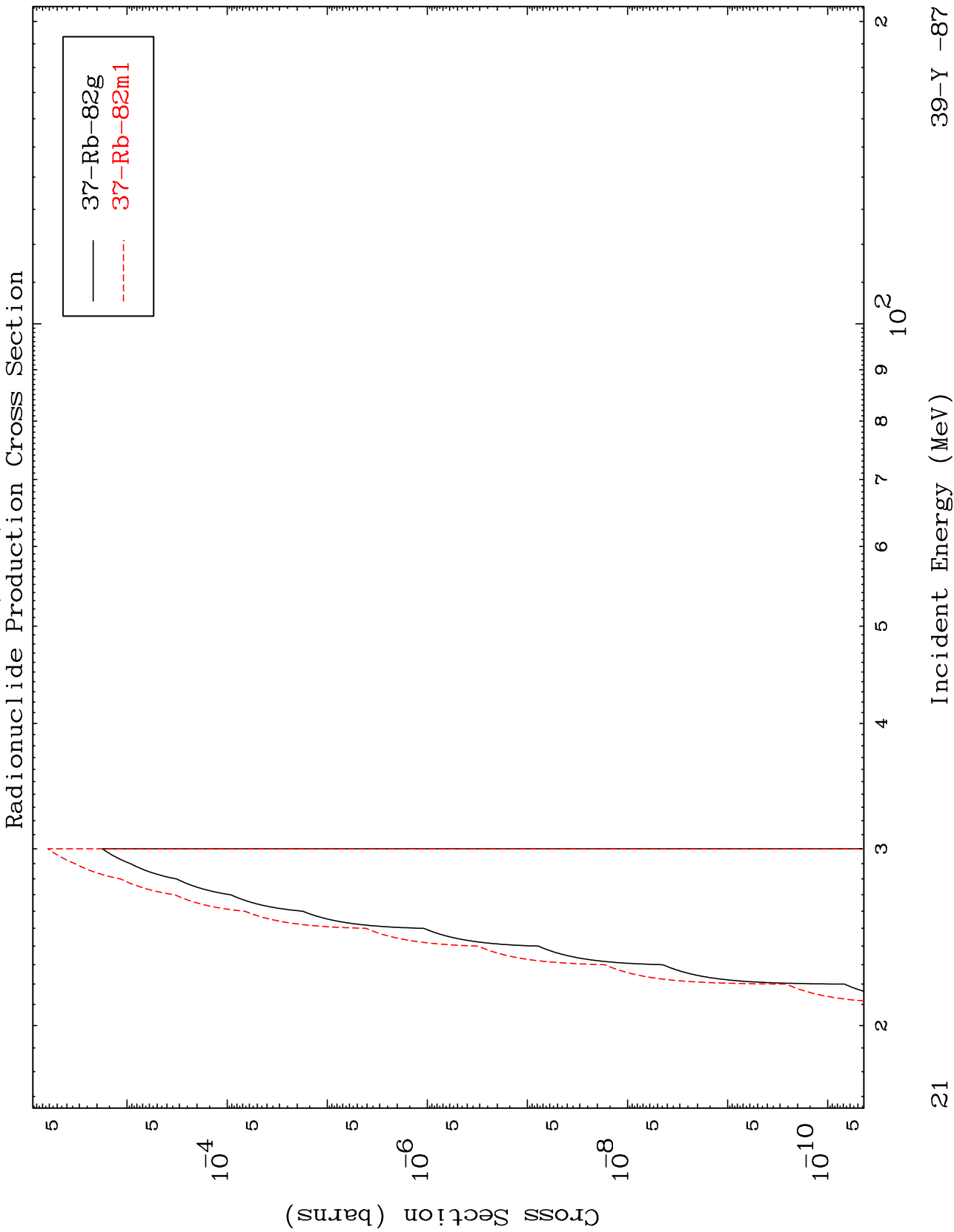
(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -87

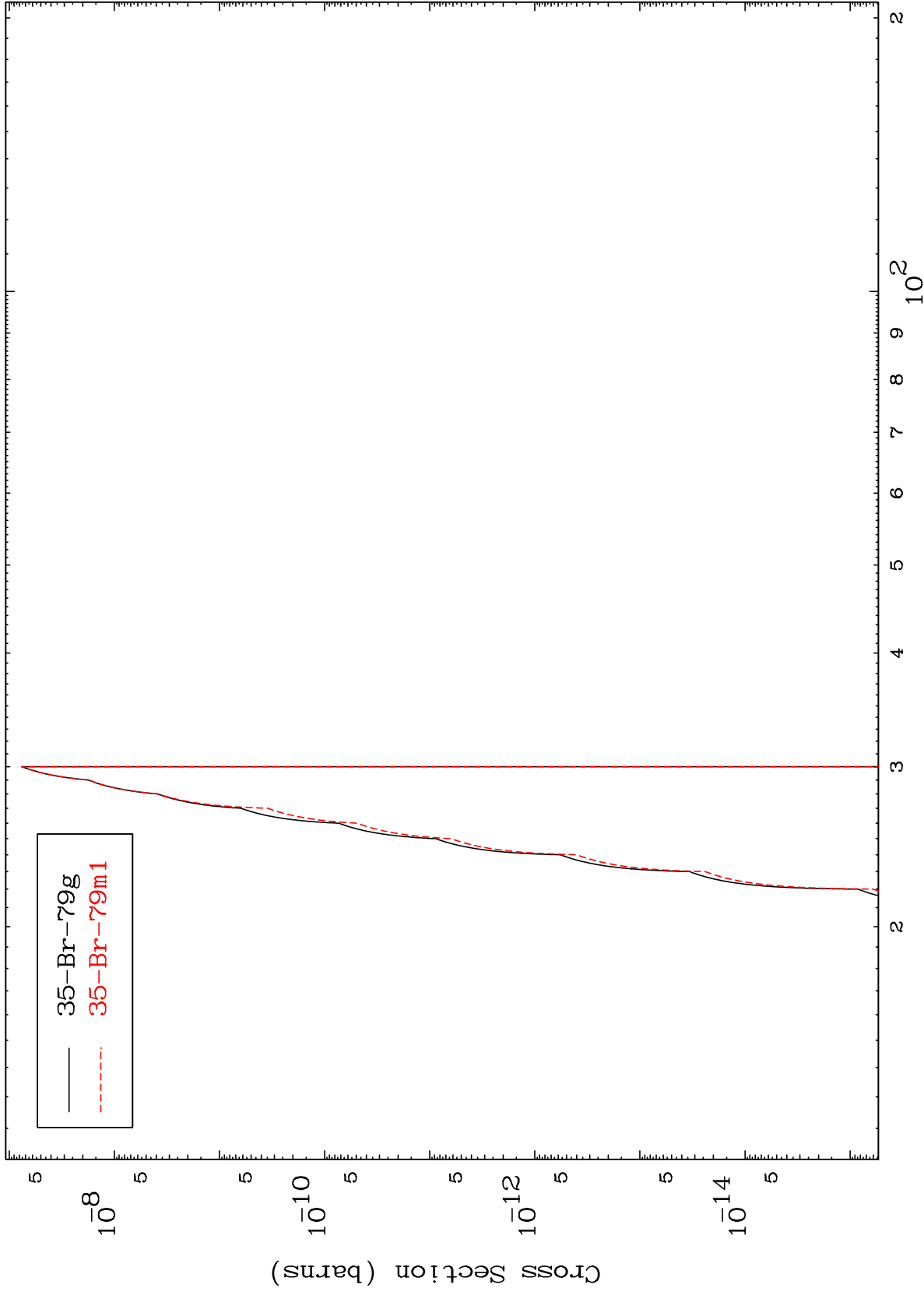


MAT 3920

(n,n') 2α

39-Y -87

Radionuclide Production Cross Section



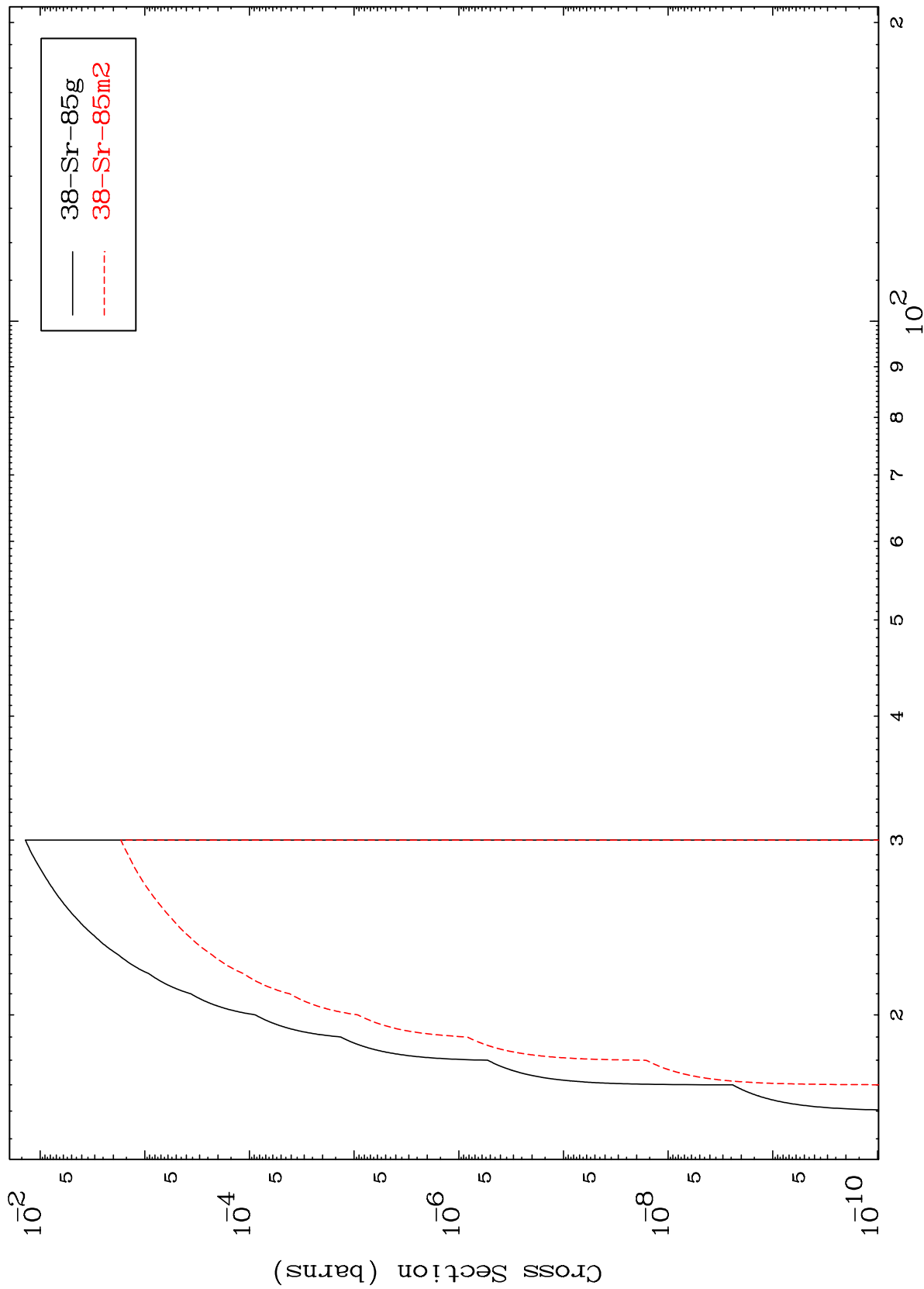
— 35-Br-79g
- - - 35-Br-79m1

Incident Energy (MeV)

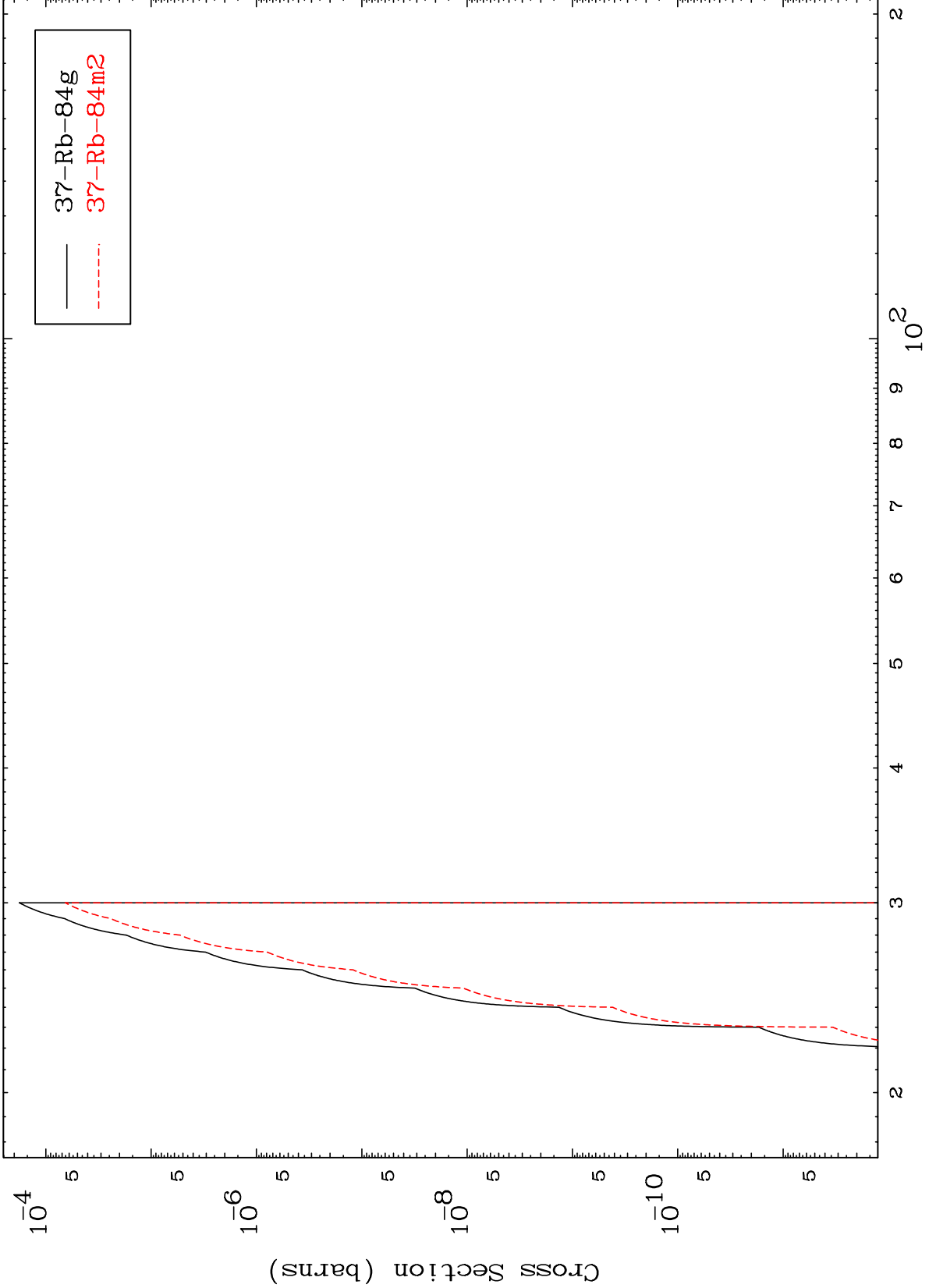
39-Y -87

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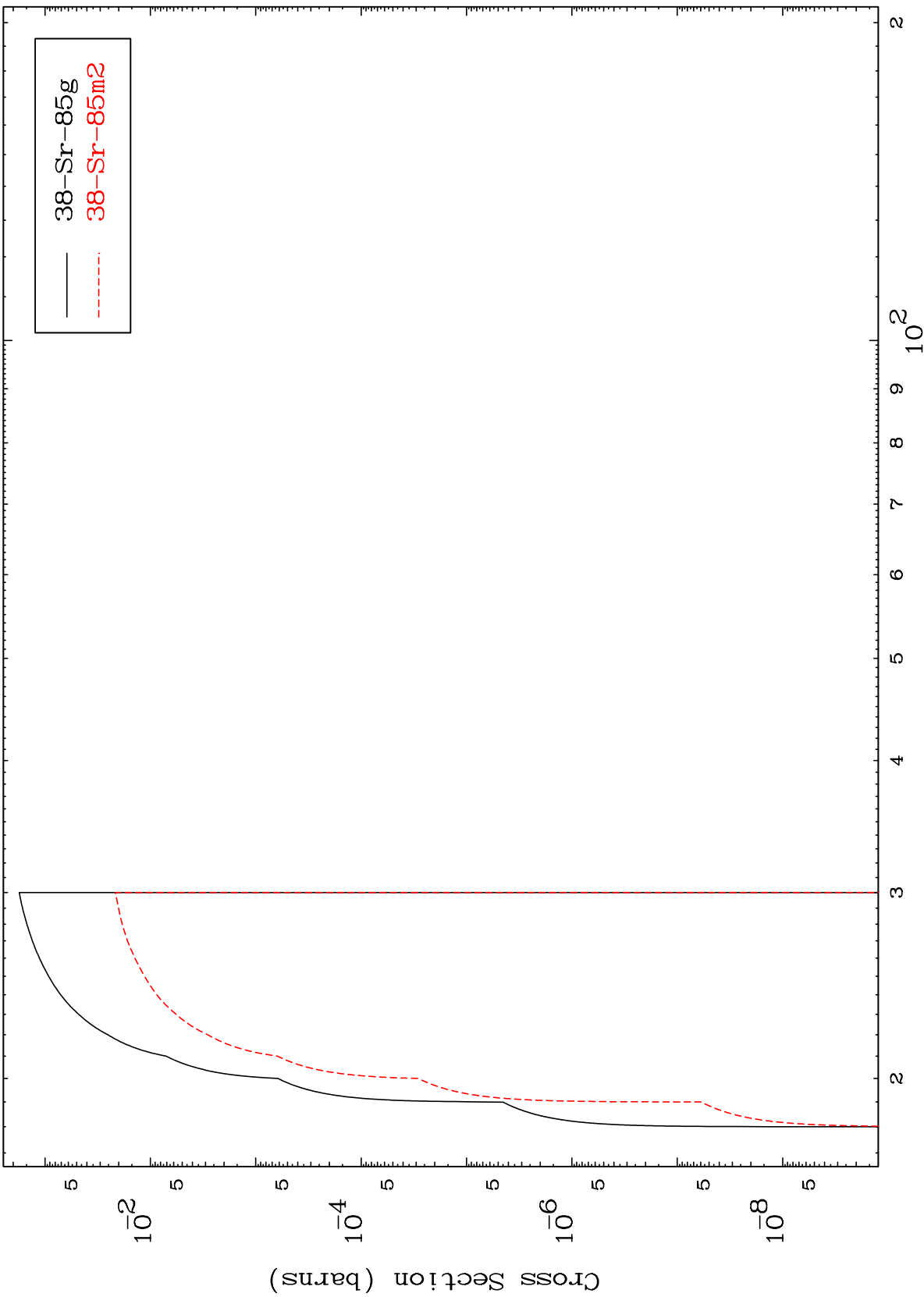
Radionuclide Production Cross Section



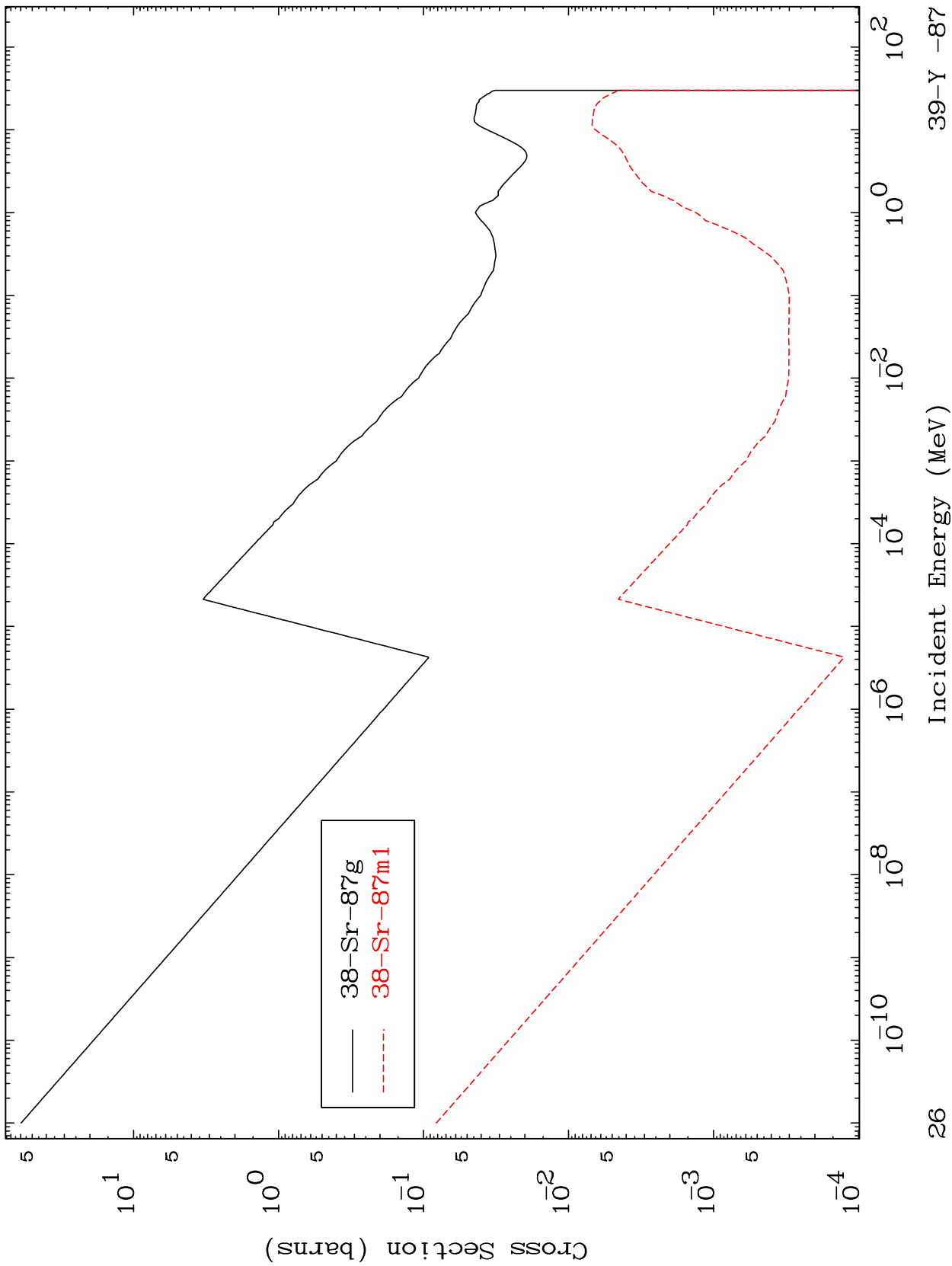
Radionuclide Production Cross Section

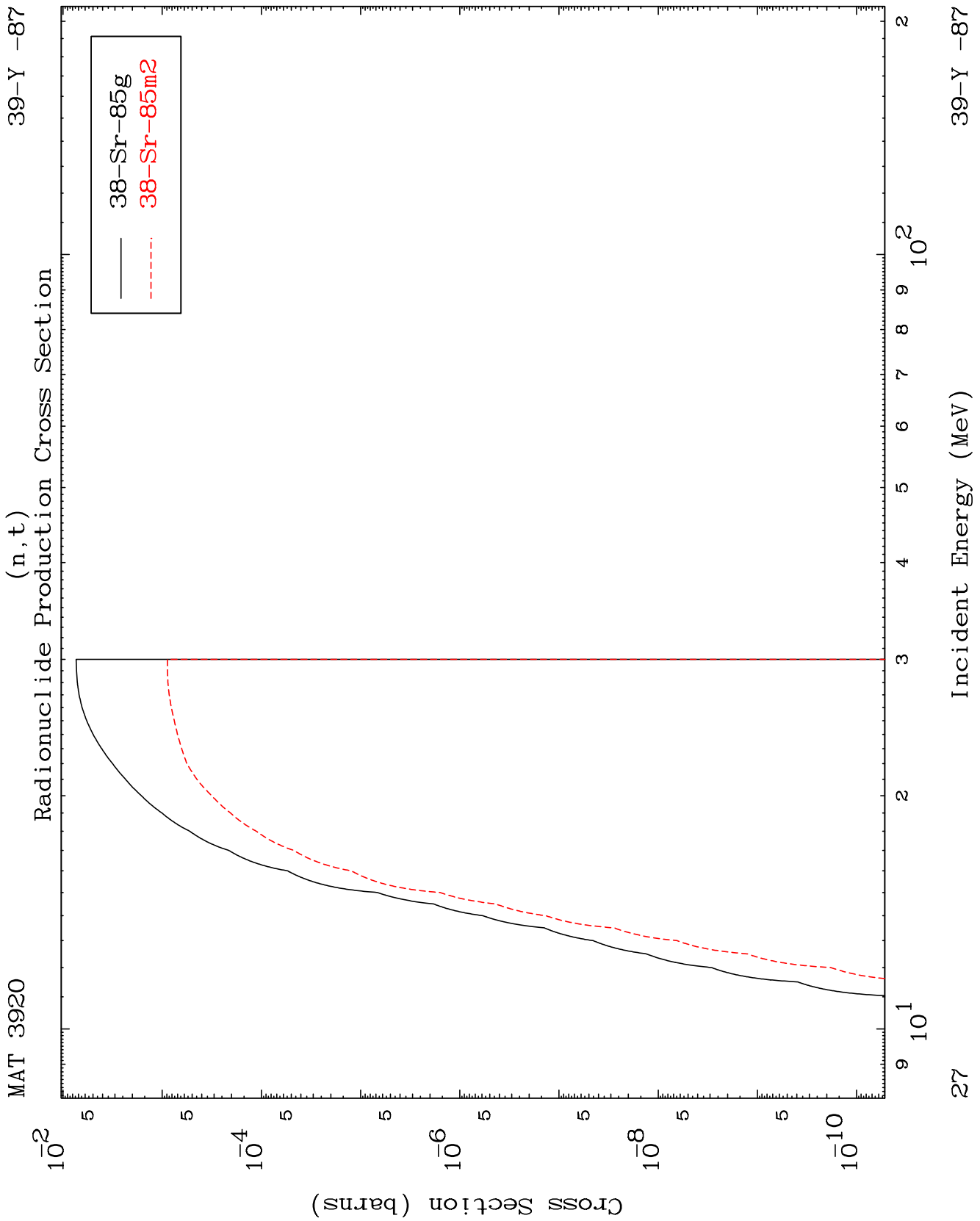


Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,p)

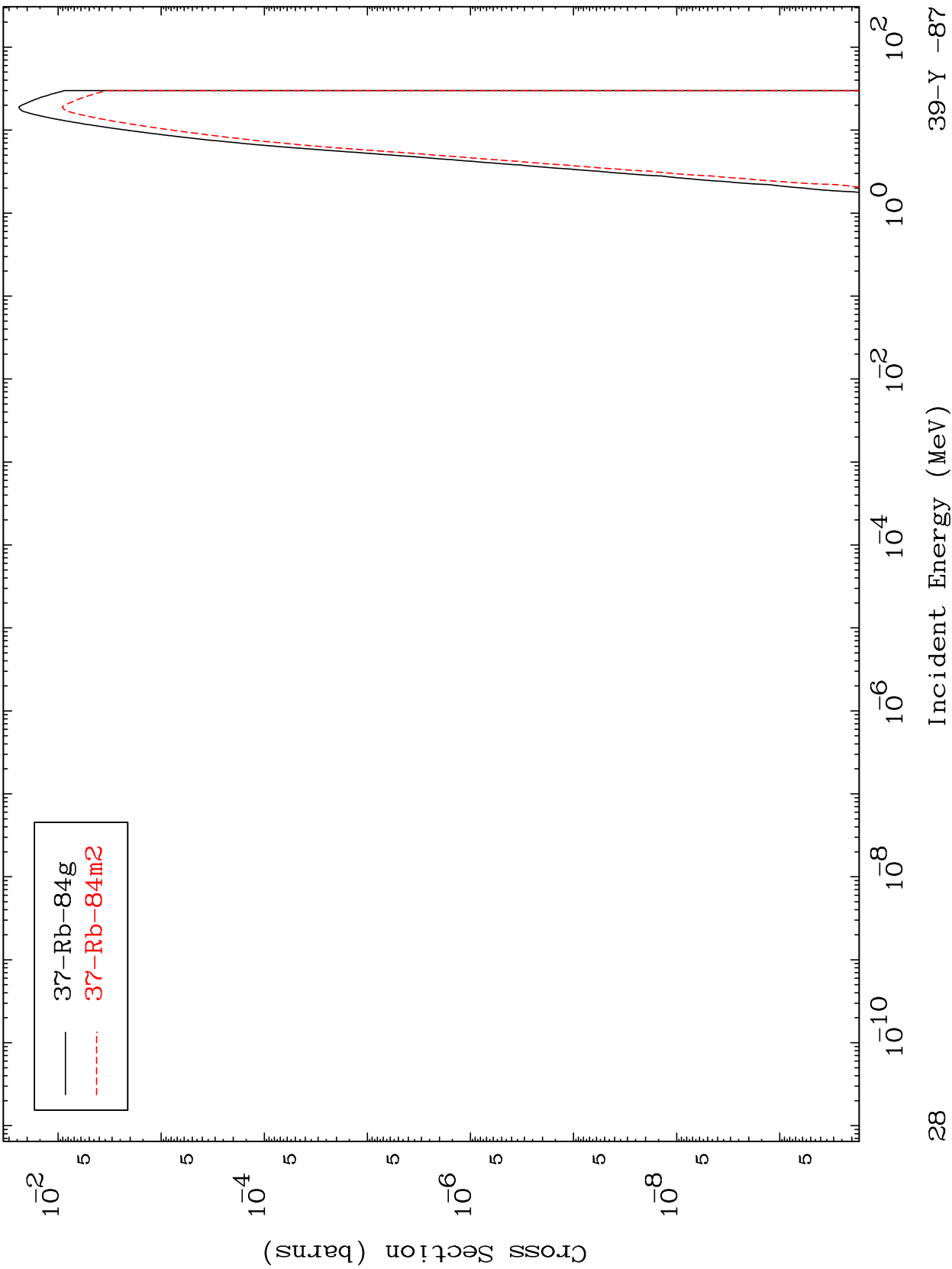




MAT 3920

39-Y -87

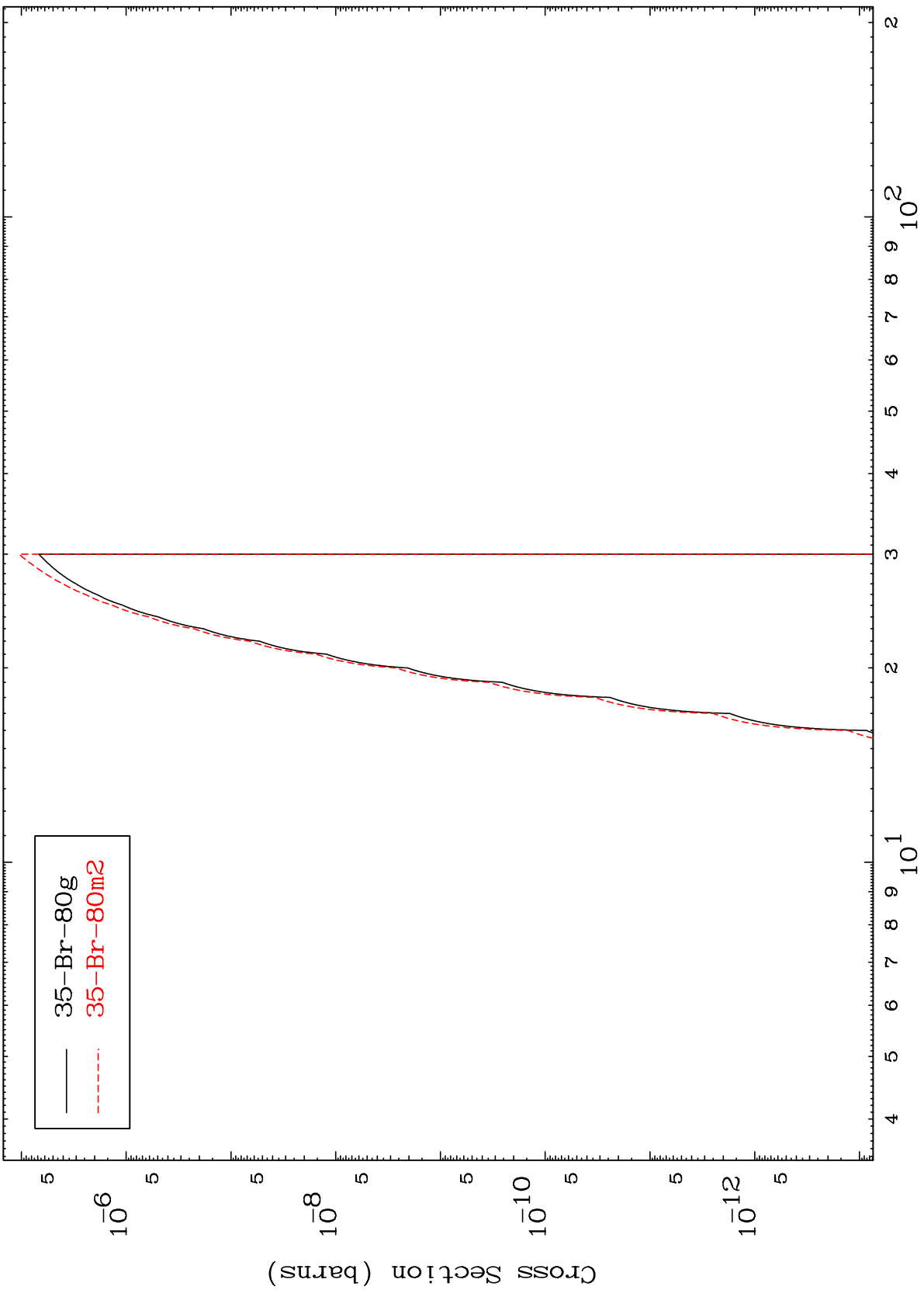
Radionuclide Production Cross Section (n,α)



MAT 3920

39-Y -87

Radionuclide Production Cross Section
(n,2α)



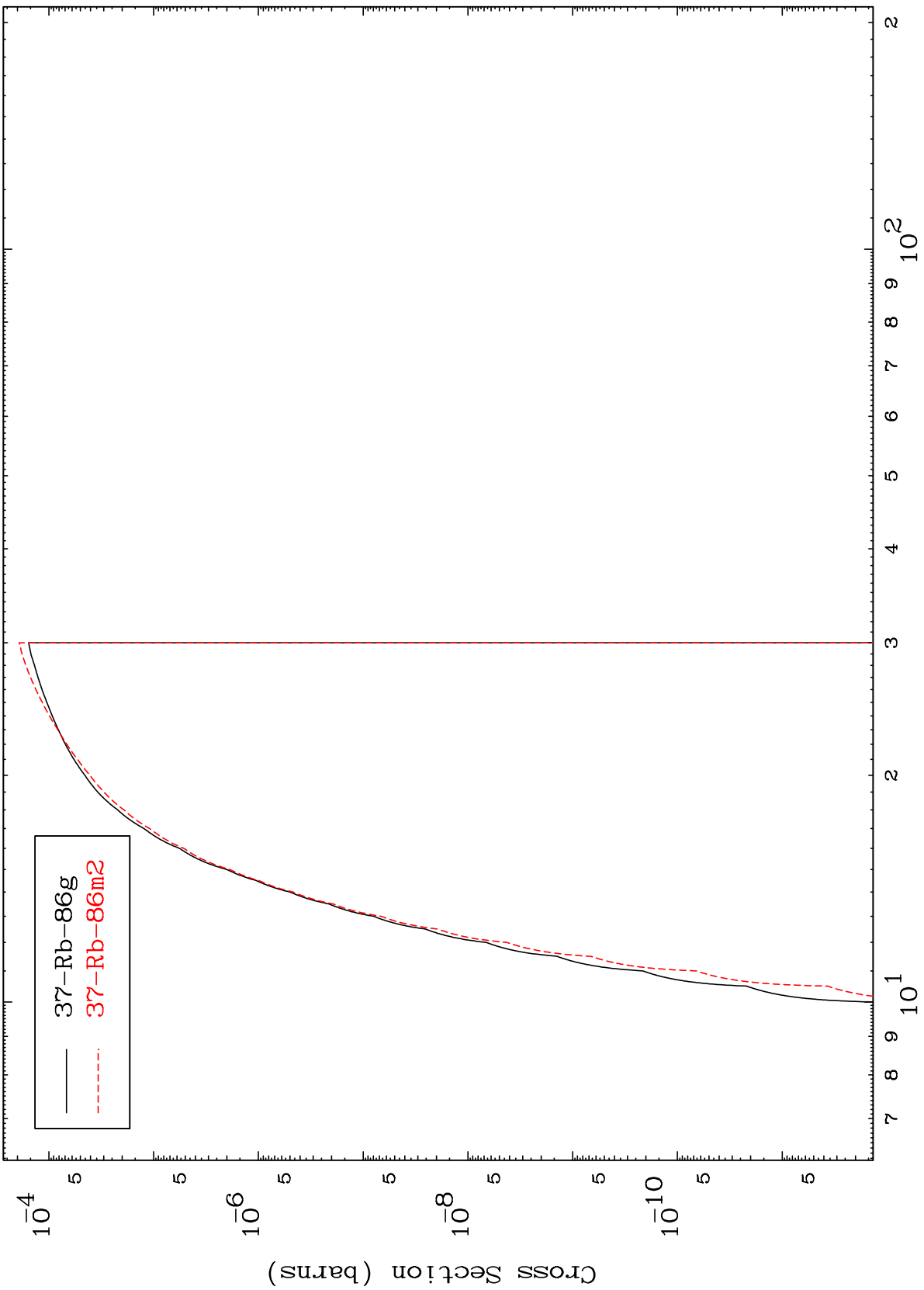
— 35-Br-80g
- - - 35-Br-80m2

Incident Energy (MeV)

39-Y -87

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Radionuclide Production Cross Section (n,2p)



(n,p) α
Radionuclide Production Cross Section

