

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

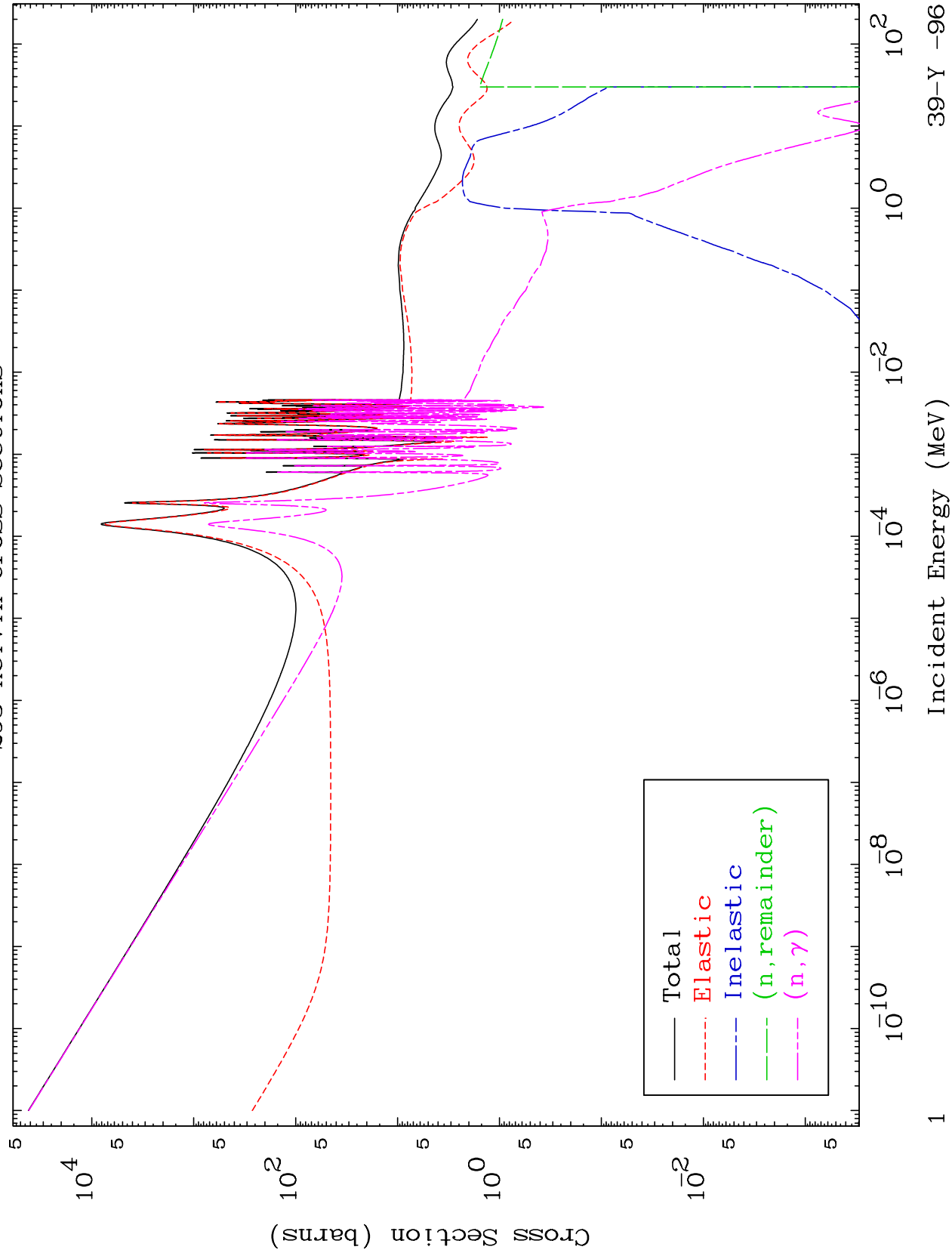
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

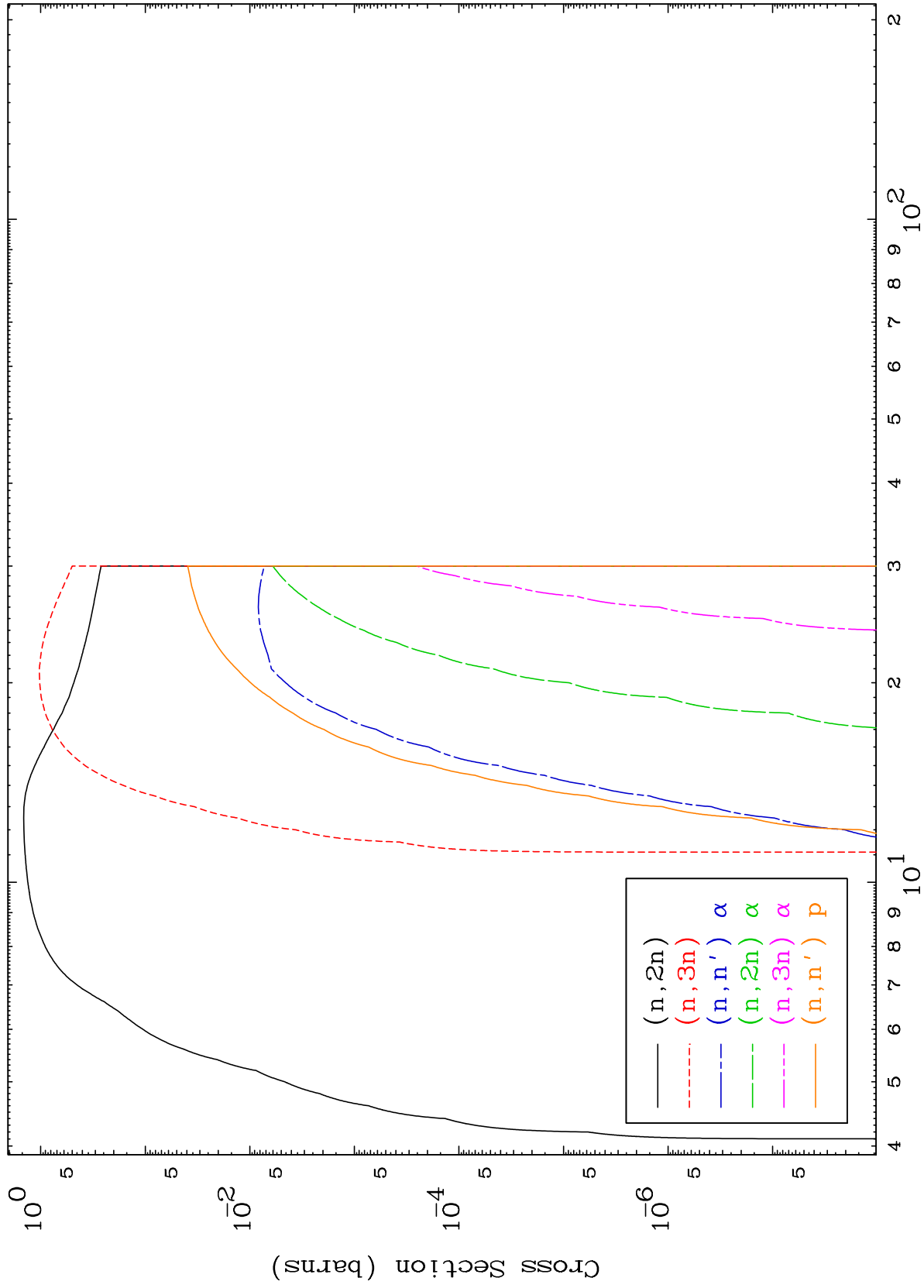
Press Mouse Button to Start

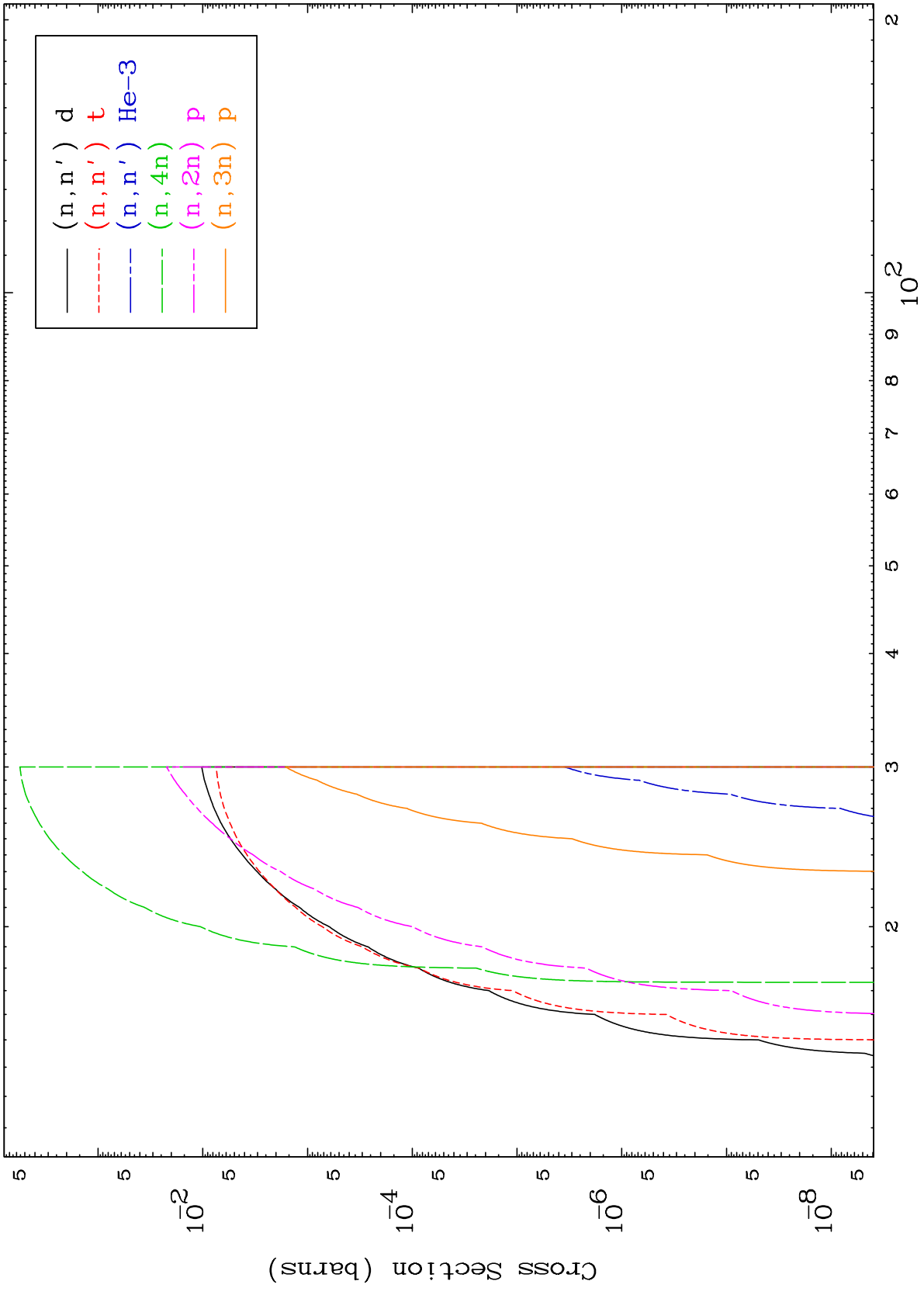
MAT 3947

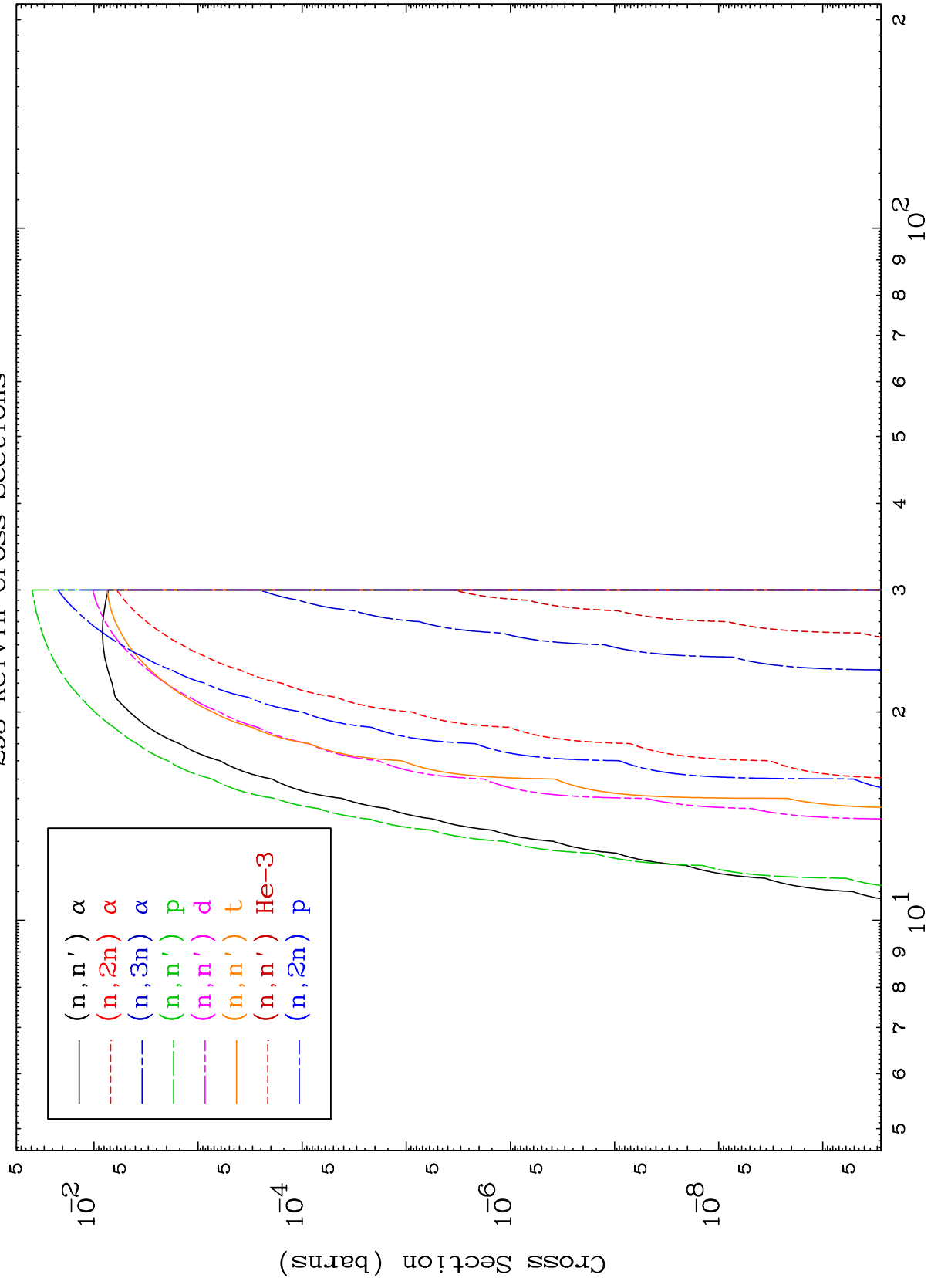
Major  
293 Kelvin Cross Sections

39-Y -96





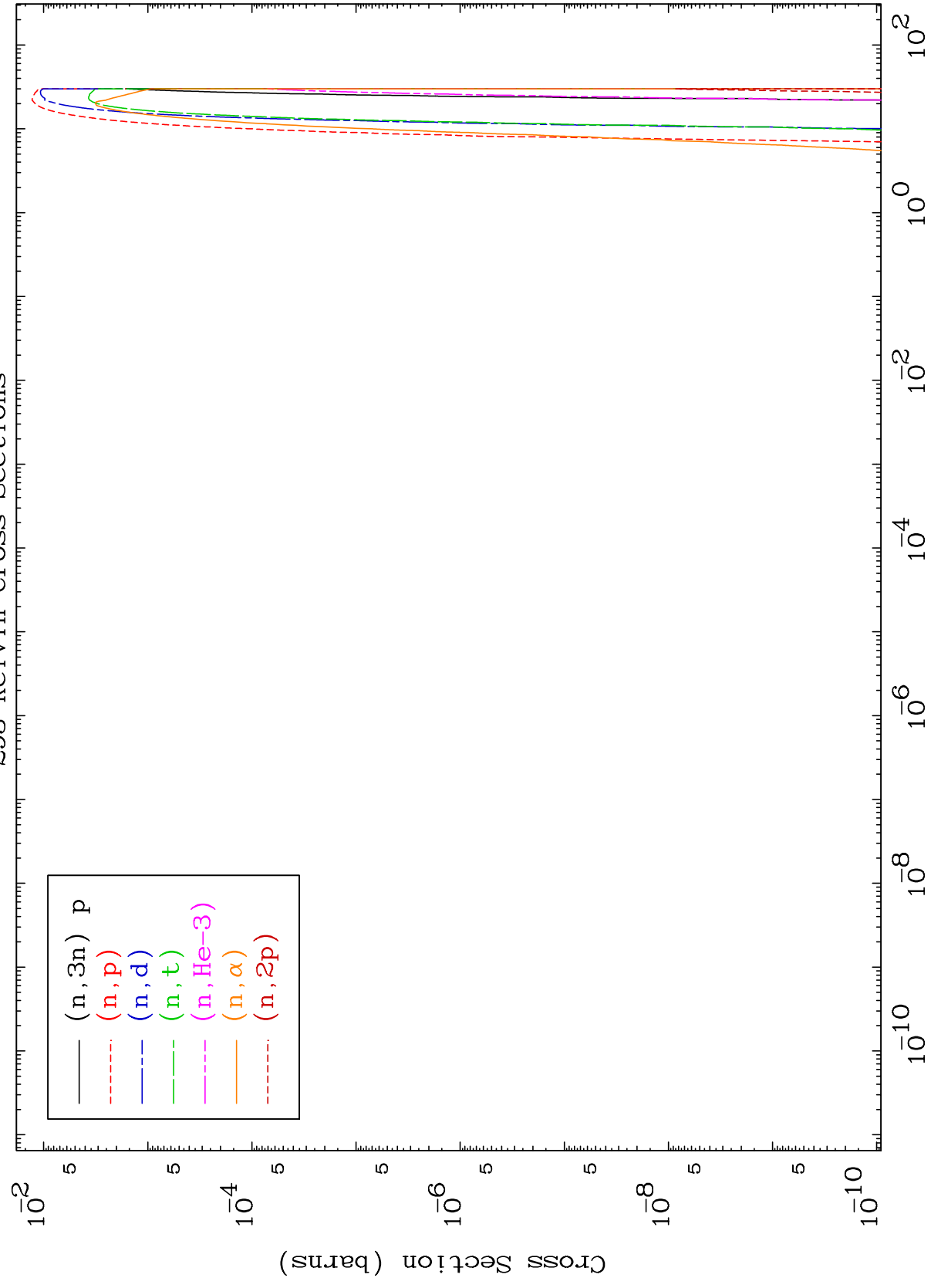




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Charged Particle  
293 Kelvin Cross Sections

39-Y -96



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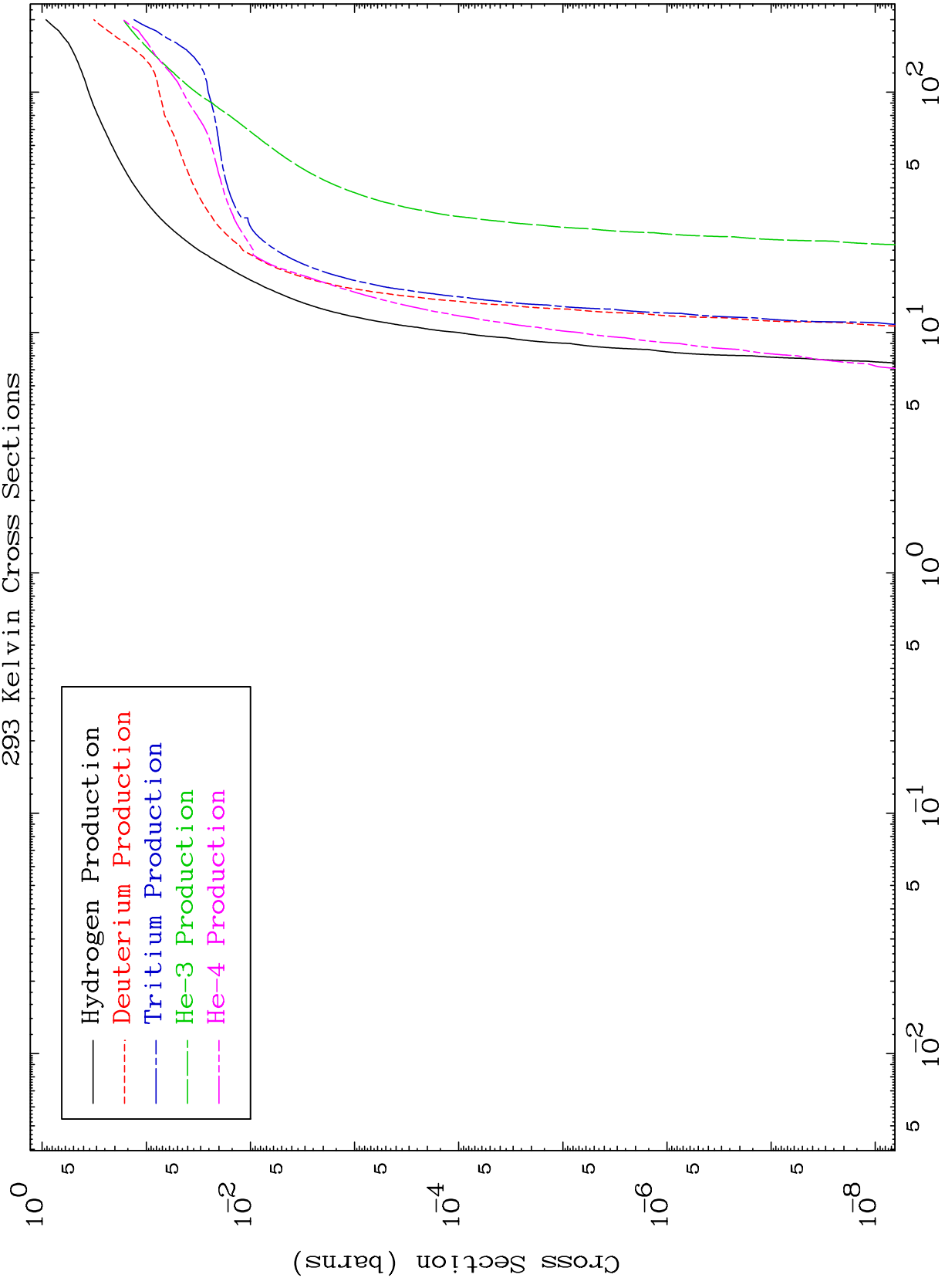
Incident Energy (MeV)

39-Y -96

MAT 3947

Particle Production  
293 Kelvin Cross Sections

39-Y -96



6

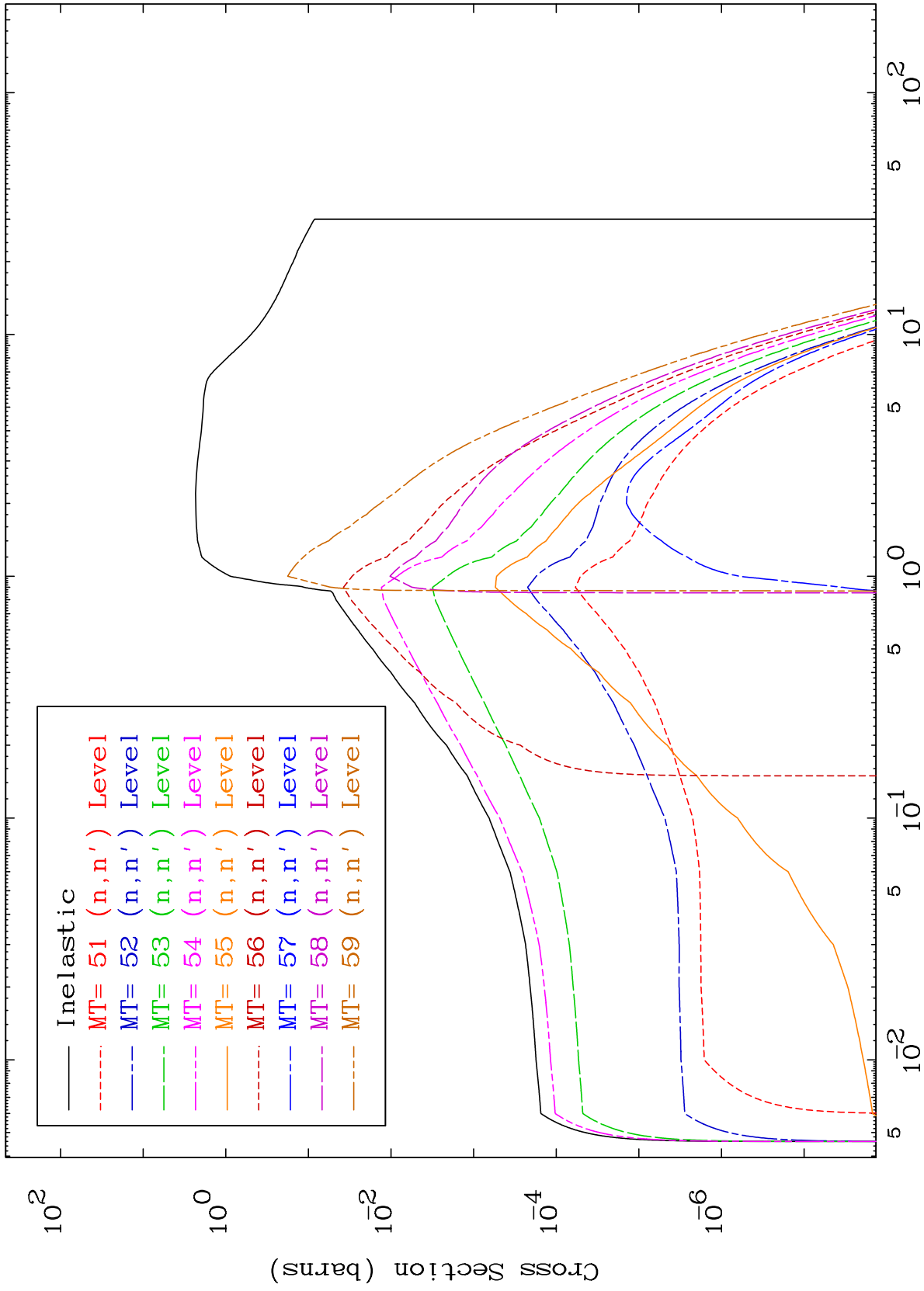
Incident Energy (MeV)

39-Y -96

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293 (n,n') Level

39-Y -96



7

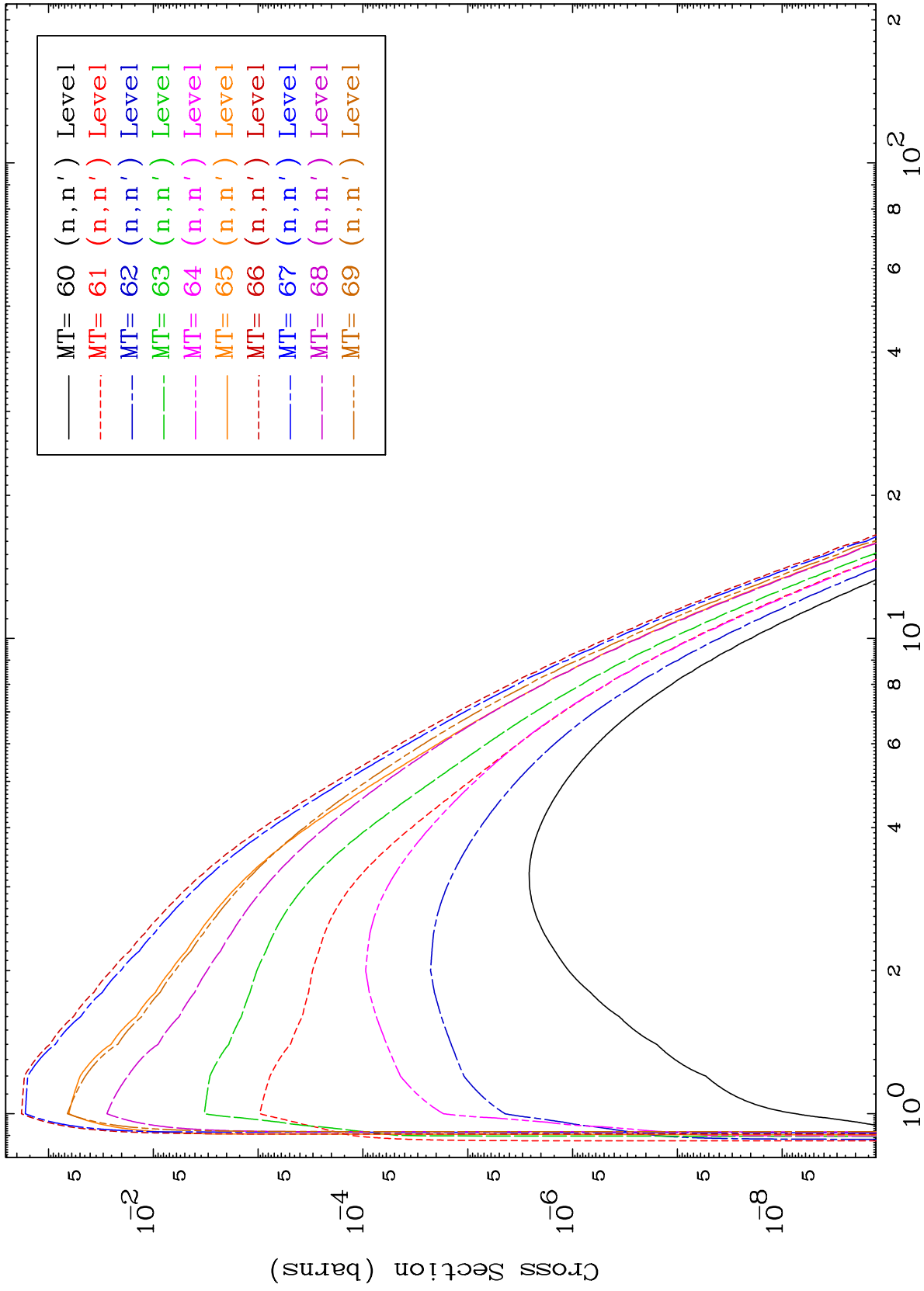
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,n') Level  
293 Kelvin Cross Sections

39-Y -96



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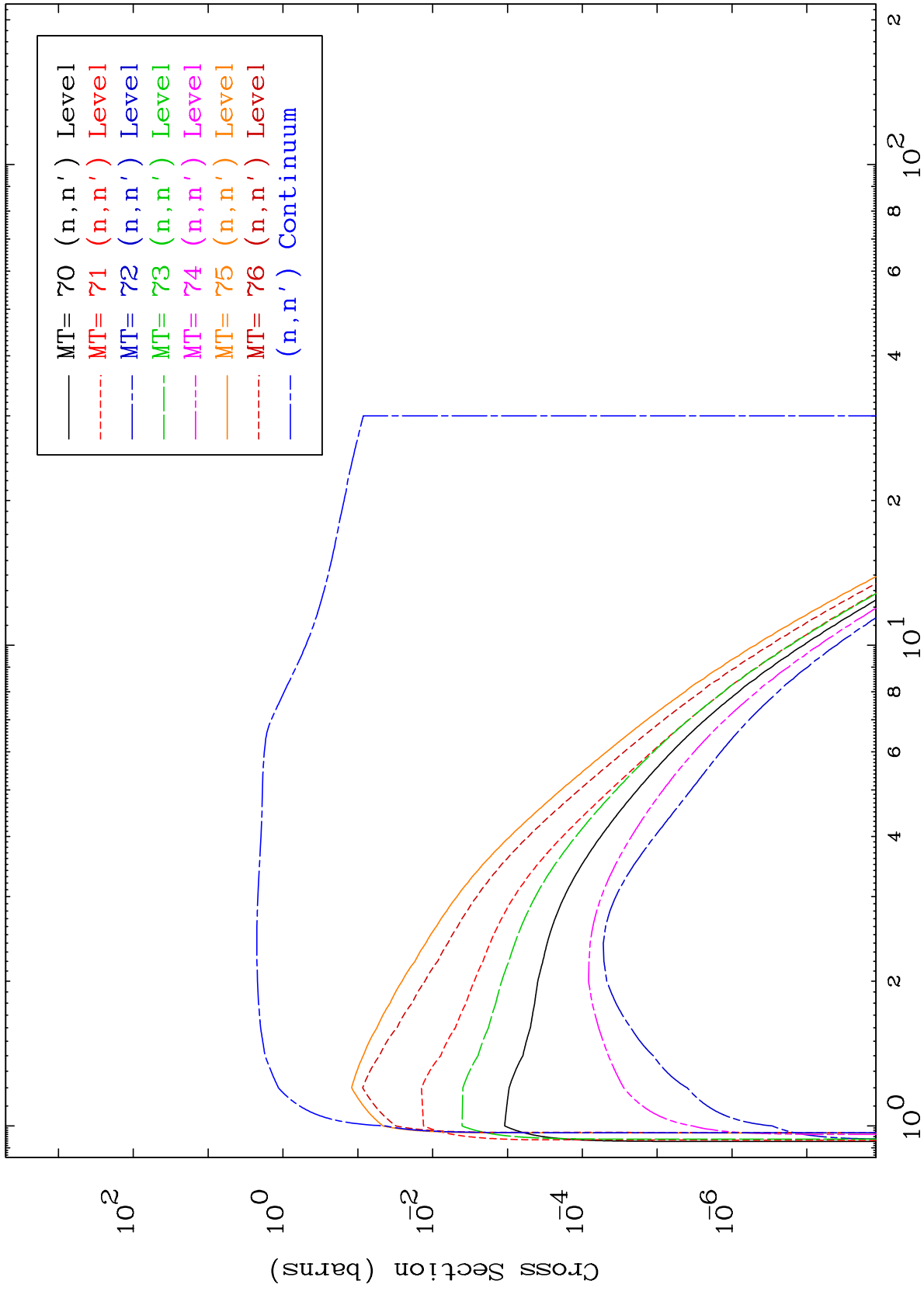
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,n') Level  
293 Kelvin Cross Sections

39-Y -96



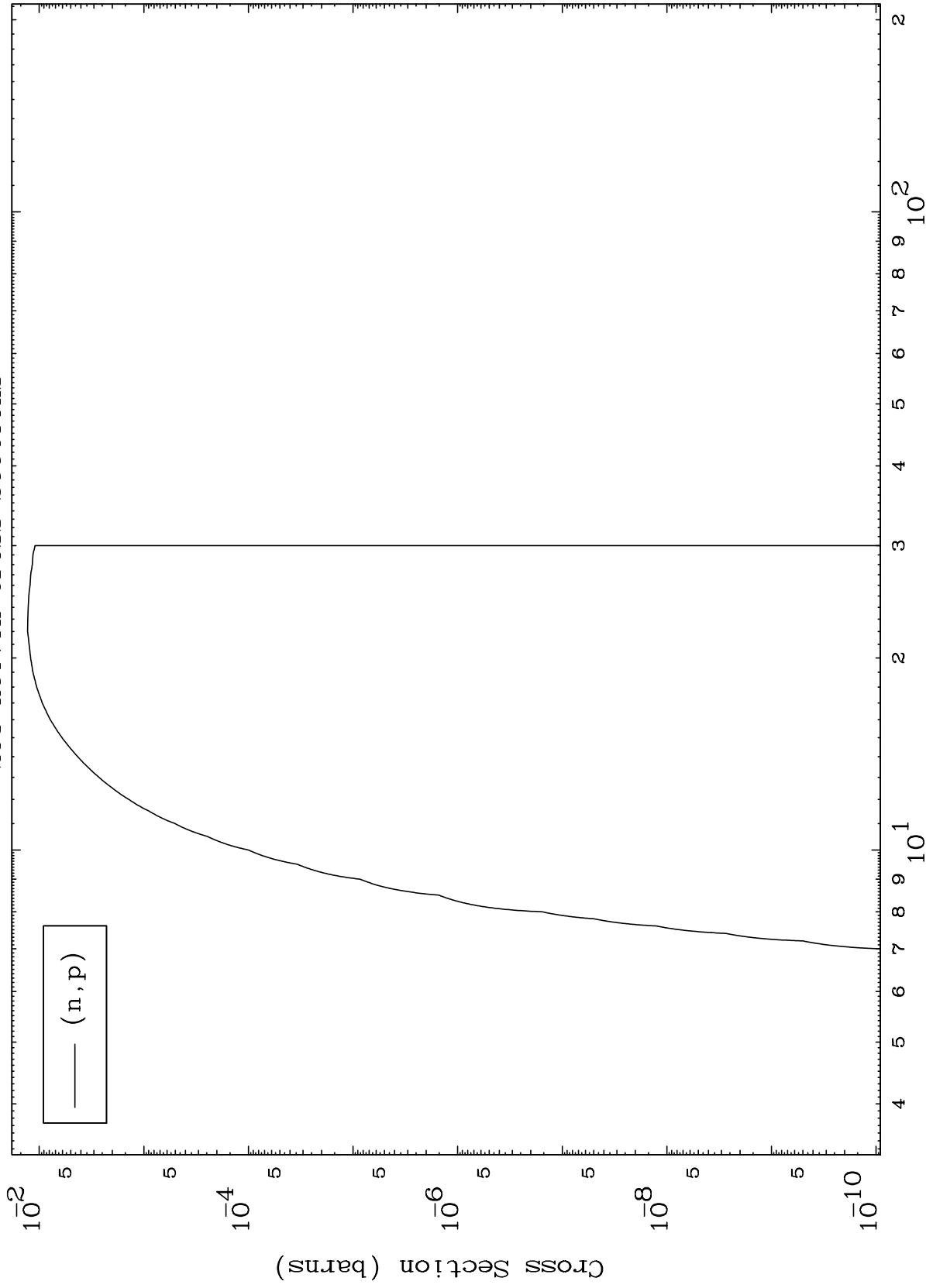
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,p) Levels  
293 Kelvin Cross Sections

39-Y -96



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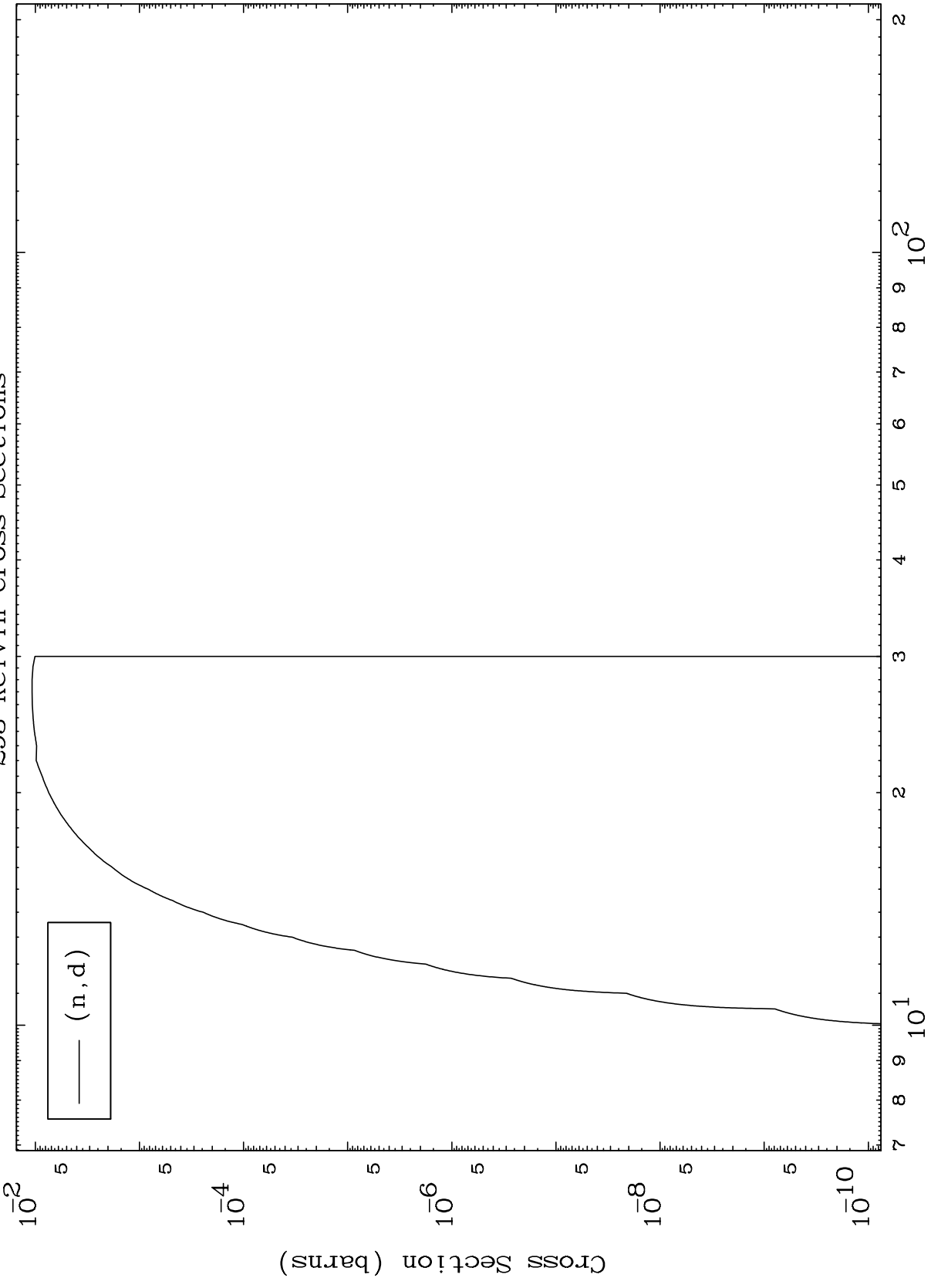
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -96

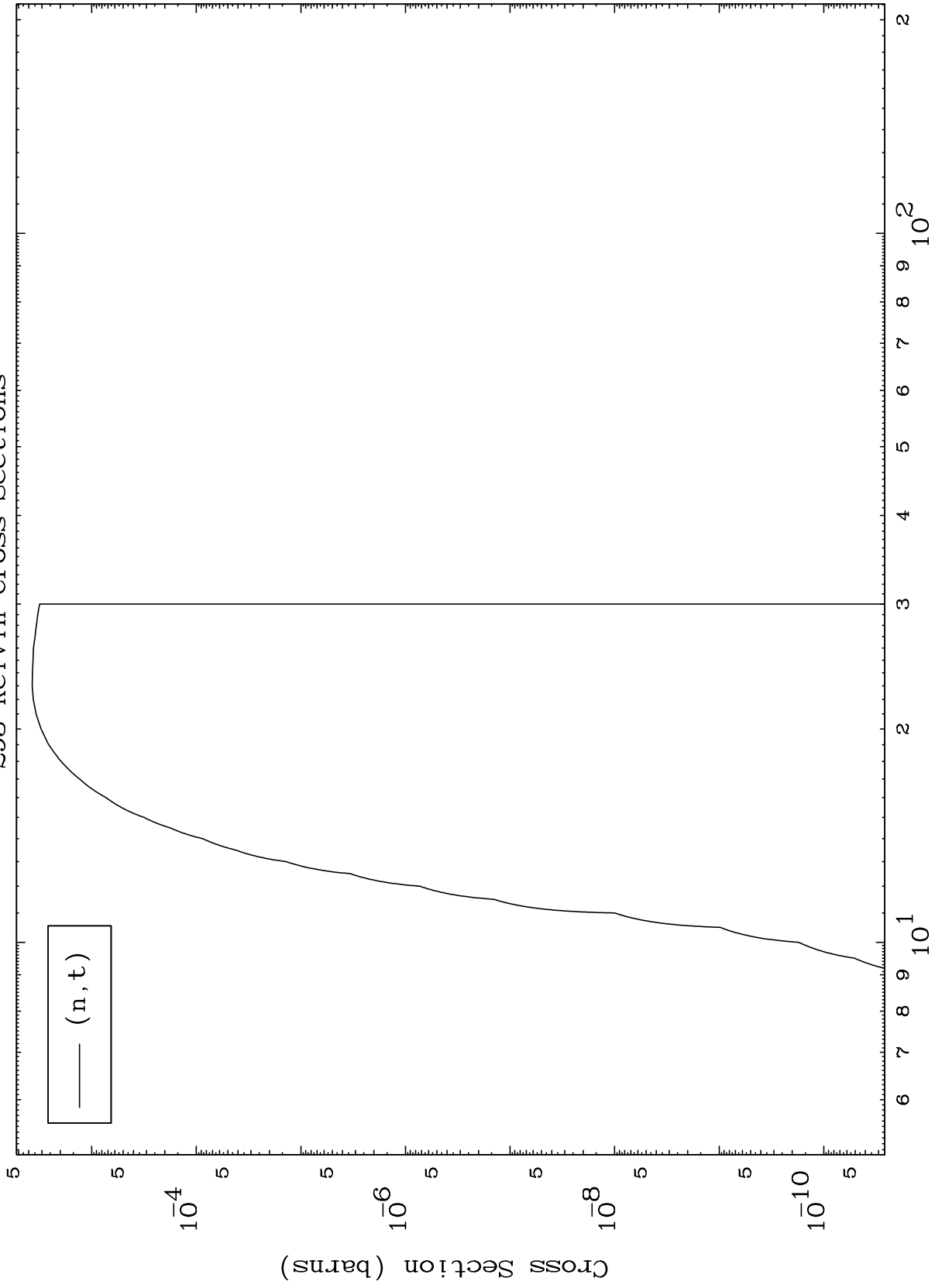


(n,d)

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(n,t) Levels  
293 Kelvin Cross Sections

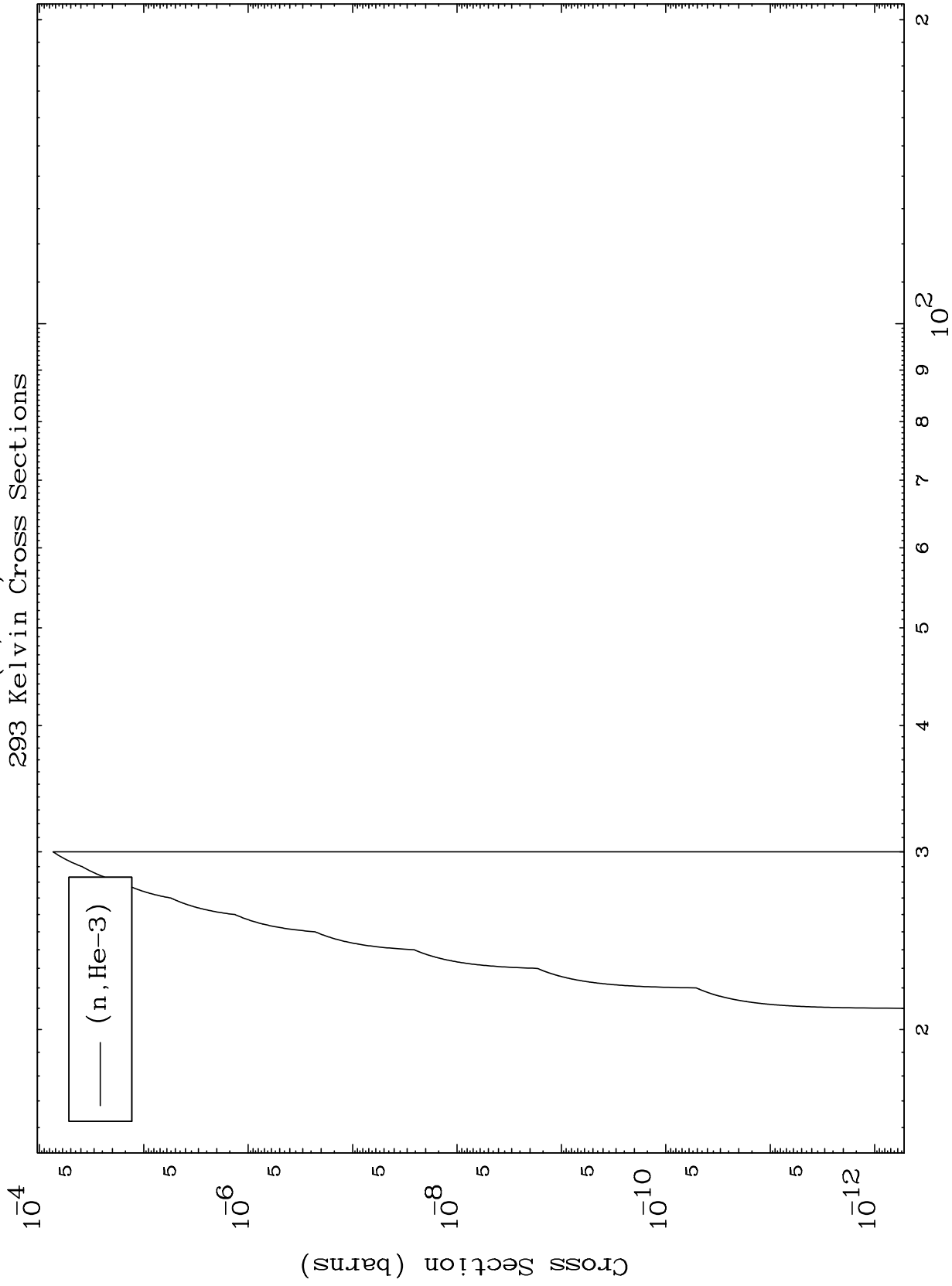
39-Y -96



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(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -96



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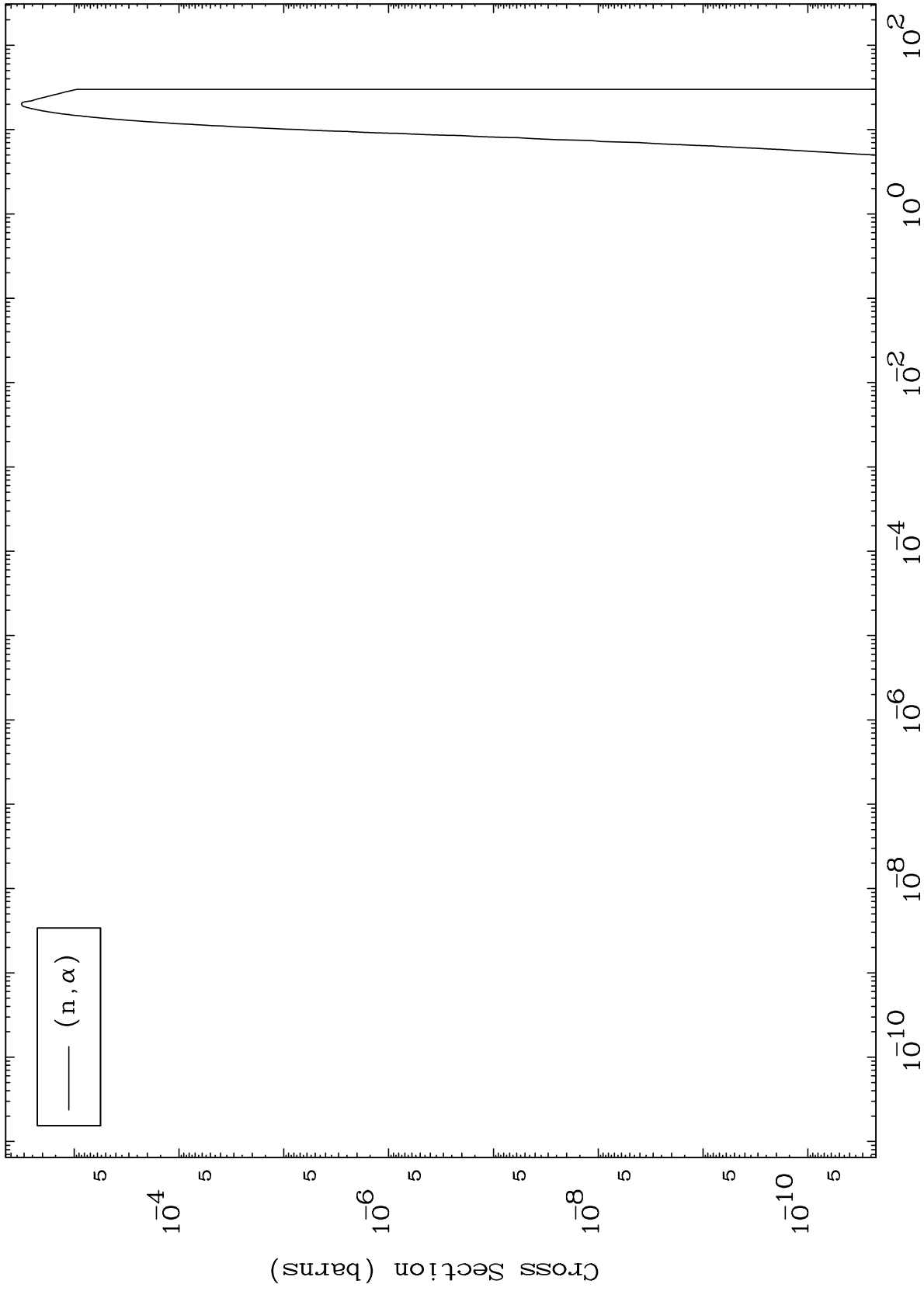
Incident Energy (MeV)

39-Y -96

MAT 3947

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

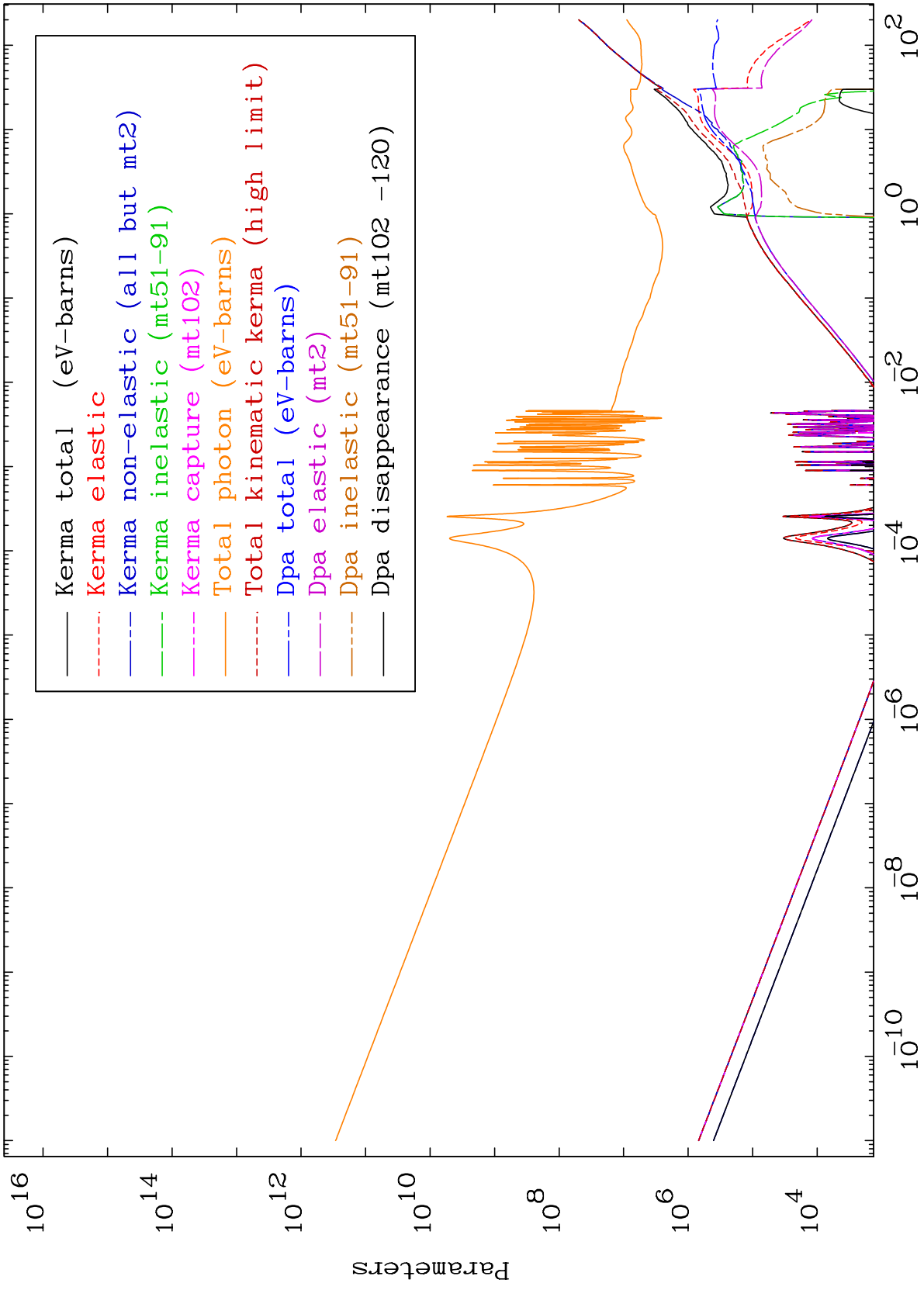
39-Y -96



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Incident Energy (MeV)

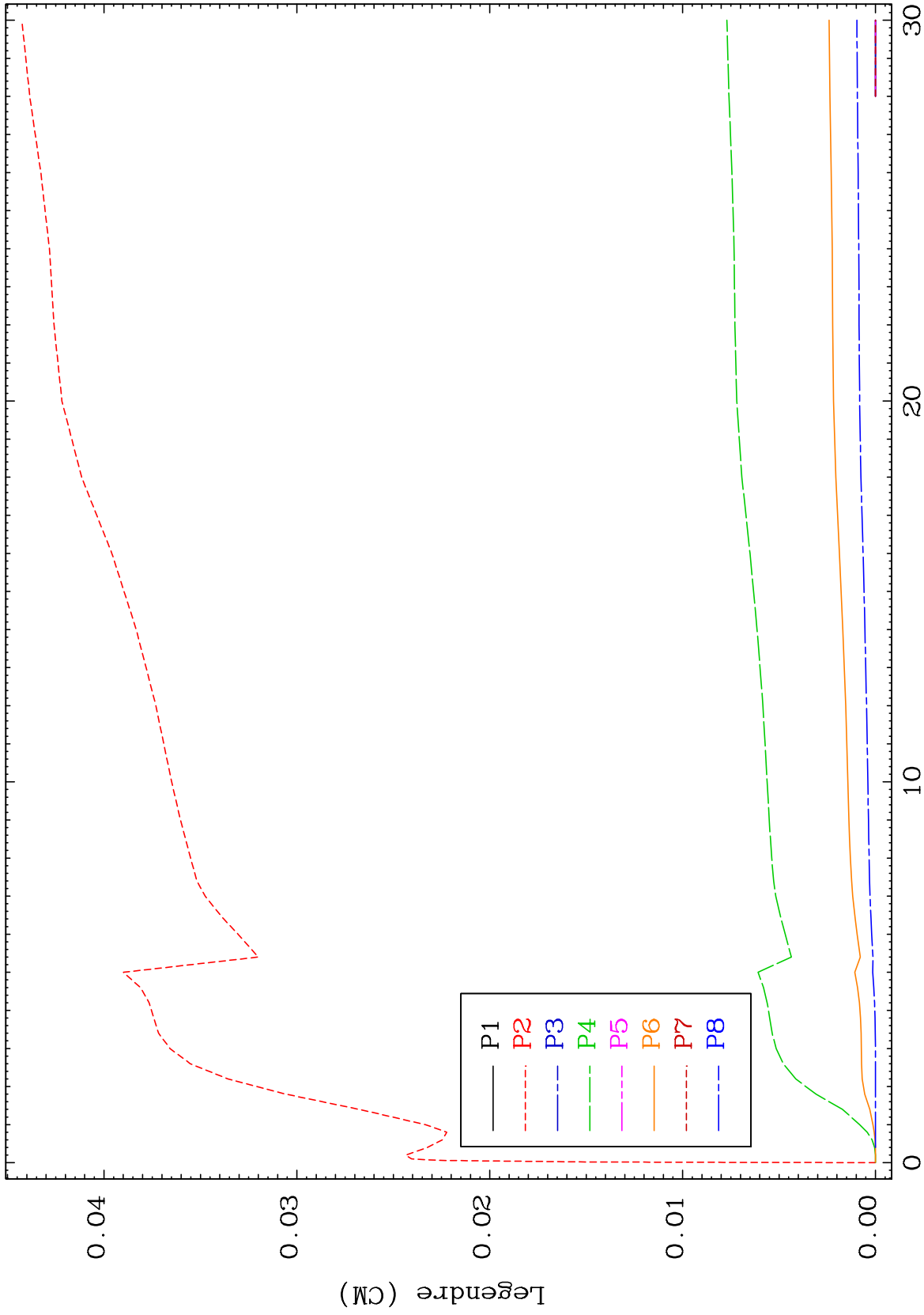
39-Y -96



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Elastic Legendre Coefficients

39-Y -96



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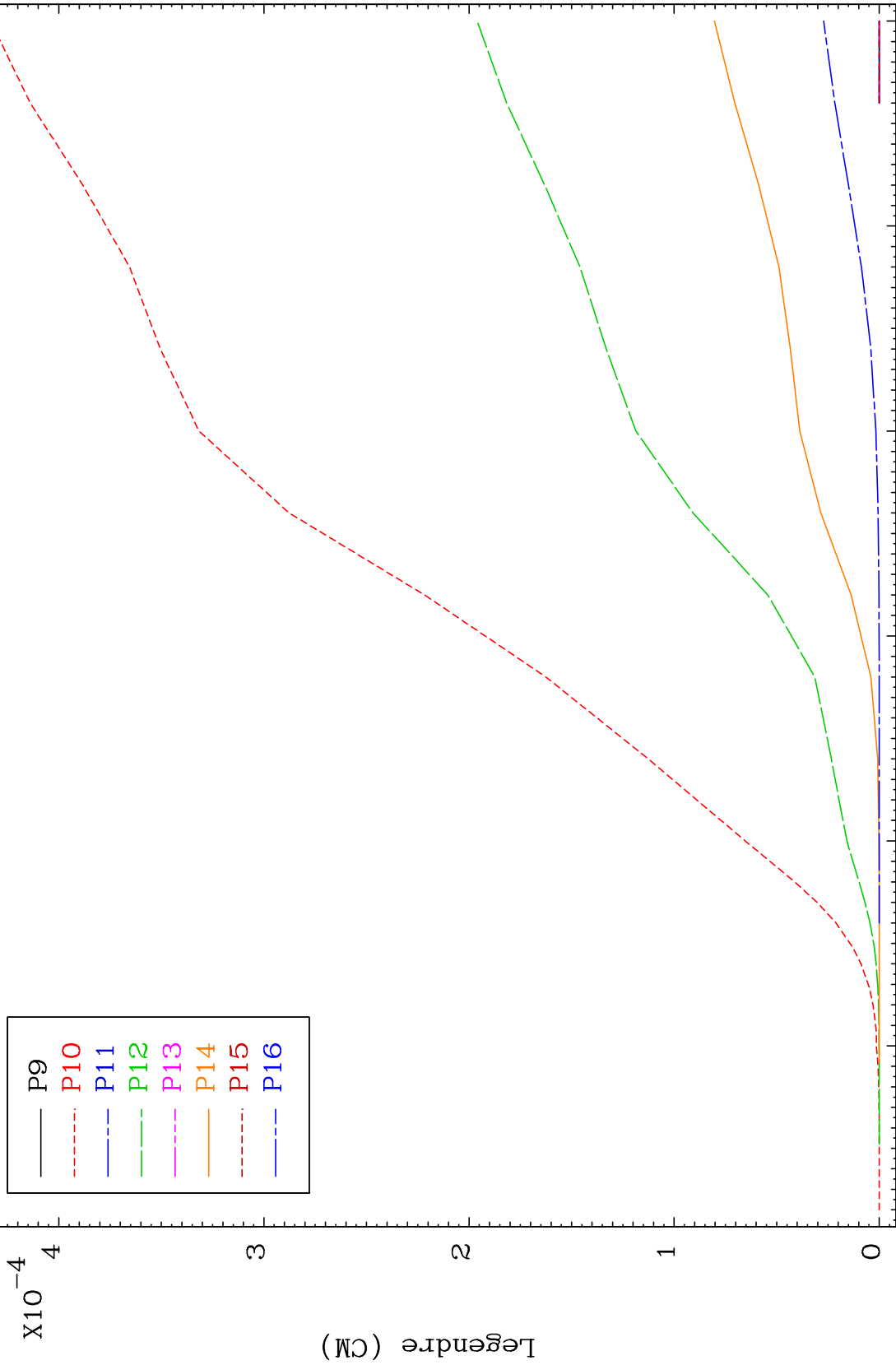
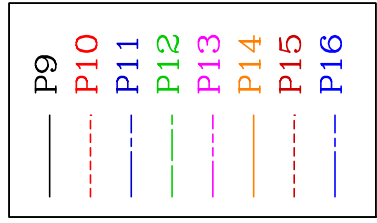
Incident Energy (MeV)

39-Y -96

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Elastic Legendre Coefficients

39-Y -96



17

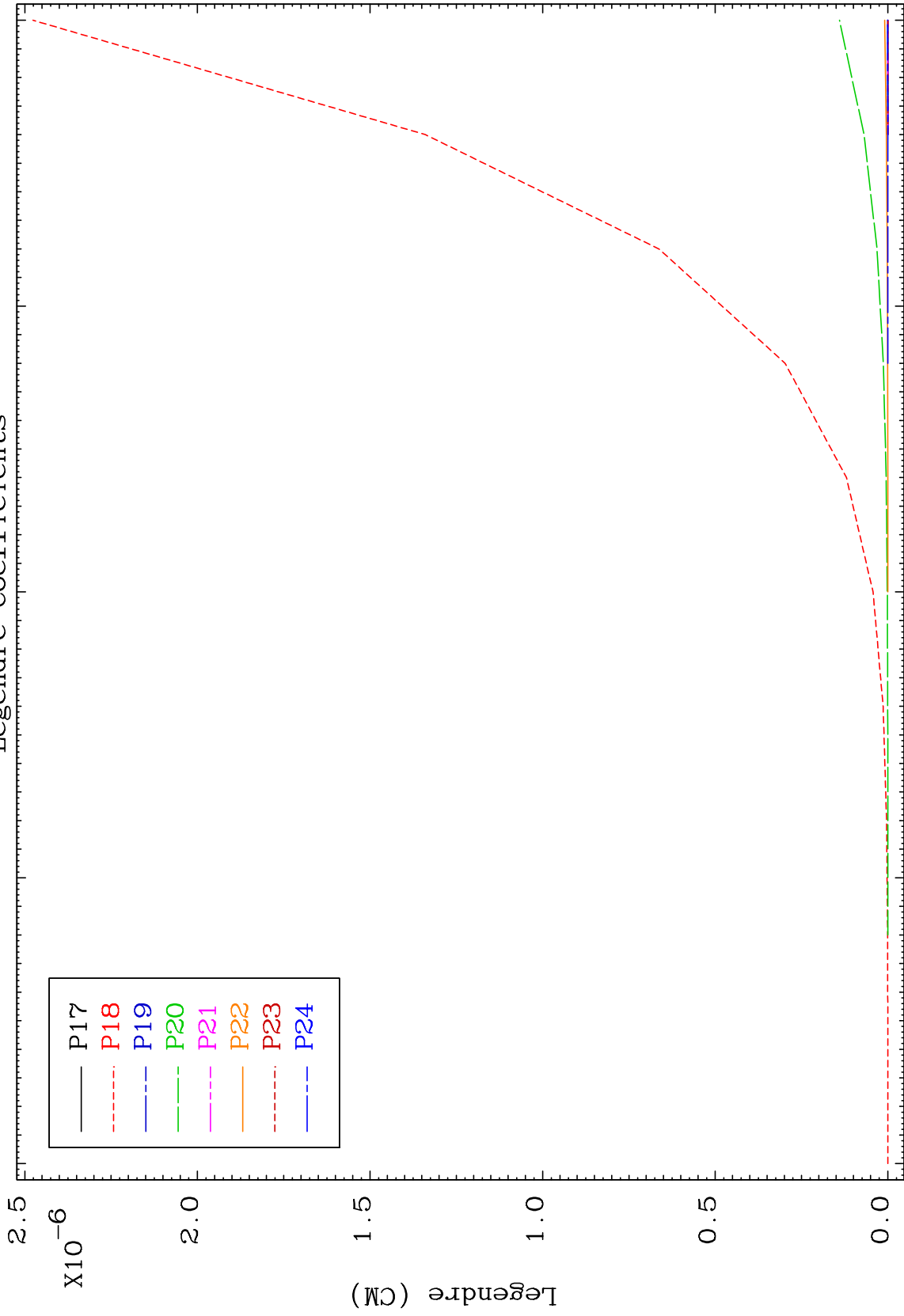
Incident Energy (MeV)

39-Y -96

MAT 3947

### Elastic Legendre Coefficients

39-Y -96



18

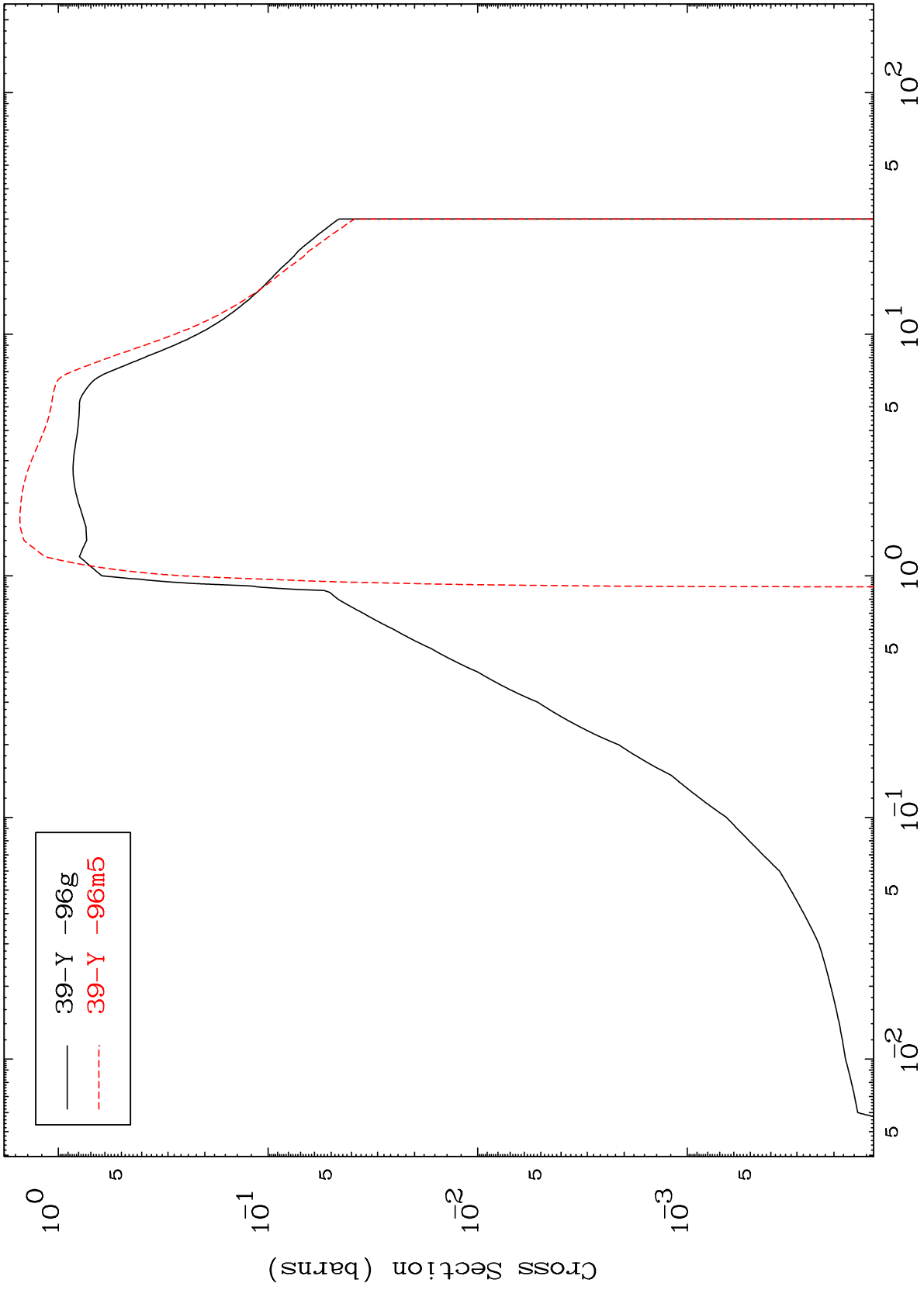
Incident Energy (MeV)

39-Y -96

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39-Y -96

### Radionuclide Production Cross Section



39-Y -96g  
39-Y -96m5

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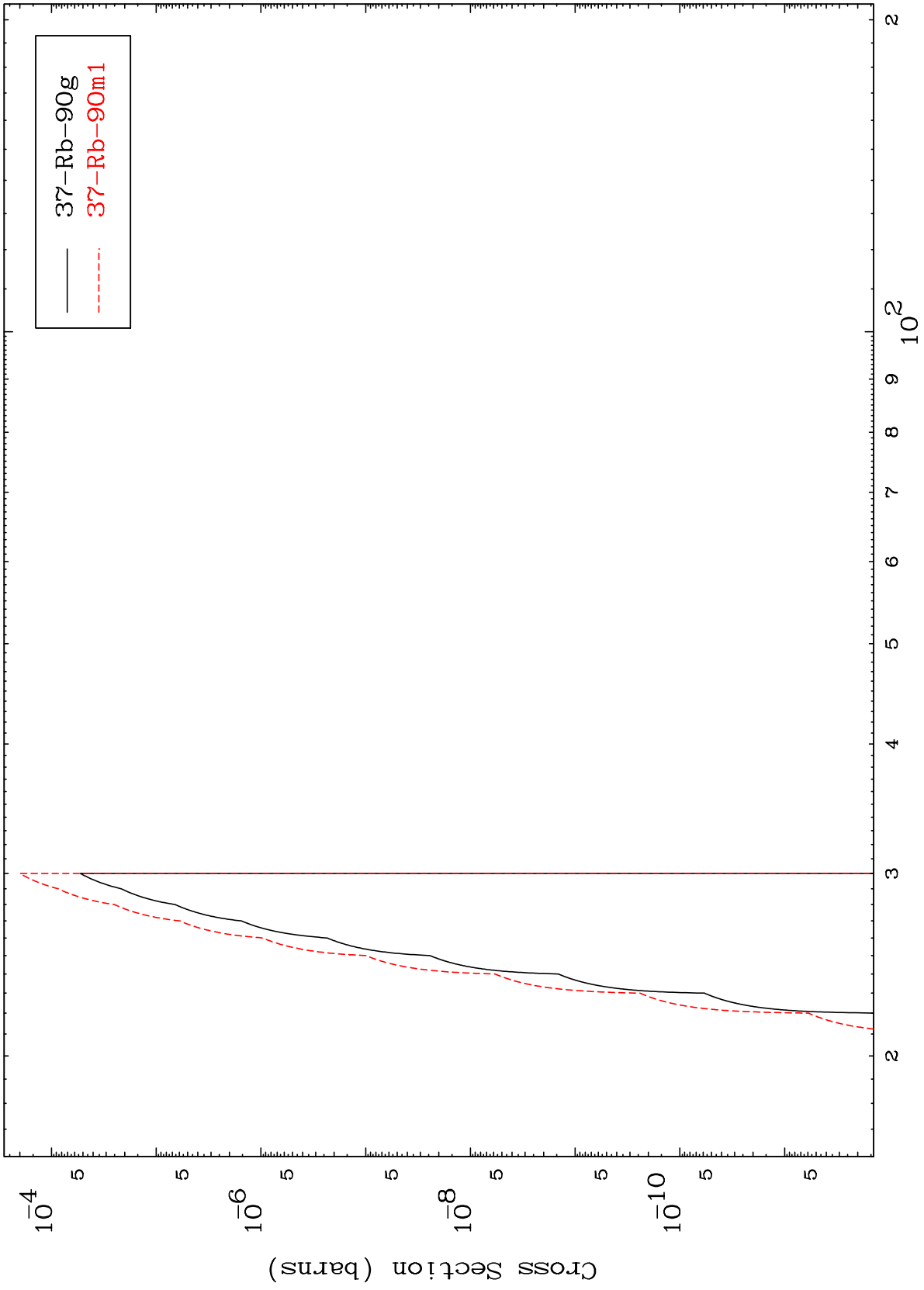
39-Y -96

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(n,3n)  $\alpha$

39-Y -96

Radionuclide Production Cross Section



20

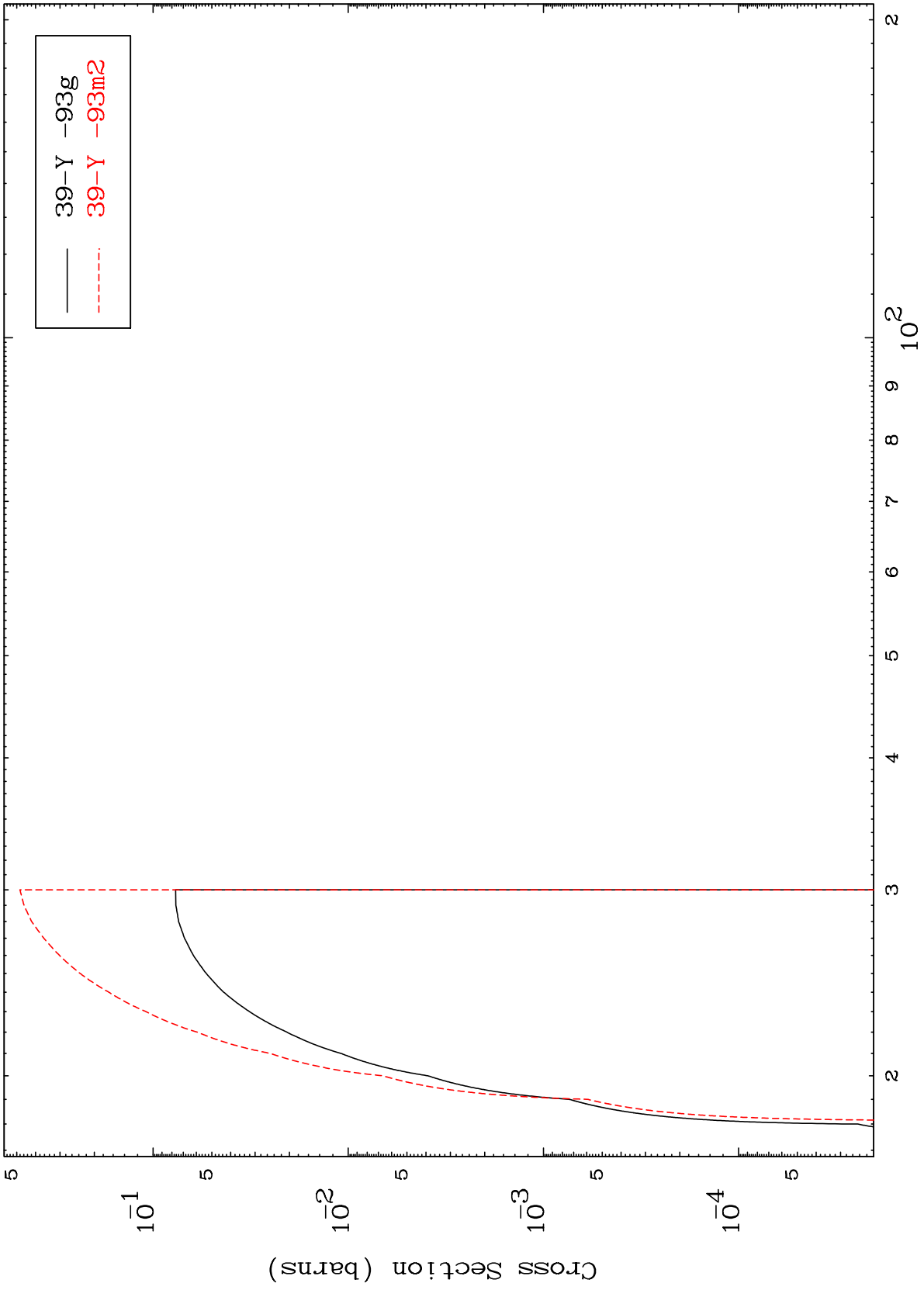
Incident Energy (MeV)

39-Y -96

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39-Y -96

(n,4n)  
Radionuclide Production Cross Section



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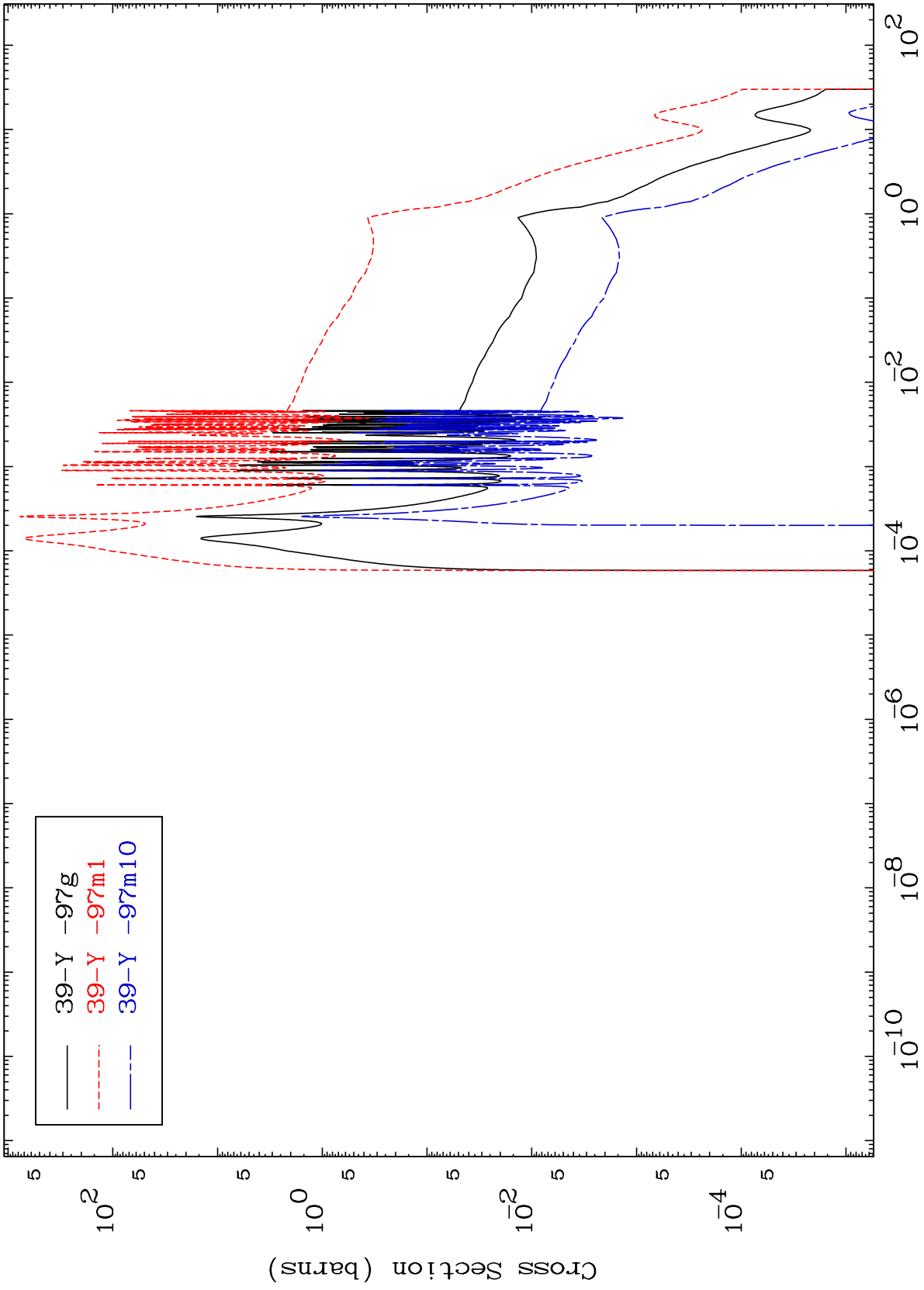
Incident Energy (MeV)

39-Y -96

MAT 3947

39-Y -96

Radionuclide Production Cross Section (n,γ)



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39-Y -96