

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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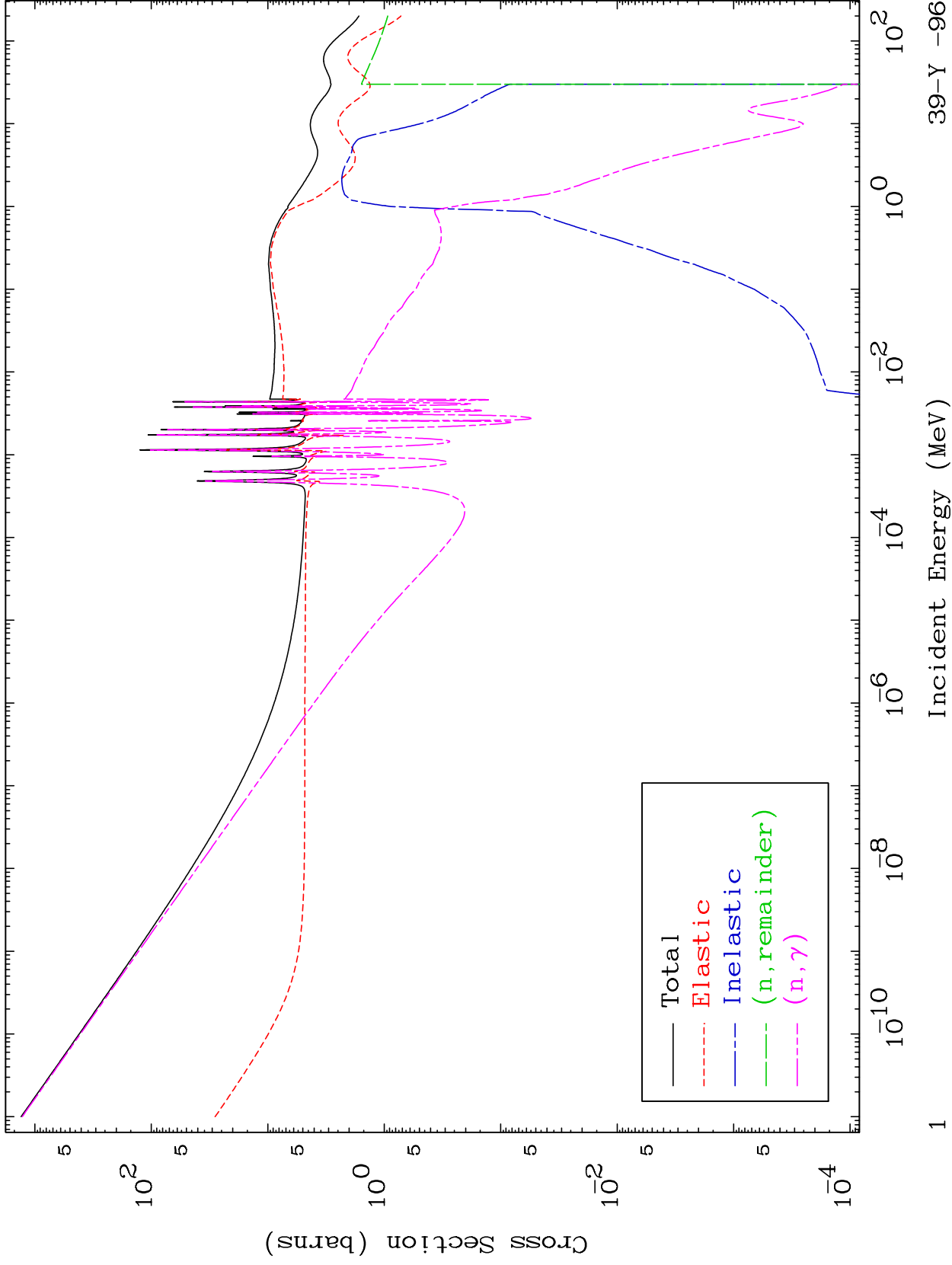
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

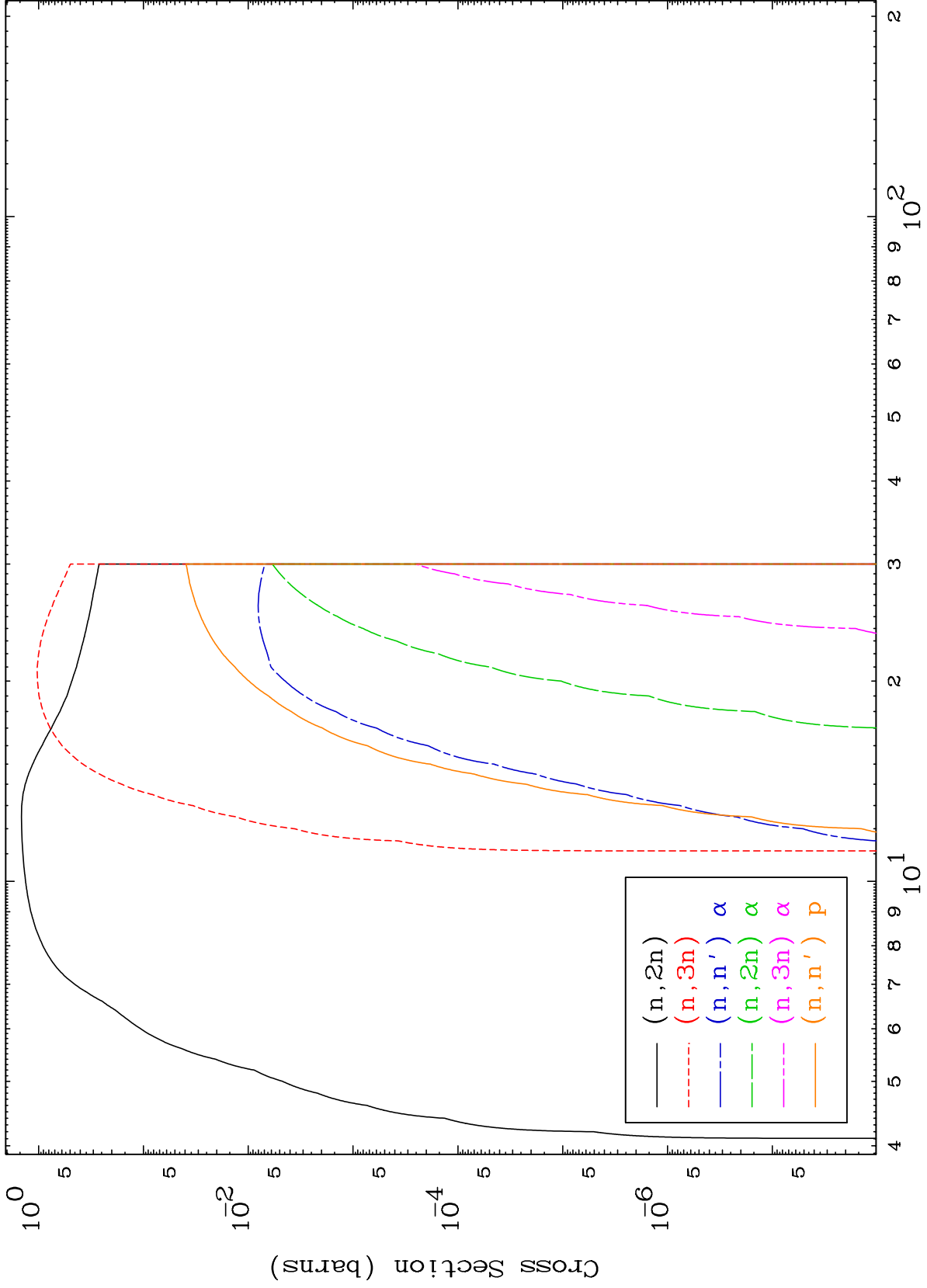
Press Mouse Button to Start

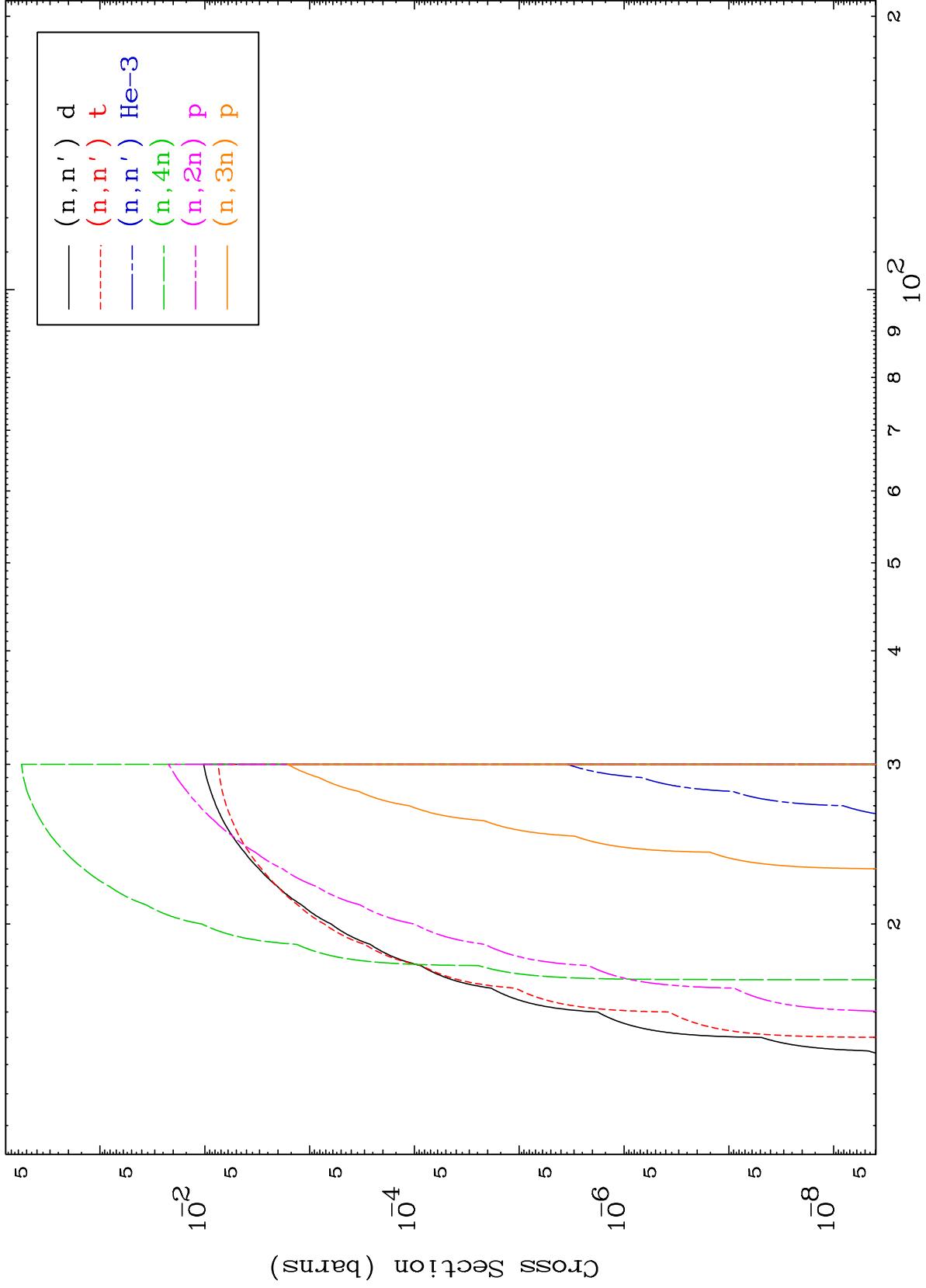
MAT 3947

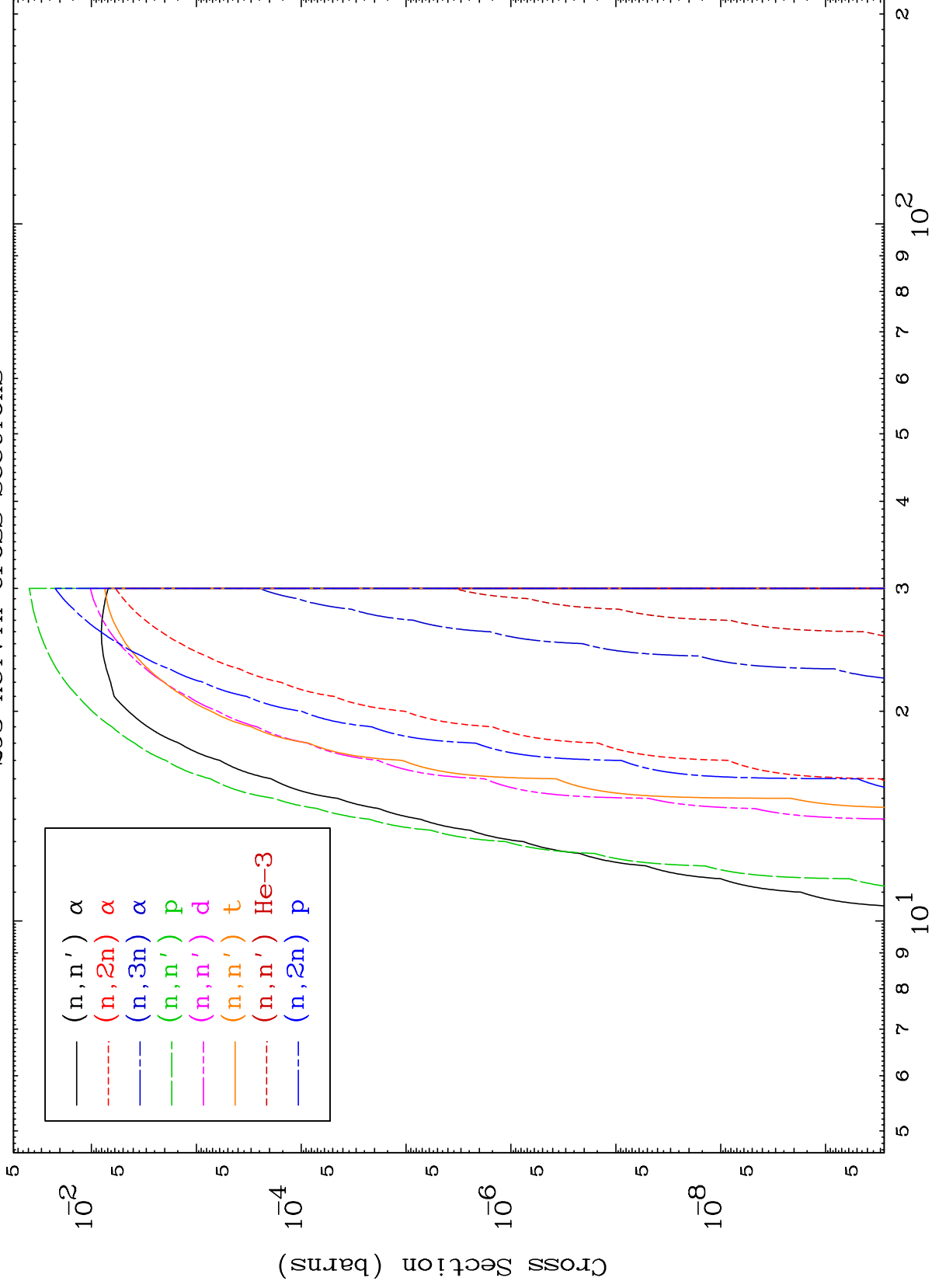
Major  
293 Kelvin Cross Sections

39-Y -96





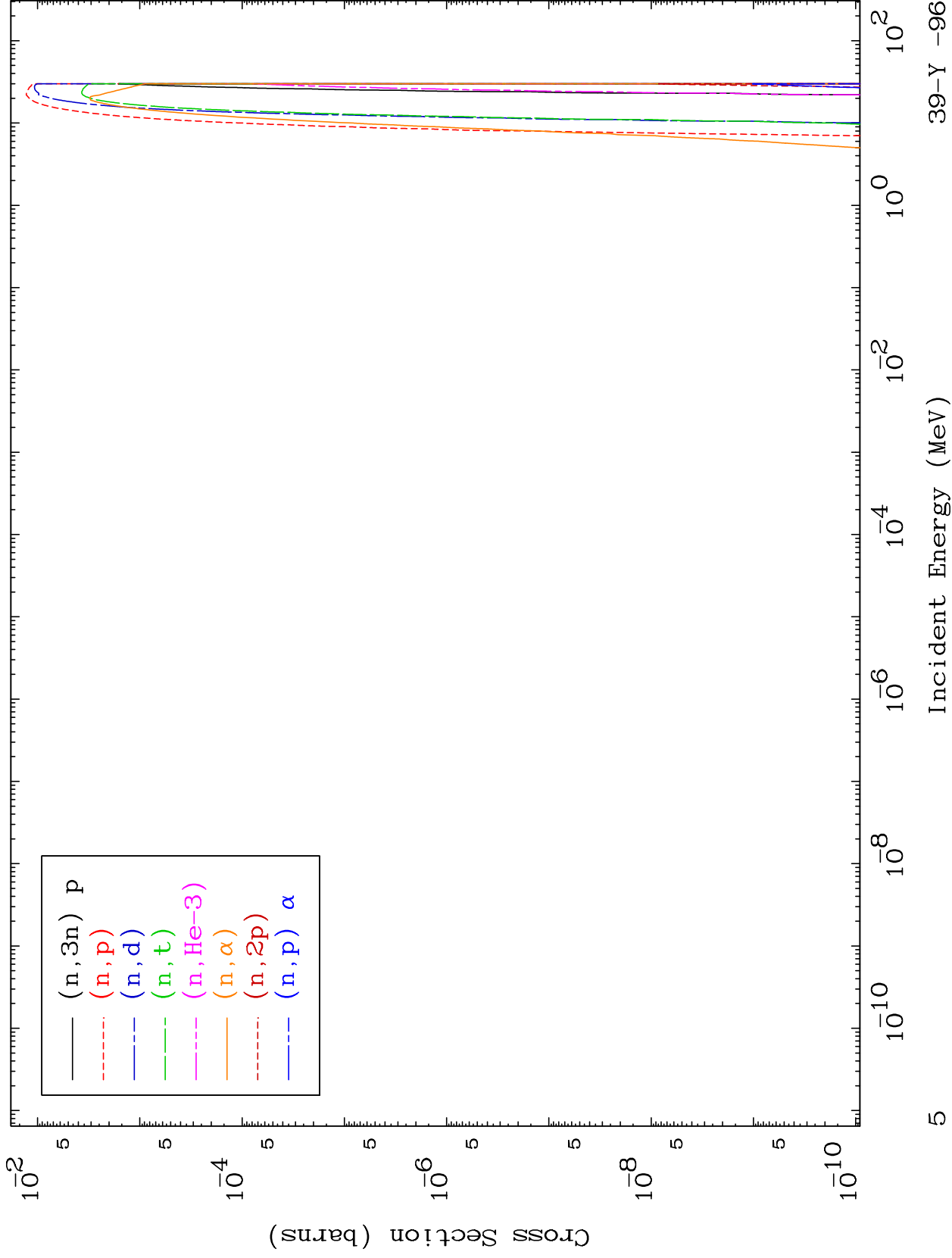




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Charged Particle  
293 Kelvin Cross Sections

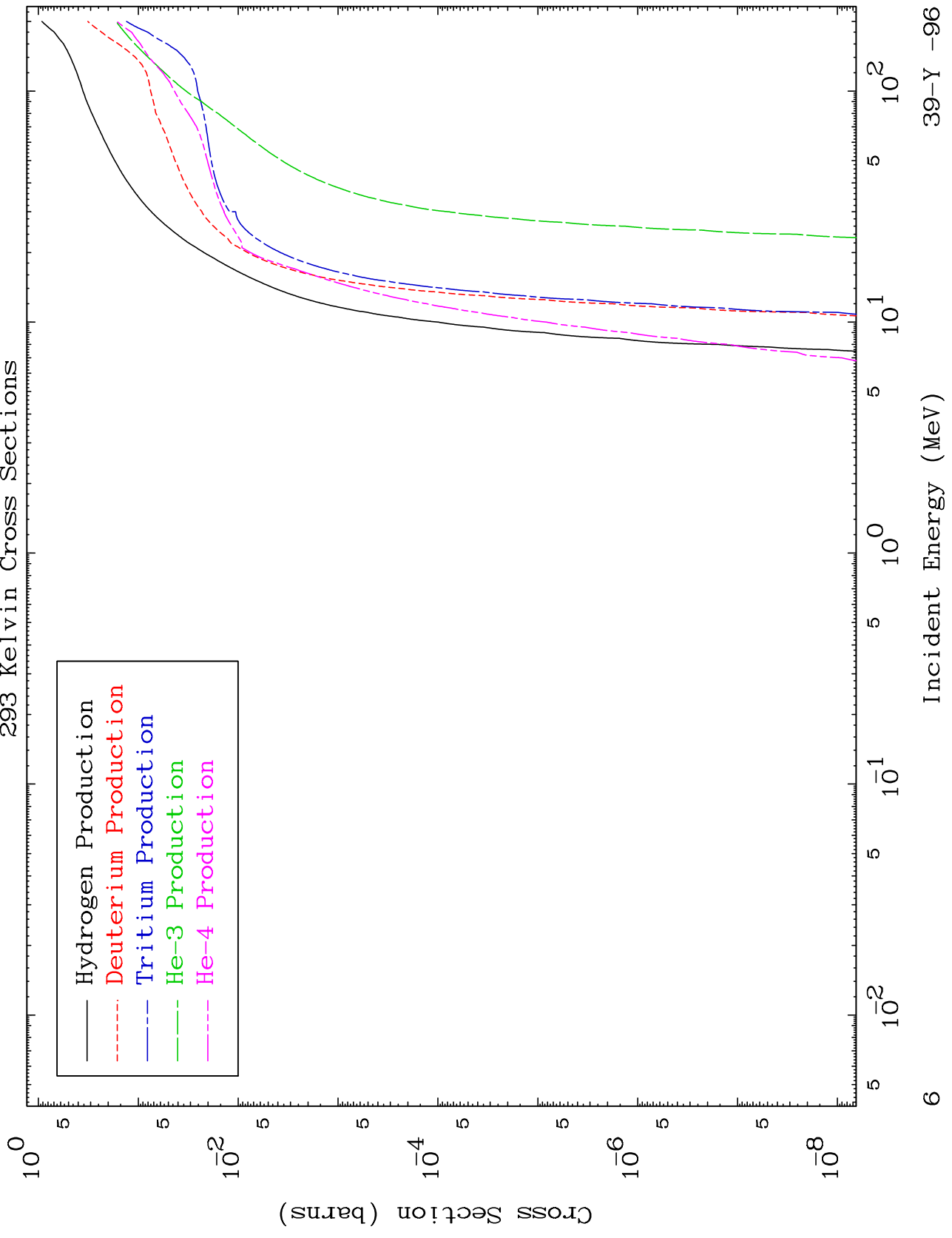
39-Y -96



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Particle Production  
293 Kelvin Cross Sections

39-Y -96



39-Y -96

Incident Energy (MeV)

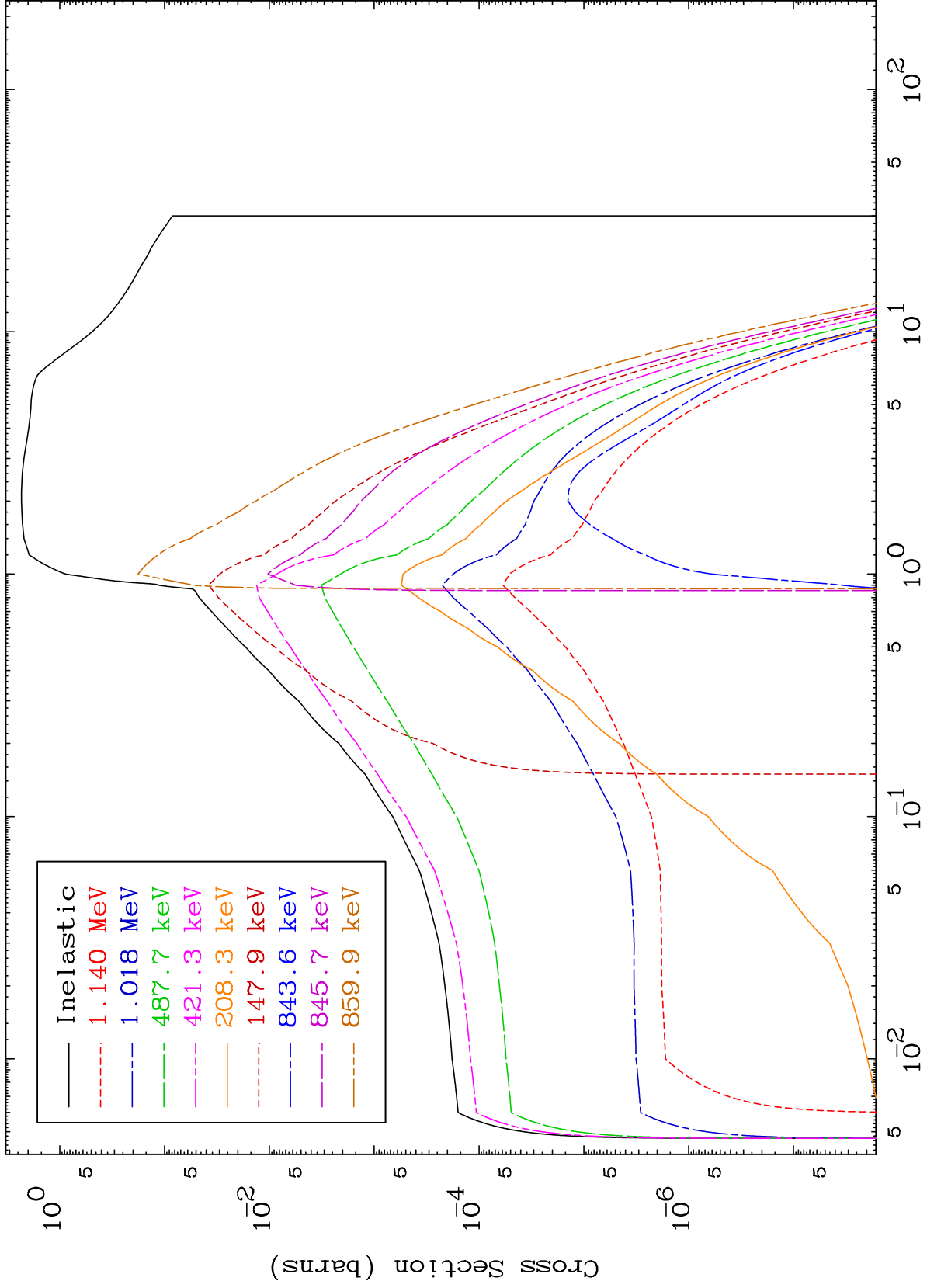
6

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293 Kelvin Cross Sections

(n,n') Level

39-Y -96



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Incident Energy (MeV)

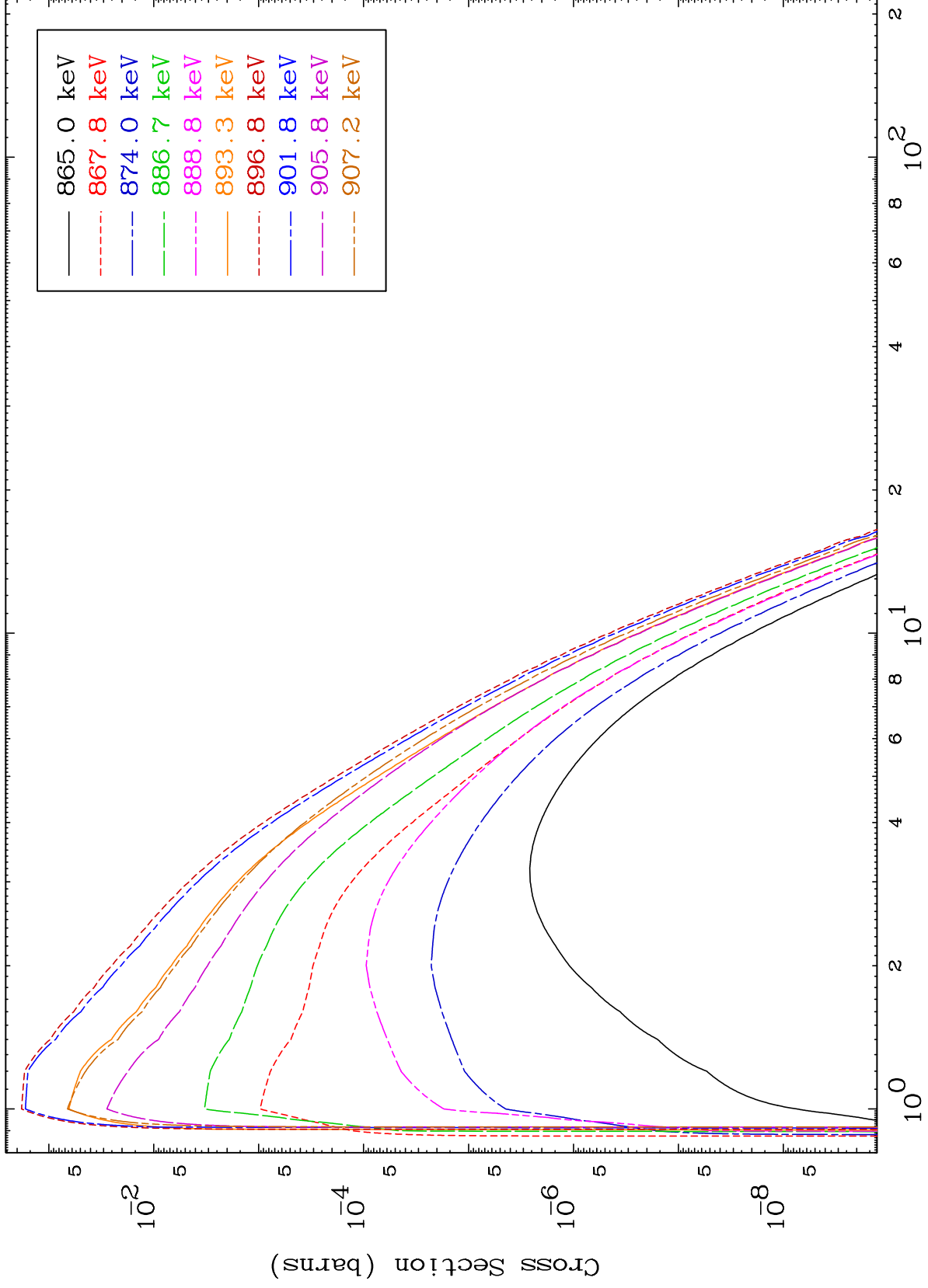
39-Y -96



MAT 3947

(n,n') Level  
293 Kelvin Cross Sections

39-Y -96



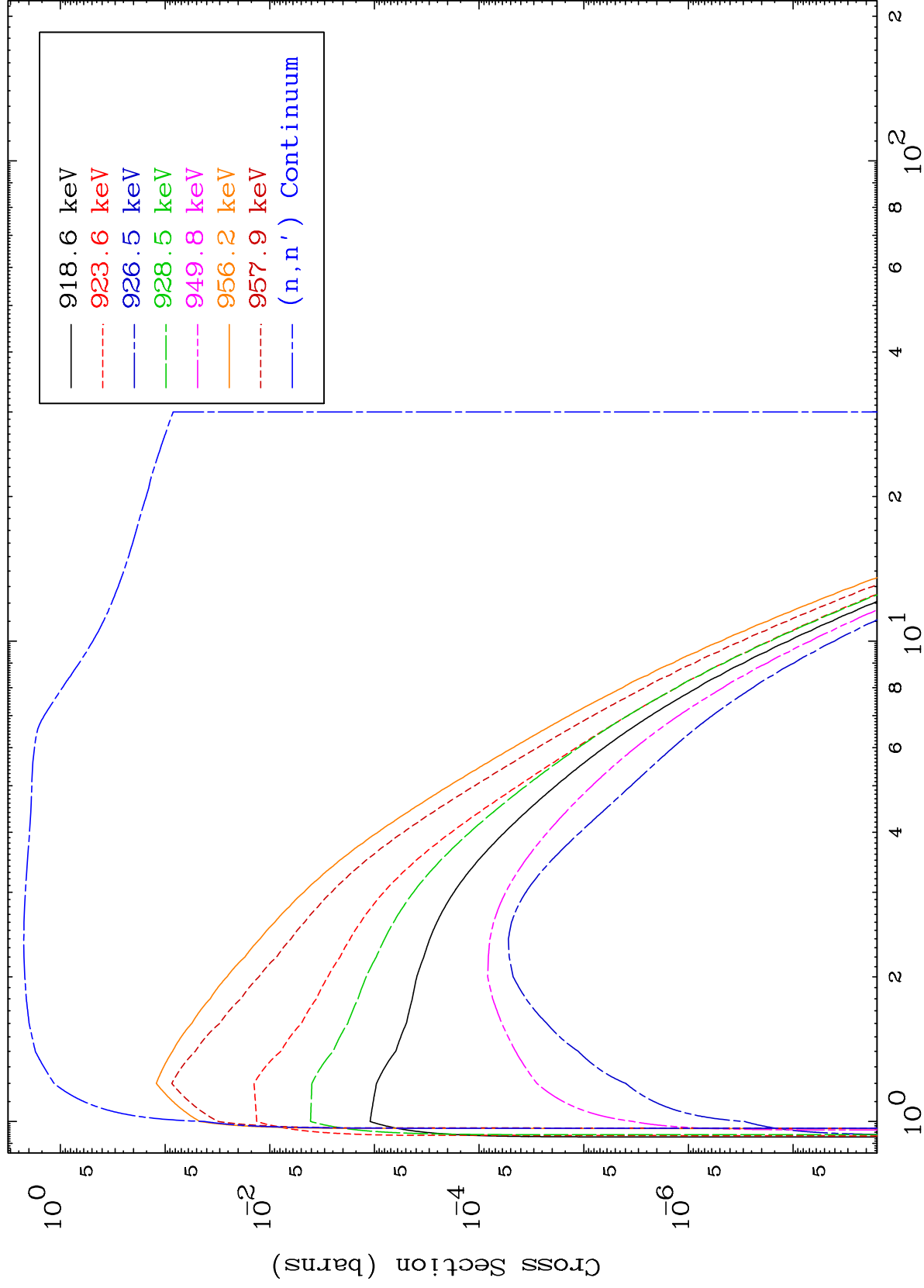
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,n') Level  
293 Kelvin Cross Sections

39-Y -96



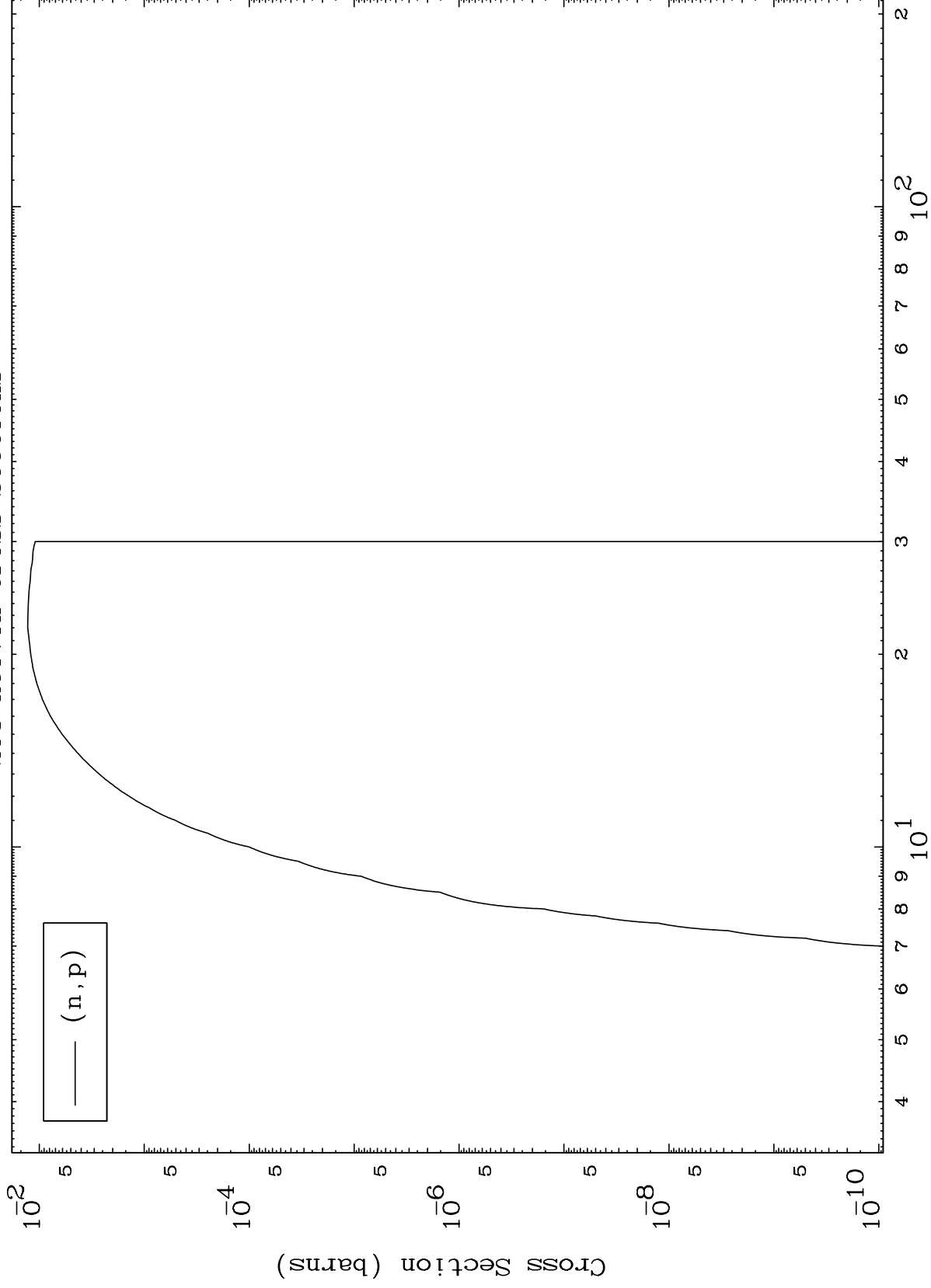
Incident Energy (MeV)

39-Y -96

MAT 3947

(n,p) Levels  
293 Kelvin Cross Sections

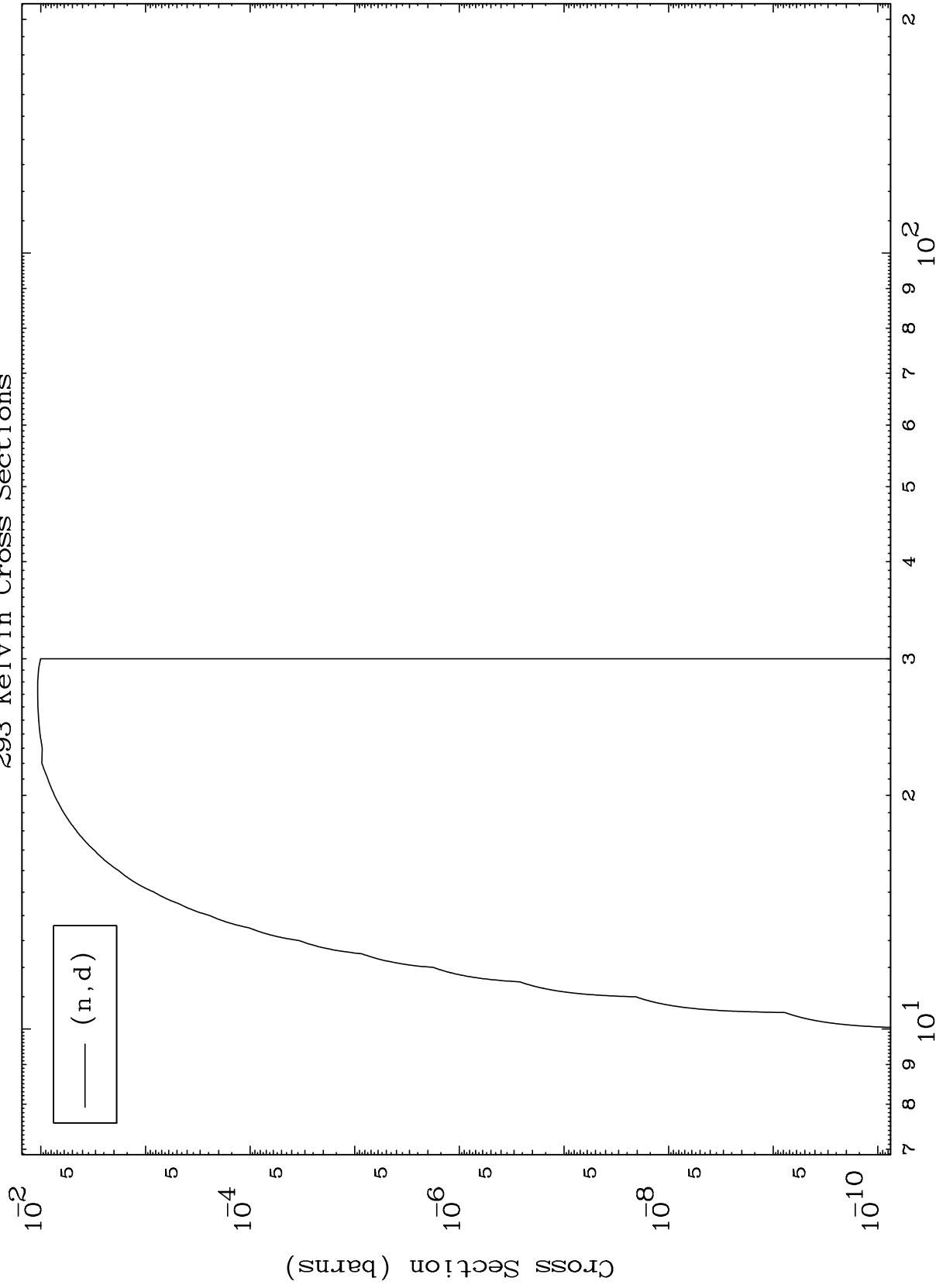
39-Y -96



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Incident Energy (MeV)

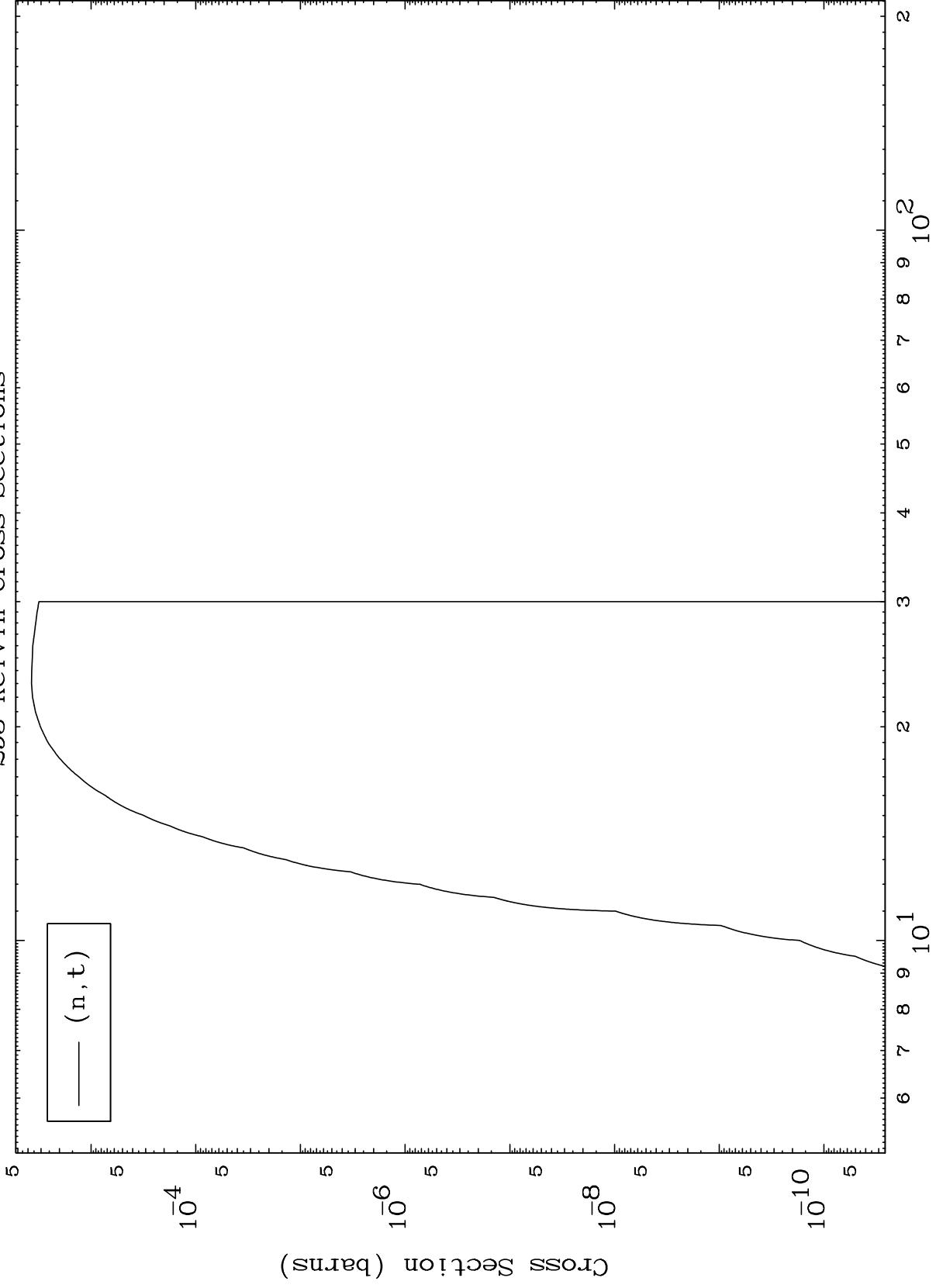
39-Y -96



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(n,t) Levels  
293 Kelvin Cross Sections

39-Y -96



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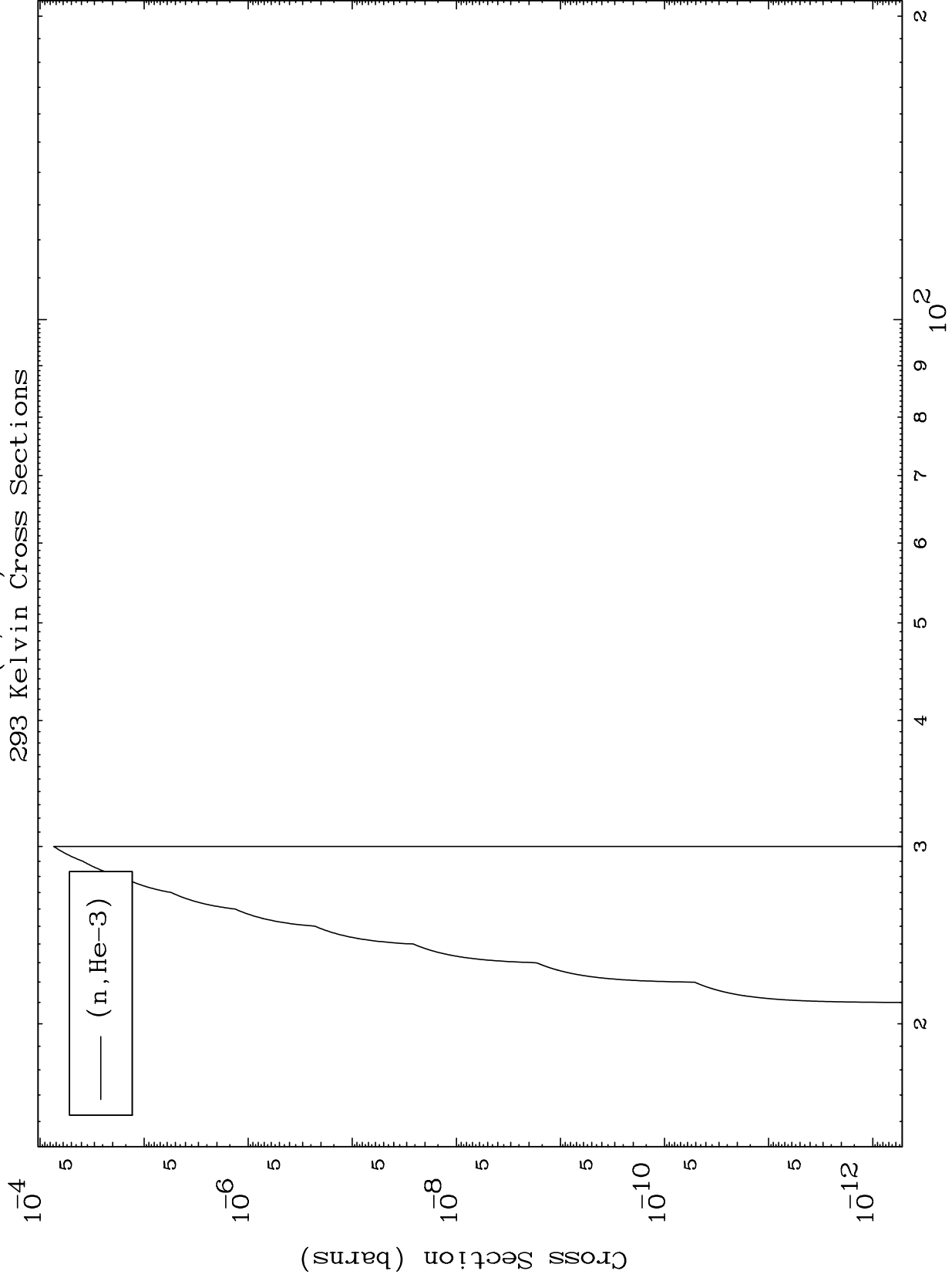
Incident Energy (MeV)

39-Y -96

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(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -96



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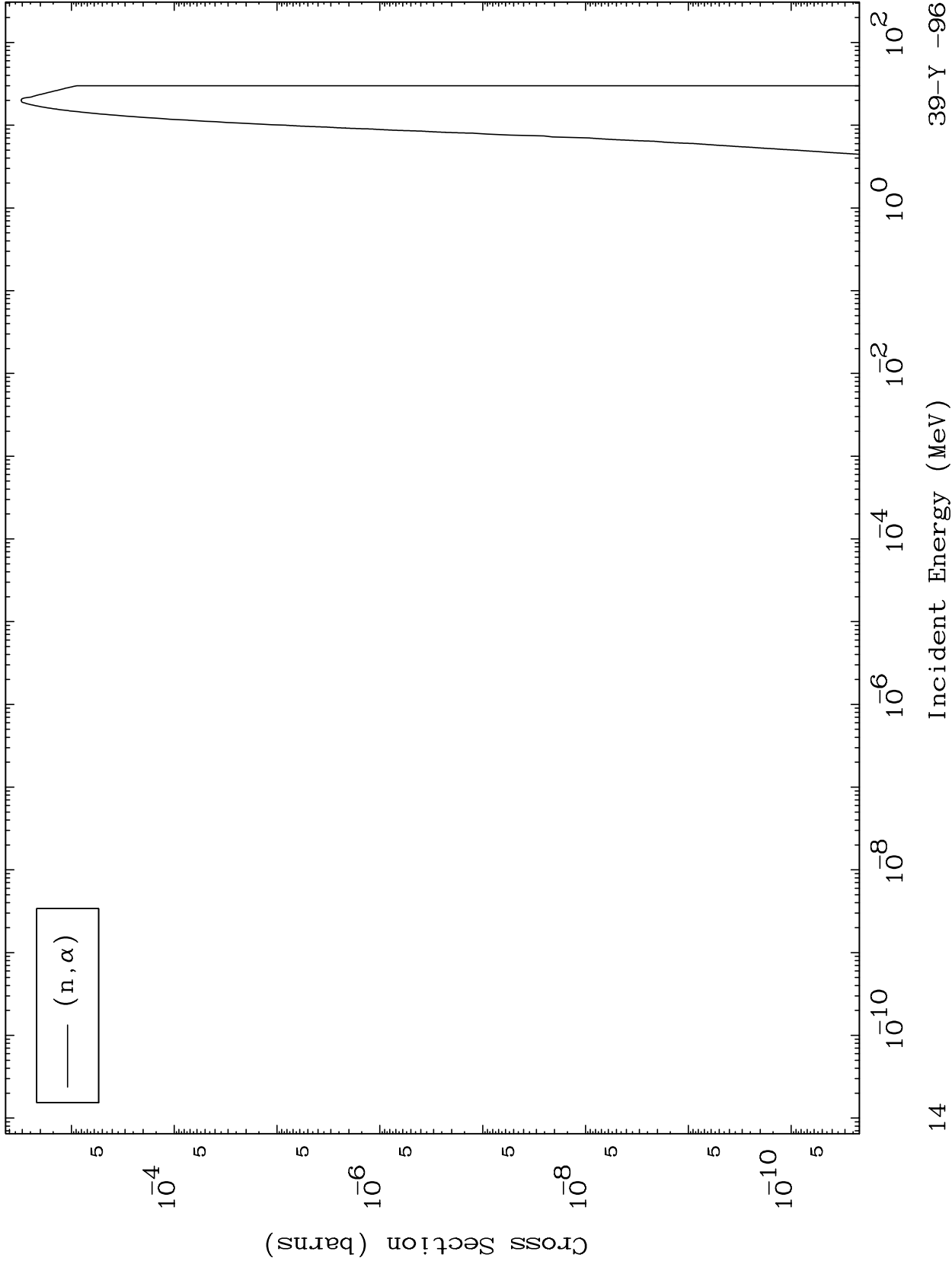
Incident Energy (MeV)

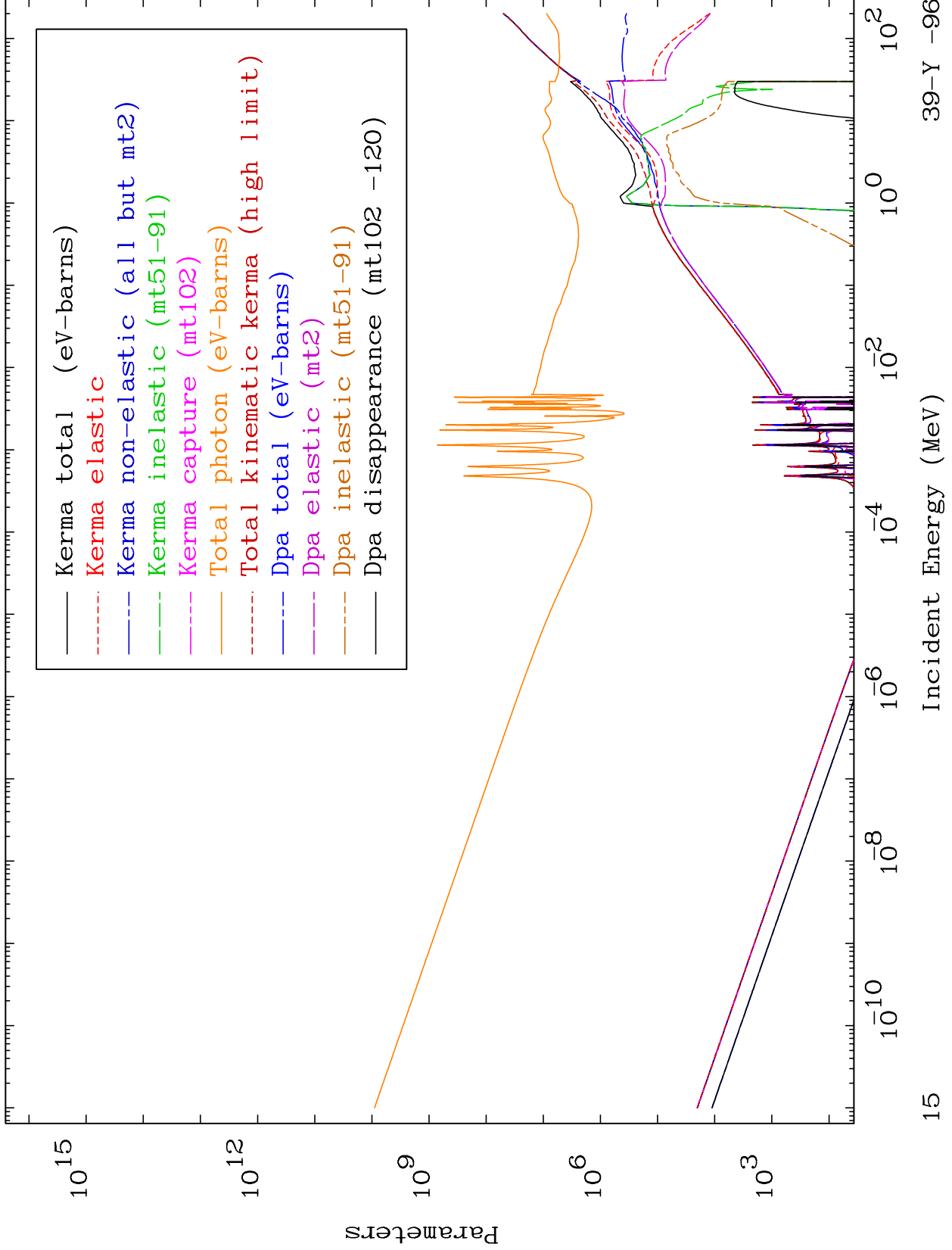
39-Y -96

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

39-Y -96







MAT 3947

Elastic Legendre Coefficients

39-Y -96



39-Y -96

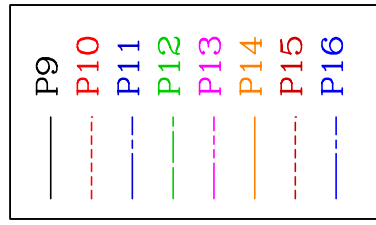
Incident Energy (MeV)

16

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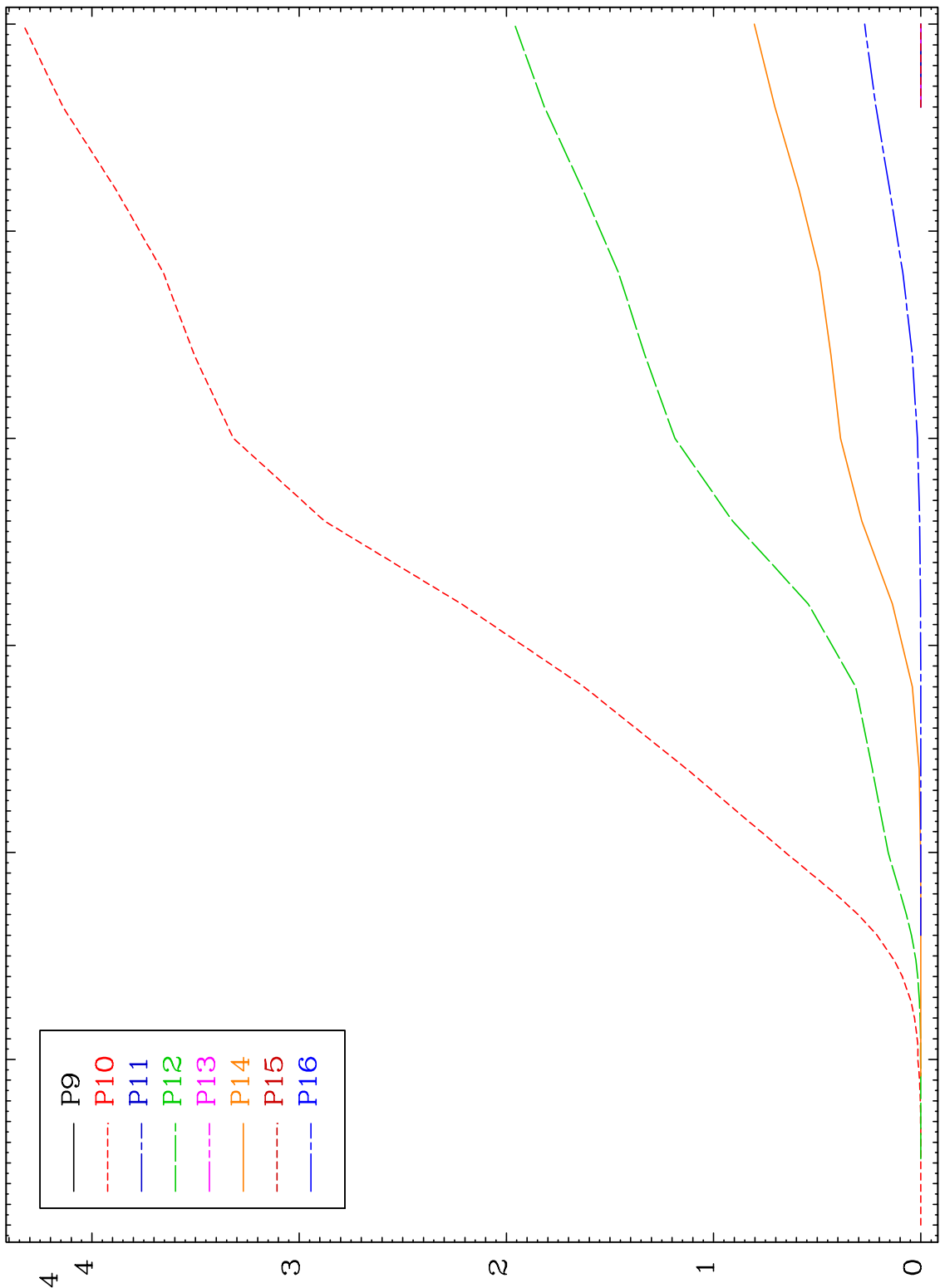
Elastic Legendre Coefficients

39-Y -96



$\times 10^{-4}$

Legendre (CM)



17

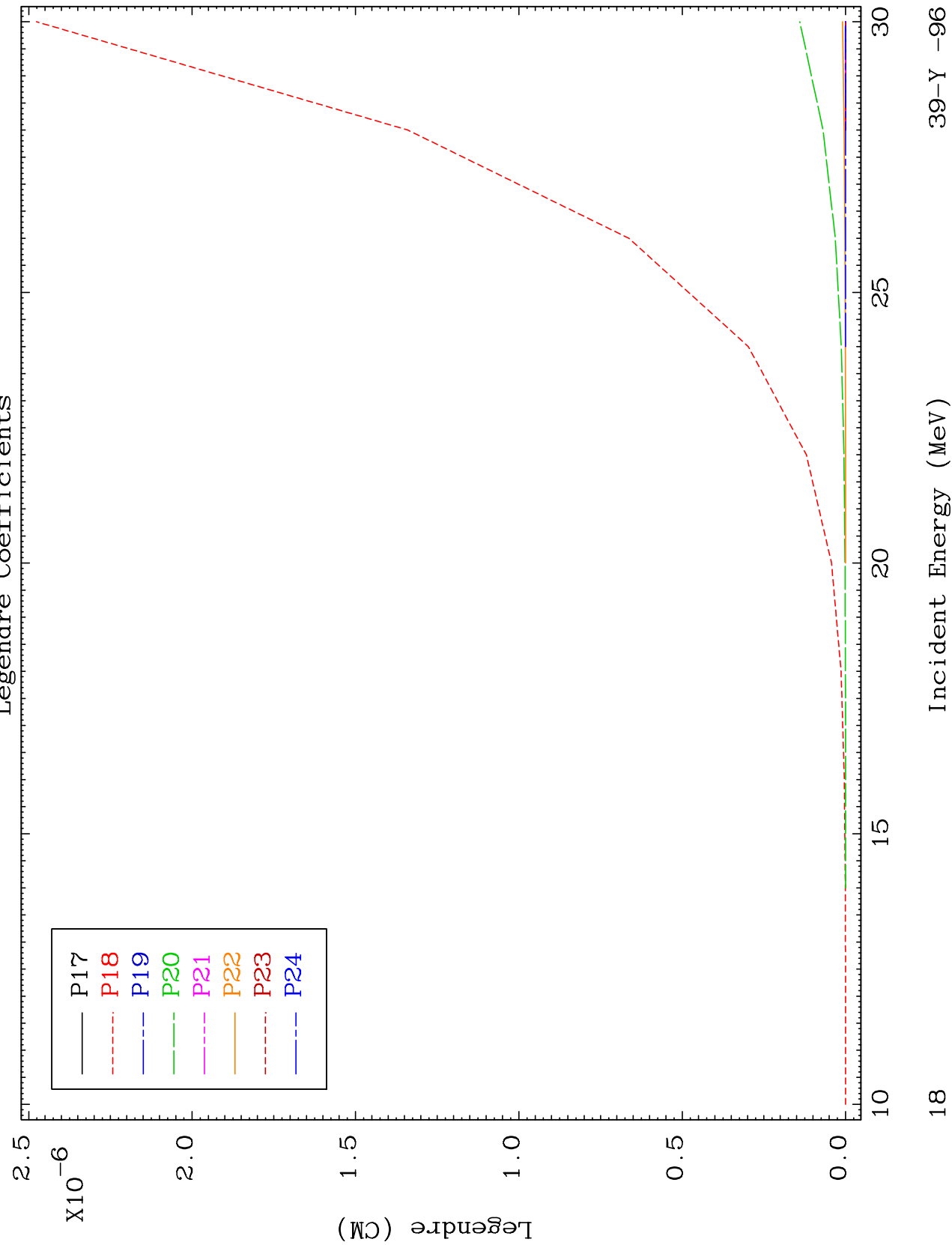
Incident Energy (MeV)

39-Y -96

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### Elastic Legendre Coefficients

39-Y -96



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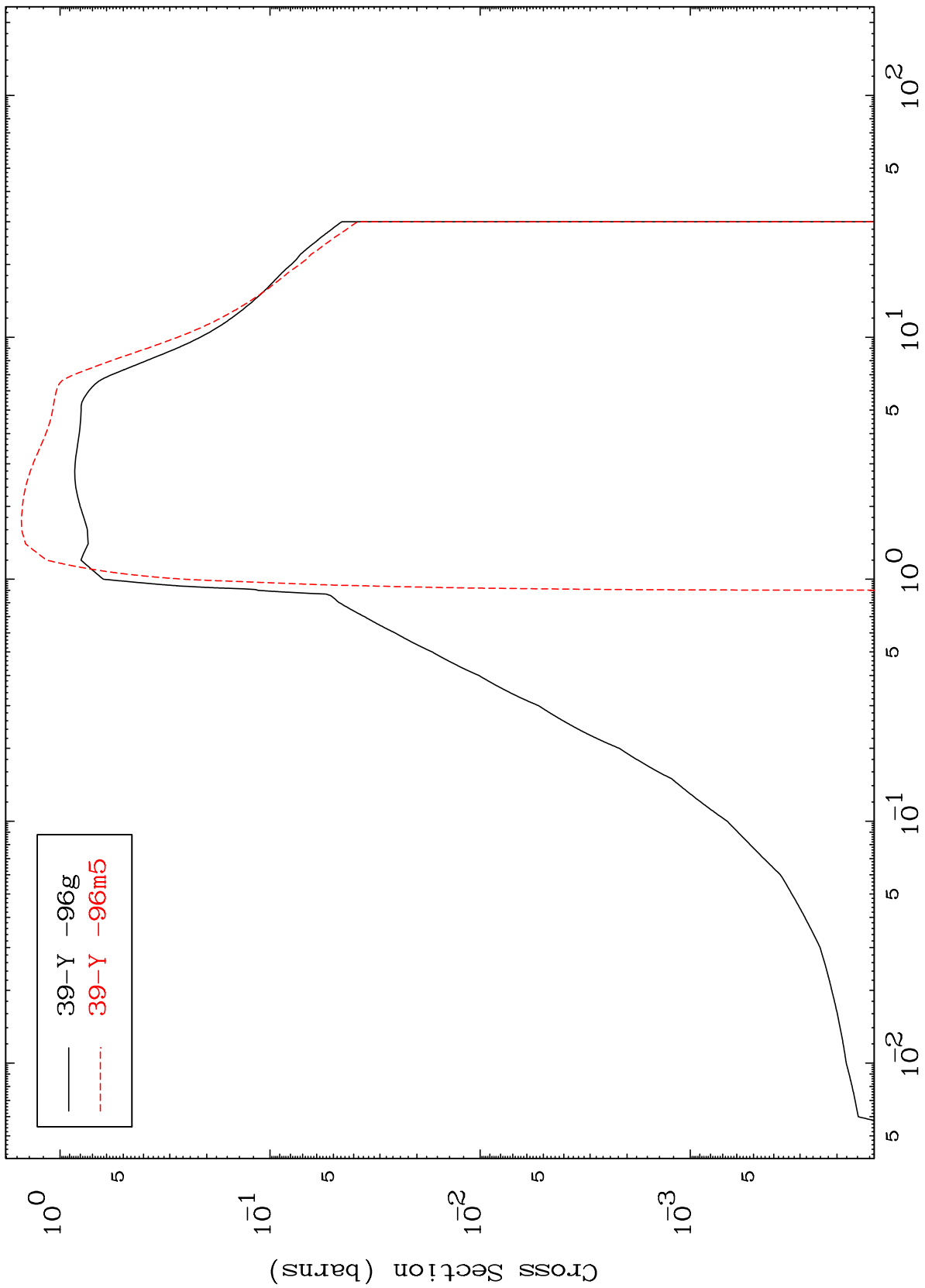
Incident Energy (MeV)

39-Y -96

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39-Y -96

Inelastic  
Radionuclide Production Cross Section



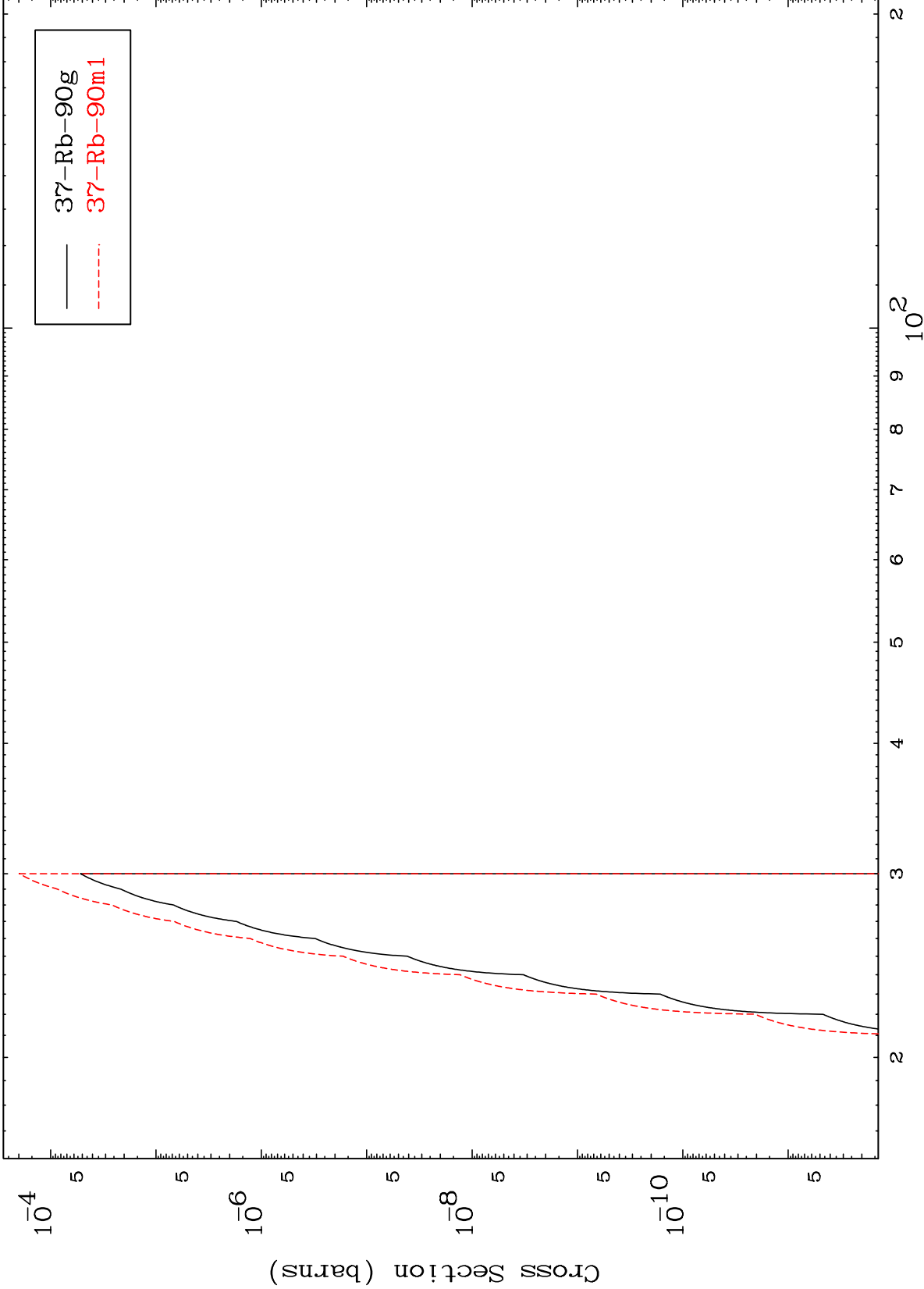
— 39-Y -96g  
- - - 39-Y -96m5

19

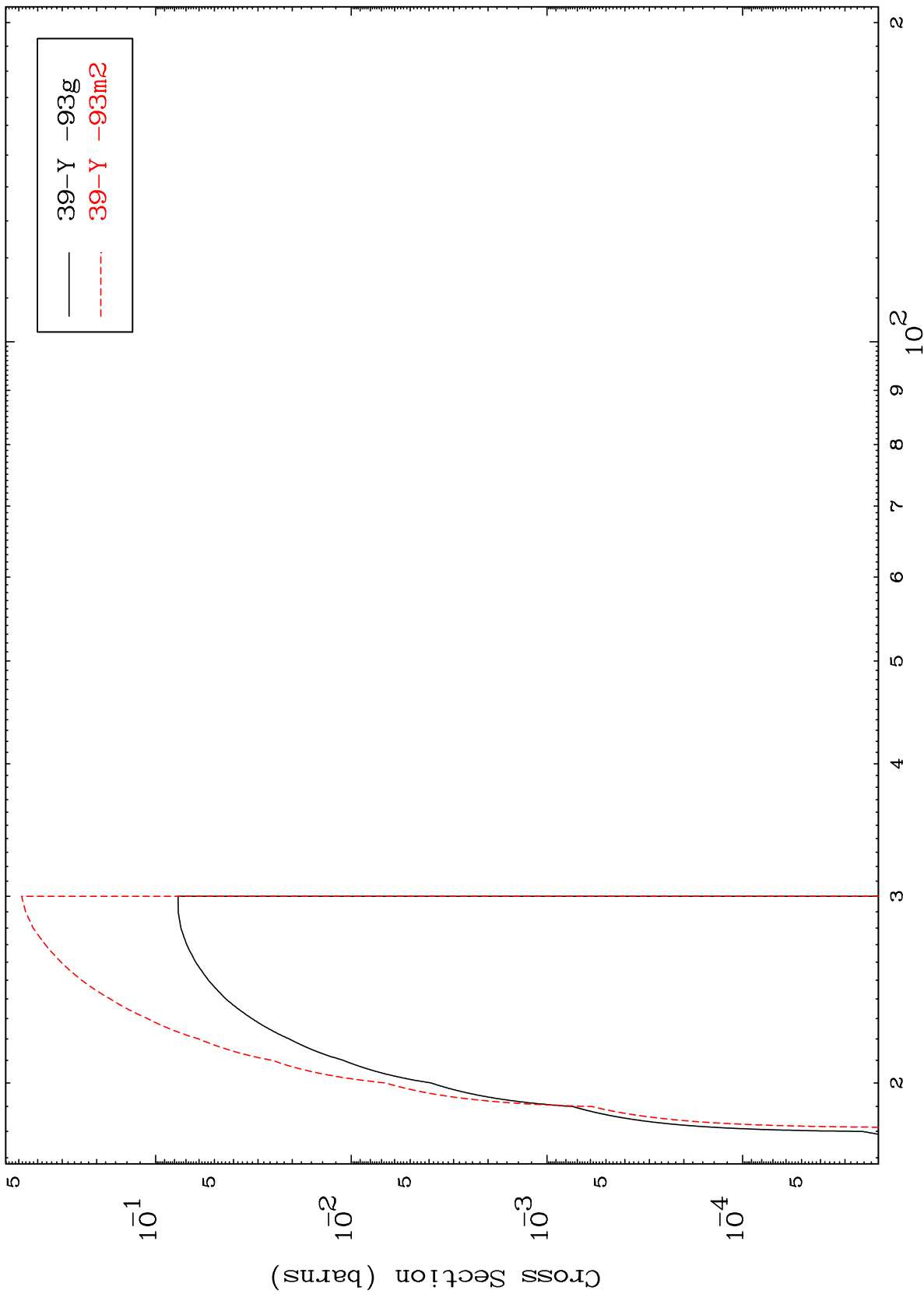
39-Y -96

Incident Energy (MeV)

Radionuclide Production Cross Section



(n,4n)  
Radionuclide Production Cross Section



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39-Y -96

$(n,\gamma)$   
Radionuclide Production Cross Section

