

Program EVALPLOT  
(Version 2018-1)

by

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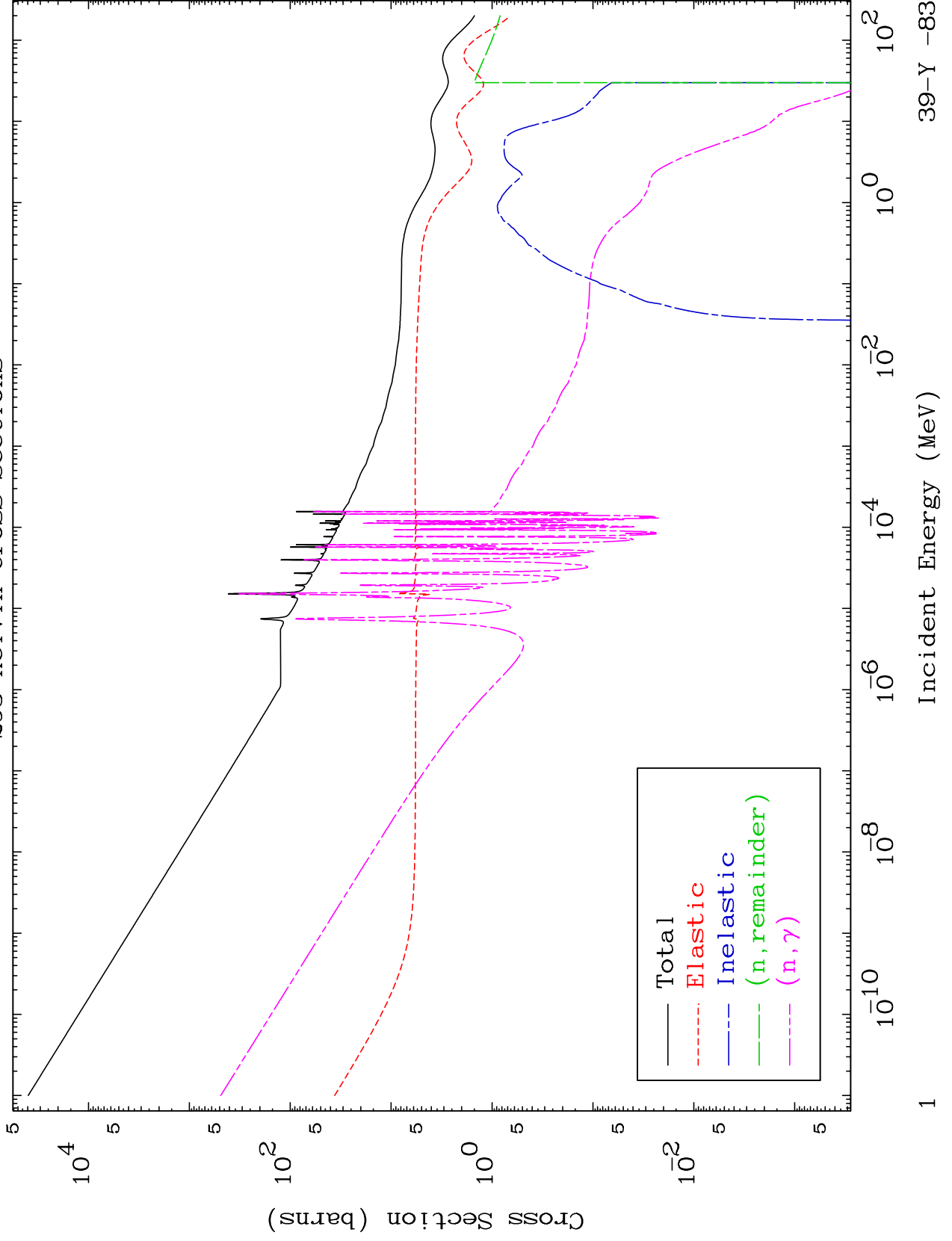
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Press Mouse Button to Start

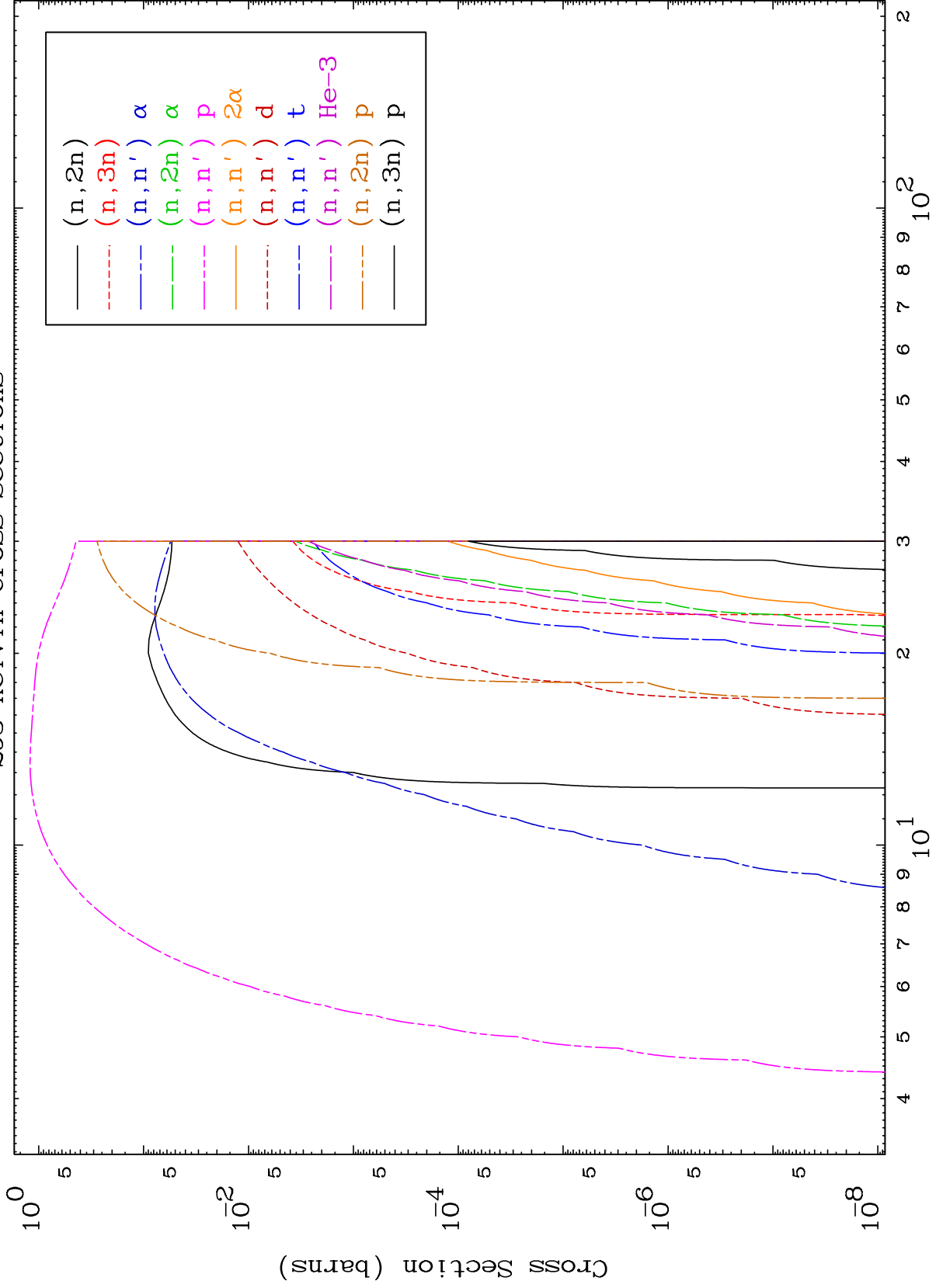
MAT 3908

Major  
293 Kelvin Cross Sections

39-Y -83



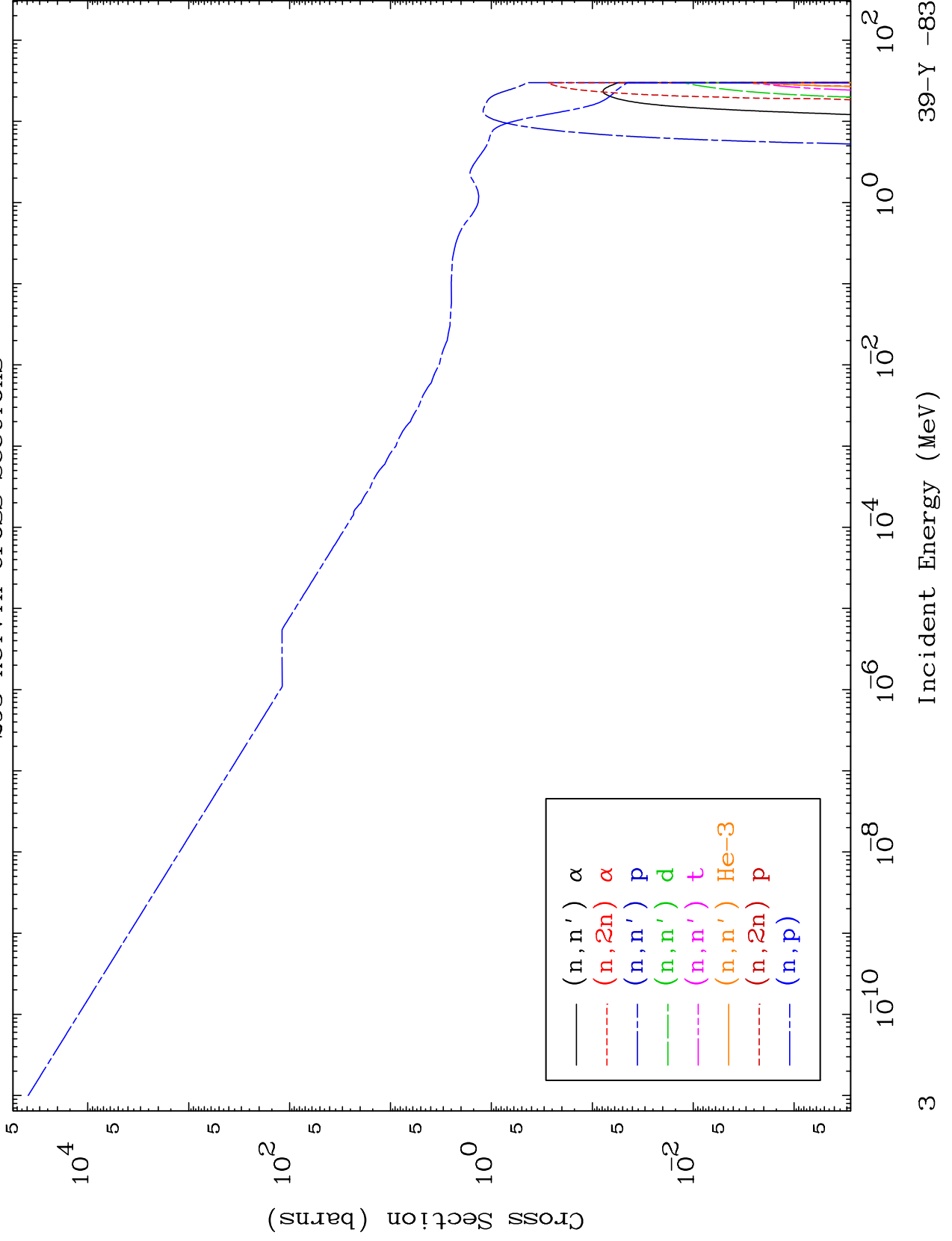
Neutron Production  
293 Kelvin Cross Sections



MAT 3908

Charged Particle  
293 Kelvin Cross Sections

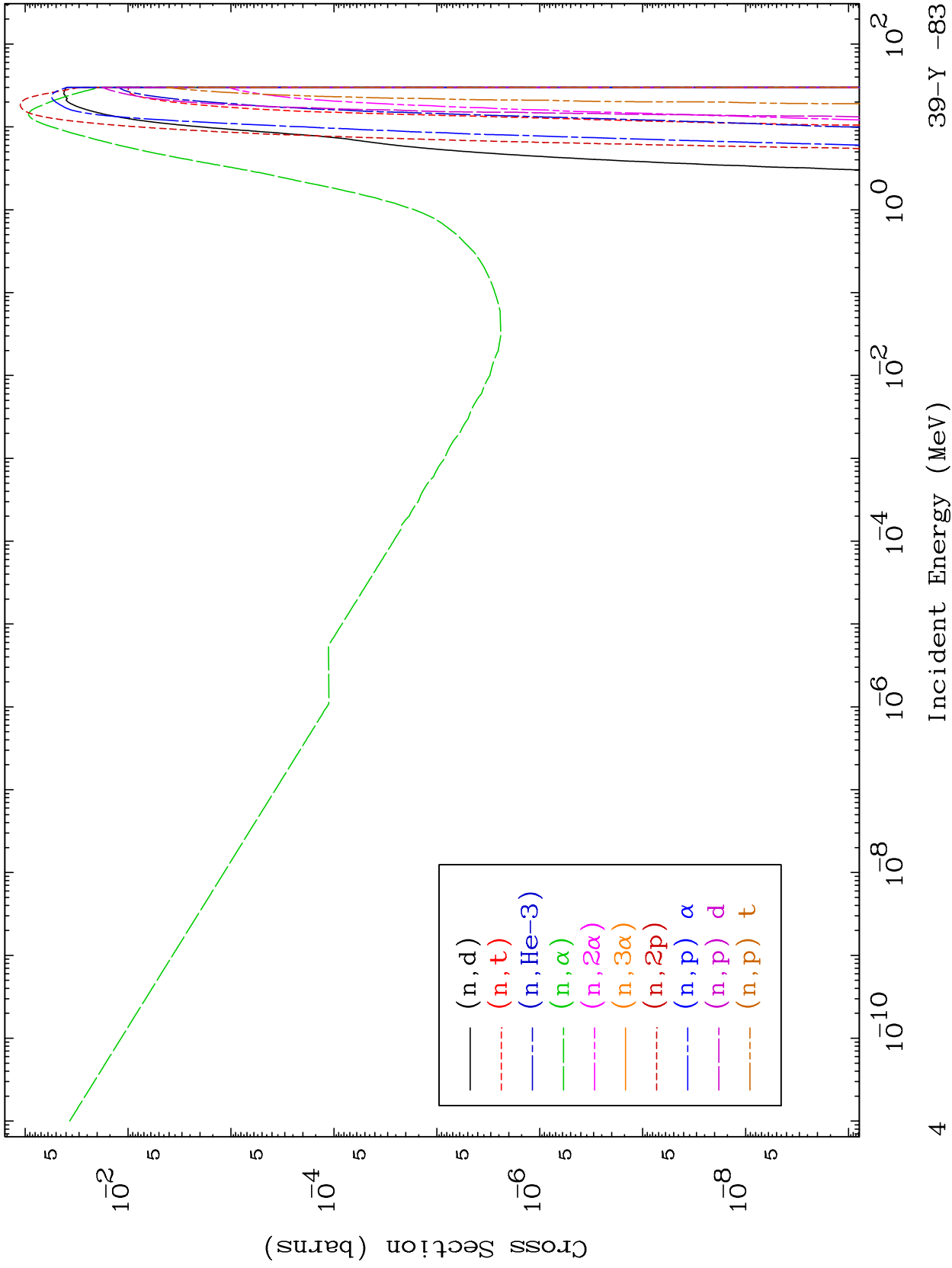
39-Y -83



MAT 3908

Charged Particle  
293 Kelvin Cross Sections

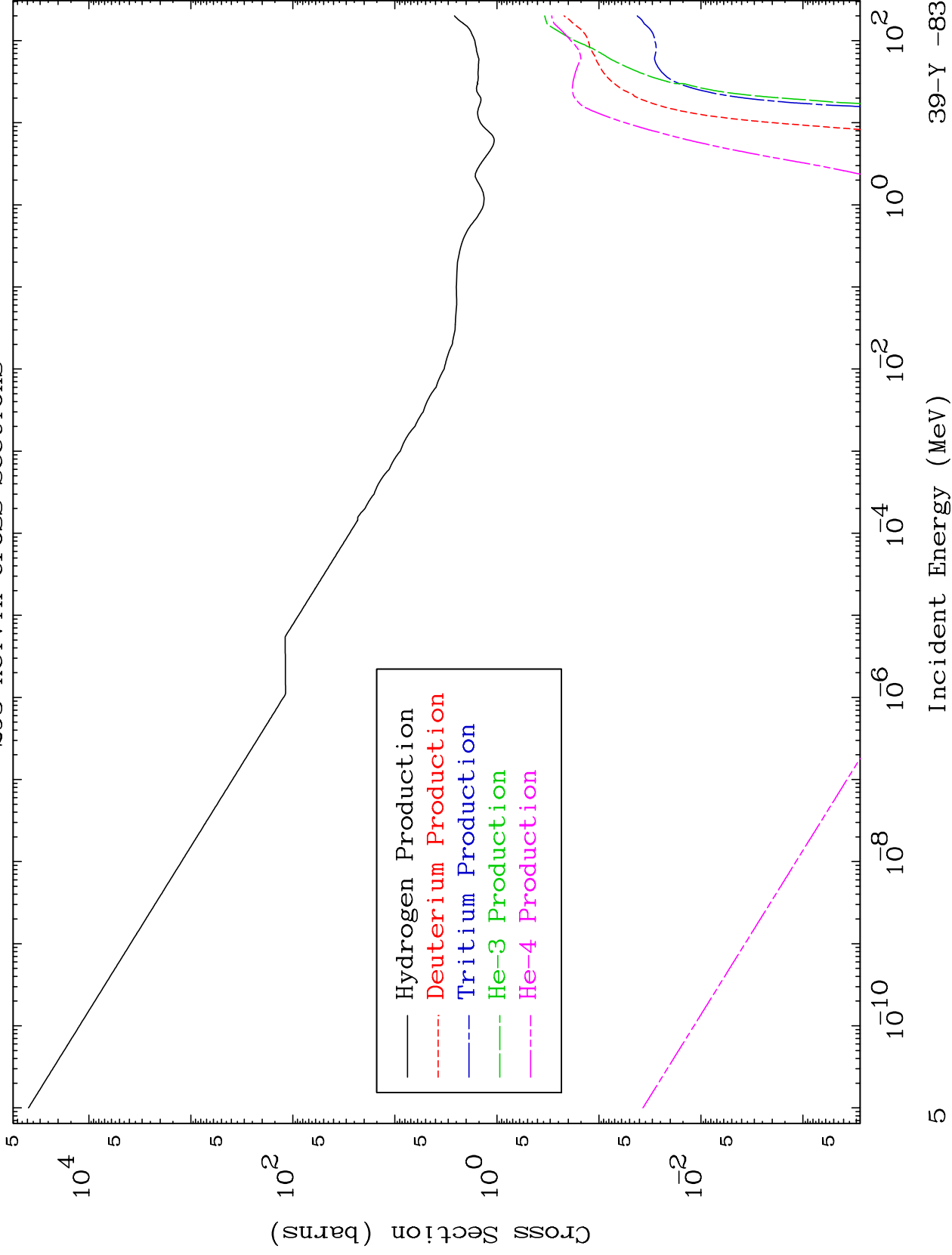
39-Y -83



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Particle Production  
293 Kelvin Cross Sections

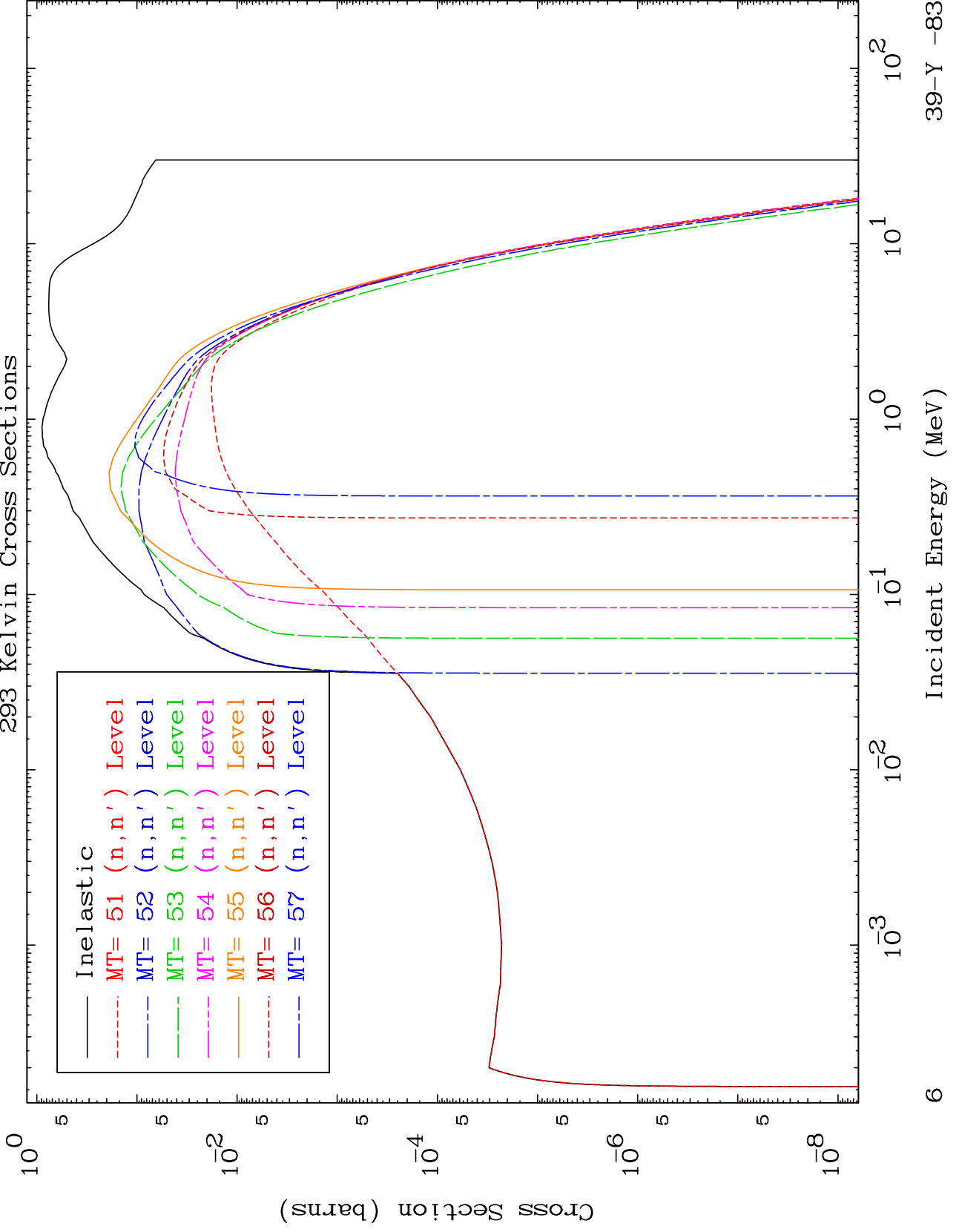
39-Y -83



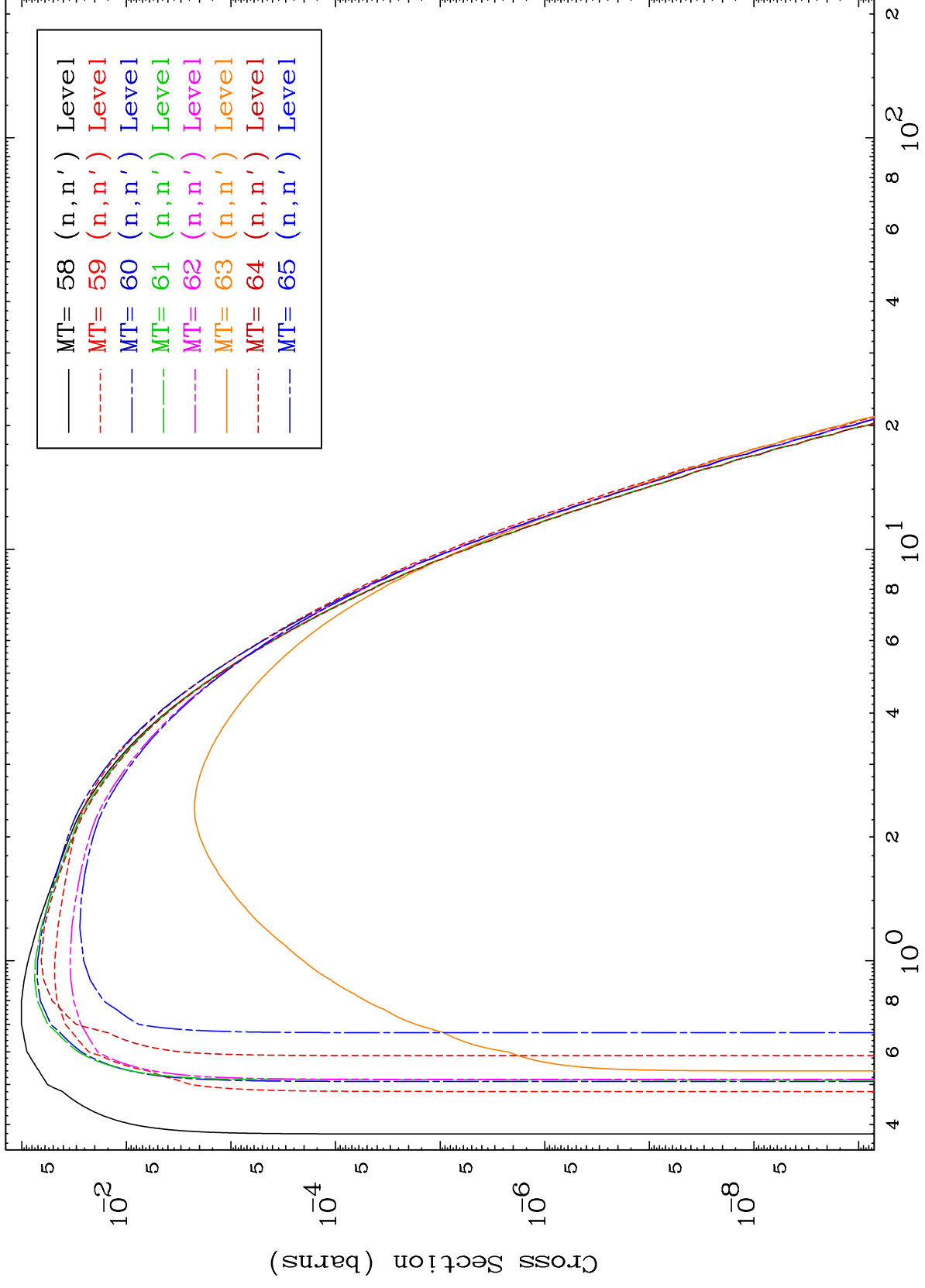
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293 Kelvin Cross Sections

39-Y -83

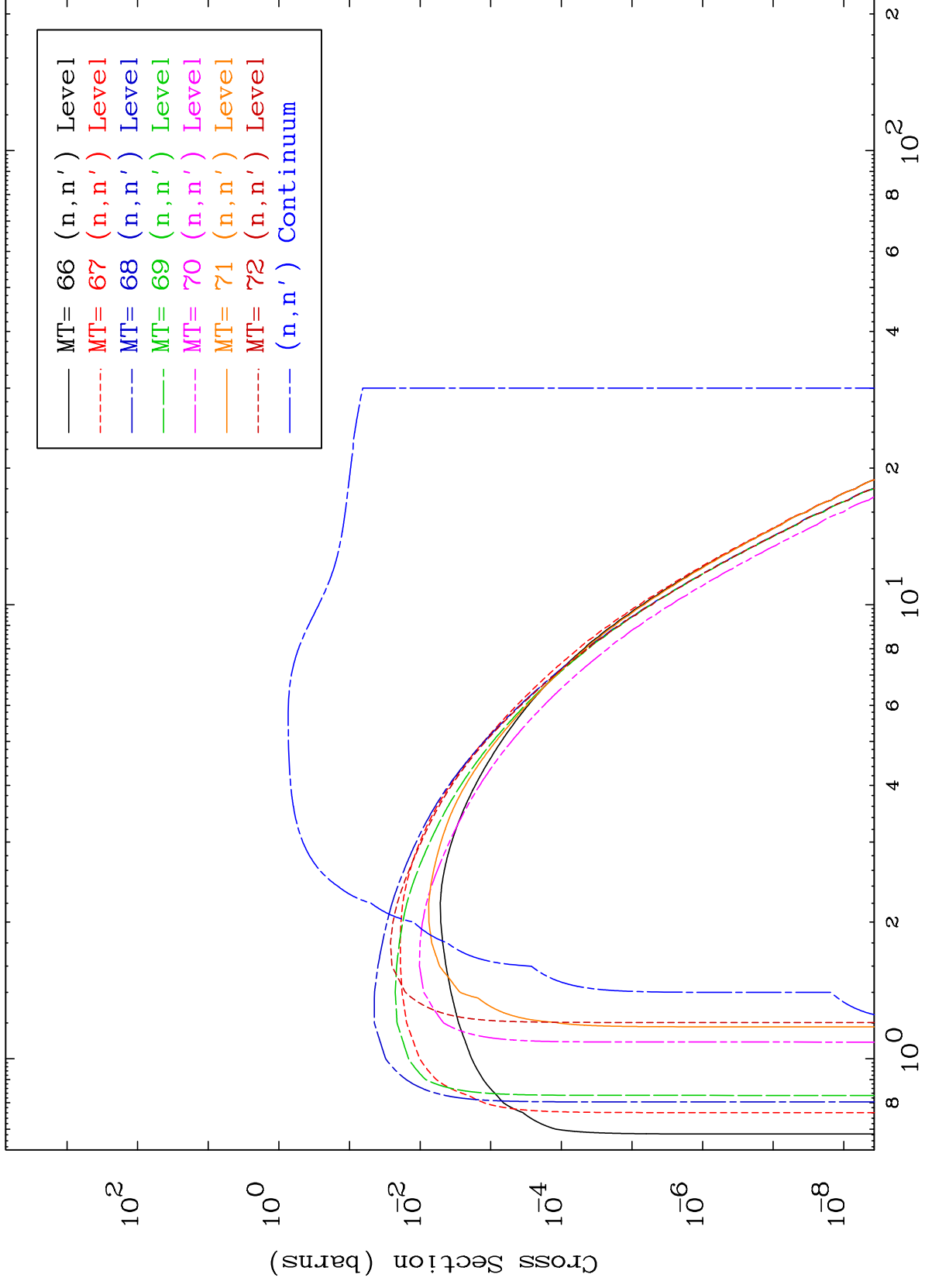


293 Kelvin Cross Sections





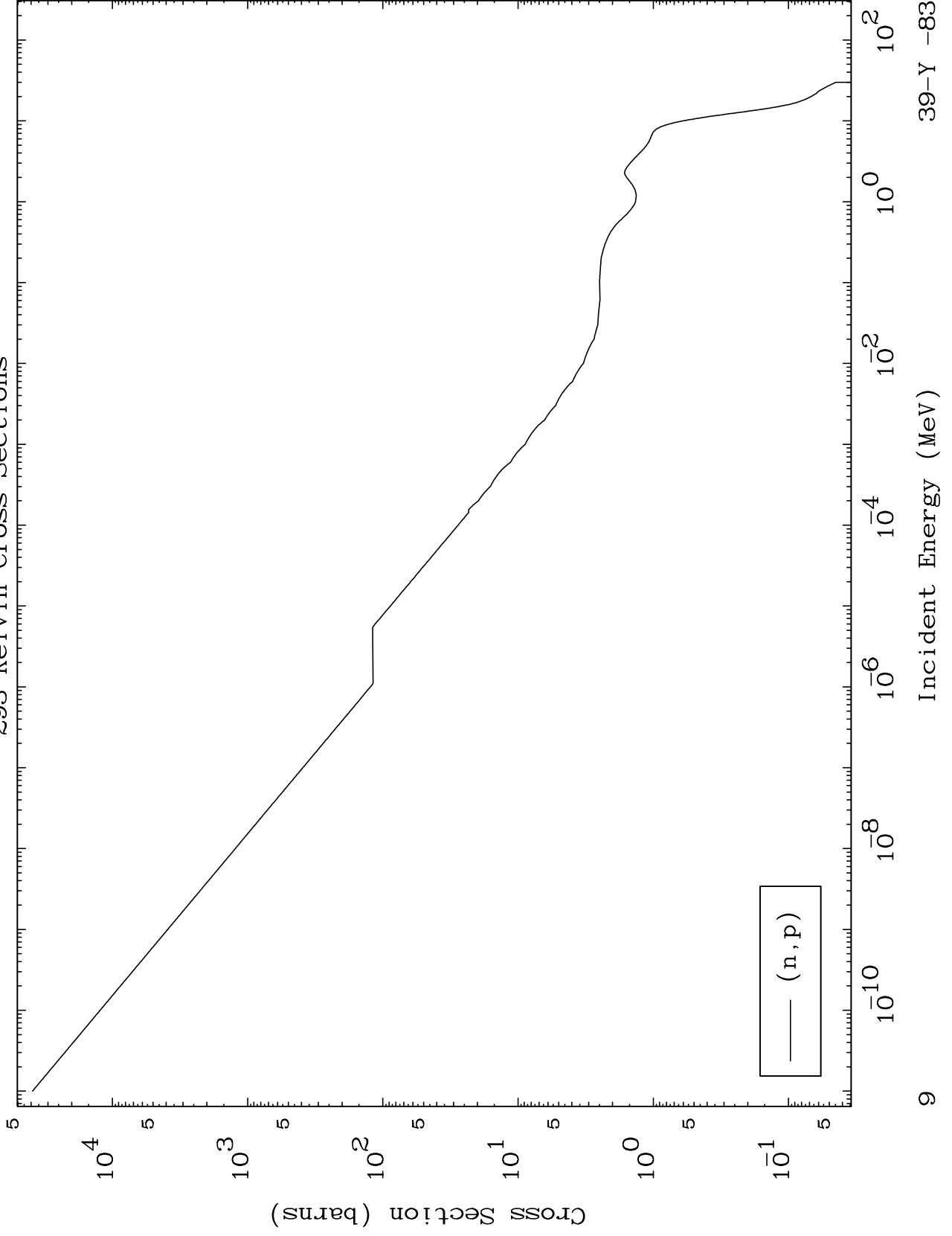
293 Kelvin Cross Sections



MAT 3908

(n,p) Levels  
293 Kelvin Cross Sections

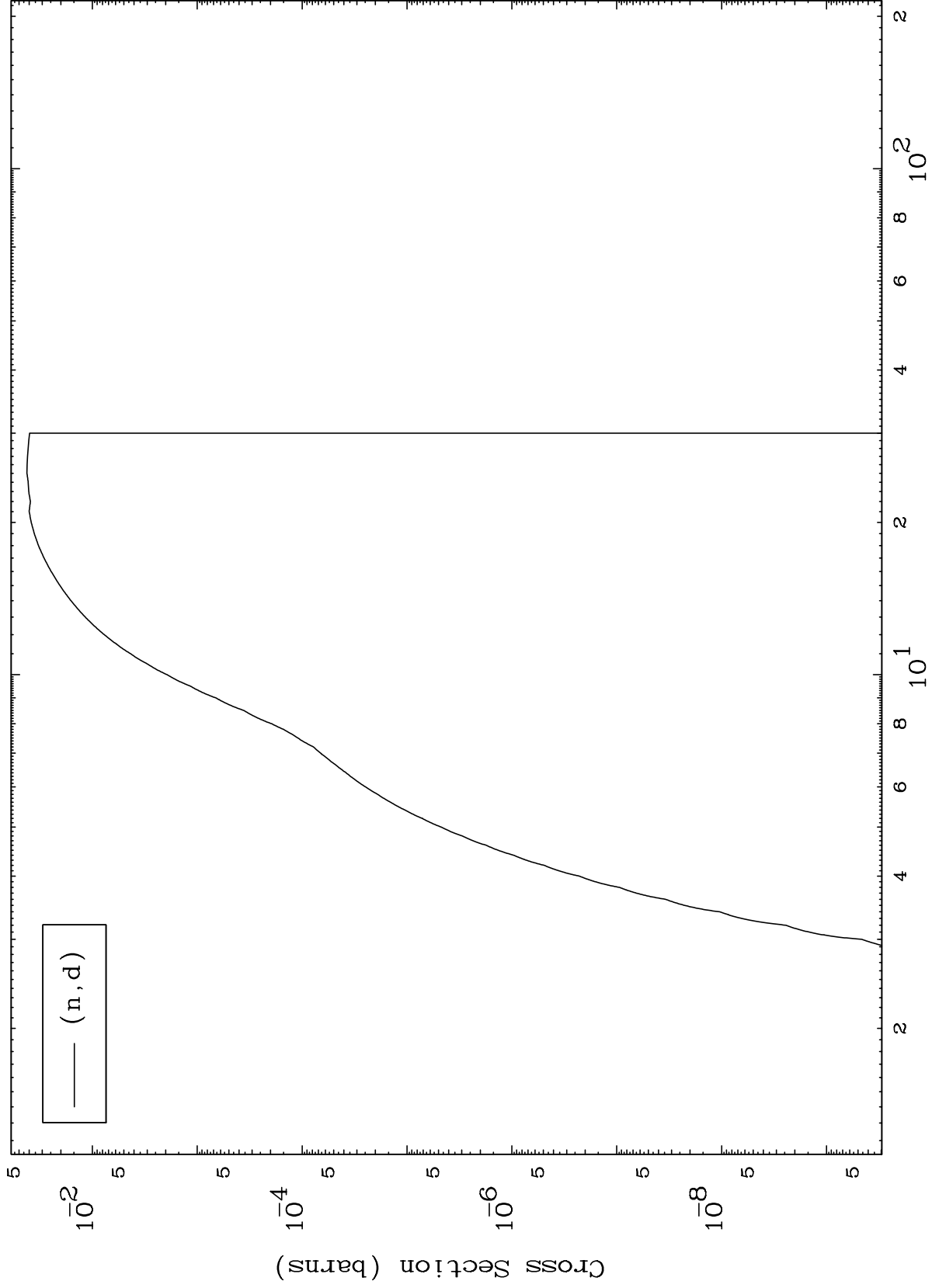
39-Y -83



MAT 3908

(n,d) Levels  
293 Kelvin Cross Sections

39-Y -83



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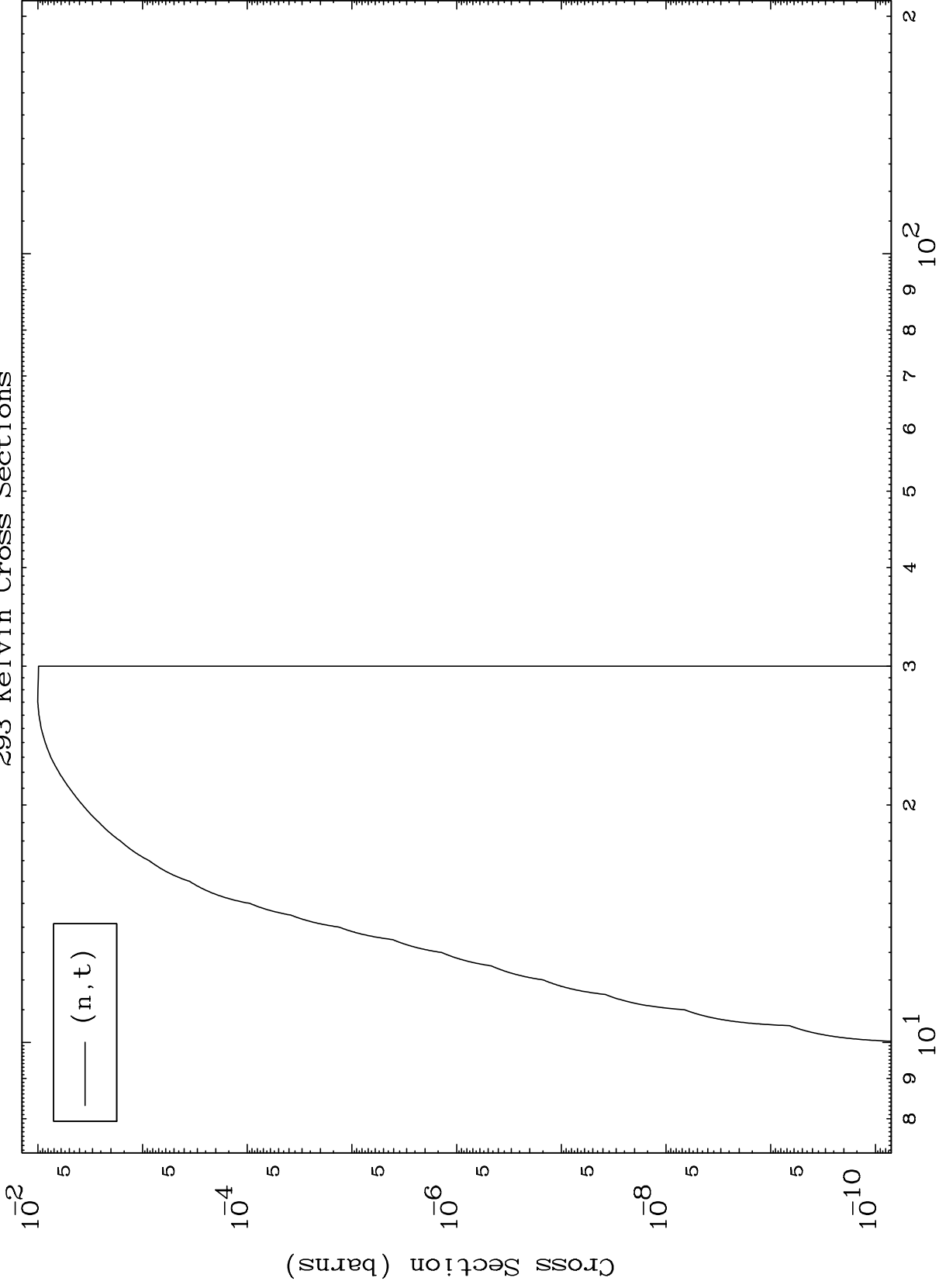
Incident Energy (MeV)

39-Y -83

MAT 3908

(n,t) Levels  
293 Kelvin Cross Sections

39-Y -83



11

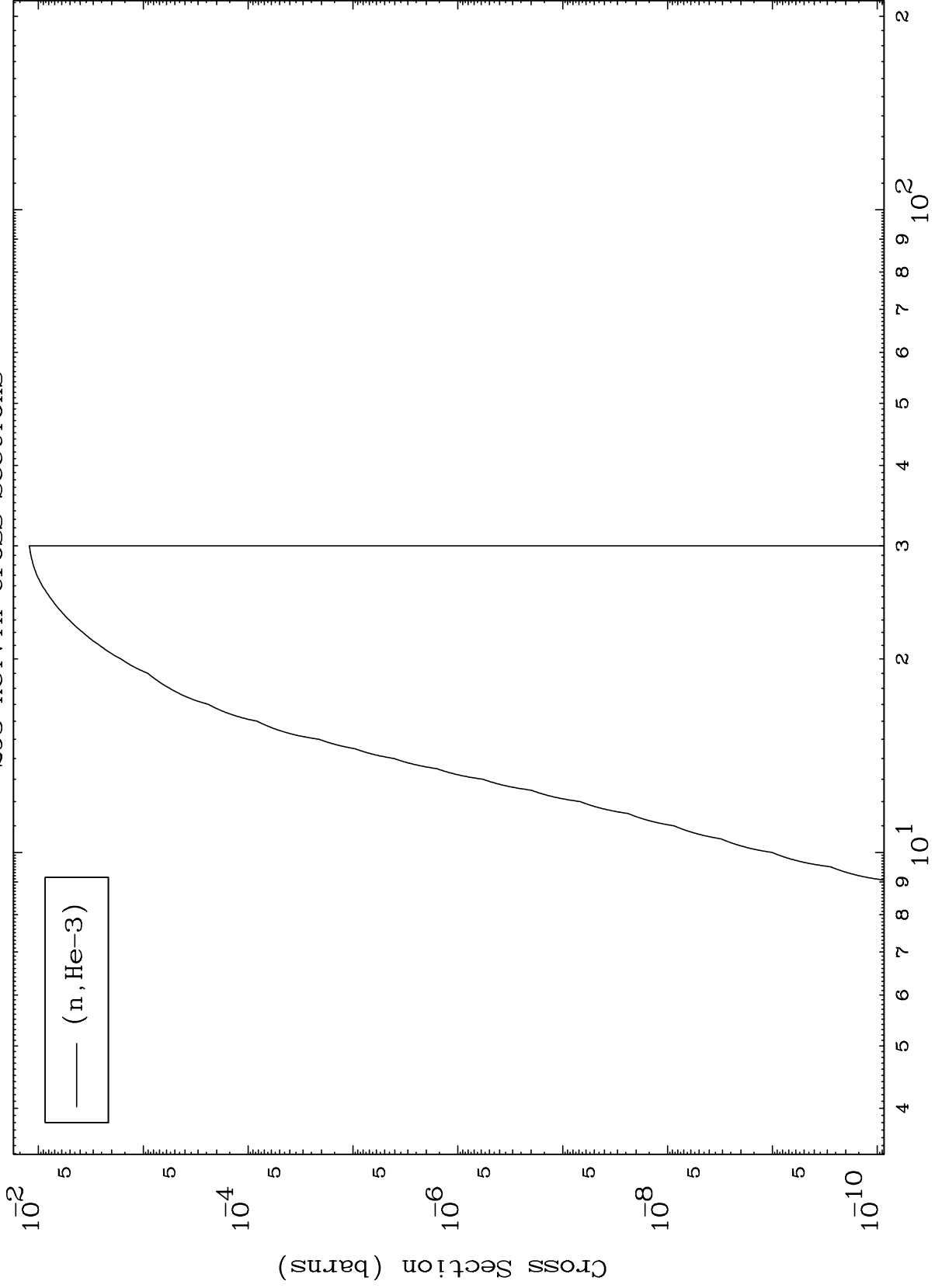
Incident Energy (MeV)

39-Y -83

MAT 3908

(n,He3) Levels  
293 Kelvin Cross Sections

39-Y -83



12

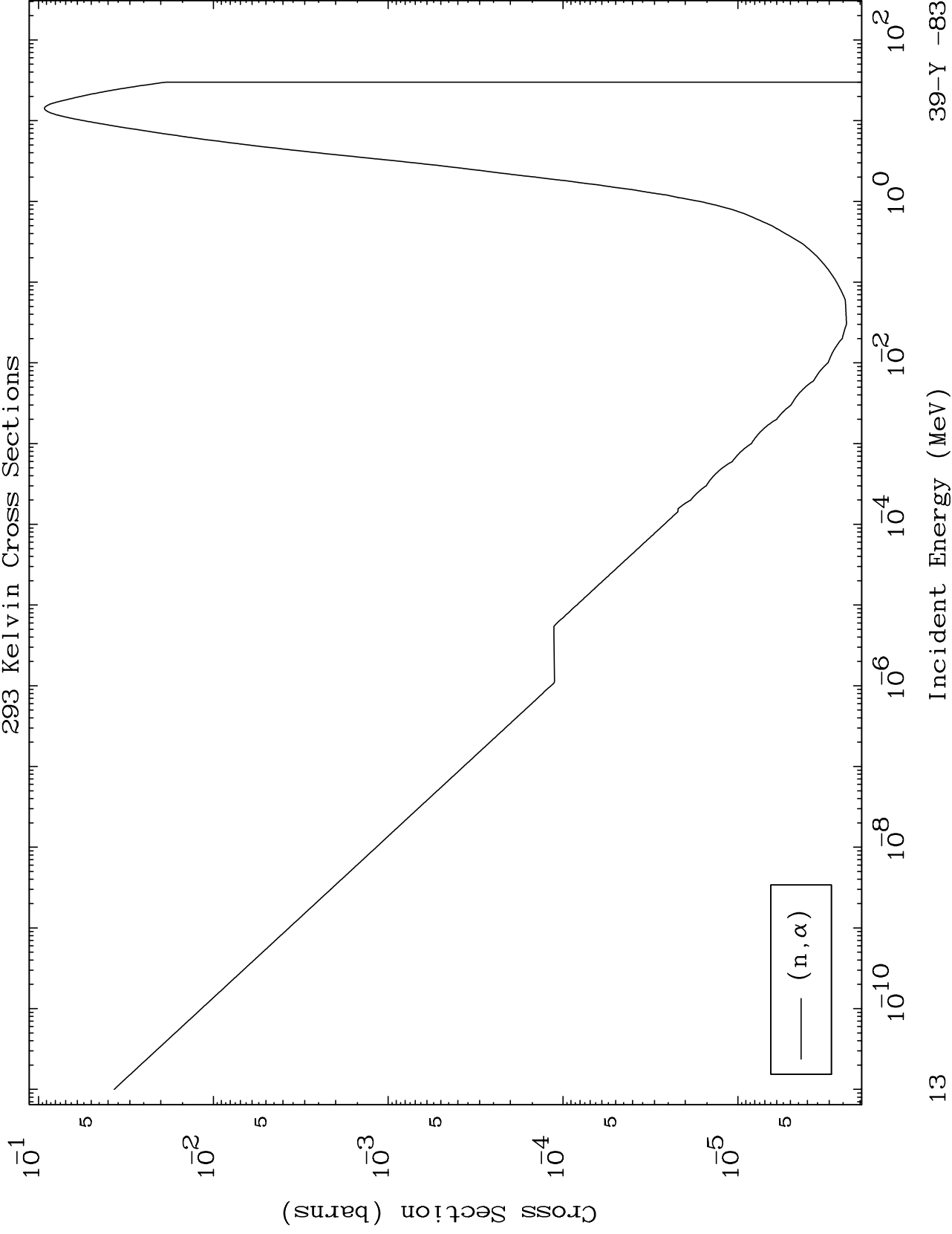
Incident Energy (MeV)

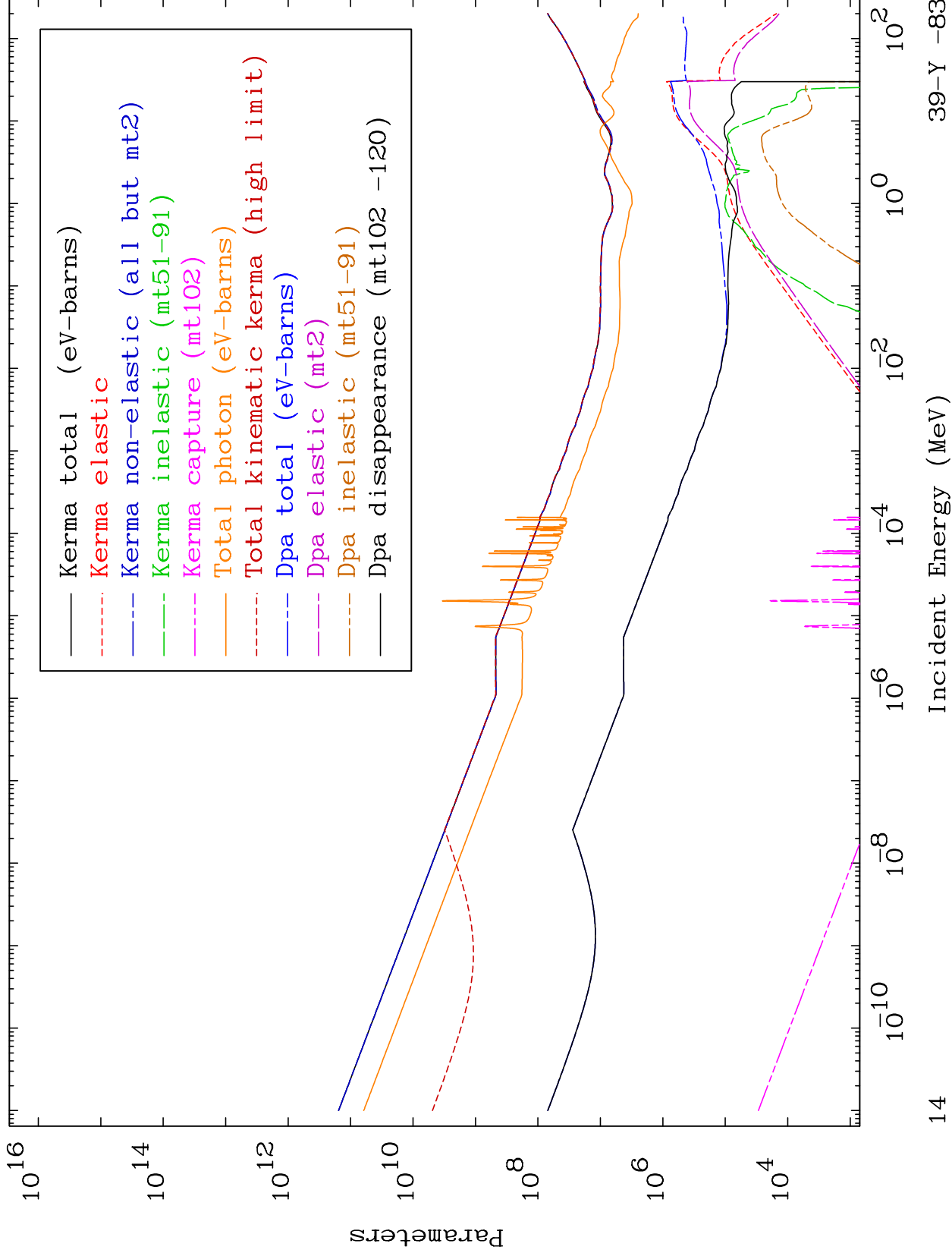
39-Y -83

MAT 3908

(n,α) Levels  
293 Kelvin Cross Sections

39-Y -83





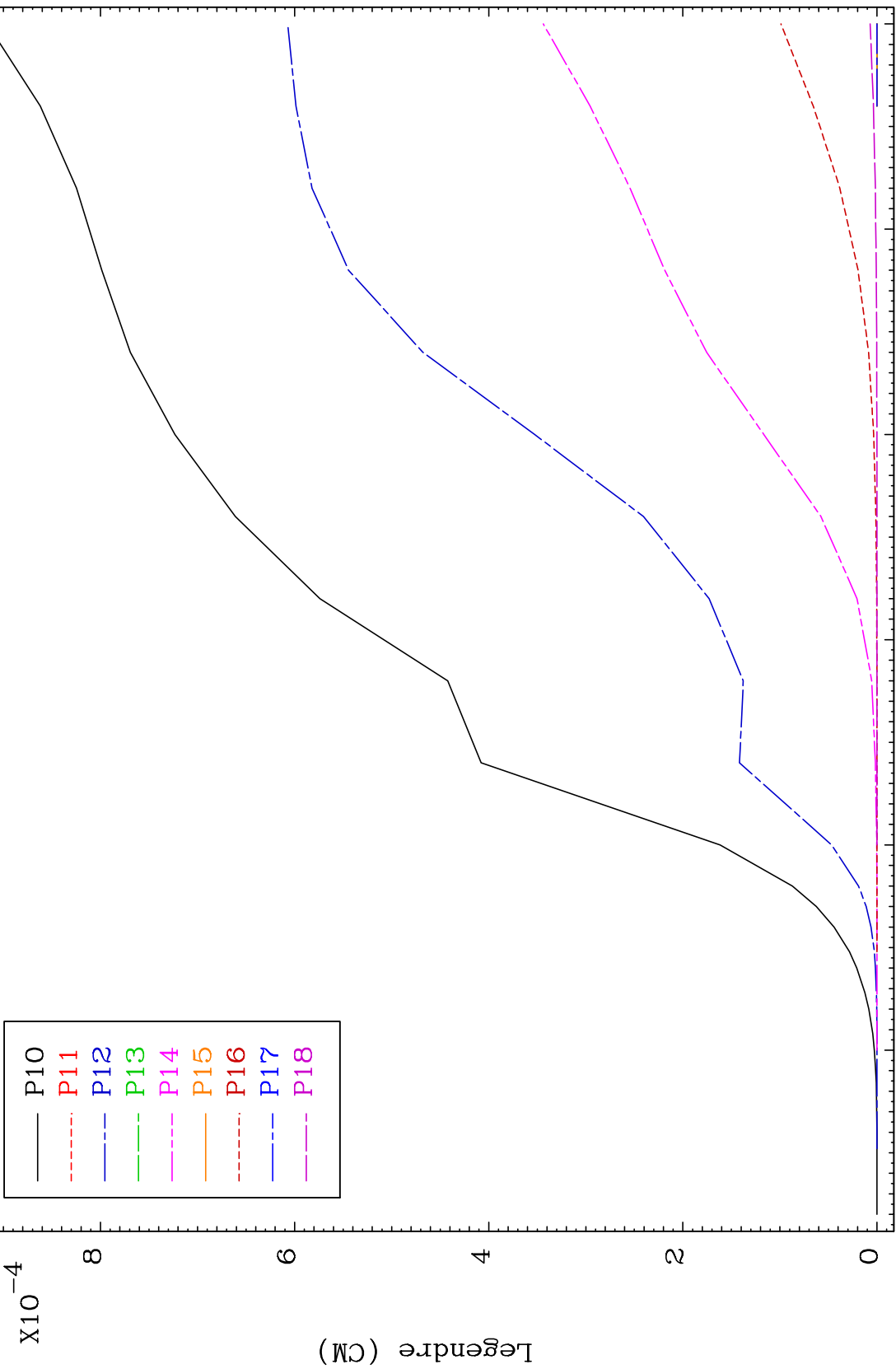
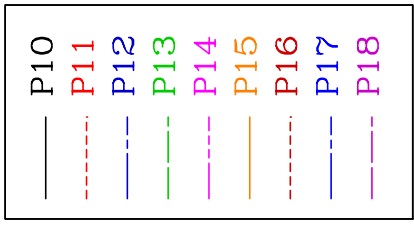




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Elastic Legendre Coefficients

39-Y -83



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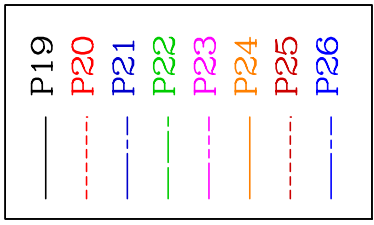
Incident Energy (MeV)

39-Y -83

MAT 3908

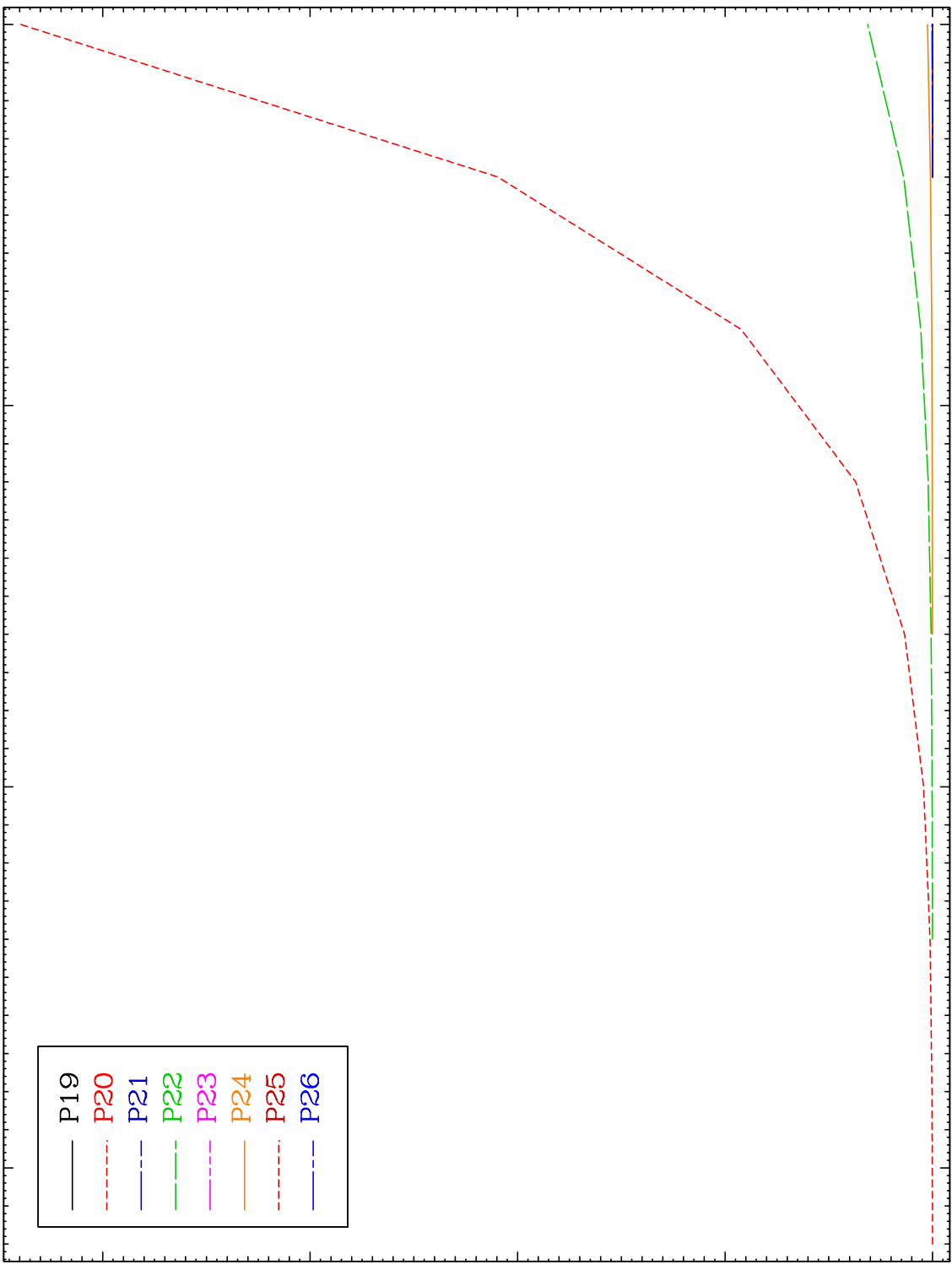
Elastic Legendre Coefficients

39-Y -83



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

17

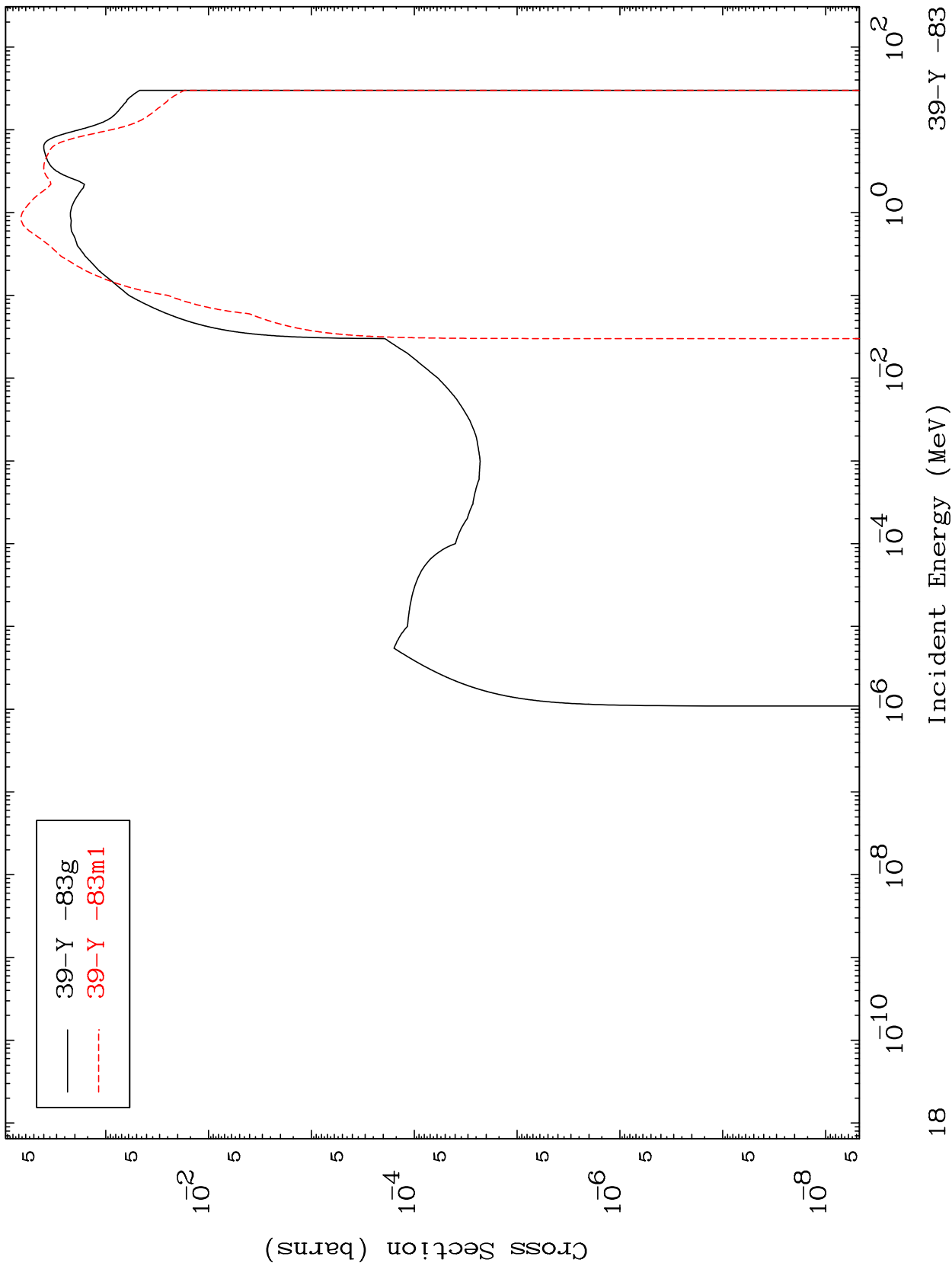
Incident Energy (MeV)

39-Y -83

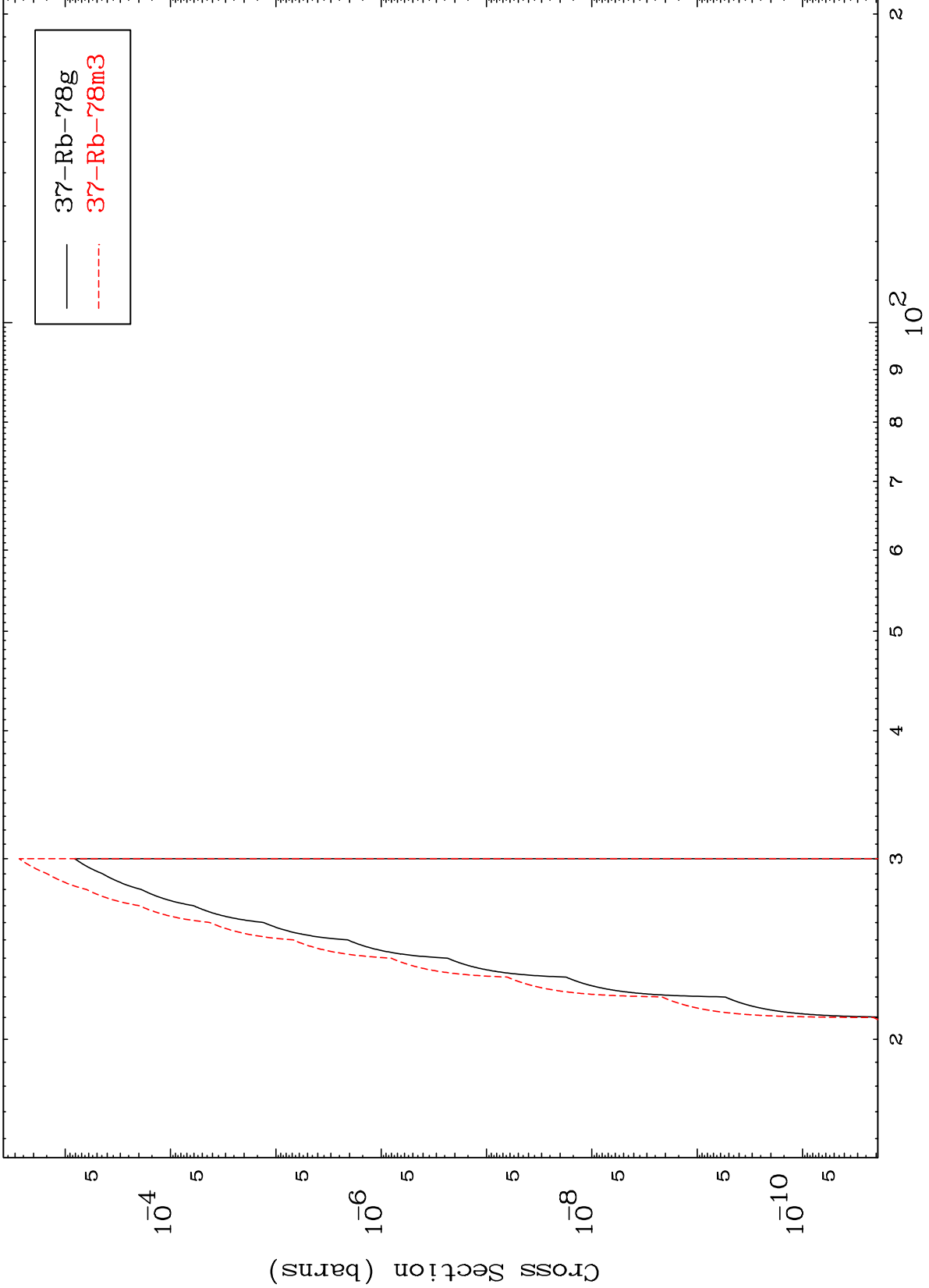
MAT 3908

39-Y -83

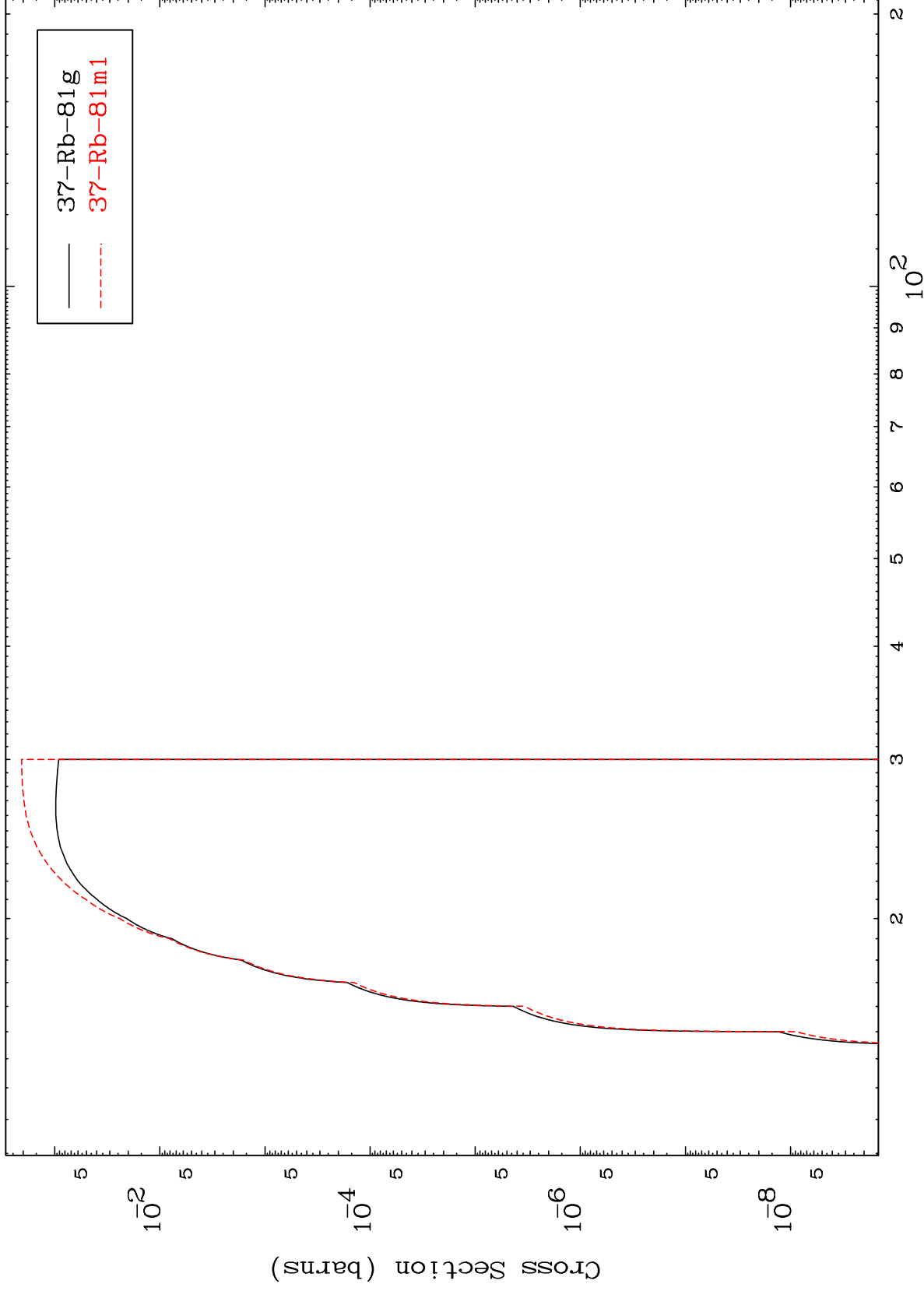
Inelastic  
Radionuclide Production Cross Section



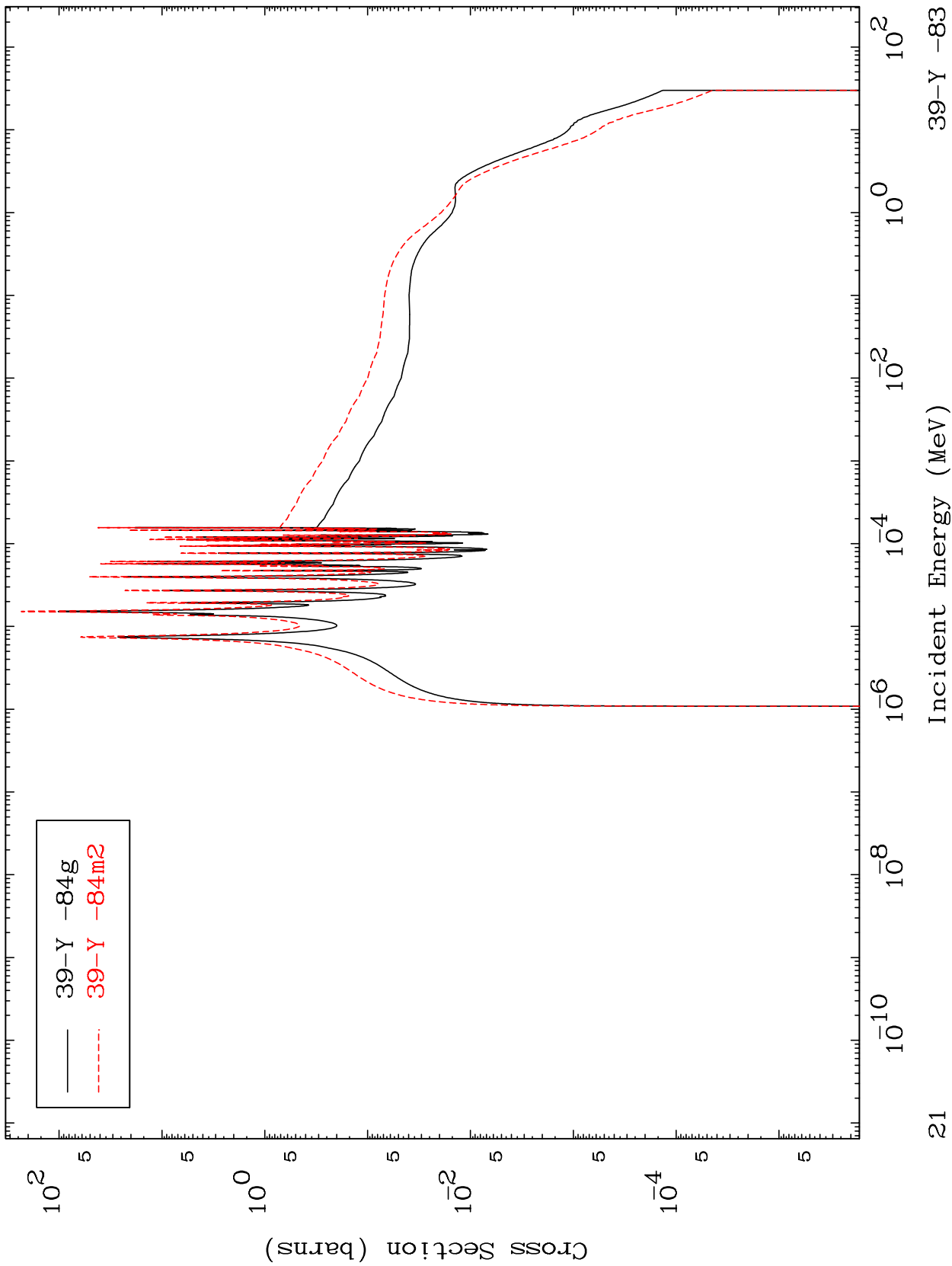
Radionuclide Production Cross Section



Radionuclide Production Cross Section

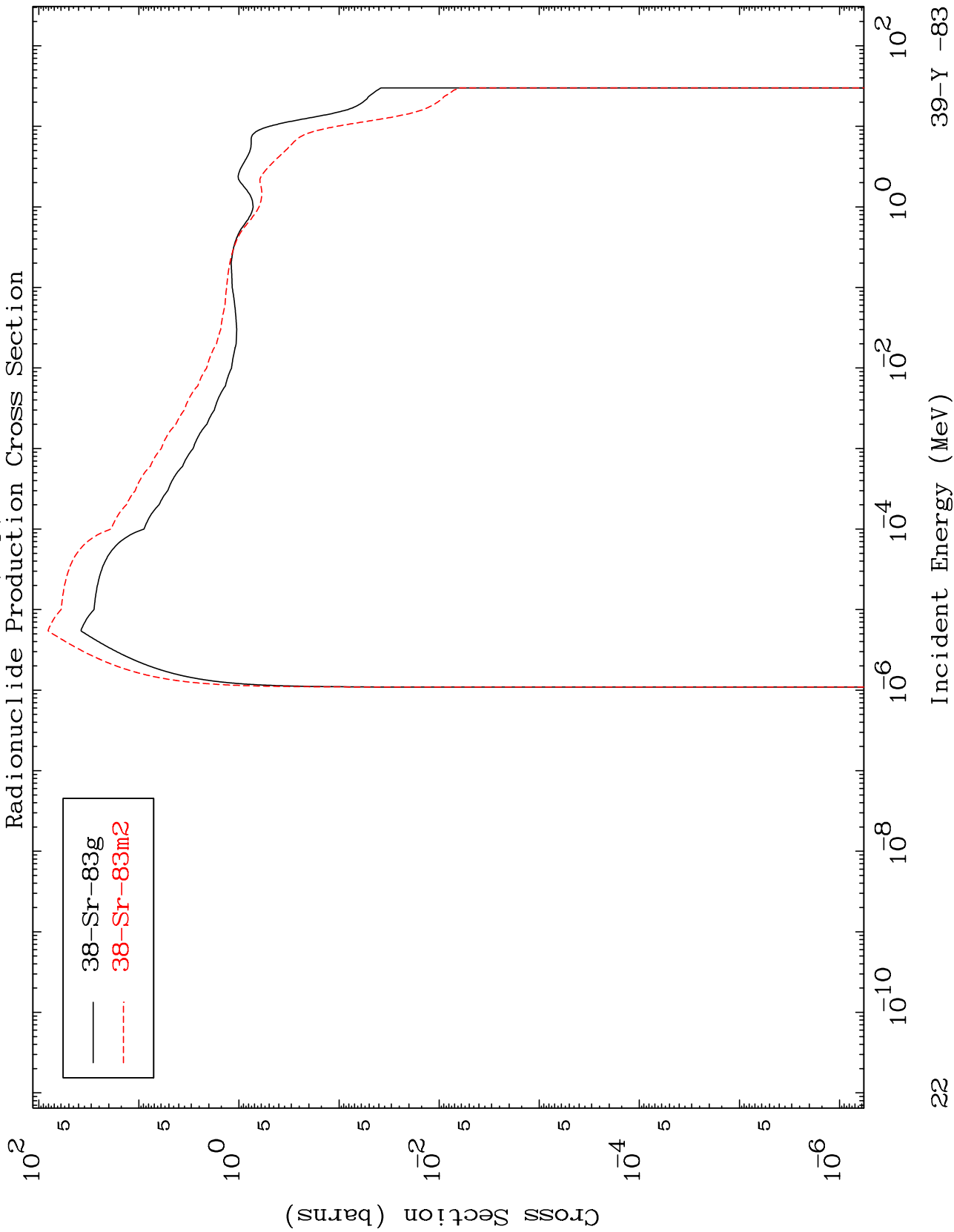


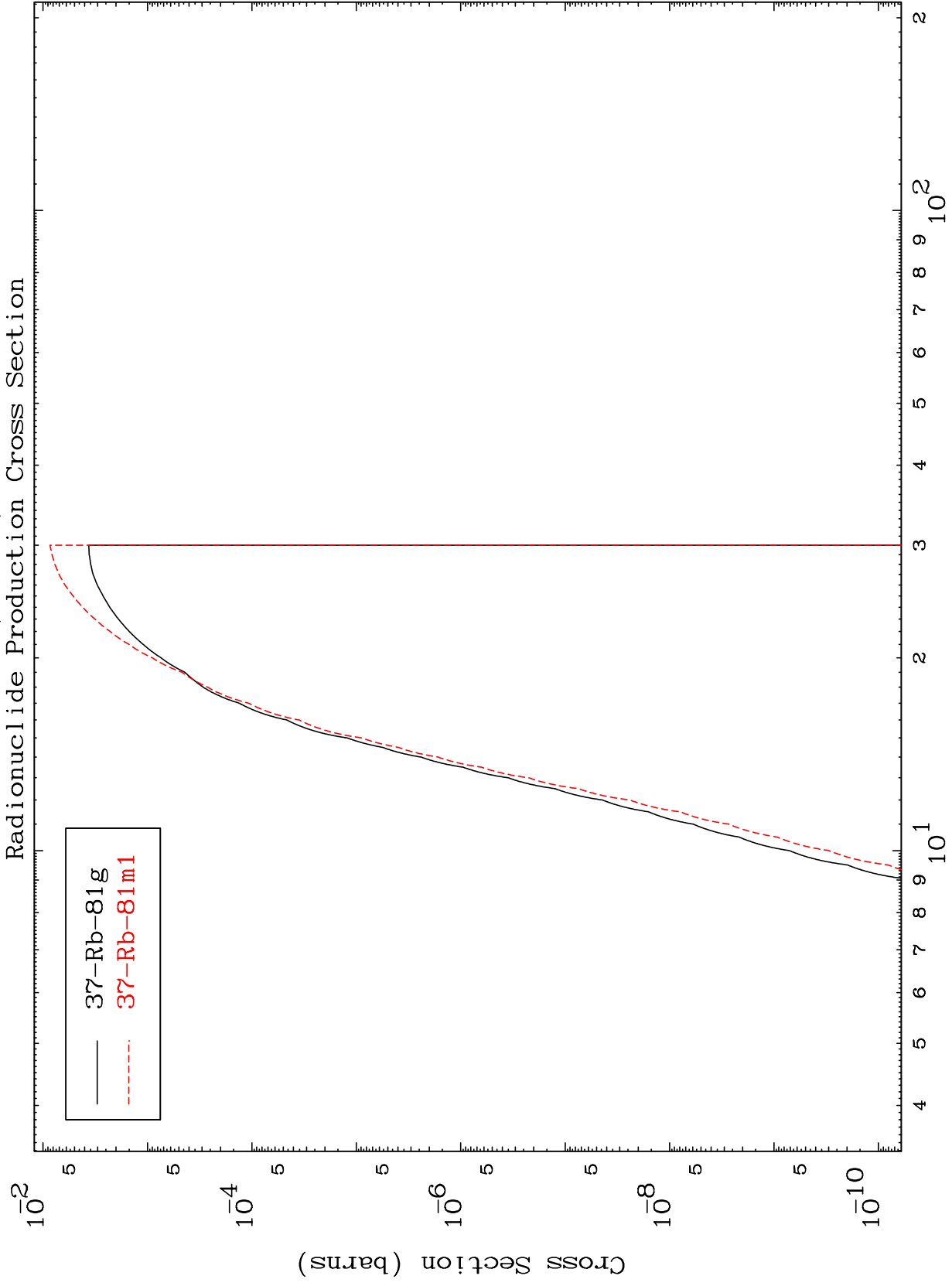
(n,γ)  
Radionuclide Production Cross Section



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39-Y -83





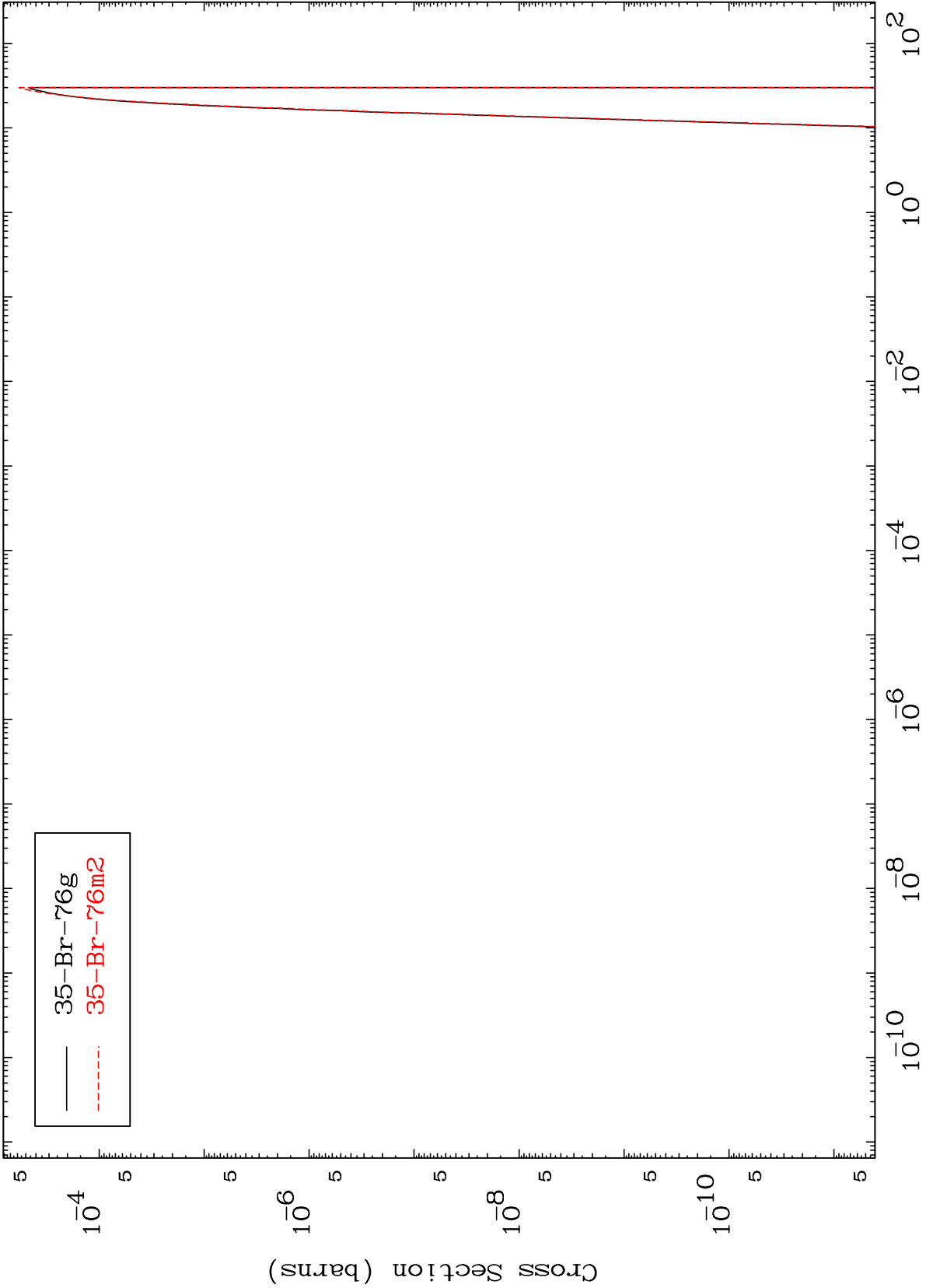


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(n,2α)

39-Y -83

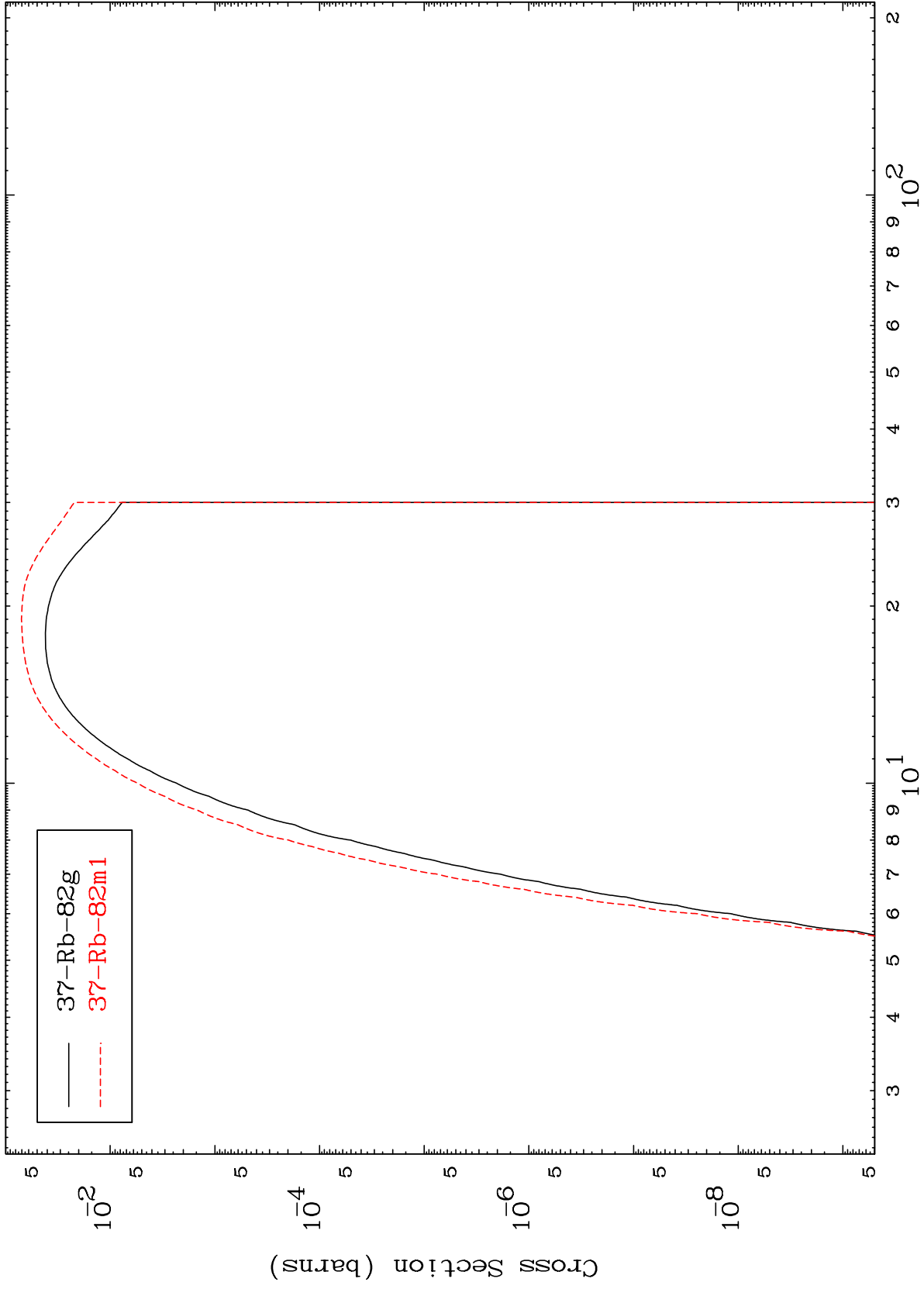
Radionuclide Production Cross Section



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39-Y -83

Radionuclide Production Cross Section (n,2p)



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Incident Energy (MeV)

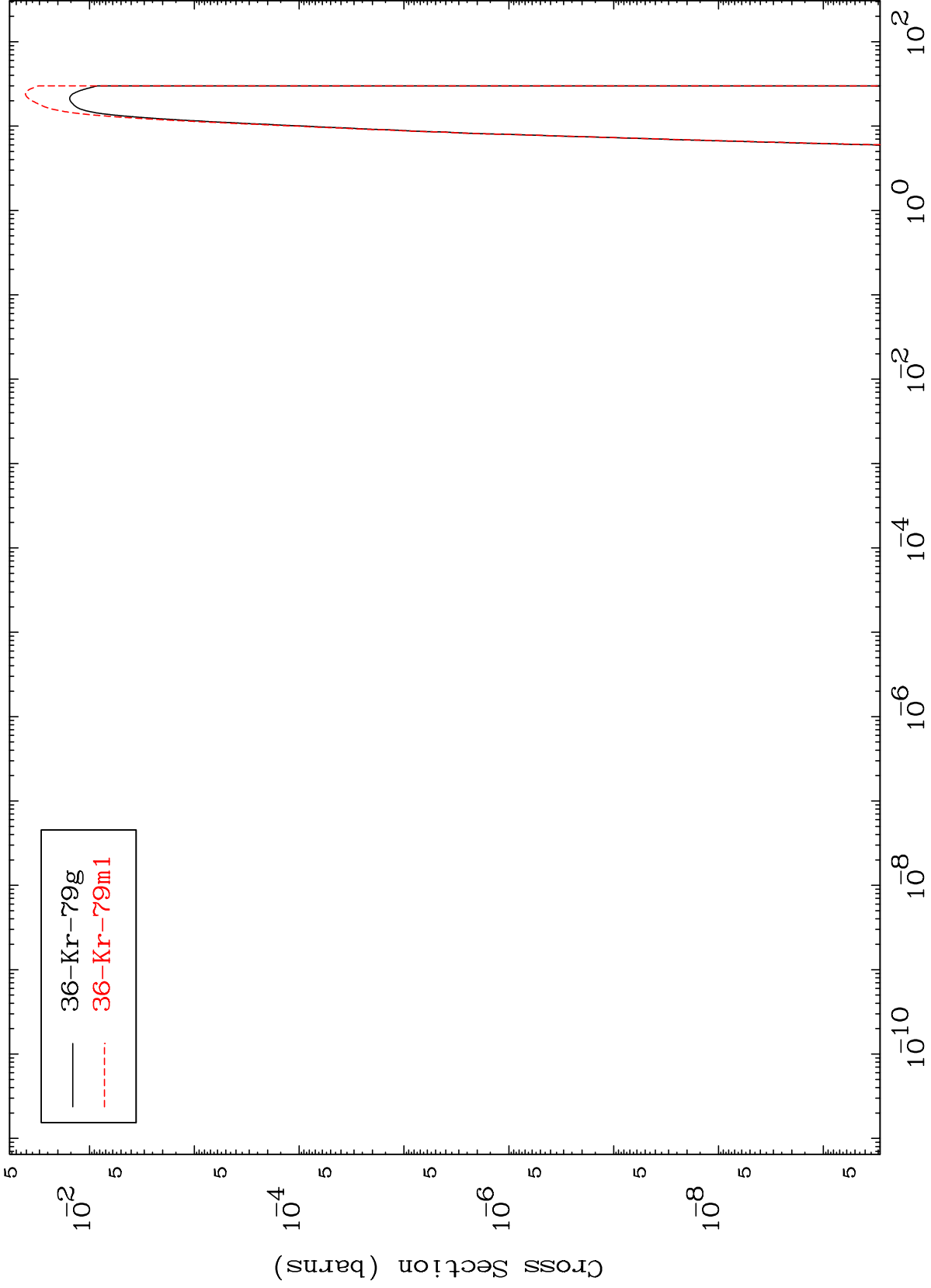
39-Y -83

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(n,p)  $\alpha$

39-Y -83

Radionuclide Production Cross Section



— 36-Kr-79g  
- - - 36-Kr-79m1

26

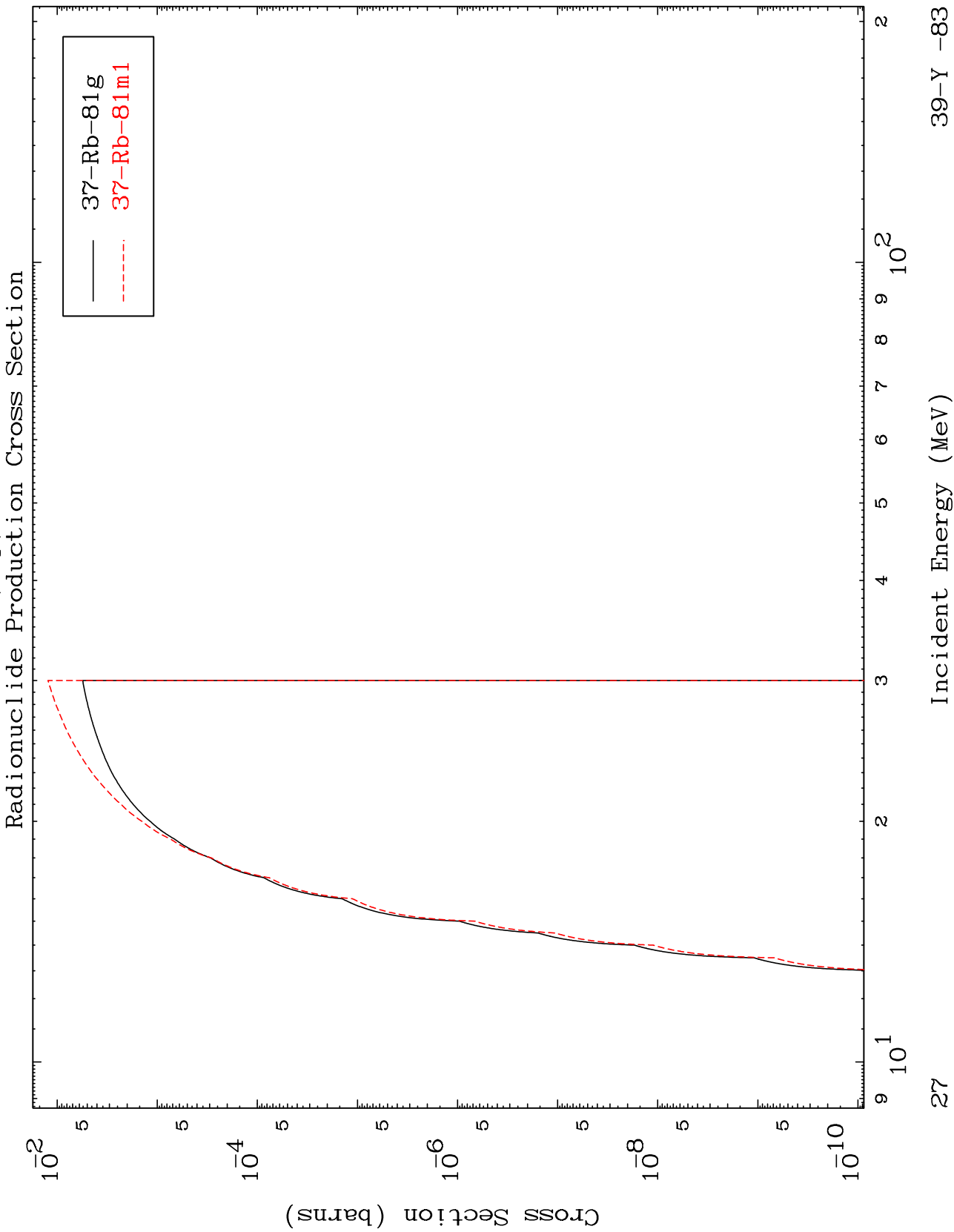
Incident Energy (MeV)

39-Y -83

MAT 3908

(n,p) d

39-Y -83



39-Y -83

Incident Energy (MeV)

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