

Program EVALPLOT
(Version 2017-1)

by

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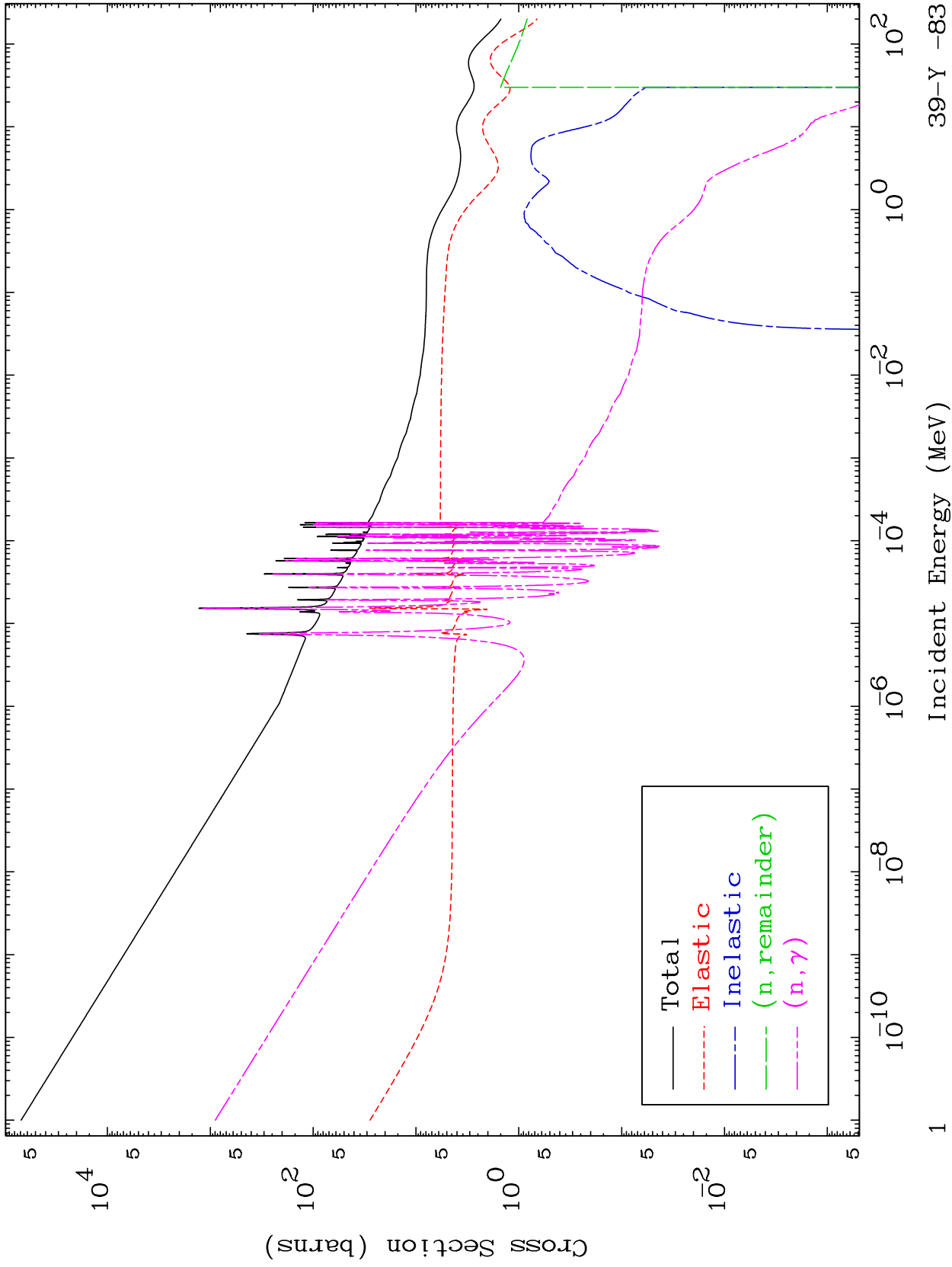
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Press Mouse Button to Start

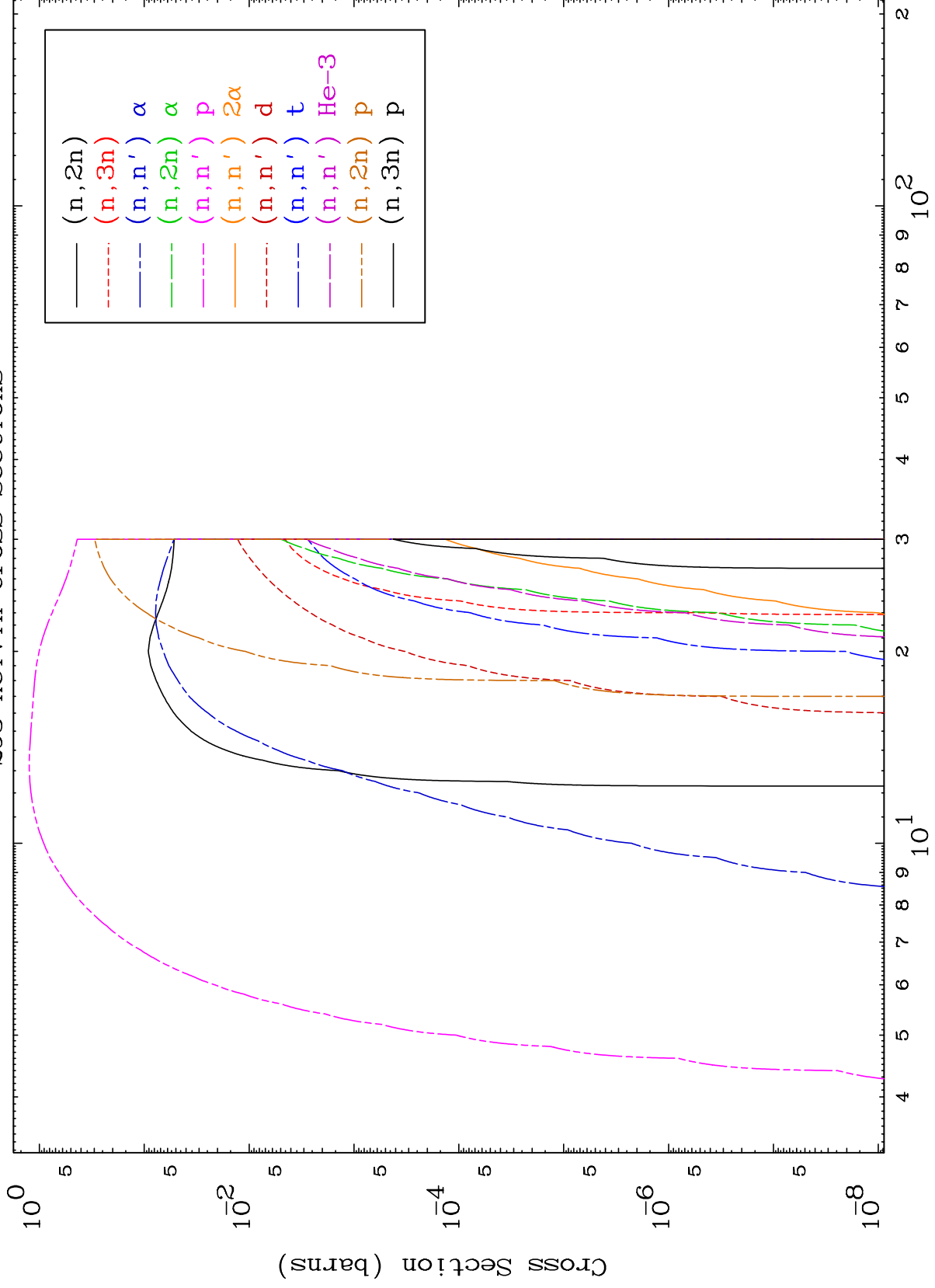
MAT 3908

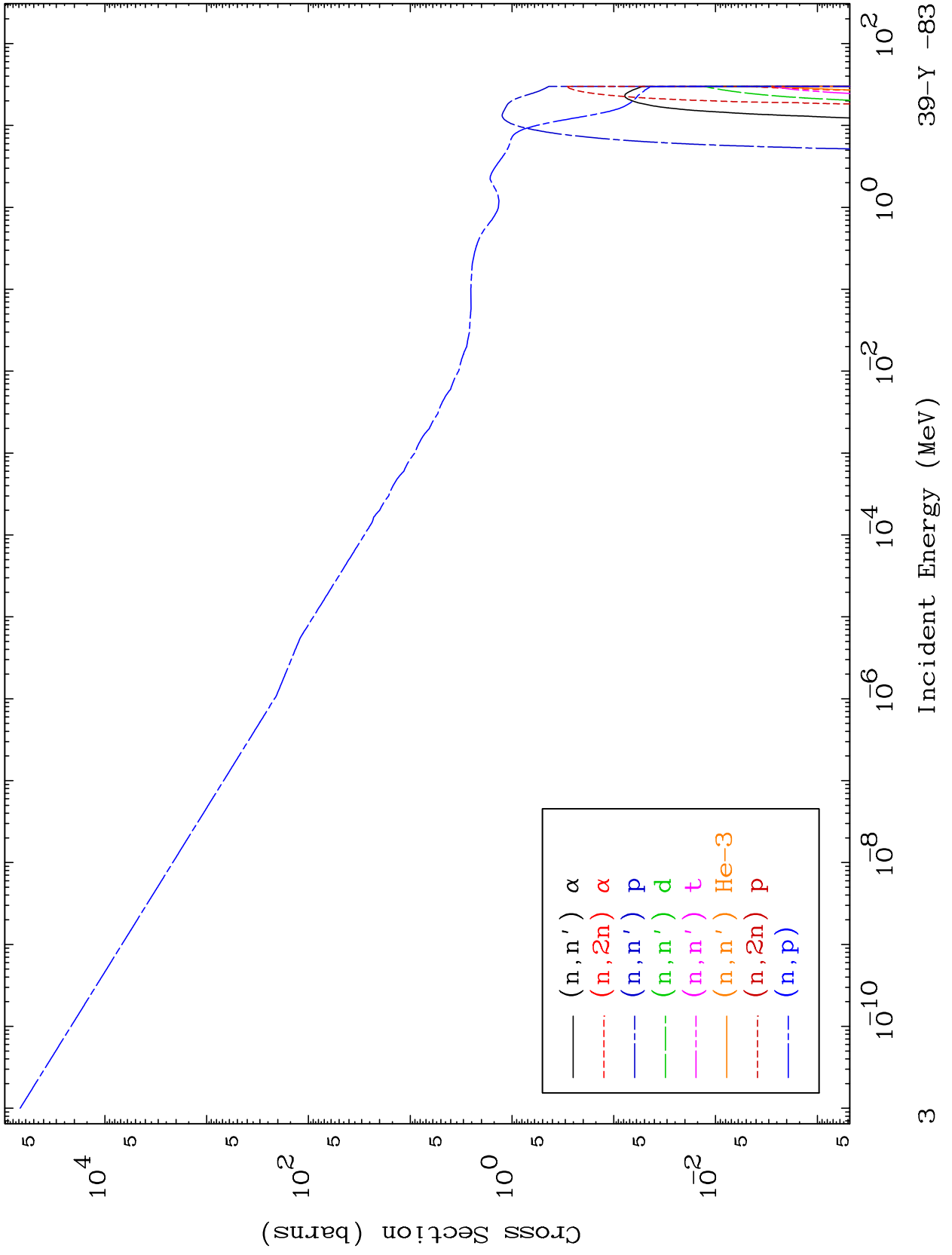
Major
293 Kelvin Cross Sections

39-Y -83



Neutron Production
293 Kelvin Cross Sections

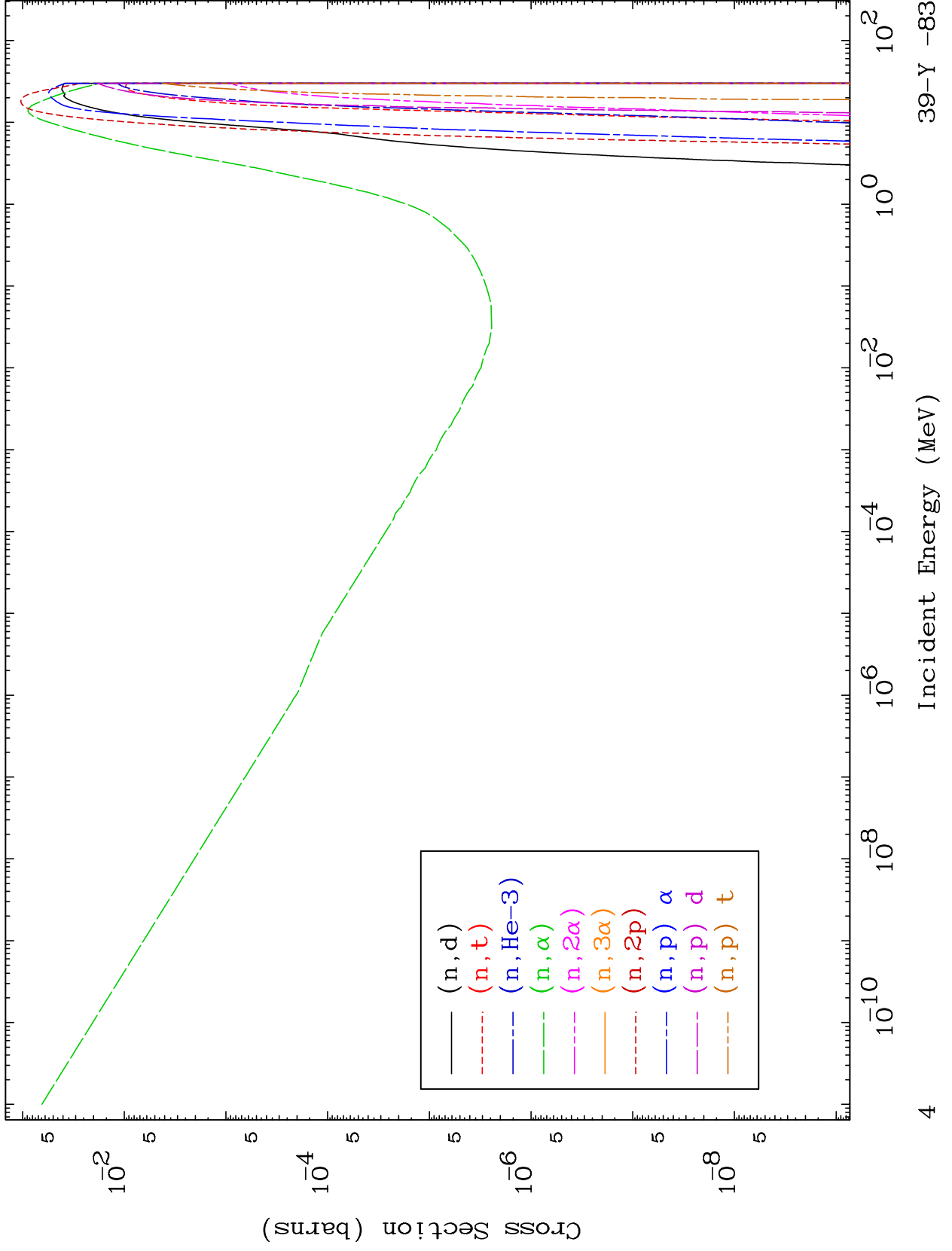


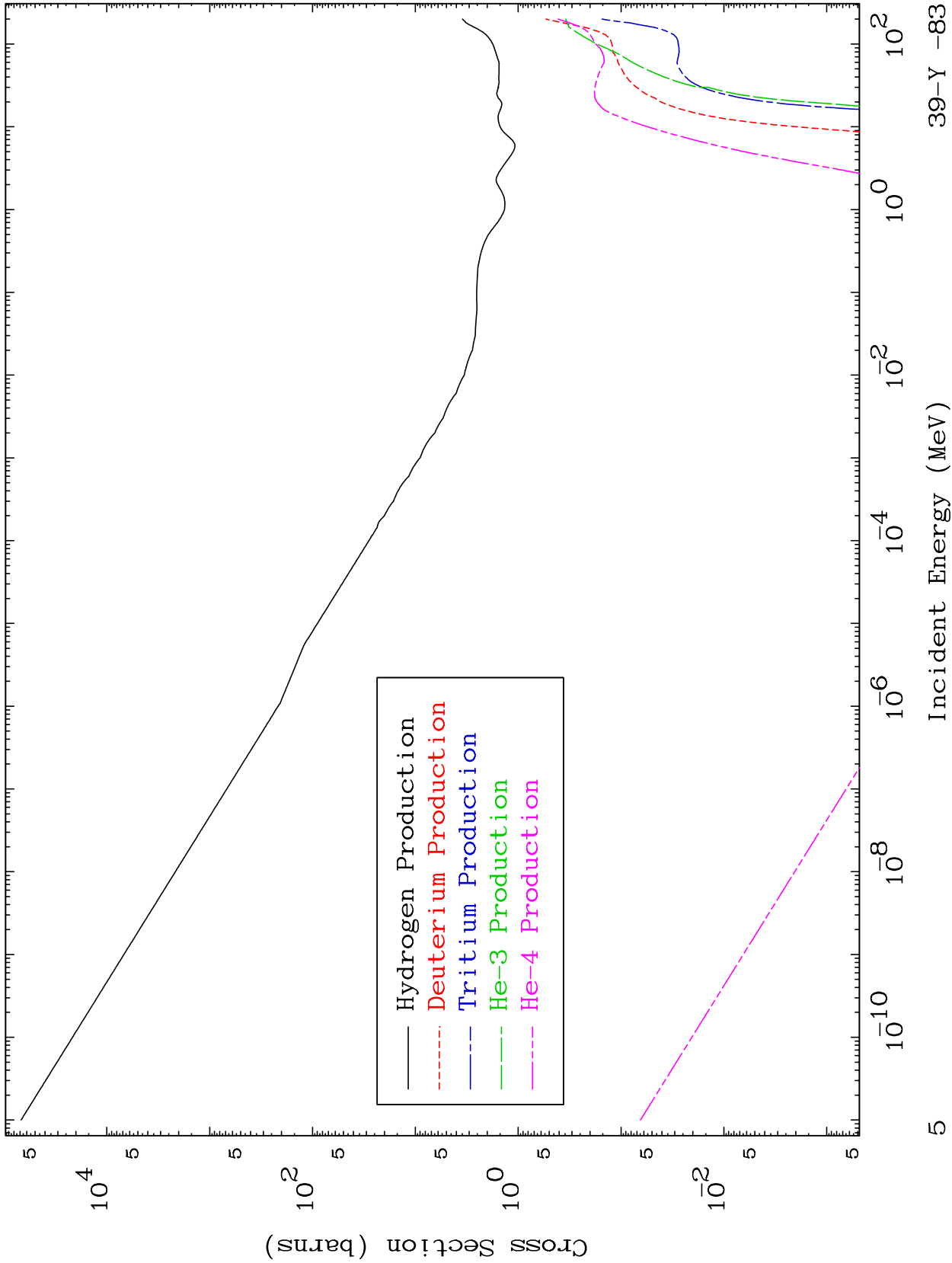


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Charged Particle
293 Kelvin Cross Sections

39-Y -83

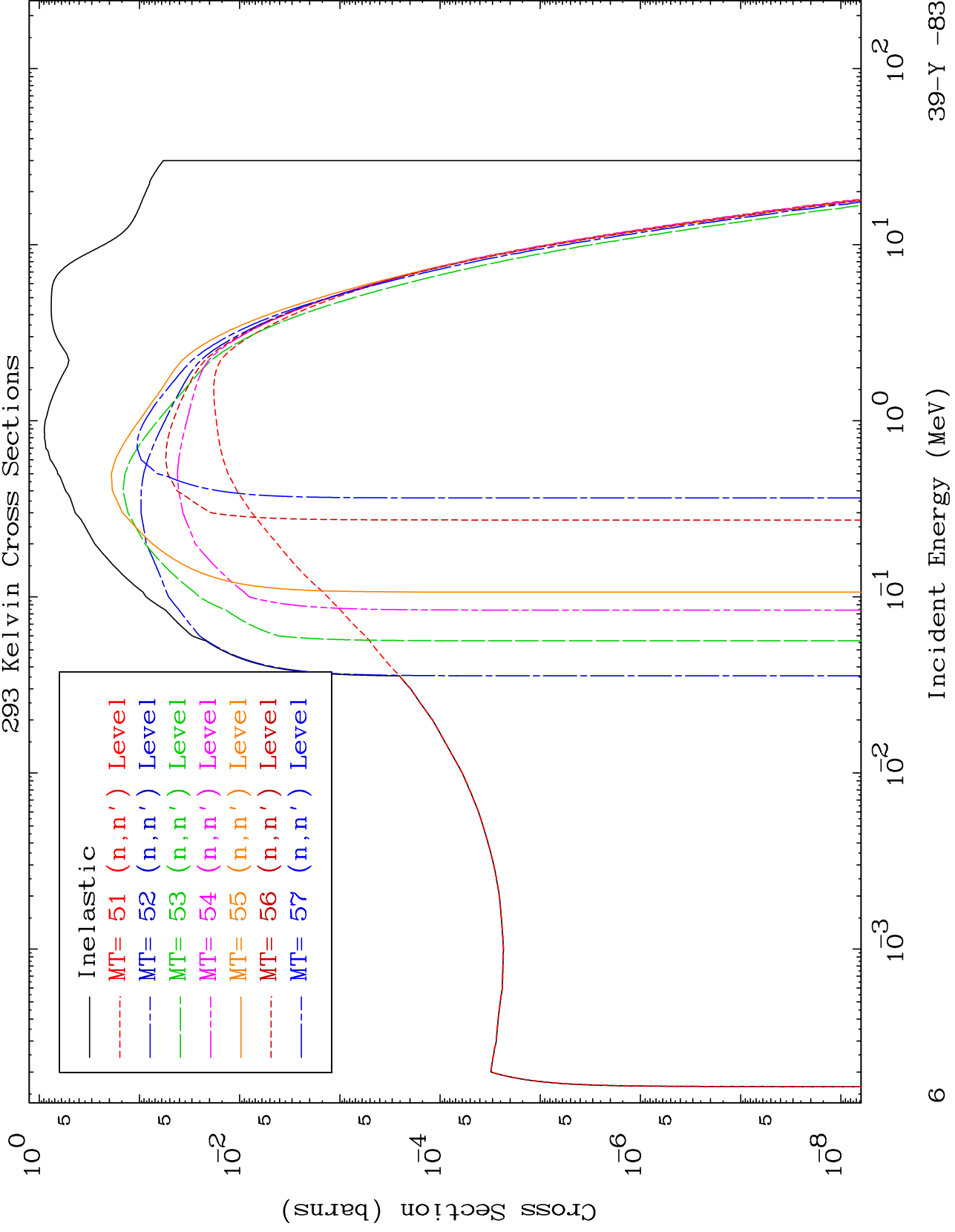




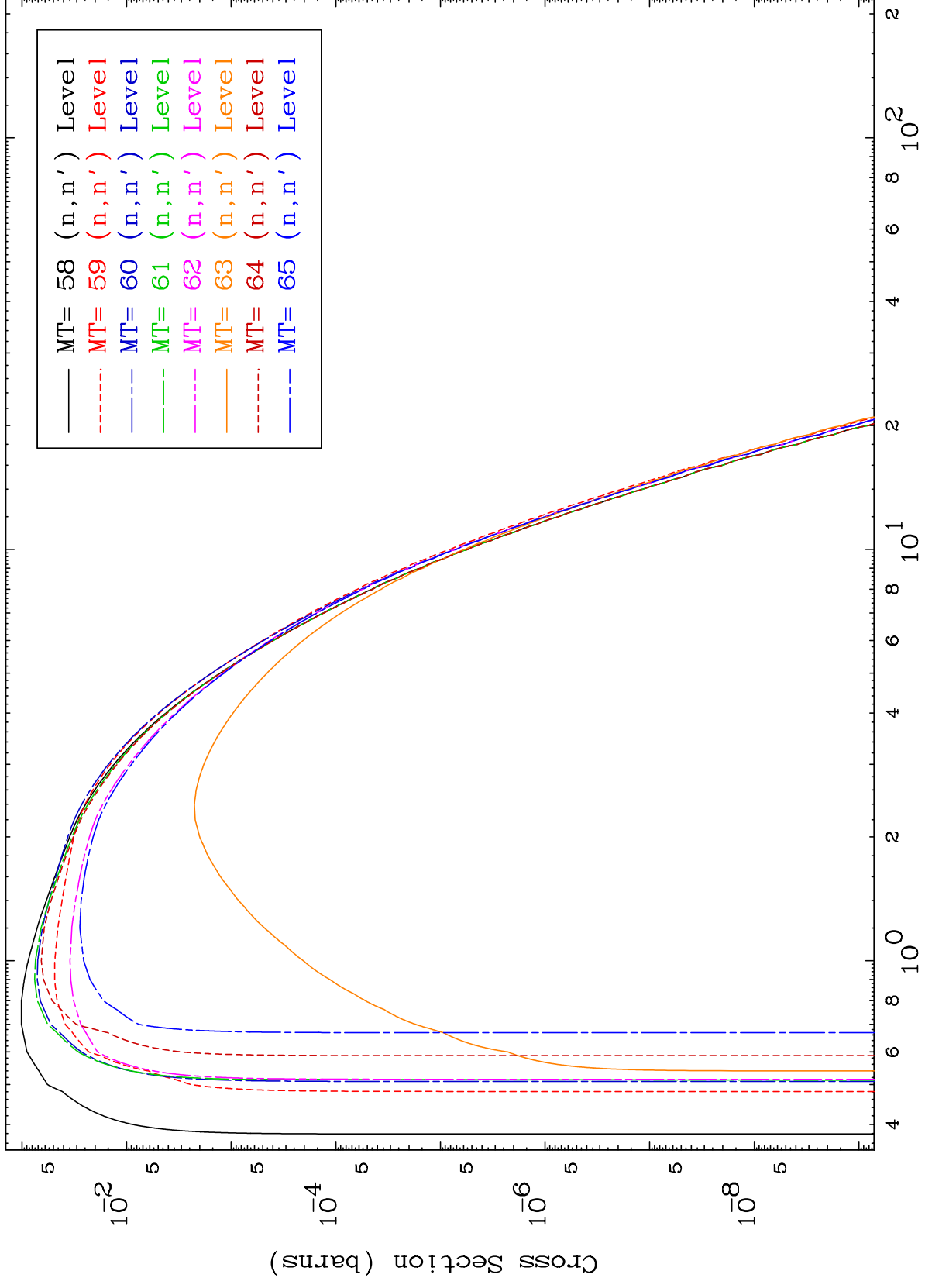
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293 Kelvin Cross Sections

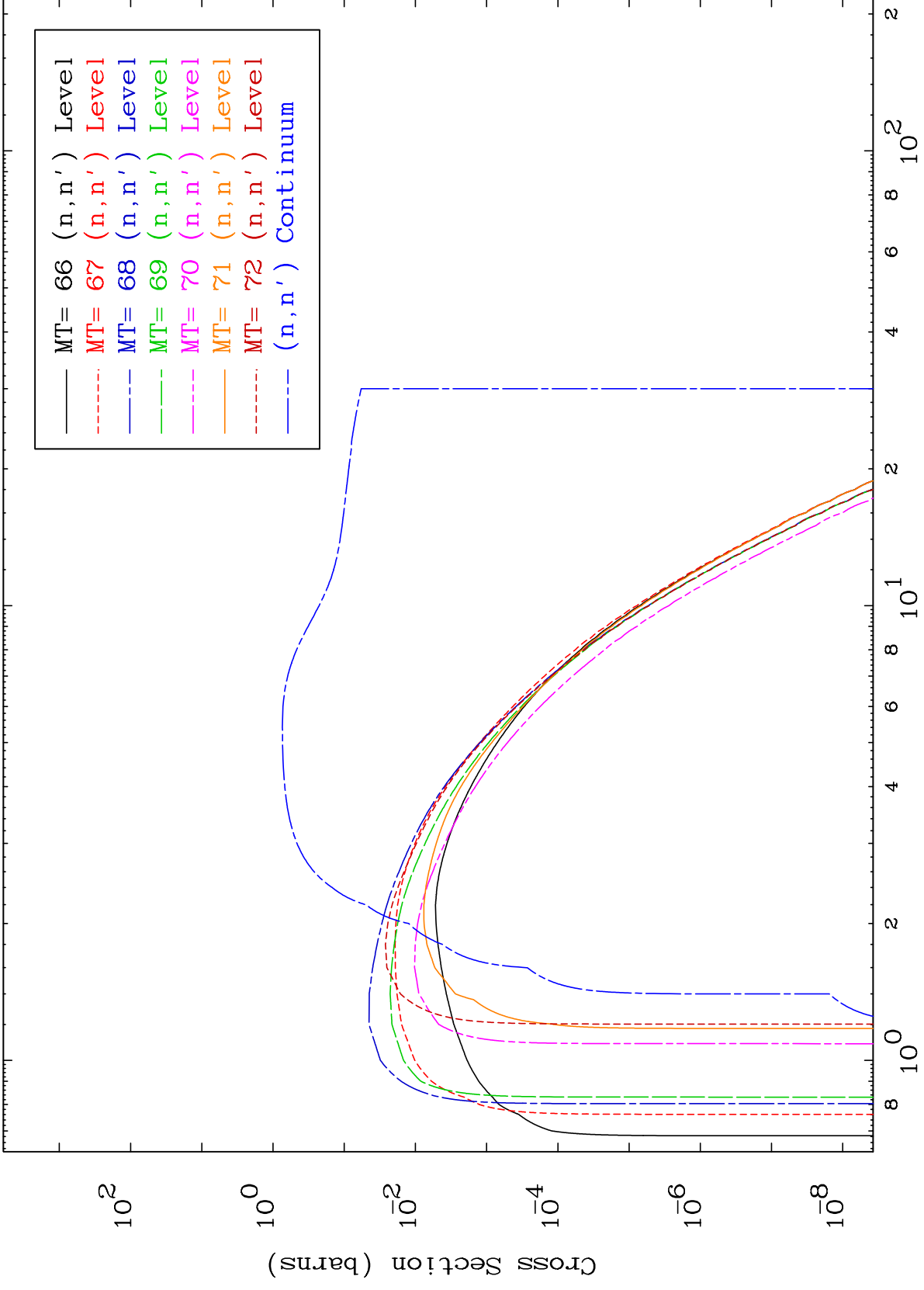
39-Y -83



293 Kelvin Cross Sections



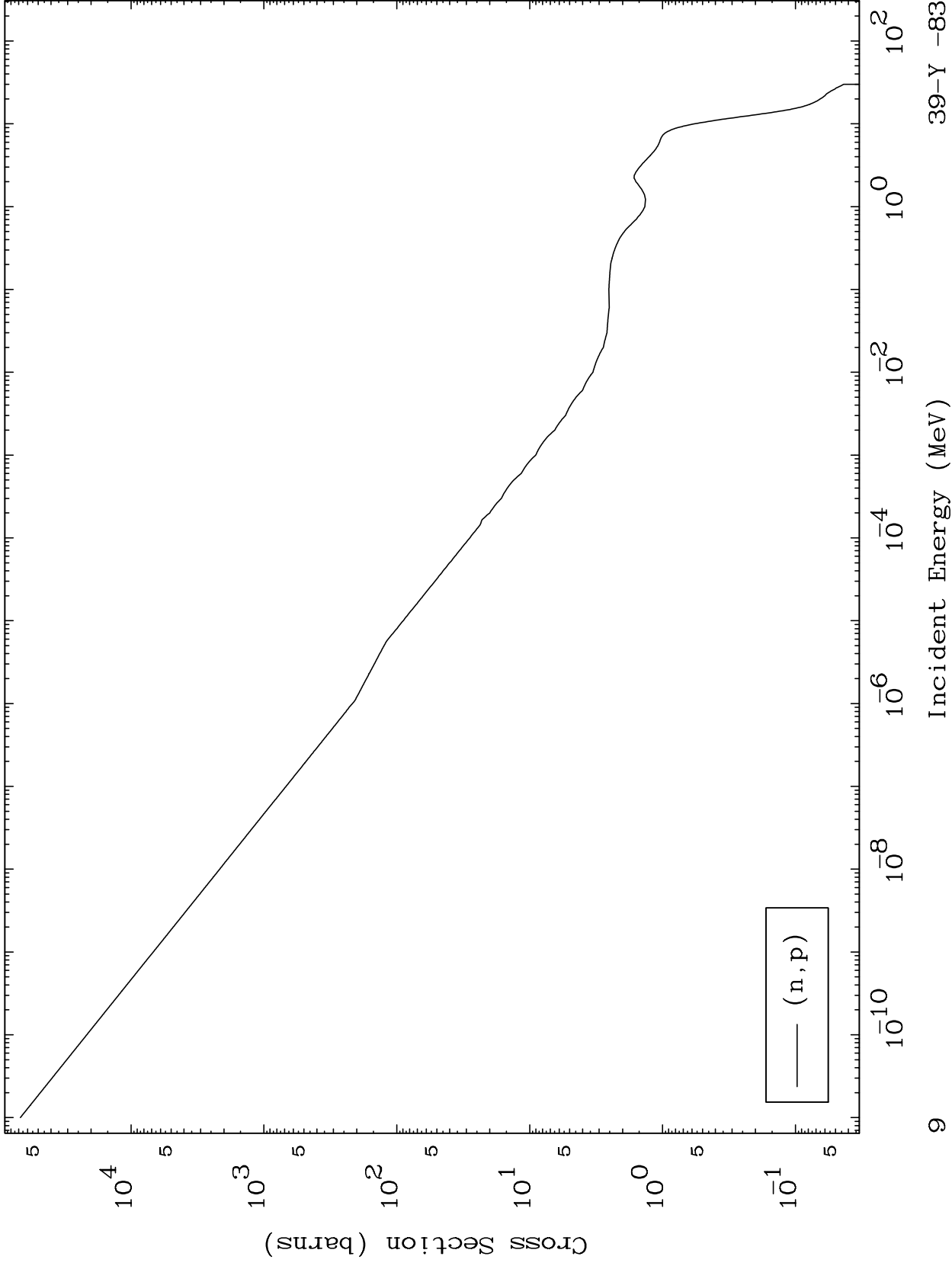
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

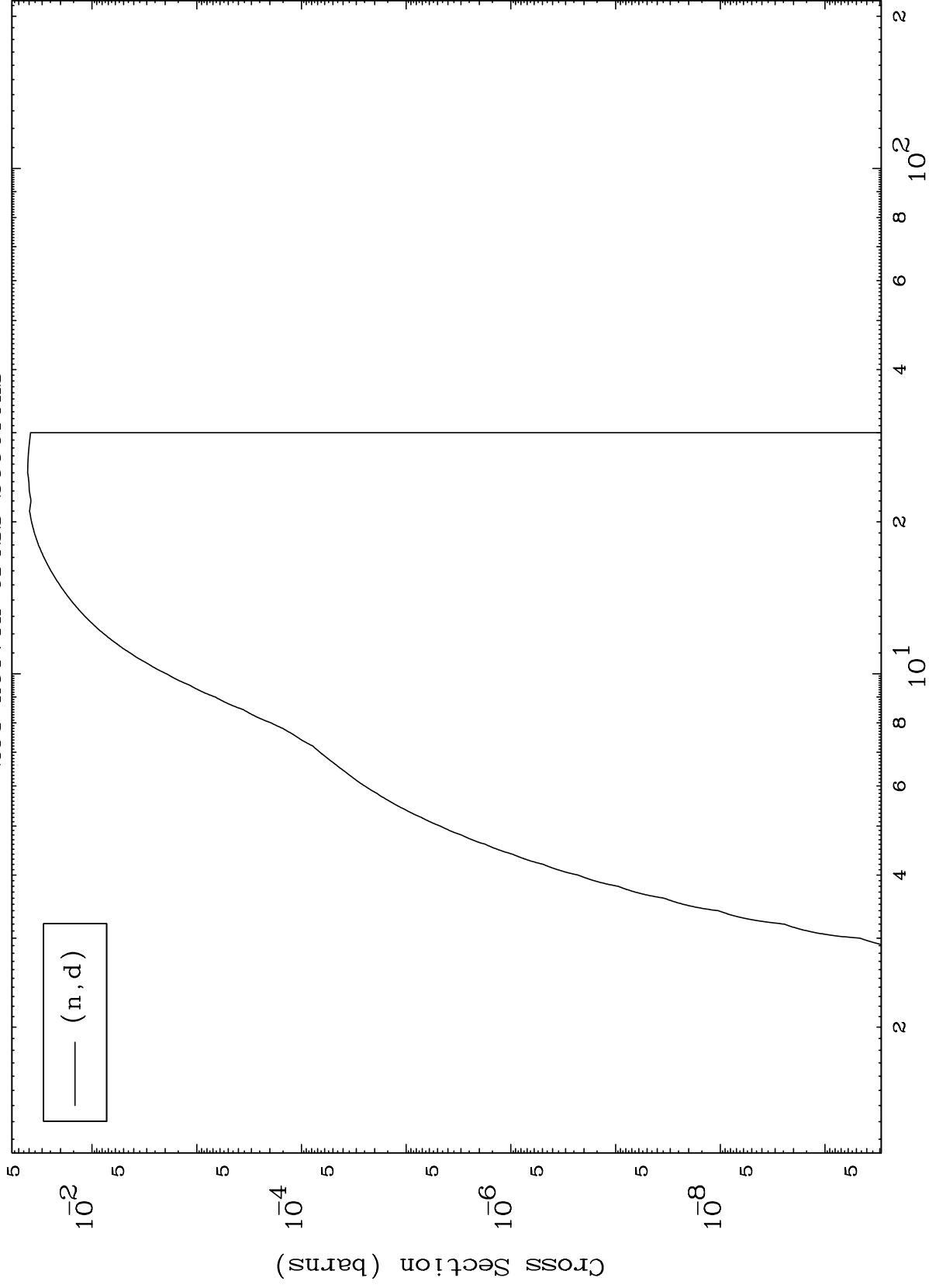
39-Y -83



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(n,d) Levels
293 Kelvin Cross Sections

39-Y -83



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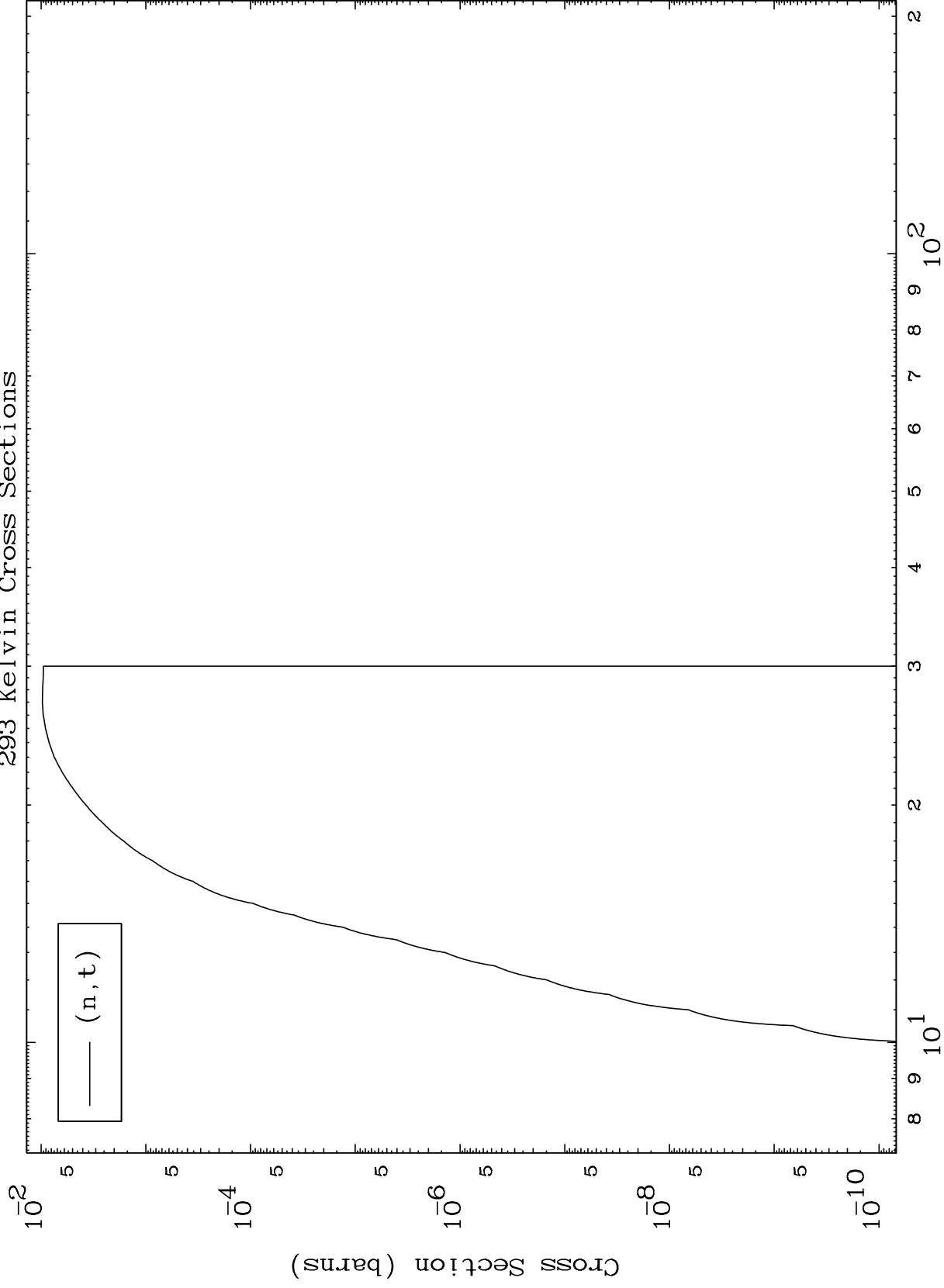
Incident Energy (MeV)

39-Y -83

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(n,t) Levels
293 Kelvin Cross Sections

39-Y -83



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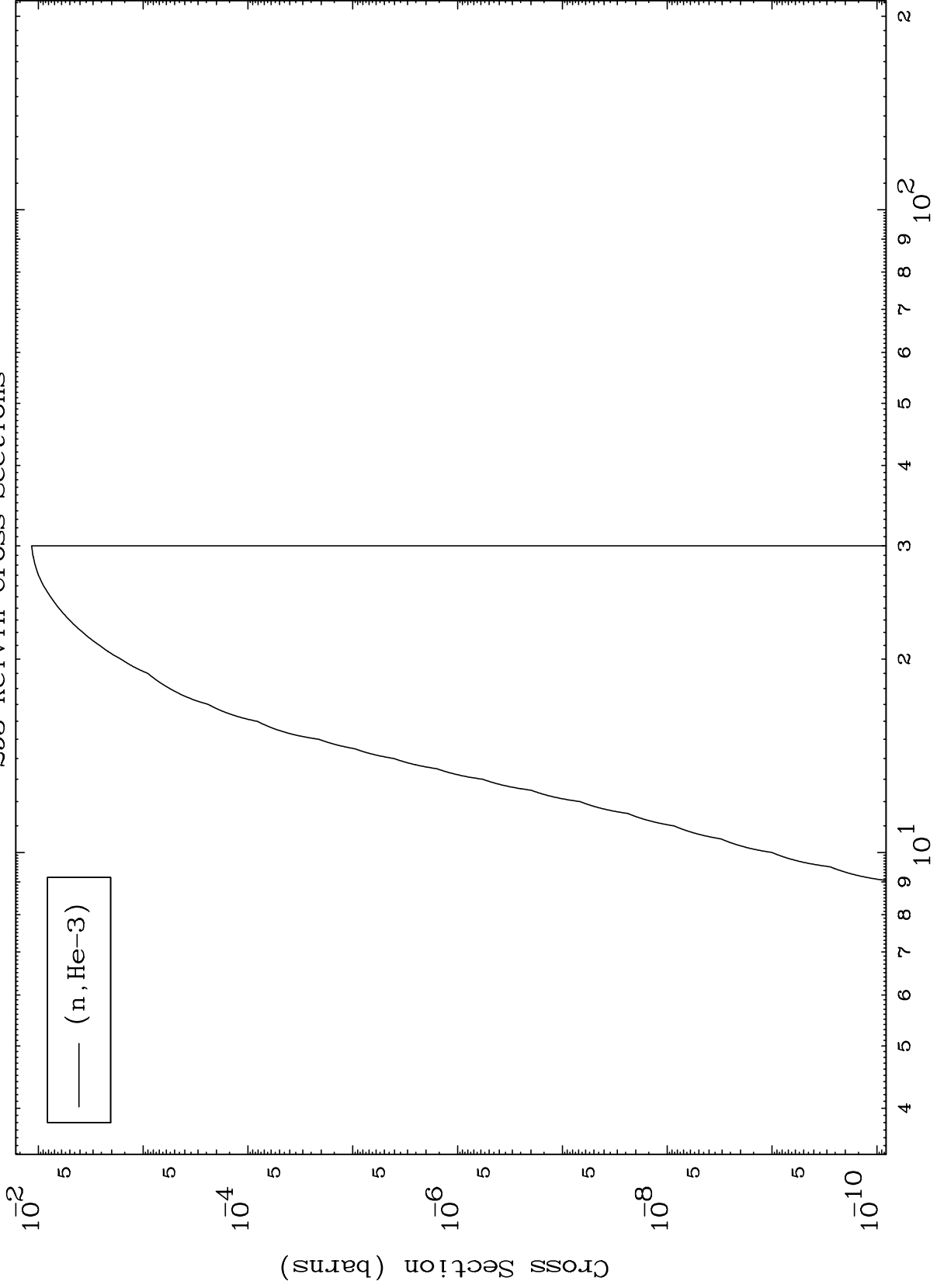
Incident Energy (MeV)

39-Y -83

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(n,He3) Levels
293 Kelvin Cross Sections

39-Y -83



12

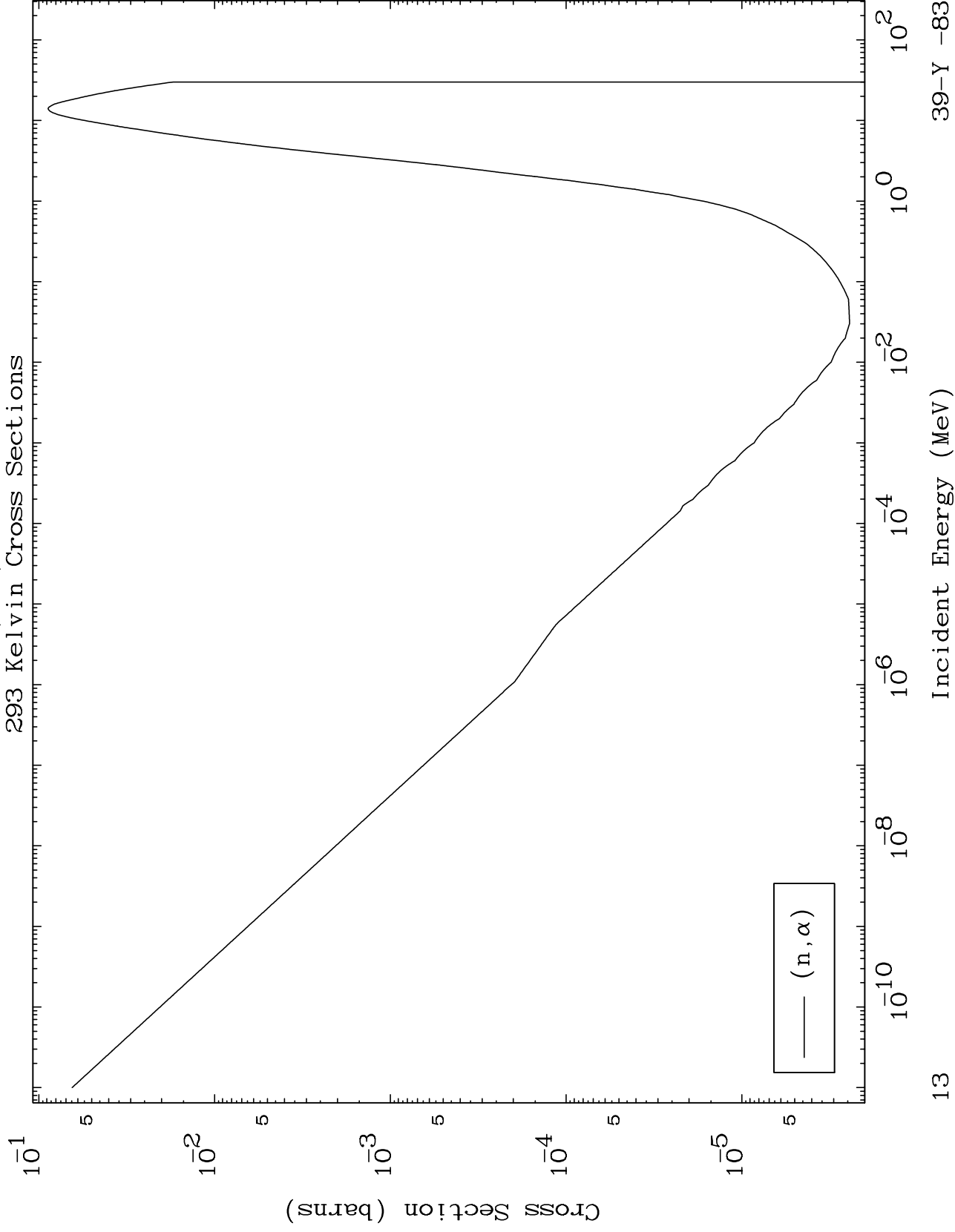
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39-Y -83

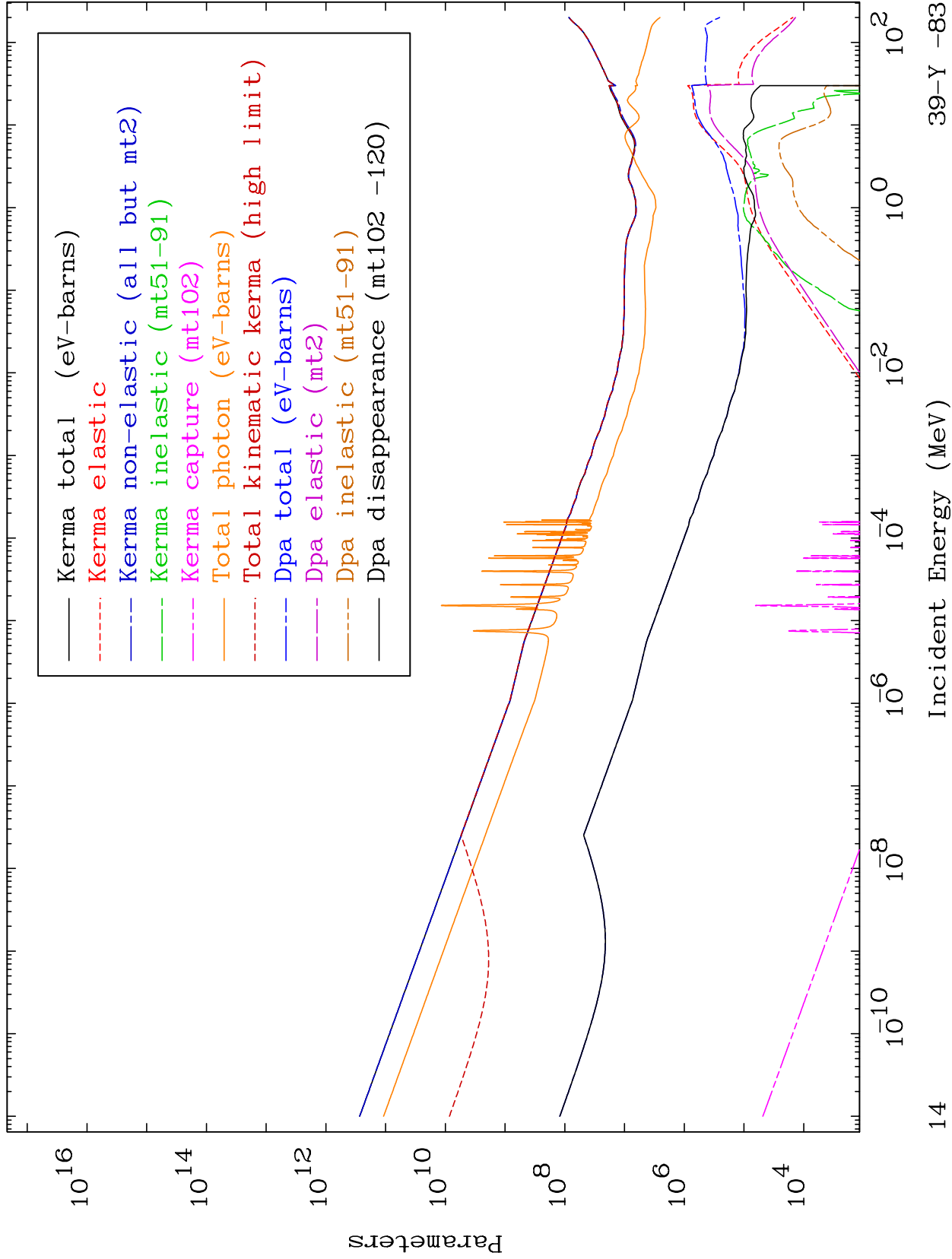
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(n,α) Levels
293 Kelvin Cross Sections

39-Y -83



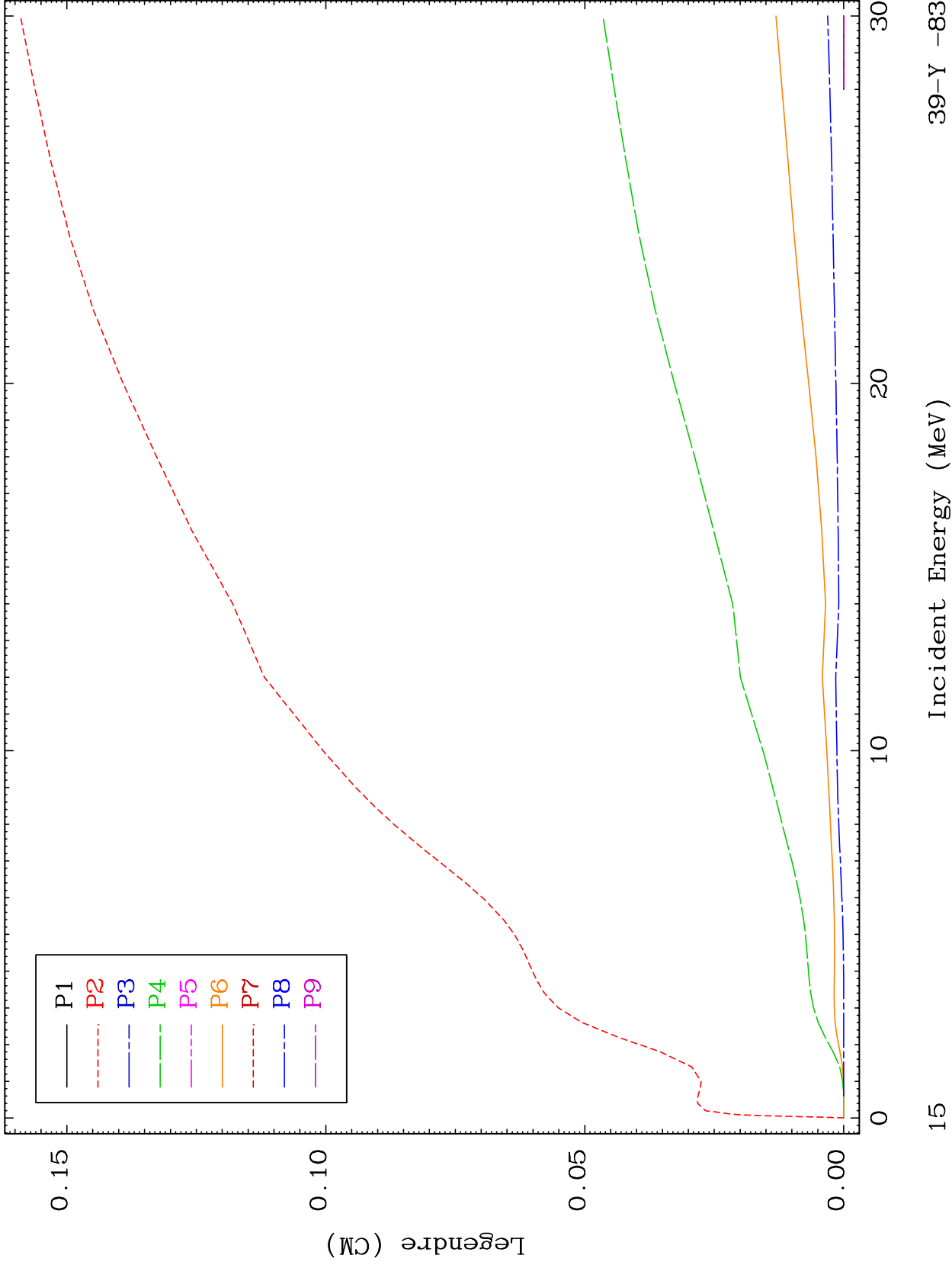
13



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Elastic
Legendre Coefficients

39-Y -83



15

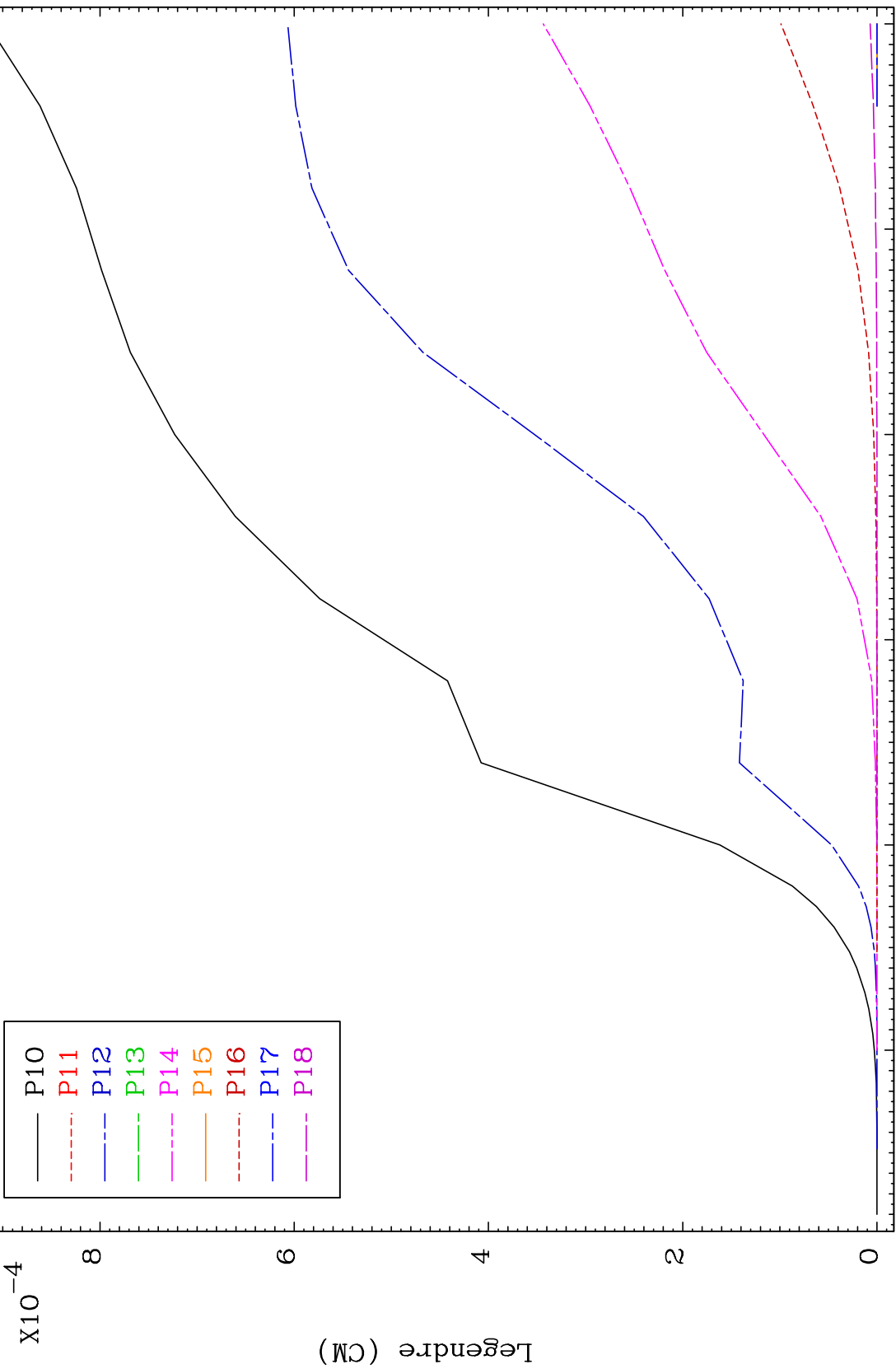
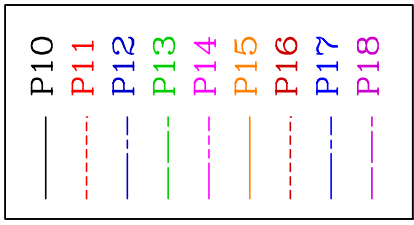
Incident Energy (MeV)

39-Y -83

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Elastic Legendre Coefficients

39-Y -83



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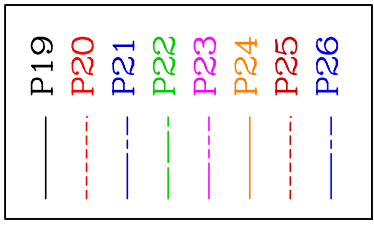
Incident Energy (MeV)

39-Y -83

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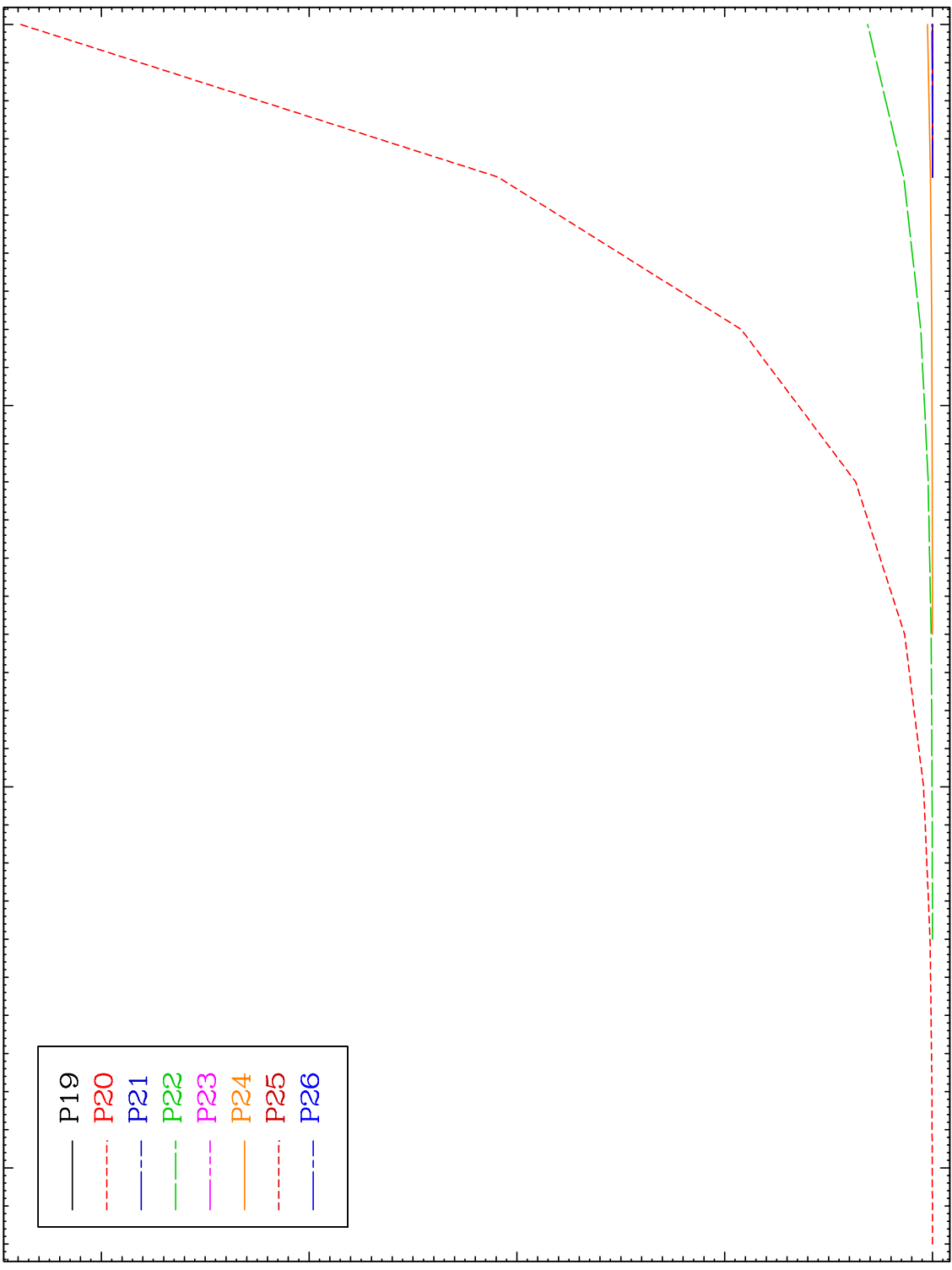
Elastic Legendre Coefficients

39-Y -83



$\times 10^{-7}$

Legendre (CM)



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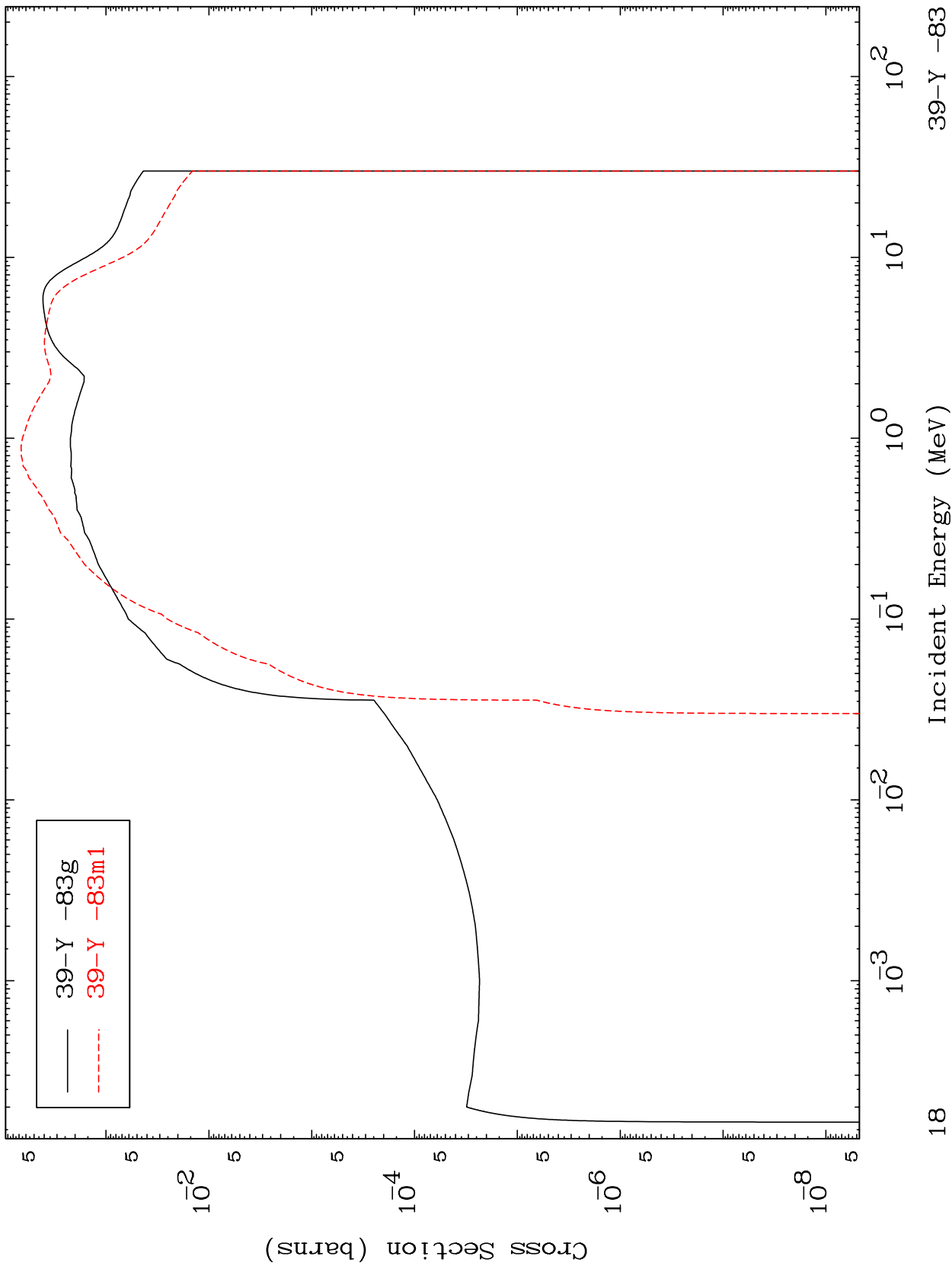
Incident Energy (MeV)

39-Y -83

MAT 3908

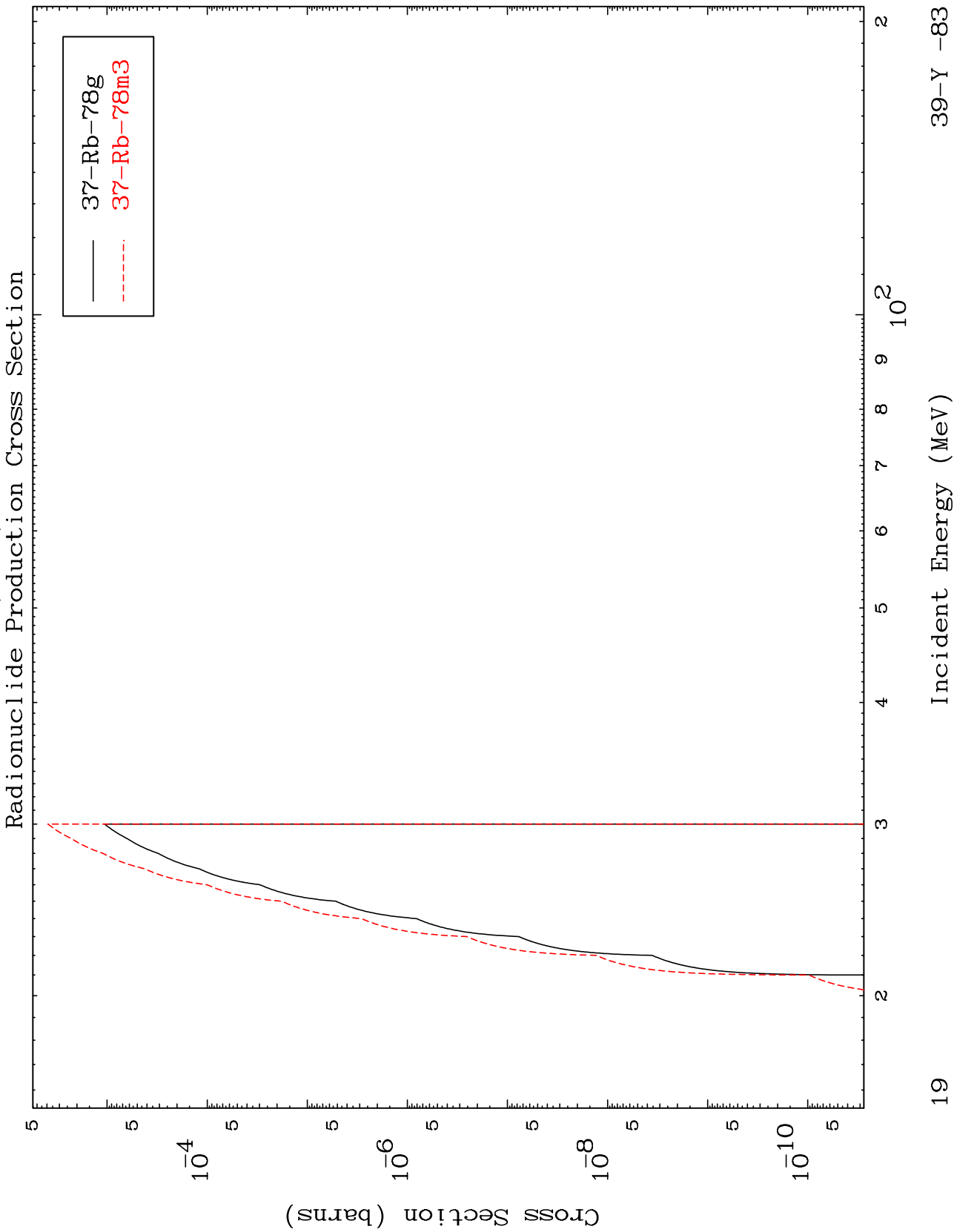
39-Y -83

Inelastic
Radionuclide Production Cross Section

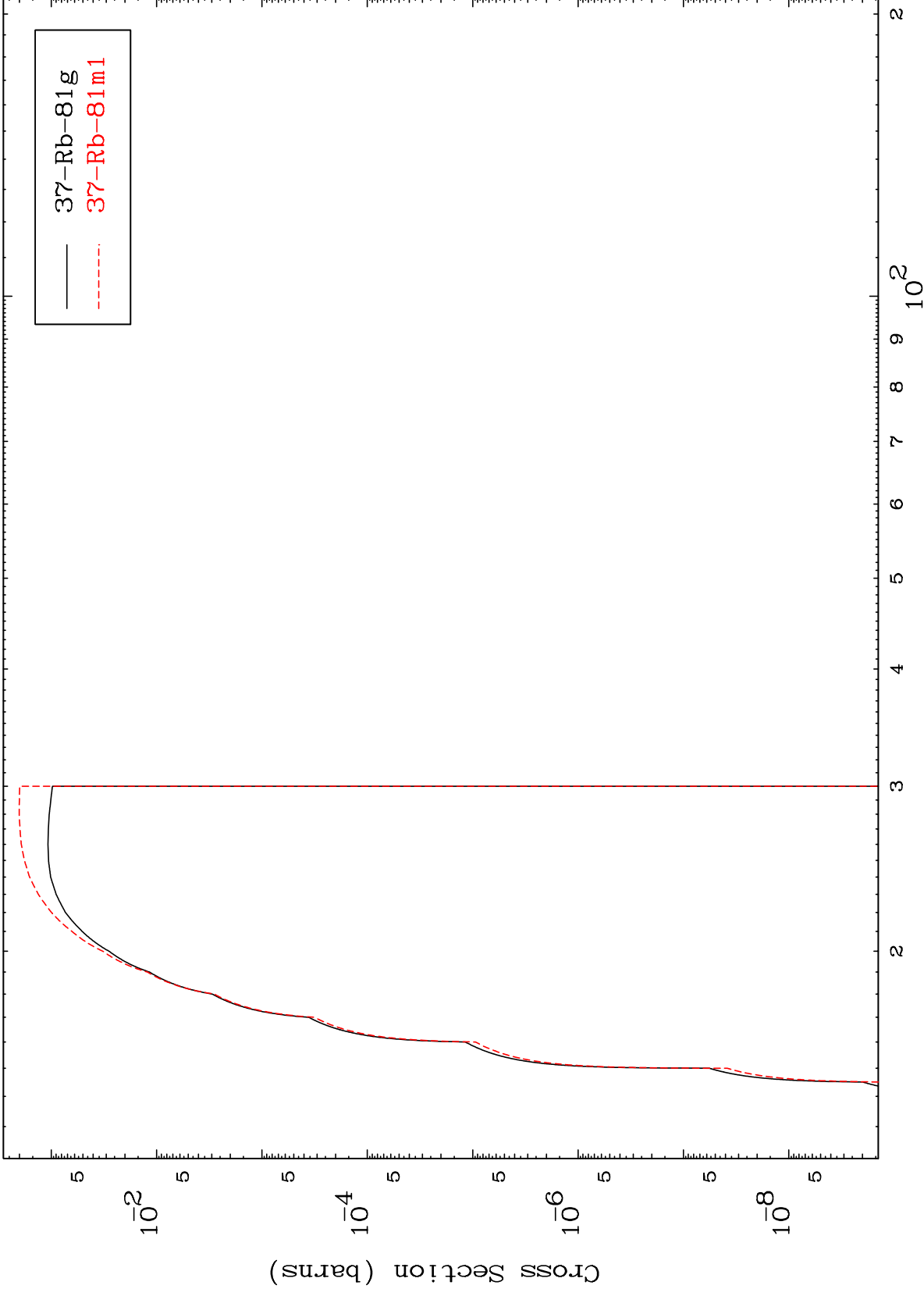


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39-Y -83



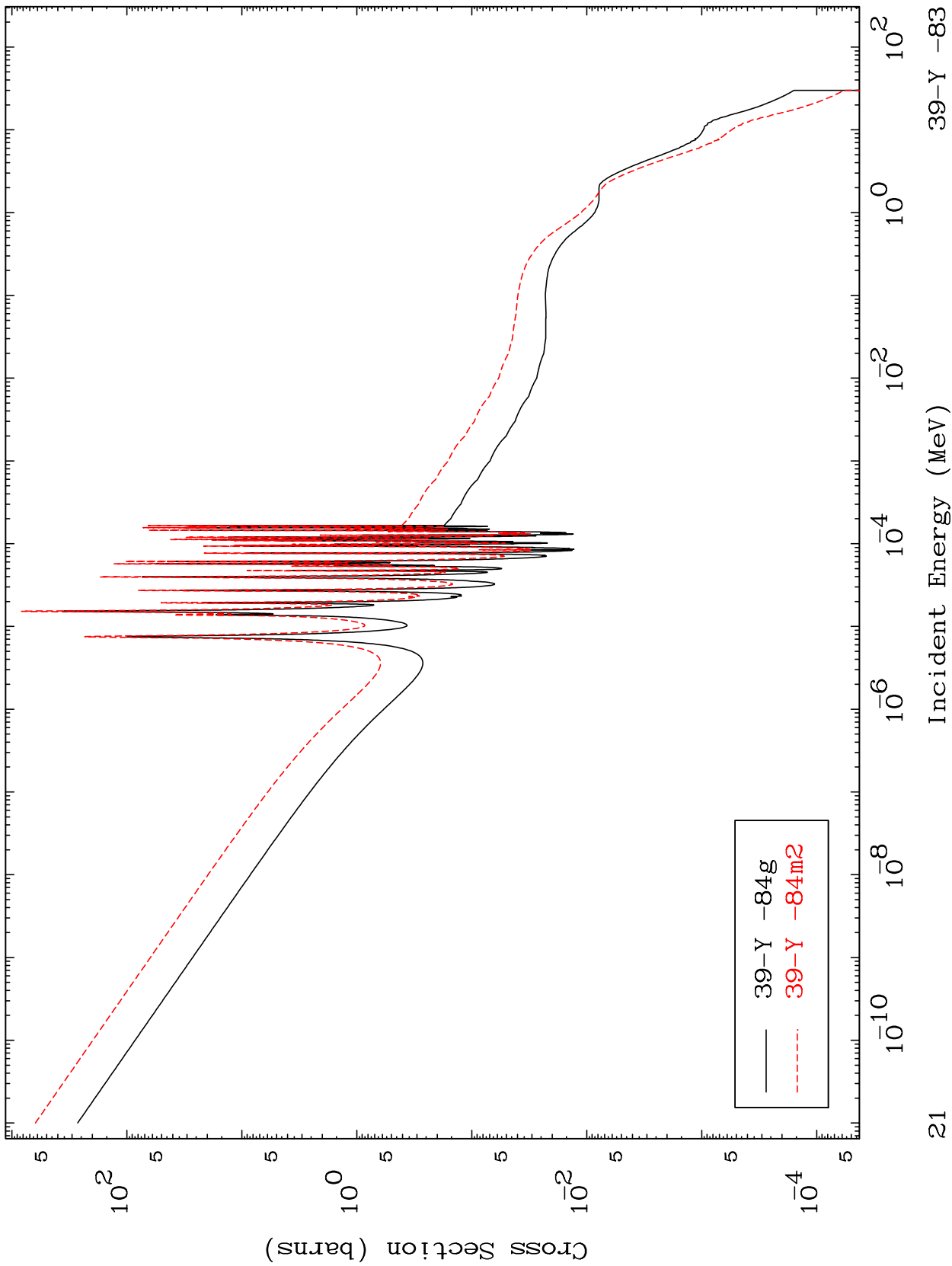
Radionuclide Production Cross Section



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39-Y -83

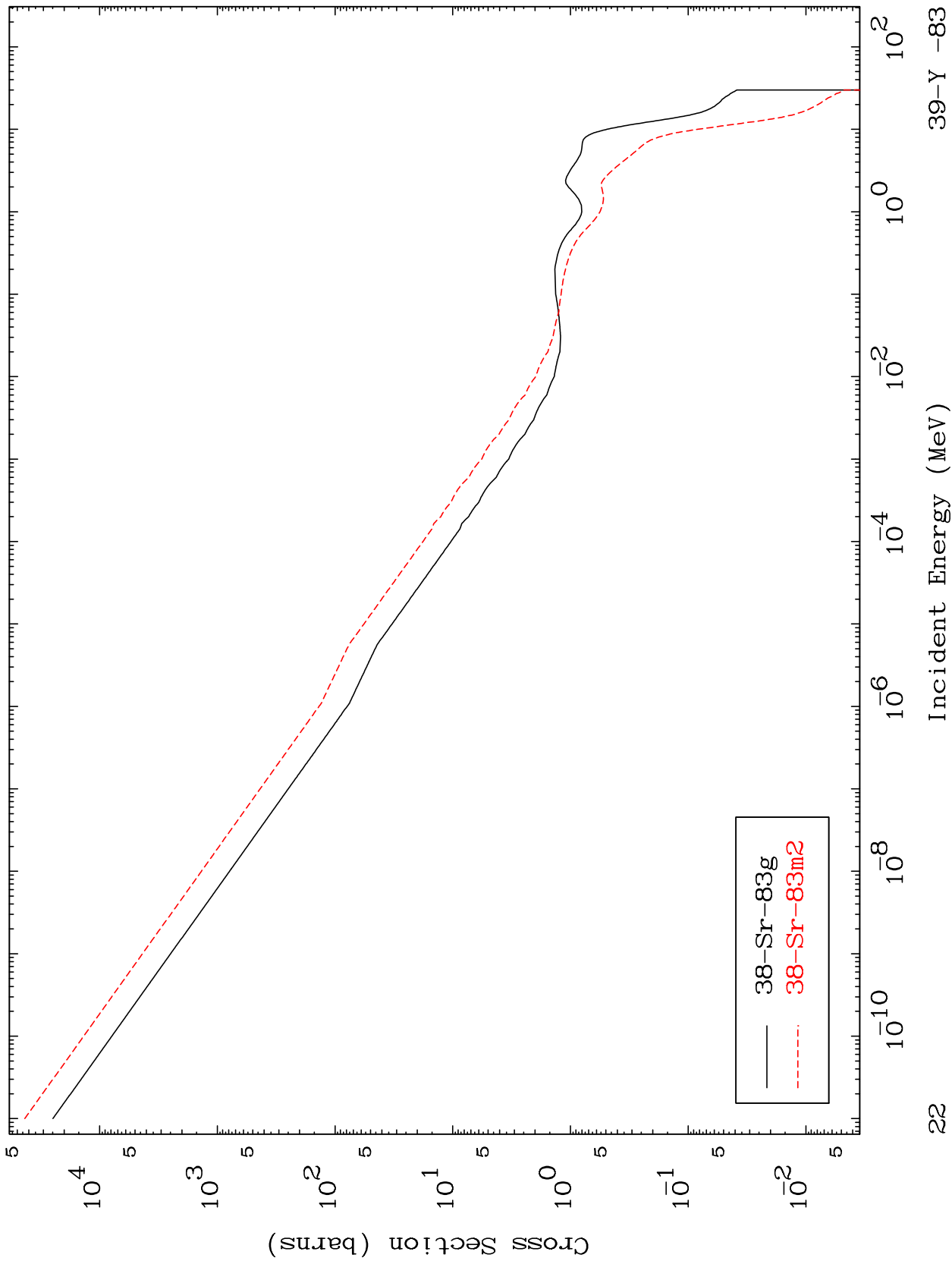
(n,γ)
Radionuclide Production Cross Section



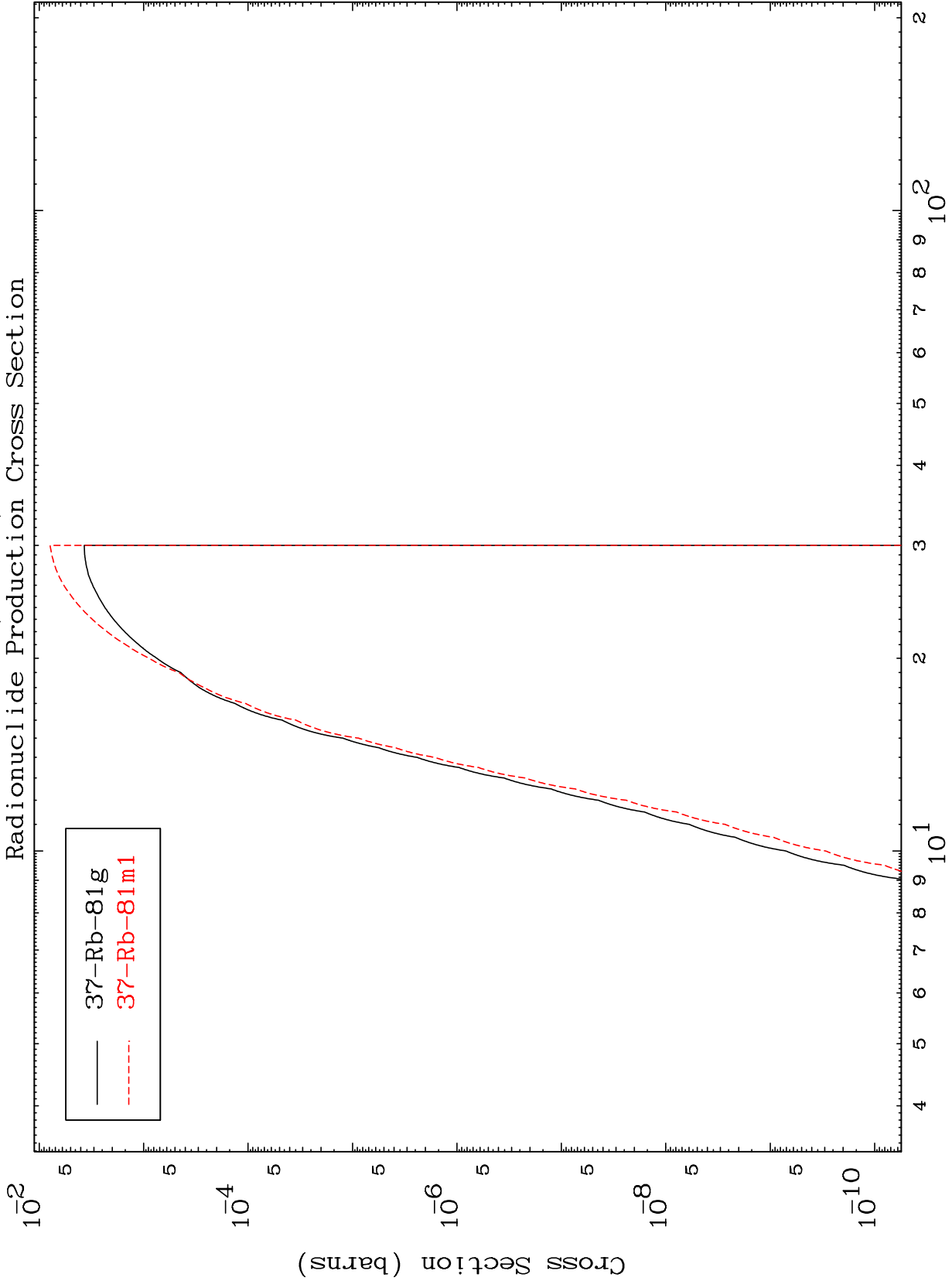
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39-Y -83

Radionuclide Production Cross Section (n,p)



38-Sr-83g
38-Sr-83m2

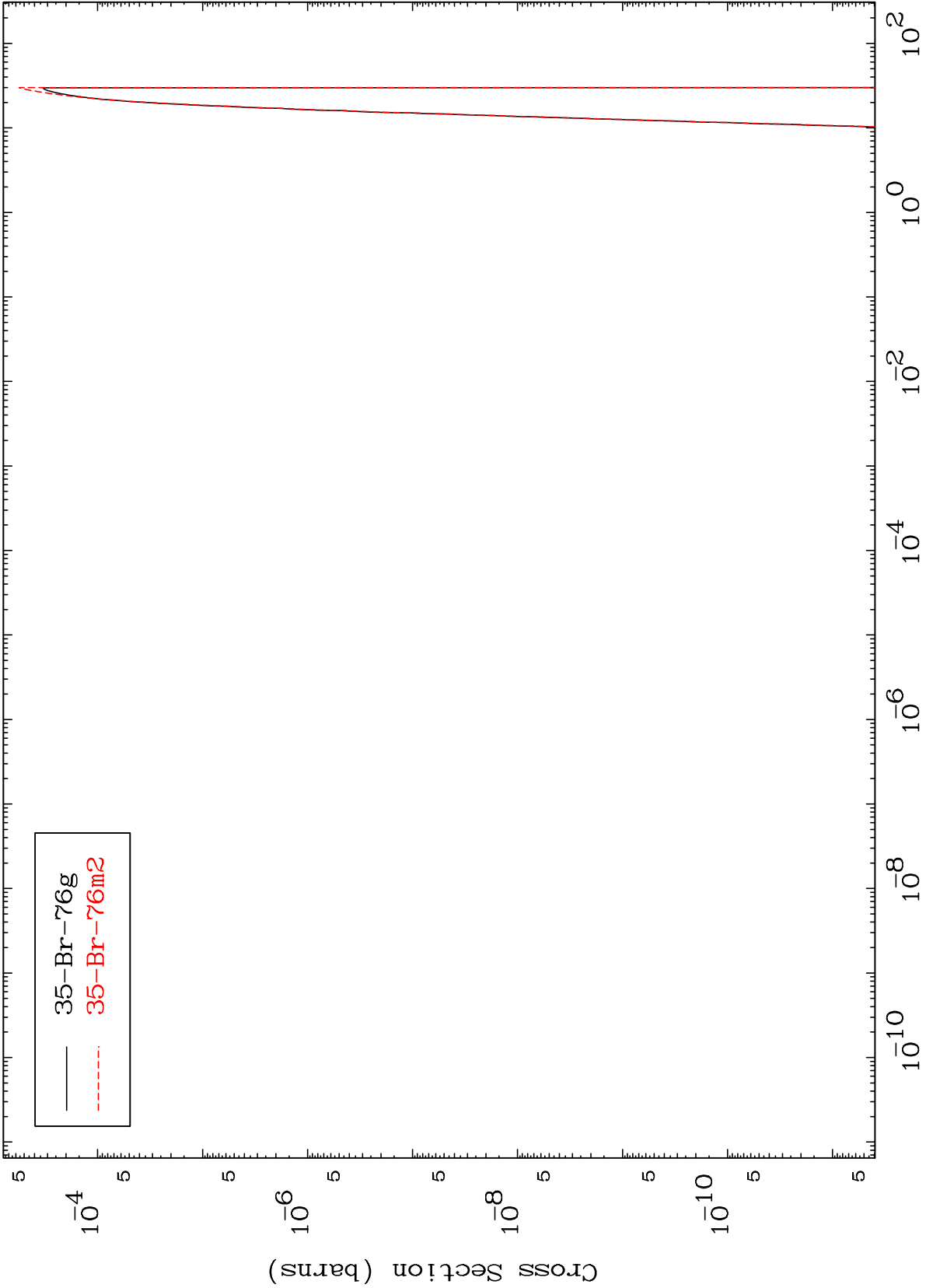


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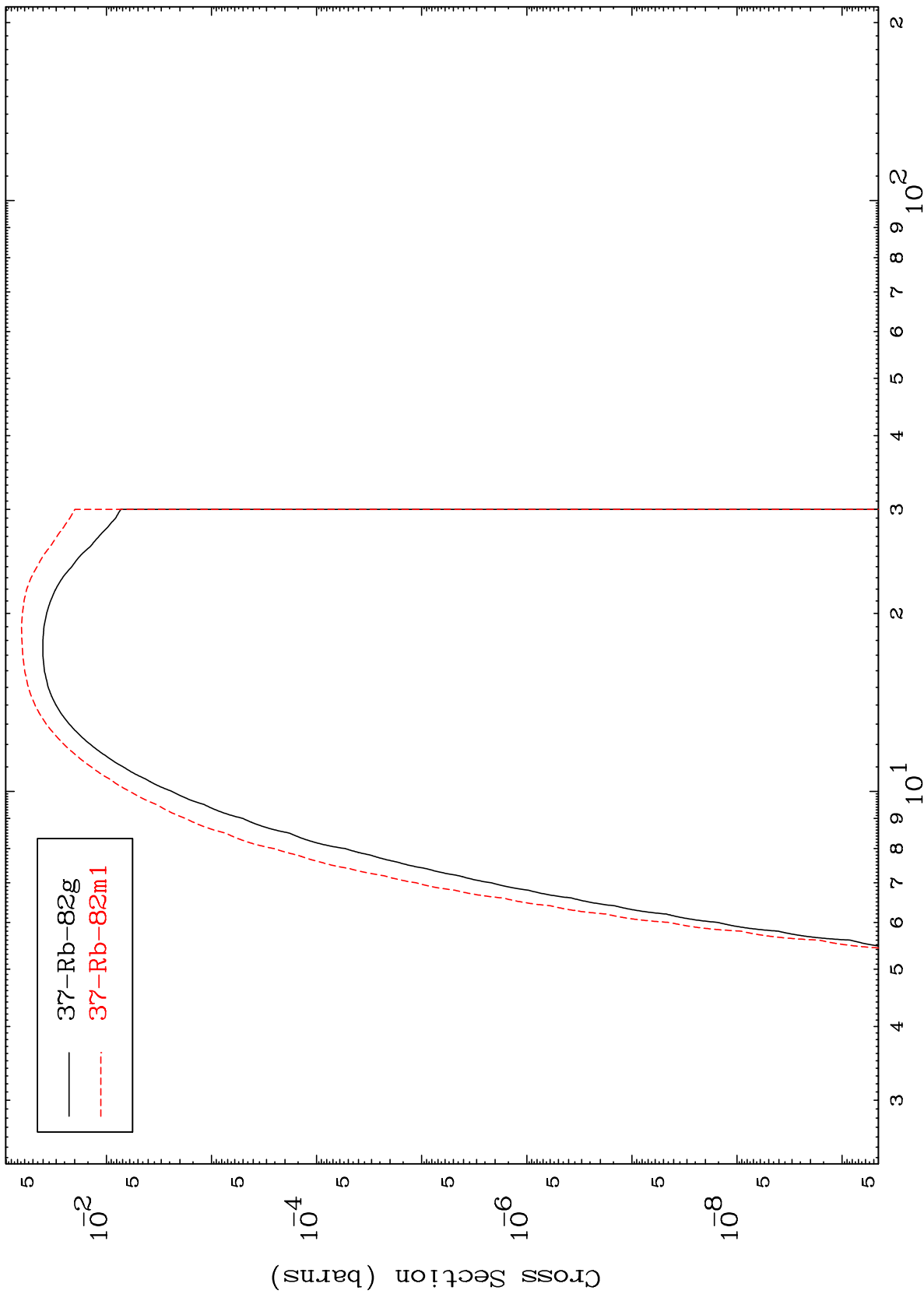
(n,2α)

39-Y -83

Radionuclide Production Cross Section



Radionuclide Production Cross Section (n,2p)

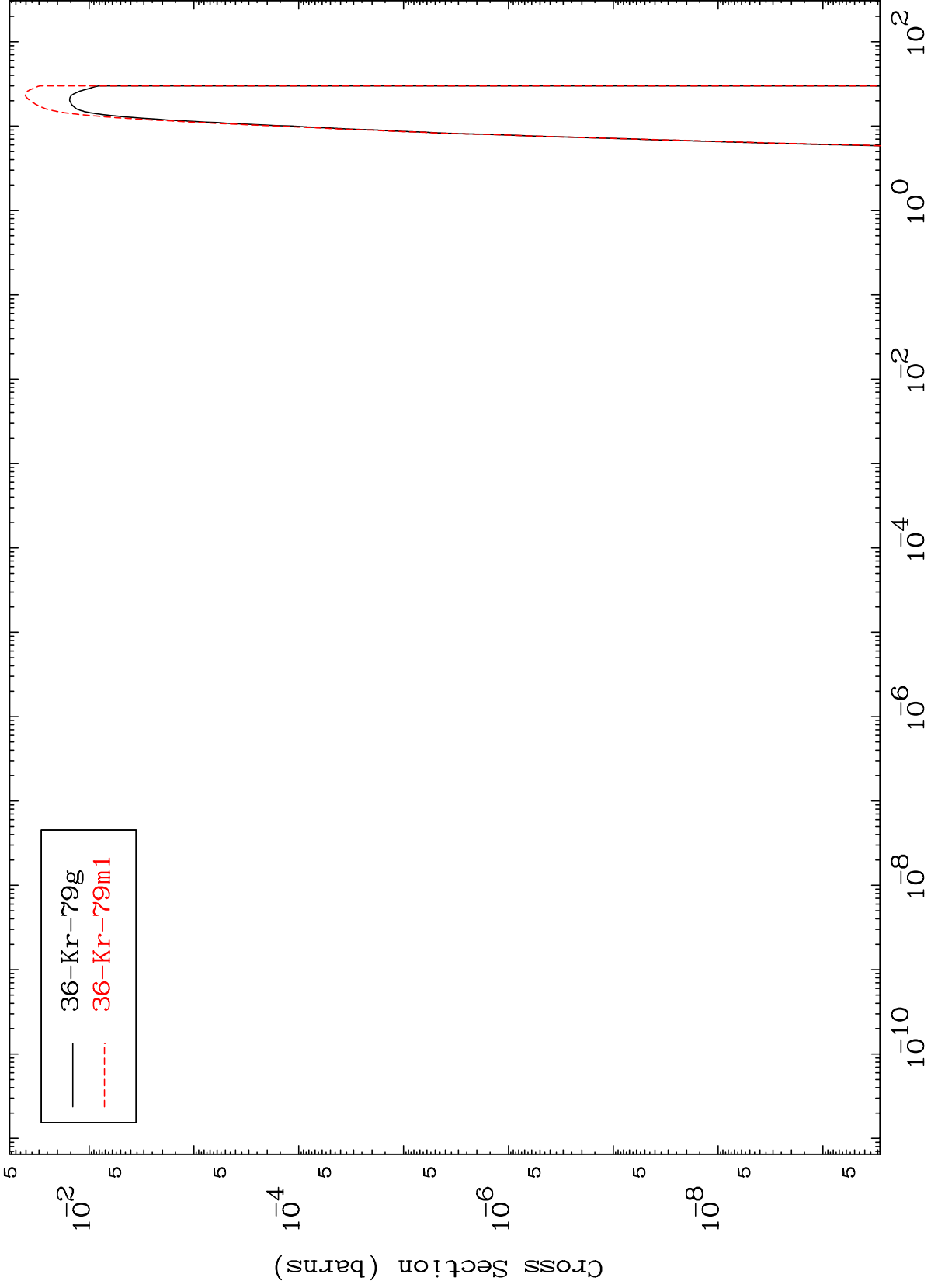


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(n,p) α

39-Y -83

Radionuclide Production Cross Section



— 36-Kr-79g
- - - 36-Kr-79m1

26

Incident Energy (MeV)

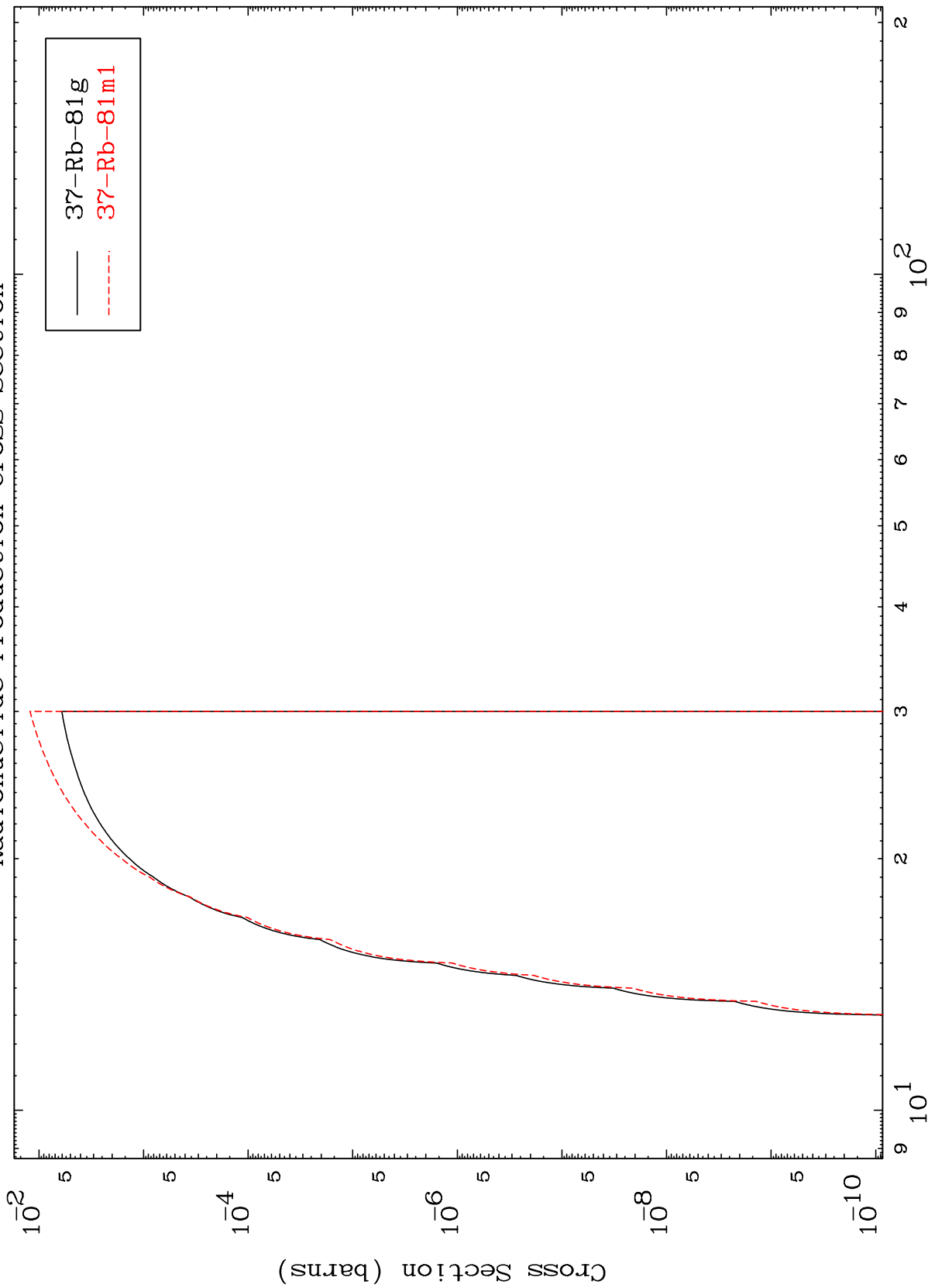
39-Y -83

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(n,p) d

39-Y -83

Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -83