

Program EVALPLOT
(Version 2018-1)

by

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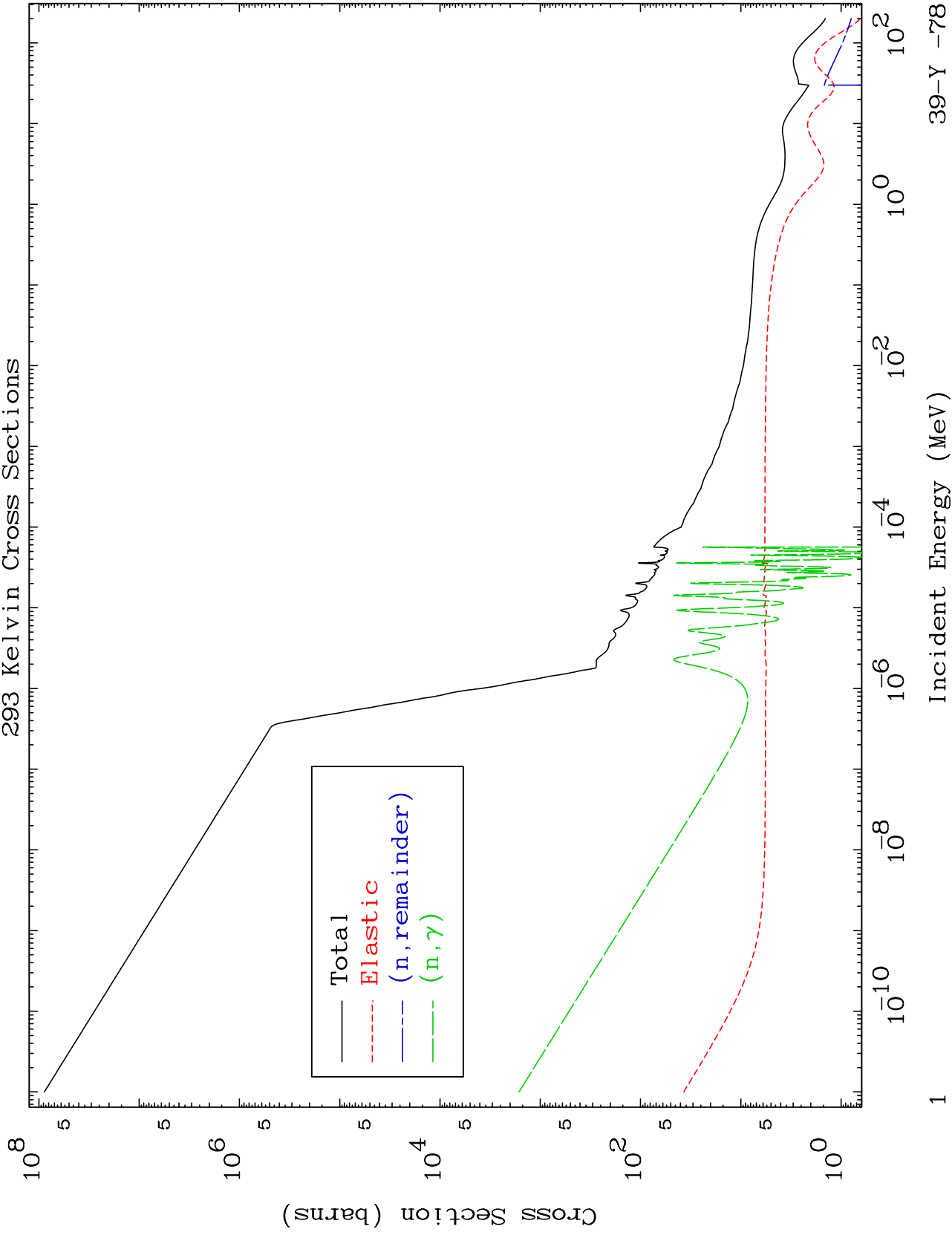
Press Mouse Button to Start

MAT 3893

Major

293 Kelvin Cross Sections

39-Y -78

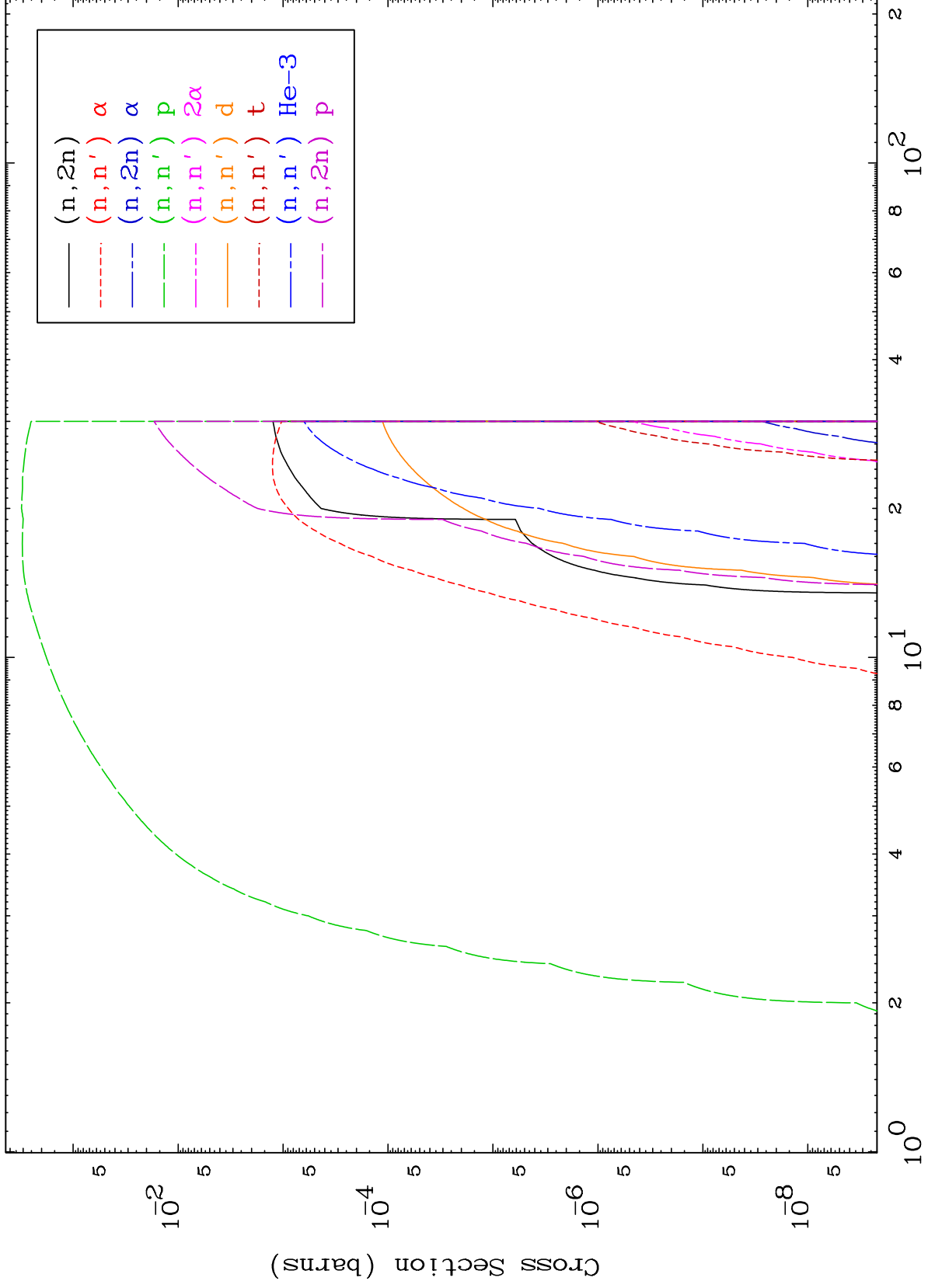


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MAT 3893

Neutron Production
293 Kelvin Cross Sections

39-Y -78



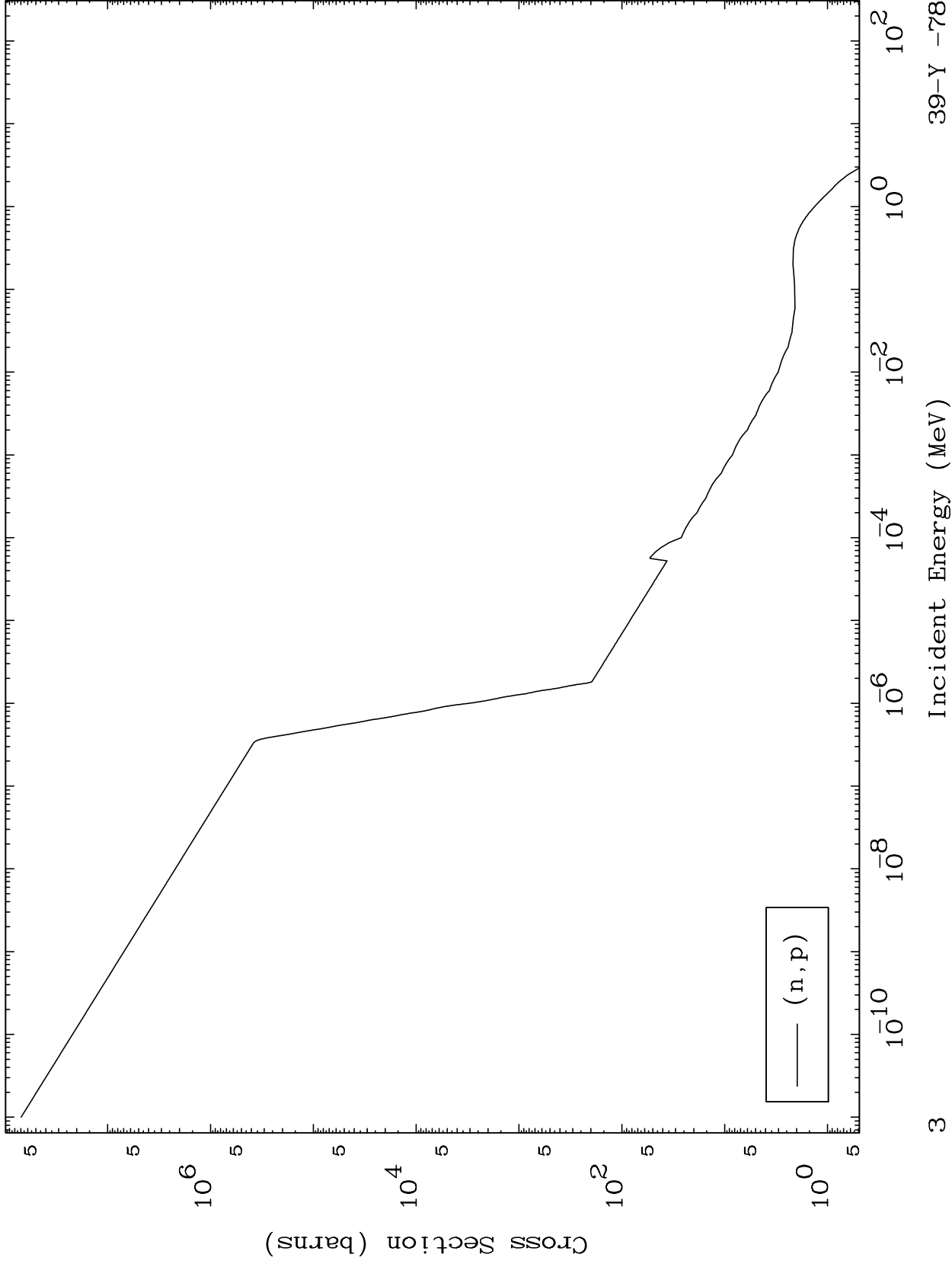
Incident Energy (MeV)

39-Y -78

MAT 3893

Charged Particle
293 Kelvin Cross Sections

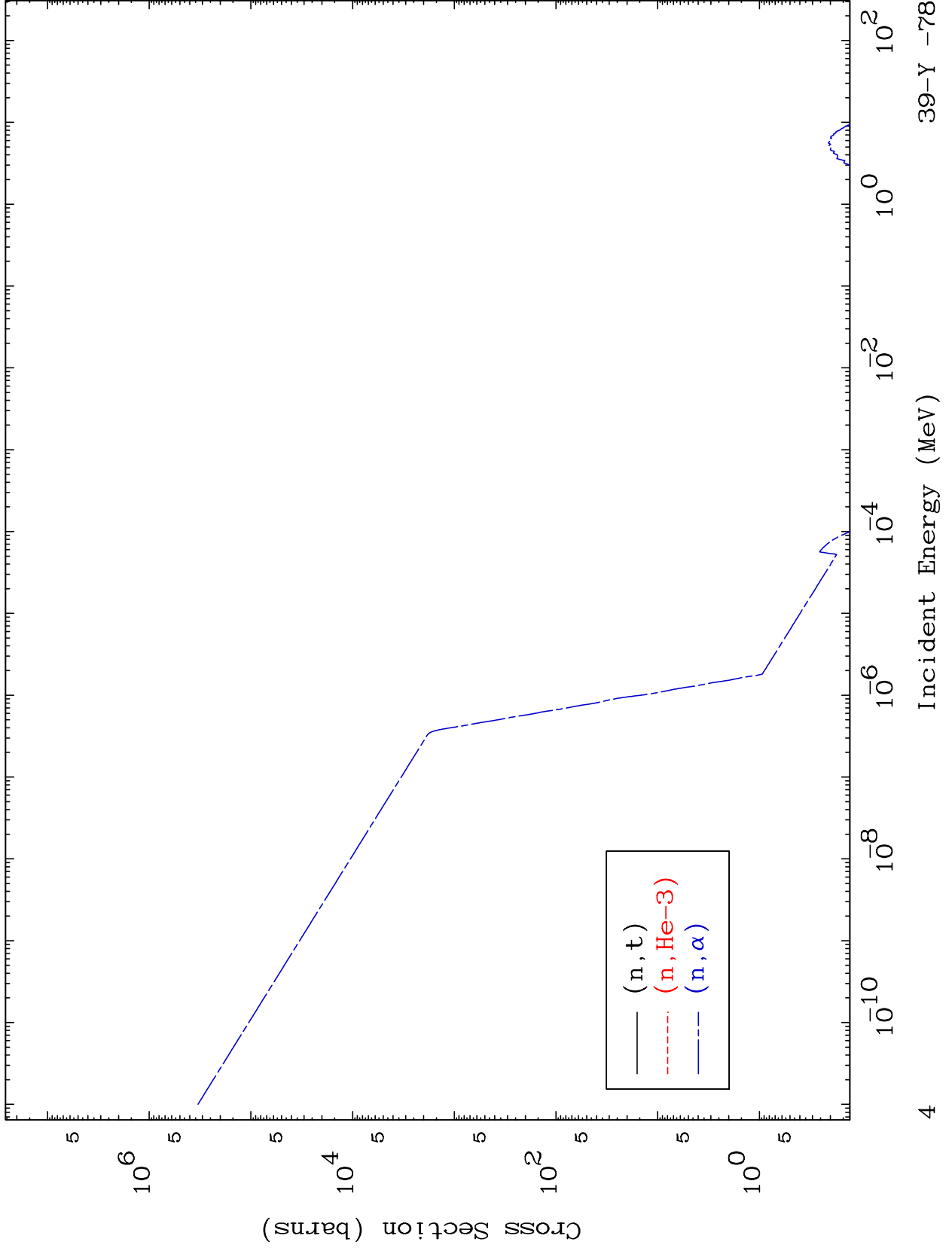
39-Y -78



MAT 3893

Charged Particle
293 Kelvin Cross Sections

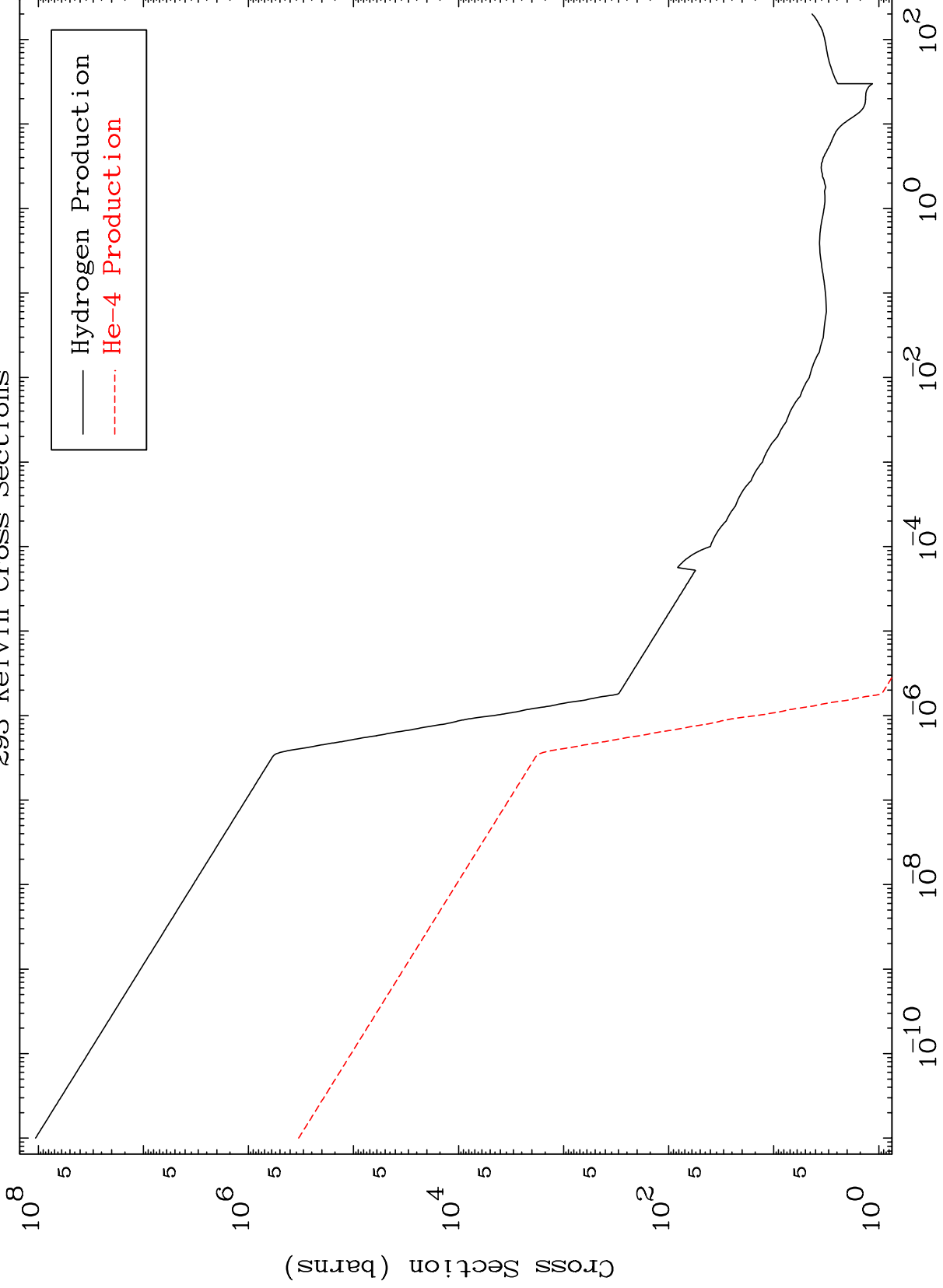
39-Y -78



MAT 3893

Particle Production
293 Kelvin Cross Sections

39-Y -78



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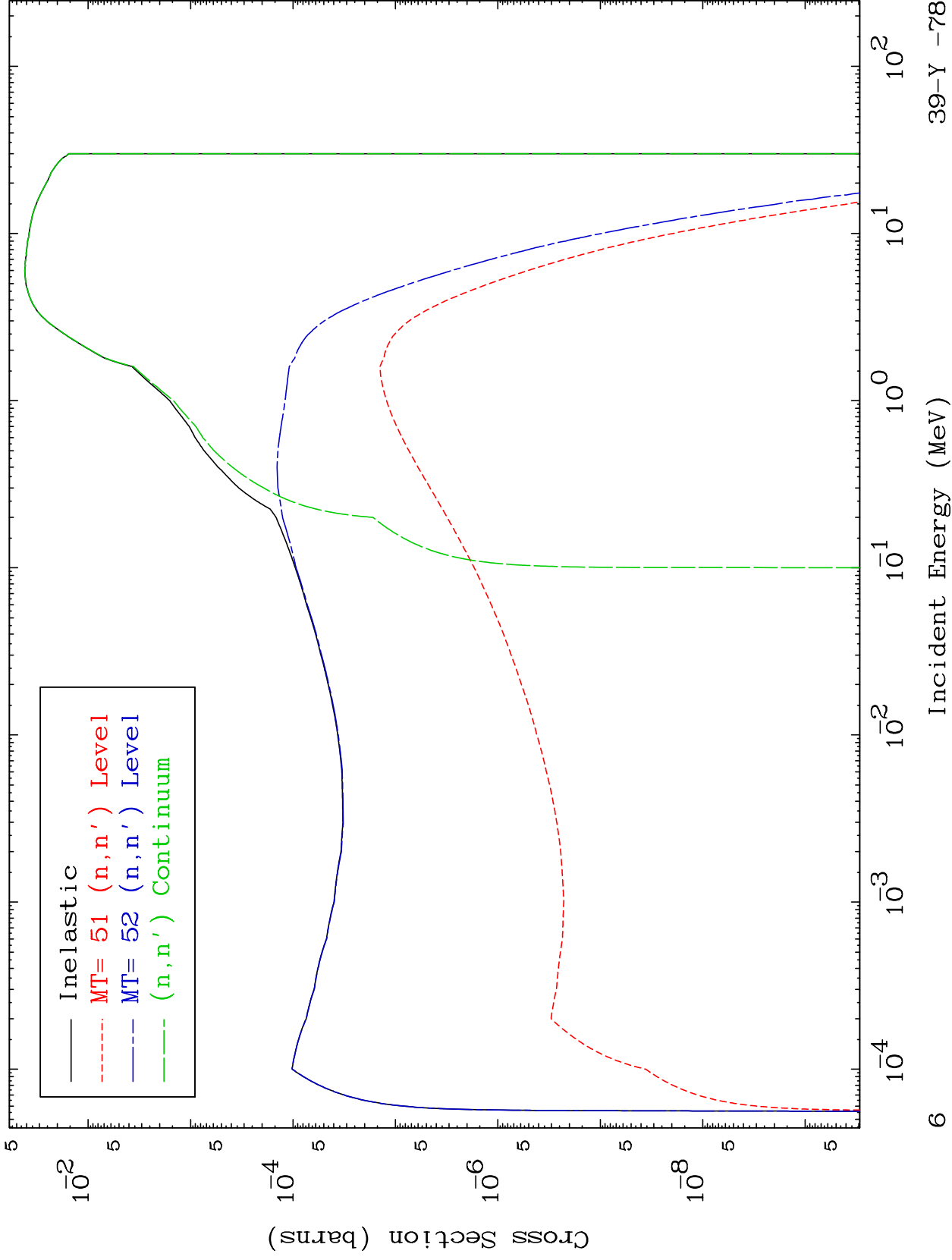
Incident Energy (MeV)

39-Y -78

MAT 3893

293 Kelvin Cross Sections

39-Y -78



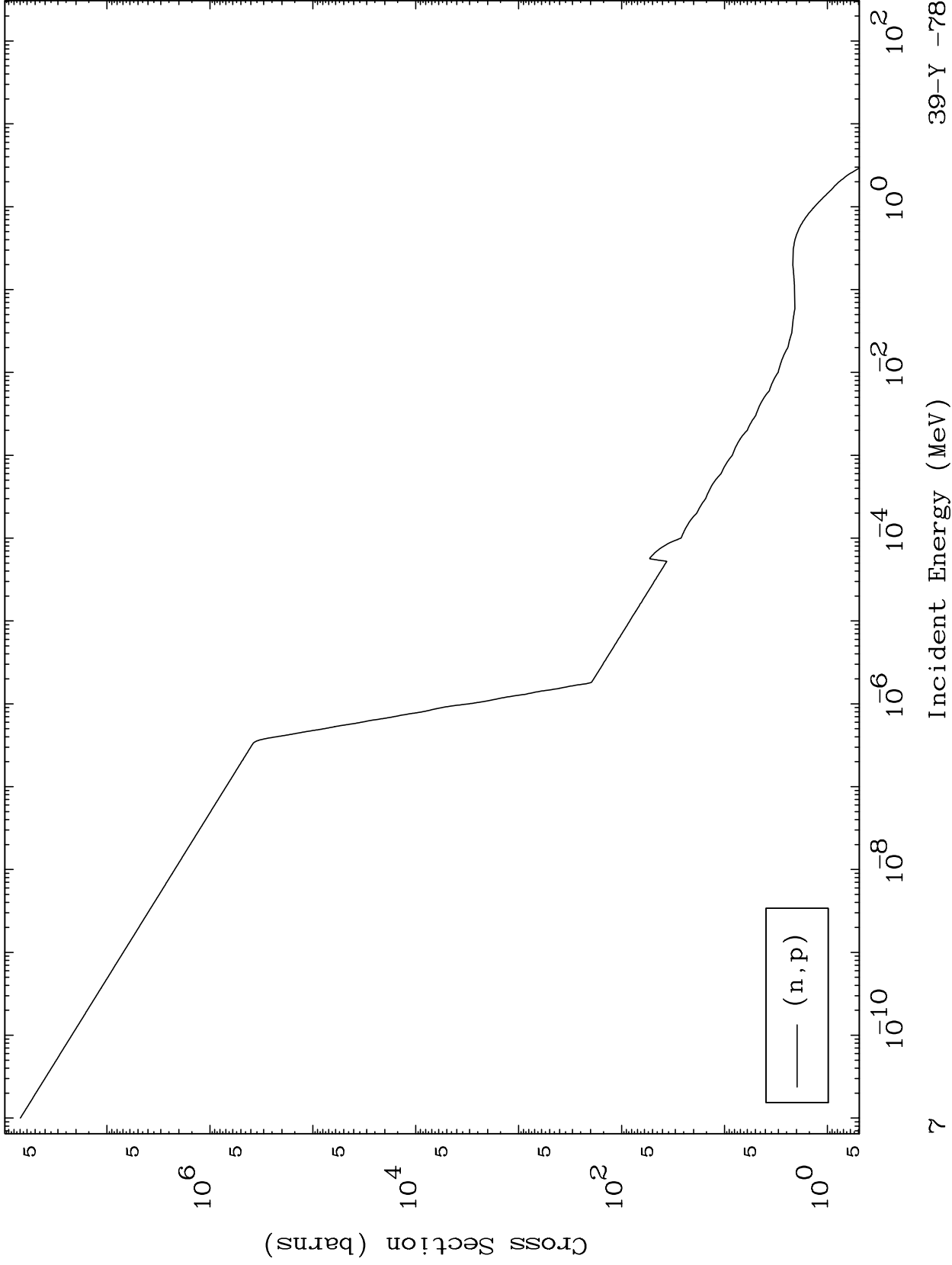
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39-Y -78

MAT 3893

(n,p) Levels
293 Kelvin Cross Sections

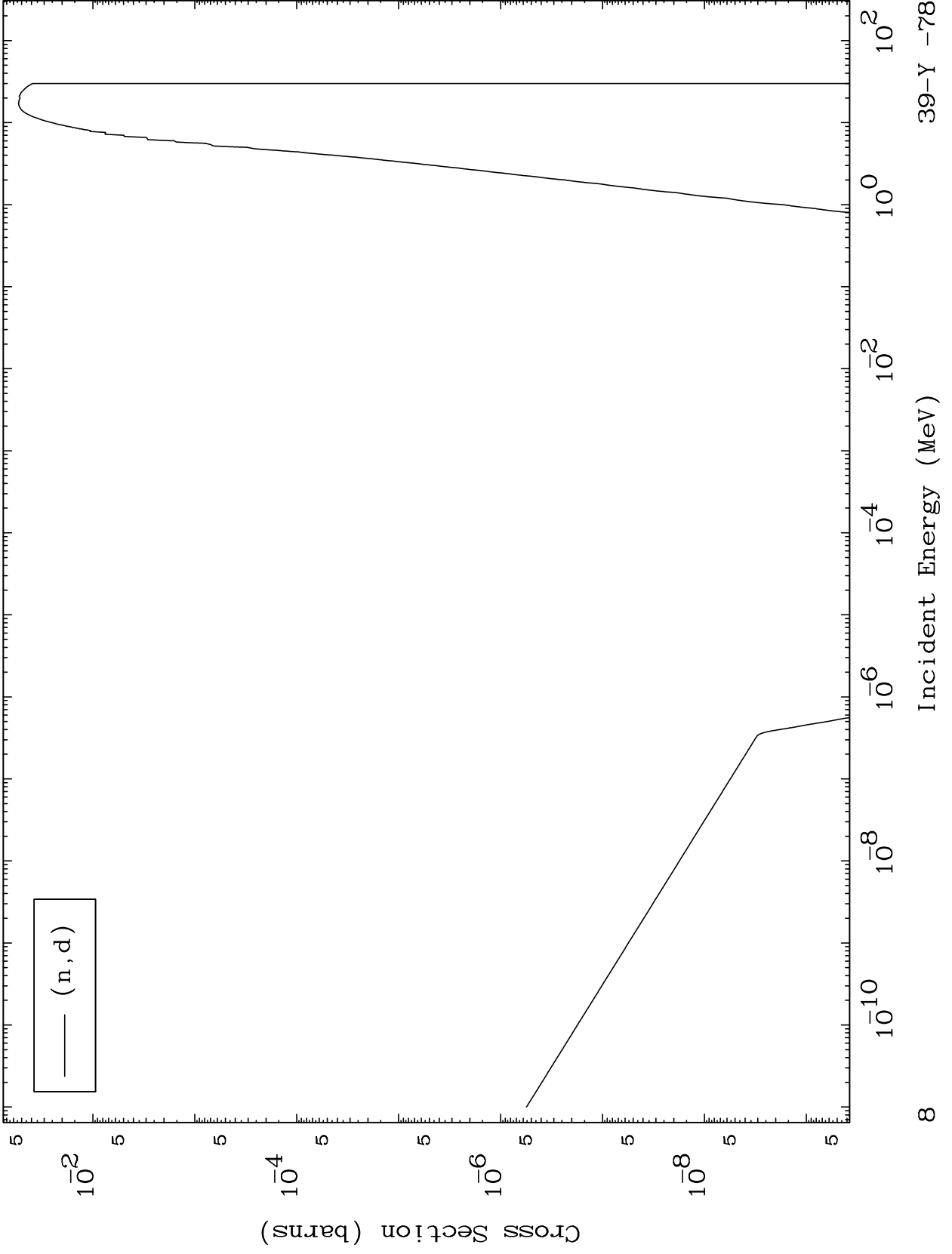
39-Y -78

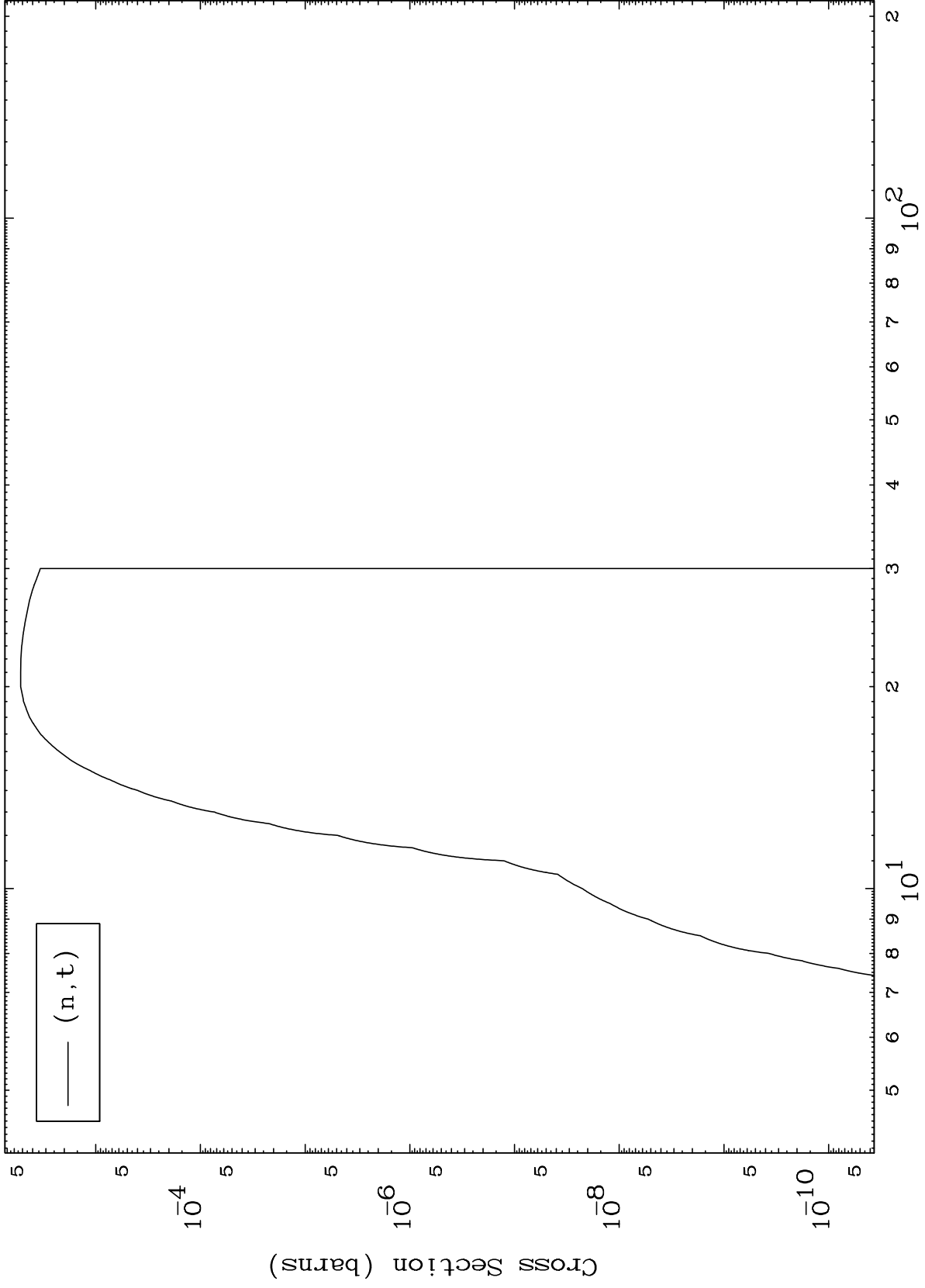


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(n,d) Levels
293 Kelvin Cross Sections

39-Y -78

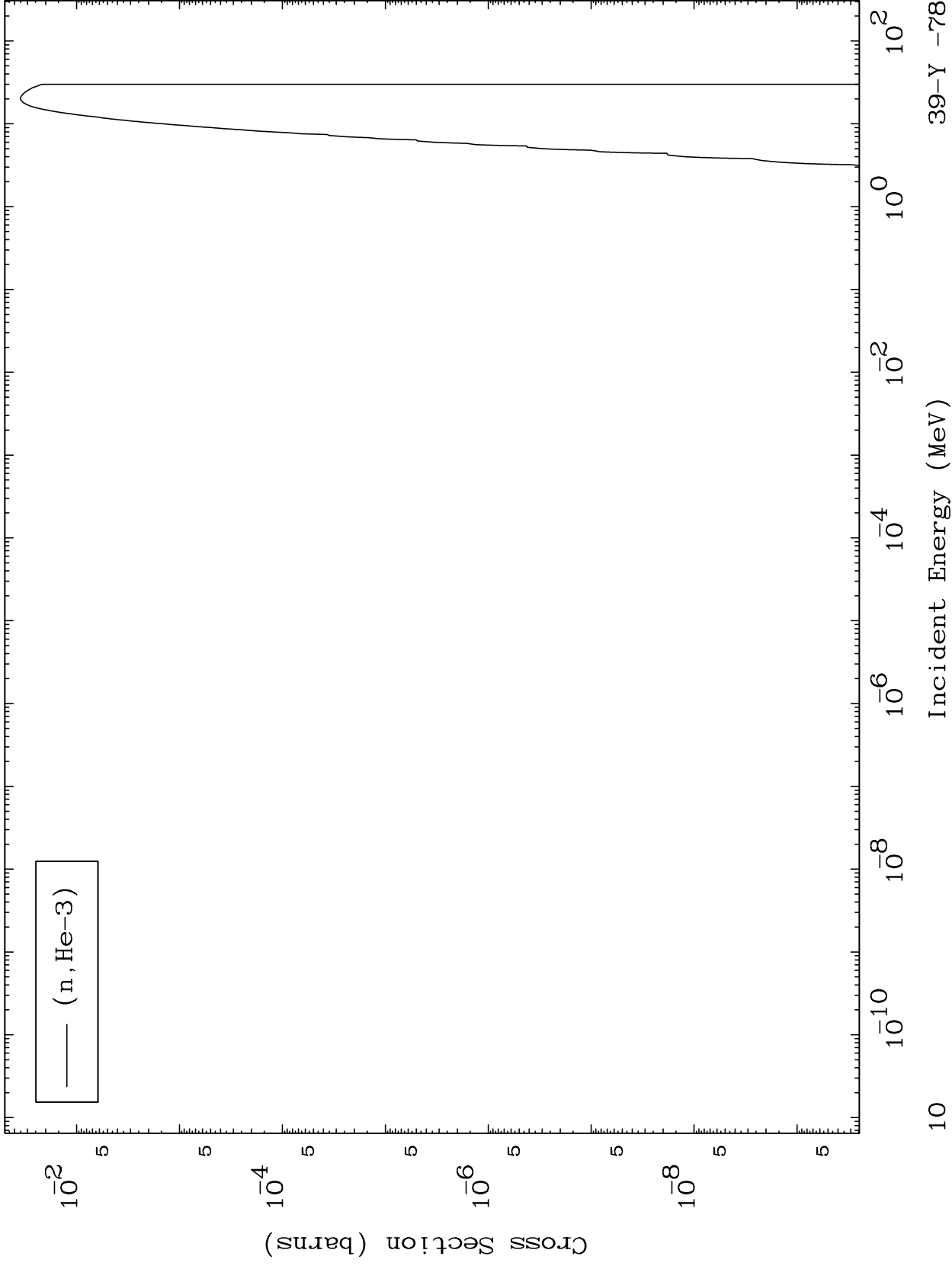




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(n,He3) Levels
293 Kelvin Cross Sections

39-Y -78



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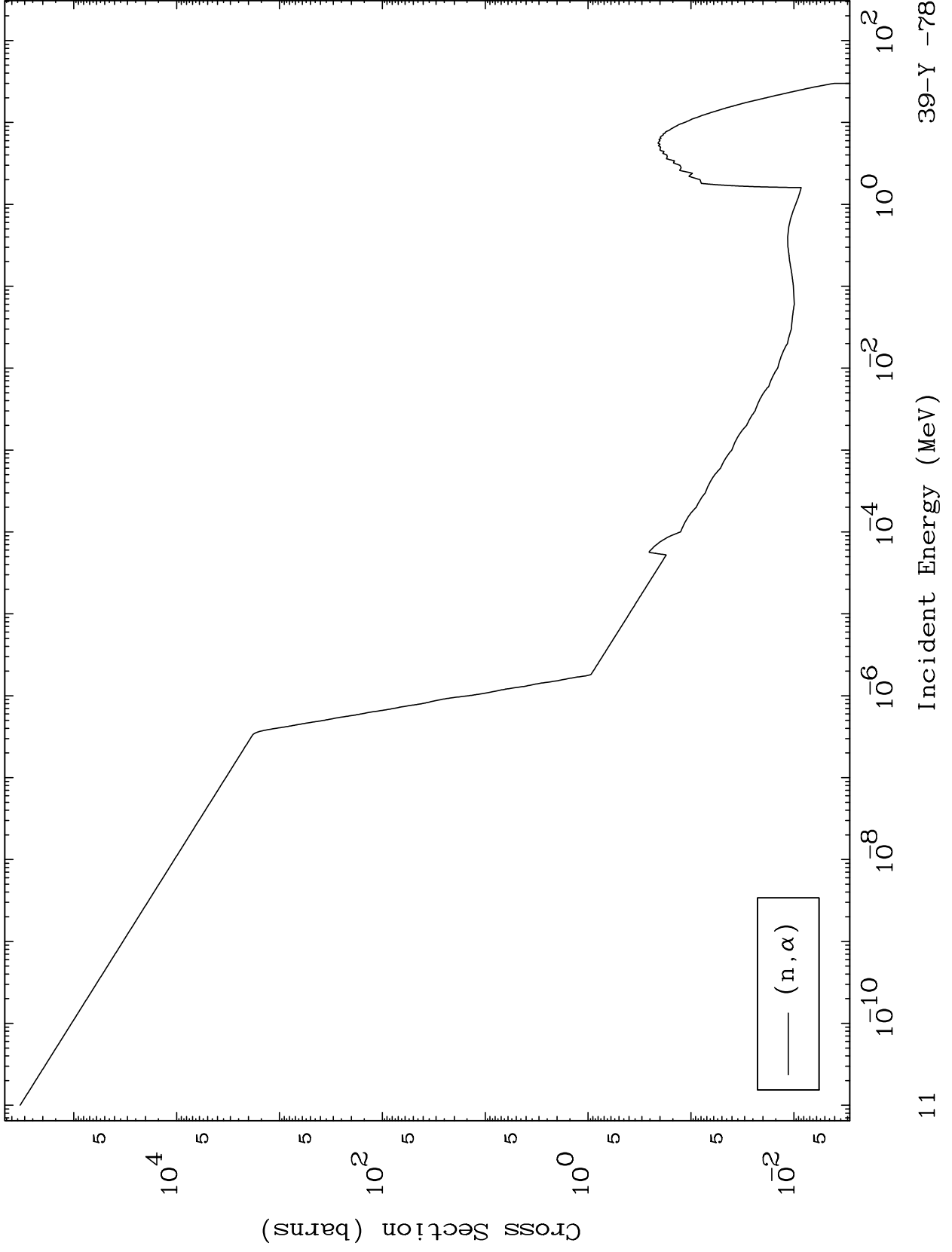
Incident Energy (MeV)

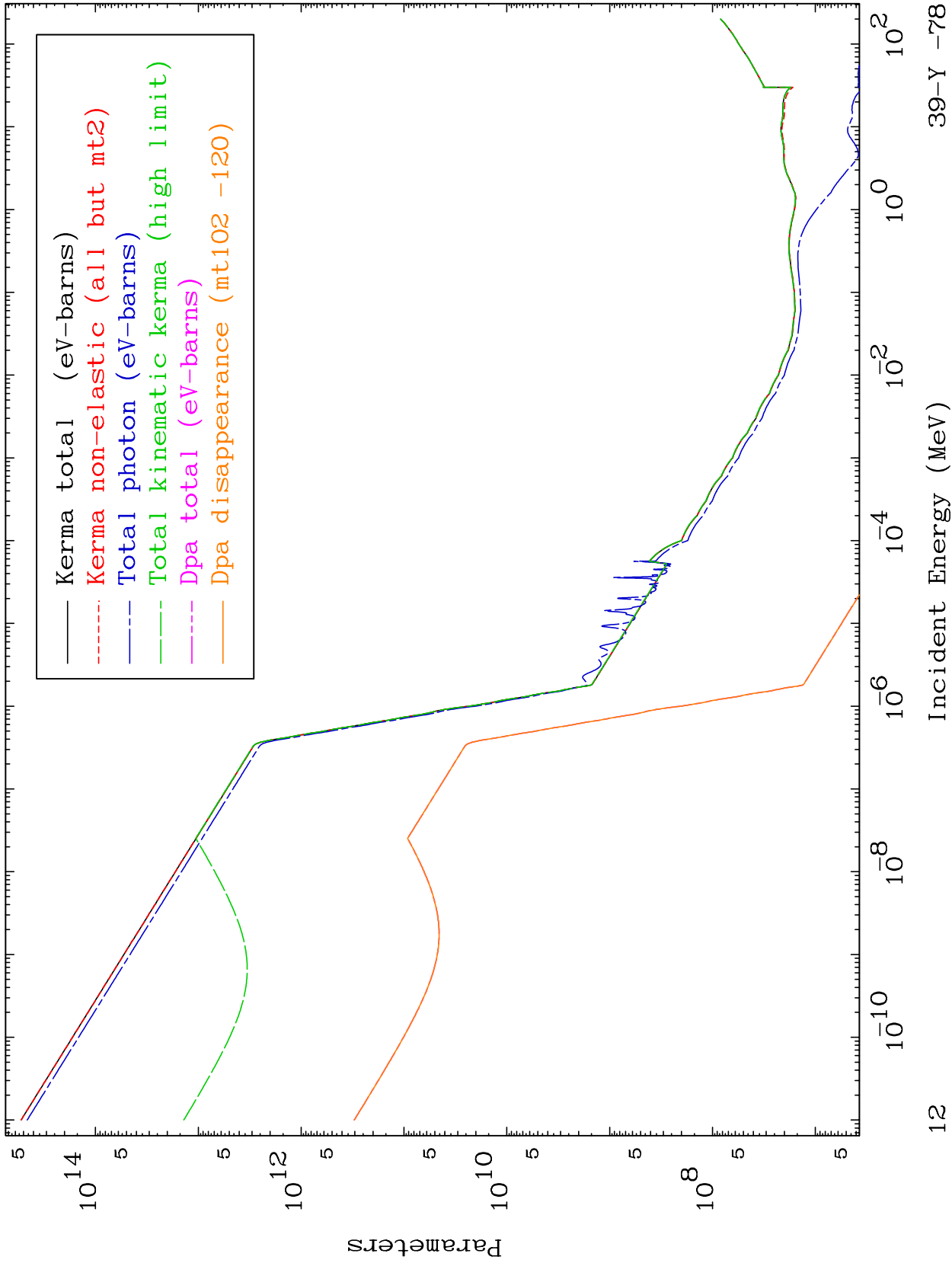
39-Y -78

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(n,α) Levels
293 Kelvin Cross Sections

39-Y -78





MAT 3893

Elastic Legendre Coefficients

39-Y -78



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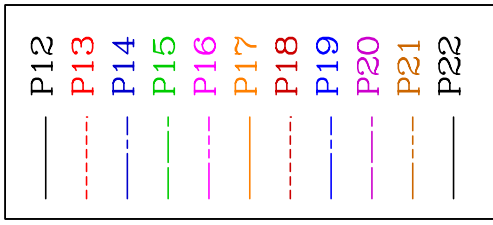
Incident Energy (MeV)

39-Y -78

MAT 3893

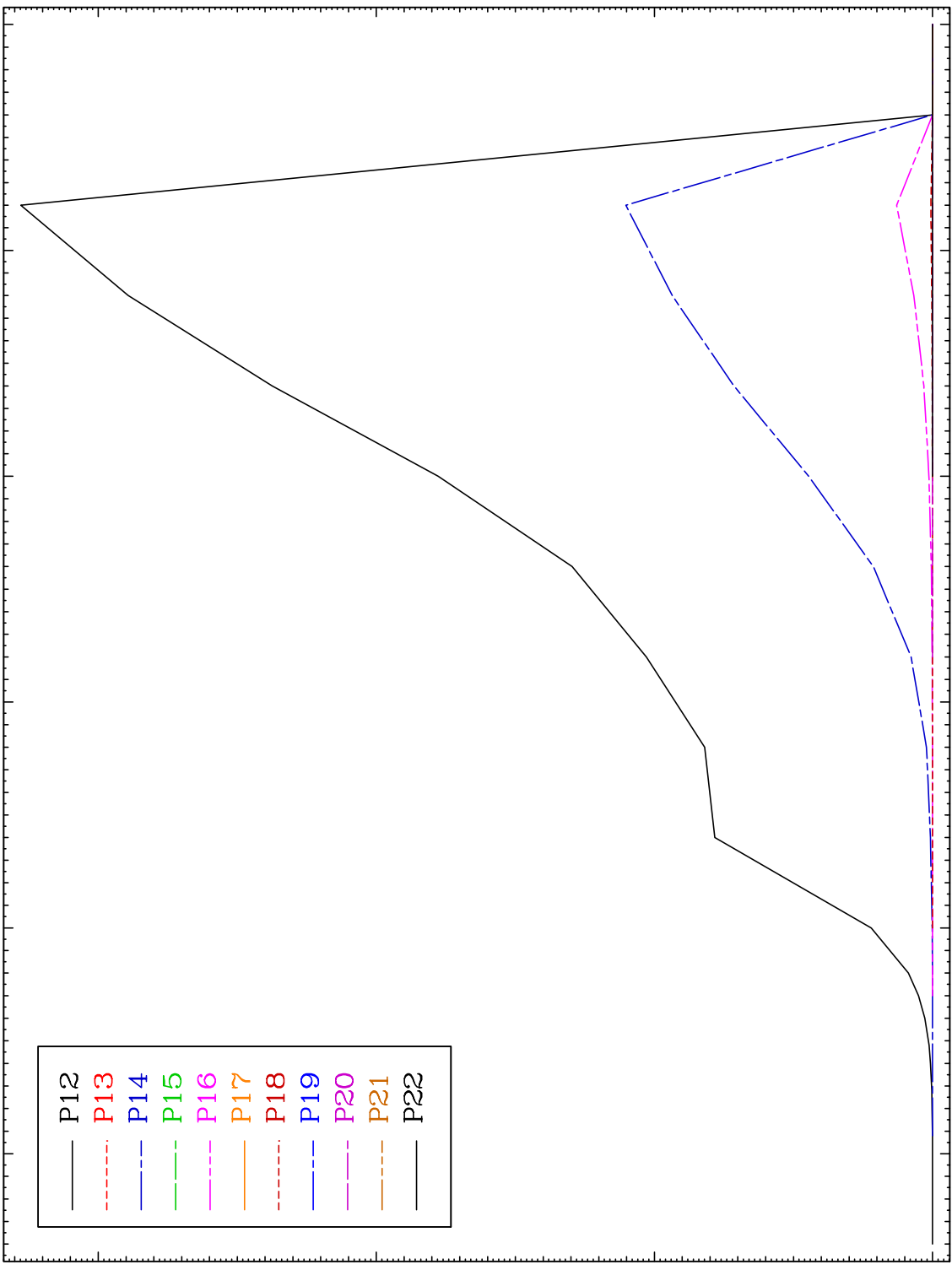
Elastic Legendre Coefficients

39-Y -78



$\times 10^{-4}$
1.5
1.0
0.5
0.0

Legendre (CM)



5 10 15 20 25 30

Incident Energy (MeV)

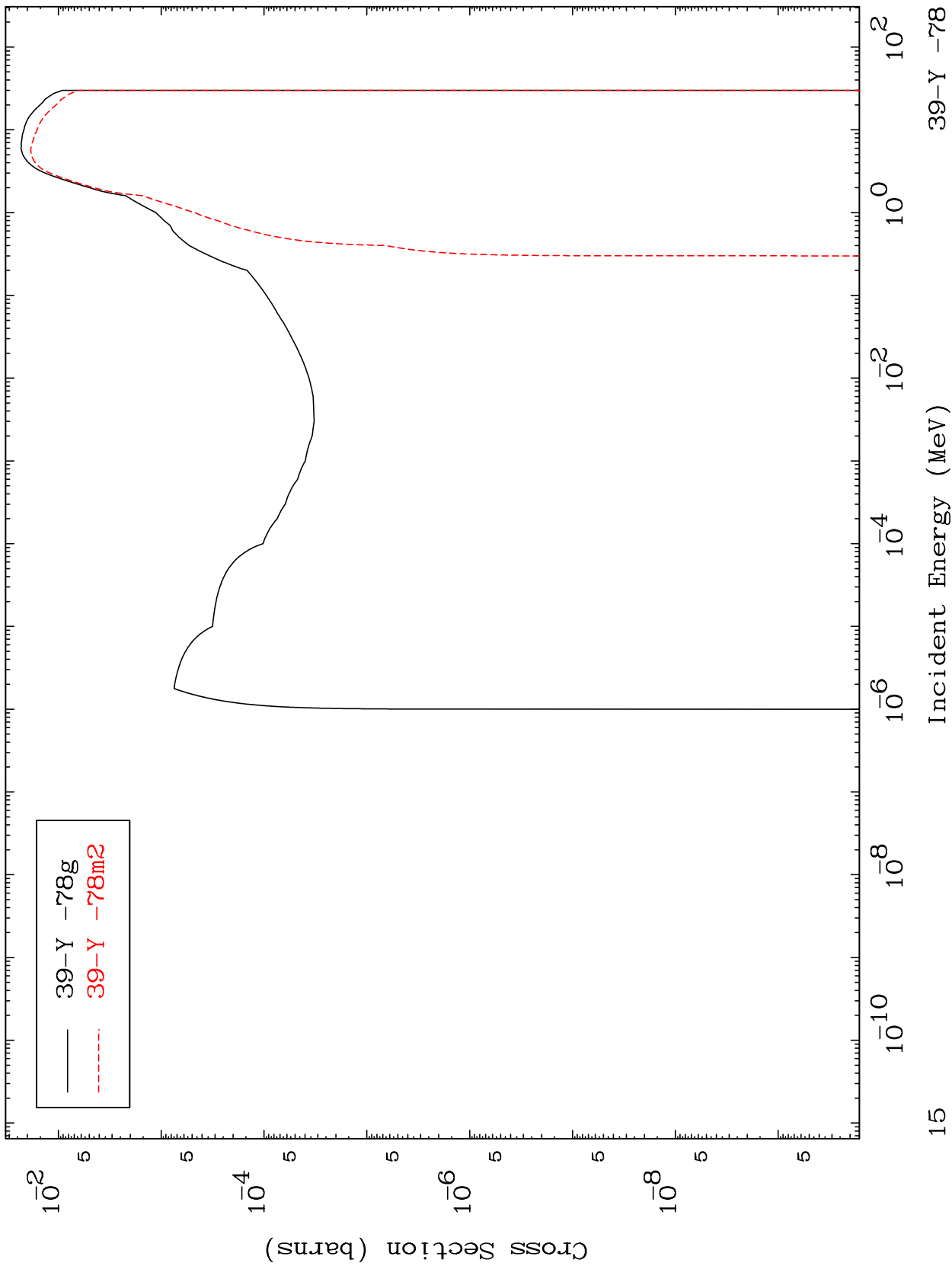
39-Y -78

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MAT 3893

39-Y -78

Inelastic
Radionuclide Production Cross Section

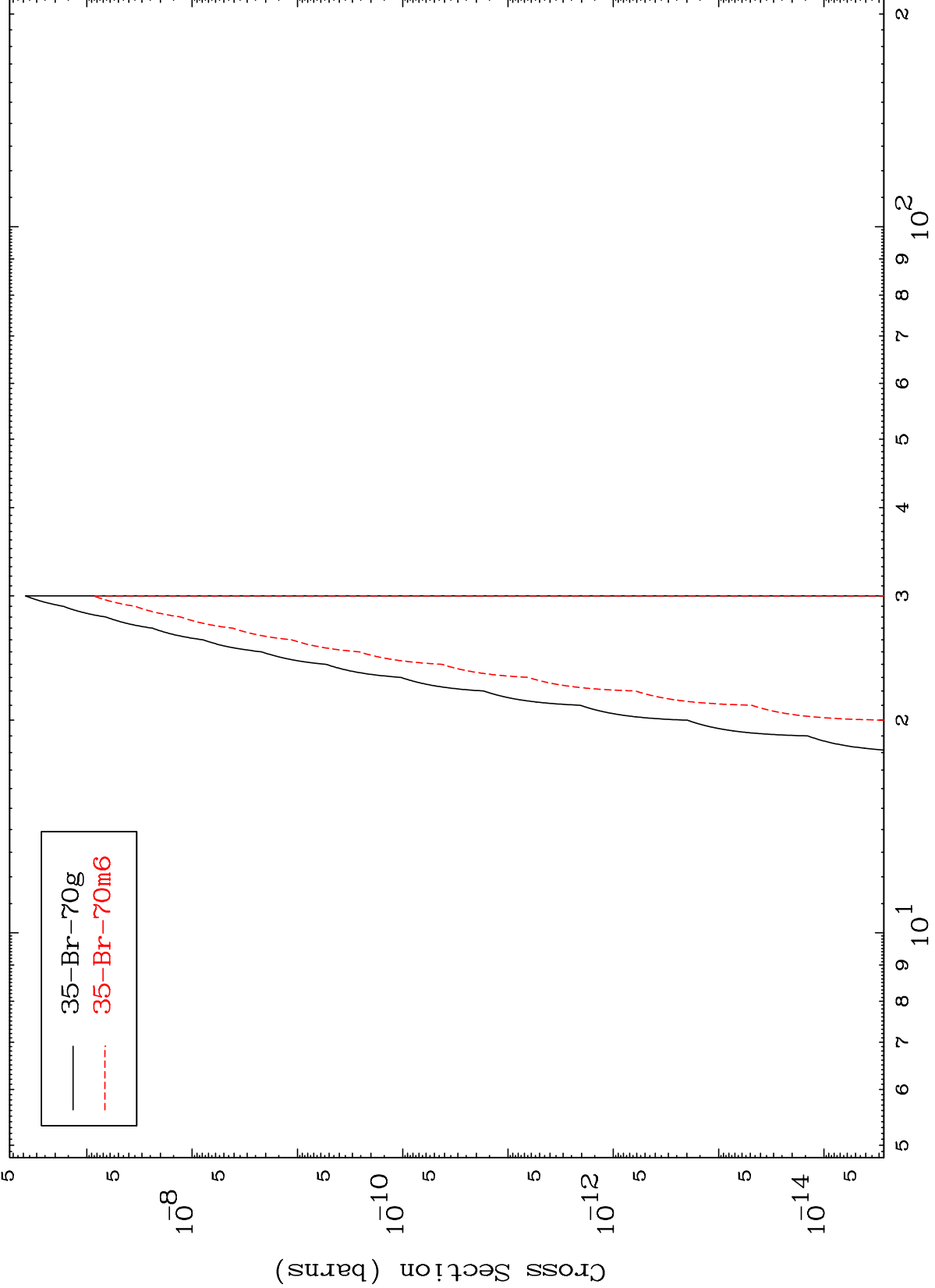


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(n,n') 2α

39-Y -78

Radionuclide Production Cross Section



16

Incident Energy (MeV)

39-Y -78