

Program EVALPLOT
(Version 2015-2)

by

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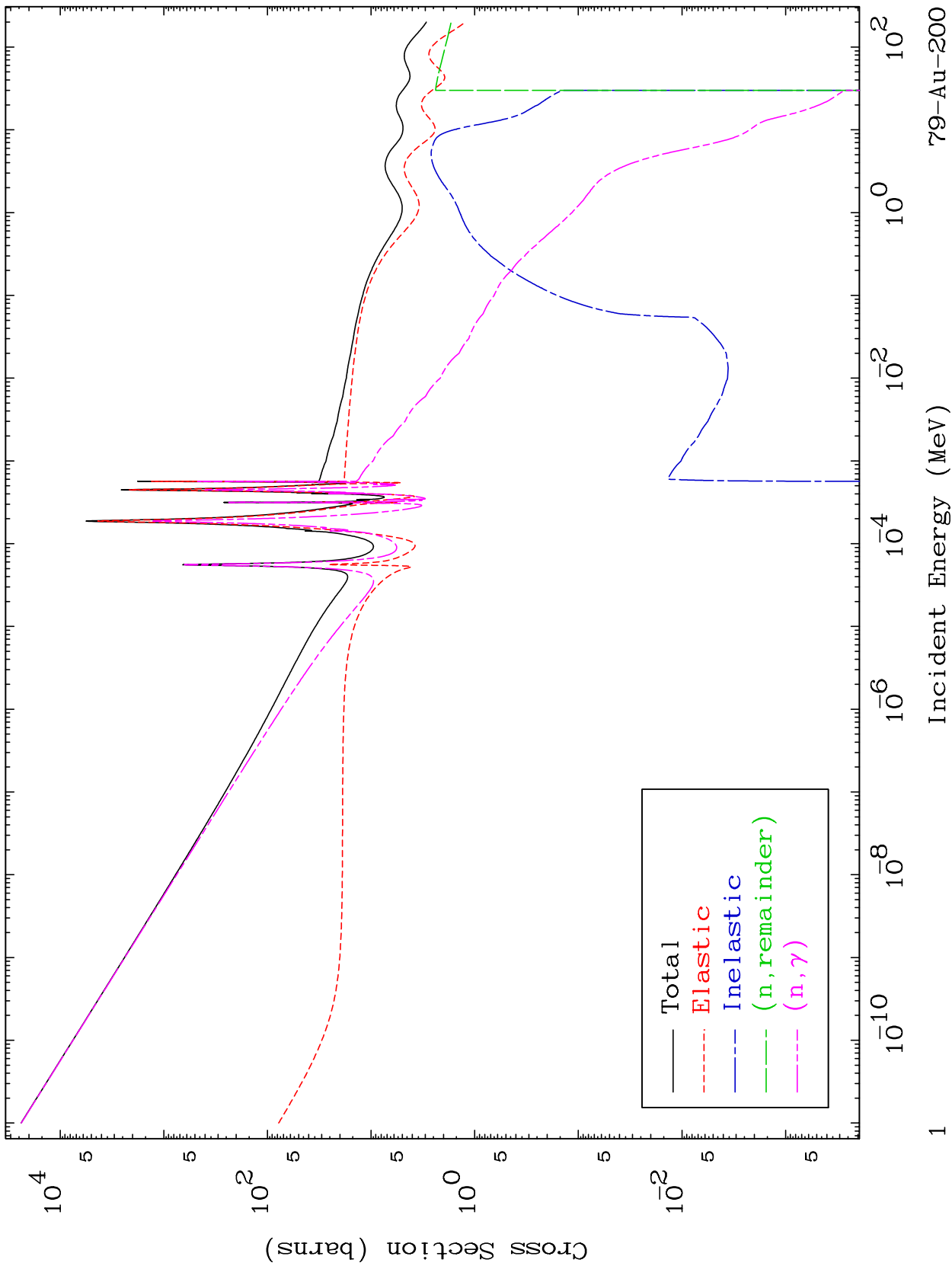
Press Mouse Button to Start

MAT 7935

Major

293 Kelvin Cross Sections

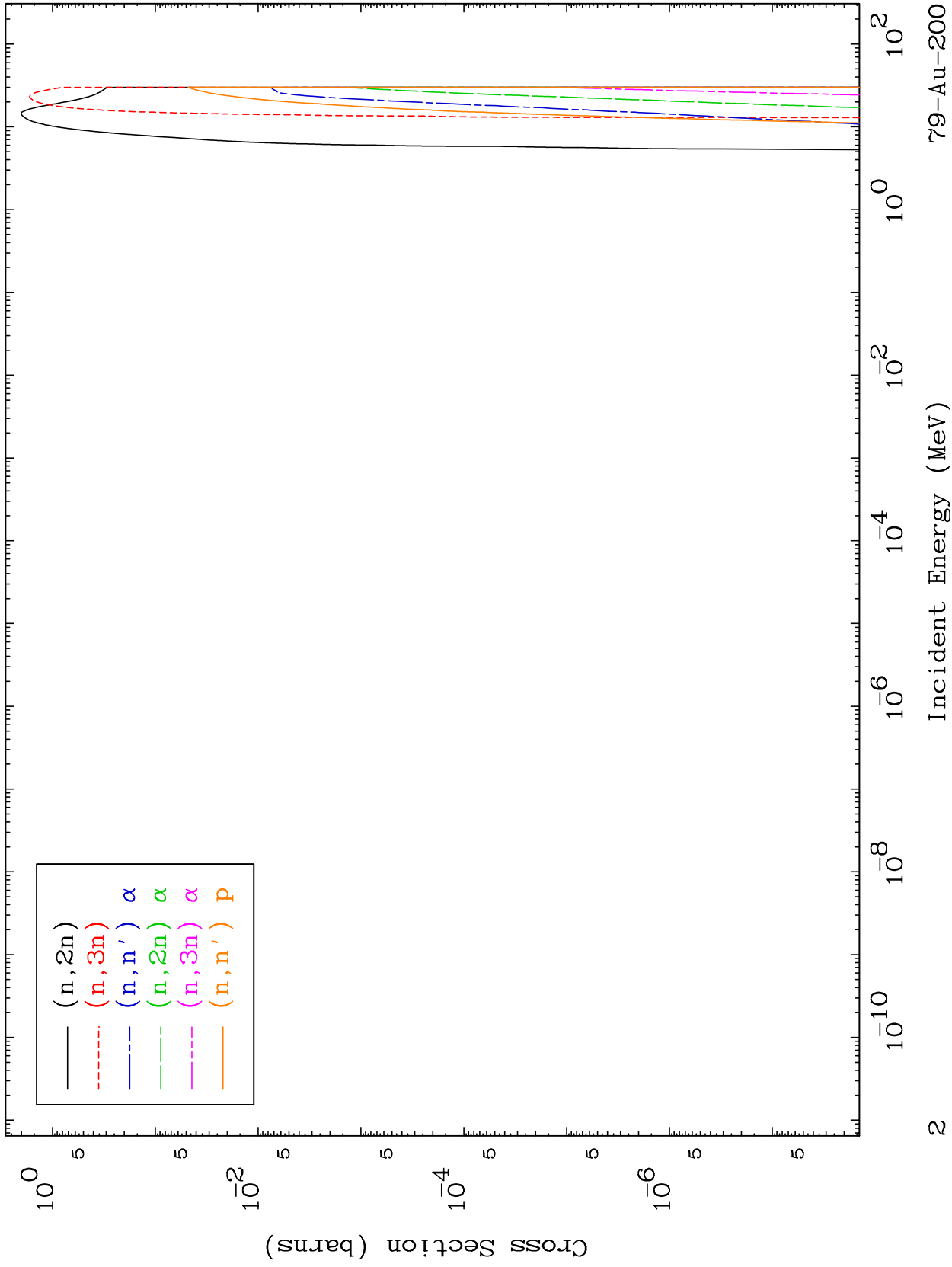
79-Au-200



MAT 7935

Neutron Production
293 Kelvin Cross Sections

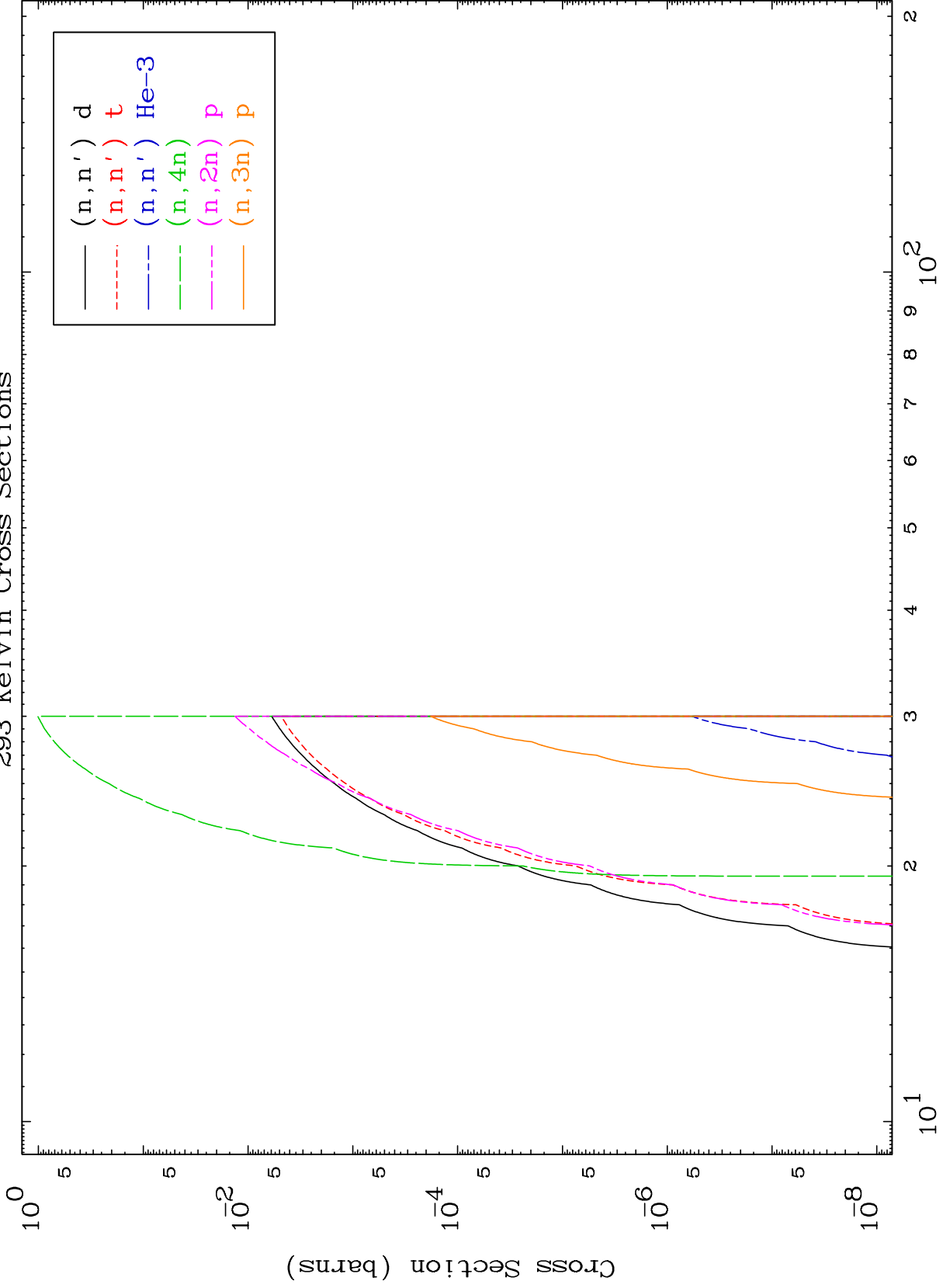
79-Au-200



MAT 7935

Neutron Production
293 Kelvin Cross Sections

79-Au-200



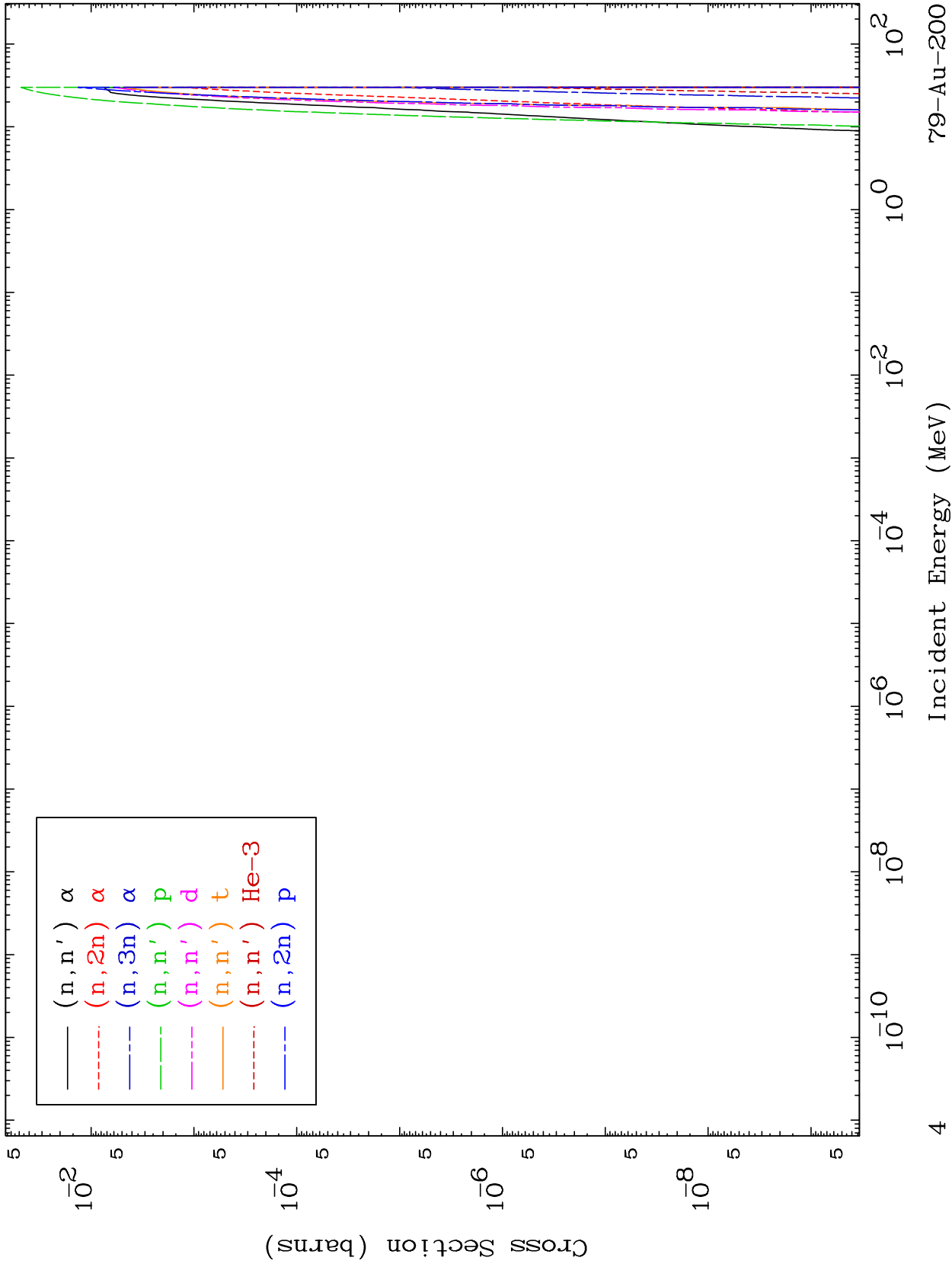
Incident Energy (MeV)

79-Au-200

MAT 7935

Charged Particle
293 Kelvin Cross Sections

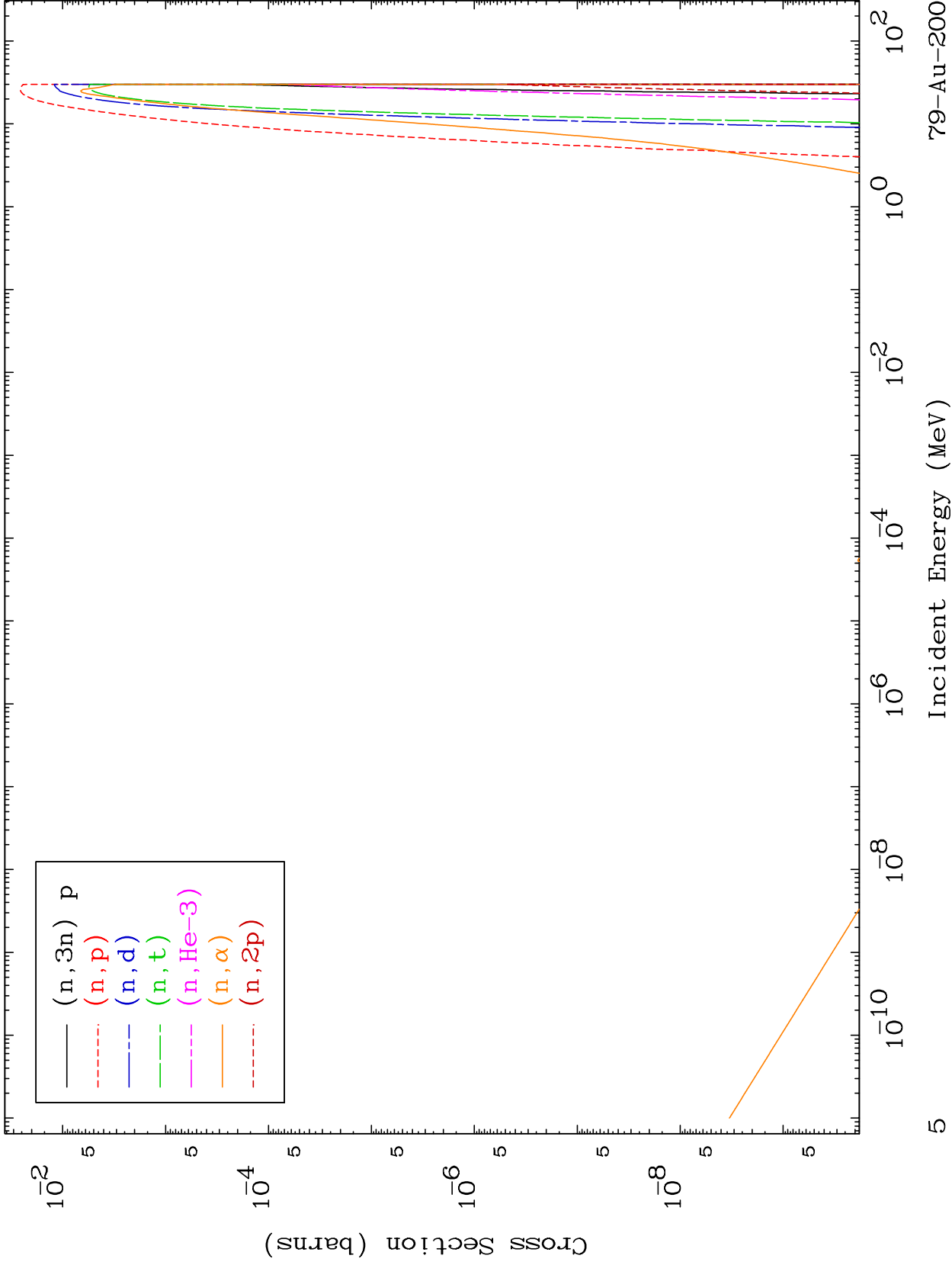
79-Au-200



MAT 7935

Charged Particle
293 Kelvin Cross Sections

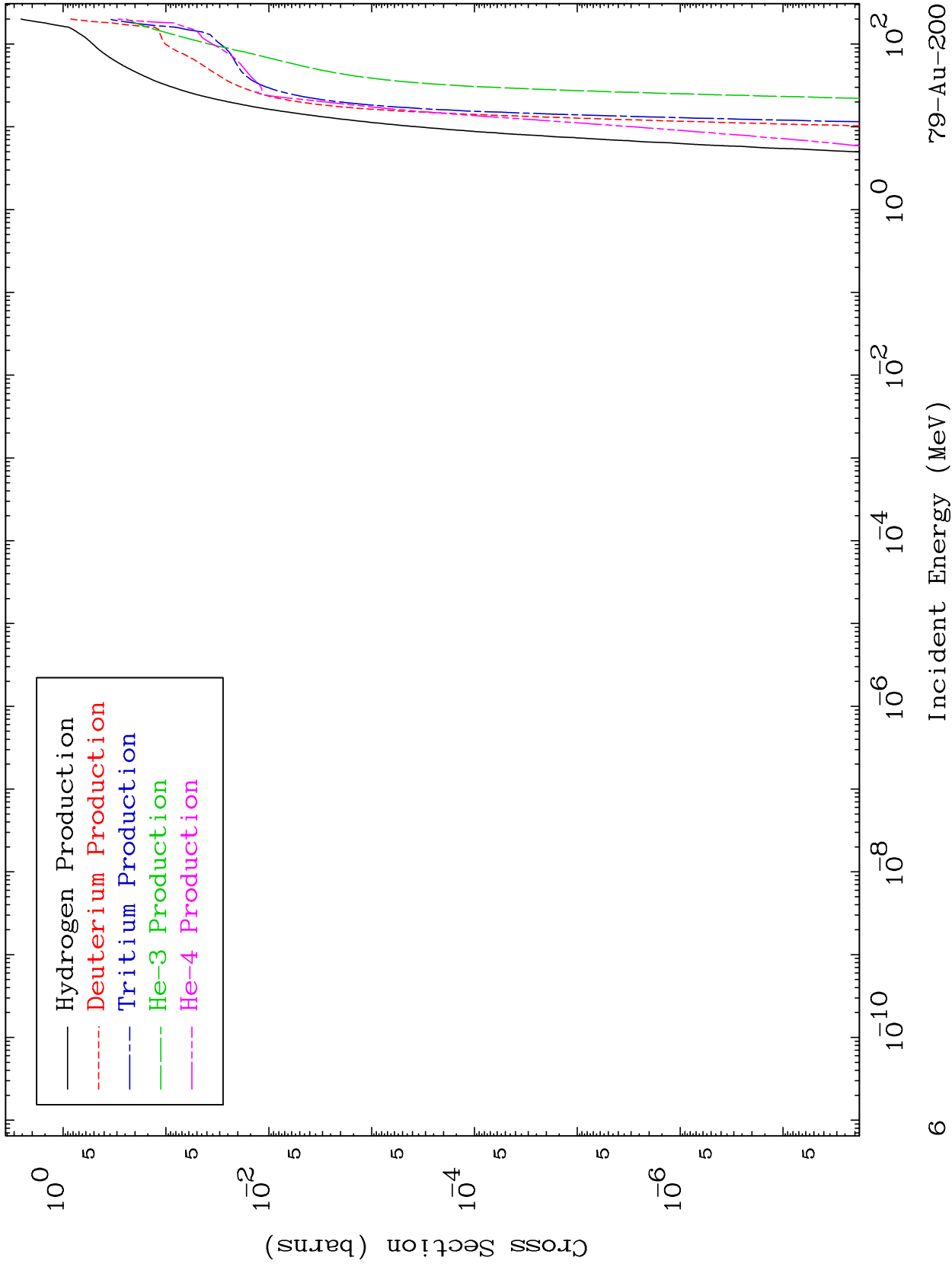
79-Au-200



MAT 7935

Particle Production
293 Kelvin Cross Sections

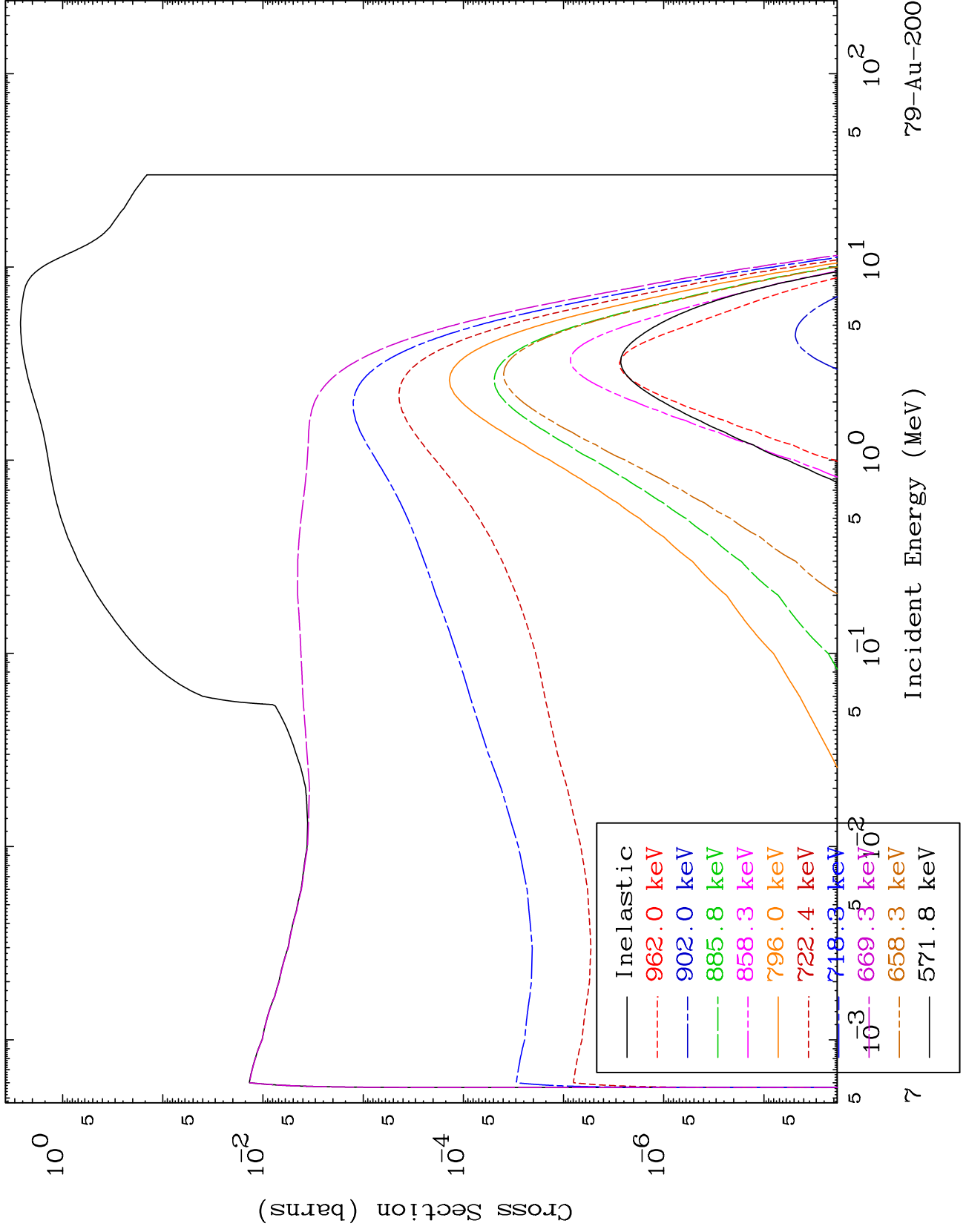
79-Au-200



MAT 7935

(n,n') Level
293 Kelvin Cross Sections

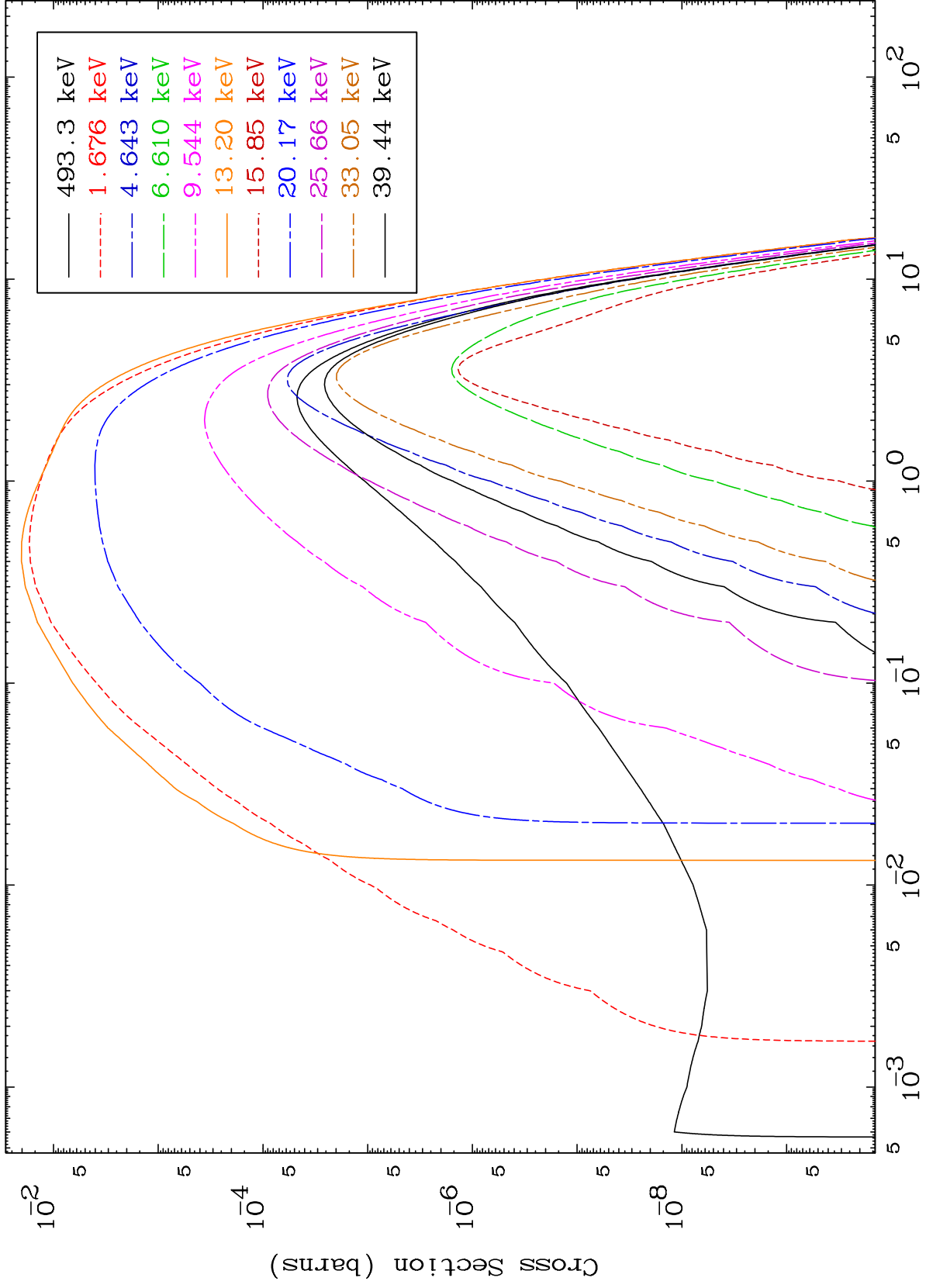
79-Au-200



MAT 7935

(n,n') Level
293 Kelvin Cross Sections

79-Au-200



8

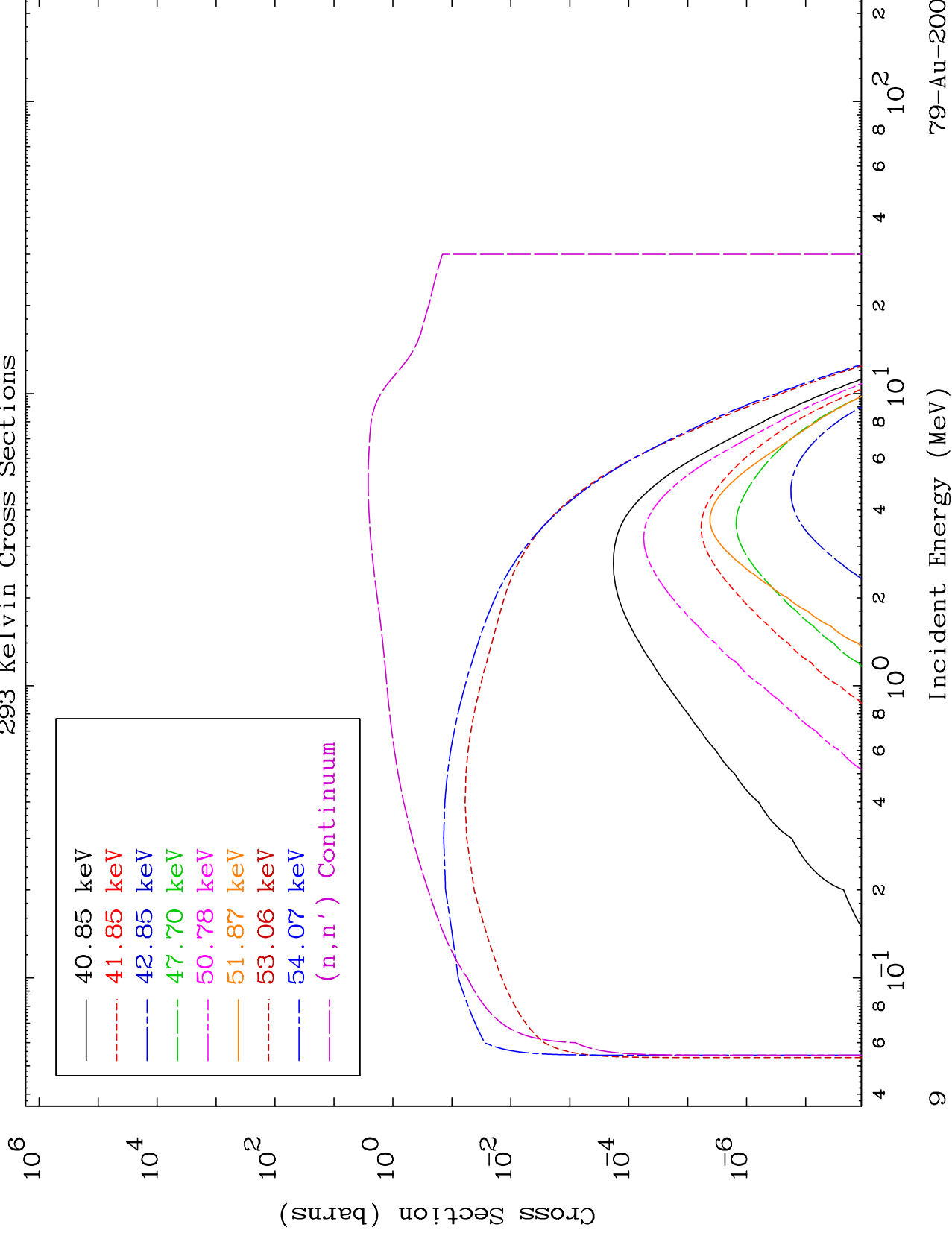
Incident Energy (MeV)

79-Au-200

MAT 7935

(n,n') Level
293 Kelvin Cross Sections

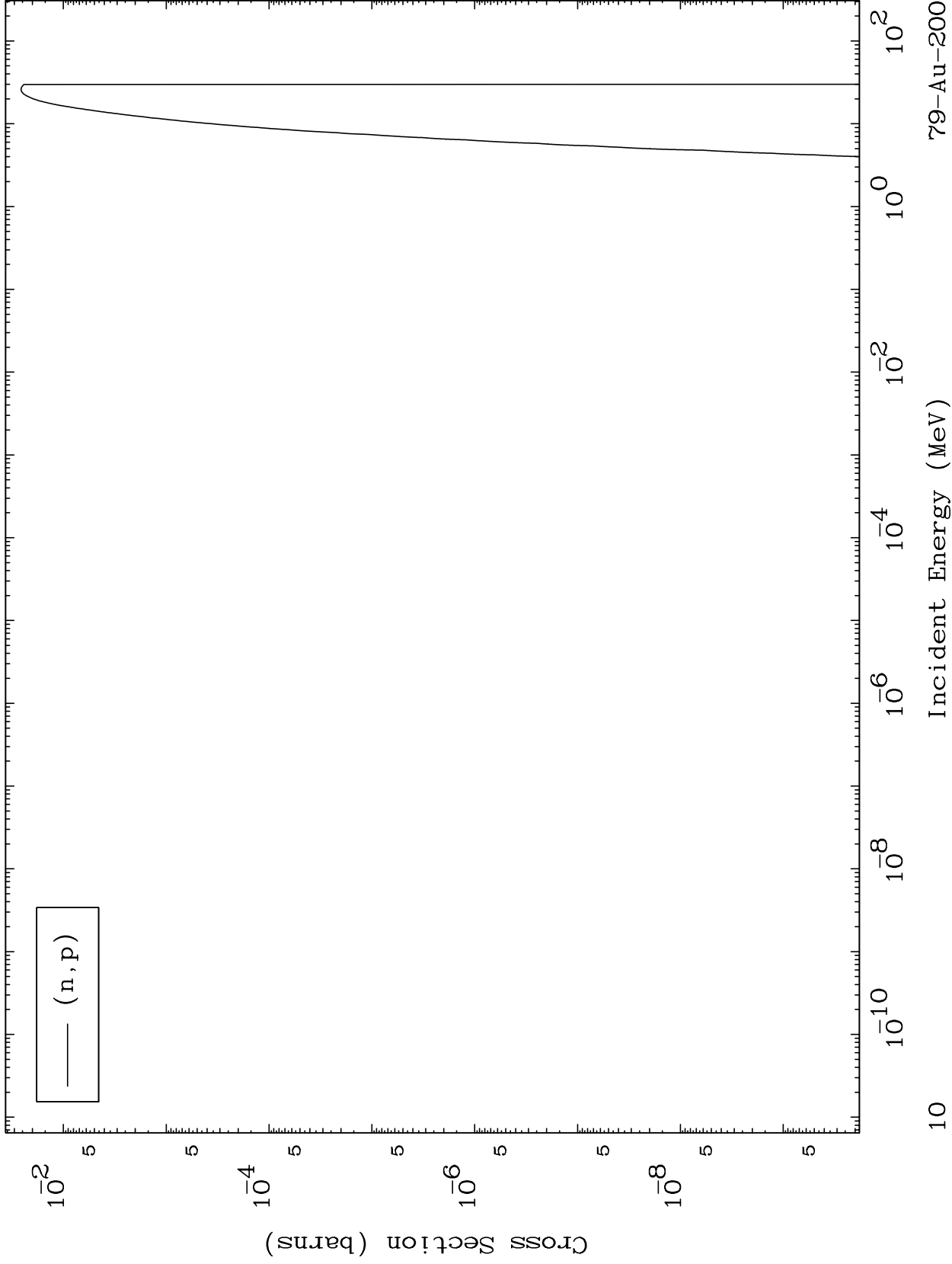
79-Au-200



MAT 7935

(n,p) Levels
293 Kelvin Cross Sections

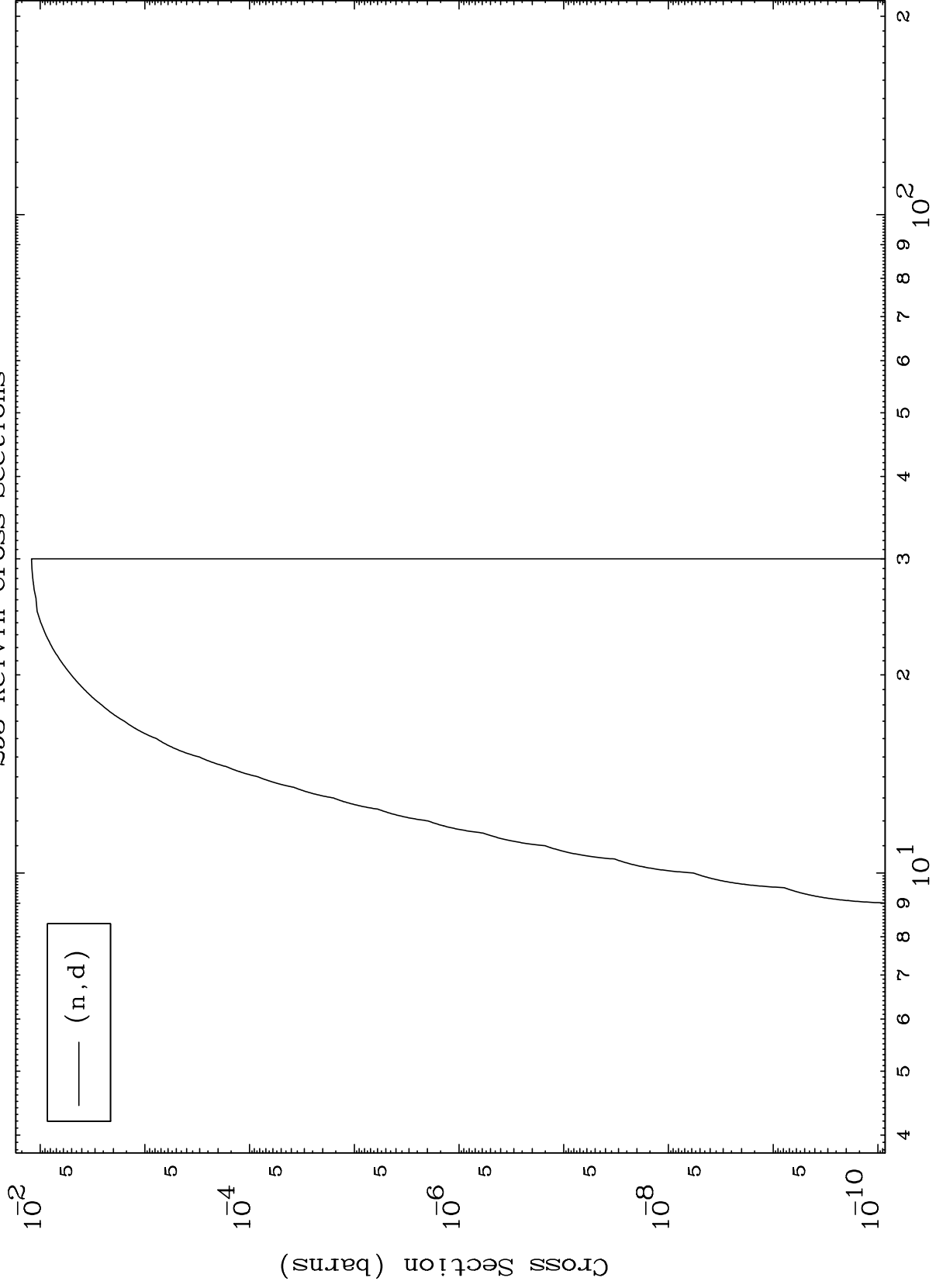
79-Au-200



MAT 7935

(n,d) Levels
293 Kelvin Cross Sections

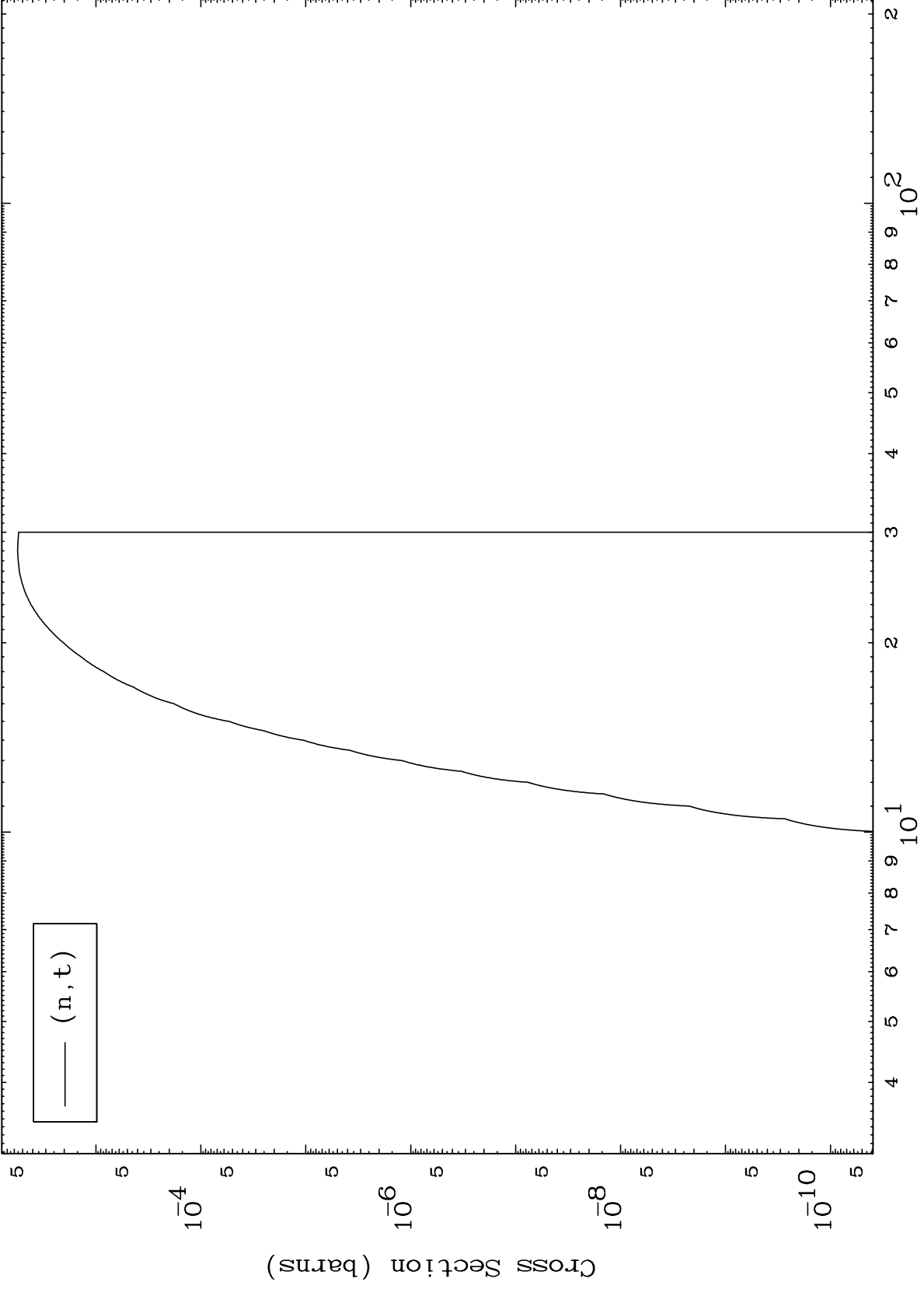
79-Au-200



MAT 7935

(n,t) Levels
293 Kelvin Cross Sections

79-Au-200



12

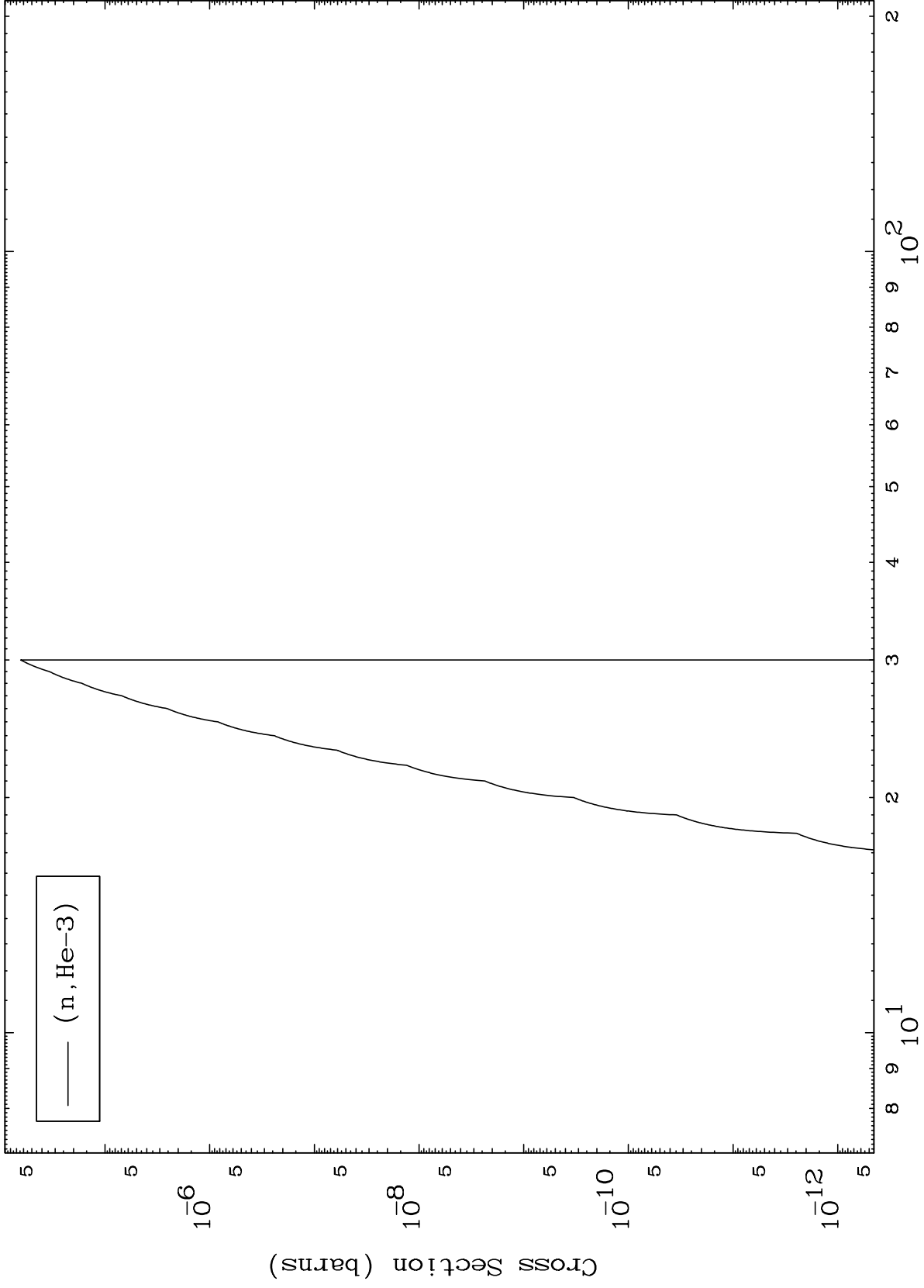
Incident Energy (MeV)

79-Au-200

MAT 7935

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-200



13

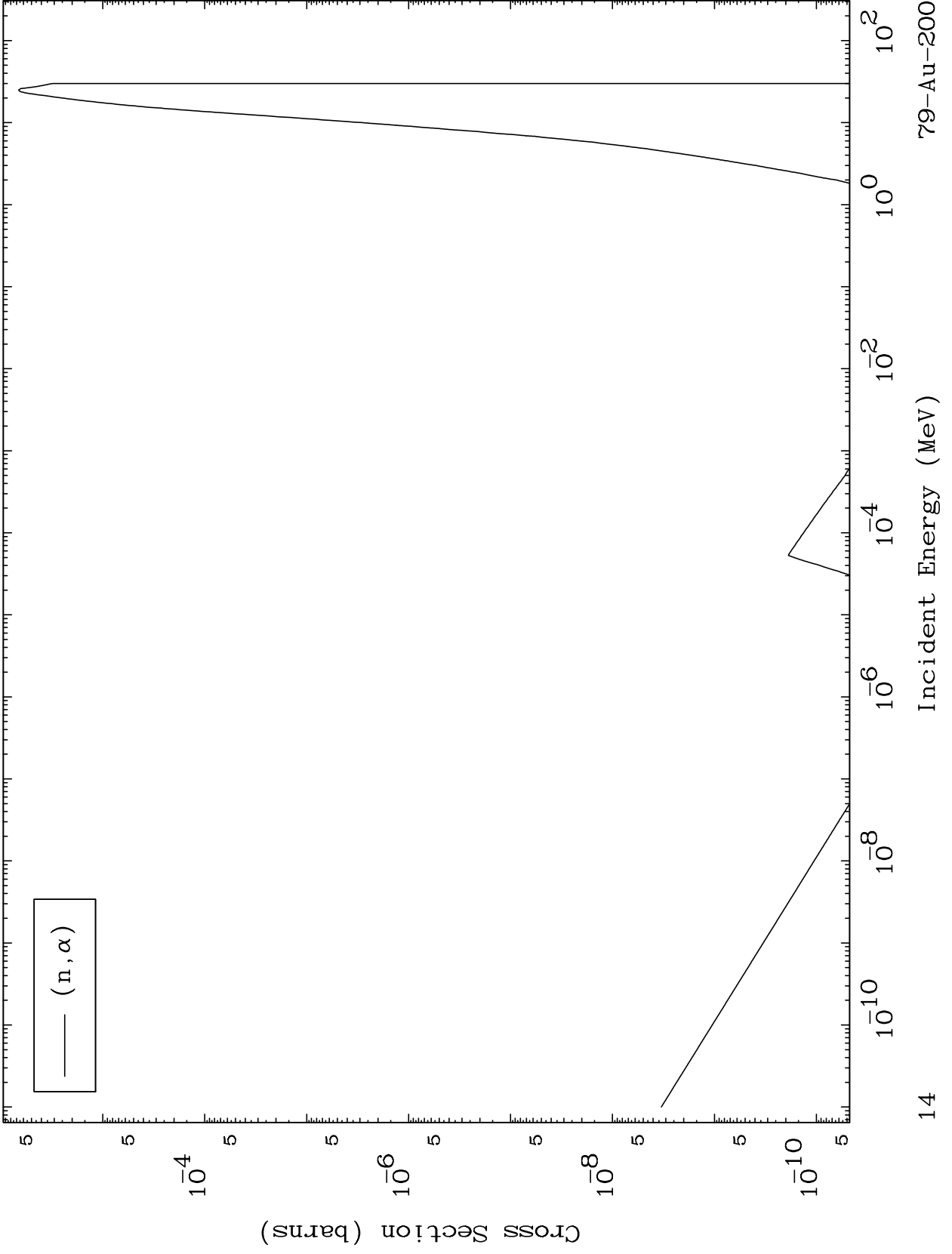
Incident Energy (MeV)

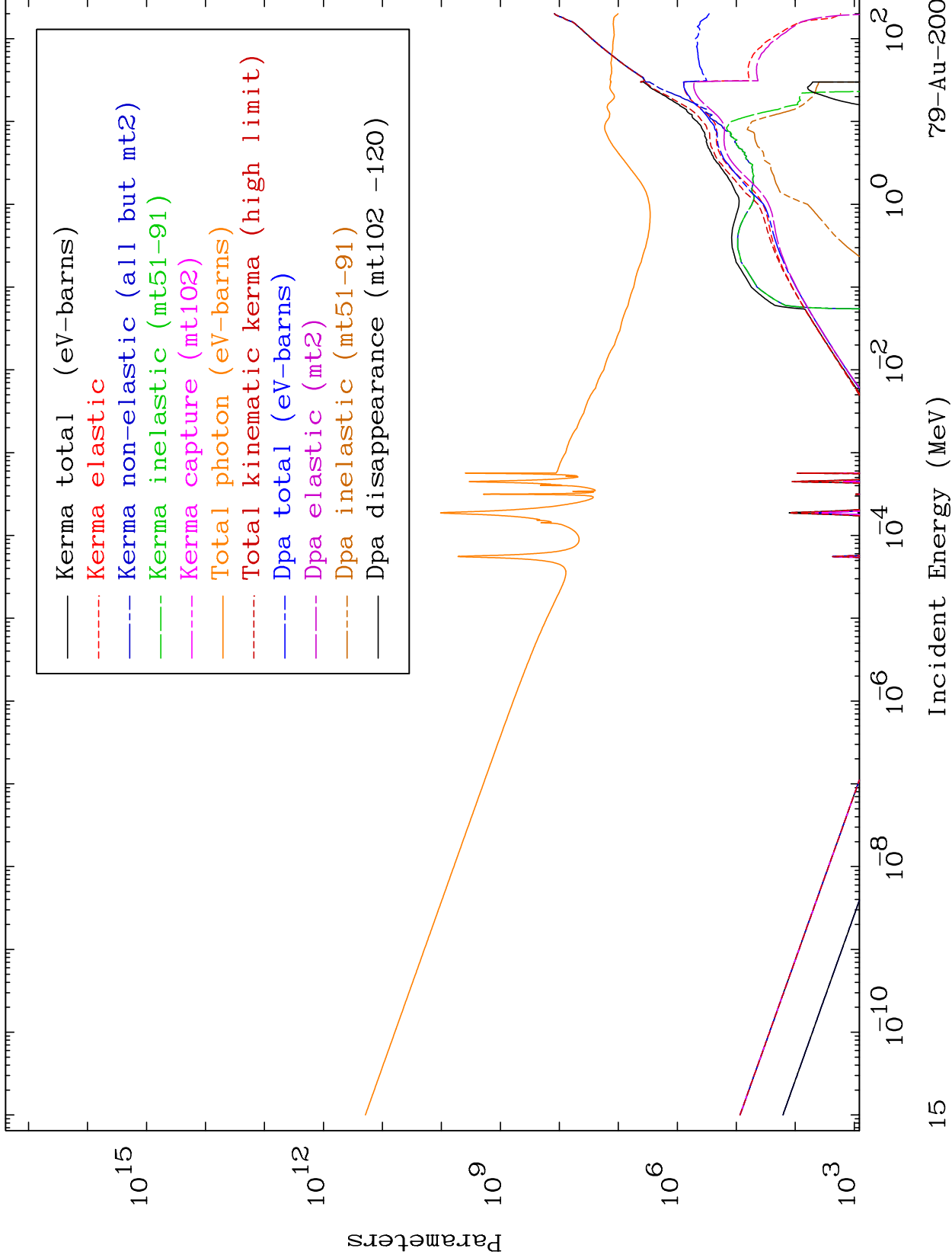
79-Au-200

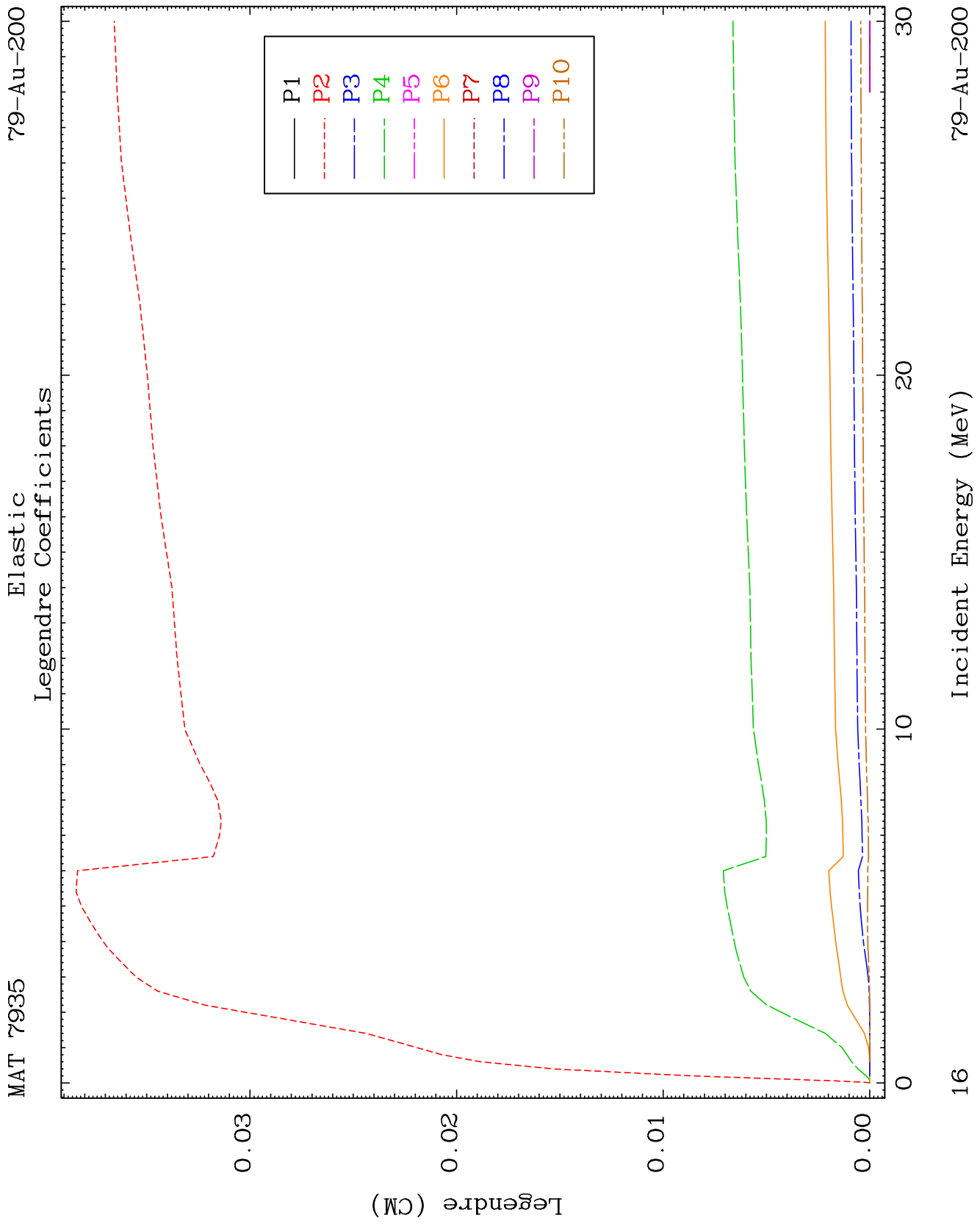
MAT 7935

(n, α) Levels
293 Kelvin Cross Sections

79-Au-200



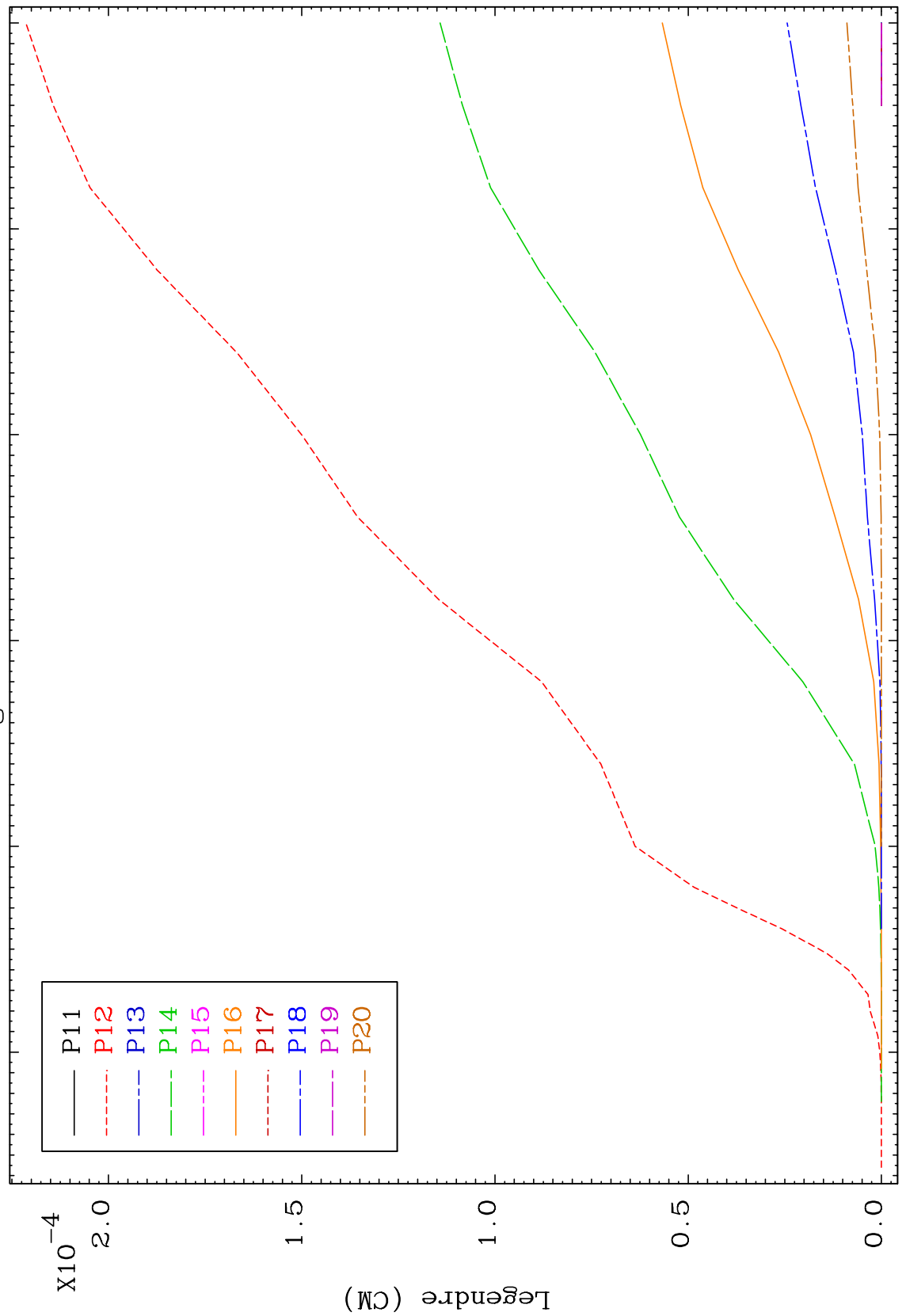




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Elastic Legendre Coefficients

79-Au-200



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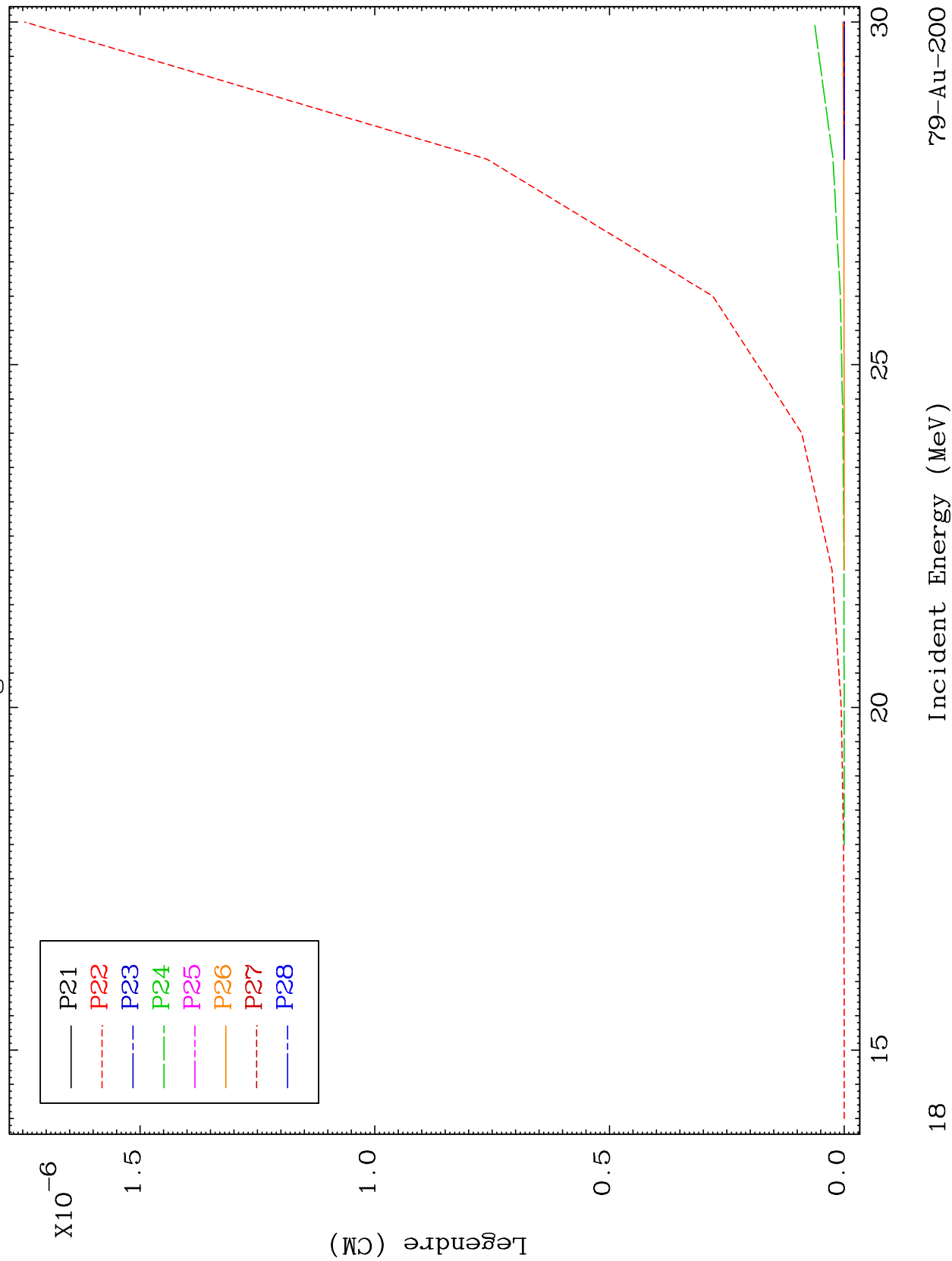
79-Au-200

Incident Energy (MeV)

MAT 7935

Elastic
Legendre Coefficients

79-Au-200



18

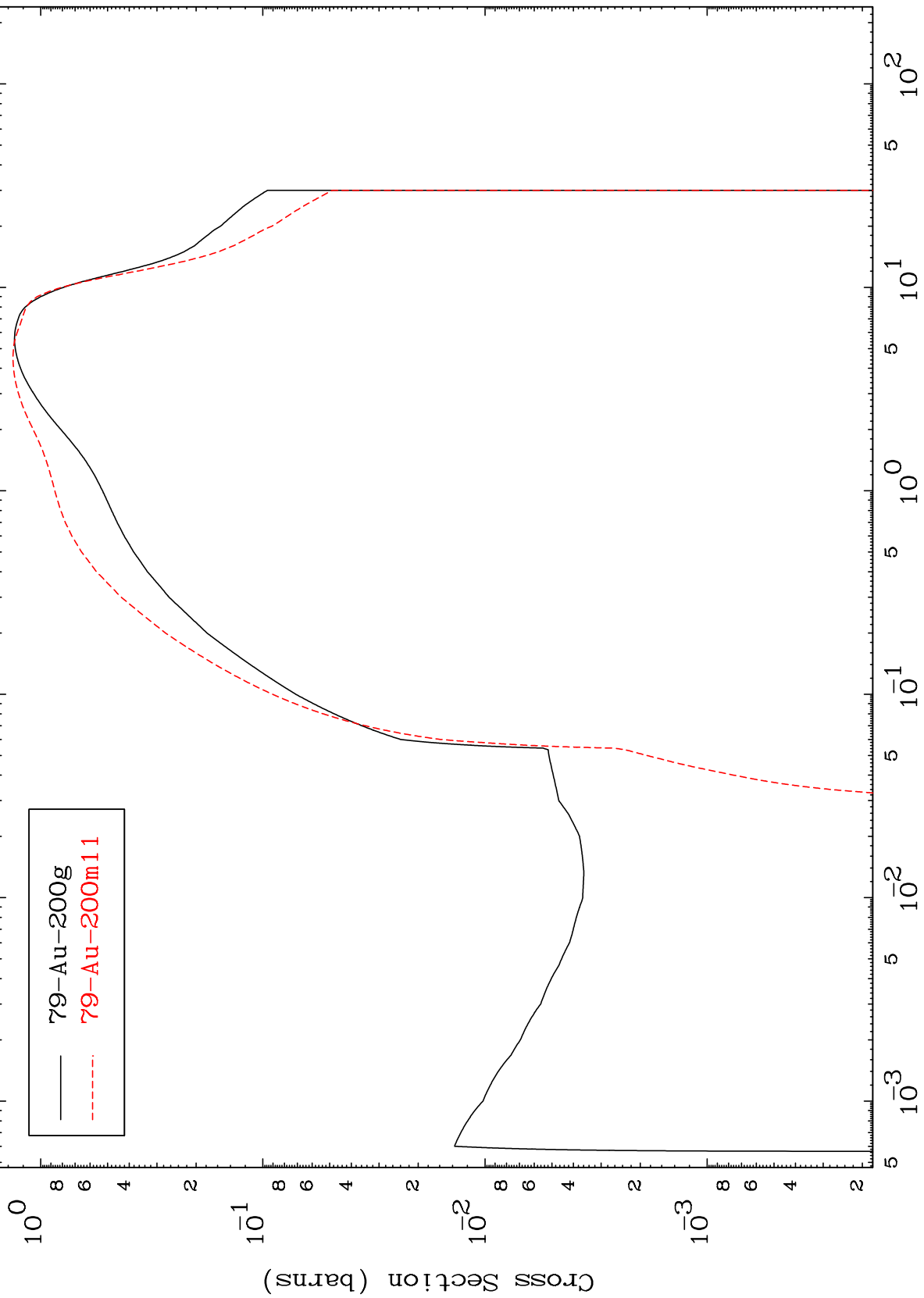
Incident Energy (MeV)

79-Au-200

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79-Au-200

Inelastic
Radionuclide Production Cross Section



— 79-Au-200g
- - - 79-Au-200m11

19

Incident Energy (MeV)

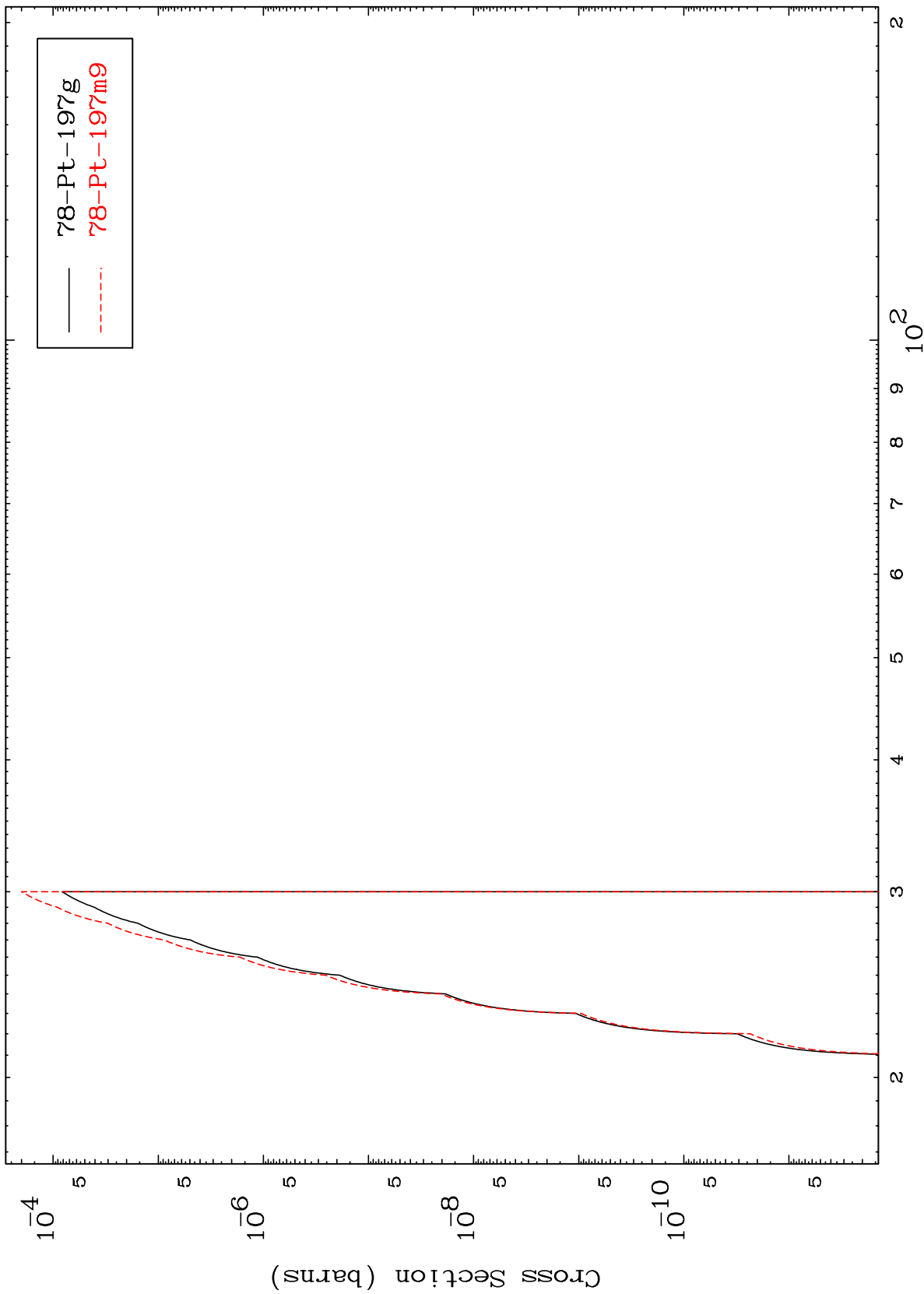
79-Au-200

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(n,2n) d

79-Au-200

Radionuclide Production Cross Section



20

Incident Energy (MeV)

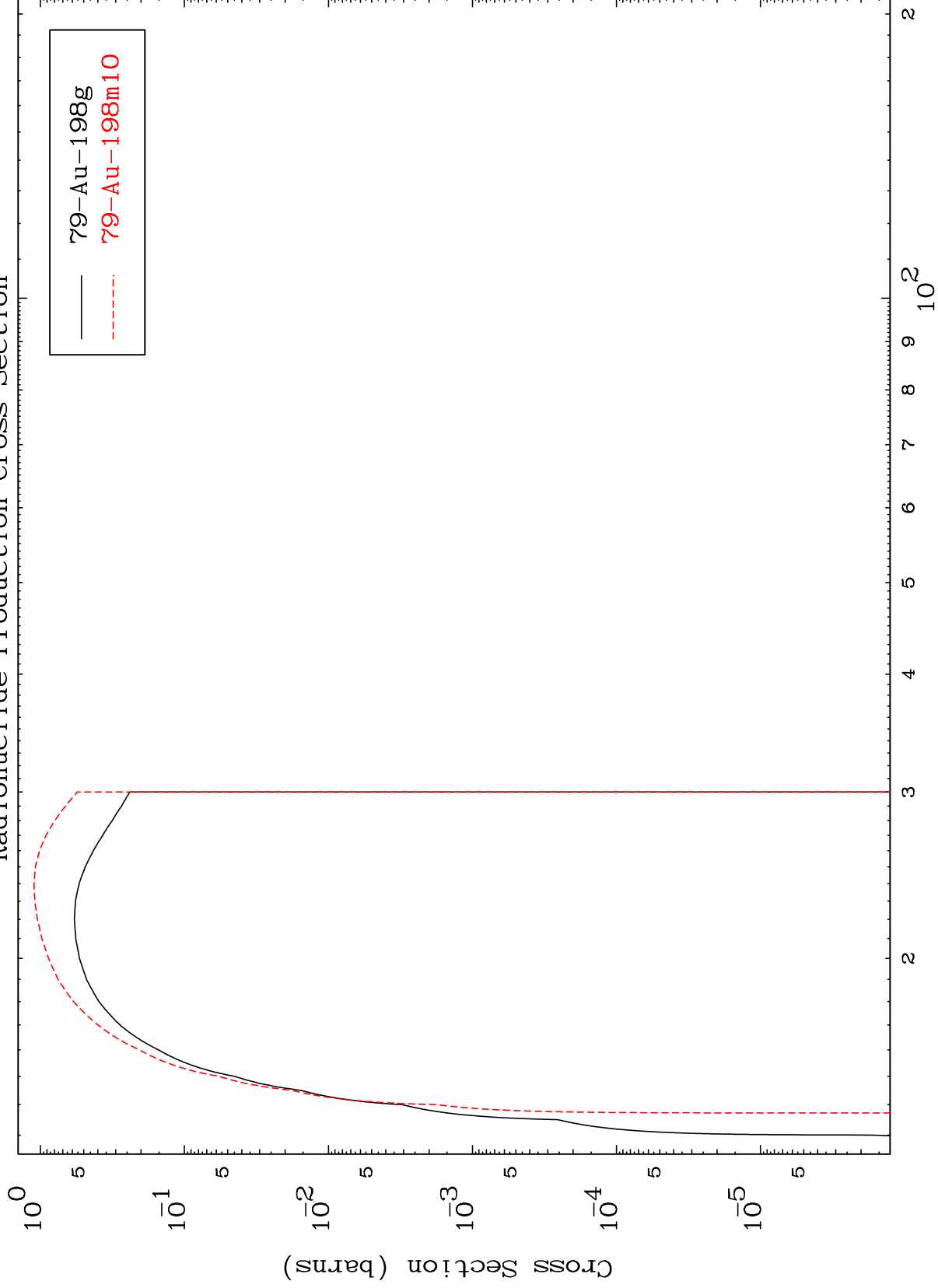
79-Au-200

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(n,3n)

⁷⁹Au-200

Radionuclide Production Cross Section



21

Incident Energy (MeV)

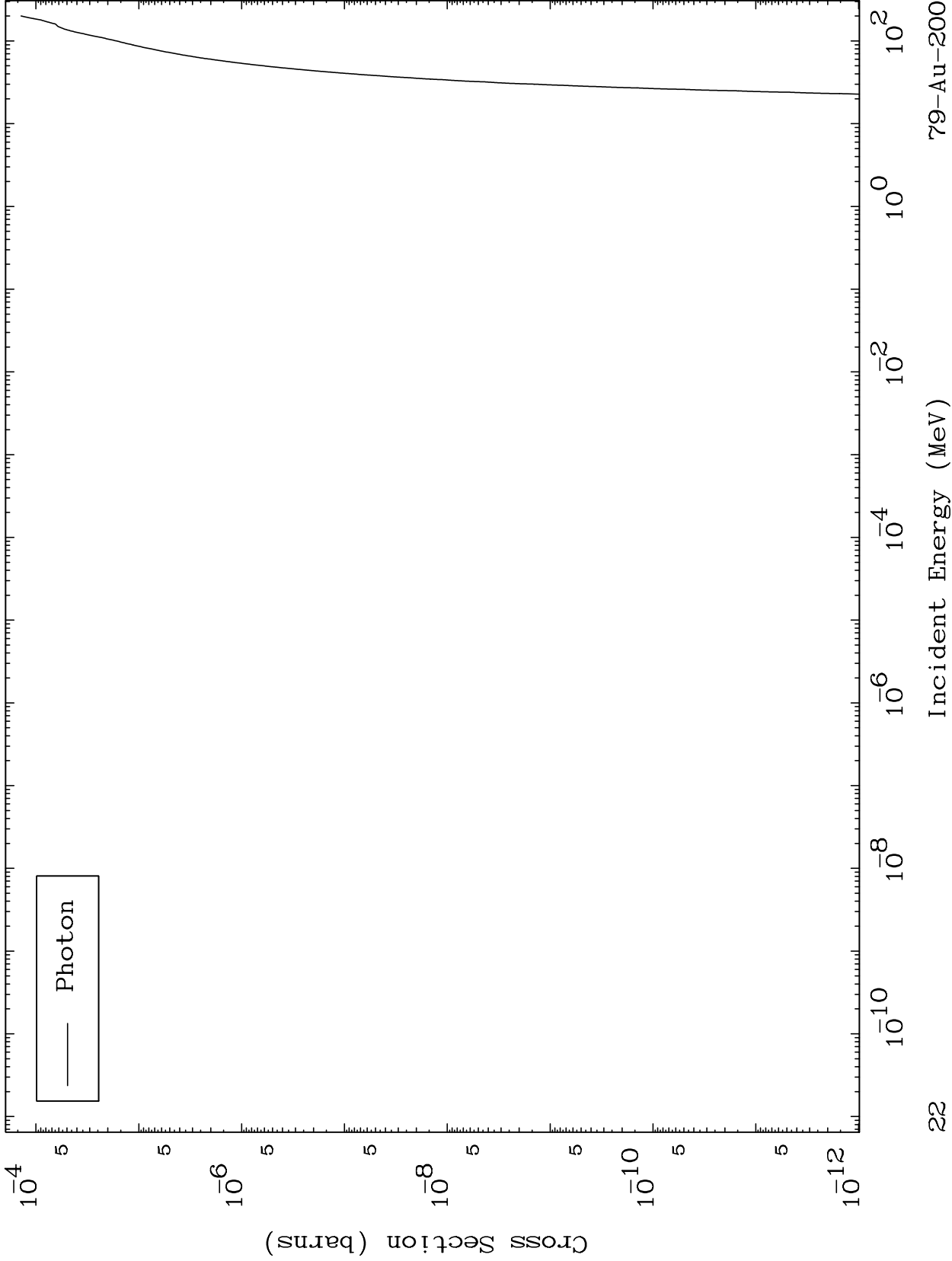
⁷⁹Au-200

MAT 7935

Fission

⁷⁹Au-200

Radionuclide Production Cross Section

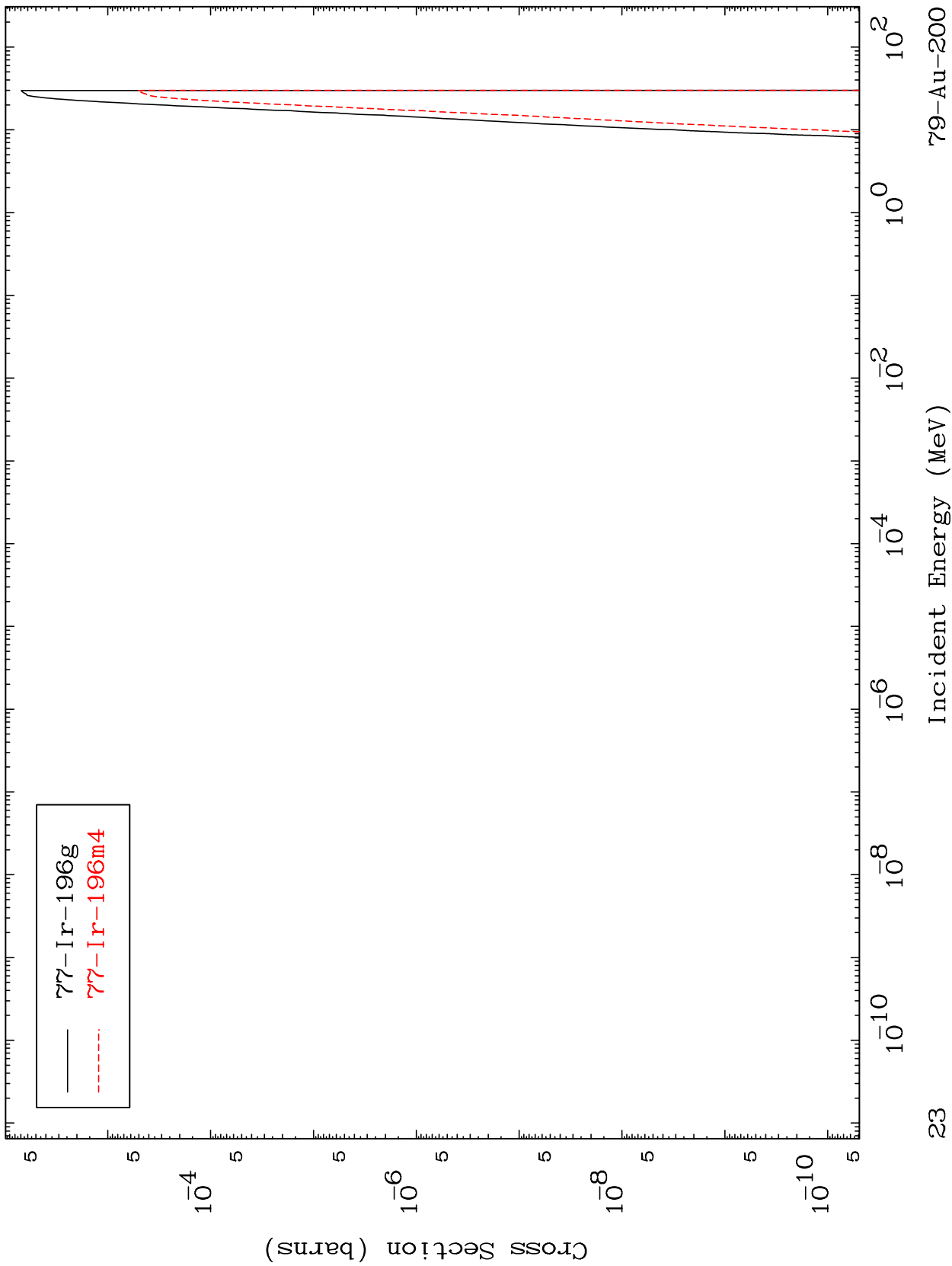


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$(n, n') \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section

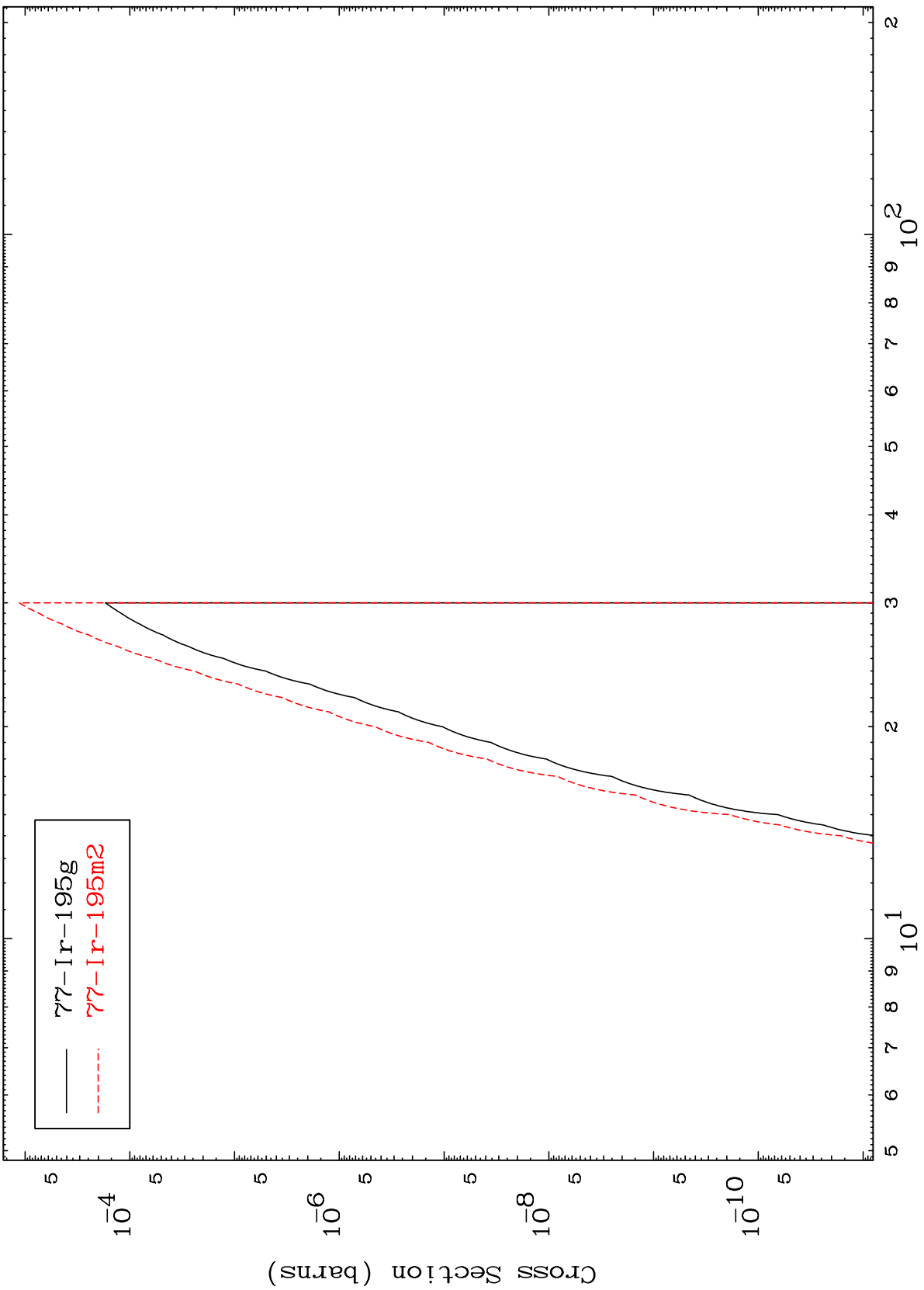


MAT 7935

$(n, 2n) \alpha$

$^{79}\text{Au-200}$

Radionuclide Production Cross Section

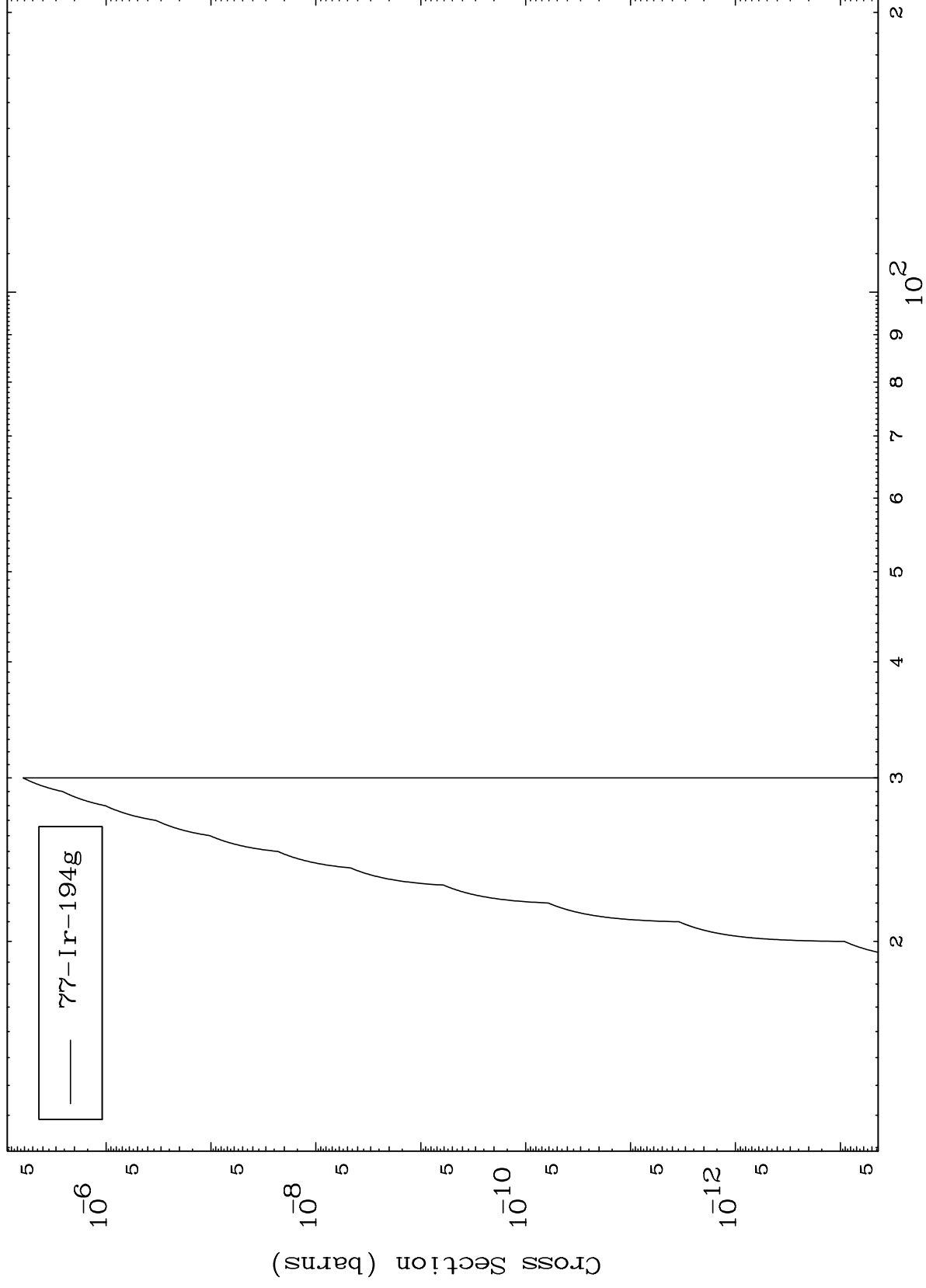


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Incident Energy (MeV)

$^{79}\text{Au-200}$

Radionuclide Production Cross Section
(n,3n) α

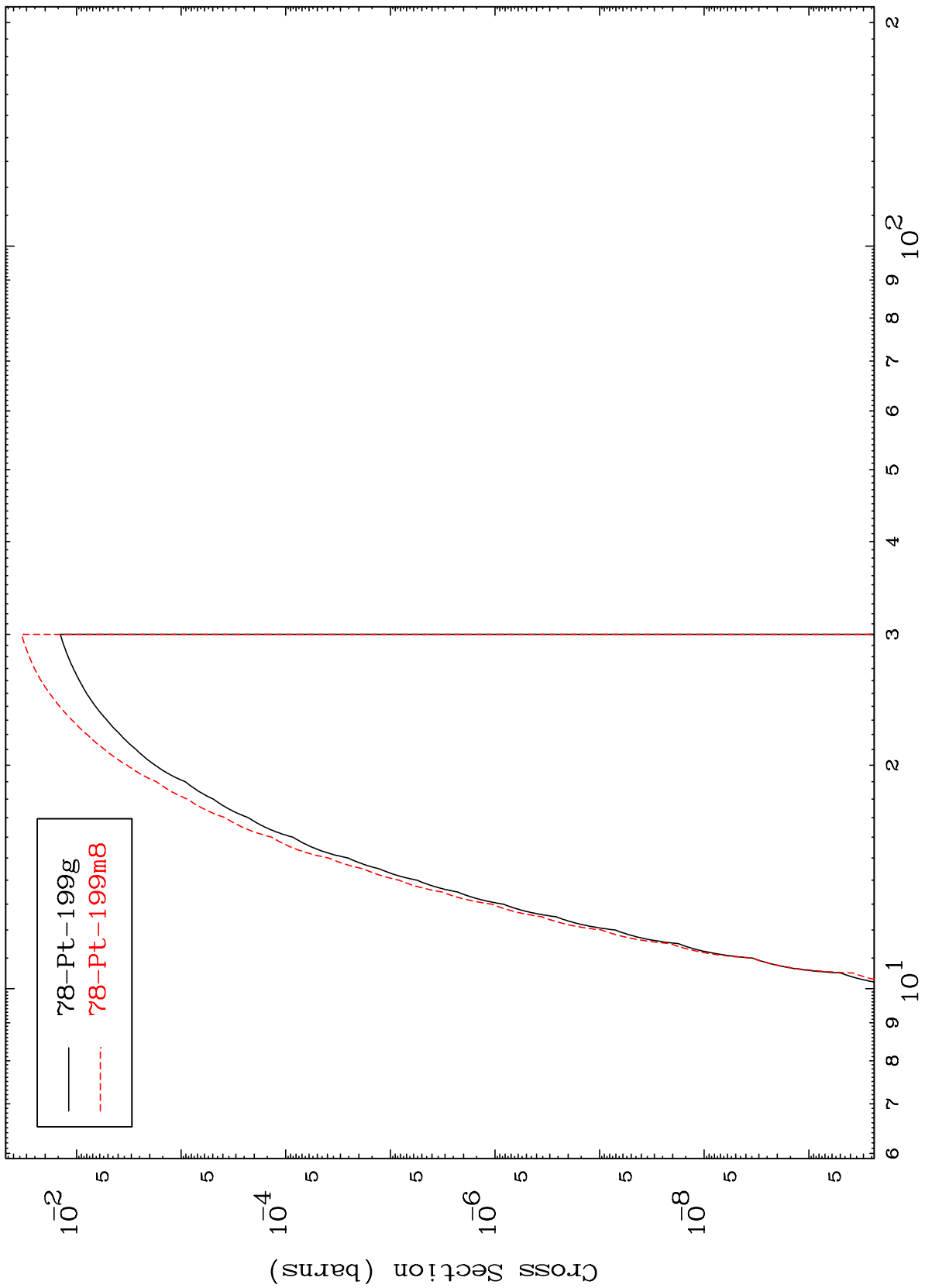


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(n,n') p

79-Au-200

Radionuclide Production Cross Section



78-Pt-199g
78-Pt-199m8

26

Incident Energy (MeV)

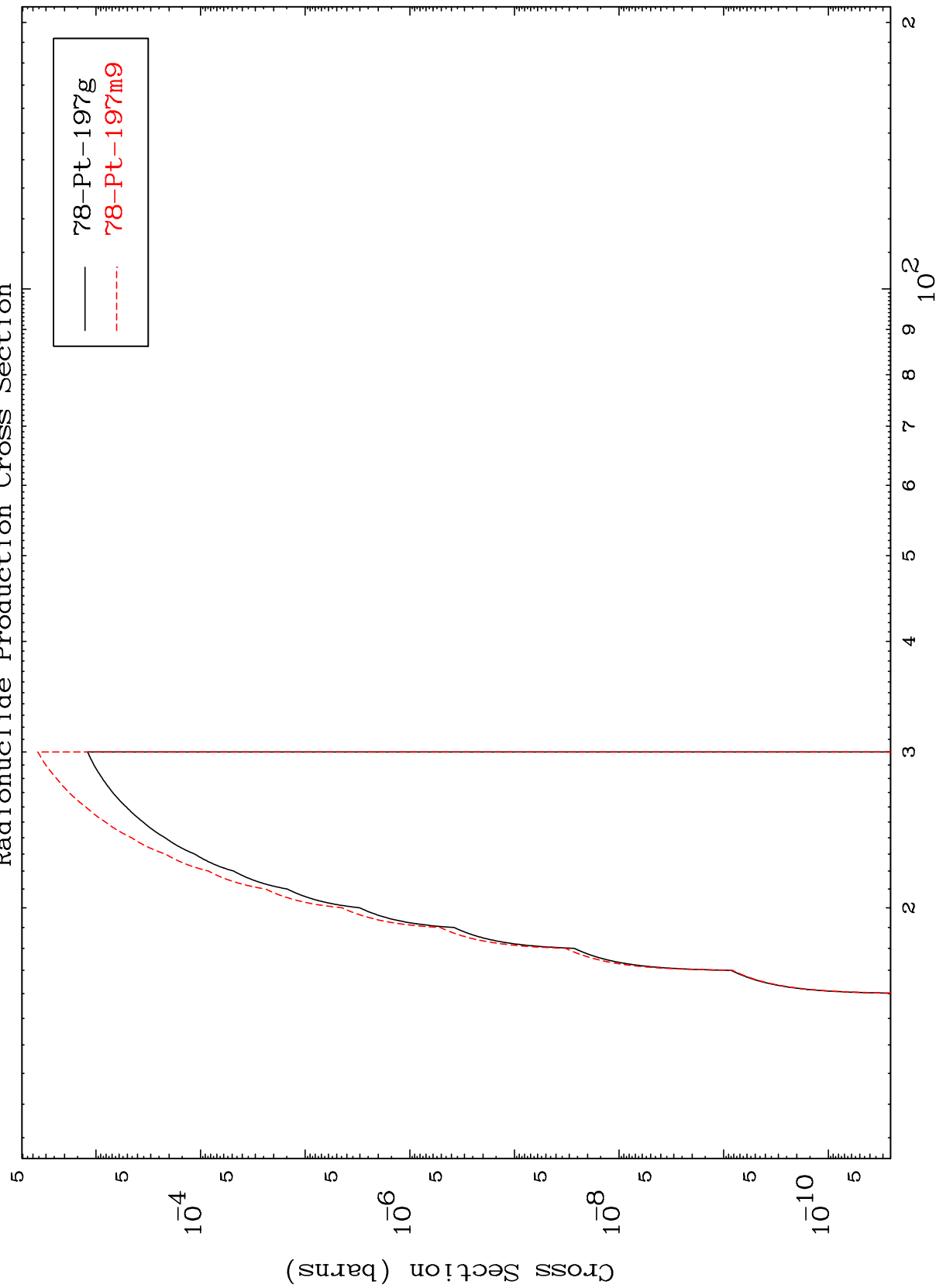
79-Au-200

MAT 7935

(n,n') t

79-Au-200

Radionuclide Production Cross Section

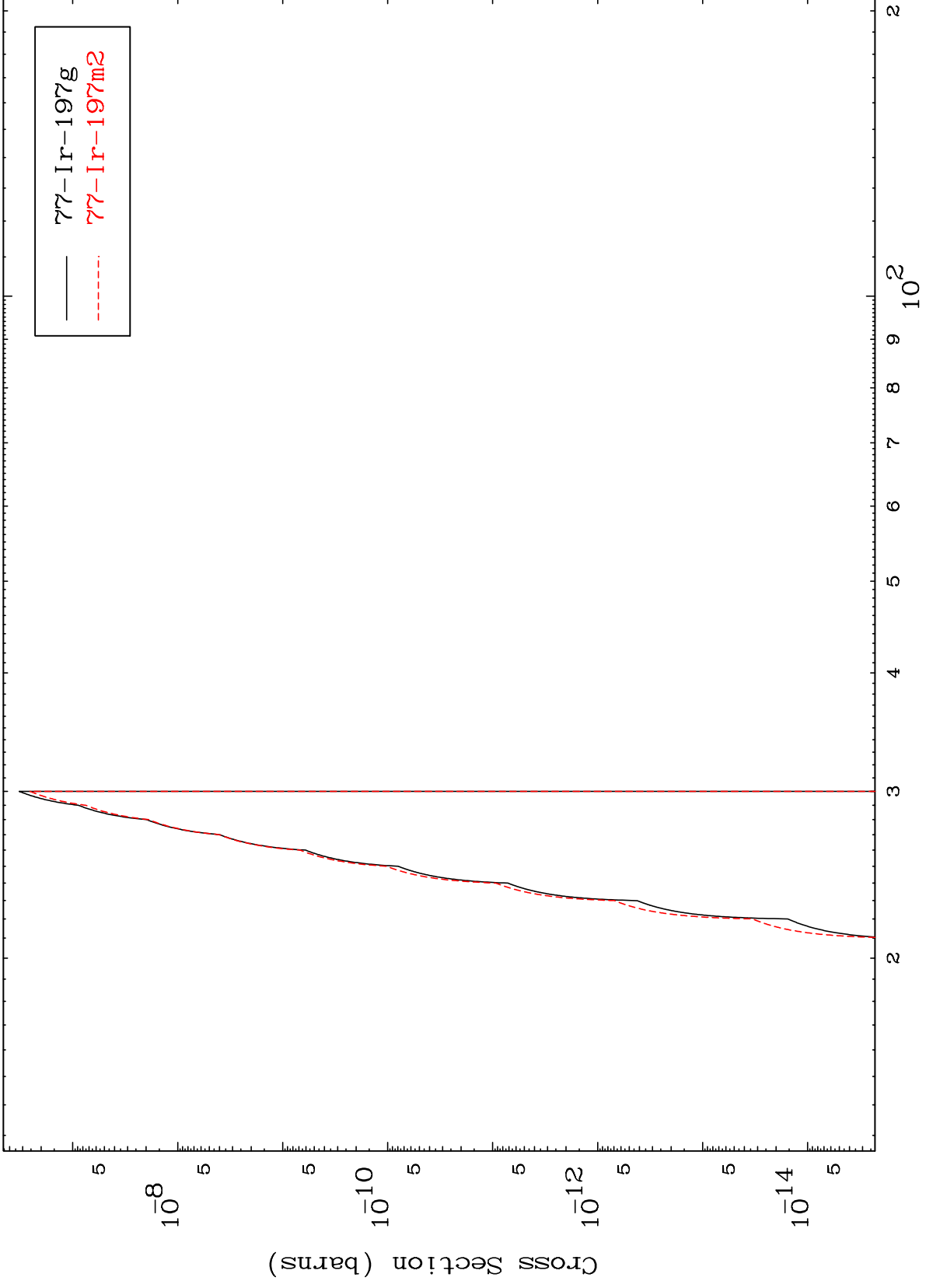


27

Incident Energy (MeV)

79-Au-200

Radionuclide Production Cross Section

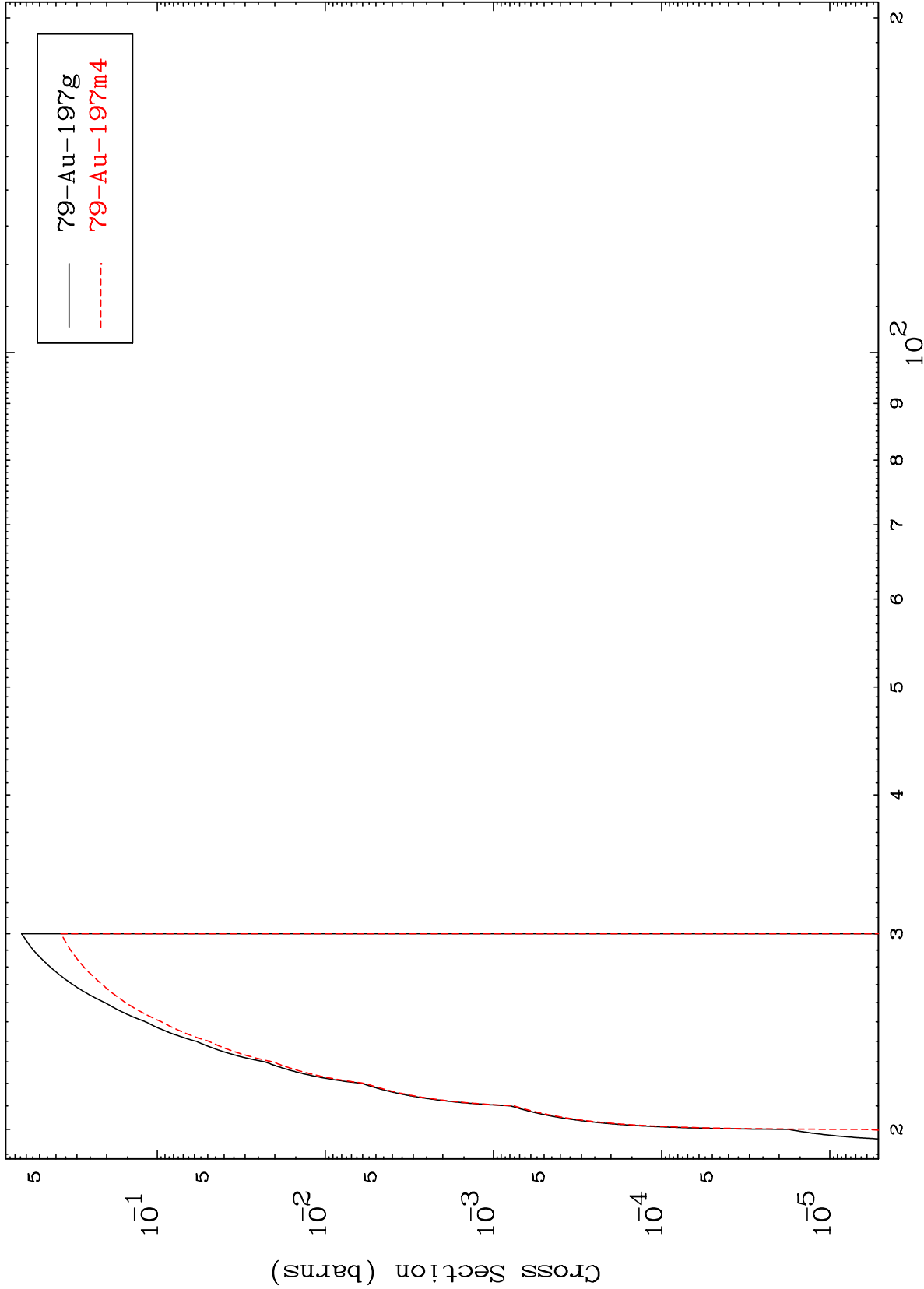


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(n,4n)

79-Au-200

Radionuclide Production Cross Section



29

Incident Energy (MeV)

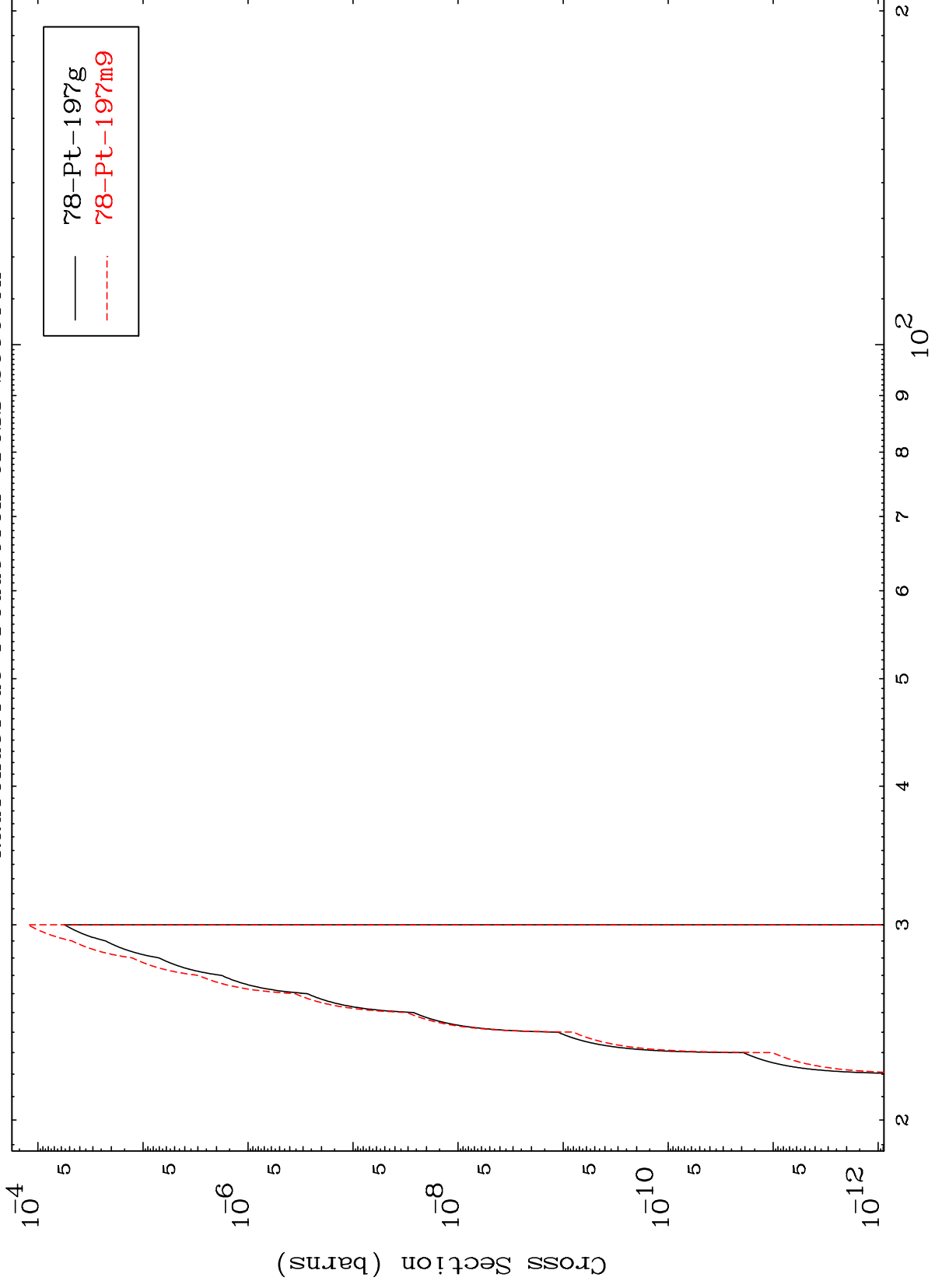
79-Au-200

MAT 7935

(n,3n) p

79-Au-200

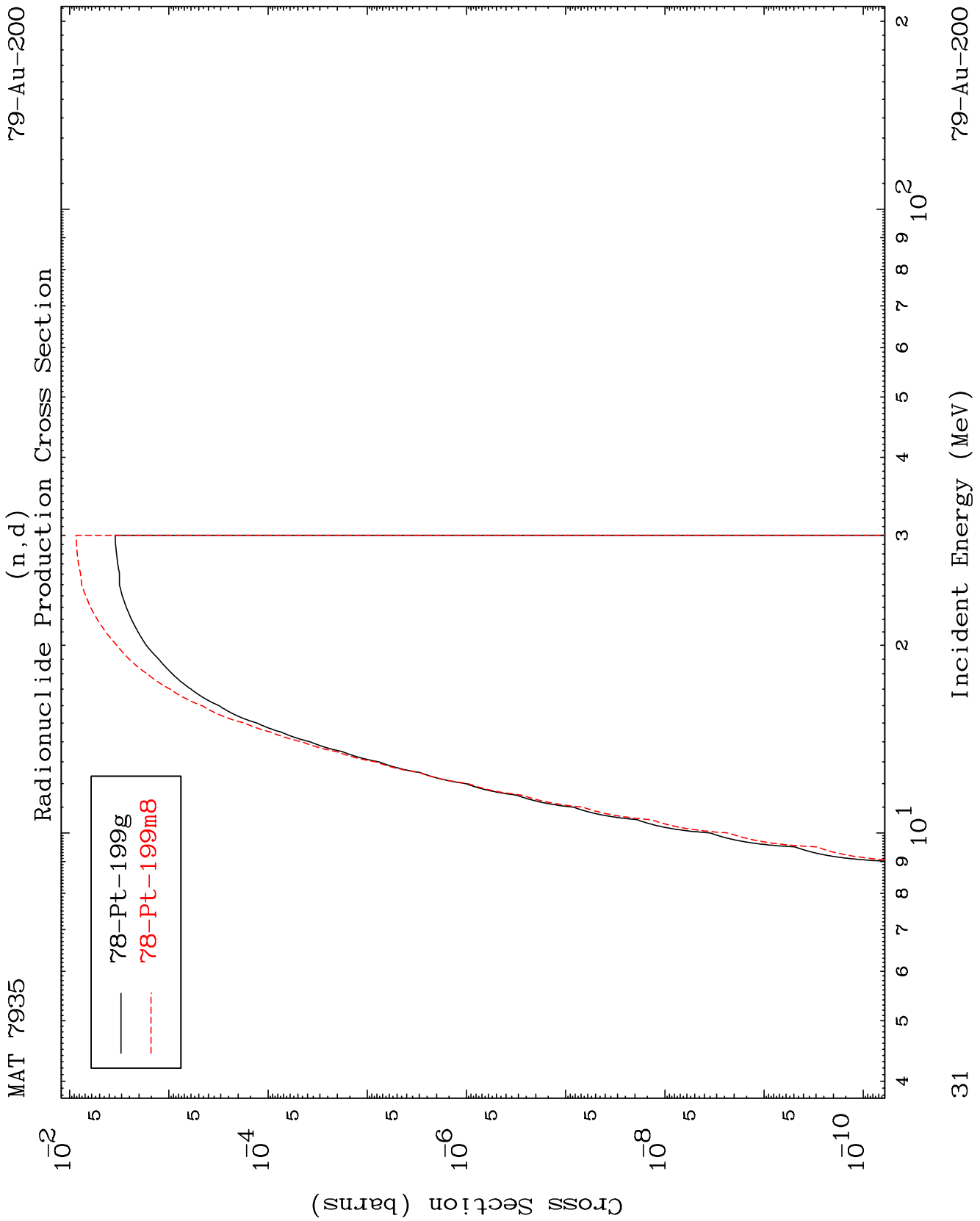
Radionuclide Production Cross Section



30

Incident Energy (MeV)

79-Au-200



MAT 7935

(n, α)

⁷⁹Au-200

Radionuclide Production Cross Section

