

Program EVALPLOT
(Version 2018-1)

by

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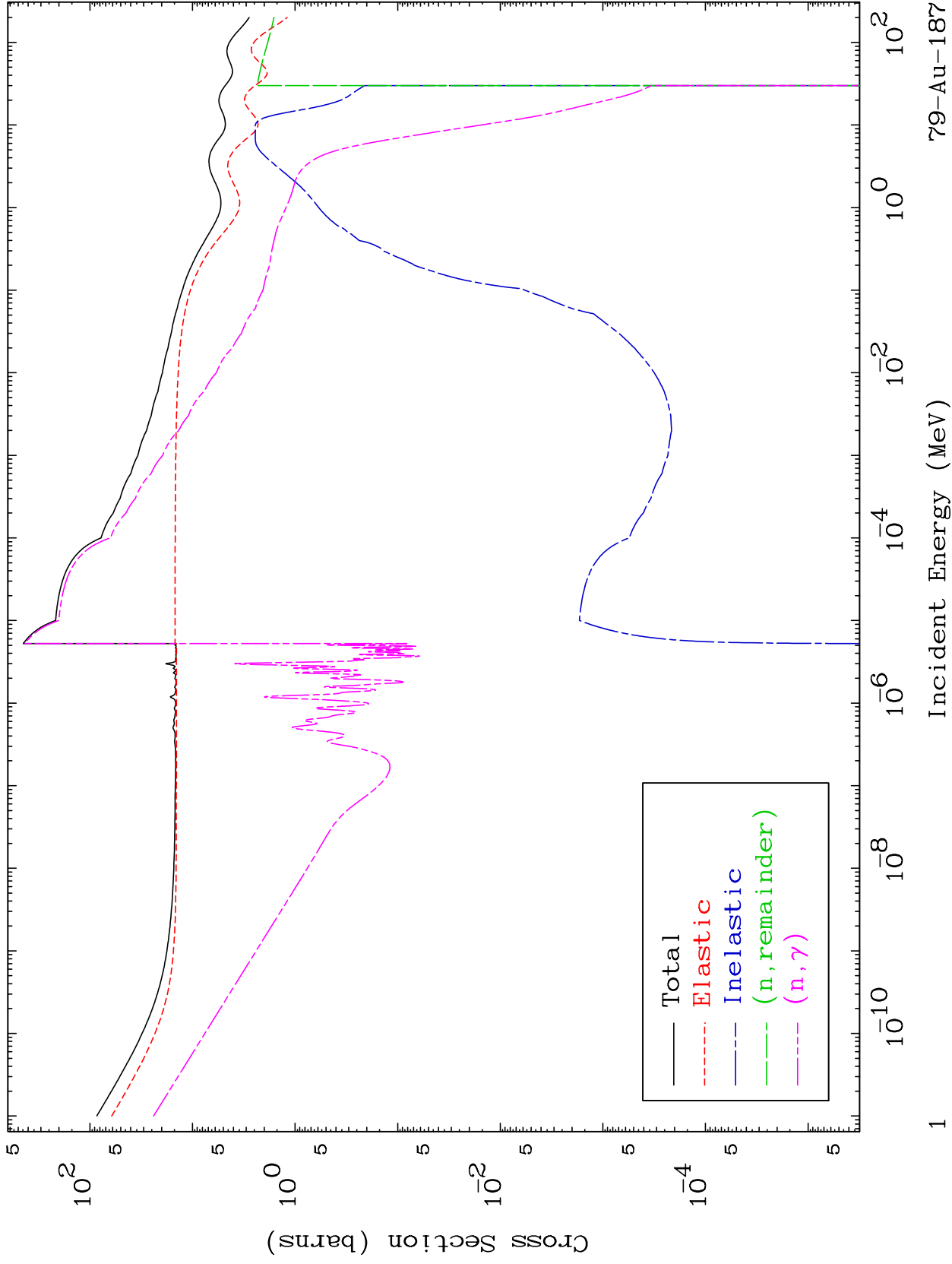
Press Mouse Button to Start

MAT 7896

Major

293 Kelvin Cross Sections

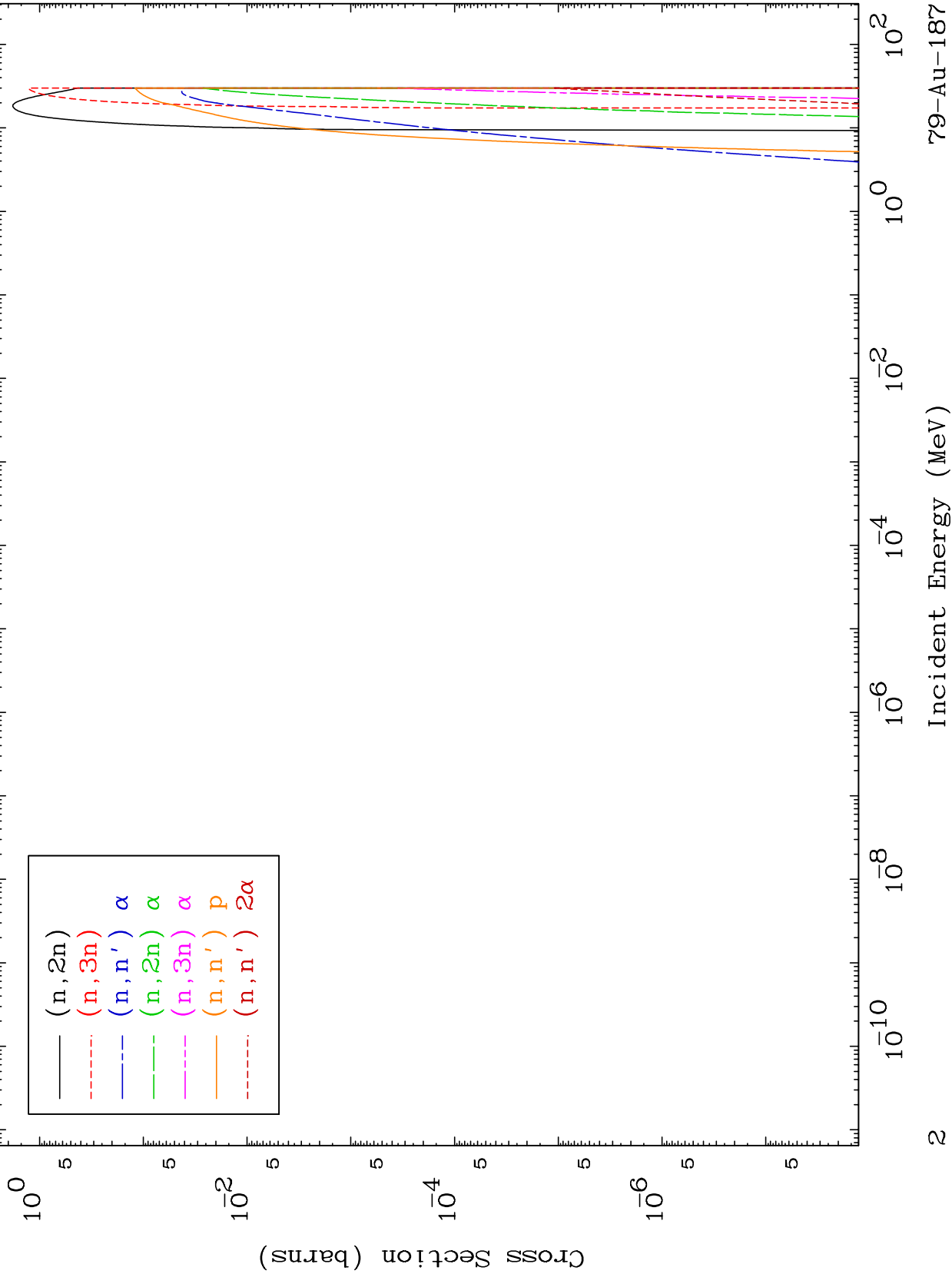
79-Au-187



MAT 7896

Neutron Production
293 Kelvin Cross Sections

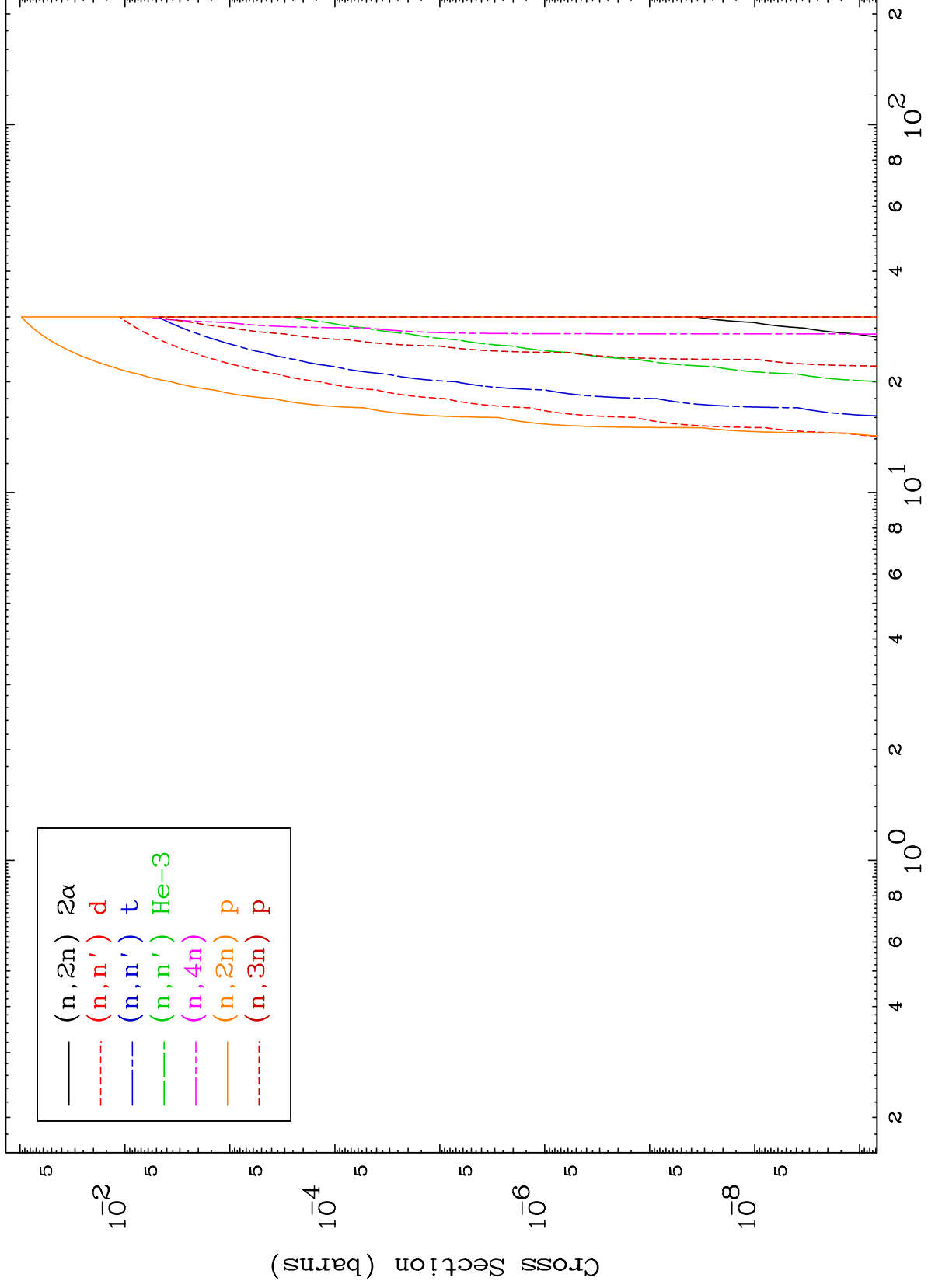
79-Au-187



MAT 7896

Neutron Production
293 Kelvin Cross Sections

79-Au-187



Incident Energy (MeV)

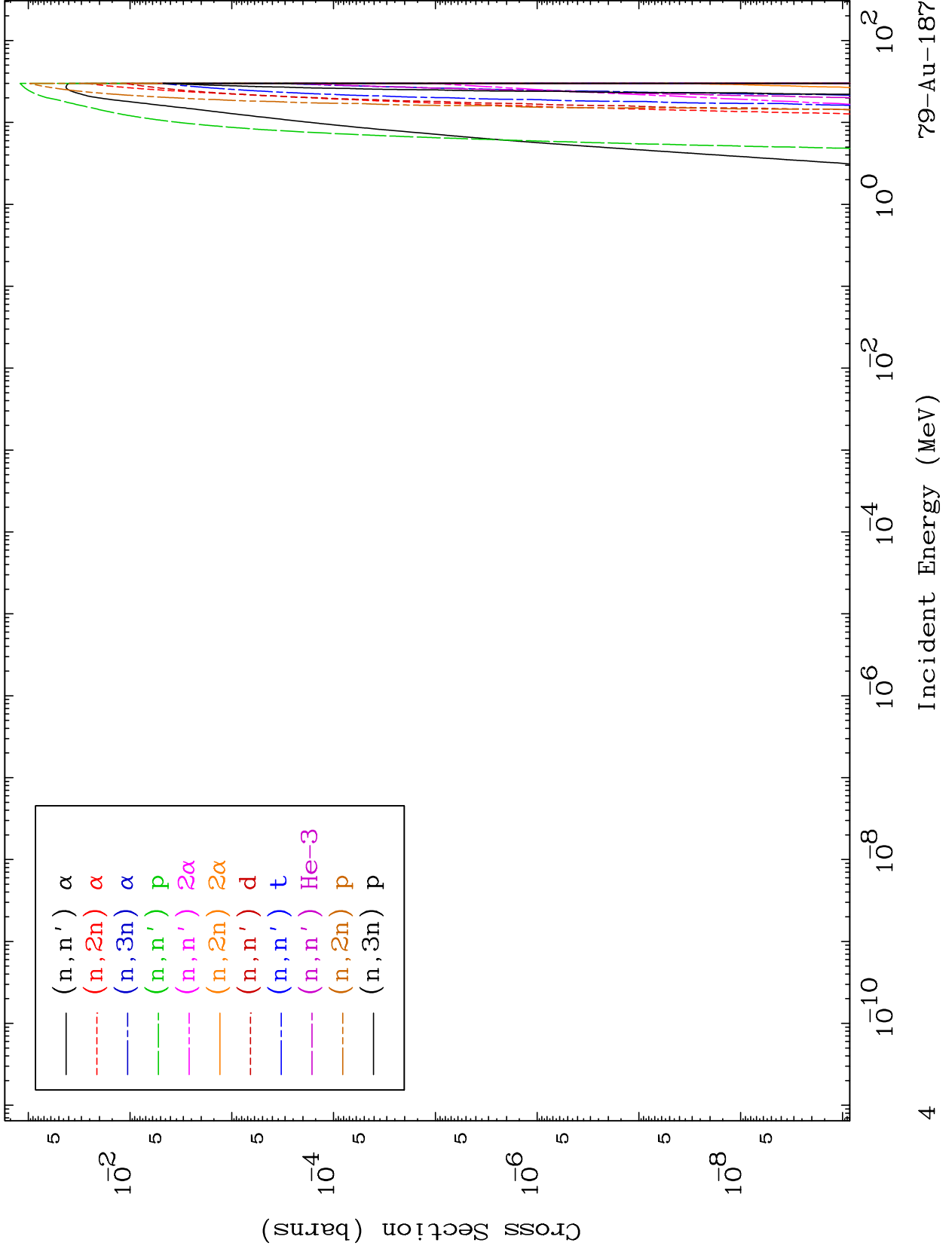
79-Au-187

3

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Charged Particle
293 Kelvin Cross Sections

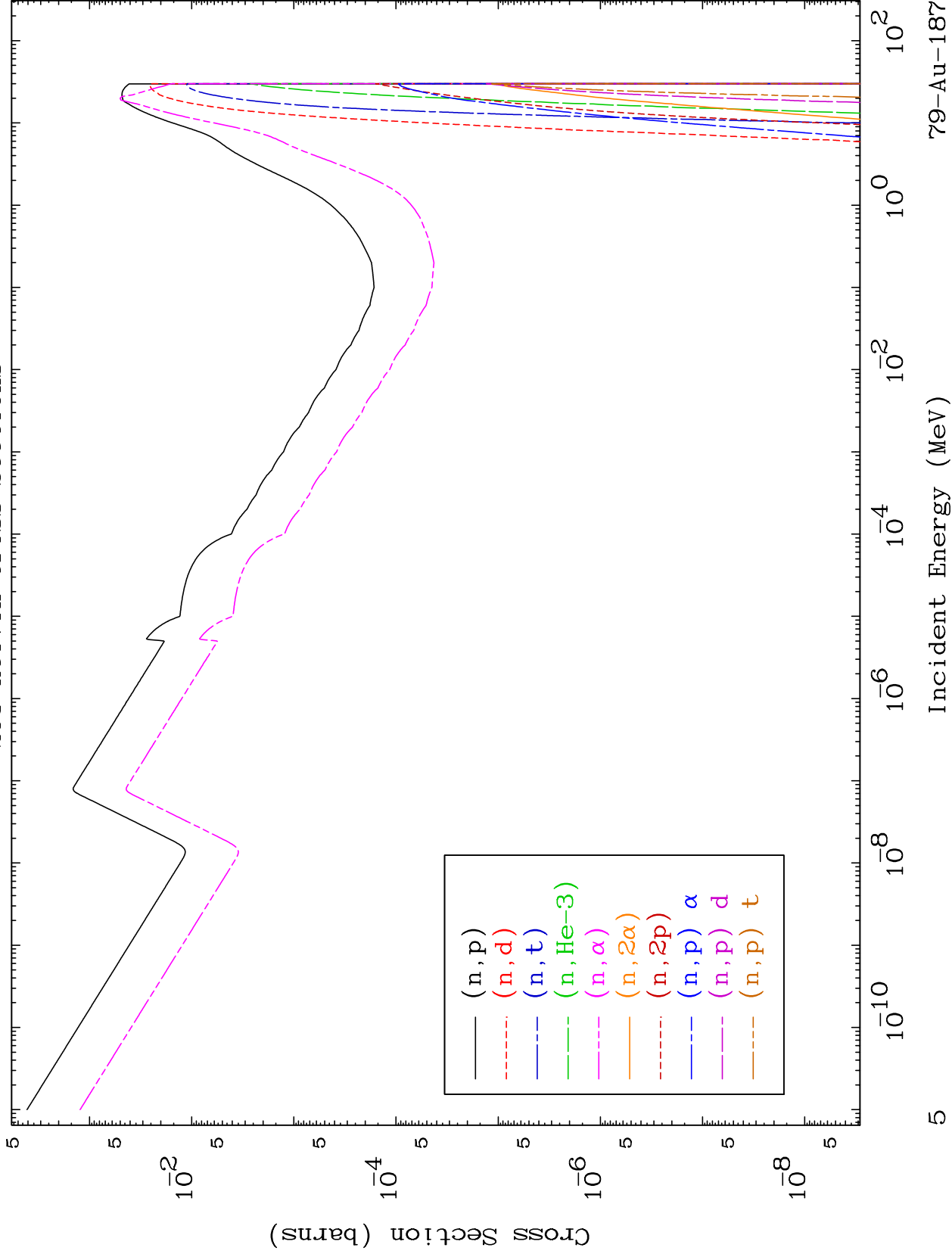
79-Au-187



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Charged Particle
293 Kelvin Cross Sections

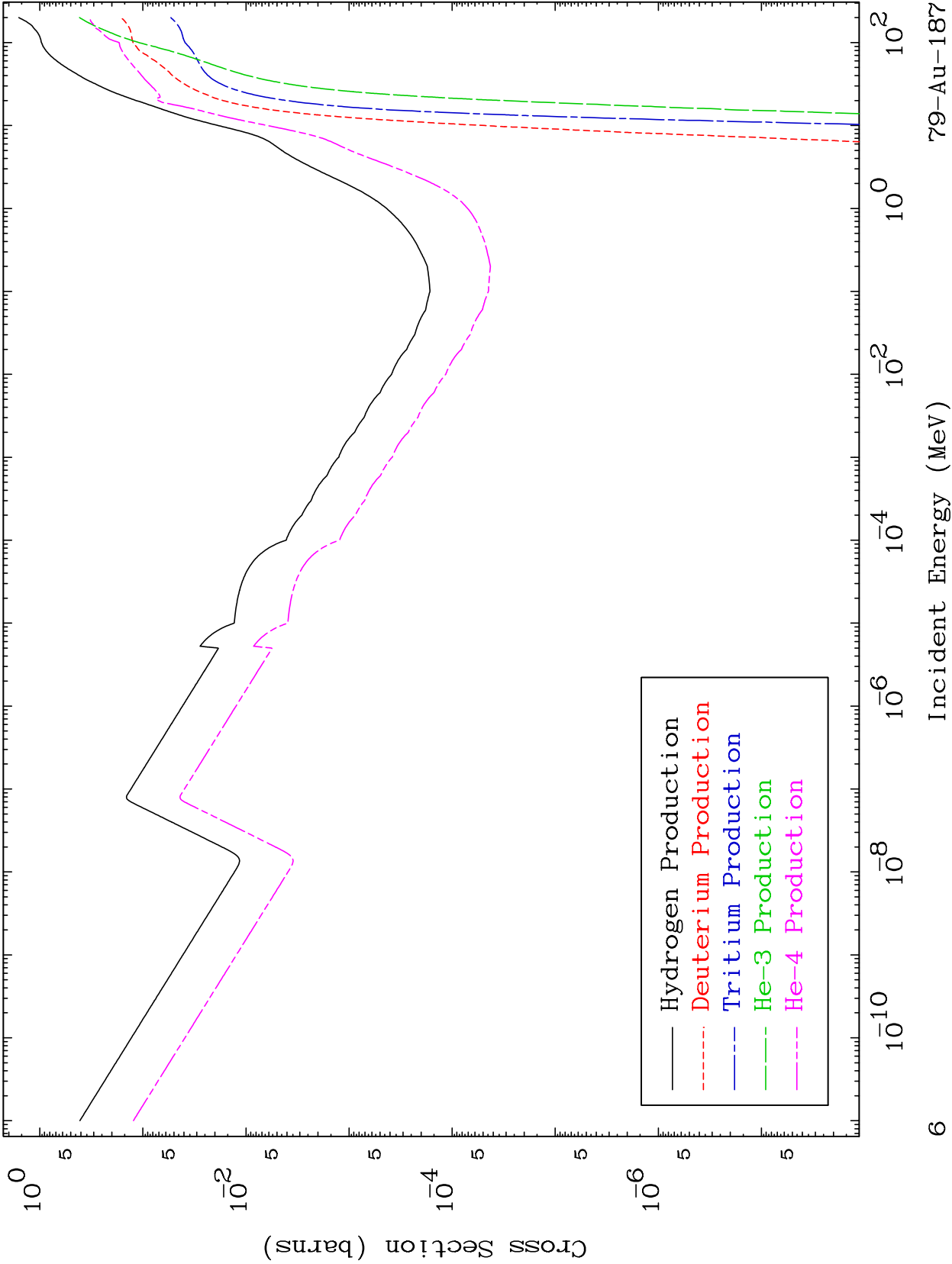
79-Au-187



MAT 7896

Particle Production
293 Kelvin Cross Sections

79-Au-187

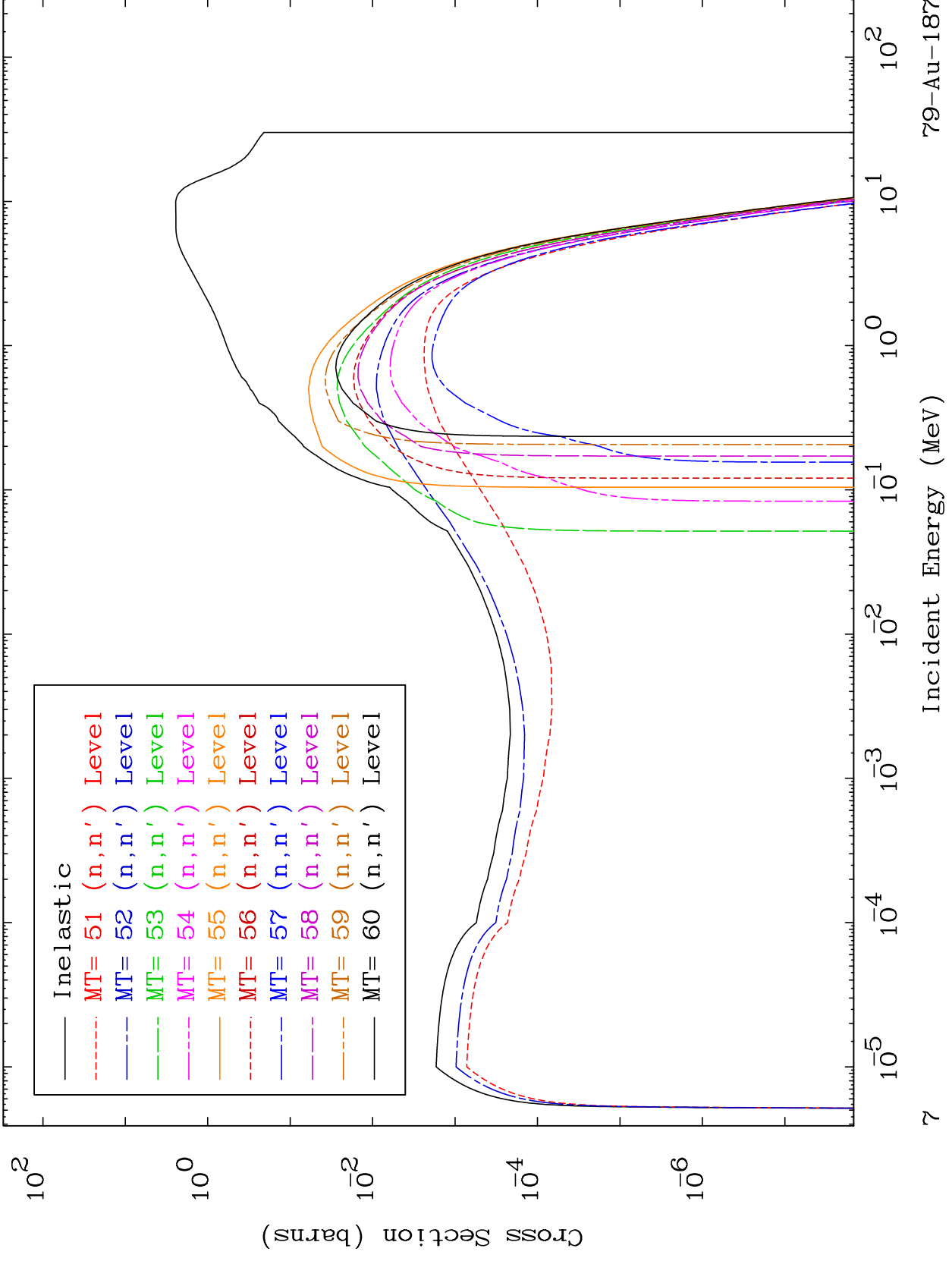


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(n,n') Level

79-Au-187

293 Kelvin Cross Sections

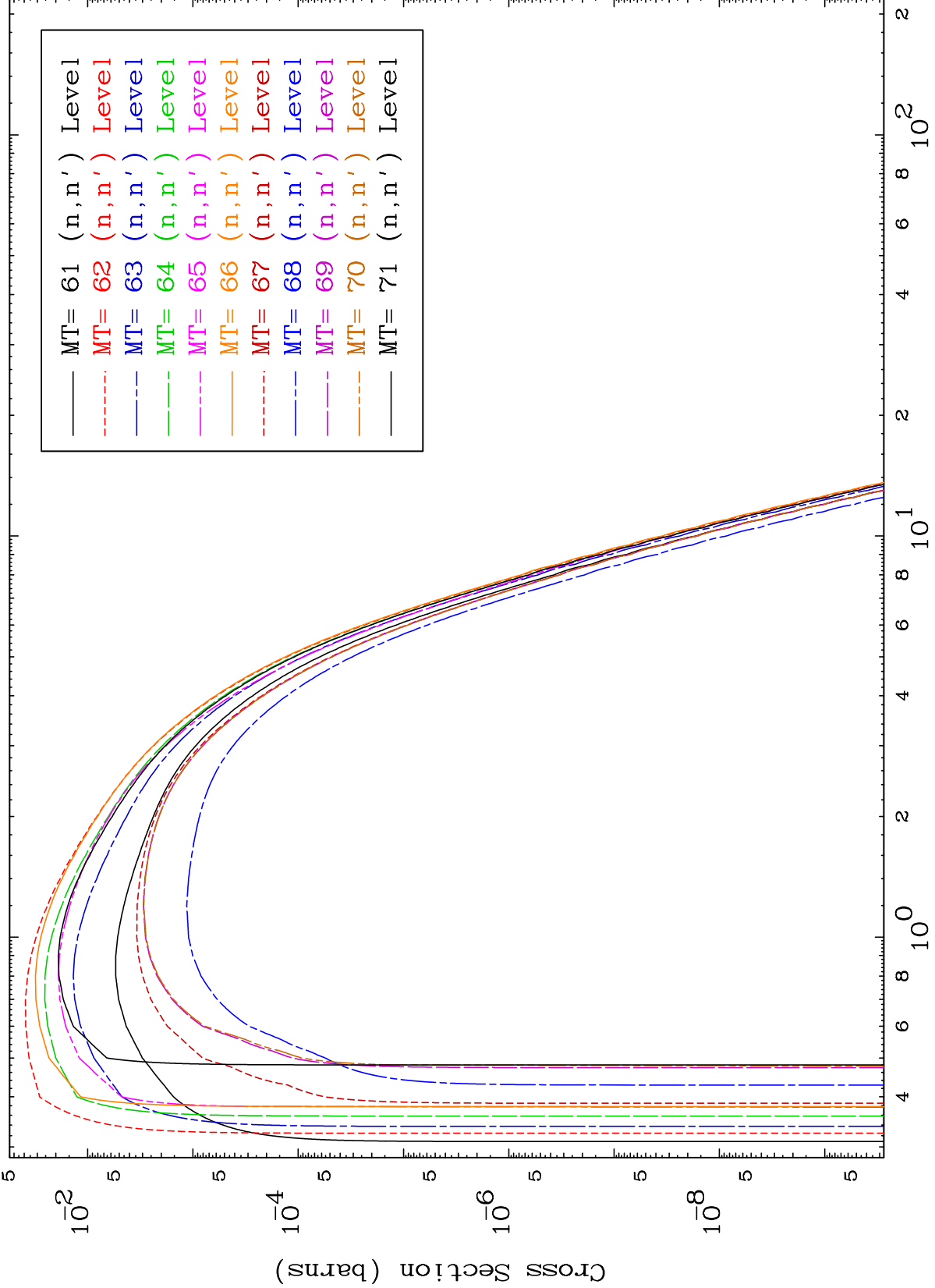


MAT 7896

(n,n') Level

79-Au-187

293 Kelvin Cross Sections



Incident Energy (MeV)

79-Au-187

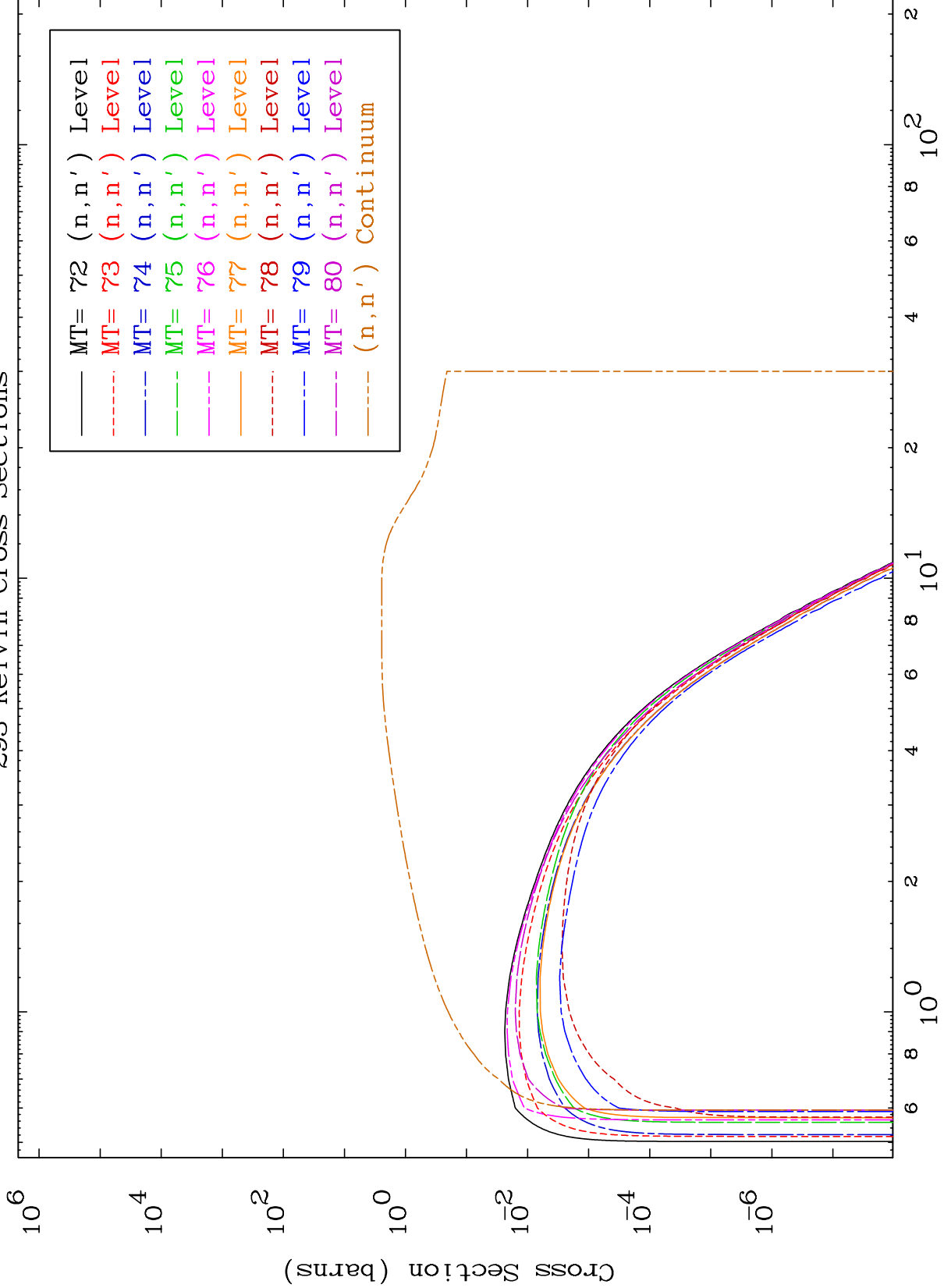
8

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(n,n') Level

79-Au-187

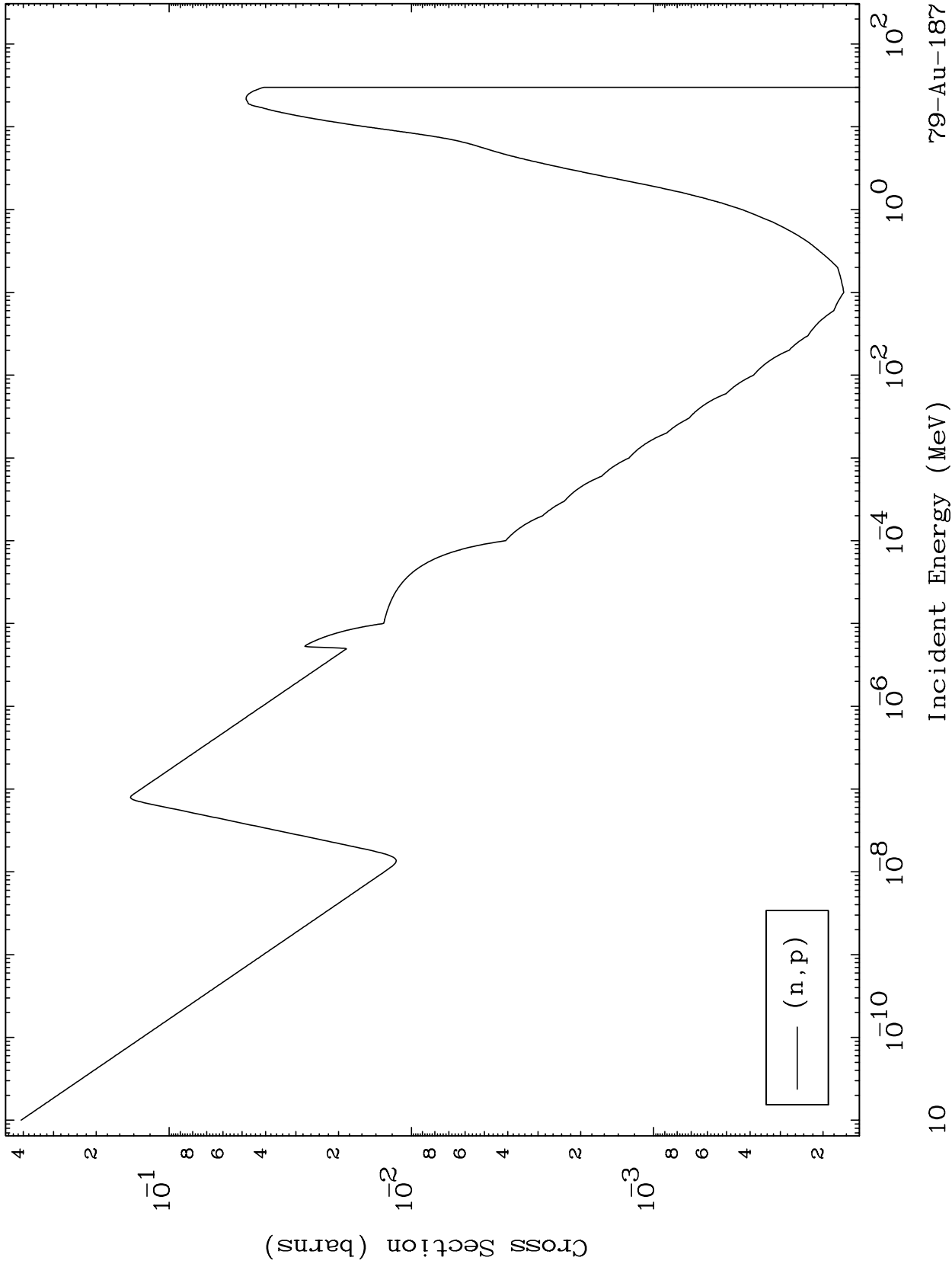
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

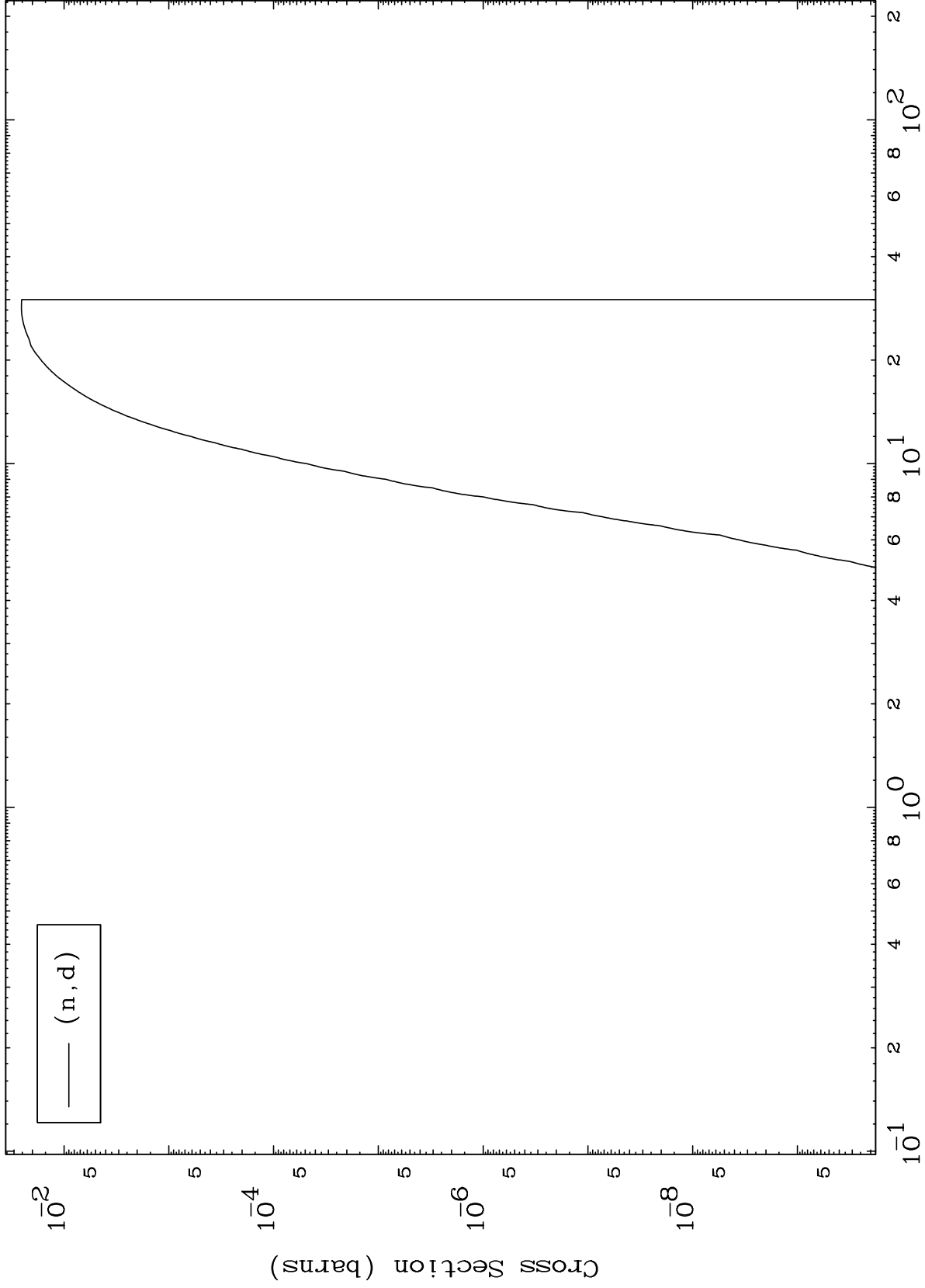
79-Au-187



MAT 7896

(n,d) Levels
293 Kelvin Cross Sections

79-Au-187



(n,d)

Incident Energy (MeV)

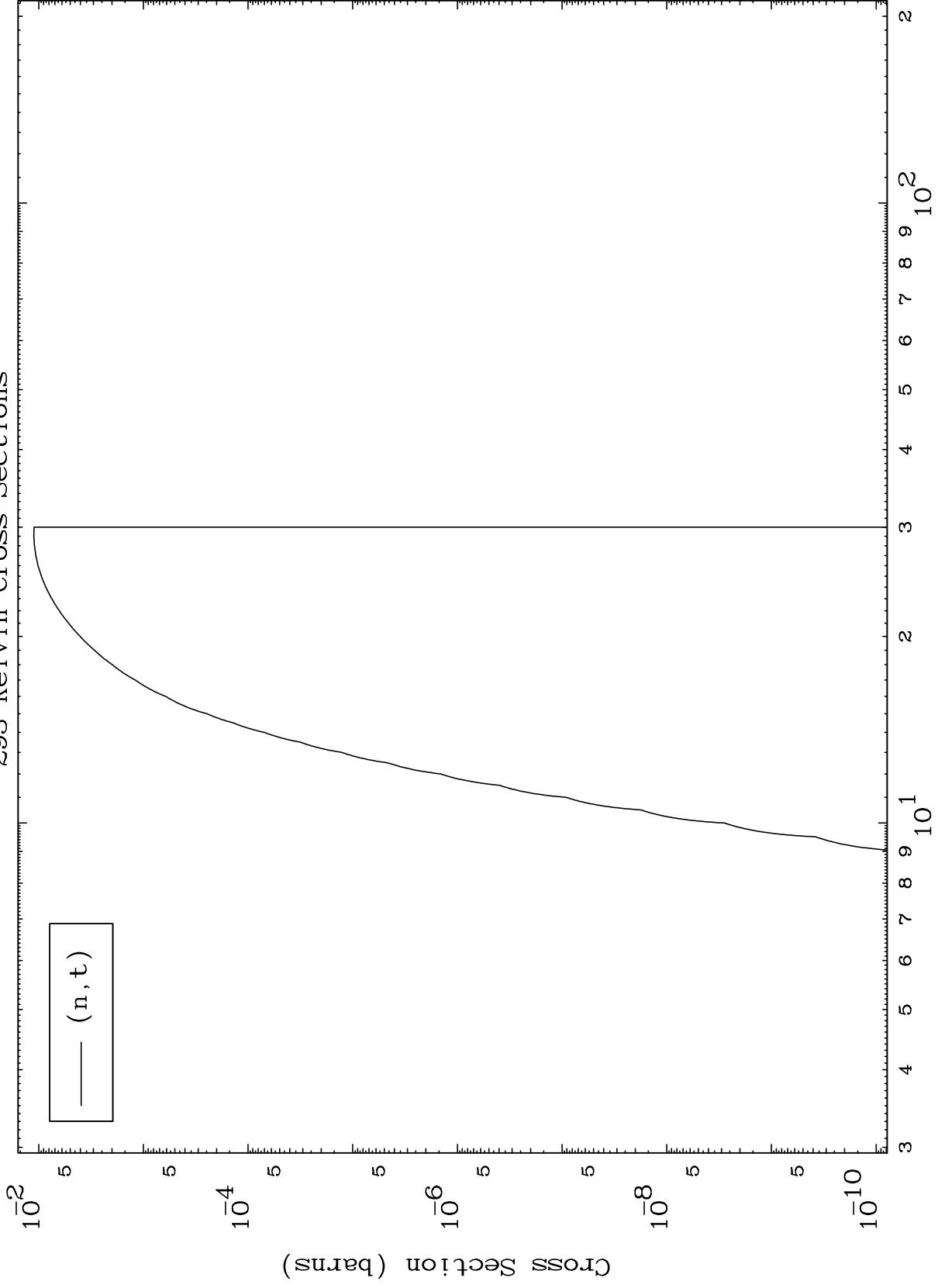
79-Au-187

11

MAT 7896

(n,t) Levels
293 Kelvin Cross Sections

79-Au-187



12

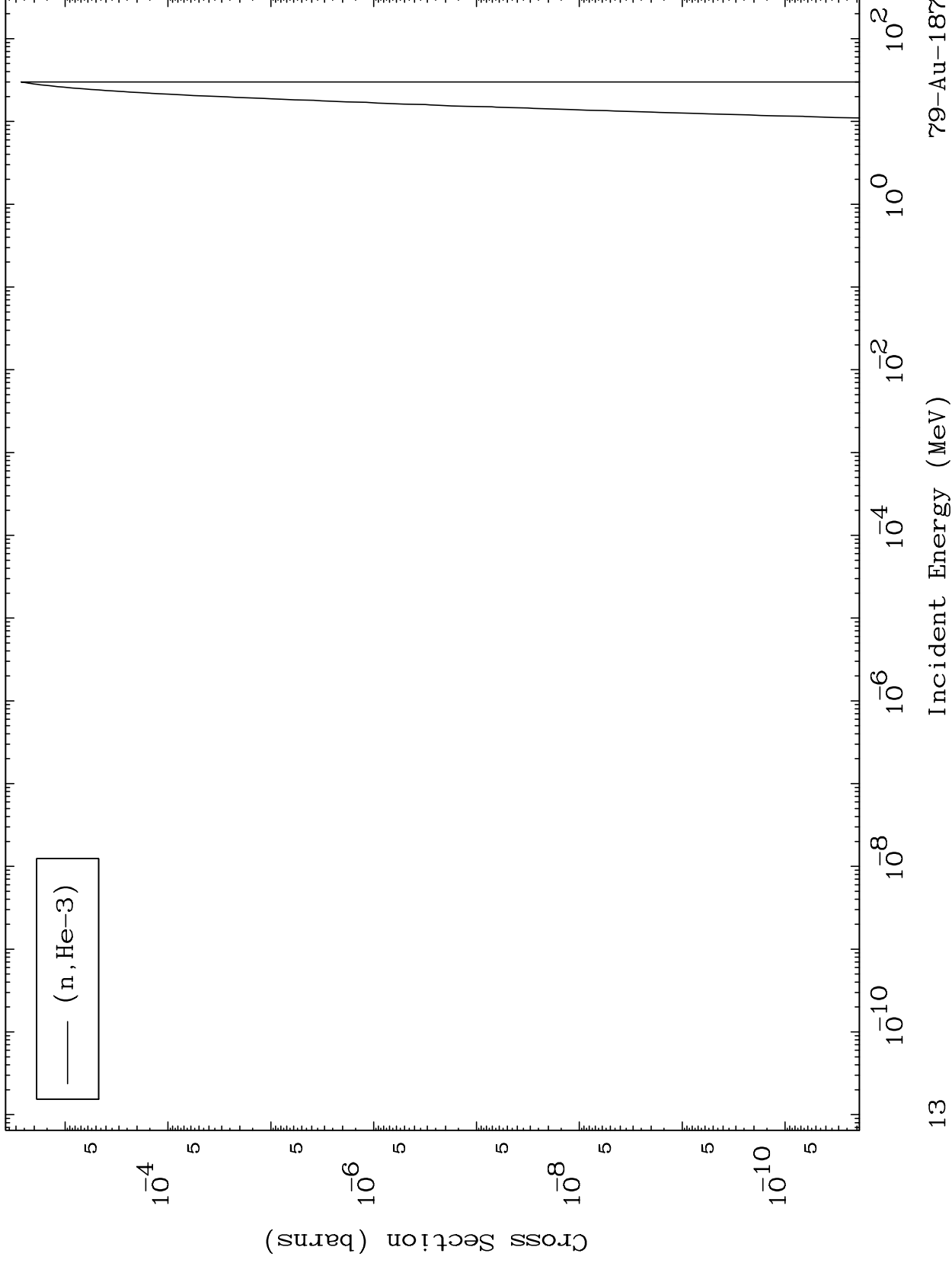
Incident Energy (MeV)

79-Au-187

MAT 7896

(n,He3) Levels
293 Kelvin Cross Sections

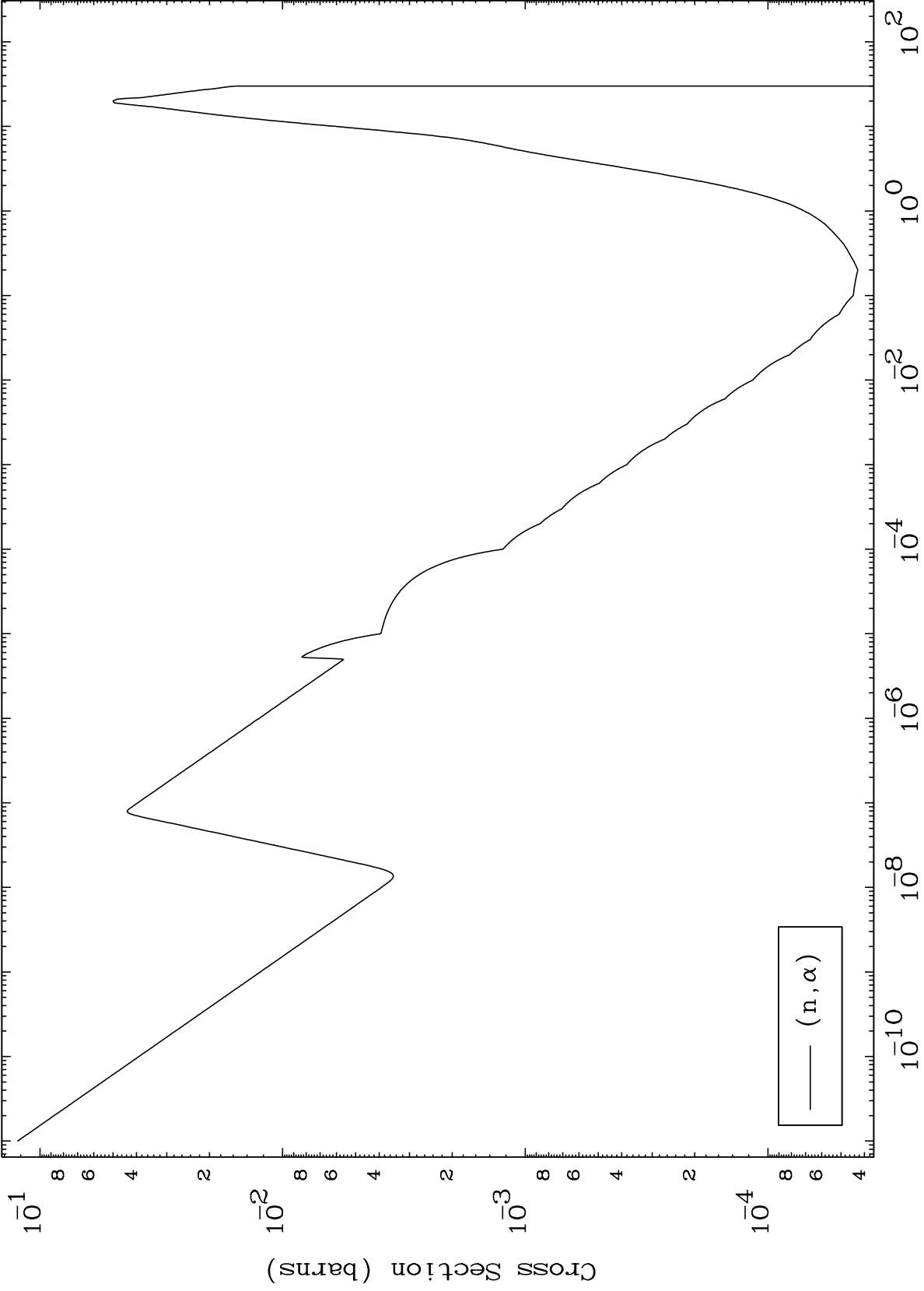
79-Au-187

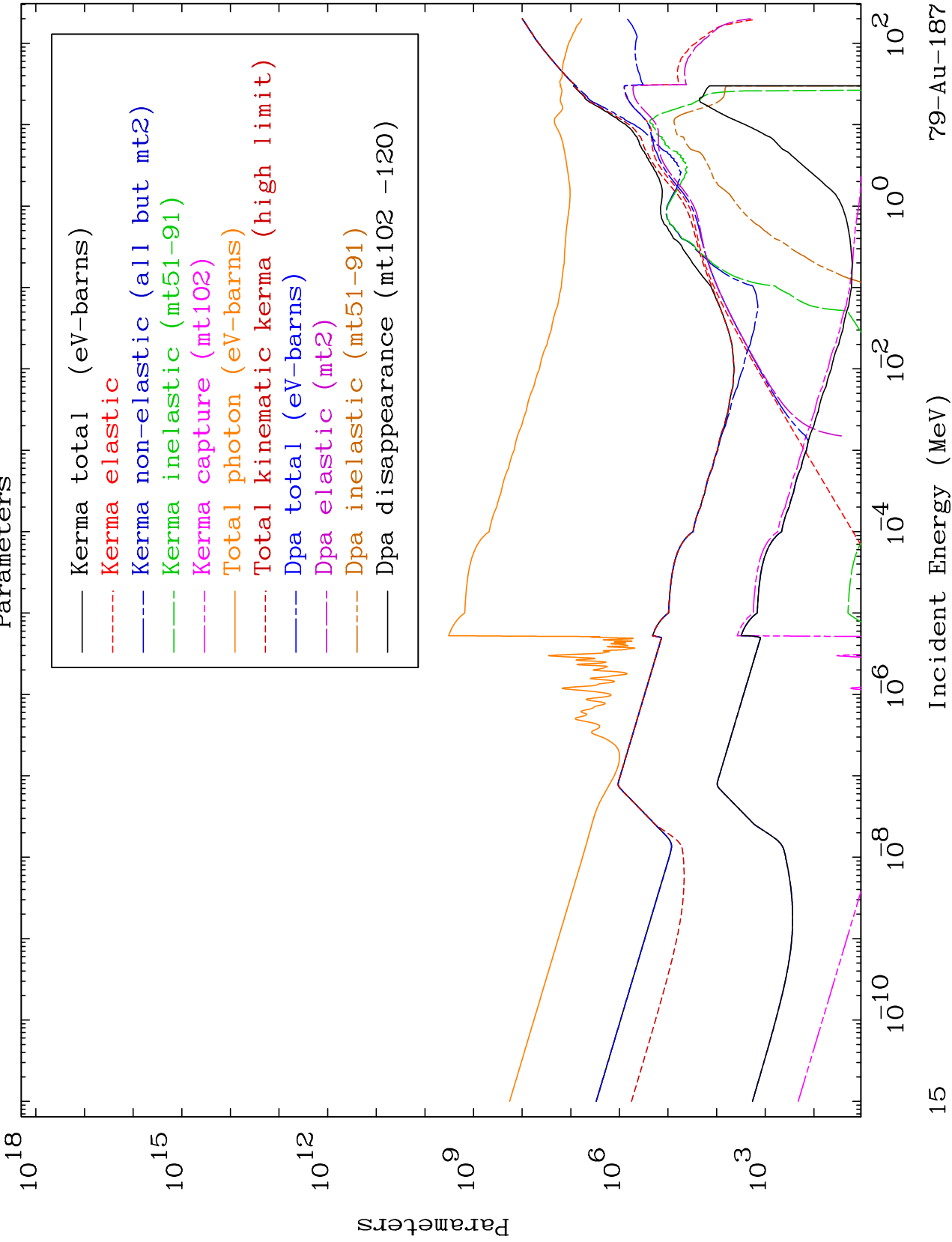


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(n,α) Levels
293 Kelvin Cross Sections

79-Au-187

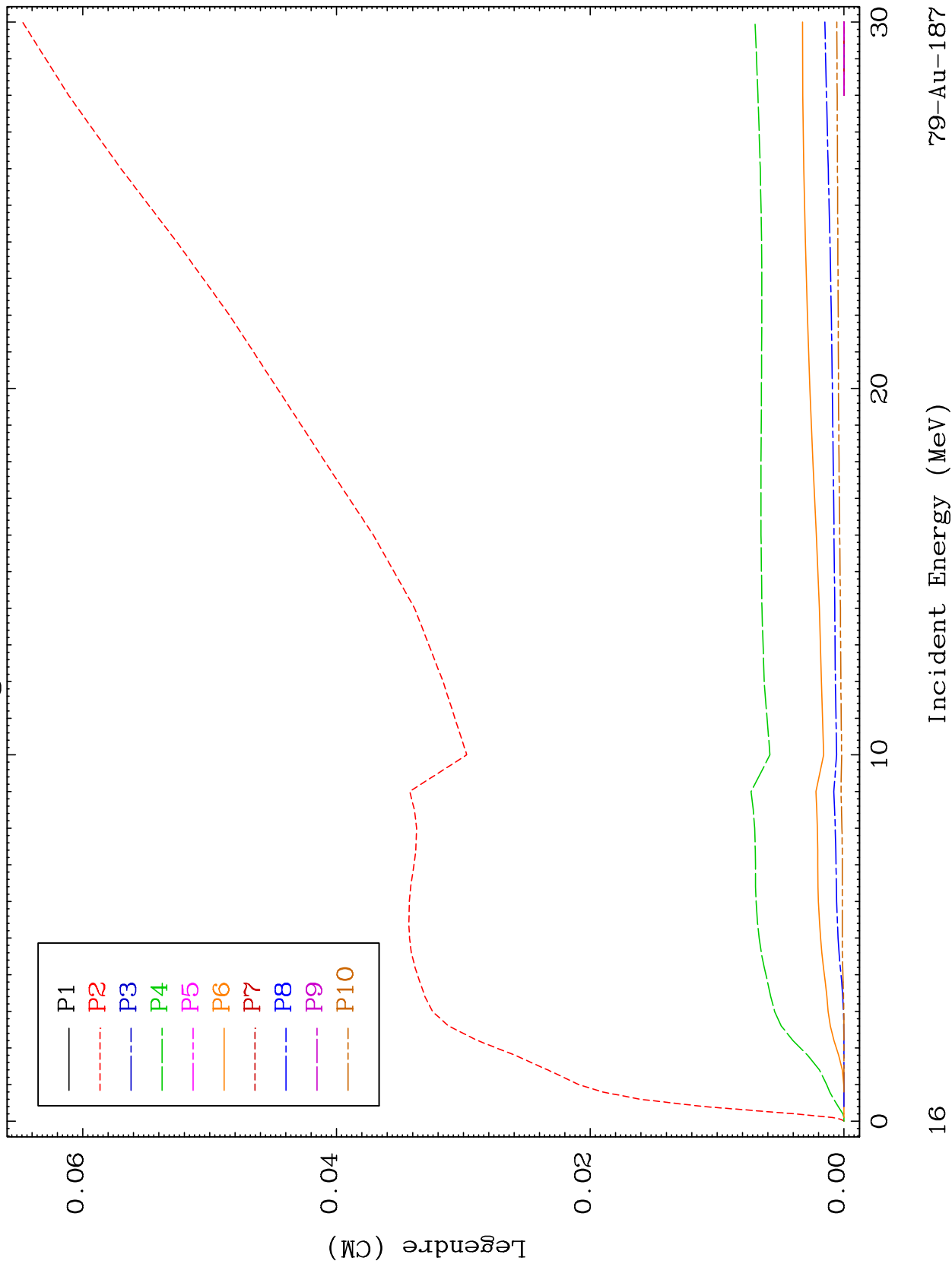




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Elastic Legendre Coefficients

79-Au-187



79-Au-187

Incident Energy (MeV)

16

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Elastic Legendre Coefficients

79-Au-187



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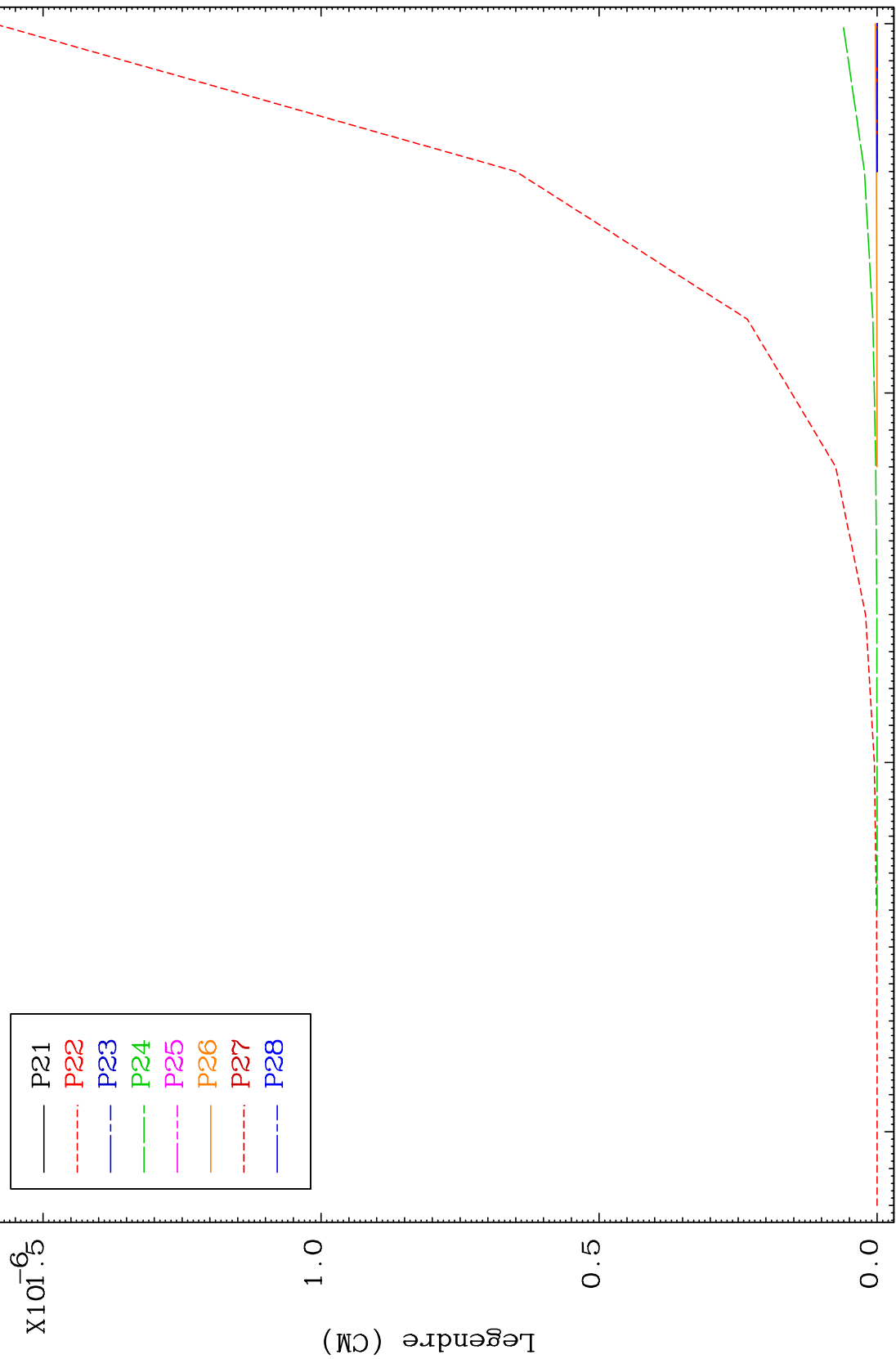
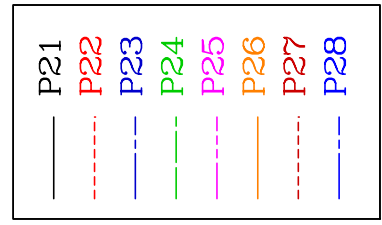
Incident Energy (MeV)

79-Au-187

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Elastic Legendre Coefficients

79-Au-187



18

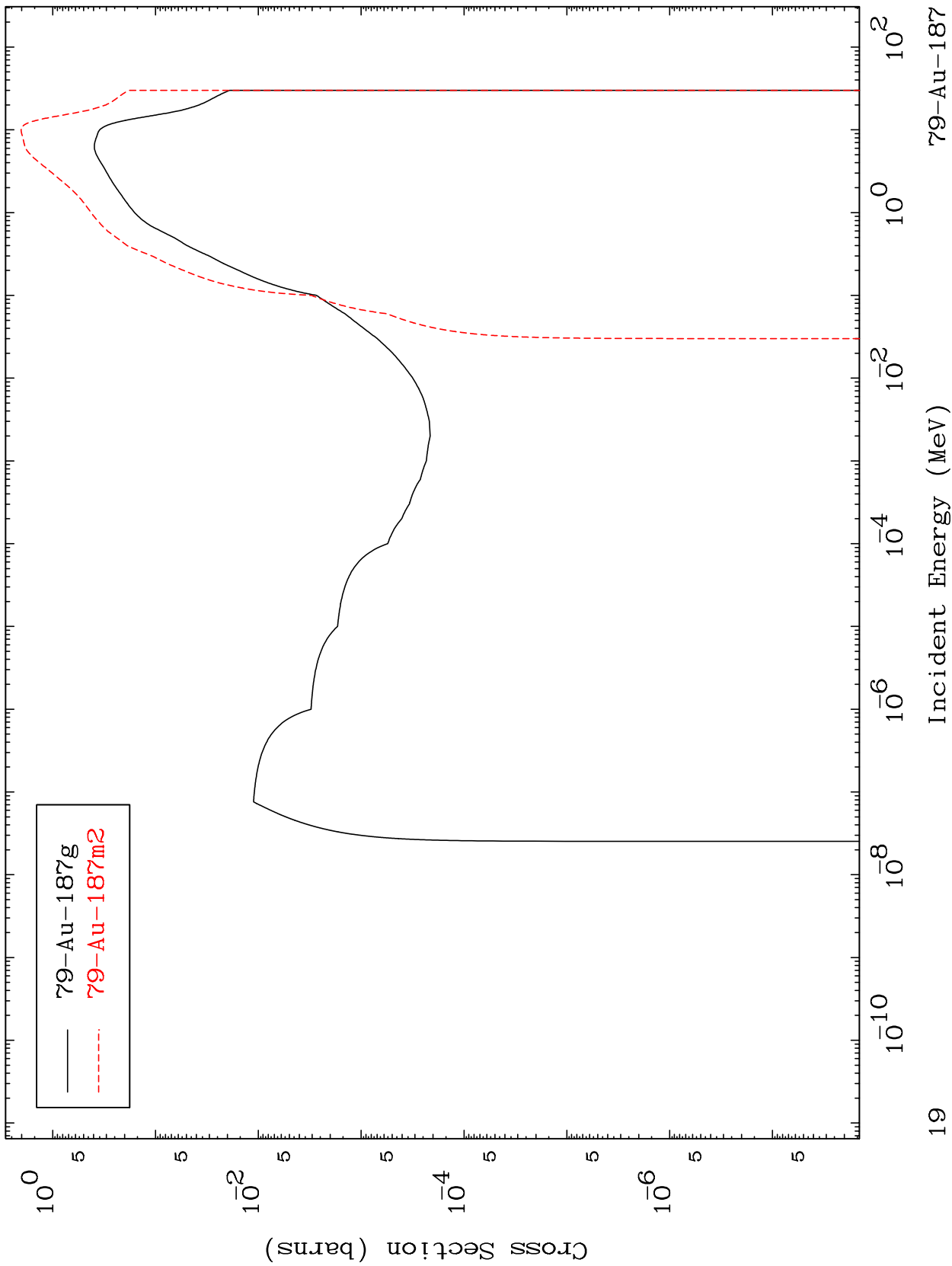
Incident Energy (MeV)

79-Au-187

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⁷⁹Au-187

Inelastic
Radionuclide Production Cross Section

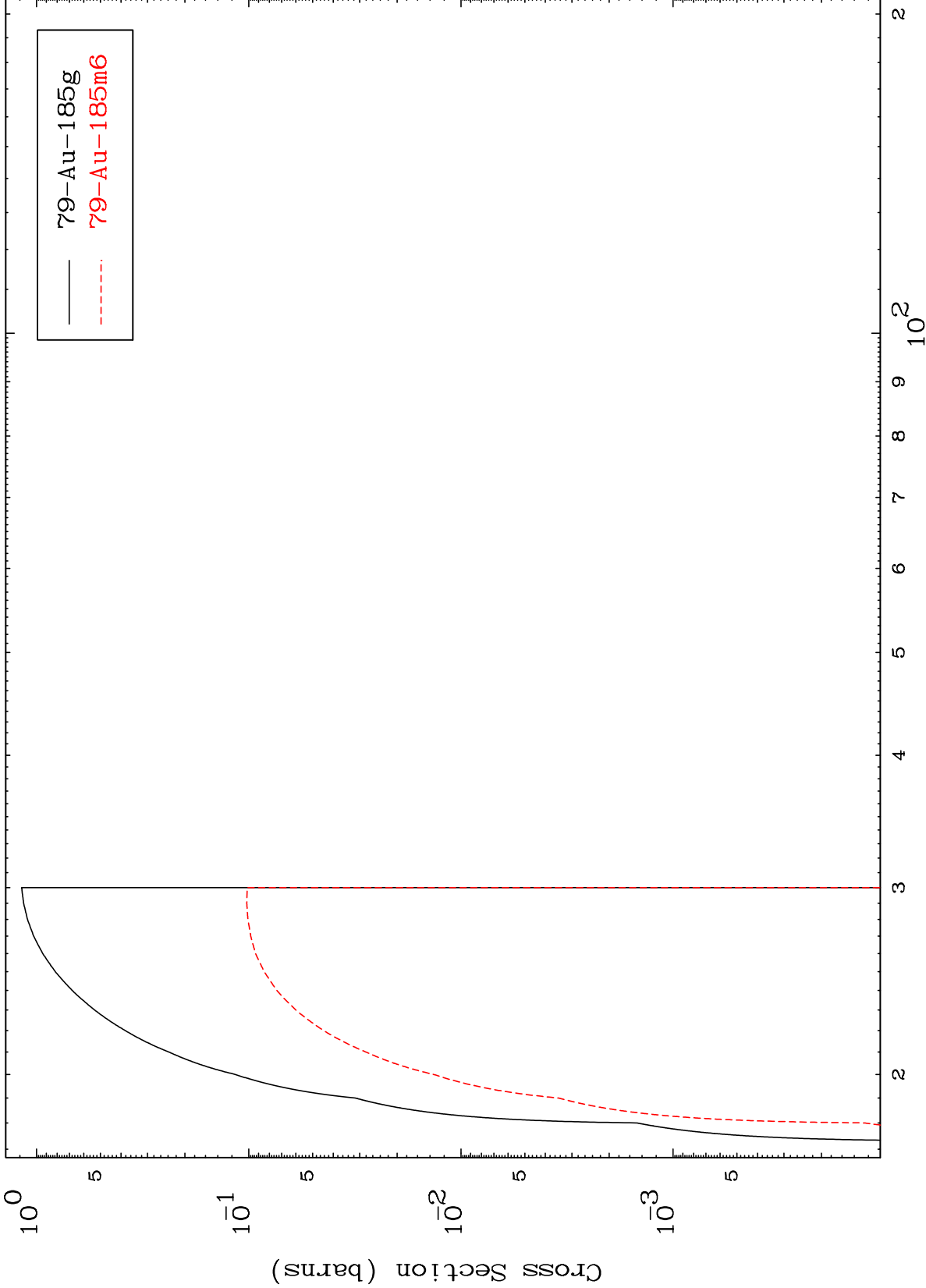


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(n,3n)

79-Au-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

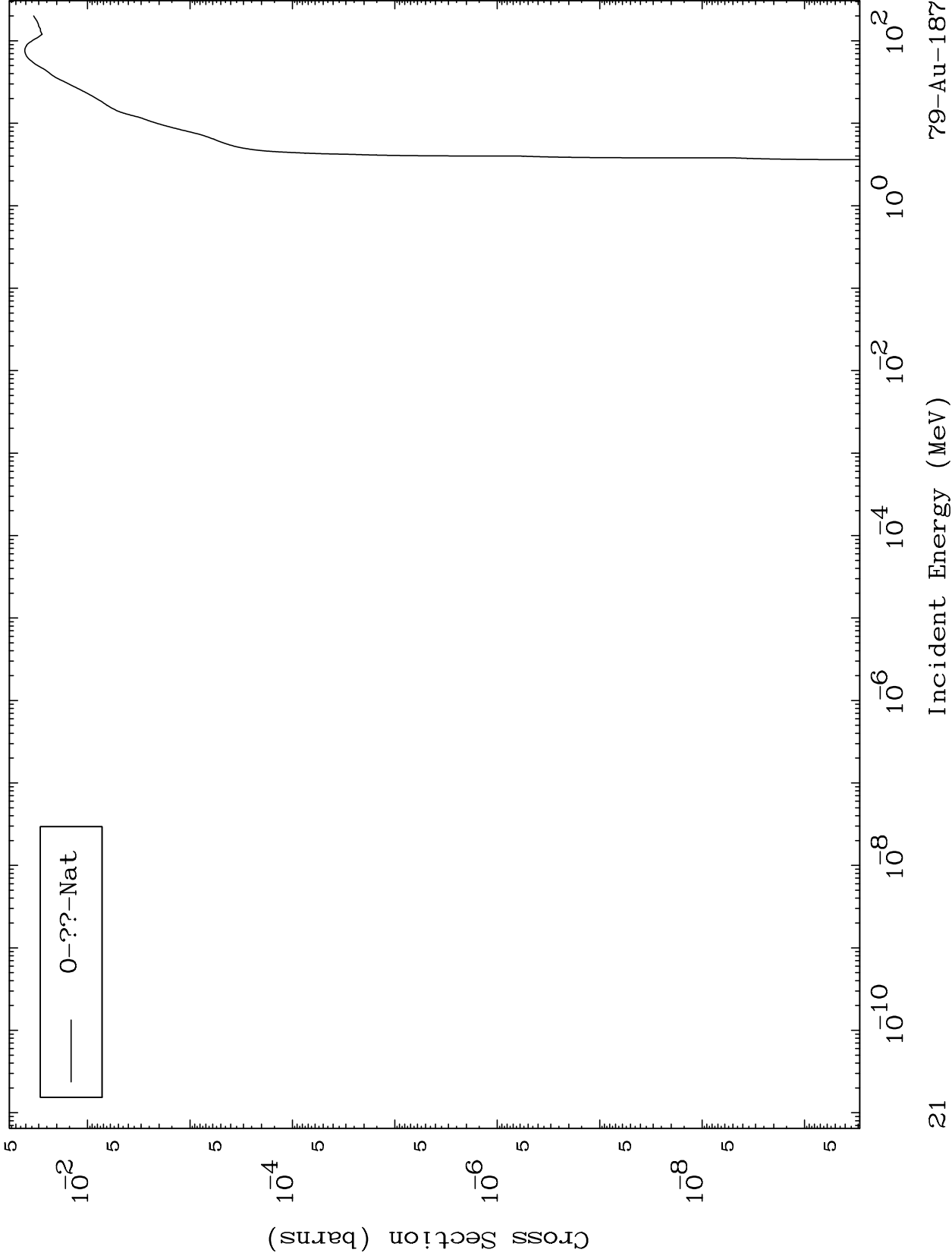
79-Au-187

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Fission

79-Au-187

Radionuclide Production Cross Section

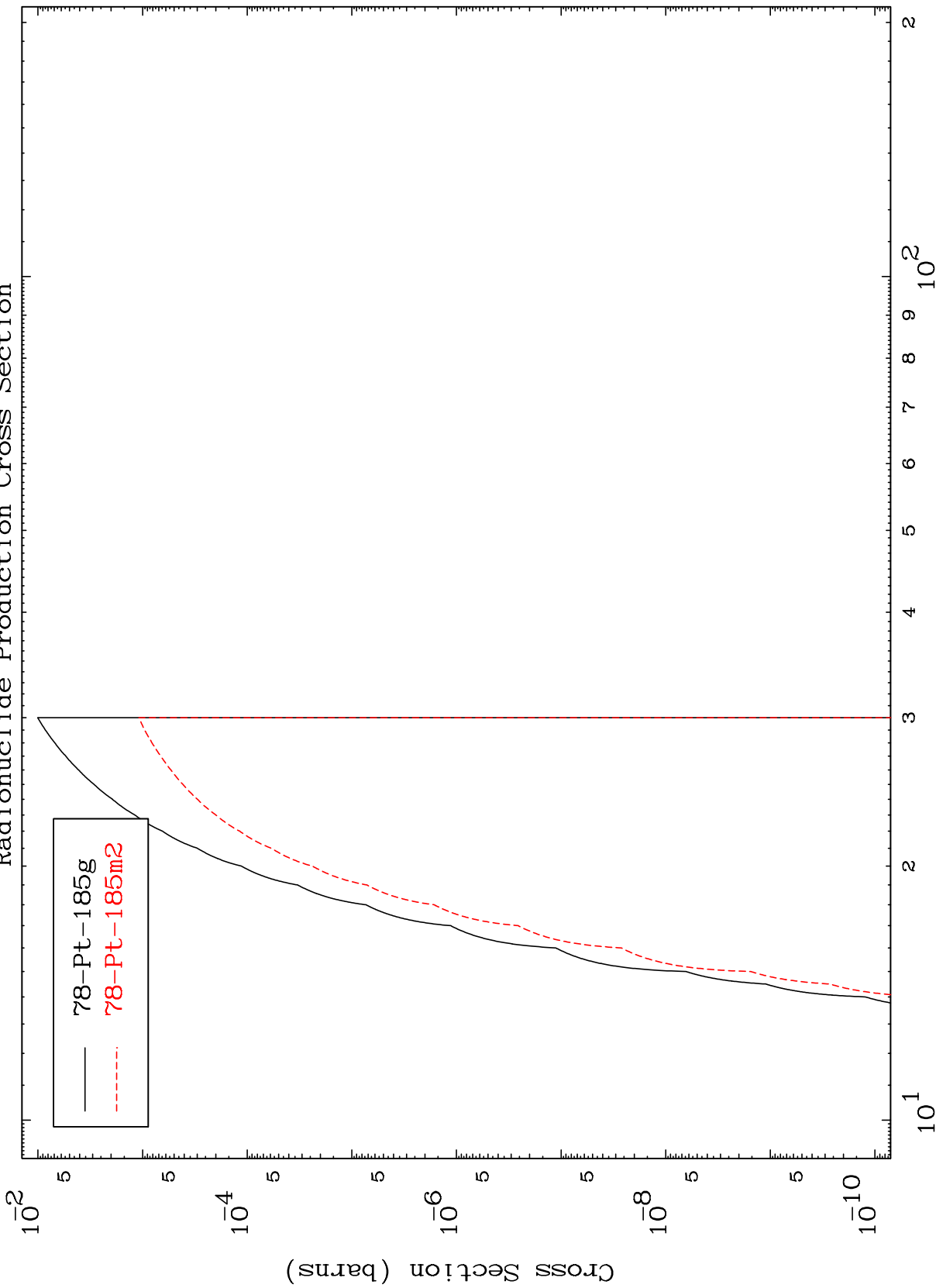


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(n,n') d

79-Au-187

Radionuclide Production Cross Section



22

Incident Energy (MeV)

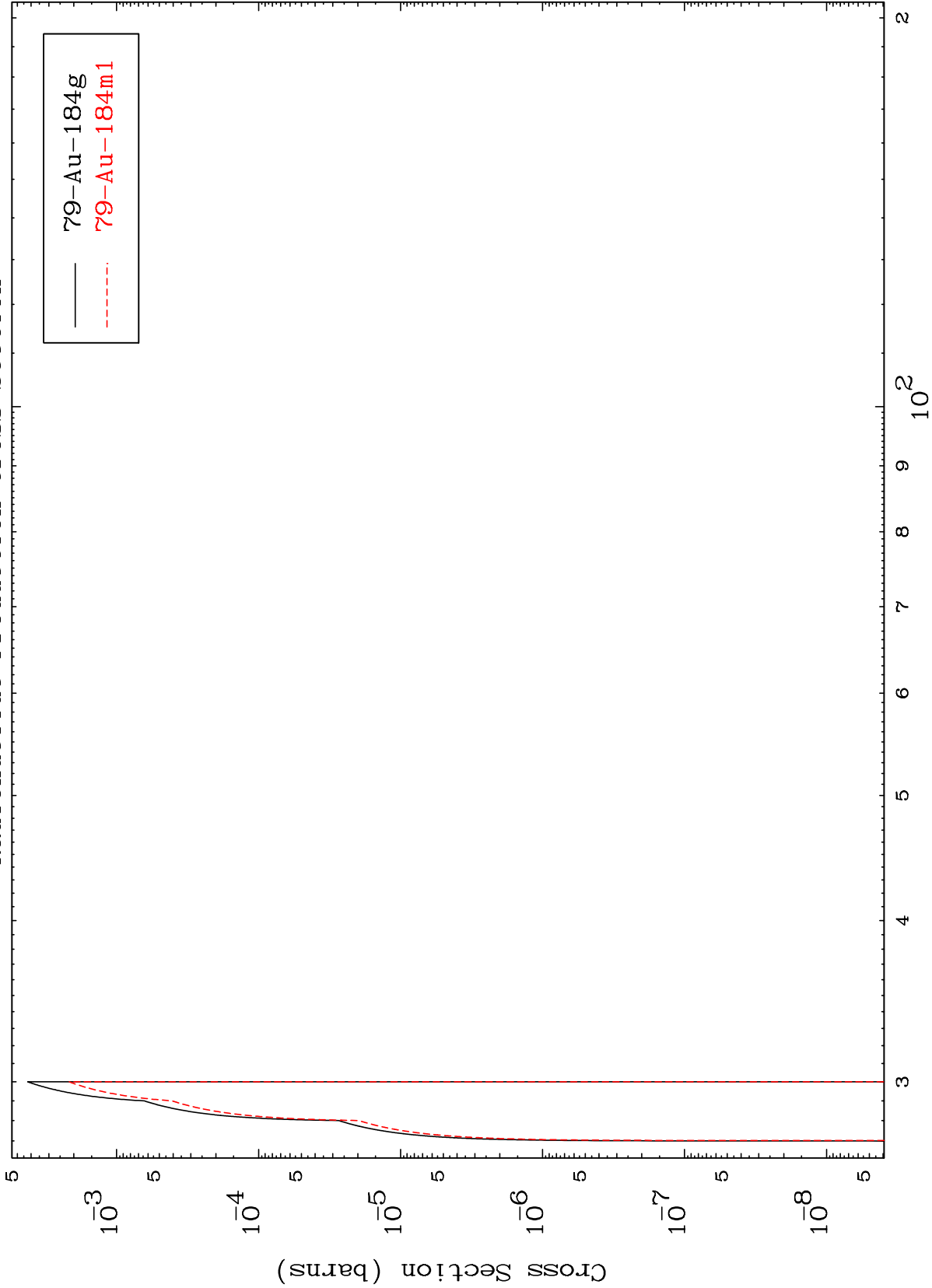
79-Au-187

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(n,4n)

⁷⁹Au-187

Radionuclide Production Cross Section



23

Incident Energy (MeV)

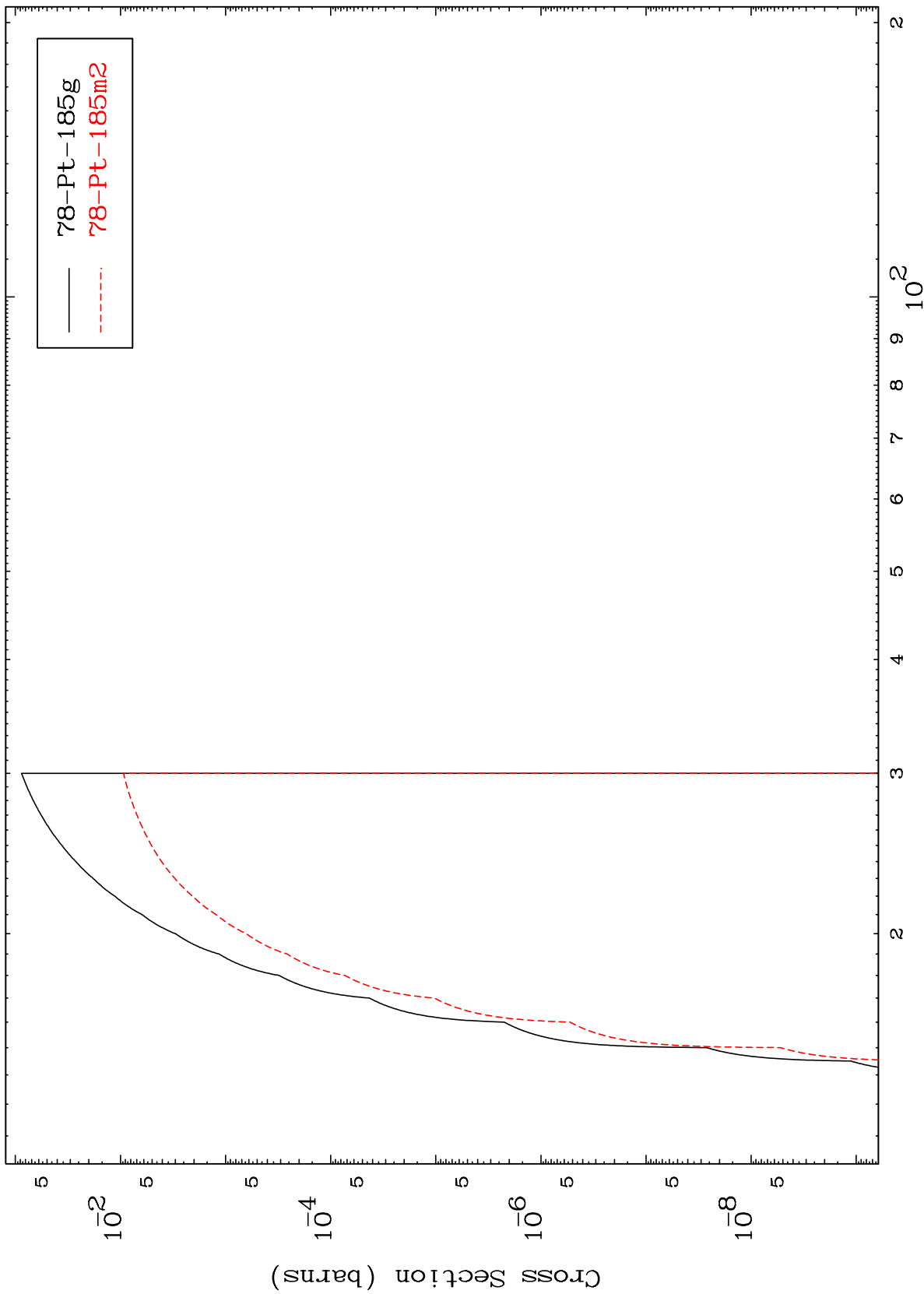
⁷⁹Au-187

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(n,2n) p

79-Au-187

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

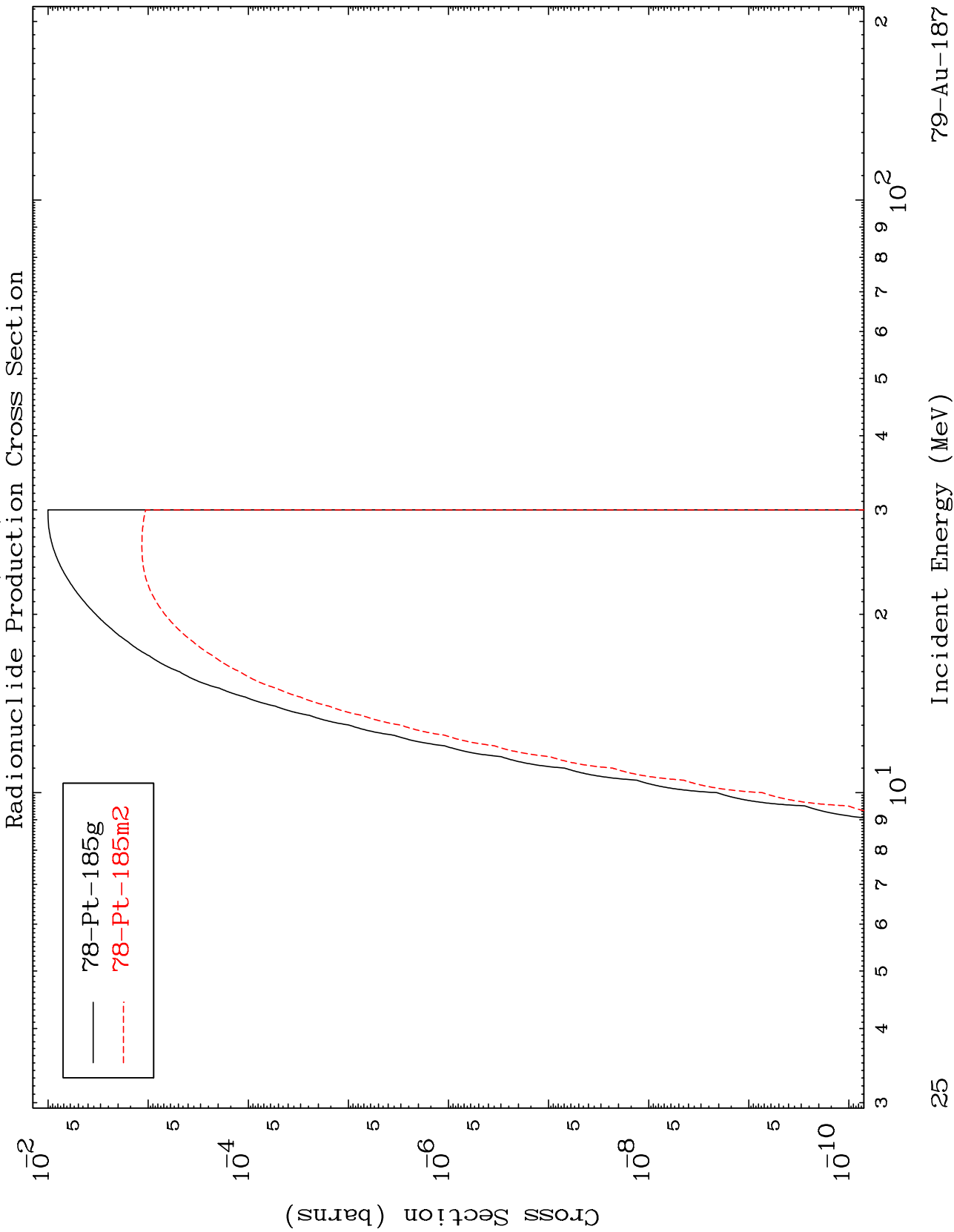
24

Incident Energy (MeV)

79-Au-187

MAT 7896

79-Au-187



79-Au-187

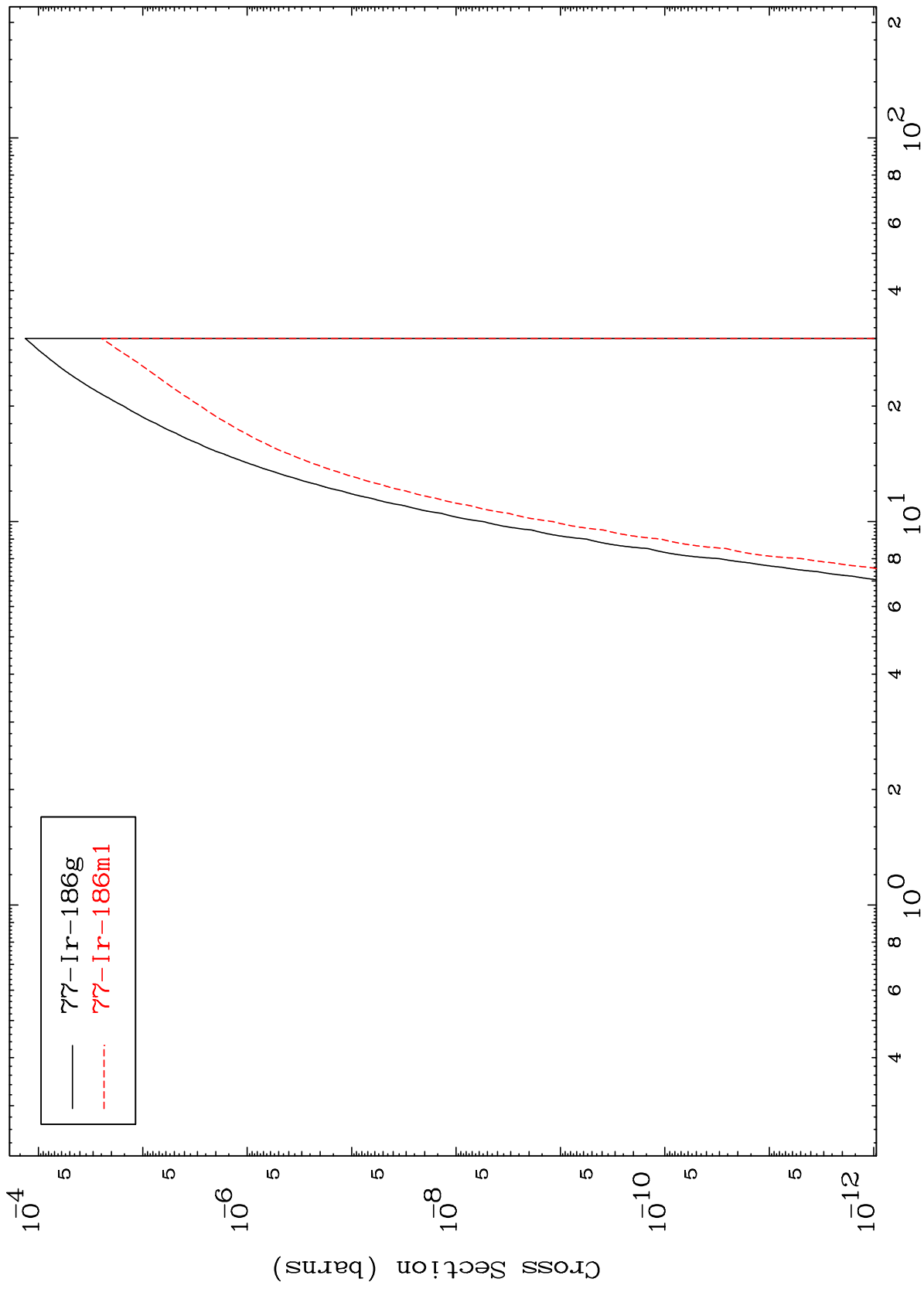
Incident Energy (MeV)

25

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79-Au-187

(n,2p)
Radionuclide Production Cross Section



— 77-Ir-186g
- - - 77-Ir-186m1

79-Au-187

Incident Energy (MeV)

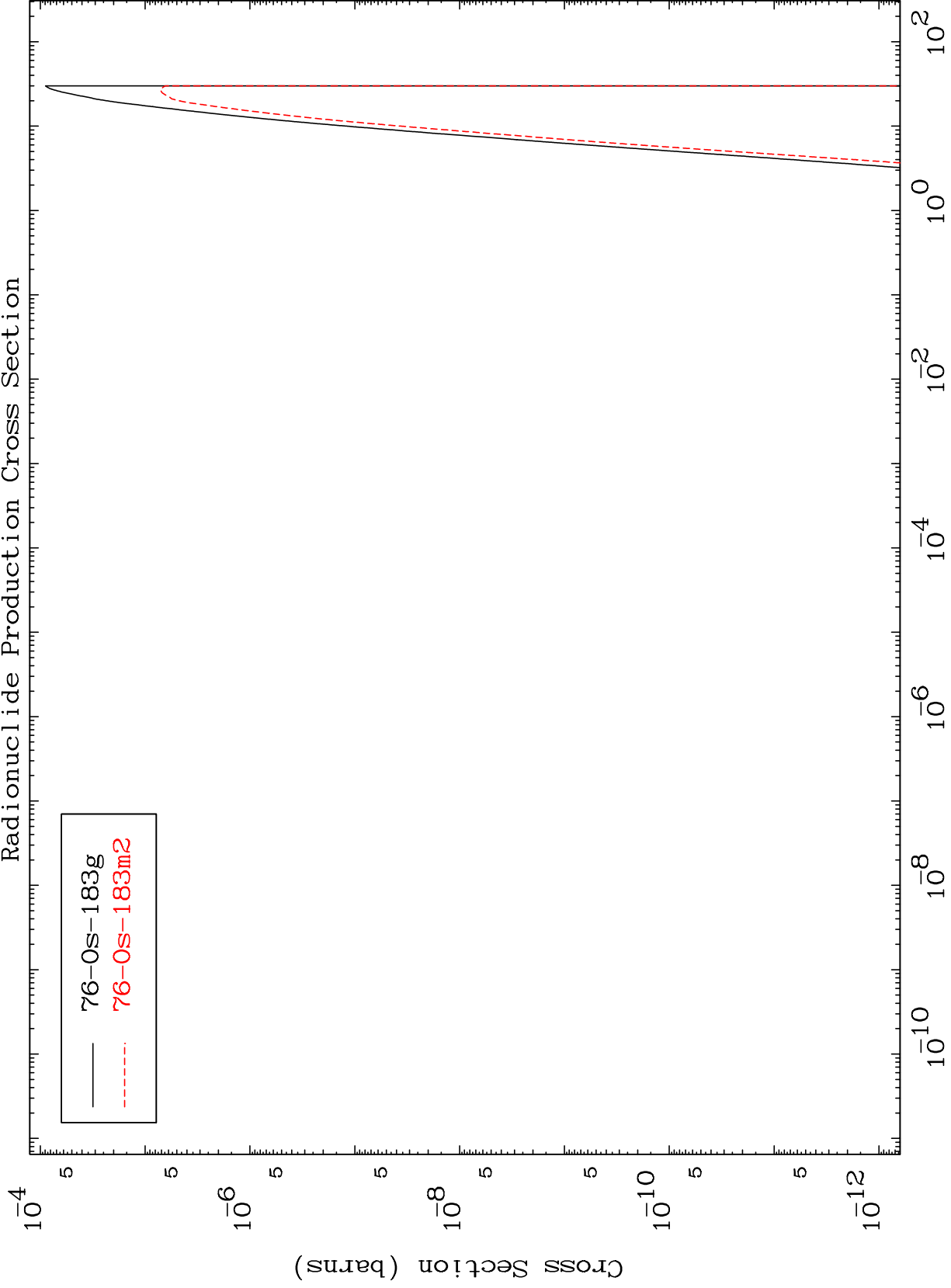
26

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(n,p) α

⁷⁹Au-187

Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁹Au-187