

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

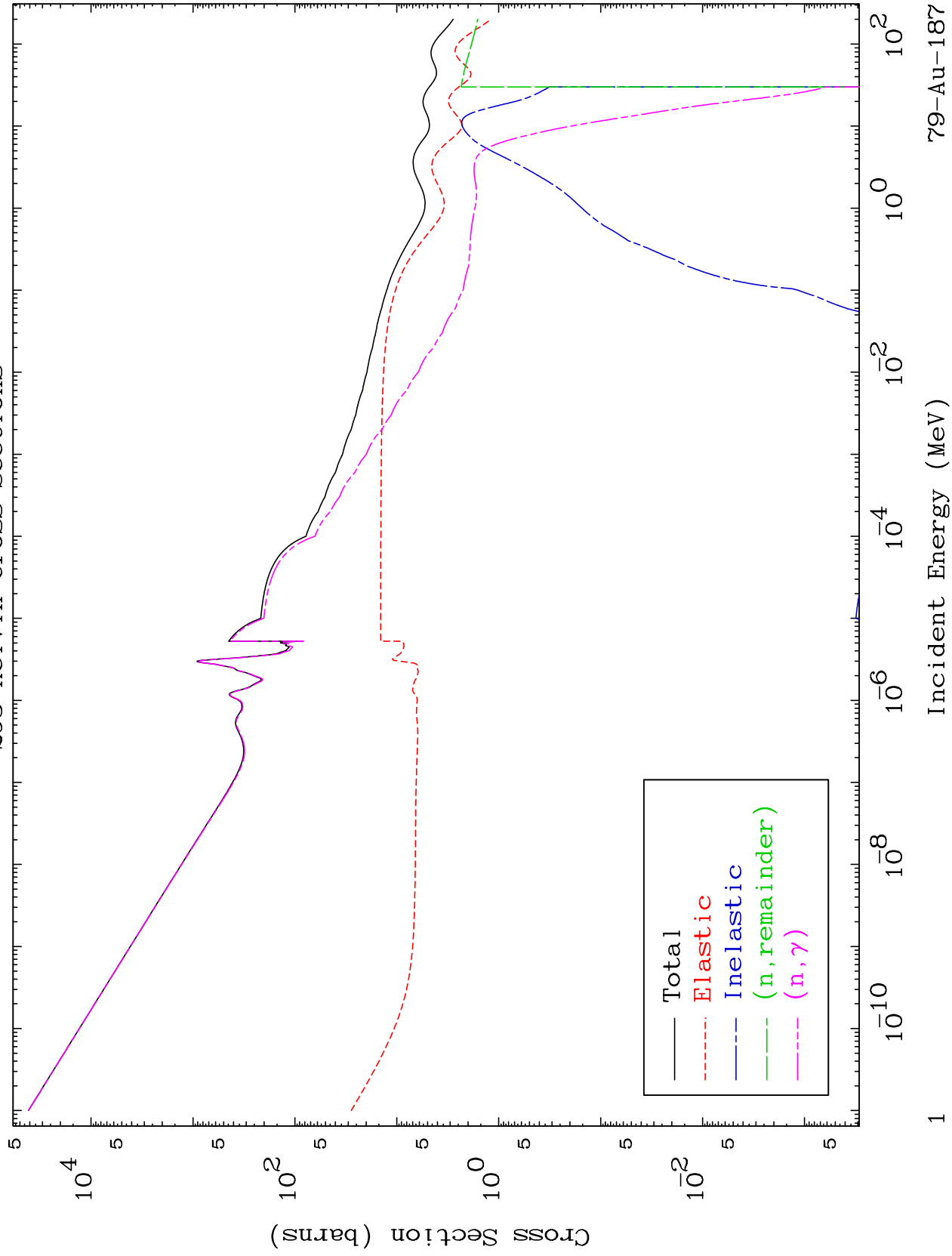
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7896

Major
293 Kelvin Cross Sections

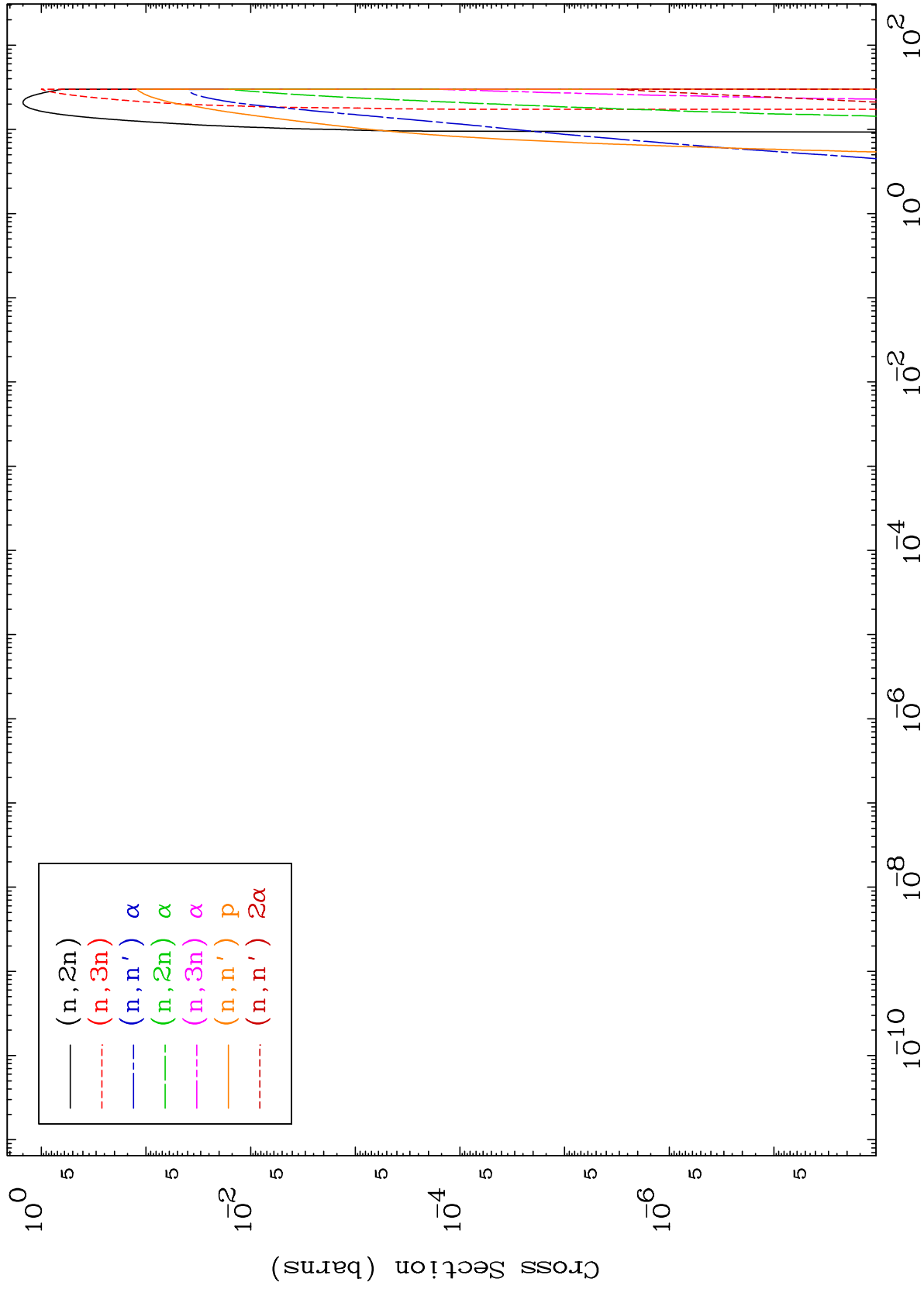
79-Au-187



MAT 7896

Neutron Production
293 Kelvin Cross Sections

79-Au-187

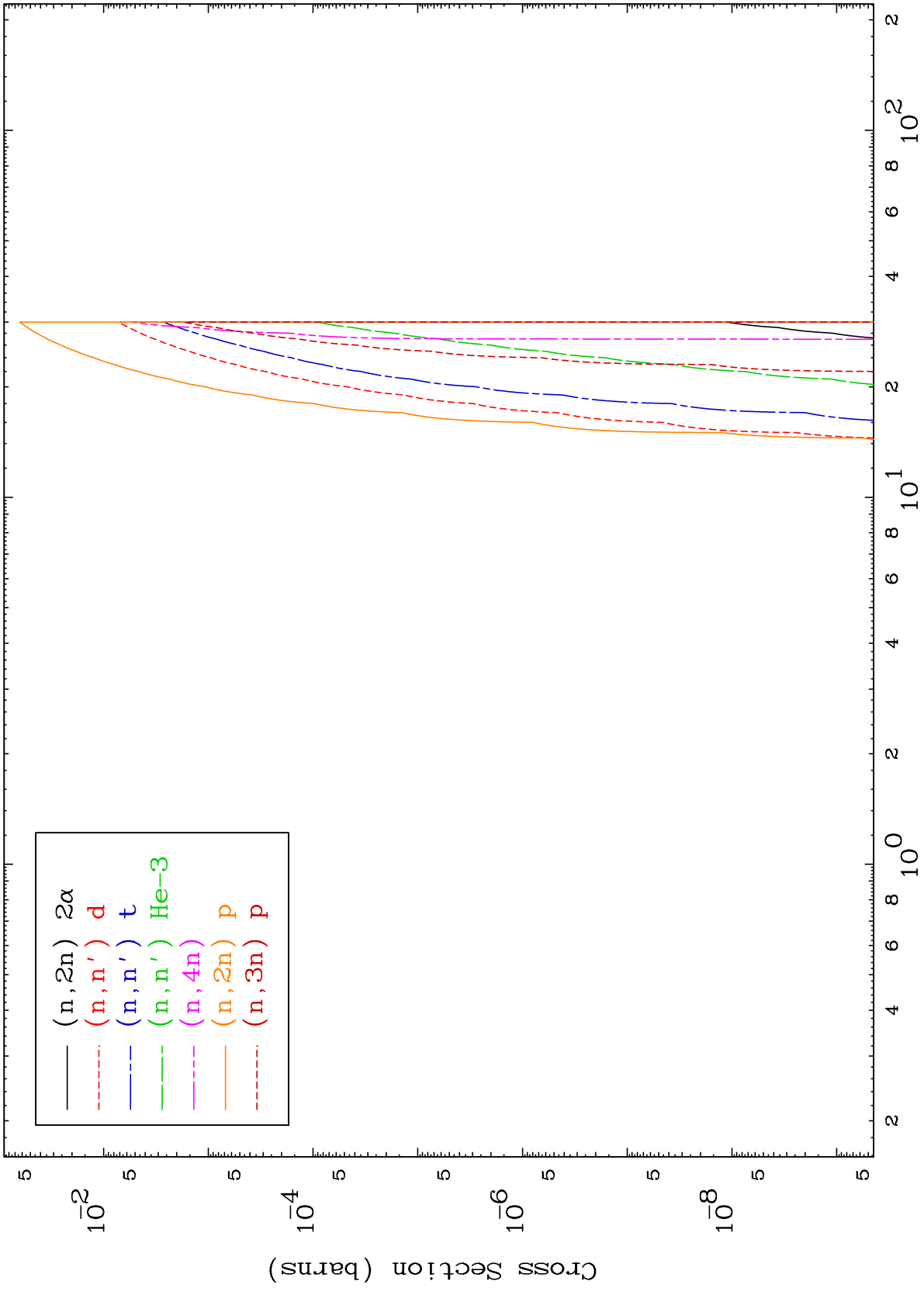


79-Au-187

MAT 7896

Neutron Production
293 Kelvin Cross Sections

79-Au-187



79-Au-187

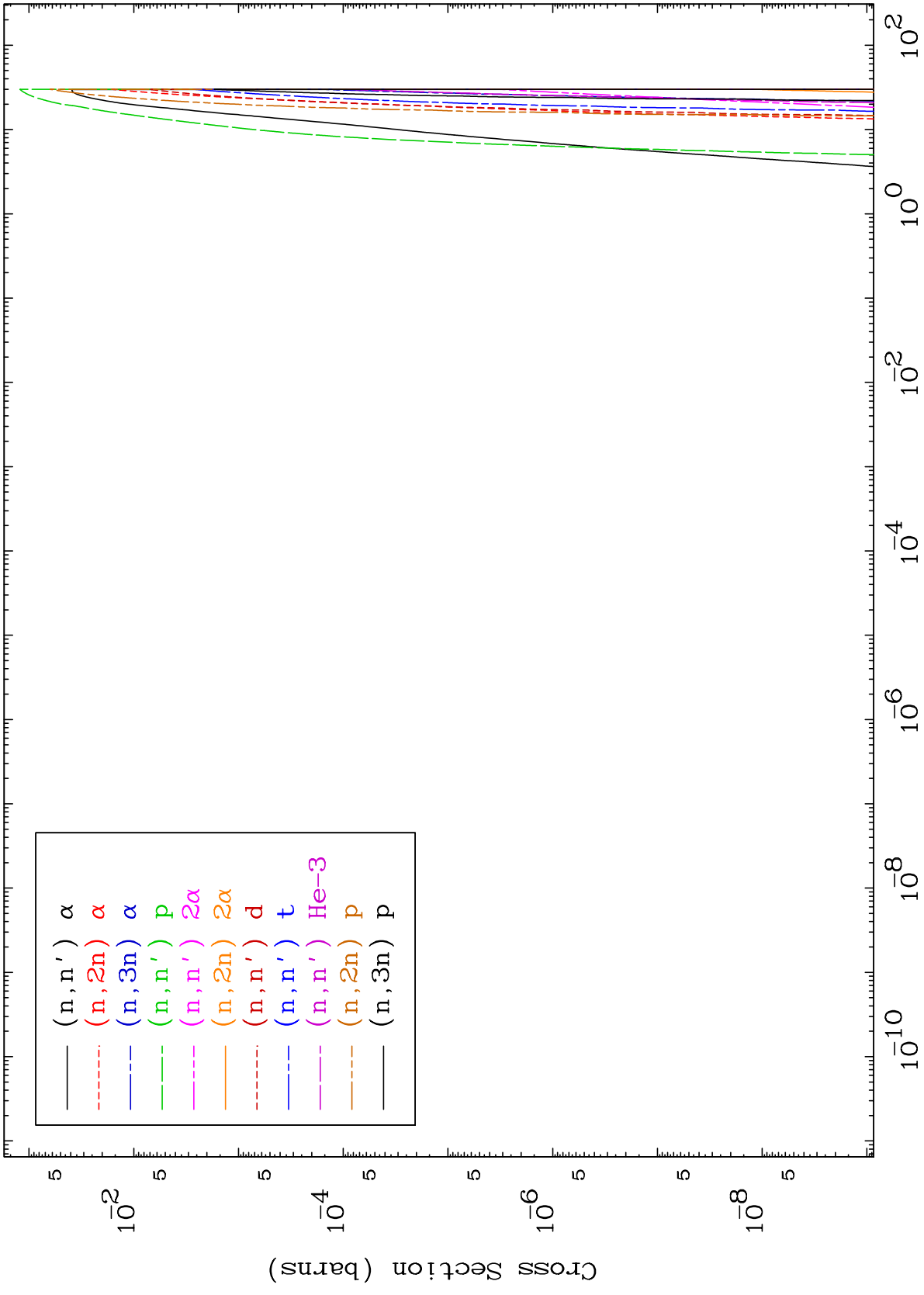
Incident Energy (MeV)

3

MAT 7896

Charged Particle
293 Kelvin Cross Sections

79-Au-187

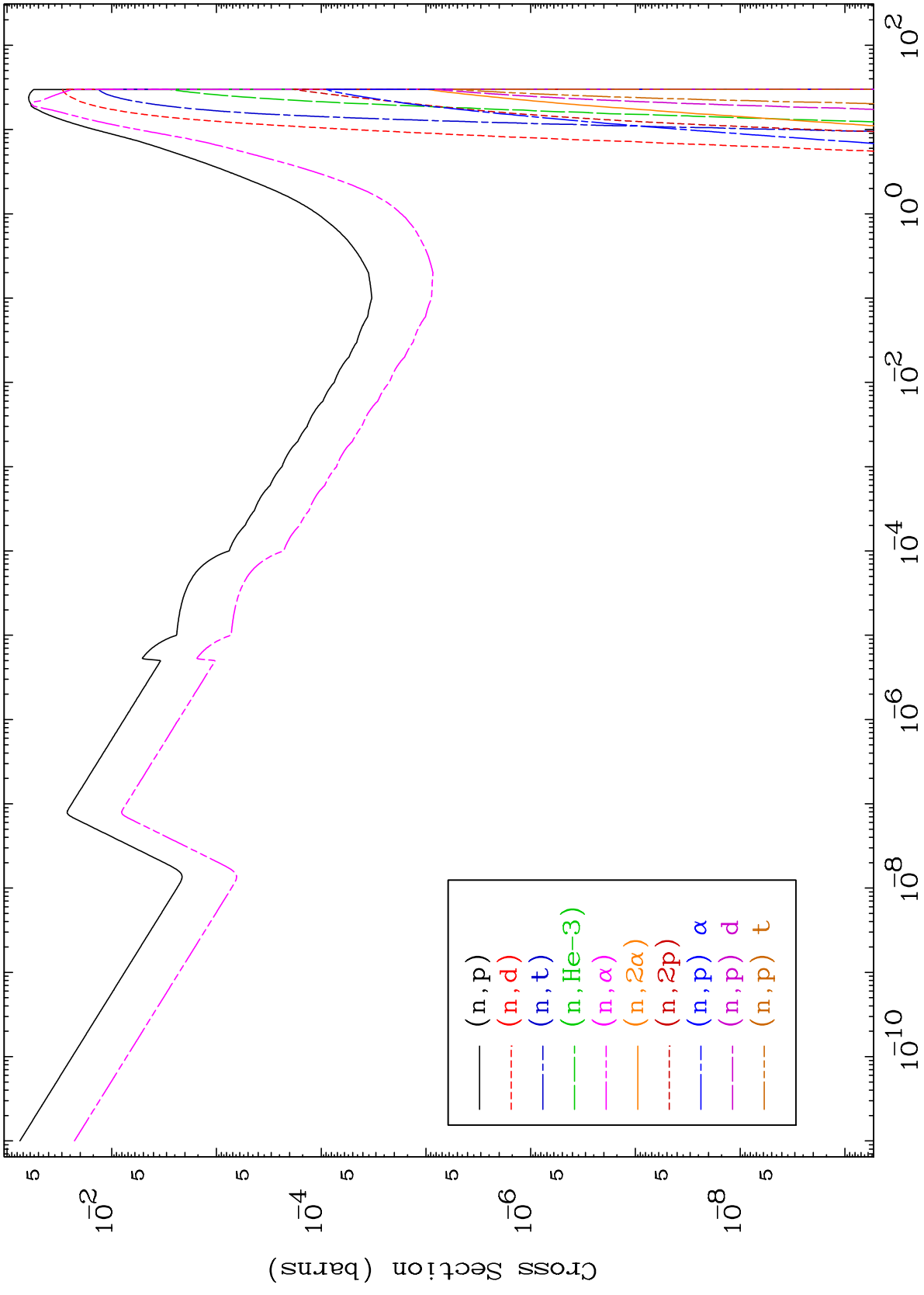


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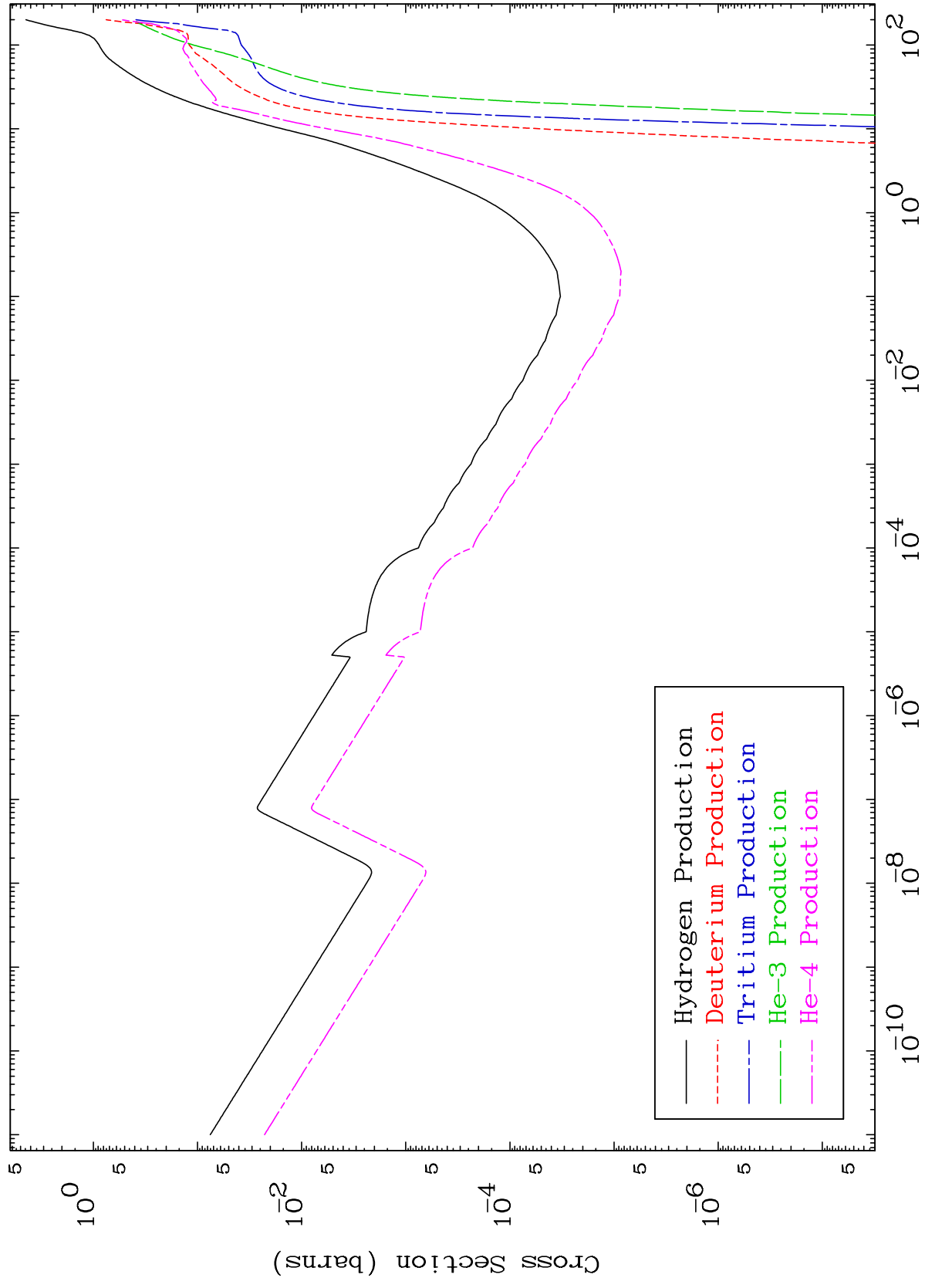
MAT 7896

293 Kelvin Cross Sections

79-Au-187



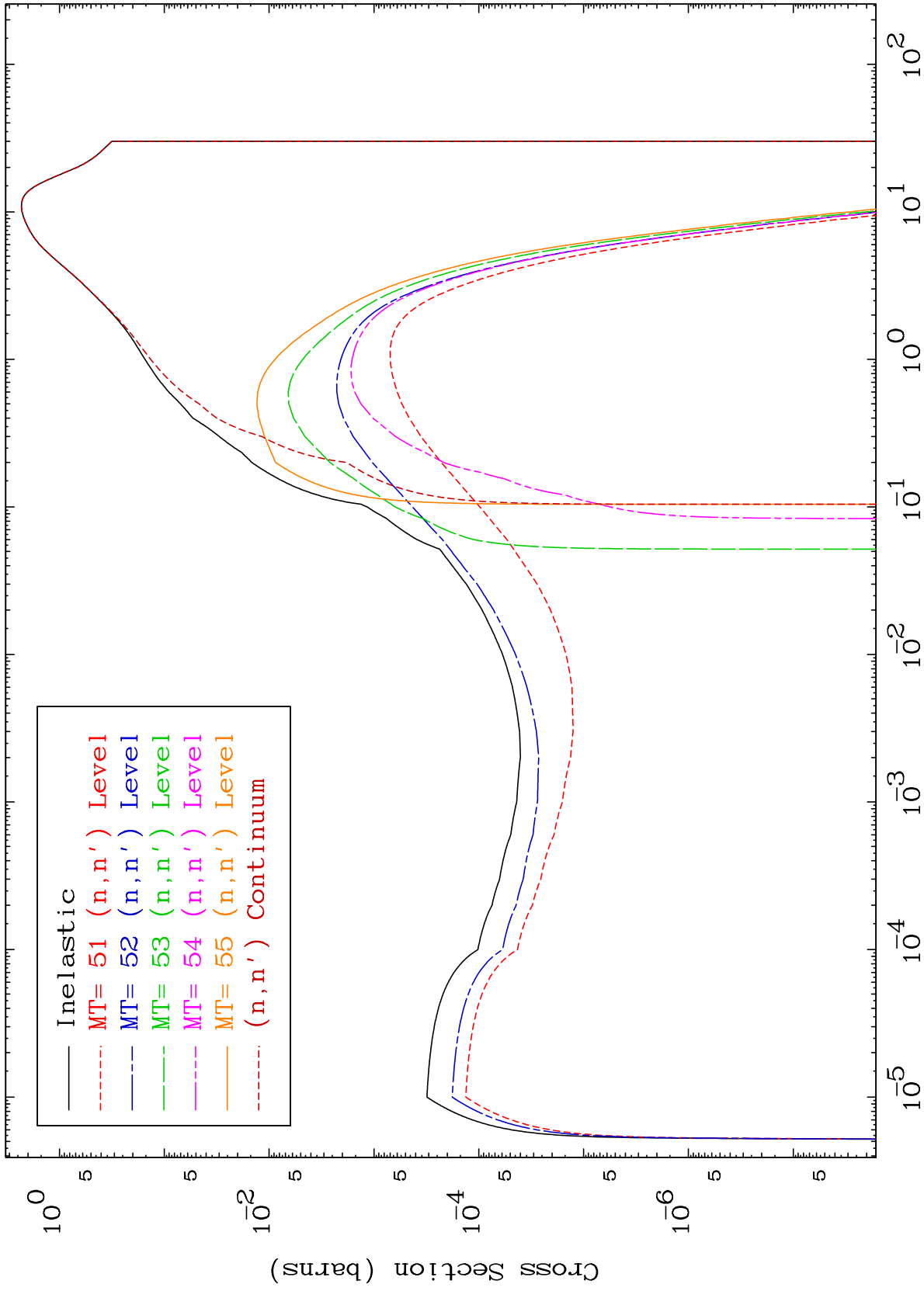
79-Au-187



MAT 7896

(n,n') Level
293 Kelvin Cross Sections

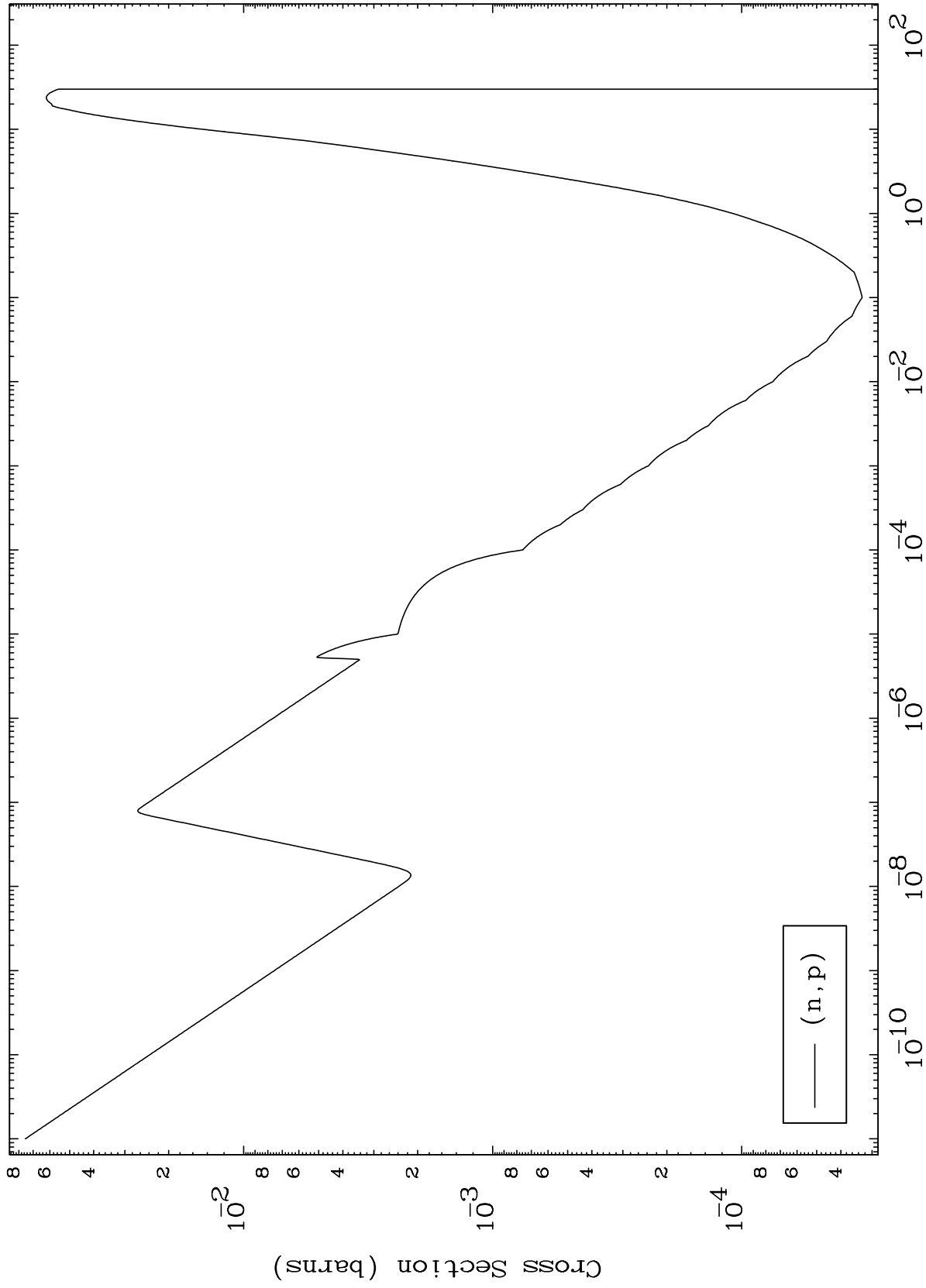
79-Au-187



MAT 7896

(n,p) Levels
293 Kelvin Cross Sections

79-Au-187



8

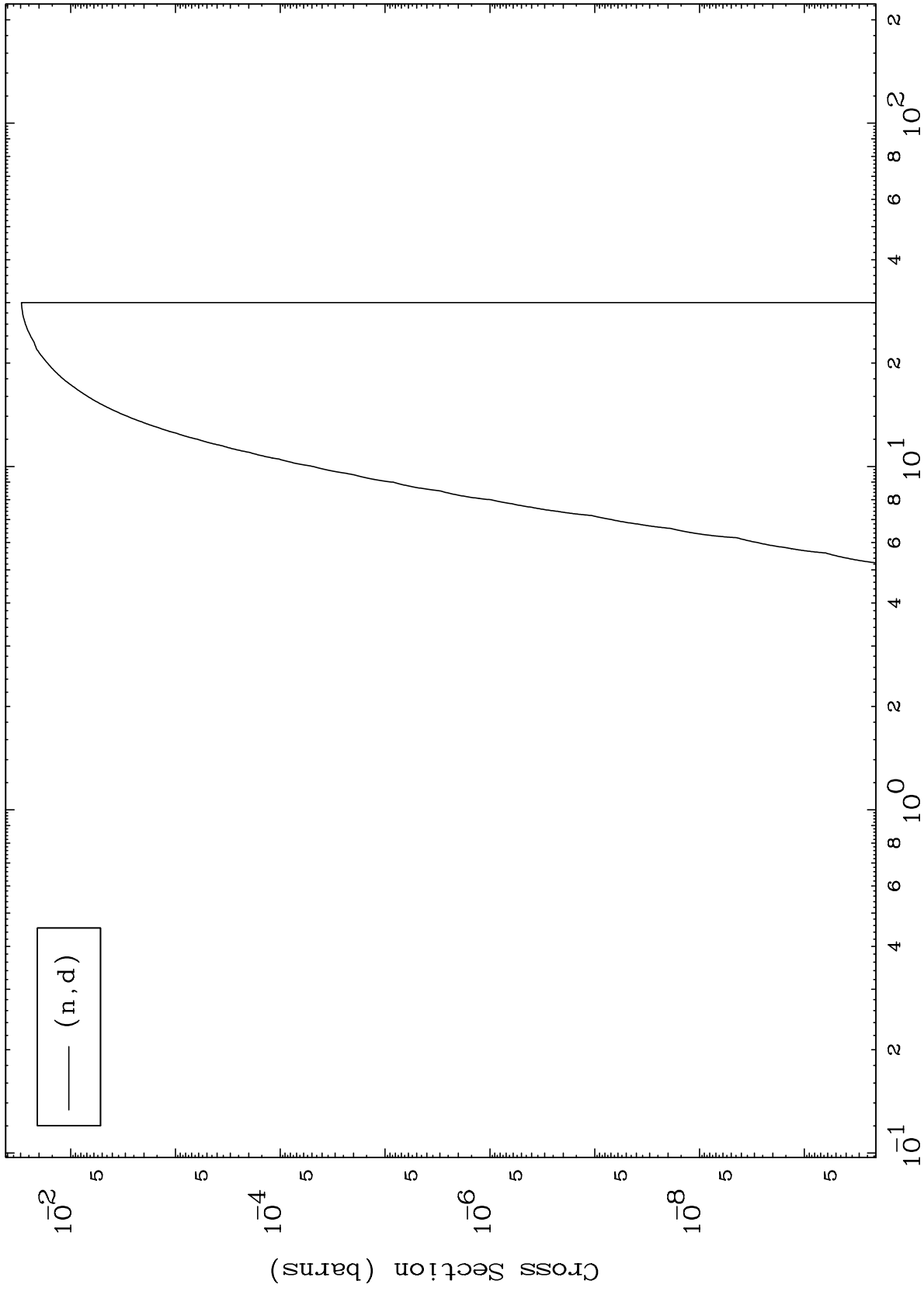
Incident Energy (MeV)

79-Au-187

MAT 7896

(n,d) Levels
293 Kelvin Cross Sections

79-Au-187



9

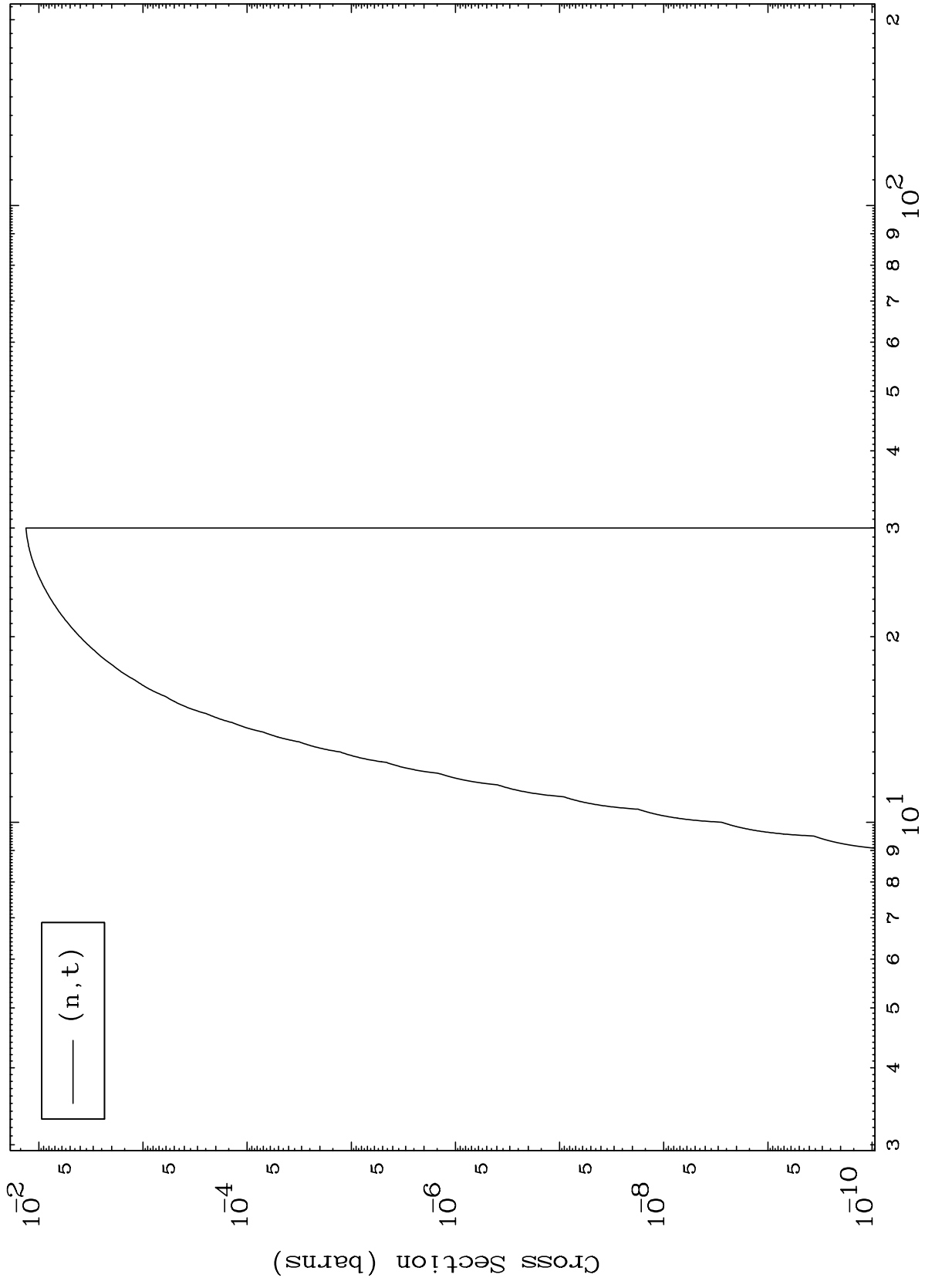
Incident Energy (MeV)

79-Au-187

MAT 7896

(n,t) Levels
293 Kelvin Cross Sections

79-Au-187



10

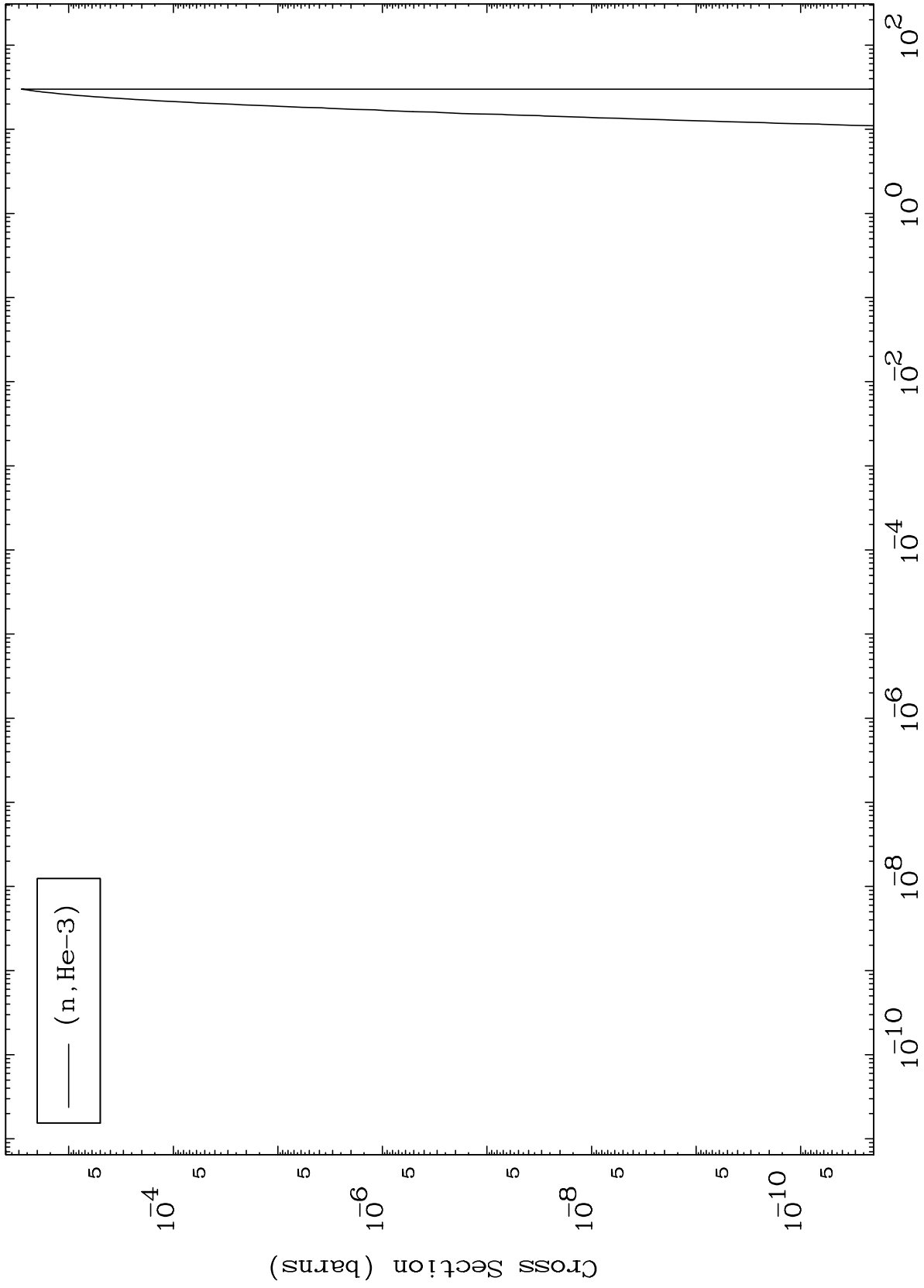
Incident Energy (MeV)

79-Au-187

MAT 7896

(n,He3) Levels
293 Kelvin Cross Sections

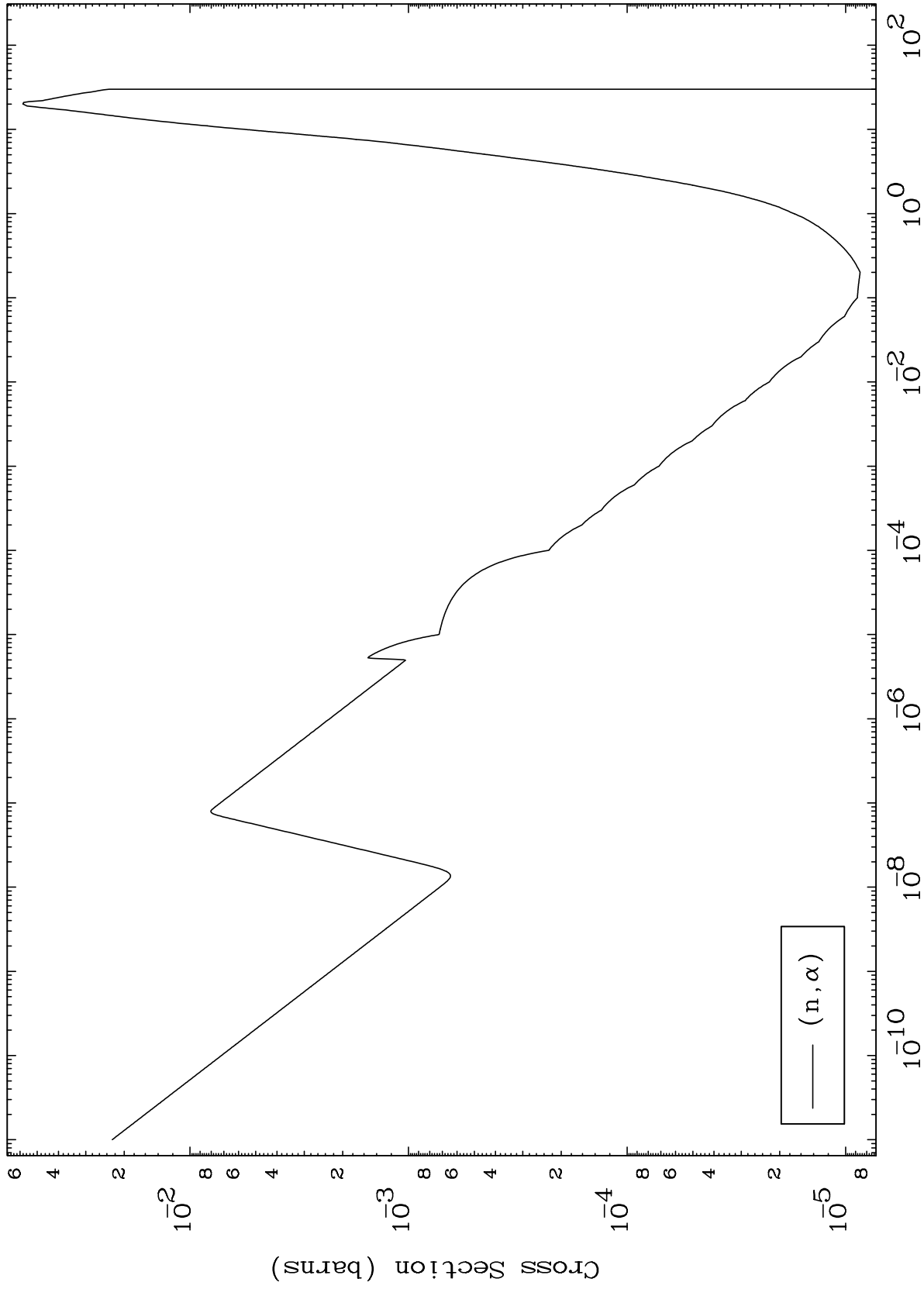
79-Au-187



MAT 7896

(n,α) Levels
293 Kelvin Cross Sections

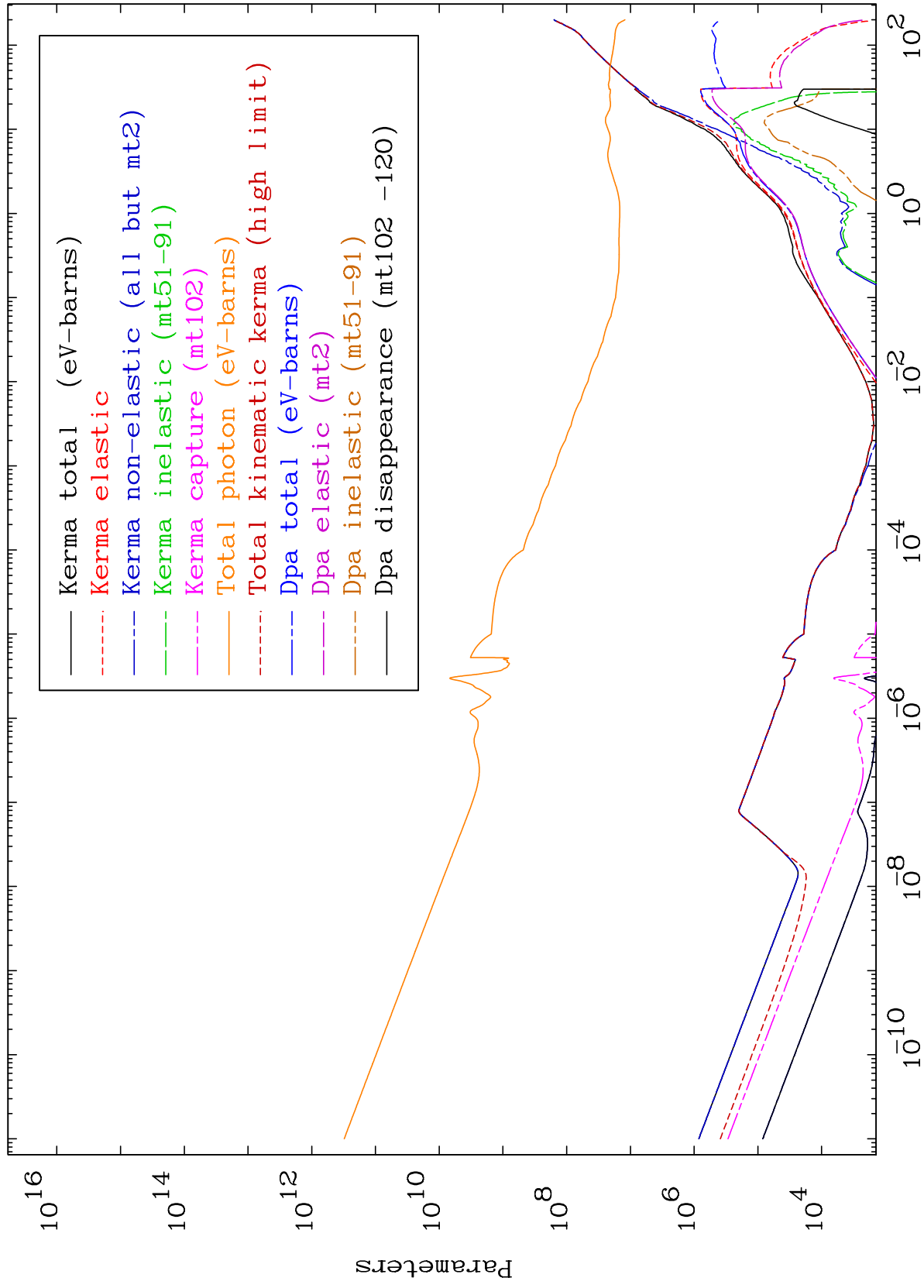
79-Au-187



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Incident Energy (MeV)

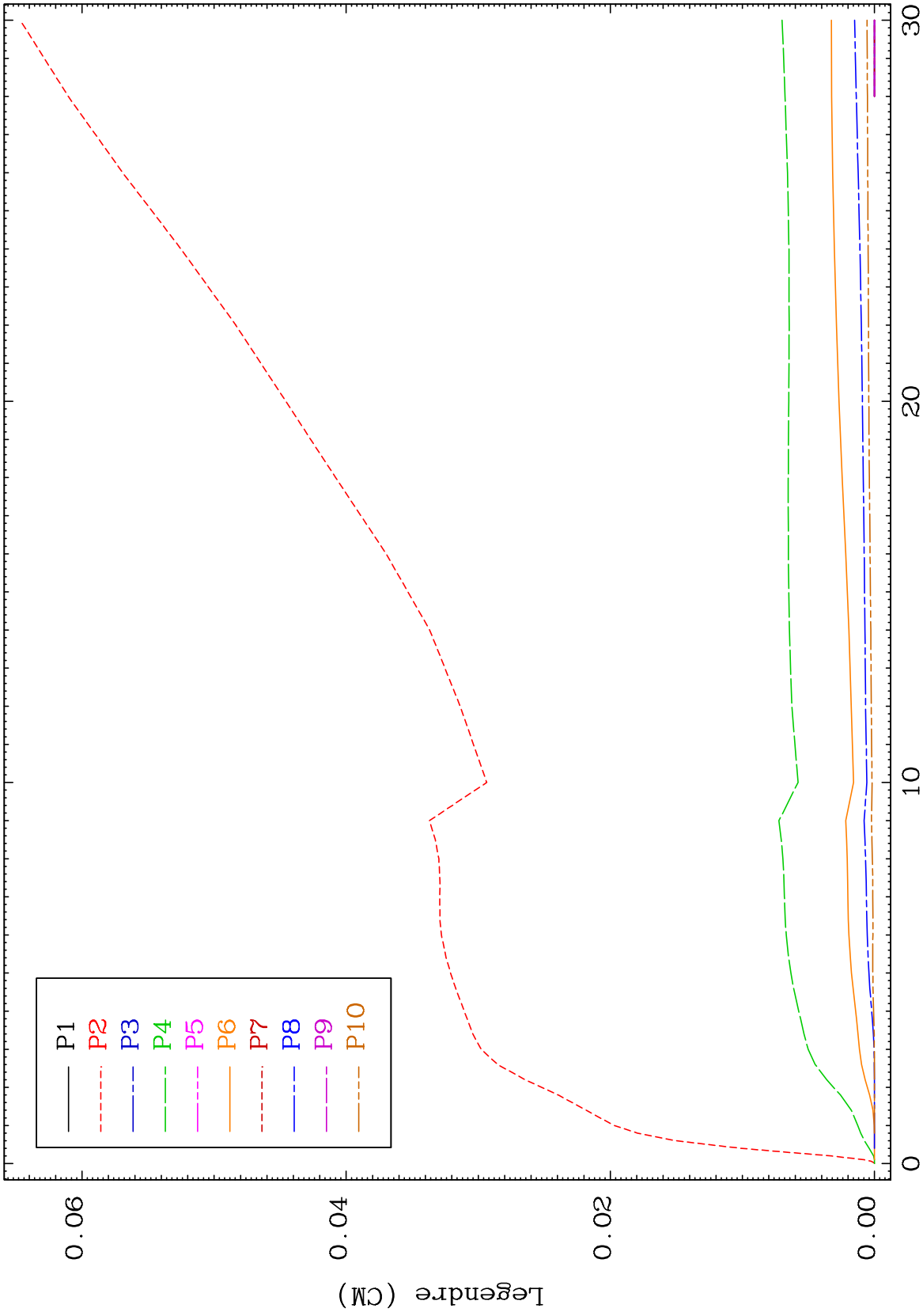
79-Au-187



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Elastic Legendre Coefficients

79-Au-187



14

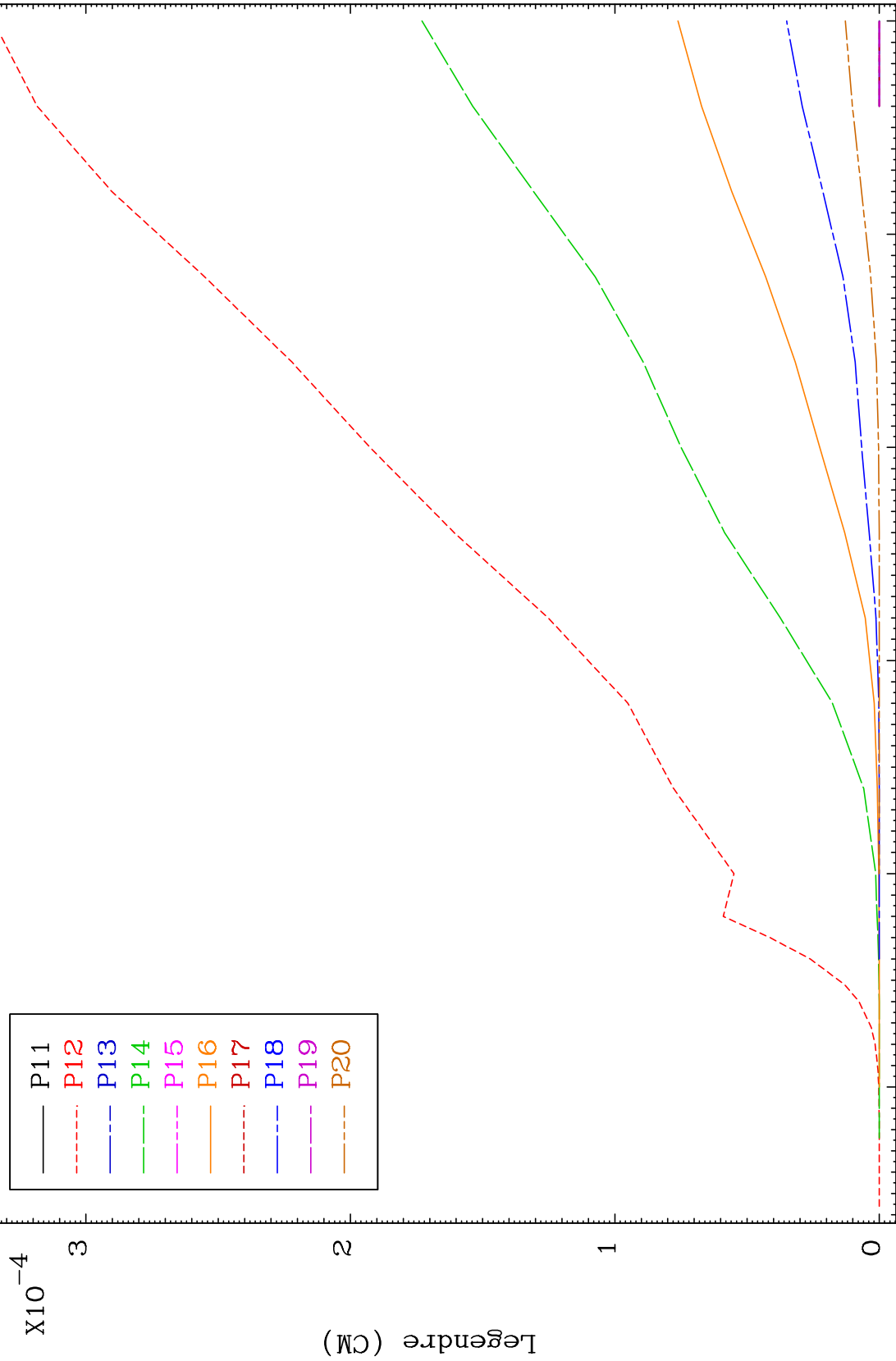
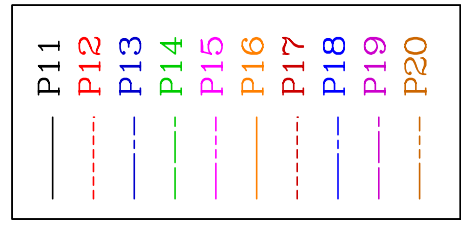
Incident Energy (MeV)

79-Au-187

MAT 7896

Elastic Legendre Coefficients

79-Au-187



15

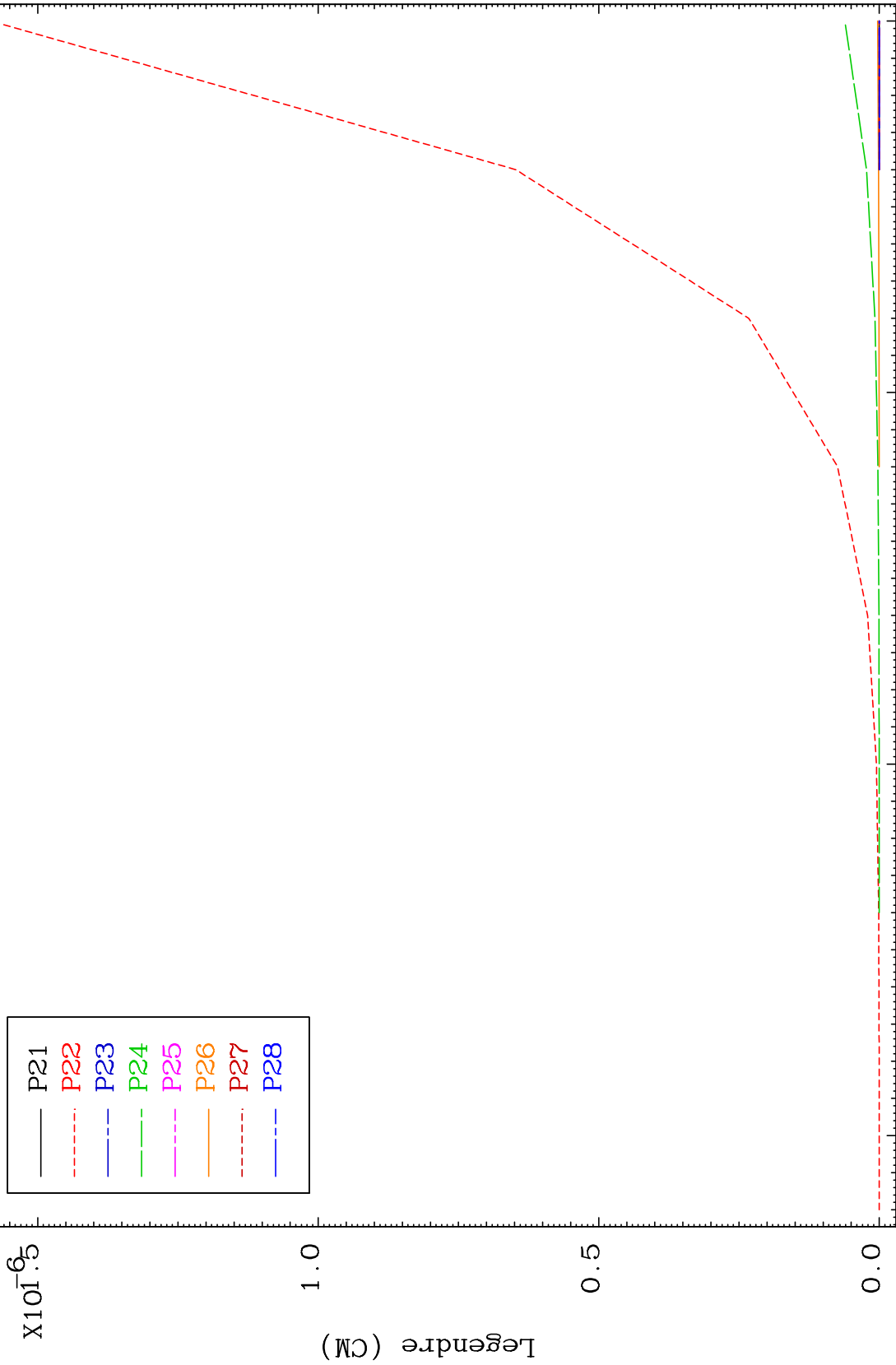
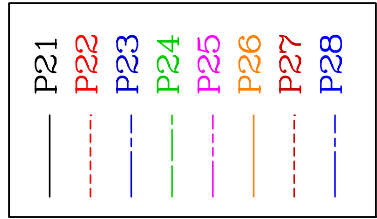
Incident Energy (MeV)

79-Au-187

MAT 7896

Elastic Legendre Coefficients

79-Au-187



16

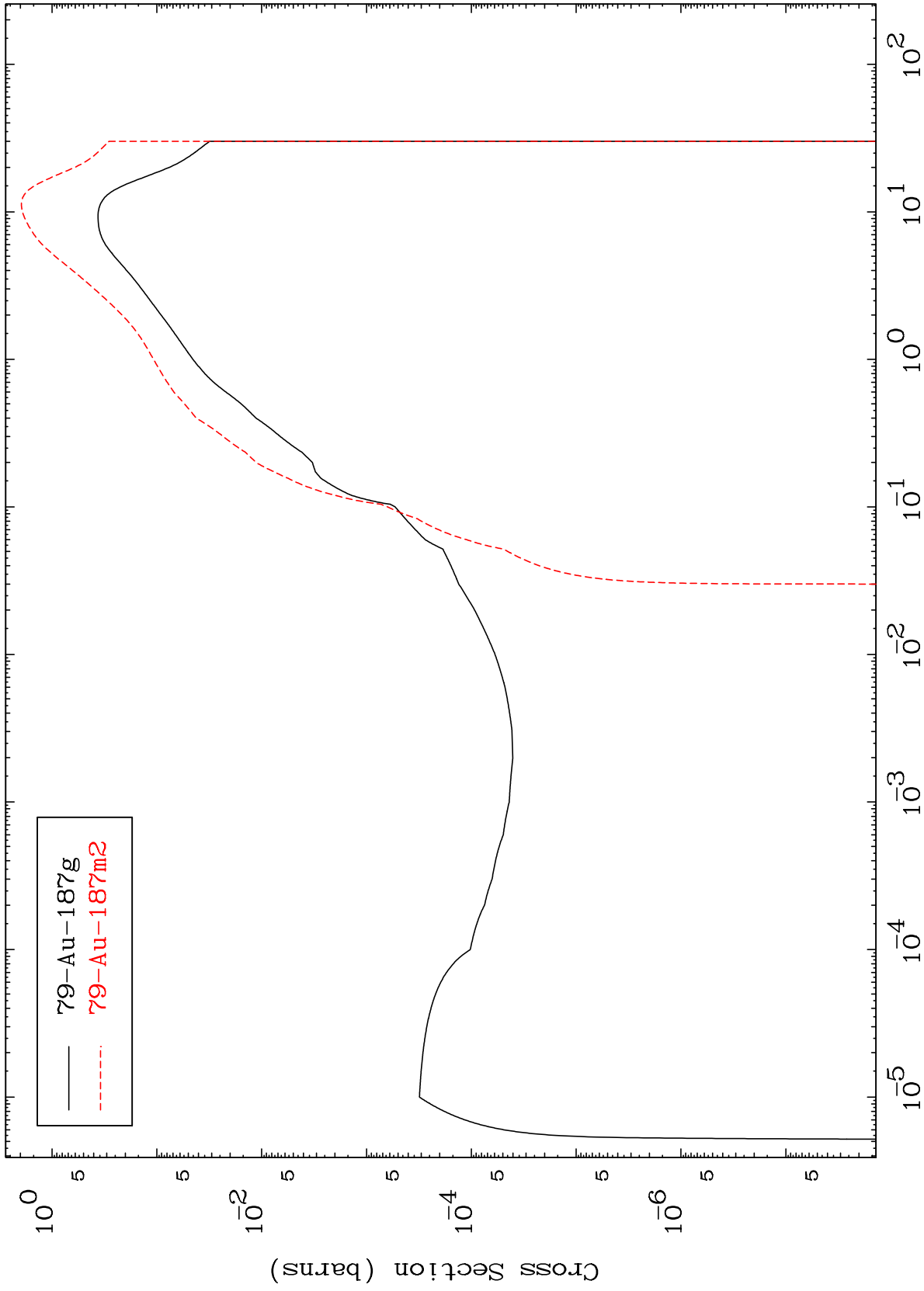
Incident Energy (MeV)

79-Au-187

MAT 7896

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-187

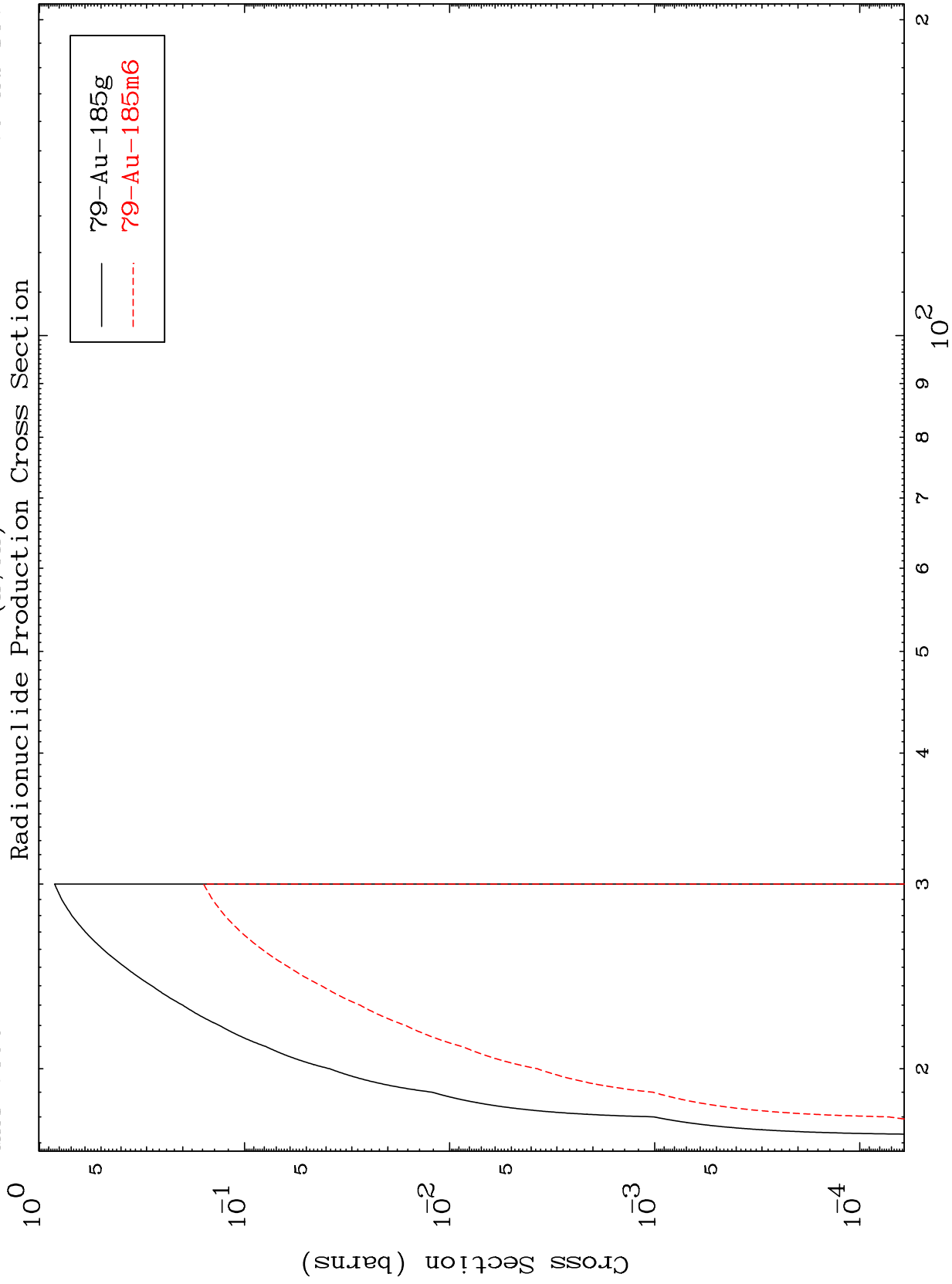


— ⁷⁹Au-187g
- - - ⁷⁹Au-187m2

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⁷⁹Au-187

(n,3n)
Radionuclide Production Cross Section



18

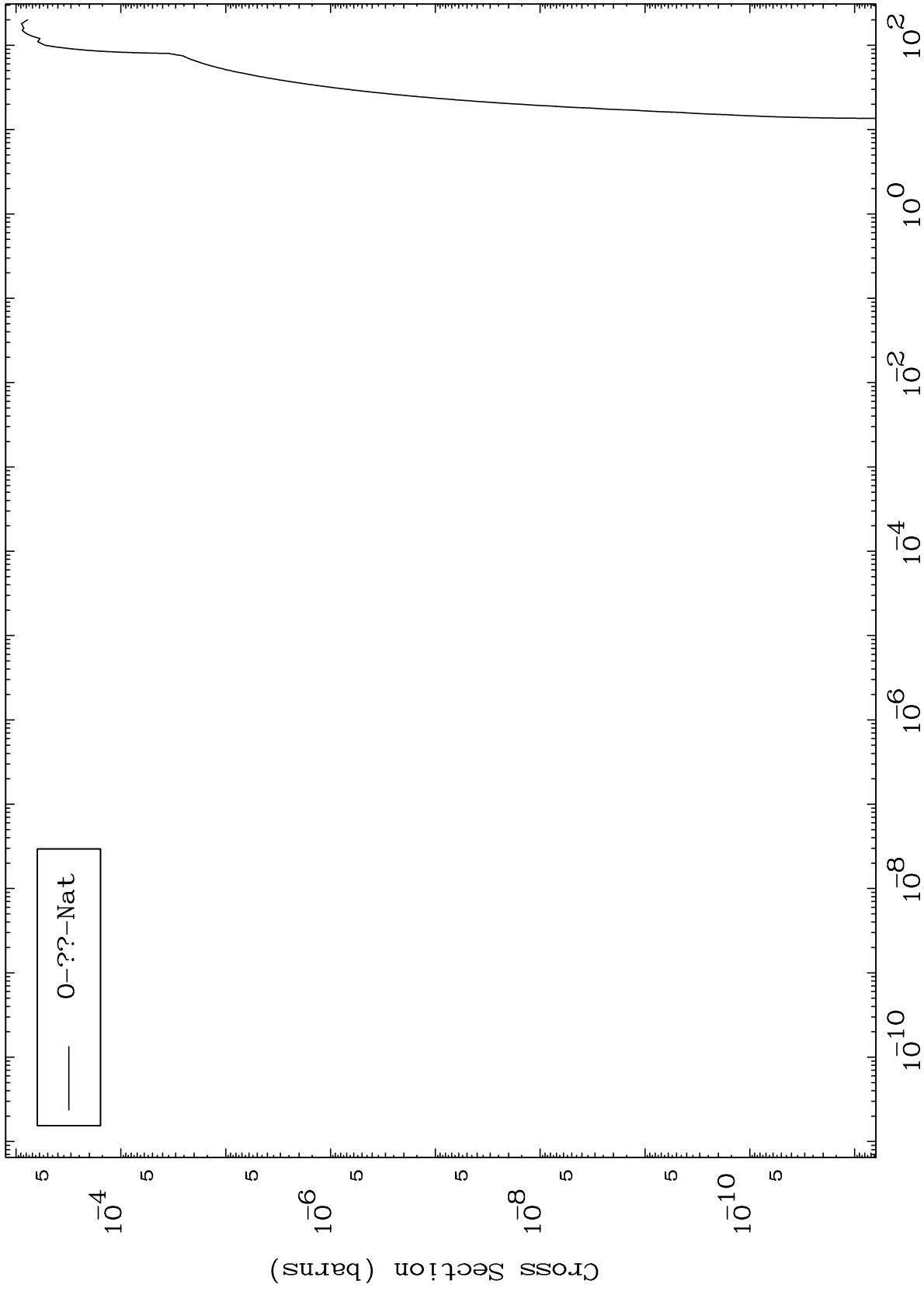
Incident Energy (MeV)

⁷⁹Au-187

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Fission
Radionuclide Production Cross Section

⁷⁹Au-187



19

Incident Energy (MeV)

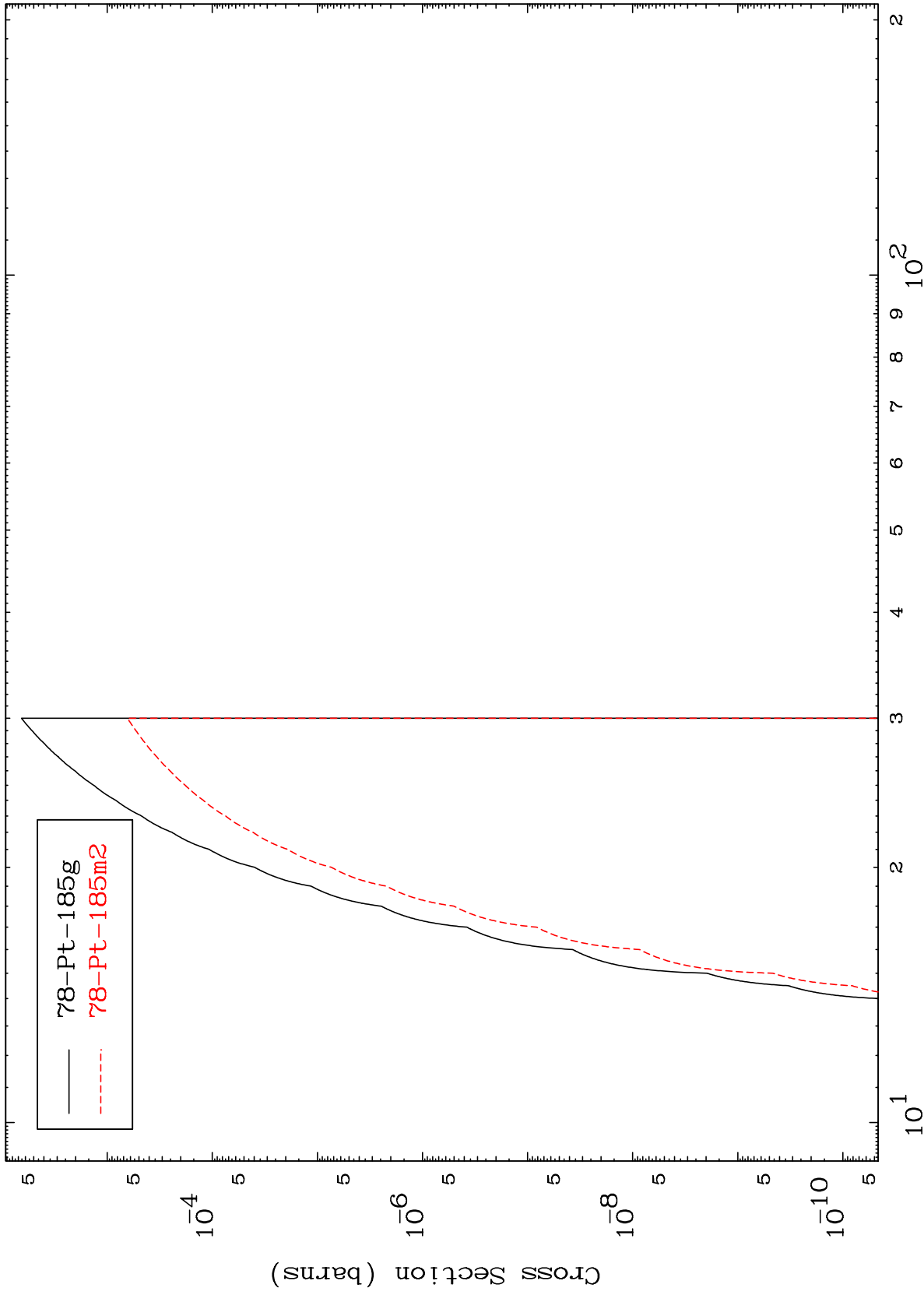
⁷⁹Au-187

MAT 7896

(n,n') d

79-Au-187

Radionuclide Production Cross Section



20

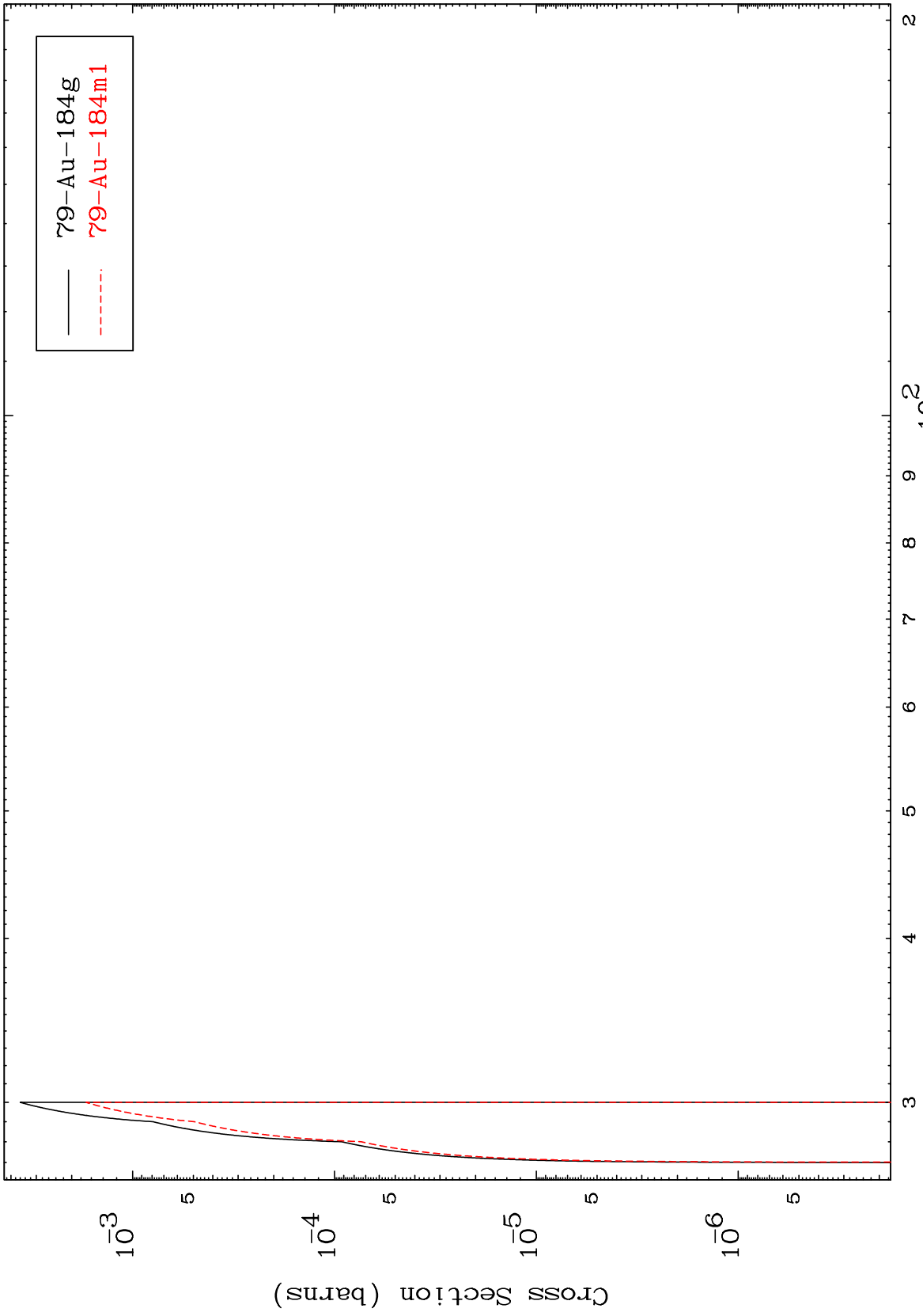
Incident Energy (MeV)

79-Au-187

MAT 7896

⁷⁹Au-187

(n,4n)
Radionuclide Production Cross Section



21

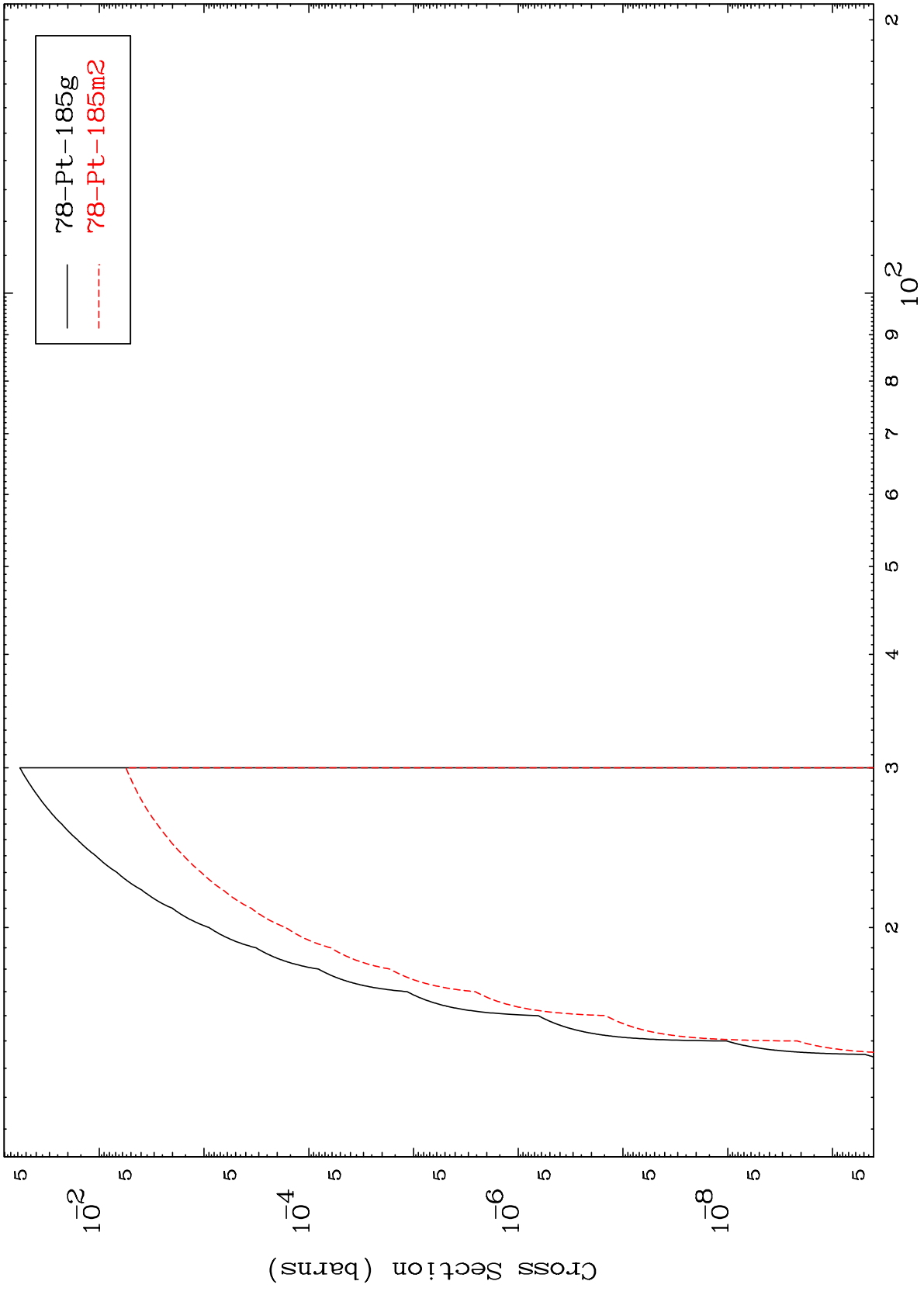
⁷⁹Au-187

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(n,2n) p

79-Au-187

Radionuclide Production Cross Section



22

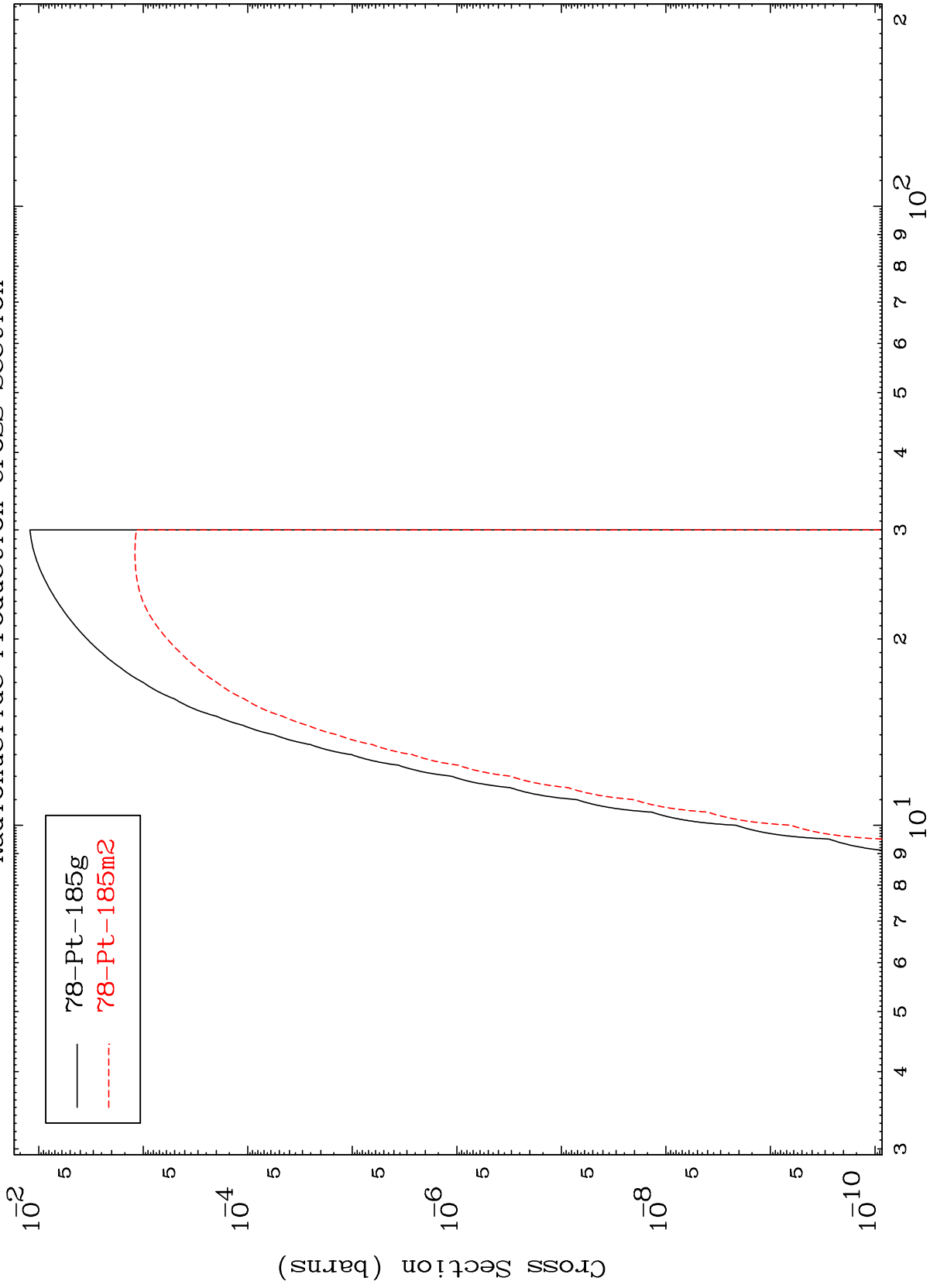
Incident Energy (MeV)

79-Au-187

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79-Au-187

(n, t)
Radionuclide Production Cross Section



23

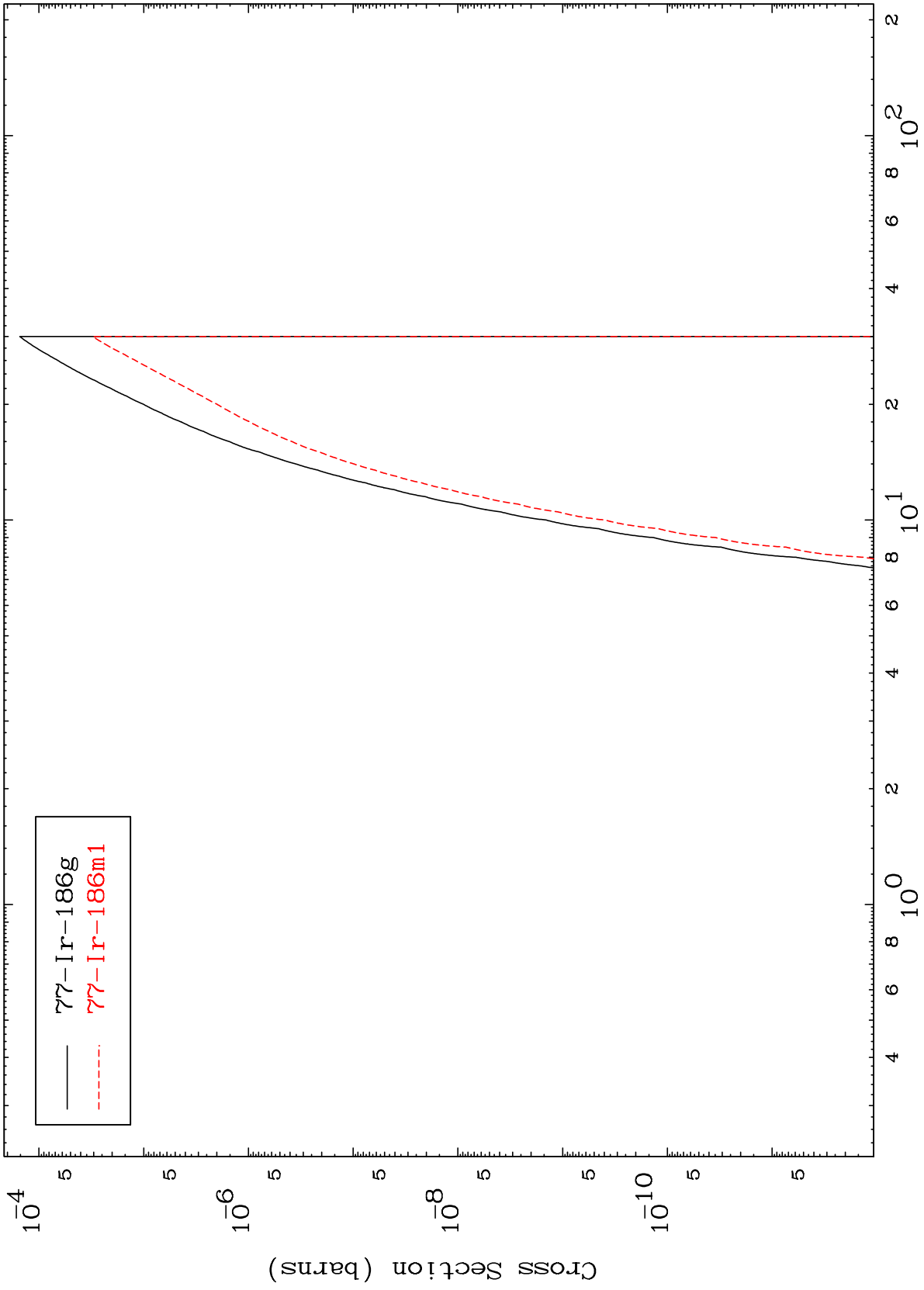
79-Au-187

MAT 7896

(n,2p)

⁷⁹Au-187

Radionuclide Production Cross Section



24

Incident Energy (MeV)

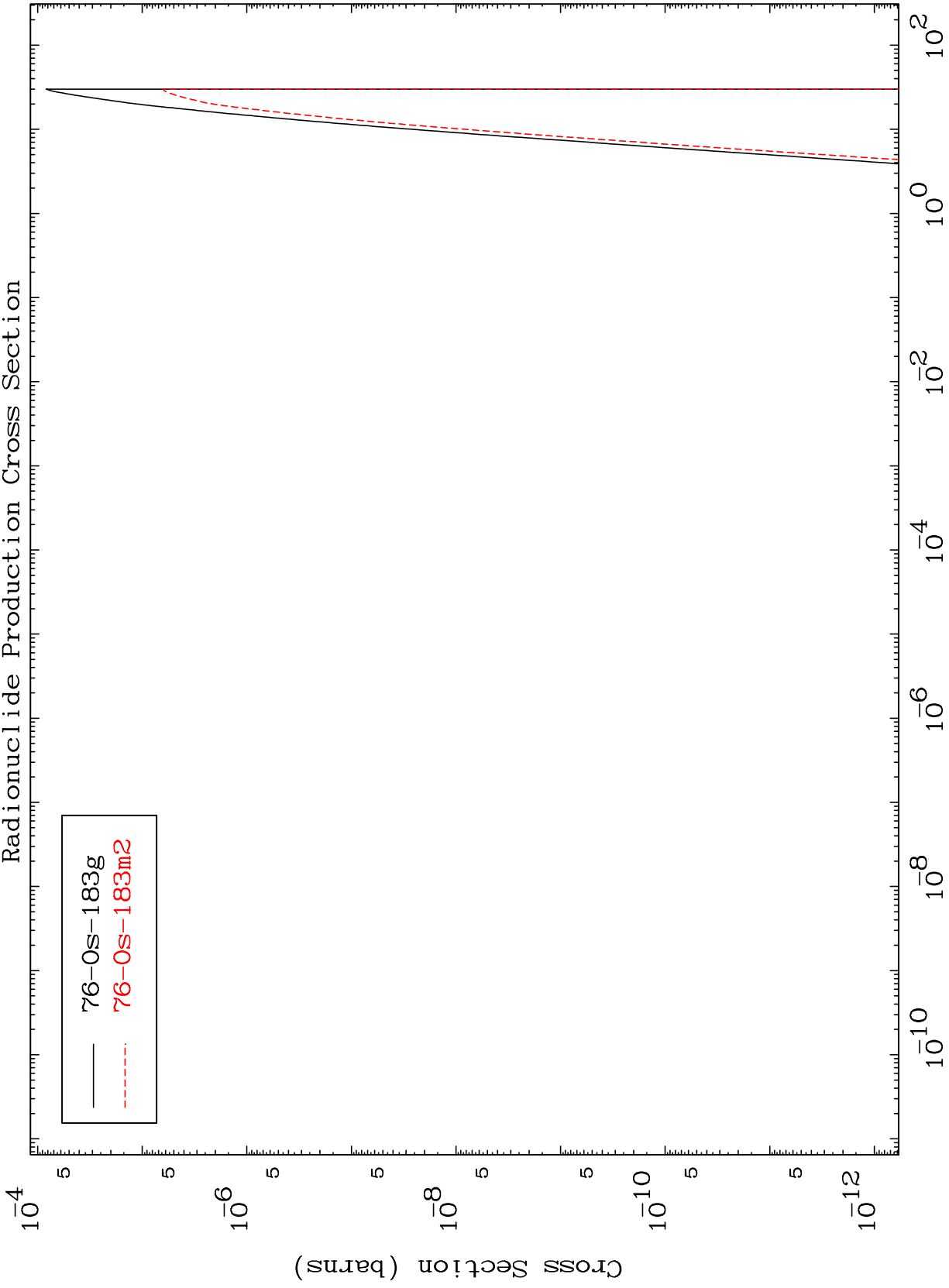
⁷⁹Au-187

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(n,p) α

⁷⁹Au-187

Radionuclide Production Cross Section



25

Incident Energy (MeV)

⁷⁹Au-187