

Program EVALPLOT
(Version 2021-1)

by

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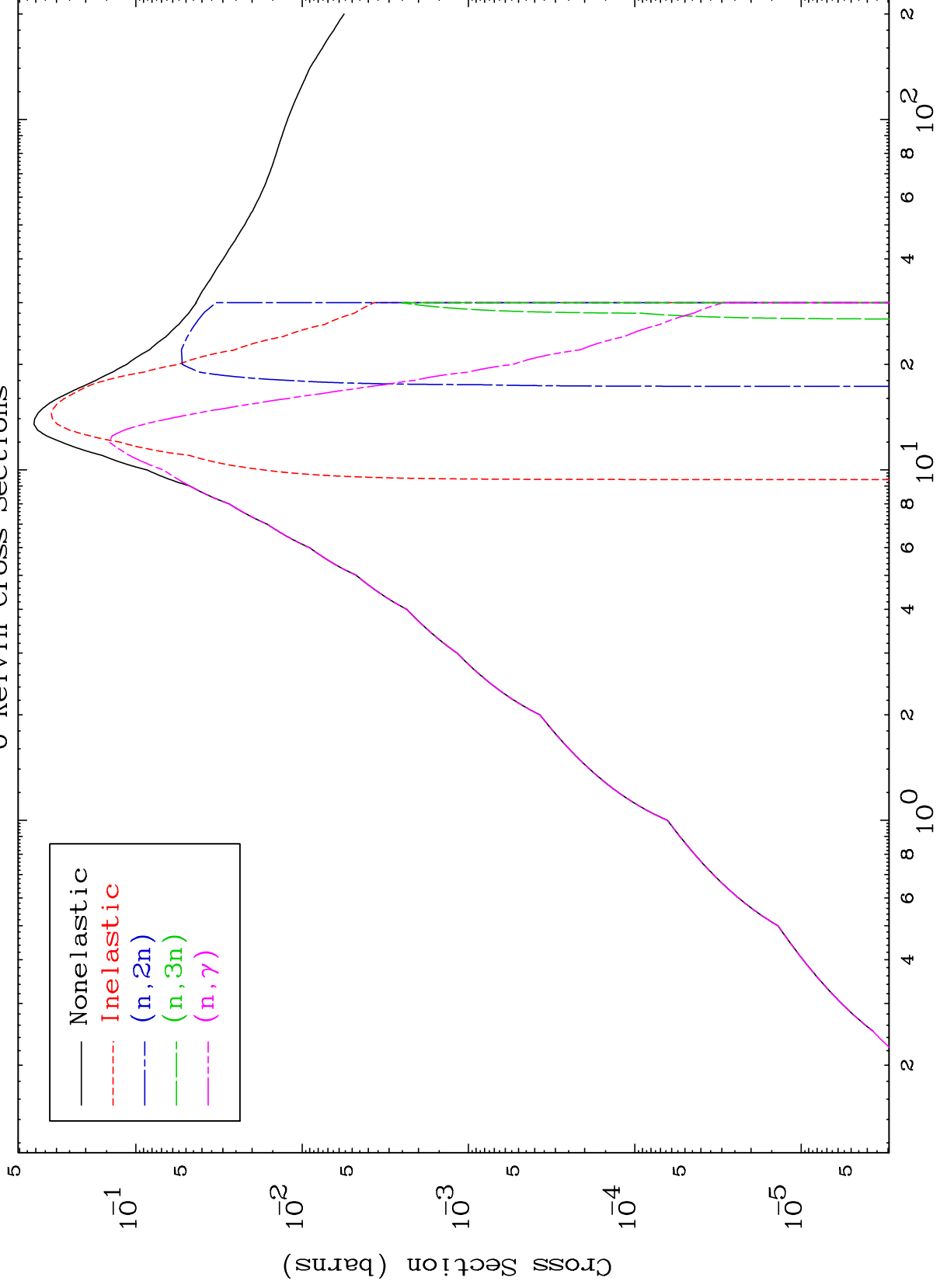
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7895

0 Kelvin Major
Photon Cross Sections

79-Au-187



1

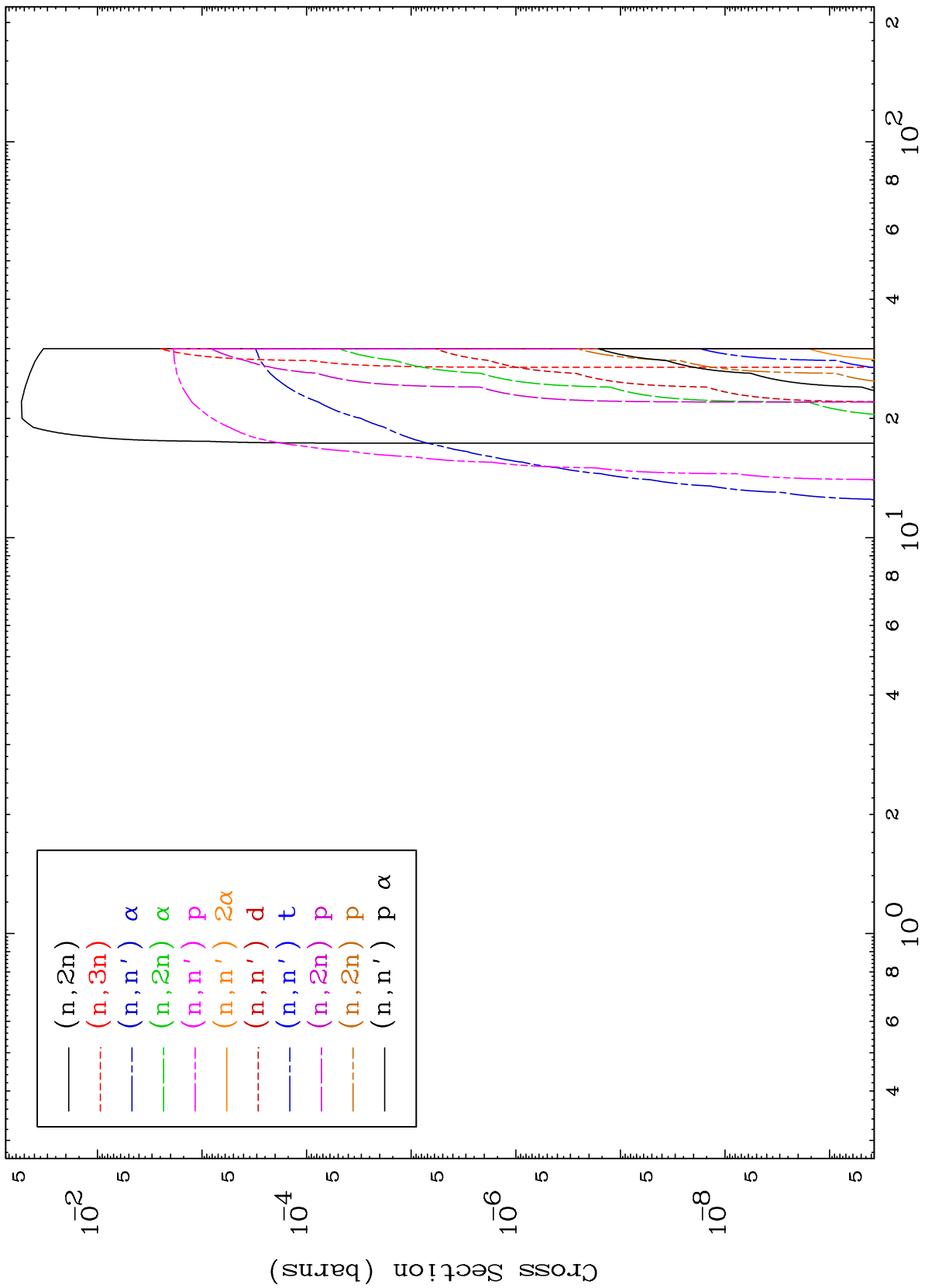
Incident Energy (MeV)

79-Au-187

MAT 7895

Photon Neutron Absorption
0 Kelvin Cross Sections

79-Au-187



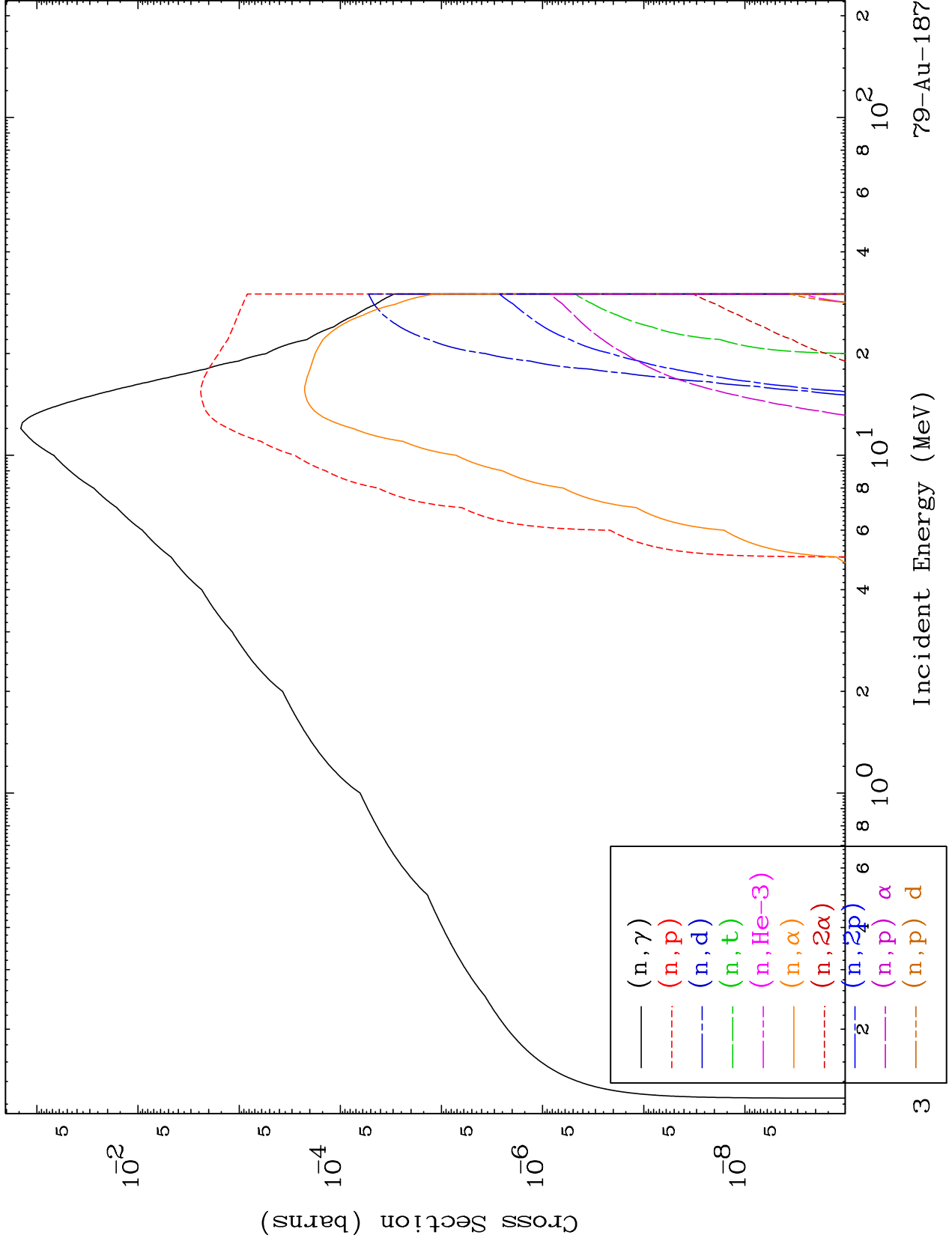
79-Au-187

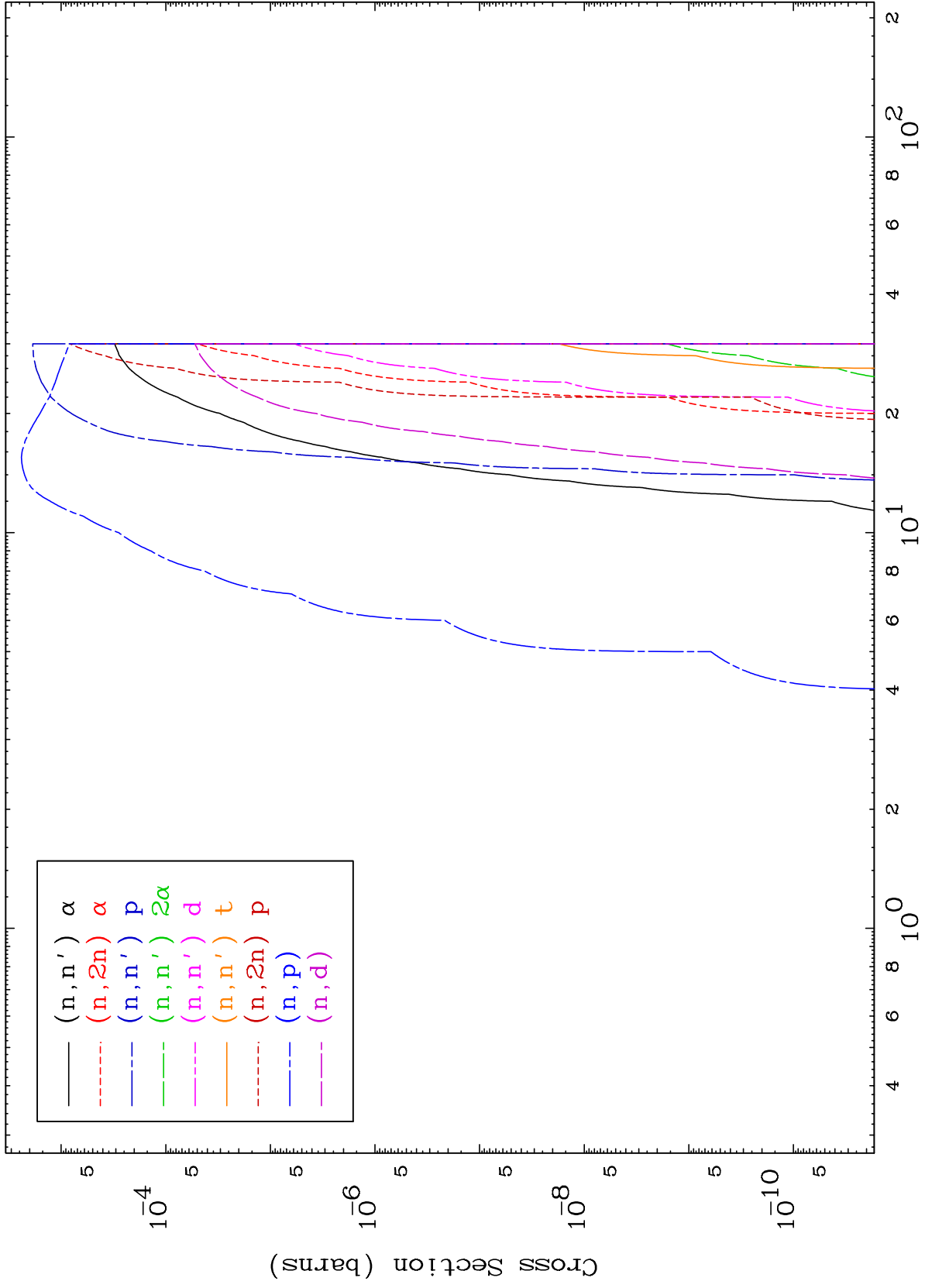
Incident Energy (MeV)

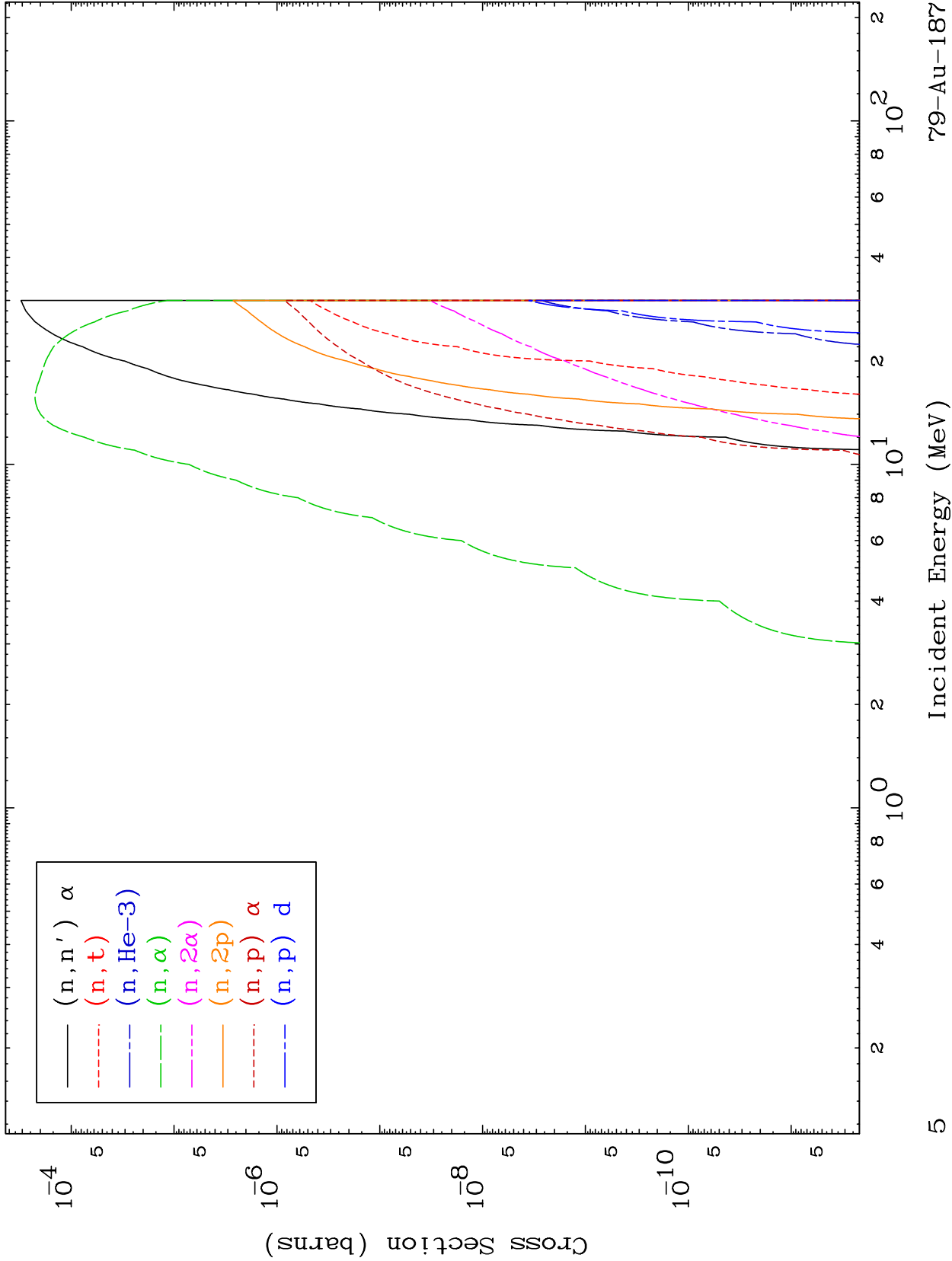
MAT 7895

Photon Neutron Absorption
0 Kelvin Cross Sections

79-Au-187





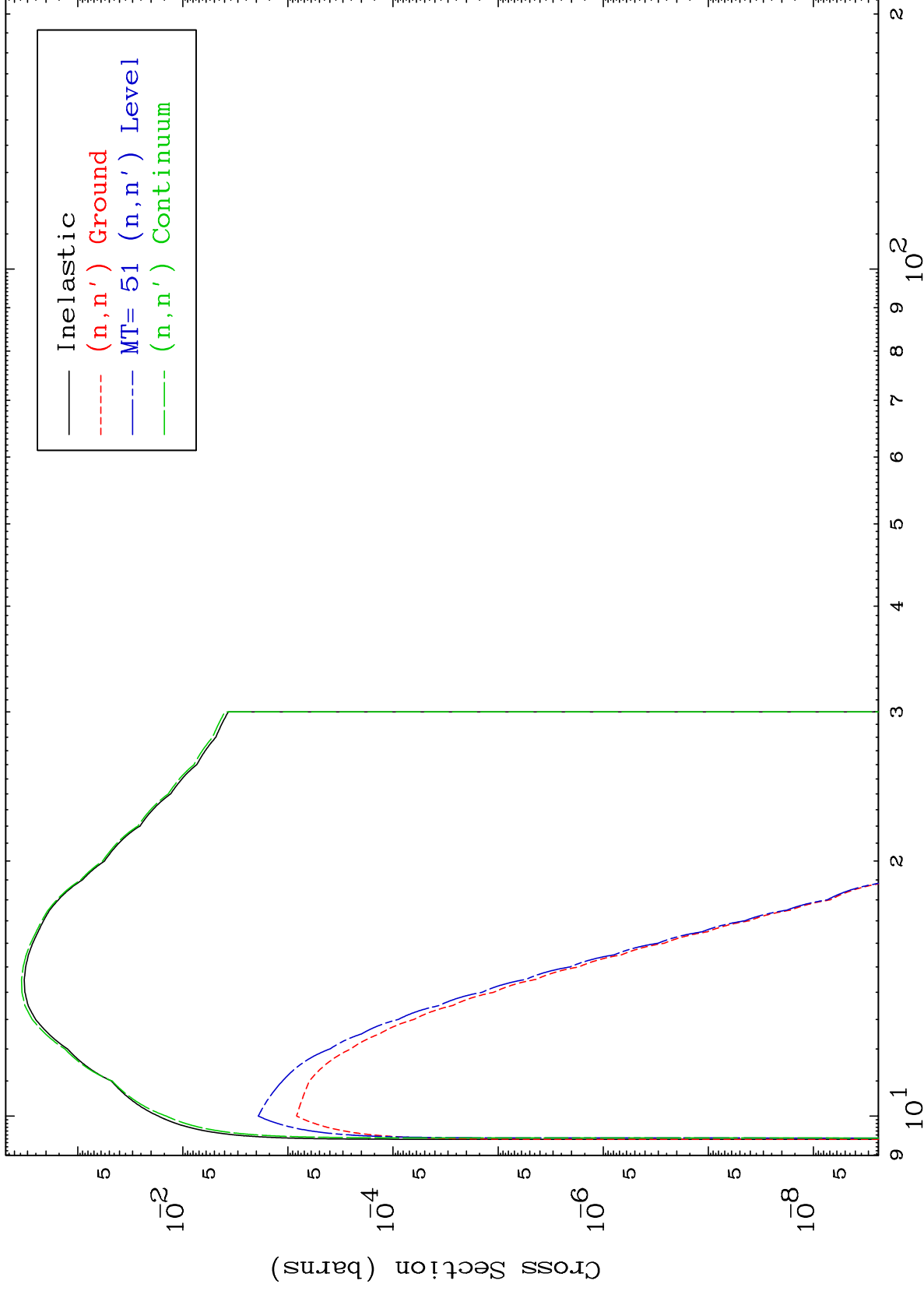


MAT 7895

(γ, n') Levels

79-Au-187

0 Kelvin Cross Sections



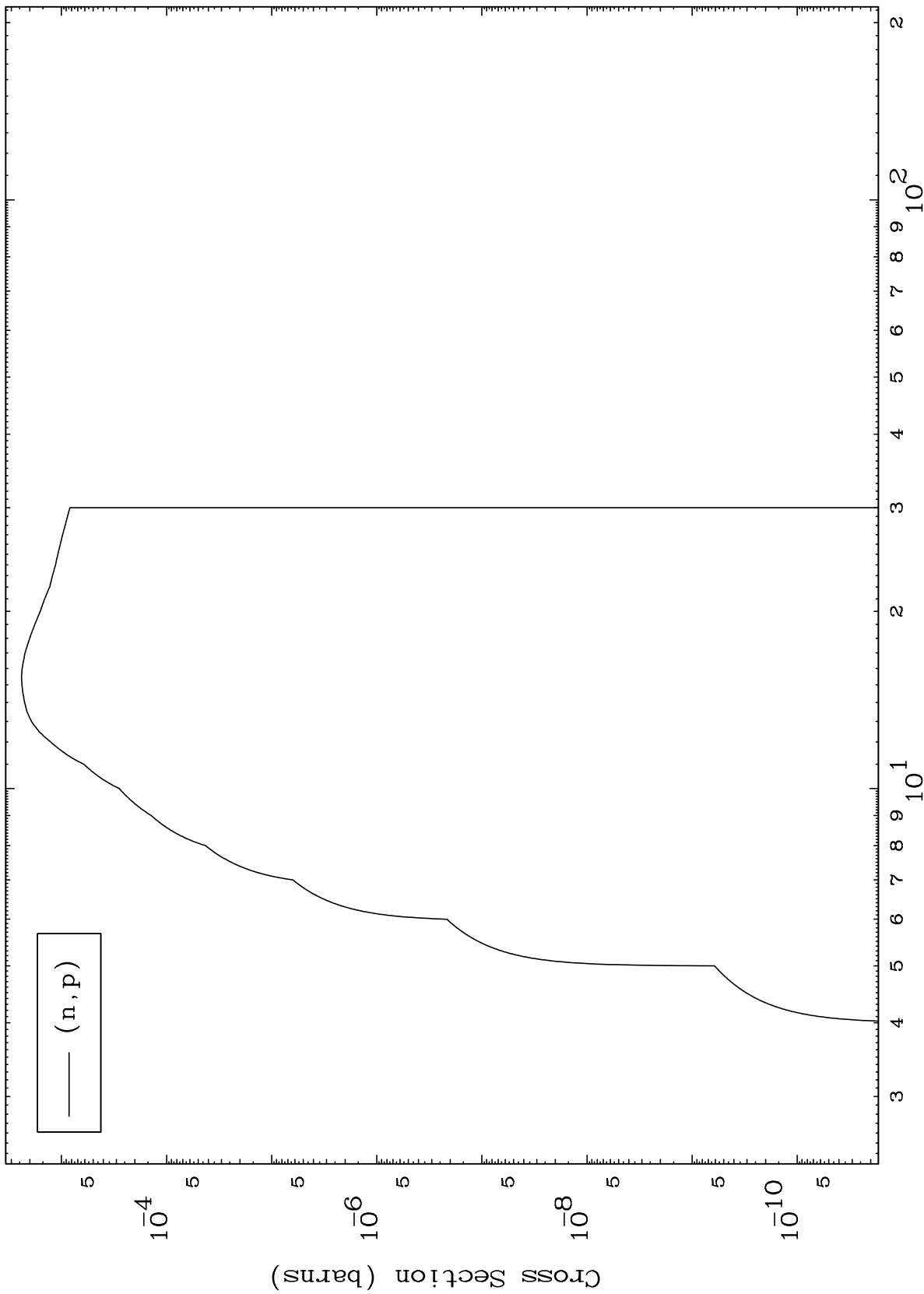
Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187

(γ, p) Levels
0 Kelvin Cross Sections



7

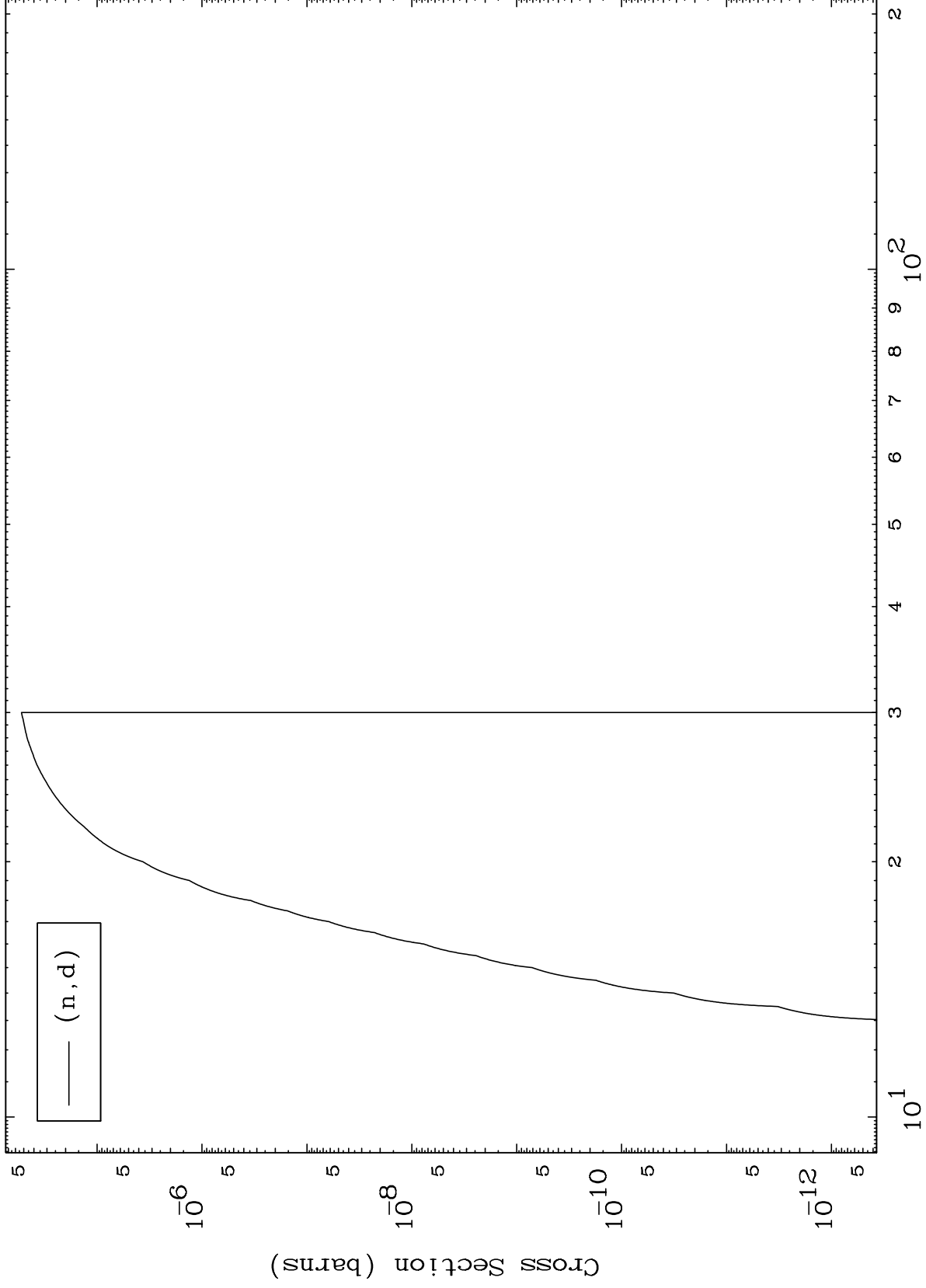
Incident Energy (MeV)

79-Au-187

MAT 7895

(γ, d) Levels
0 Kelvin Cross Sections

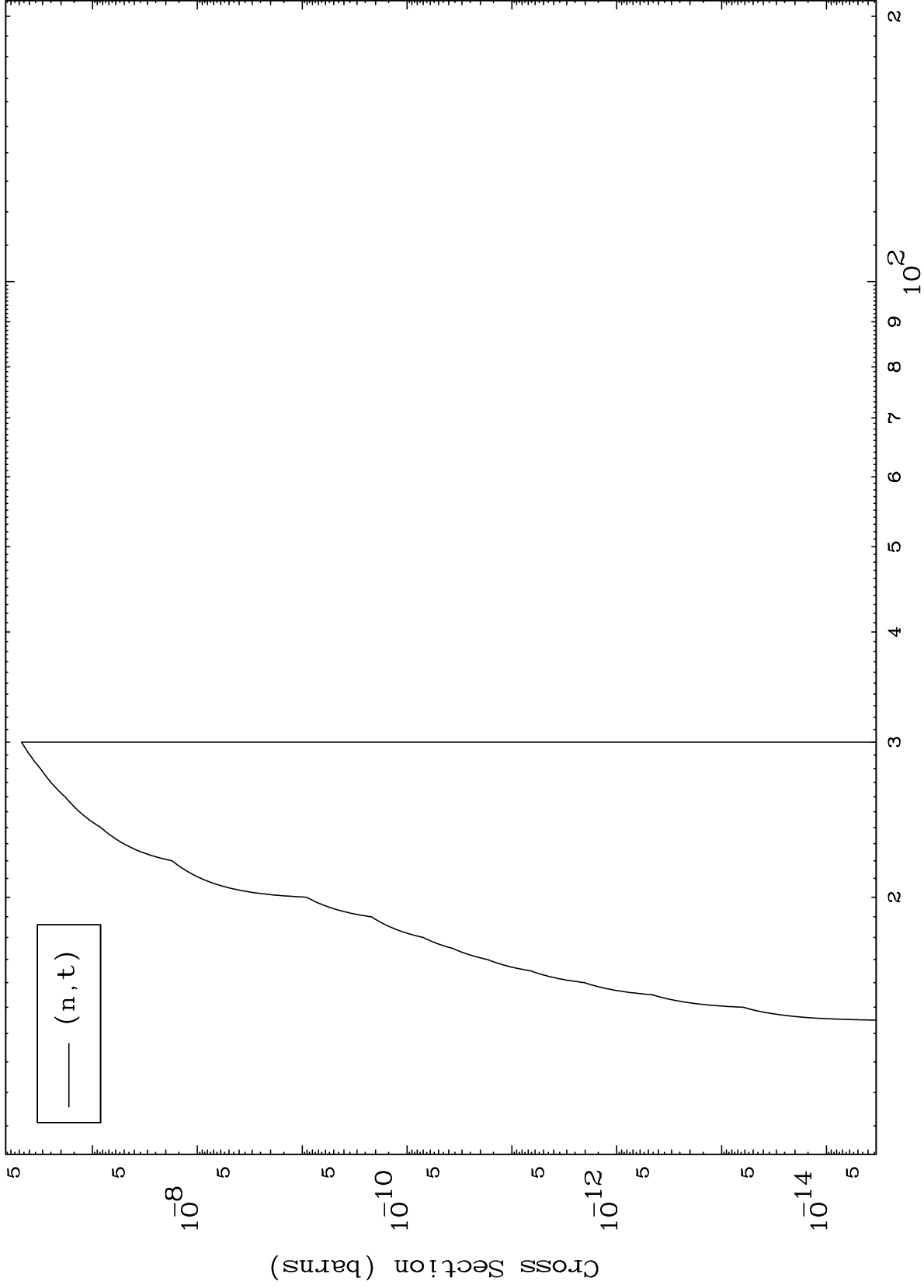
79-Au-187



79-Au-187

Incident Energy (MeV)

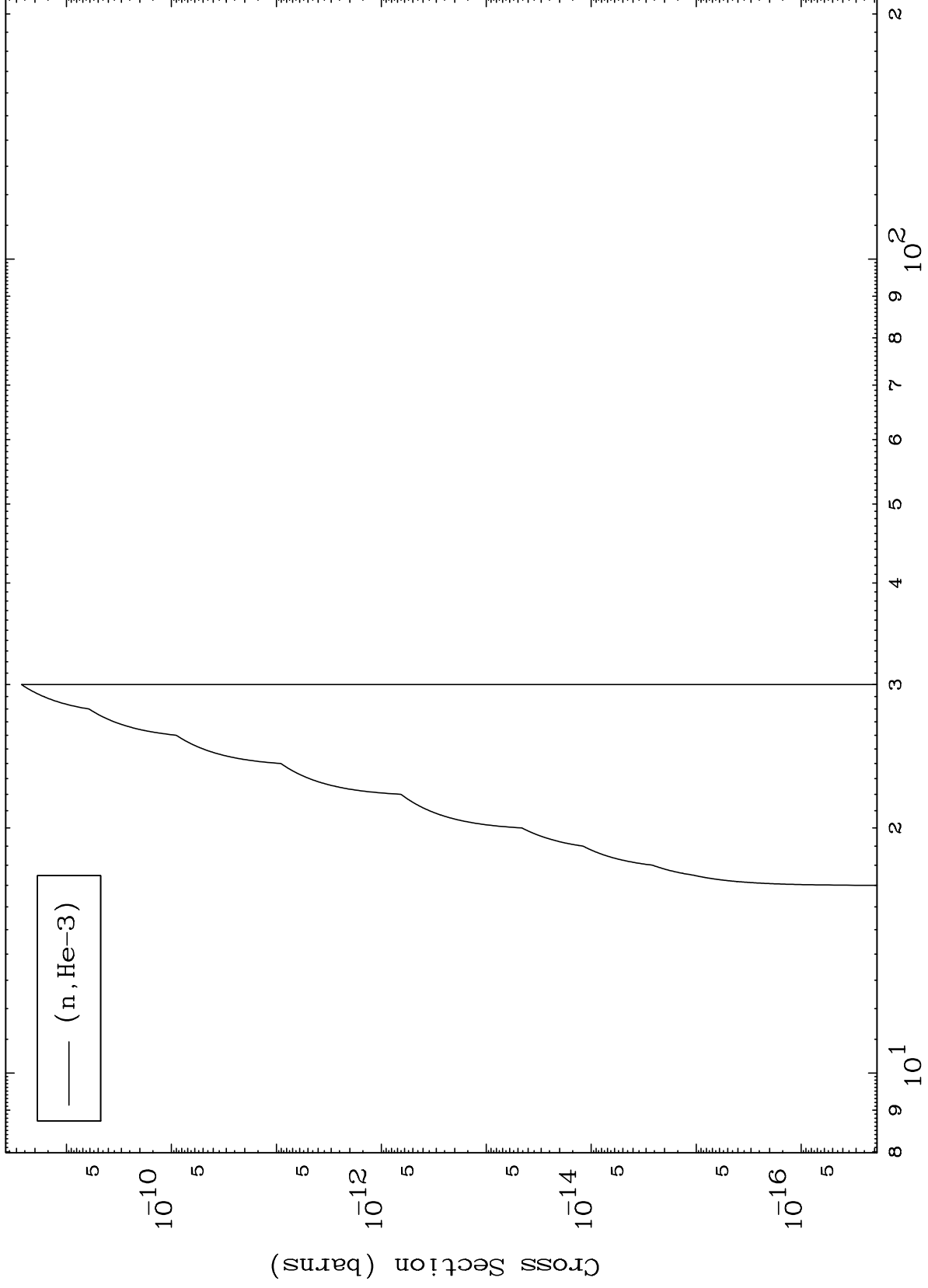
8



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($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

79-Au-187



(n, He-3)

10

Incident Energy (MeV)

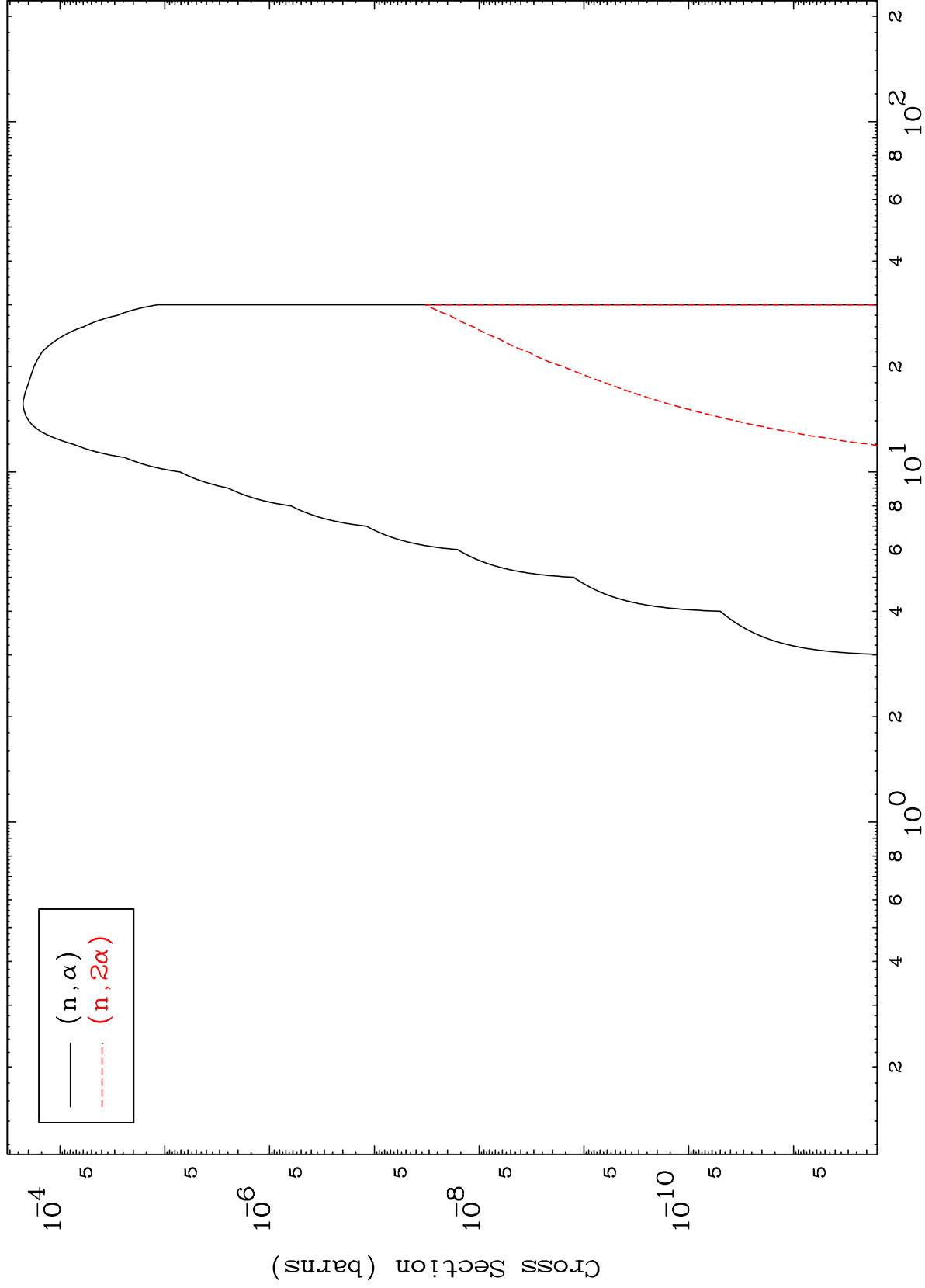
79-Au-187

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(γ, α) Levels

79-Au-187

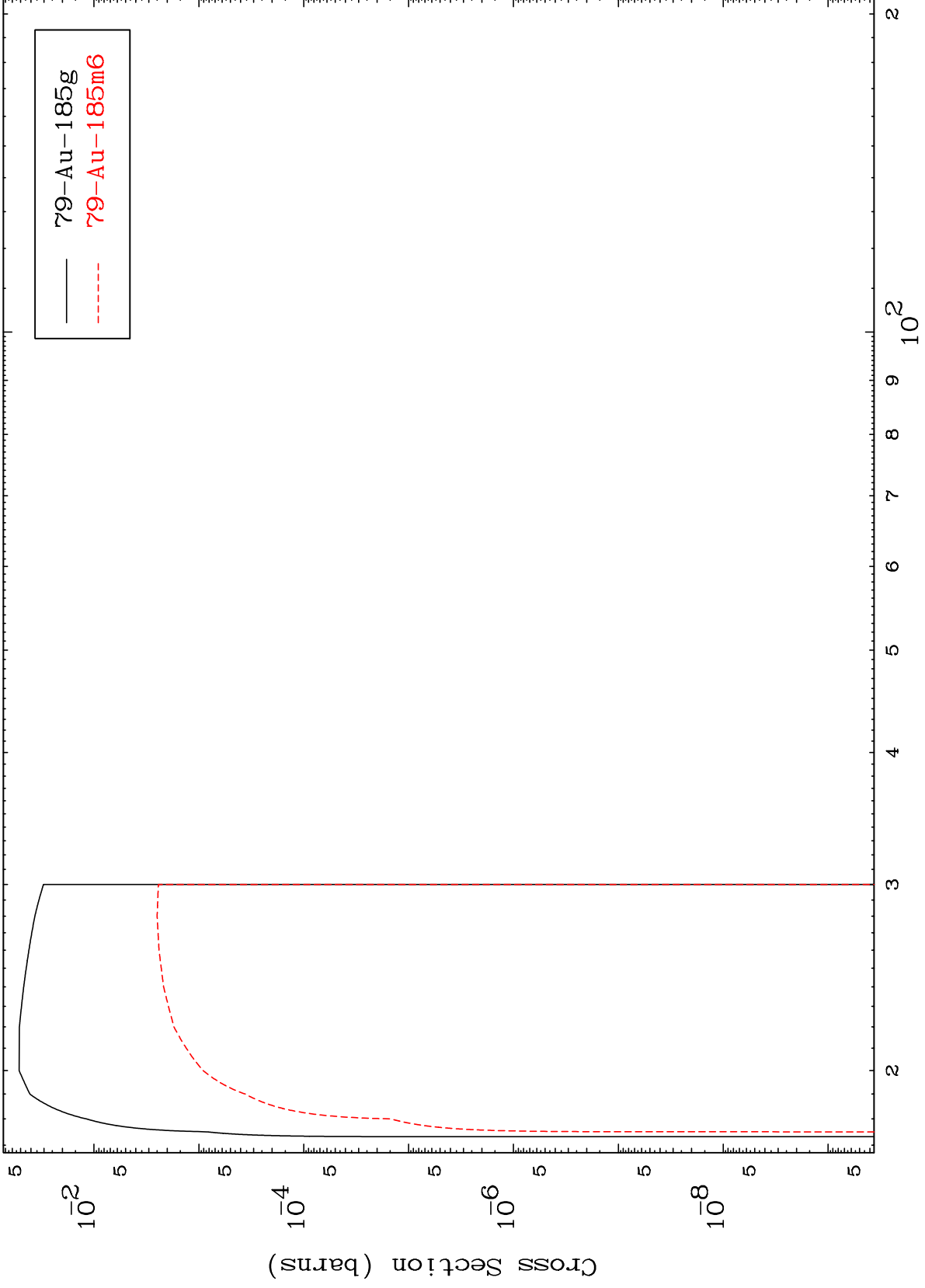
0 Kelvin Cross Sections



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79-Au-187

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

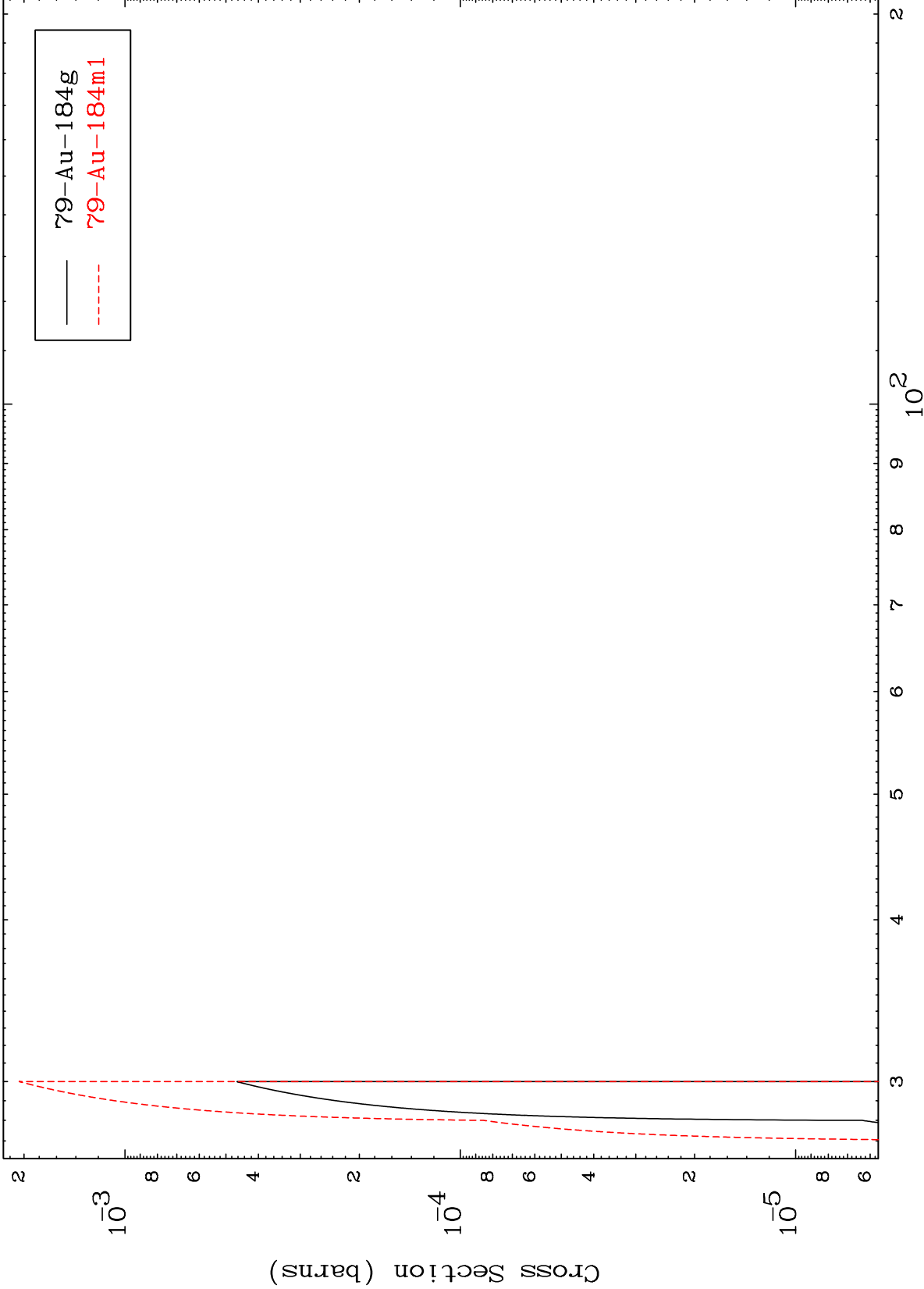
79-Au-187

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(n,3n)

⁷⁹Au-187

Radionuclide Production Cross Section



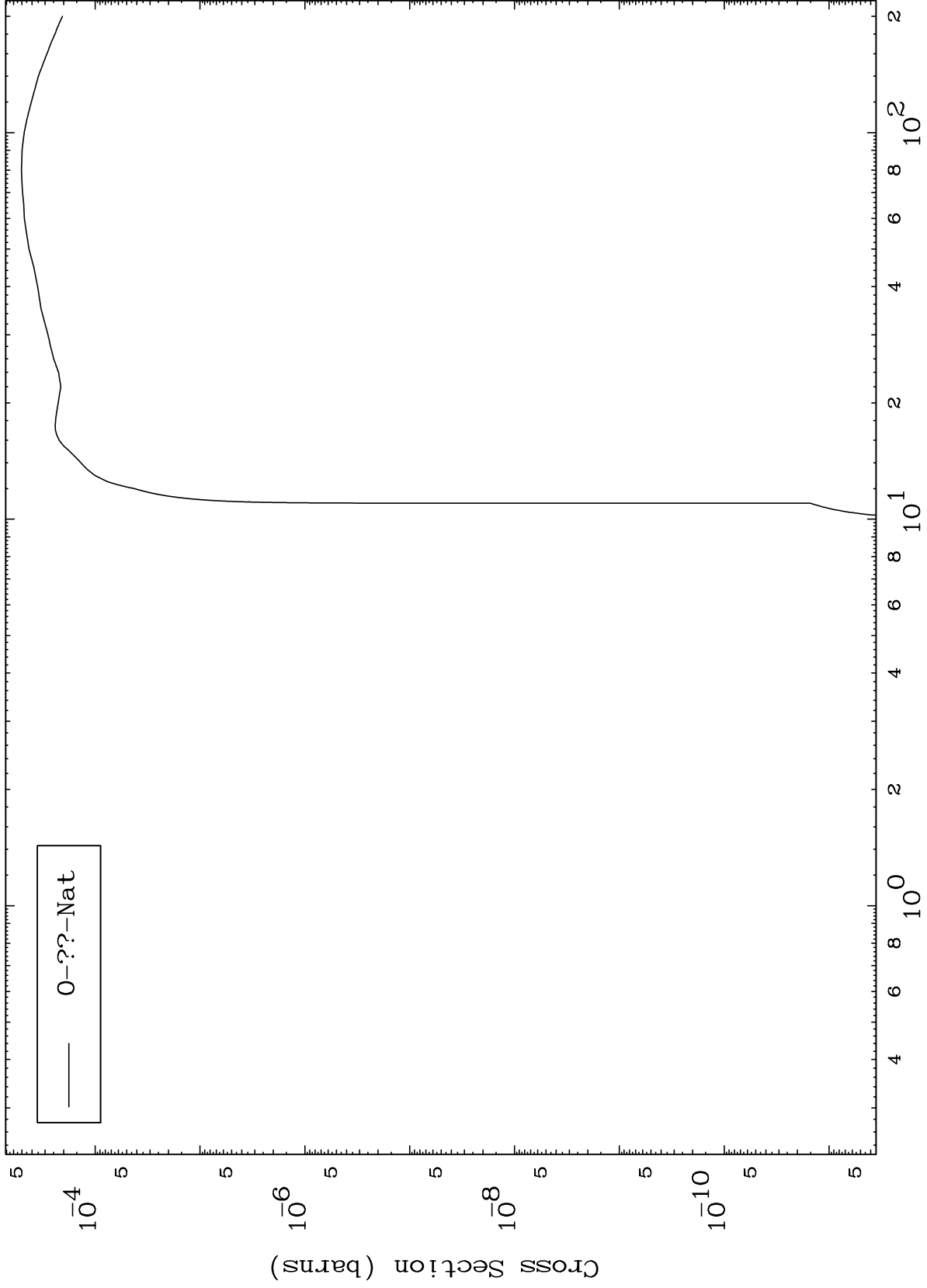
— ⁷⁹Au-184g
- - - ⁷⁹Au-184m1

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Fission

⁷⁹Au-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

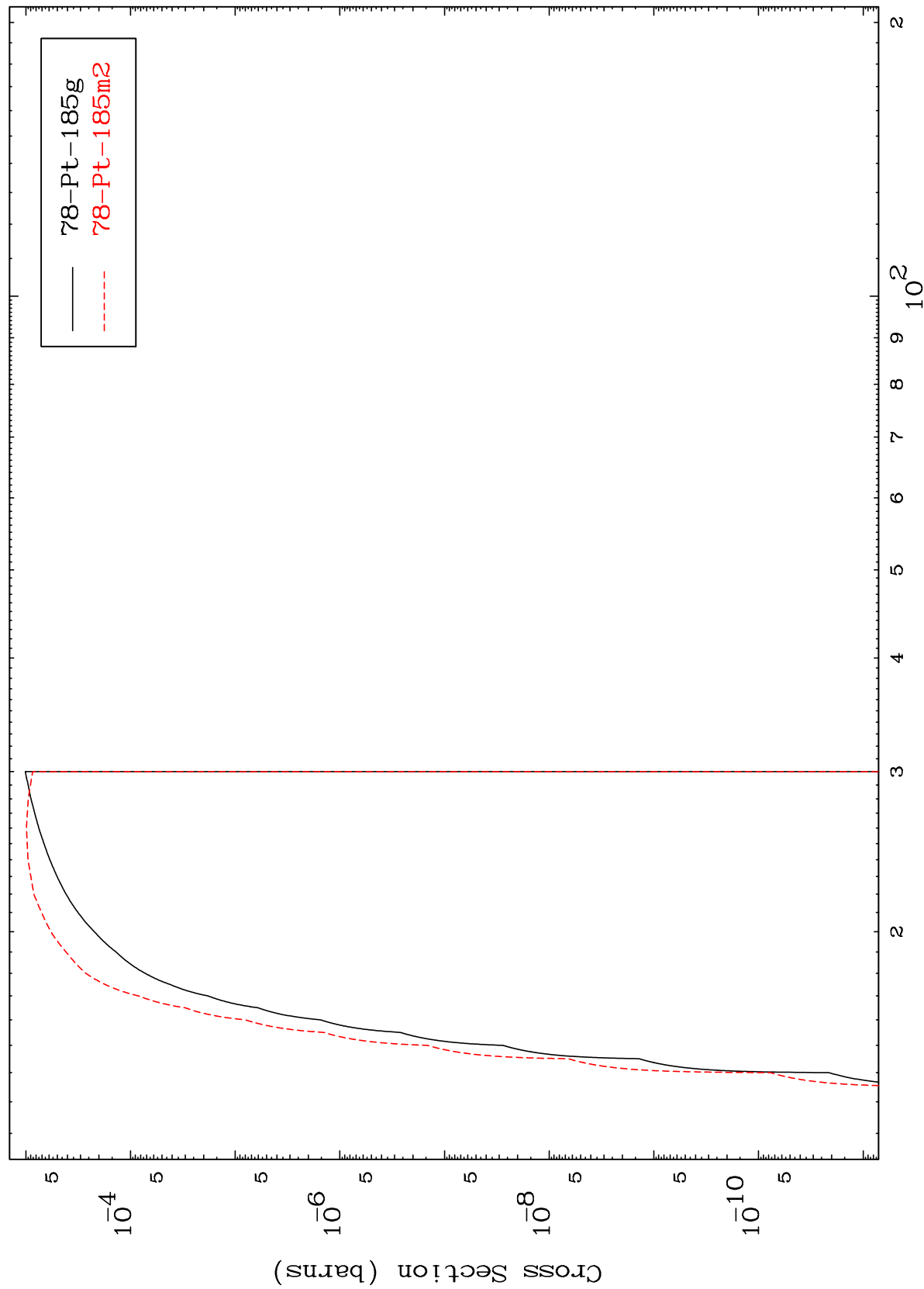
⁷⁹Au-187

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(n,n') p

79-Au-187

Radionuclide Production Cross Section



15

Incident Energy (MeV)

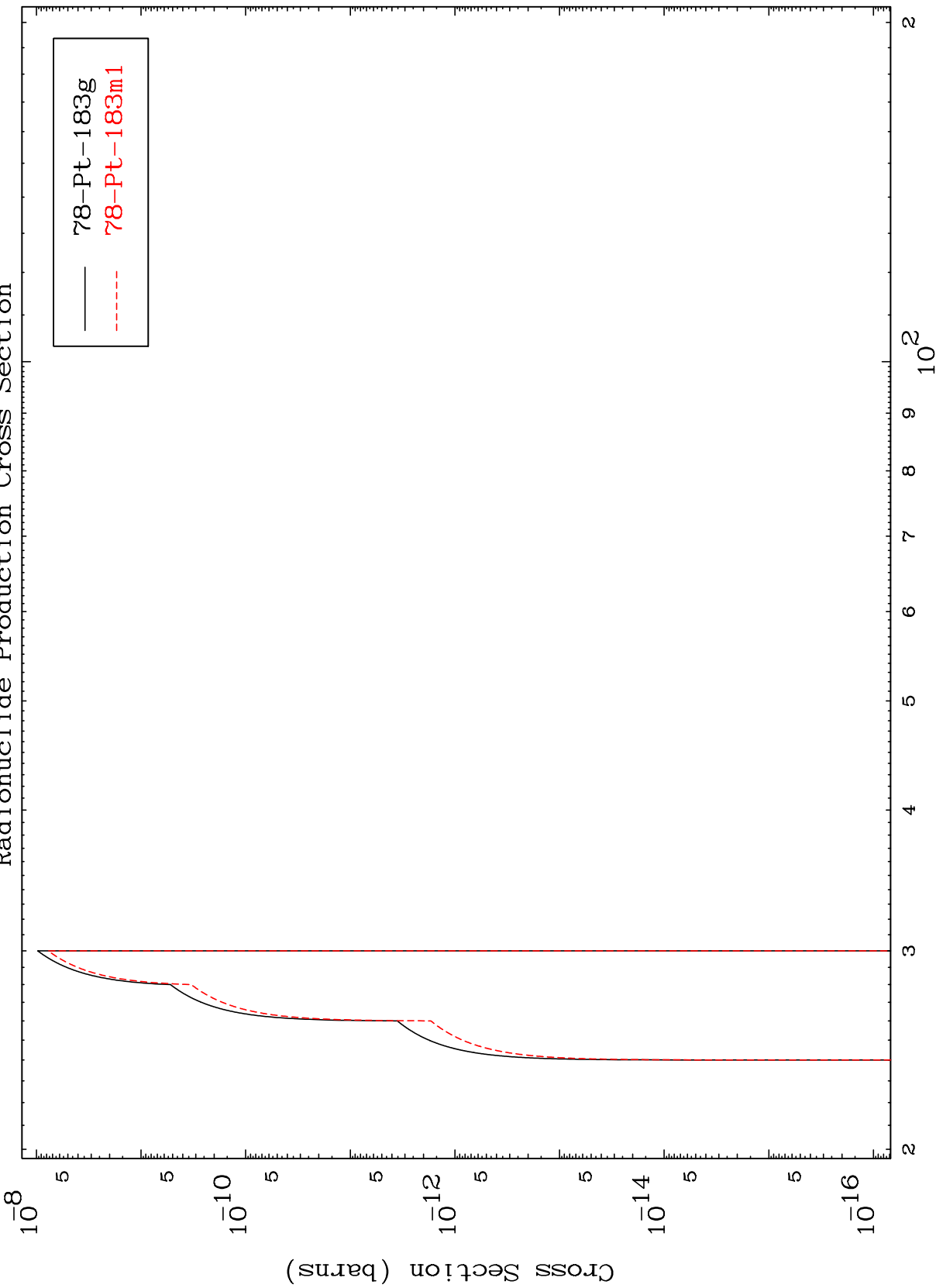
79-Au-187

MAT 7895

(n,n') t

79-Au-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

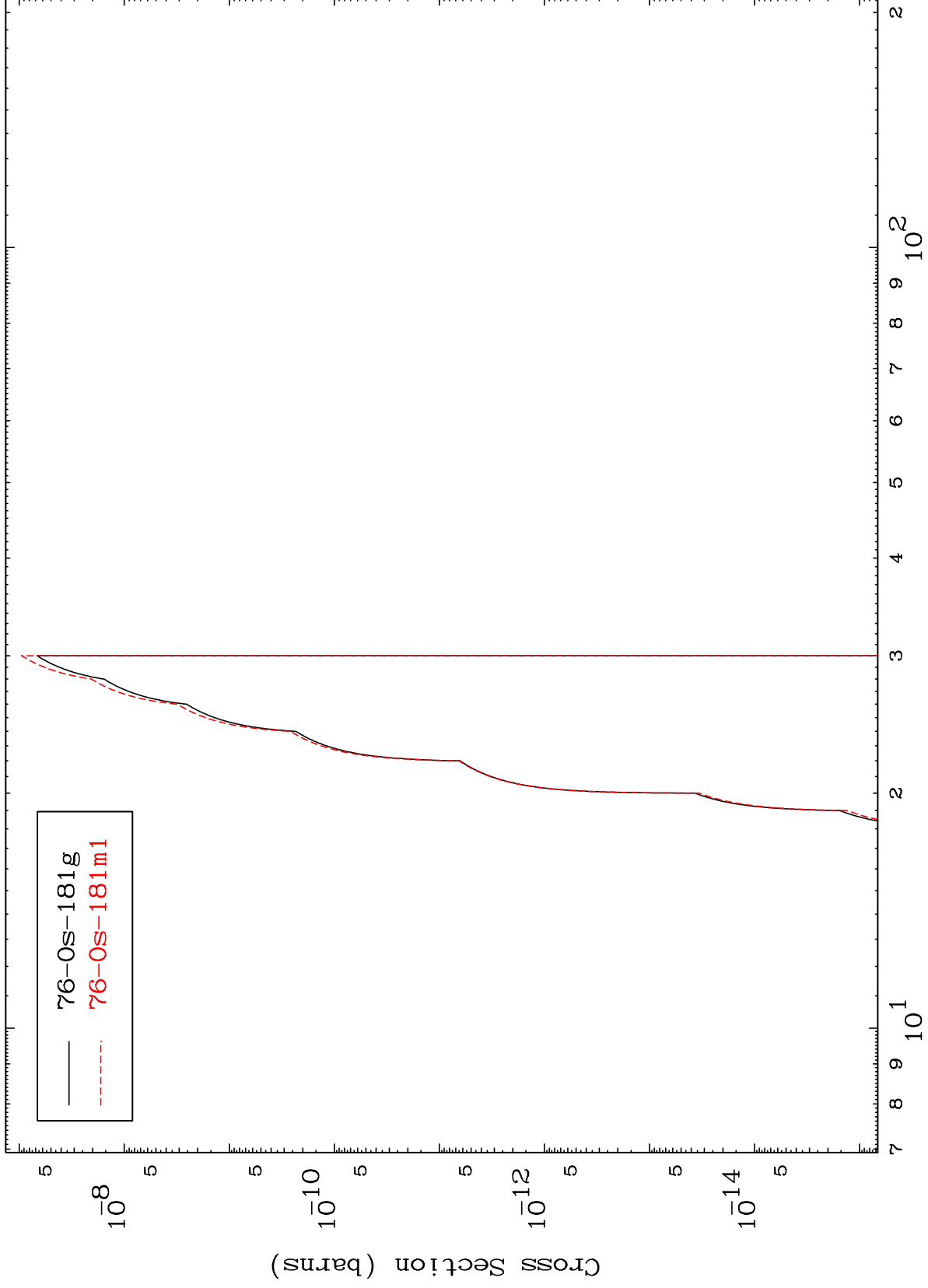
79-Au-187

MAT 7895

(n,n') p α

79-Au-187

Radionuclide Production Cross Section



17

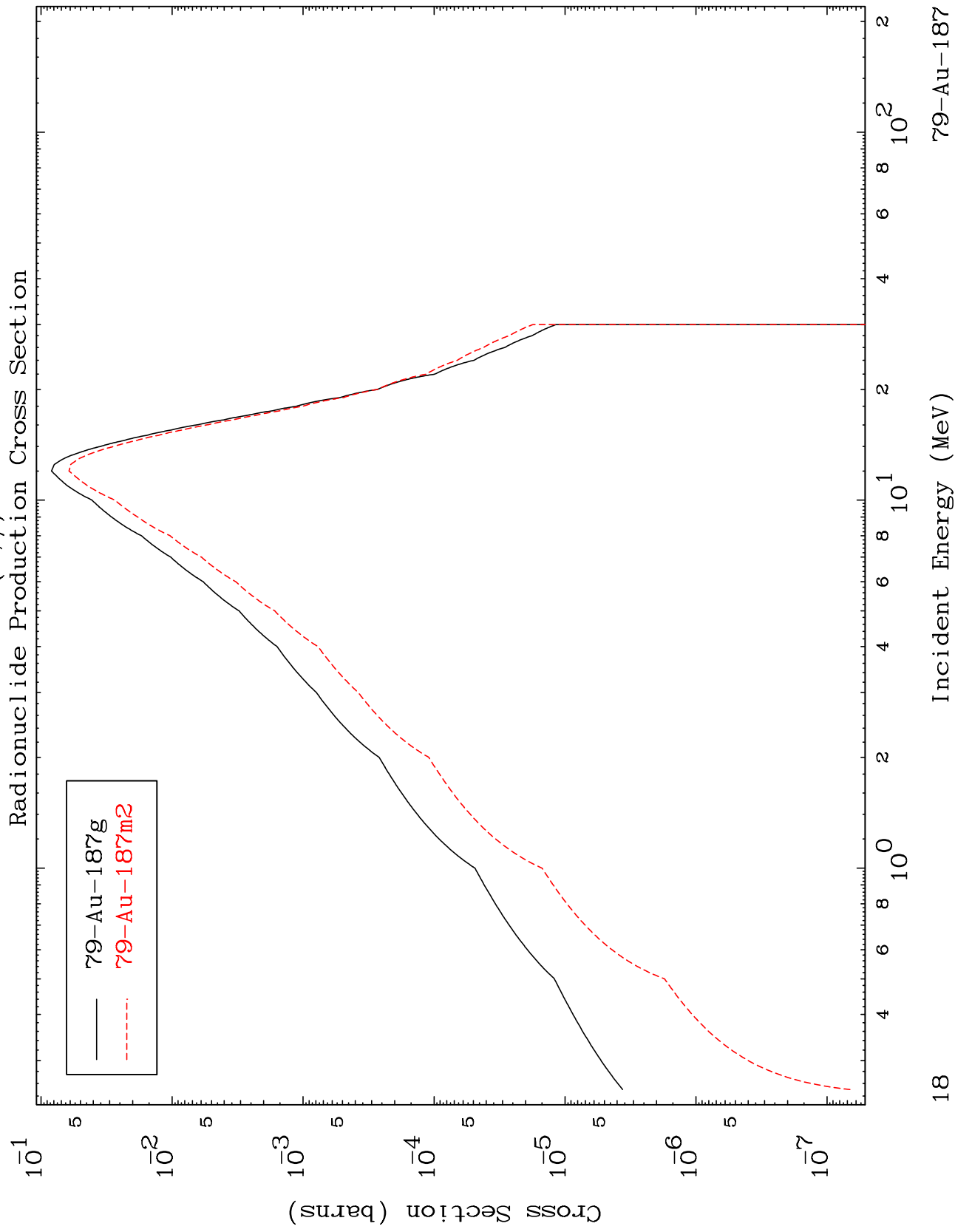
Incident Energy (MeV)

79-Au-187

MAT 7895

⁷⁹Au-187

(n,γ)
Radionuclide Production Cross Section



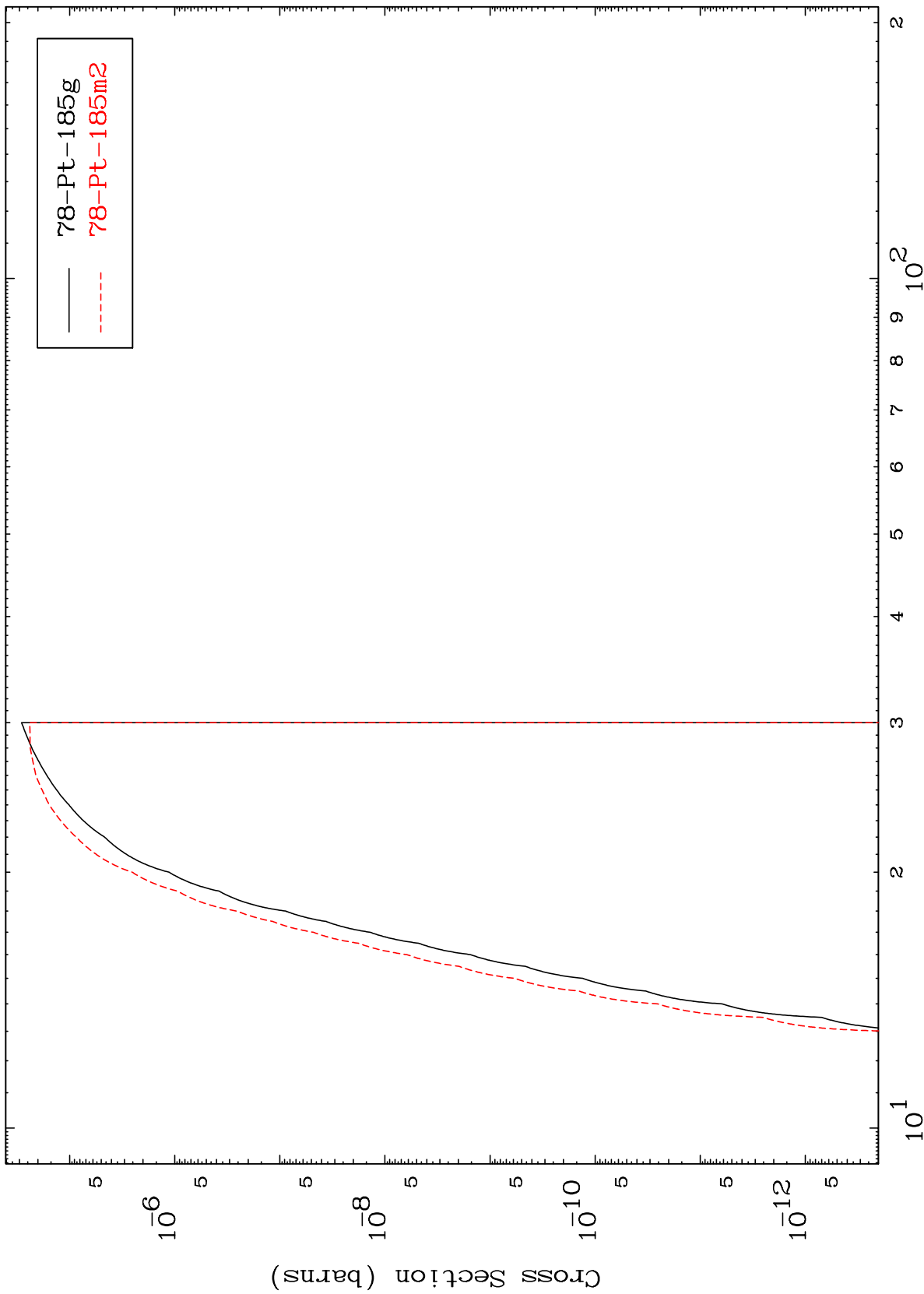
18

⁷⁹Au-187

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79-Au-187

(n,d)
Radionuclide Production Cross Section



79-Au-187

Incident Energy (MeV)

19