

Program EVALPLOT
(Version 2018-1)

by

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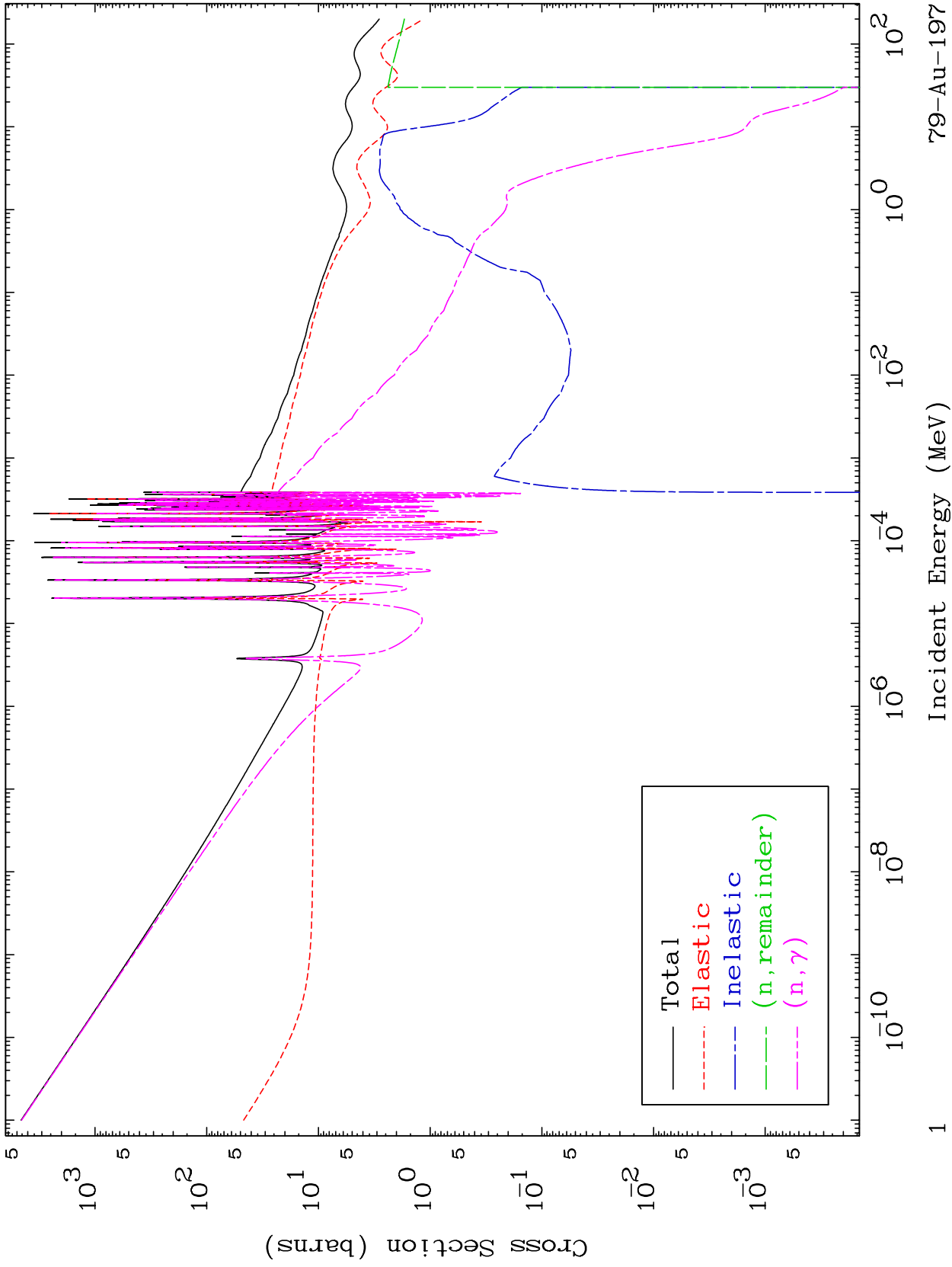
Press Mouse Button to Start

MAT 7926

Major

293 Kelvin Cross Sections

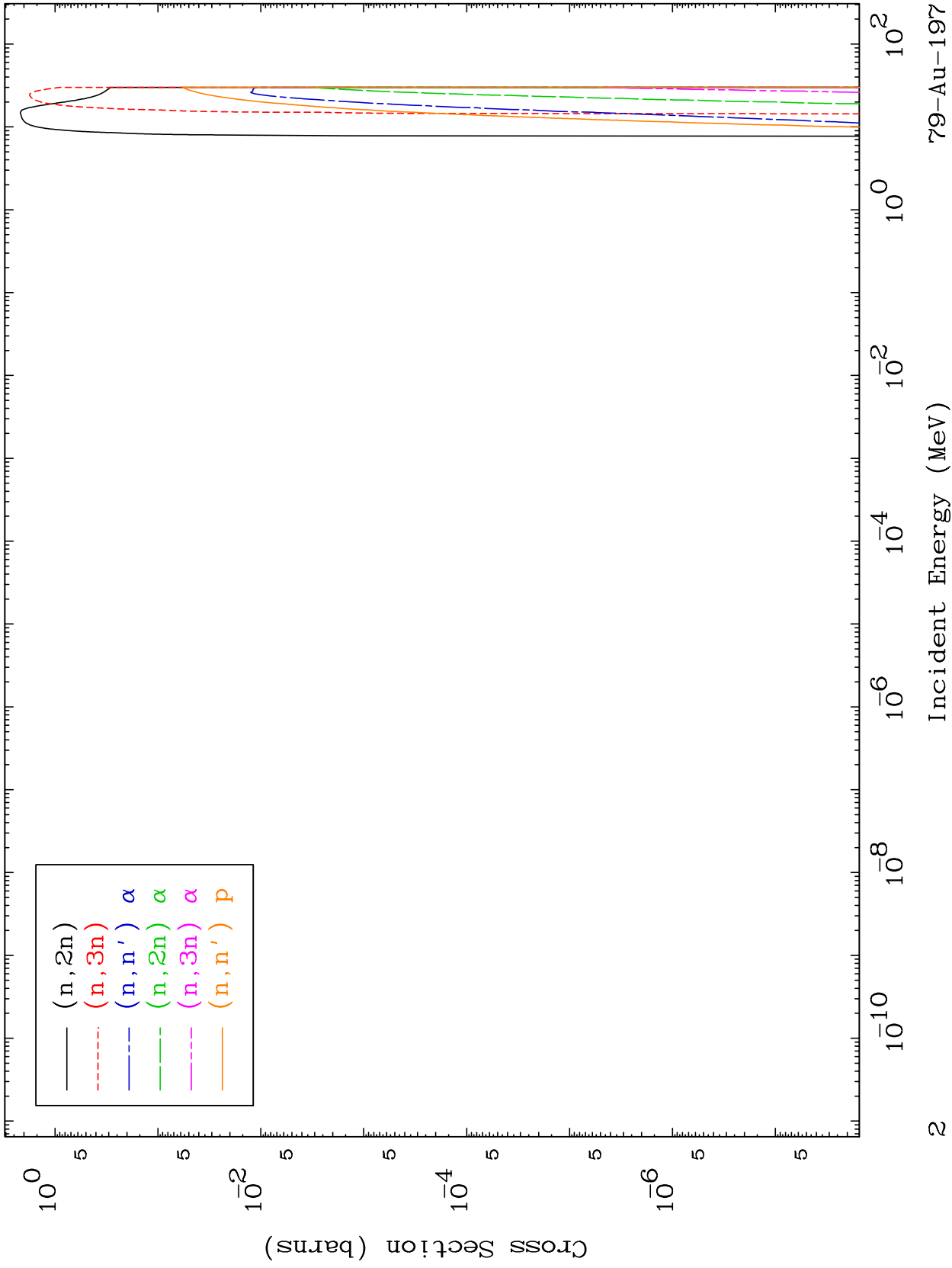
79-Au-197

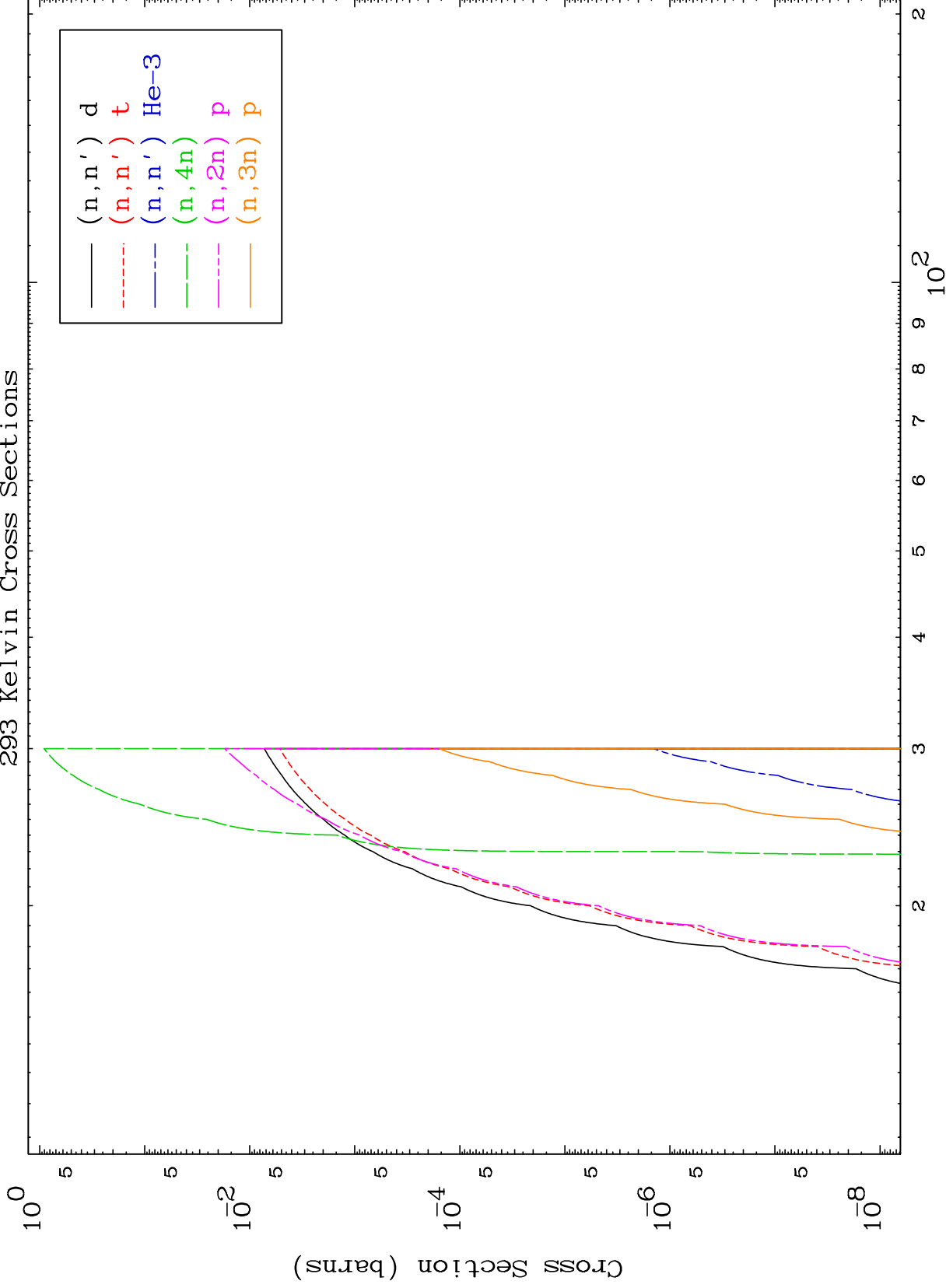


MAT 7926

Neutron Production
293 Kelvin Cross Sections

79-Au-197

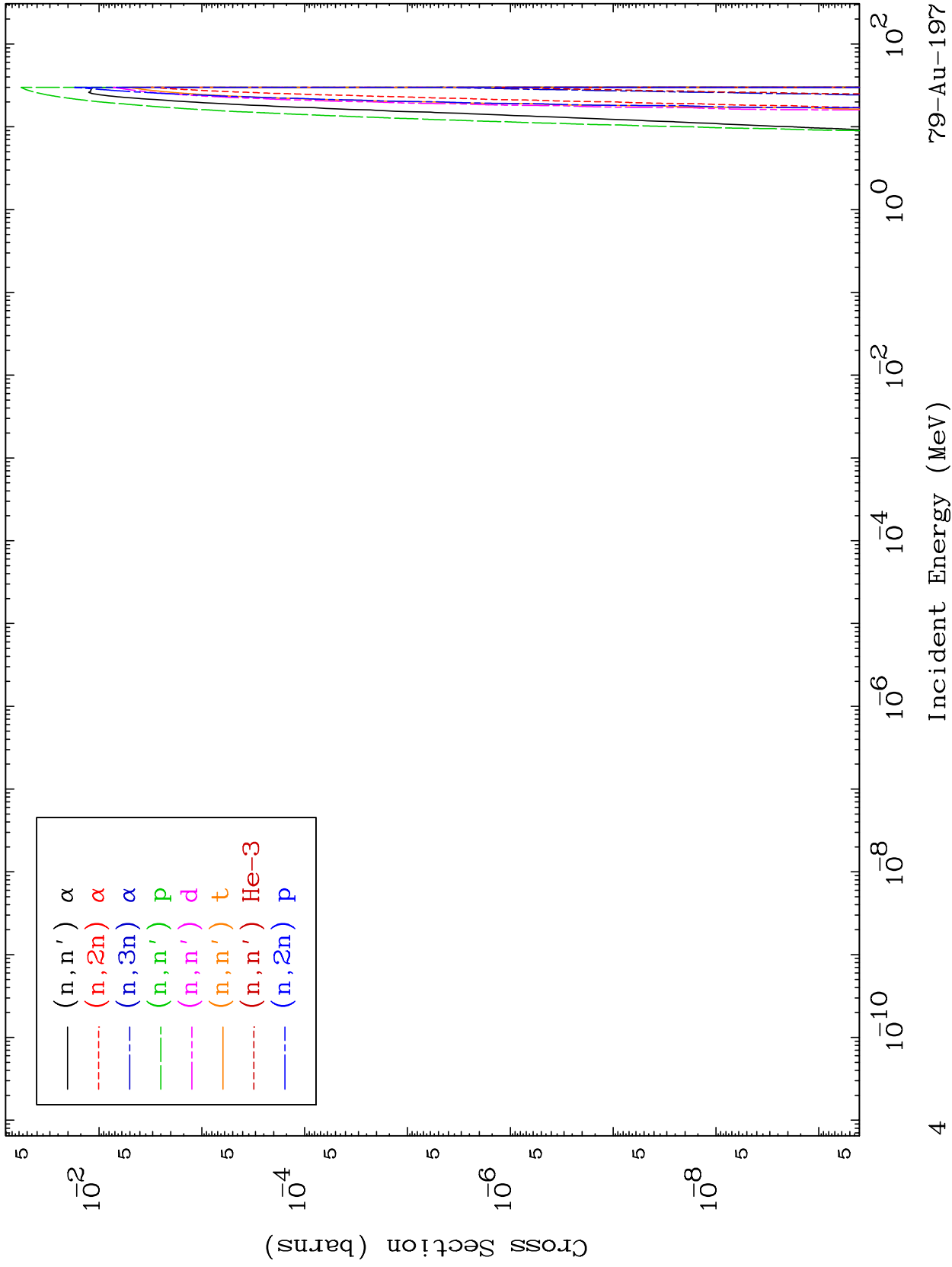




MAT 7926

Charged Particle
293 Kelvin Cross Sections

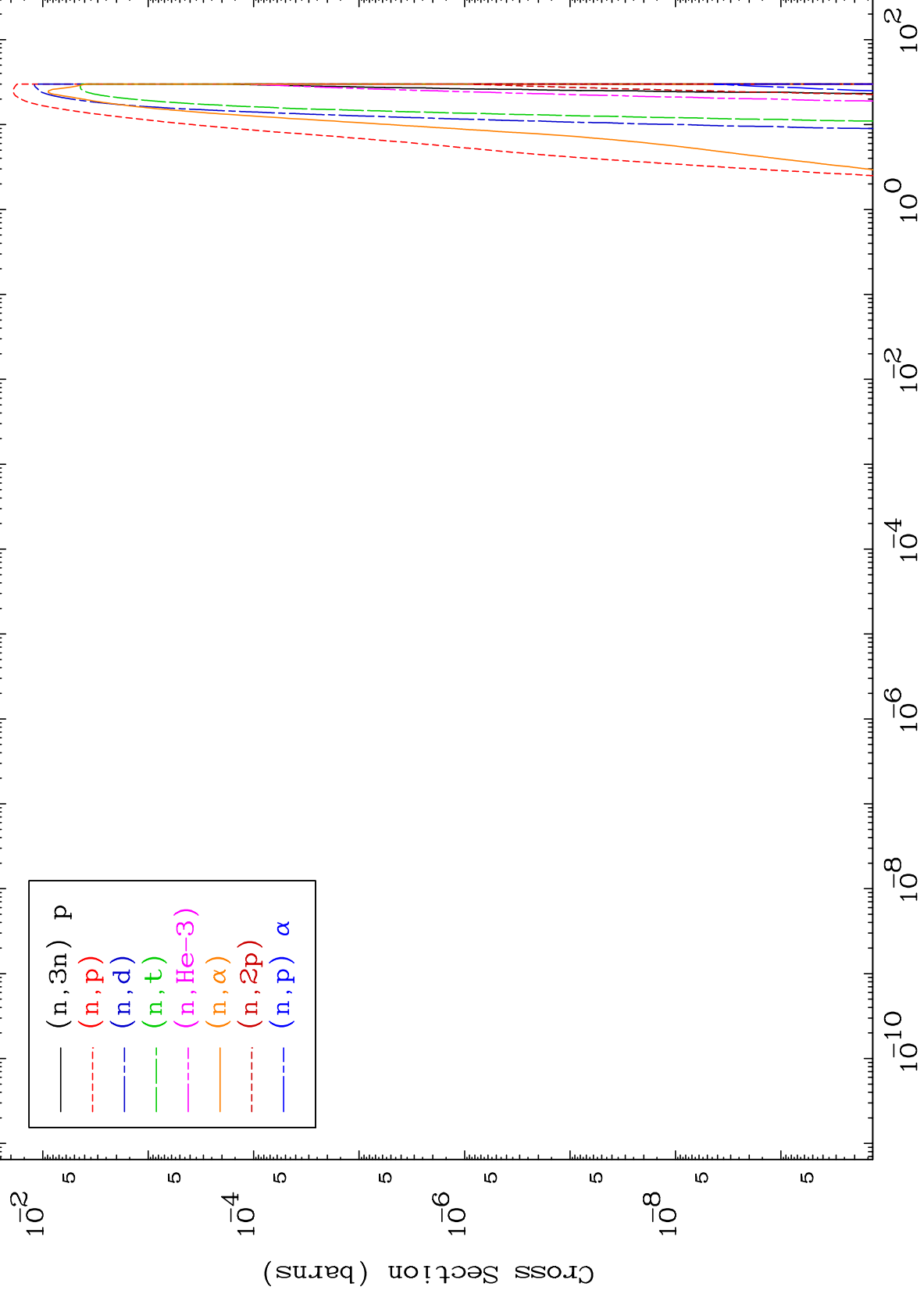
79-Au-197



MAT 7926

Charged Particle
293 Kelvin Cross Sections

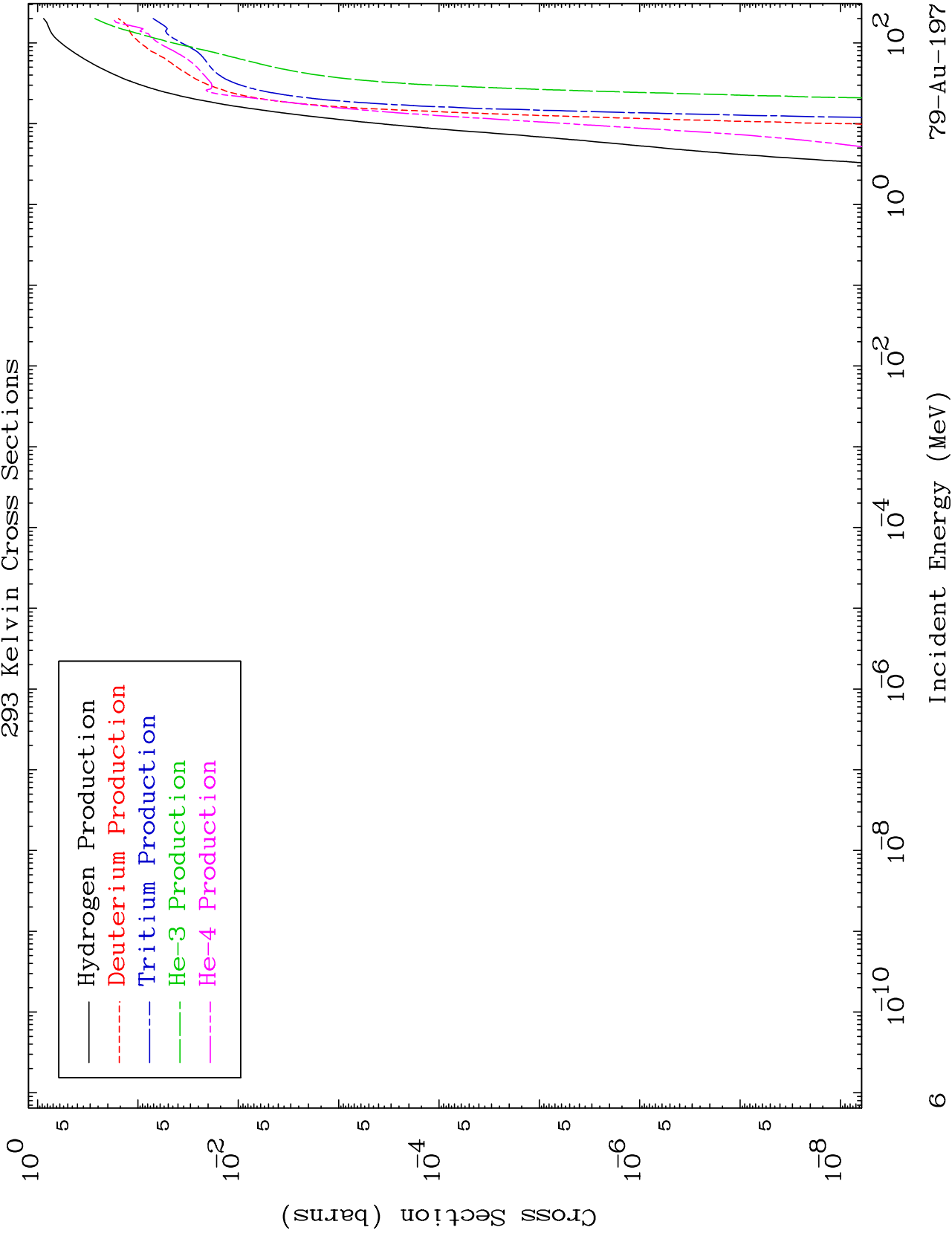
79-Au-197



MAT 7926

Particle Production
293 Kelvin Cross Sections

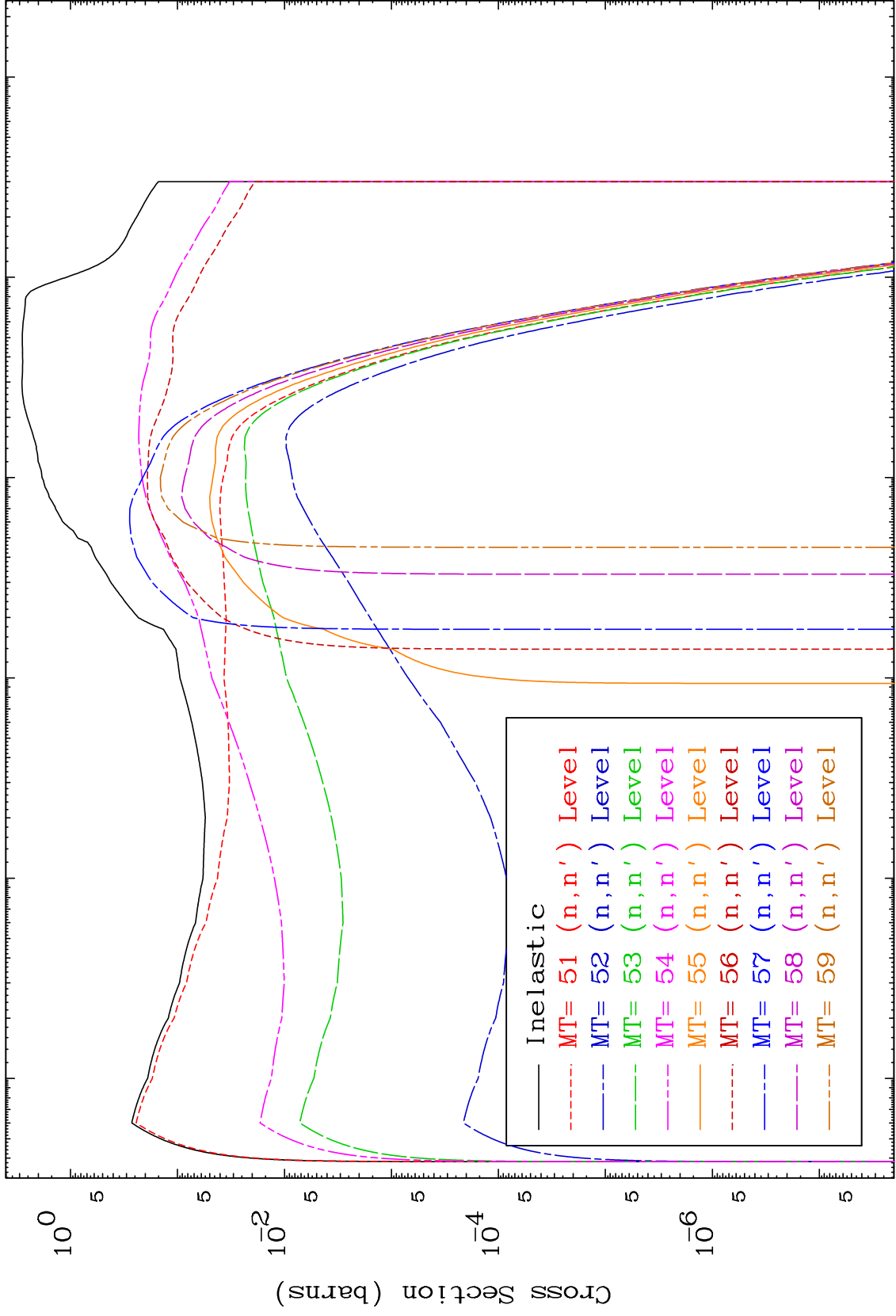
79-Au-197



MAT 7926

(n,n') Level
293 Kelvin Cross Sections

79-Au-197

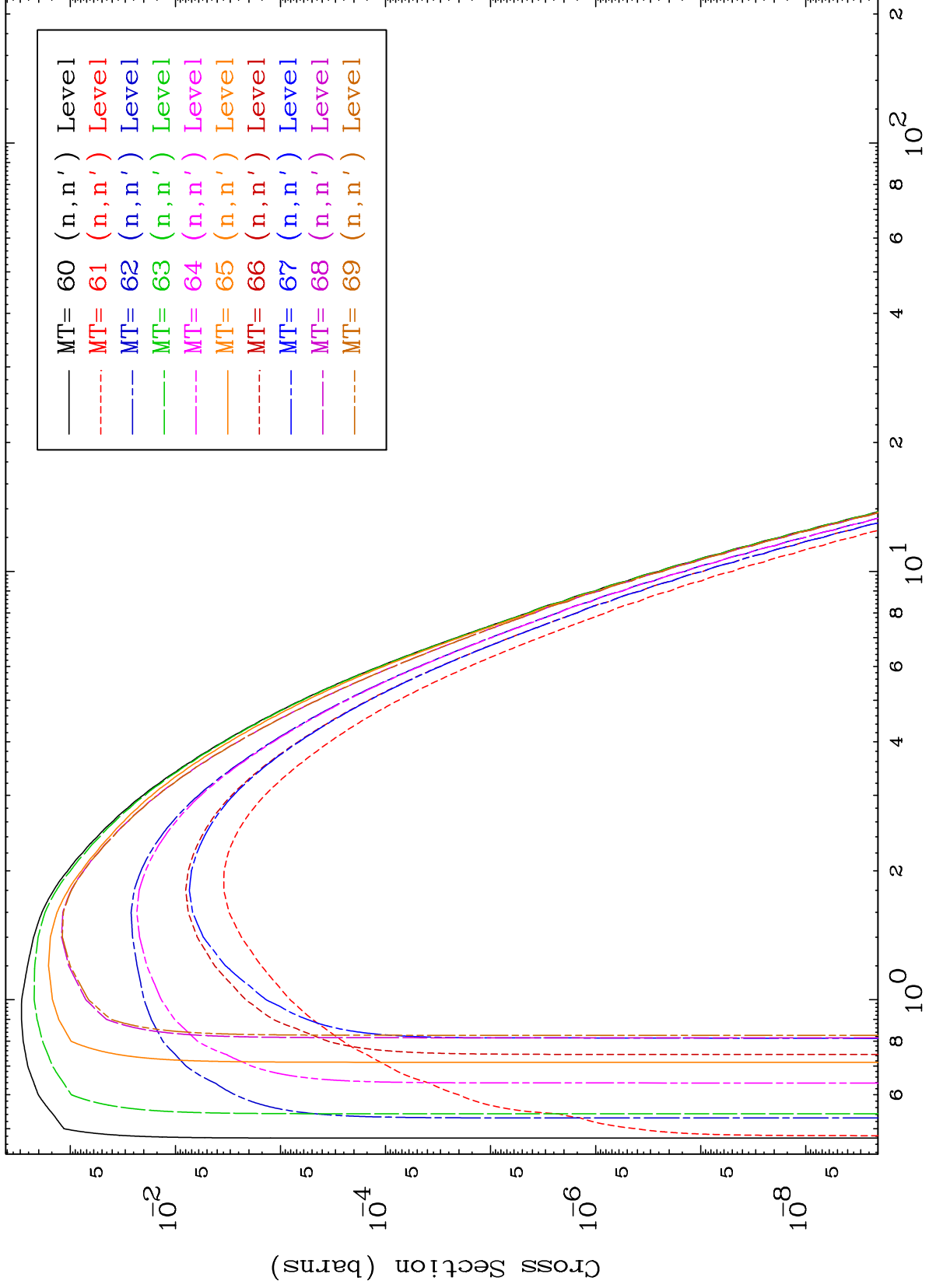


MAT 7926

(n,n') Level

79-Au-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

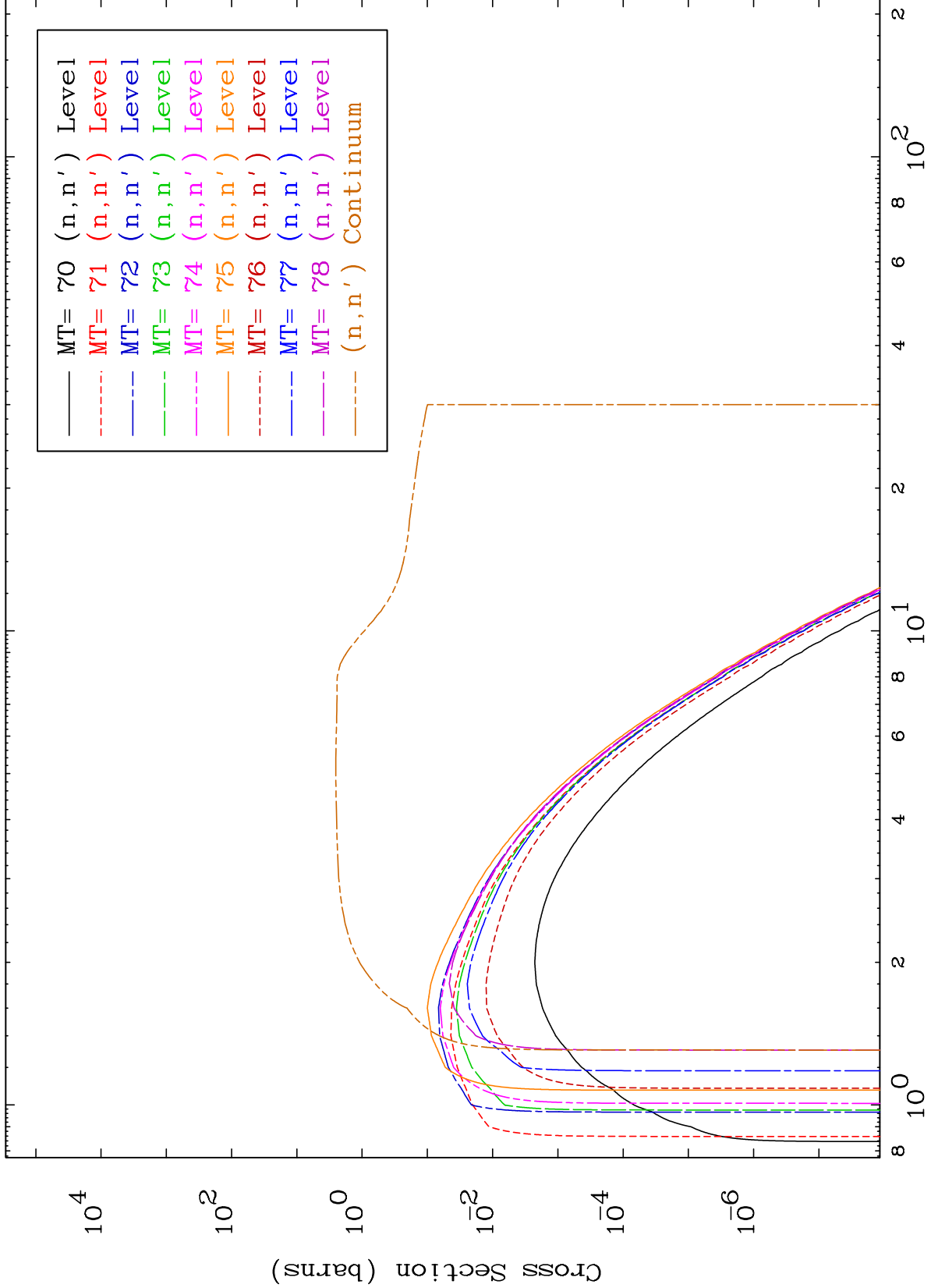
79-Au-197

MAT 7926

(n,n') Level

79-Au-197

293 Kelvin Cross Sections



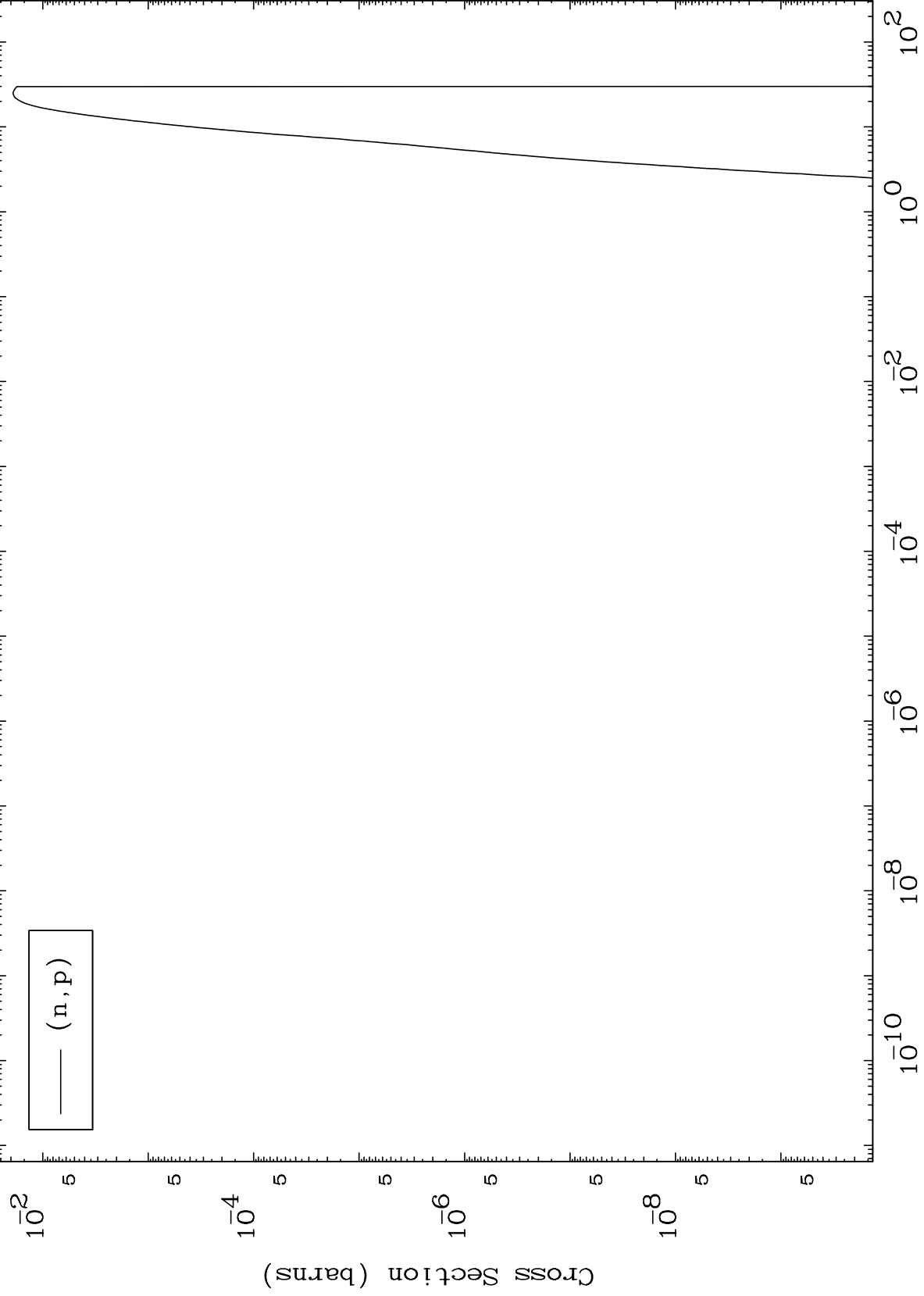
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,p) Levels
293 Kelvin Cross Sections

79-Au-197



(n,p)

10

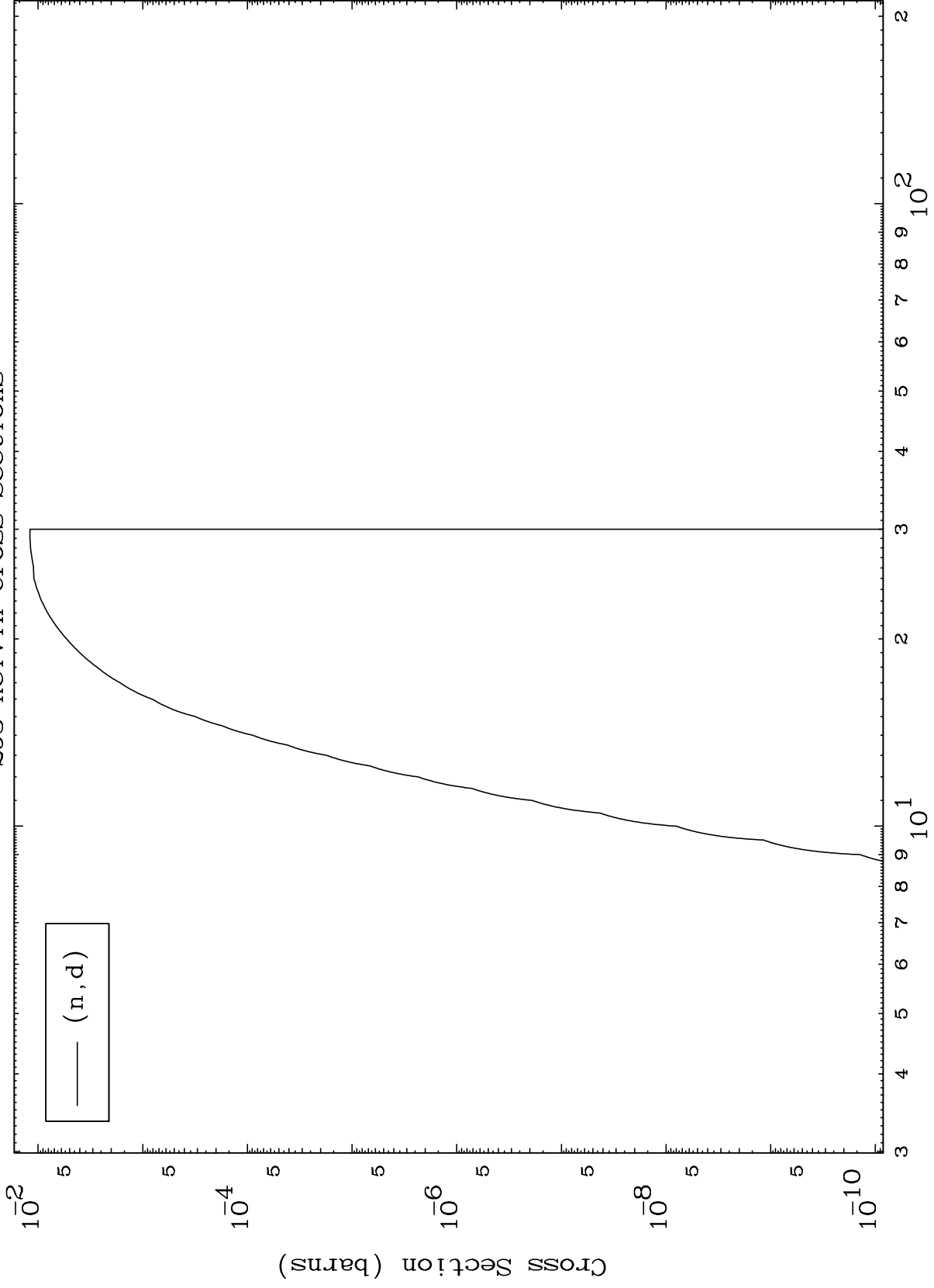
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,d) Levels
293 Kelvin Cross Sections

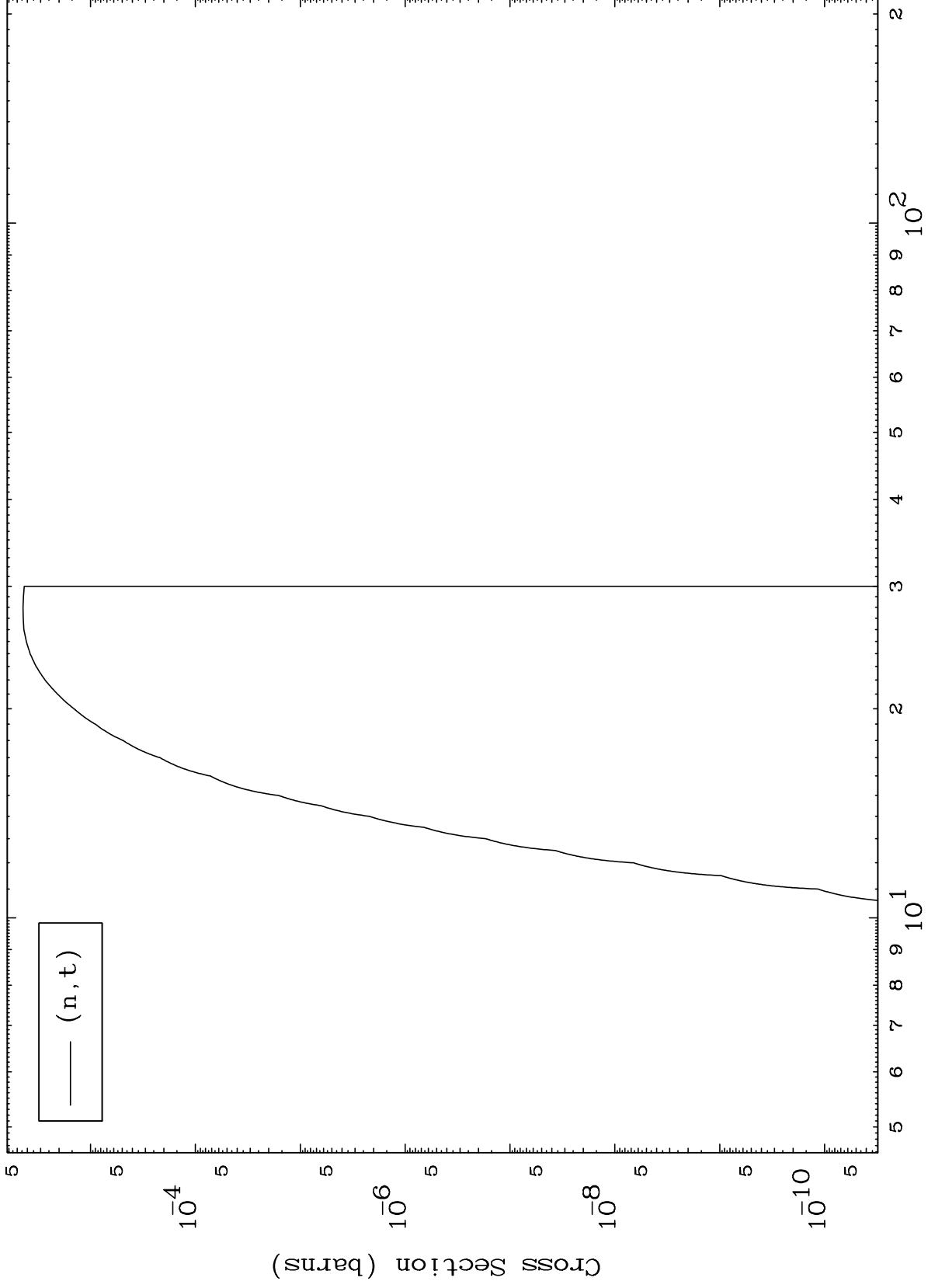
79-Au-197



MAT 7926

(n,t) Levels
293 Kelvin Cross Sections

79-Au-197



12

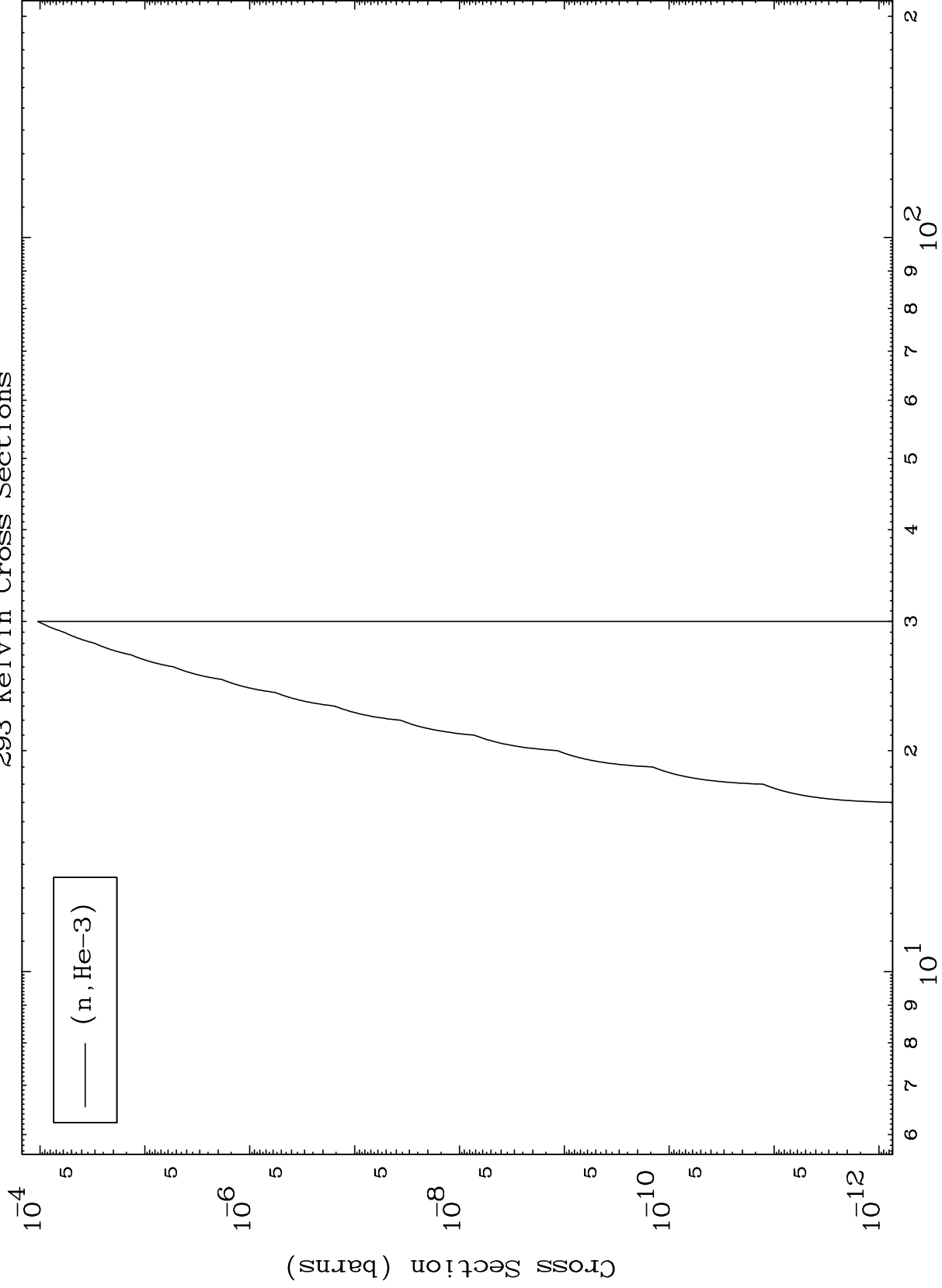
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-197



13

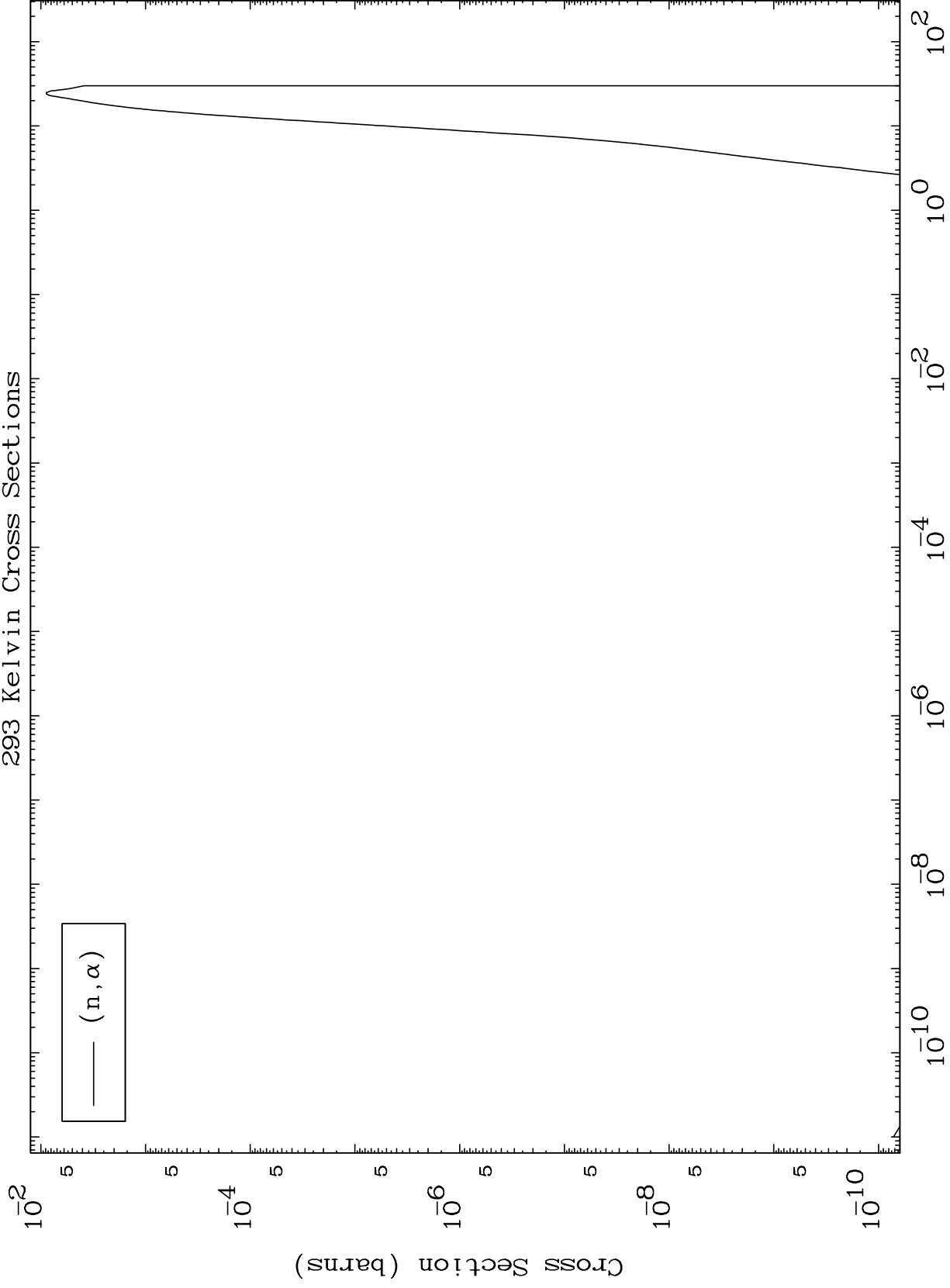
Incident Energy (MeV)

79-Au-197

MAT 7926

(n, α) Levels
293 Kelvin Cross Sections

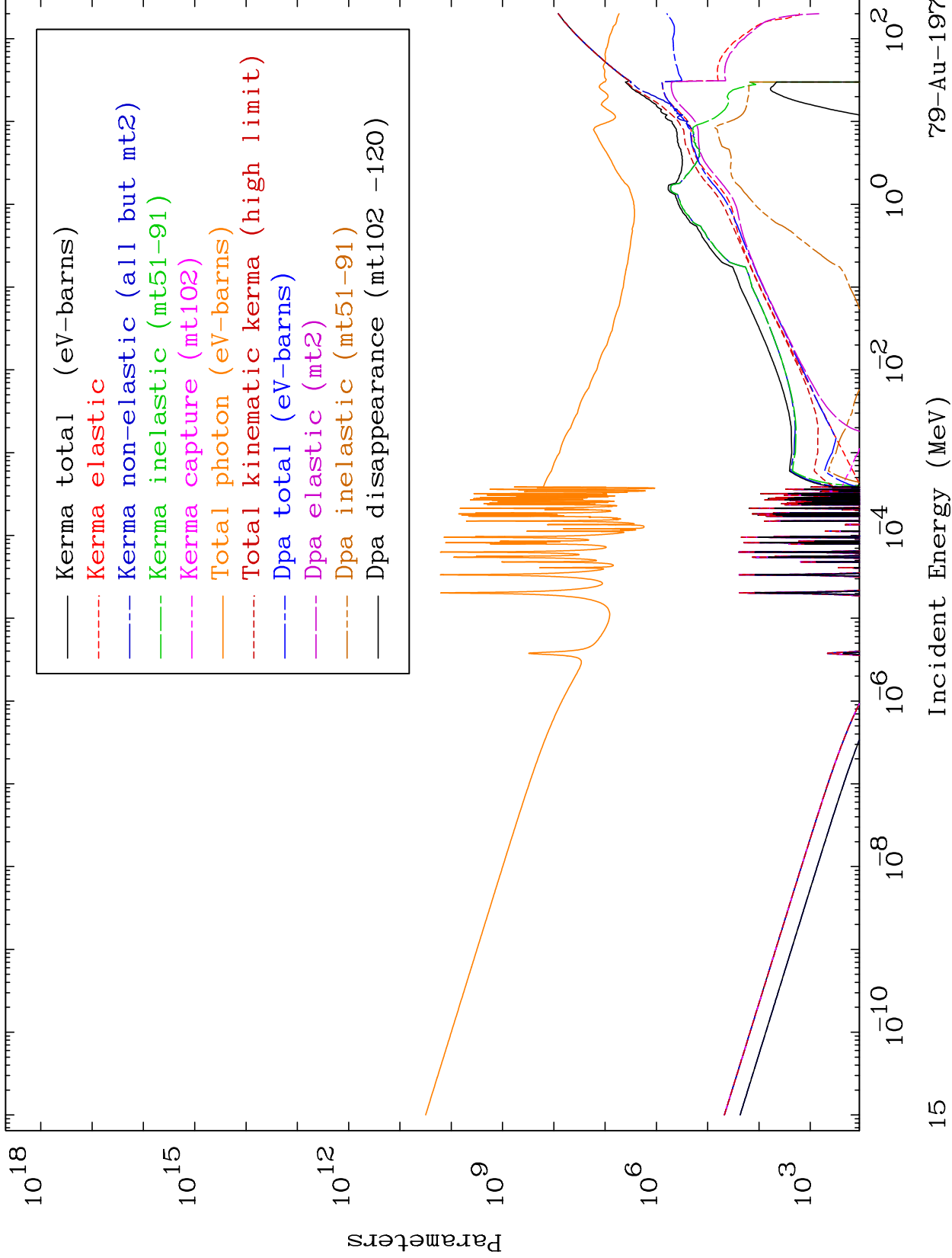
79-Au-197



79-Au-197

Incident Energy (MeV)

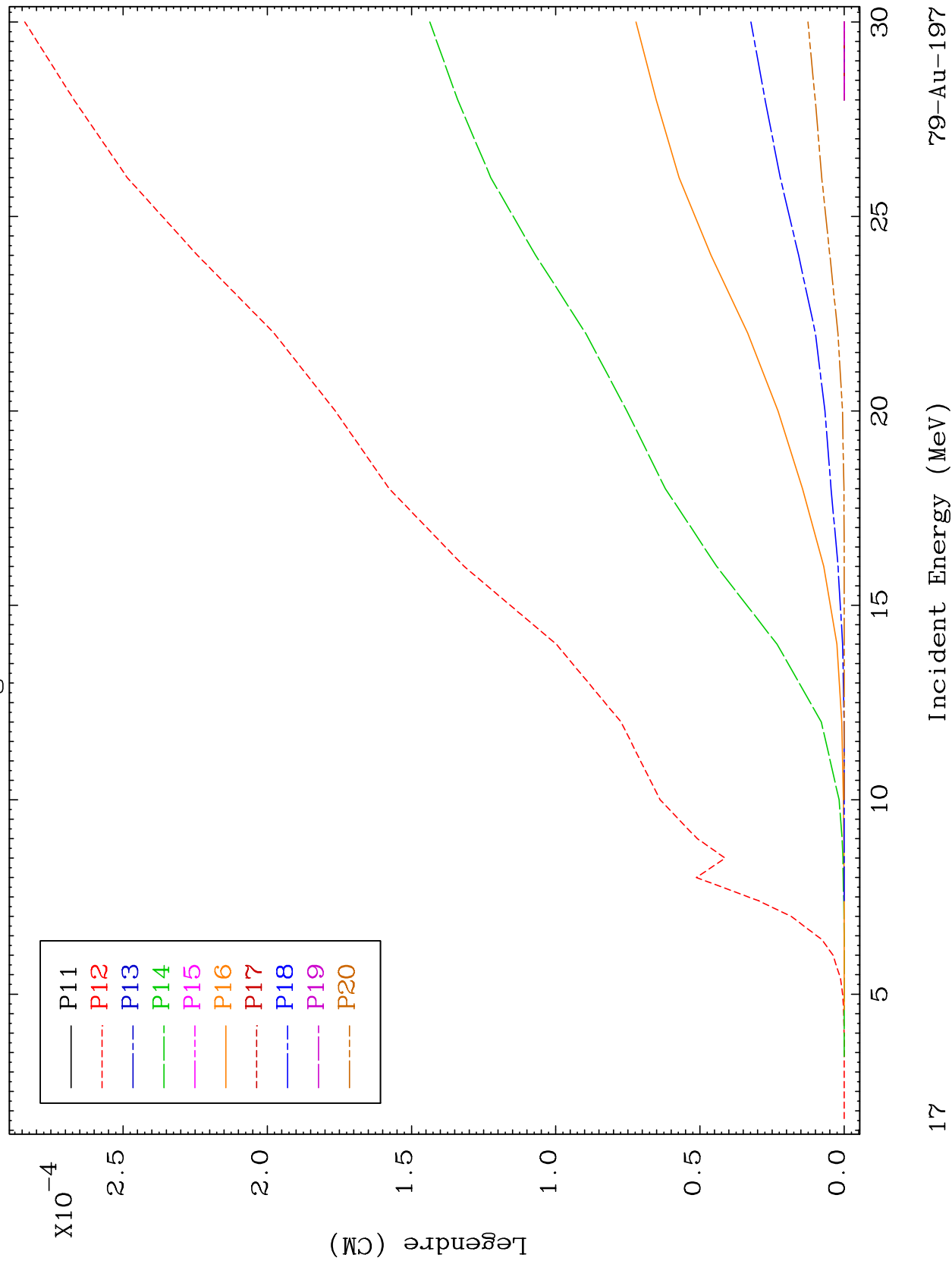
14



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Elastic Legendre Coefficients

79-Au-197



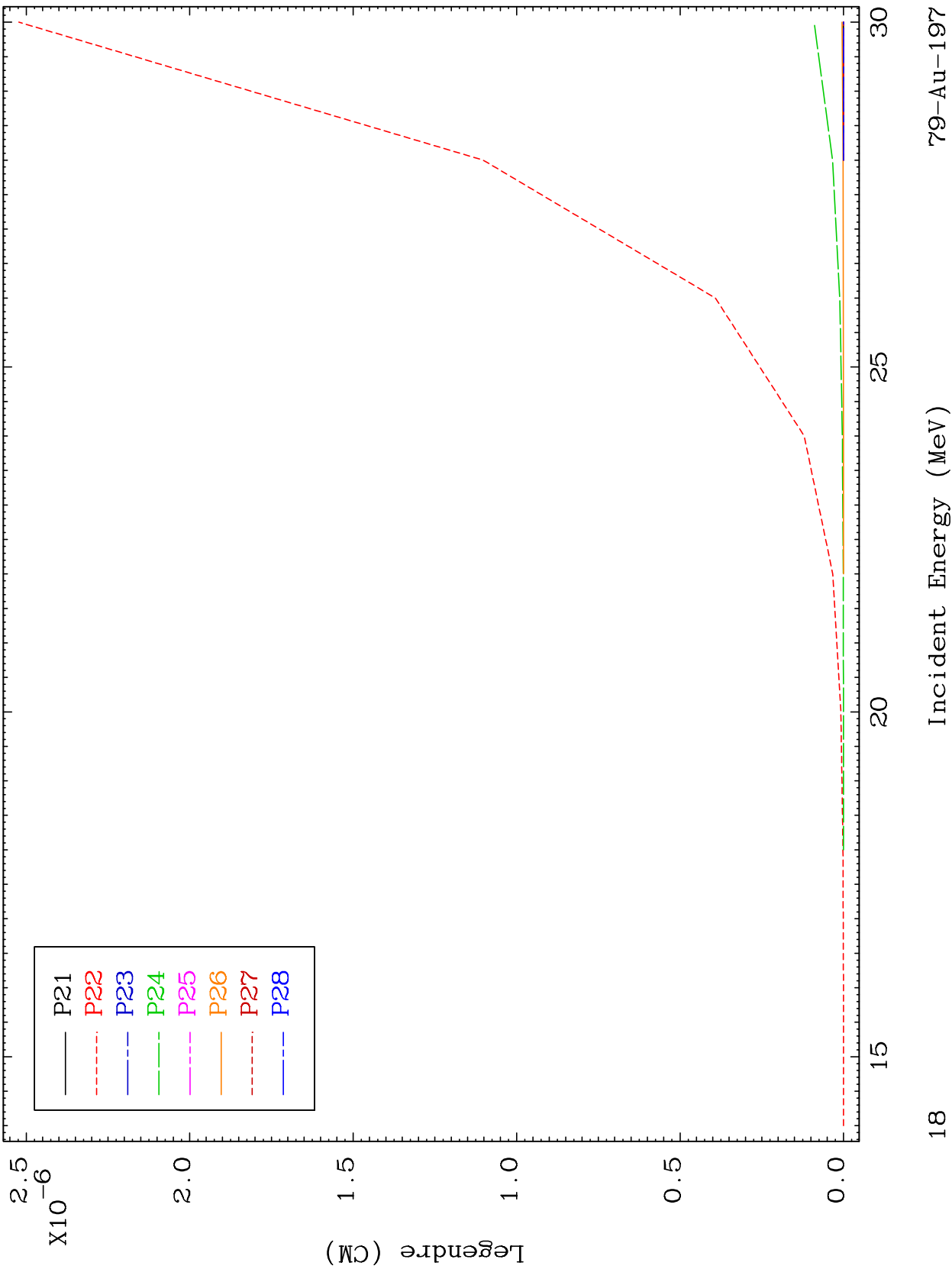
17

79-Au-197

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Elastic Legendre Coefficients

79-Au-197



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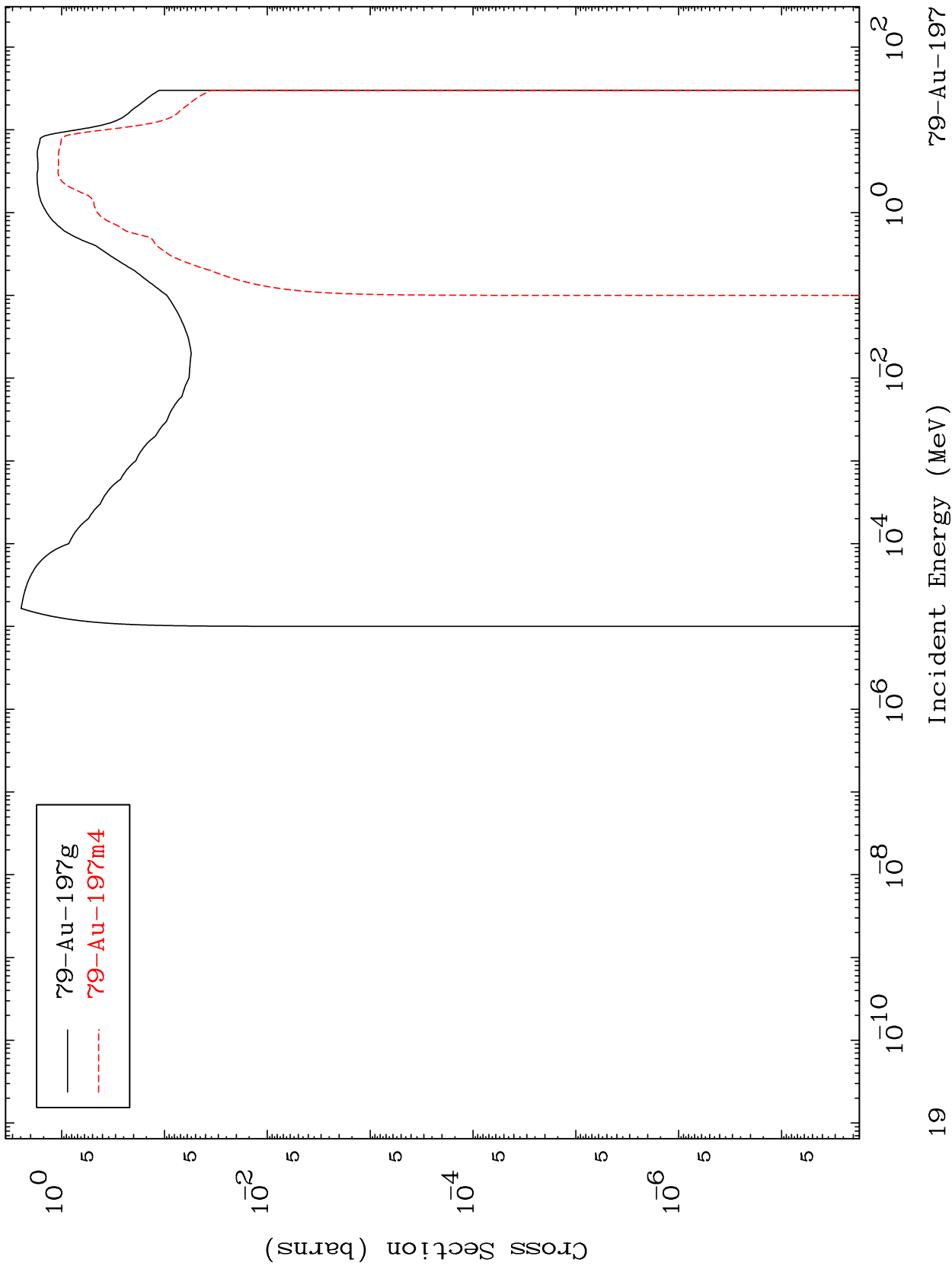
Incident Energy (MeV)

79-Au-197

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79-Au-197

Inelastic
Radionuclide Production Cross Section

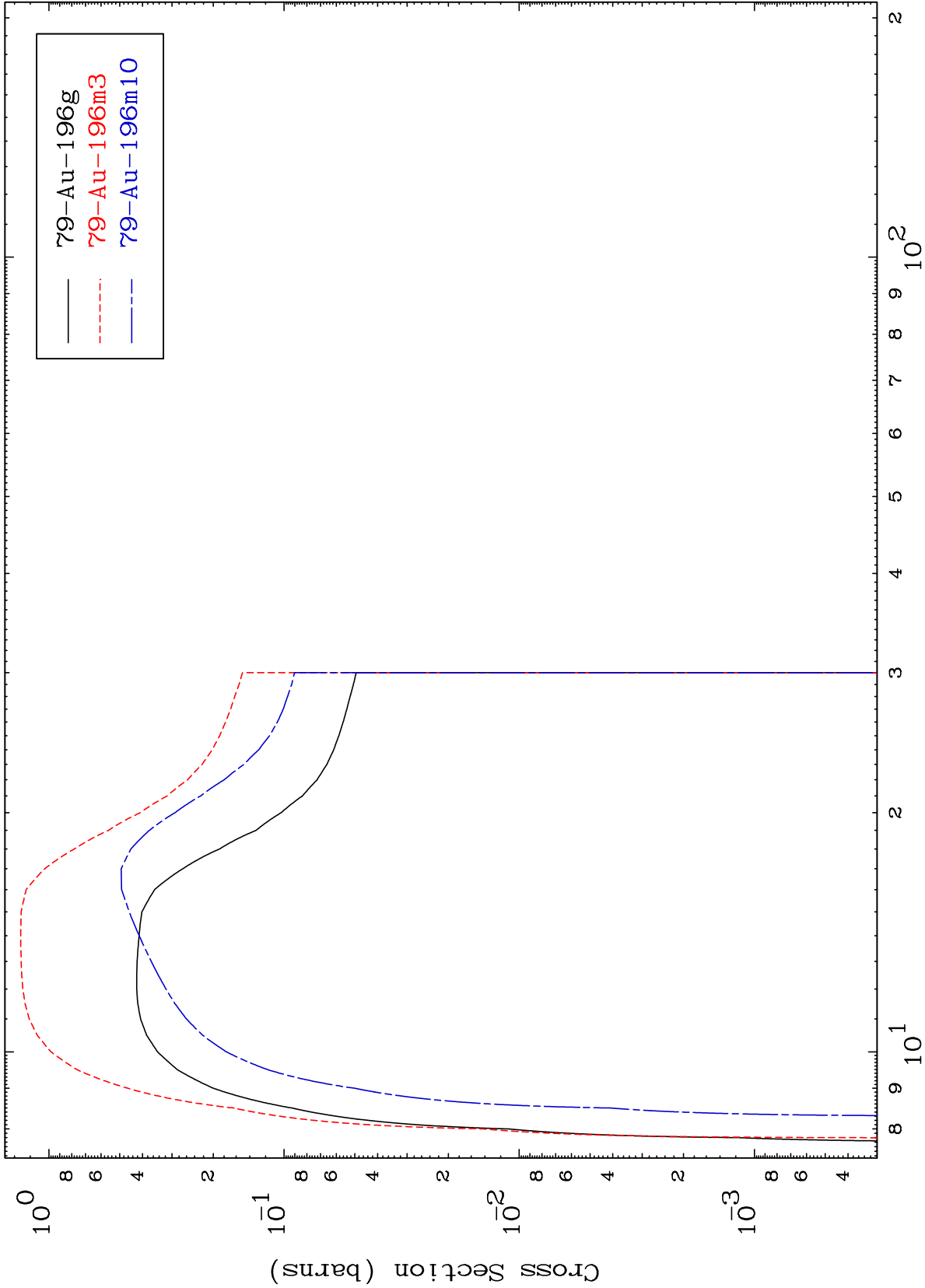


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(n,2n)

79-Au-197

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-197

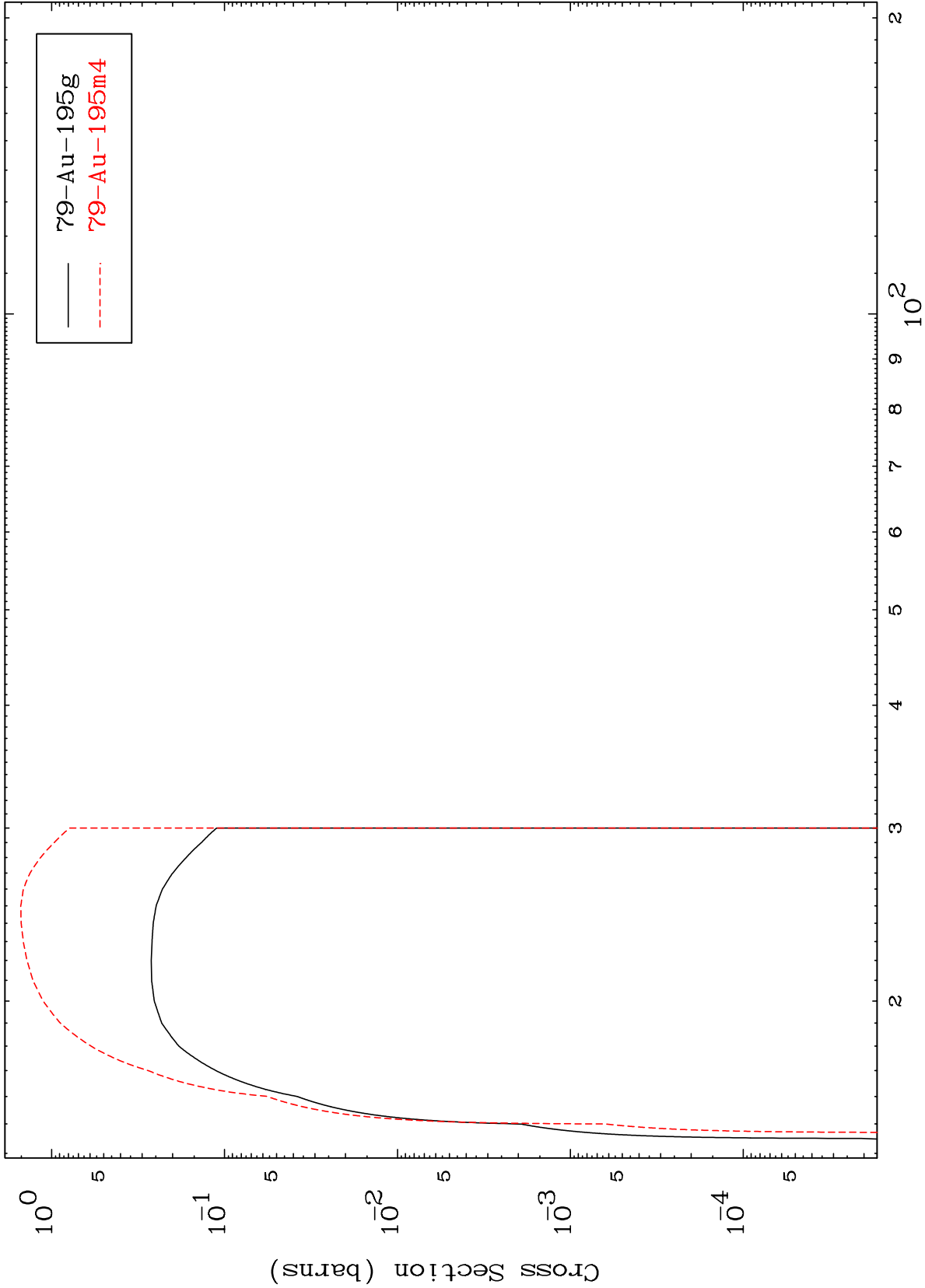
20

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(n,3n)

79-Au-197

Radionuclide Production Cross Section



21

Incident Energy (MeV)

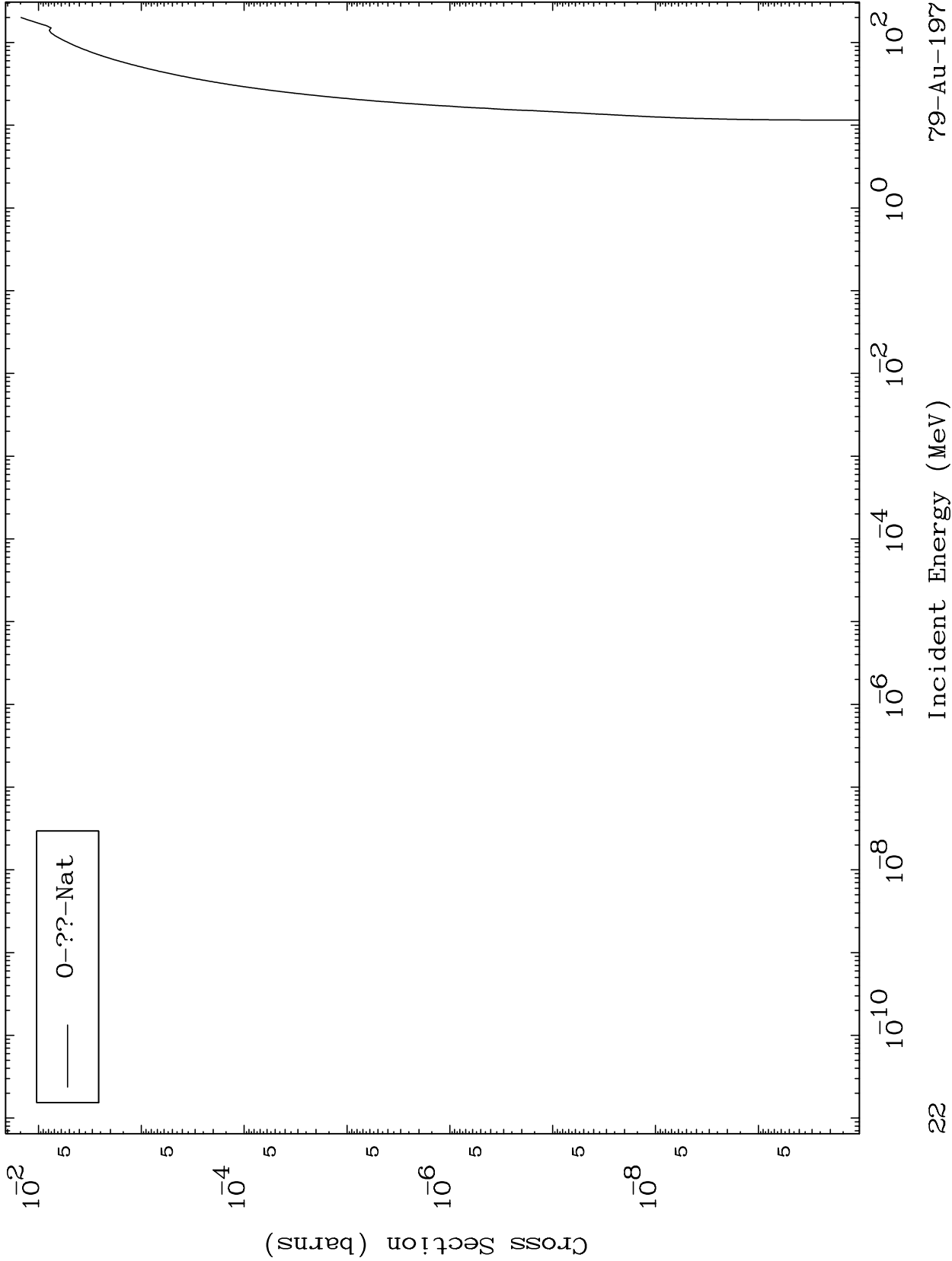
79-Au-197

MAT 7926

Fission

⁷⁹Au-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

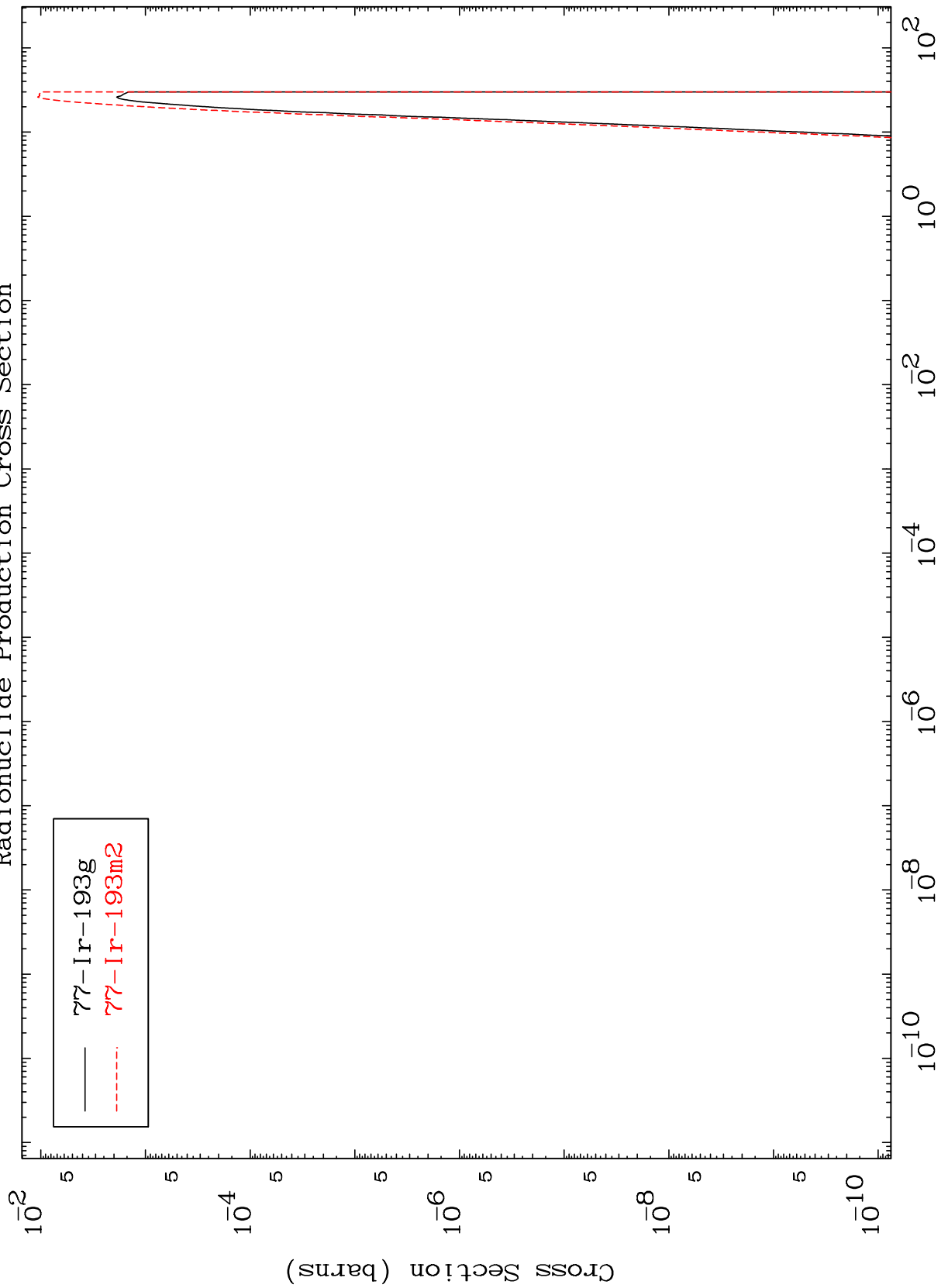
⁷⁹Au-197

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$(n, n') \alpha$

79-Au-197

Radionuclide Production Cross Section

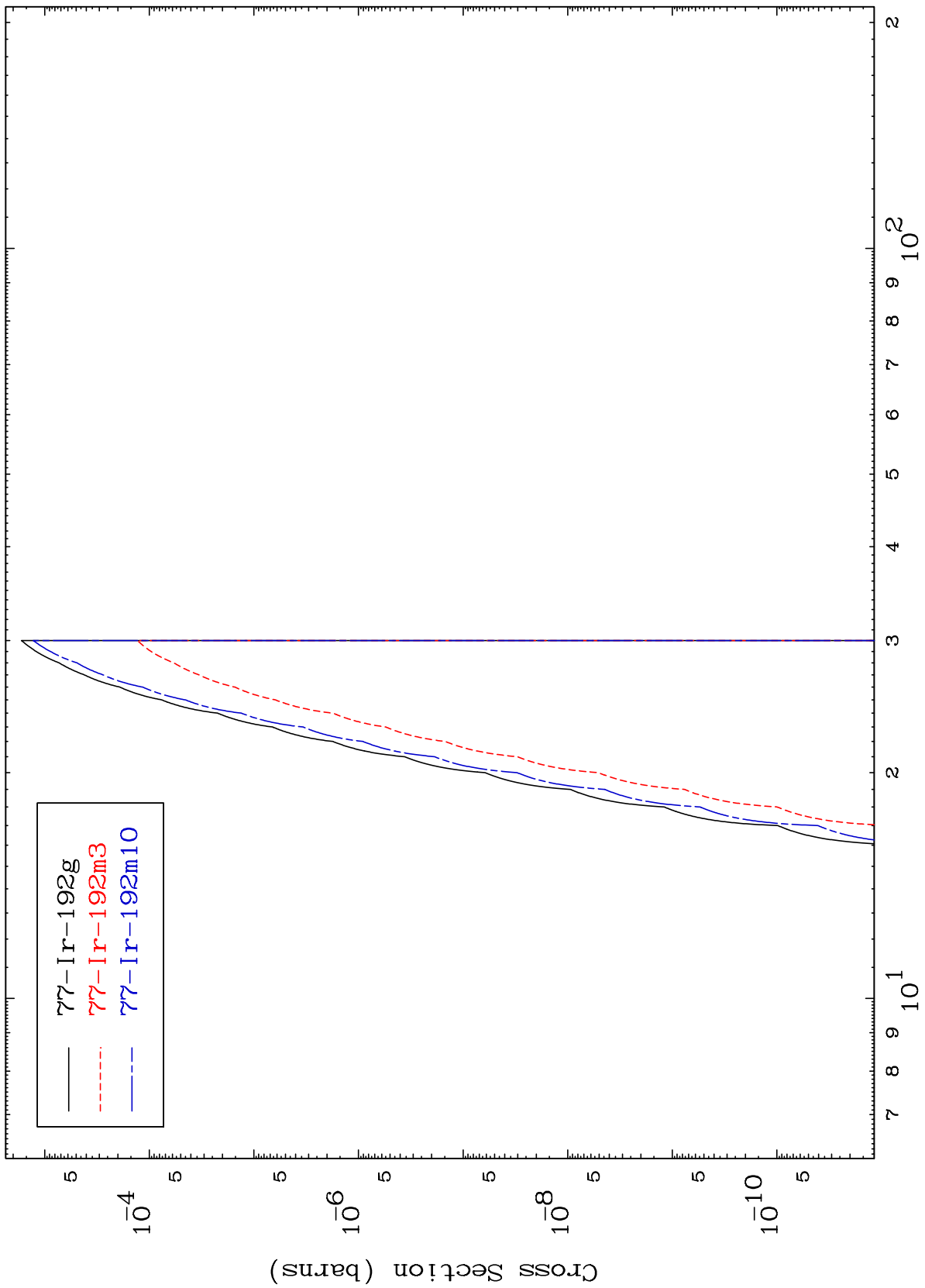


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(n,2n) α

79-Au-197

Radionuclide Production Cross Section

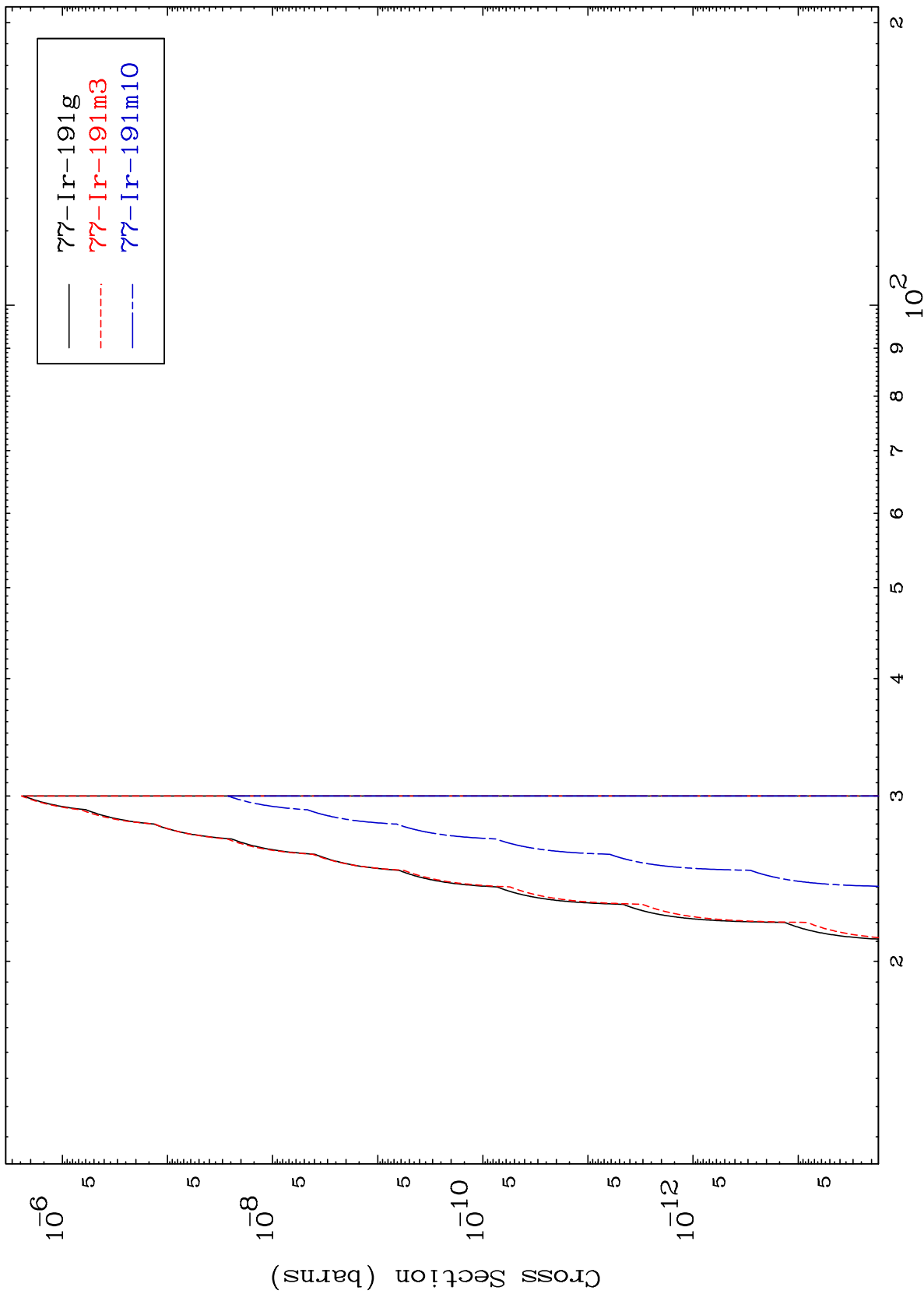


Incident Energy (MeV)

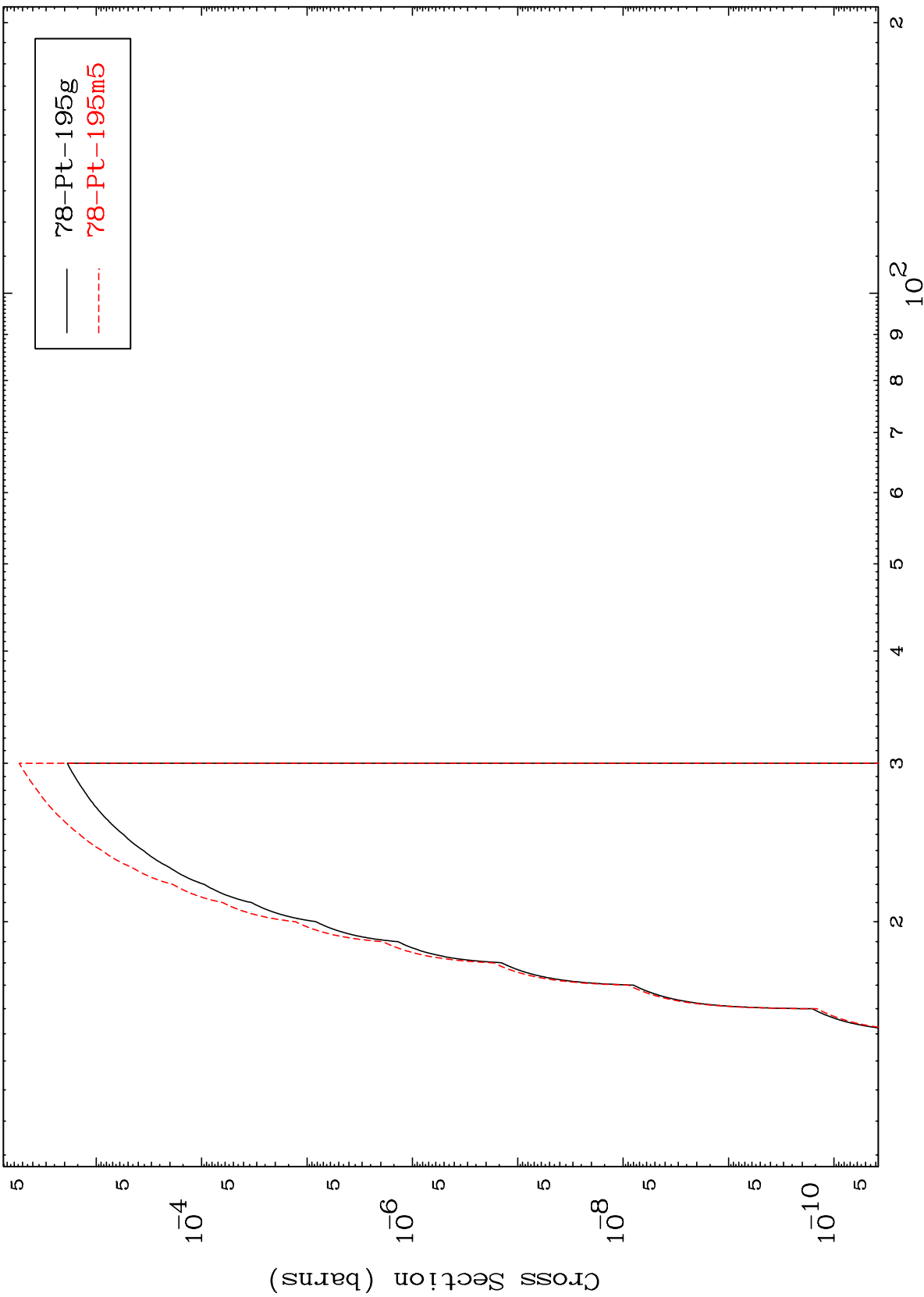
79-Au-197

24

Radionuclide Production Cross Section



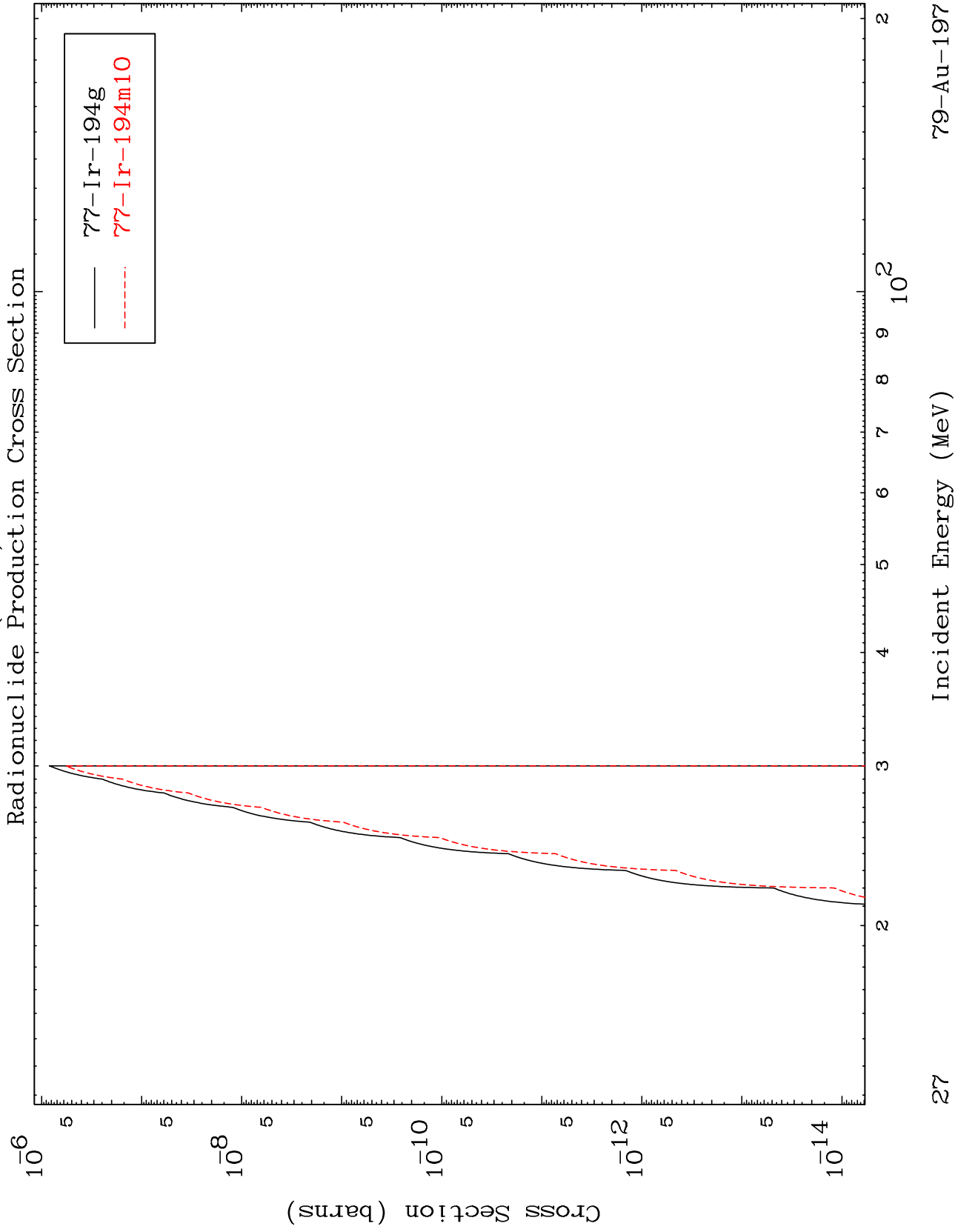
Radionuclide Production Cross Section



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(n,n') He-3

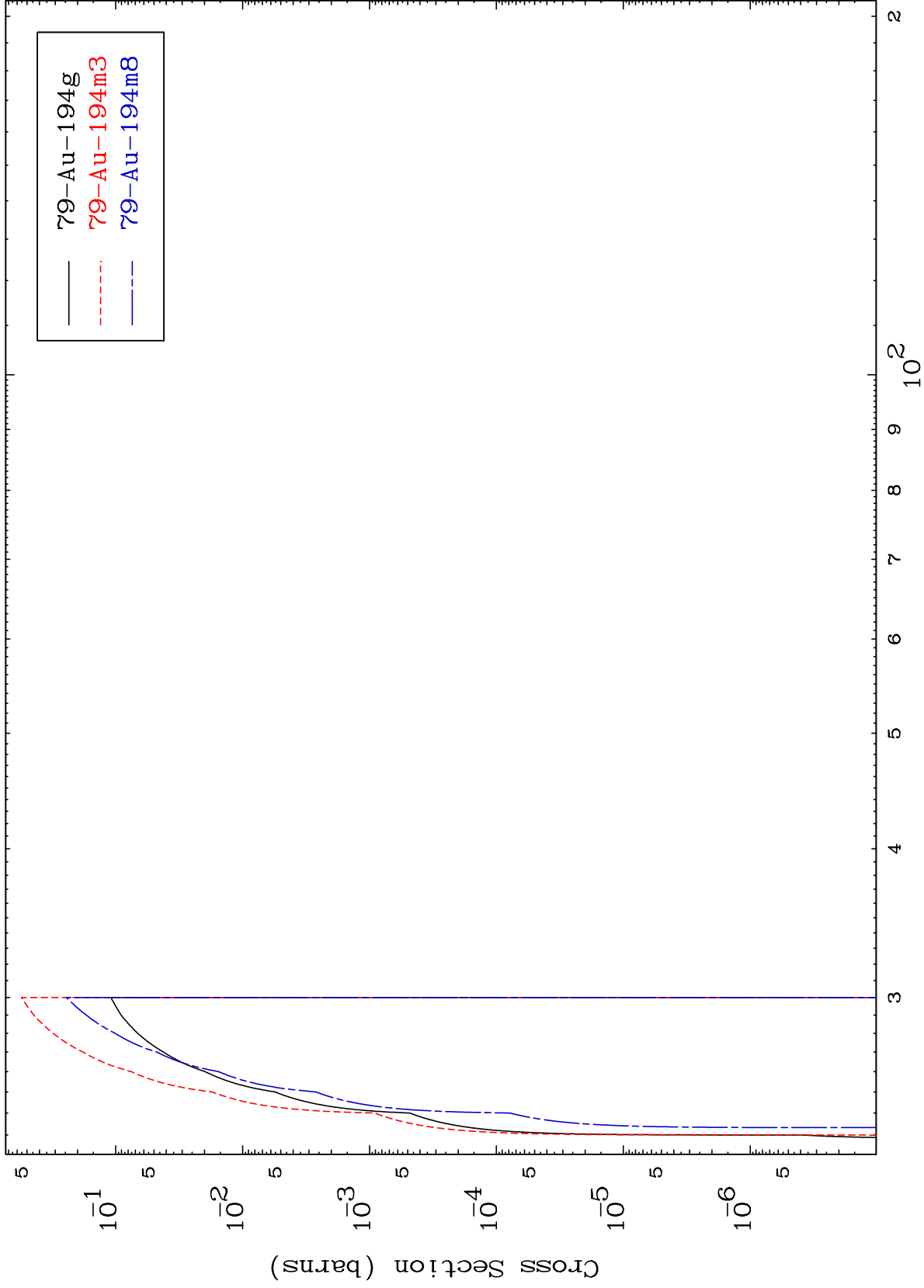
79-Au-197



27

79-Au-197

Radionuclide Production Cross Section

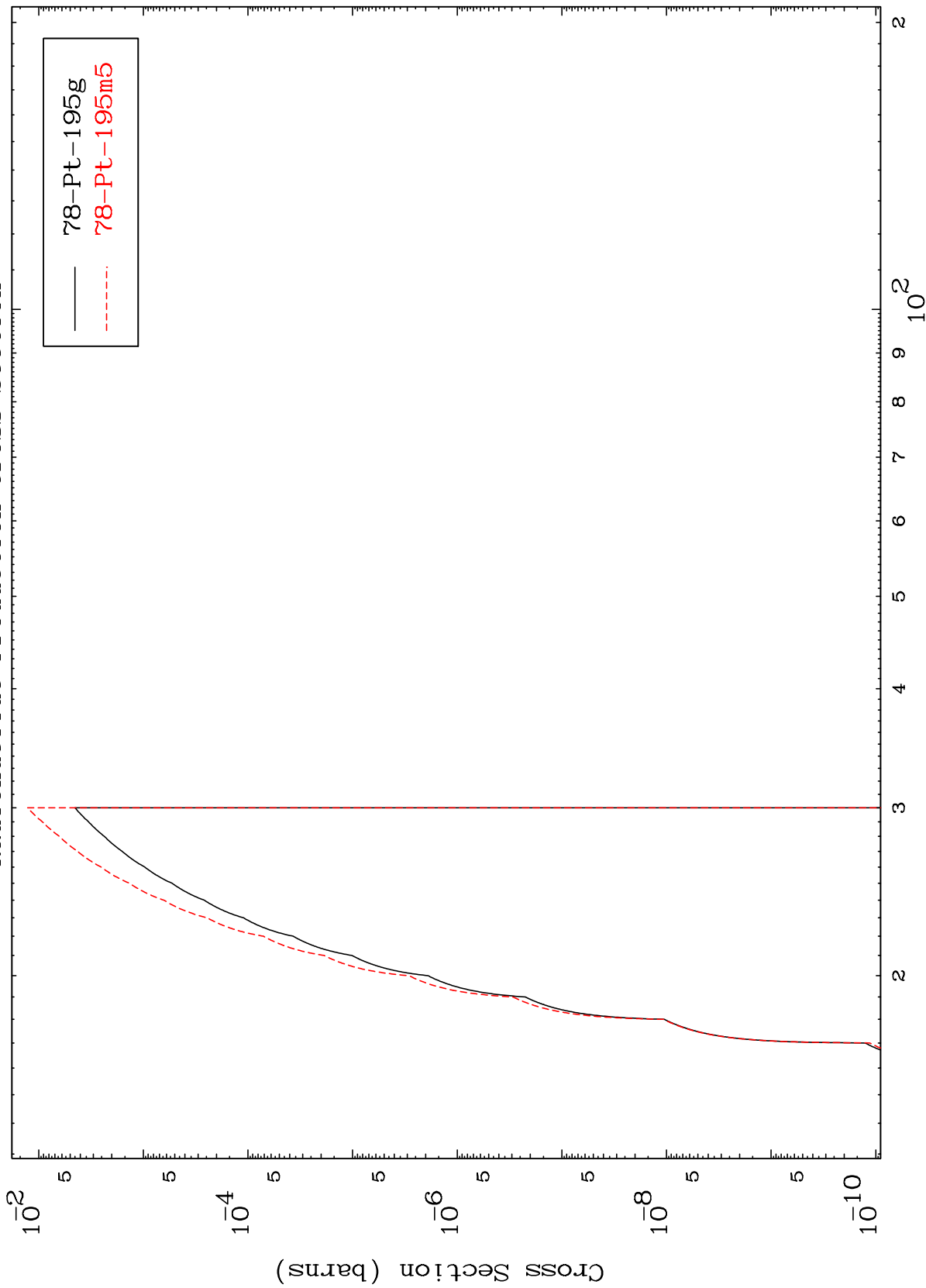


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(n,2n) p

79-Au-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

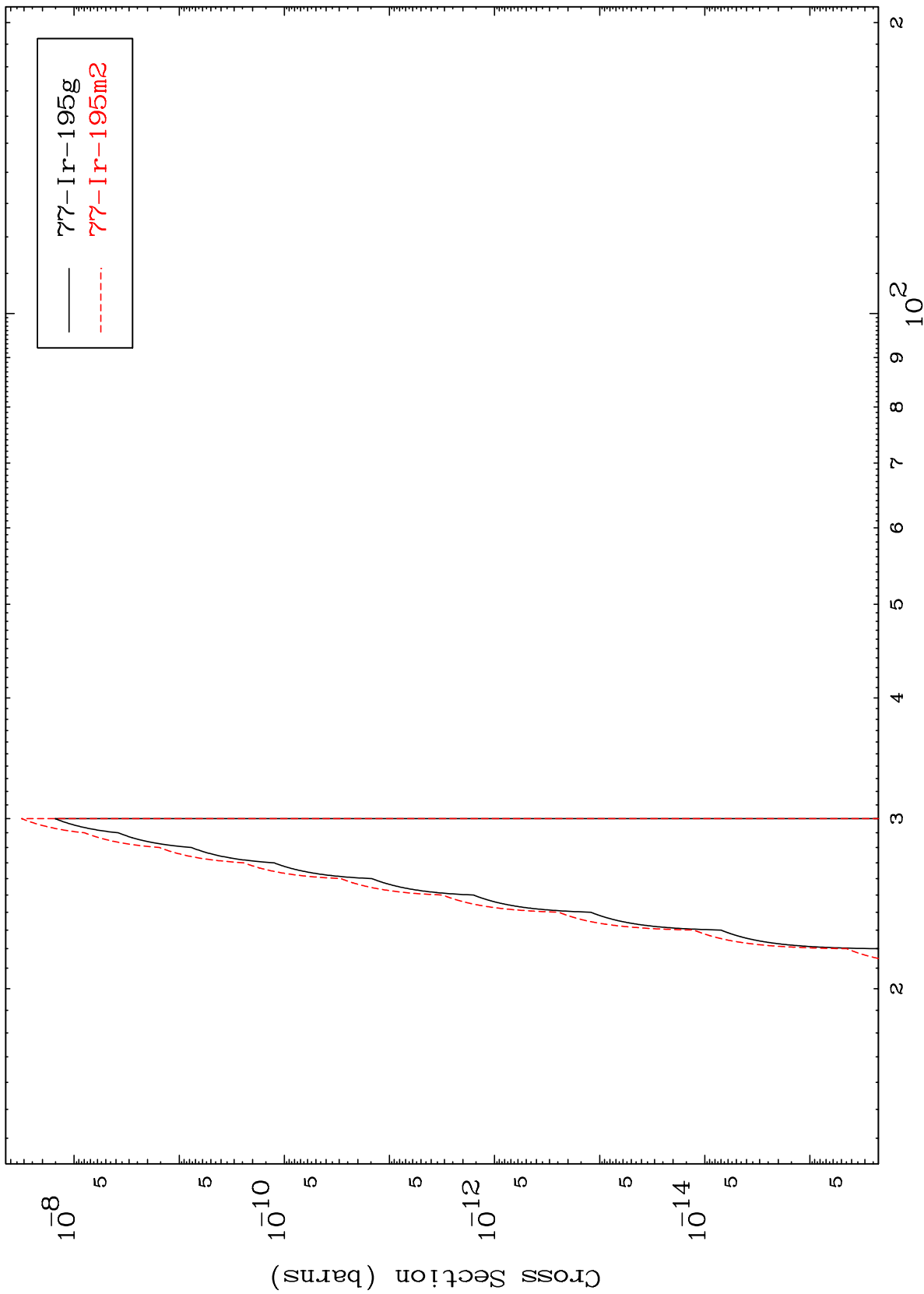
79-Au-197

MAT 7926

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

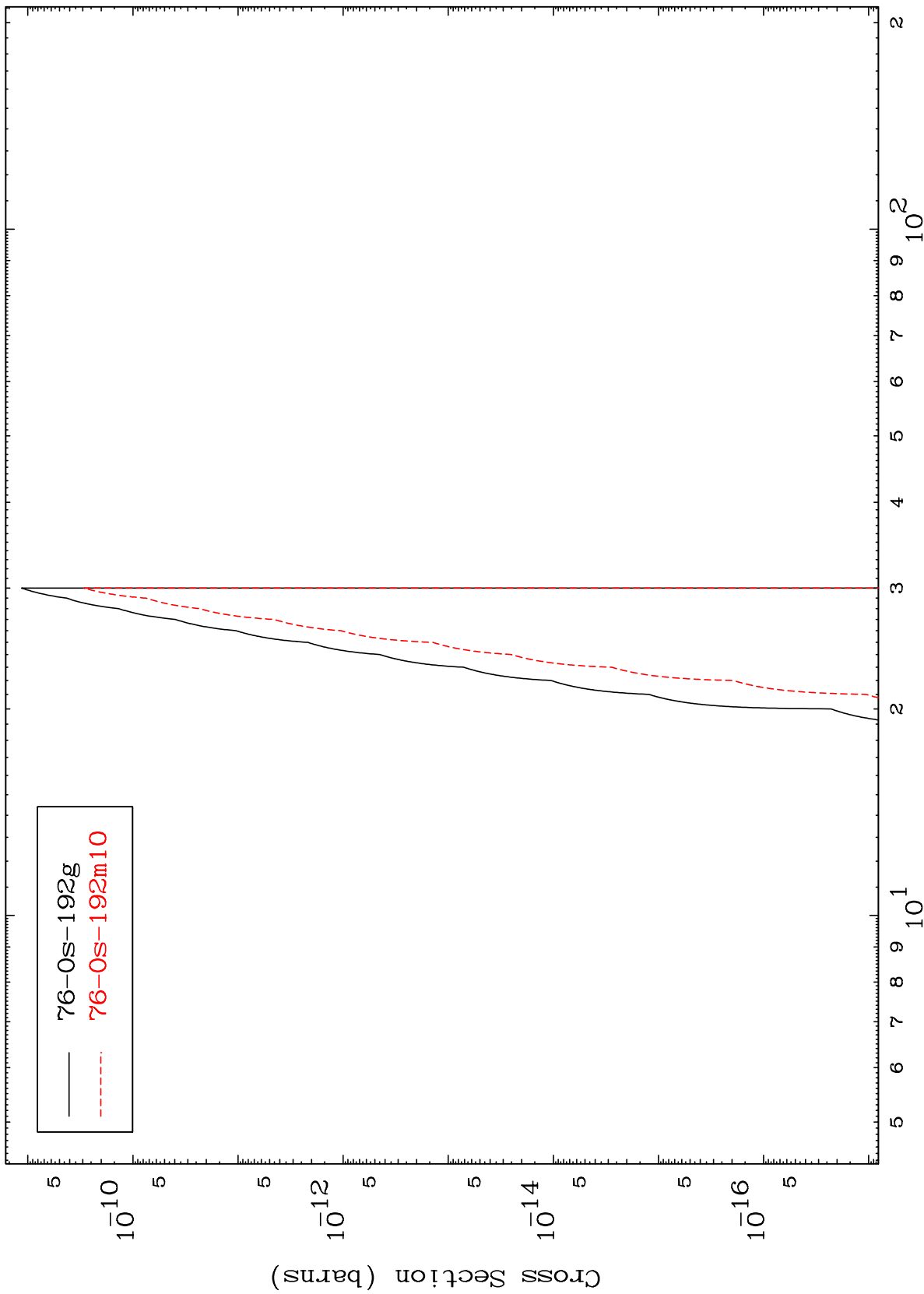
79-Au-197

MAT 7926

(n,n') p α

79-Au-197

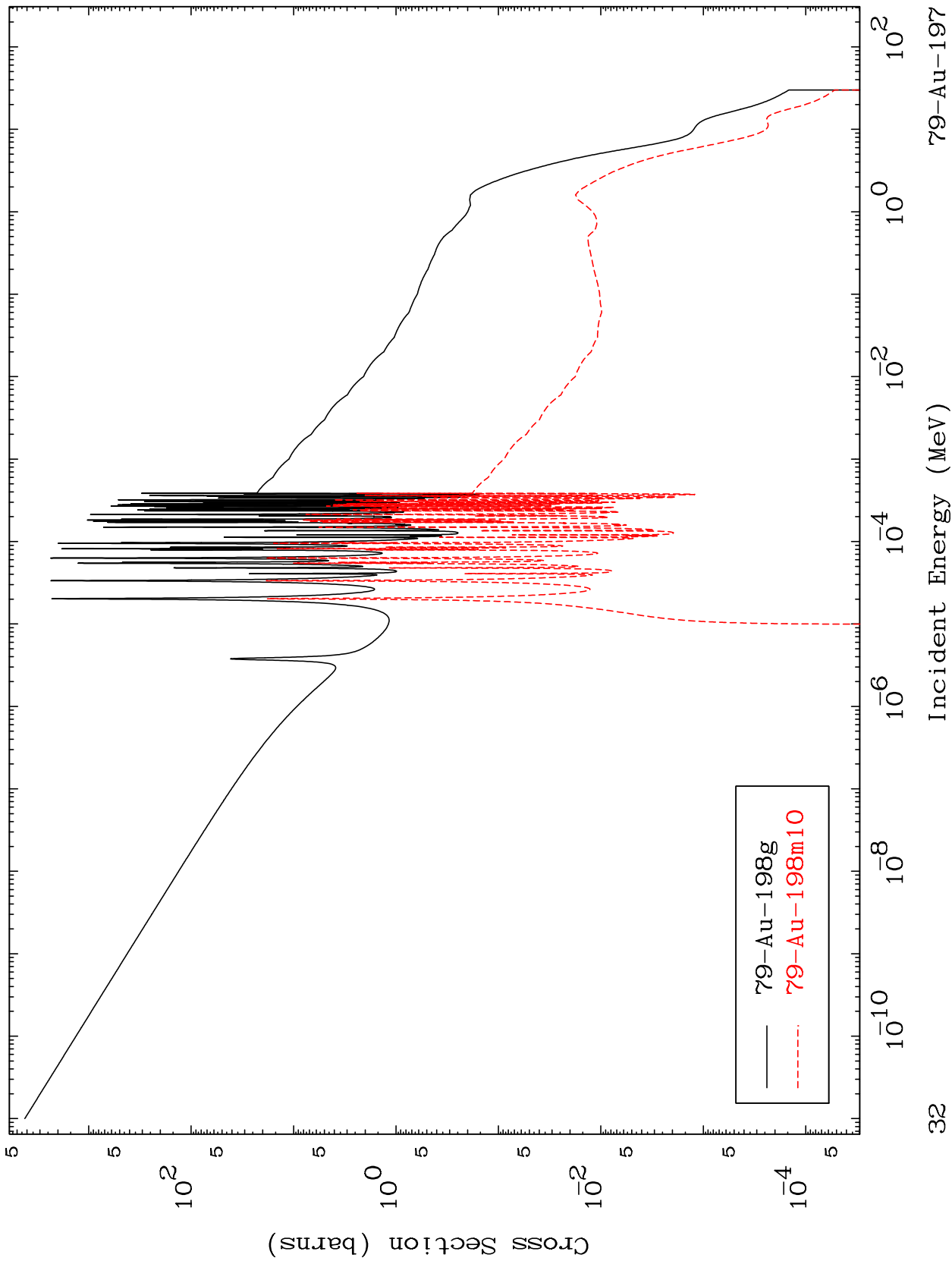
Radionuclide Production Cross Section



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⁷⁹Au-197

(n,γ)
Radionuclide Production Cross Section

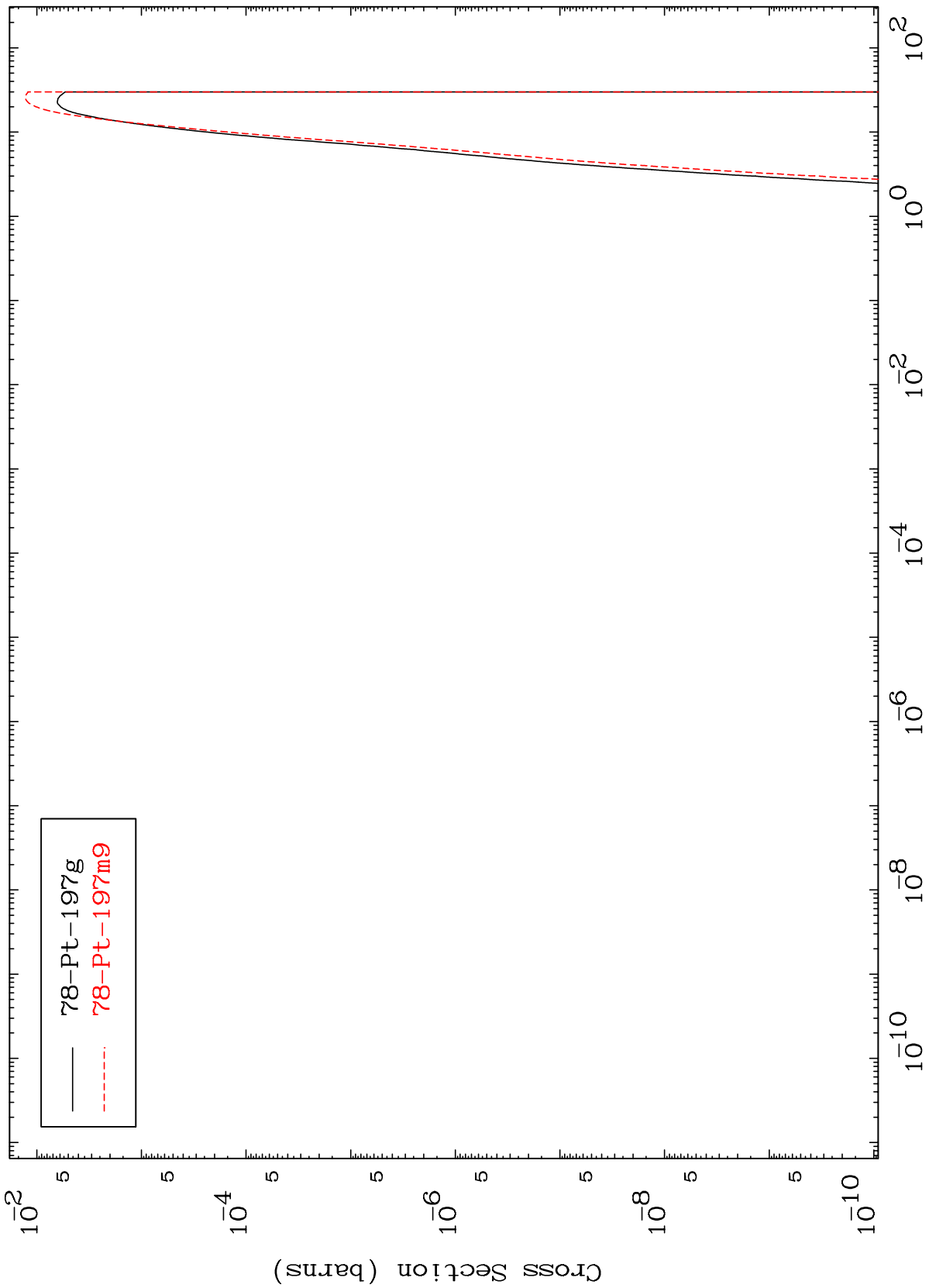


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(n,p)

⁷⁹Au-197

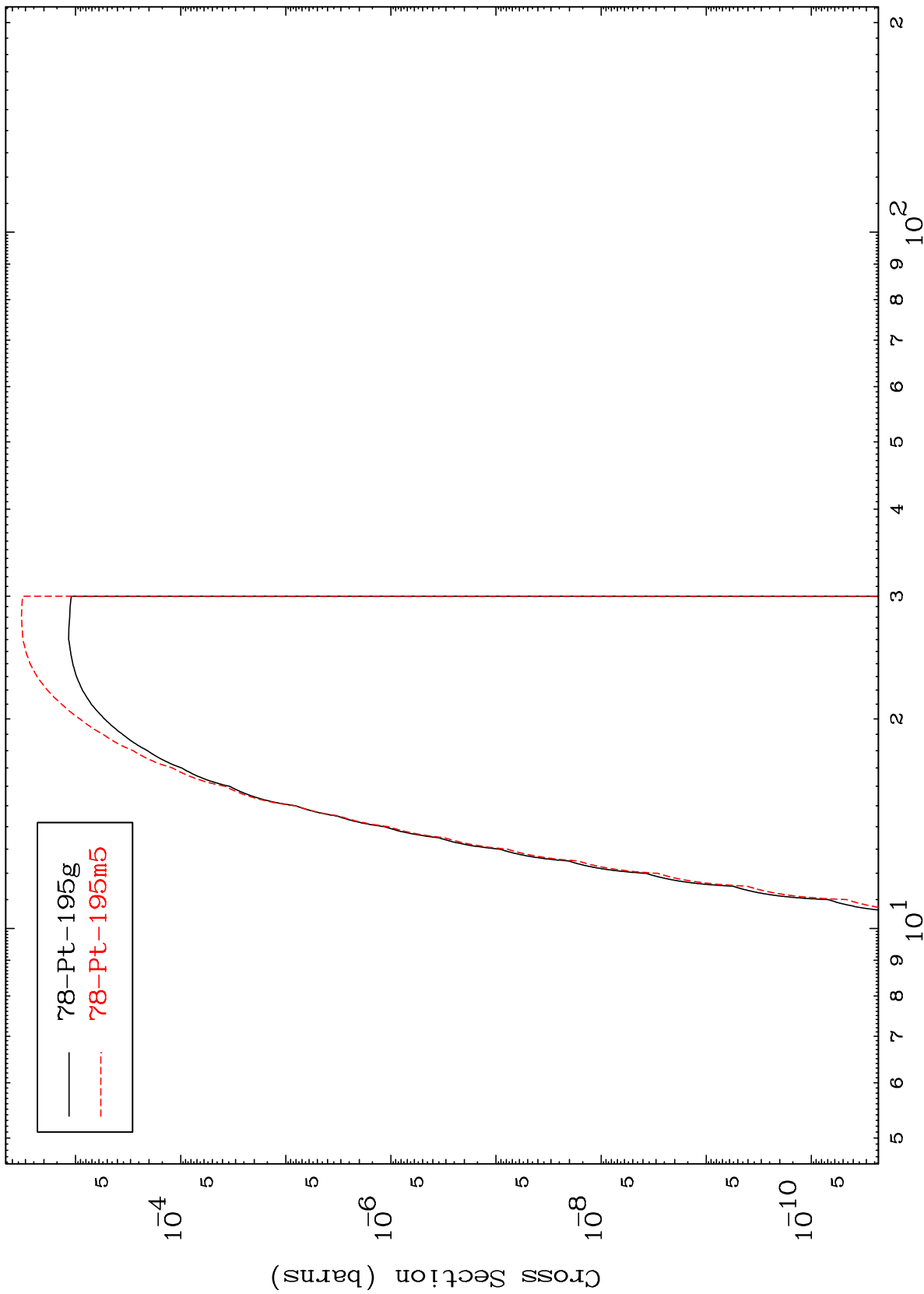
Radionuclide Production Cross Section



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79-Au-197

Radionuclide Production Cross Section



Incident Energy (MeV)

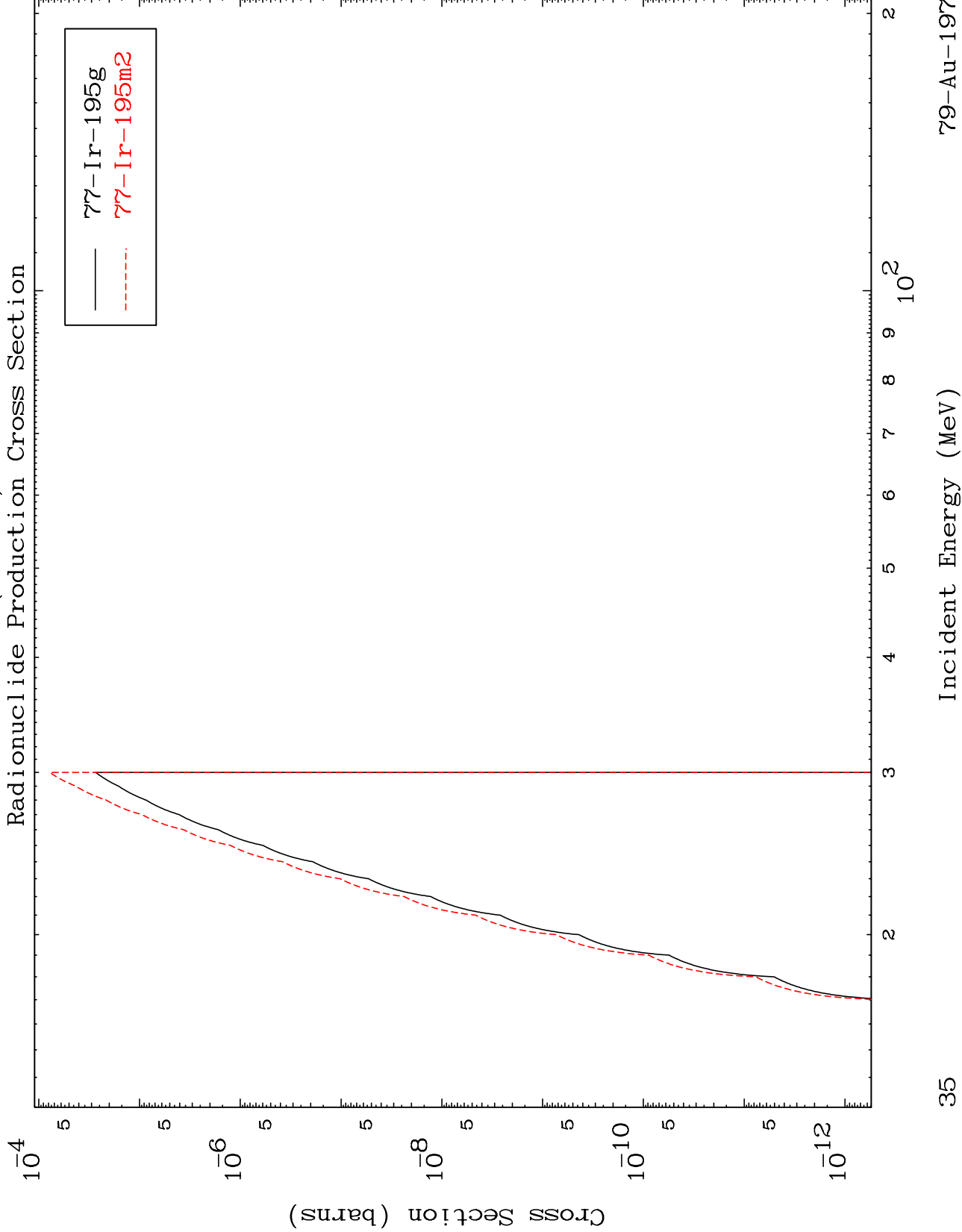
79-Au-197

34

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(n,He-3)

79-Au-197



35

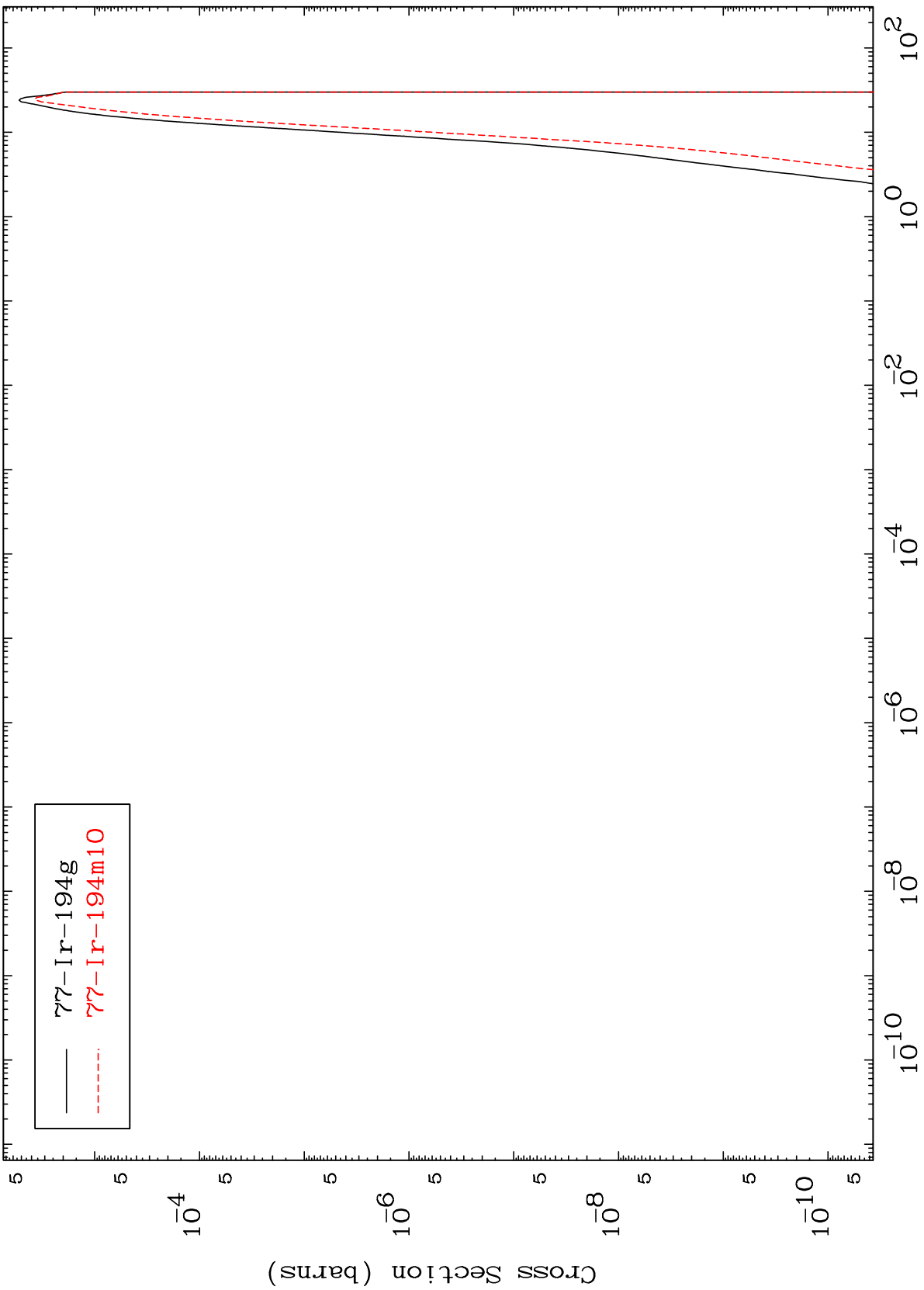
79-Au-197

MAT 7926

(n, α)

⁷⁹Au-197

Radionuclide Production Cross Section



— ⁷⁷Ir-194g
- - - ⁷⁷Ir-194m10

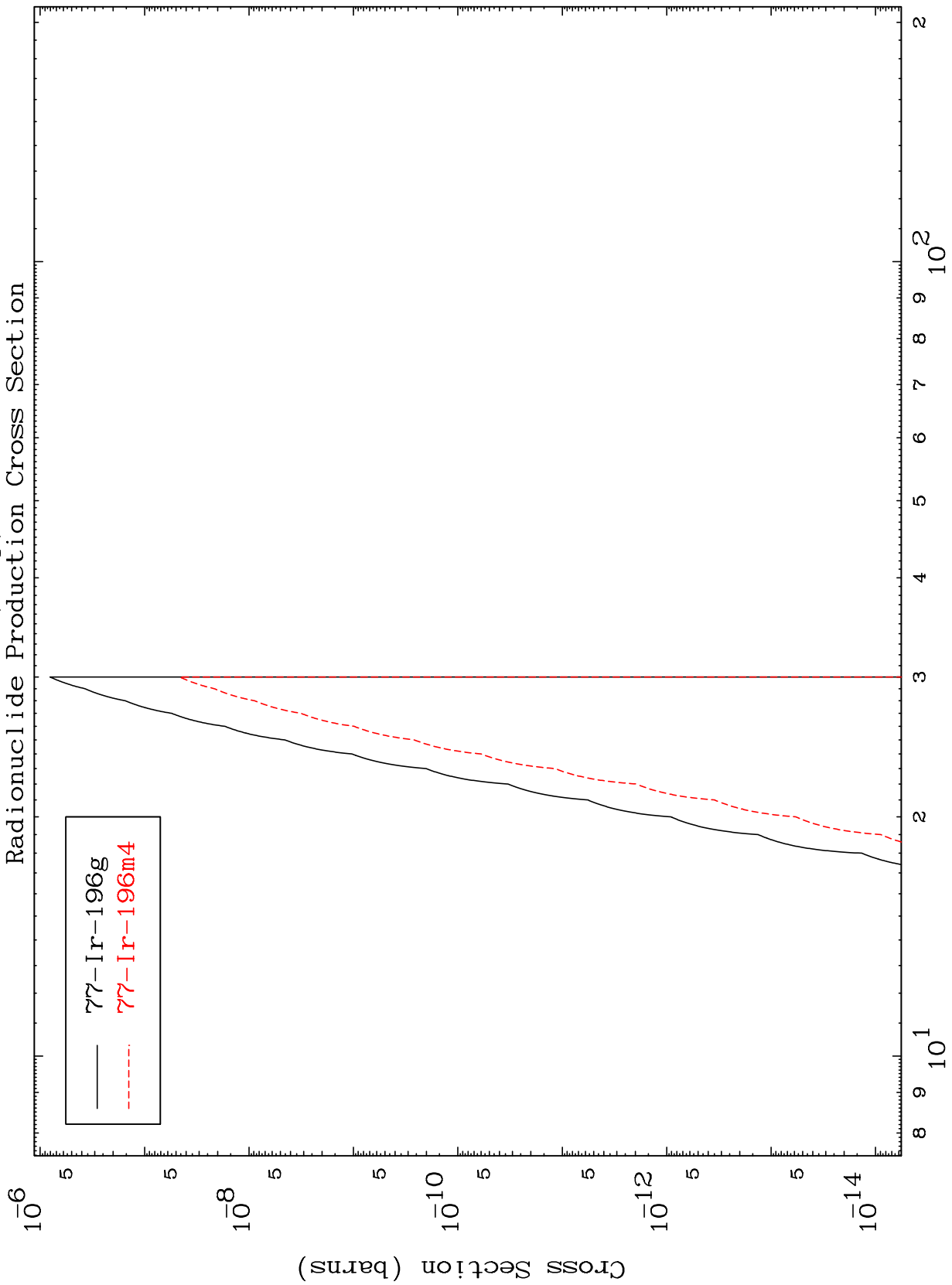
Incident Energy (MeV)

⁷⁹Au-197

MAT 7926

79-Au-197

(n,2p)
Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

79-Au-197

Incident Energy (MeV)

37