

Program EVALPLOT
(Version 2017-1)

by

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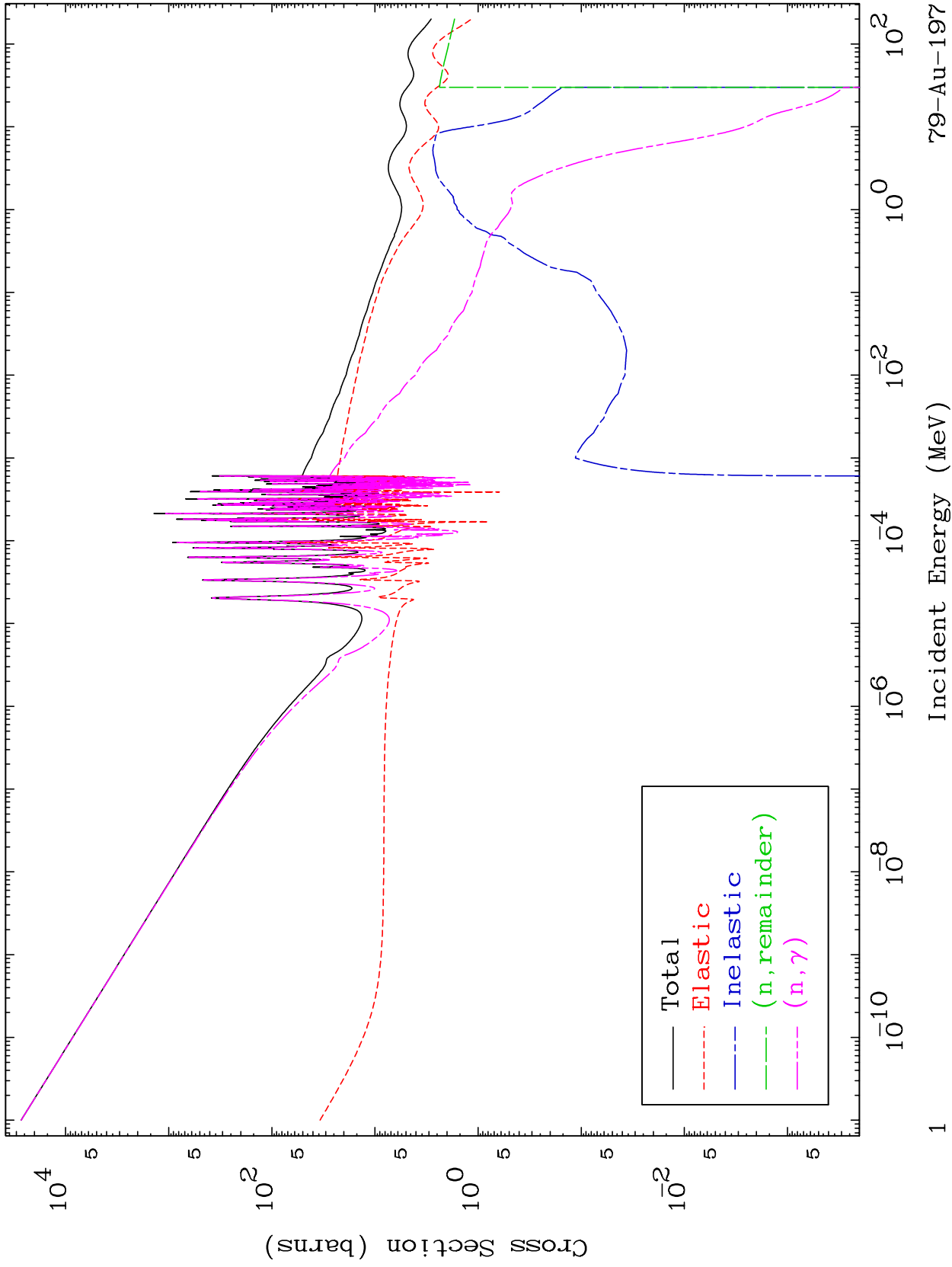
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7926

Major
293 Kelvin Cross Sections

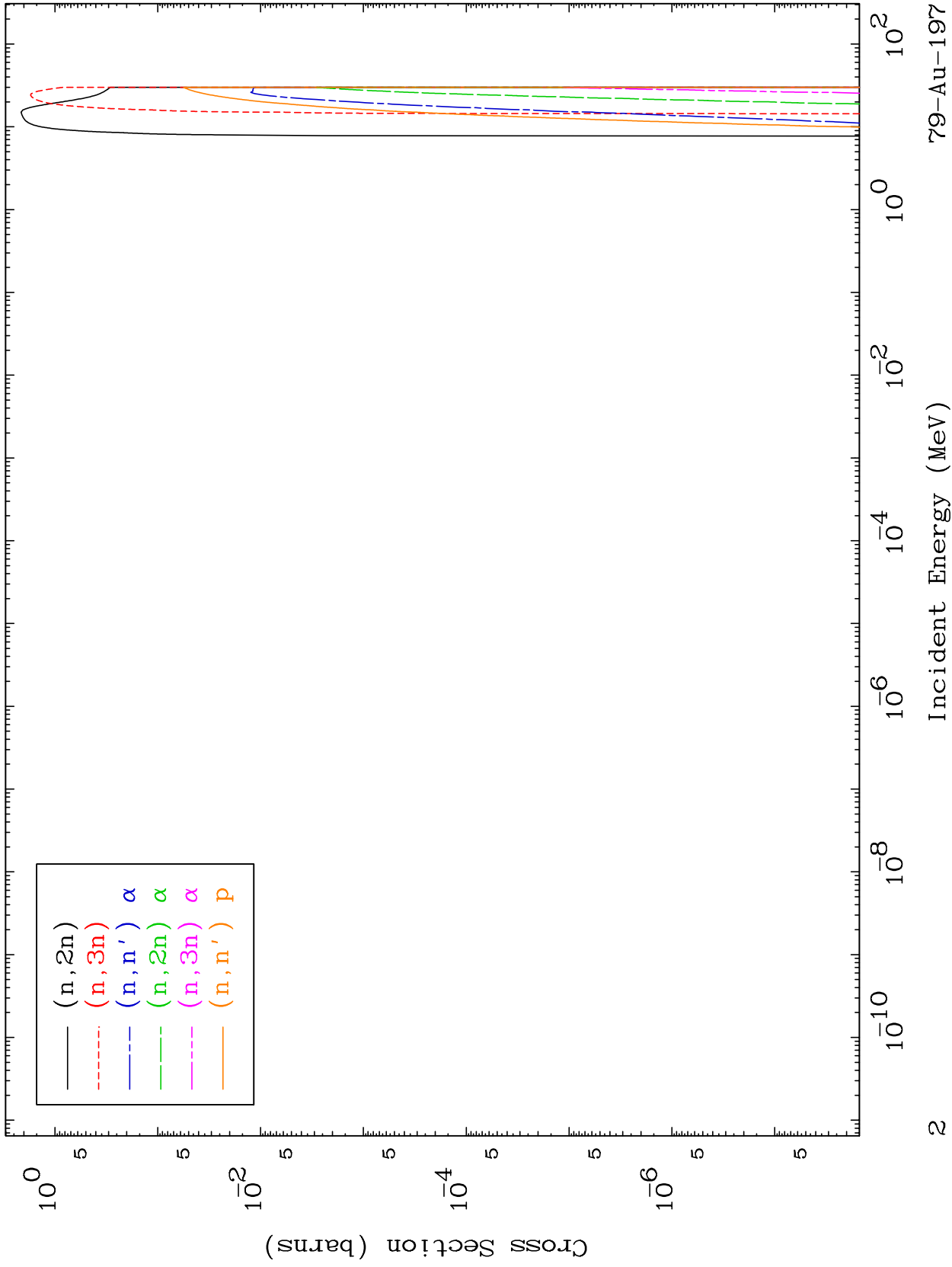
79-Au-197

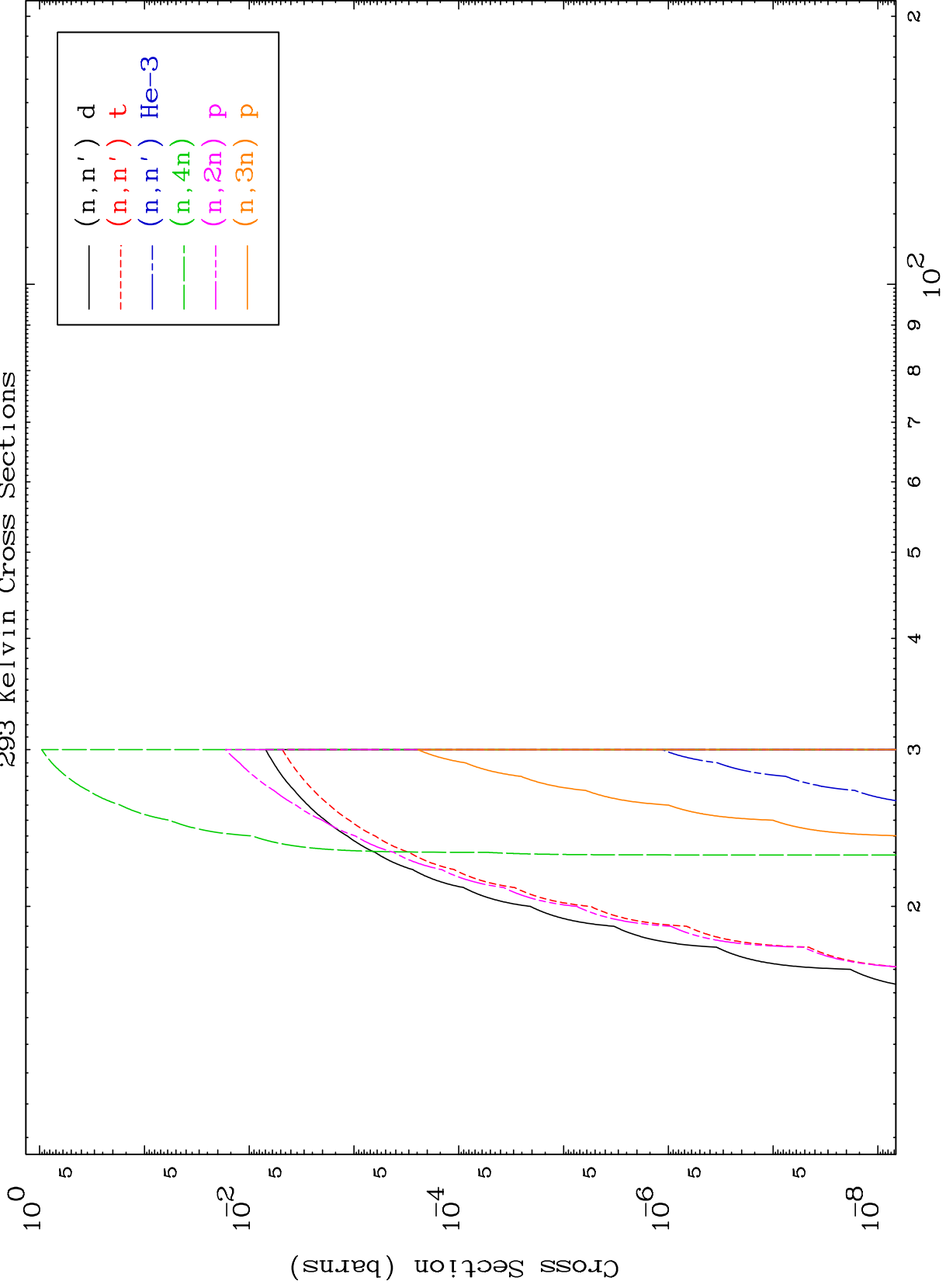


MAT 7926

Neutron Production
293 Kelvin Cross Sections

79-Au-197

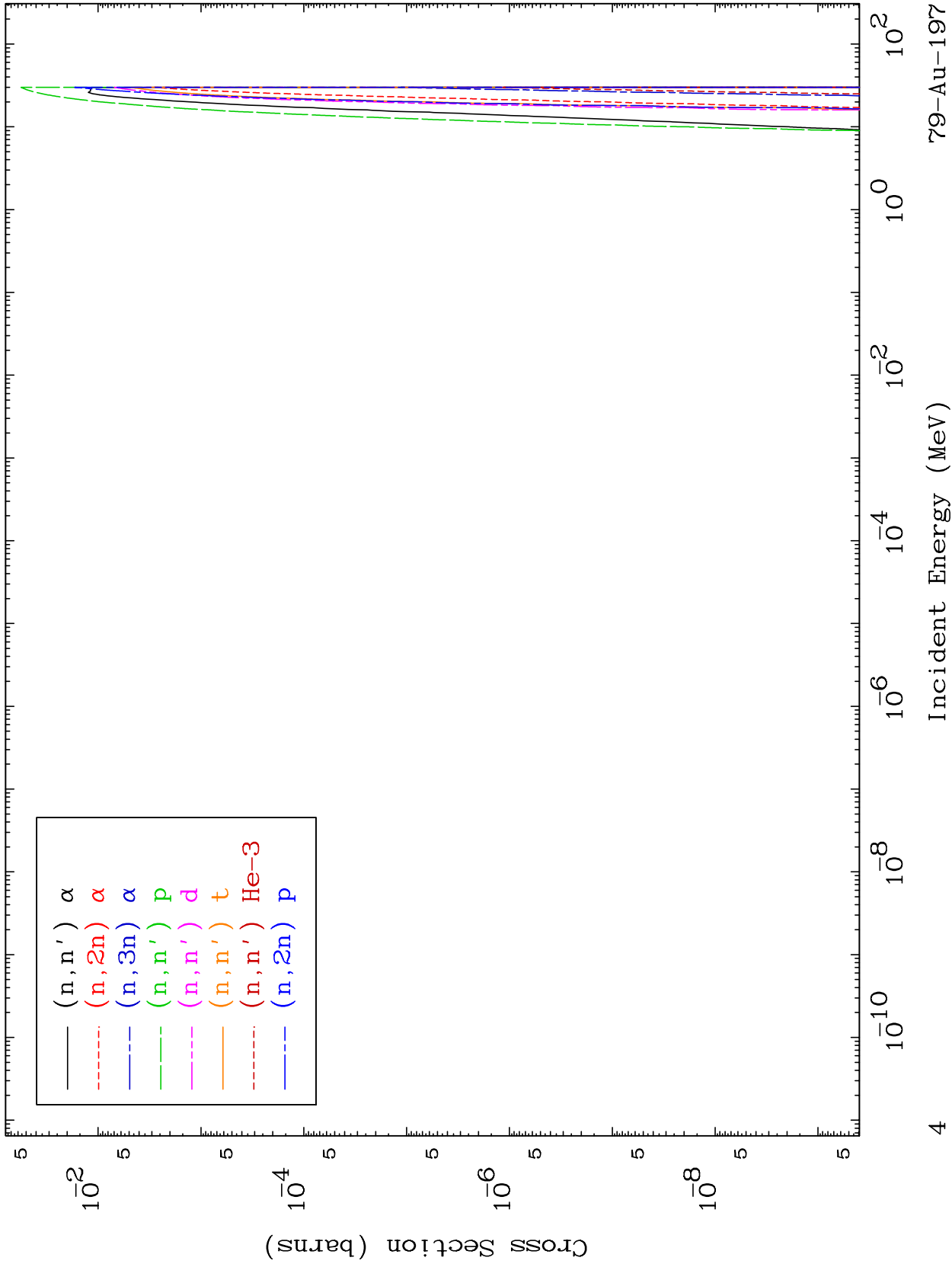




MAT 7926

Charged Particle
293 Kelvin Cross Sections

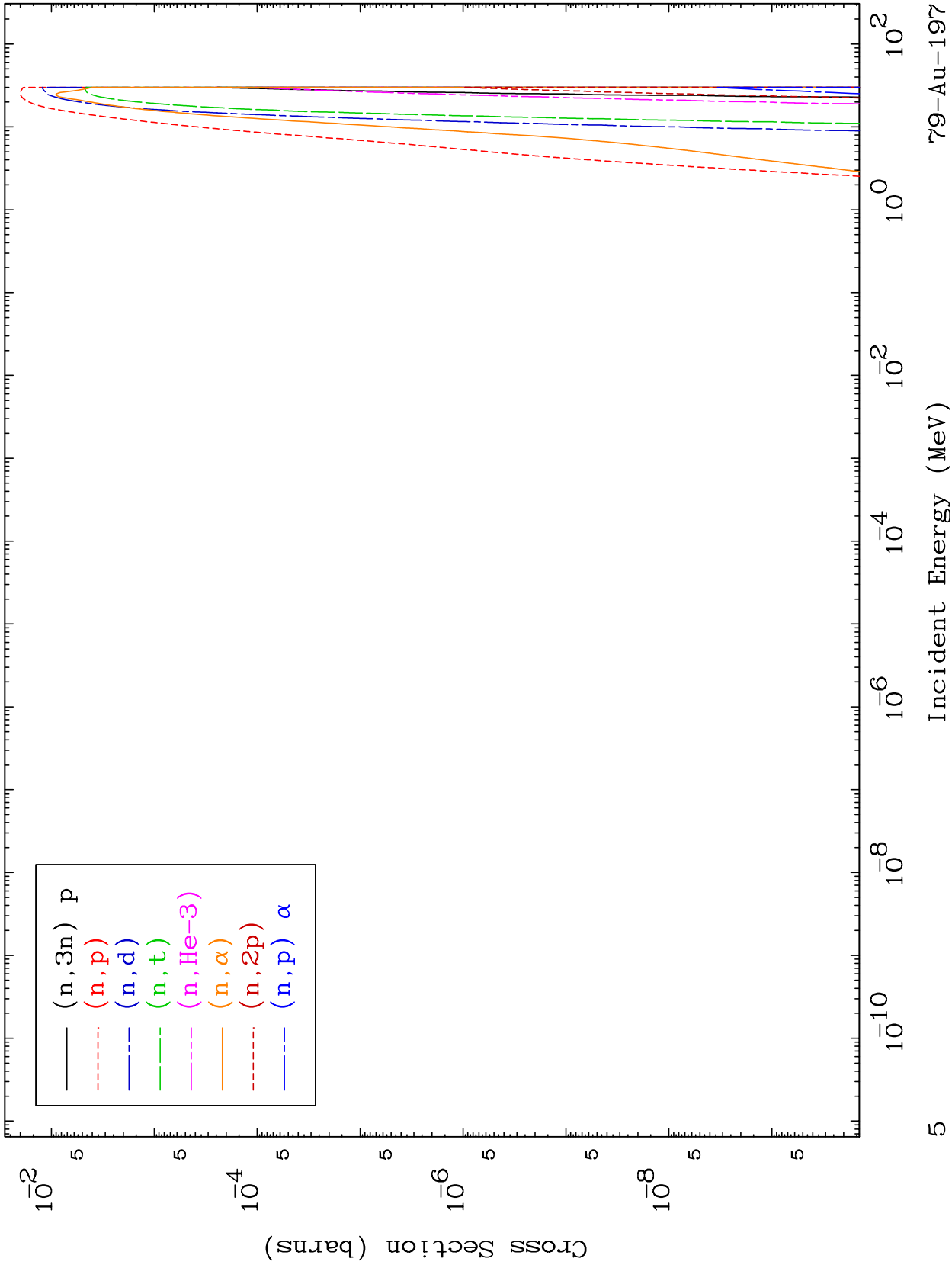
79-Au-197



MAT 7926

Charged Particle
293 Kelvin Cross Sections

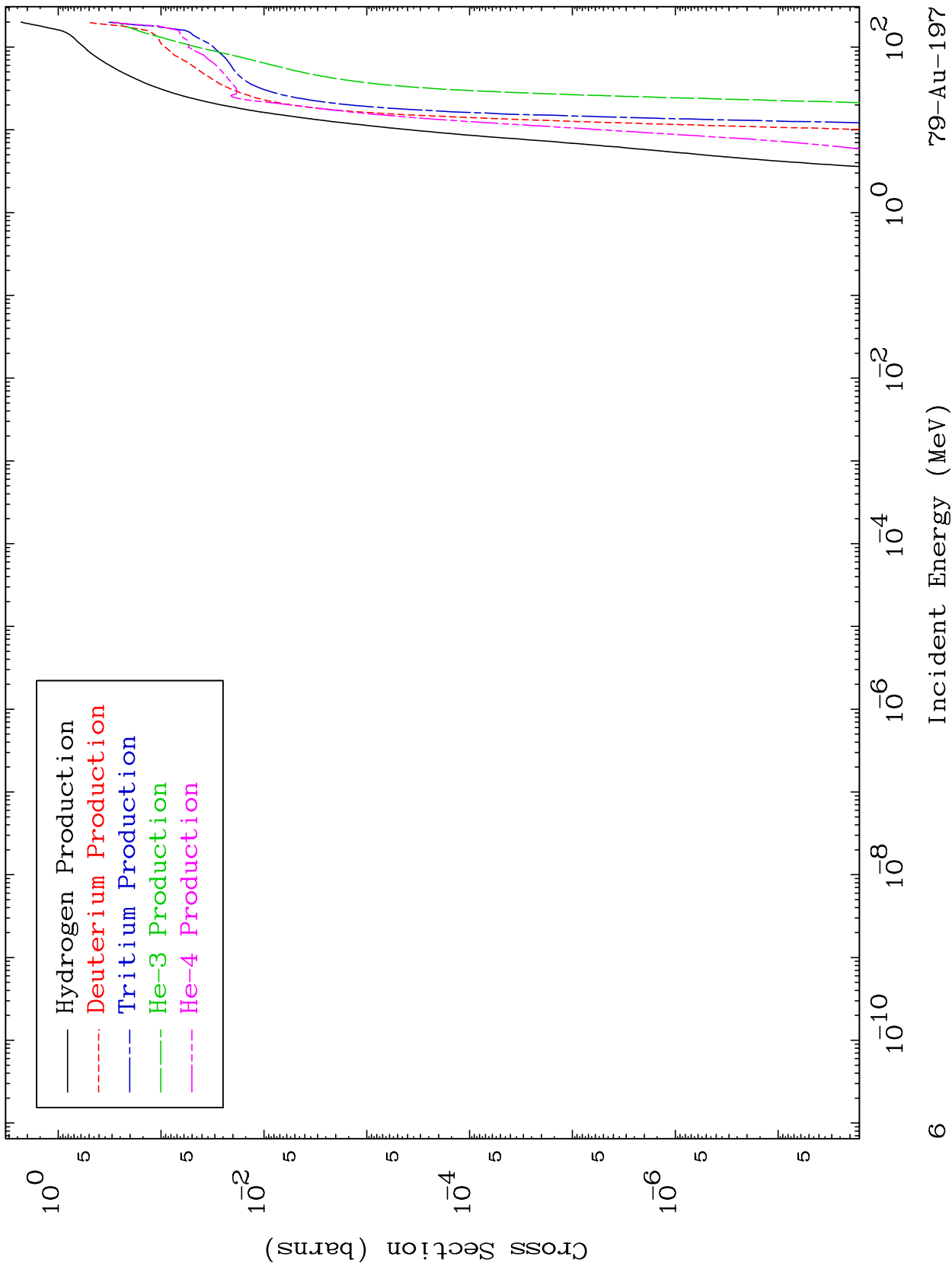
79-Au-197



MAT 7926

Particle Production
293 Kelvin Cross Sections

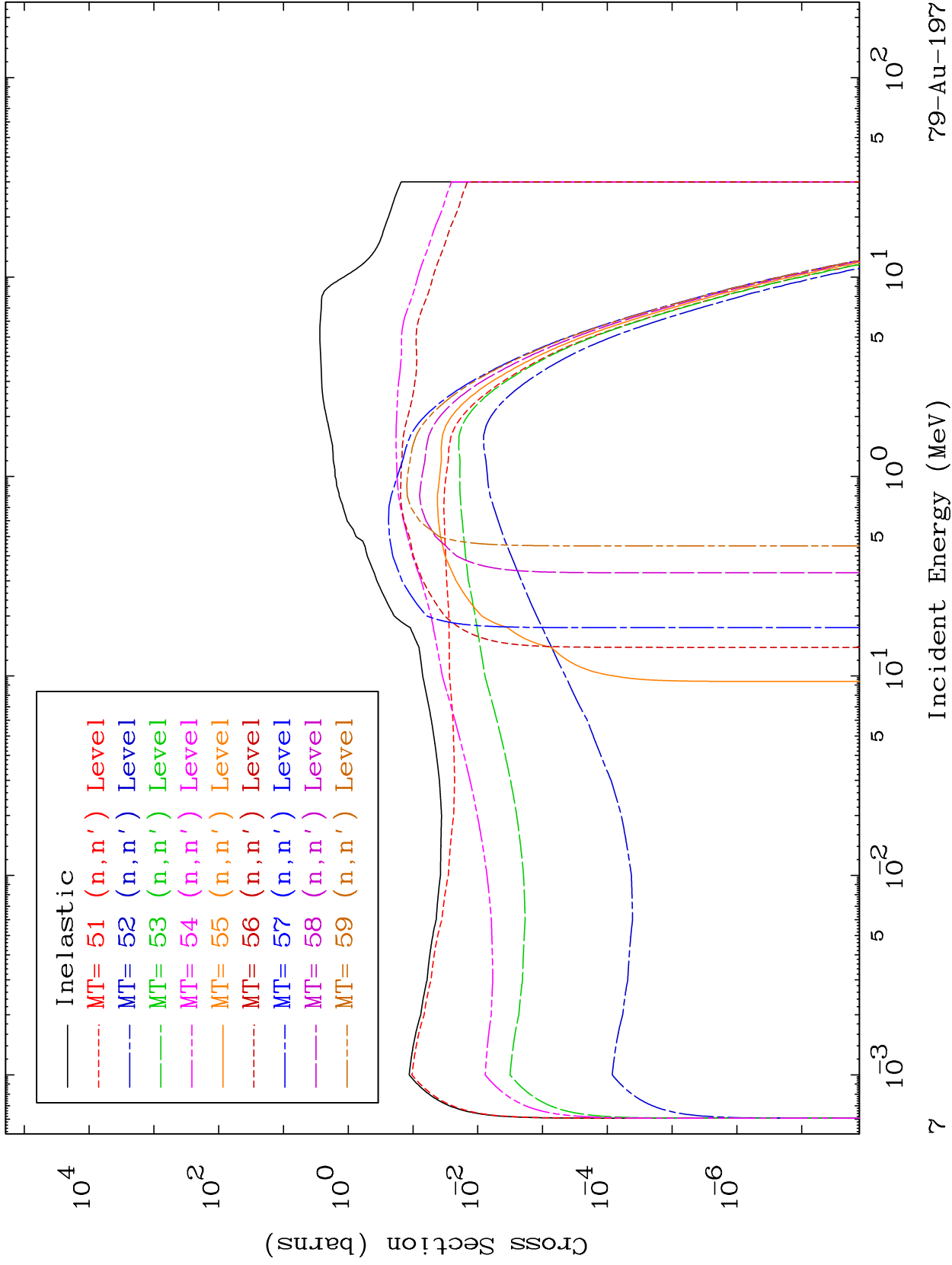
79-Au-197



MAT 7926

(n,n') Level
293 Kelvin Cross Sections

79-Au-197

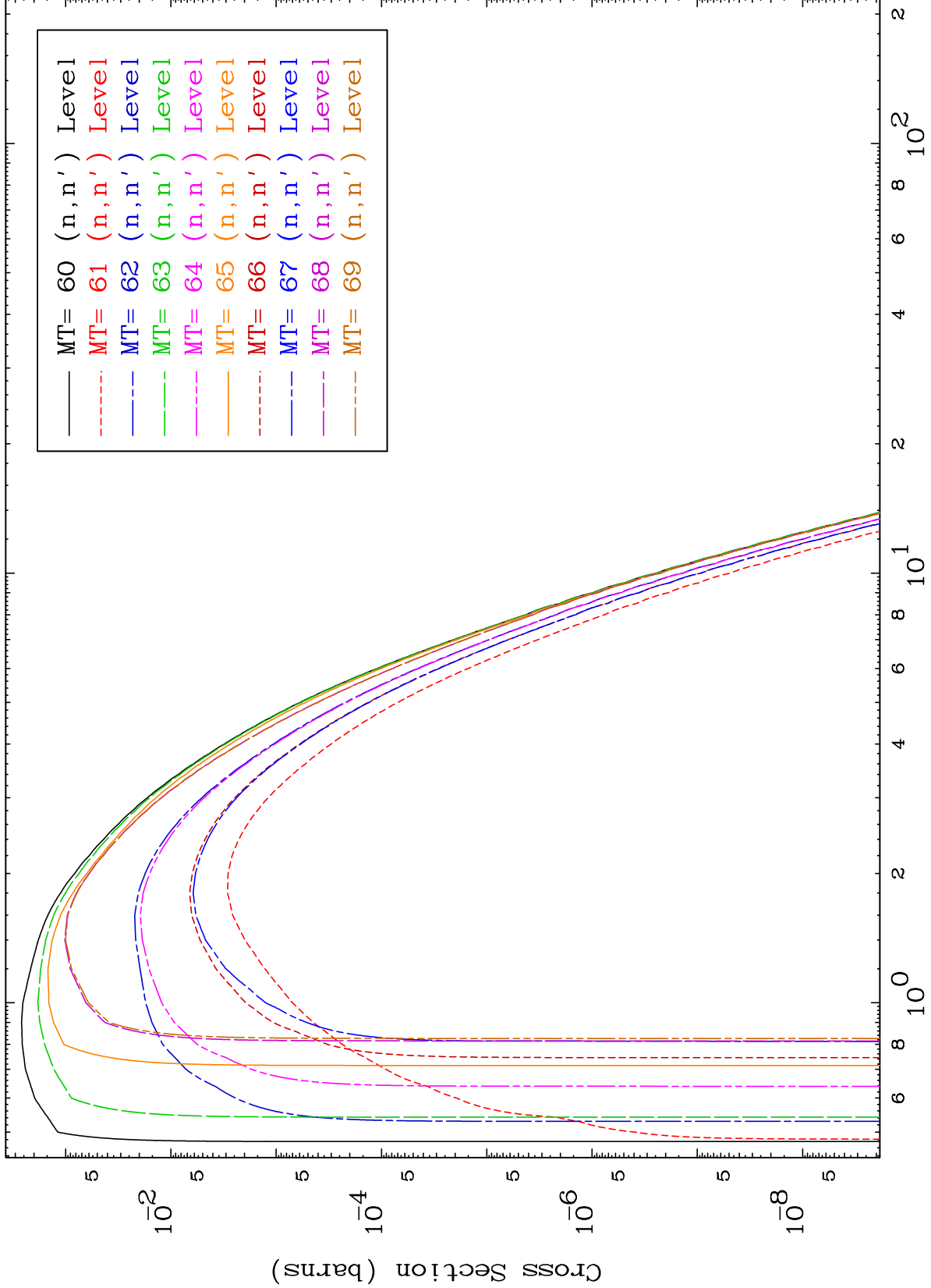


MAT 7926

(n,n') Level

79-Au-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

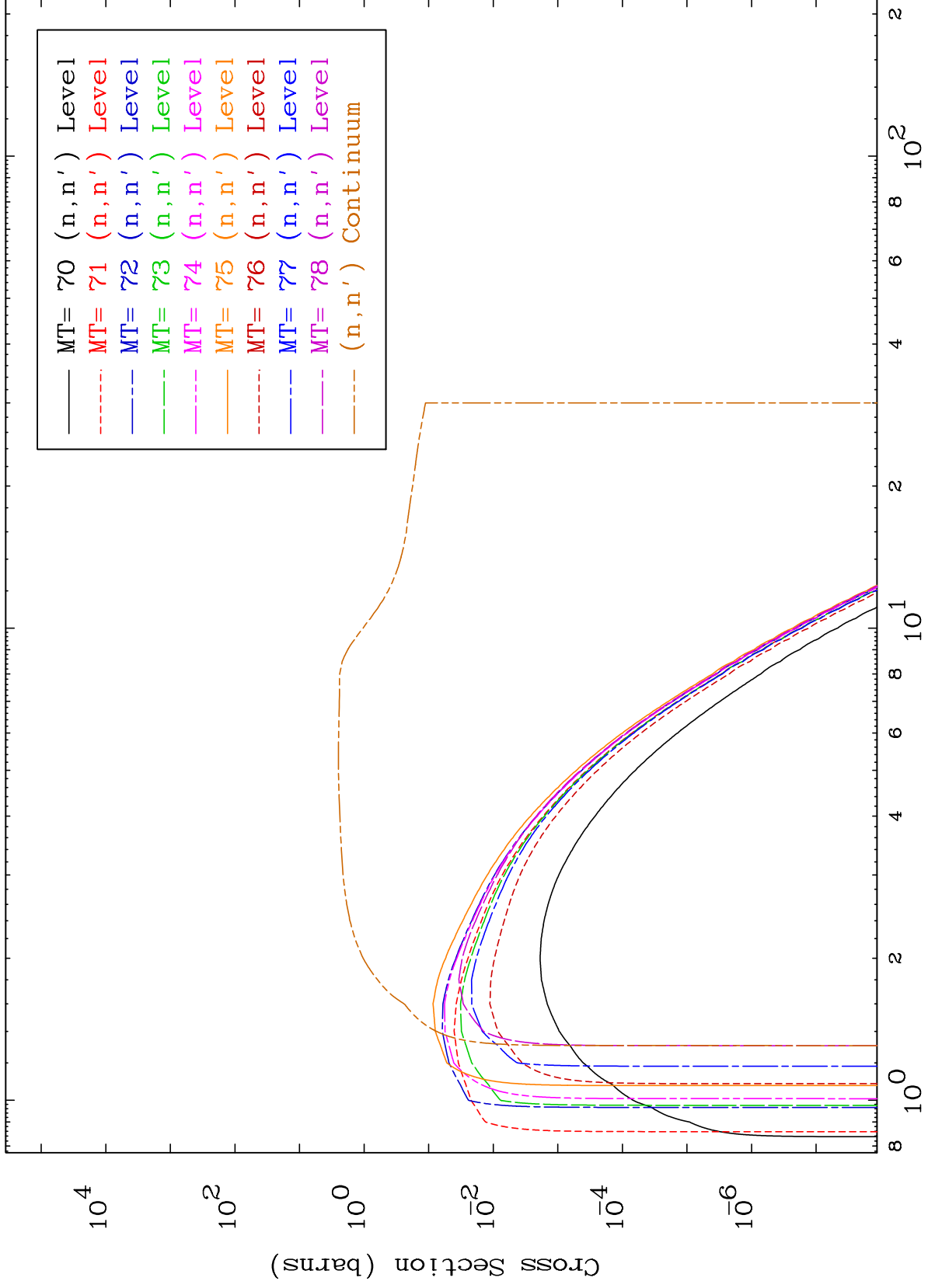
79-Au-197

MAT 7926

(n,n') Level

79-Au-197

293 Kelvin Cross Sections



Incident Energy (MeV)

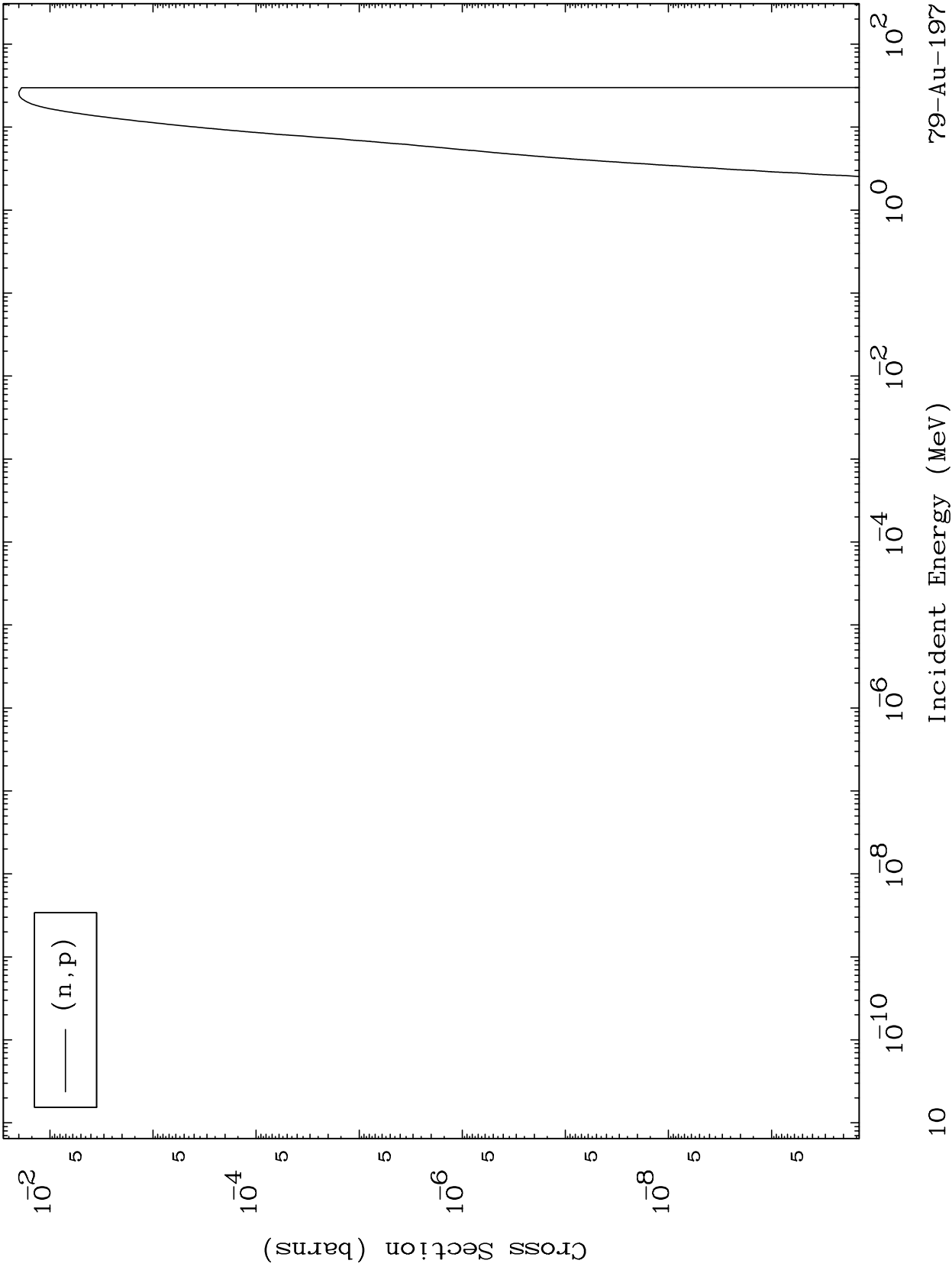
79-Au-197

9

MAT 7926

(n,p) Levels
293 Kelvin Cross Sections

79-Au-197



10

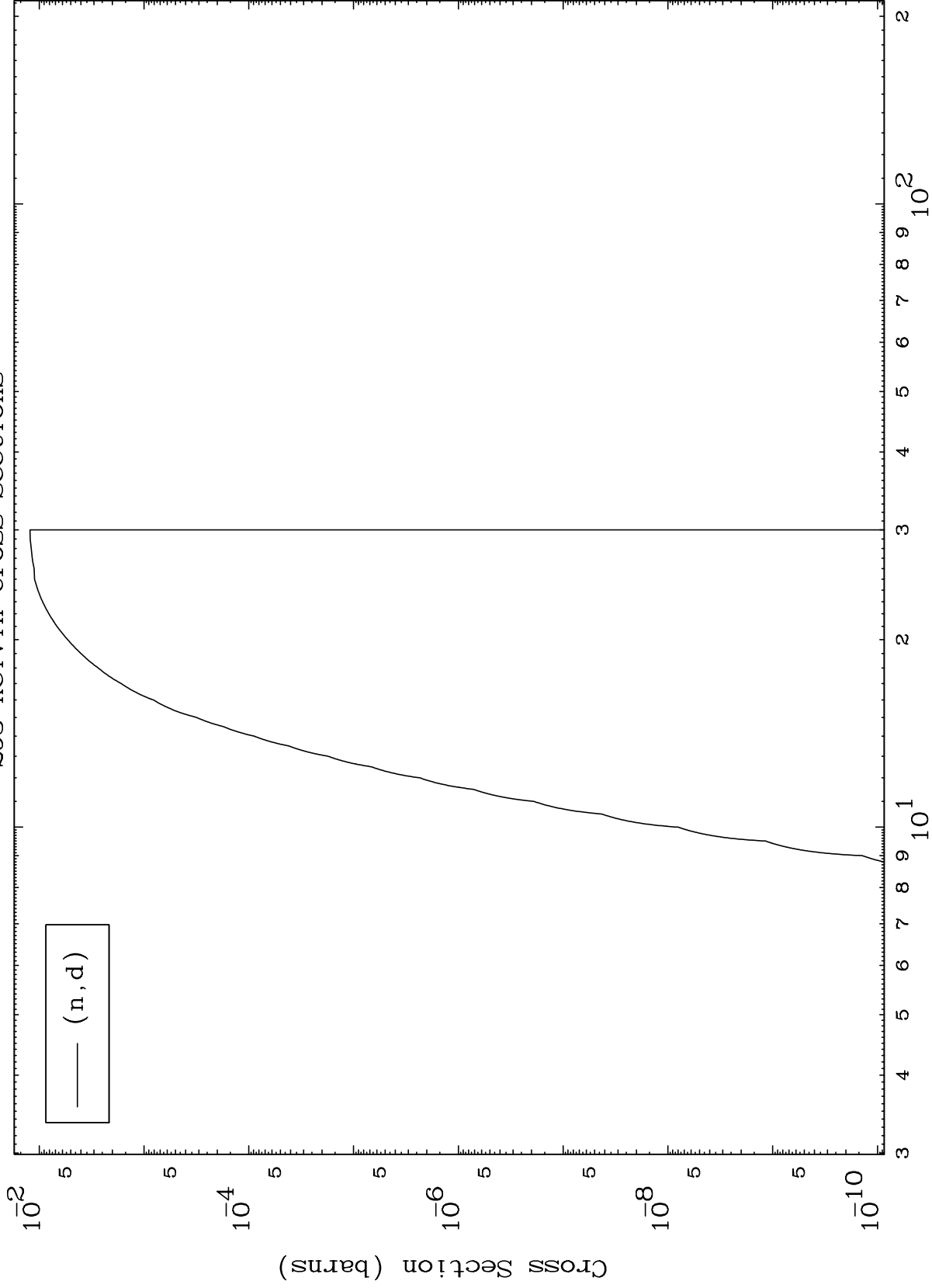
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,d) Levels
293 Kelvin Cross Sections

79-Au-197



11

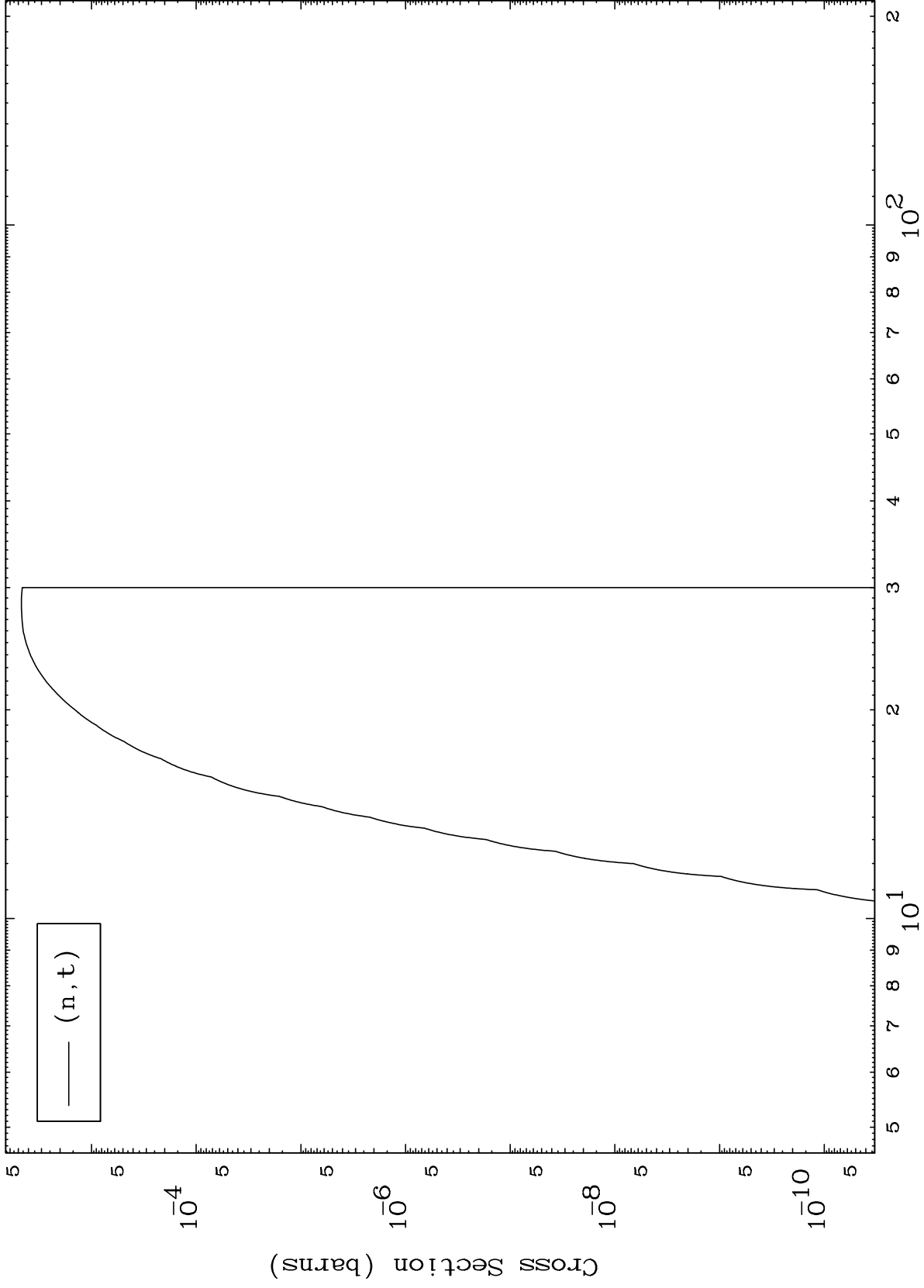
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,t) Levels
293 Kelvin Cross Sections

79-Au-197



12

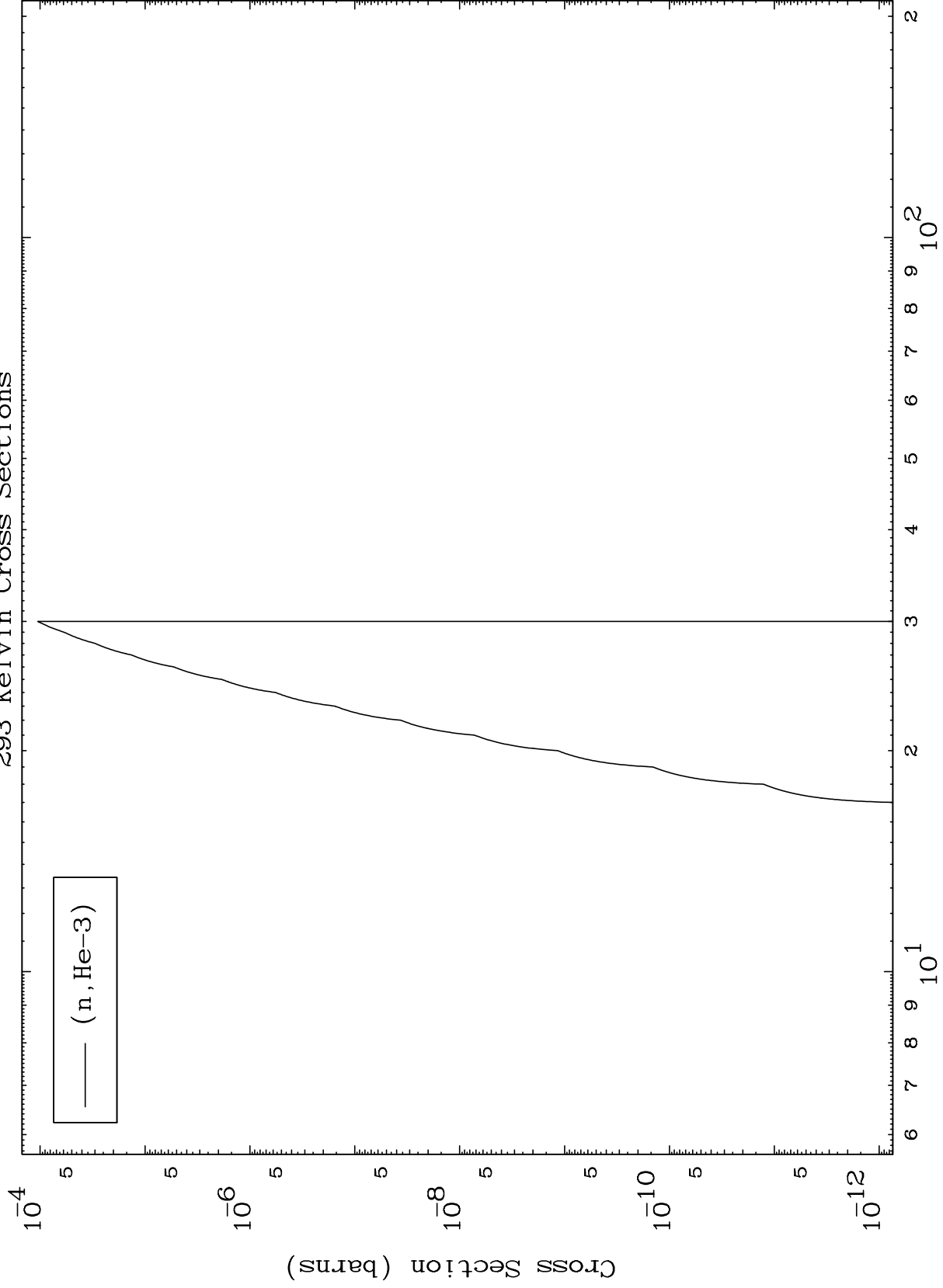
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-197



13

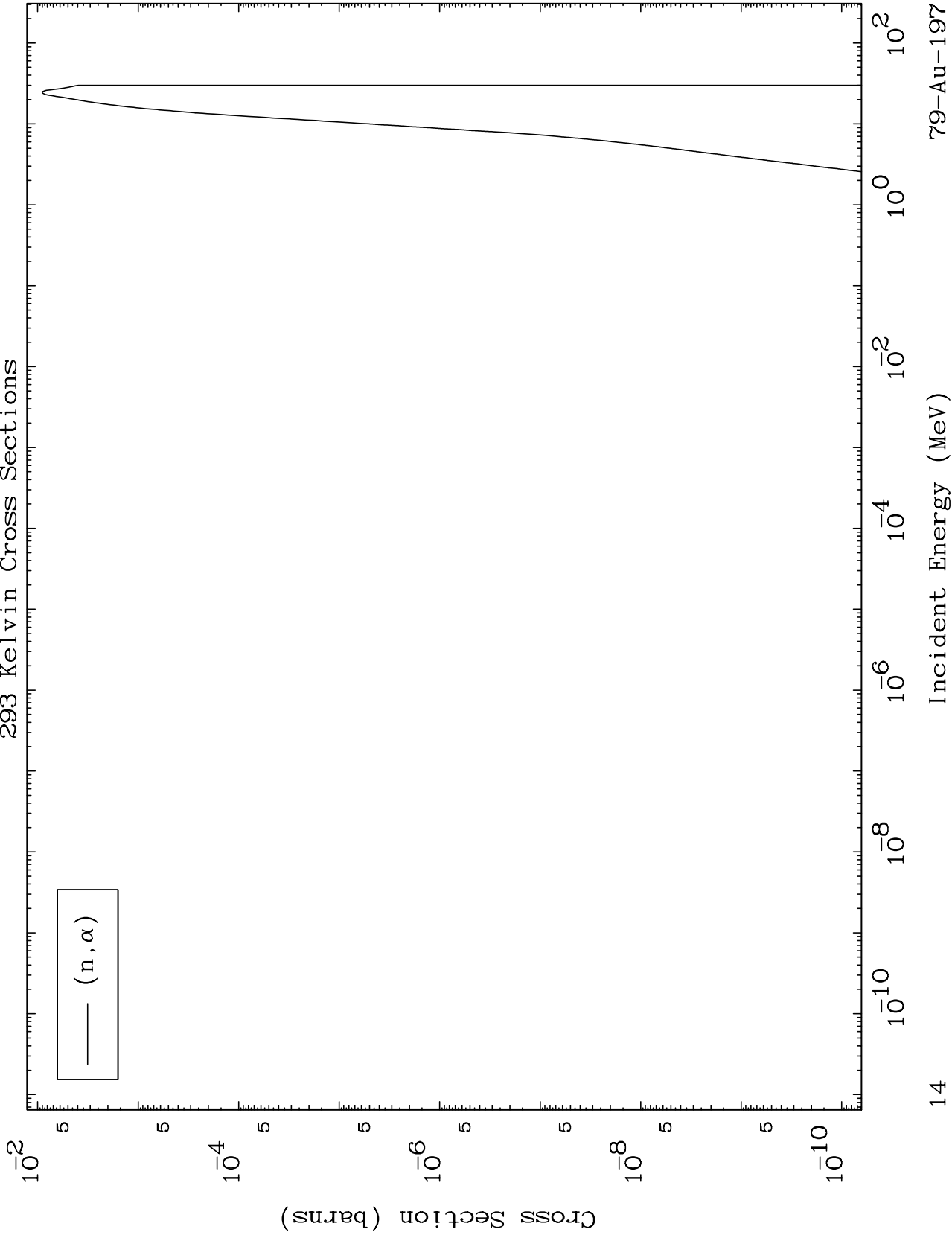
Incident Energy (MeV)

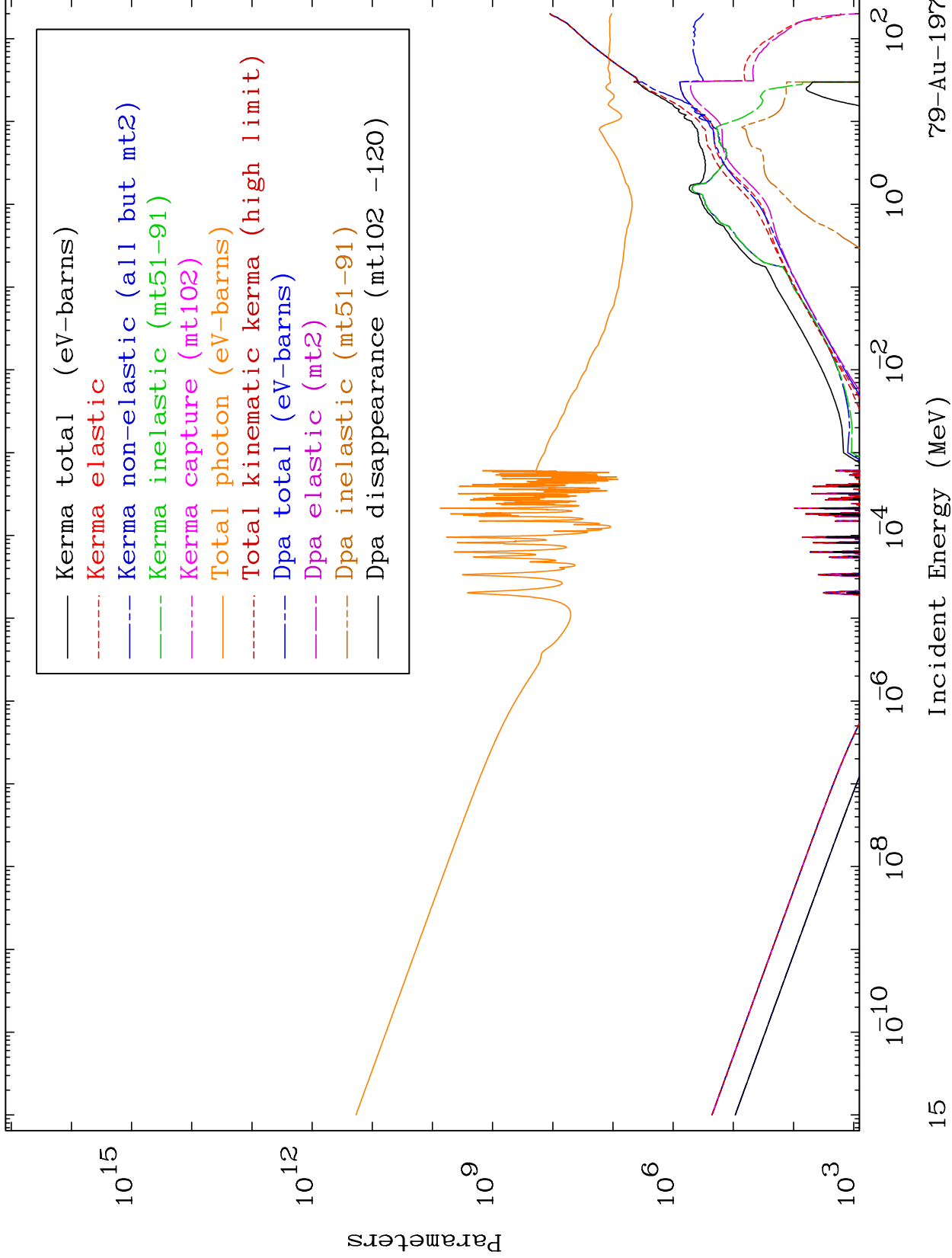
79-Au-197

MAT 7926

(n, α) Levels
293 Kelvin Cross Sections

79-Au-197

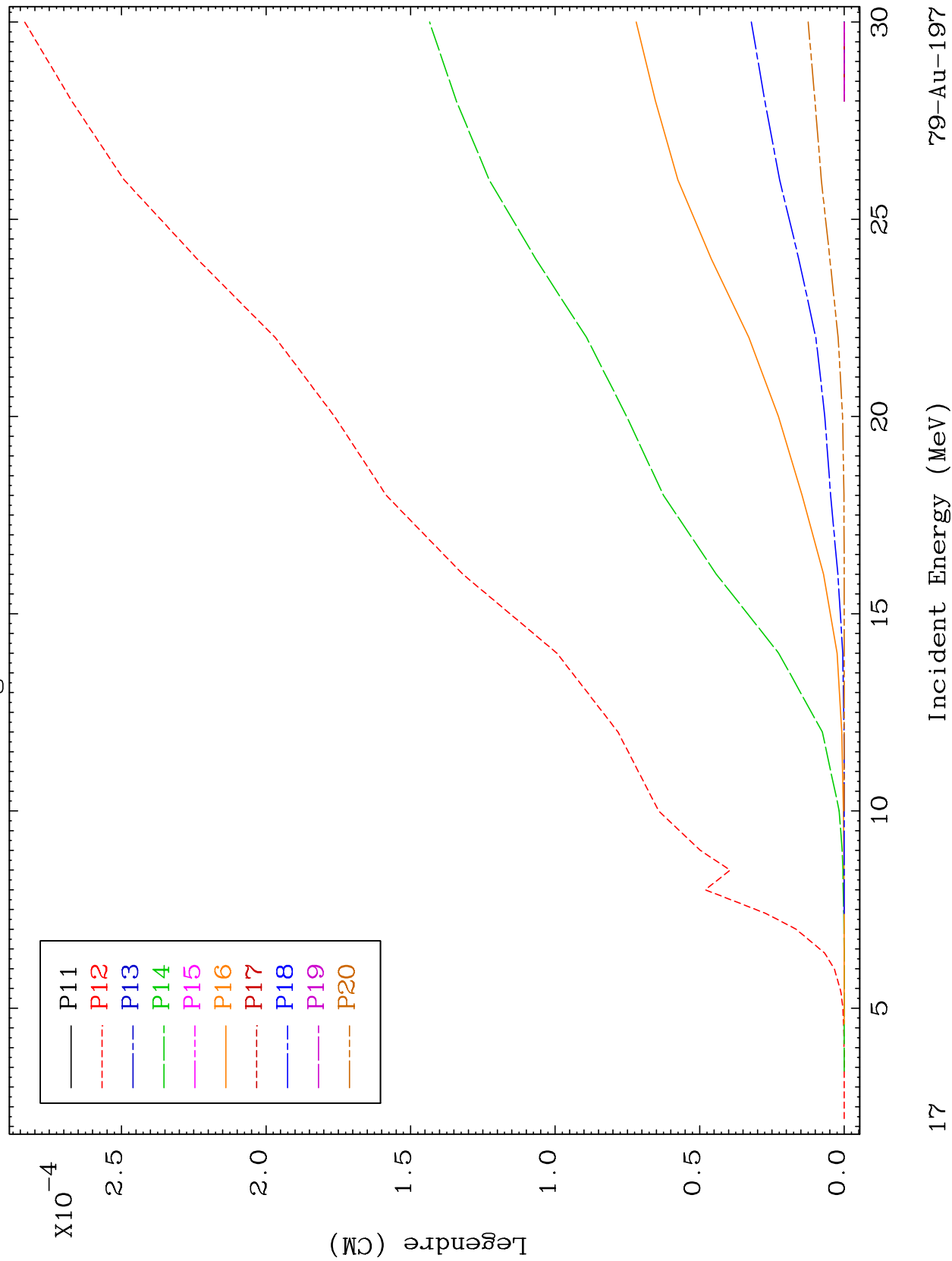




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Elastic Legendre Coefficients

79-Au-197



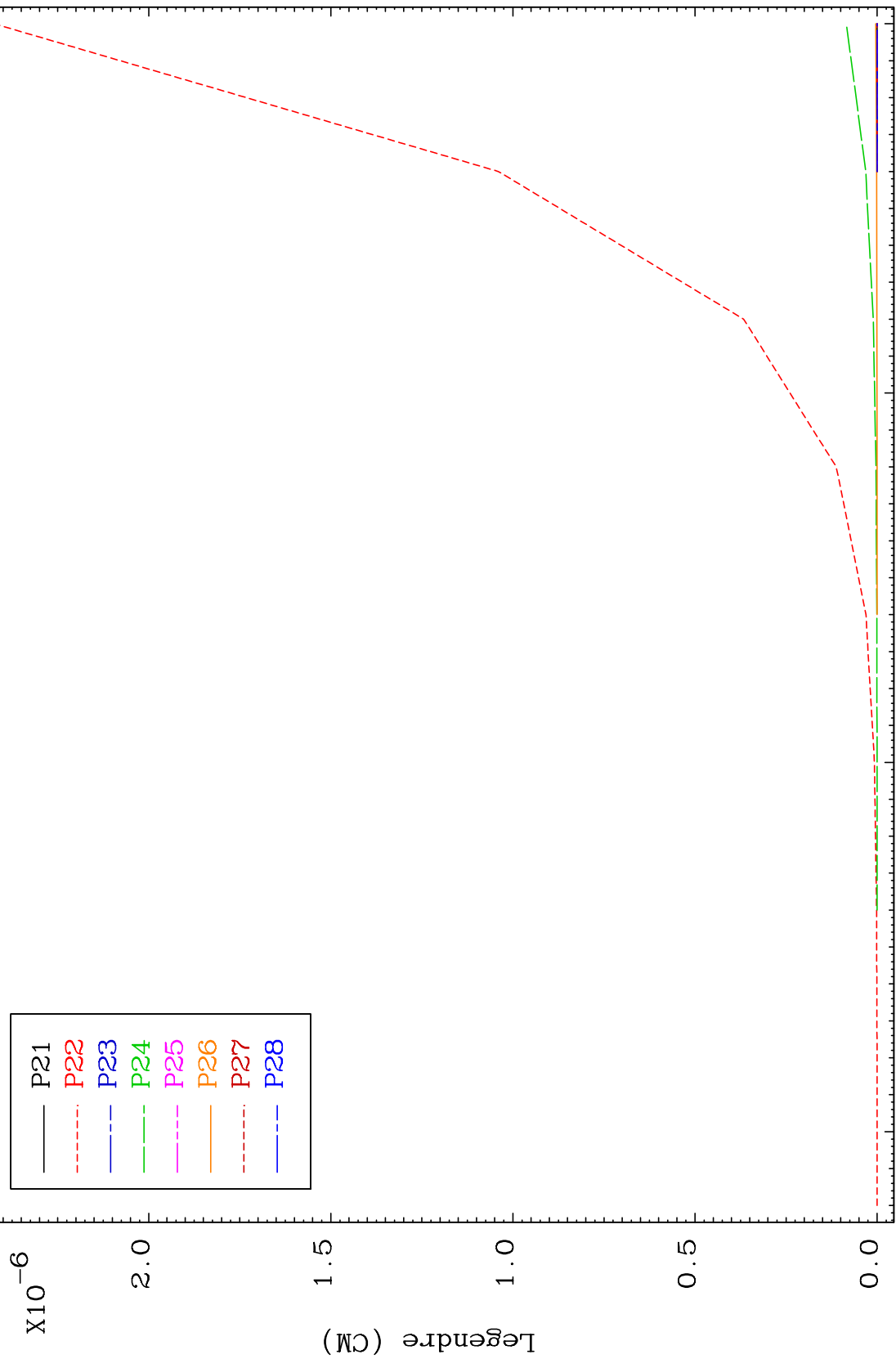
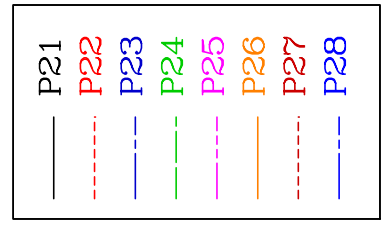
17

79-Au-197

MAT 7926

Elastic Legendre Coefficients

79-Au-197



18

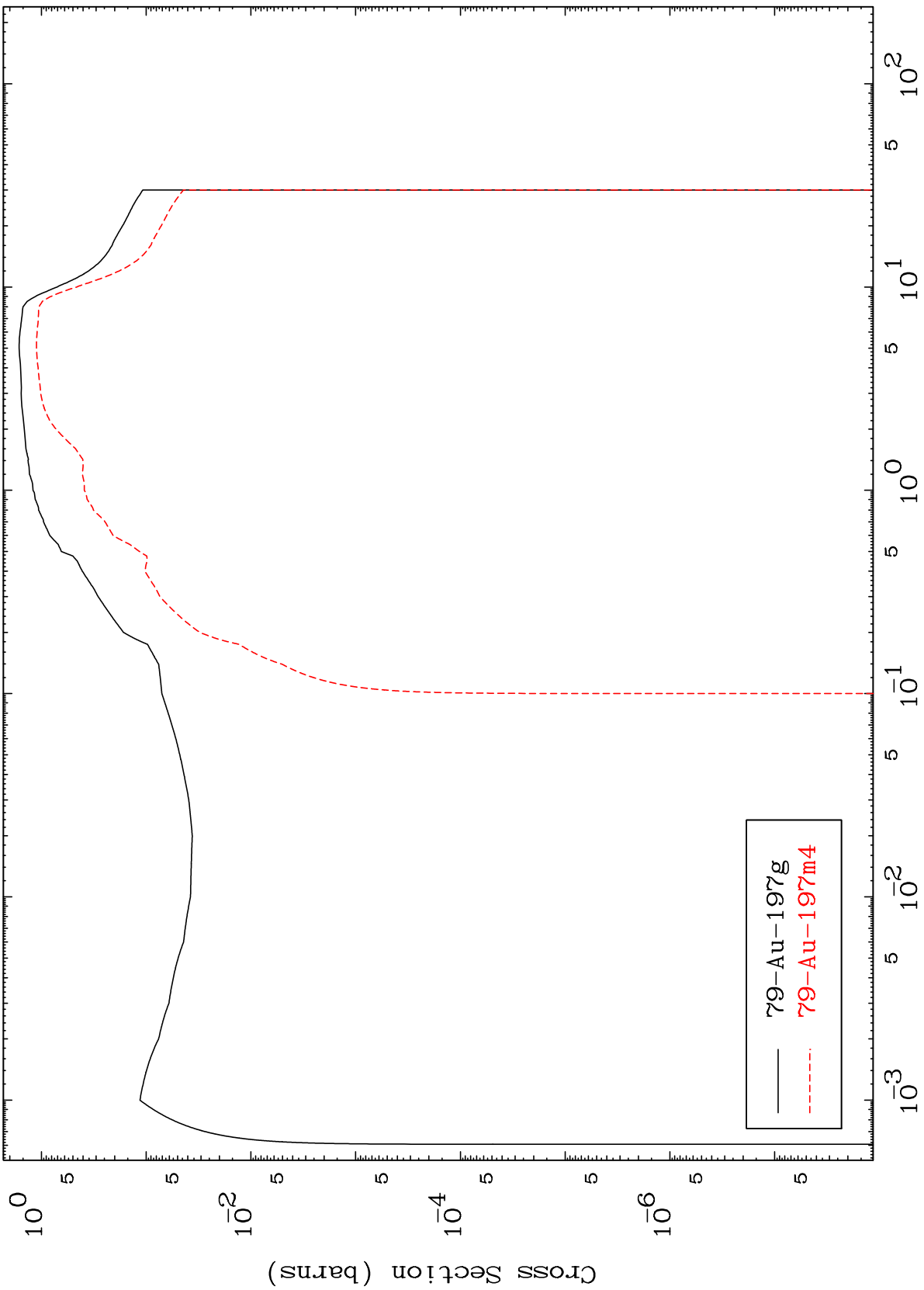
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

Inelastic
Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

Incident Energy (MeV)

79-Au-197

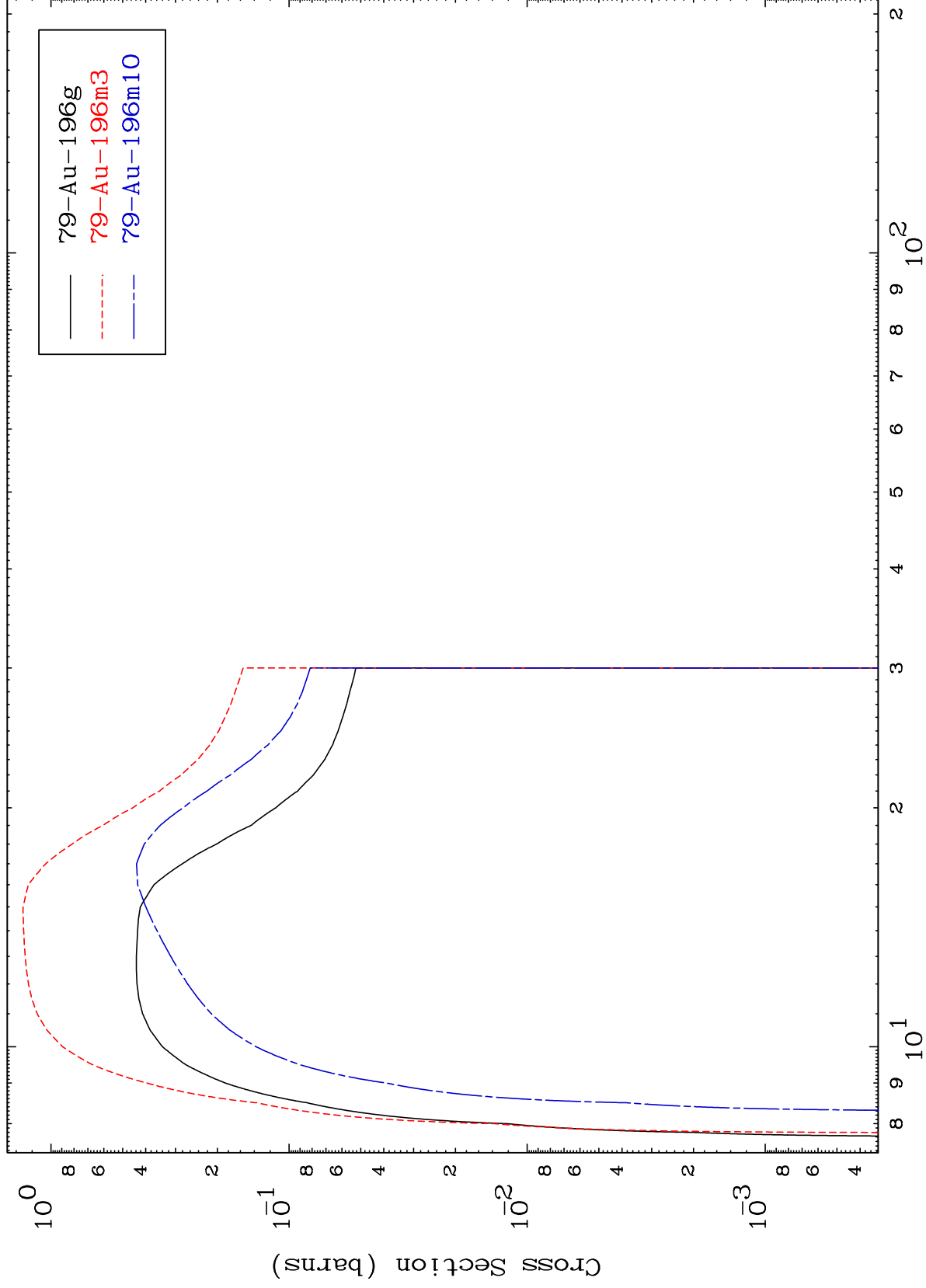
19

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(n,2n)

79-Au-197

Radionuclide Production Cross Section



Incident Energy (MeV)

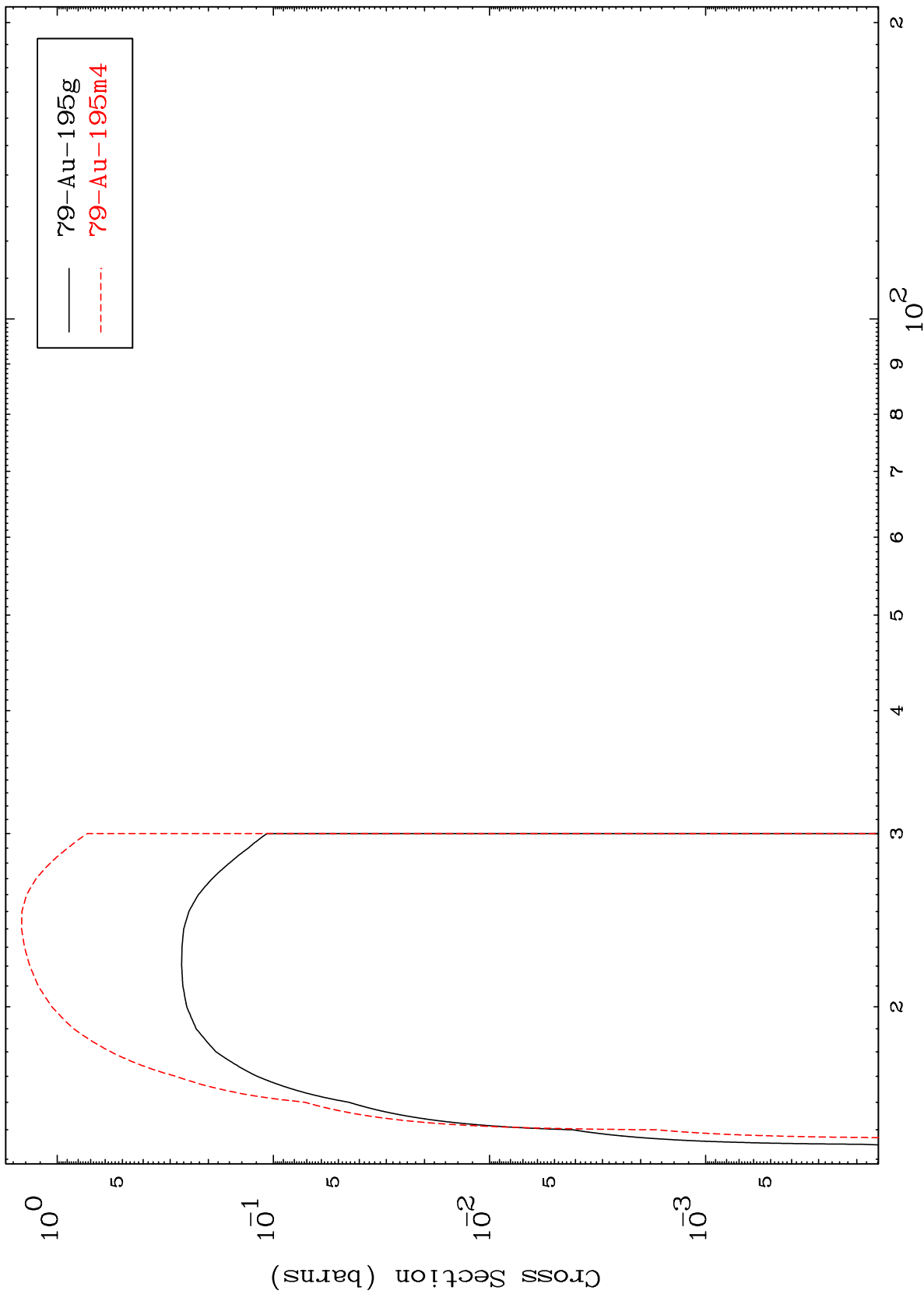
79-Au-197

20

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79-Au-197

(n,3n)
Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

21

79-Au-197

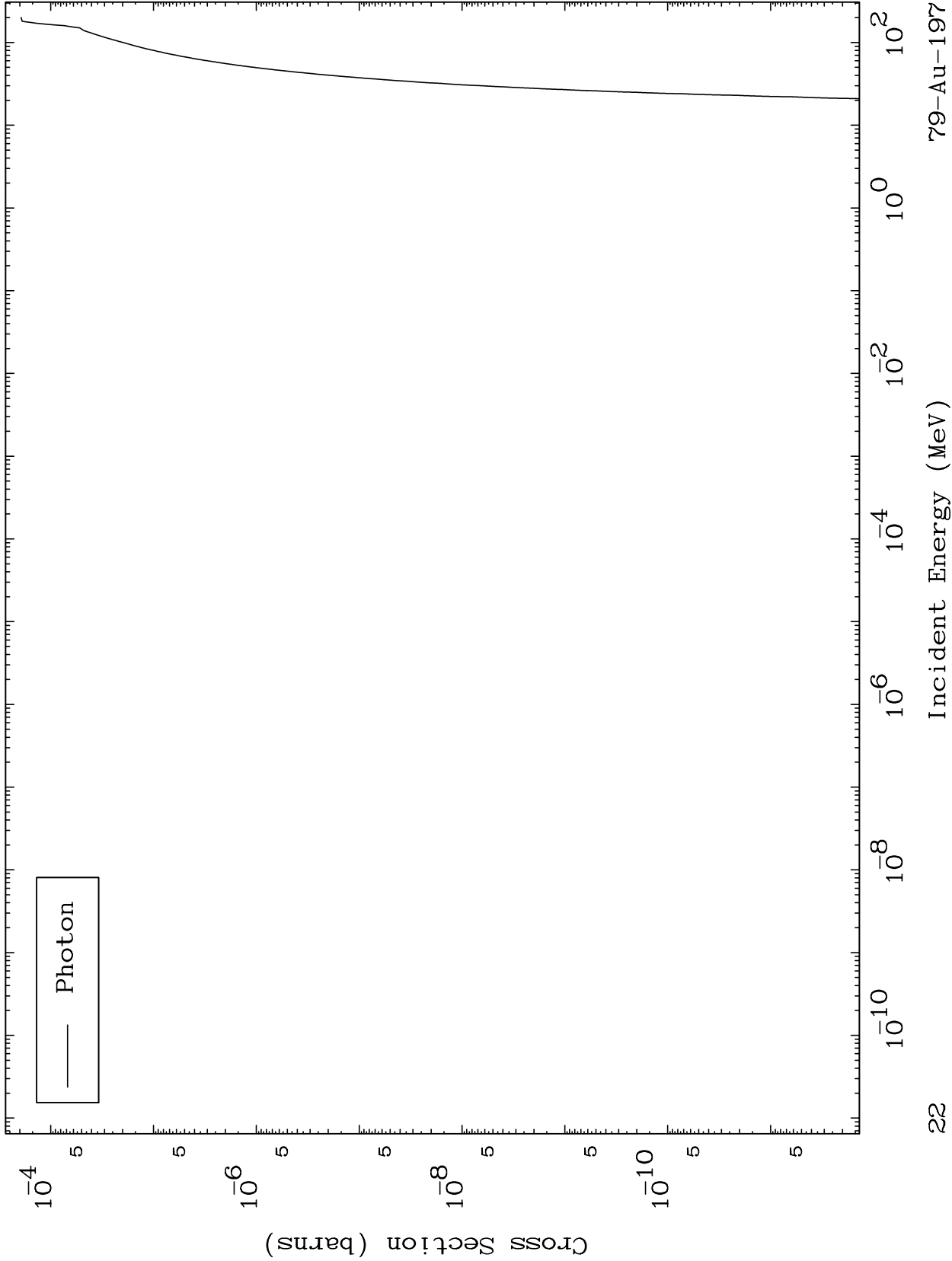
Incident Energy (MeV)

MAT 7926

Fission

79-Au-197

Radionuclide Production Cross Section

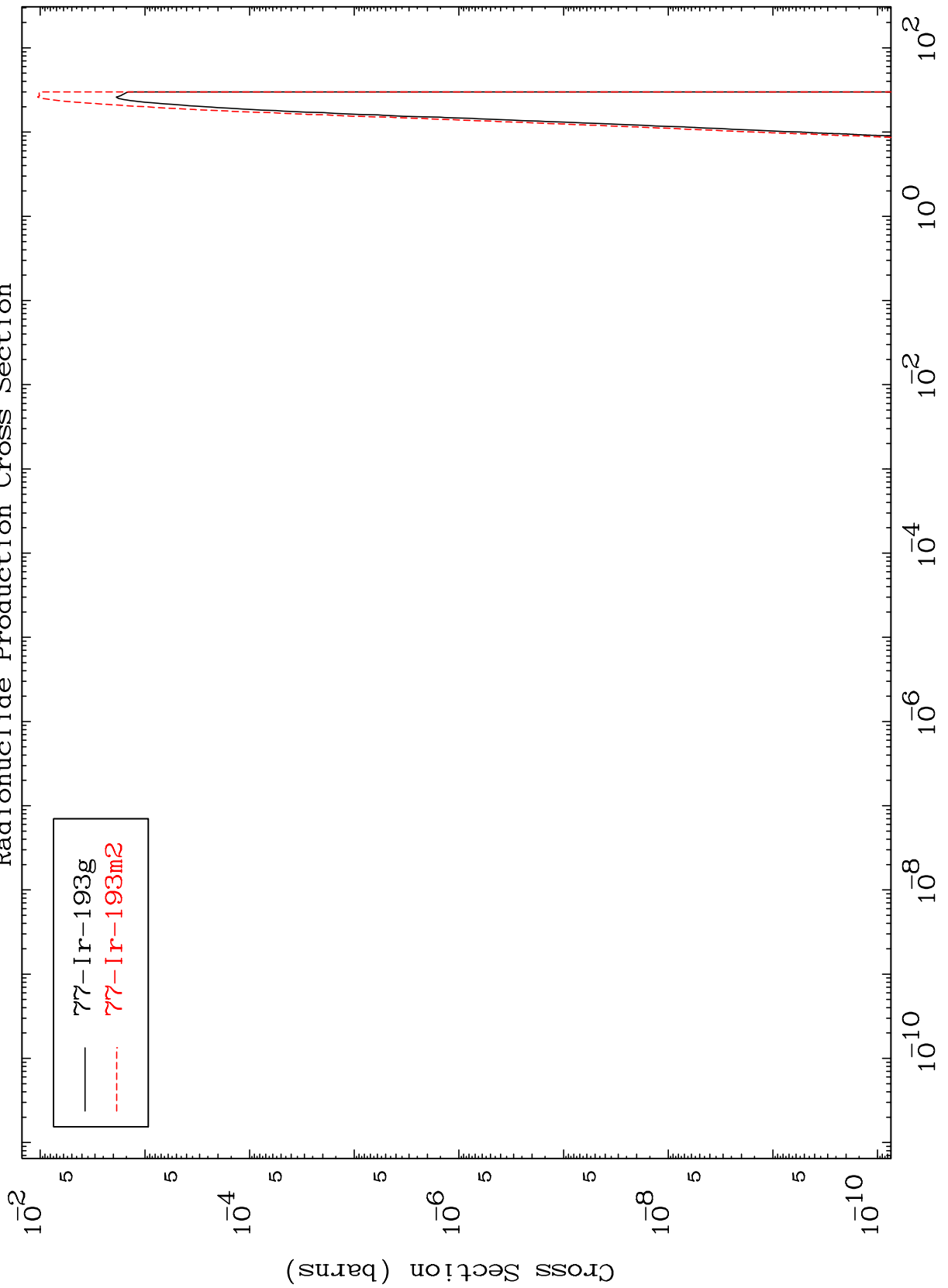


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$(n, n') \alpha$

$^{79}\text{Au-197}$

Radionuclide Production Cross Section

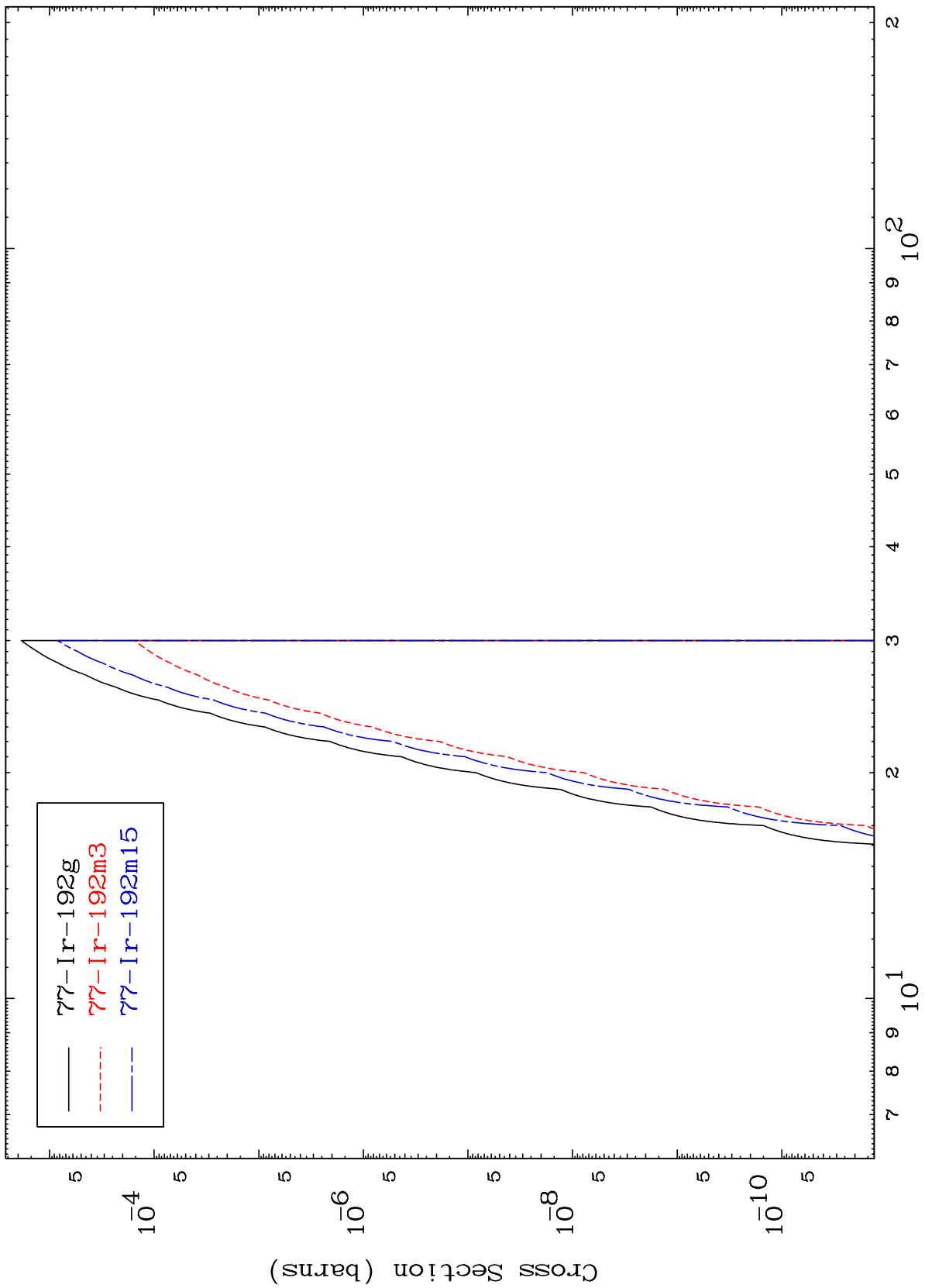


MAT 7926

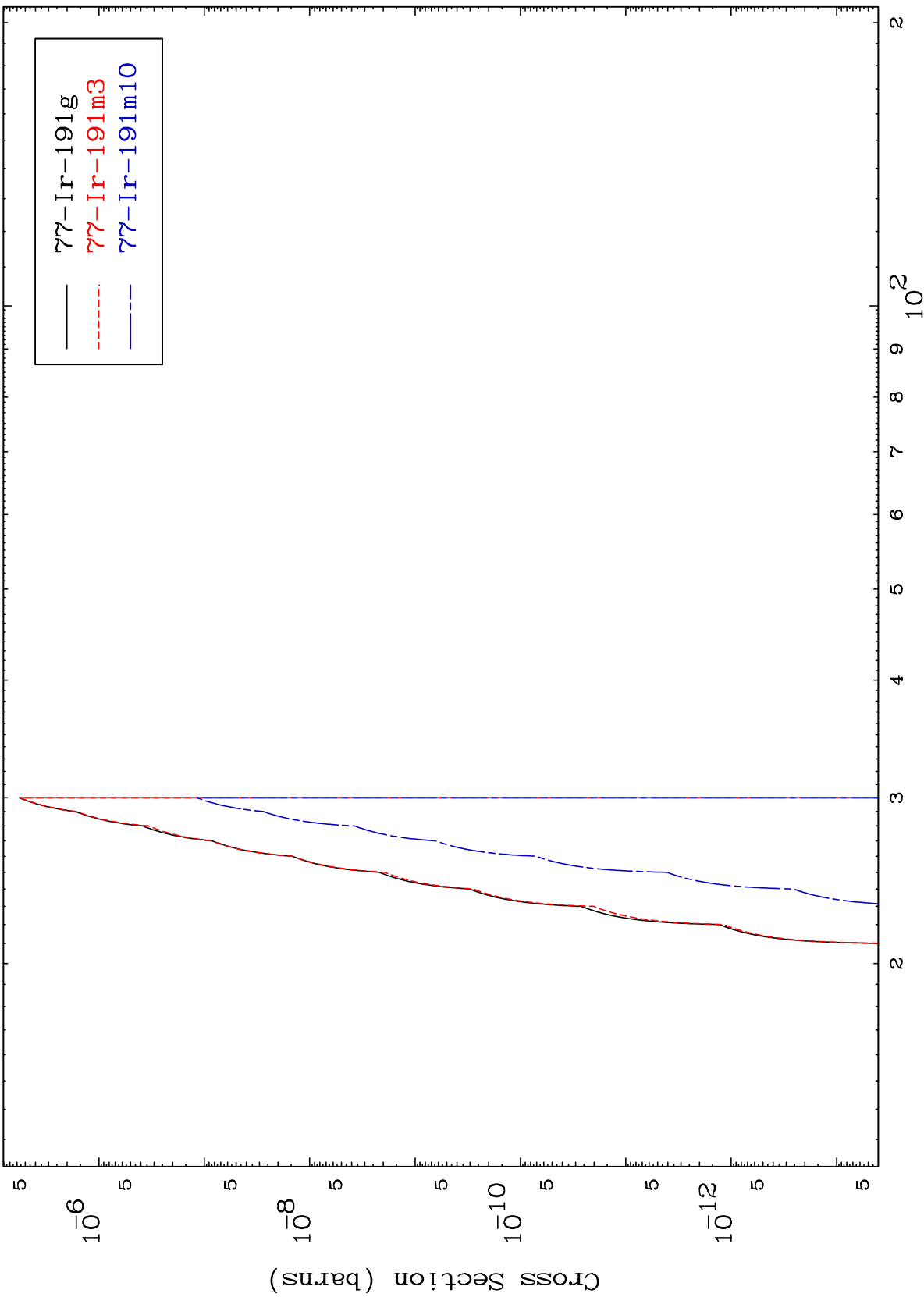
(n,2n) α

79-Au-197

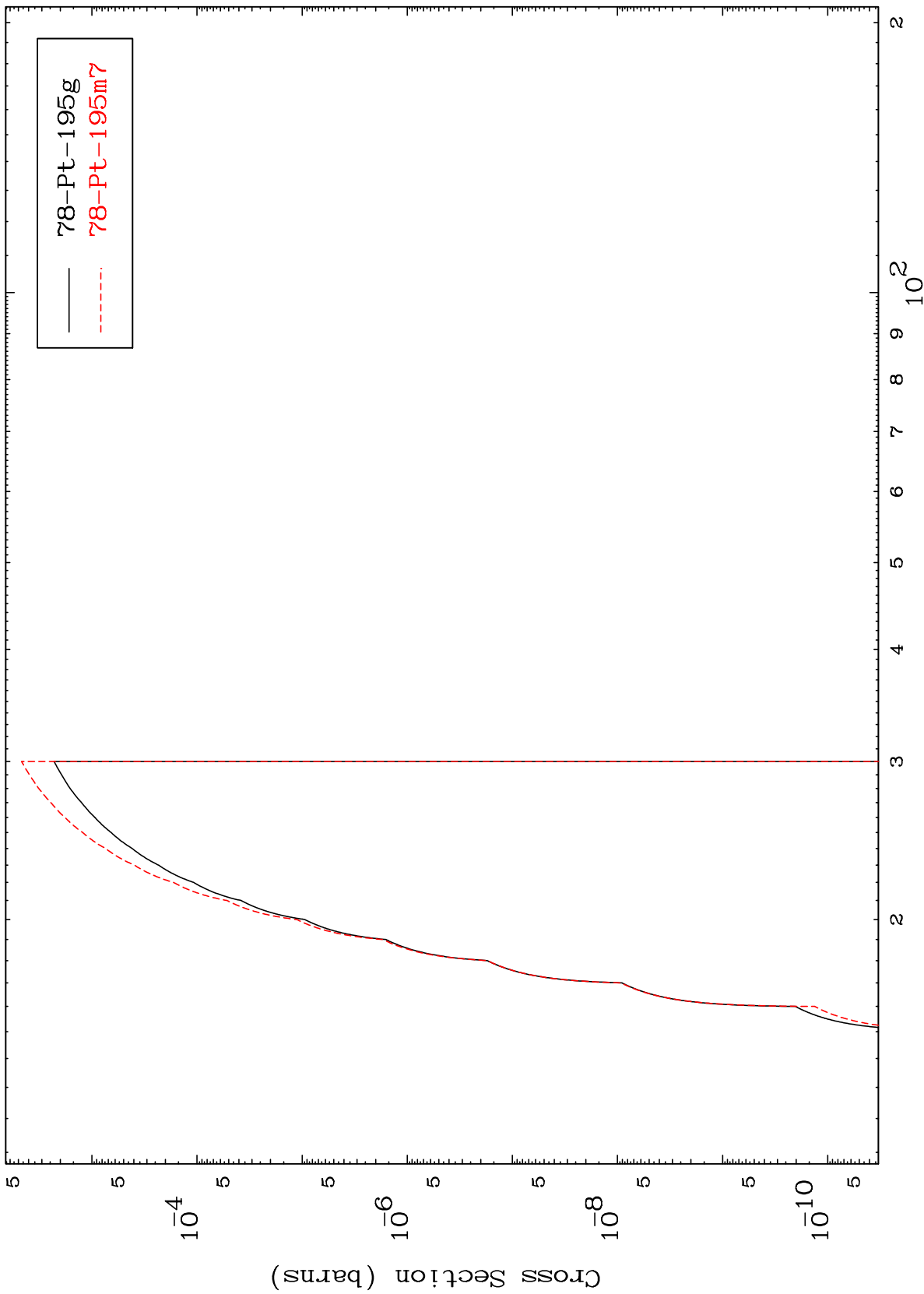
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

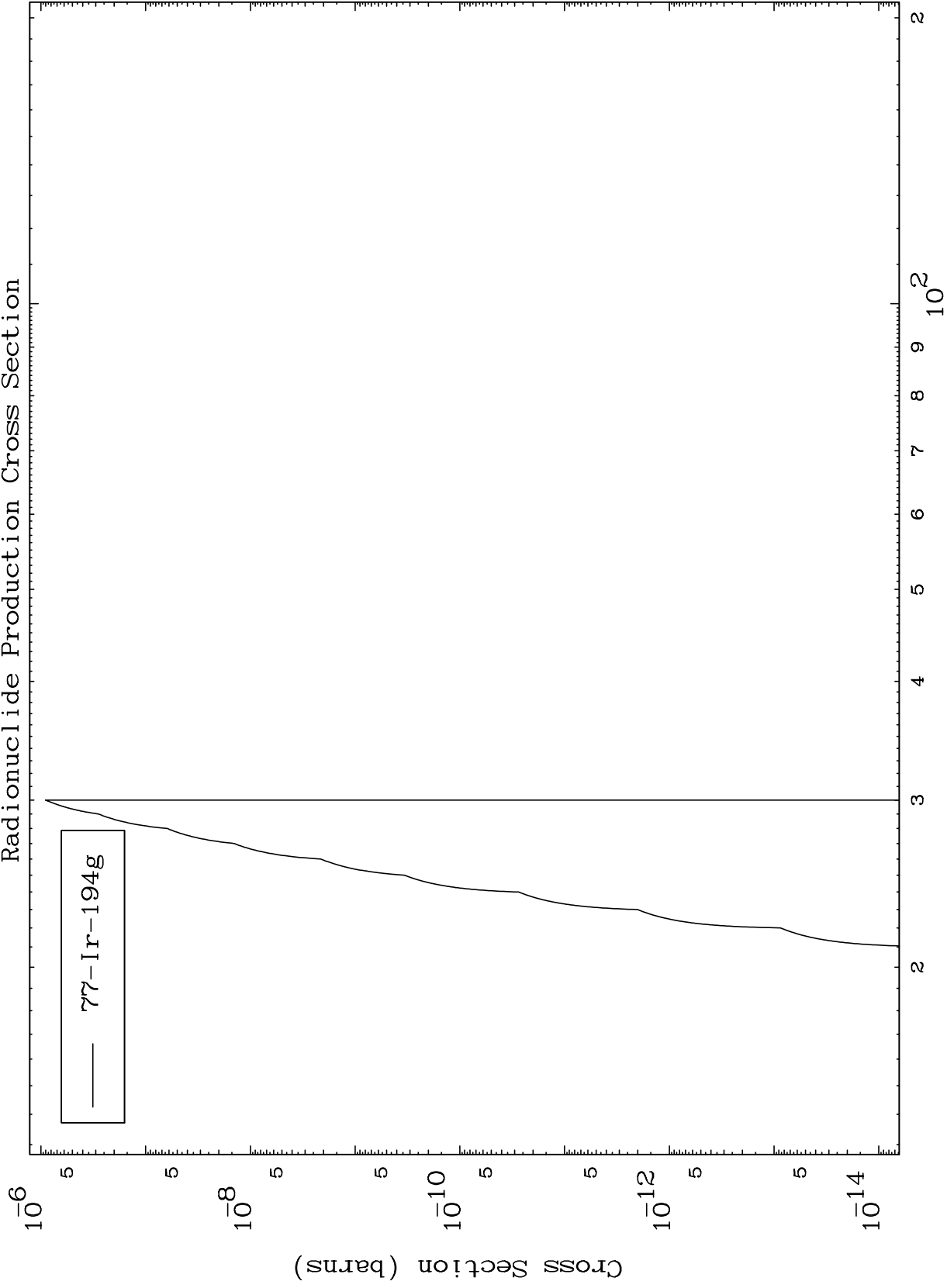


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(n,n') He-3

79-Au-197

Radionuclide Production Cross Section



27

Incident Energy (MeV)

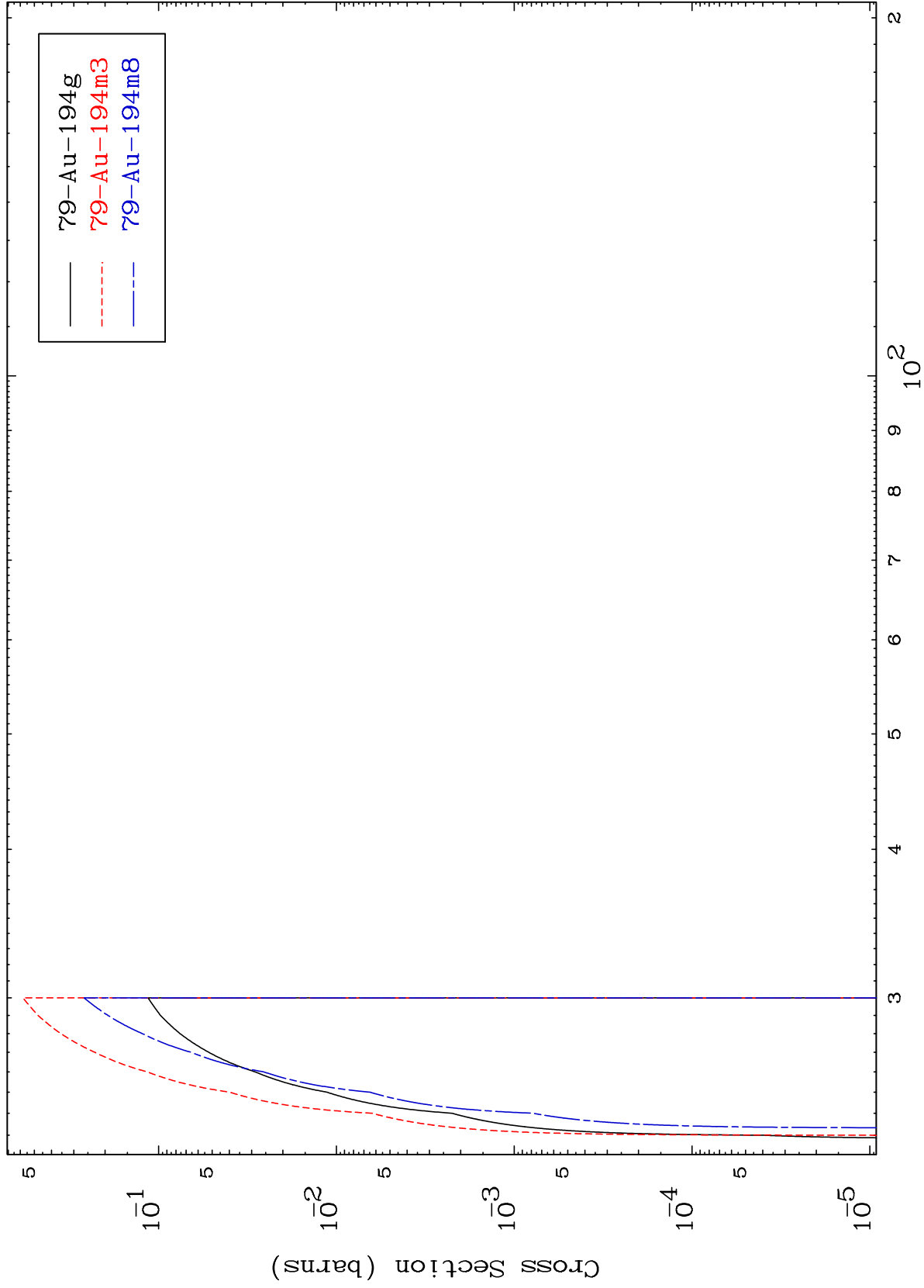
79-Au-197

MAT 7926

(n,4n)

79-Au-197

Radionuclide Production Cross Section



28

Incident Energy (MeV)

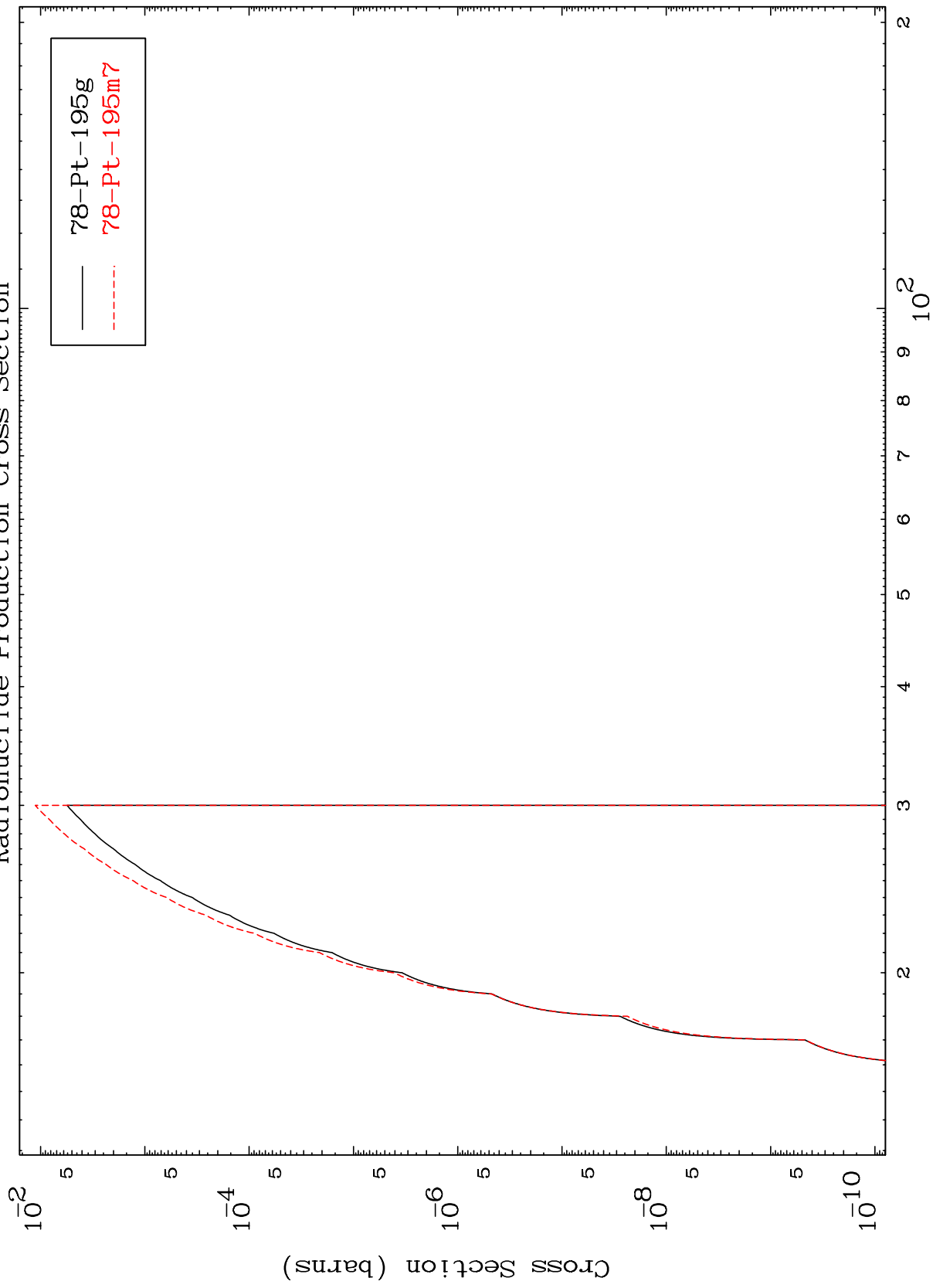
79-Au-197

MAT 7926

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



29

Incident Energy (MeV)

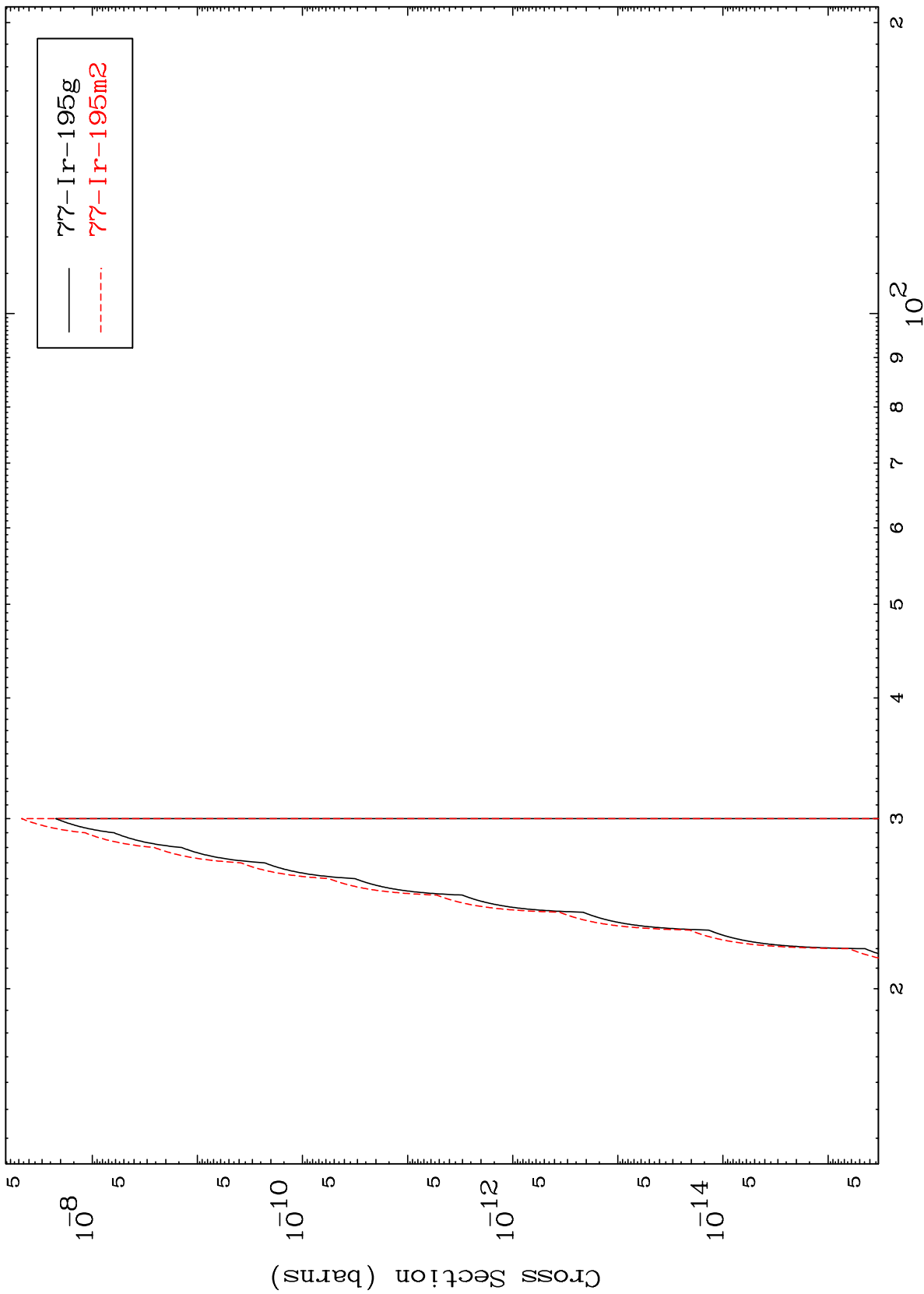
79-Au-197

MAT 7926

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

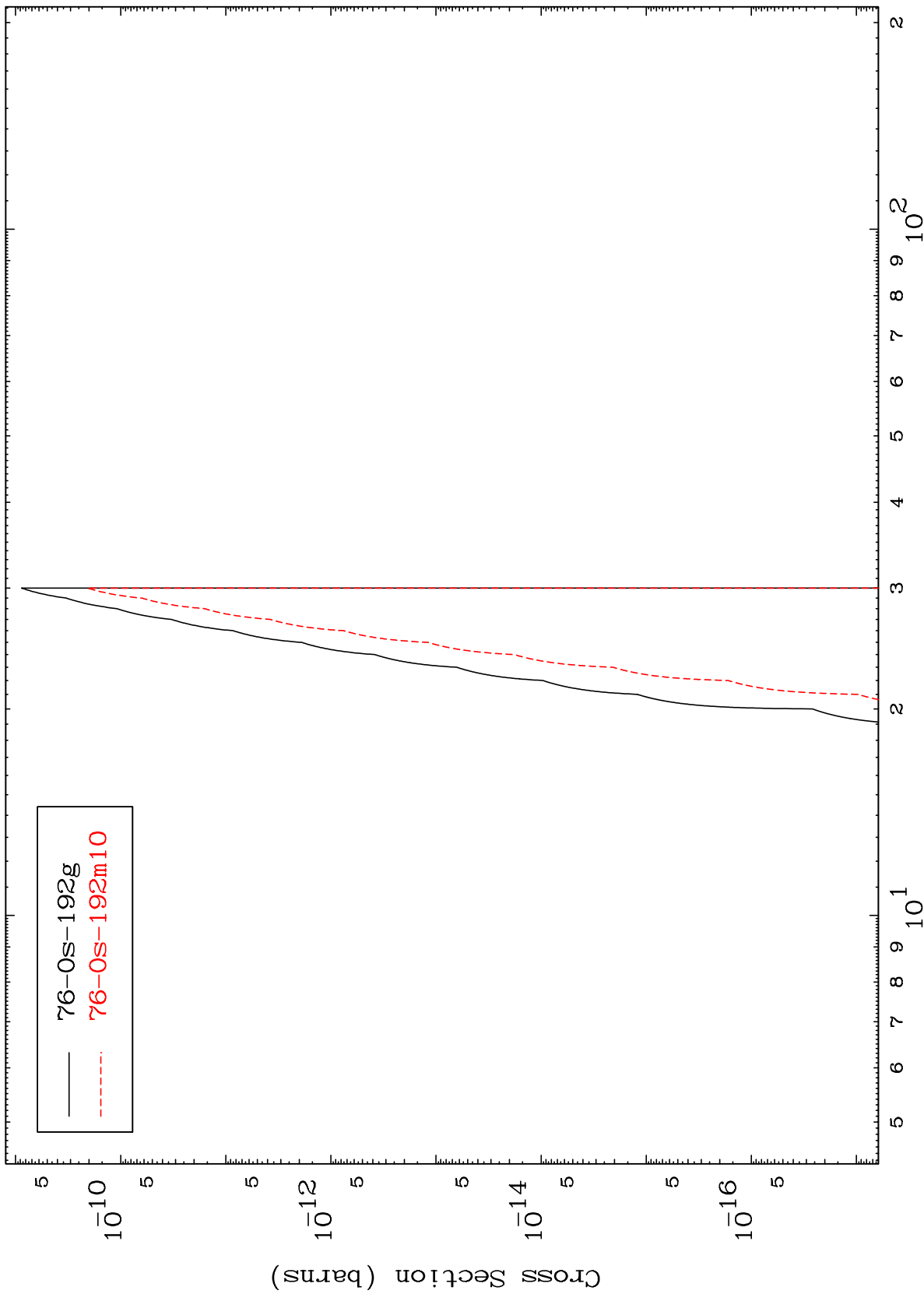
79-Au-197

MAT 7926

(n,n') p α

79-Au-197

Radionuclide Production Cross Section



31

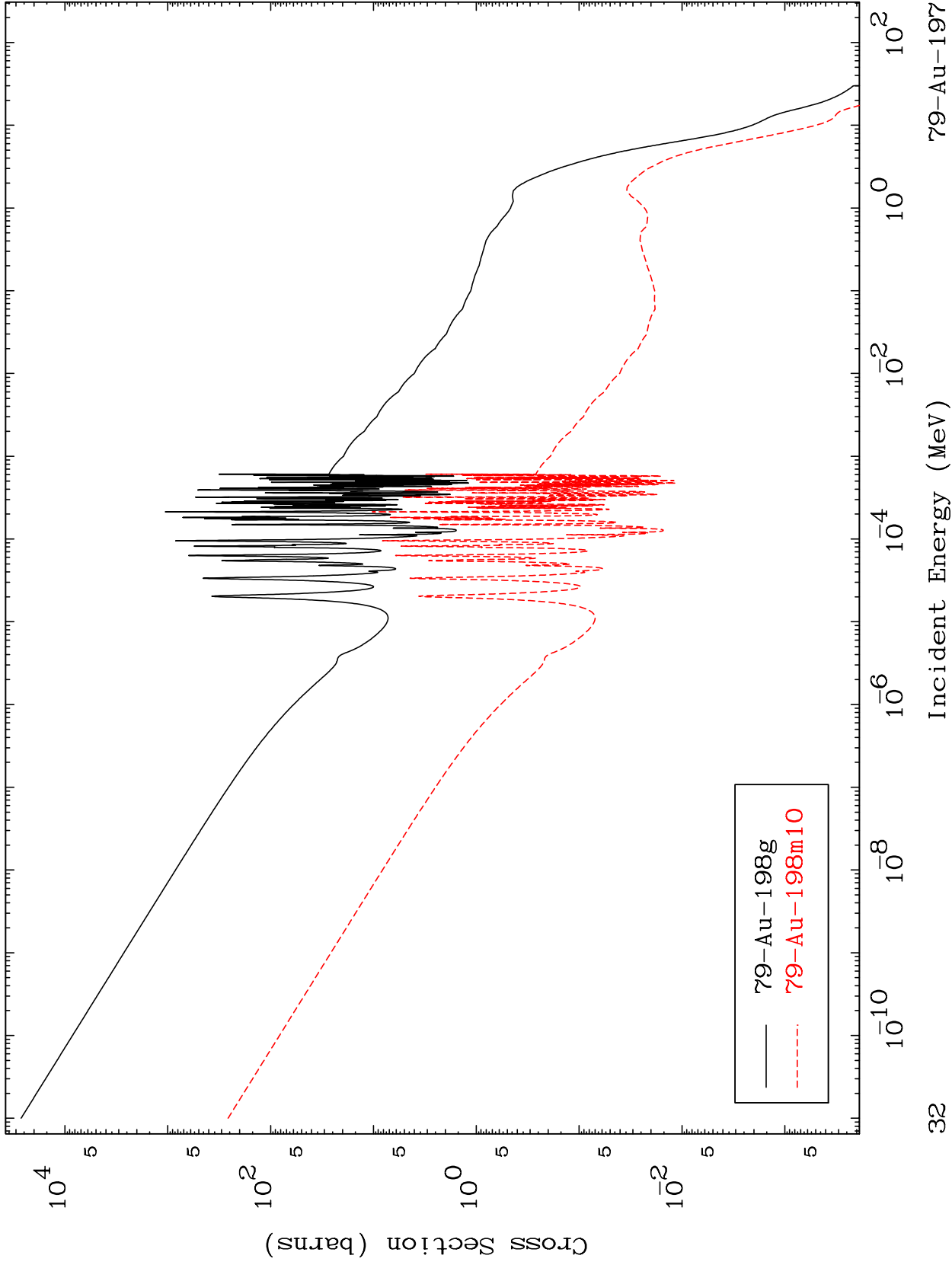
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

(n,γ)
Radionuclide Production Cross Section

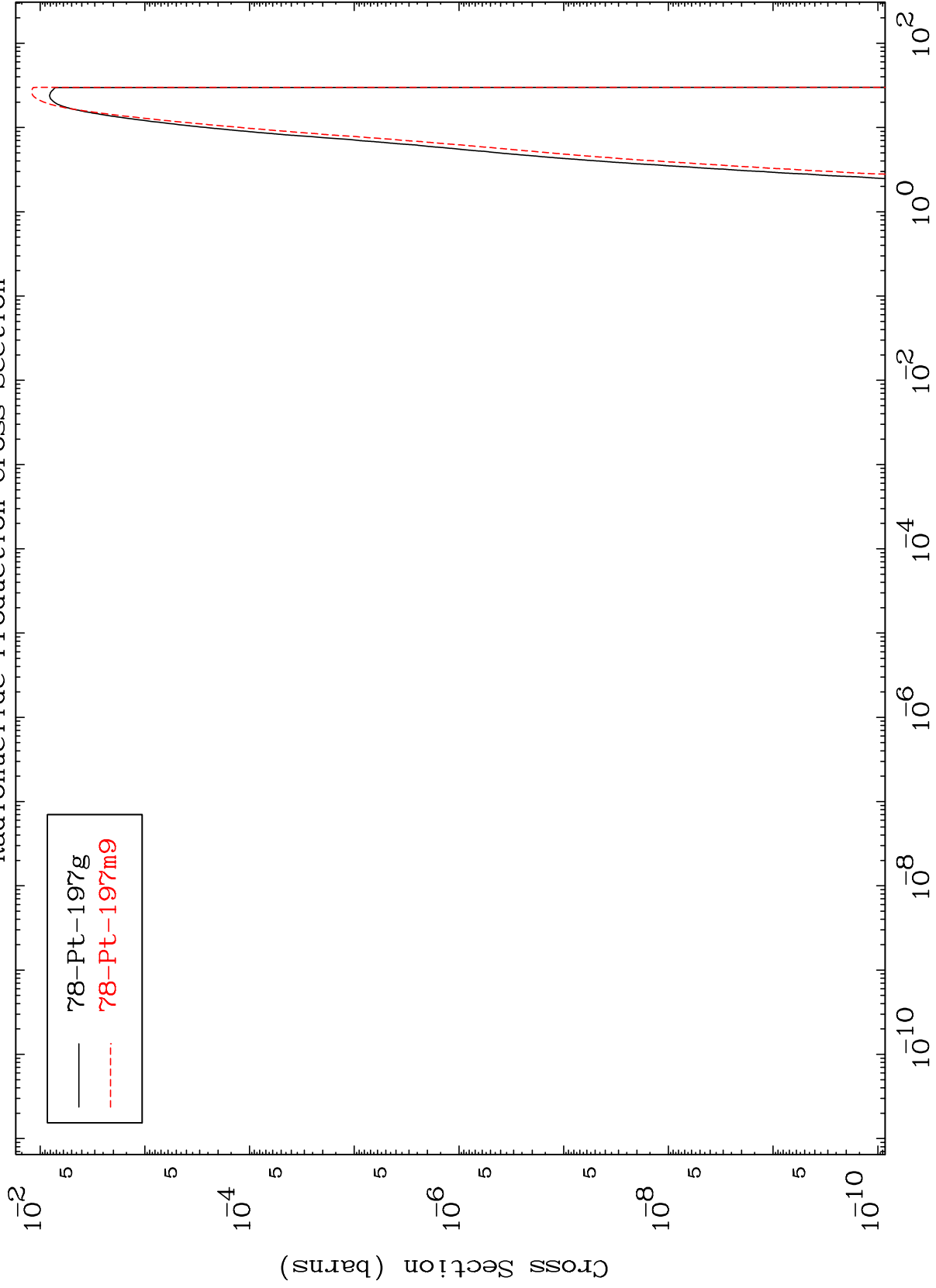


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(n,p)

79-Au-197

Radionuclide Production Cross Section



Incident Energy (MeV)

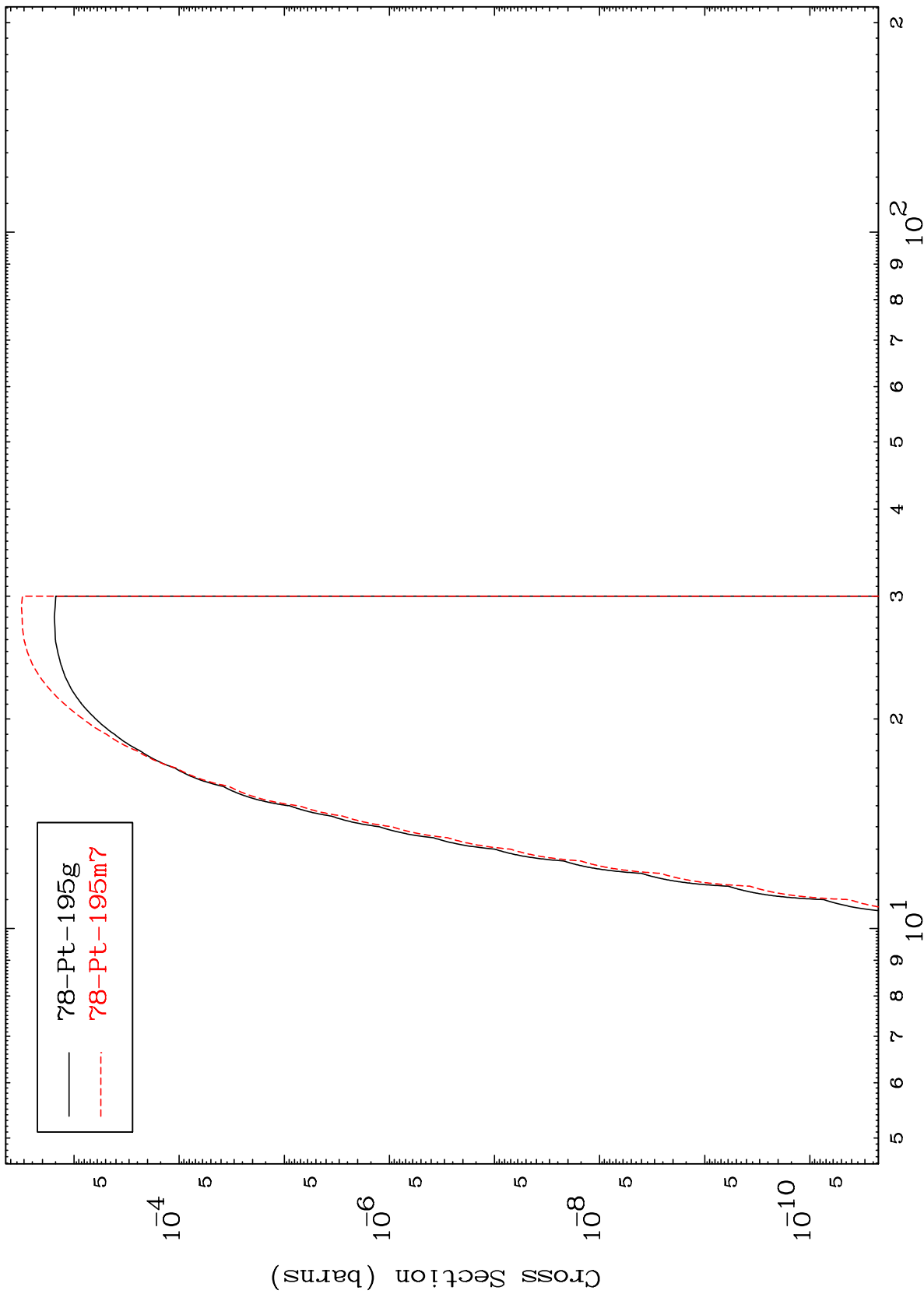
79-Au-197

33

MAT 7926

79-Au-197

(n, t)
Radionuclide Production Cross Section



79-Au-197

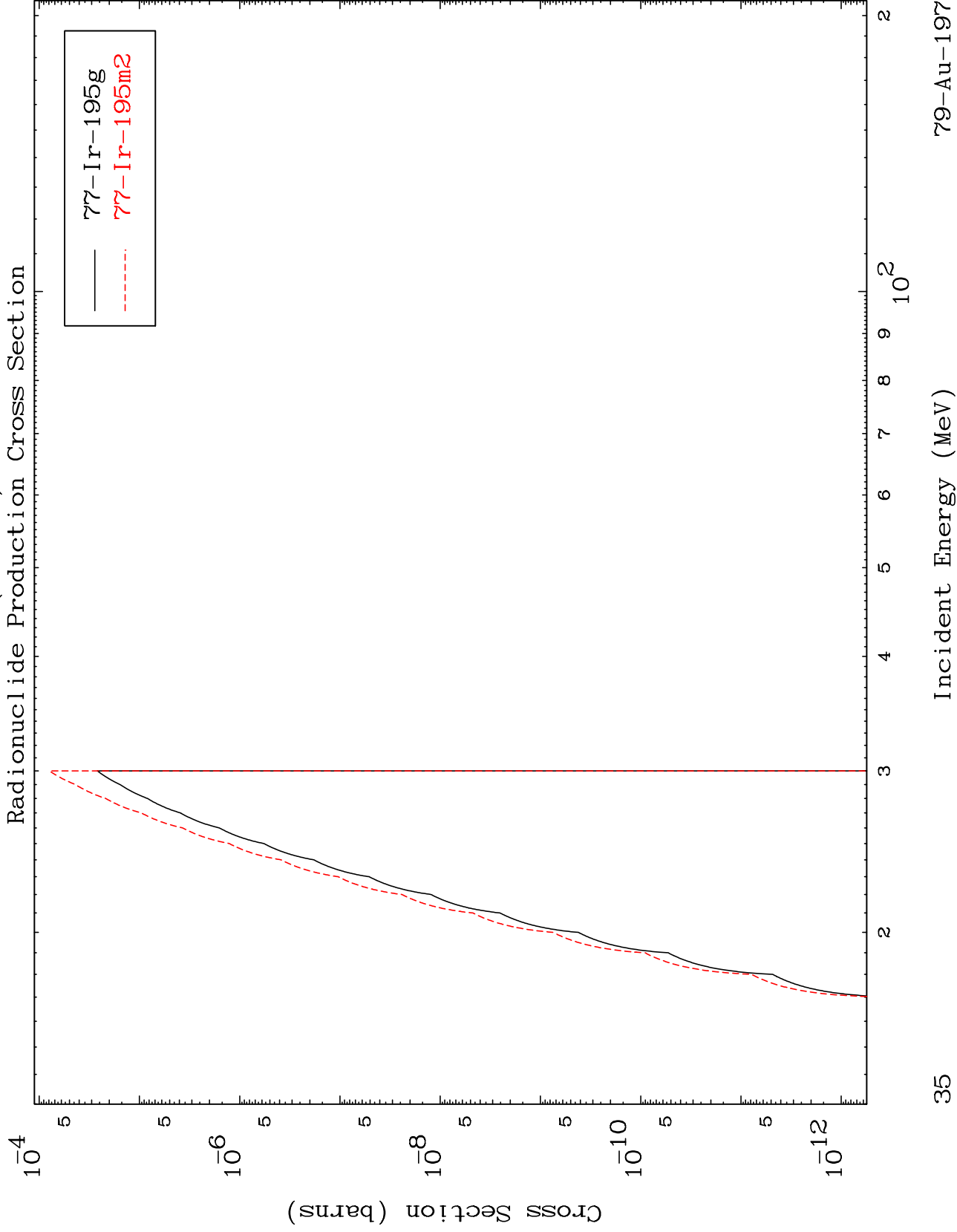
Incident Energy (MeV)

34

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(n,He-3)

79-Au-197



35

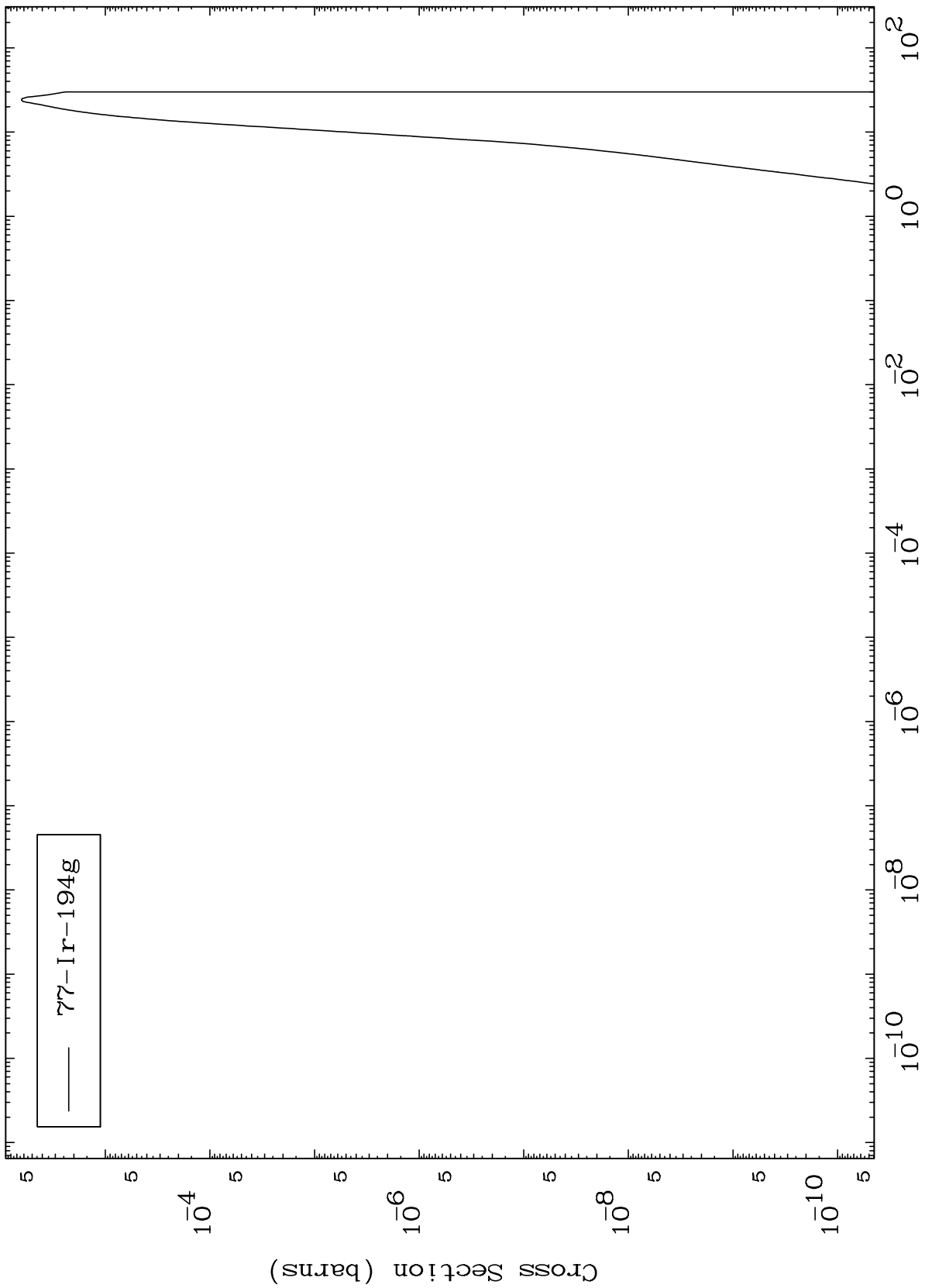
79-Au-197

MAT 7926

(n, α)

79-Au-197

Radionuclide Production Cross Section



77-Ir-194g

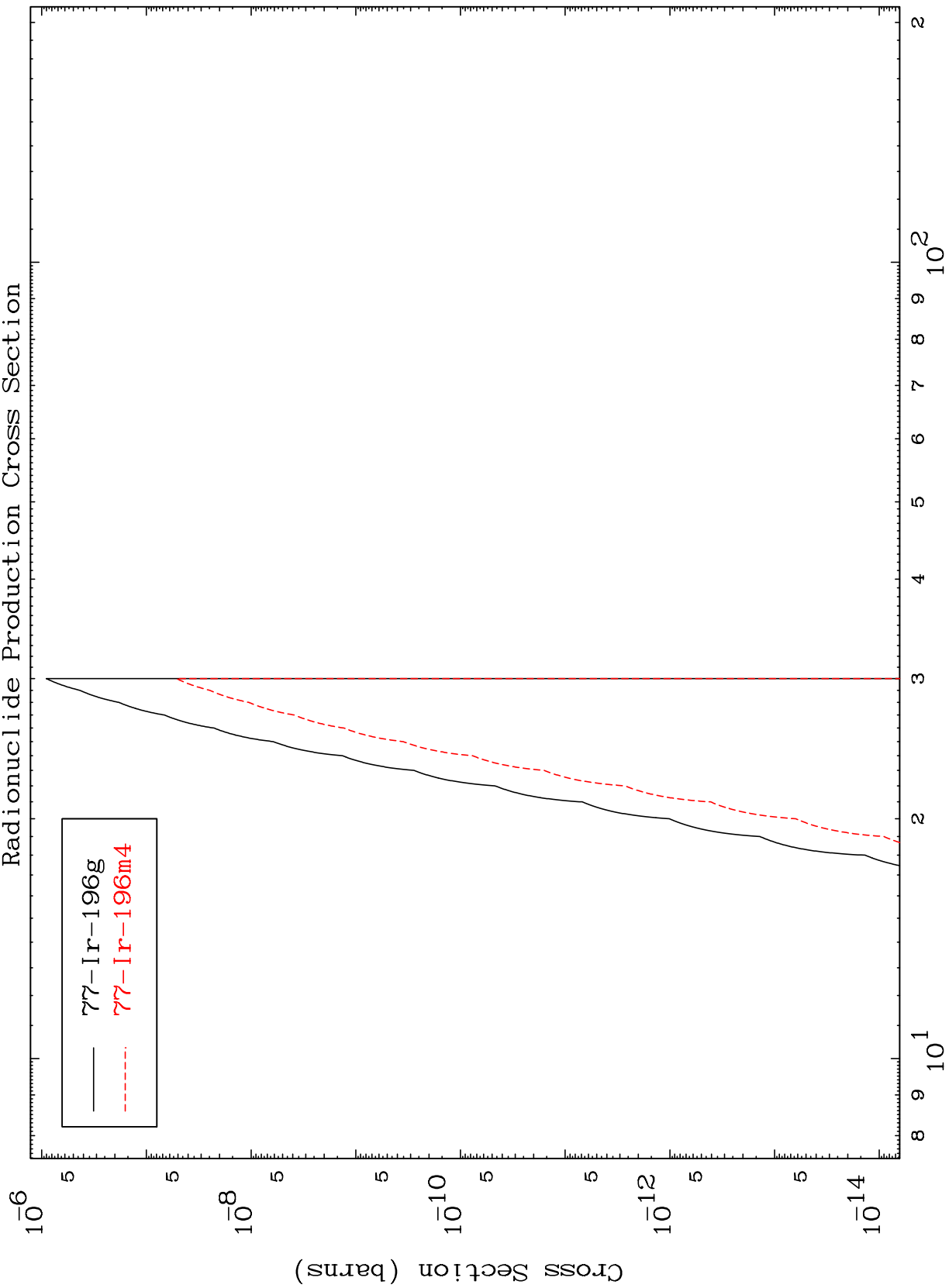
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

(n,2p)
Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

79-Au-197

Incident Energy (MeV)

37