

Program EVALPLOT
(Version 2021-1)

by

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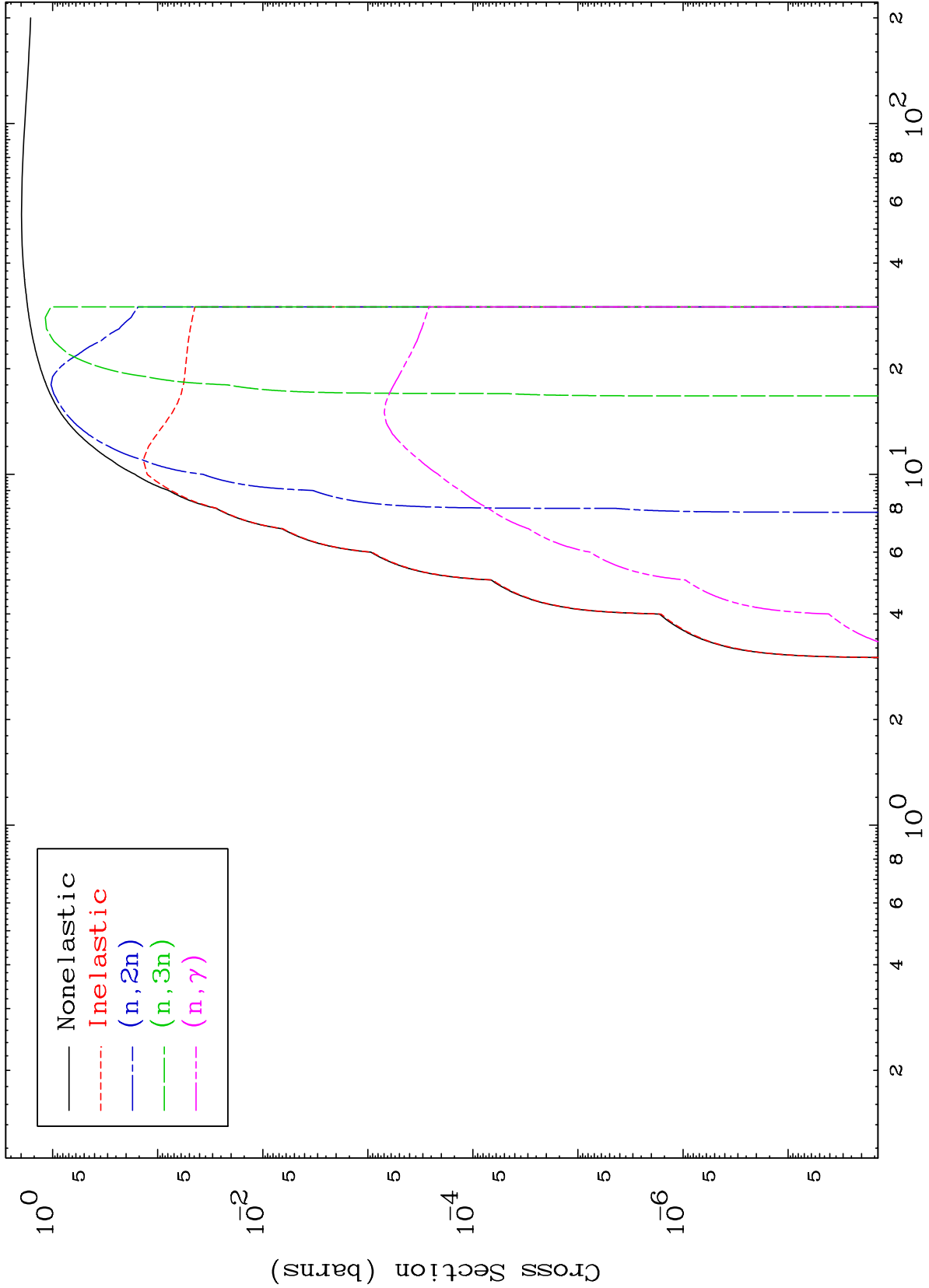
Press Mouse Button to Start

MAT 7926

Proton Major

79-Au-197m

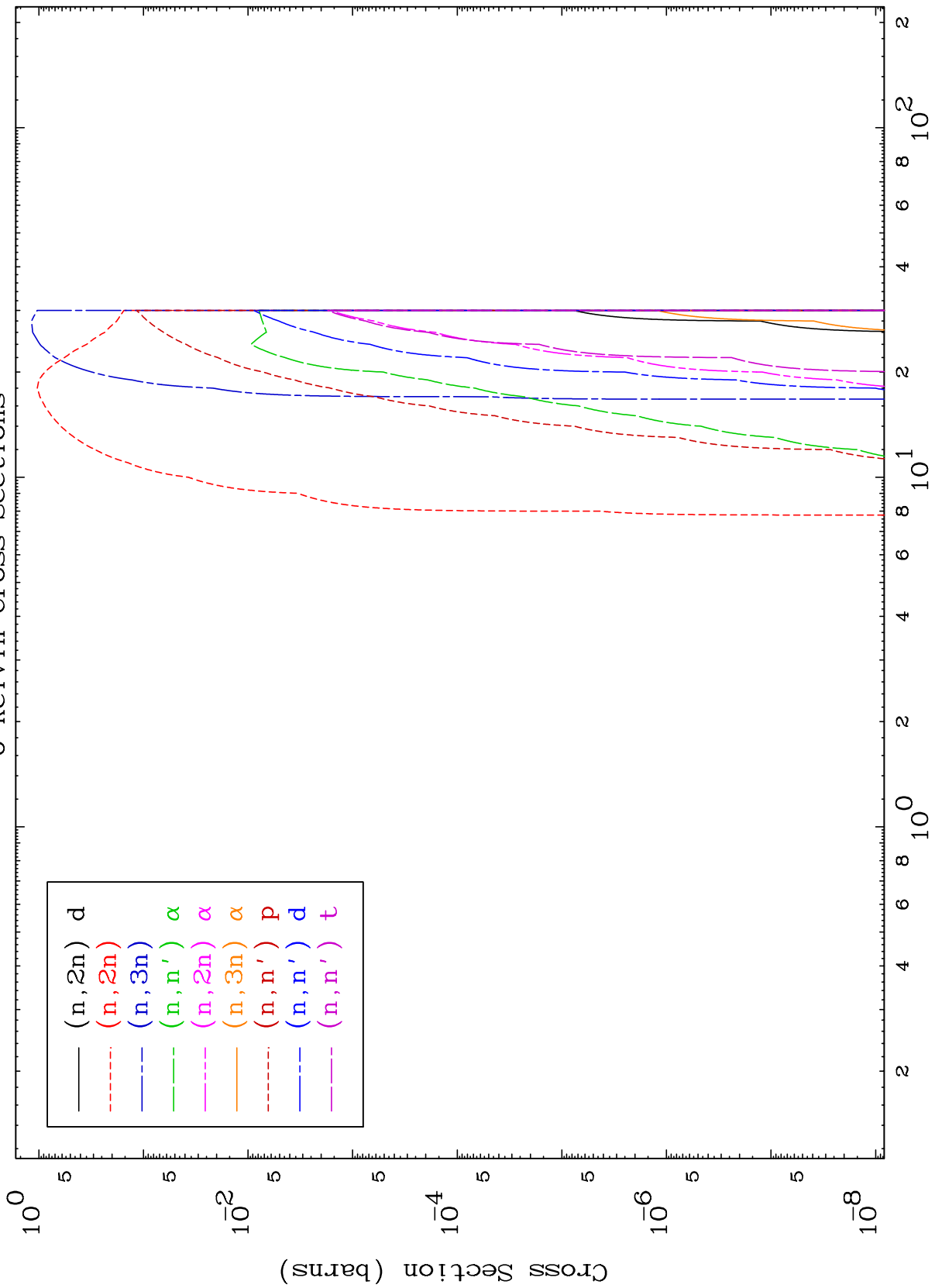
0 Kelvin Cross Sections

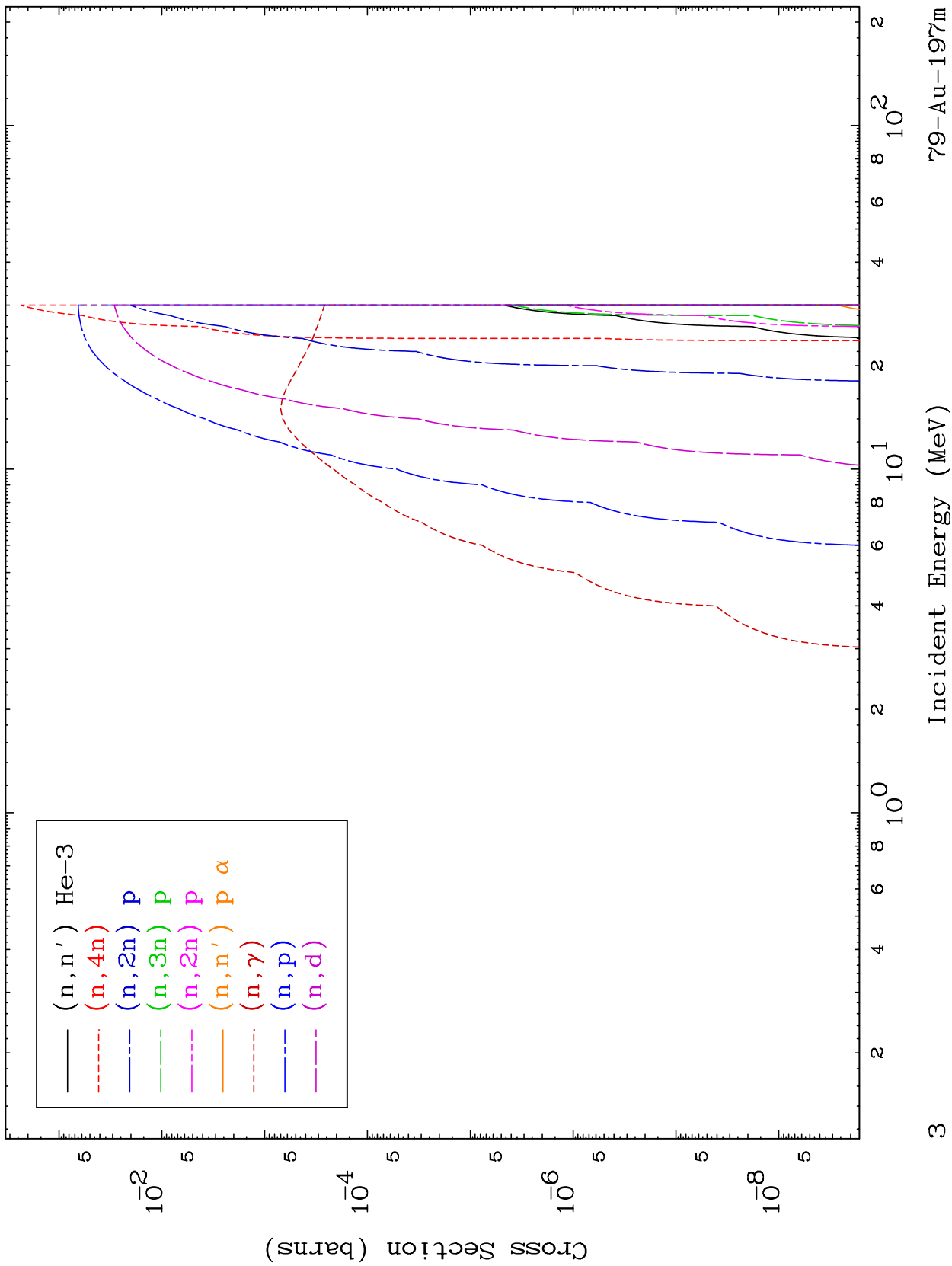


MAT 7926

Proton Neutron Absorption
0 Kelvin Cross Sections

79-Au-197m

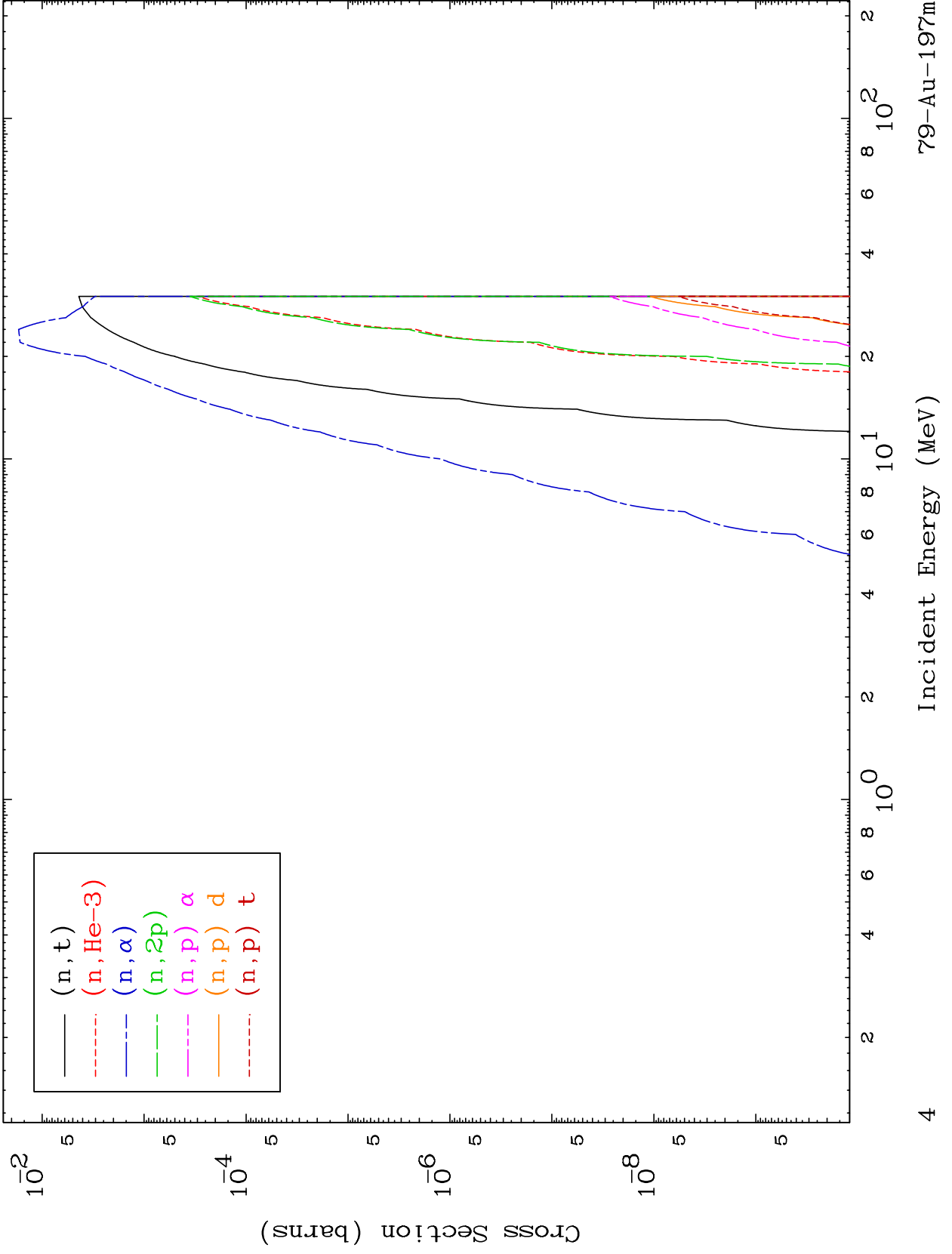




MAT 7926

Proton Neutron Absorption
0 Kelvin Cross Sections

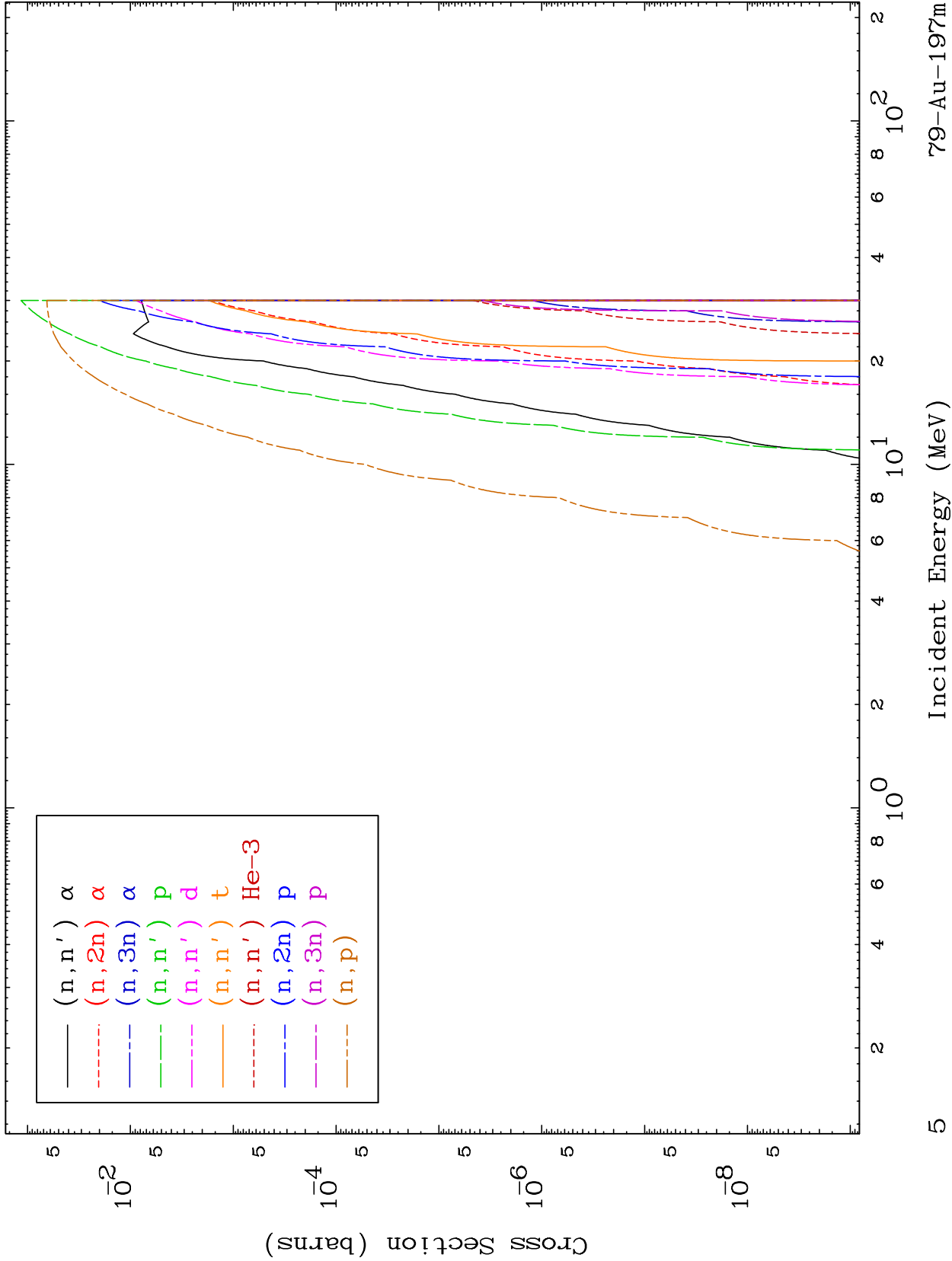
79-Au-197m



MAT 7926

Proton Charged Particle
0 Kelvin Cross Sections

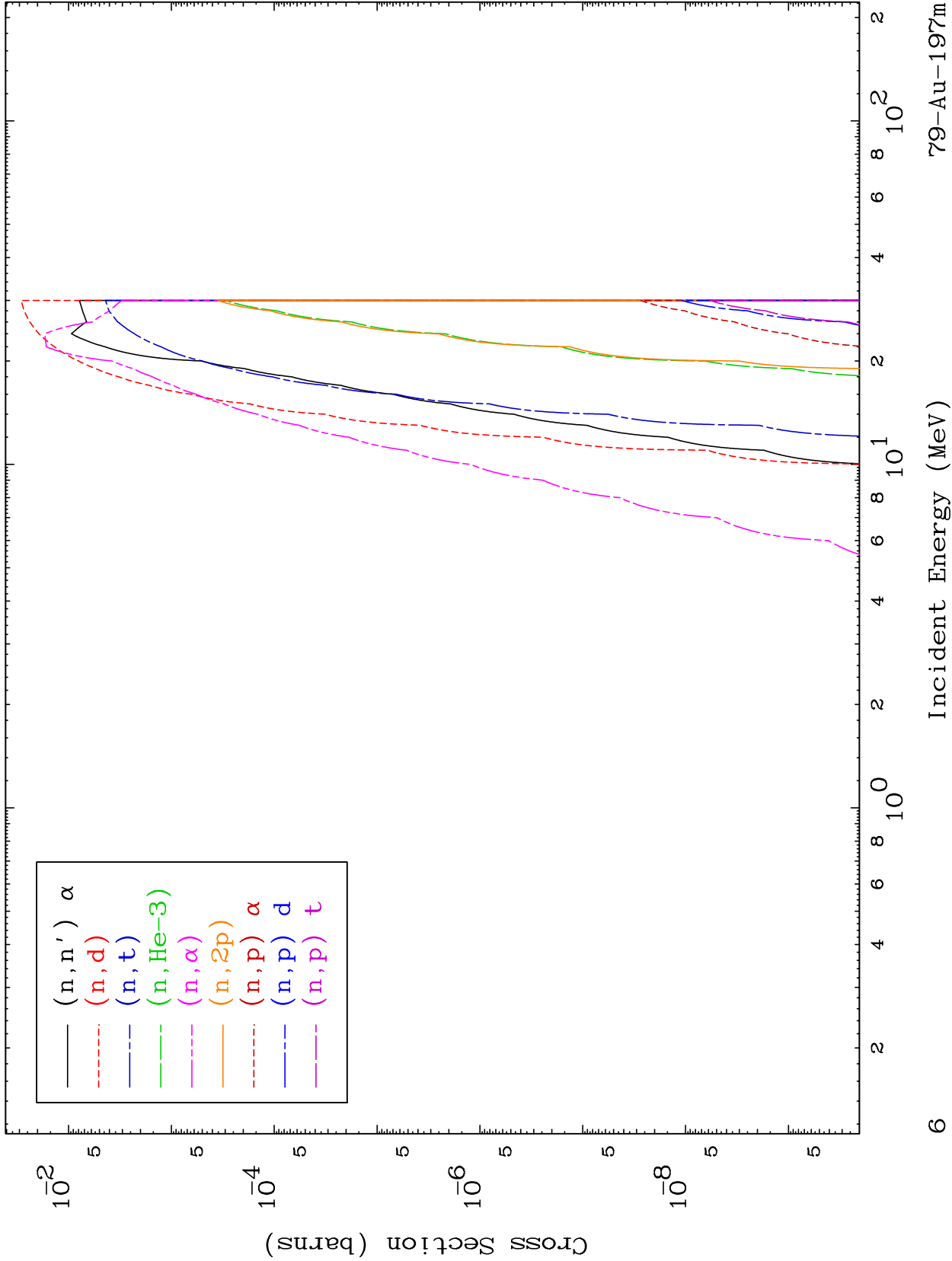
79-Au-197m



MAT 7926

Proton Charged Particle
0 Kelvin Cross Sections

79-Au-197m

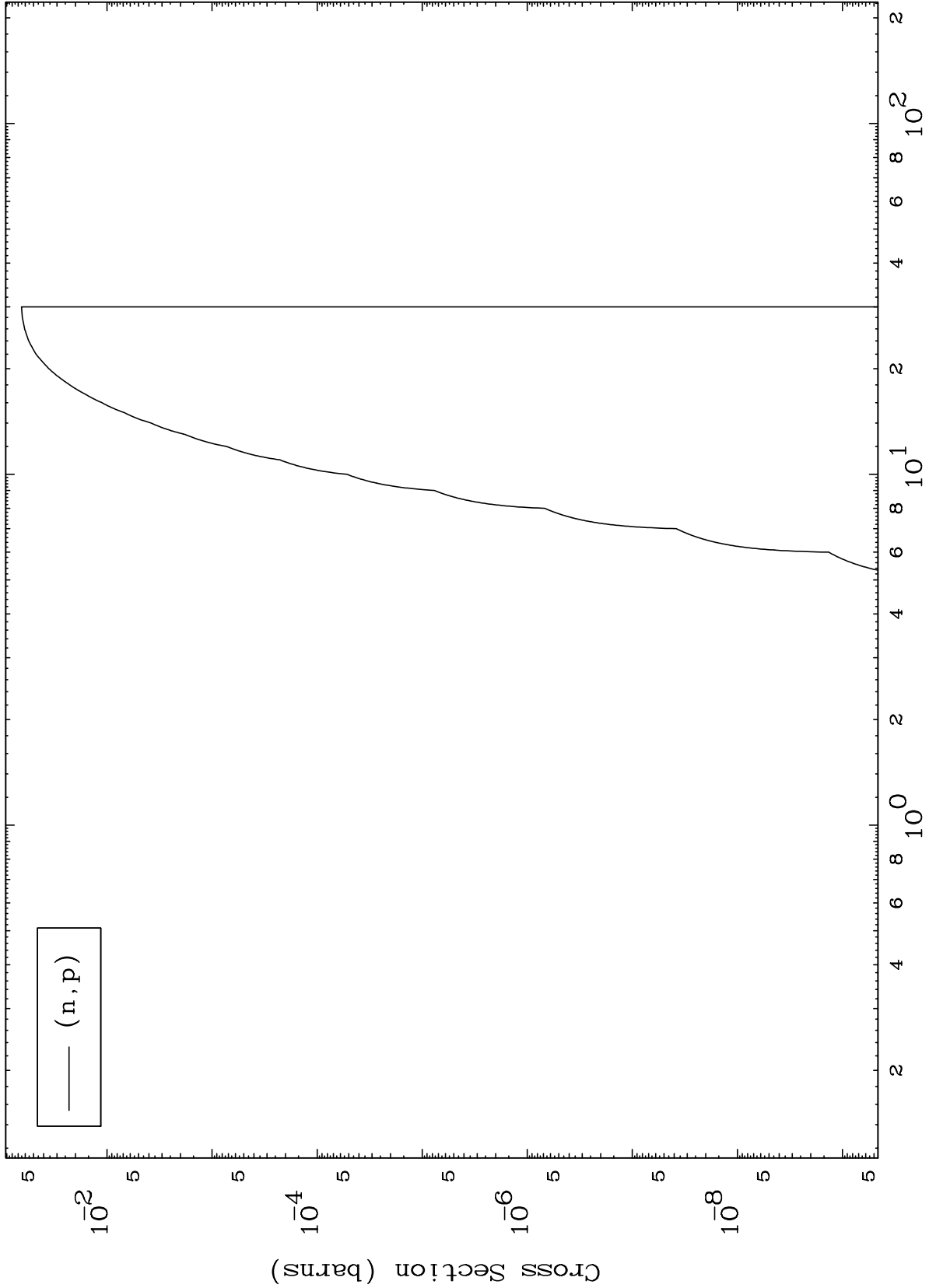


MAT 7926

(p,p) Levels

⁷⁹Au-197m

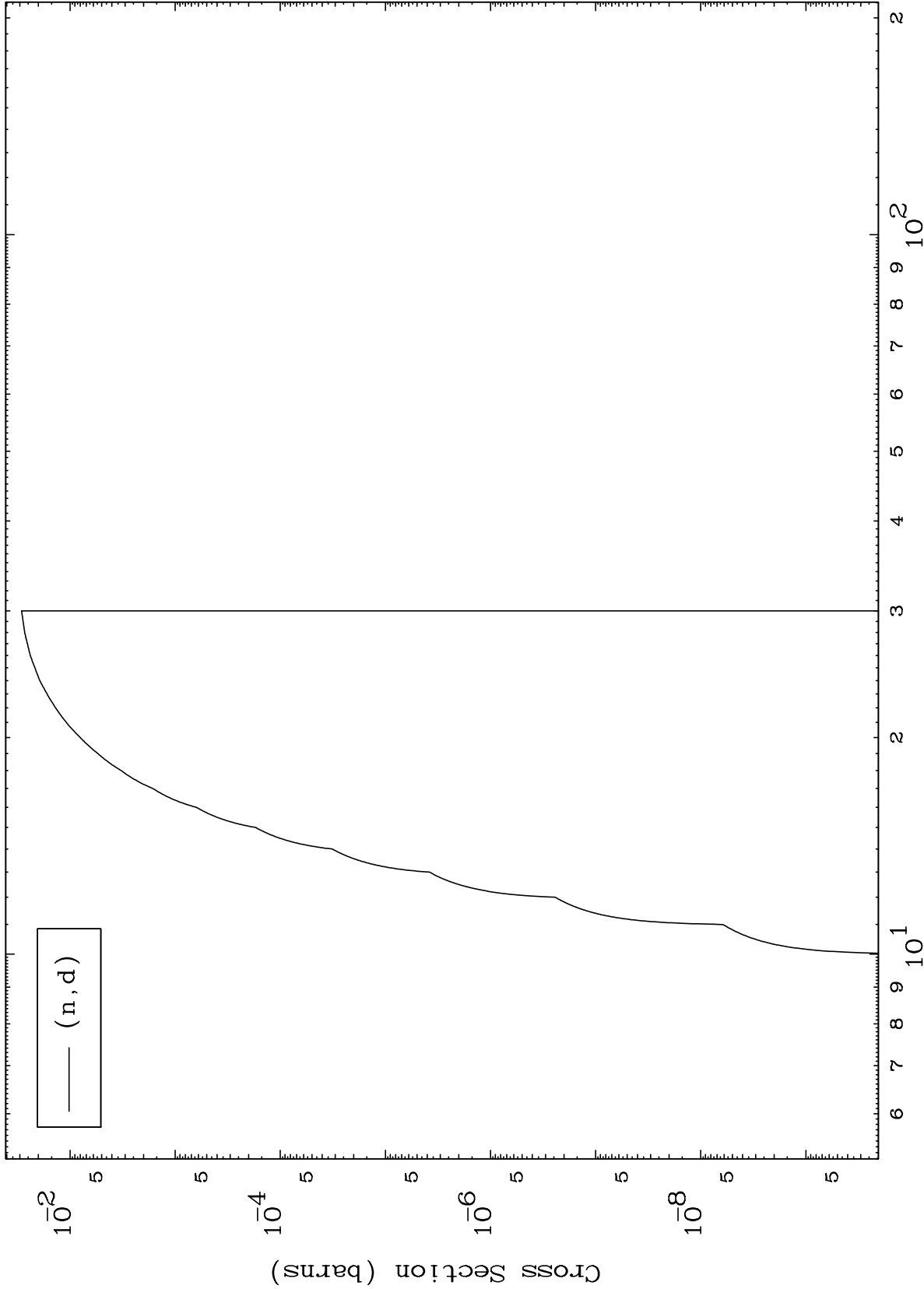
0 Kelvin Cross Sections



MAT 7926

(p,d) Levels
0 Kelvin Cross Sections

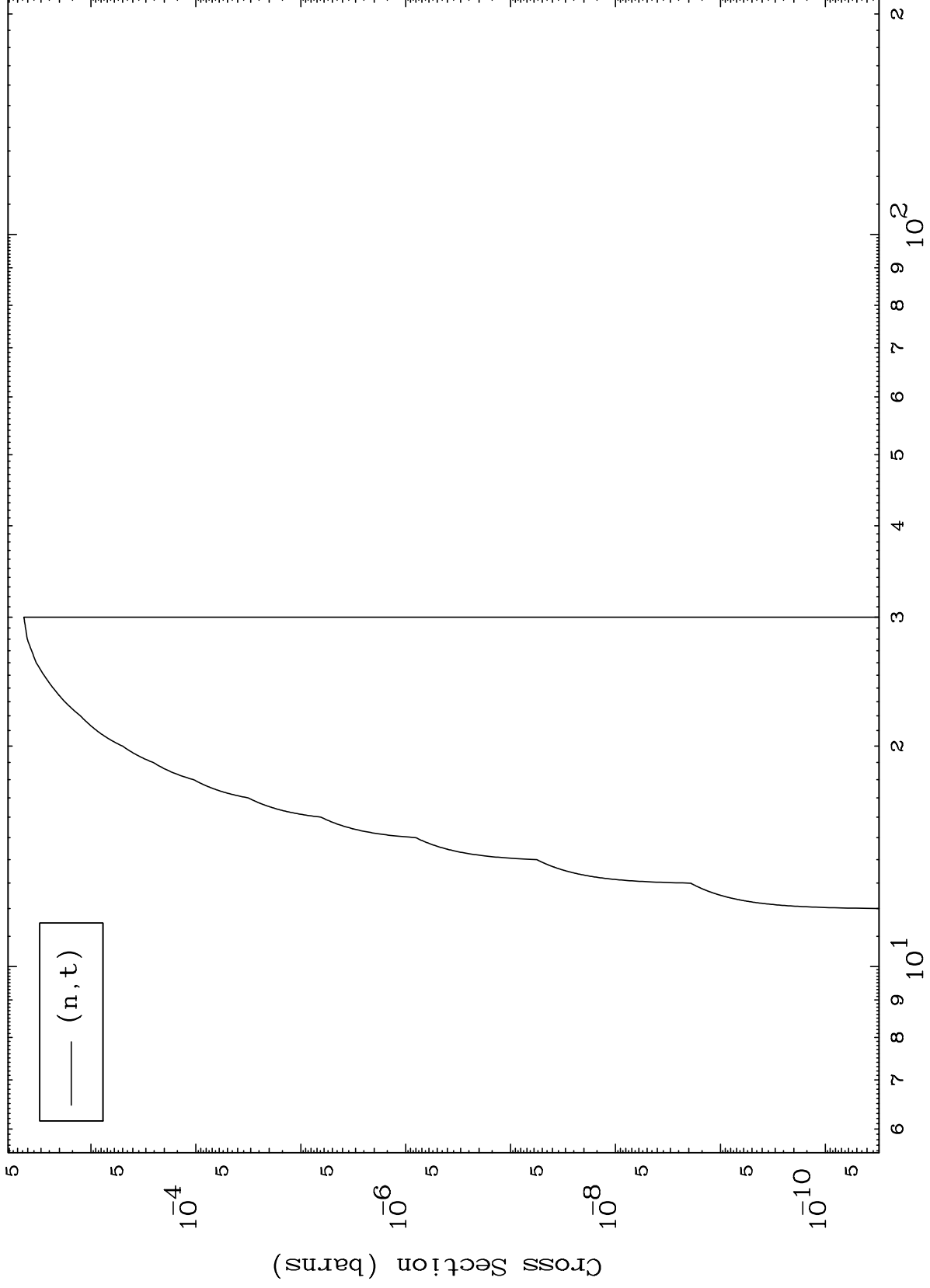
79-Au-197m



MAT 7926

(p, t) Levels
0 Kelvin Cross Sections

⁷⁹Au-197m



9

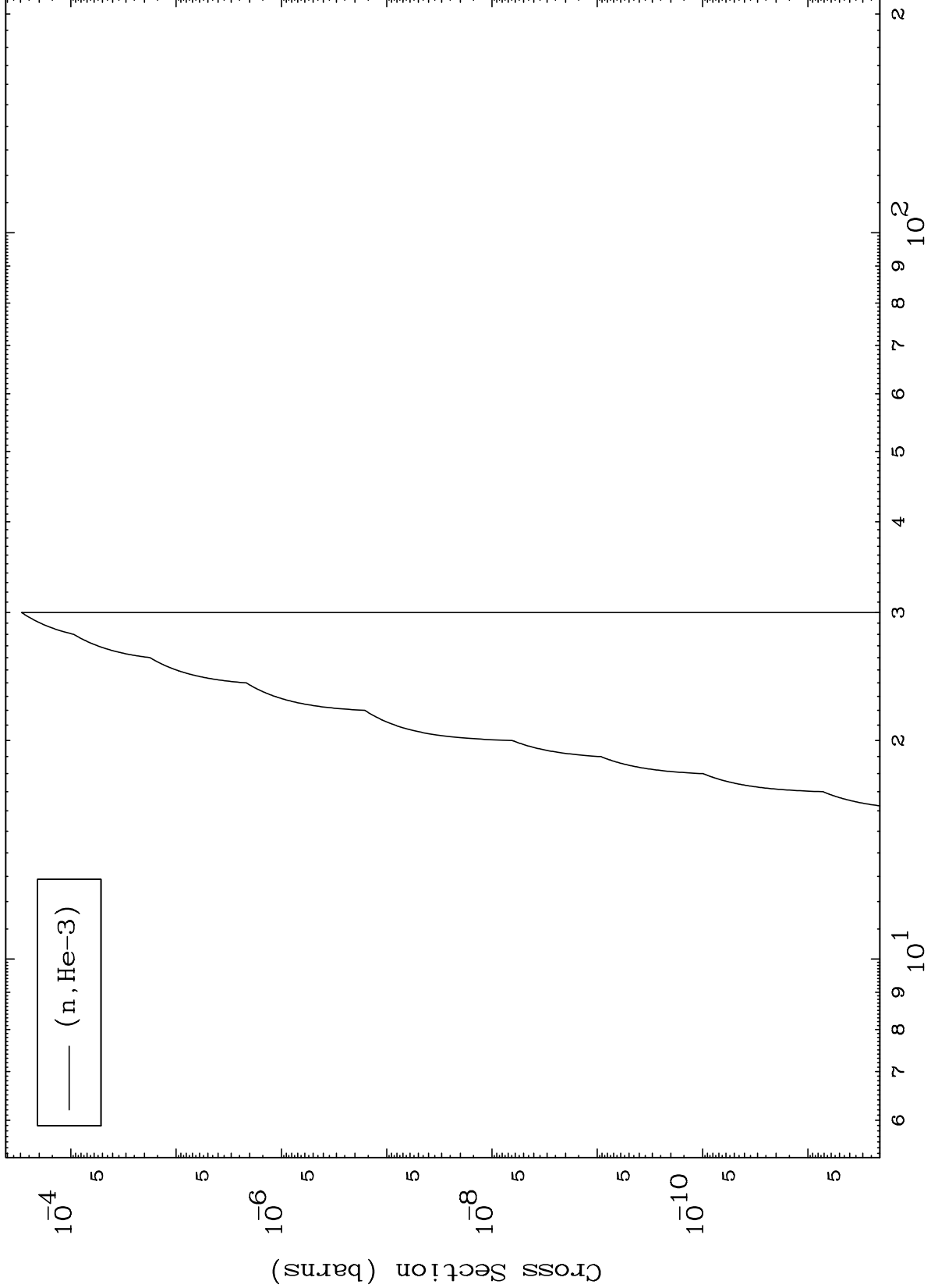
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

(p,He3) Levels
0 Kelvin Cross Sections

79-Au-197m



10

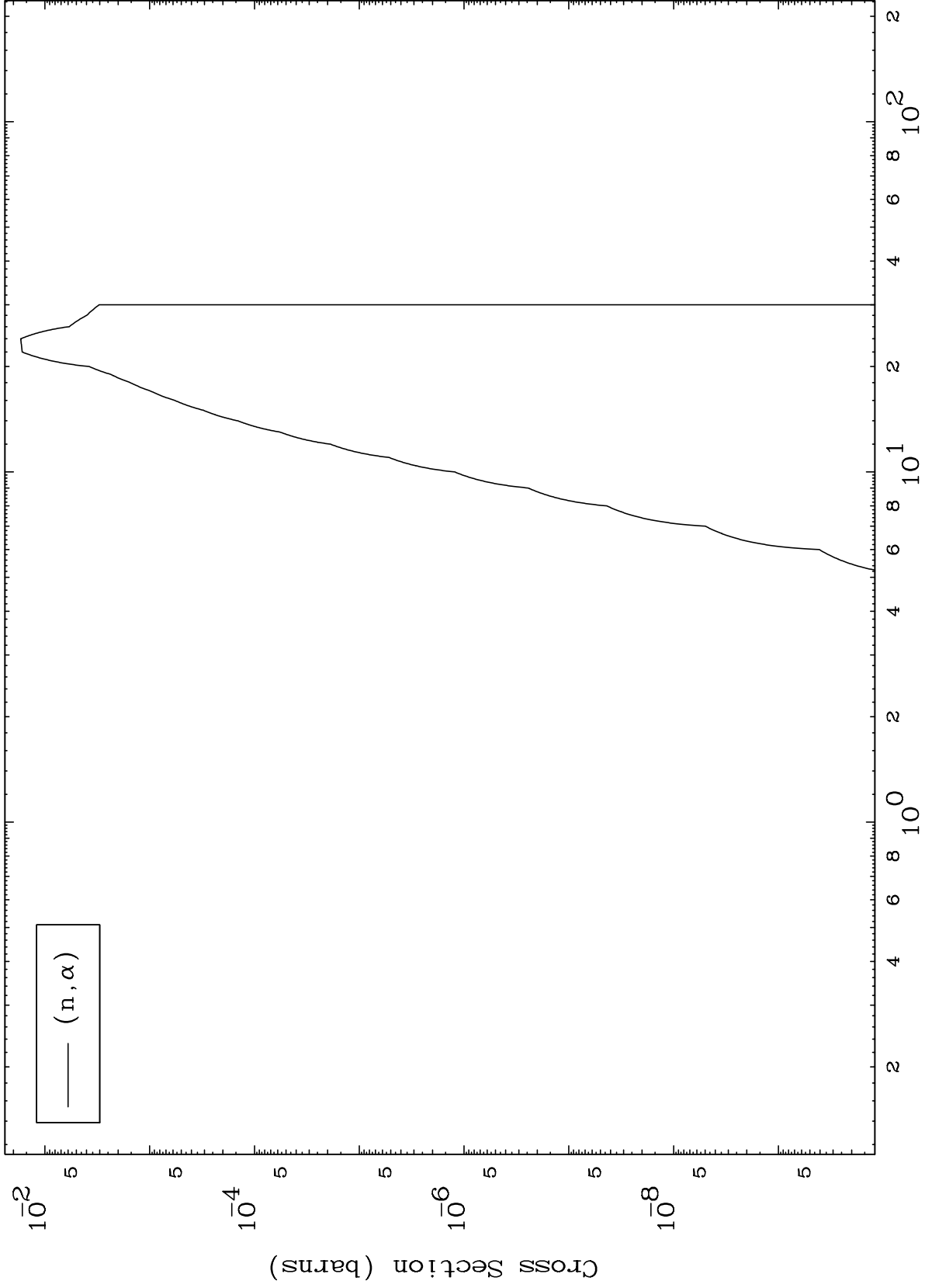
Incident Energy (MeV)

79-Au-197m

MAT 7926

79-Au-197m

(p, α) Levels
0 Kelvin Cross Sections



79-Au-197m

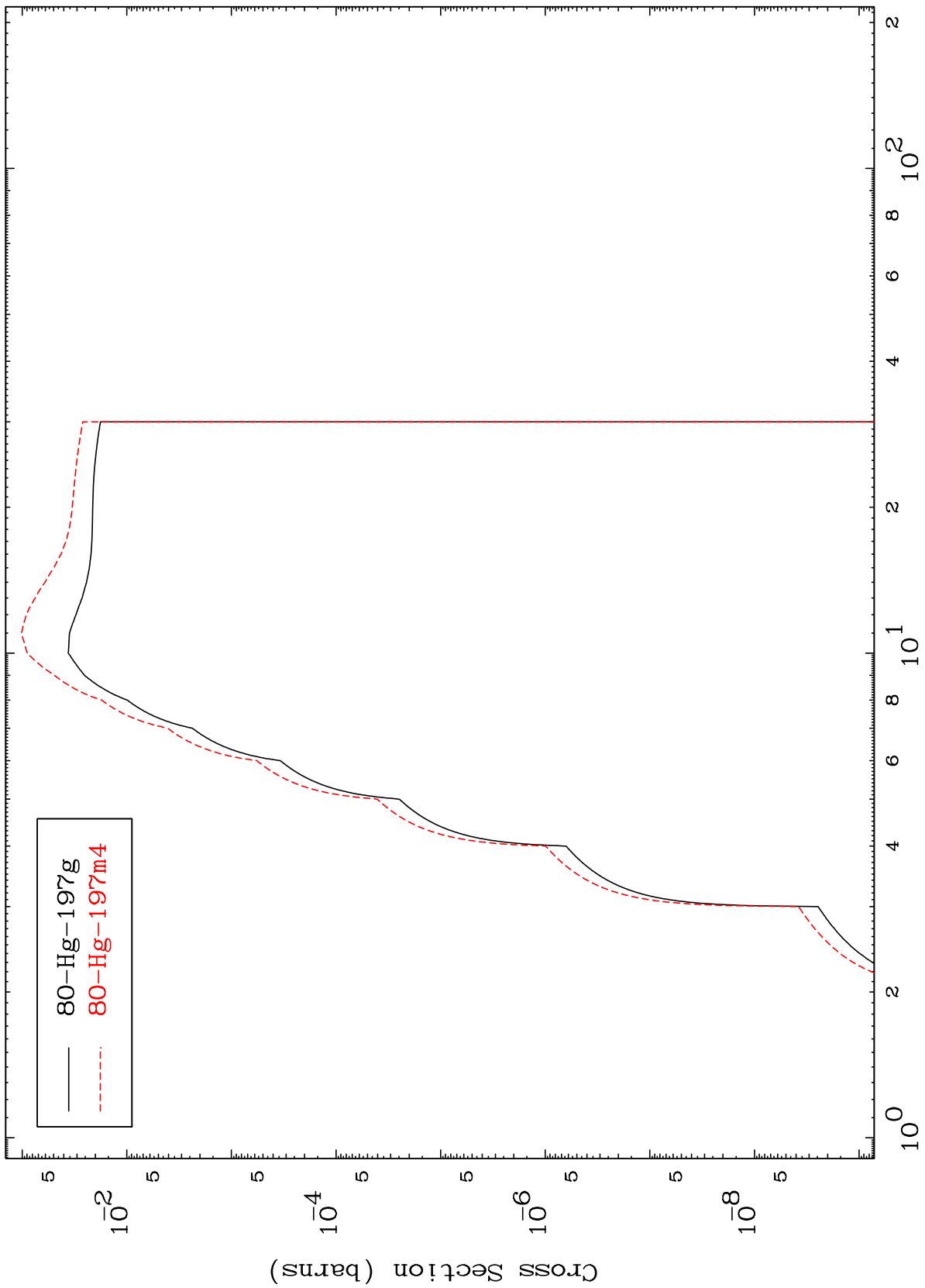
Incident Energy (MeV)

11

MAT 7926

79-Au-197m

Radionuclide Production Cross Section



— 80-Hg-197g
- - - 80-Hg-197m4

Incident Energy (MeV)

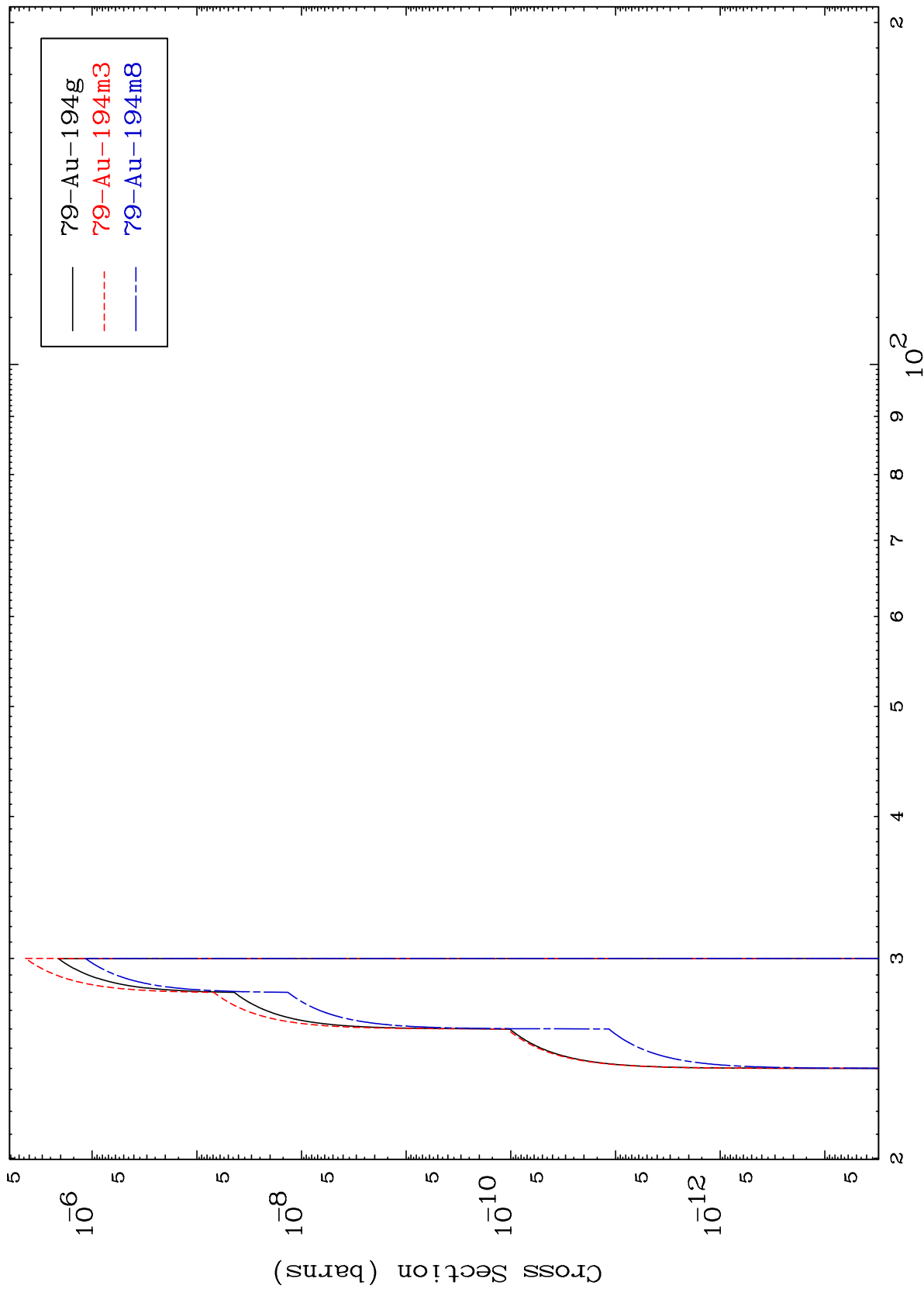
79-Au-197m

MAT 7926

(n,2n) d

⁷⁹Au-197m

Radionuclide Production Cross Section



13

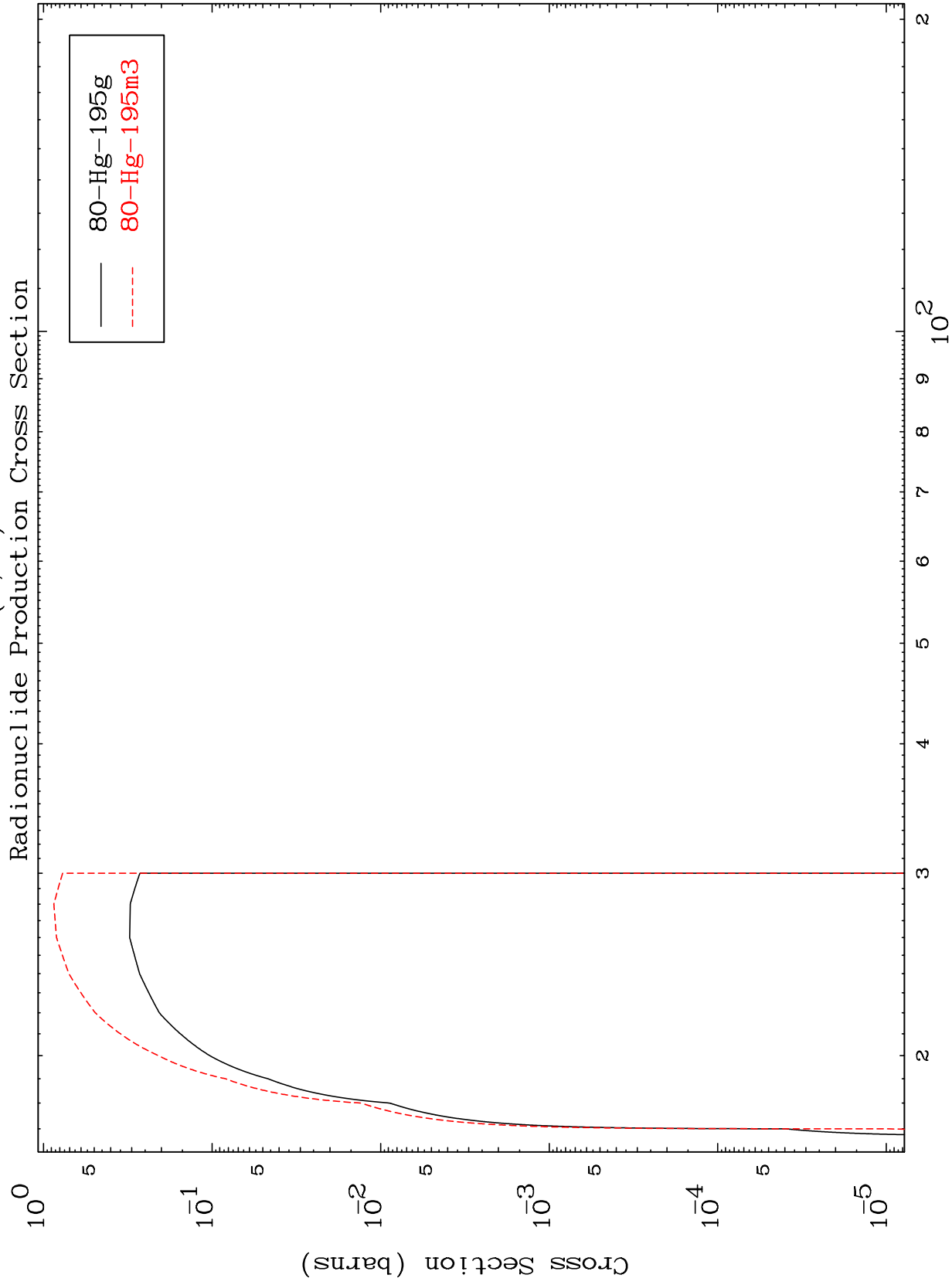
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

(n,3n)

⁷⁹Au-197m



14

Incident Energy (MeV)

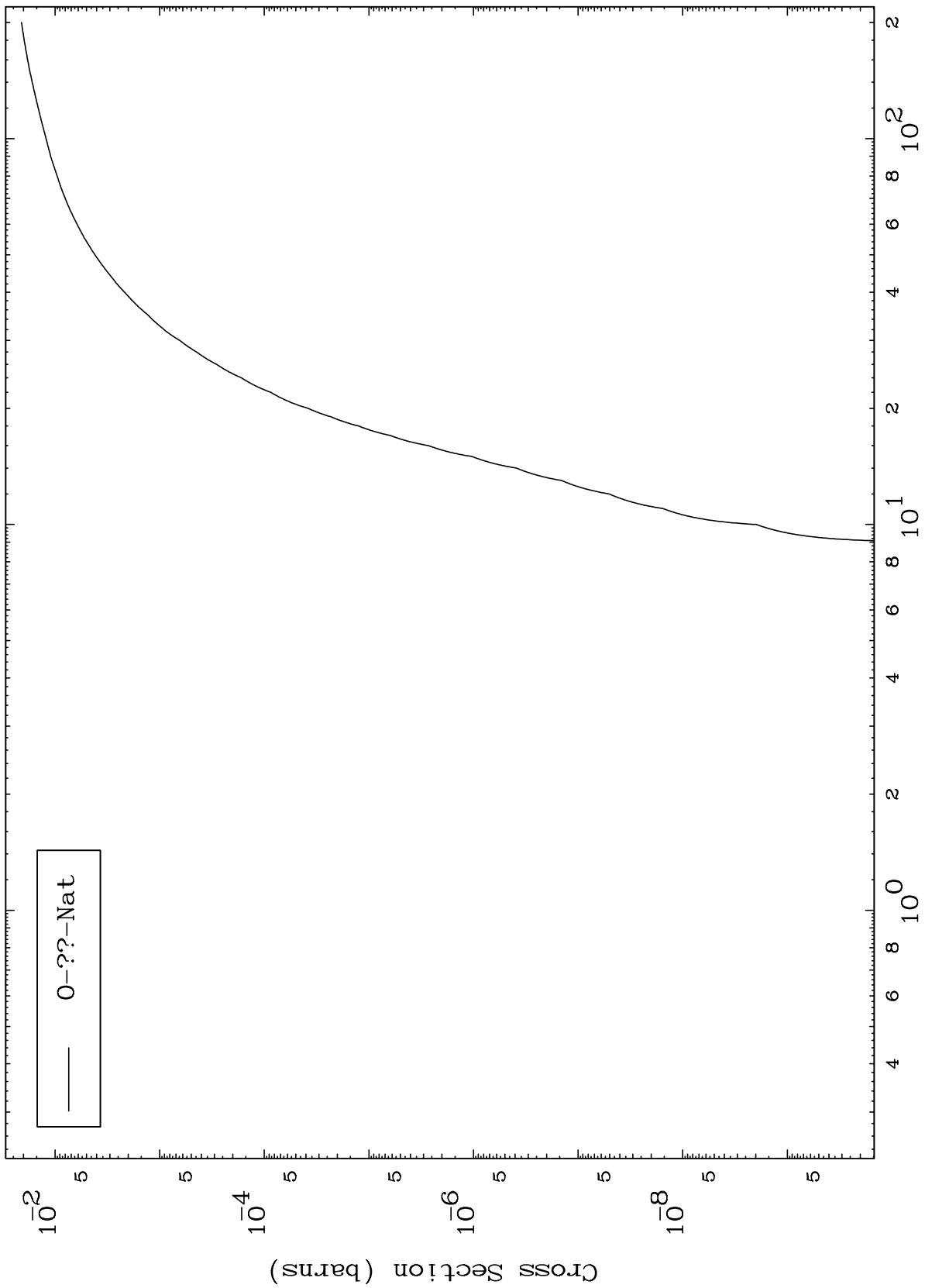
⁷⁹Au-197m

MAT 7926

Fission

⁷⁹Au-197m

Radionuclide Production Cross Section

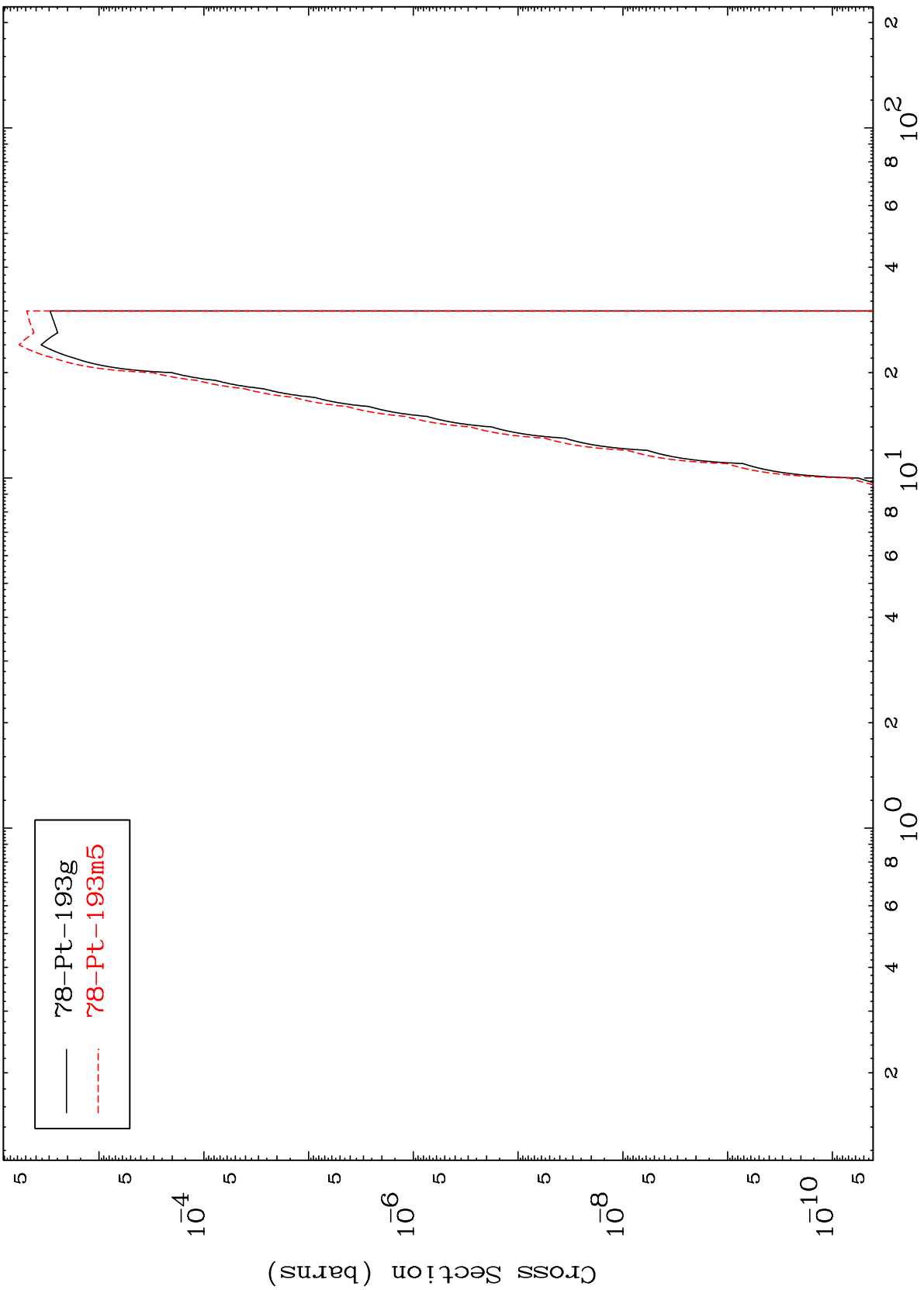


MAT 7926

$(n, n') \alpha$

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

Radionuclide Production Cross Section

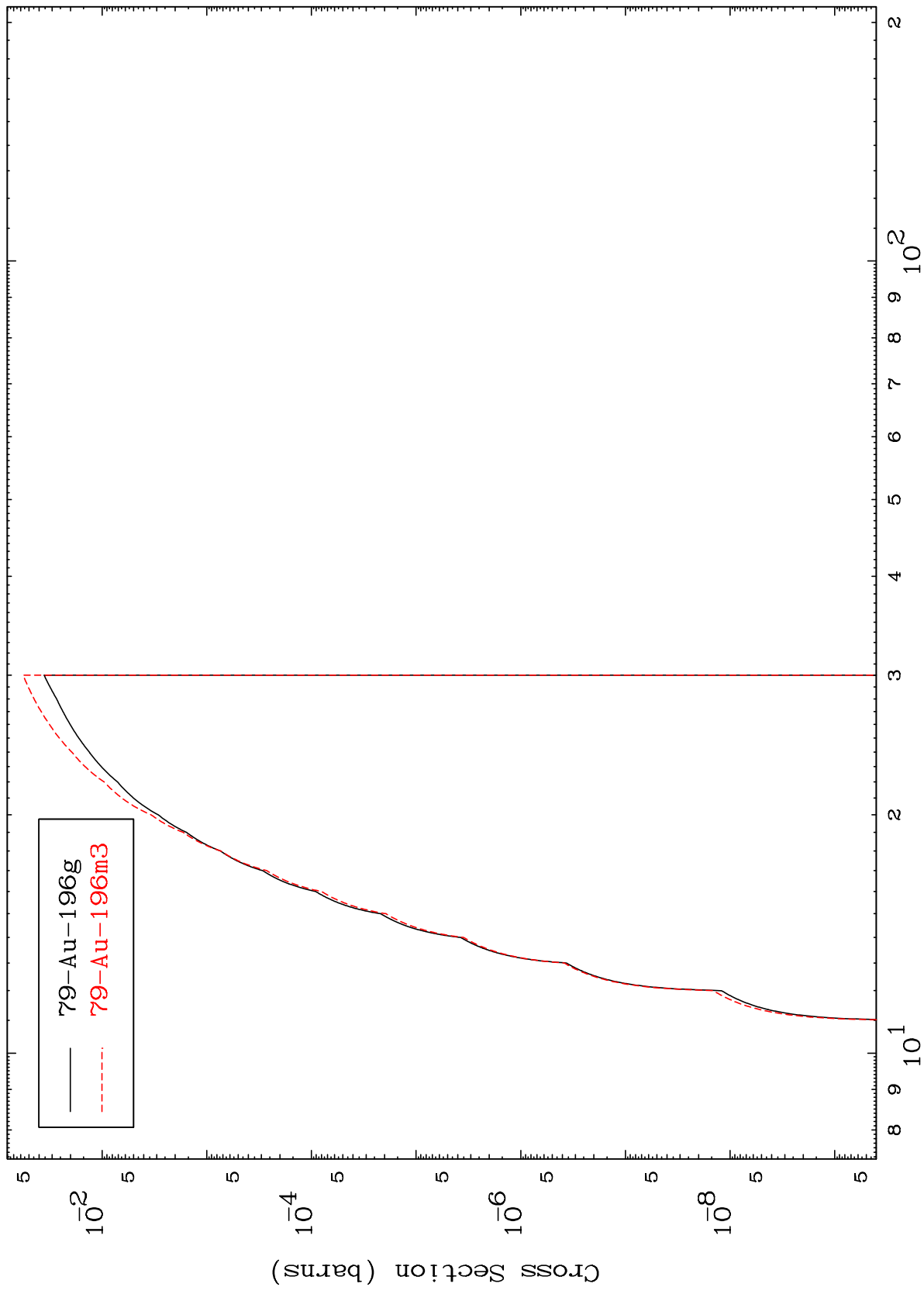


MAT 7926

(n,n') p

⁷⁹Au-197m

Radionuclide Production Cross Section



17

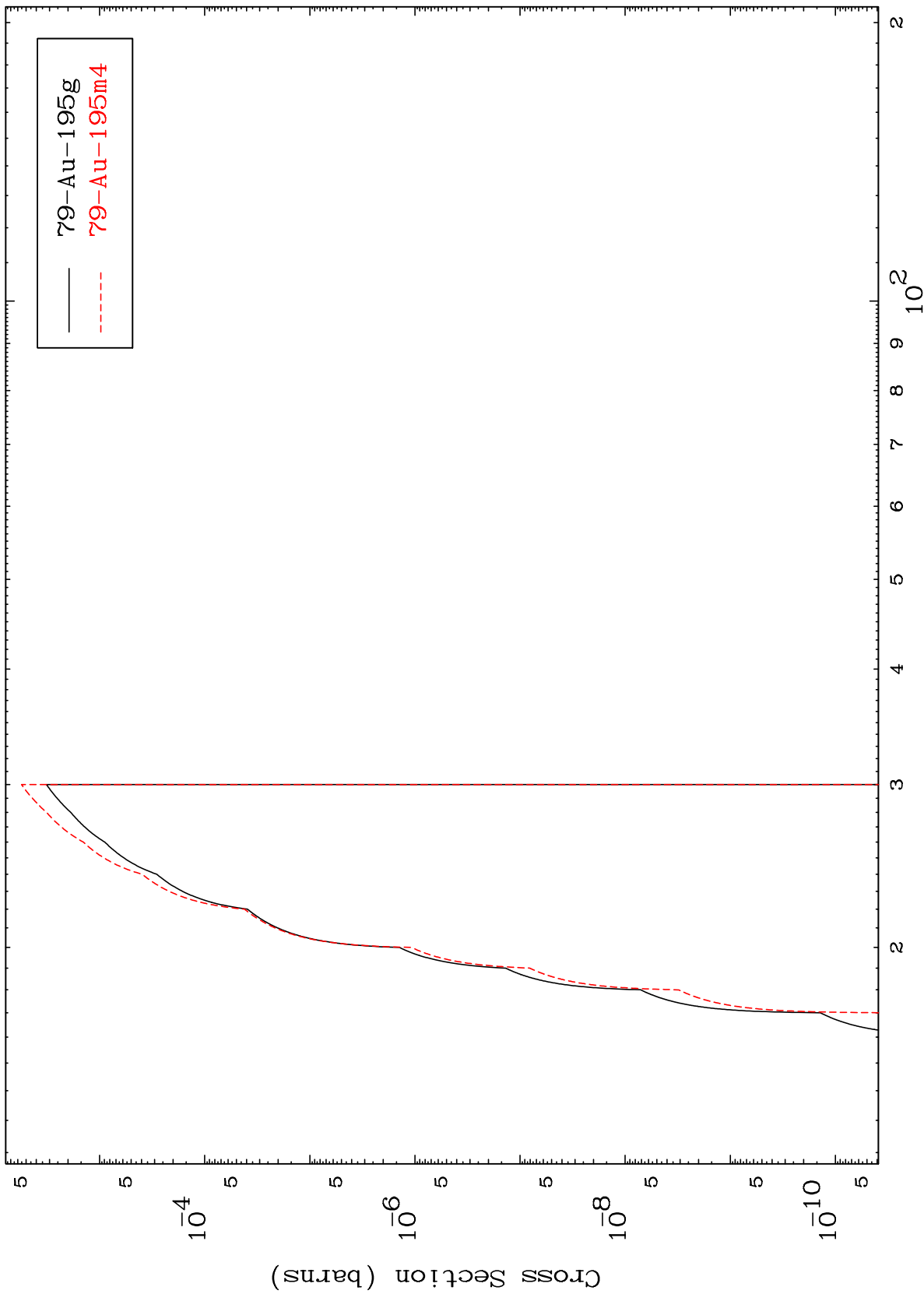
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

⁷⁹Au-197m

(n,n') d
Radionuclide Production Cross Section



18

Incident Energy (MeV)

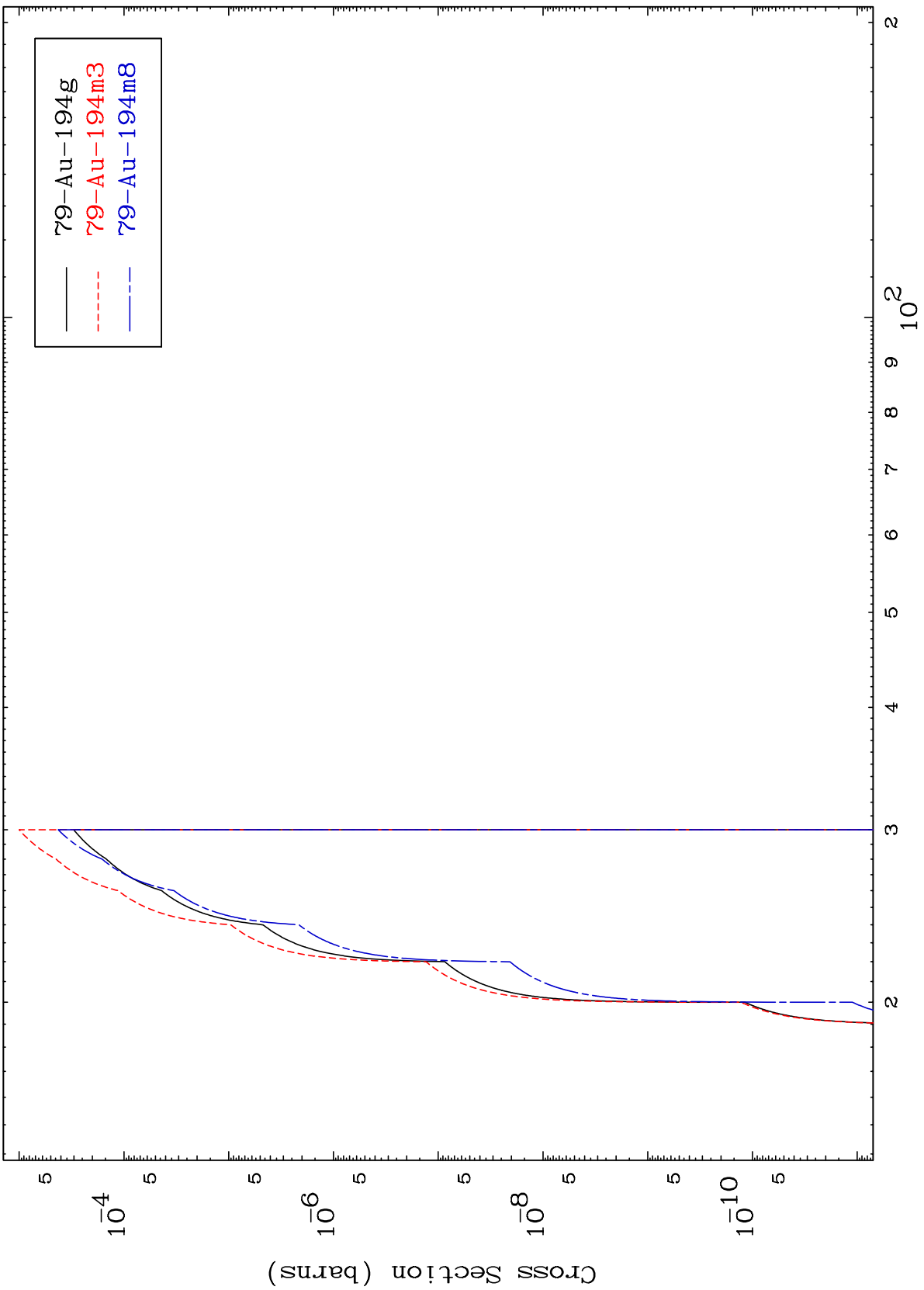
⁷⁹Au-197m

MAT 7926

(n,n') t

⁷⁹Au-197m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

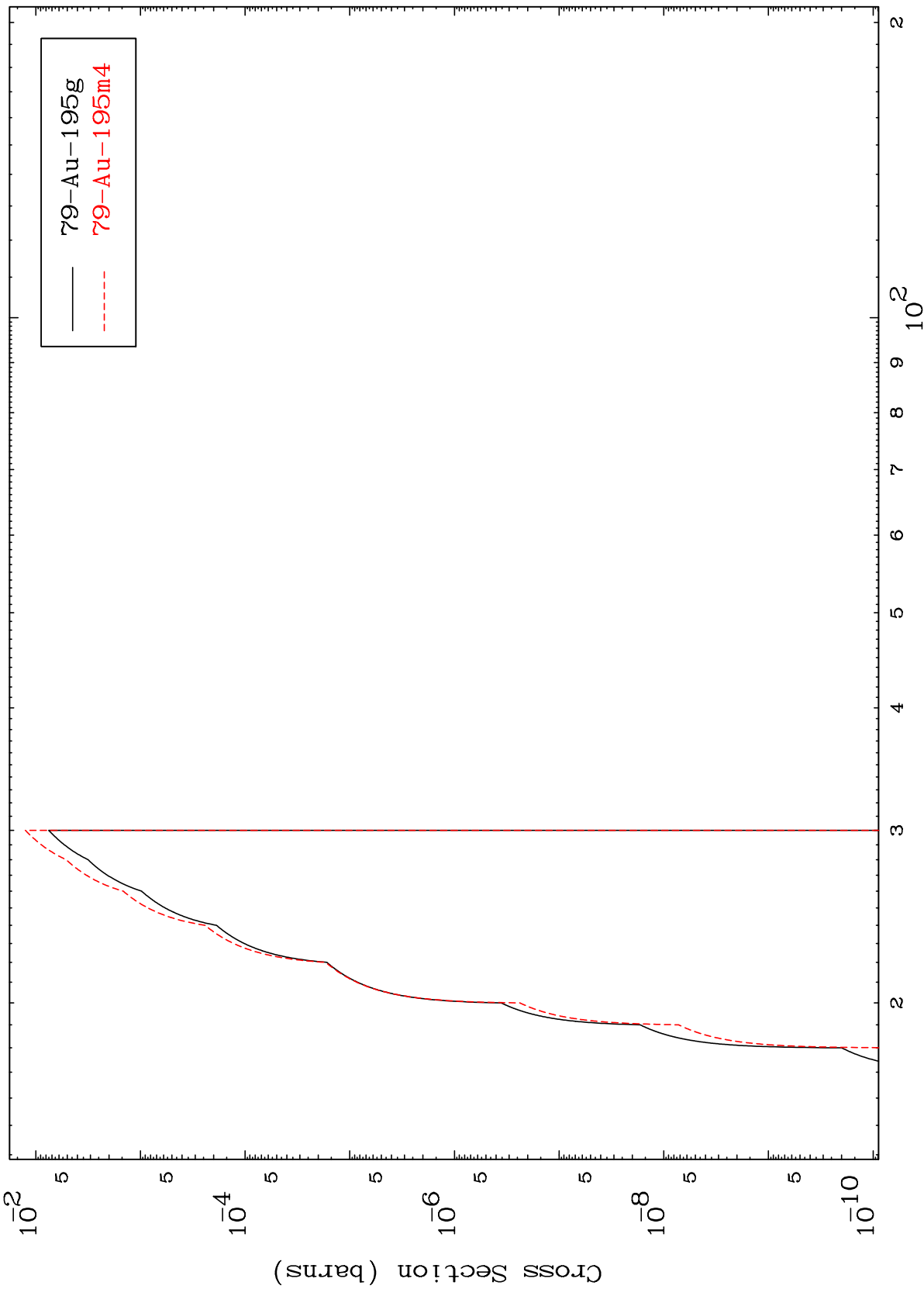
⁷⁹Au-197m

MAT 7926

(n,2n) p

⁷⁹Au-197m

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

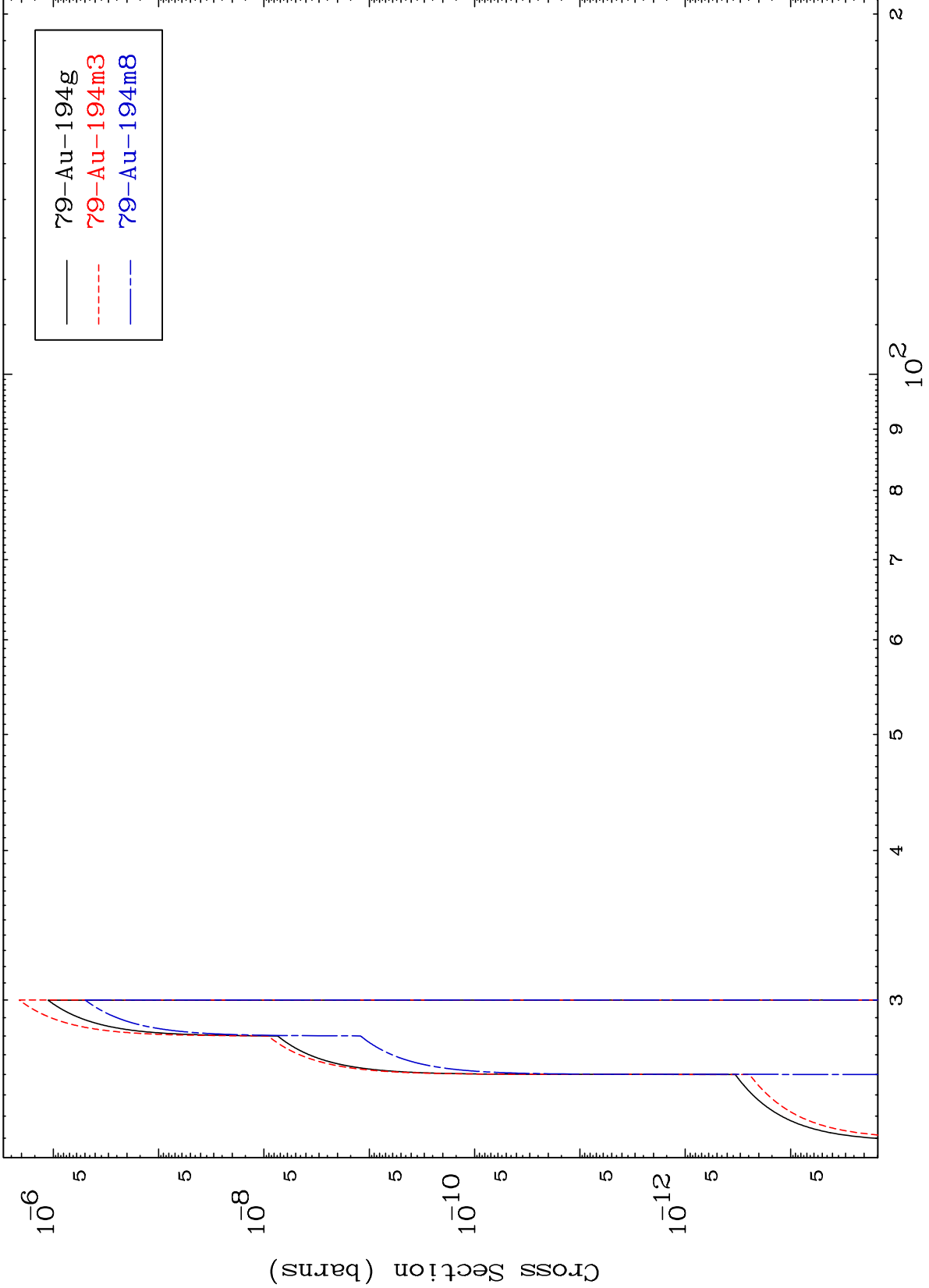
⁷⁹Au-197m

MAT 7926

(n,3n) p

⁷⁹Au-197m

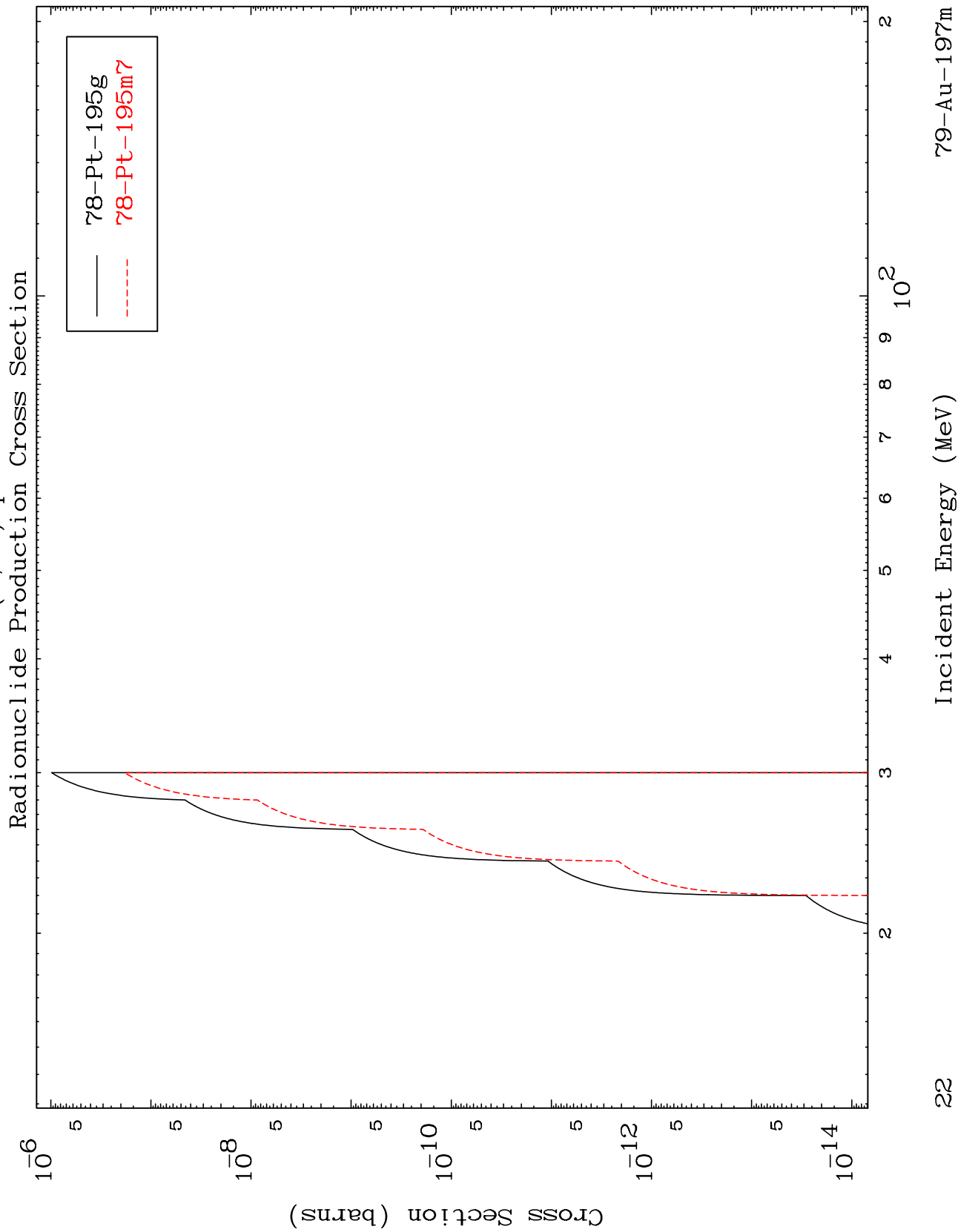
Radionuclide Production Cross Section



MAT 7926

(n,2n) p

79-Au-197m



22

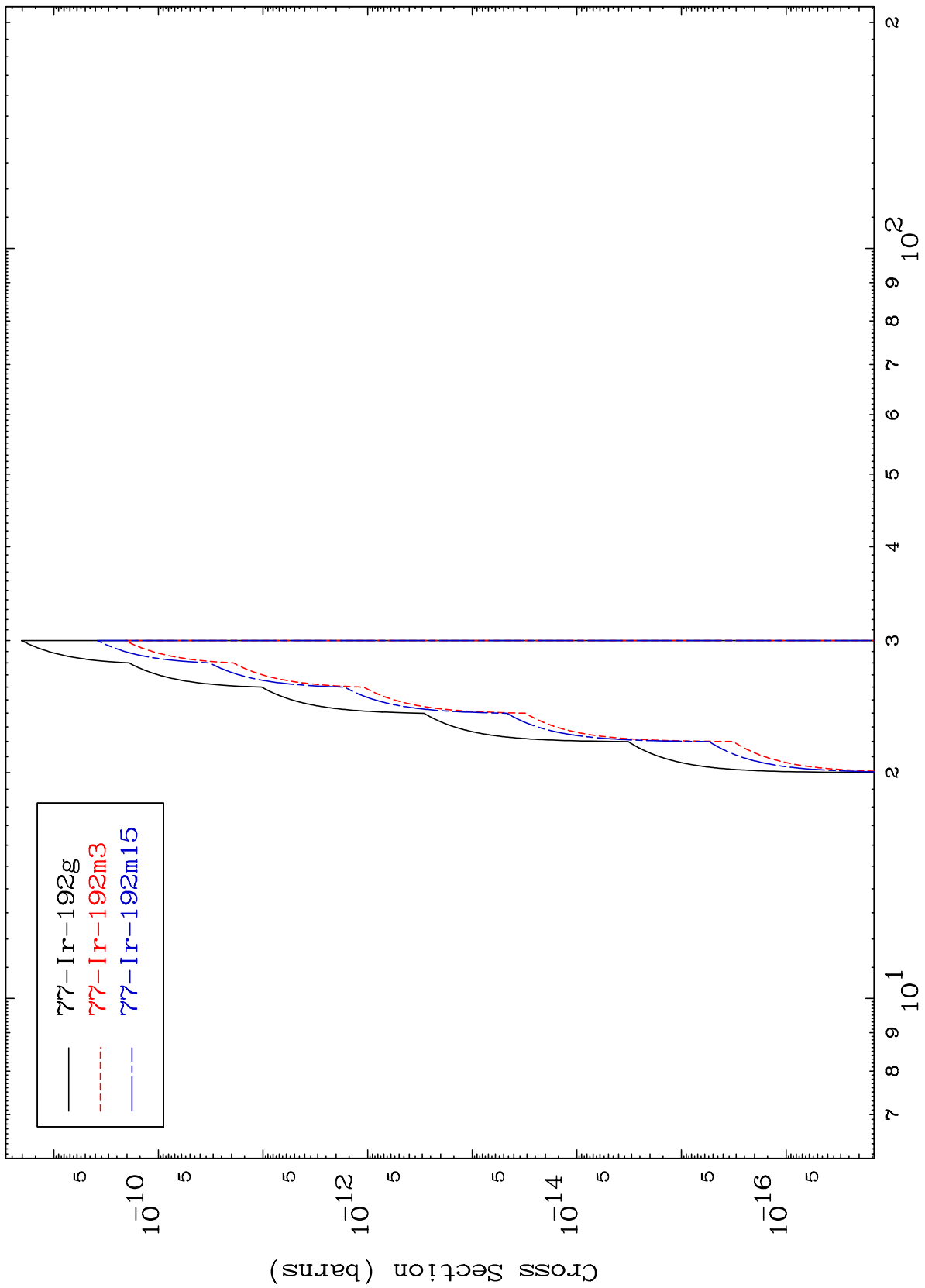
79-Au-197m

MAT 7926

(n,n') p α

79-Au-197m

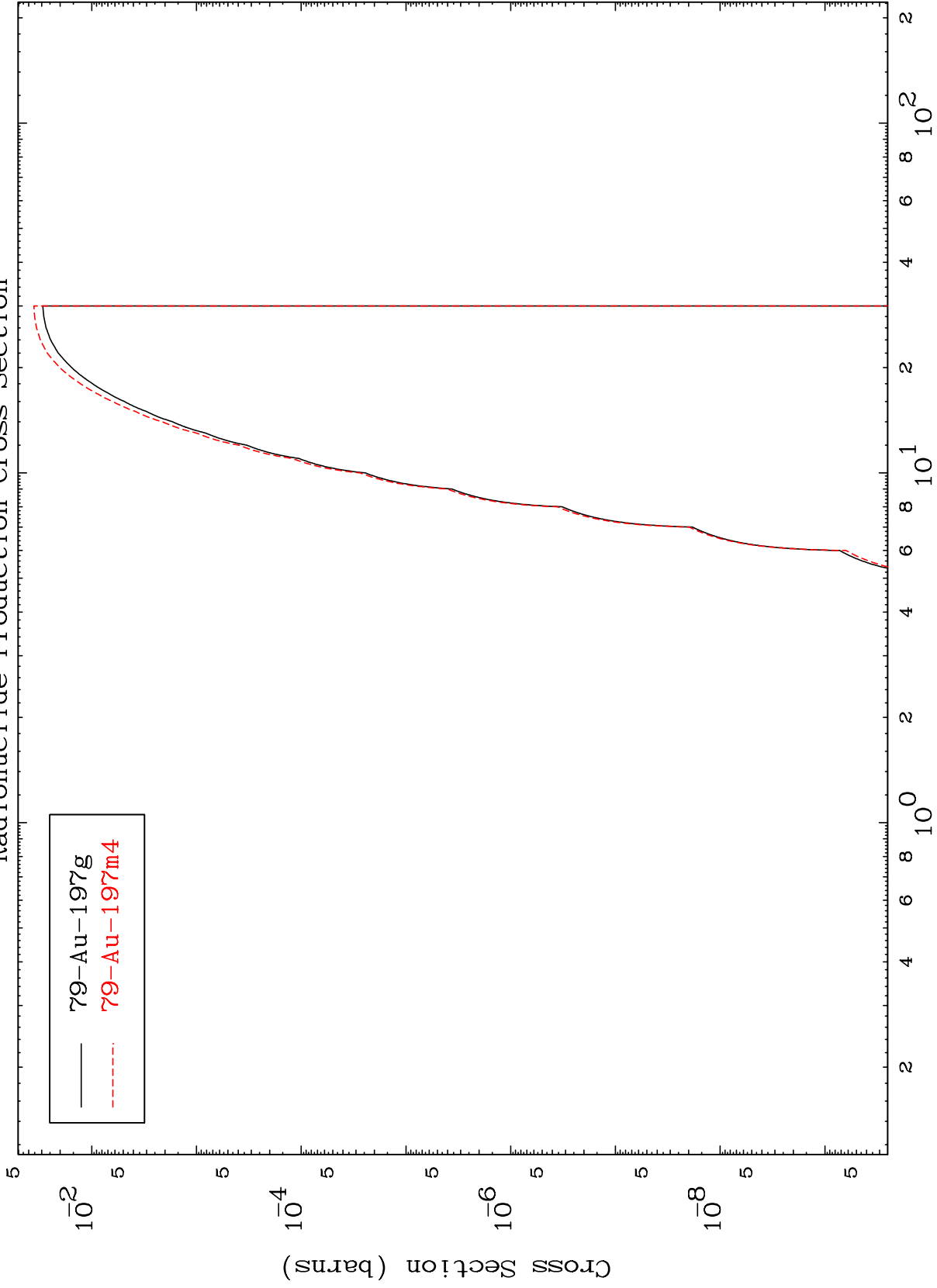
Radionuclide Production Cross Section



MAT 7926

⁷⁹Au-197m

Radionuclide Production Cross Section (n,p)



⁷⁹Au-197m

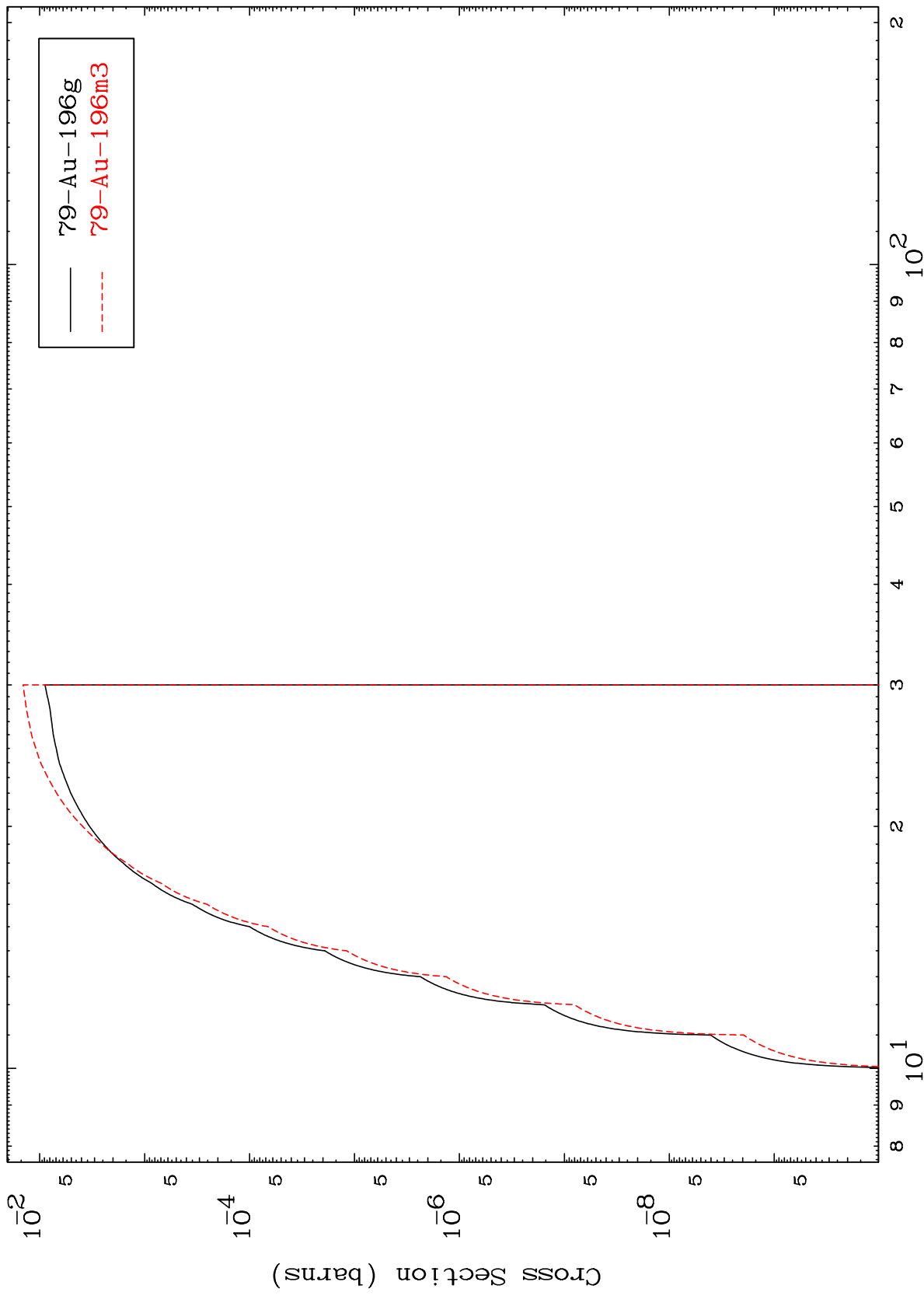
Incident Energy (MeV)

24

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⁷⁹Au-197m

(n,d)
Radionuclide Production Cross Section



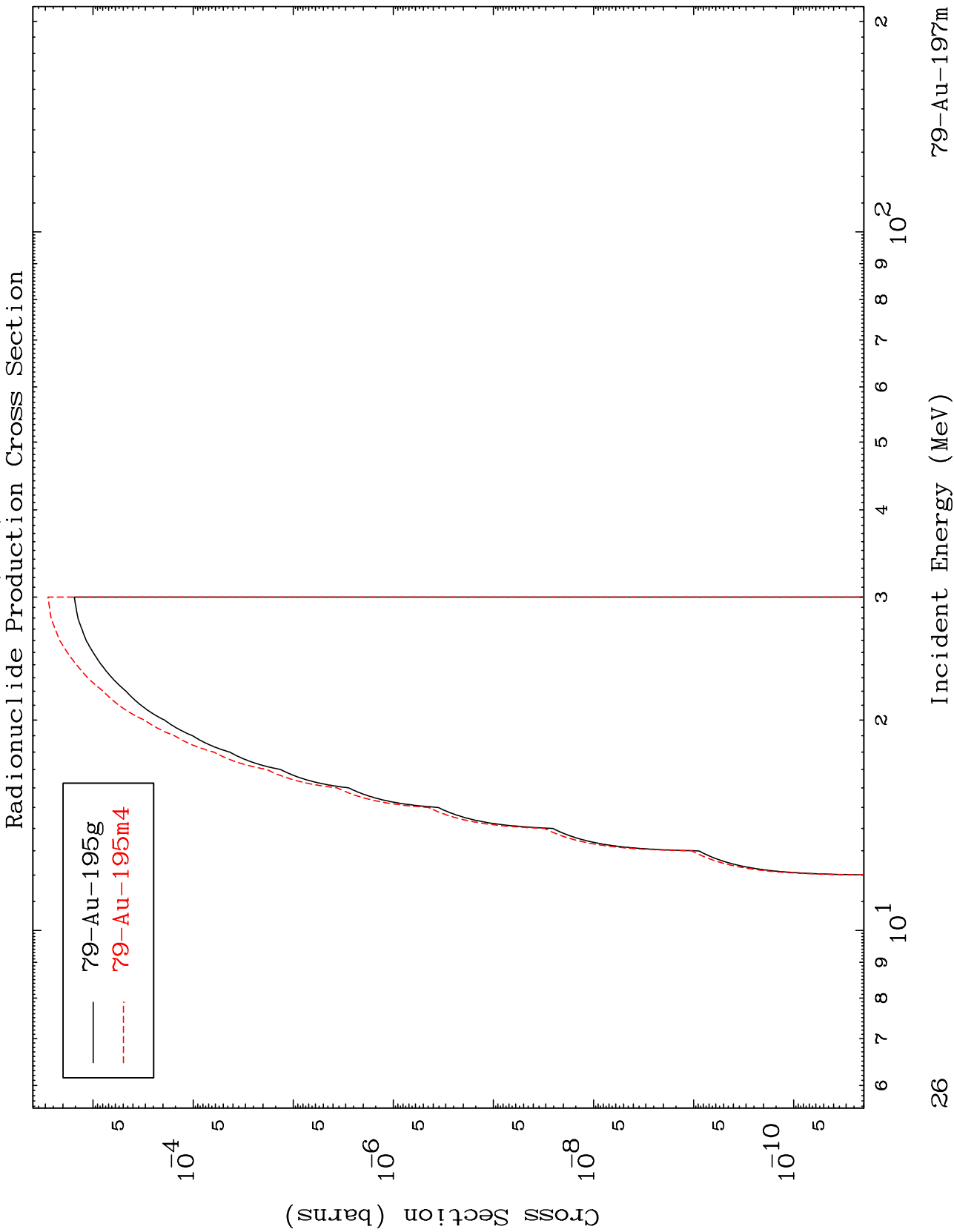
⁷⁹Au-197m

Incident Energy (MeV)

25

MAT 7926

⁷⁹Au-197m



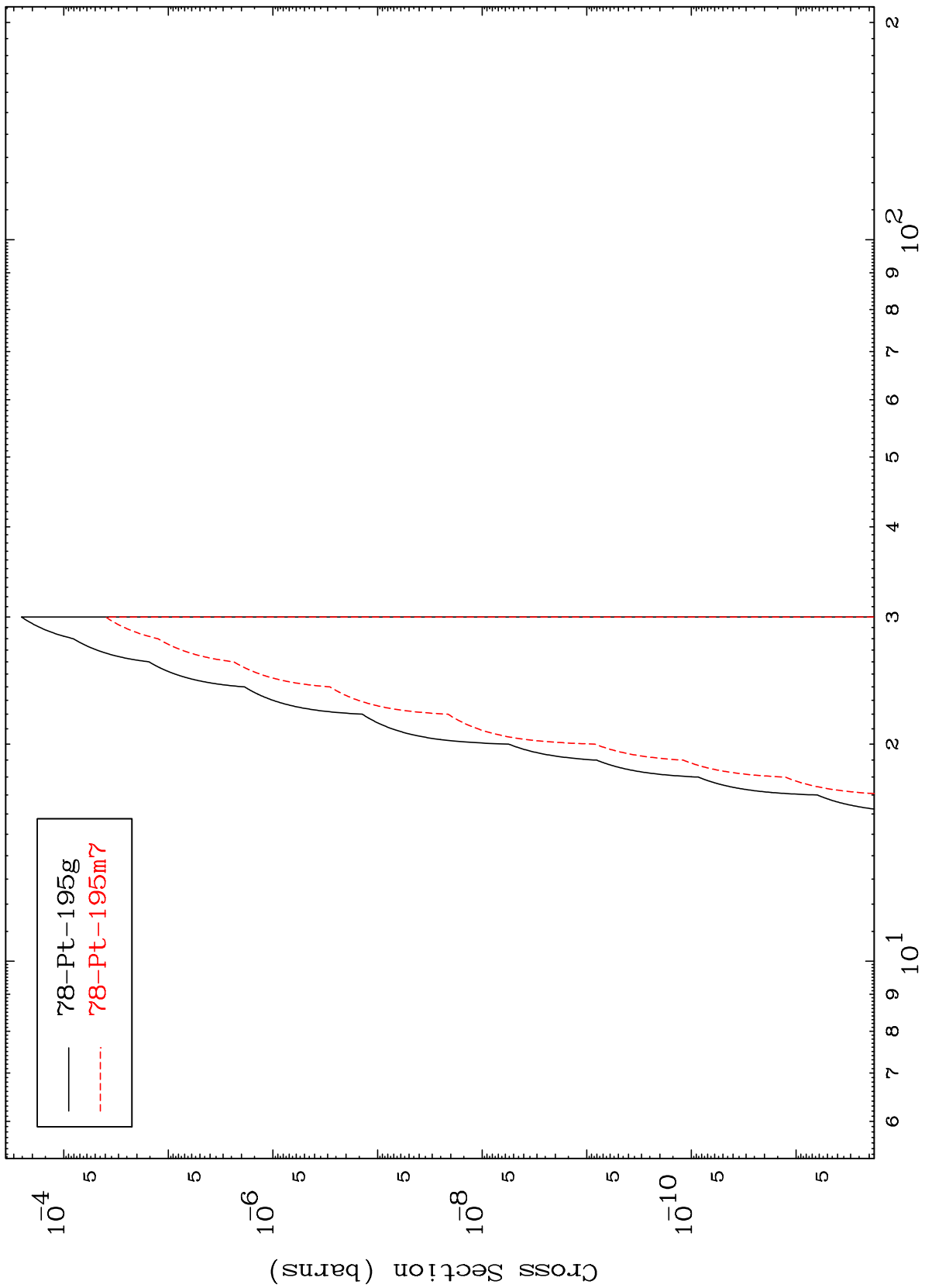
26

⁷⁹Au-197m

MAT 7926

79-Au-197m

(n,He-3)
Radionuclide Production Cross Section



27

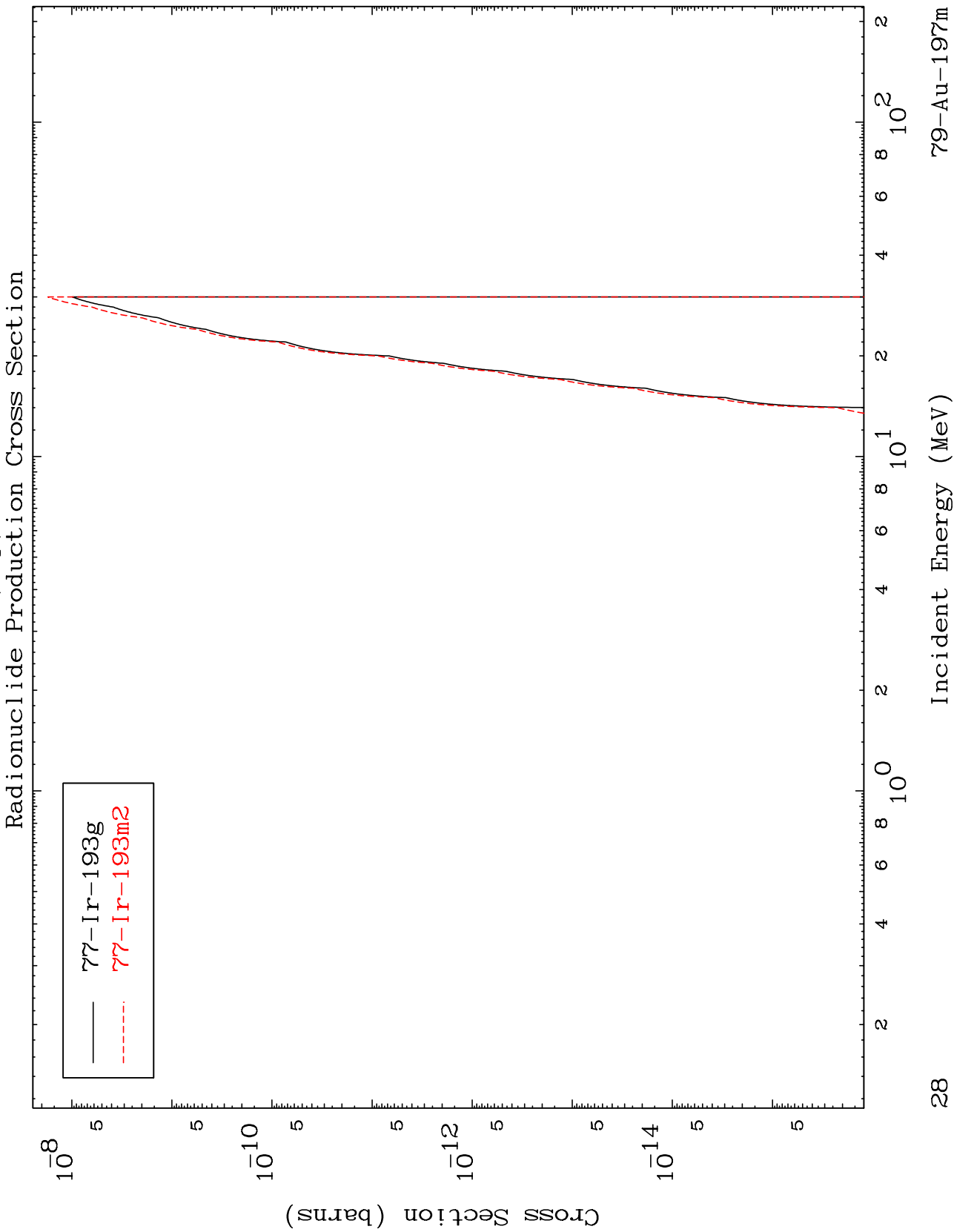
79-Au-197m

Incident Energy (MeV)

MAT 7926

(n,p) α

79-Au-197m

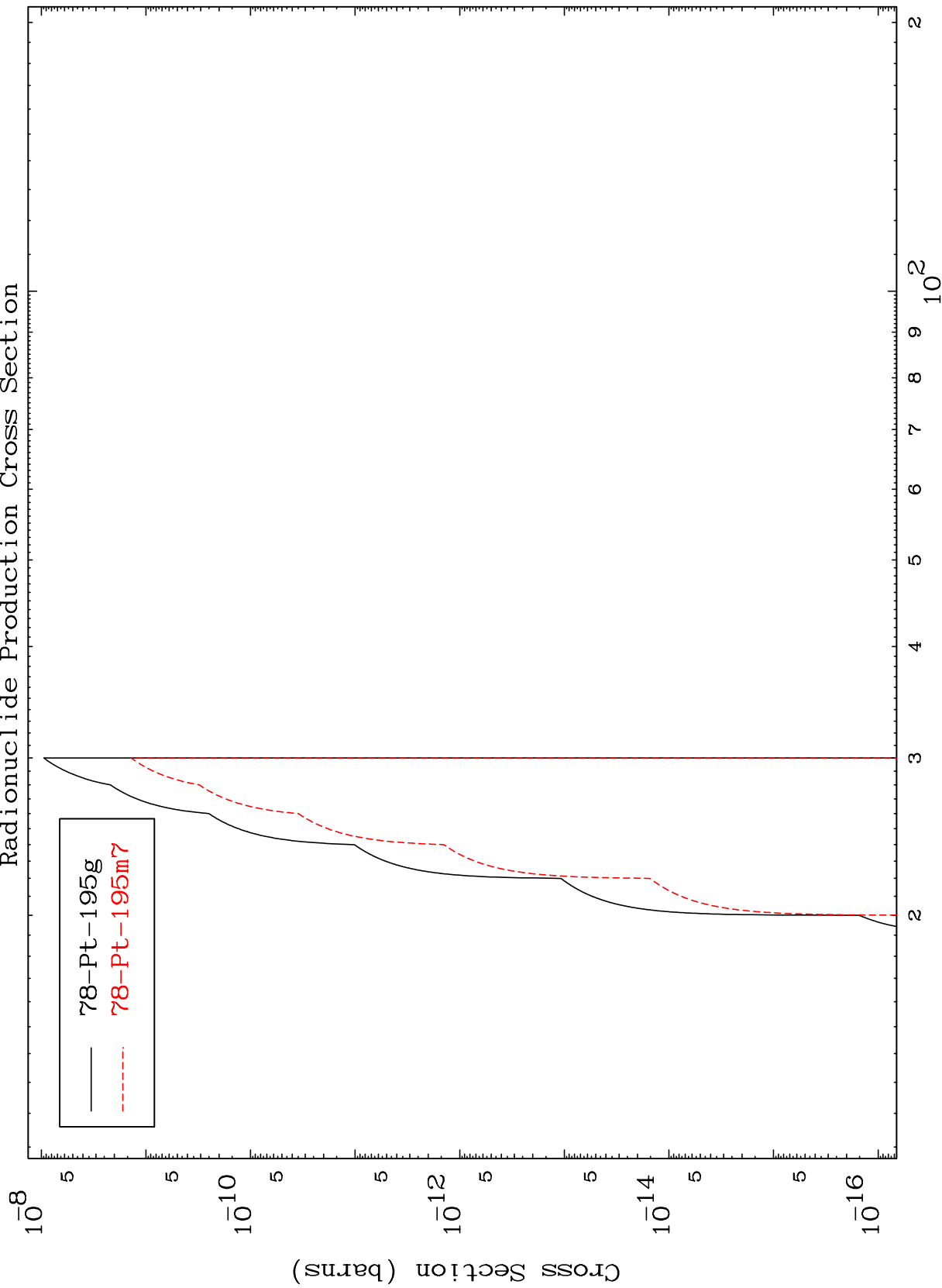


MAT 7926

(n,p) d

79-Au-197m

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-197m

29