

Program EVALPLOT
(Version 2021-1)

by

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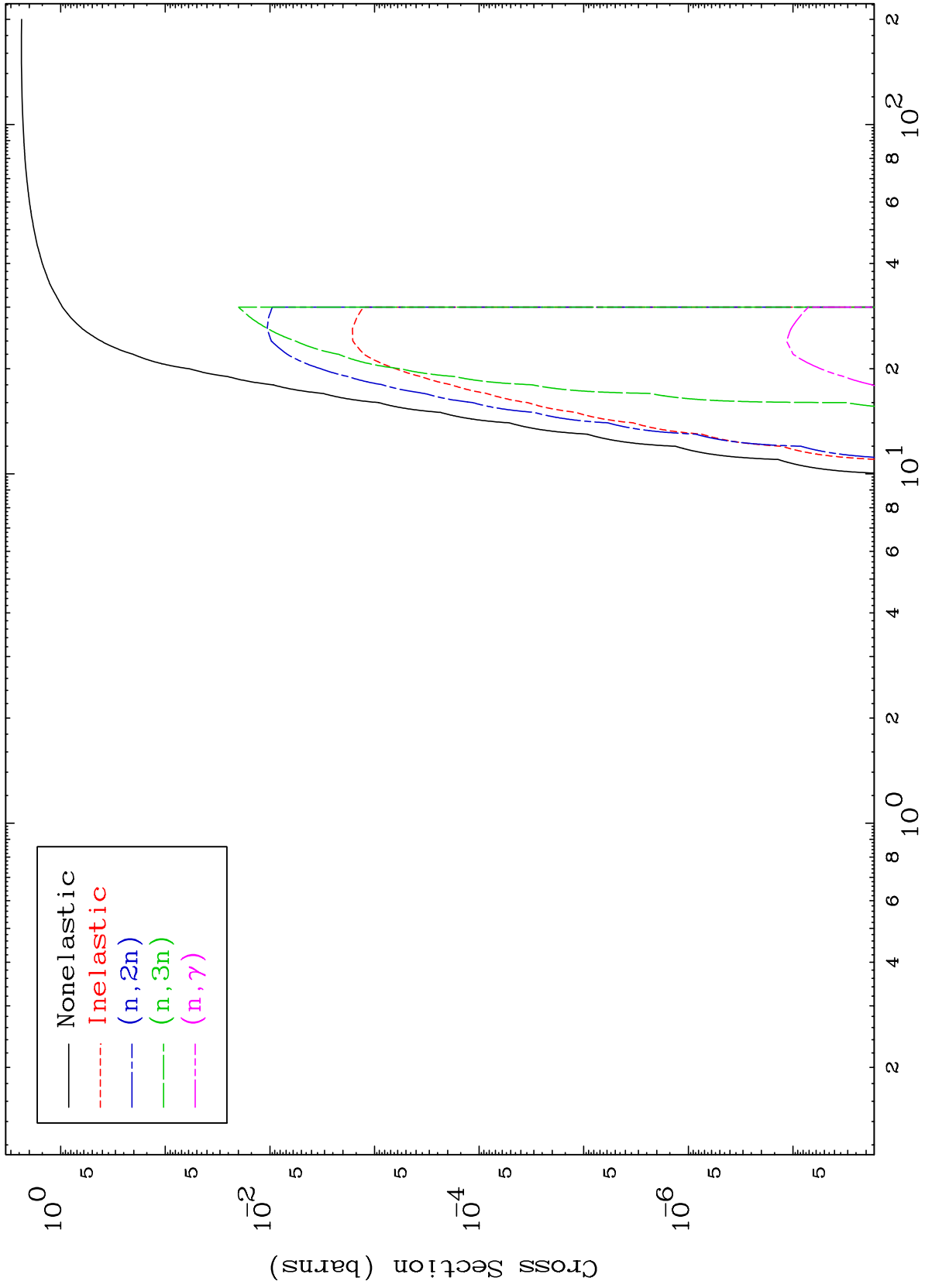
Press Mouse Button to Start

MAT 7914

He-3 Major

79-Au-193m

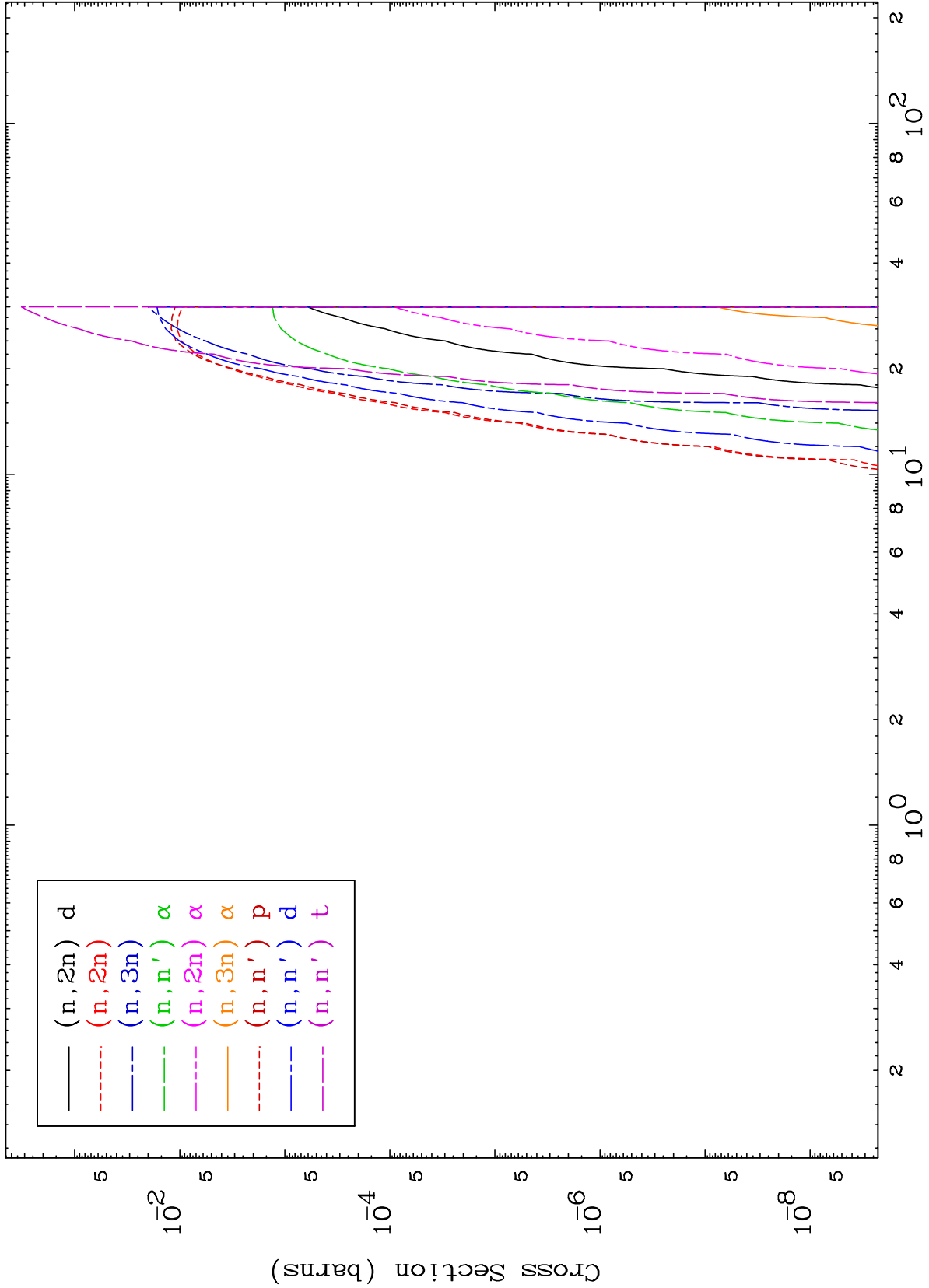
0 Kelvin Cross Sections



MAT 7914

He-3 Neutron Absorption
0 Kelvin Cross Sections

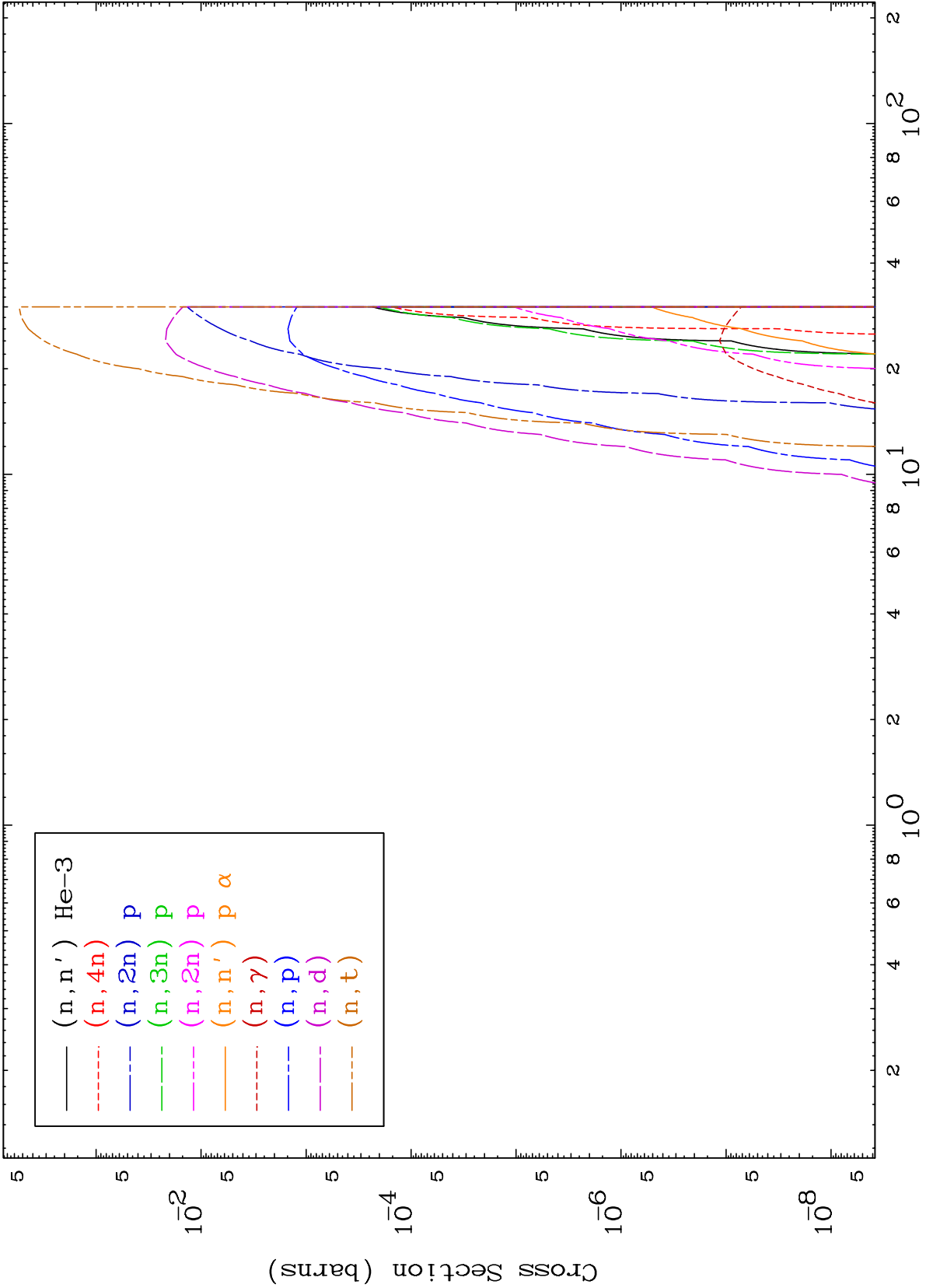
79-Au-193m



MAT 7914

He-3 Neutron Absorption
0 Kelvin Cross Sections

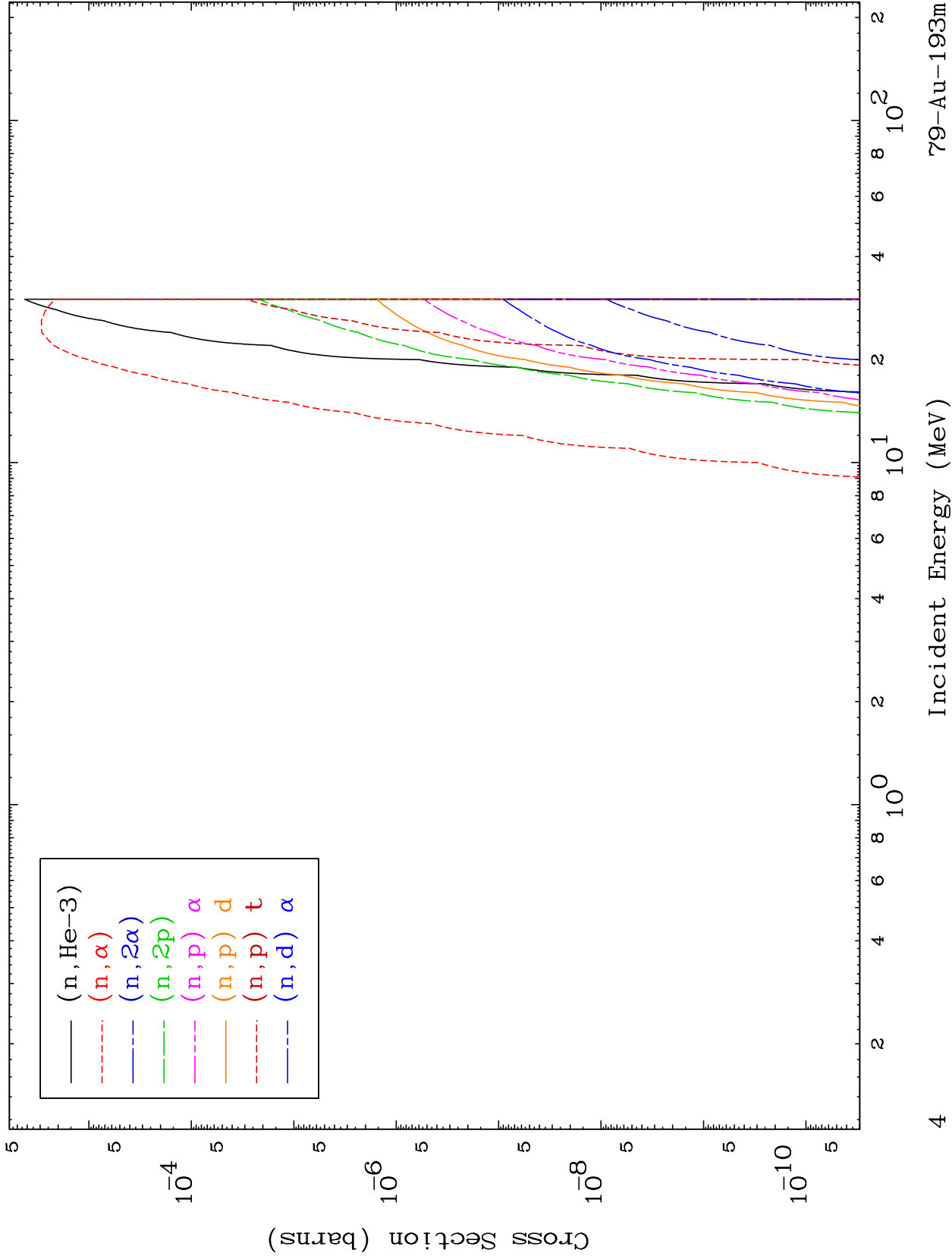
79-Au-193m



MAT 7914

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-193m



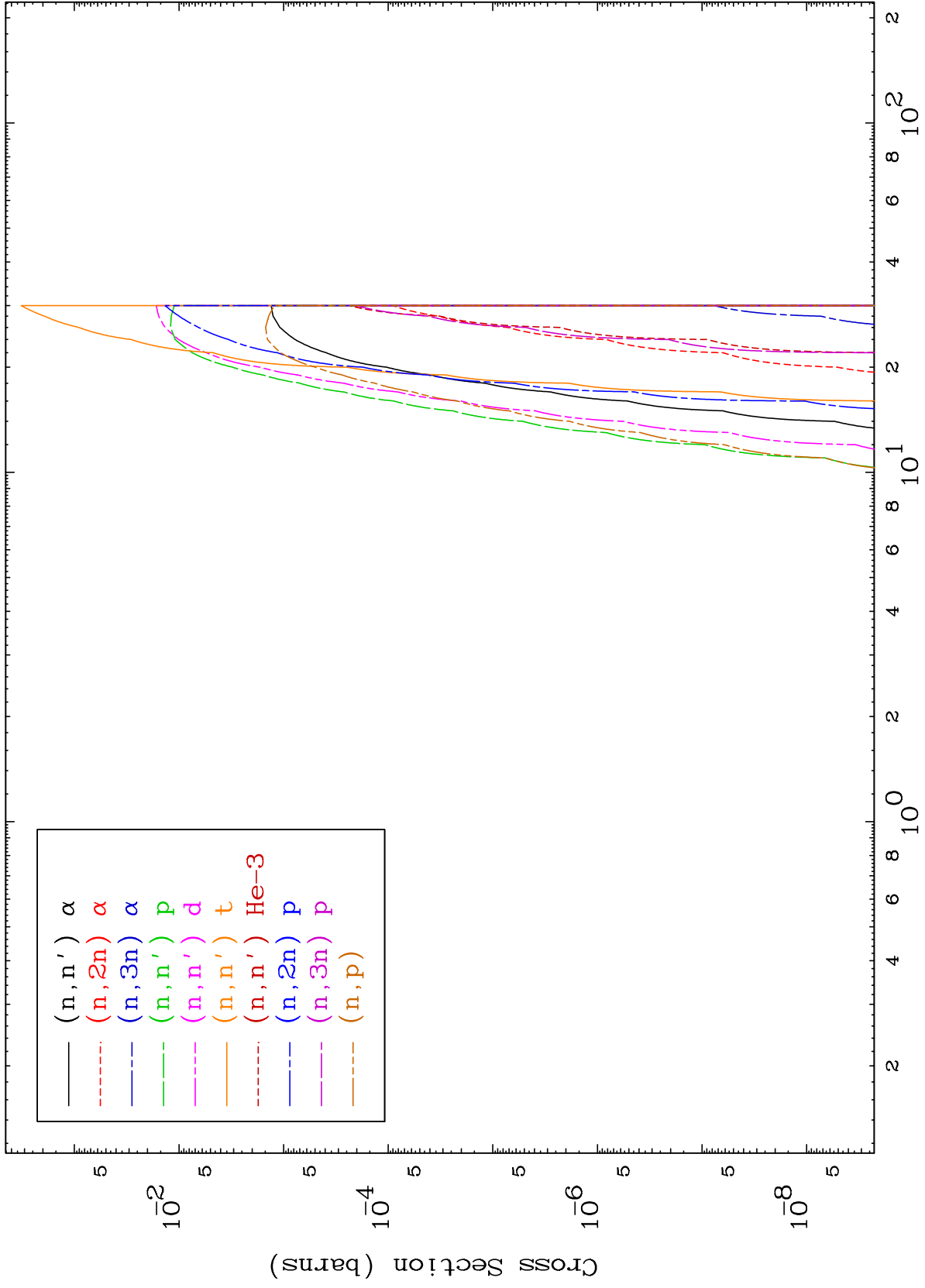
79-Au-193m

Incident Energy (MeV)

MAT 7914

He-3 Charged Particle
0 Kelvin Cross Sections

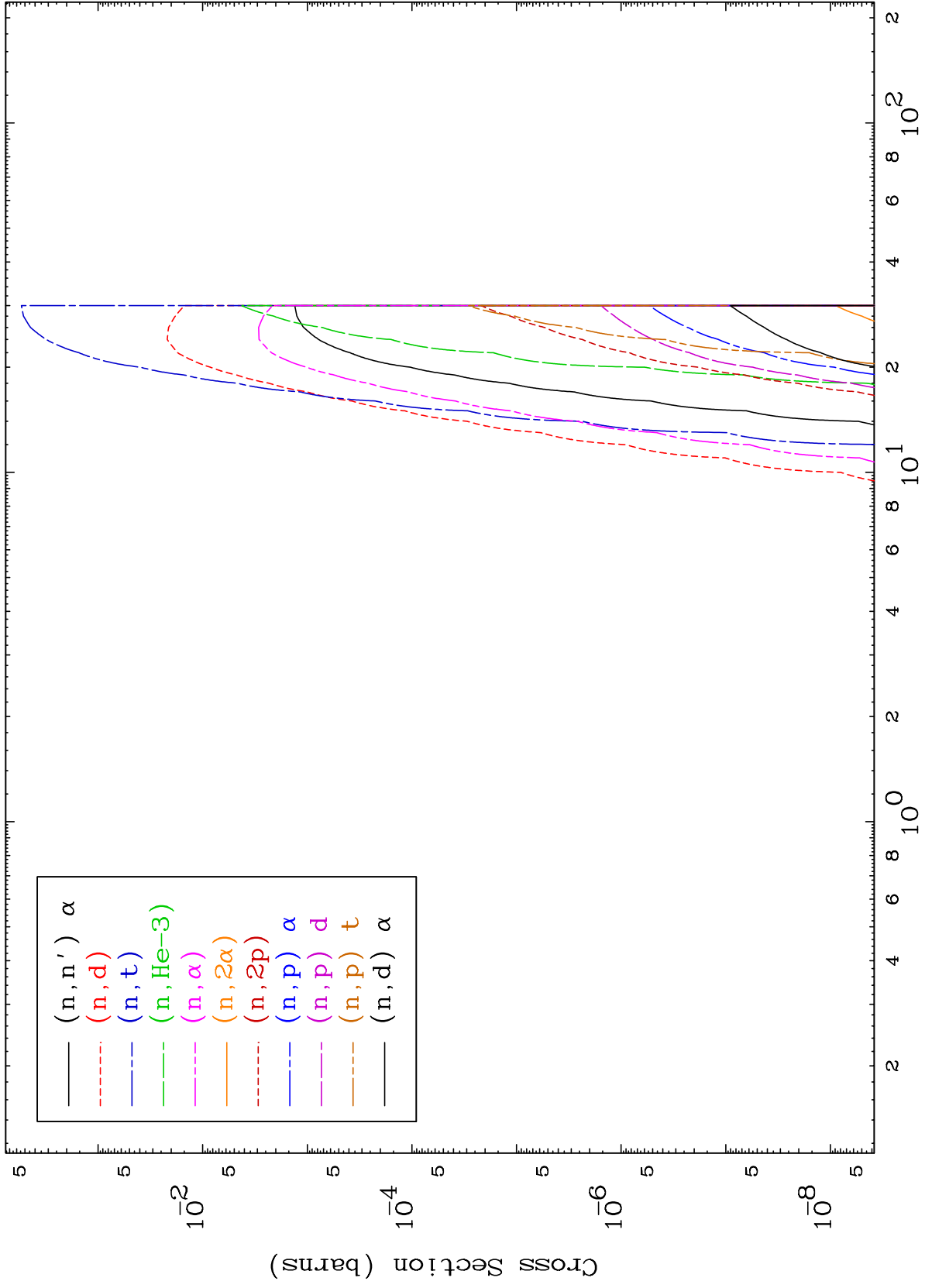
79-Au-193m



MAT 7914

He-3 Charged Particle
0 Kelvin Cross Sections

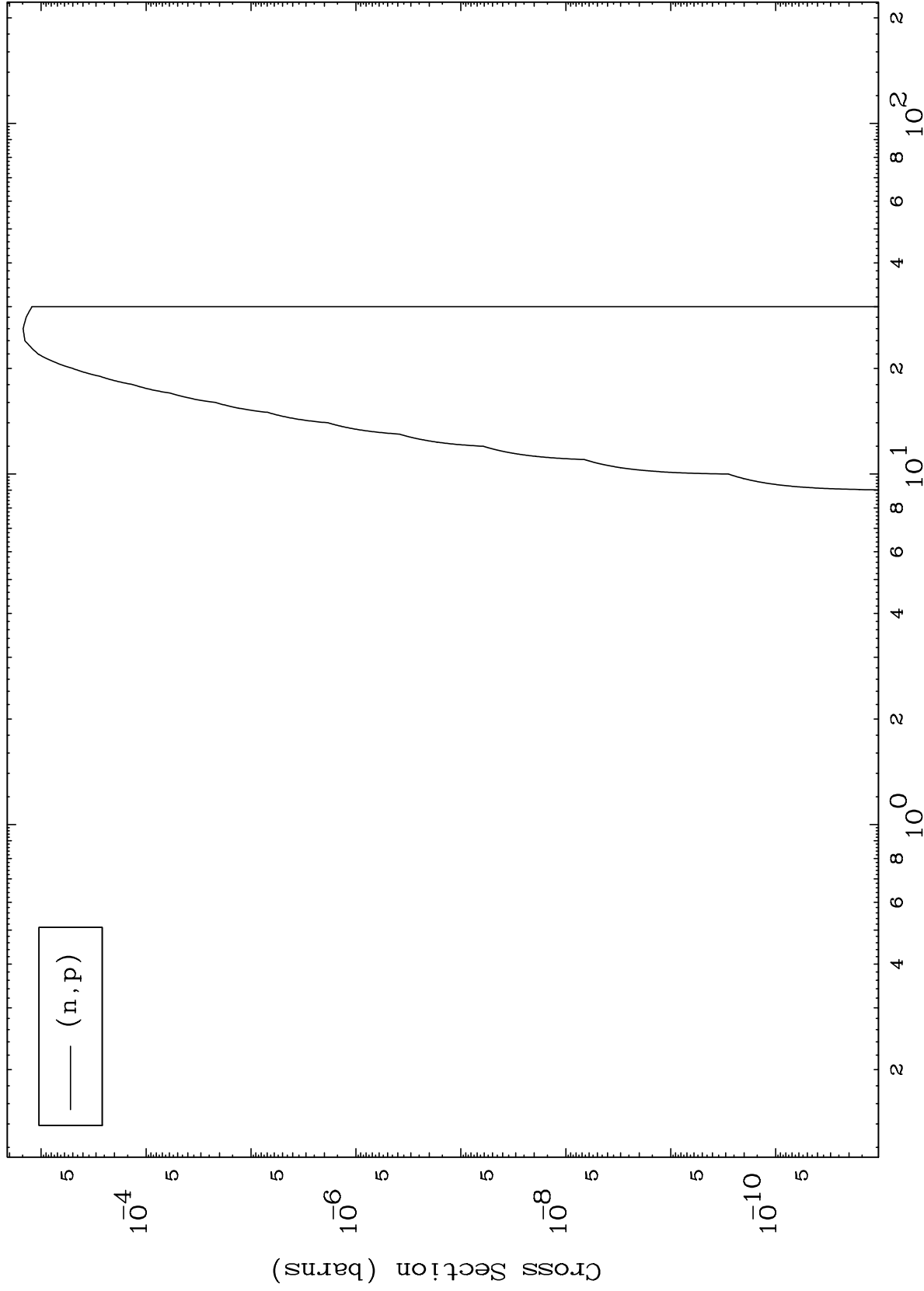
79-Au-193m



MAT 7914

79-Au-193m

(He-3,p) Levels
0 Kelvin Cross Sections

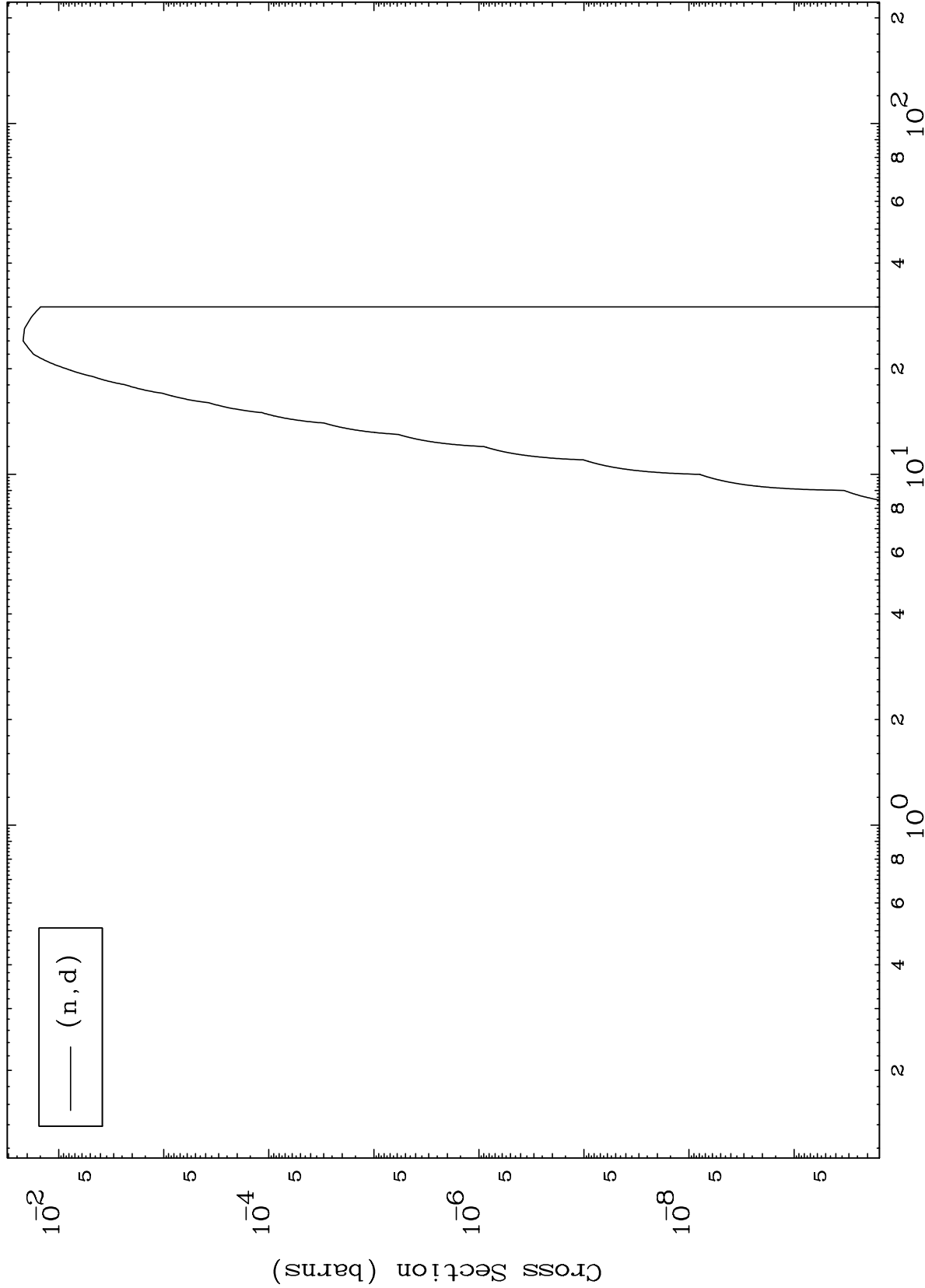


MAT 7914

(He-3,d) Levels

79-Au-193m

0 Kelvin Cross Sections

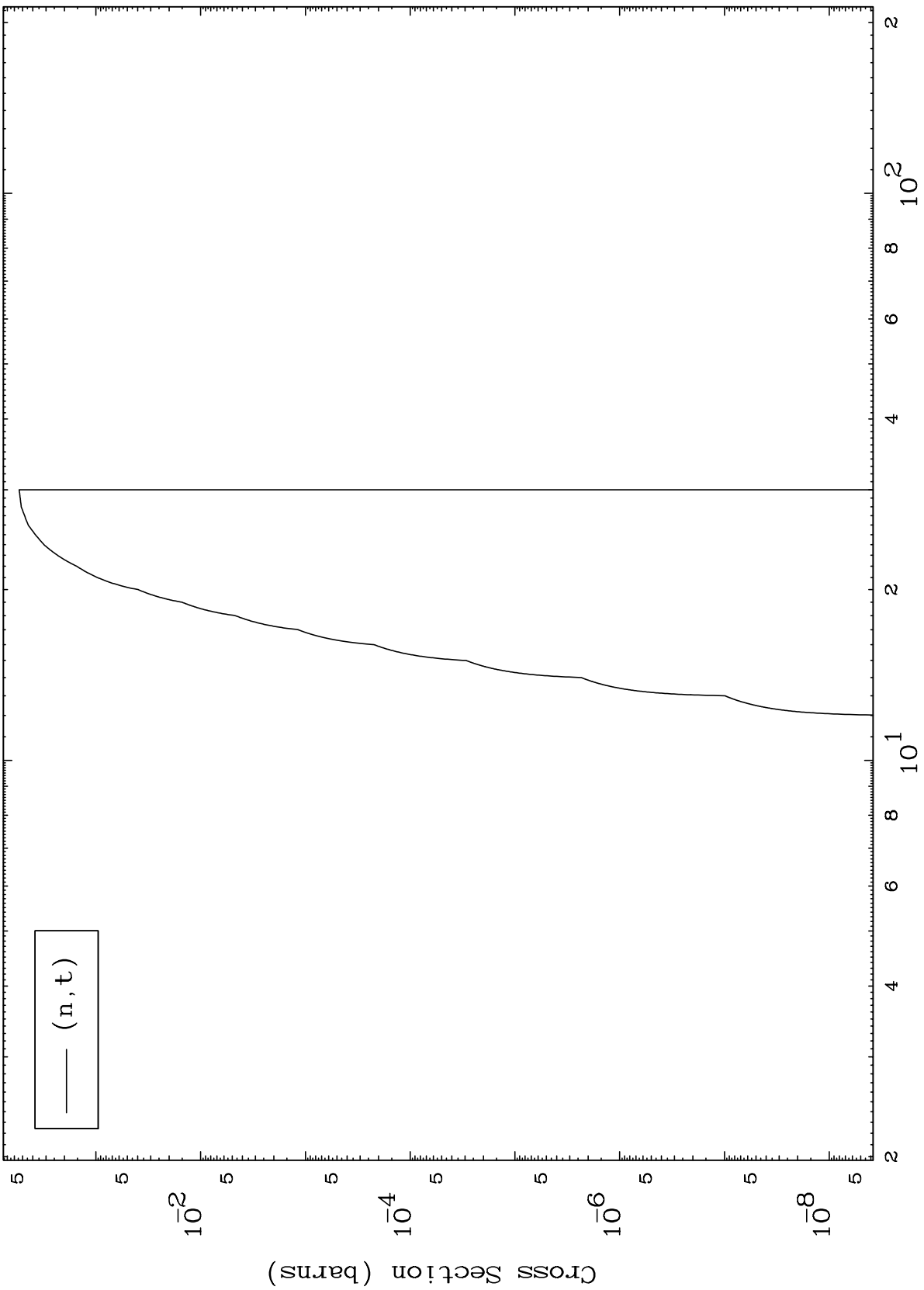


MAT 7914

(He-3,t) Levels

79-Au-193m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

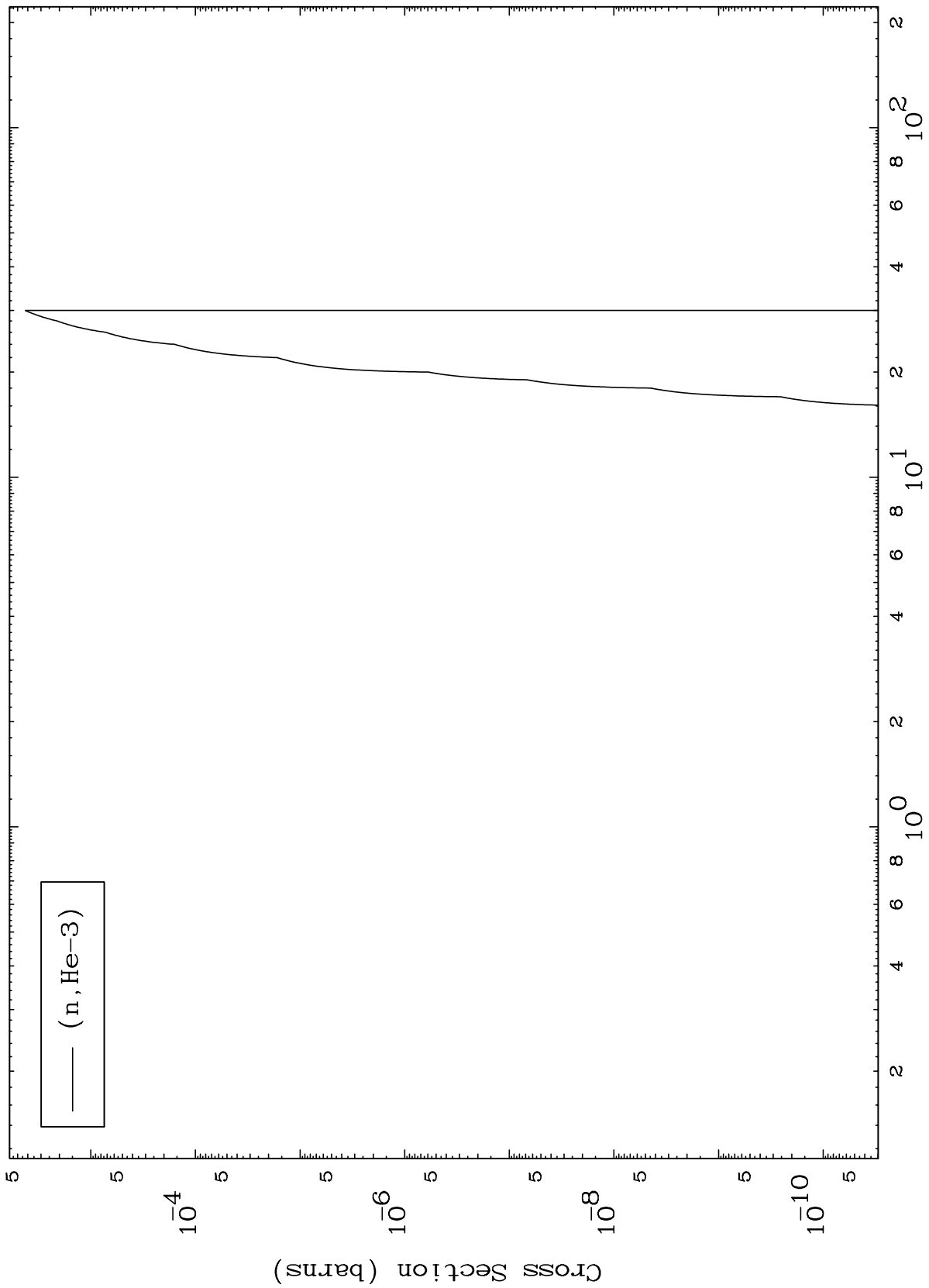
79-Au-193m

MAT 7914

(He-3, He3) Levels

79-Au-193m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

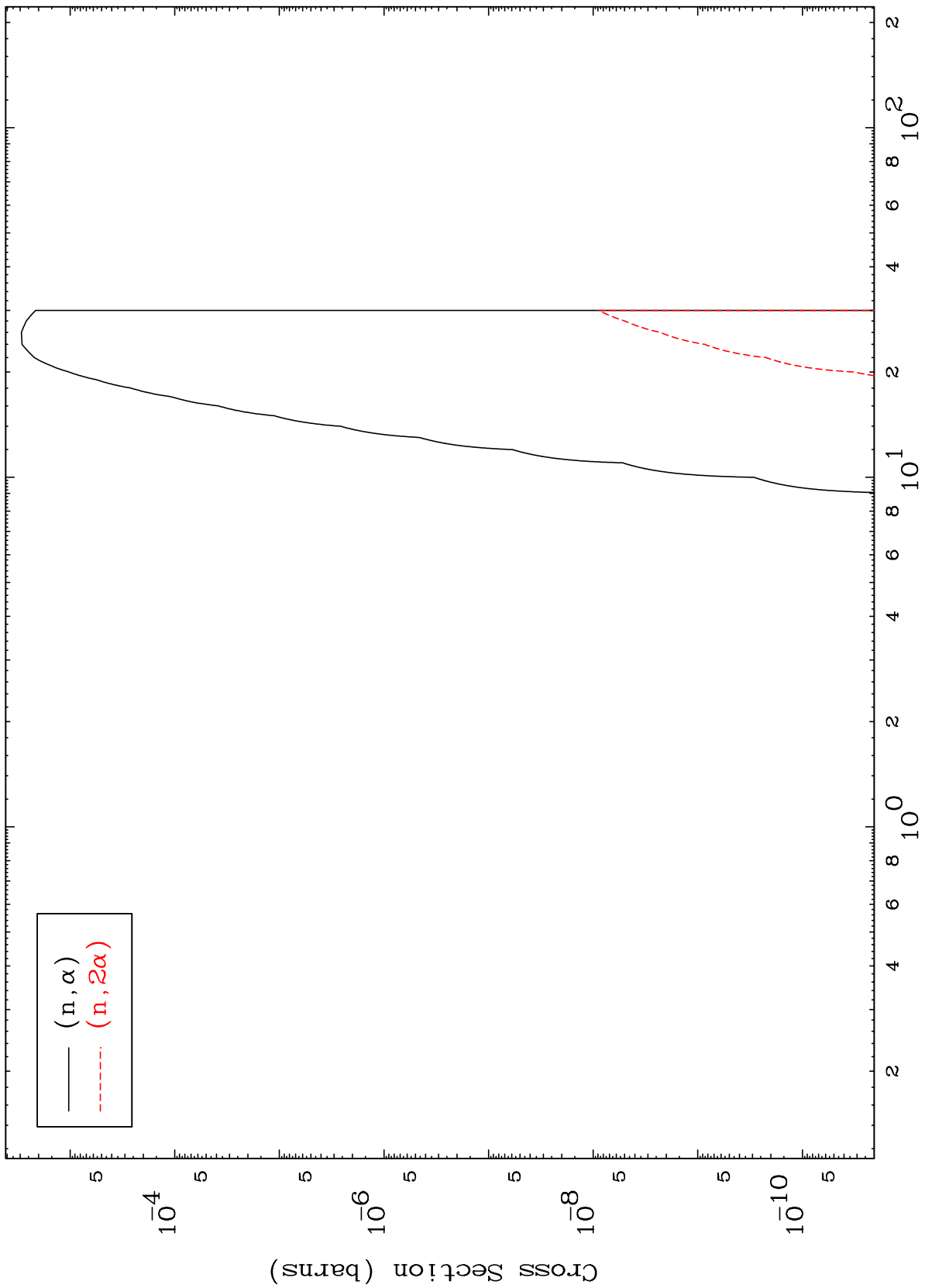
79-Au-193m

MAT 7914

(He-3, α) Levels

79-Au-193m

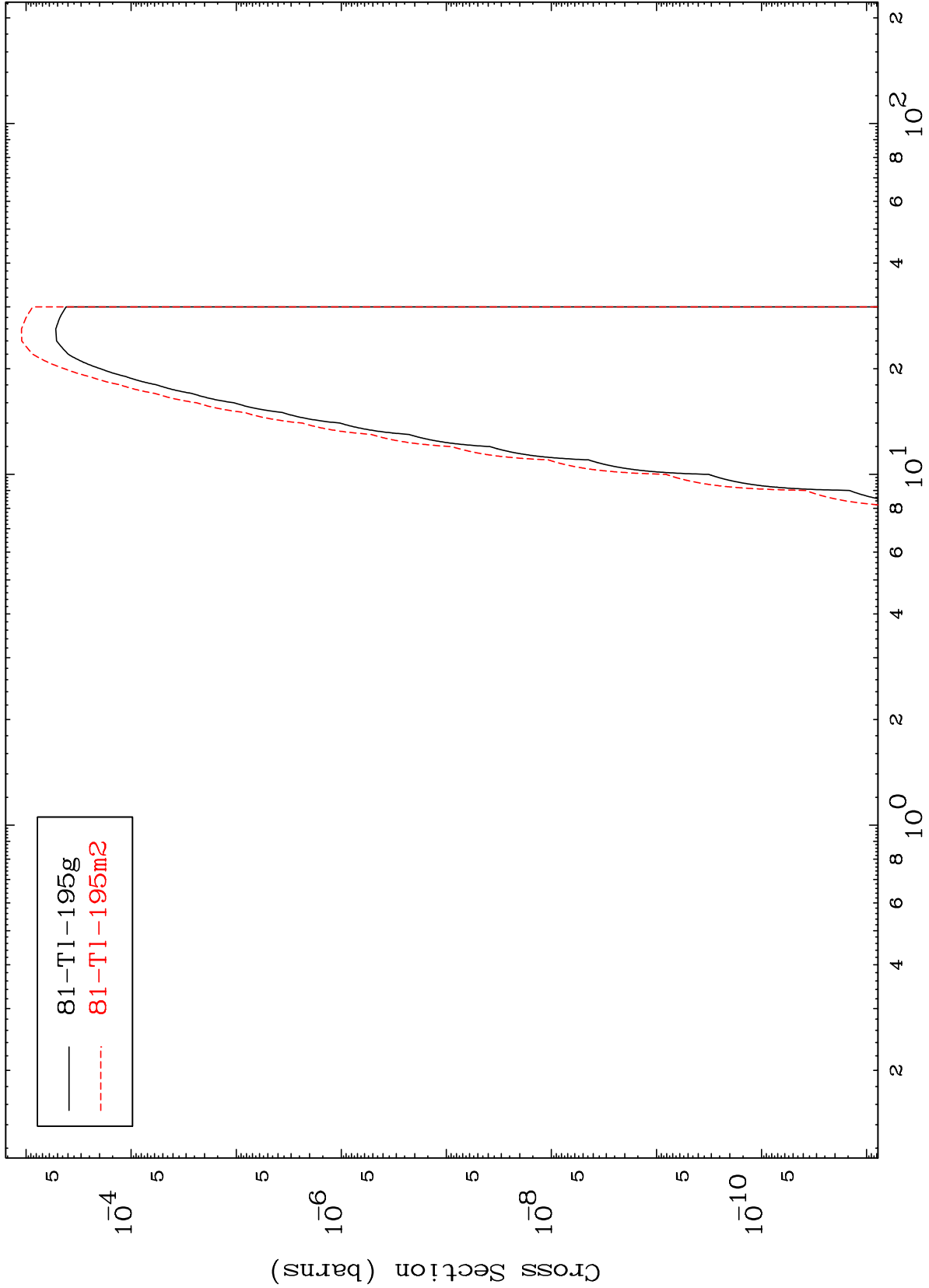
0 Kelvin Cross Sections



MAT 7914

79-Au-193m

Radionuclide Production Cross Section



81-Tl-195g
81-Tl-195m2

79-Au-193m

Incident Energy (MeV)

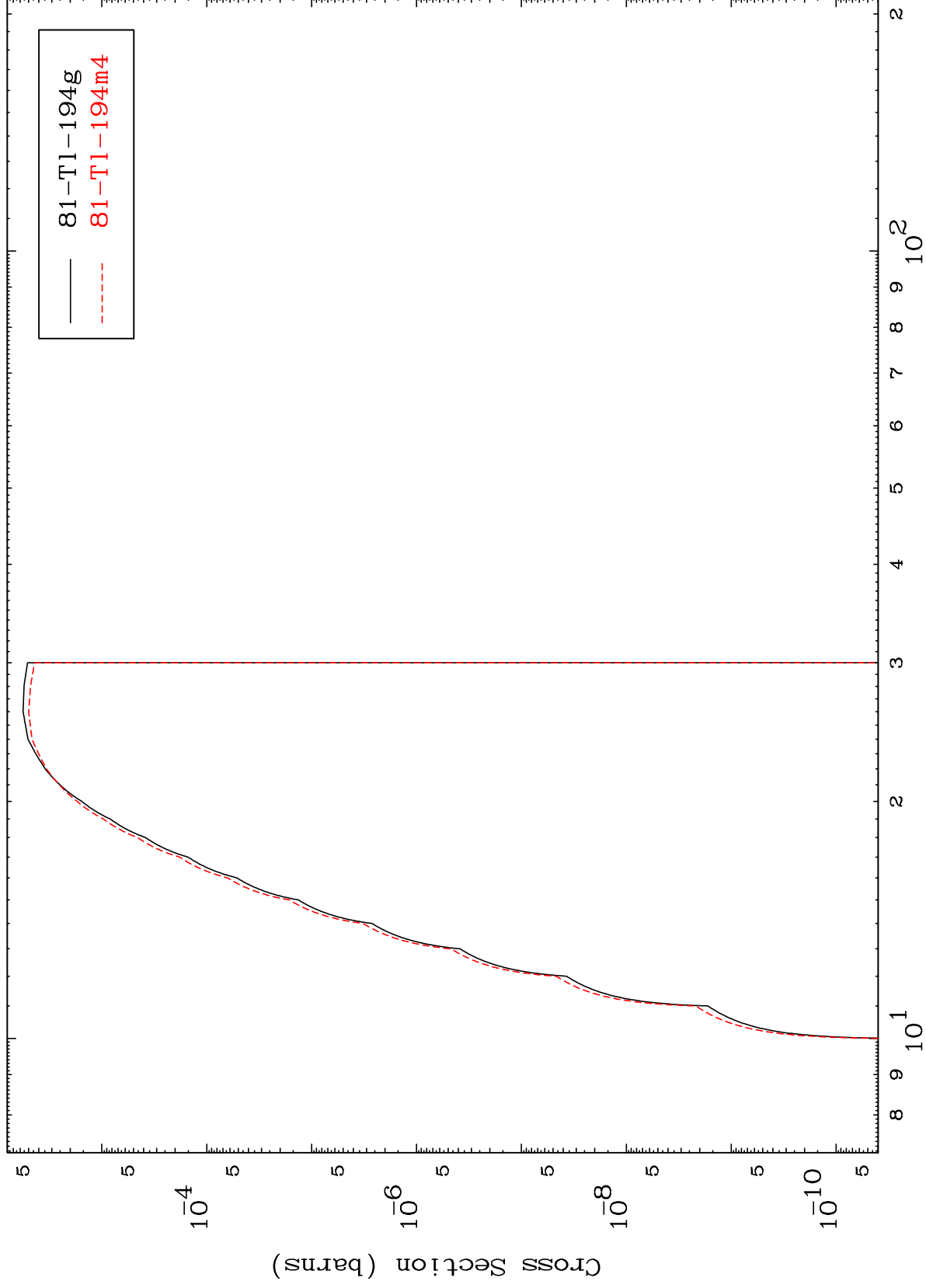
12

MAT 7914

(n,2n)

79-Au-193m

Radionuclide Production Cross Section



13

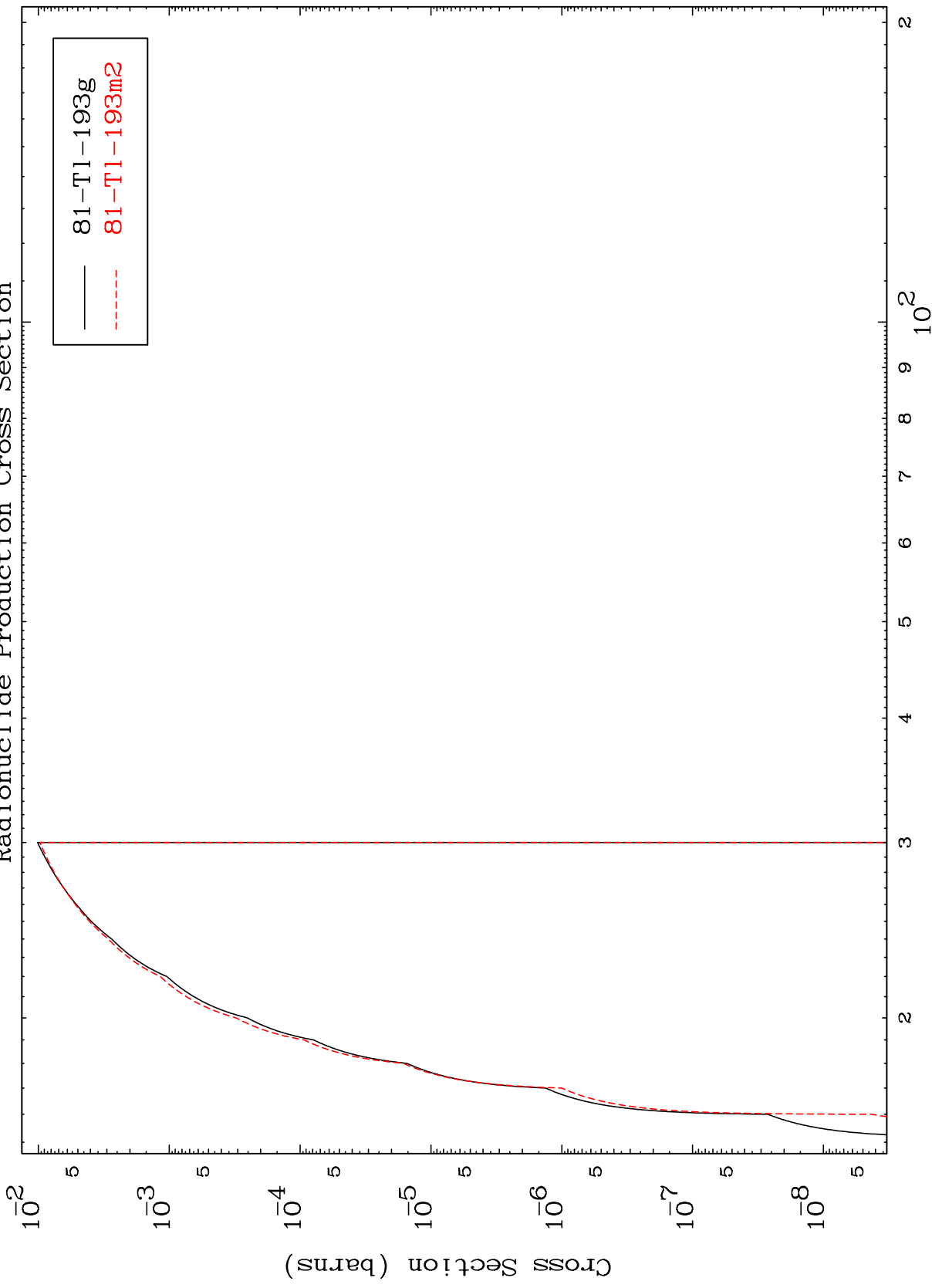
Incident Energy (MeV)

79-Au-193m

MAT 7914

⁷⁹Au-193m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-193m

Incident Energy (MeV)

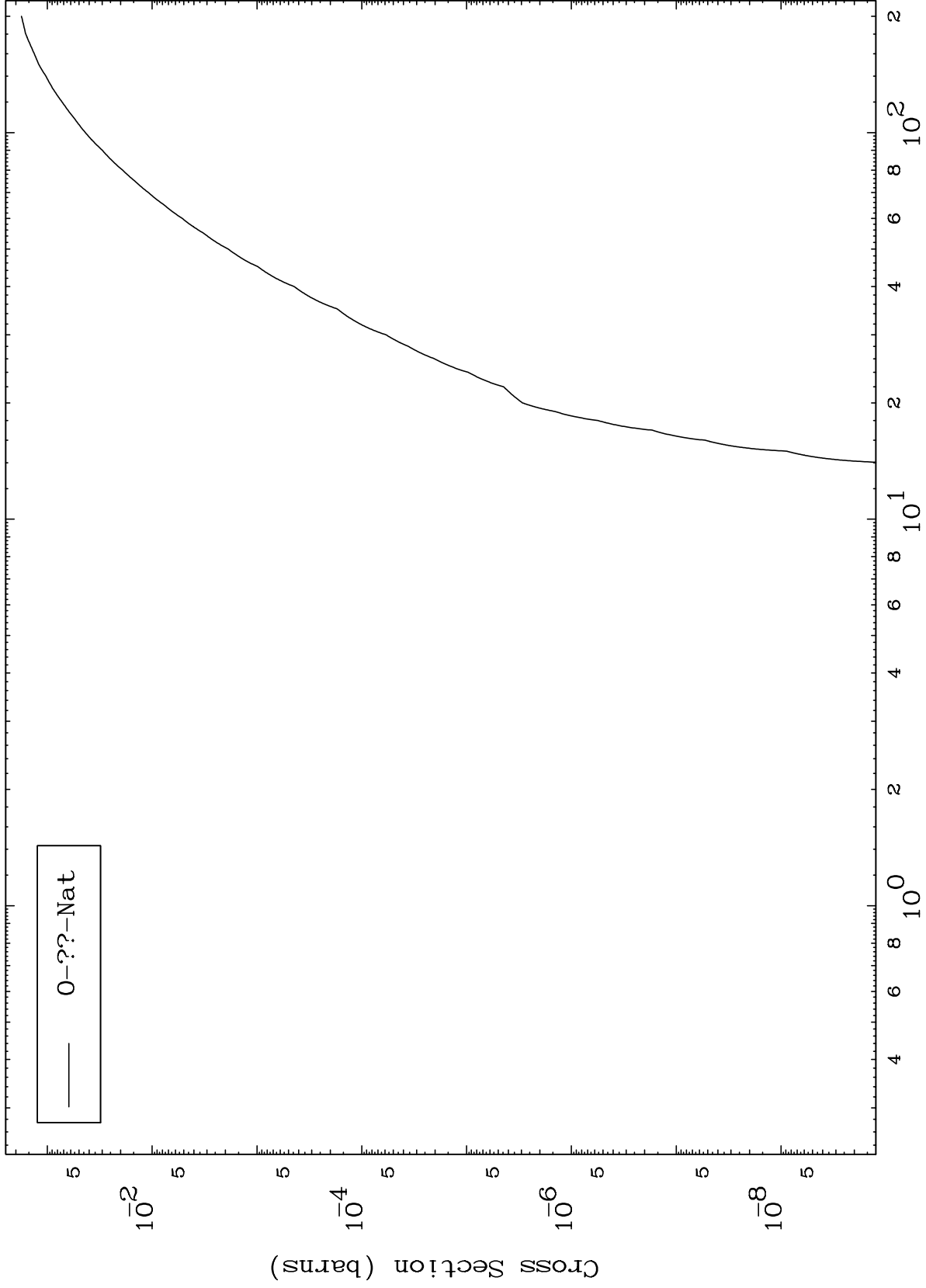
14

MAT 7914

Fission

⁷⁹Au-193m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

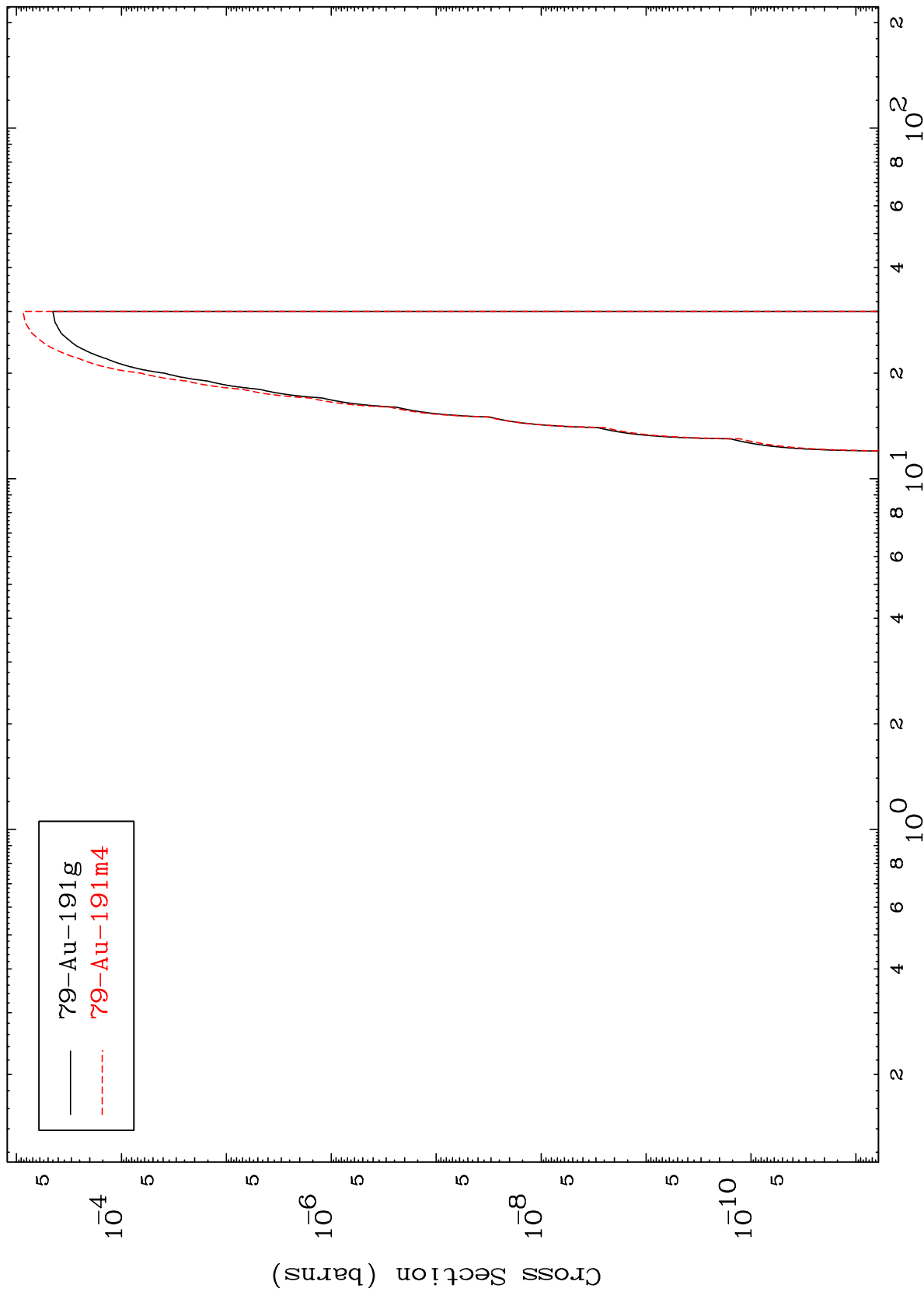
⁷⁹Au-193m

MAT 7914

$(n, n') \alpha$

$^{79}\text{Au-193m}$

Radionuclide Production Cross Section

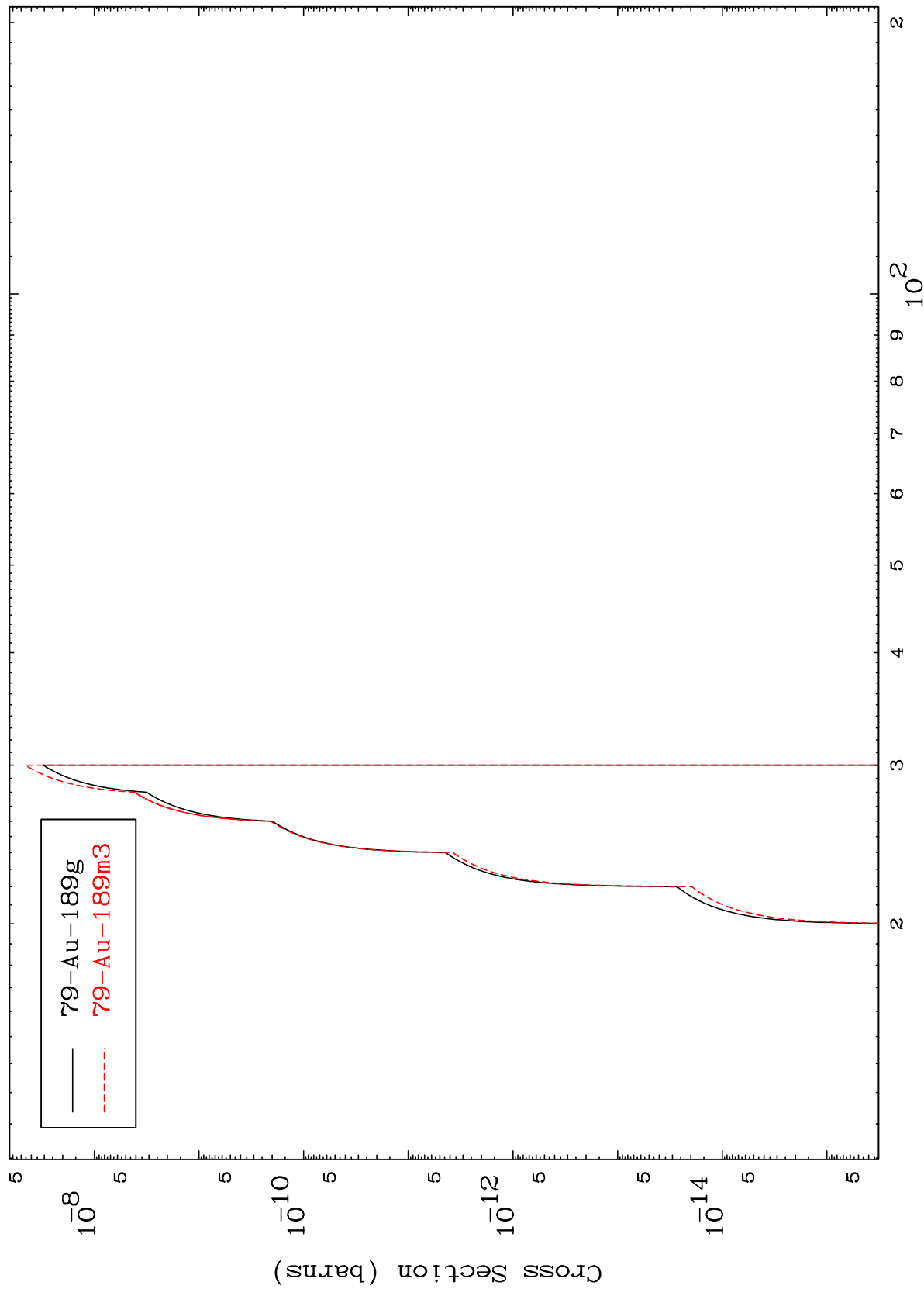


MAT 7914

(n,3n) α

⁷⁹Au-193m

Radionuclide Production Cross Section



17

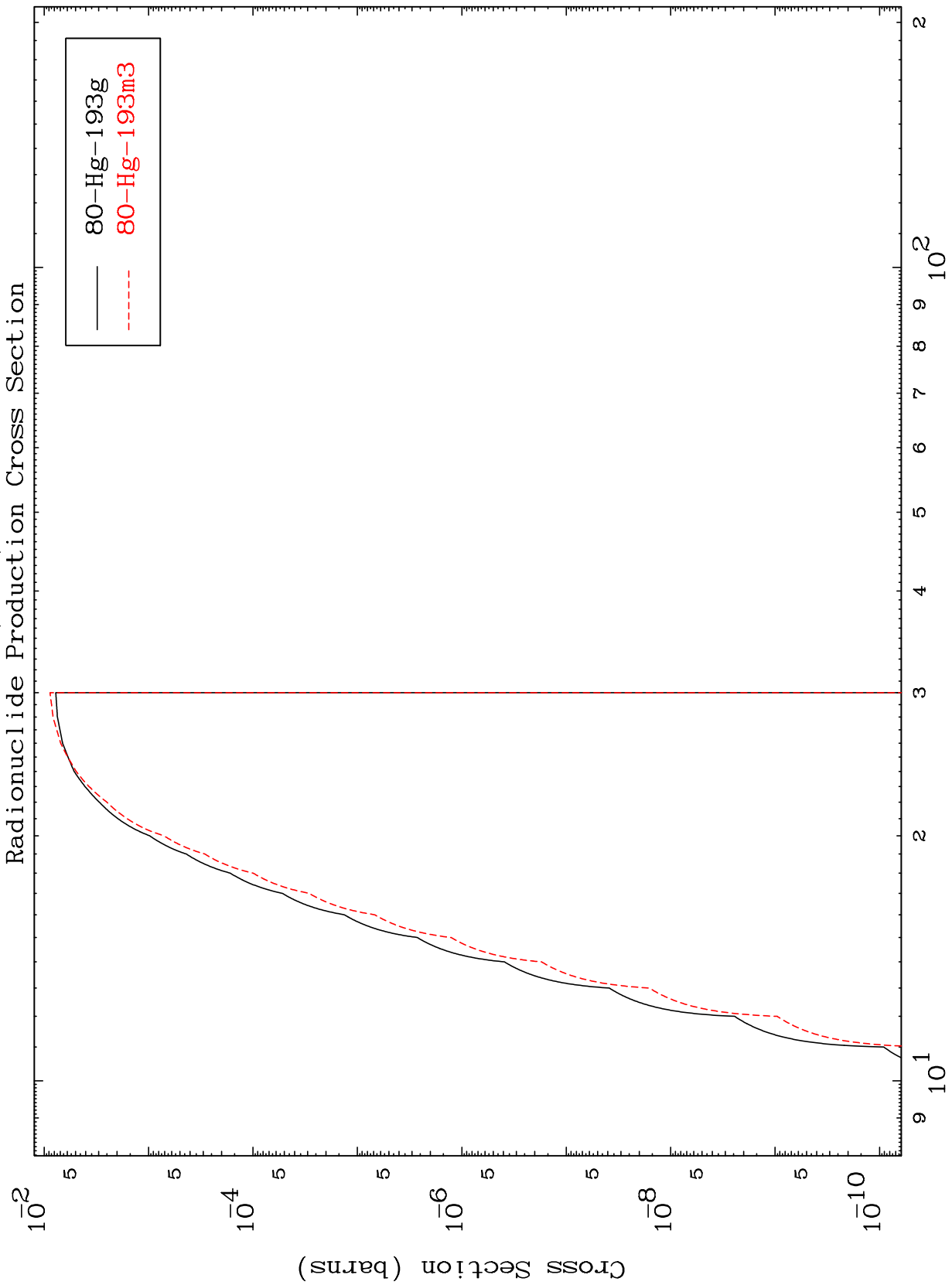
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

(n,n') d

79-Au-193m



18

Incident Energy (MeV)

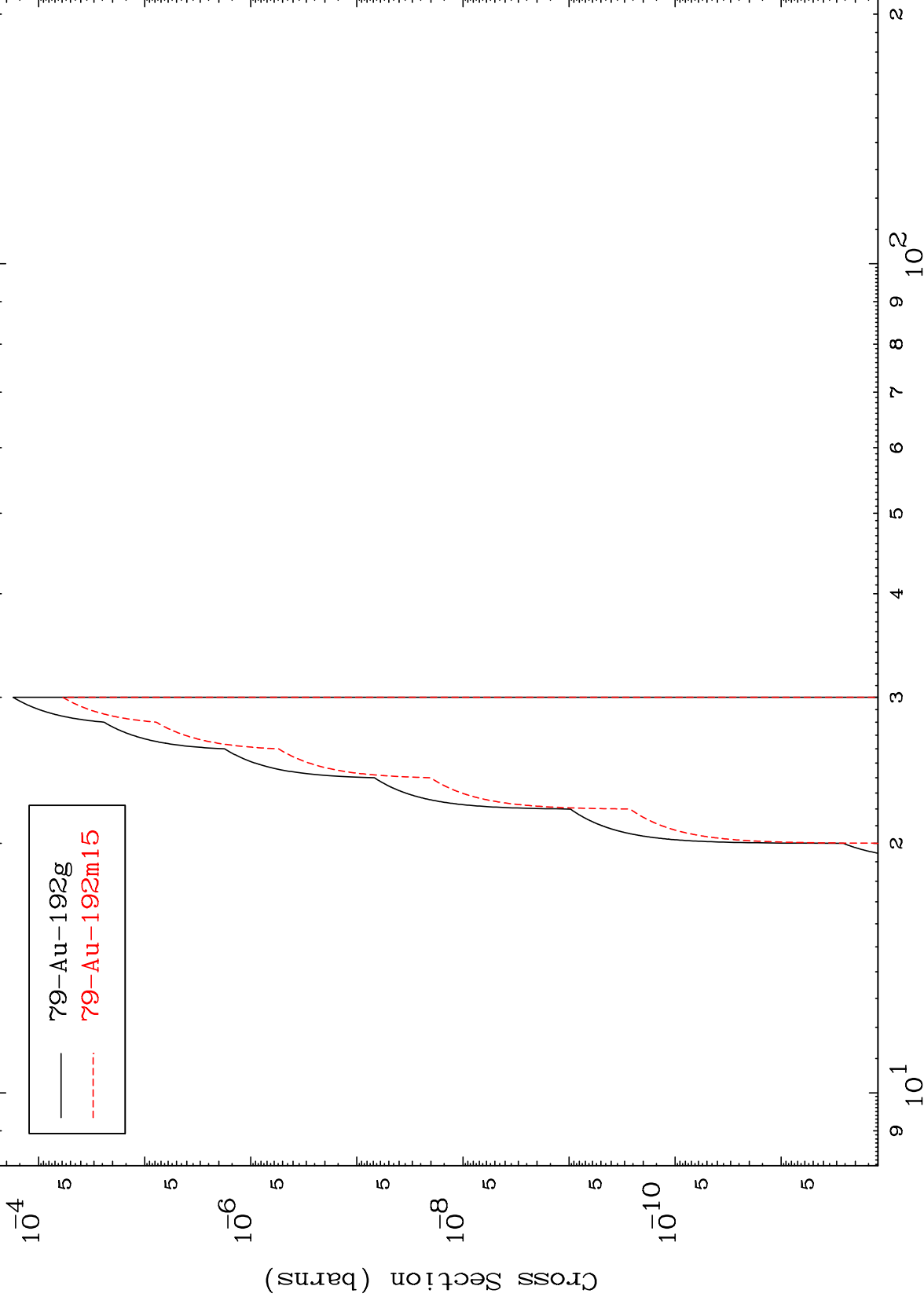
79-Au-193m

MAT 7914

(n,n') He-3

⁷⁹Au-193m

Radionuclide Production Cross Section



— ⁷⁹Au-192g
- - - ⁷⁹Au-192m15

19

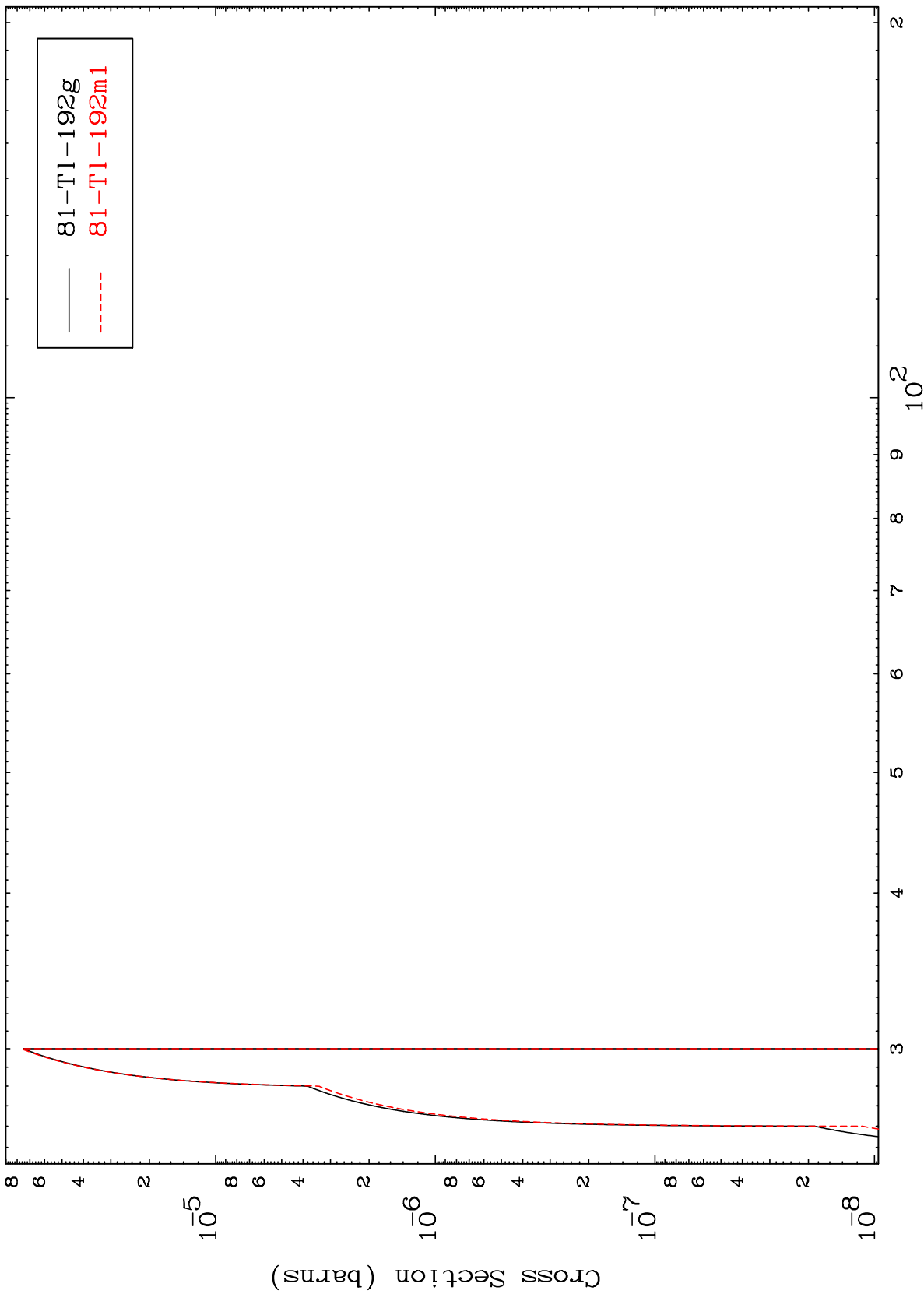
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

79-Au-193m

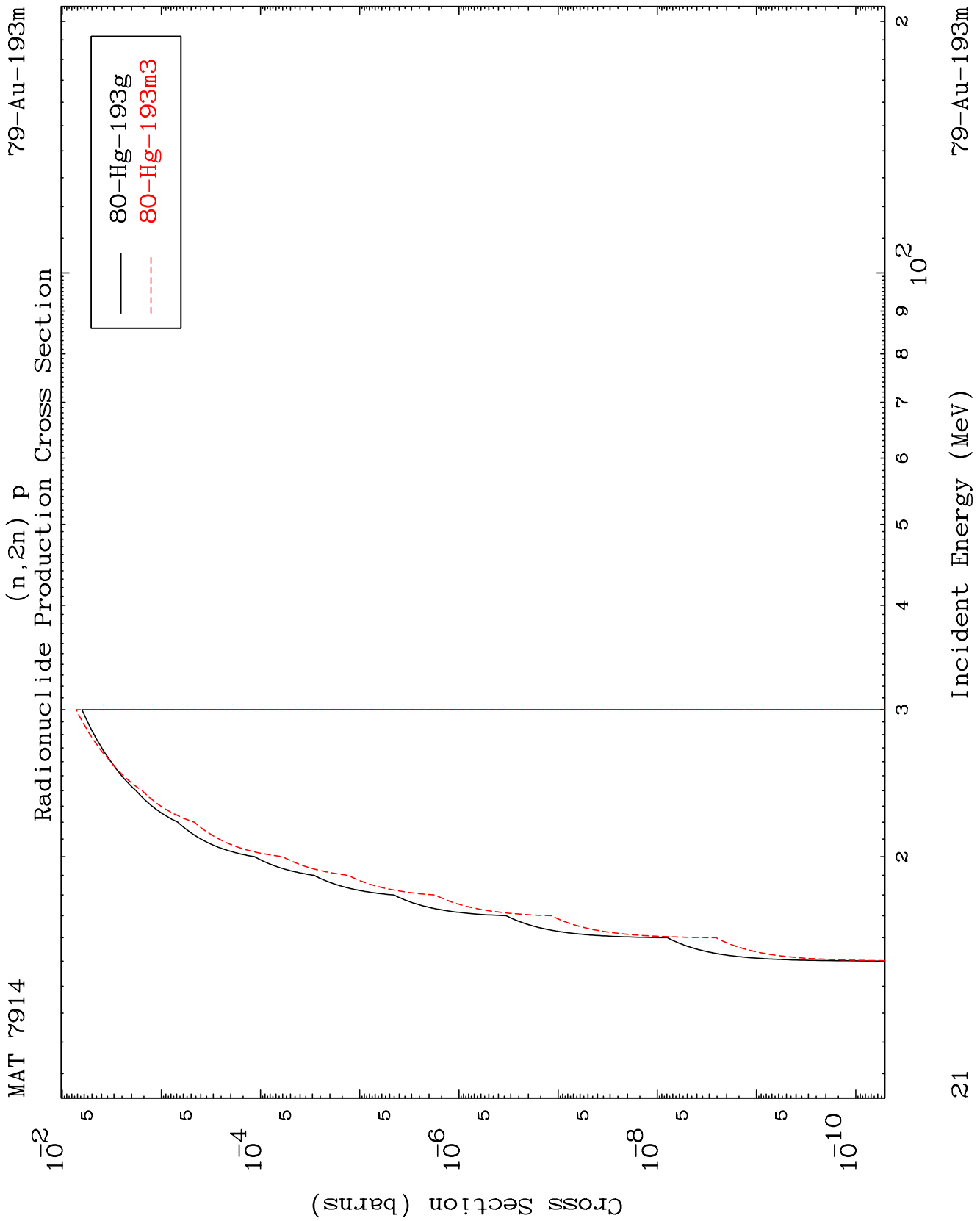
(n,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

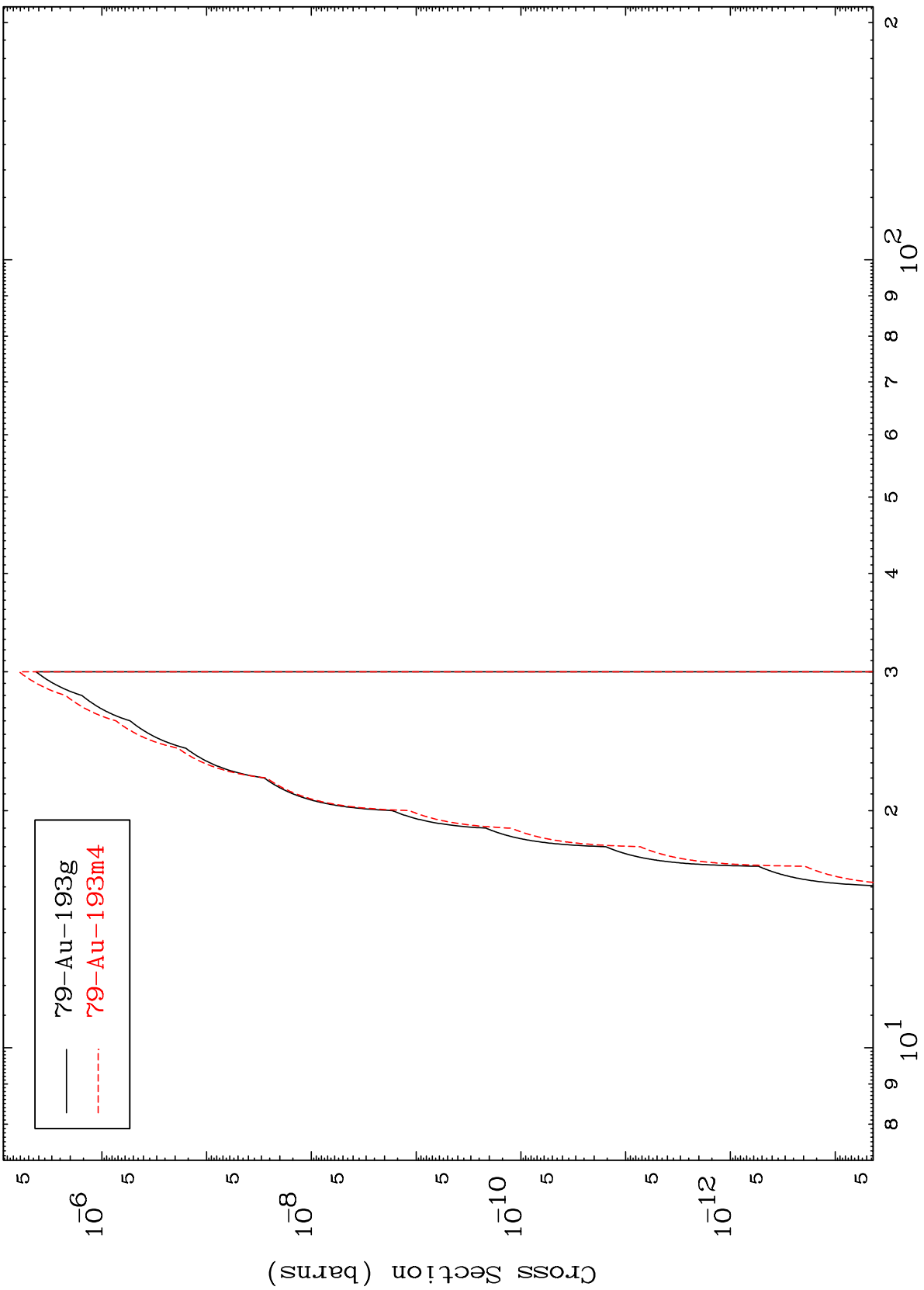
79-Au-193m



MAT 7914

⁷⁹Au-193m

(n,2n) p
Radionuclide Production Cross Section



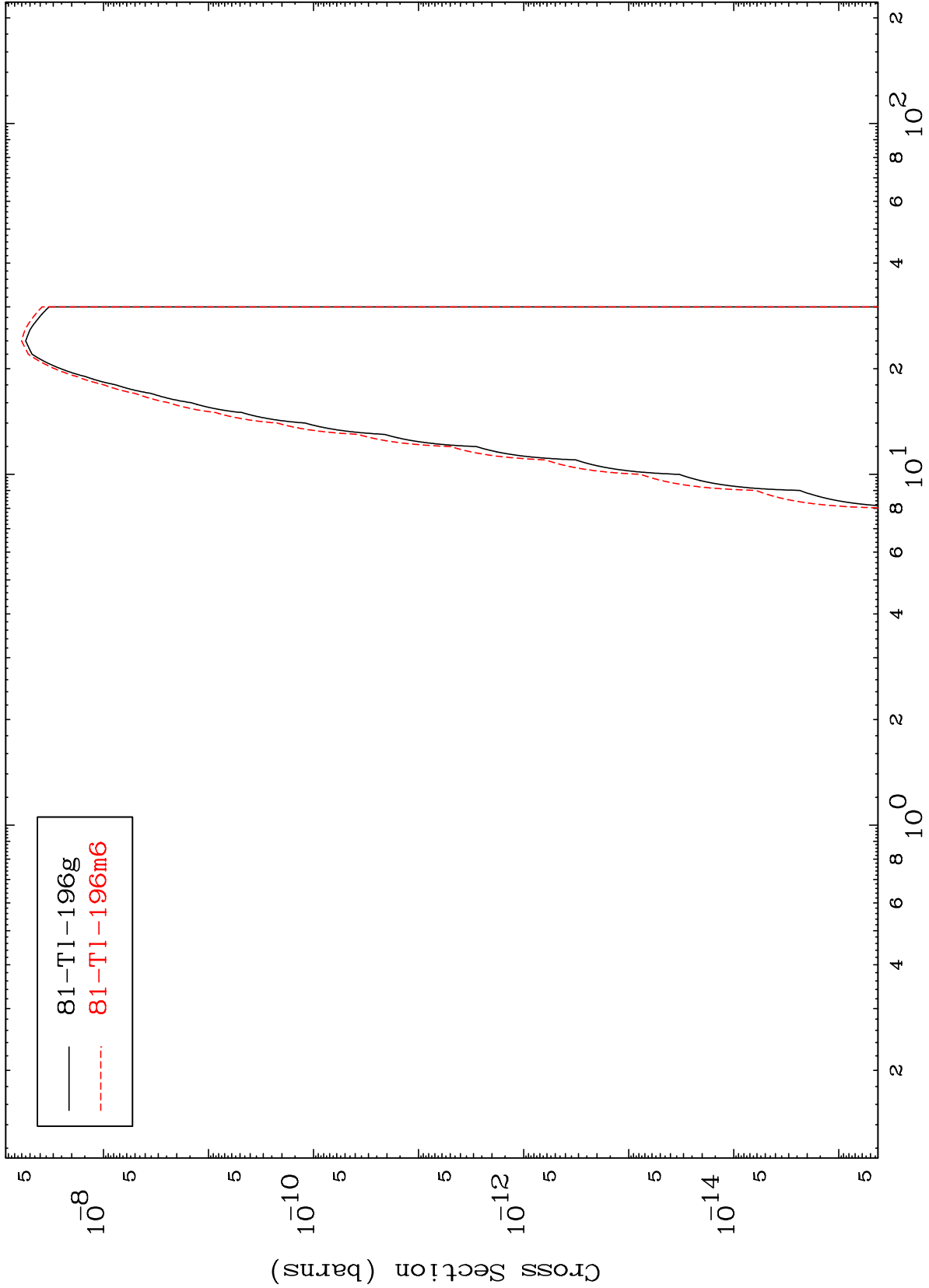
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

79-Au-193m

(n, γ)
Radionuclide Production Cross Section

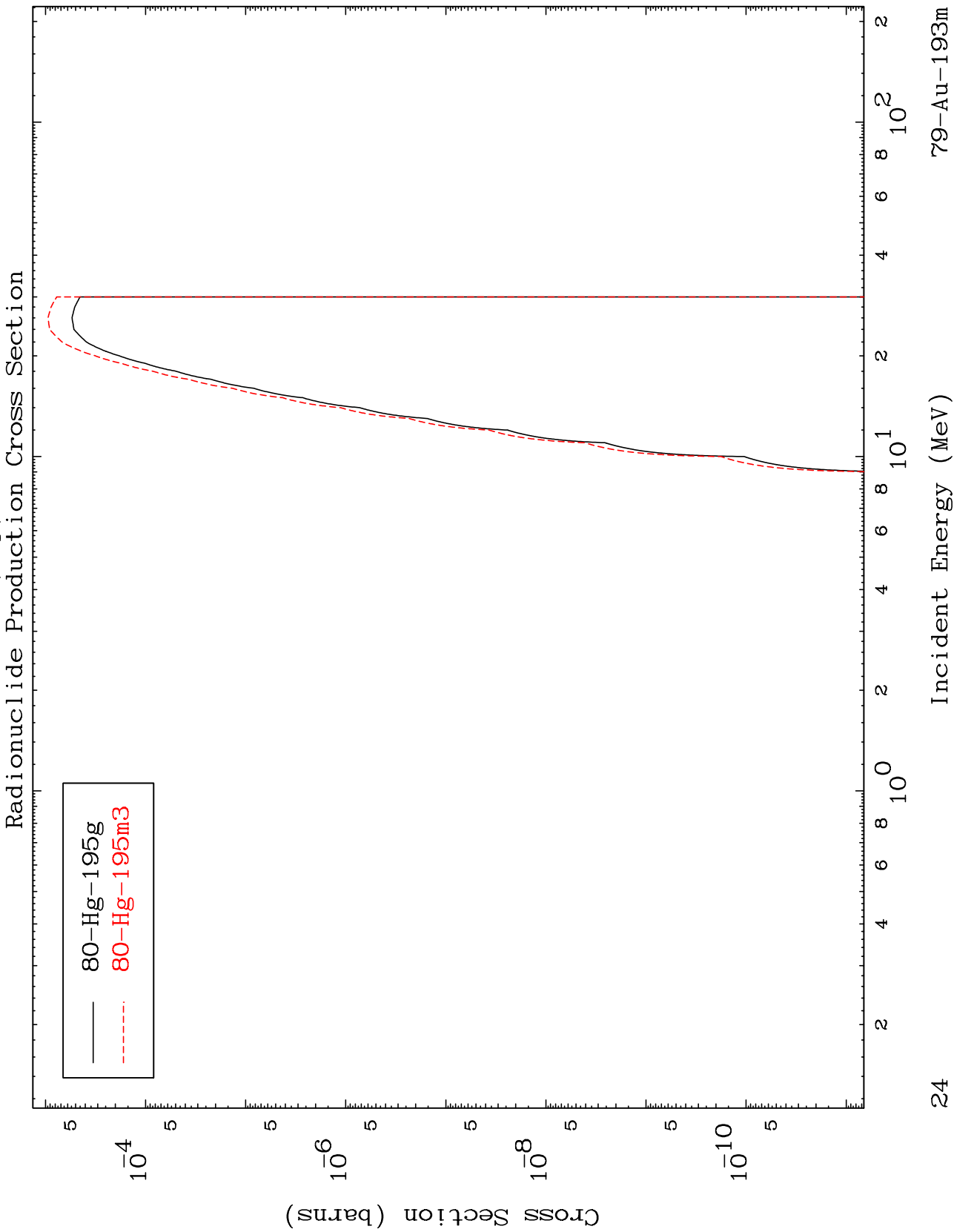


79-Au-193m

Incident Energy (MeV)

MAT 7914

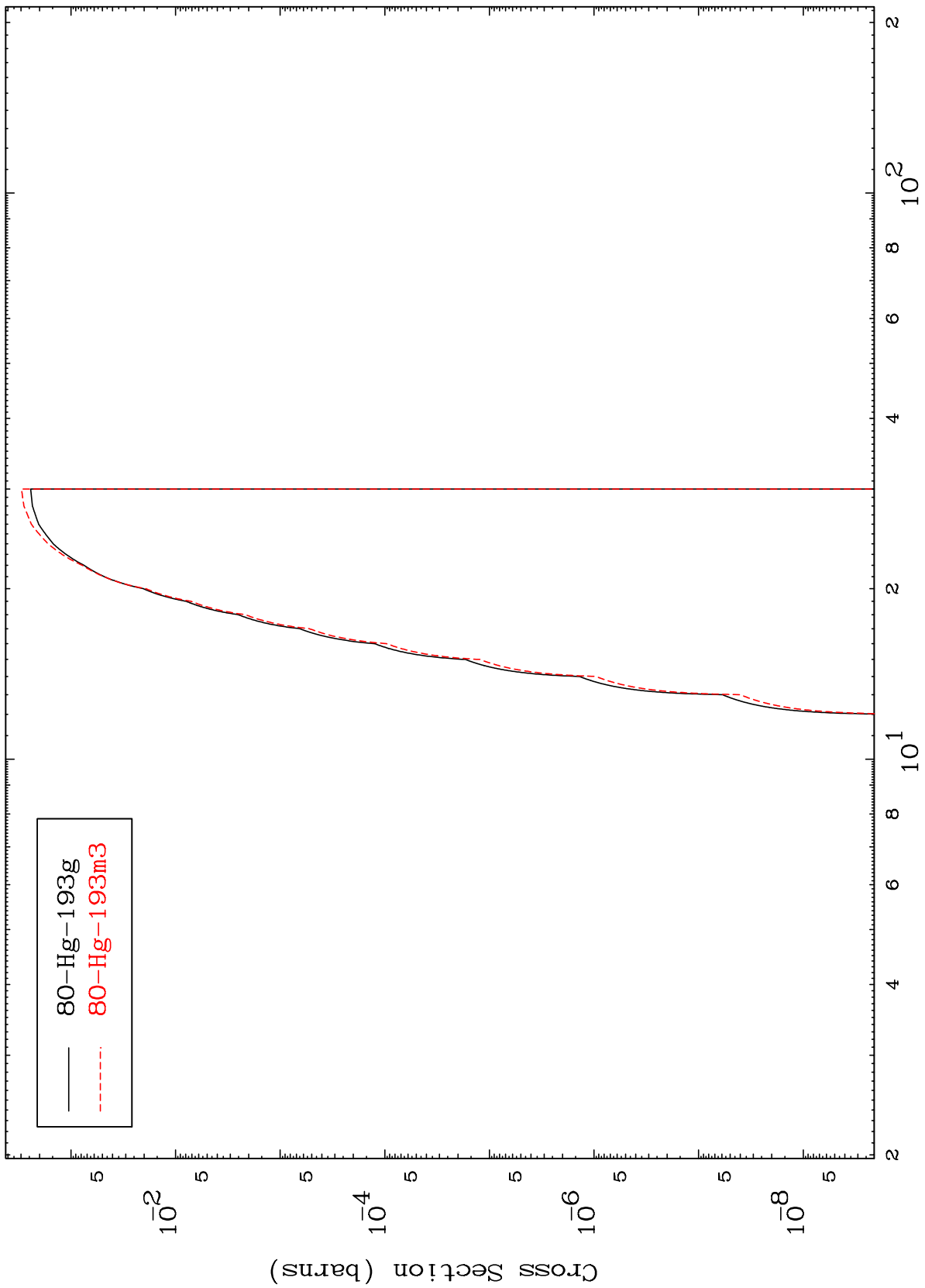
79-Au-193m



MAT 7914

79-Au-193m

(n, t)
Radionuclide Production Cross Section



25

79-Au-193m

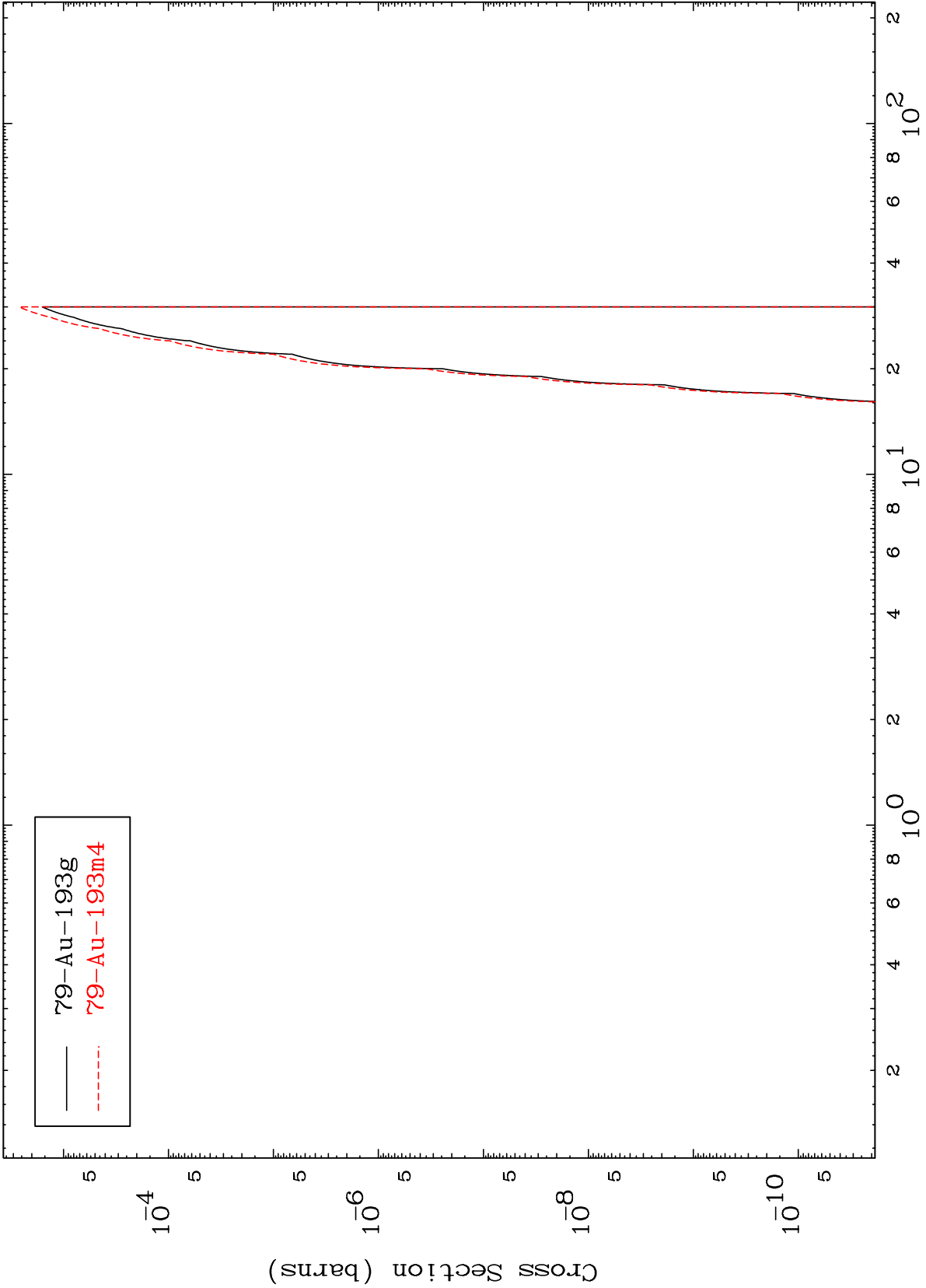
Incident Energy (MeV)

MAT 7914

(n,He-3)

79-Au-193m

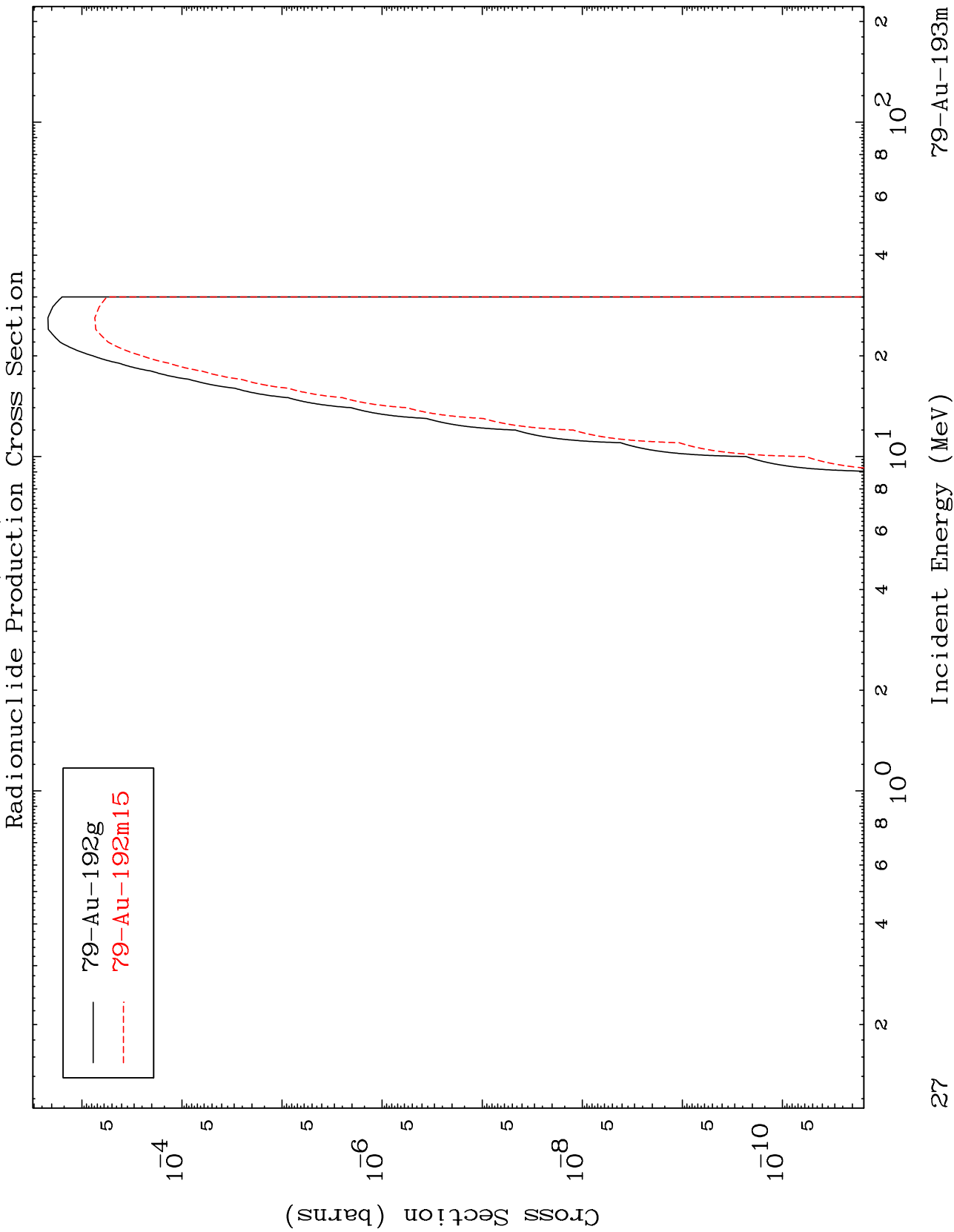
Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

MAT 7914

⁷⁹Au-193m



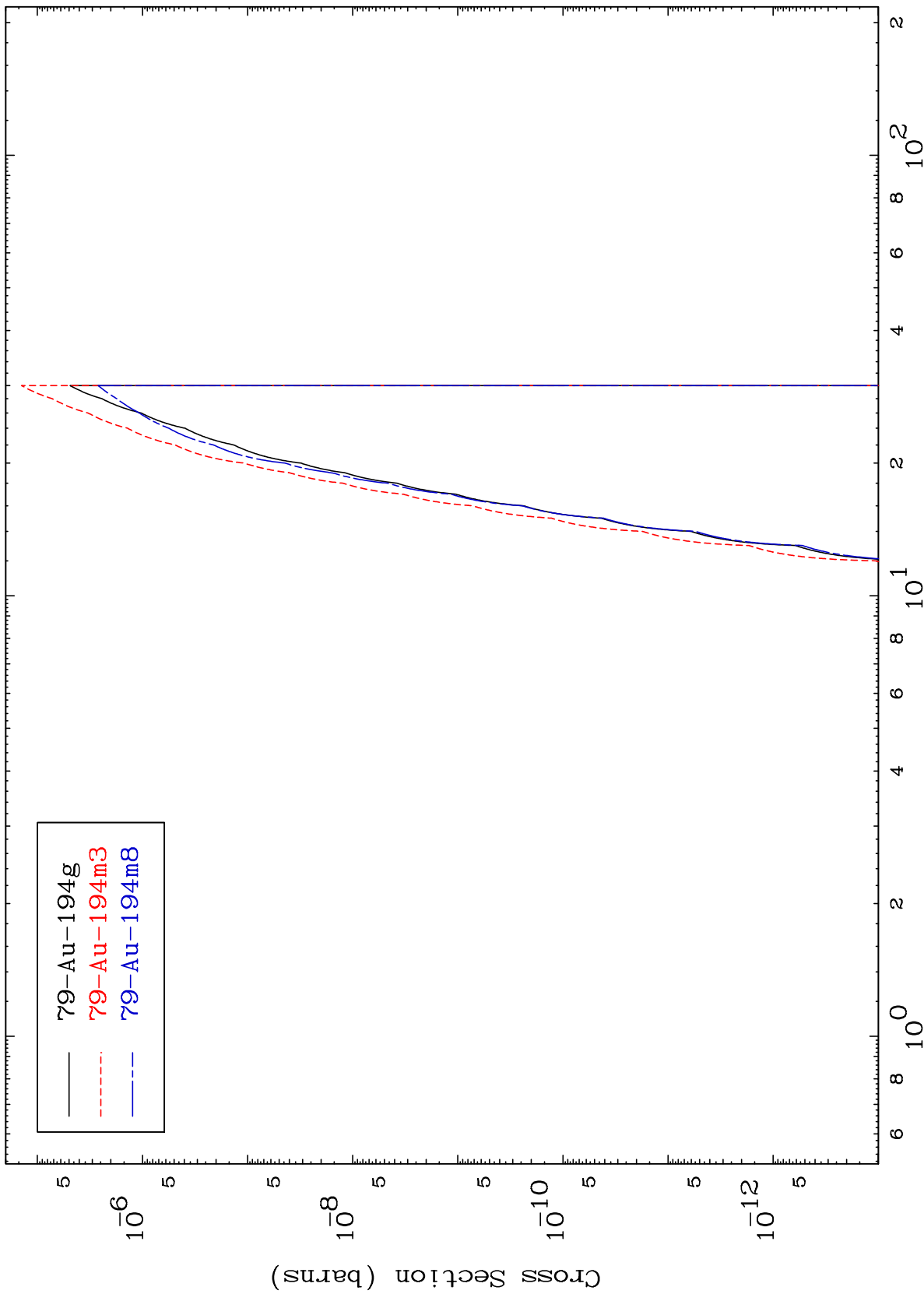
⁷⁹Au-193m

Incident Energy (MeV)

MAT 7914

⁷⁹Au-193m

Radionuclide Production Cross Section
(n,2p)



28

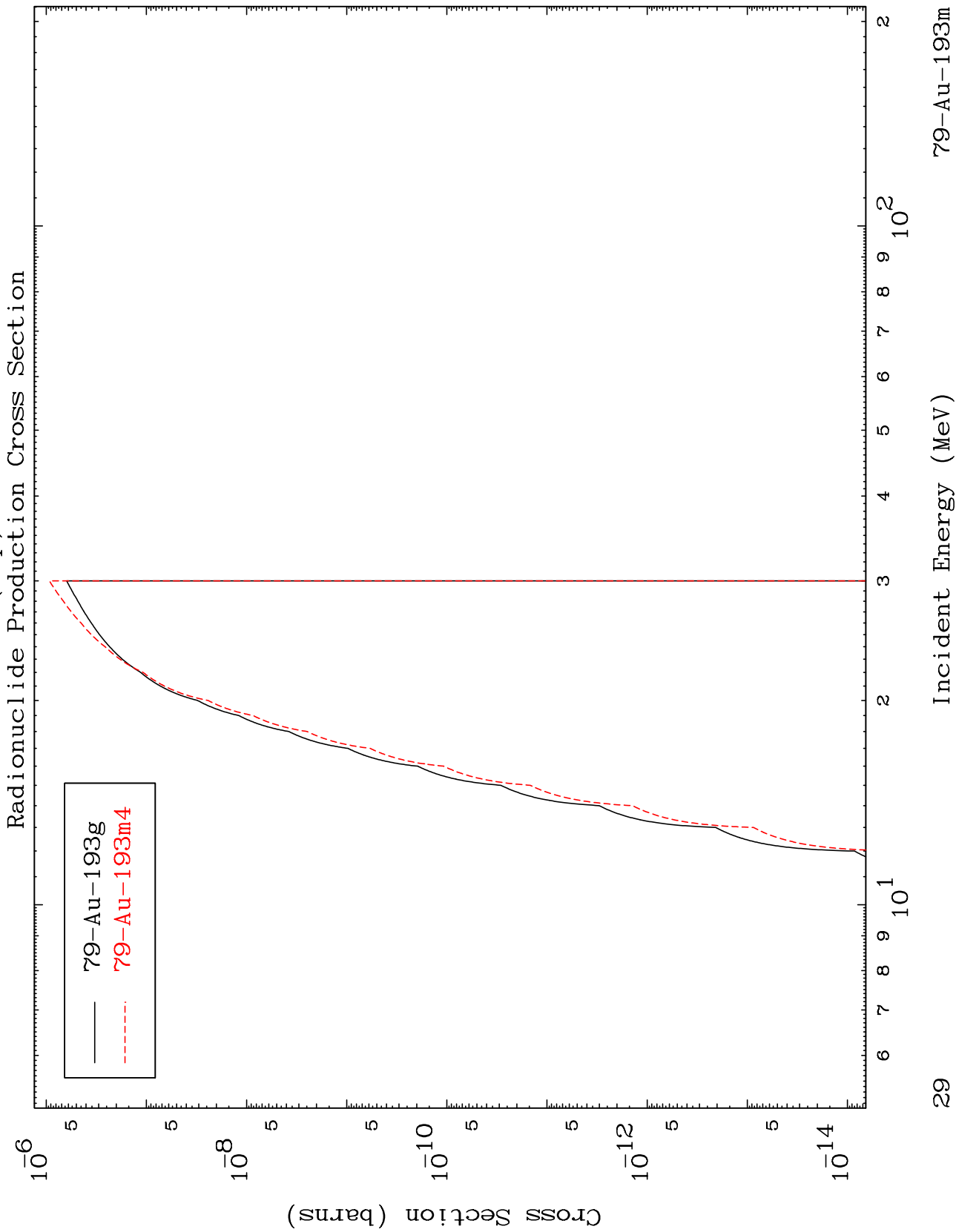
⁷⁹Au-193m

Incident Energy (MeV)

MAT 7914

(n,p) d

⁷⁹Au-193m



29

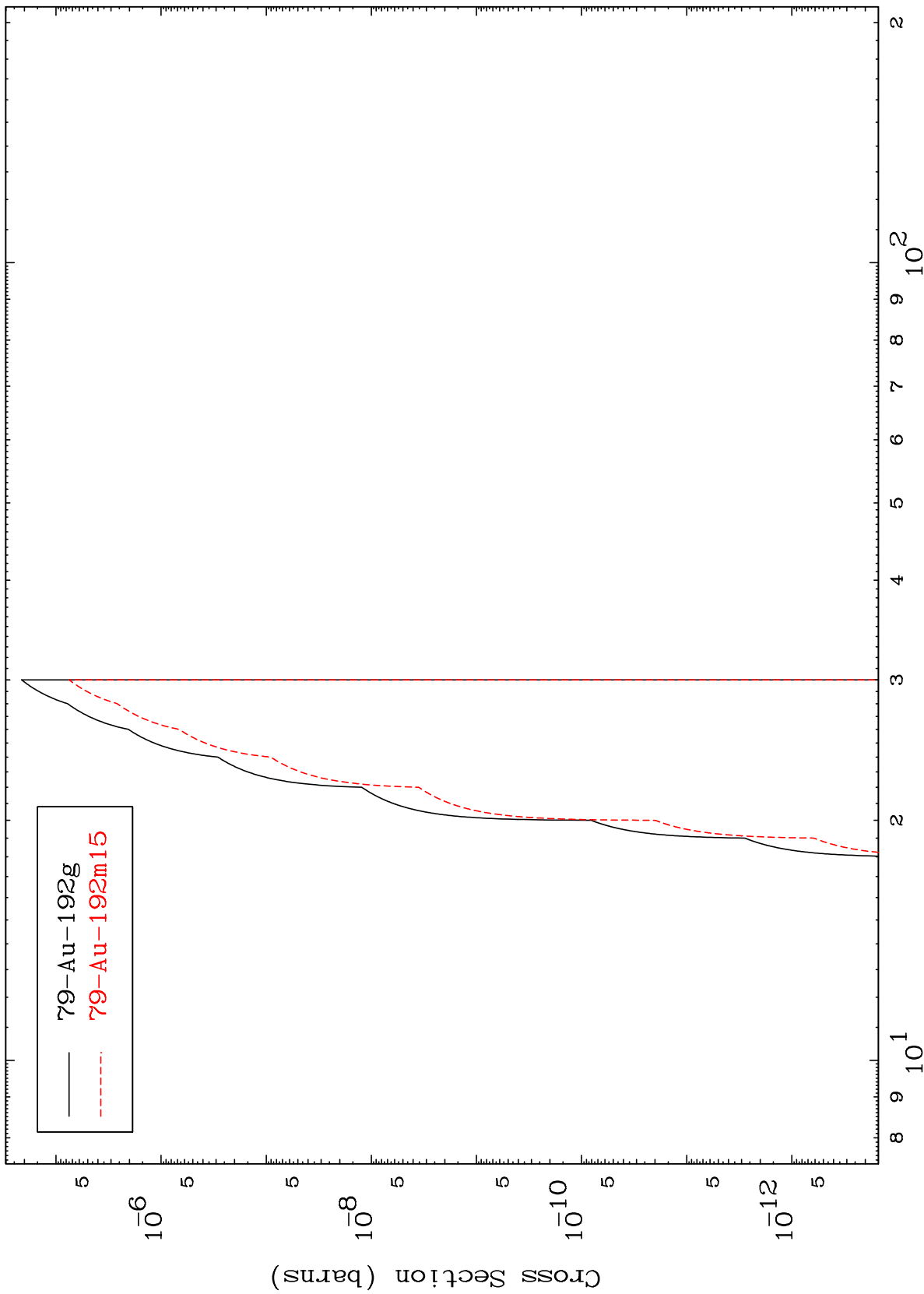
⁷⁹Au-193m

MAT 7914

(n,p) t

⁷⁹Au-193m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-193m

30