

Program EVALPLOT
(Version 2021-1)

by

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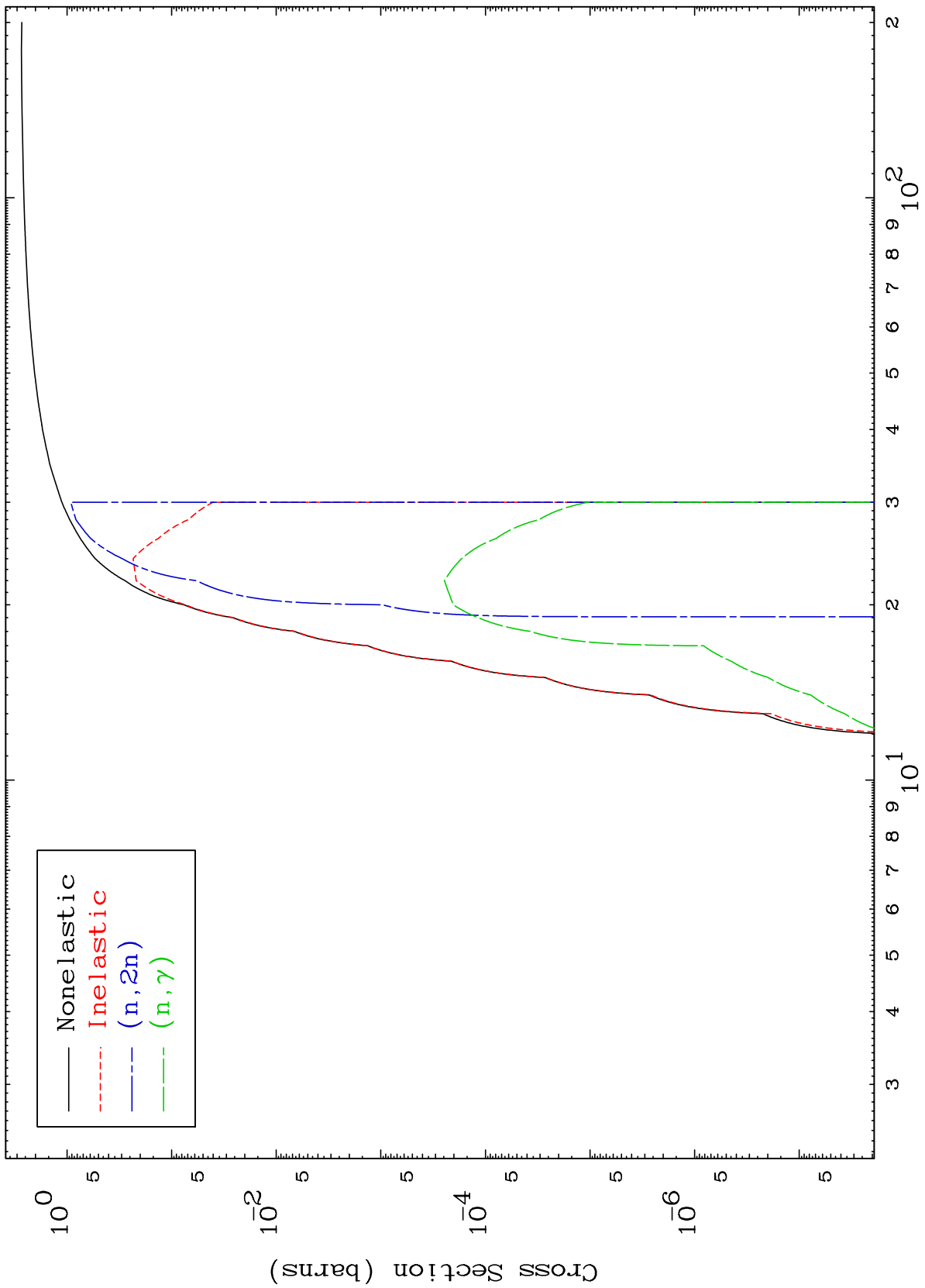
Press Mouse Button to Start

MAT 7914

0 Kelvin

Major Cross Sections

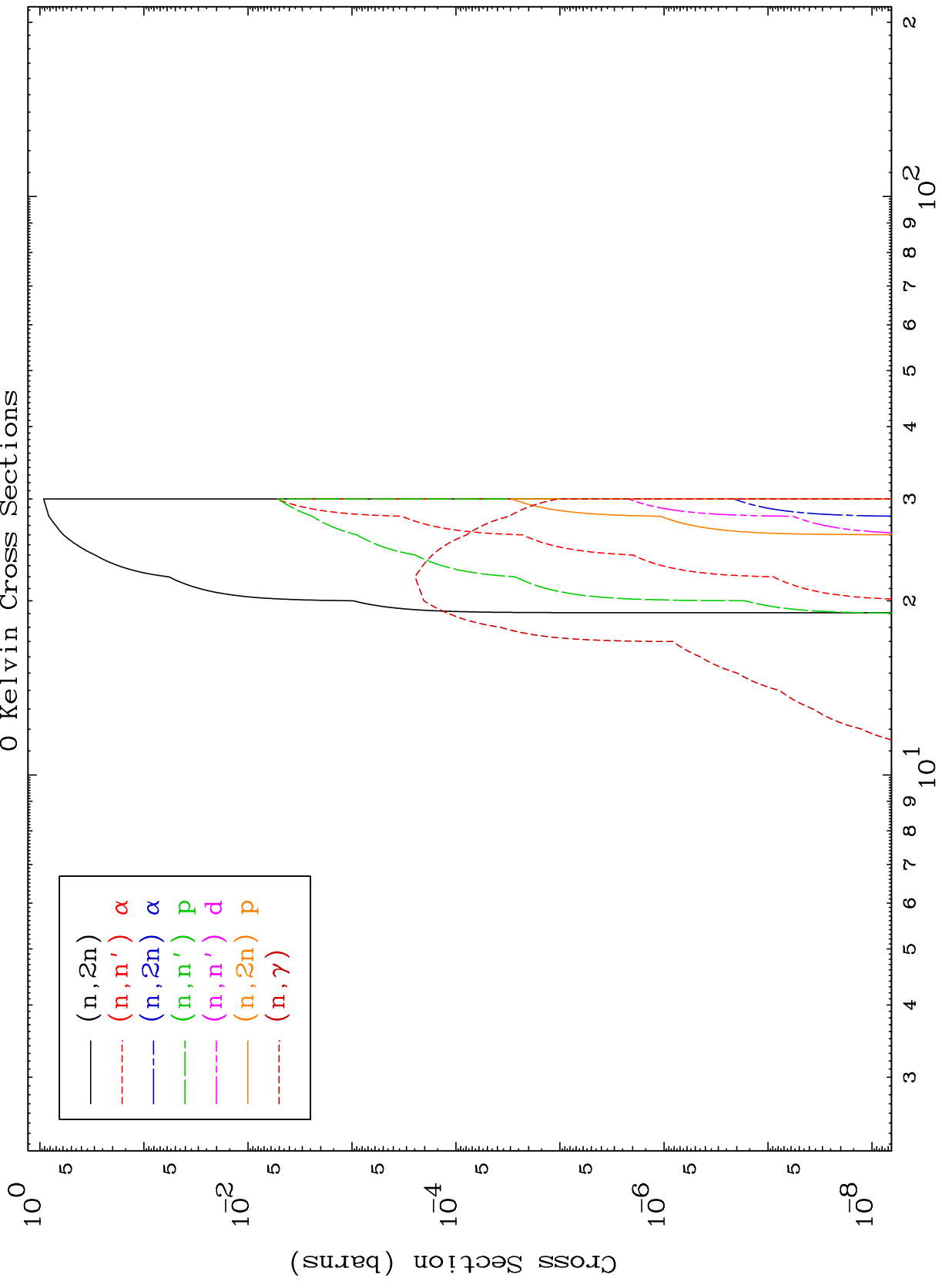
⁷⁹Au-193m



MAT 7914

α Neutron Absorption
0 Kelvin Cross Sections

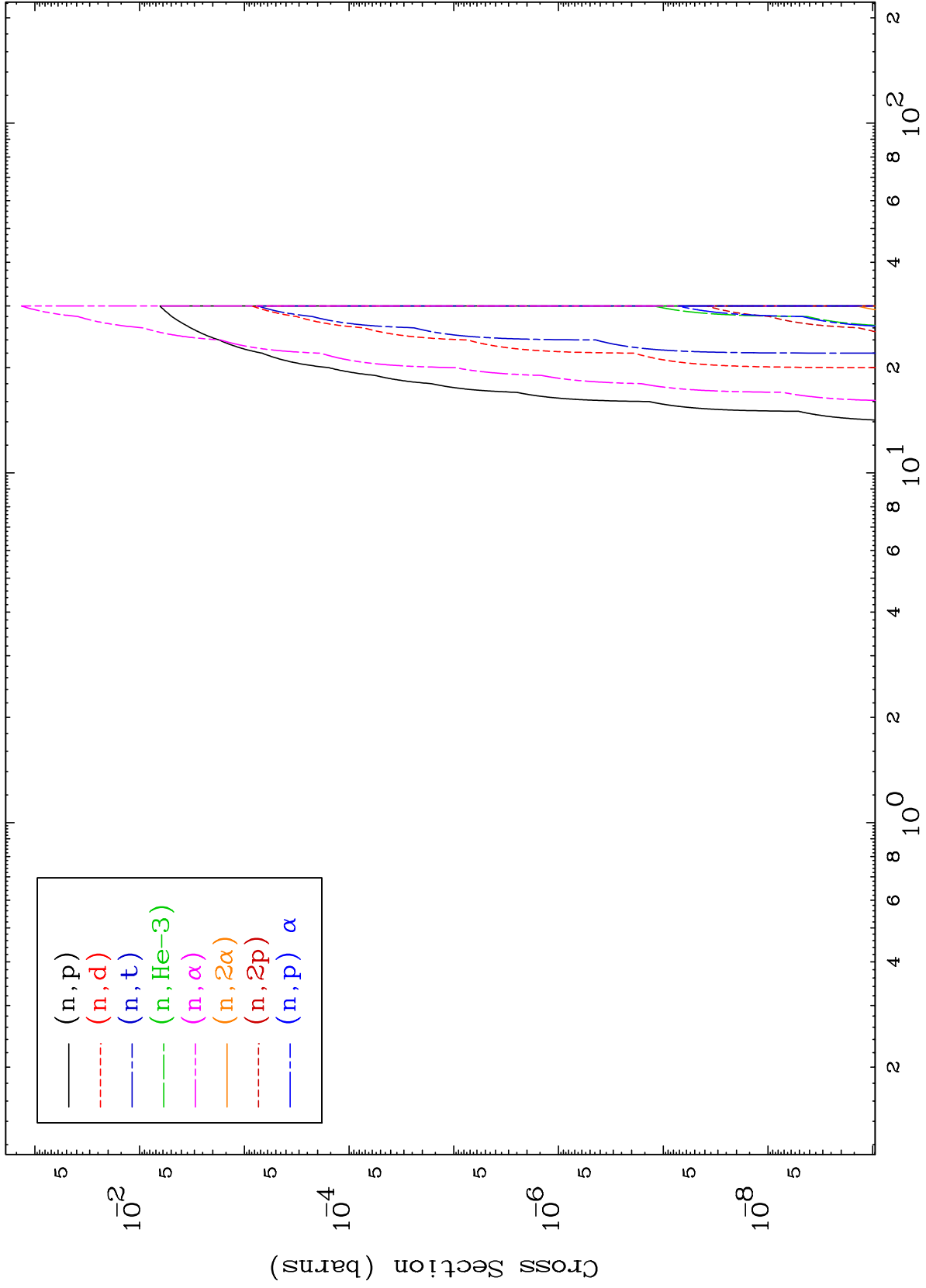
⁷⁹Au-193m

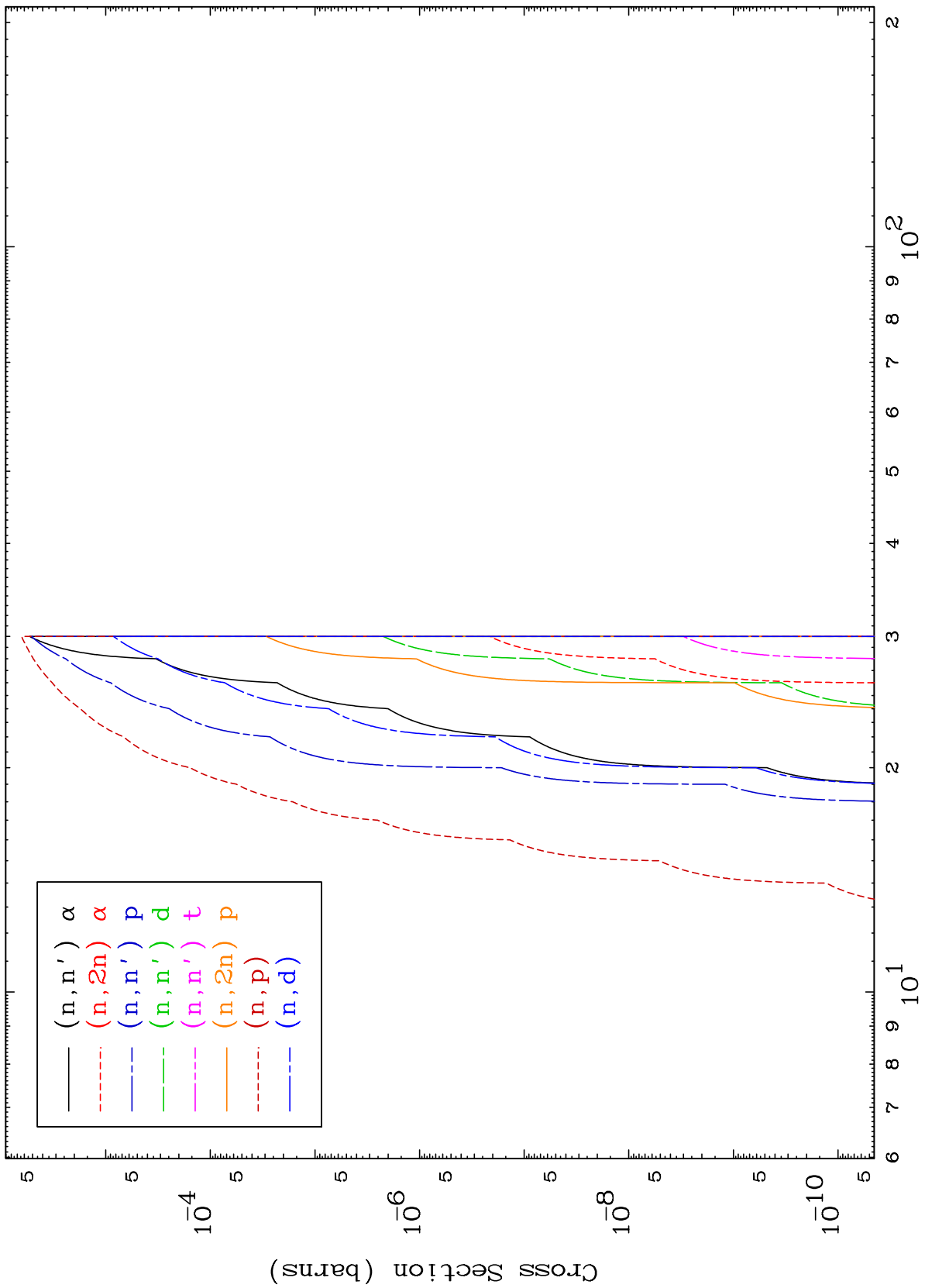


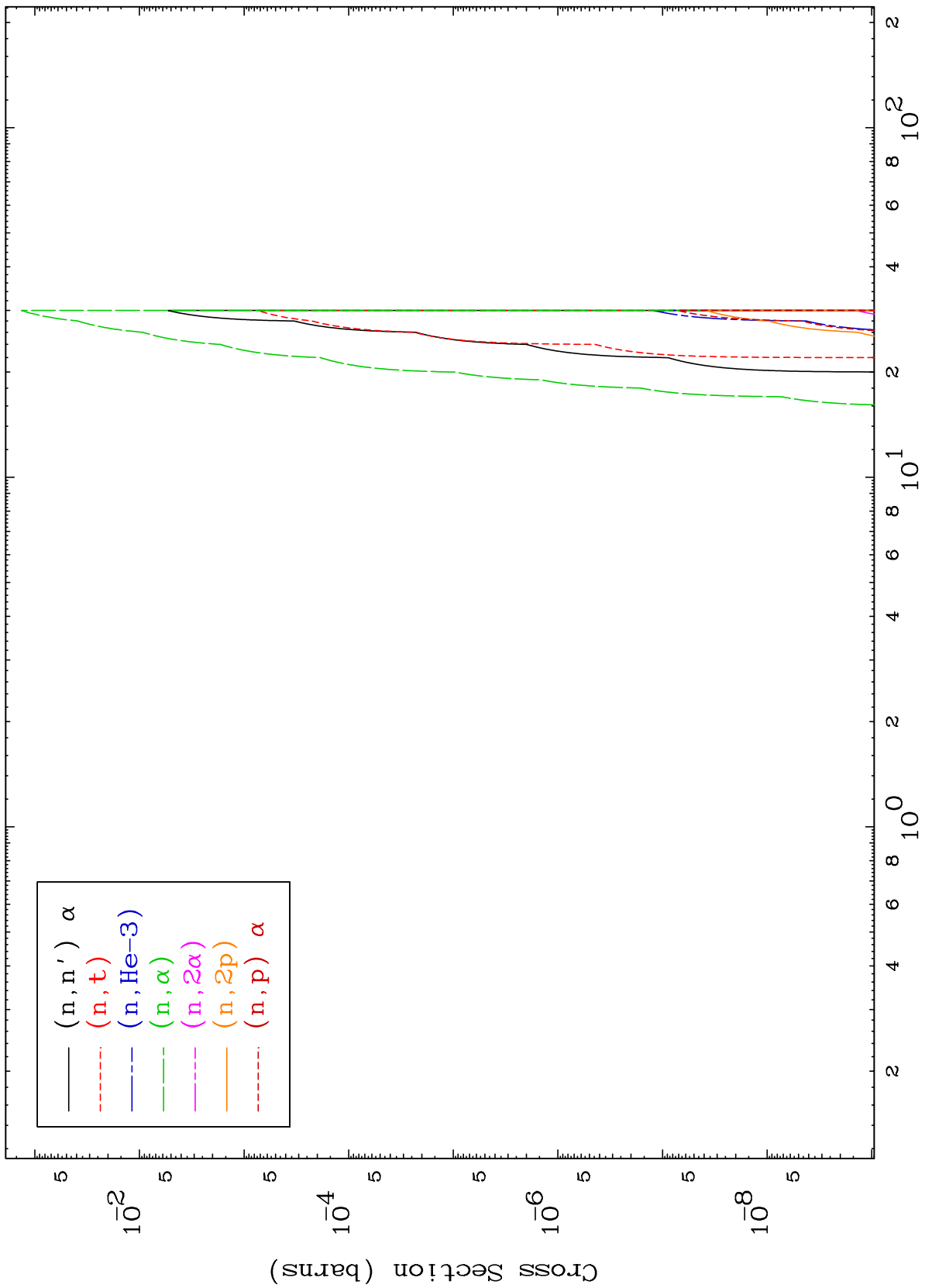
MAT 7914

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-193m





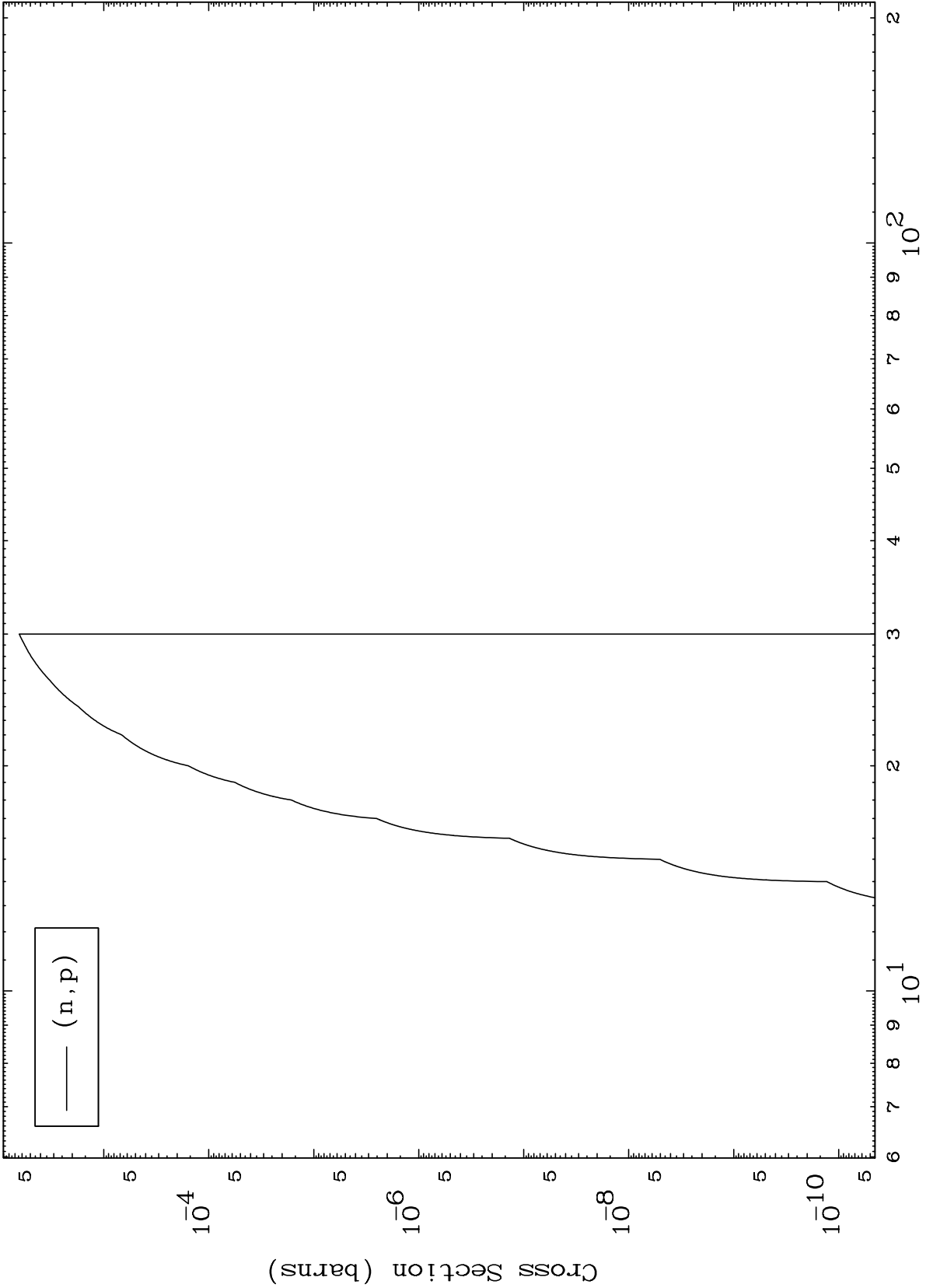


MAT 7914

(α, p) Levels

⁷⁹Au-193m

0 Kelvin Cross Sections



(n, p)

6

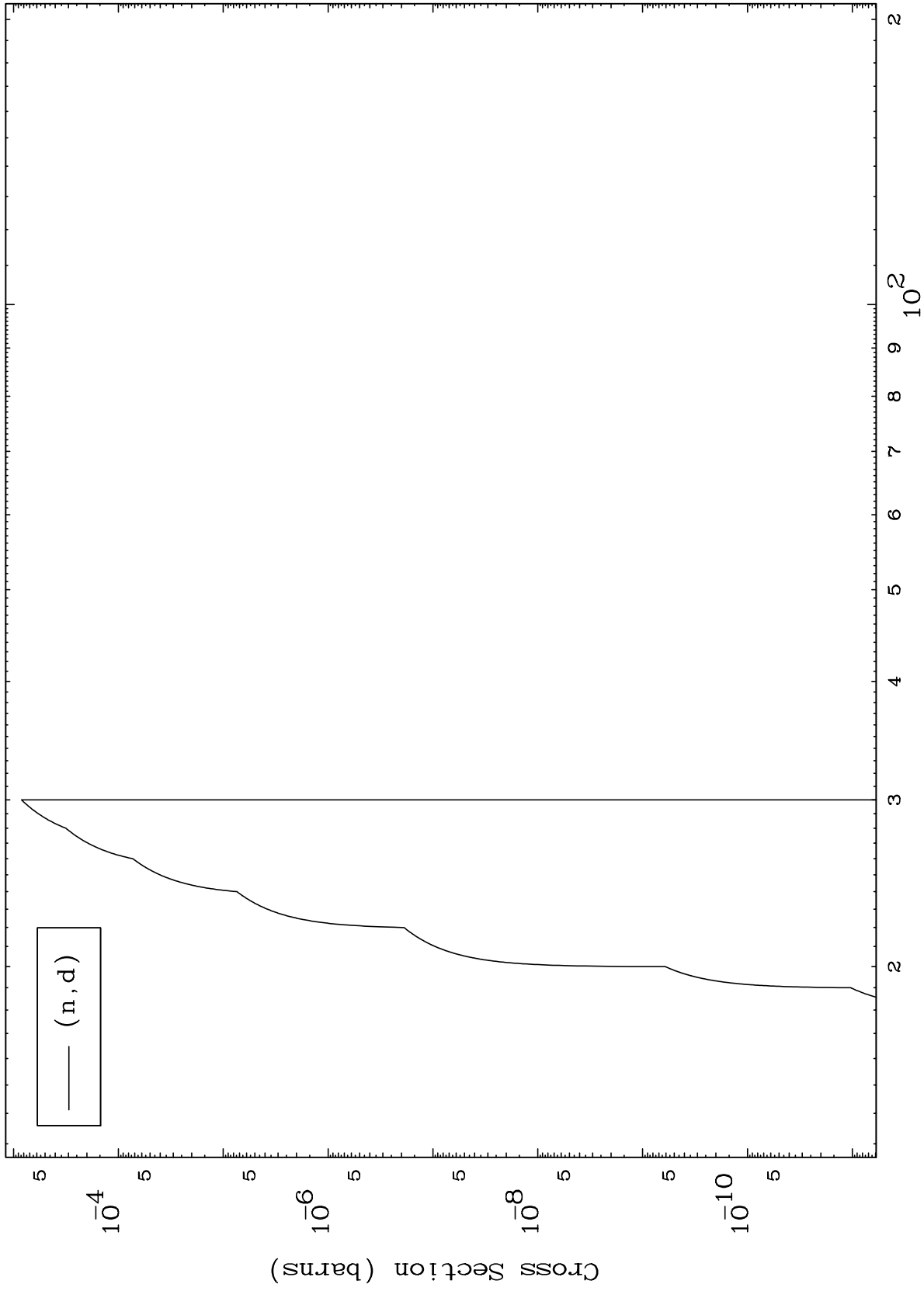
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

79-Au-193m

(α, d) Levels
0 Kelvin Cross Sections



79-Au-193m

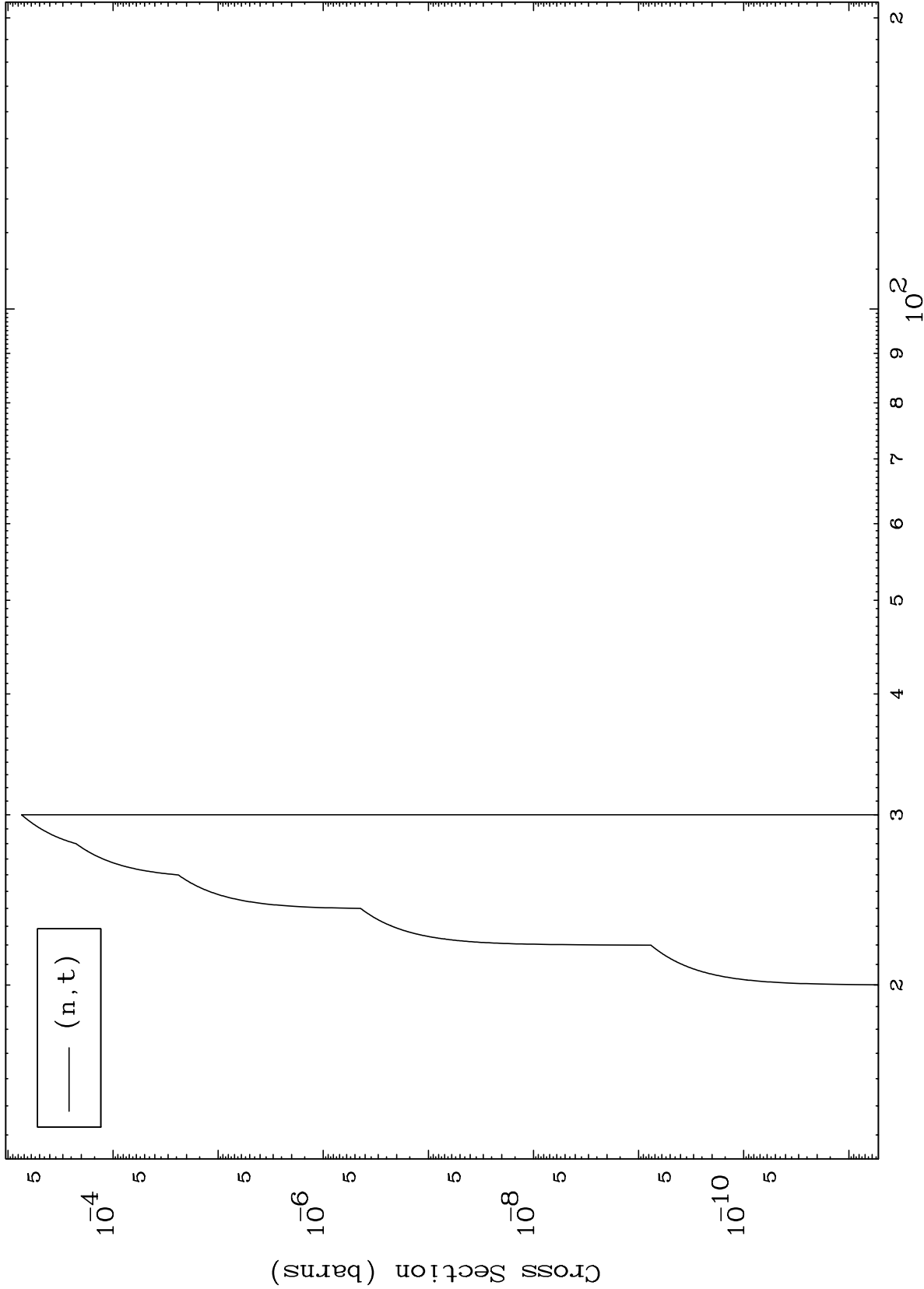
Incident Energy (MeV)

7

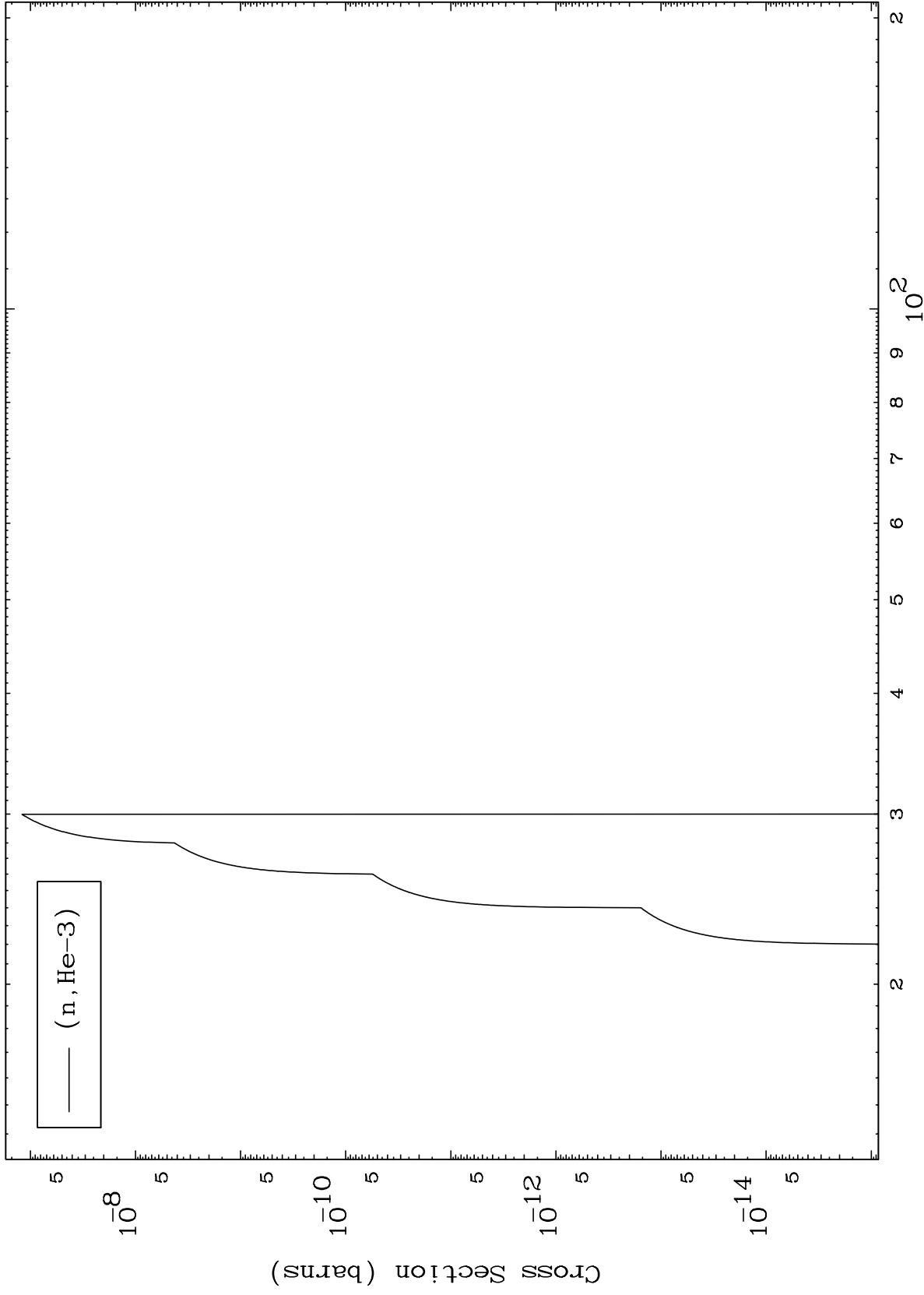
MAT 7914

(α, t) Levels
0 Kelvin Cross Sections

79-Au-193m



0 Kelvin Cross Sections

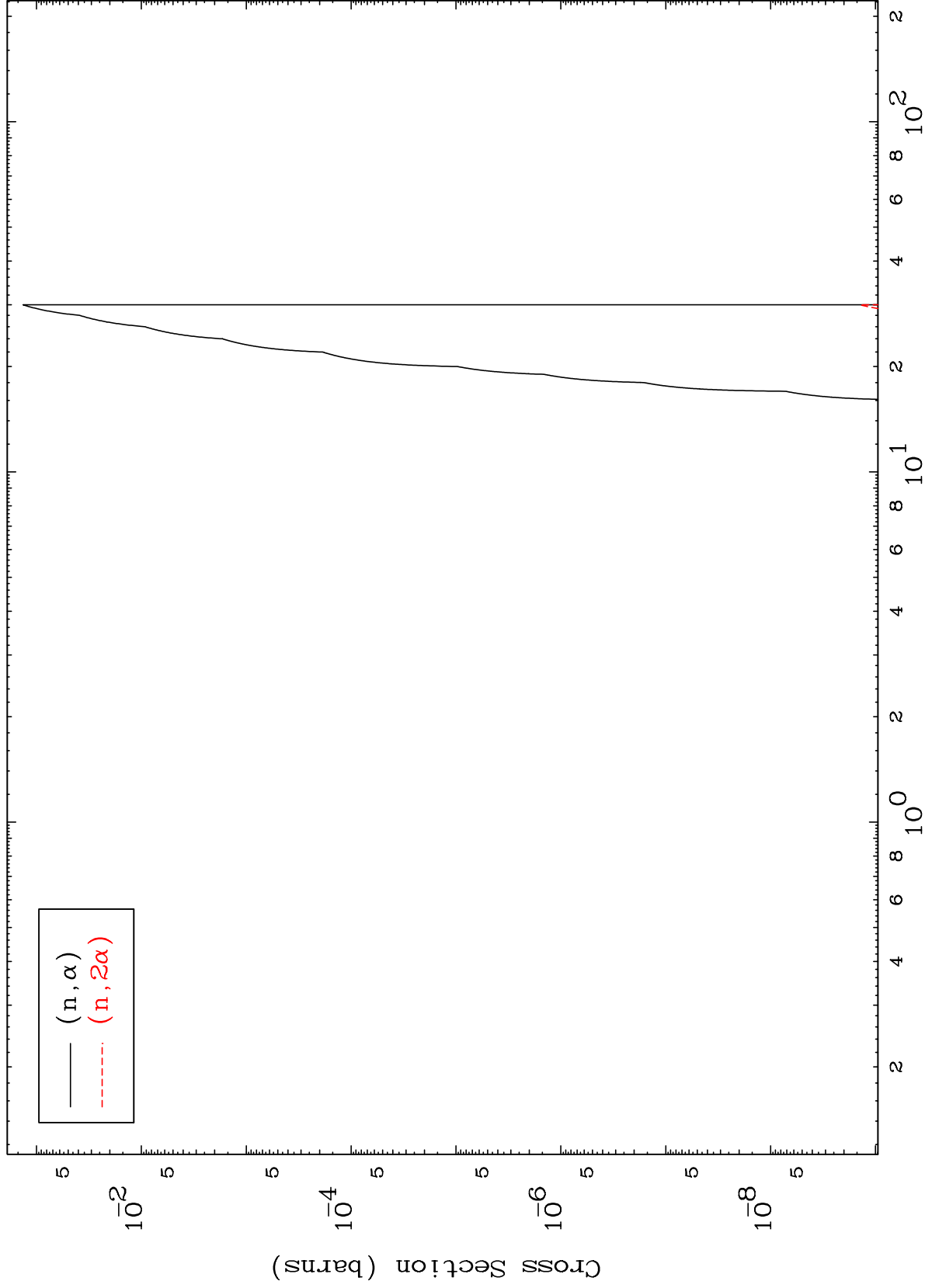


MAT 7914

(α, α) Levels

⁷⁹Au-193m

0 Kelvin Cross Sections



10

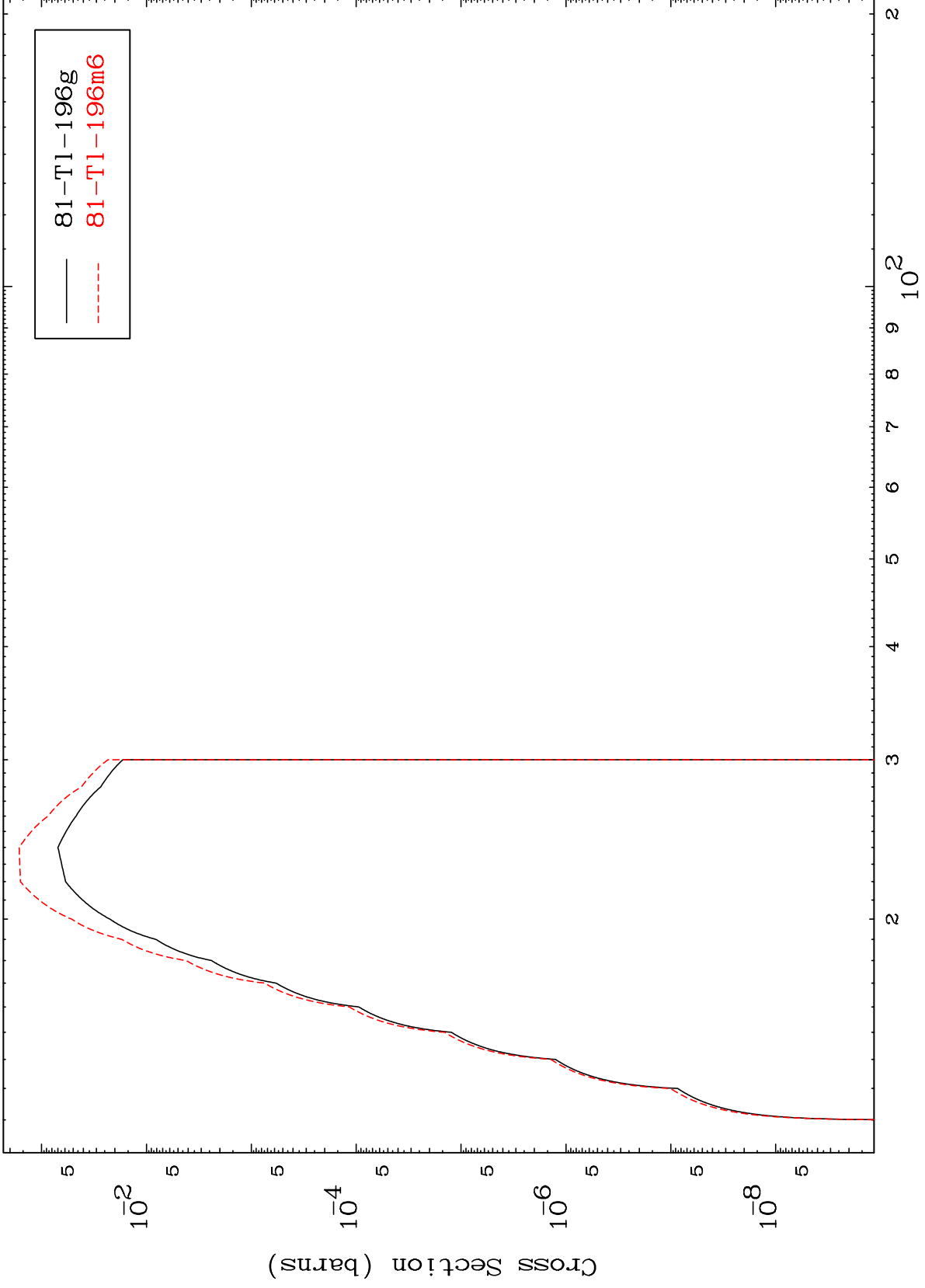
Incident Energy (MeV)

⁷⁹Au-193m

MAT 7914

79-Au-193m

Inelastic
Radionuclide Production Cross Section

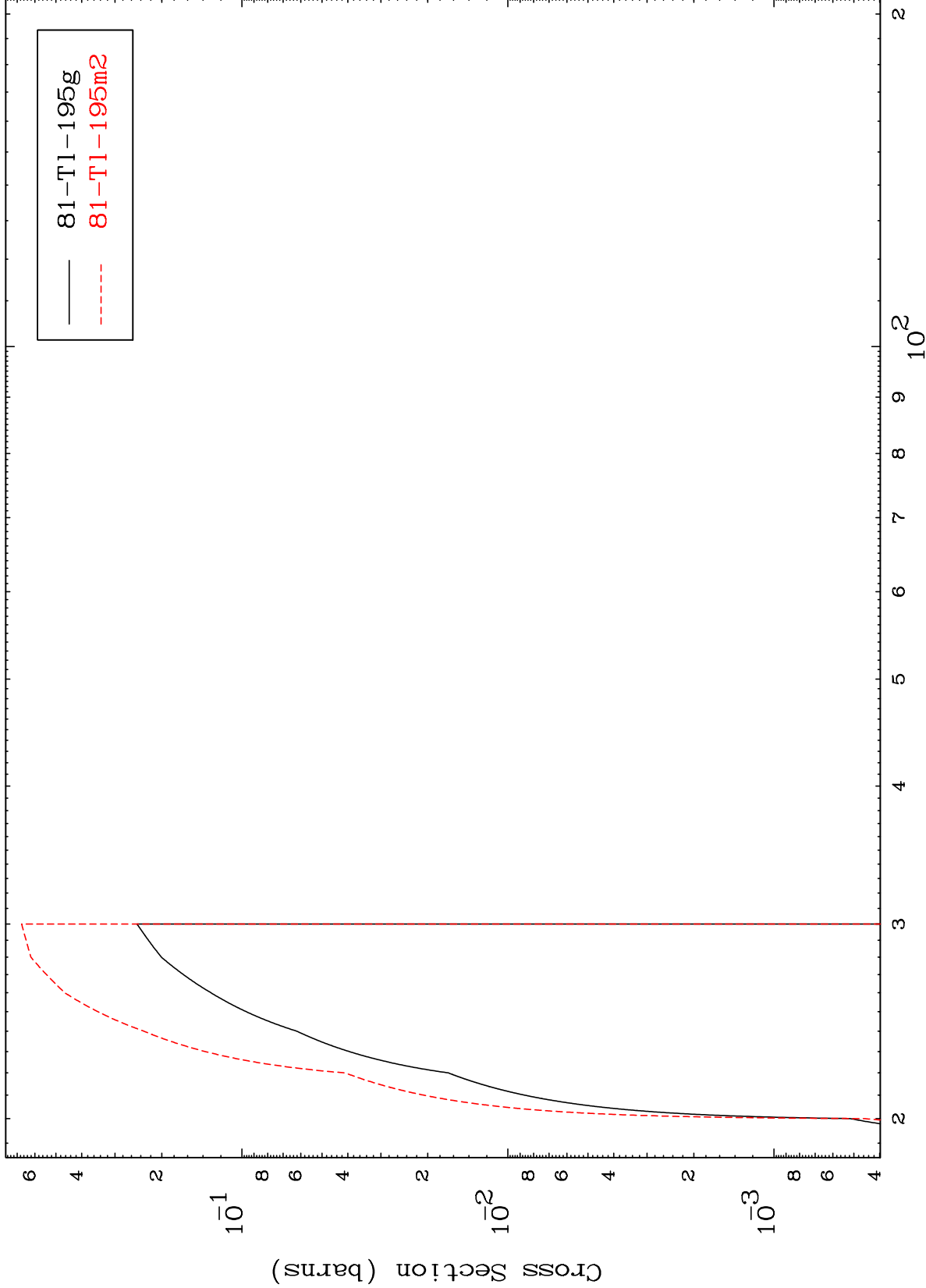


MAT 7914

(n,2n)

⁷⁹Au-193m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

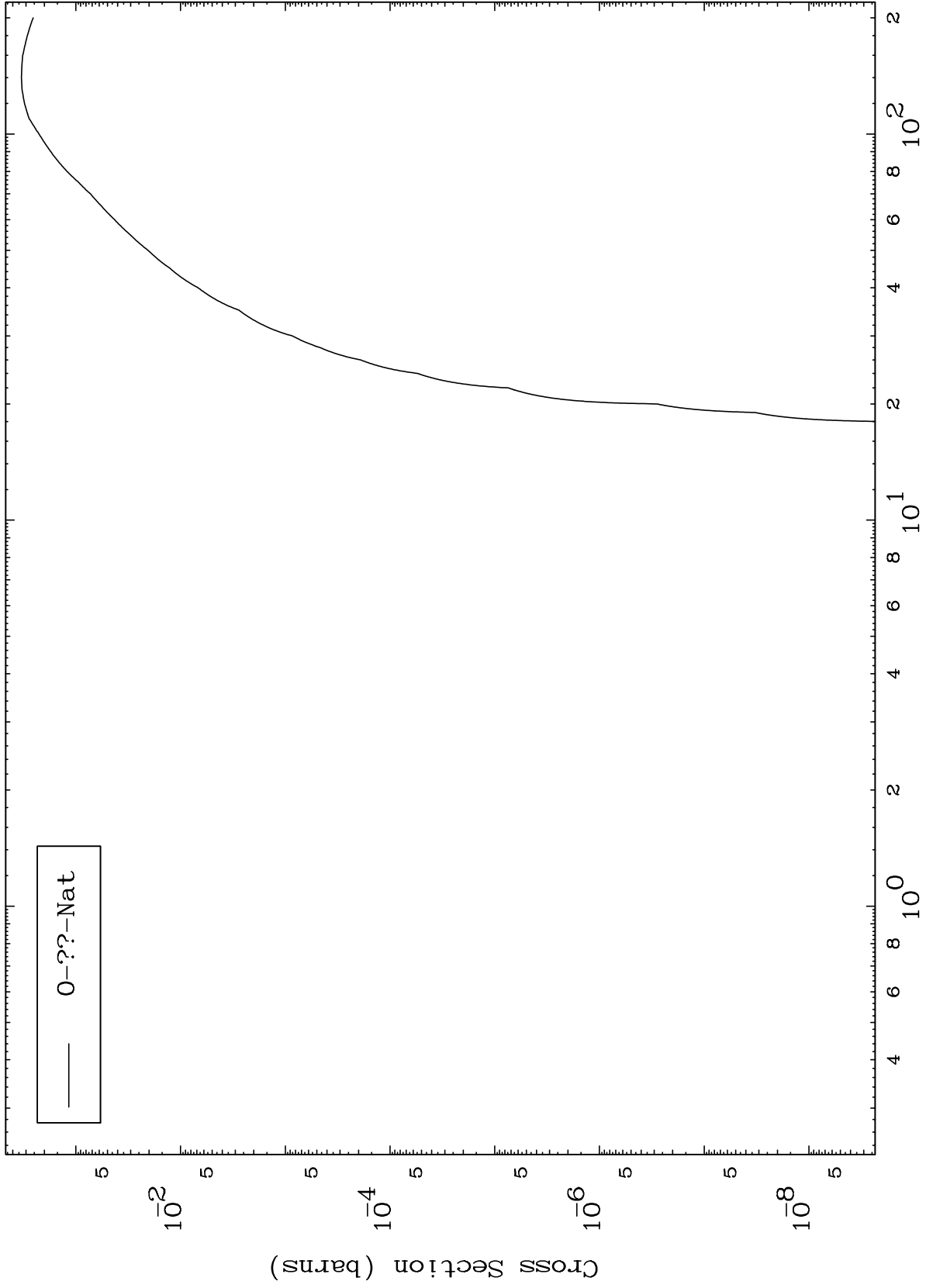
⁷⁹Au-193m

MAT 7914

Fission

⁷⁹Au-193m

Radionuclide Production Cross Section

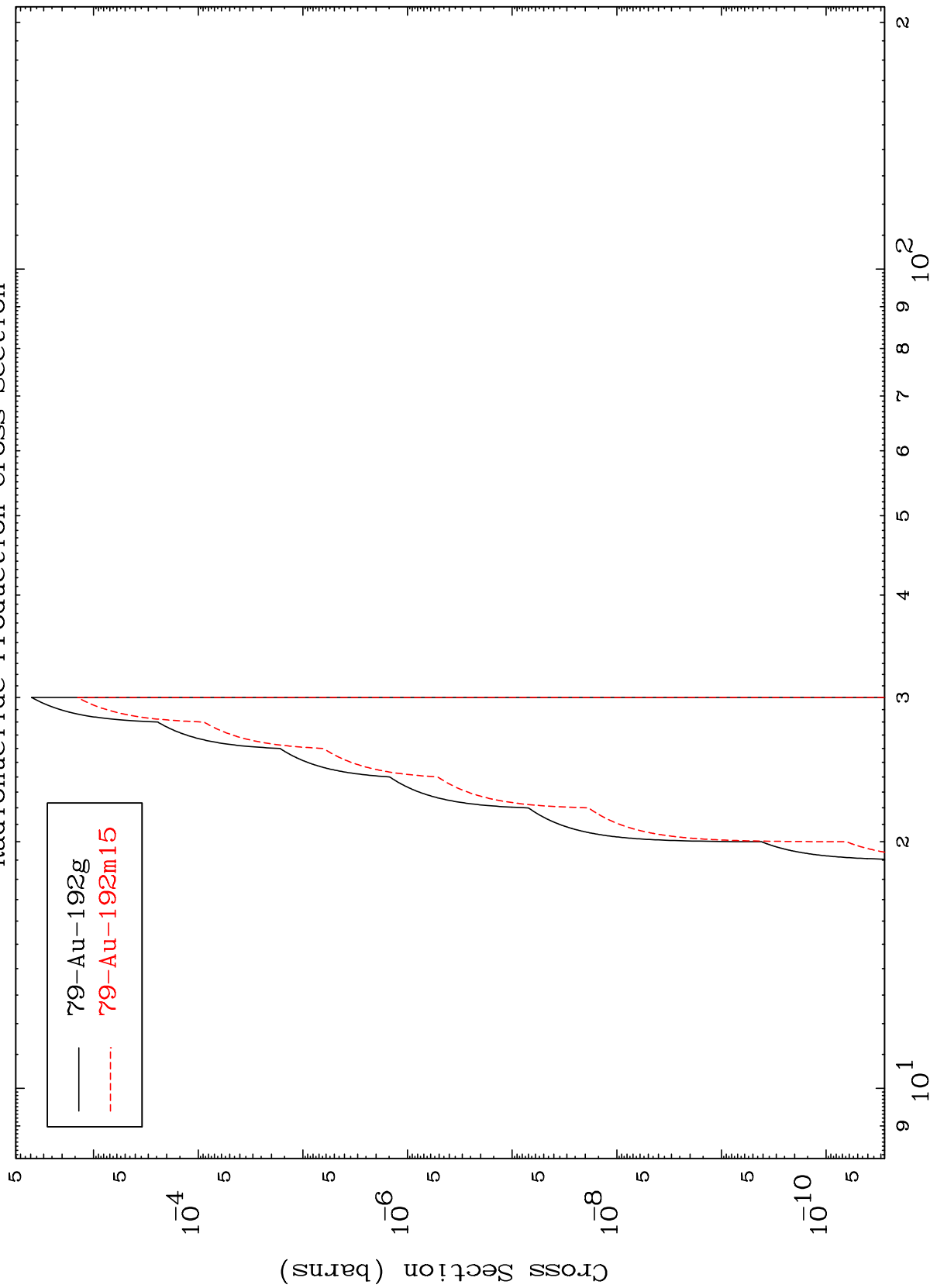


MAT 7914

⁷⁹Au-193m

(n,n') α

Radionuclide Production Cross Section



⁷⁹Au-193m

Incident Energy (MeV)

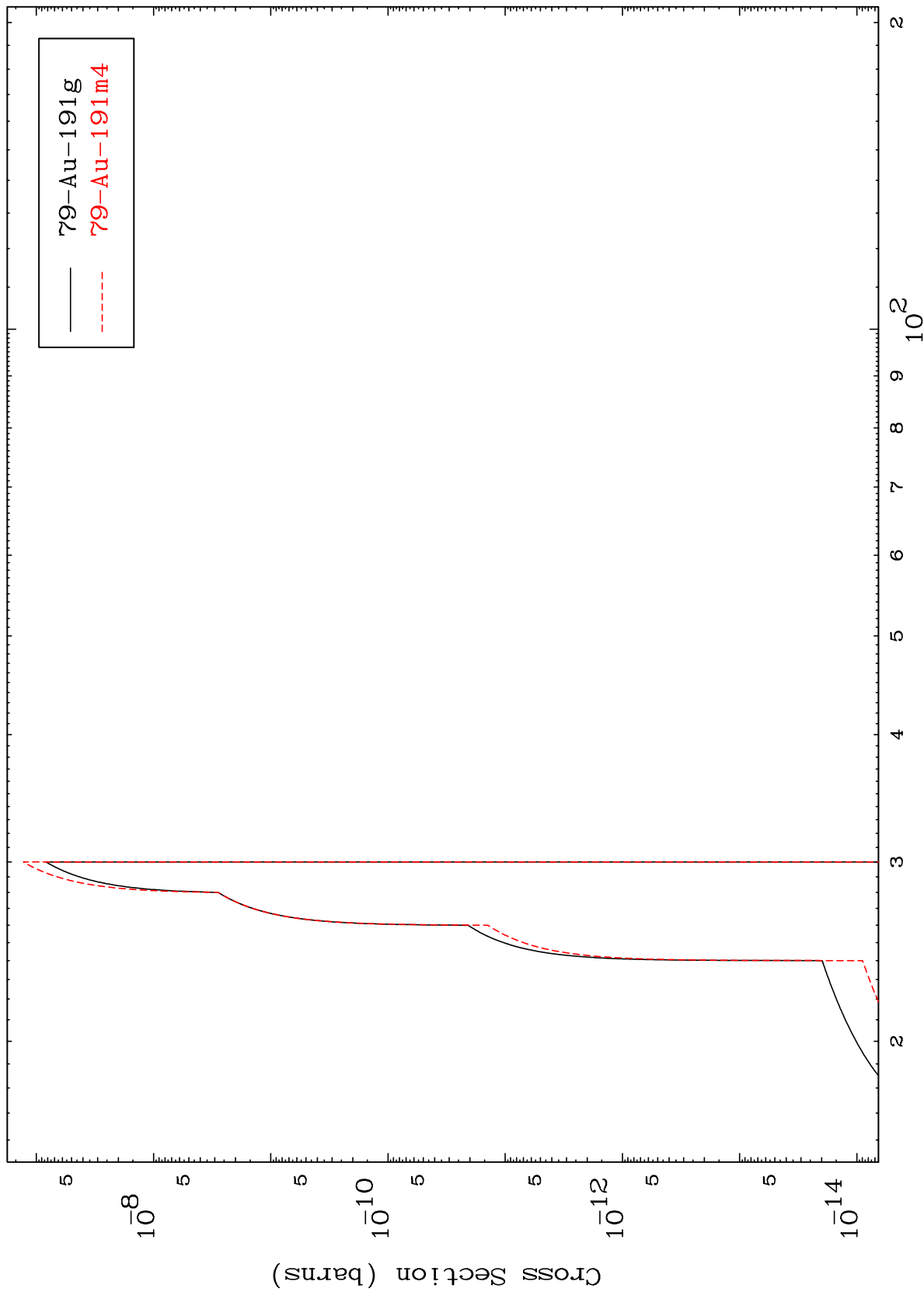
14

MAT 7914

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

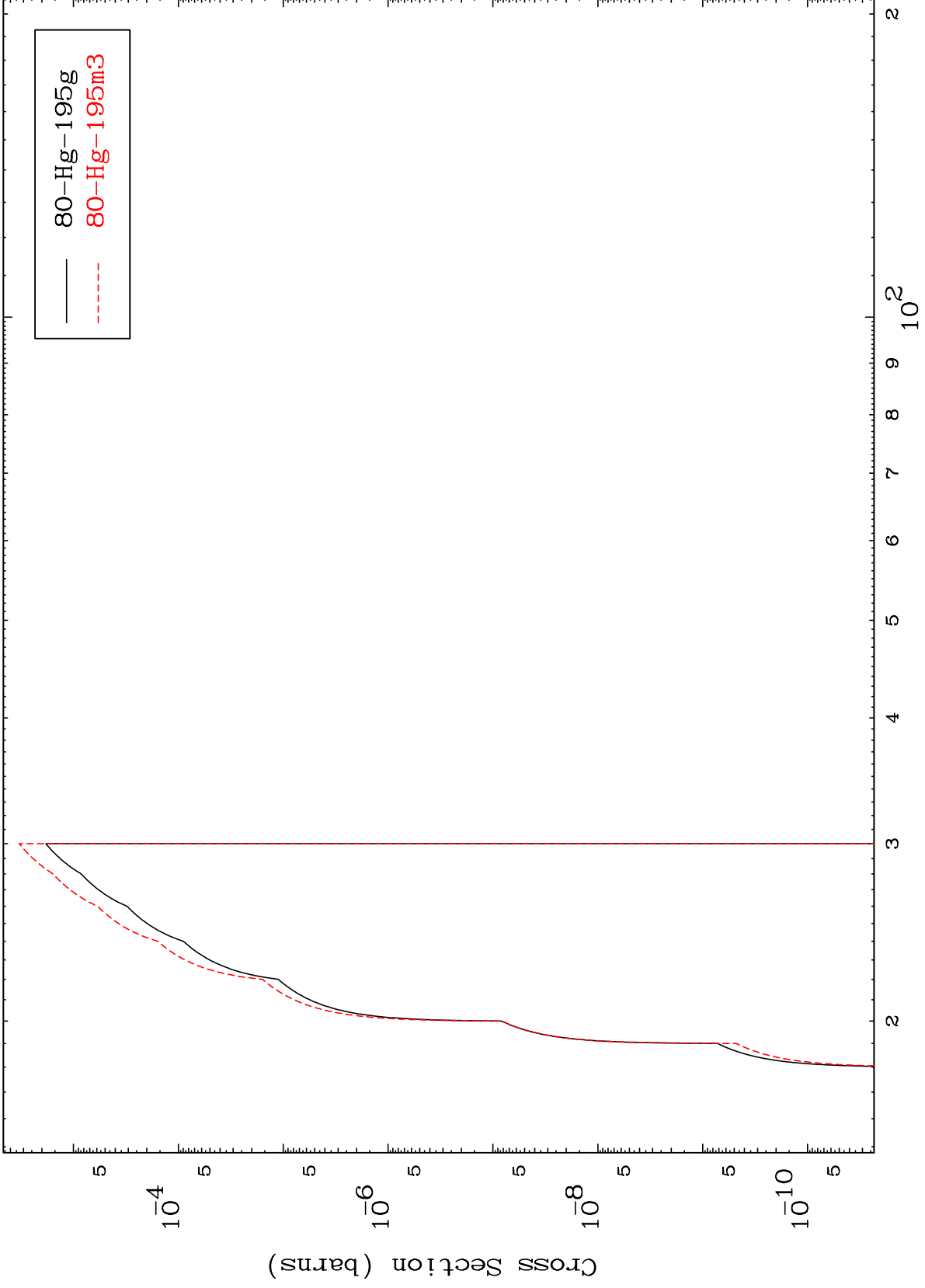
$^{79}\text{Au-193m}$

MAT 7914

(n,n') p

⁷⁹Au-193m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

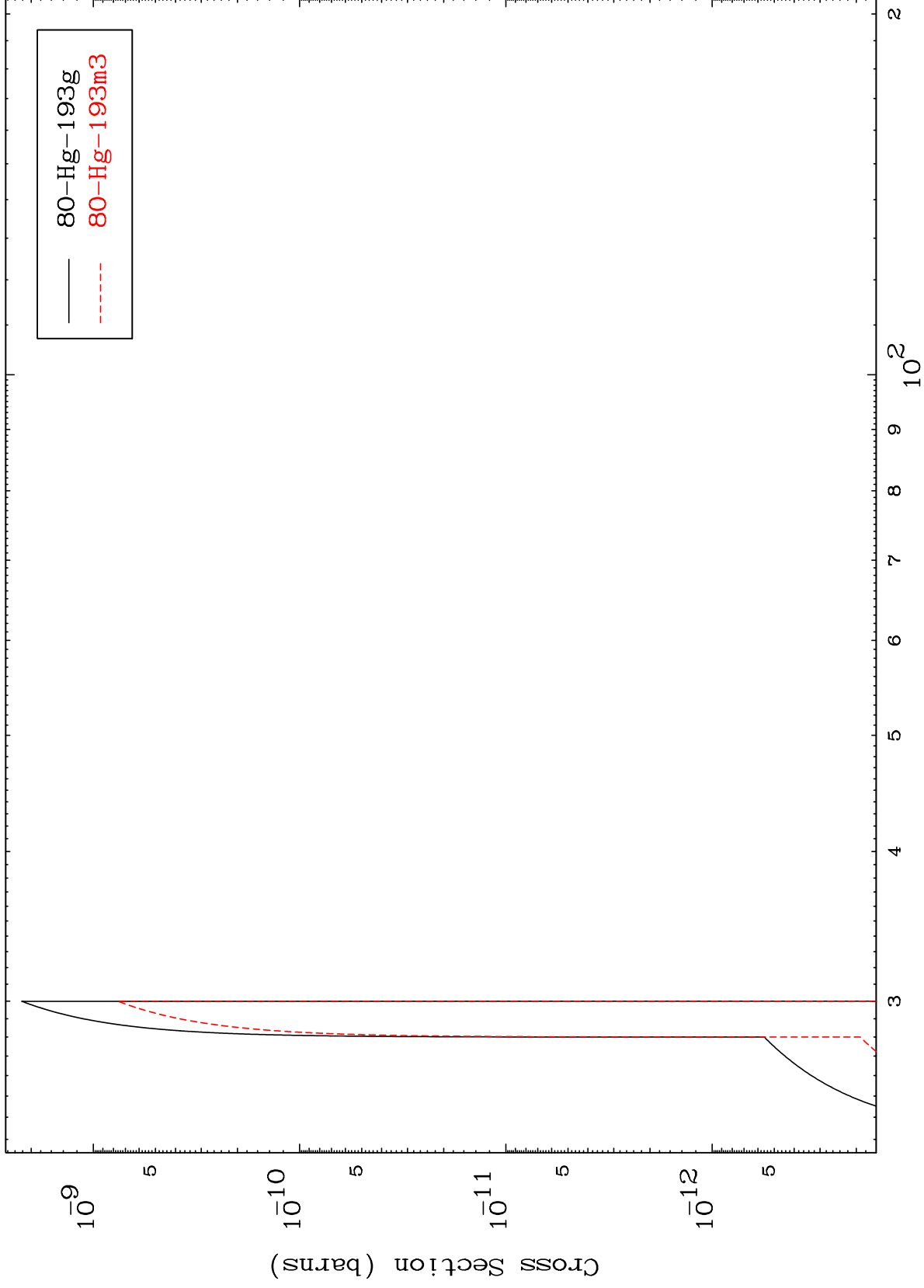
⁷⁹Au-193m

MAT 7914

(n,n') t

79-Au-193m

Radionuclide Production Cross Section



17

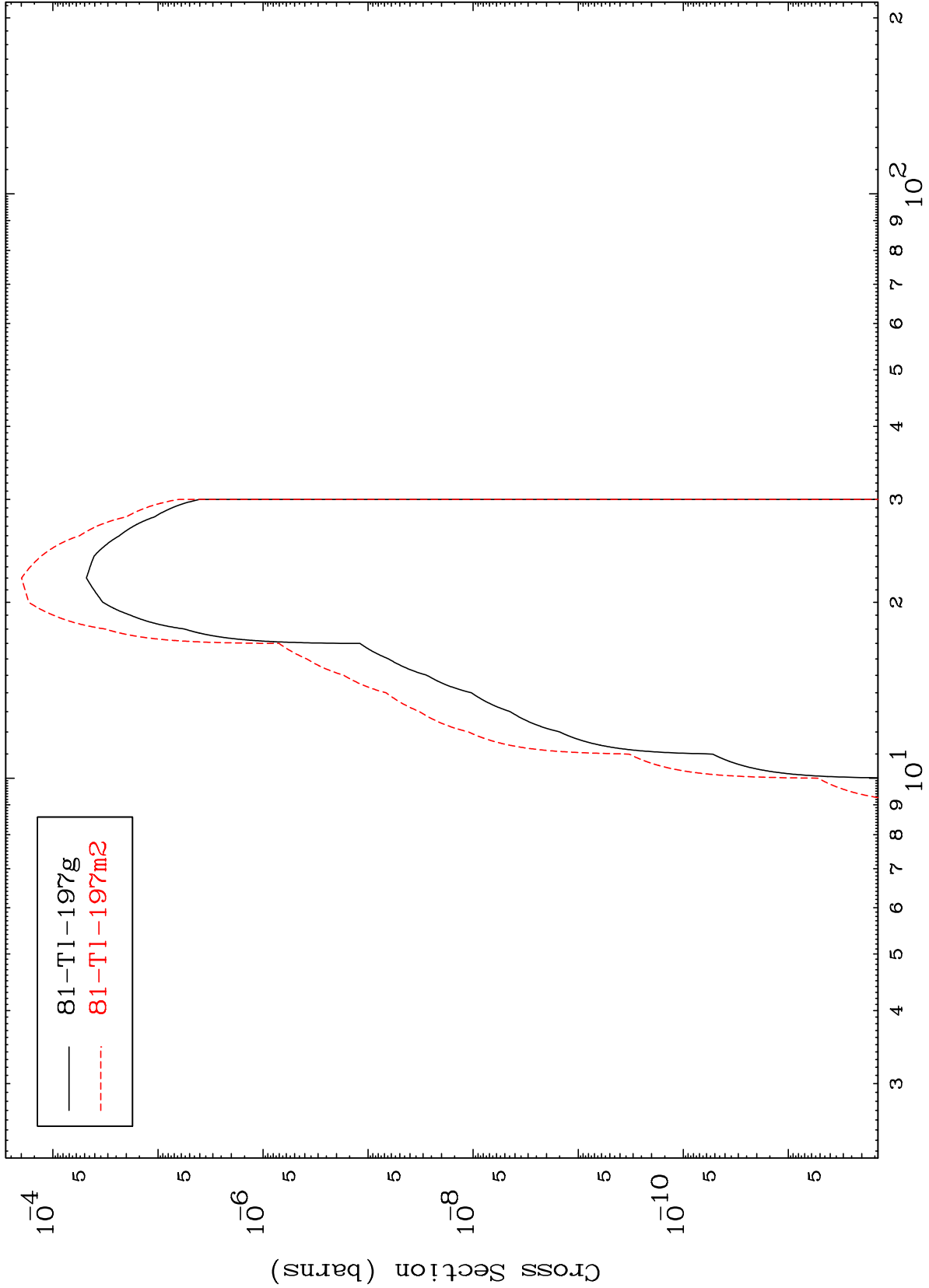
Incident Energy (MeV)

79-Au-193m

MAT 7914

⁷⁹Au-193m

(n,γ)
Radionuclide Production Cross Section



⁷⁹Au-193m

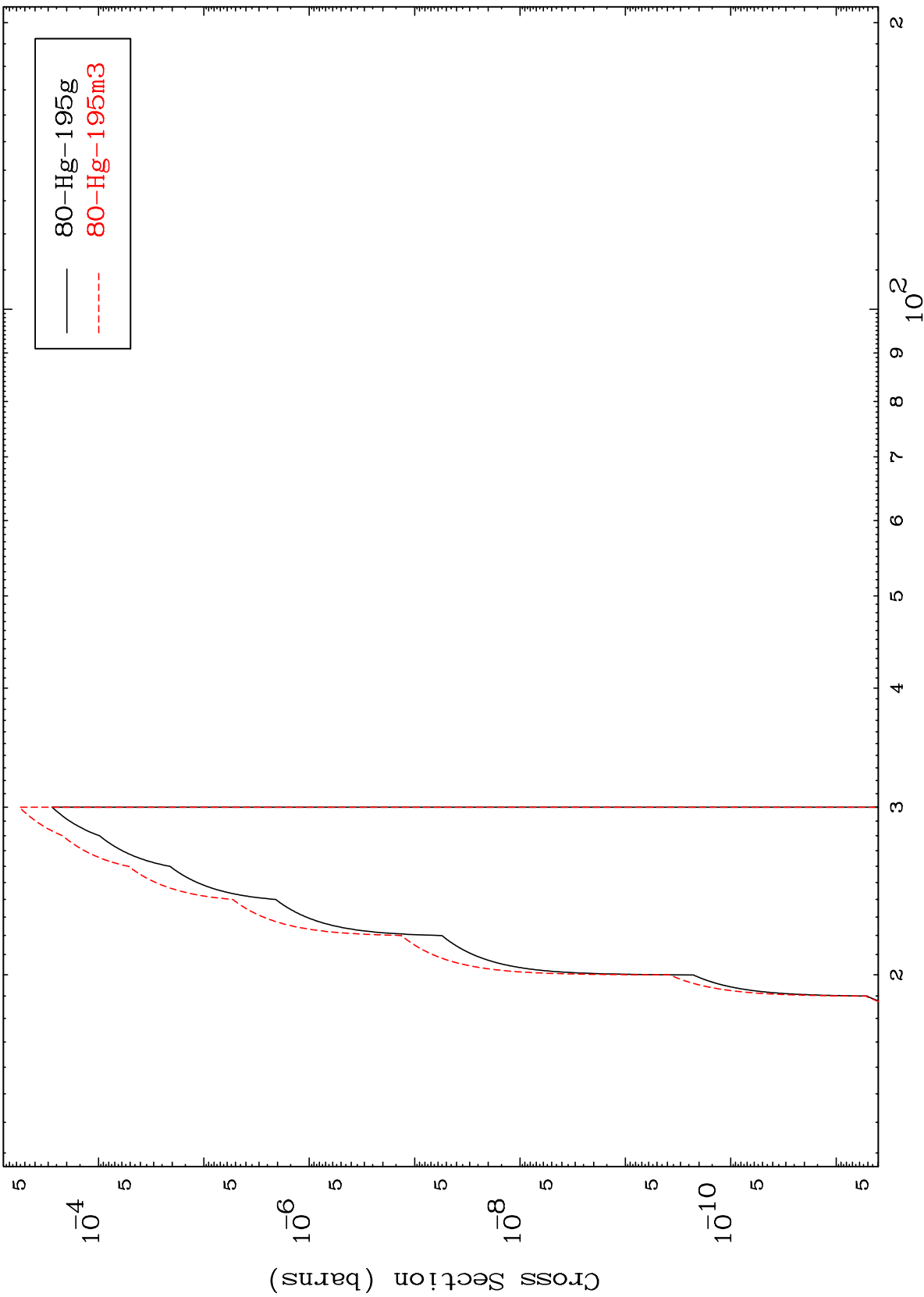
Incident Energy (MeV)

18

MAT 7914

79-Au-193m

(n,d)
Radionuclide Production Cross Section



19

79-Au-193m

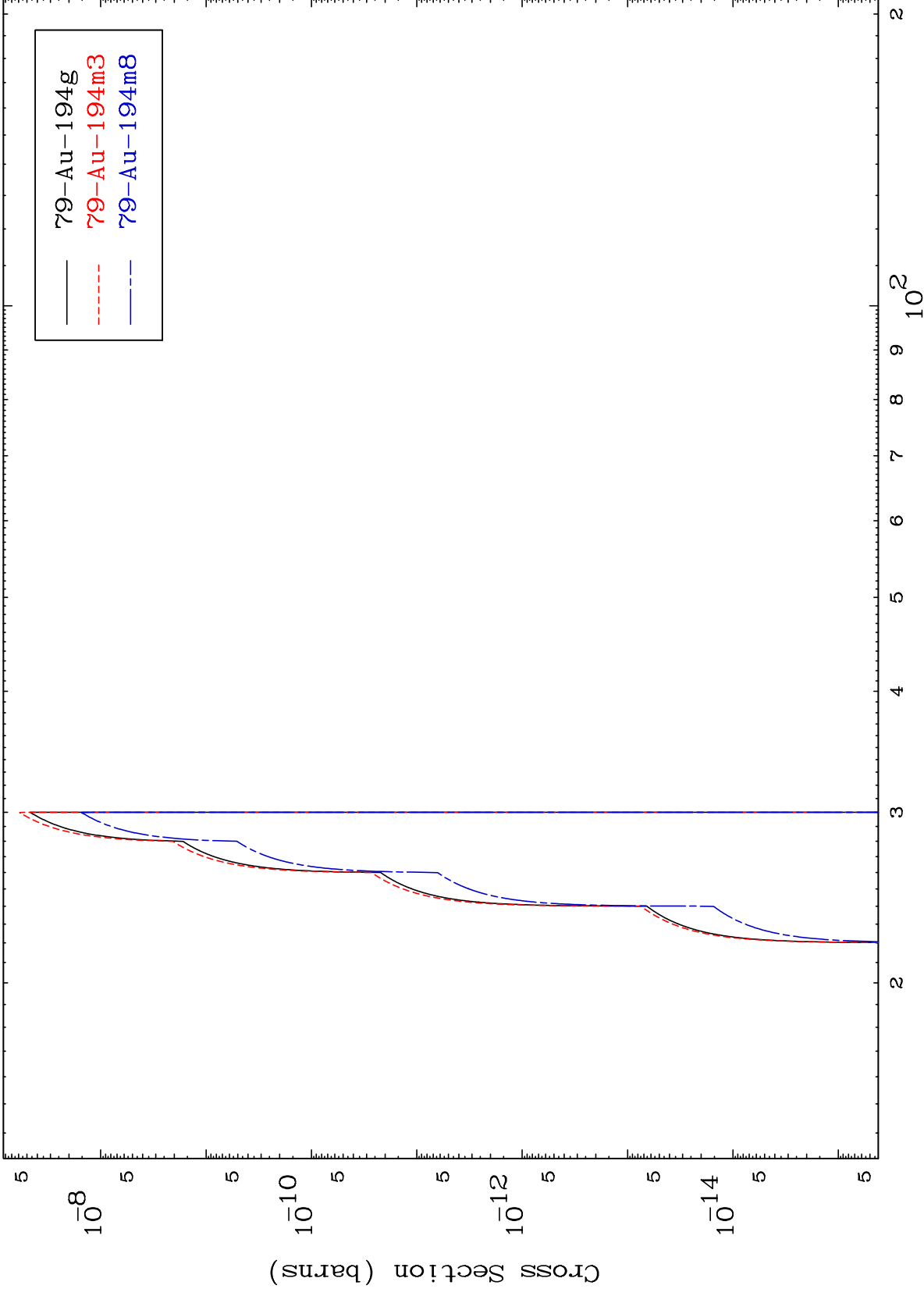
Incident Energy (MeV)

MAT 7914

(n,He-3)

79-Au-193m

Radionuclide Production Cross Section



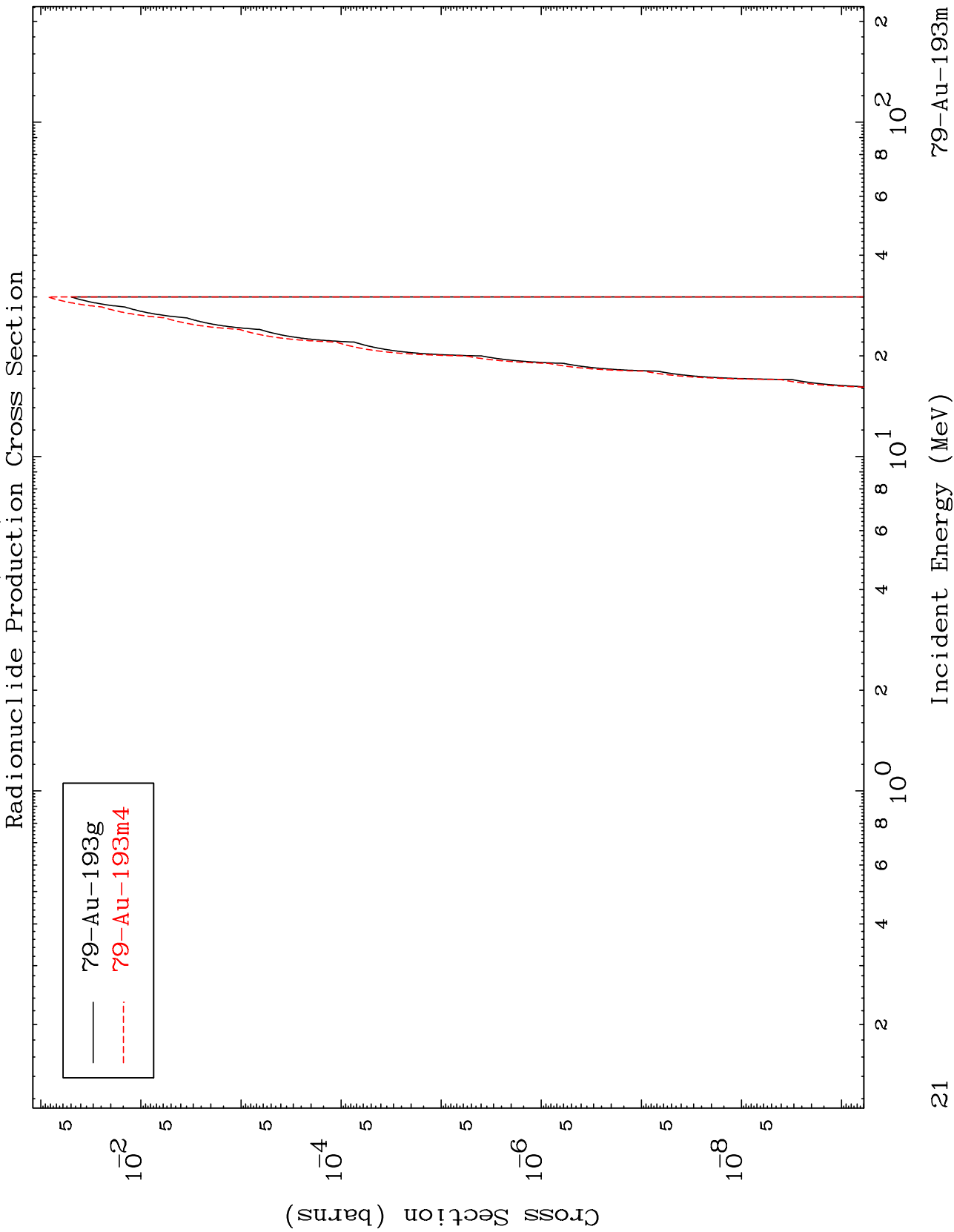
20

Incident Energy (MeV)

79-Au-193m

MAT 7914

⁷⁹Au-193m

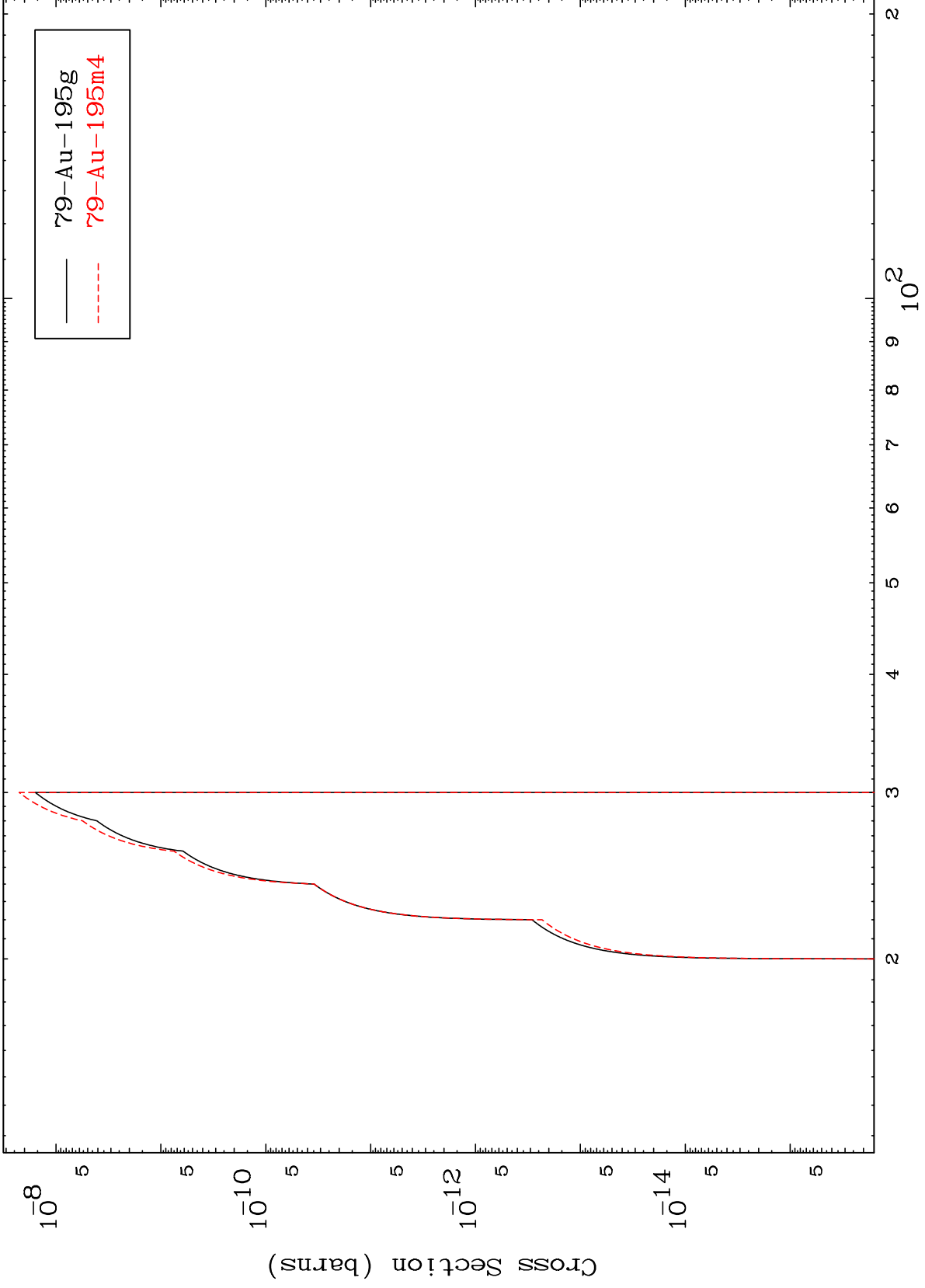


— ⁷⁹Au-193g
- - - ⁷⁹Au-193m4

MAT 7914

⁷⁹Au-193m

(n,2p)
Radionuclide Production Cross Section



22

⁷⁹Au-193m

Incident Energy (MeV)