

Program EVALPLOT
(Version 2021-1)

by

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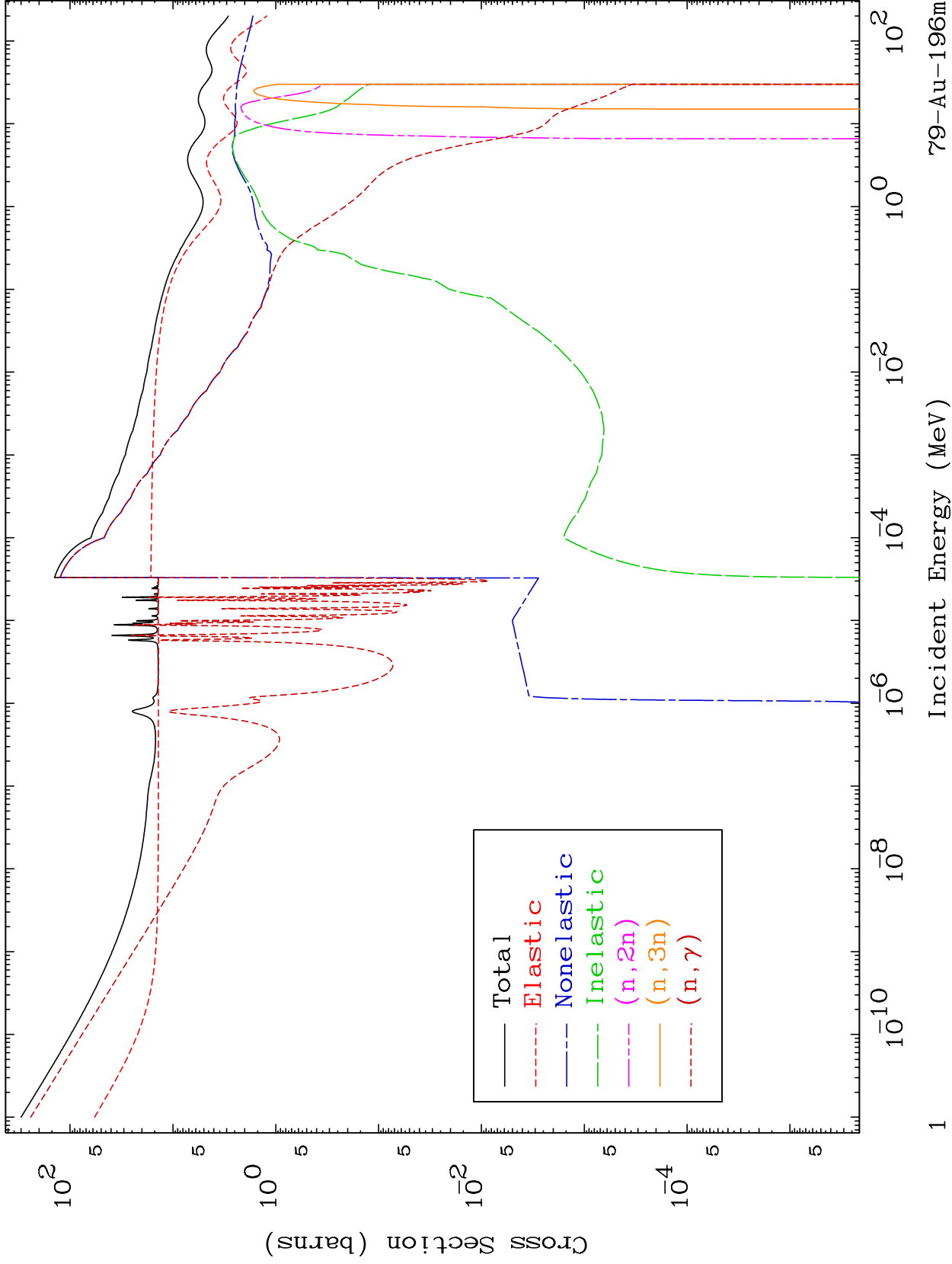
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7923

Neutron Major
293 Kelvin Cross Sections

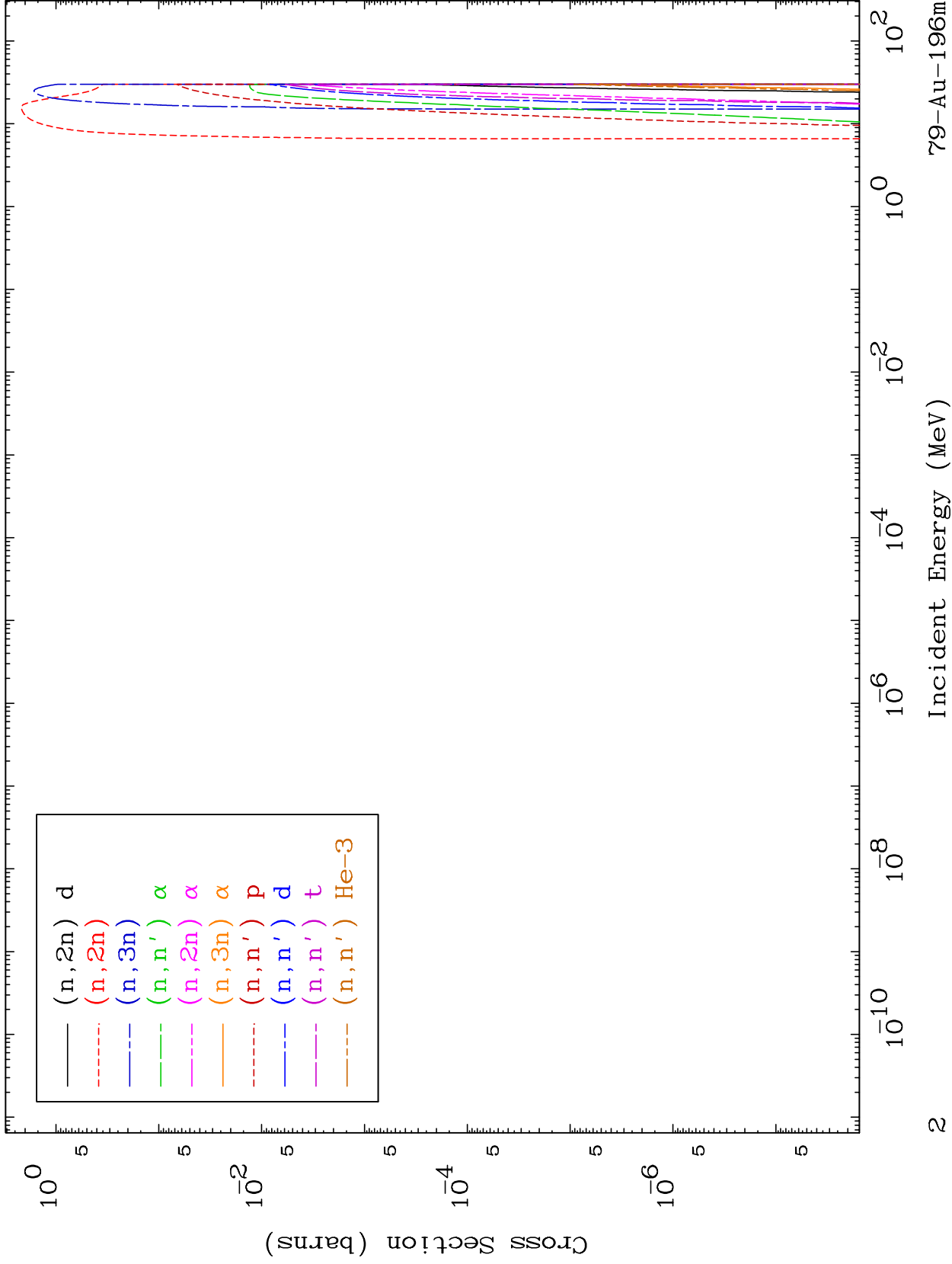
79-Au-196m



MAT 7923

Neutron Absorption
293 Kelvin Cross Sections

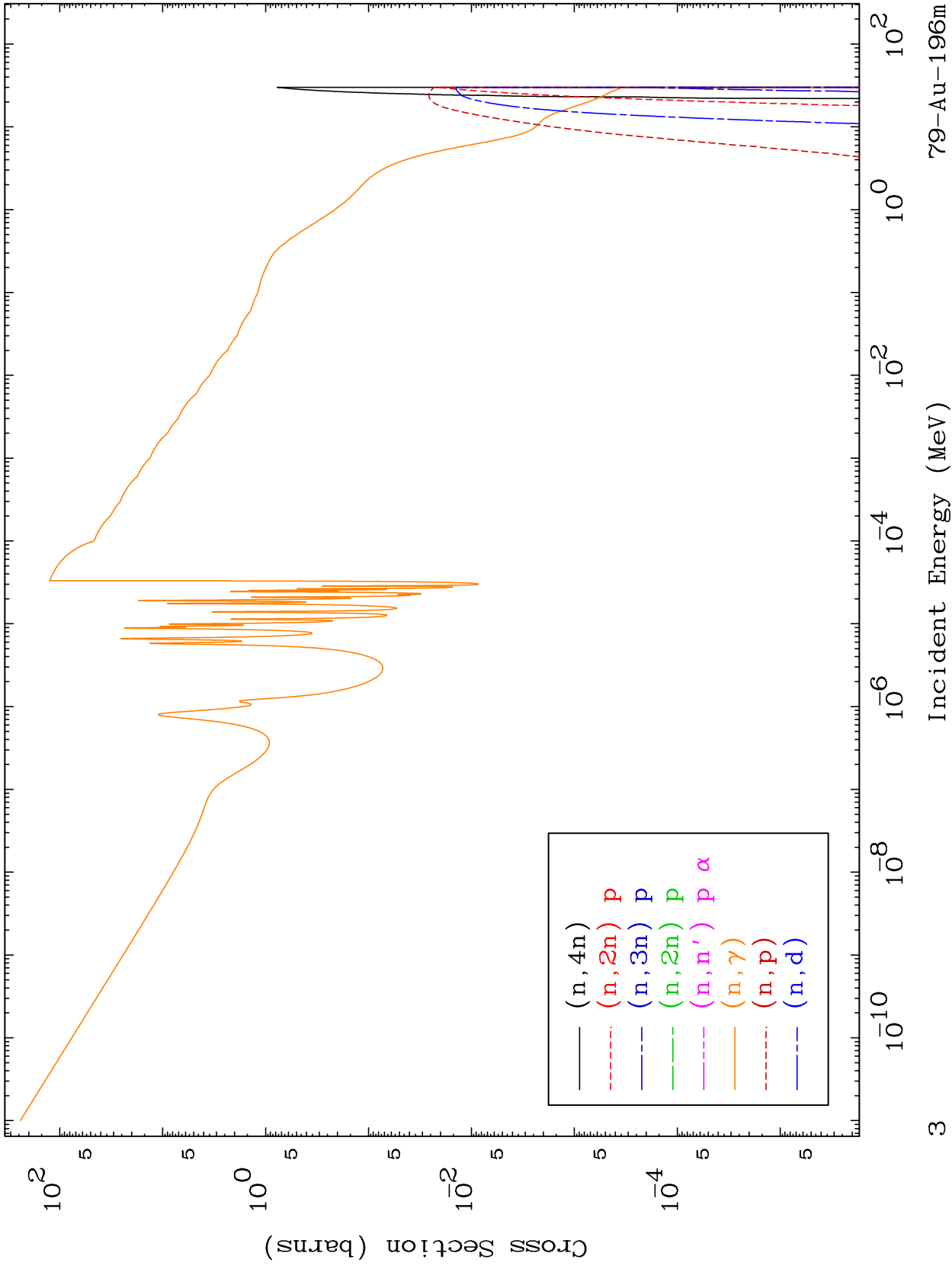
79-Au-196m



MAT 7923

Neutron Absorption
293 Kelvin Cross Sections

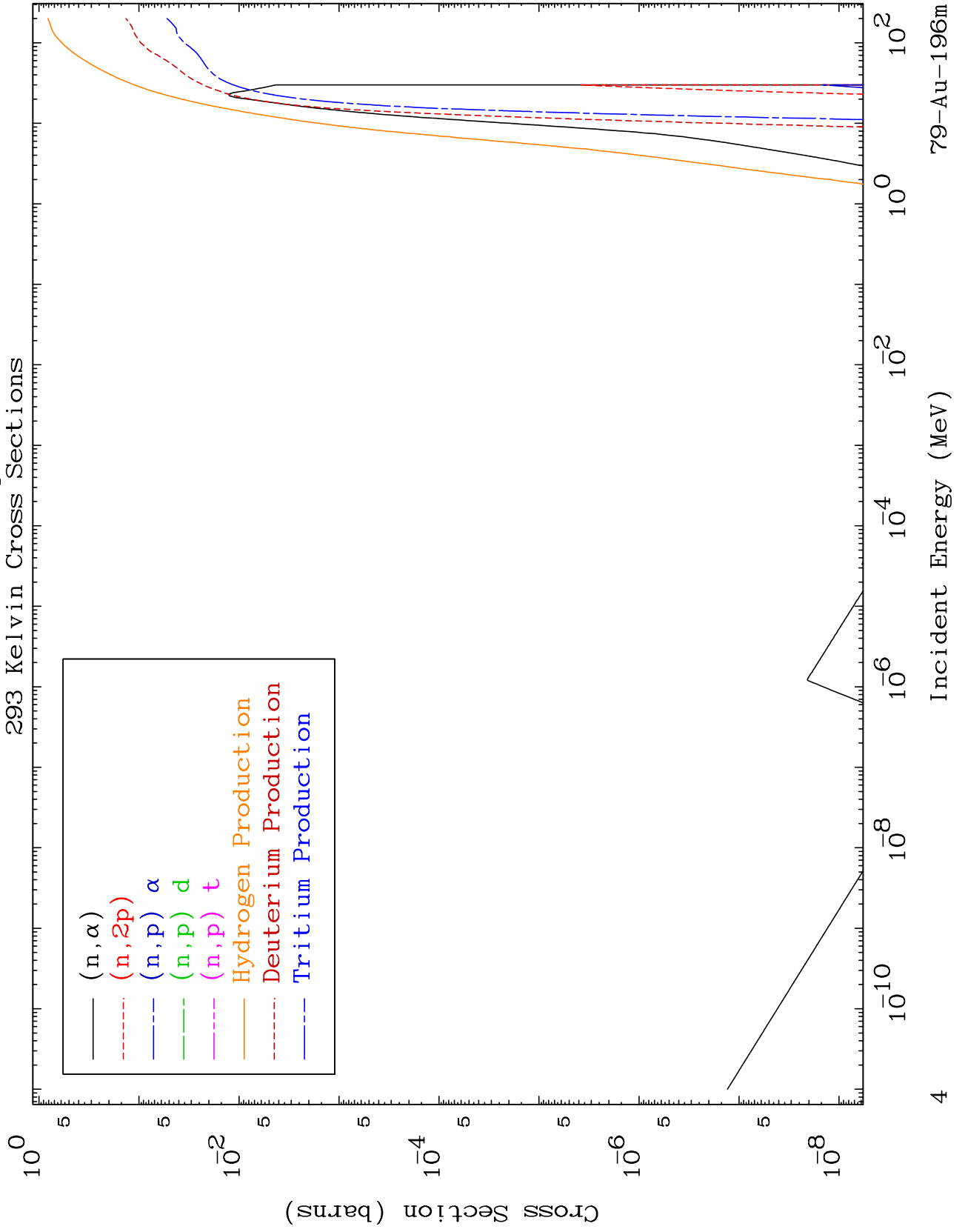
79-Au-196m



MAT 7923

Neutron Absorption
293 Kelvin Cross Sections

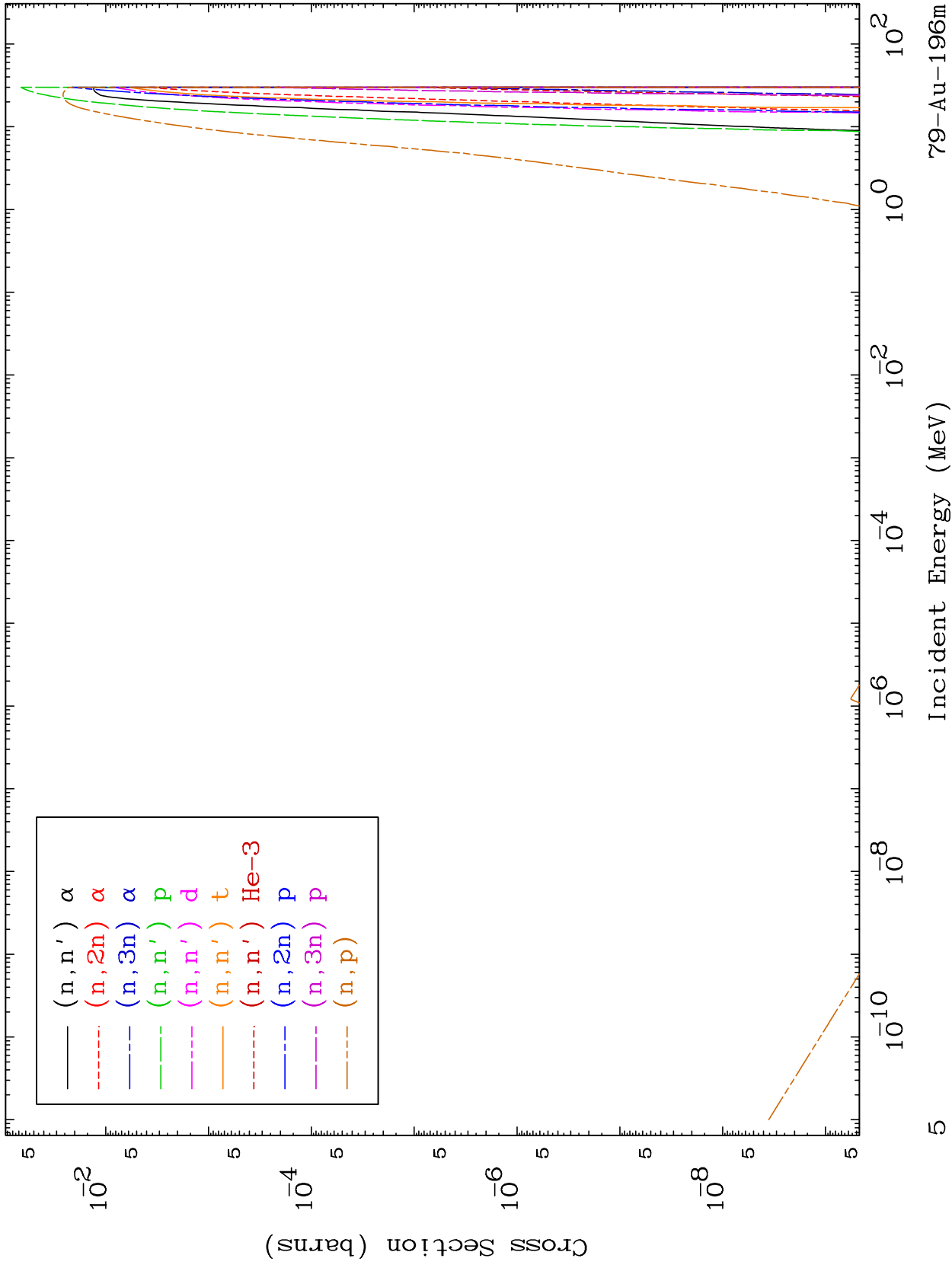
79-Au-196m



MAT 7923

Charged Particle
293 Kelvin Cross Sections

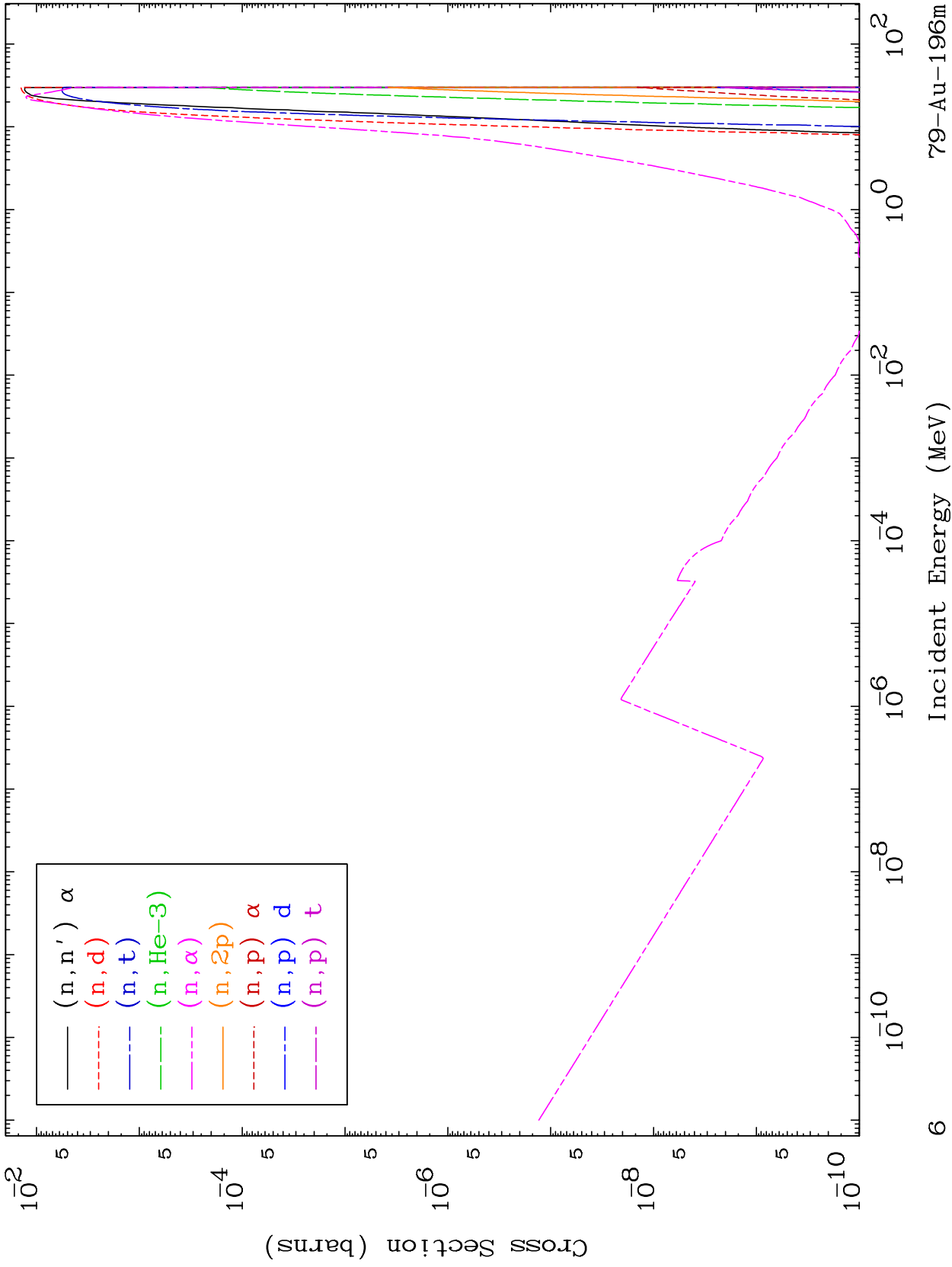
79-Au-196m



MAT 7923

Charged Particle
293 Kelvin Cross Sections

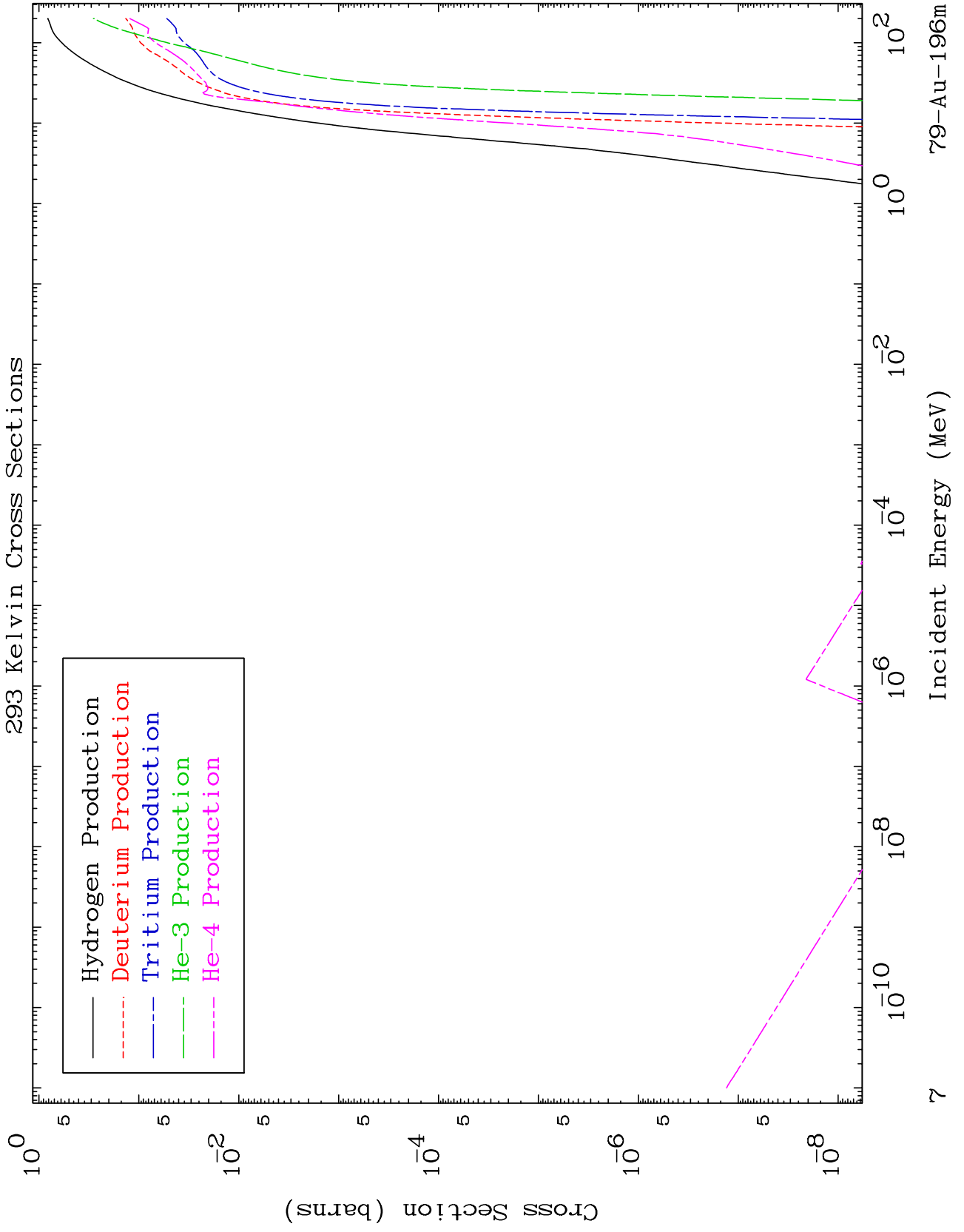
79-Au-196m



MAT 7923

Particle Production
293 Kelvin Cross Sections

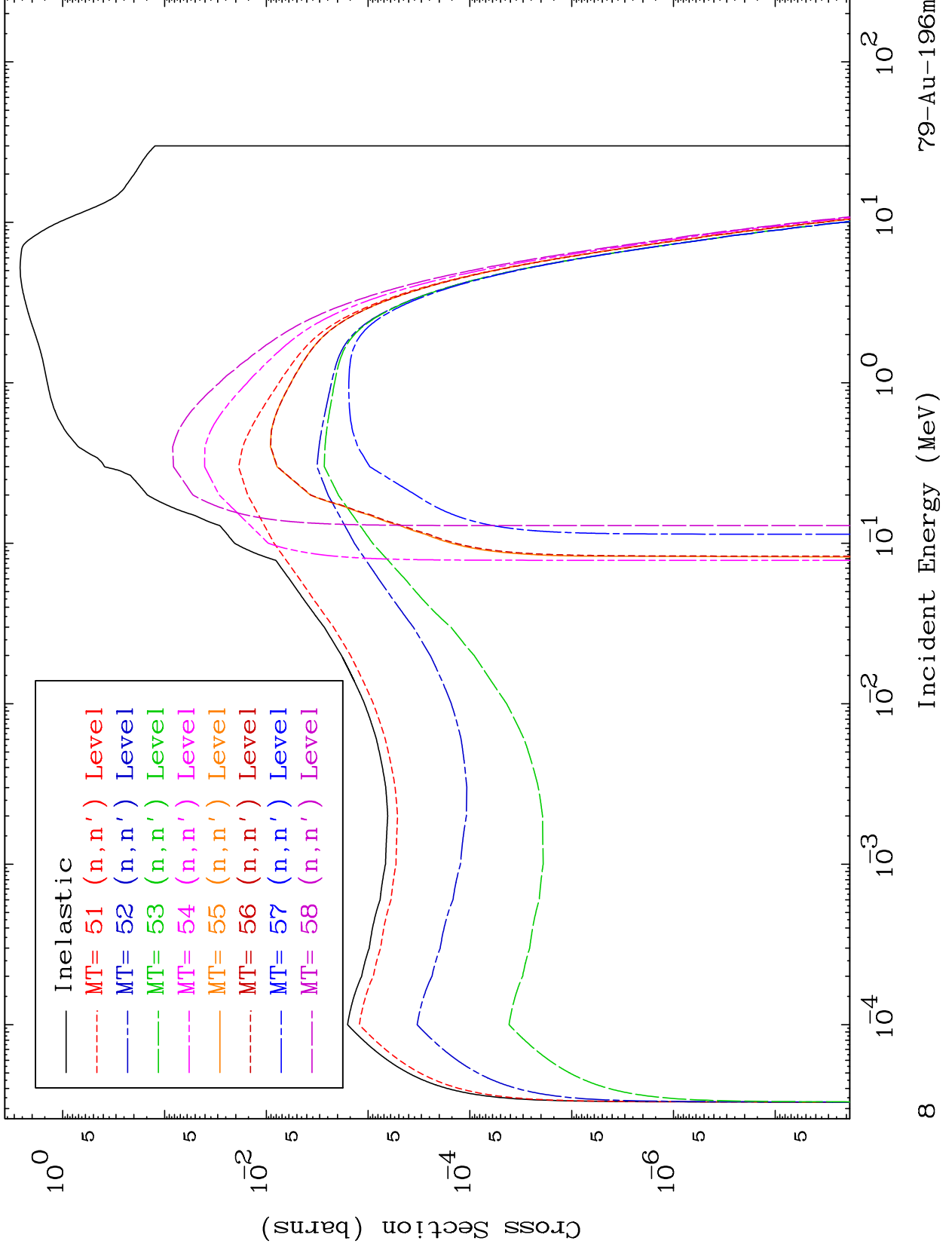
⁷⁹Au-196m



MAT 7923

293 (n,n') Levels

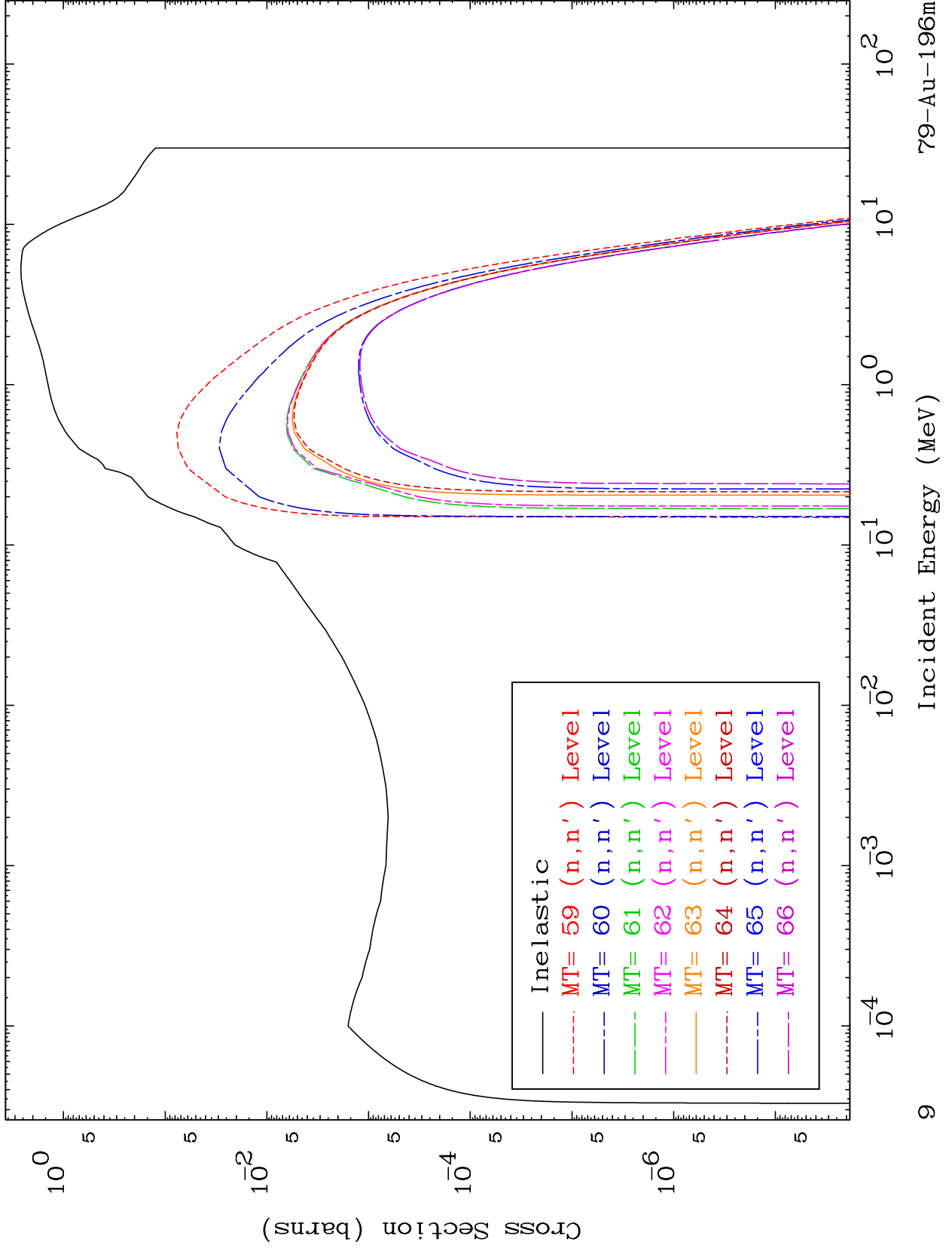
79-Au-196m



MAT 7923

(n,n') Levels
293 Kelvin Cross Sections

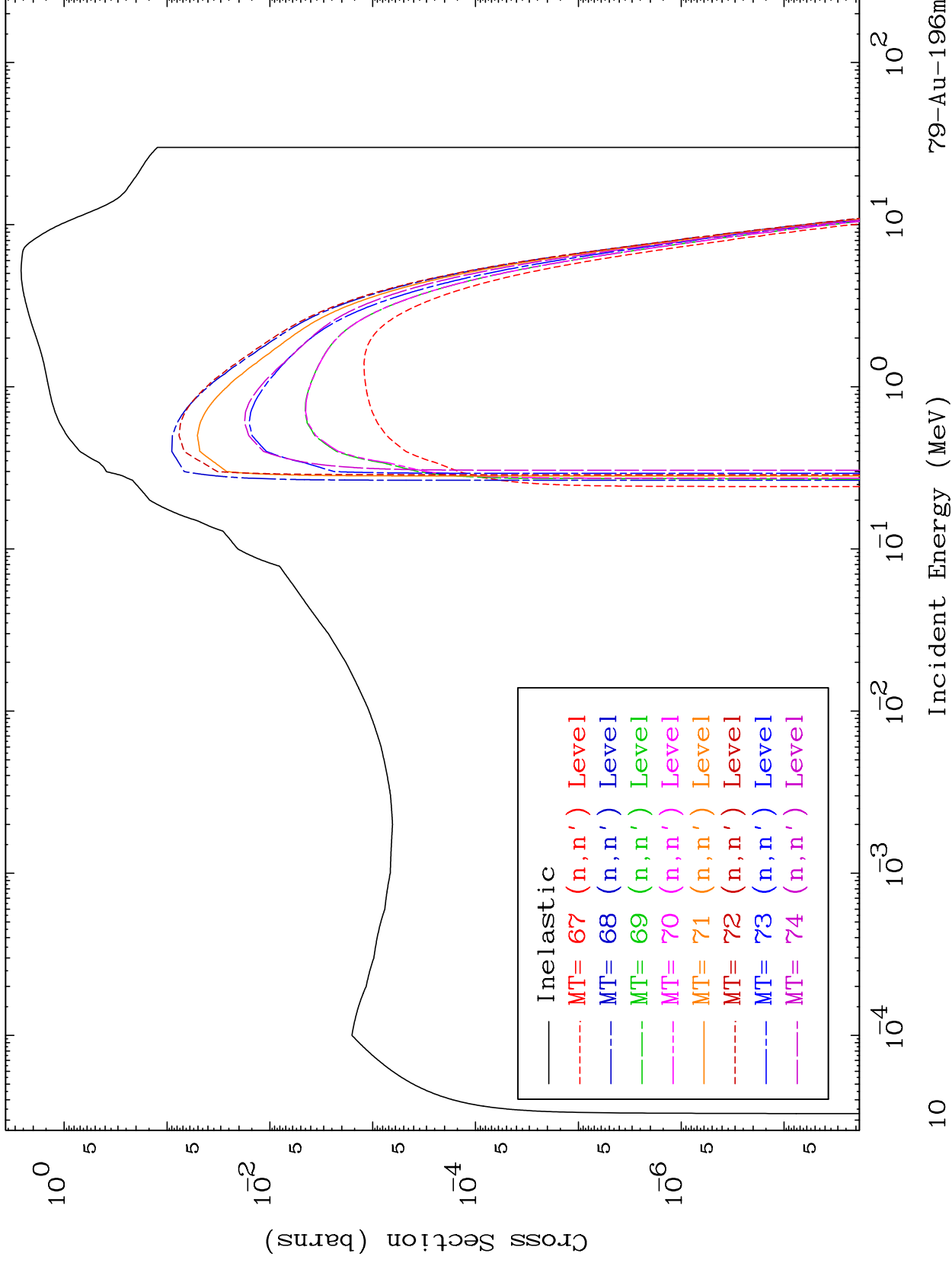
79-Au-196m



MAT 7923

293 (n,n') Levels

79-Au-196m



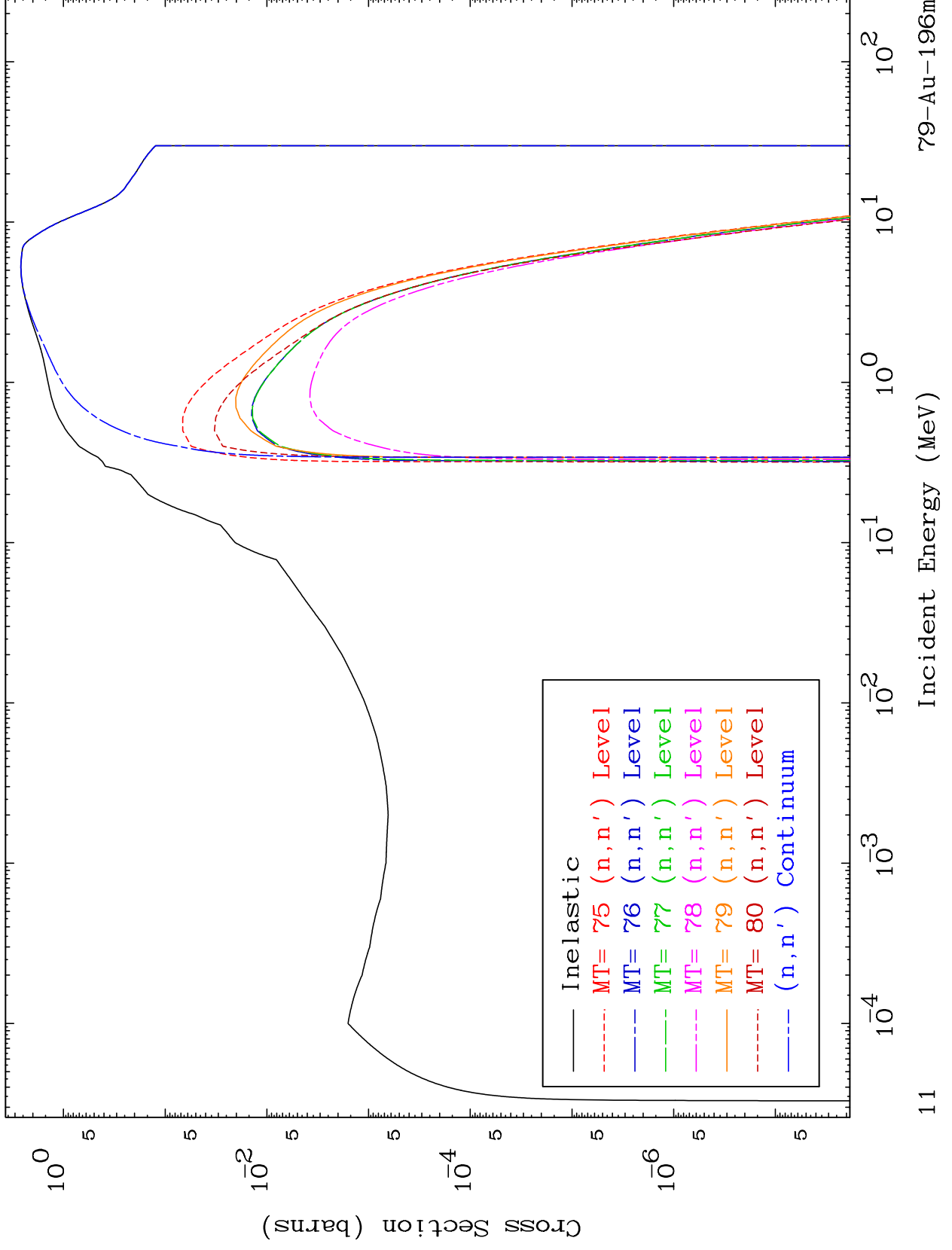
10

79-Au-196m

MAT 7923

(n,n') Levels
293 Kelvin Cross Sections

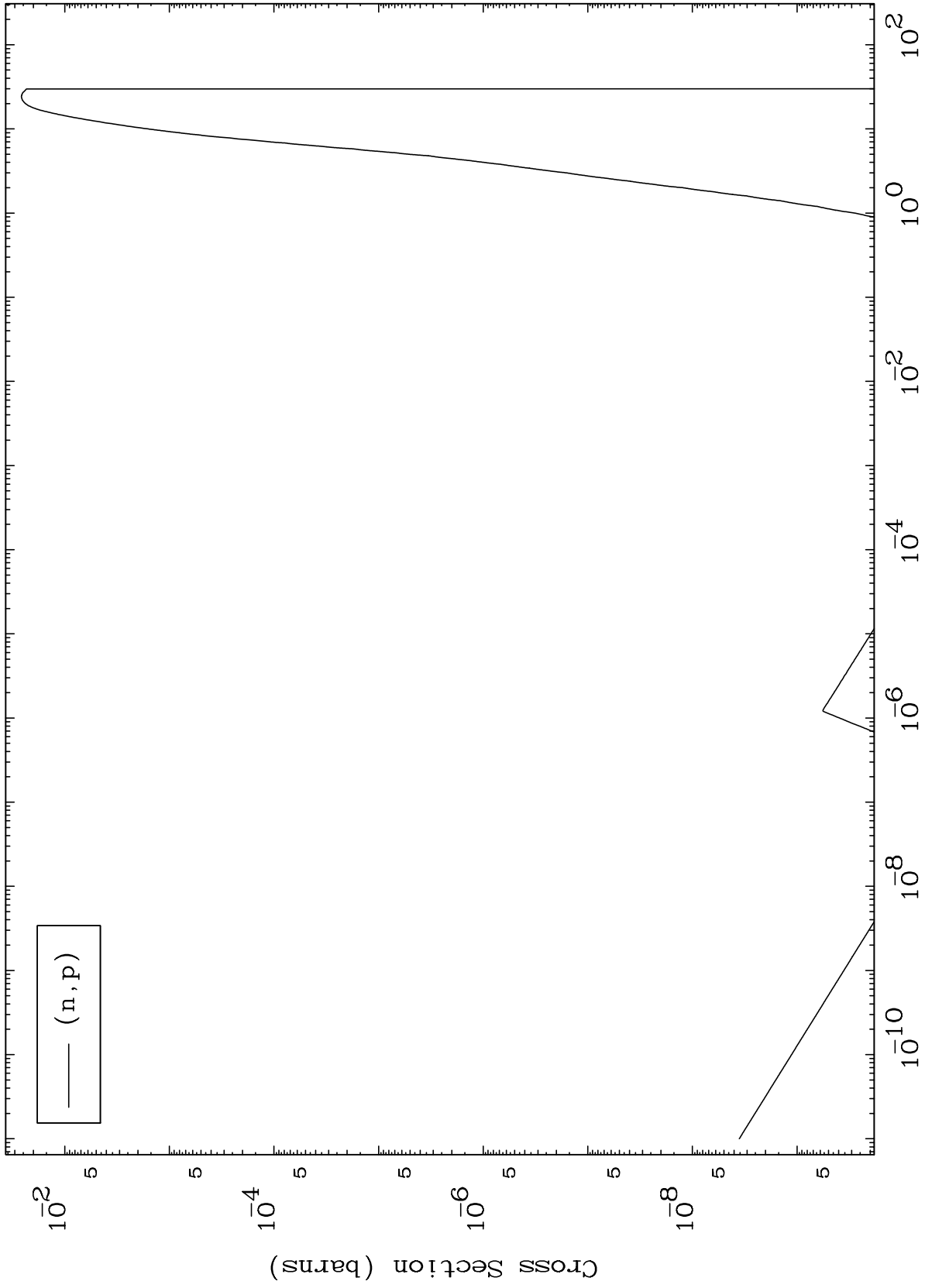
79-Au-196m



MAT 7923

(n,p) Levels
293 Kelvin Cross Sections

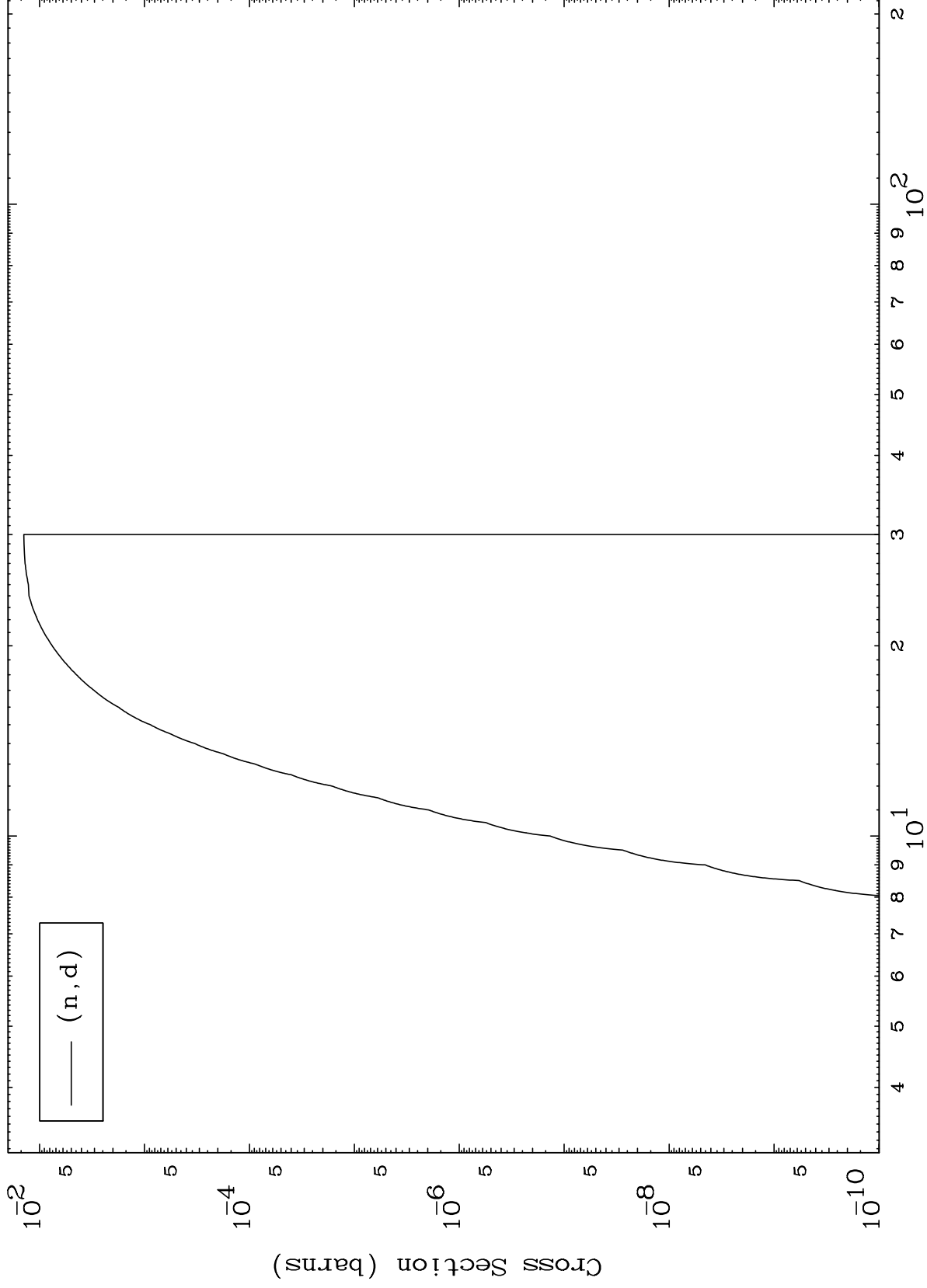
79-Au-196m



MAT 7923

(n,d) Levels
293 Kelvin Cross Sections

79-Au-196m



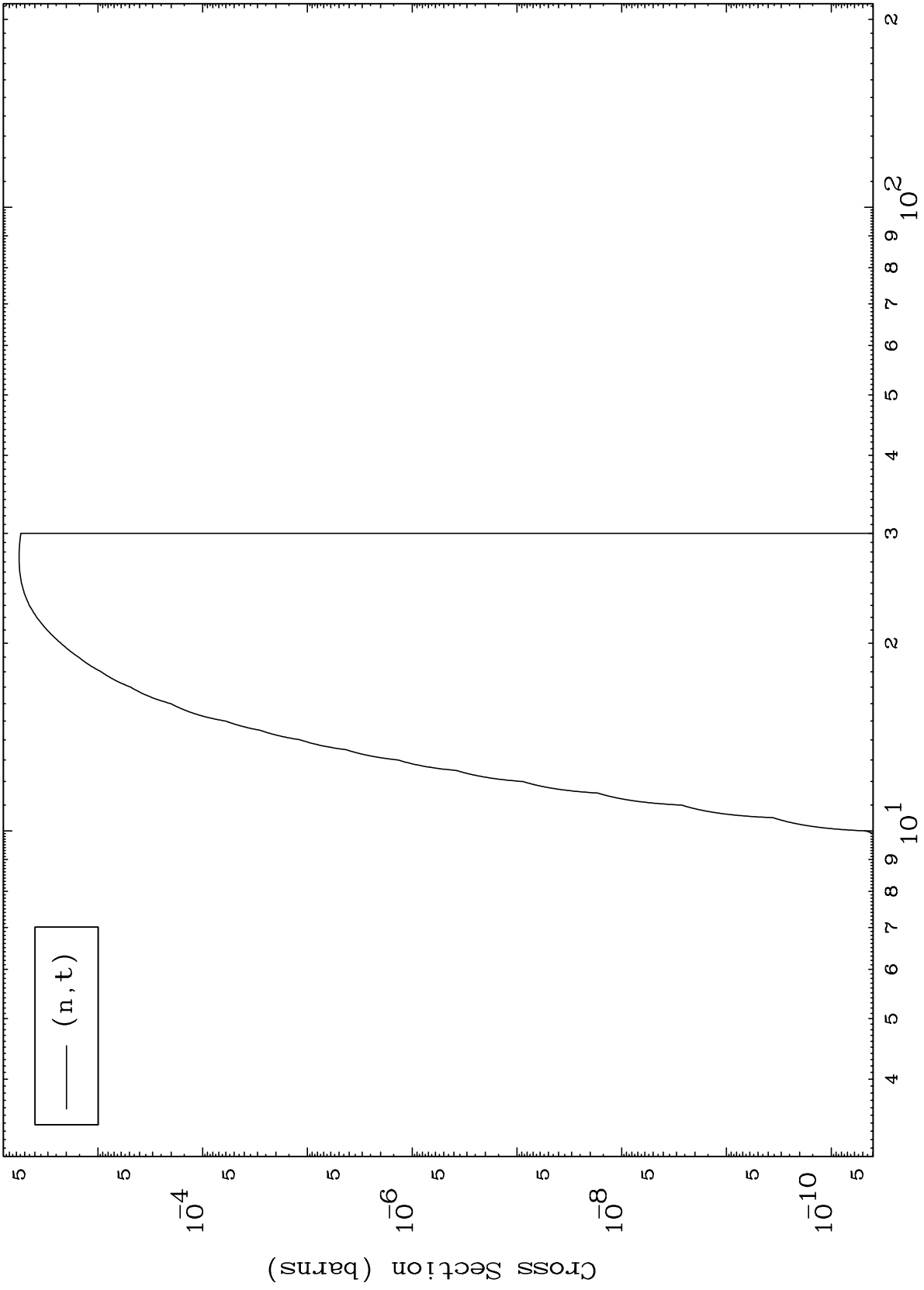
13

79-Au-196m

MAT 7923

(n,t) Levels
293 Kelvin Cross Sections

79-Au-196m



14

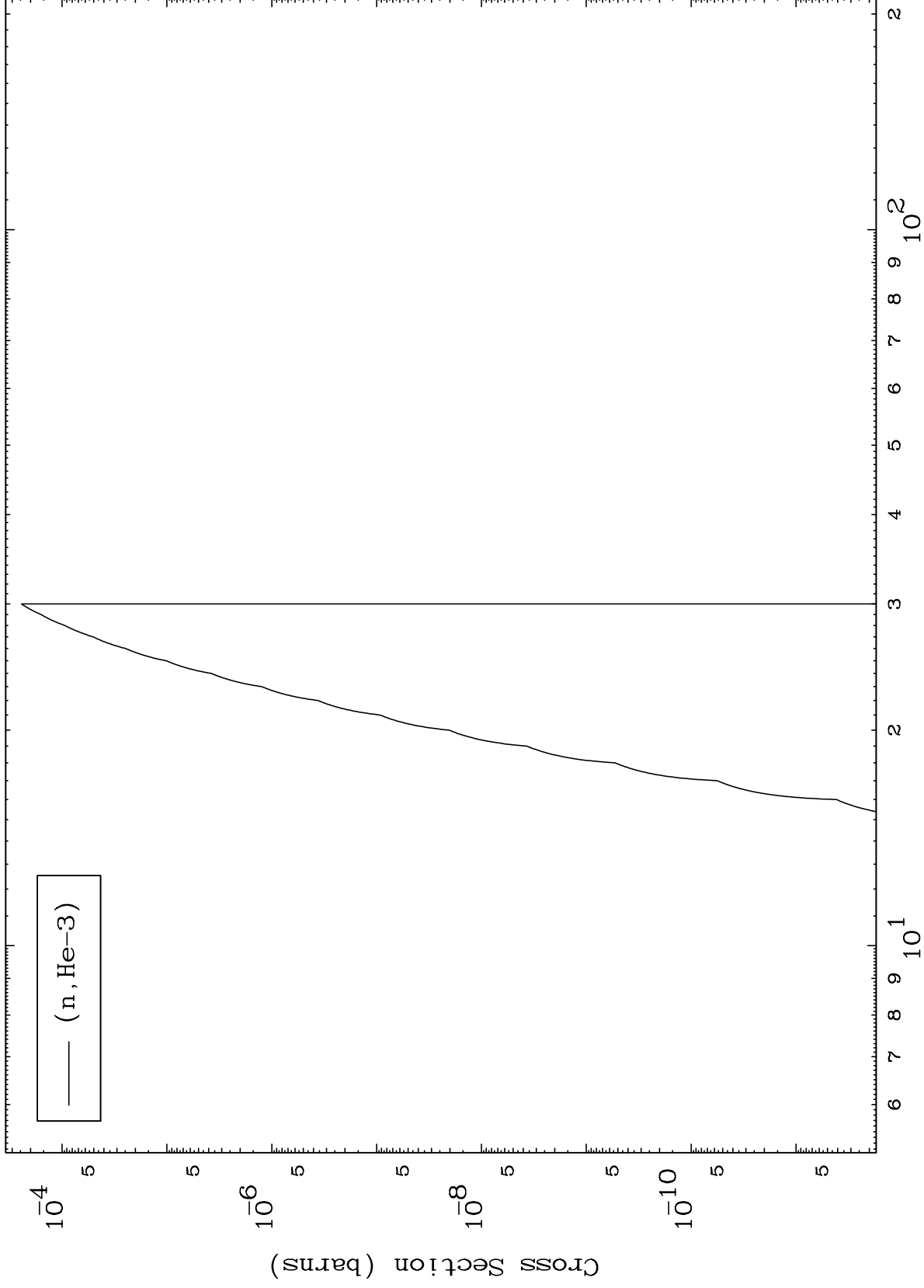
Incident Energy (MeV)

79-Au-196m

MAT 7923

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196m



15

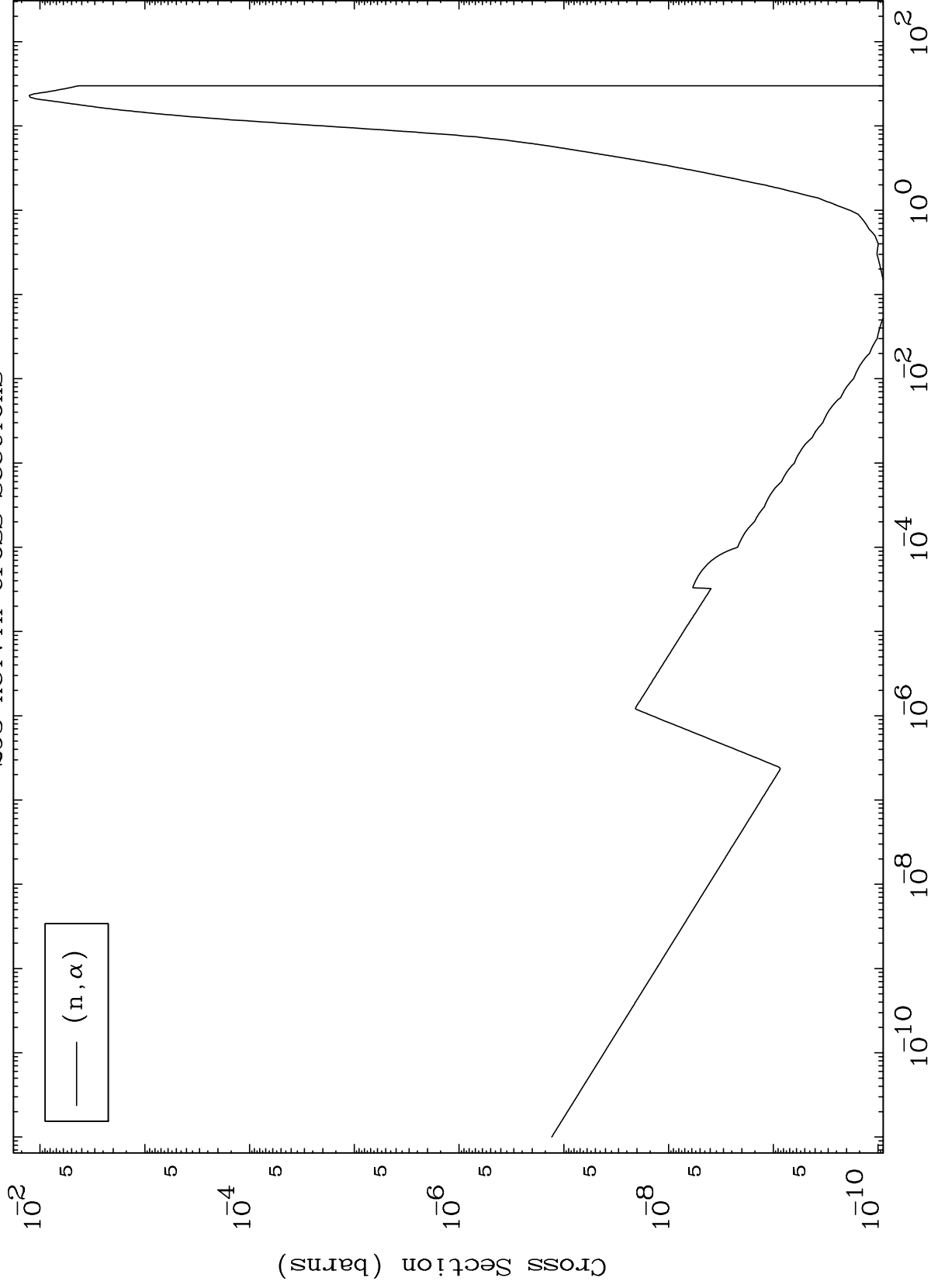
Incident Energy (MeV)

79-Au-196m

MAT 7923

(n, α) Levels
293 Kelvin Cross Sections

⁷⁹Au-196m



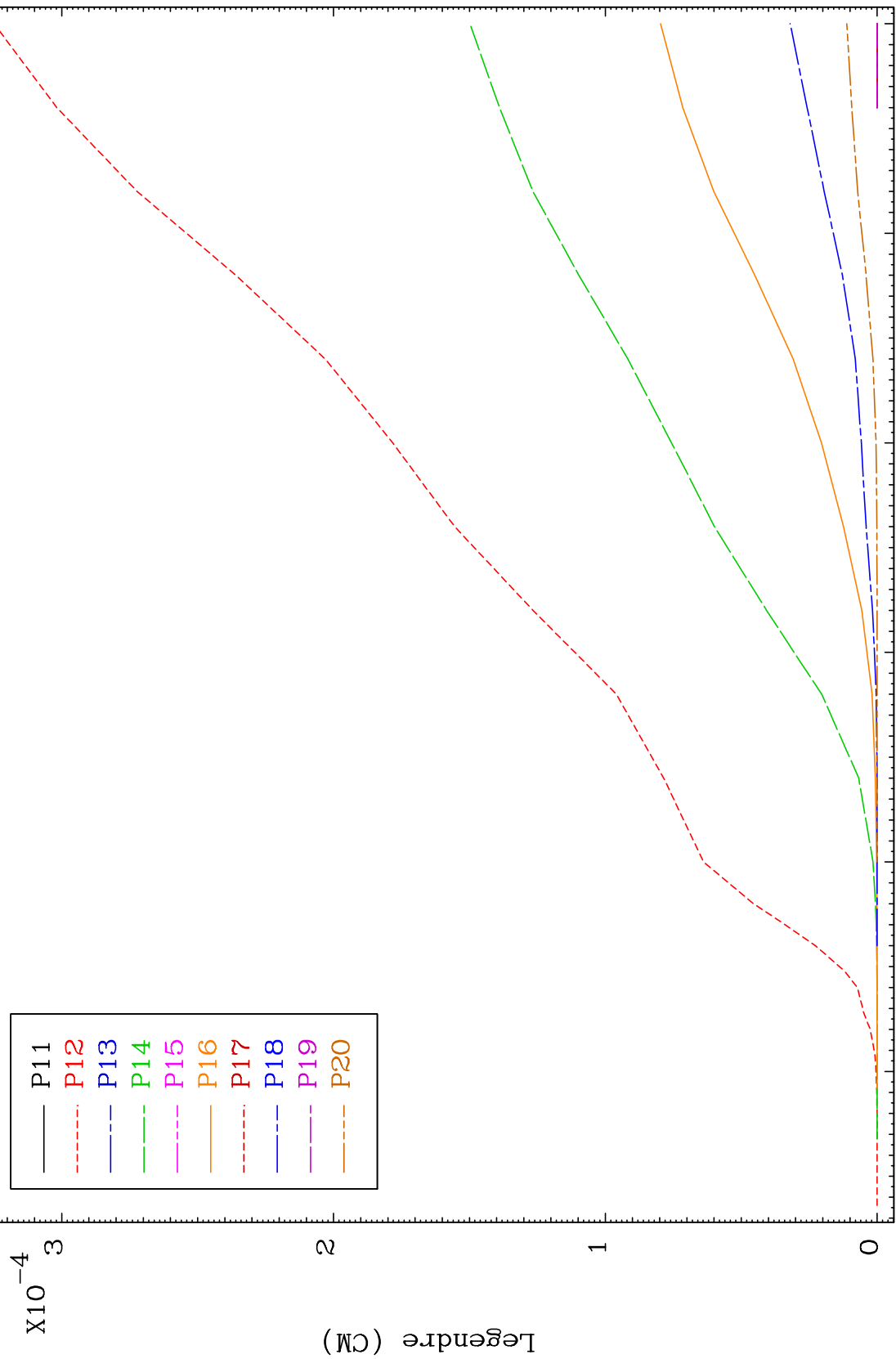
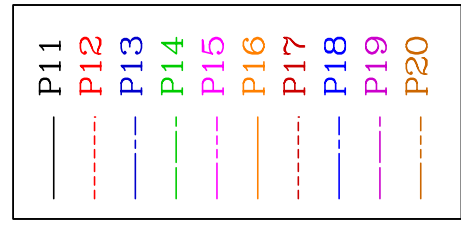
⁷⁹Au-196m

Incident Energy (MeV)

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Elastic Legendre Coefficients

79-Au-196m



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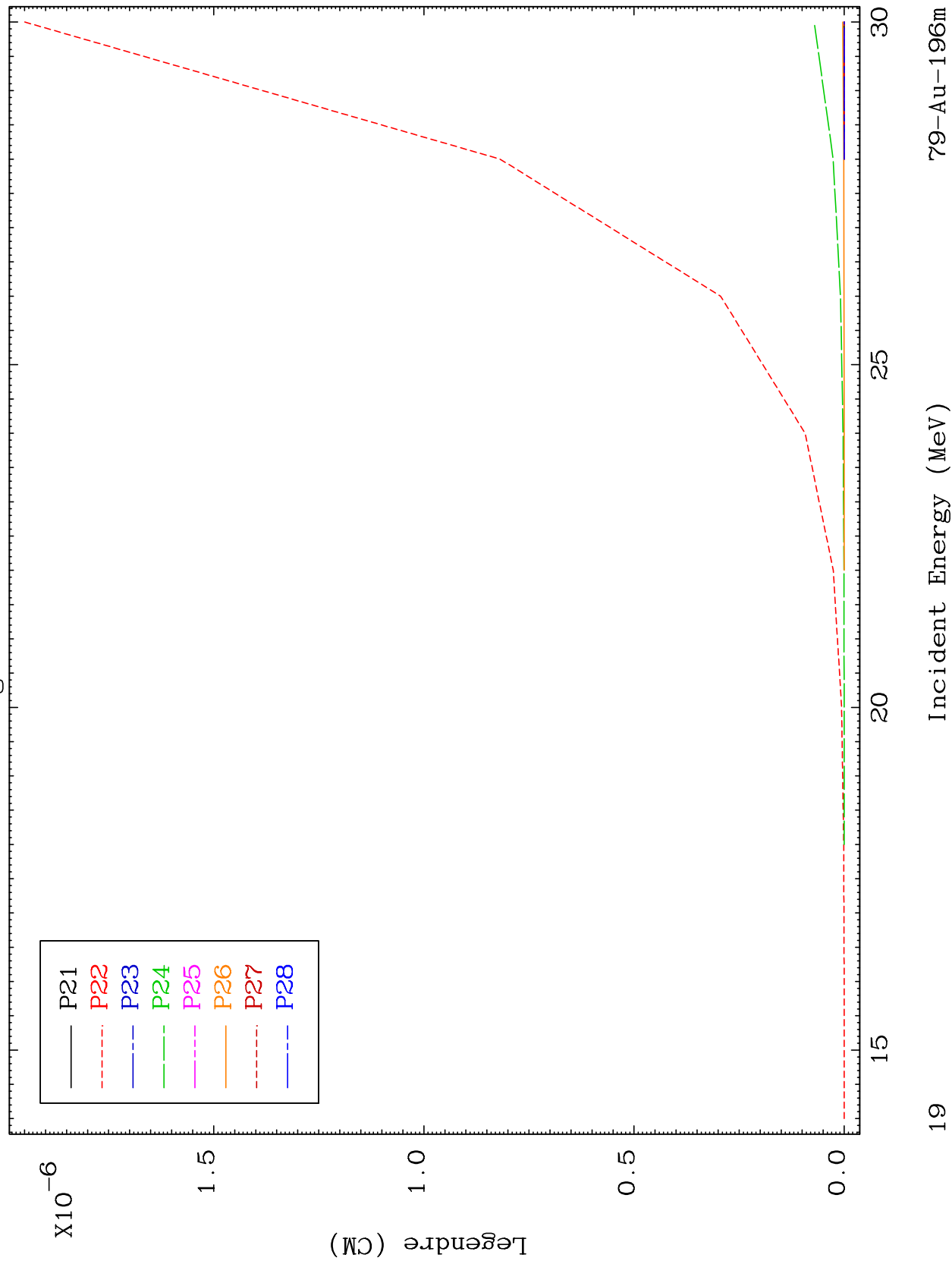
Incident Energy (MeV)

79-Au-196m

MAT 7923

Elastic Legendre Coefficients

79-Au-196m



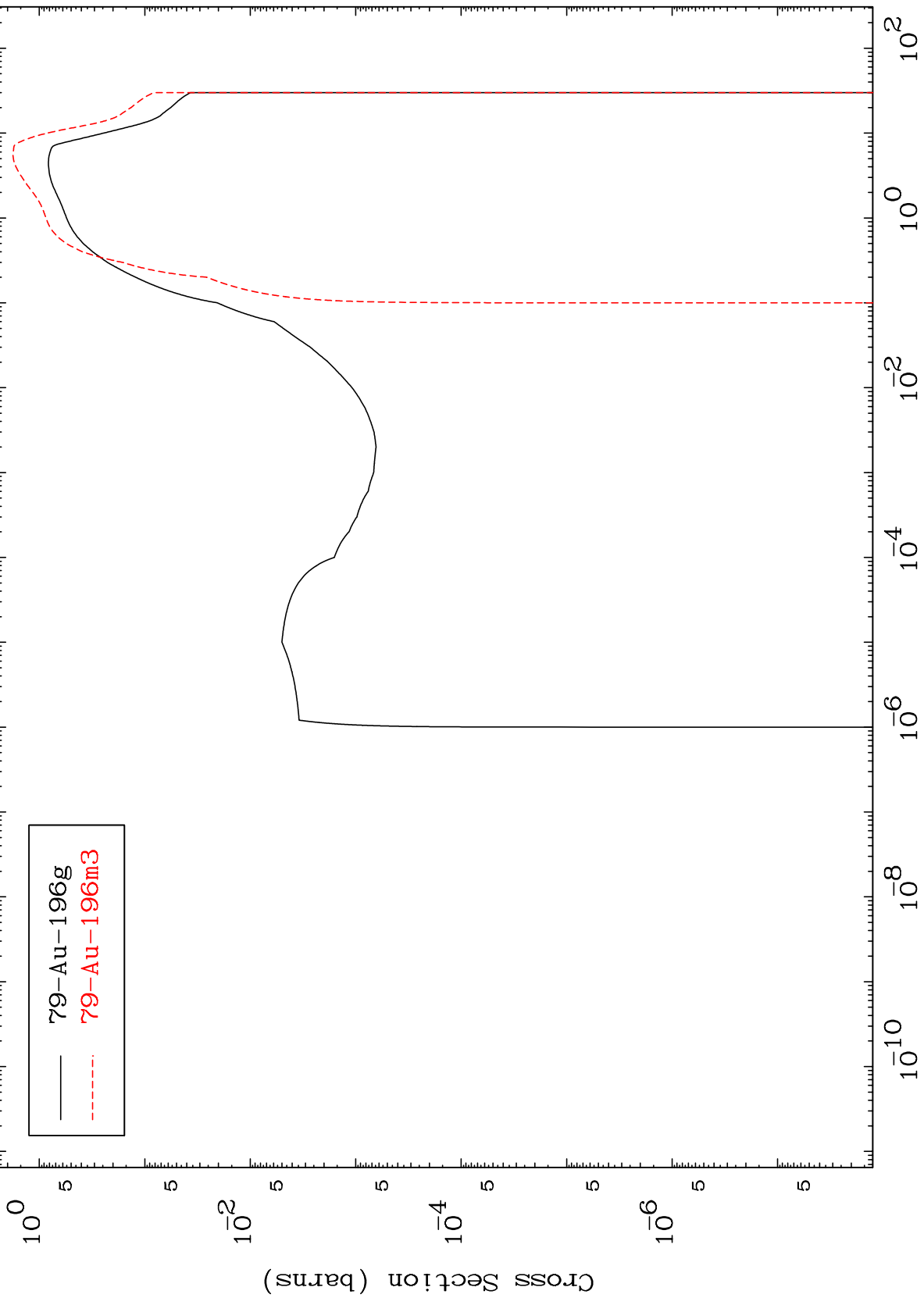
19

79-Au-196m

MAT 7923

⁷⁹Au-196m

Inelastic
Radionuclide Production Cross Section

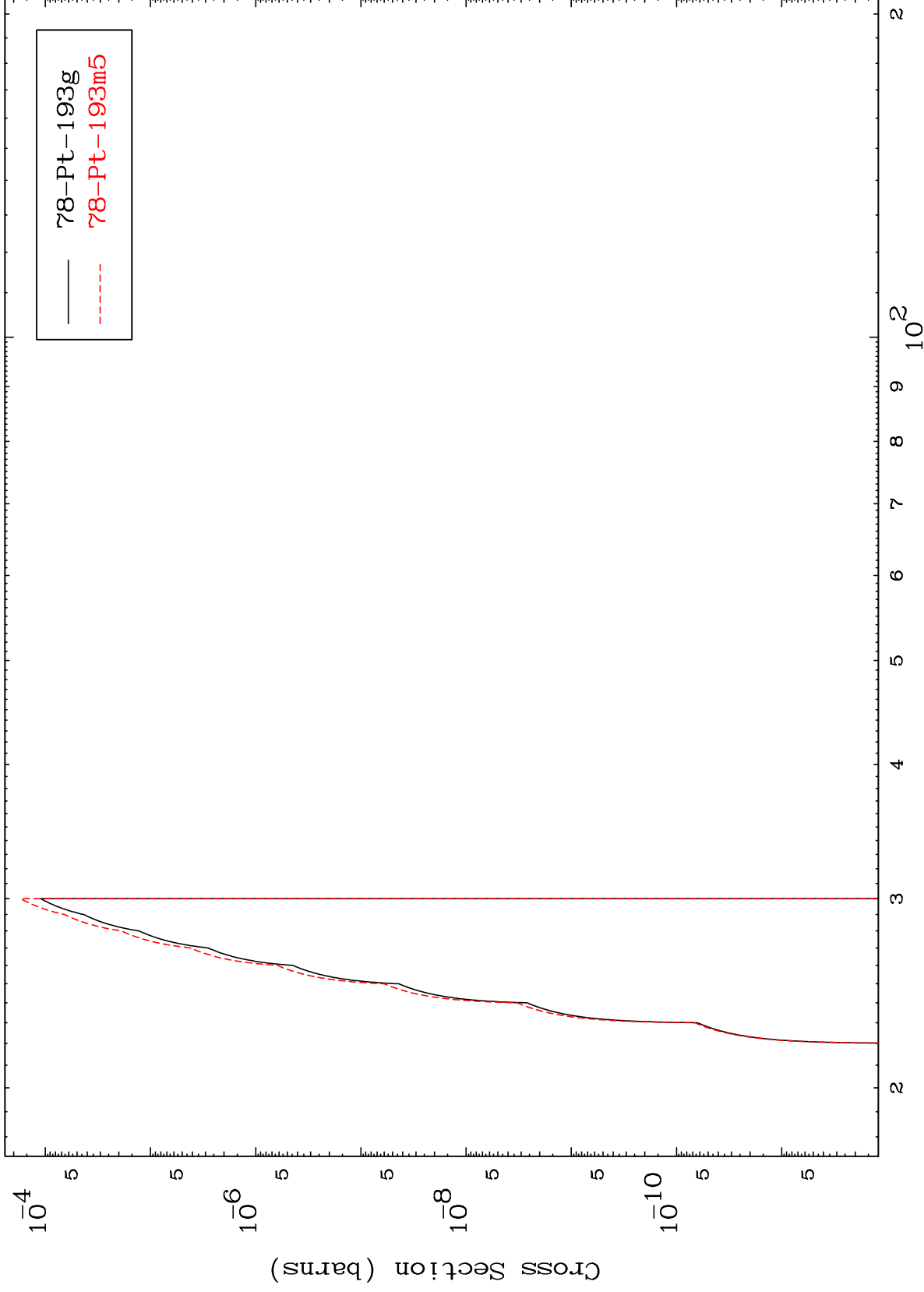


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(n,2n) d

79-Au-196m

Radionuclide Production Cross Section



21

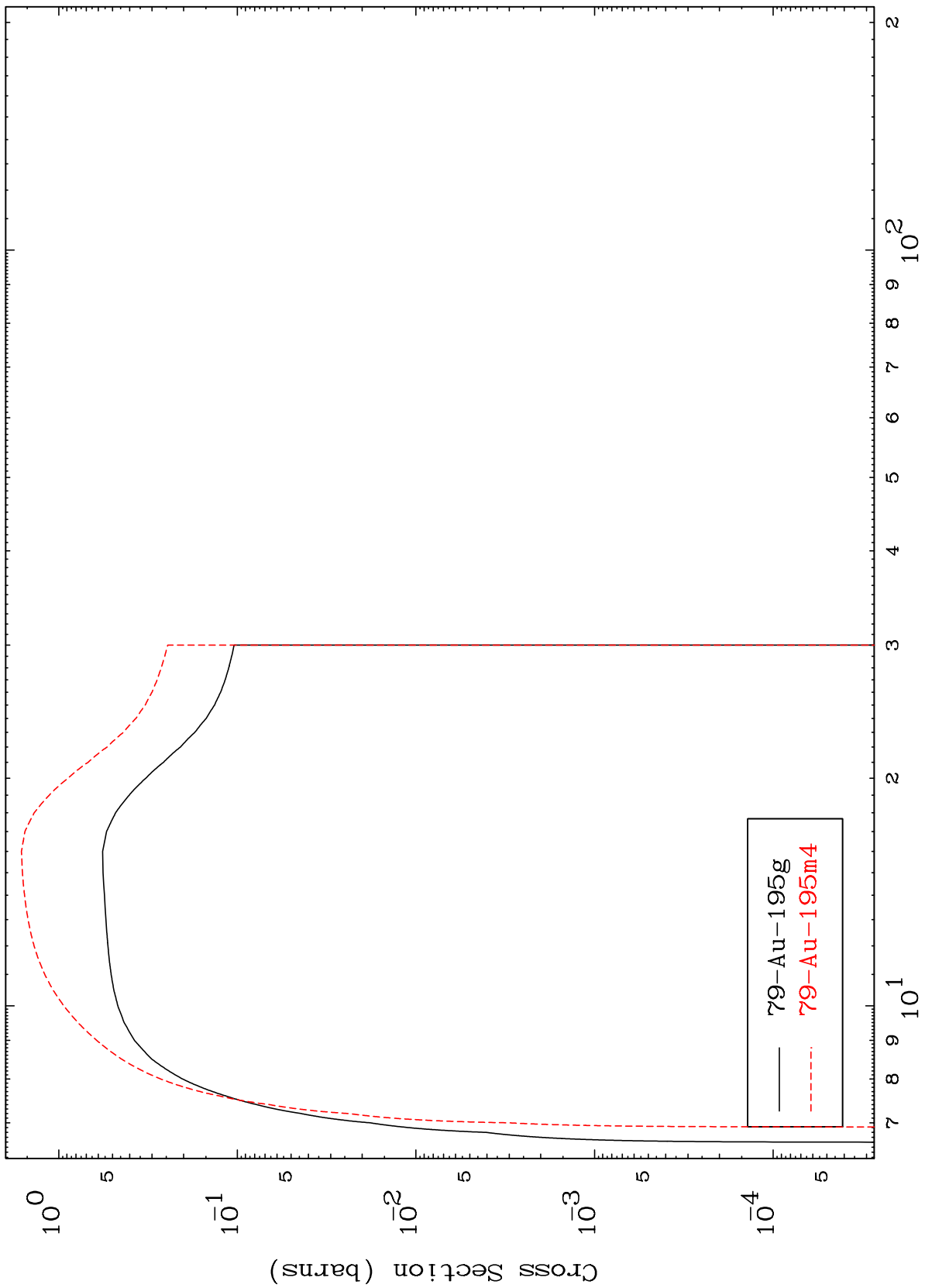
Incident Energy (MeV)

79-Au-196m

MAT 7923

⁷⁹Au-196m

Radionuclide Production Cross Section



⁷⁹Au-196m

Incident Energy (MeV)

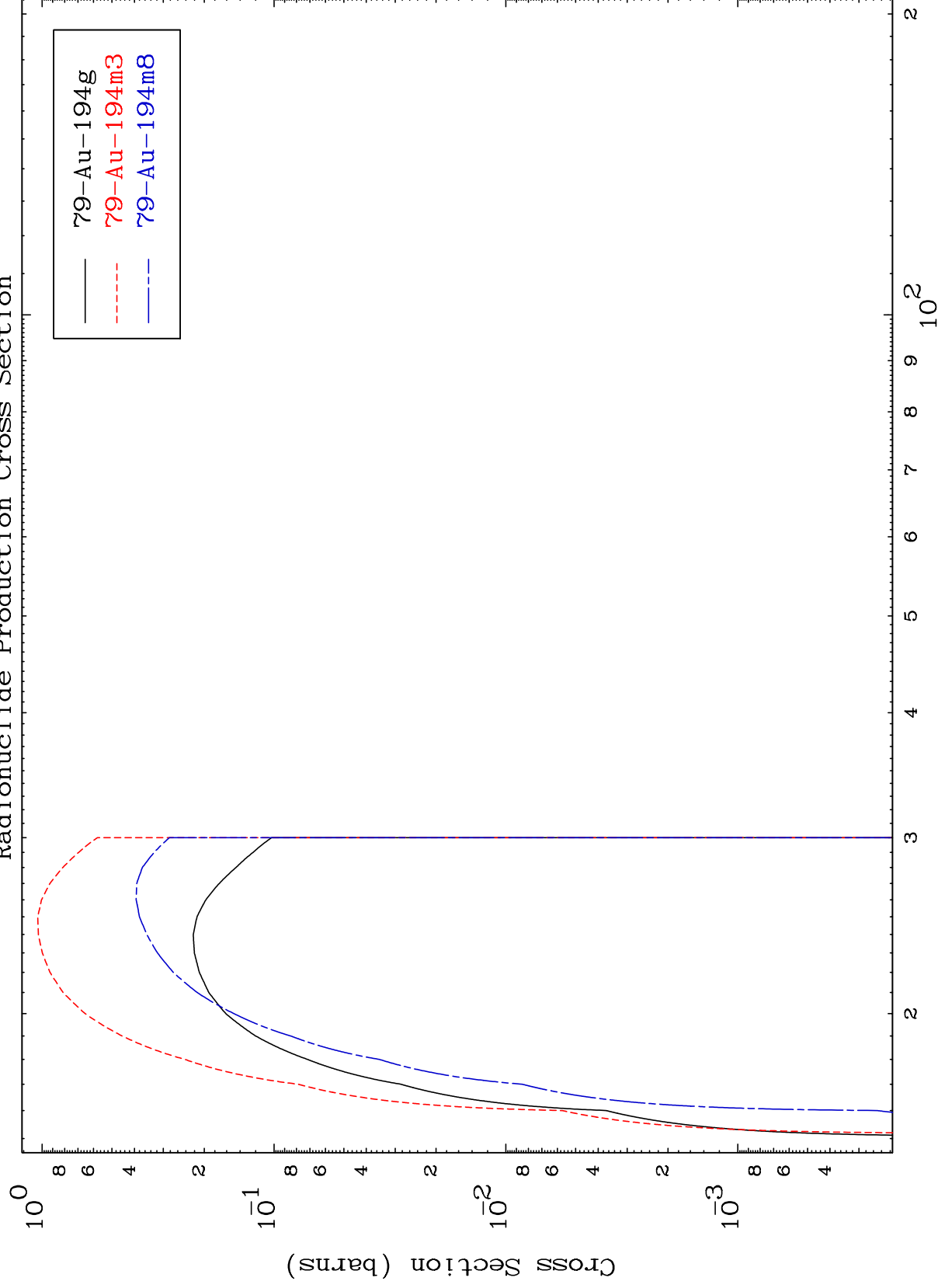
22

MAT 7923

(n,3n)

⁷⁹Au-196m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

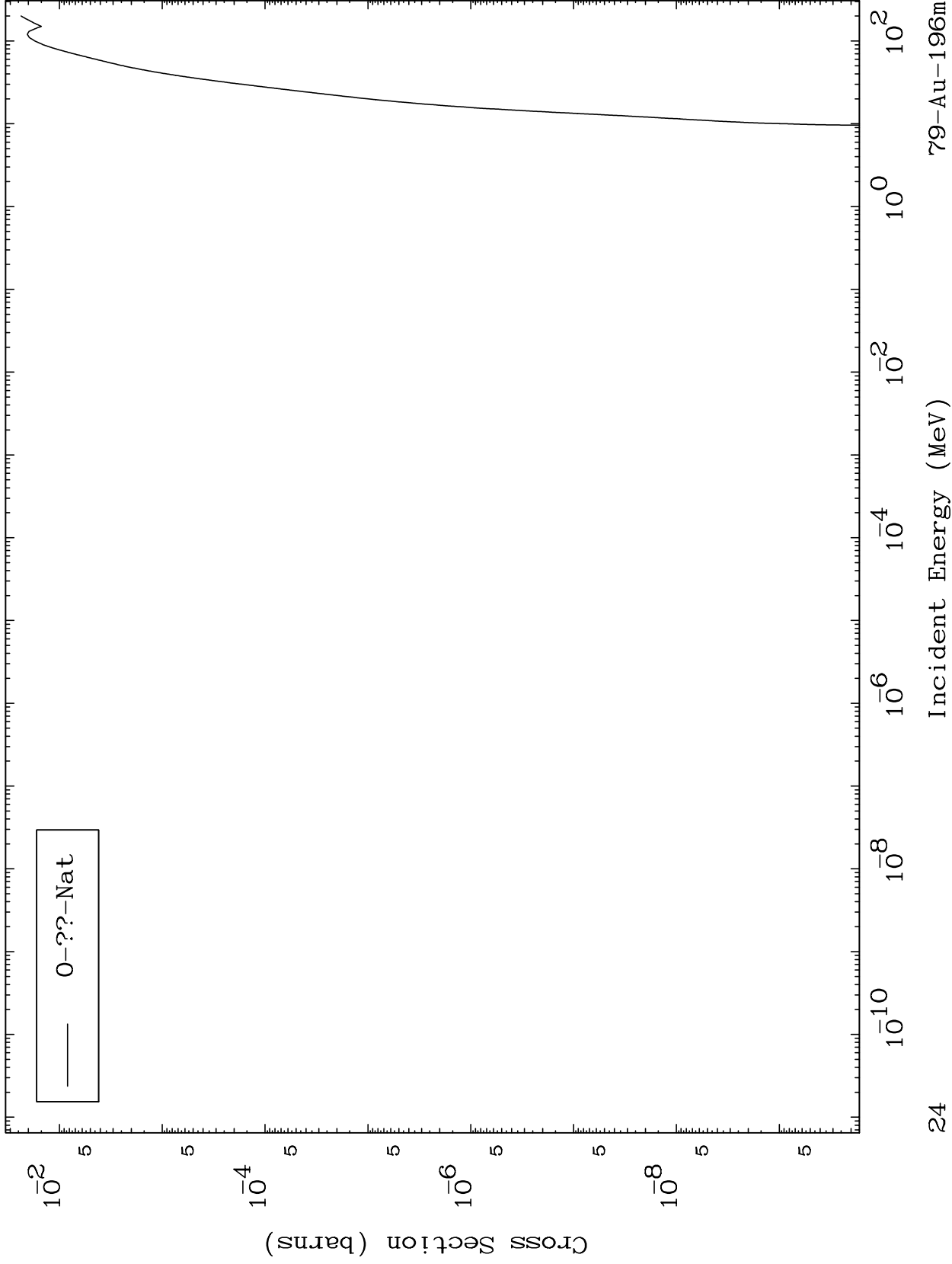
⁷⁹Au-196m

MAT 7923

Fission

⁷⁹Au-196m

Radionuclide Production Cross Section

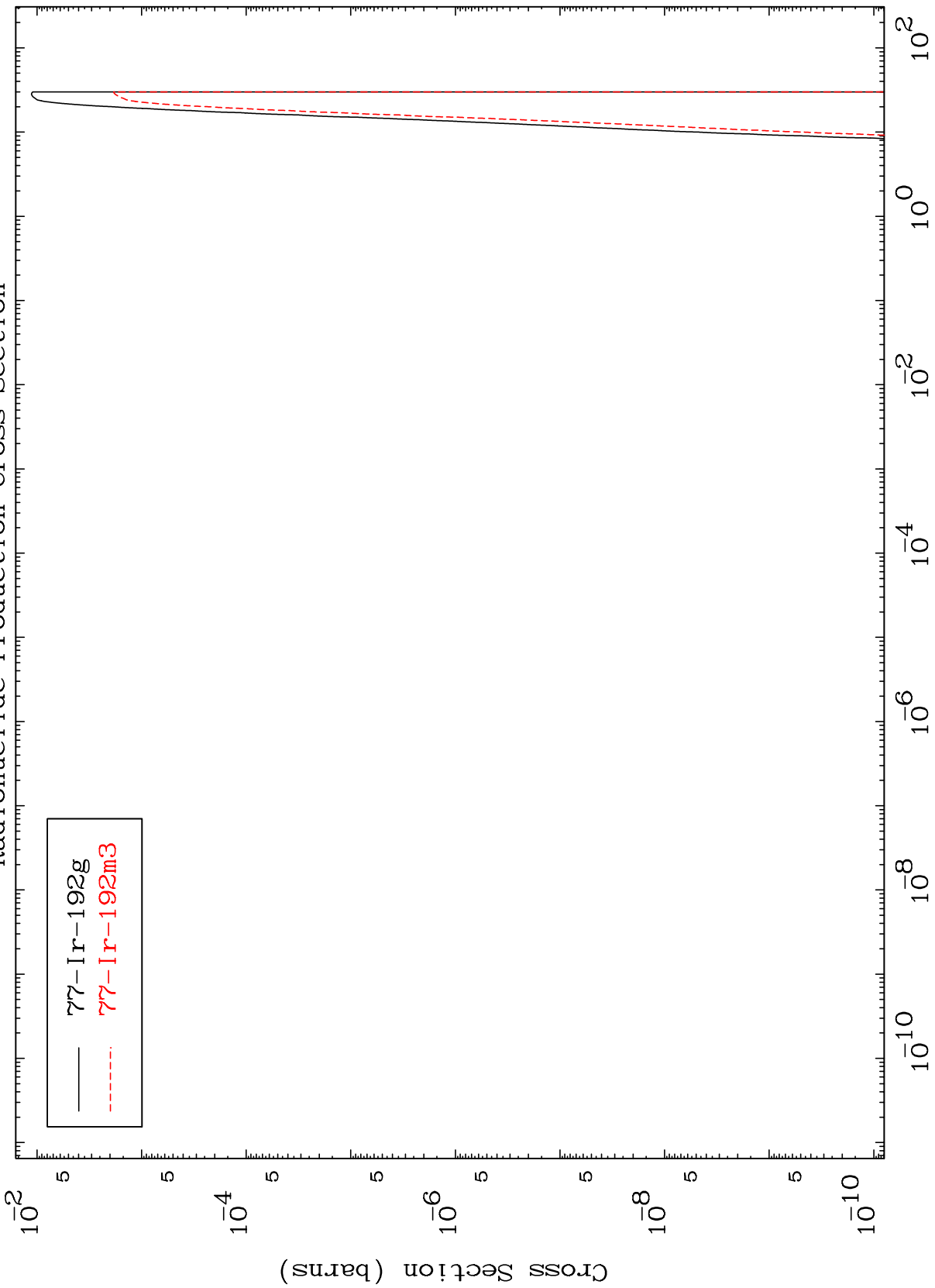


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$(n, n') \alpha$

⁷⁹Au-196m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

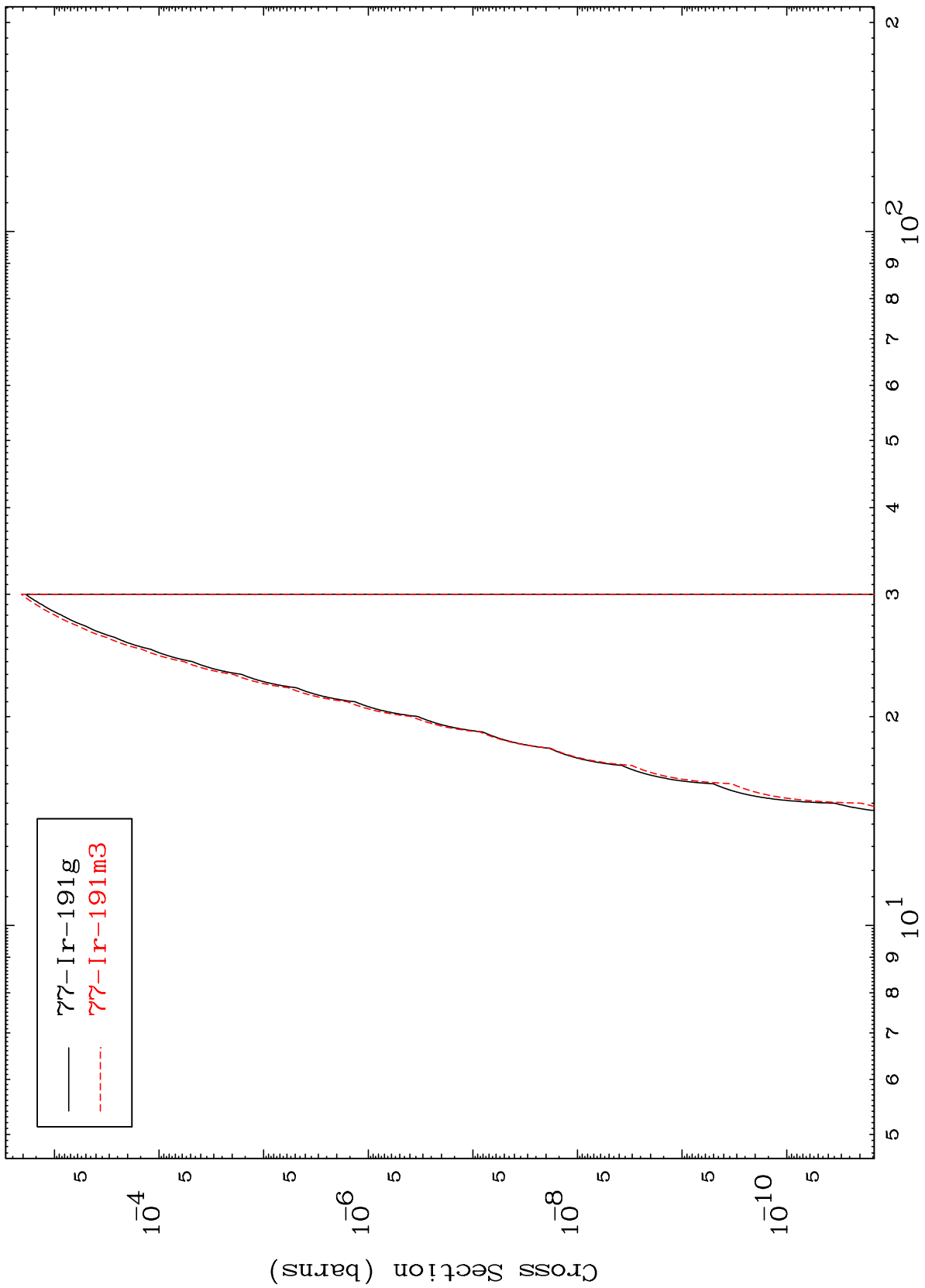
⁷⁹Au-196m

MAT 7923

79-Au-196m

(n,2n) α

Radionuclide Production Cross Section



26

Incident Energy (MeV)

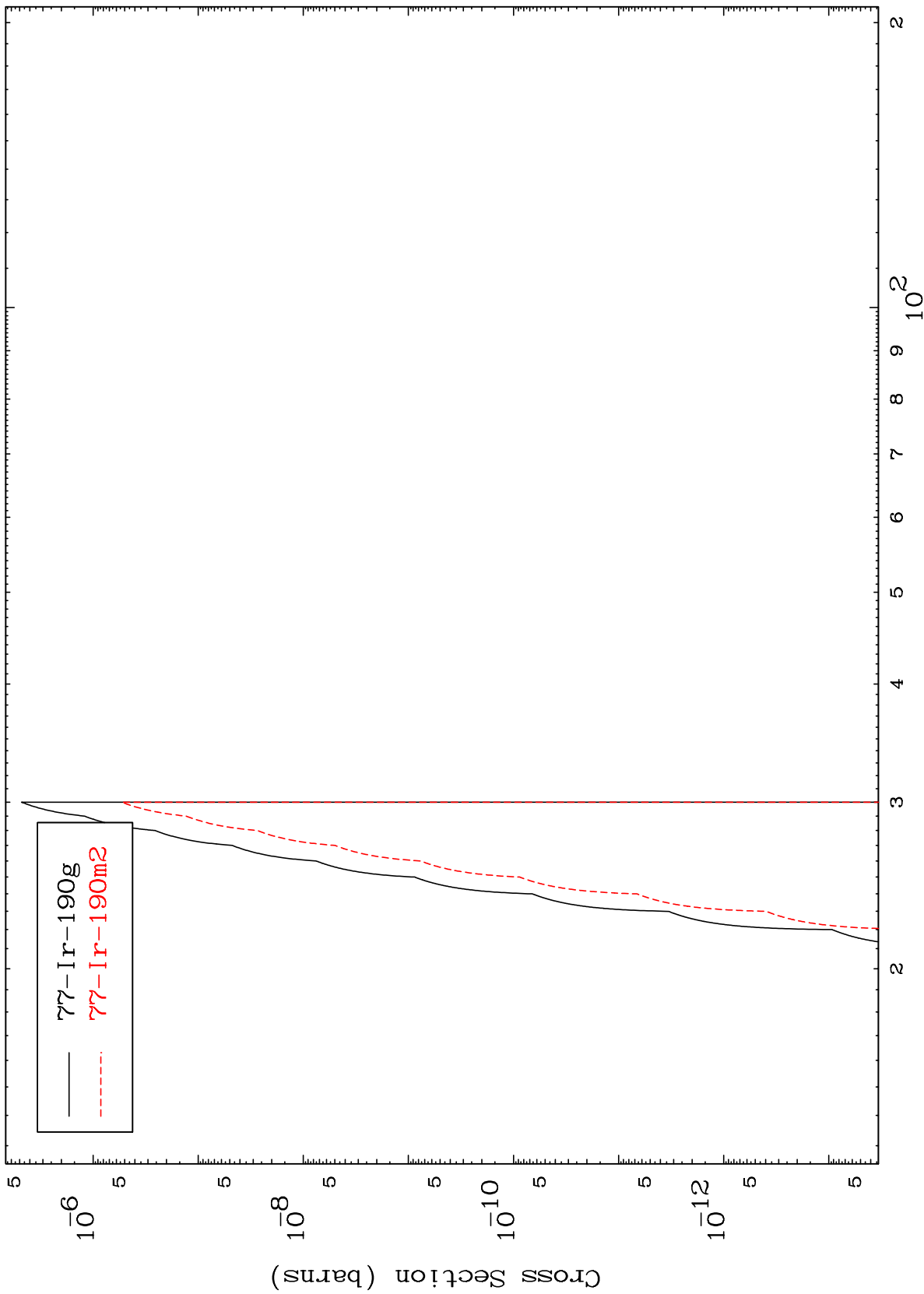
79-Au-196m

MAT 7923

(n,3n) α

⁷⁹Au-196m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

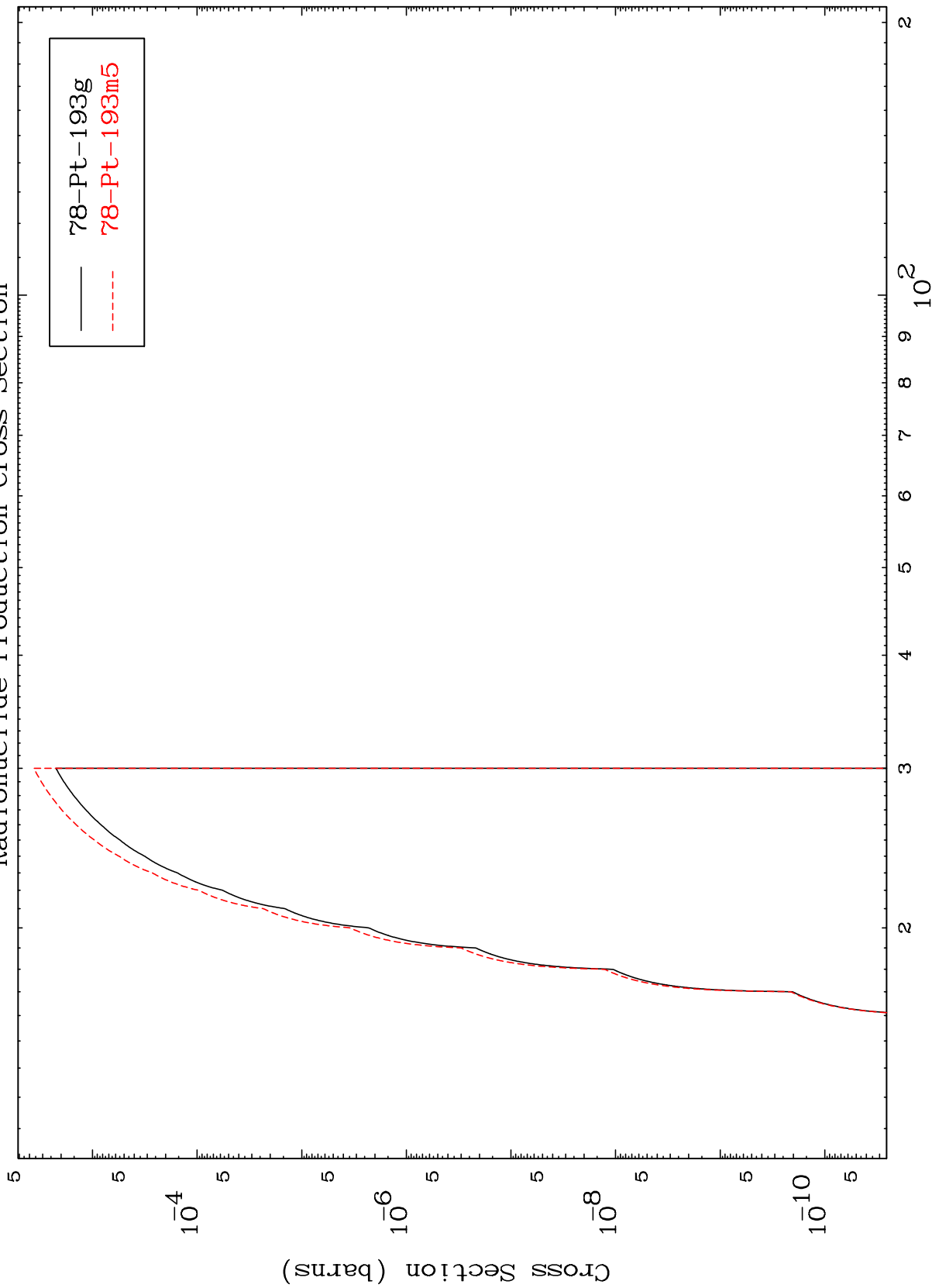
⁷⁹Au-196m

MAT 7923

(n,n') t

79-Au-196m

Radionuclide Production Cross Section

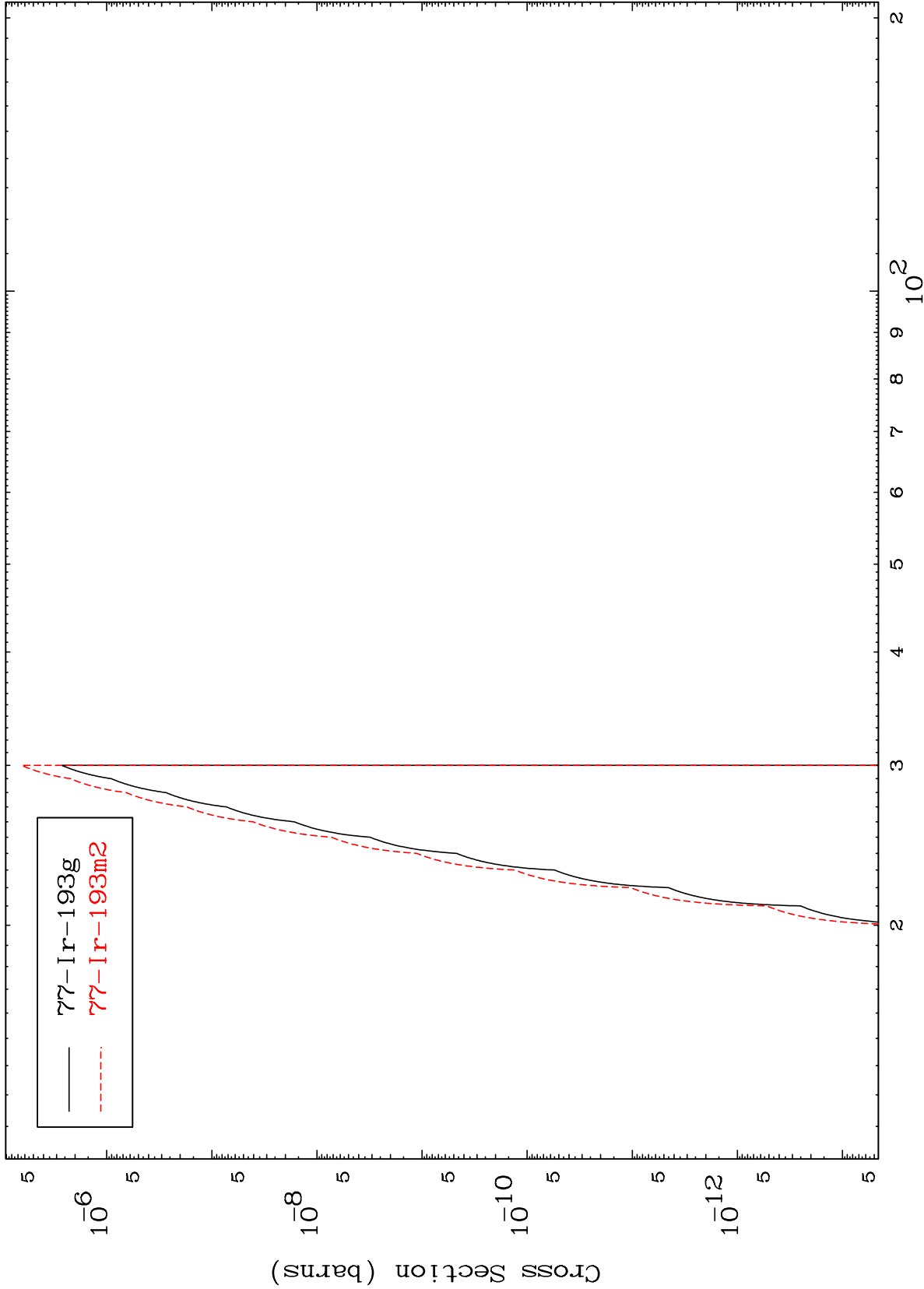


28

Incident Energy (MeV)

79-Au-196m

Radionuclide Production Cross Section

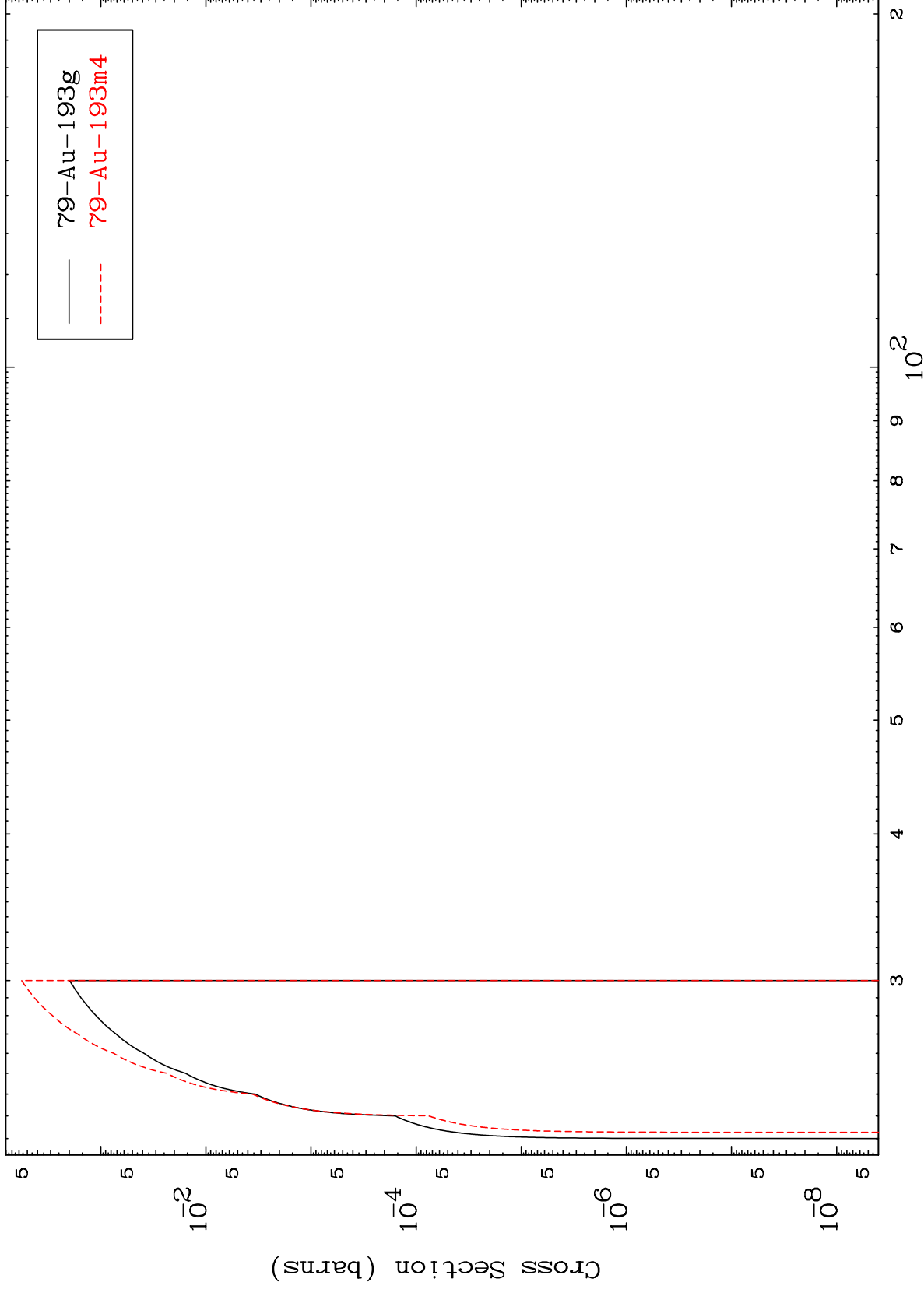


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(n,4n)

⁷⁹Au-196m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

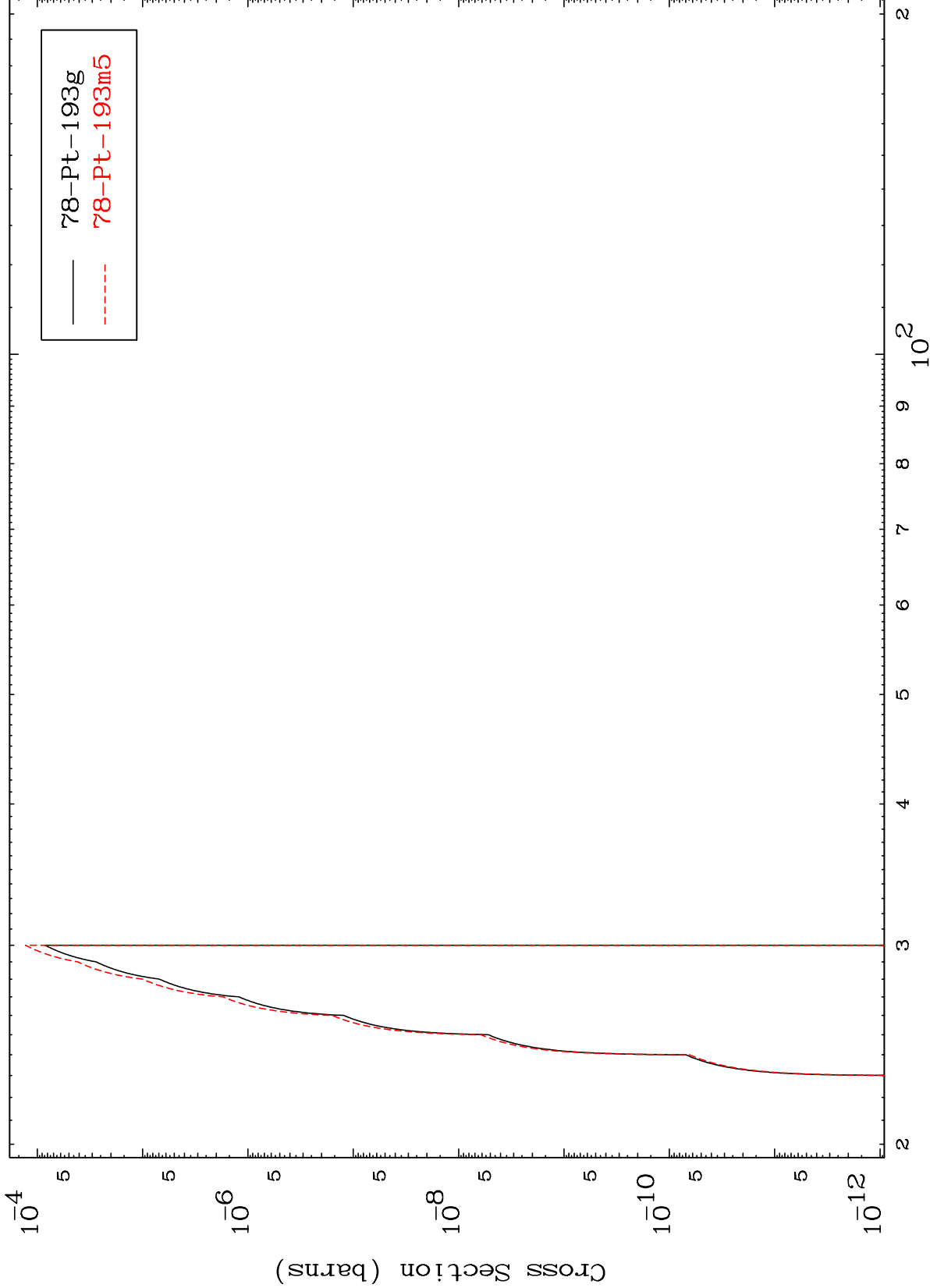
⁷⁹Au-196m

MAT 7923

(n,3n) p

79-Au-196m

Radionuclide Production Cross Section



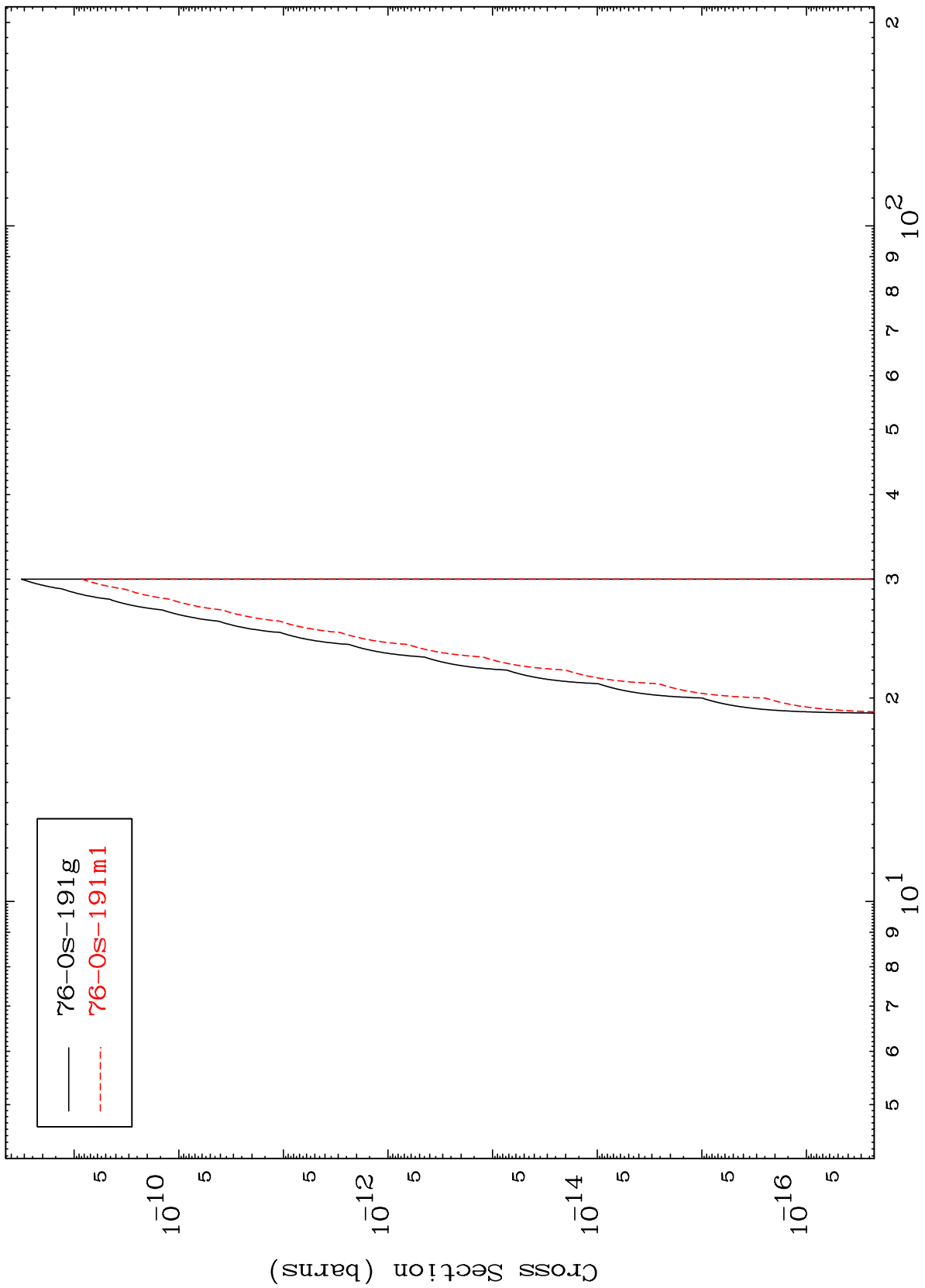
78-Pt-193g
78-Pt-193m5

MAT 7923

(n,n') p α

79-Au-196m

Radionuclide Production Cross Section



76-Os-191g
76-Os-191m1

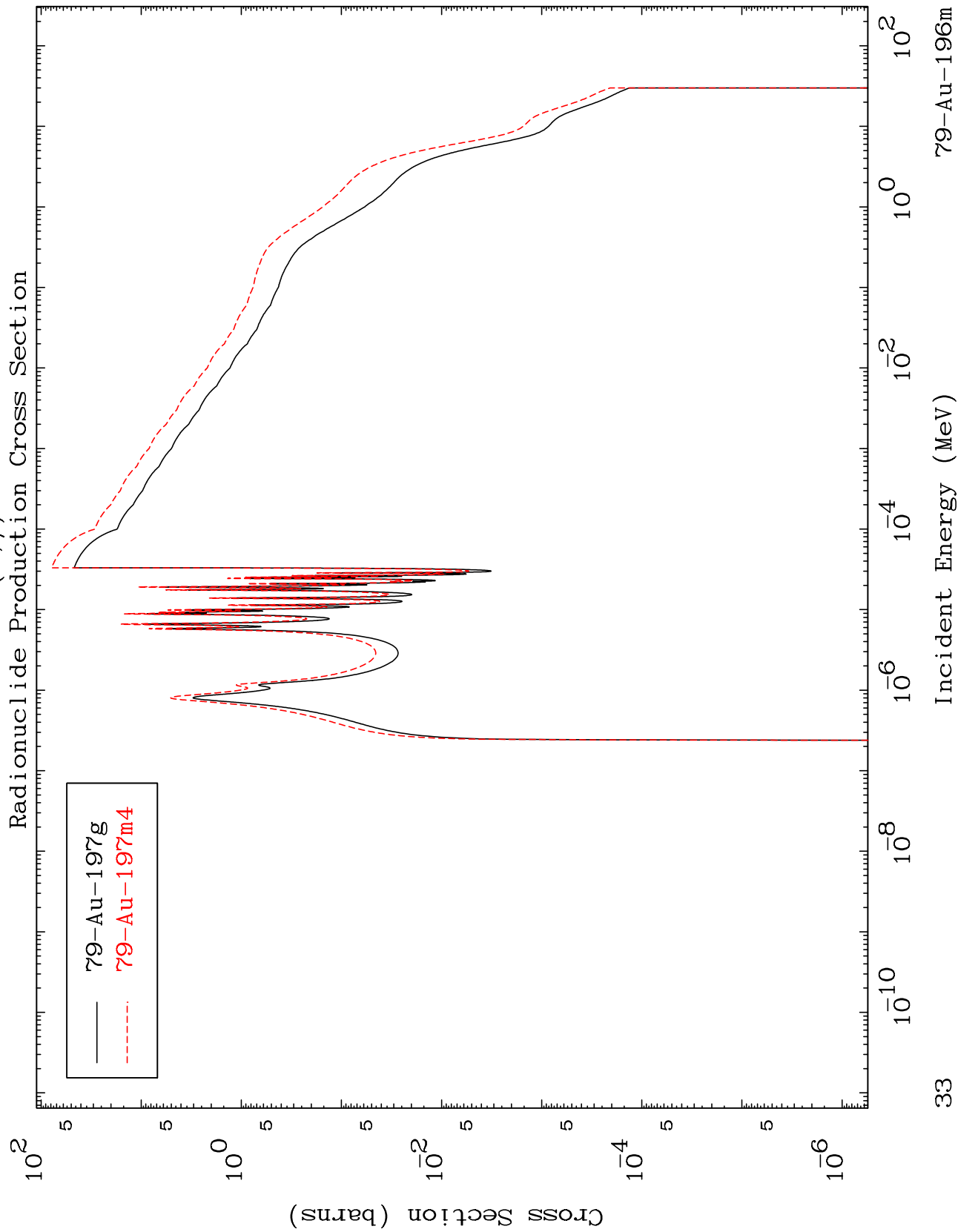
32

Incident Energy (MeV)

79-Au-196m

MAT 7923

⁷⁹Au-196m



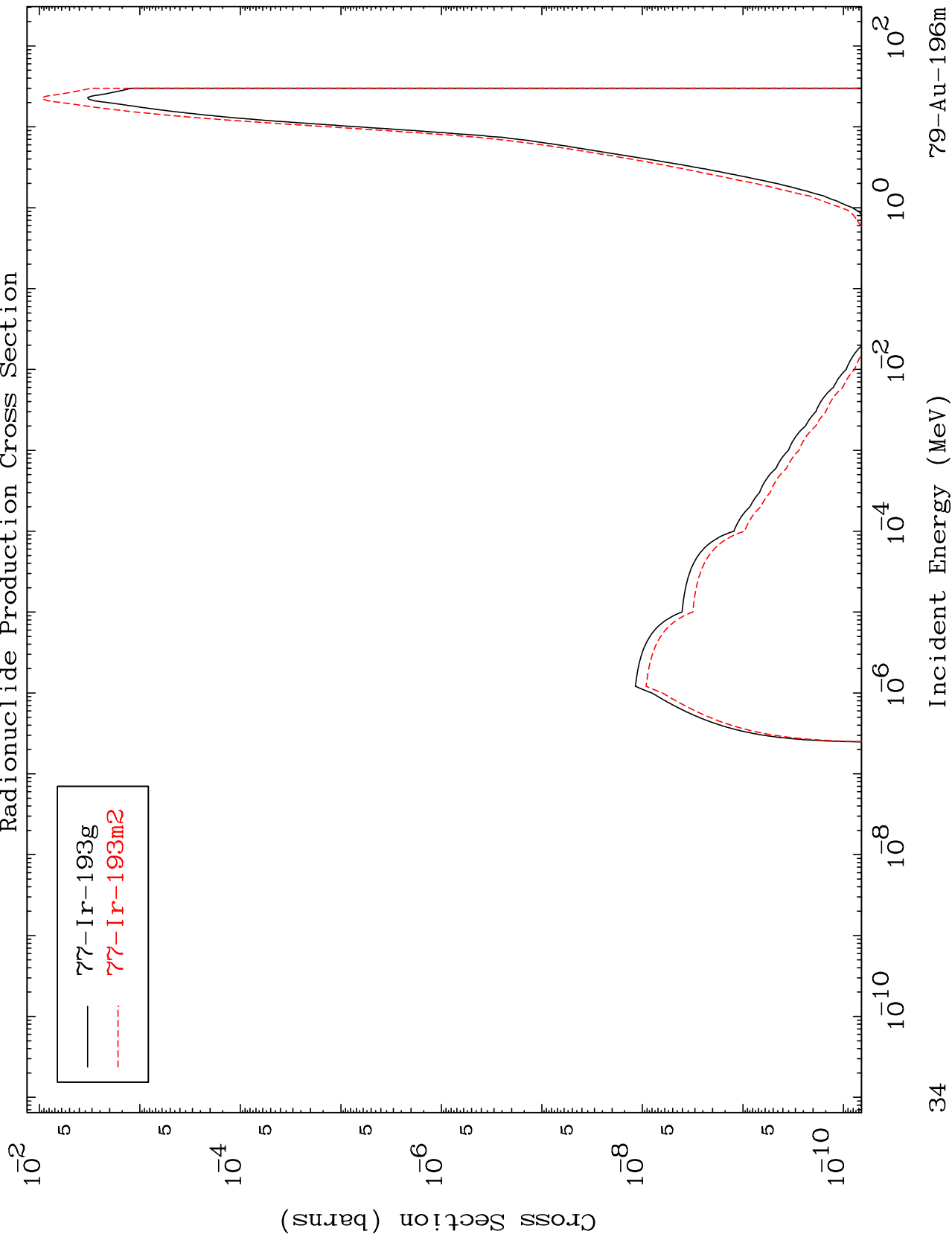
MAT 7923

⁷⁹Au-196m

Radionuclide Production Cross Section

(n, α)

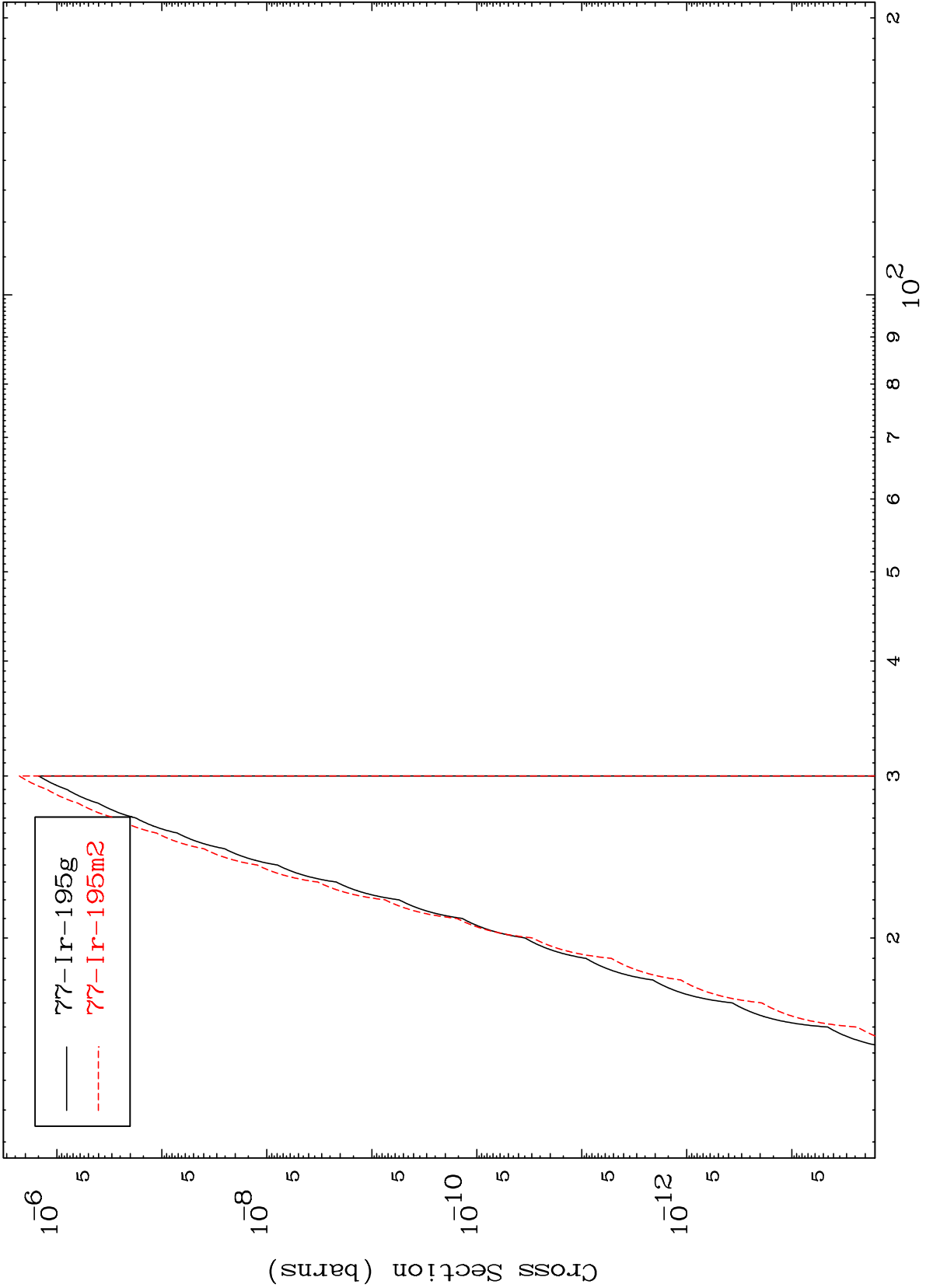
⁷⁹Au-196m



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79-Au-196m

Radionuclide Production Cross Section
(n,2p)



35

Incident Energy (MeV)

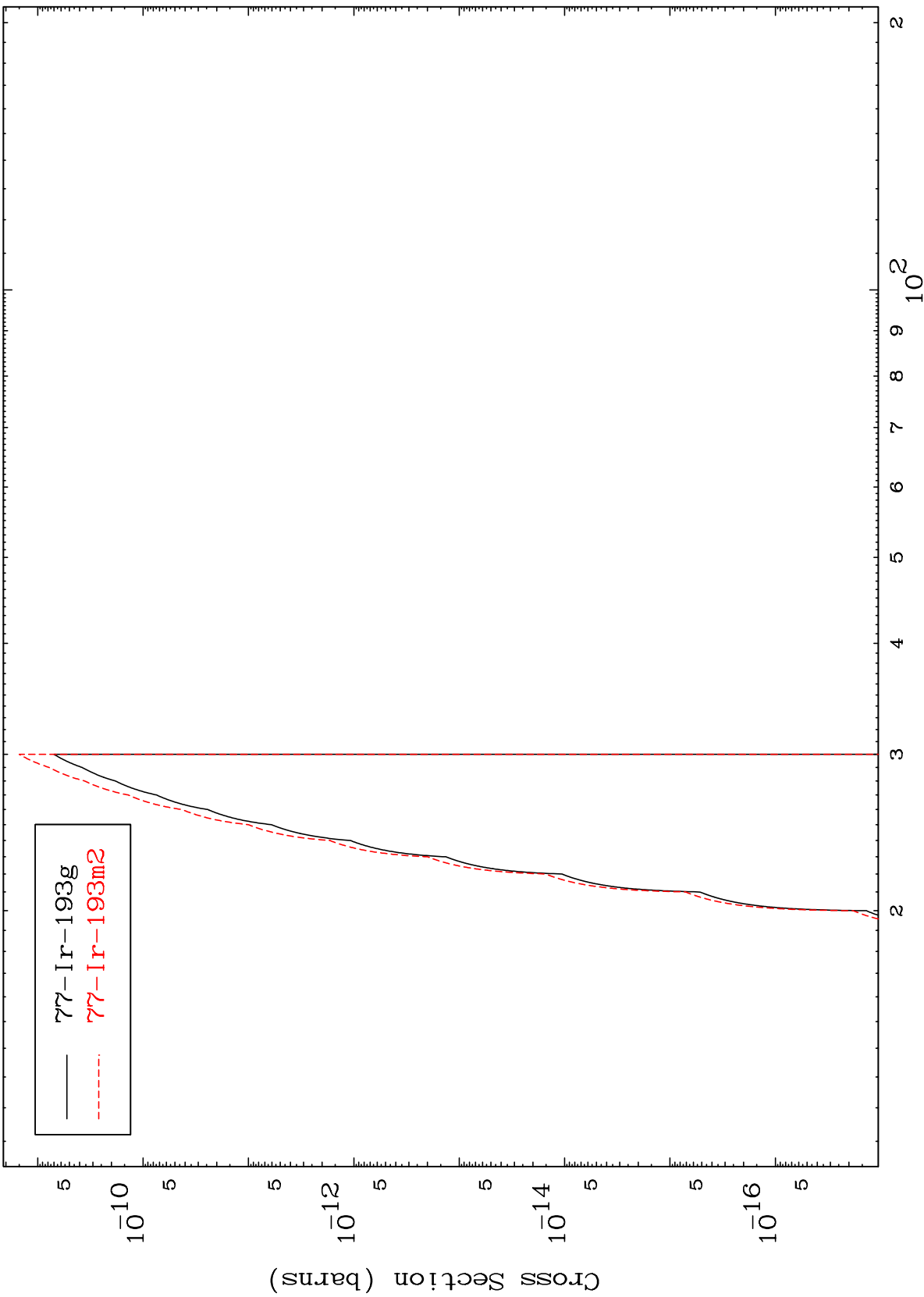
79-Au-196m

MAT 7923

(n,p) t

⁷⁹Au-196m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

⁷⁹Au-196m