

Program EVALPLOT
(Version 2021-1)

by

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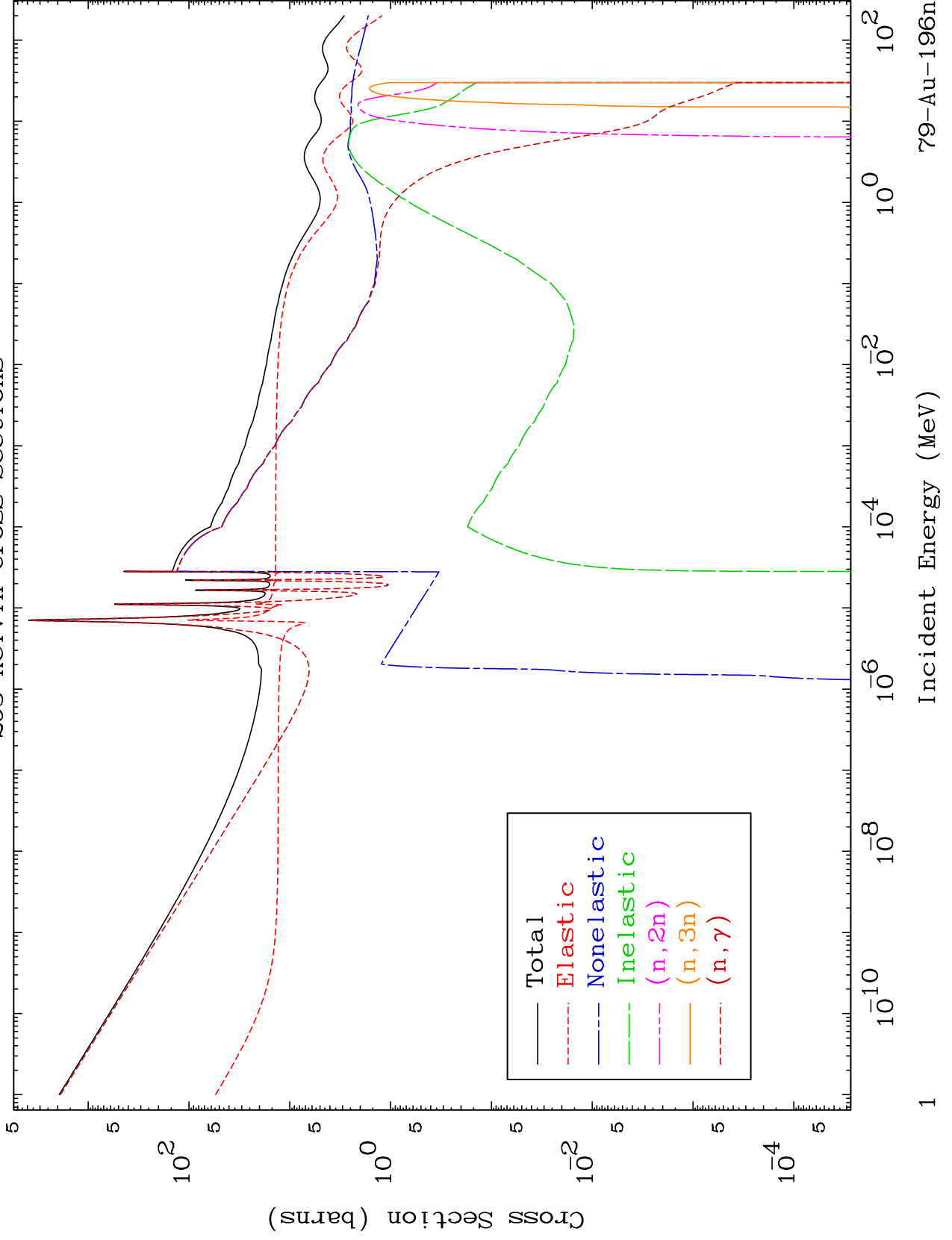
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7924

Neutron Major
293 Kelvin Cross Sections

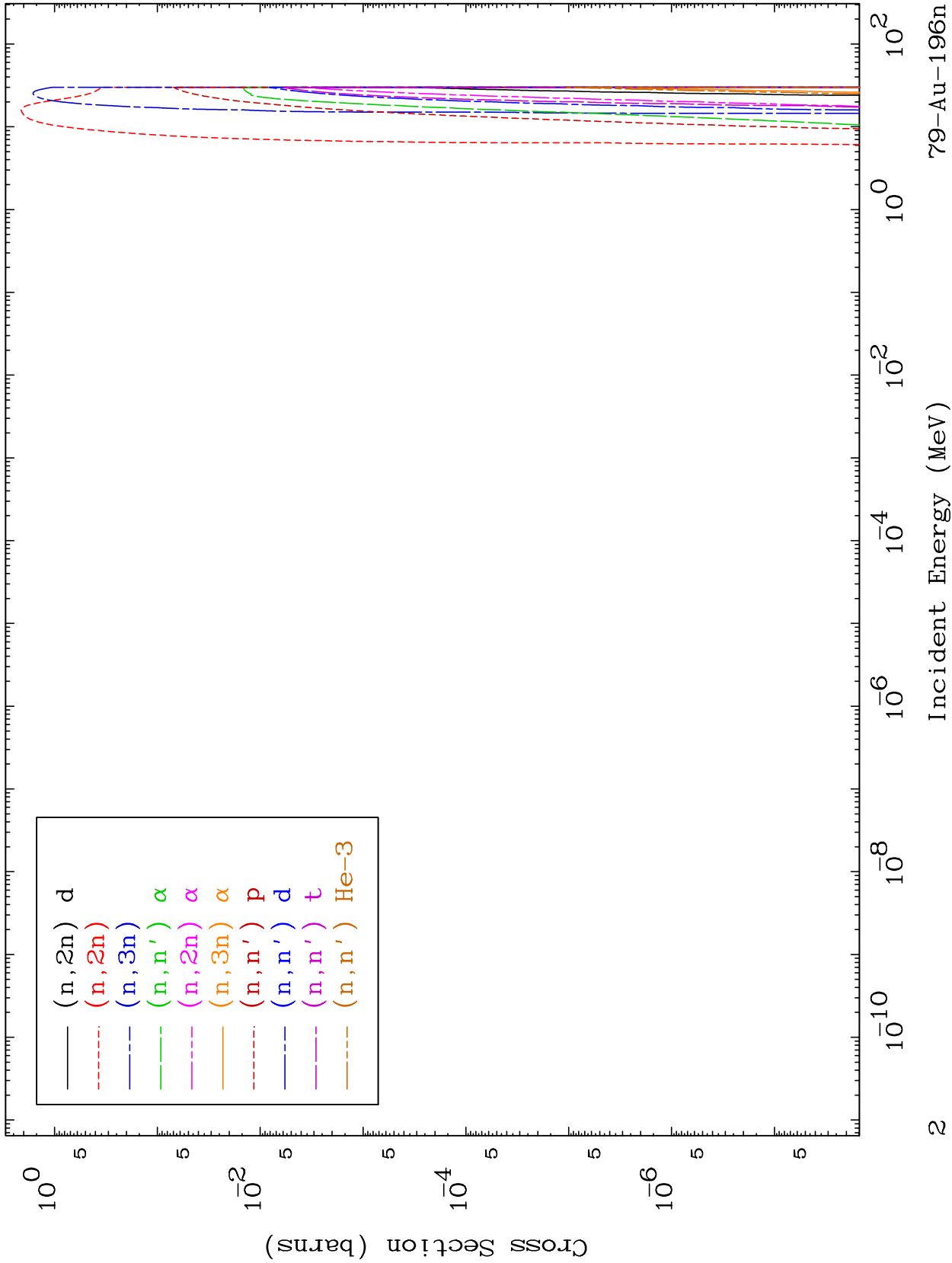
79-Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

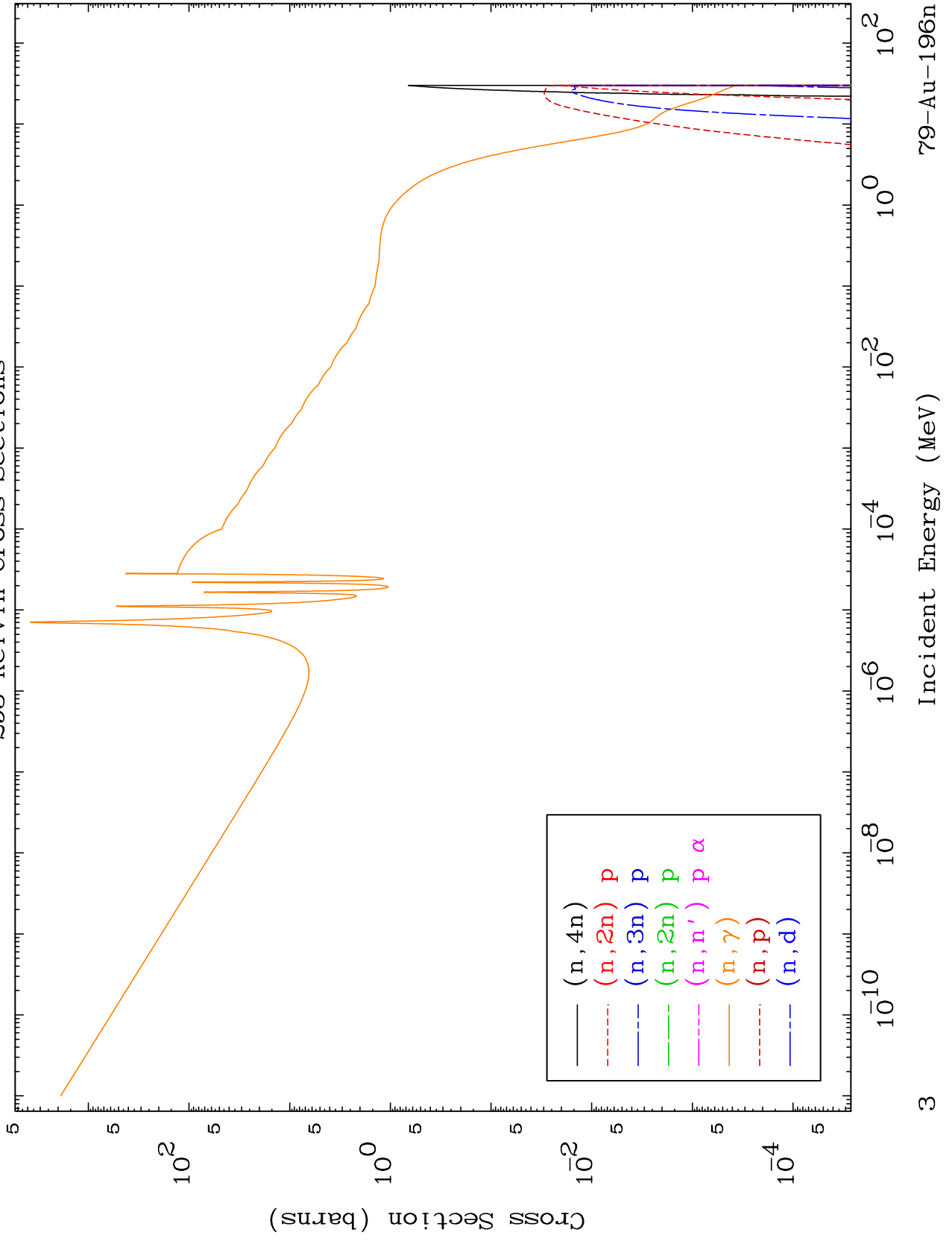
79-Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

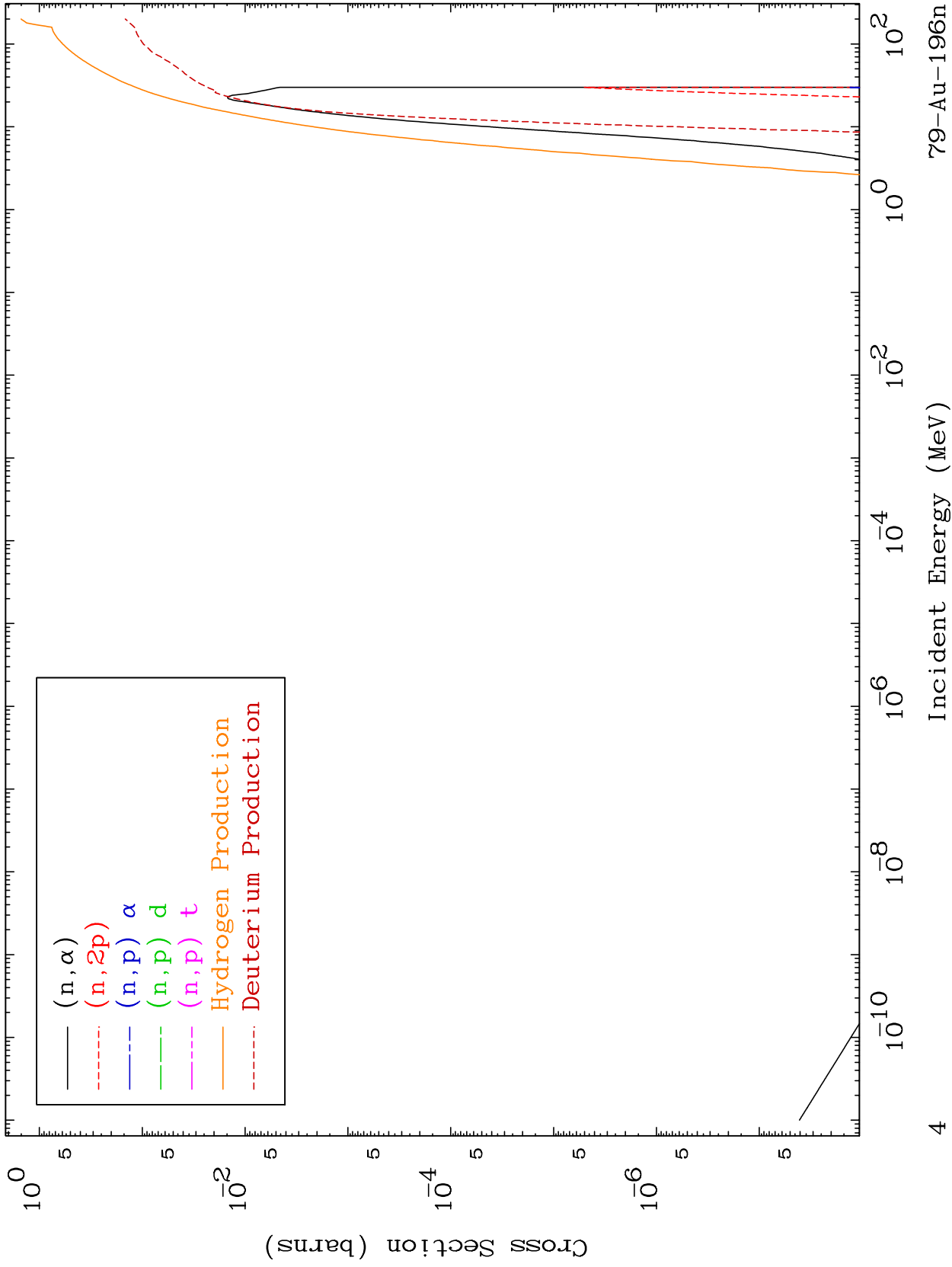
⁷⁹Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

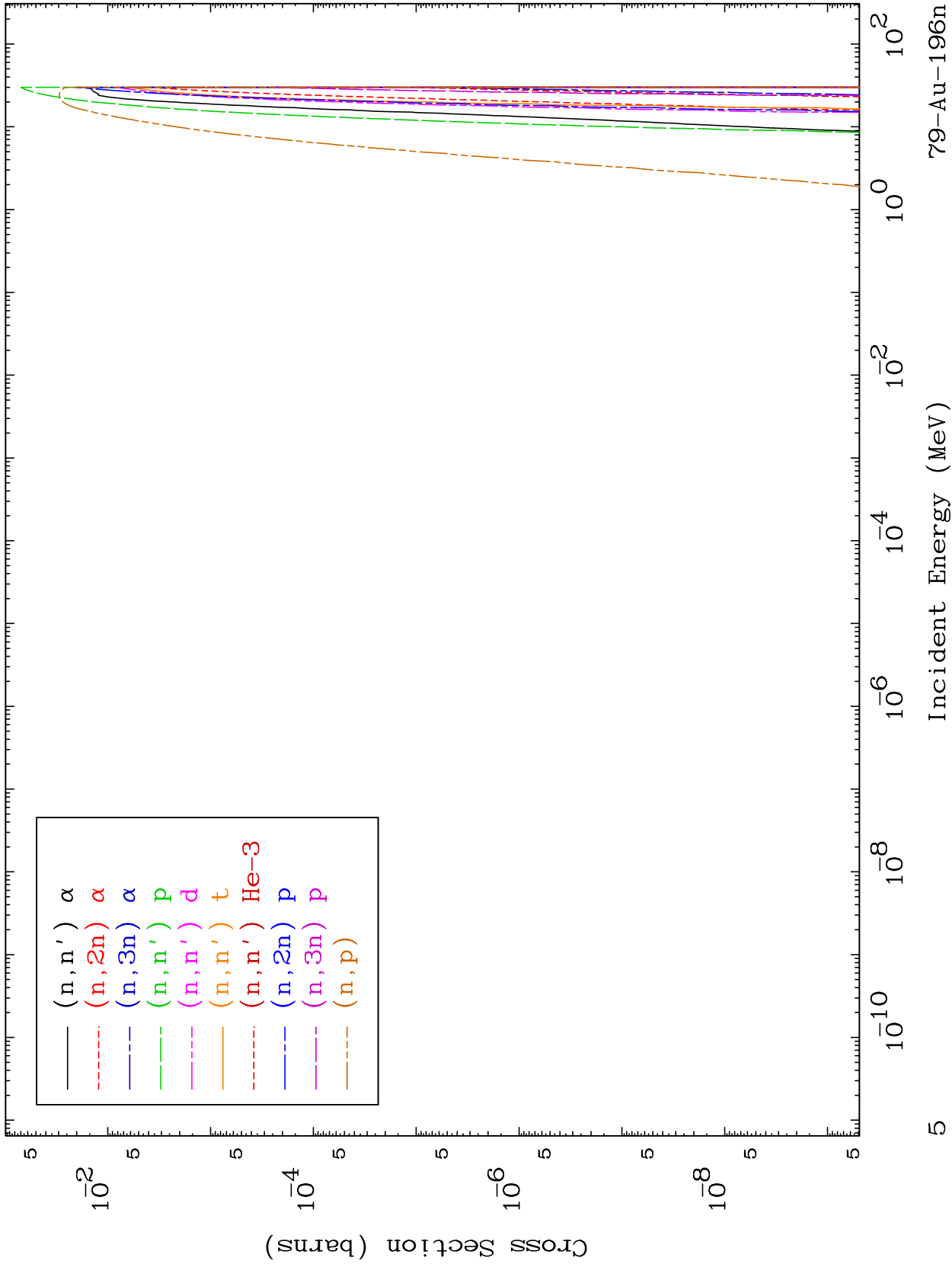
79-Au-196n



MAT 7924

Charged Particle
293 Kelvin Cross Sections

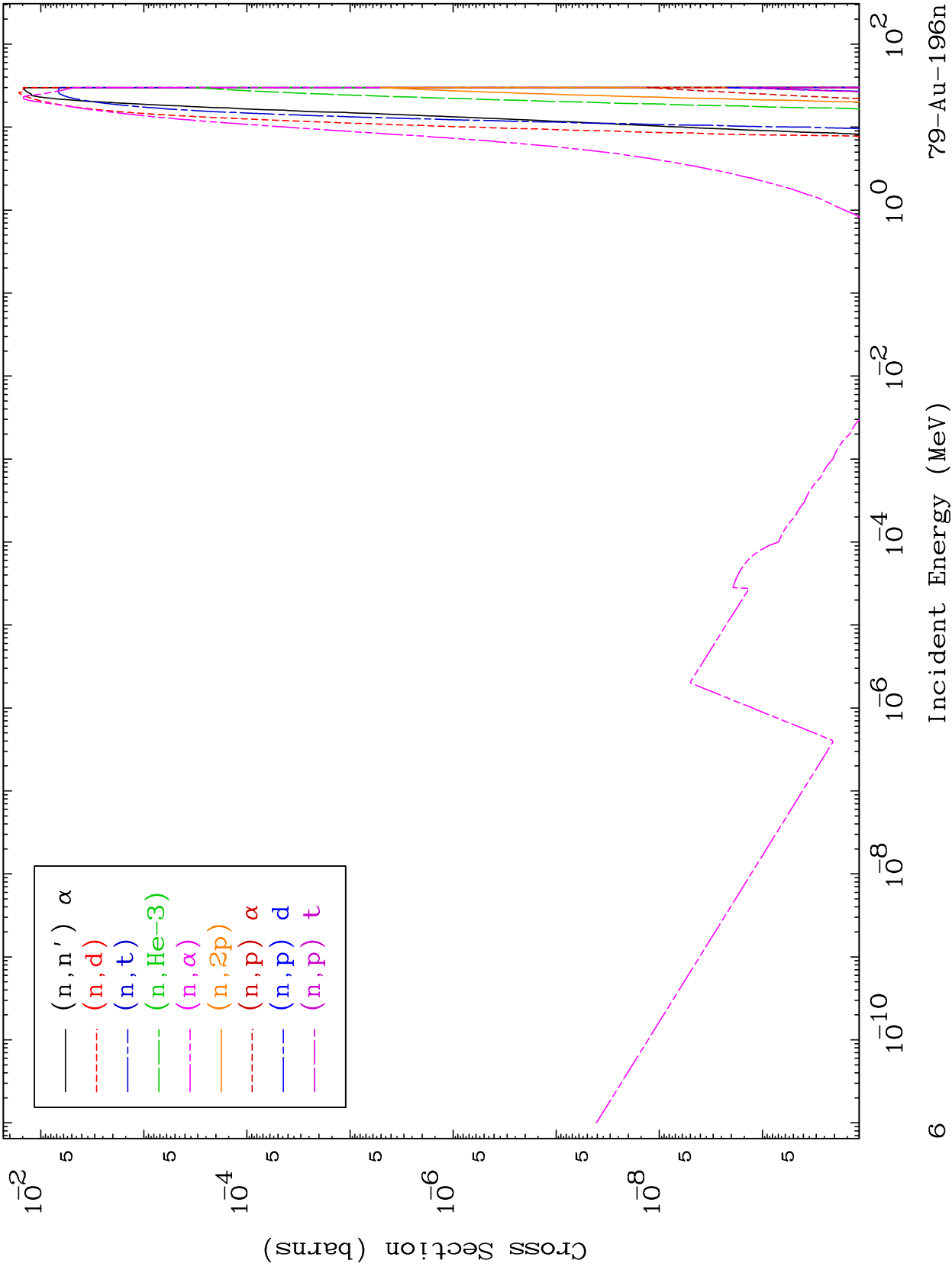
79-Au-196n



MAT 7924

Charged Particle
293 Kelvin Cross Sections

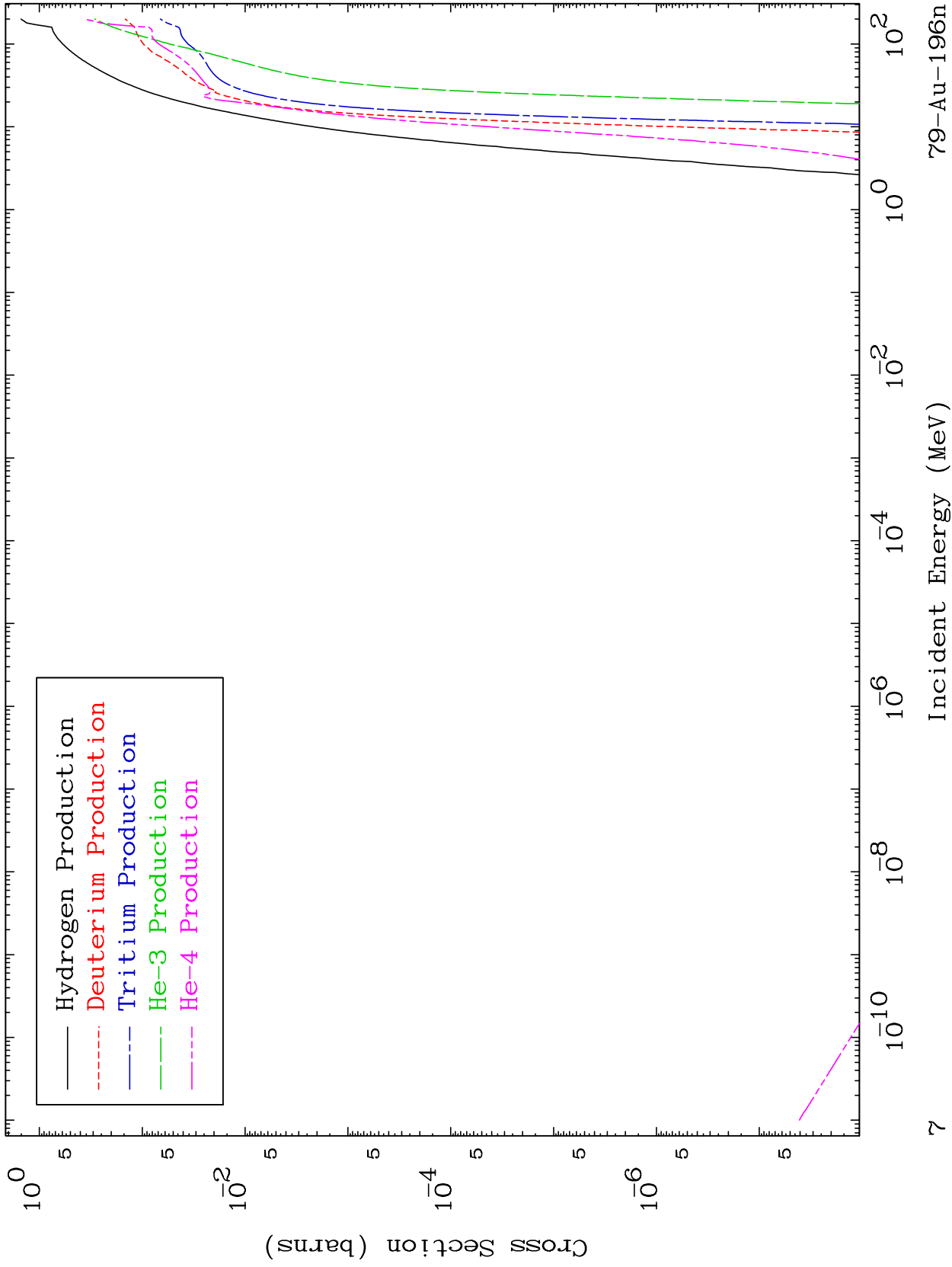
⁷⁹Au-196n



MAT 7924

Particle Production
293 Kelvin Cross Sections

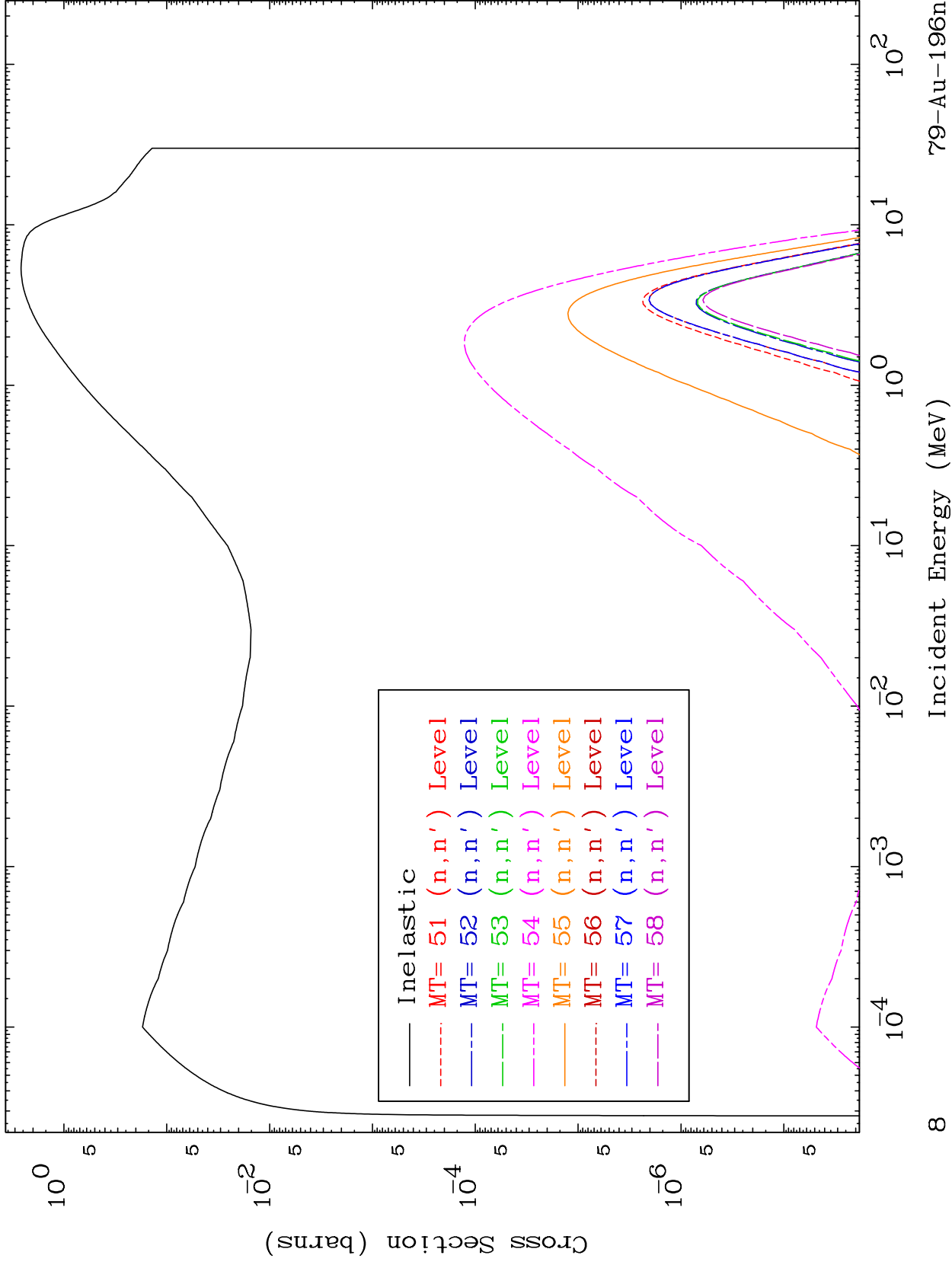
⁷⁹Au-196n



MAT 7924

(n,n') Levels
293 Kelvin Cross Sections

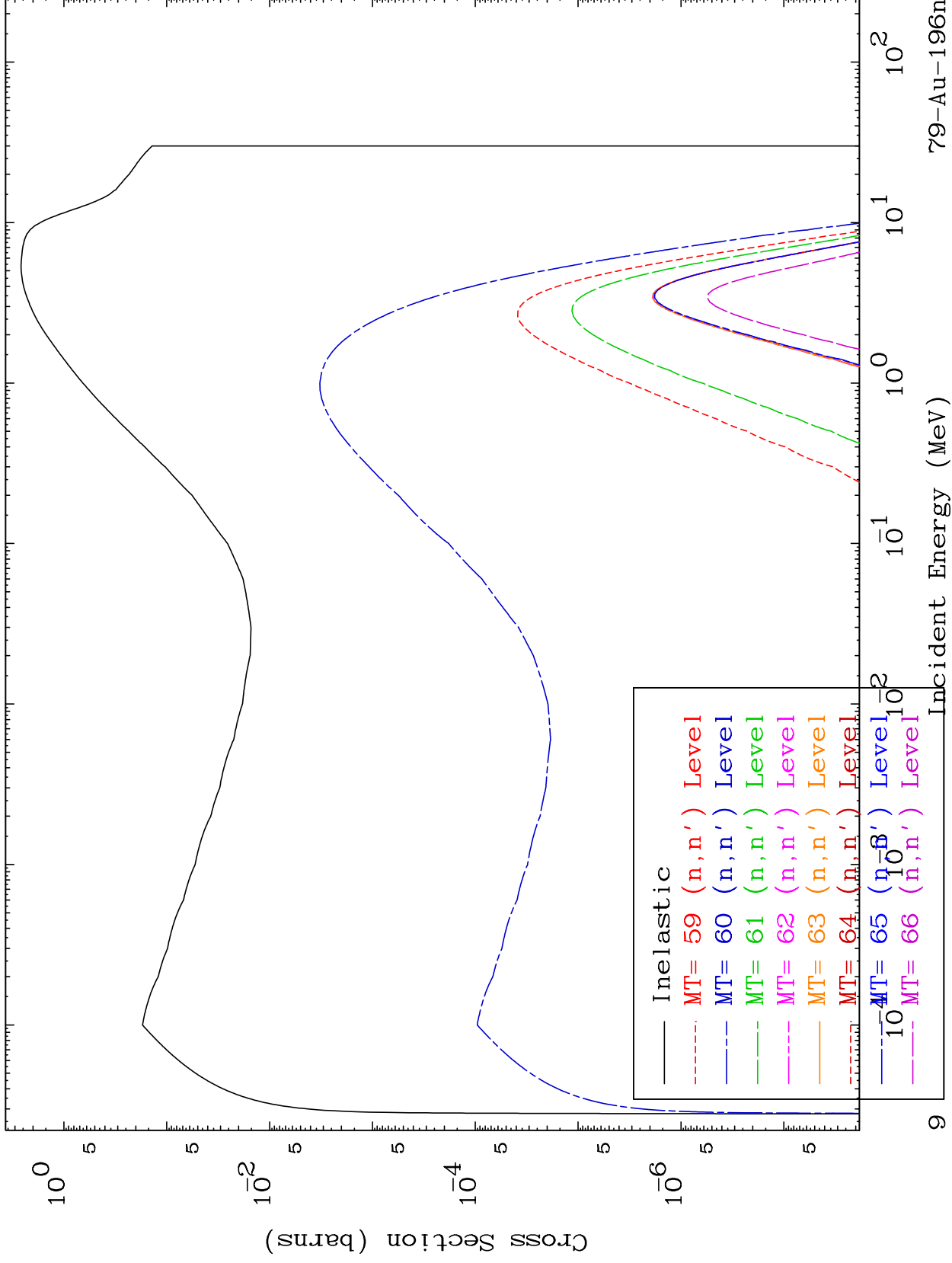
79-Au-196n



MAT 7924

(n,n') Levels
293 Kelvin Cross Sections

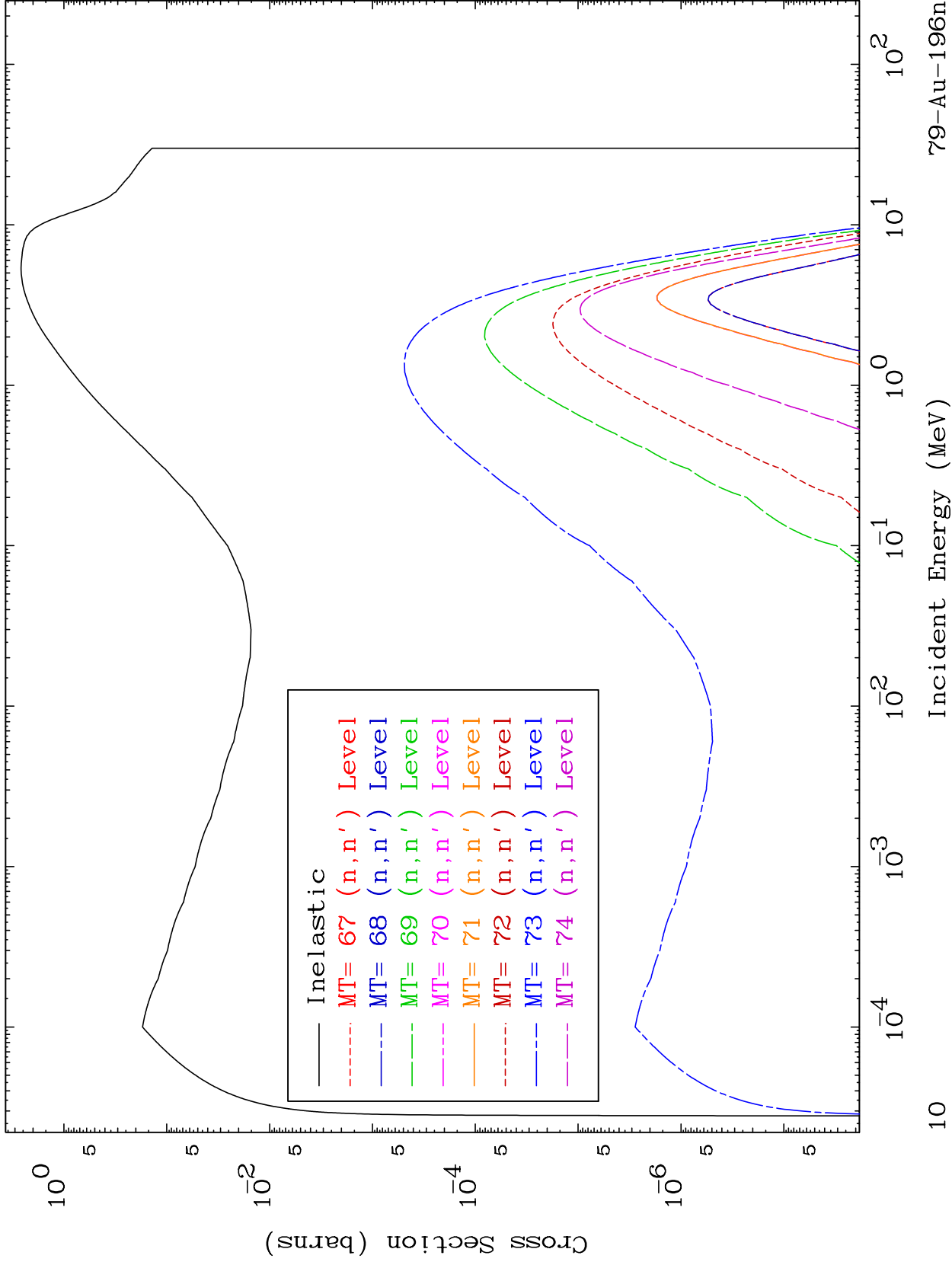
79-Au-196n



MAT 7924

(n,n') Levels
293 Kelvin Cross Sections

79-Au-196n

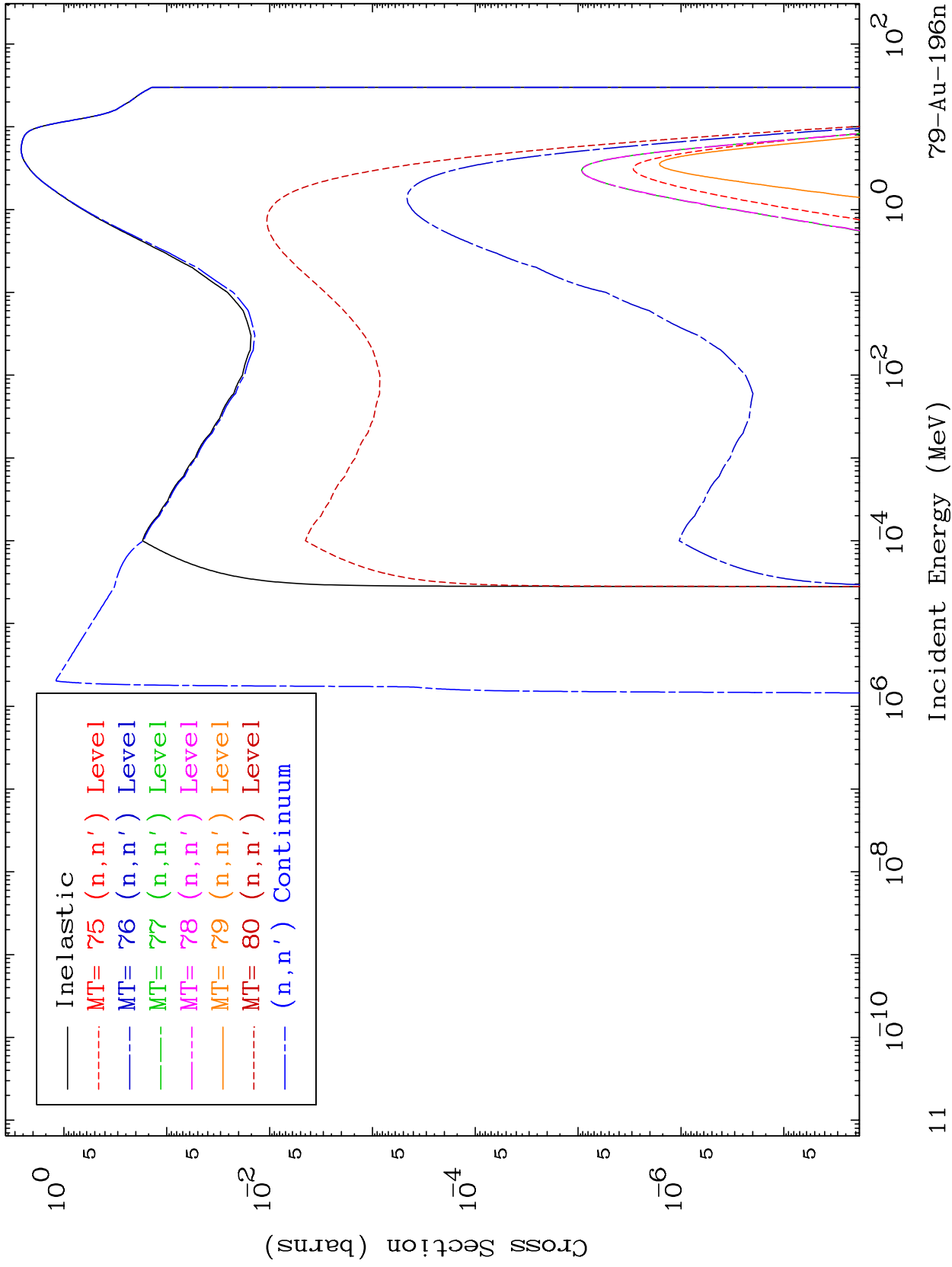


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MAT 7924

293 (n,n') Levels
Kelvin Cross Sections

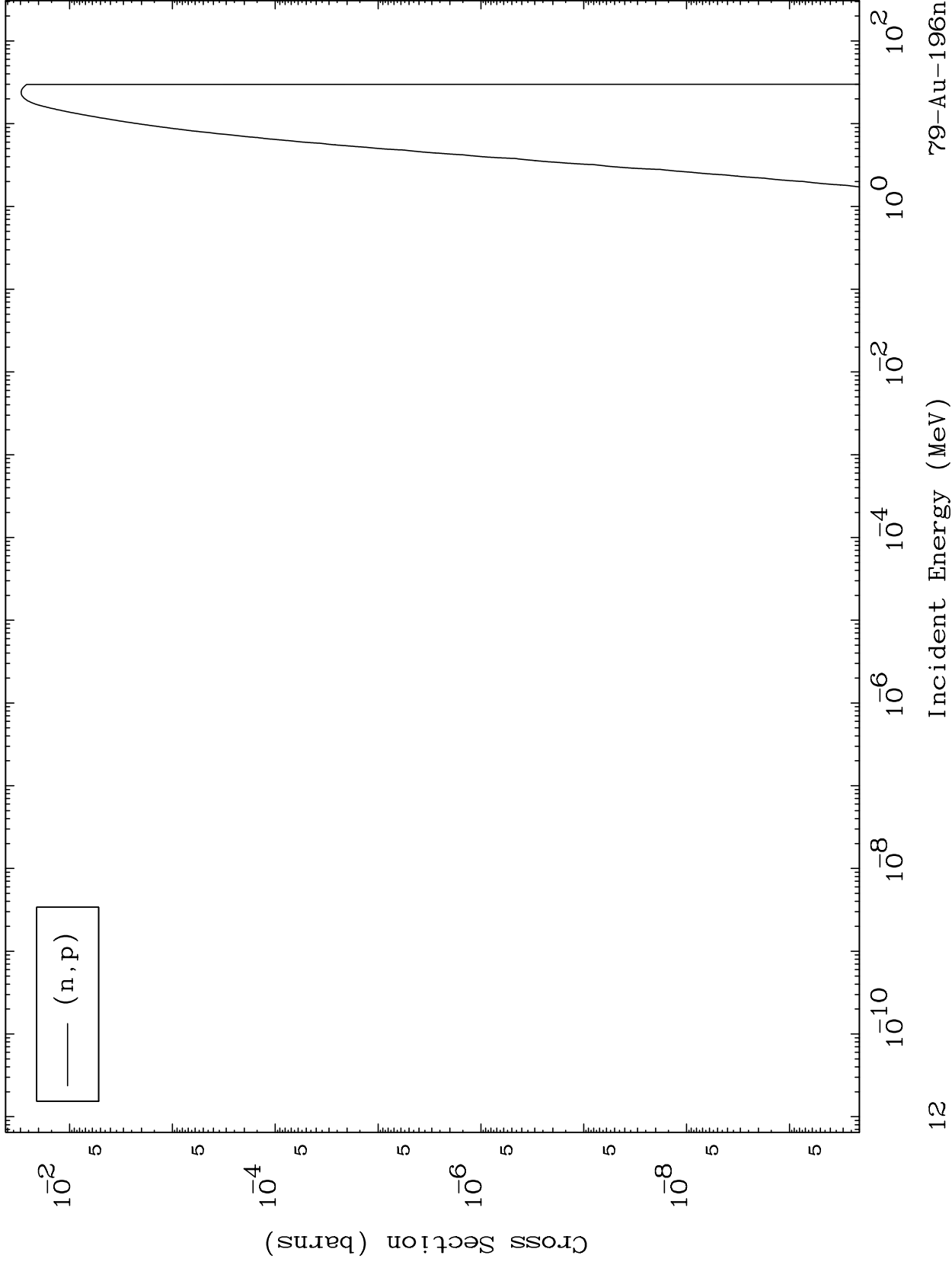
79-Au-196n



MAT 7924

(n,p) Levels
293 Kelvin Cross Sections

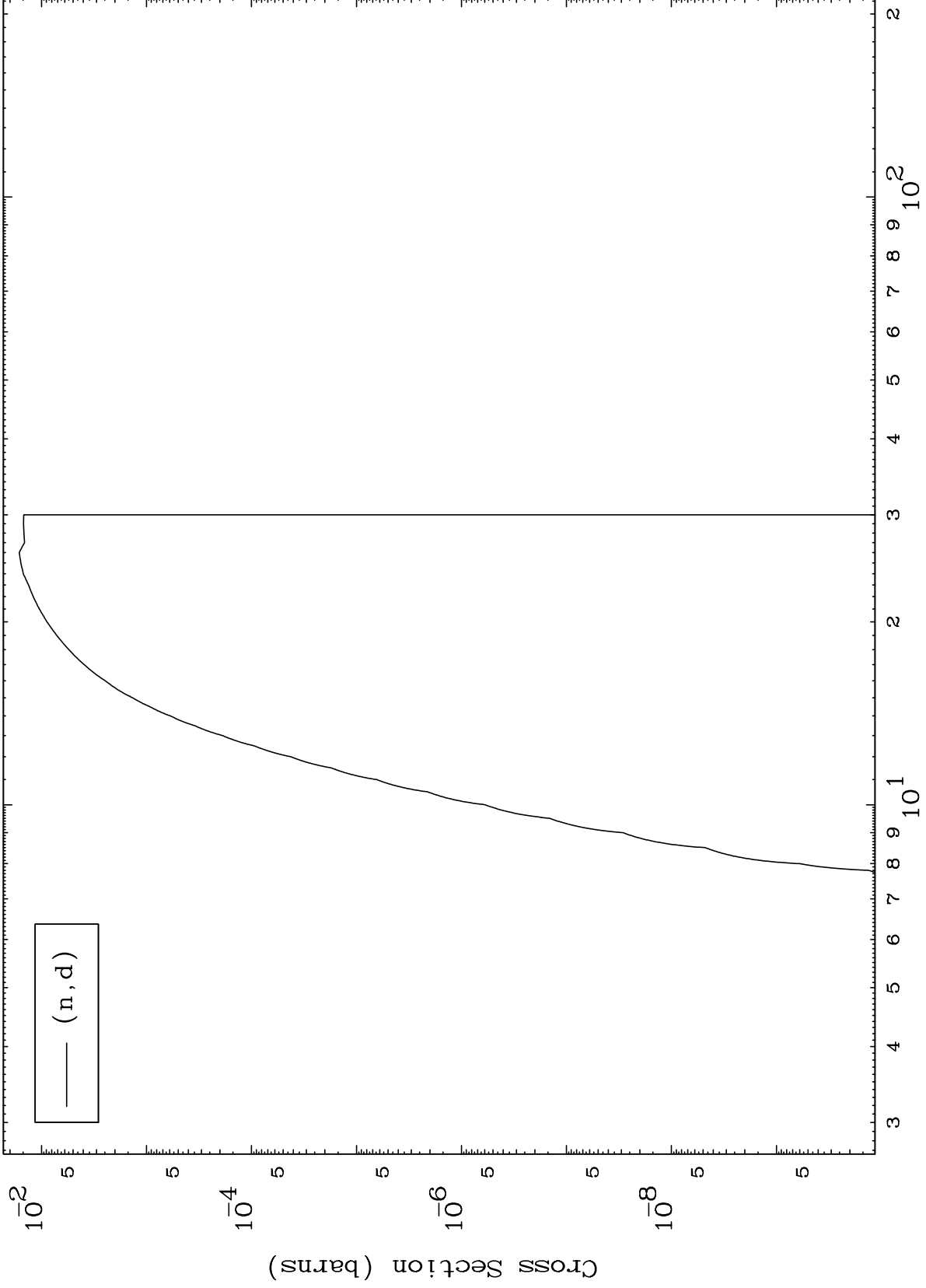
⁷⁹Au-196n



MAT 7924

(n,d) Levels
293 Kelvin Cross Sections

79-Au-196n



13

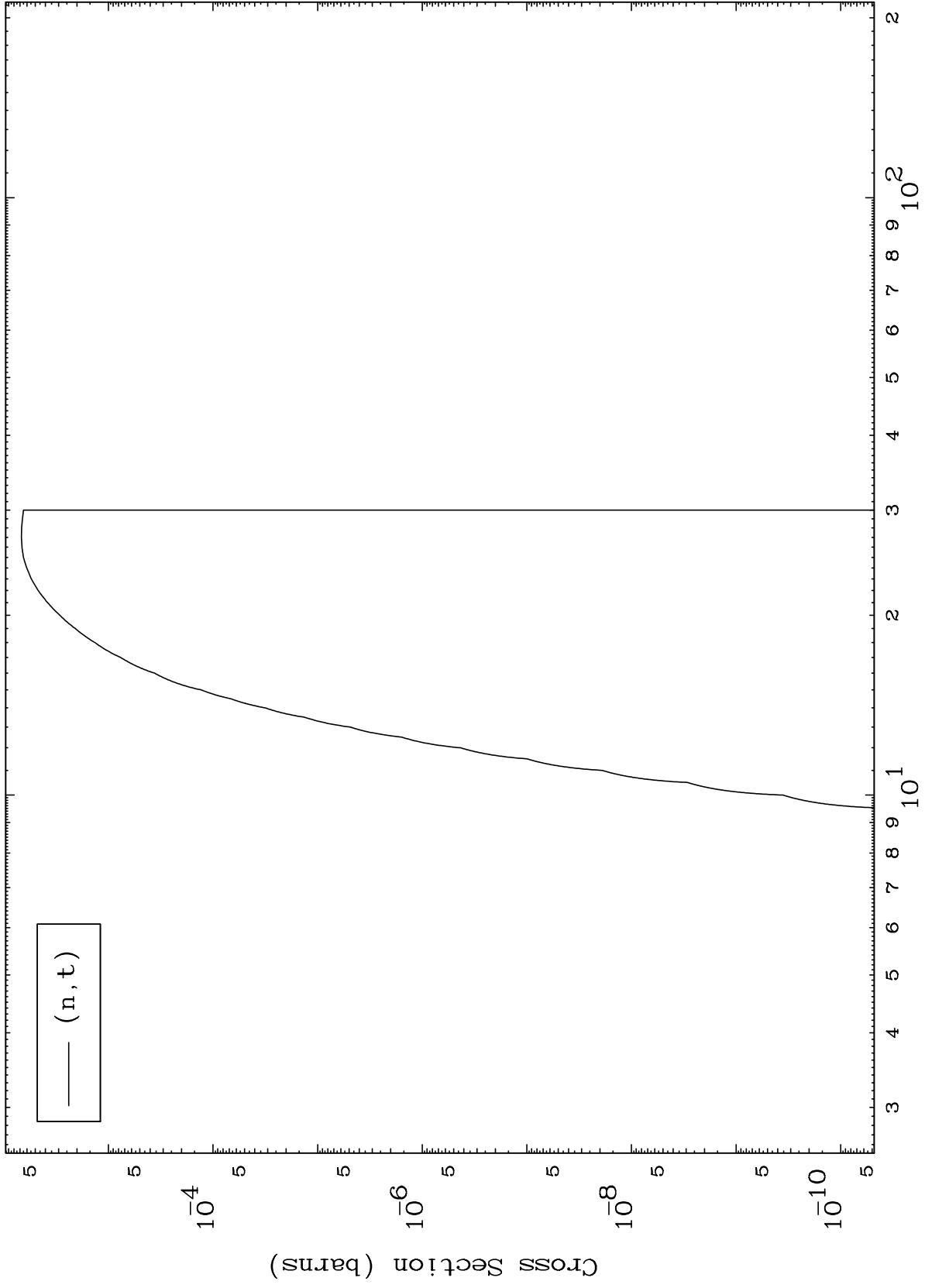
Incident Energy (MeV)

79-Au-196n

MAT 7924

(n,t) Levels
293 Kelvin Cross Sections

79-Au-196n



(n,t)

14

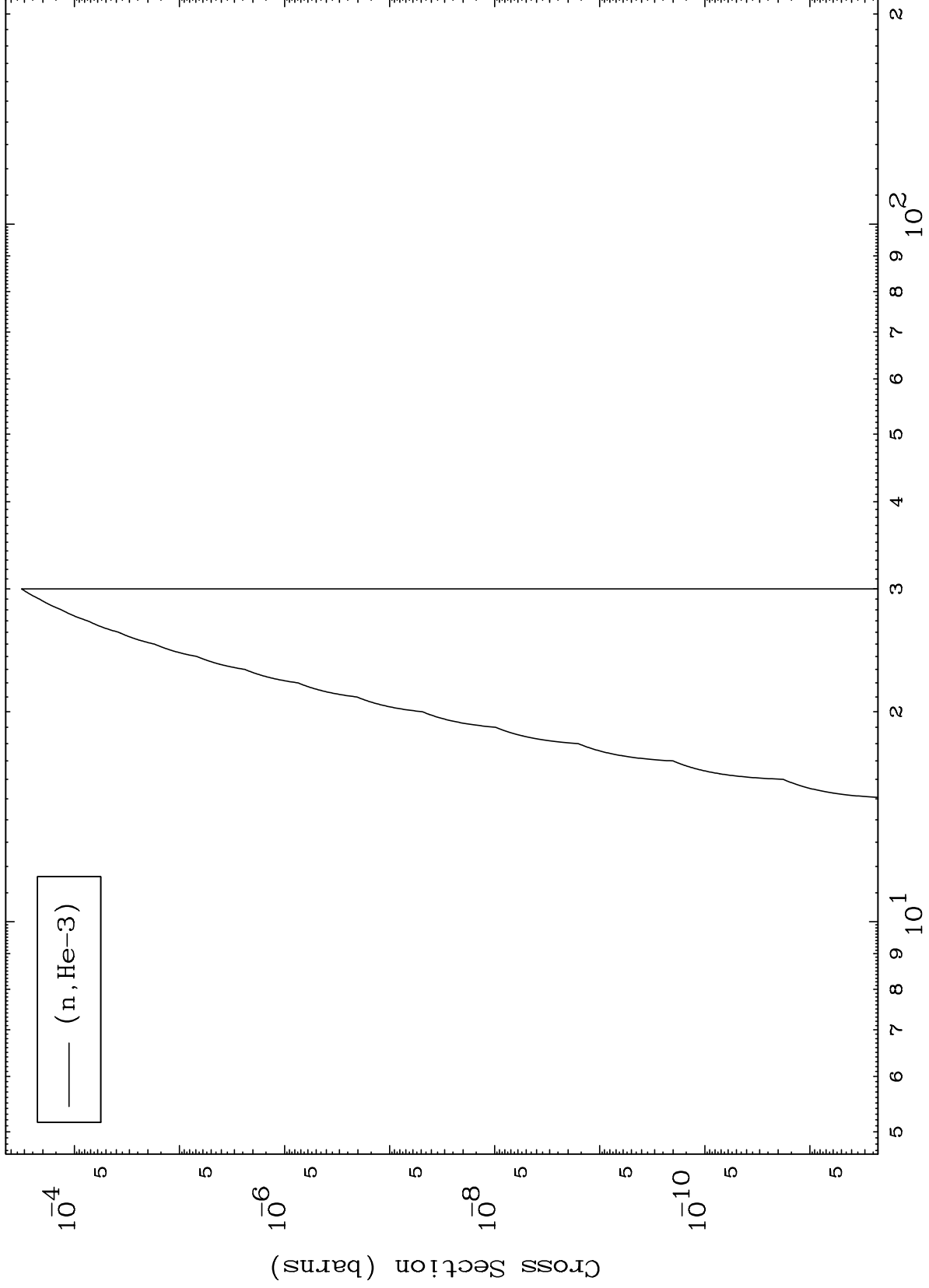
Incident Energy (MeV)

79-Au-196n

MAT 7924

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196n



15

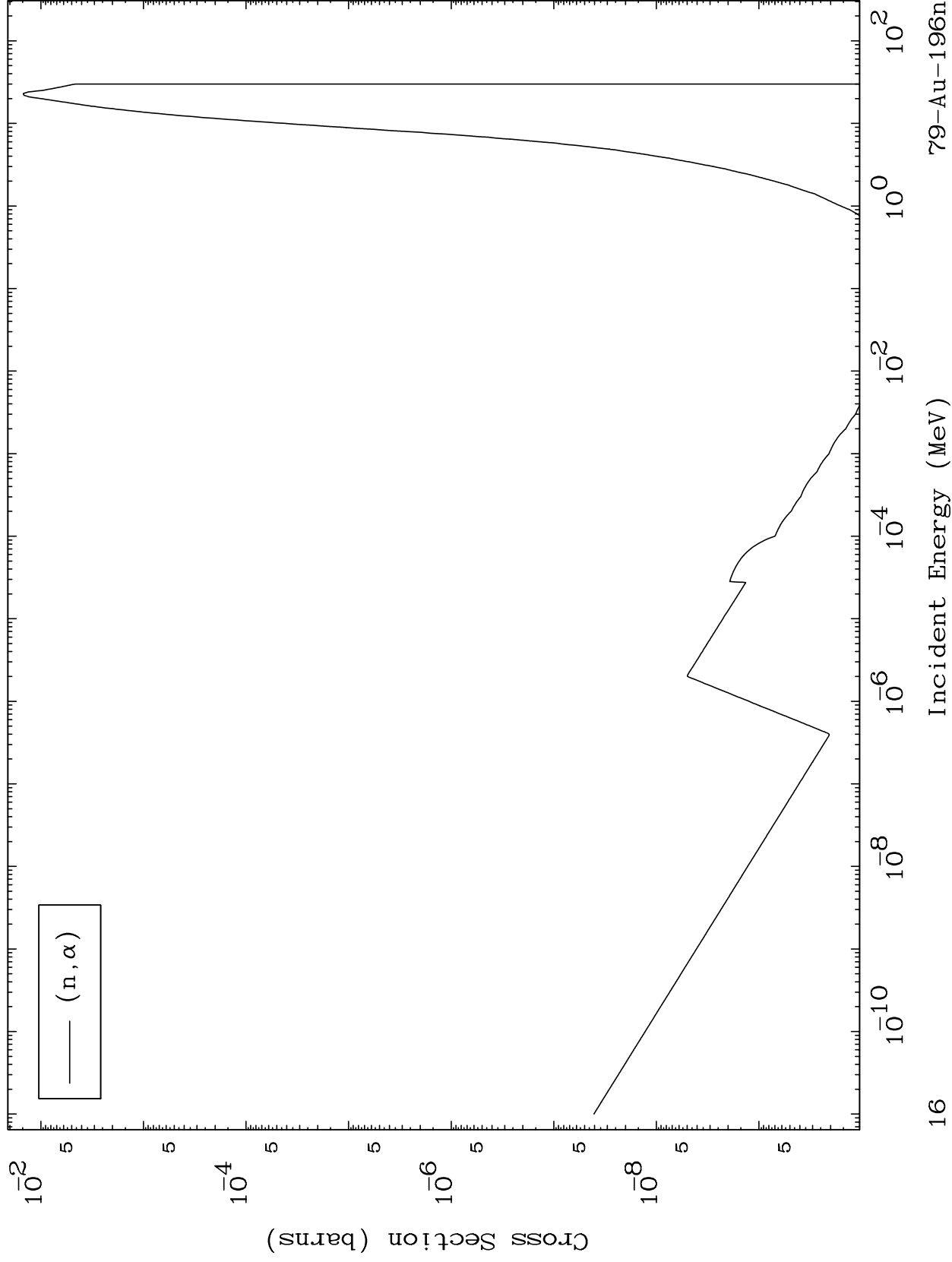
Incident Energy (MeV)

79-Au-196n

MAT 7924

(n, α) Levels
293 Kelvin Cross Sections

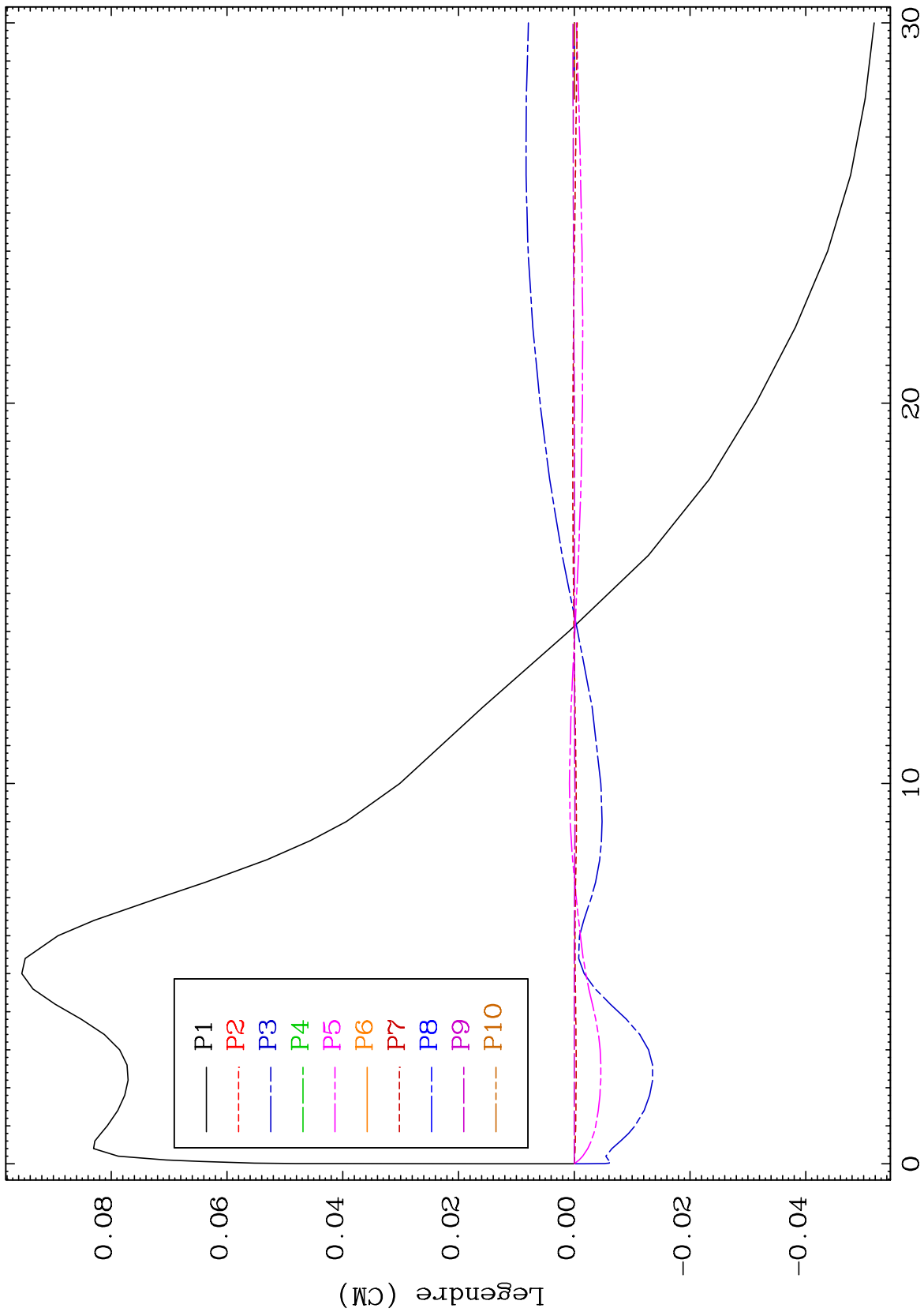
⁷⁹Au-196n



MAT 7924

Elastic Legendre Coefficients

⁷⁹Au-196n



⁷⁹Au-196n

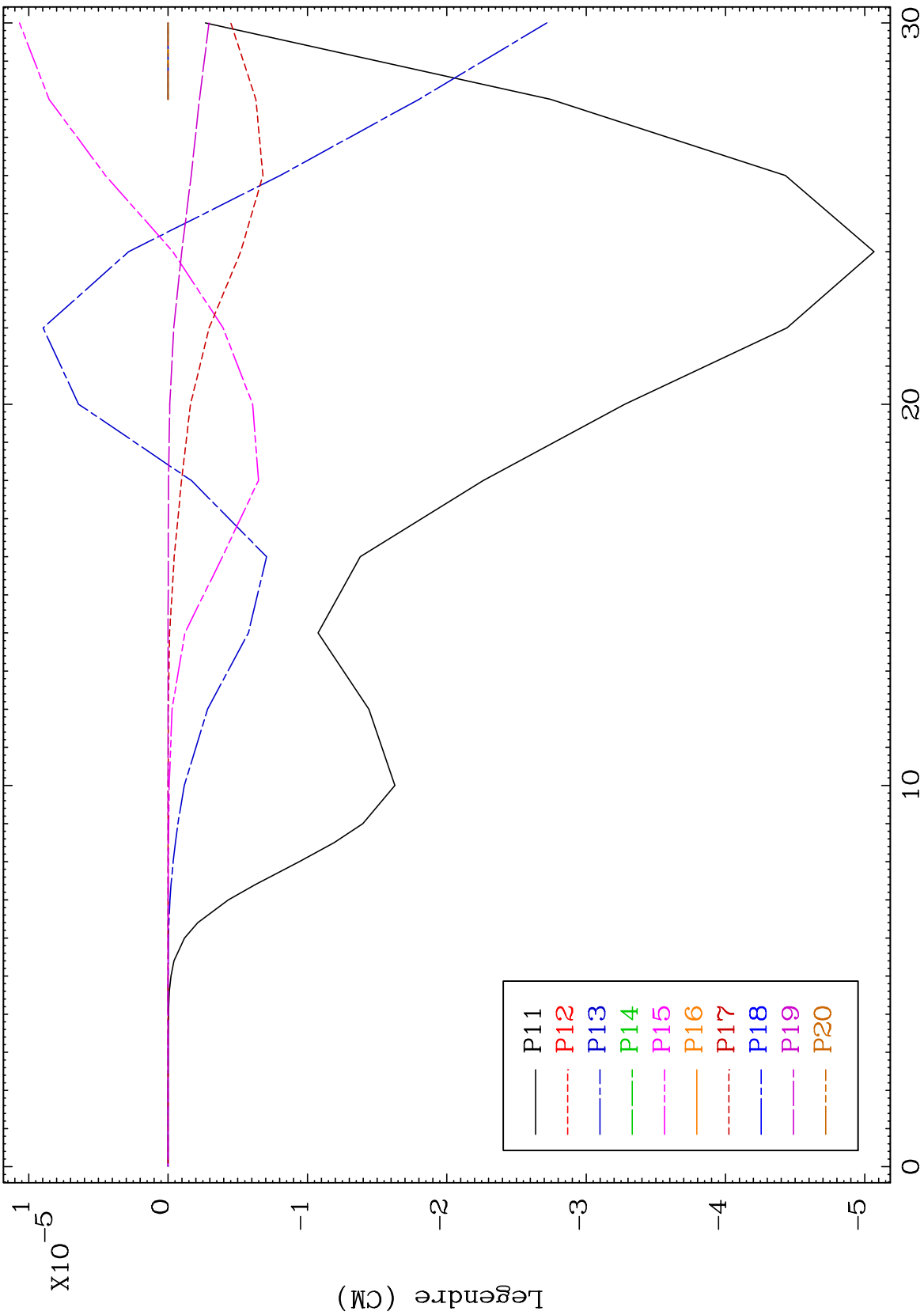
Incident Energy (MeV)

17

MAT 7924

Elastic Legendre Coefficients

79-Au-196n



18

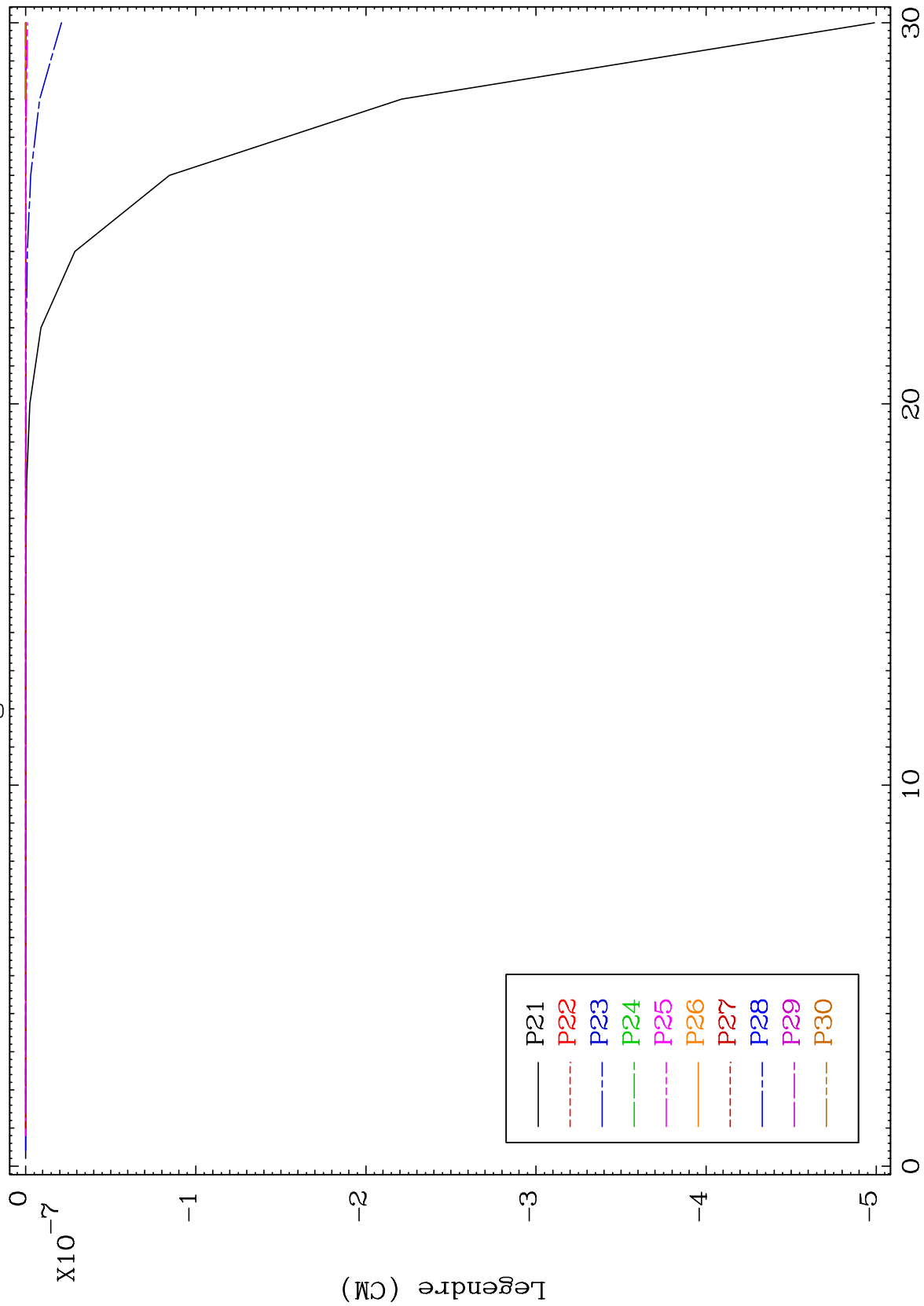
Incident Energy (MeV)

79-Au-196n

MAT 7924

Elastic
Legendre Coefficients

⁷⁹Au-¹⁹⁶n



19

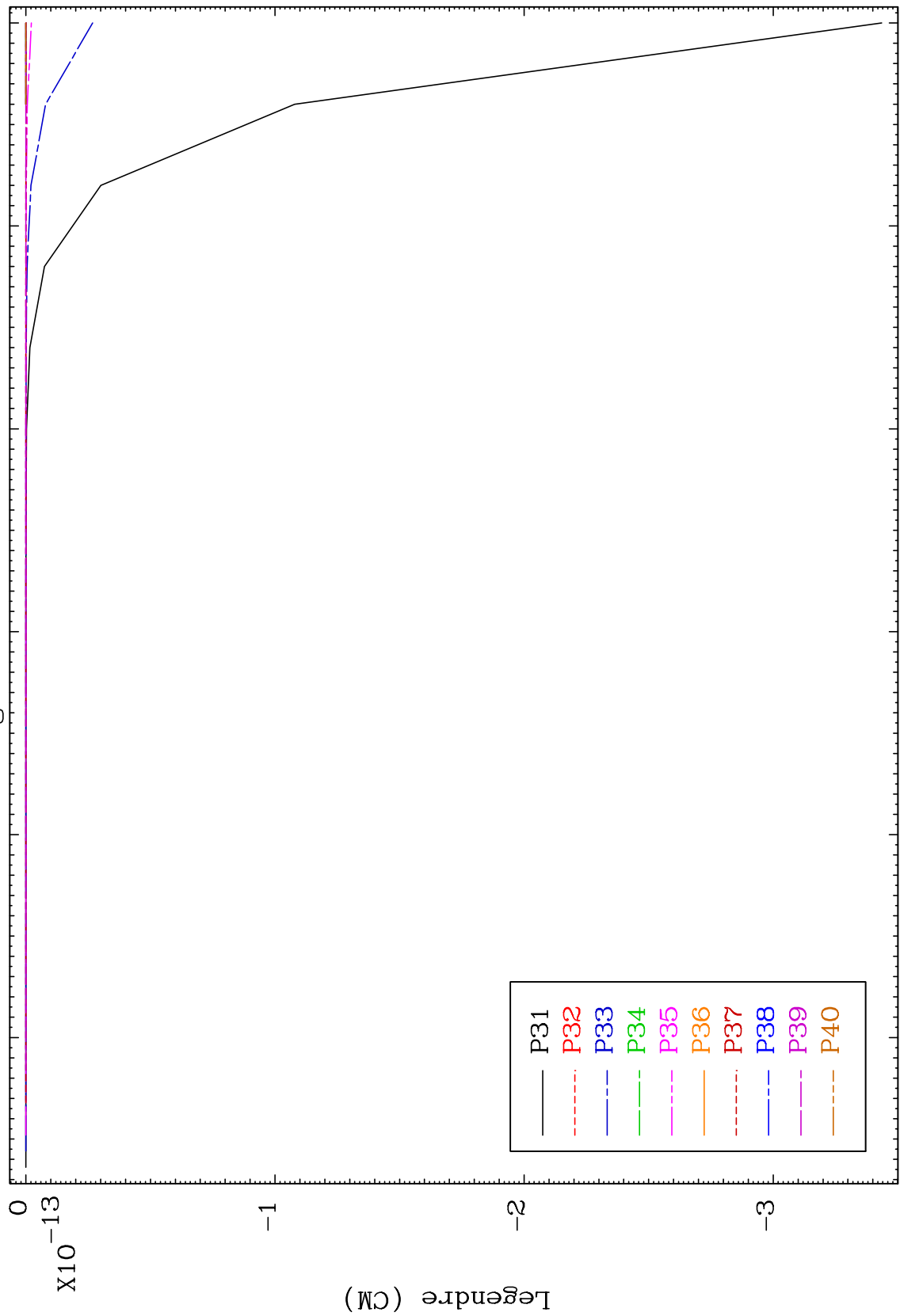
Incident Energy (MeV)

⁷⁹Au-¹⁹⁶n

MAT 7924

Elastic Legendre Coefficients

⁷⁹Au-196n



20

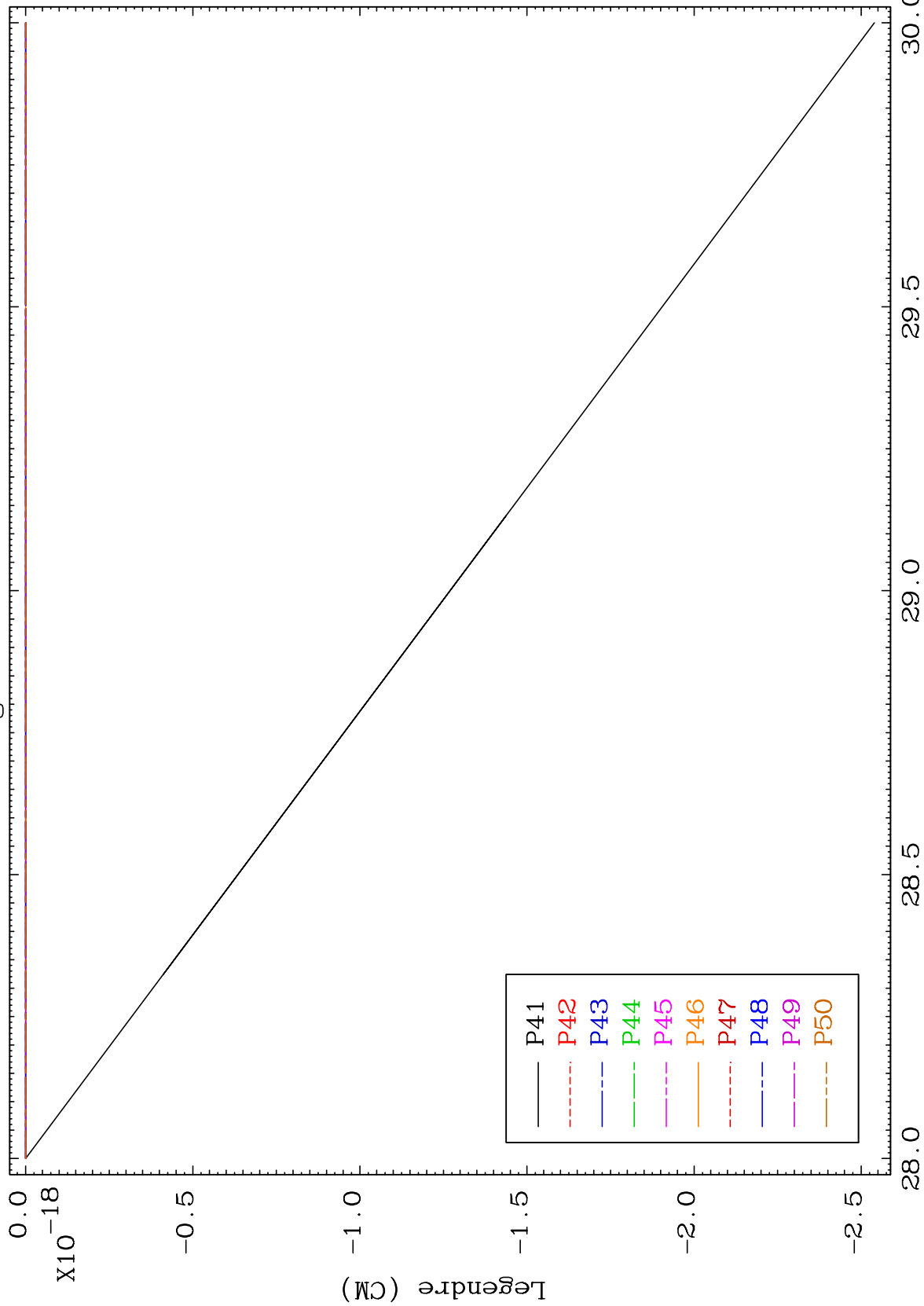
Incident Energy (MeV)

⁷⁹Au-196n

MAT 7924

Elastic
Legendre Coefficients

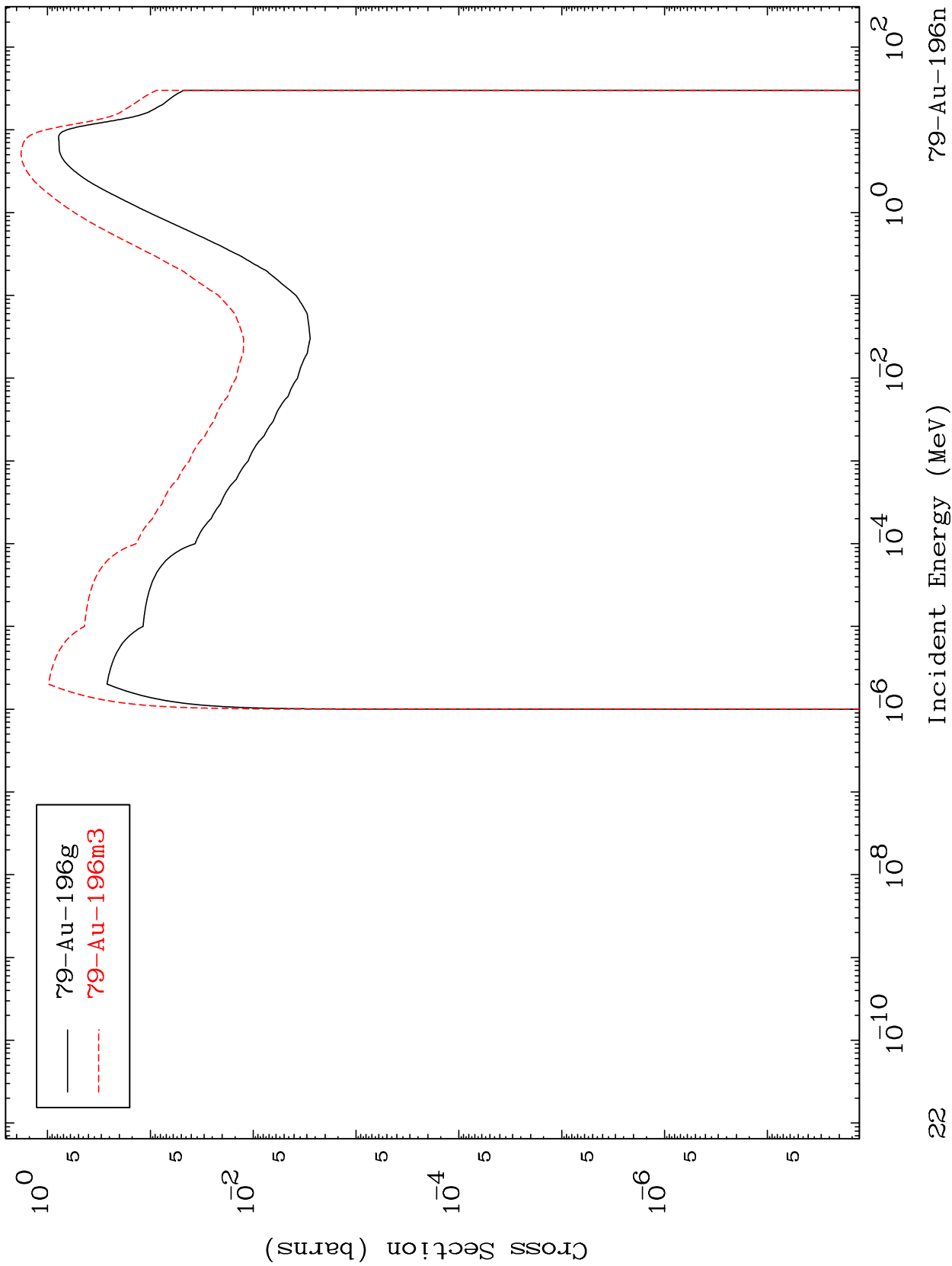
⁷⁹Au-196n



MAT 7924

⁷⁹Au-196n

Inelastic Radionuclide Production Cross Section



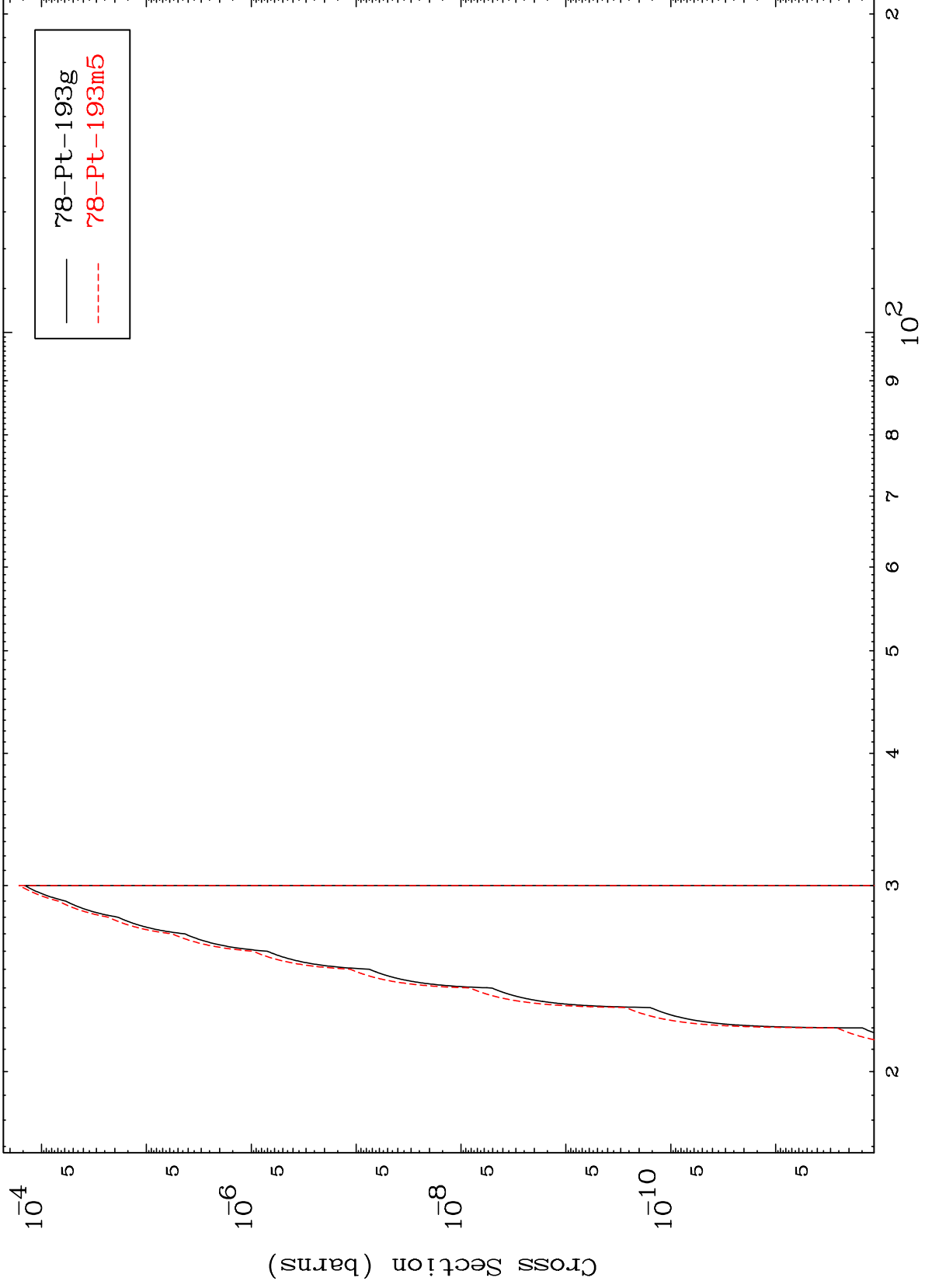
— 79-Au-196g
- - - 79-Au-196m3

MAT 7924

(n,2n) d

79-Au-196n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

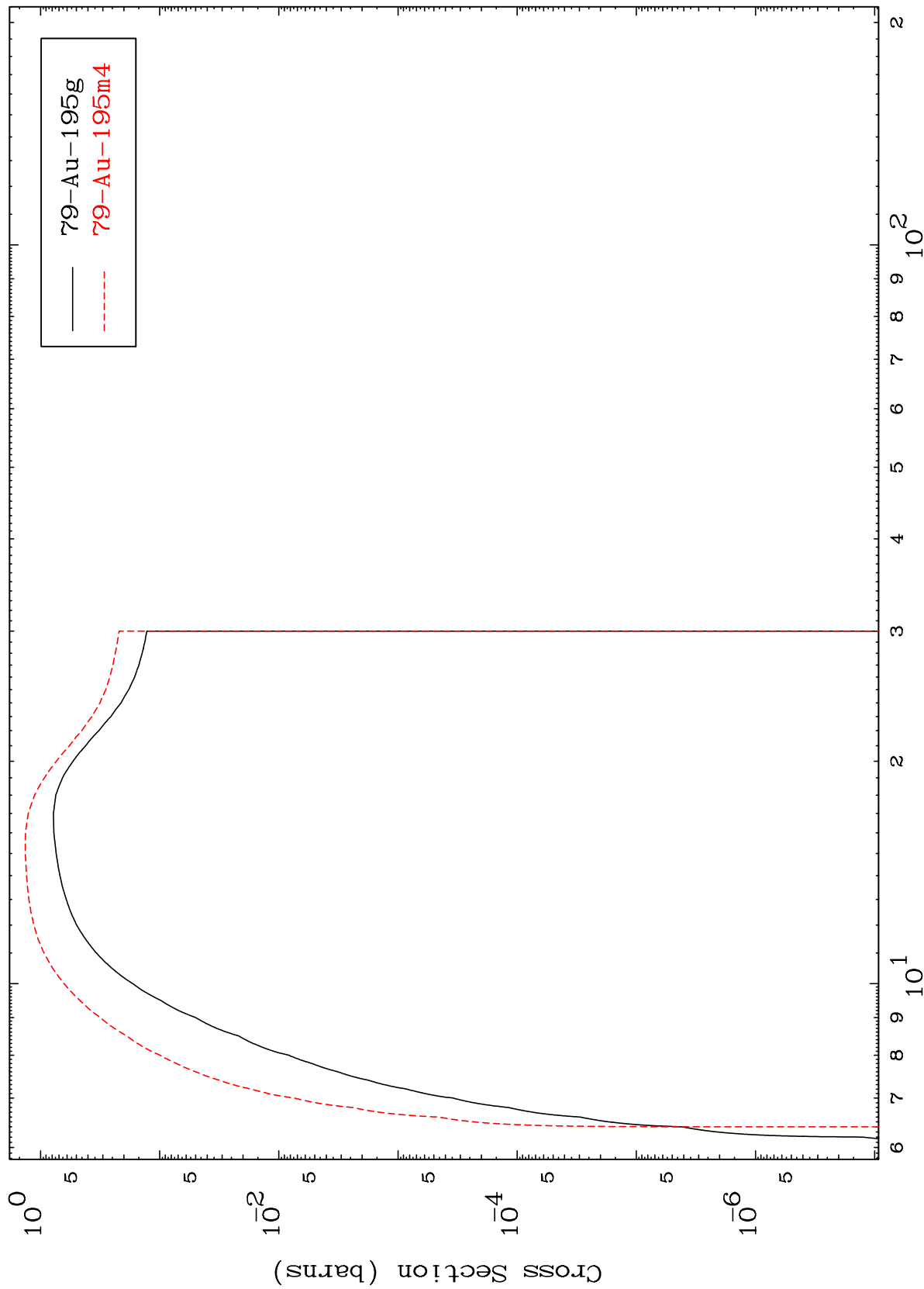
79-Au-196n

MAT 7924

⁷⁹Au-196n

(n,2n)

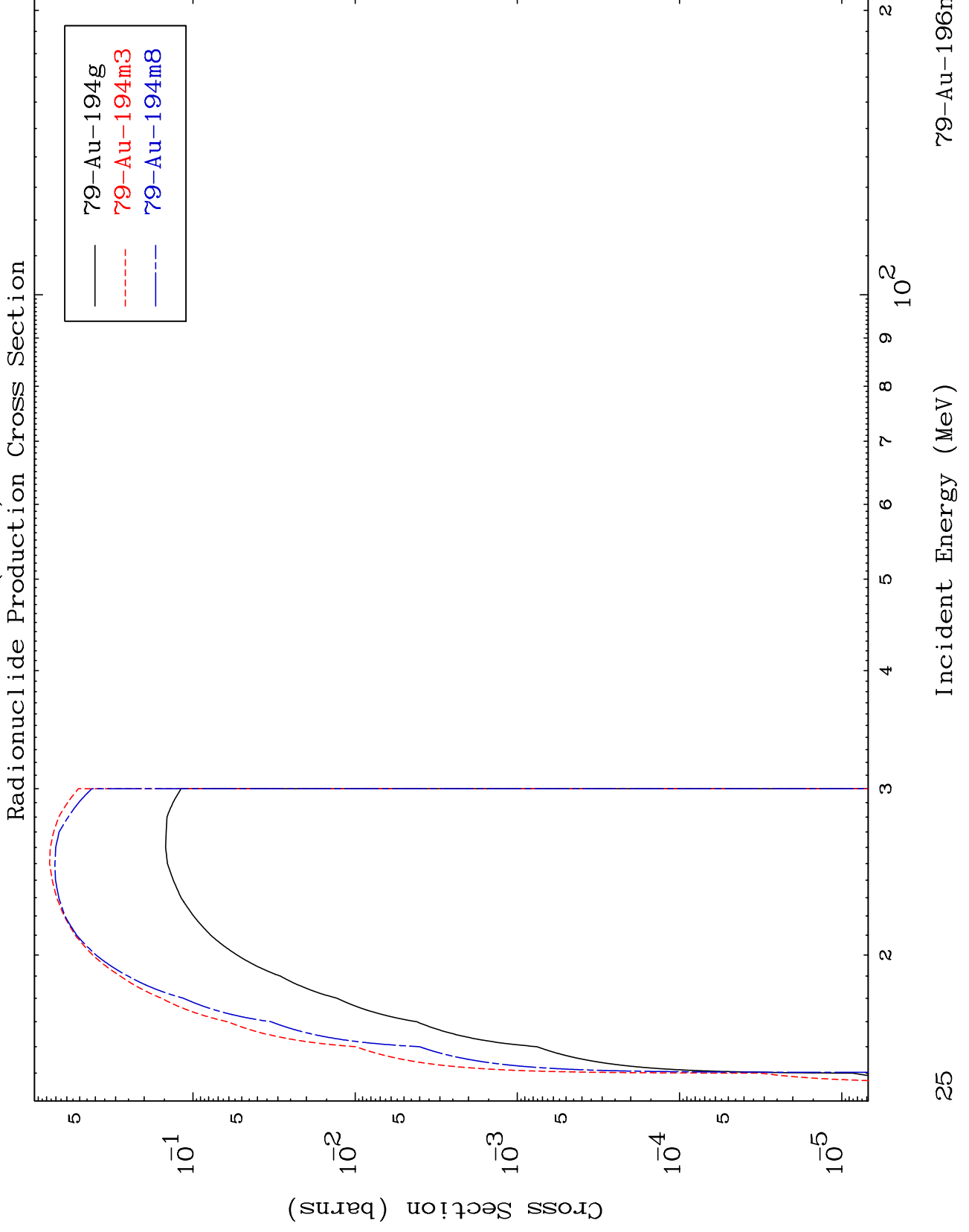
Radionuclide Production Cross Section



⁷⁹Au-196n

Incident Energy (MeV)

24

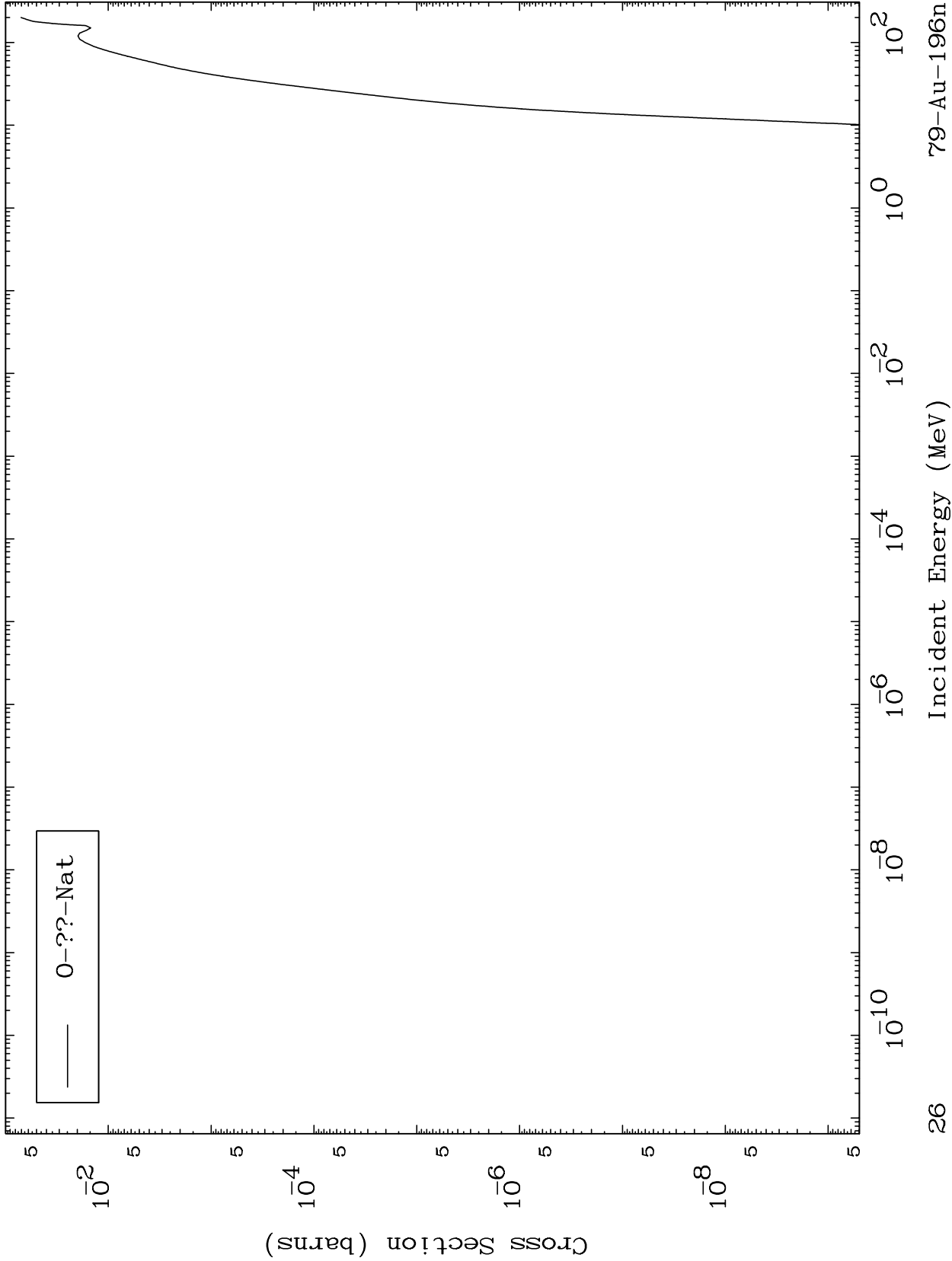


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Fission

⁷⁹Au-196n

Radionuclide Production Cross Section

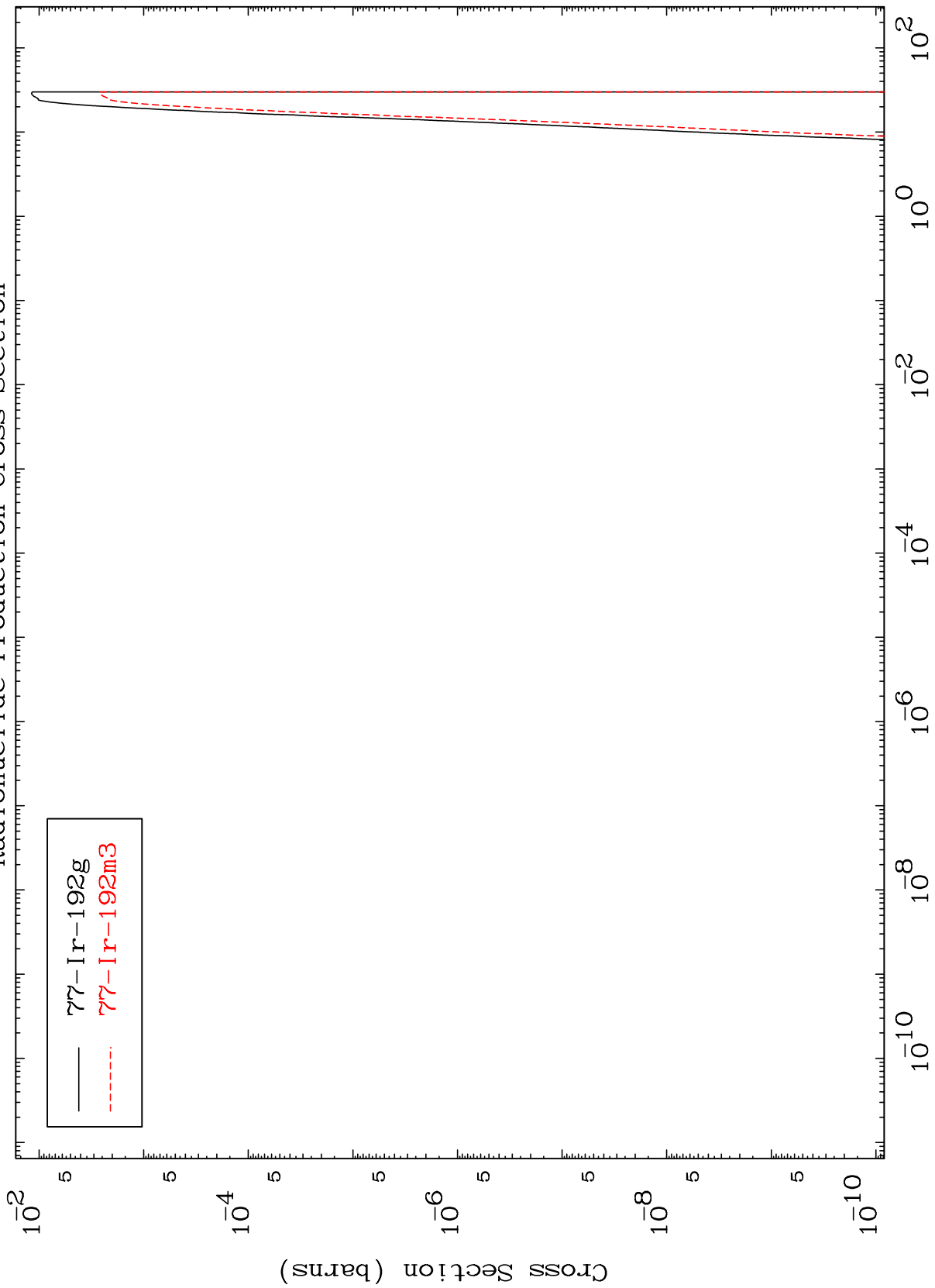


MAT 7924

$(n, n') \alpha$

$^{79}\text{Au}-196\text{n}$

Radionuclide Production Cross Section

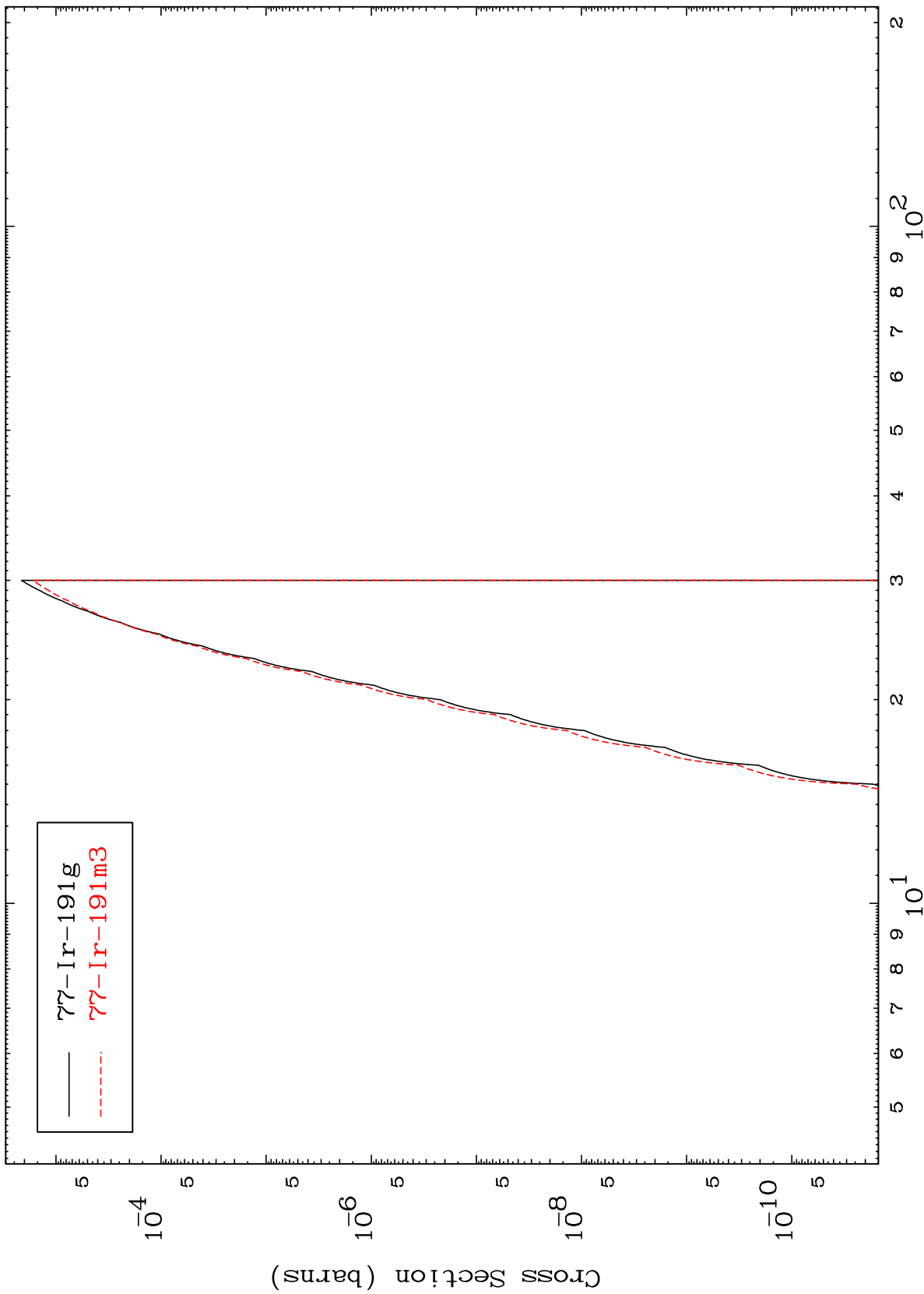


MAT 7924

$^{79}\text{Au-196n}$

$(n,2n) \alpha$

Radionuclide Production Cross Section



28

Incident Energy (MeV)

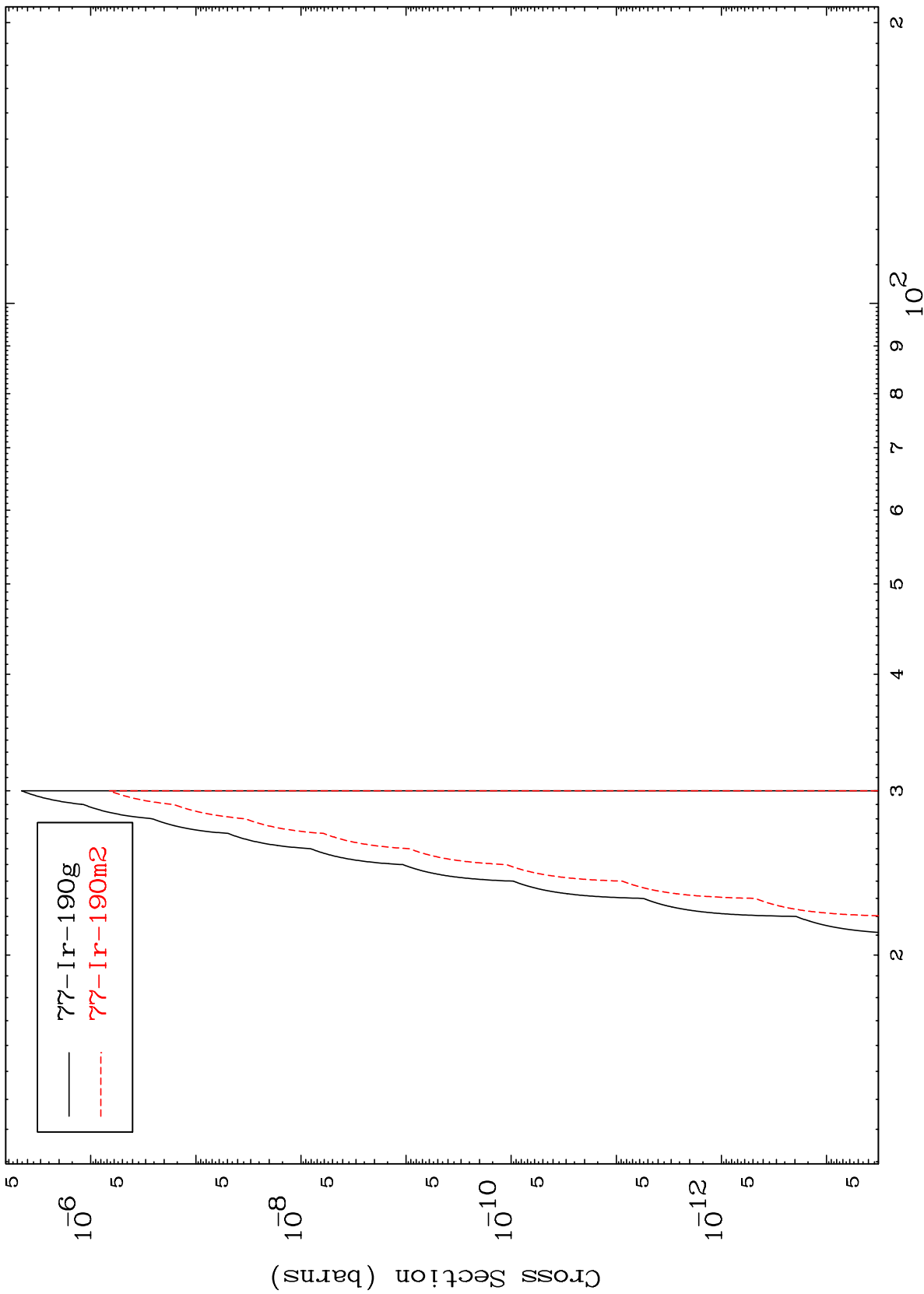
$^{79}\text{Au-196n}$

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$(n,3n) \alpha$

$^{79}\text{Au}-196n$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{79}\text{Au}-196n$

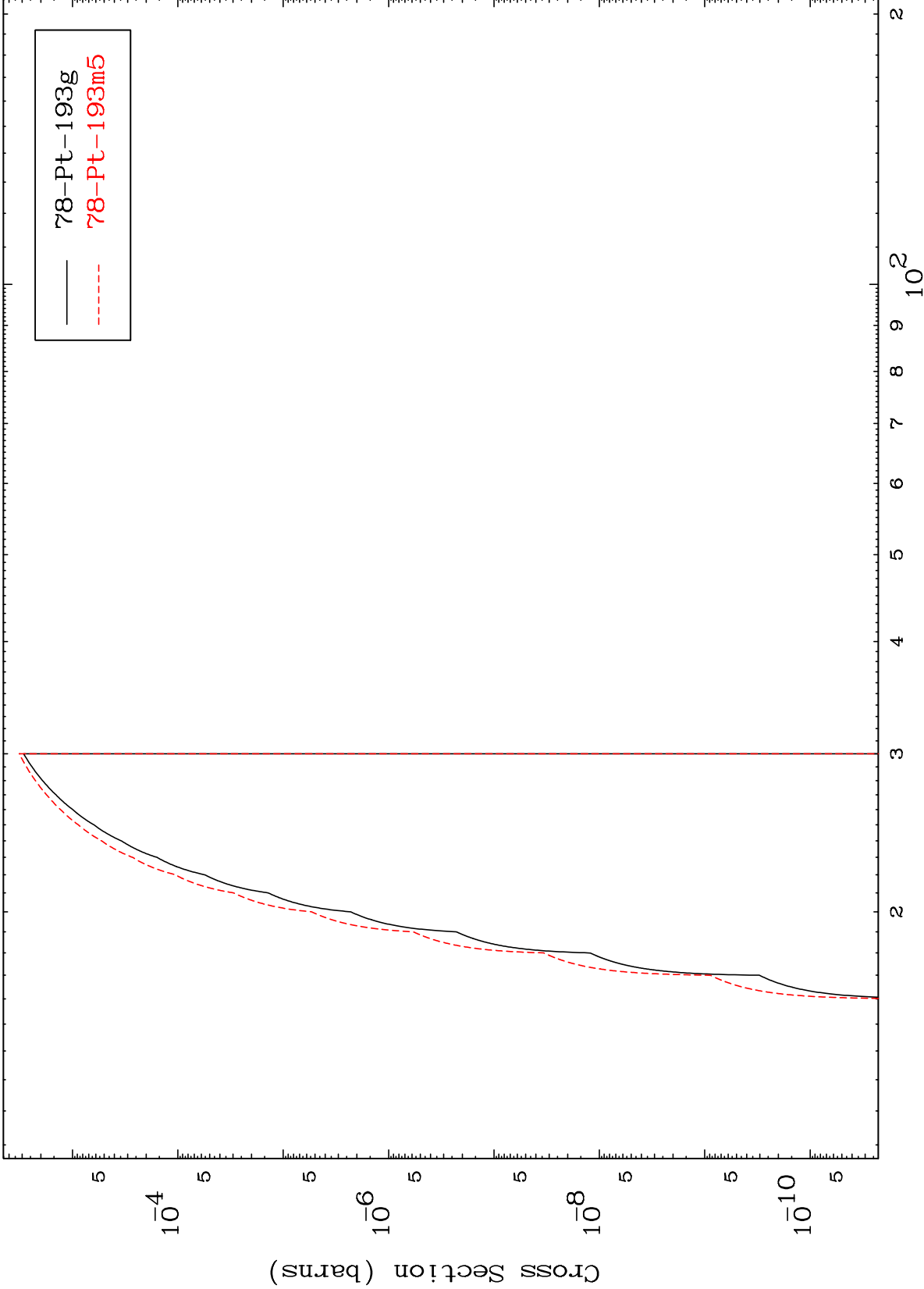
29

MAT 7924

(n,n') t

⁷⁹Au-196n

Radionuclide Production Cross Section



30

Incident Energy (MeV)

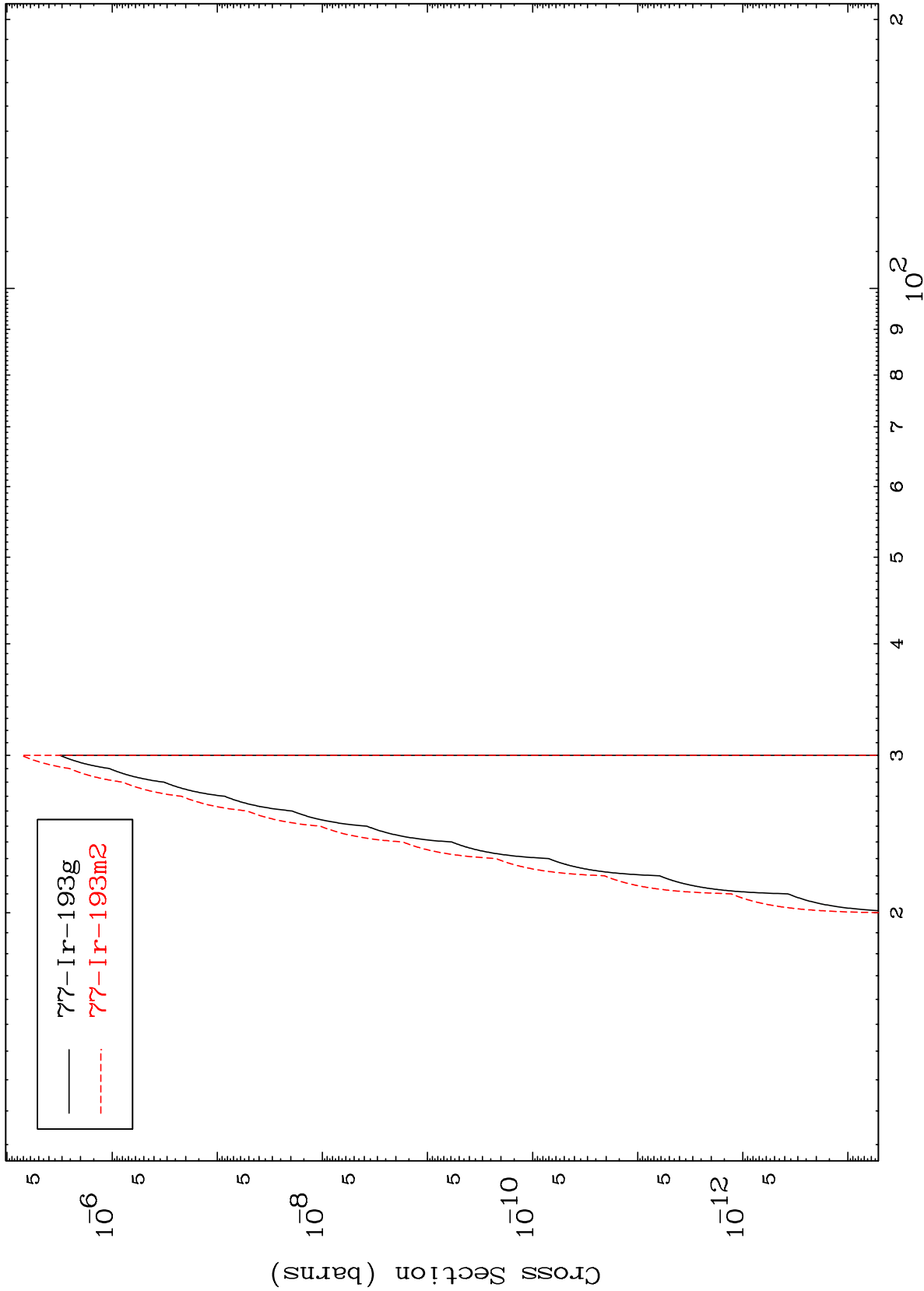
⁷⁹Au-196n

MAT 7924

(n,n') He-3

79-Au-196n

Radionuclide Production Cross Section

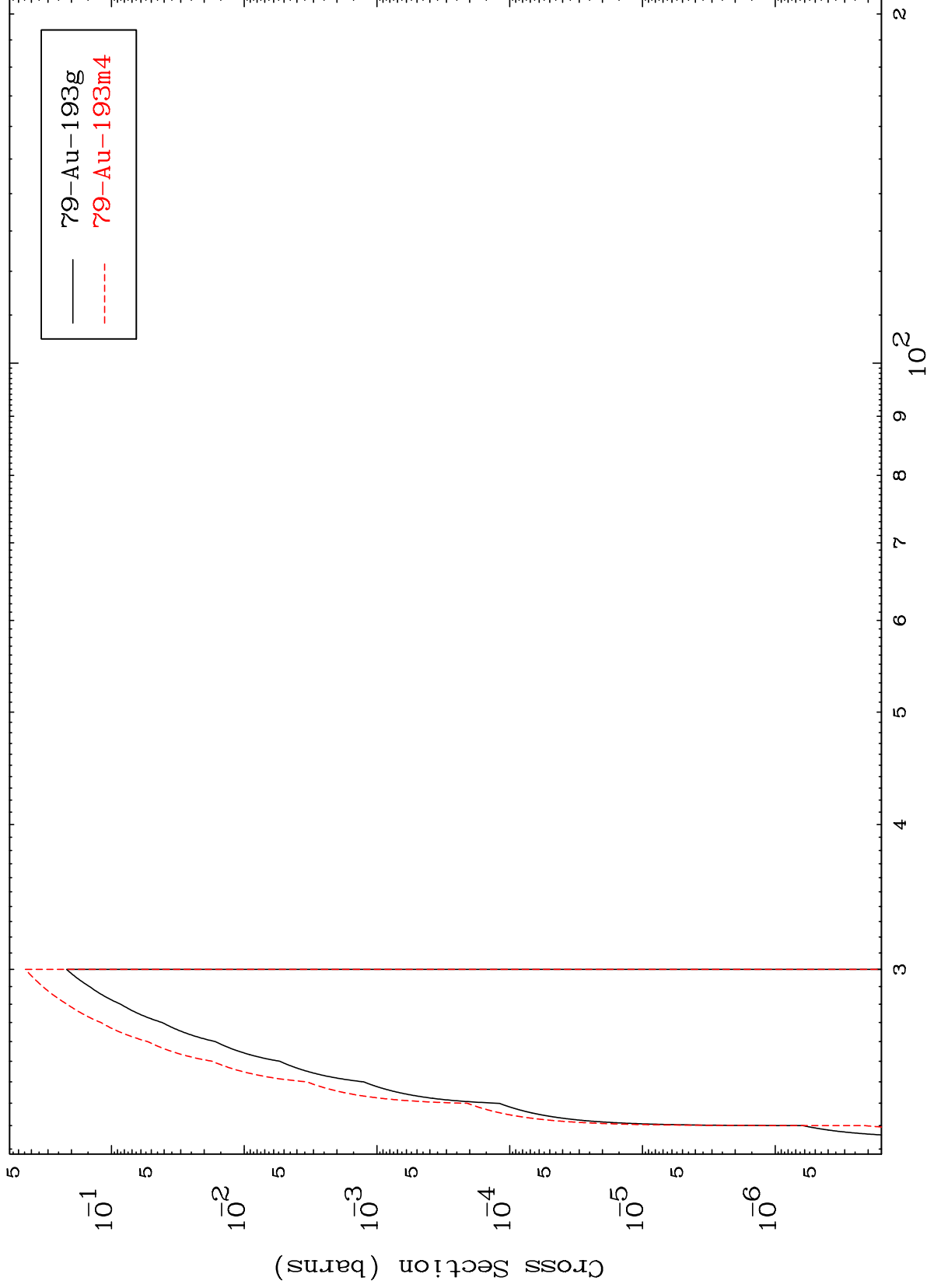


MAT 7924

(n,4n)

⁷⁹Au-196n

Radionuclide Production Cross Section



32

Incident Energy (MeV)

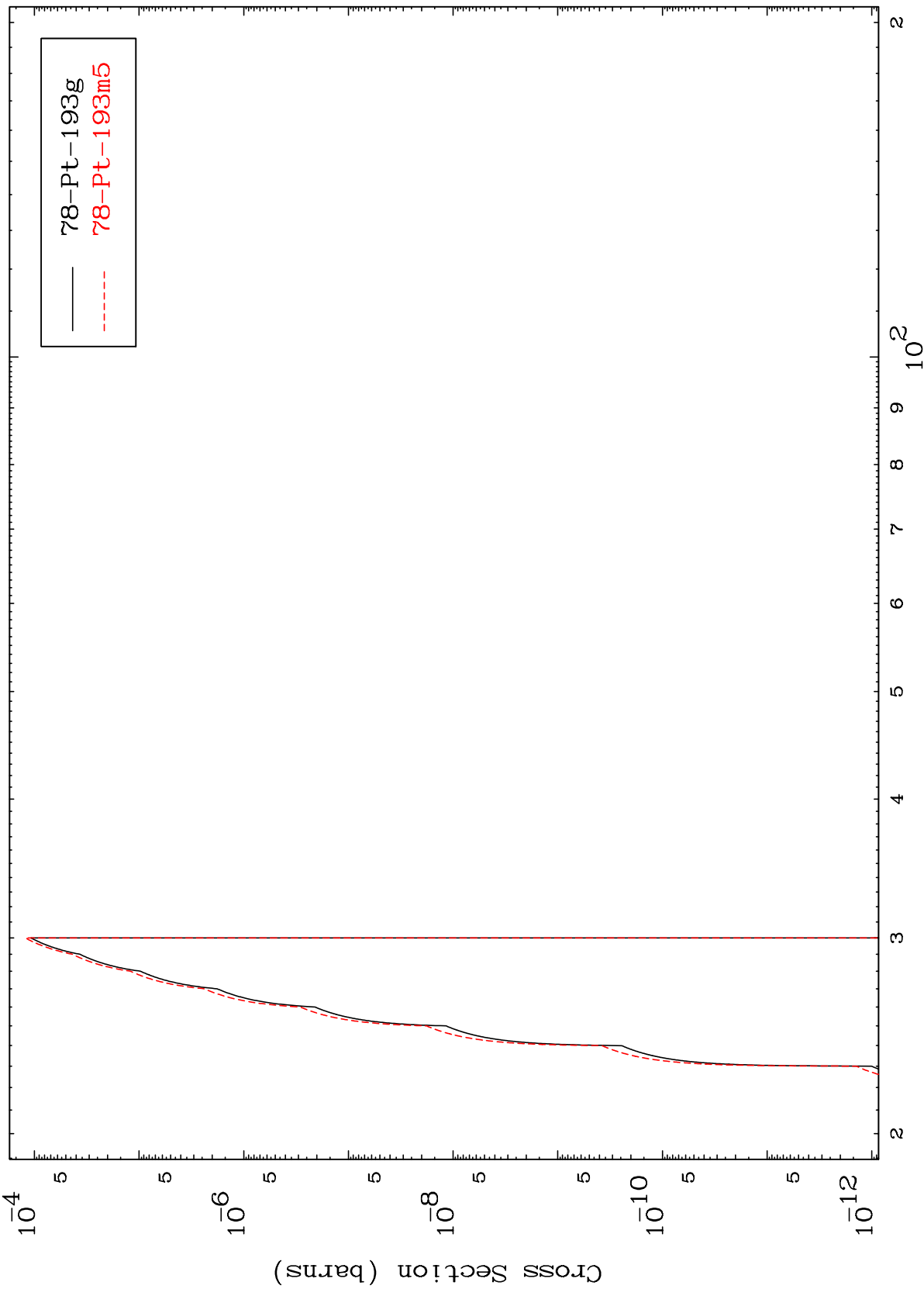
⁷⁹Au-196n

MAT 7924

(n,3n) p

⁷⁹Au-196n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-196n

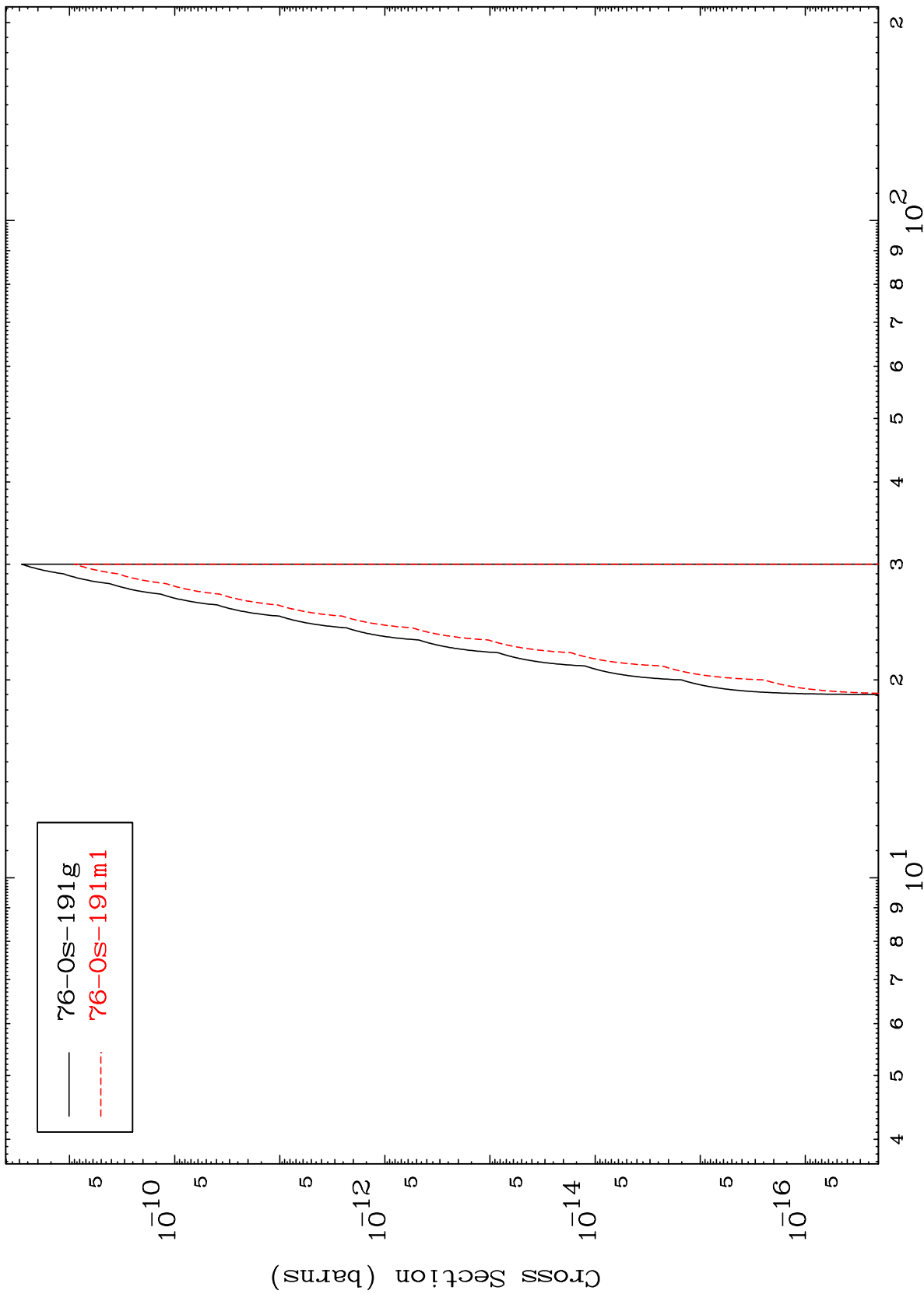
33

MAT 7924

(n,n') p α

⁷⁹Au-196n

Radionuclide Production Cross Section



— 76-Os-191g
- - - 76-Os-191m1

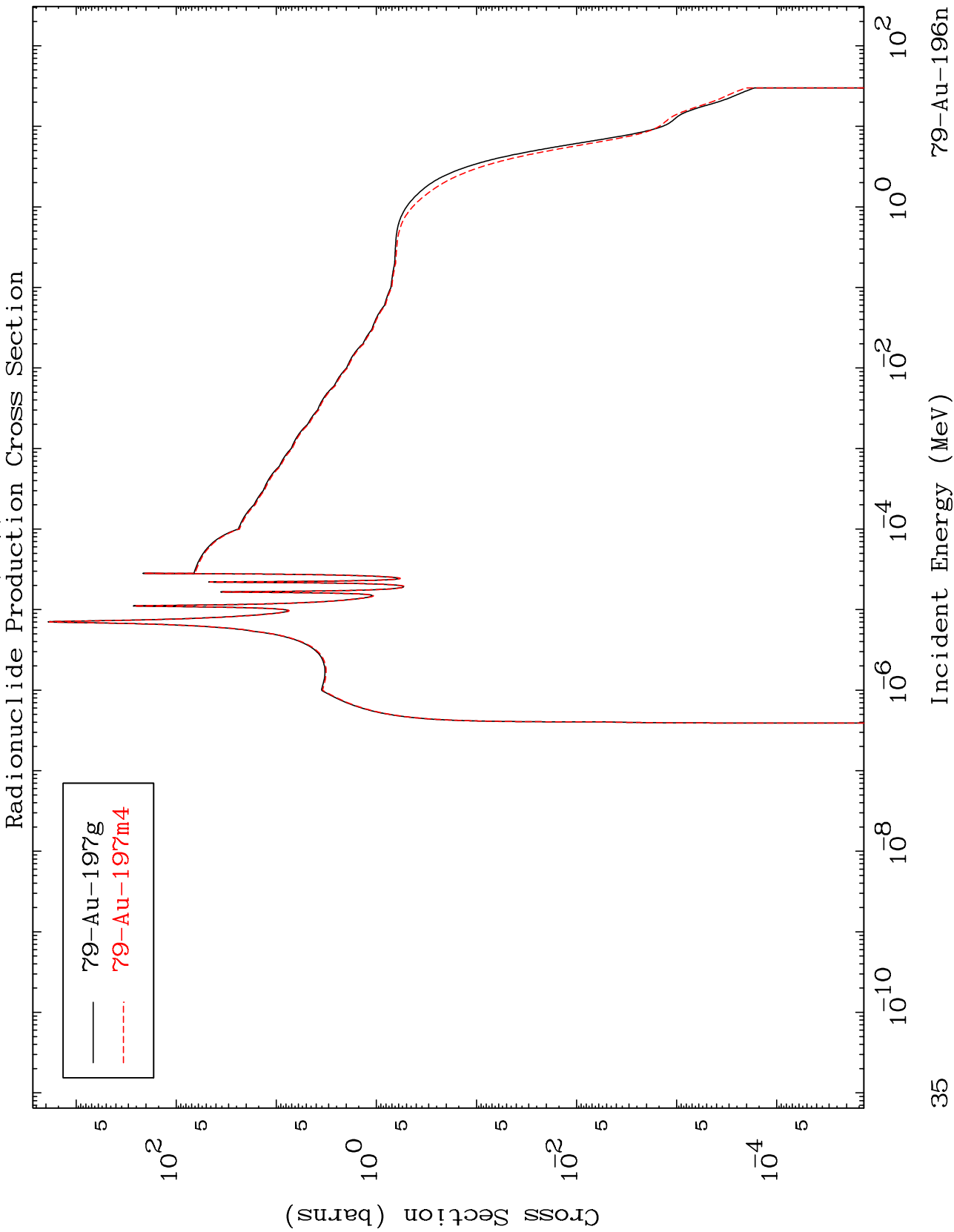
Incident Energy (MeV)

⁷⁹Au-196n

34

MAT 7924

⁷⁹Au-196n

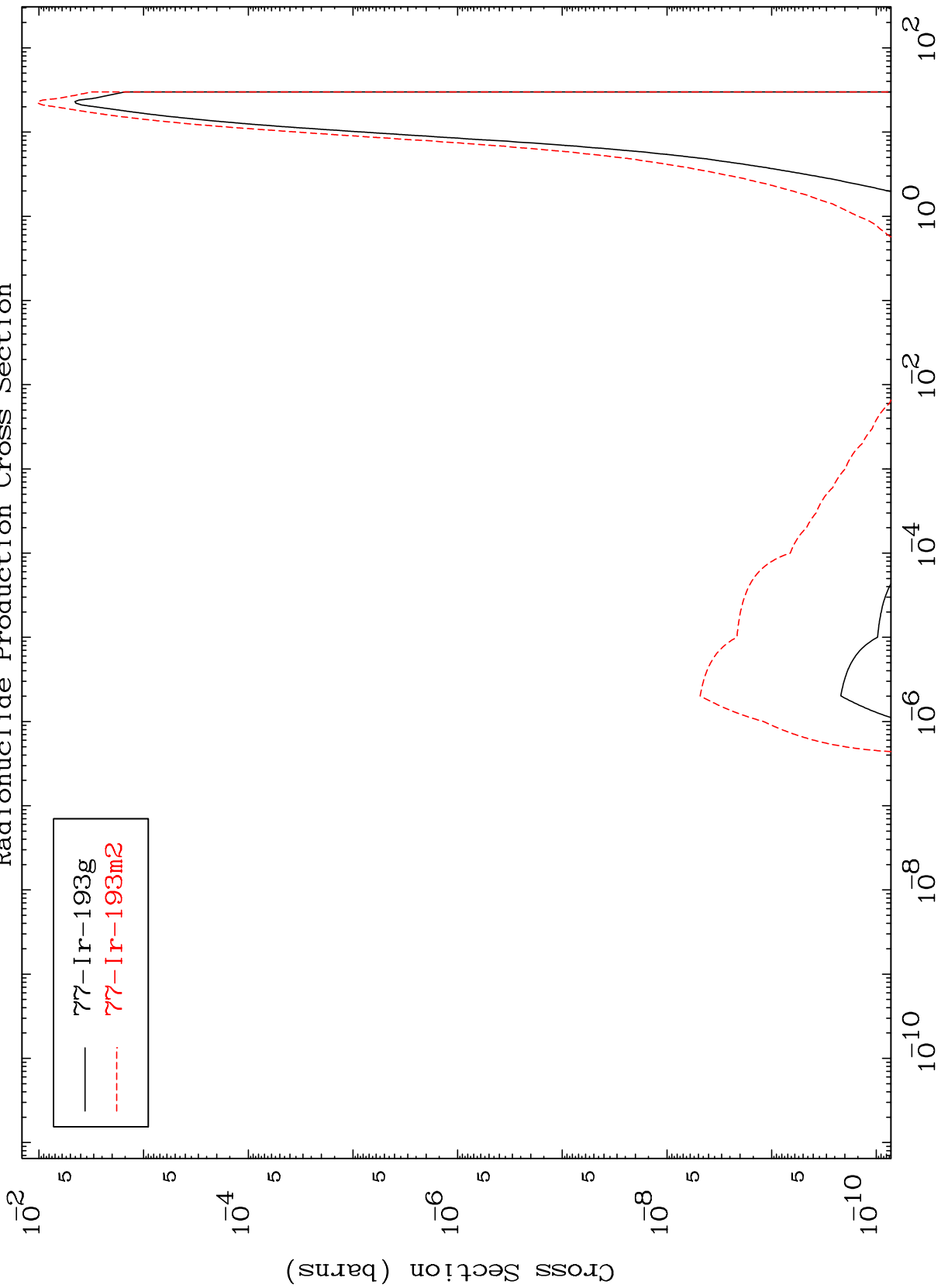


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(n, α)

$^{79}\text{Au}-196\text{n}$

Radionuclide Production Cross Section



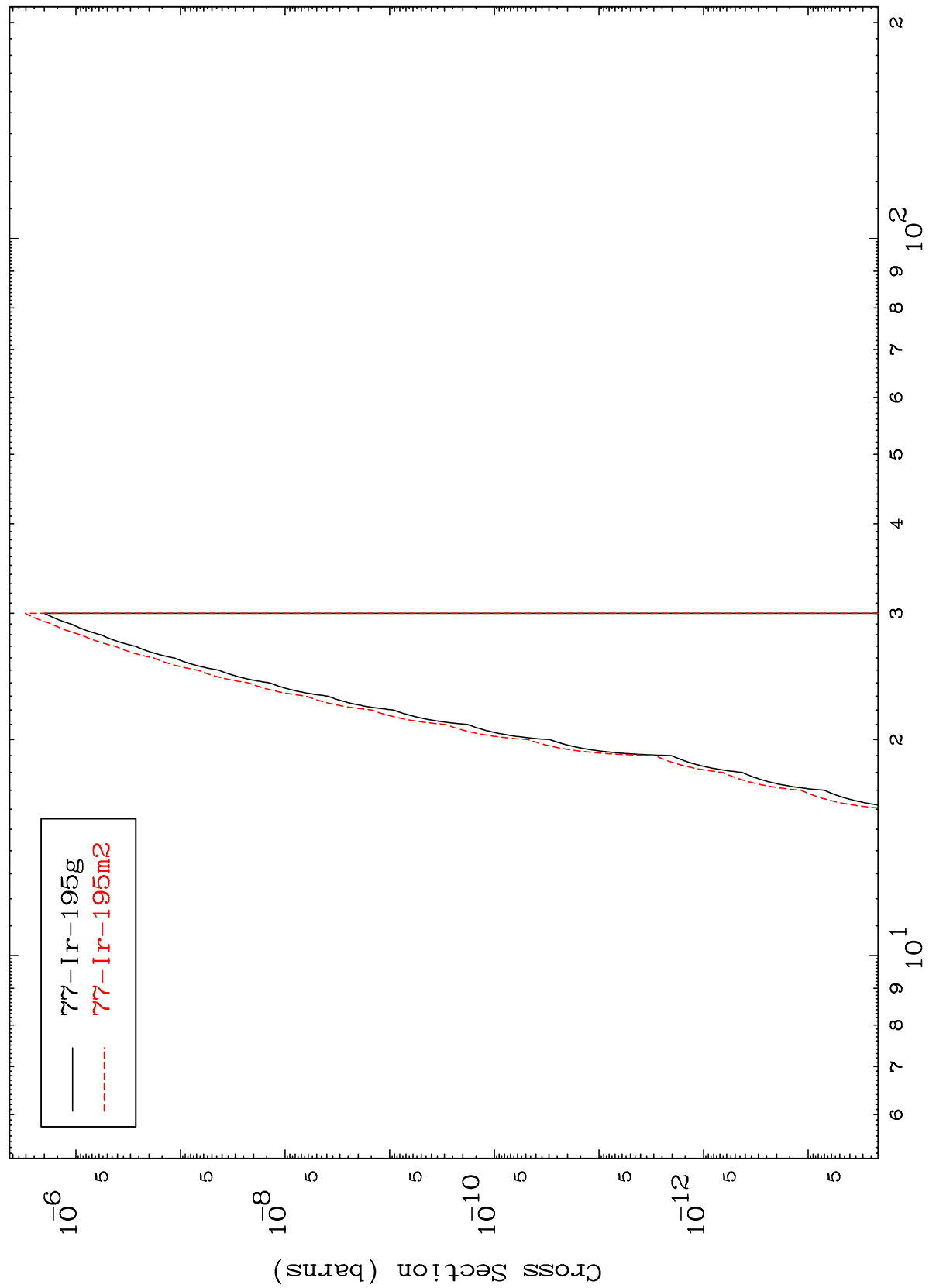
Incident Energy (MeV)

$^{79}\text{Au}-196\text{n}$

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⁷⁹Au-196n

(n,2p)
Radionuclide Production Cross Section



37

⁷⁹Au-196n

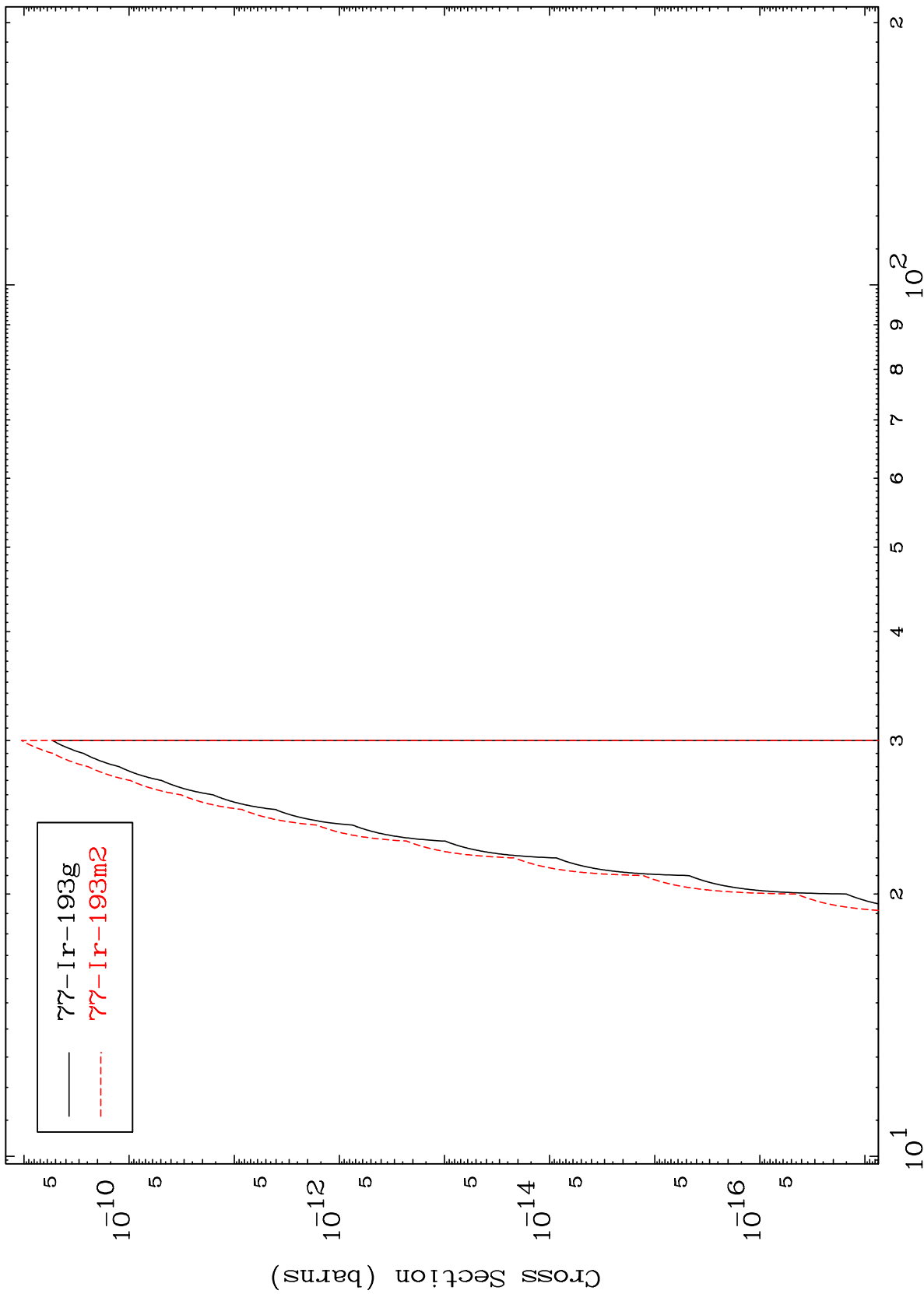
Incident Energy (MeV)

MAT 7924

(n,p) t

⁷⁹Au-196n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-196n

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