

Program EVALPLOT
(Version 2021-1)

by

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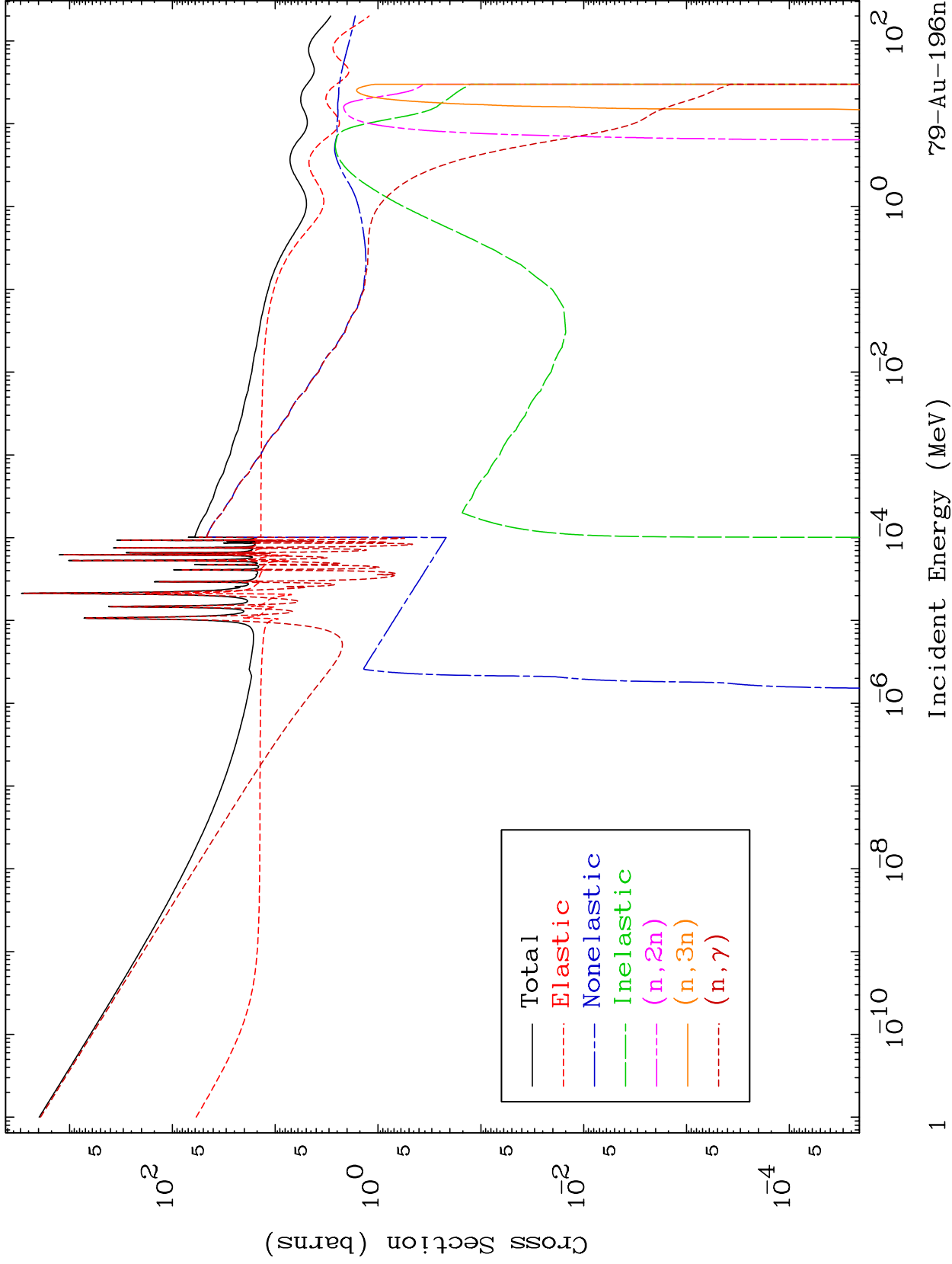
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Press Mouse Button to Start

MAT 7924

Neutron Major
293 Kelvin Cross Sections

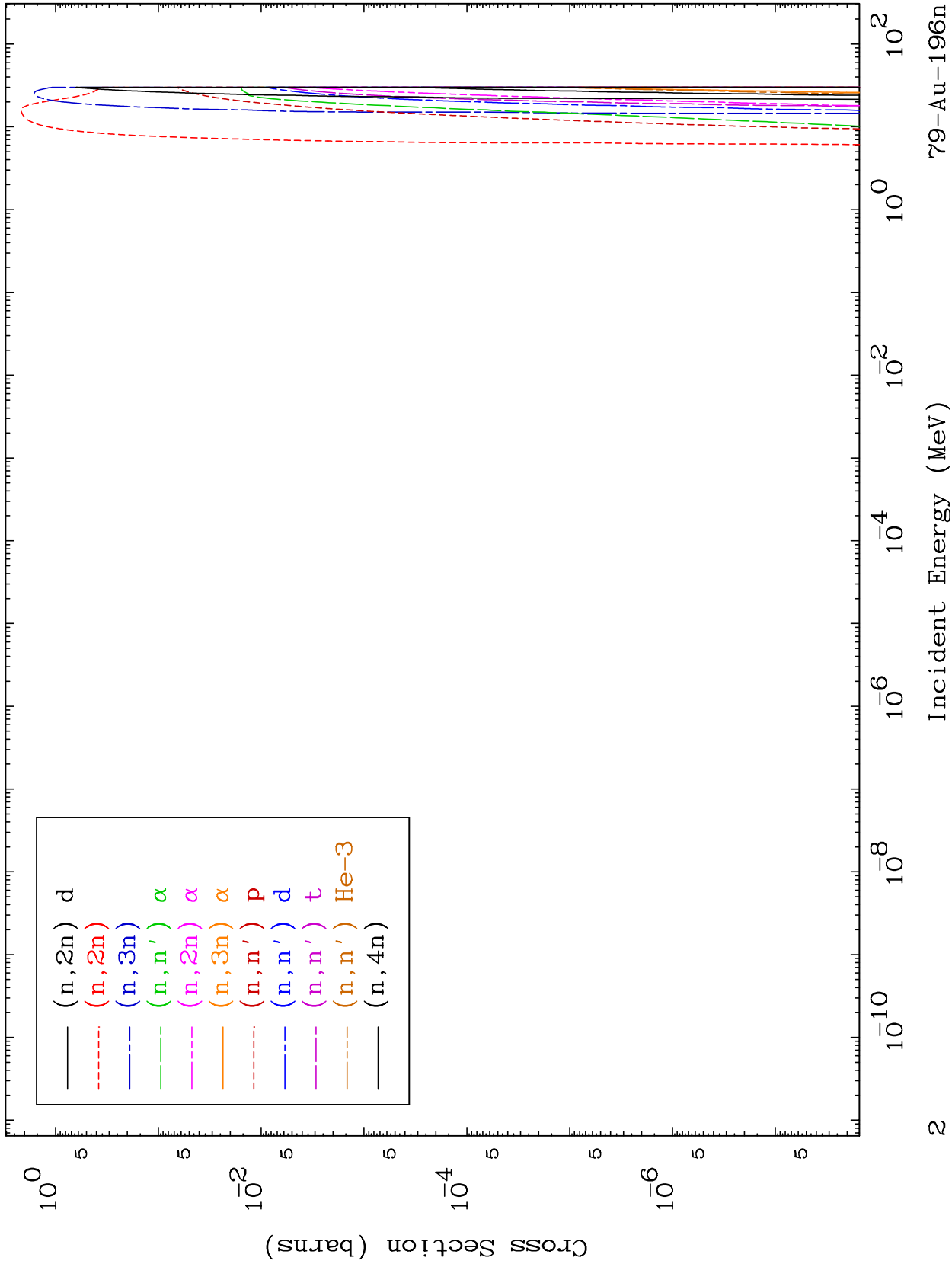
79-Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

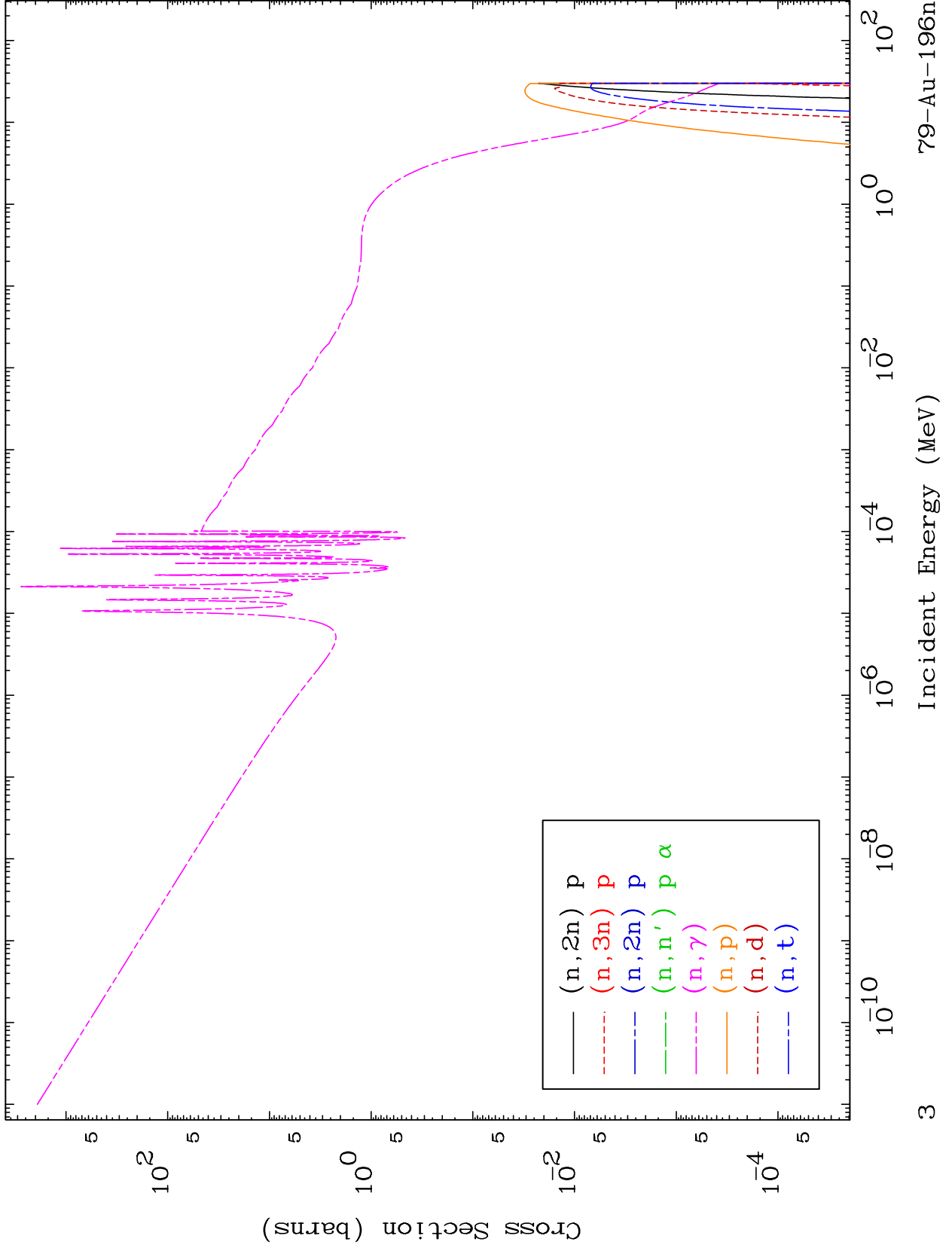
79-Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

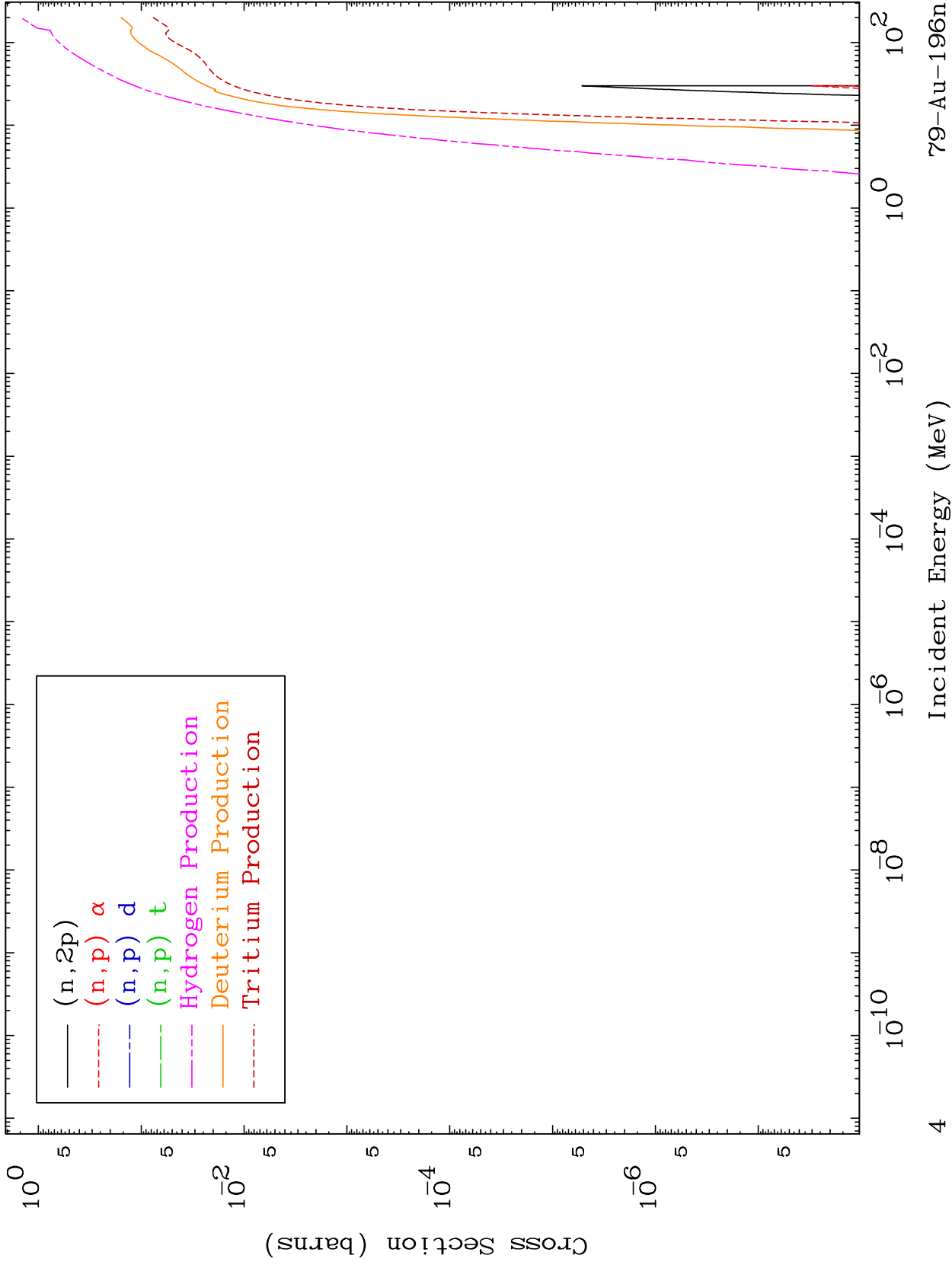
⁷⁹Au-196n



MAT 7924

Neutron Absorption
293 Kelvin Cross Sections

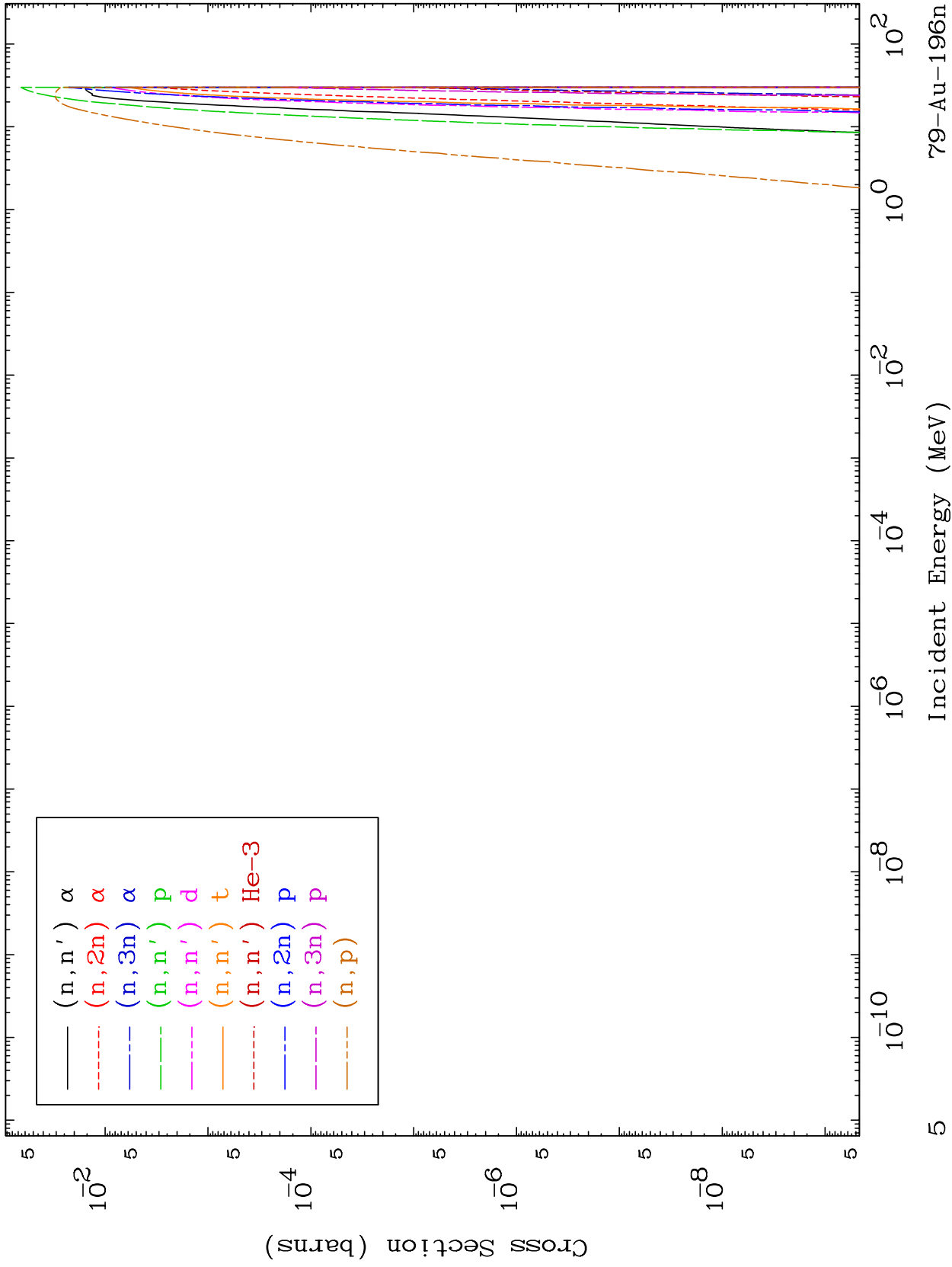
⁷⁹Au-196n



MAT 7924

Charged Particle
293 Kelvin Cross Sections

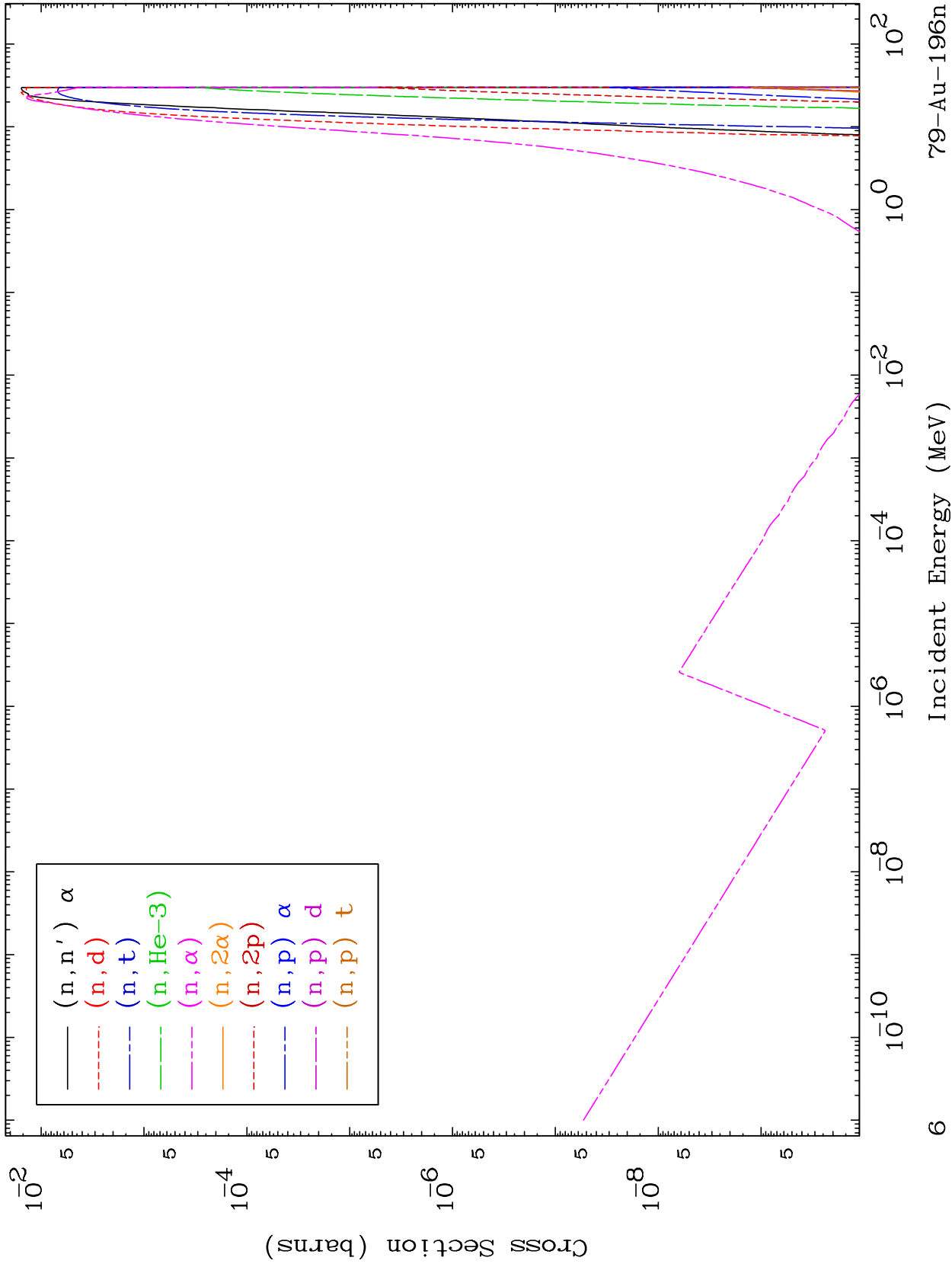
79-Au-196n



MAT 7924

Charged Particle
293 Kelvin Cross Sections

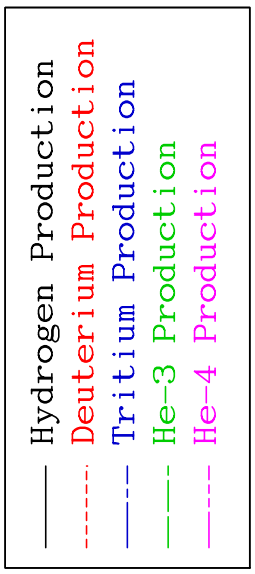
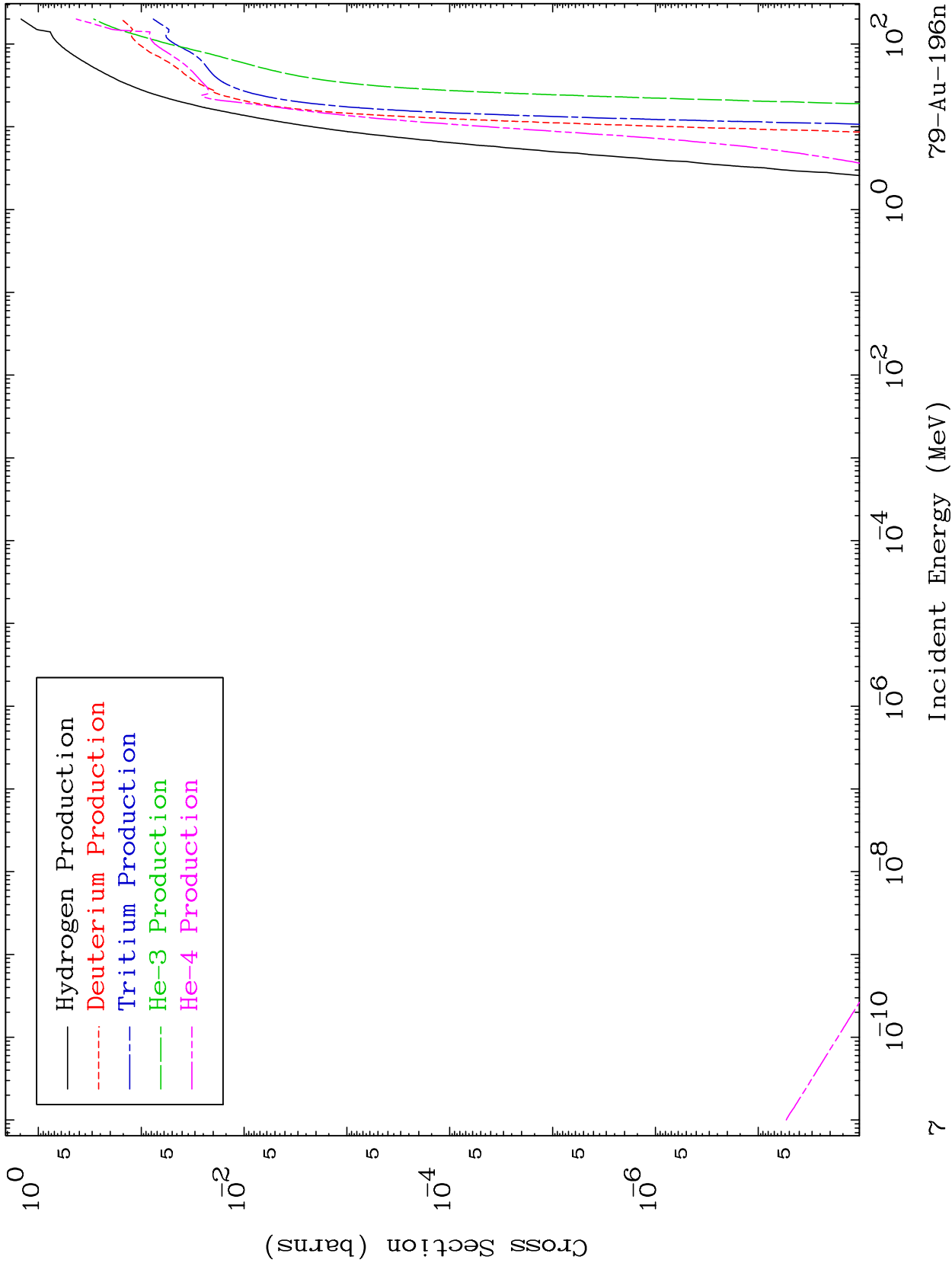
⁷⁹Au-196n



MAT 7924

Particle Production
293 Kelvin Cross Sections

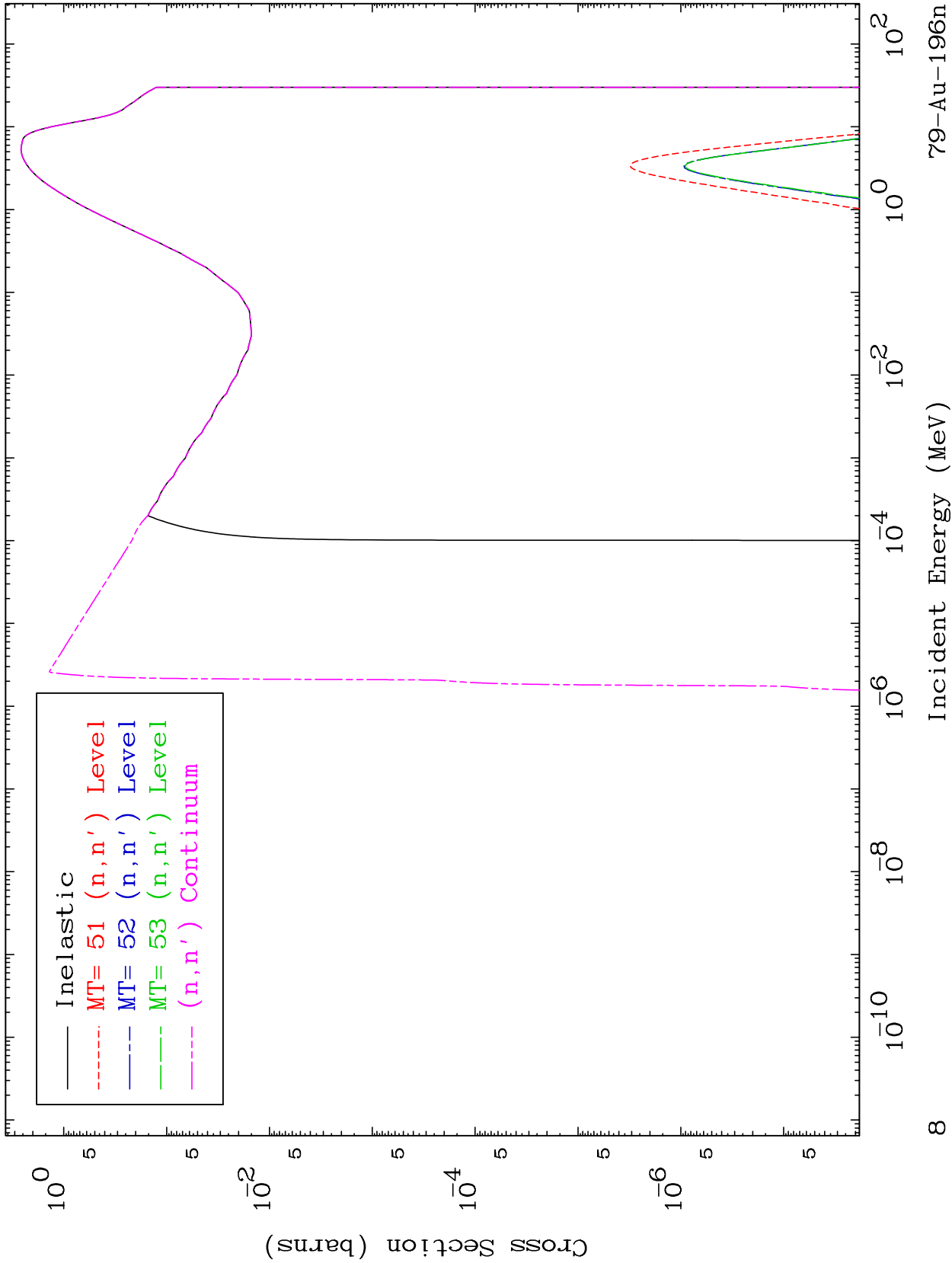
79-Au-196n



MAT 7924

(n,n') Levels
293 Kelvin Cross Sections

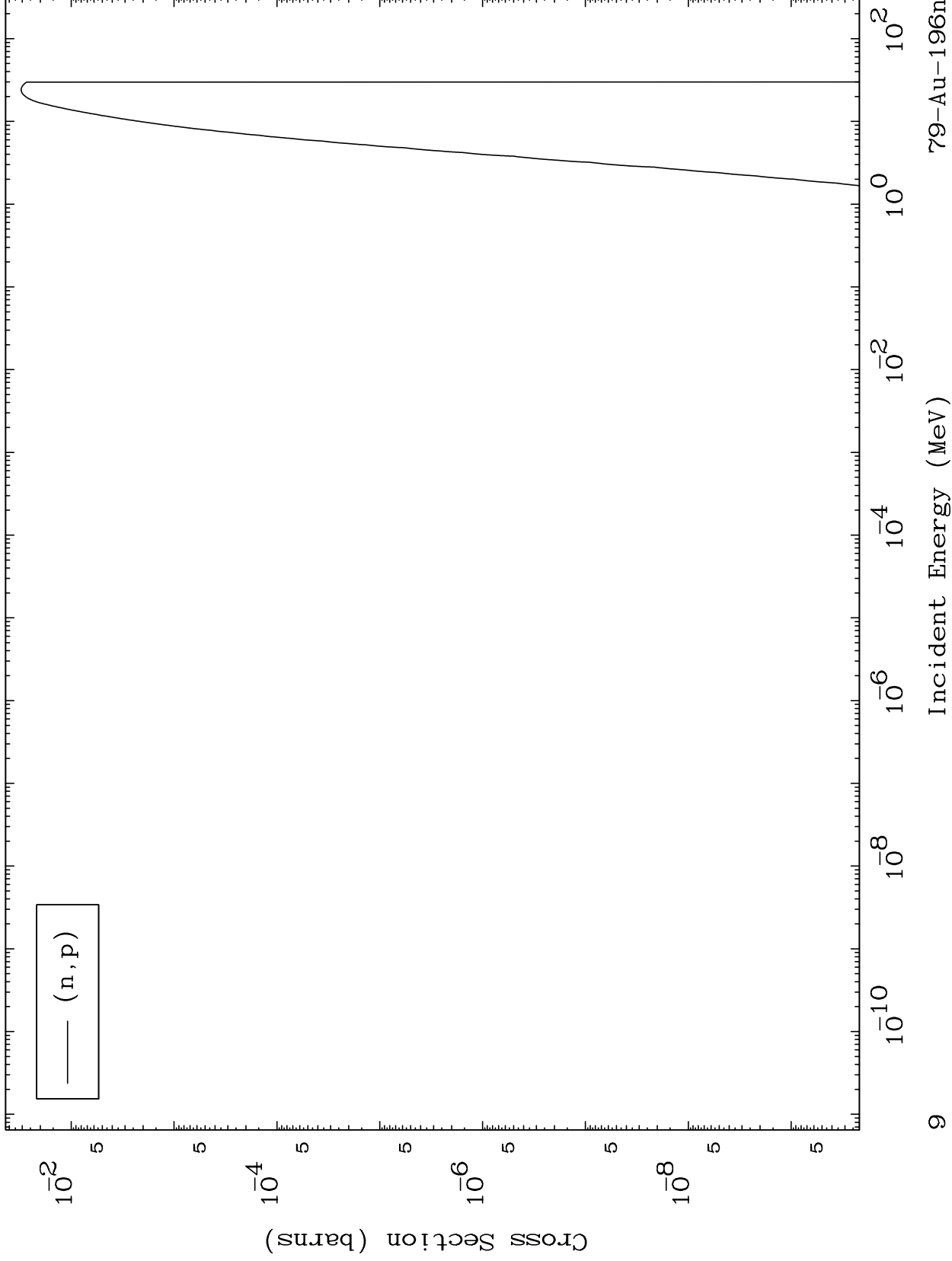
79-Au-196n



MAT 7924

(n,p) Levels
293 Kelvin Cross Sections

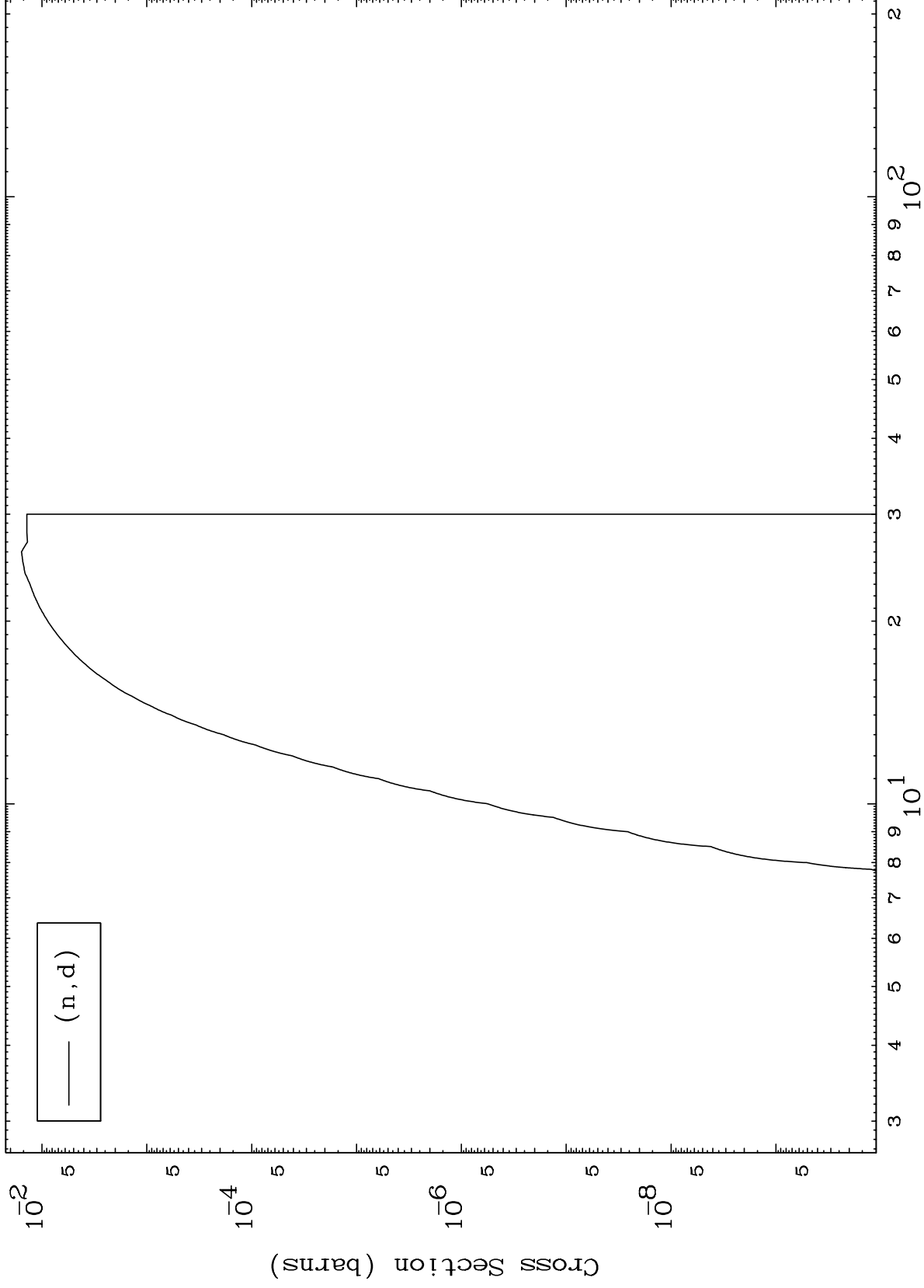
⁷⁹Au-196n



MAT 7924

(n,d) Levels
293 Kelvin Cross Sections

79-Au-196n



(n,d)

79-Au-196n

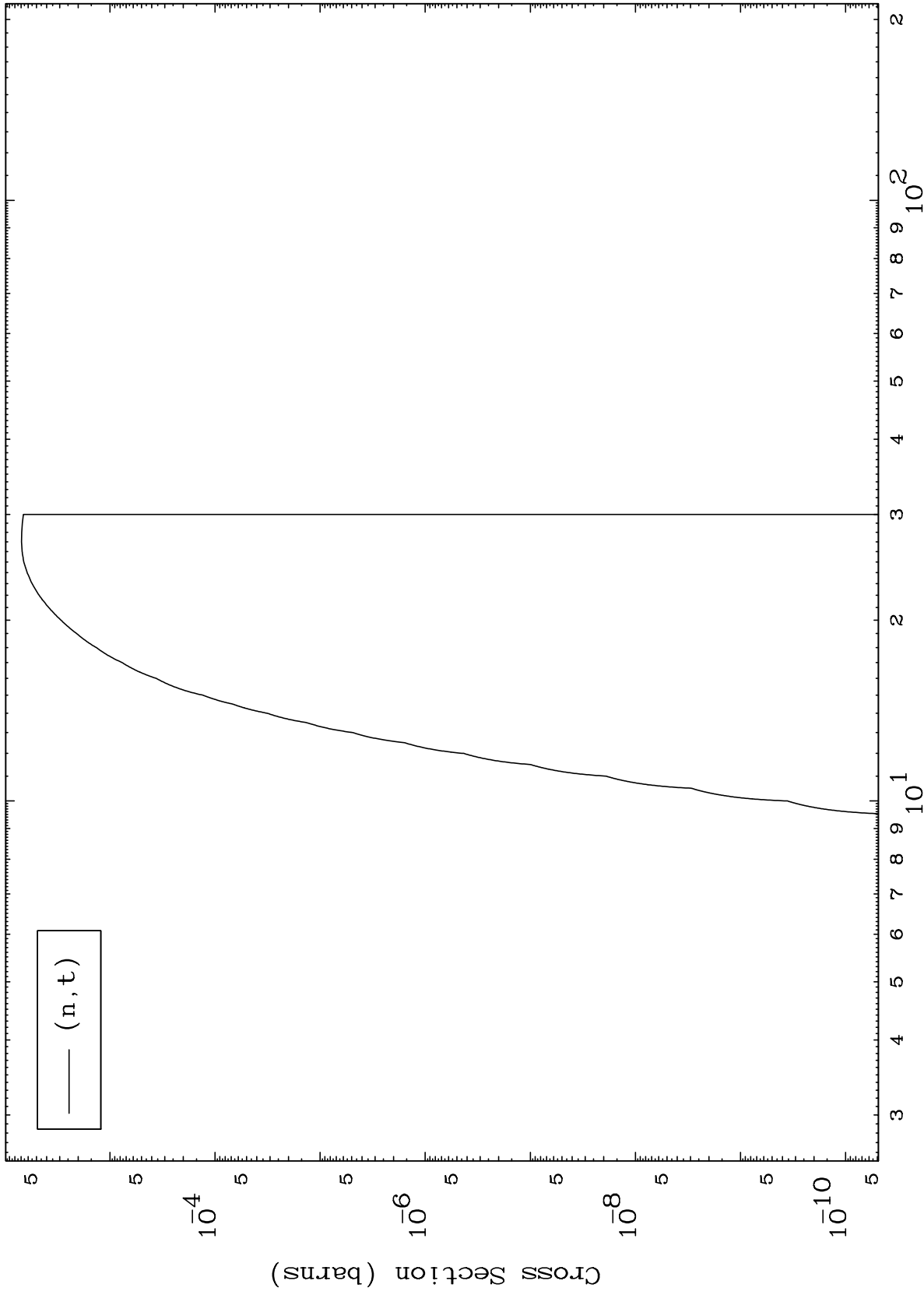
Incident Energy (MeV)

10

MAT 7924

(n,t) Levels
293 Kelvin Cross Sections

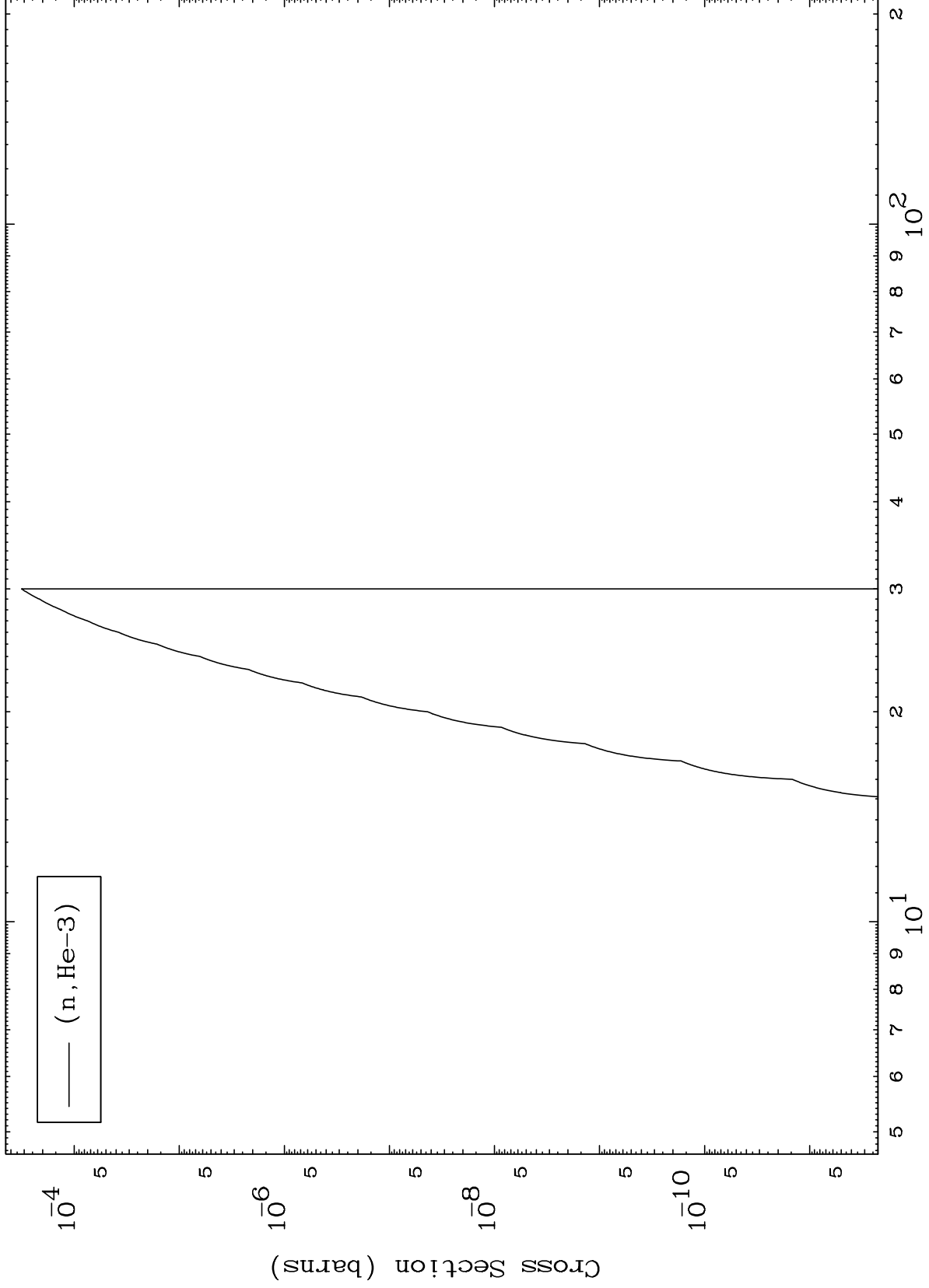
79-Au-196n



MAT 7924

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-196n



12

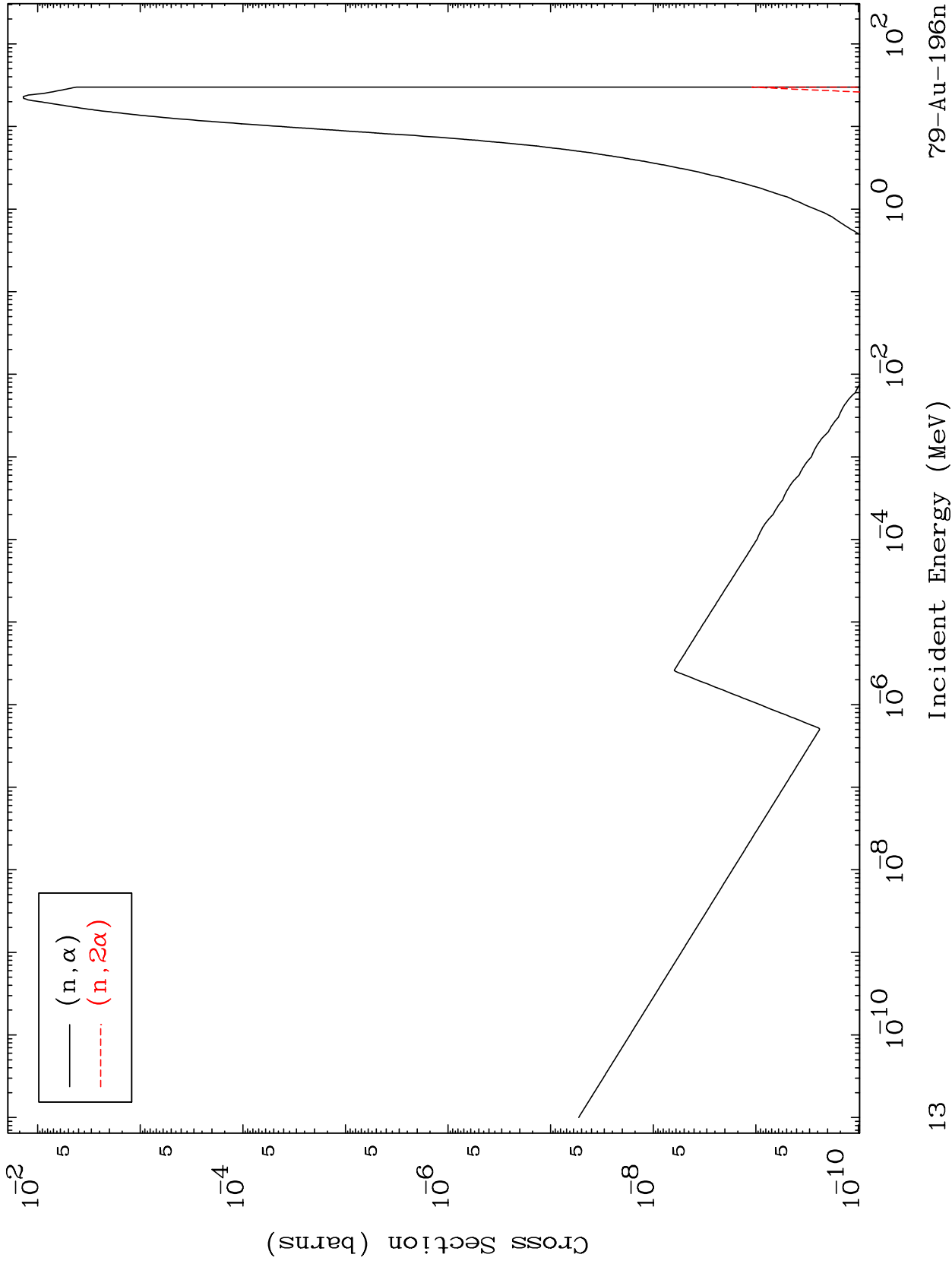
Incident Energy (MeV)

79-Au-196n

MAT 7924

(n, α) Levels
293 Kelvin Cross Sections

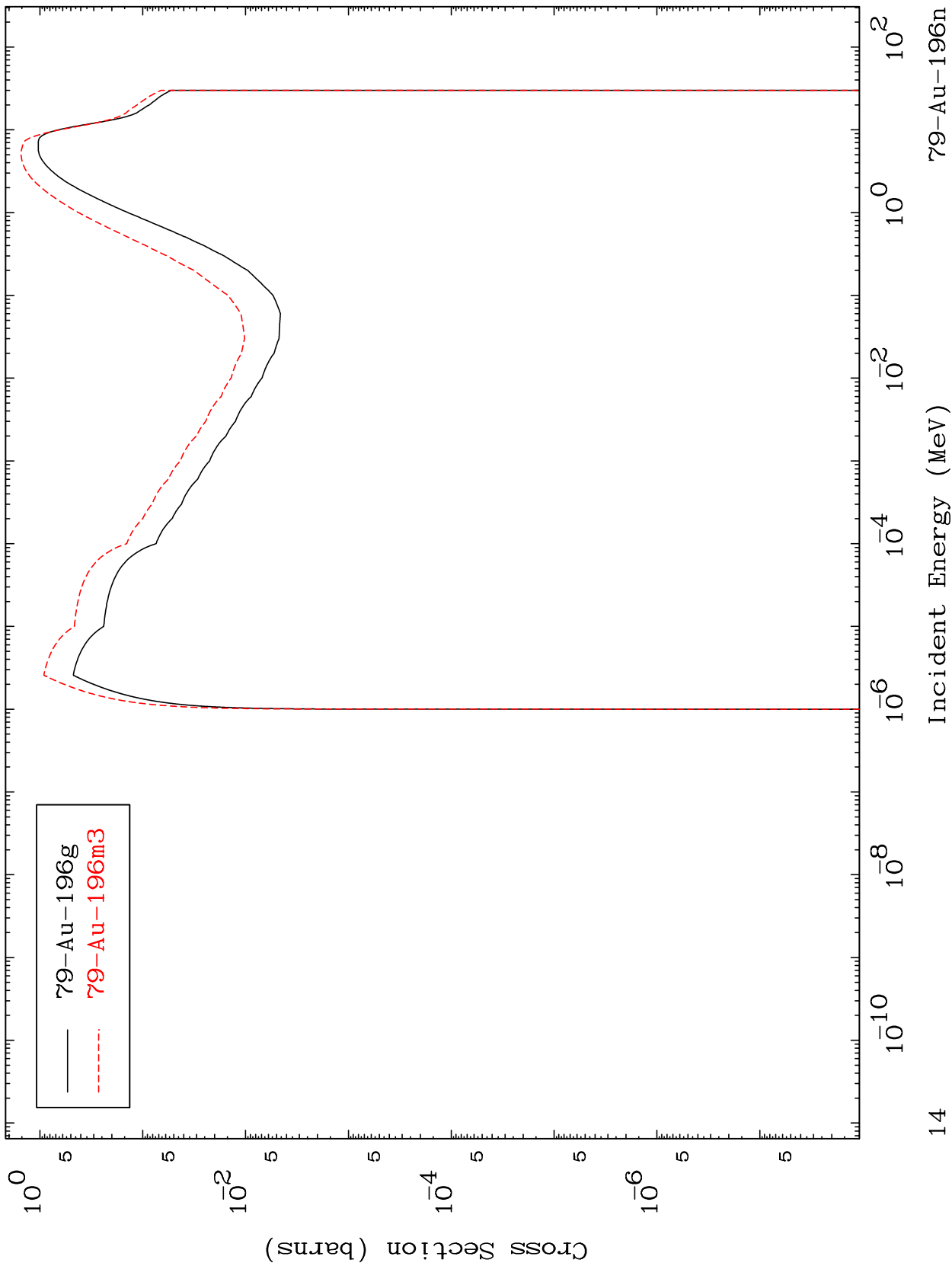
⁷⁹Au-196n



MAT 7924

⁷⁹Au-196n

Inelastic
Radionuclide Production Cross Section

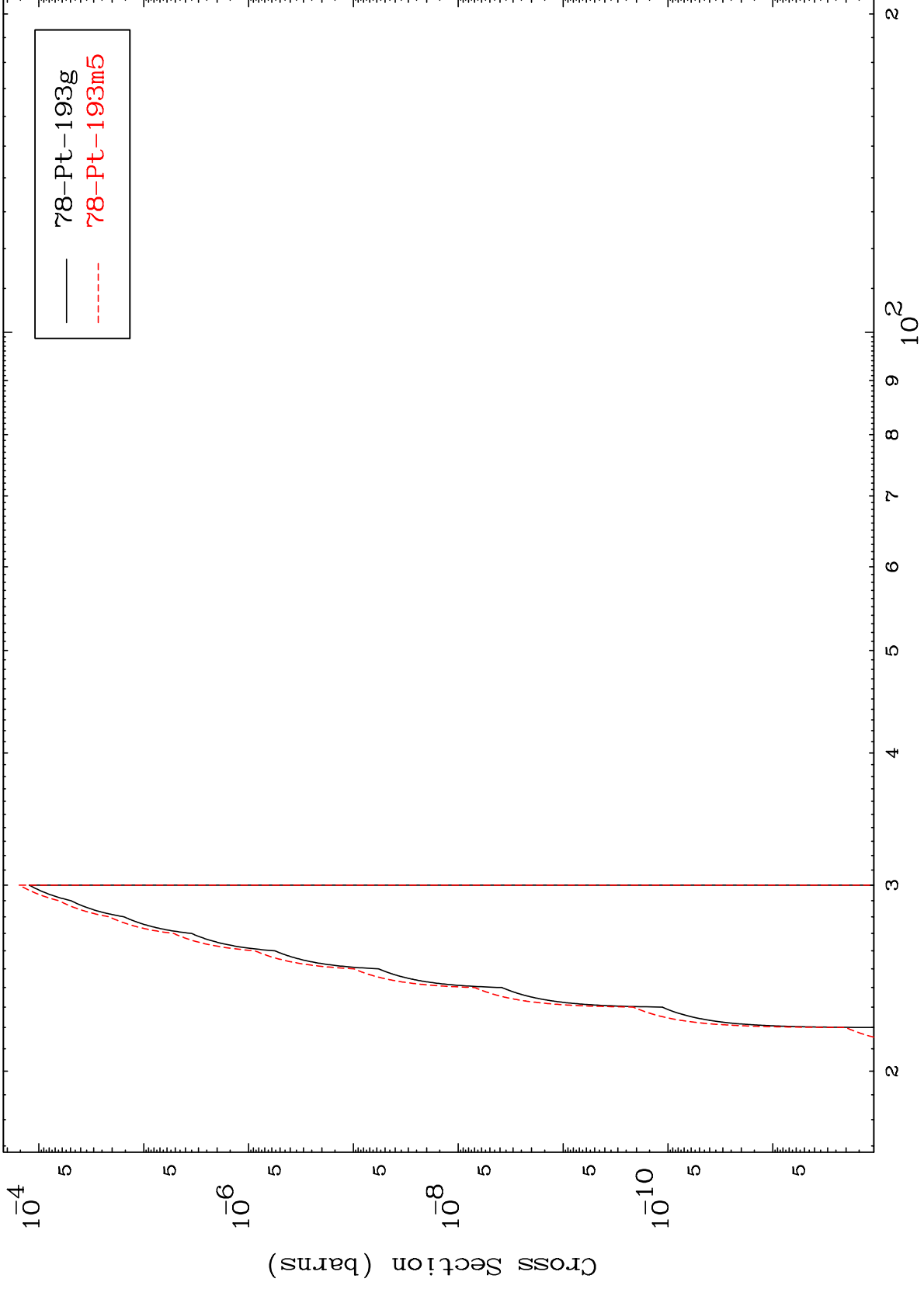


MAT 7924

(n,2n) d

79-Au-196n

Radionuclide Production Cross Section



15

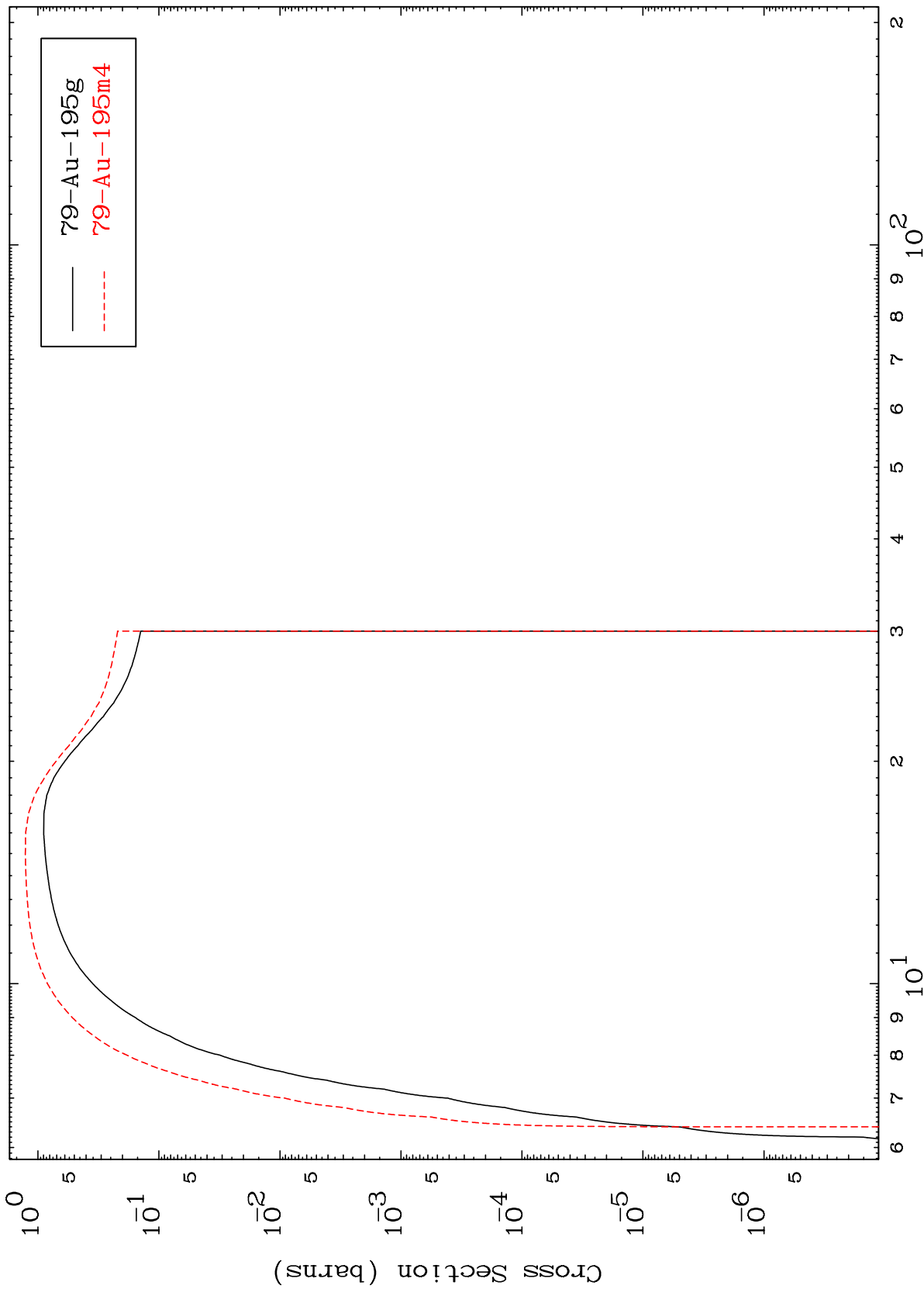
Incident Energy (MeV)

79-Au-196n

MAT 7924

⁷⁹Au-196n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-196n

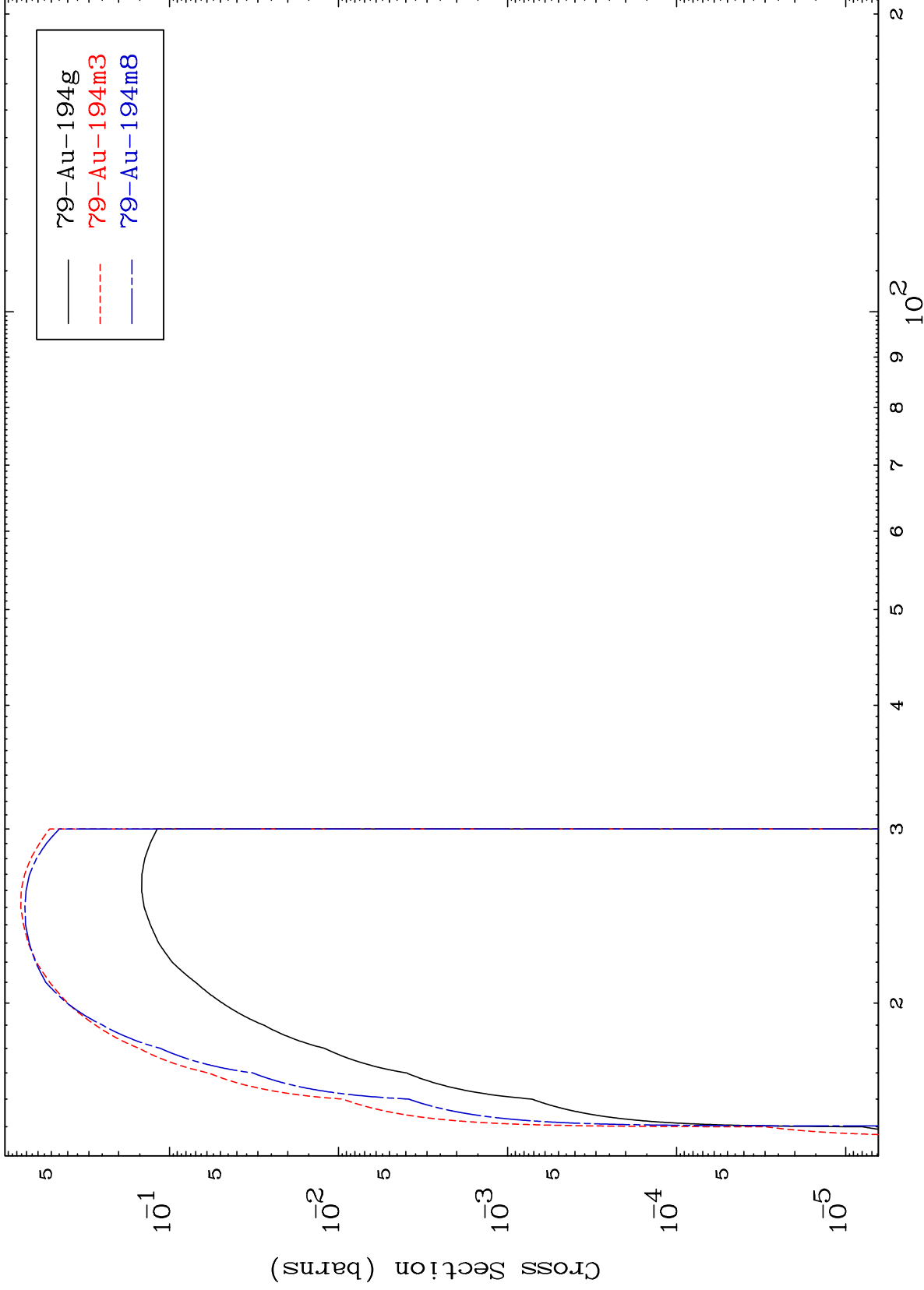
16

MAT 7924

(n,3n)

⁷⁹Au-196n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

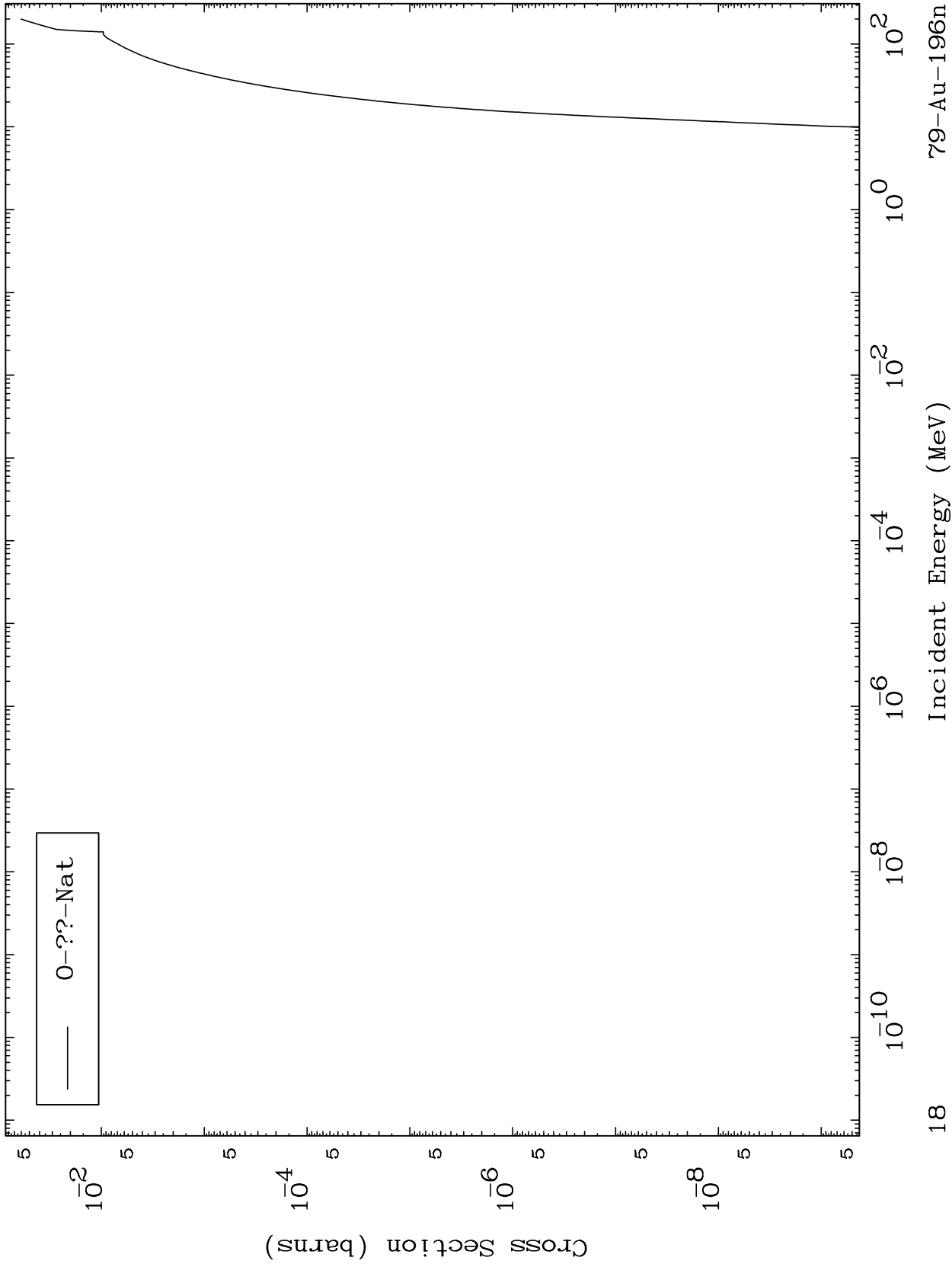
⁷⁹Au-196n

MAT 7924

Fission

⁷⁹Au-196n

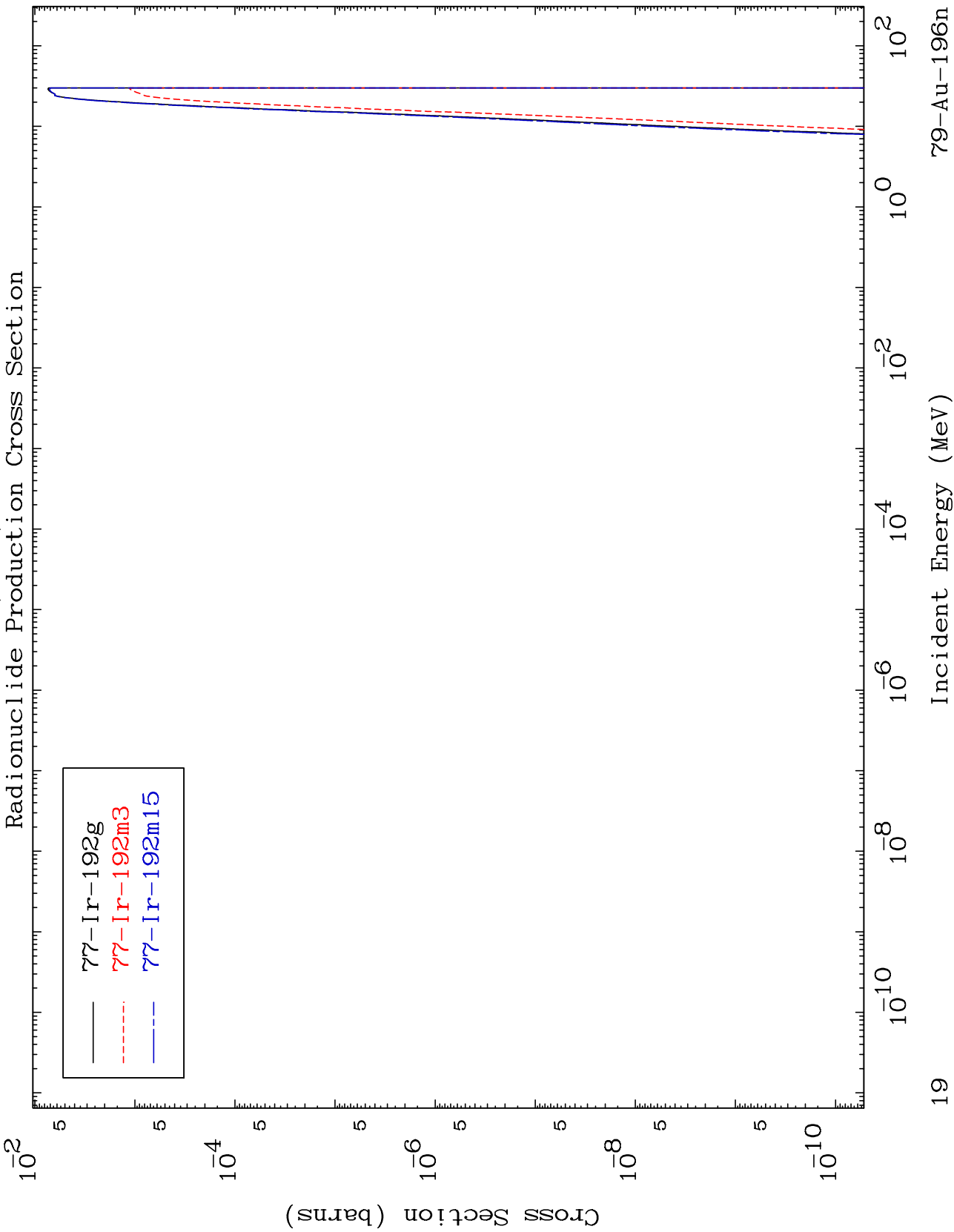
Radionuclide Production Cross Section



MAT 7924

$(n, n') \alpha$

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

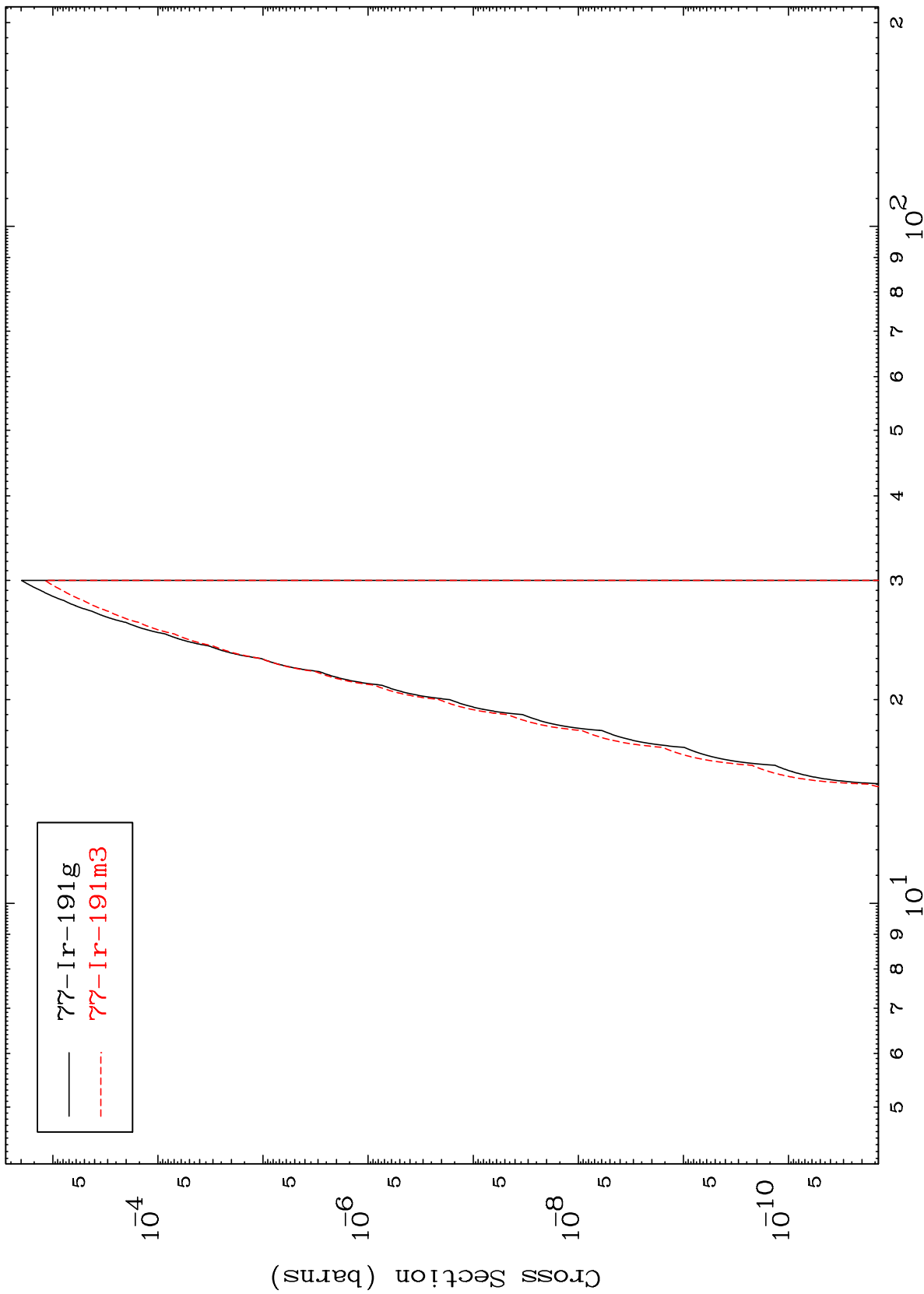


MAT 7924

⁷⁹Au-196n

(n,2n) α

Radionuclide Production Cross Section

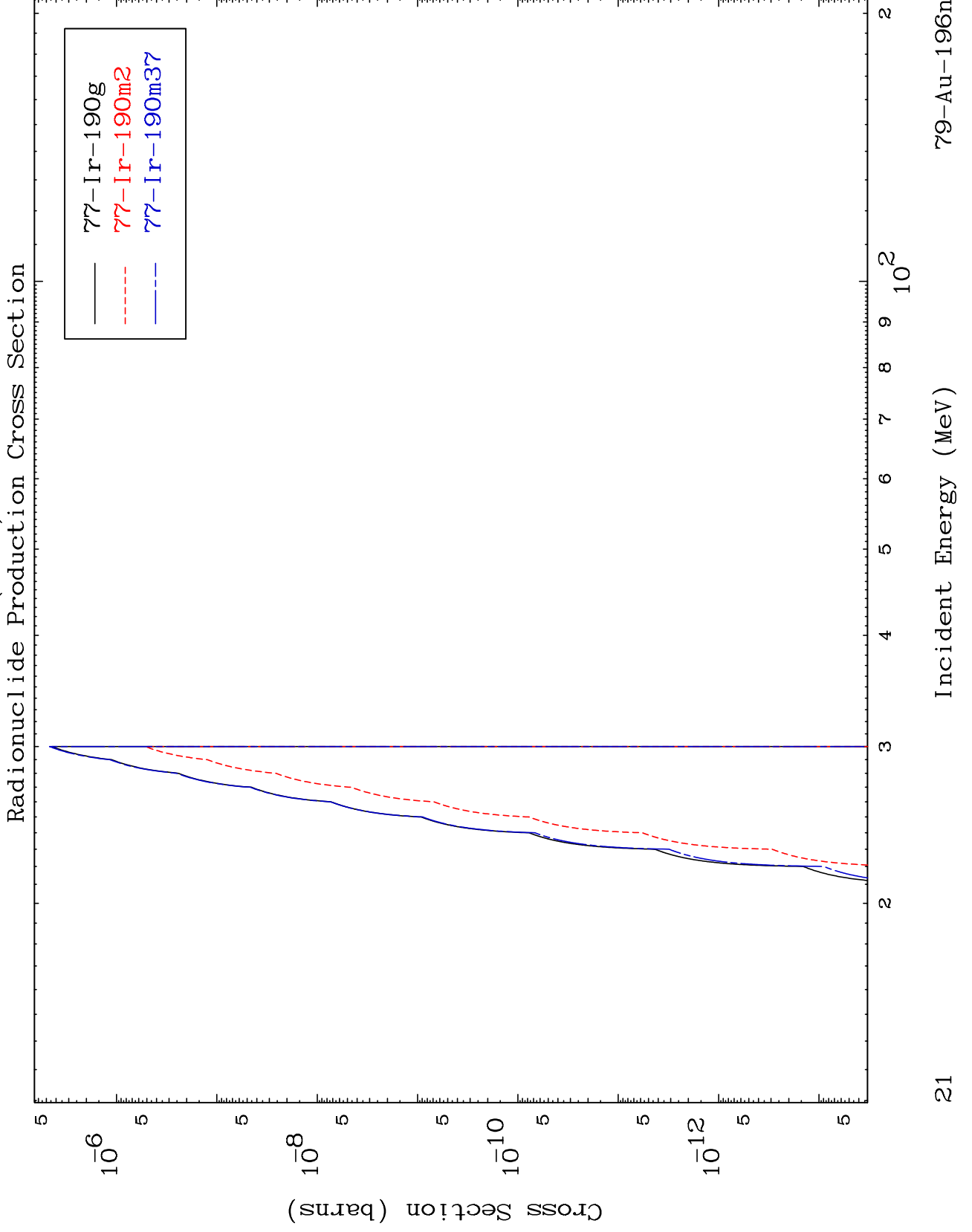


77-Ir-191g
77-Ir-191m3

⁷⁹Au-196n

Incident Energy (MeV)

20

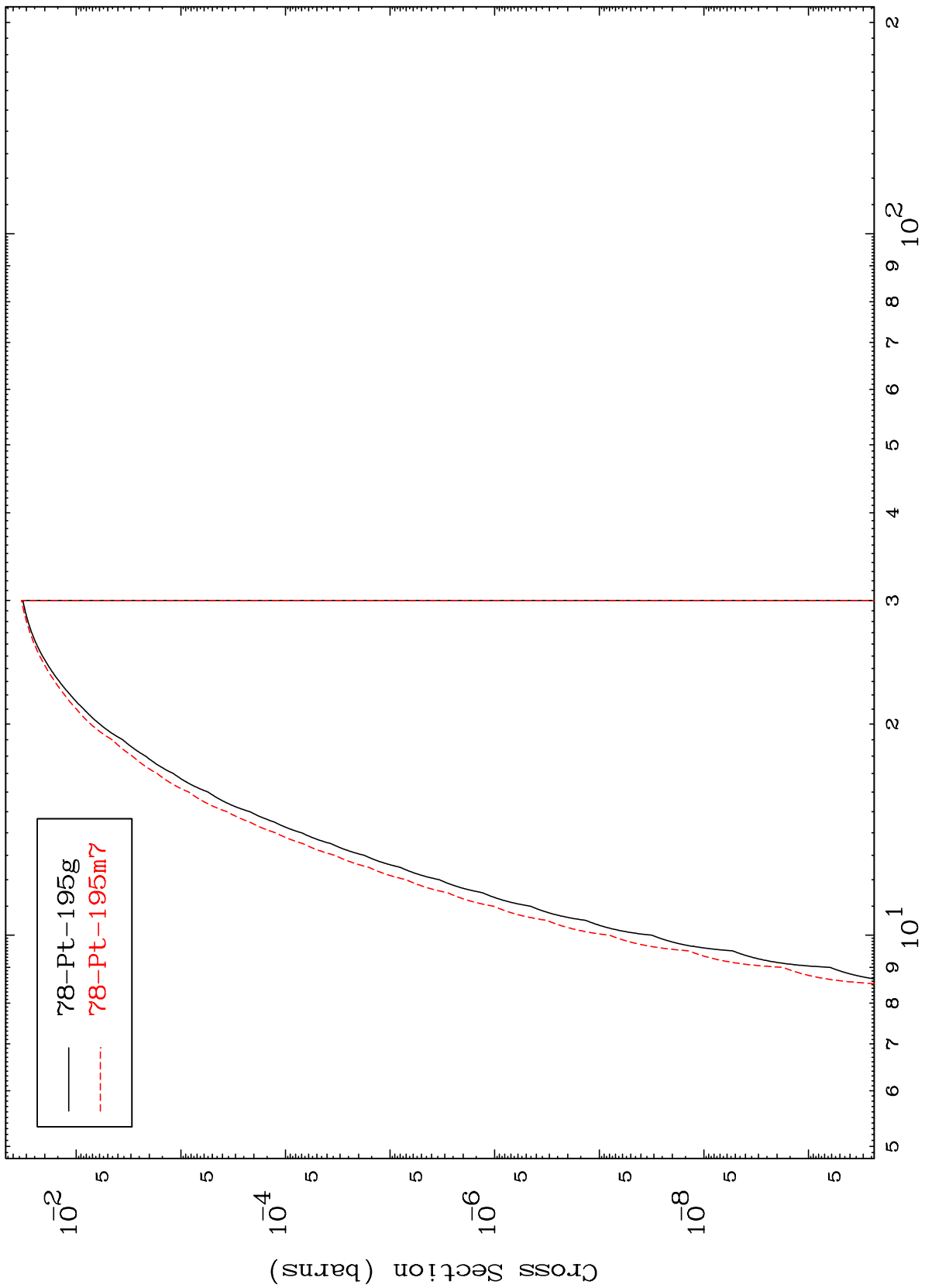


MAT 7924

(n,n') p

⁷⁹Au-196n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

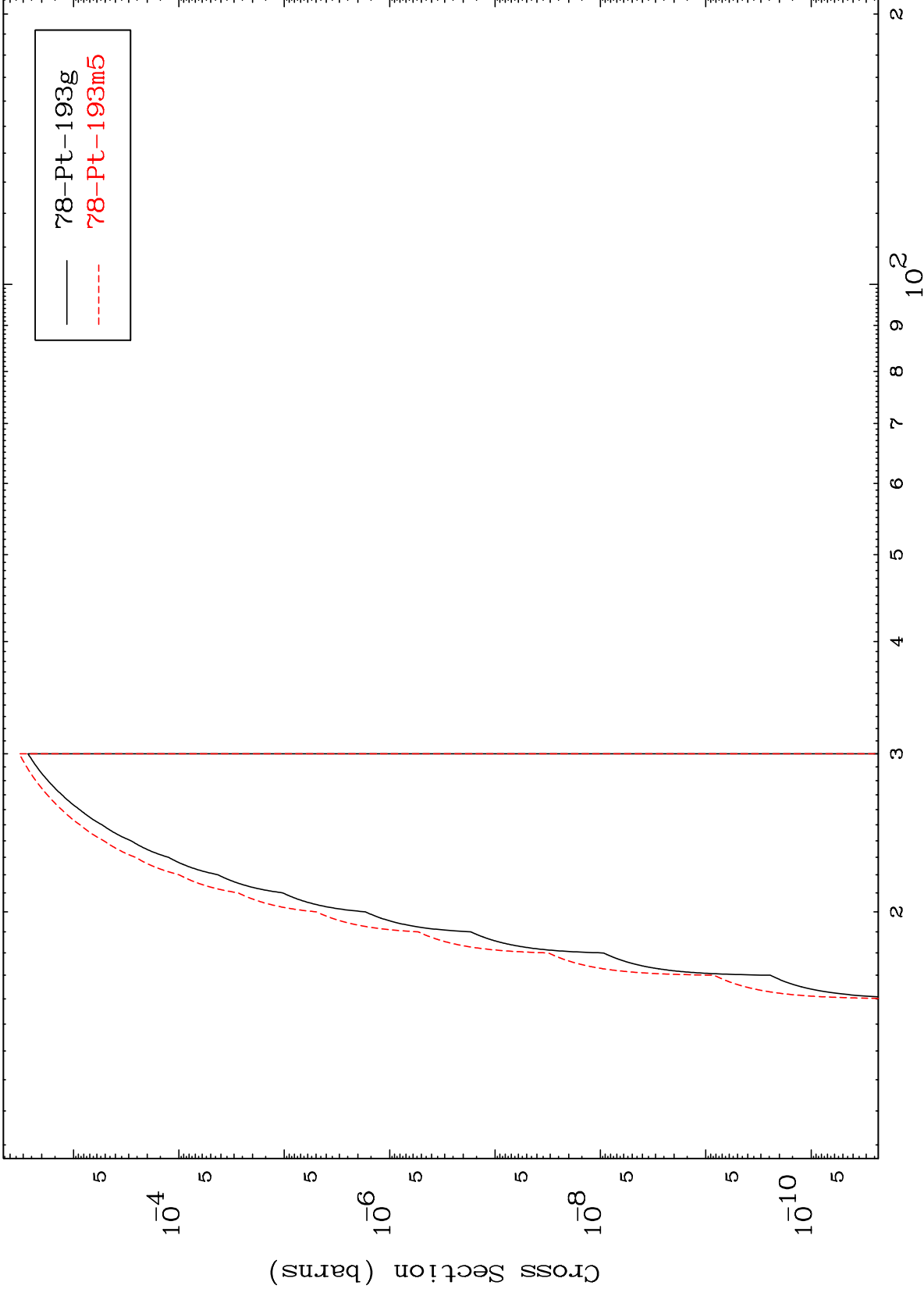
⁷⁹Au-196n

MAT 7924

(n,n') t

⁷⁹Au-196n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

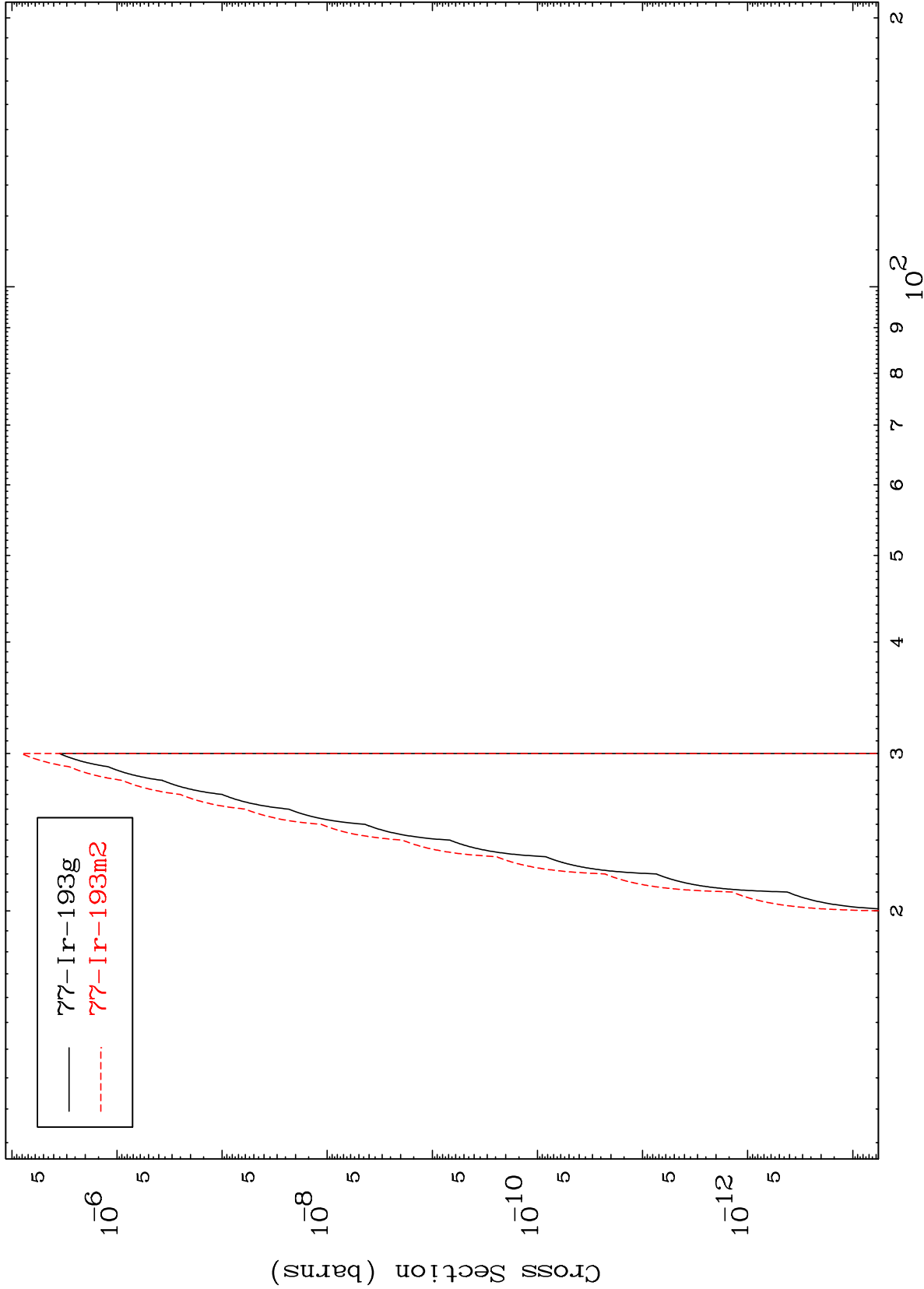
⁷⁹Au-196n

MAT 7924

(n,n') He-3

79-Au-196n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

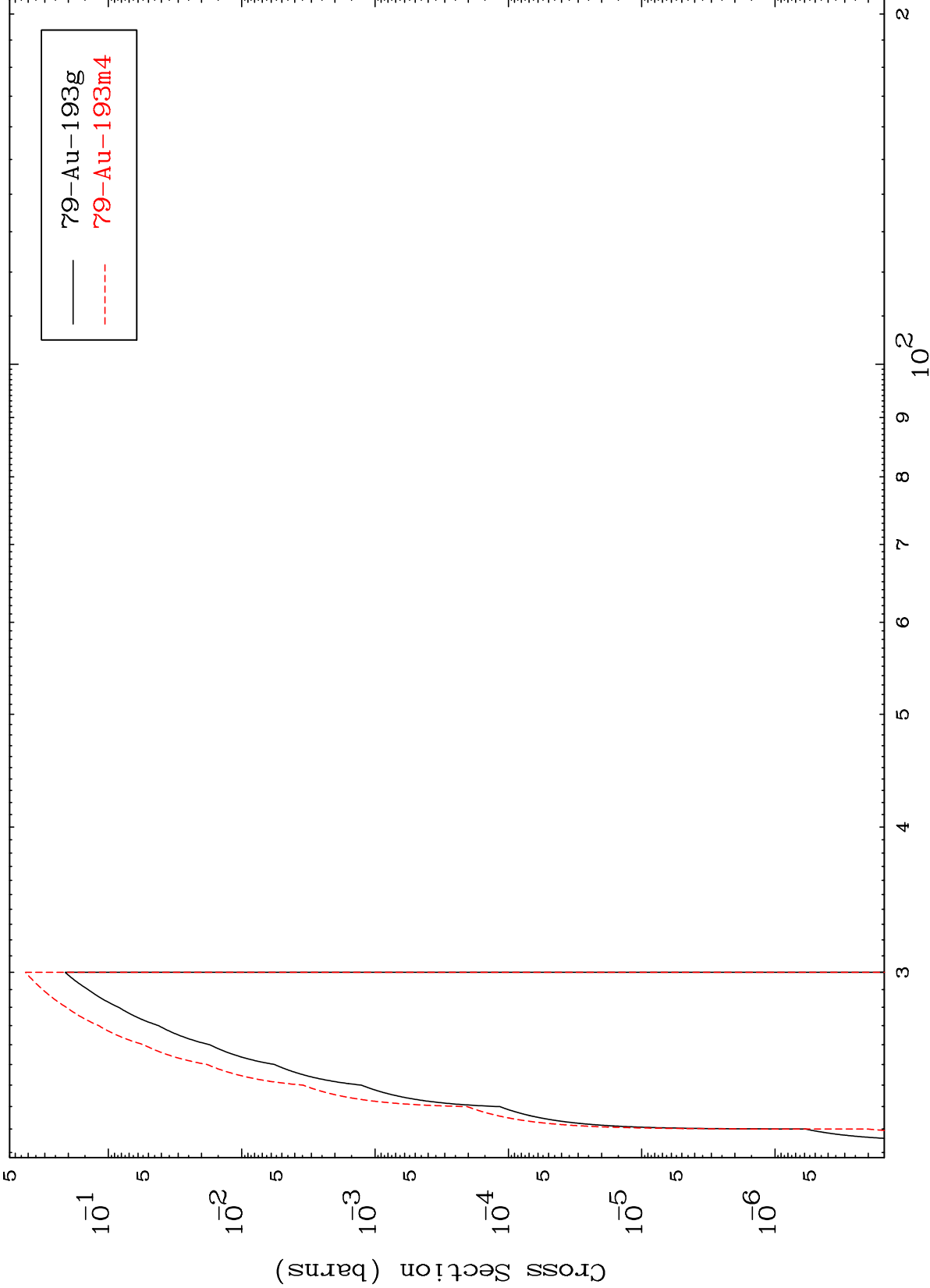
79-Au-196n

MAT 7924

(n,4n)

⁷⁹Au-196n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

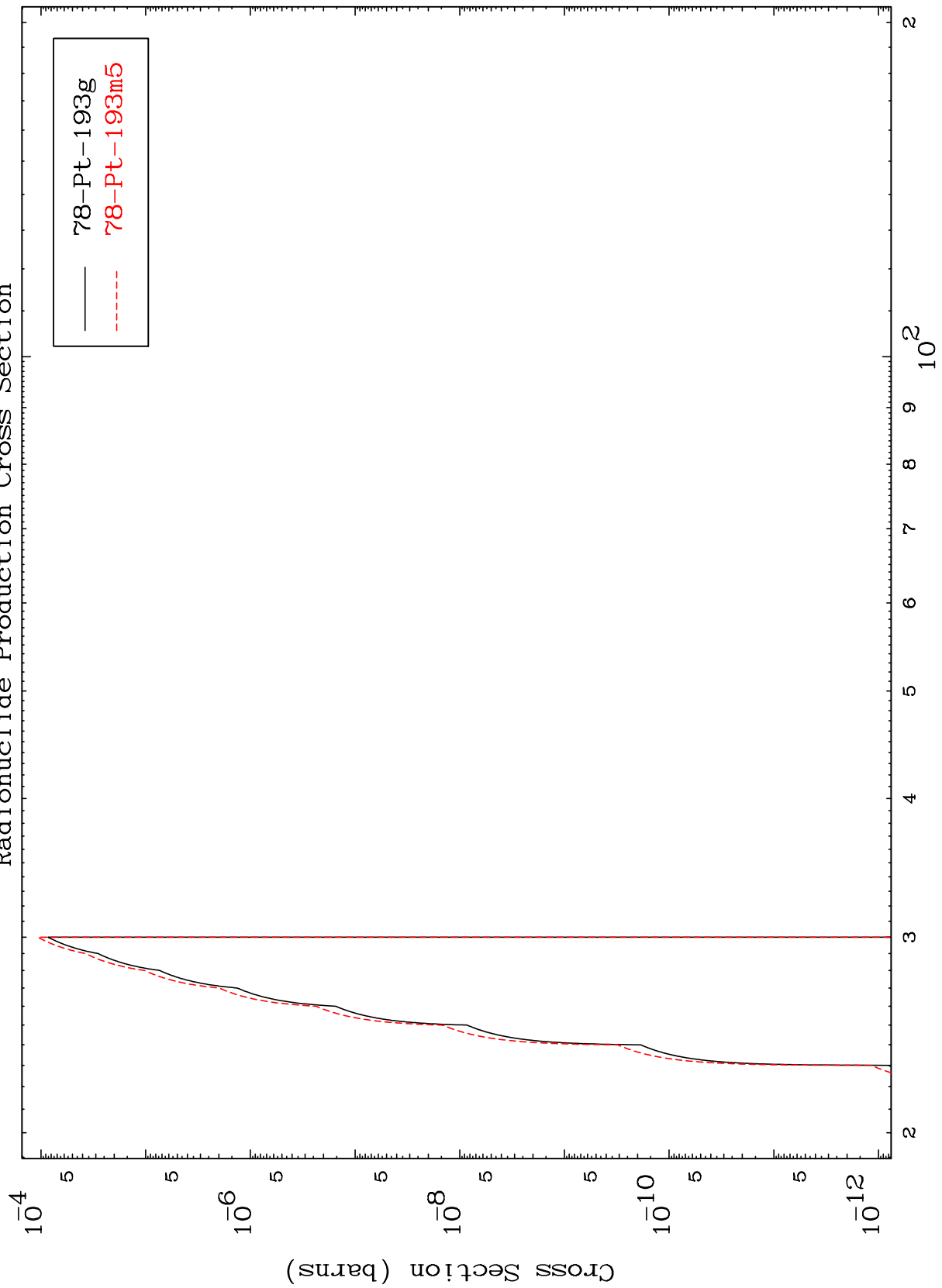
⁷⁹Au-196n

MAT 7924

(n,3n) p

⁷⁹Au-196n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

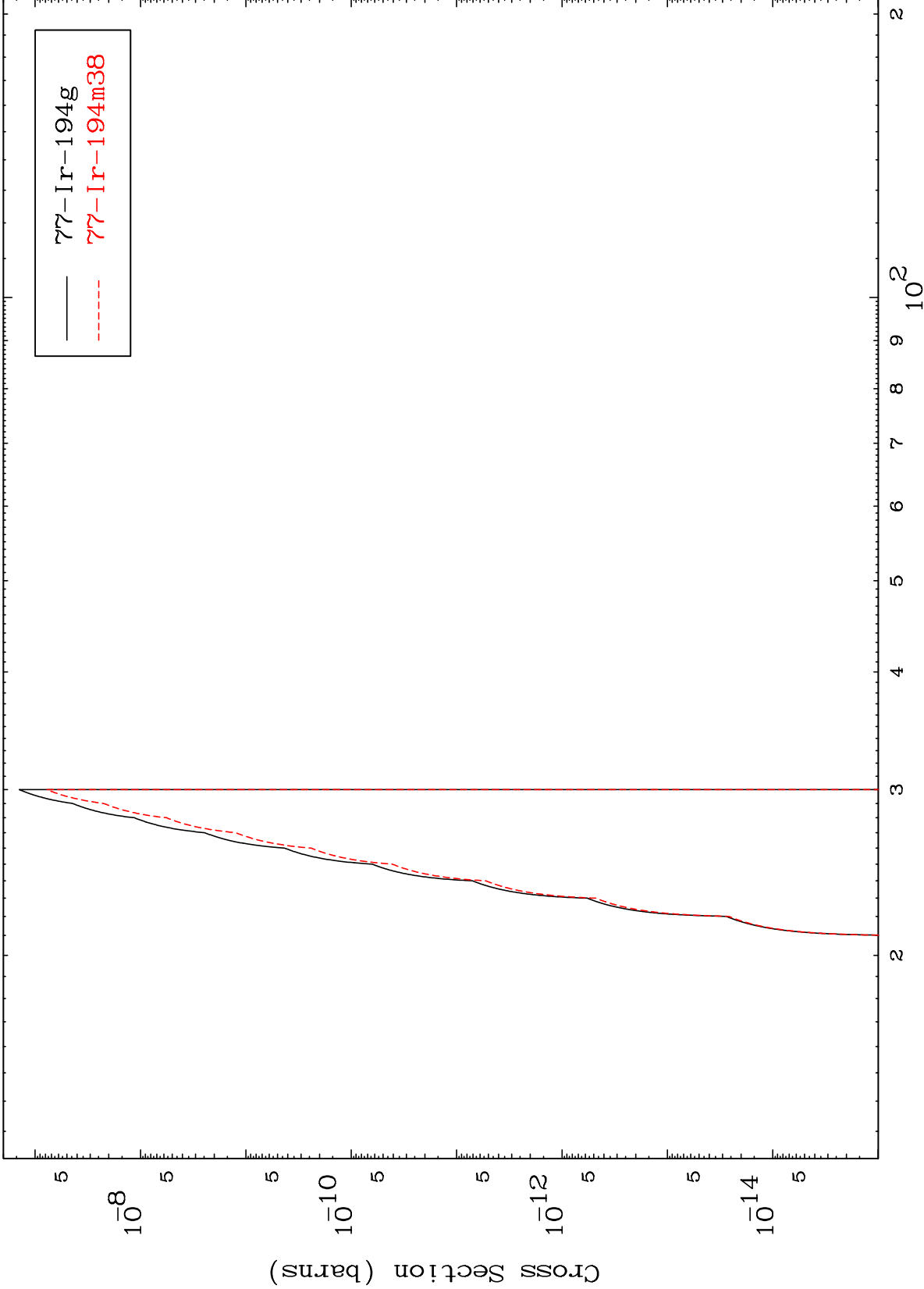
⁷⁹Au-196n

MAT 7924

(n,2n) p

⁷⁹Au-196n

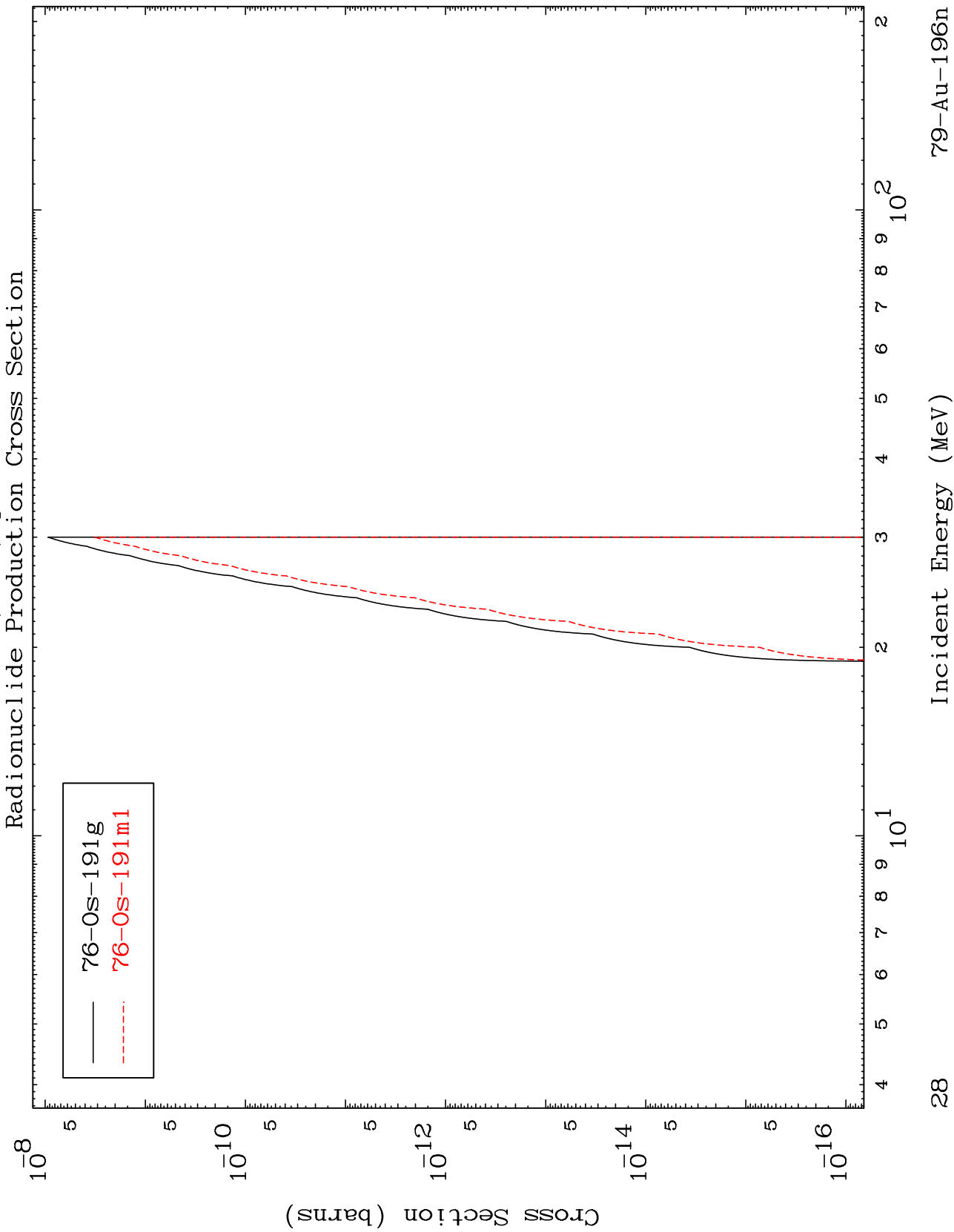
Radionuclide Production Cross Section



MAT 7924

(n,n') p α

⁷⁹Au-196n



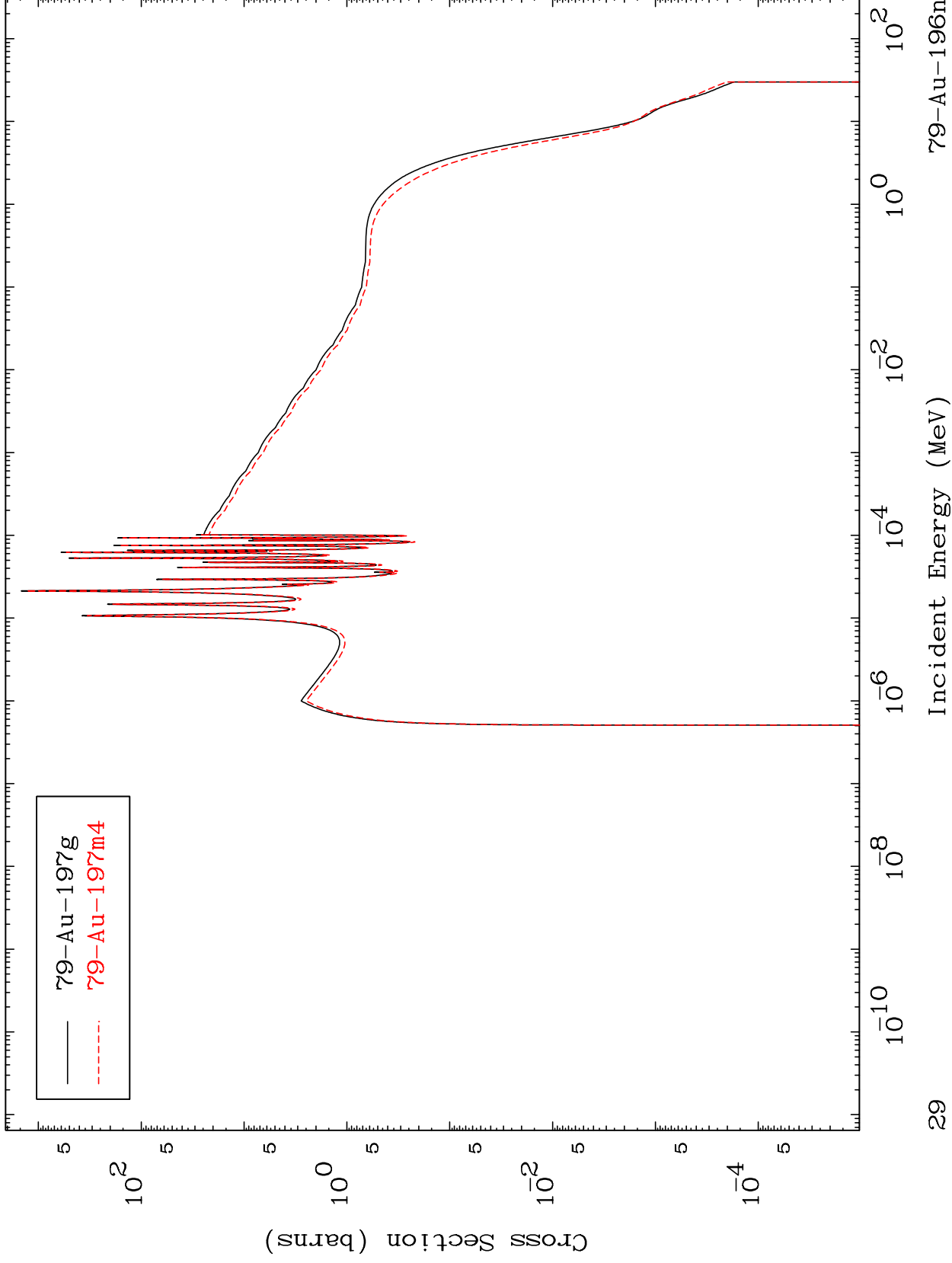
28

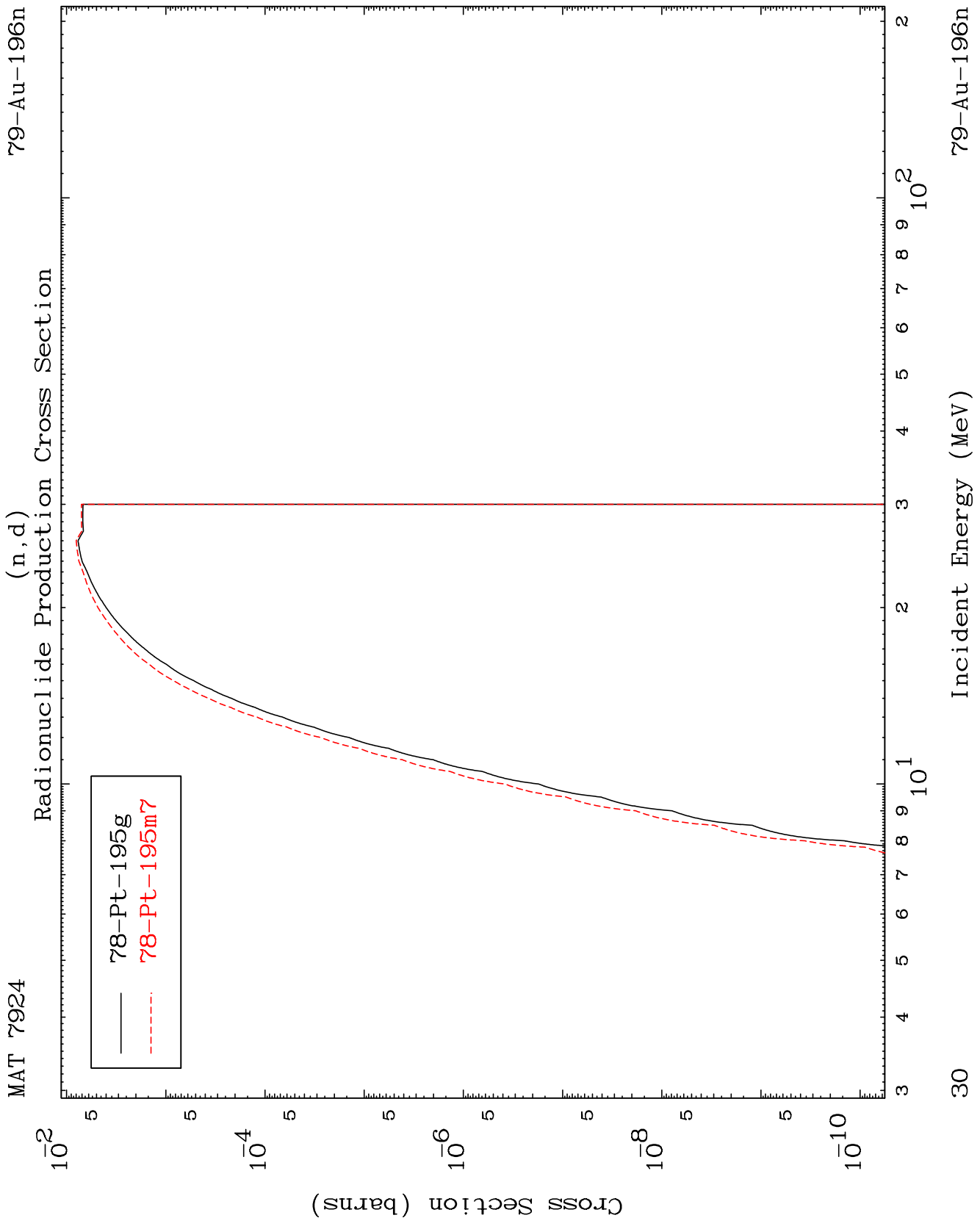
⁷⁹Au-196n

MAT 7924

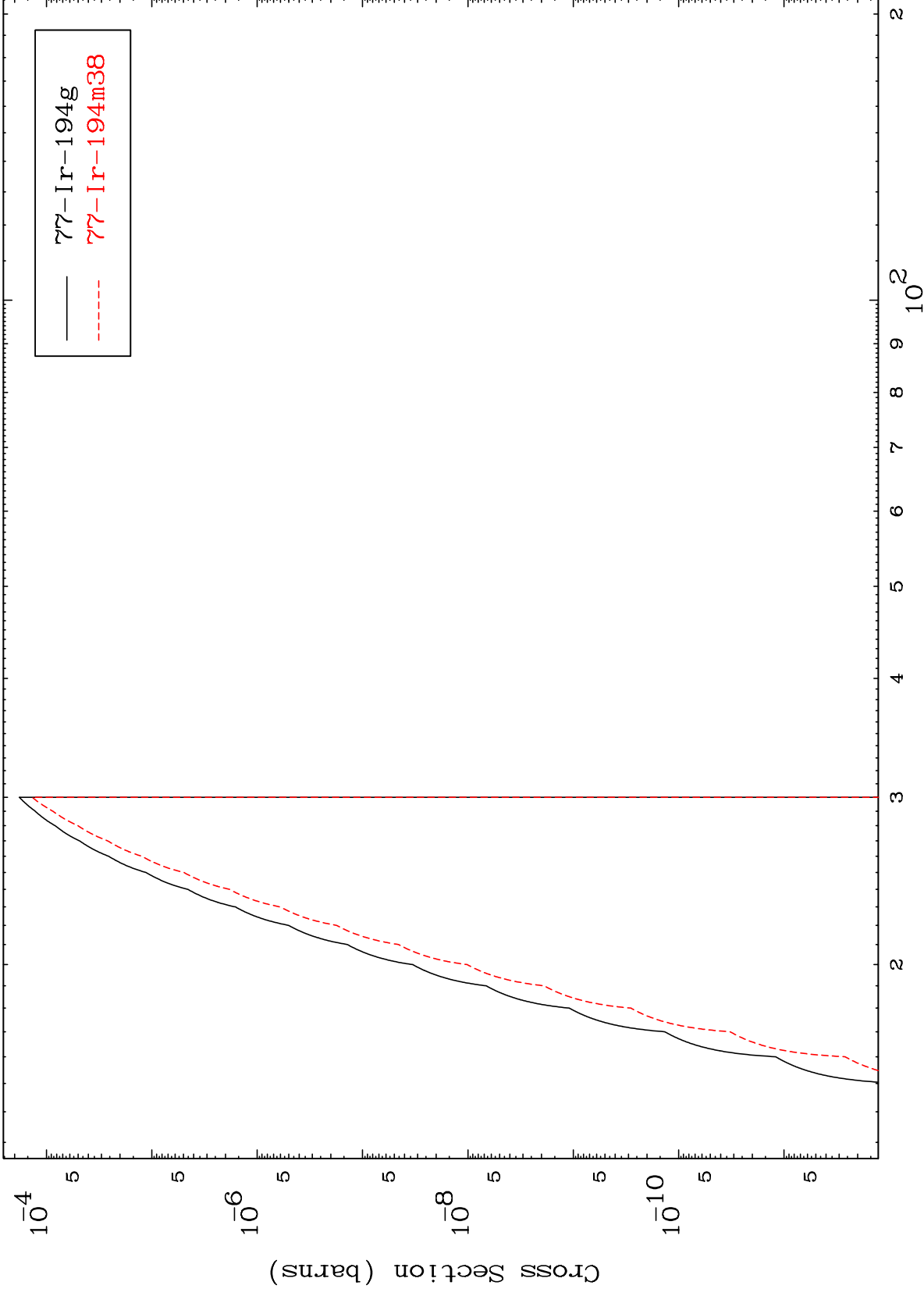
⁷⁹Au-196n

Radionuclide Production Cross Section





Radionuclide Production Cross Section



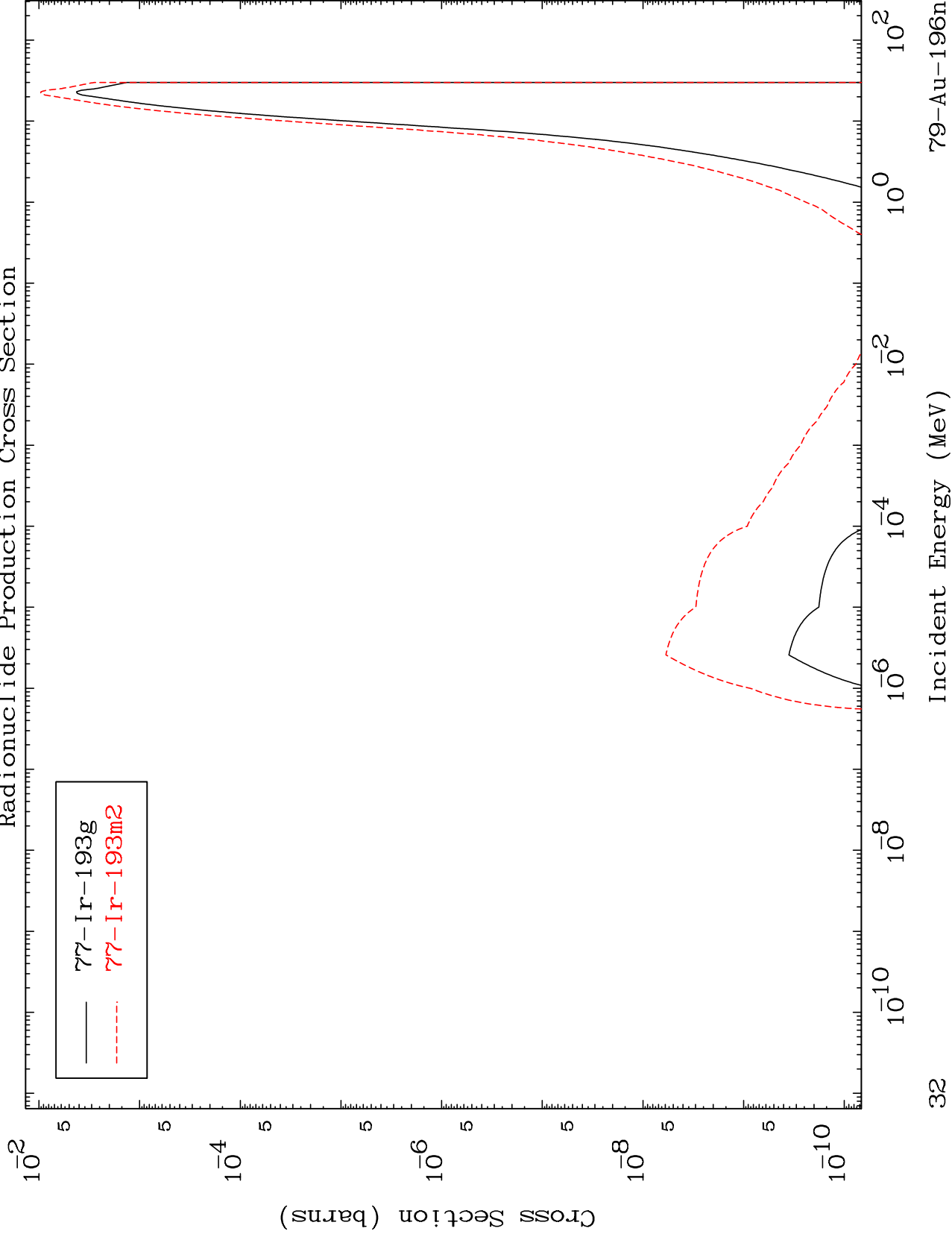
— ⁷⁷Ir-194g
- - - ⁷⁷Ir-194m38

MAT 7924

(n, α)

⁷⁹Au-196n

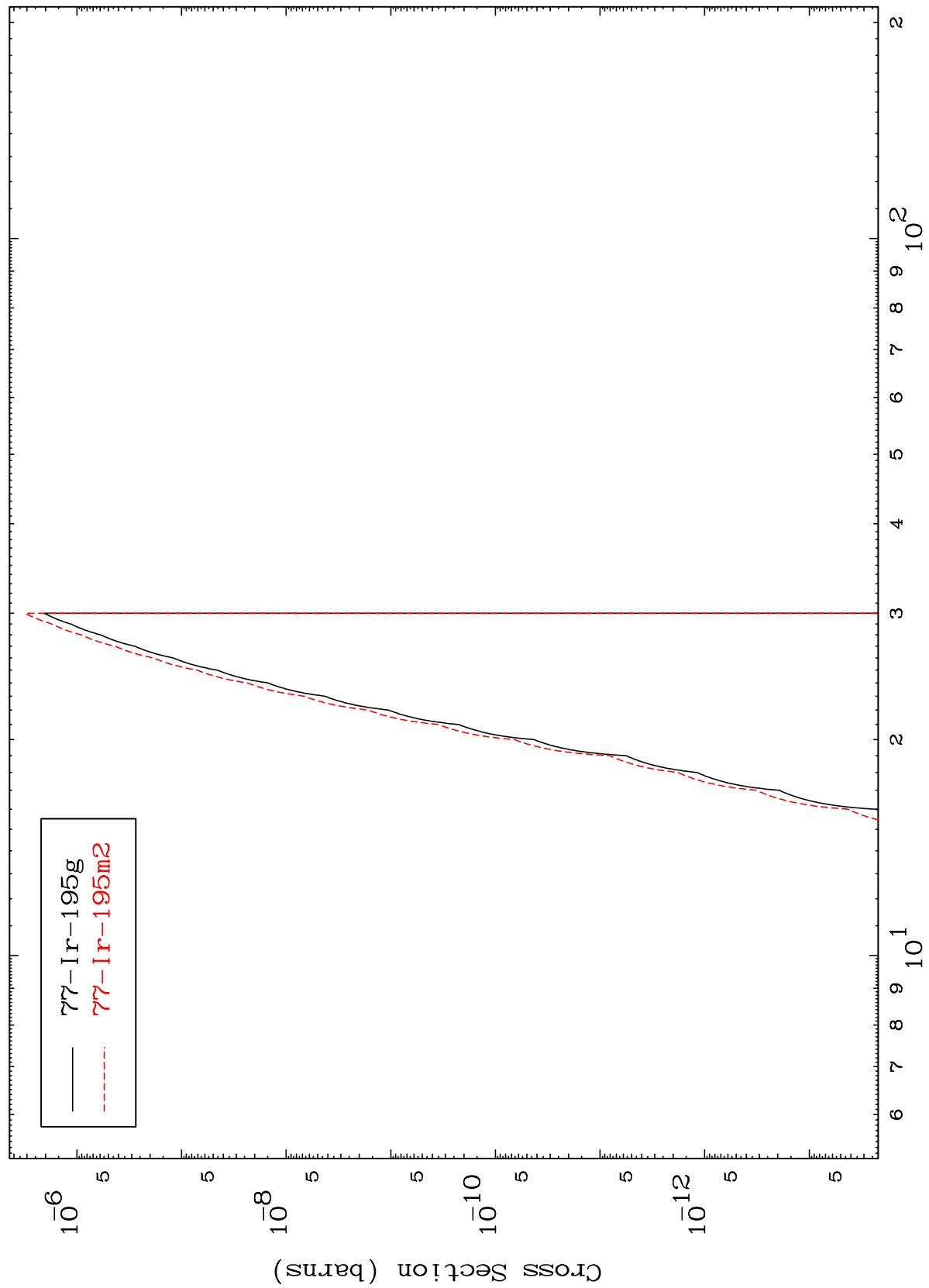
Radionuclide Production Cross Section



MAT 7924

79-Au-196n

(n,2p)
Radionuclide Production Cross Section

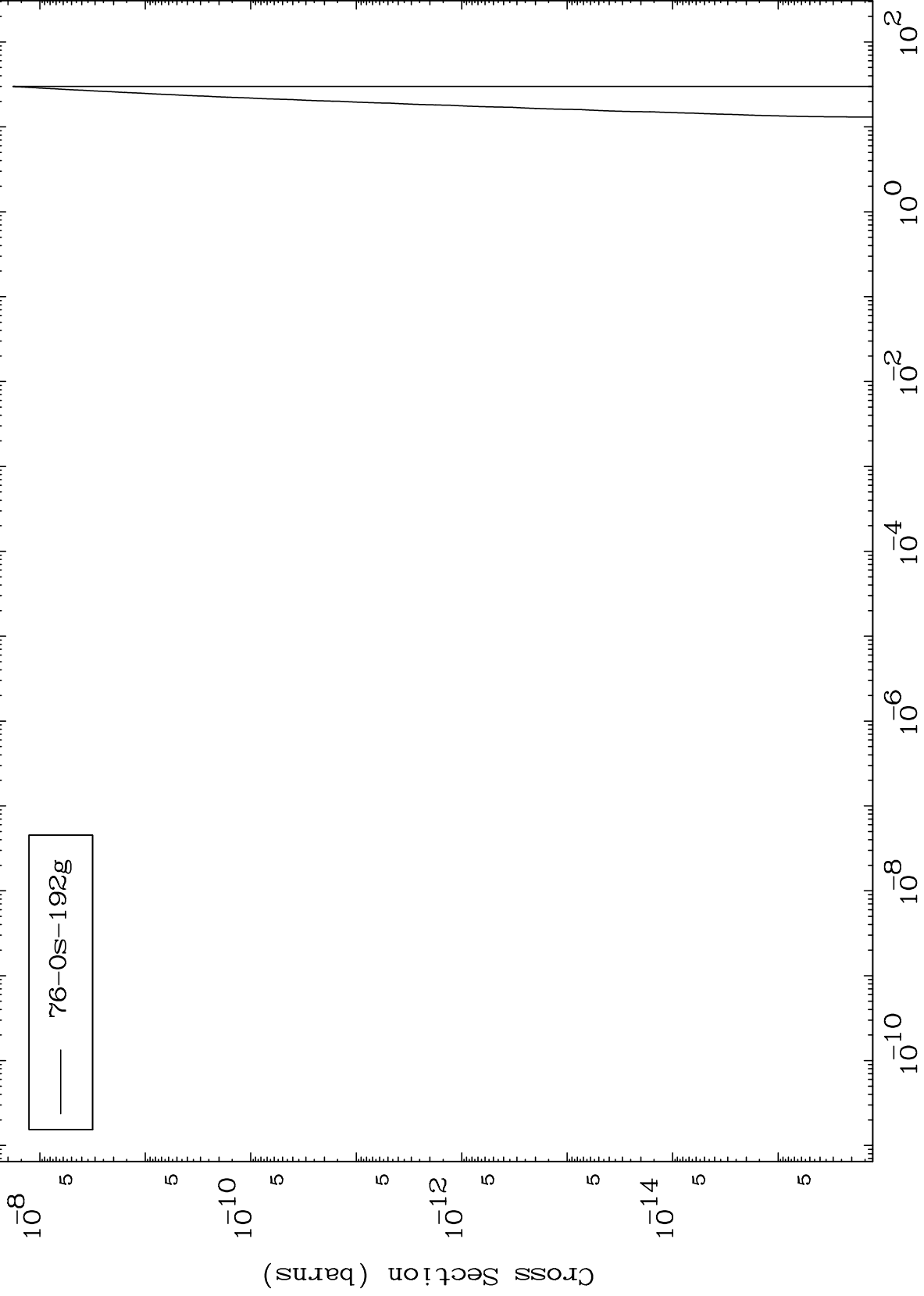


MAT 7924

(n,p) α

⁷⁹Au-196n

Radionuclide Production Cross Section



34

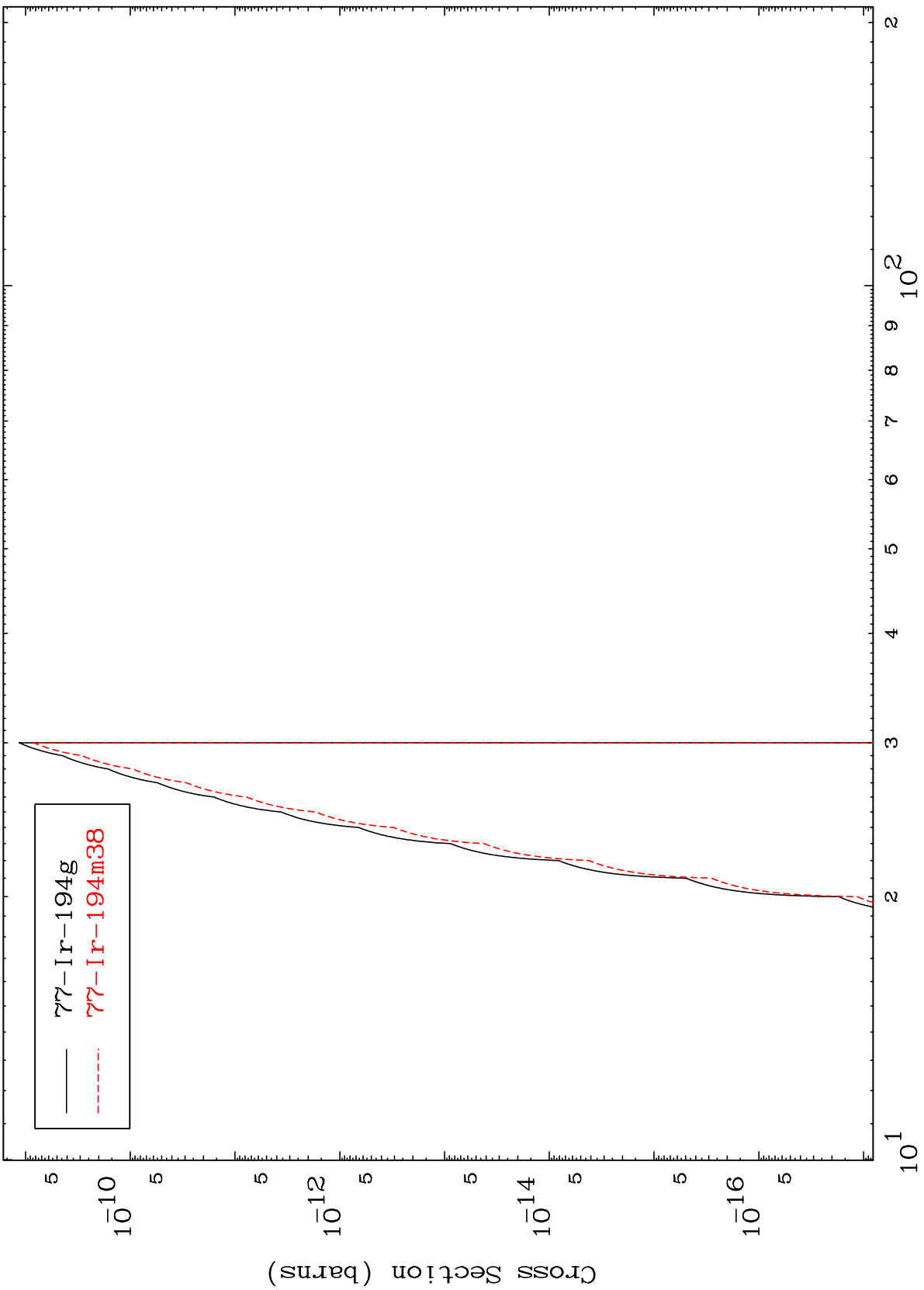
79-Au-196n

MAT 7924

(n,p) d

⁷⁹Au-196n

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-196n

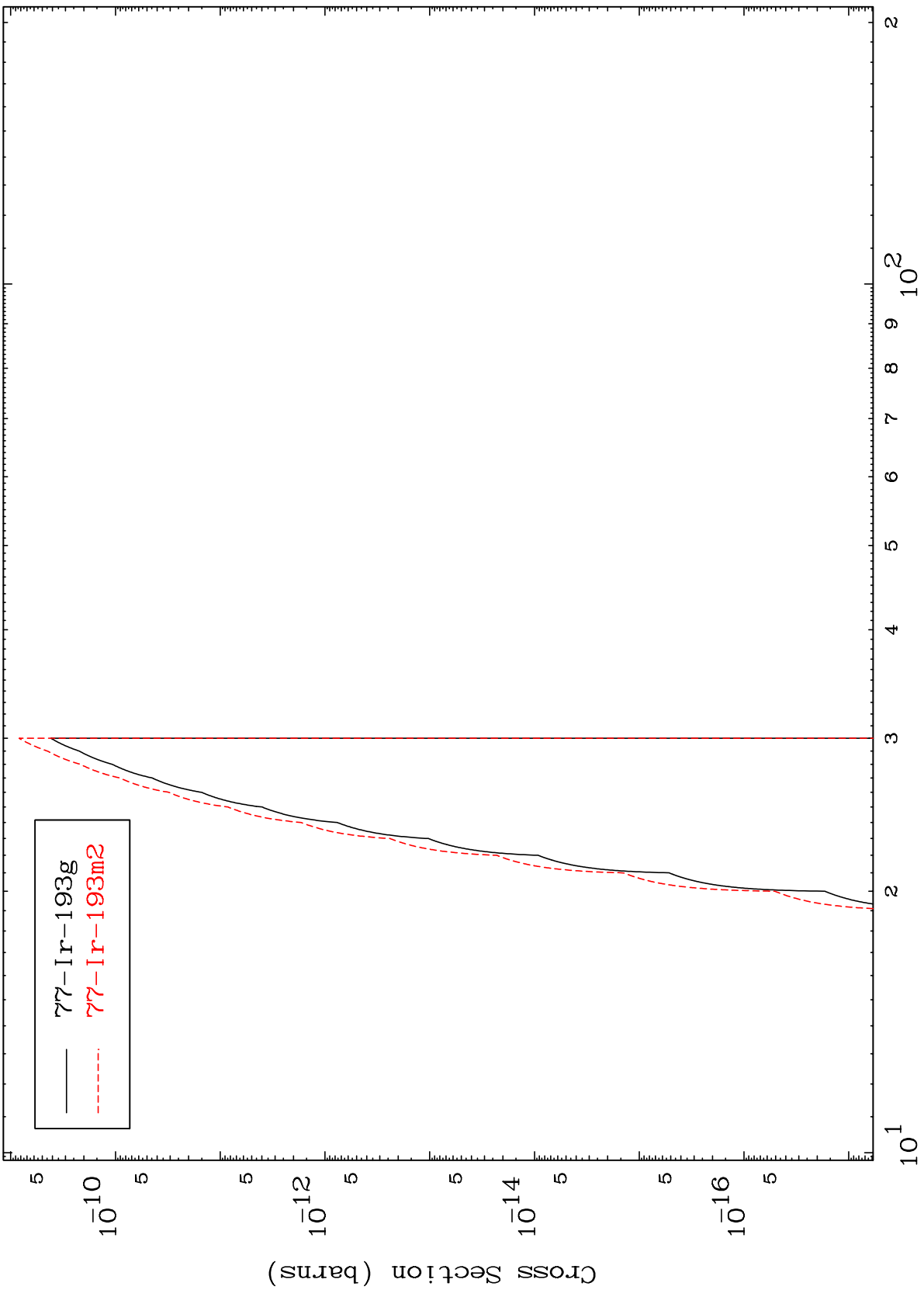
35

MAT 7924

(n,p) t

79-Au-196n

Radionuclide Production Cross Section



77-Ir-193g
77-Ir-193m2

Incident Energy (MeV)

79-Au-196n

36