

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

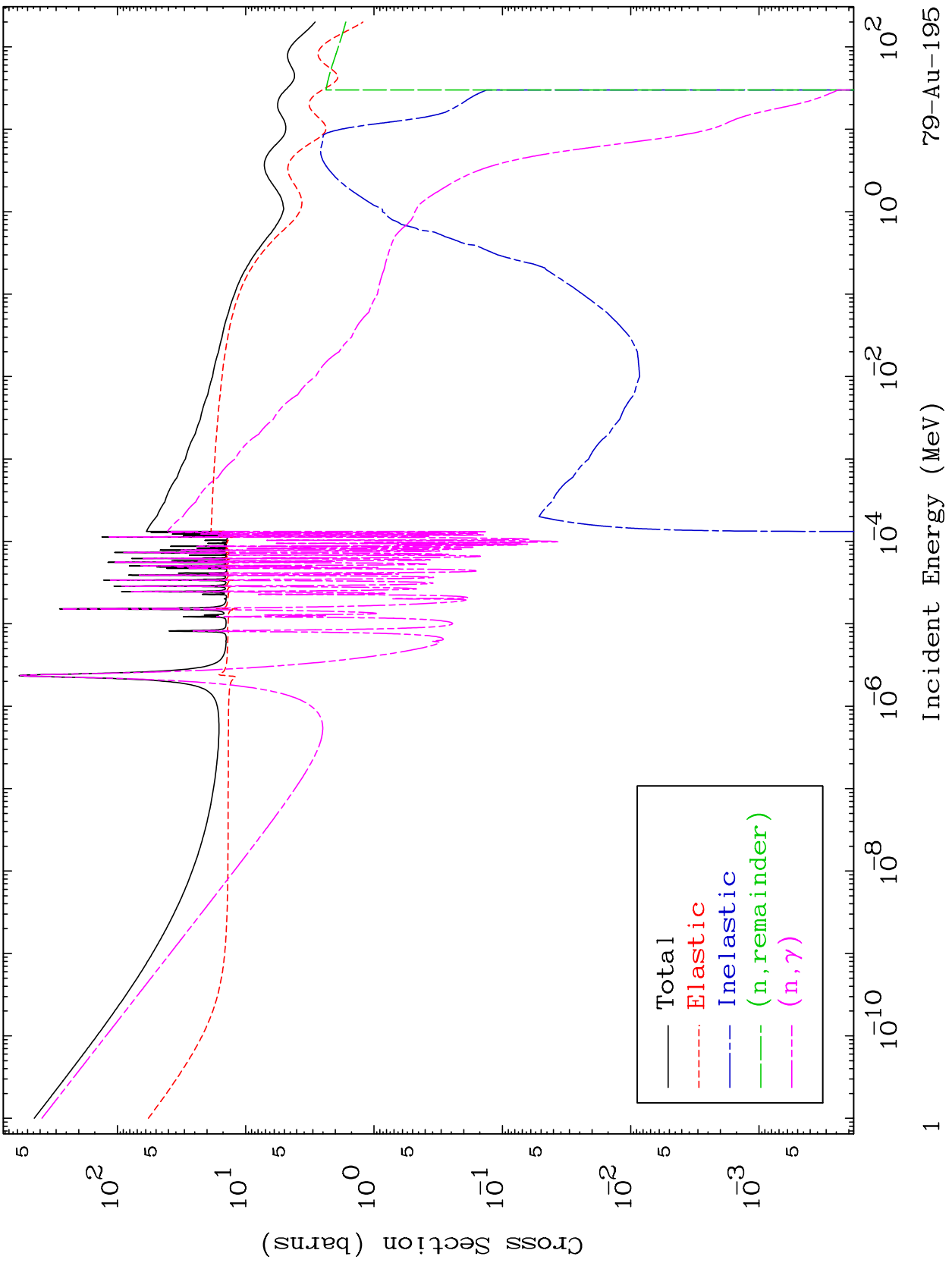
Press Mouse Button to Start

MAT 7920

Major

293 Kelvin Cross Sections

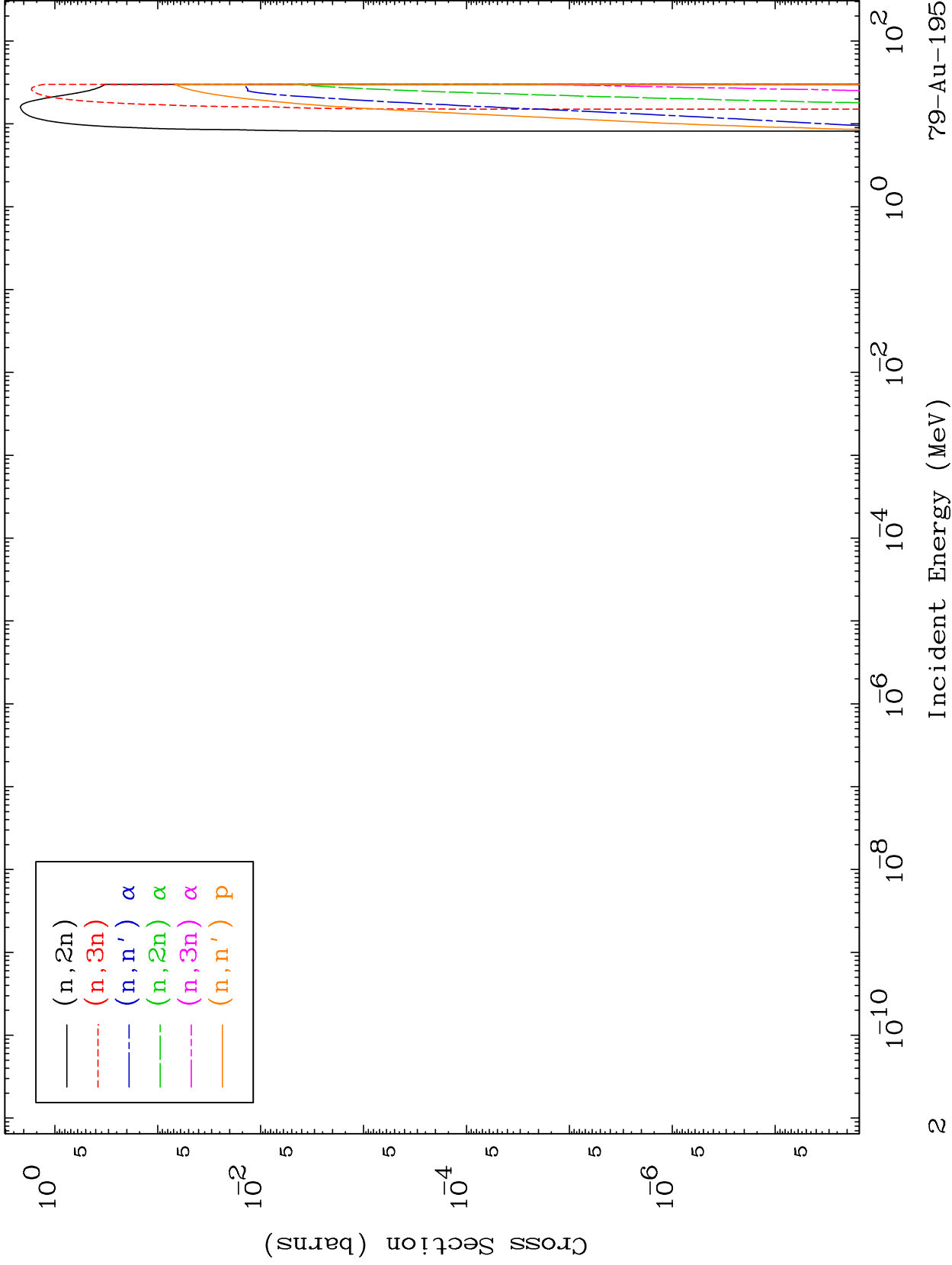
79-Au-195

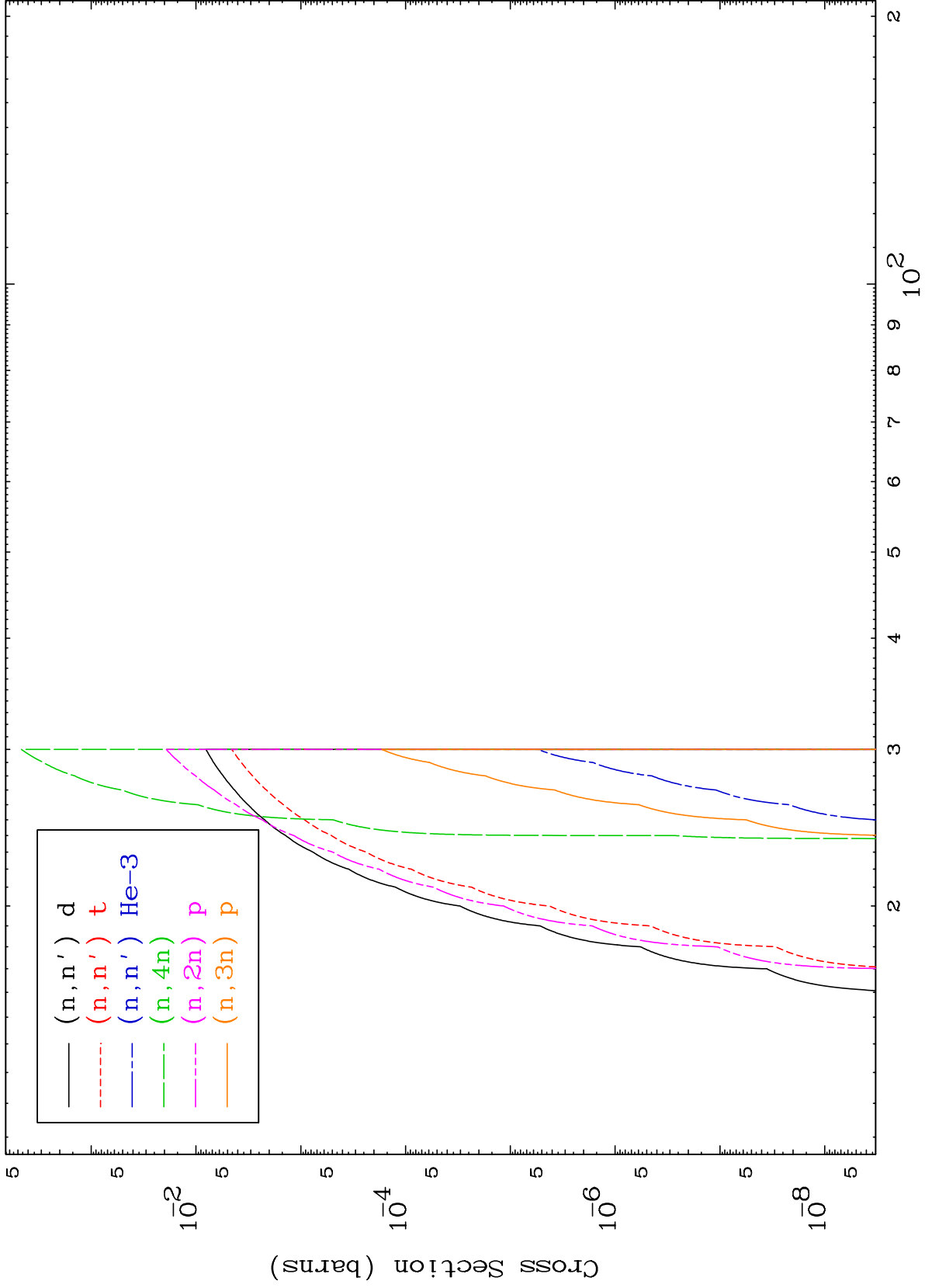


MAT 7920

Neutron Production
293 Kelvin Cross Sections

79-Au-195

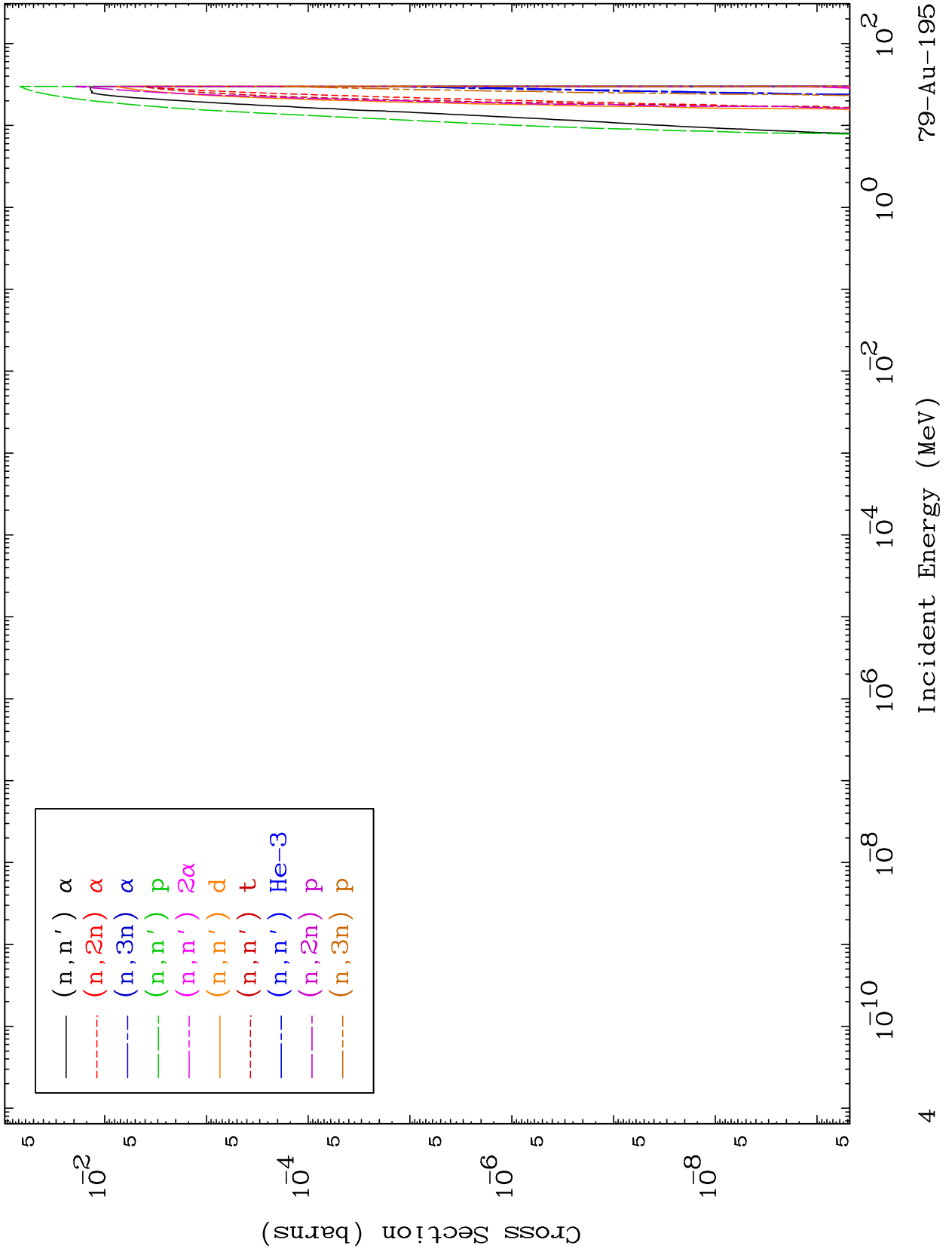




MAT 7920

Charged Particle
293 Kelvin Cross Sections

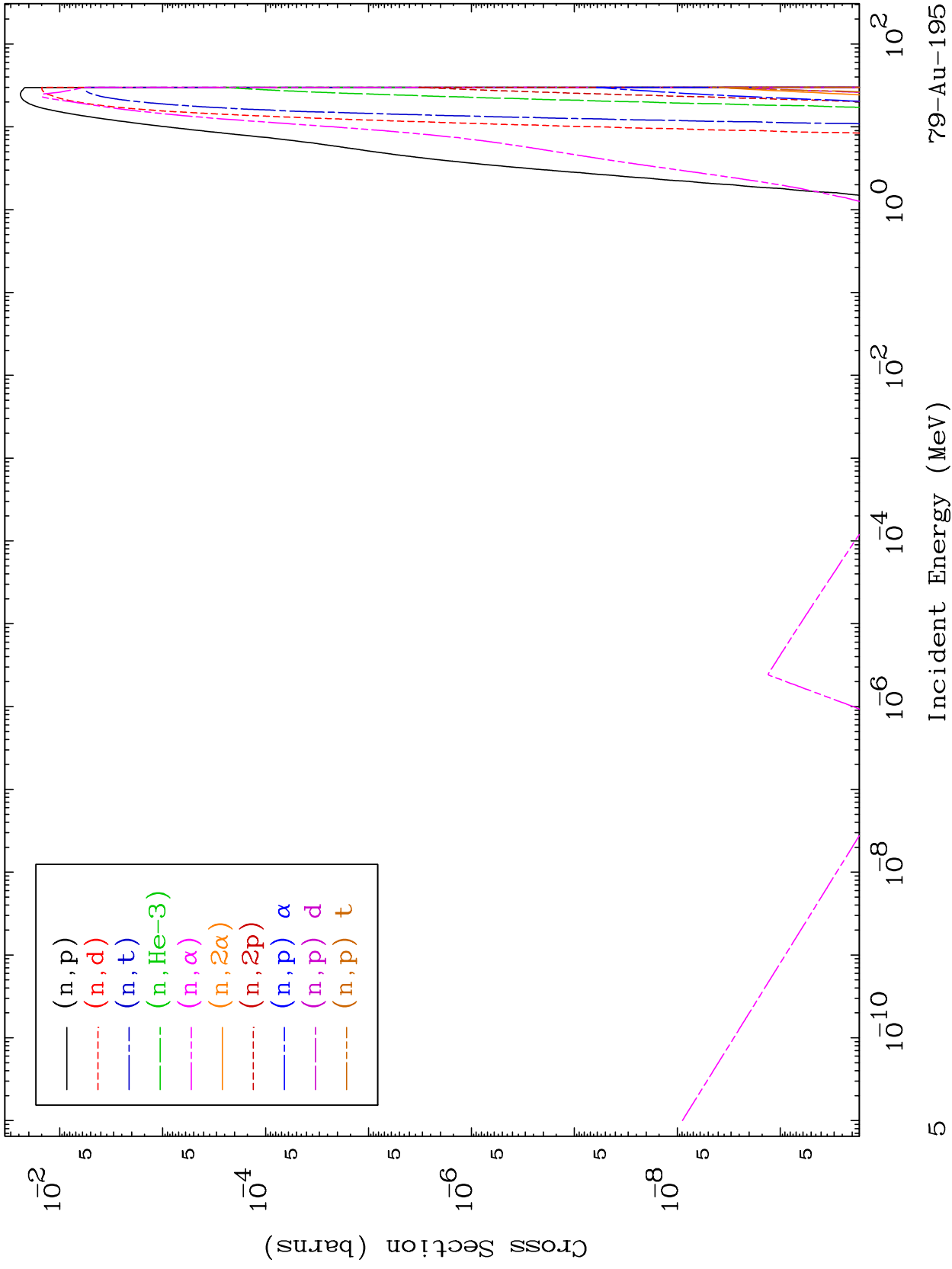
79-Au-195



MAT 7920

Charged Particle
293 Kelvin Cross Sections

79-Au-195



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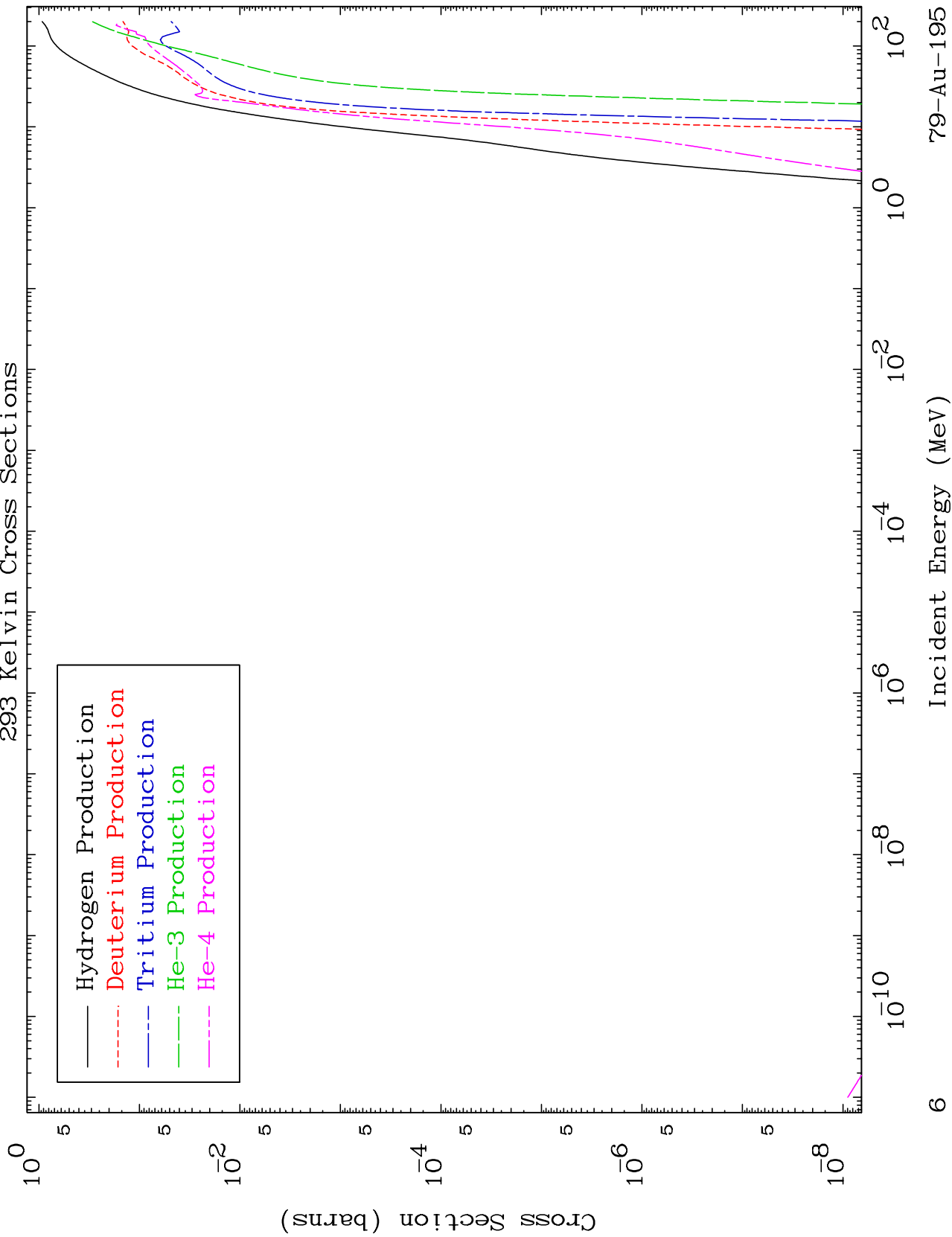
Incident Energy (MeV)

79-Au-195

MAT 7920

Particle Production
293 Kelvin Cross Sections

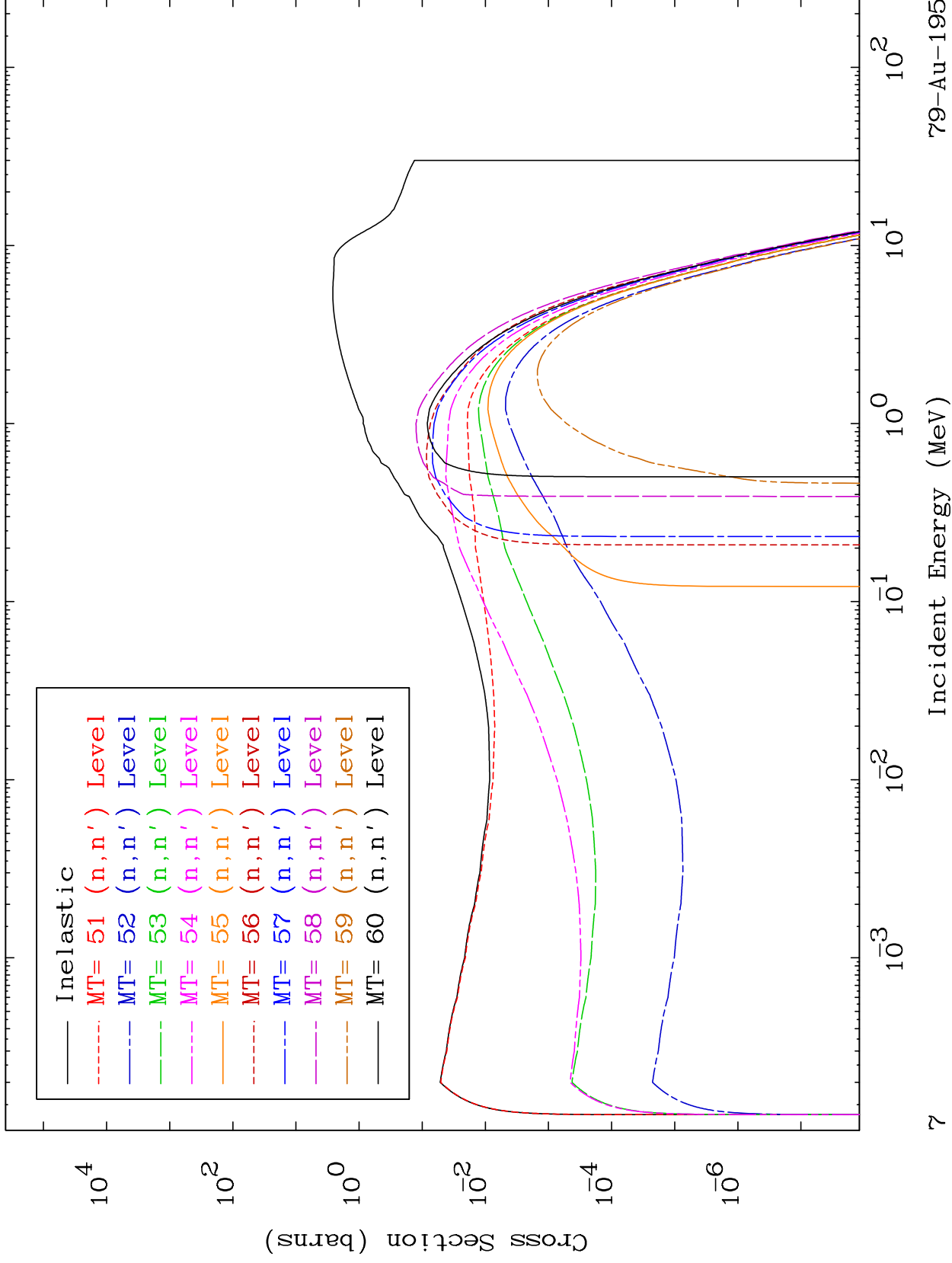
79-Au-195



MAT 7920

(n,n') Level
293 Kelvin Cross Sections

79-Au-195

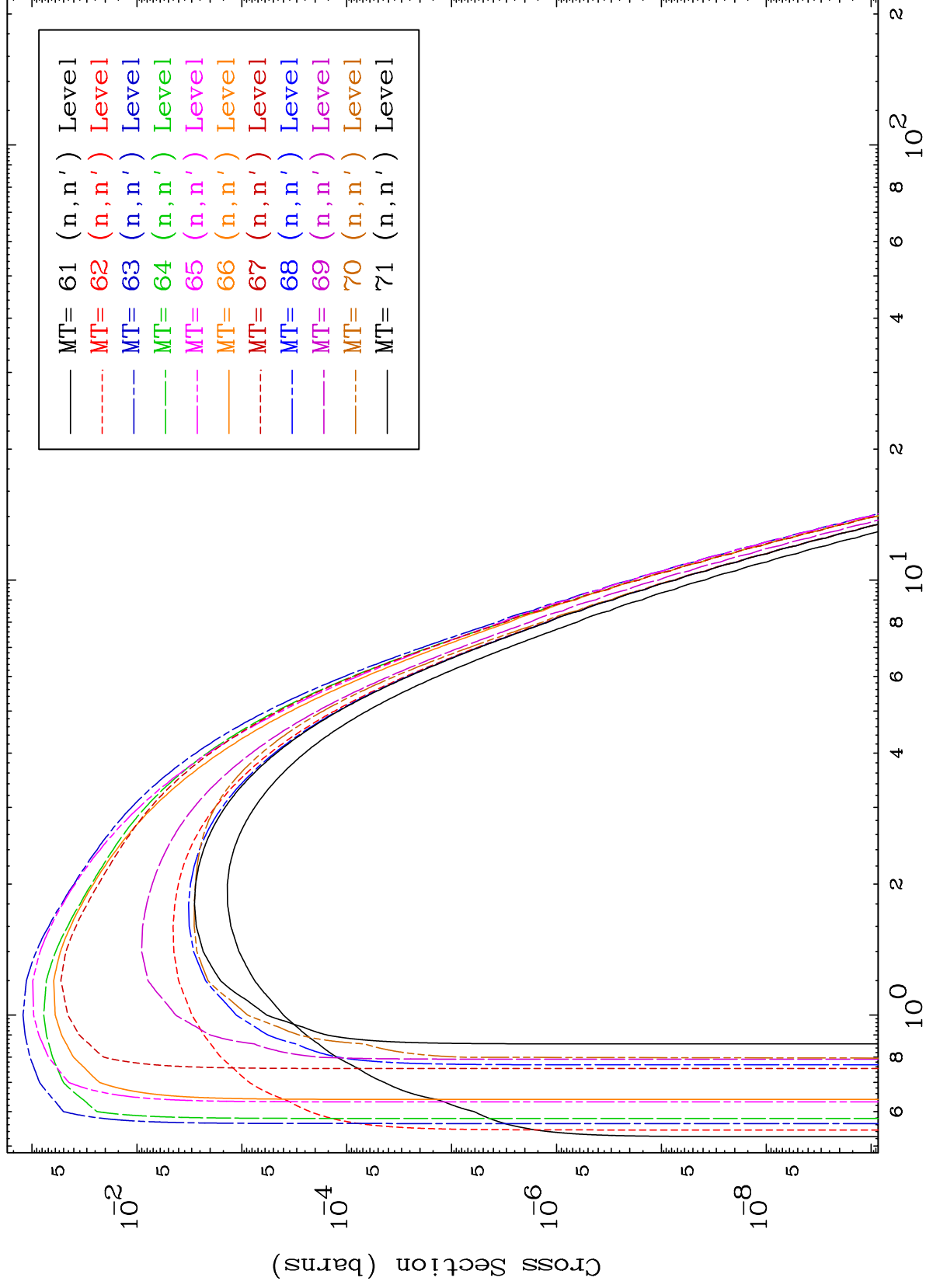


MAT 7920

(n,n') Level

79-Au-195

293 Kelvin Cross Sections



8

Incident Energy (MeV)

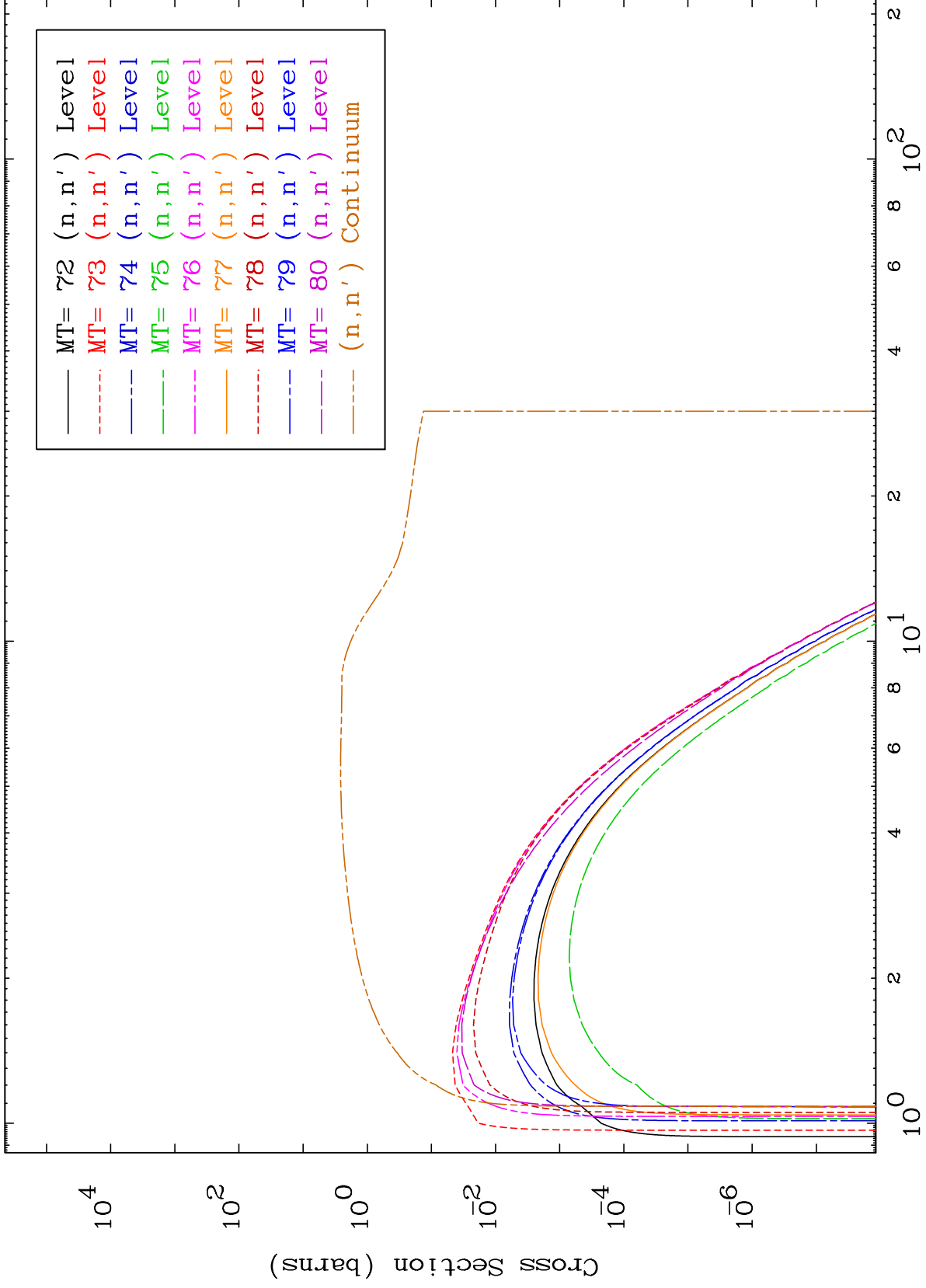
79-Au-195

MAT 7920

(n,n') Level

79-Au-195

293 Kelvin Cross Sections



9

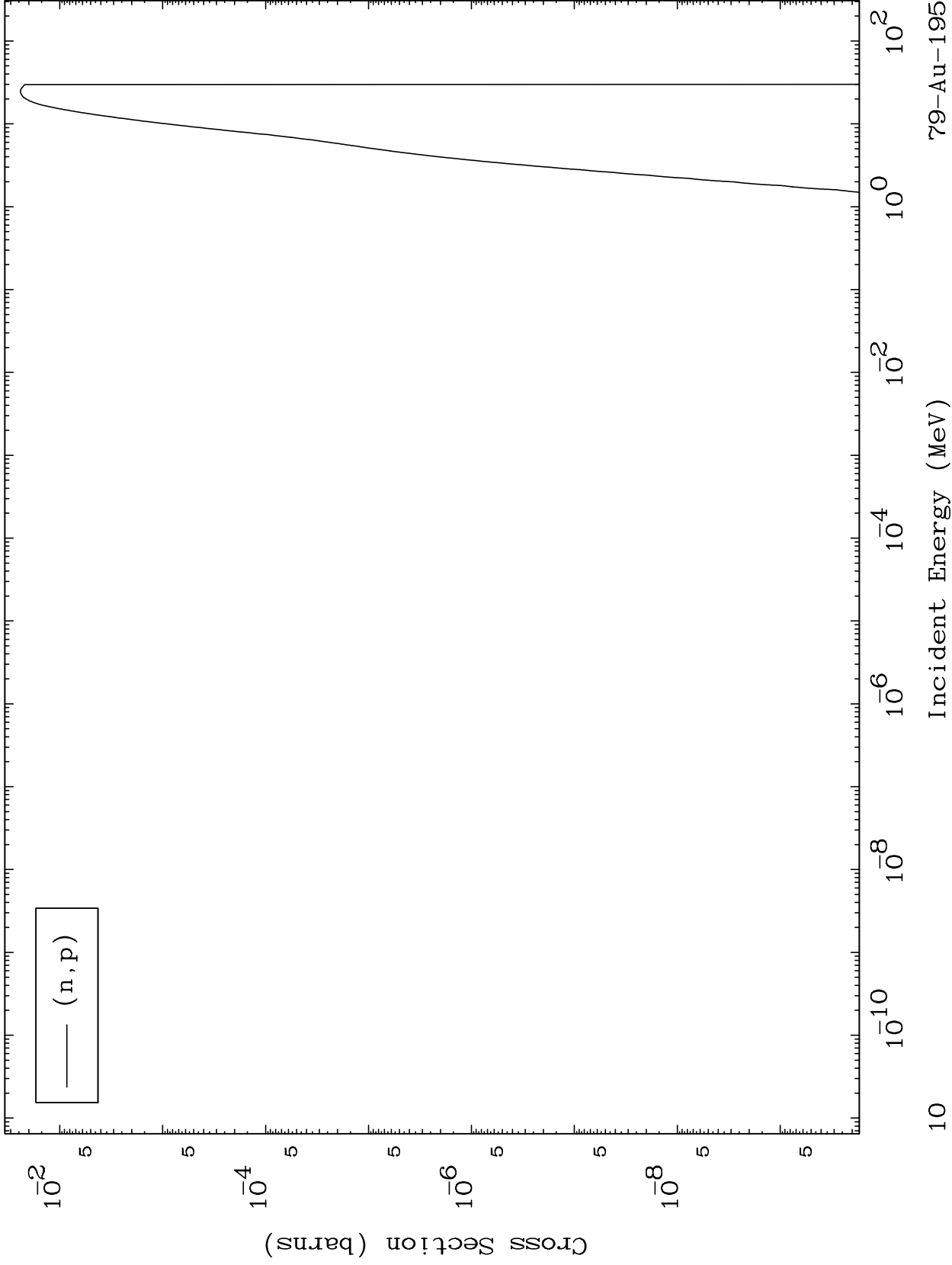
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,p) Levels
293 Kelvin Cross Sections

79-Au-195



10

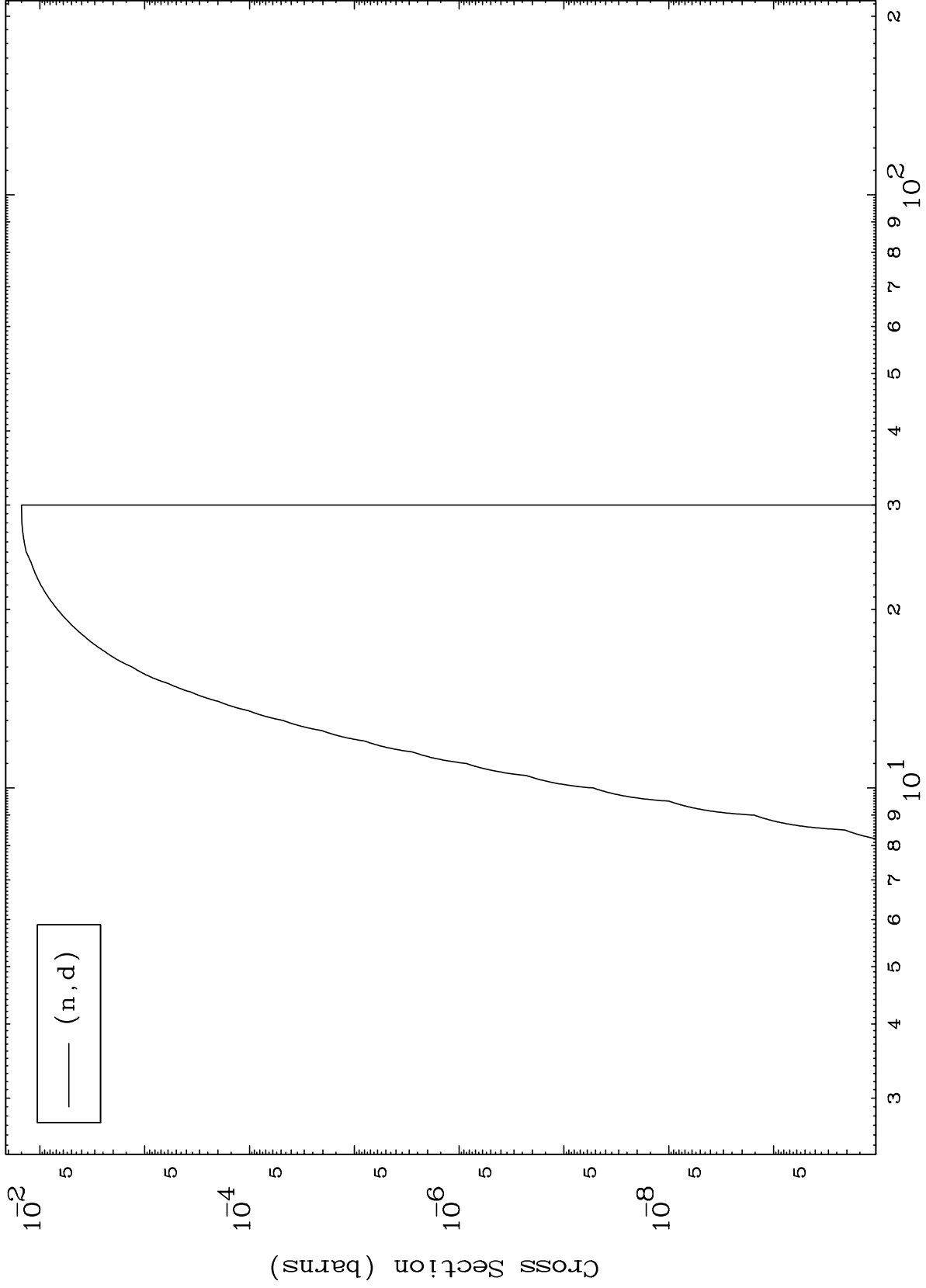
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



11

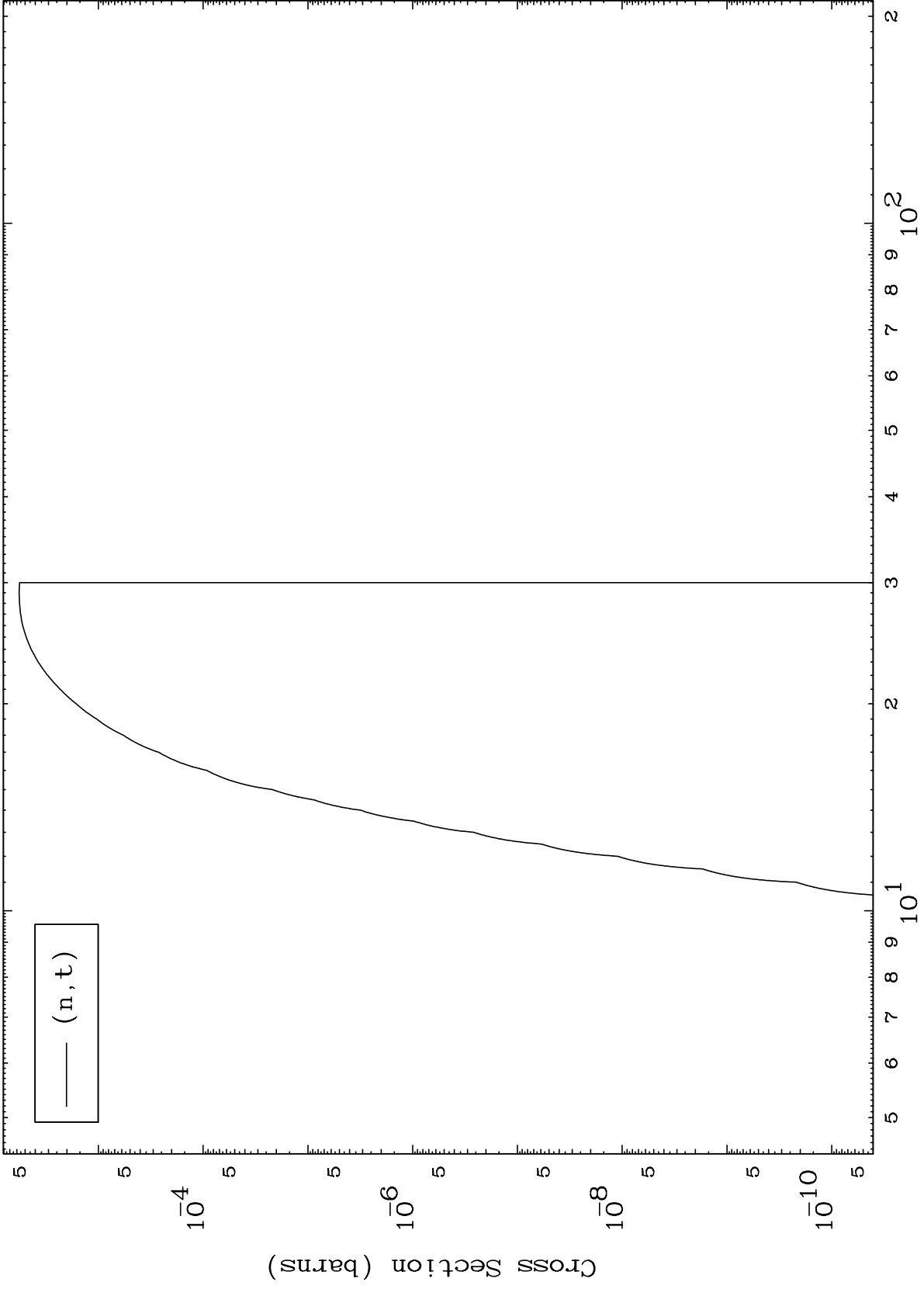
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



12

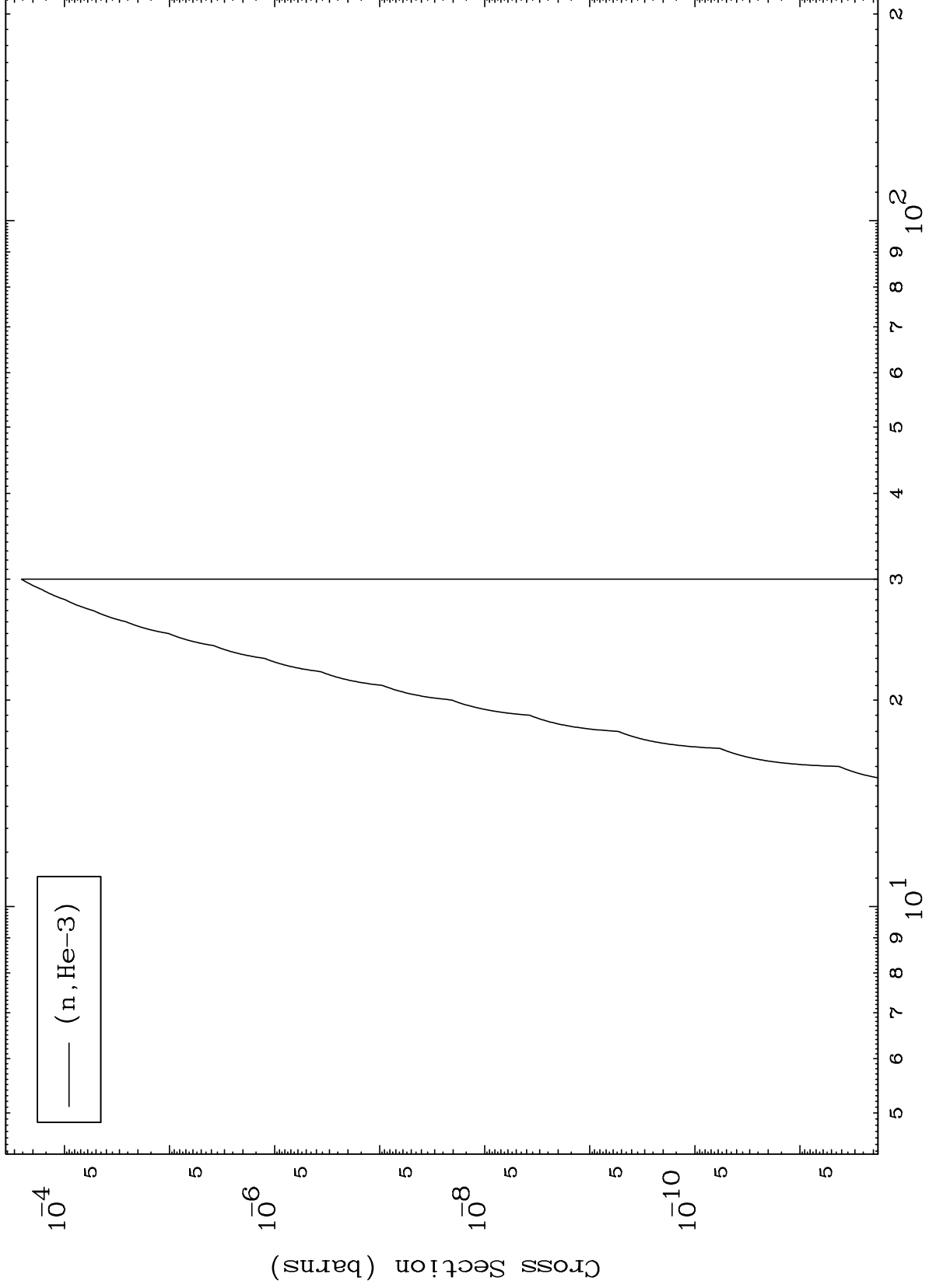
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



13

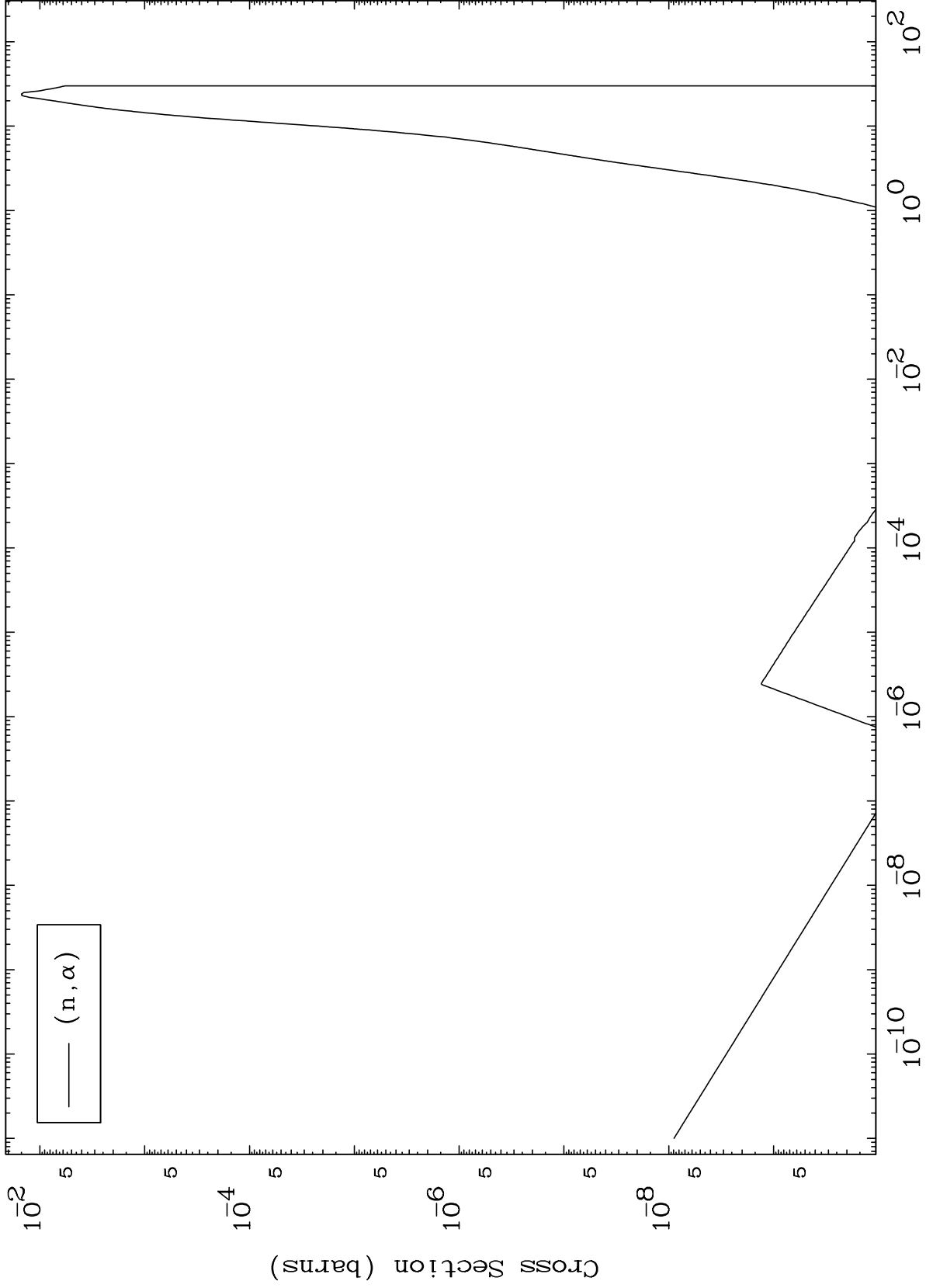
Incident Energy (MeV)

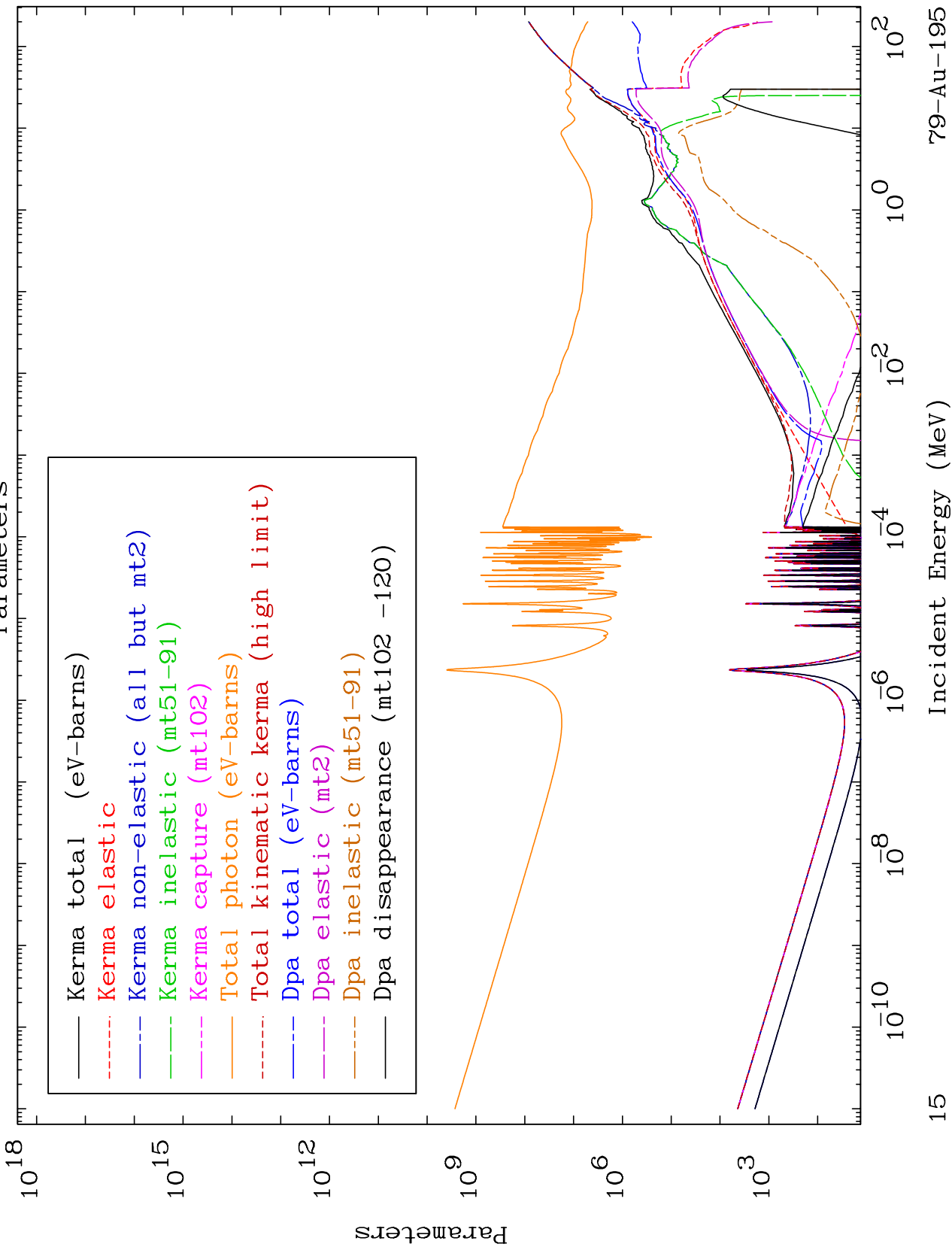
79-Au-195

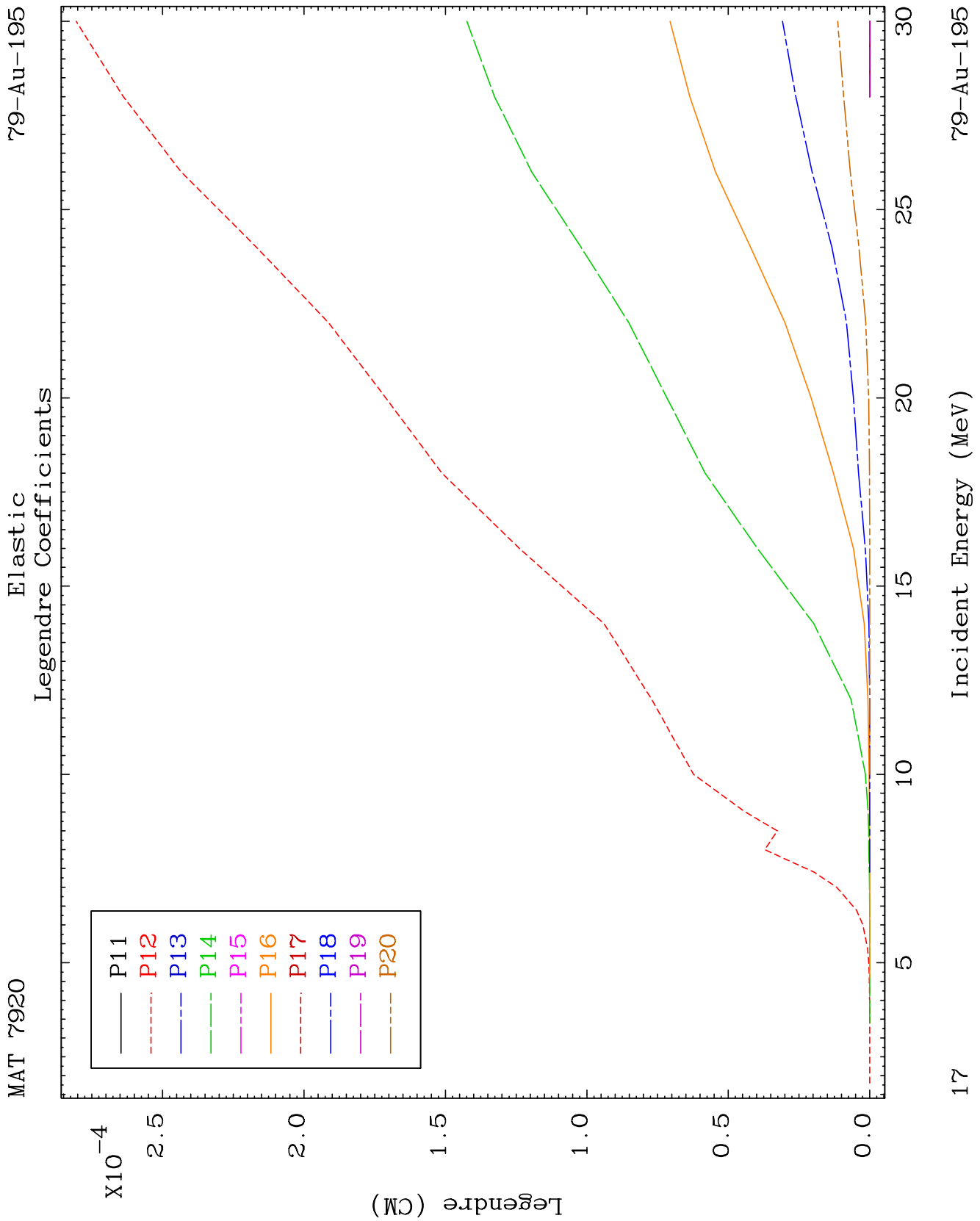
MAT 7920

(n, α) Levels
293 Kelvin Cross Sections

79-Au-195



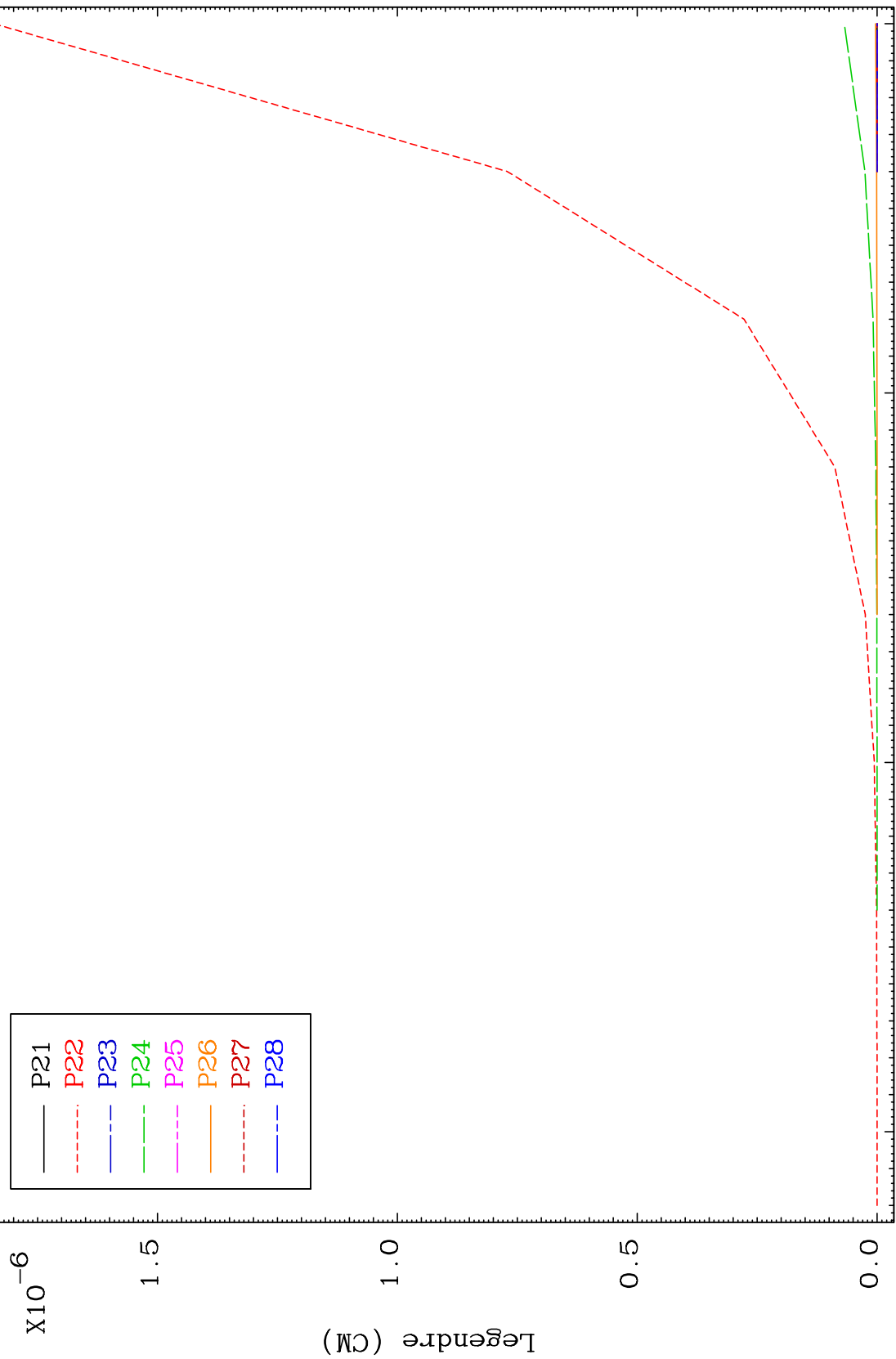
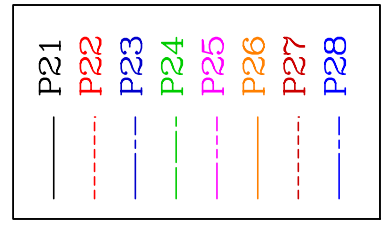




MAT 7920

Elastic Legendre Coefficients

79-Au-195



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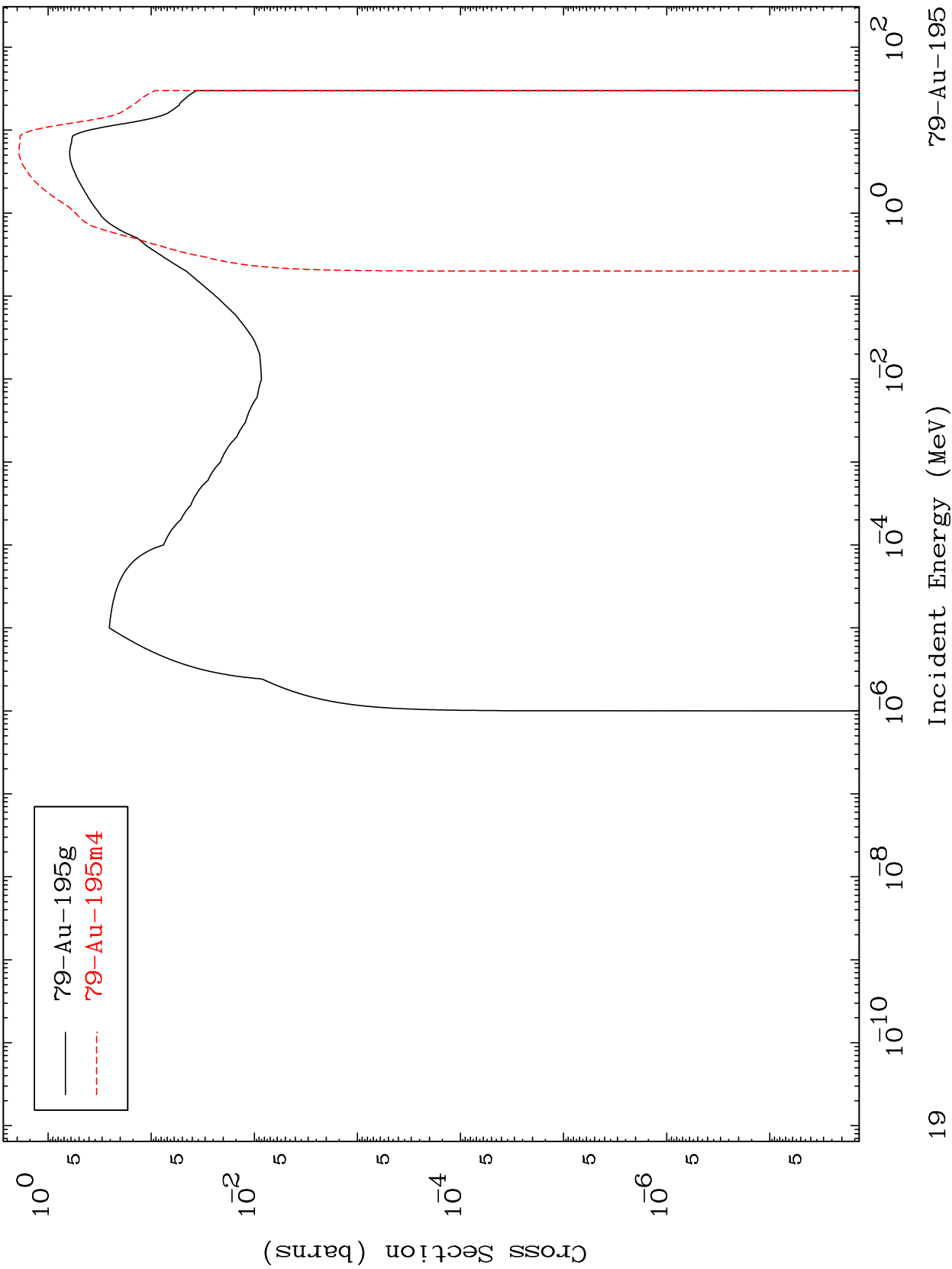
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

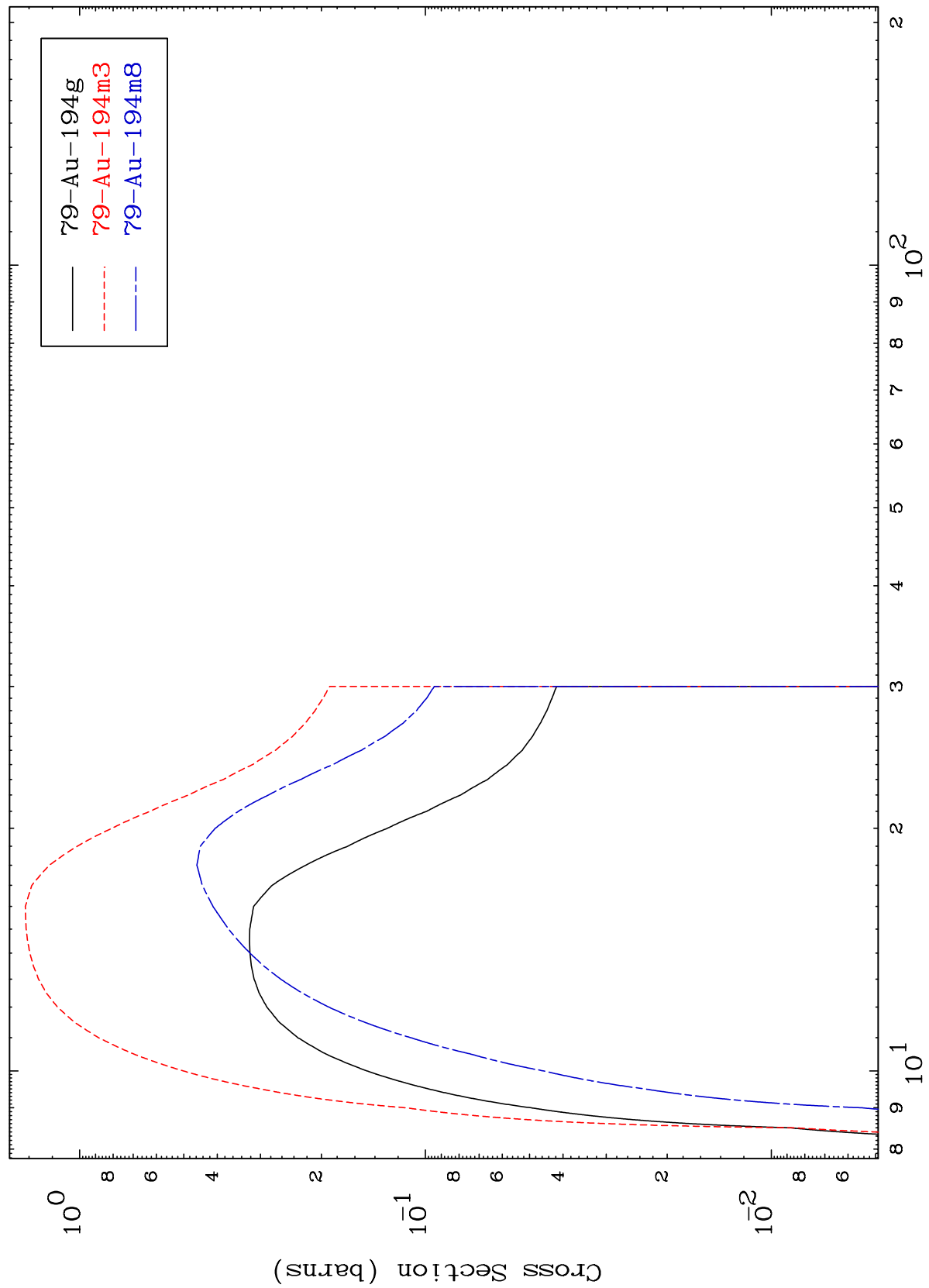
Inelastic
Radionuclide Production Cross Section



MAT 7920

79-Au-195

(n,2n)
Radionuclide Production Cross Section



79-Au-195

Incident Energy (MeV)

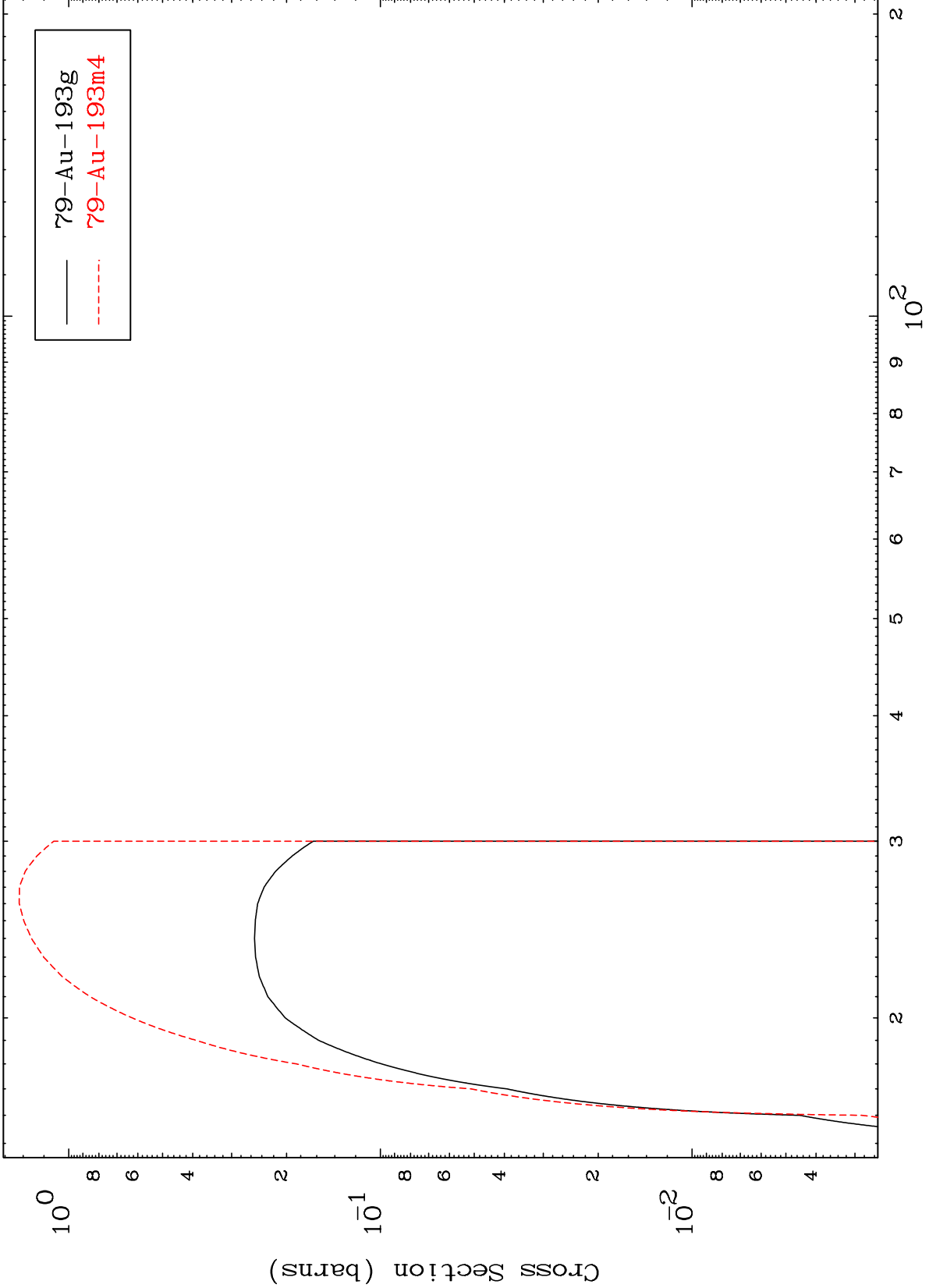
20

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(n,3n)

79-Au-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

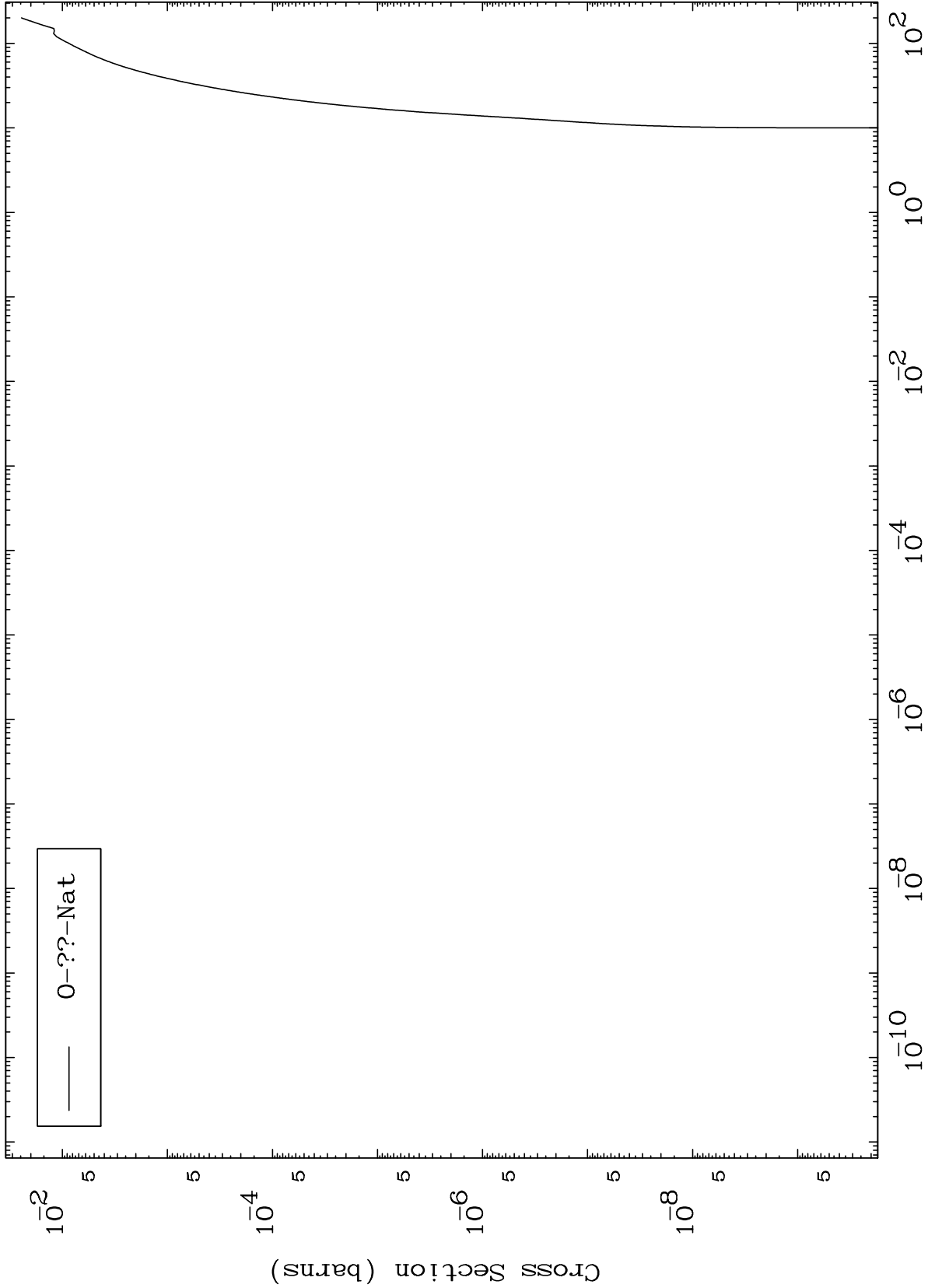
79-Au-195

MAT 7920

Fission

⁷⁹Au-195

Radionuclide Production Cross Section

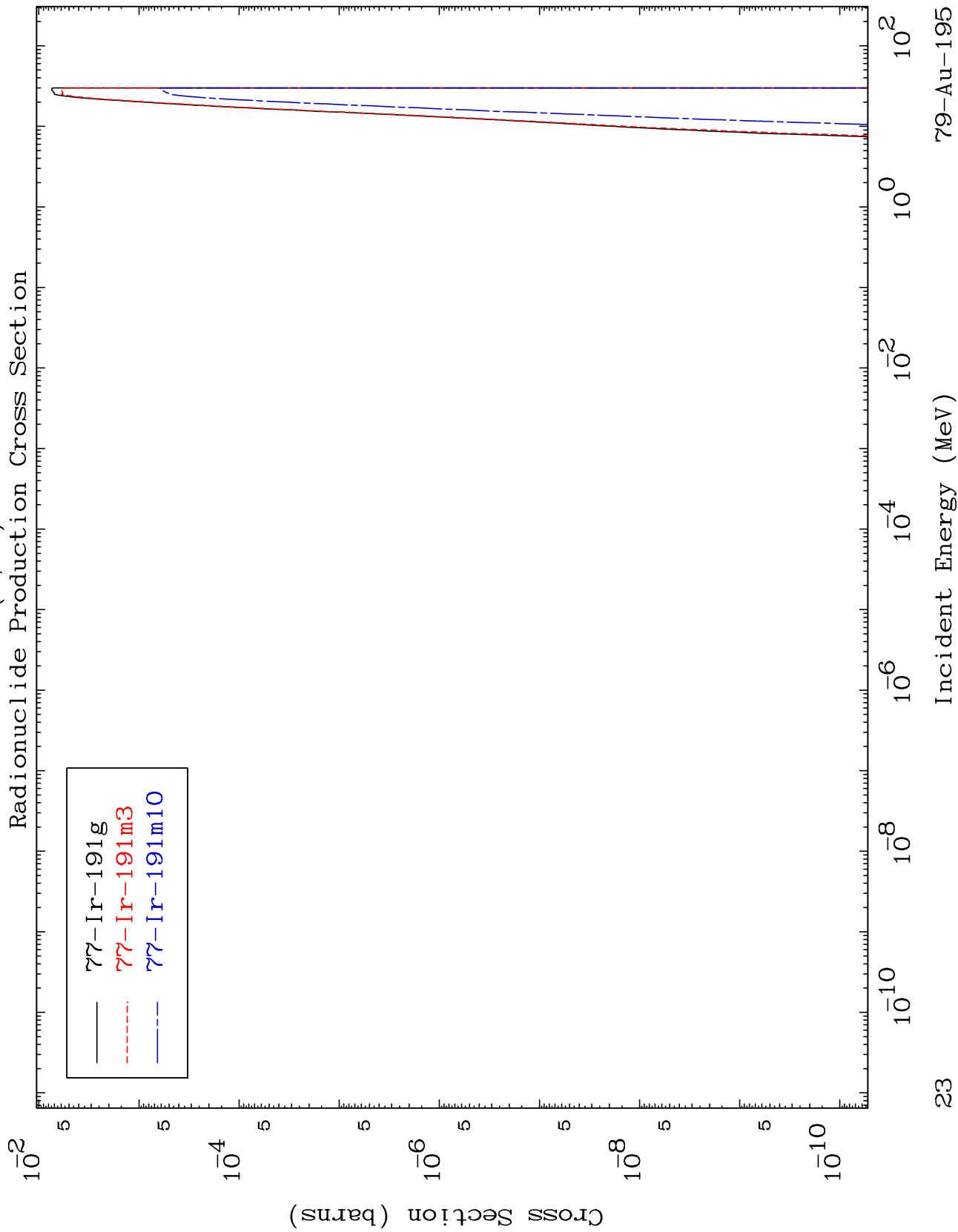


MAT 7920

$(n, n') \alpha$

$^{79}\text{Au-195}$

Radionuclide Production Cross Section

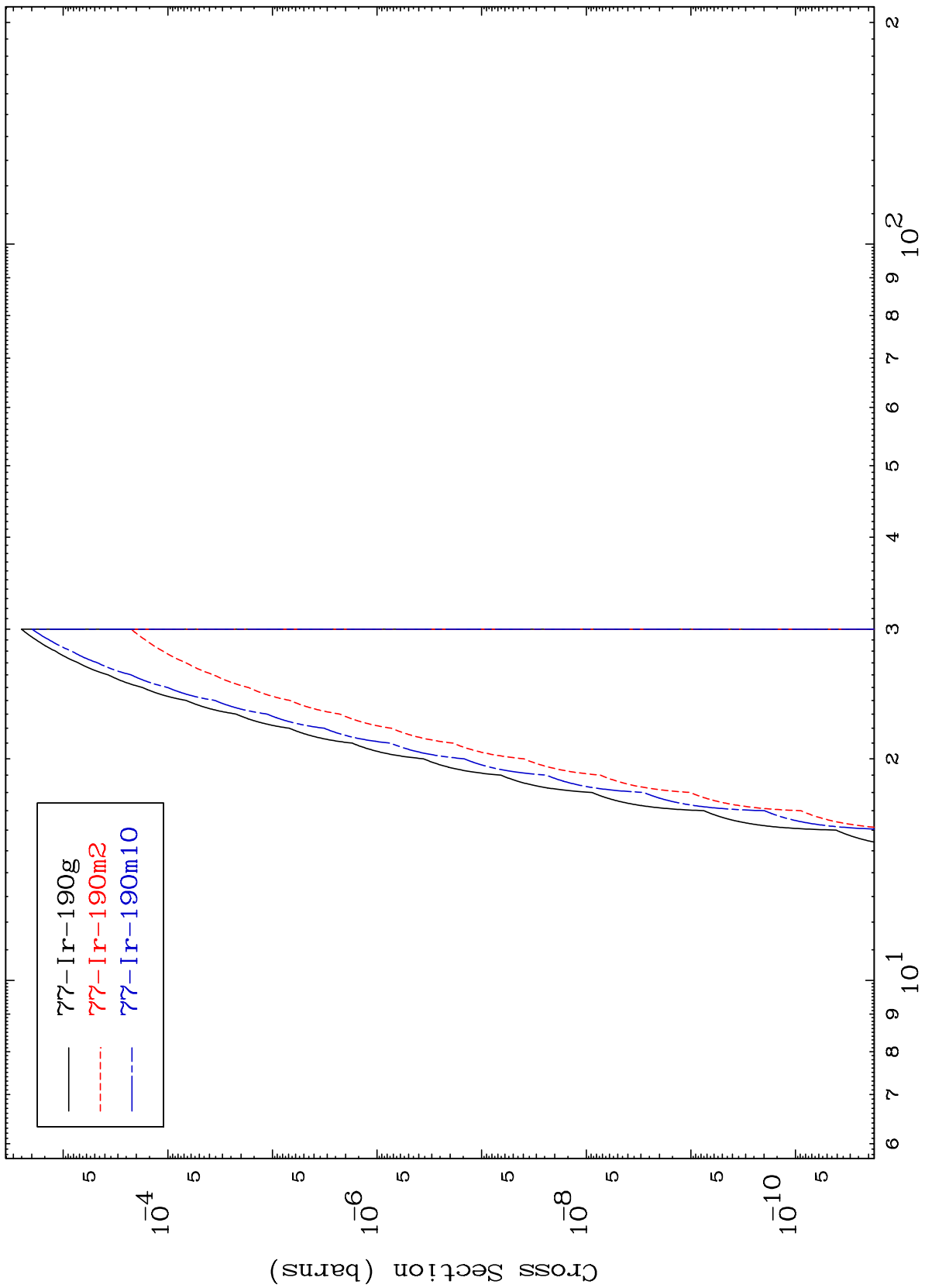


MAT 7920

$(n,2n) \alpha$

79-Au-195

Radionuclide Production Cross Section

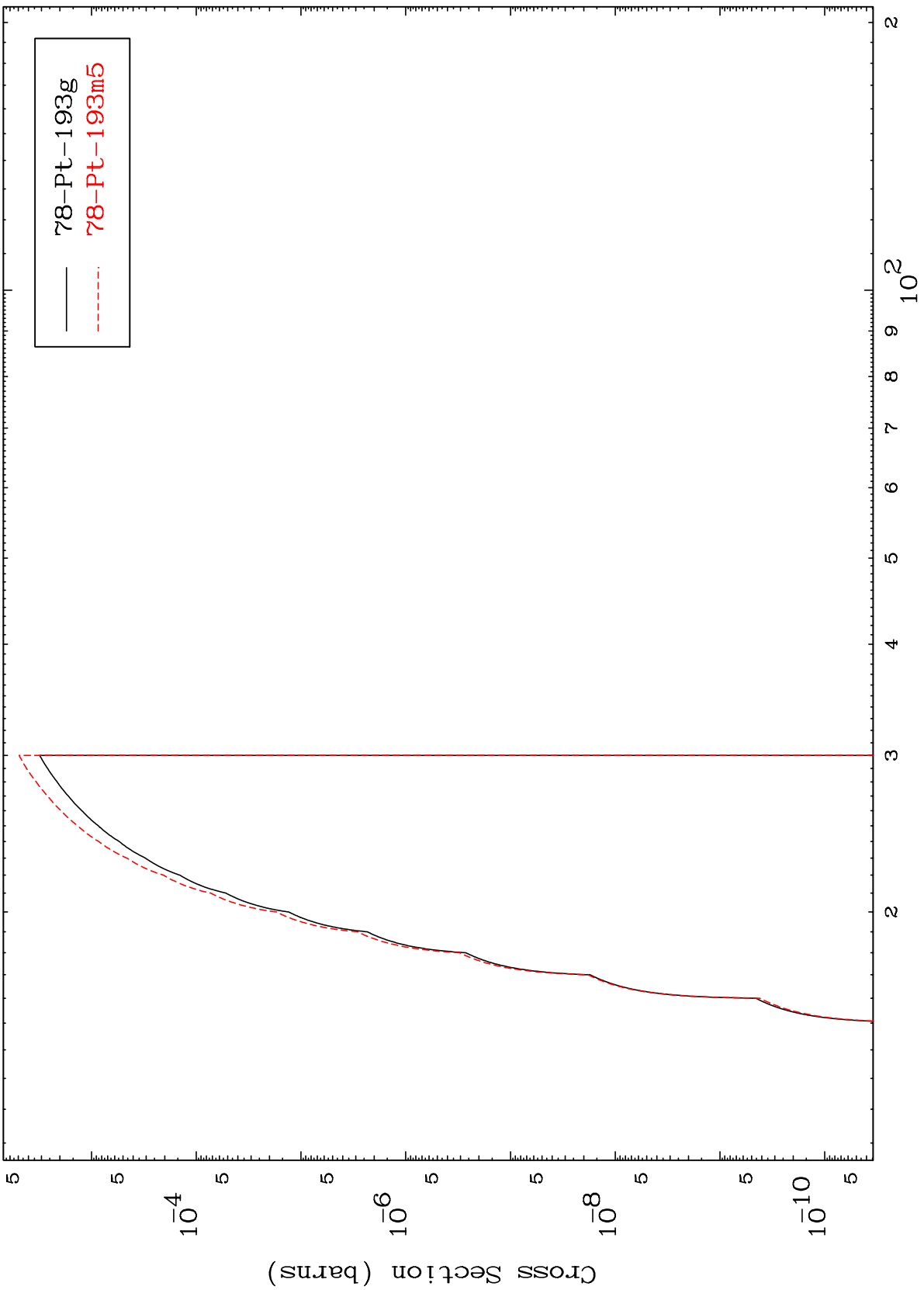


24

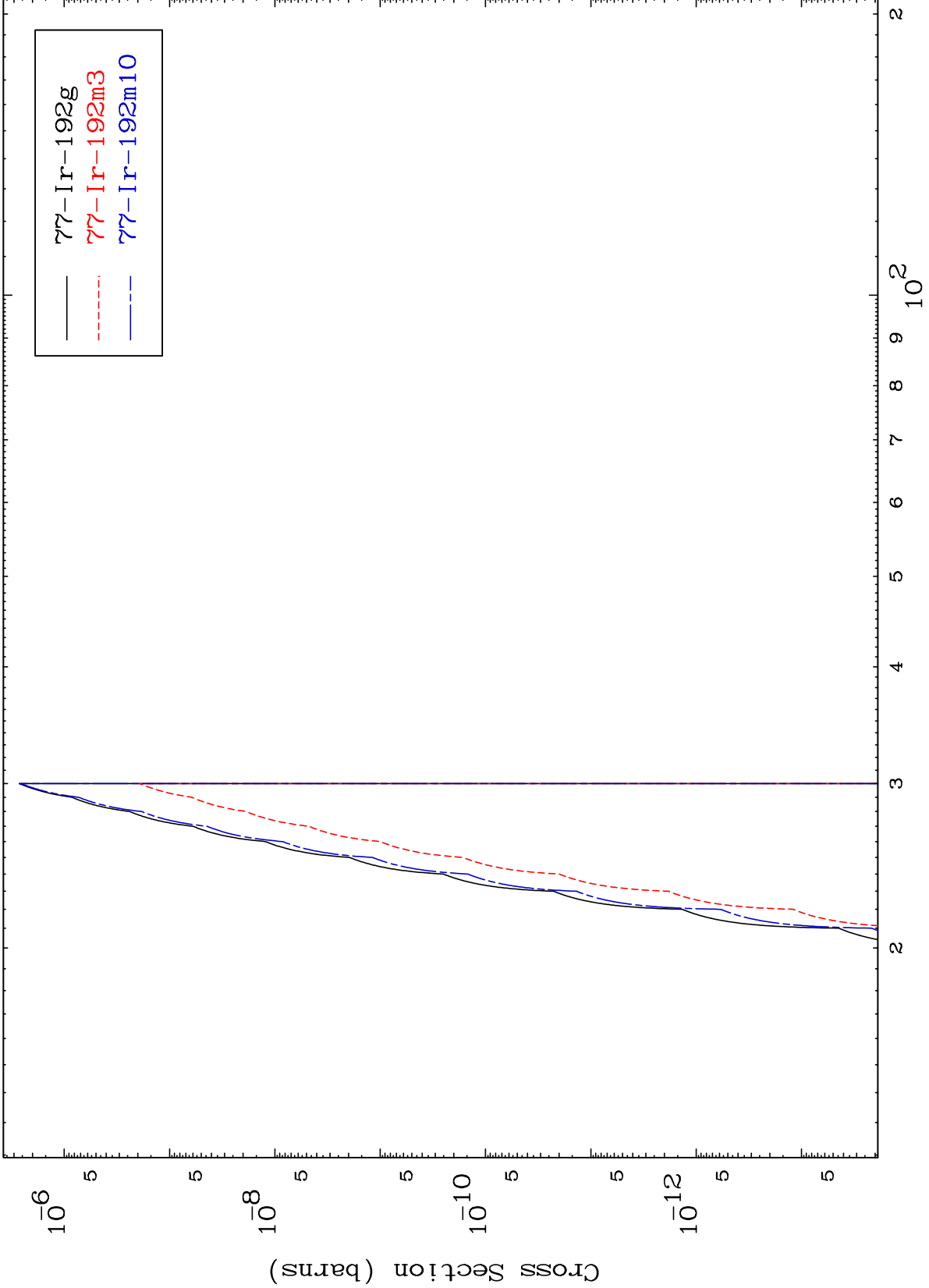
Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section



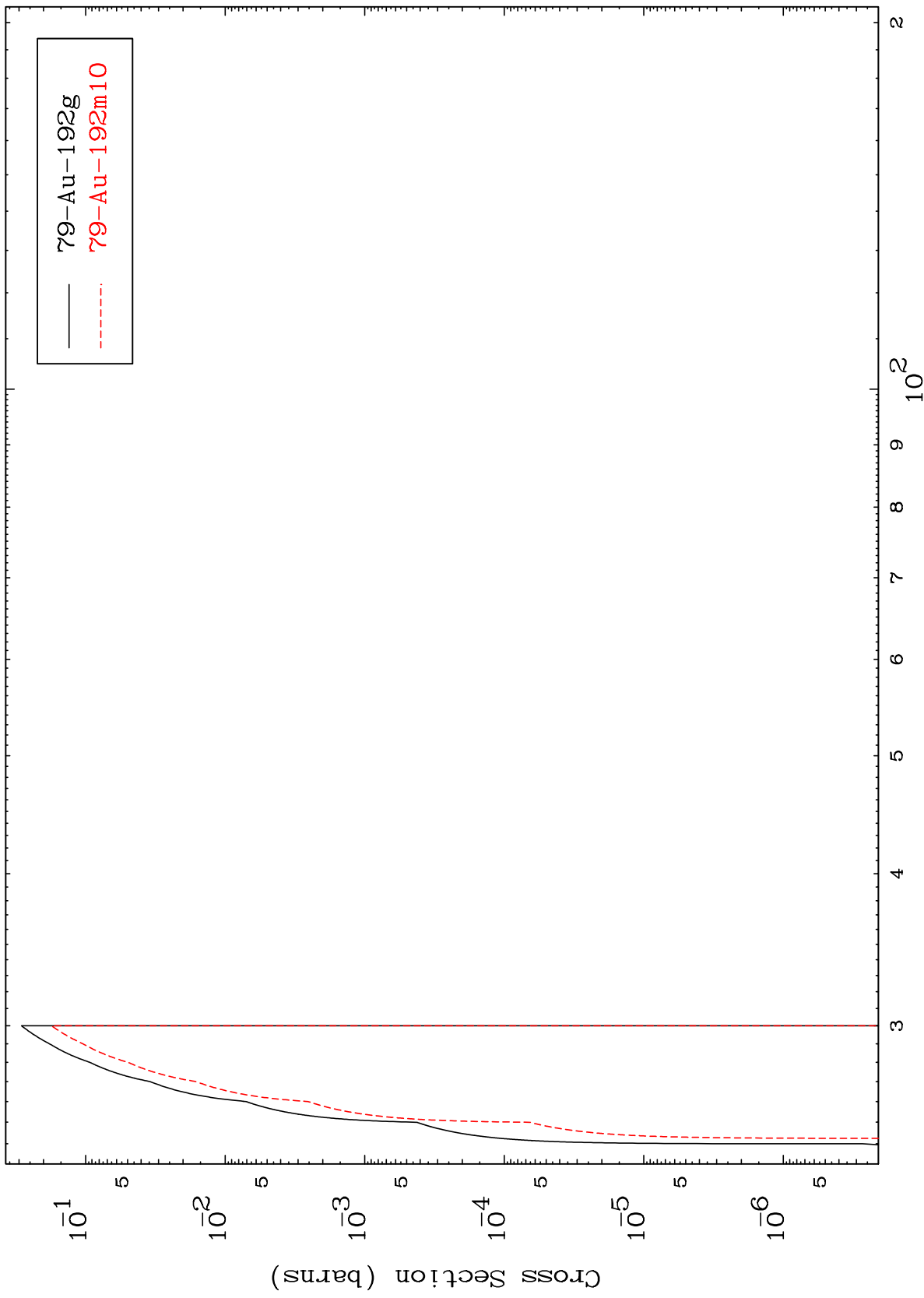
Radionuclide Production Cross Section



MAT 7920

79-Au-195

(n,4n)
Radionuclide Production Cross Section



27

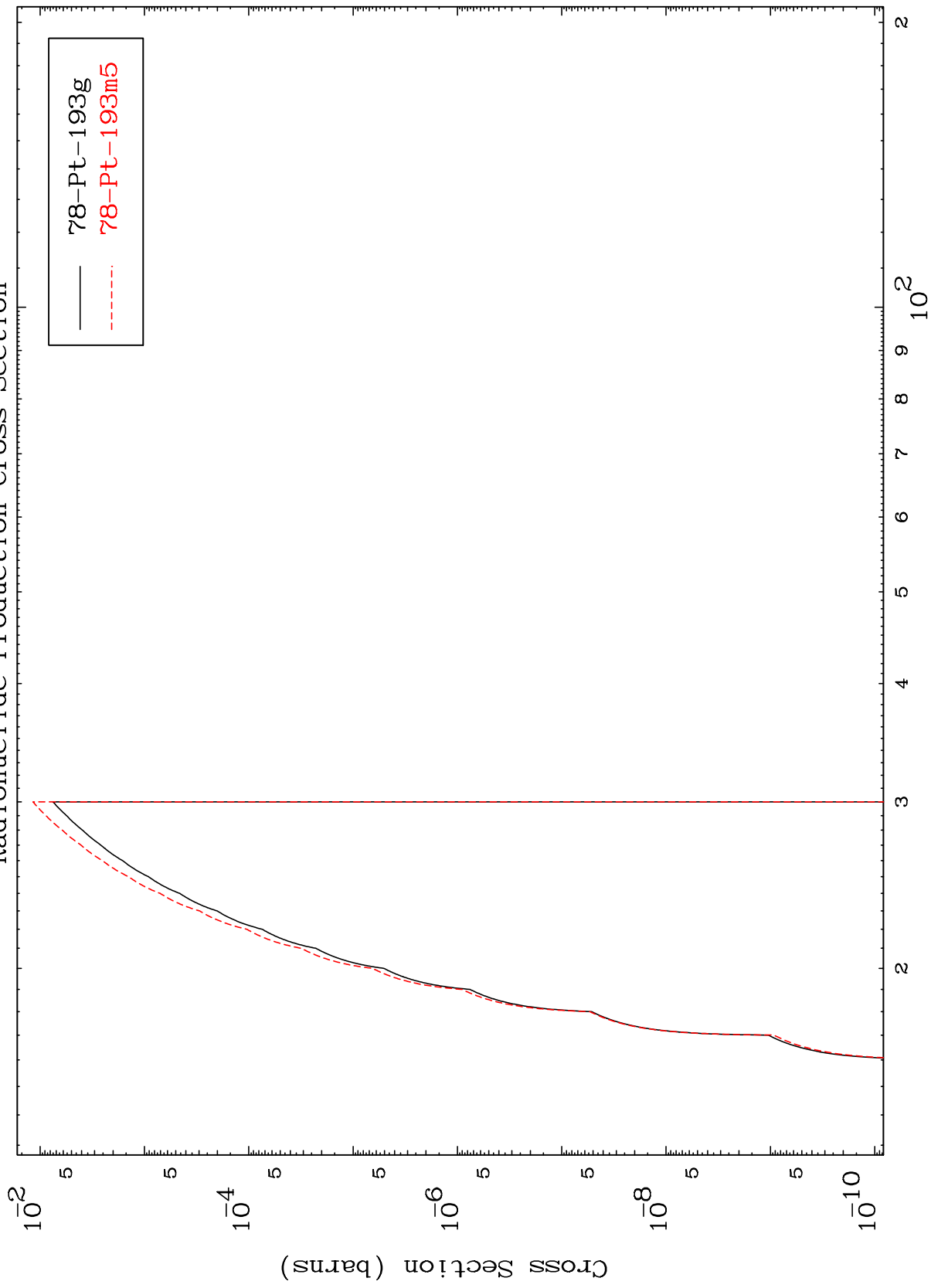
79-Au-195

Incident Energy (MeV)

MAT 7920

79-Au-195

(n,2n) p
Radionuclide Production Cross Section

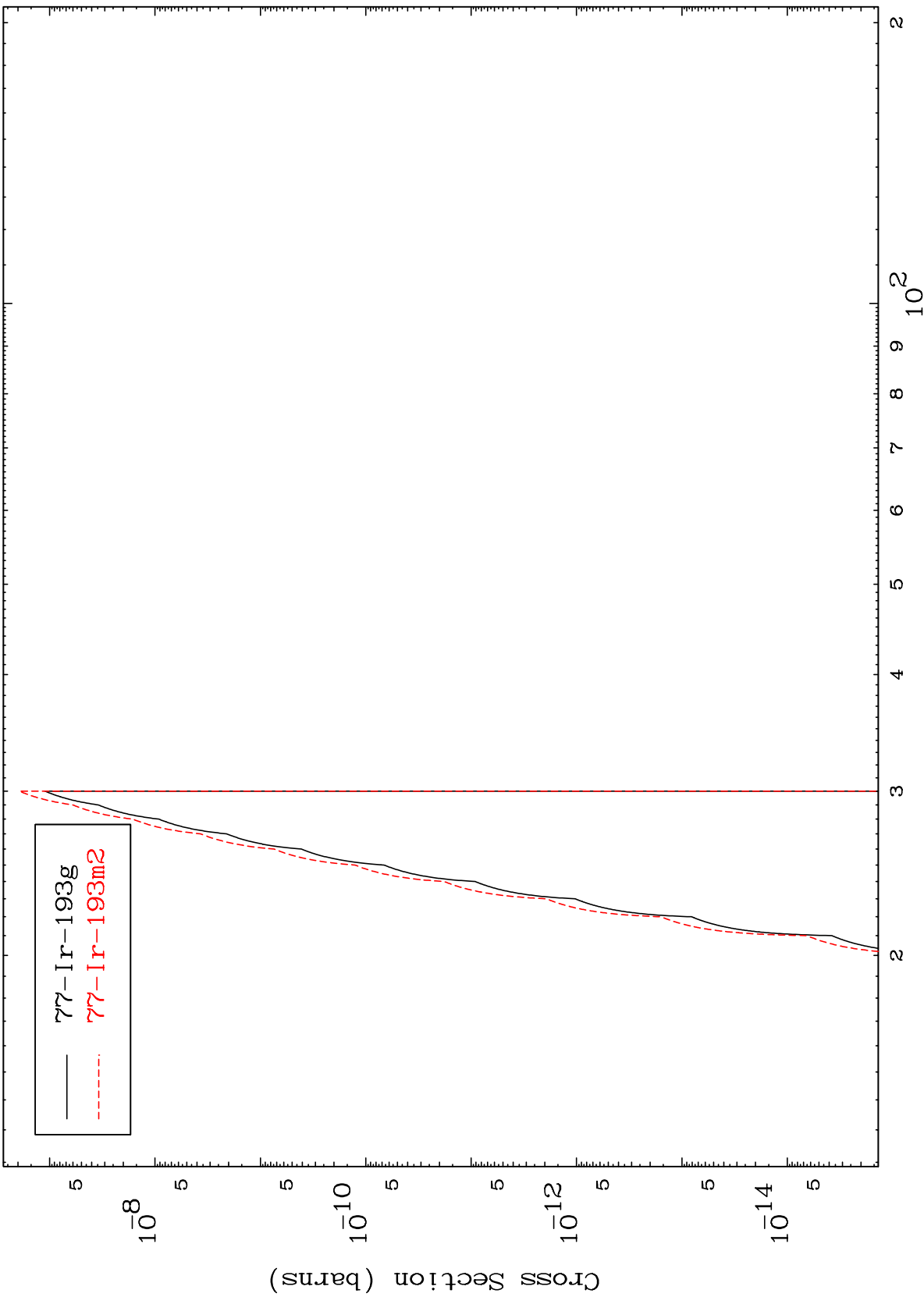


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Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section

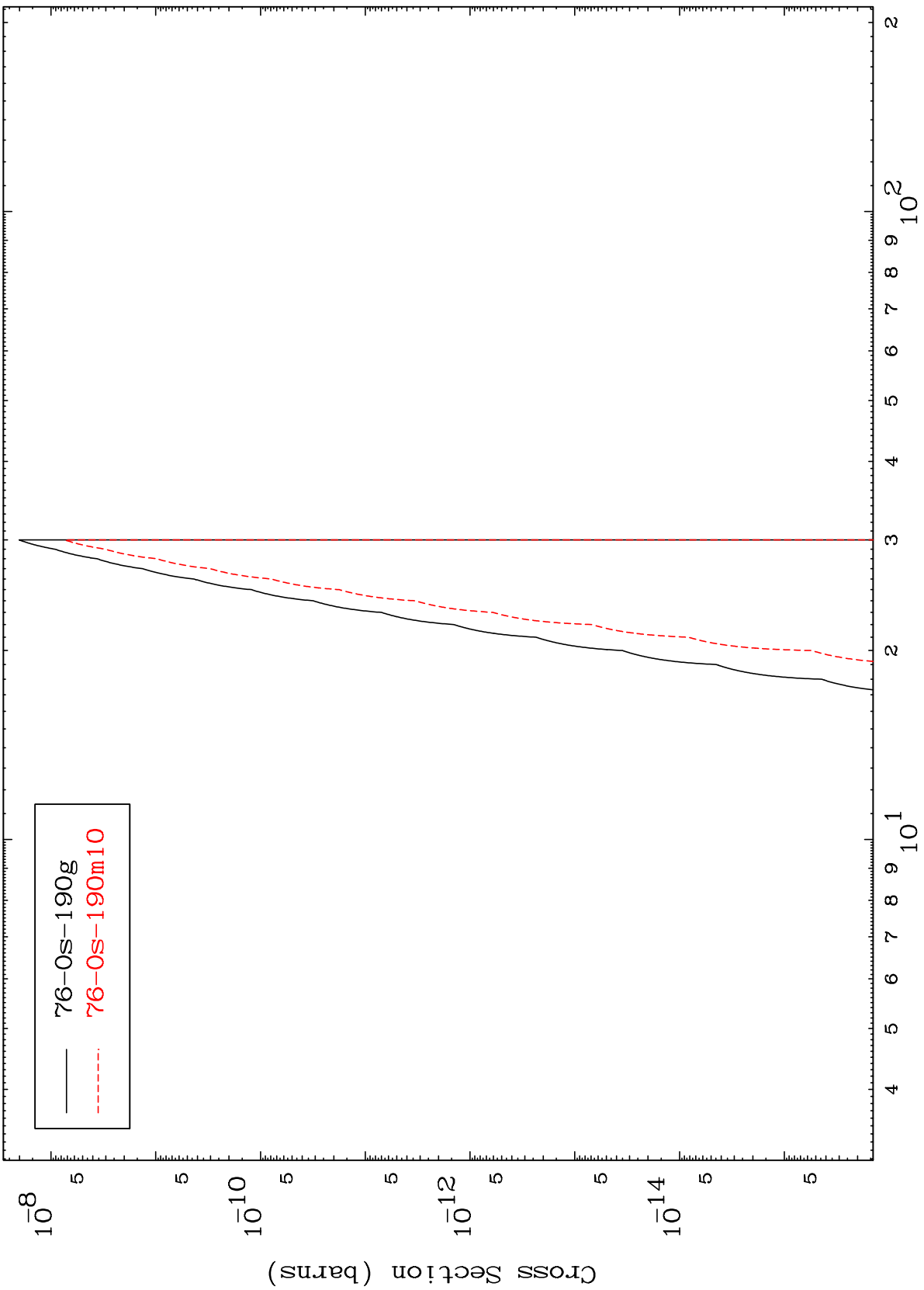


MAT 7920

(n,n') p α

79-Au-195

Radionuclide Production Cross Section



30

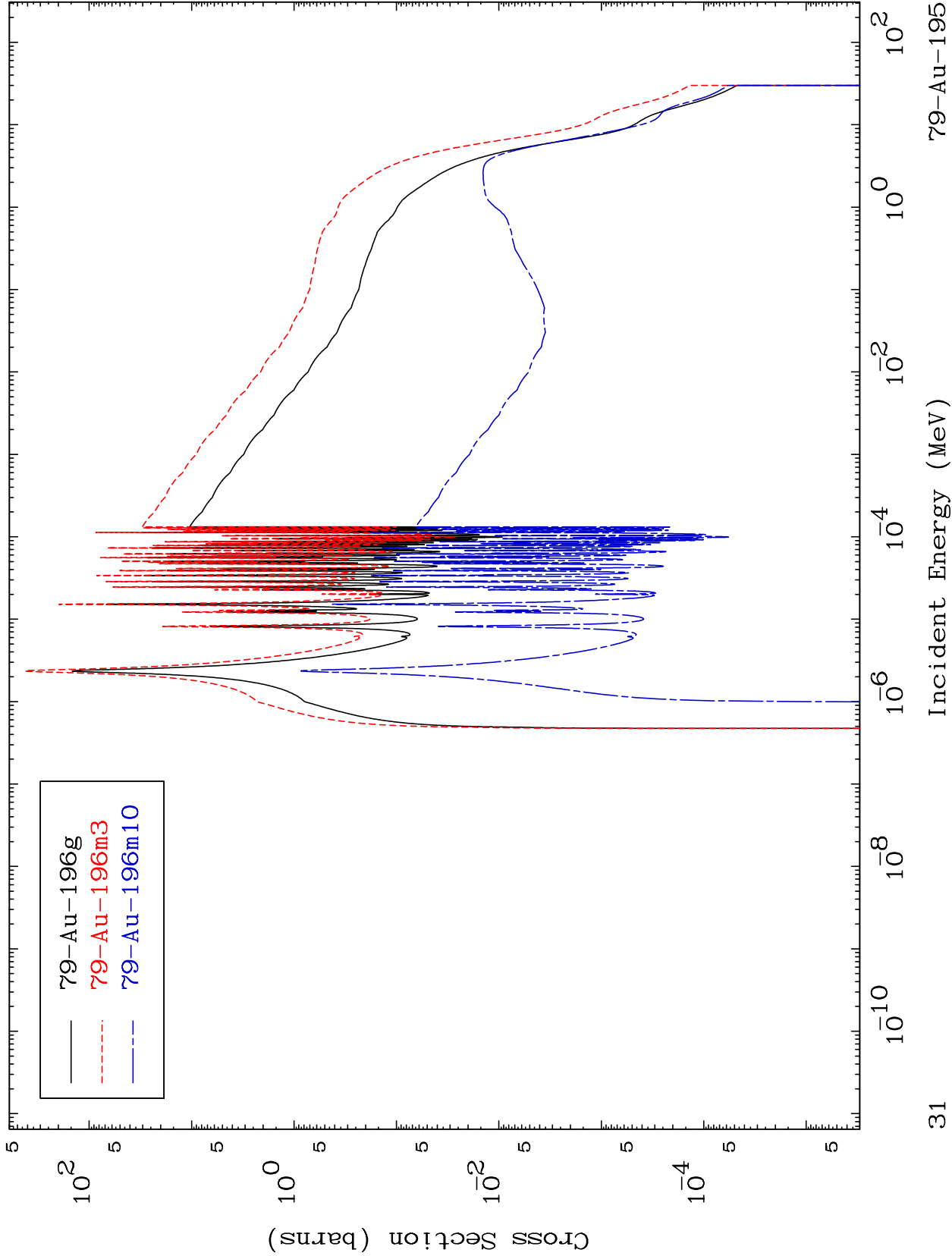
Incident Energy (MeV)

79-Au-195

MAT 7920

⁷⁹Au-195

(n,γ)
Radionuclide Production Cross Section

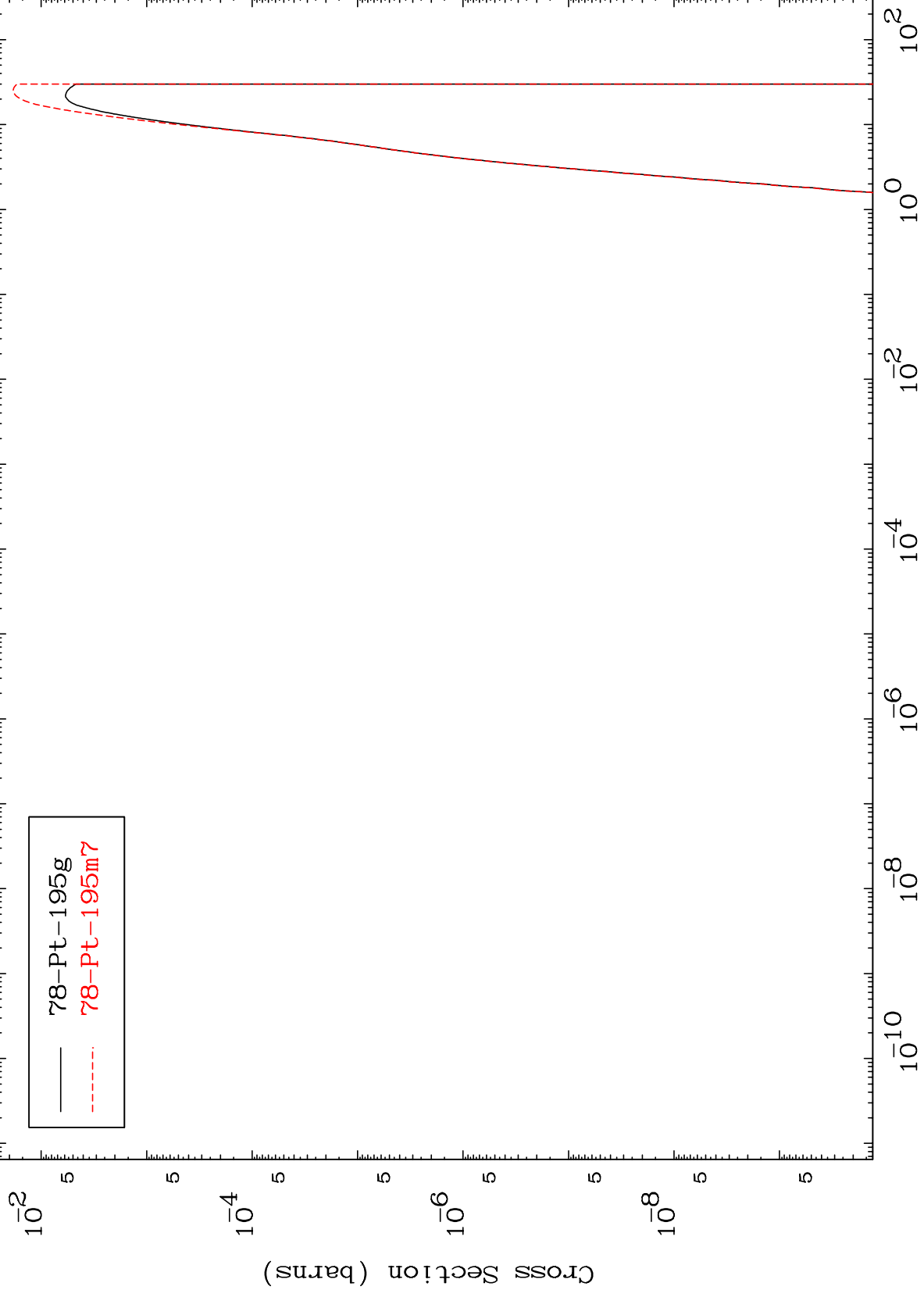


MAT 7920

(n,p)

79-Au-195

Radionuclide Production Cross Section



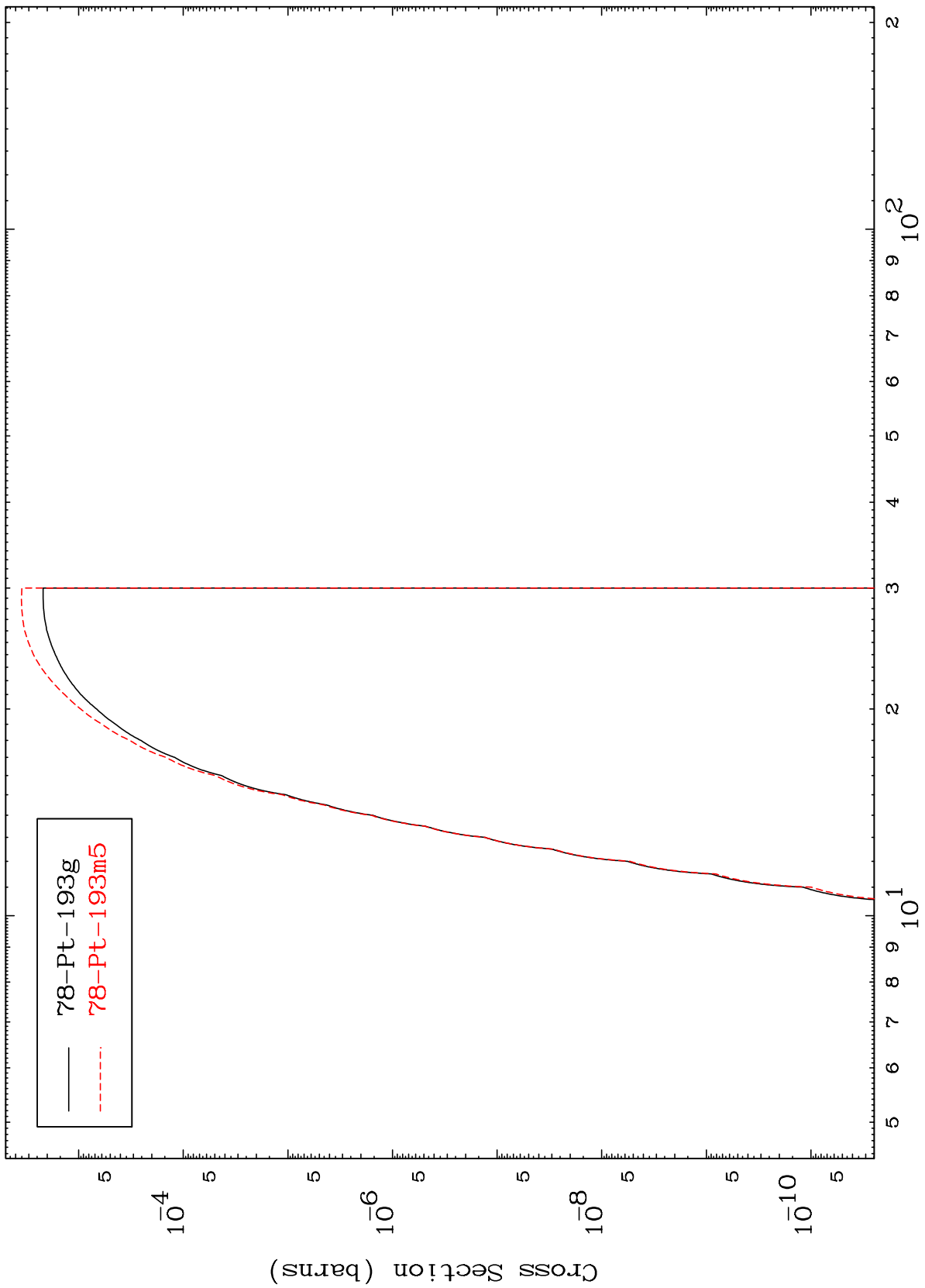
78-Pt-195g
78-Pt-195m7

Incident Energy (MeV)

79-Au-195

32

(n, t)
Radionuclide Production Cross Section

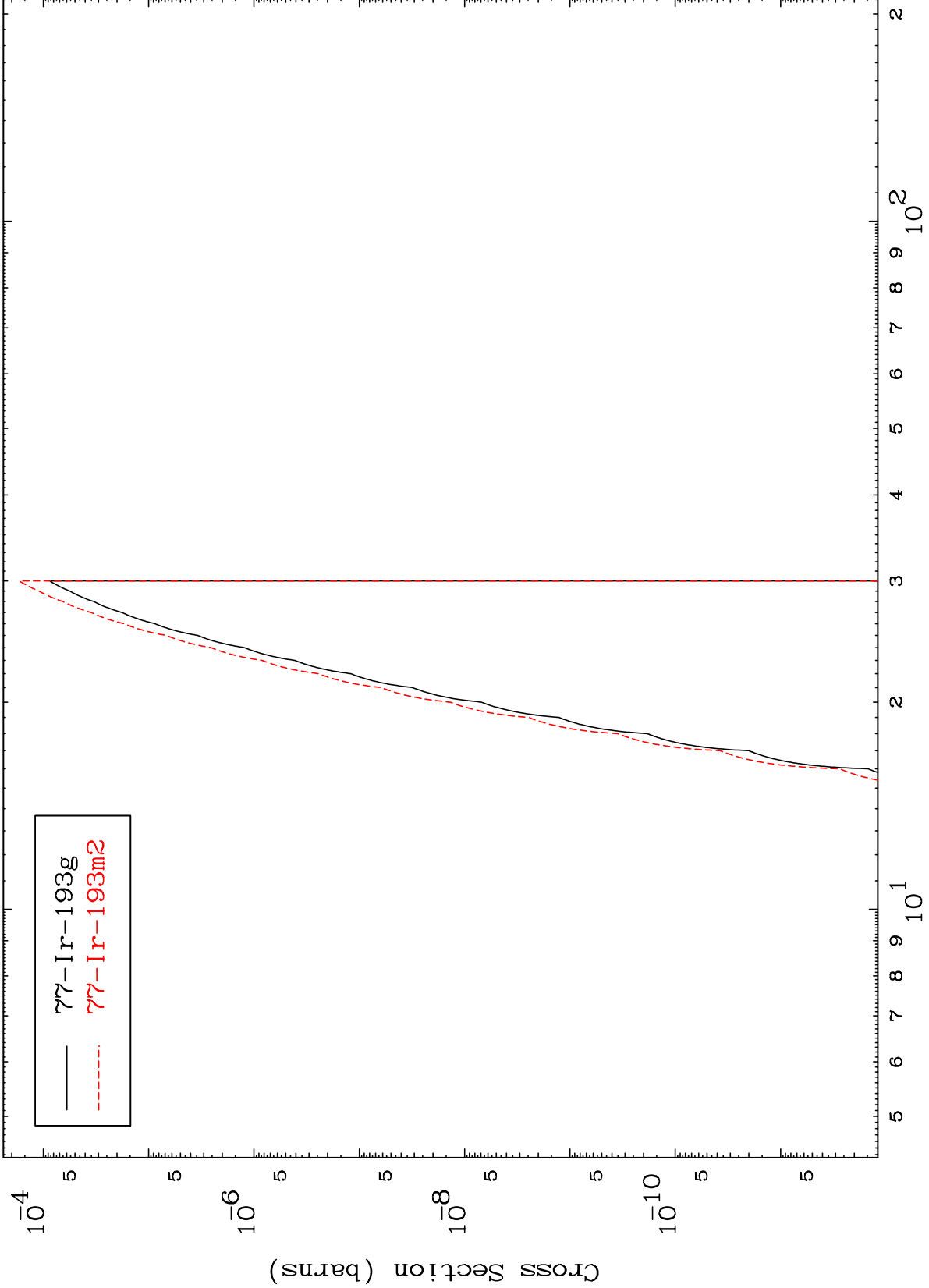


MAT 7920

(n,He-3)

79-Au-195

Radionuclide Production Cross Section

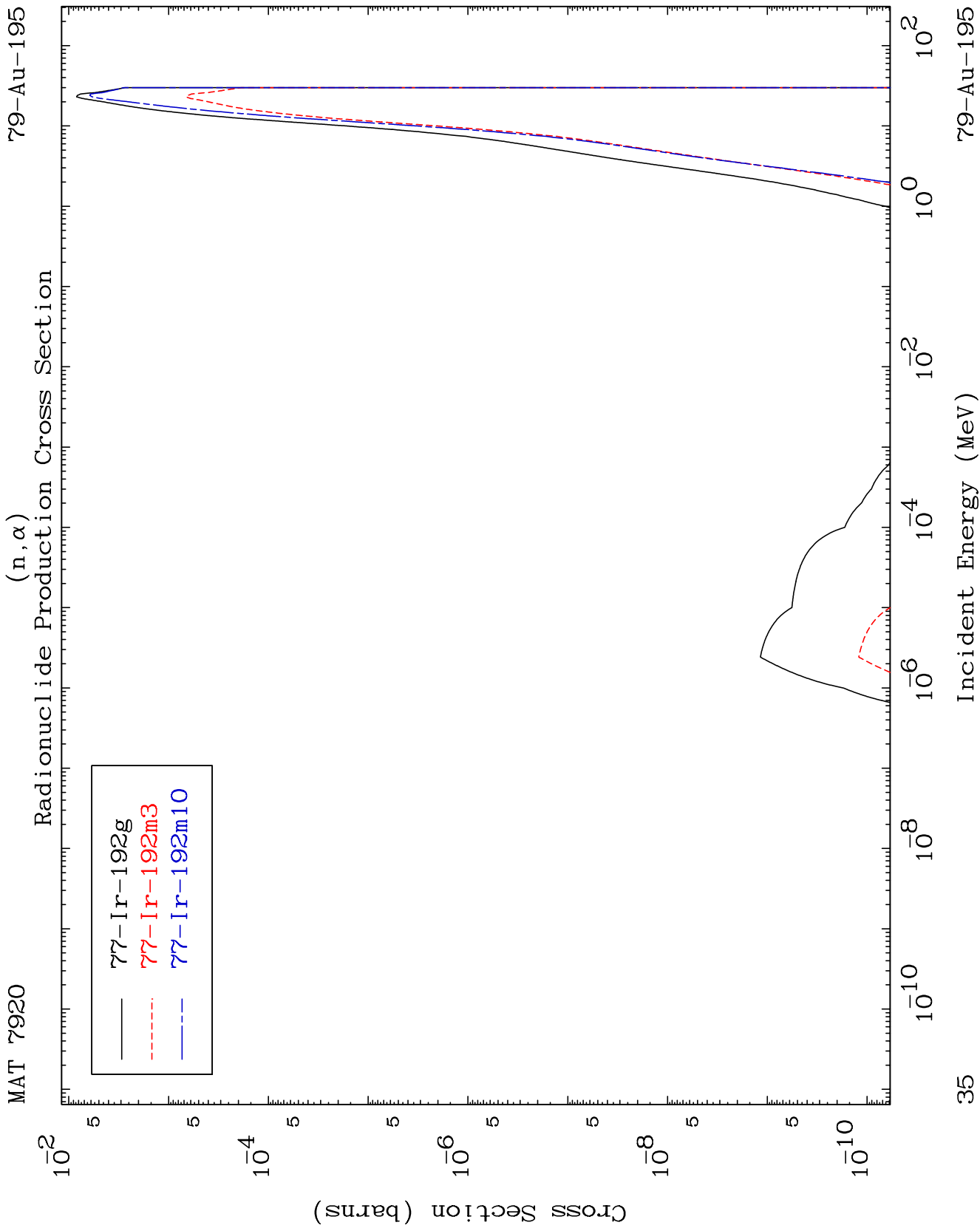


— $^{77}\text{Ir-193g}$
- - - $^{77}\text{Ir-193m2}$

34

Incident Energy (MeV)

79-Au-195

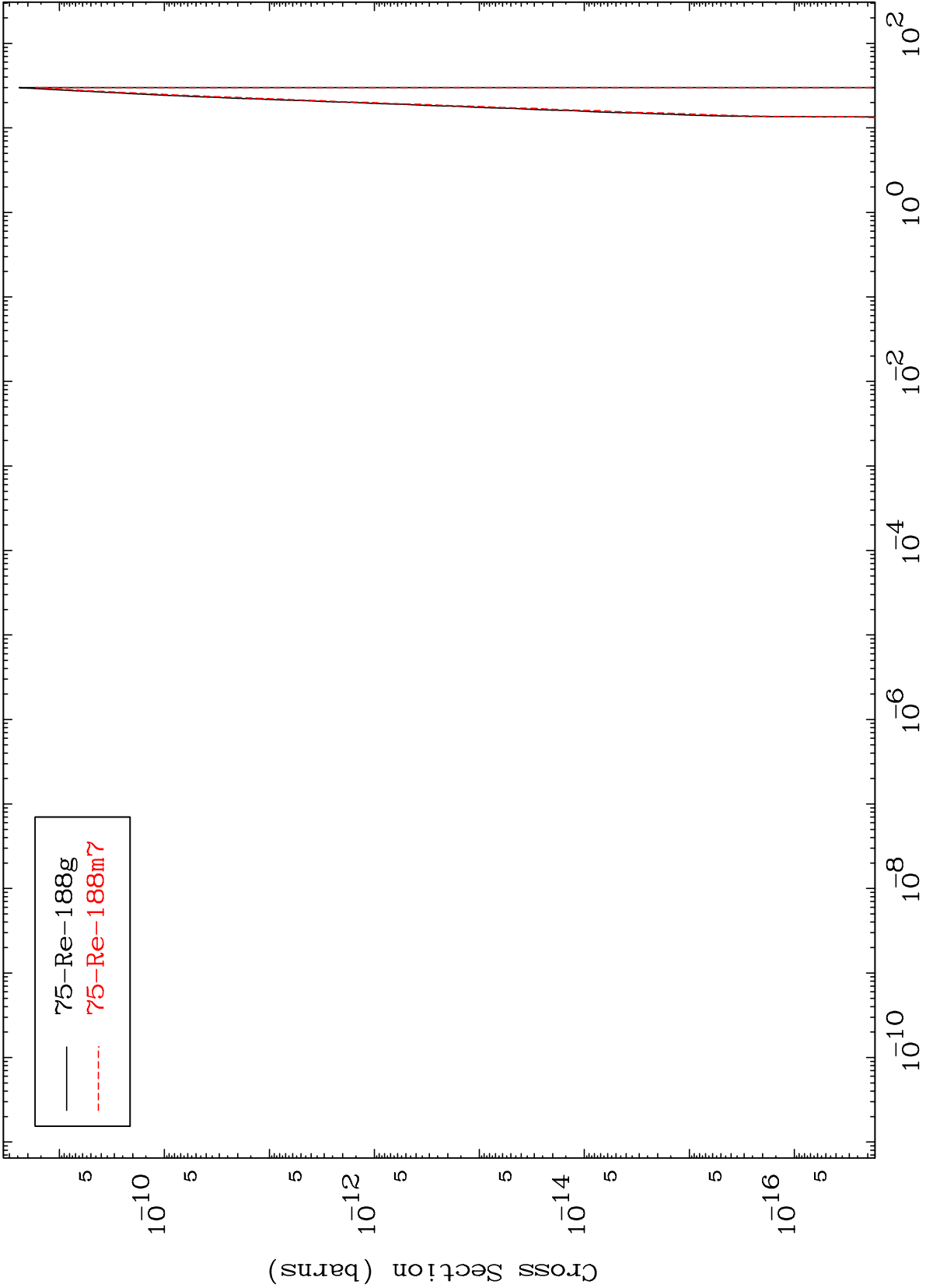


MAT 7920

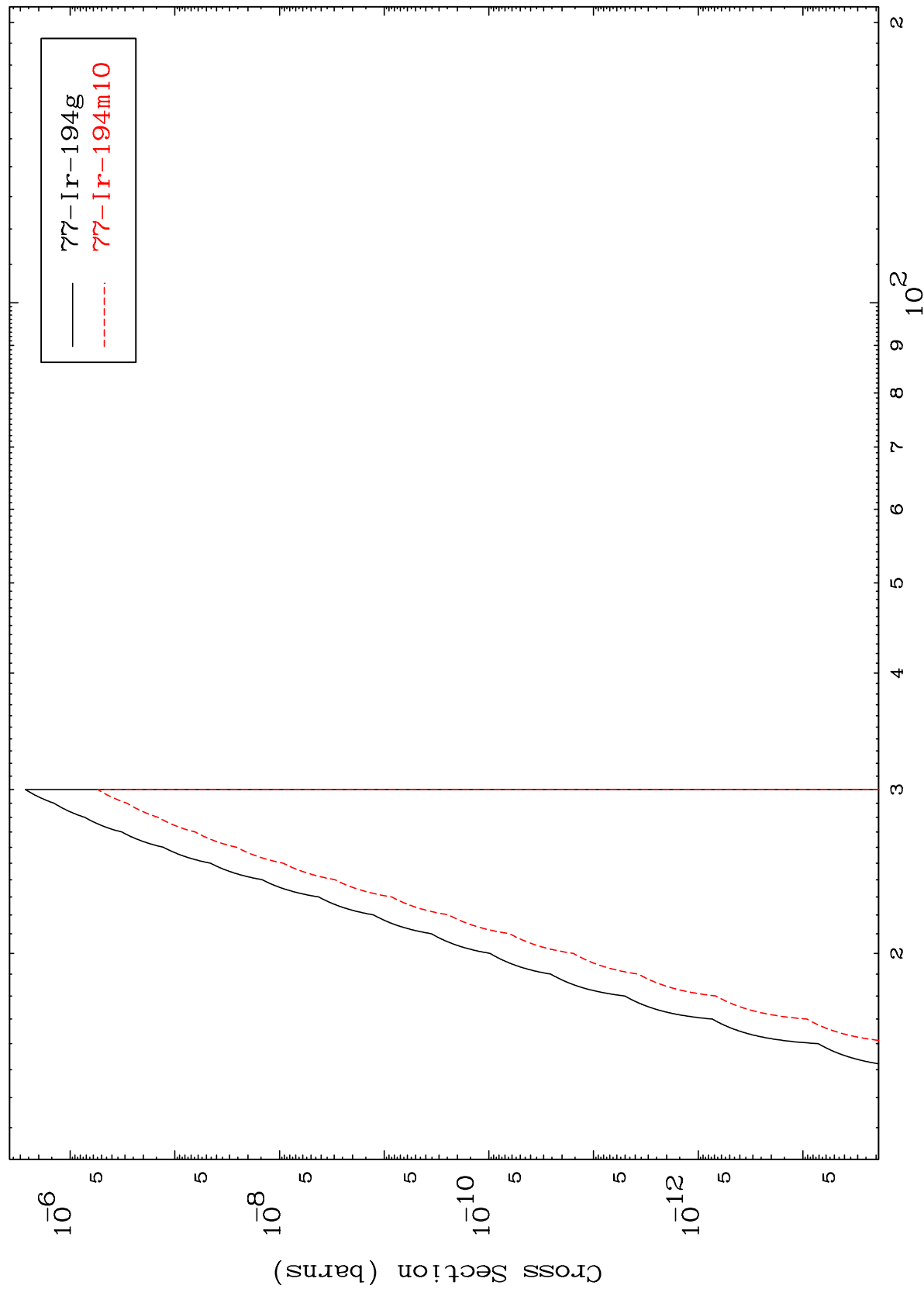
(n,2α)

79-Au-195

Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section

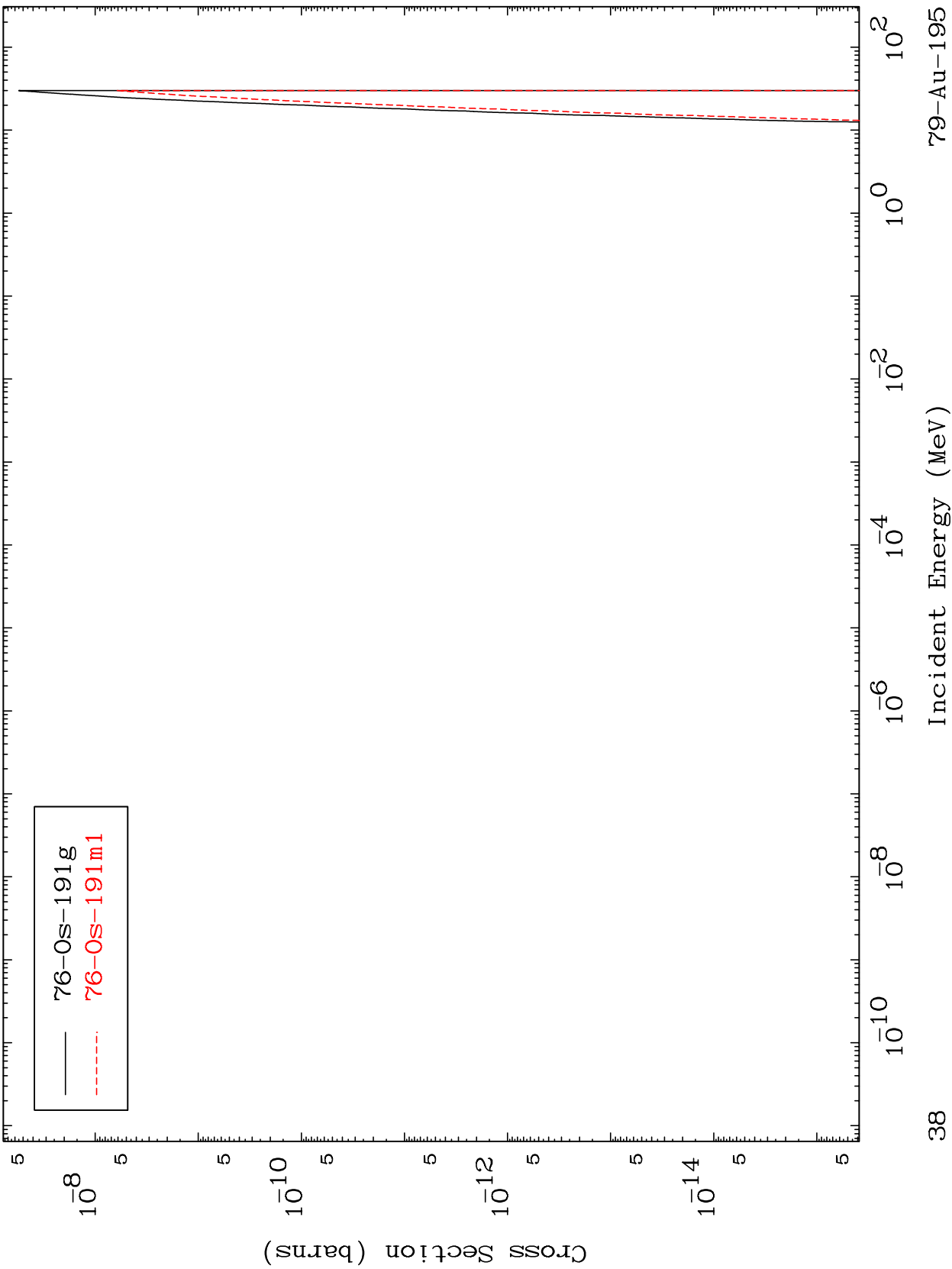


MAT 7920

(n,p) α

79-Au-195

Radionuclide Production Cross Section

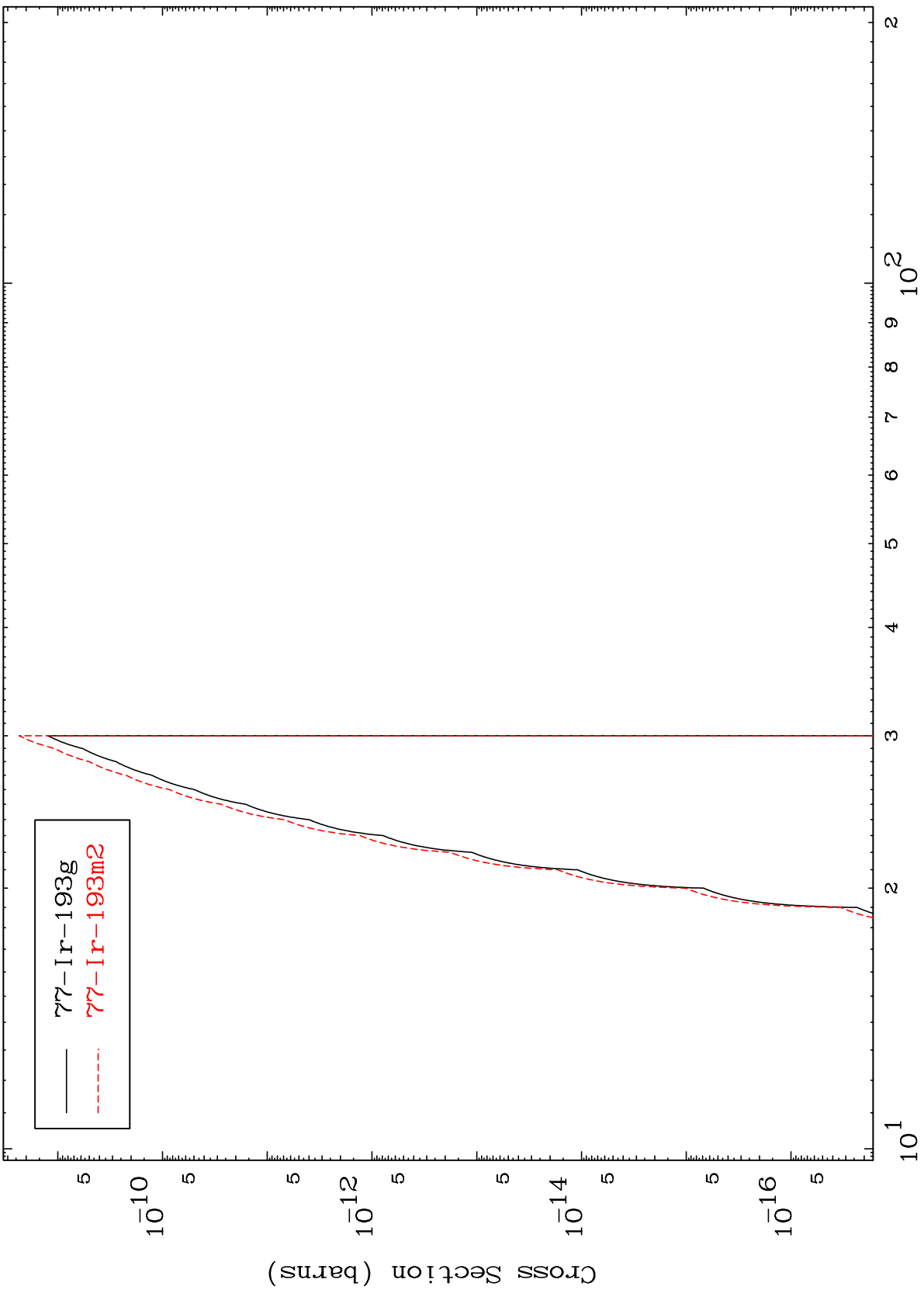


MAT 7920

(n,p) d

79-Au-195

Radionuclide Production Cross Section



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Incident Energy (MeV)

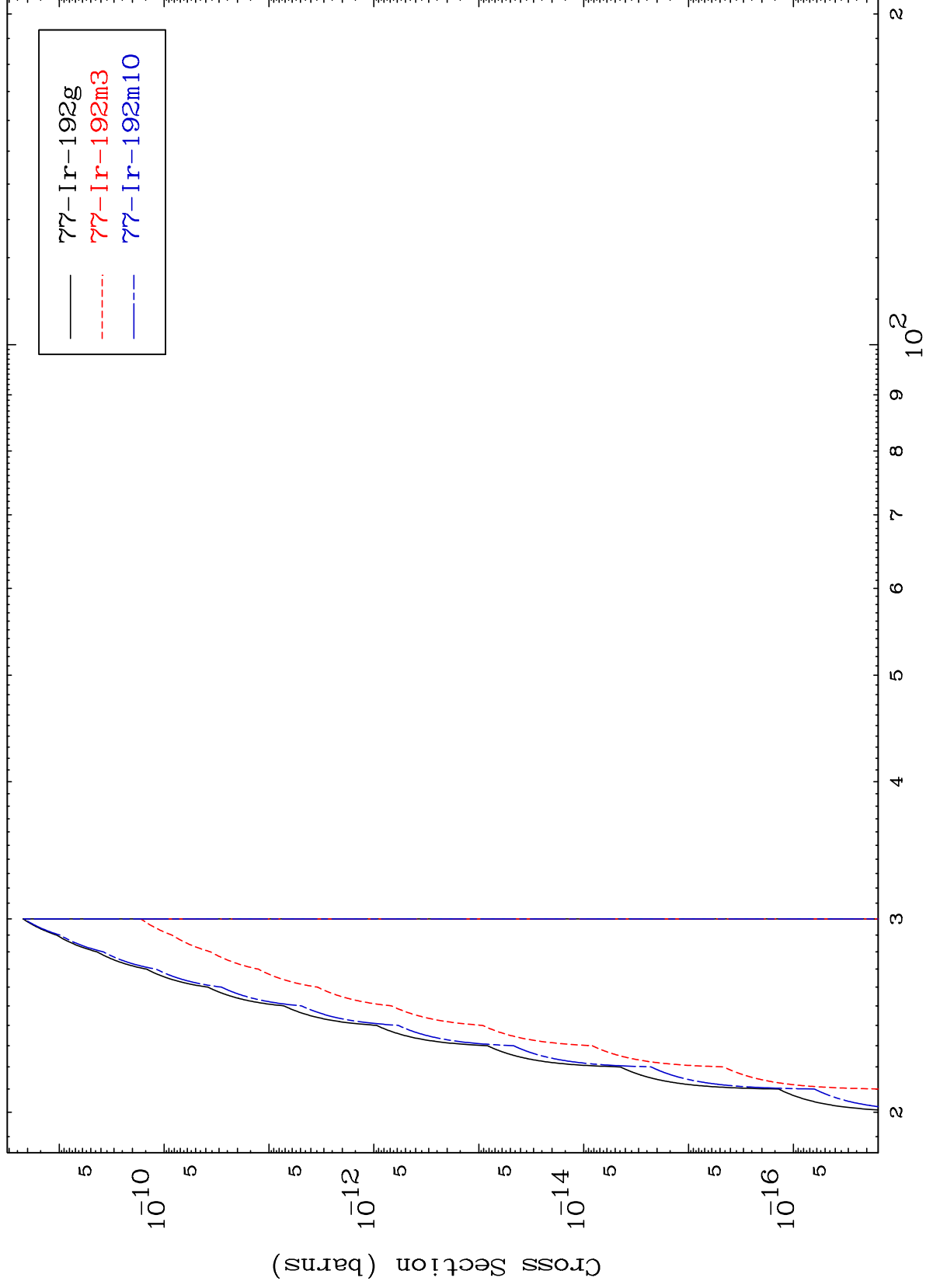
79-Au-195

MAT 7920

(n,p) t

79-Au-195

Radionuclide Production Cross Section



40

Incident Energy (MeV)

79-Au-195