

Program EVALPLOT
(Version 2015-2)

by

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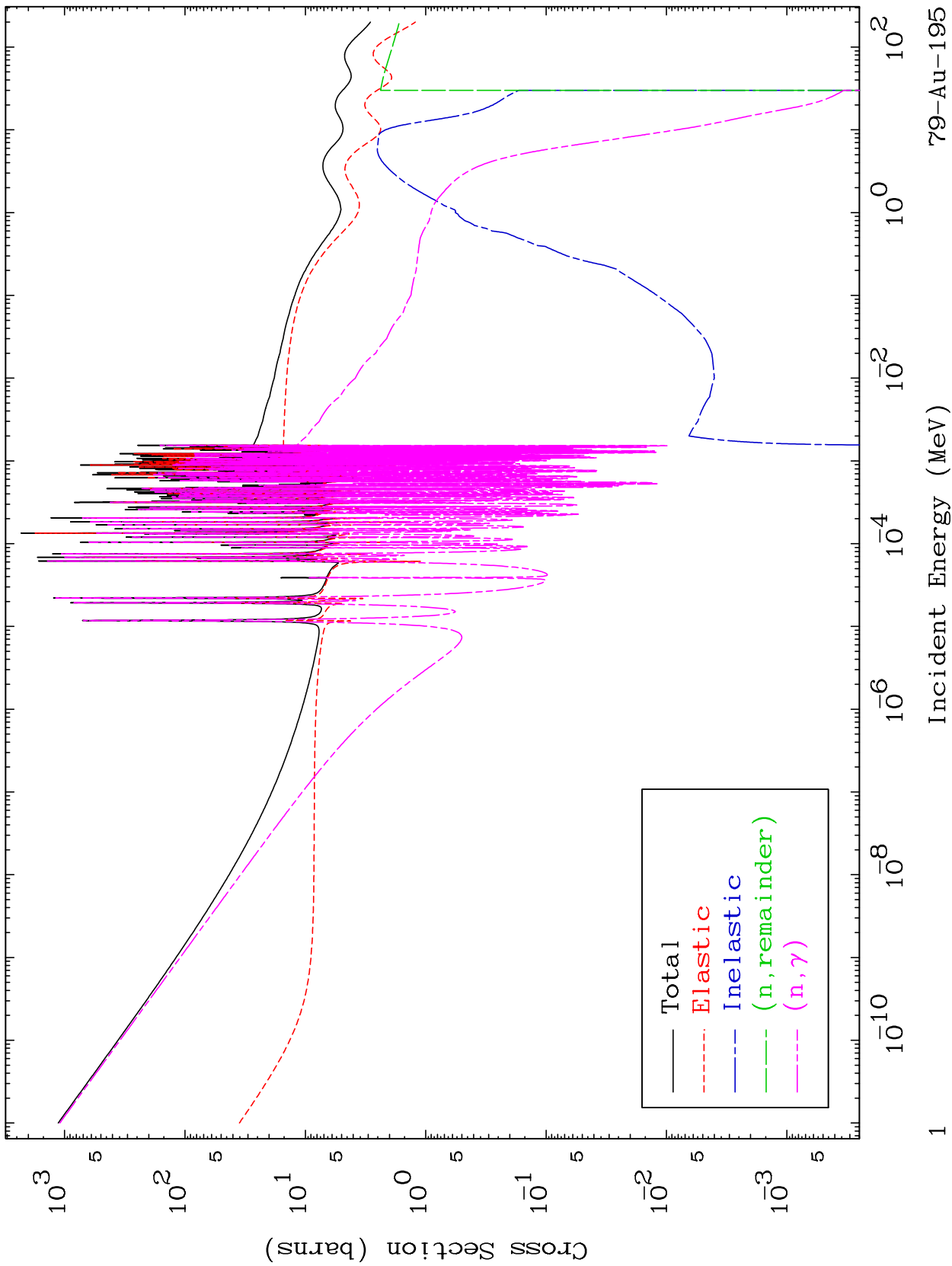
Press Mouse Button to Start

MAT 7920

Major

293 Kelvin Cross Sections

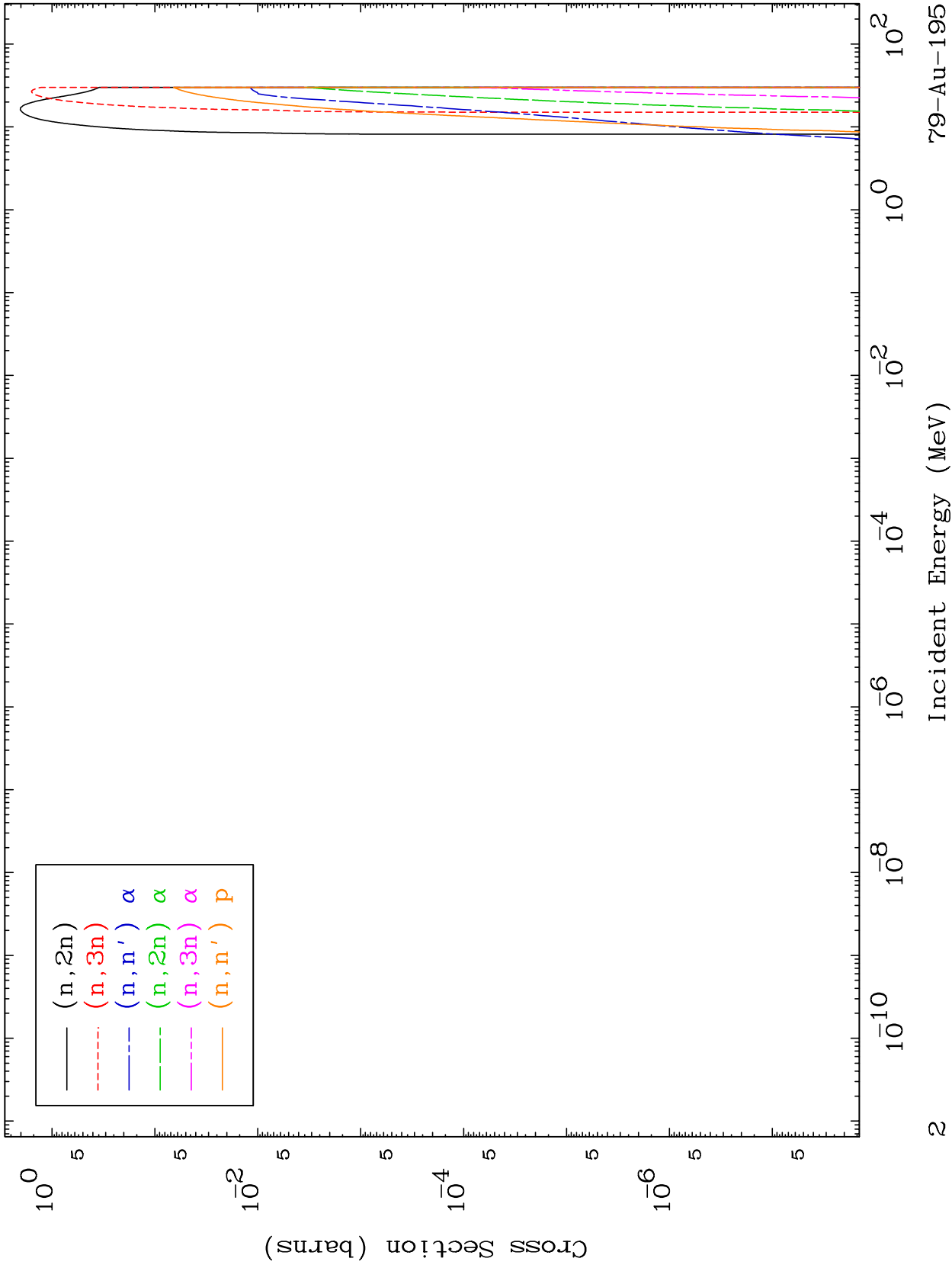
79-Au-195

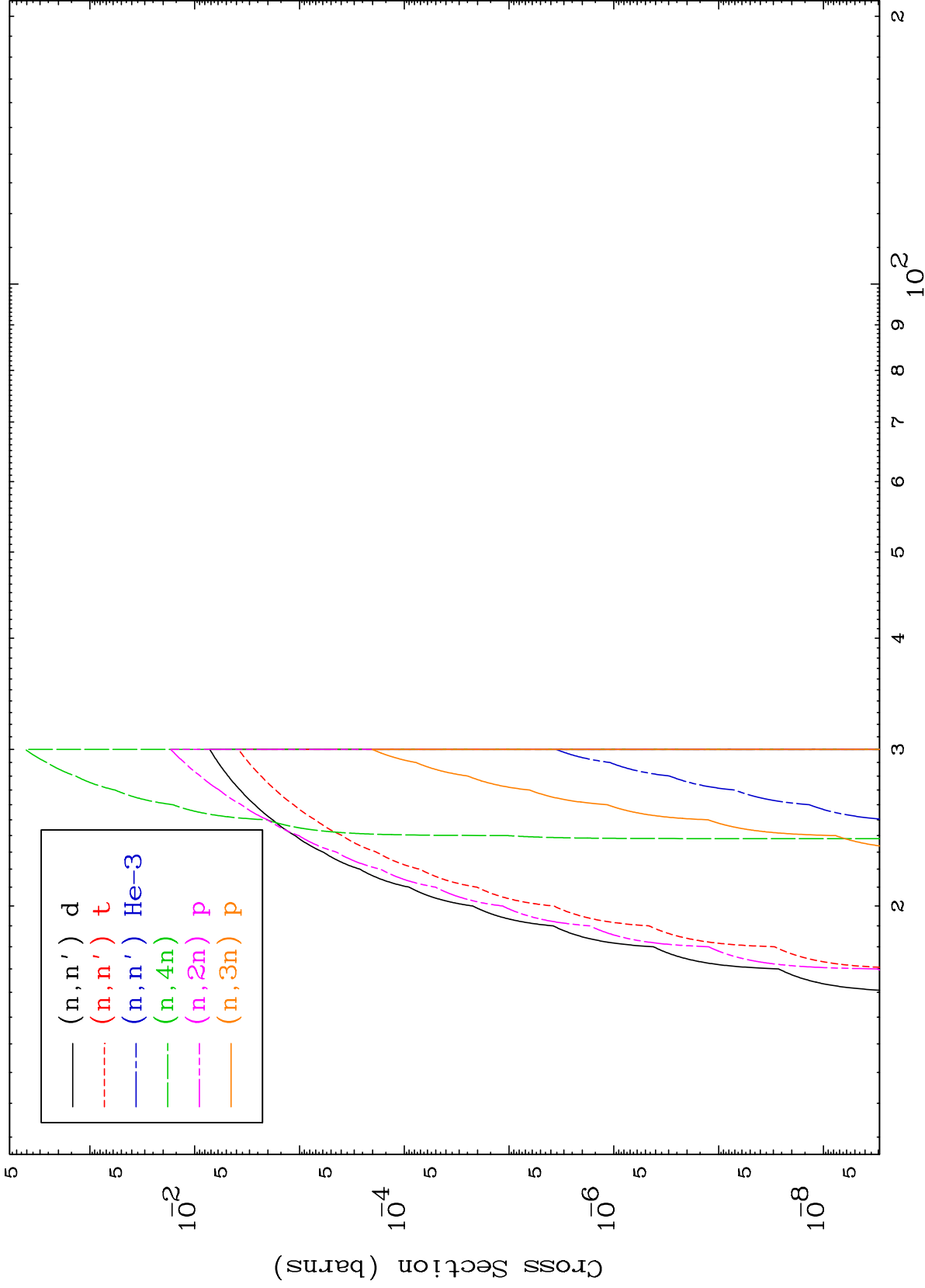


MAT 7920

Neutron Production
293 Kelvin Cross Sections

79-Au-195

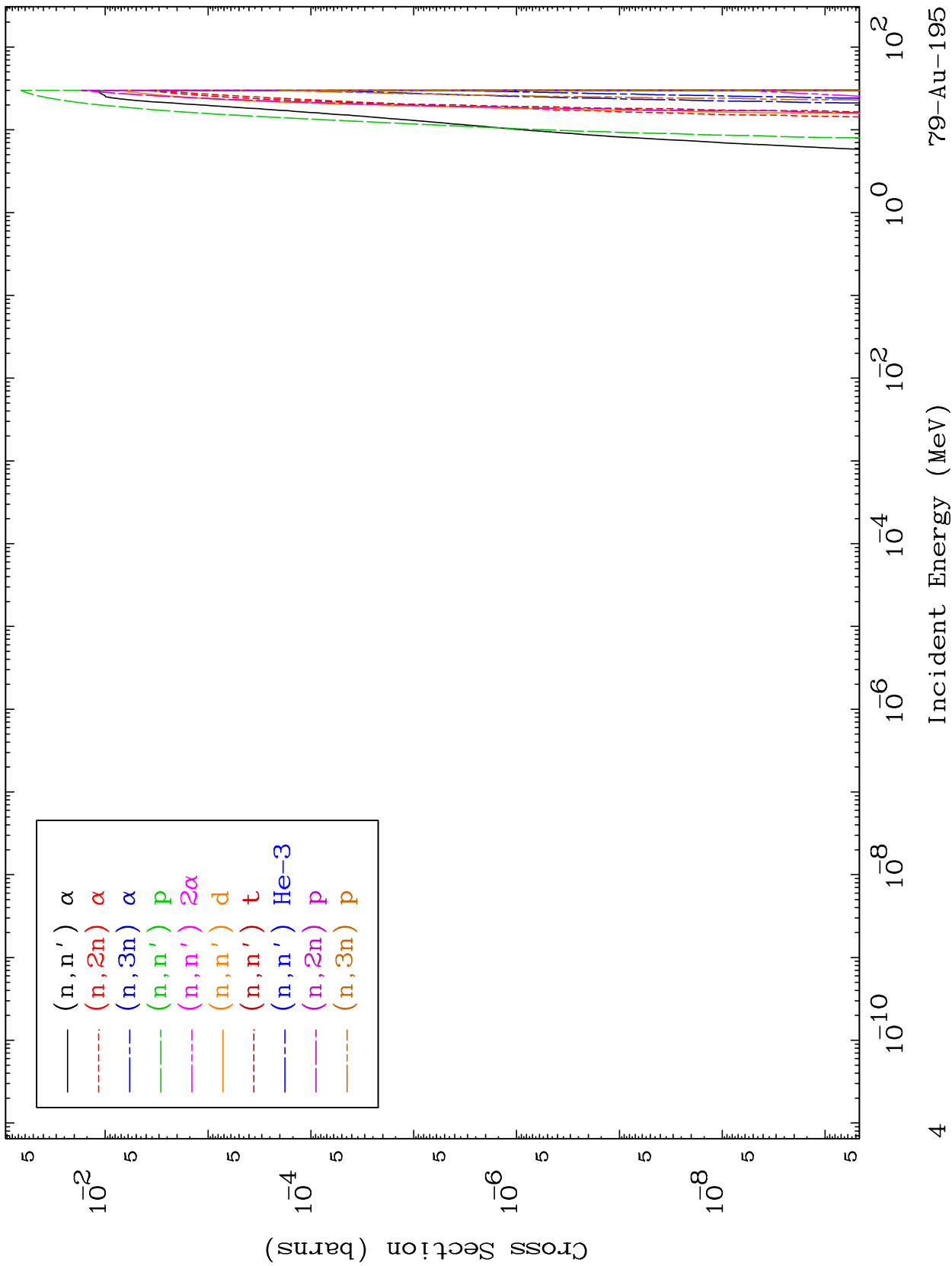




MAT 7920

Charged Particle
293 Kelvin Cross Sections

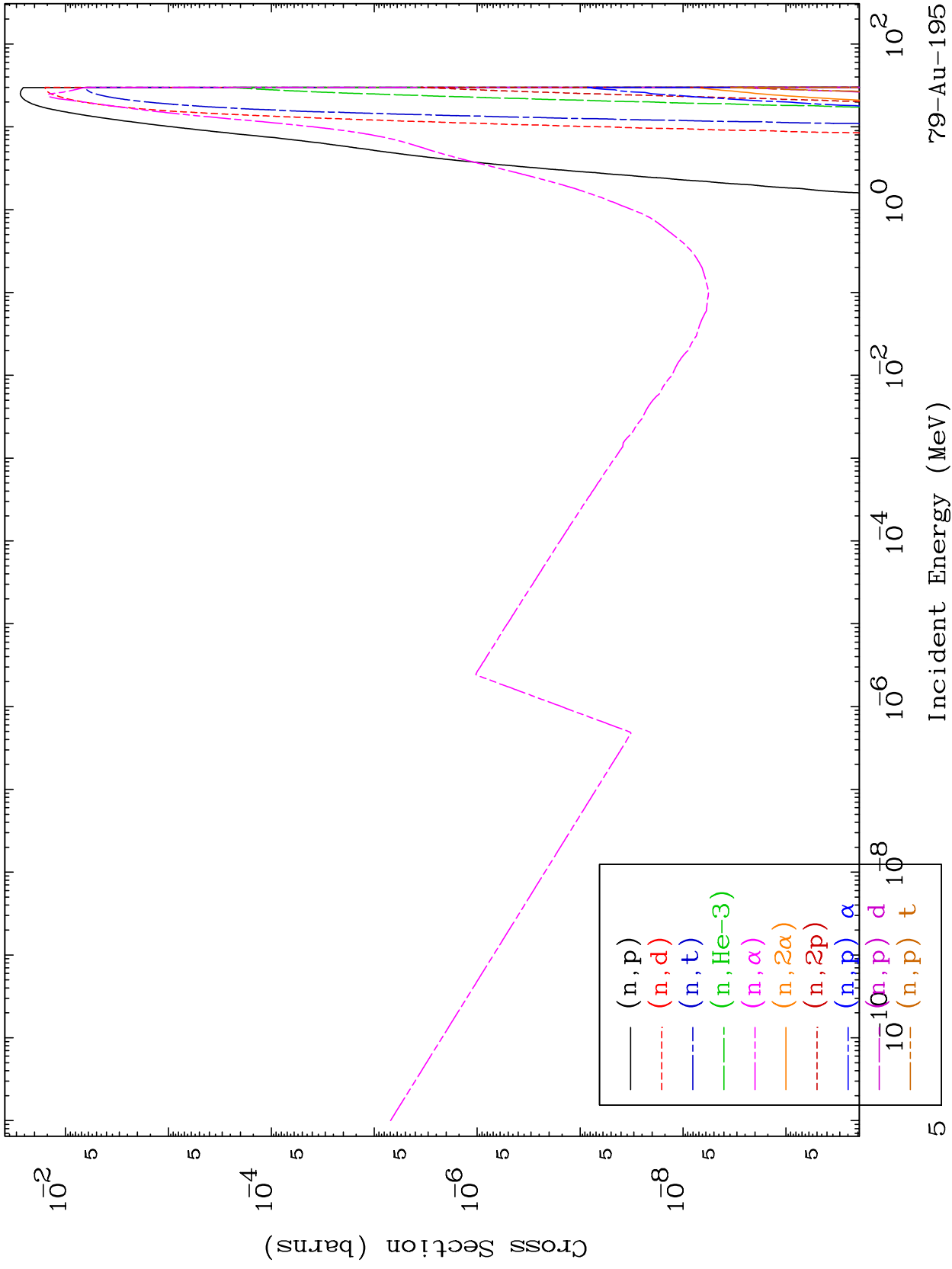
79-Au-195



MAT 7920

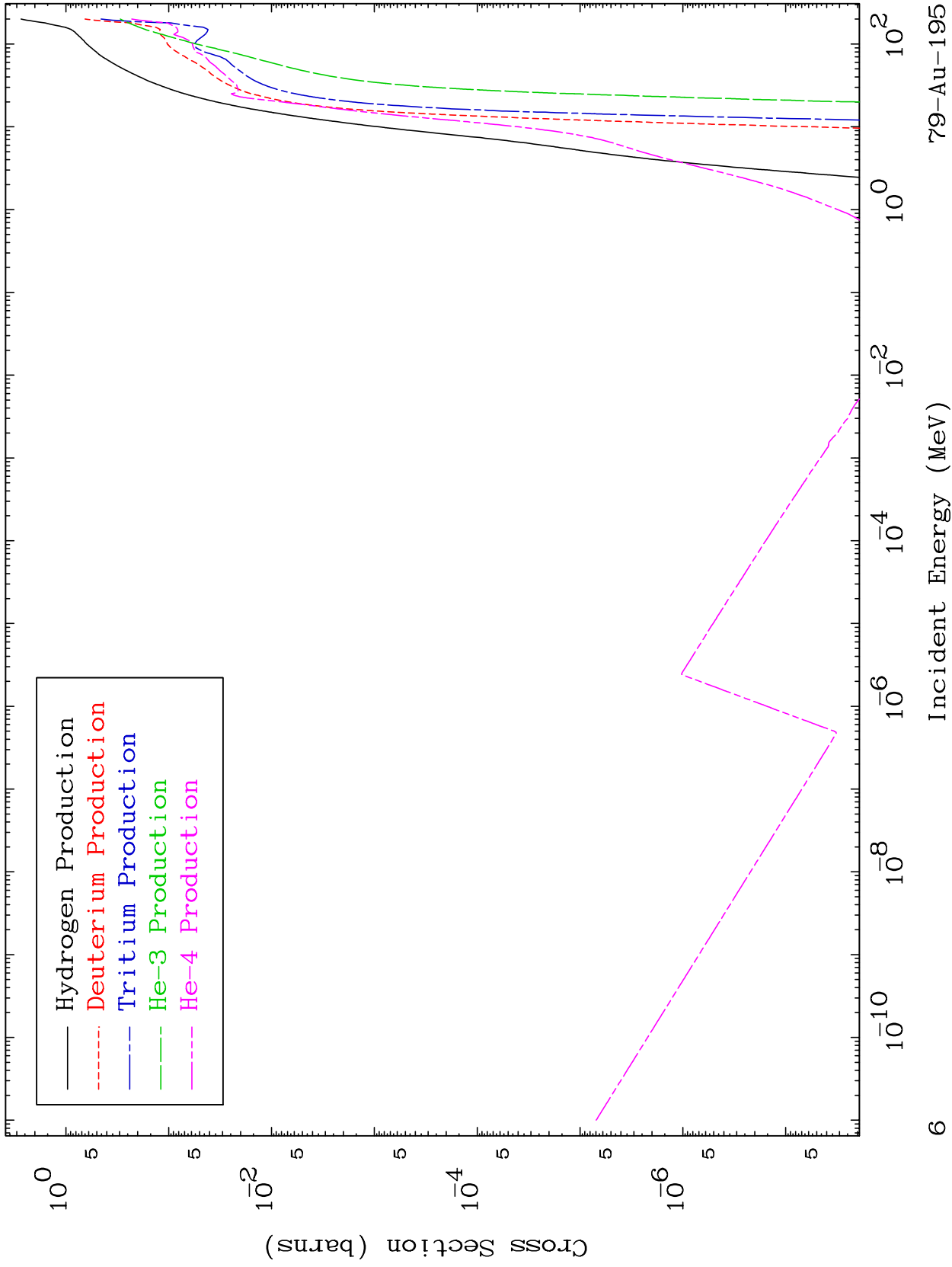
Charged Particle
293 Kelvin Cross Sections

79-Au-195



79-Au-195

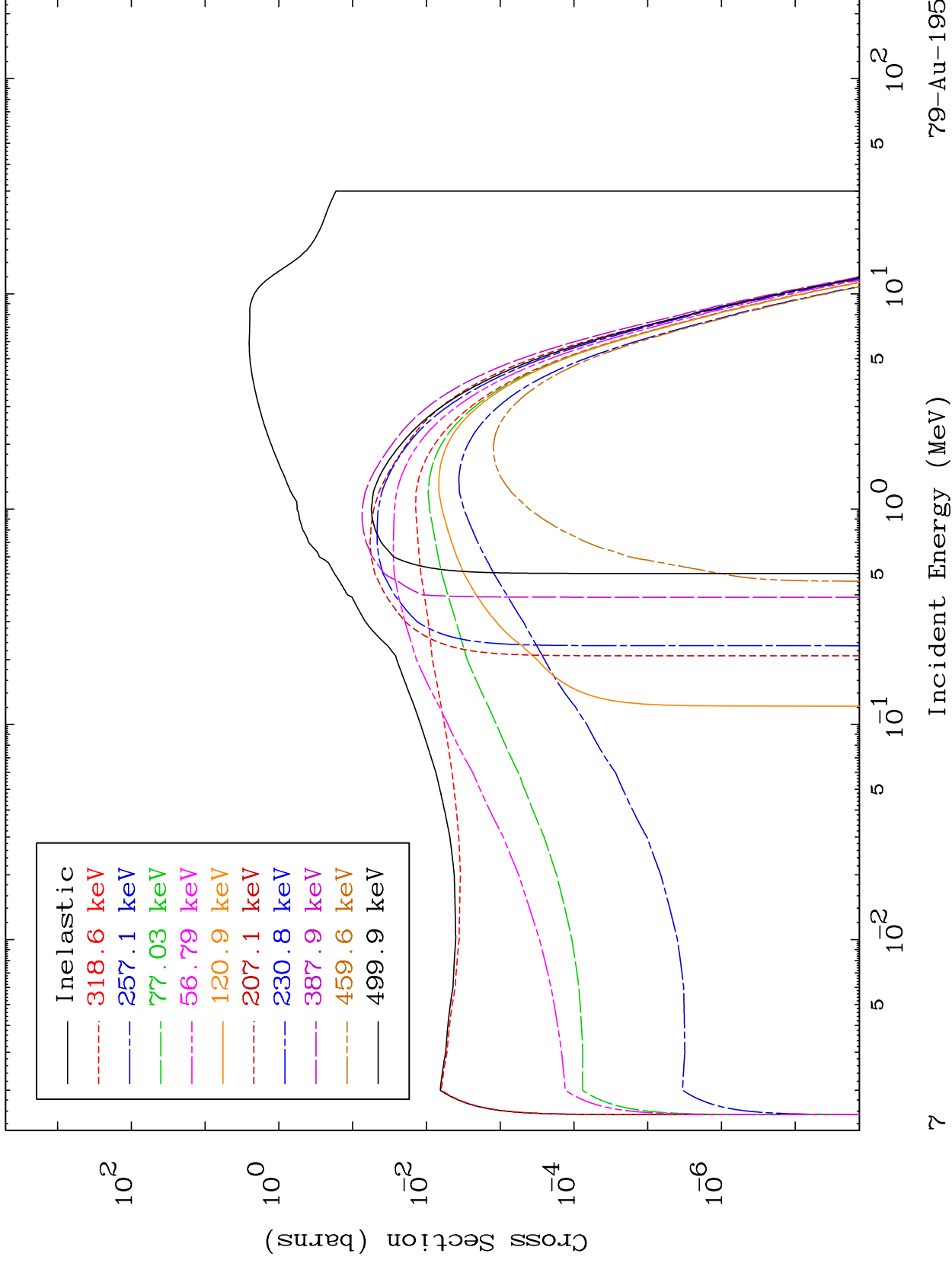
Incident Energy (MeV)



MAT 7920

(n,n') Level
293 Kelvin Cross Sections

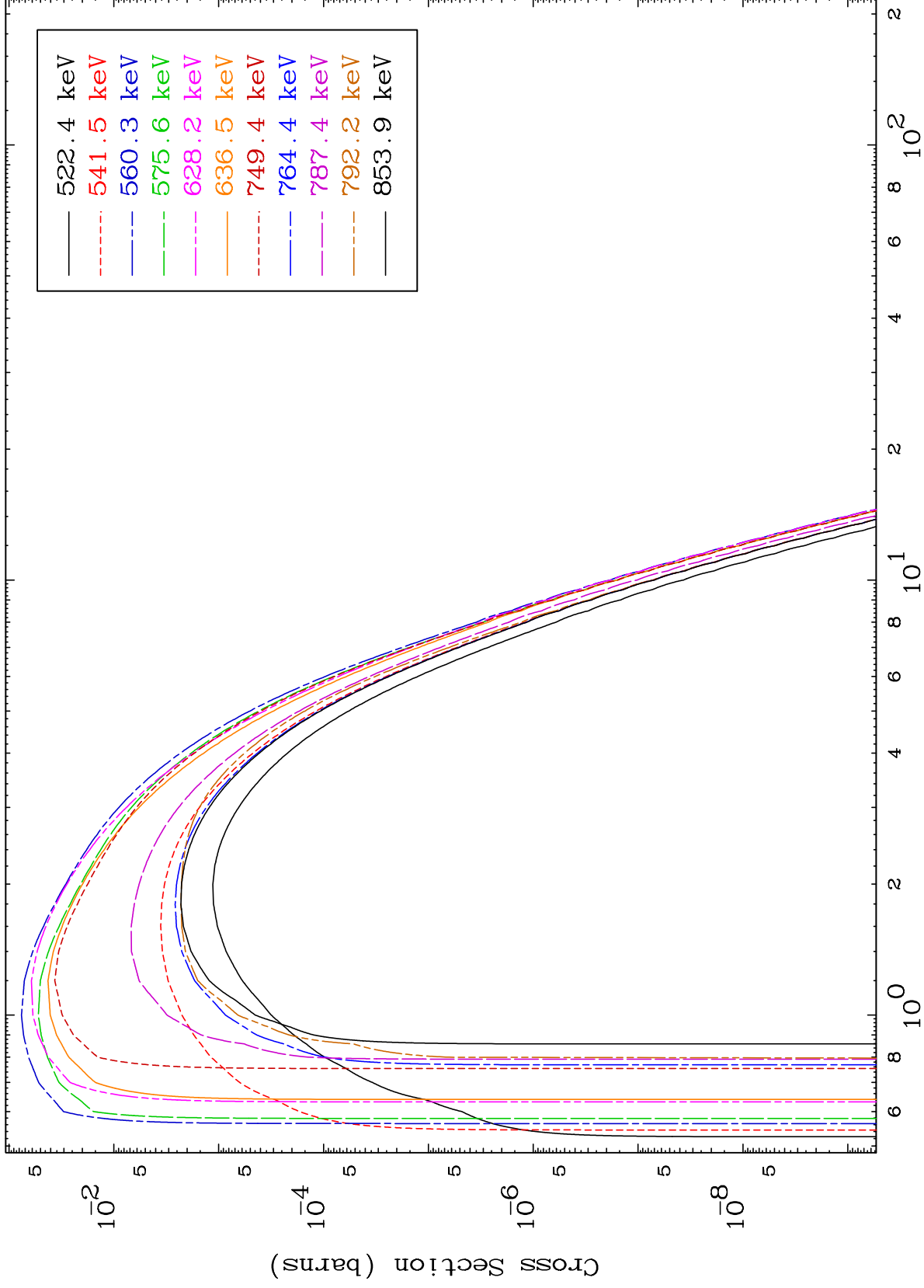
79-Au-195



MAT 7920

(n,n') Level
293 Kelvin Cross Sections

79-Au-195



8

Incident Energy (MeV)

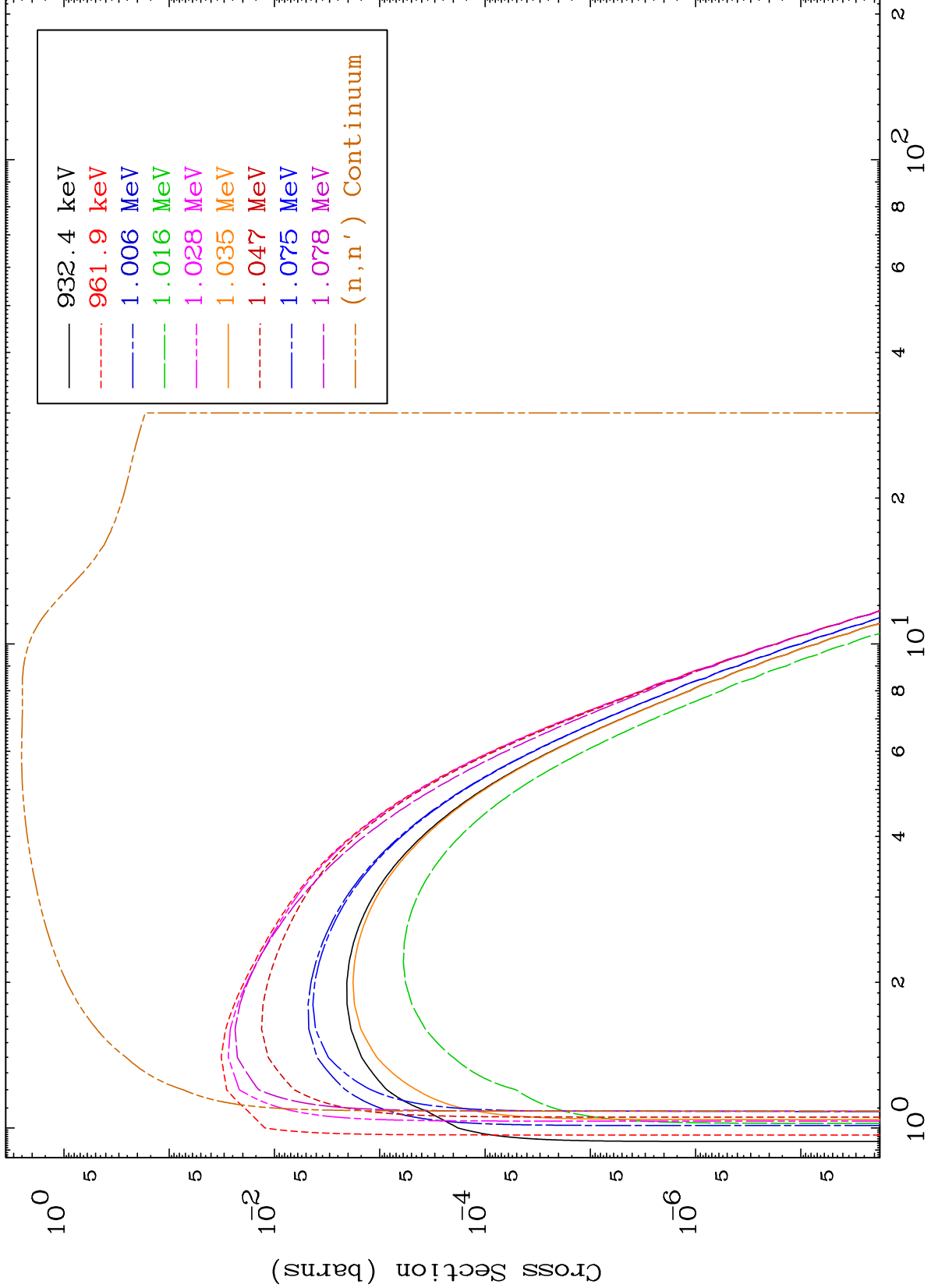
79-Au-195

MAT 7920

(n,n') Level

79-Au-195

293 Kelvin Cross Sections



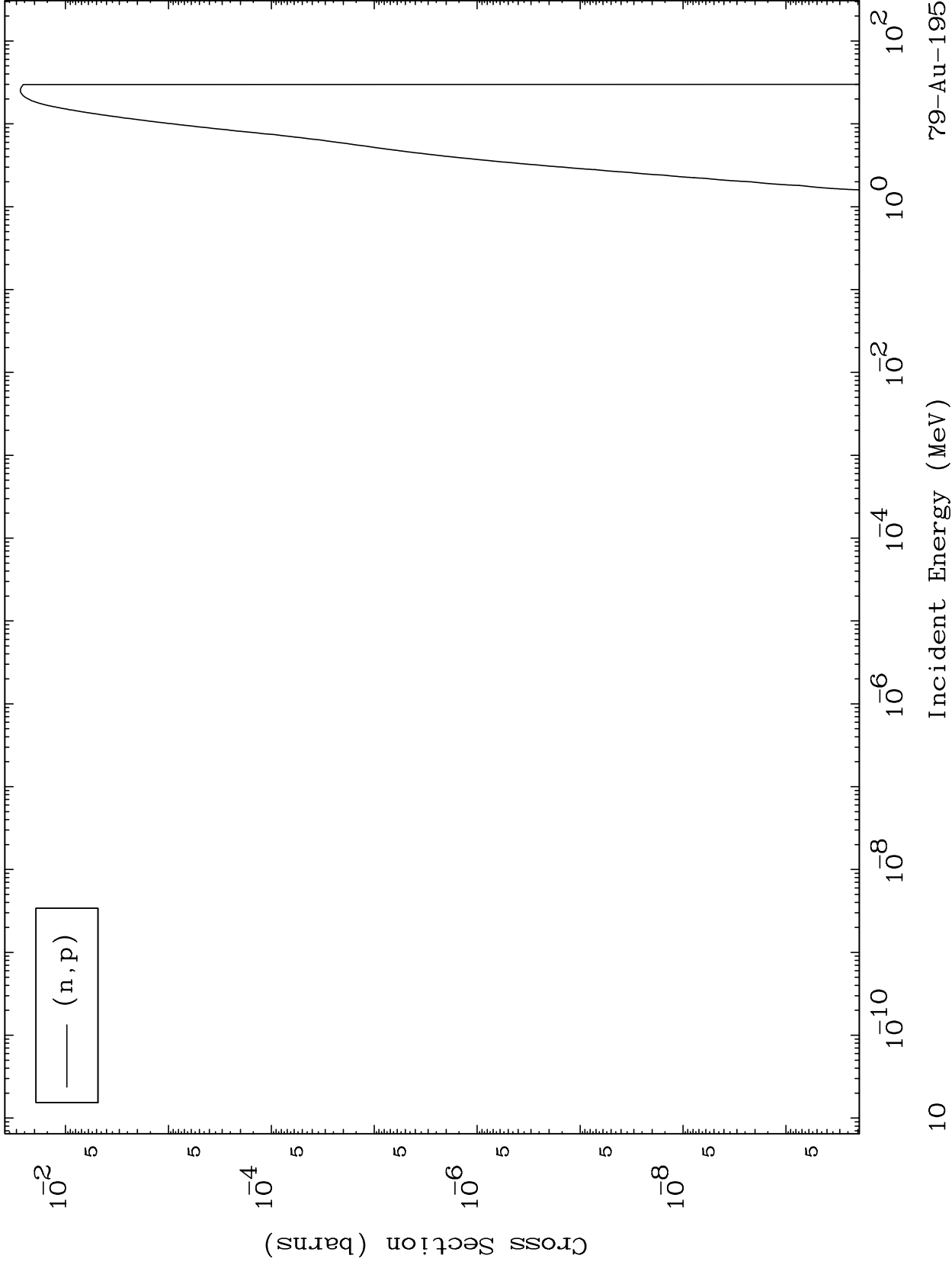
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,p) Levels
293 Kelvin Cross Sections

79-Au-195



10

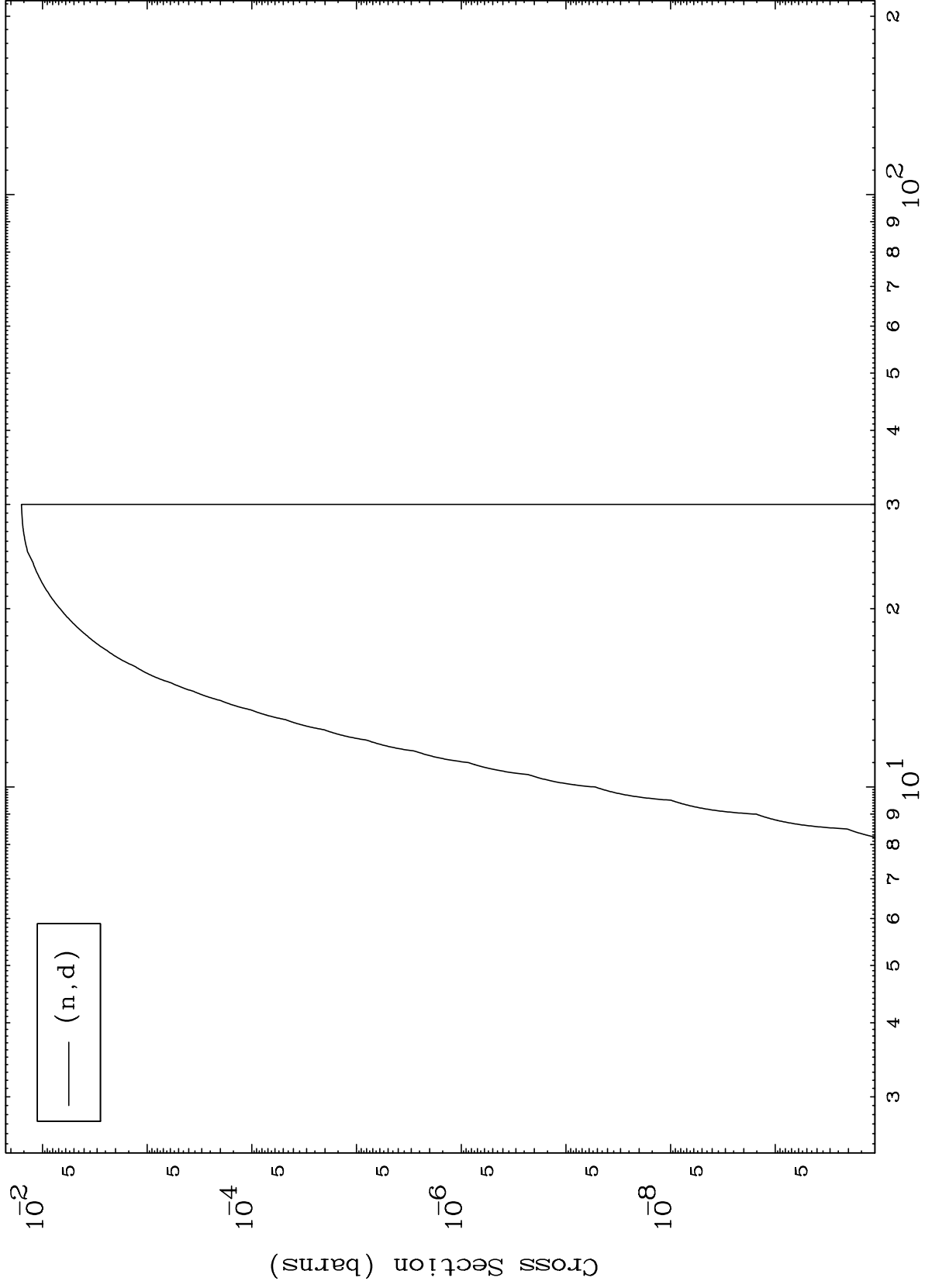
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



11

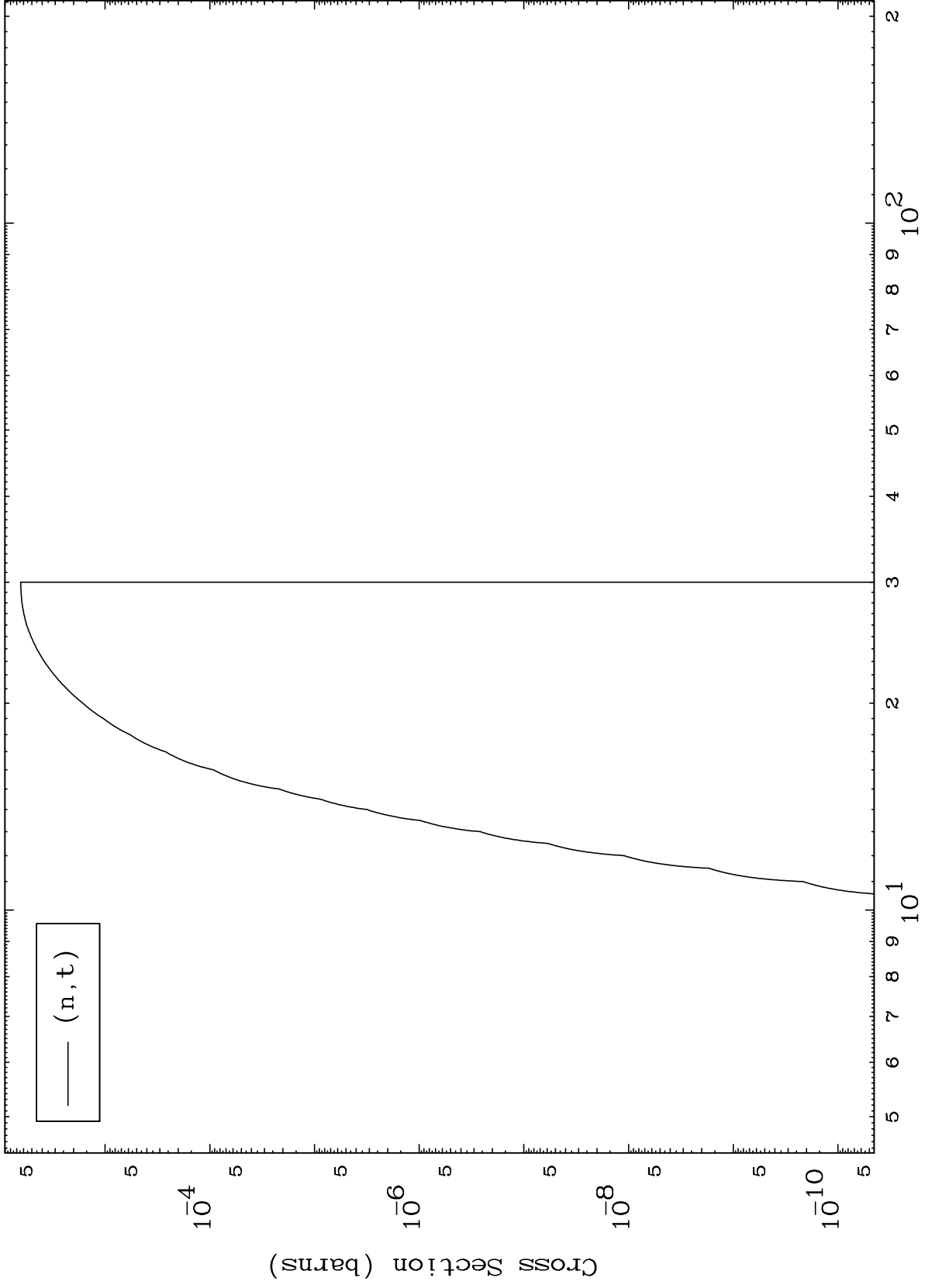
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,t) Levels
293 Kelvin Cross Sections

79-Au-195



12

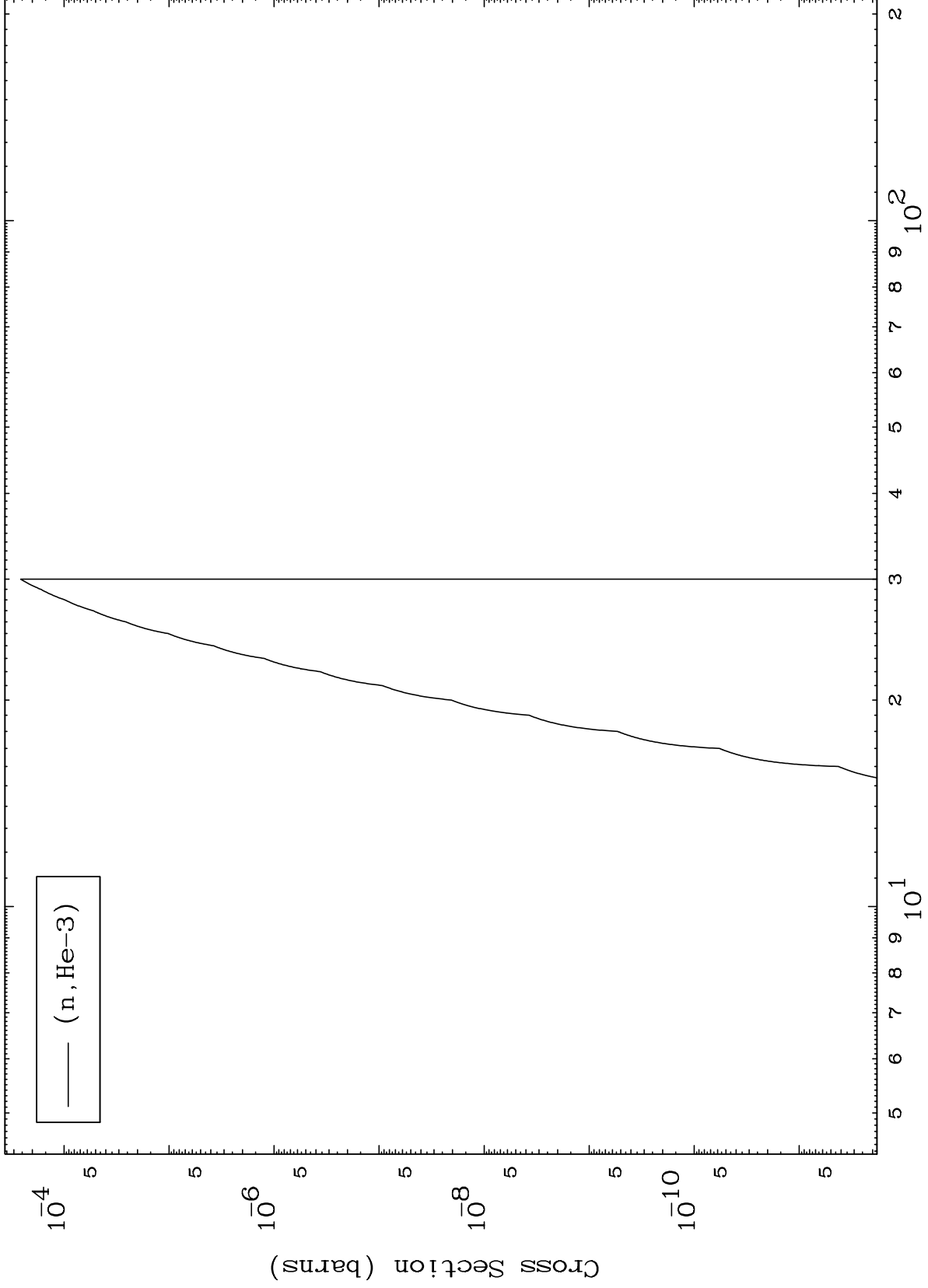
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



13

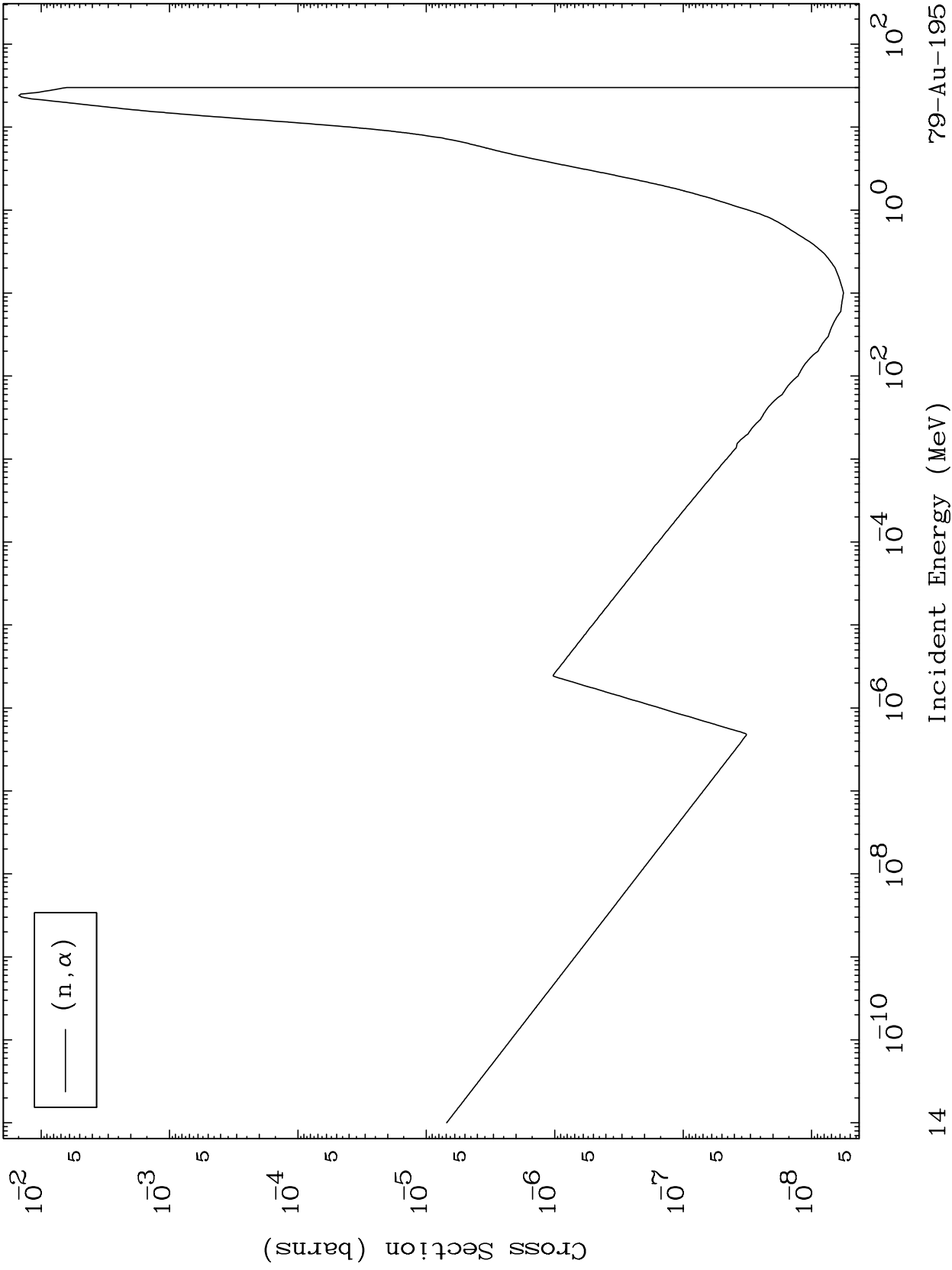
Incident Energy (MeV)

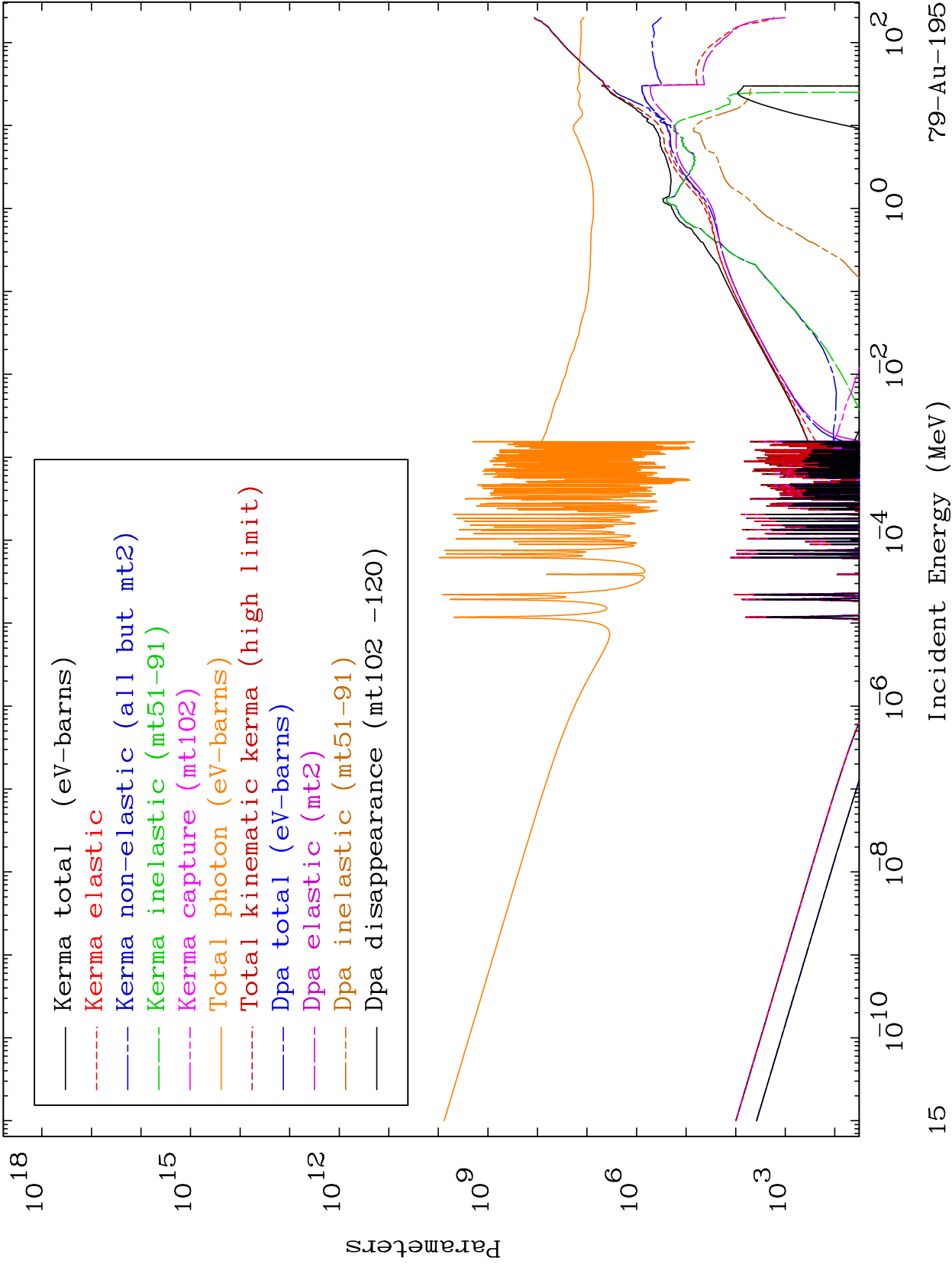
79-Au-195

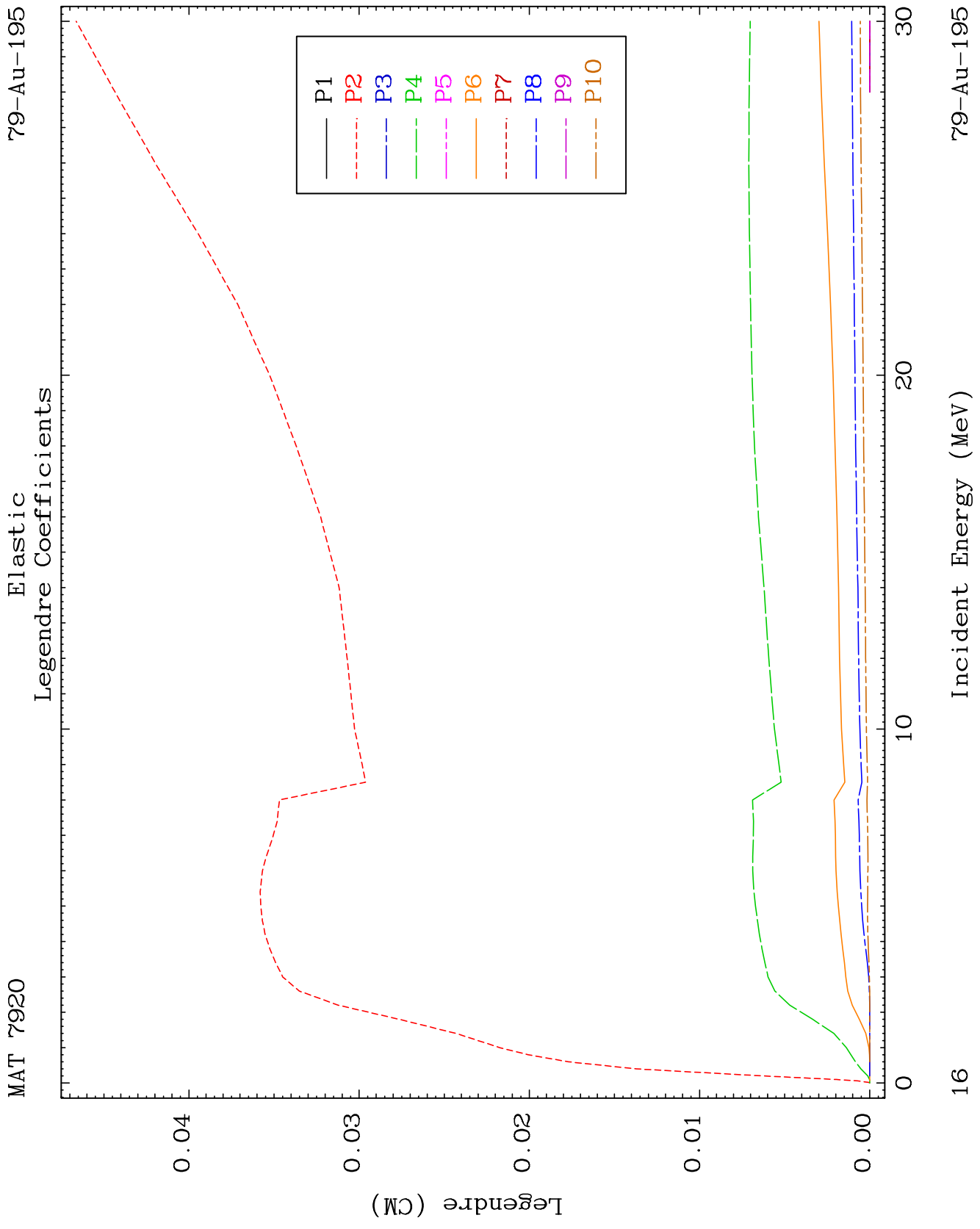
MAT 7920

(n, α) Levels
293 Kelvin Cross Sections

79-Au-195



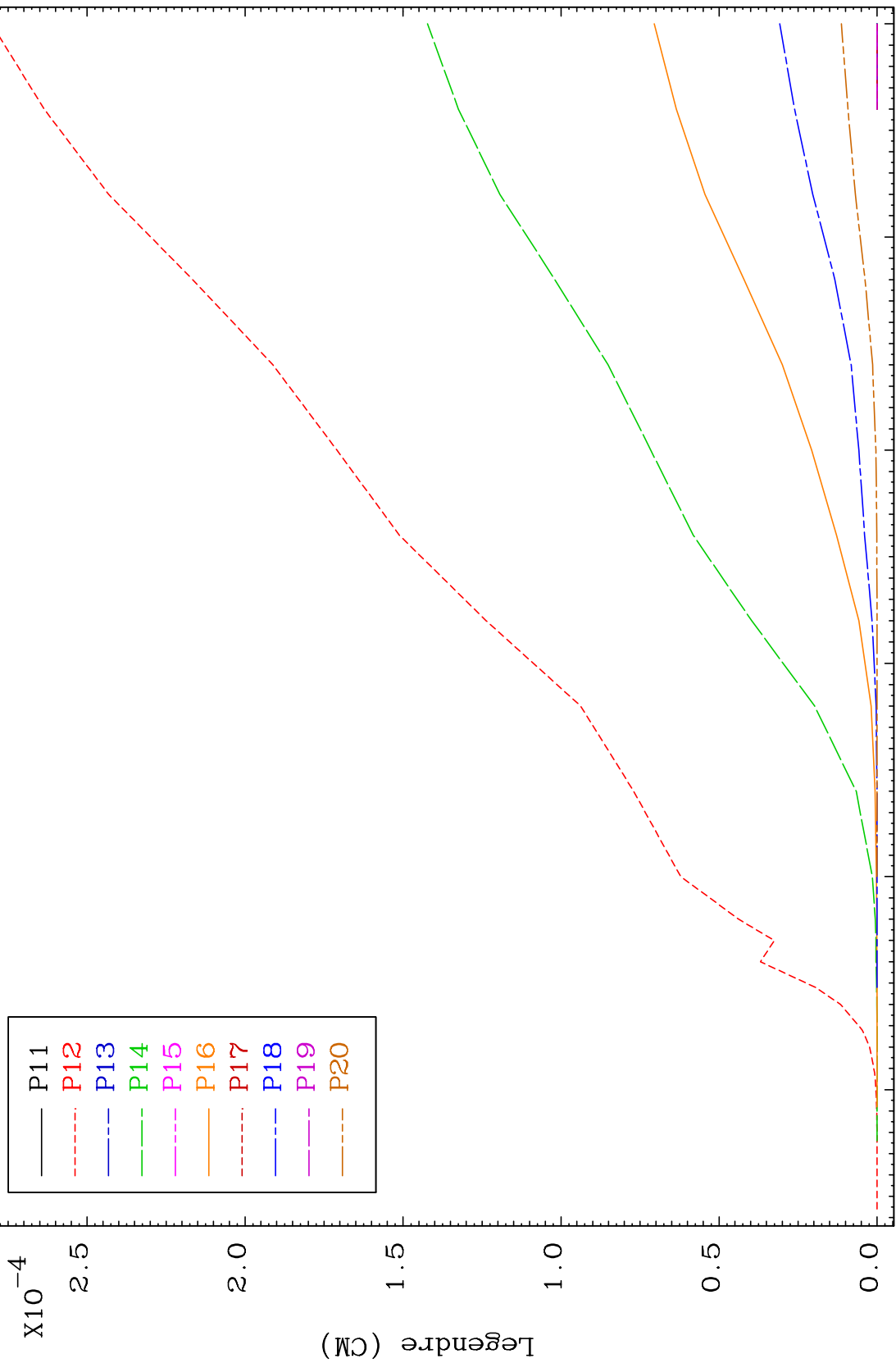
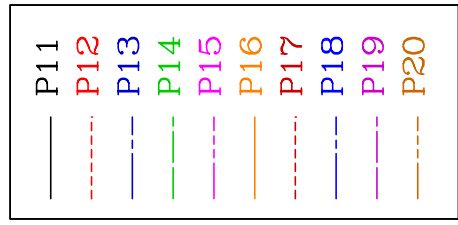




MAT 7920

Elastic
Legendre Coefficients

79-Au-195



17

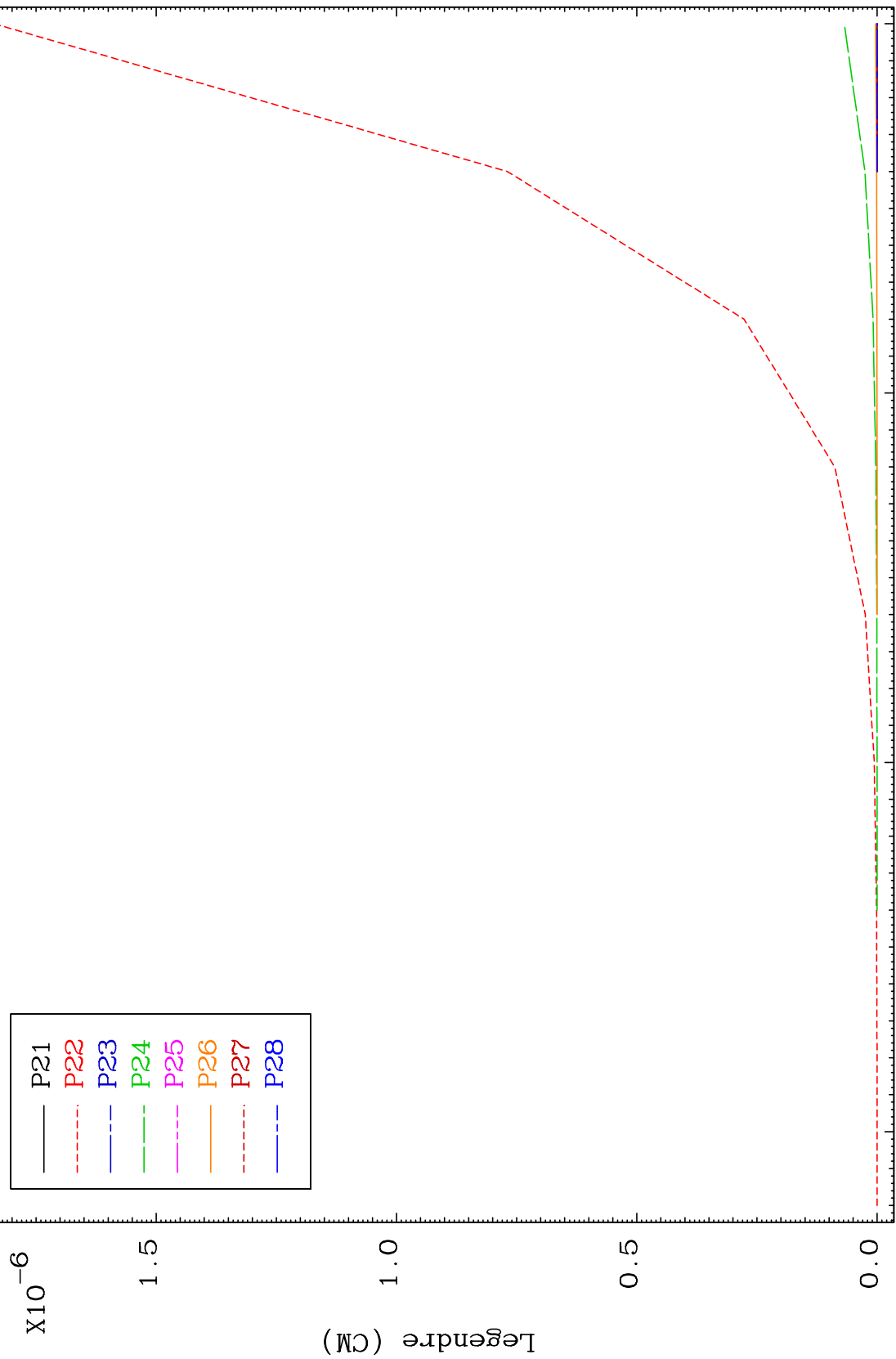
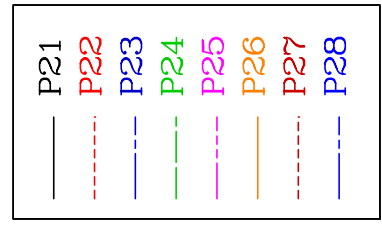
Incident Energy (MeV)

79-Au-195

MAT 7920

Elastic Legendre Coefficients

79-Au-195



18

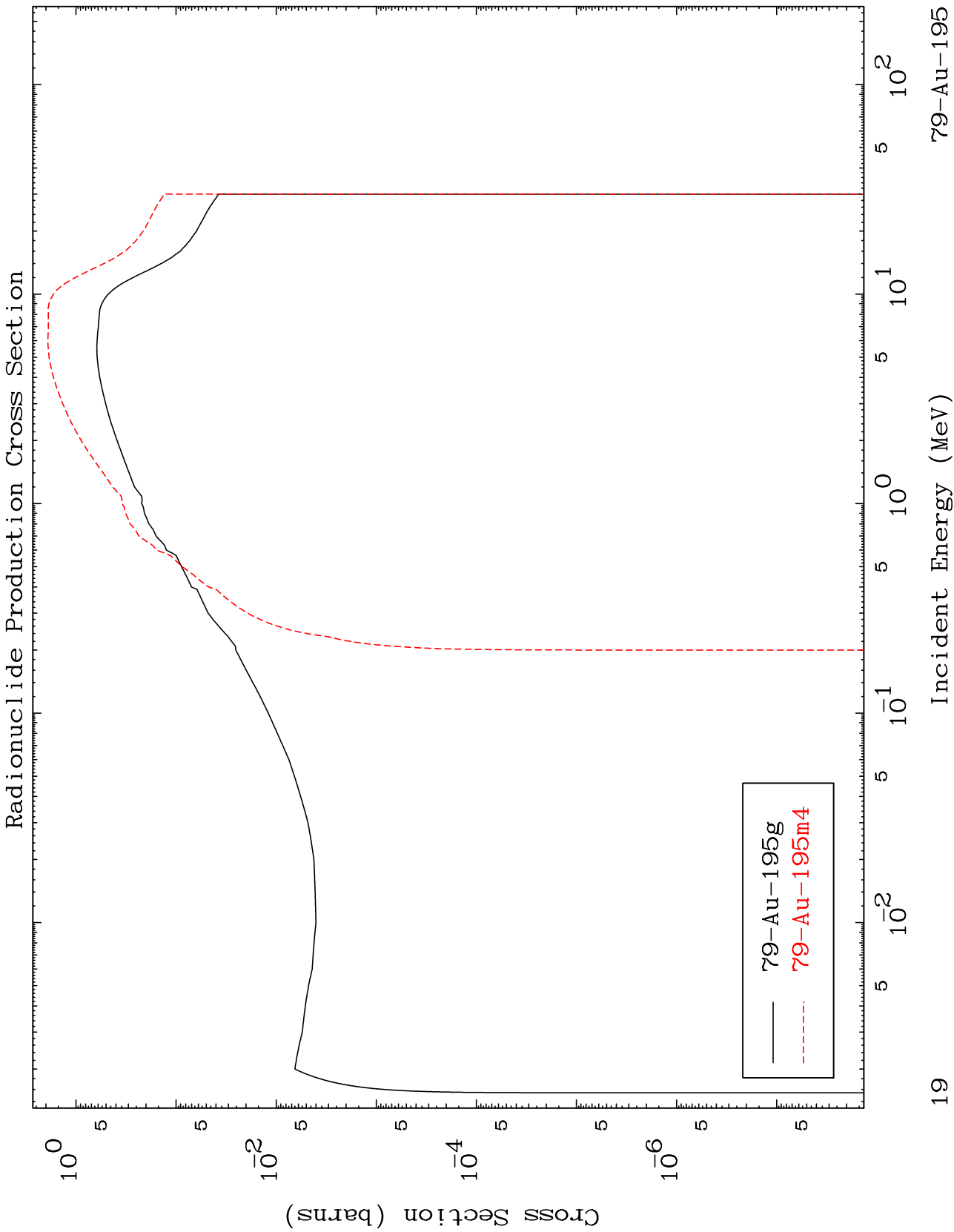
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

Inelastic
Radionuclide Production Cross Section

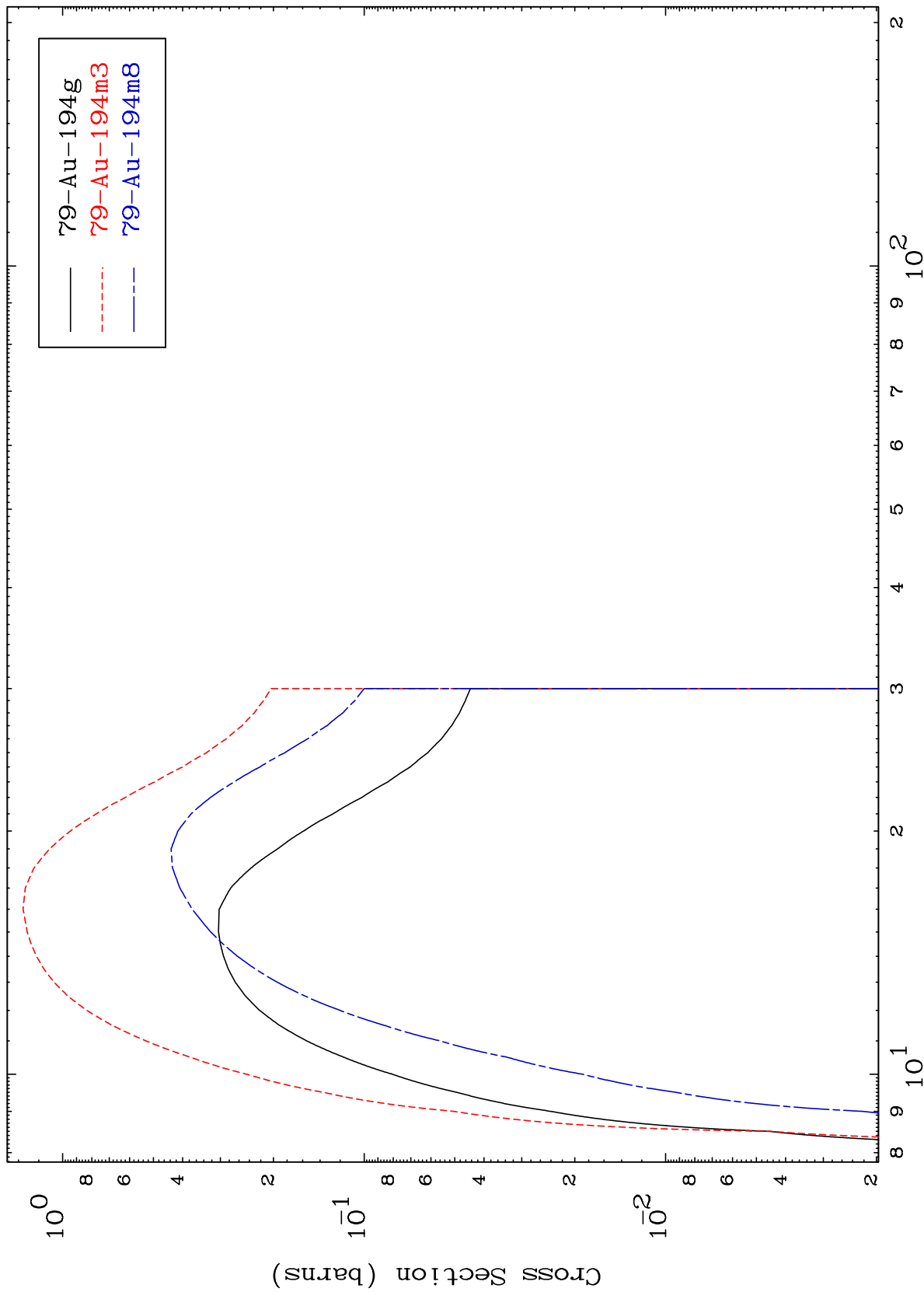


MAT 7920

79-Au-195

(n,2n)

Radionuclide Production Cross Section



79-Au-195

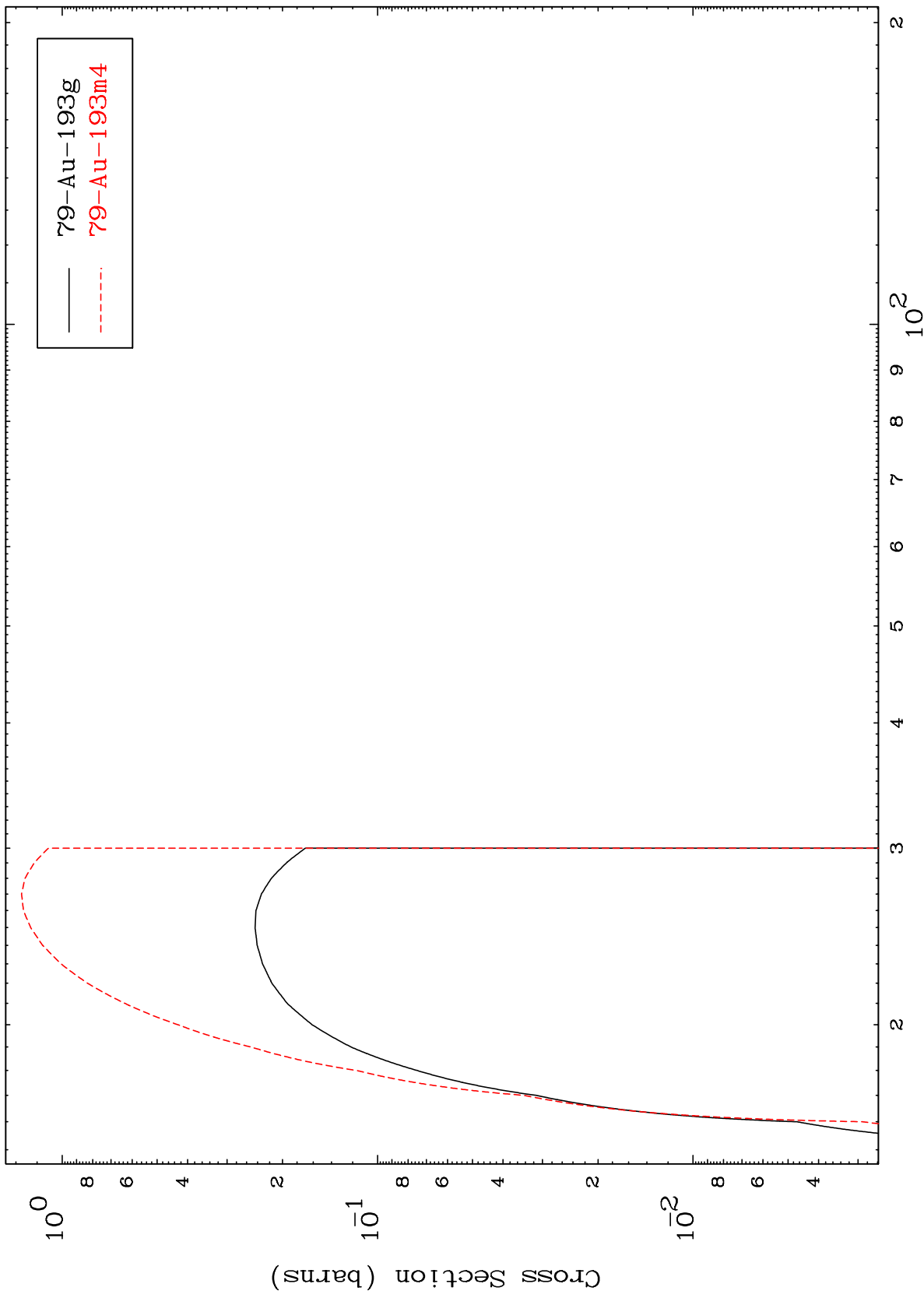
Incident Energy (MeV)

20

MAT 7920

79-Au-195

(n,3n)
Radionuclide Production Cross Section



21

79-Au-195

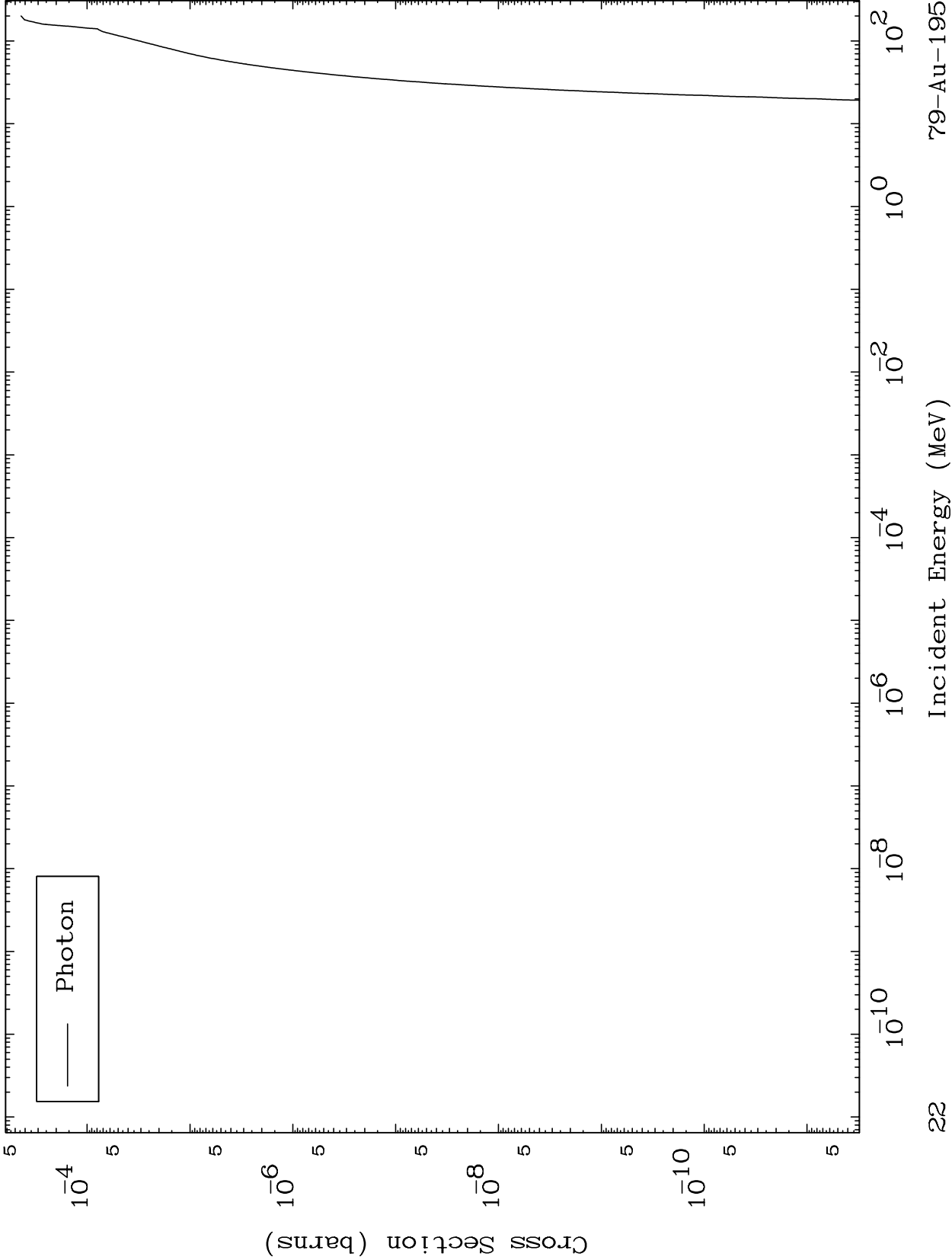
Incident Energy (MeV)

MAT 7920

Fission

79-Au-195

Radionuclide Production Cross Section

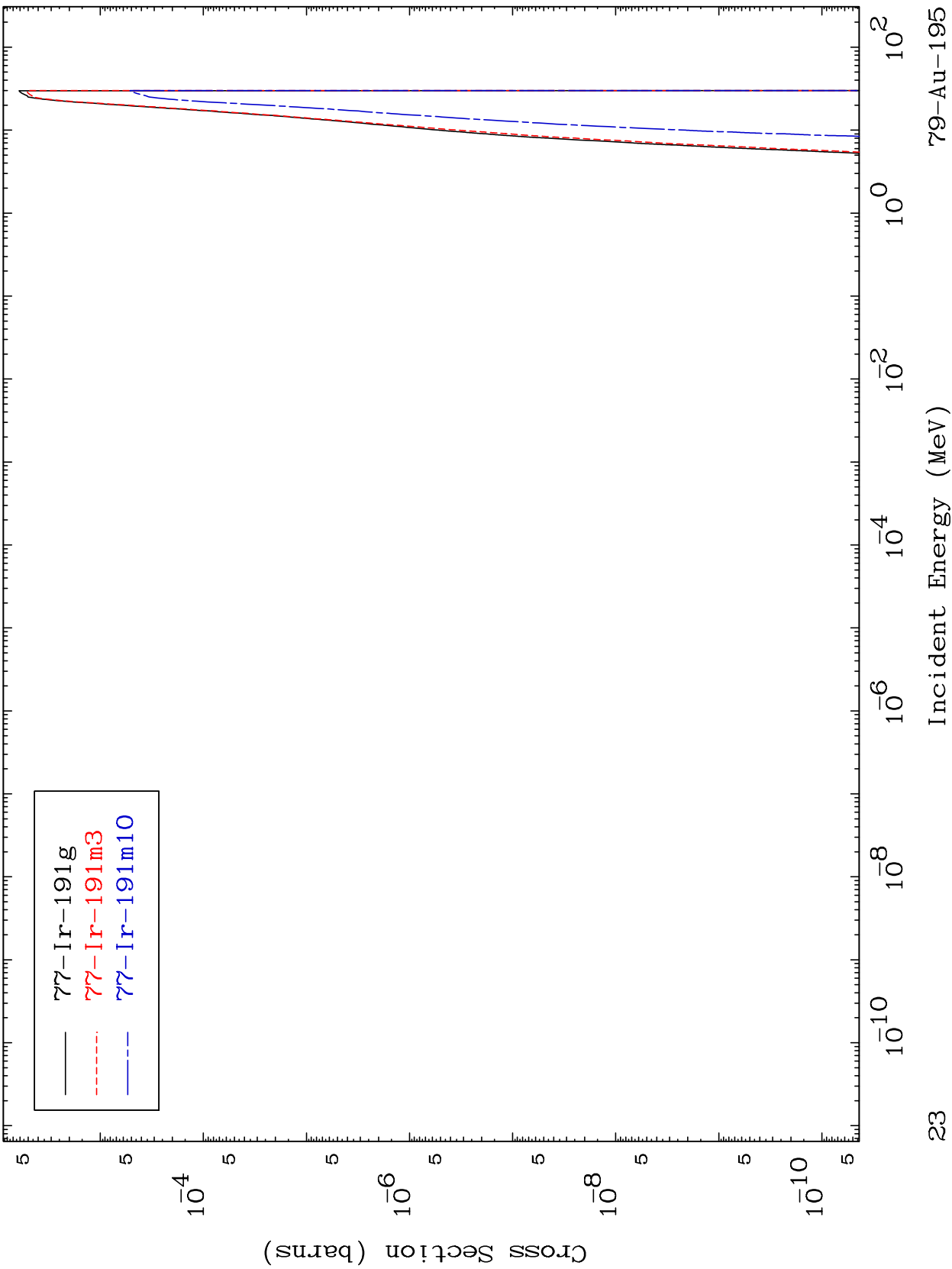


MAT 7920

$(n, n') \alpha$

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

Radionuclide Production Cross Section

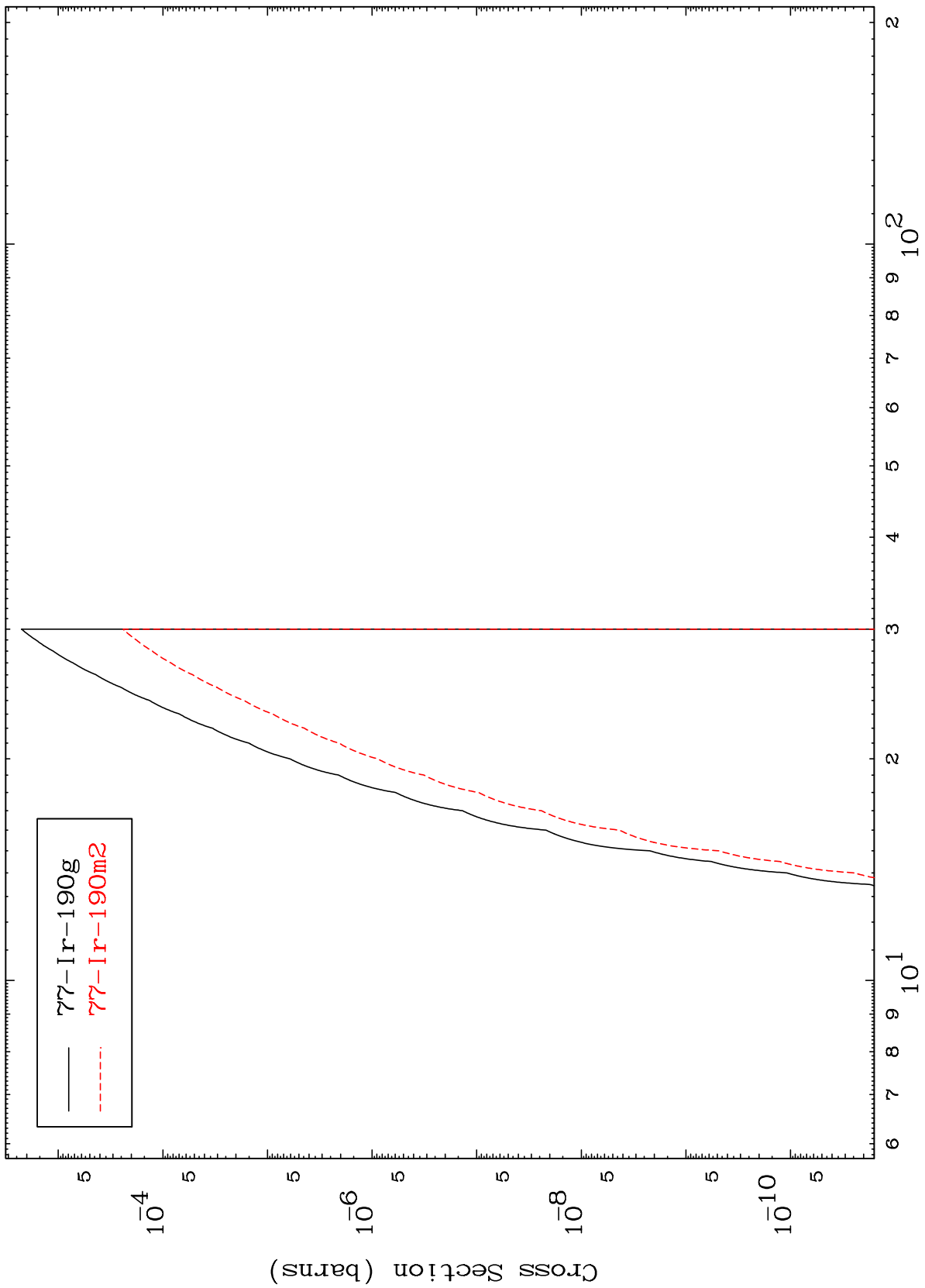


MAT 7920

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



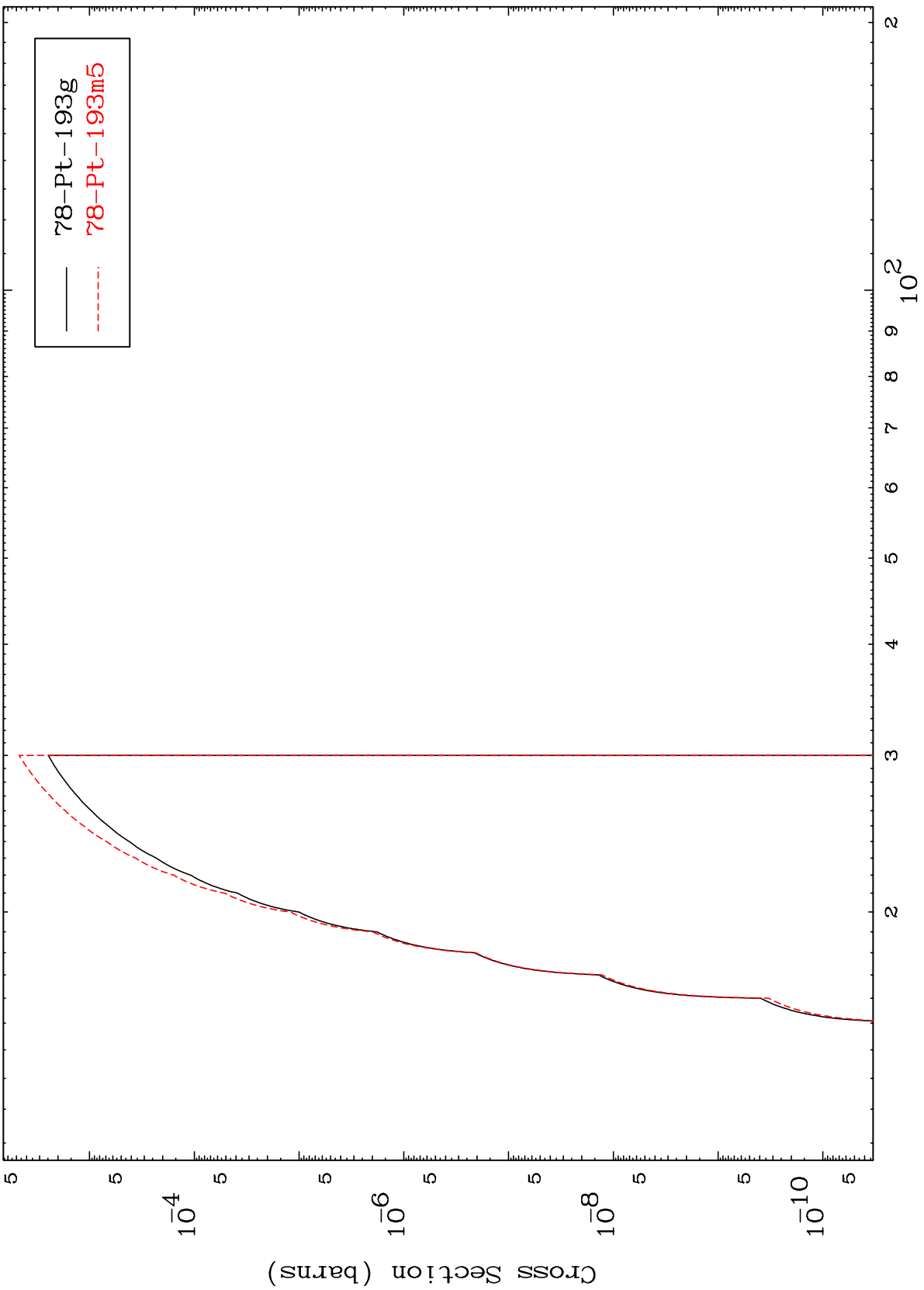
— $^{77}\text{Ir-190g}$
- - - $^{77}\text{Ir-190m2}$

24

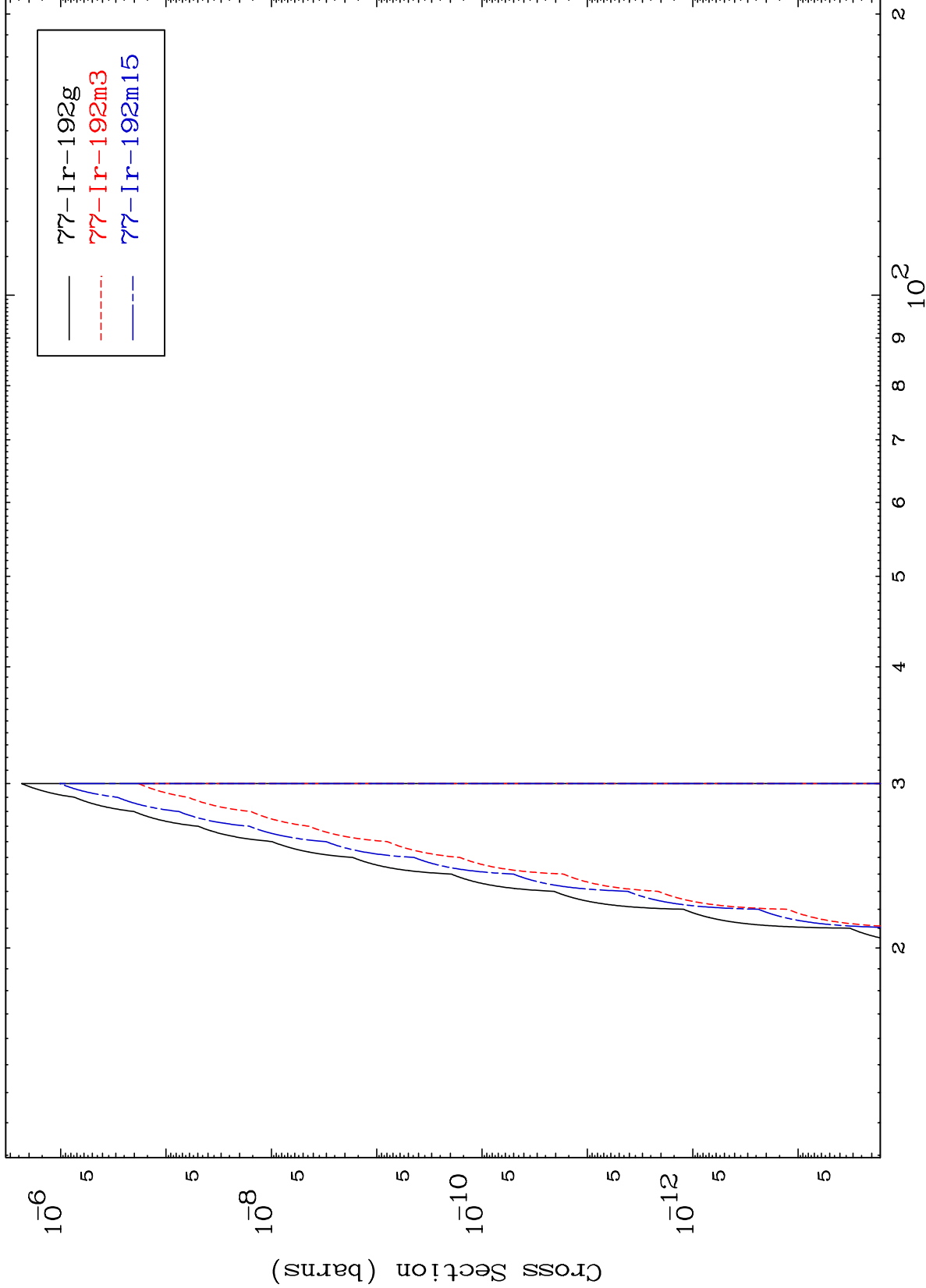
Incident Energy (MeV)

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

Radionuclide Production Cross Section



Radionuclide Production Cross Section

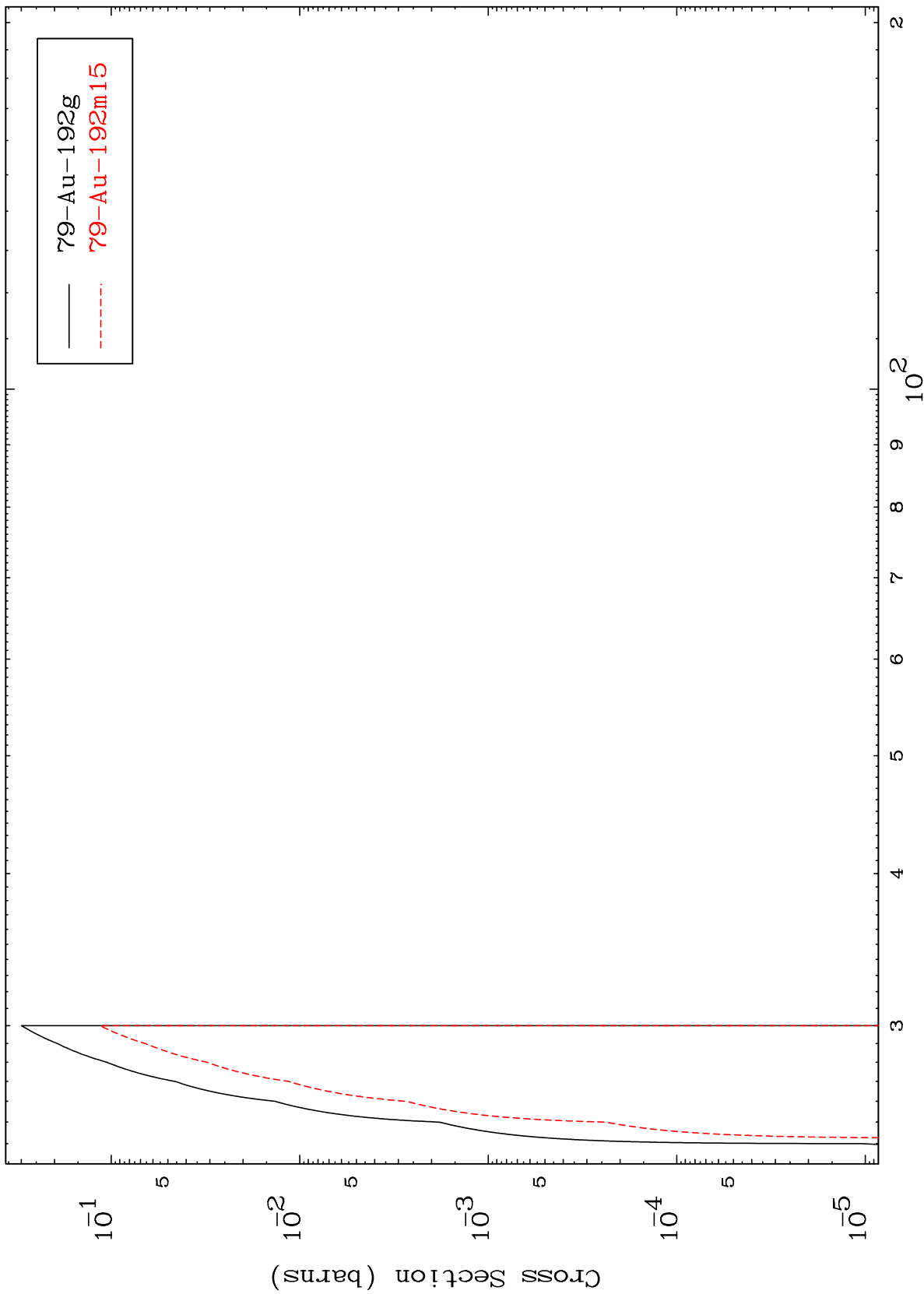


MAT 7920

⁷⁹Au-195

(n,4n)

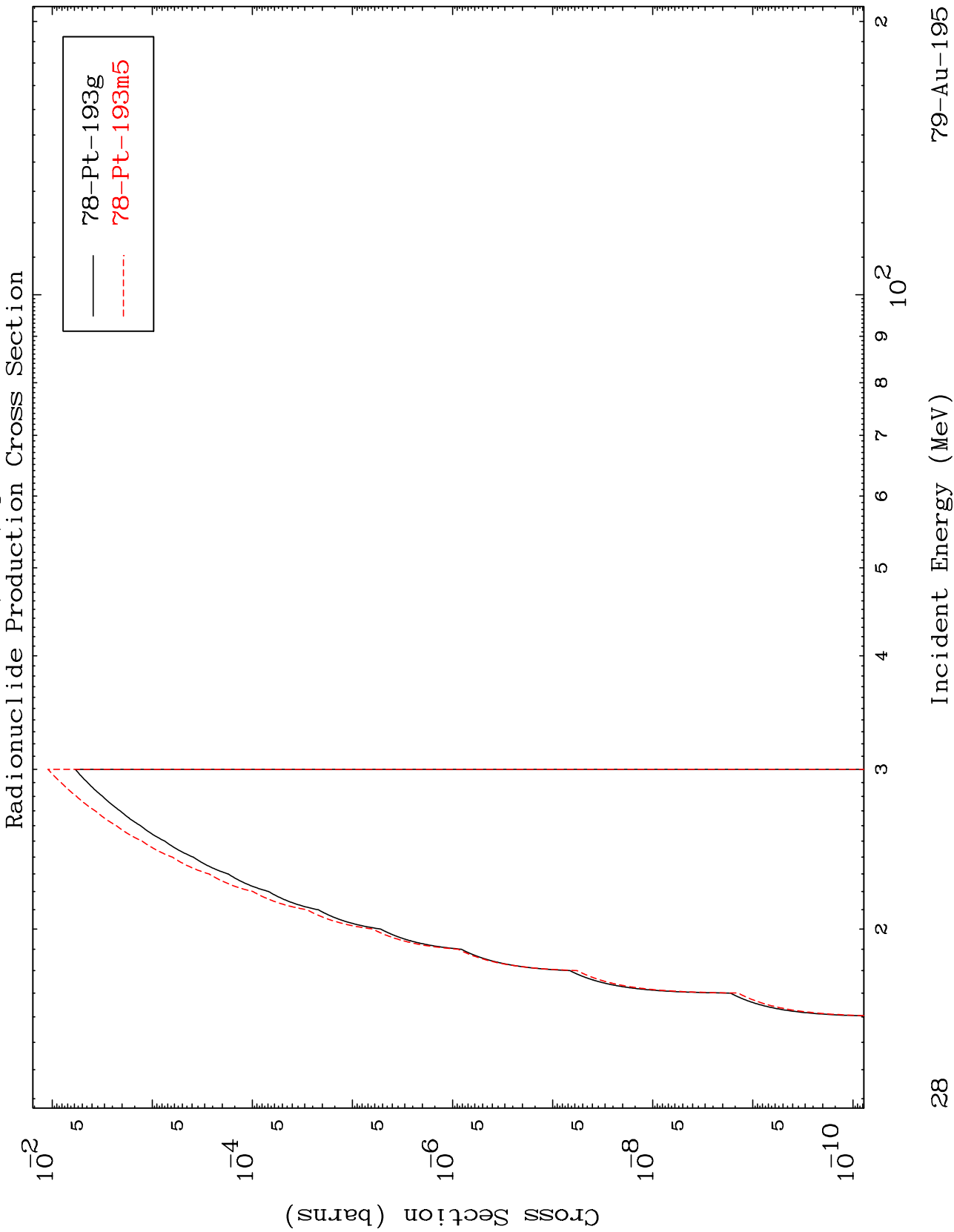
Radionuclide Production Cross Section



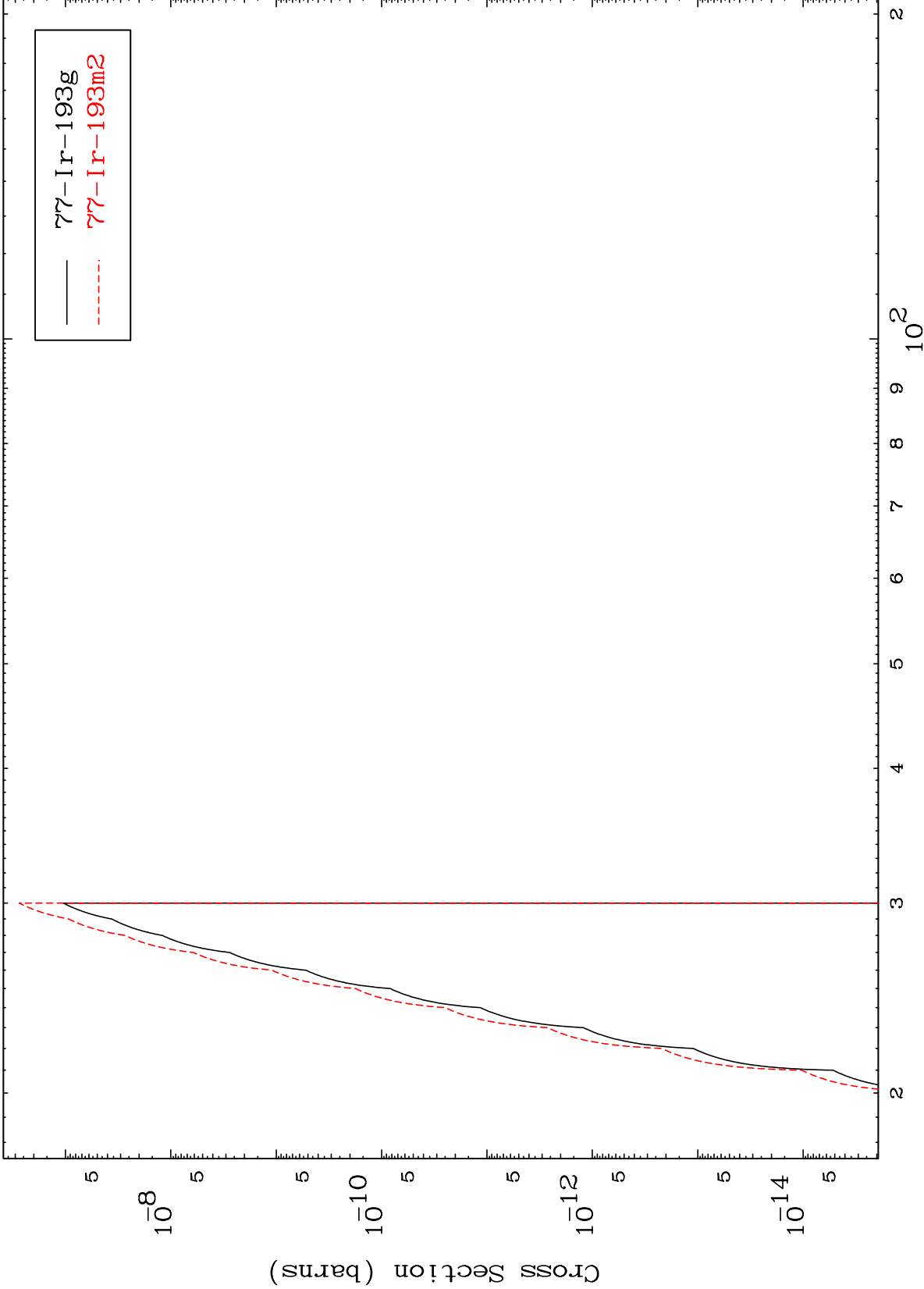
27

⁷⁹Au-195

Incident Energy (MeV)



Radionuclide Production Cross Section

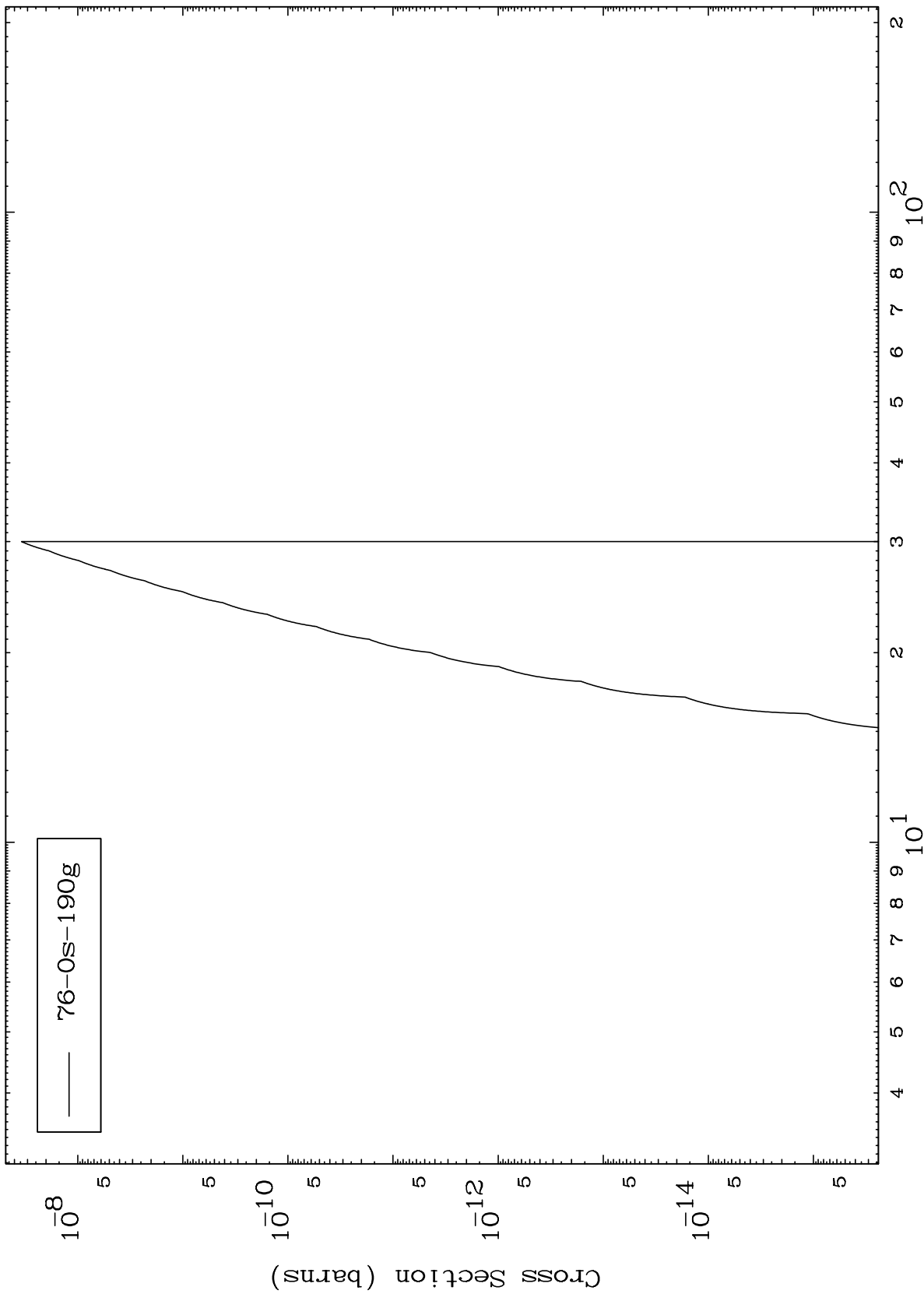


MAT 7920

(n,n') p α

79-Au-195

Radionuclide Production Cross Section



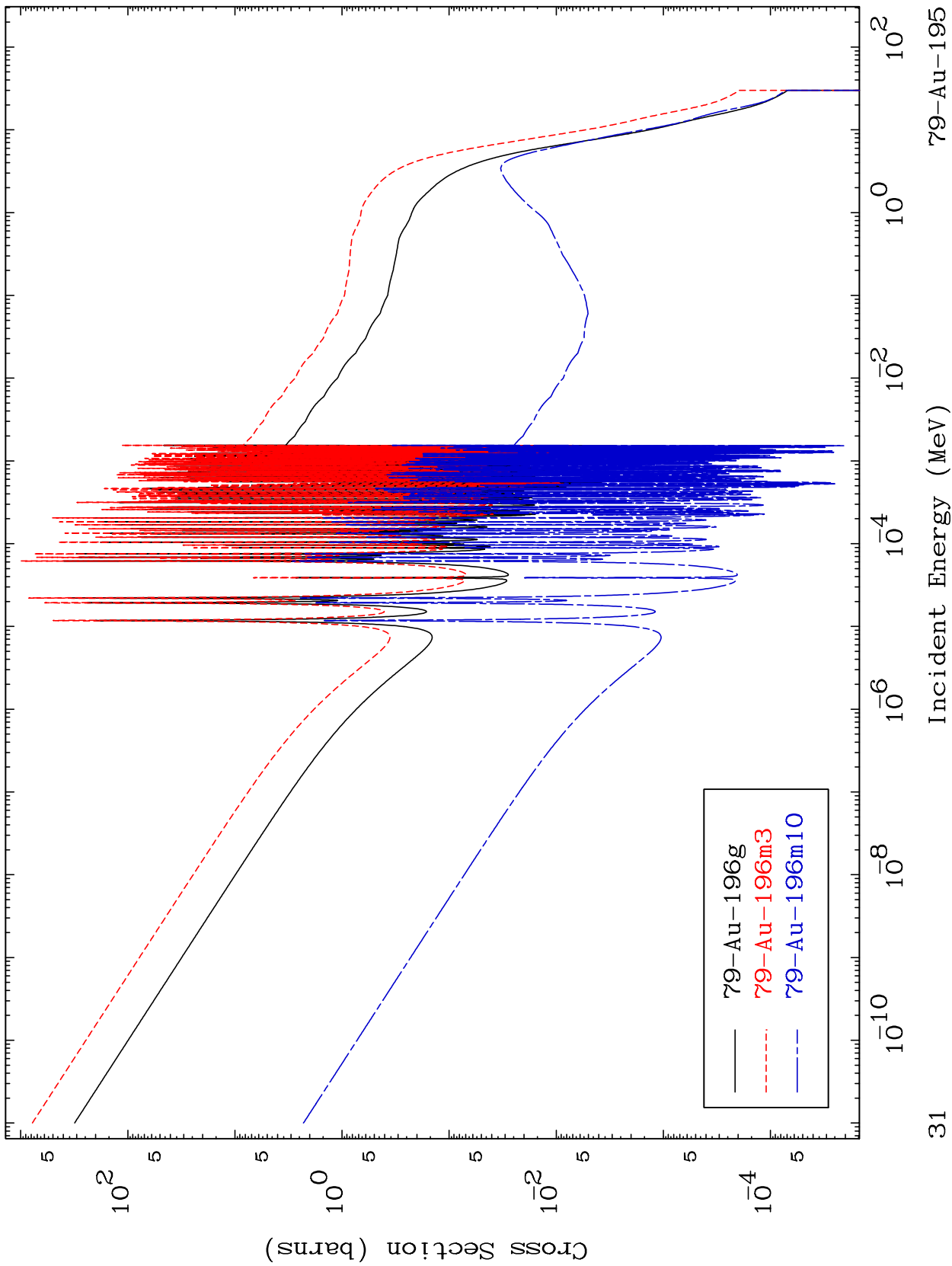
Incident Energy (MeV)

79-Au-195

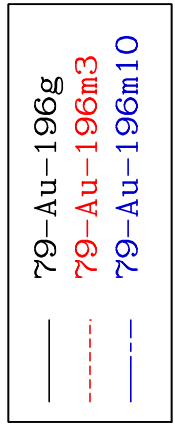
30

Radionuclide Production Cross Section

(n, γ)



Incident Energy (MeV)

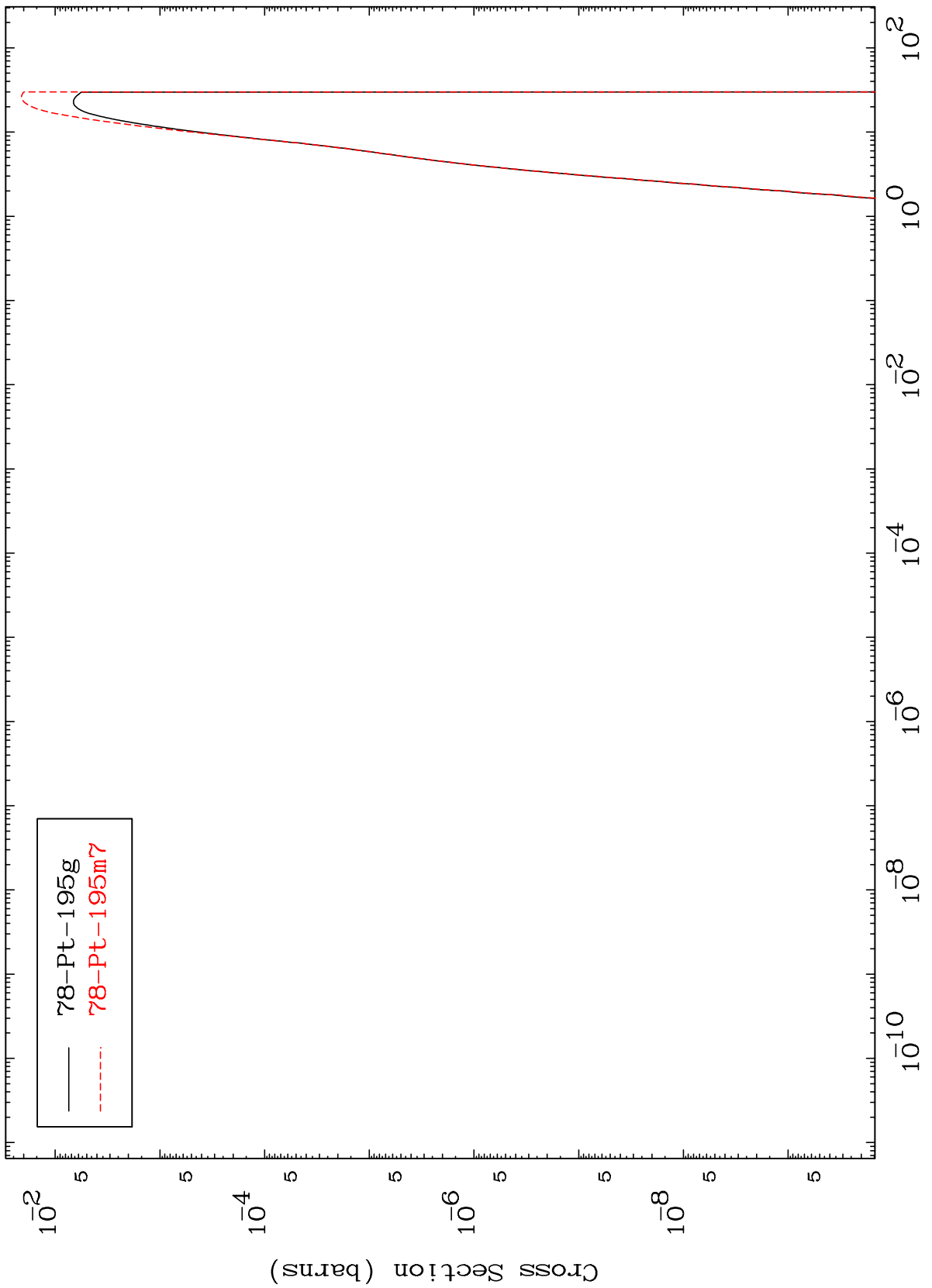


MAT 7920

(n,p)

79-Au-195

Radionuclide Production Cross Section



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

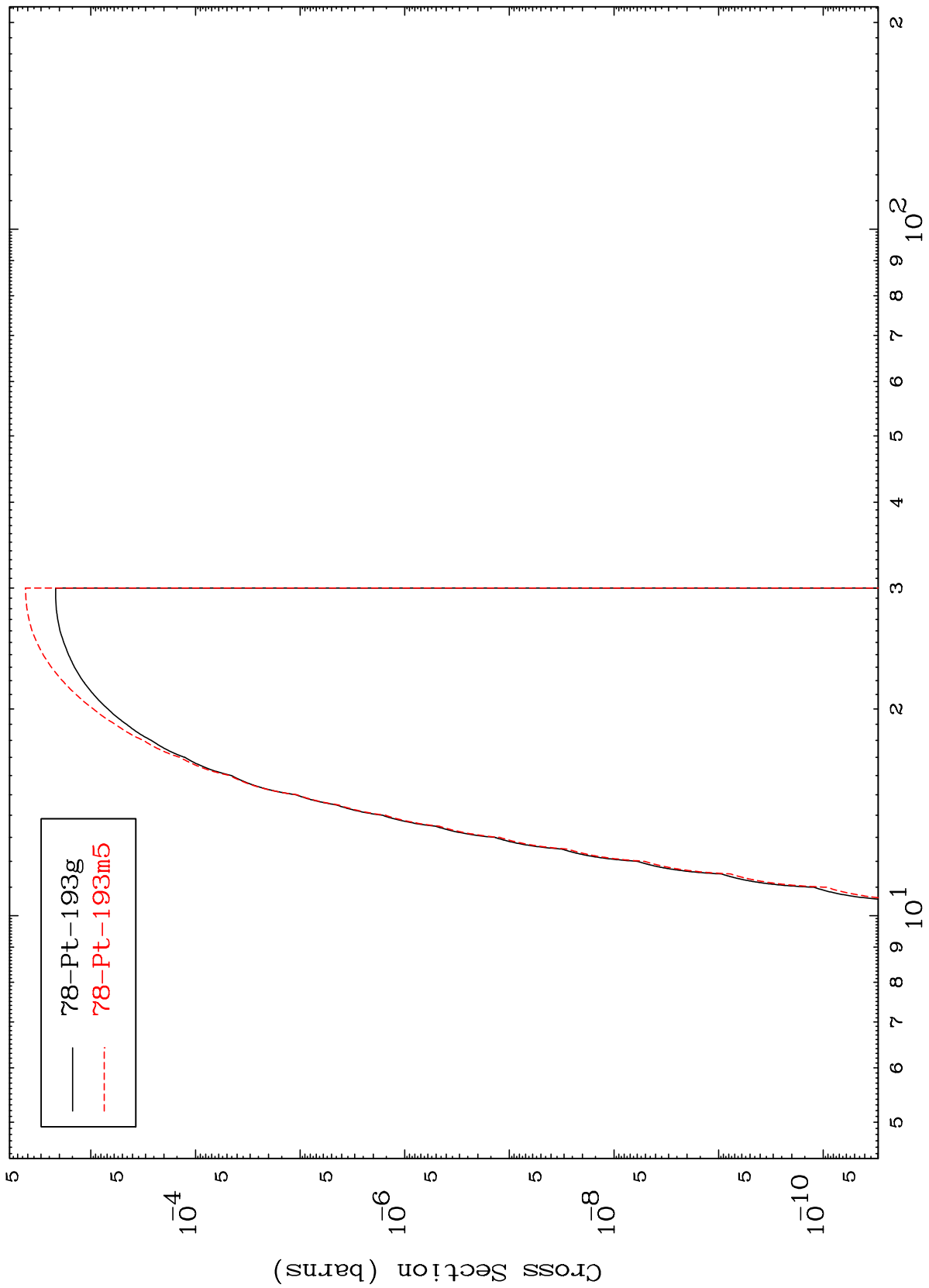
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

(n, t)
Radionuclide Production Cross Section



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

79-Au-195

Incident Energy (MeV)

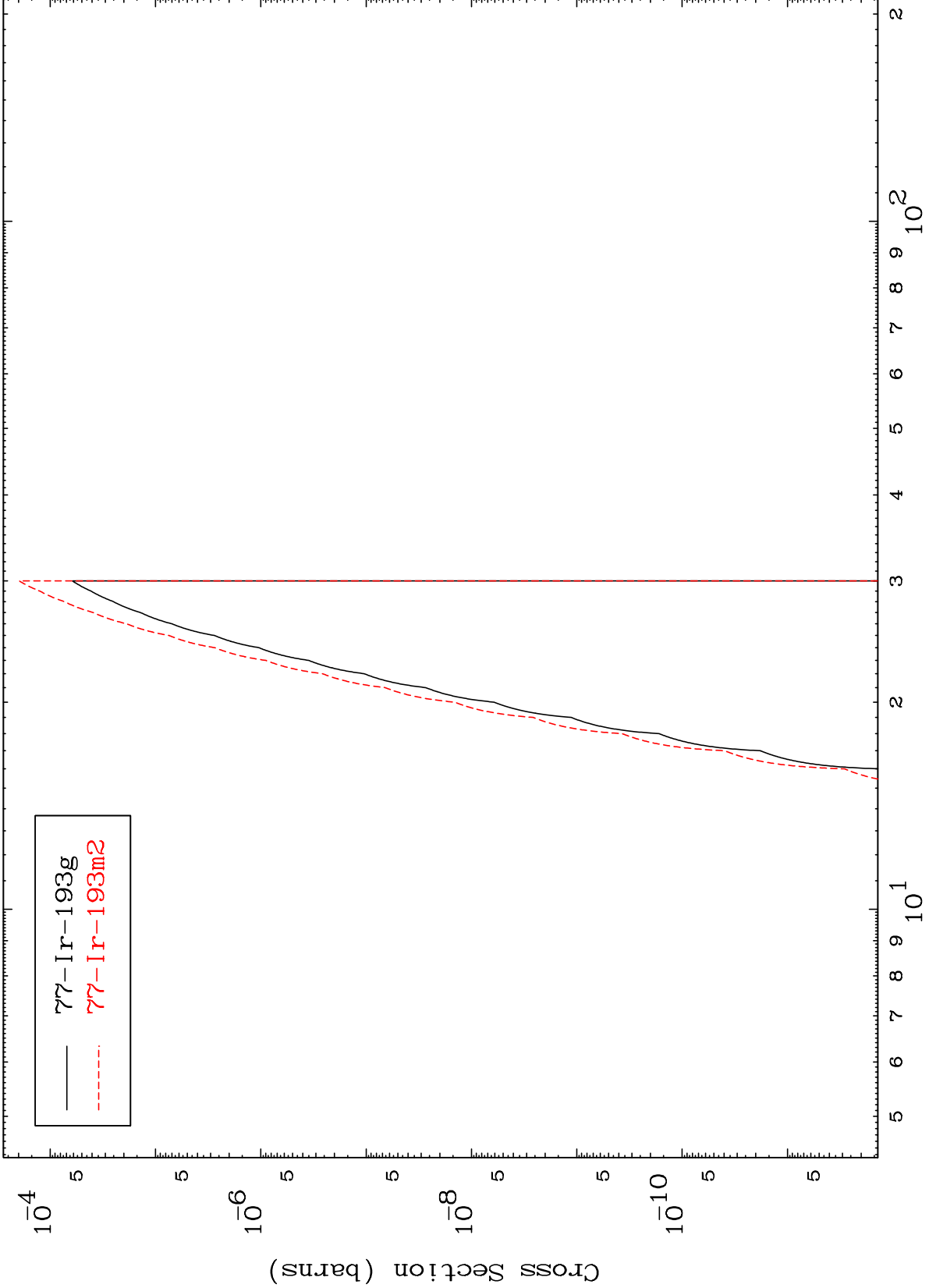
33

MAT 7920

(n,He-3)

79-Au-195

Radionuclide Production Cross Section



34

Incident Energy (MeV)

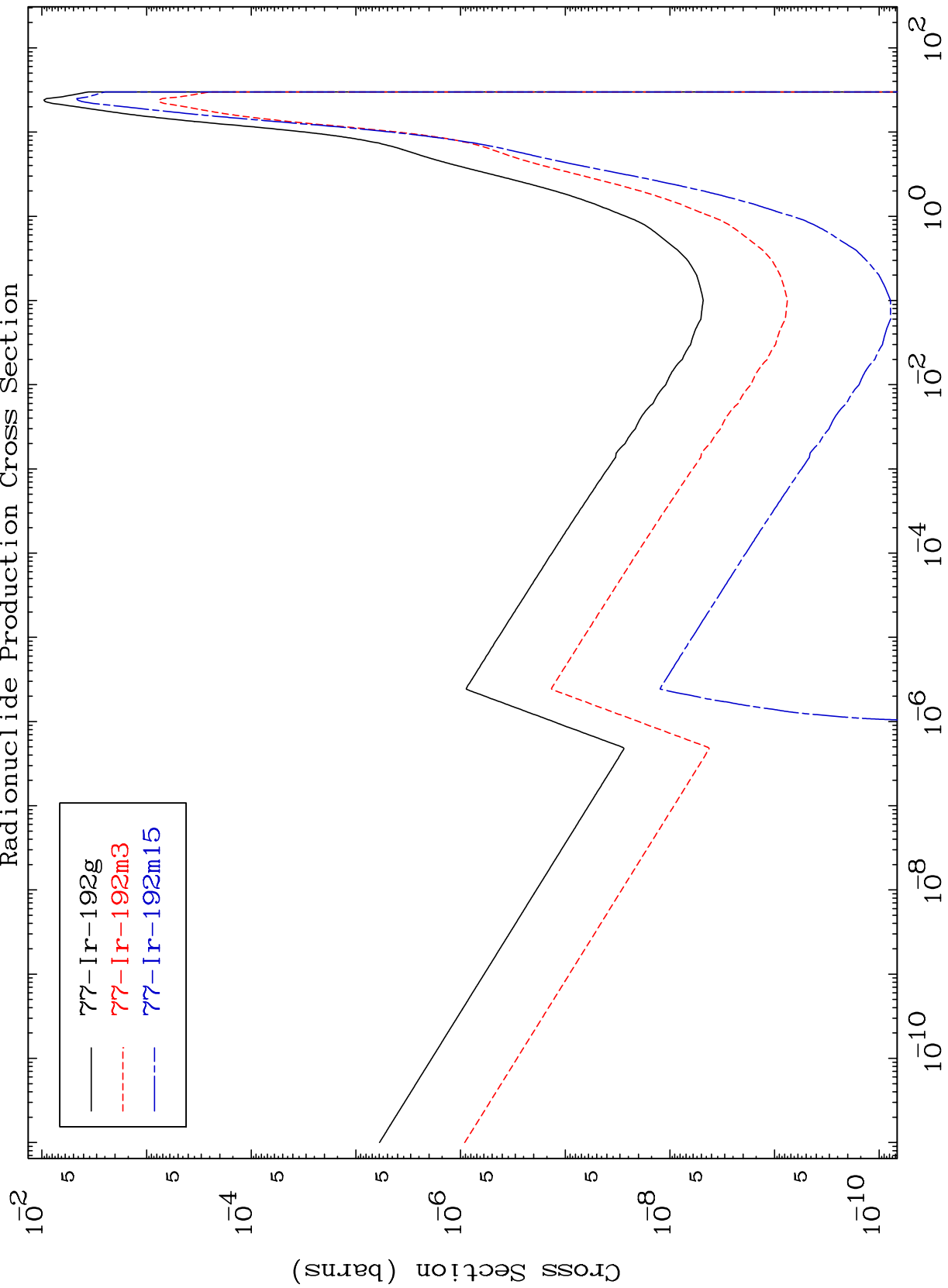
79-Au-195

MAT 7920

(n, α)

79-Au-195

Radionuclide Production Cross Section



35

Incident Energy (MeV)

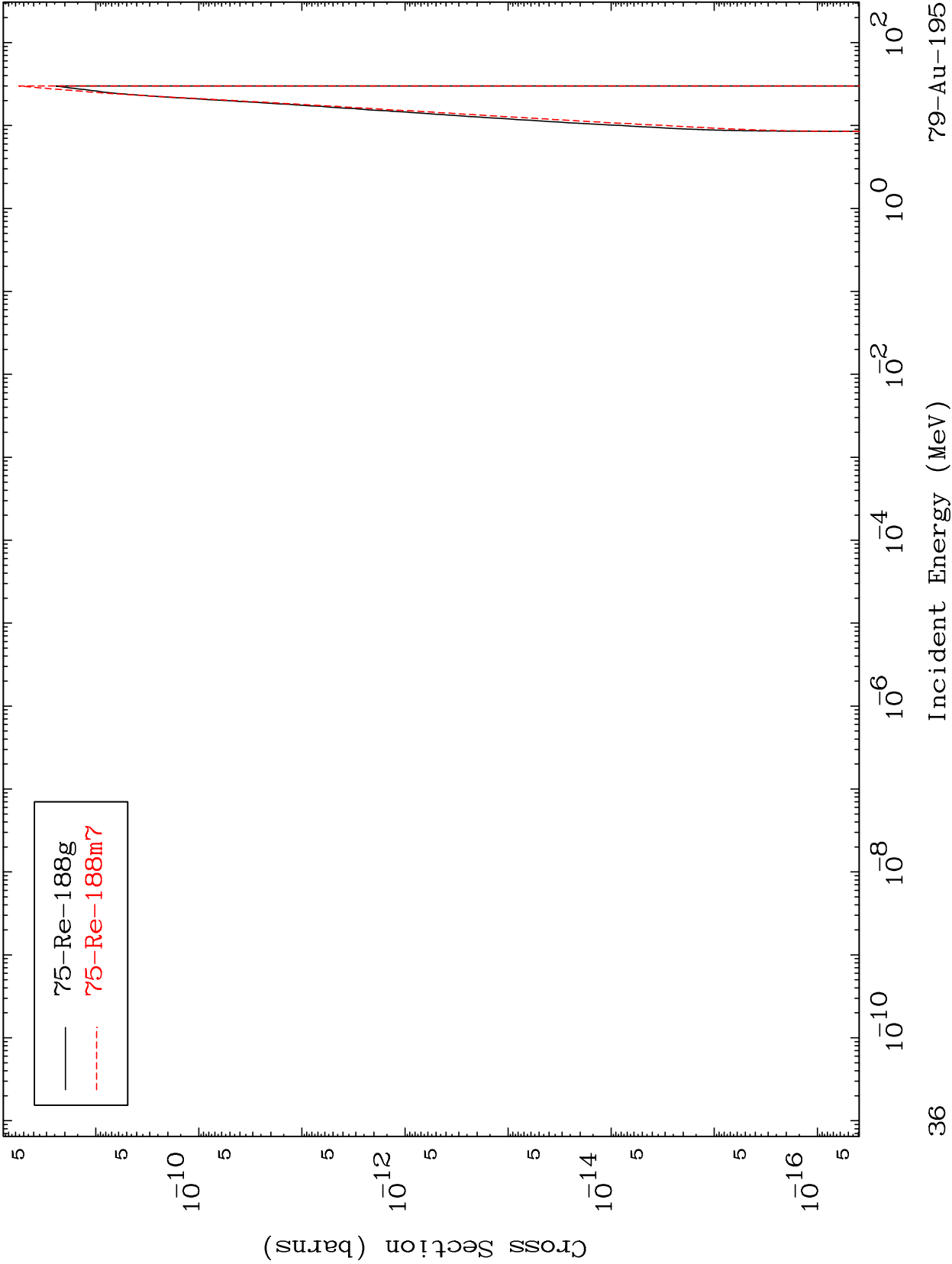
79-Au-195

MAT 7920

(n,2α)

79-Au-195

Radionuclide Production Cross Section

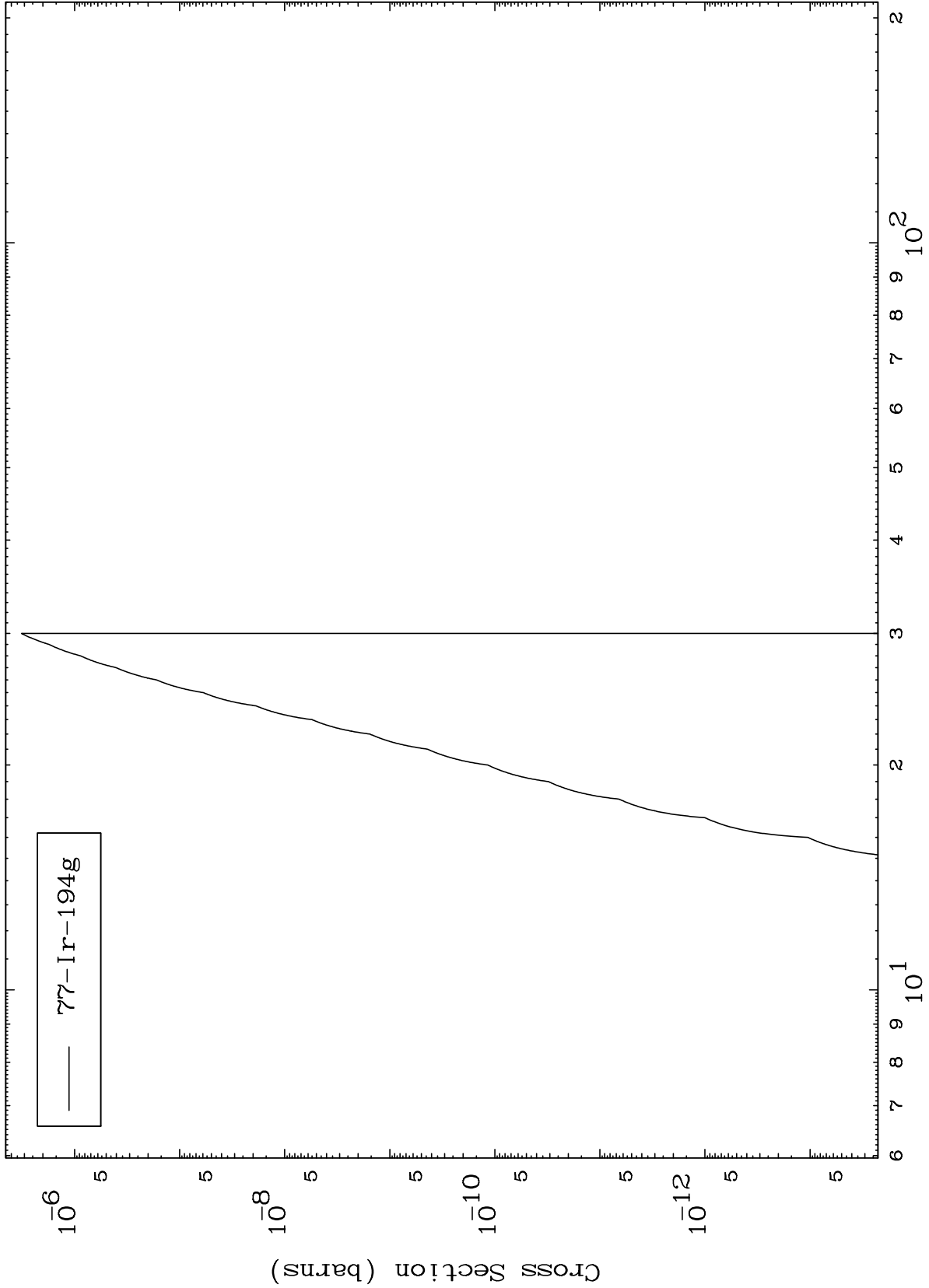


75-Re-188g
75-Re-188m7

MAT 7920

79-Au-195

(n,2p)
Radionuclide Production Cross Section



37

Incident Energy (MeV)

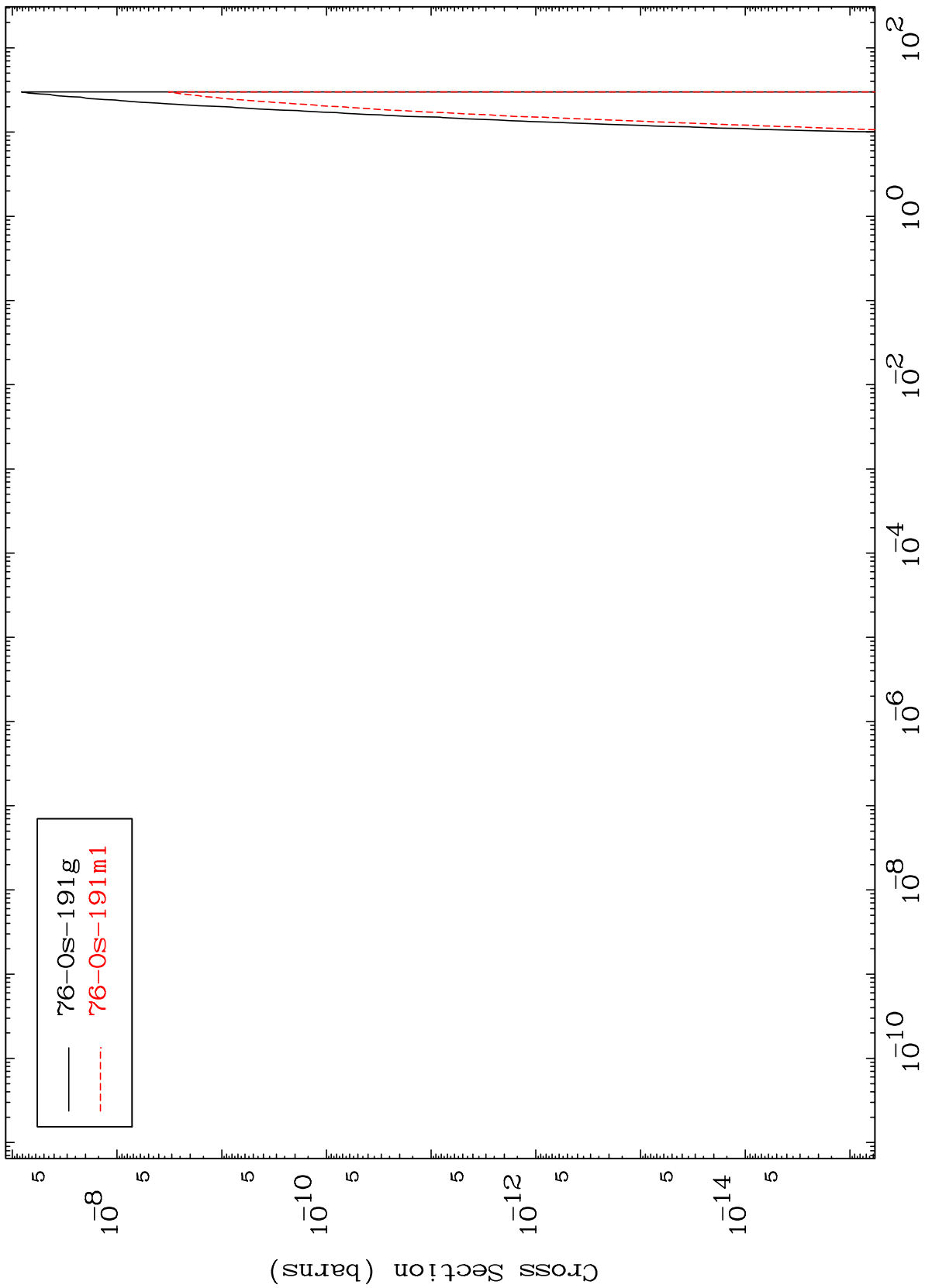
79-Au-195

MAT 7920

(n,p) α

⁷⁹Au-195

Radionuclide Production Cross Section

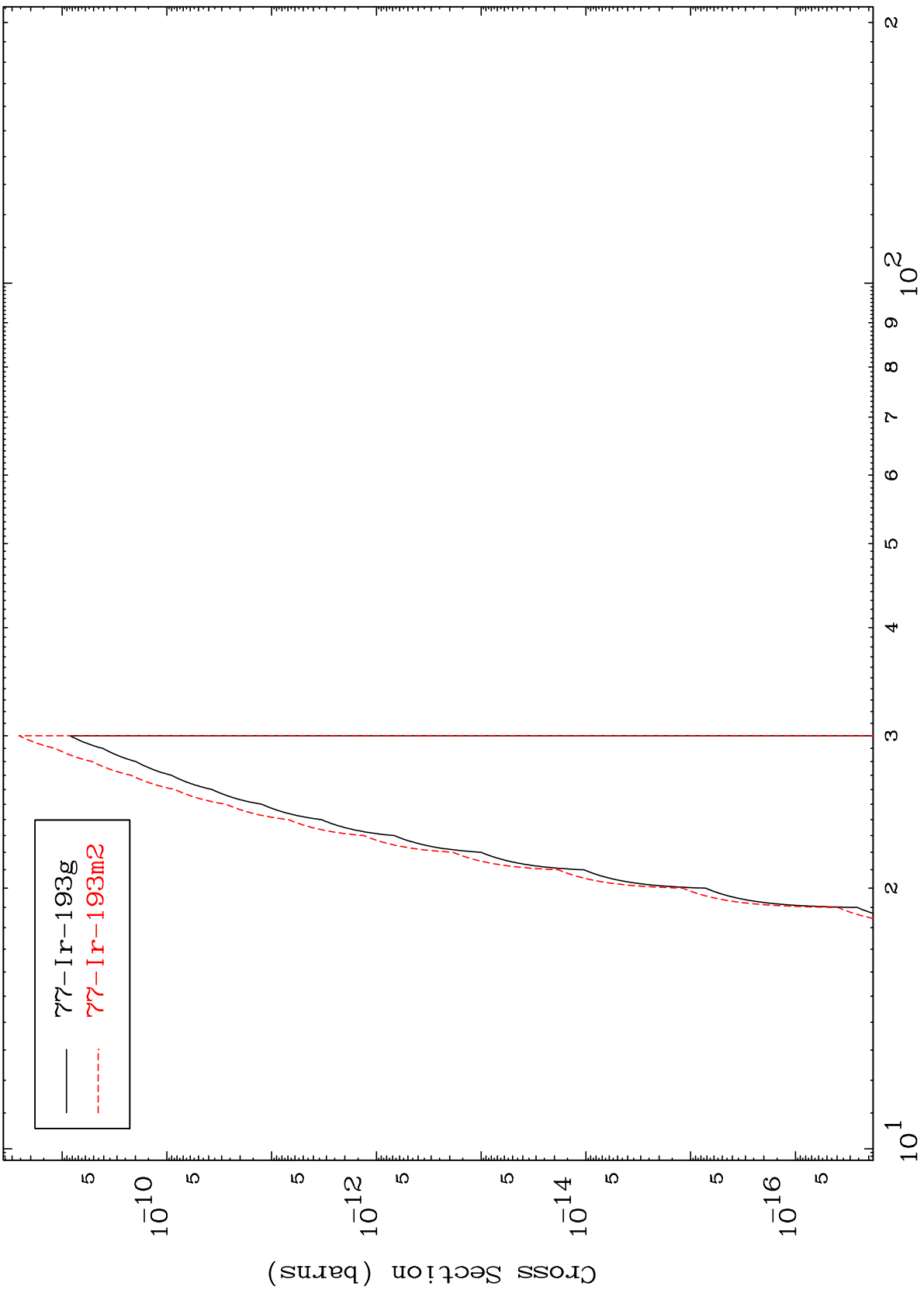


MAT 7920

(n,p) d

79-Au-195

Radionuclide Production Cross Section



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

Incident Energy (MeV)

79-Au-195

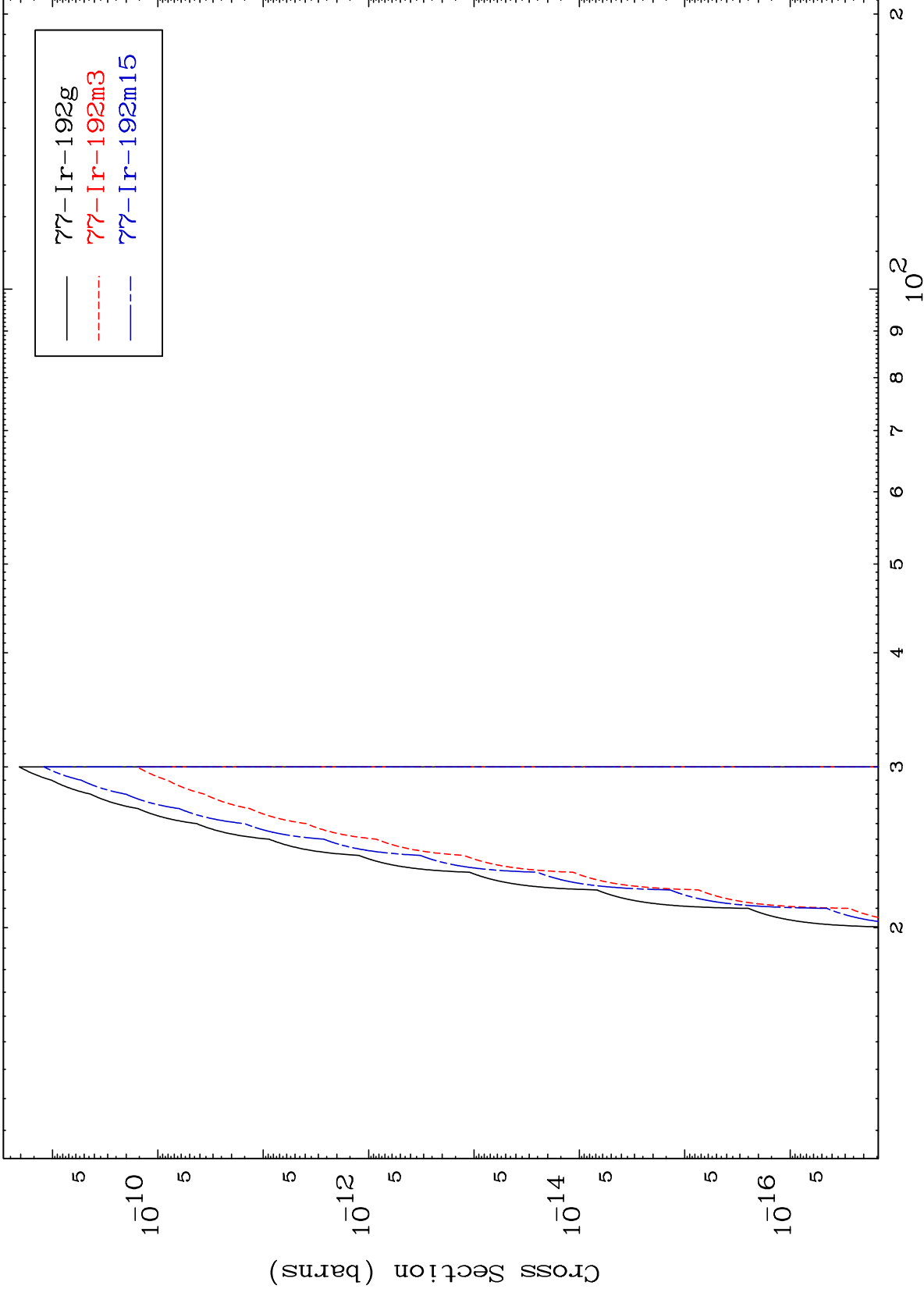
39

MAT 7920

(n,p) t

79-Au-195

Radionuclide Production Cross Section



40

Incident Energy (MeV)

79-Au-195

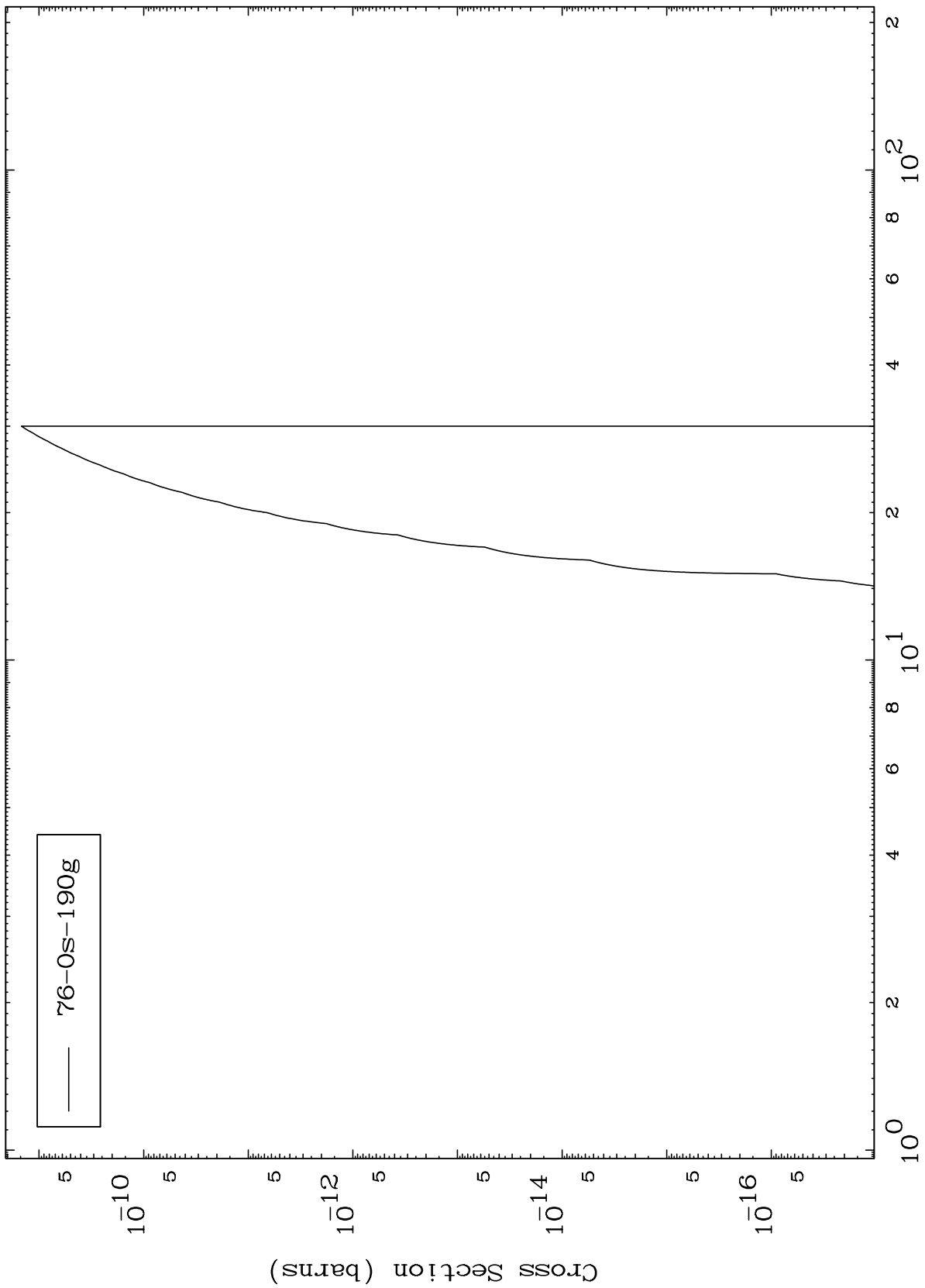
MAT 7920

(n,d) α

79-Au-195

Radionuclide Production Cross Section

— 76-Os-190g



41

Incident Energy (MeV)

79-Au-195