

Program EVALPLOT
(Version 2018-1)

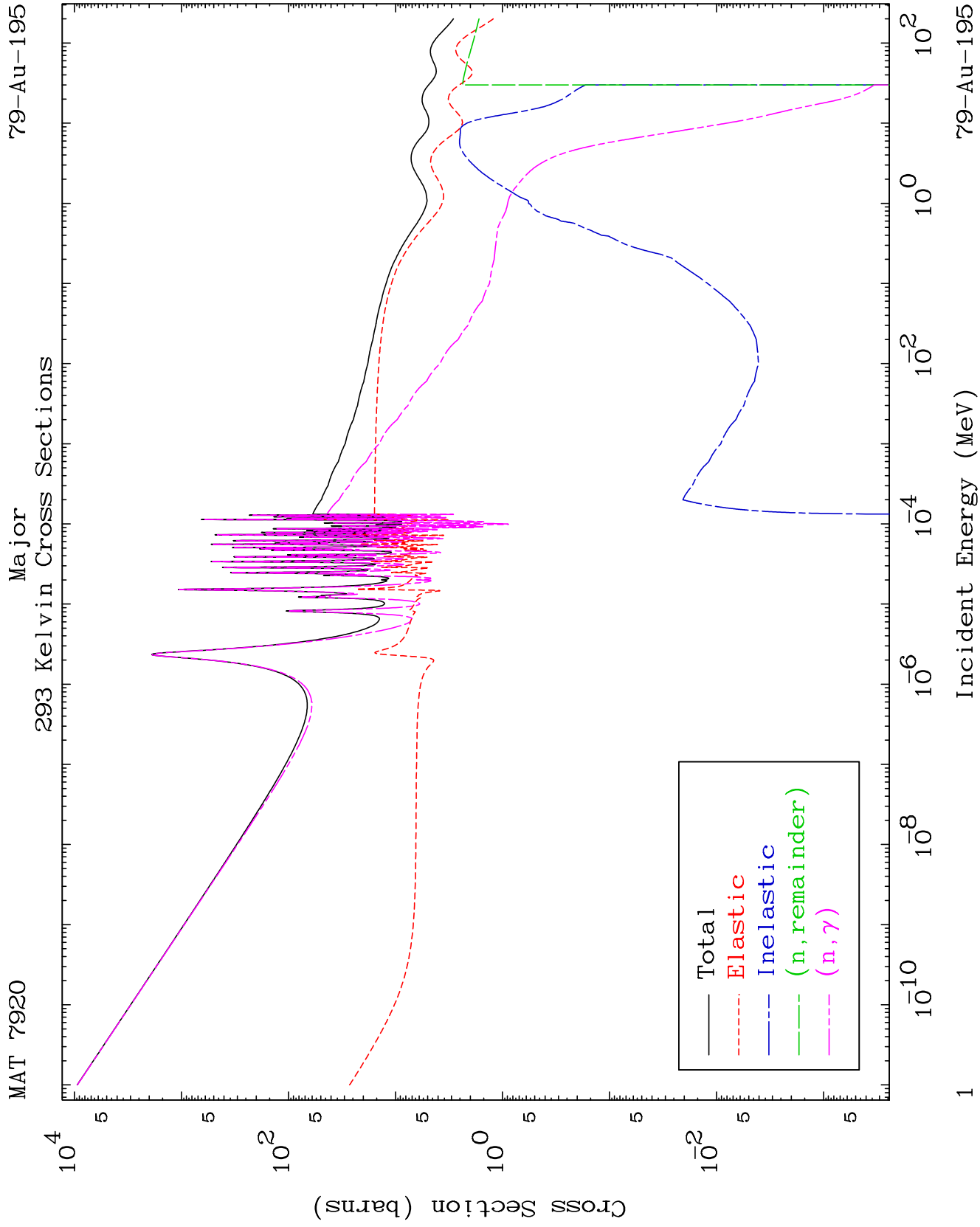
by

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Web: redcullen1.net/HOMEPAGE.NEW

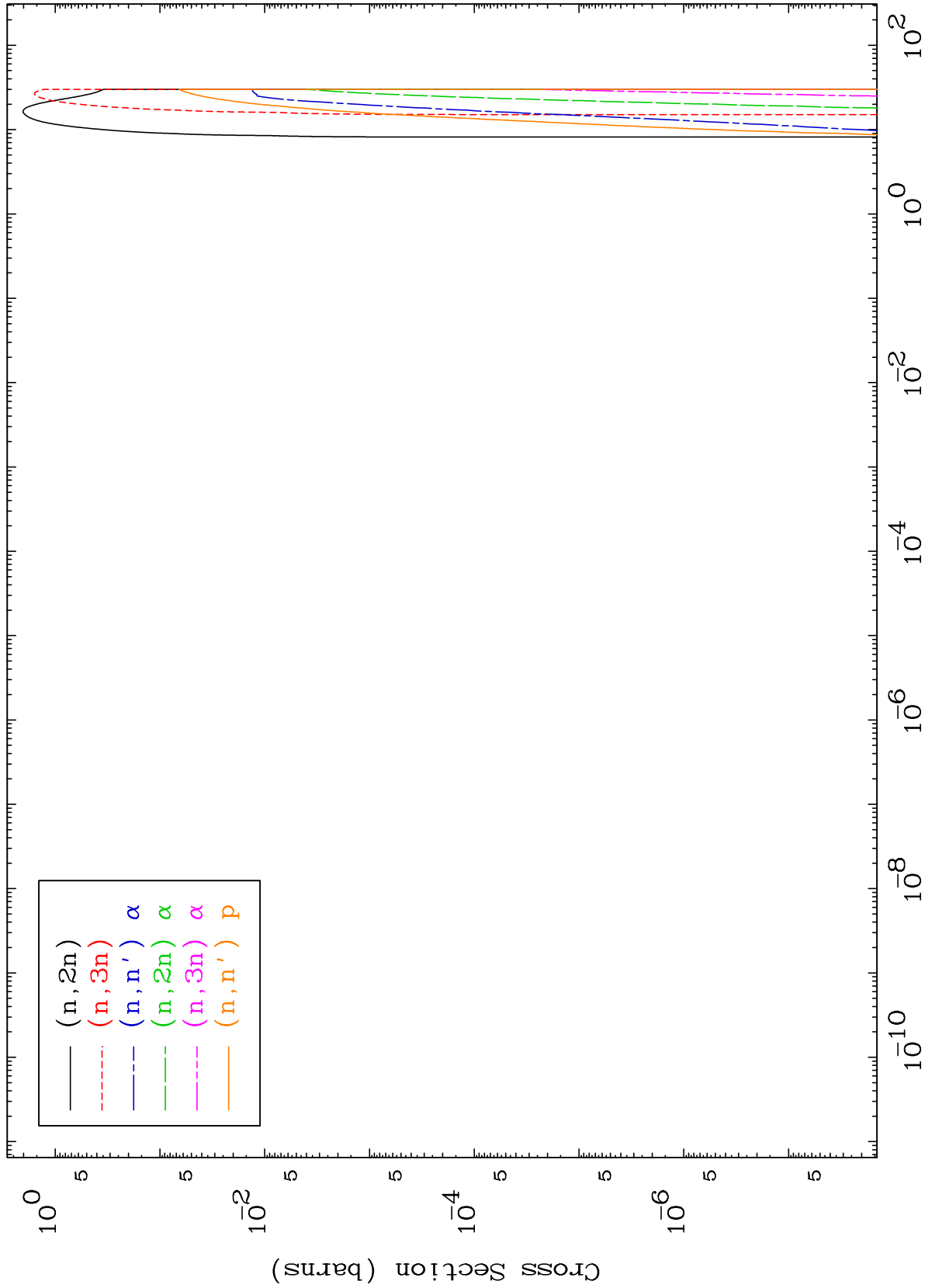
Press Mouse Button to Start



MAT 7920

Neutron Production
293 Kelvin Cross Sections

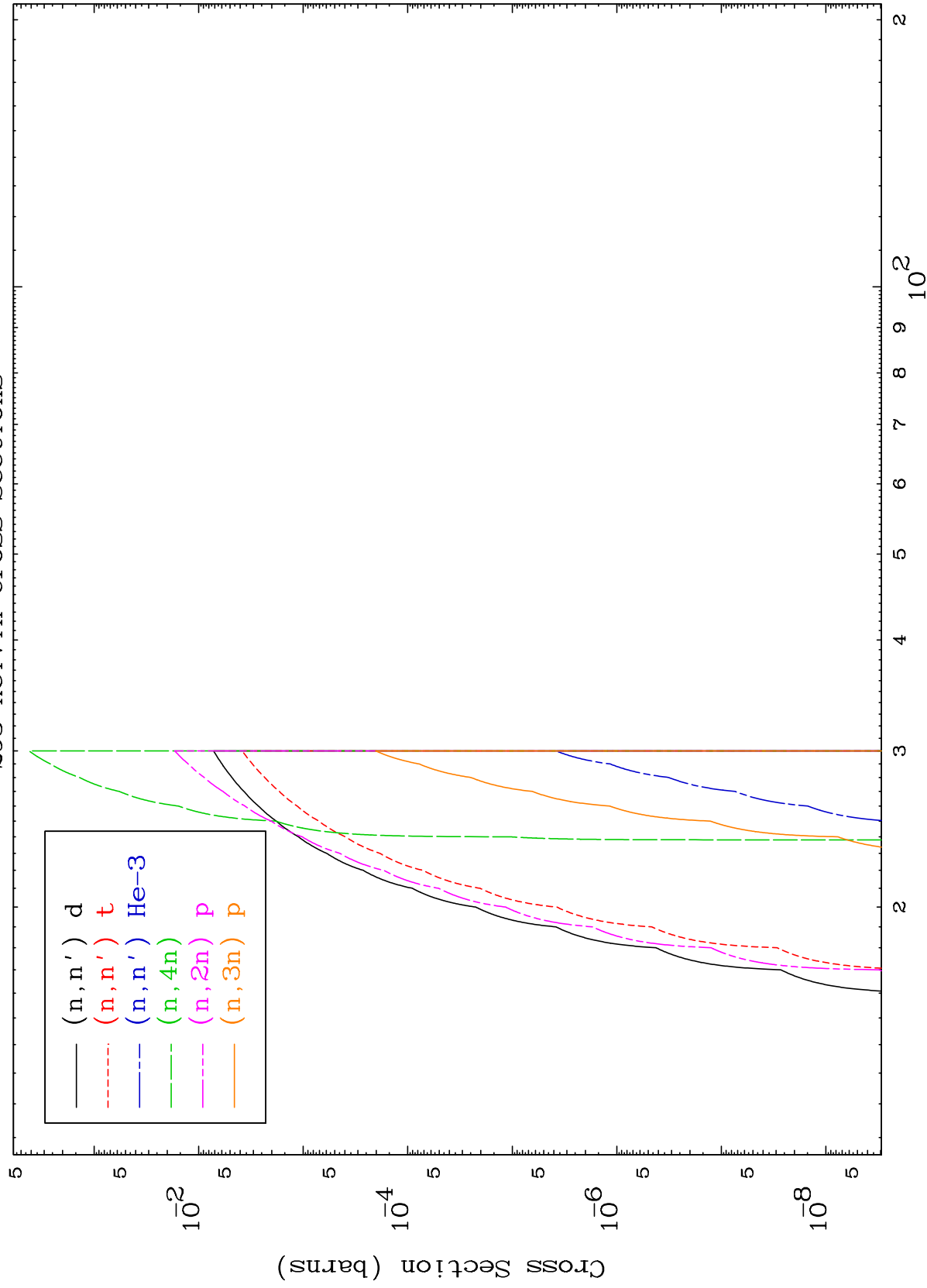
79-Au-195

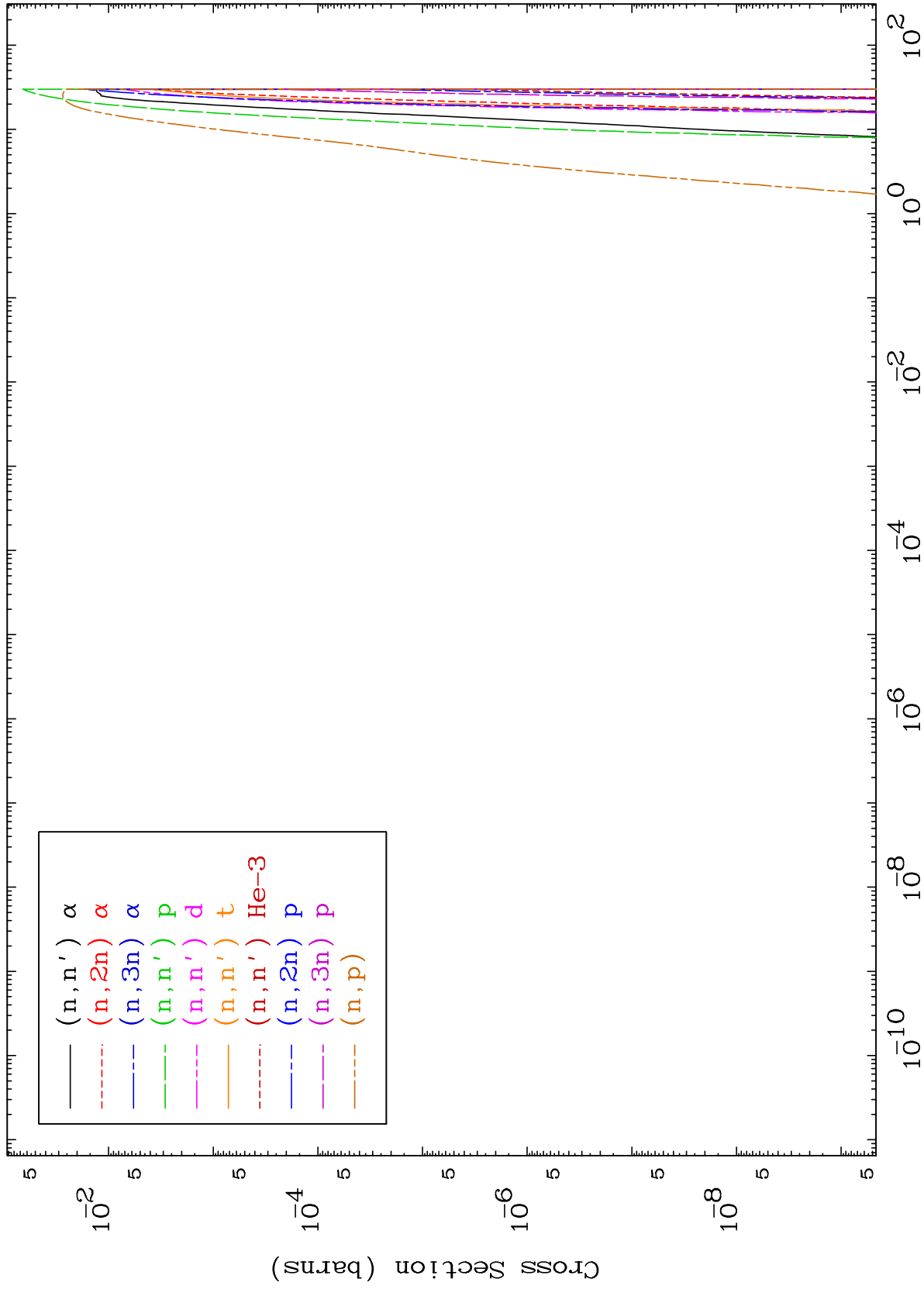


2

Incident Energy (MeV)

79-Au-195

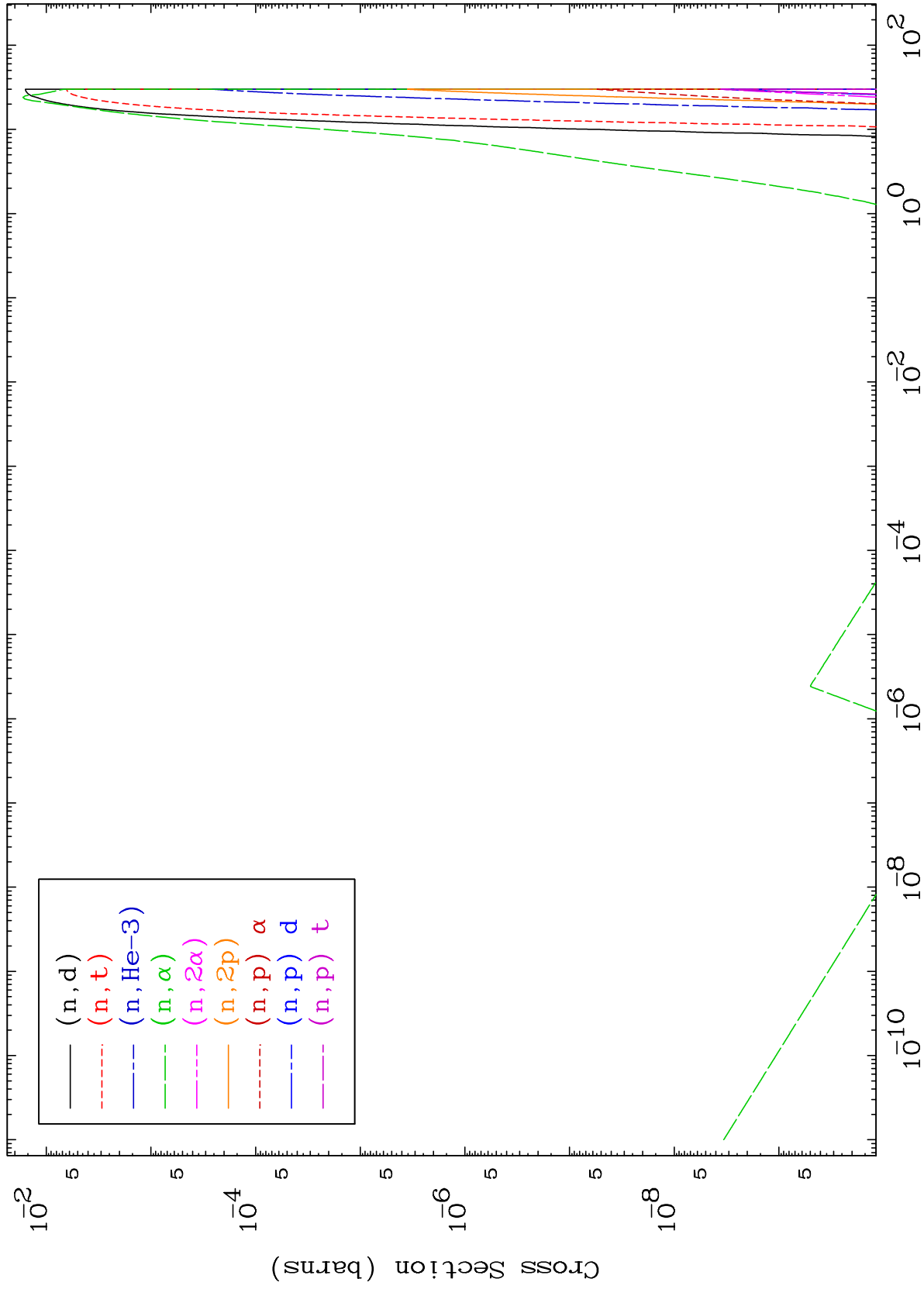




MAT 7920

Charged Particle
293 Kelvin Cross Sections

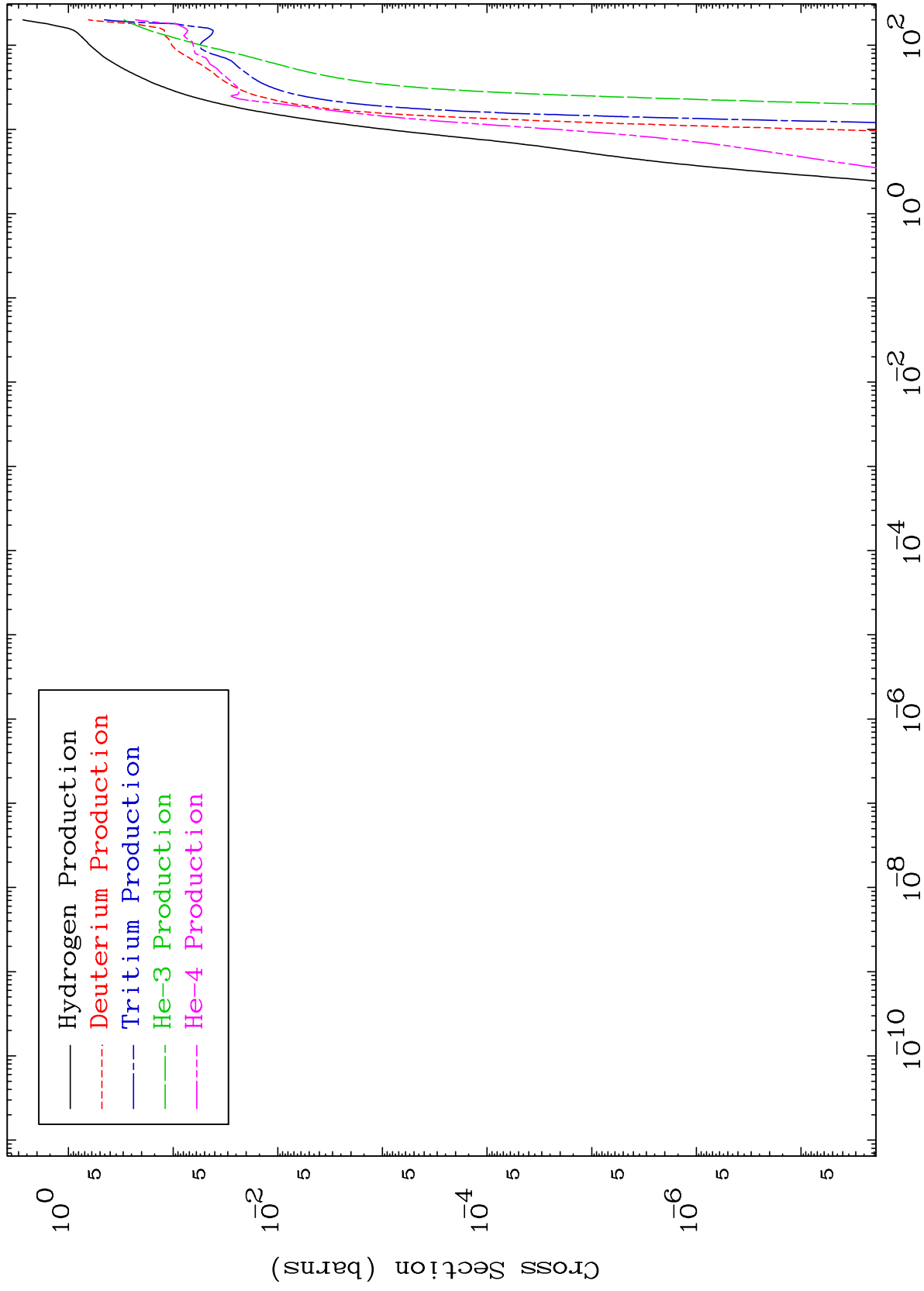
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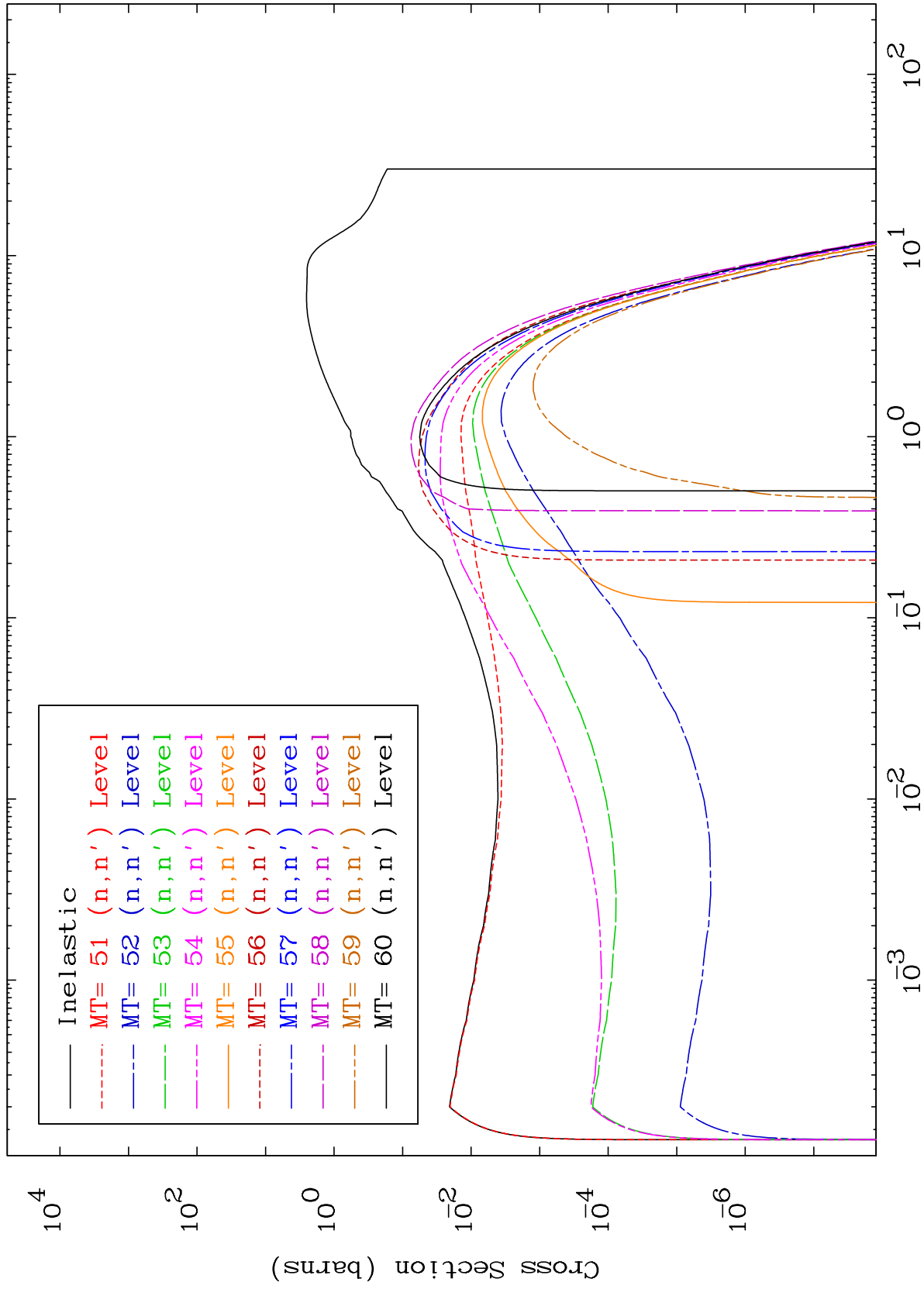


5

Incident Energy (MeV)

79-Au-195



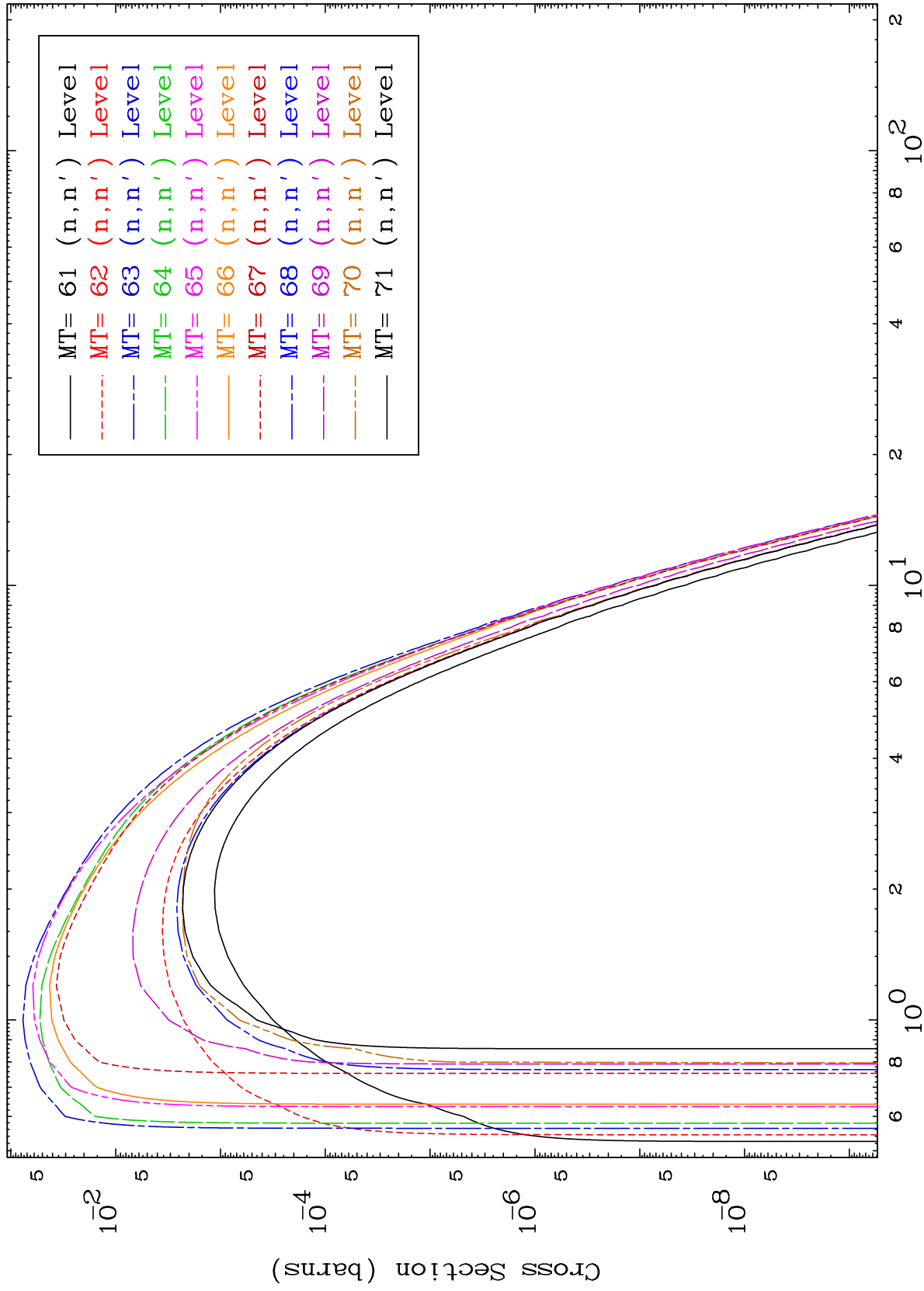


MAT 7920

(n,n') Level

79-Au-195

293 Kelvin Cross Sections



8

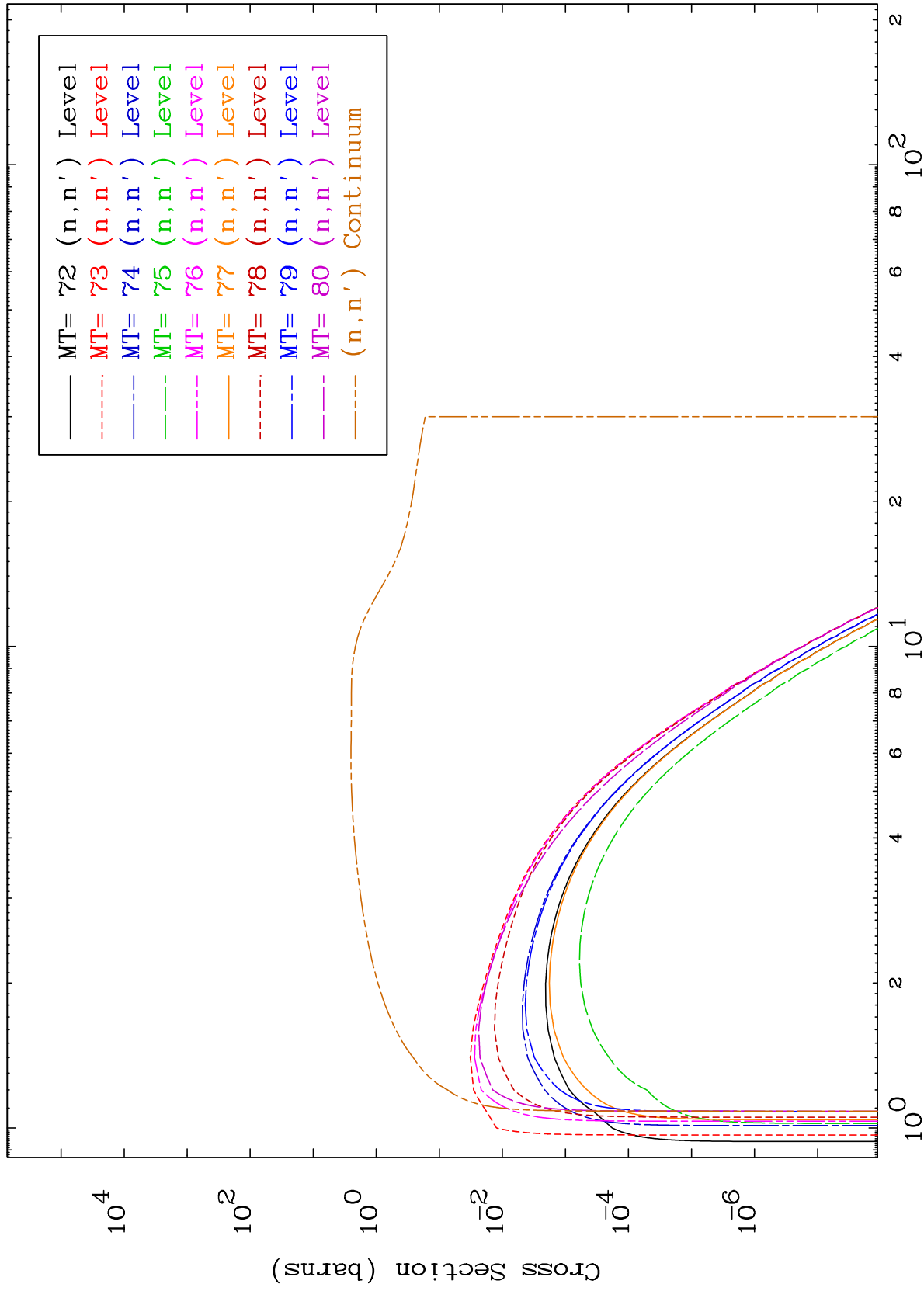
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,n') Level
293 Kelvin Cross Sections

79-Au-195



9

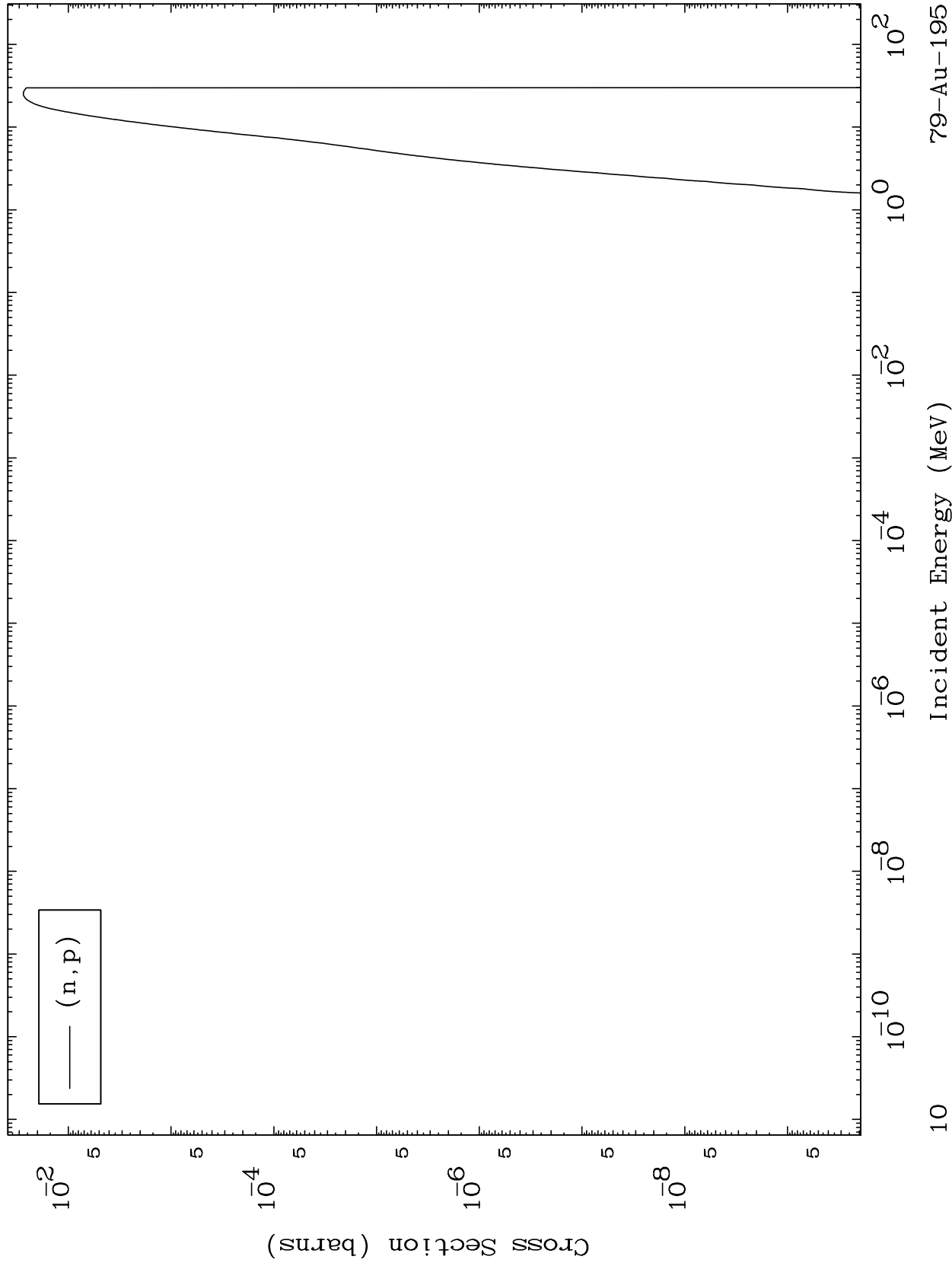
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,p) Levels
293 Kelvin Cross Sections

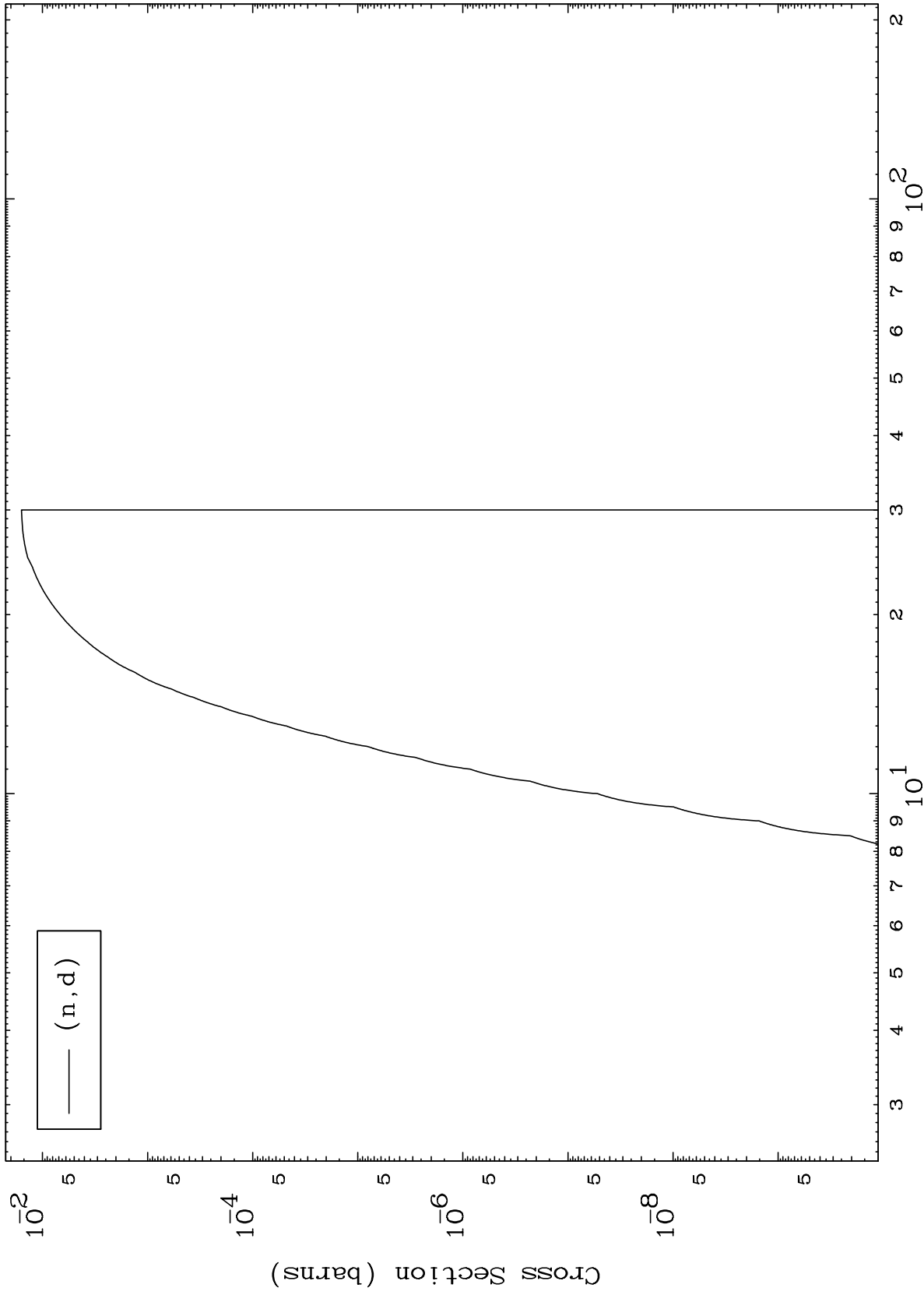
79-Au-195



MAT 7920

(n,d) Levels
293 Kelvin Cross Sections

79-Au-195



11

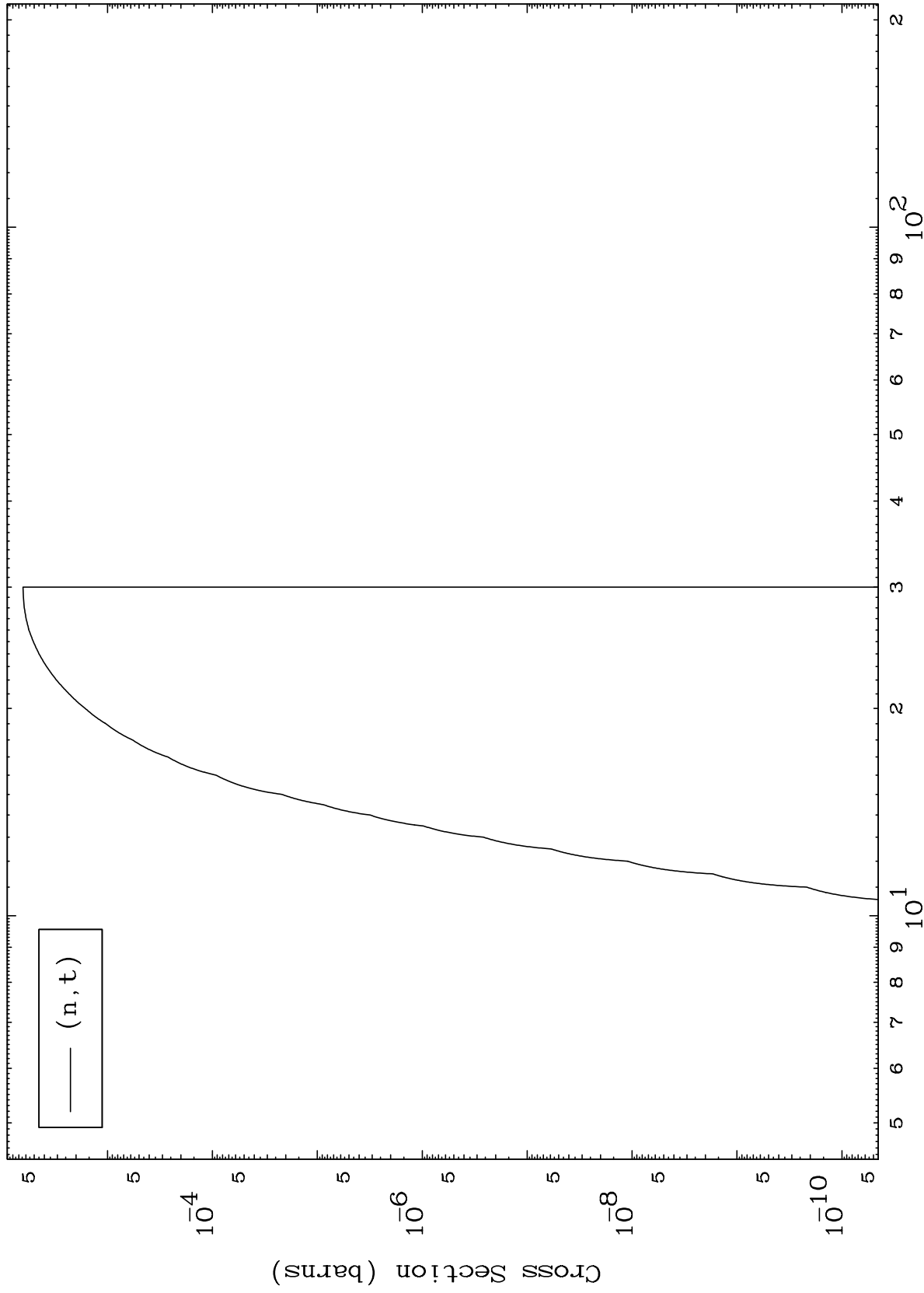
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

(n,t) Levels
293 Kelvin Cross Sections



12

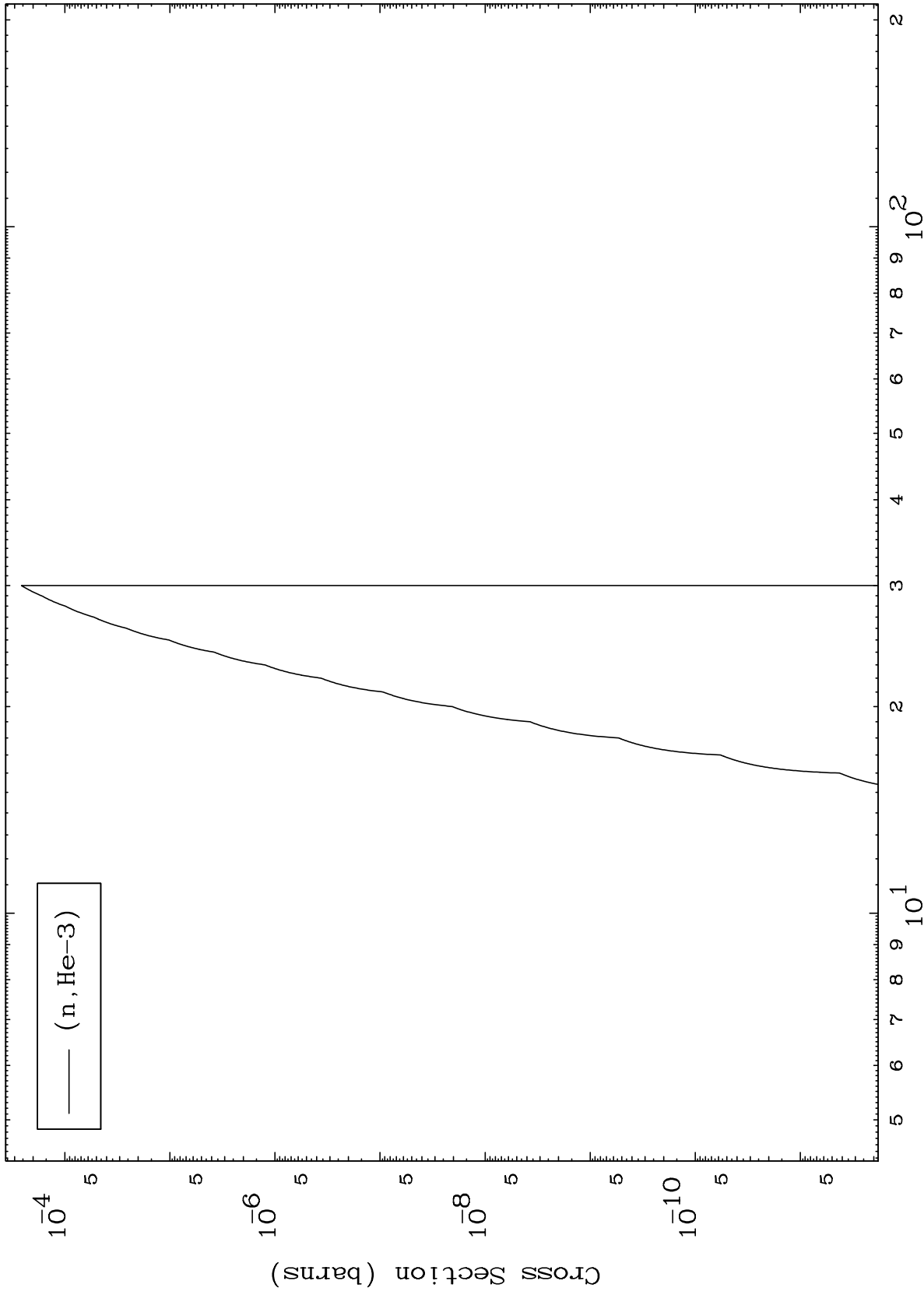
Incident Energy (MeV)

79-Au-195

MAT 7920

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-195



13

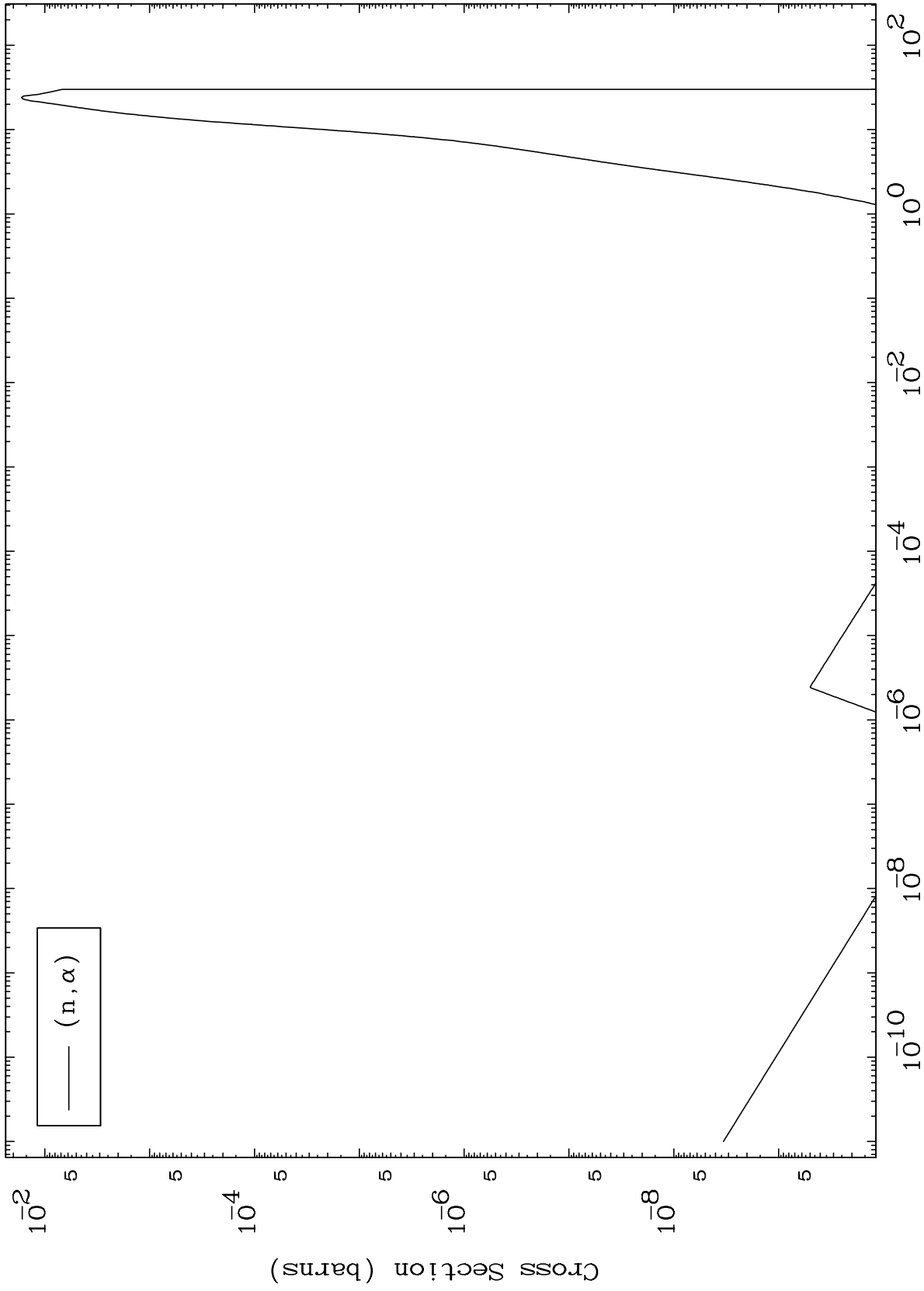
Incident Energy (MeV)

79-Au-195

MAT 7920

(n, α) Levels
293 Kelvin Cross Sections

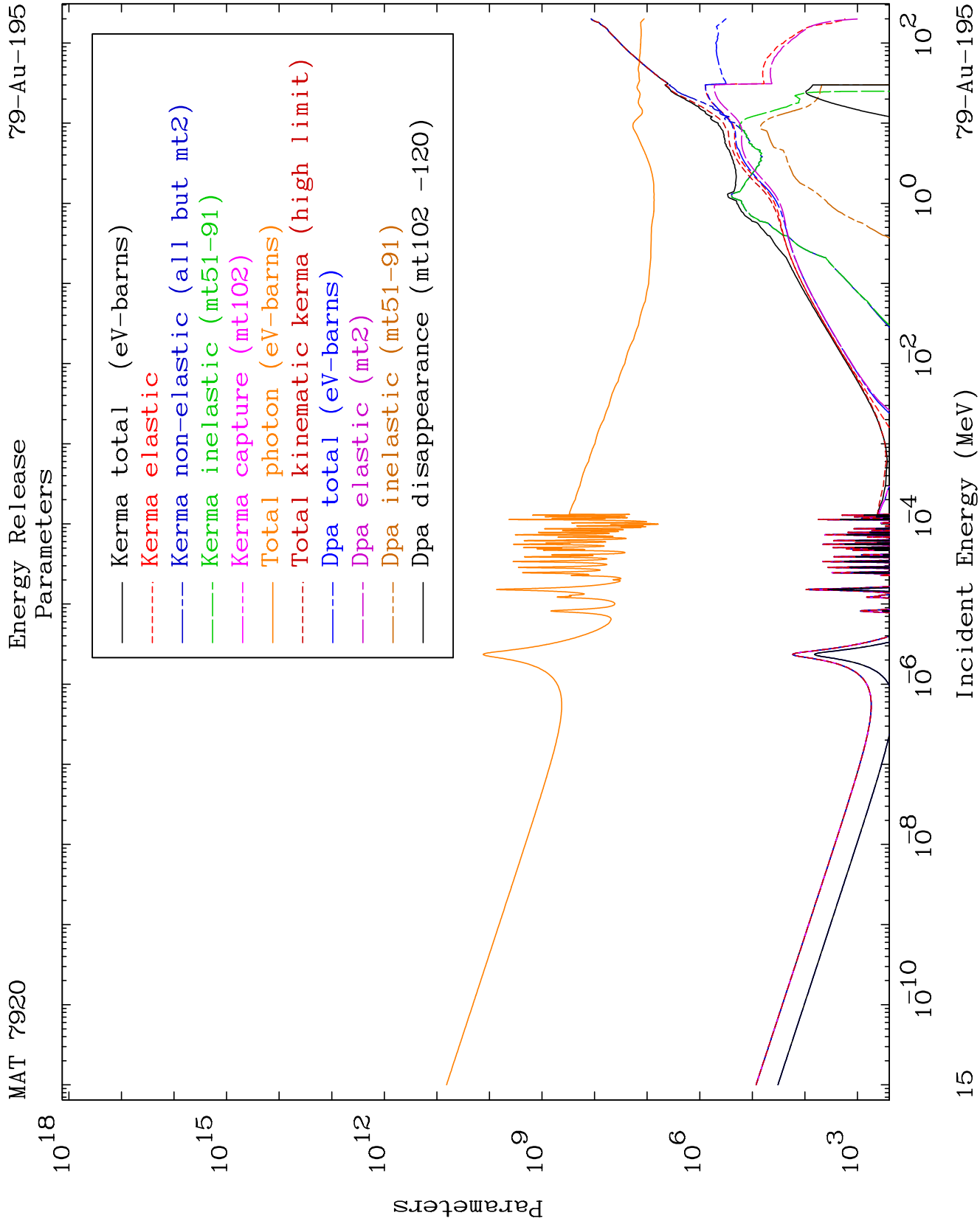
79-Au-195

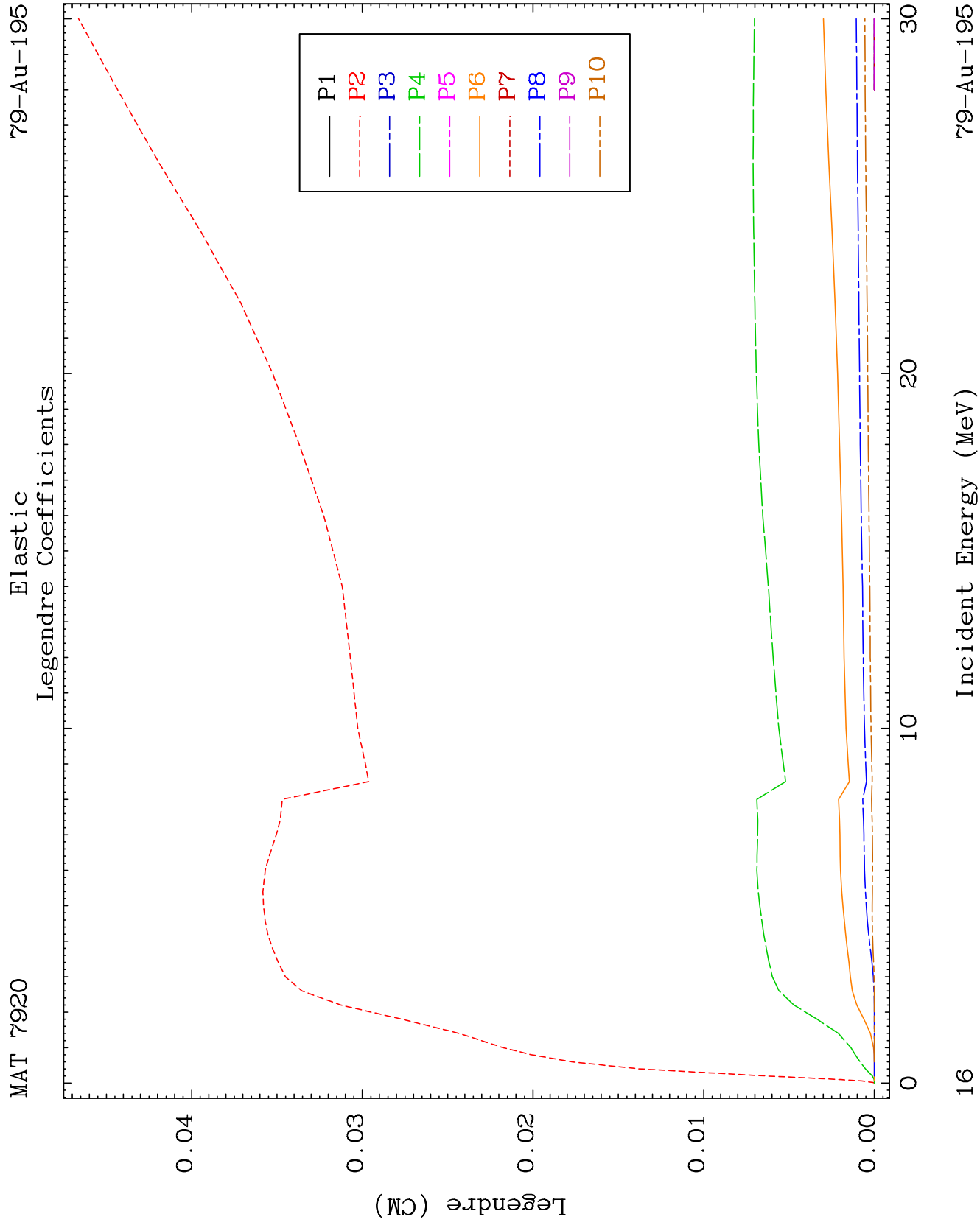


14

Incident Energy (MeV)

79-Au-195

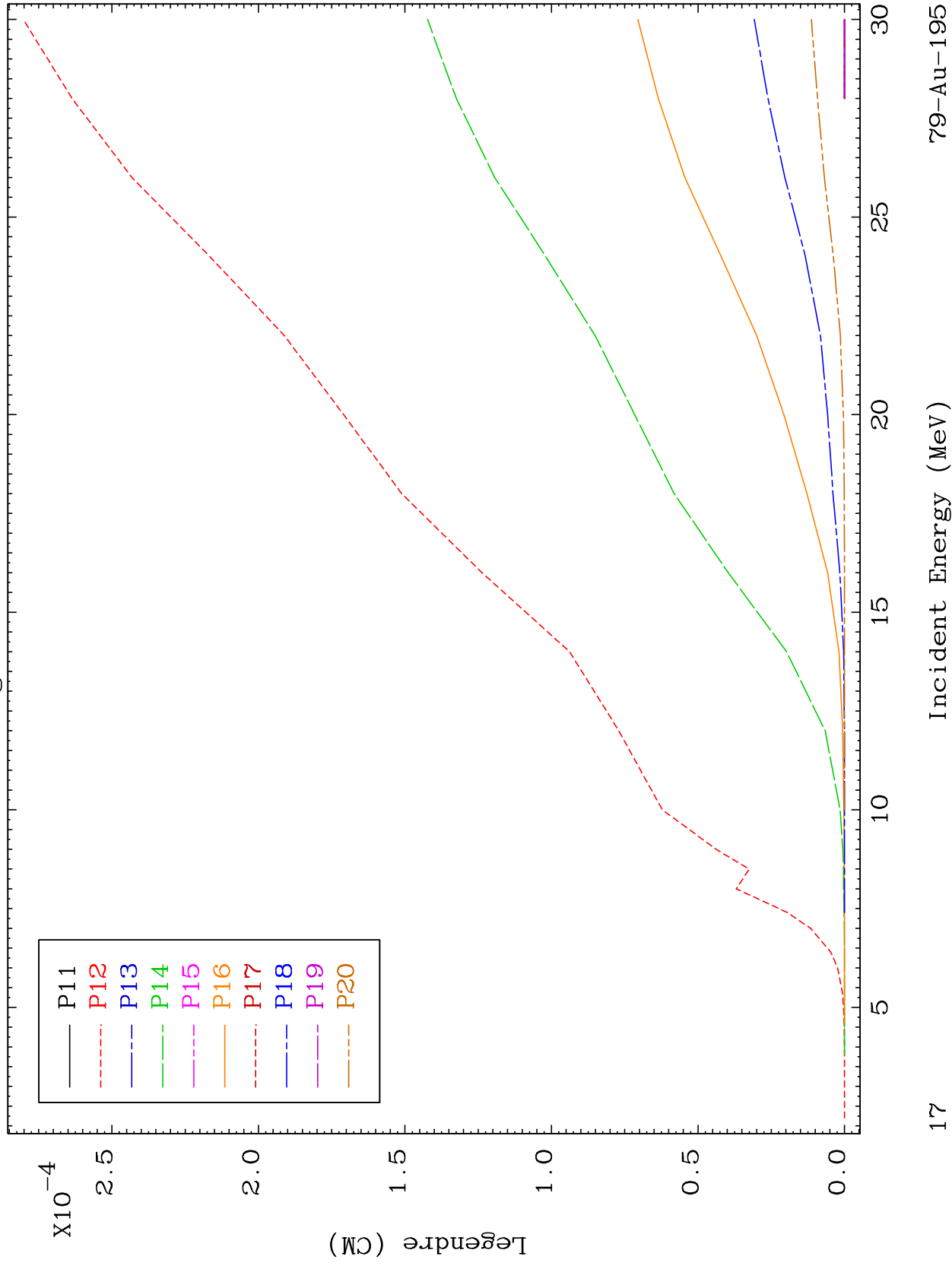


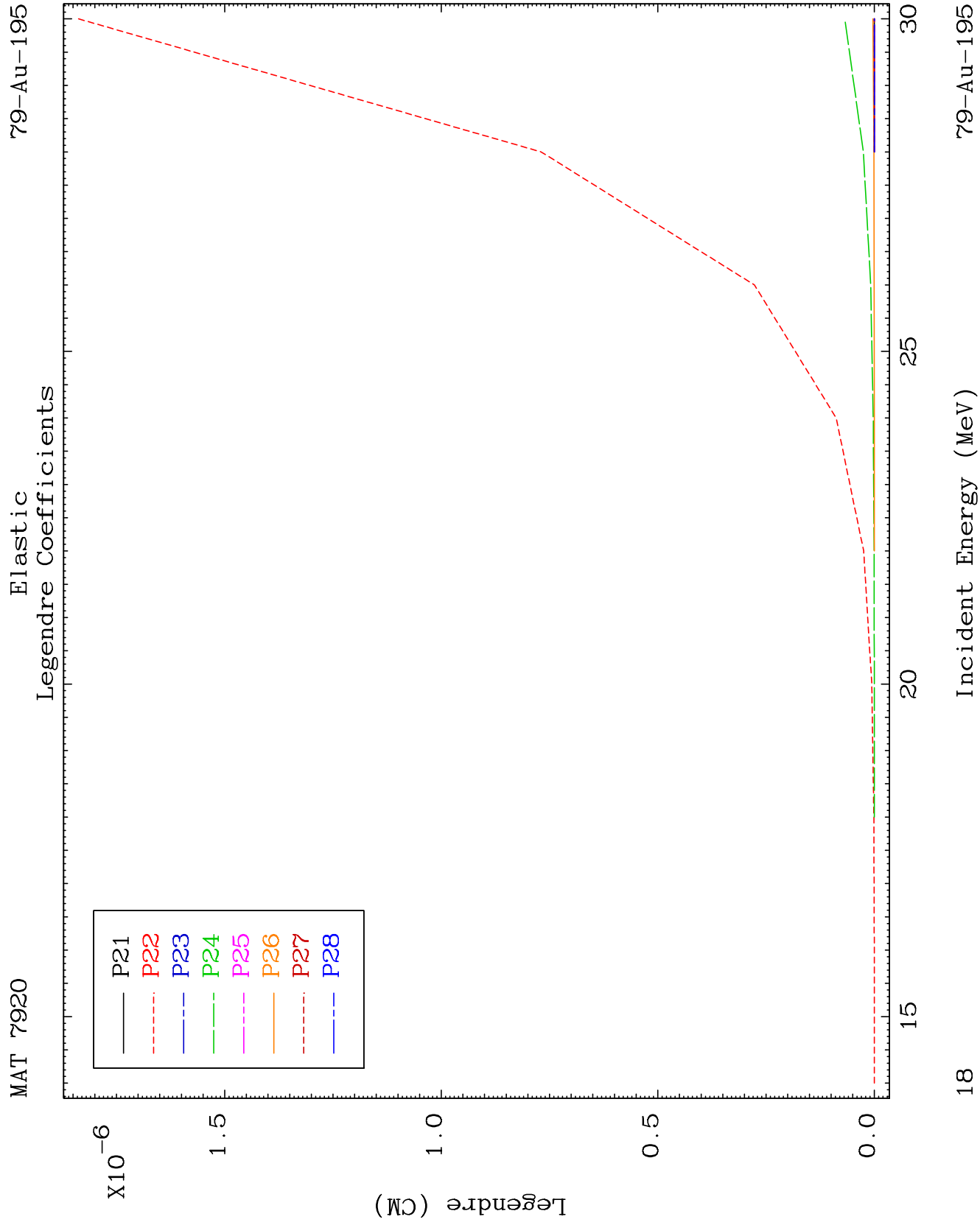


MAT 7920

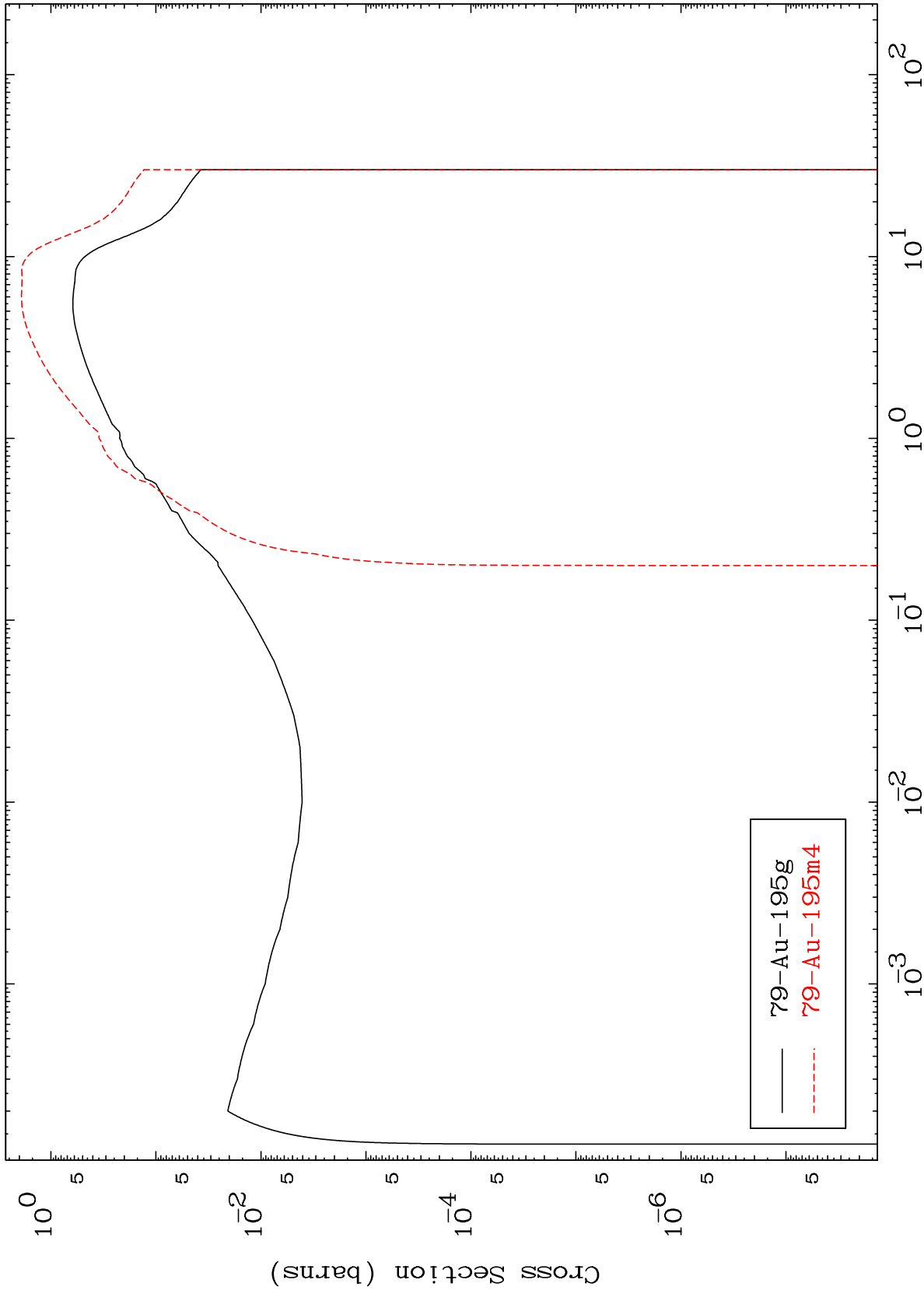
Elastic Legendre Coefficients

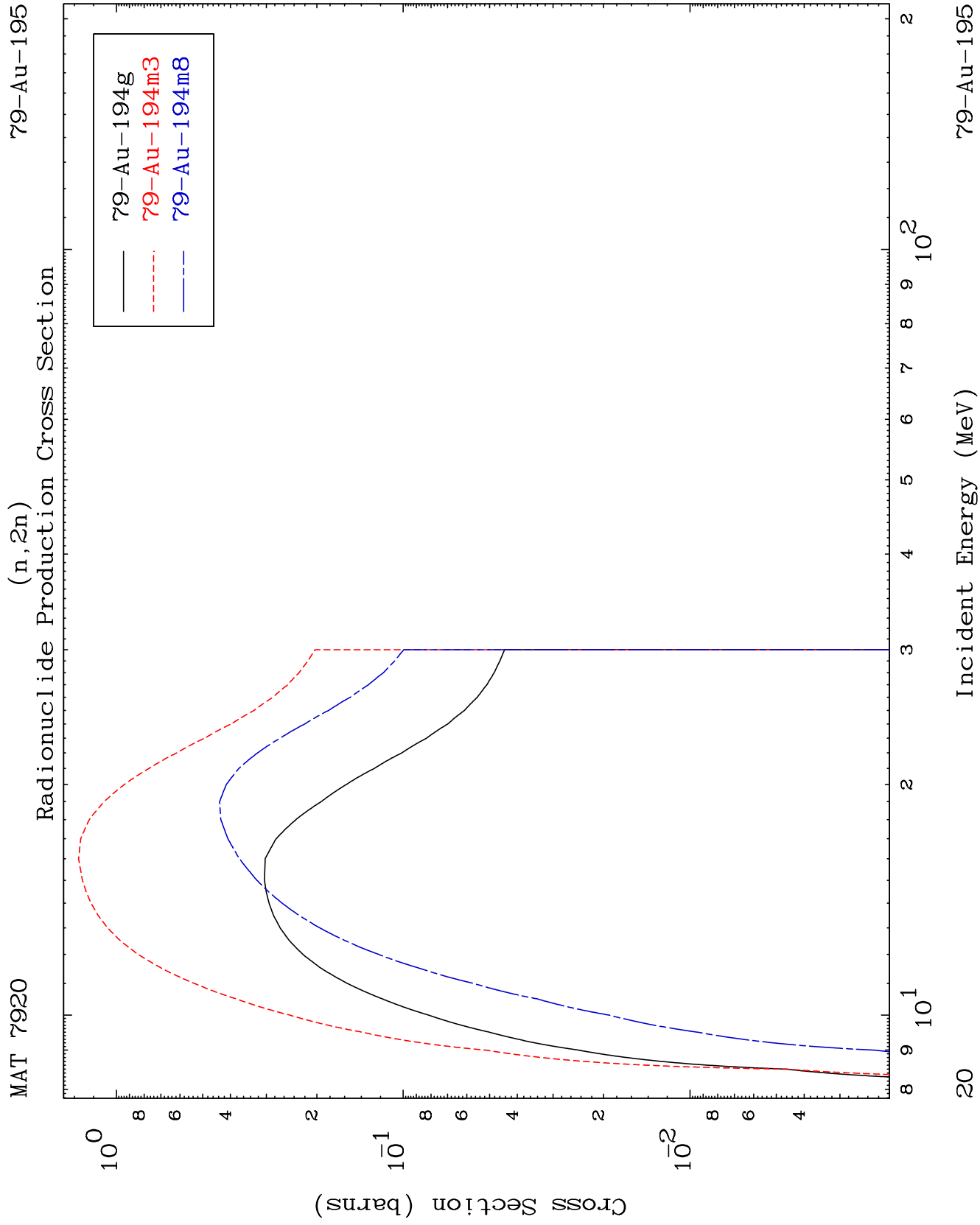
79-Au-195





Inelastic Radionuclide Production Cross Section

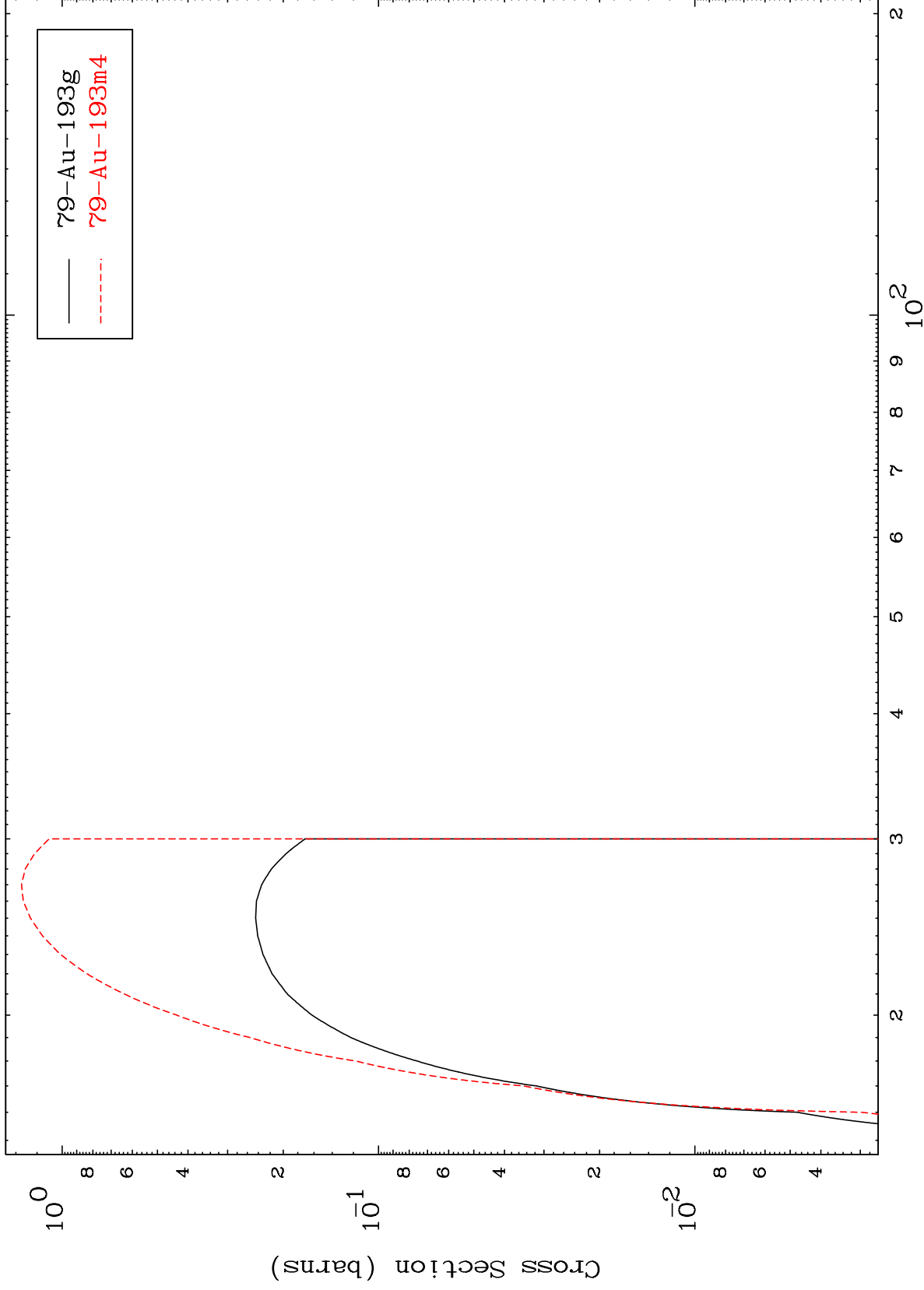




MAT 7920

79-Au-195

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

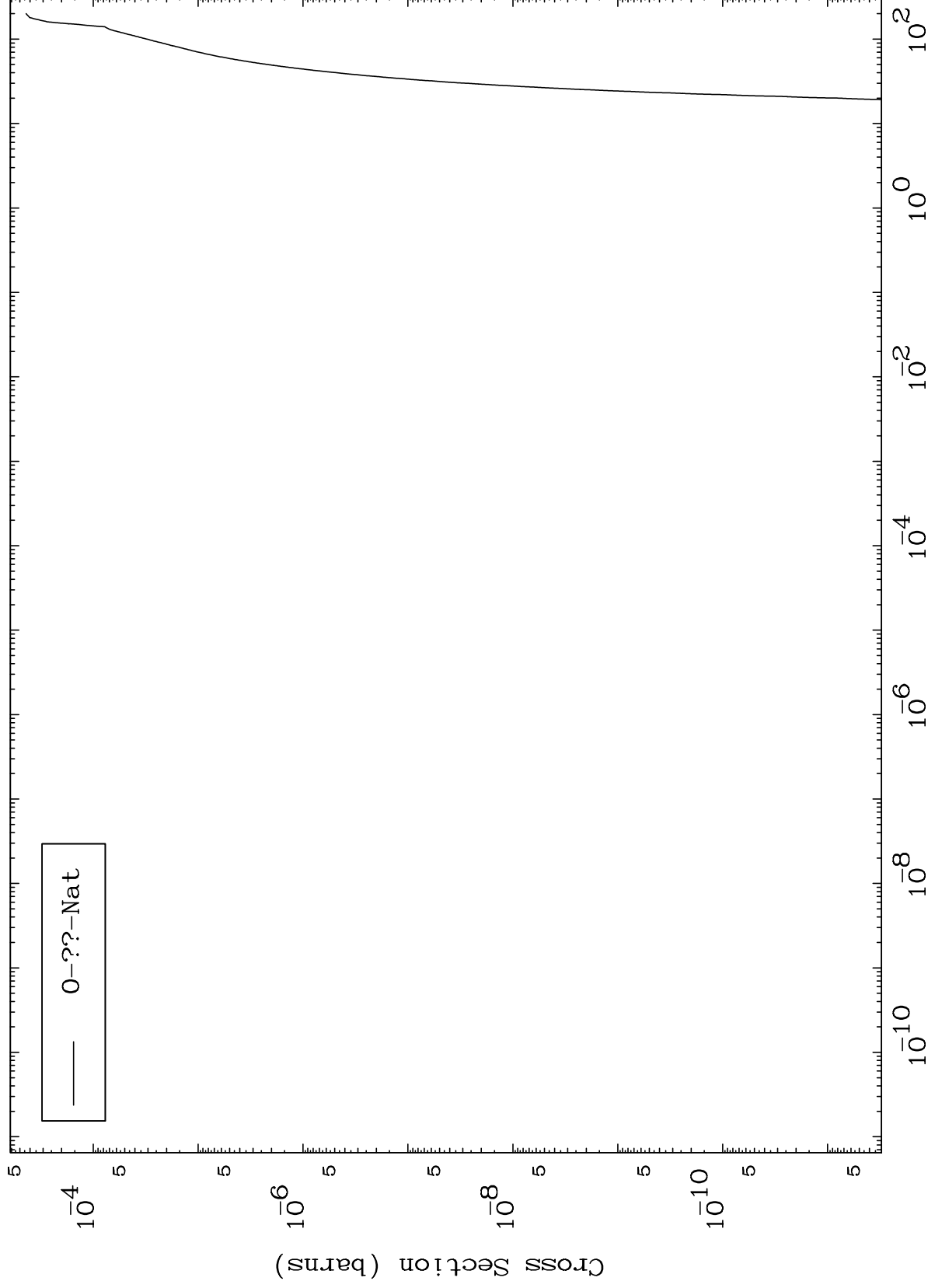
79-Au-195

MAT 7920

Fission

⁷⁹Au-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

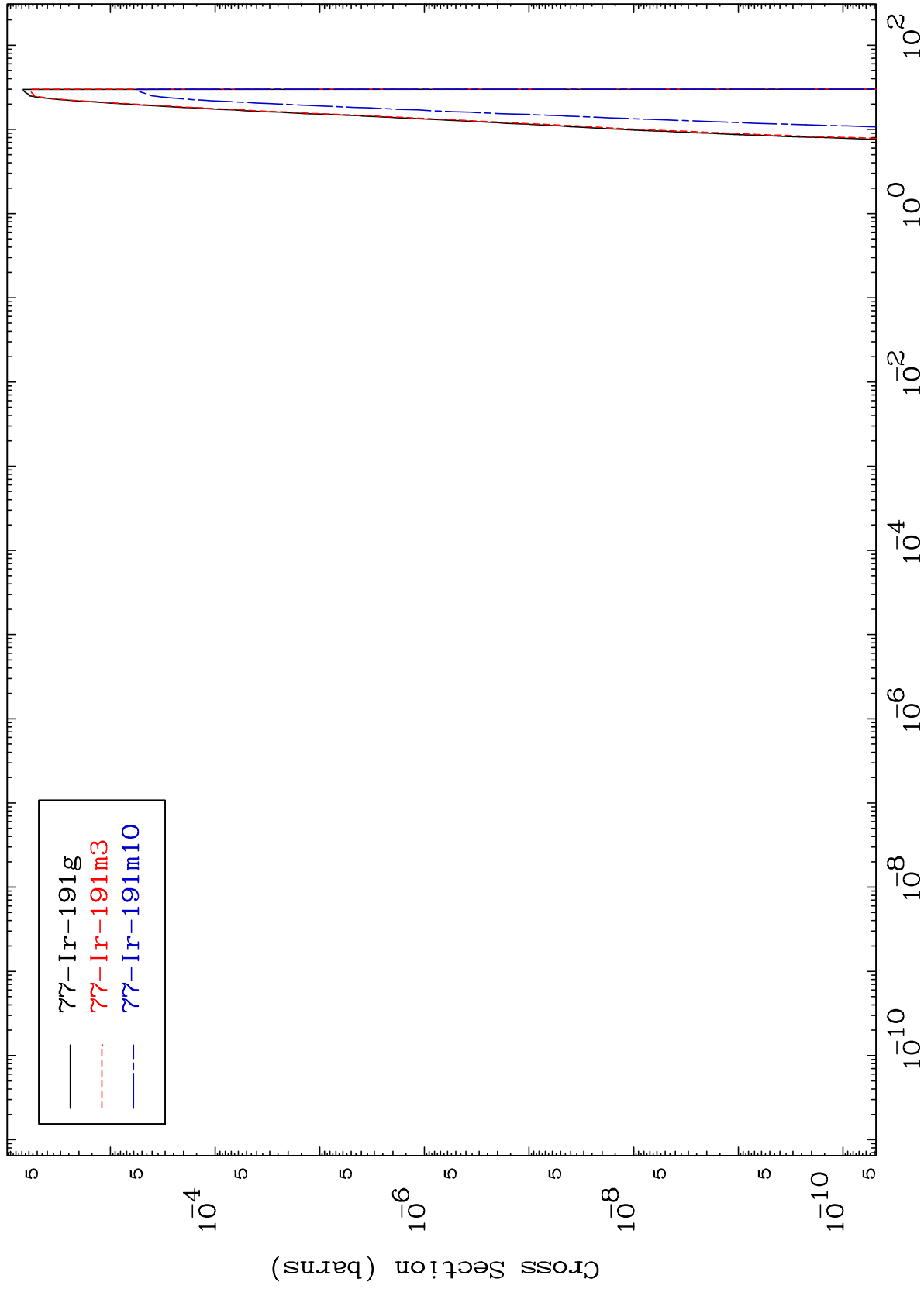
⁷⁹Au-195

MAT 7920

$(n, n') \alpha$

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

Radionuclide Production Cross Section



23

Incident Energy (MeV)

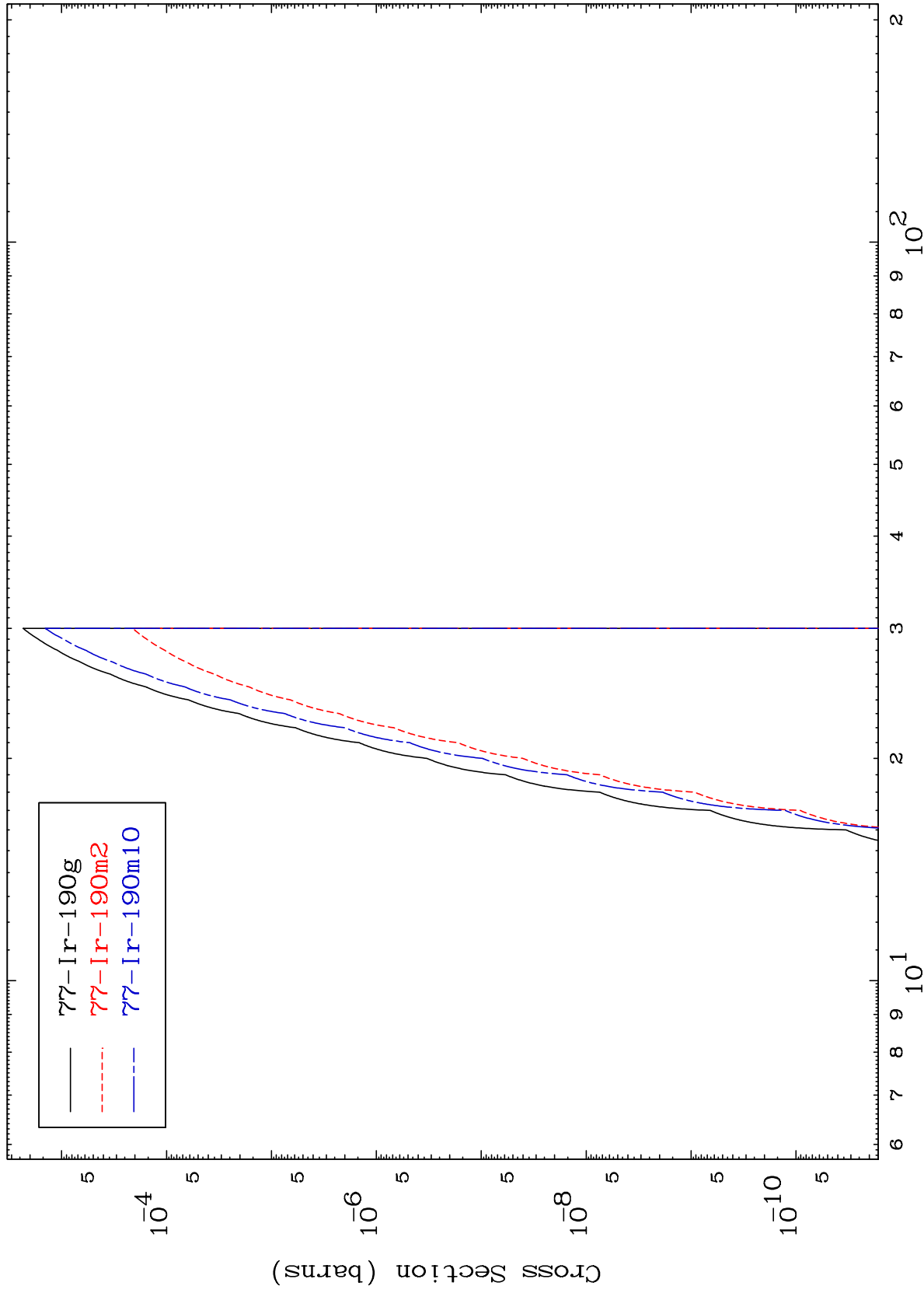
$^{79}\text{Au-195}$

MAT 7920

(n,2n) α

79-Au-195

Radionuclide Production Cross Section

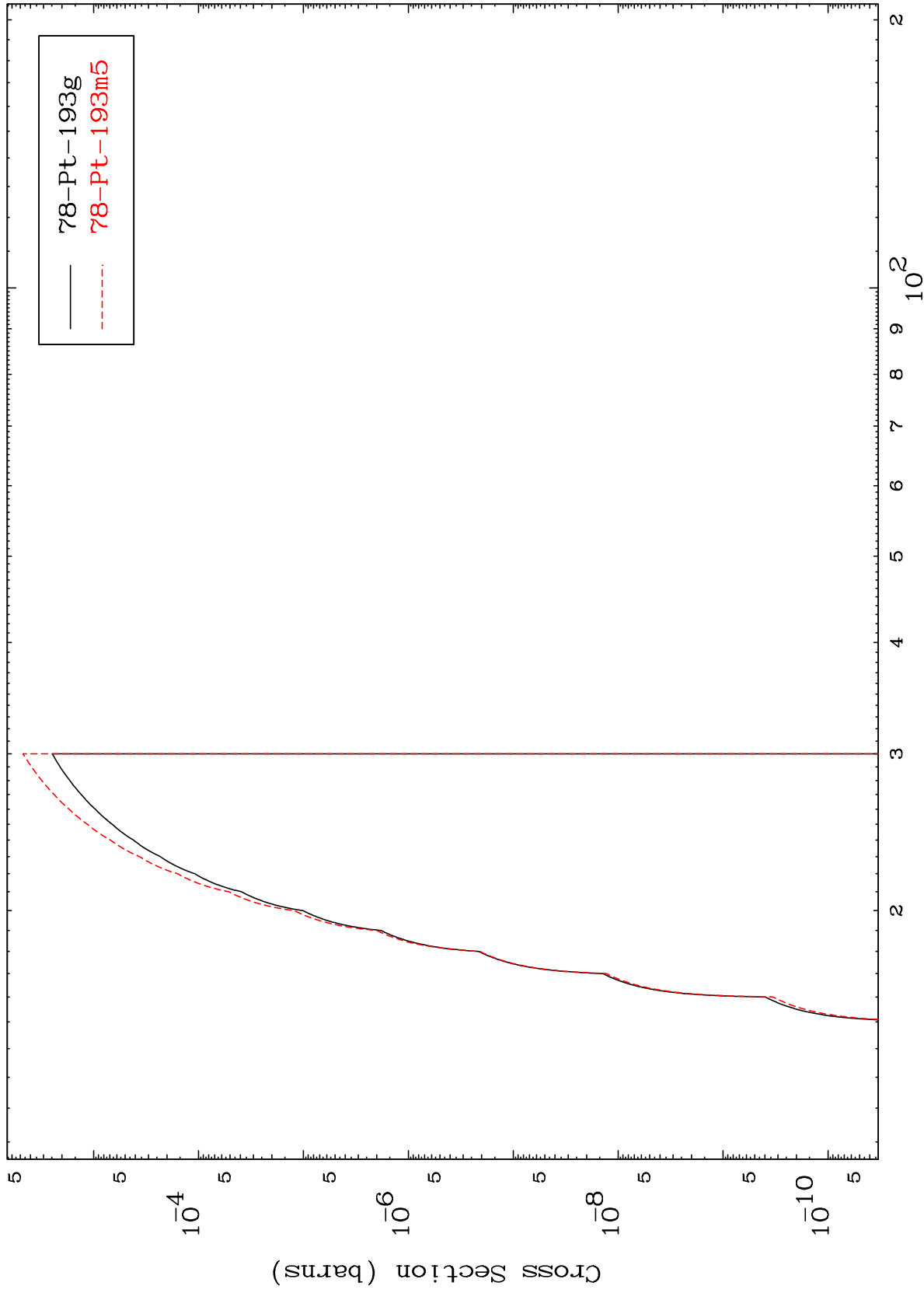


24

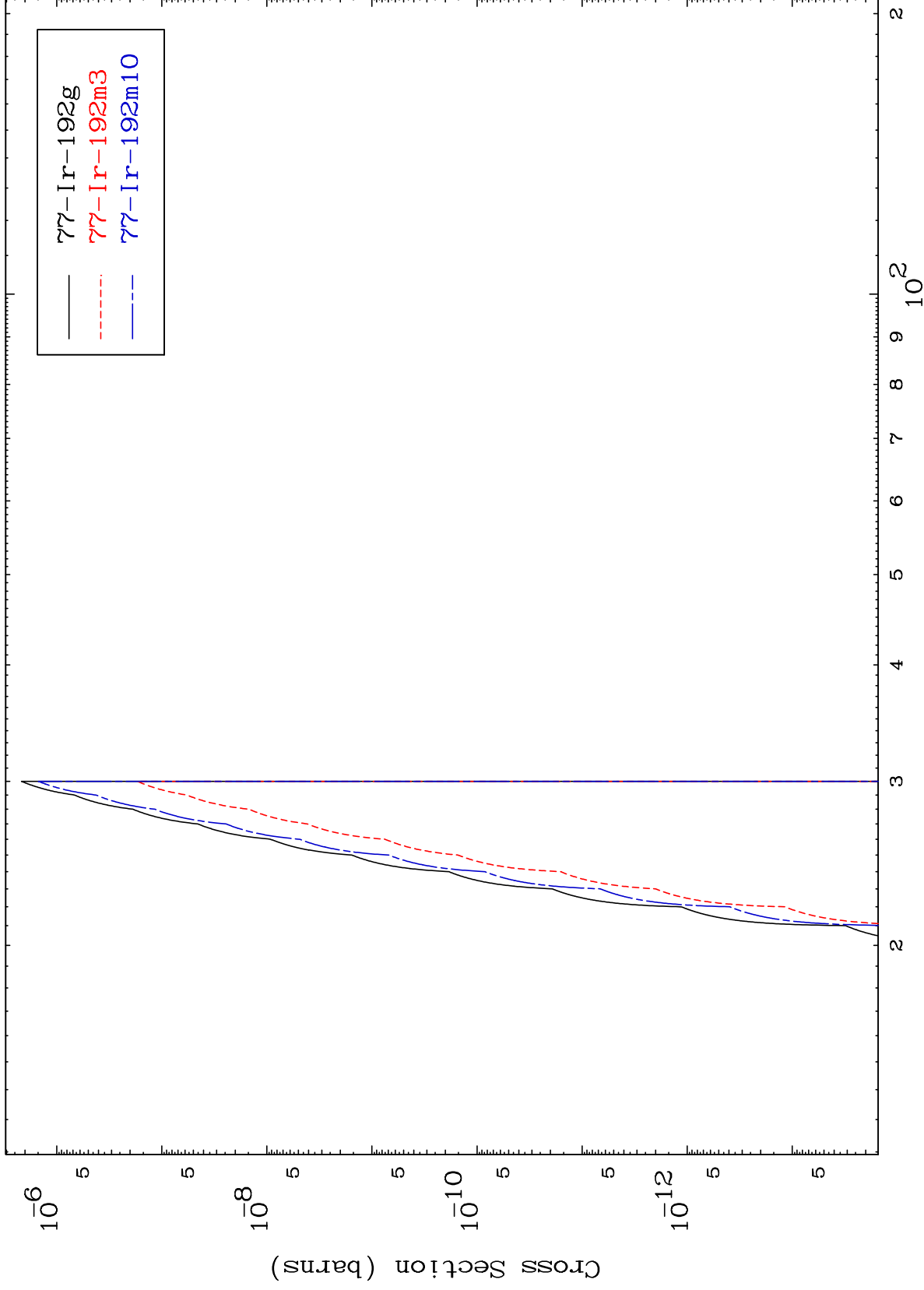
Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section



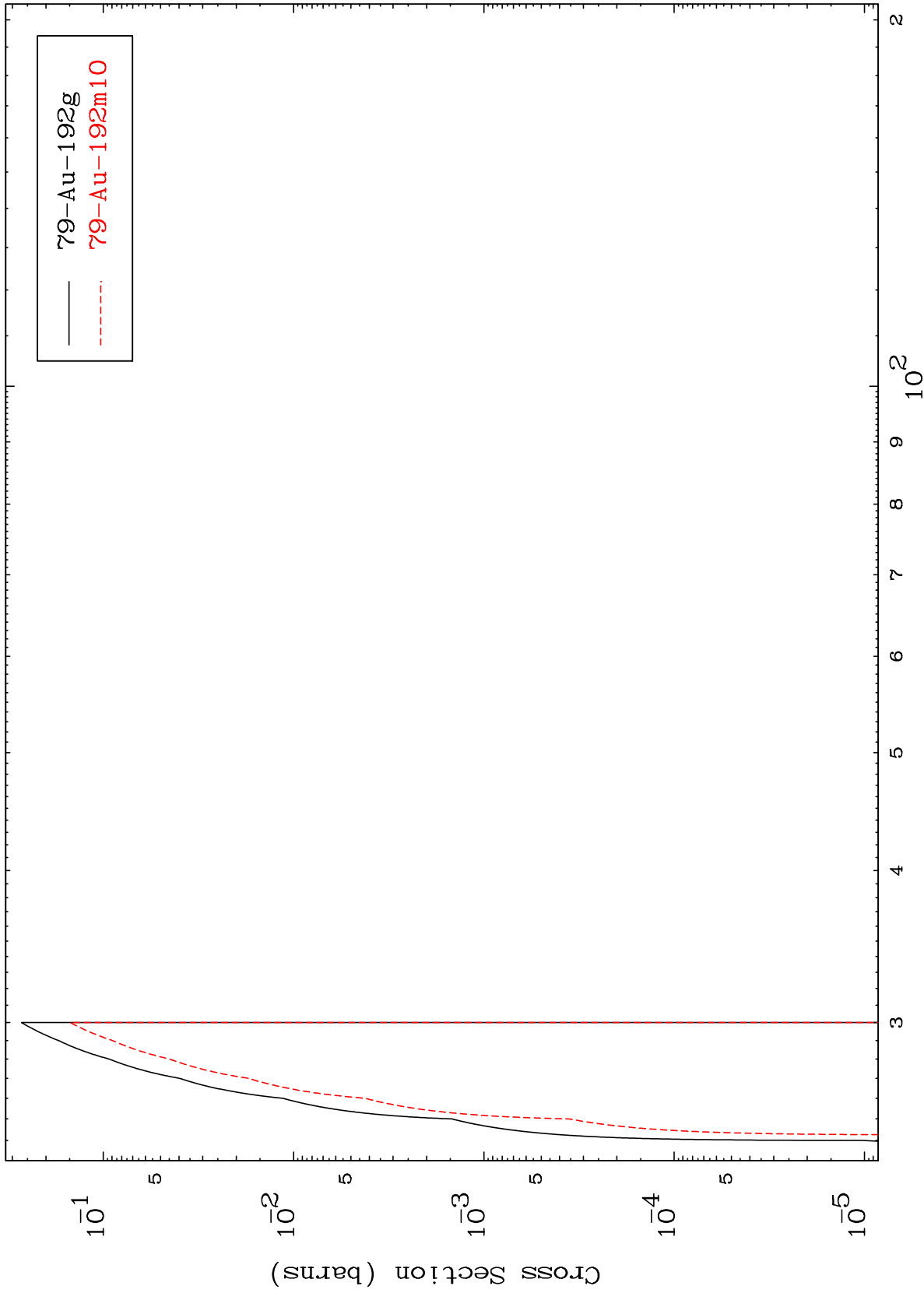
Radionuclide Production Cross Section



MAT 7920

79-Au-195

(n,4n)
Radionuclide Production Cross Section



27

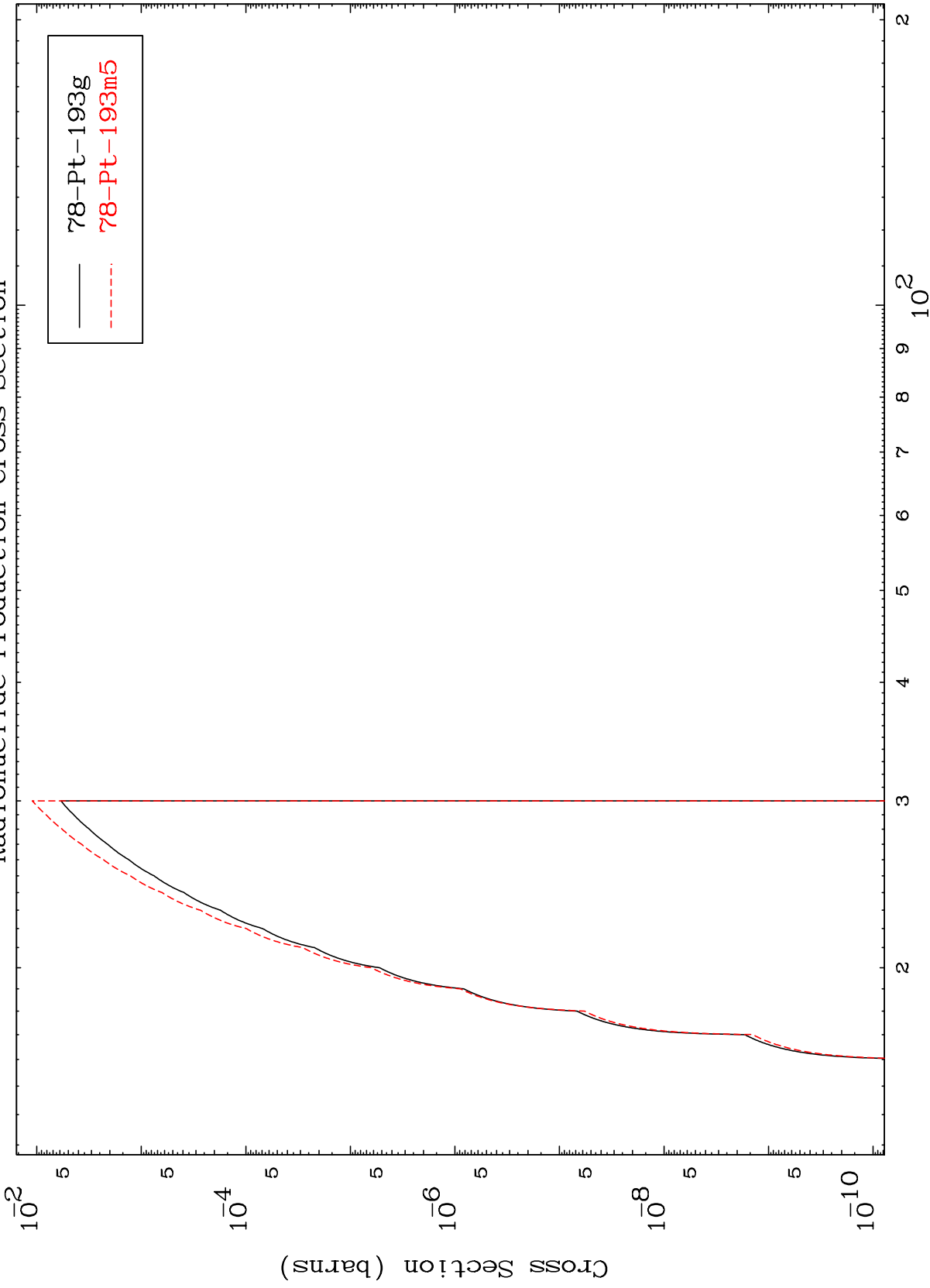
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

(n,2n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

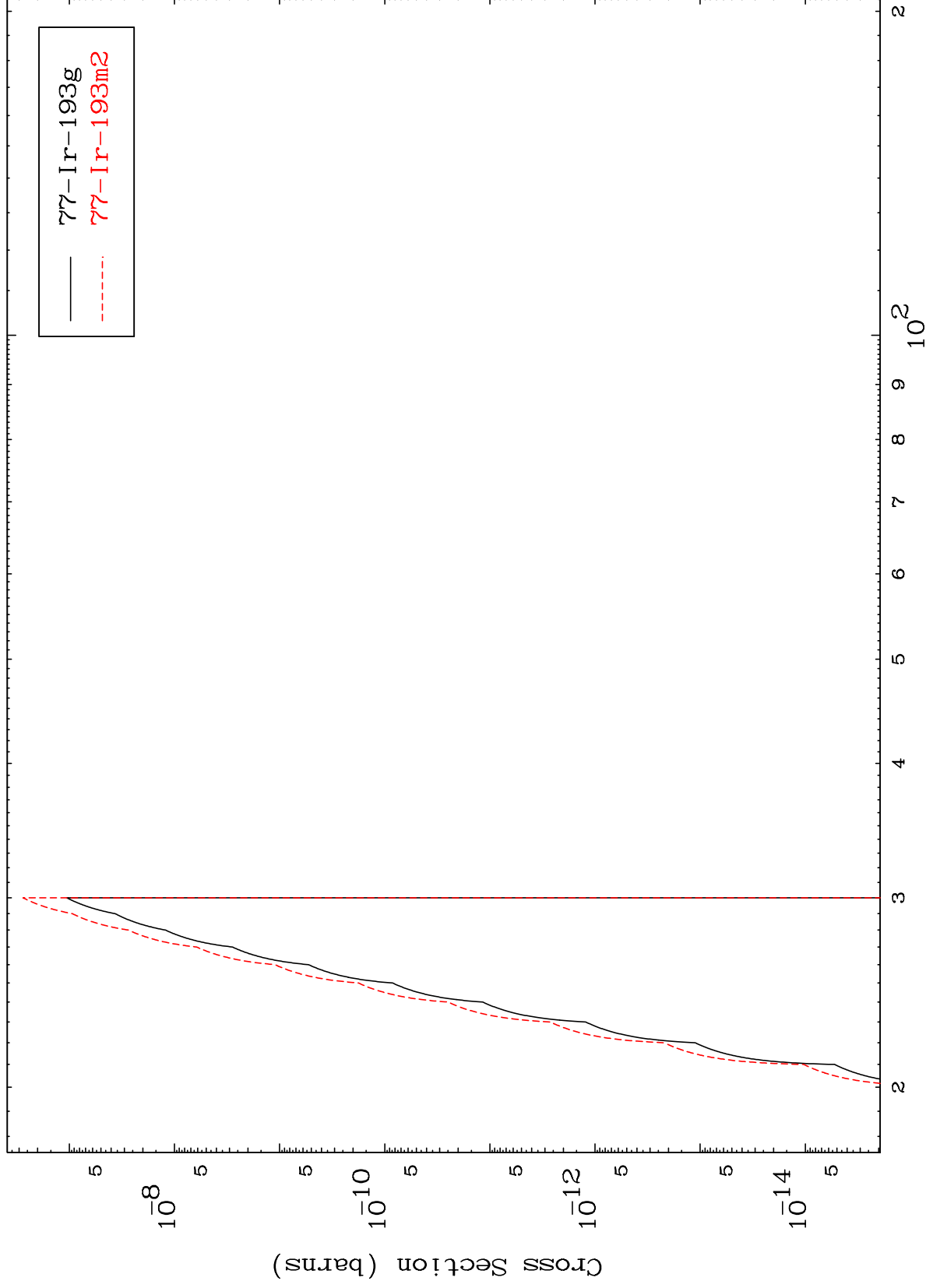
79-Au-195

MAT 7920

(n,2n) p

79-Au-195

Radionuclide Production Cross Section



29

Incident Energy (MeV)

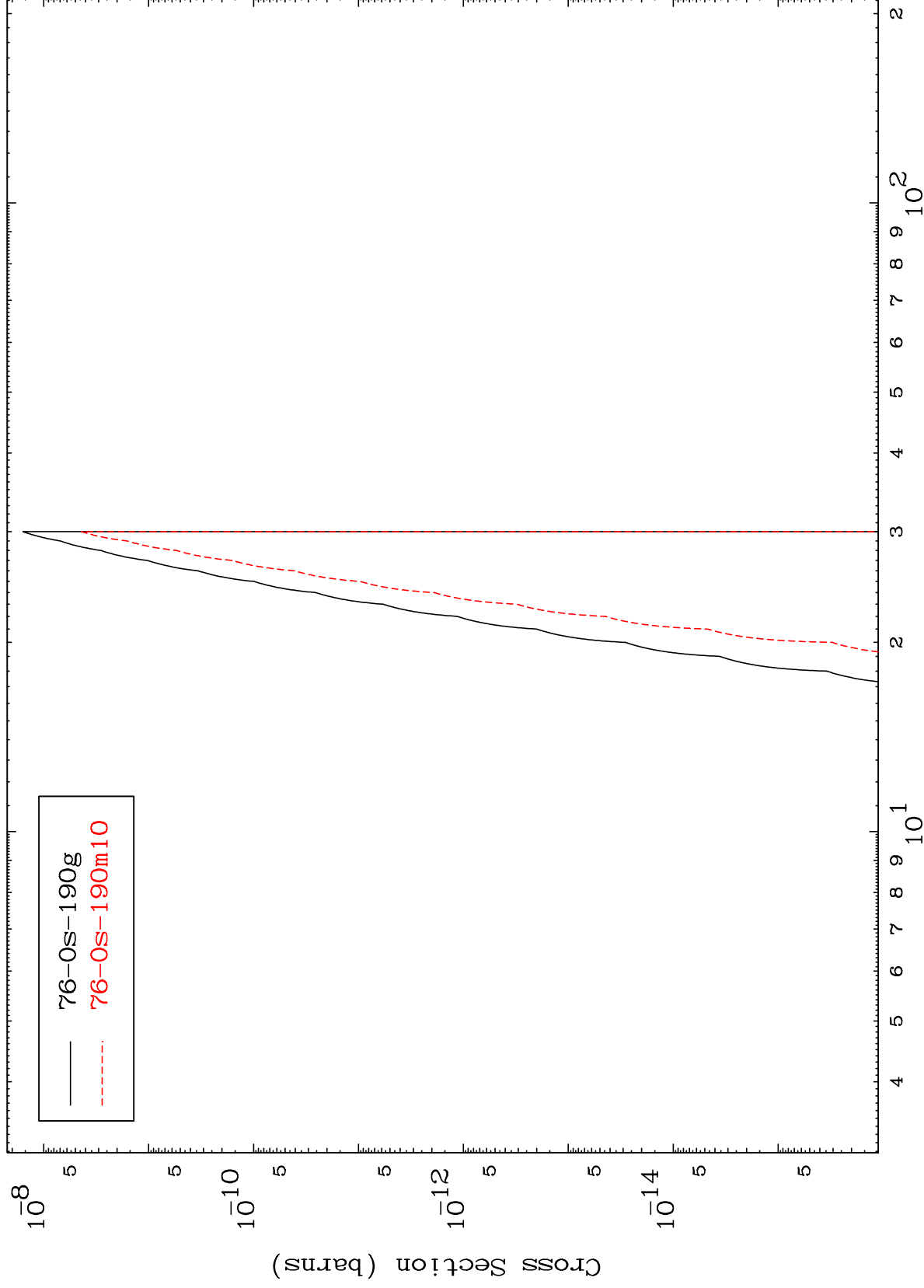
79-Au-195

MAT 7920

(n,n') p α

79-Au-195

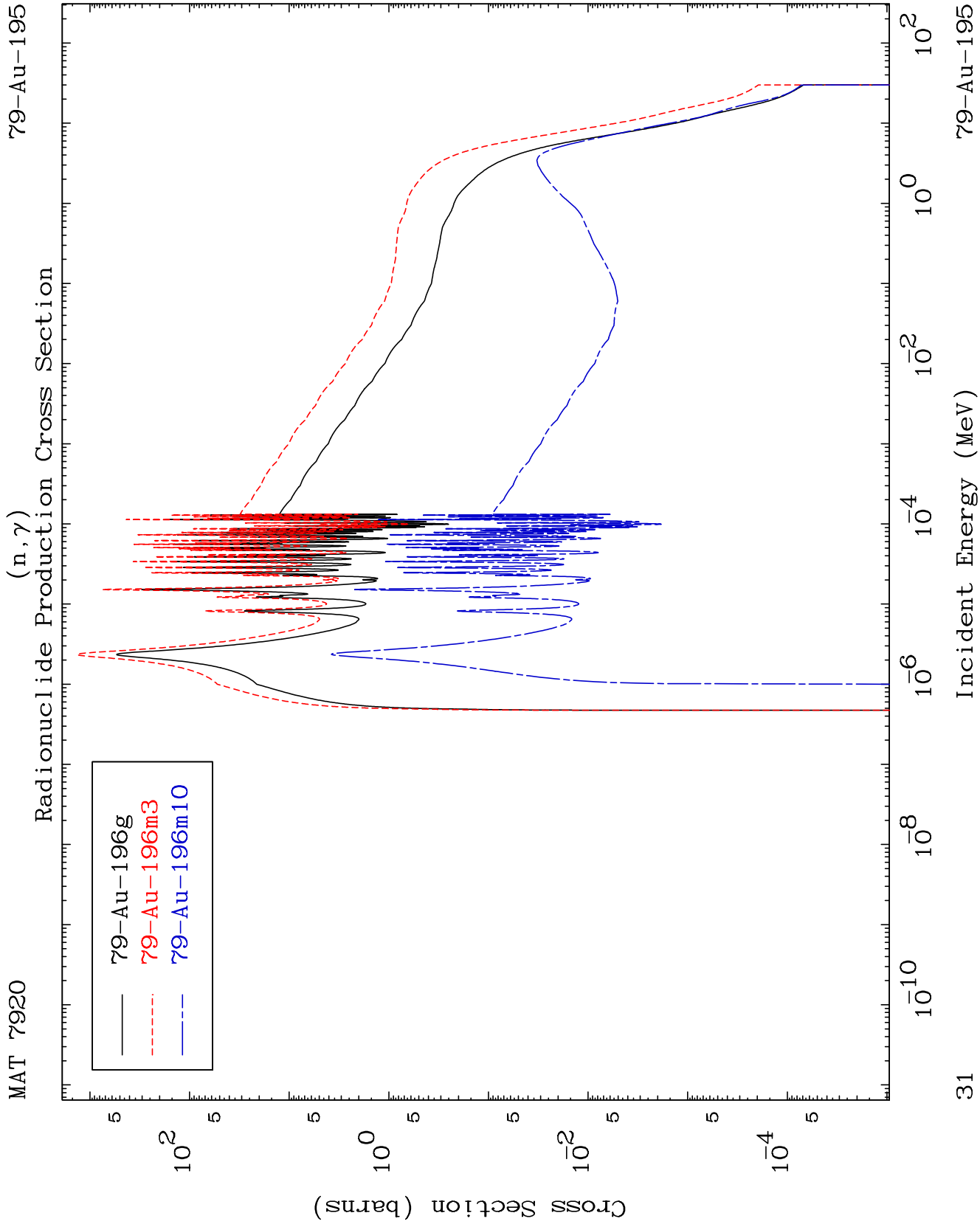
Radionuclide Production Cross Section



30

Incident Energy (MeV)

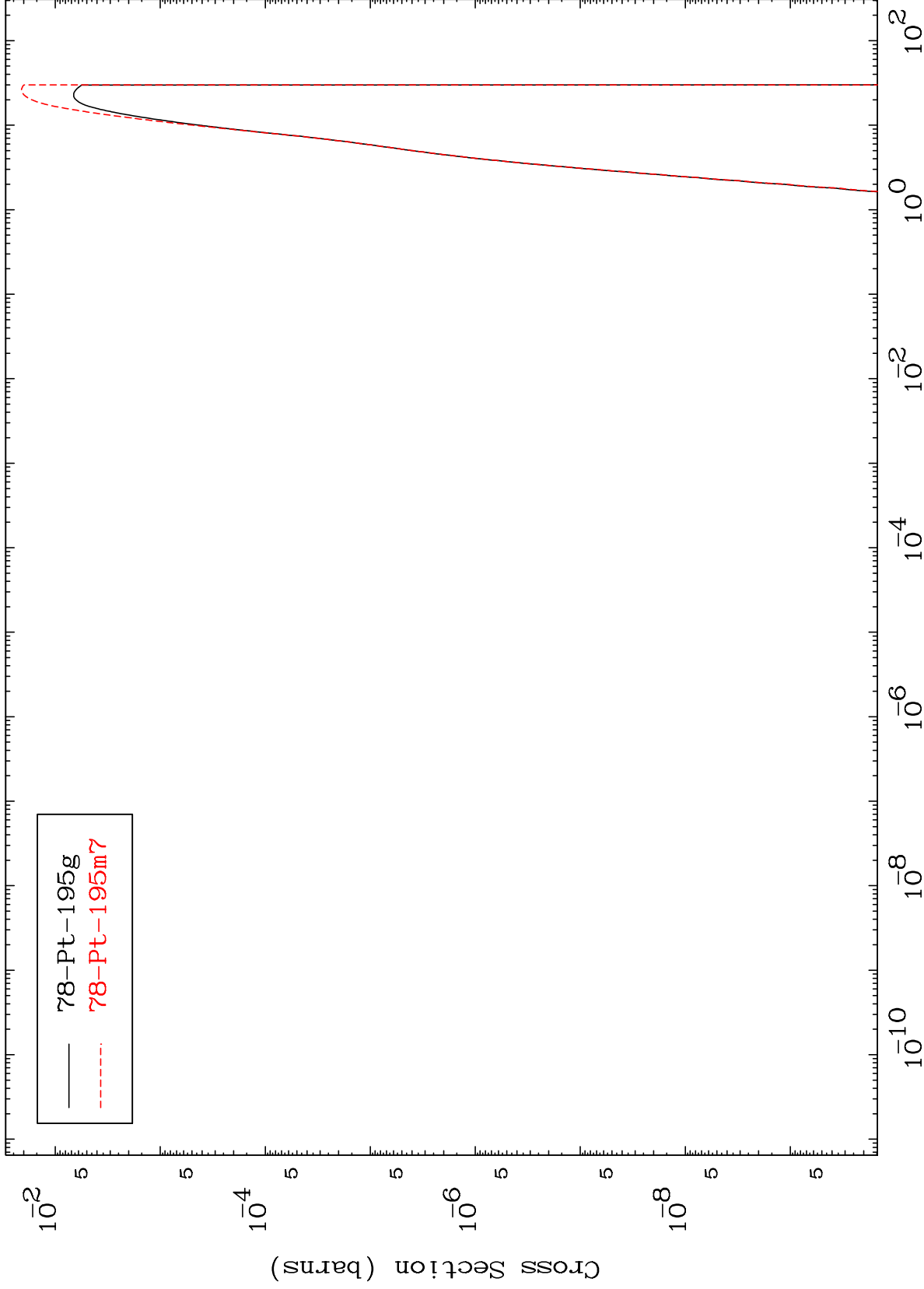
79-Au-195



MAT 7920

(n,p)
Radionuclide Production Cross Section

79-Au-195



32

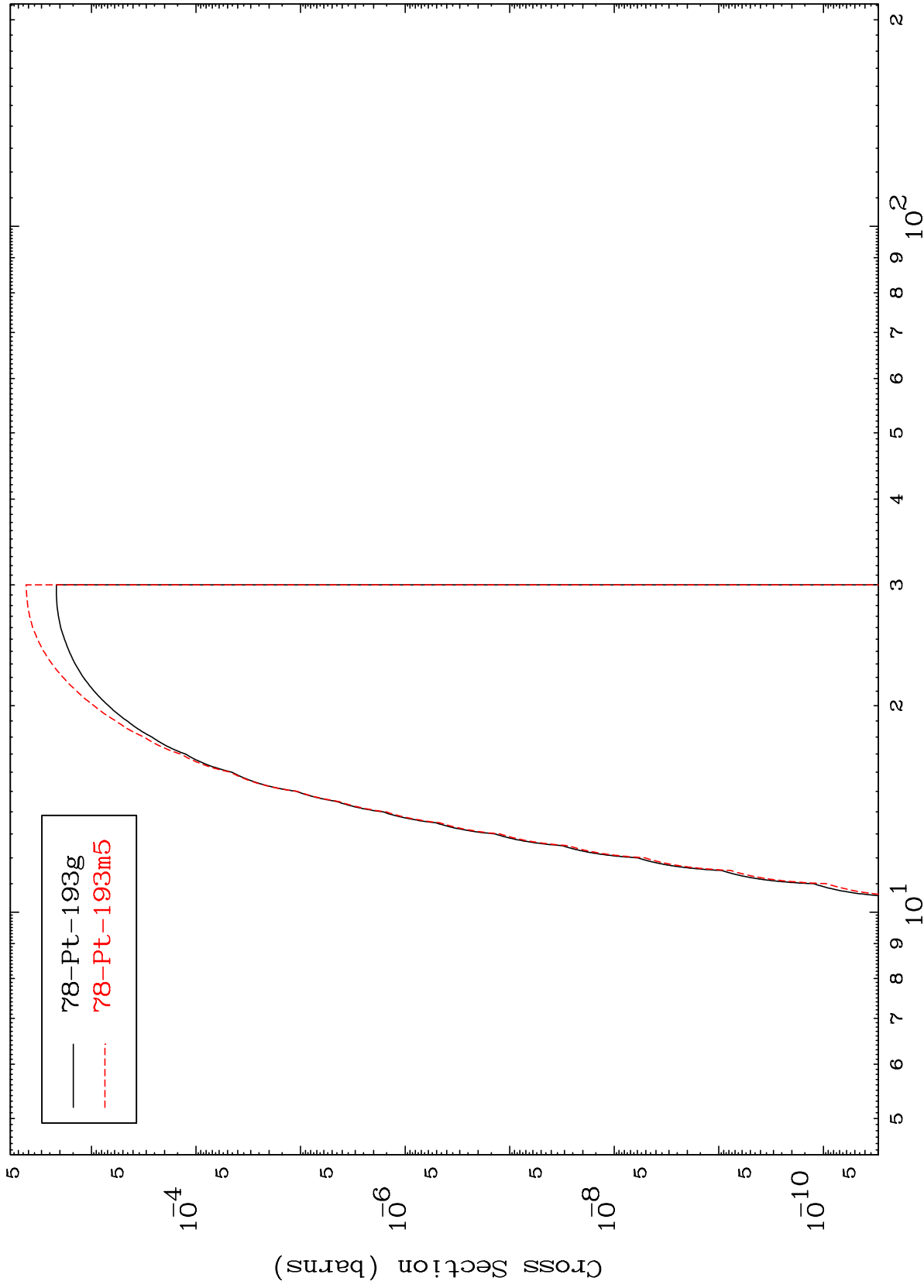
Incident Energy (MeV)

79-Au-195

MAT 7920

79-Au-195

Radionuclide Production Cross Section



33

Incident Energy (MeV)

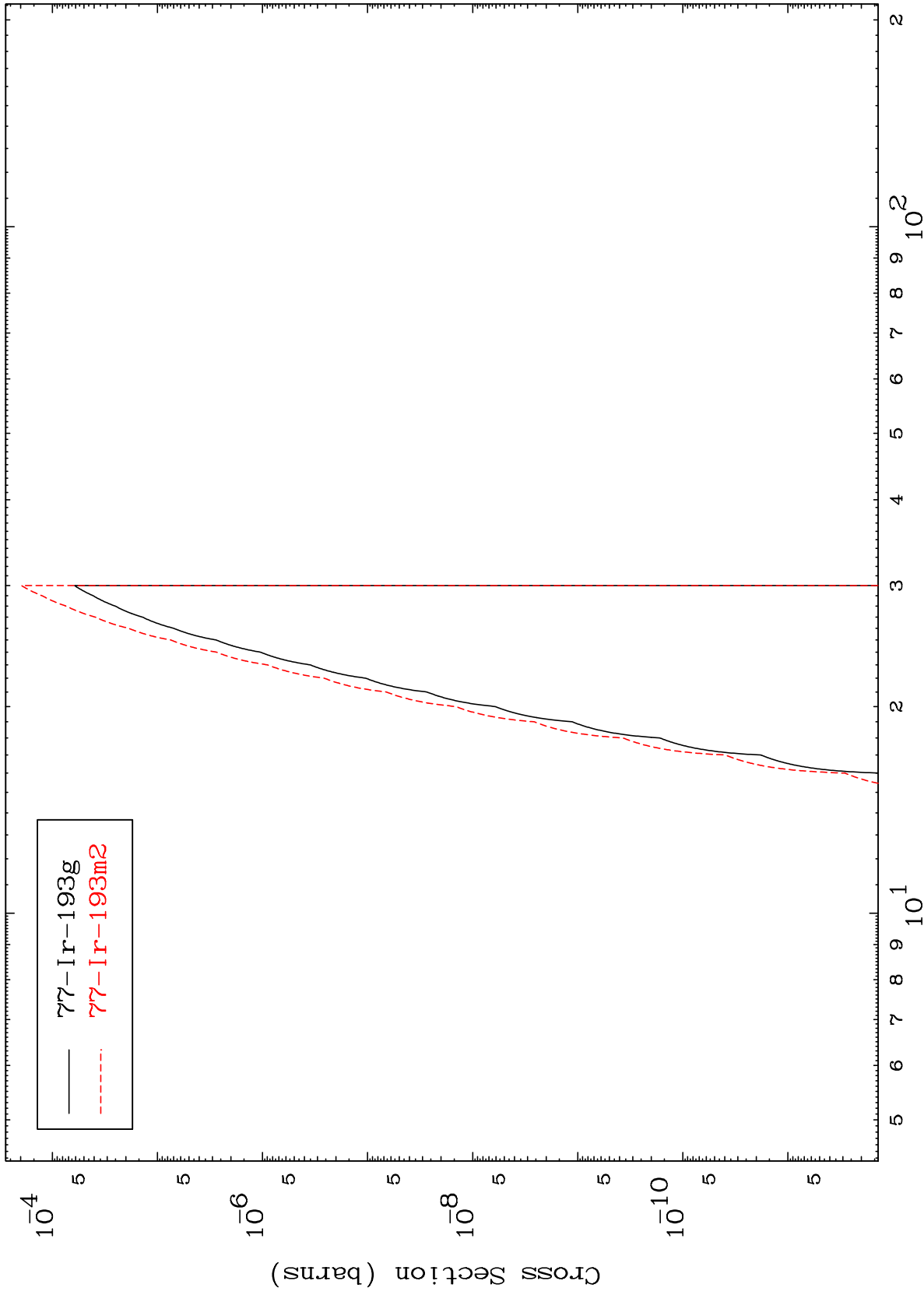
79-Au-195

MAT 7920

(n,He-3)

79-Au-195

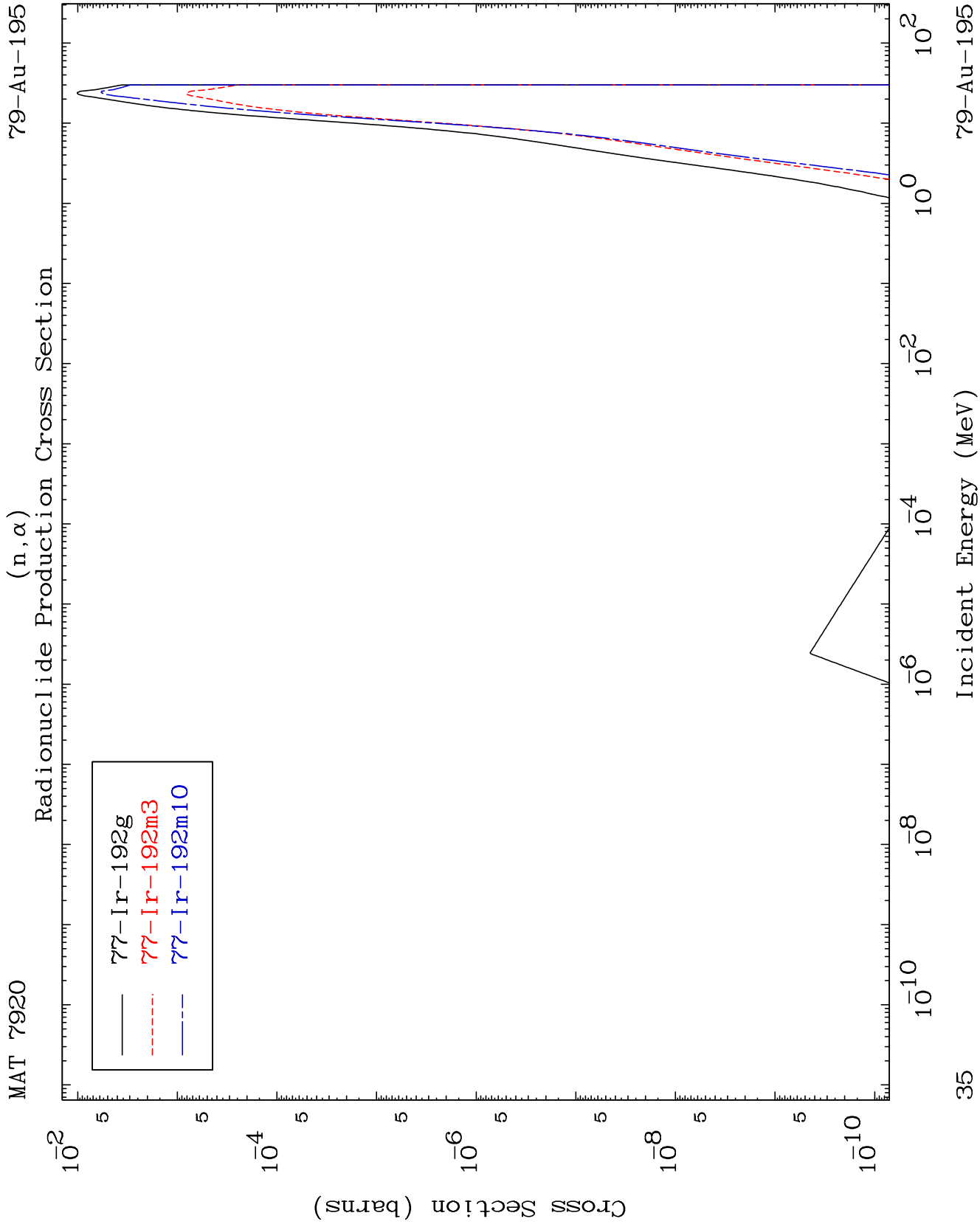
Radionuclide Production Cross Section



34

Incident Energy (MeV)

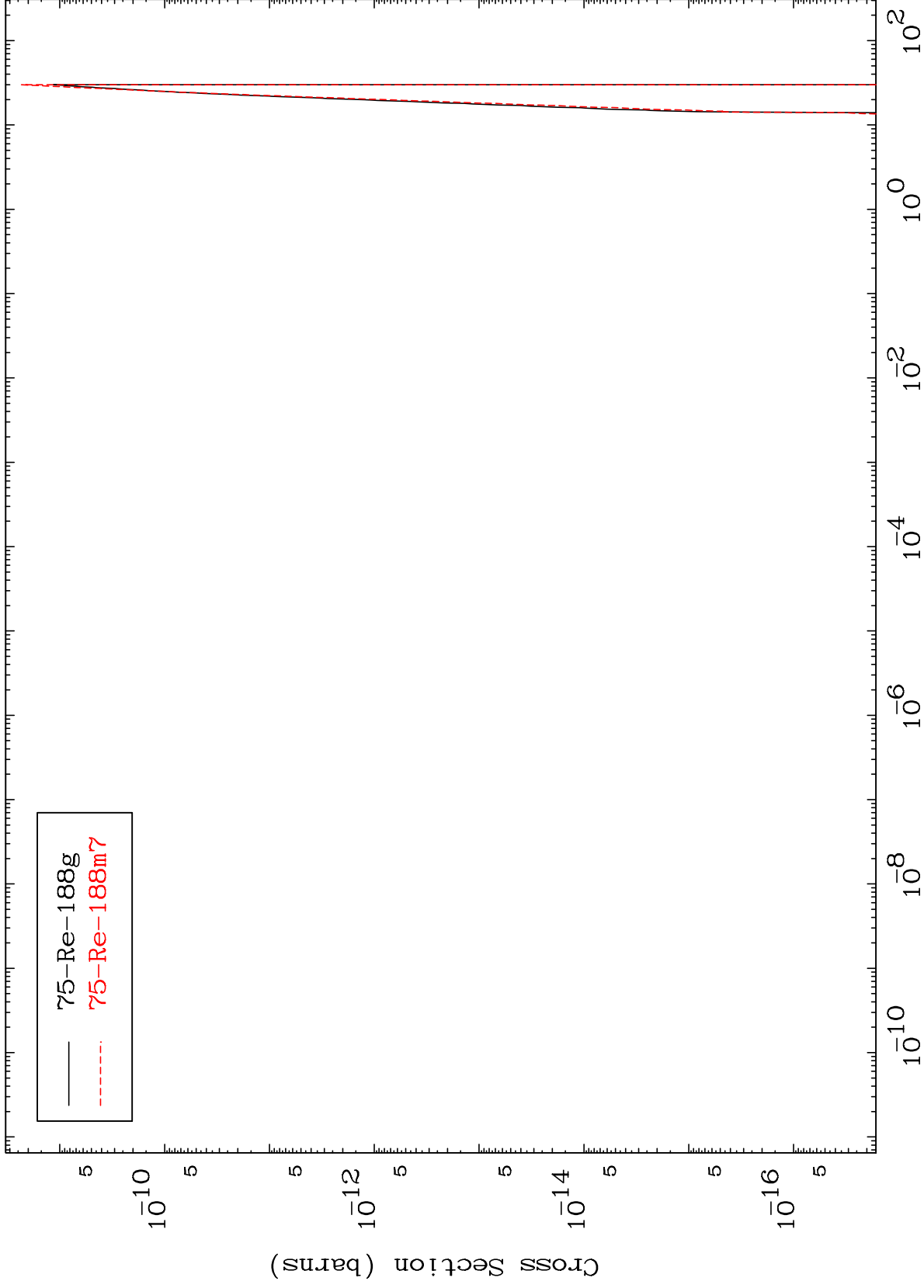
79-Au-195



MAT 7920

Radionuclide Production Cross Section
(n,2α)

⁷⁹Au-195



36

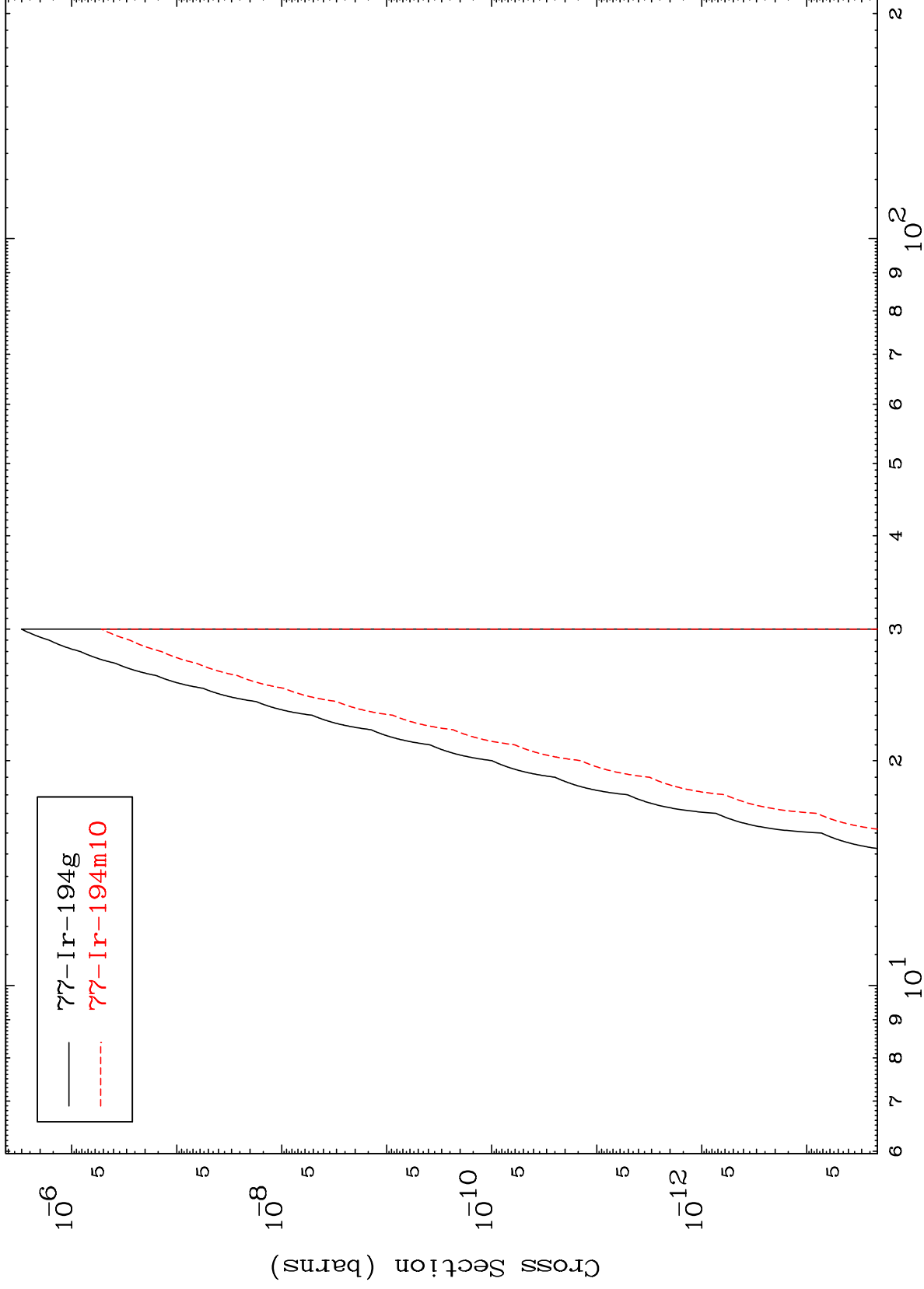
Incident Energy (MeV)

⁷⁹Au-195

MAT 7920

79-Au-195

Radionuclide Production Cross Section
(n,2p)



37

Incident Energy (MeV)

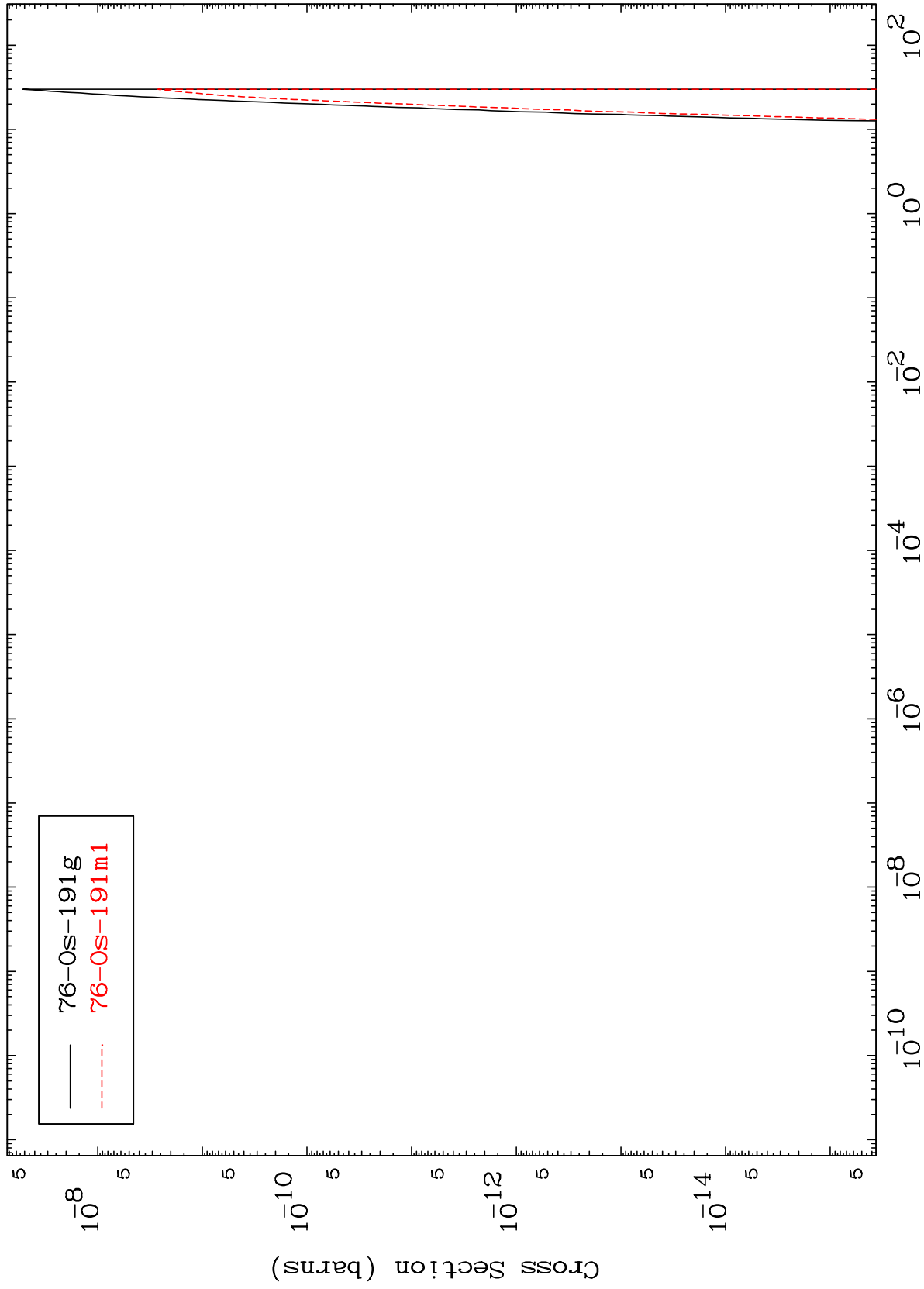
79-Au-195

MAT 7920

(n,p) α

⁷⁹Au-195

Radionuclide Production Cross Section



38

Incident Energy (MeV)

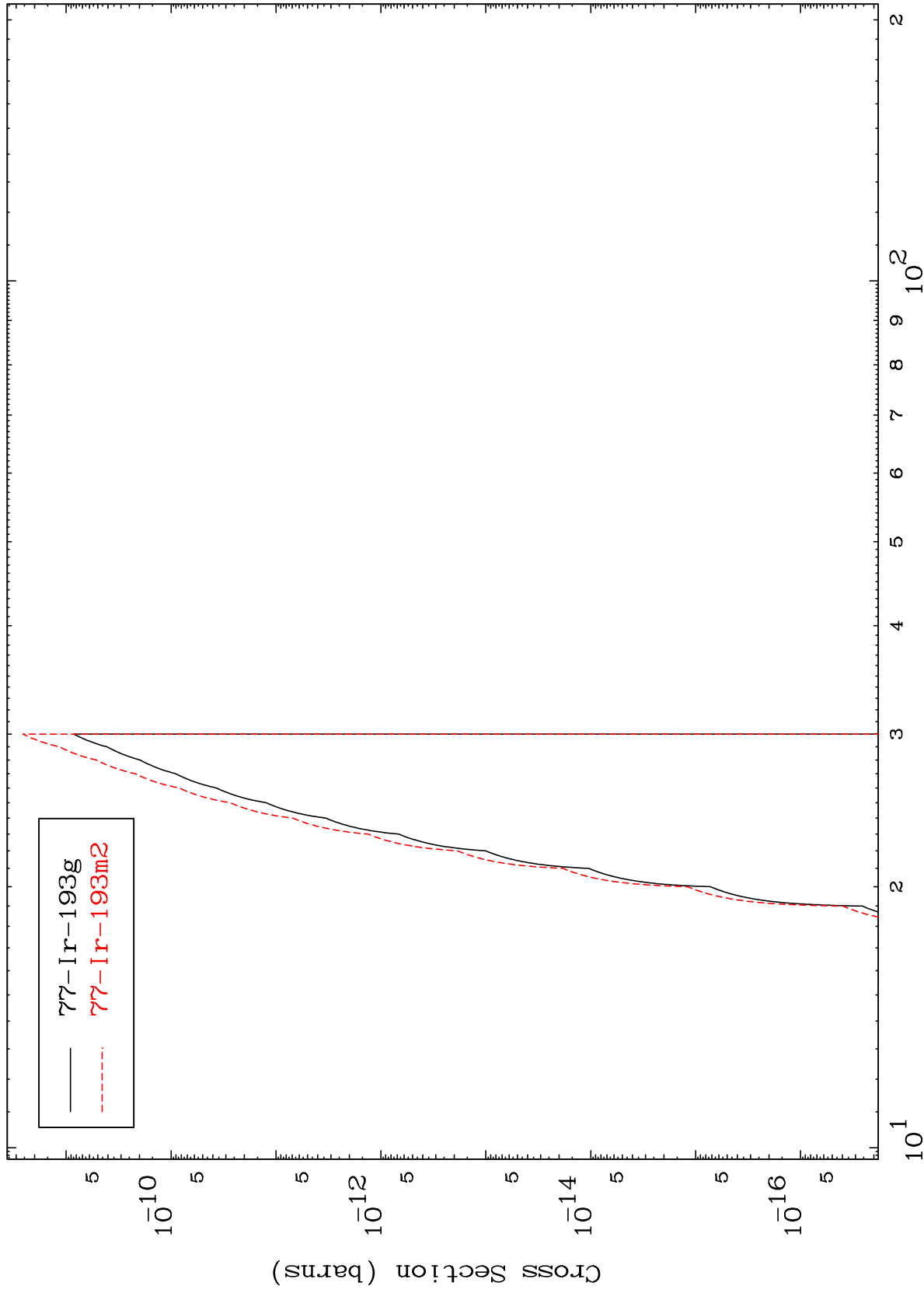
⁷⁹Au-195

MAT 7920

(n,p) d

⁷⁹Au-195

Radionuclide Production Cross Section



39

Incident Energy (MeV)

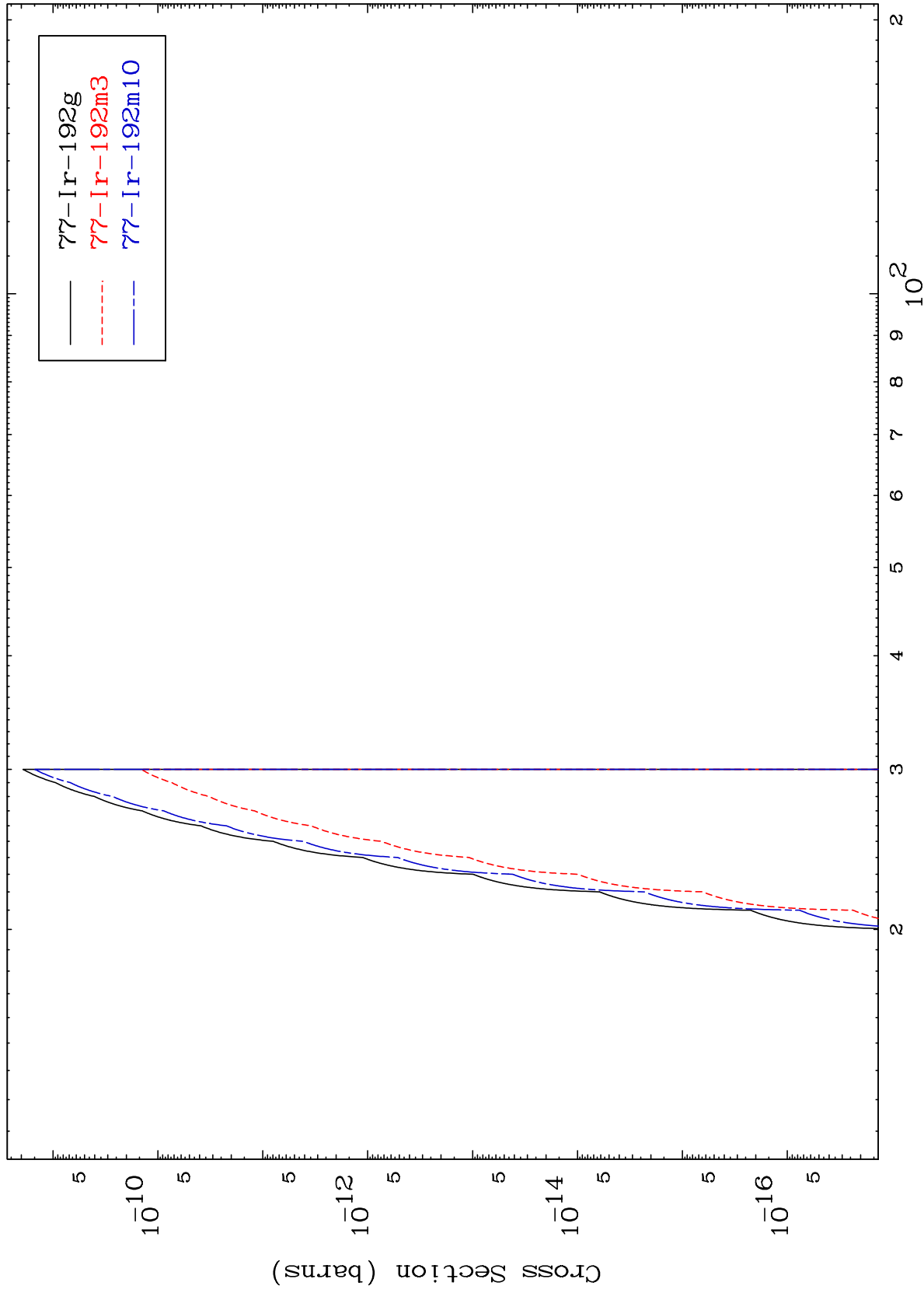
⁷⁹Au-195

MAT 7920

(n,p) t

79-Au-195

Radionuclide Production Cross Section



40

Incident Energy (MeV)

79-Au-195