

Program EVALPLOT
(Version 2018-1)

by

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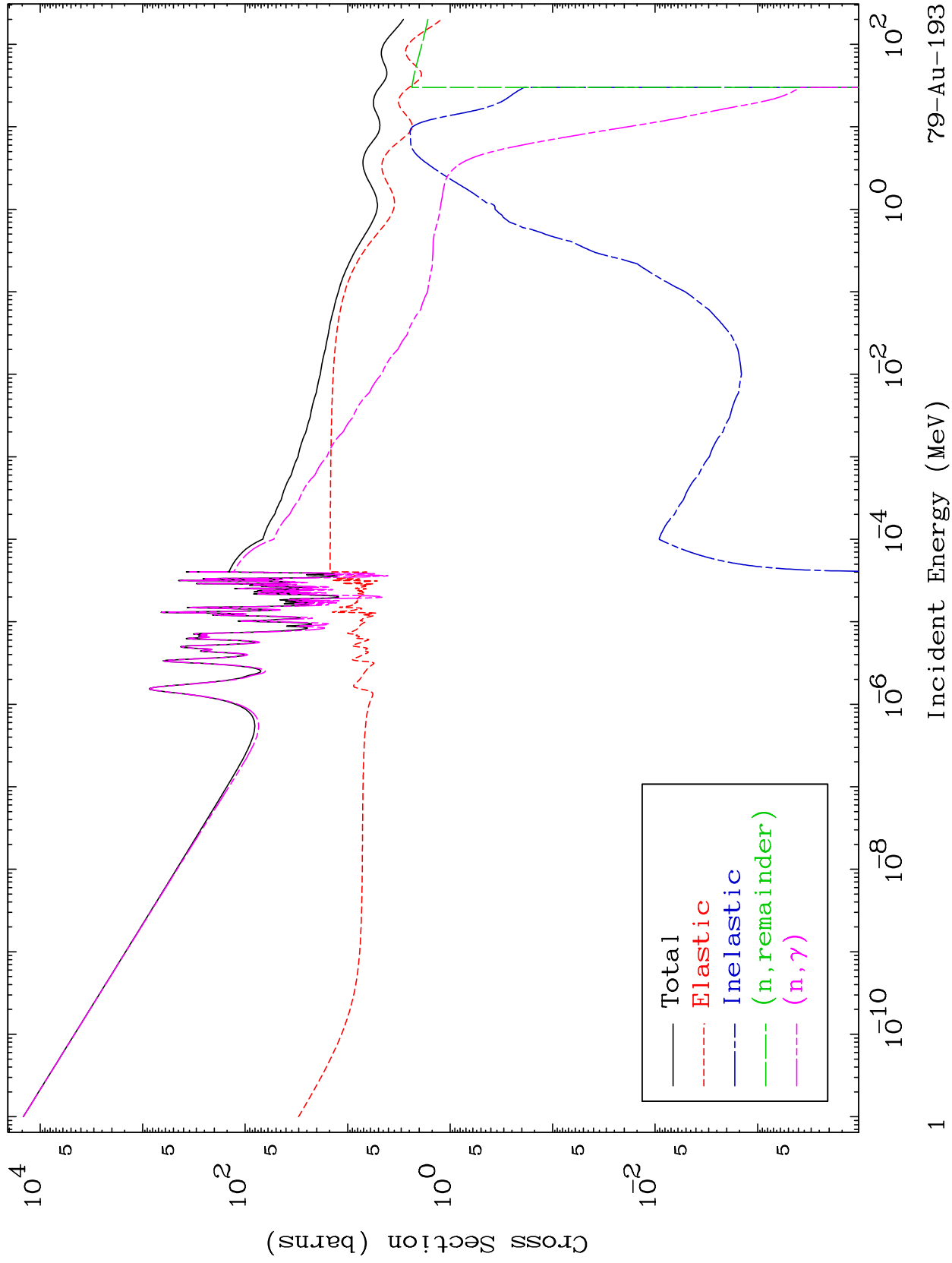
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7914

Major
293 Kelvin Cross Sections

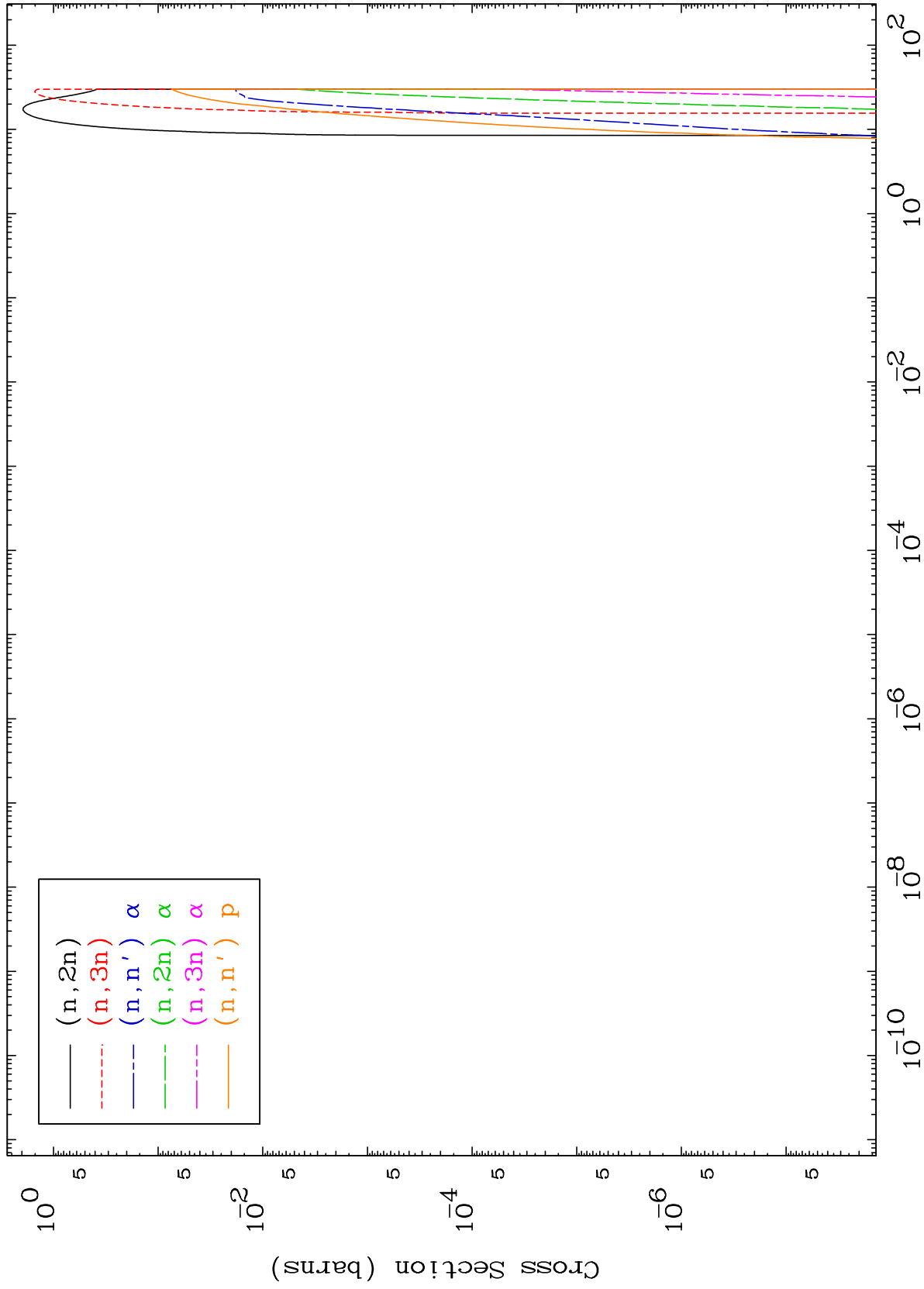
79-Au-193



MAT 7914

Neutron Production
293 Kelvin Cross Sections

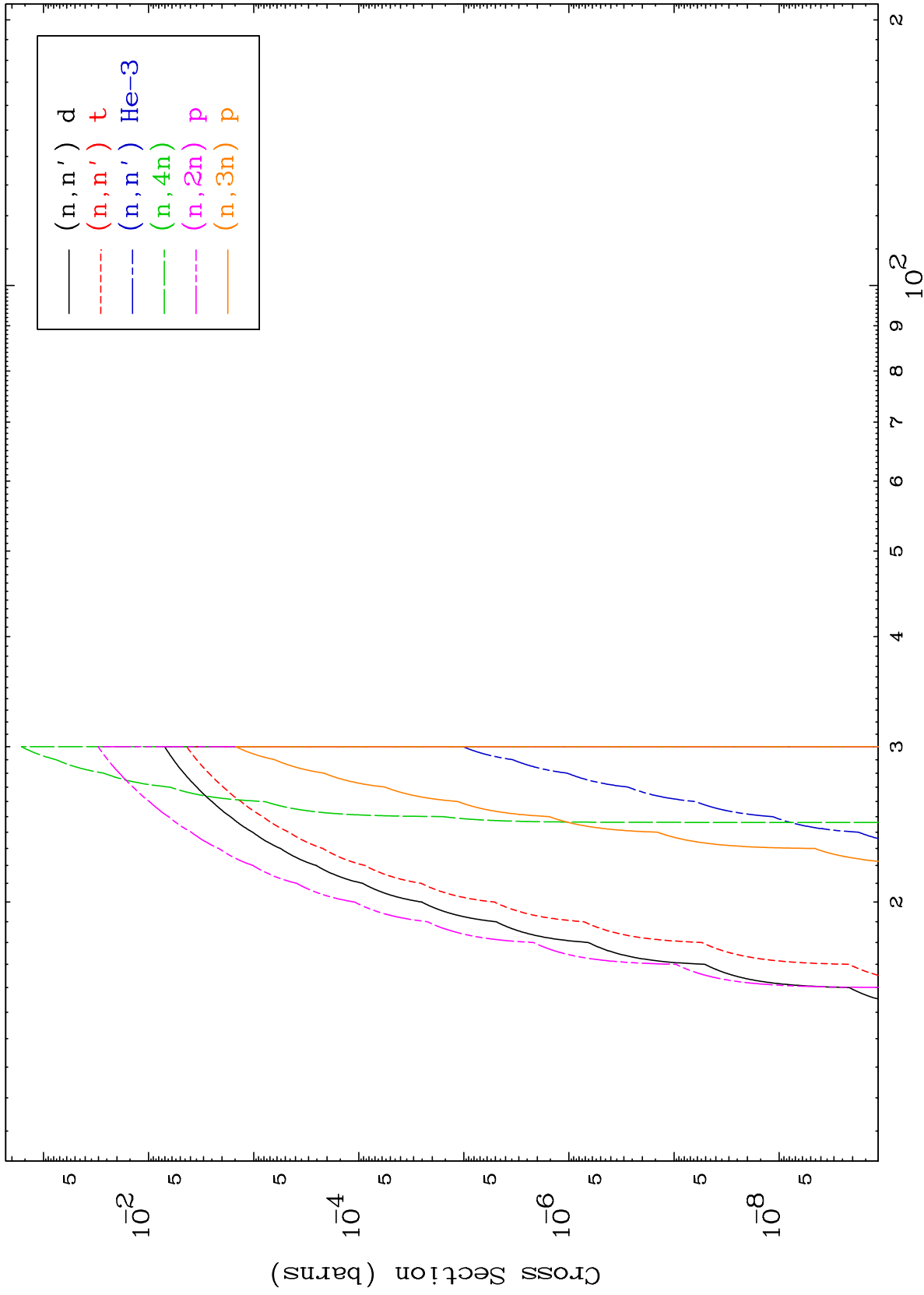
79-Au-193

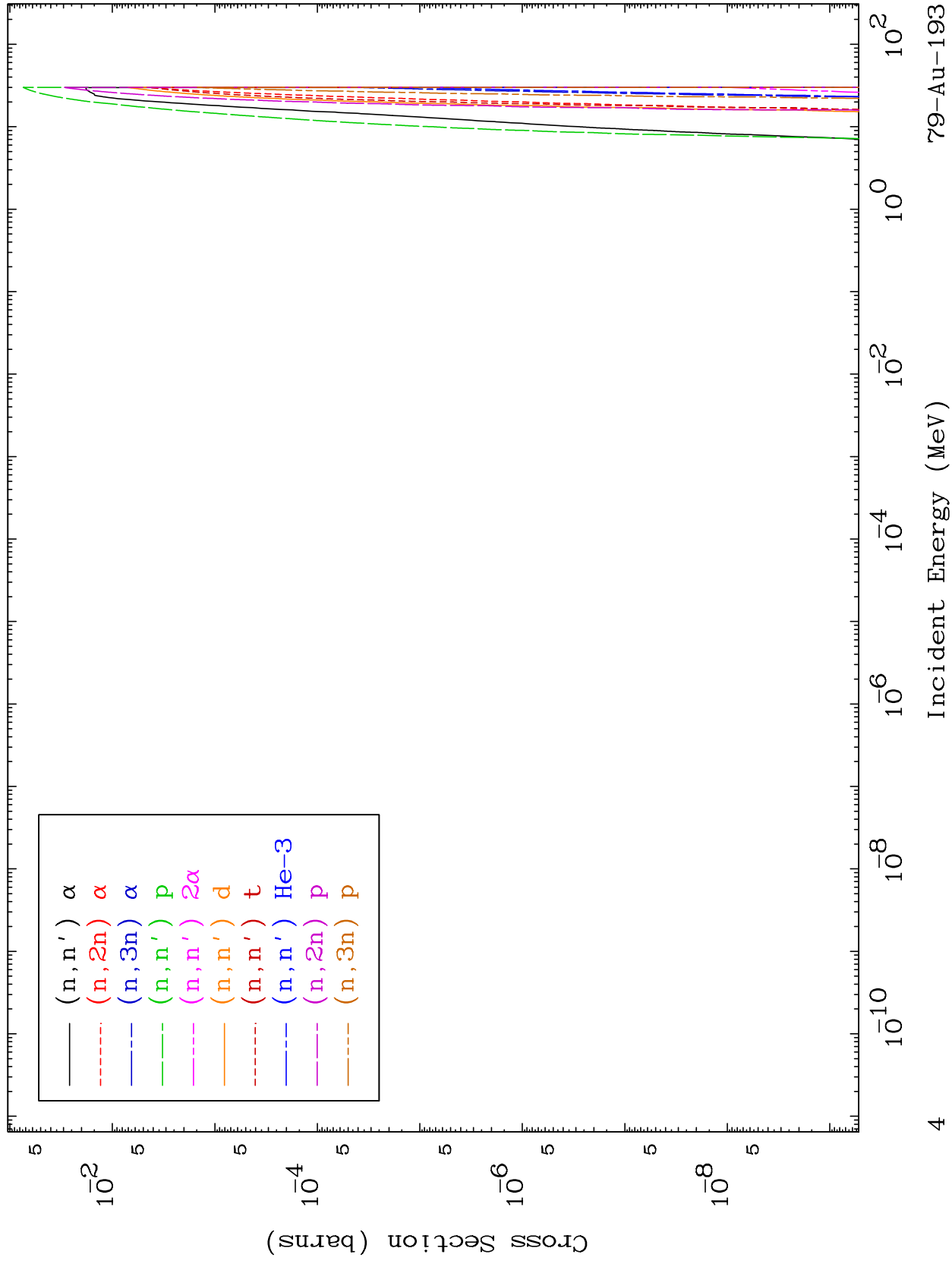


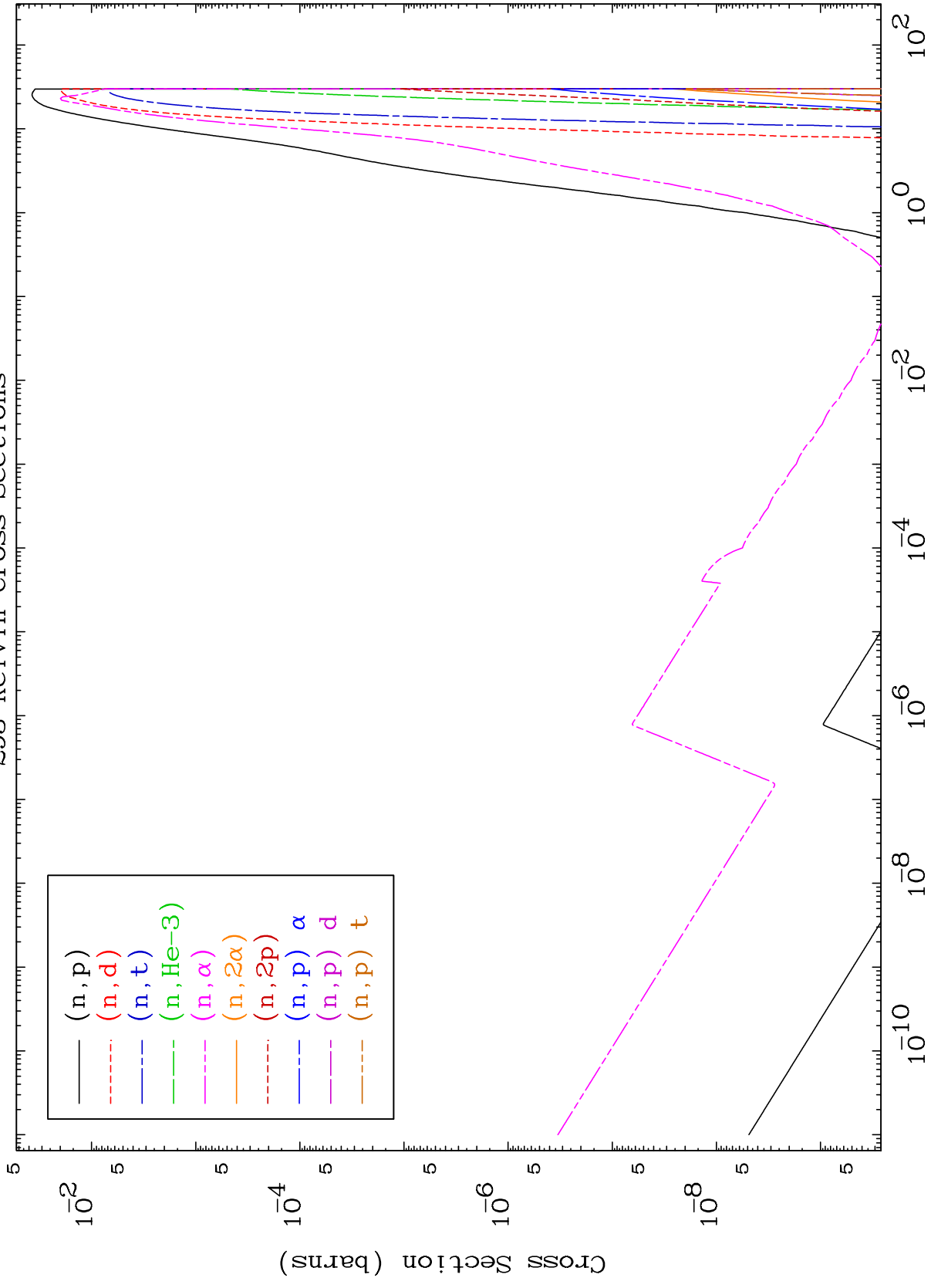
2

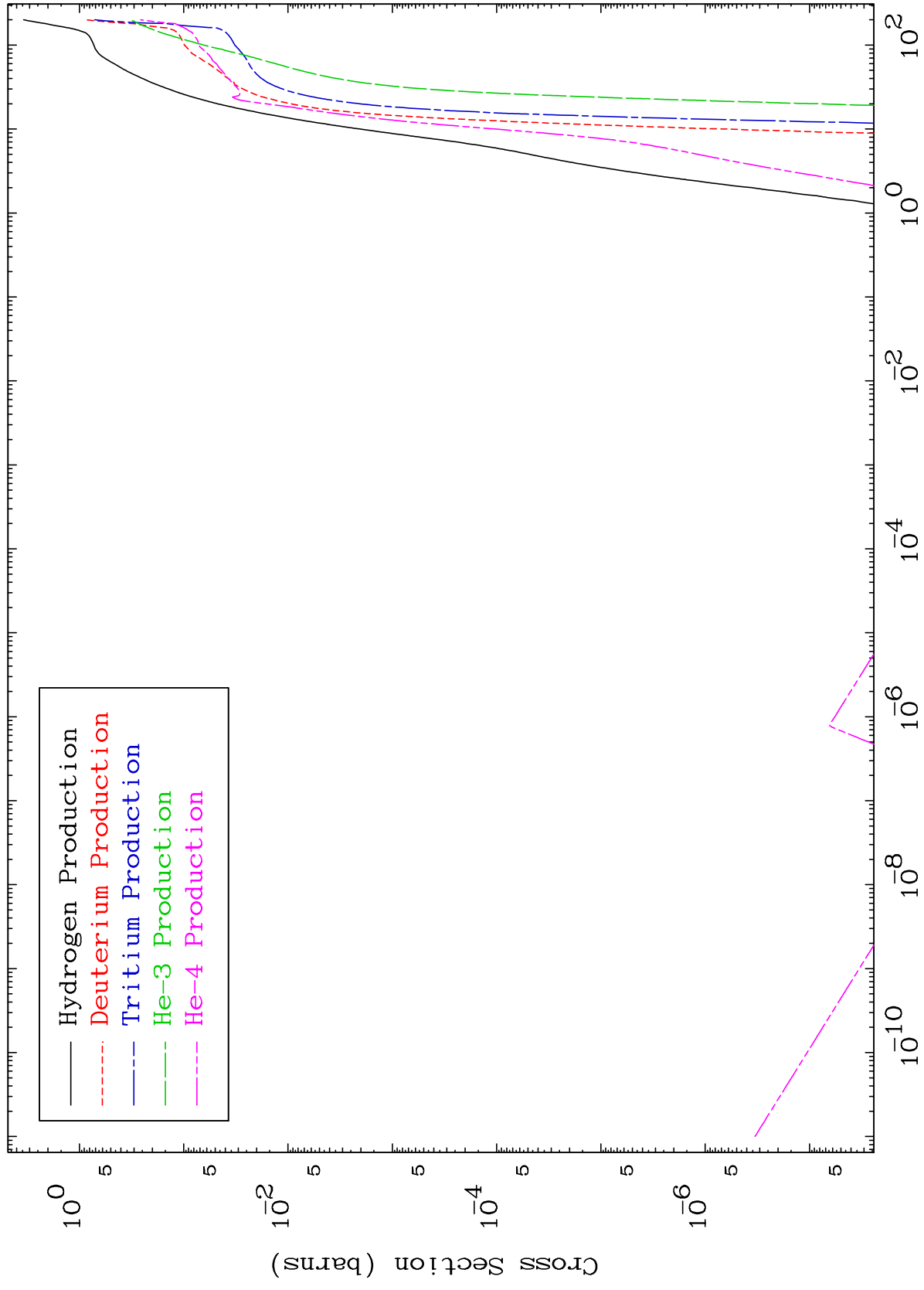
Incident Energy (MeV)

79-Au-193





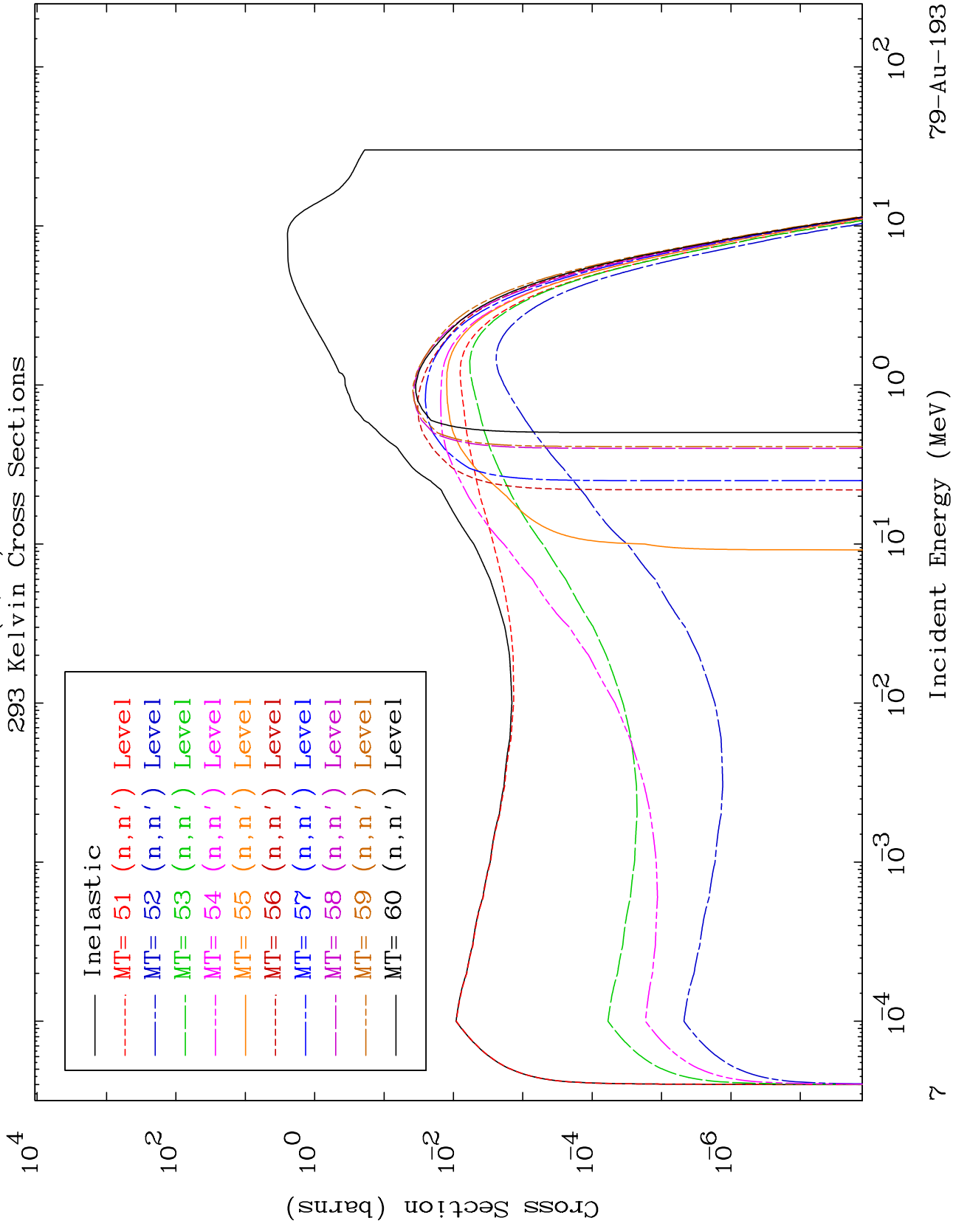




MAT 7914

293 Kelvin Cross Sections
(n,n') Level

79-Au-193

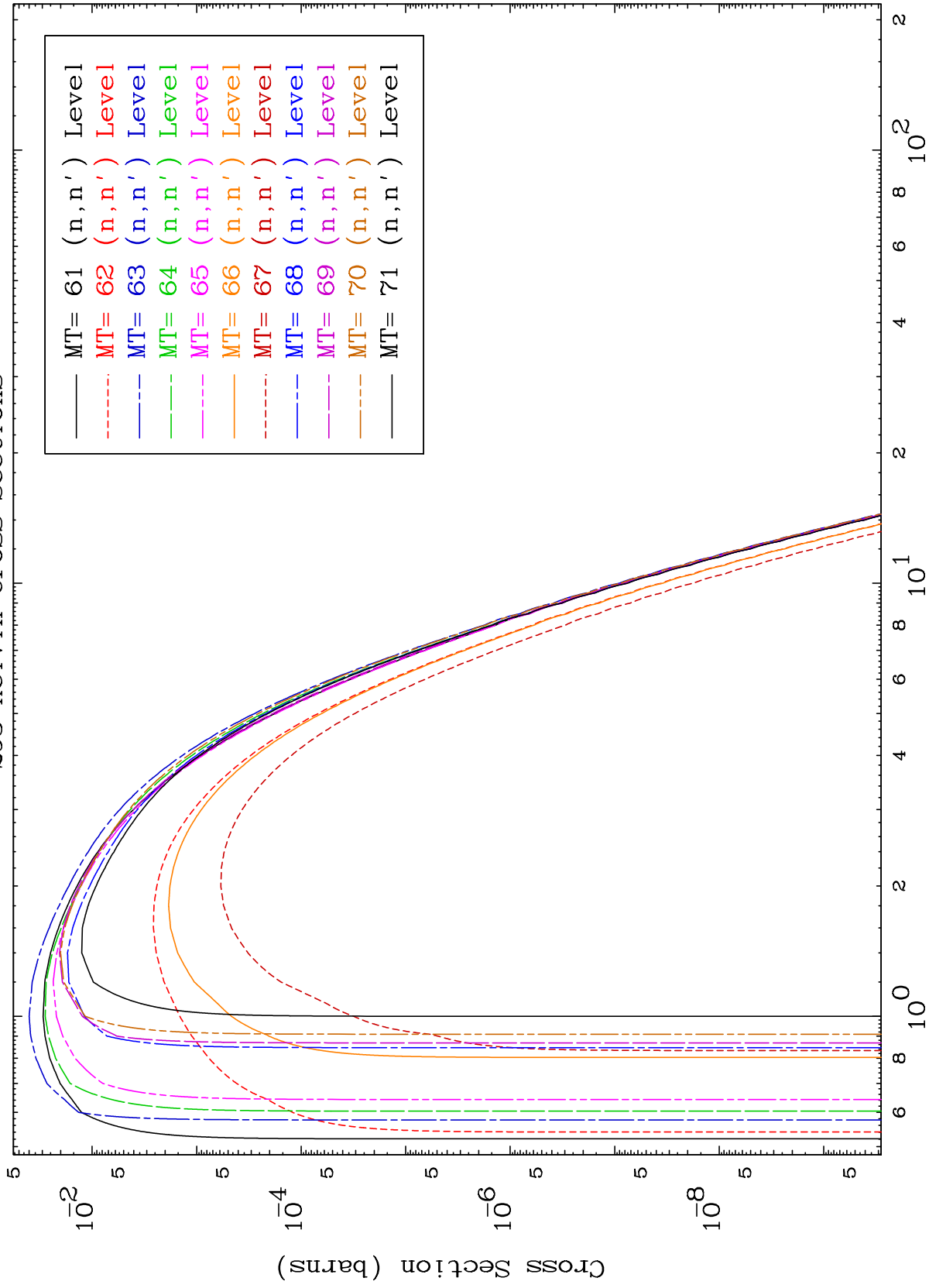


MAT 7914

(n,n') Level

79-Au-193

293 Kelvin Cross Sections



8

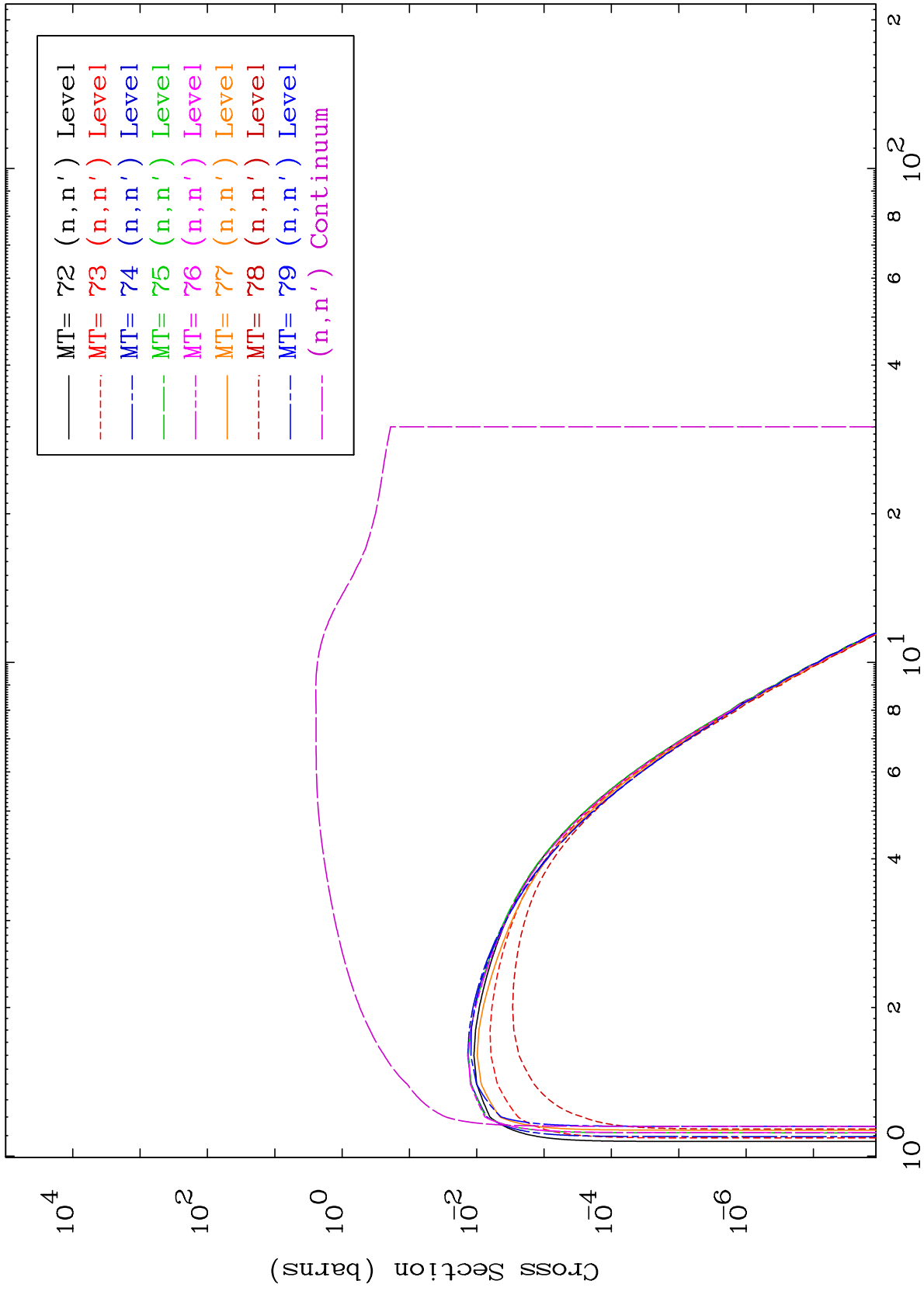
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,n') Level
293 Kelvin Cross Sections

79-Au-193



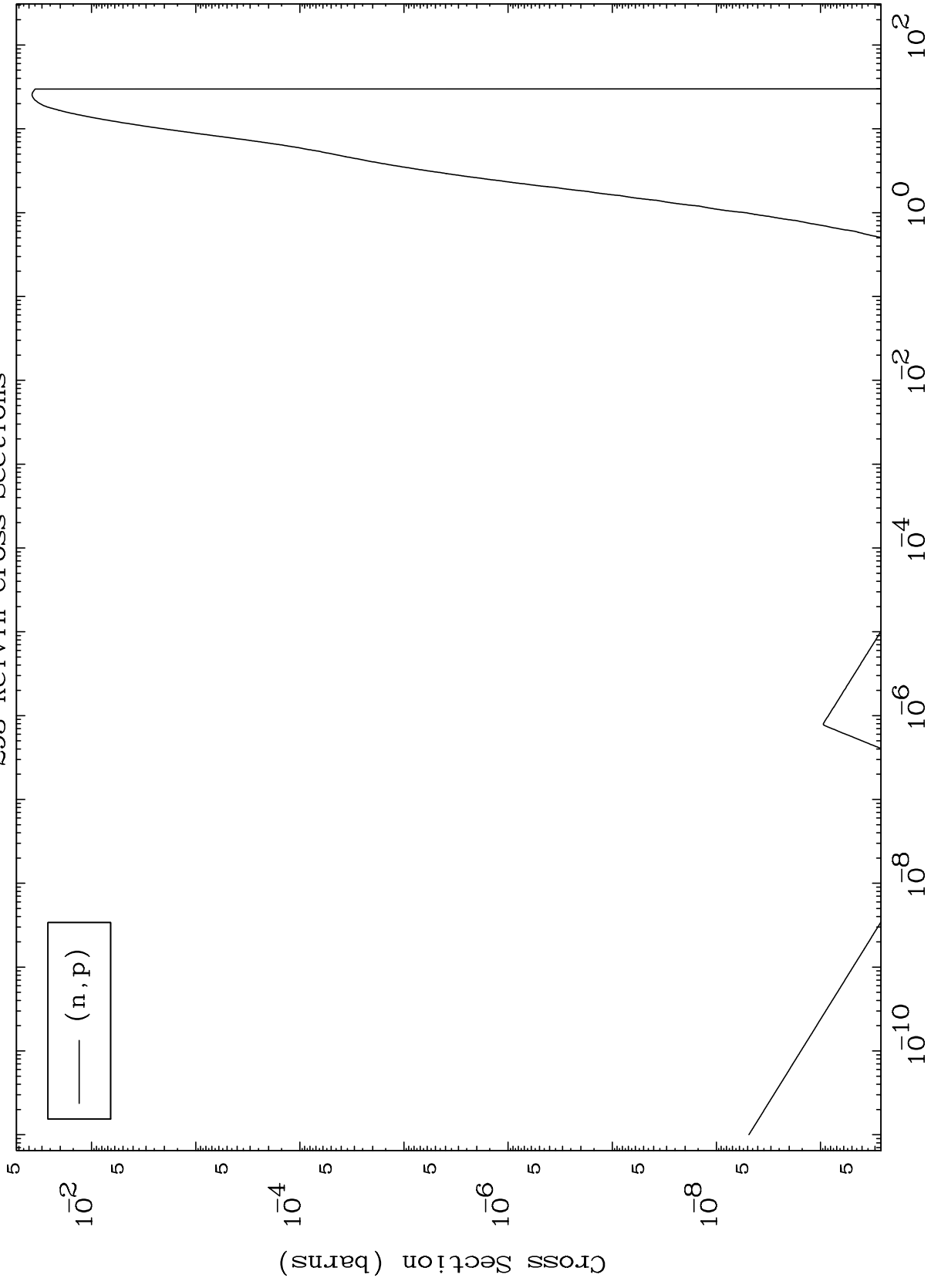
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,p) Levels
293 Kelvin Cross Sections

79-Au-193



10

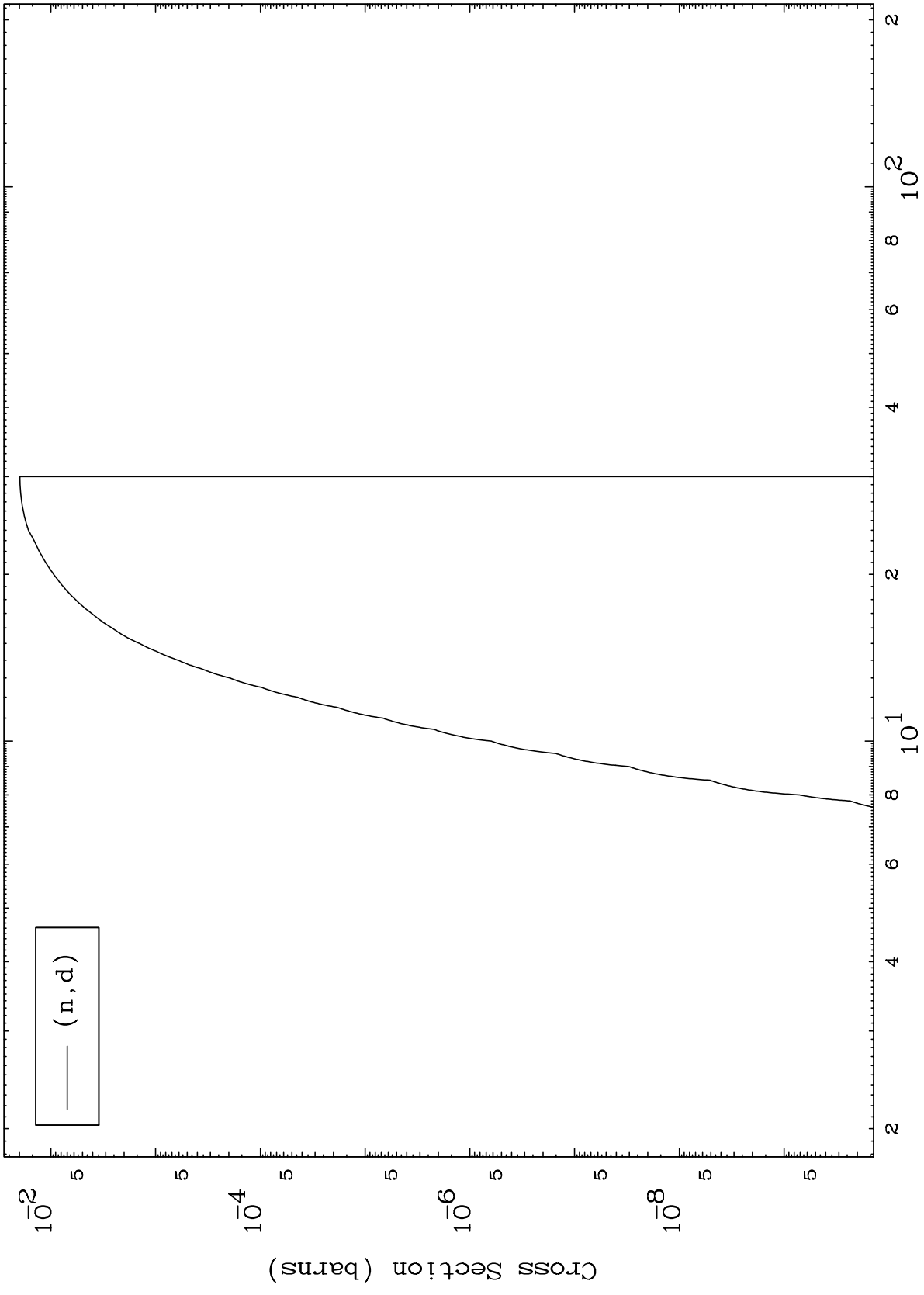
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,d) Levels
293 Kelvin Cross Sections

79-Au-193



11

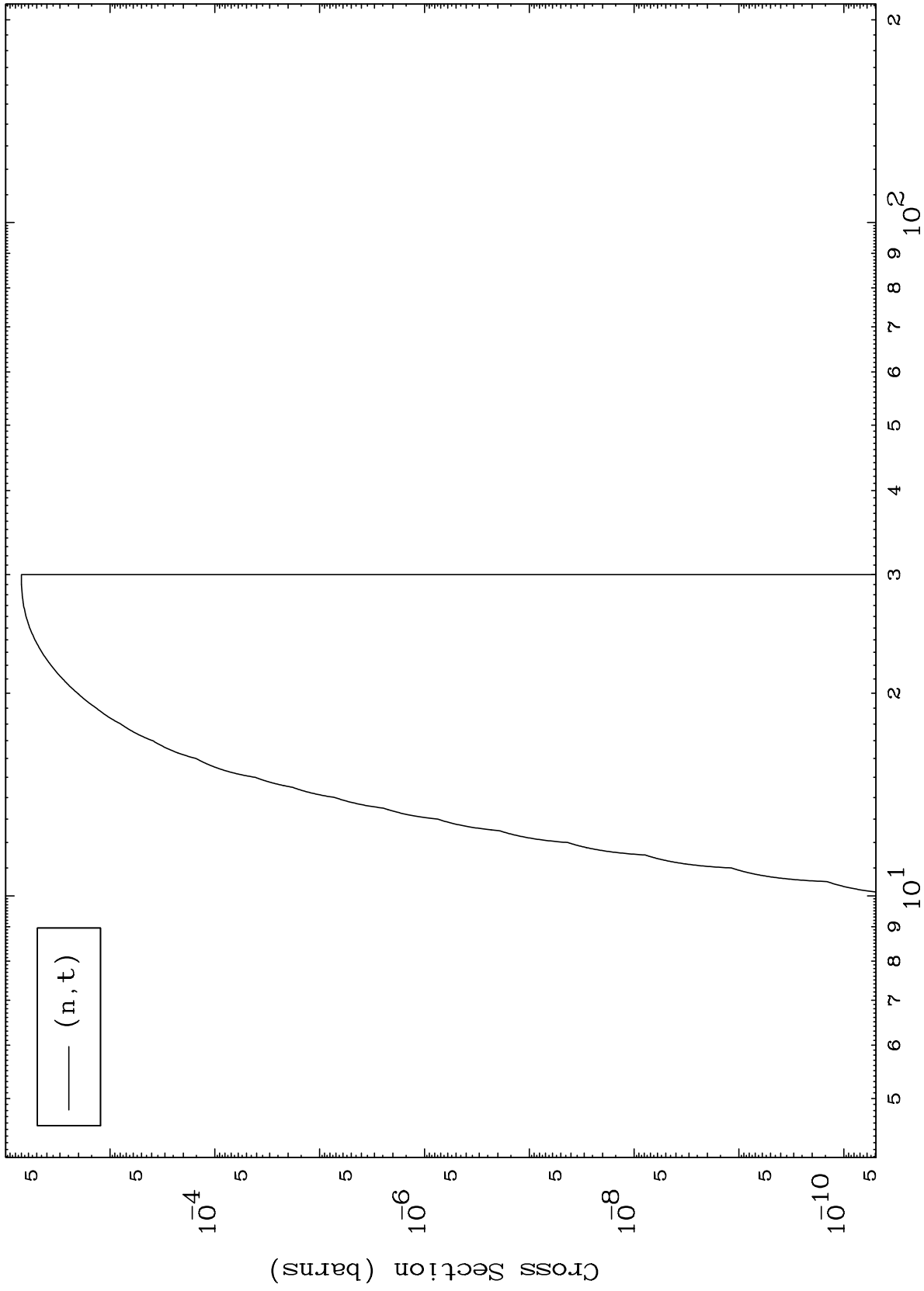
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,t) Levels
293 Kelvin Cross Sections

79-Au-193



12

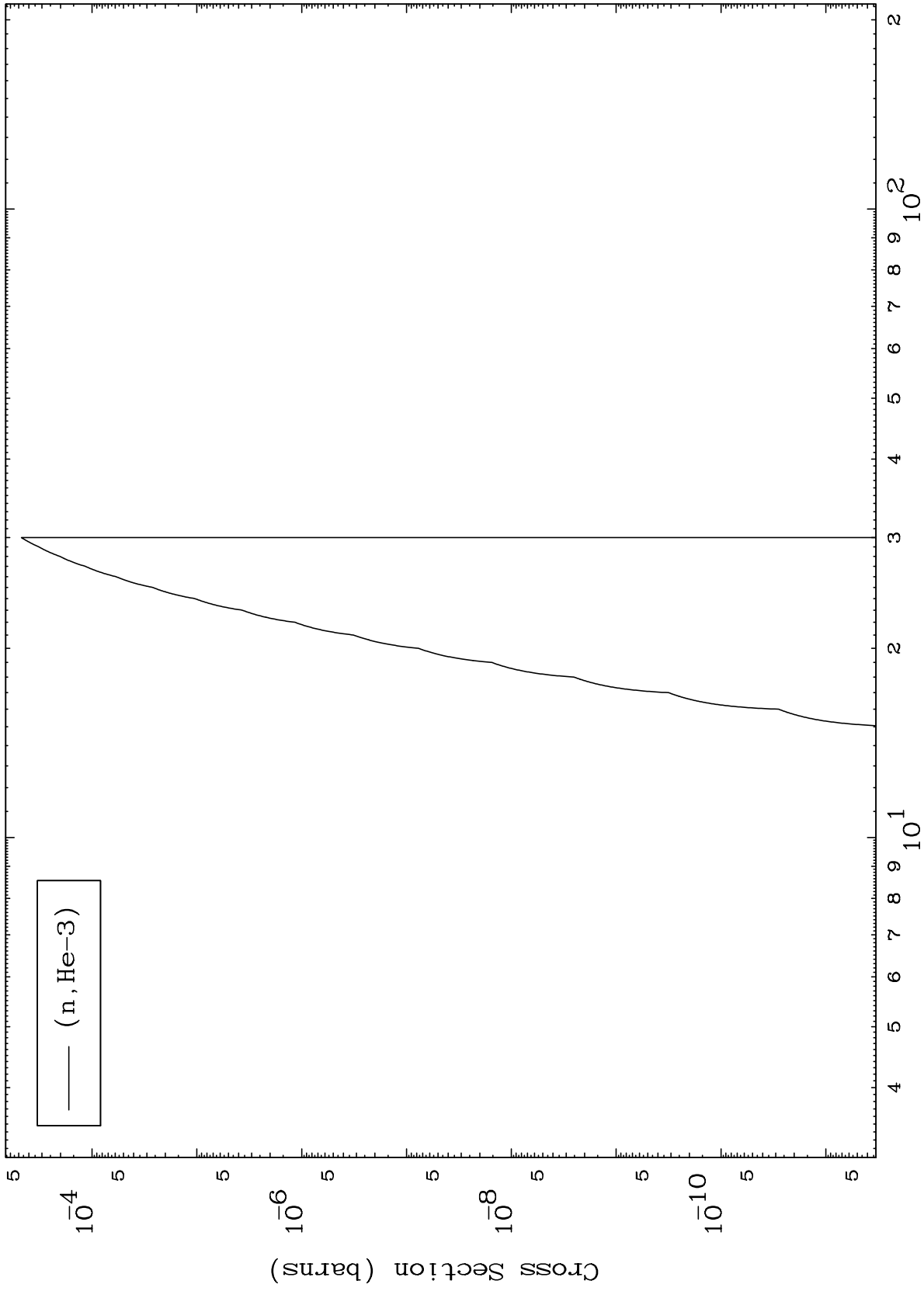
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-193



13

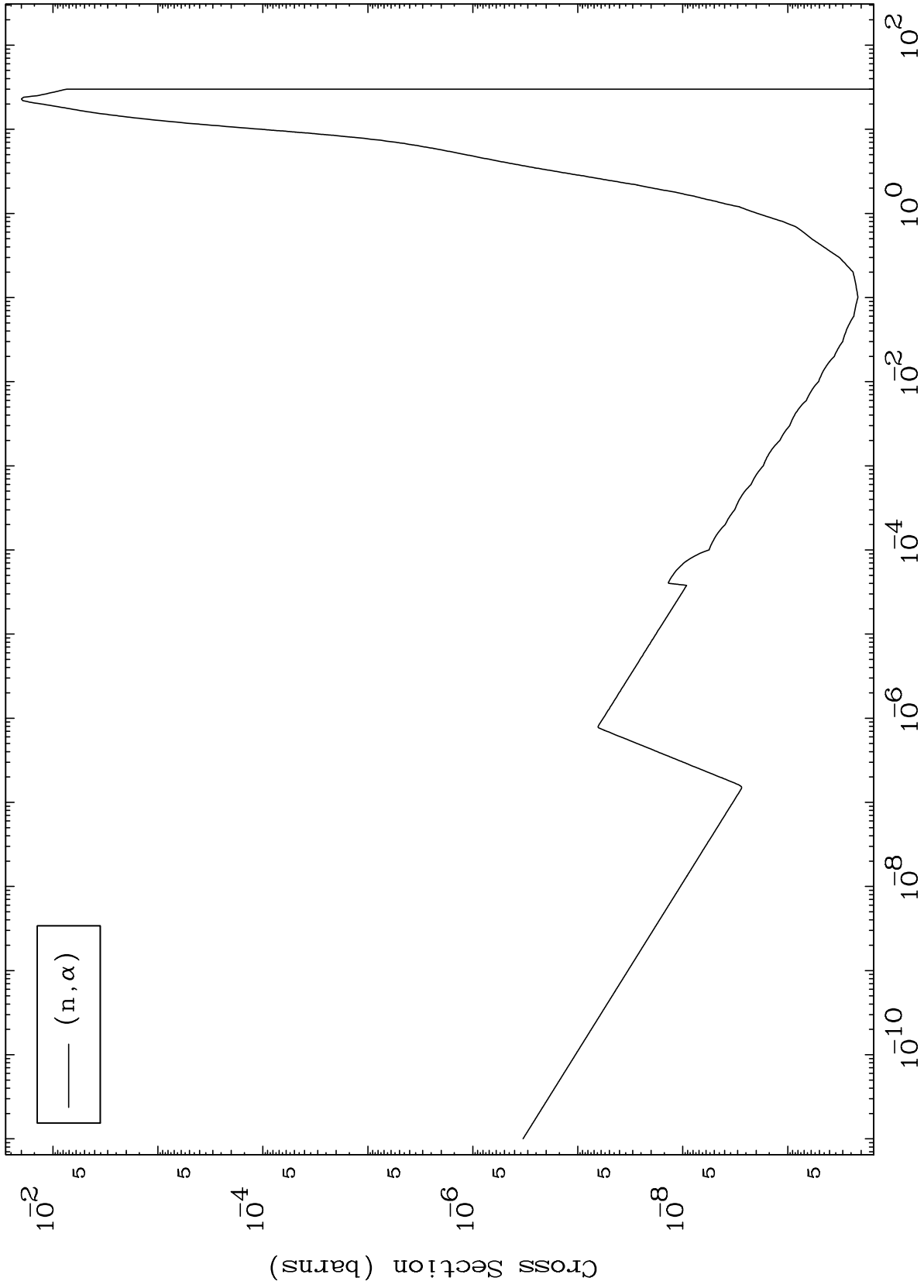
Incident Energy (MeV)

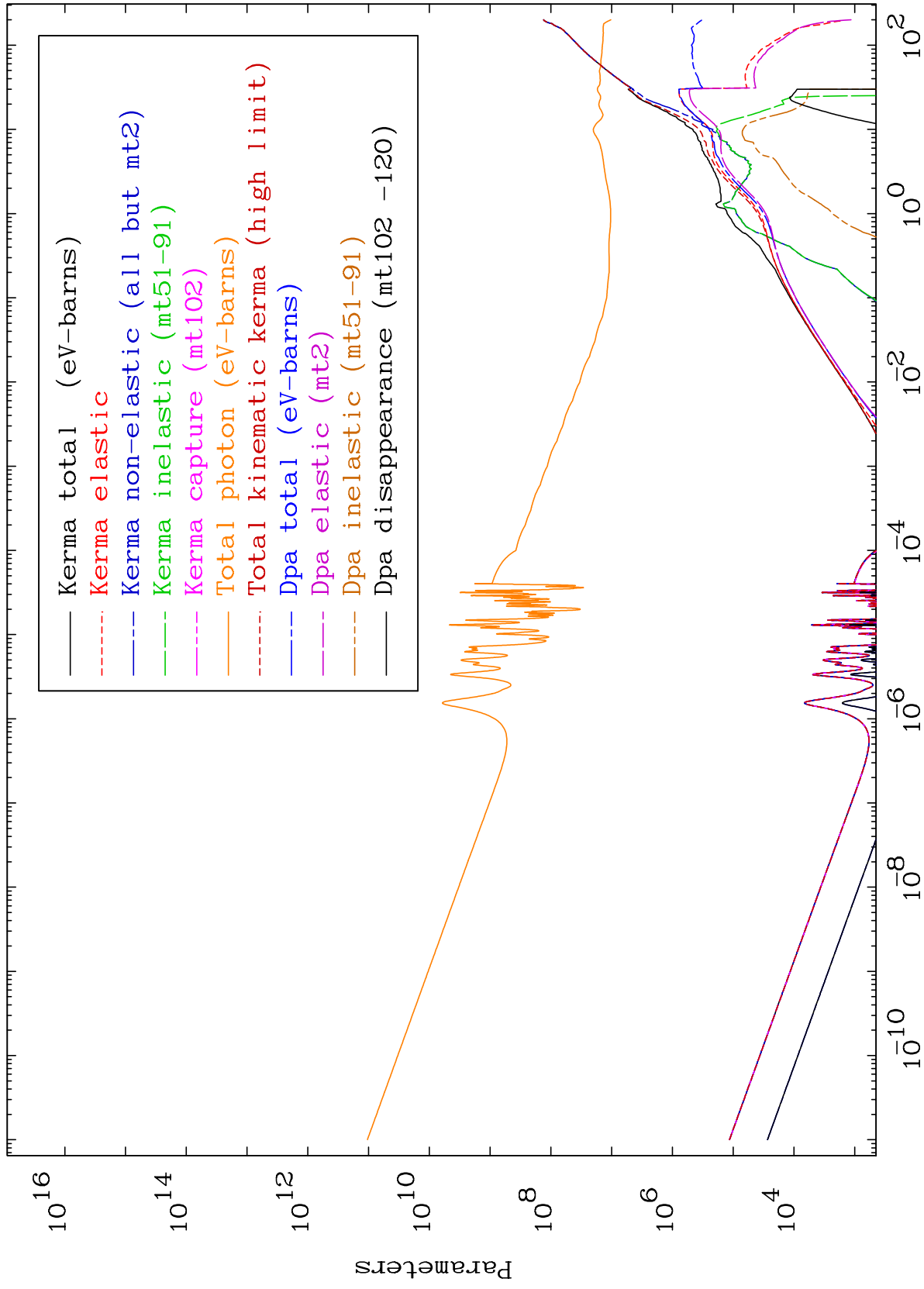
79-Au-193

MAT 7914

(n,α) Levels
293 Kelvin Cross Sections

79-Au-193

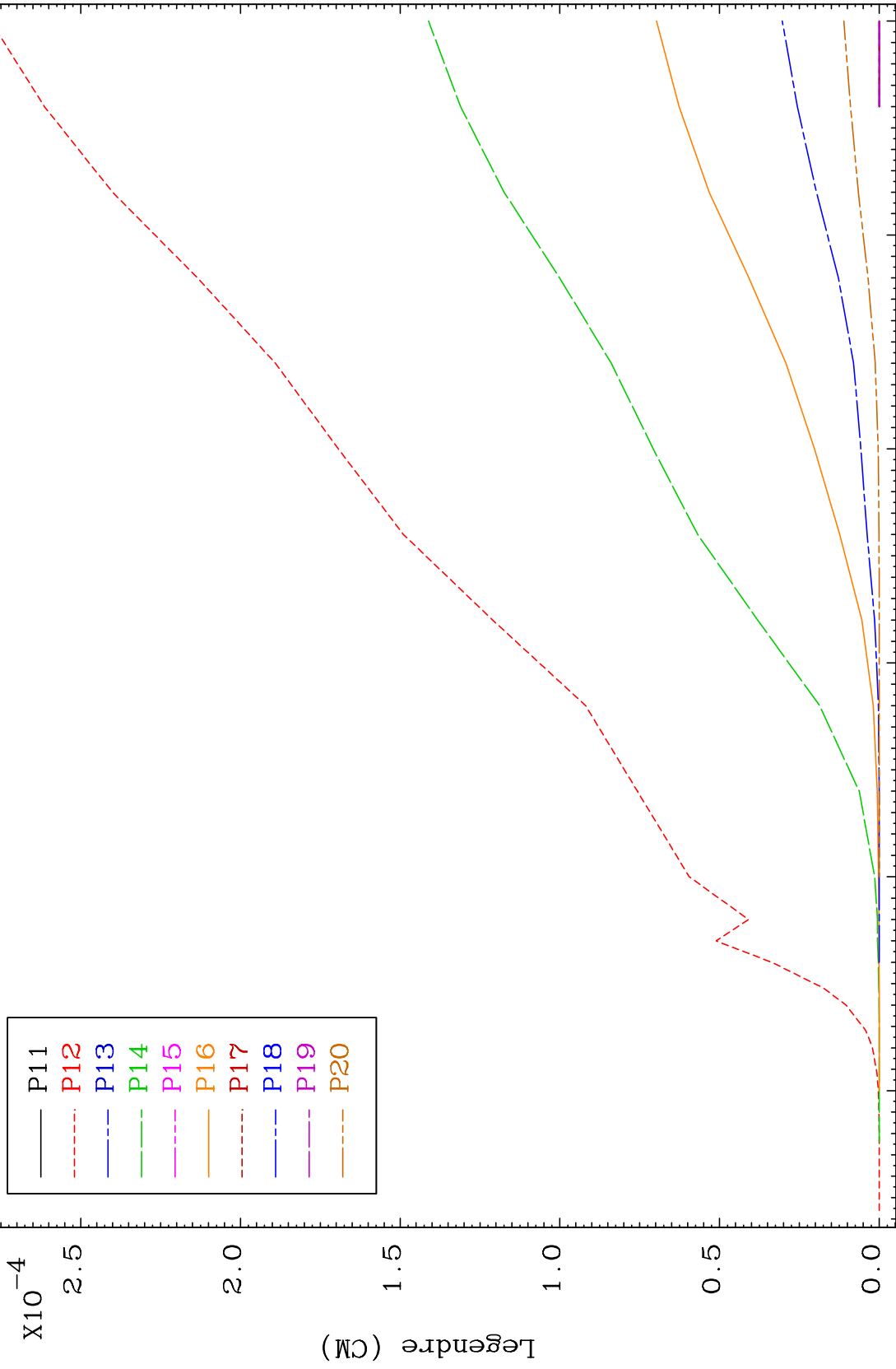
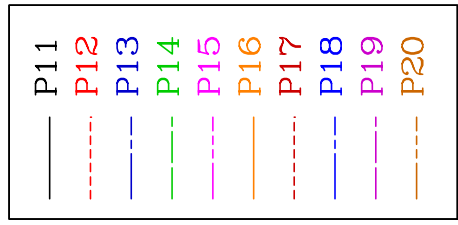




MAT 7914

Elastic Legendre Coefficients

79-Au-193



17

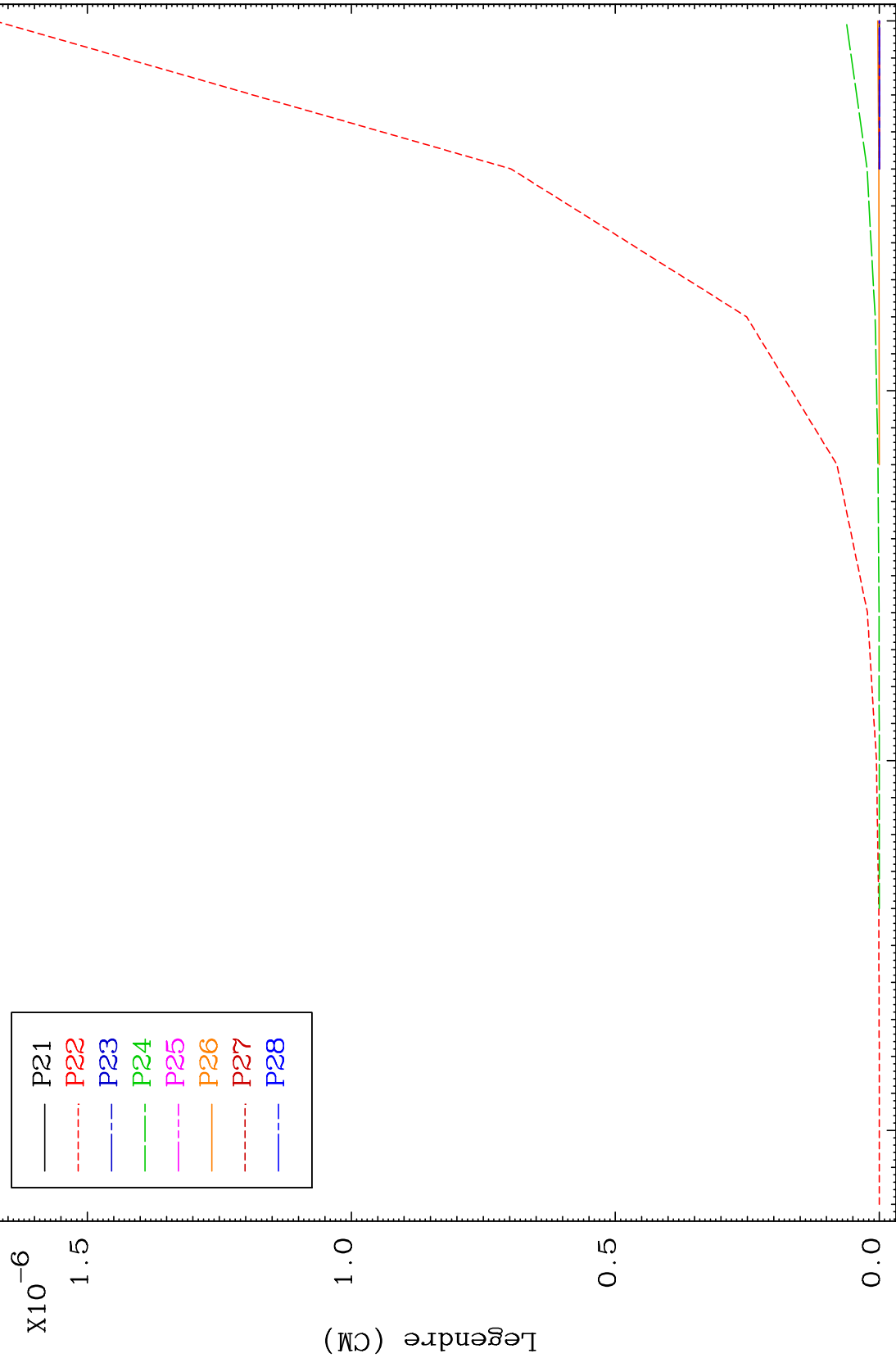
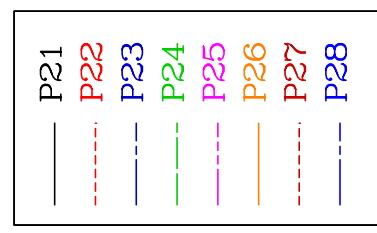
Incident Energy (MeV)

79-Au-193

MAT 7914

Elastic Legendre Coefficients

79-Au-193



18

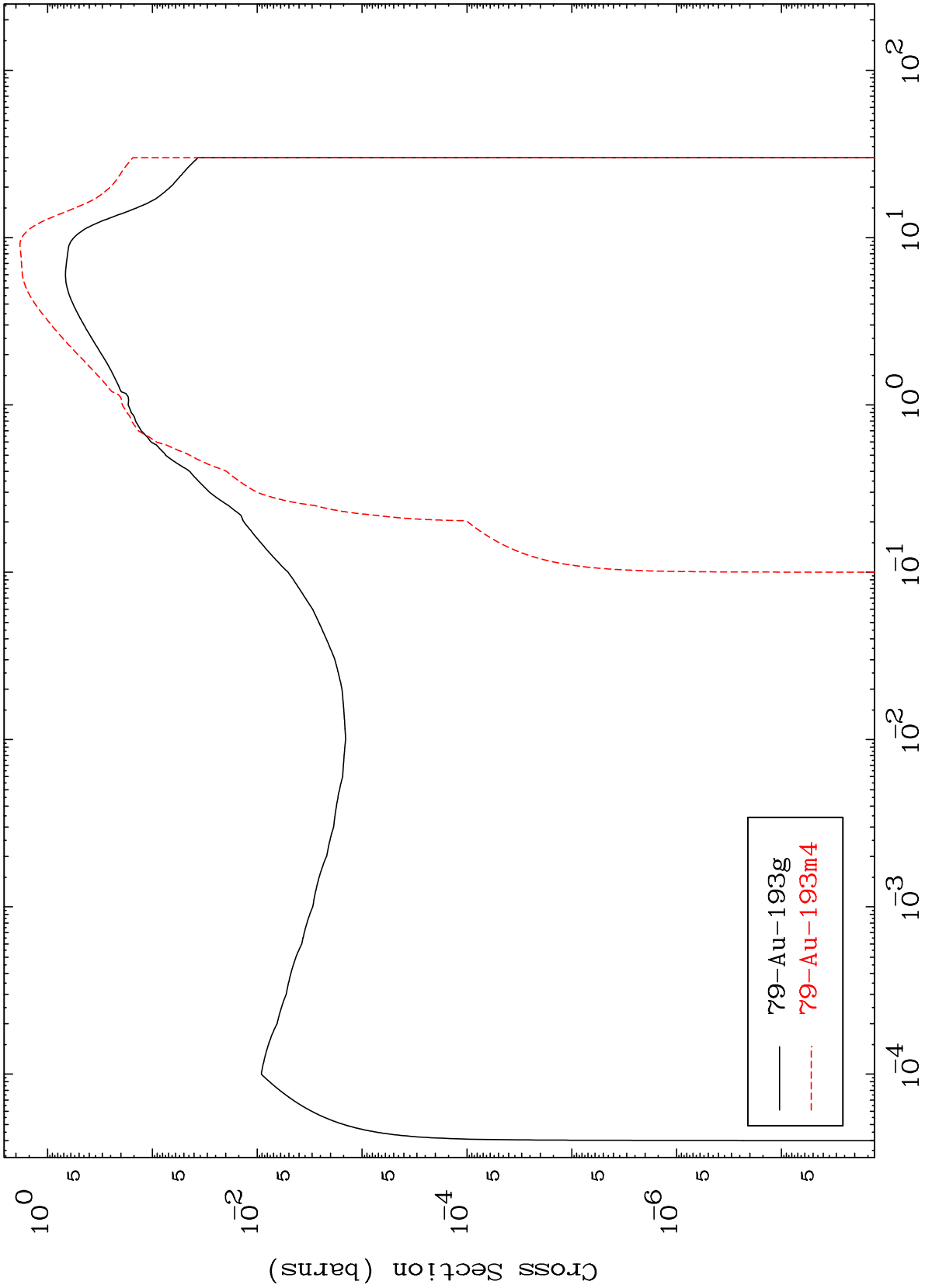
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

Inelastic
Radionuclide Production Cross Section



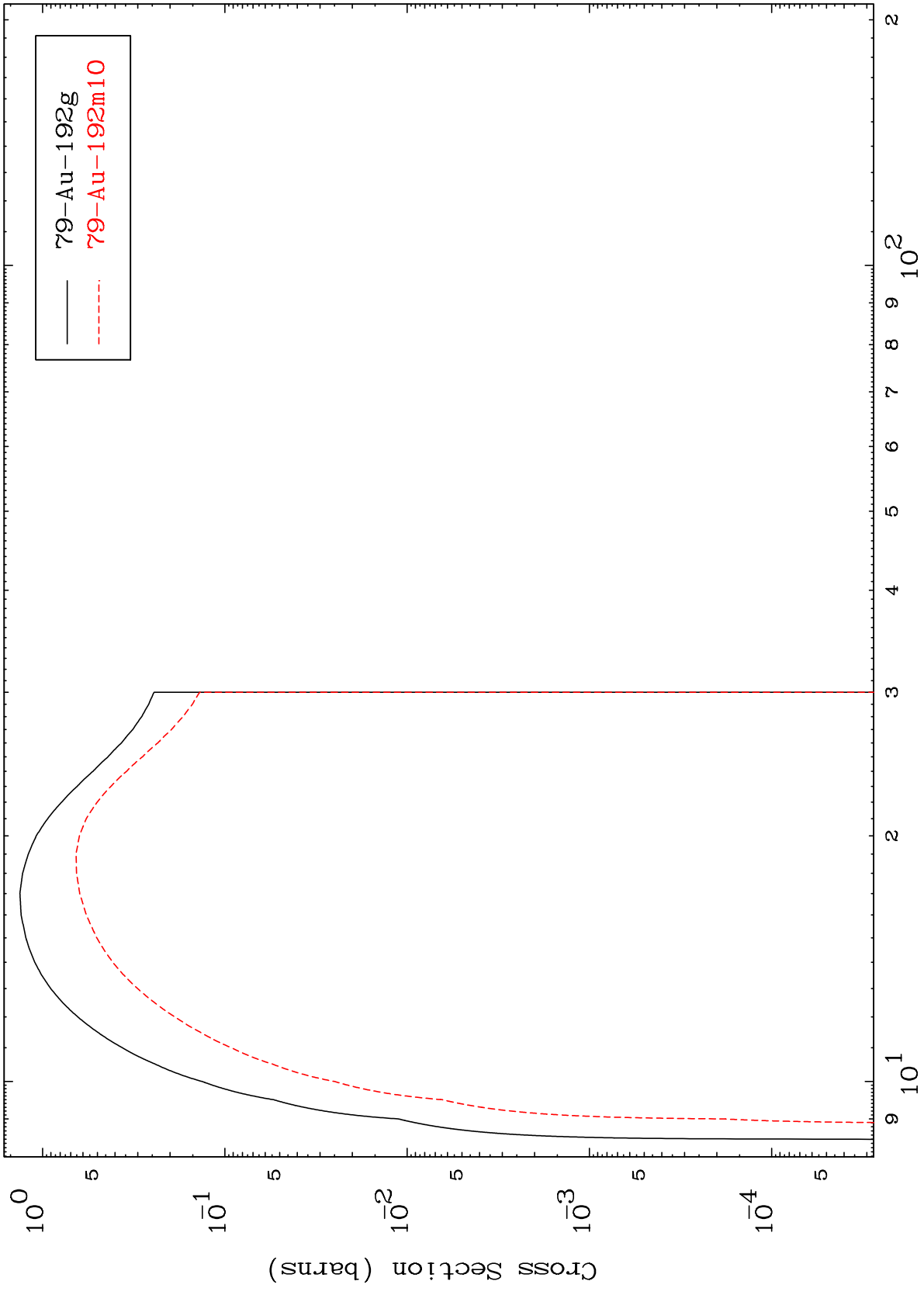
— 79-Au-193g
- - - 79-Au-193m4

MAT 7914

(n,2n)

⁷⁹Au-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

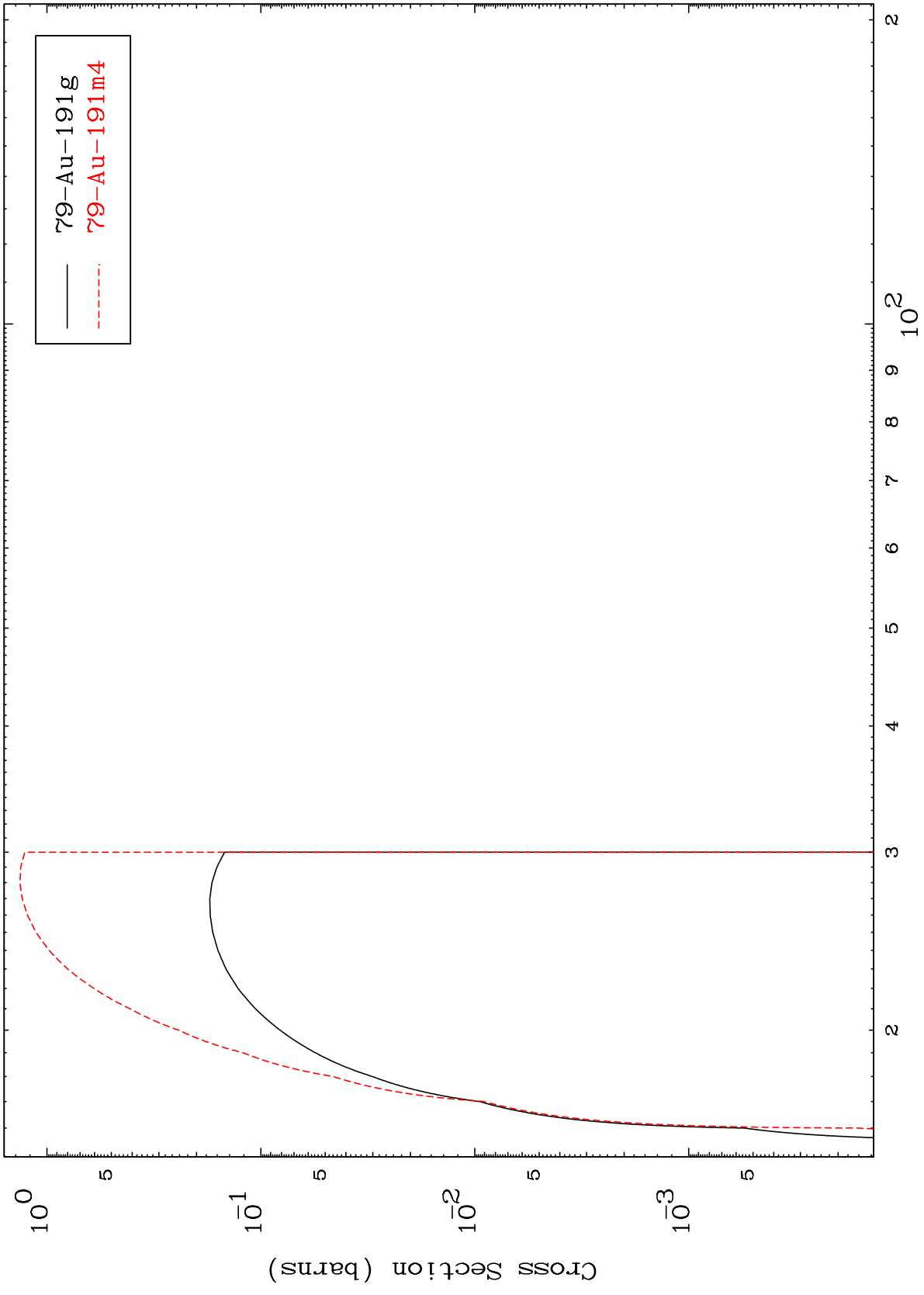
⁷⁹Au-193

MAT 7914

(n,3n)

⁷⁹Au-193

Radionuclide Production Cross Section



21

Incident Energy (MeV)

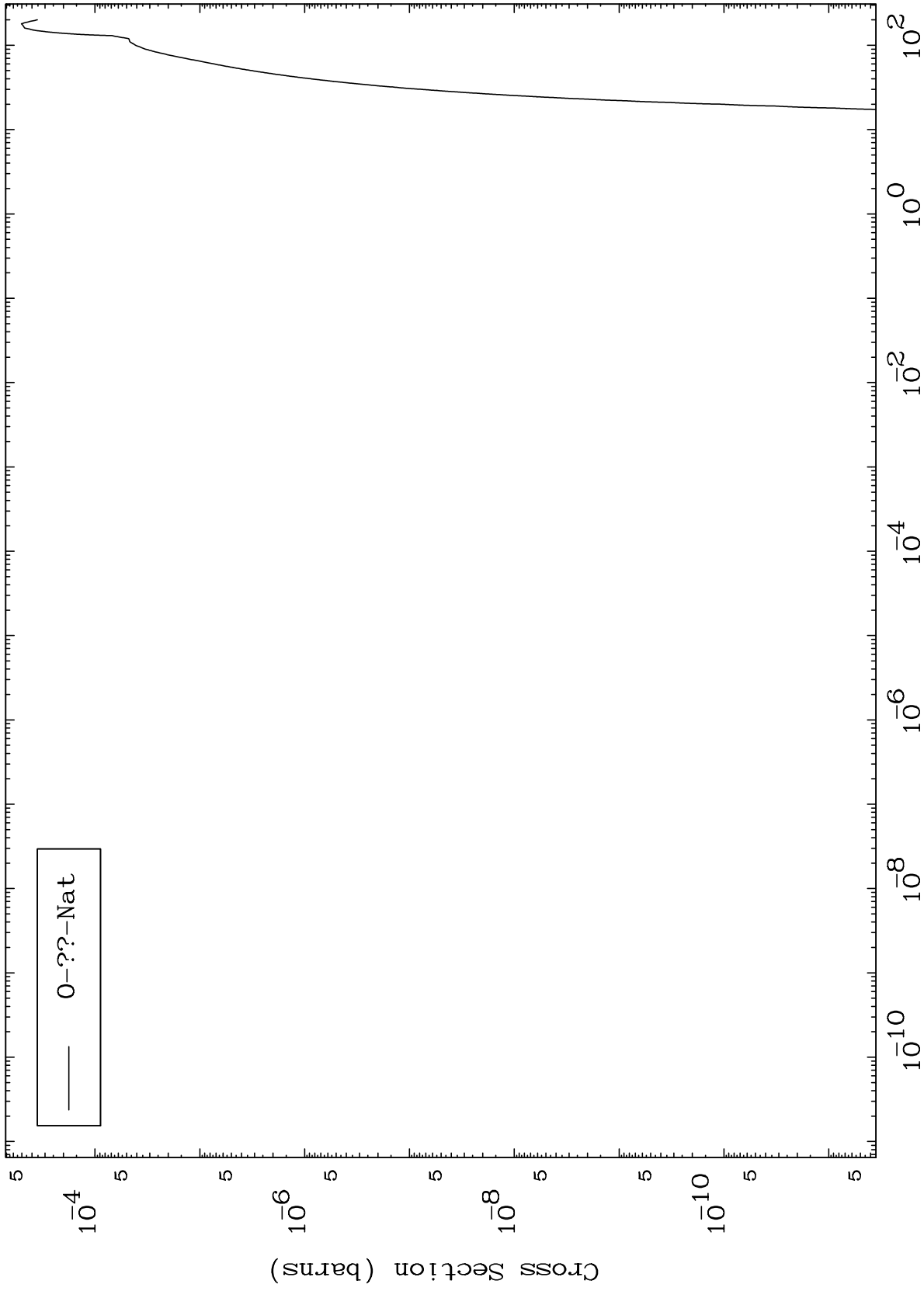
⁷⁹Au-193

MAT 7914

Fission

⁷⁹Au-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

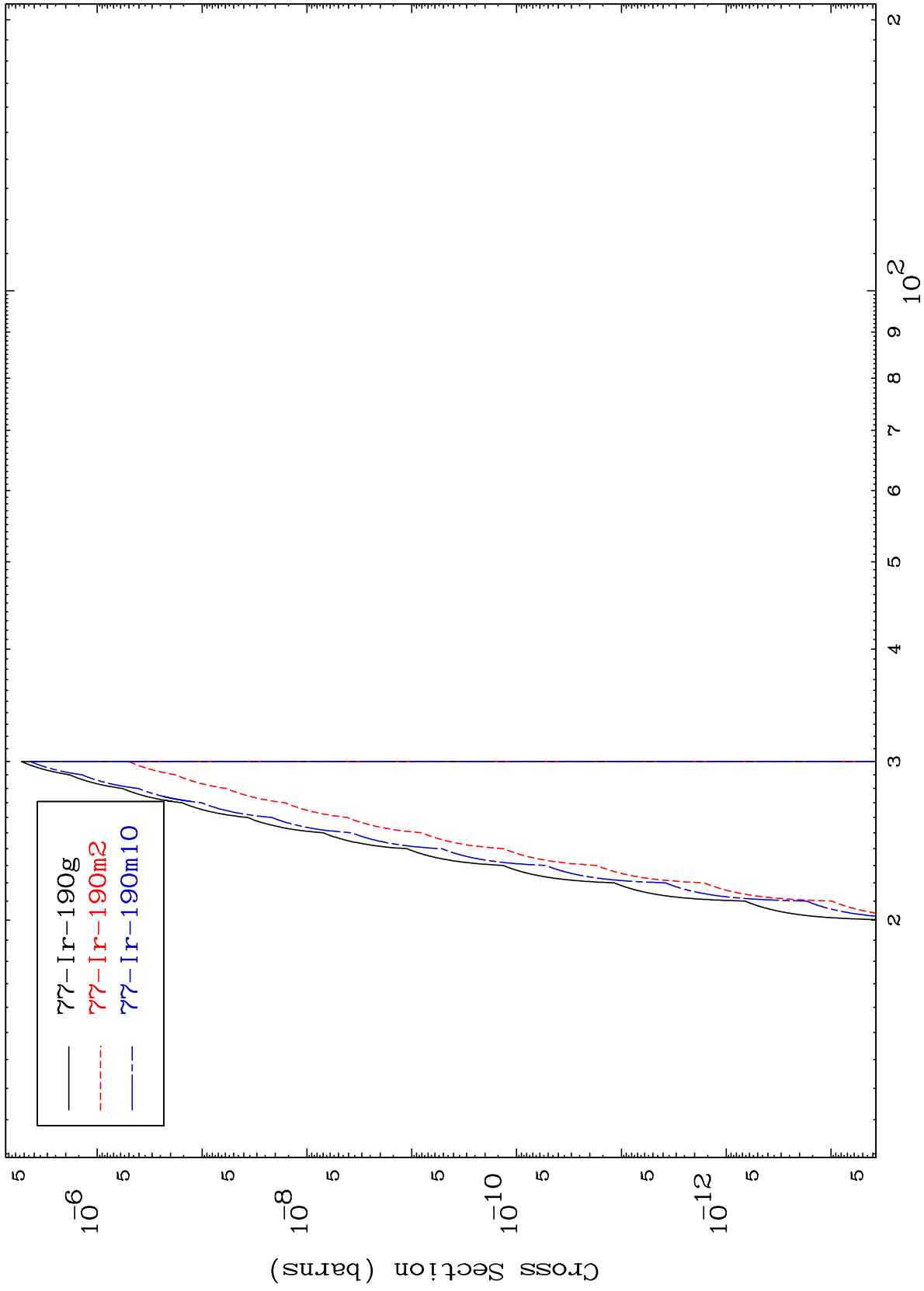
⁷⁹Au-193

MAT 7914

(n, n') He-3

79-Au-193

Radionuclide Production Cross Section



23

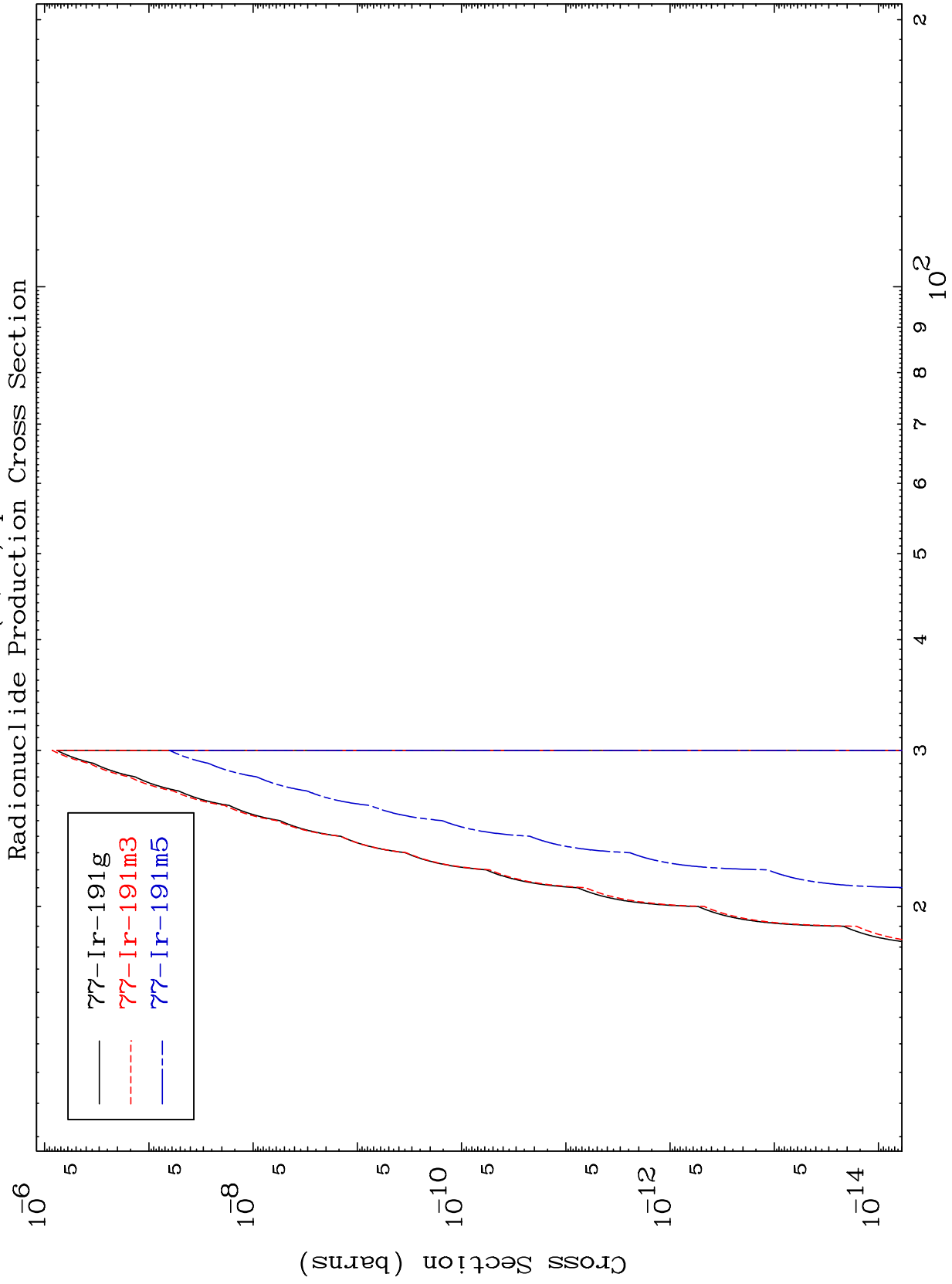
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,2n) p

79-Au-193



24

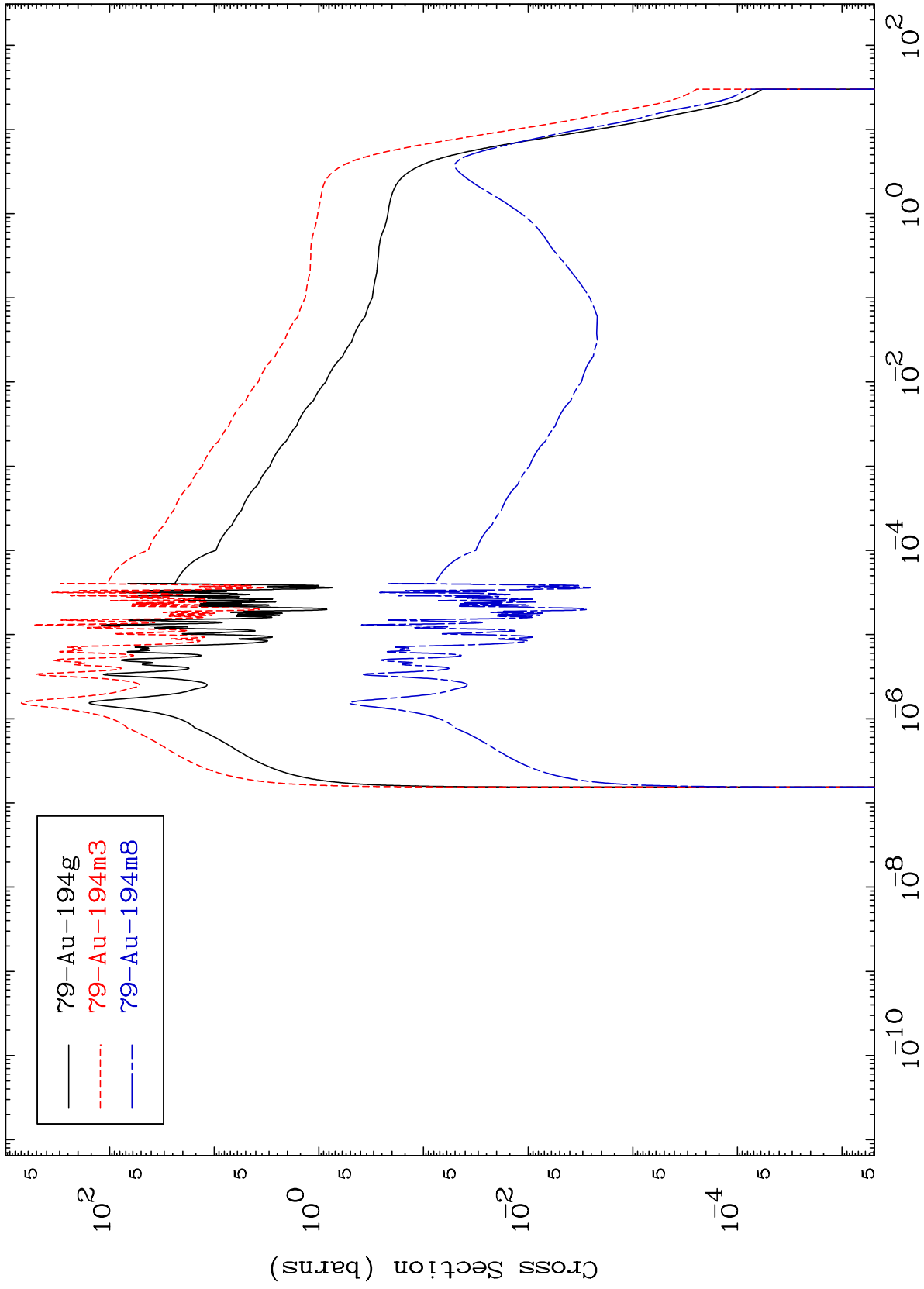
79-Au-193

79-Au-193

MAT 7914

79-Au-193

Radionuclide Production Cross Section (n,γ)



25

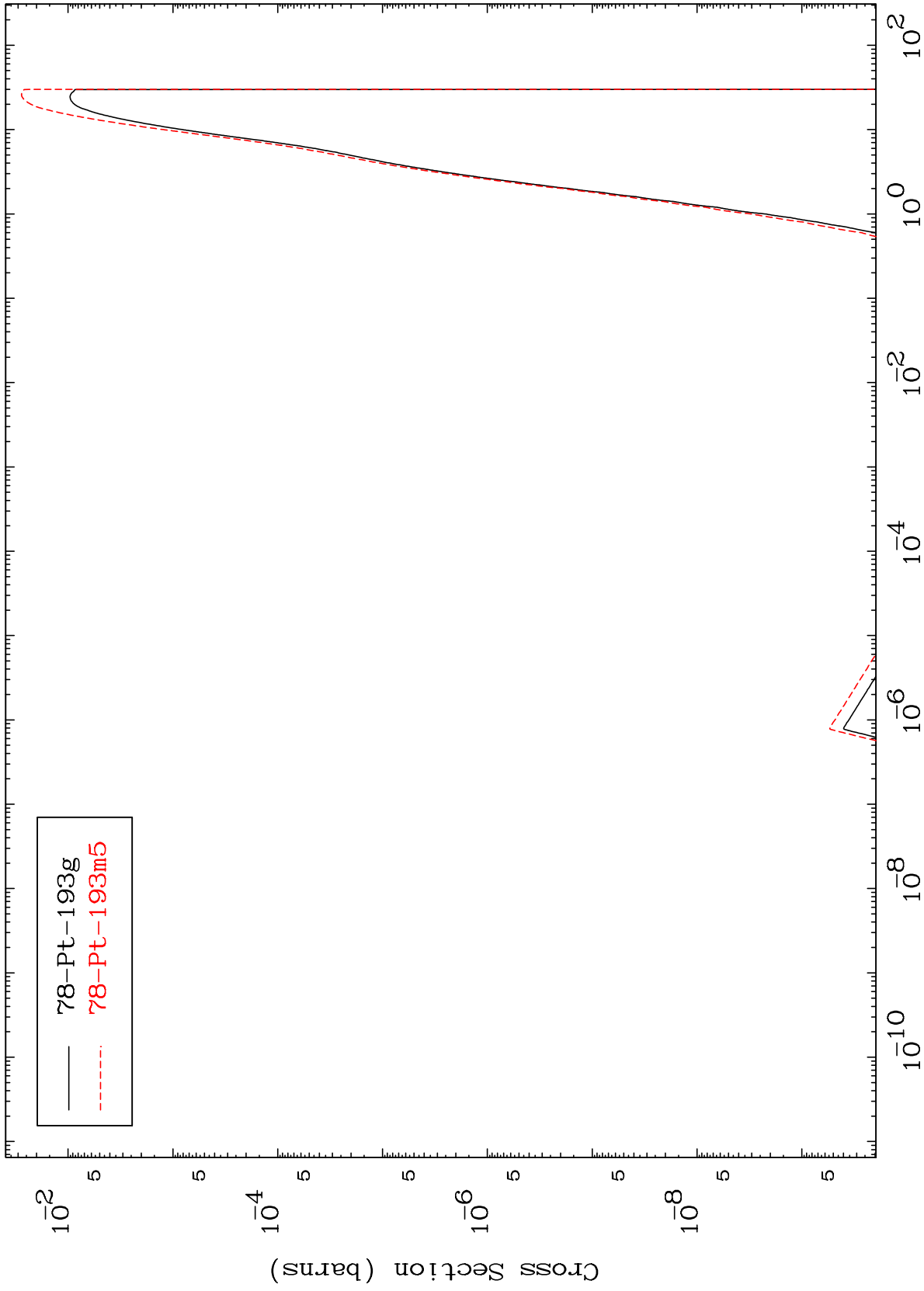
79-Au-193

MAT 7914

(n,p)

⁷⁹Au-193

Radionuclide Production Cross Section



26

Incident Energy (MeV)

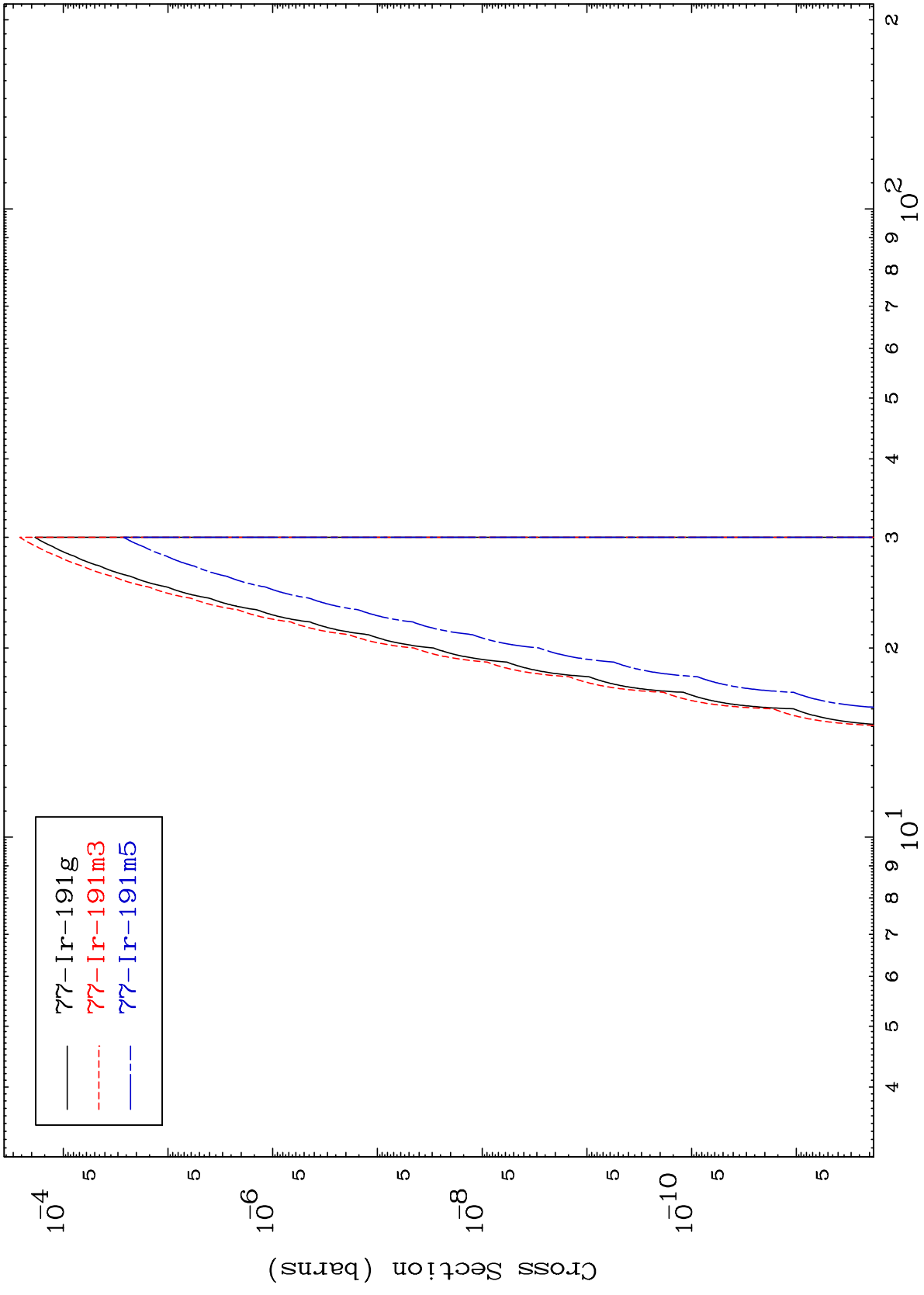
⁷⁹Au-193

MAT 7914

(n, He-3)

79-Au-193

Radionuclide Production Cross Section



27

Incident Energy (MeV)

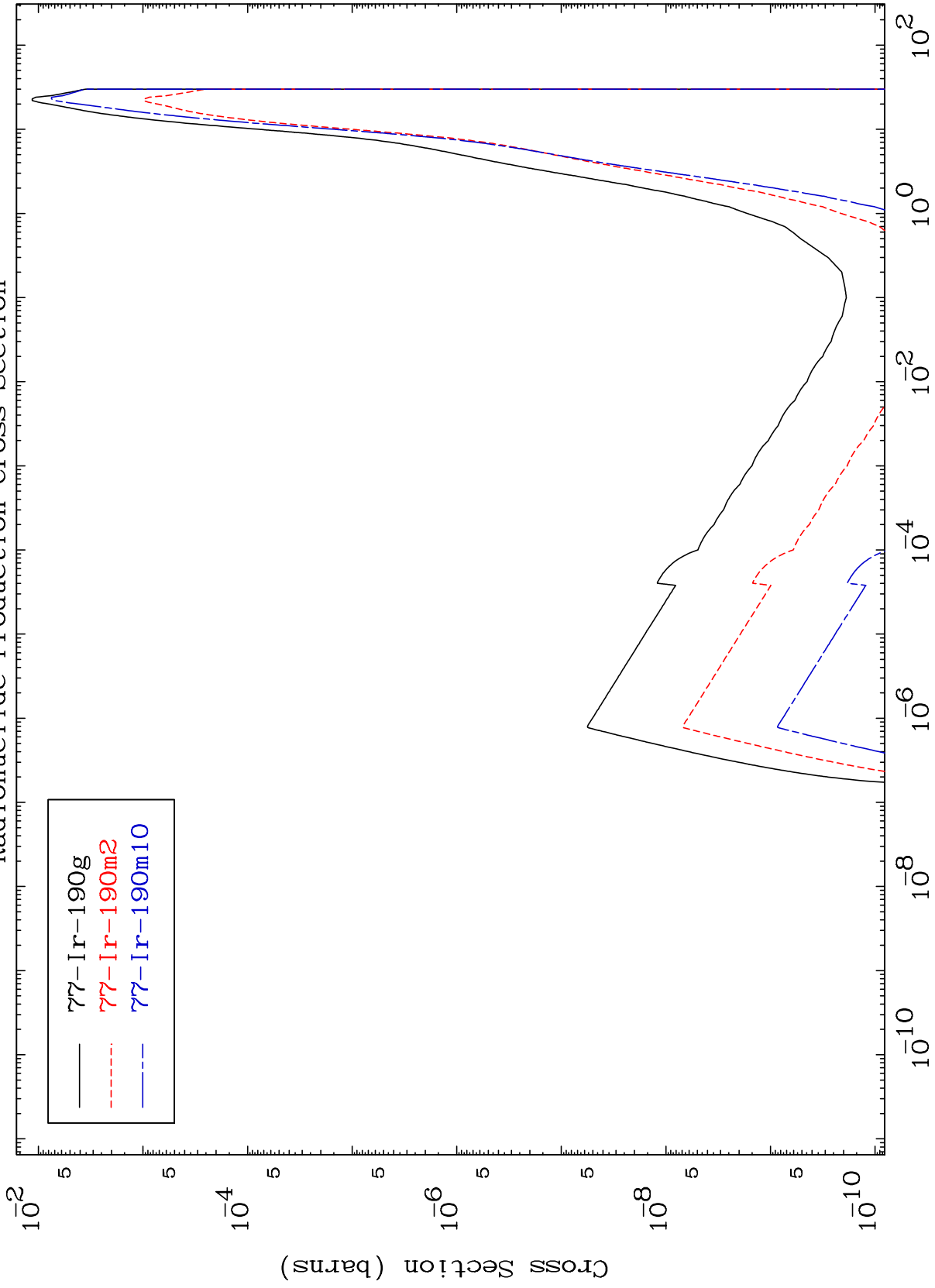
79-Au-193

MAT 7914

(n, α)

79-Au-193

Radionuclide Production Cross Section



28

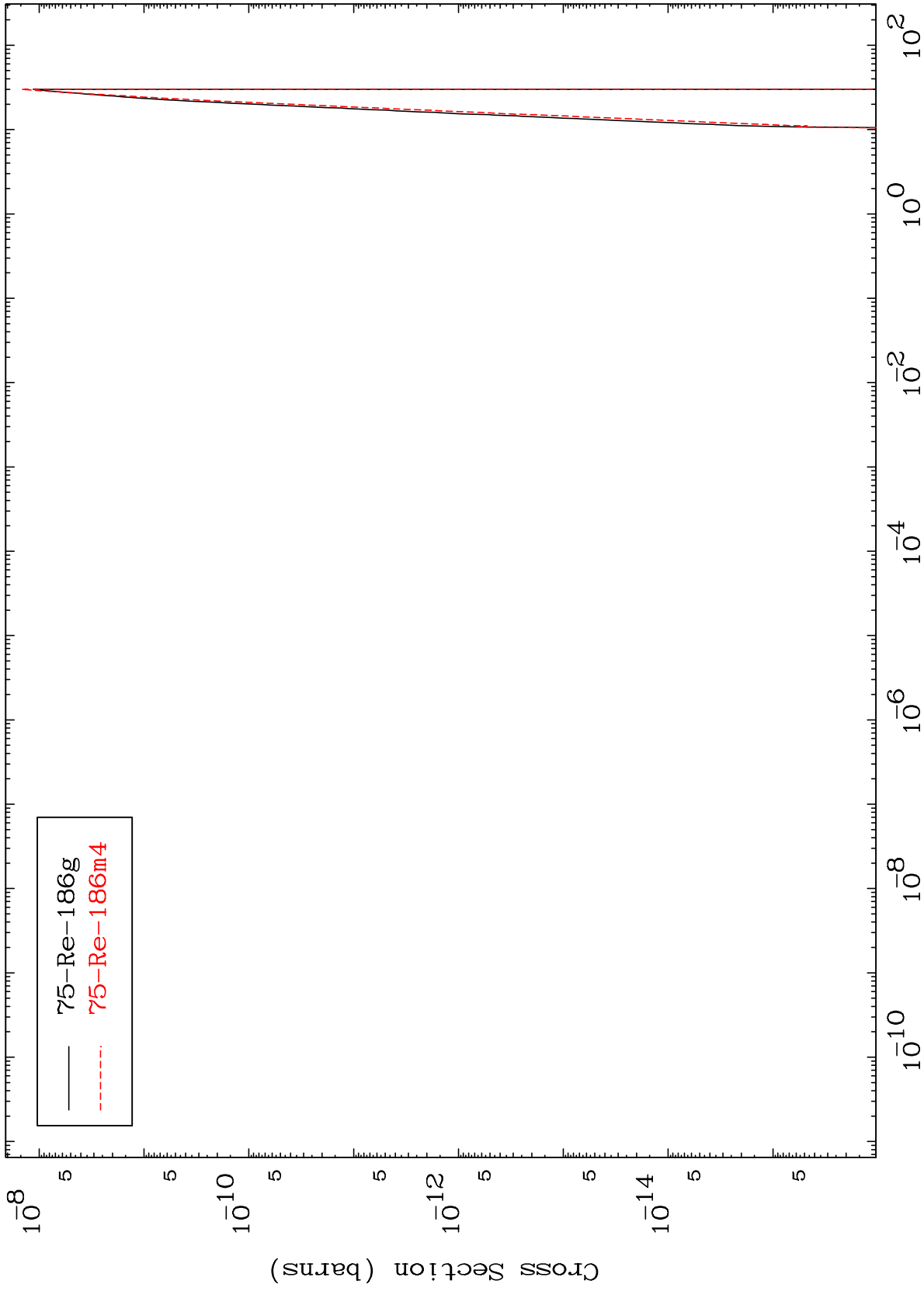
79-Au-193

MAT 7914

(n,2α)

⁷⁹Au-193

Radionuclide Production Cross Section



29

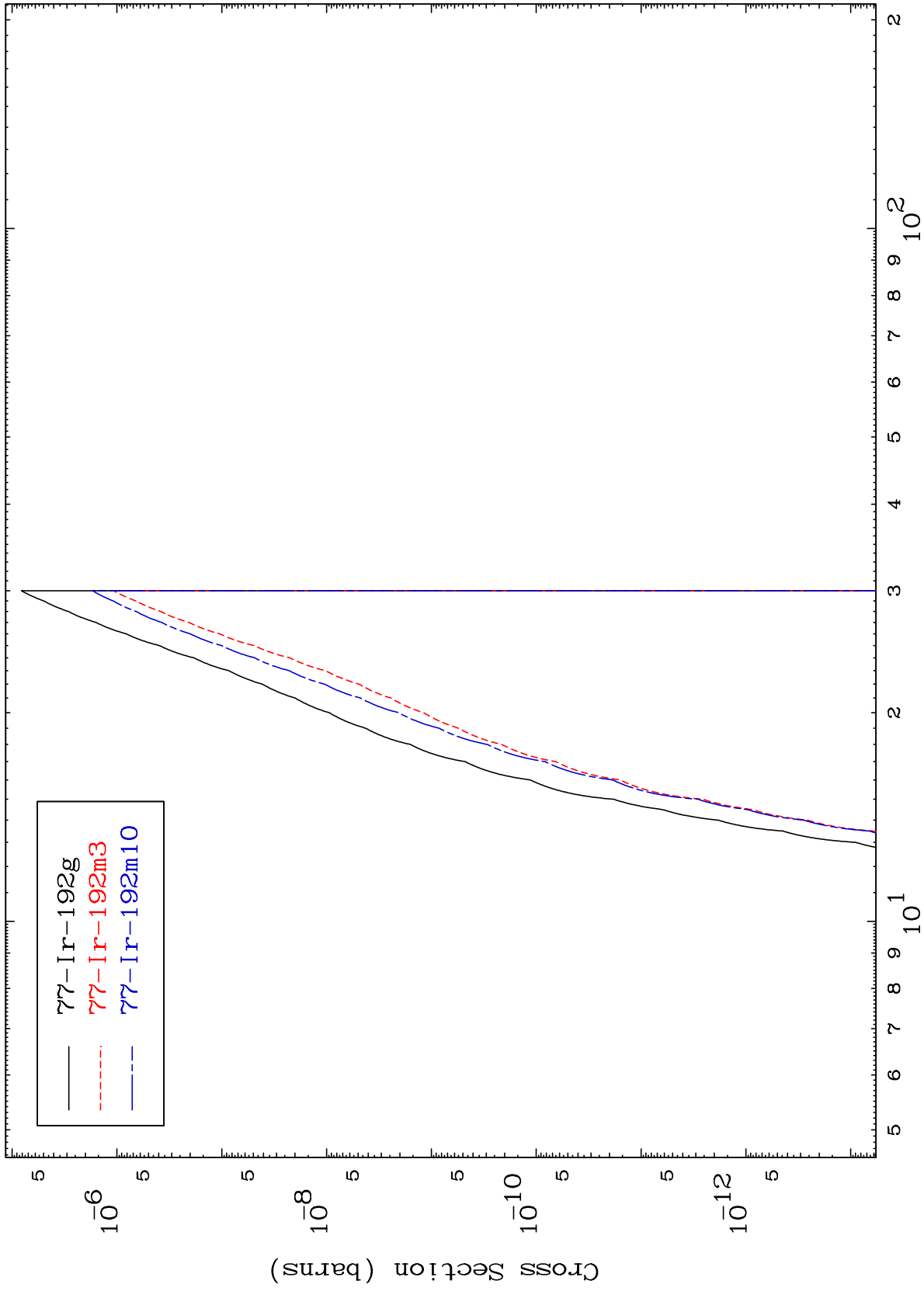
Incident Energy (MeV)

⁷⁹Au-193

MAT 7914

79-Au-193

Radionuclide Production Cross Section (n,2p)



30

Incident Energy (MeV)

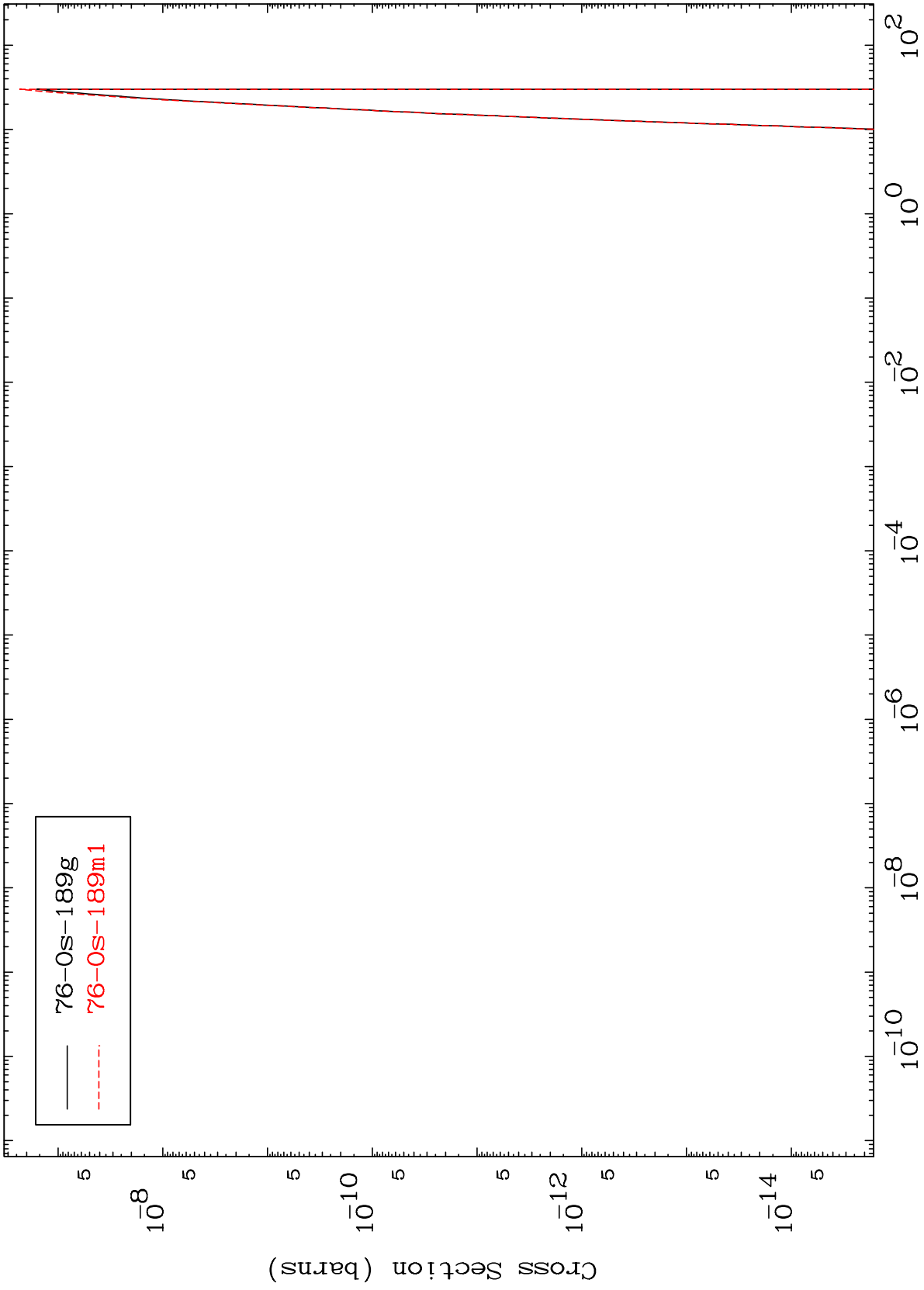
79-Au-193

MAT 7914

(n,p) α

79-Au-193

Radionuclide Production Cross Section

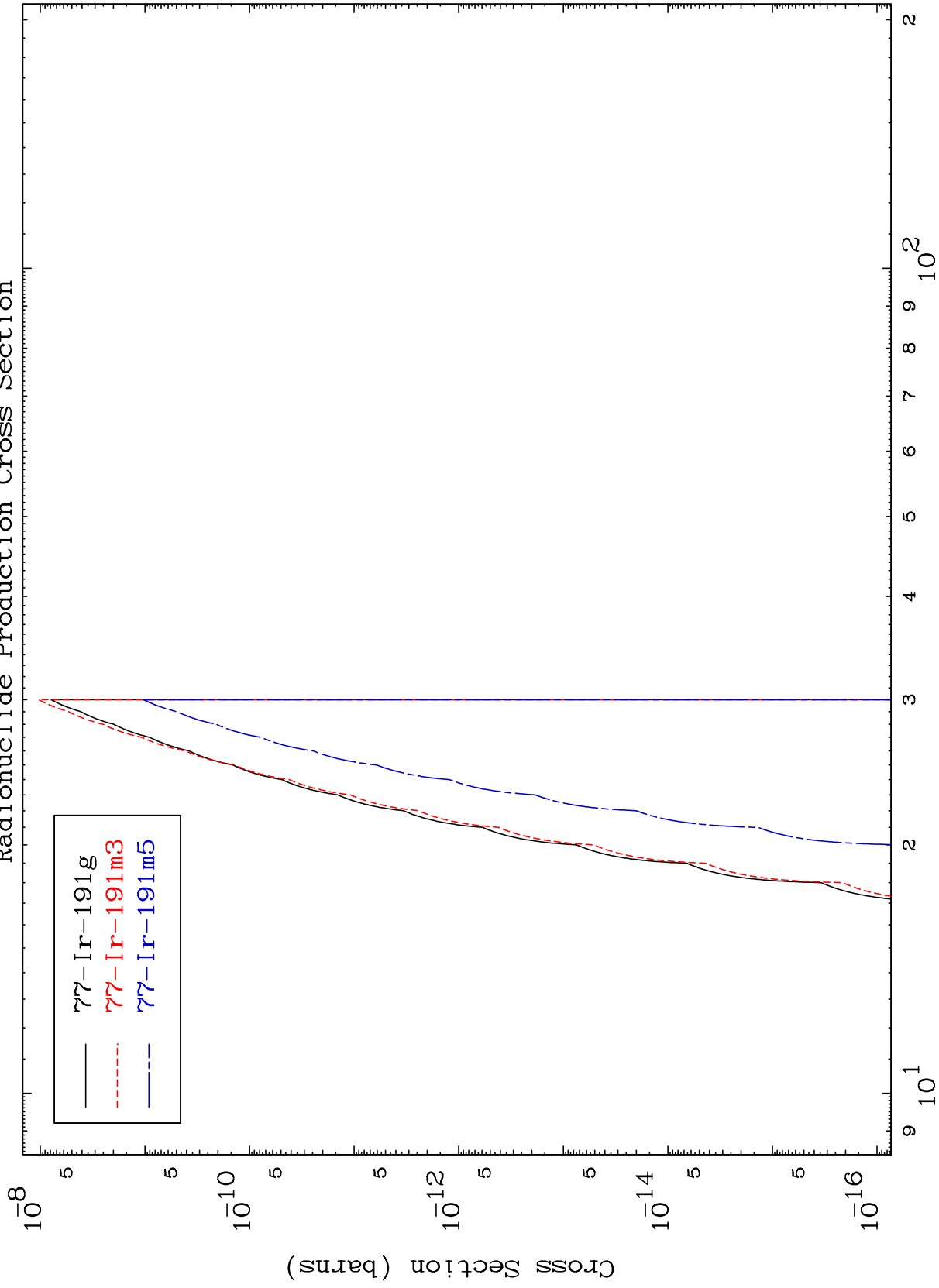


MAT 7914

(n,p) d

79-Au-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

79-Au-193

MAT 7914

(n,p) t

79-Au-193

Radionuclide Production Cross Section

