

Program EVALPLOT
(Version 2017-1)

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

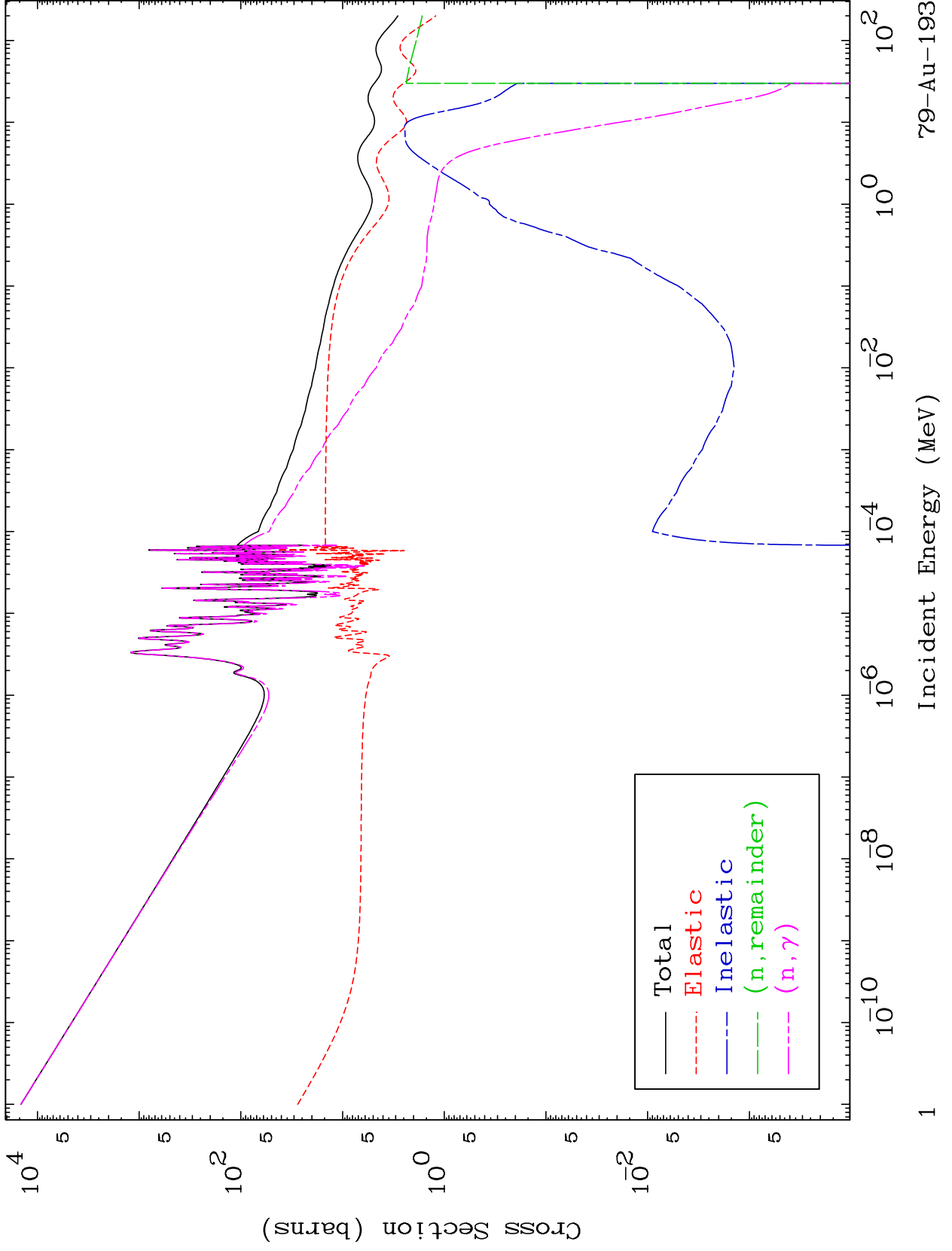
Press Mouse Button to Start

MAT 7914

Major

293 Kelvin Cross Sections

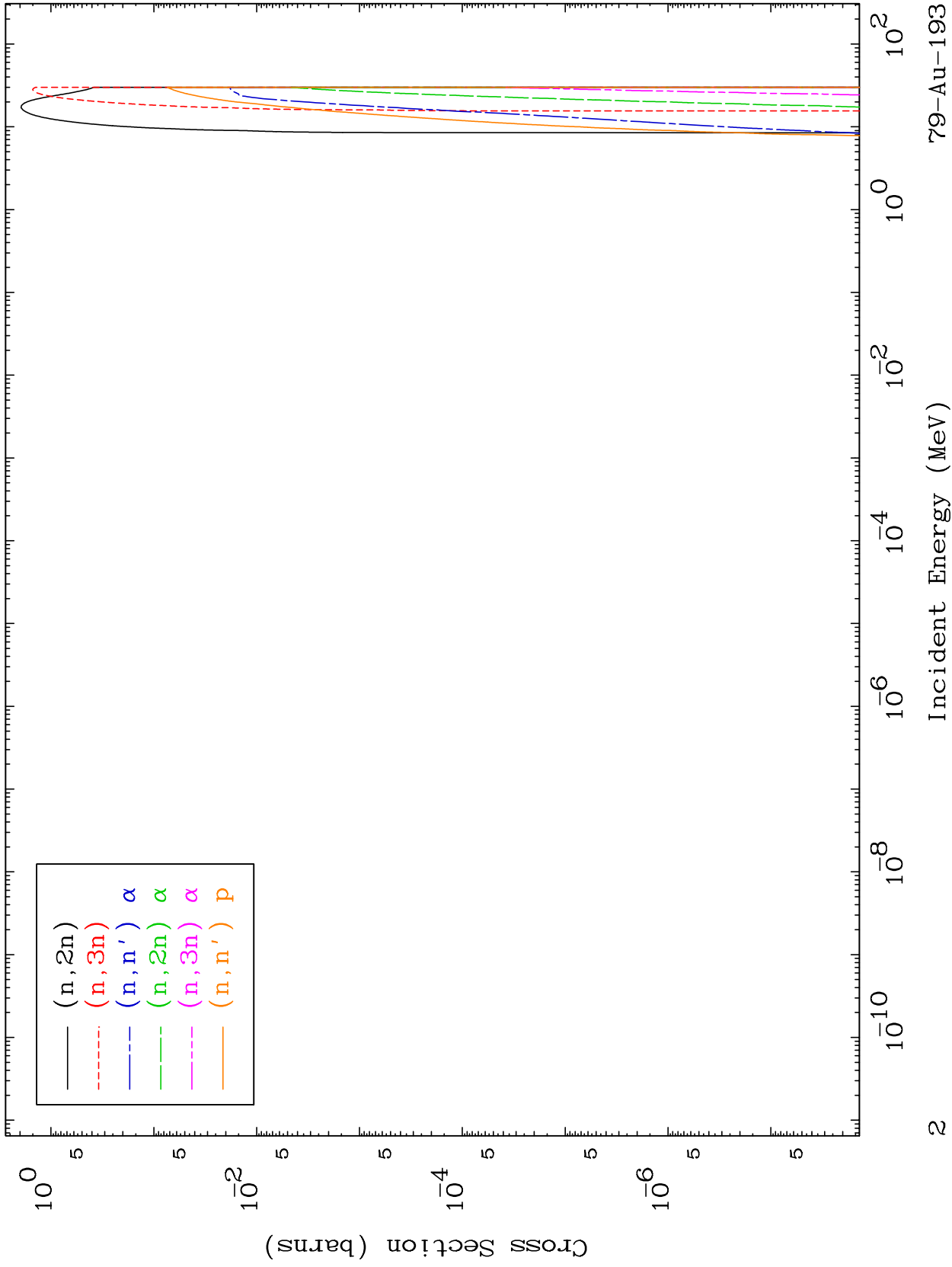
79-Au-193

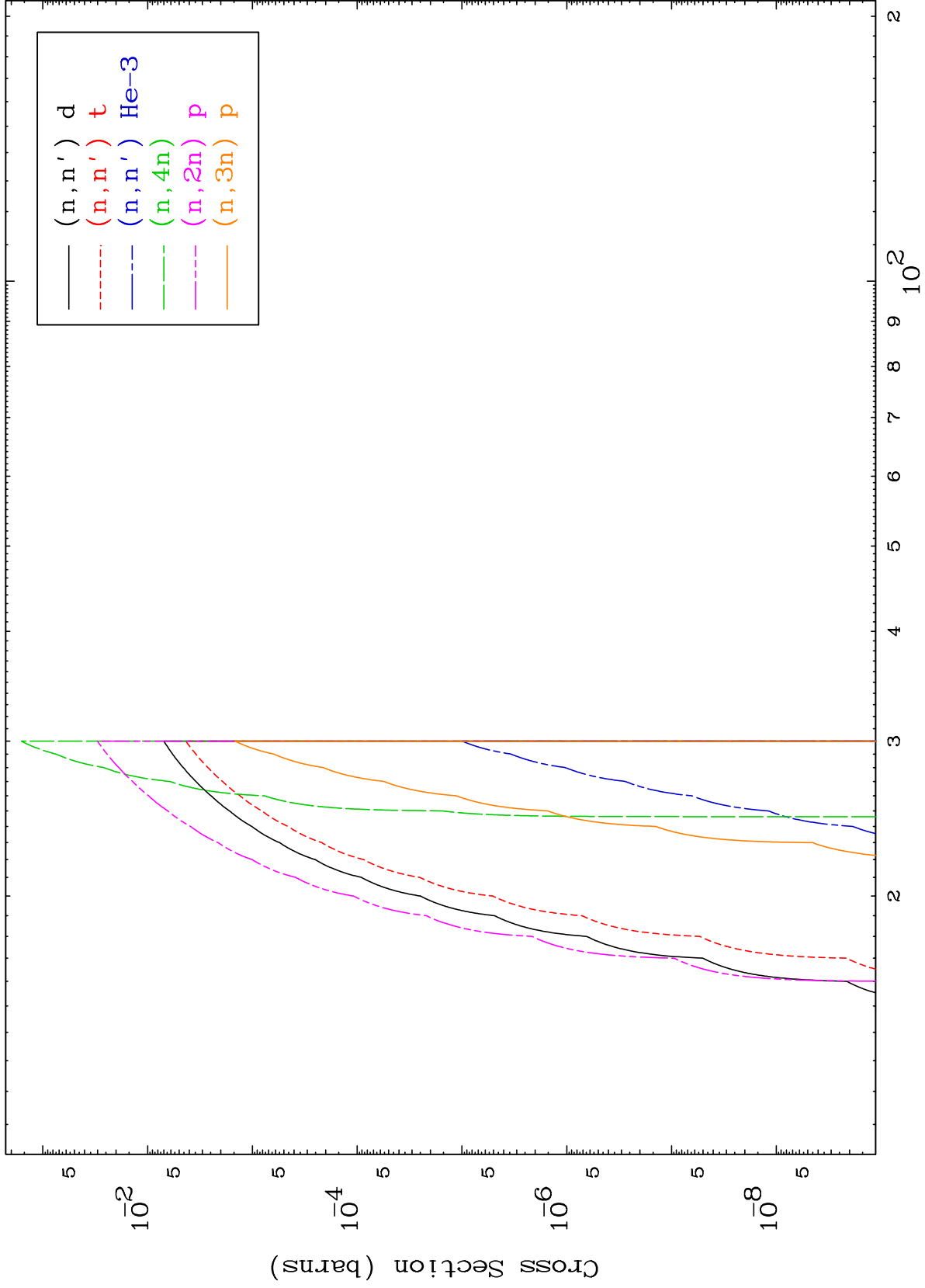


MAT 7914

Neutron Production
293 Kelvin Cross Sections

79-Au-193

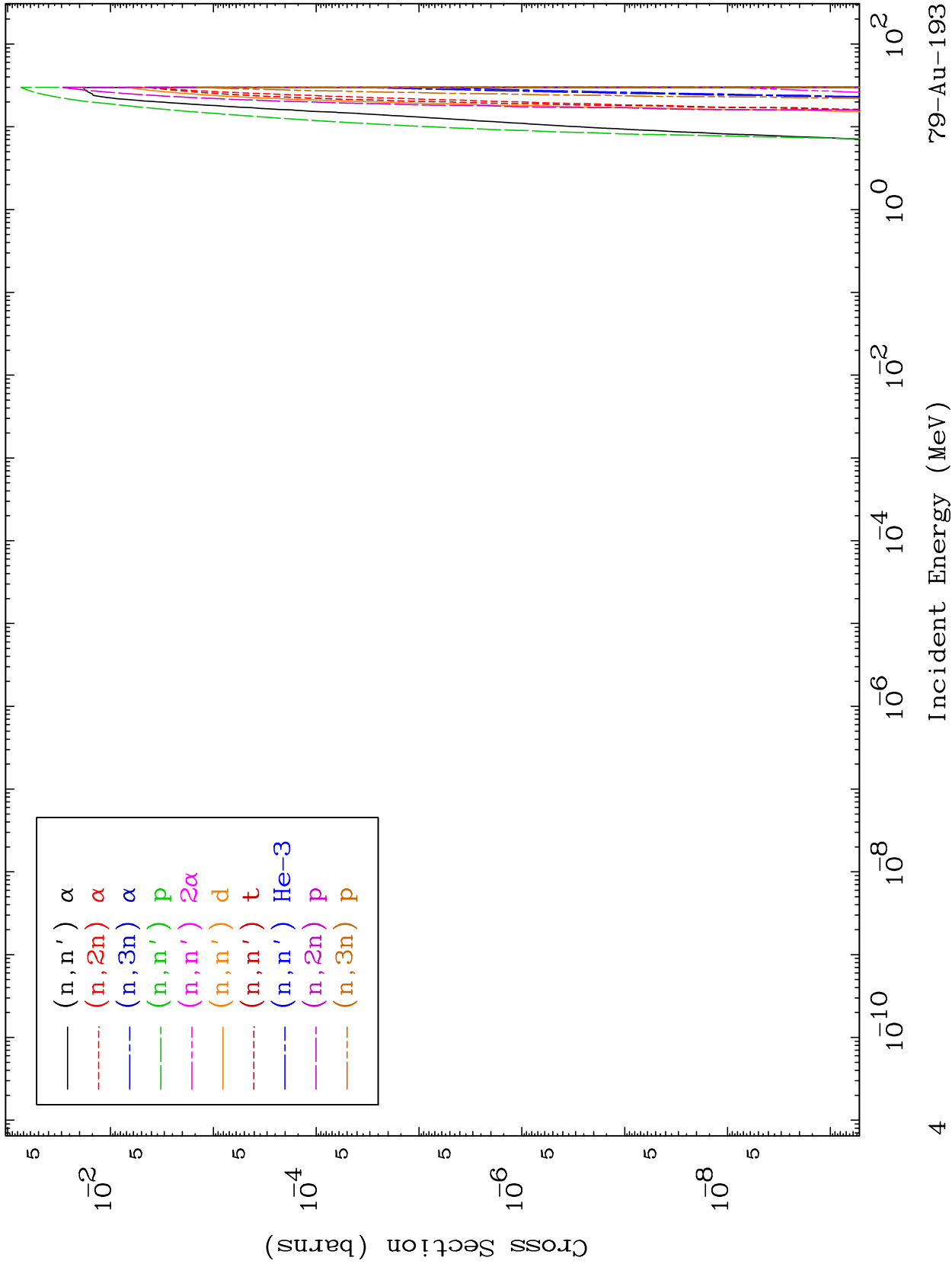


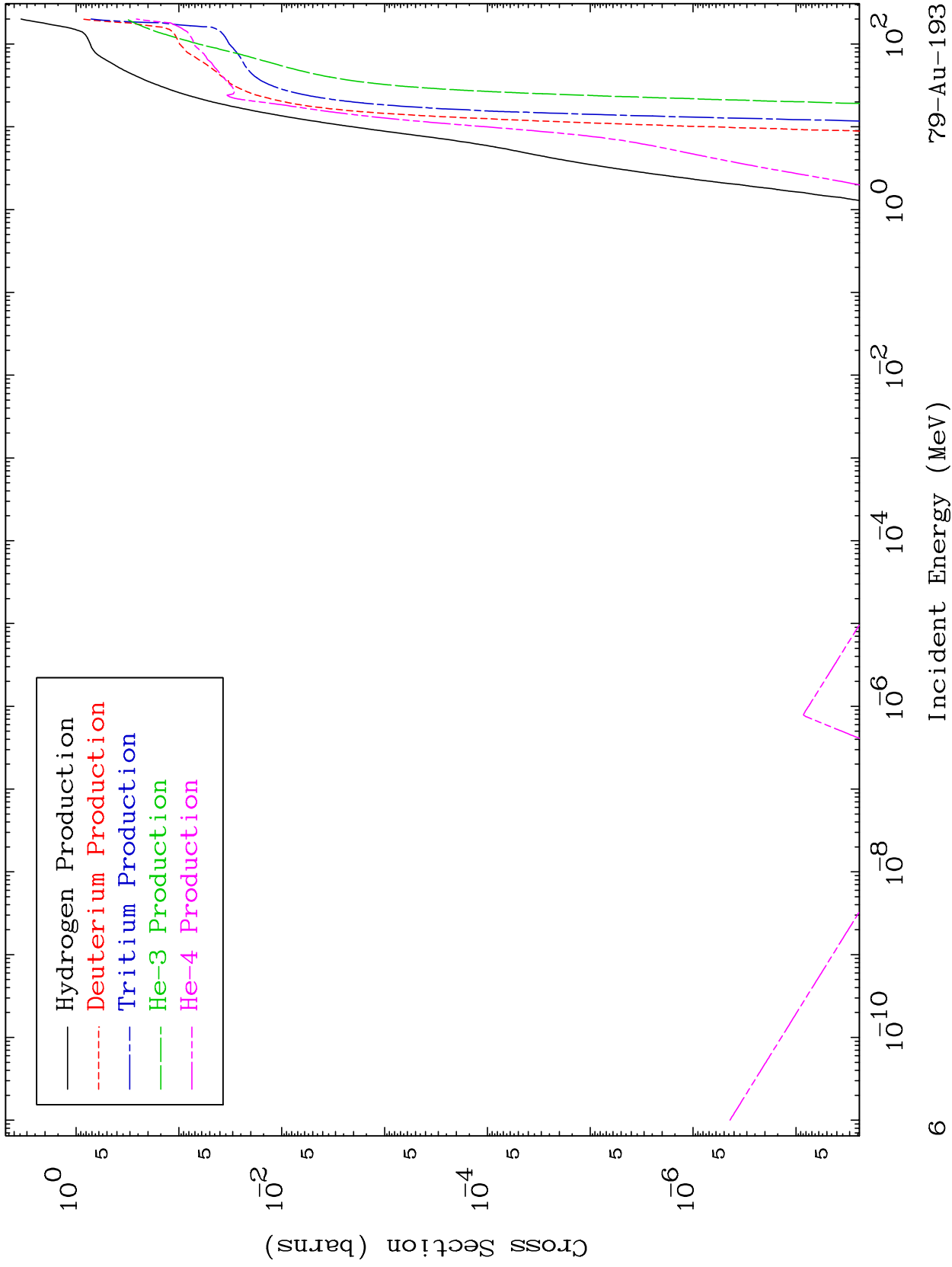


MAT 7914

Charged Particle
293 Kelvin Cross Sections

79-Au-193

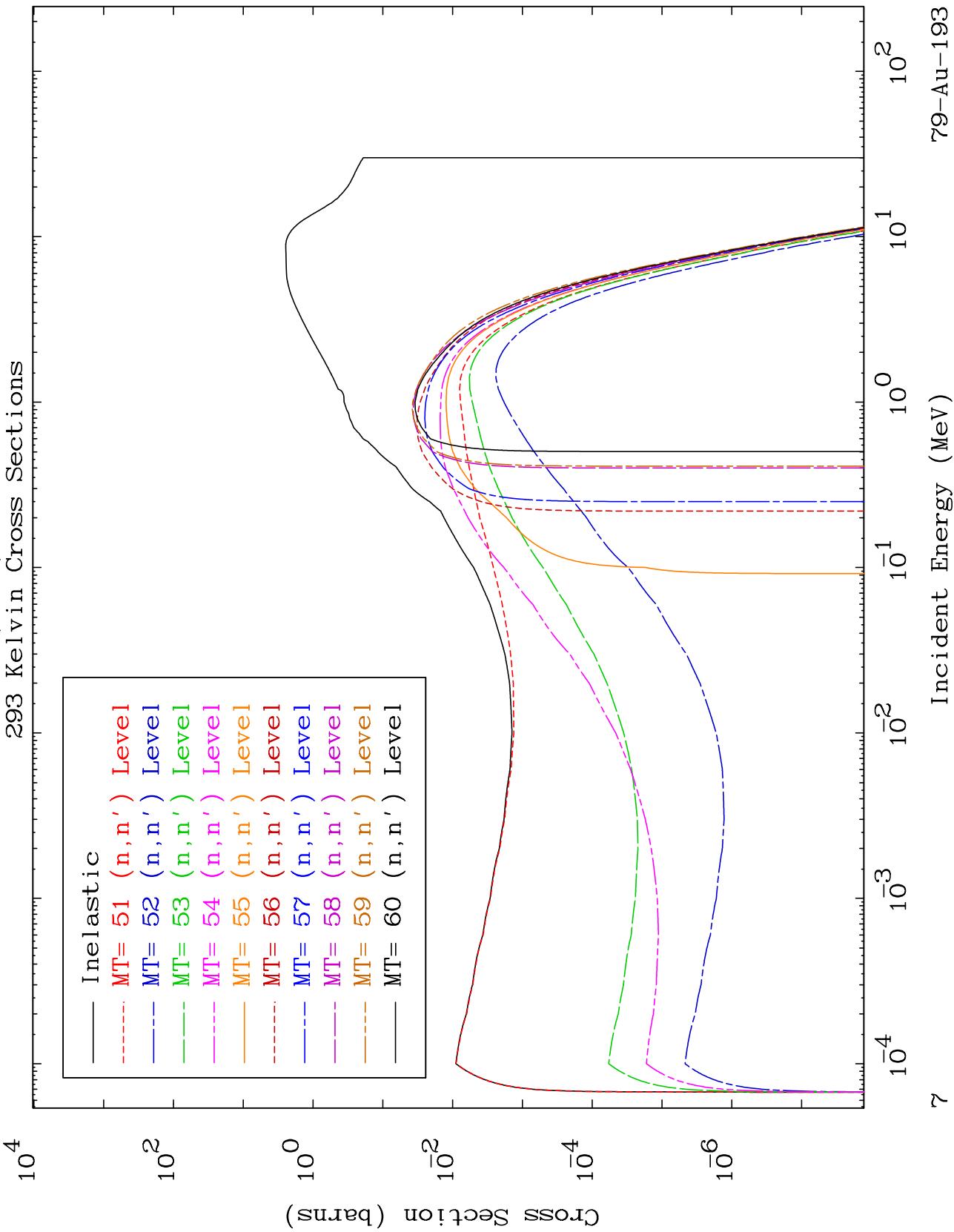




MAT 7914

(n,n') Level

79-Au-193

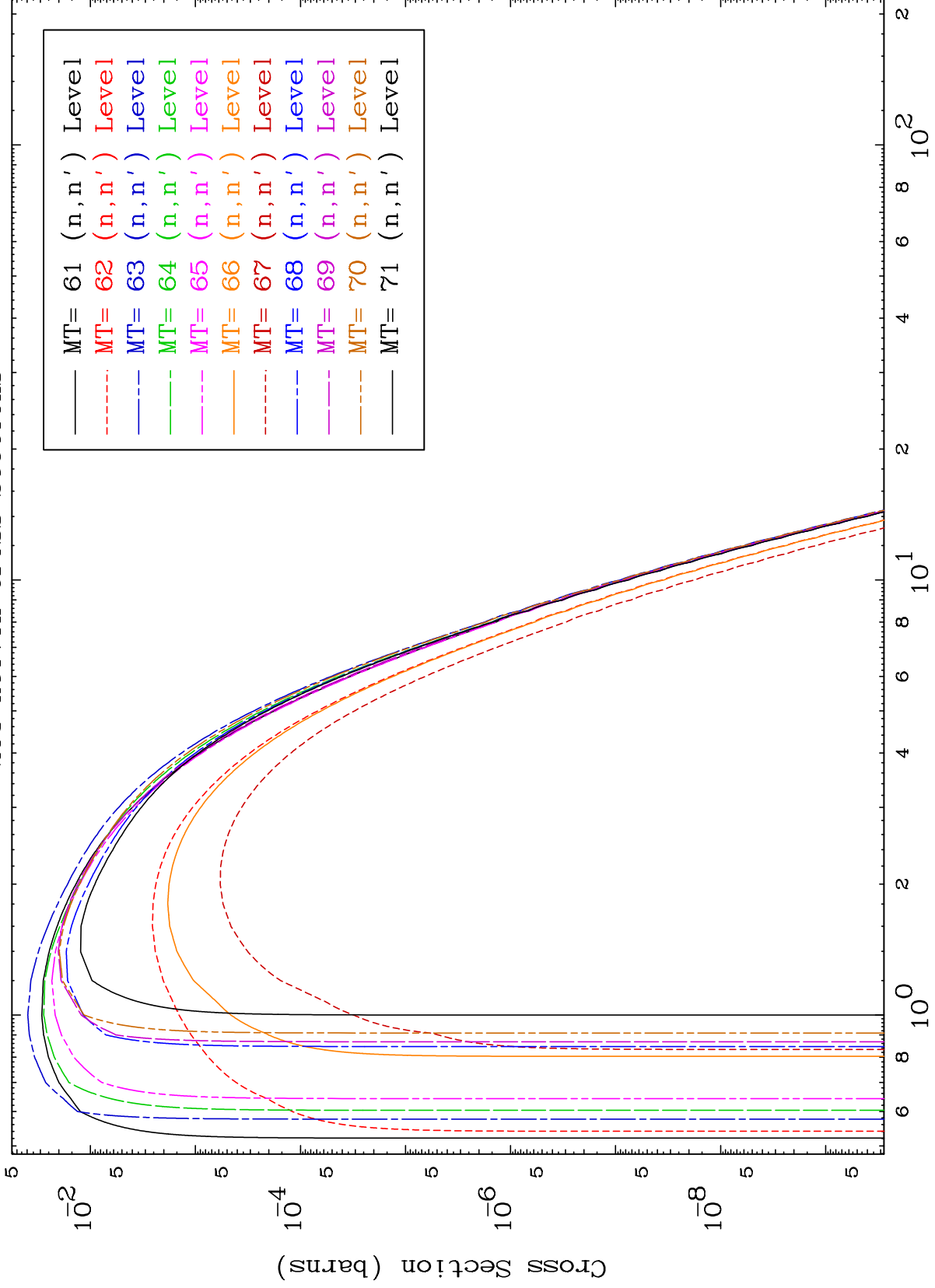


MAT 7914

(n,n') Level

79-Au-193

293 Kelvin Cross Sections



8

Incident Energy (MeV)

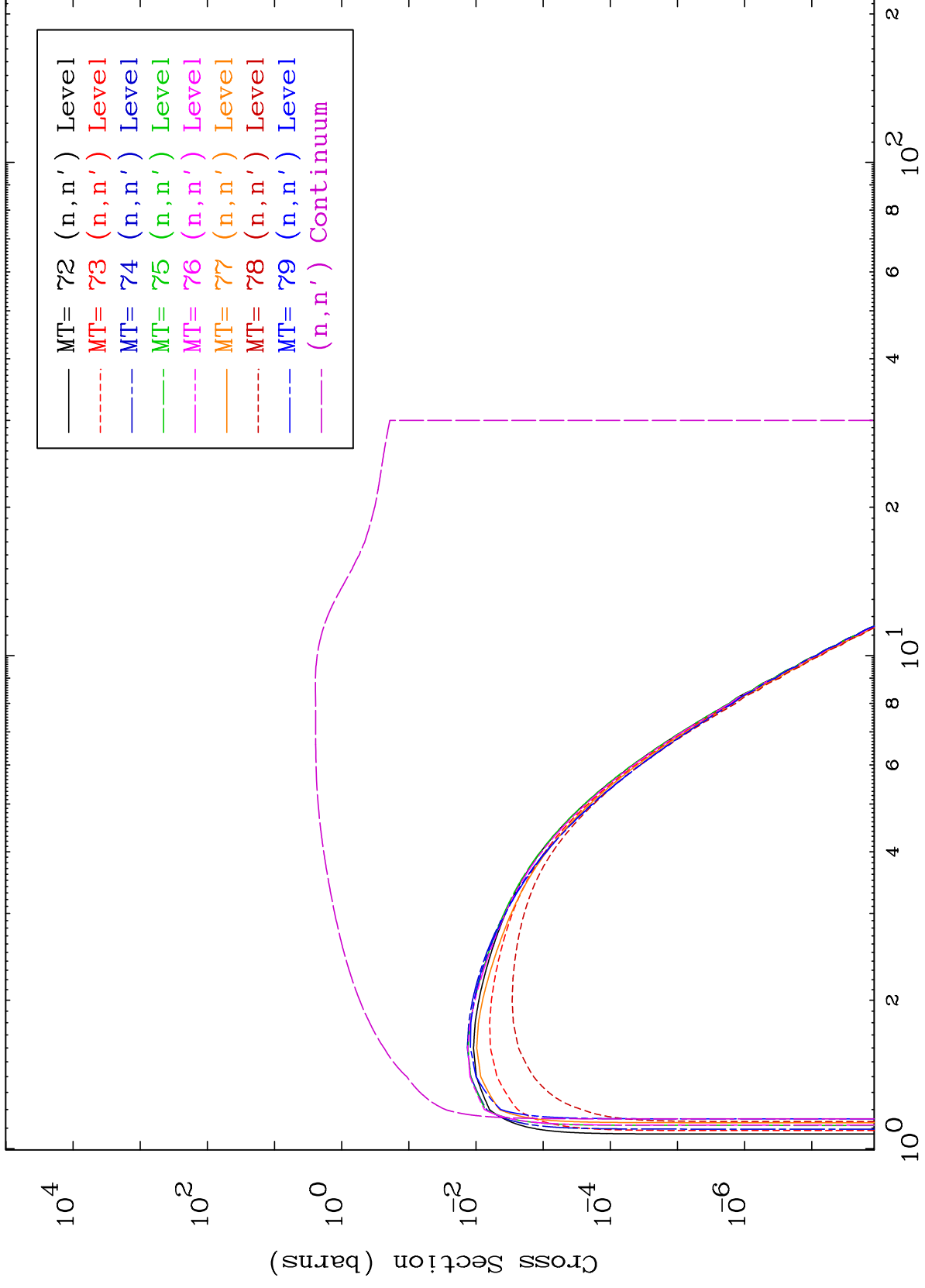
79-Au-193

MAT 7914

(n,n') Level

79-Au-193

293 Kelvin Cross Sections



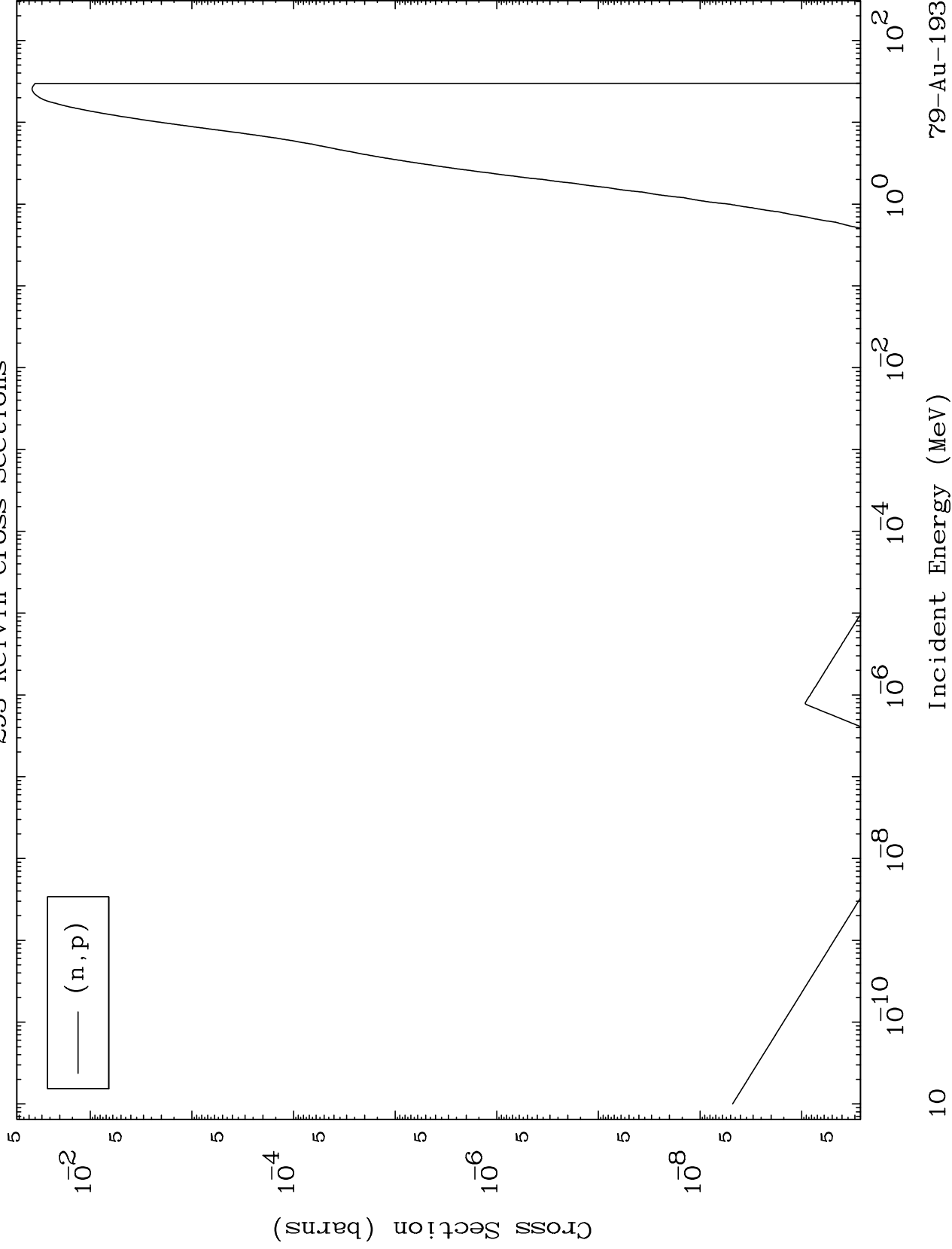
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,p) Levels
293 Kelvin Cross Sections

79-Au-193



10

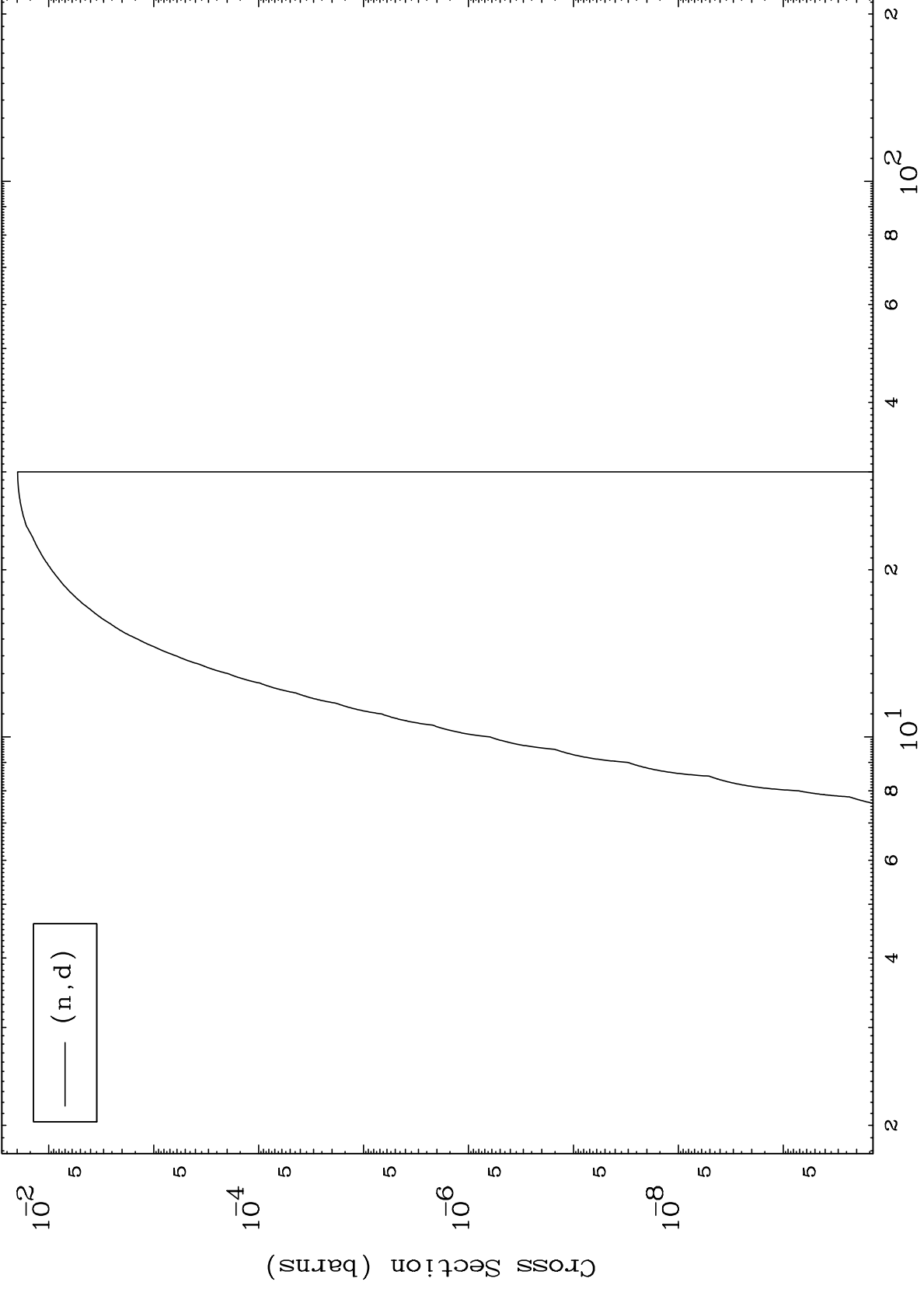
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,d) Levels
293 Kelvin Cross Sections

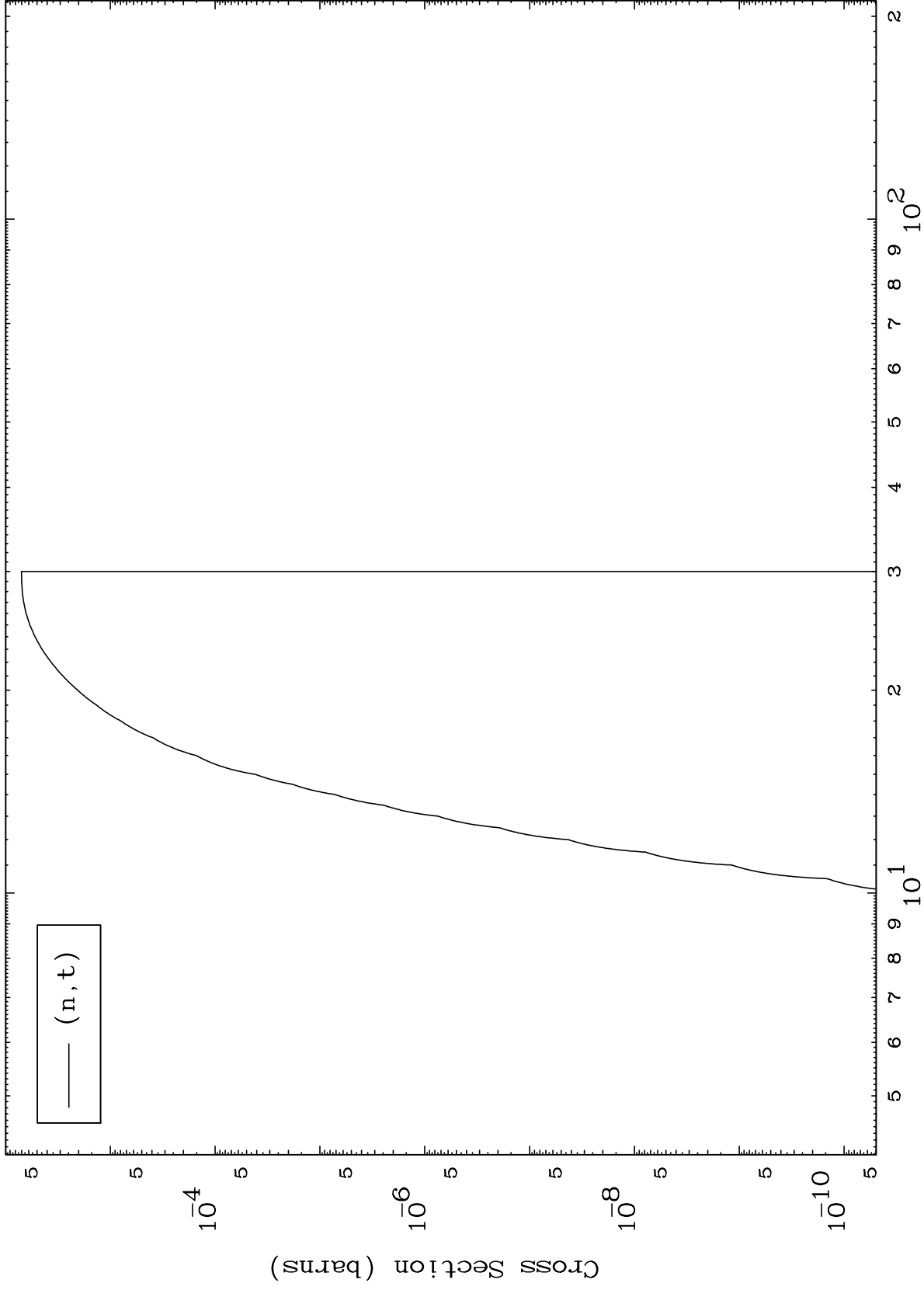
79-Au-193



MAT 7914

(n,t) Levels
293 Kelvin Cross Sections

79-Au-193



12

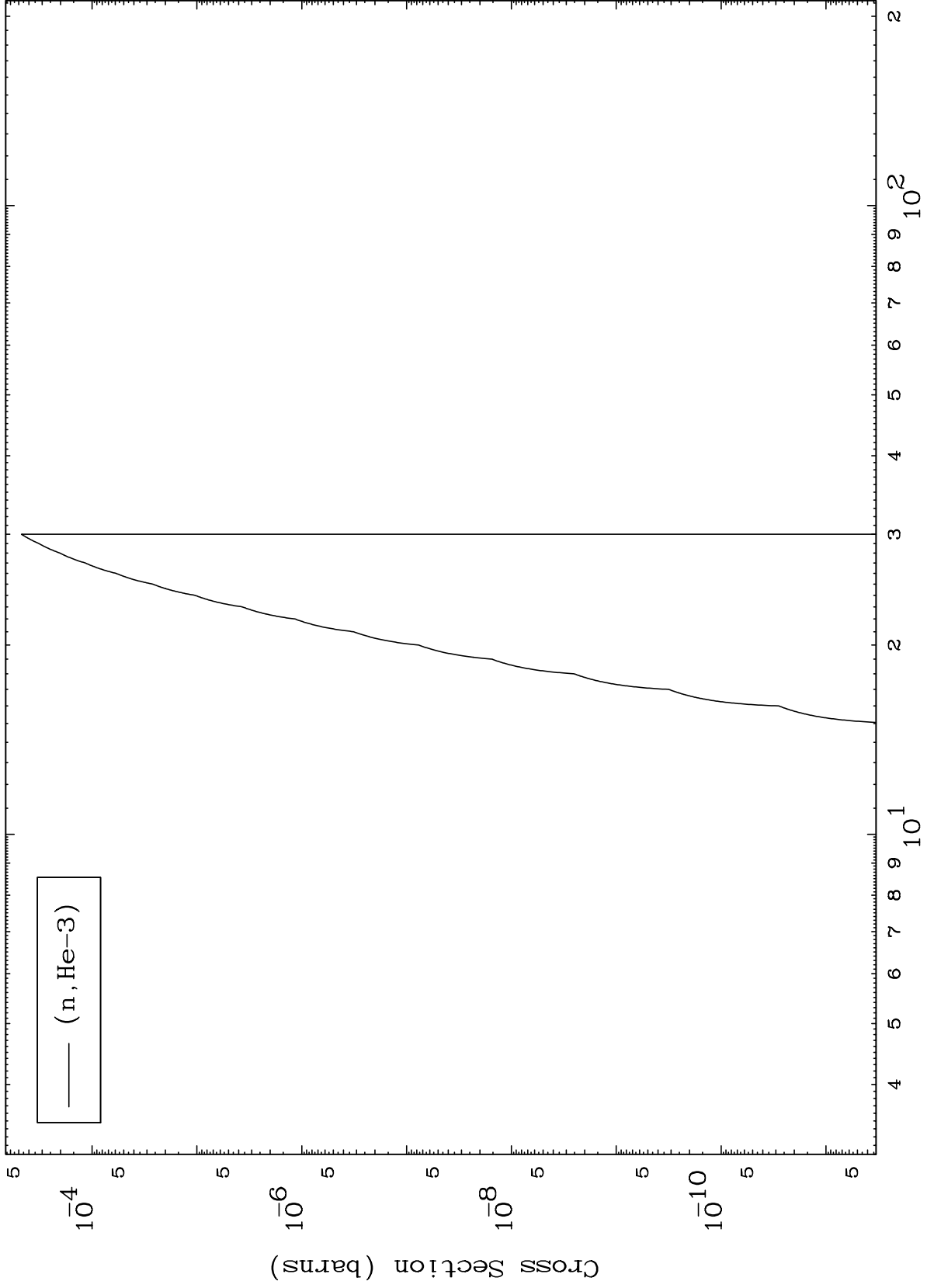
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-193



13

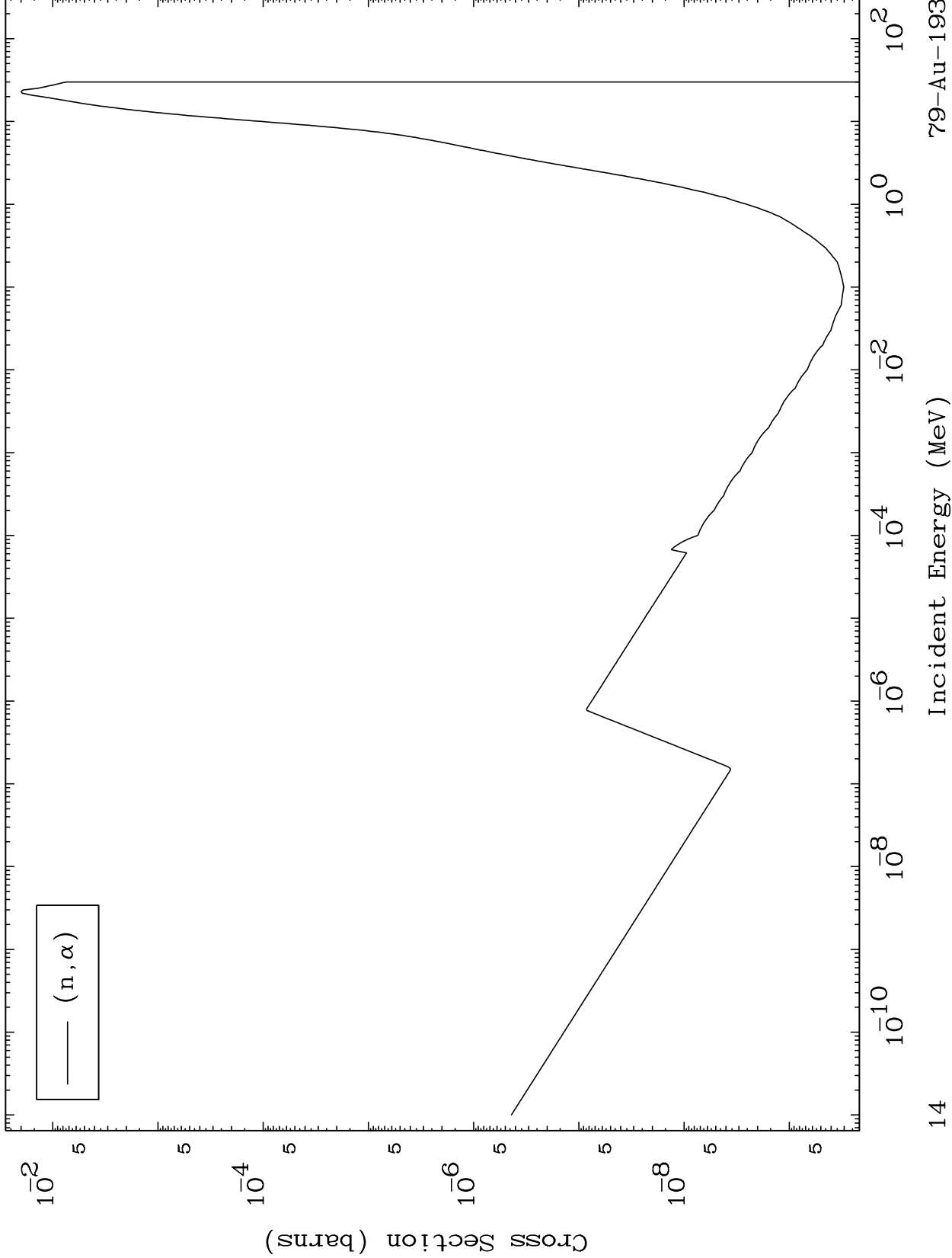
Incident Energy (MeV)

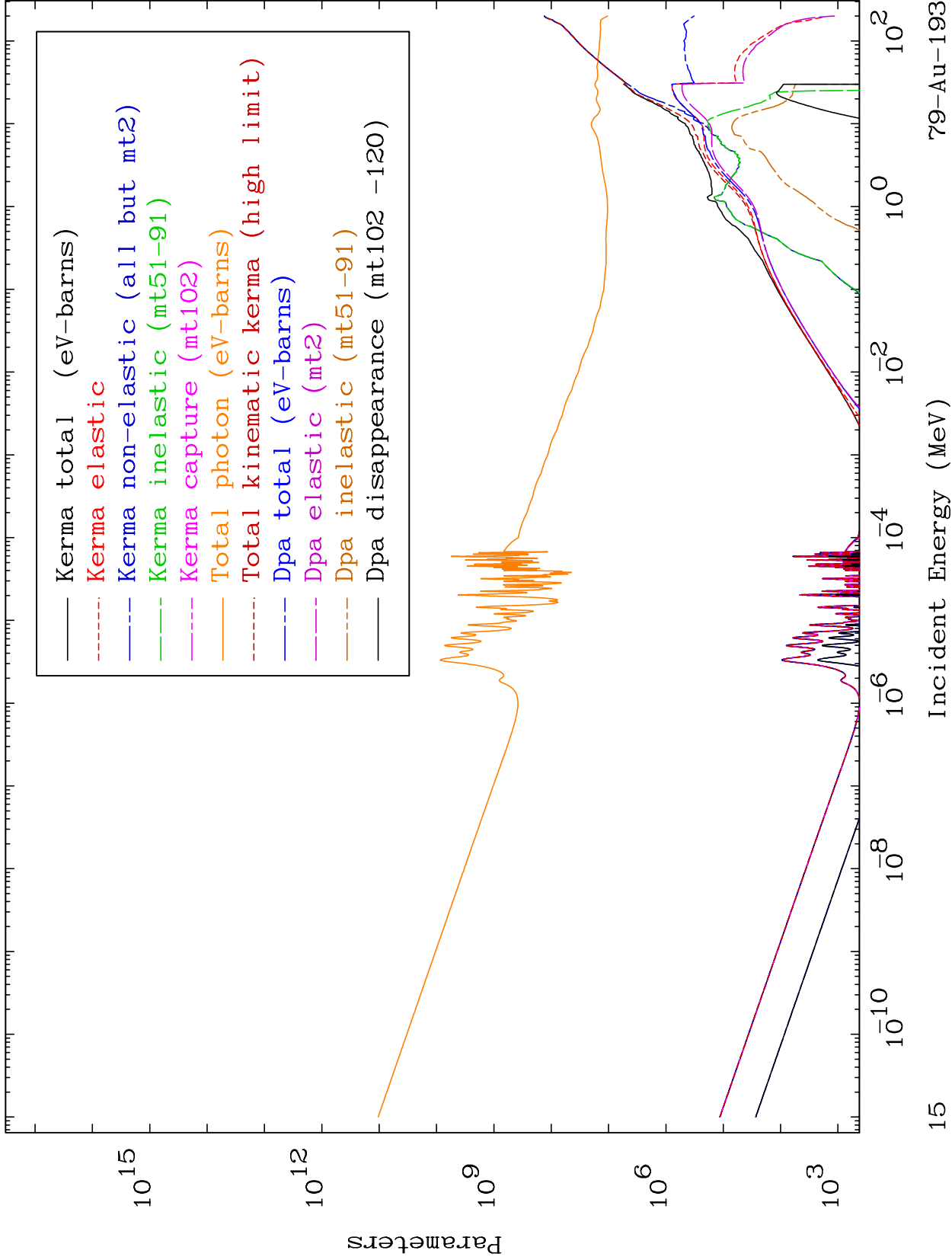
79-Au-193

MAT 7914

(n, α) Levels
293 Kelvin Cross Sections

79-Au-193

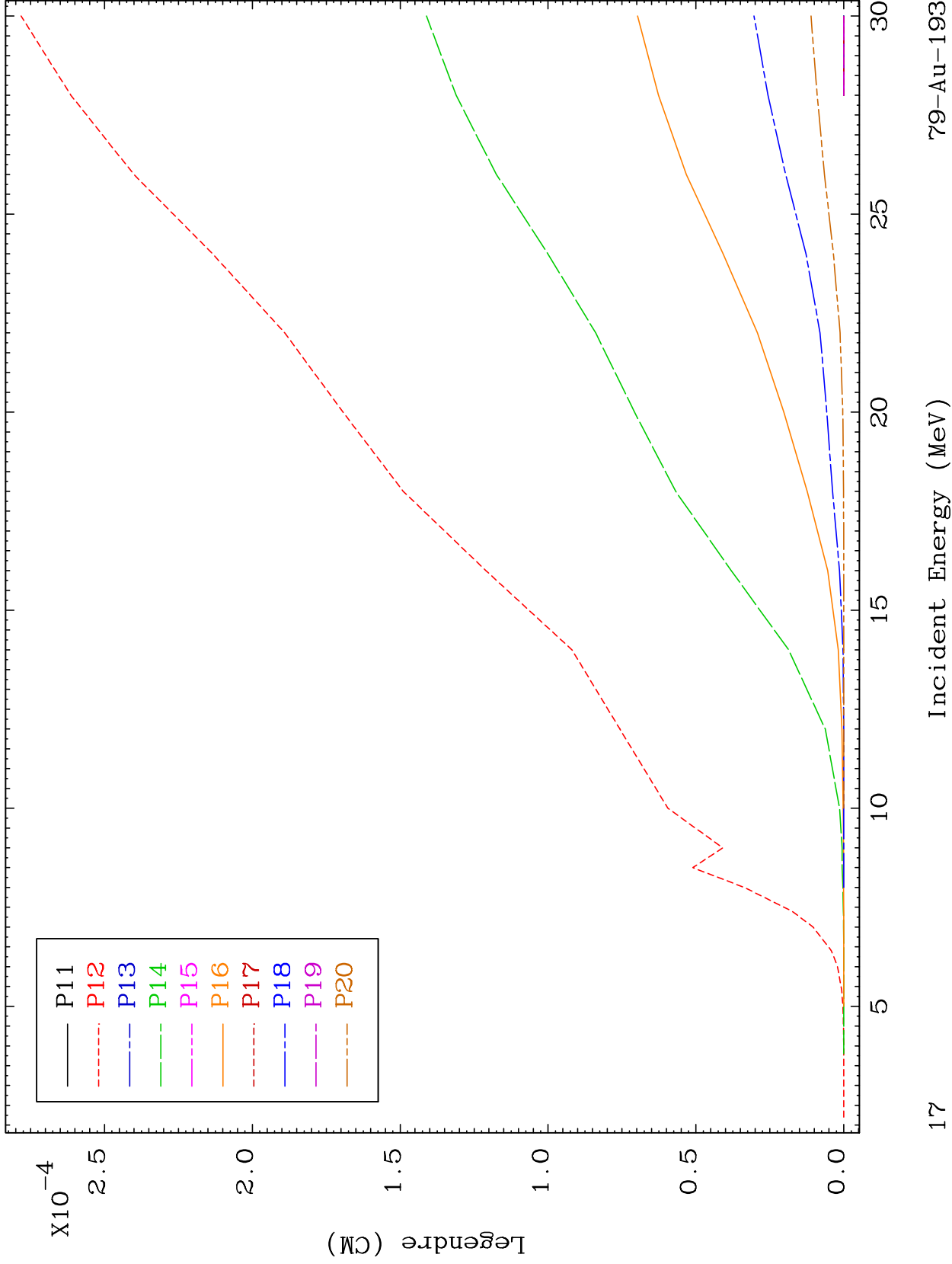




MAT 7914

Elastic Legendre Coefficients

79-Au-193



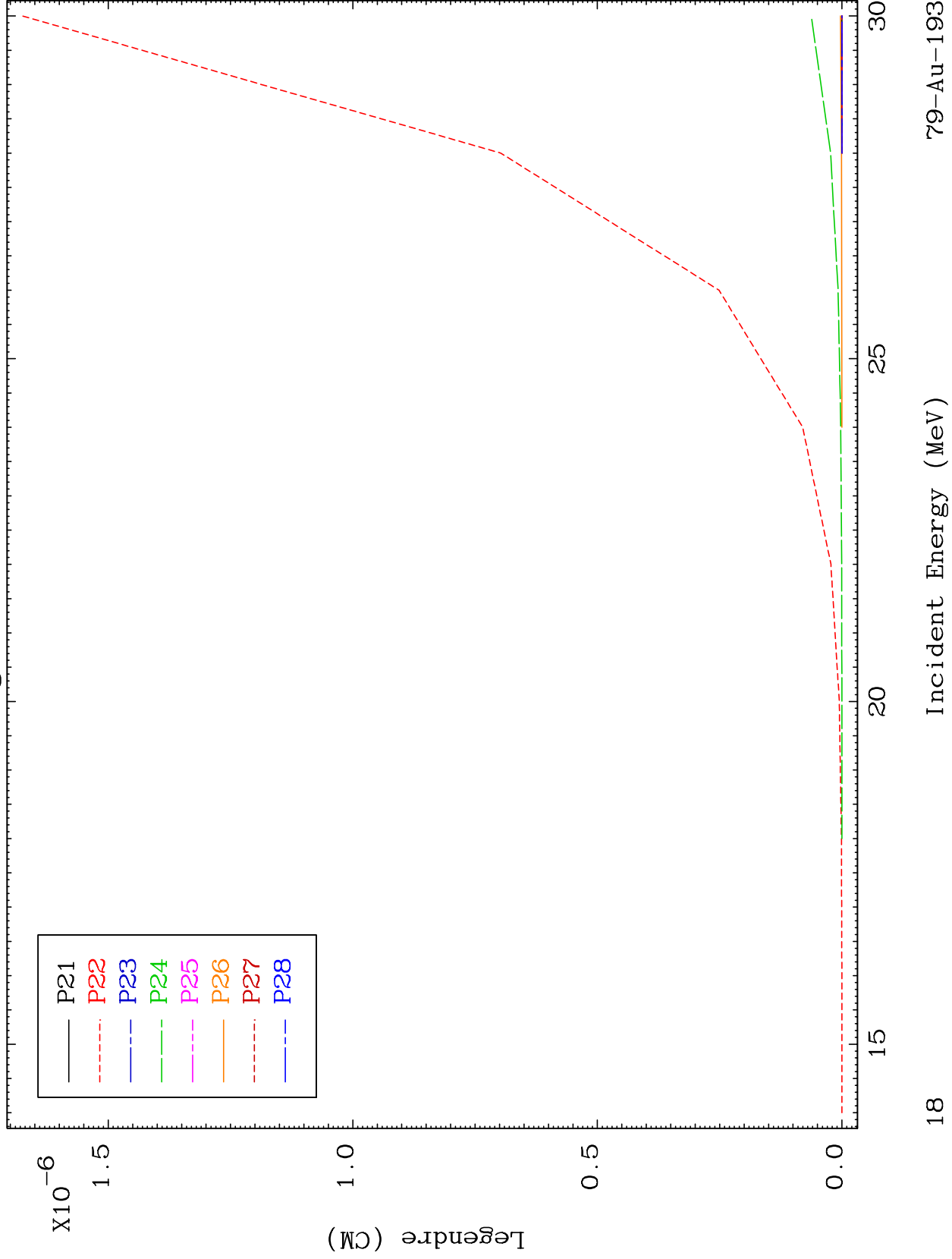
17

79-Au-193

MAT 7914

Elastic Legendre Coefficients

79-Au-193



18

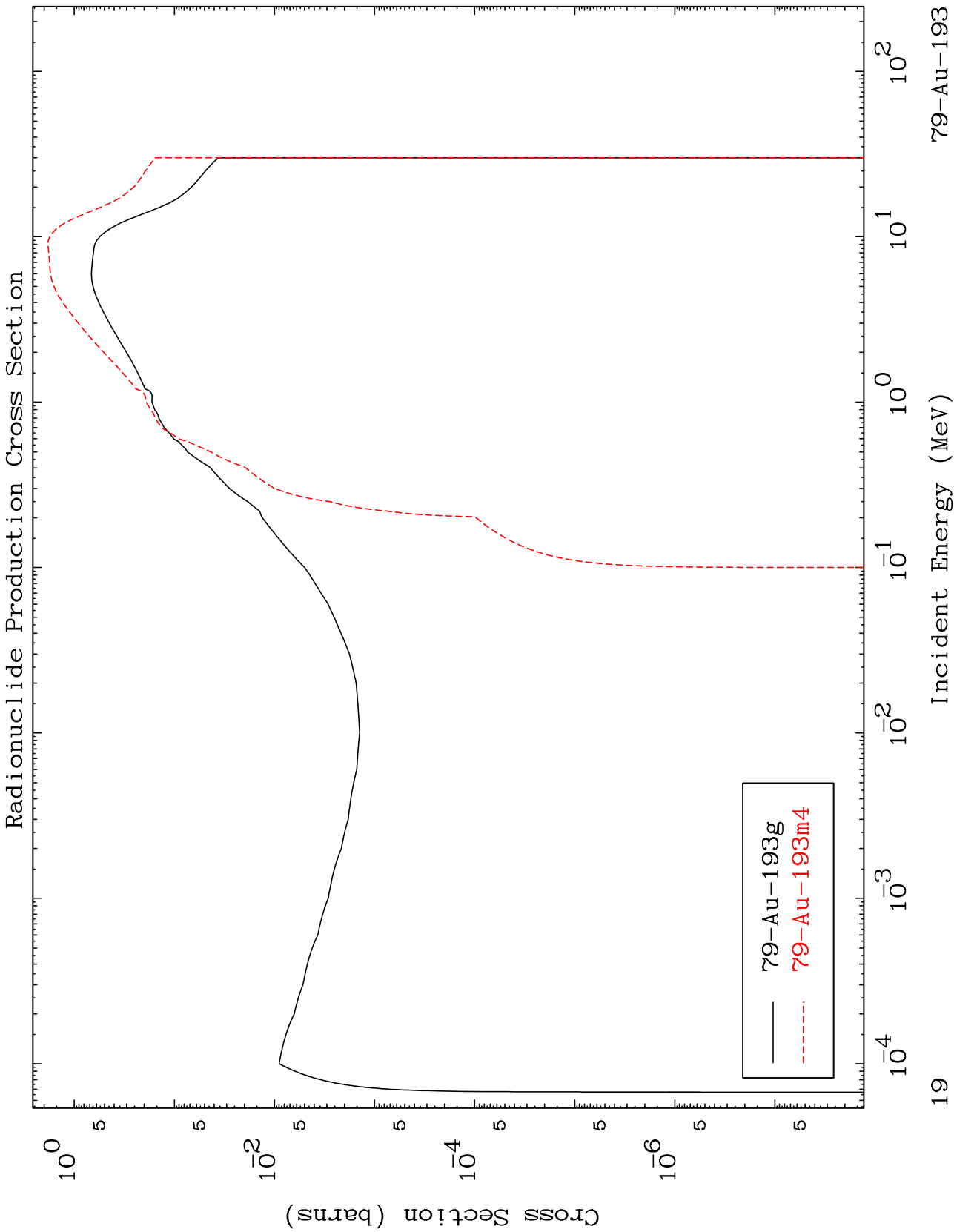
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

Inelastic
Radionuclide Production Cross Section

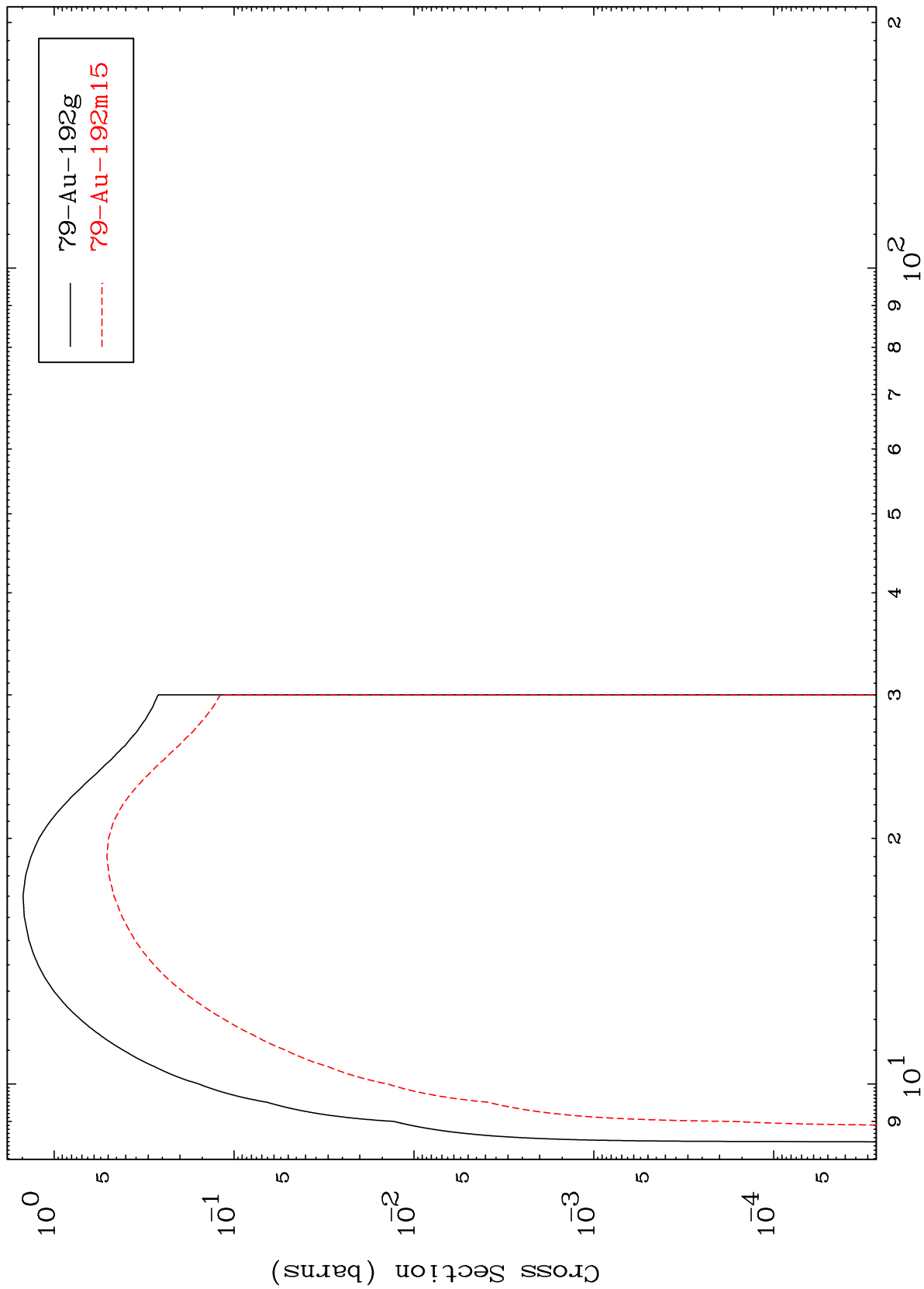


19

MAT 7914

79-Au-193

(n,2n)
Radionuclide Production Cross Section



79-Au-193

Incident Energy (MeV)

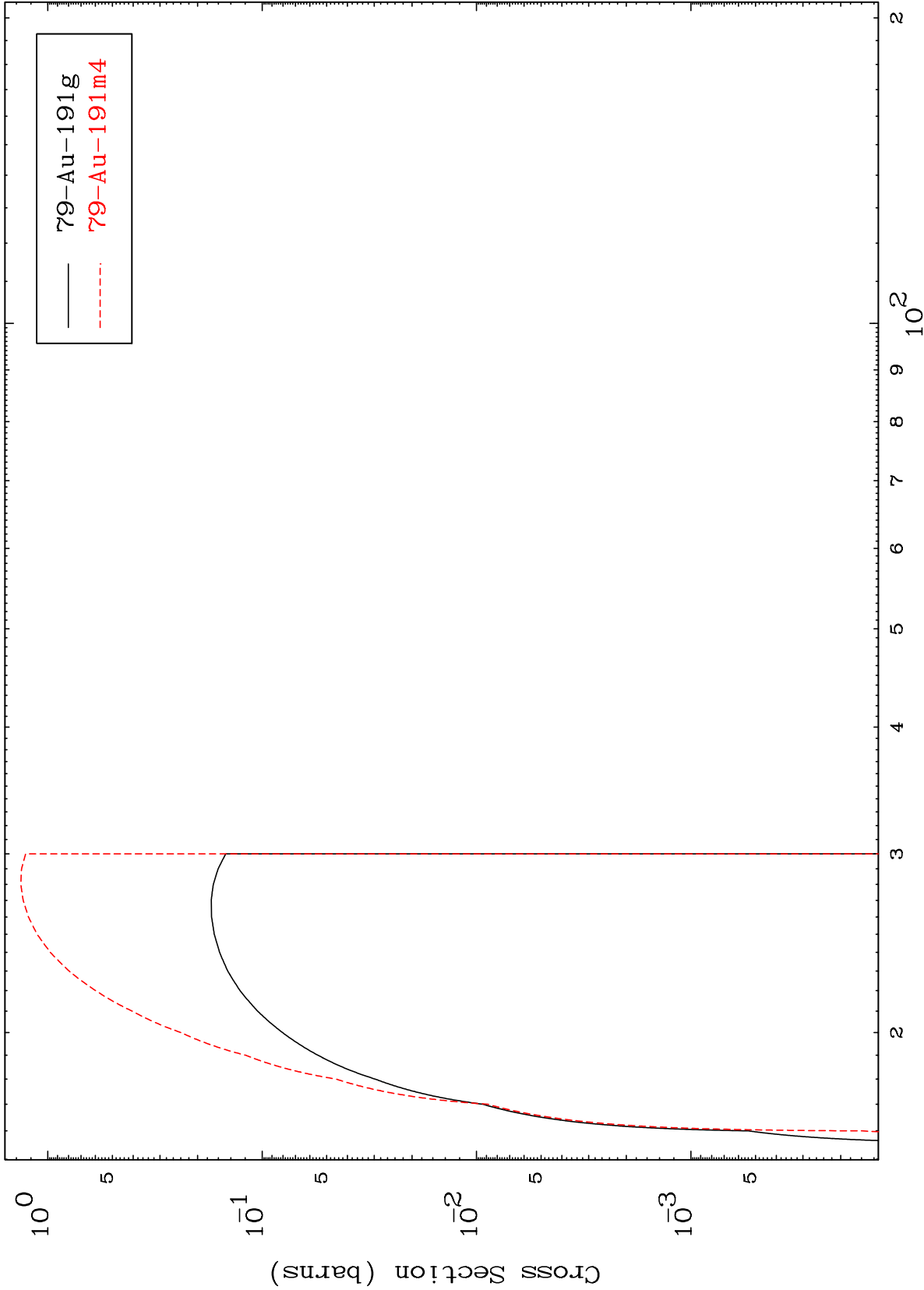
20

MAT 7914

(n,3n)

79-Au-193

Radionuclide Production Cross Section



21

Incident Energy (MeV)

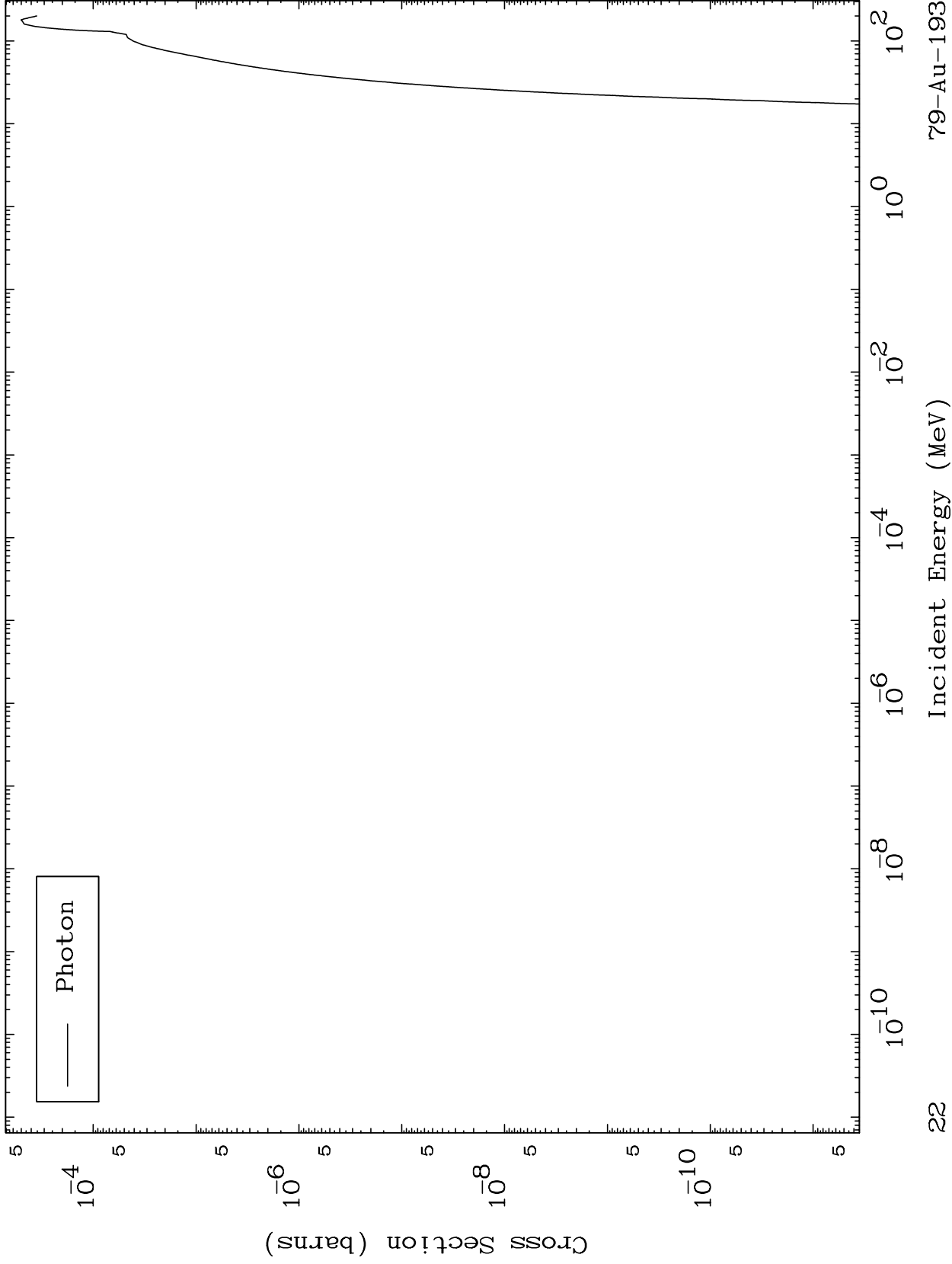
79-Au-193

MAT 7914

Fission

79-Au-193

Radionuclide Production Cross Section

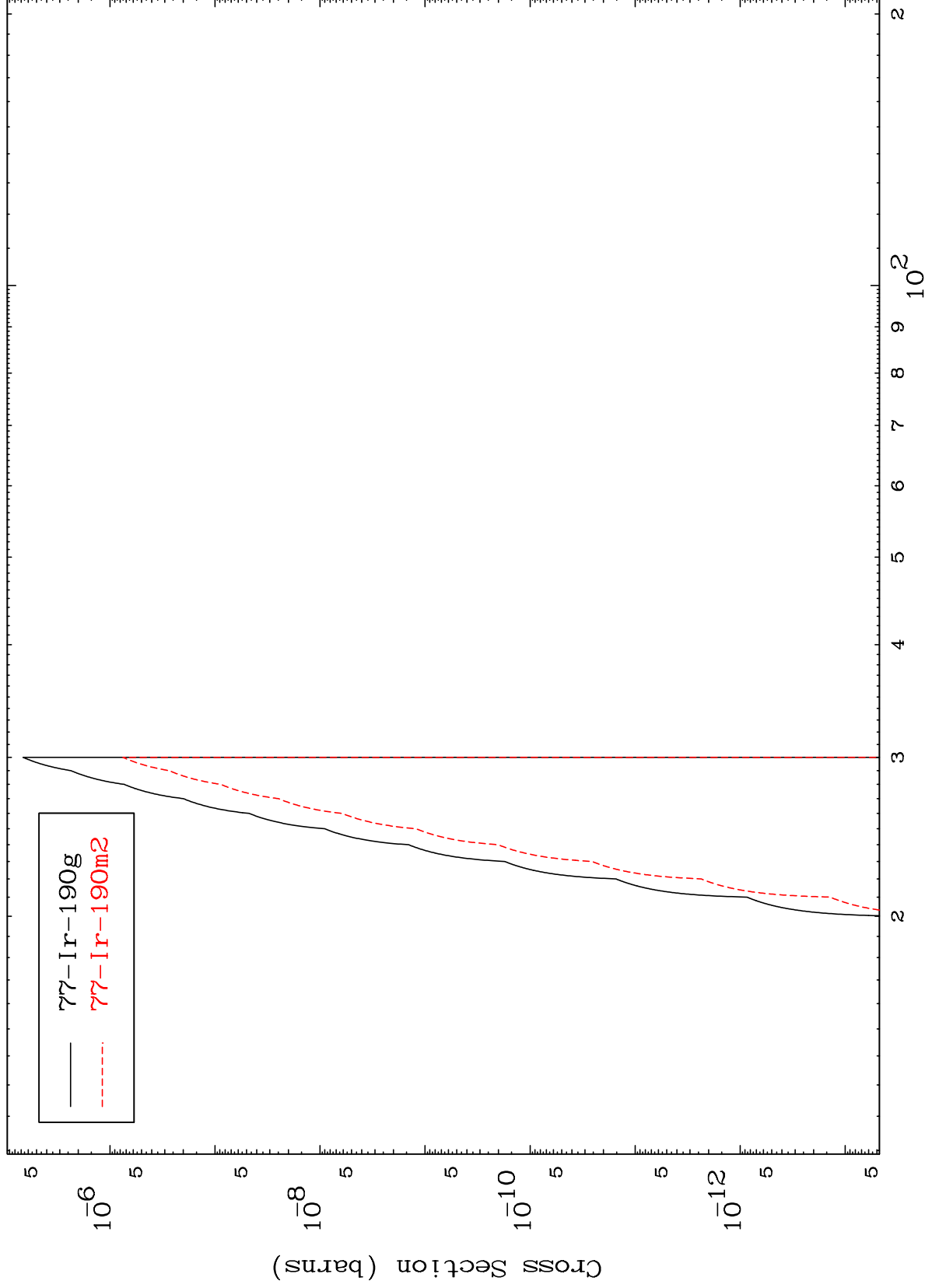


MAT 7914

(n,n') He-3

79-Au-193

Radionuclide Production Cross Section



23

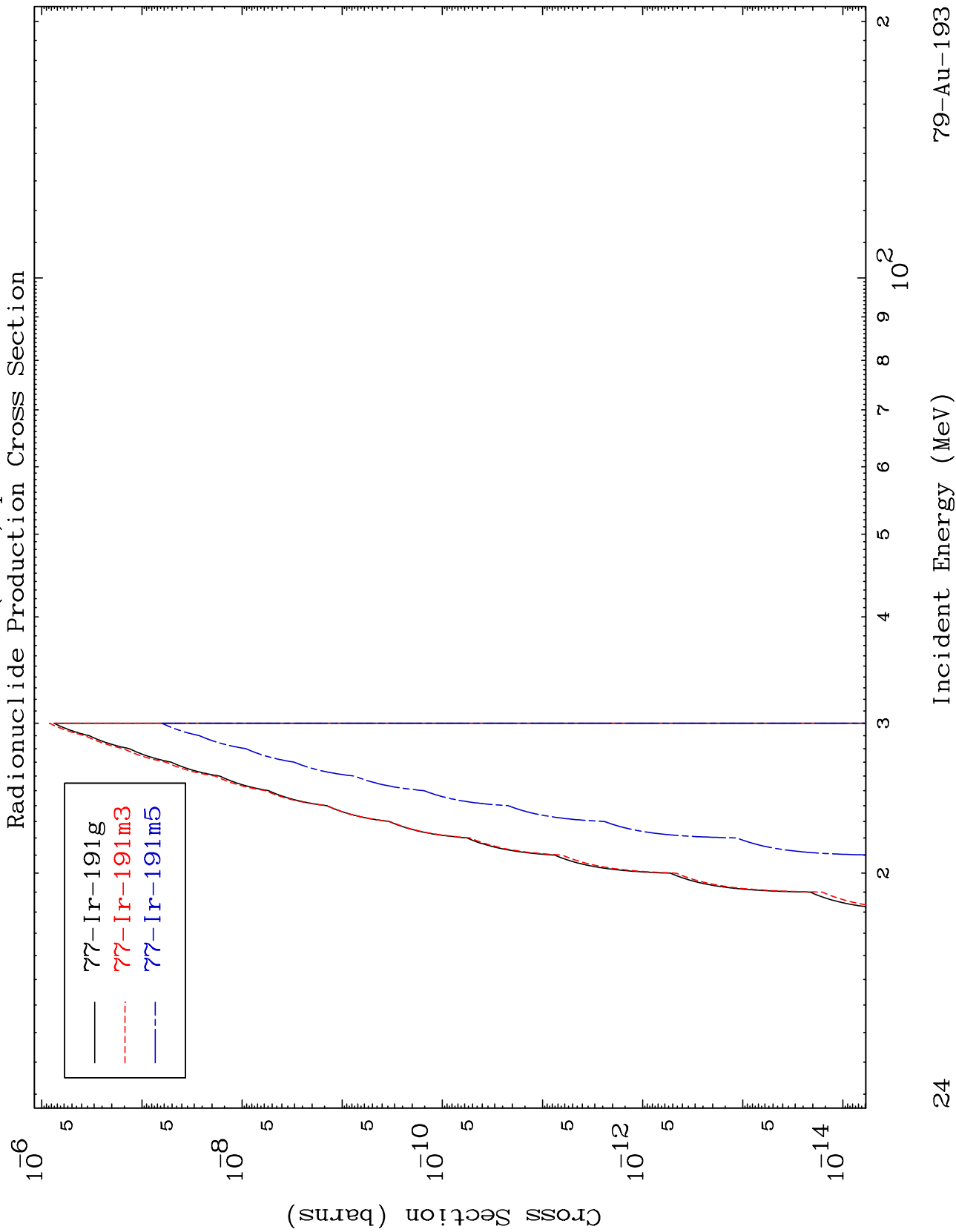
Incident Energy (MeV)

79-Au-193

MAT 7914

(n,2n) p

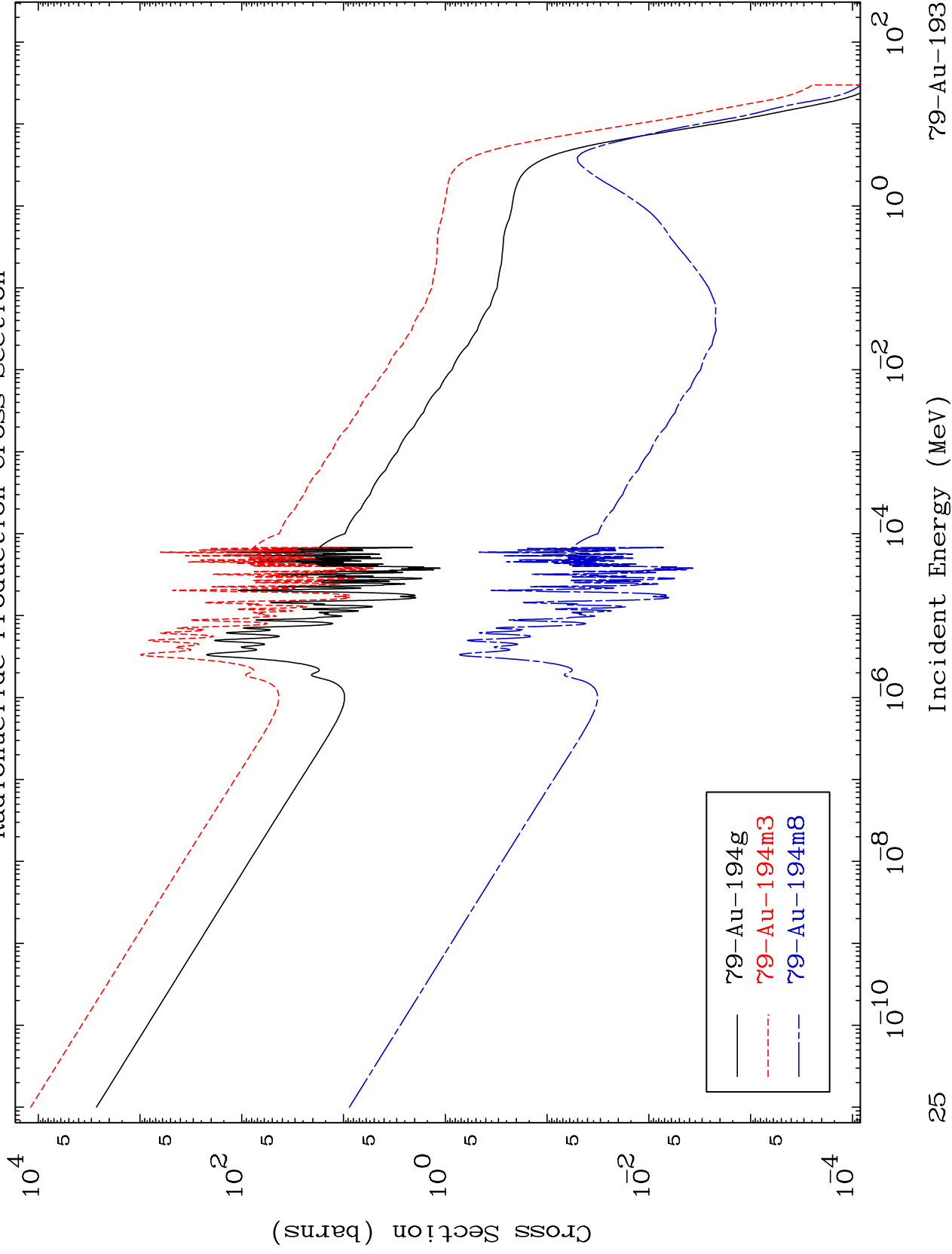
79-Au-193



MAT 7914

79-Au-193

(n,γ)
Radionuclide Production Cross Section

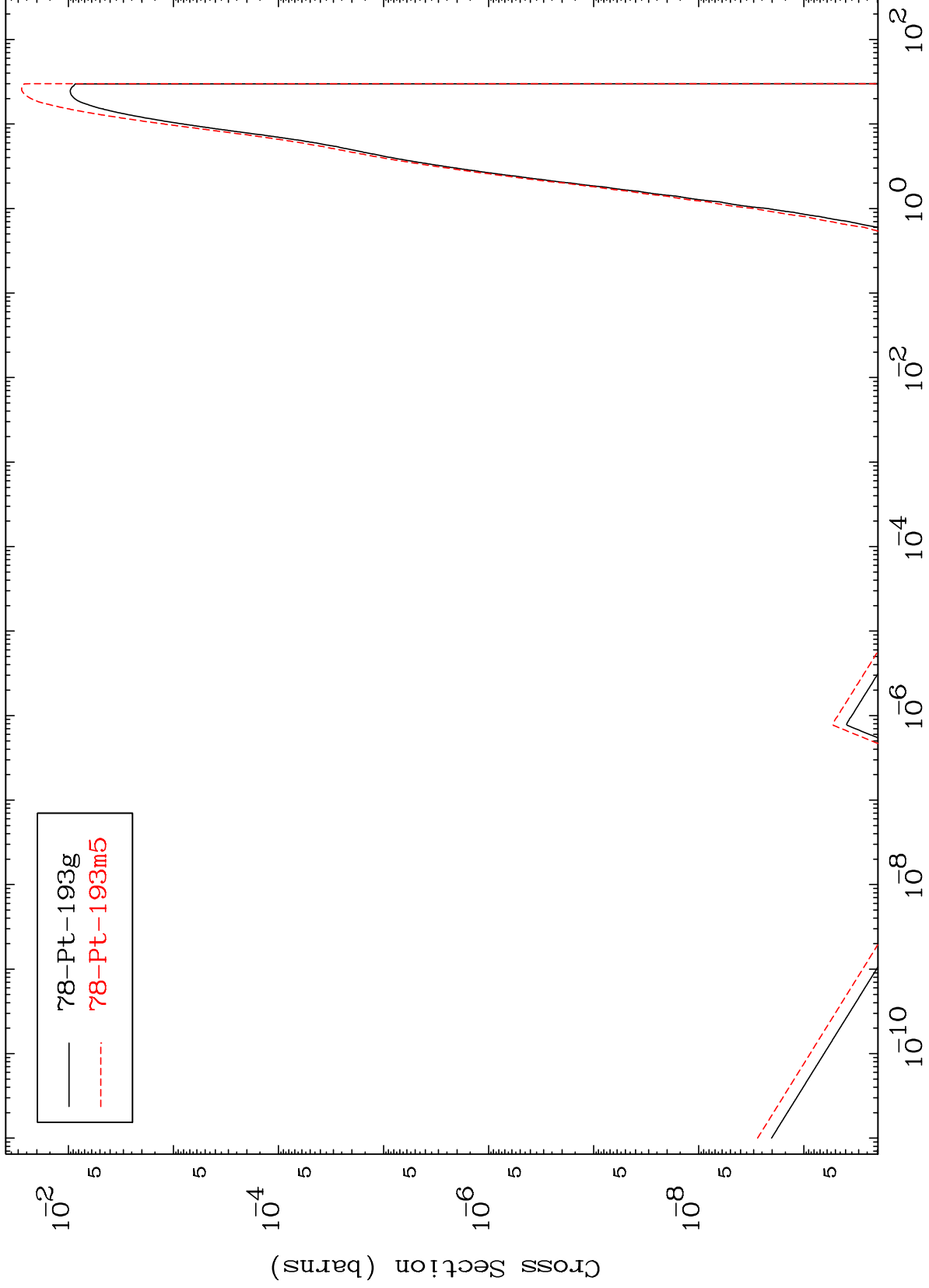


MAT 7914

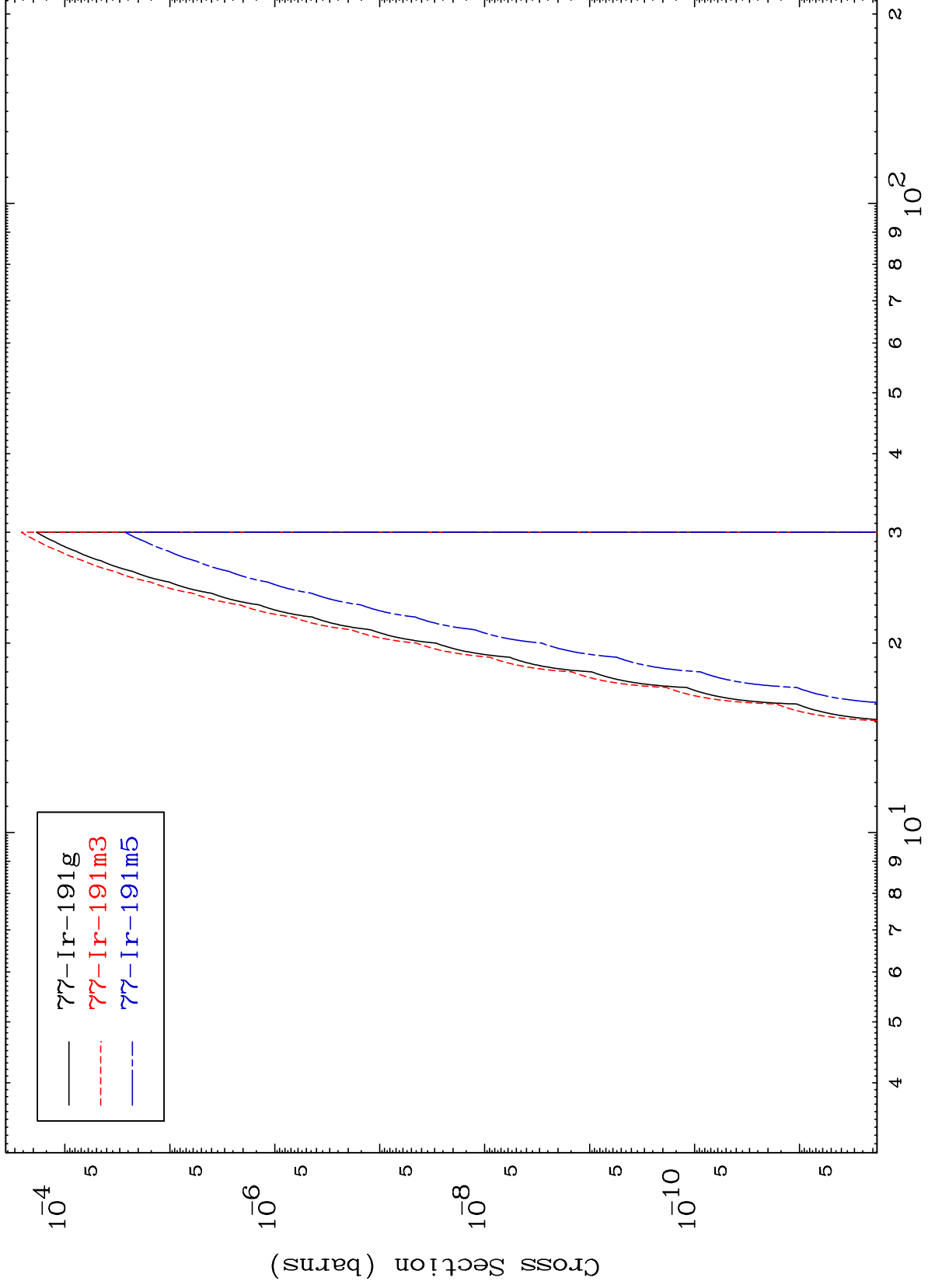
(n,p)

79-Au-193

Radionuclide Production Cross Section



Radionuclide Production Cross Section

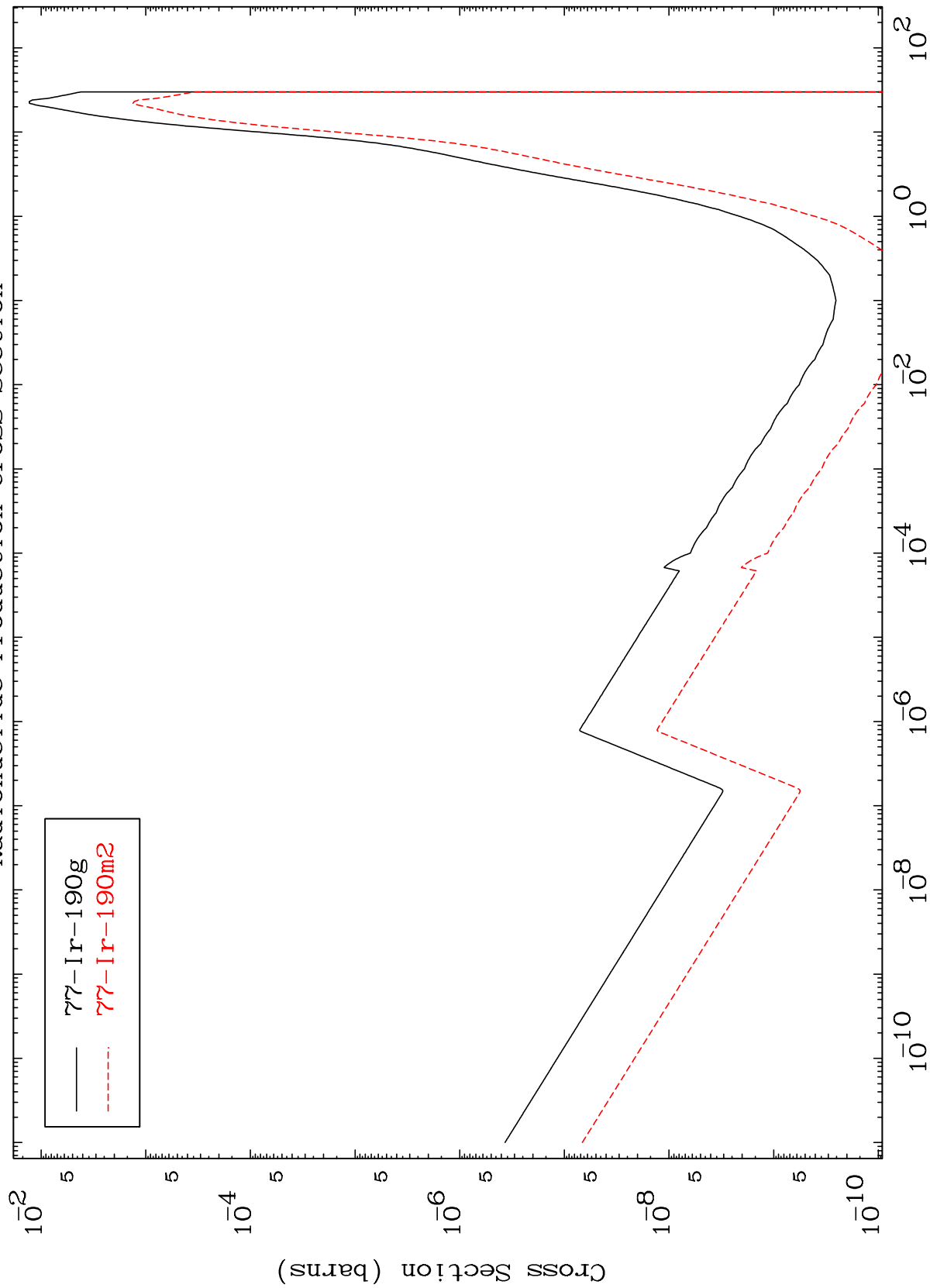


MAT 7914

(n, α)

79-Au-193

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-193

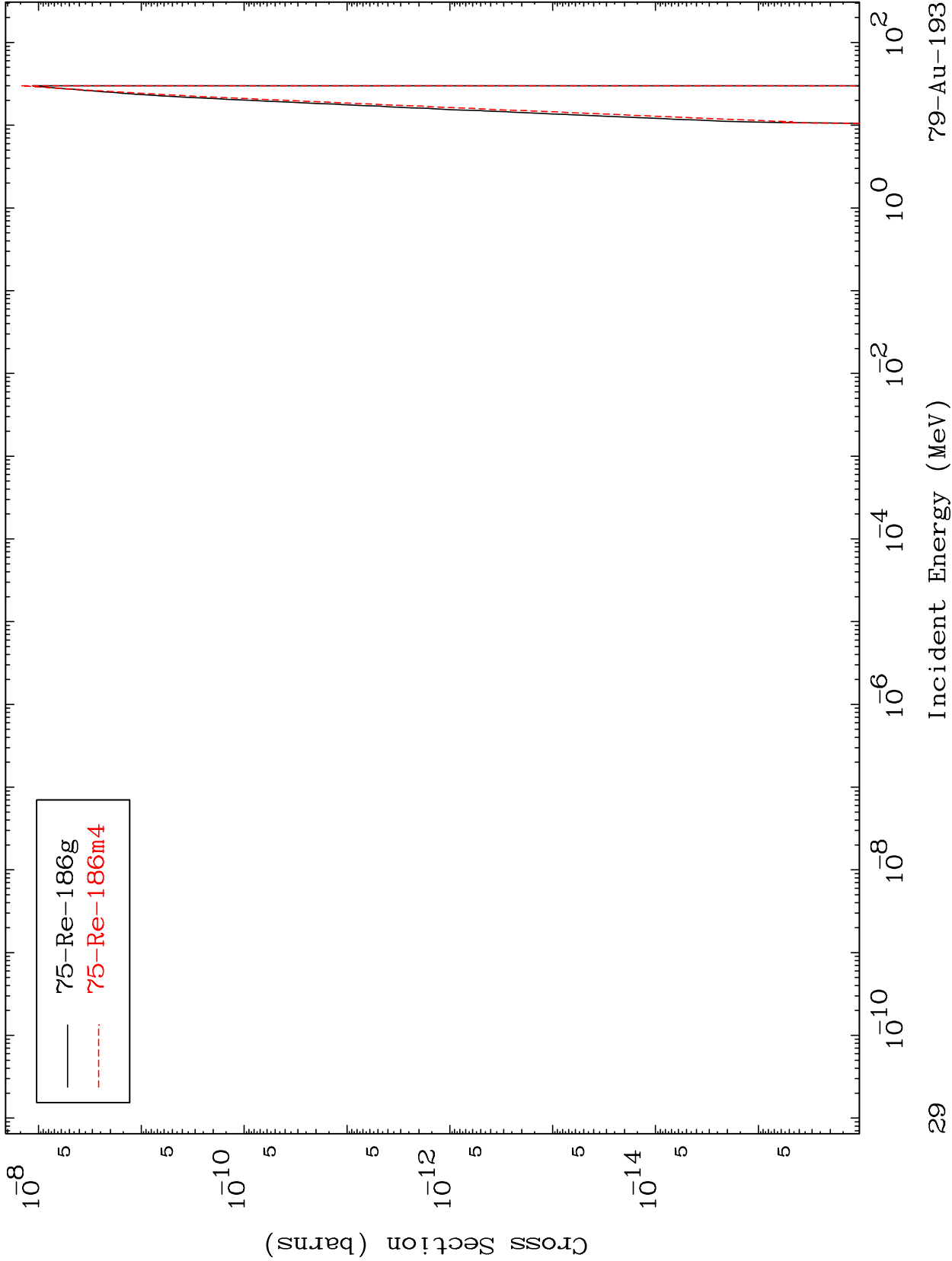
28

MAT 7914

(n,2α)

79-Au-193

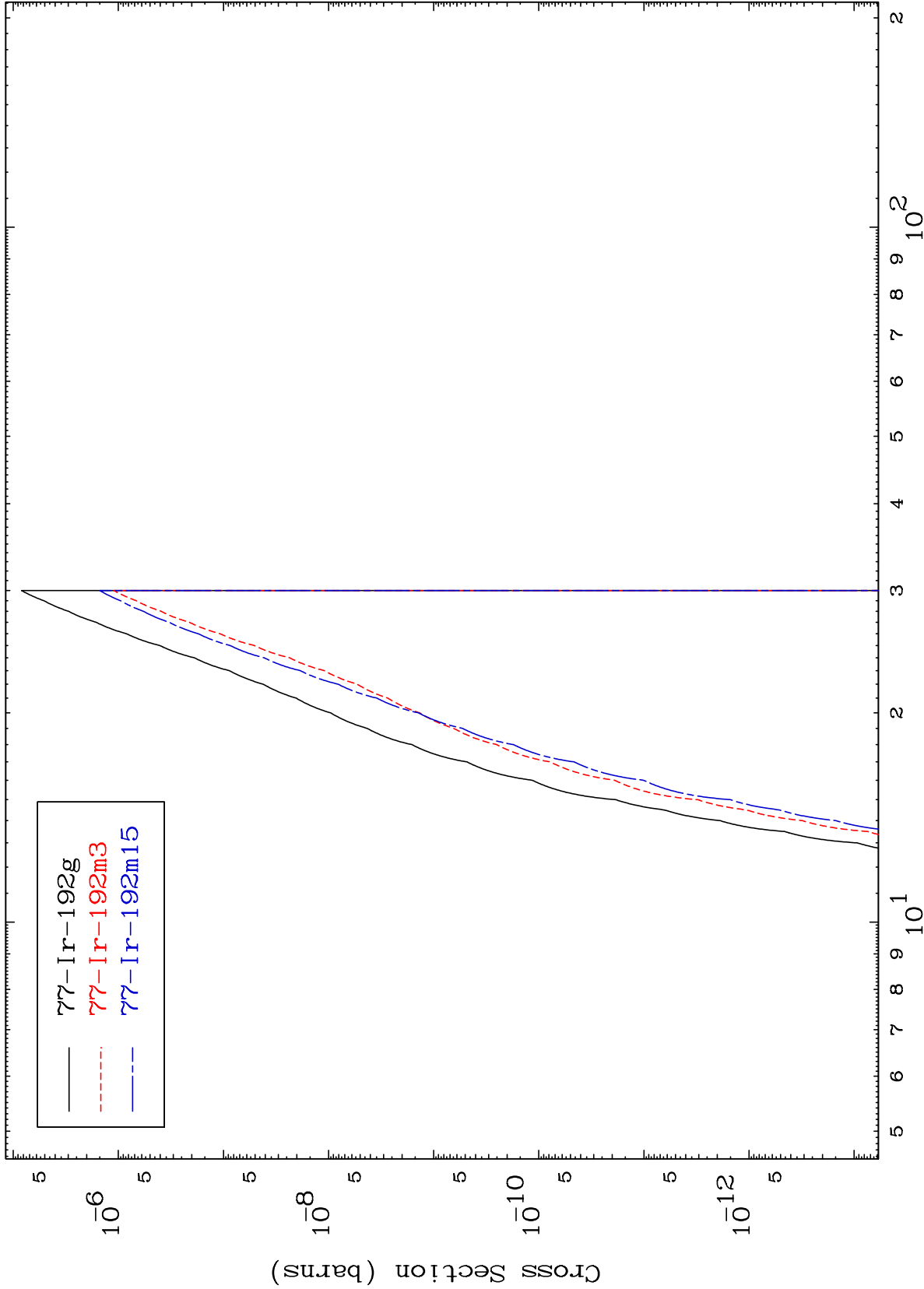
Radionuclide Production Cross Section



MAT 7914

79-Au-193

(n,2p)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

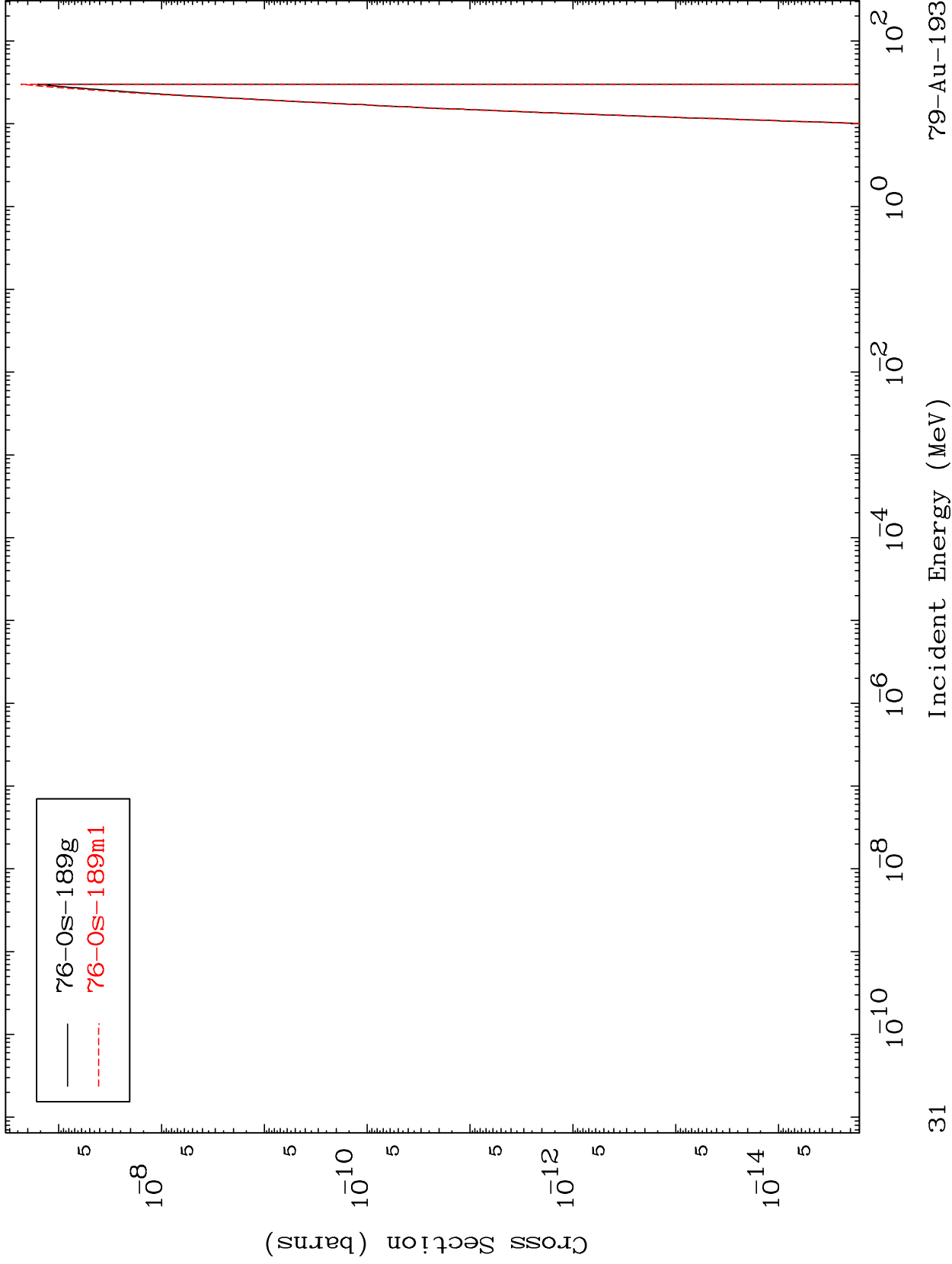
79-Au-193

MAT 7914

(n,p) α

⁷⁹Au-193

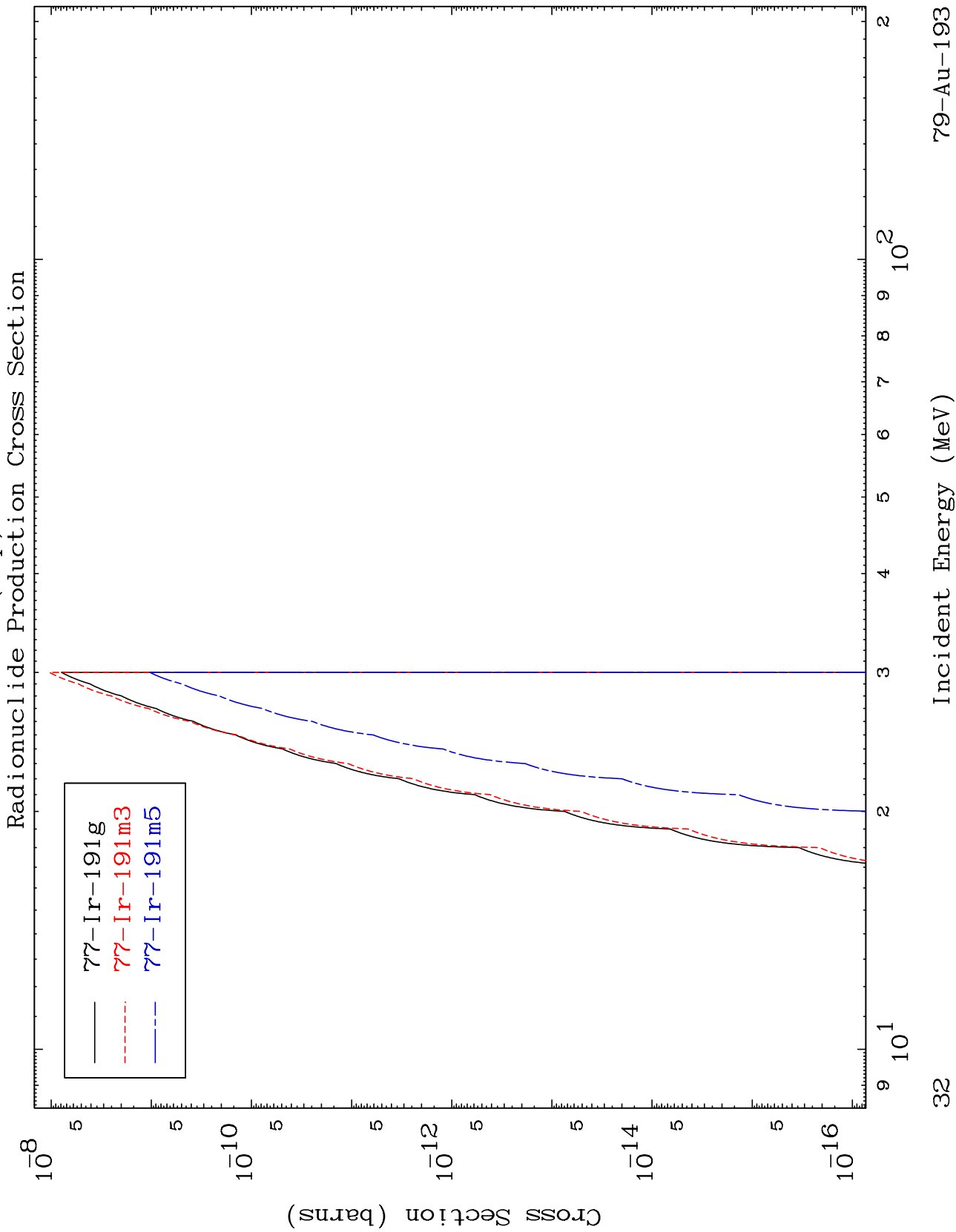
Radionuclide Production Cross Section



MAT 7914

(n,p) d

79-Au-193



32

79-Au-193

MAT 7914

(n,p) t

79-Au-193

Radionuclide Production Cross Section

