

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

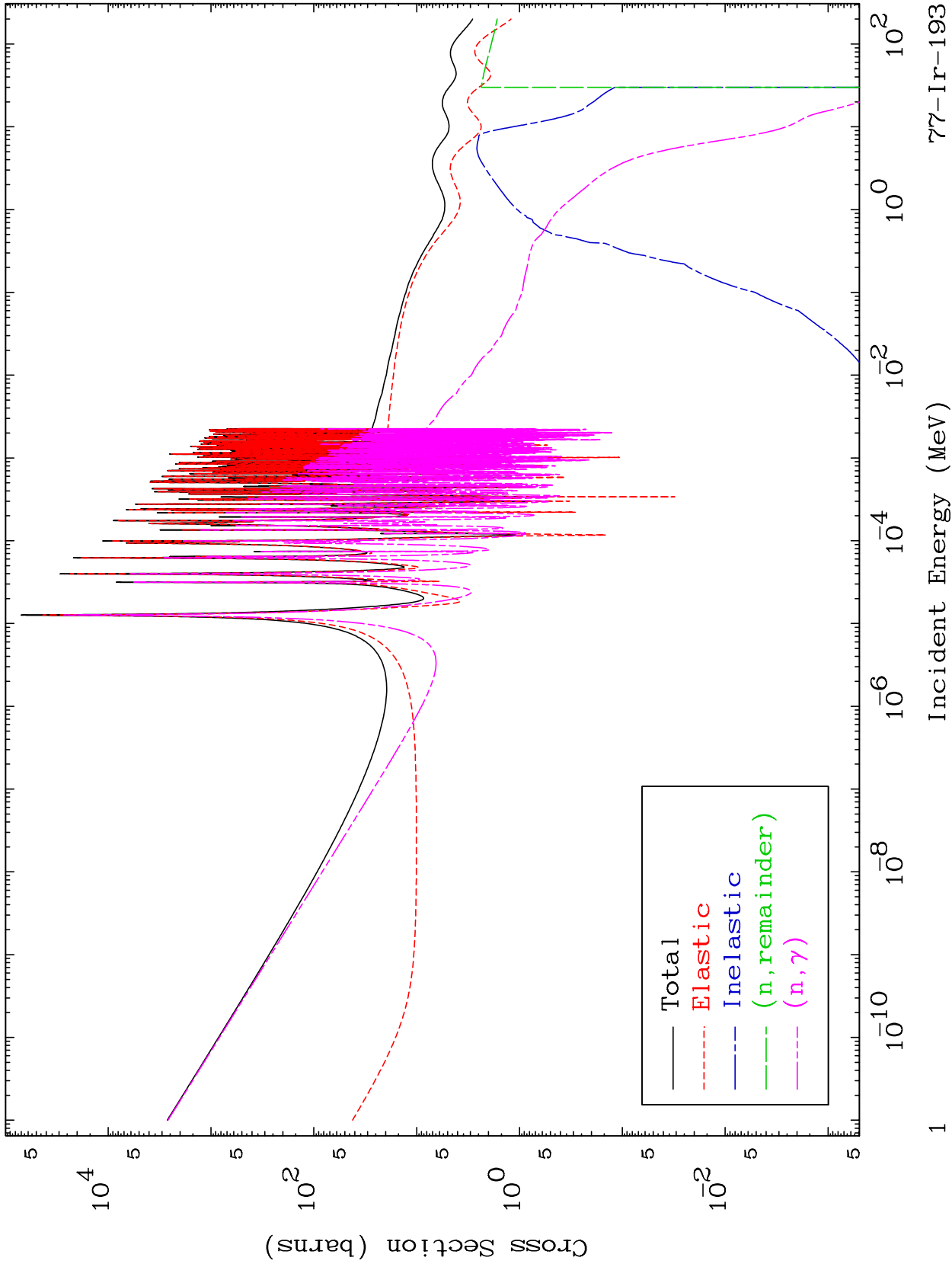
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7732

Major
293 Kelvin Cross Sections

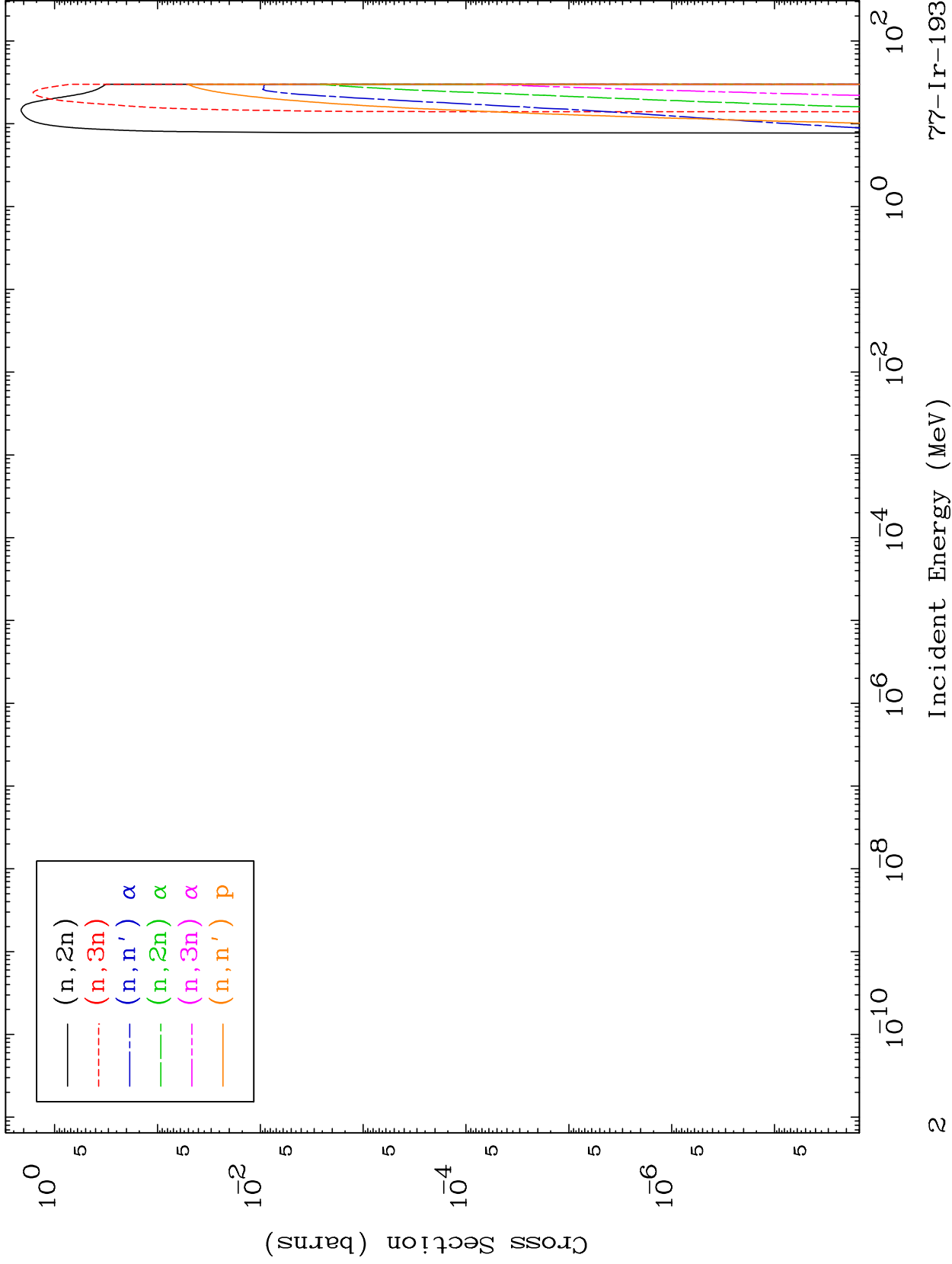
77-Ir-193

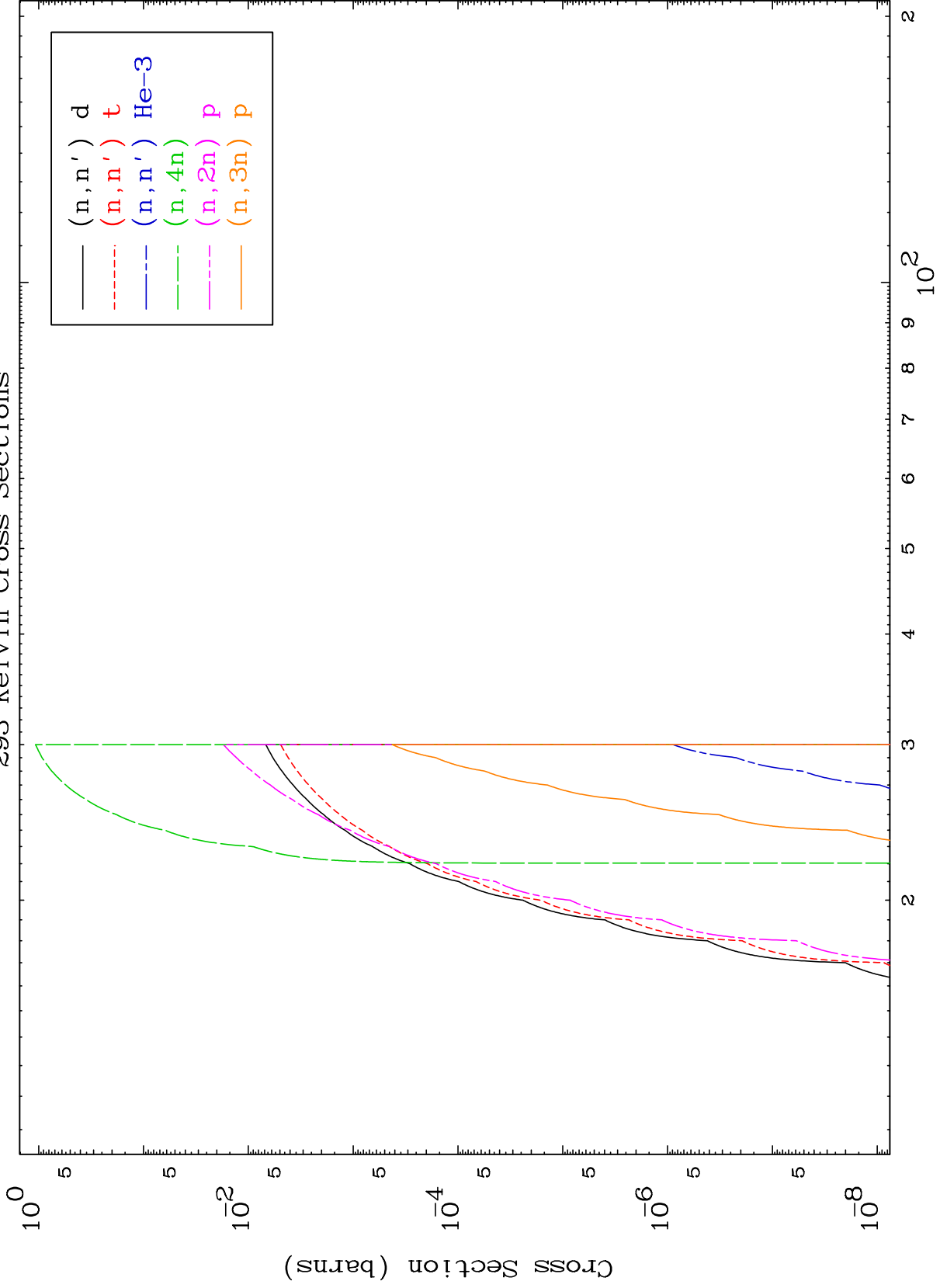


MAT 7732

Neutron Production
293 Kelvin Cross Sections

77-Ir-193

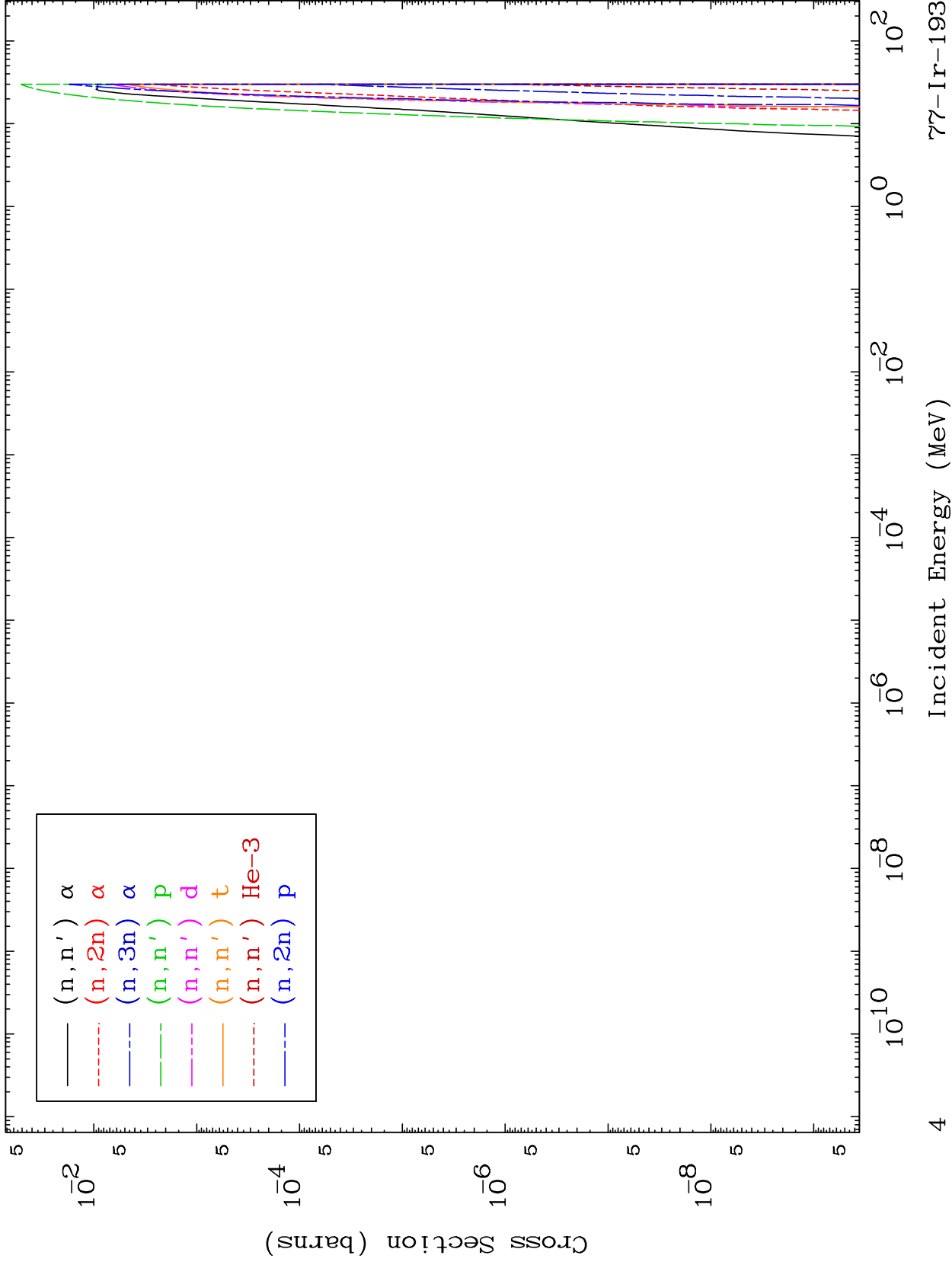




MAT 7732

Charged Particle
293 Kelvin Cross Sections

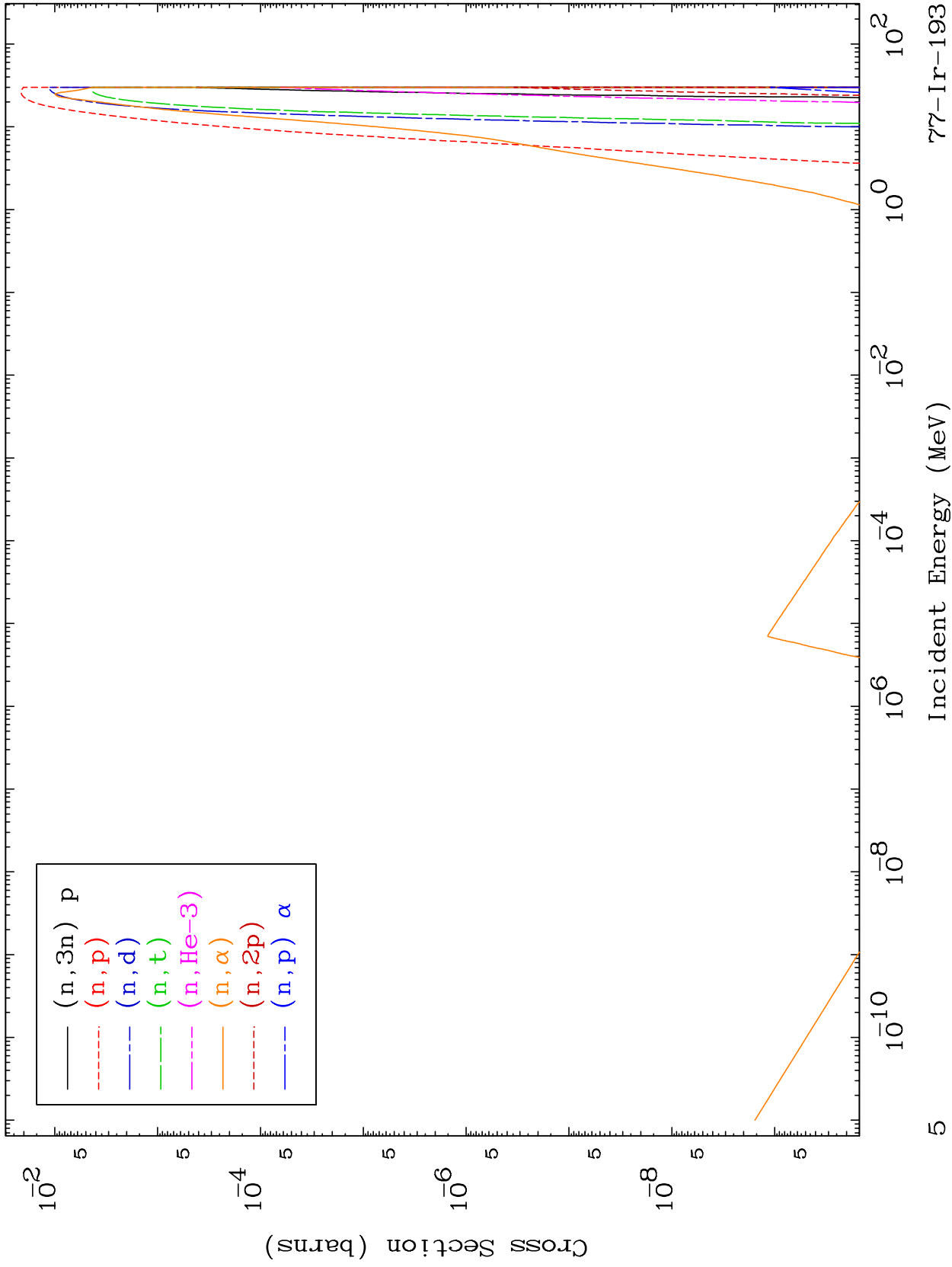
77-Ir-193

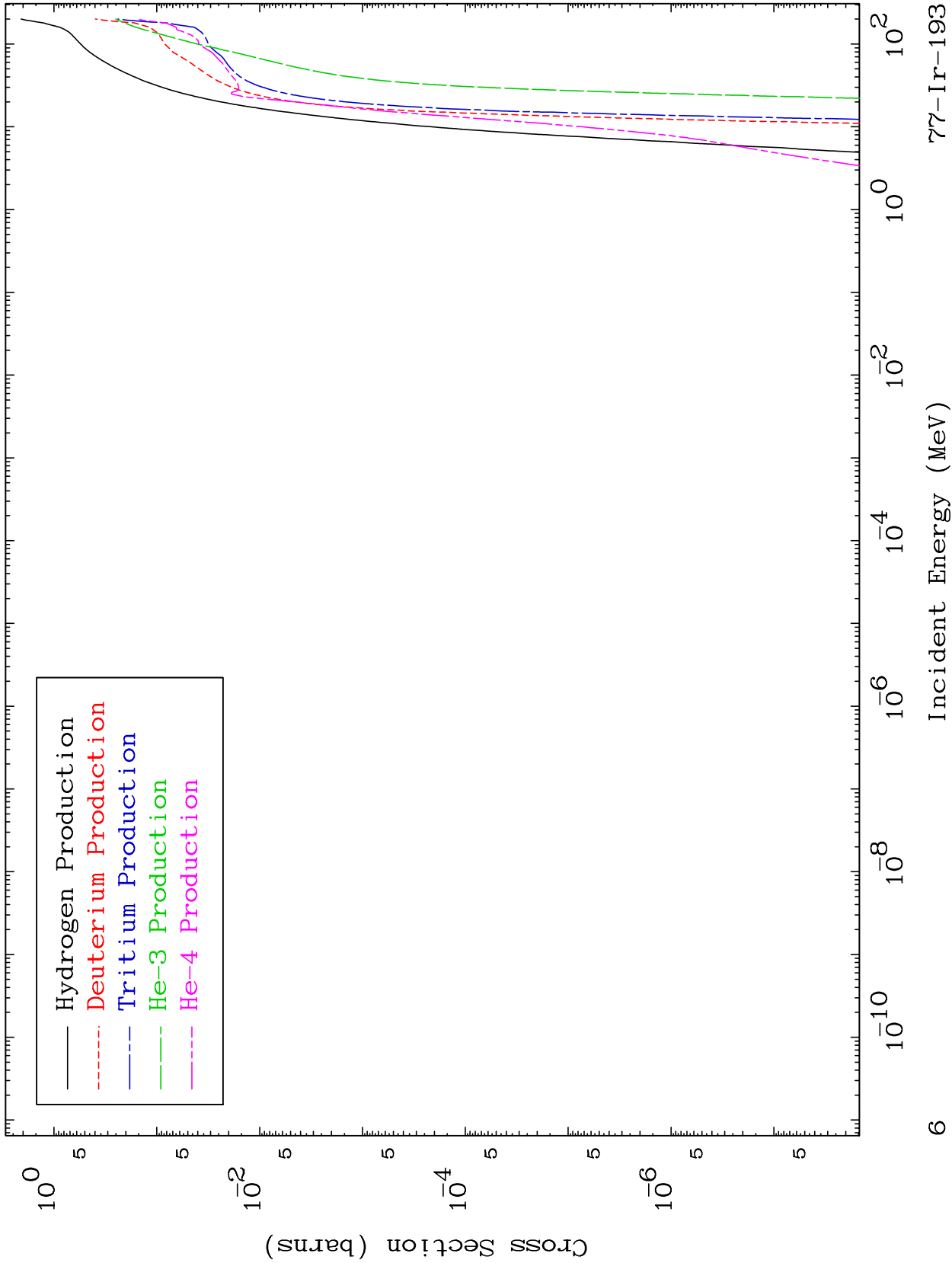


MAT 7732

Charged Particle
293 Kelvin Cross Sections

77-Ir-193

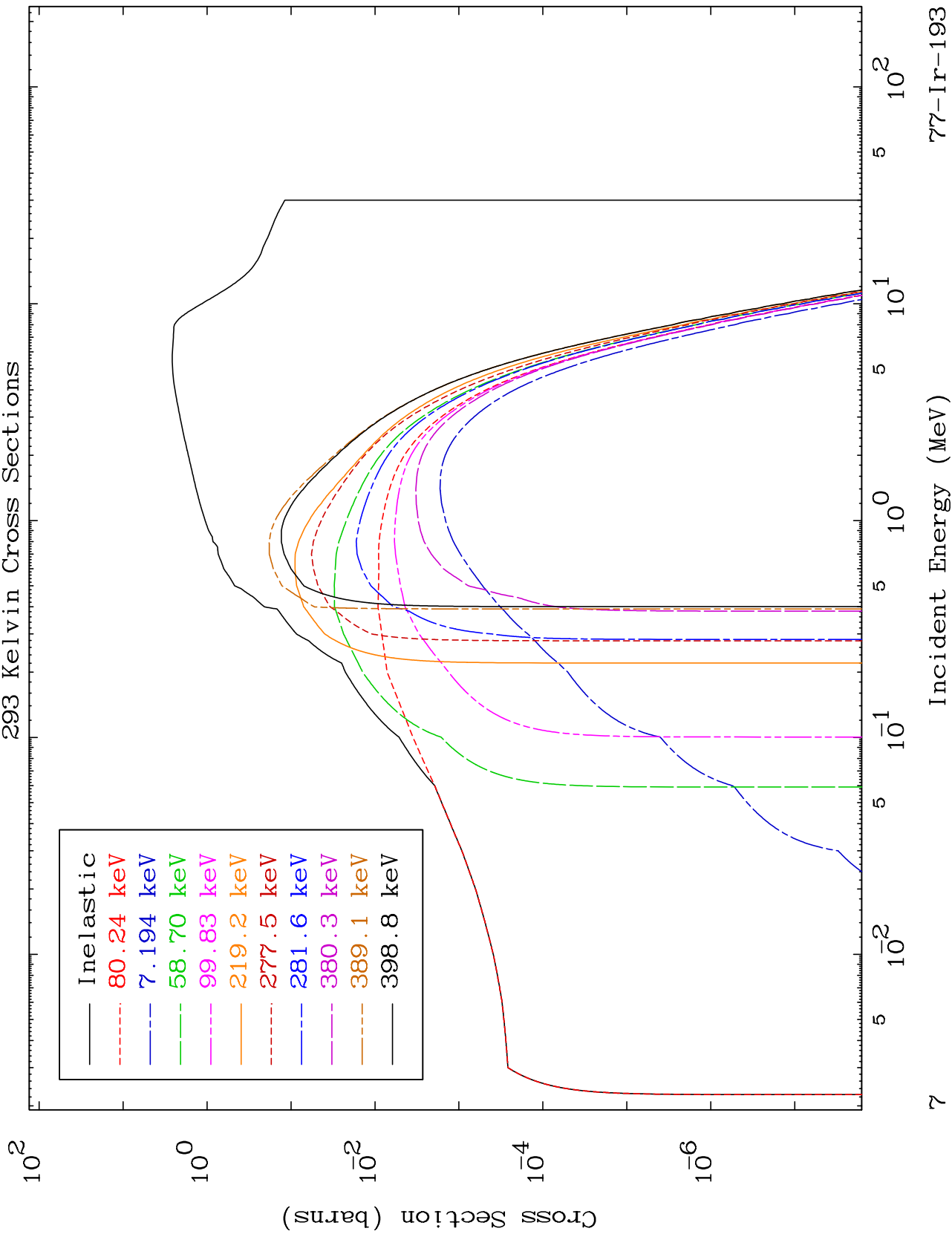




MAT 7732

(n,n') Level
293 Kelvin Cross Sections

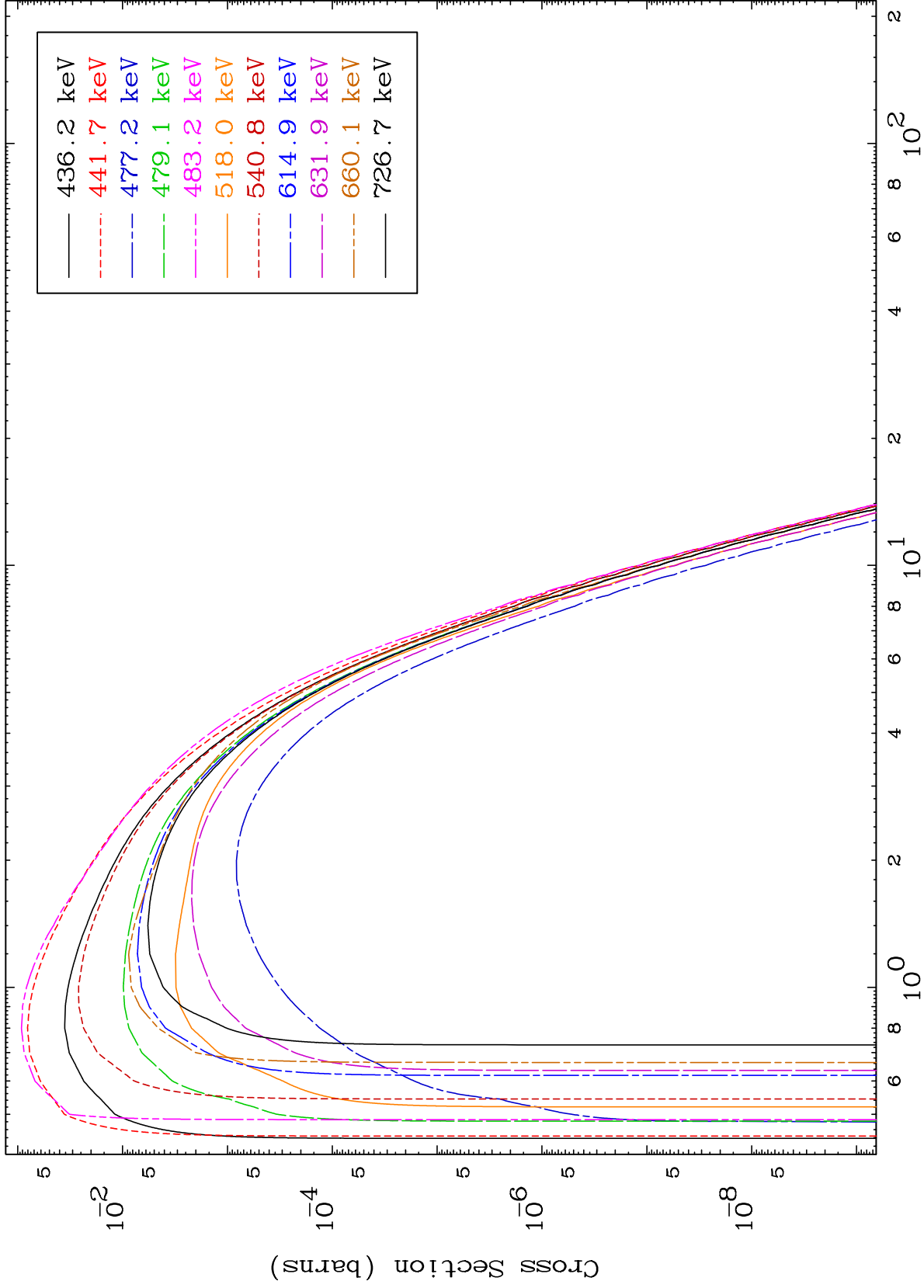
77-Ir-193



MAT 7732

(n,n') Level
293 Kelvin Cross Sections

77-Ir-193



8

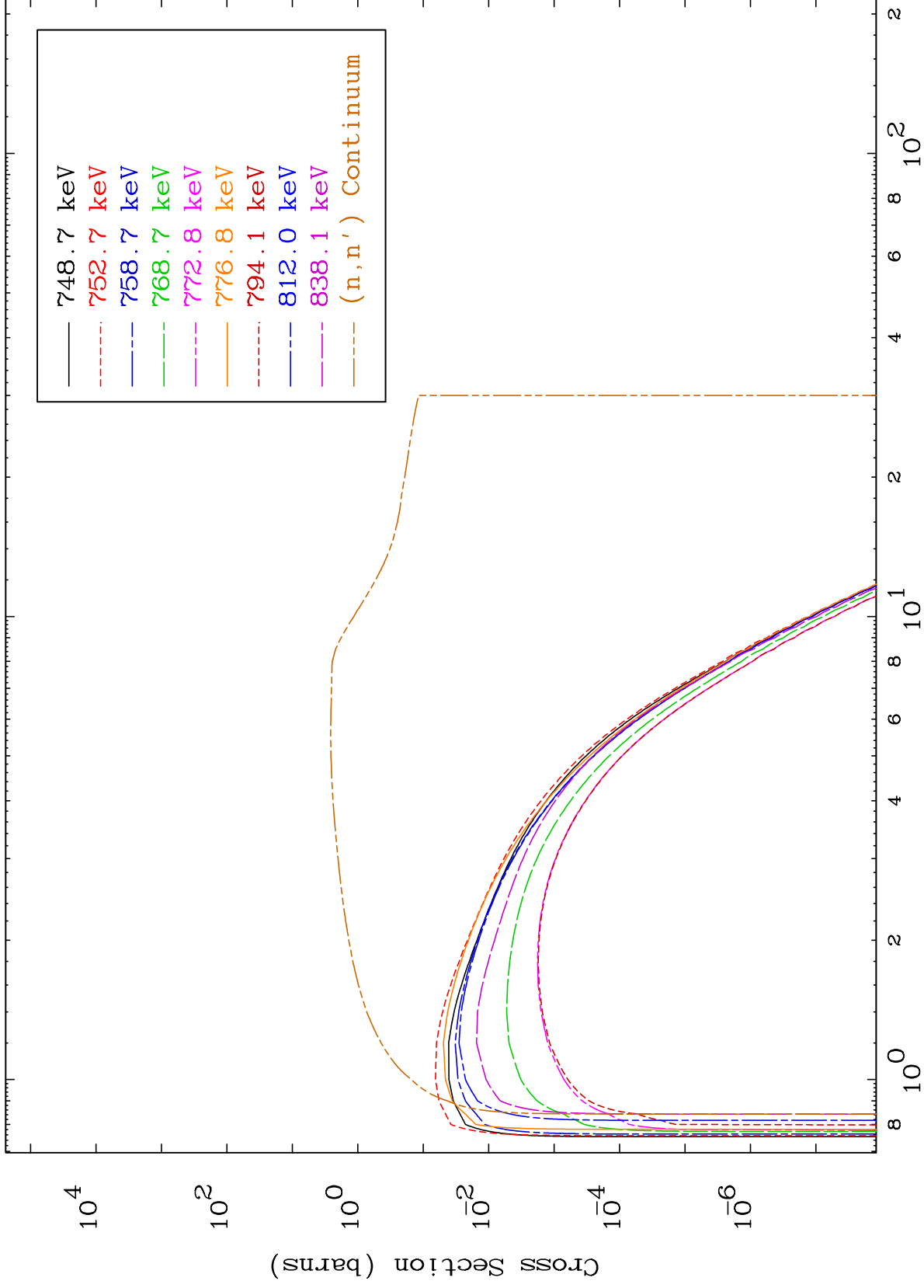
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,n') Level
293 Kelvin Cross Sections

77-Ir-193



9

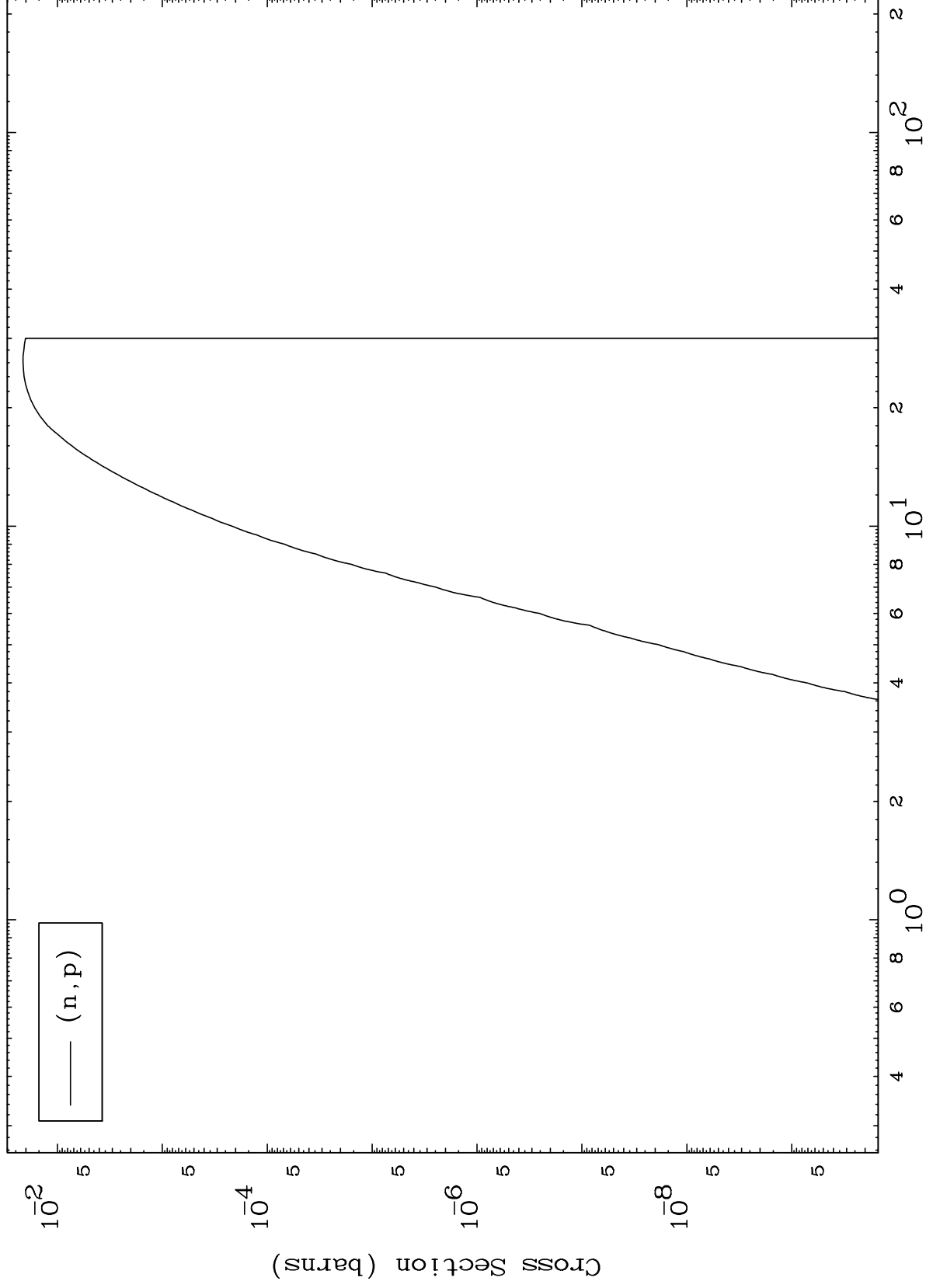
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-193



10

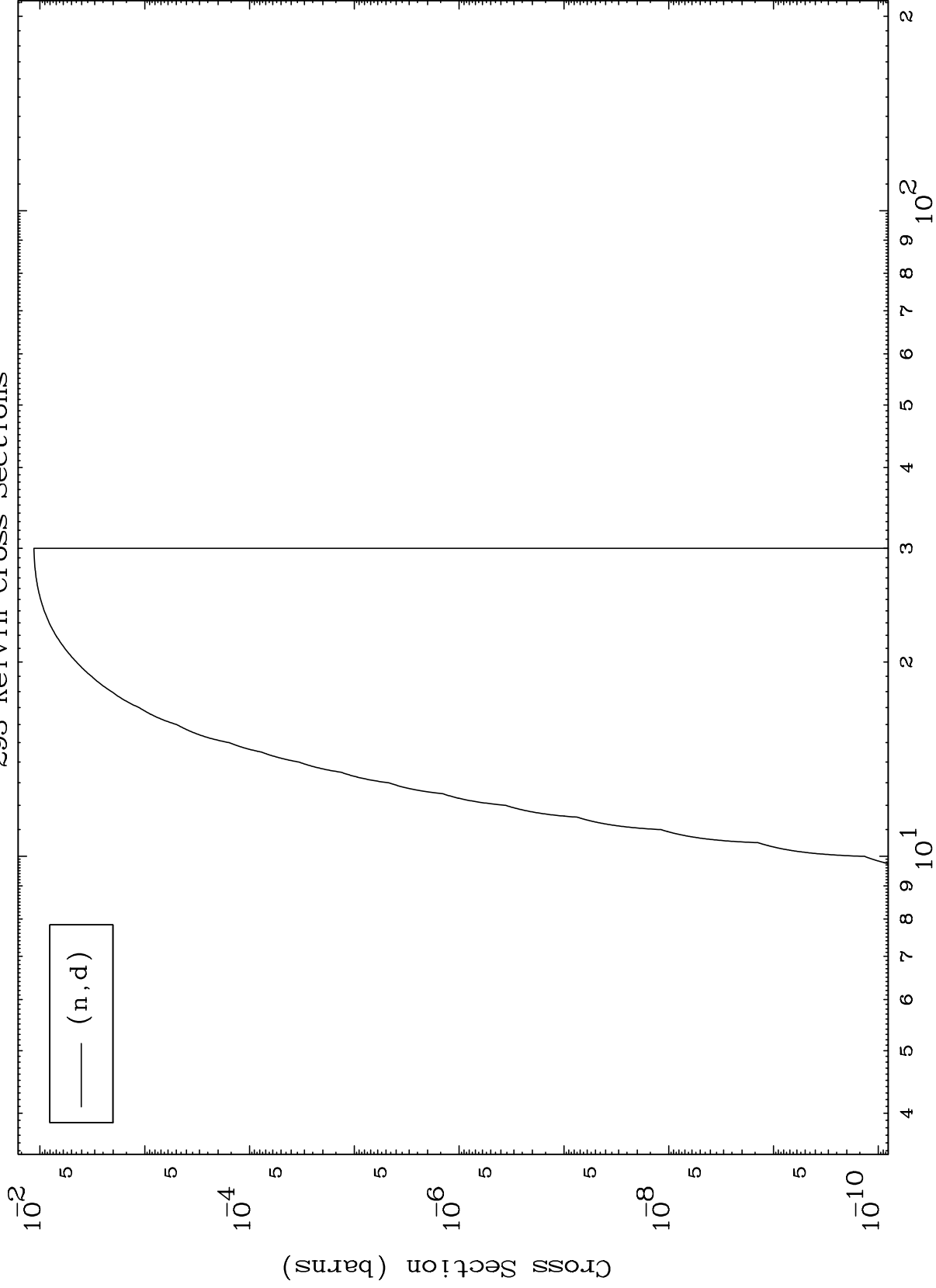
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-193



11

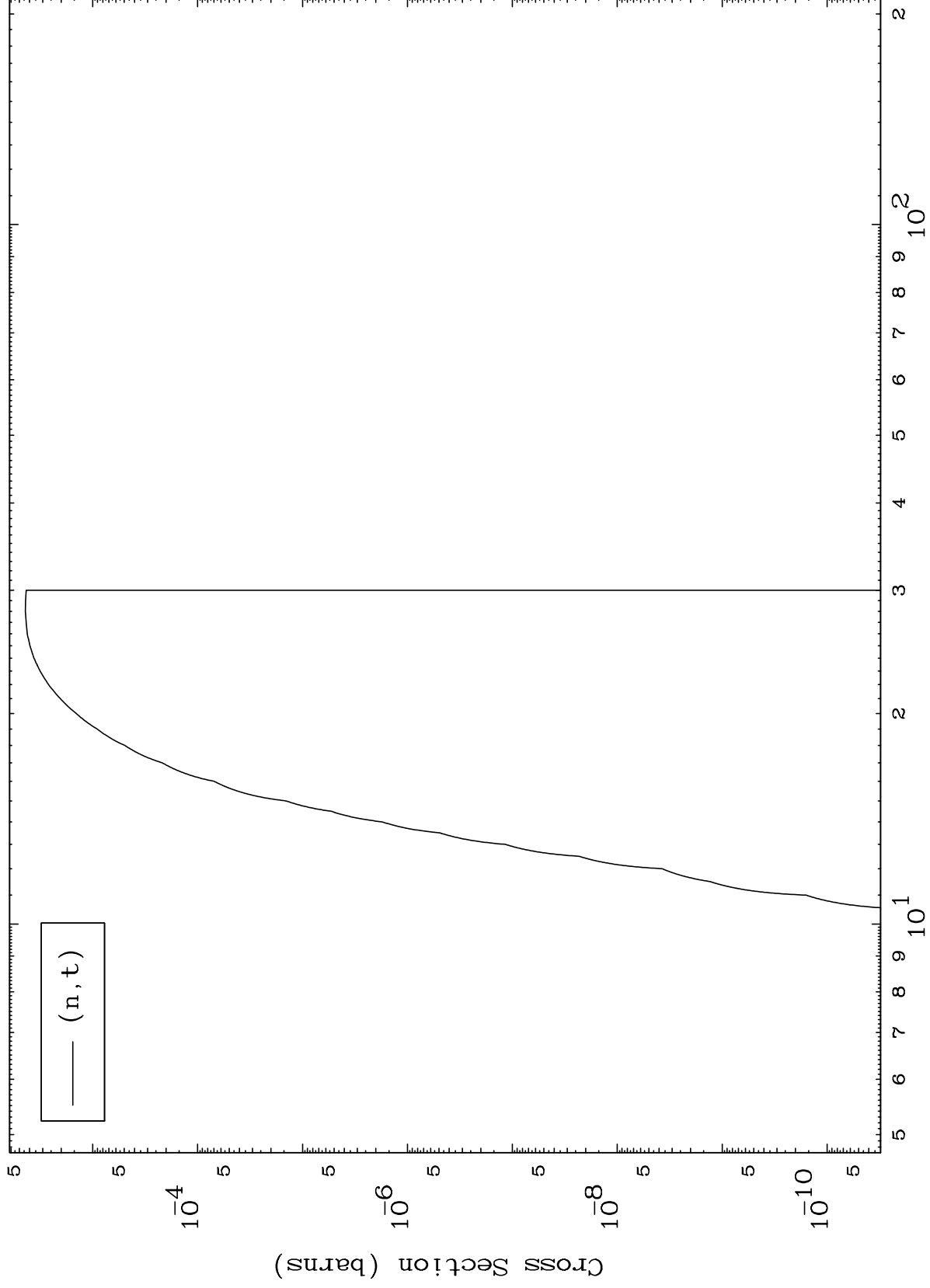
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-193



12

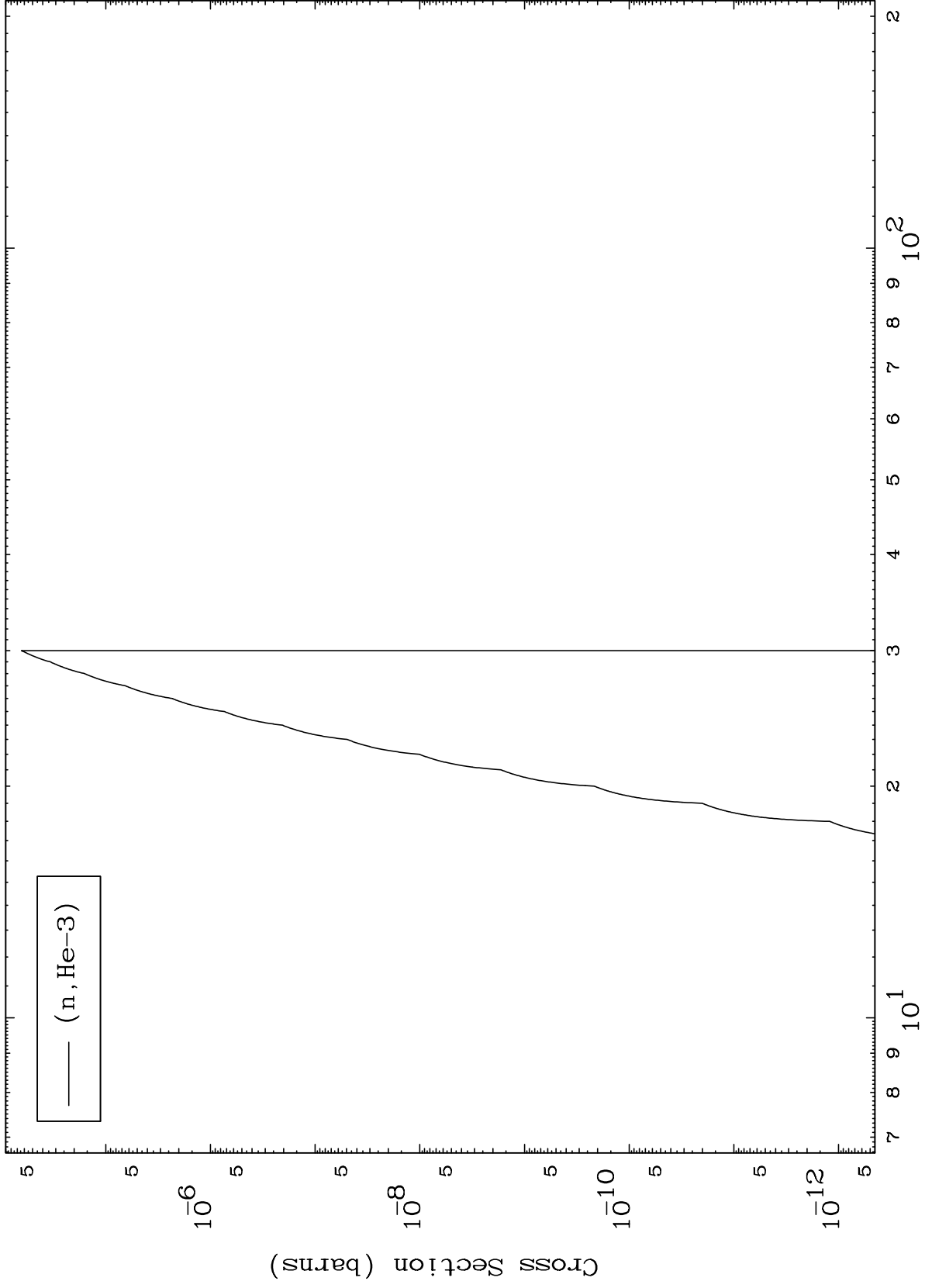
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-193



13

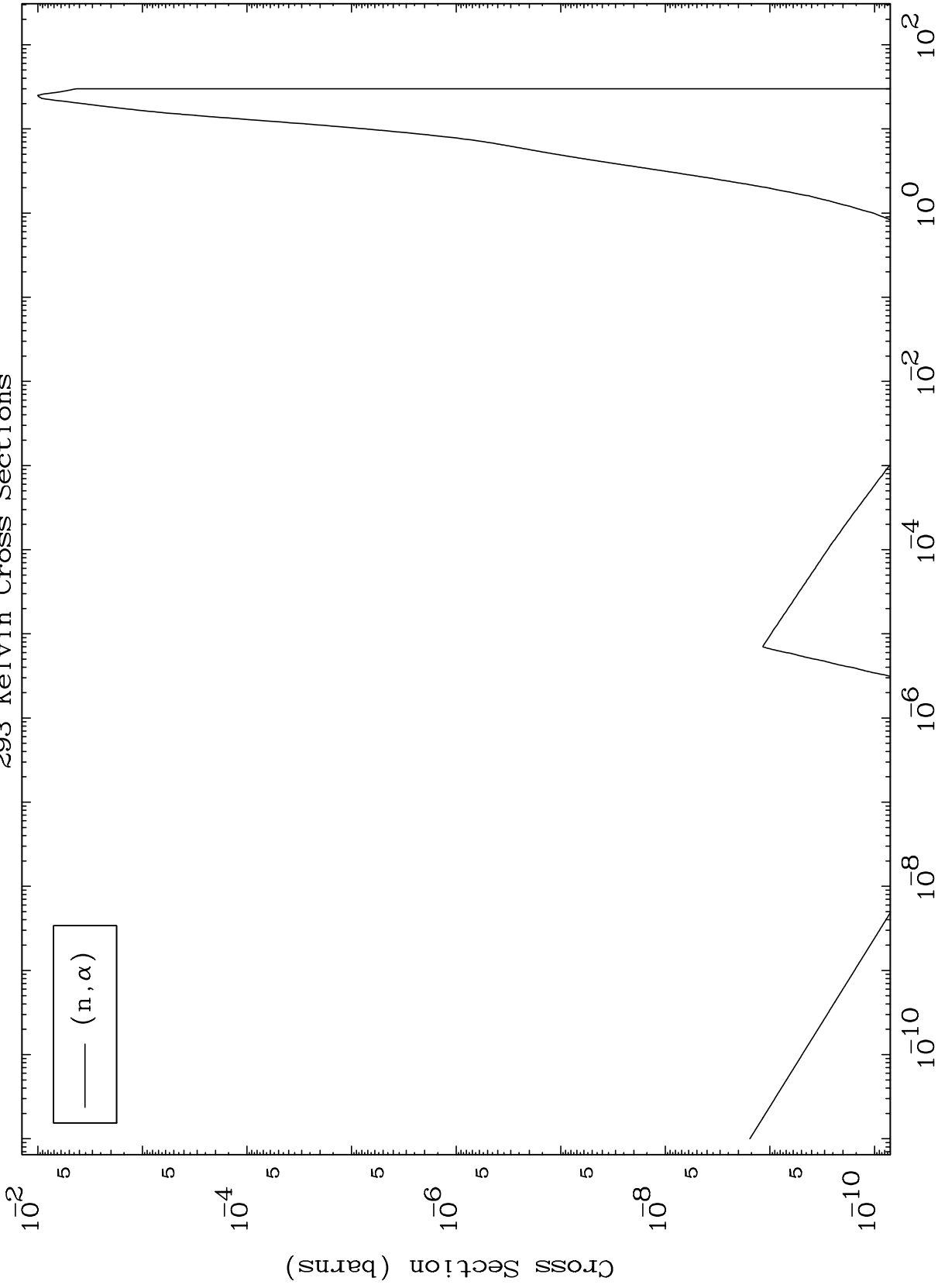
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n, α) Levels
293 Kelvin Cross Sections

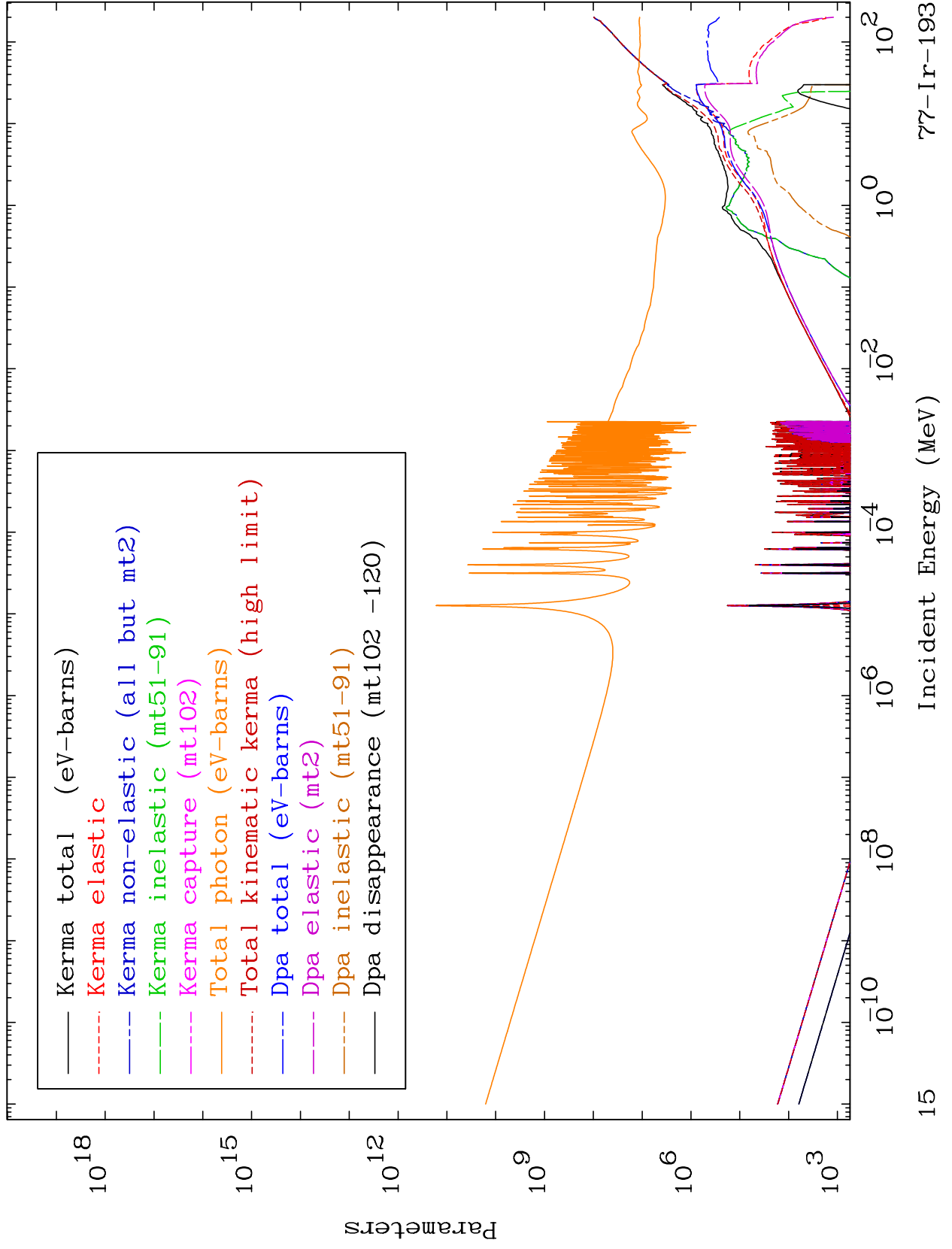
77-Ir-193

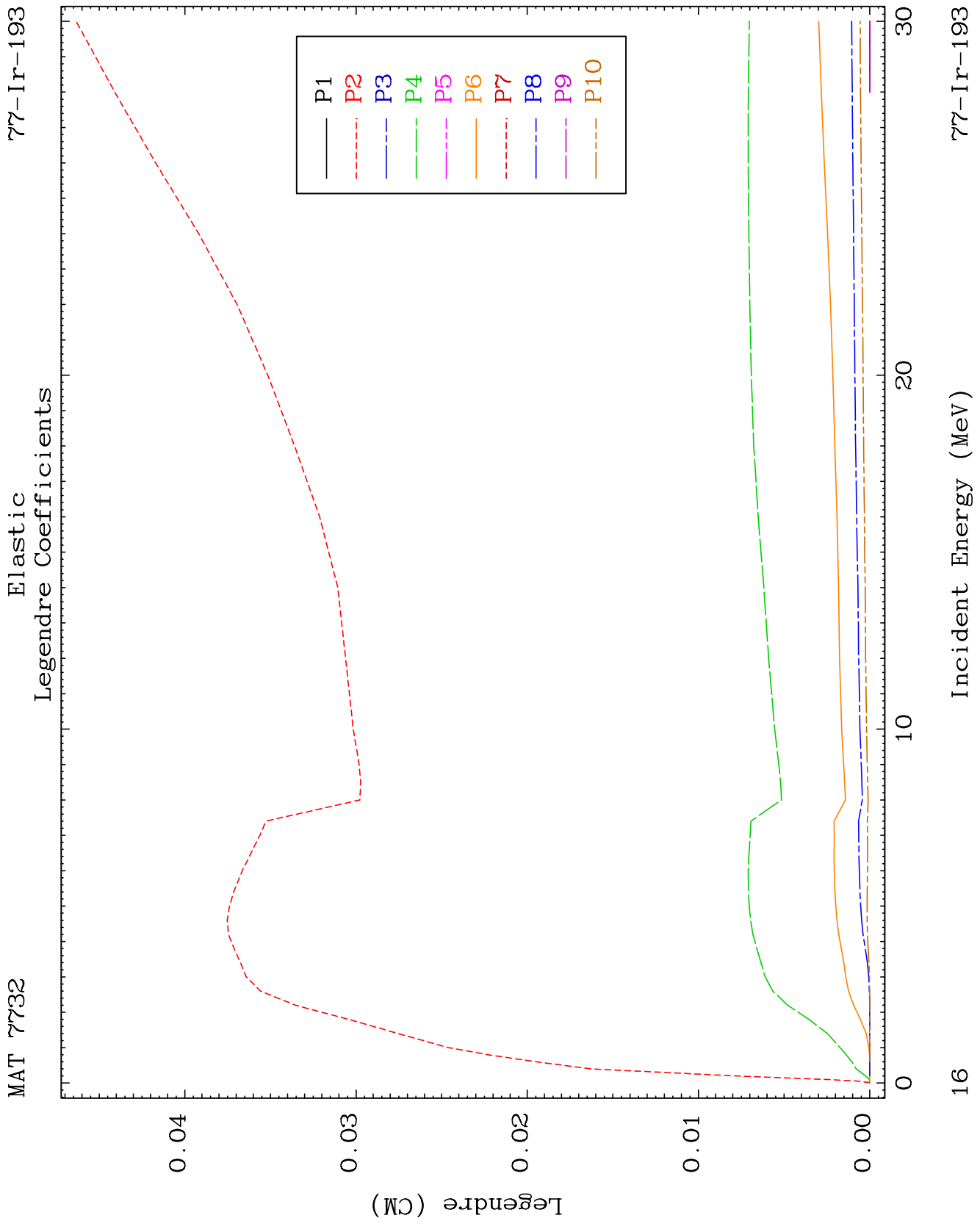


14

Incident Energy (MeV)

77-Ir-193





MAT 7732

Elastic Legendre Coefficients

77-Ir-193

16

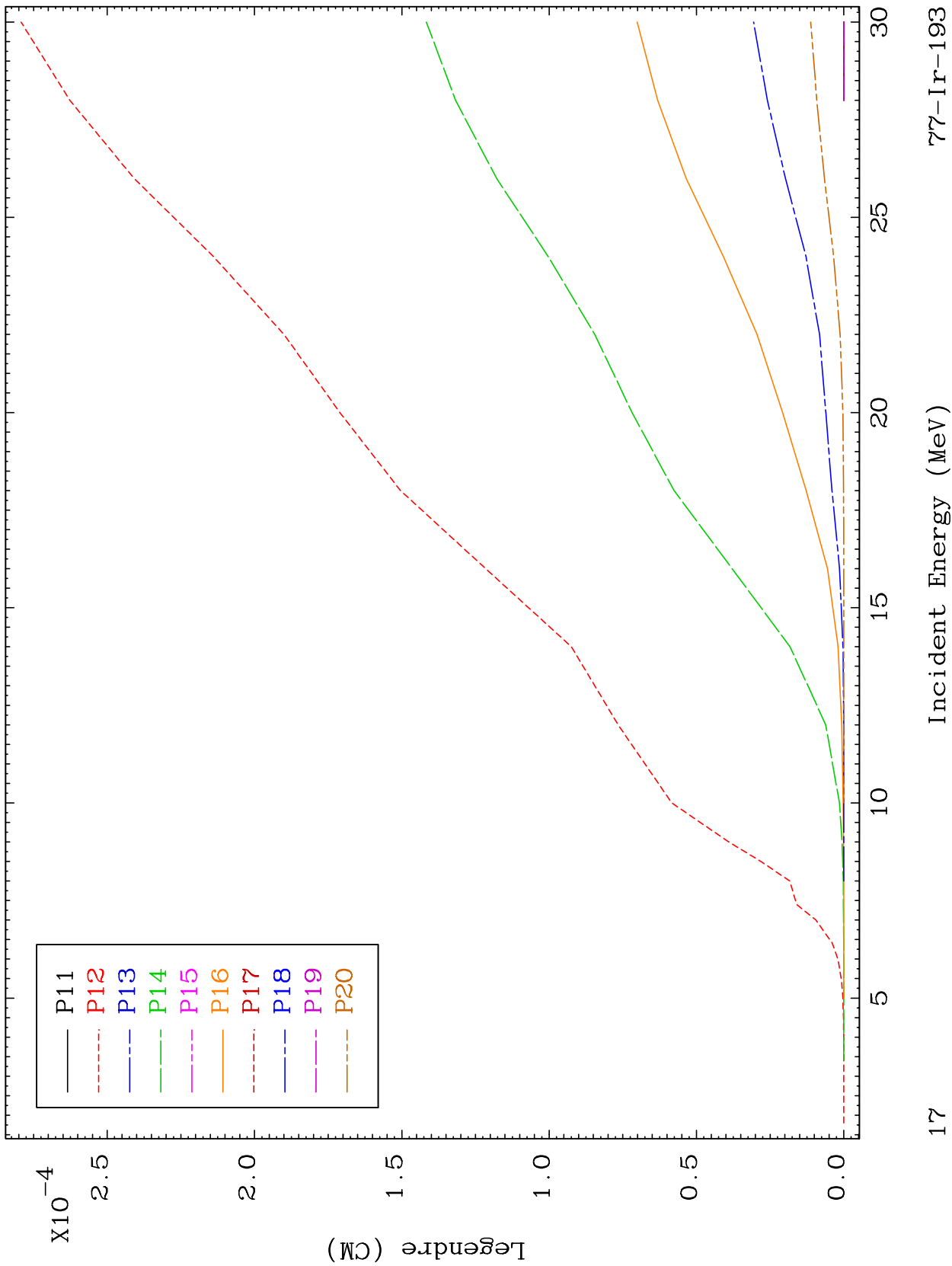
Incident Energy (MeV)

77-Ir-193

MAT 7732

Elastic Legendre Coefficients

77-Ir-193



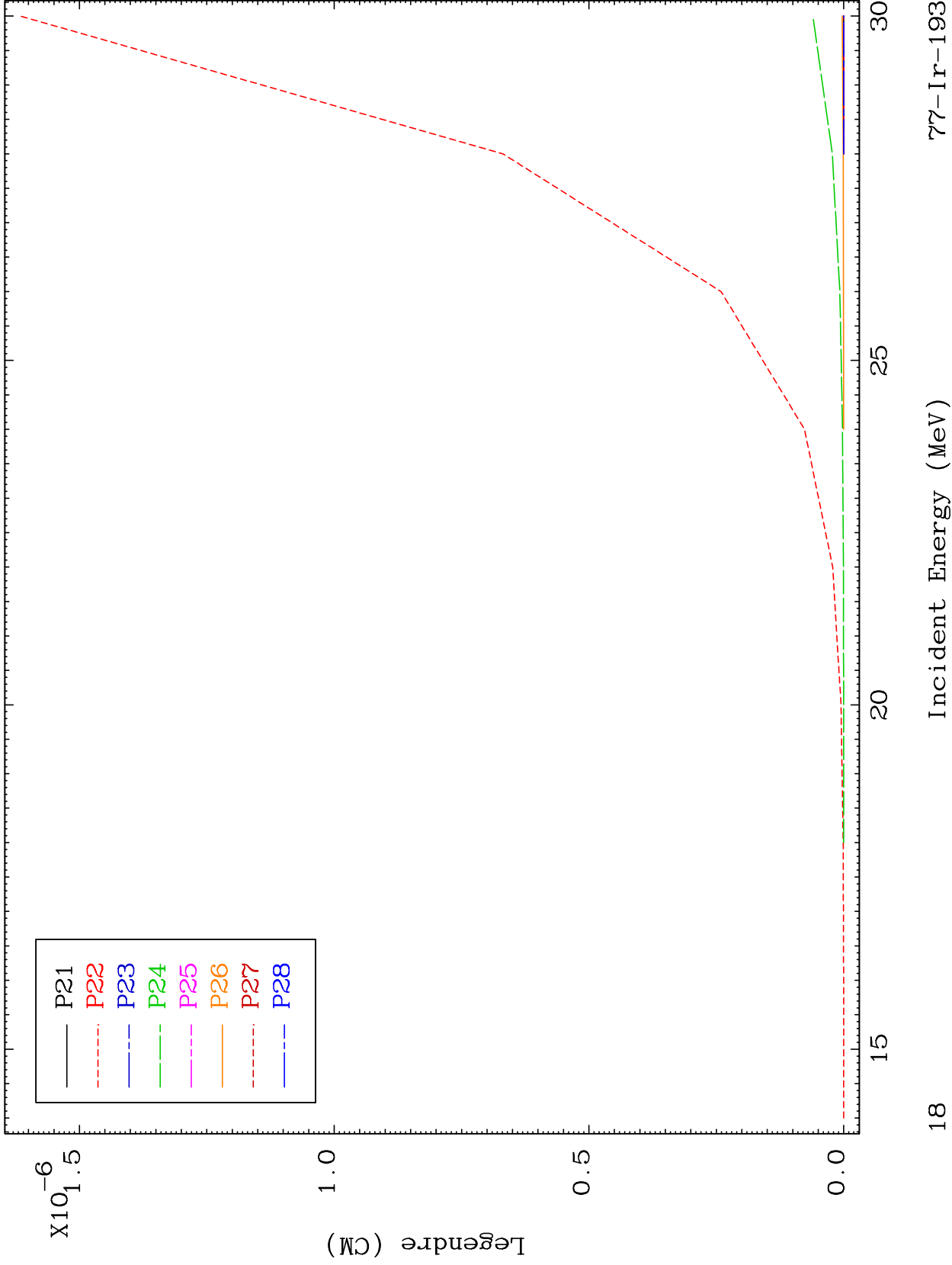
17

77-Ir-193

MAT 7732

Elastic Legendre Coefficients

77-Ir-193



18

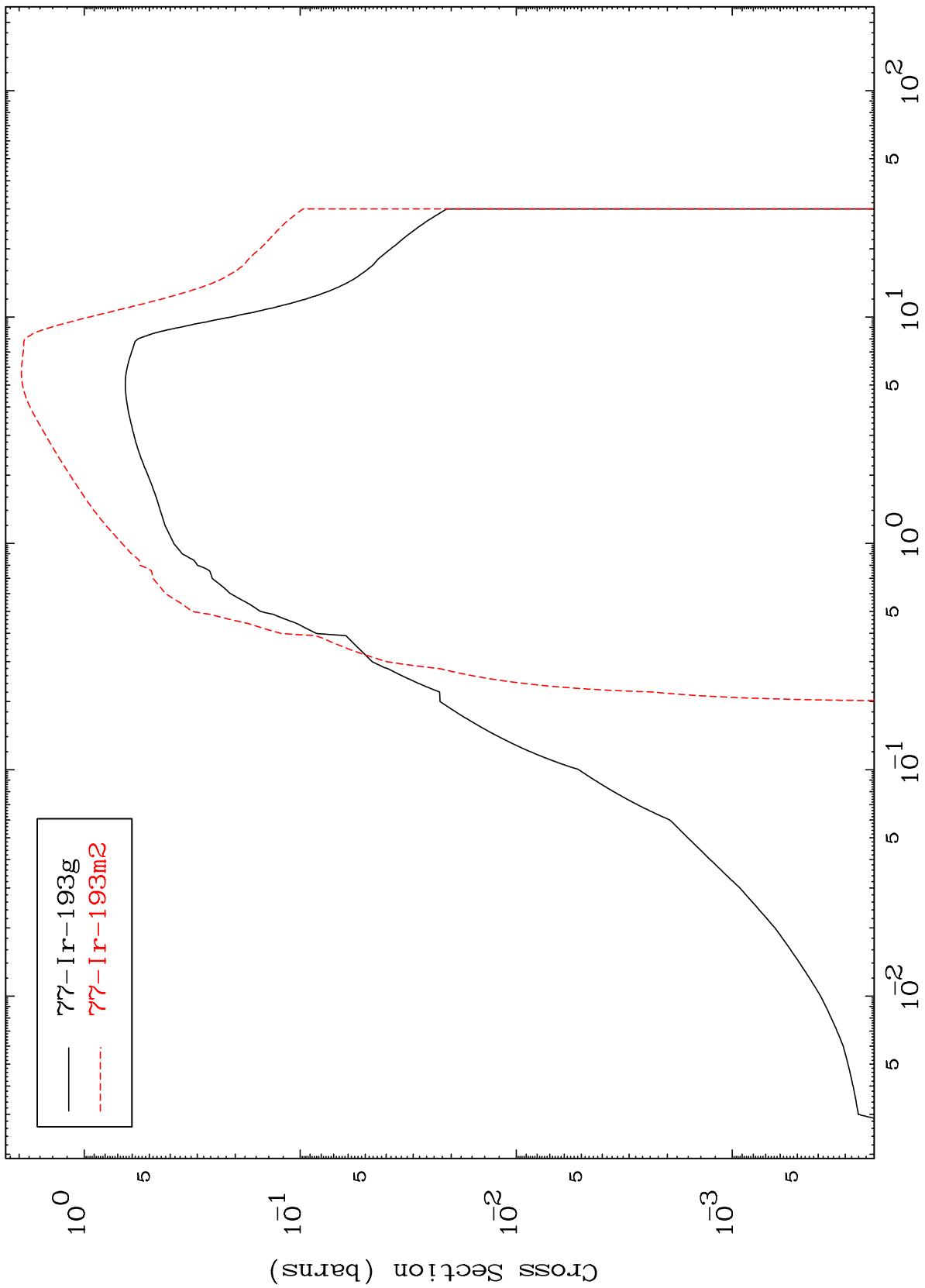
Incident Energy (MeV)

77-Ir-193

MAT 7732

77-Ir-193

Inelastic
Radionuclide Production Cross Section

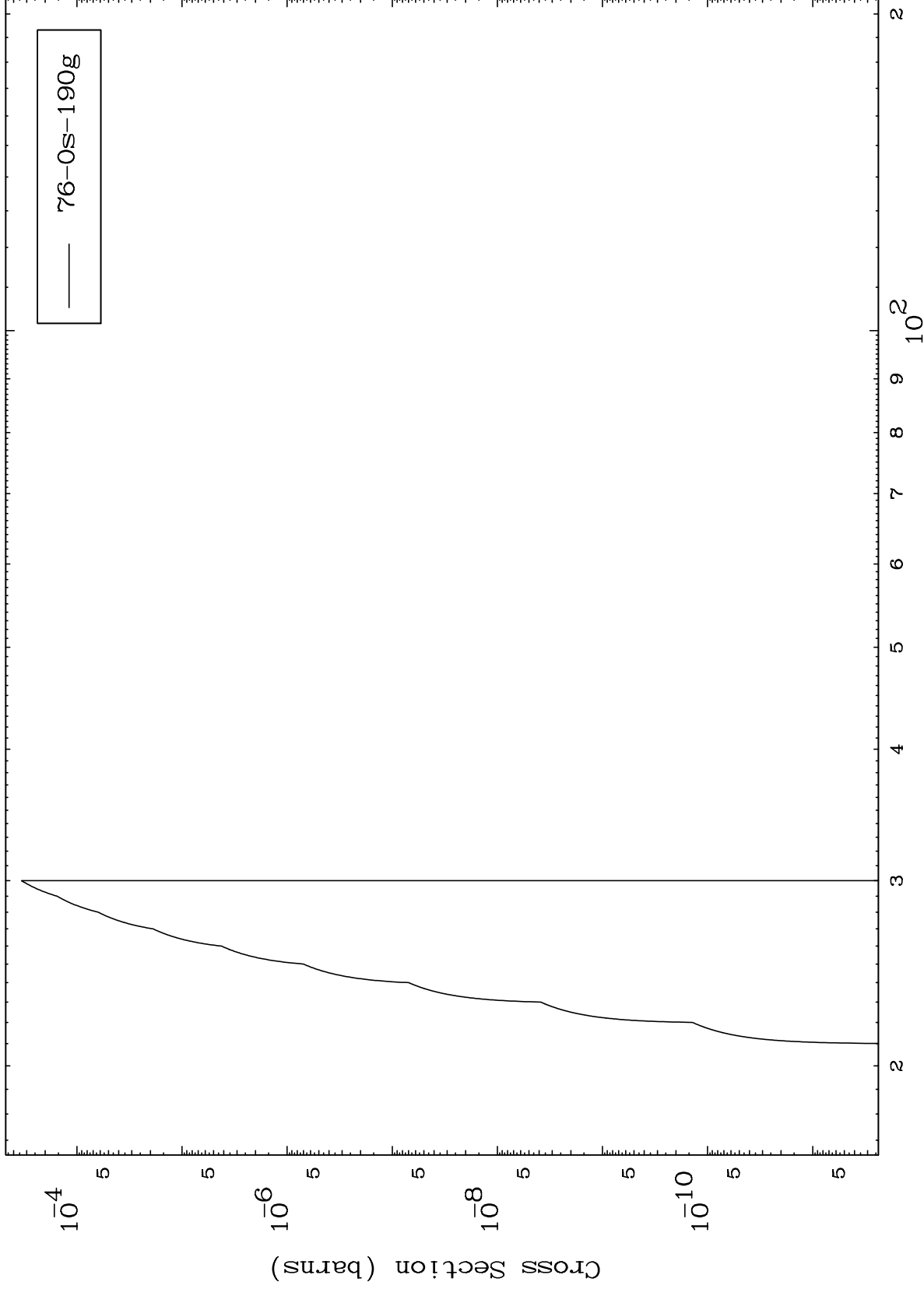


19

77-Ir-193

Incident Energy (MeV)

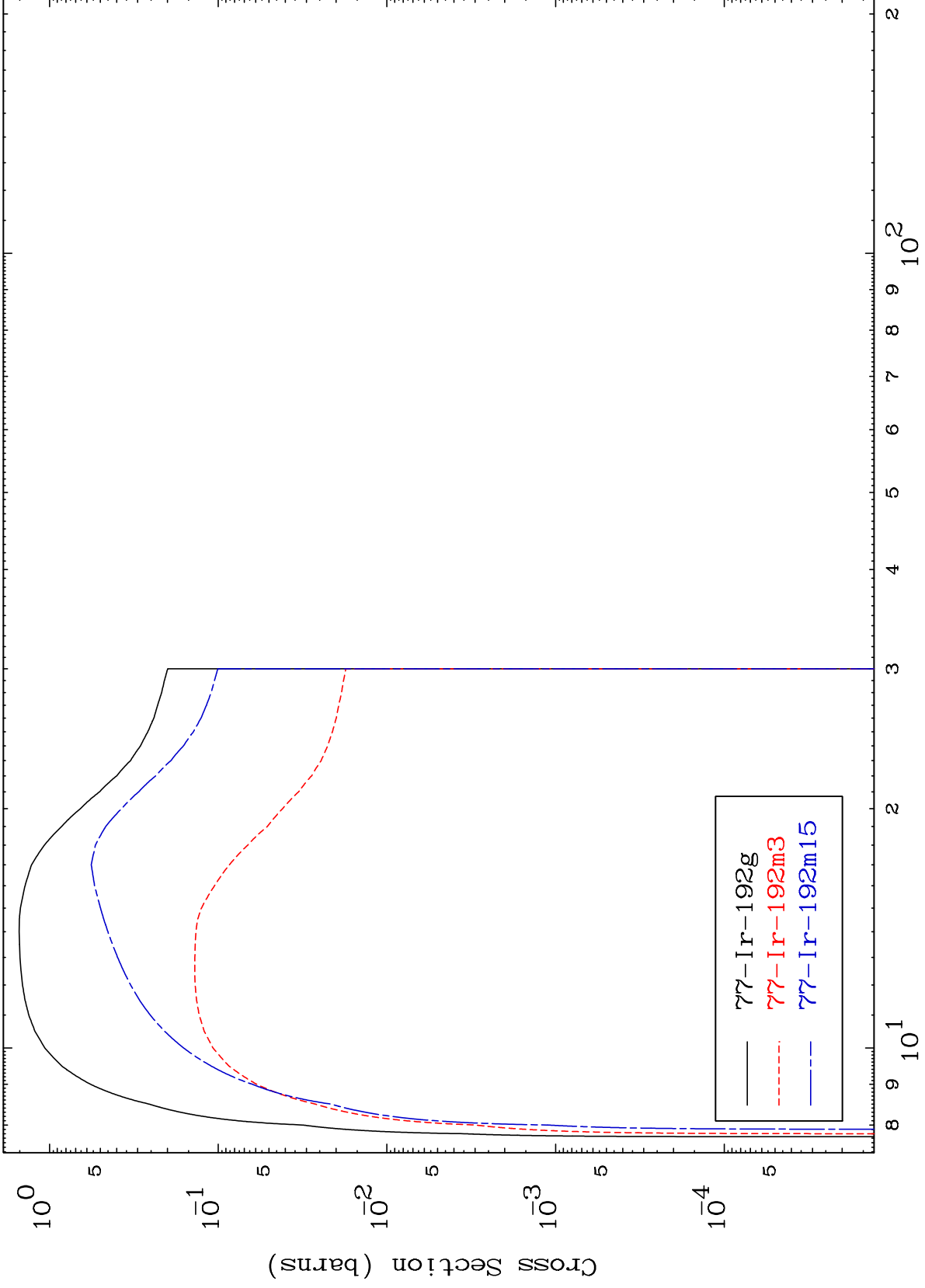
Radionuclide Production Cross Section



MAT 7732

⁷⁷Ir-193

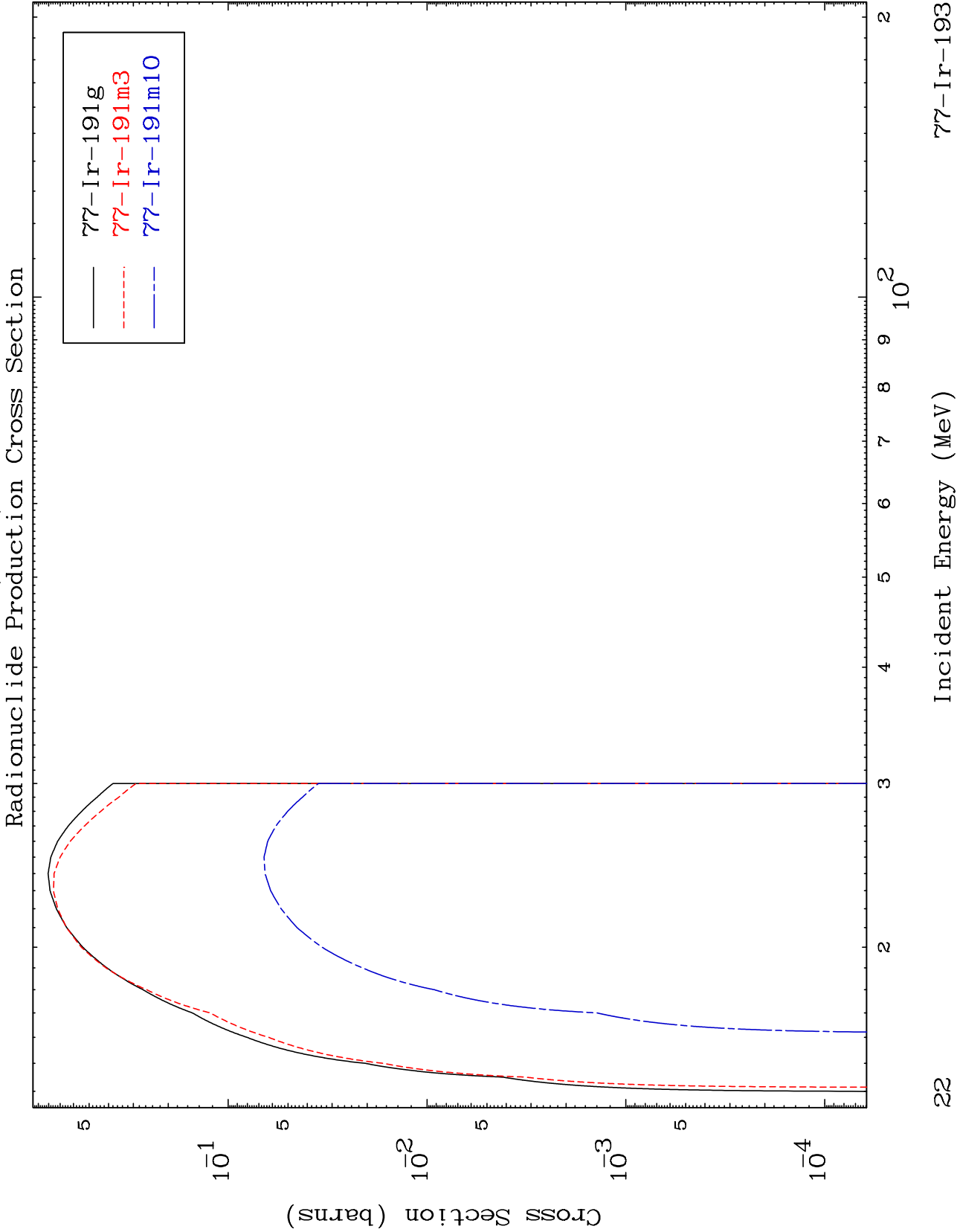
Radionuclide Production Cross Section



⁷⁷Ir-193

Incident Energy (MeV)

21

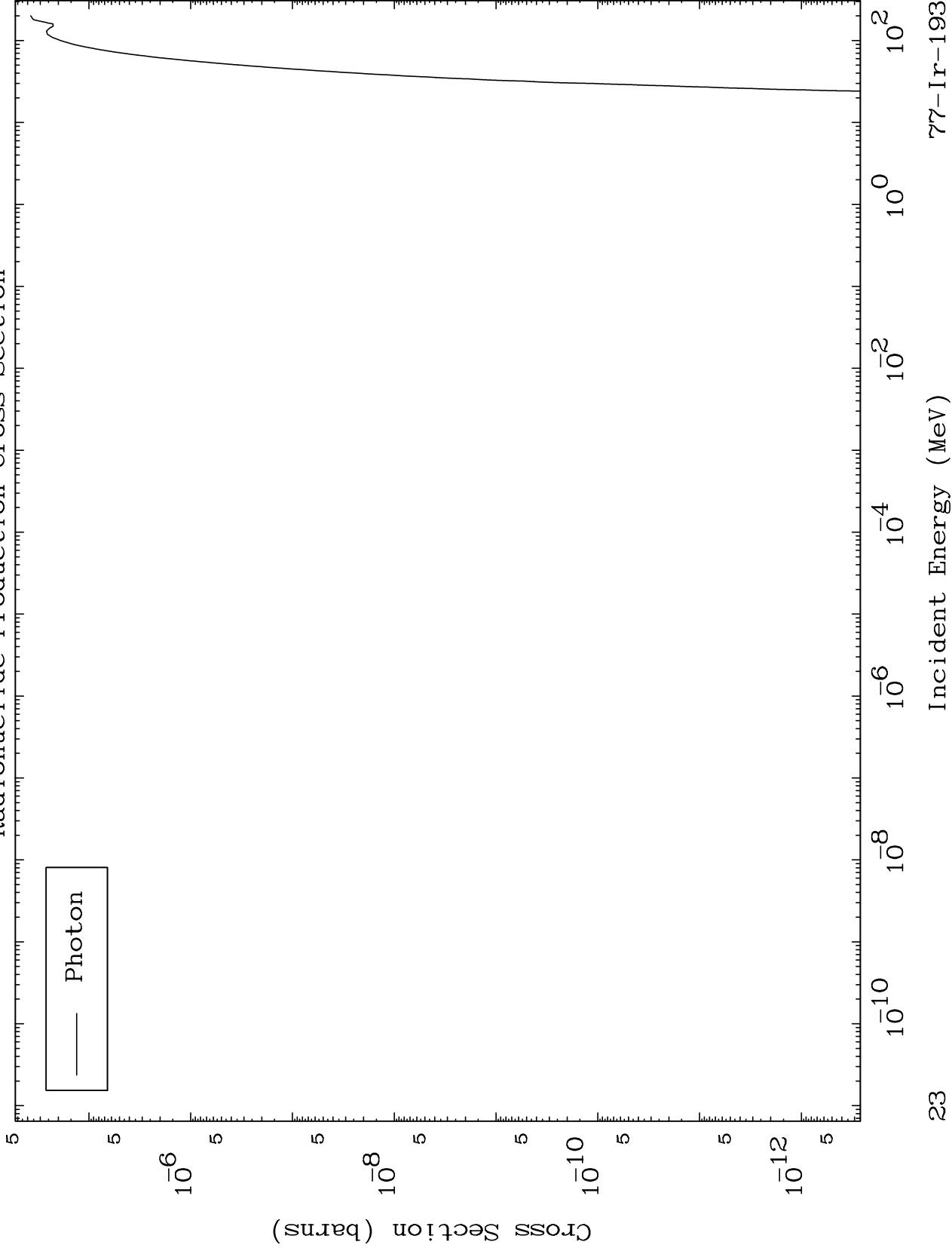


MAT 7732

Fission

⁷⁷Ir-193

Radionuclide Production Cross Section

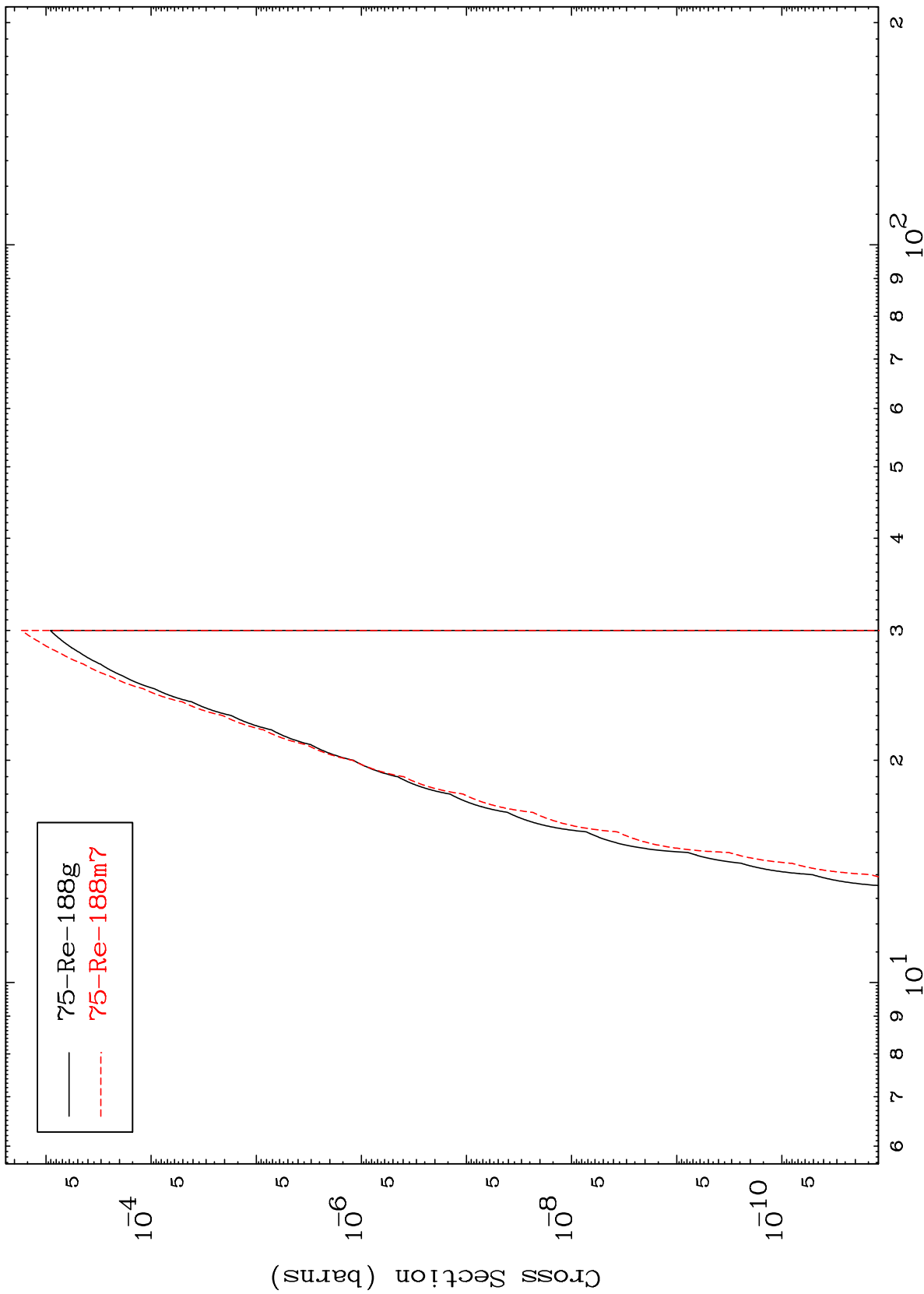


MAT 7732

$^{77}\text{Ir-193}$ α

$^{77}\text{Ir-193}$

Radionuclide Production Cross Section

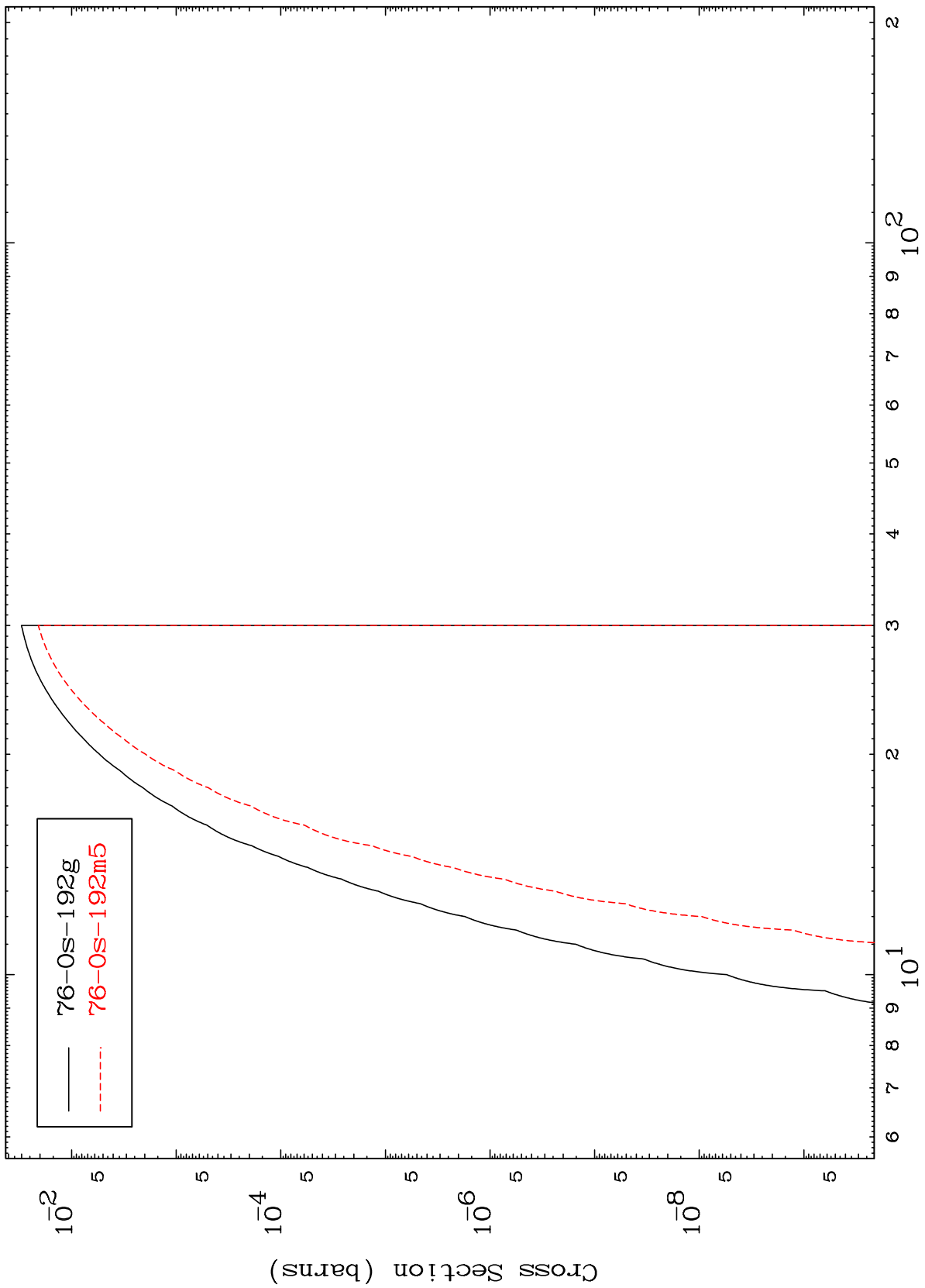


24

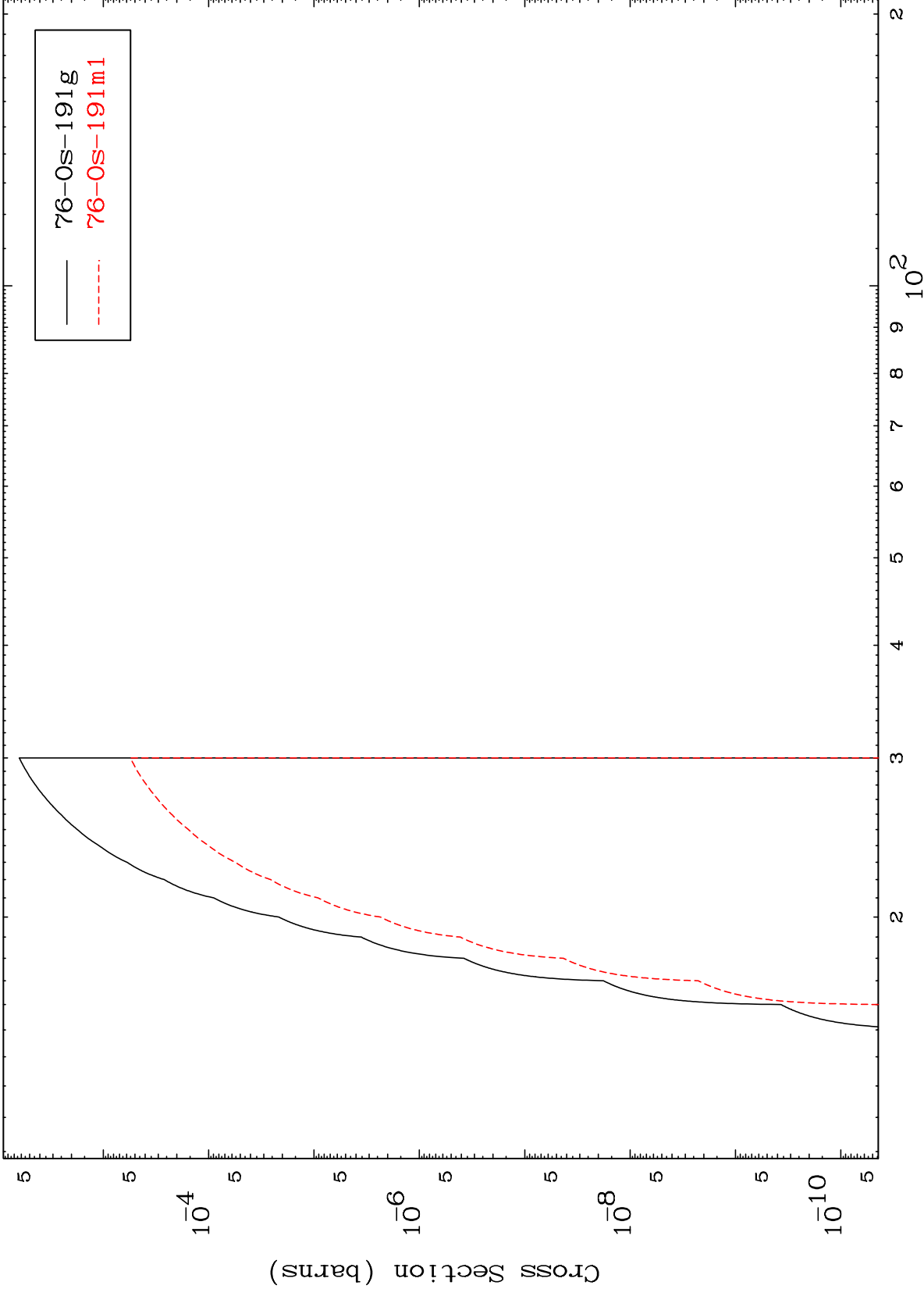
Incident Energy (MeV)

$^{77}\text{Ir-193}$

(n,n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section

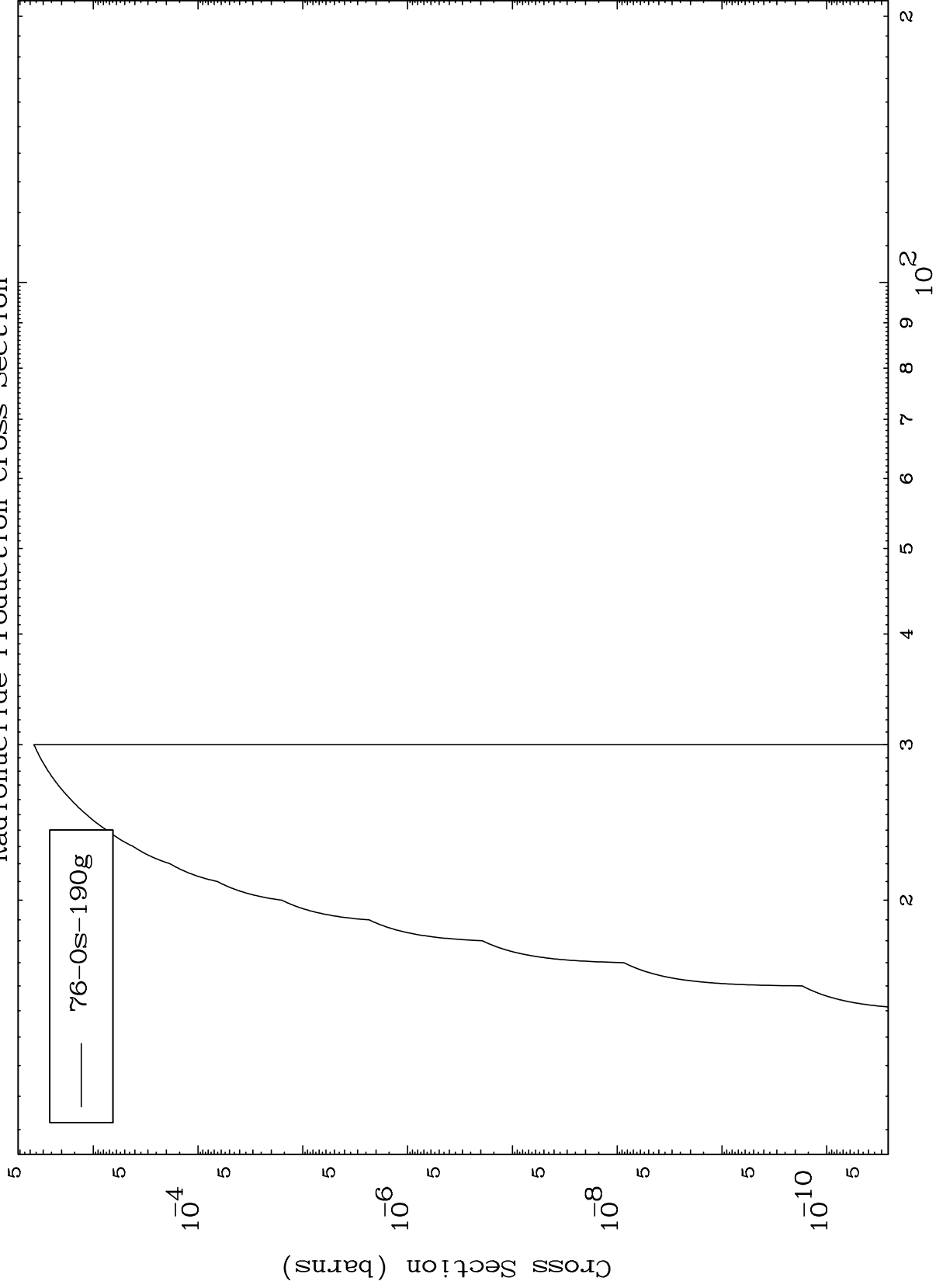


MAT 7732

(n,n') t

⁷⁷Ir-193

Radionuclide Production Cross Section

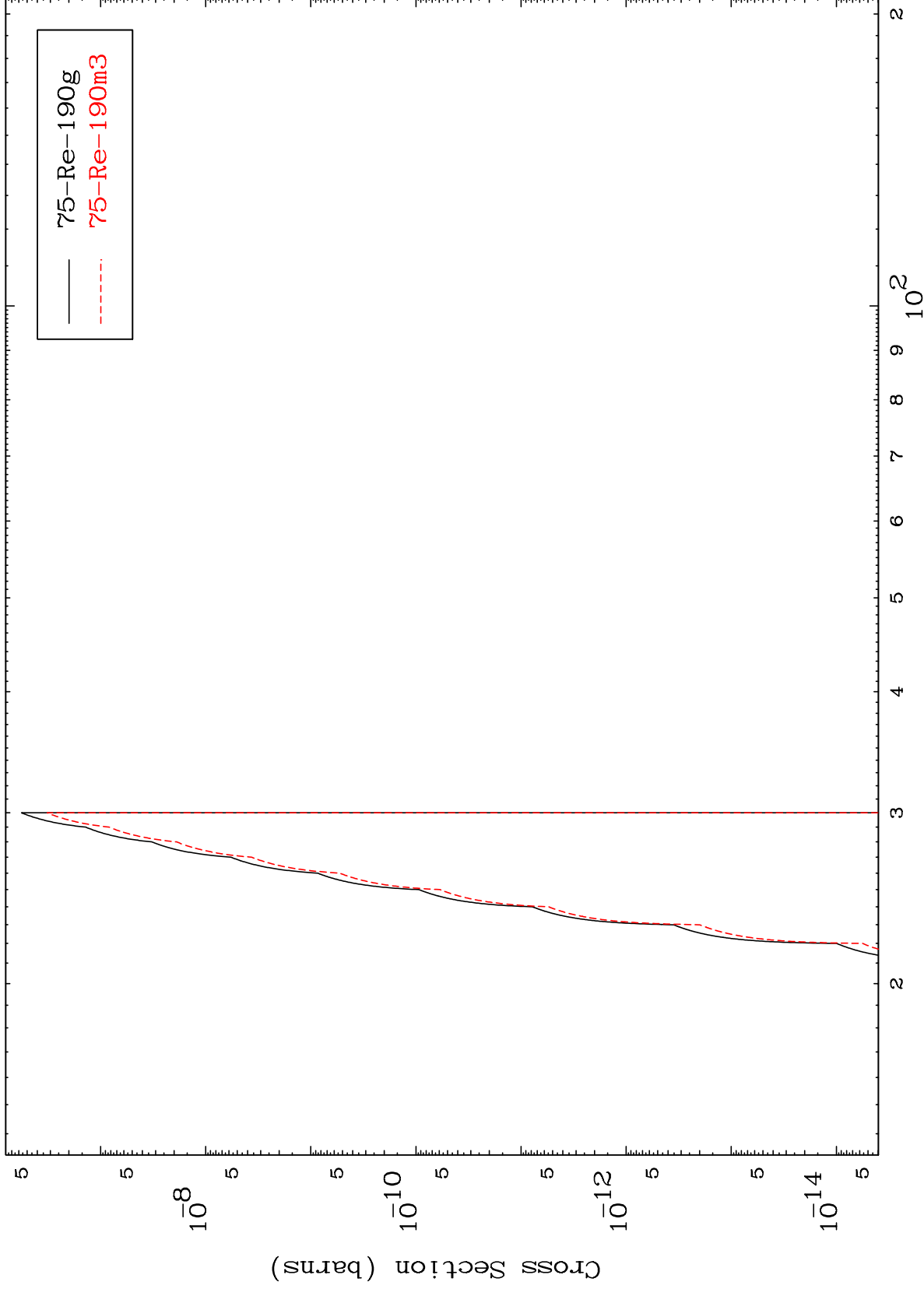


Incident Energy (MeV)

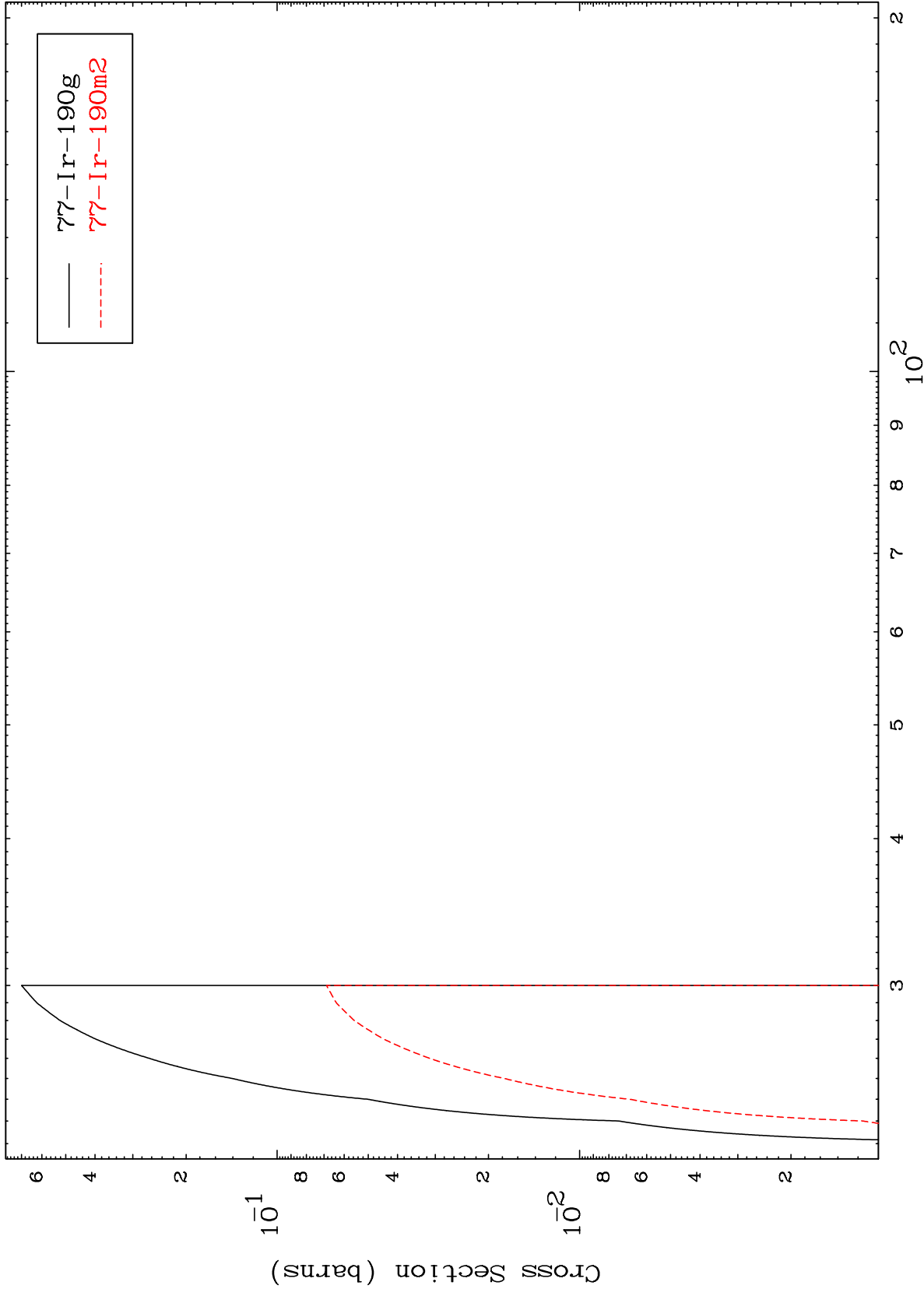
⁷⁷Ir-193

27

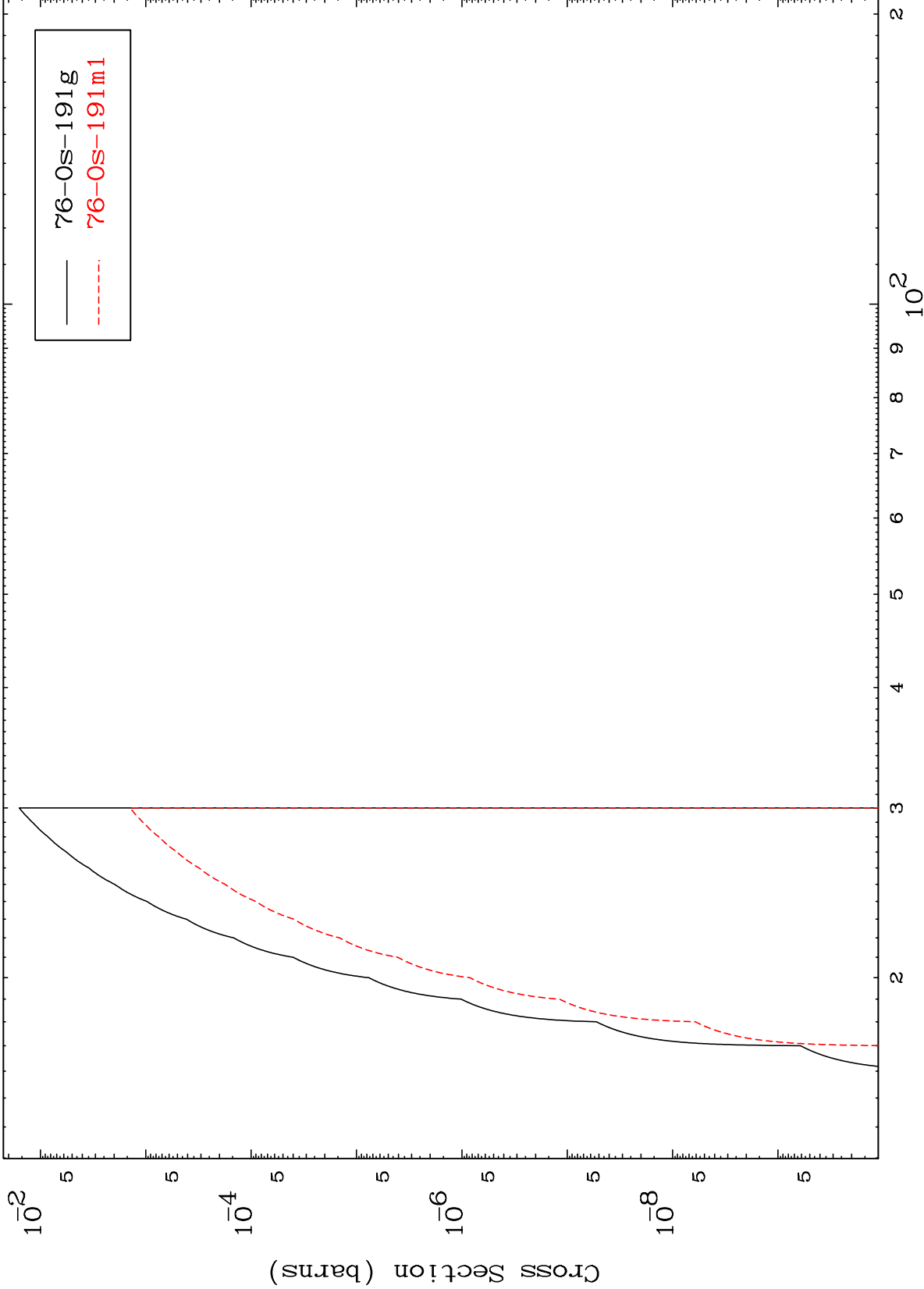
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



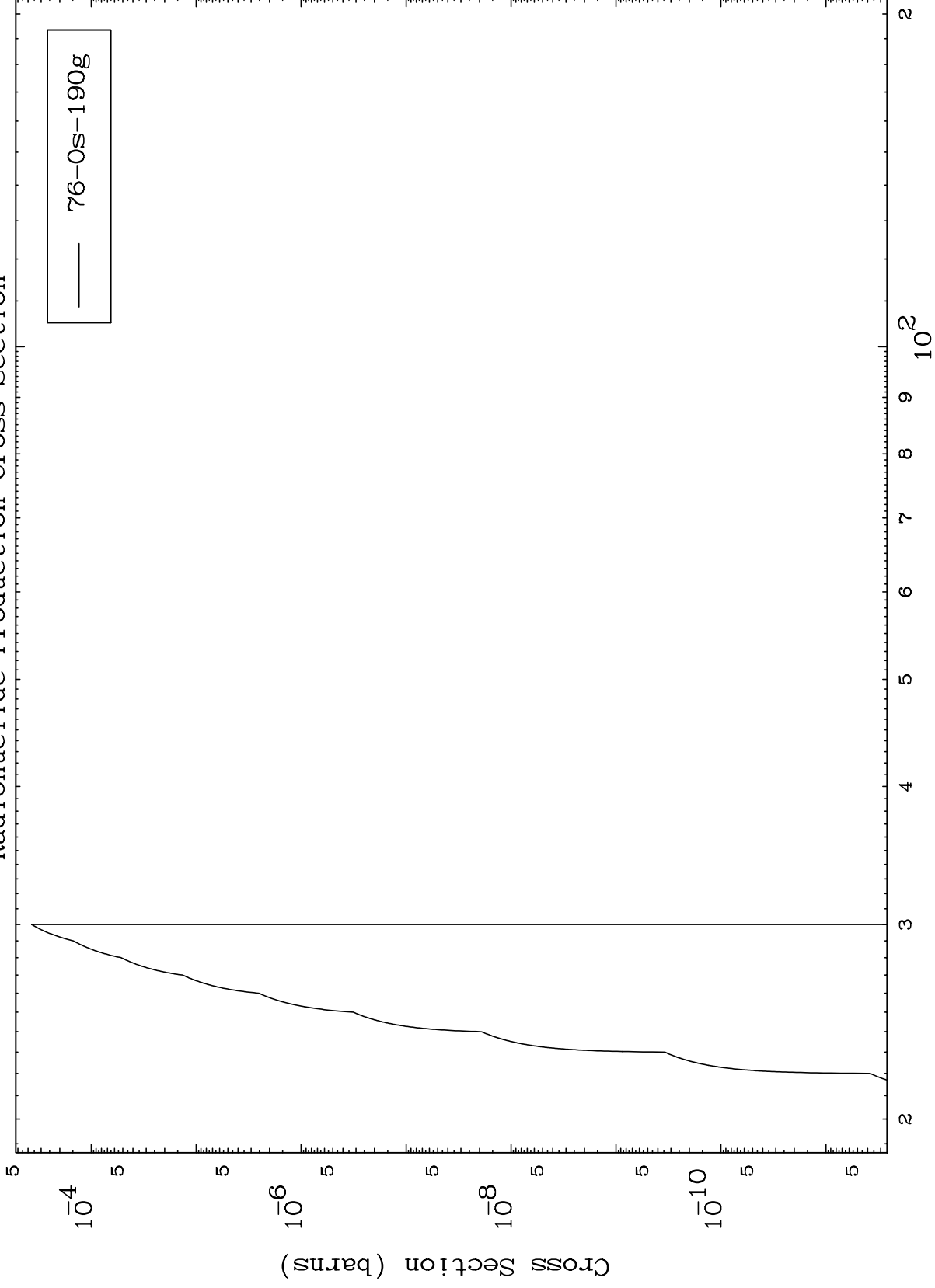
76-Os-191g
76-Os-191m1

MAT 7732

(n,3n) p

77-Ir-193

Radionuclide Production Cross Section



31

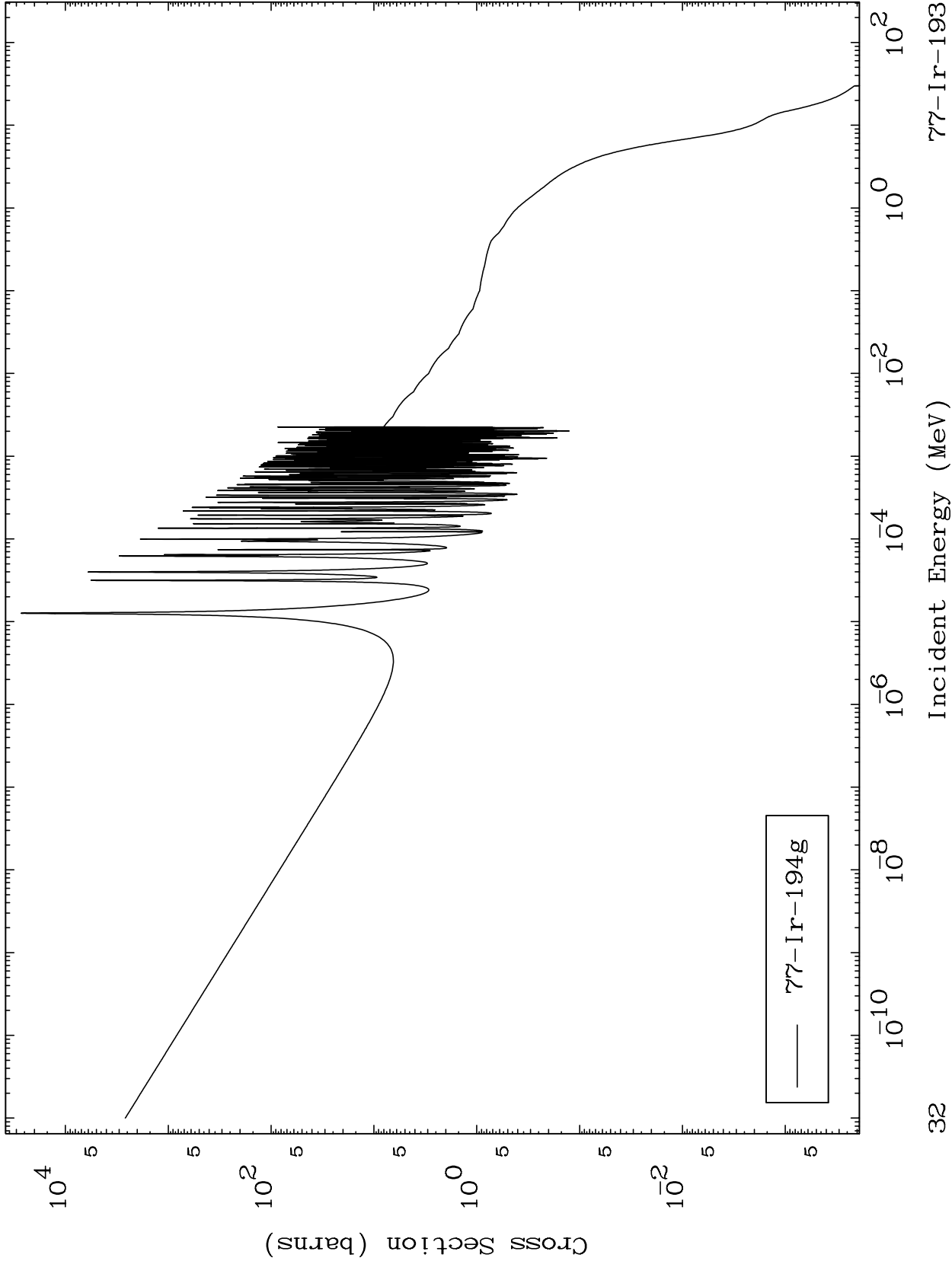
Incident Energy (MeV)

77-Ir-193

MAT 7732

77-Ir-193

(n, γ)
Radionuclide Production Cross Section



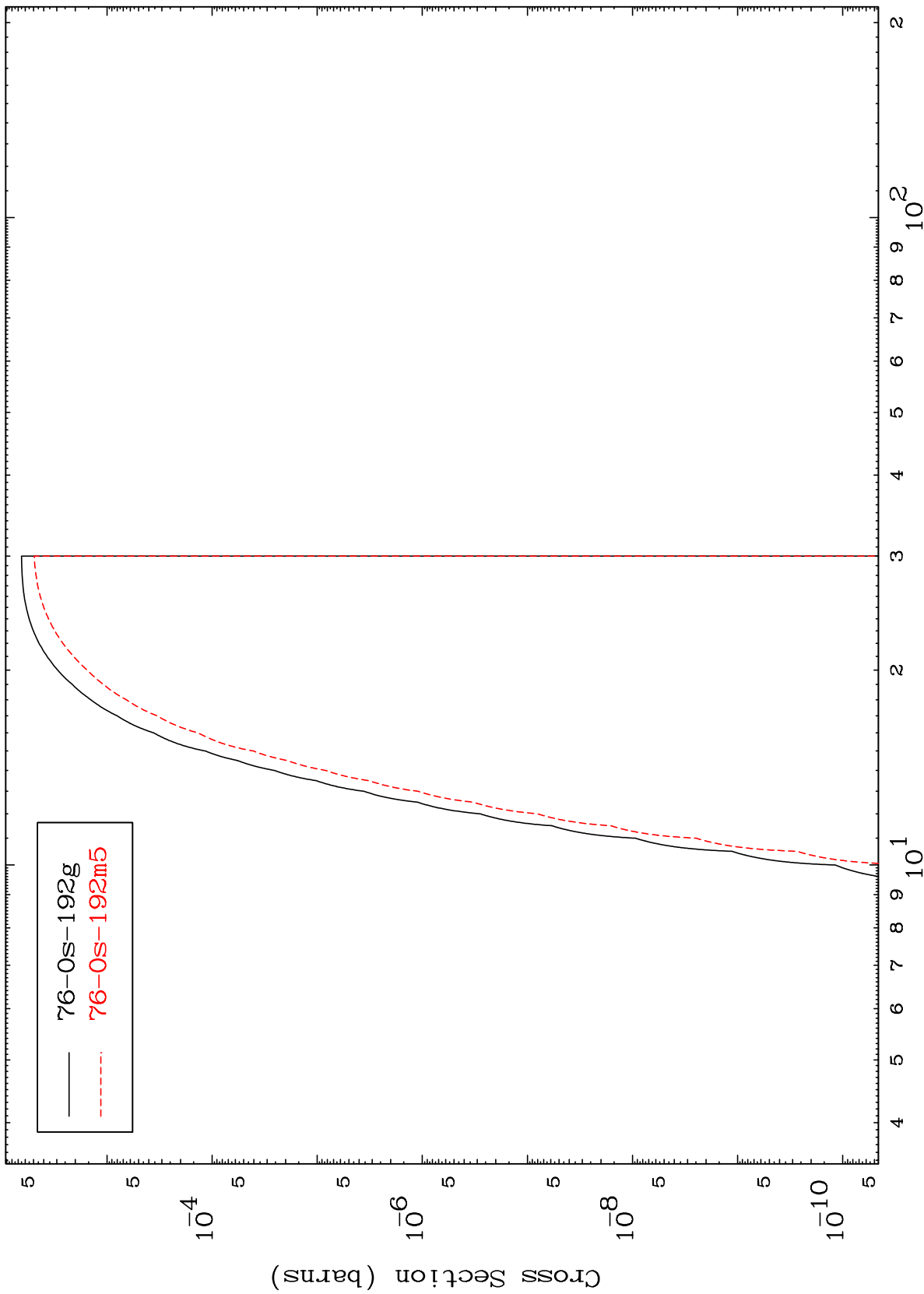
32

77-Ir-193

MAT 7732

77-Ir-193

(n,d)
Radionuclide Production Cross Section



— 76-0s-192g
- - - 76-0s-192m5

77-Ir-193

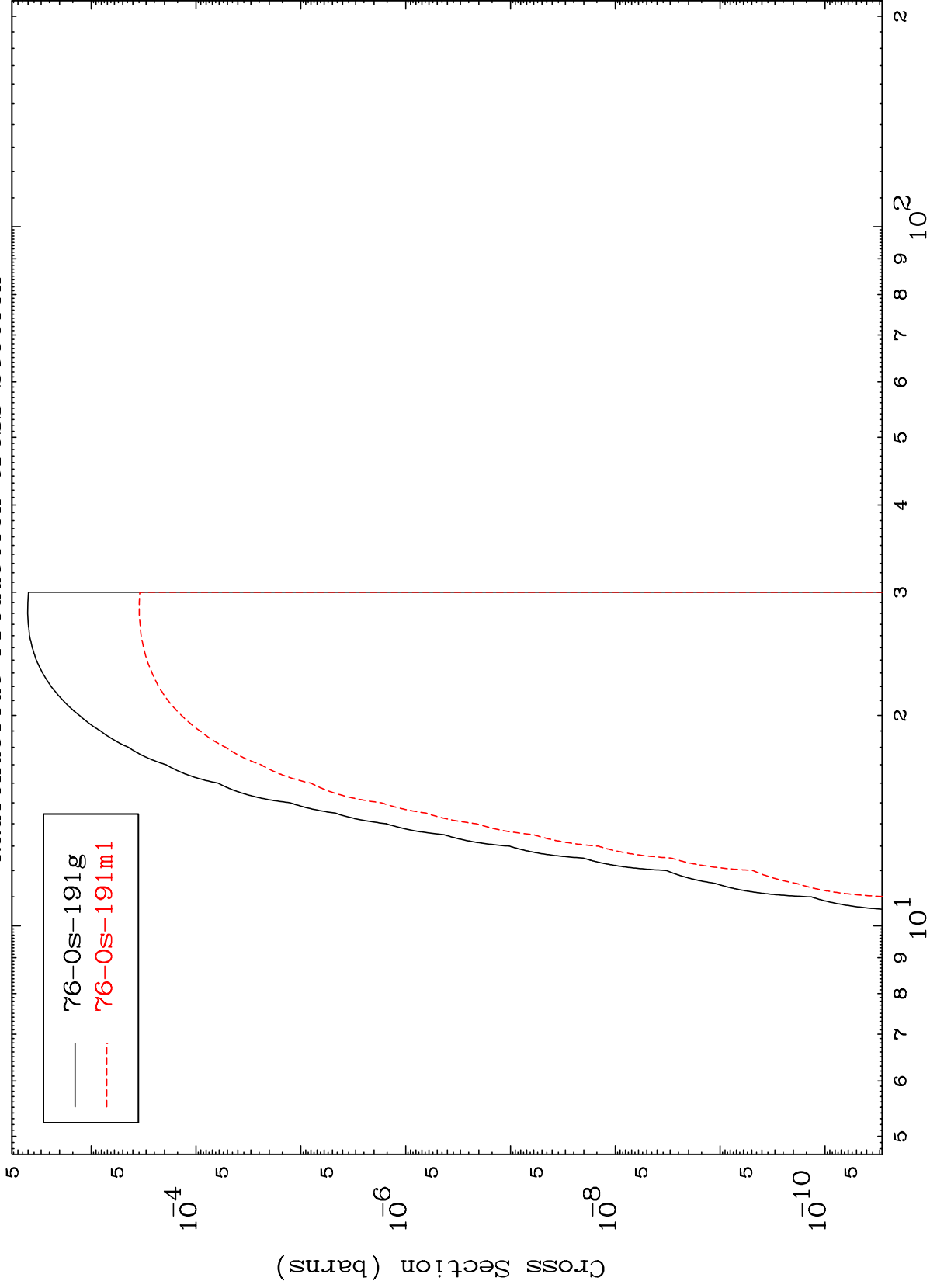
Incident Energy (MeV)

33

MAT 7732

77-Ir-193

(n, t)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

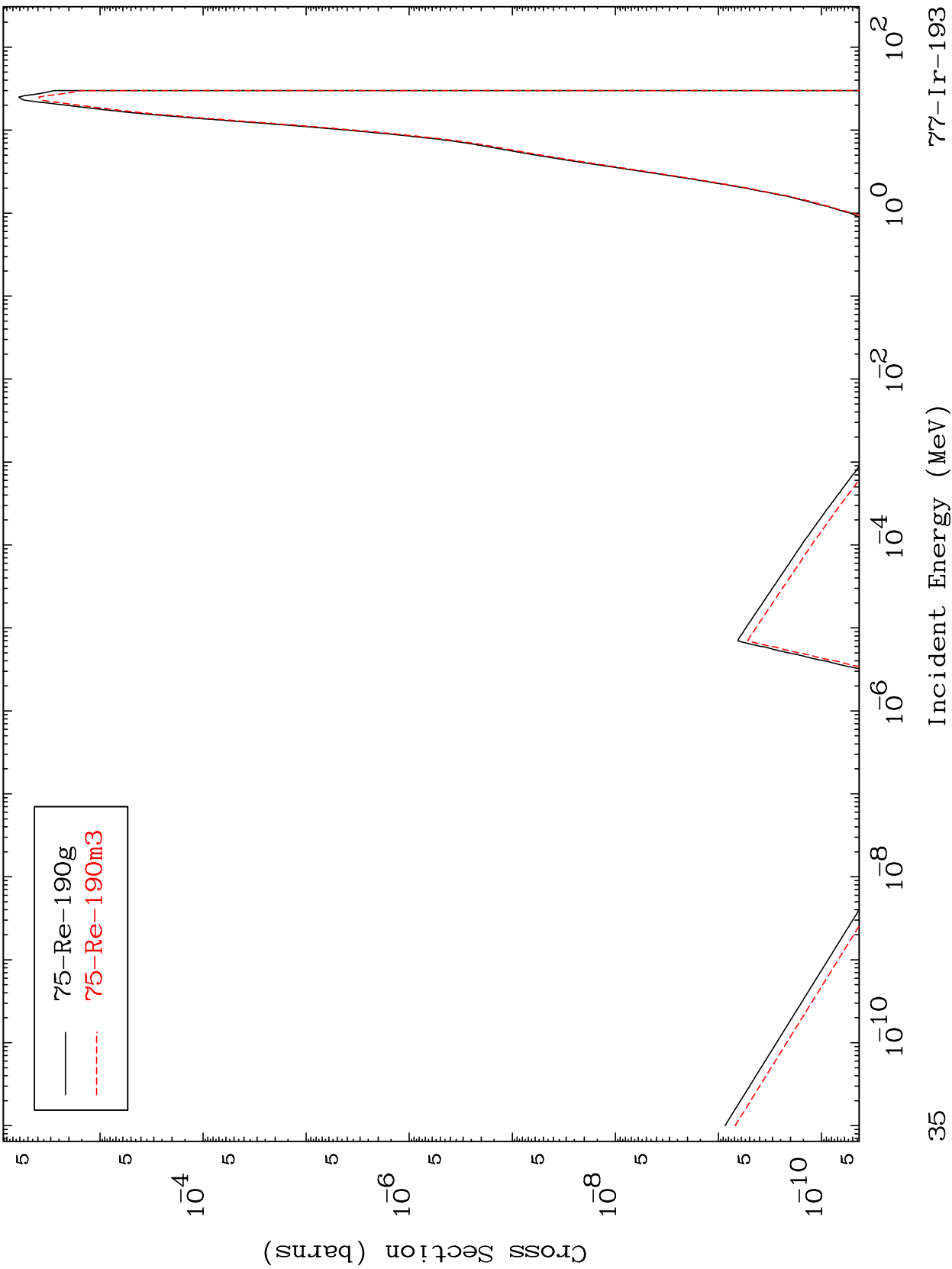
77-Ir-193

MAT 7732

(n, α)

⁷⁷Ir-193

Radionuclide Production Cross Section

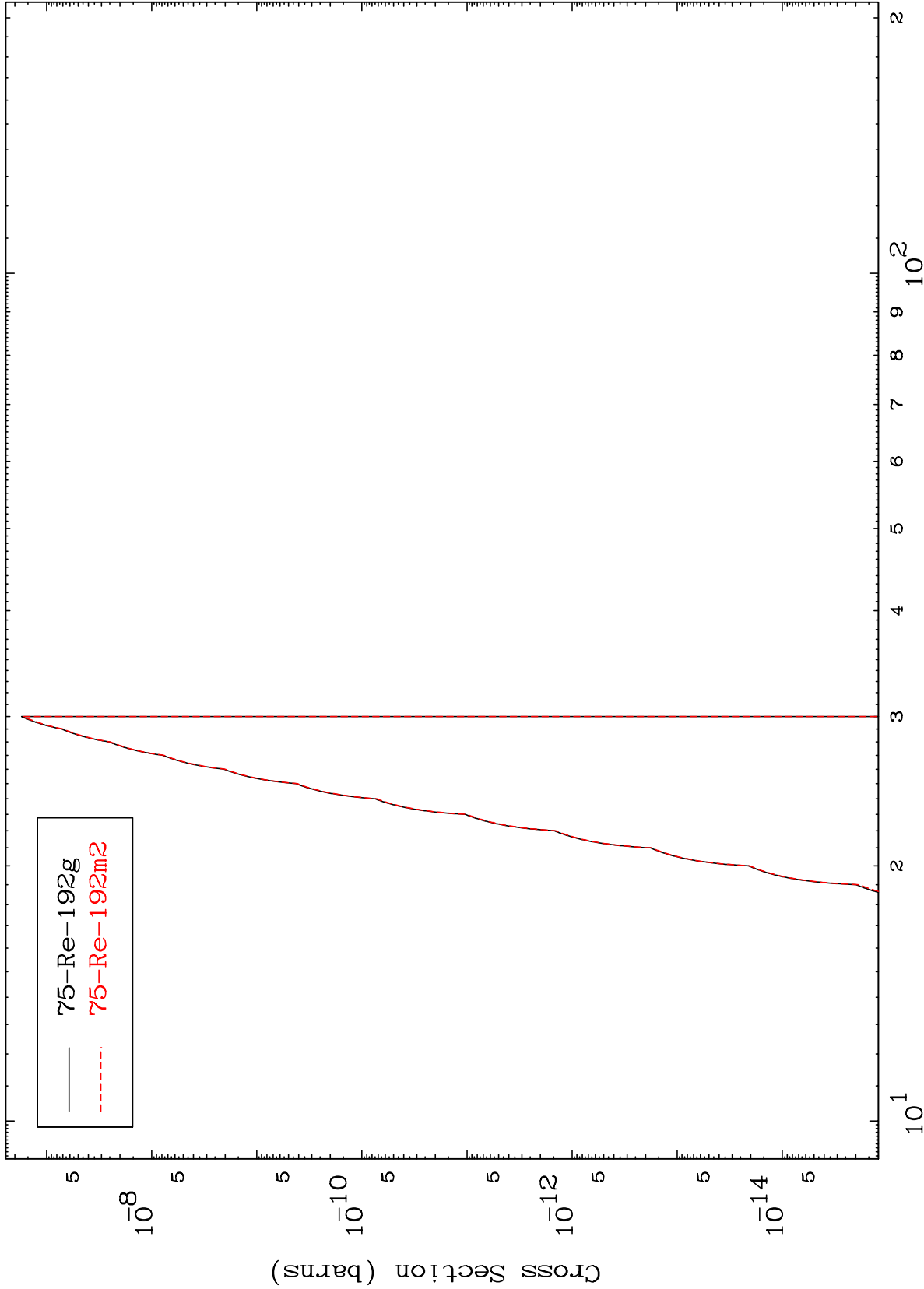


MAT 7732

(n,2p)

⁷⁷Ir-193

Radionuclide Production Cross Section



— 75-Re-192g
- - - 75-Re-192m2

36

Incident Energy (MeV)

⁷⁷Ir-193