

Program EVALPLOT
(Version 2021-1)

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

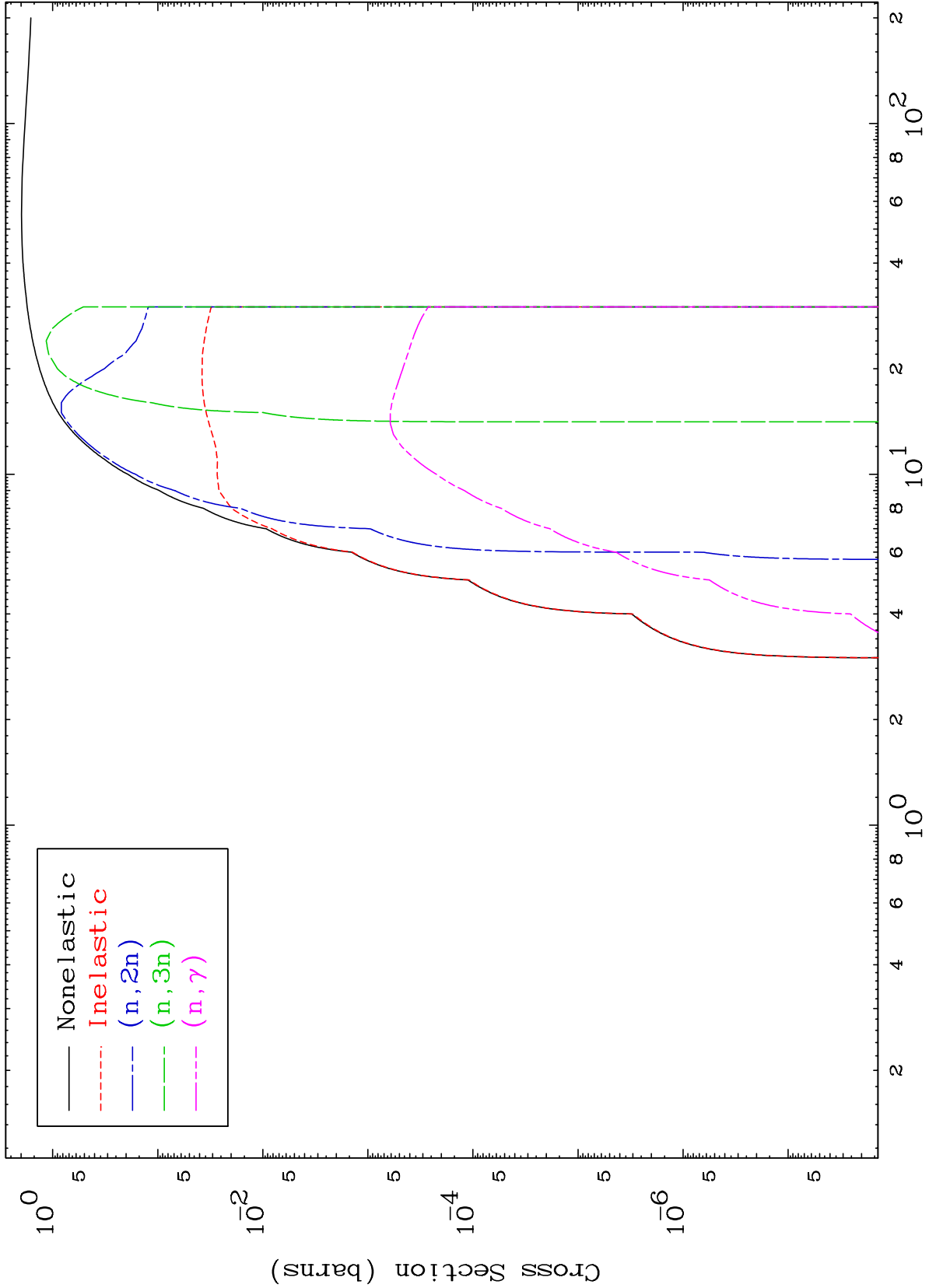
Press Mouse Button to Start

MAT 7738

Proton Major

77-Ir-195m

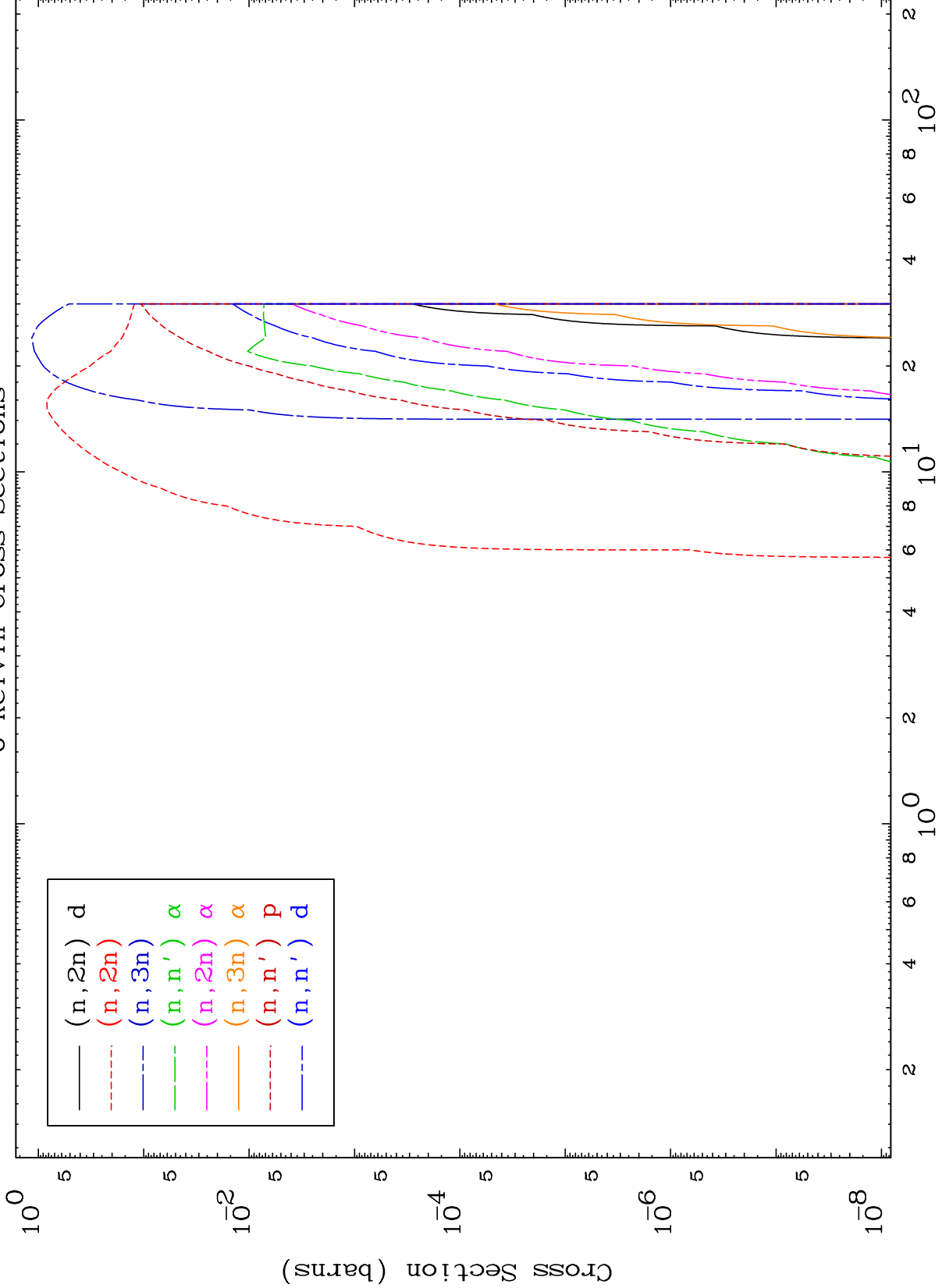
0 Kelvin Cross Sections



MAT 7738

Proton Neutron Absorption
0 Kelvin Cross Sections

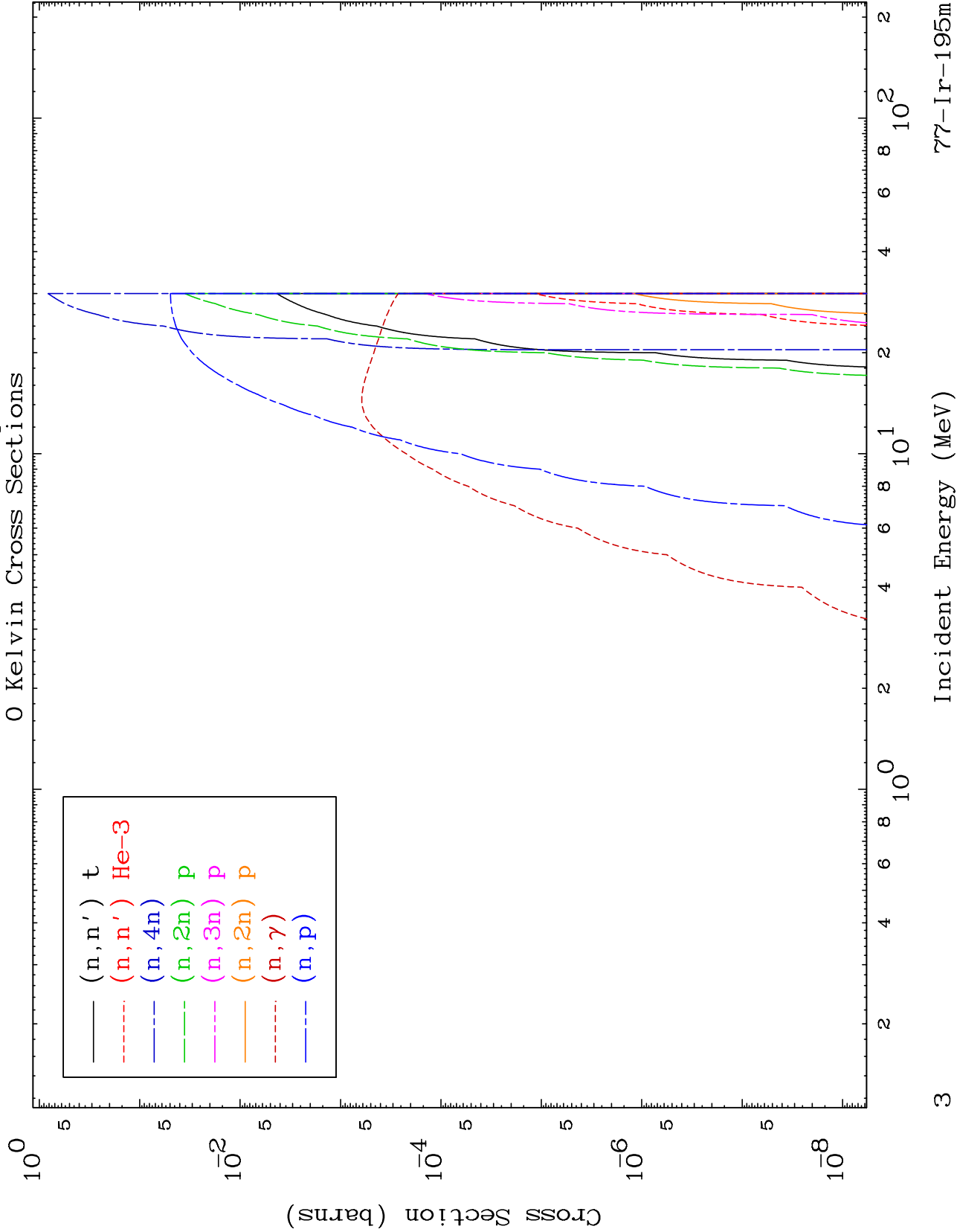
77-Ir-195m



MAT 7738

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-195m



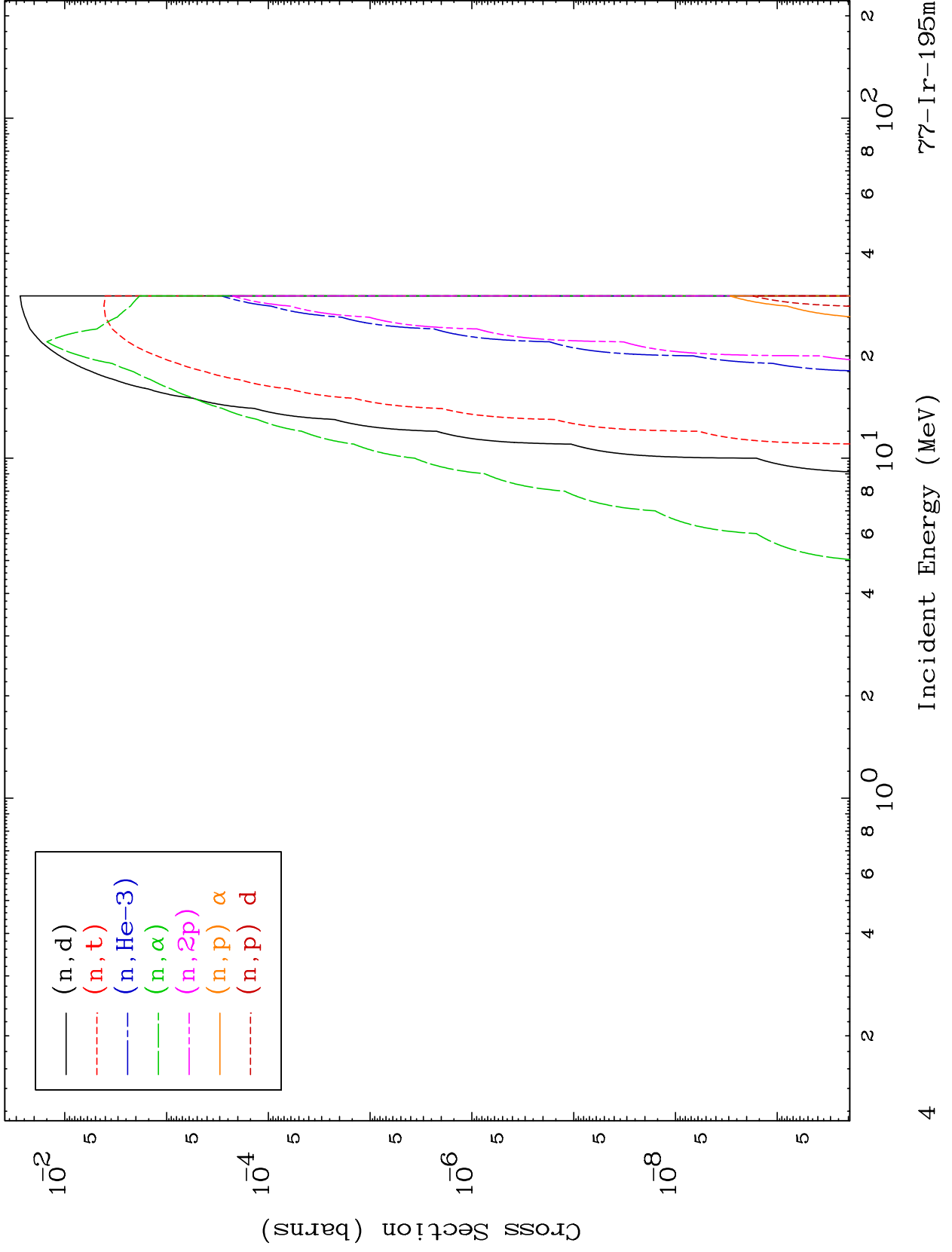
77-Ir-195m

Incident Energy (MeV)

MAT 7738

Proton Neutron Absorption
0 Kelvin Cross Sections

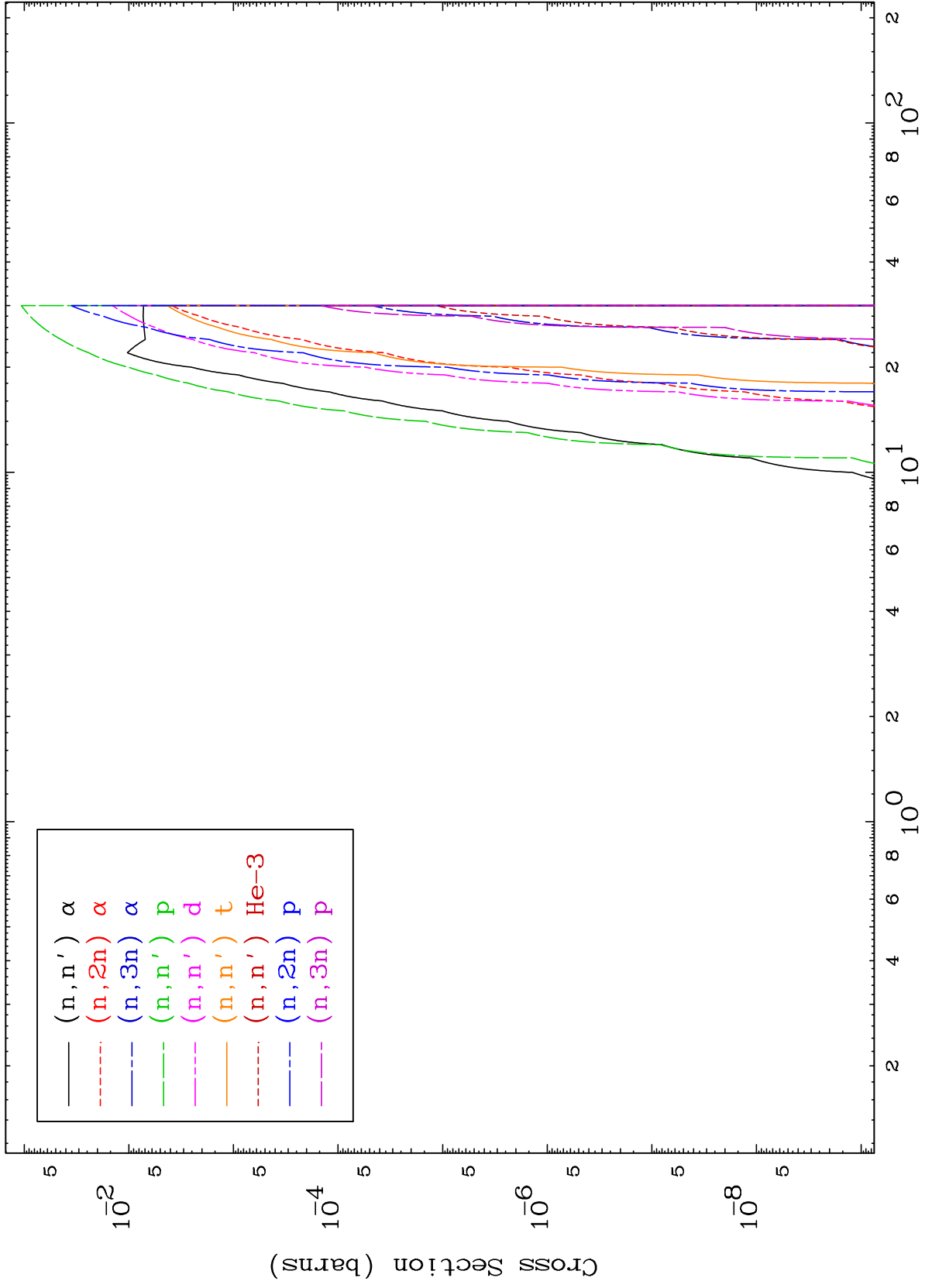
77-Ir-195m

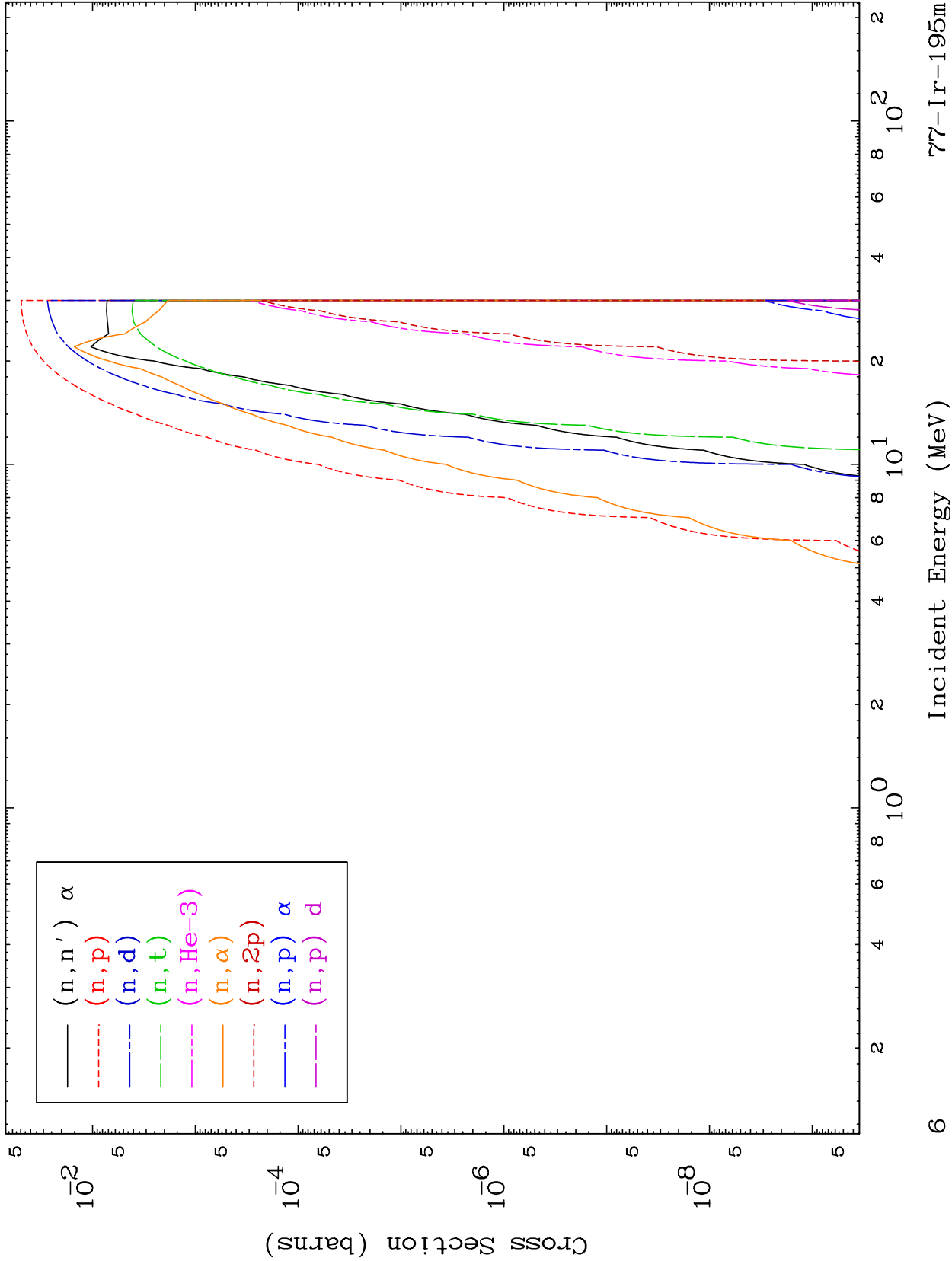


MAT 7738

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-195m



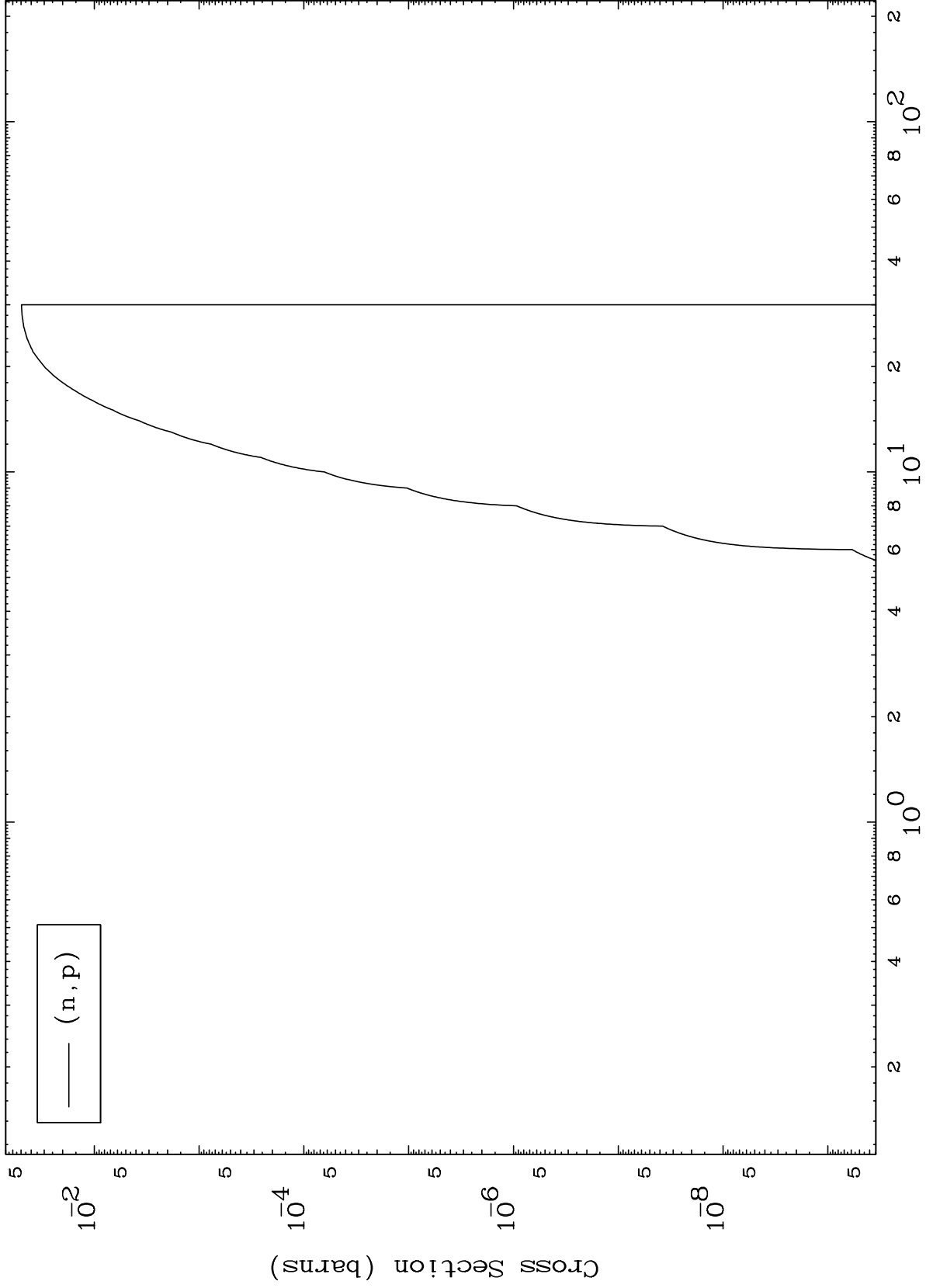


MAT 7738

(p,p) Levels

77-Ir-195m

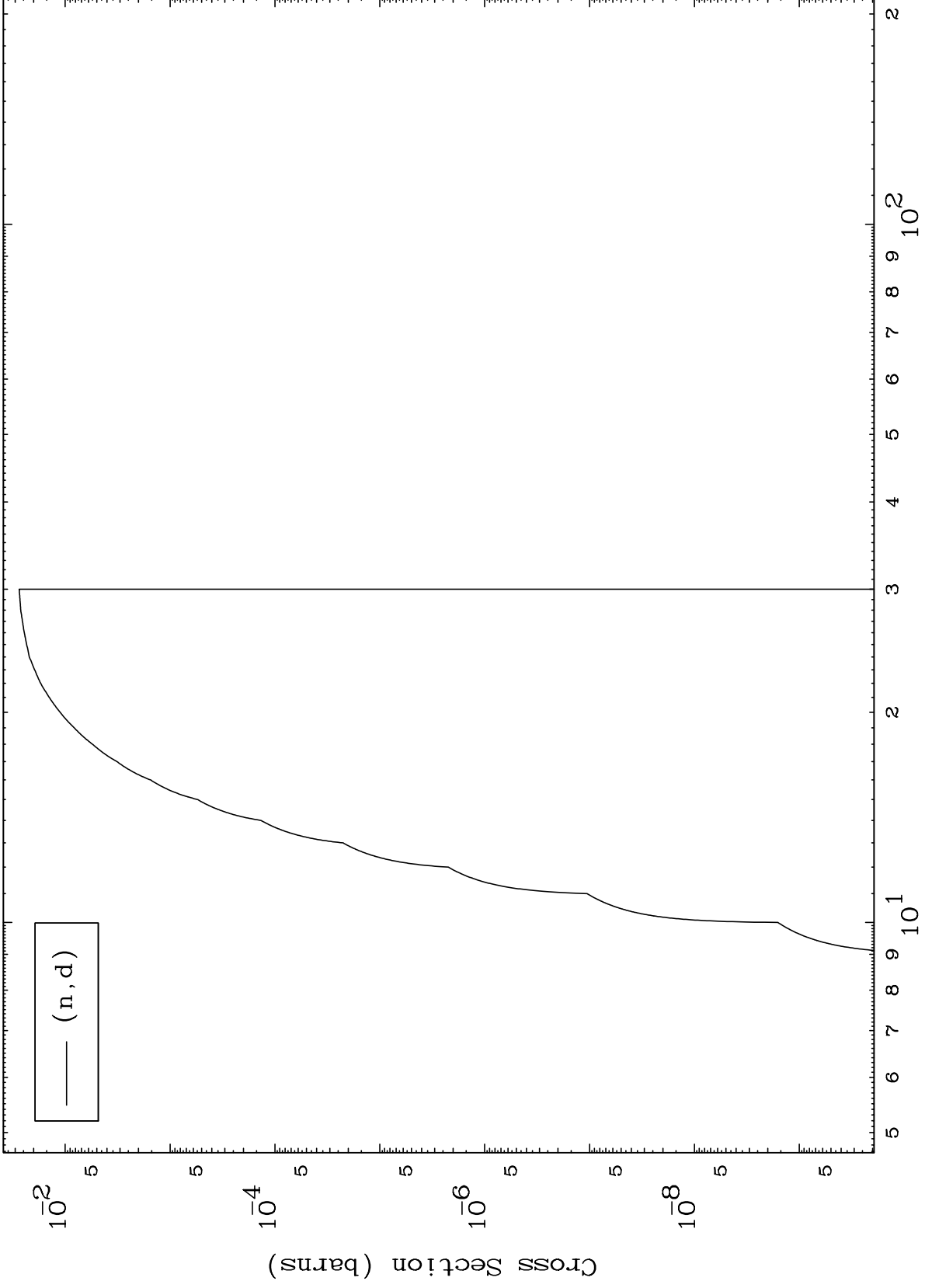
0 Kelvin Cross Sections



MAT 7738

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-195m



8

Incident Energy (MeV)

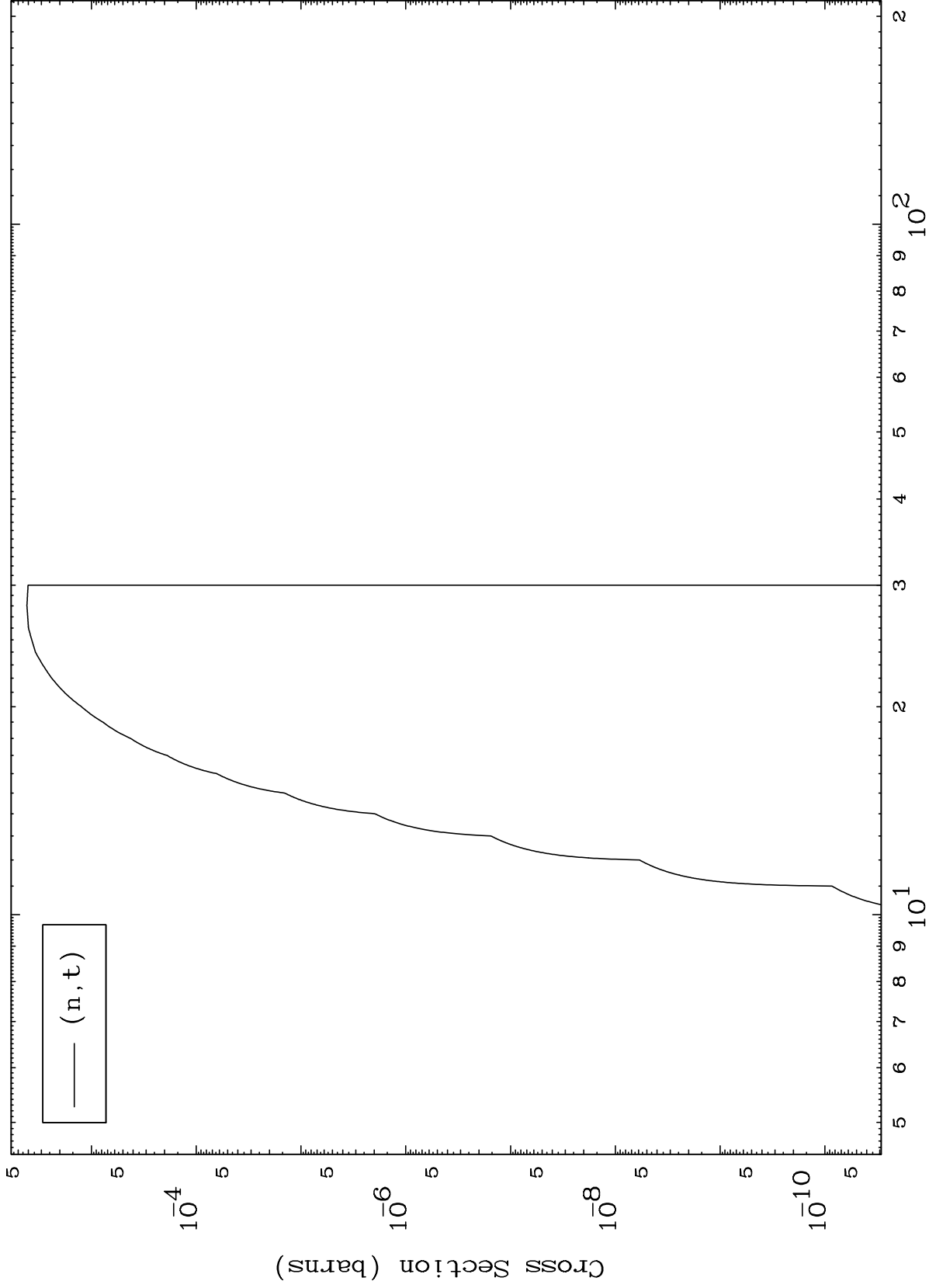
77-Ir-195m

MAT 7738

(p,t) Levels

77-Ir-195m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

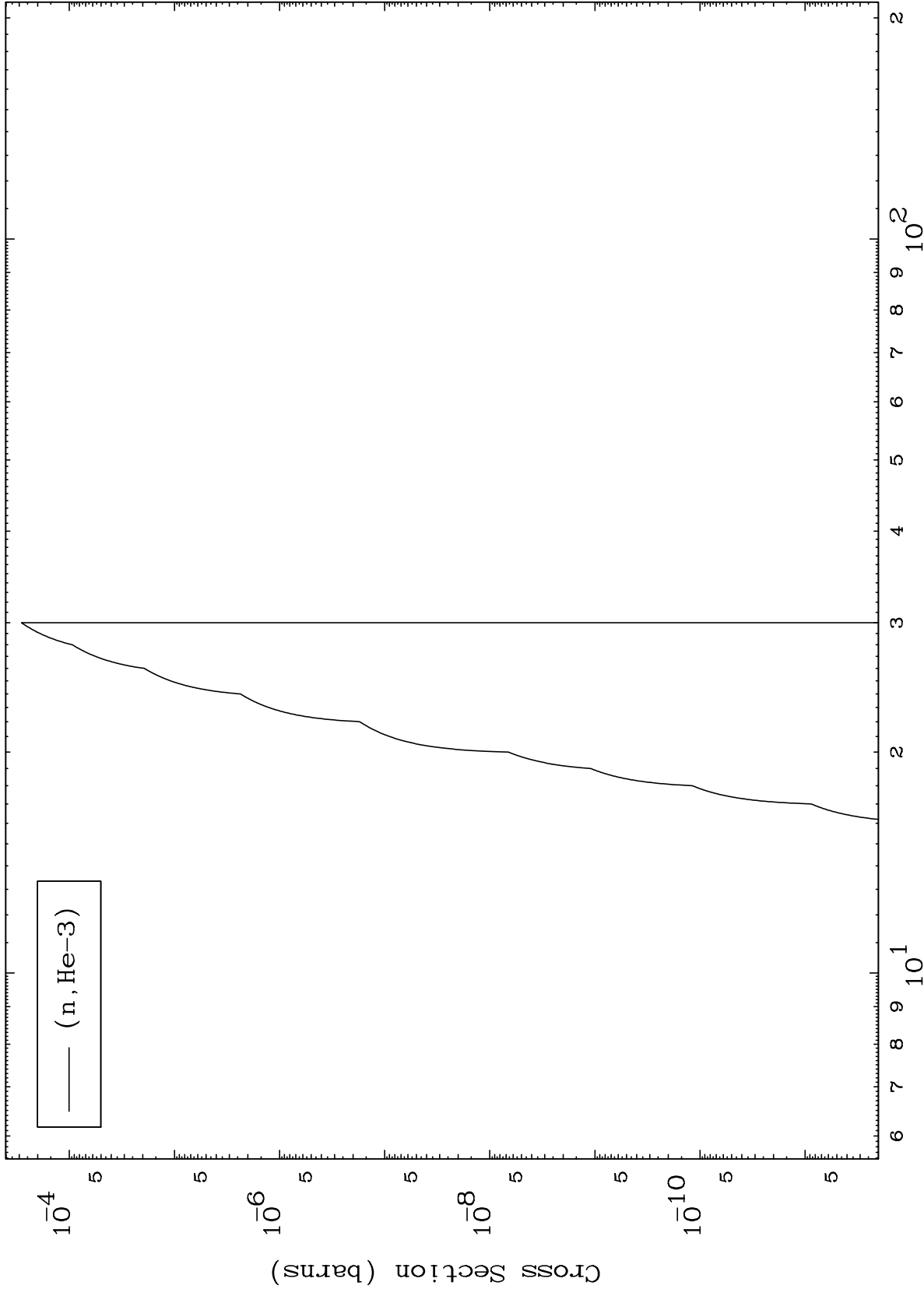
77-Ir-195m

MAT 7738

(p,He3) Levels

77-Ir-195m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

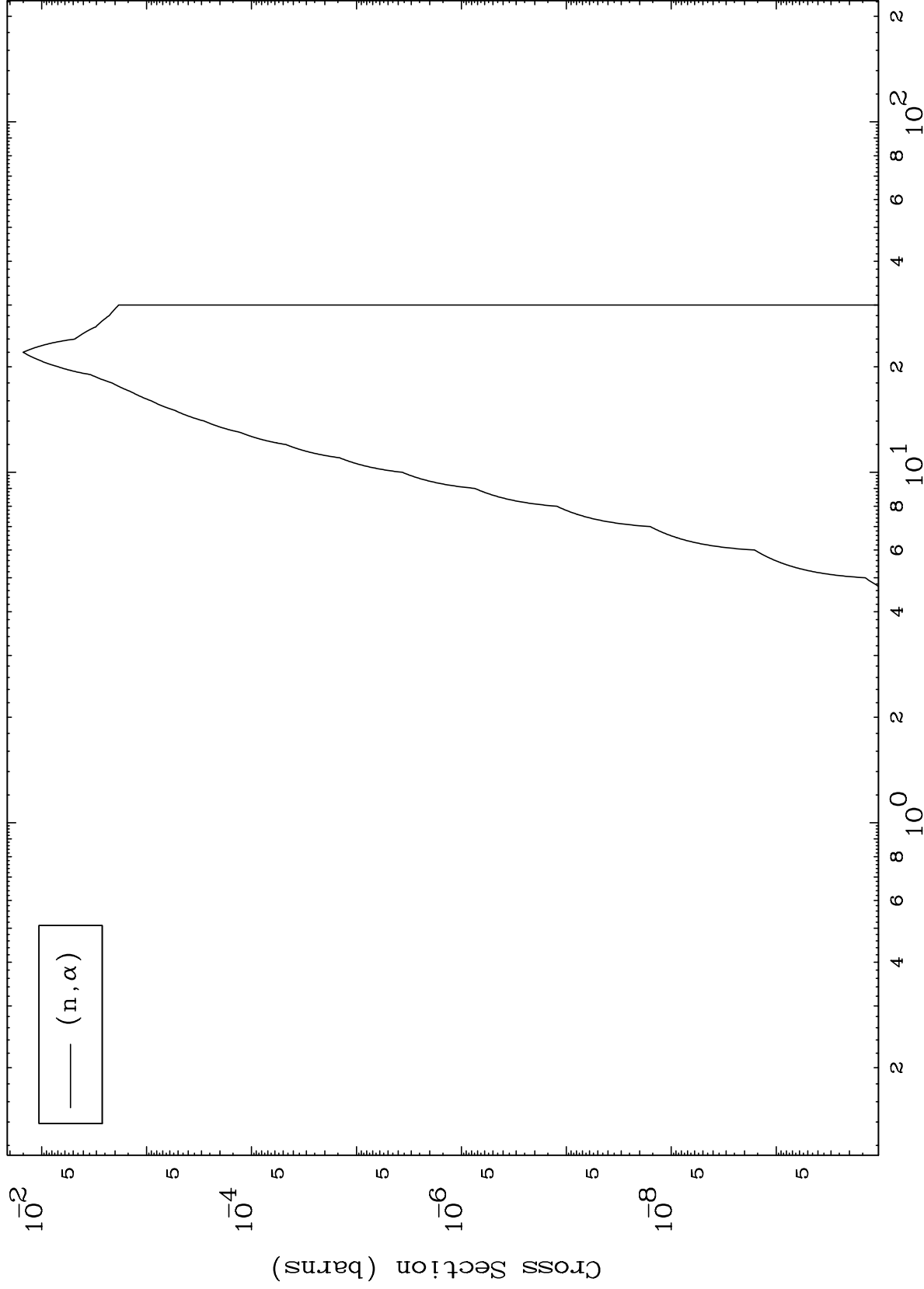
77-Ir-195m

MAT 7738

(p, α) Levels

77-Ir-195m

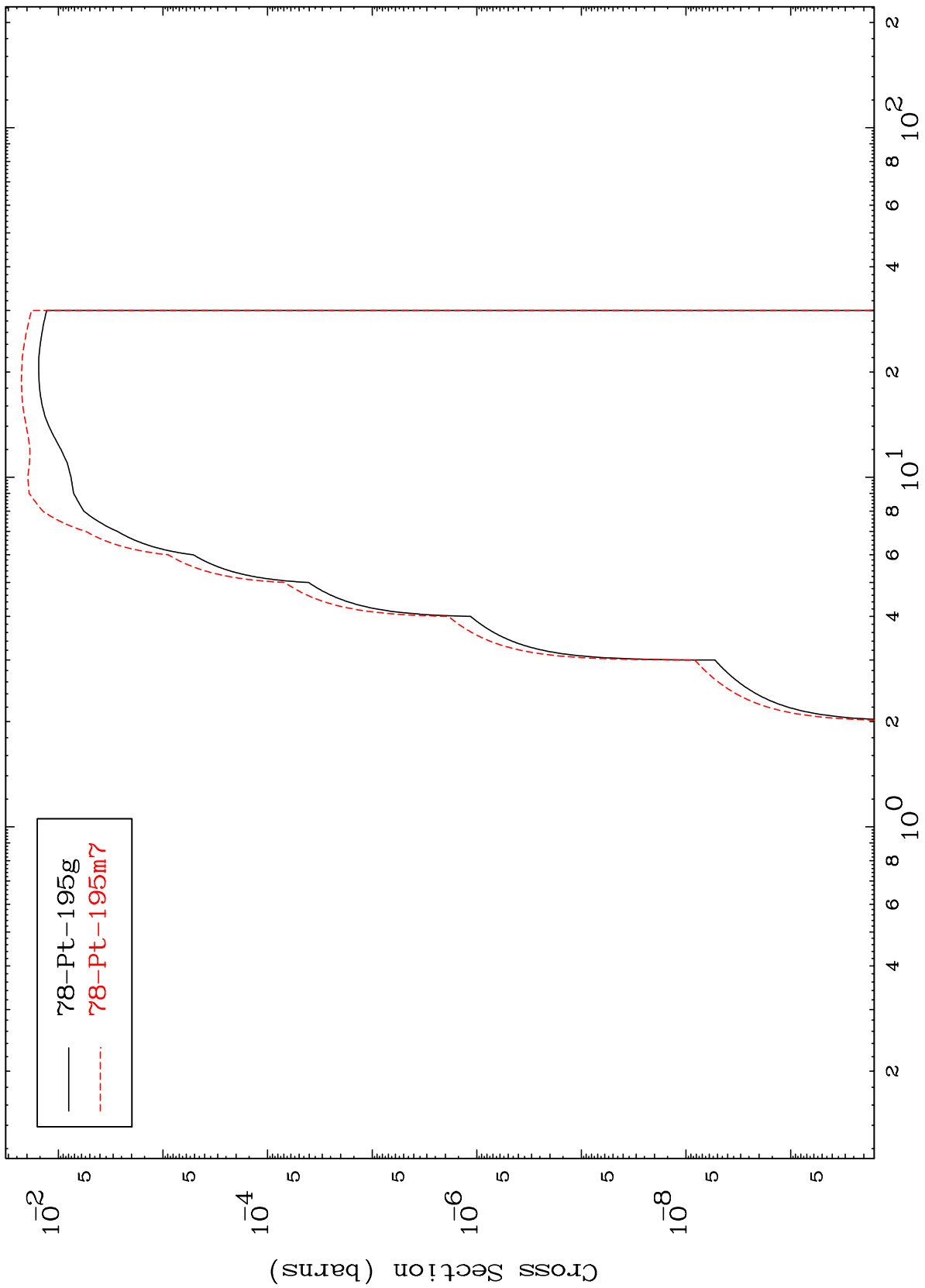
0 Kelvin Cross Sections



MAT 7738

77-Ir-195m

Inelastic
Radionuclide Production Cross Section



— 78-Pt-195g
- - - 78-Pt-195m7

77-Ir-195m

Incident Energy (MeV)

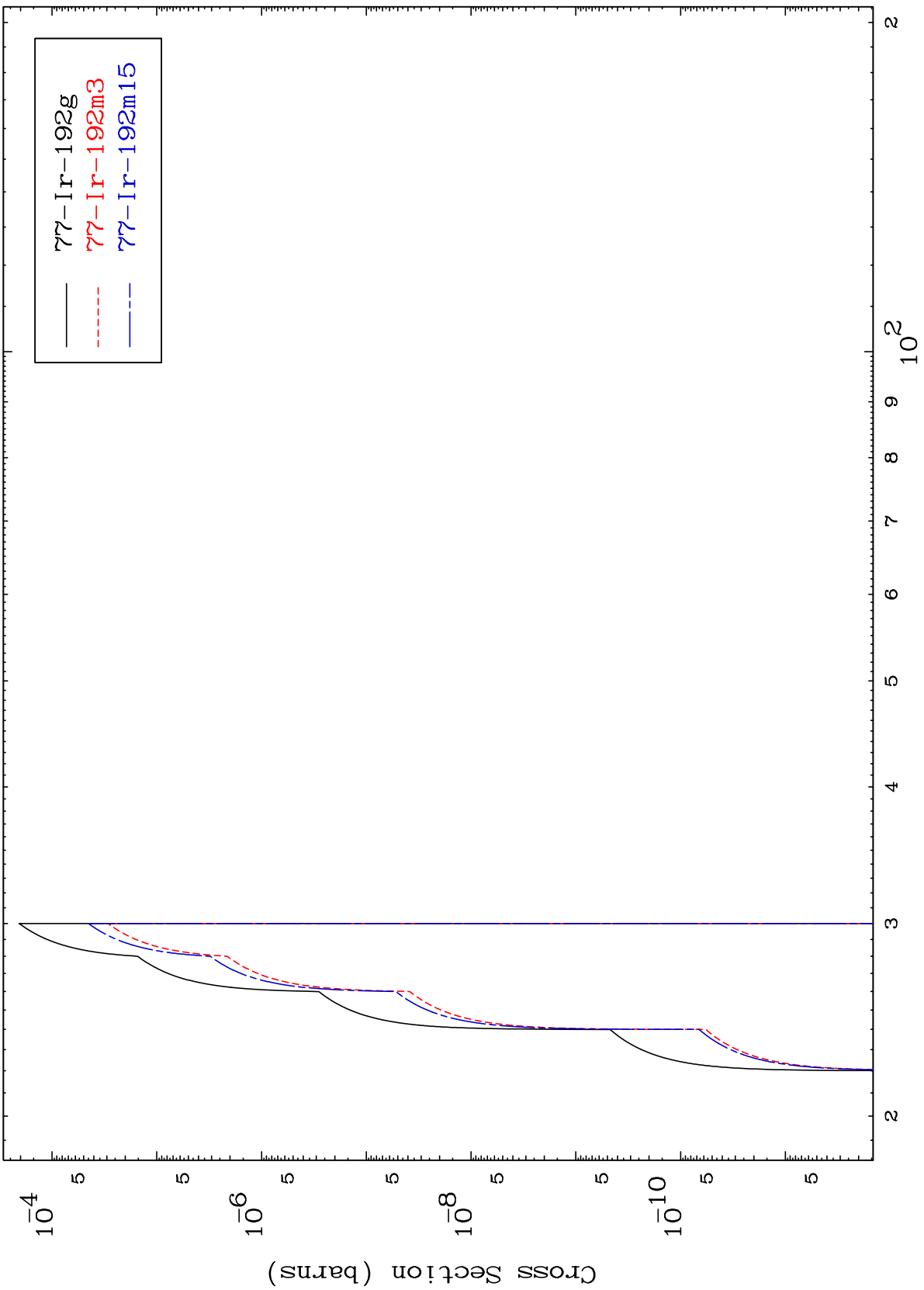
12

MAT 7738

(n,2n) d

77-Ir-195m

Radionuclide Production Cross Section



13

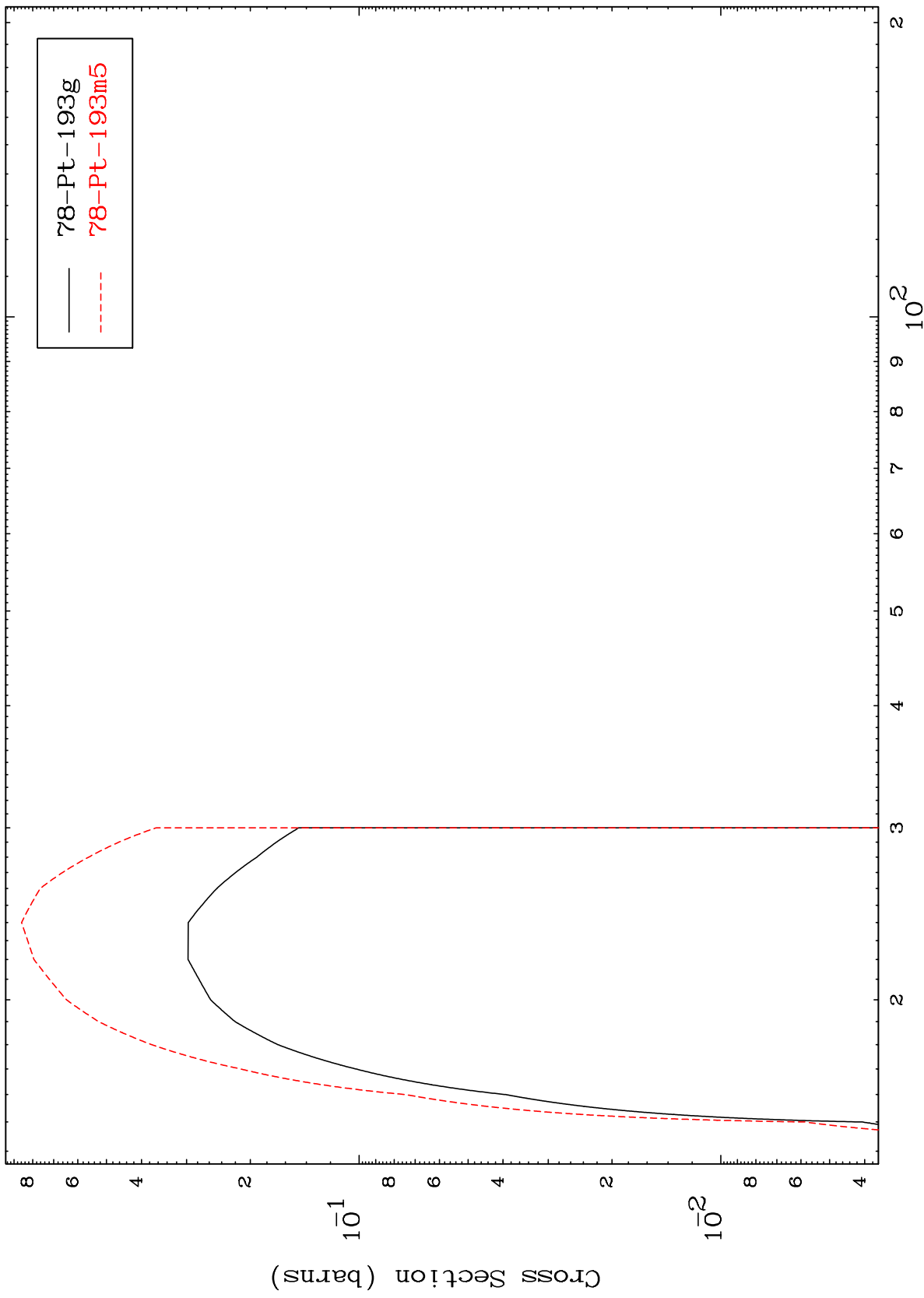
Incident Energy (MeV)

77-Ir-195m

MAT 7738

77-Ir-195m

(n,3n)
Radionuclide Production Cross Section



77-Ir-195m

Incident Energy (MeV)

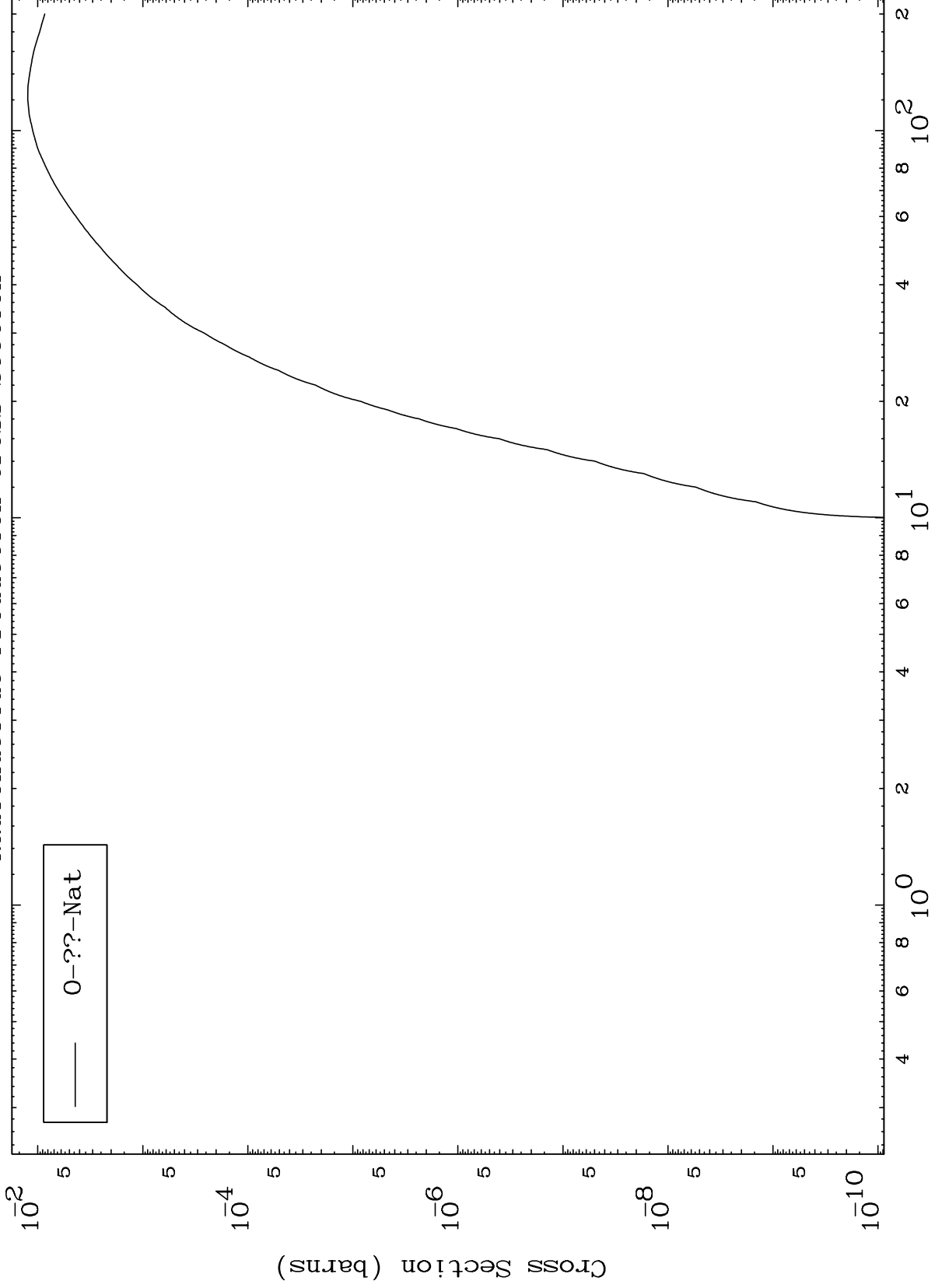
14

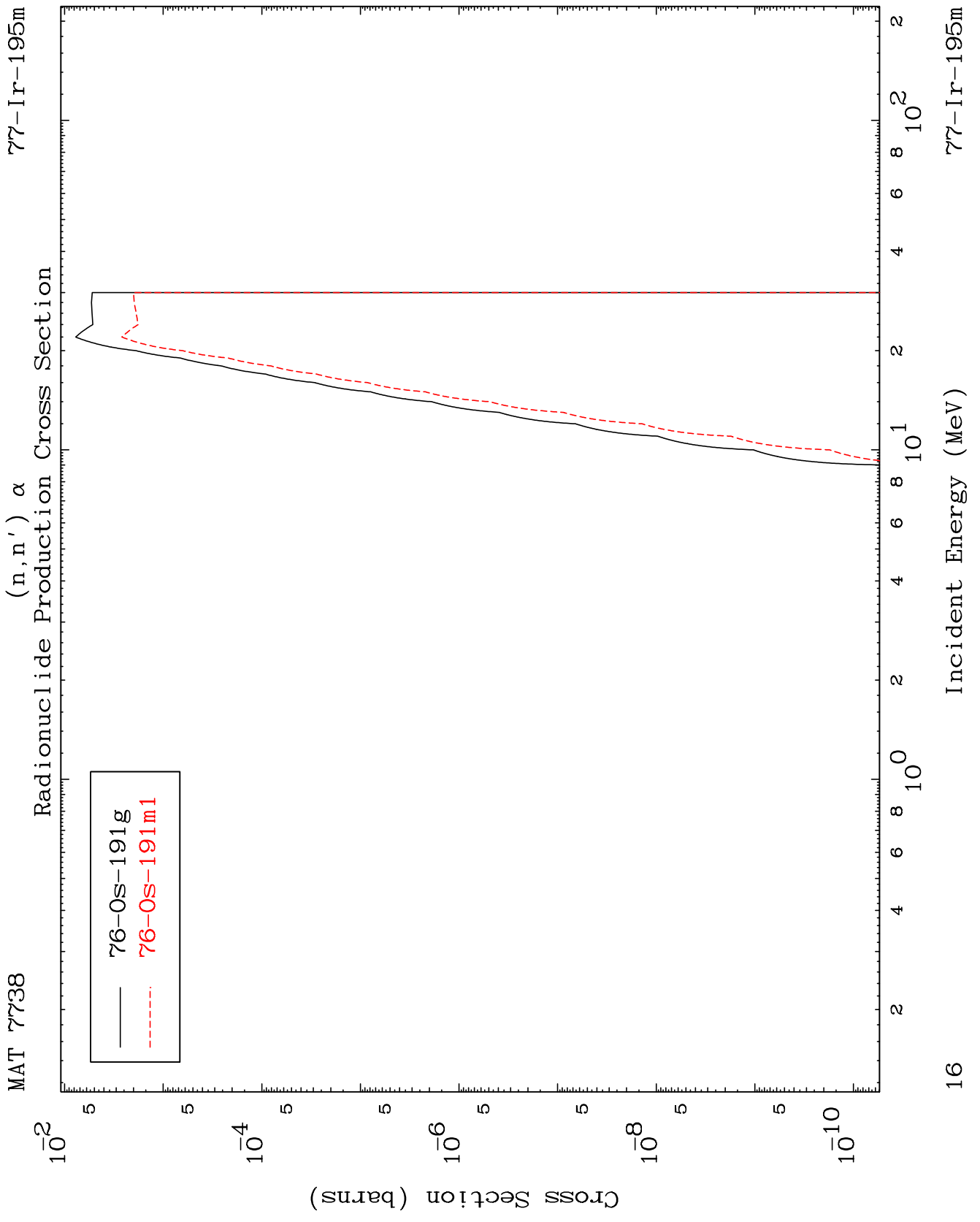
MAT 7738

Fission

⁷⁷Ir-195m

Radionuclide Production Cross Section



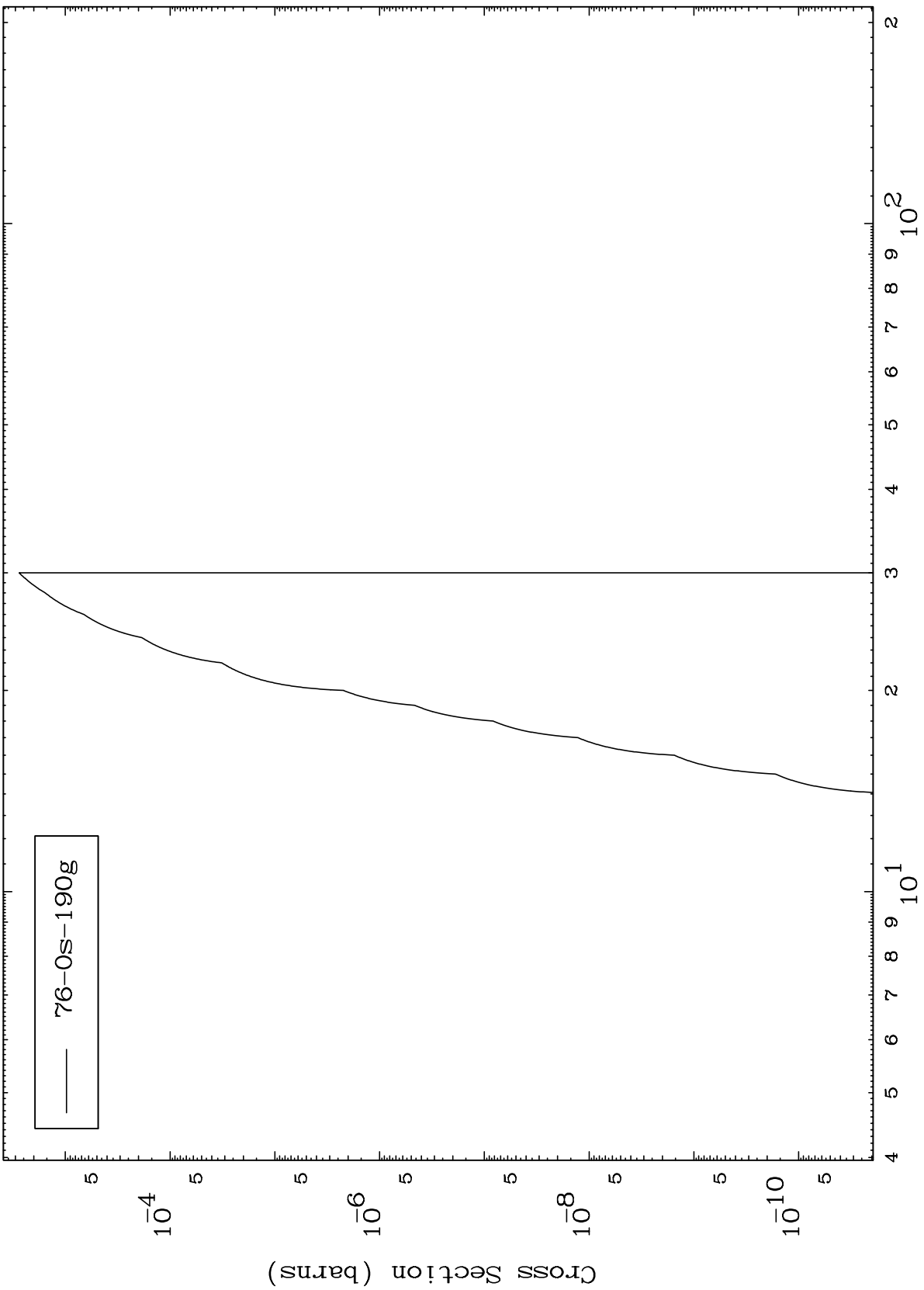


MAT 7738

(n,2n) α

77-Ir-195m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

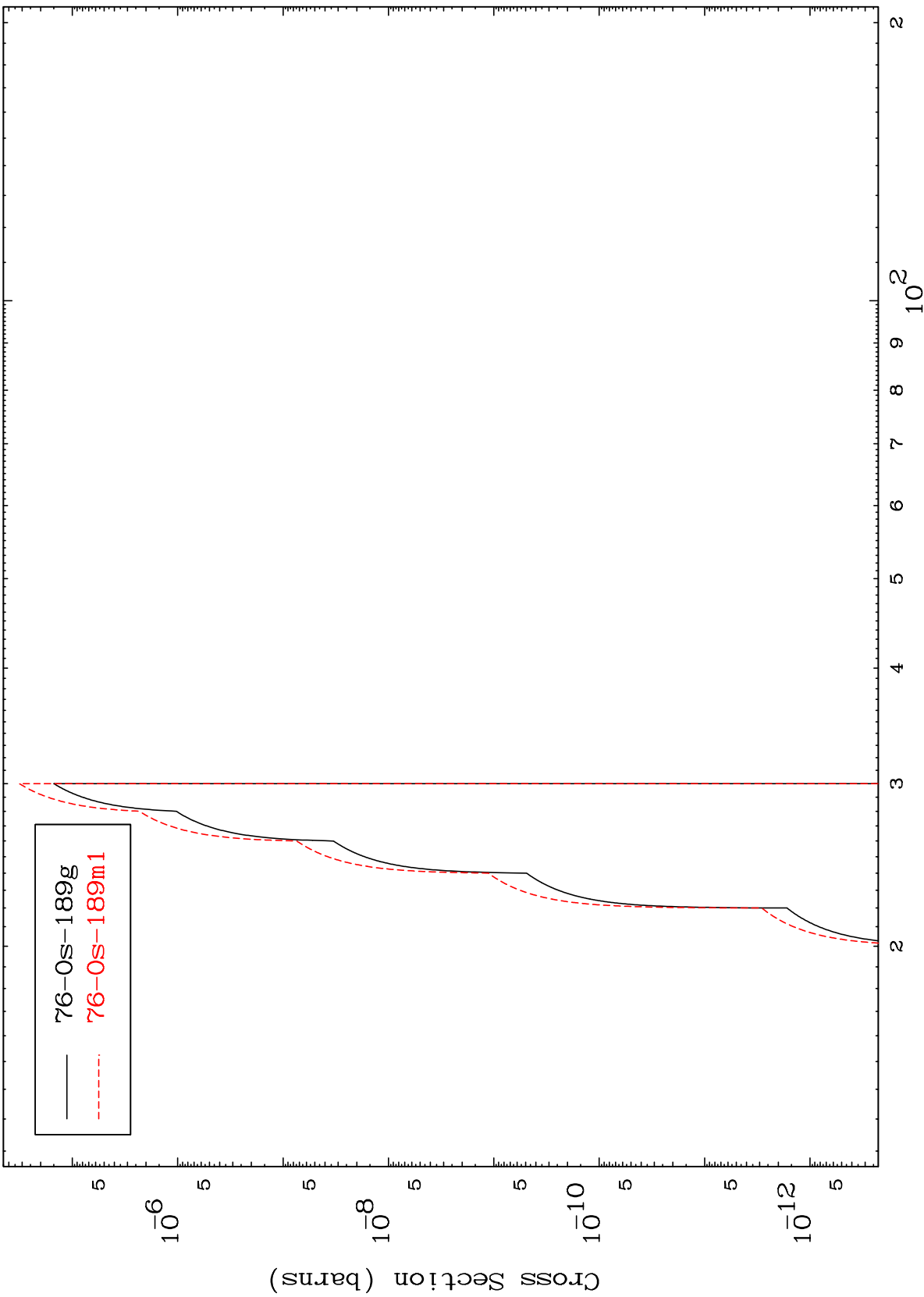
77-Ir-195m

MAT 7738

(n,3n) α

⁷⁷Ir-195m

Radionuclide Production Cross Section

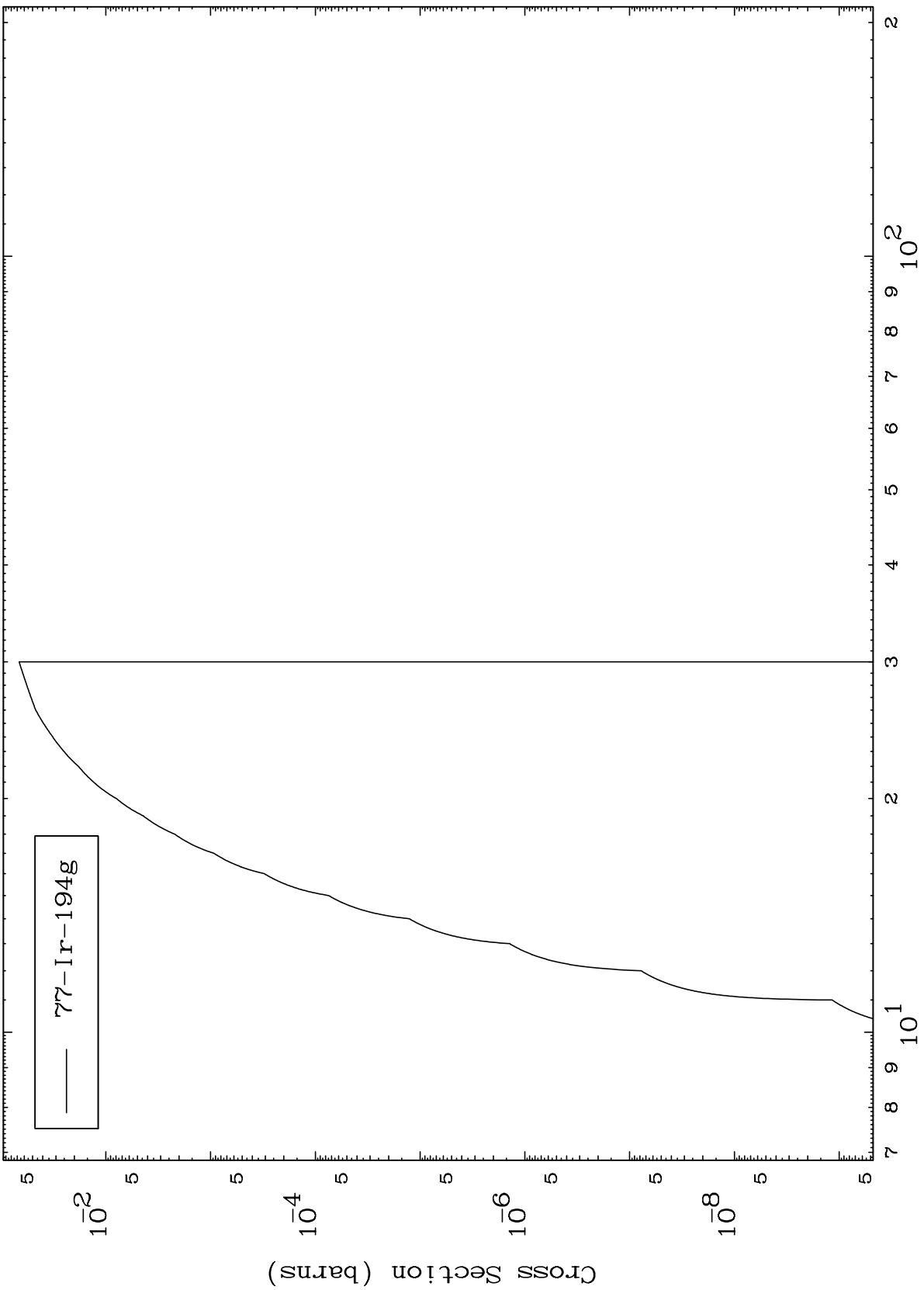


MAT 7738

(n,n') p

⁷⁷Ir-195m

Radionuclide Production Cross Section



19

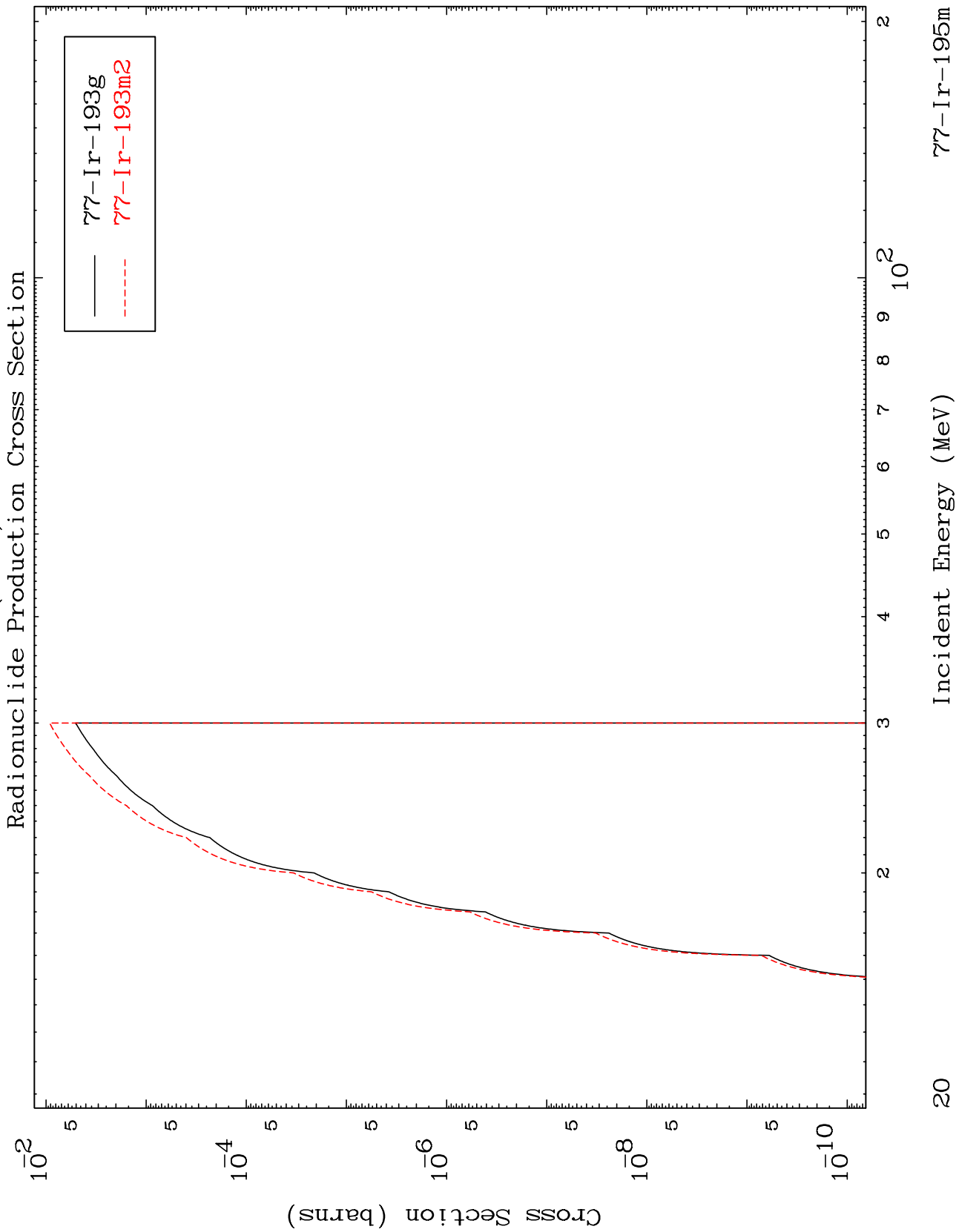
Incident Energy (MeV)

⁷⁷Ir-195m

MAT 7738

(n,n') d

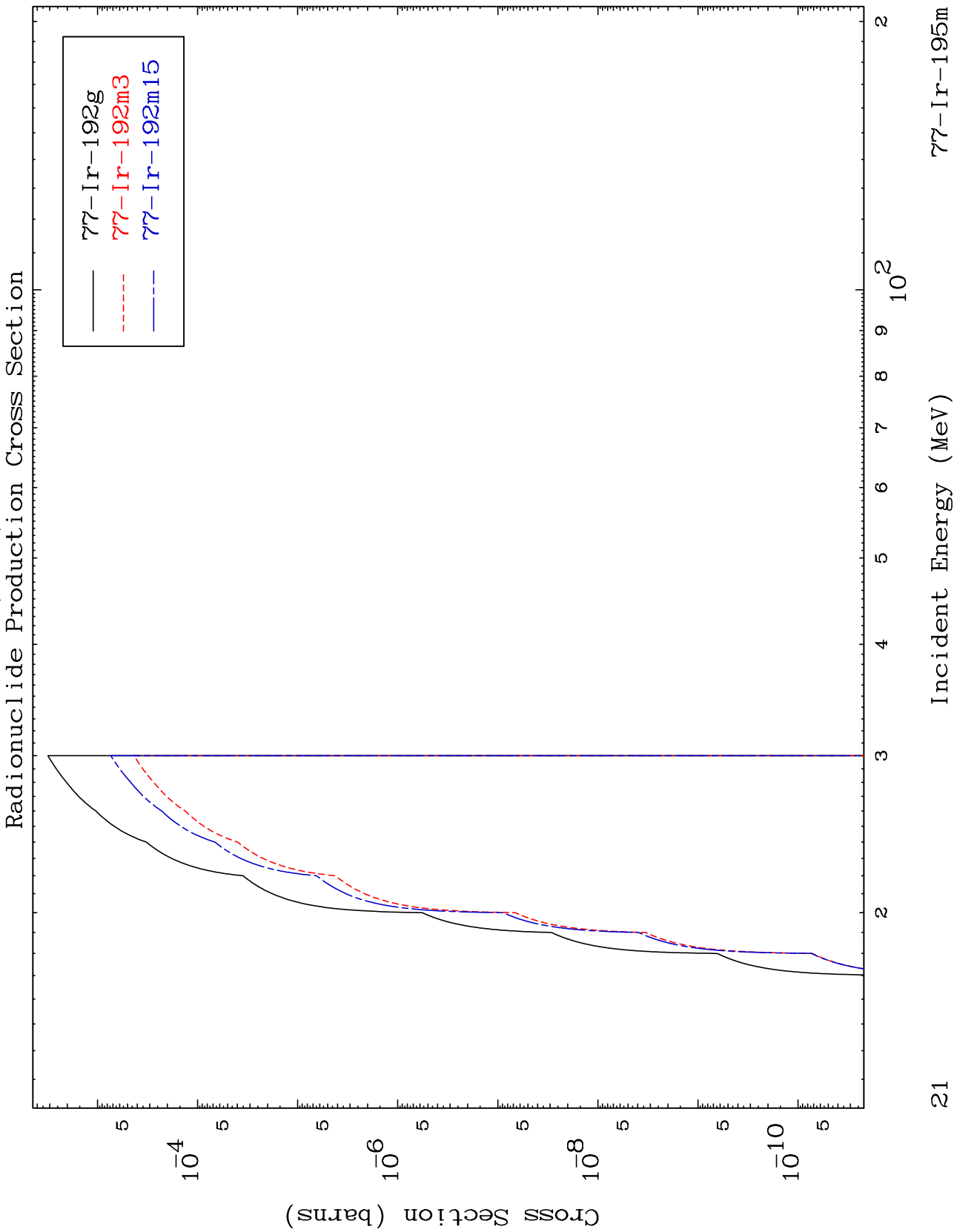
77-Ir-195m



20

Incident Energy (MeV)

77-Ir-195m

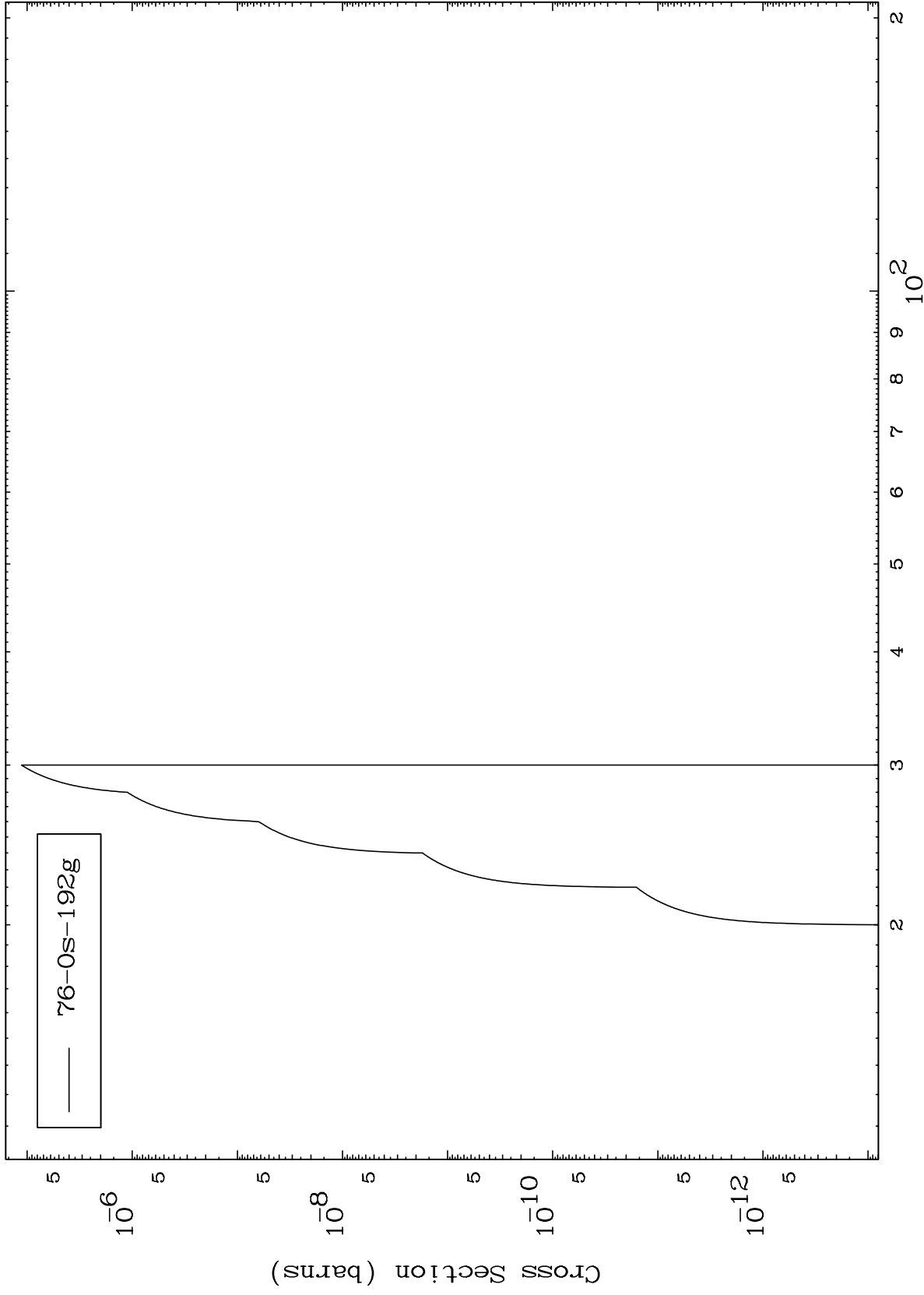


MAT 7738

(n,n') He-3

77-Ir-195m

Radionuclide Production Cross Section

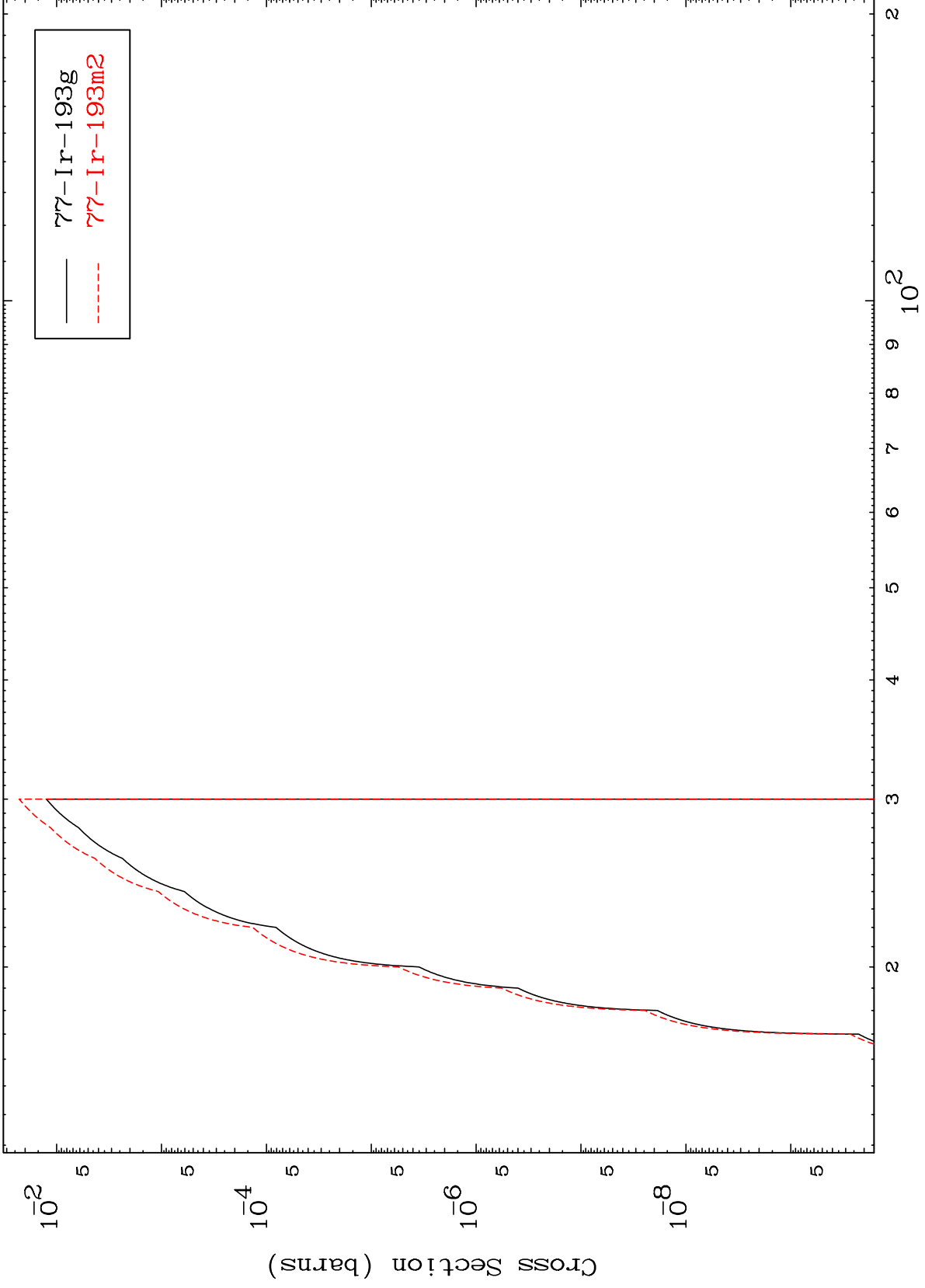


MAT 7738

(n,2n) p

⁷⁷Ir-195m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

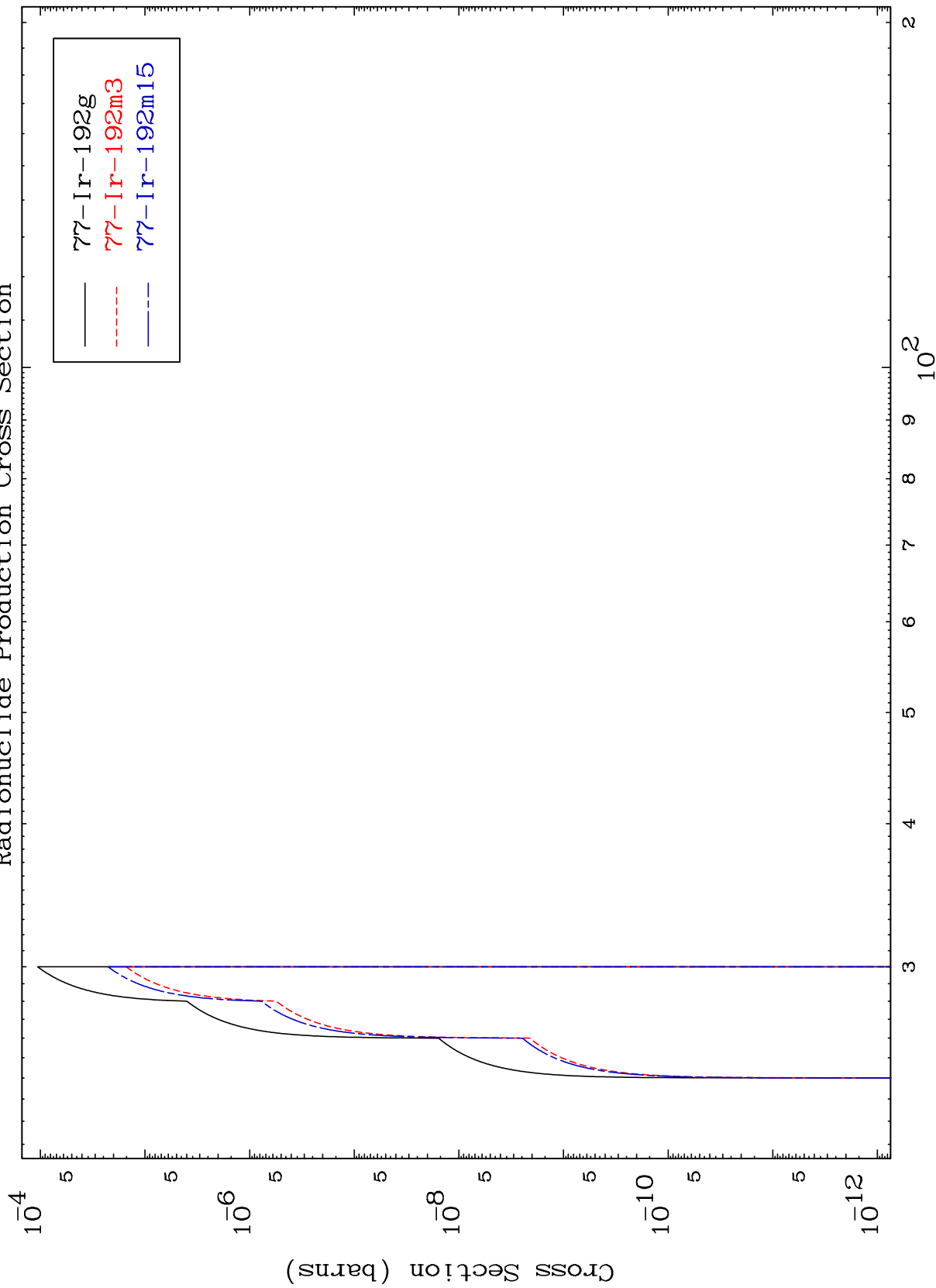
⁷⁷Ir-195m

MAT 7738

(n,3n) p

77-Ir-195m

Radionuclide Production Cross Section



24

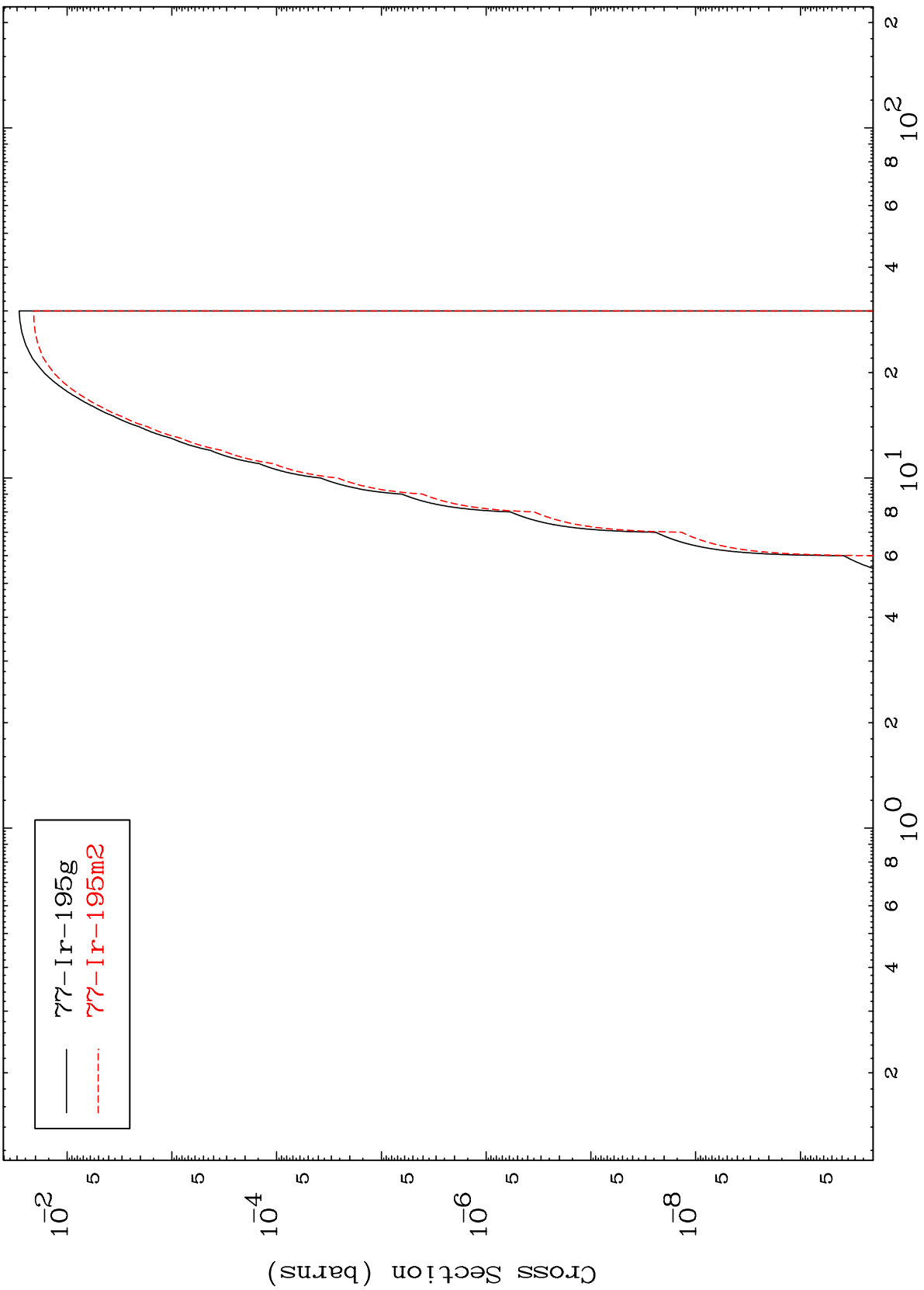
Incident Energy (MeV)

77-Ir-195m

MAT 7738

77-Ir-195m

Radionuclide Production Cross Section (n,p)



25

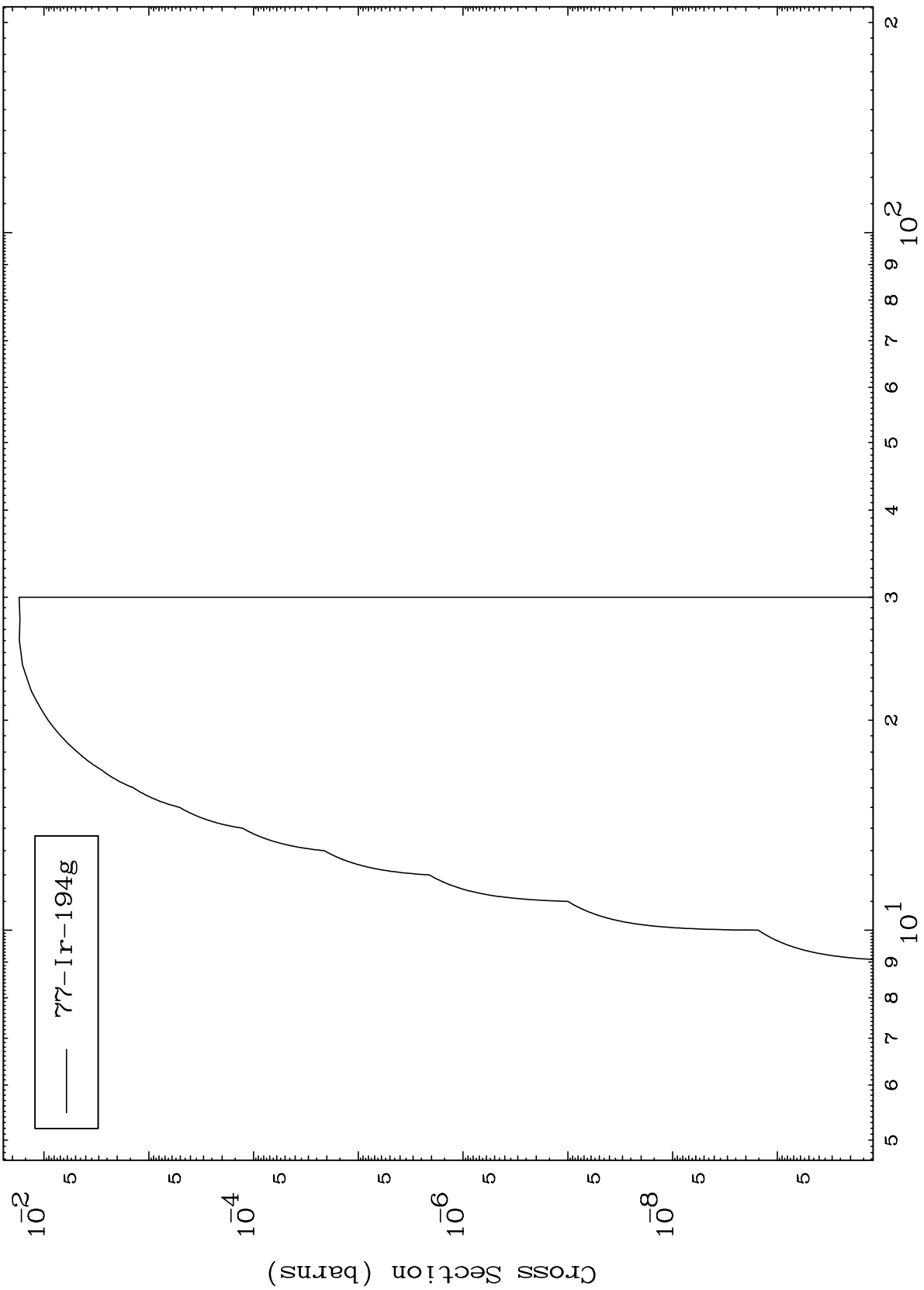
77-Ir-195m

Incident Energy (MeV)

MAT 7738

77-Ir-195m

(n,d)
Radionuclide Production Cross Section



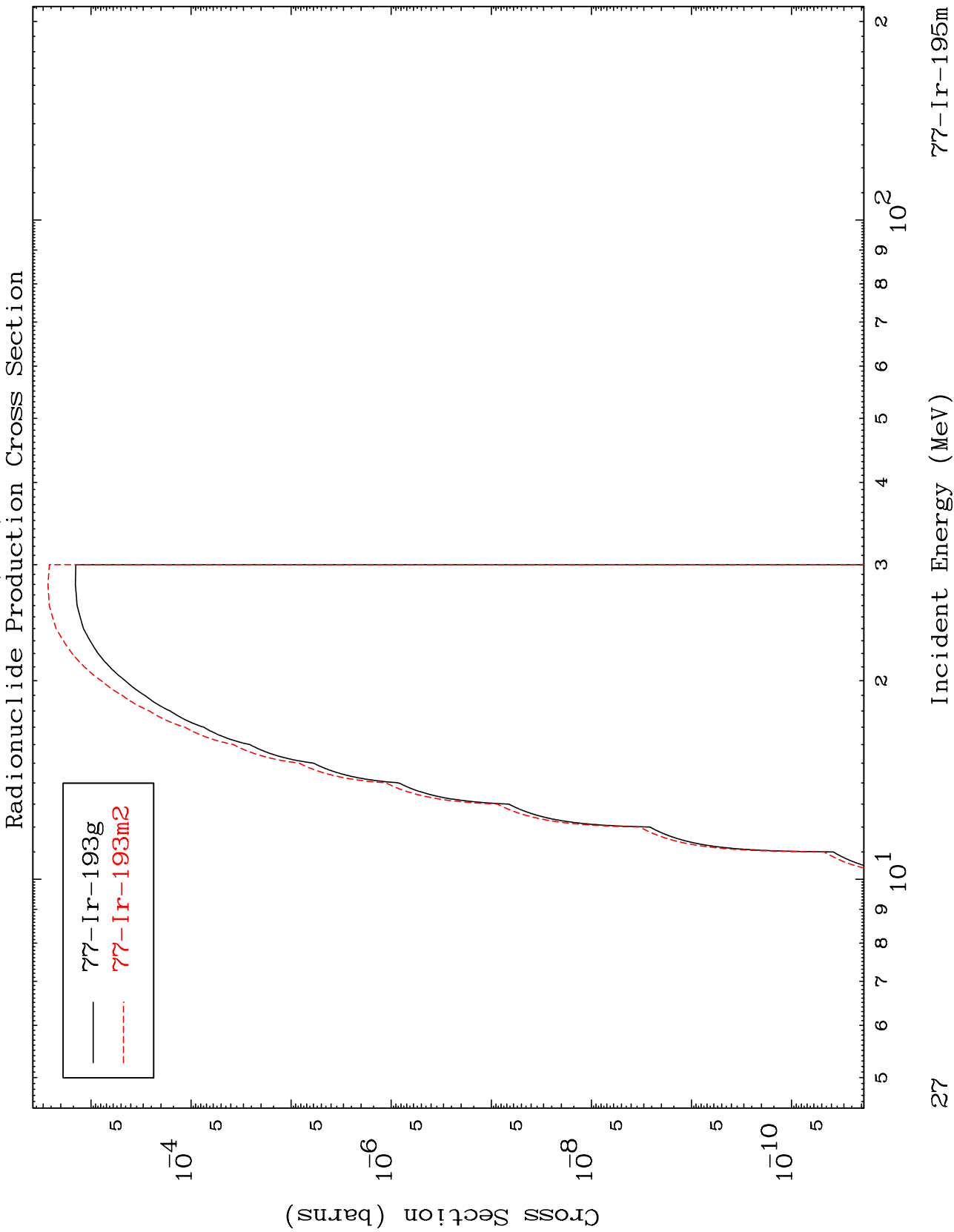
26

Incident Energy (MeV)

77-Ir-195m

MAT 7738

77-Ir-195m



27

MAT 7738

(n, α)

⁷⁷Ir-195m

Radionuclide Production Cross Section

