

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

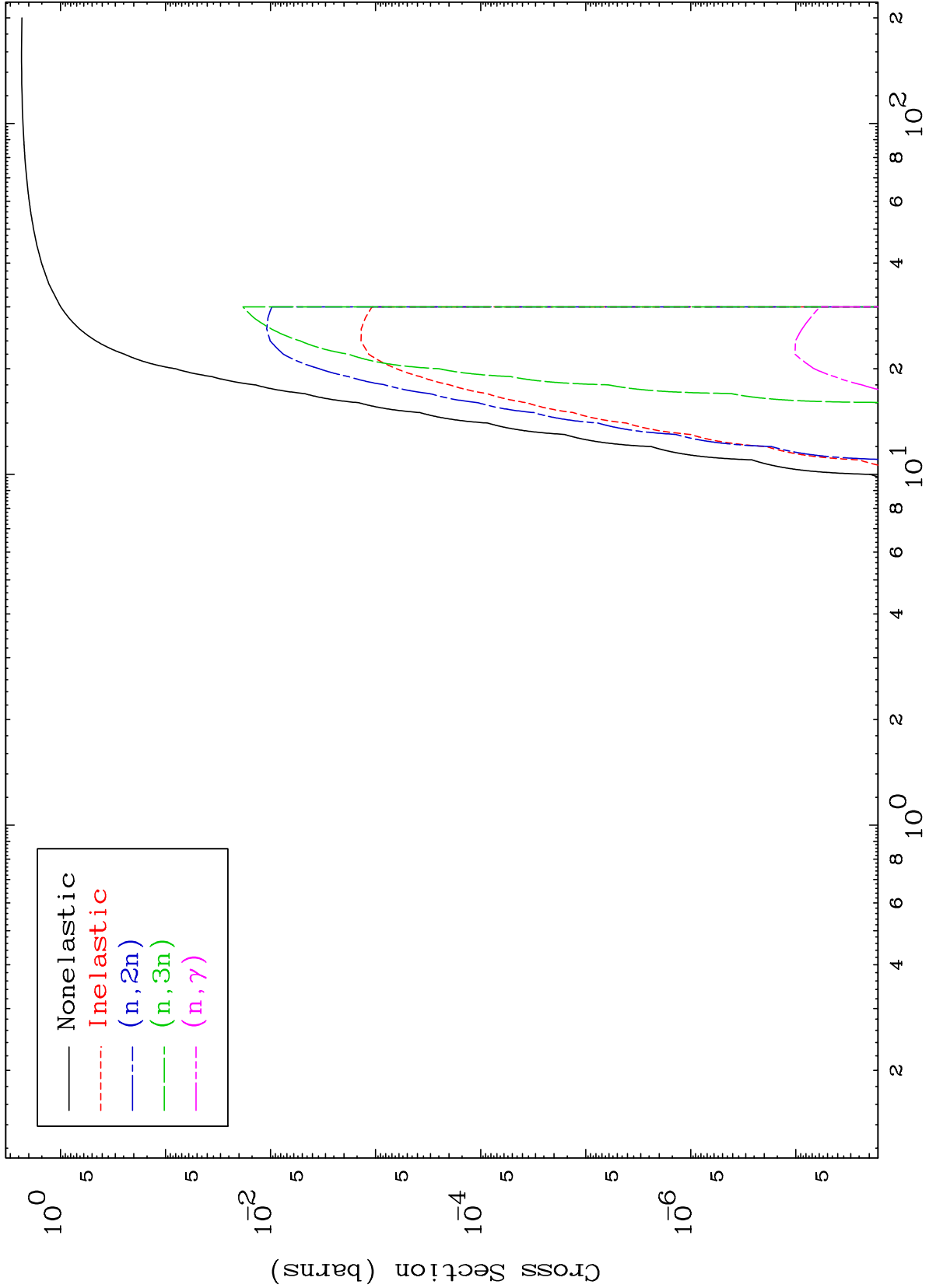
Press Mouse Button to Start

MAT 7716

He-3 Major

77-Ir-188

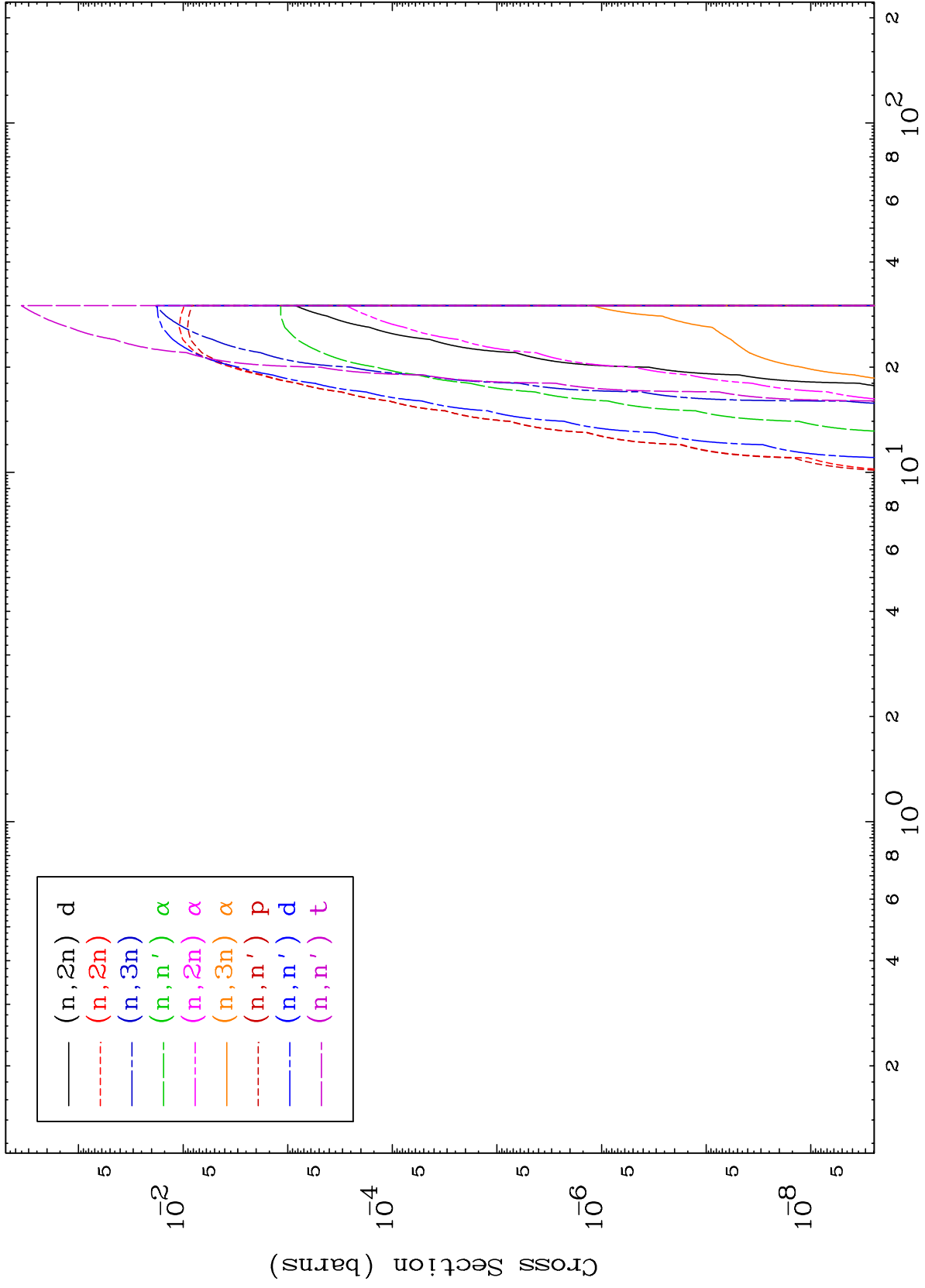
0 Kelvin Cross Sections



MAT 7716

He-3 Neutron Absorption
0 Kelvin Cross Sections

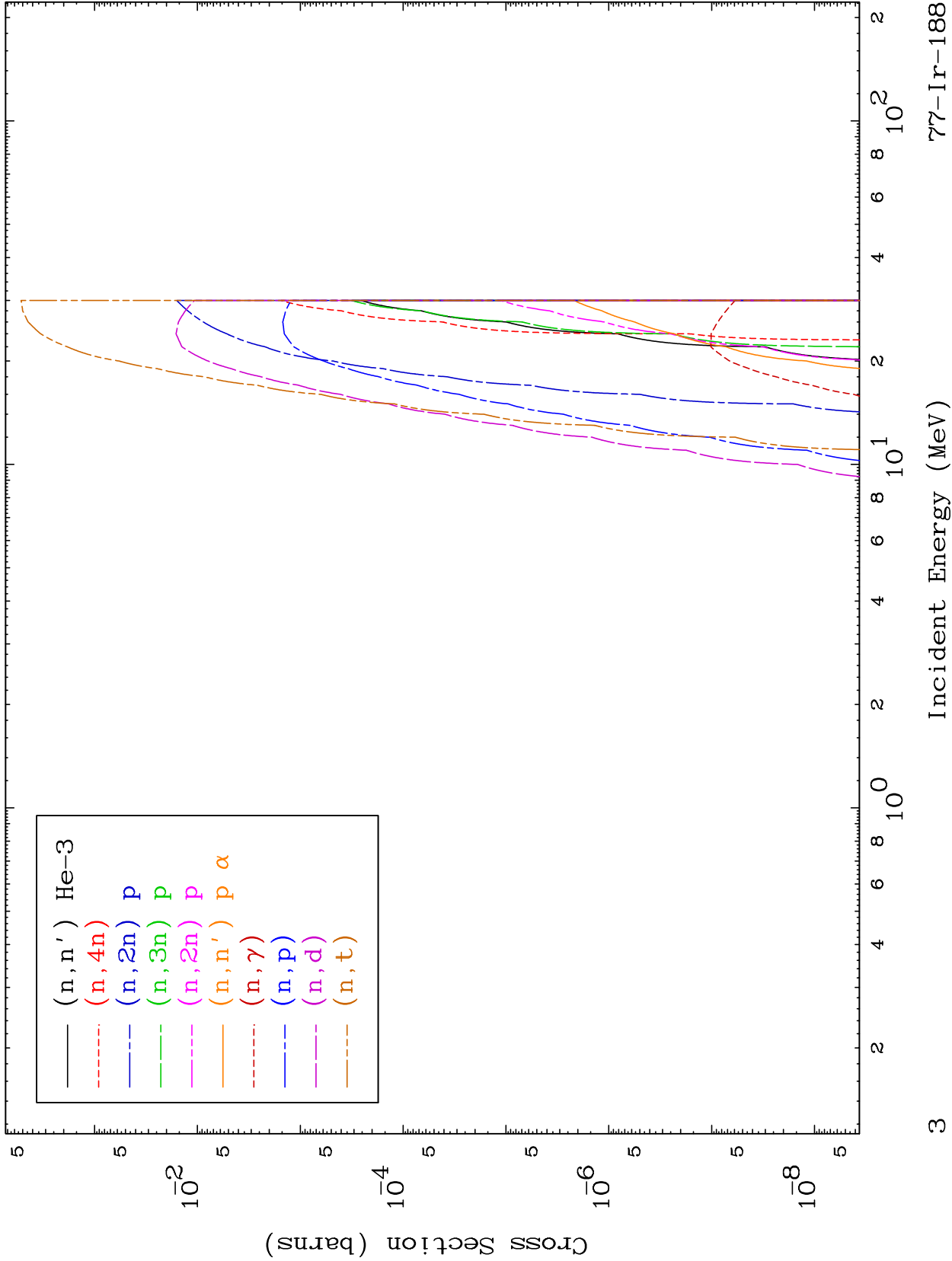
77-Ir-188



MAT 7716

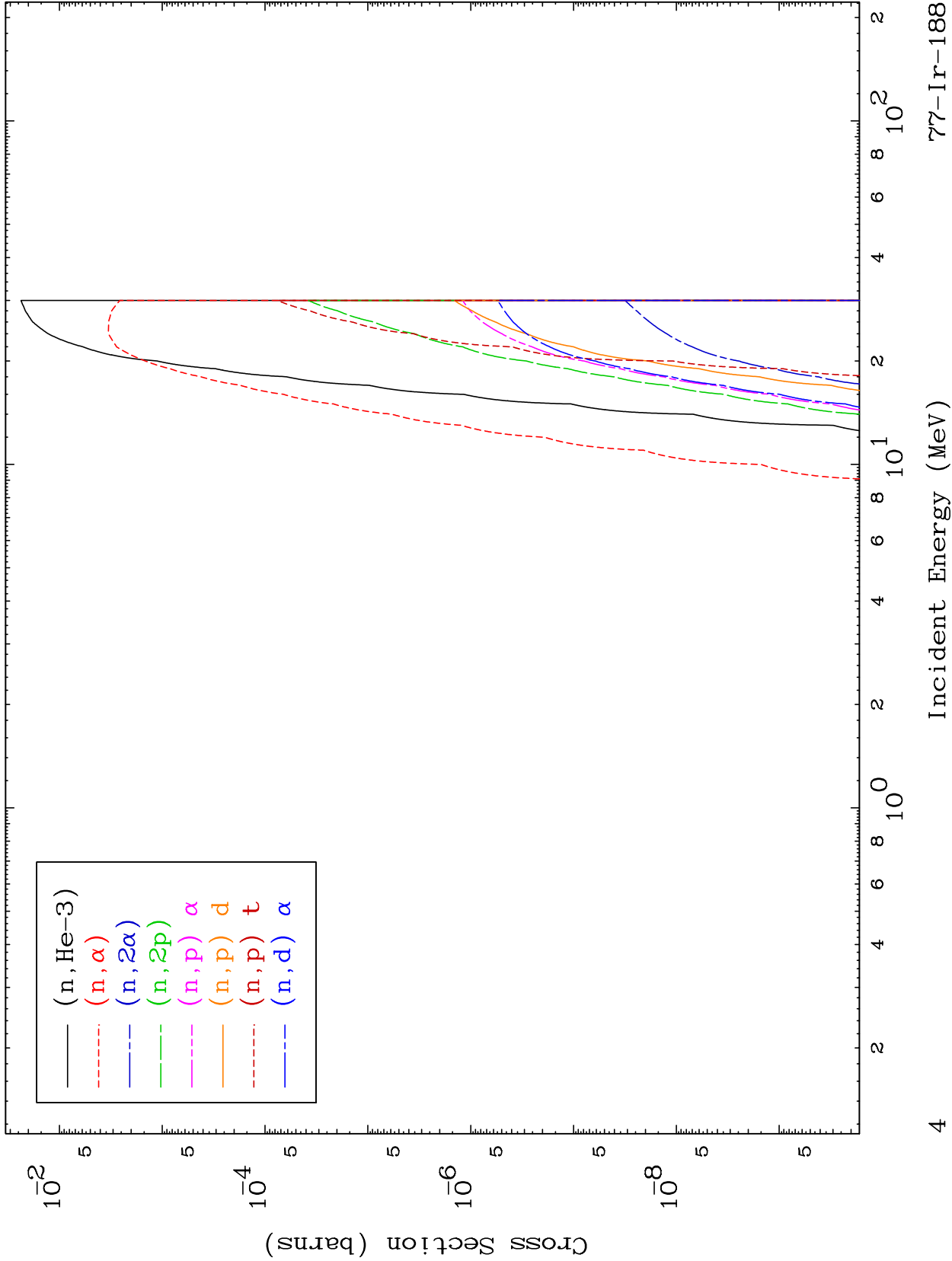
He-3 Neutron Absorption
0 Kelvin Cross Sections

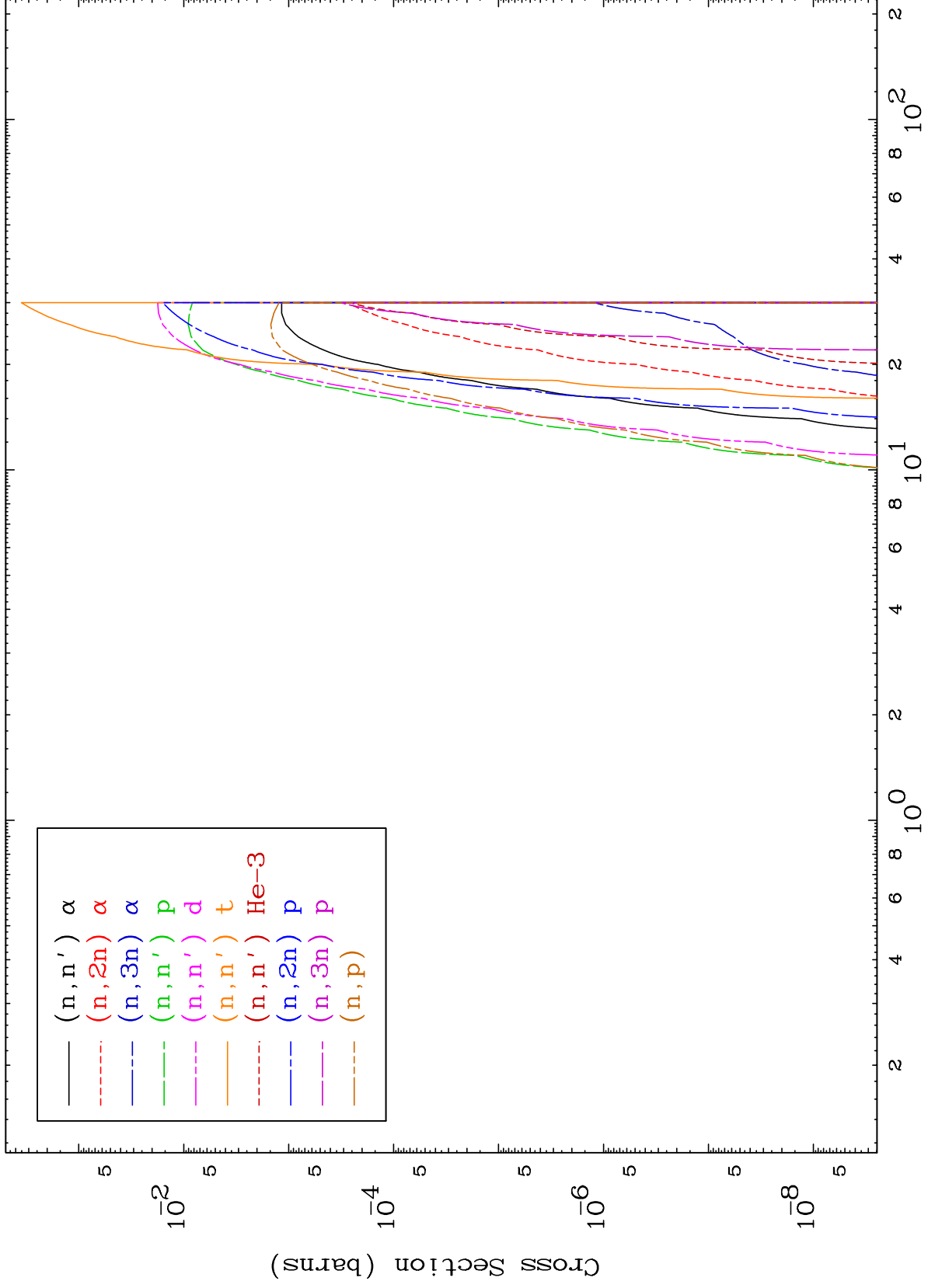
77-Ir-188



77-Ir-188

Incident Energy (MeV)

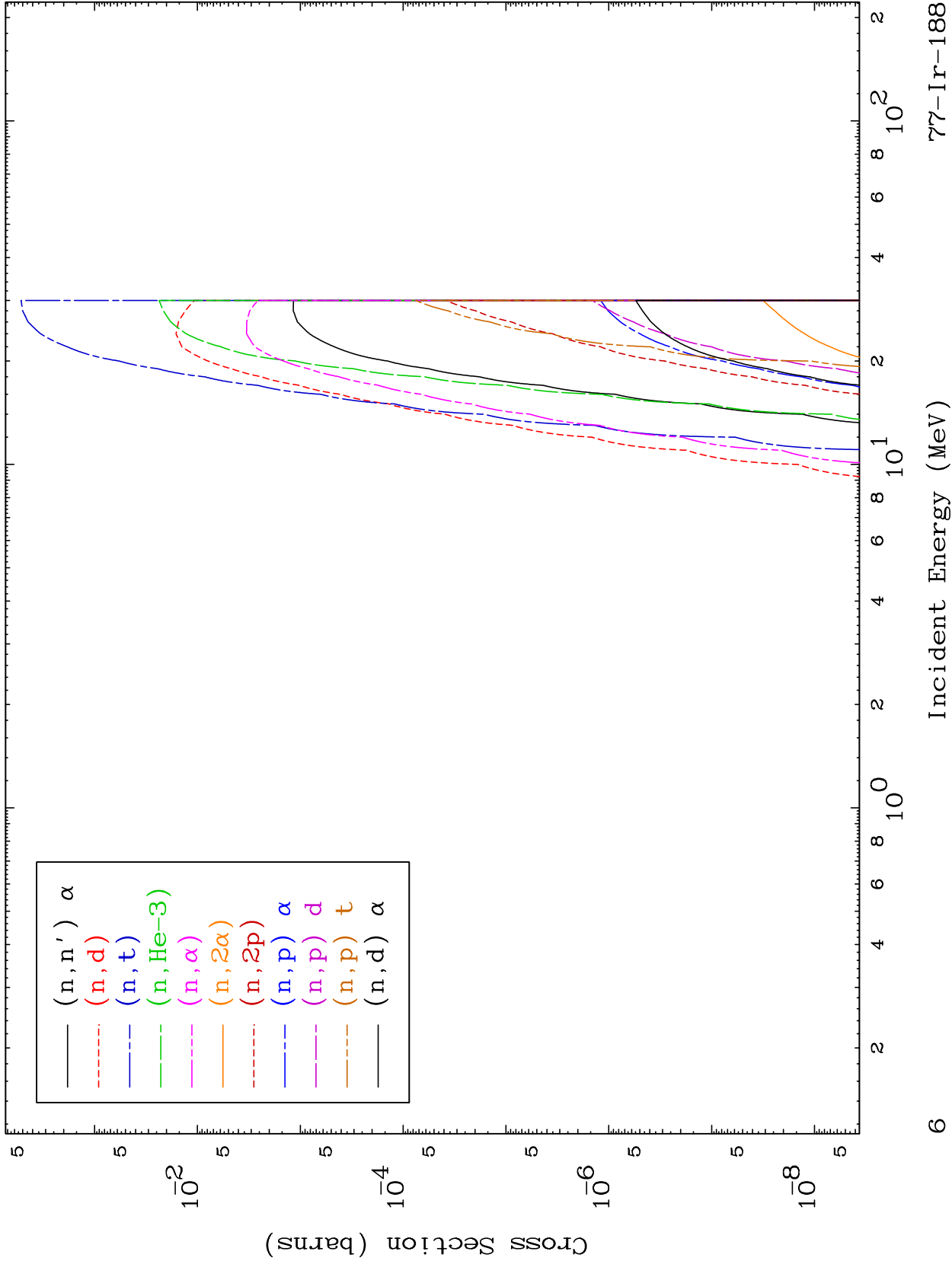




MAT 7716

He-3 Charged Particle
0 Kelvin Cross Sections

77-Ir-188

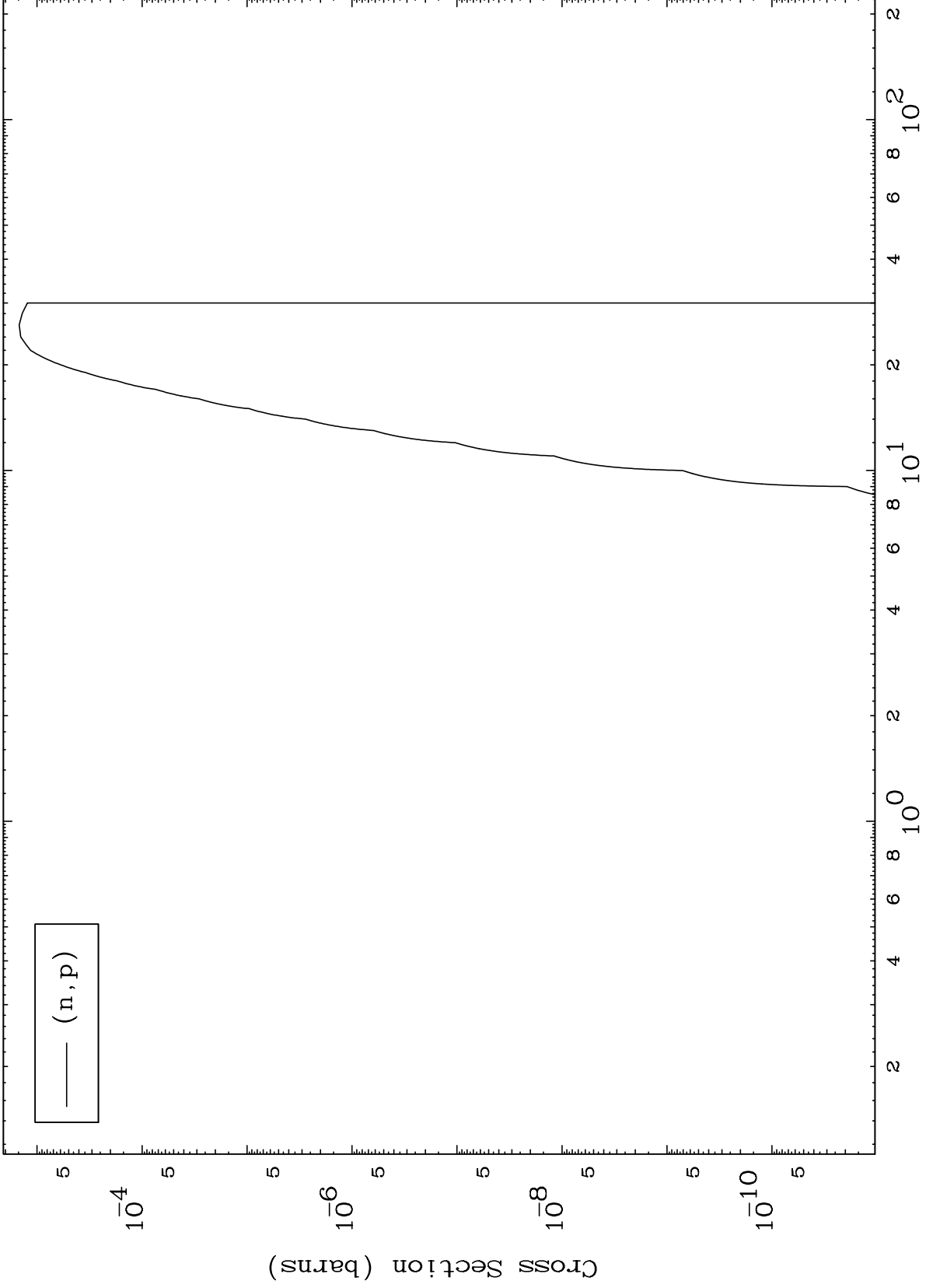


MAT 7716

(He-3,p) Levels

77-Ir-188

0 Kelvin Cross Sections

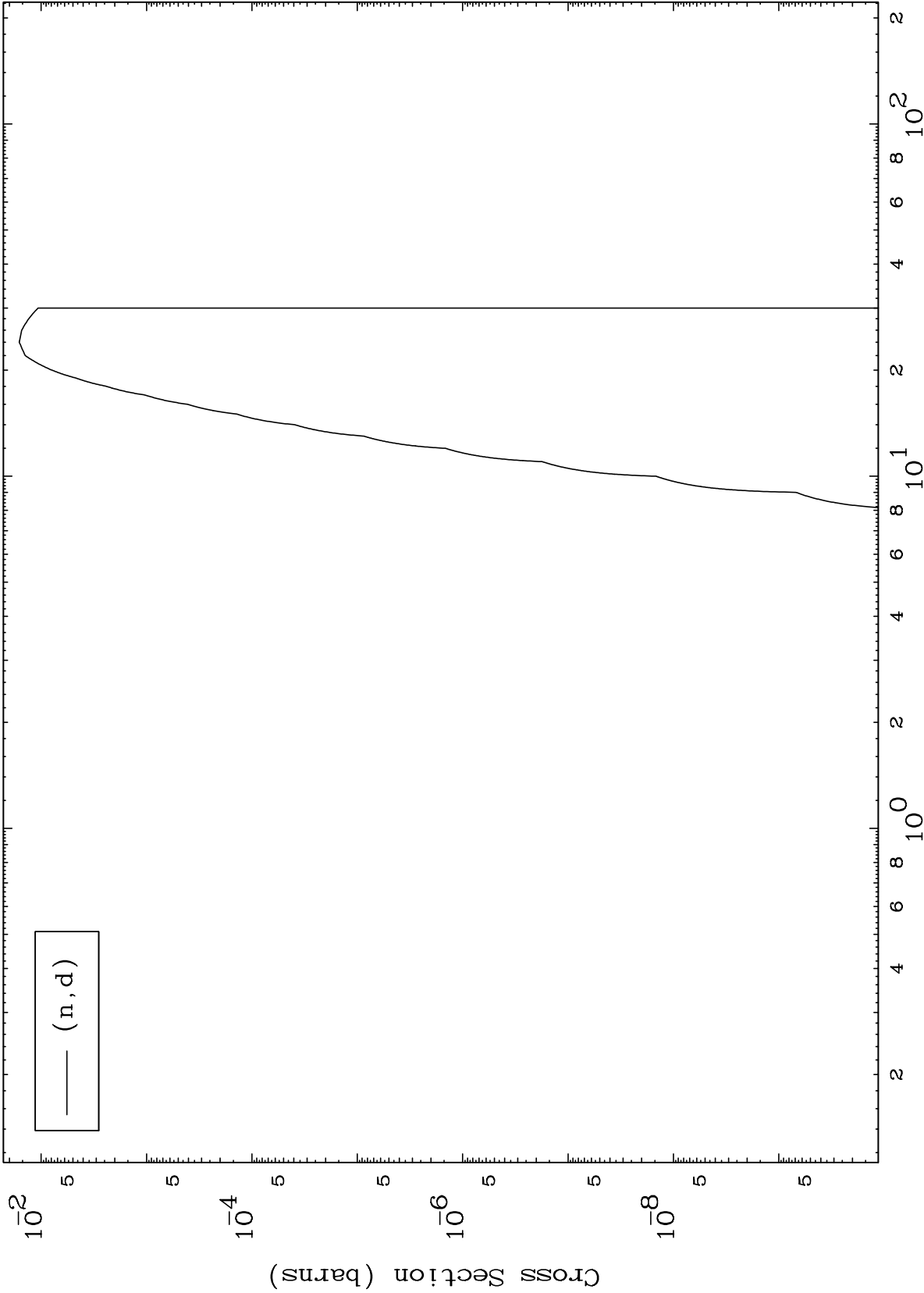


MAT 7716

(He-3,d) Levels

77-Ir-188

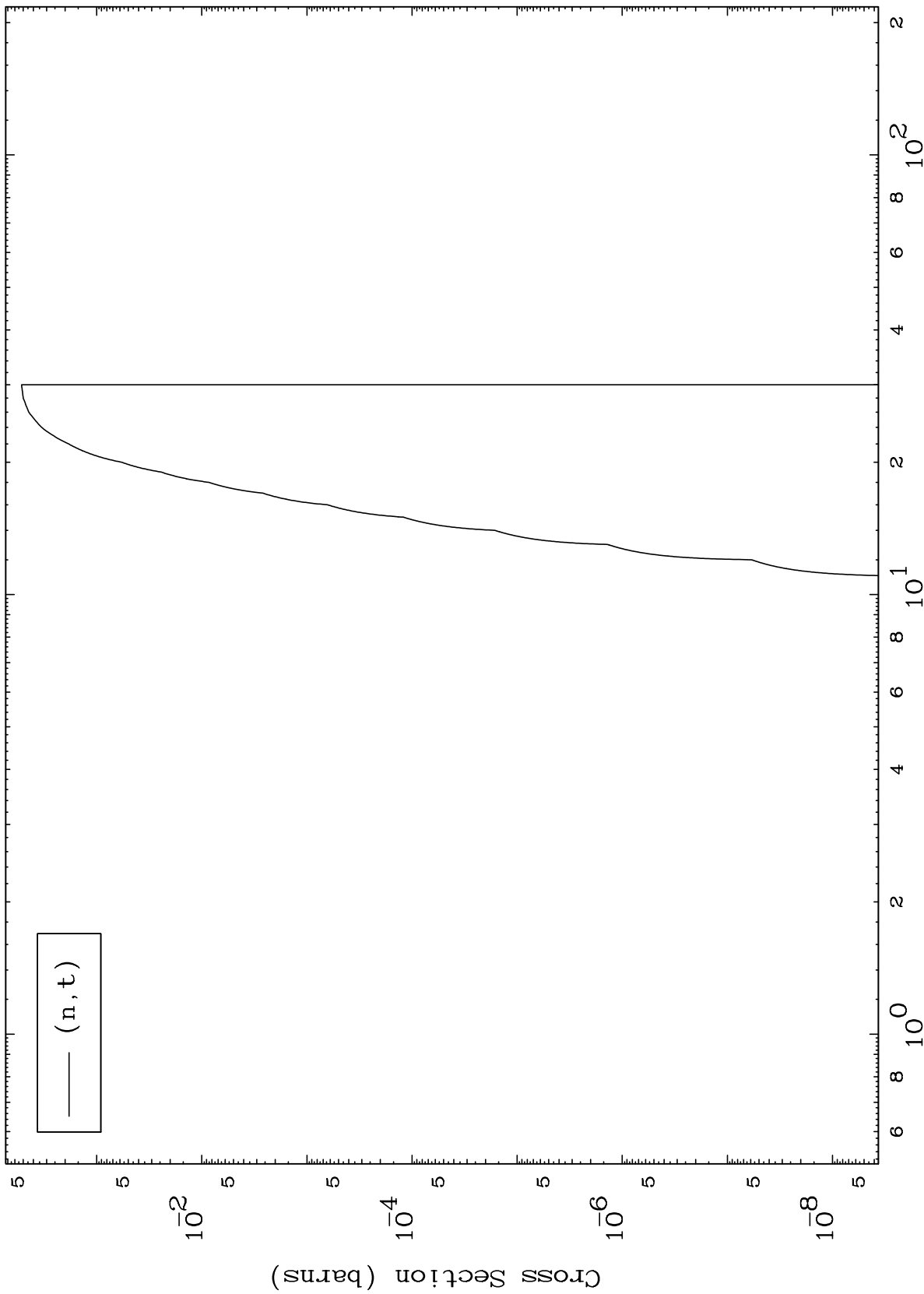
0 Kelvin Cross Sections



MAT 7716

77-Ir-188

(He-3,t) Levels
0 Kelvin Cross Sections



9

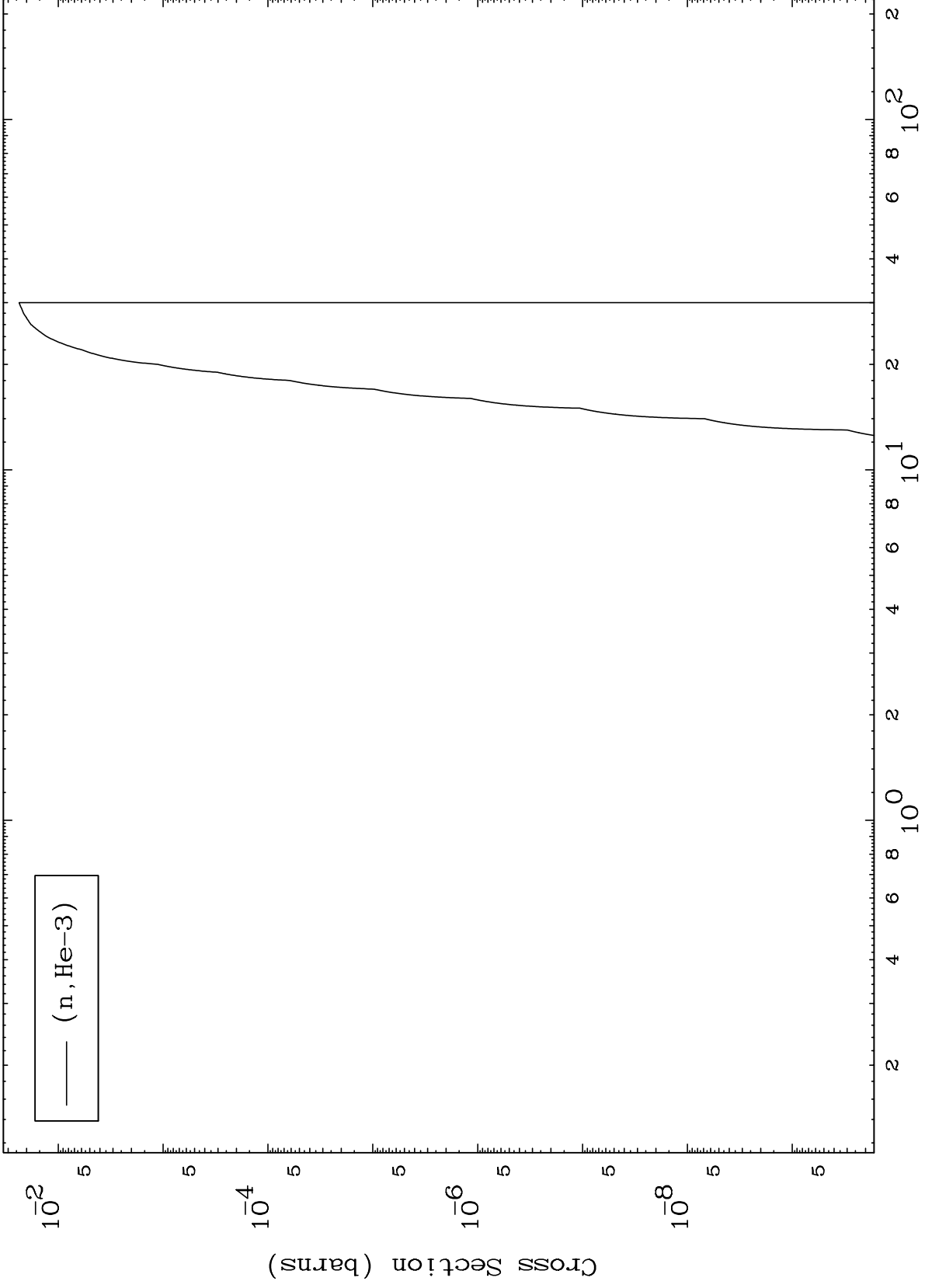
77-Ir-188

MAT 7716

(He-3, He3) Levels

77-Ir-188

0 Kelvin Cross Sections



10

Incident Energy (MeV)

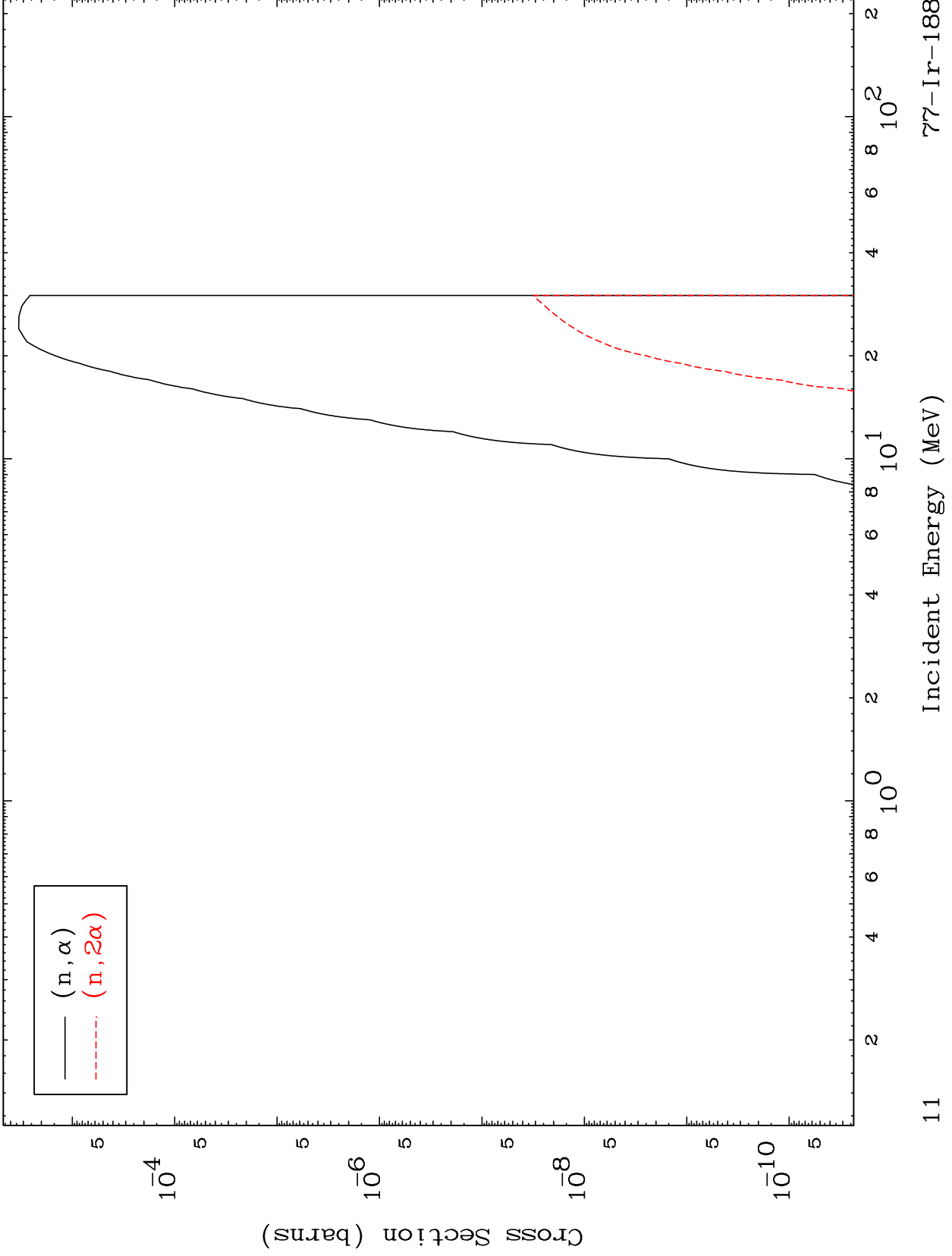
77-Ir-188

MAT 7716

(He-3, α) Levels

77-Ir-188

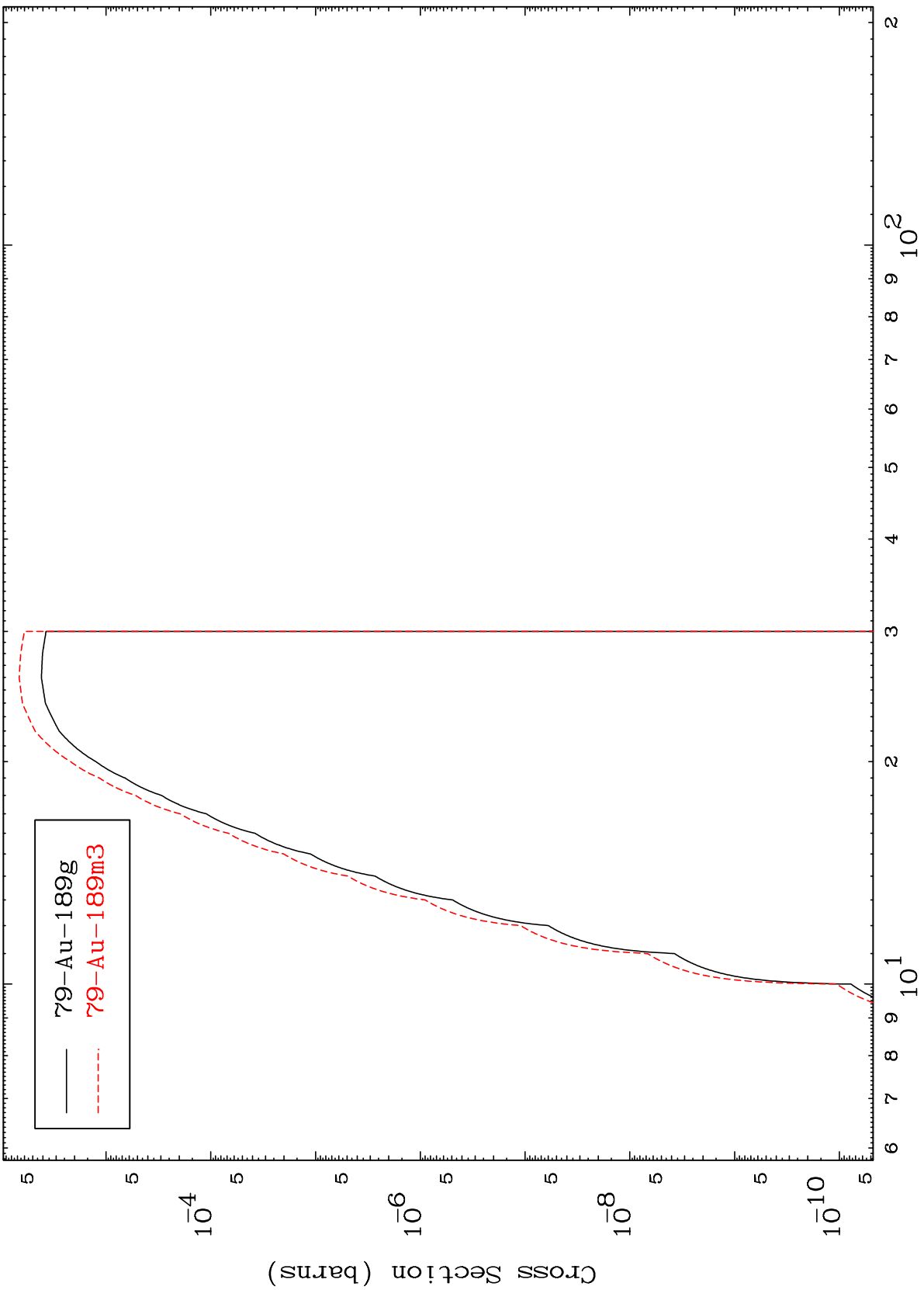
0 Kelvin Cross Sections



MAT 7716

77-Ir-188

Radionuclide Production Cross Section (n,2n)



12

Incident Energy (MeV)

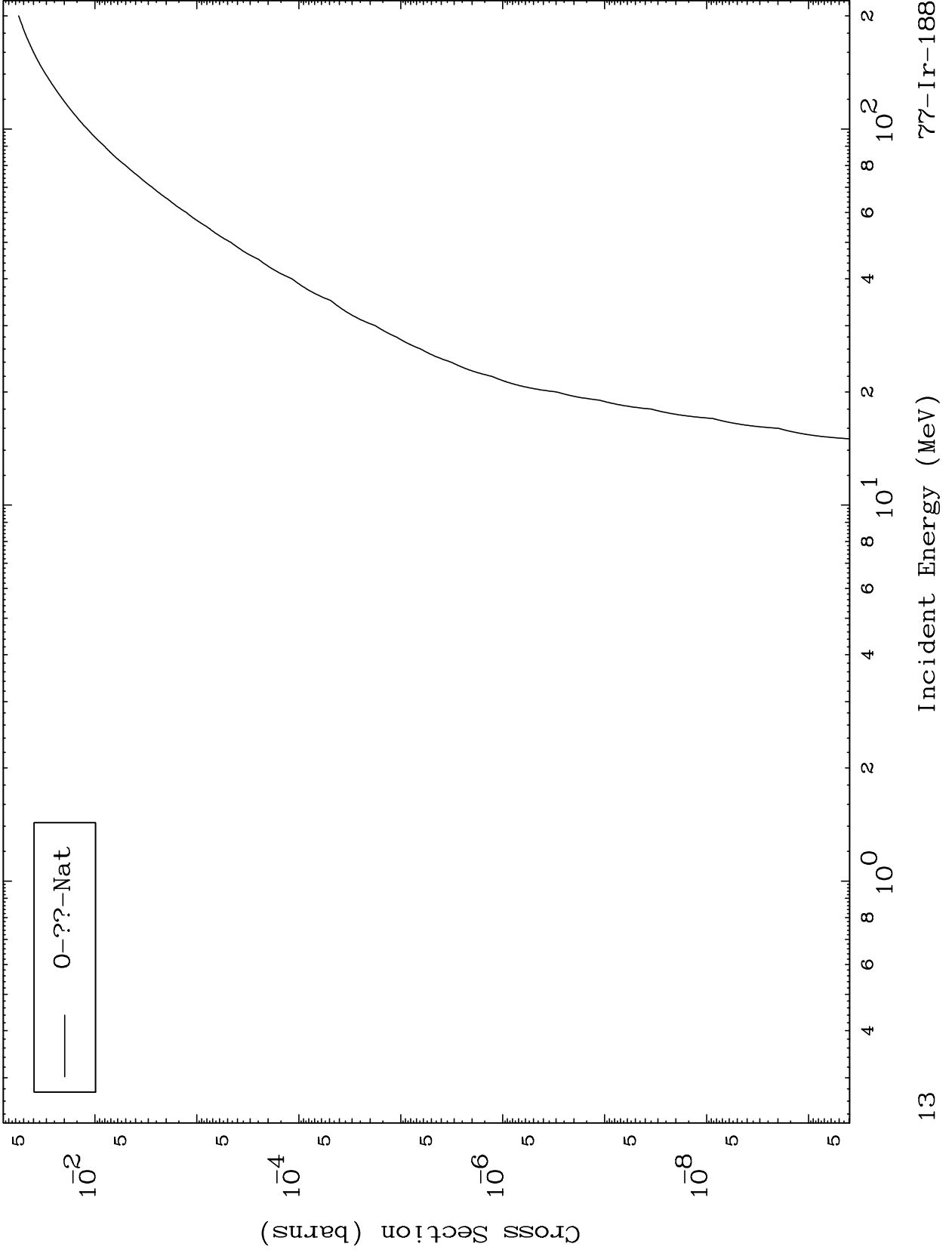
77-Ir-188

MAT 7716

Fission

⁷⁷Ir-188

Radionuclide Production Cross Section

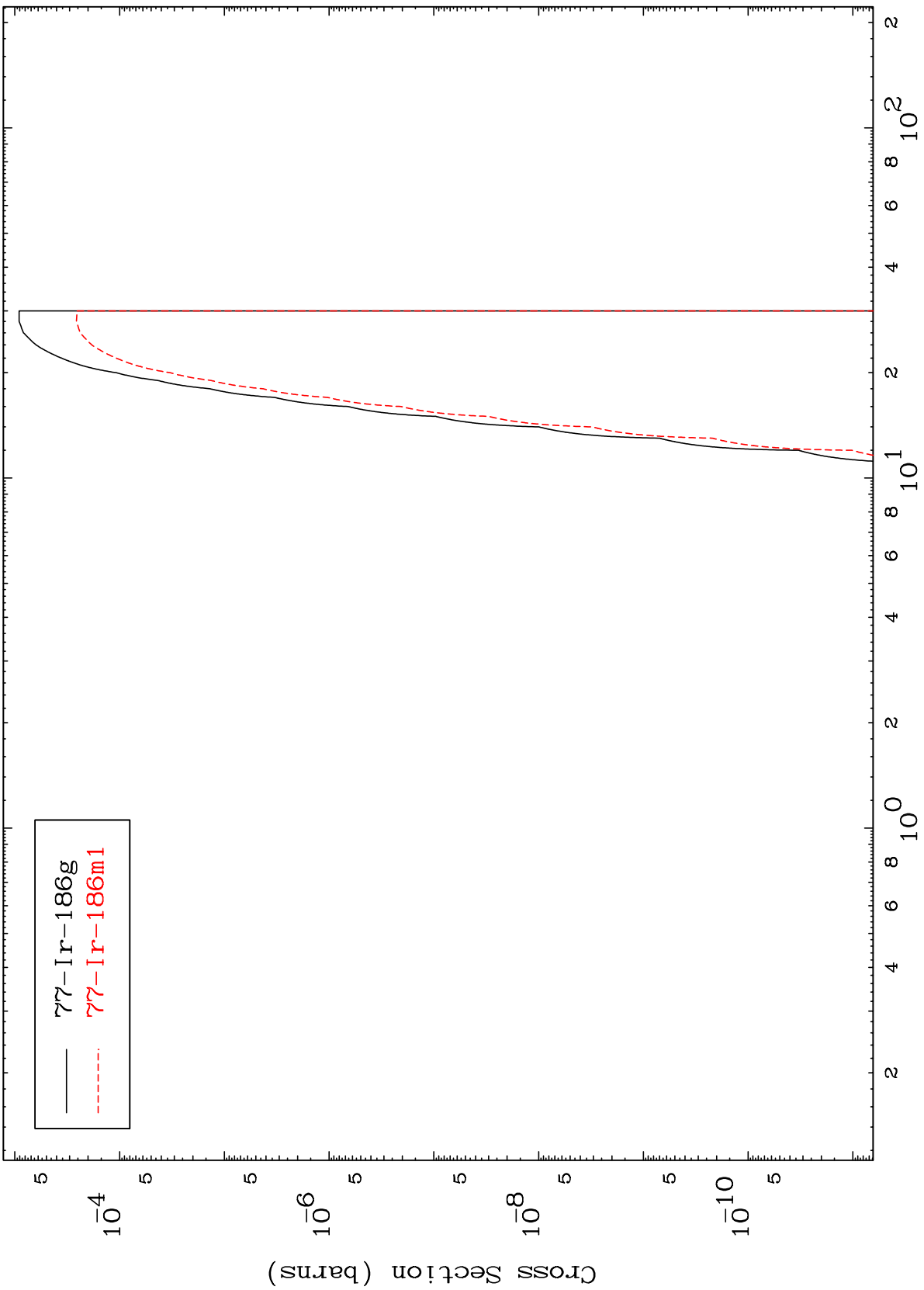


MAT 7716

$(n, n') \alpha$

$^{77}\text{Ir-188}$

Radionuclide Production Cross Section



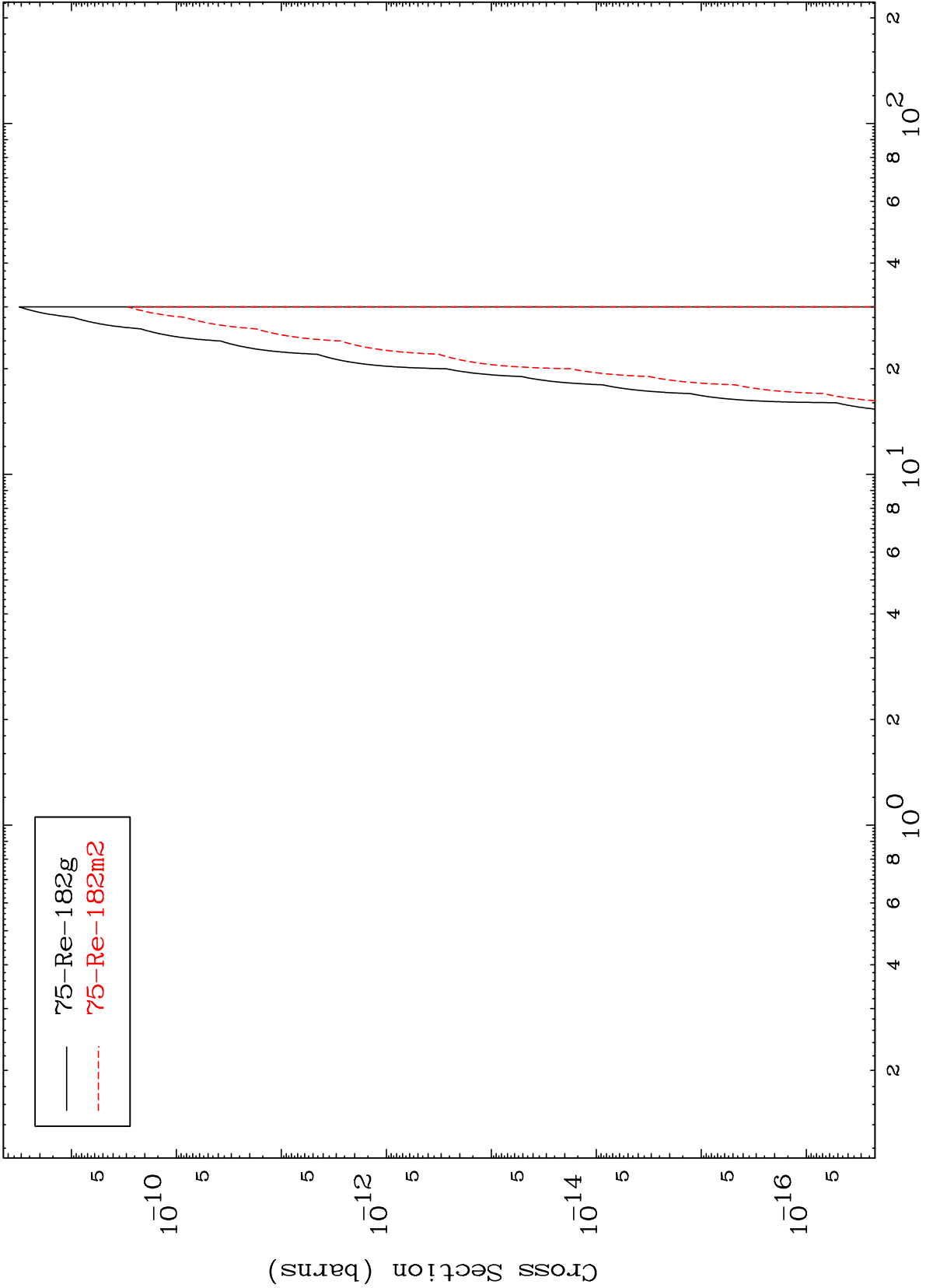
— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

MAT 7716

(n,n') 2α

77-Ir-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

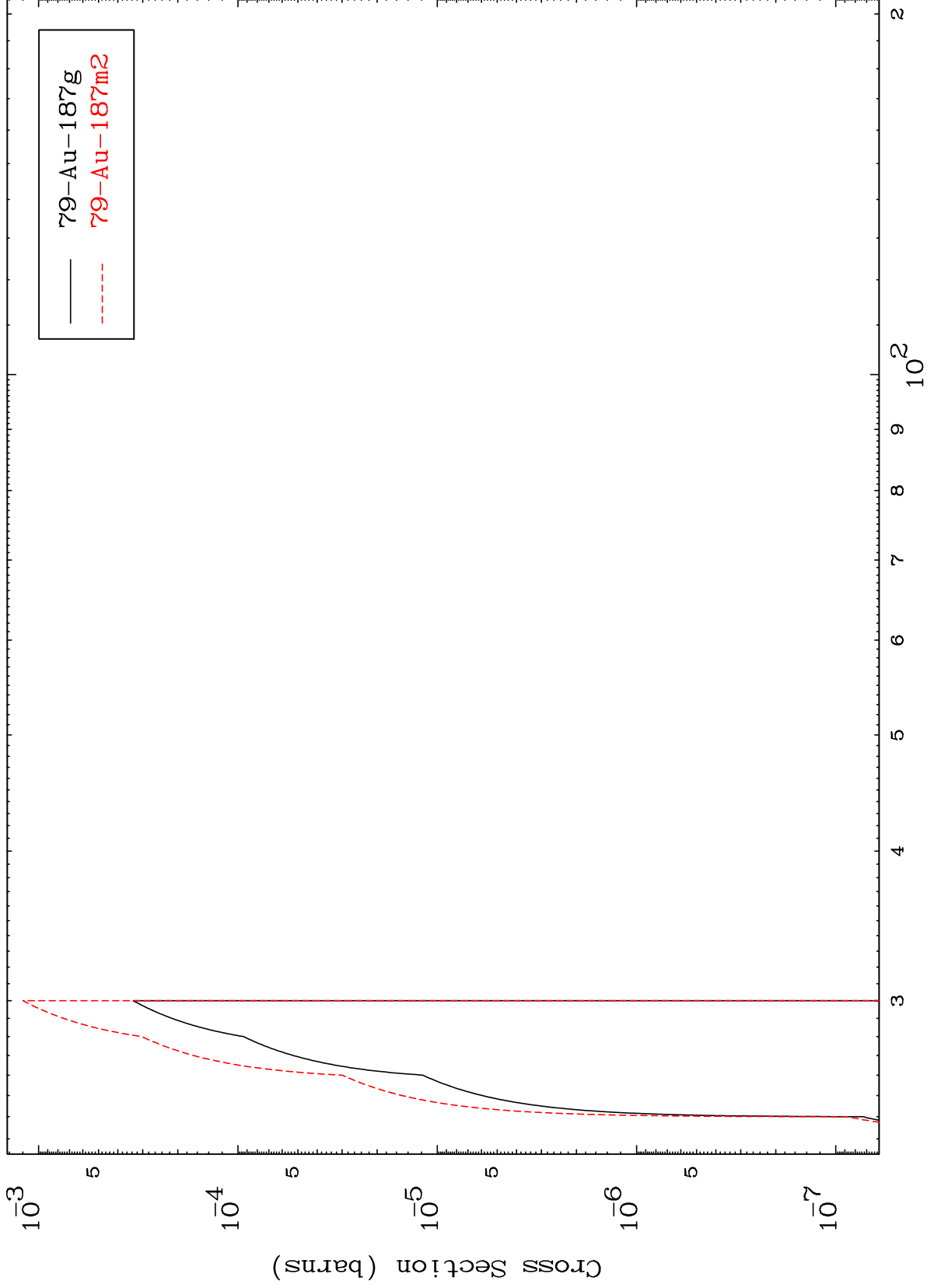
77-Ir-188

MAT 7716

(n,4n)

77-Ir-188

Radionuclide Production Cross Section



16

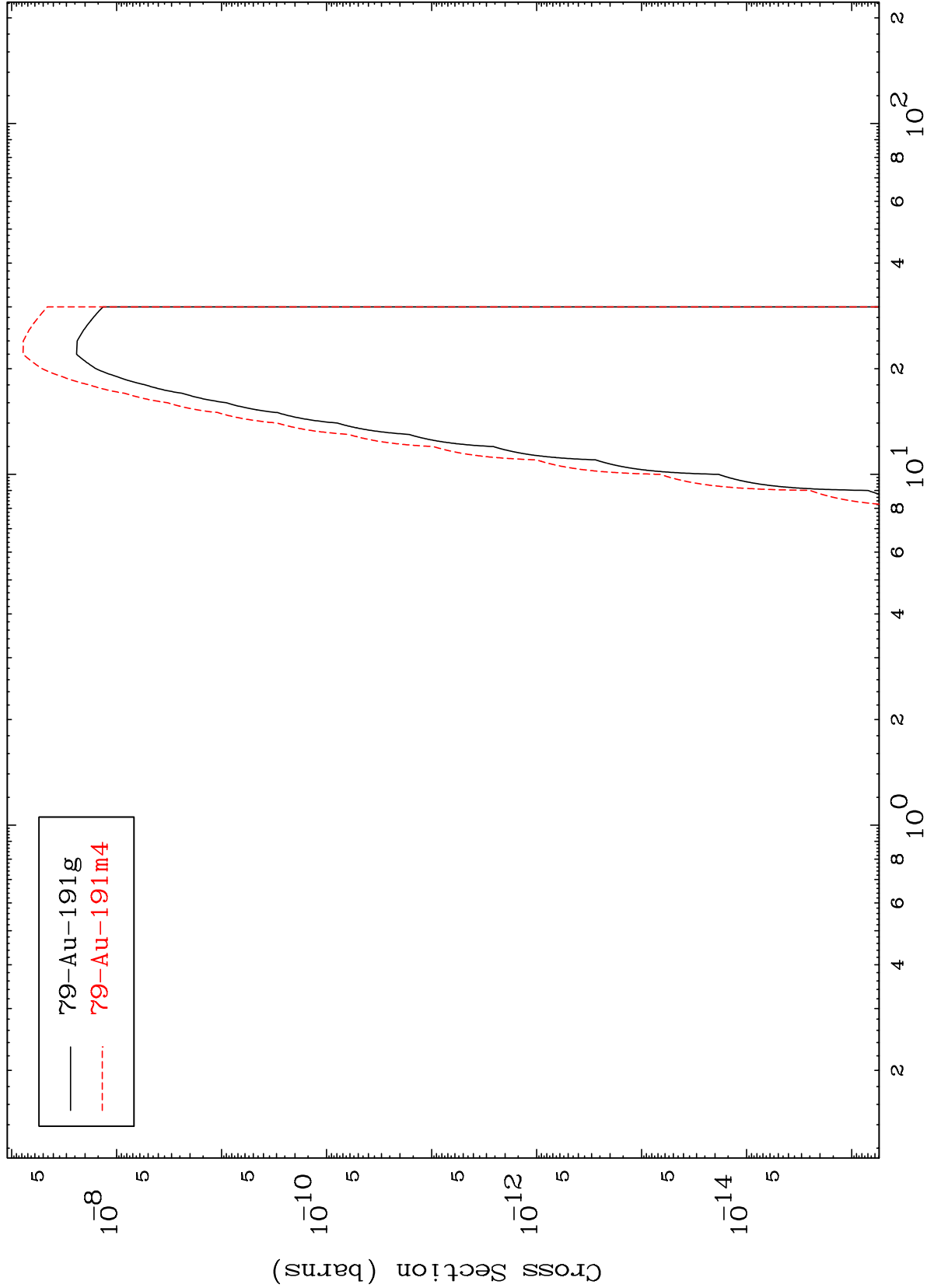
Incident Energy (MeV)

77-Ir-188

MAT 7716

77-Ir-188

(n, γ)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

77-Ir-188