

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

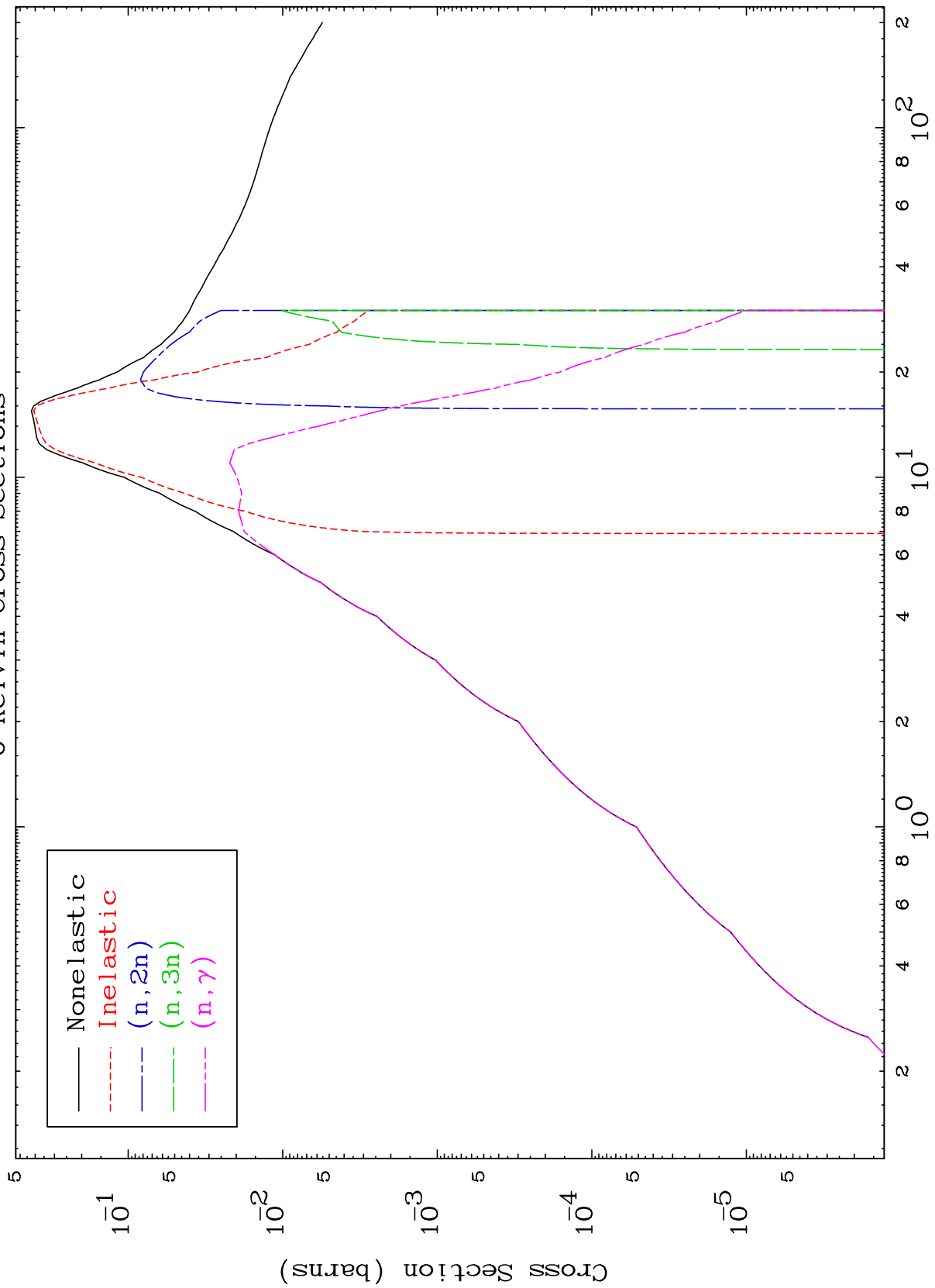
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1466 Hudson Way
Livermore, CA 94550
U.S.A.

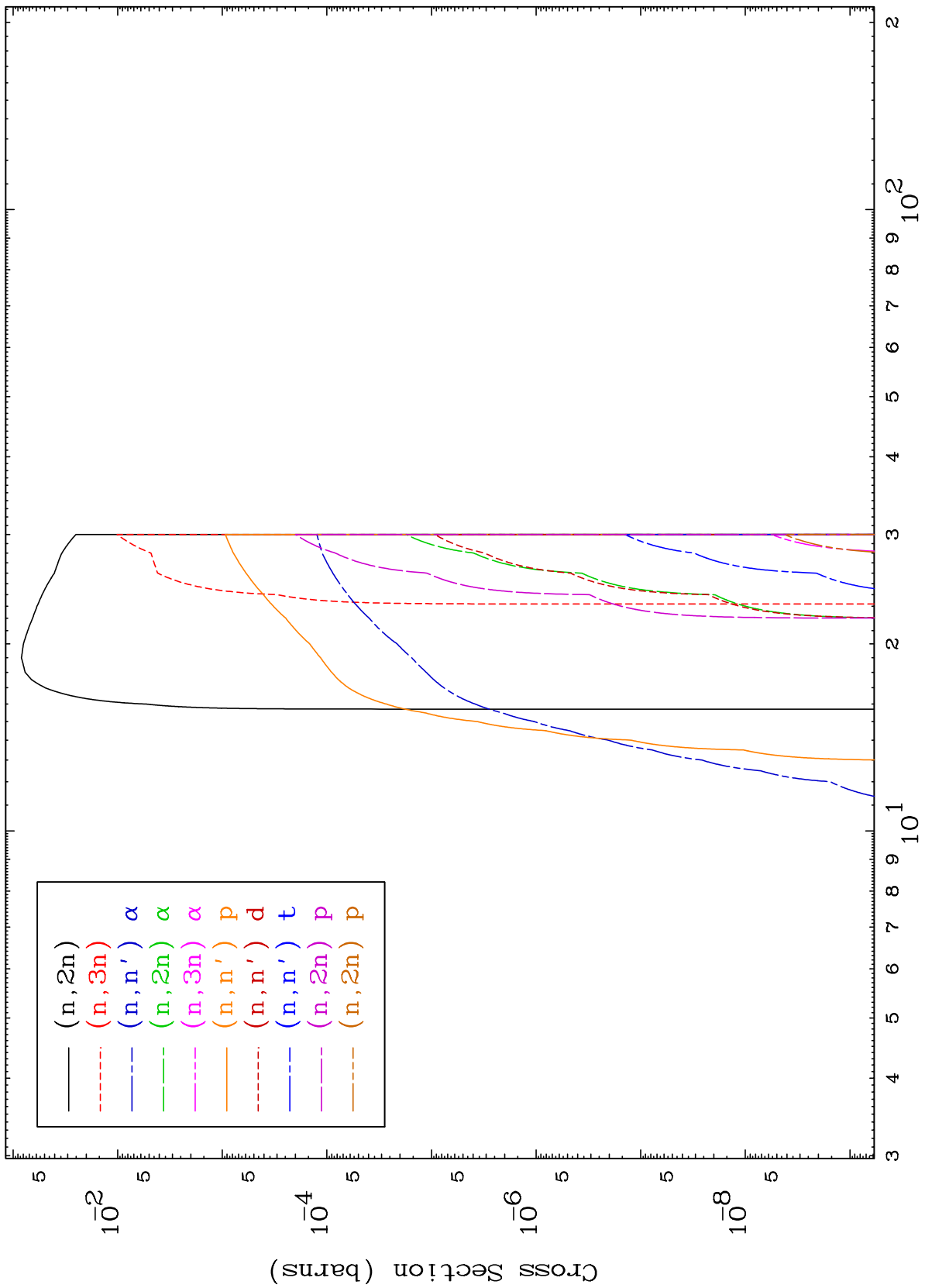
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

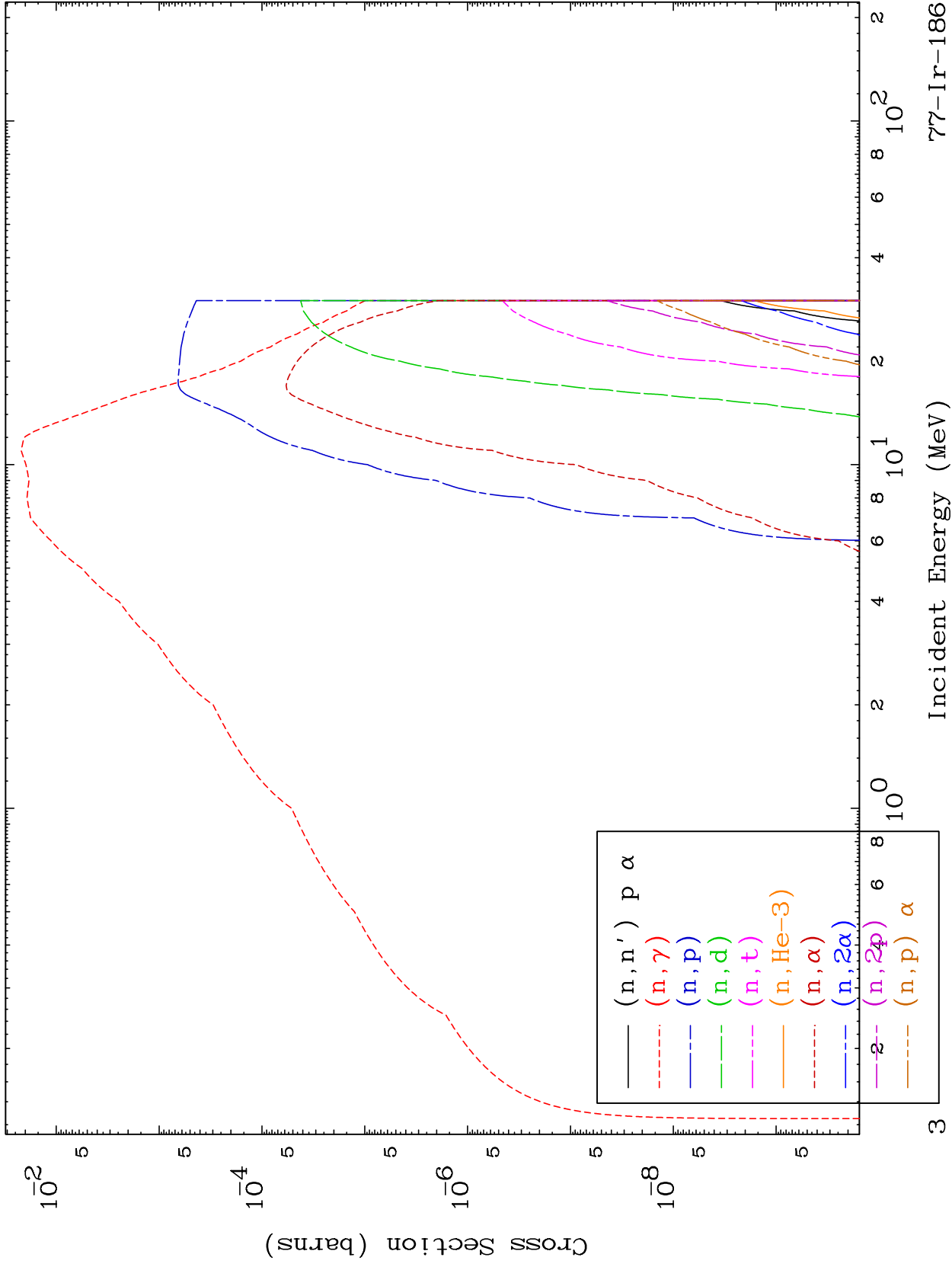




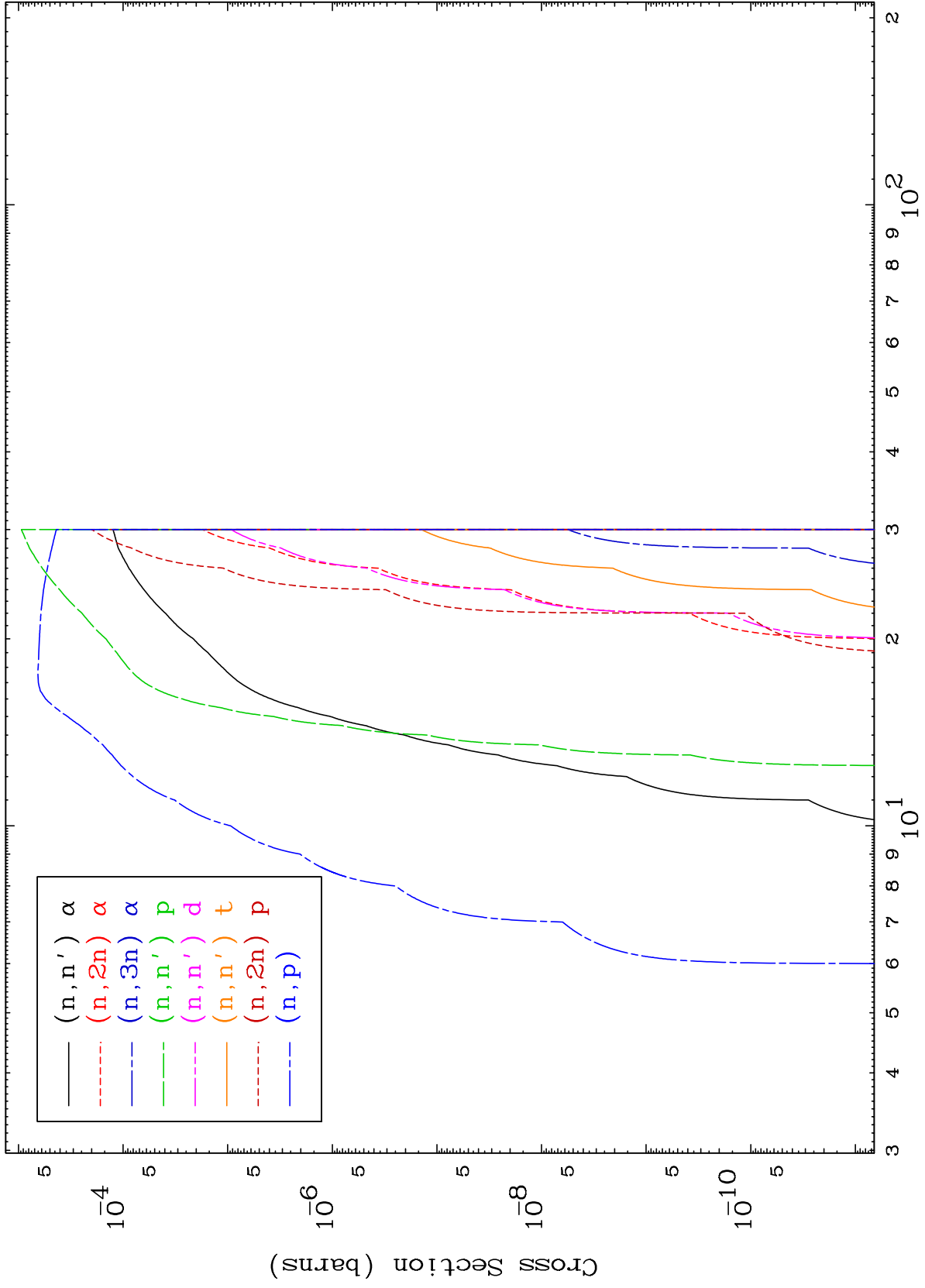
MAT 7710

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-186



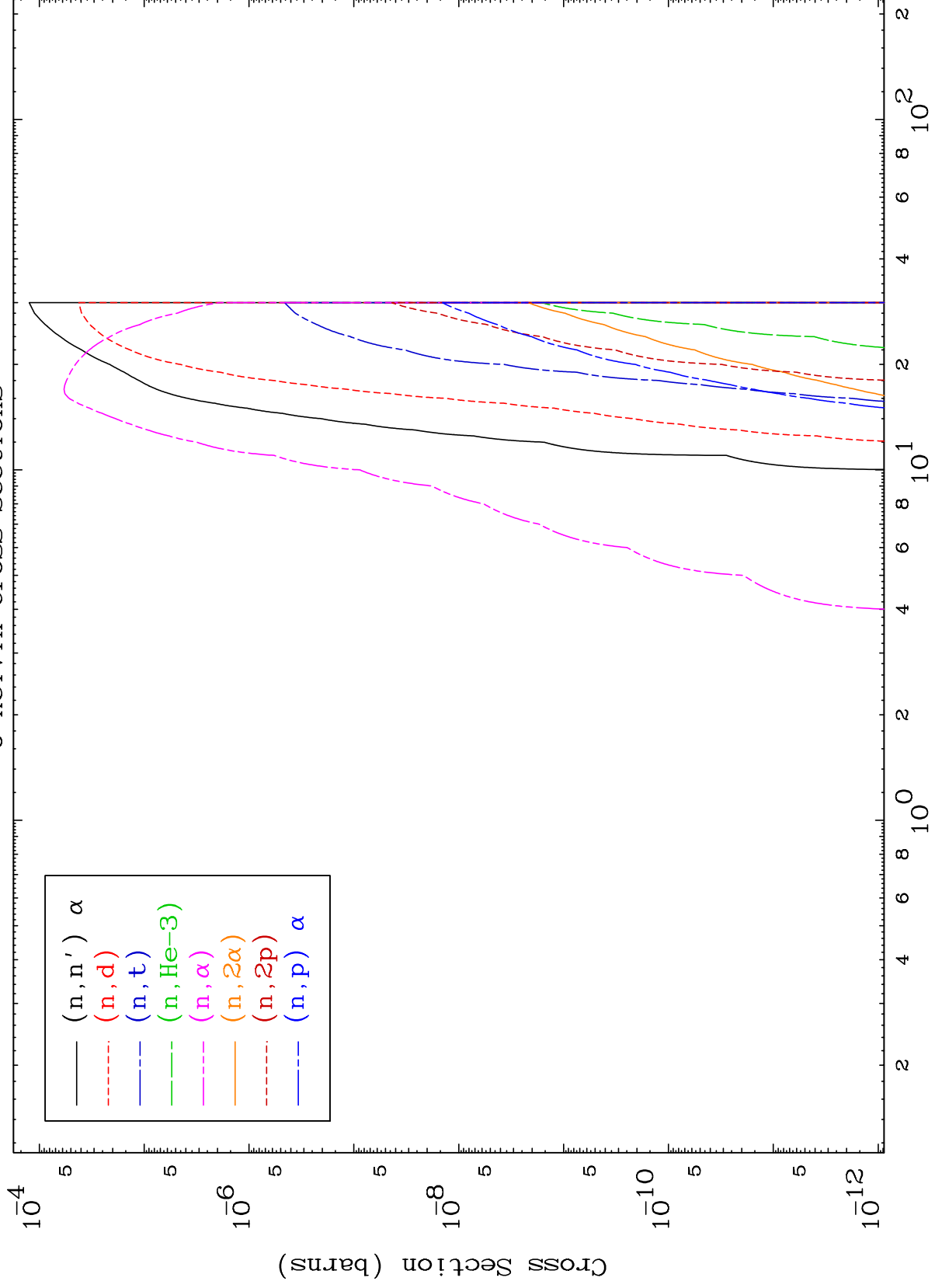
77-Ir-186



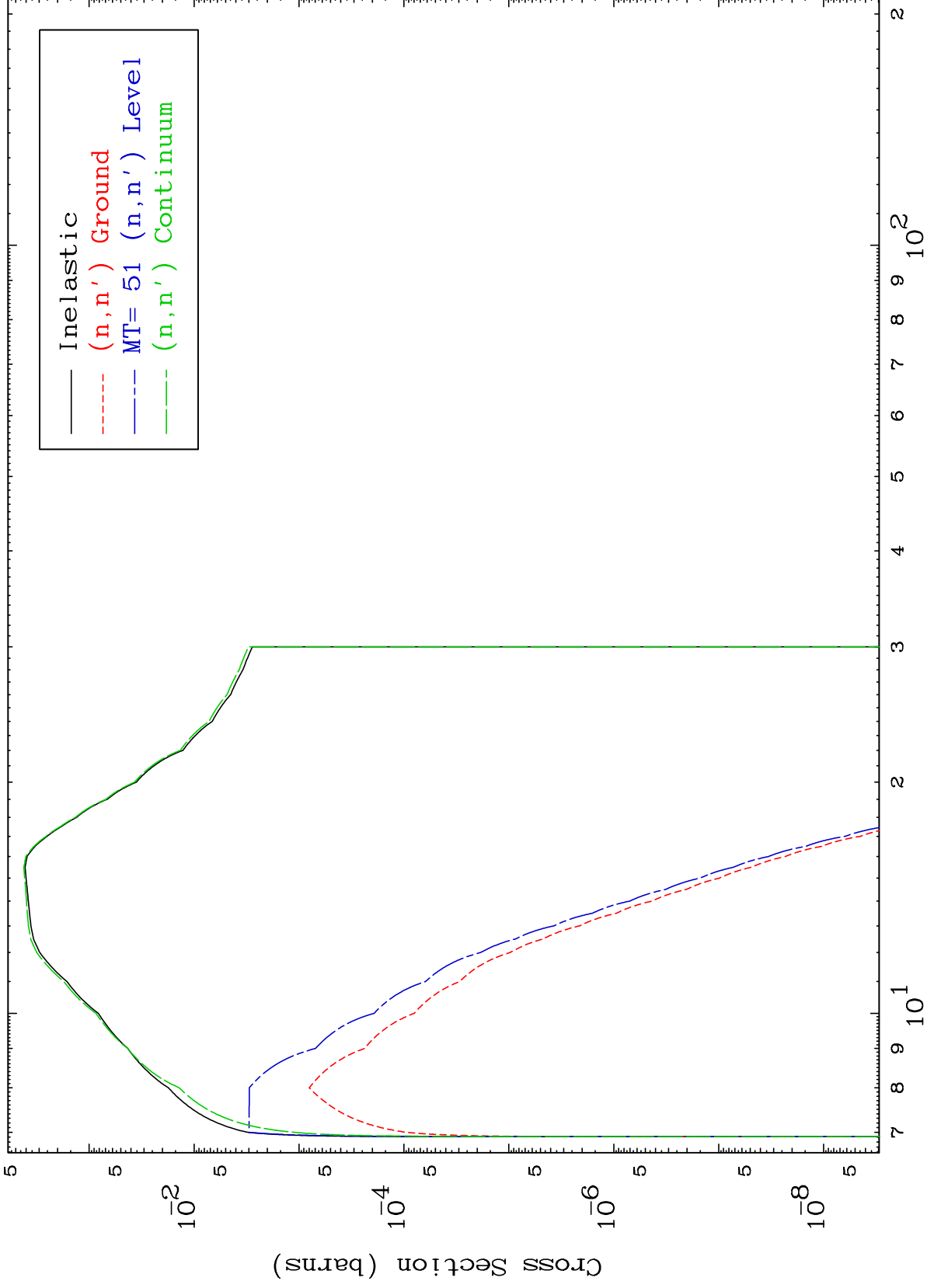
MAT 7710

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-186



0 Kelvin Cross Sections

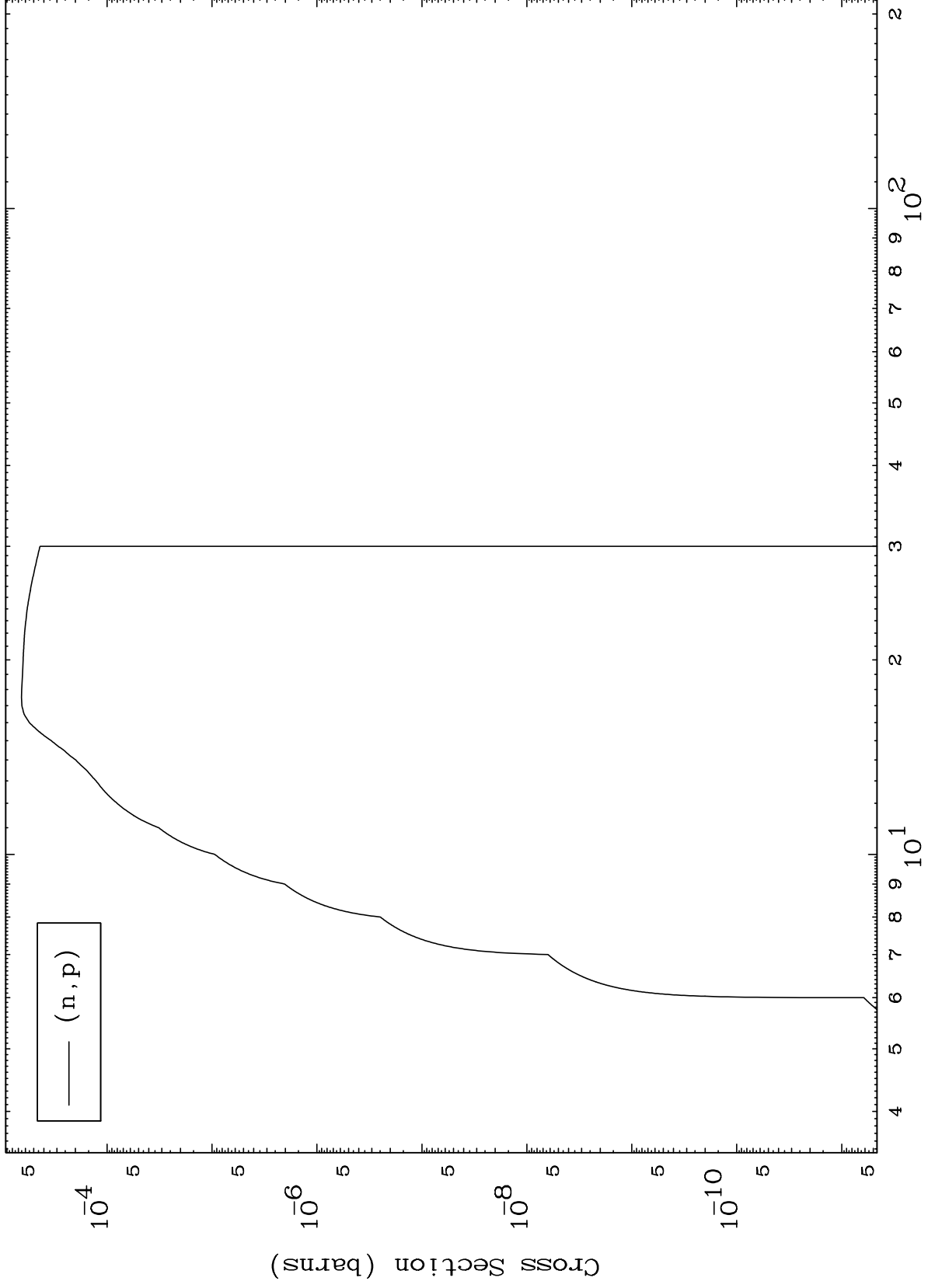


MAT 7710

(γ, p) Levels

77-Ir-186

0 Kelvin Cross Sections



7

Incident Energy (MeV)

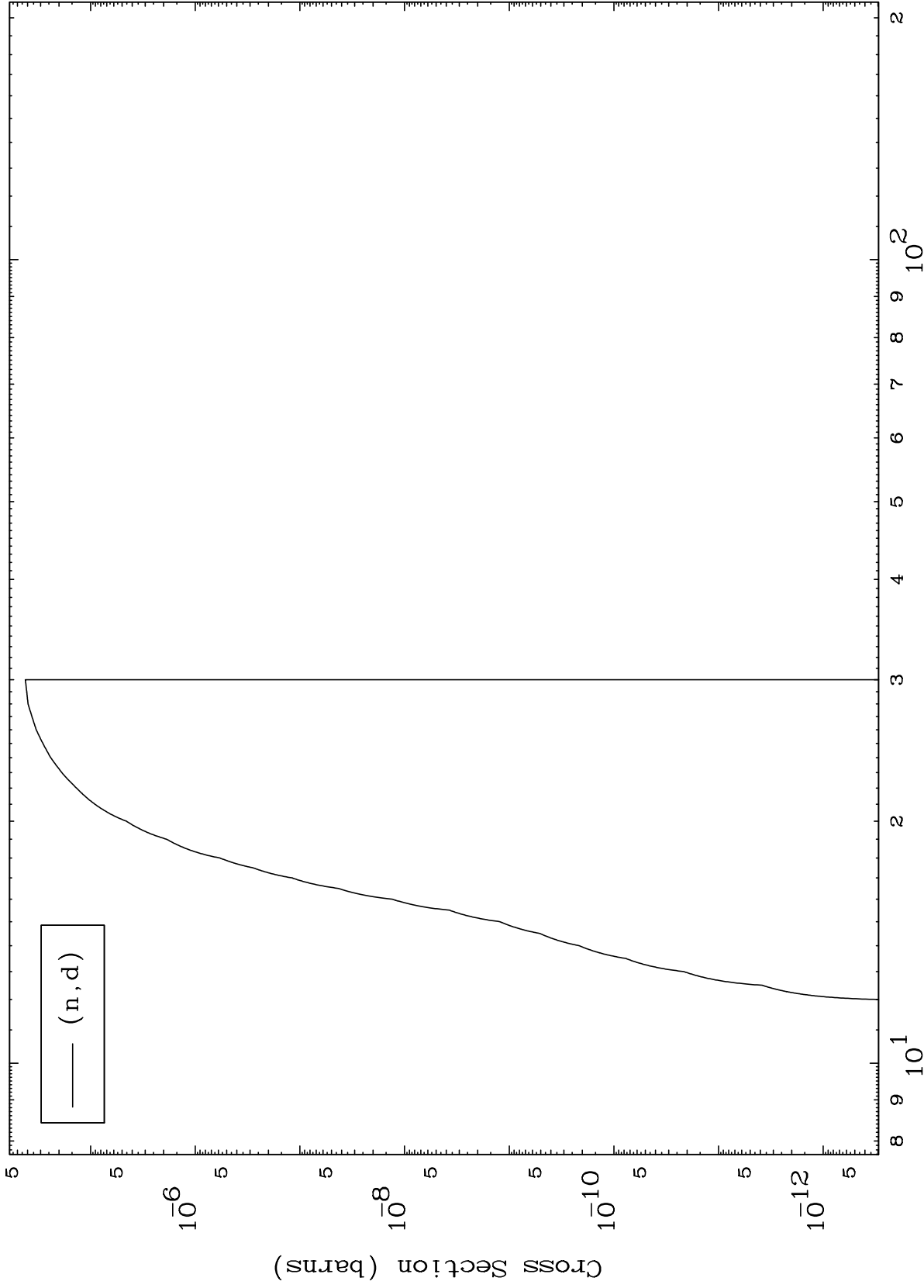
77-Ir-186

MAT 7710

(γ, d) Levels

⁷⁷Ir-186

0 Kelvin Cross Sections

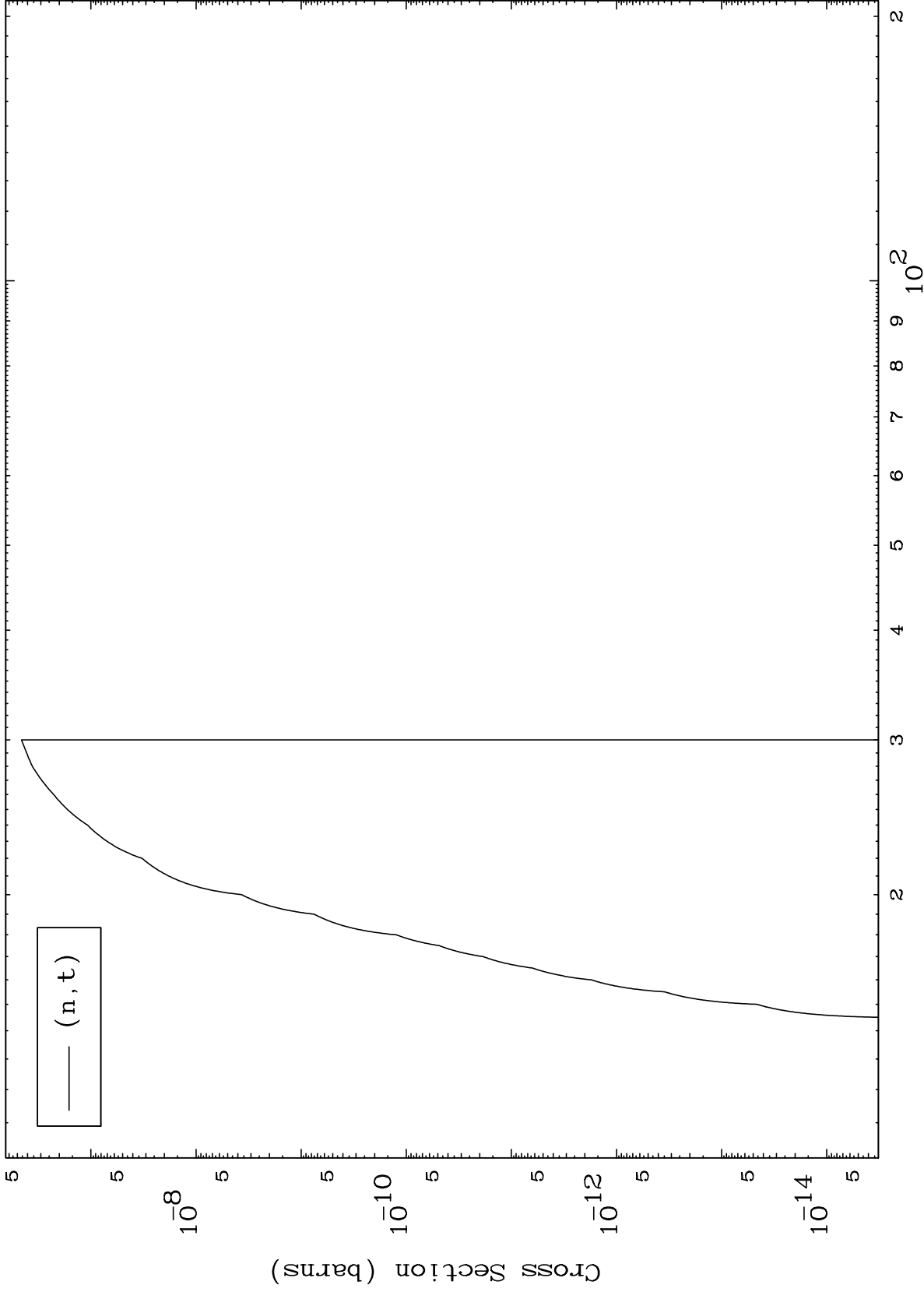


Incident Energy (MeV)

⁷⁷Ir-186

8

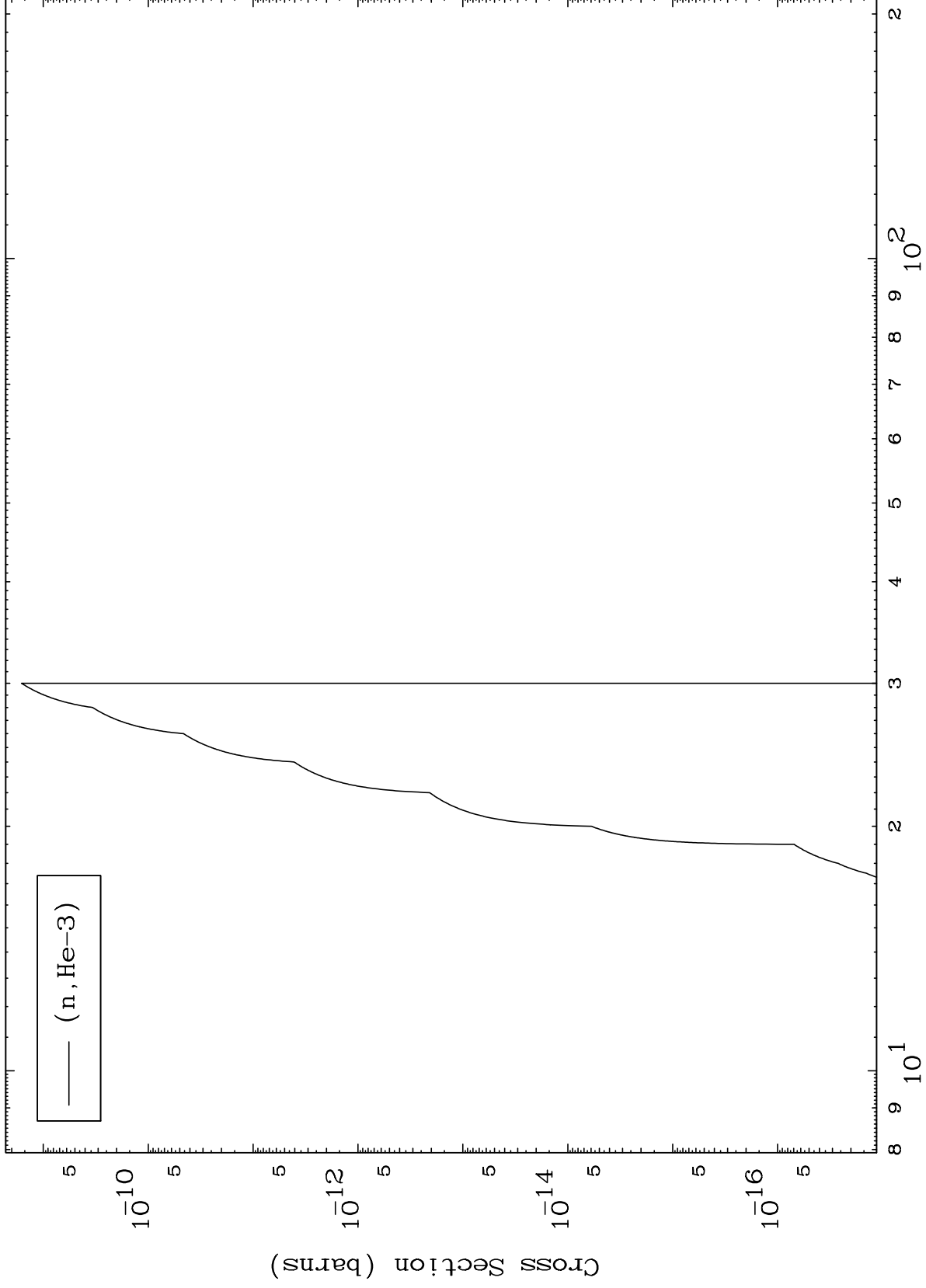
0 Kelvin Cross Sections



MAT 7710

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

77-Ir-186



10

Incident Energy (MeV)

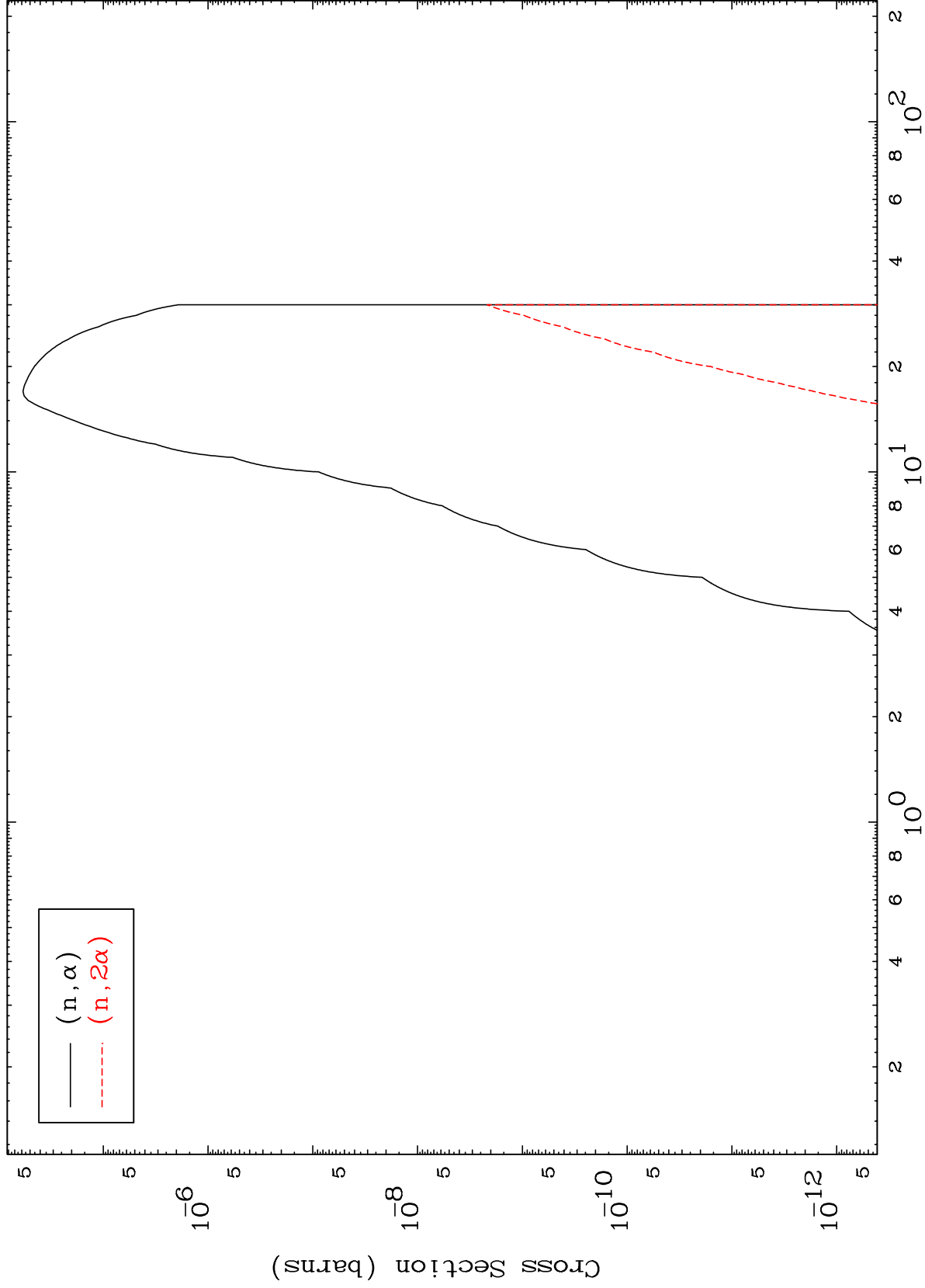
77-Ir-186

MAT 7710

(γ, α) Levels

⁷⁷Ir-186

0 Kelvin Cross Sections

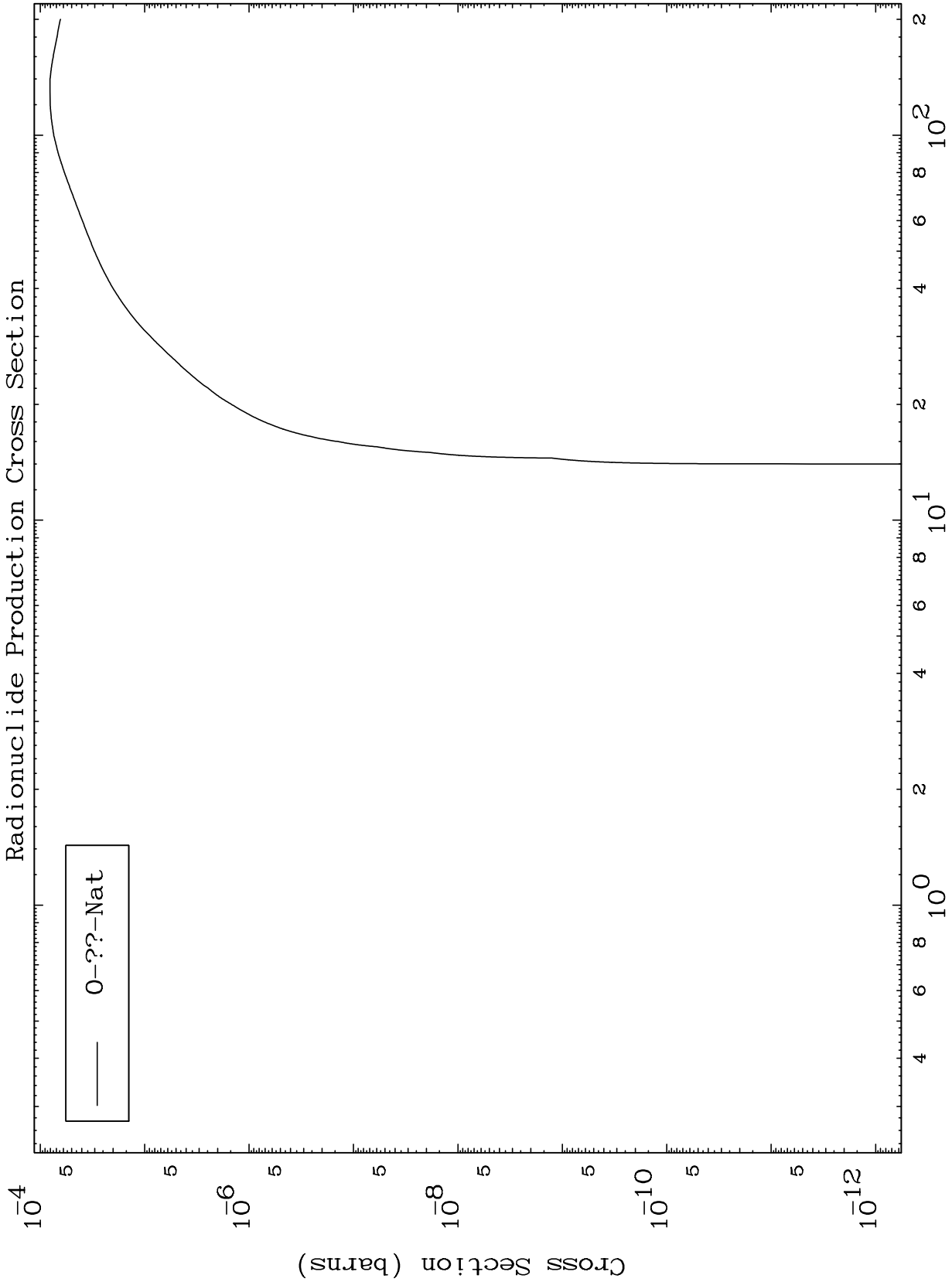


MAT 7710

Fission

⁷⁷Ir-186

Radionuclide Production Cross Section



12

Incident Energy (MeV)

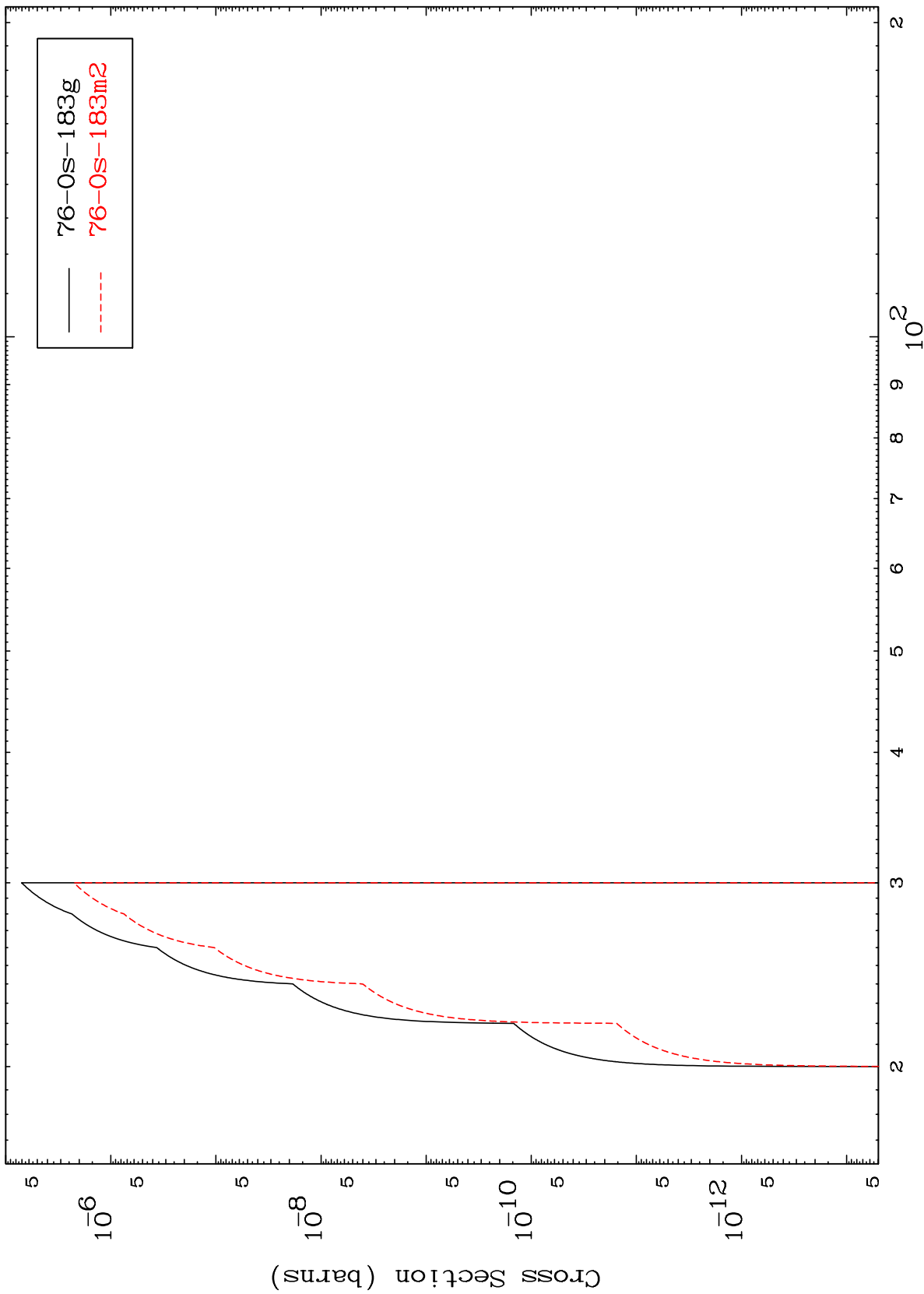
⁷⁷Ir-186

MAT 7710

(n,n') d

77-Ir-186

Radionuclide Production Cross Section



13

Incident Energy (MeV)

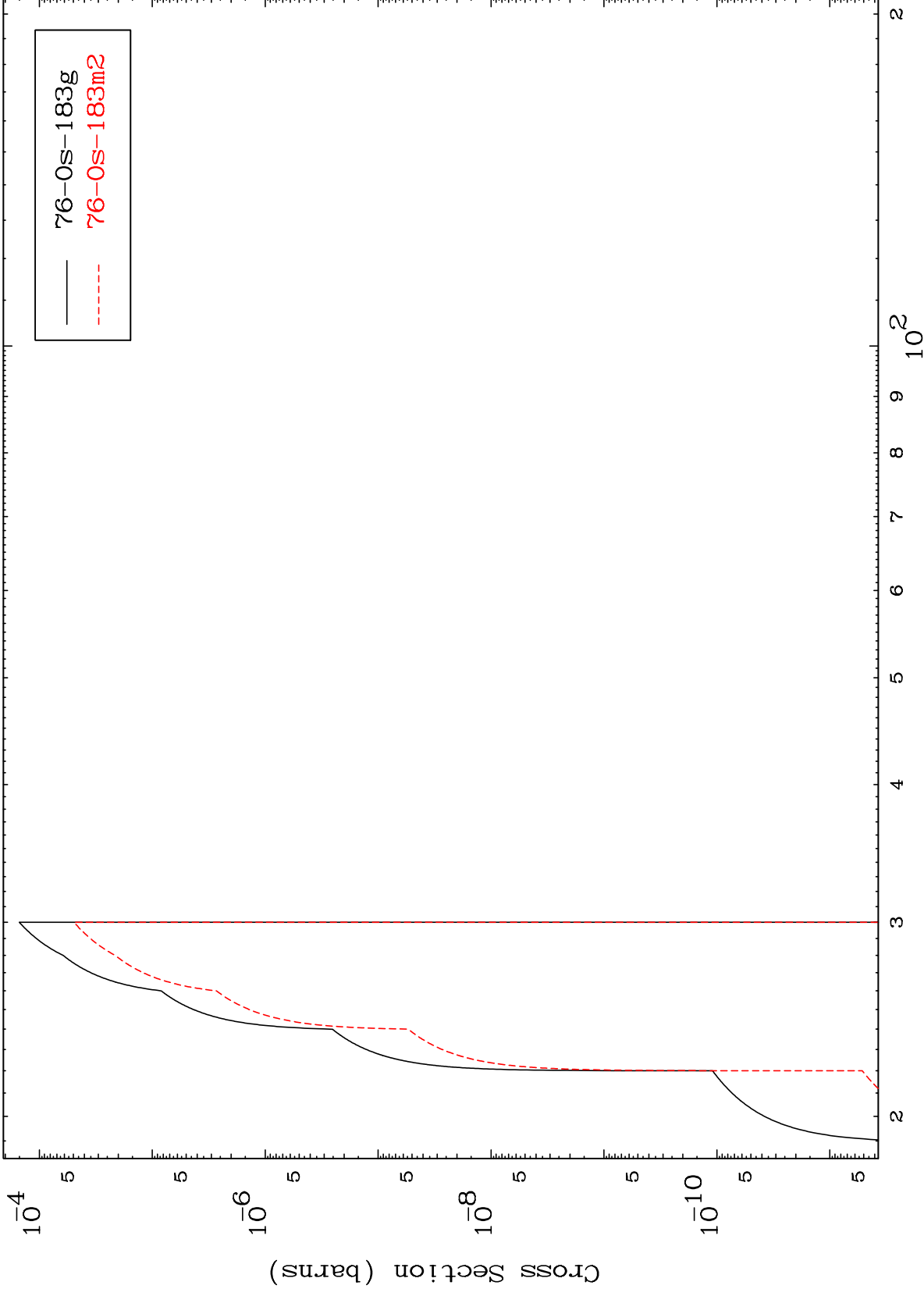
77-Ir-186

MAT 7710

(n,2n) p

77-Ir-186

Radionuclide Production Cross Section



14

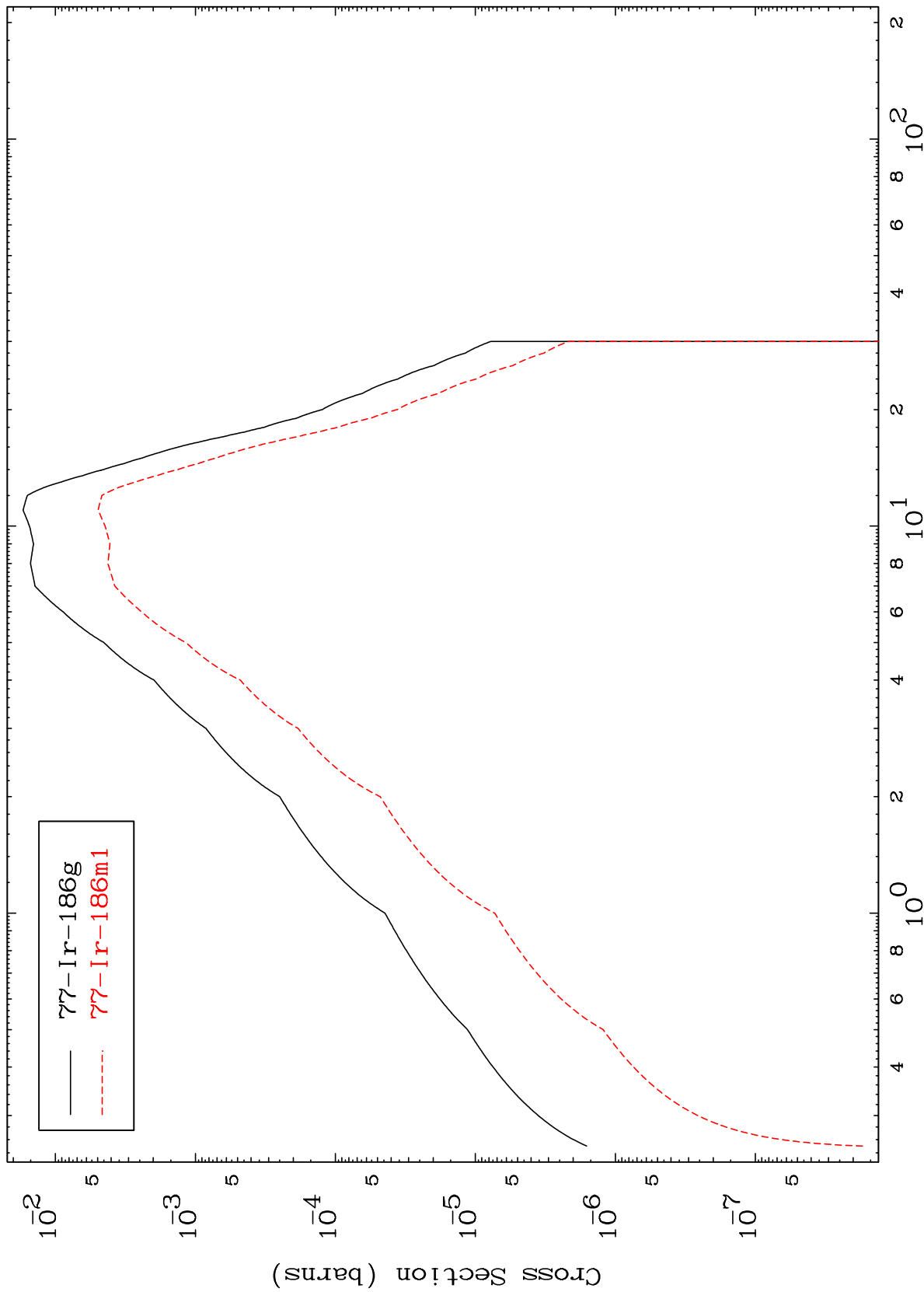
Incident Energy (MeV)

77-Ir-186

MAT 7710

⁷⁷Ir-186

Radionuclide Production Cross Section



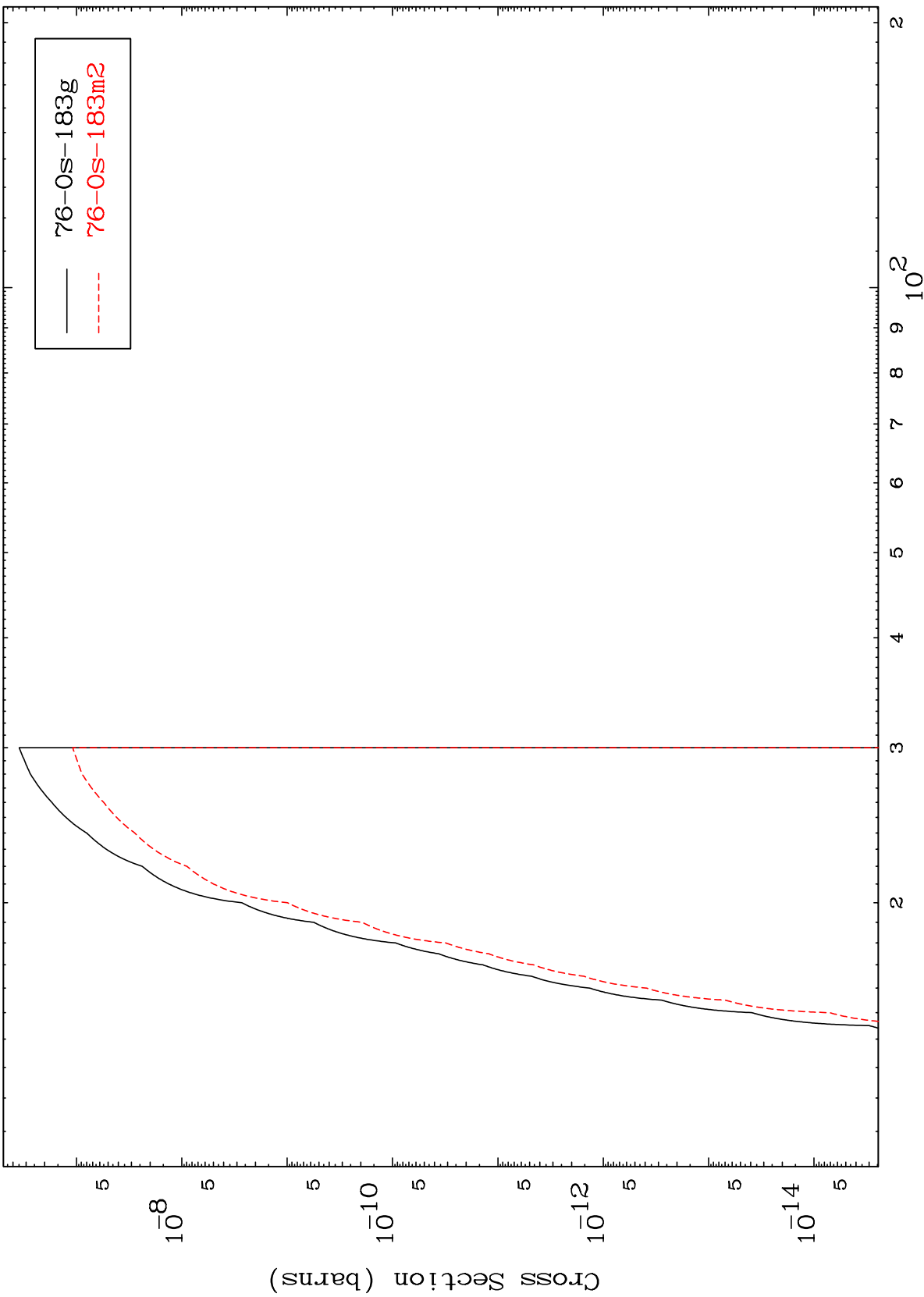
Legend:
— ⁷⁷Ir-186g
- - - ⁷⁷Ir-186m1

15

Incident Energy (MeV)

⁷⁷Ir-186

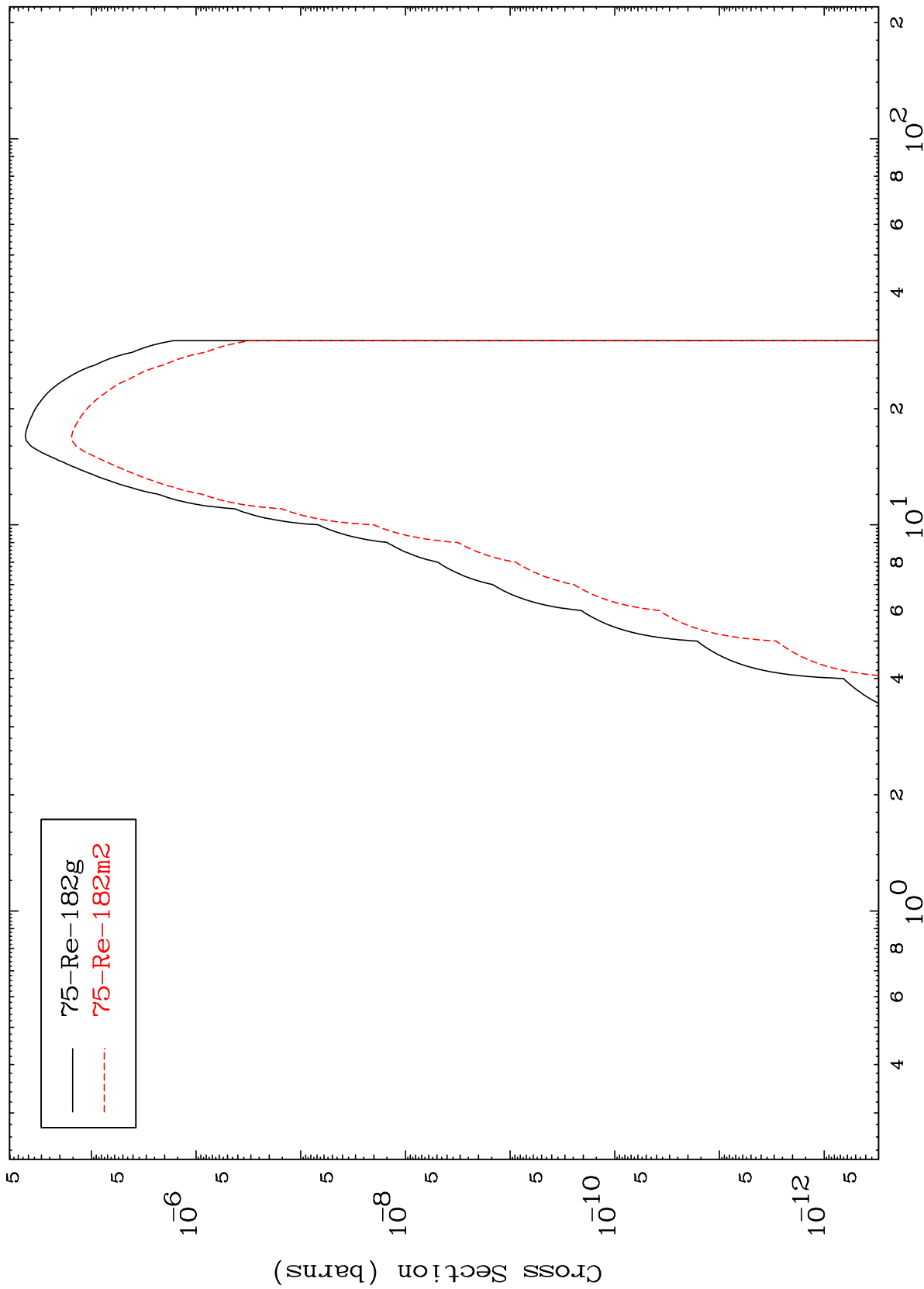
(n, t)
Radionuclide Production Cross Section



MAT 7710

77-Ir-186

Radionuclide Production Cross Section



17

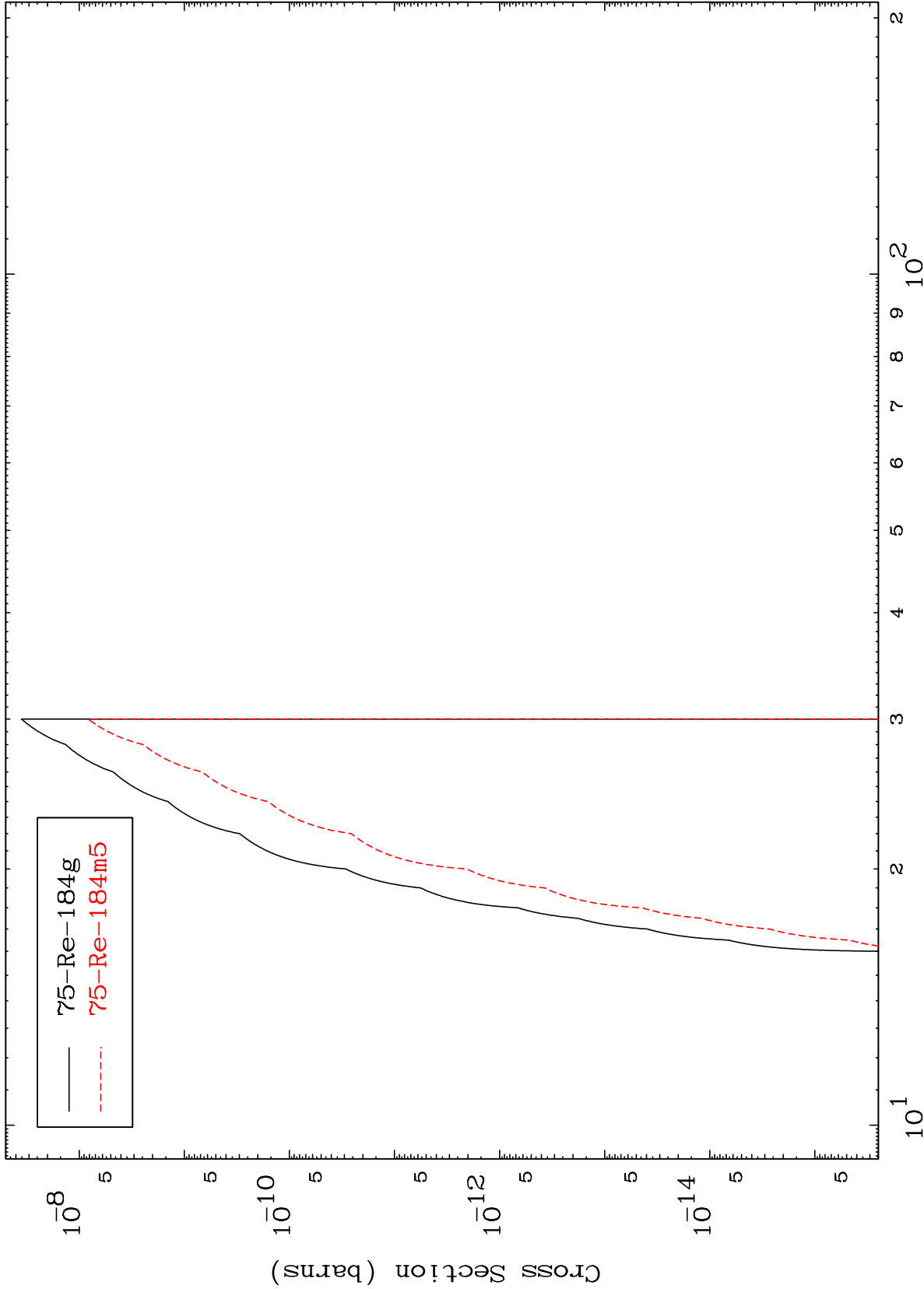
77-Ir-186

Incident Energy (MeV)

MAT 7710

77-Ir-186

(n,2p)
Radionuclide Production Cross Section



77-Ir-186

Incident Energy (MeV)

18