

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

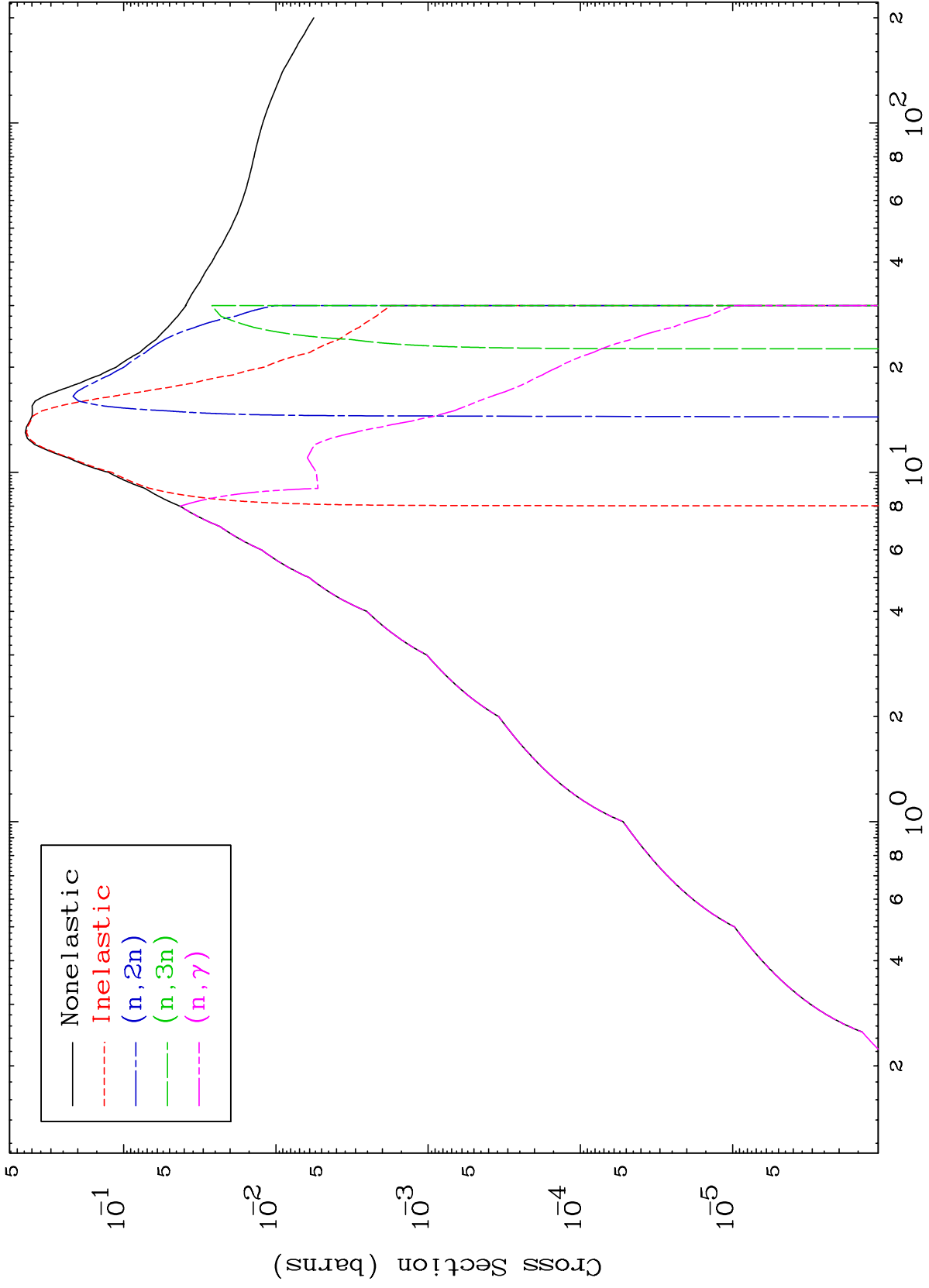
Web: redcullen1.net/HOMEPAGE.NEW

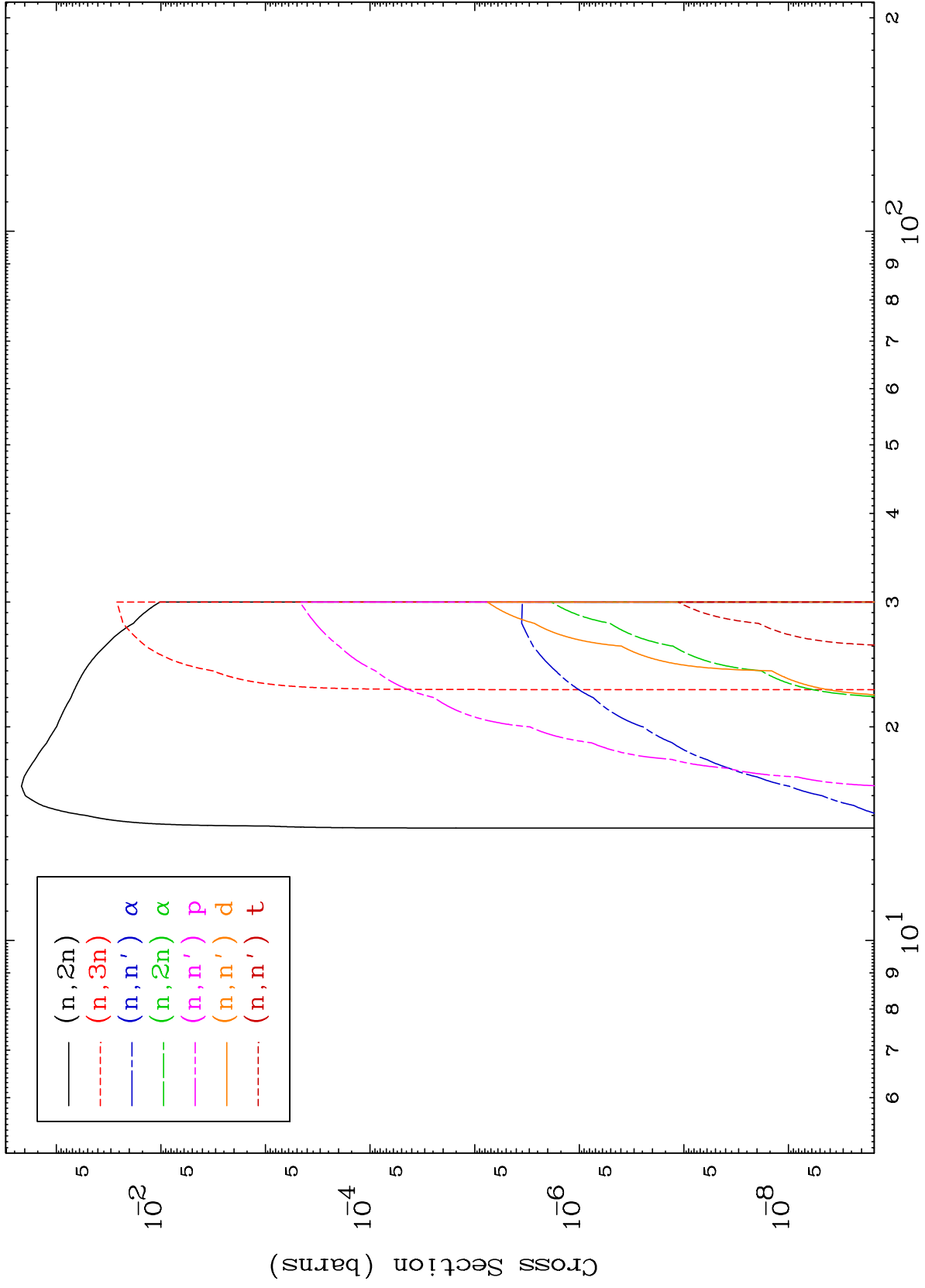
Press Mouse Button to Start

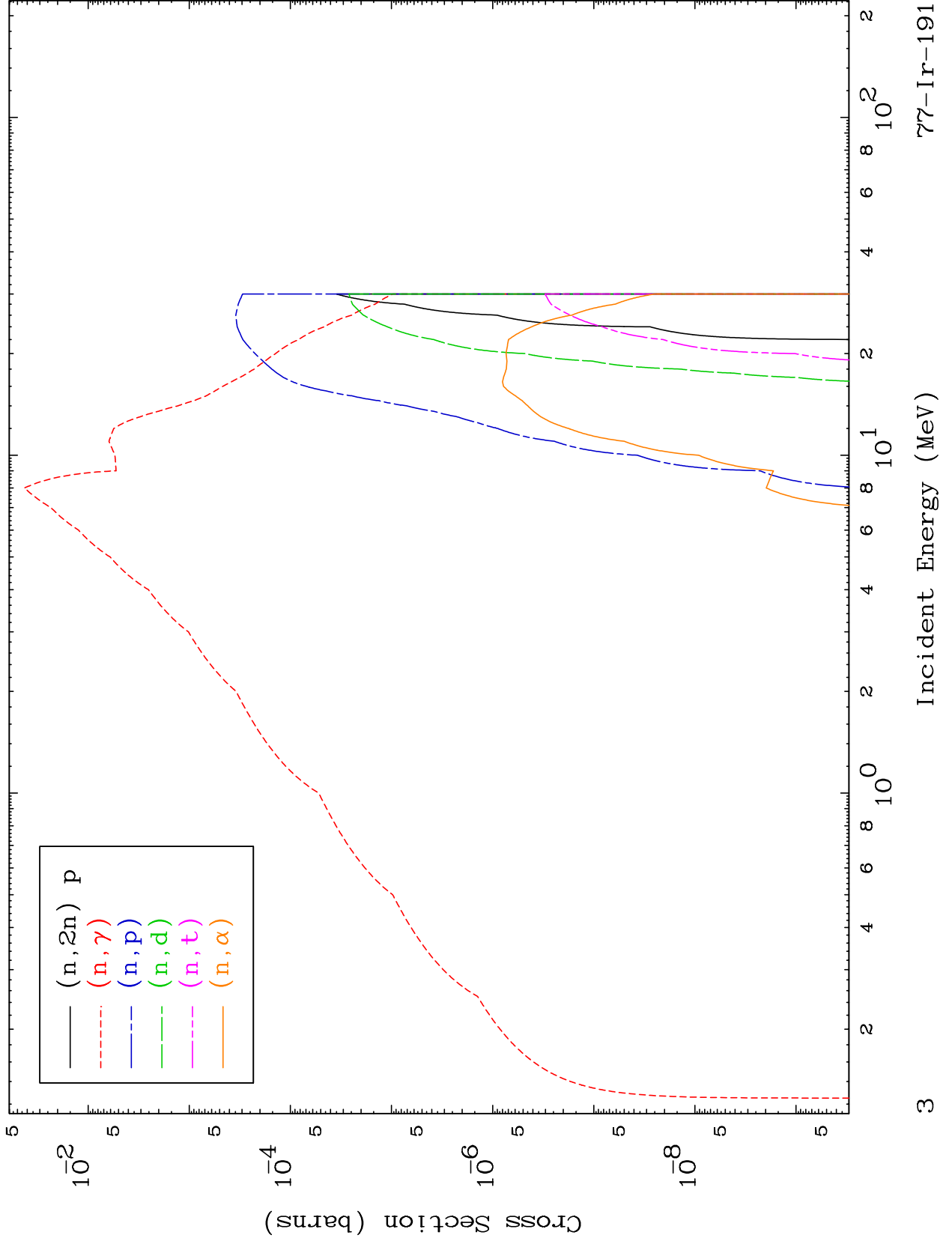
MAT 7725

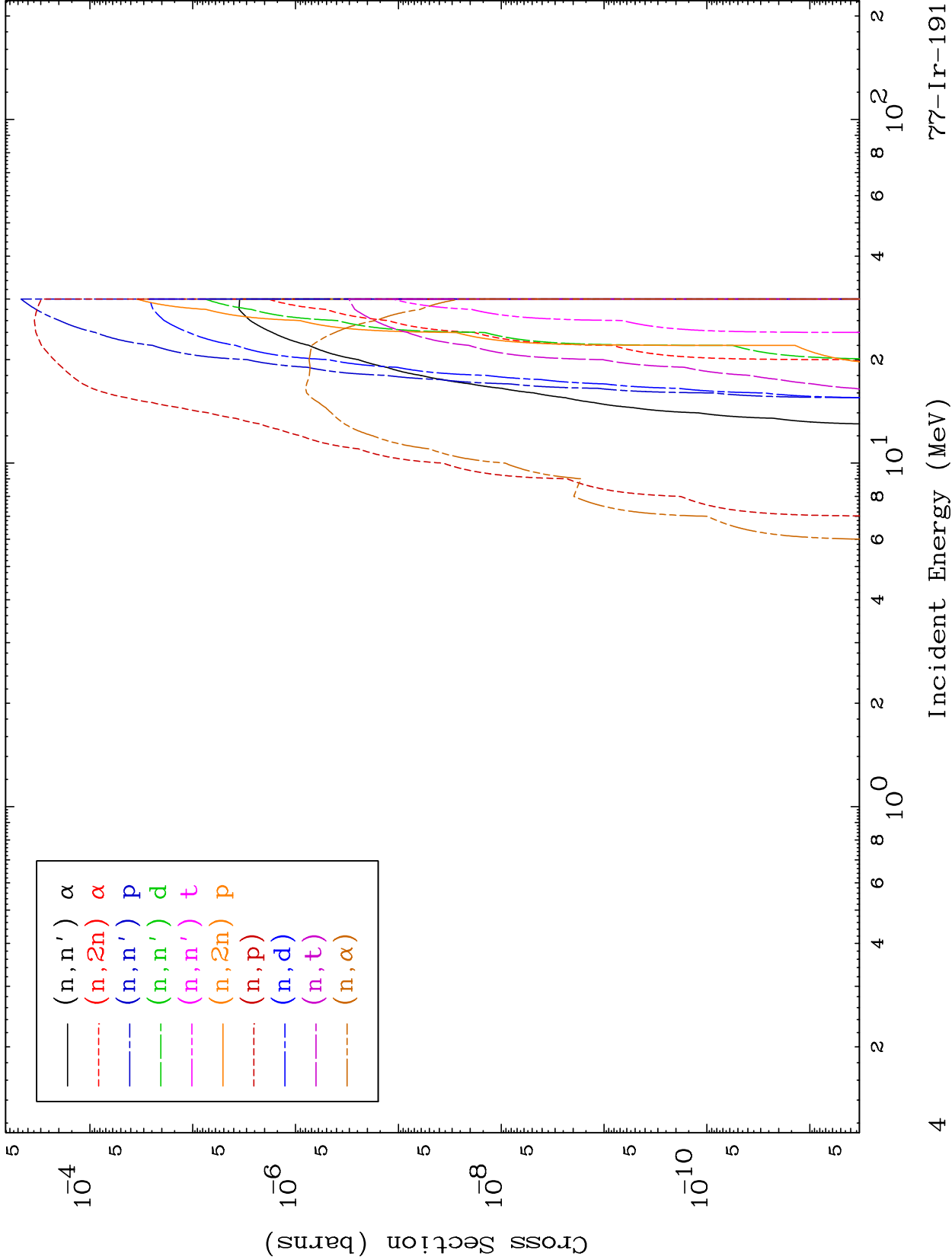
Photon Major
0 Kelvin Cross Sections

77-Ir-191

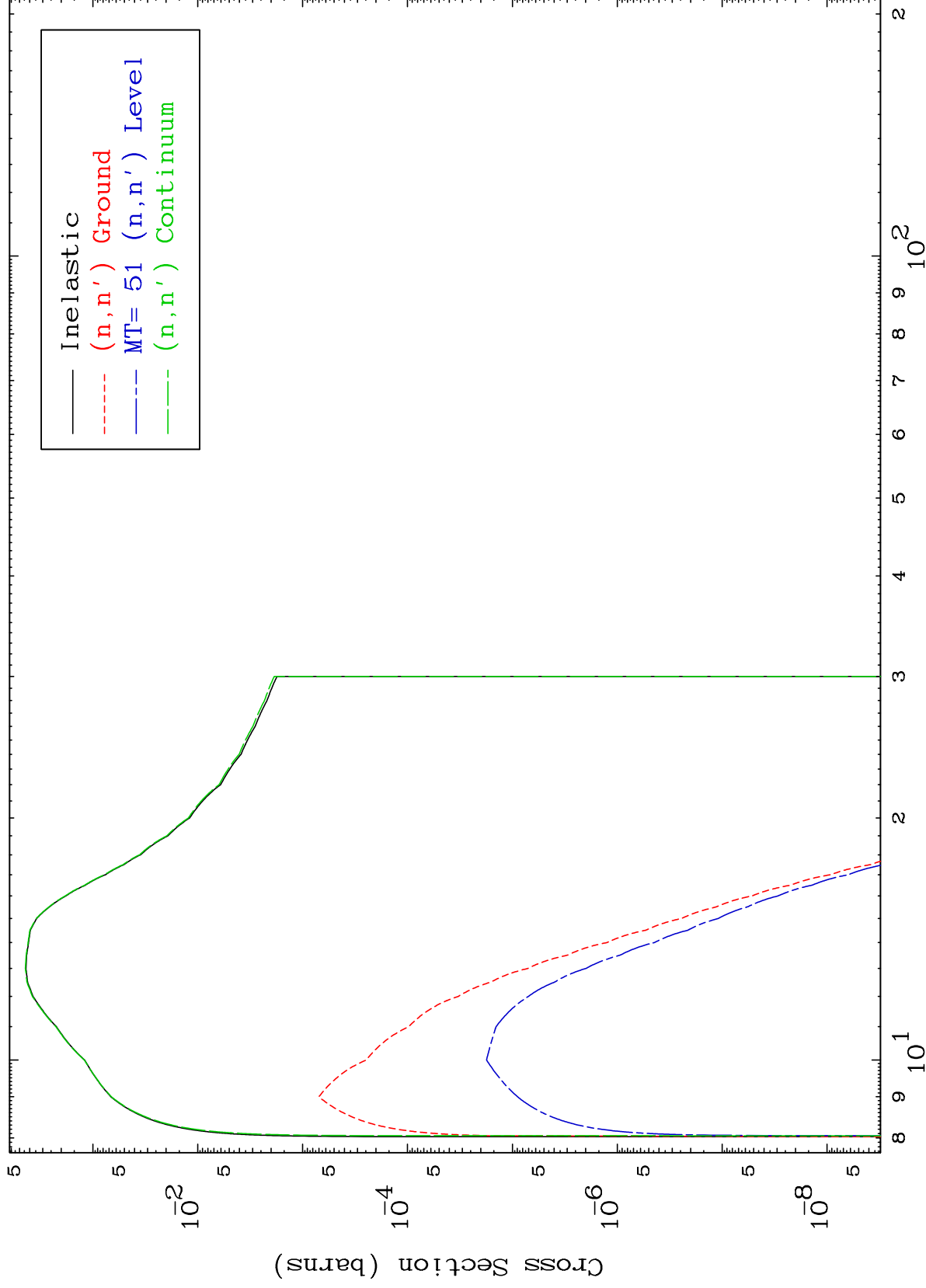




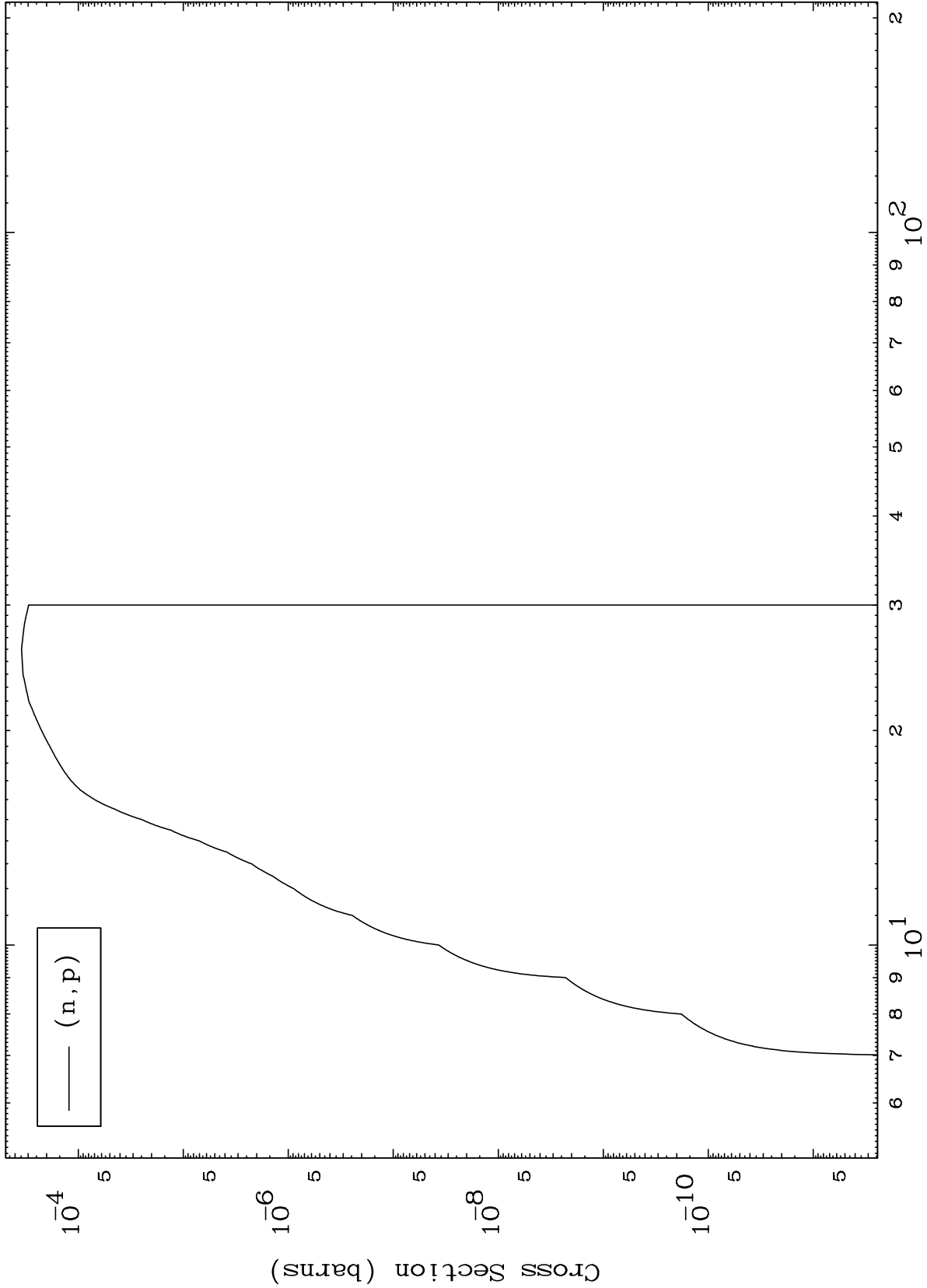




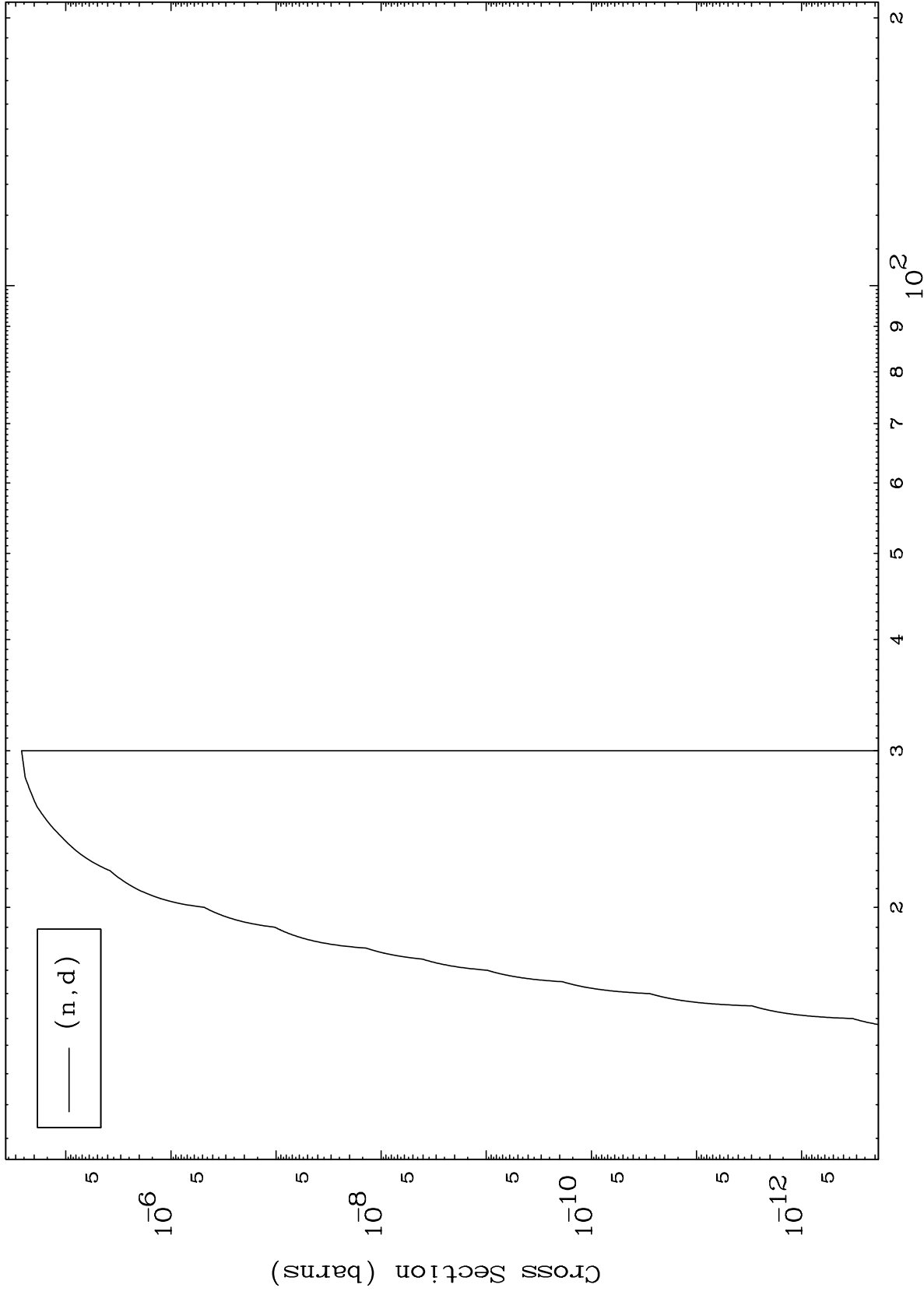
0 Kelvin Cross Sections

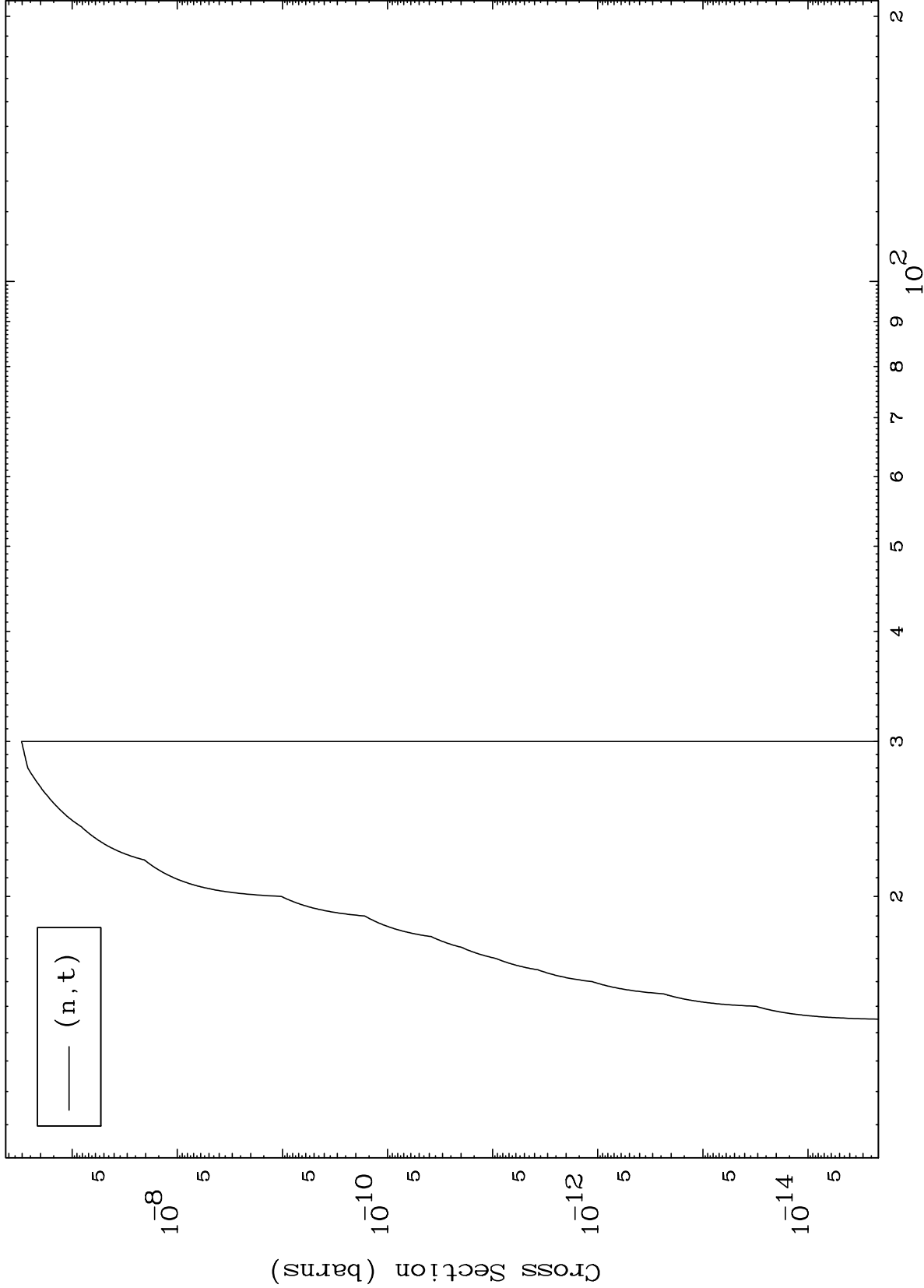


(γ, p) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

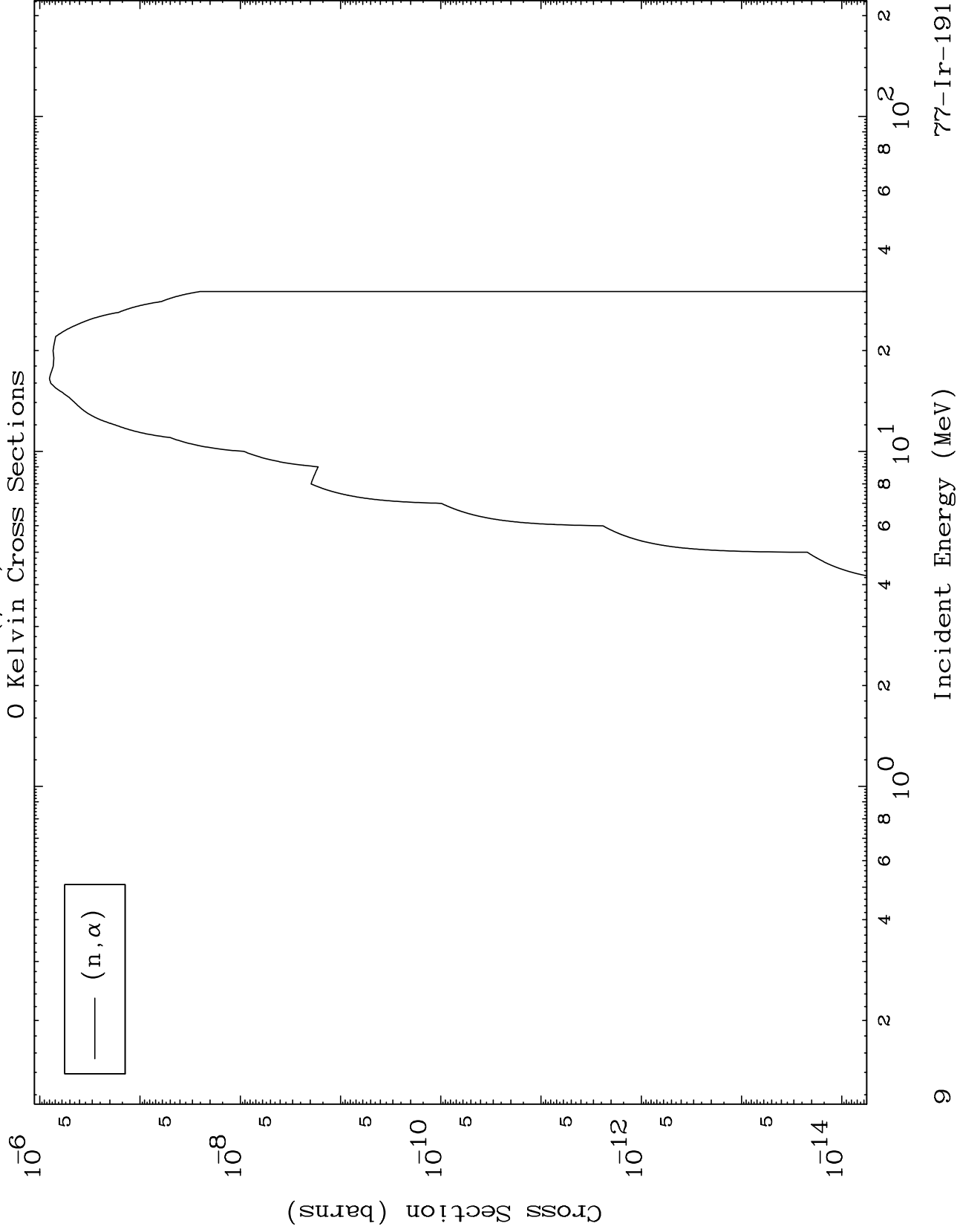




MAT 7725

(γ, α) Levels

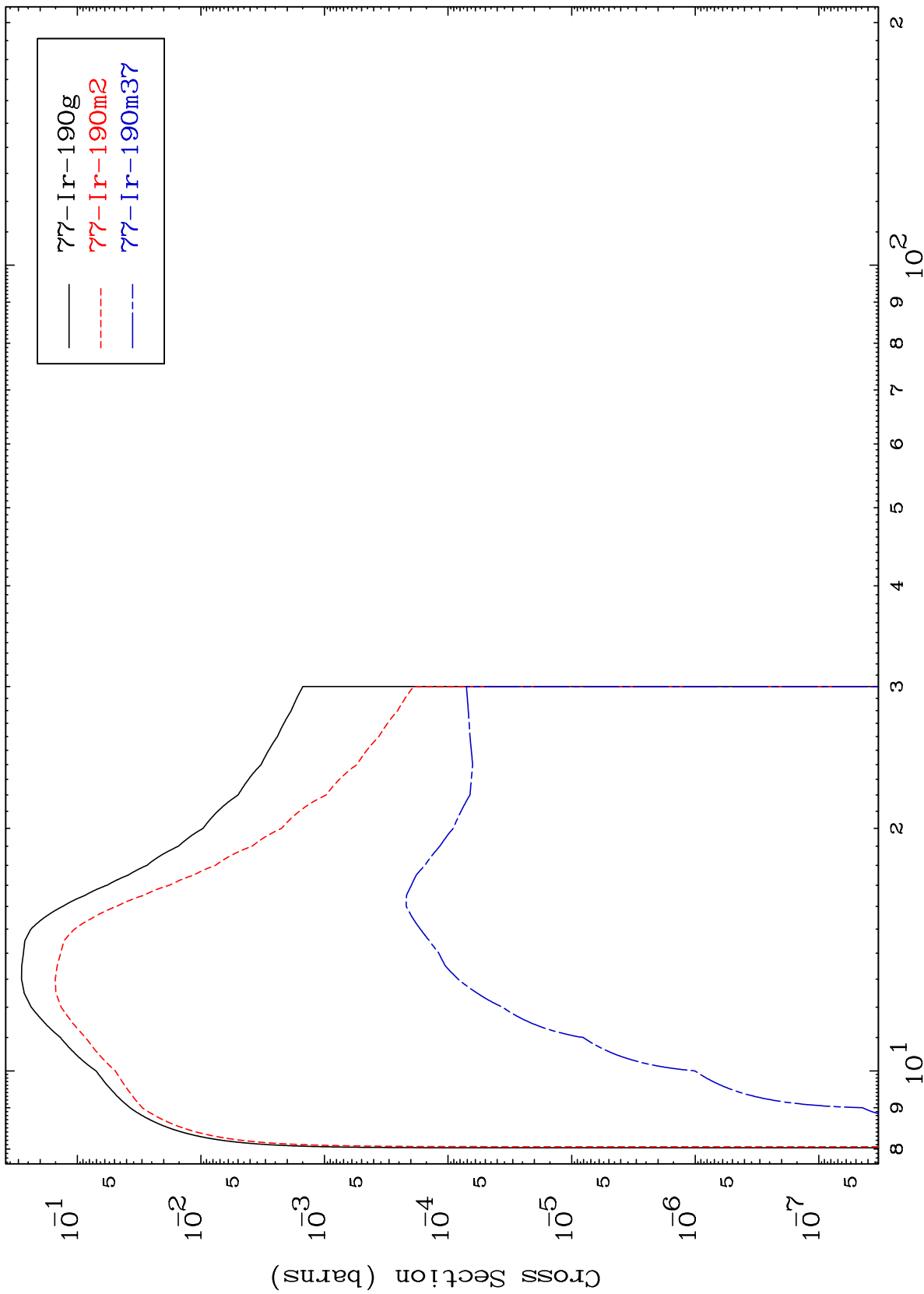
77-Ir-191



MAT 7725

77-Ir-191

Inelastic
Radionuclide Production Cross Section



77-Ir-191

Incident Energy (MeV)

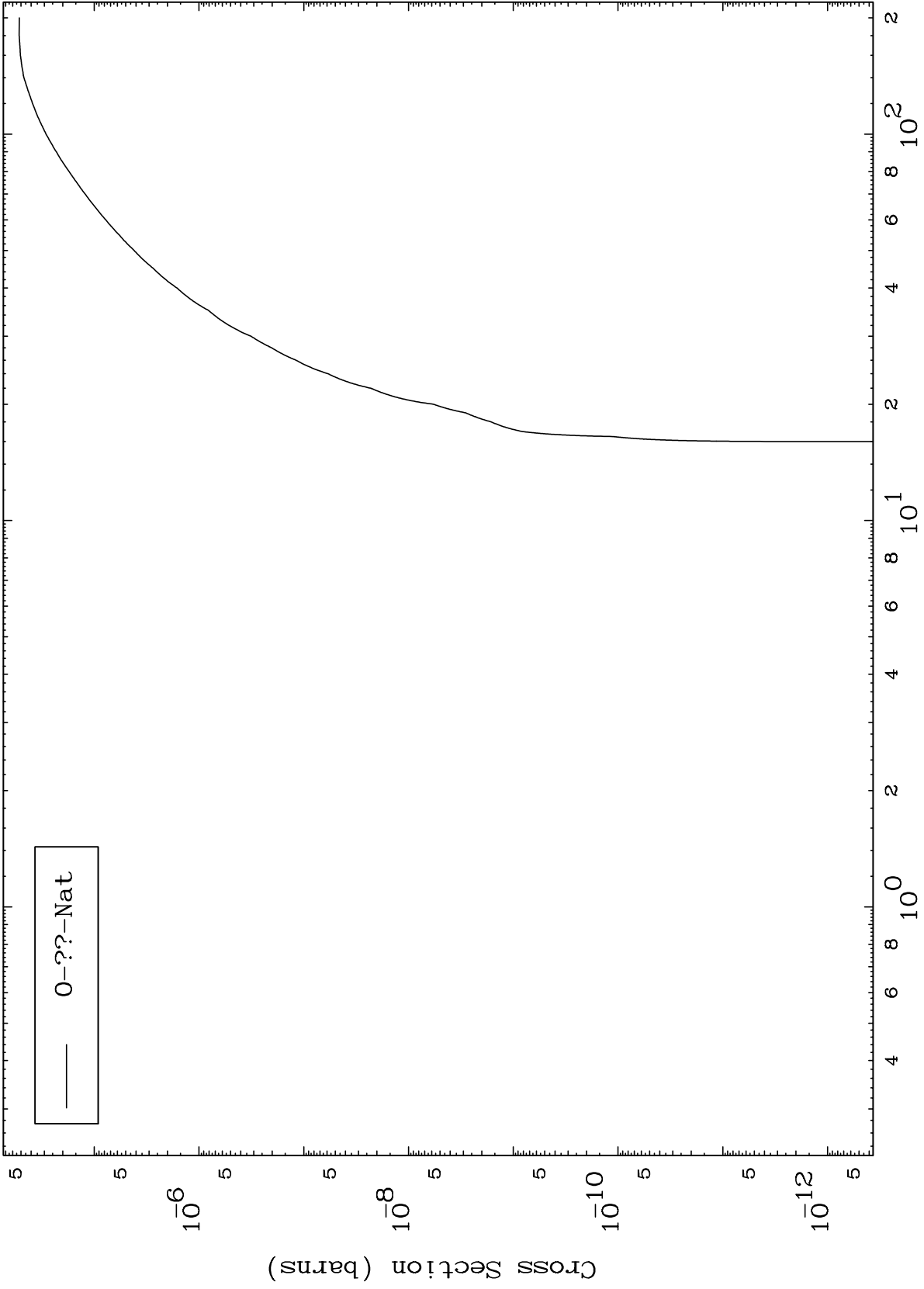
10

MAT 7725

Fission

⁷⁷Ir-191

Radionuclide Production Cross Section

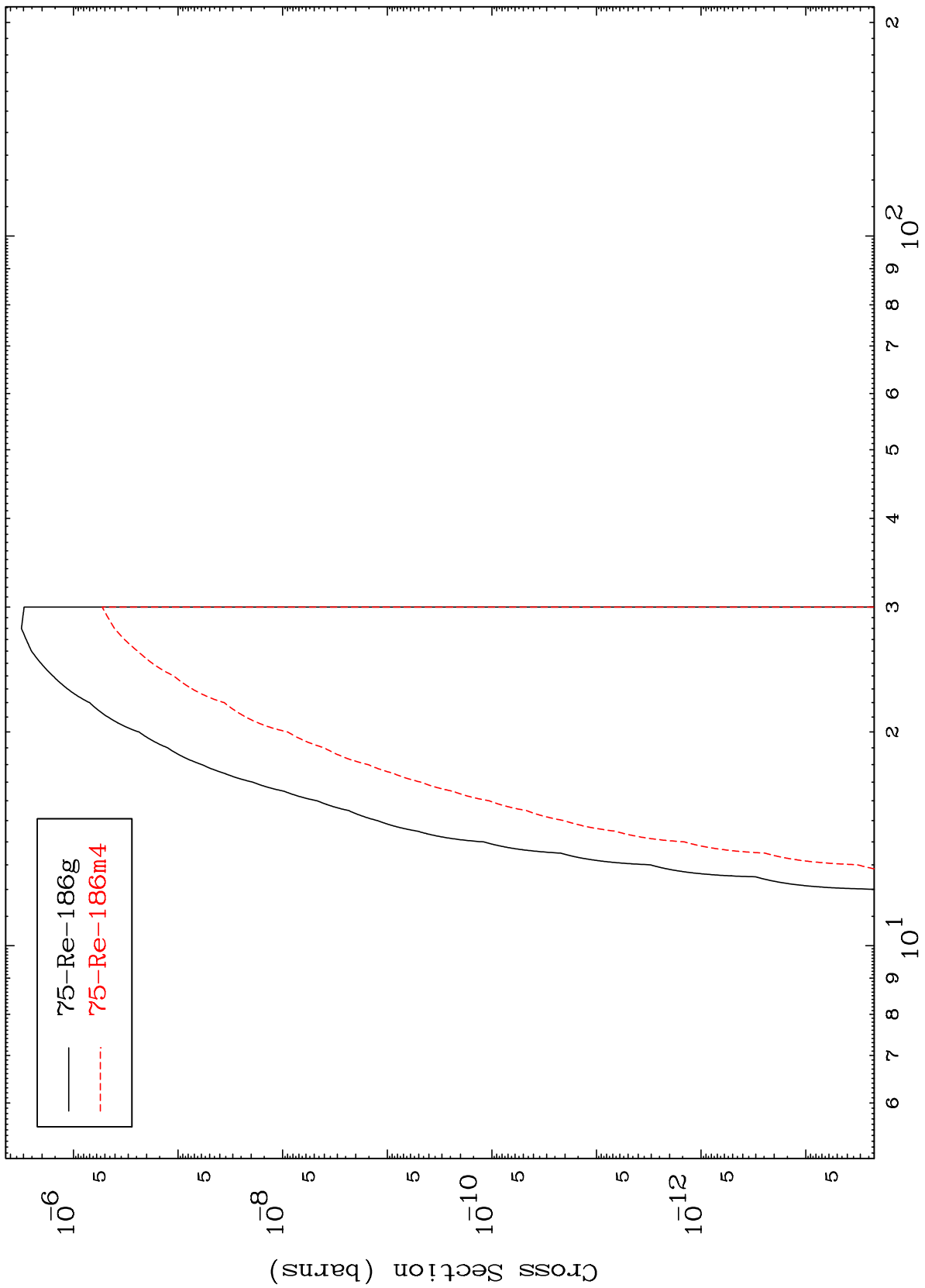


MAT 7725

$(n, n') \alpha$

77-Ir-191

Radionuclide Production Cross Section



12

Incident Energy (MeV)

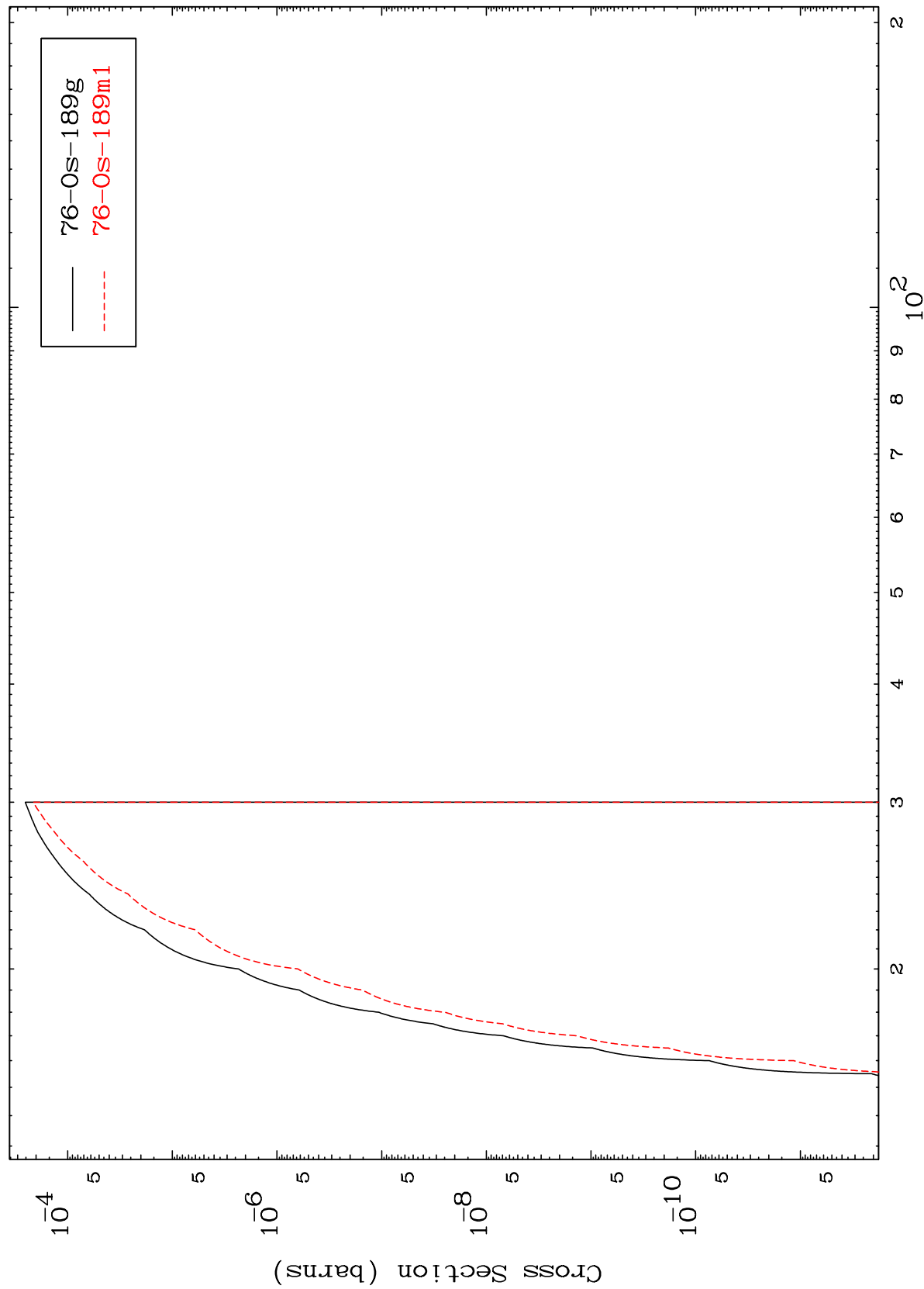
77-Ir-191

MAT 7725

(n,n') p

77-Ir-191

Radionuclide Production Cross Section



13

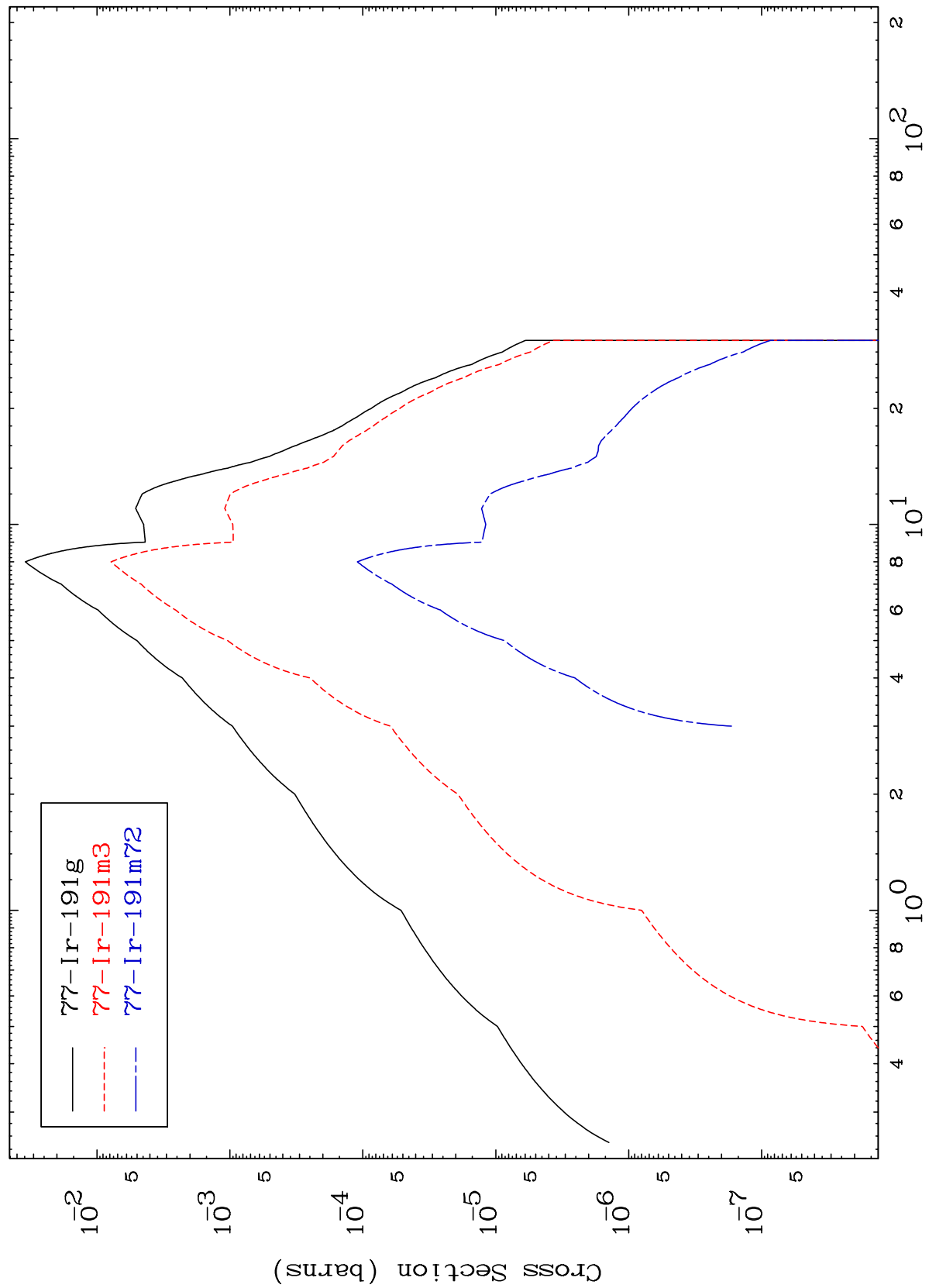
Incident Energy (MeV)

77-Ir-191

MAT 7725

⁷⁷Ir-191

(n,γ)
Radionuclide Production Cross Section



Legend:
— ⁷⁷Ir-191g
- - - ⁷⁷Ir-191m3
- · - ⁷⁷Ir-191m72

14

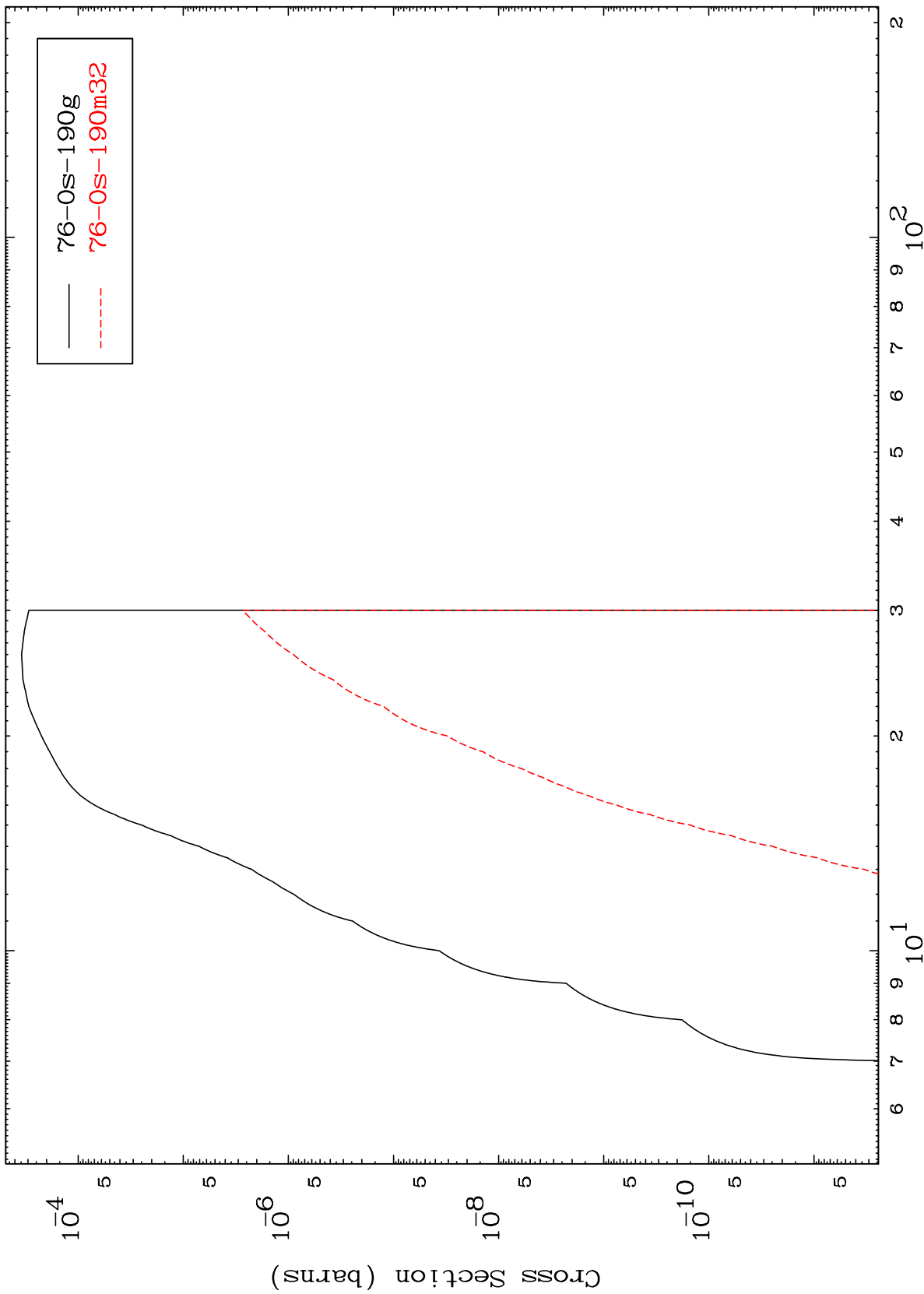
Incident Energy (MeV)

⁷⁷Ir-191

MAT 7725

77-Ir-191

(n,p)
Radionuclide Production Cross Section



15

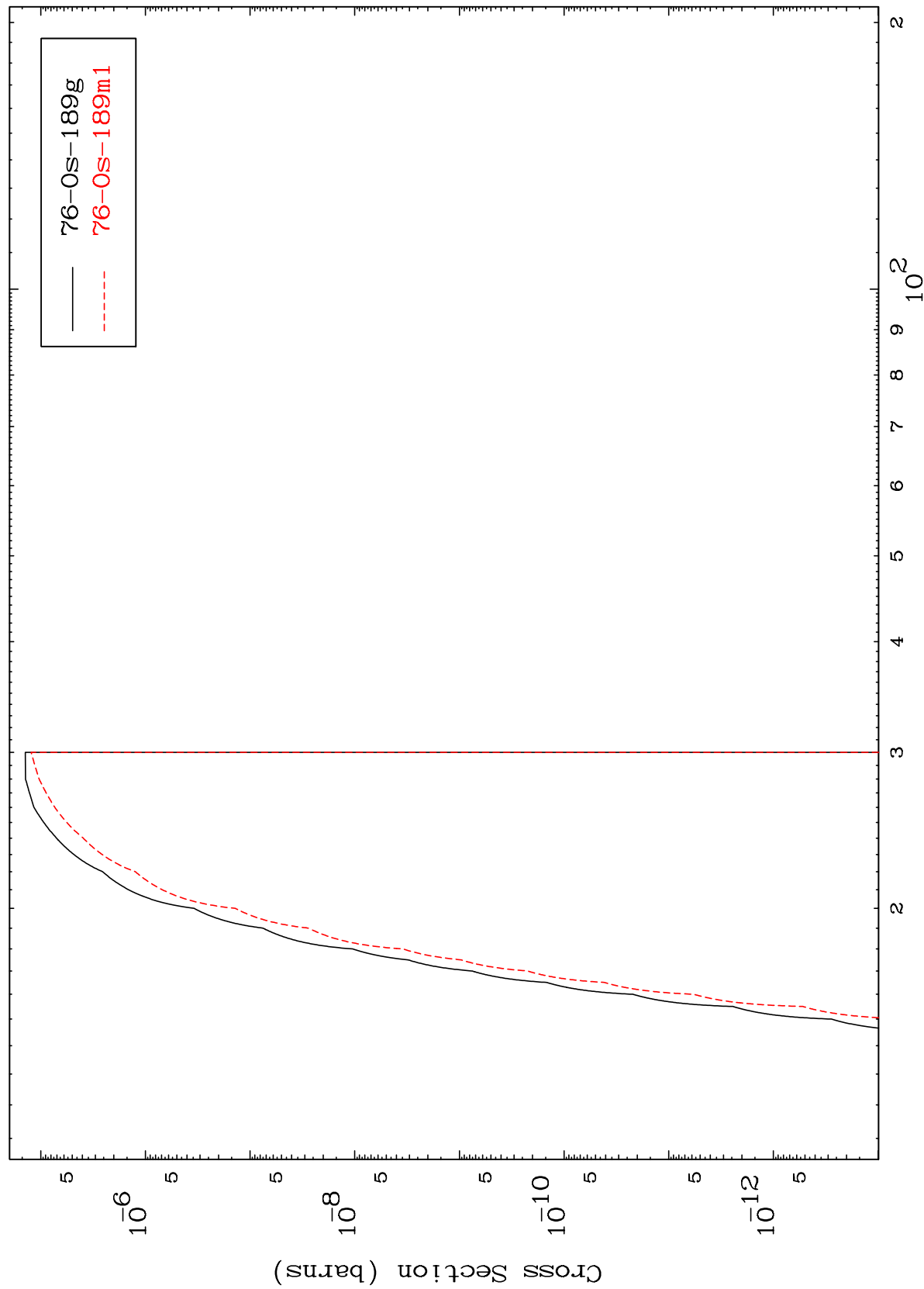
Incident Energy (MeV)

77-Ir-191

MAT 7725

77-Ir-191

(n,d)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

77-Ir-191