

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

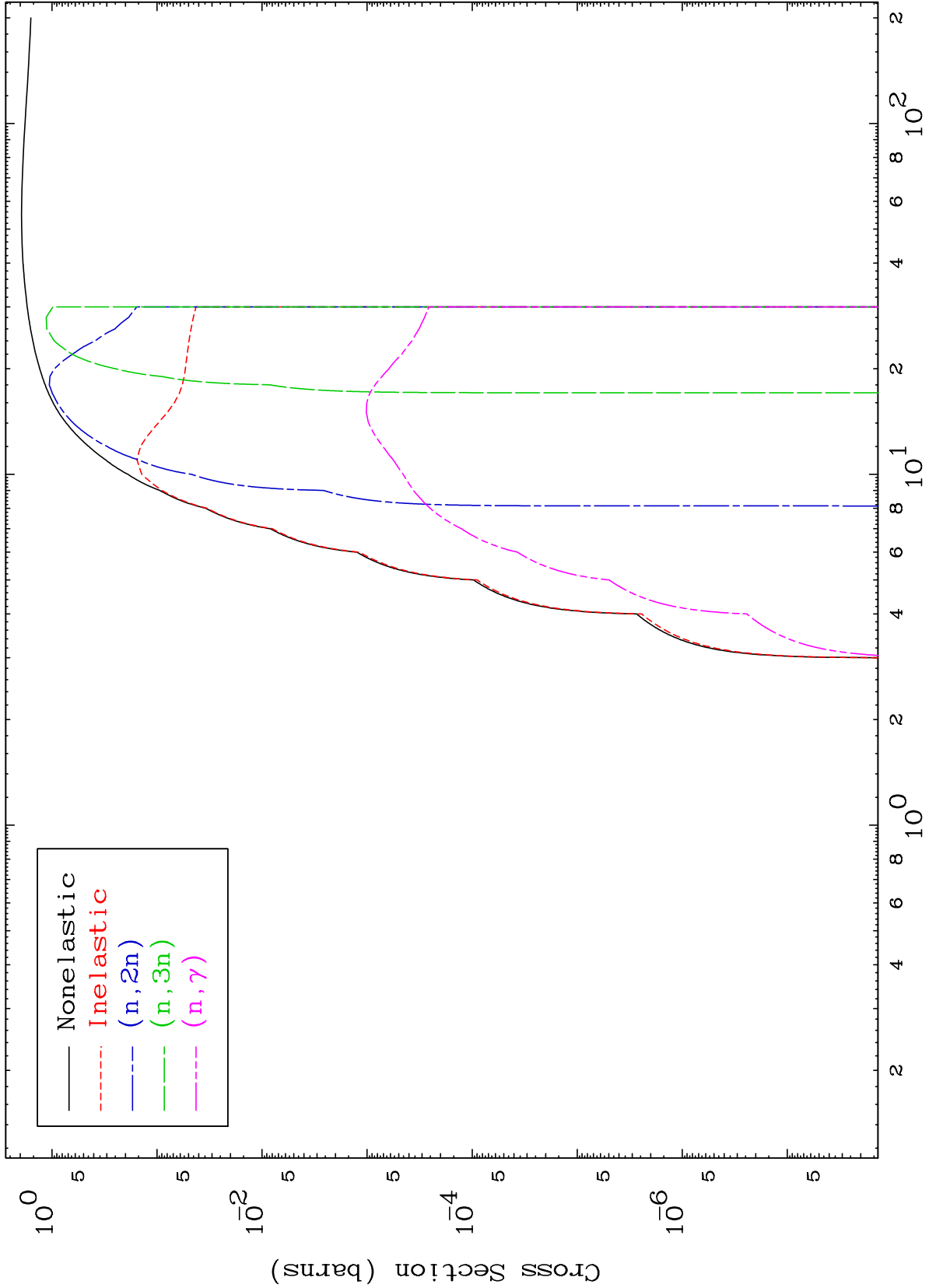
Press Mouse Button to Start

MAT 7726

Proton Major

77-Ir-191m

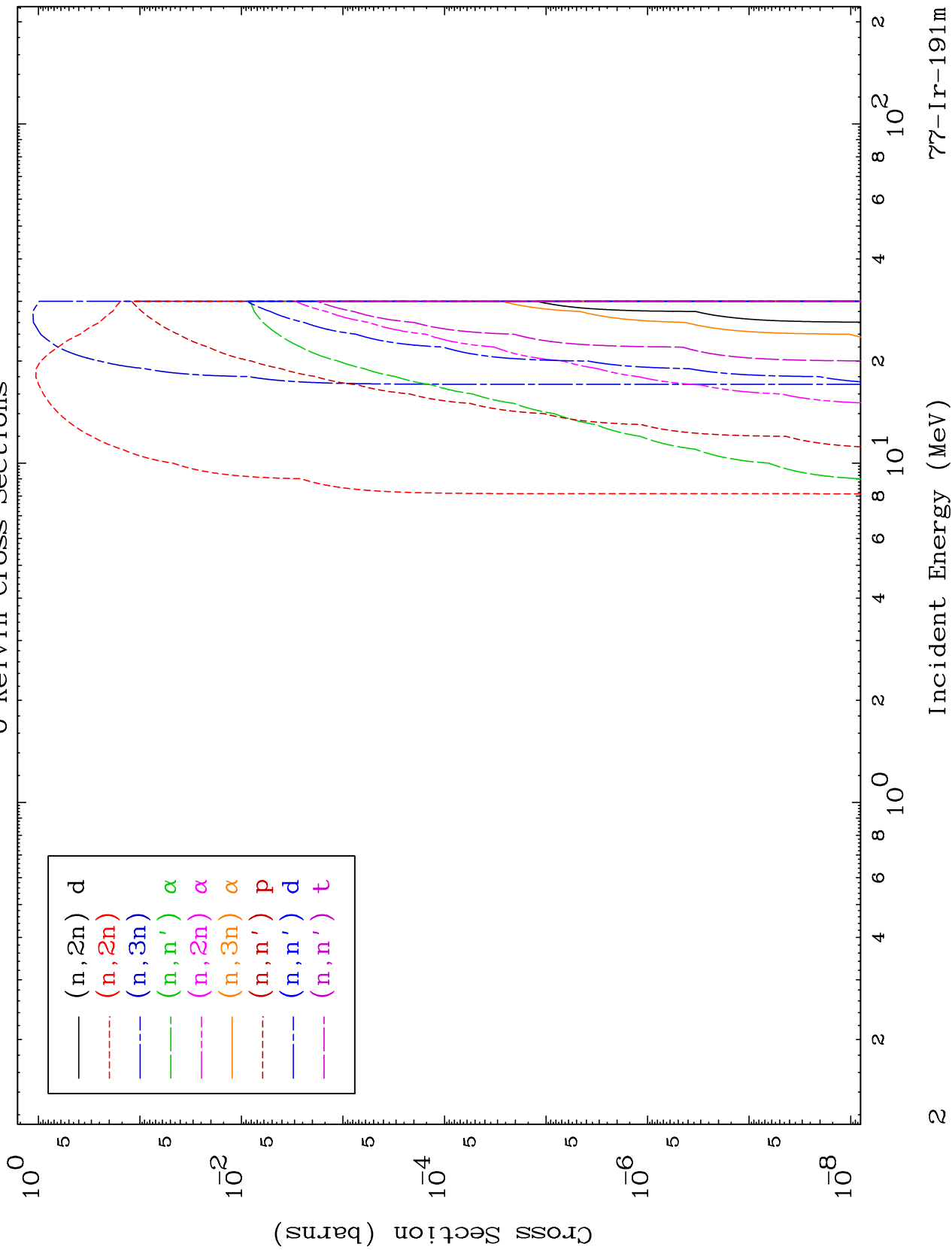
0 Kelvin Cross Sections

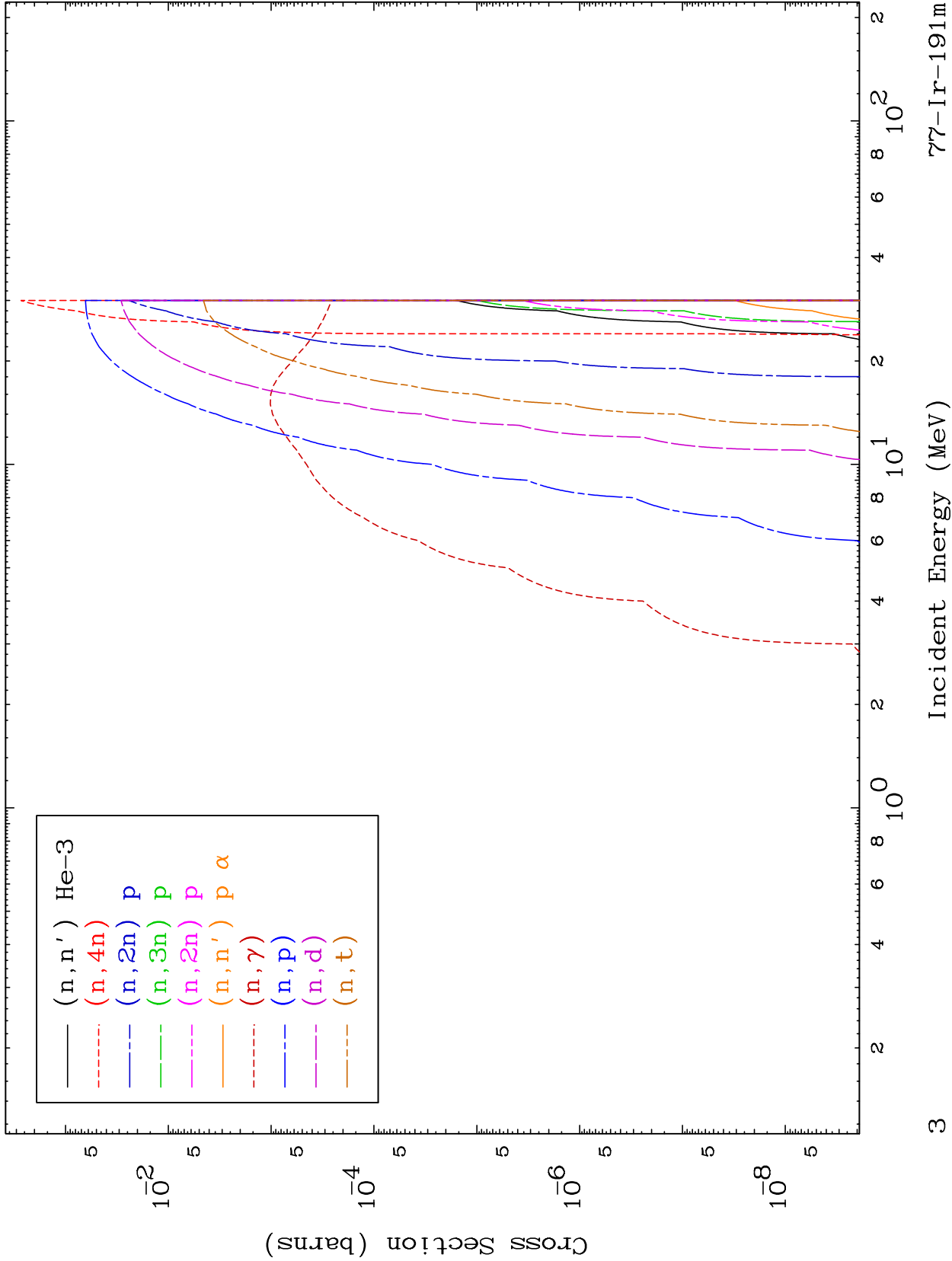


MAT 7726

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191m

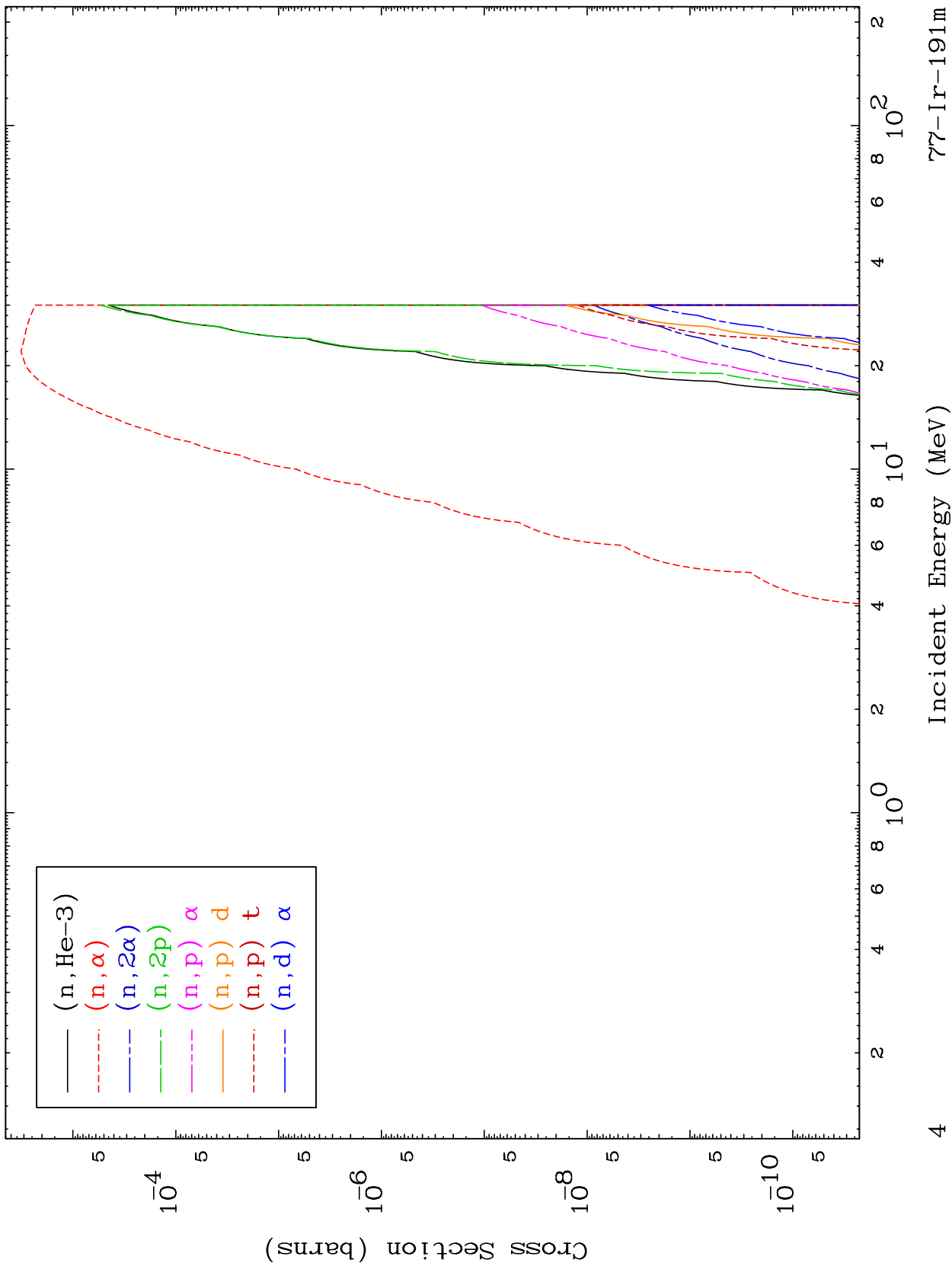


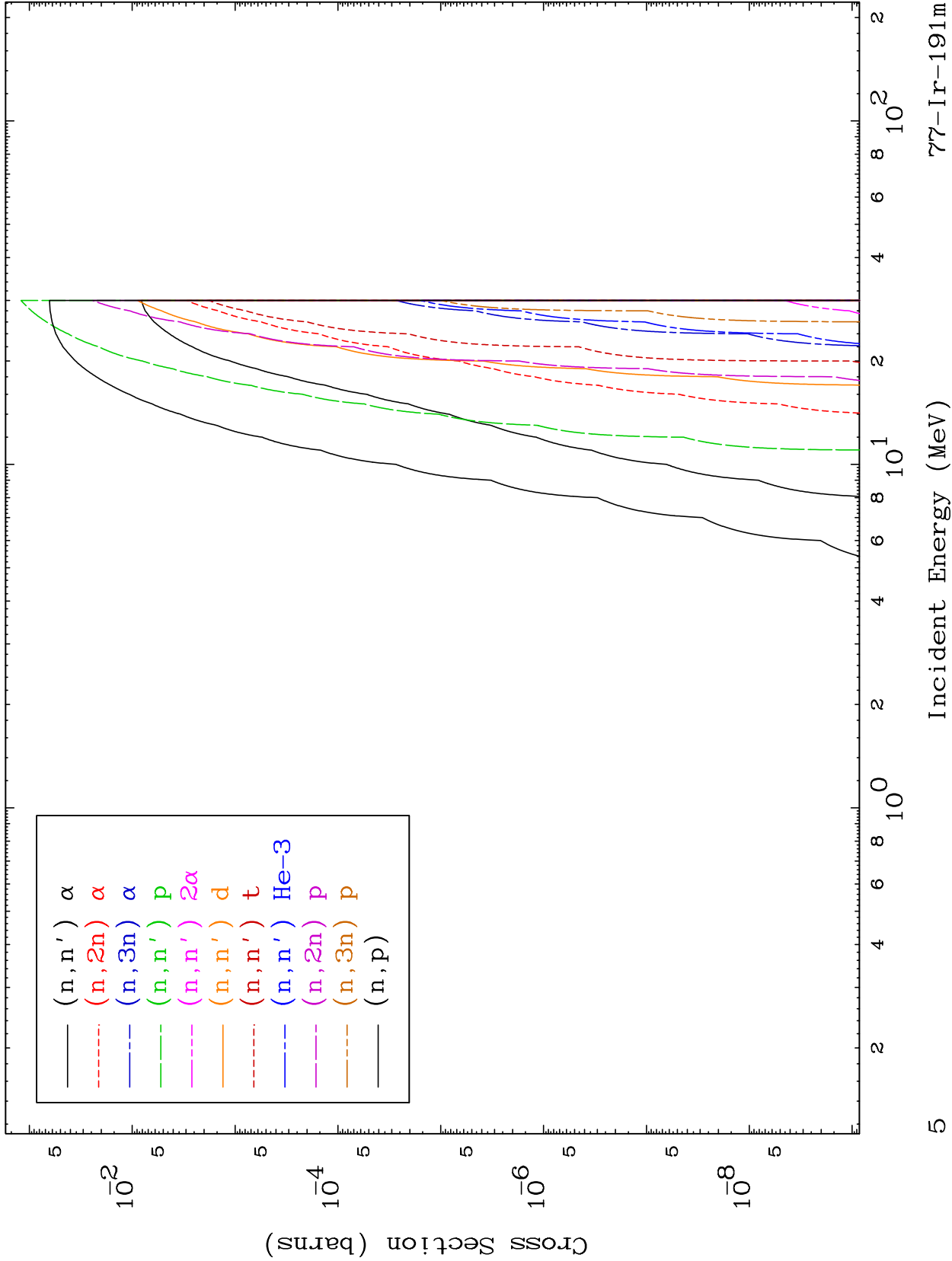


MAT 7726

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-191m

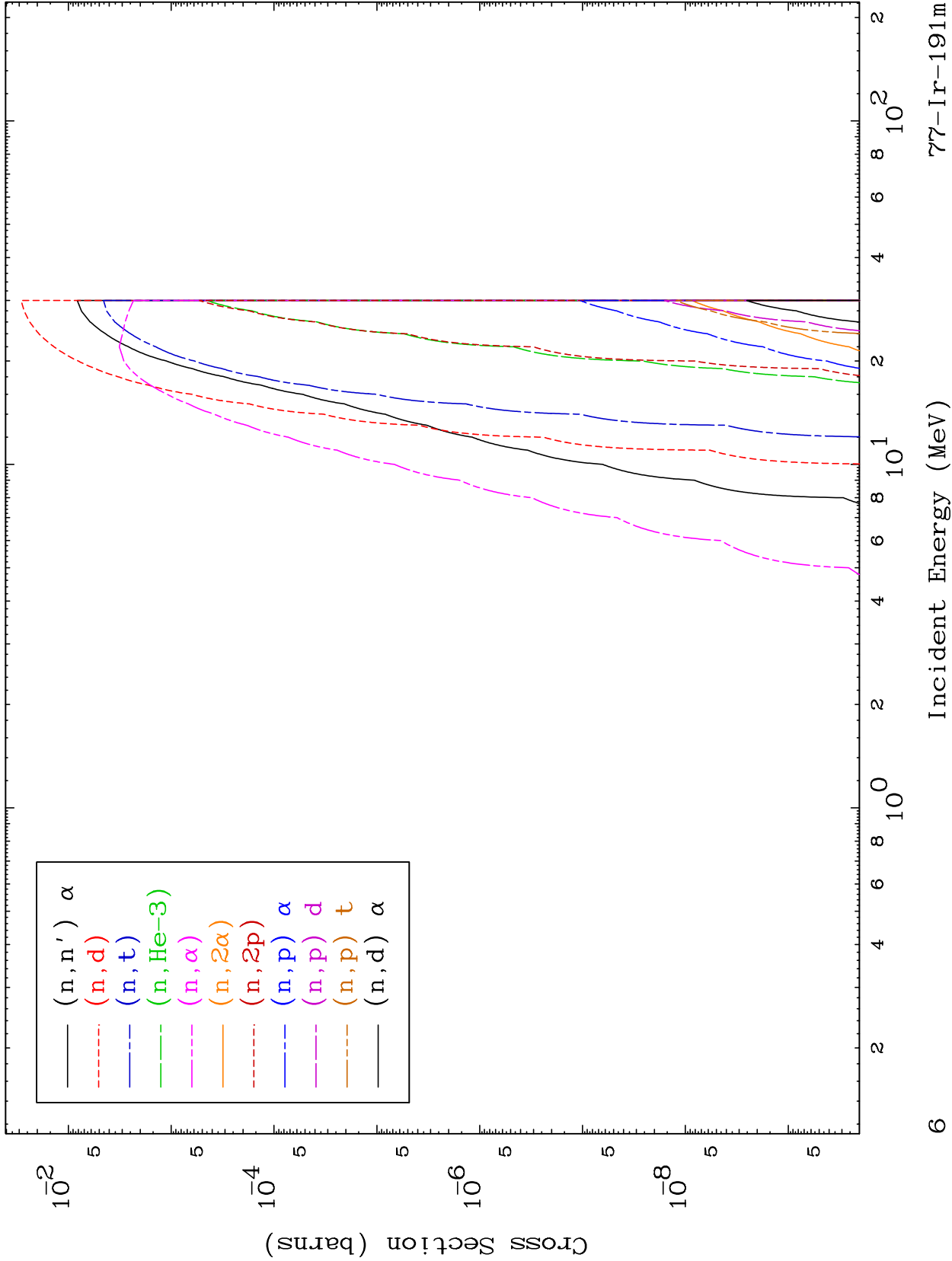




MAT 7726

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-191m

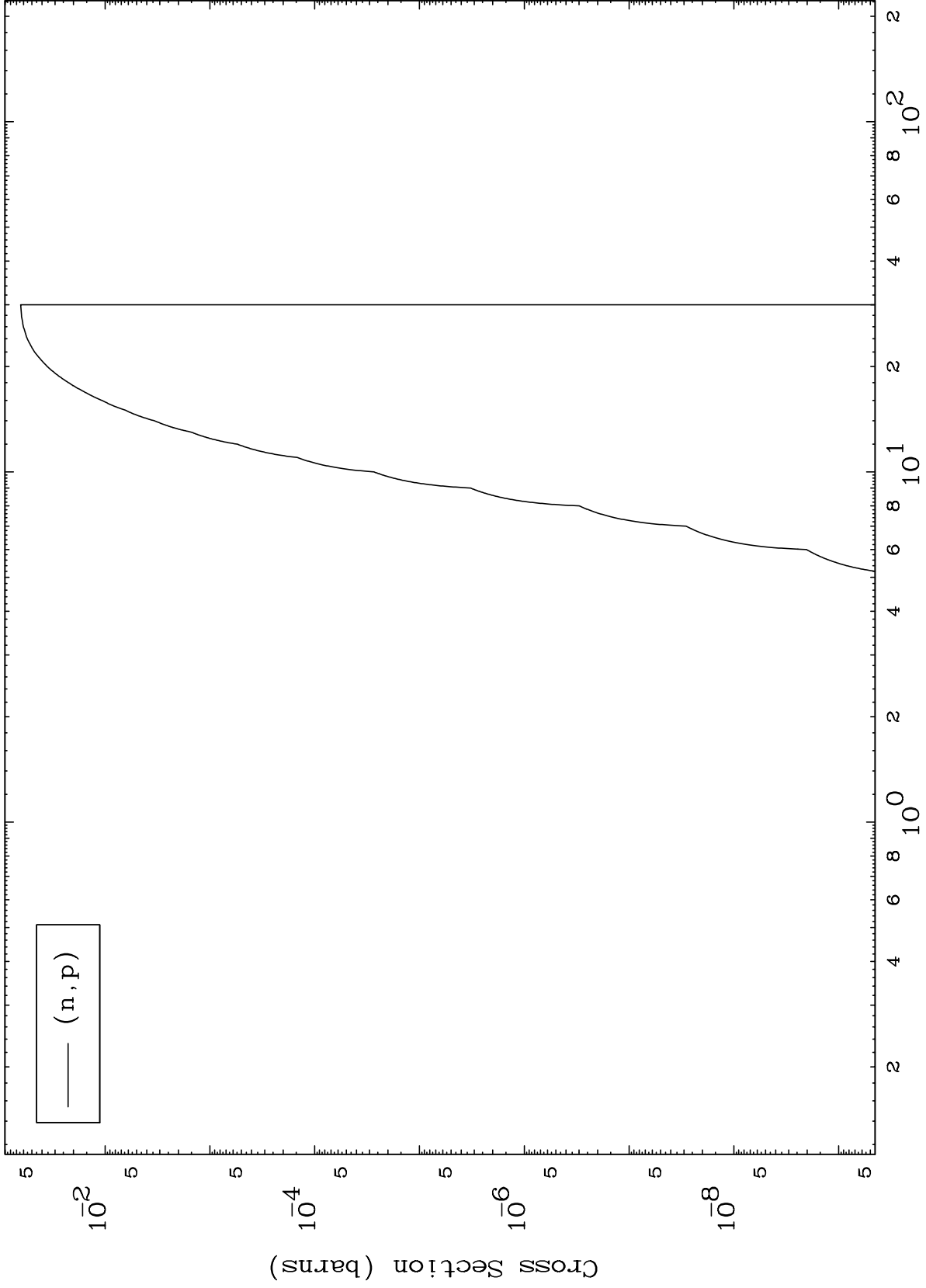


MAT 7726

(p,p) Levels

77-Ir-191m

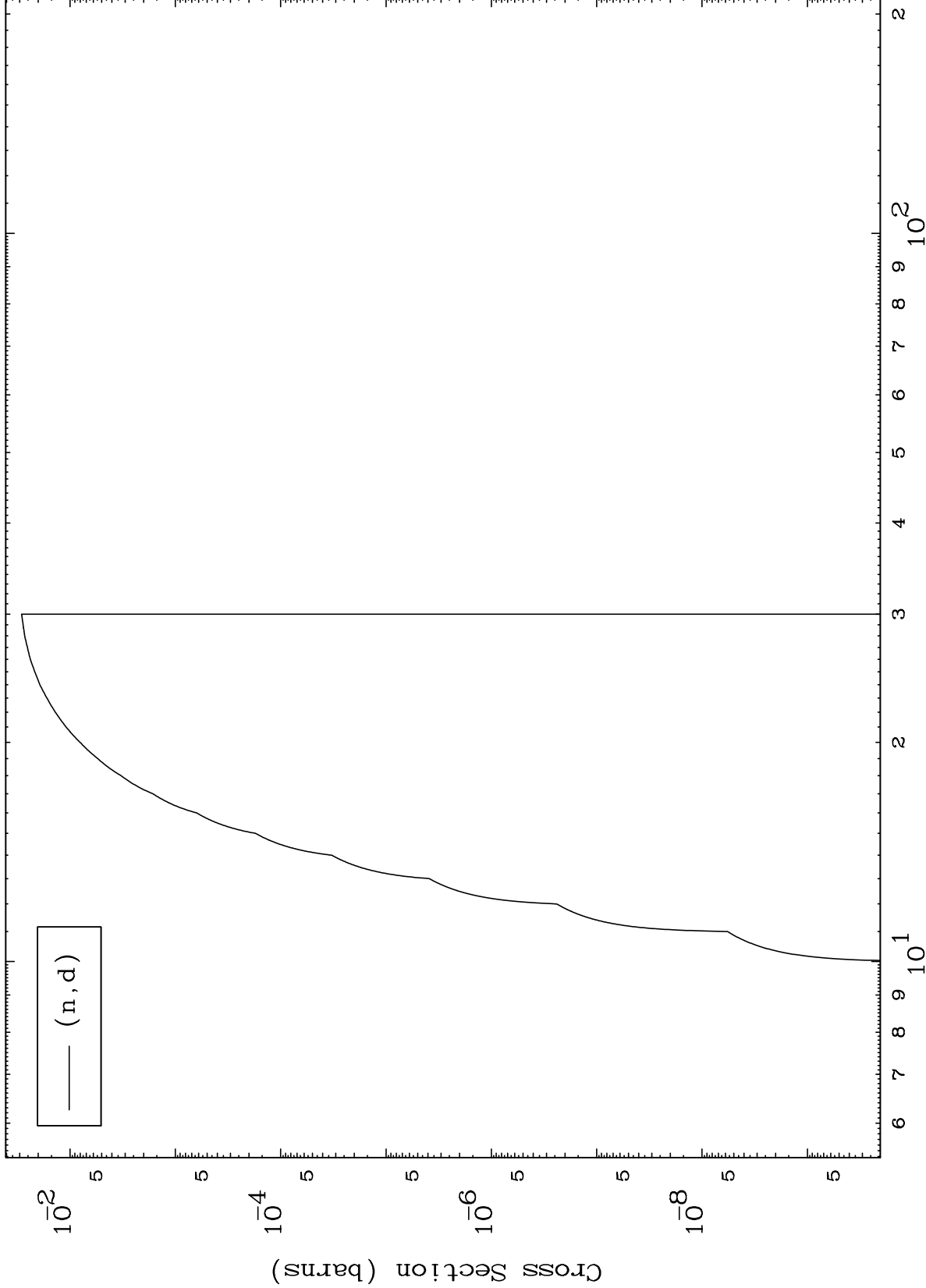
0 Kelvin Cross Sections



MAT 7726

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-191m



8

Incident Energy (MeV)

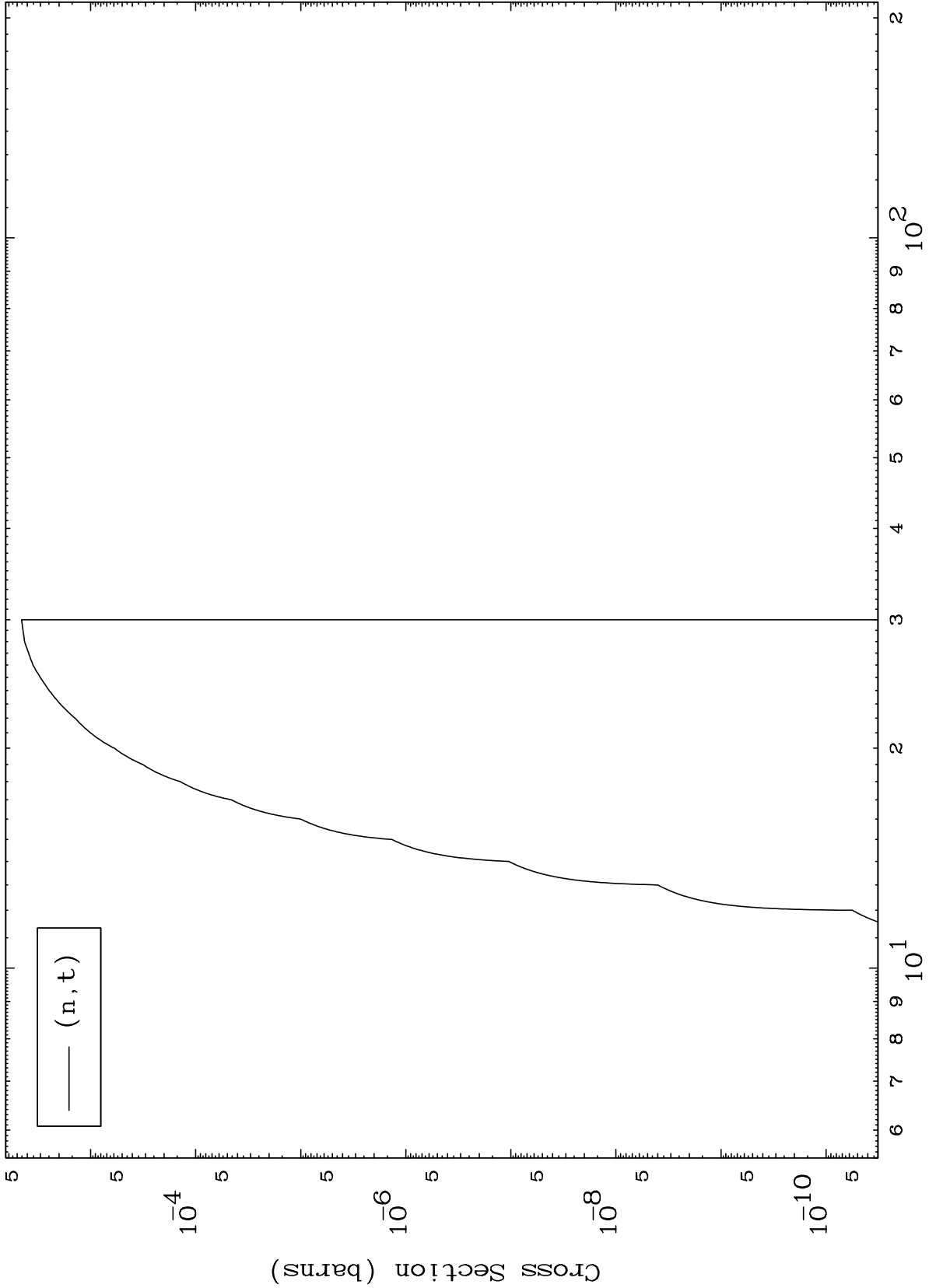
77-Ir-191m

MAT 7726

(p, t) Levels

⁷⁷Ir-191m

0 Kelvin Cross Sections



9

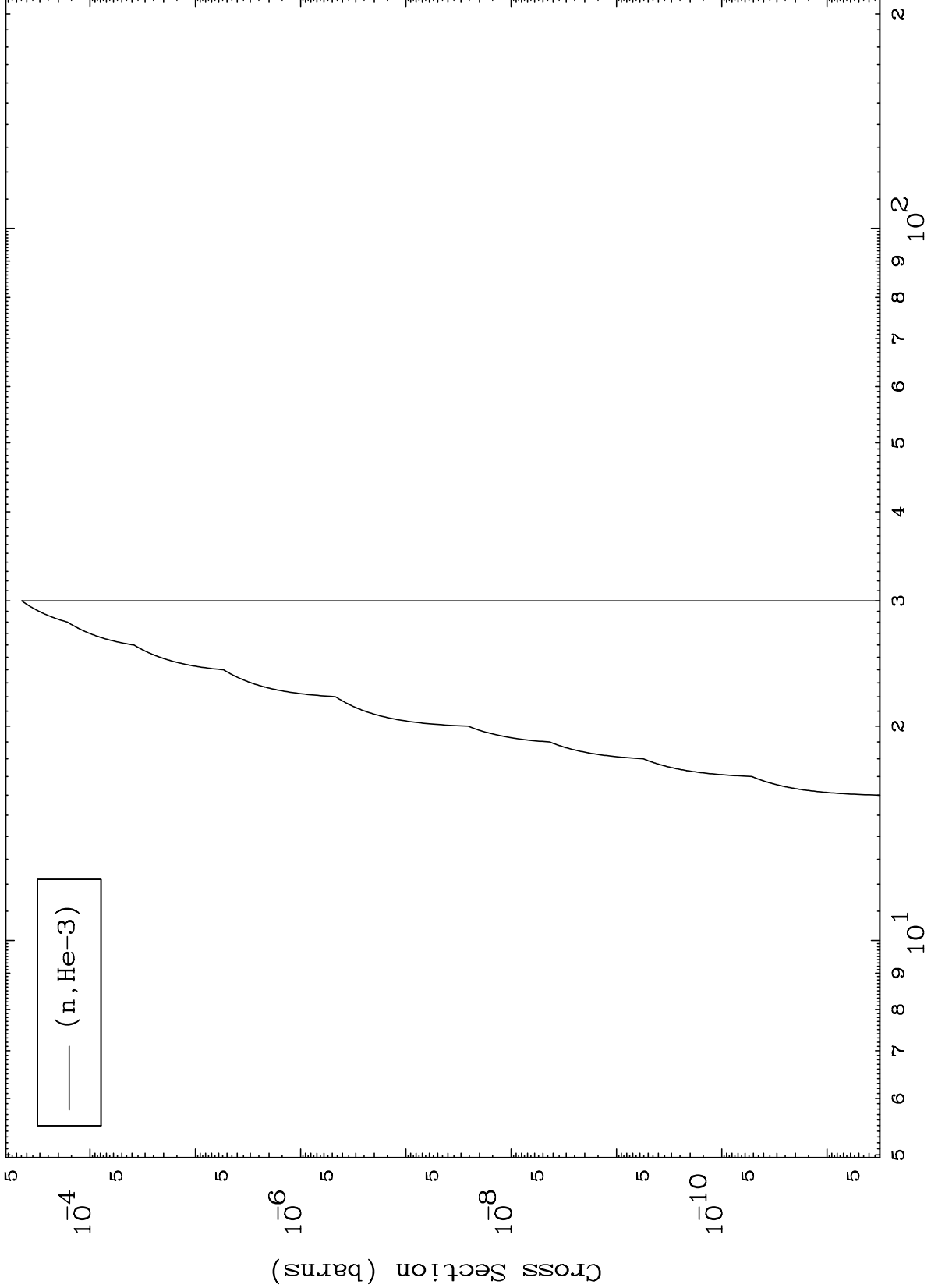
Incident Energy (MeV)

⁷⁷Ir-191m

MAT 7726

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-191m



10

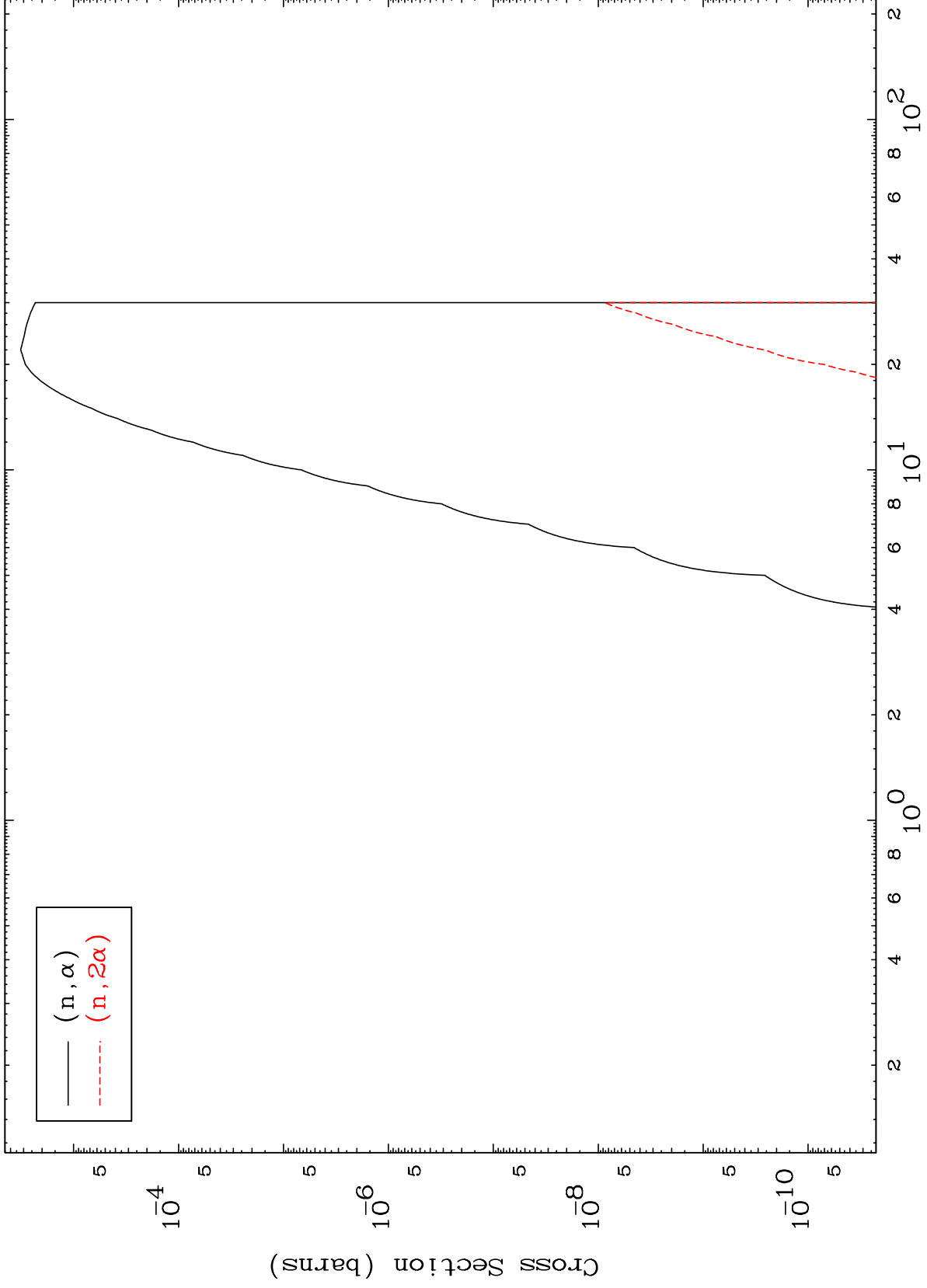
Incident Energy (MeV)

77-Ir-191m

MAT 7726

(p, α) Levels
0 Kelvin Cross Sections

77-Ir-191m

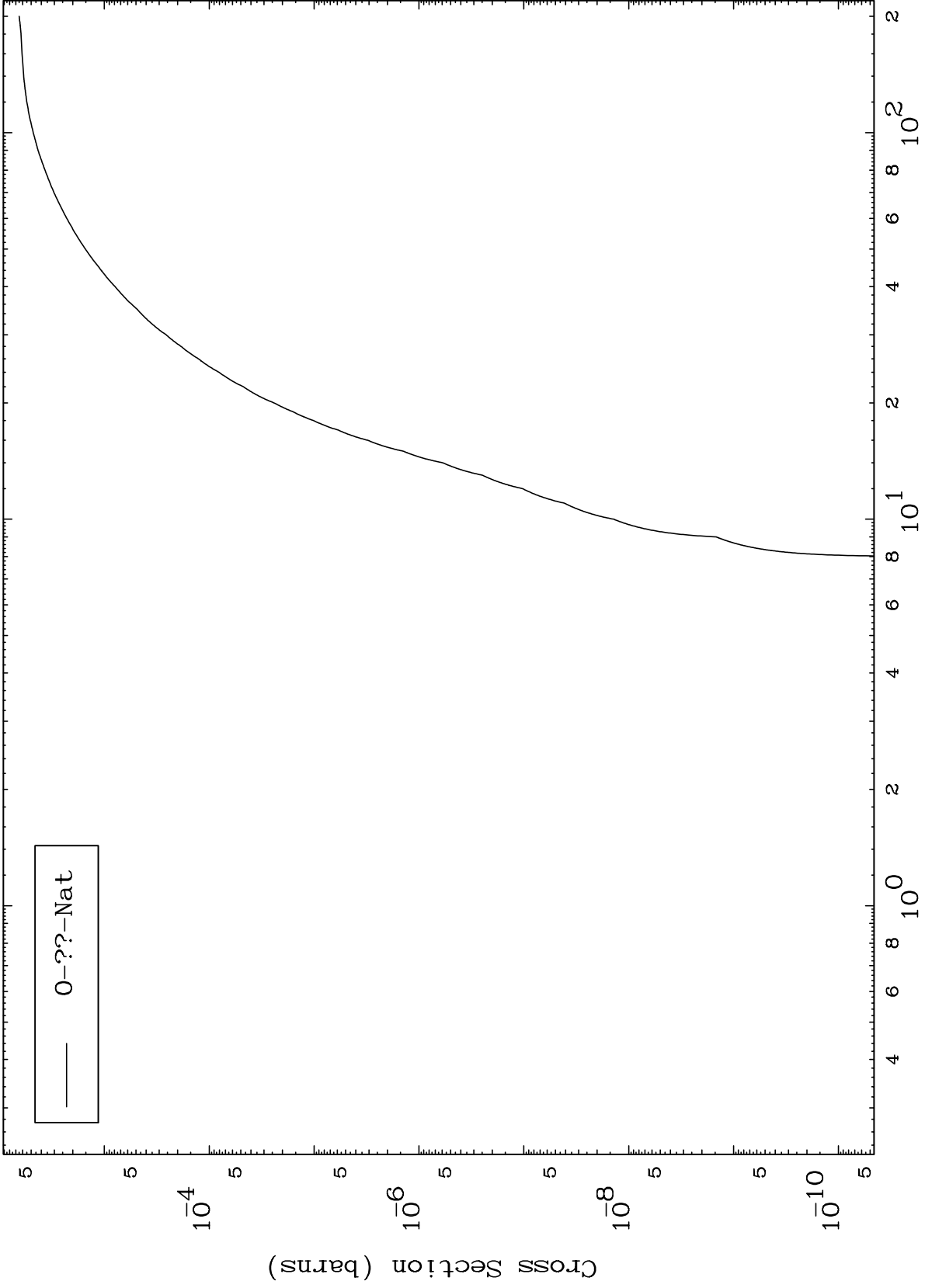


MAT 7726

Fission

⁷⁷Ir-191m

Radionuclide Production Cross Section



12

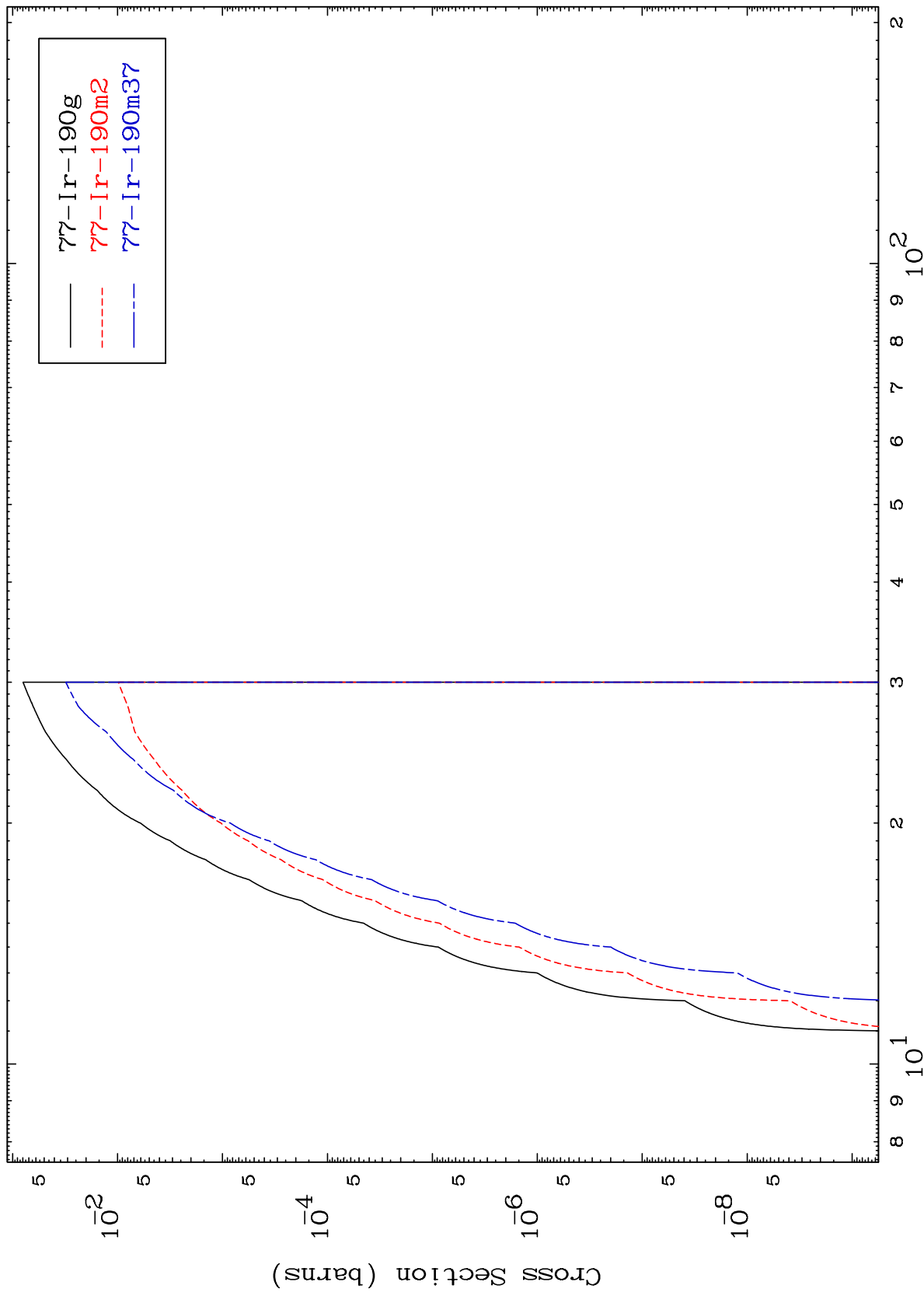
Incident Energy (MeV)

⁷⁷Ir-191m

MAT 7726

77-Ir-191m

(n,n') p
Radionuclide Production Cross Section



77-Ir-191m

Incident Energy (MeV)

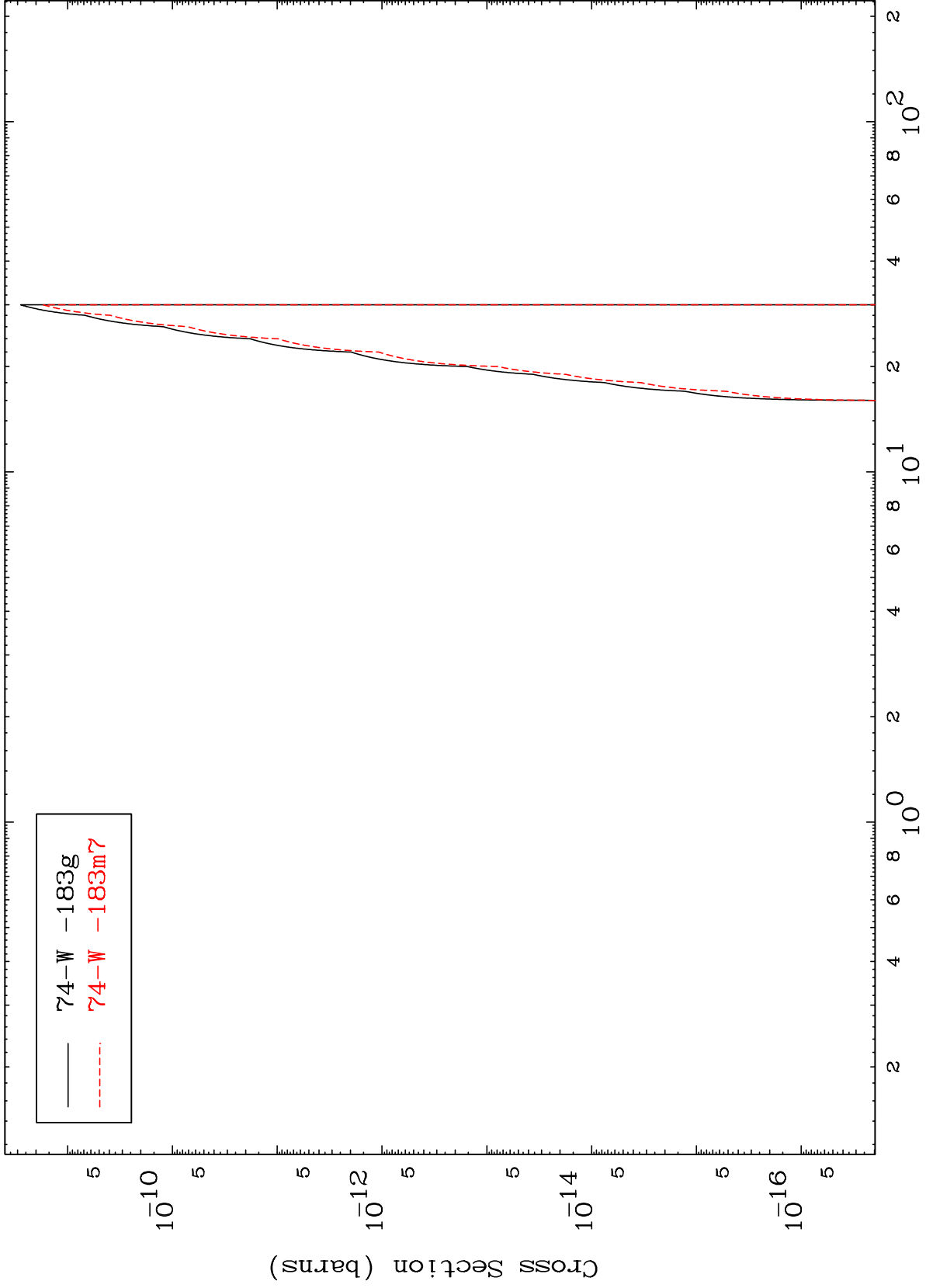
13

MAT 7726

(n,n') 2 α

77-Ir-191m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

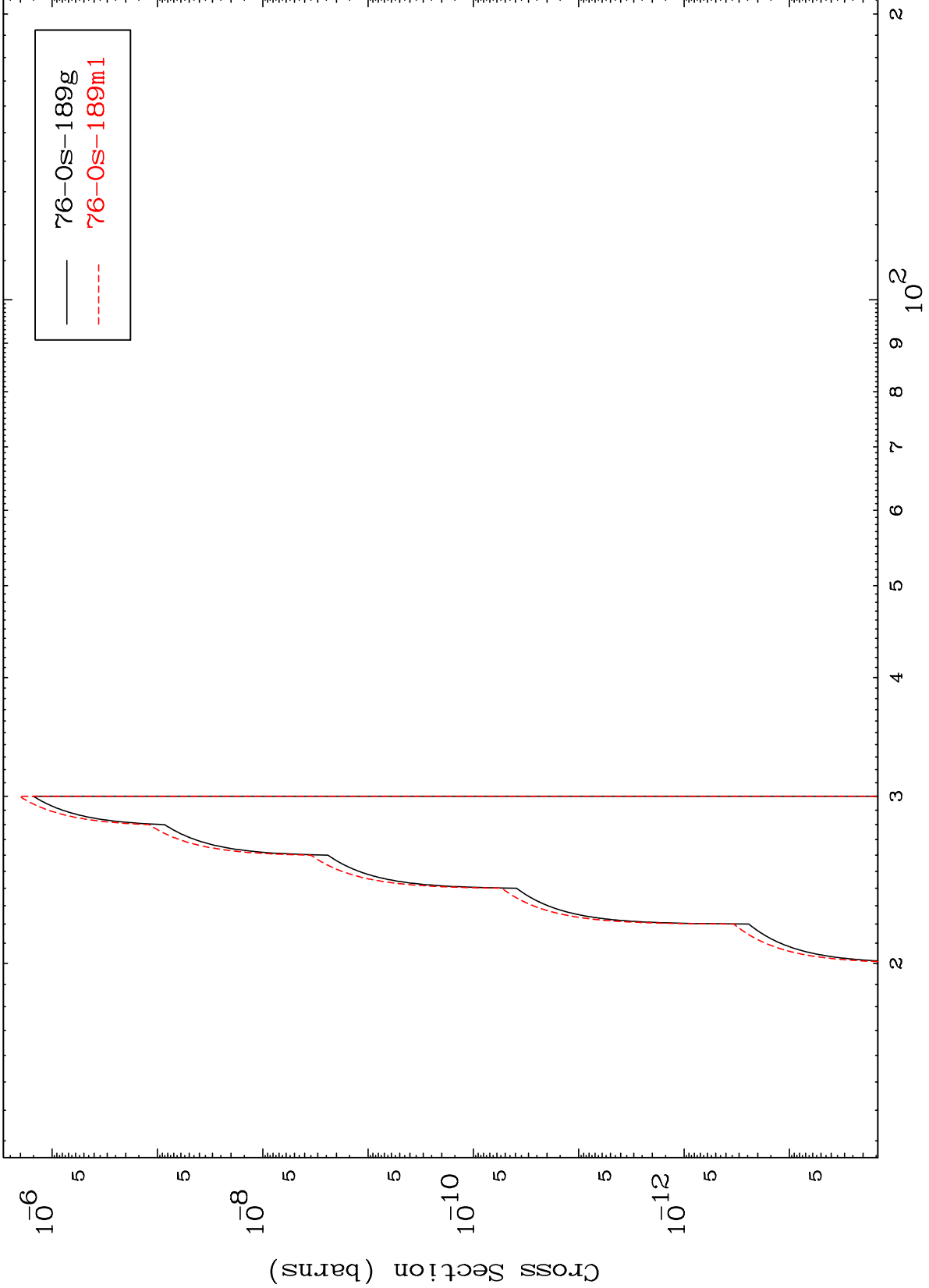
77-Ir-191m

MAT 7726

(n,2n) p

77-Ir-191m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

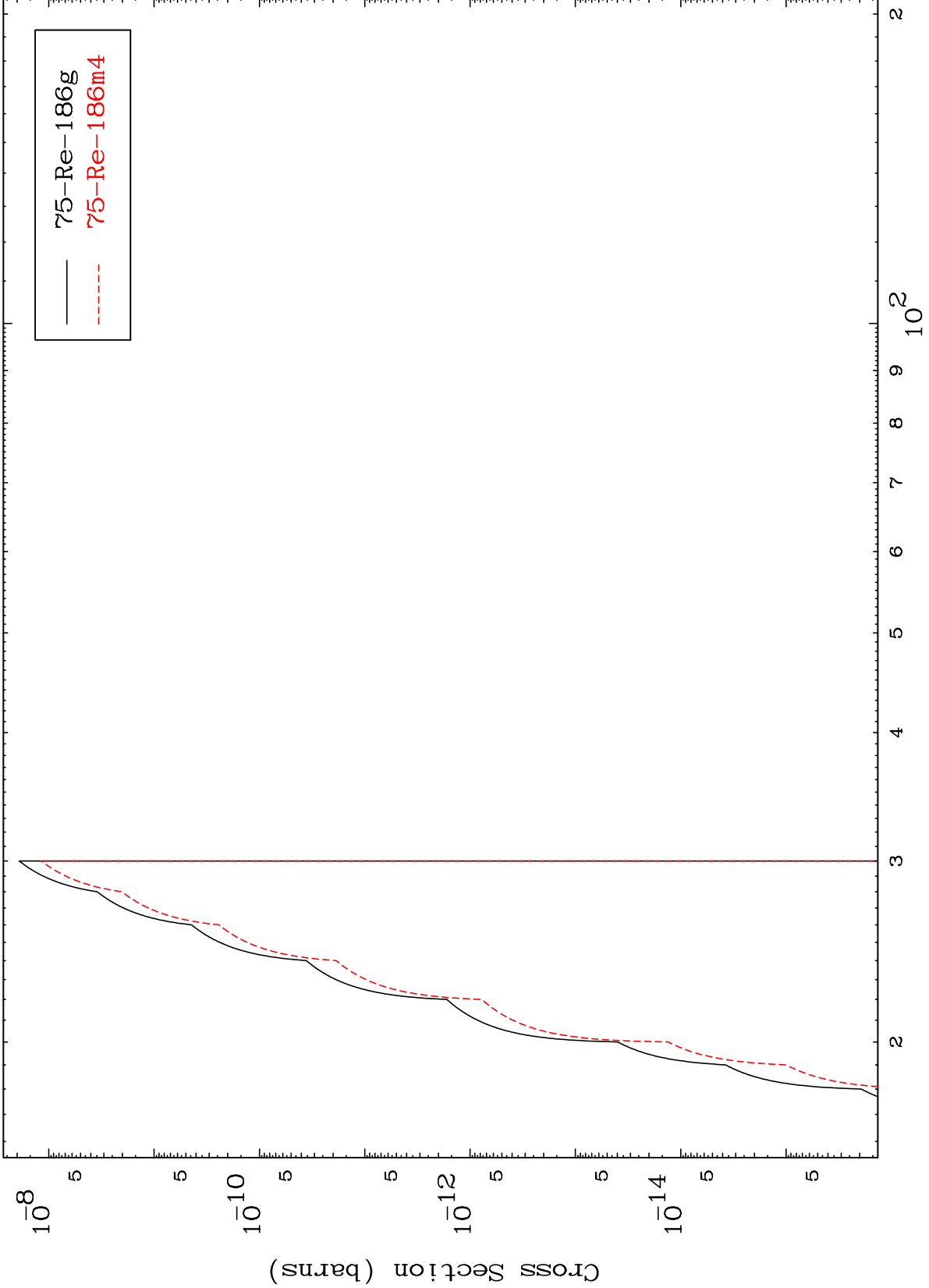
77-Ir-191m

MAT 7726

(n,n') p α

77-Ir-191m

Radionuclide Production Cross Section



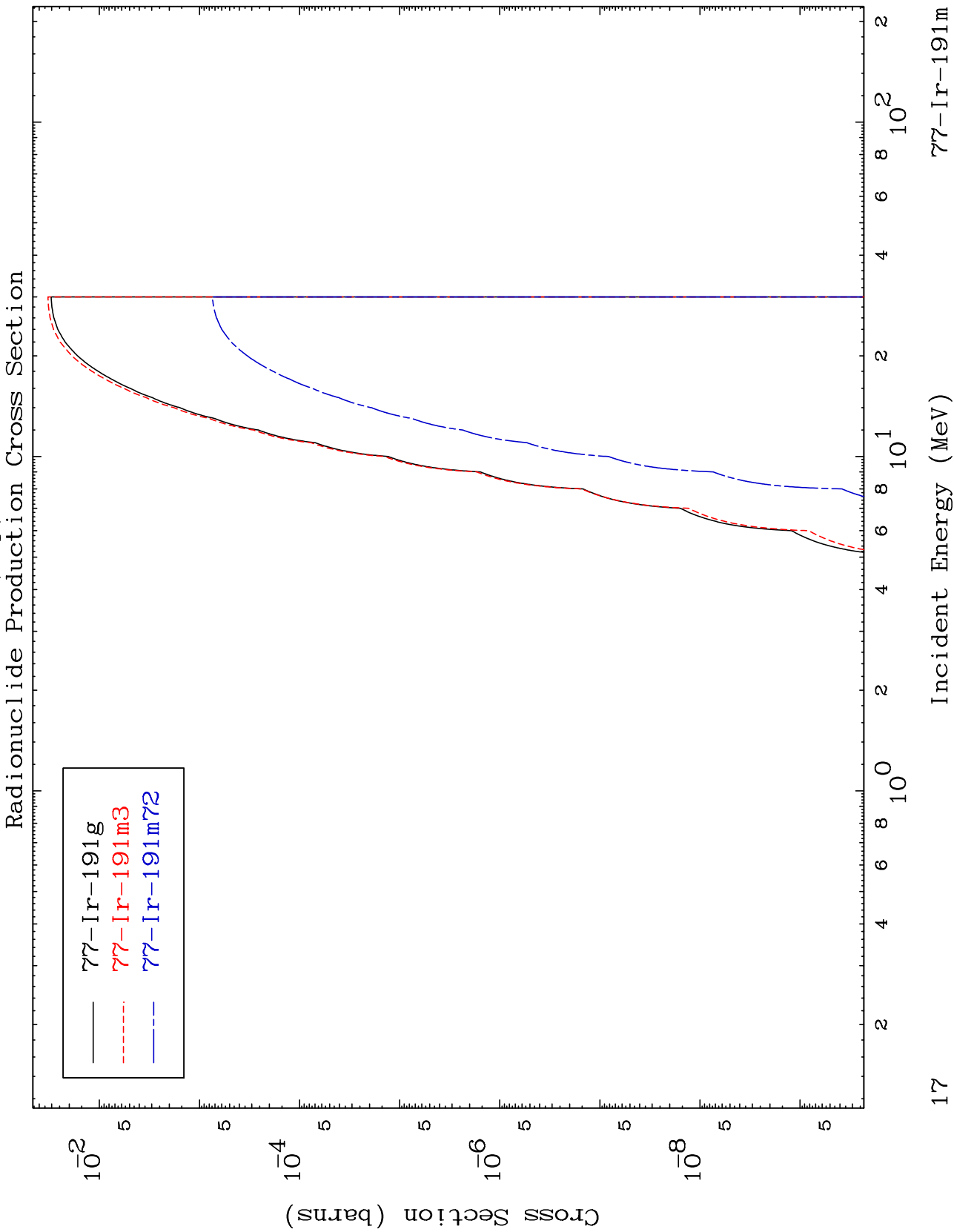
16

Incident Energy (MeV)

77-Ir-191m

MAT 7726

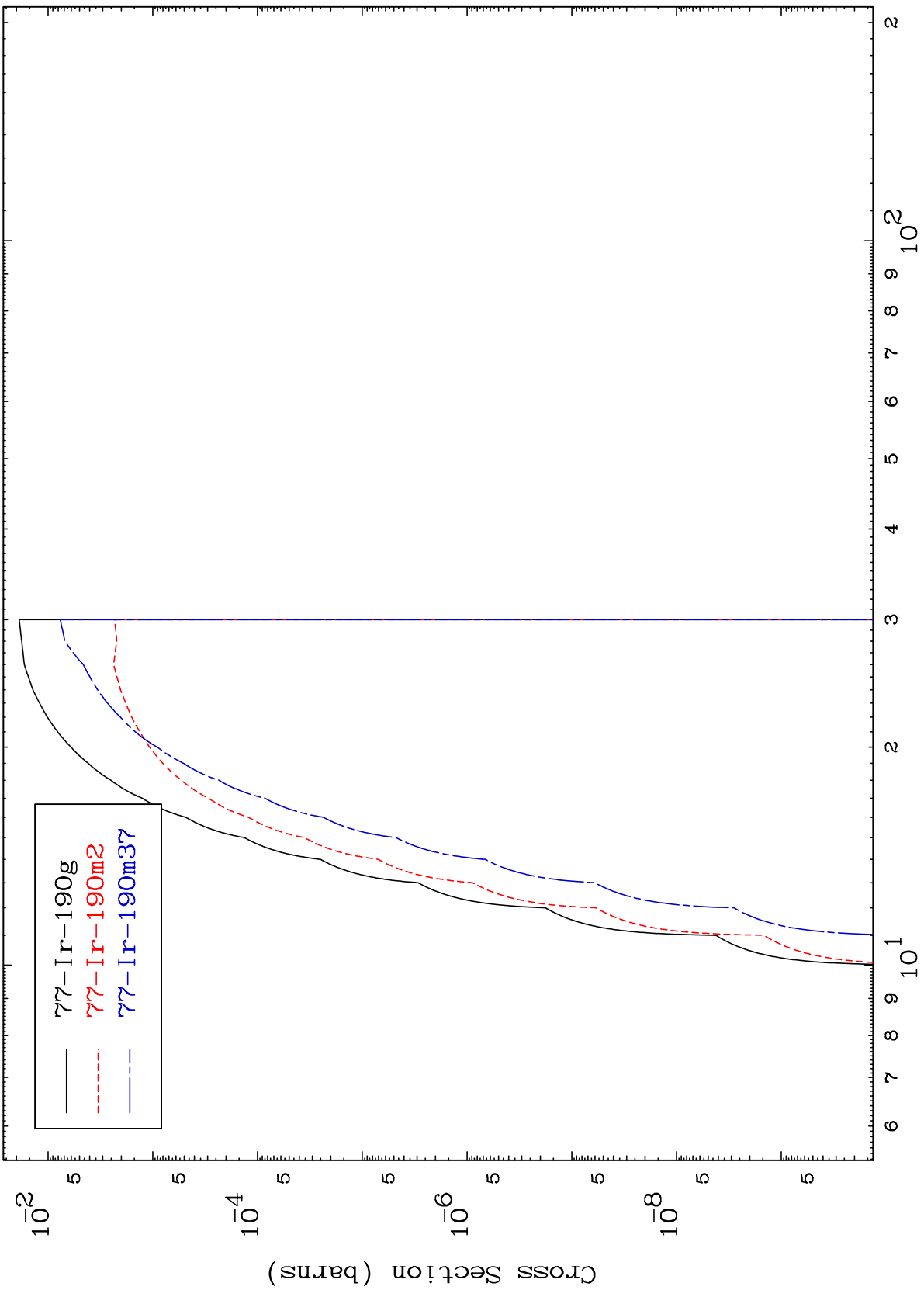
⁷⁷Ir-191m



MAT 7726

⁷⁷Ir-191m

(n,d)
Radionuclide Production Cross Section



Legend:
— ⁷⁷Ir-190g
- - ⁷⁷Ir-190m2
- - ⁷⁷Ir-190m37

18

Incident Energy (MeV)

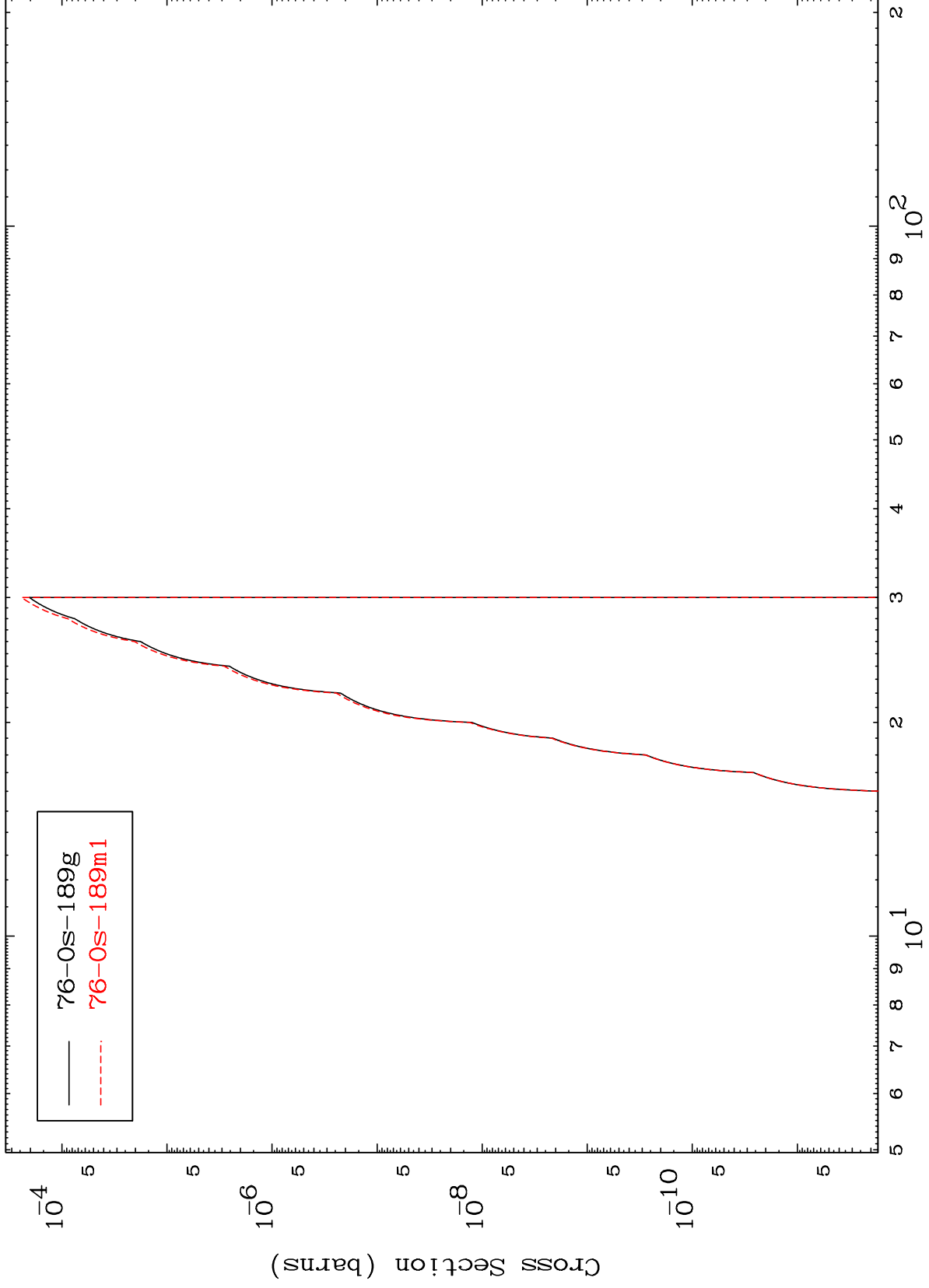
⁷⁷Ir-191m

MAT 7726

(n,He-3)

77-Ir-191m

Radionuclide Production Cross Section



19

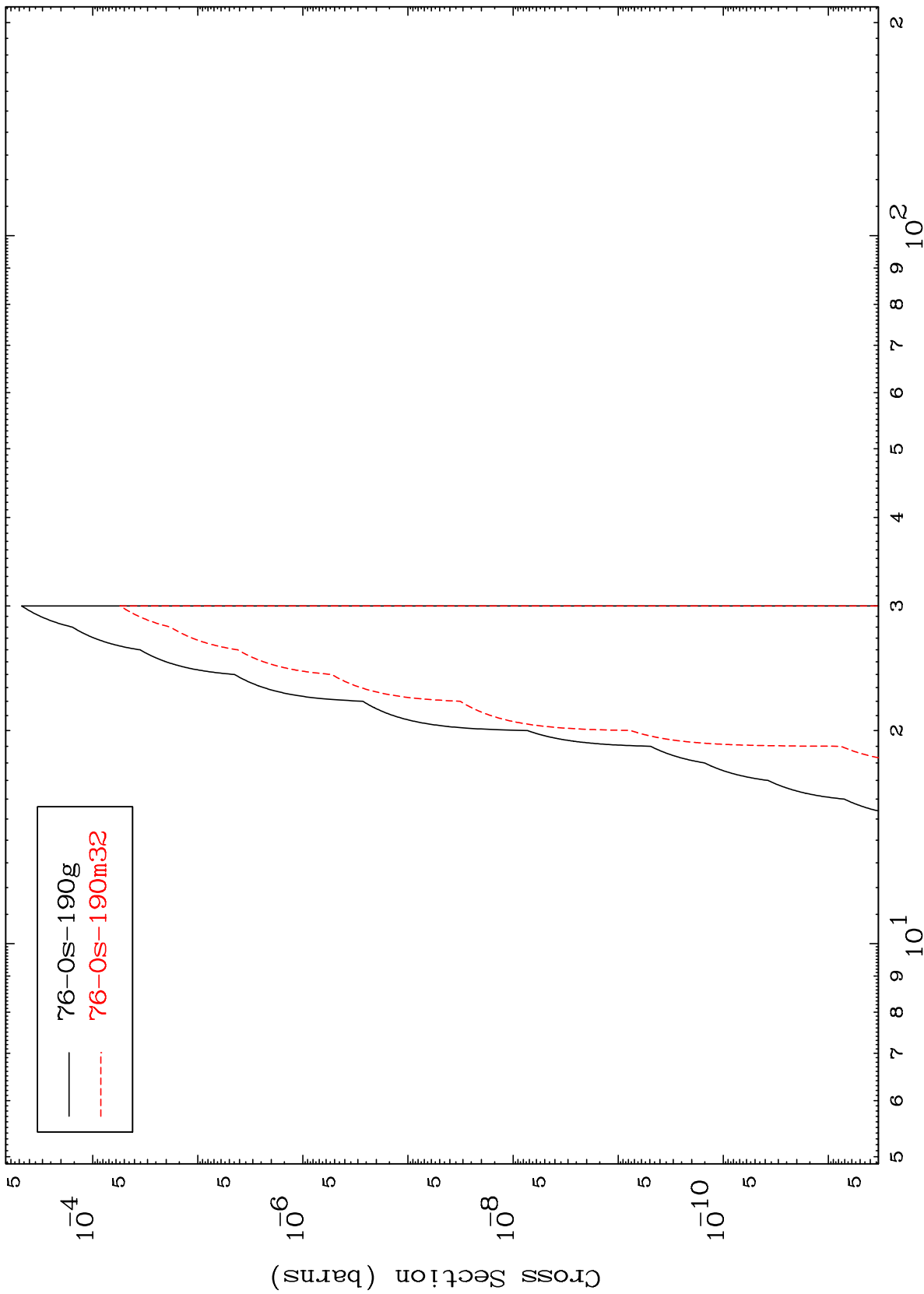
Incident Energy (MeV)

77-Ir-191m

MAT 7726

77-Ir-191m

Radionuclide Production Cross Section

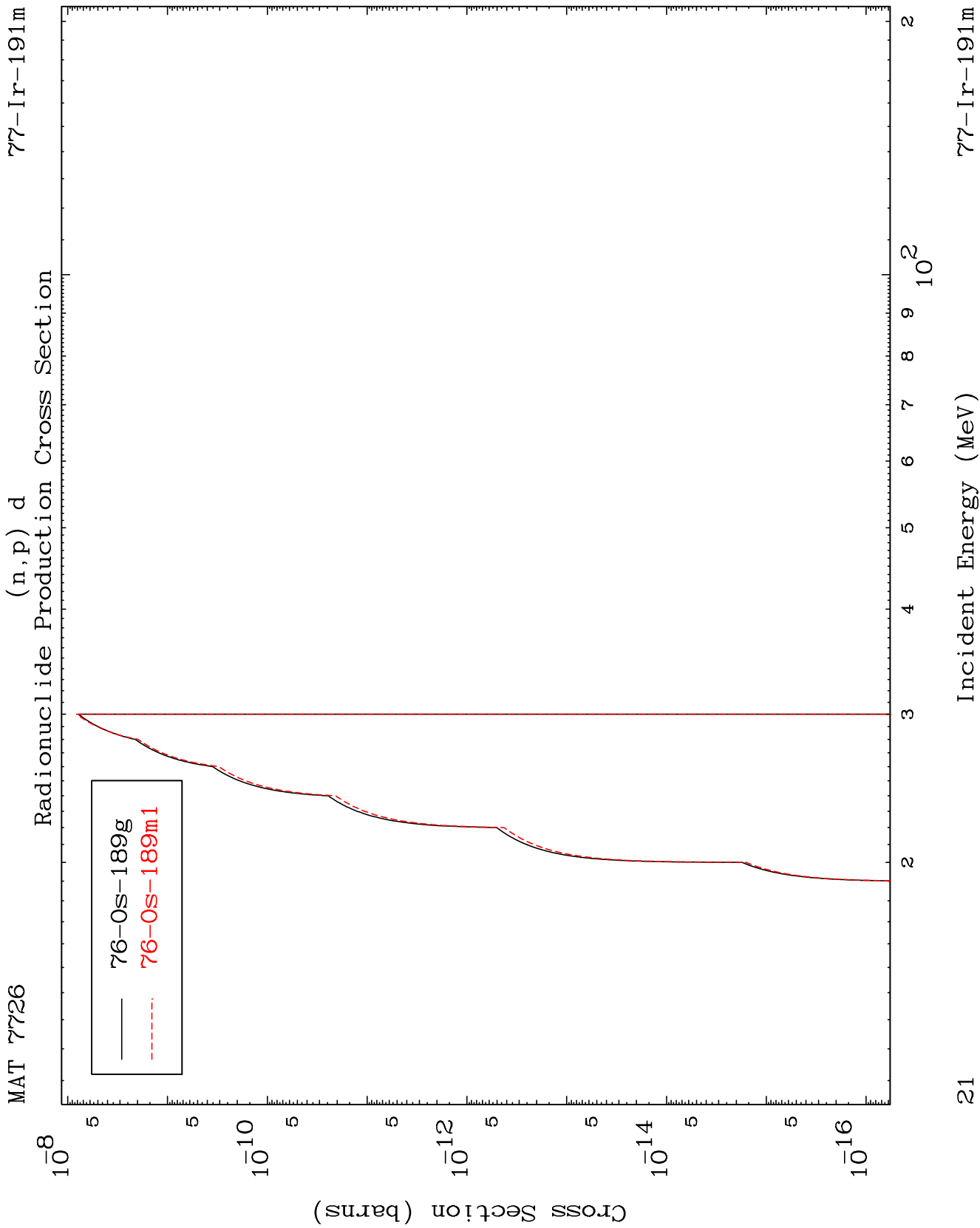


— 76-Os-190g
- - - 76-Os-190m32

77-Ir-191m

Incident Energy (MeV)

20

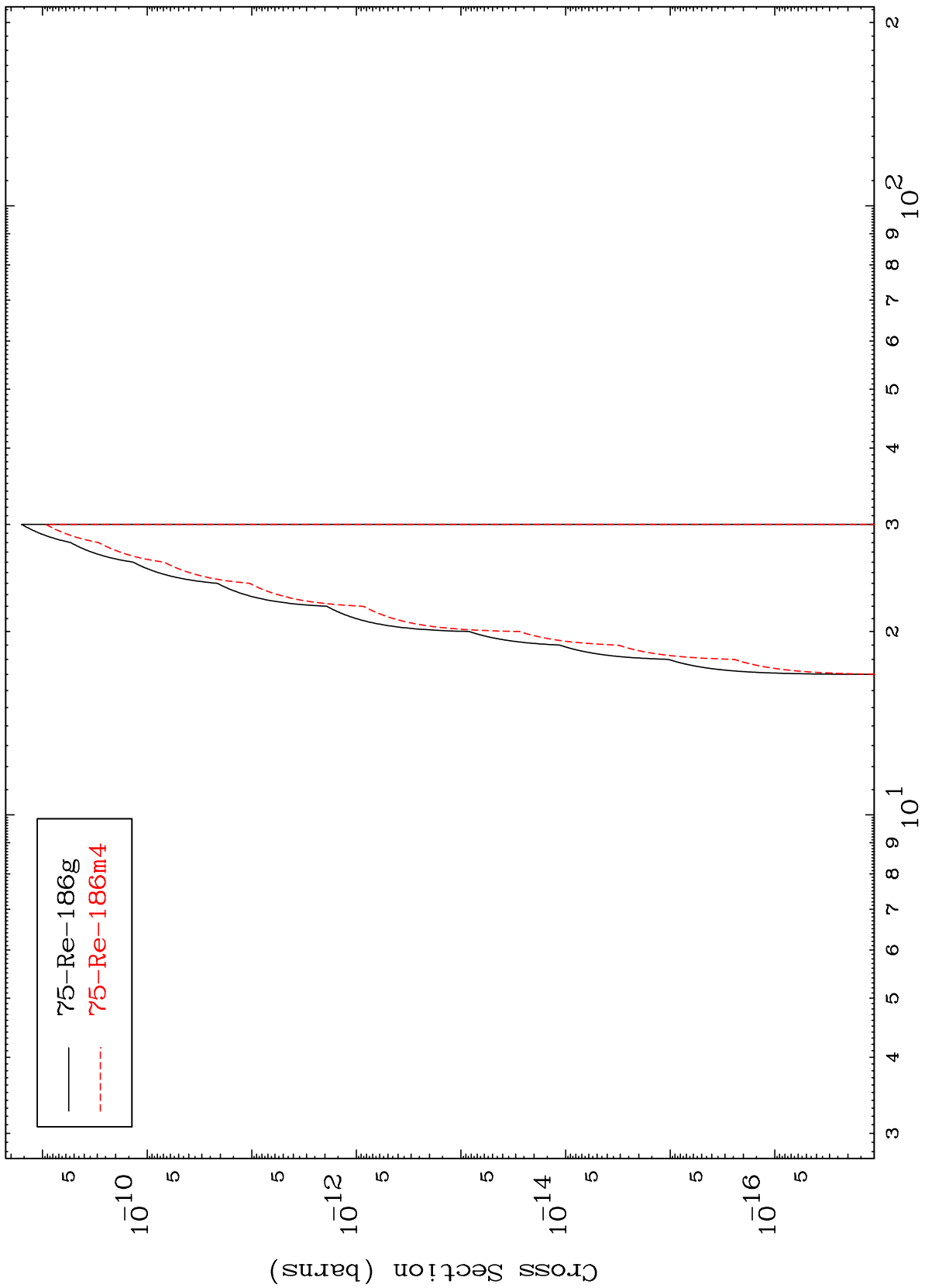


MAT 7726

(n,d) α

77-Ir-191m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

77-Ir-191m