

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

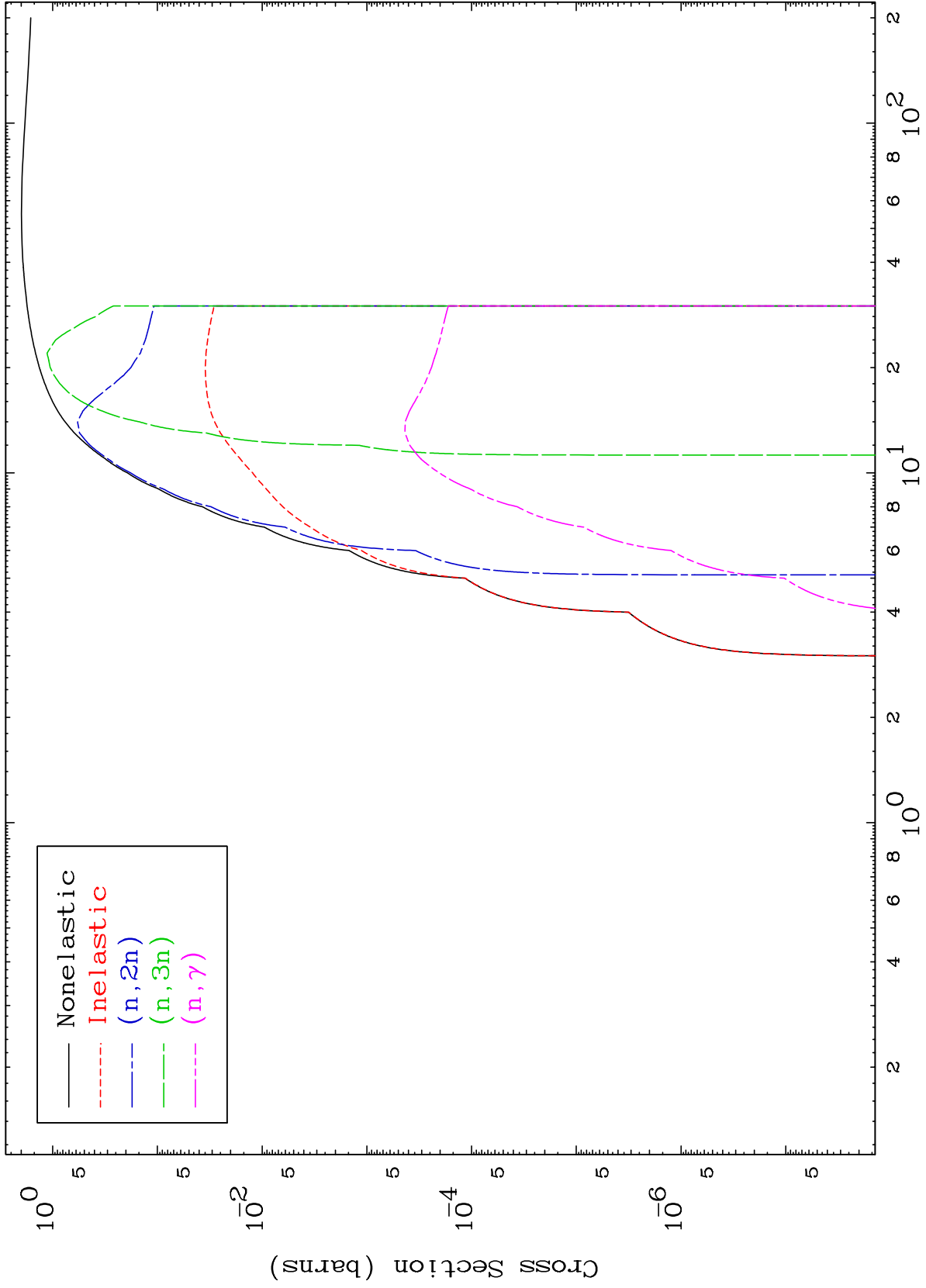
Press Mouse Button to Start

MAT 7741

Proton Major

77-Ir-196m

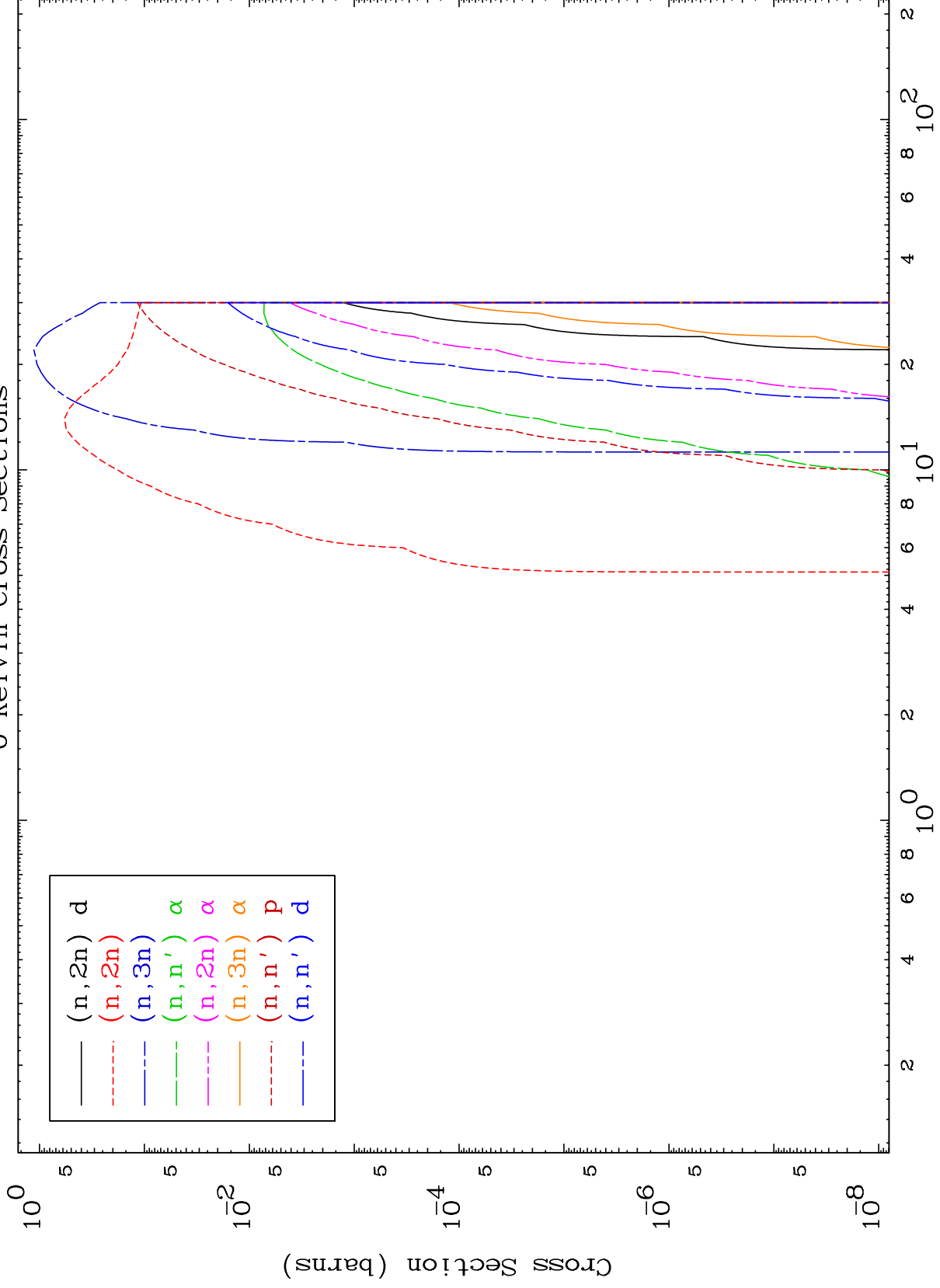
0 Kelvin Cross Sections



MAT 7741

Proton Neutron Absorption
0 Kelvin Cross Sections

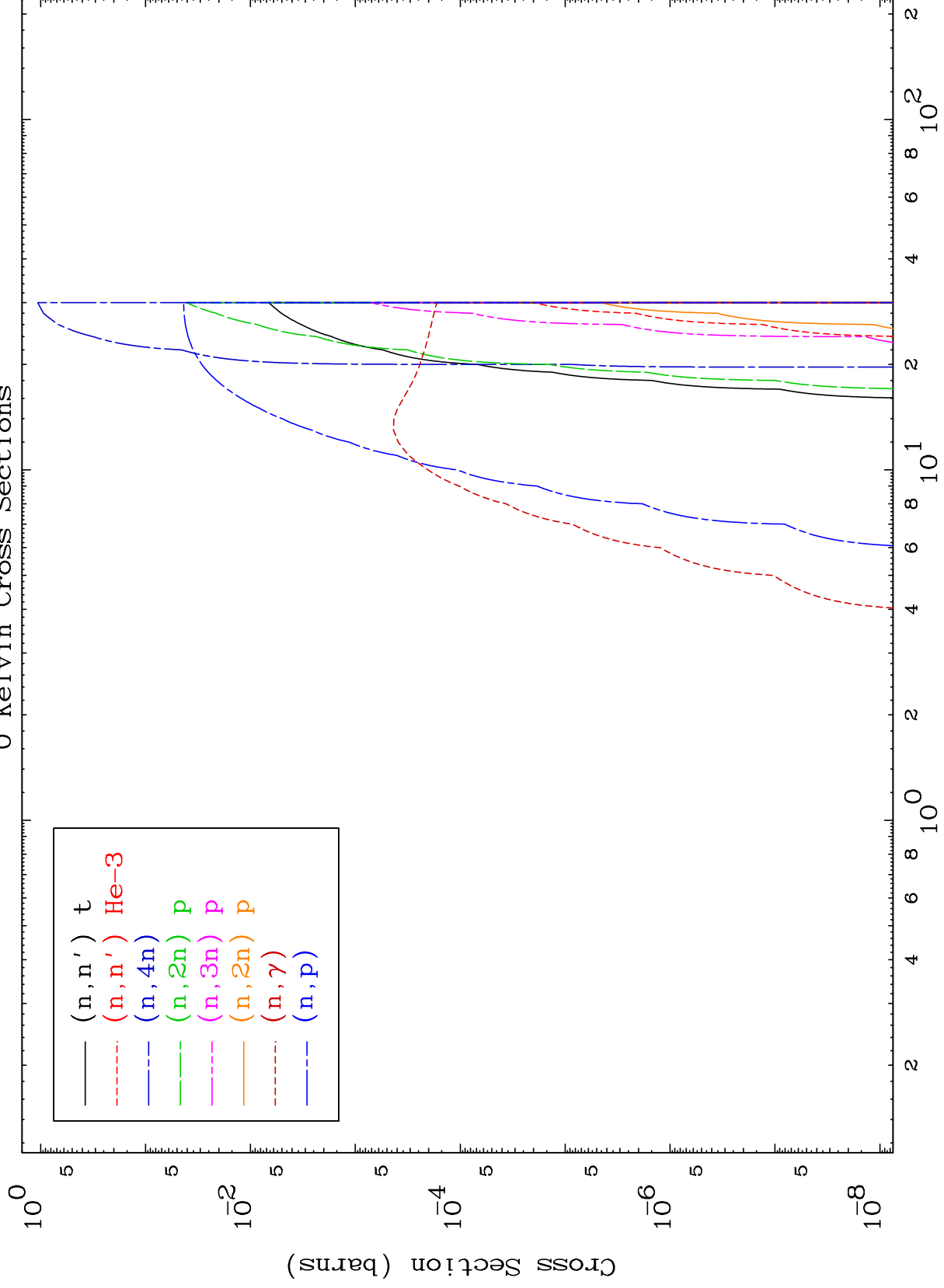
77-Ir-196m



MAT 7741

Proton Neutron Absorption
0 Kelvin Cross Sections

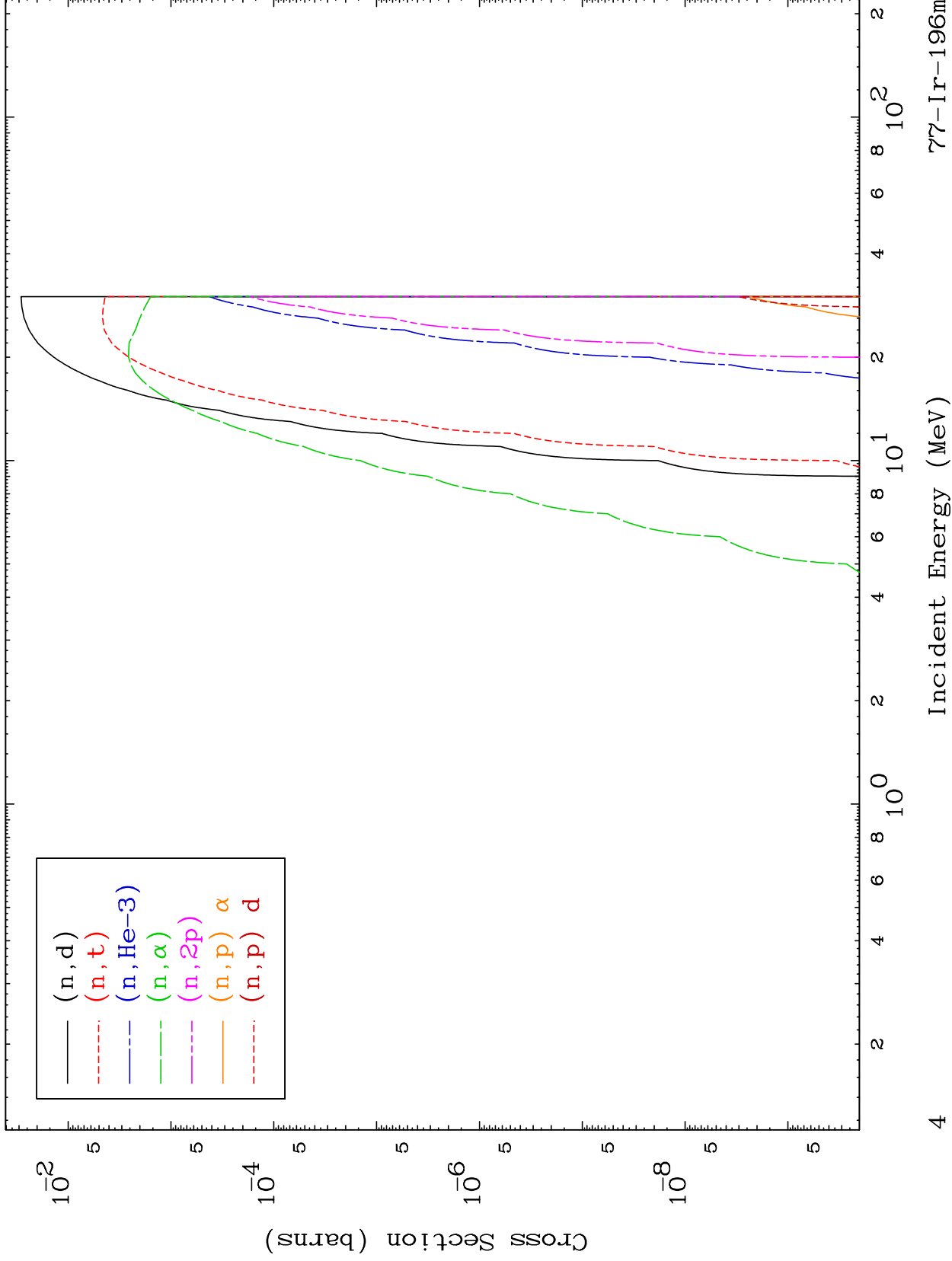
77-Ir-196m



MAT 7741

Proton Neutron Absorption
0 Kelvin Cross Sections

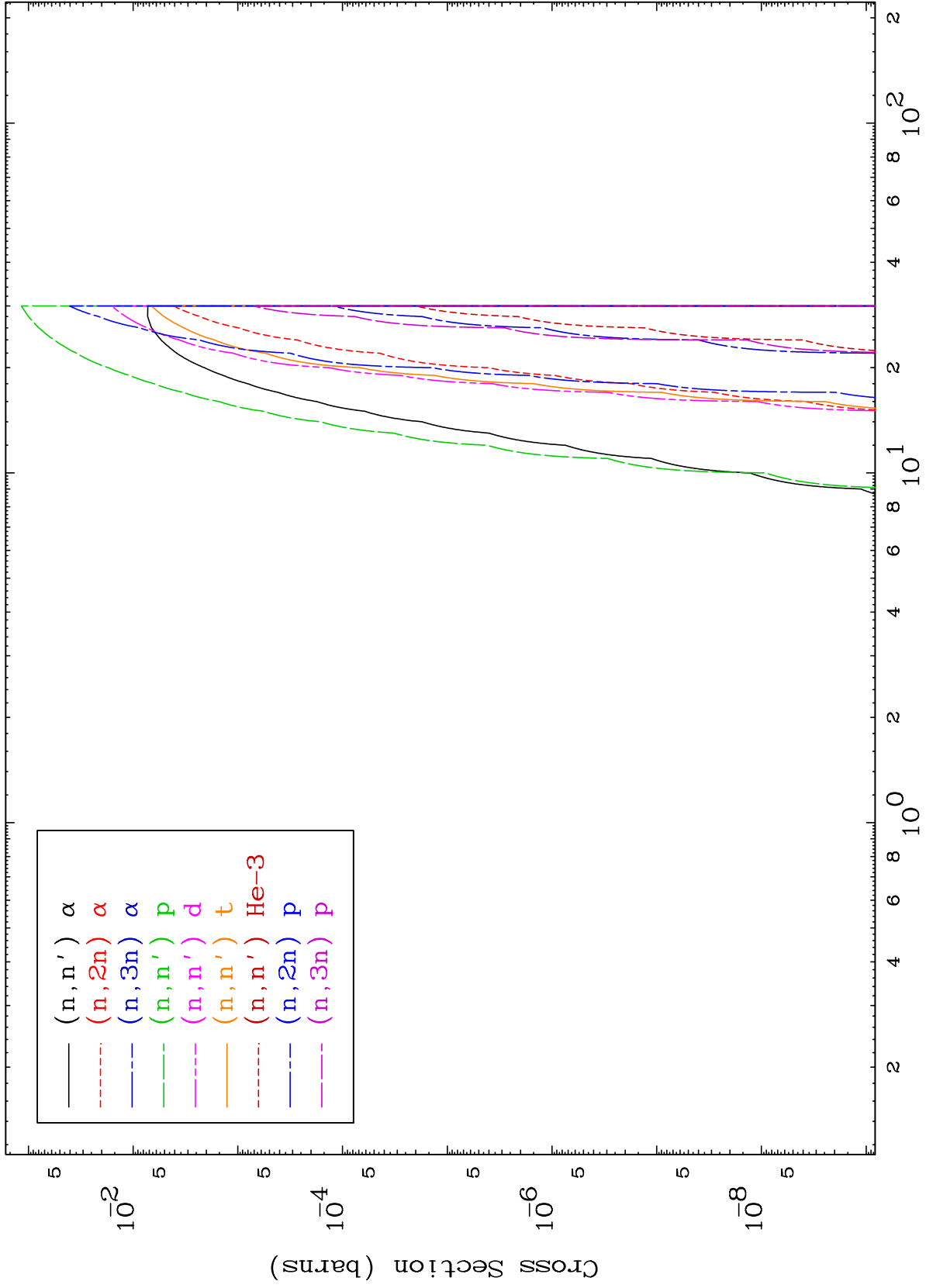
77-Ir-196m



MAT 7741

Proton Charged Particle
0 Kelvin Cross Sections

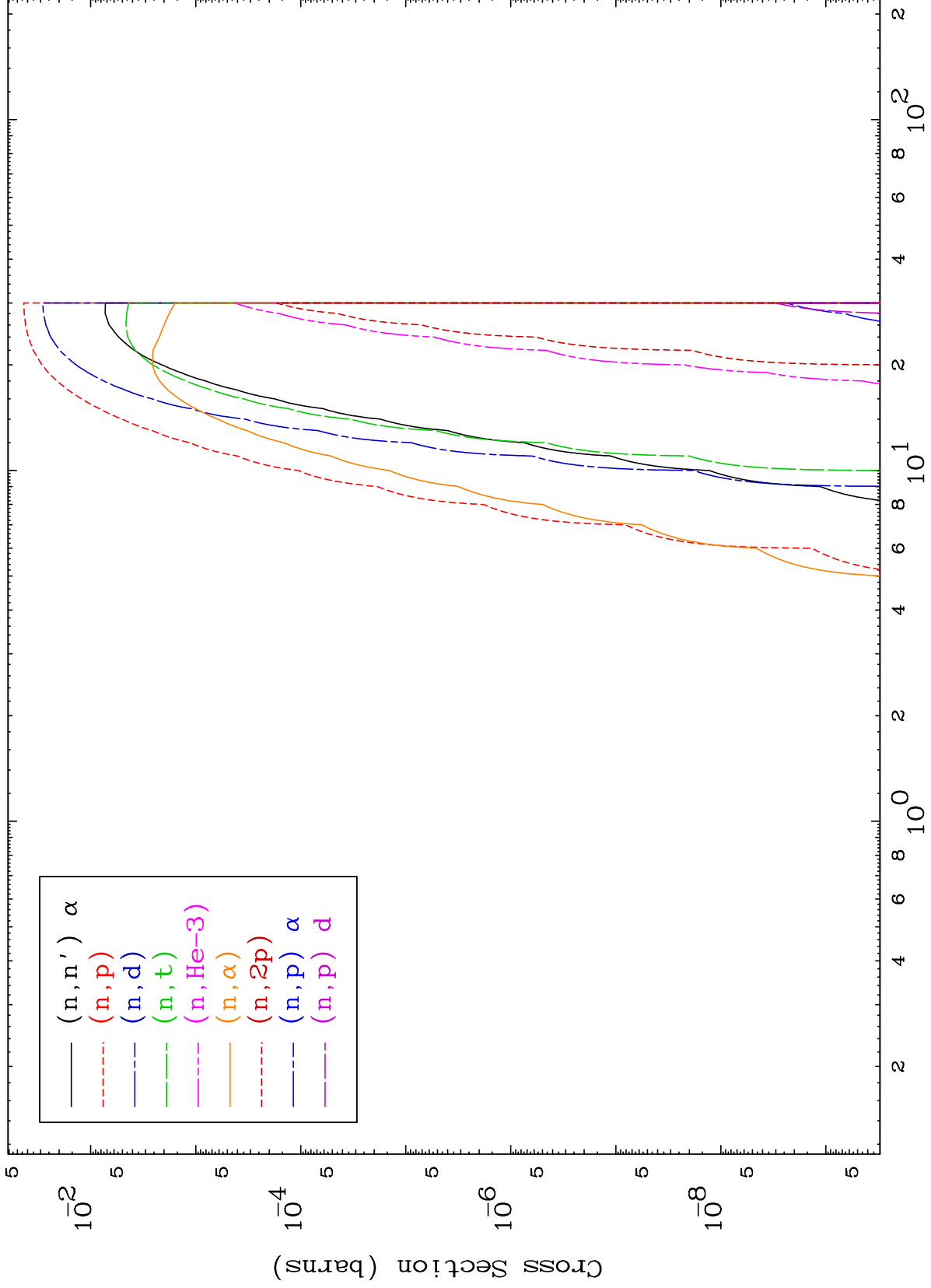
77-Ir-196m



MAT 7741

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-196m

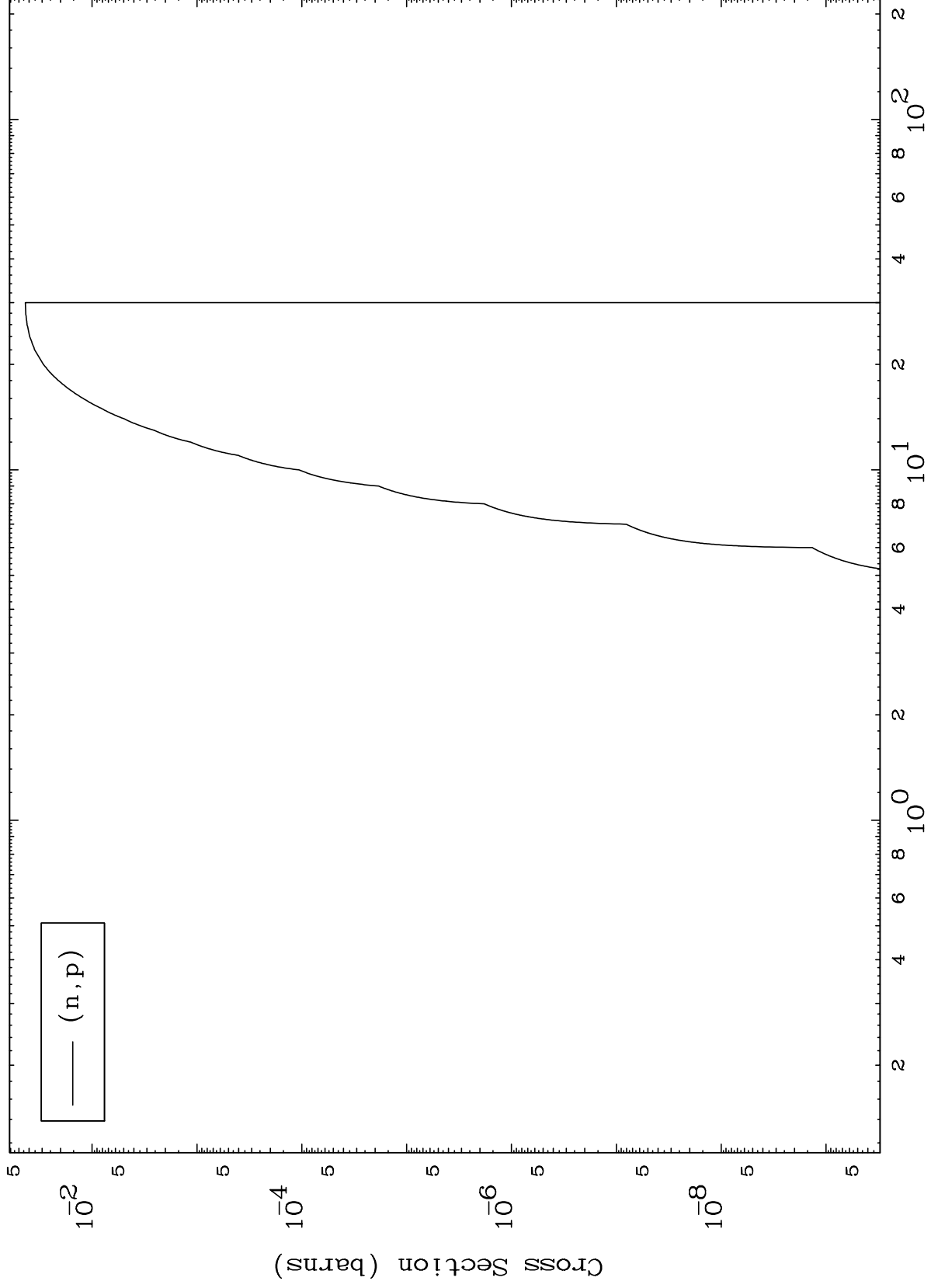


MAT 7741

(p,p) Levels

77-Ir-196m

0 Kelvin Cross Sections

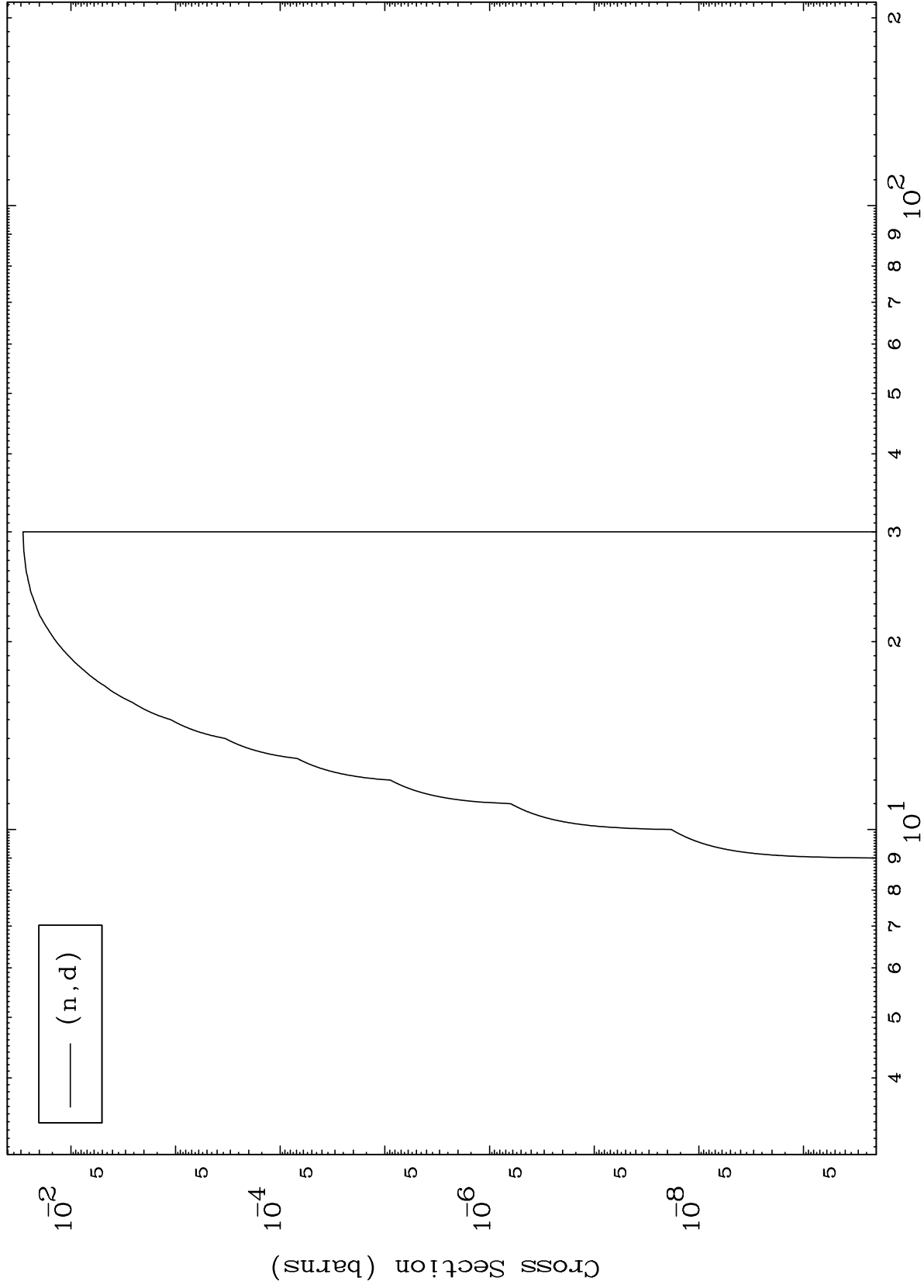


(n,p)

MAT 7741

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-196m

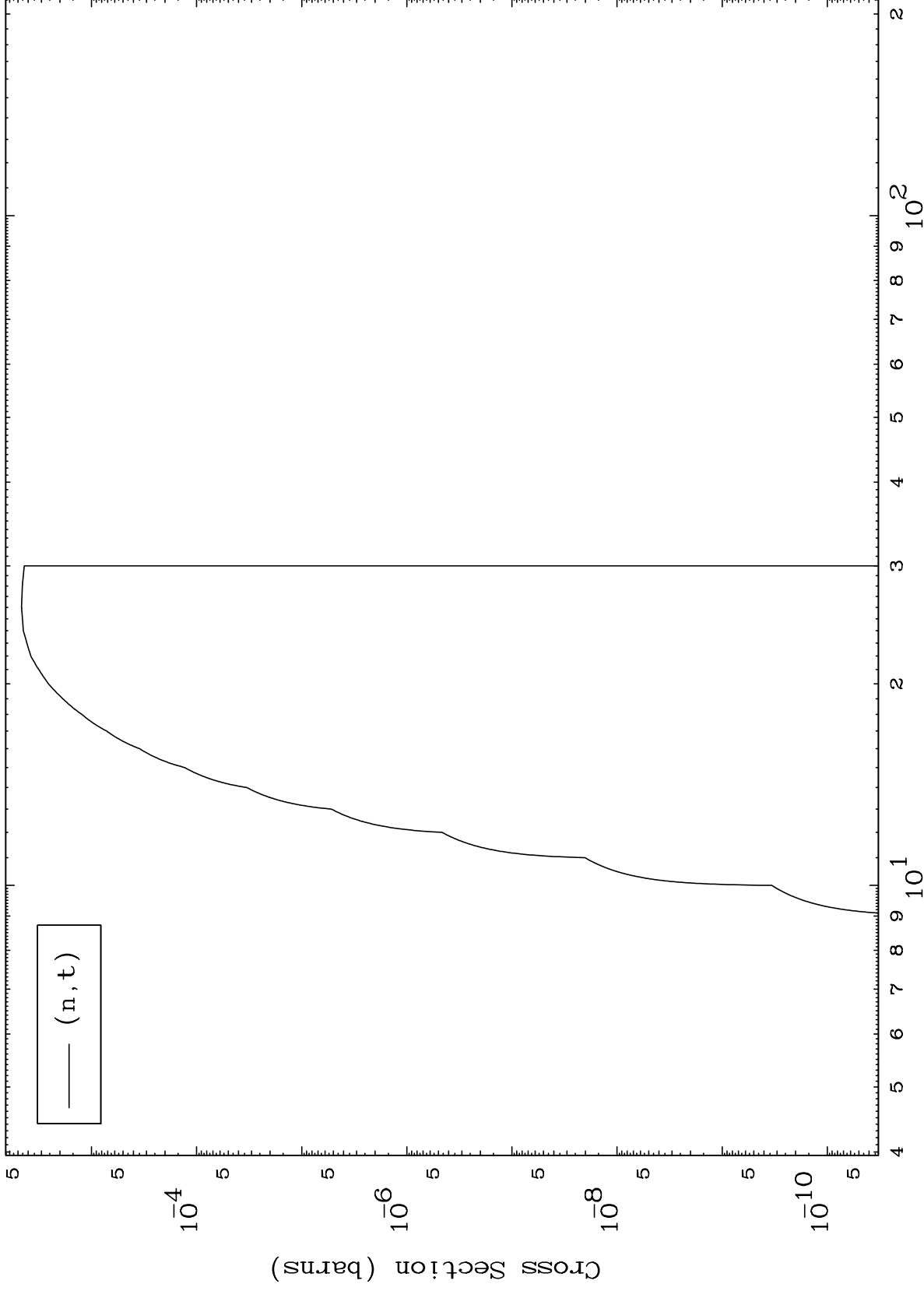


MAT 7741

(p, t) Levels

77-Ir-196m

0 Kelvin Cross Sections



9

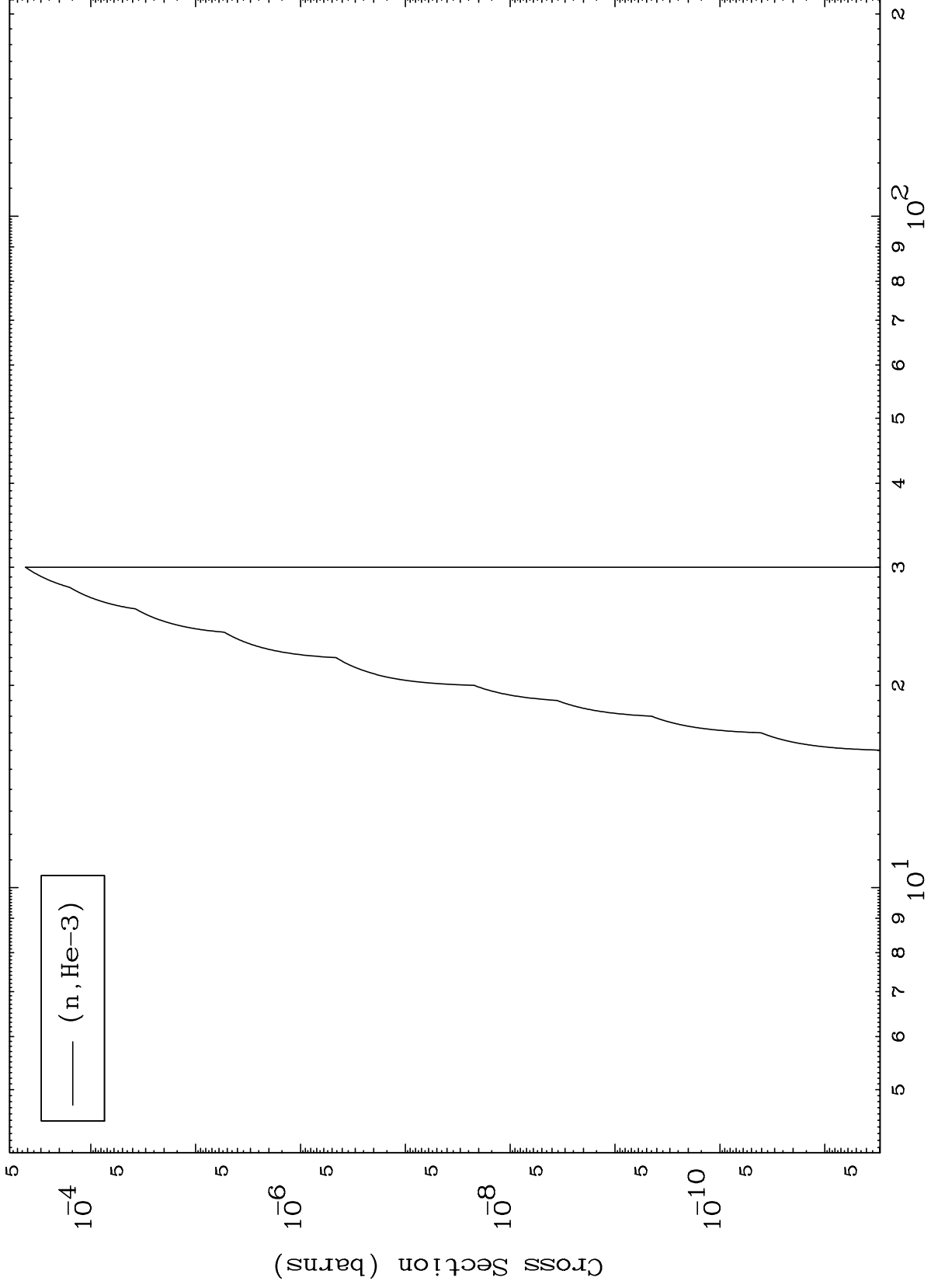
Incident Energy (MeV)

77-Ir-196m

MAT 7741

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-196m



10

Incident Energy (MeV)

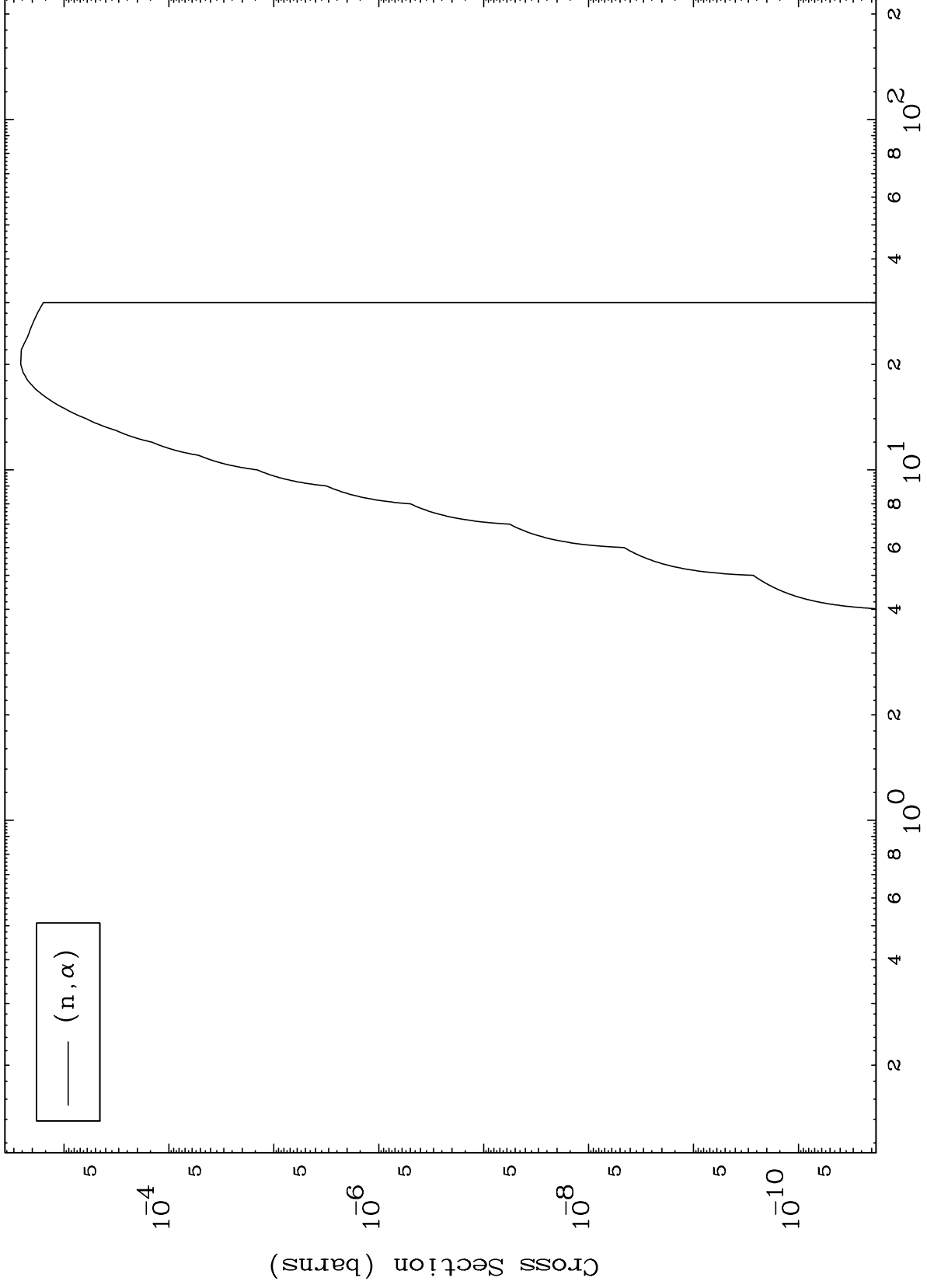
77-Ir-196m

MAT 7741

(p, α) Levels

77-Ir-196m

0 Kelvin Cross Sections

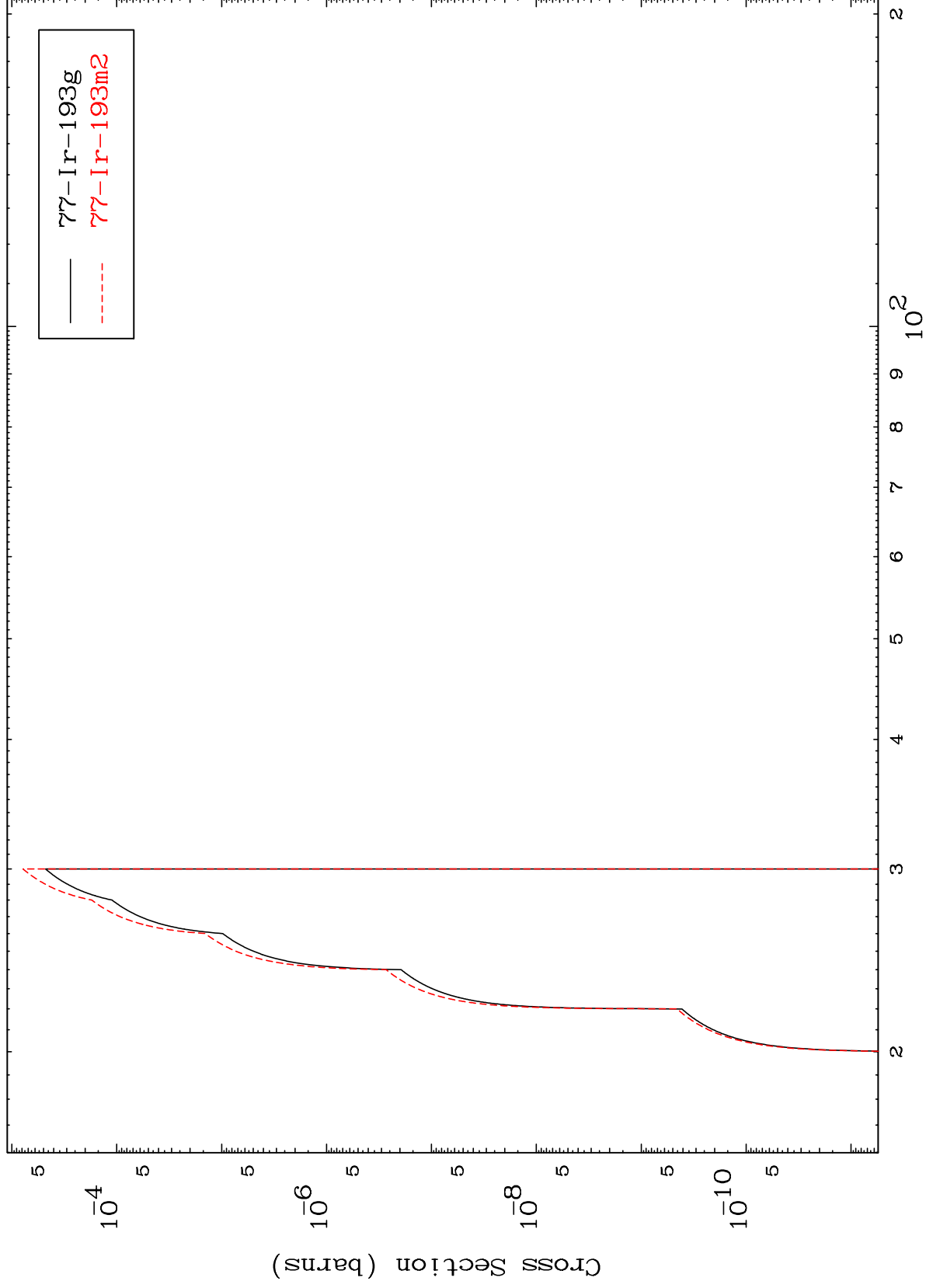


MAT 7741

⁷⁷Ir-196m

(n,2n) d

Radionuclide Production Cross Section



12

Incident Energy (MeV)

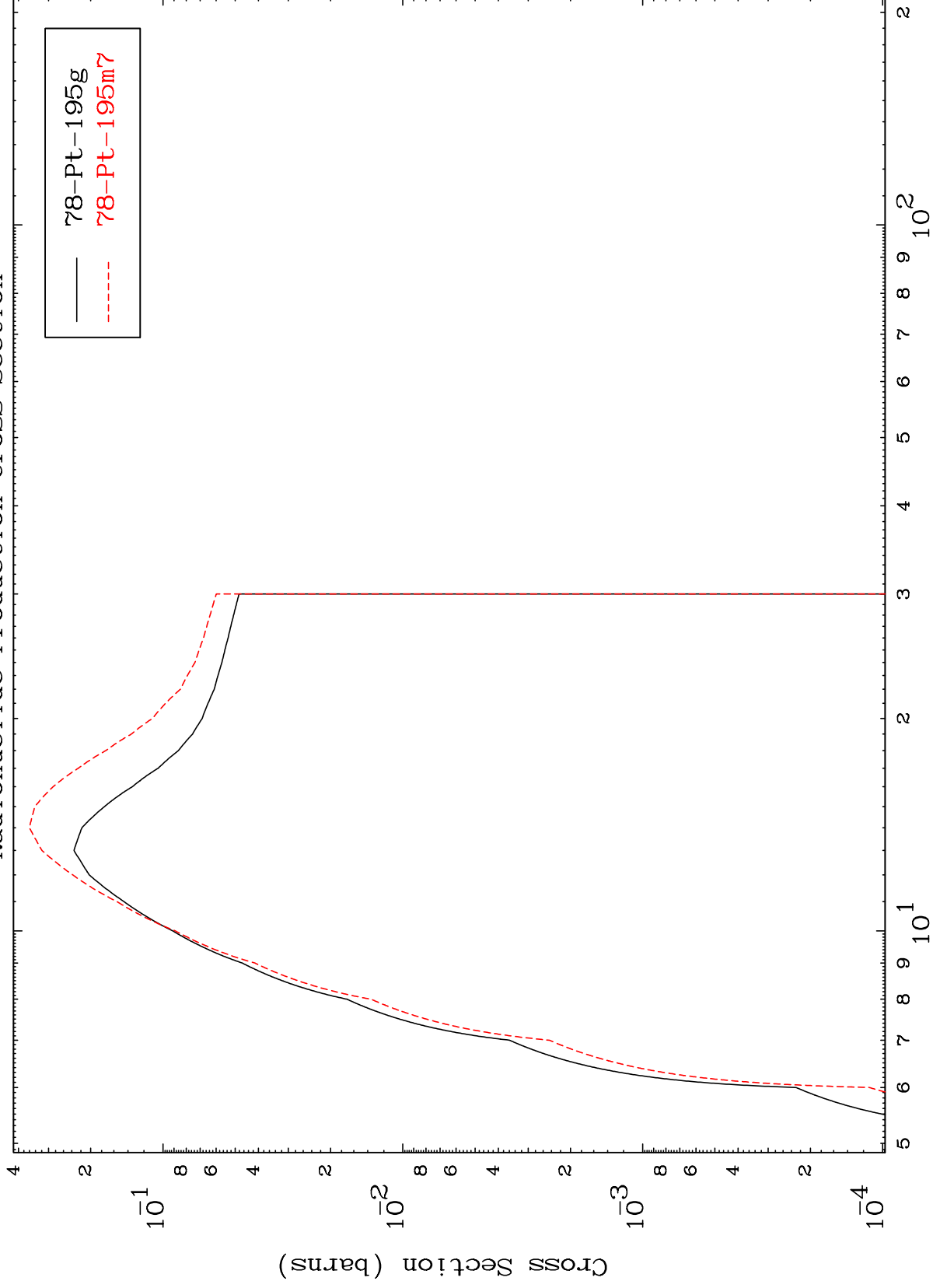
⁷⁷Ir-196m

MAT 7741

(n,2n)

77-Ir-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-196m

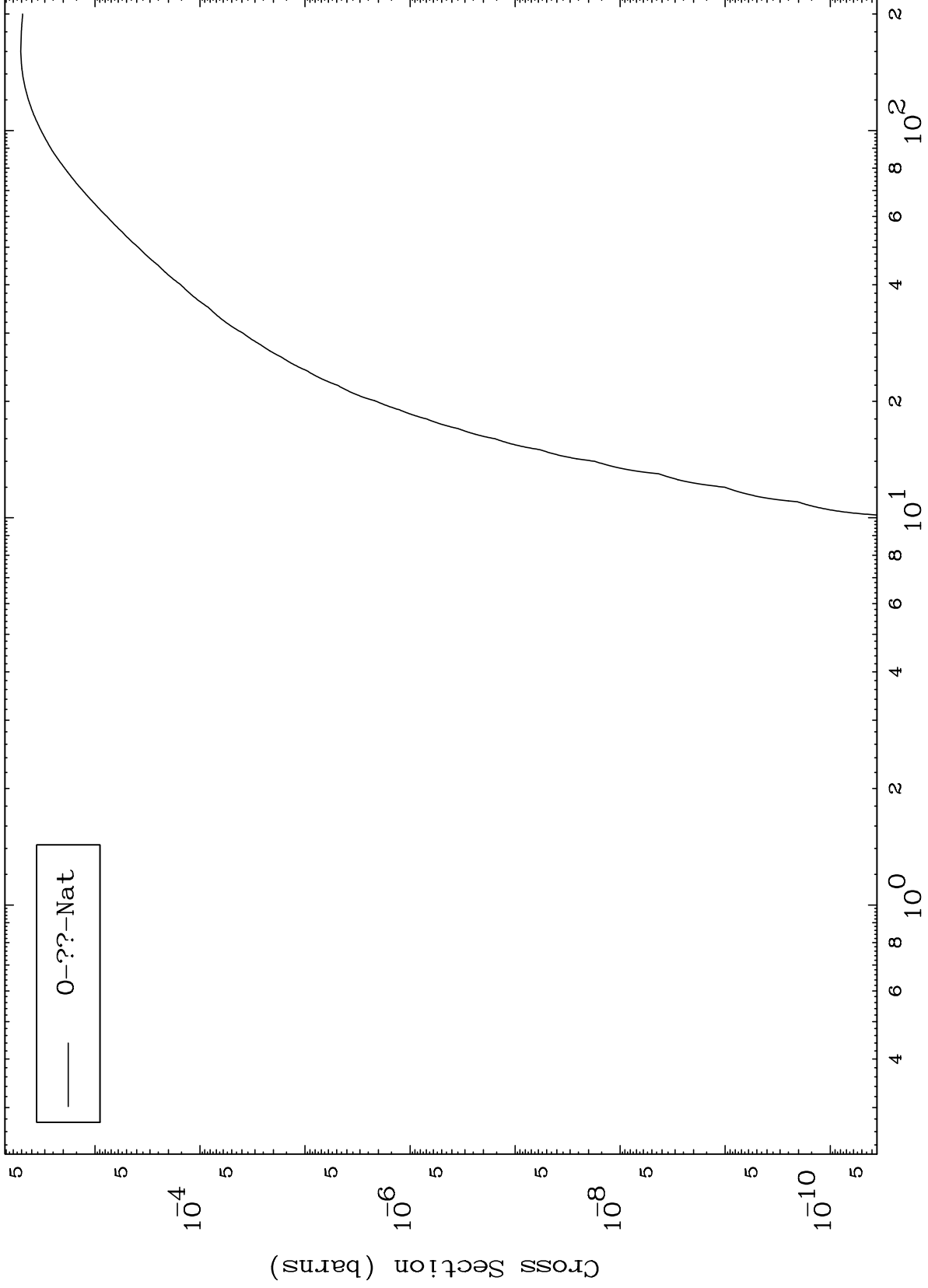
13

MAT 7741

Fission

⁷⁷Ir-196m

Radionuclide Production Cross Section

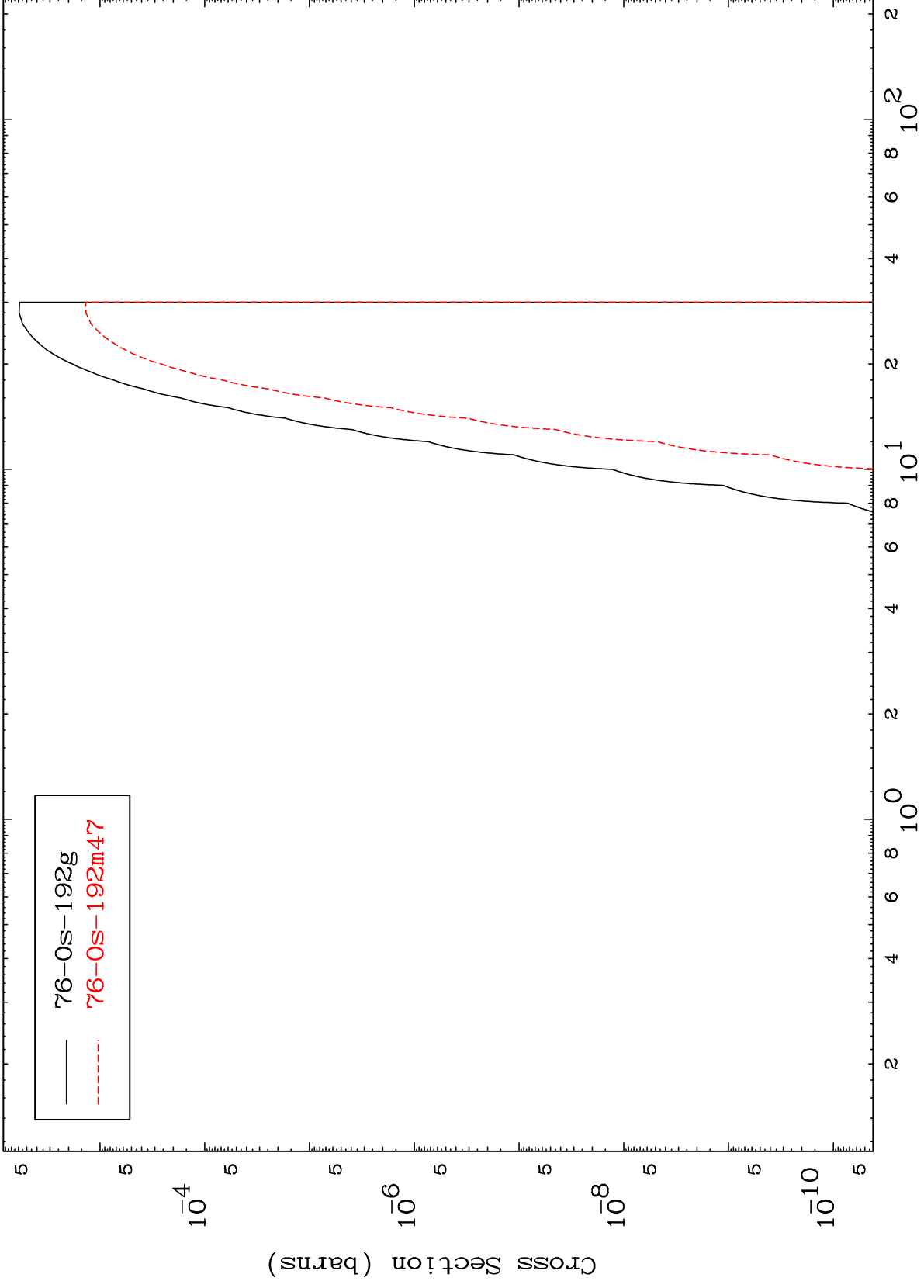


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$(n, n') \alpha$

77-Ir-196m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

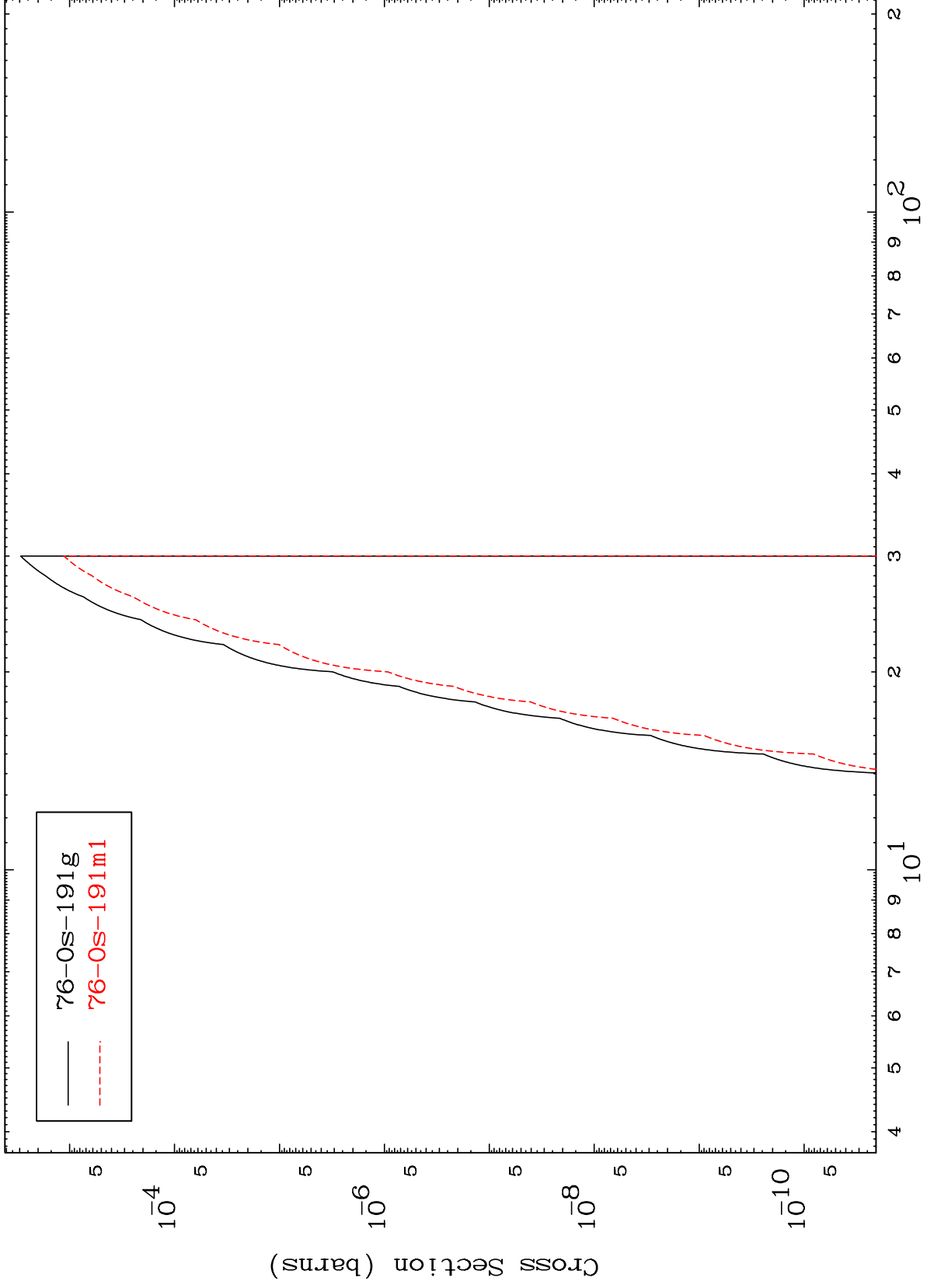
77-Ir-196m

MAT 7741

(n,2n) α

77-Ir-196m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

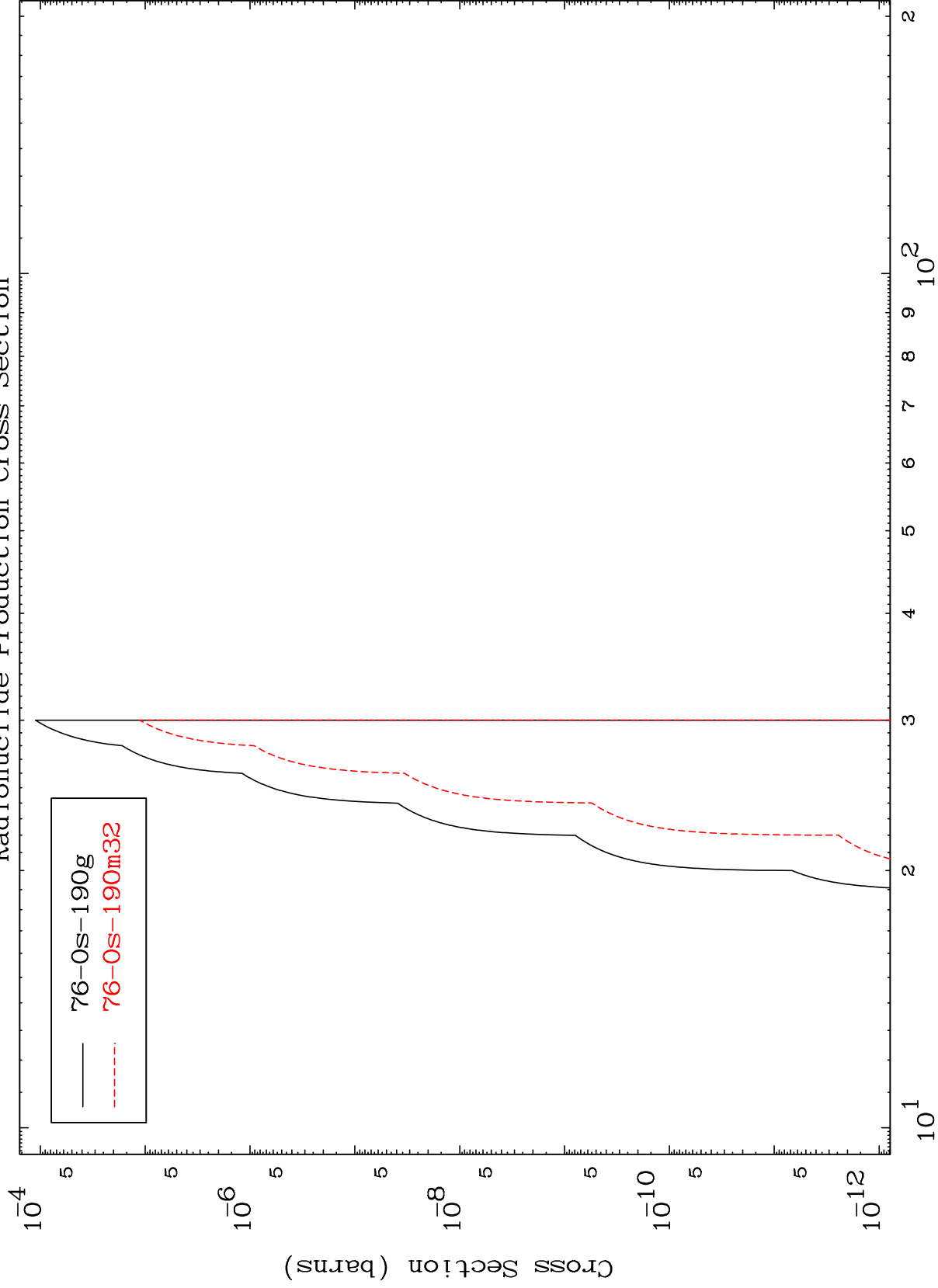
77-Ir-196m

MAT 7741

(n,3n) α

77-Ir-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

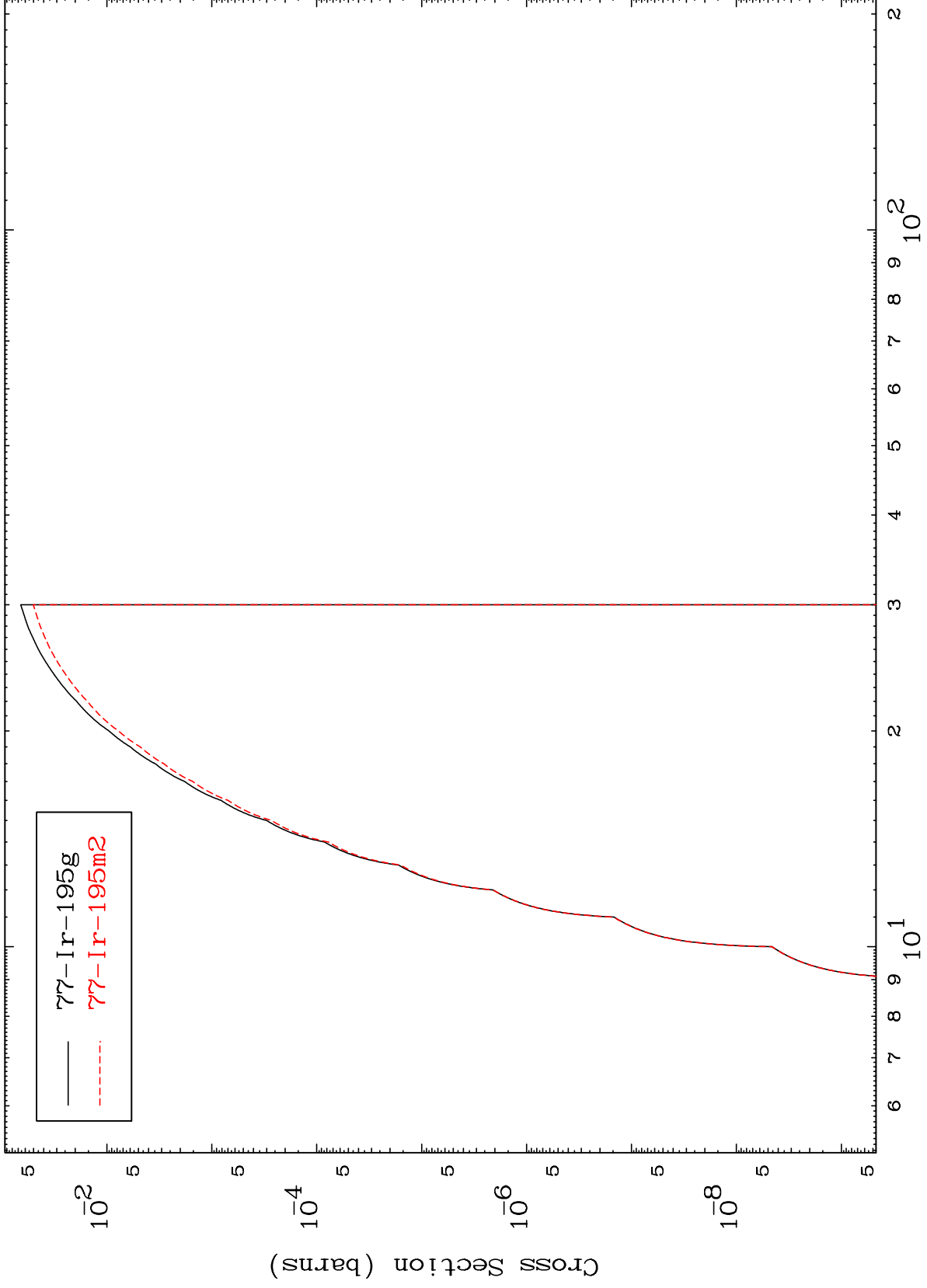
77-Ir-196m

MAT 7741

(n,n') p

⁷⁷Ir-196m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

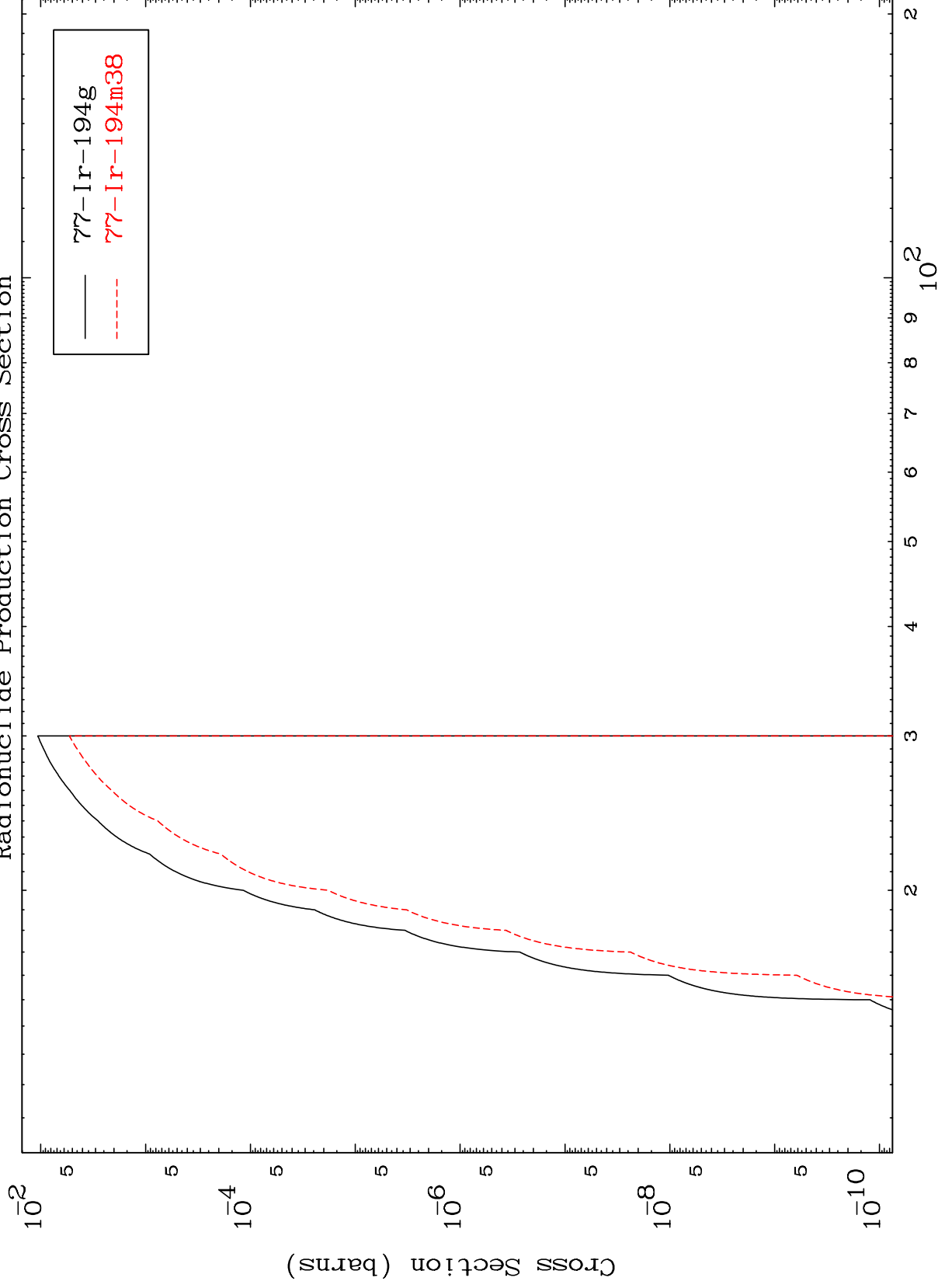
⁷⁷Ir-196m

MAT 7741

(n,n') d

77-Ir-196m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

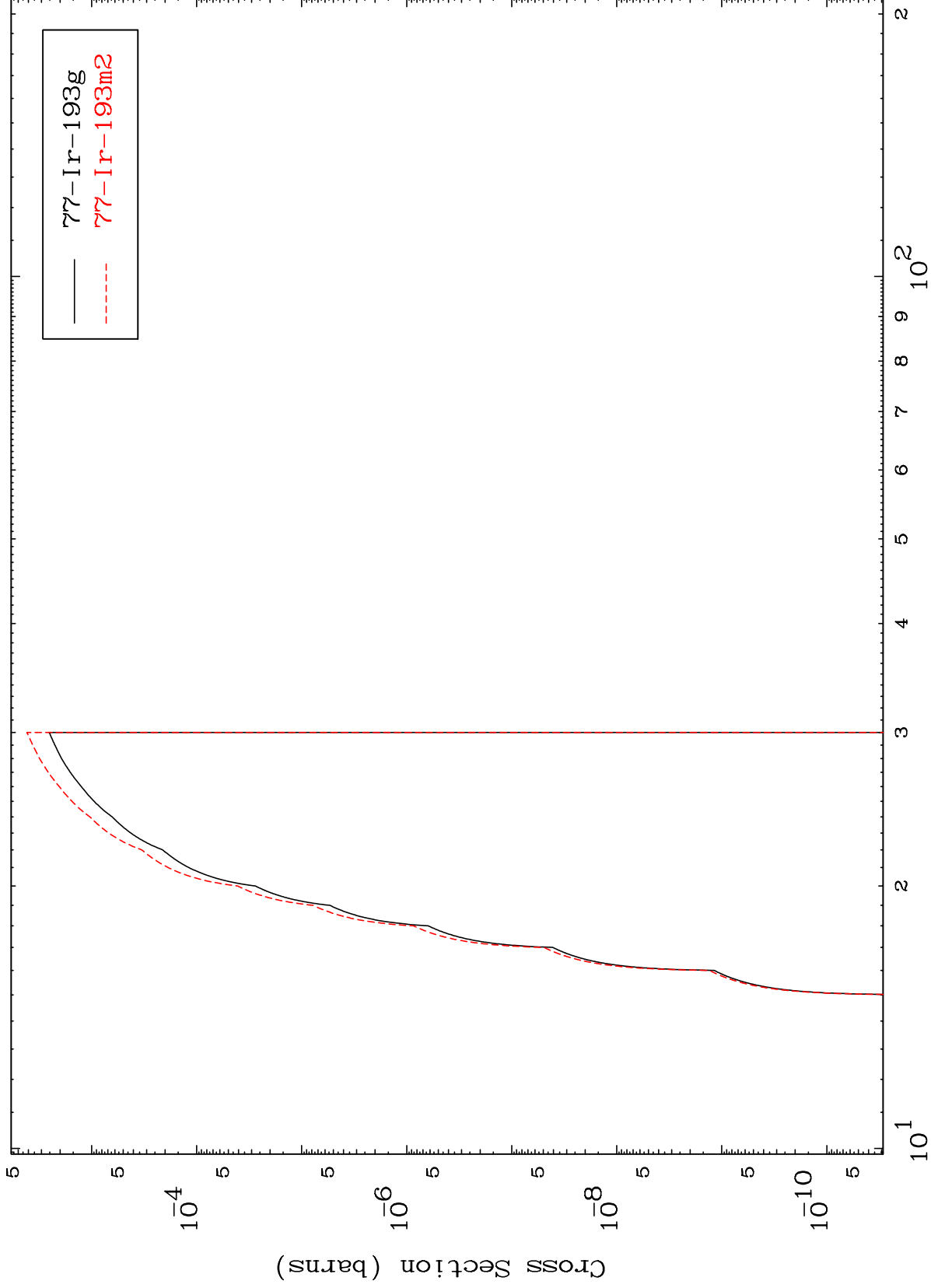
77-Ir-196m

MAT 7741

(n,n') t

77-Ir-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

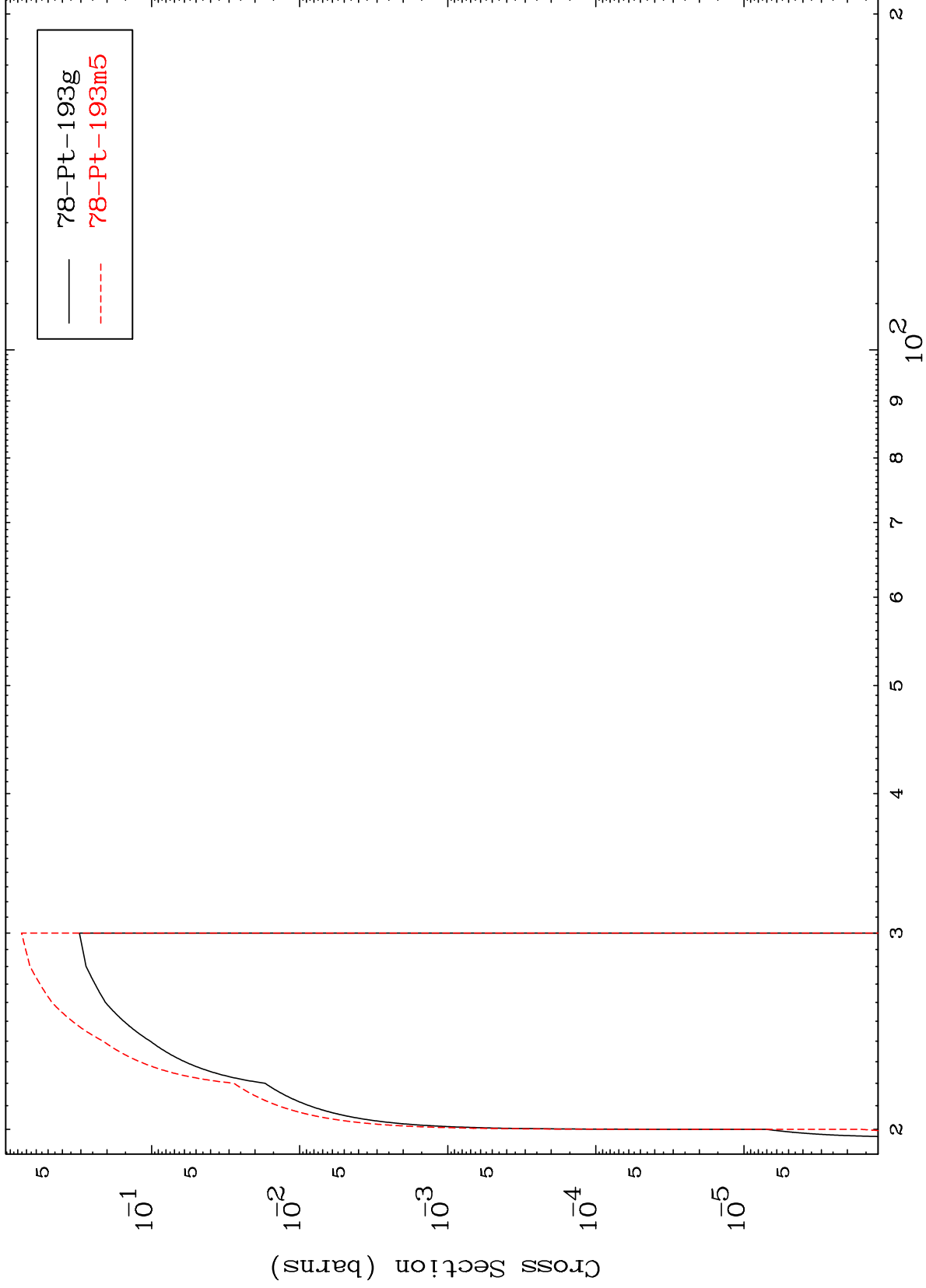
77-Ir-196m

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(n,4n)

77-Ir-196m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

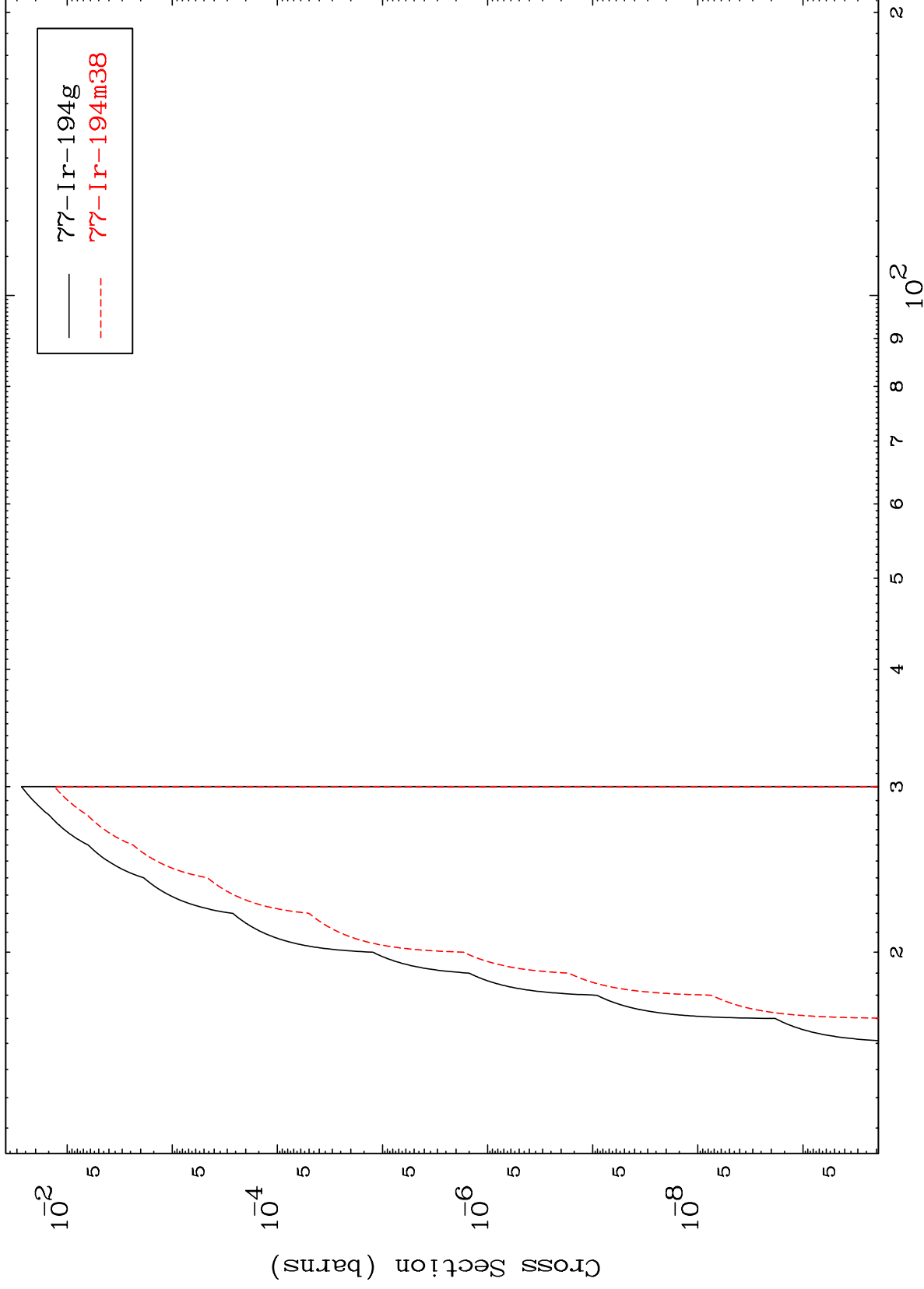
77-Ir-196m

MAT 7741

(n,2n) p

⁷⁷Ir-196m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

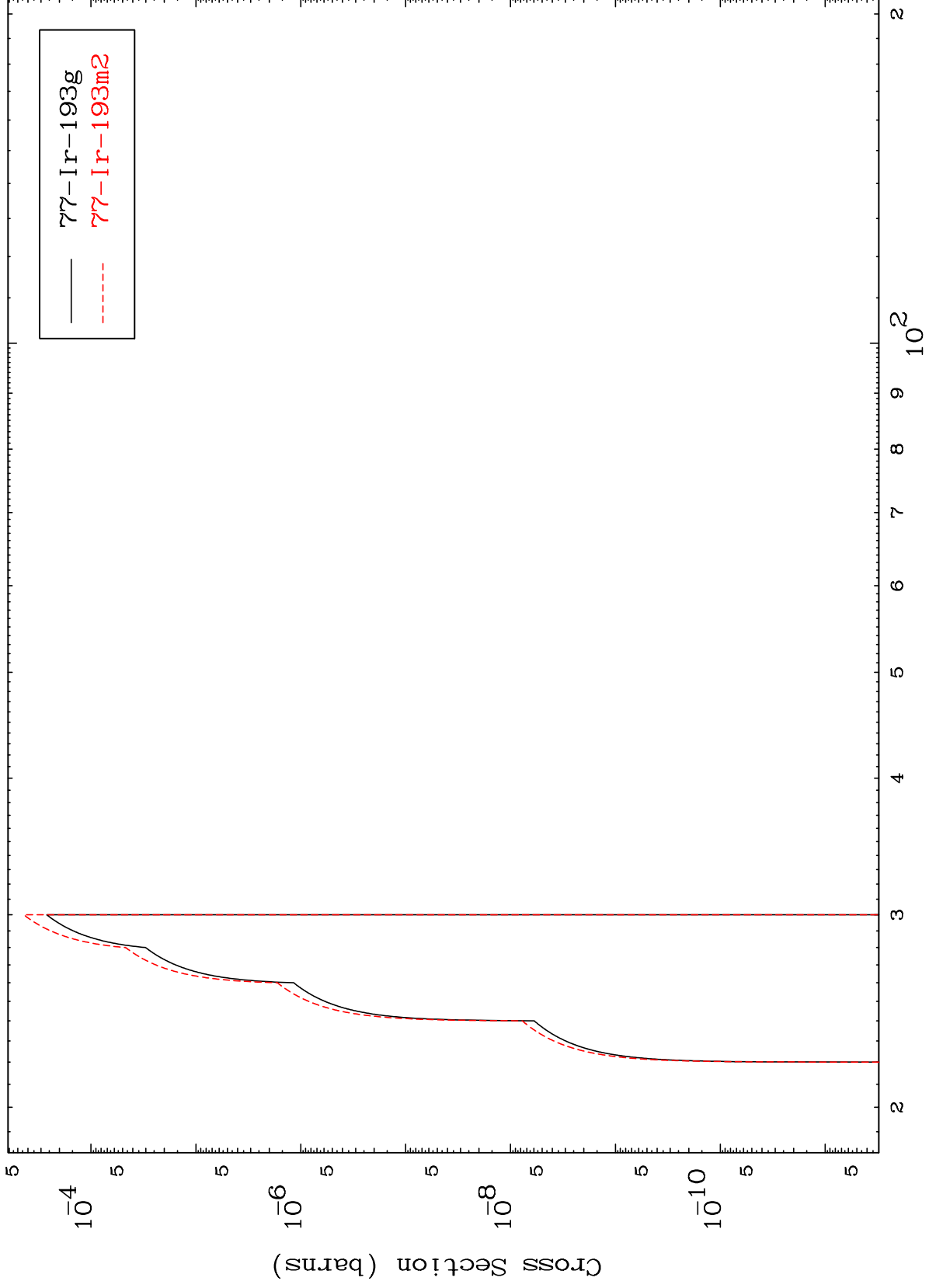
⁷⁷Ir-196m

MAT 7741

(n,3n) p

⁷⁷Ir-196m

Radionuclide Production Cross Section



23

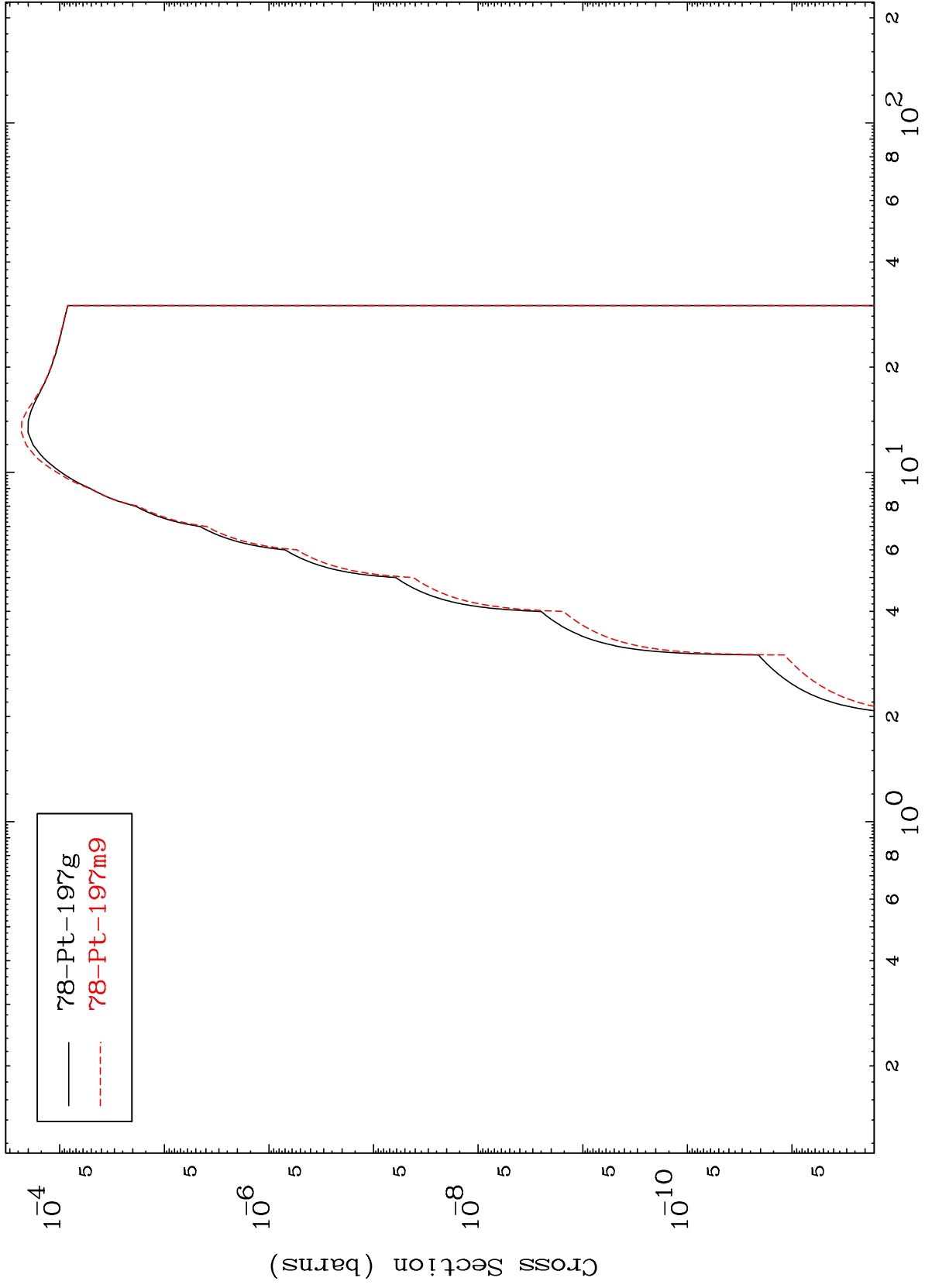
Incident Energy (MeV)

⁷⁷Ir-196m

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77-Ir-196m

(n, γ)
Radionuclide Production Cross Section

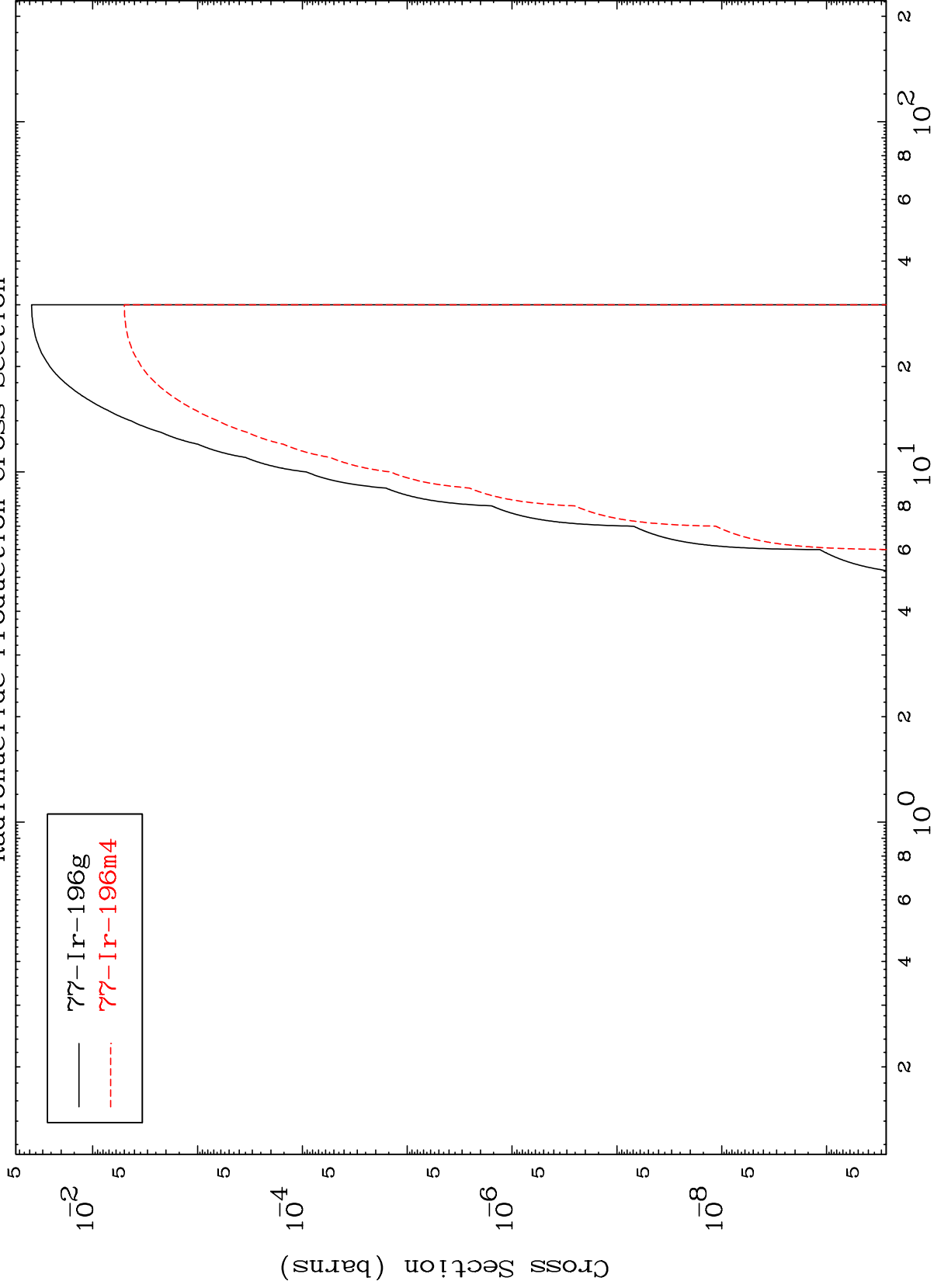


— 78-Pt-197g
- - - 78-Pt-197m9

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⁷⁷Ir-196m

Radionuclide Production Cross Section (n,p)



25

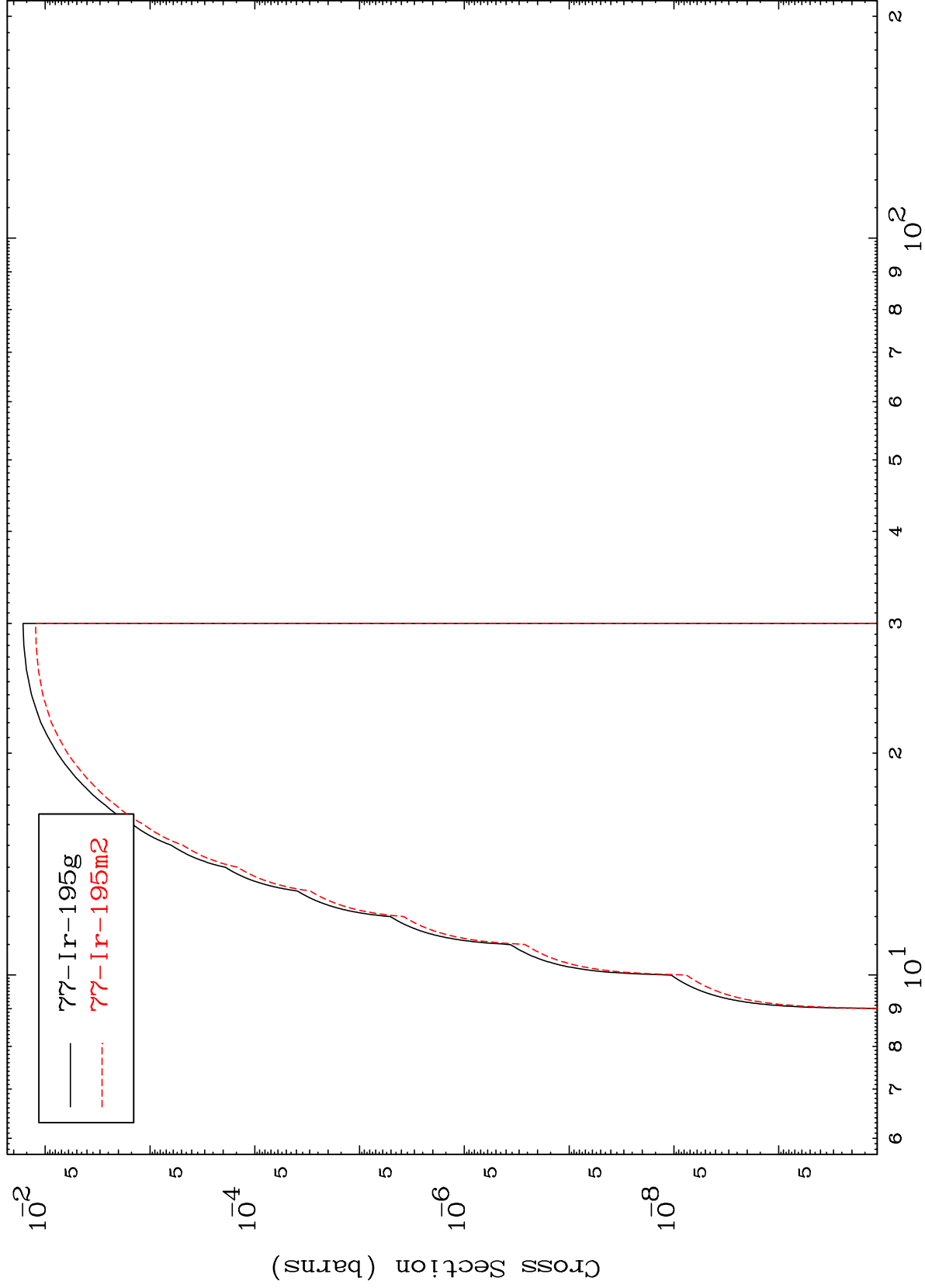
⁷⁷Ir-196m

Incident Energy (MeV)

MAT 7741

⁷⁷Ir-196m

Radionuclide Production Cross Section (n,d)



26

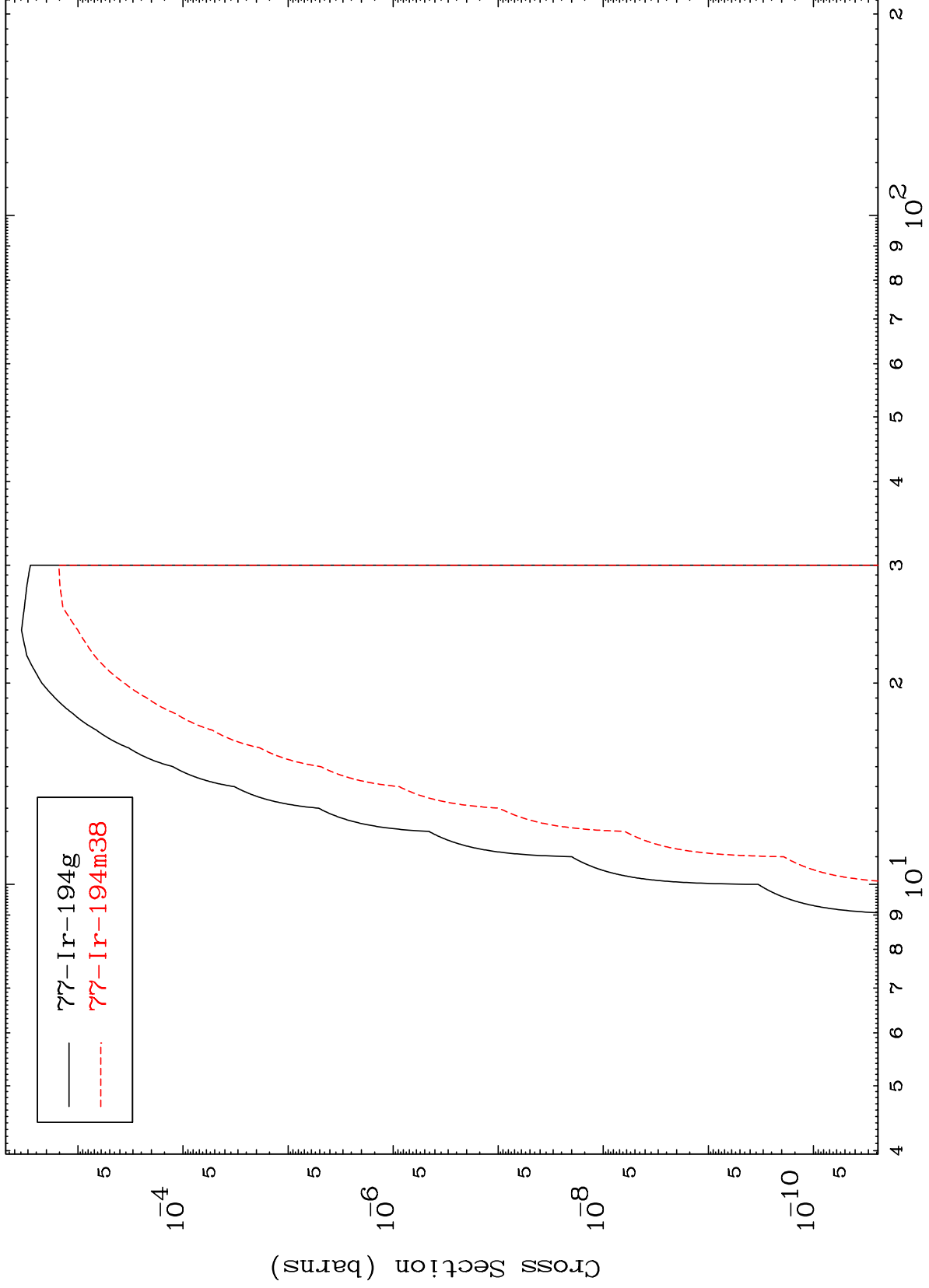
Incident Energy (MeV)

⁷⁷Ir-196m

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⁷⁷Ir-196m

(n, t)
Radionuclide Production Cross Section



— ⁷⁷Ir-194g
- - - ⁷⁷Ir-194m38

27

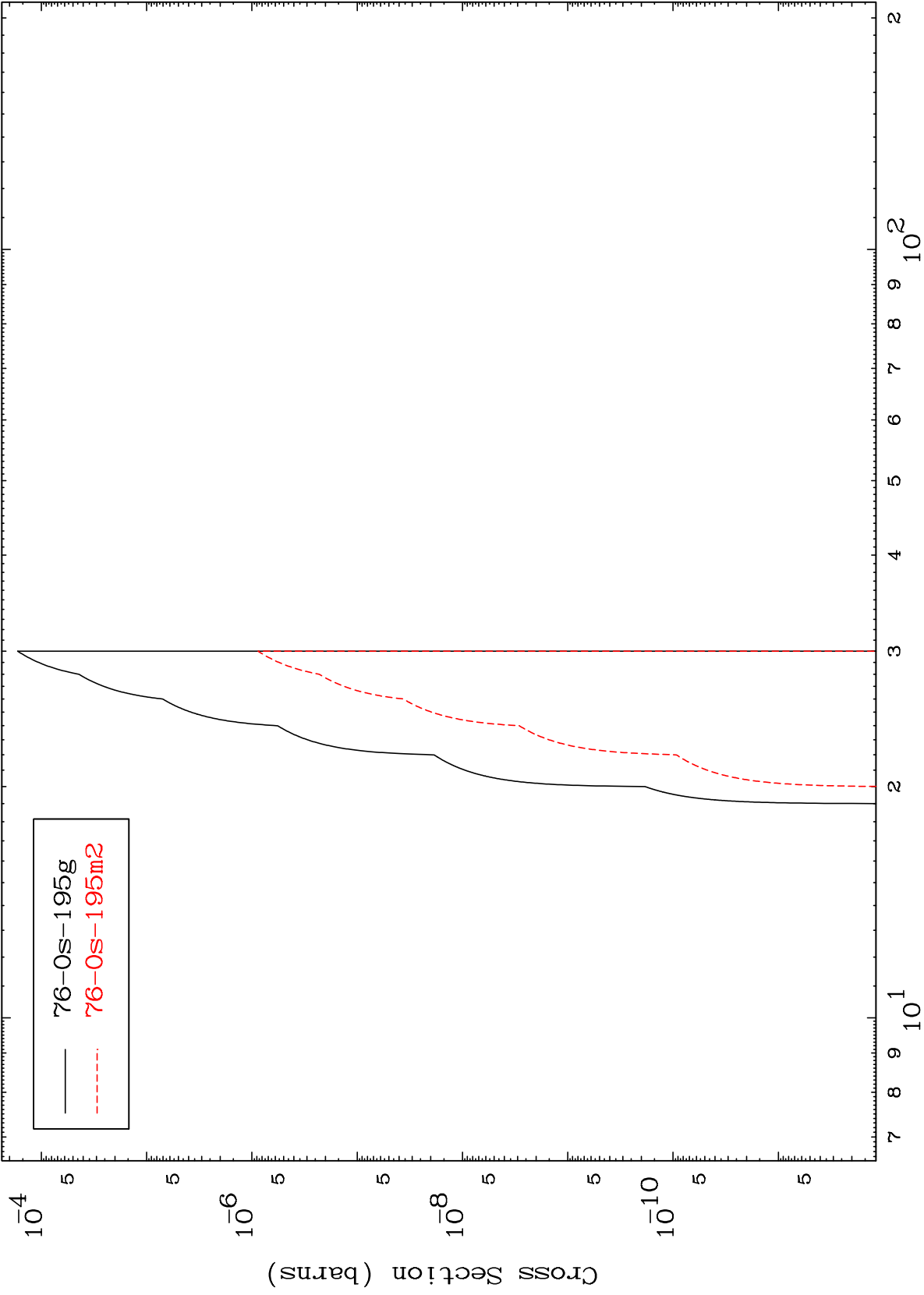
Incident Energy (MeV)

⁷⁷Ir-196m

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⁷⁷Ir-196m

(n,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

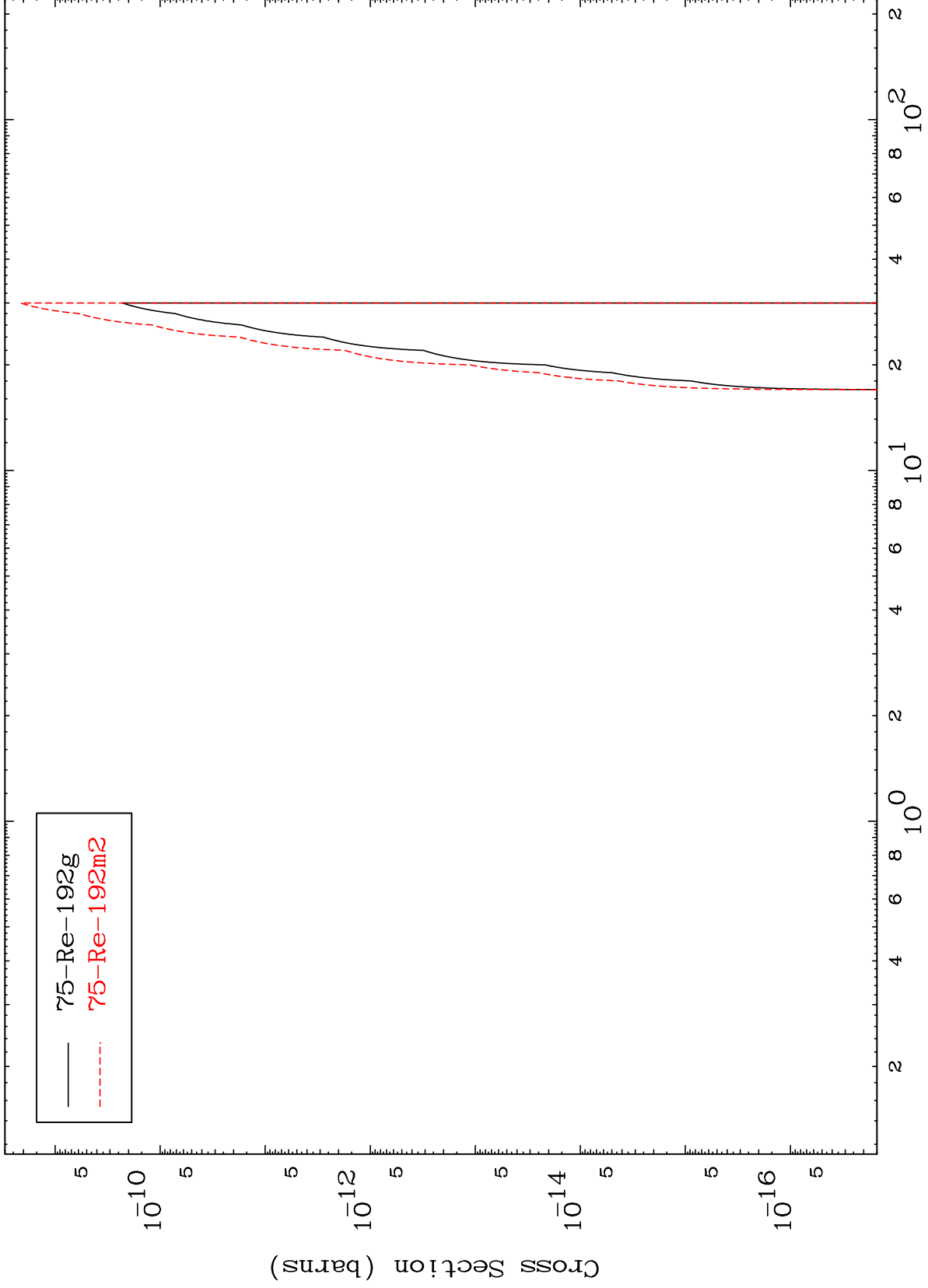
⁷⁷Ir-196m

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(n,p) α

77-Ir-196m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

77-Ir-196m