

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

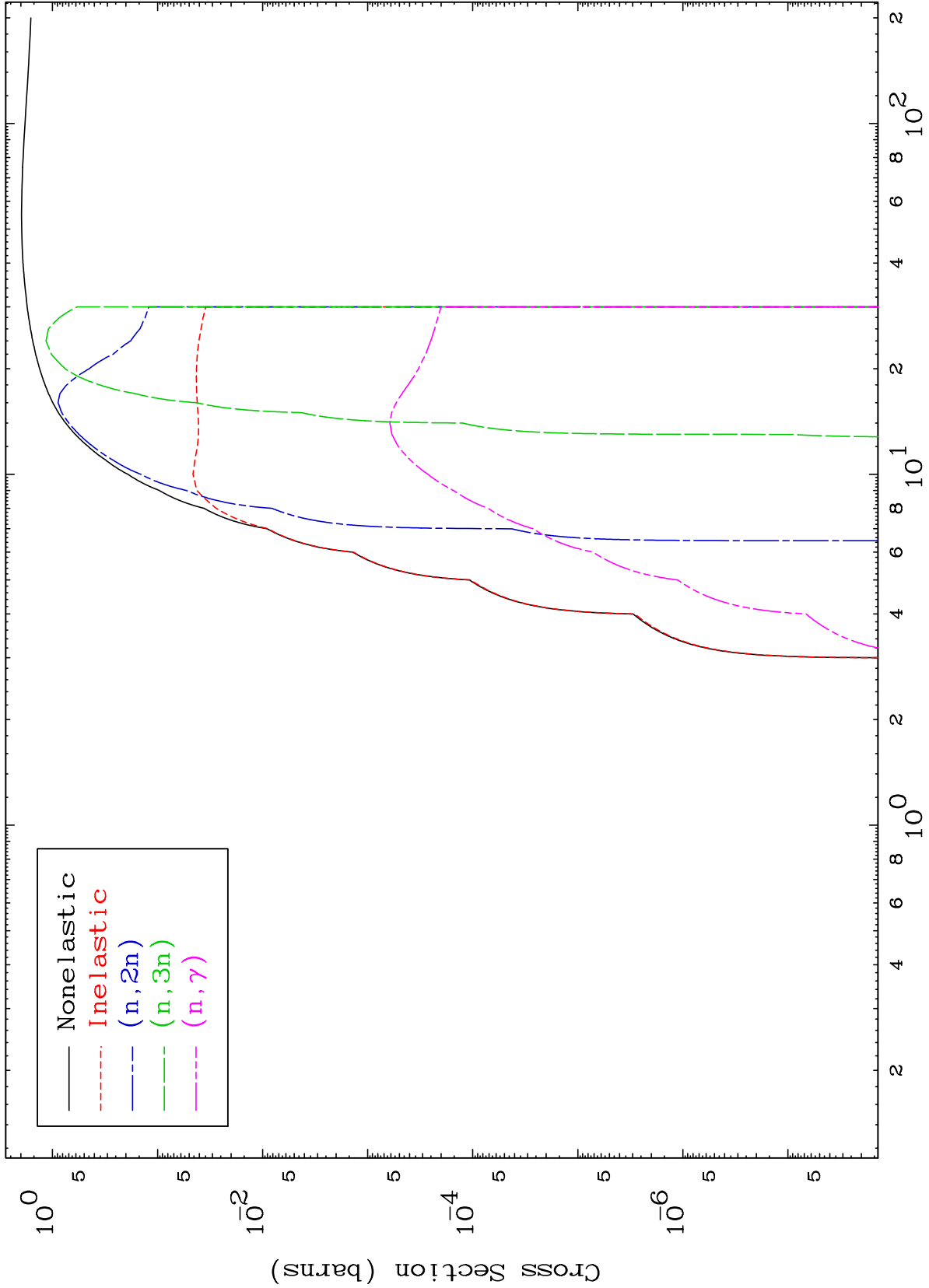
Press Mouse Button to Start

MAT 7735

Proton Major

77-Ir-194m

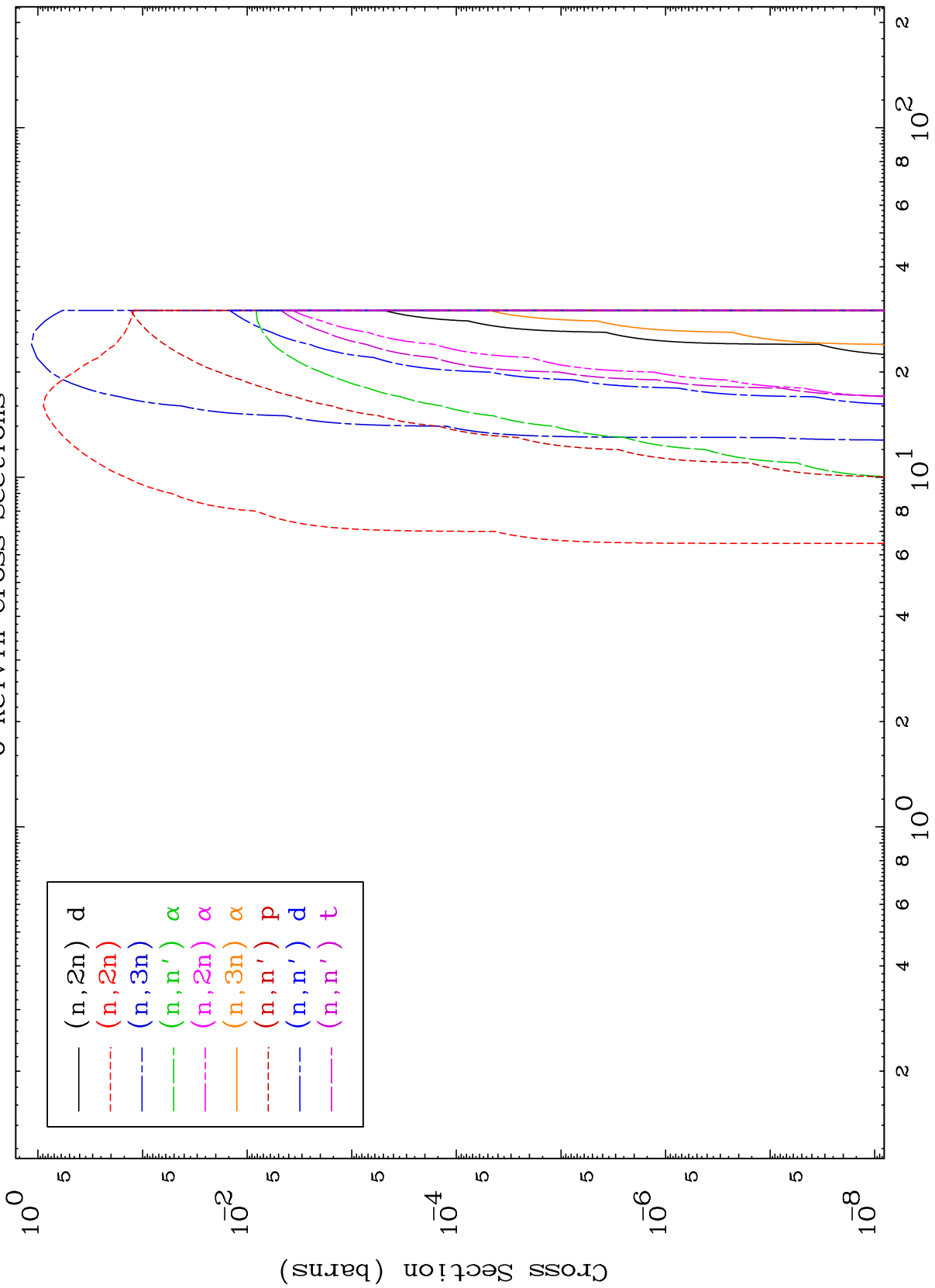
0 Kelvin Cross Sections



MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-194m



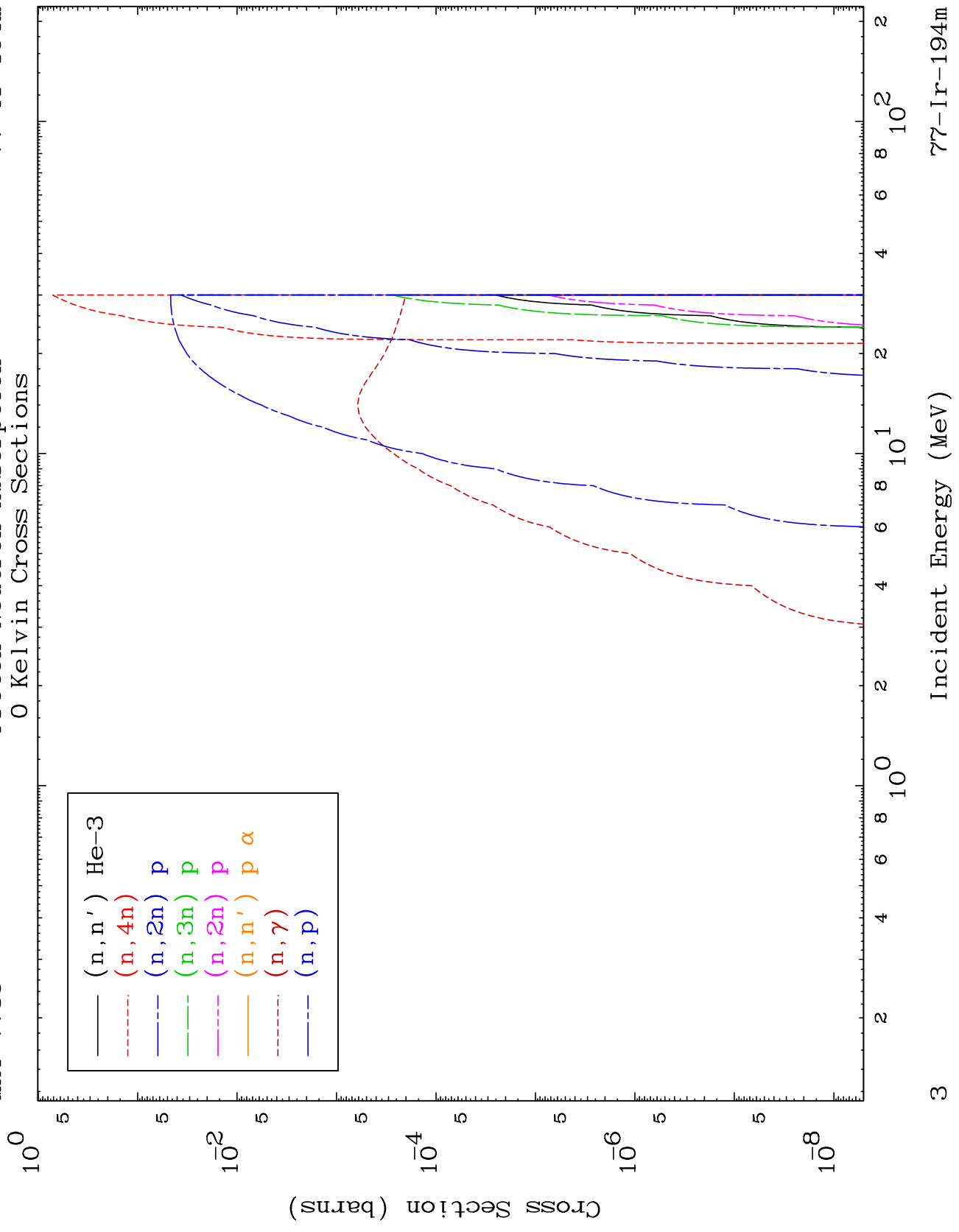
77-Ir-194m

Incident Energy (MeV)

MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

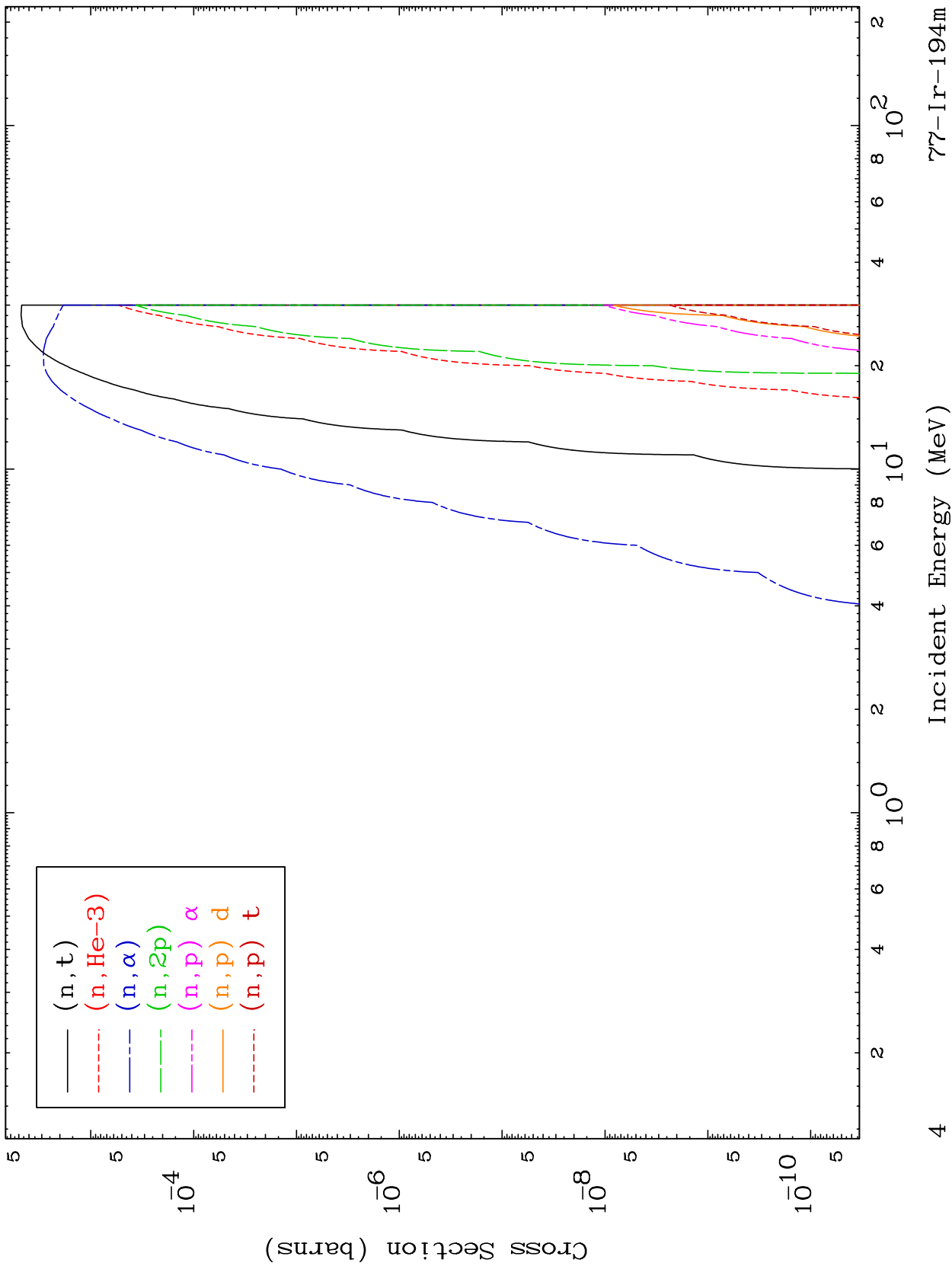
77-Ir-194m



MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

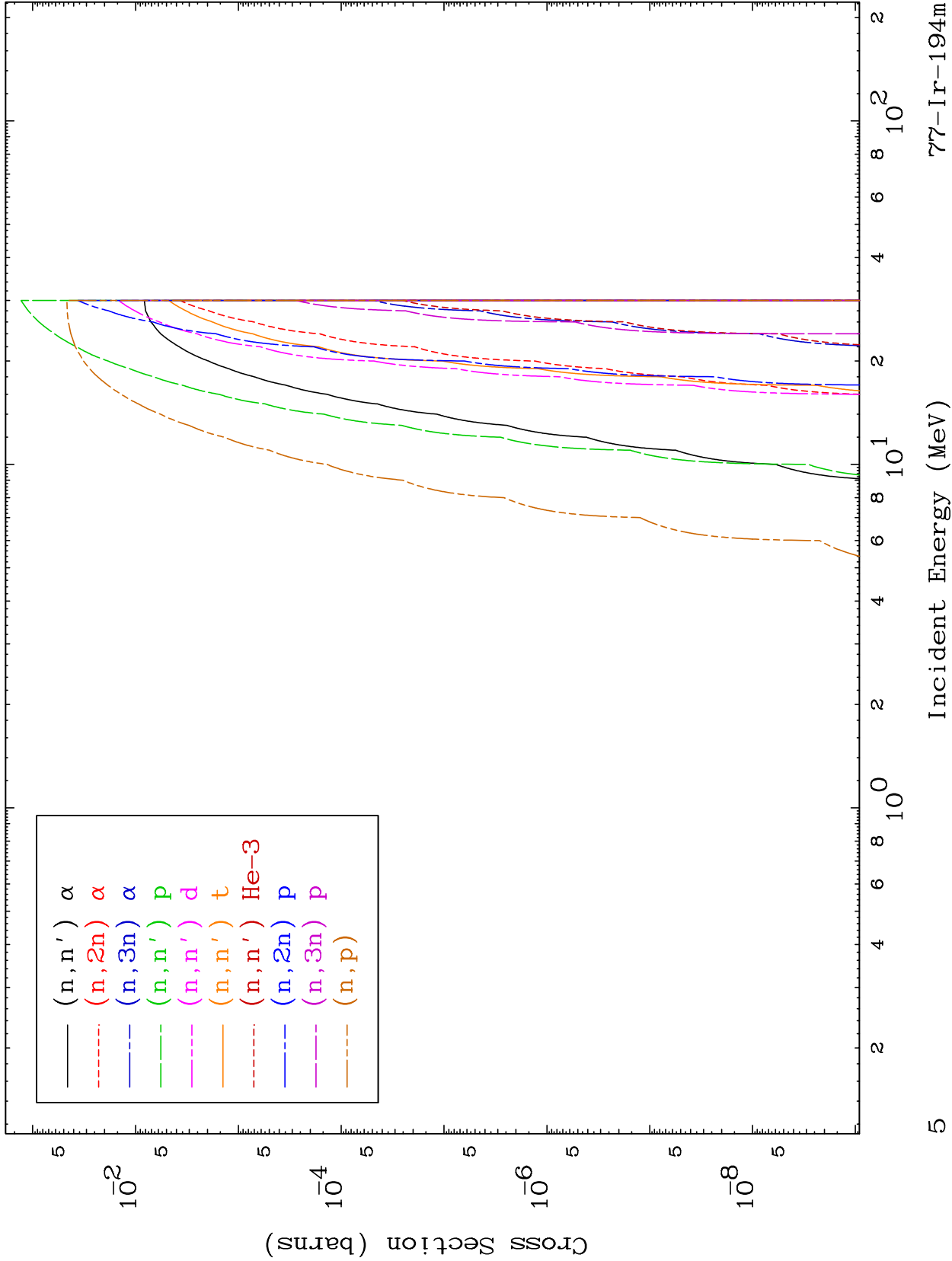
77-Ir-194m



MAT 7735

Proton Charged Particle
0 Kelvin Cross Sections

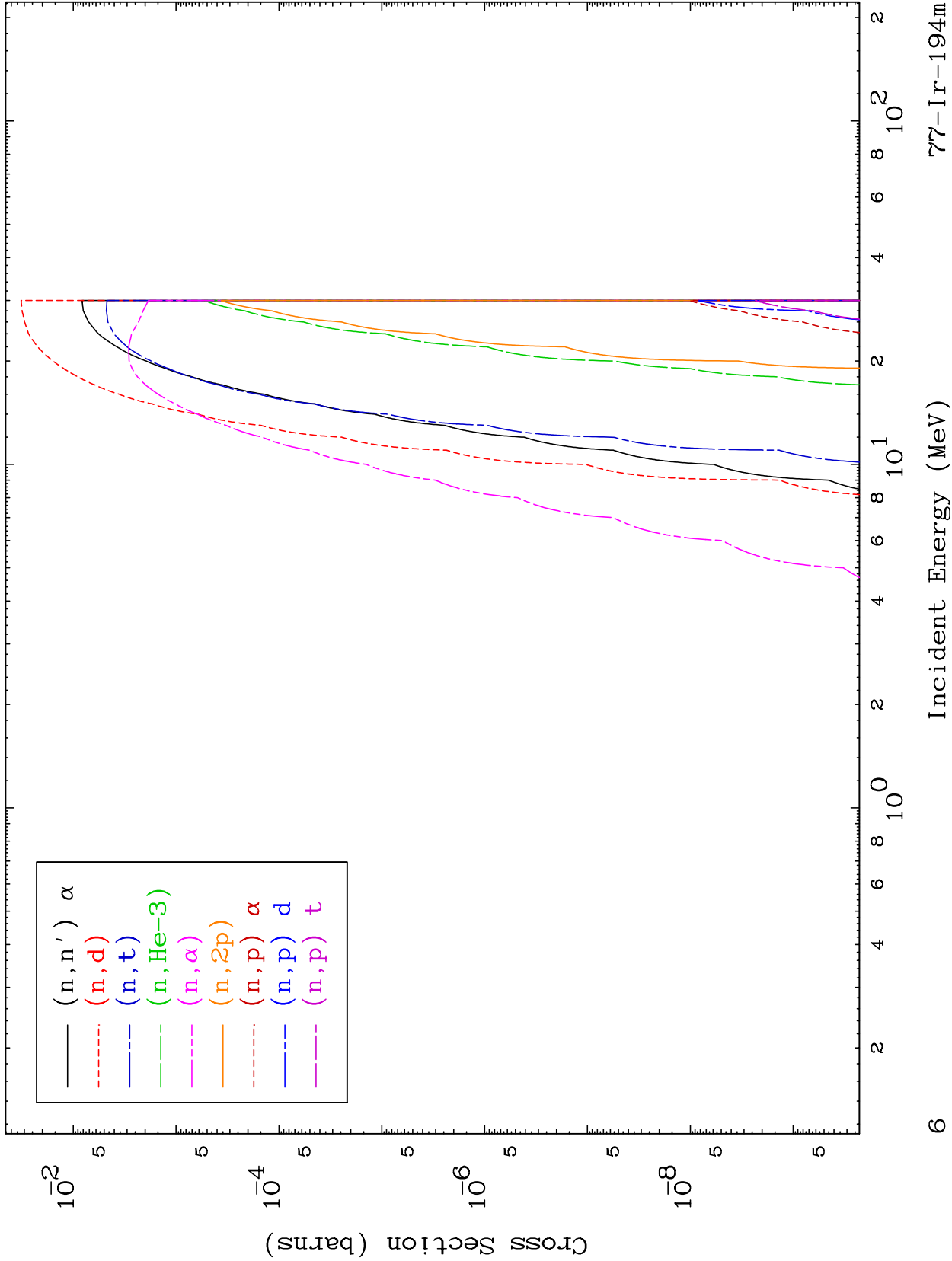
77-Ir-194m



MAT 7735

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-194m

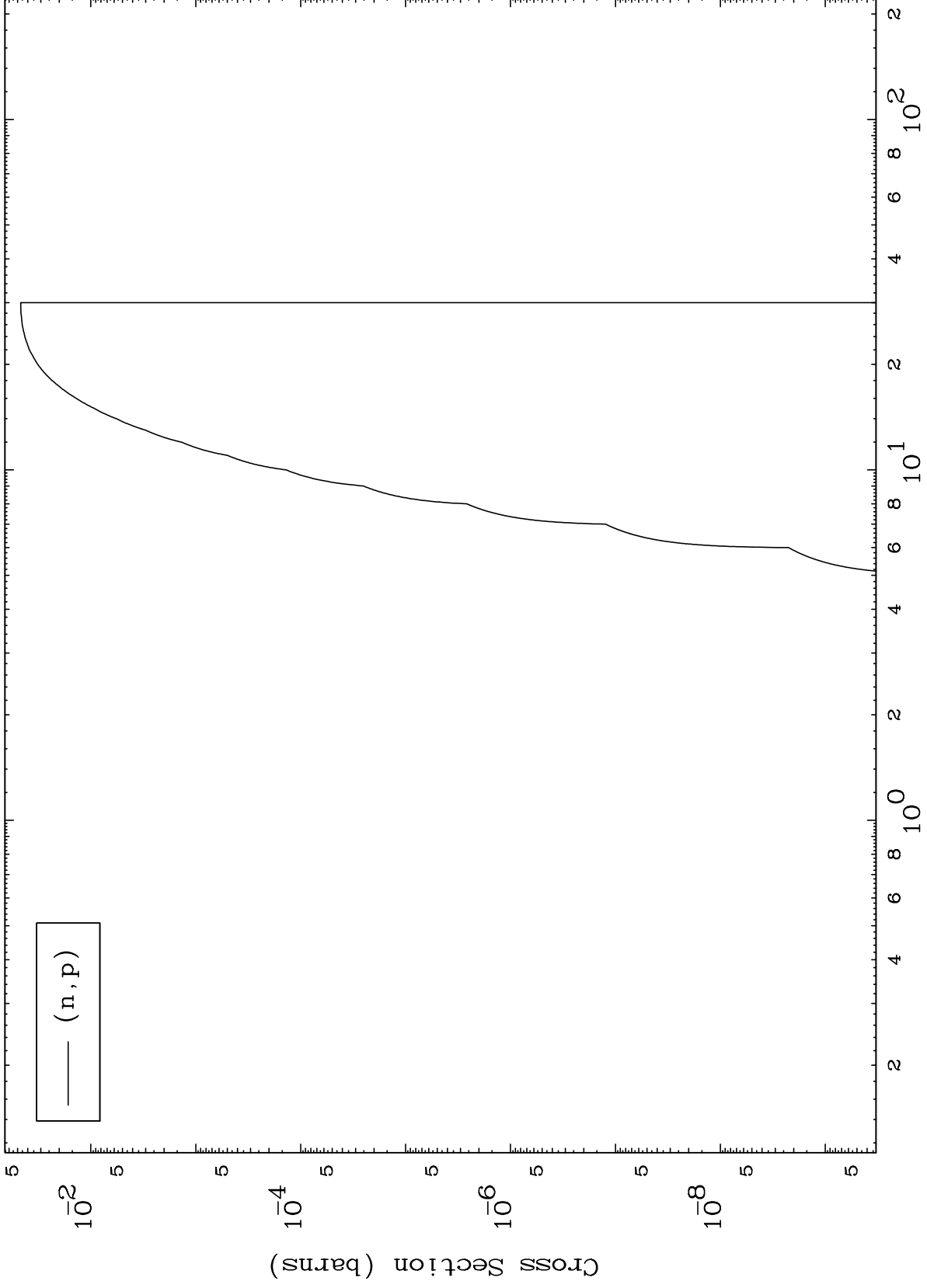


MAT 7735

(p,p) Levels

77-Ir-194m

0 Kelvin Cross Sections



7

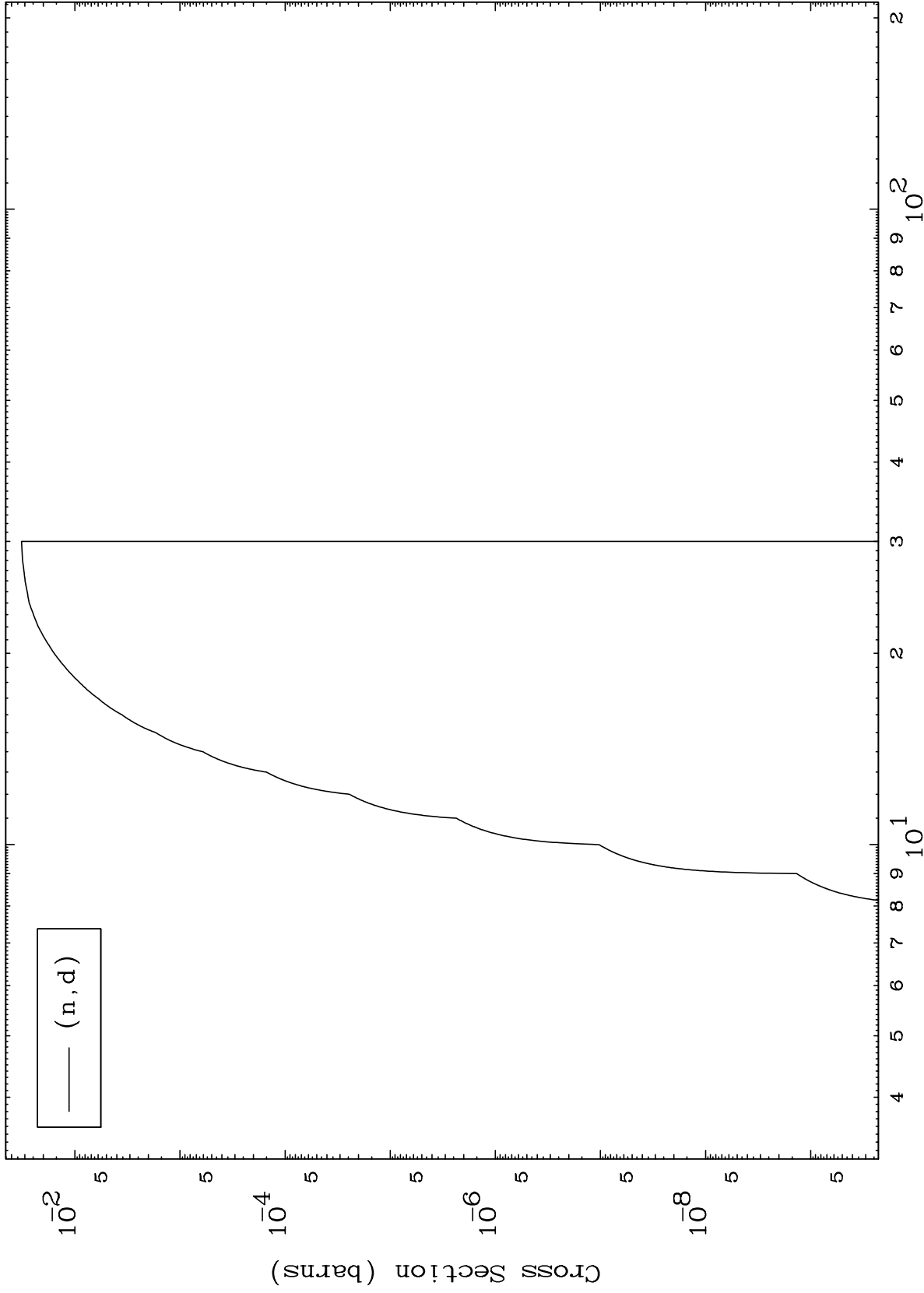
Incident Energy (MeV)

77-Ir-194m

MAT 7735

(p,d) Levels
0 Kelvin Cross Sections

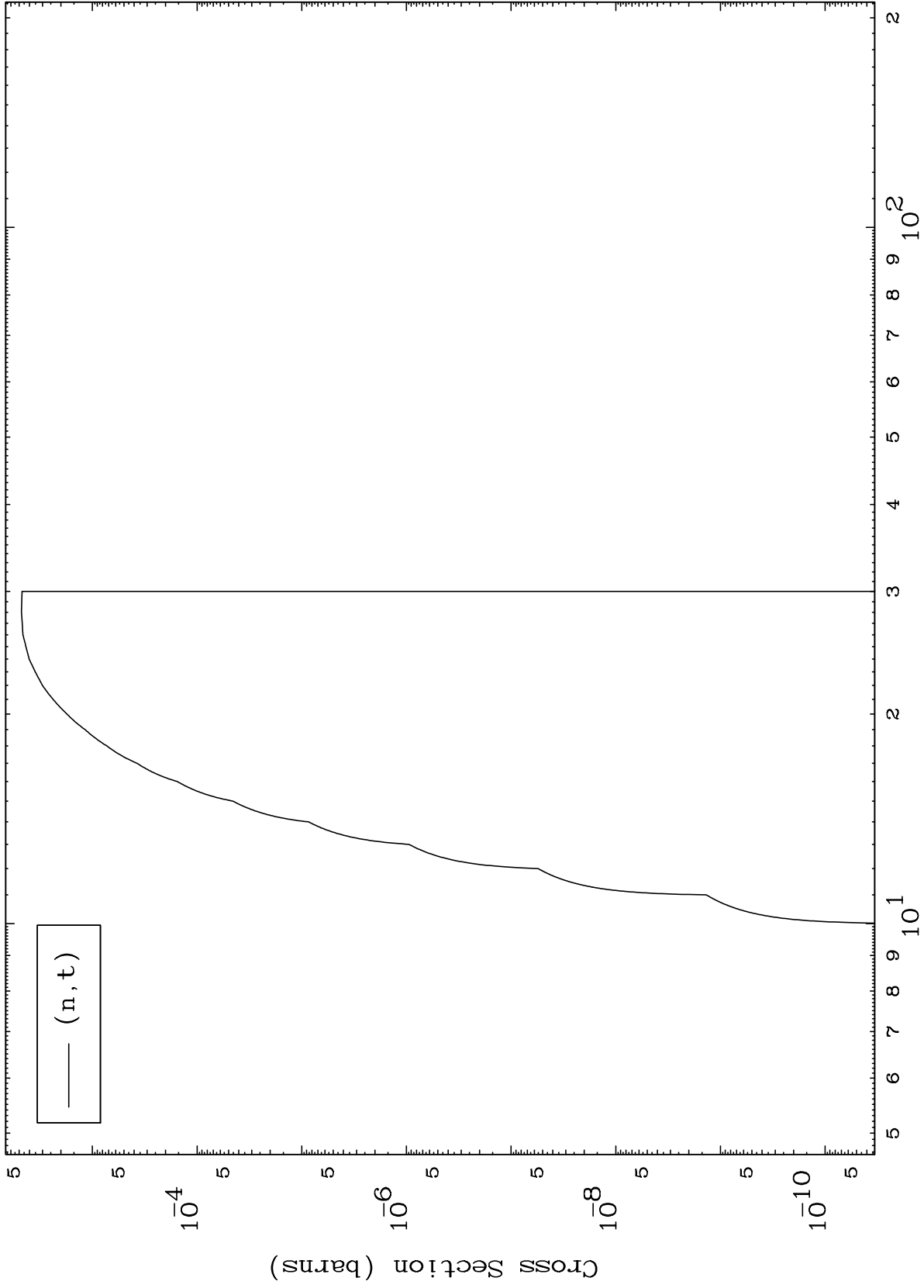
77-Ir-194m



MAT 7735

(p,t) Levels
0 Kelvin Cross Sections

77-Ir-194m



9

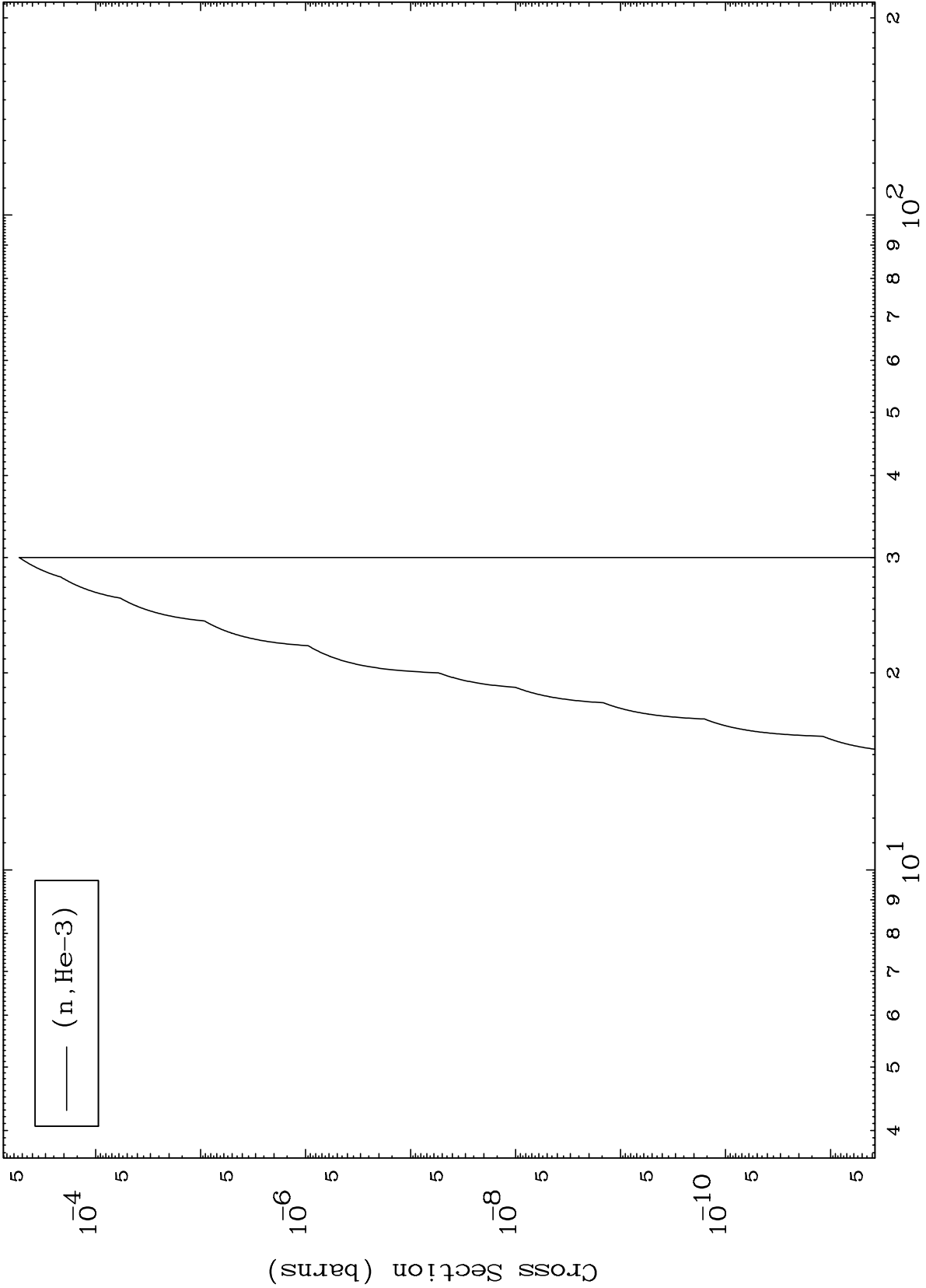
Incident Energy (MeV)

77-Ir-194m

MAT 7735

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-194m



10

Incident Energy (MeV)

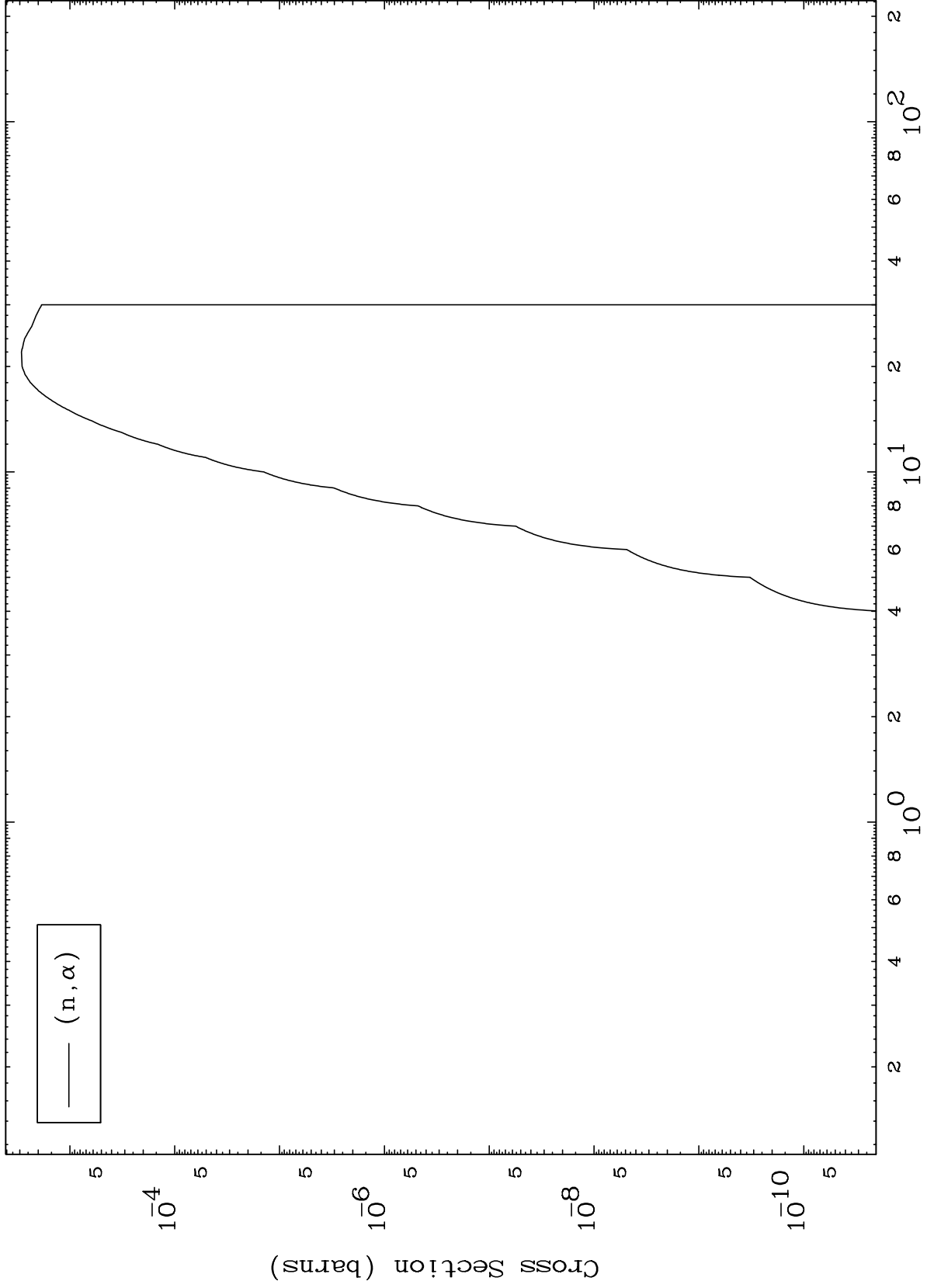
77-Ir-194m

MAT 7735

(p, α) Levels

77-Ir-194m

0 Kelvin Cross Sections

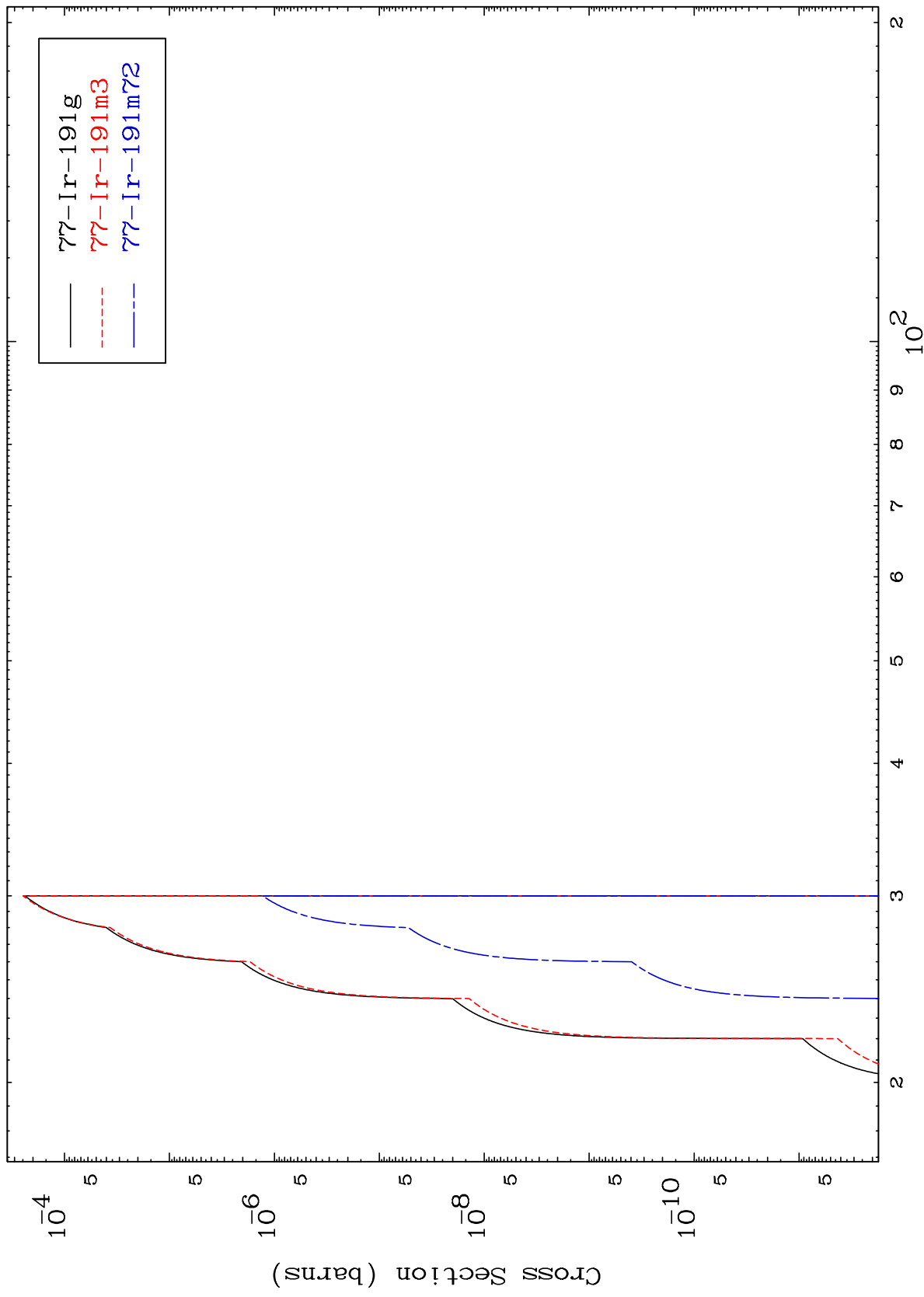


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(n,2n) d

77-Ir-194m

Radionuclide Production Cross Section



12

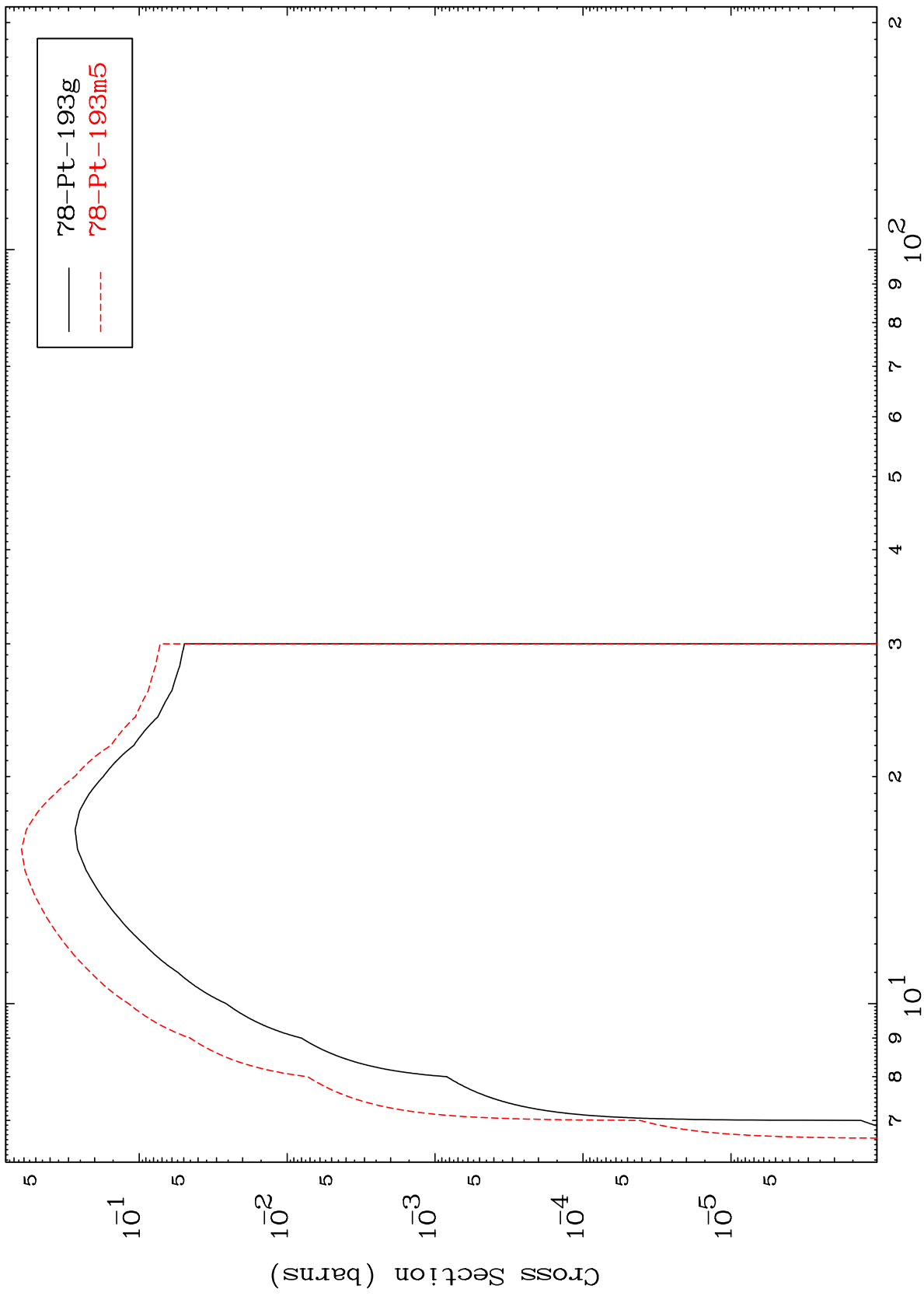
Incident Energy (MeV)

77-Ir-194m

MAT 7735

77-Ir-194m

(n,2n)
Radionuclide Production Cross Section



13

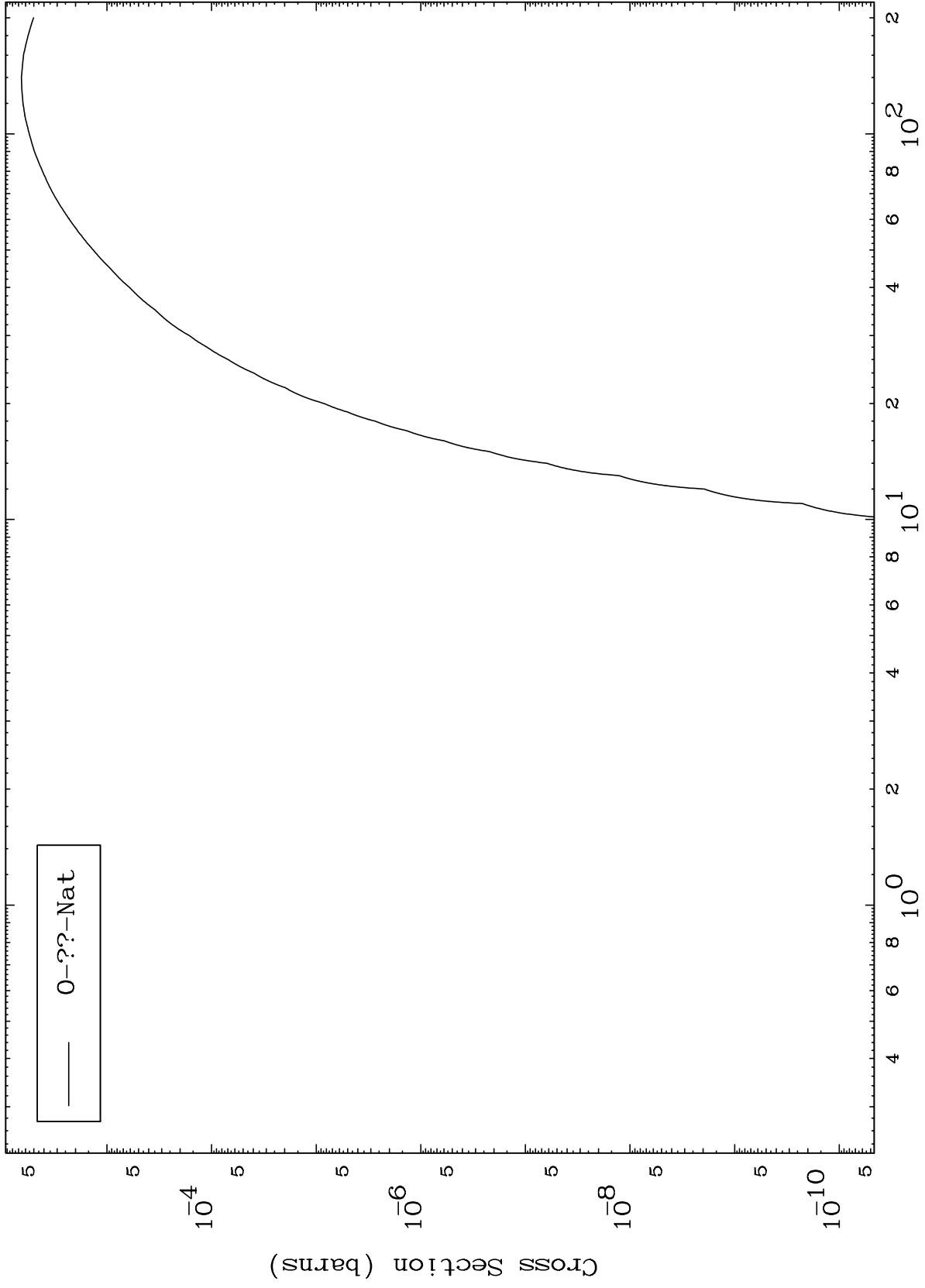
Incident Energy (MeV)

77-Ir-194m

MAT 7735

Fission
Radionuclide Production Cross Section

⁷⁷Ir-194m



14

Incident Energy (MeV)

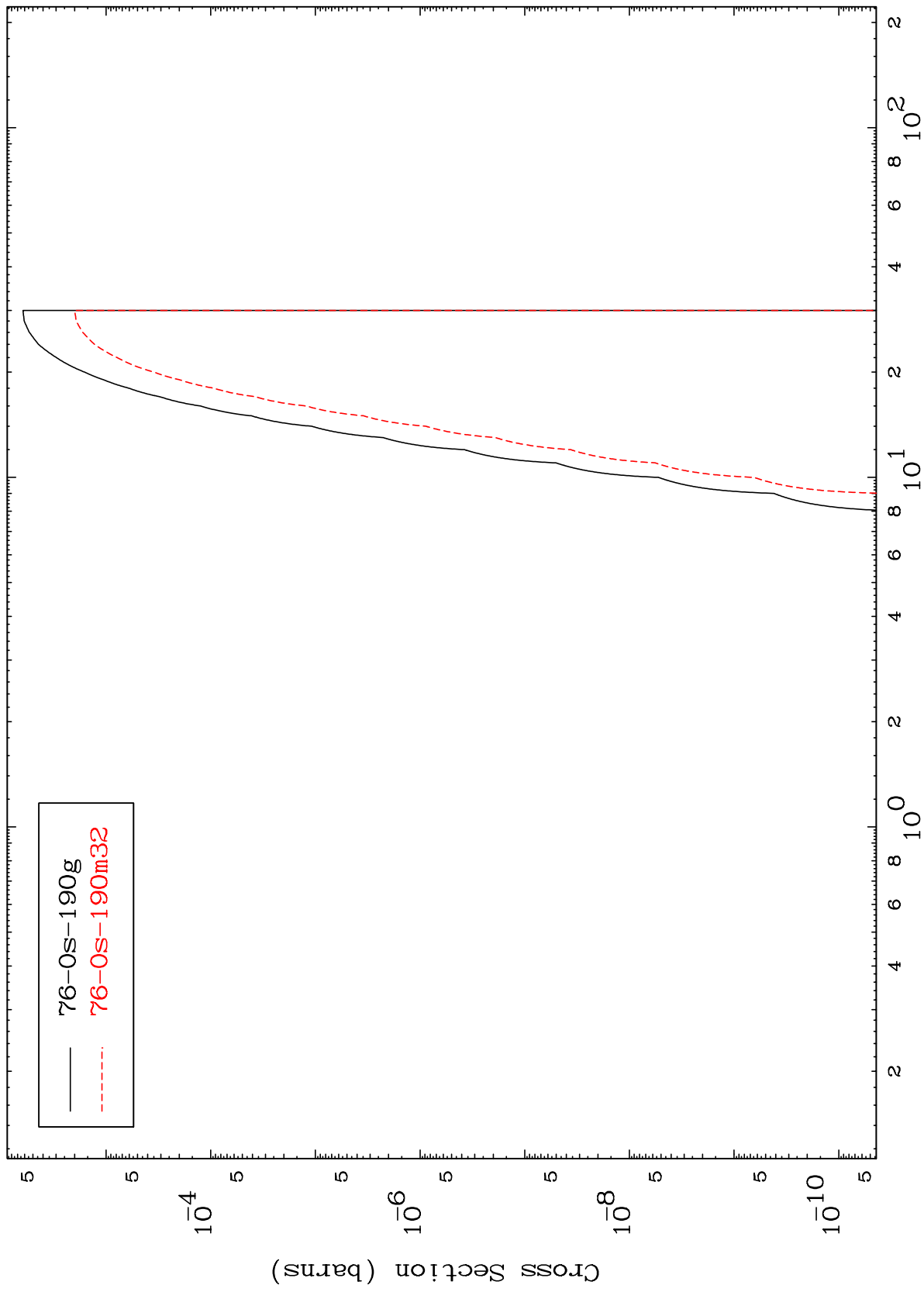
⁷⁷Ir-194m

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$(n, n') \alpha$

$^{77}\text{Ir-194m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

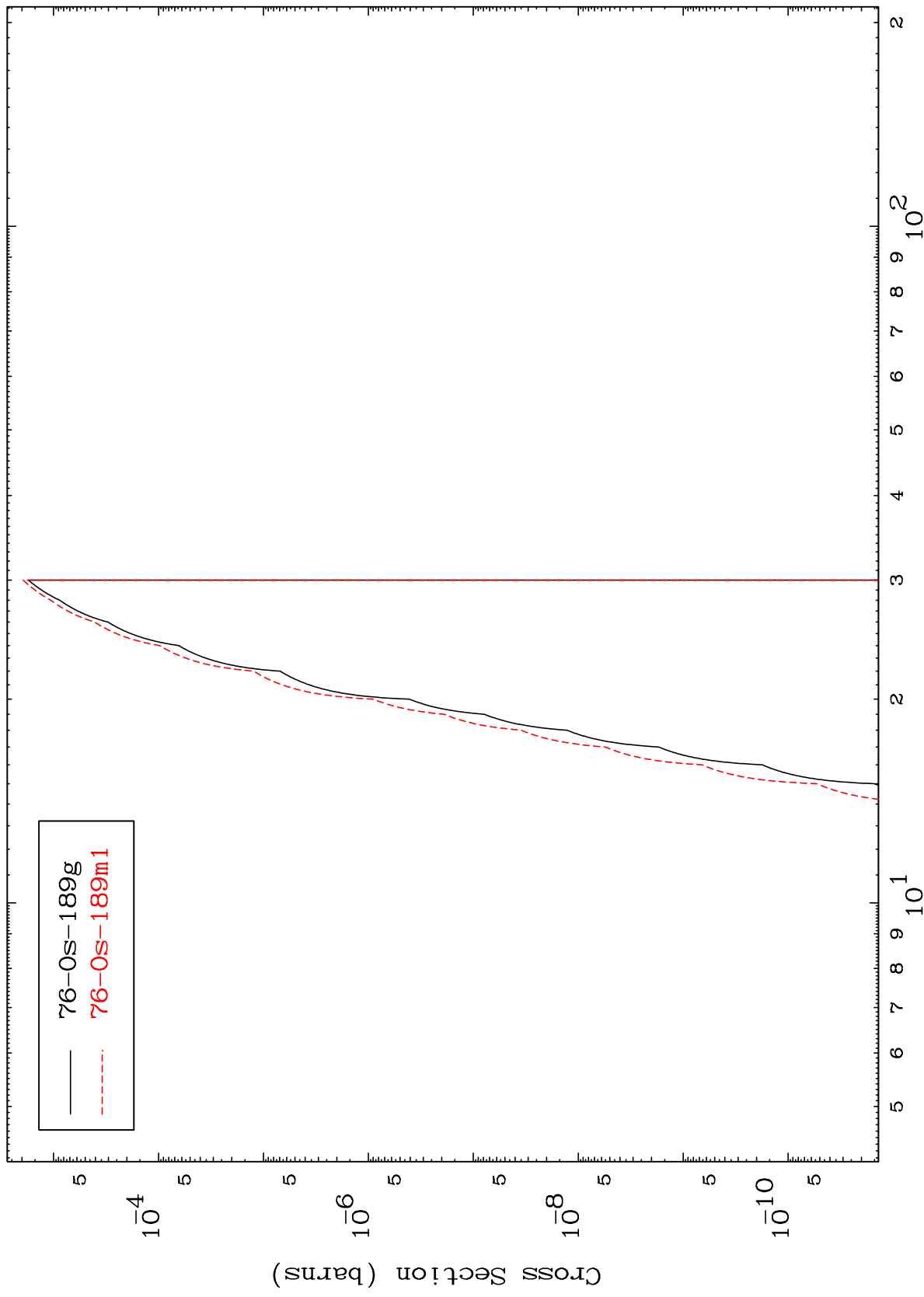
$^{77}\text{Ir-194m}$

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(n,2n) α

⁷⁷Ir-194m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

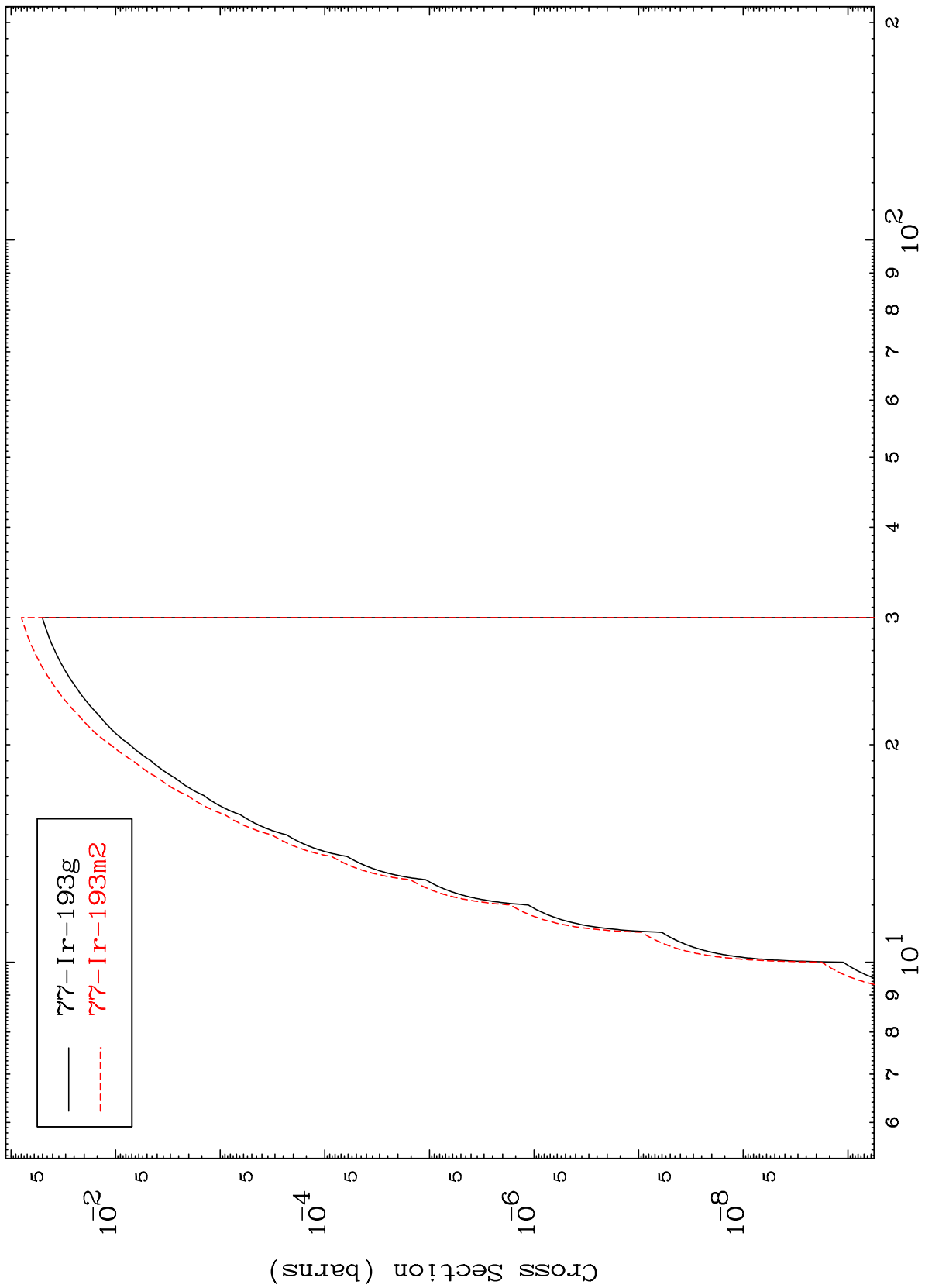
⁷⁷Ir-194m

MAT 7735

(n,n') p

⁷⁷Ir-194m

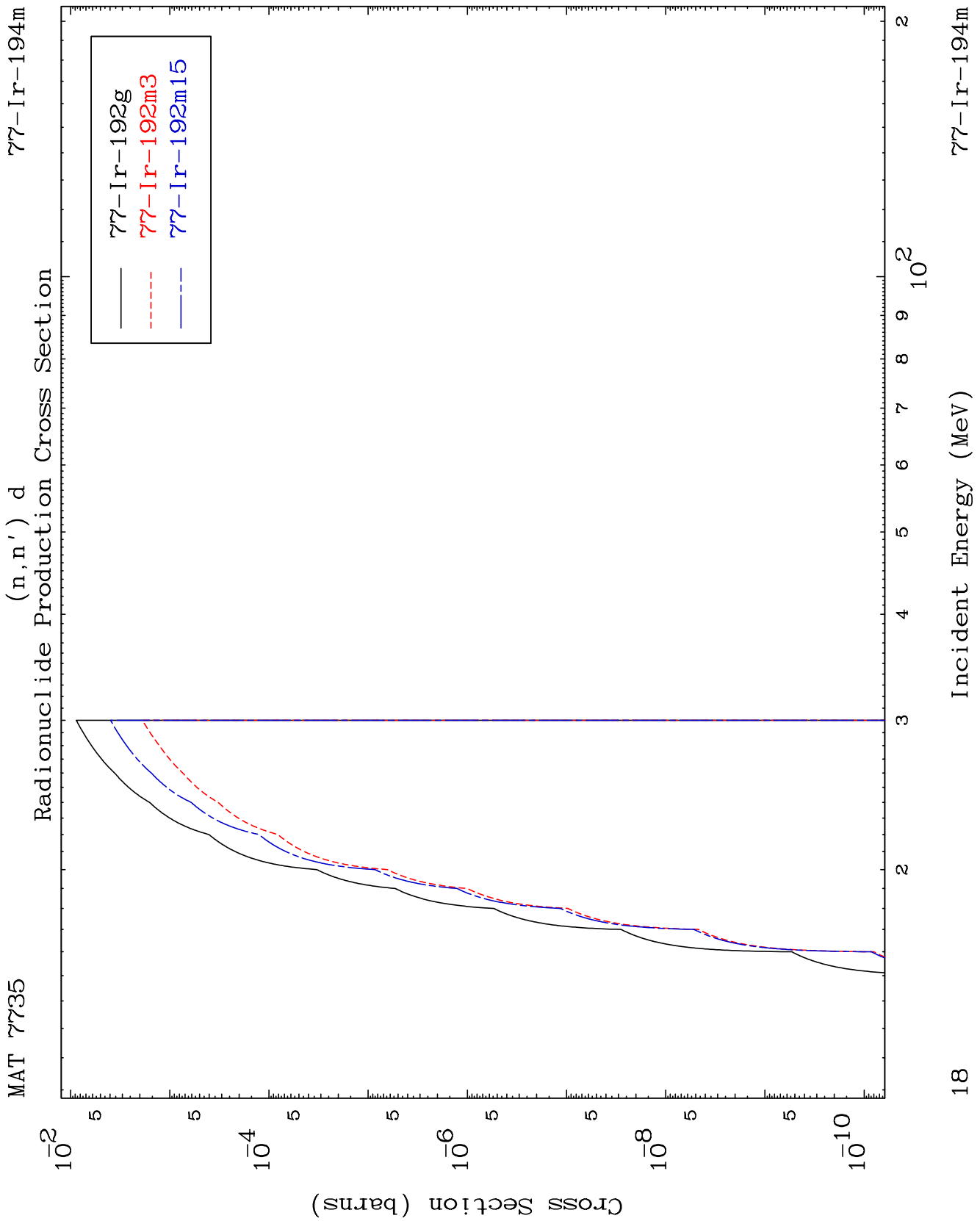
Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁷⁷Ir-194m

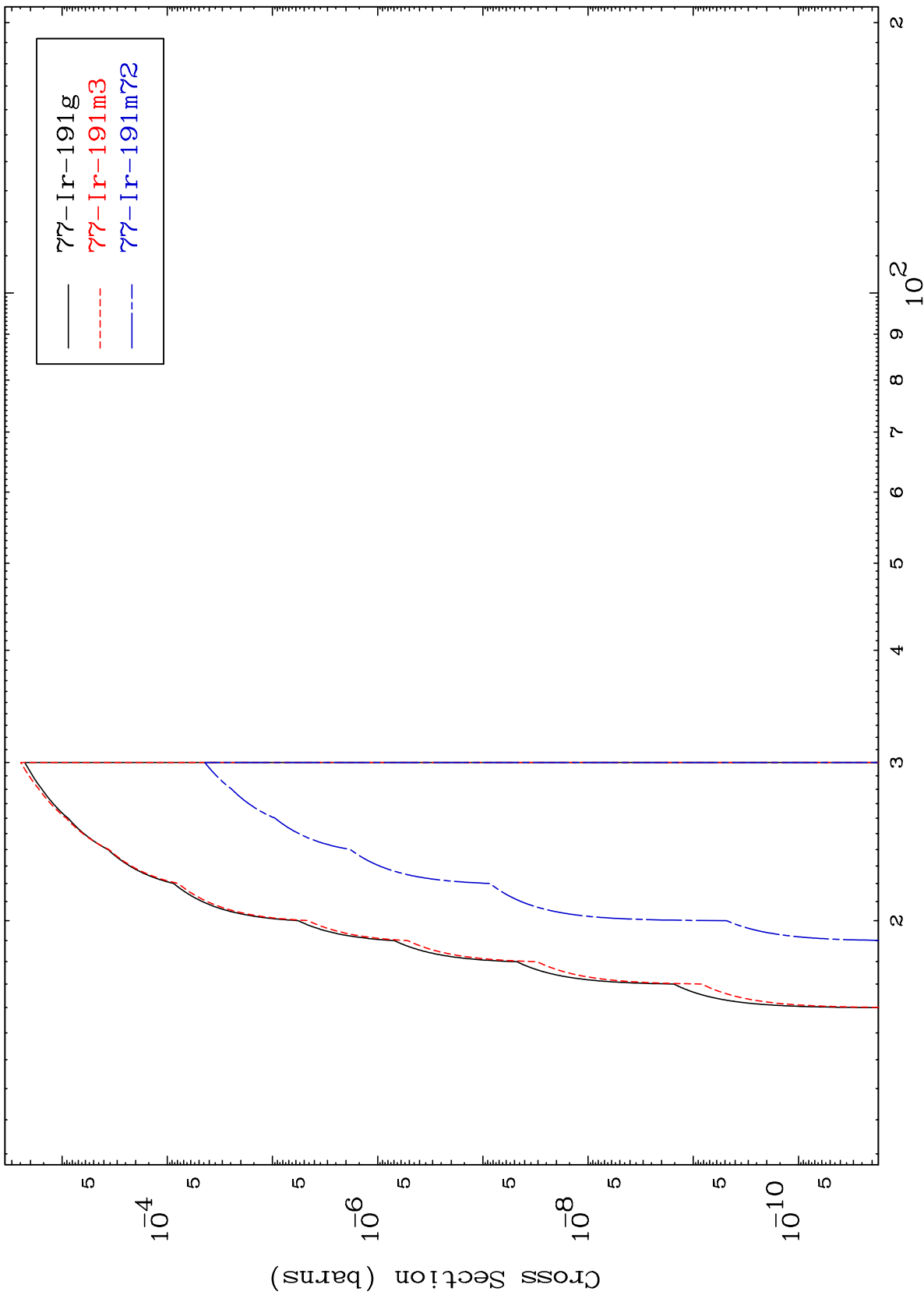


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(n,n') t

77-Ir-194m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

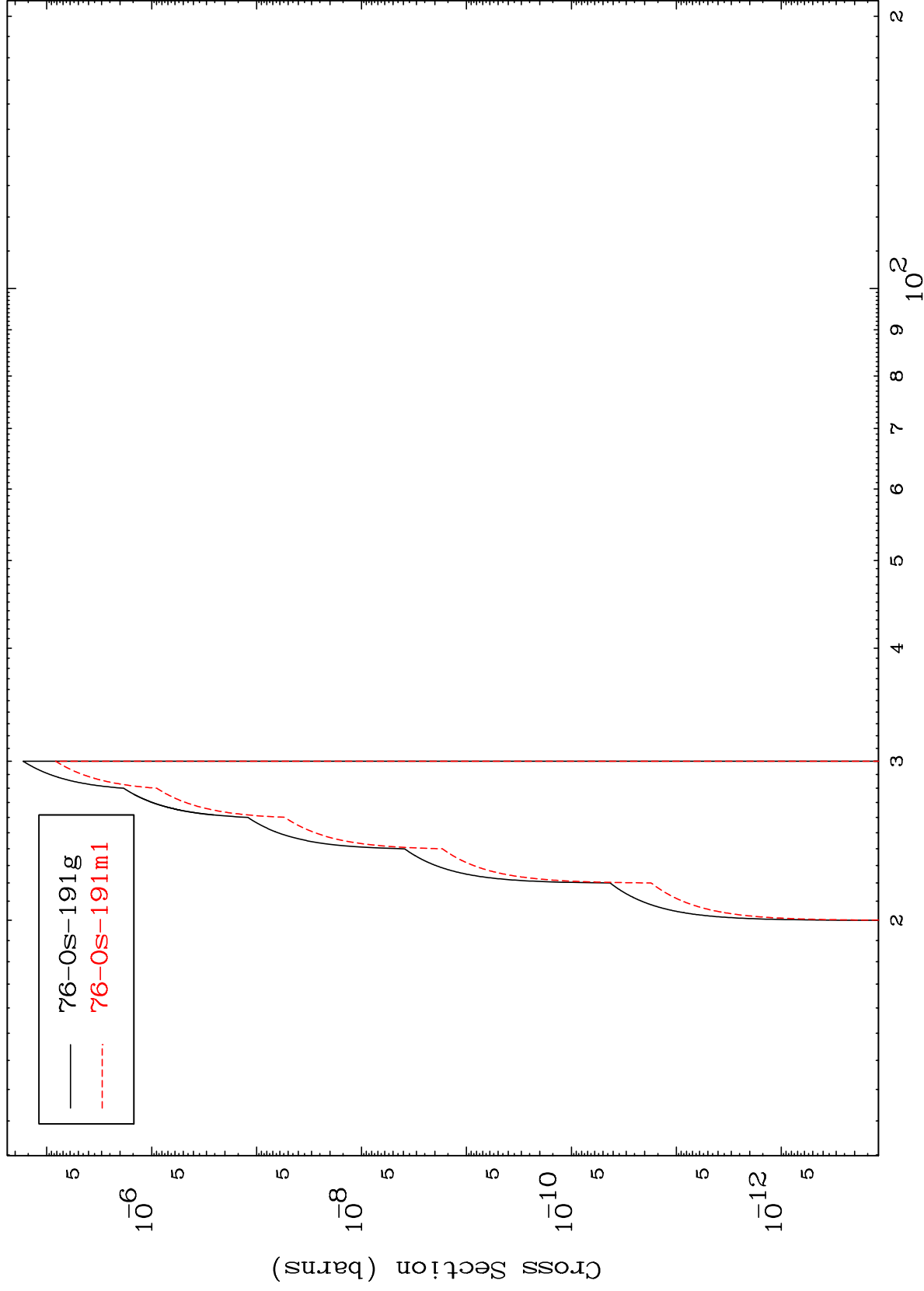
77-Ir-194m

MAT 7735

(n,n') He-3

77-Ir-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-194m

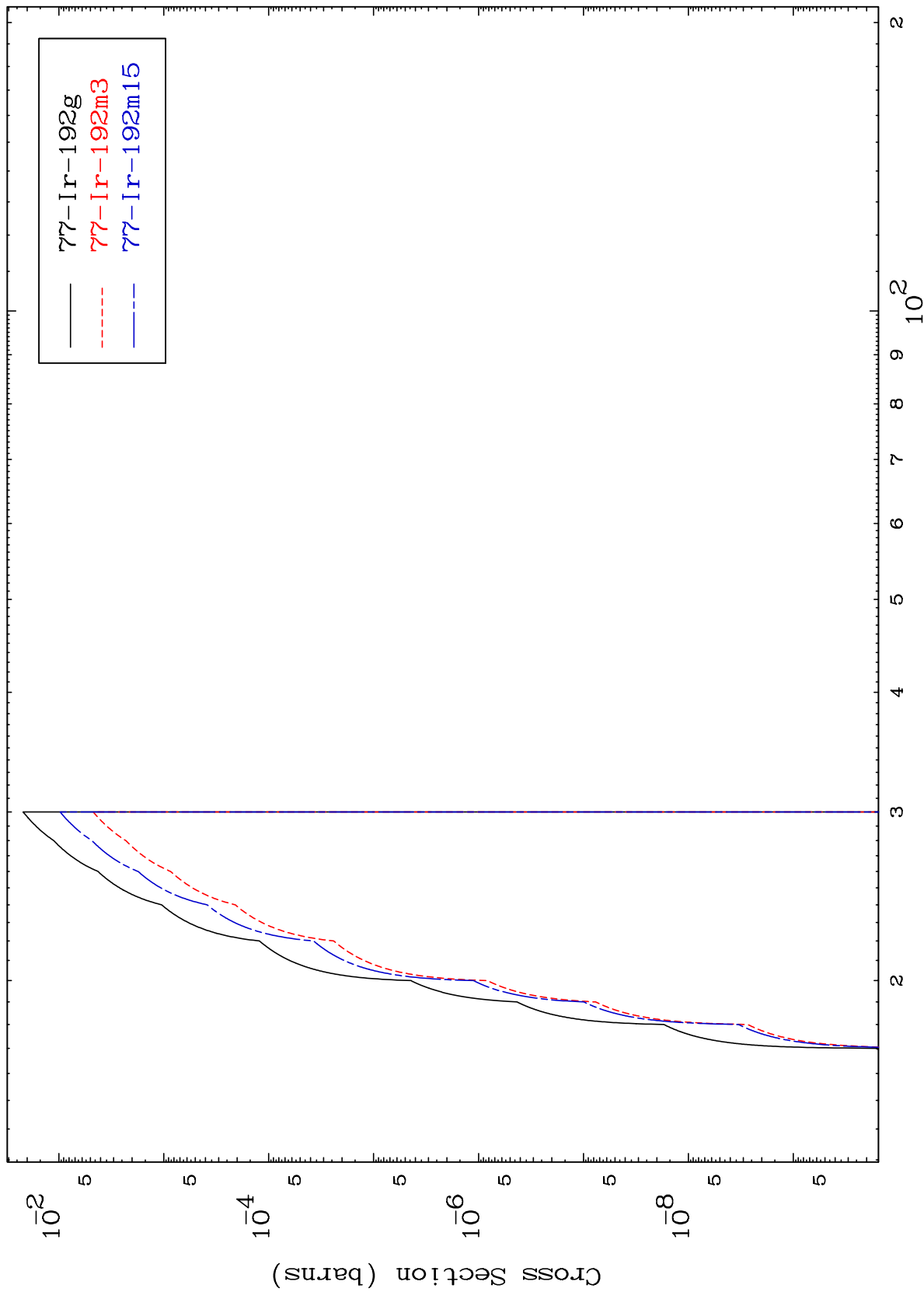
20

MAT 7735

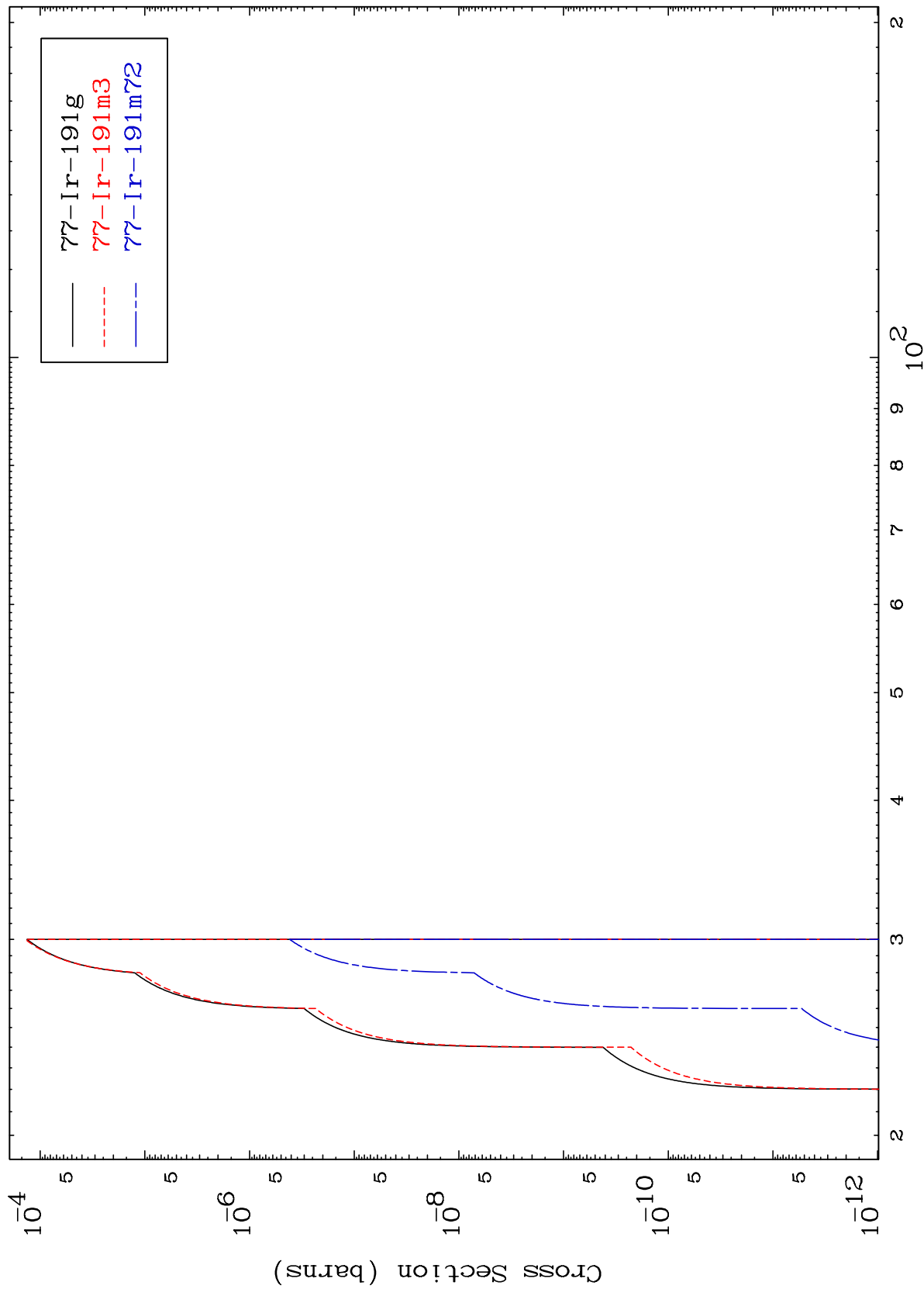
(n,2n) p

⁷⁷Ir-¹⁹⁴m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

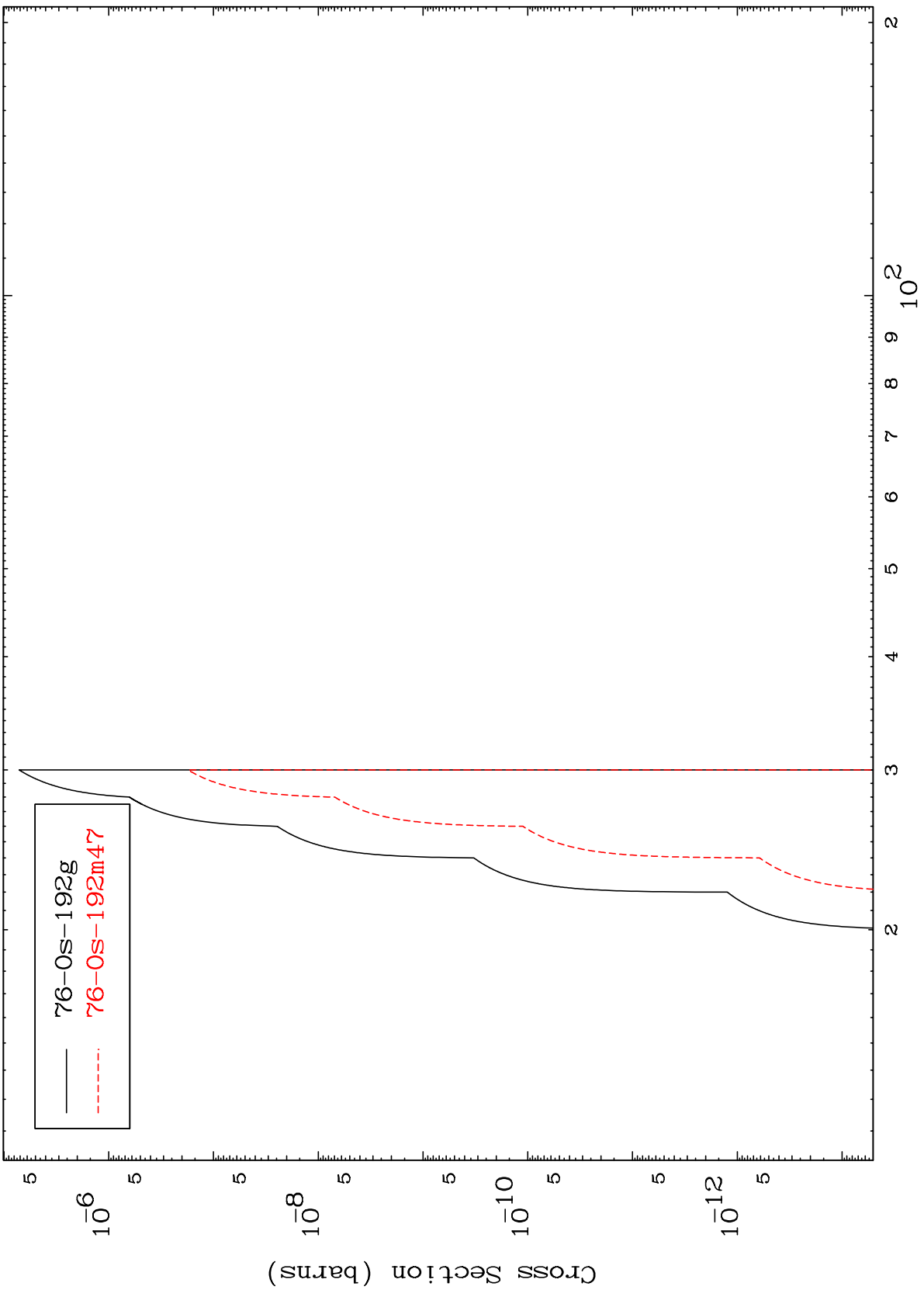


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(n,2n) p

77-Ir-194m

Radionuclide Production Cross Section



23

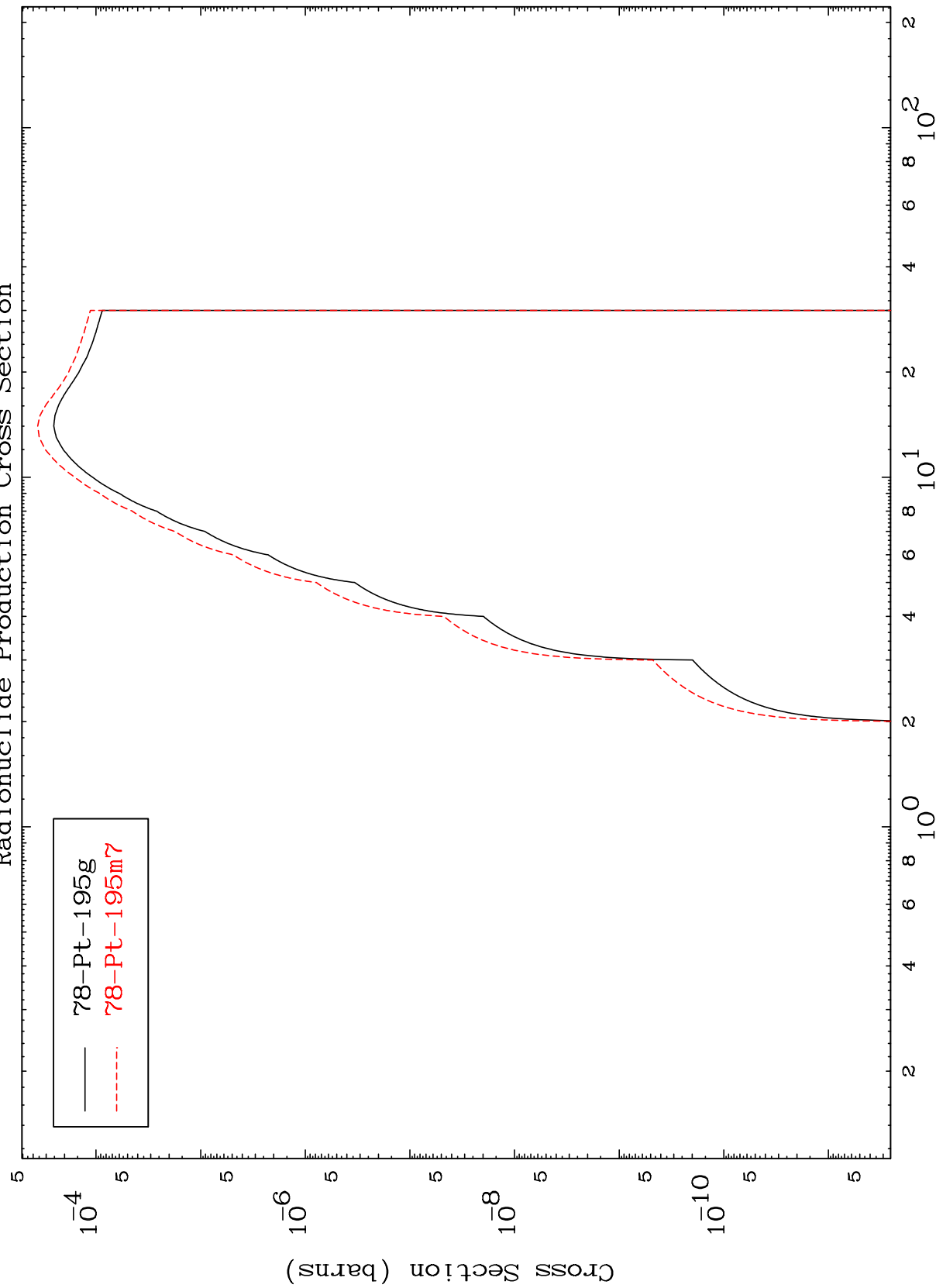
Incident Energy (MeV)

77-Ir-194m

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77-Ir-194m

Radionuclide Production Cross Section



77-Ir-194m

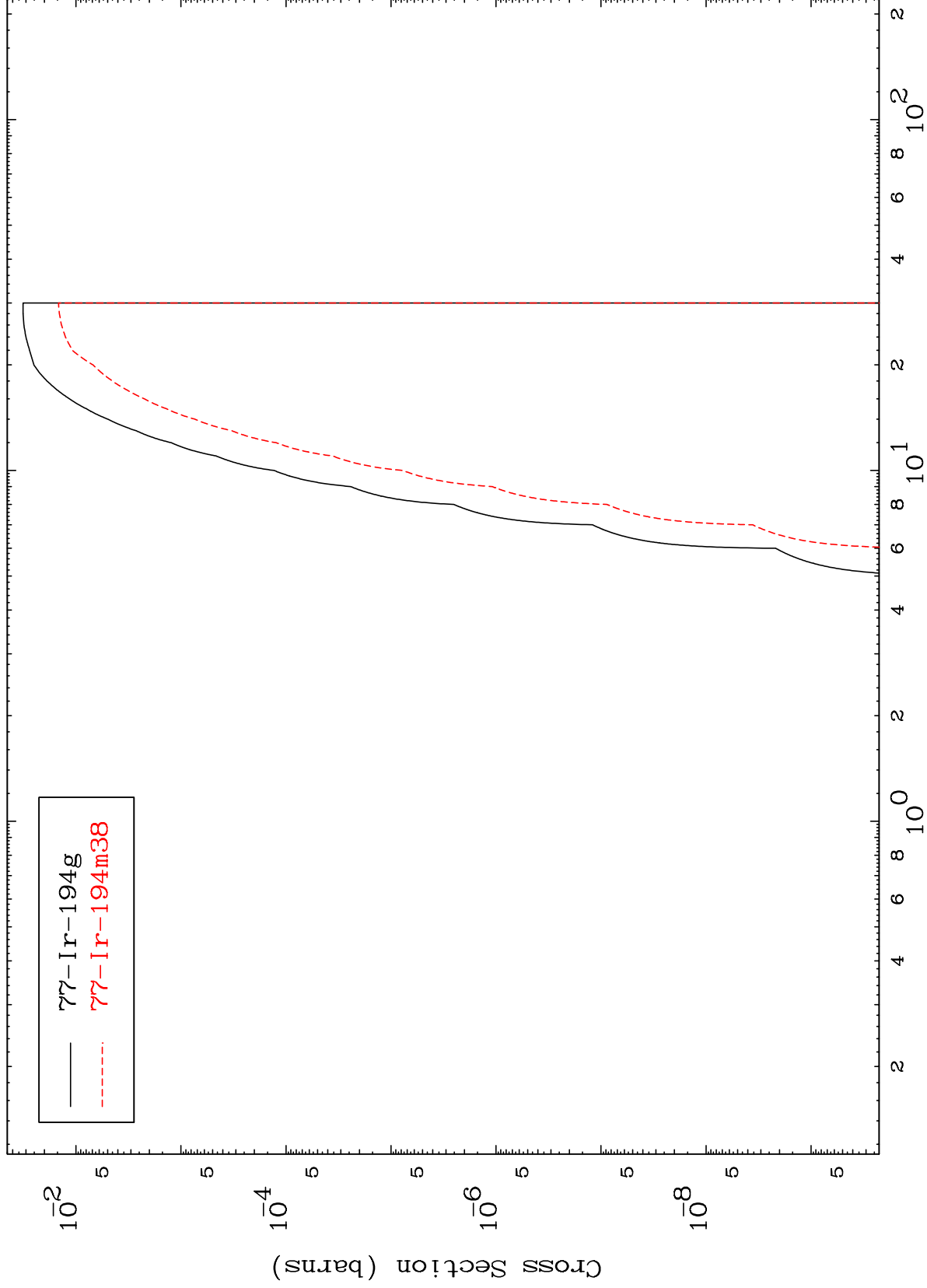
Incident Energy (MeV)

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(n,p)

⁷⁷Ir-194m

Radionuclide Production Cross Section



25

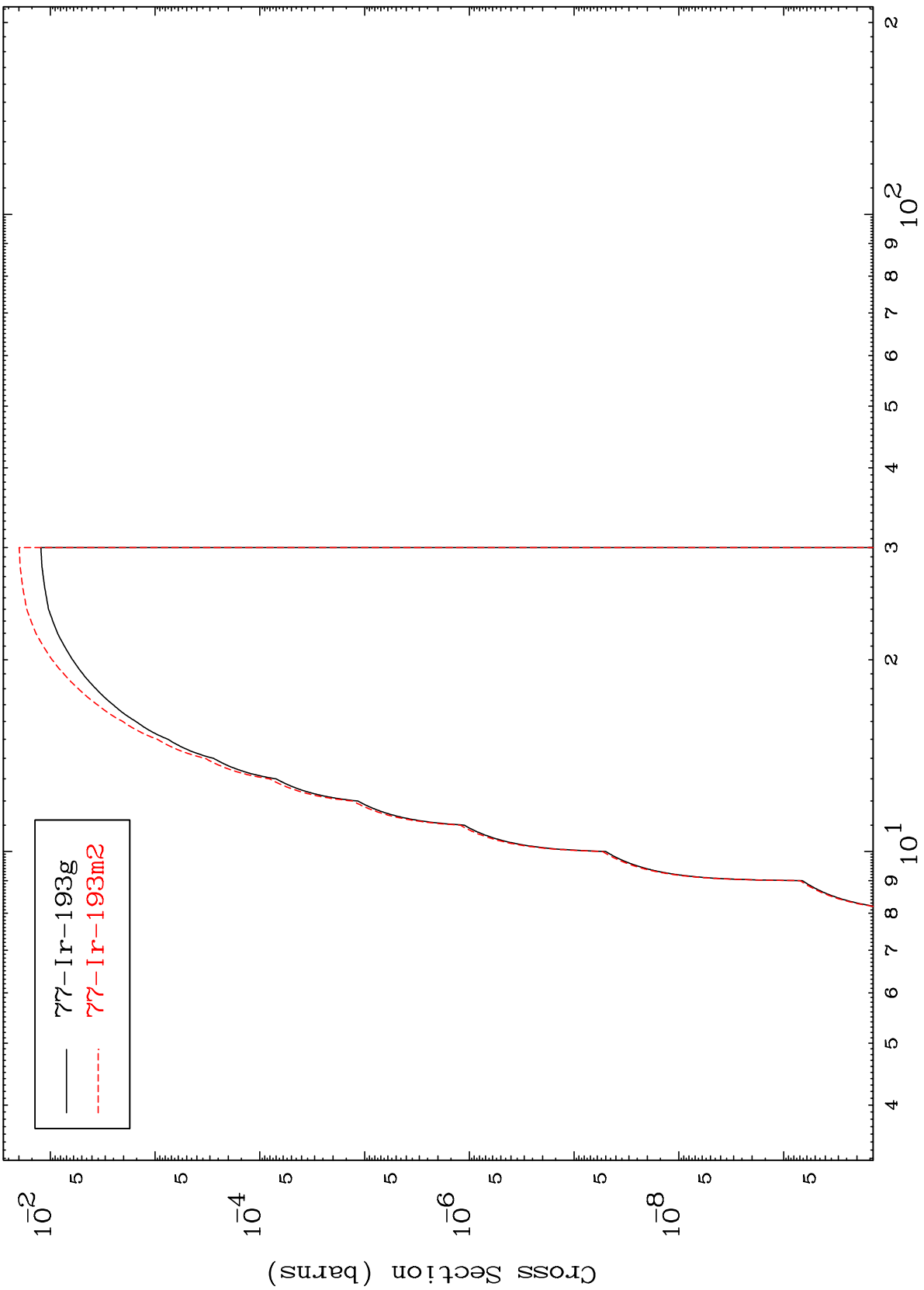
Incident Energy (MeV)

⁷⁷Ir-194m

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⁷⁷Ir-194m

Radionuclide Production Cross Section (n,d)



26

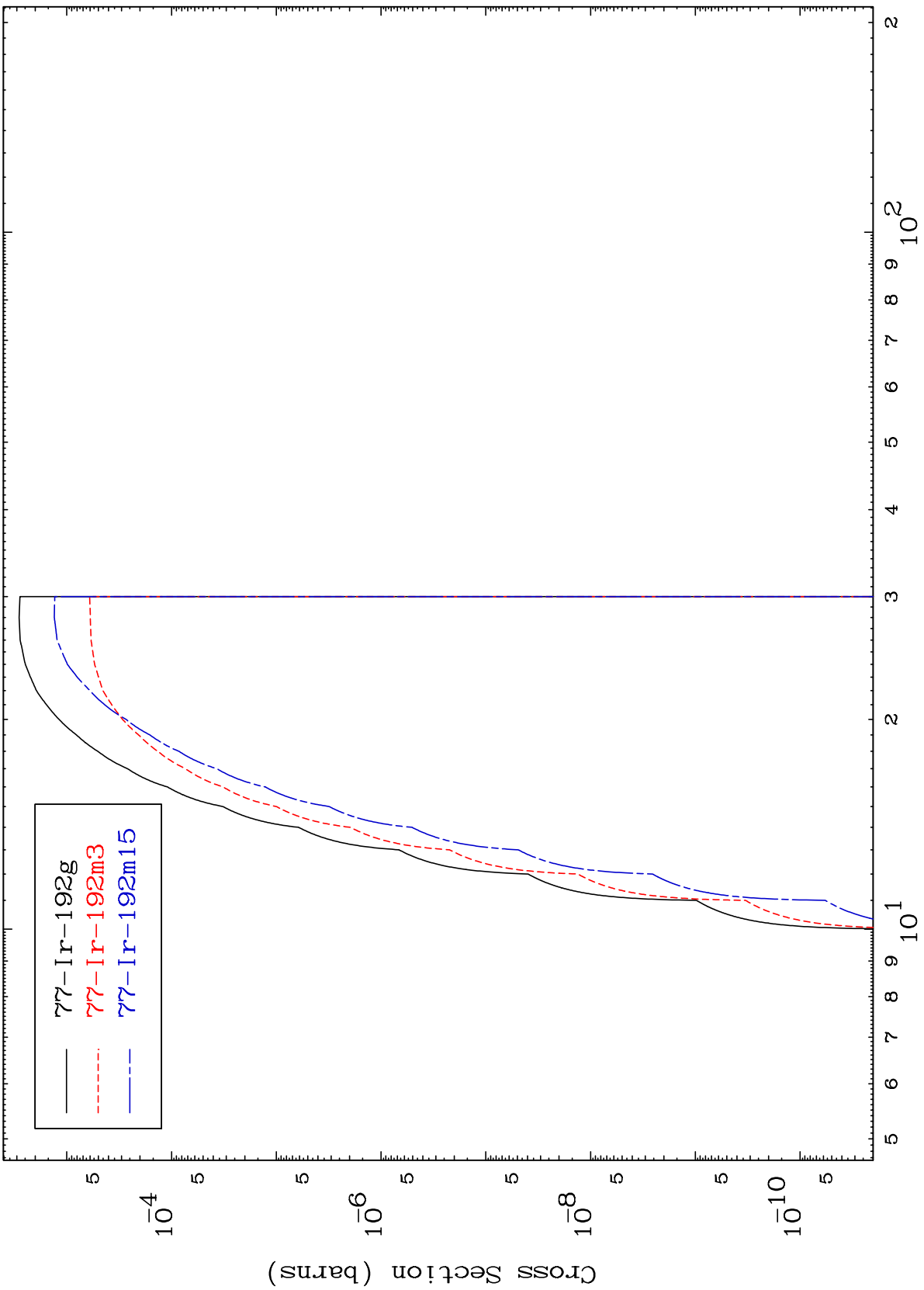
⁷⁷Ir-194m

Incident Energy (MeV)

MAT 7735

⁷⁷Ir-194m

Radionuclide Production Cross Section (n,t)



27

Incident Energy (MeV)

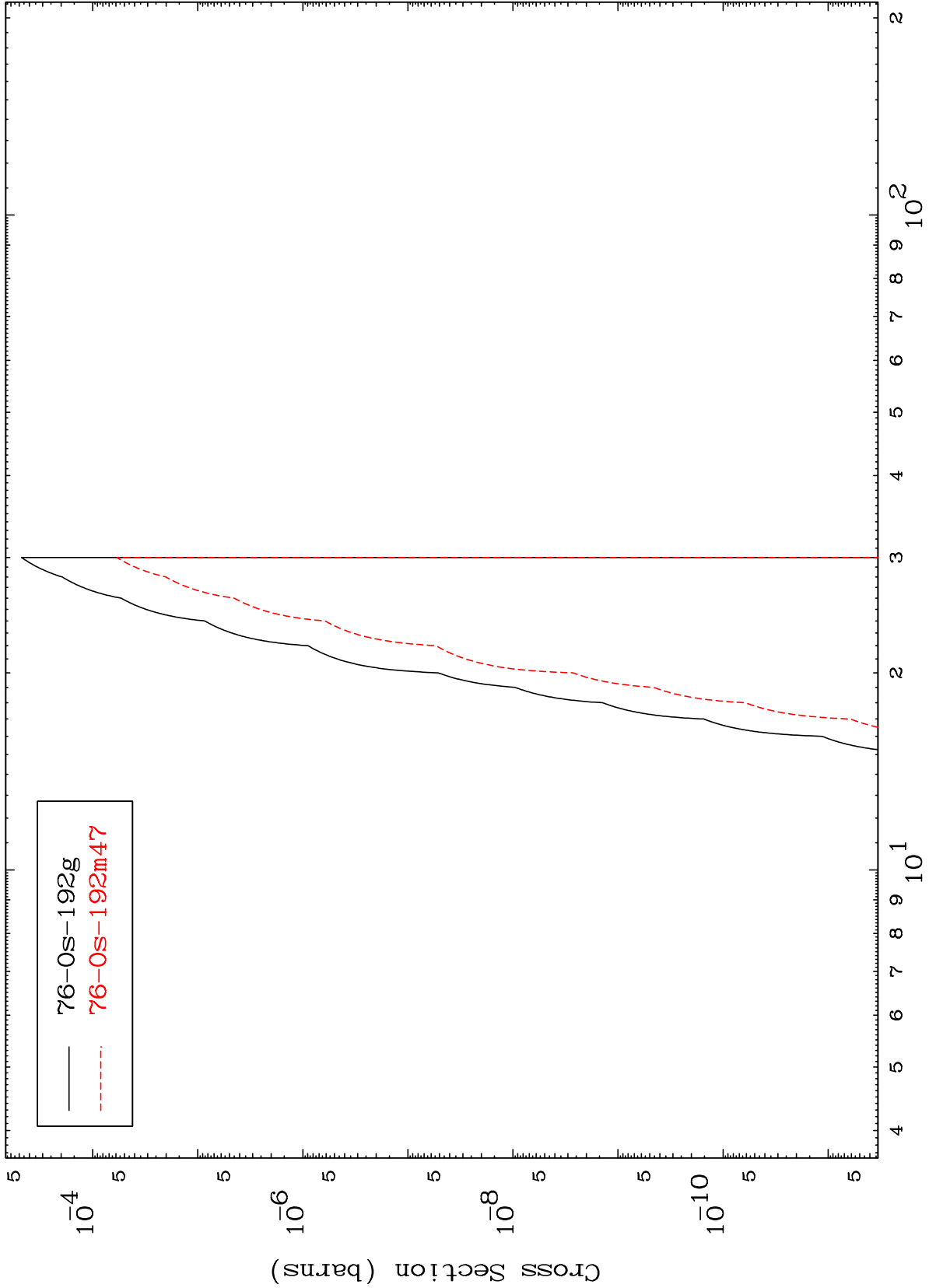
⁷⁷Ir-194m

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(n,He-3)

⁷⁷Ir-194m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

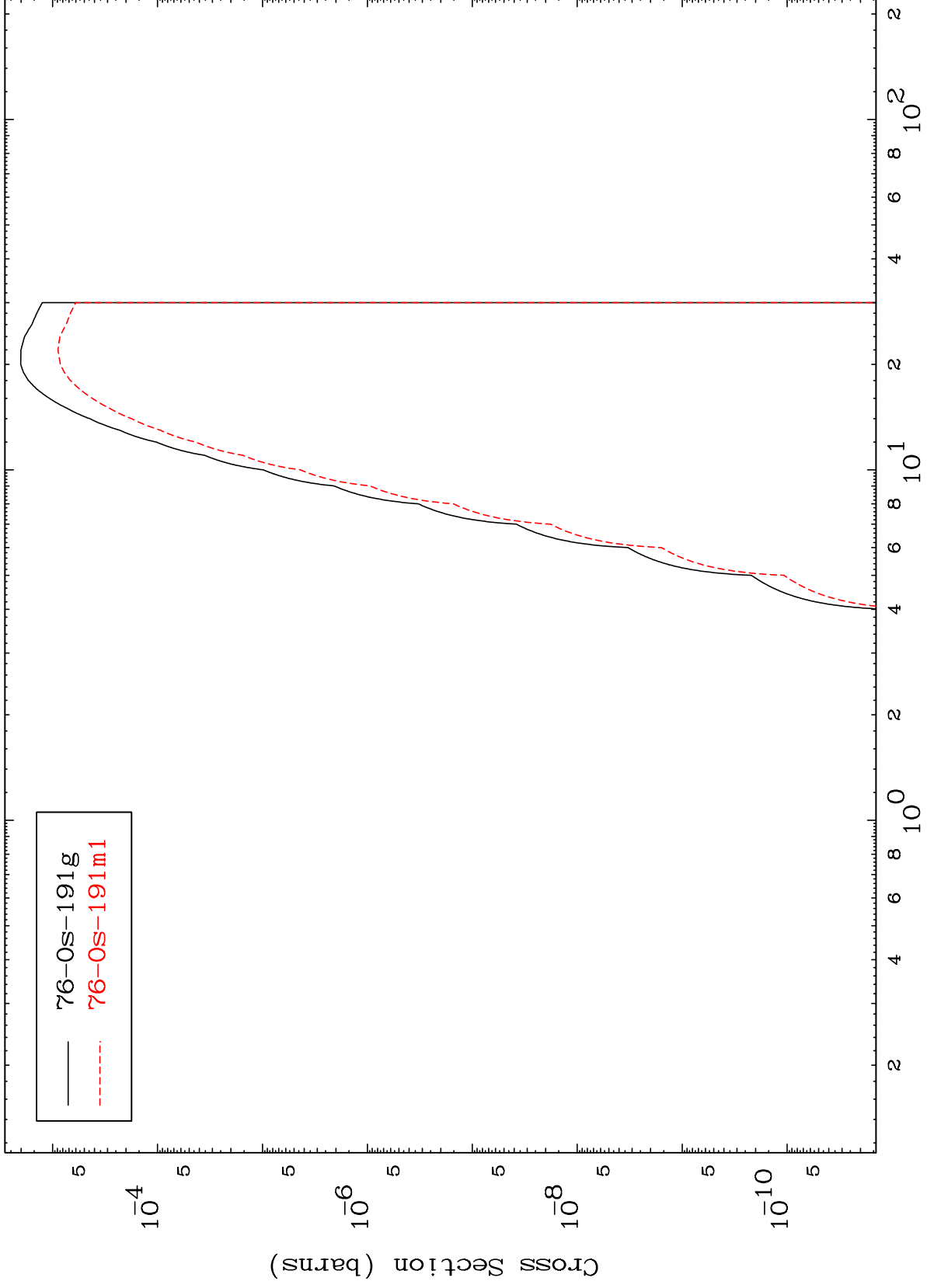
⁷⁷Ir-194m

MAT 7735

(n, α)

⁷⁷Ir-194m

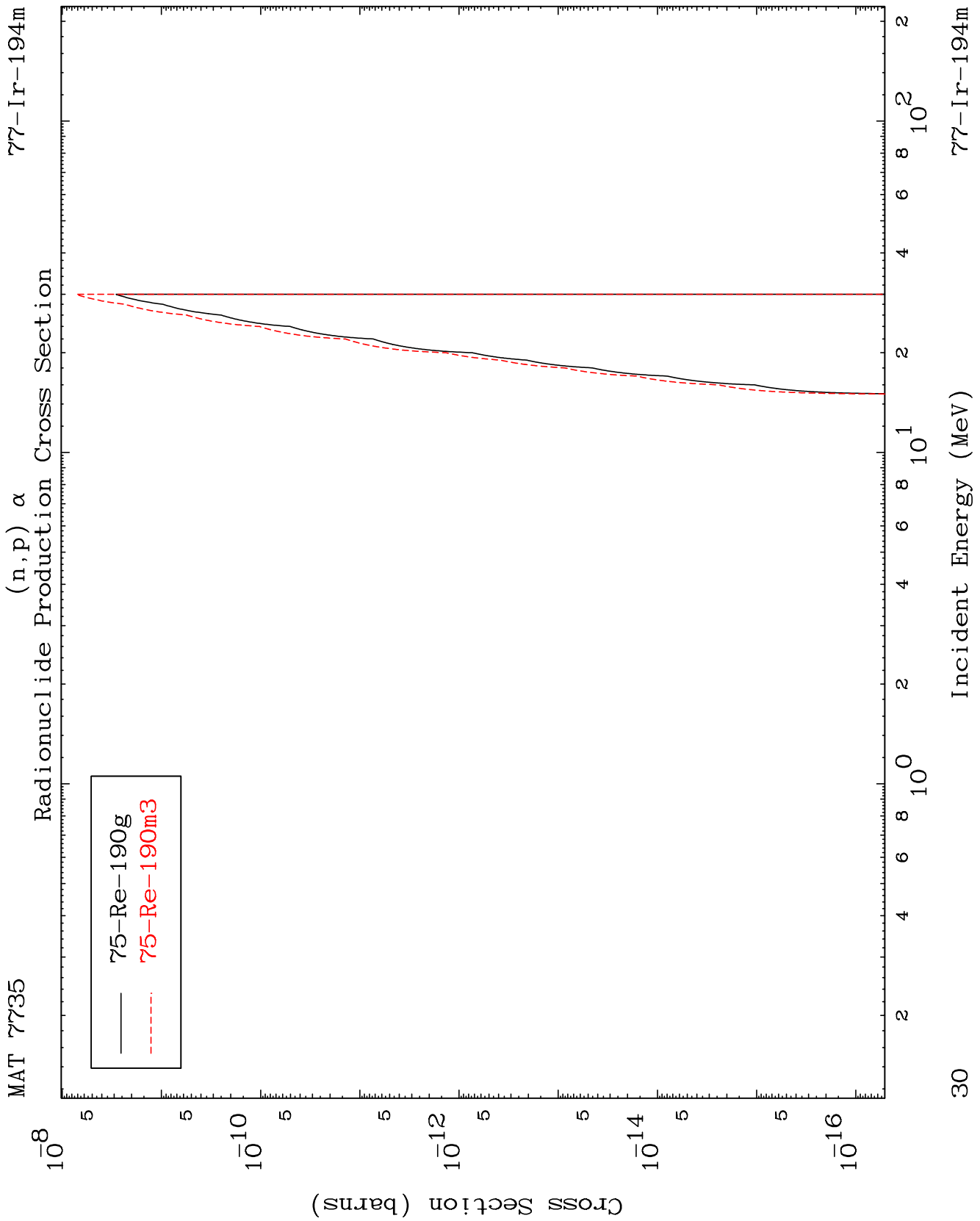
Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷⁷Ir-194m

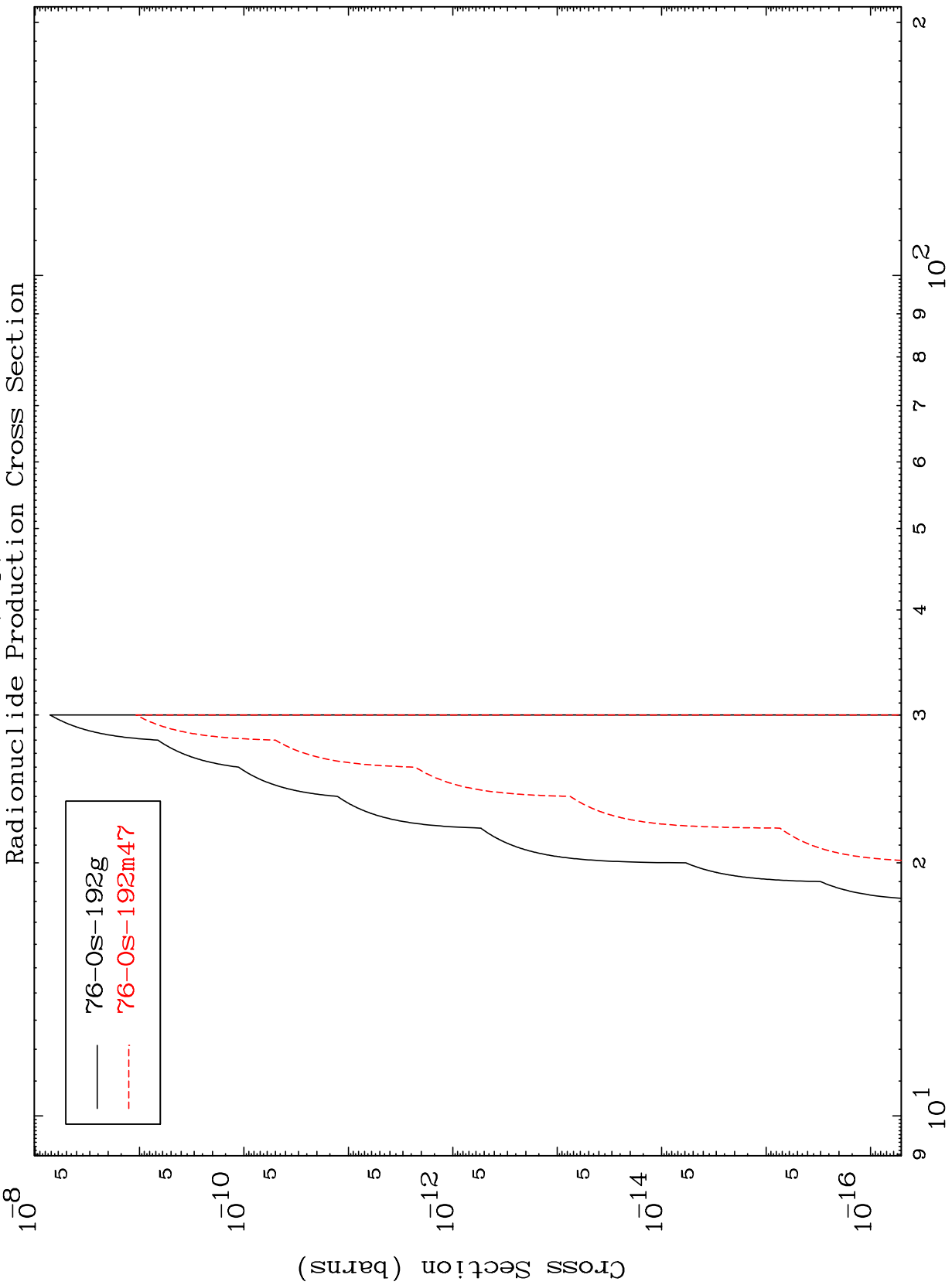


MAT 7735

(n,p) d

77-Ir-194m

Radionuclide Production Cross Section



76-Os-192g
76-Os-192m47

Incident Energy (MeV)

77-Ir-194m

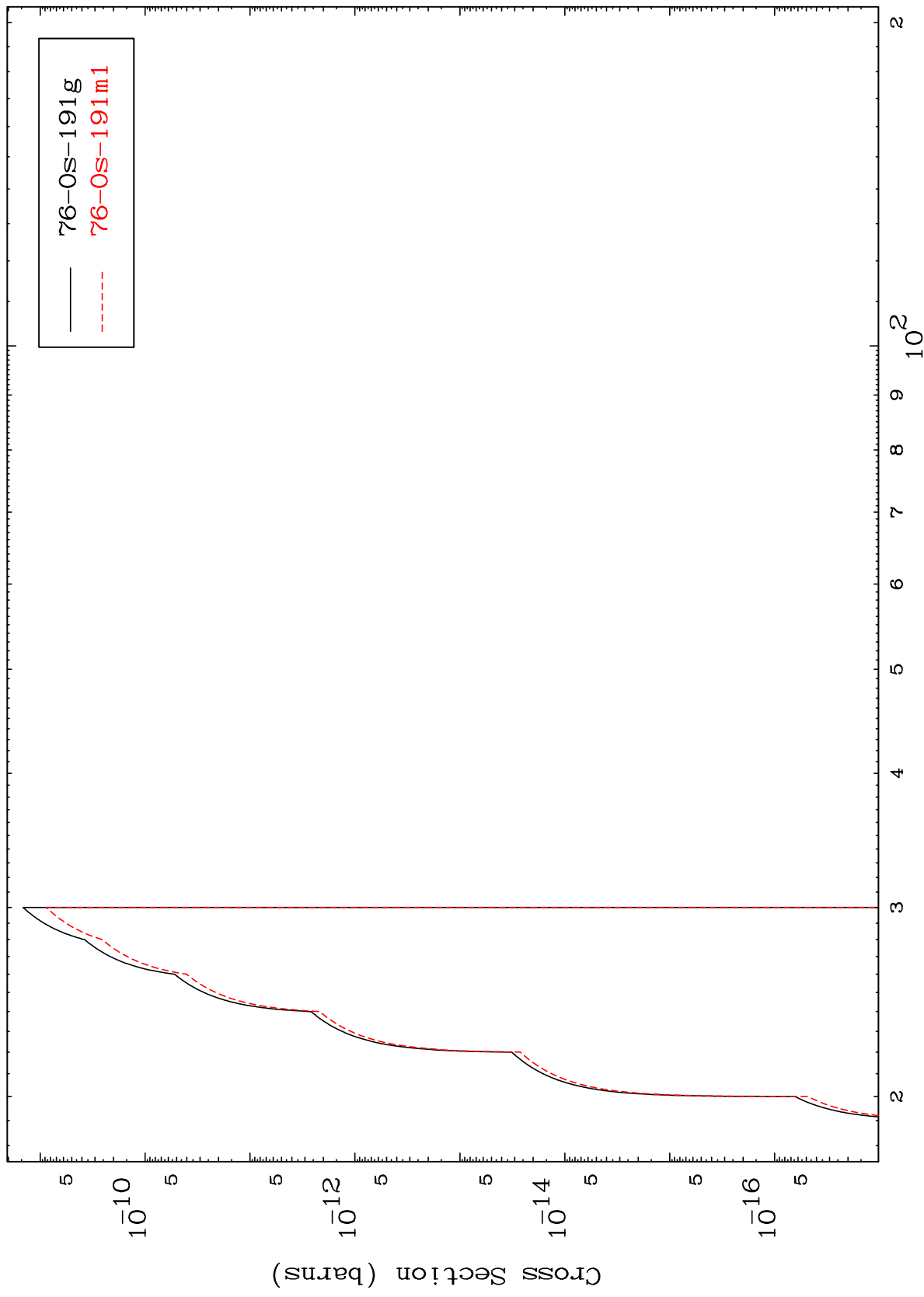
31

MAT 7735

(n,p) t

77-Ir-194m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

77-Ir-194m