

Program EVALPLOT
(Version 2021-1)

by

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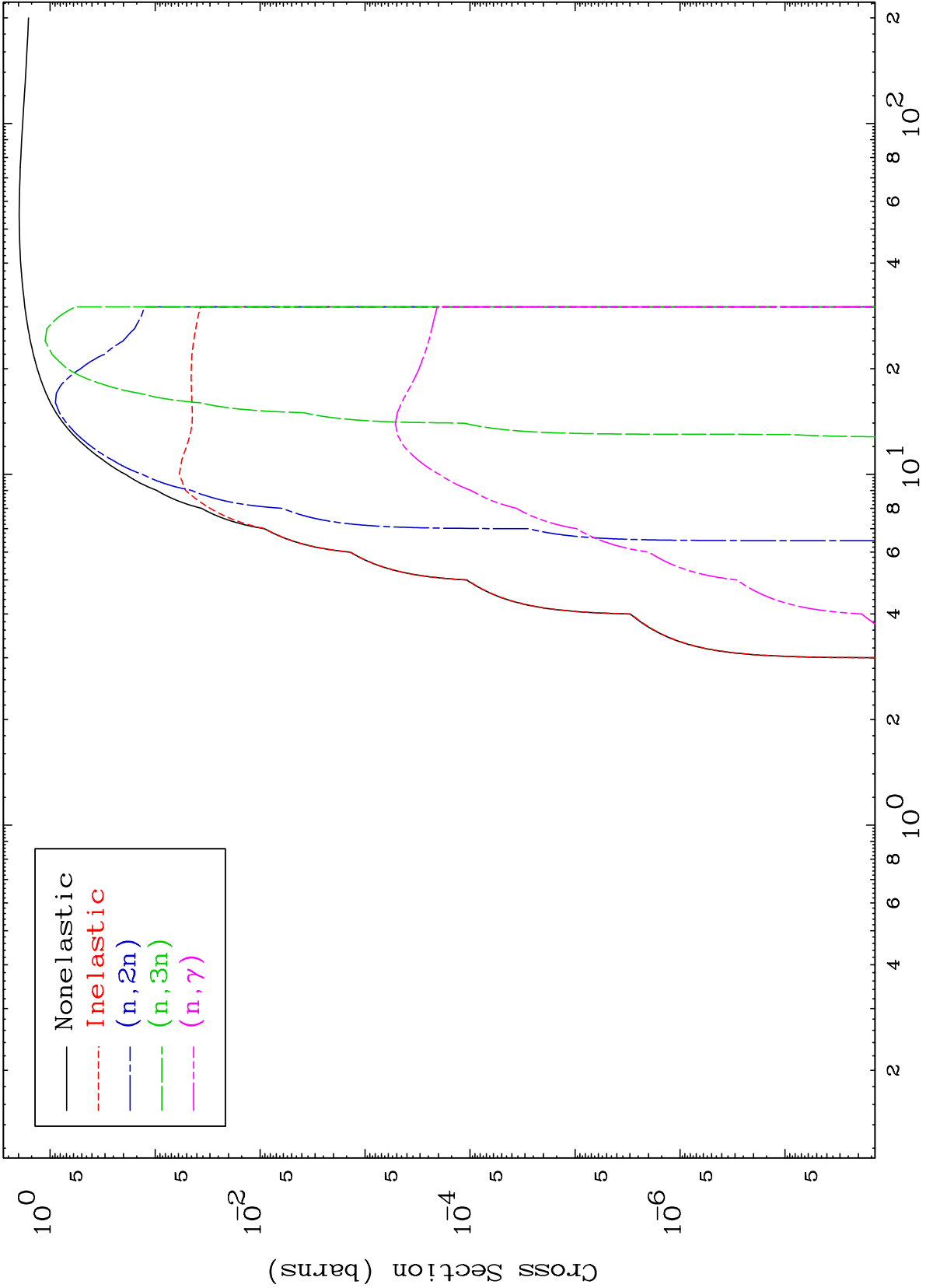
Press Mouse Button to Start

MAT 7735

Proton Major

77-Ir-194m

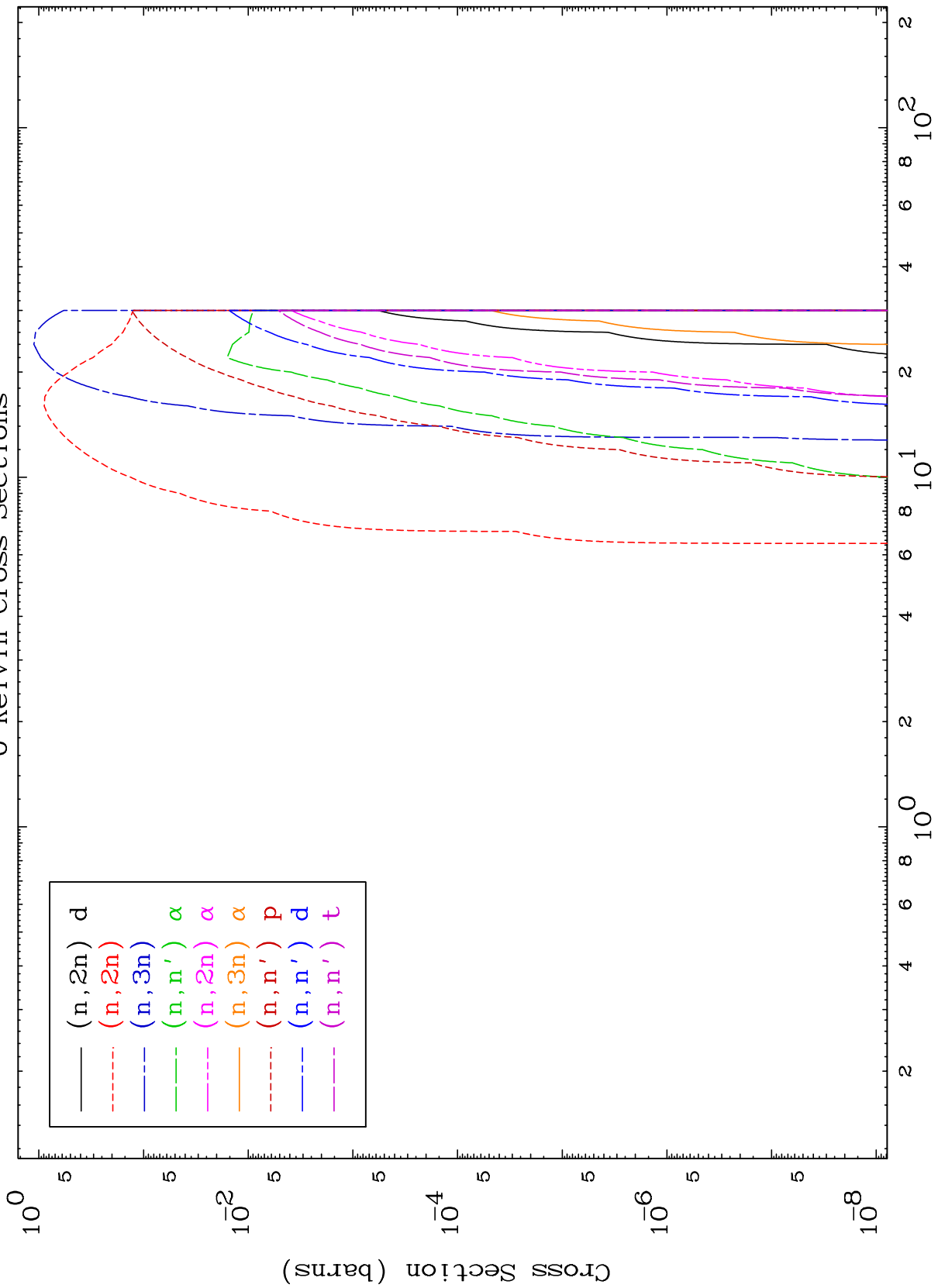
0 Kelvin Cross Sections



MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

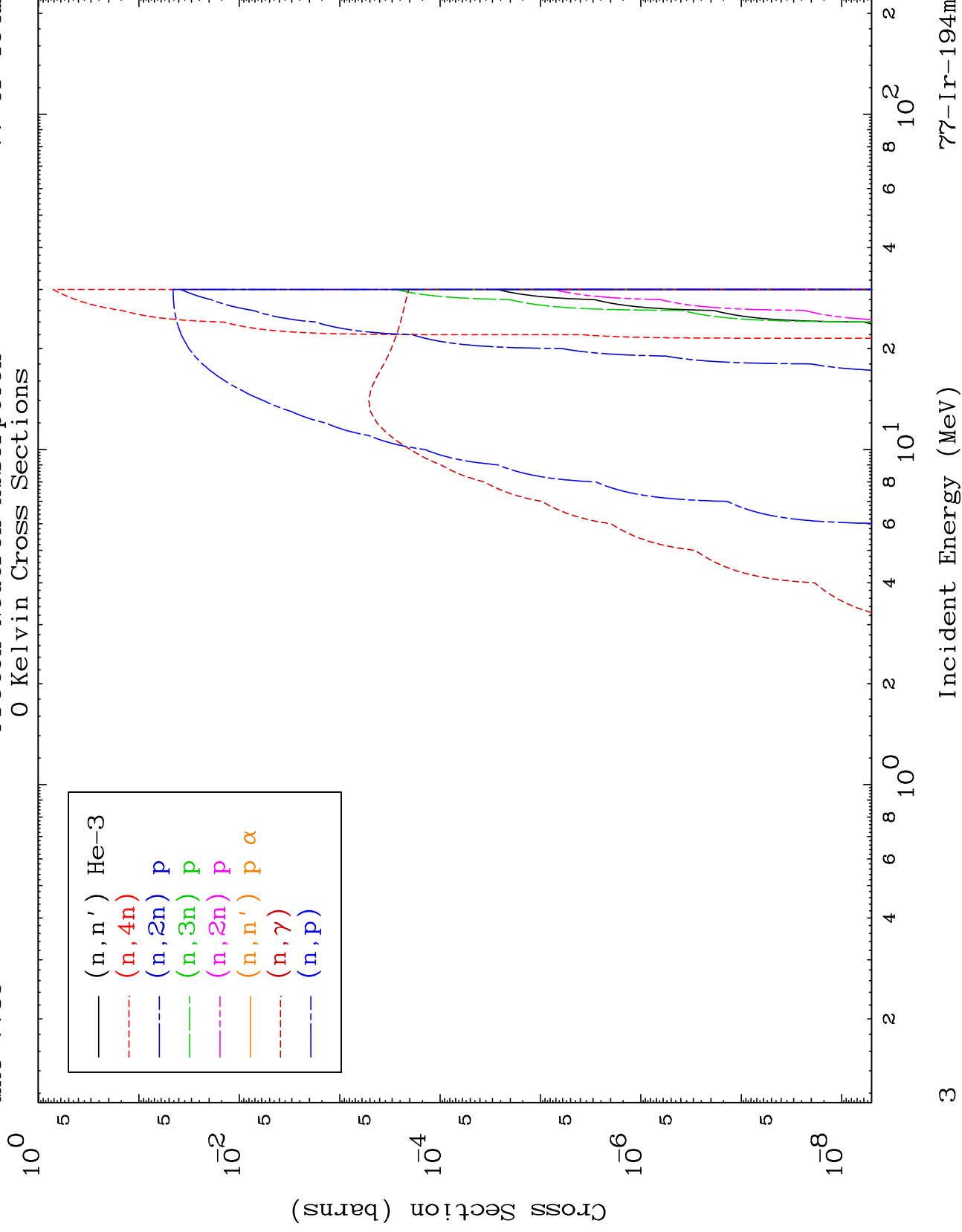
77-Ir-194m



MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

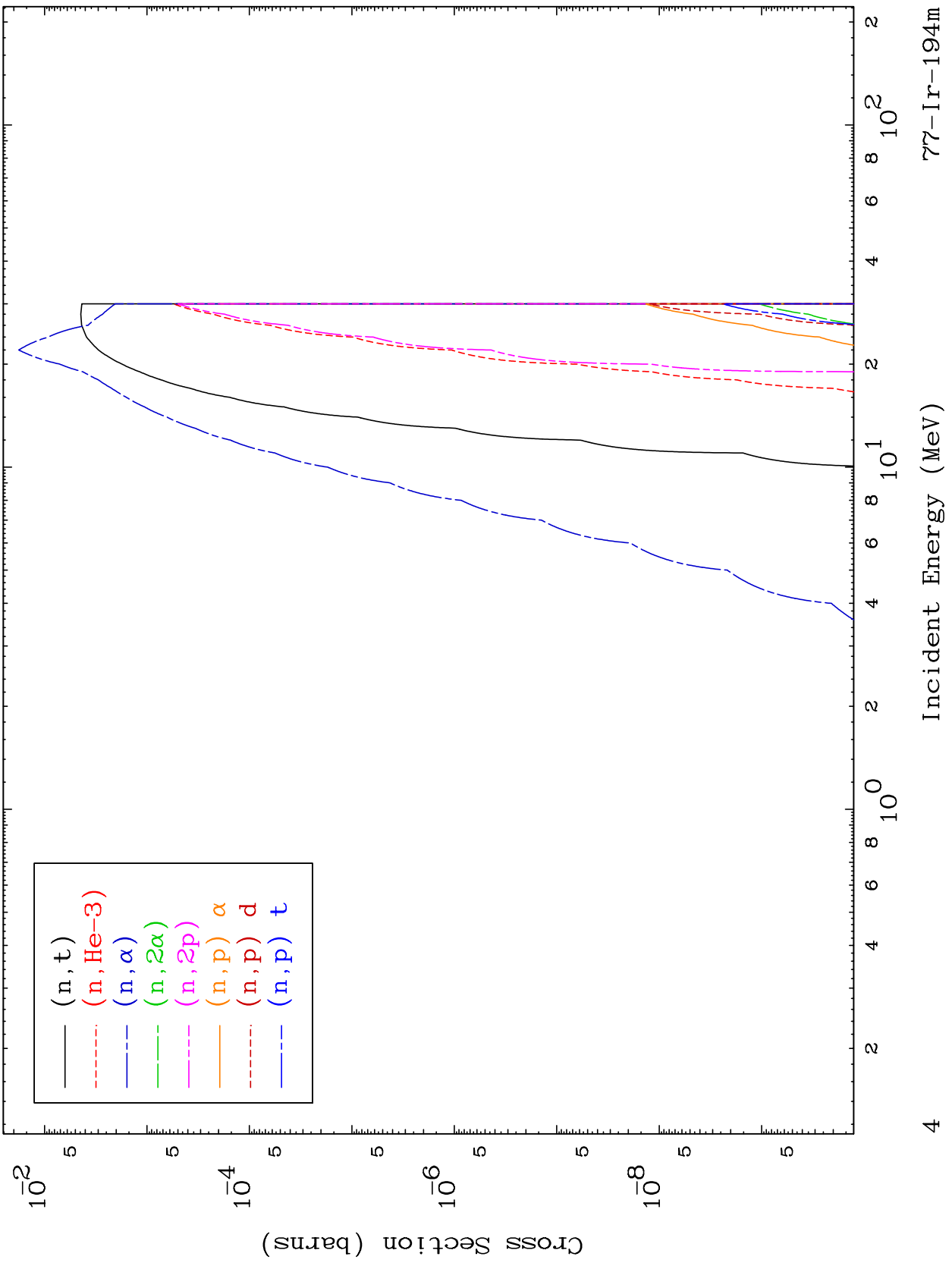
77-Ir-194m



MAT 7735

Proton Neutron Absorption
0 Kelvin Cross Sections

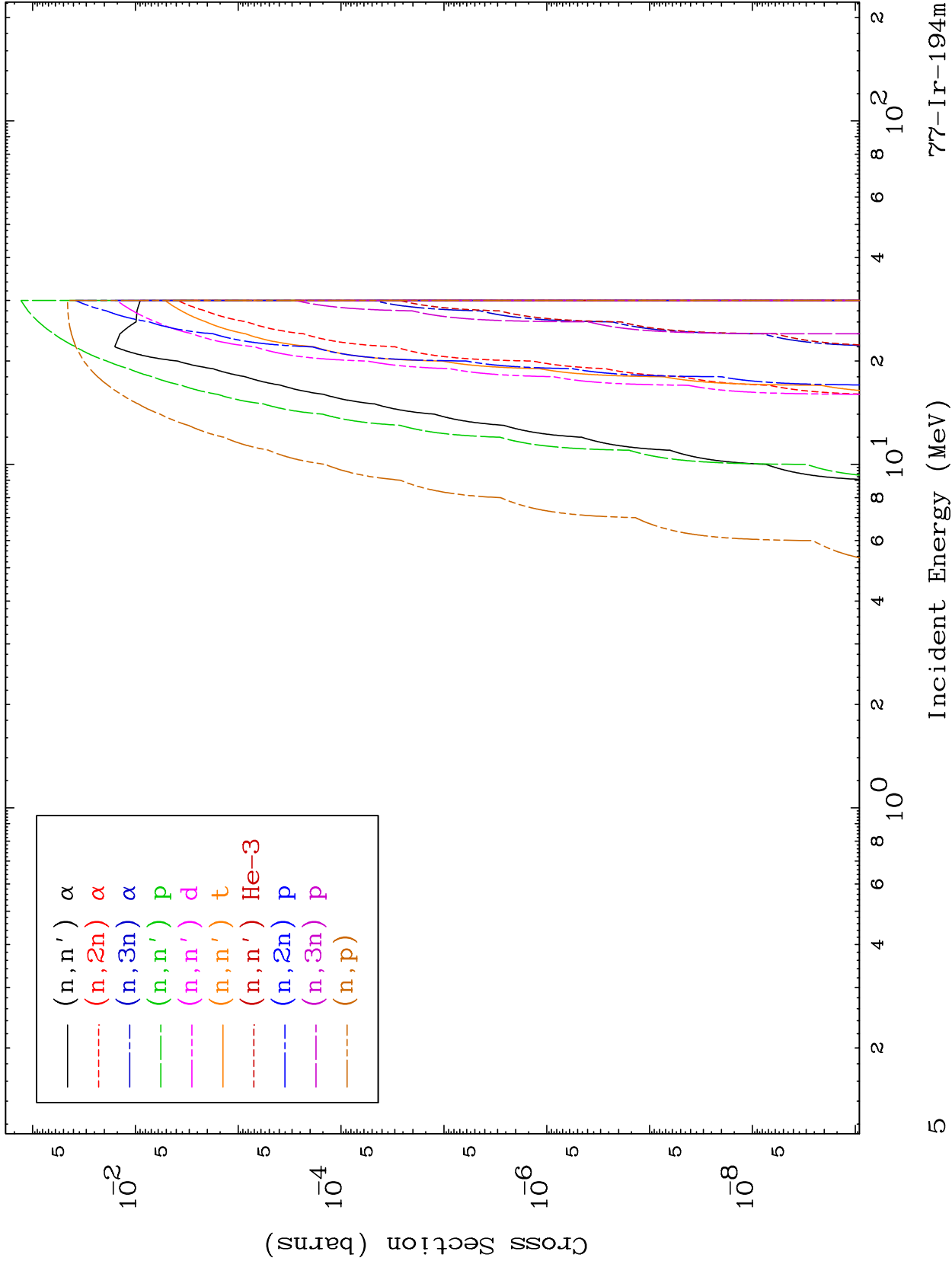
77-Ir-194m



MAT 7735

Proton Charged Particle
0 Kelvin Cross Sections

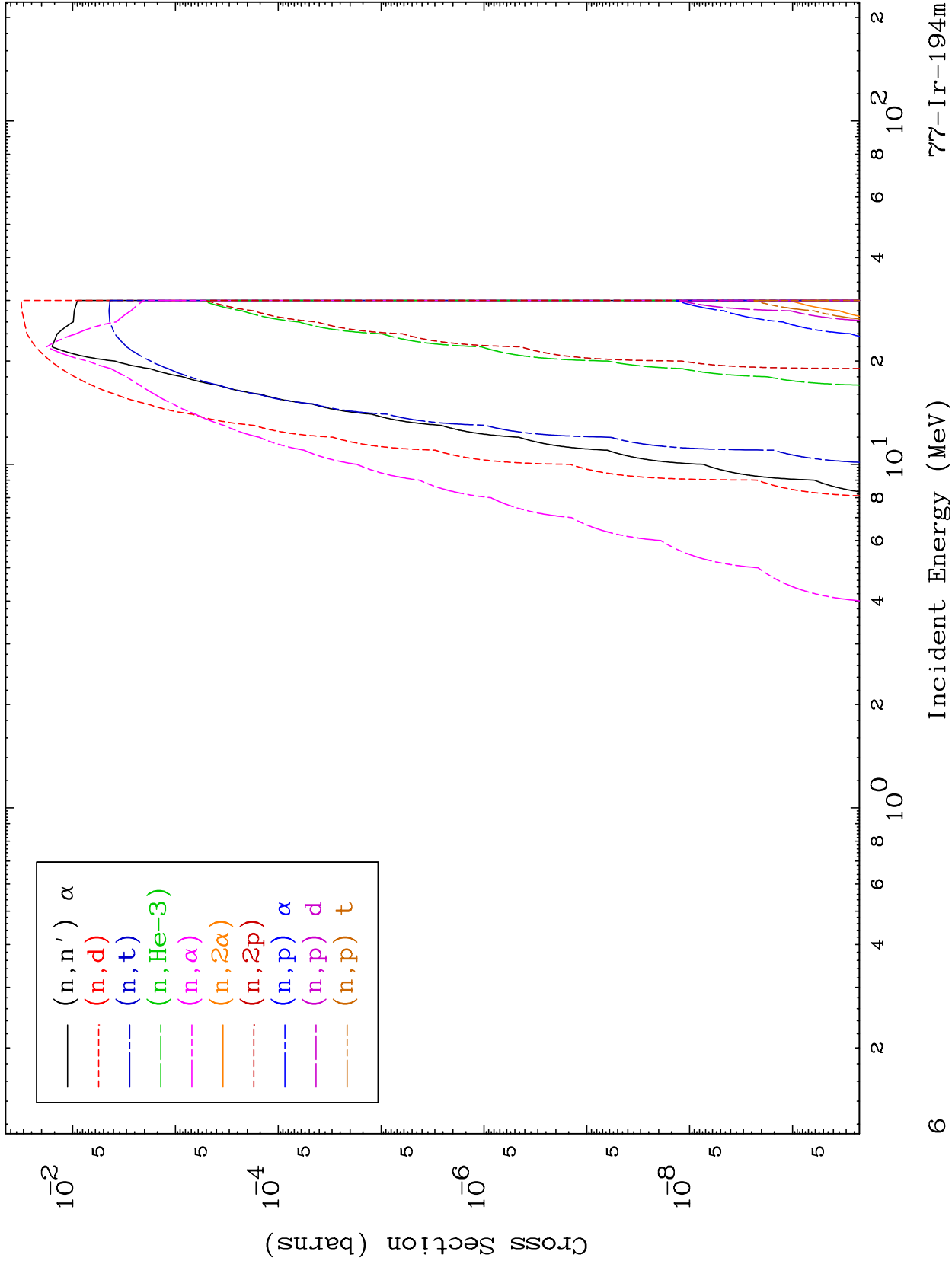
77-Ir-194m



MAT 7735

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-194m

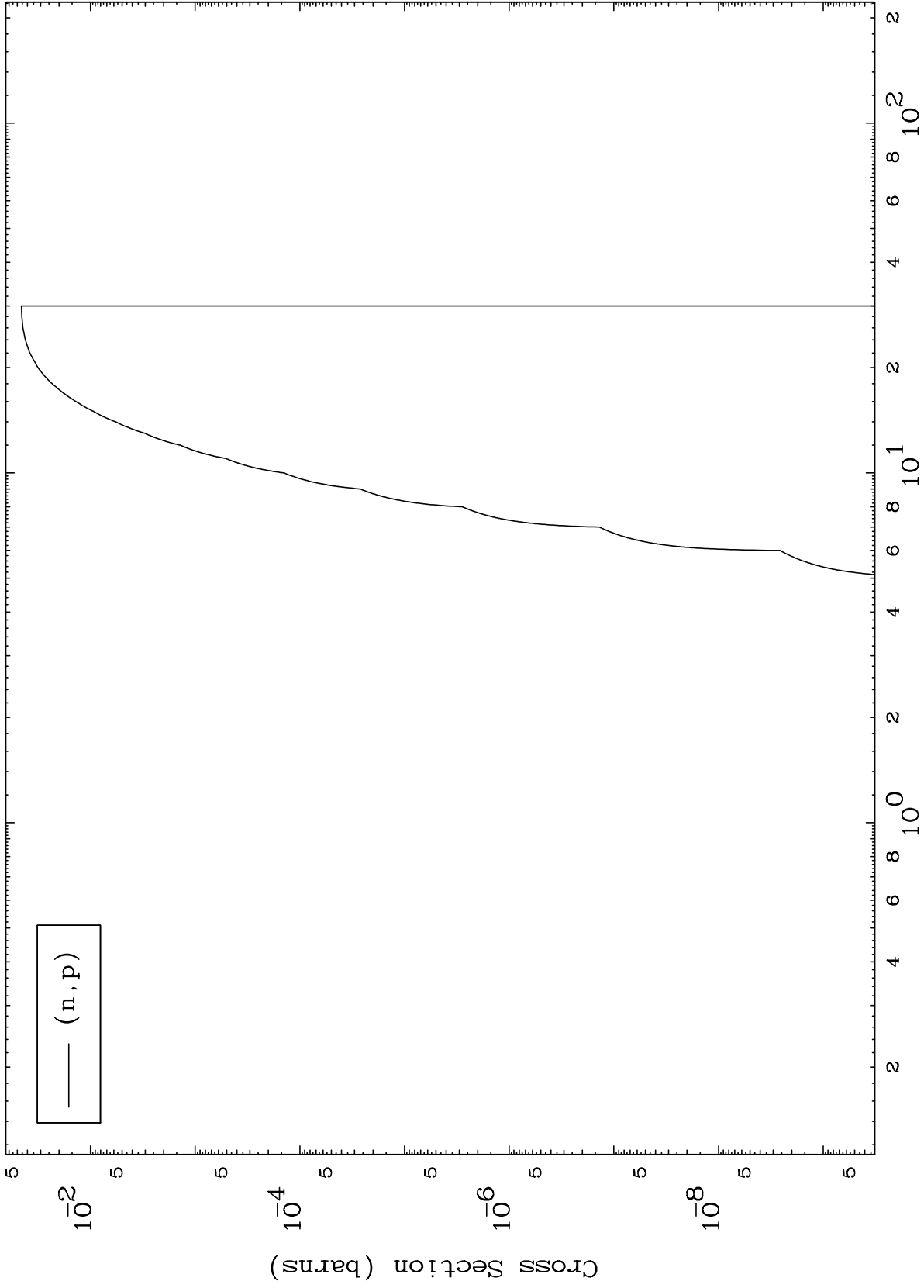


MAT 7735

(p,p) Levels

77-Ir-194m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

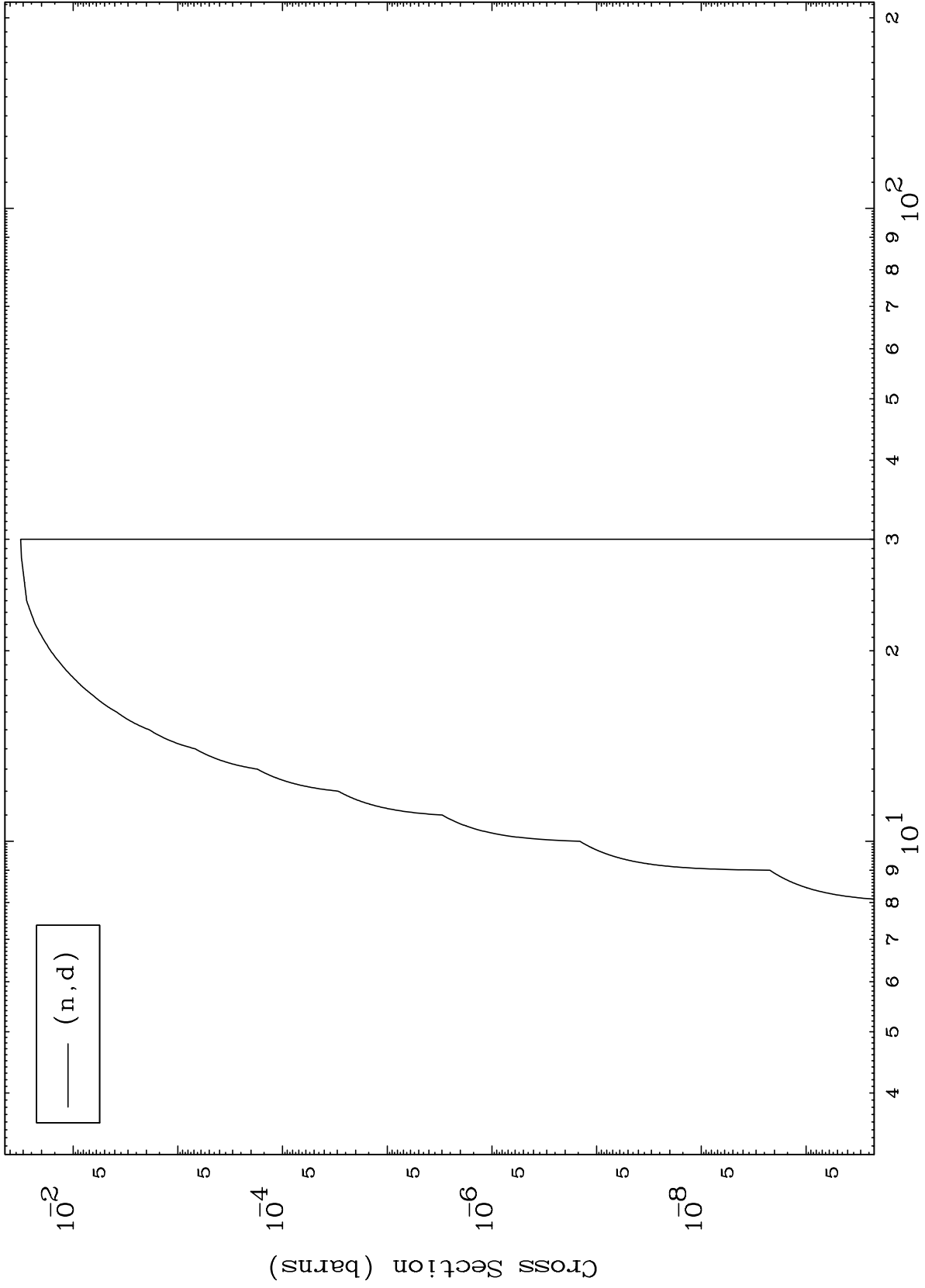
77-Ir-194m

7

MAT 7735

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-194m

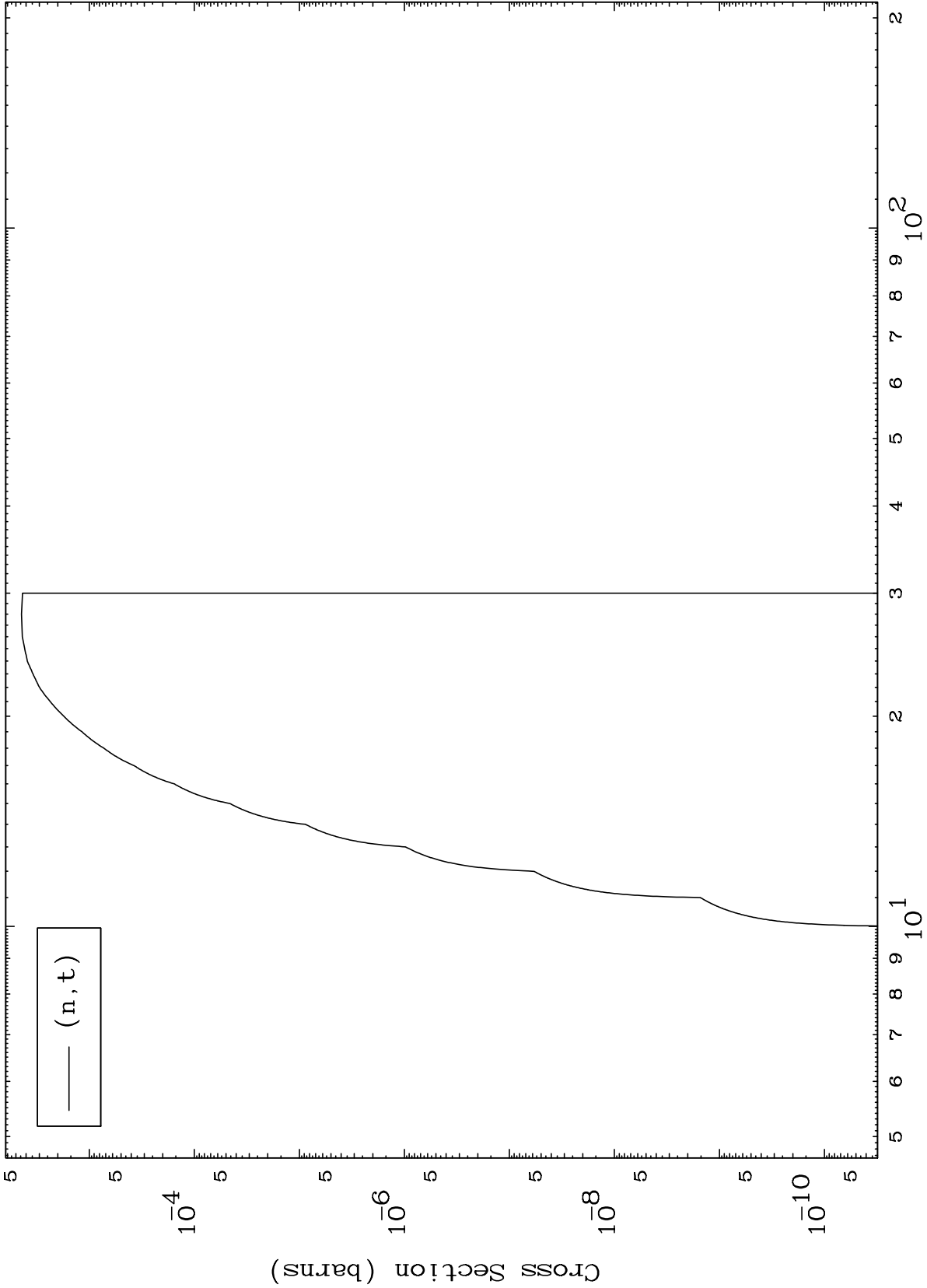


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(p,t) Levels

⁷⁷Ir-194m

0 Kelvin Cross Sections



(n,t)

Incident Energy (MeV)

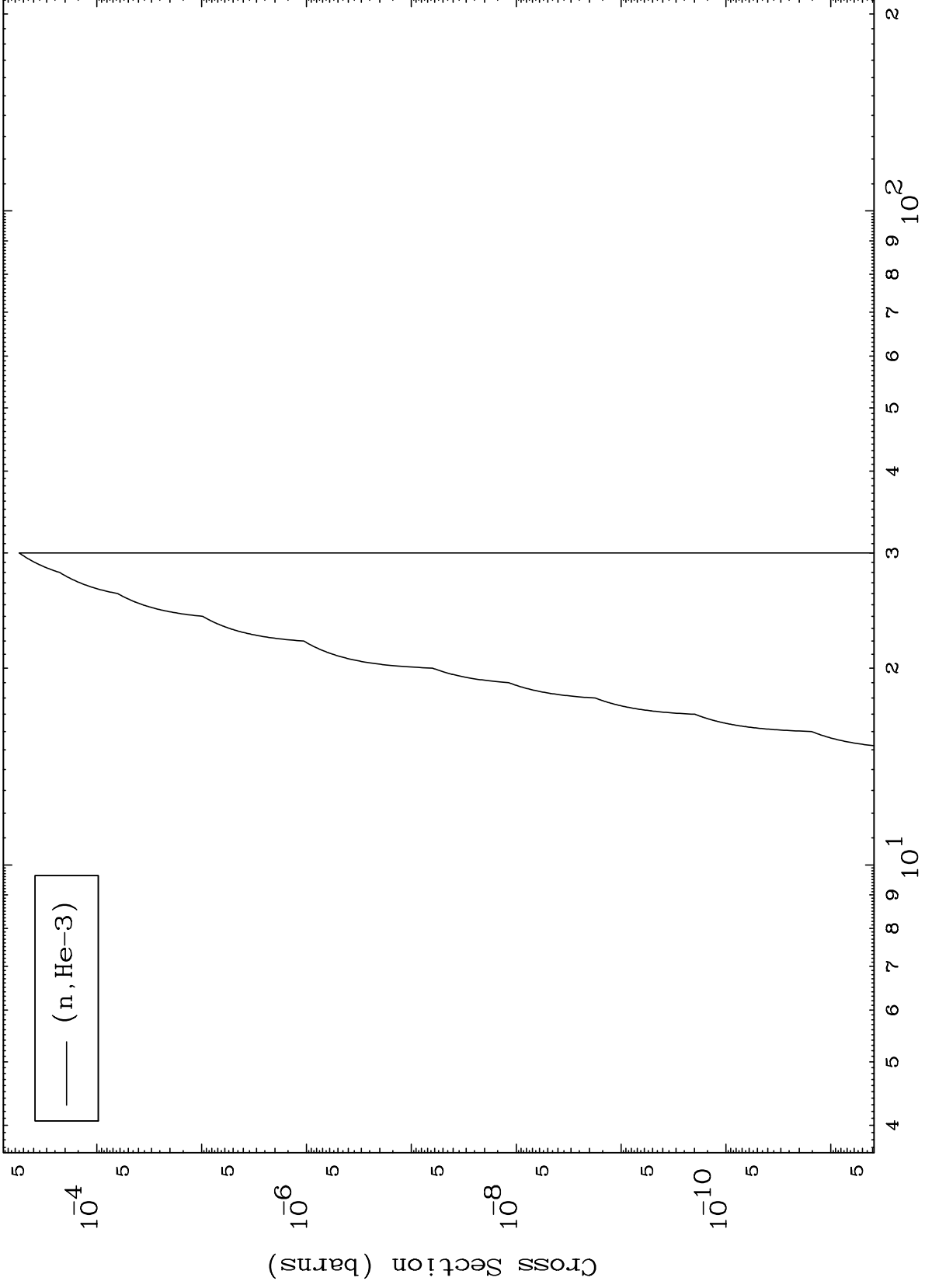
⁷⁷Ir-194m

9

MAT 7735

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-194m



77-Ir-194m

Incident Energy (MeV)

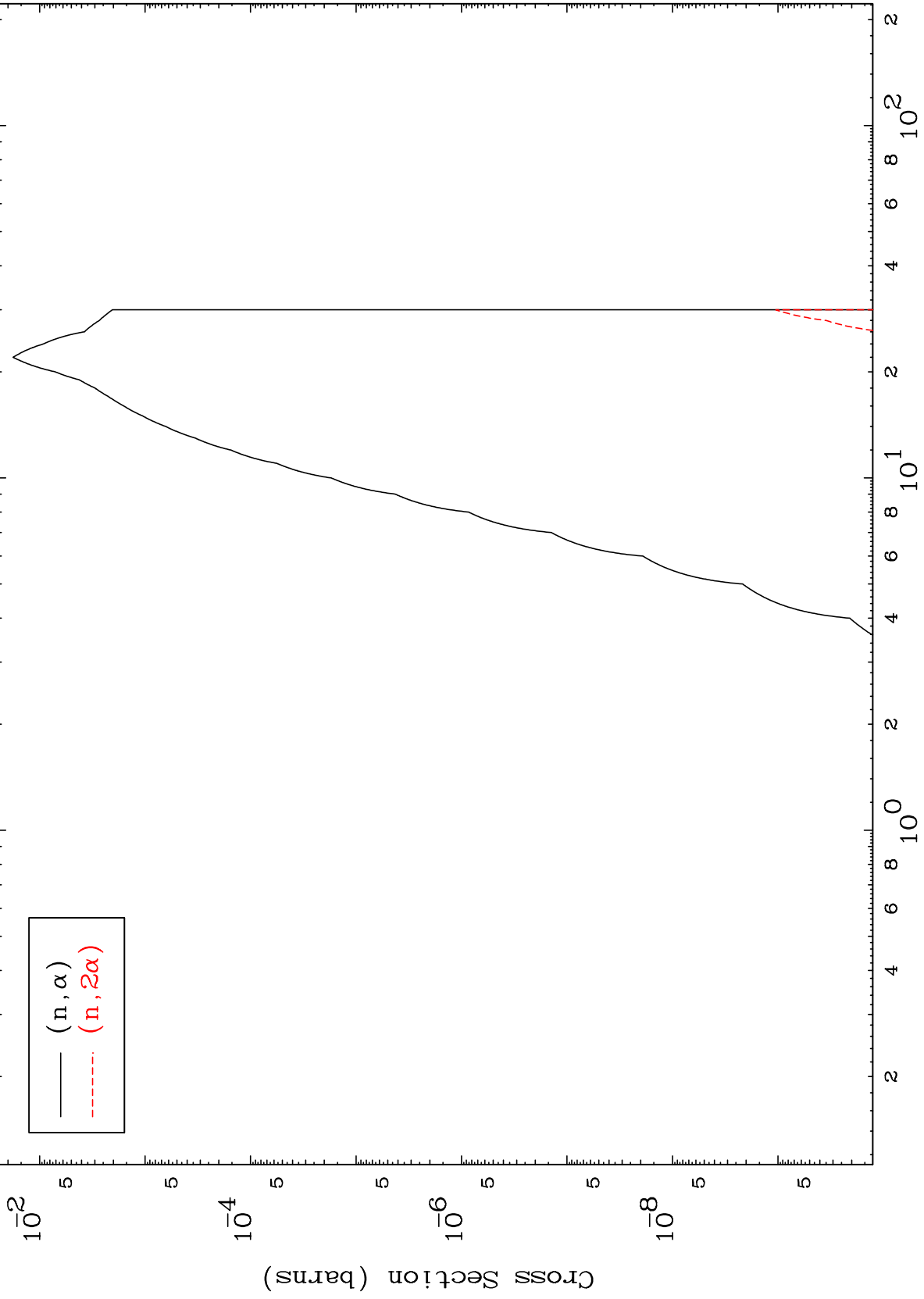
10

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(p, α) Levels

⁷⁷Ir-194m

0 Kelvin Cross Sections

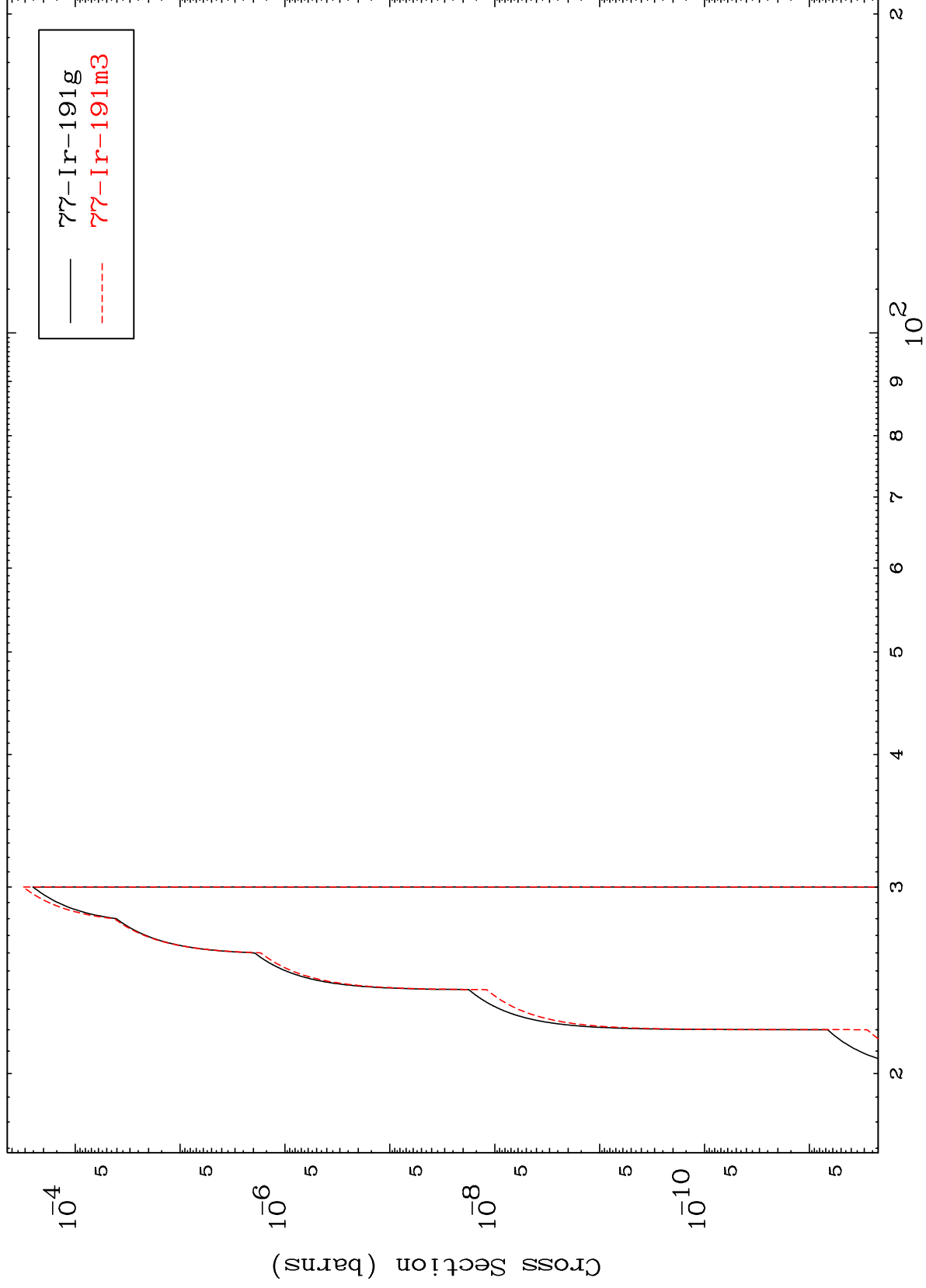


MAT 7735

(n,2n) d

⁷⁷Ir-194m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

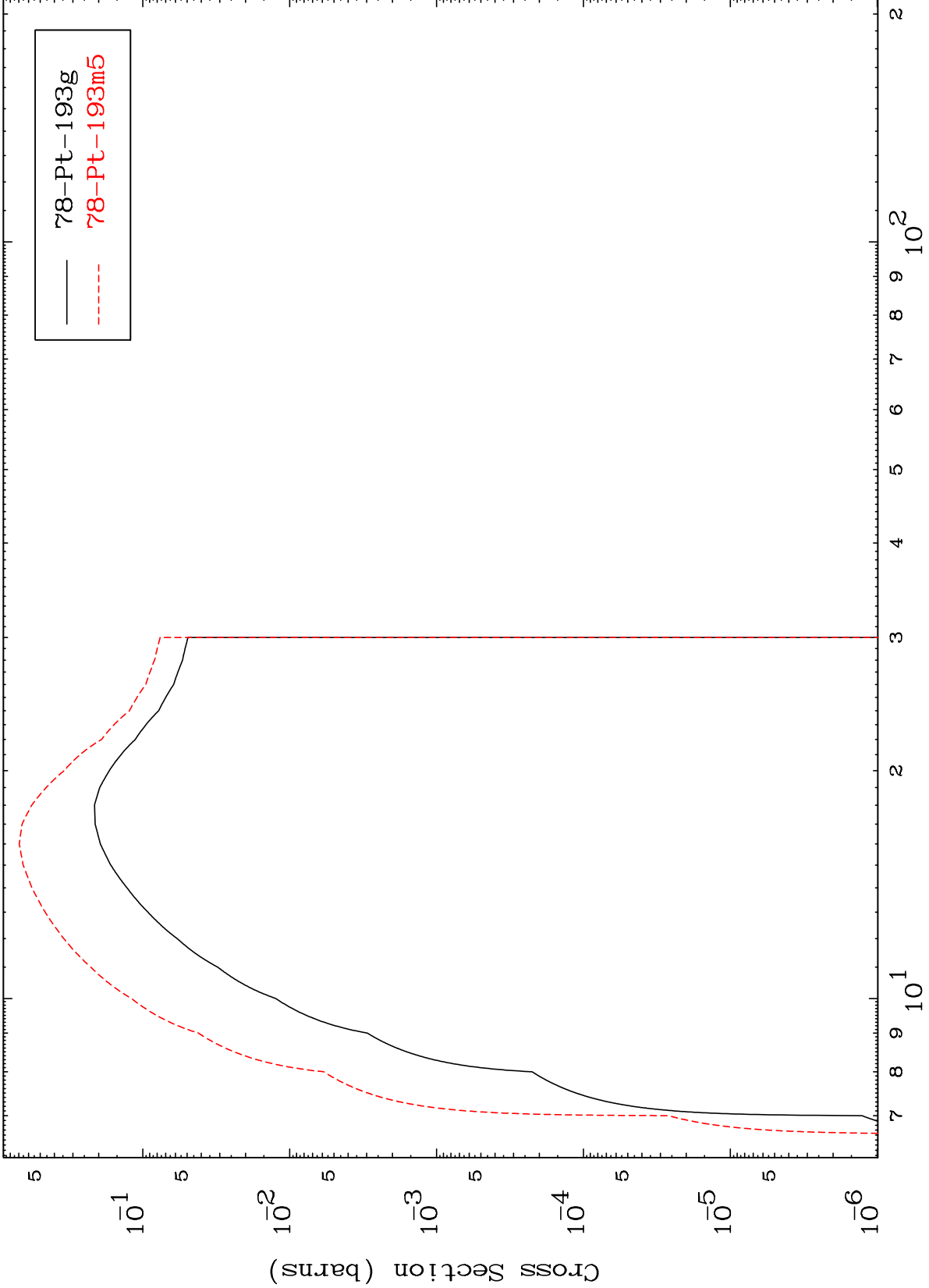
⁷⁷Ir-194m

MAT 7735

(n,2n)

⁷⁷Ir-194m

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

13

Incident Energy (MeV)

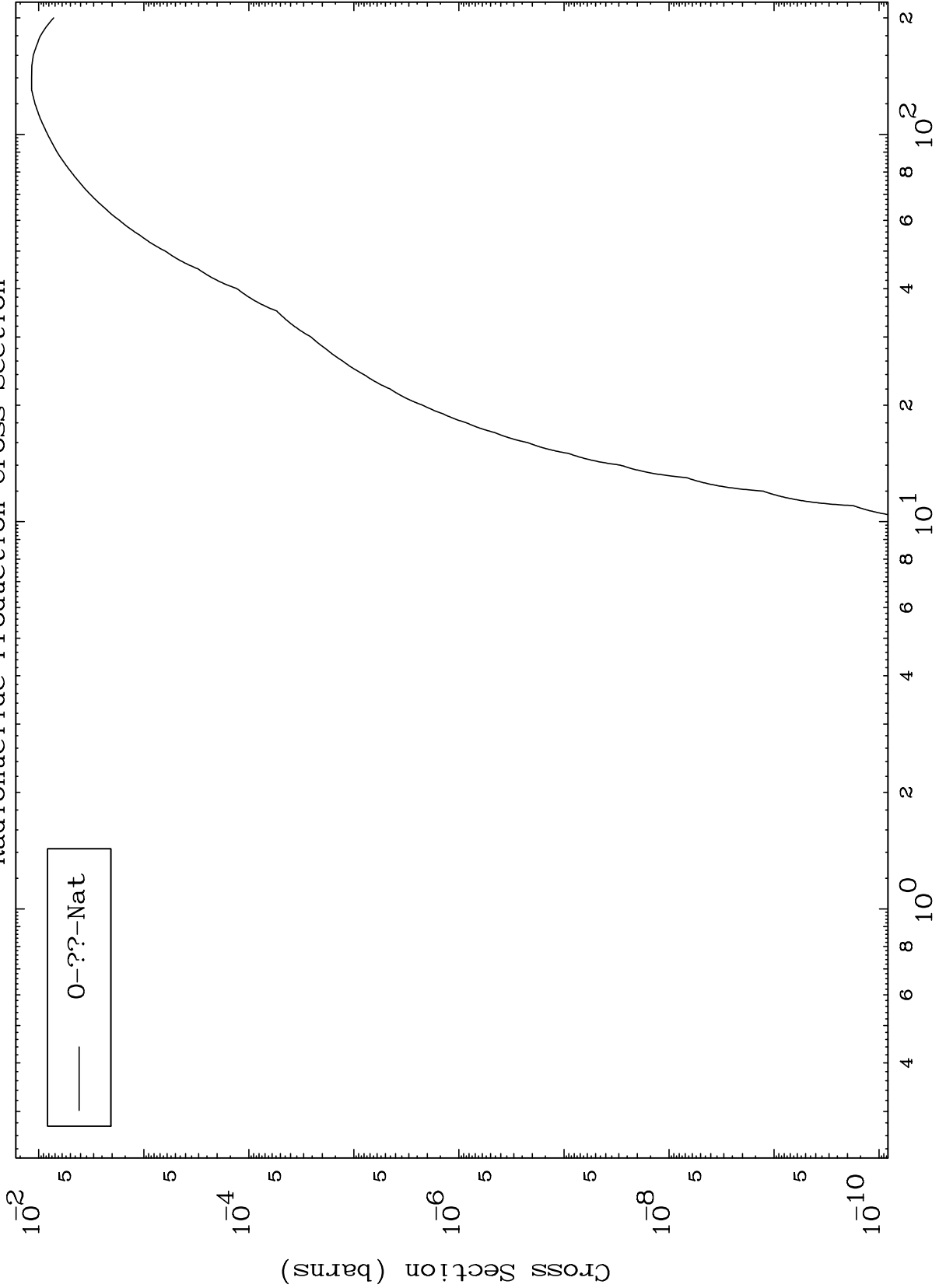
⁷⁷Ir-194m

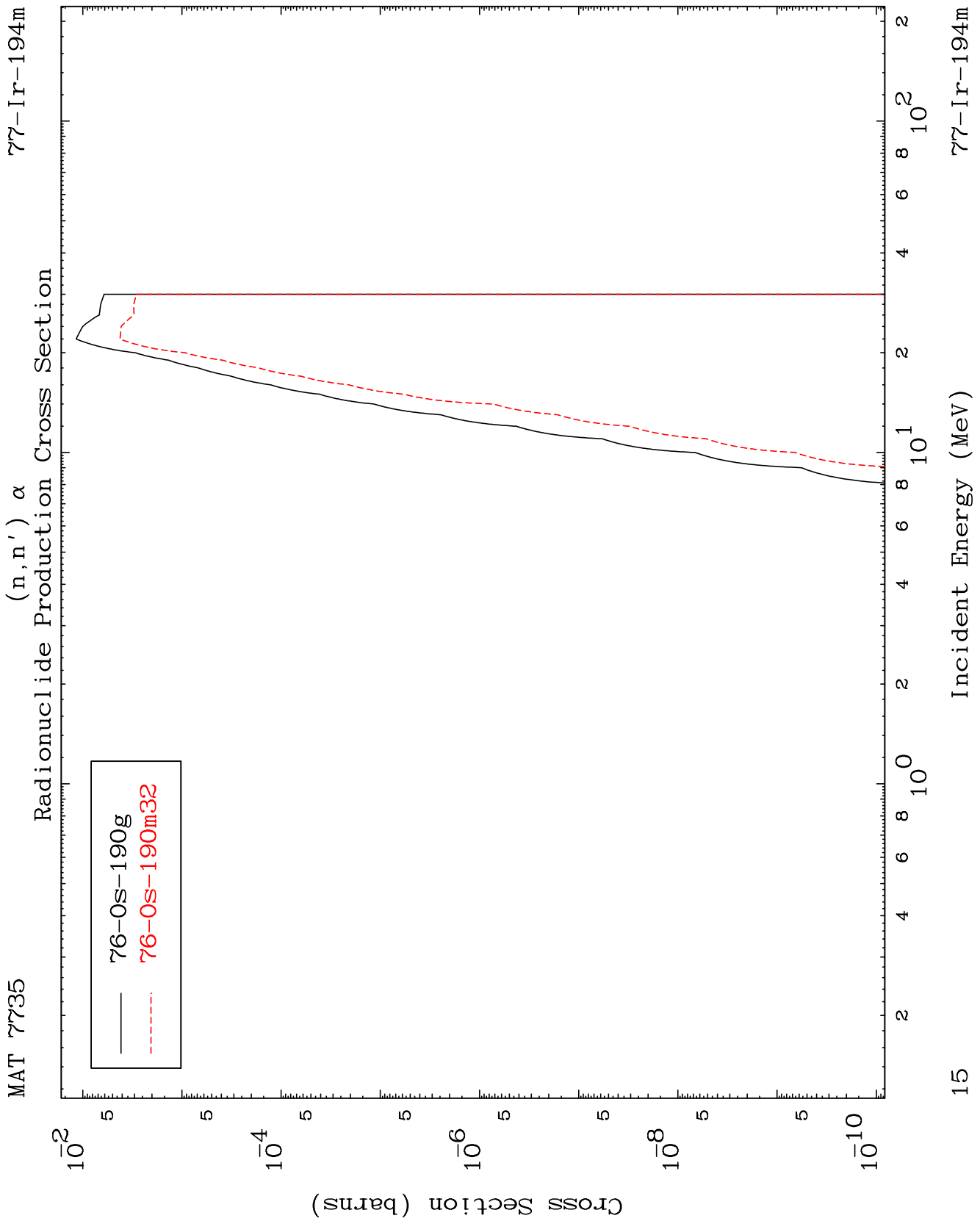
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Fission

⁷⁷Ir-194m

Radionuclide Production Cross Section



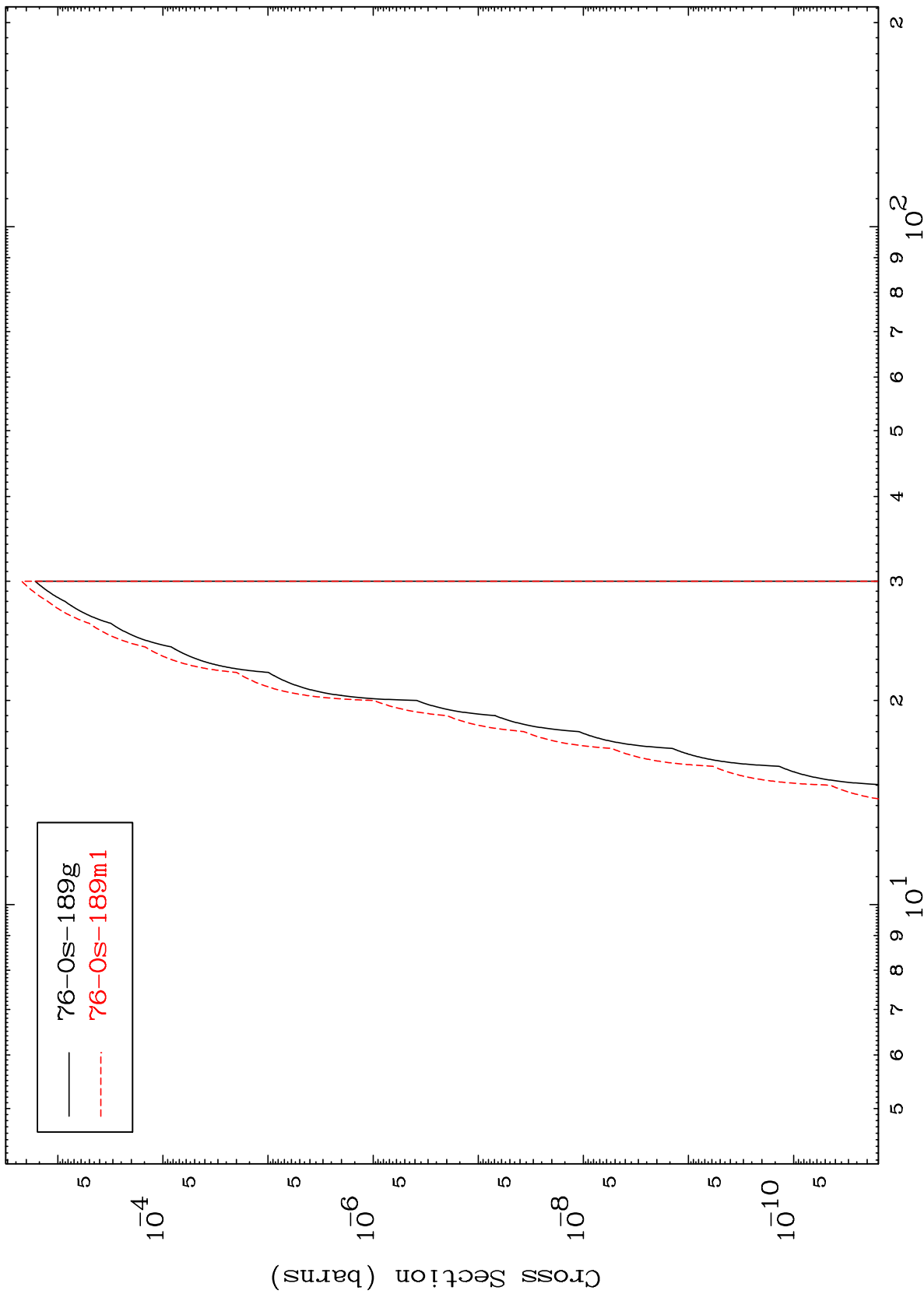


MAT 7735

(n,2n) α

77-Ir-194m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

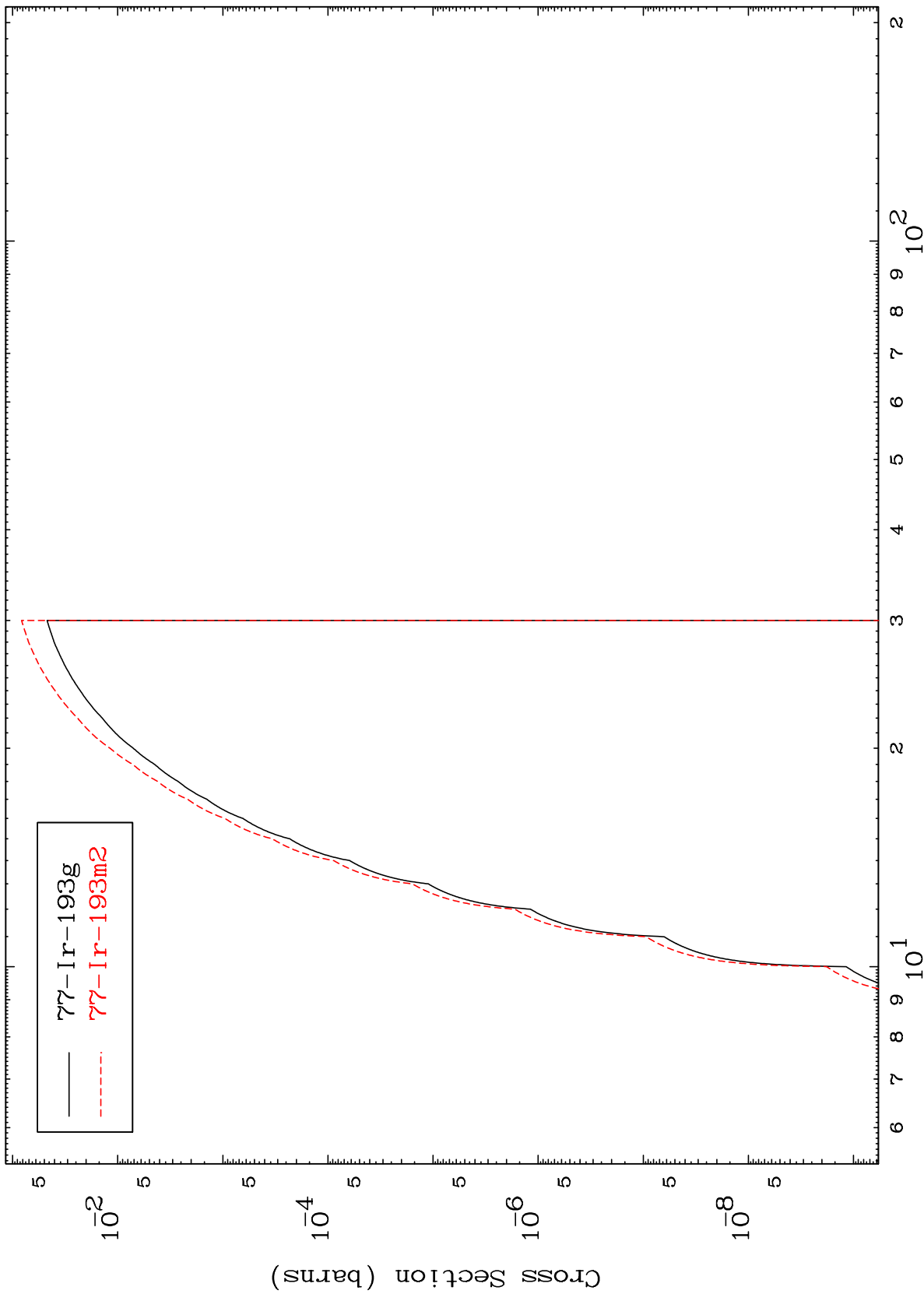
77-Ir-194m

MAT 7735

(n,n') p

⁷⁷Ir-194m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

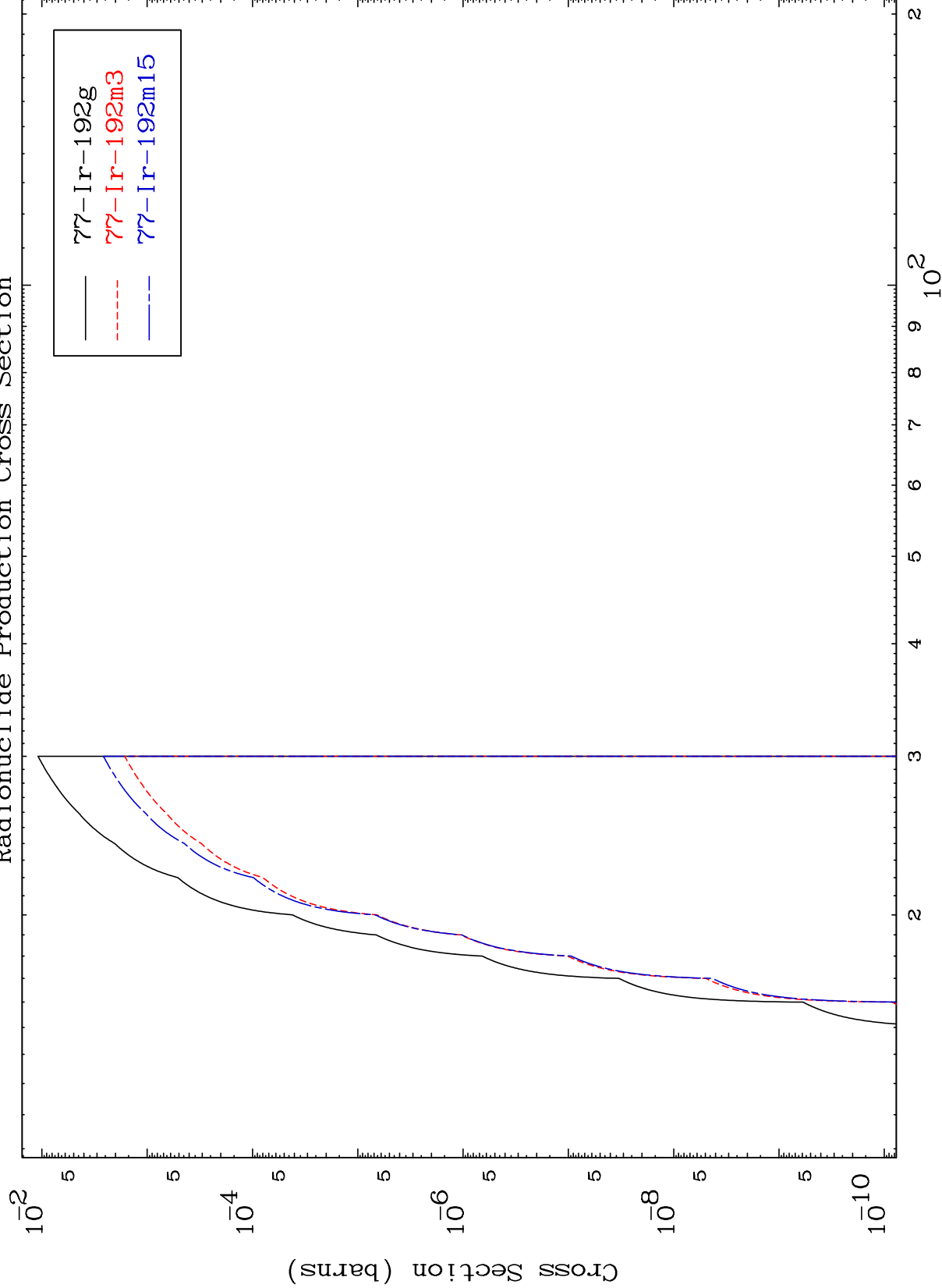
⁷⁷Ir-194m

MAT 7735

(n,n') d

77-Ir-194m

Radionuclide Production Cross Section



77-Ir-192g
77-Ir-192m3
77-Ir-192m15

18

Incident Energy (MeV)

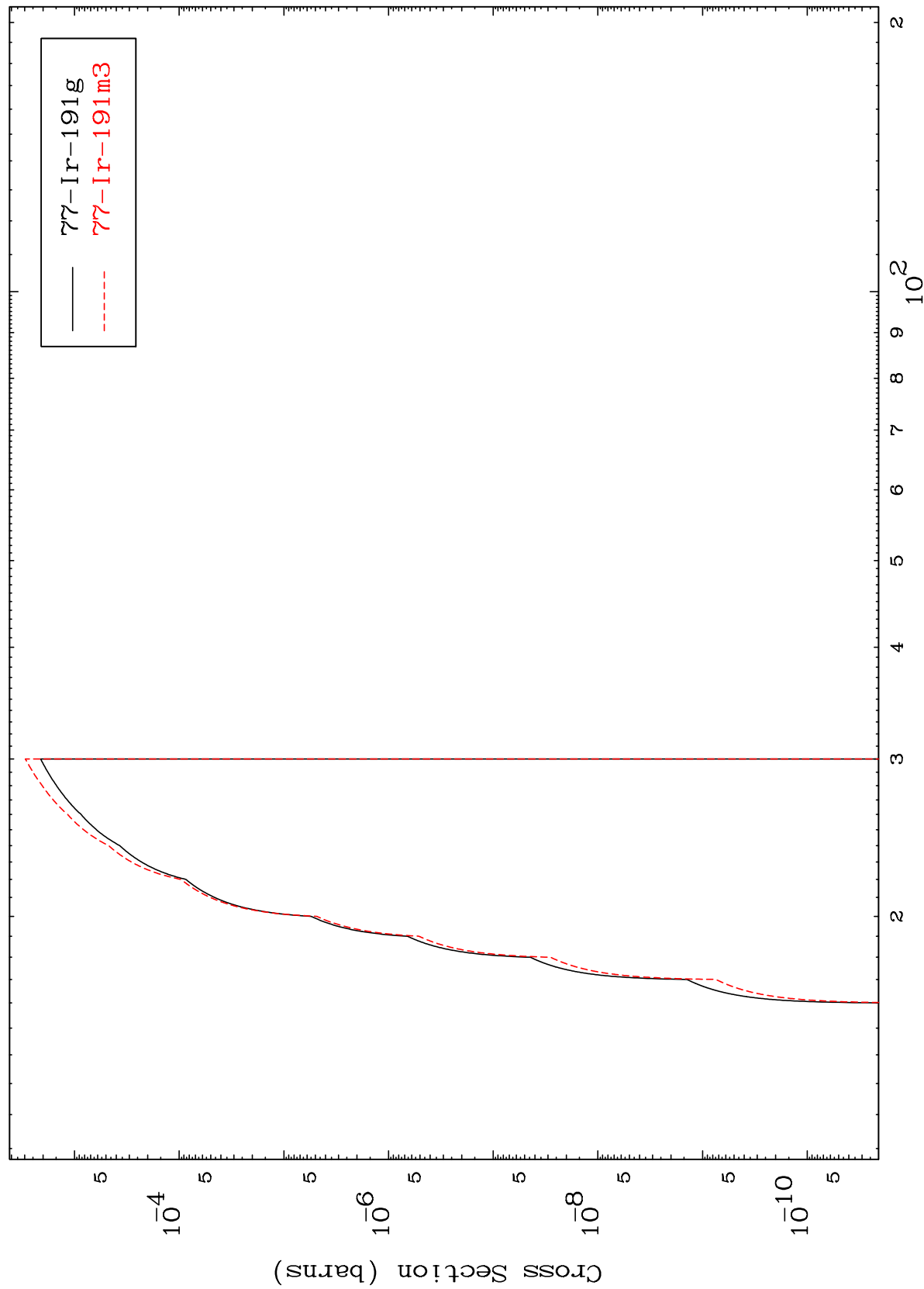
77-Ir-194m

MAT 7735

(n,n') t

77-Ir-194m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

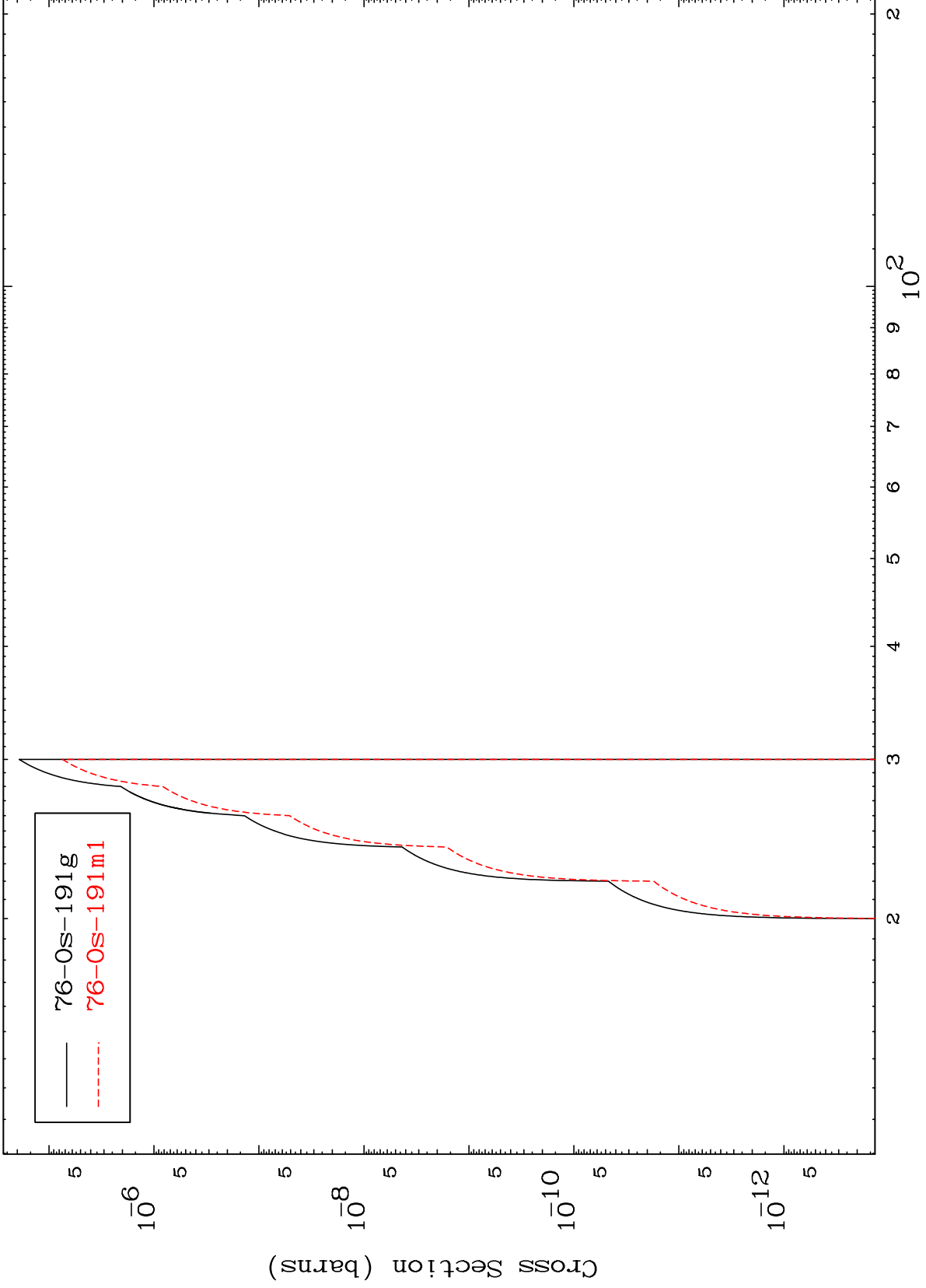
77-Ir-194m

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(n,n') He-3

77-Ir-194m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

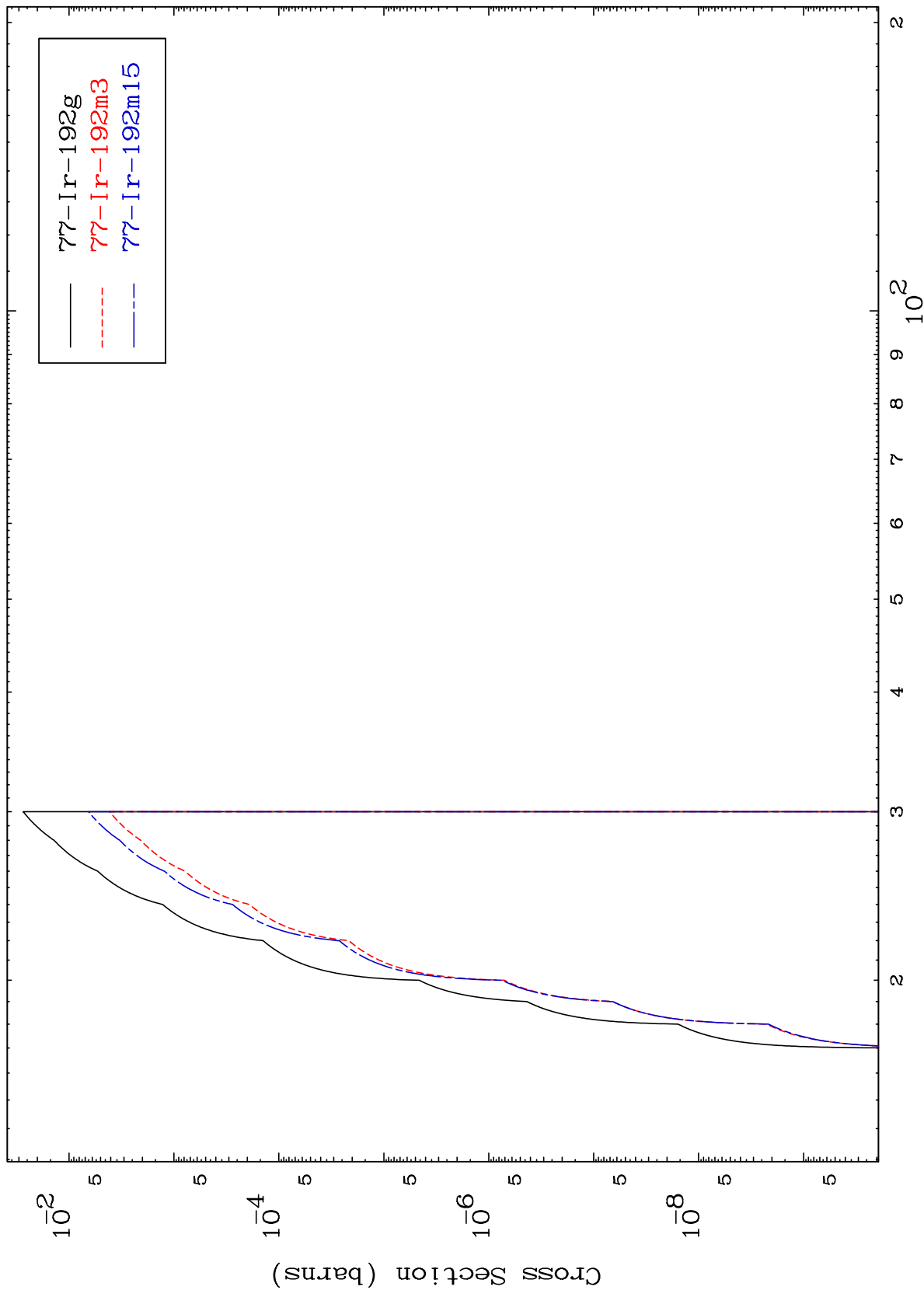
77-Ir-194m

MAT 7735

(n,2n) p

⁷⁷Ir-194m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

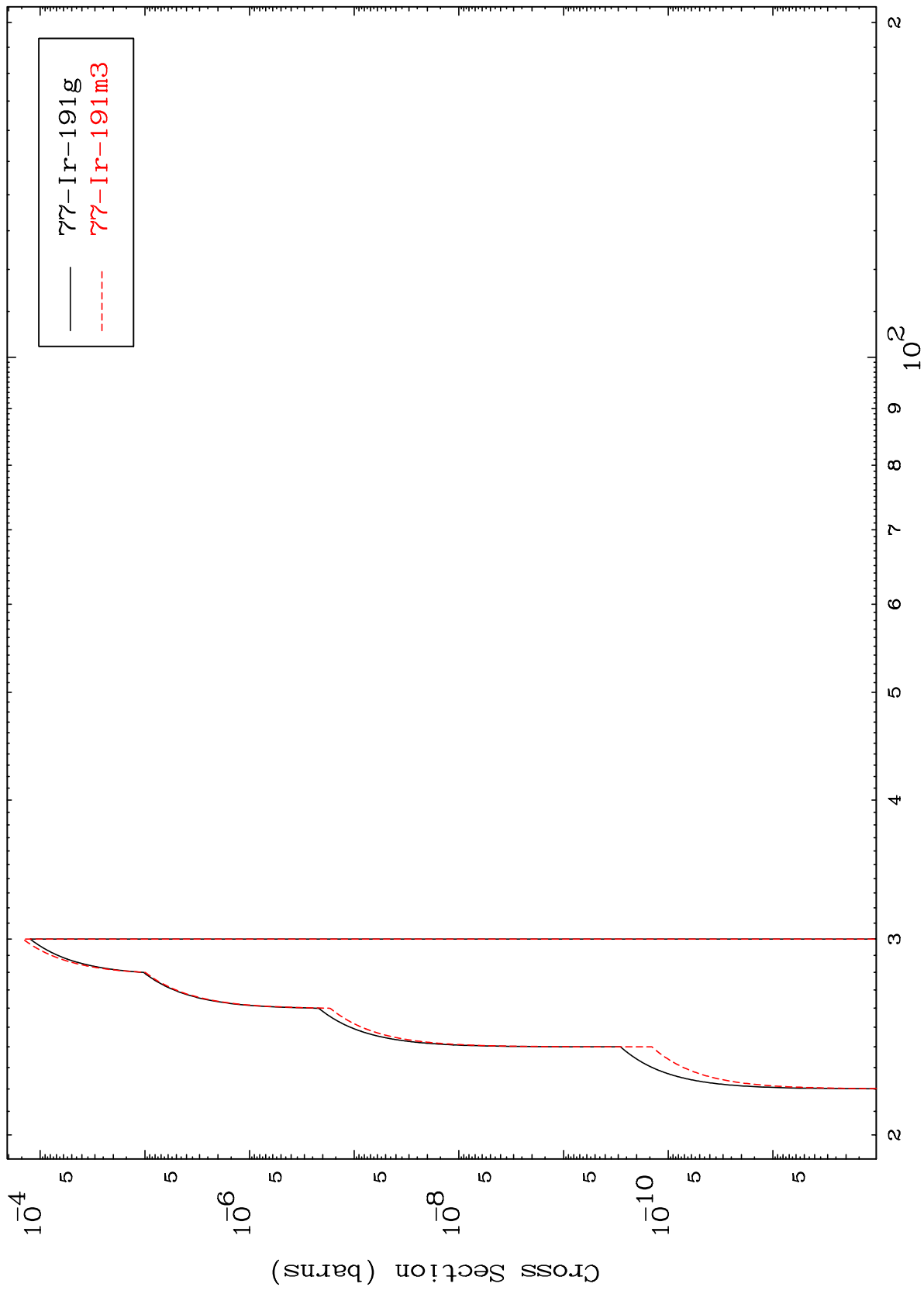
⁷⁷Ir-194m

MAT 7735

(n,3n) p

⁷⁷Ir-194m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

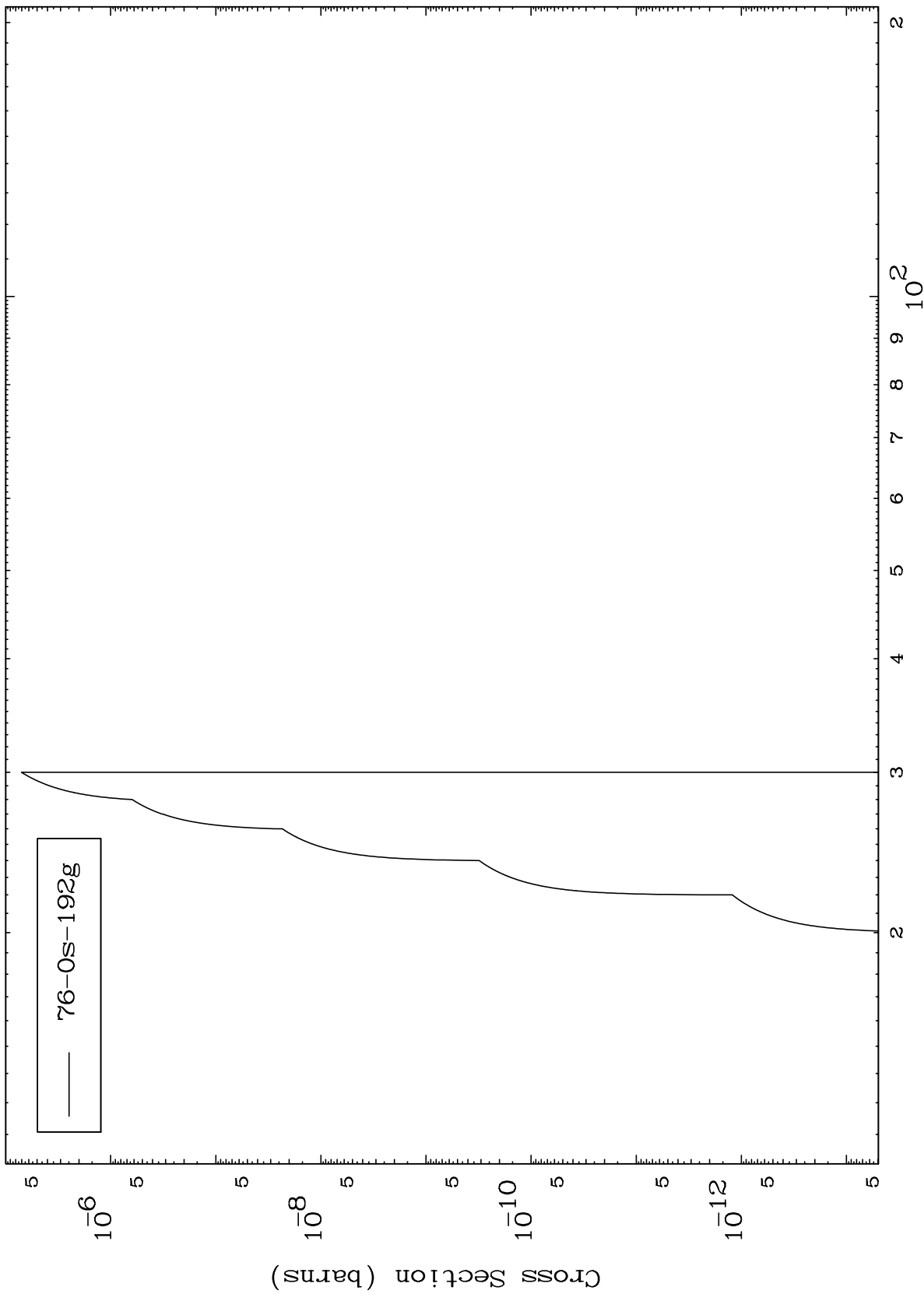
⁷⁷Ir-194m

MAT 7735

(n,2n) p

⁷⁷Ir-194m

Radionuclide Production Cross Section



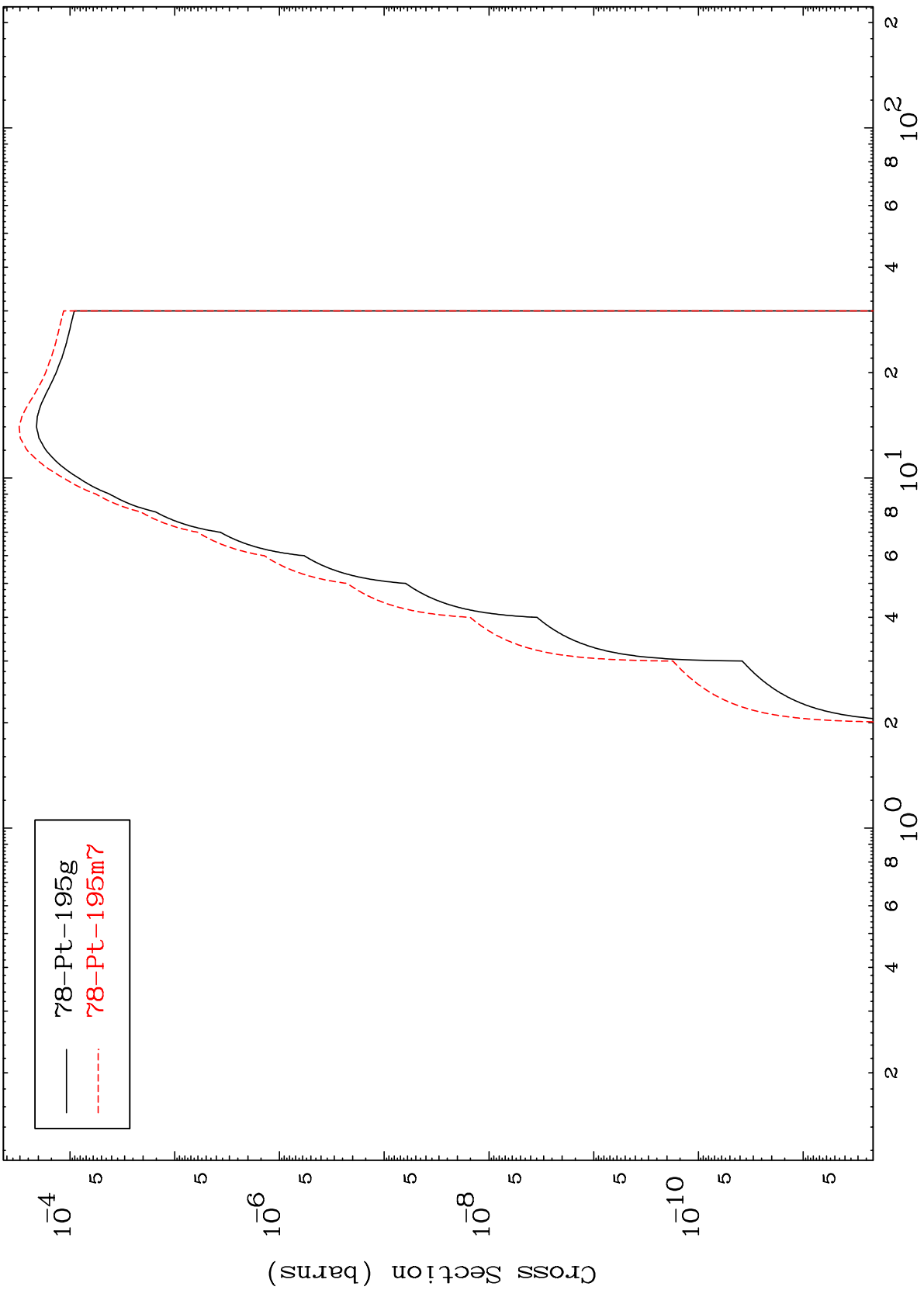
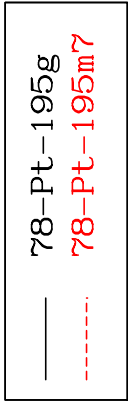
Incident Energy (MeV)

⁷⁷Ir-194m

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77-Ir-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

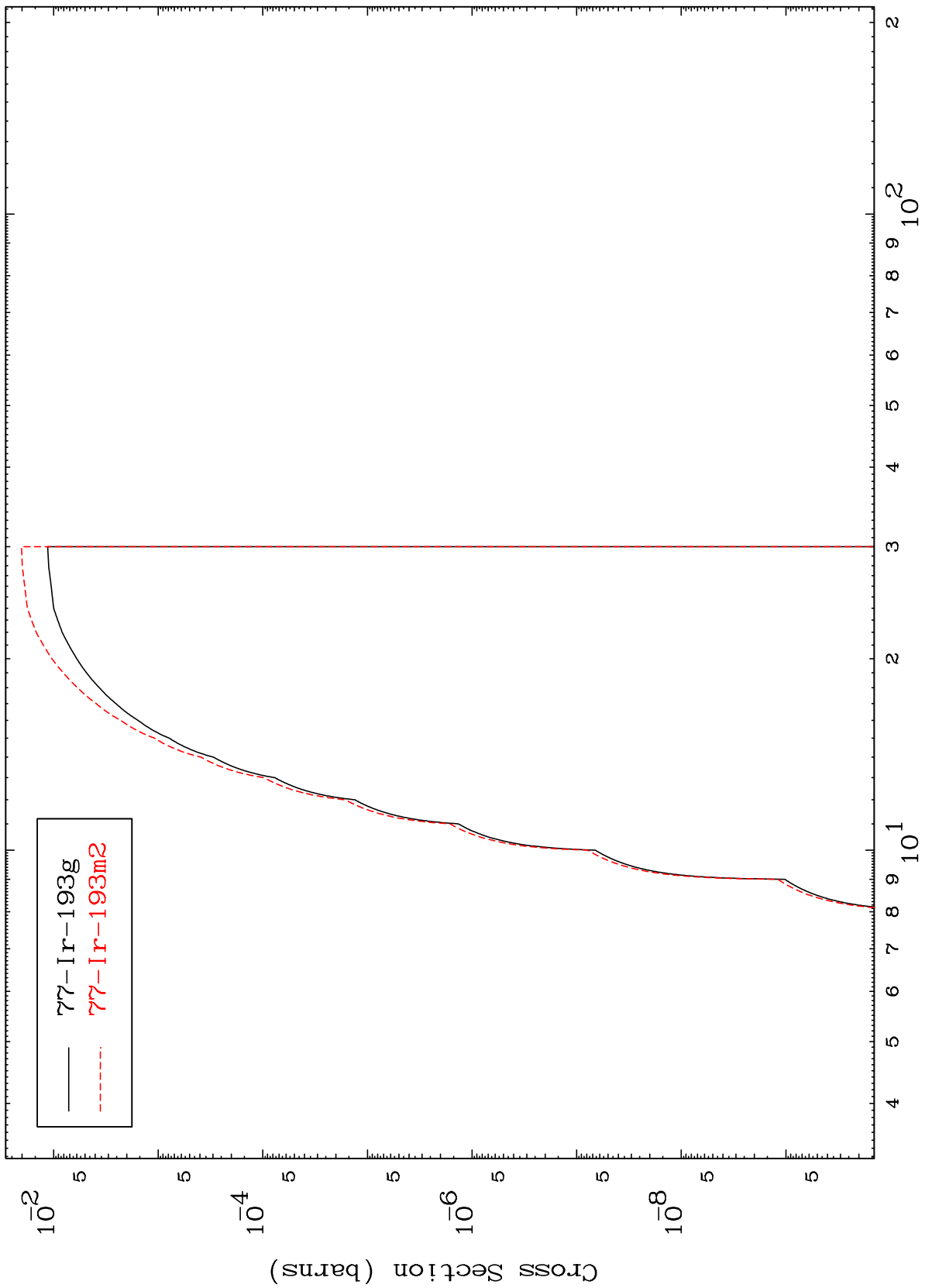
77-Ir-194m

24

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⁷⁷Ir-194m

(n,d)
Radionuclide Production Cross Section



25

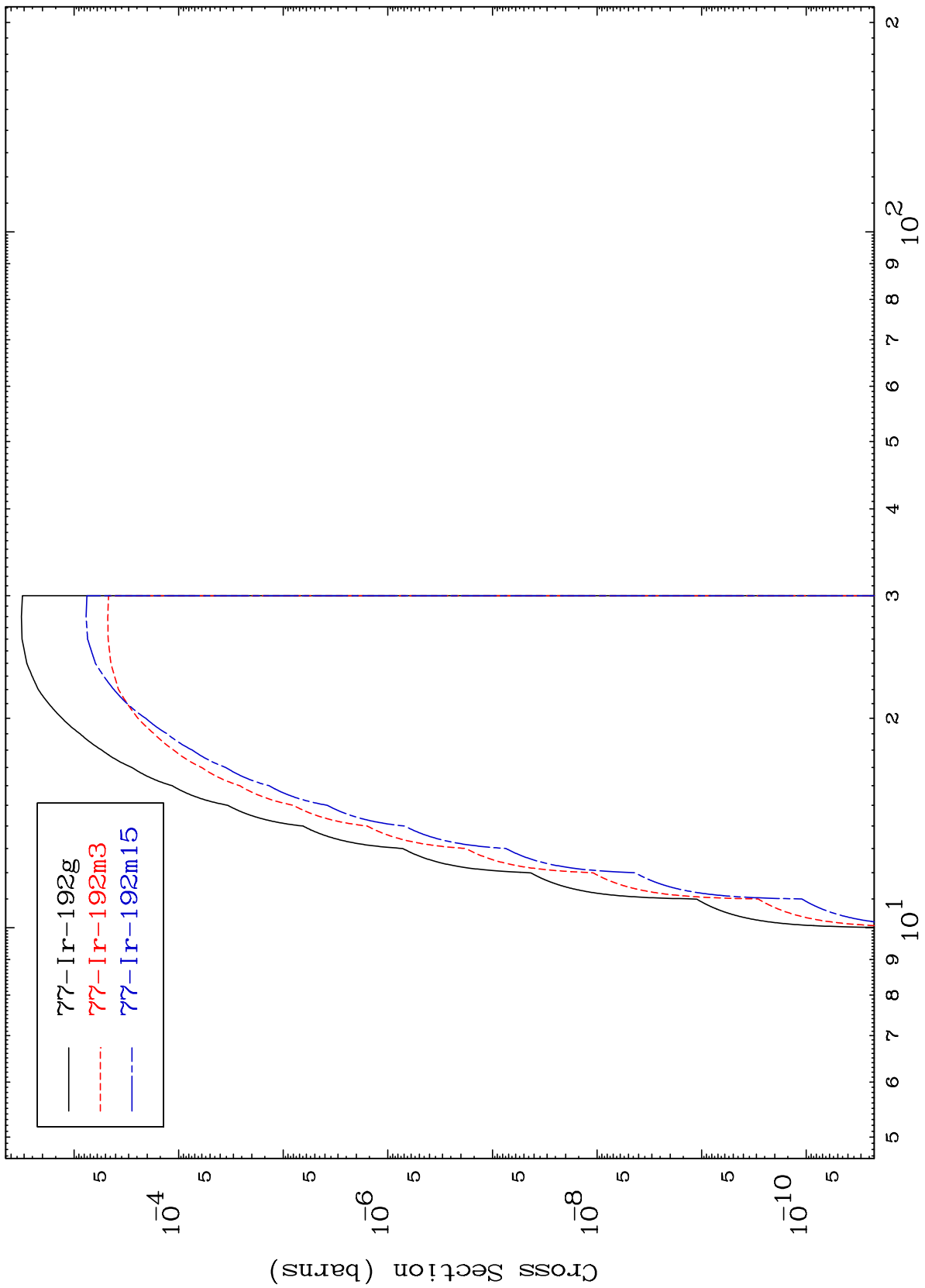
Incident Energy (MeV)

⁷⁷Ir-194m

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77-Ir-194m

Radionuclide Production Cross Section (n,t)



Legend:
— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$
- · - $^{77}\text{Ir-192m15}$

Incident Energy (MeV)

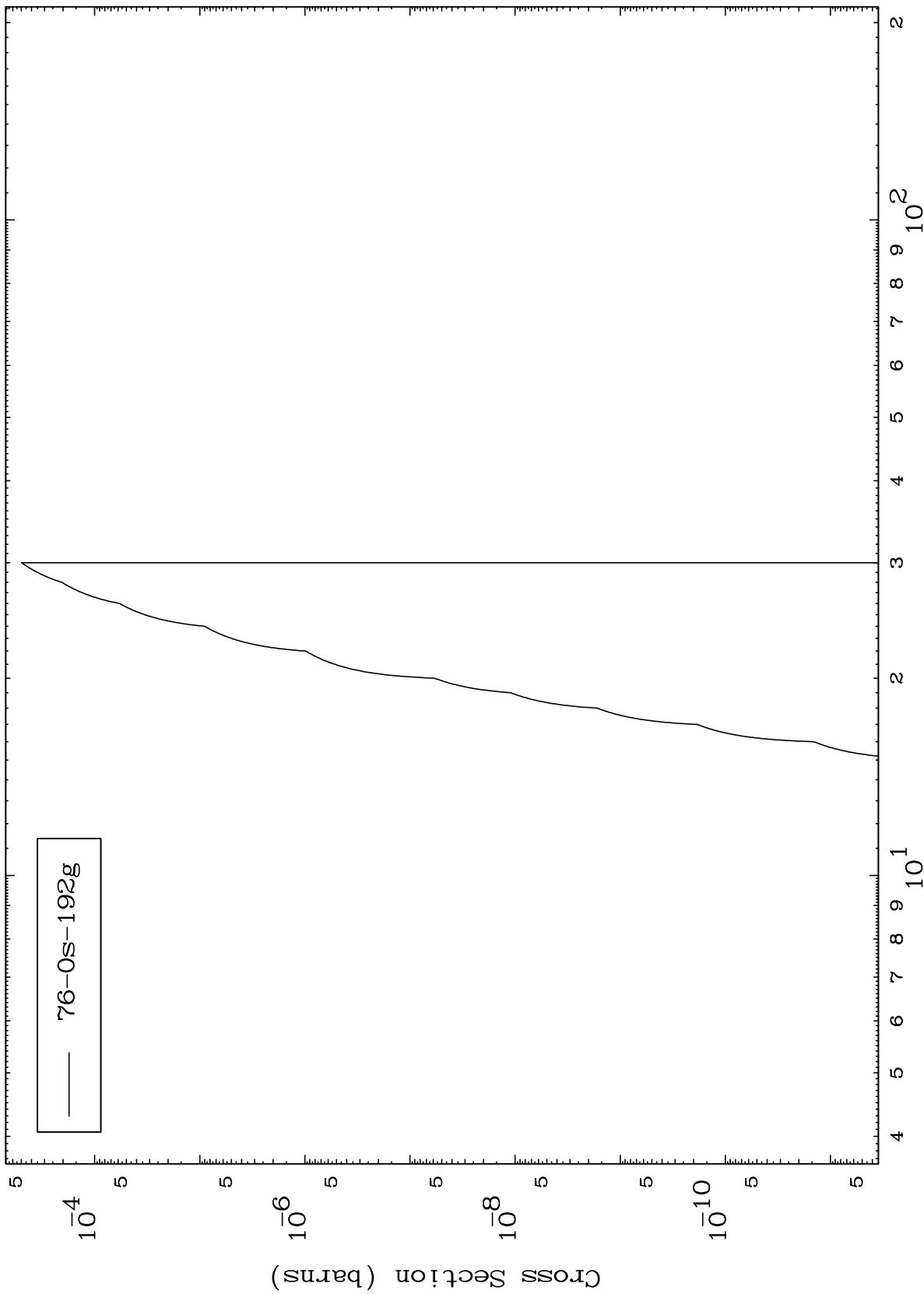
77-Ir-194m

26

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77-Ir-194m

(n,He-3)
Radionuclide Production Cross Section



27

77-Ir-194m

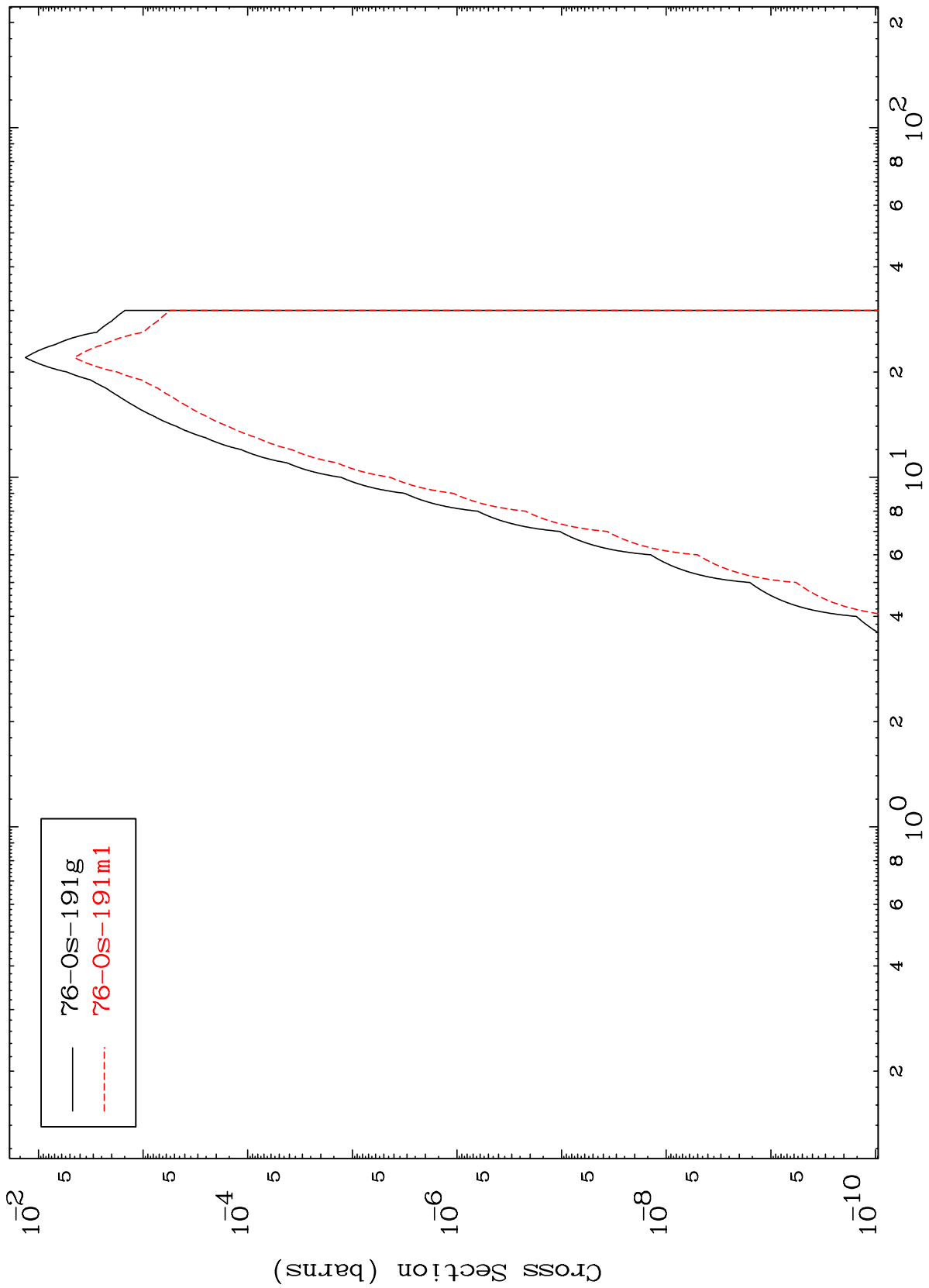
Incident Energy (MeV)

MAT 7735

(n, α)

⁷⁷Ir-194m

Radionuclide Production Cross Section



76-Os-191g
76-Os-191m1

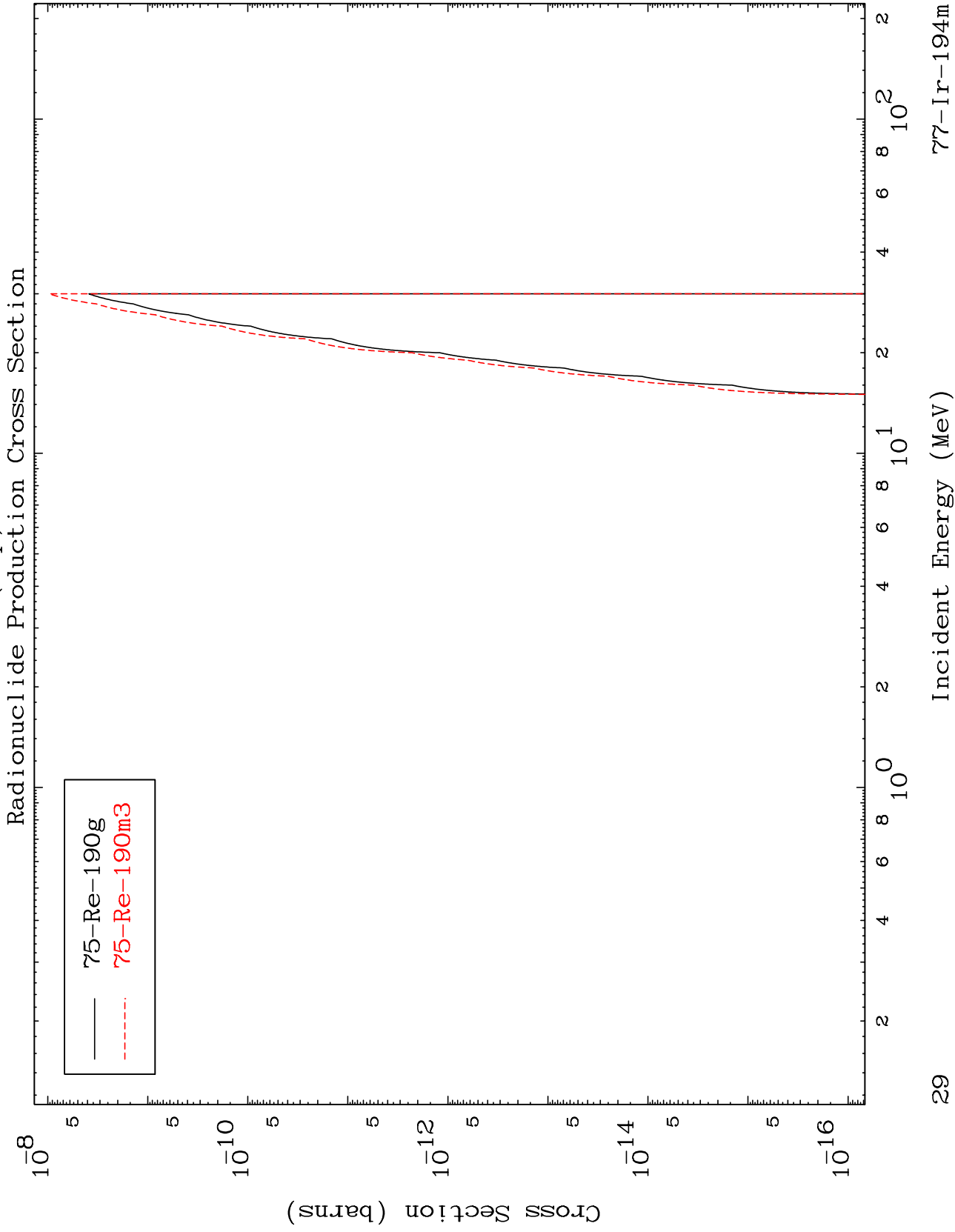
Incident Energy (MeV)

⁷⁷Ir-194m

MAT 7735

(n,p) α

⁷⁷Ir-194m

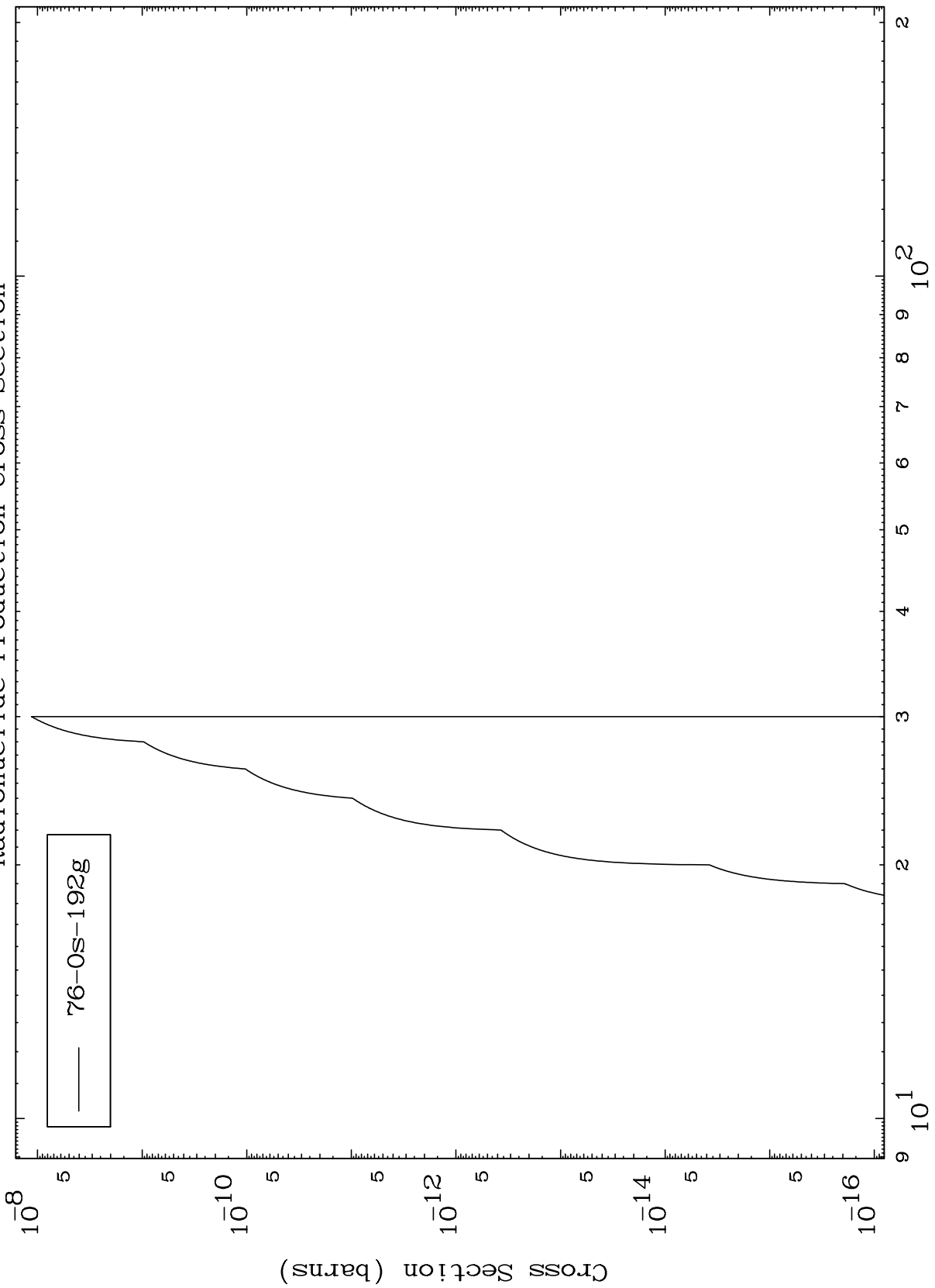


MAT 7735

(n,p) d

77-Ir-194m

Radionuclide Production Cross Section



76-Os-192g

Incident Energy (MeV)

77-Ir-194m

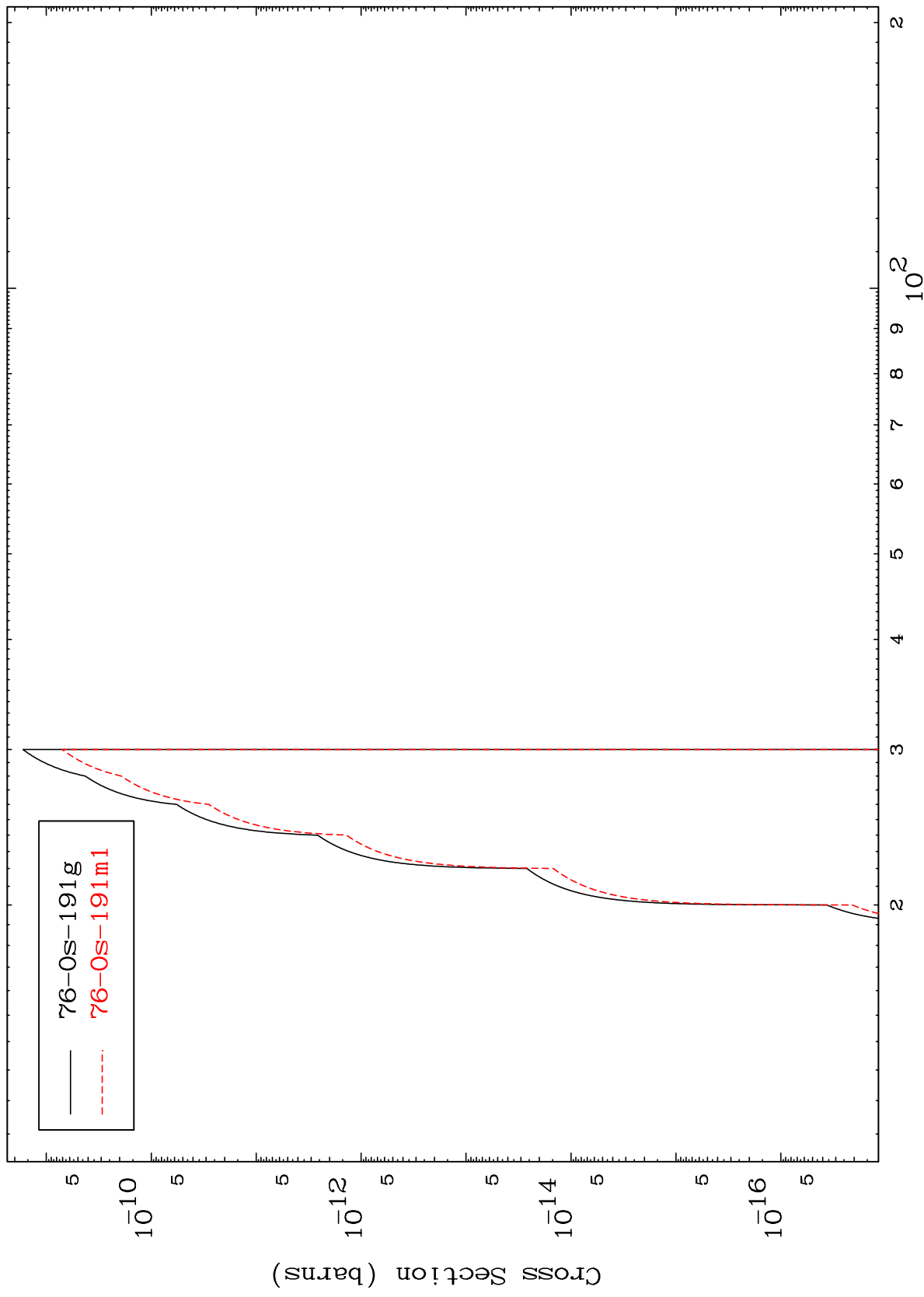
30

MAT 7735

(n,p) t

77-Ir-194m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-194m