

Program EVALPLOT
(Version 2021-1)

by

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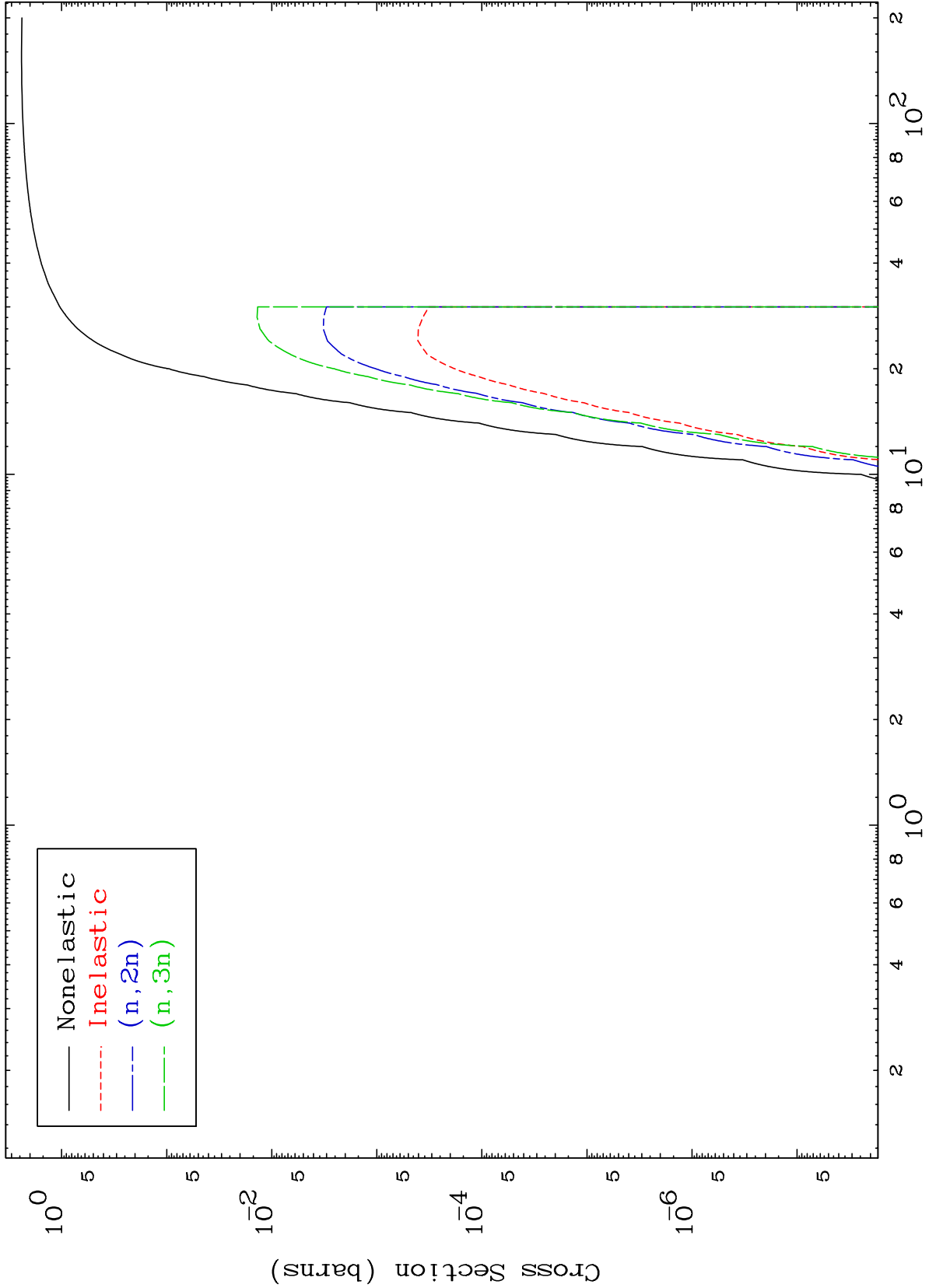
Press Mouse Button to Start

MAT 7740

He-3 Major

0 Kelvin Cross Sections

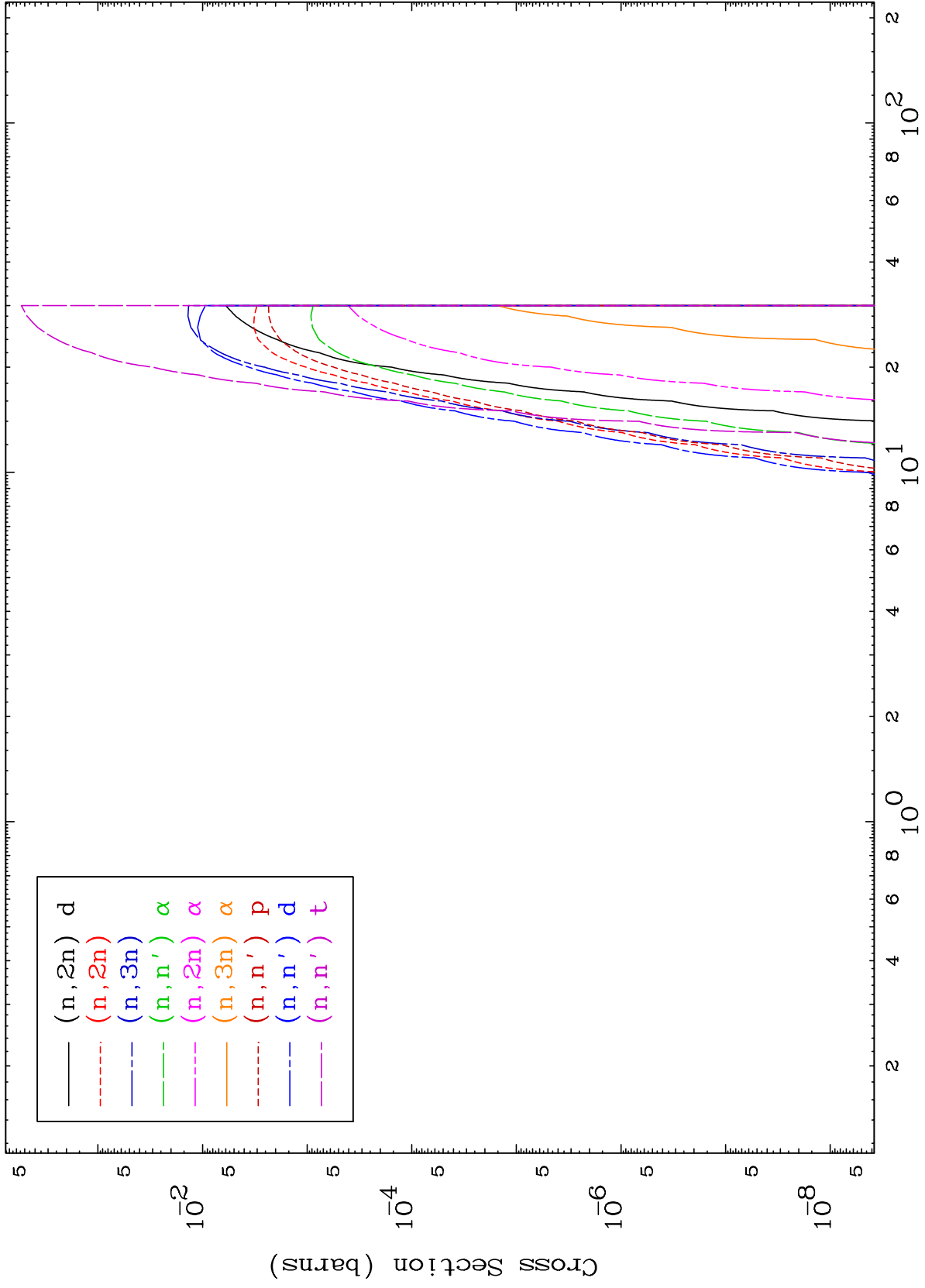
77-Ir-196



MAT 7740

He-3 Neutron Absorption
0 Kelvin Cross Sections

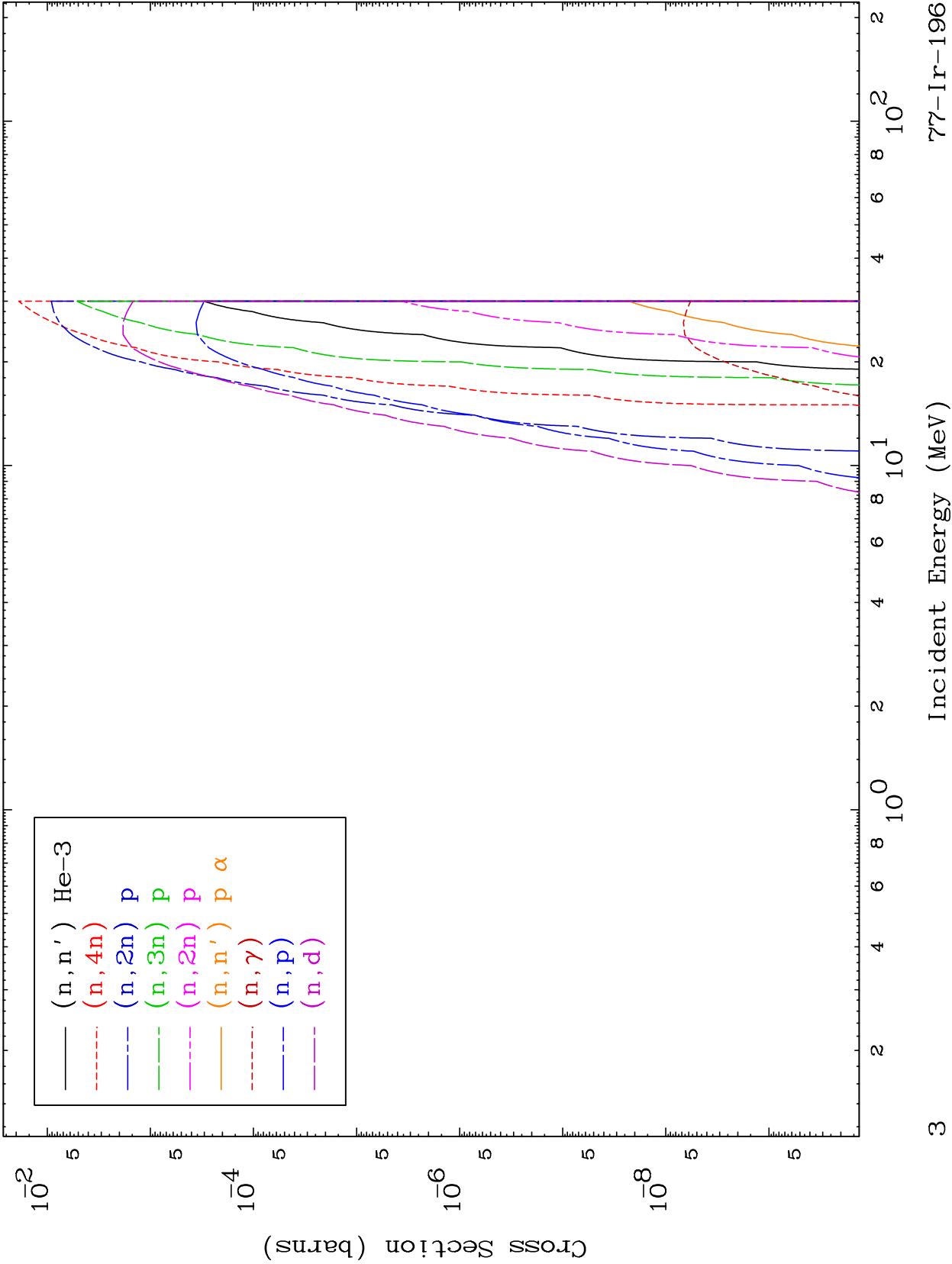
77-Ir-196



MAT 7740

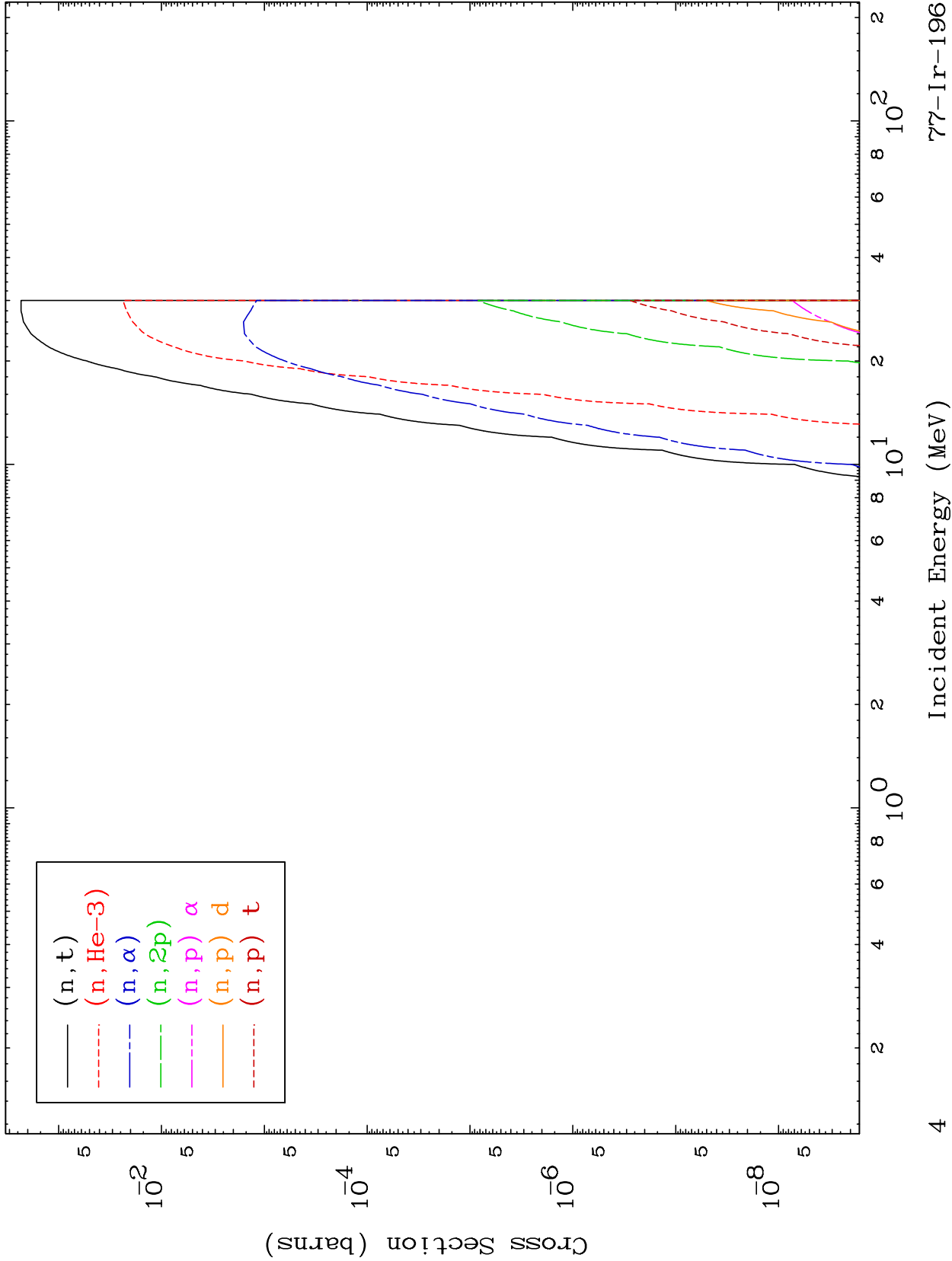
He-3 Neutron Absorption
0 Kelvin Cross Sections

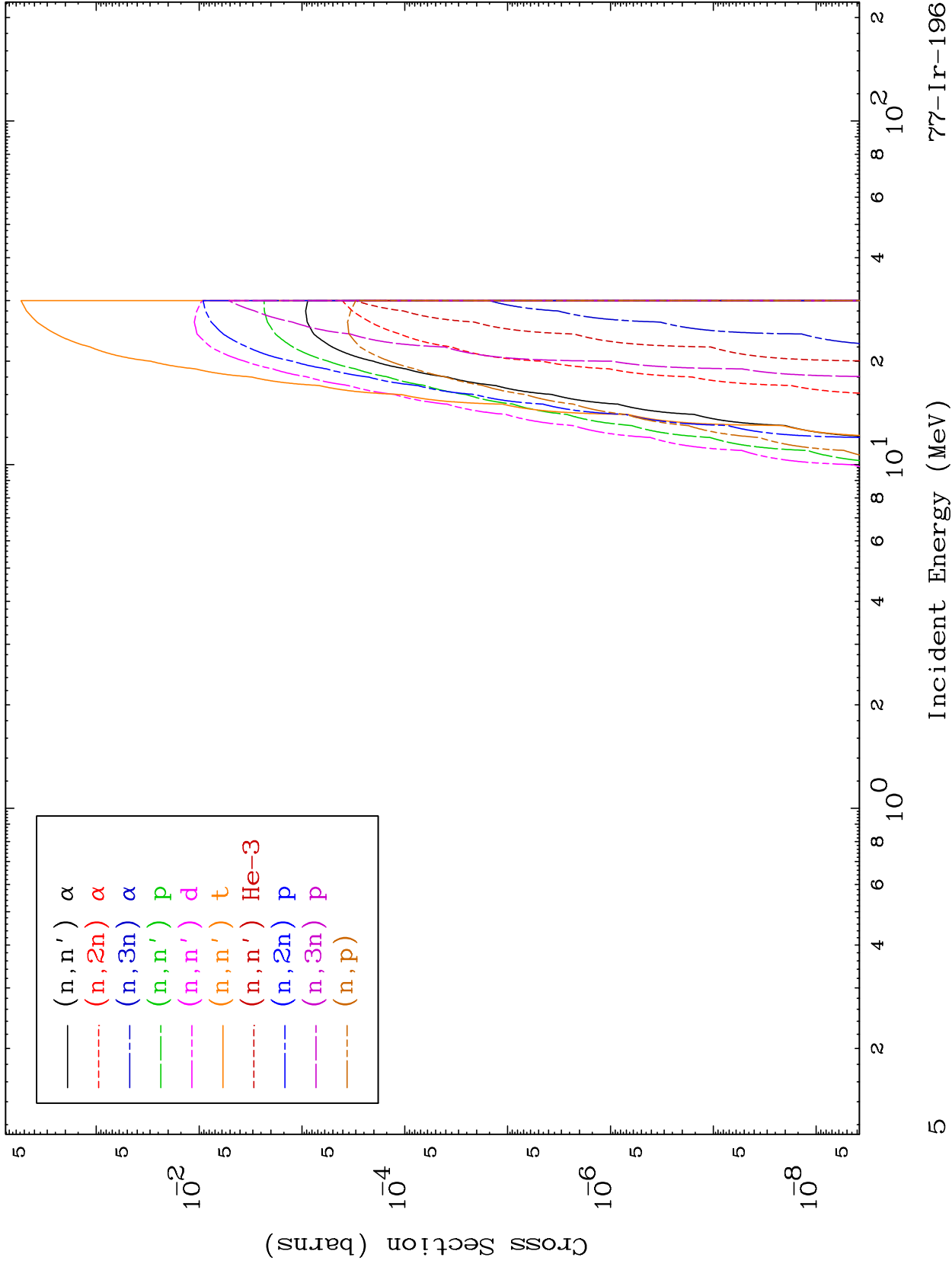
77-Ir-196

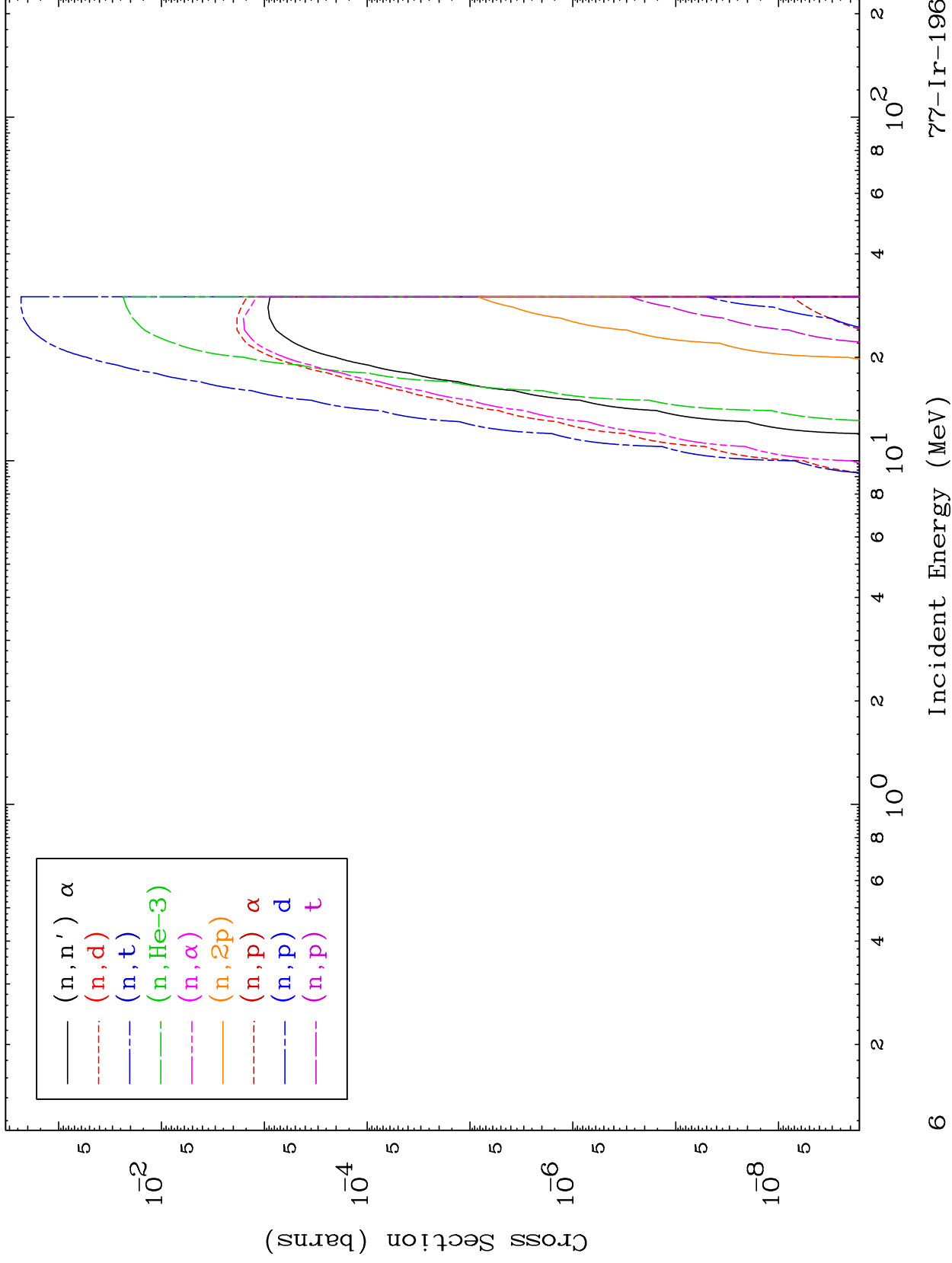


77-Ir-196

Incident Energy (MeV)



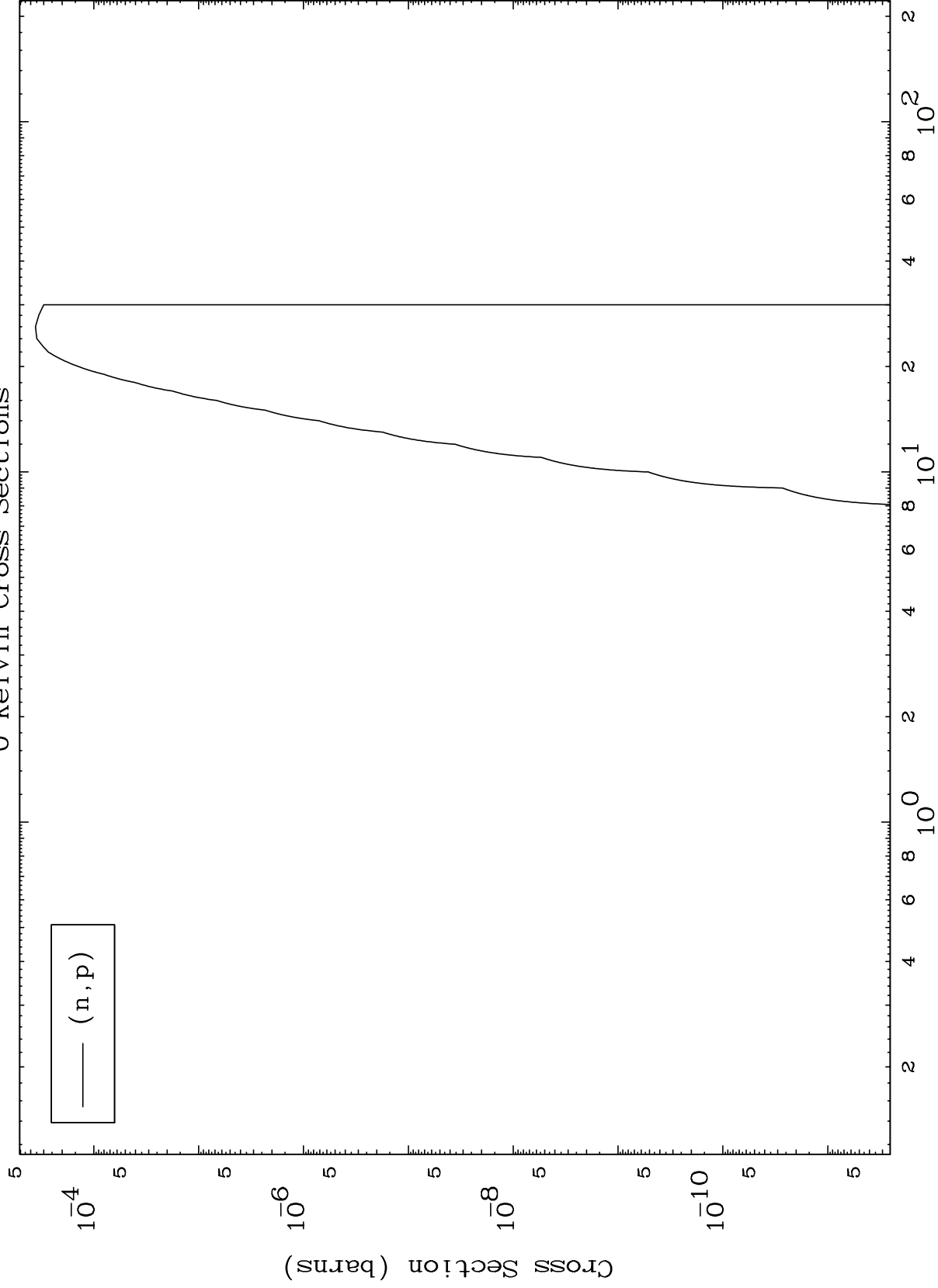




MAT 7740

77-Ir-196

(He-3,p) Levels
0 Kelvin Cross Sections



77-Ir-196

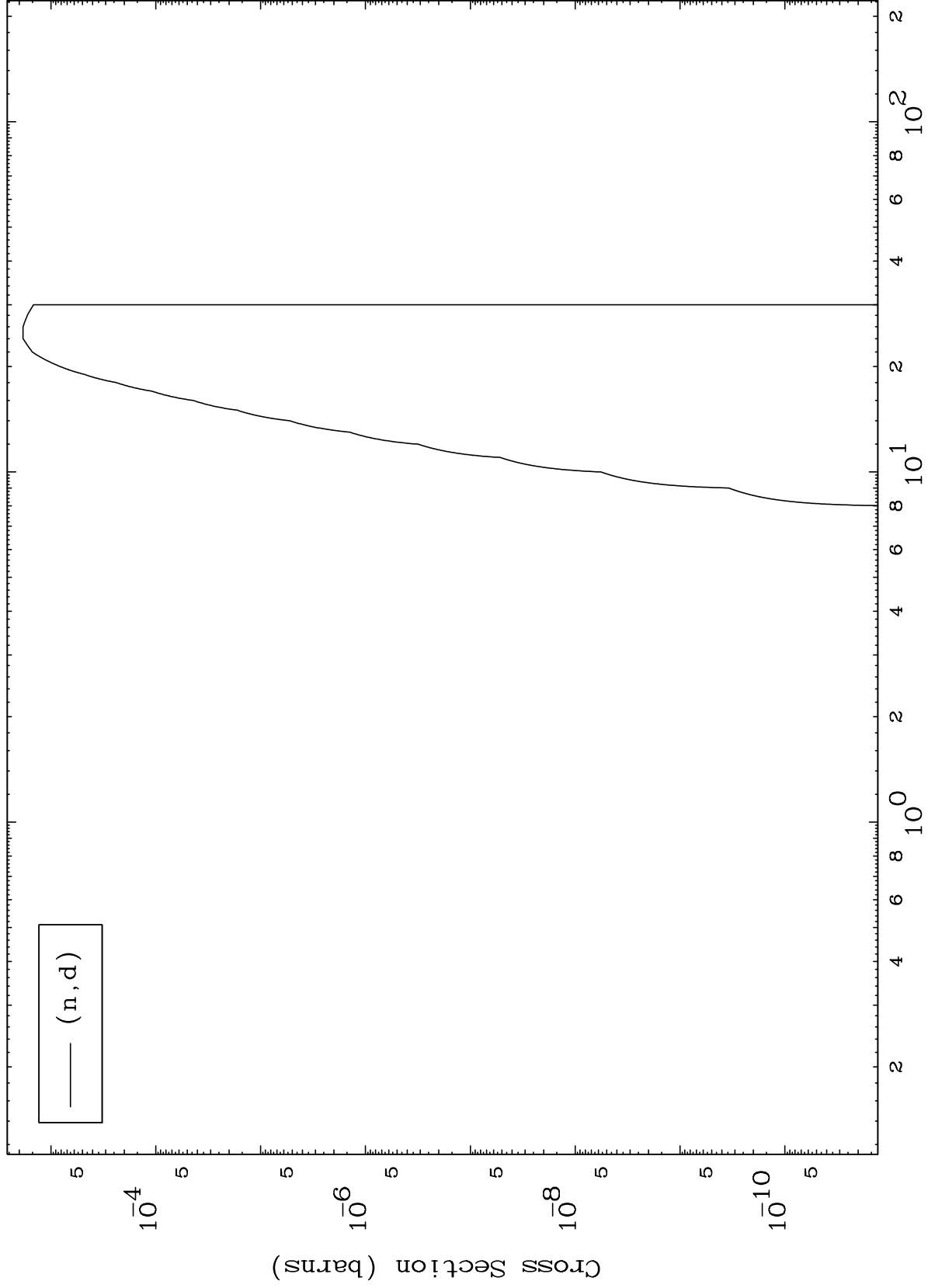
Incident Energy (MeV)

7

MAT 7740

77-Ir-196

(He-3,d) Levels
0 Kelvin Cross Sections



77-Ir-196

Incident Energy (MeV)

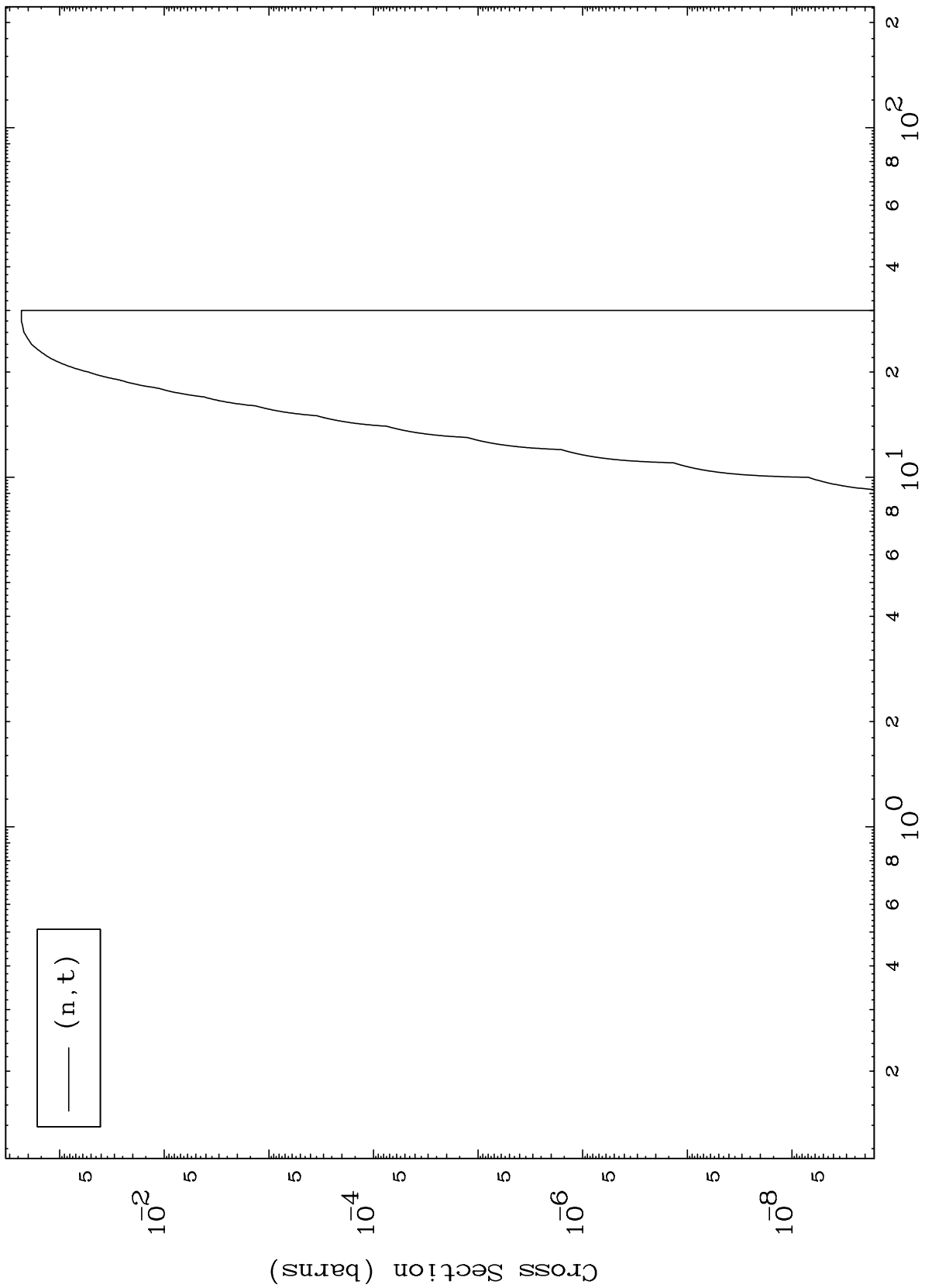
8

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(He-3,t) Levels

77-Ir-196

0 Kelvin Cross Sections

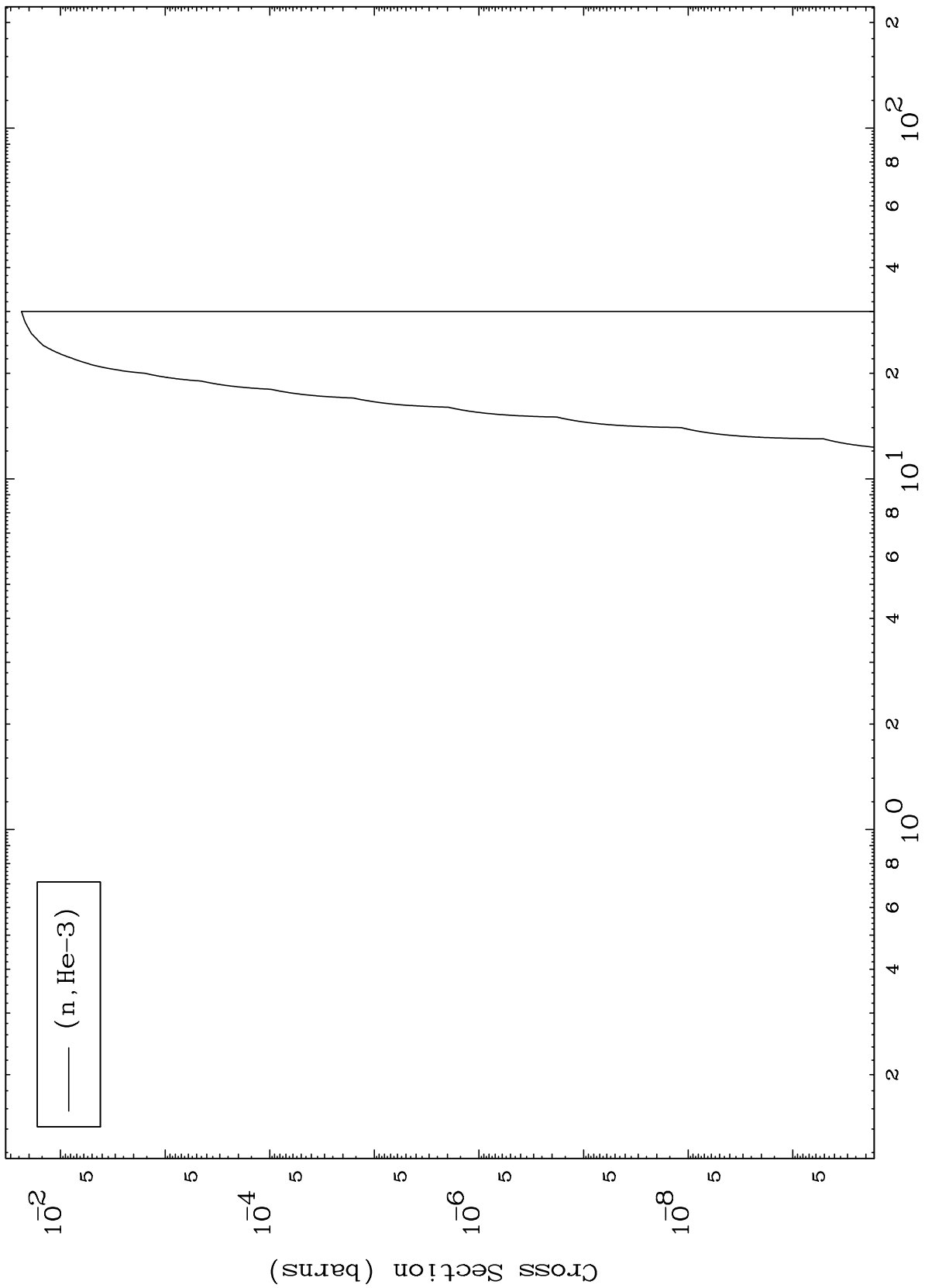


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(He-3, He3) Levels

77-Ir-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

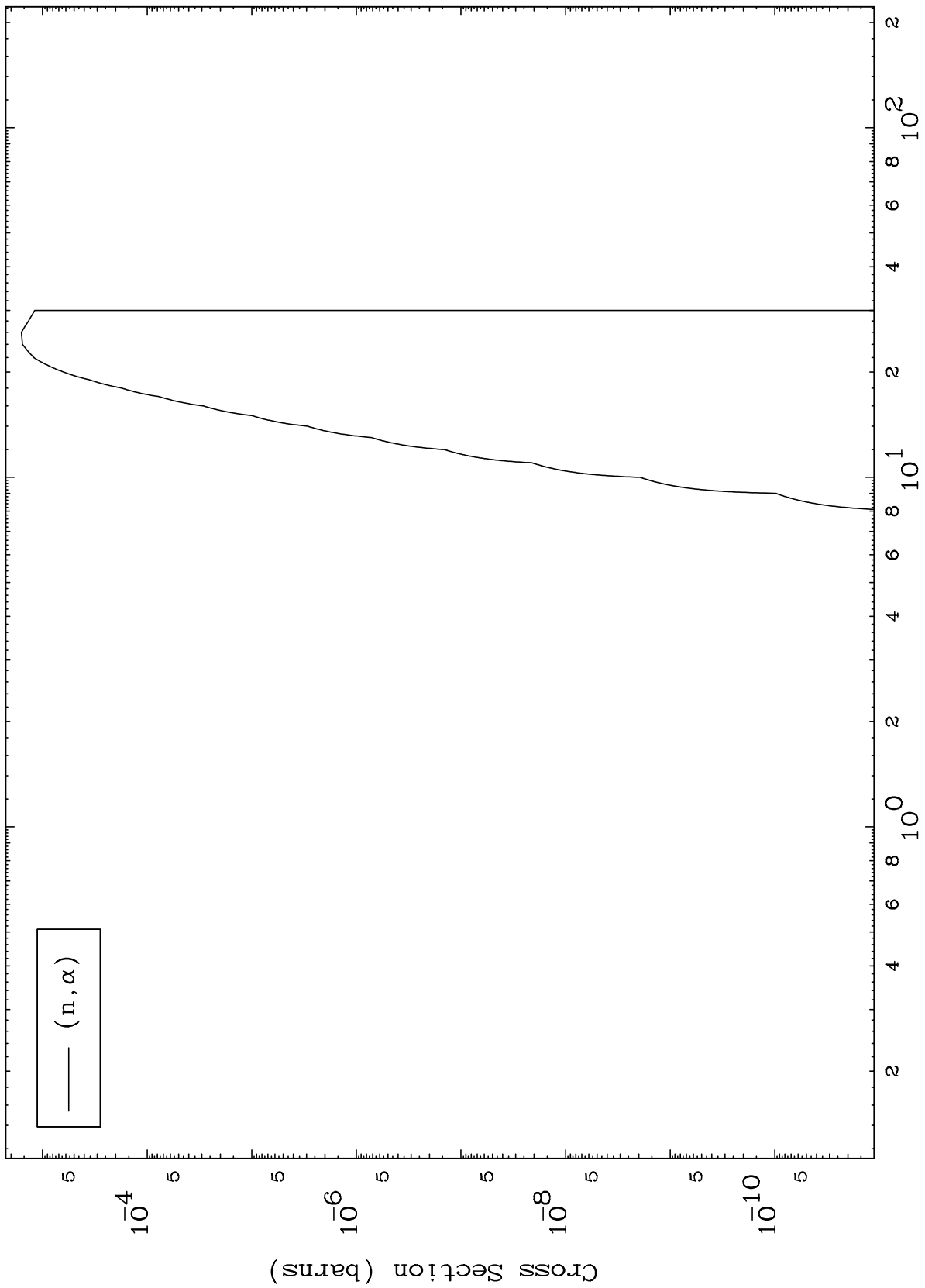
77-Ir-196

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(He-3, α) Levels

77-Ir-196

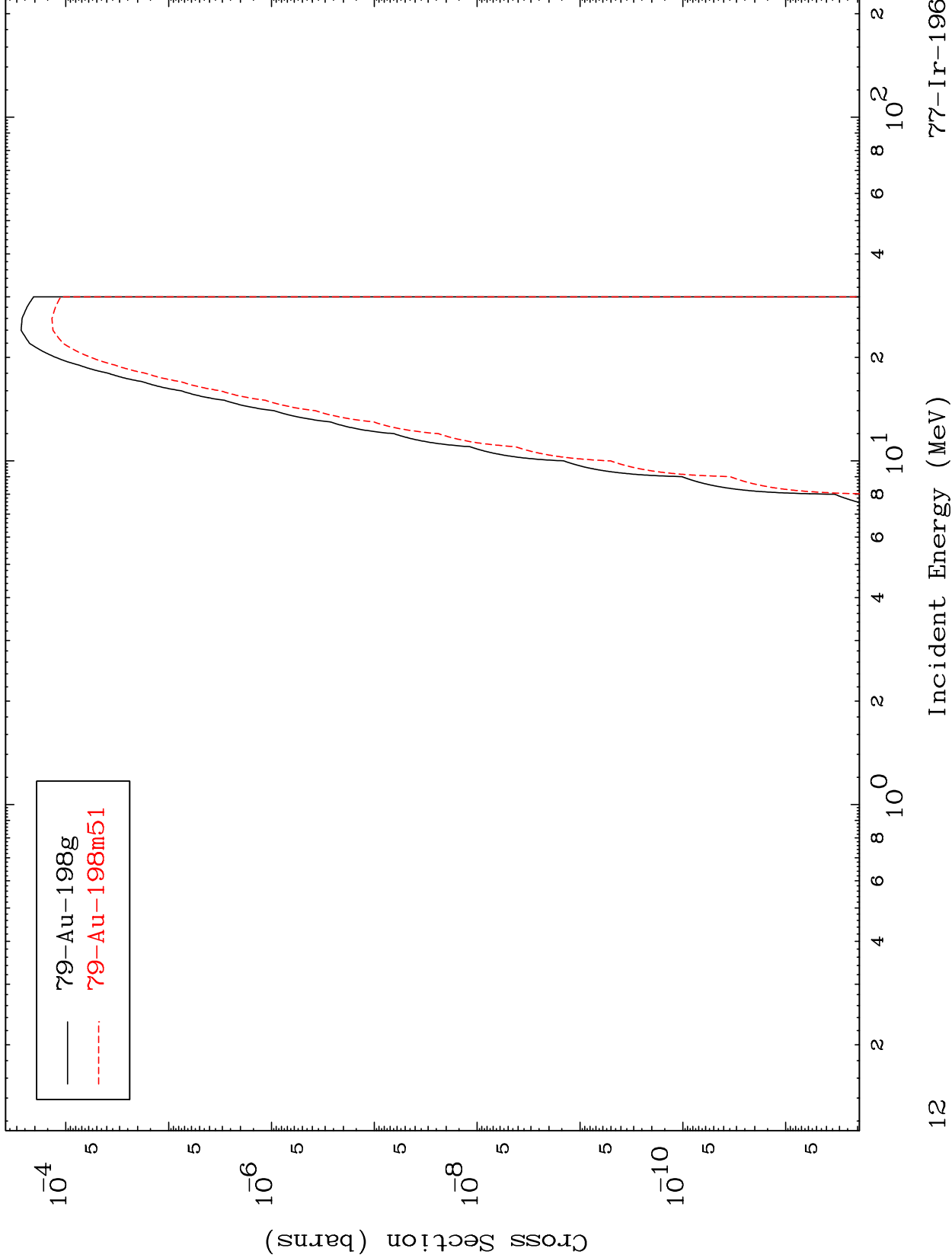
0 Kelvin Cross Sections



MAT 7740

Radionuclide Production Cross Section

⁷⁷Ir-196

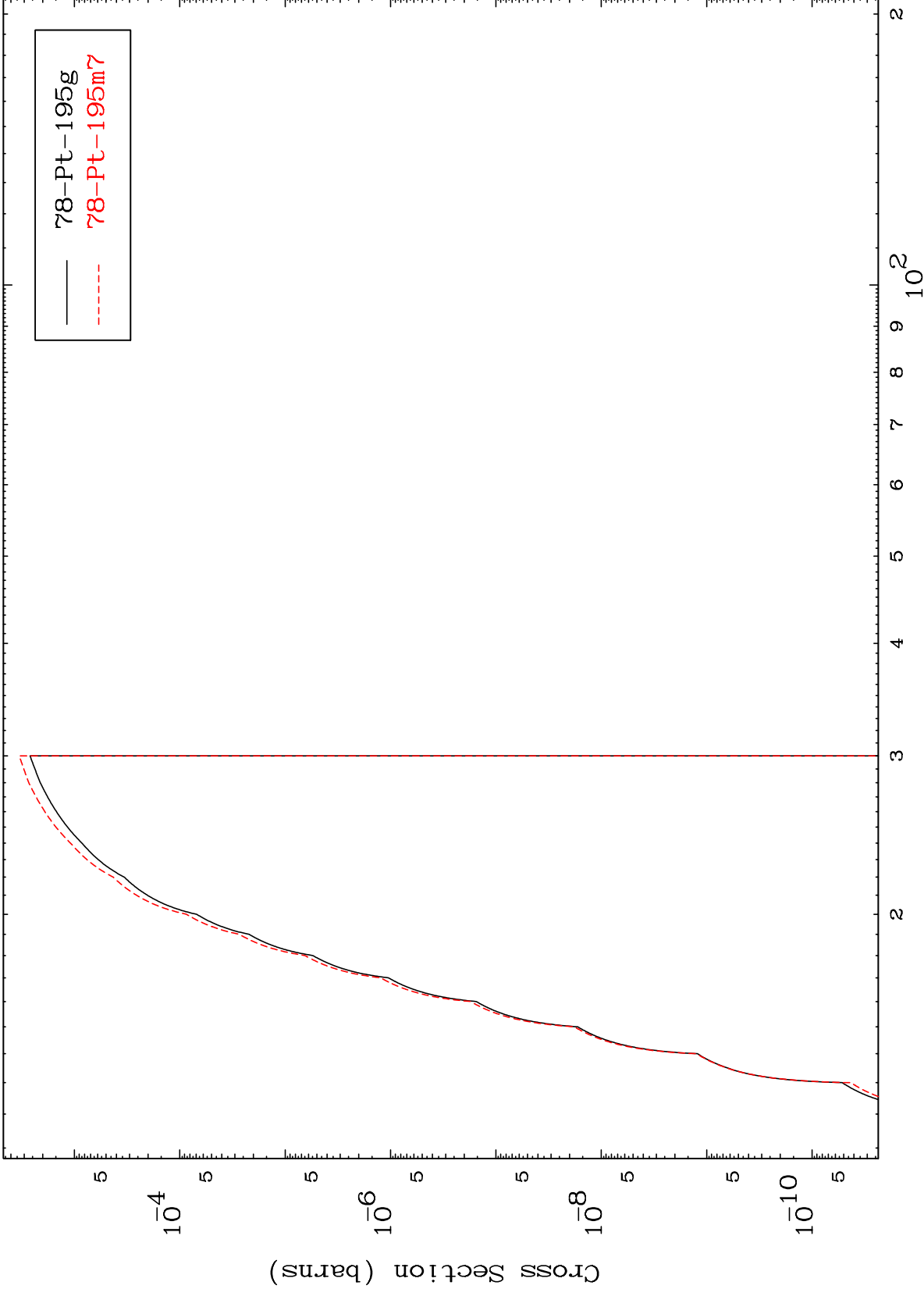


12

Incident Energy (MeV)

⁷⁷Ir-196

Radionuclide Production Cross Section

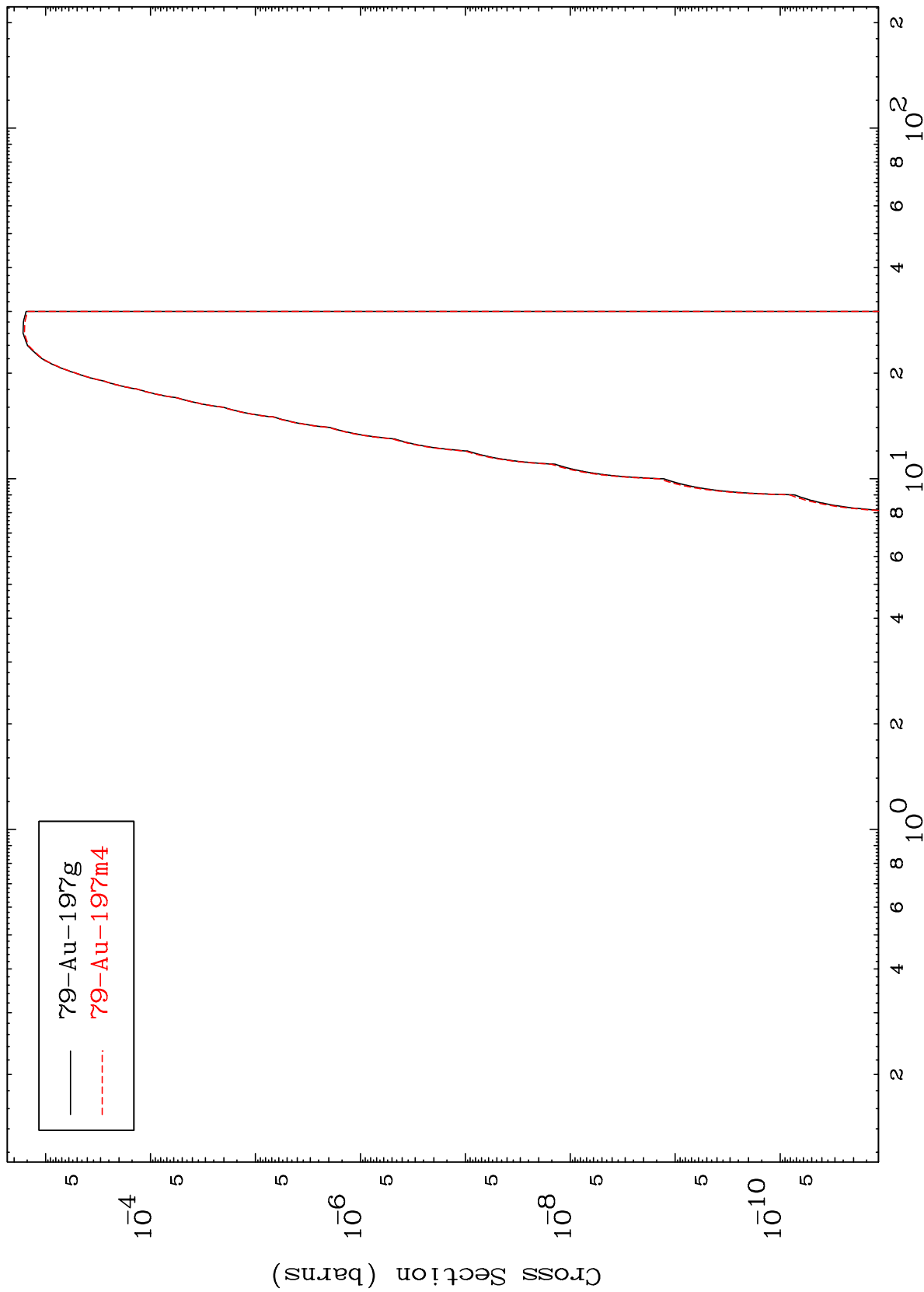


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77-Ir-196

(n,2n)

Radionuclide Production Cross Section



14

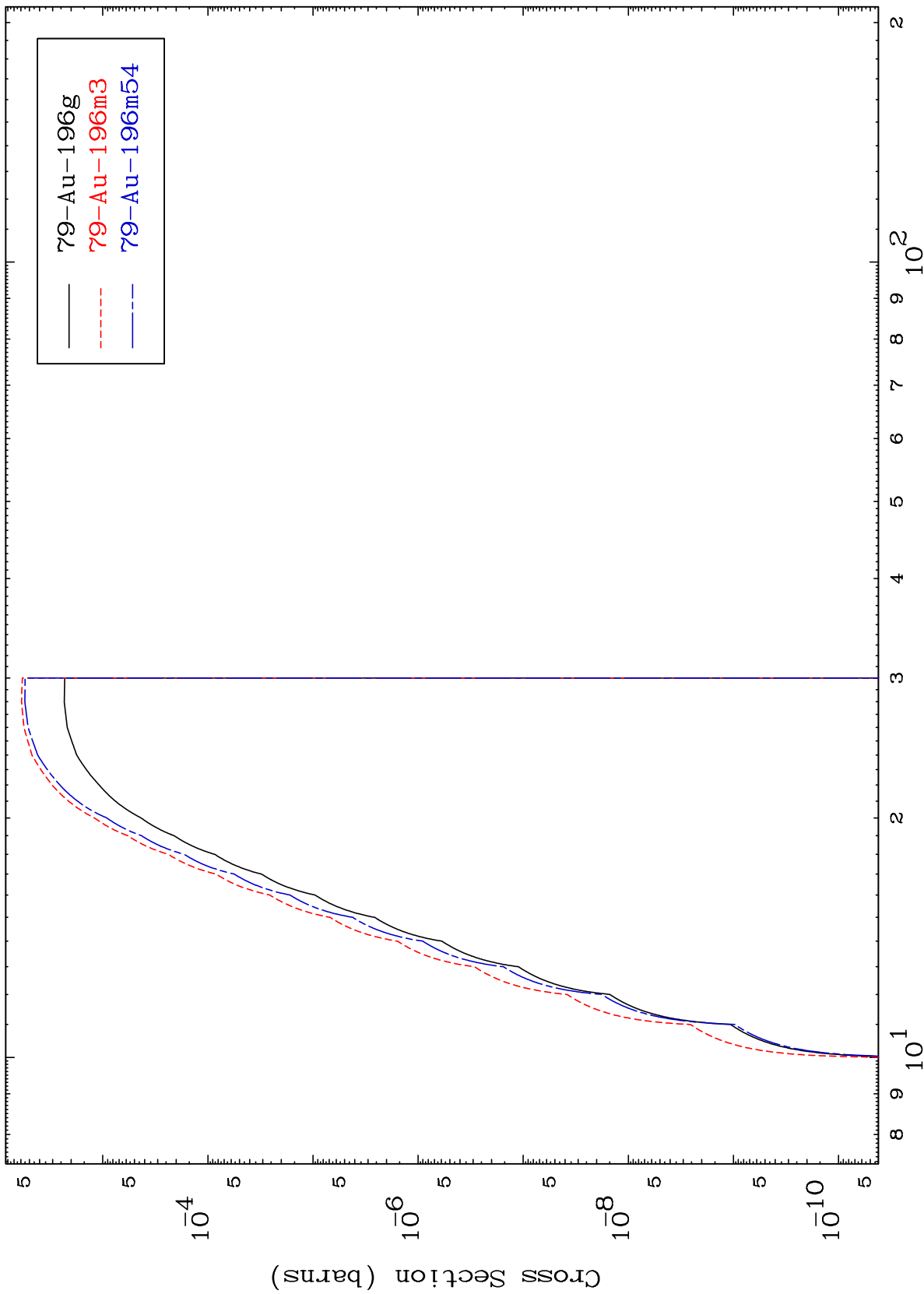
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(n,3n)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

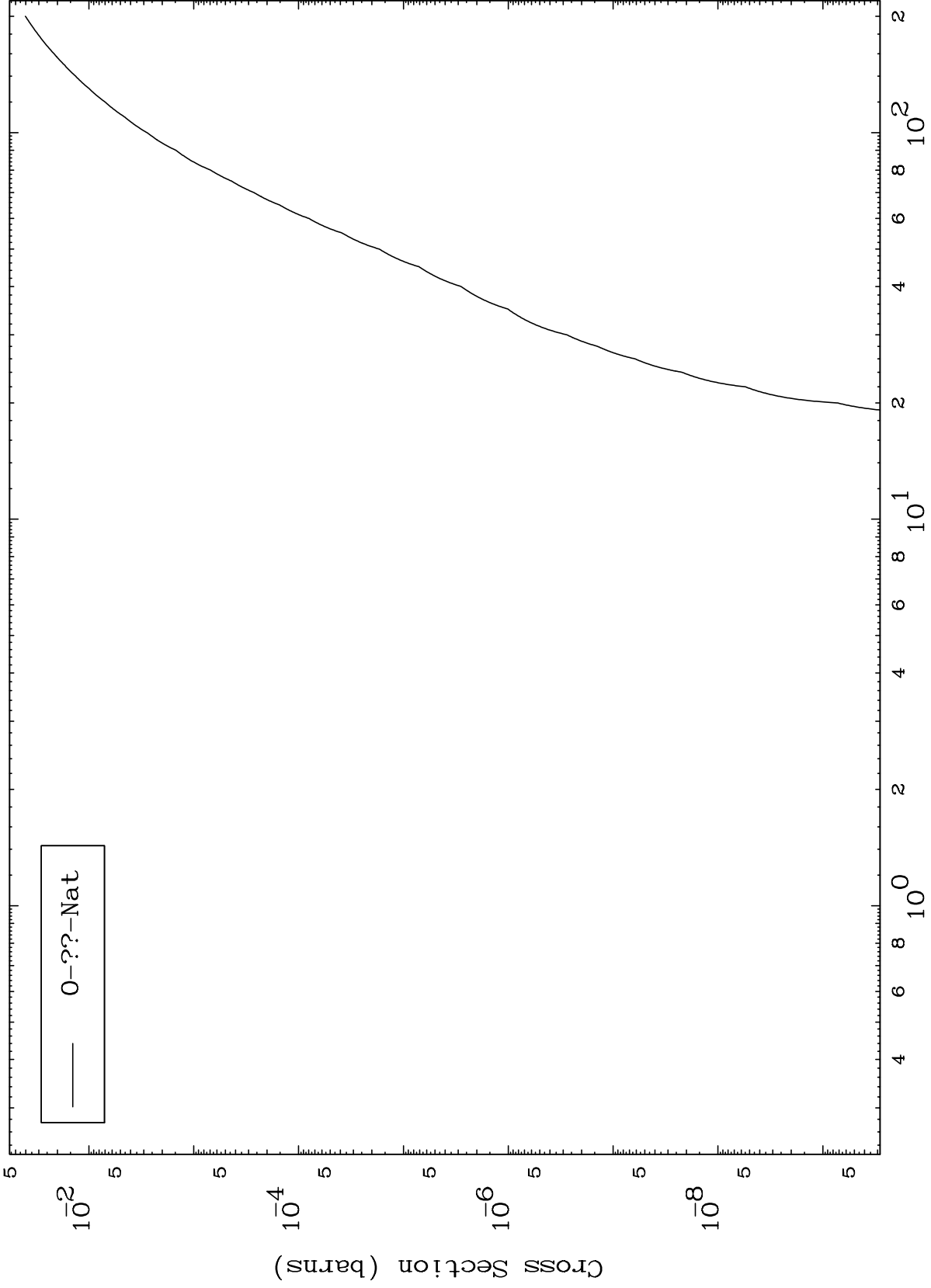
77-Ir-196

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Fission

77-Ir-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

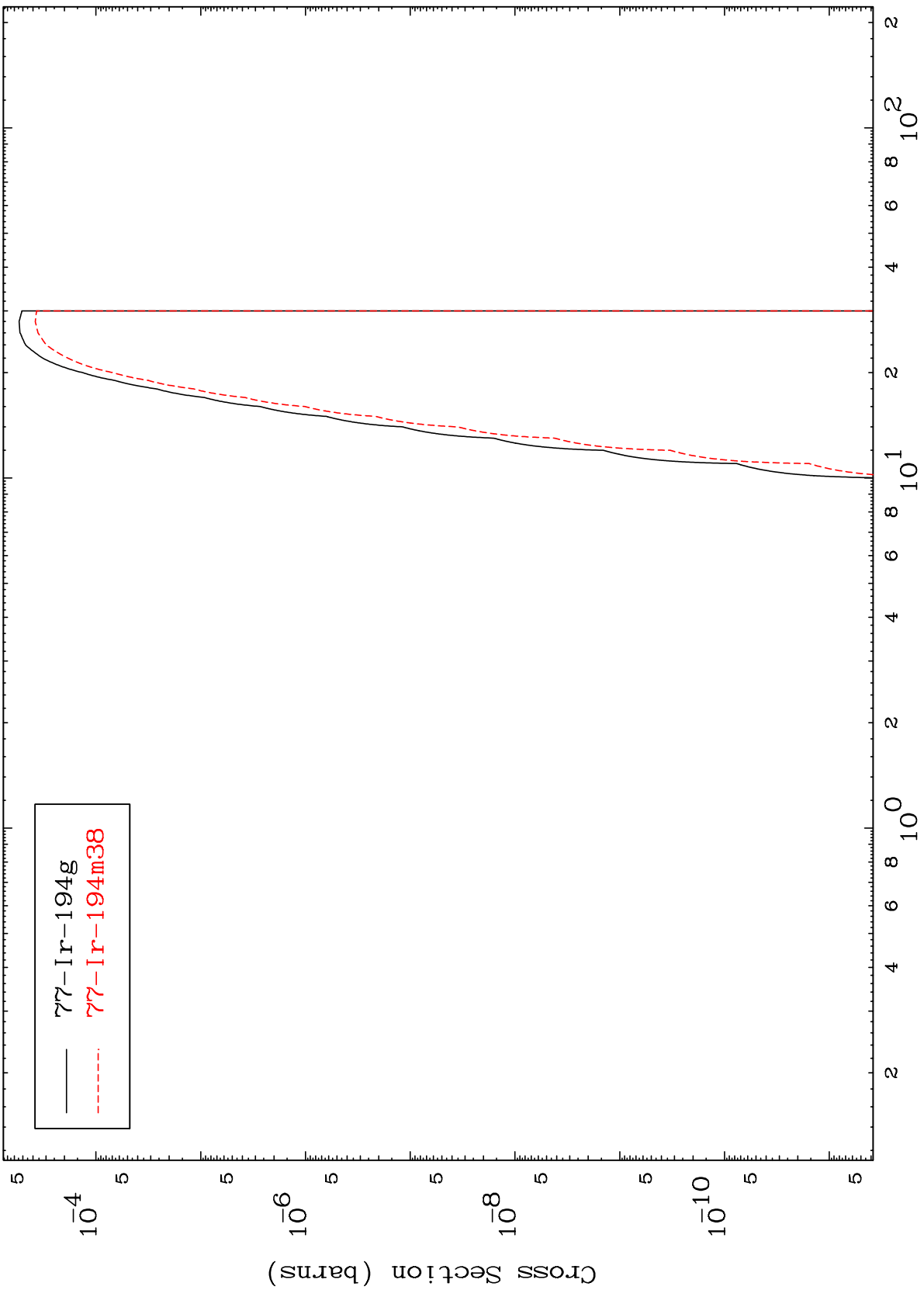
77-Ir-196

MAT 7740

$(n, n') \alpha$

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section



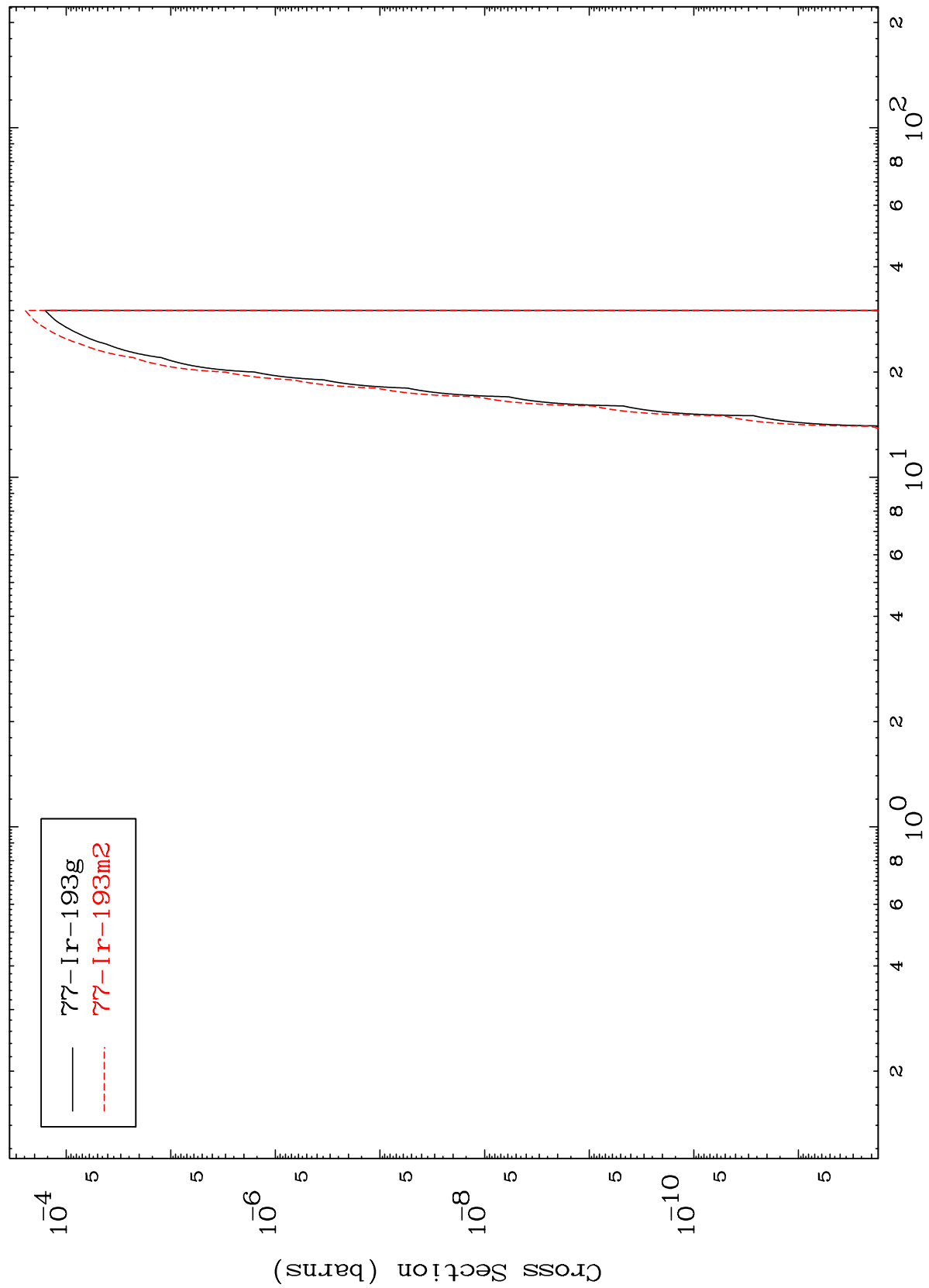
— $^{77}\text{Ir-194g}$
- - - $^{77}\text{Ir-194m38}$

MAT 7740

$(n,2n) \alpha$

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section

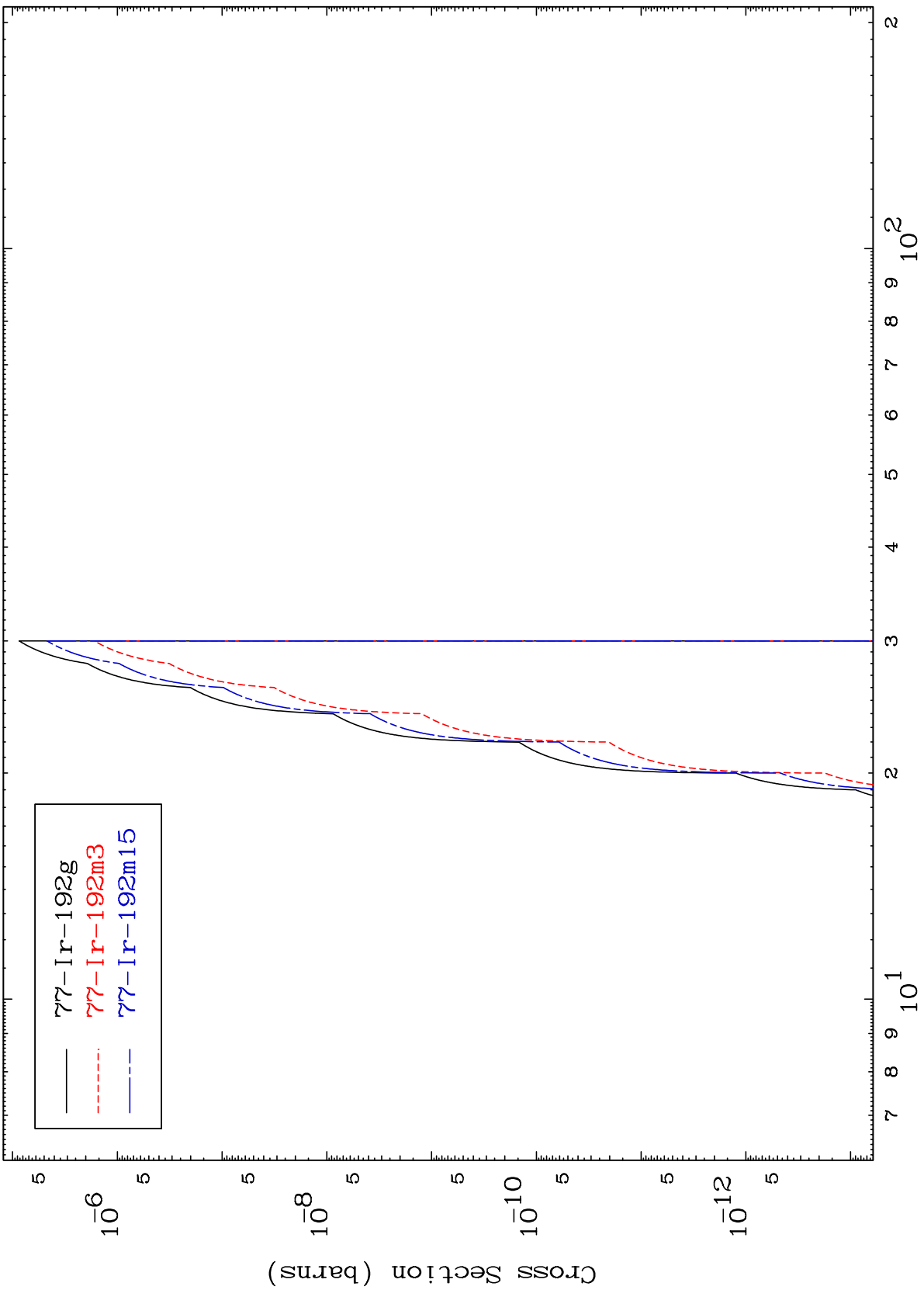


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(n,3n) α

⁷⁷Ir-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

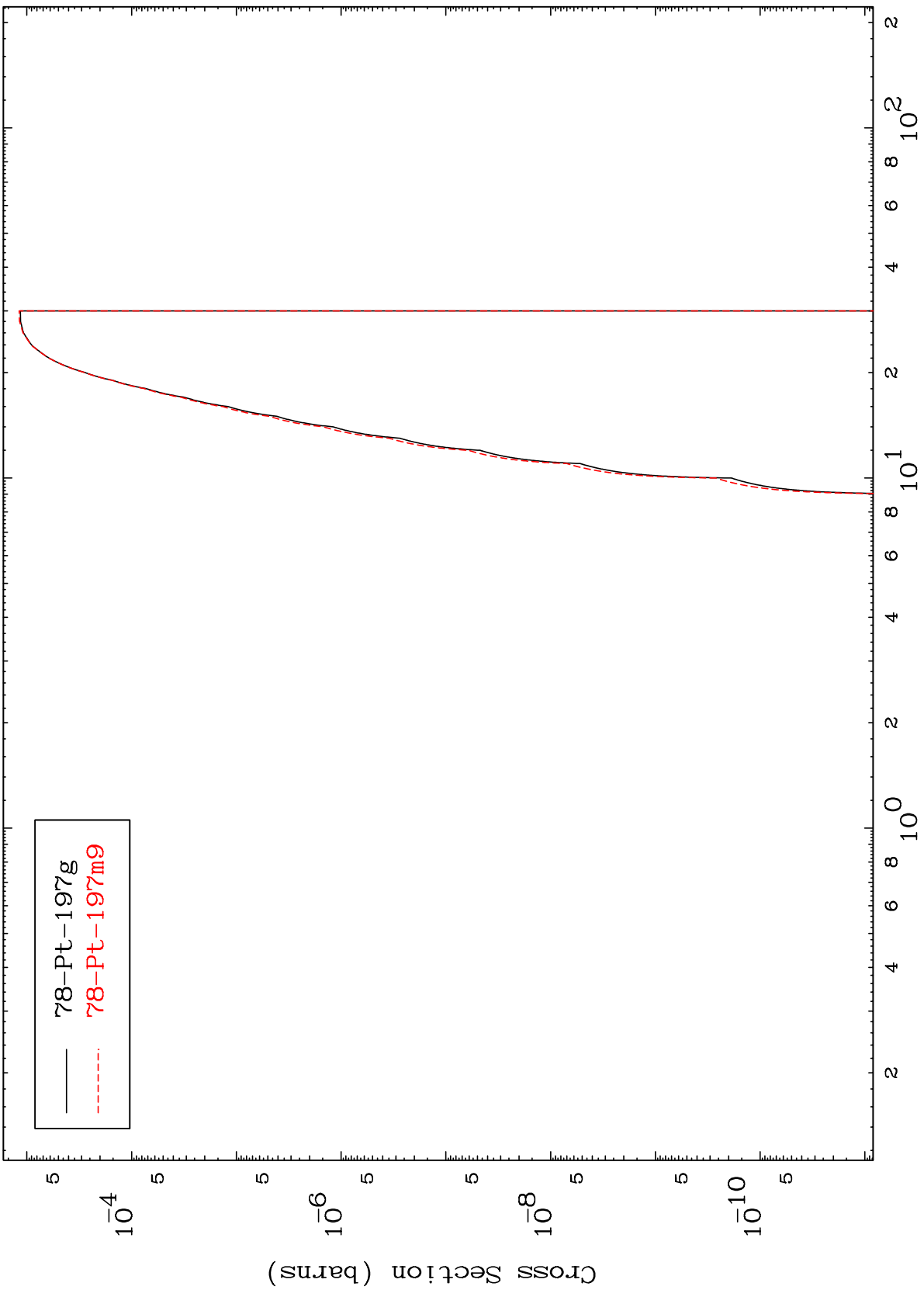
⁷⁷Ir-196

MAT 7740

(n,n') p

77-Ir-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

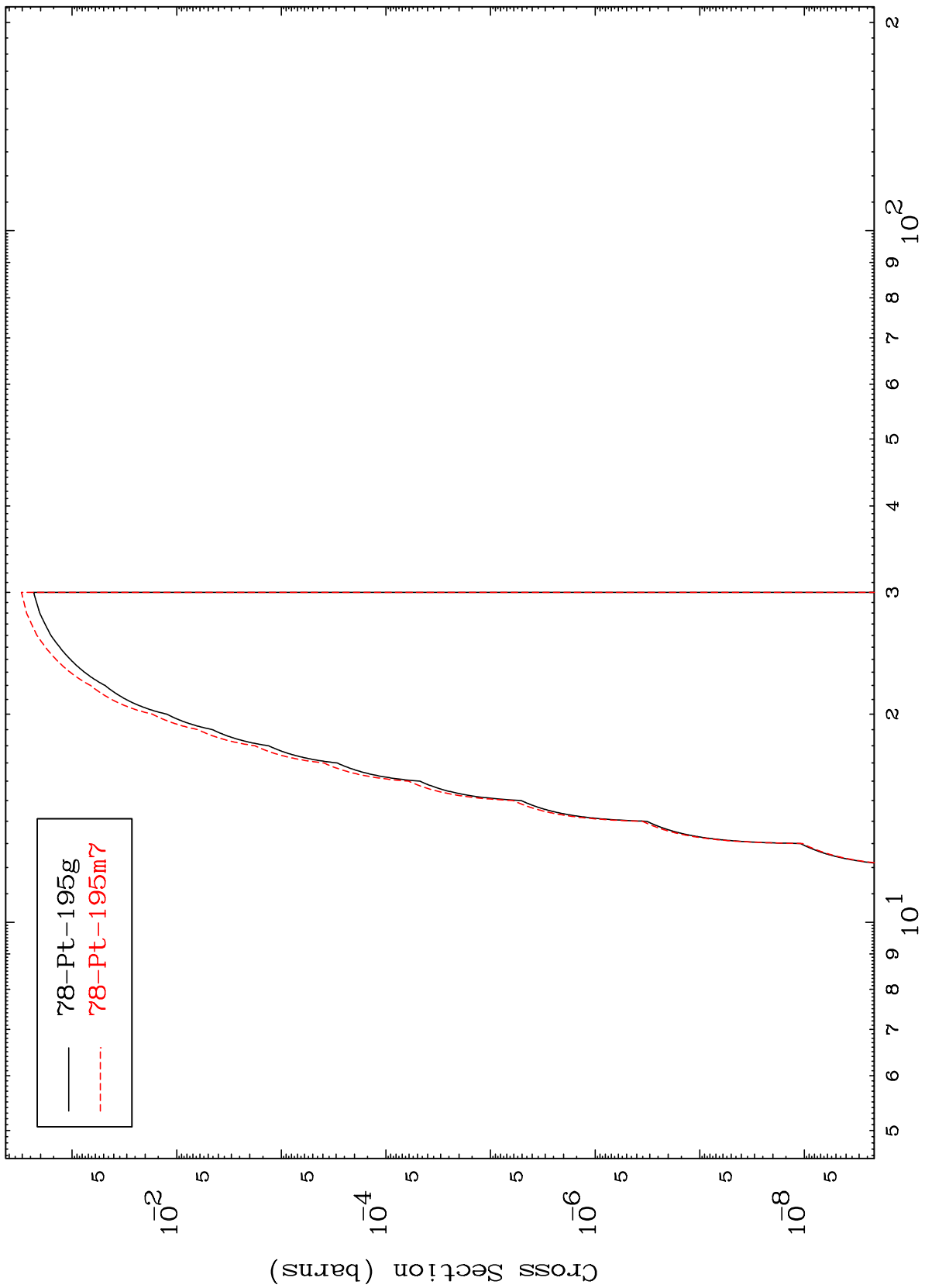
77-Ir-196

MAT 7740

(n,n') t

77-Ir-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

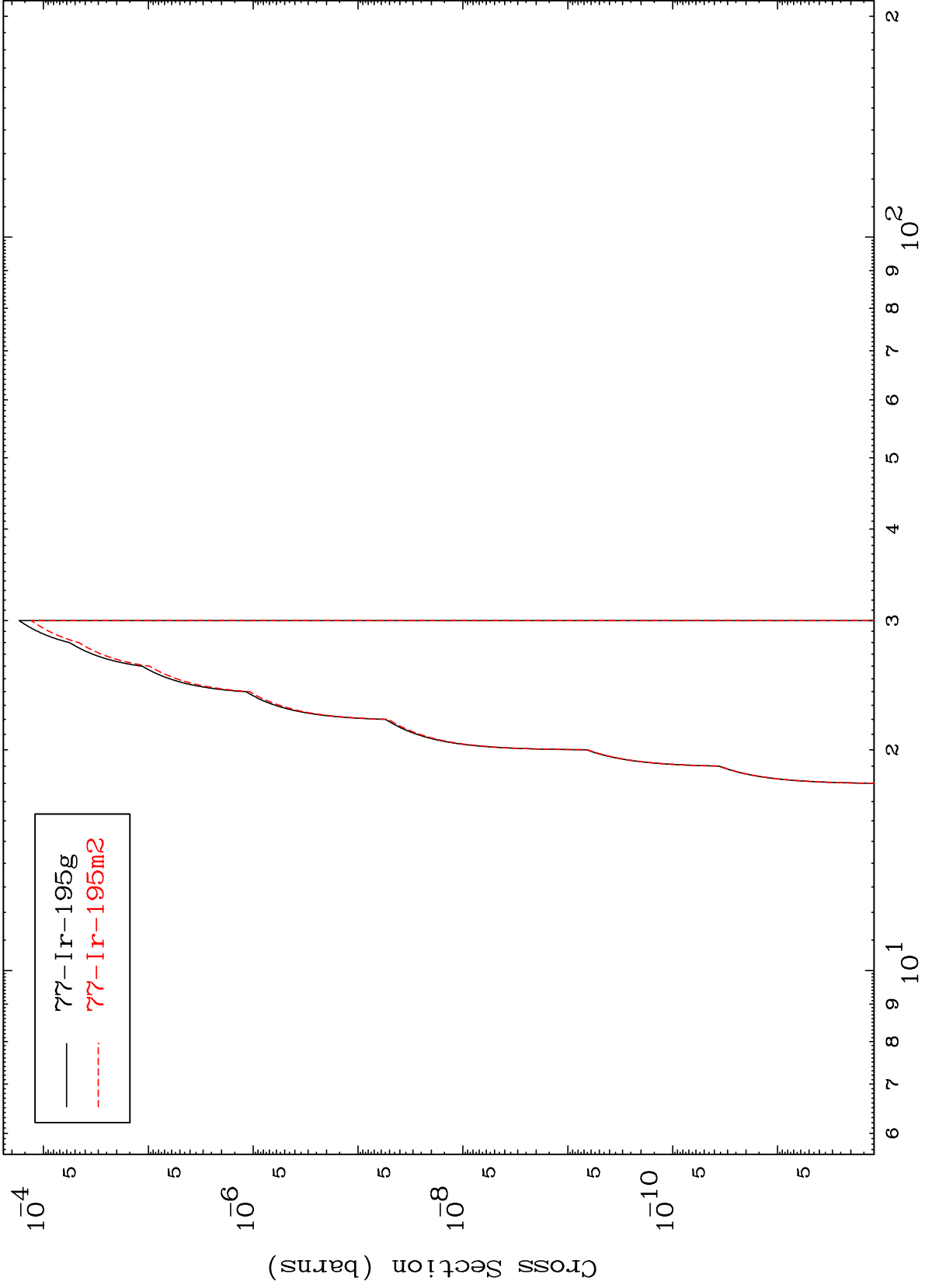
77-Ir-196

MAT 7740

(n,n') He-3

77-Ir-196

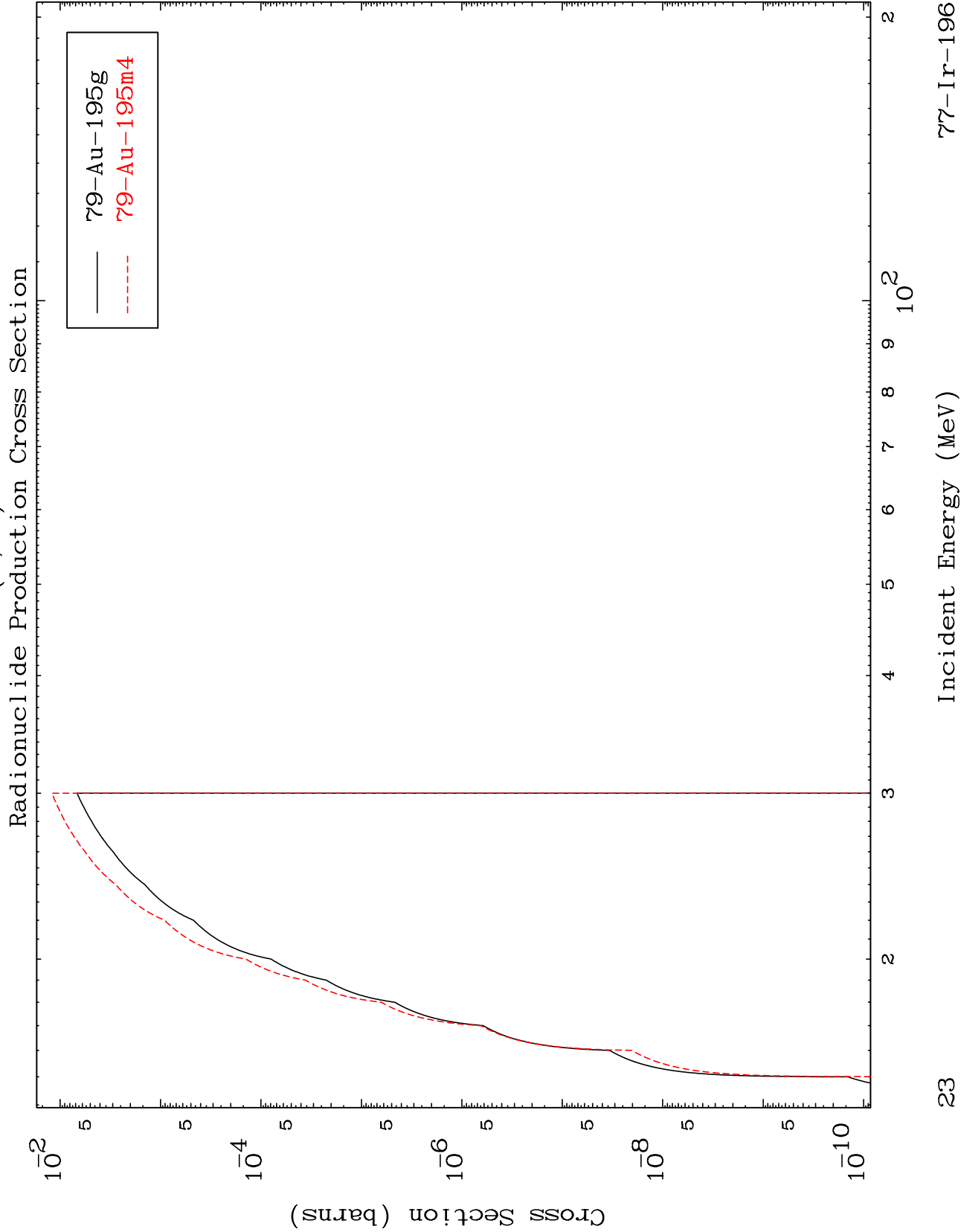
Radionuclide Production Cross Section



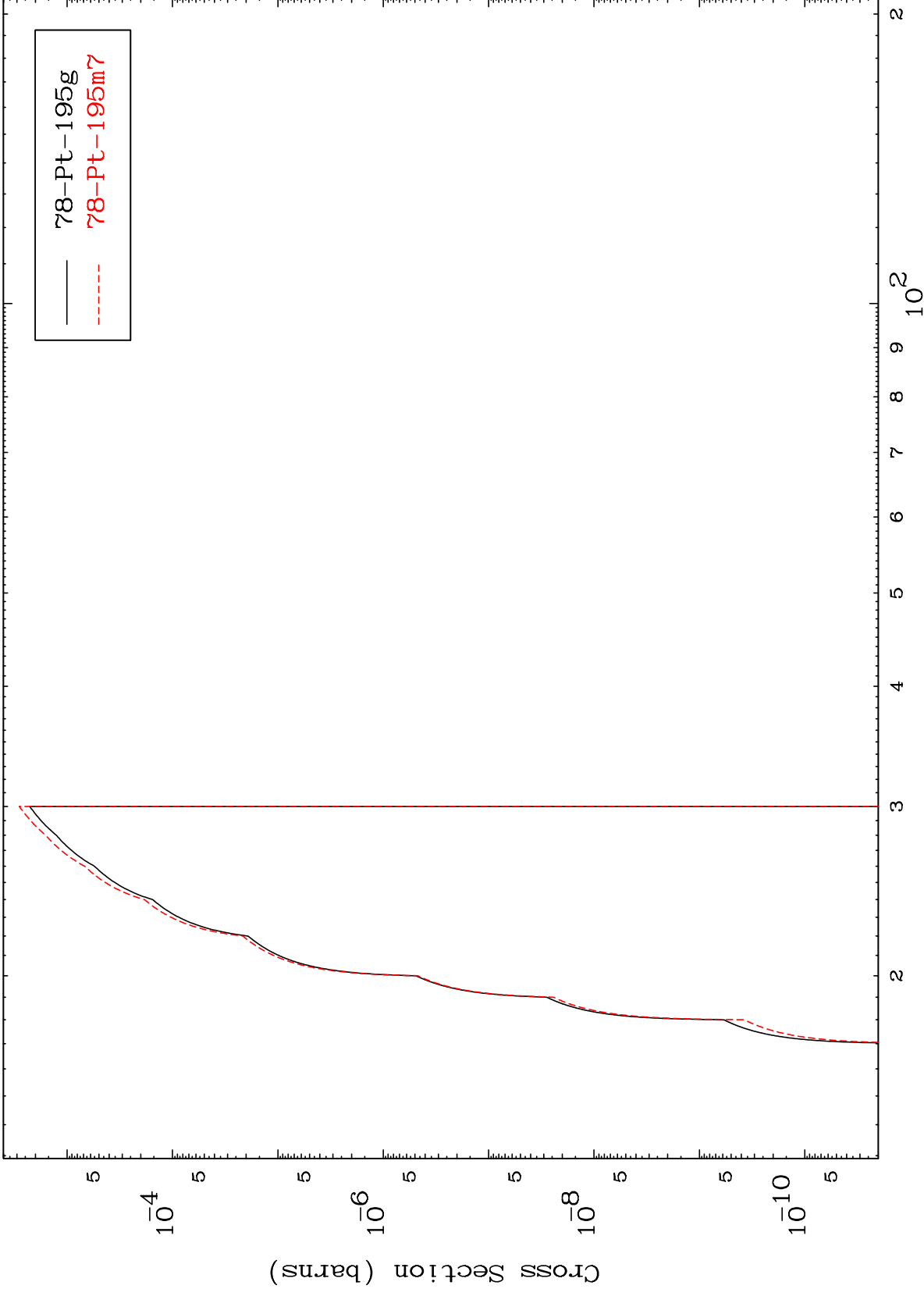
22

Incident Energy (MeV)

77-Ir-196



Radionuclide Production Cross Section

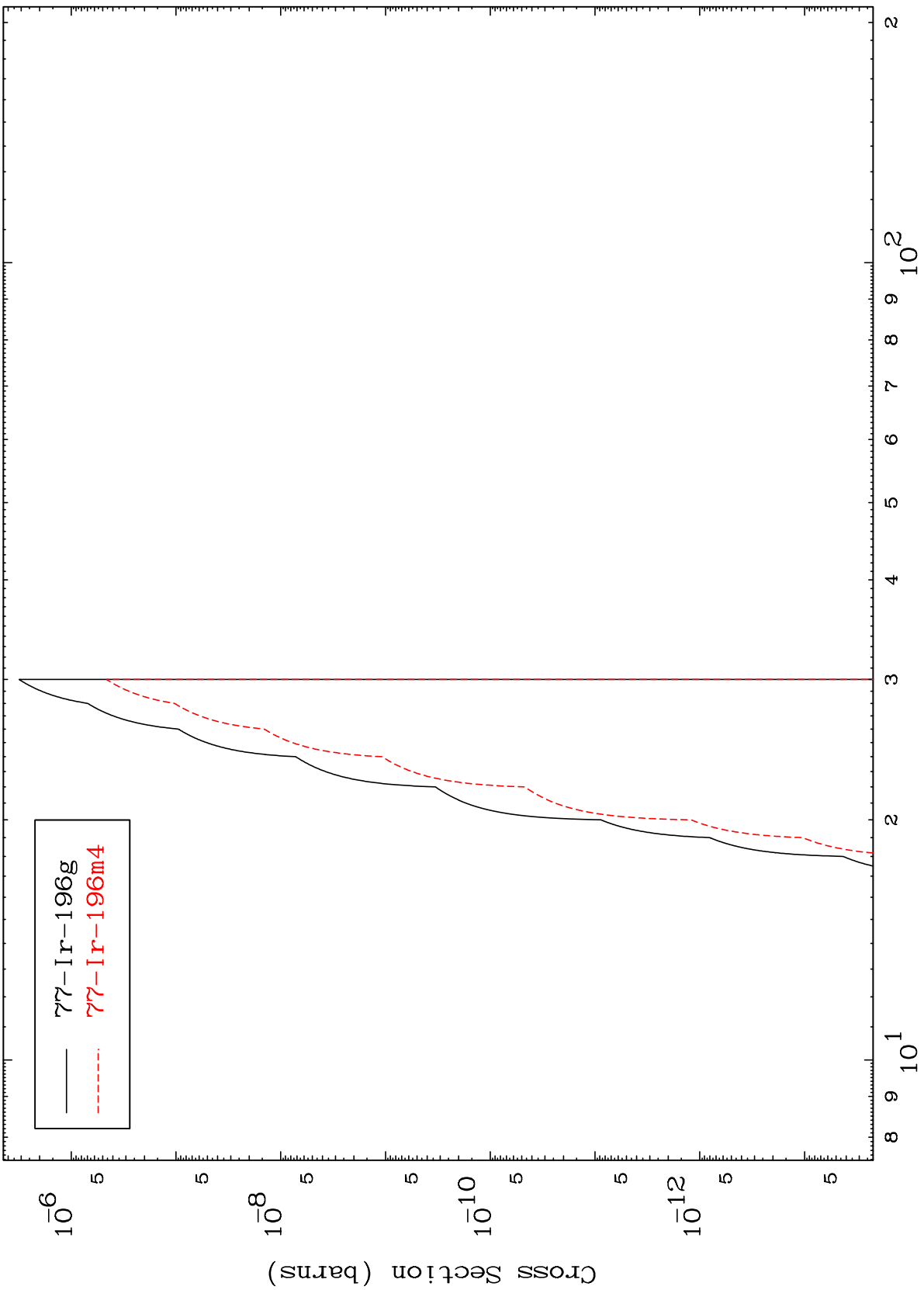


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(n,2n) p

⁷⁷Ir-196

Radionuclide Production Cross Section



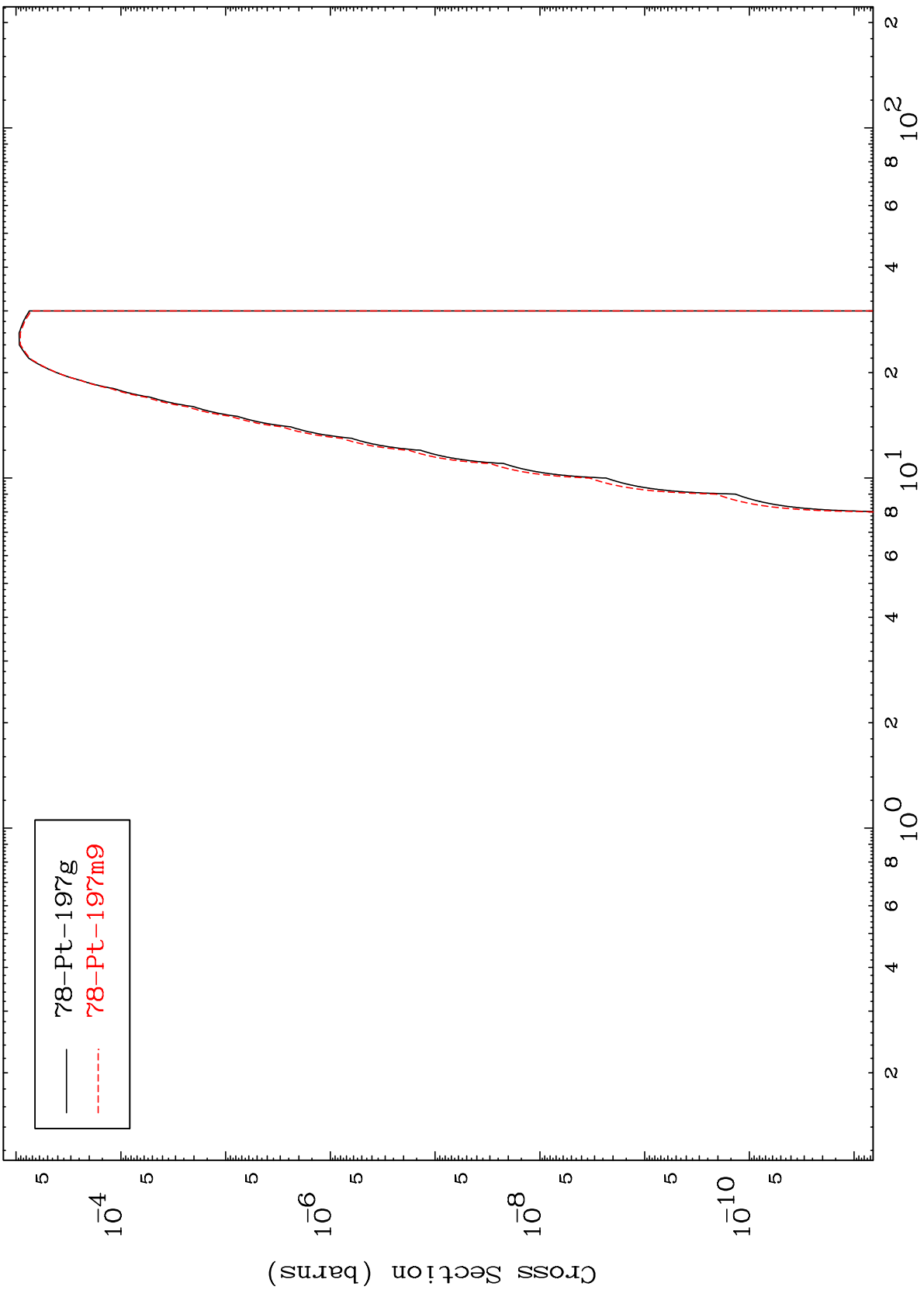
— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

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(n,d)

77-Ir-196

Radionuclide Production Cross Section



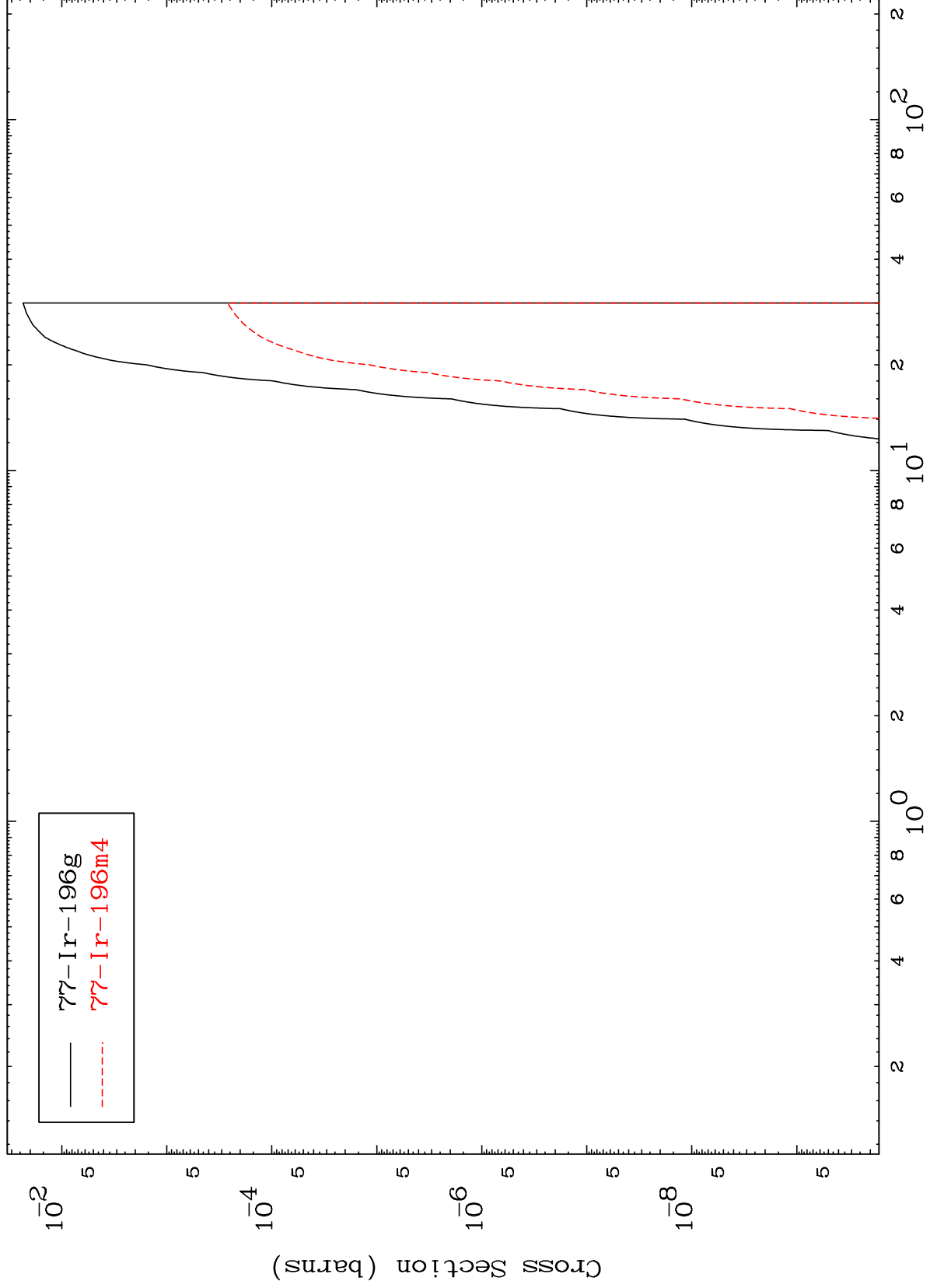
— 78-Pt-197g
- - - 78-Pt-197m9

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(n,He-3)

⁷⁷Ir-196

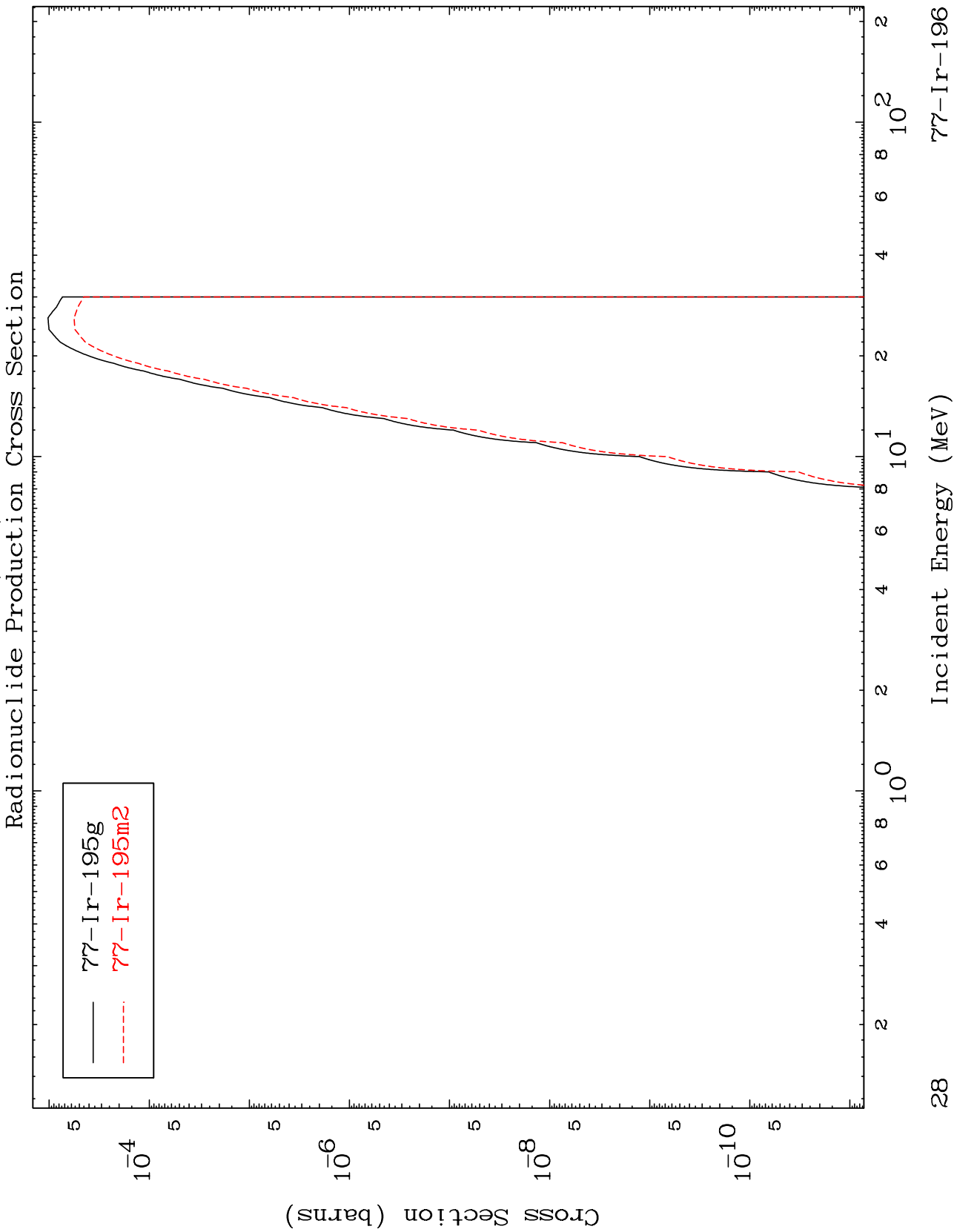
Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

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⁷⁷Ir-196



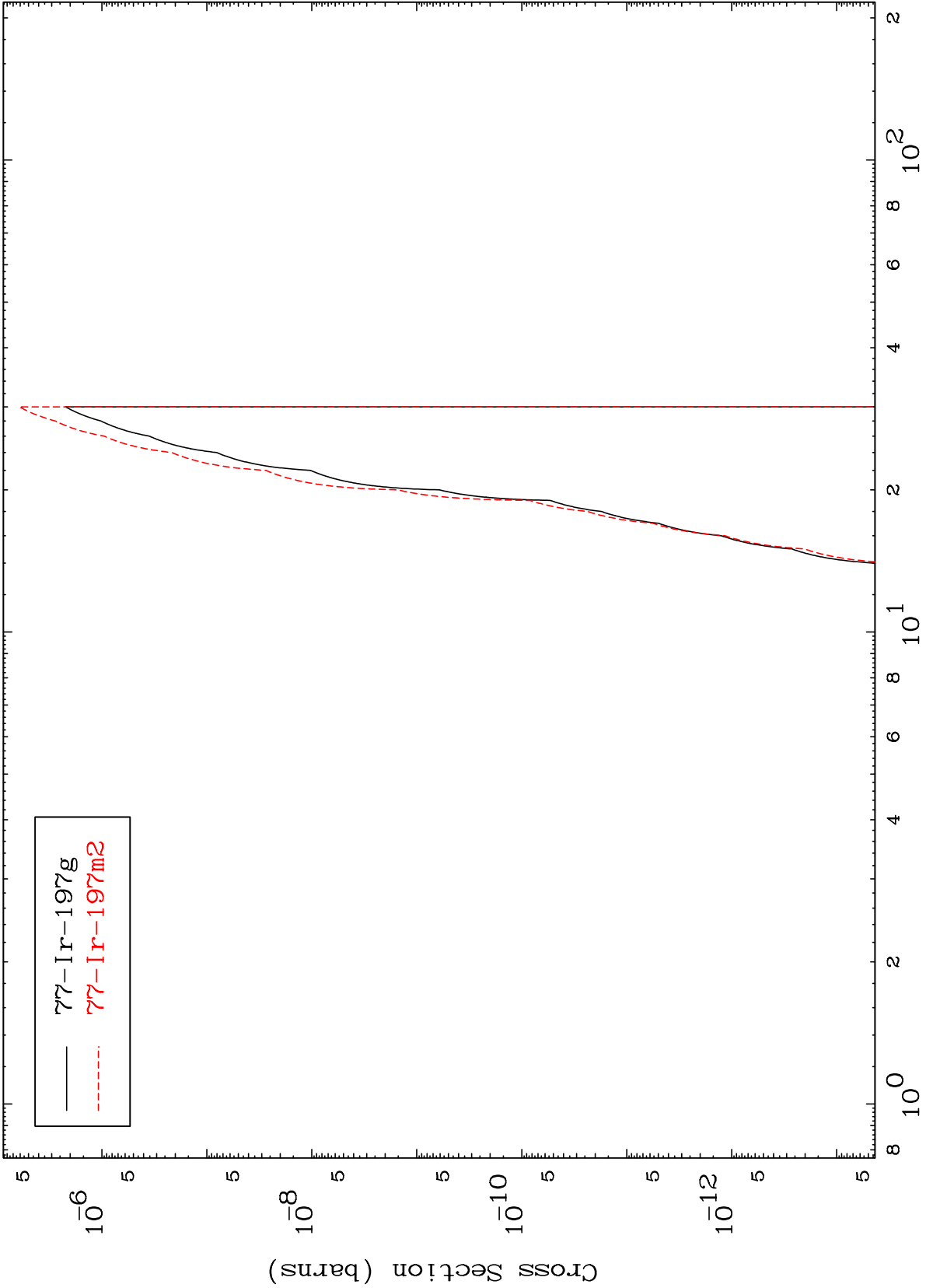
— ⁷⁷Ir-195g
- - - ⁷⁷Ir-195m2

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(n,2p)

⁷⁷Ir-196

Radionuclide Production Cross Section



— ⁷⁷Ir-197g
- - - ⁷⁷Ir-197m2

29

Incident Energy (MeV)

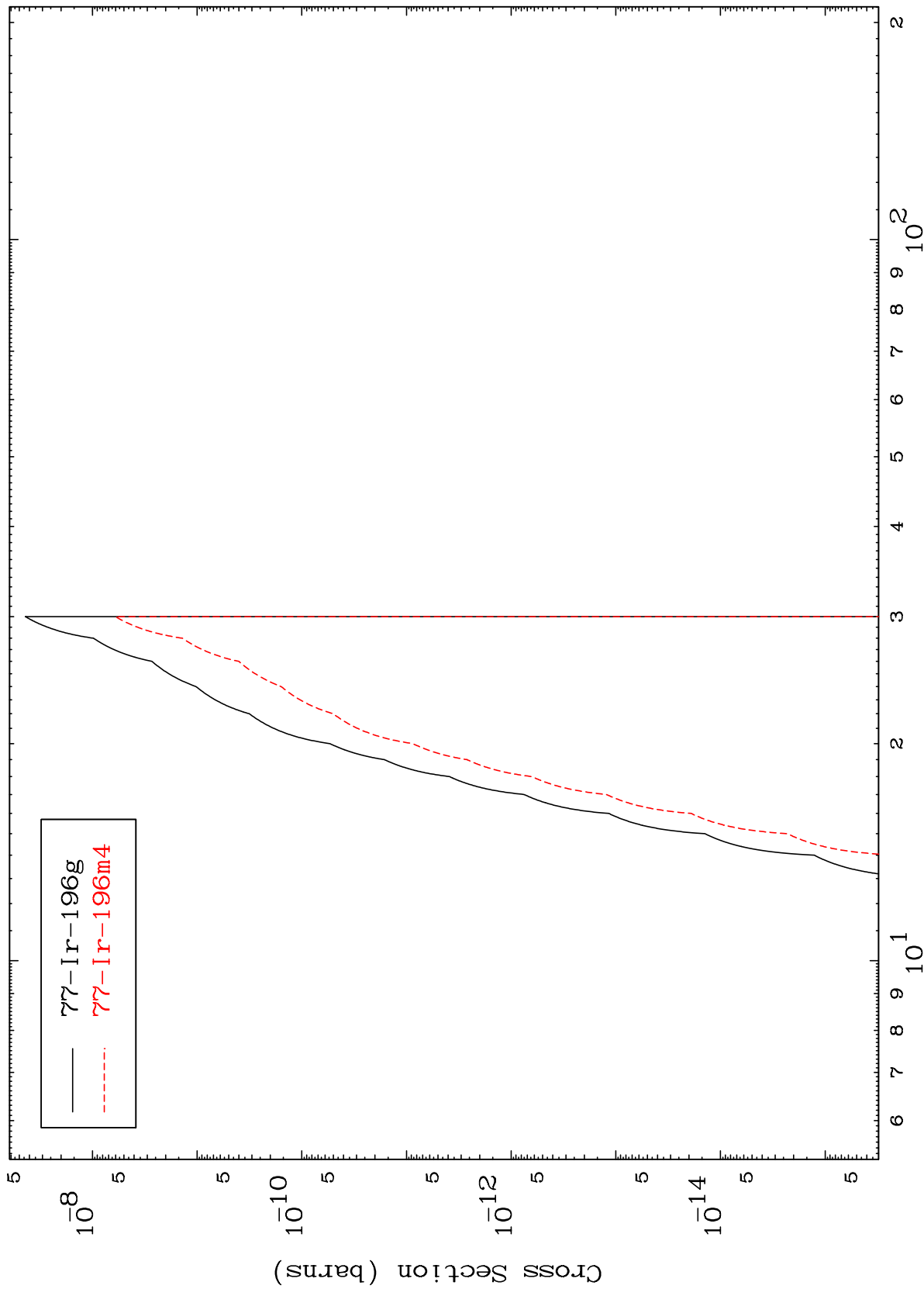
⁷⁷Ir-196

MAT 7740

⁷⁷Ir-196

(n,p) d

Radionuclide Production Cross Section



30

Incident Energy (MeV)

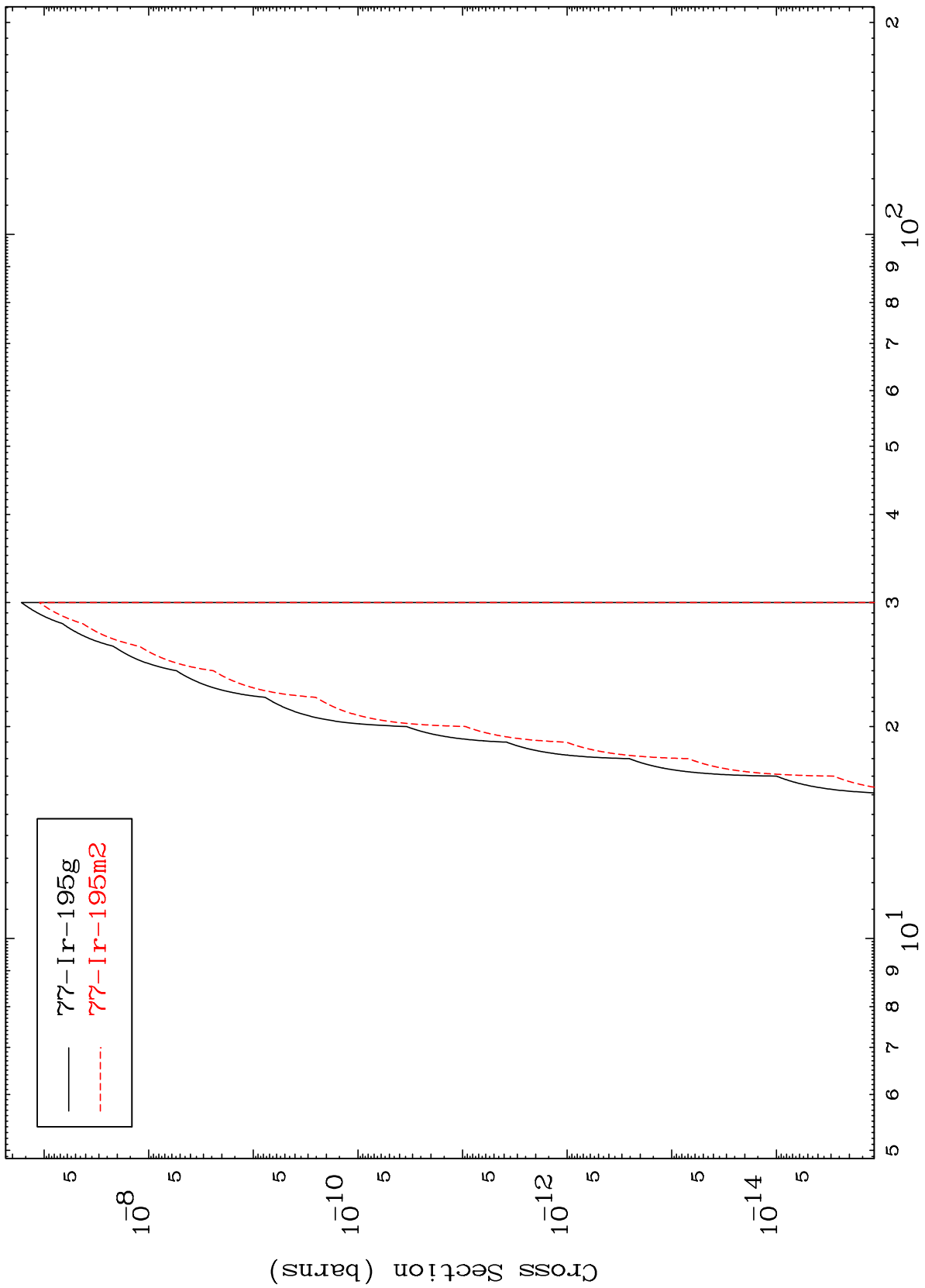
⁷⁷Ir-196

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(n,p) t

77-Ir-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

77-Ir-196