

Program EVALPLOT
(Version 2021-1)

by

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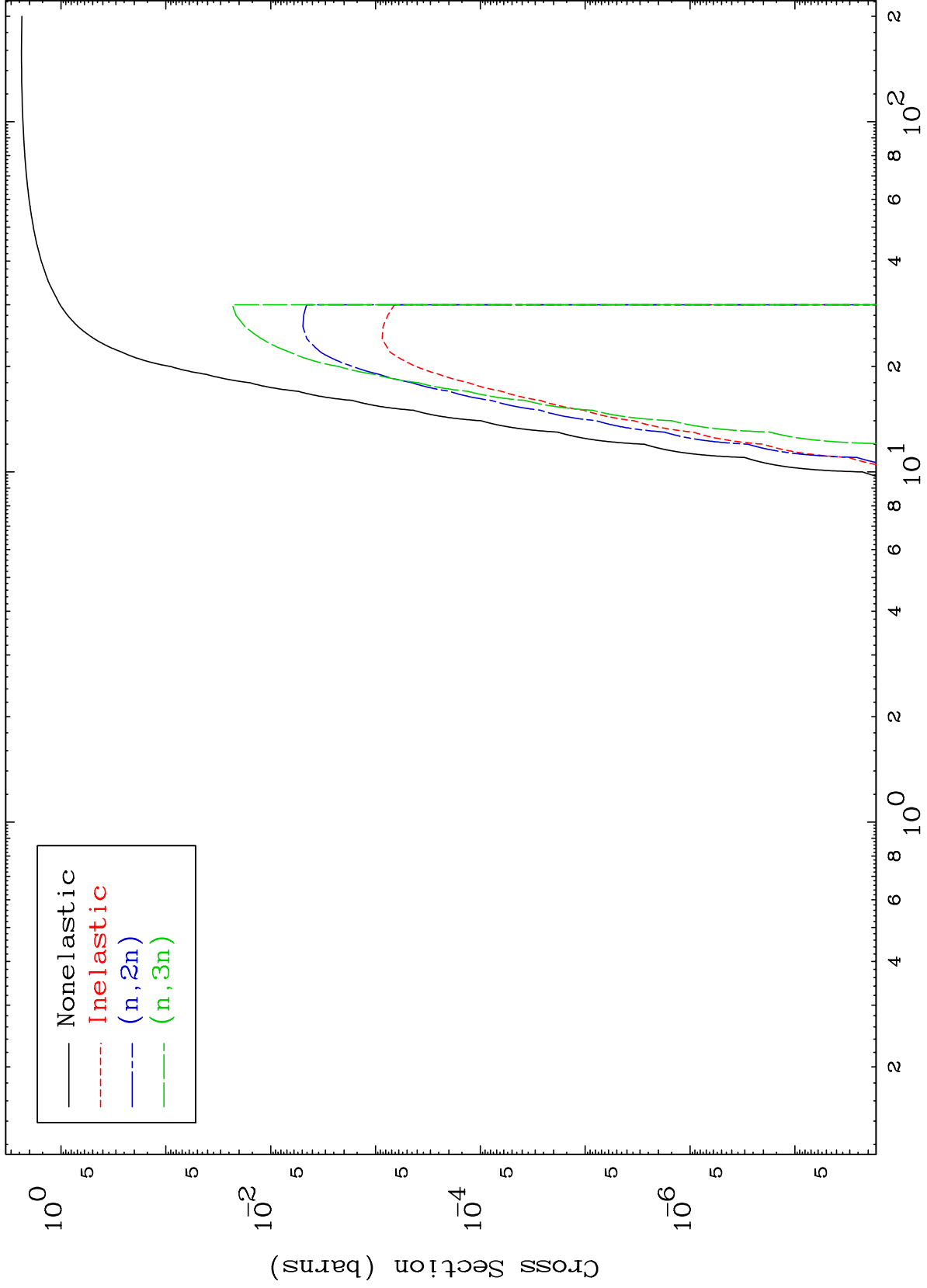
Press Mouse Button to Start

MAT 7731

He-3 Major

0 Kelvin Cross Sections

77-Ir-193



1

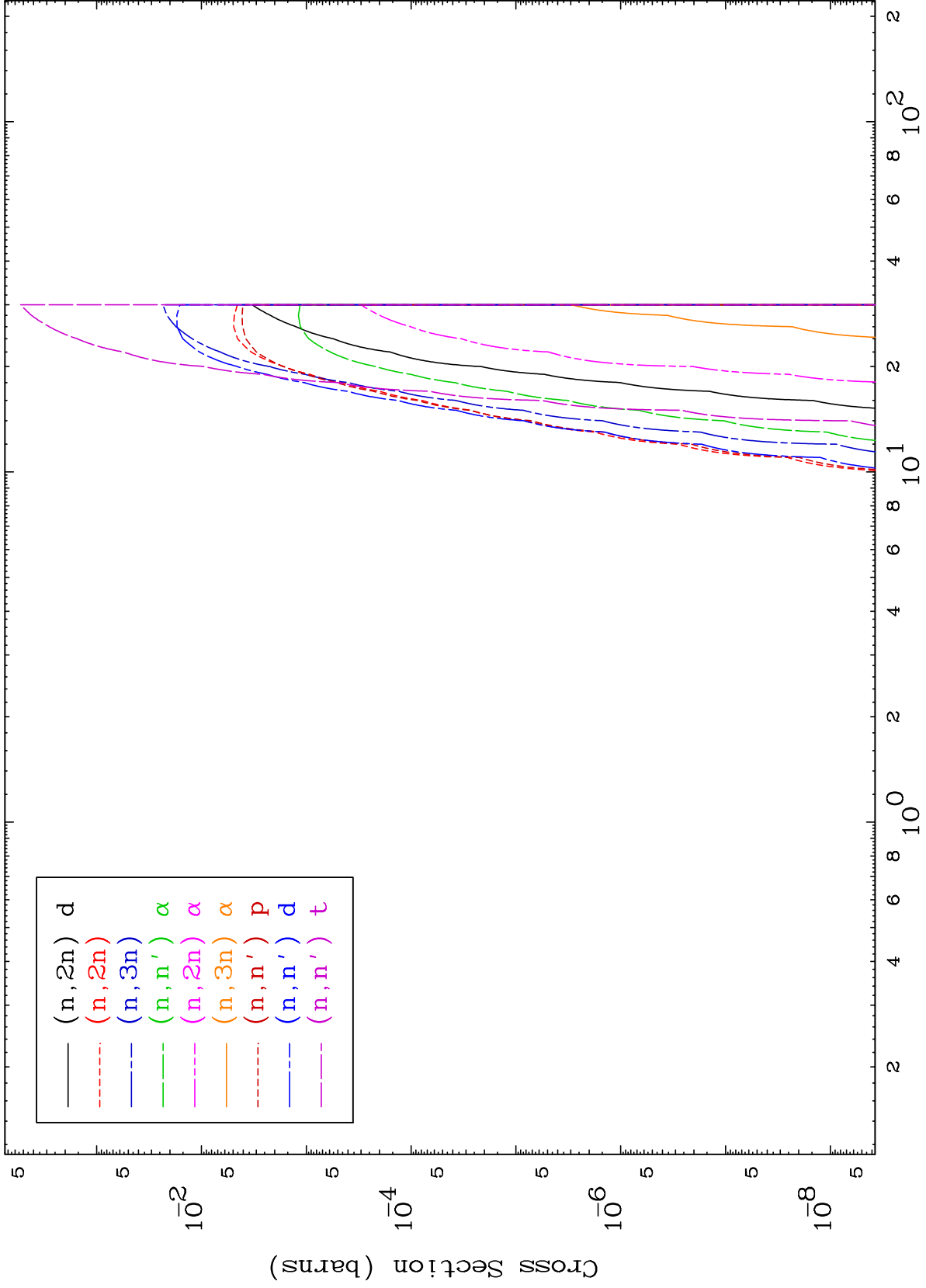
Incident Energy (MeV)

77-Ir-193

MAT 7731

He-3 Neutron Absorption
0 Kelvin Cross Sections

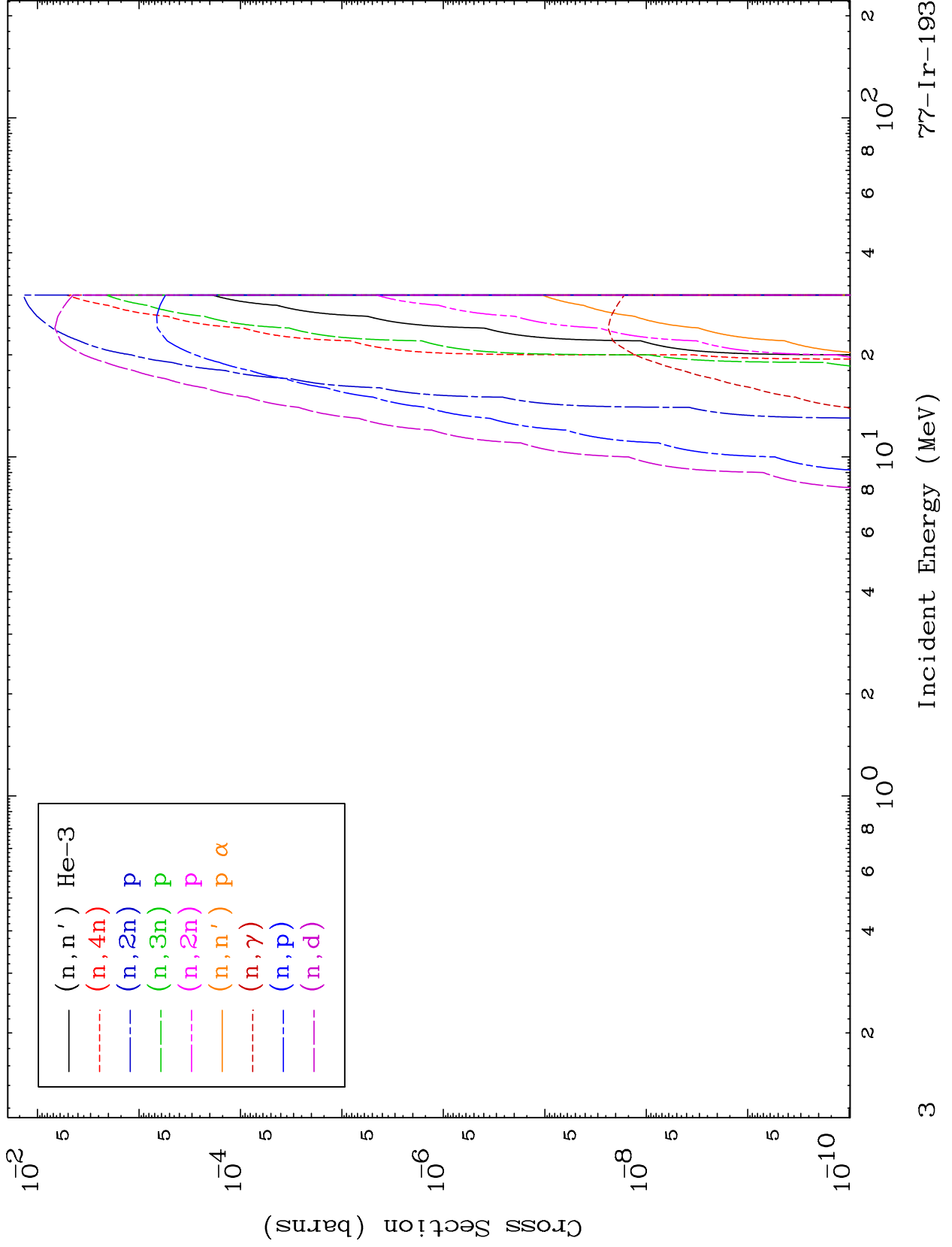
77-Ir-193



MAT 7731

He-3 Neutron Absorption
0 Kelvin Cross Sections

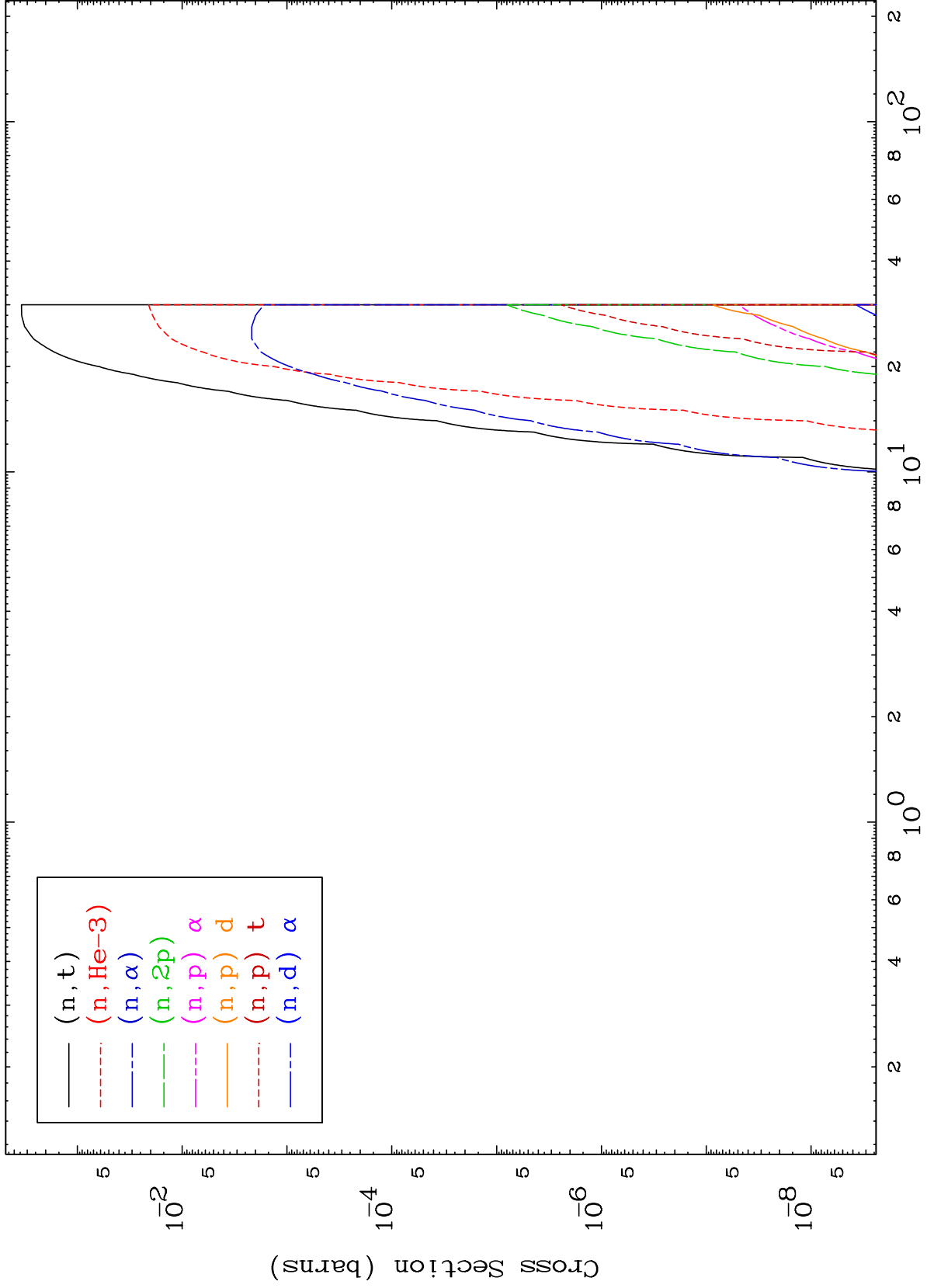
77-Ir-193

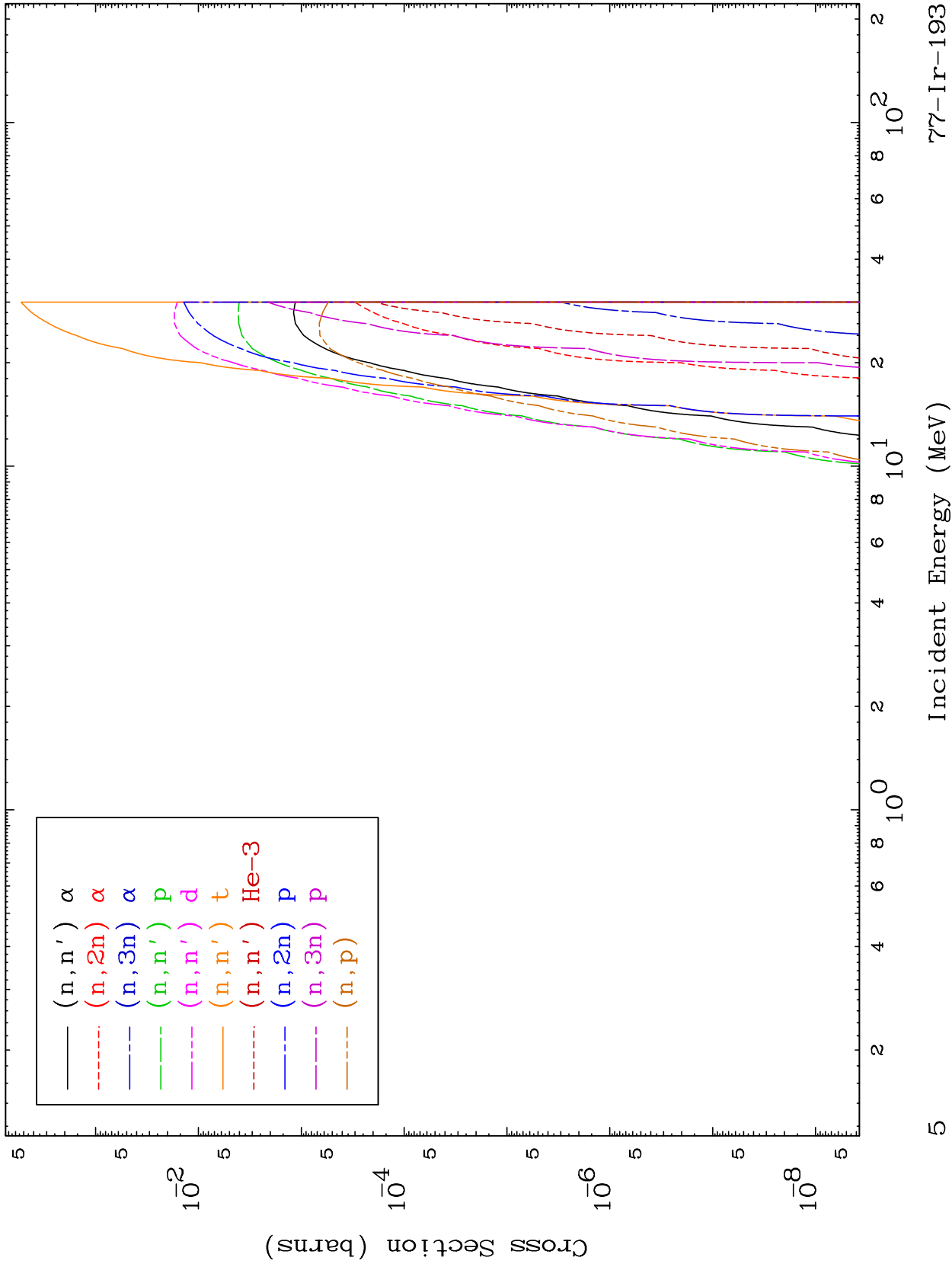


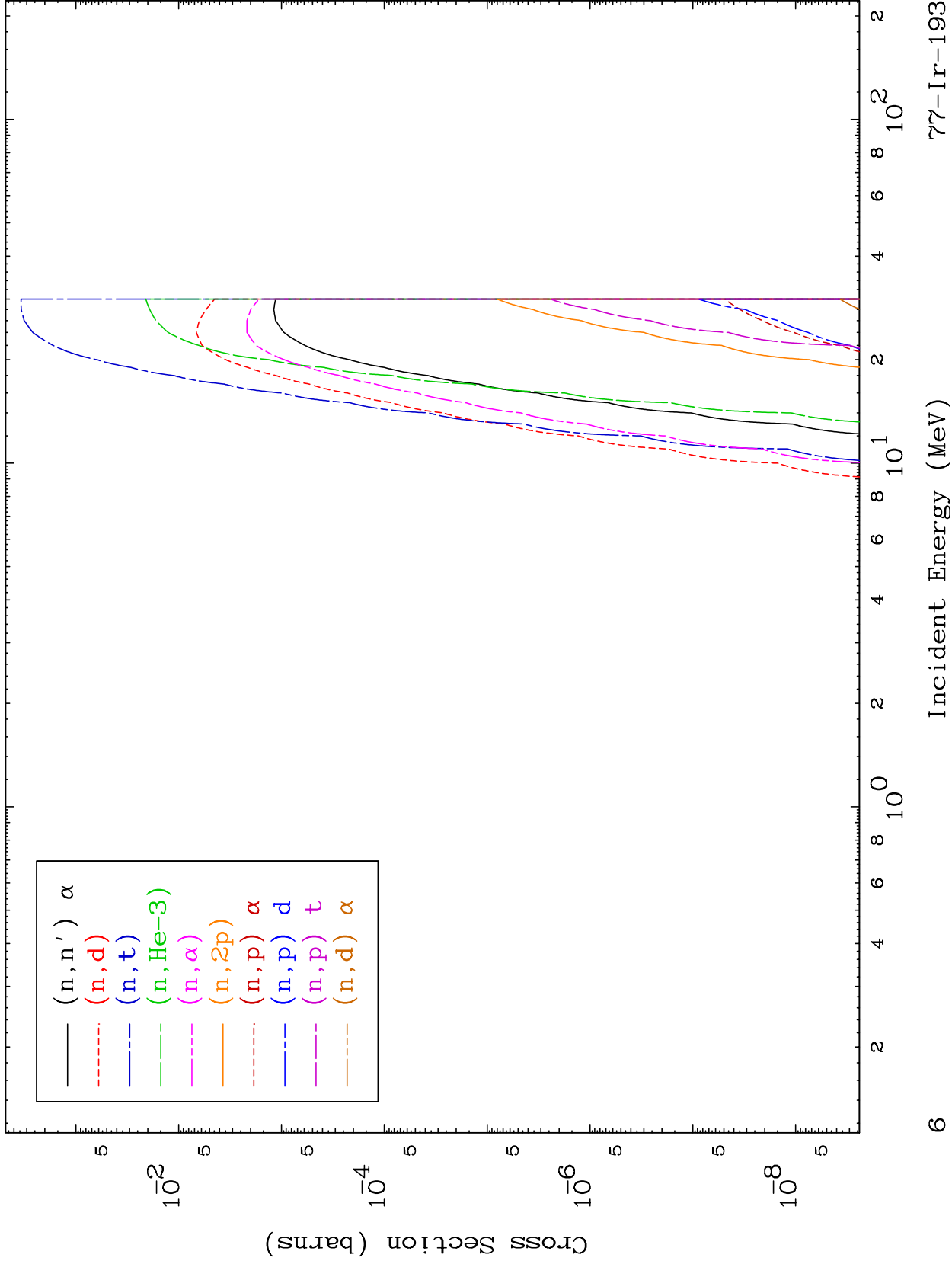
MAT 7731

He-3 Neutron Absorption
0 Kelvin Cross Sections

77-Ir-193





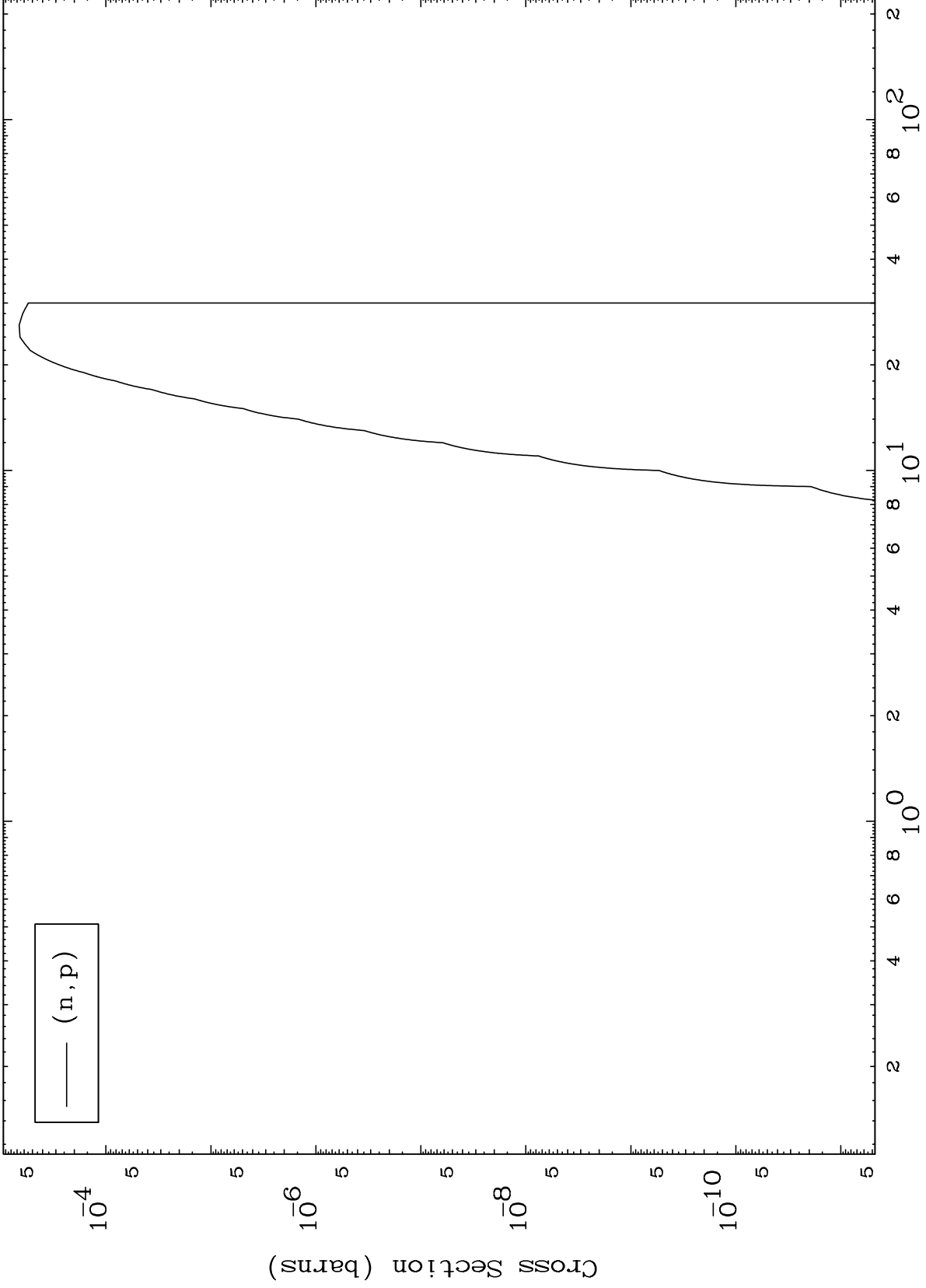


MAT 7731

(He-3,p) Levels

77-Ir-193

0 Kelvin Cross Sections



7

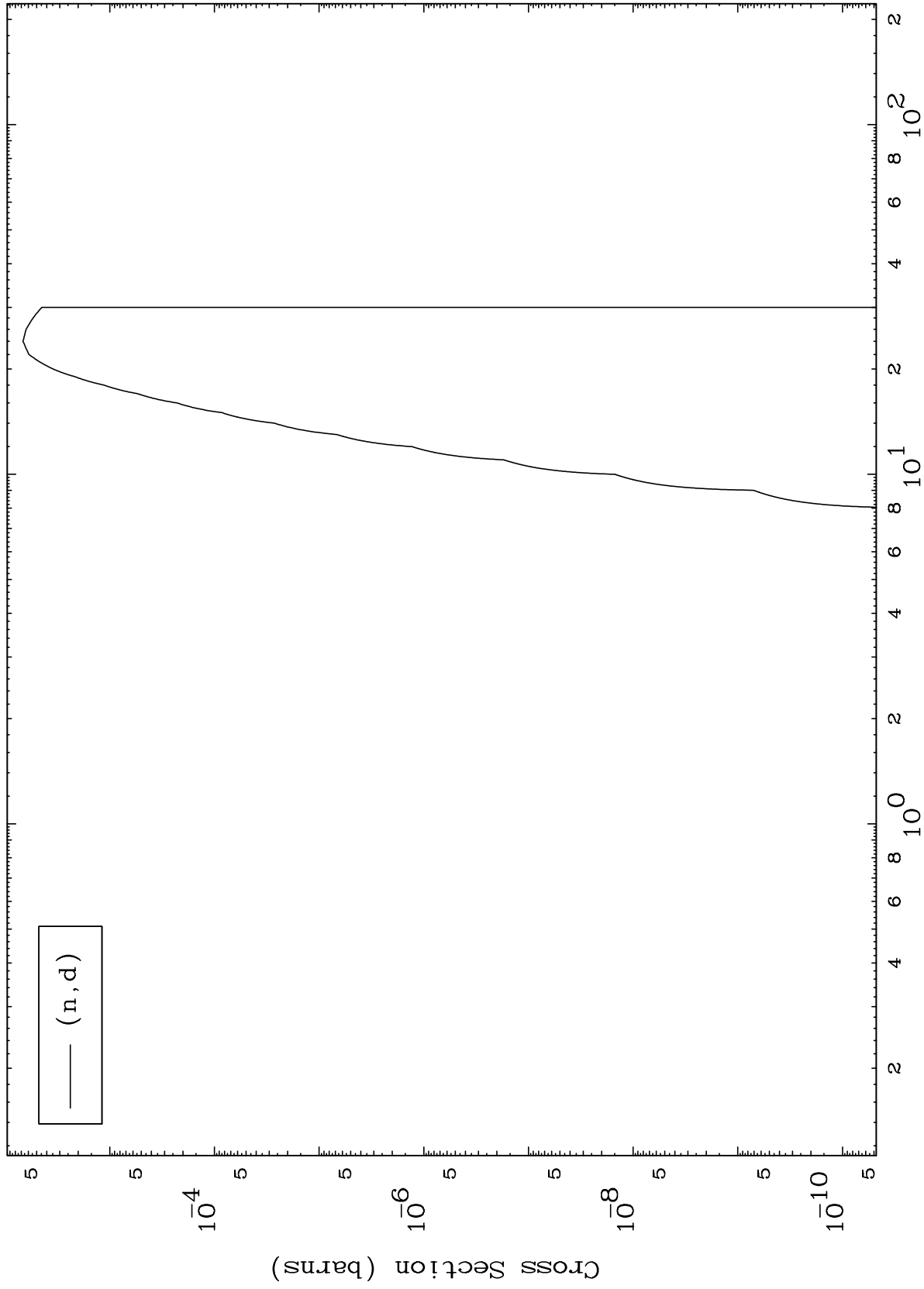
Incident Energy (MeV)

77-Ir-193

MAT 7731

77-Ir-193

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

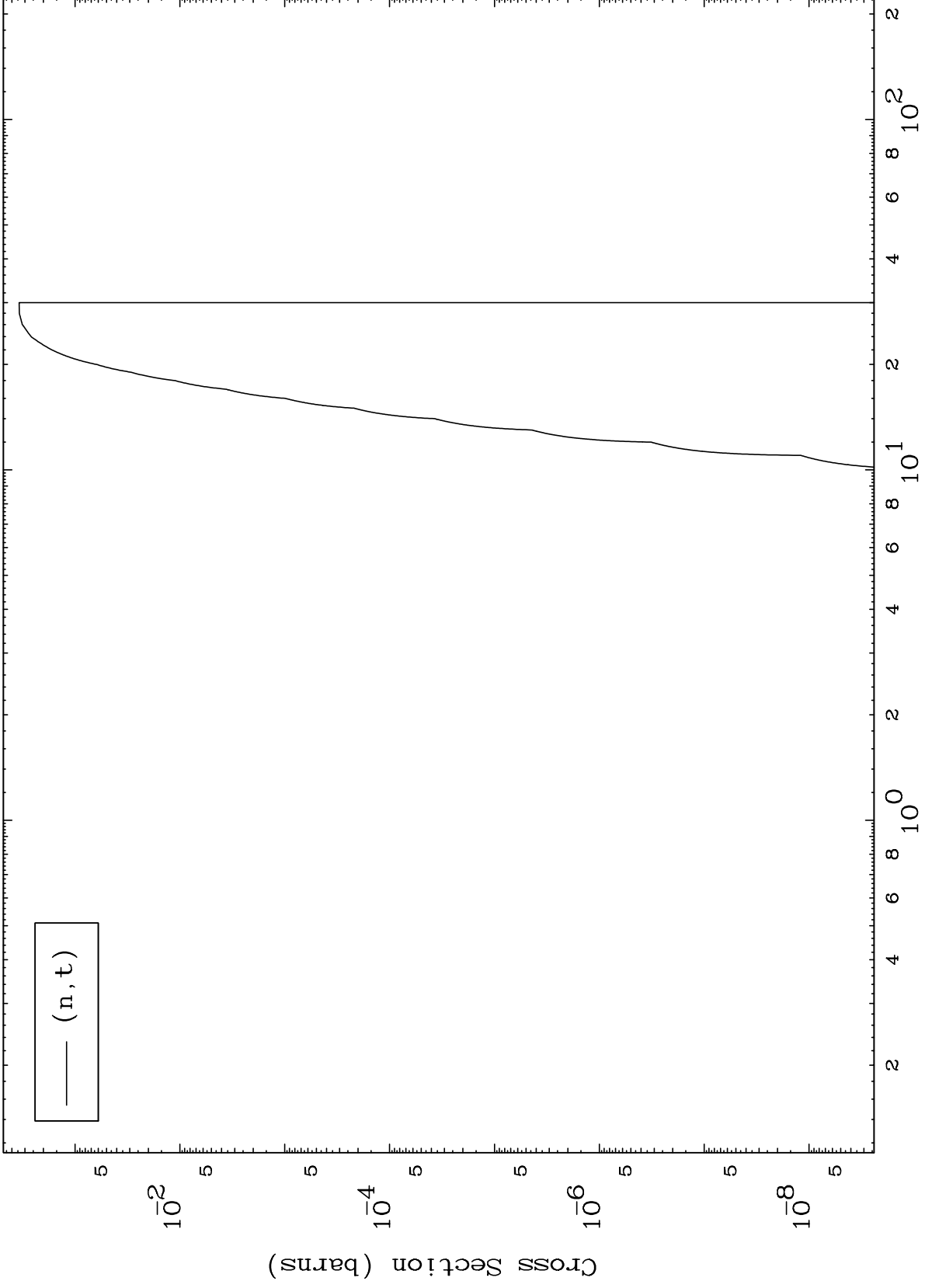


MAT 7731

(He-3,t) Levels

77-Ir-193

0 Kelvin Cross Sections

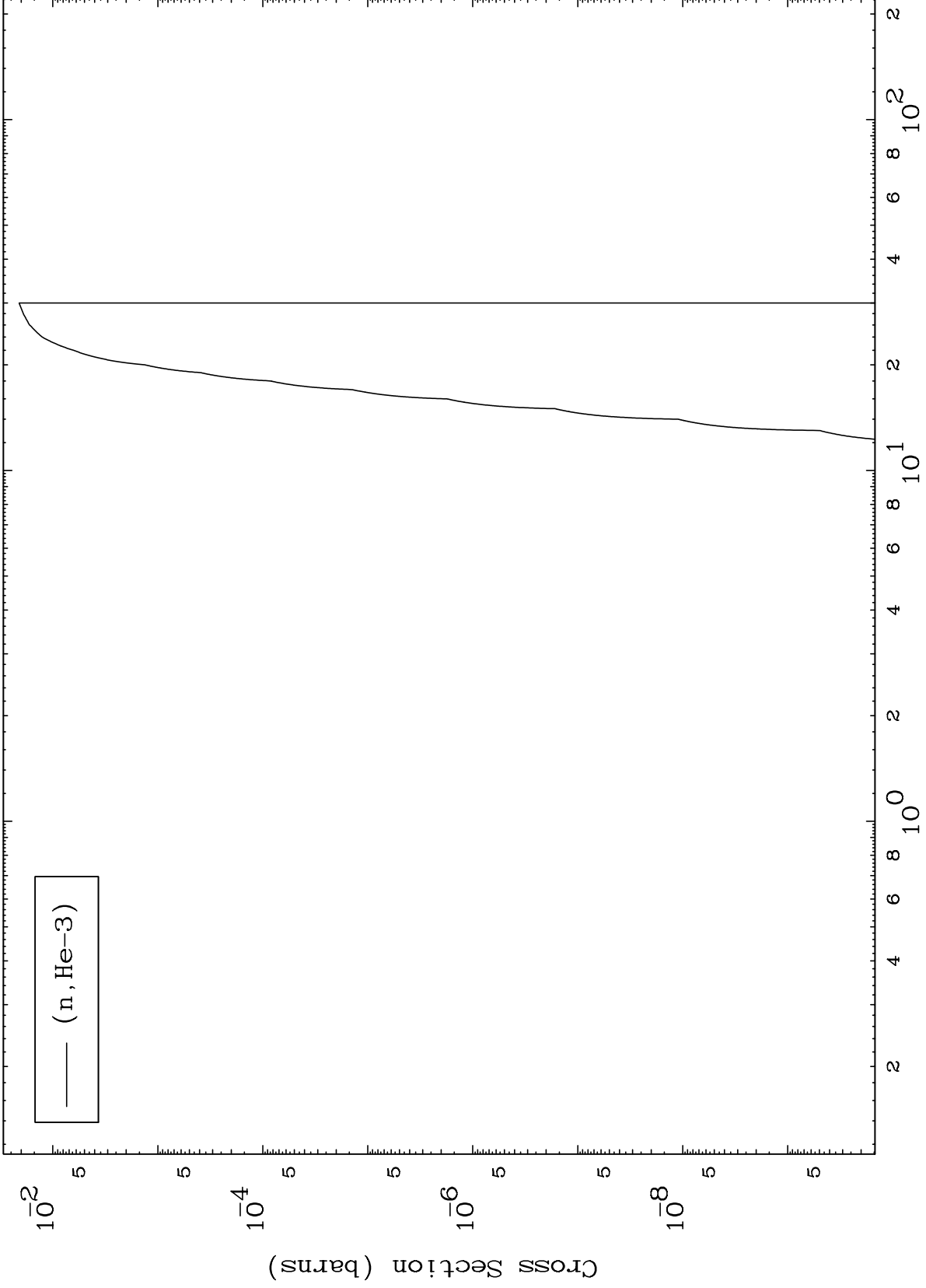


MAT 7731

(He-3, He3) Levels

77-Ir-193

0 Kelvin Cross Sections



10

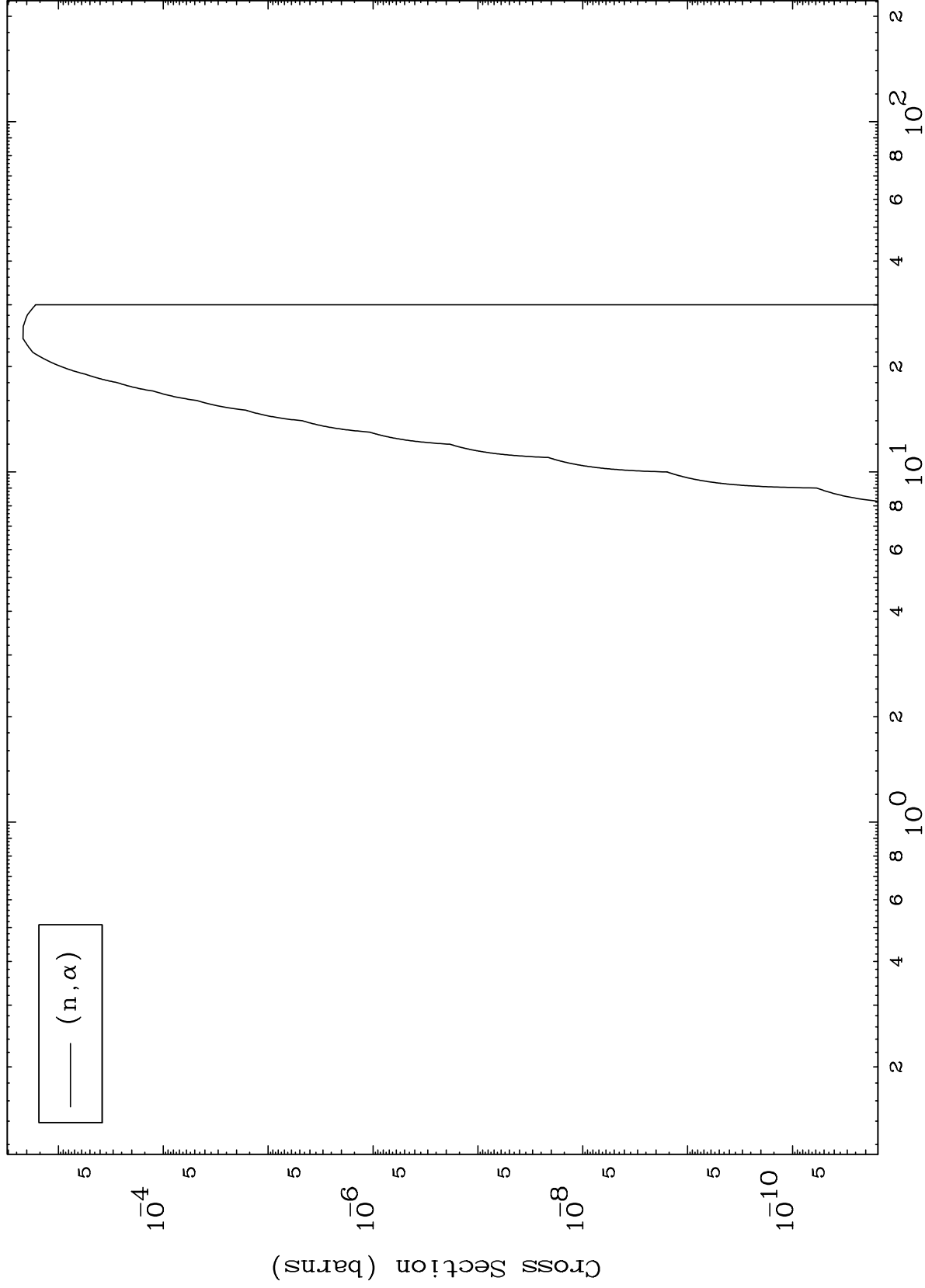
Incident Energy (MeV)

77-Ir-193

MAT 7731

77-Ir-193

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



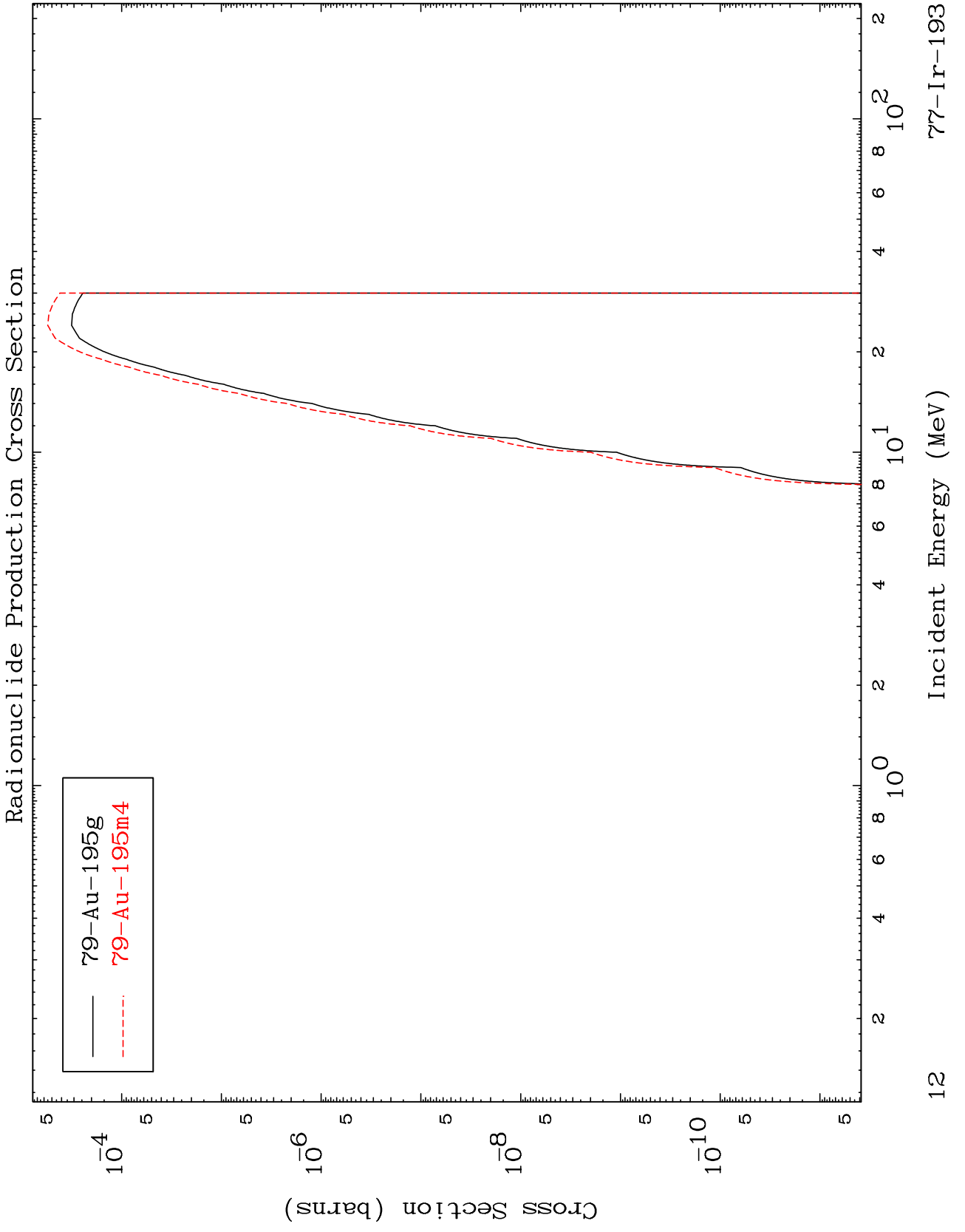
11

77-Ir-193

MAT 7731

77-Ir-193

Inelastic
Radionuclide Production Cross Section



77-Ir-193

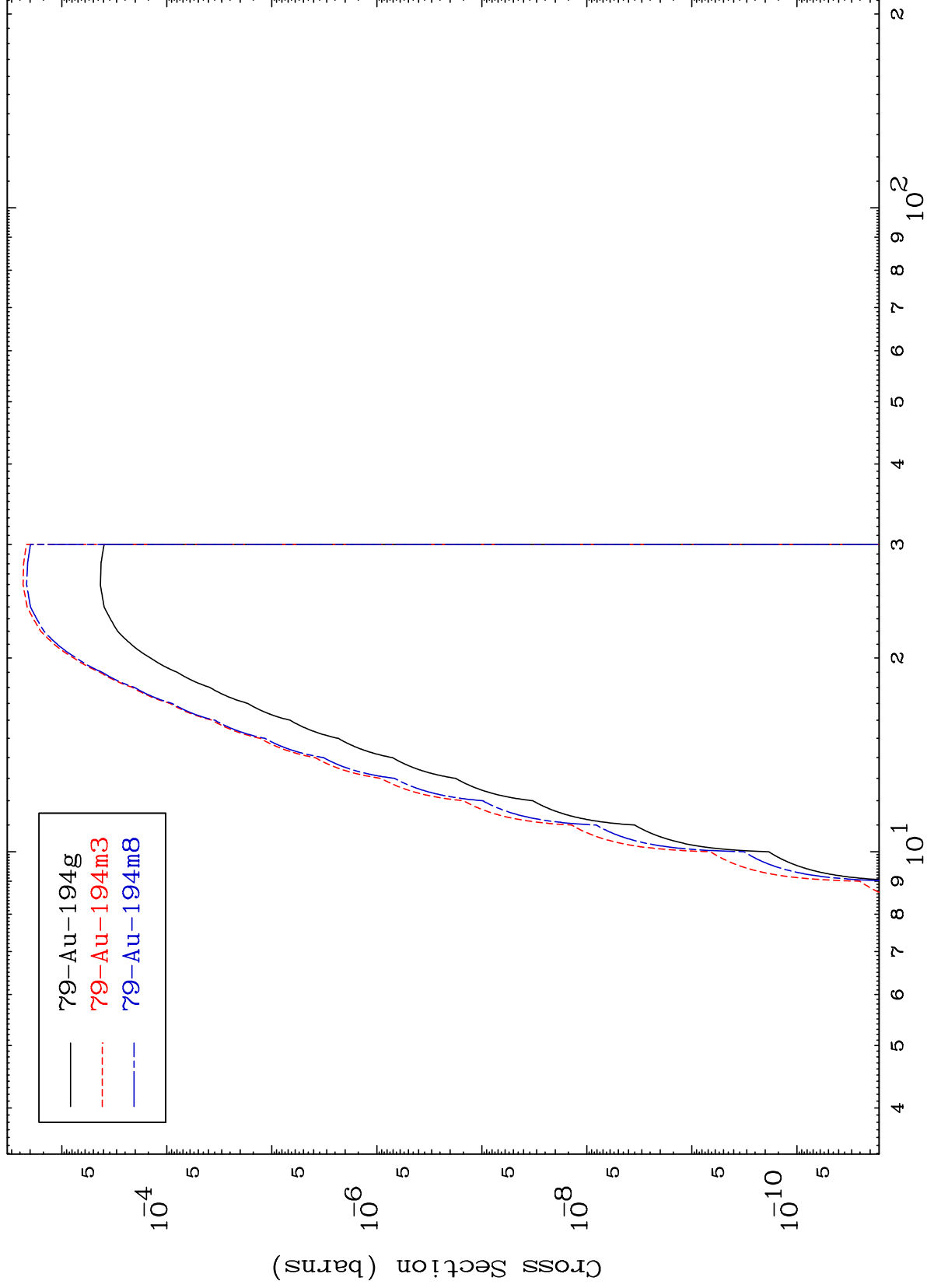
Incident Energy (MeV)

12

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77-Ir-193

(n,2n)
Radionuclide Production Cross Section



77-Ir-193

Incident Energy (MeV)

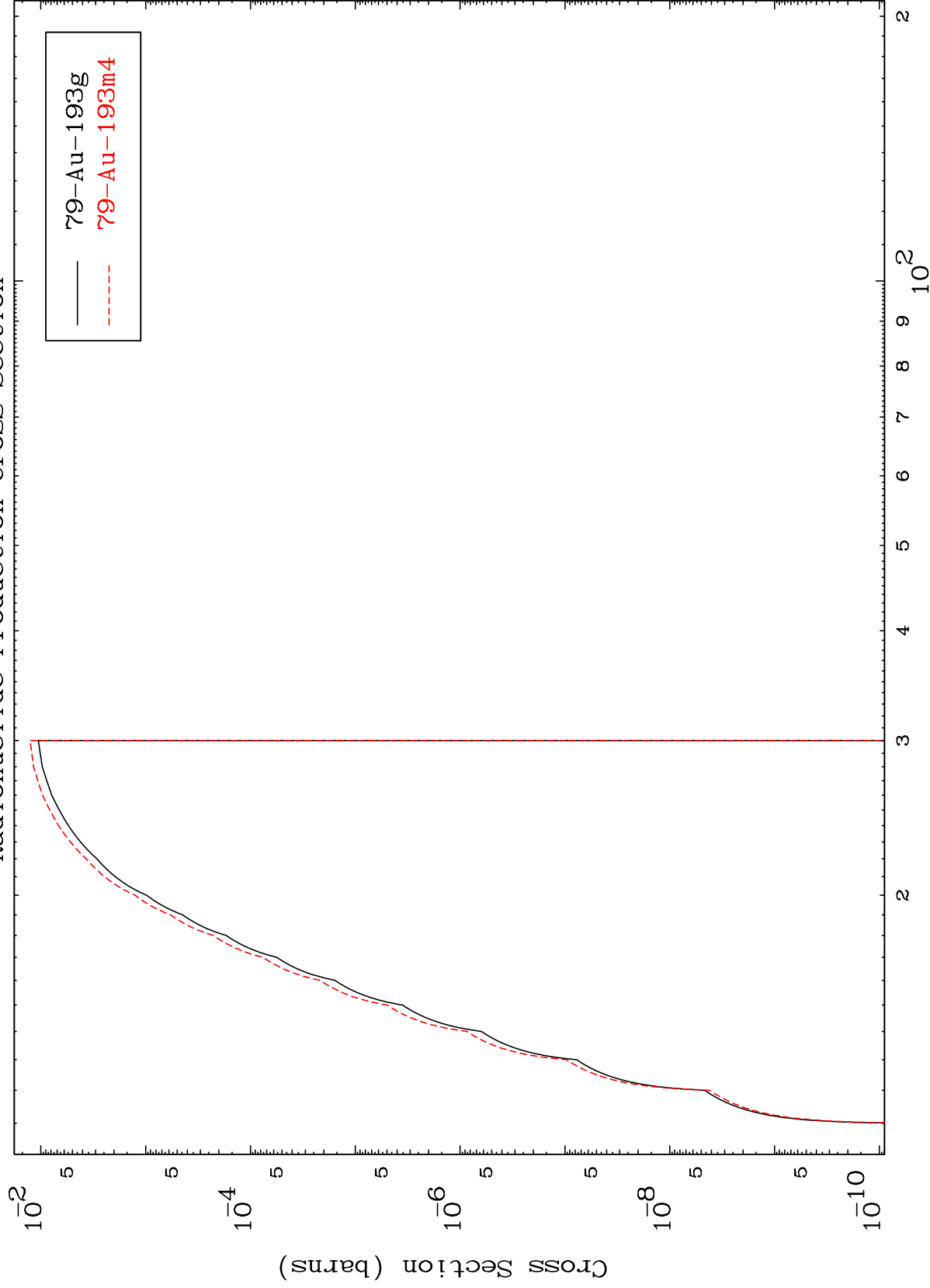
13

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77-Ir-193

(n,3n)

Radionuclide Production Cross Section



14

Incident Energy (MeV)

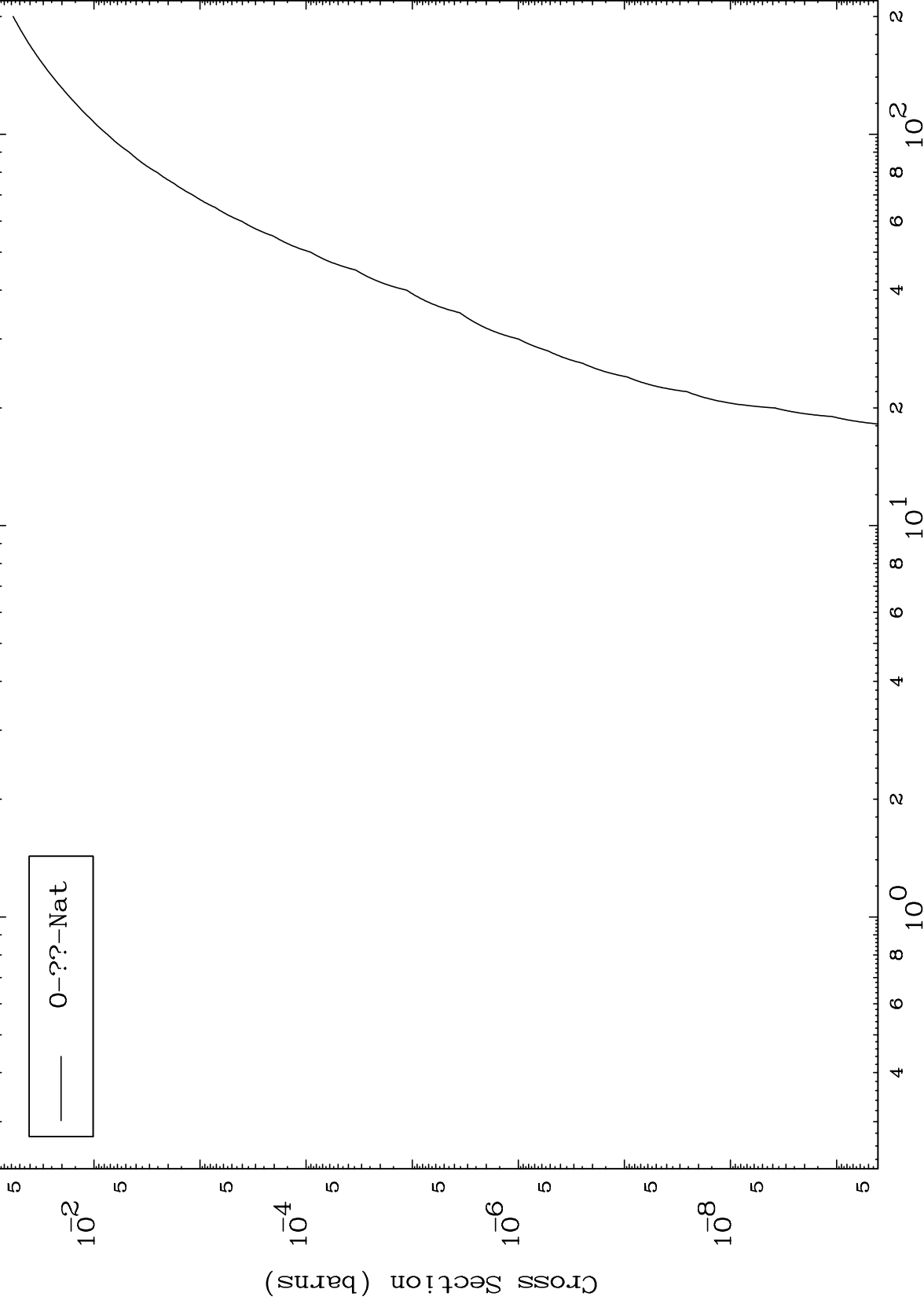
77-Ir-193

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Fission

77-Ir-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

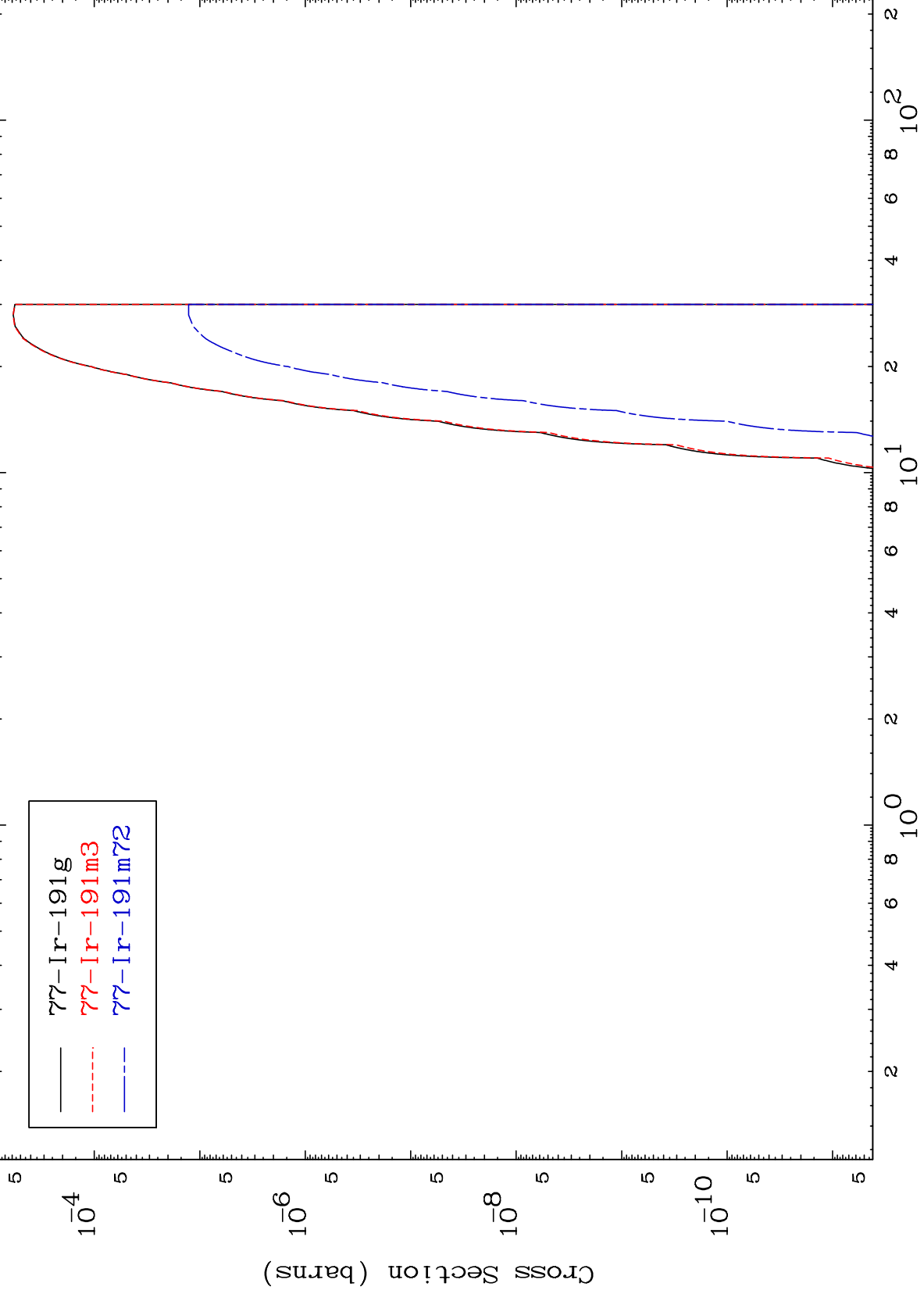
77-Ir-193

MAT 7731

$(n, n') \alpha$

$^{77}\text{Ir-193}$

Radionuclide Production Cross Section

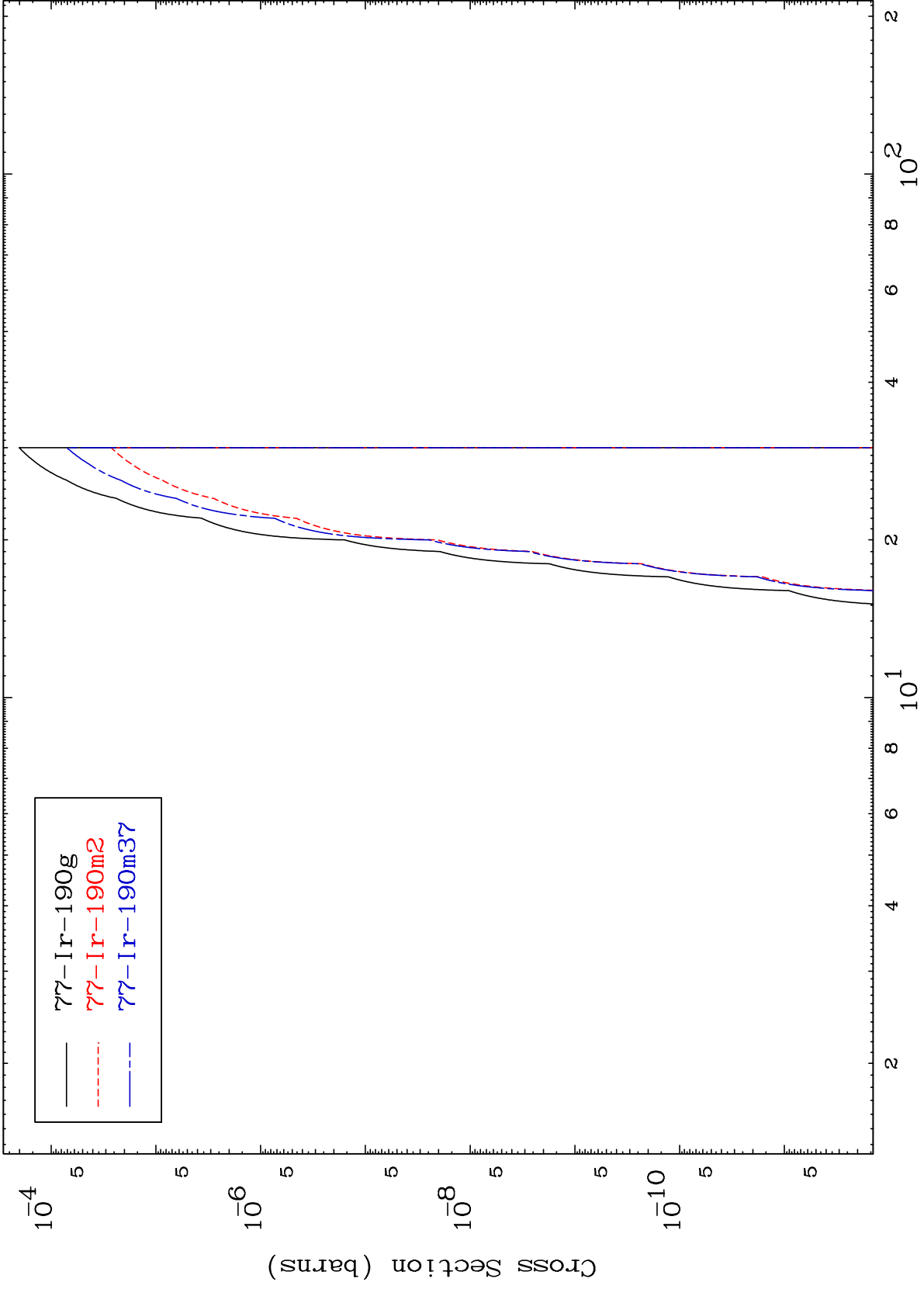


MAT 7731

$(n,2n) \alpha$

$^{77}\text{Ir-193}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

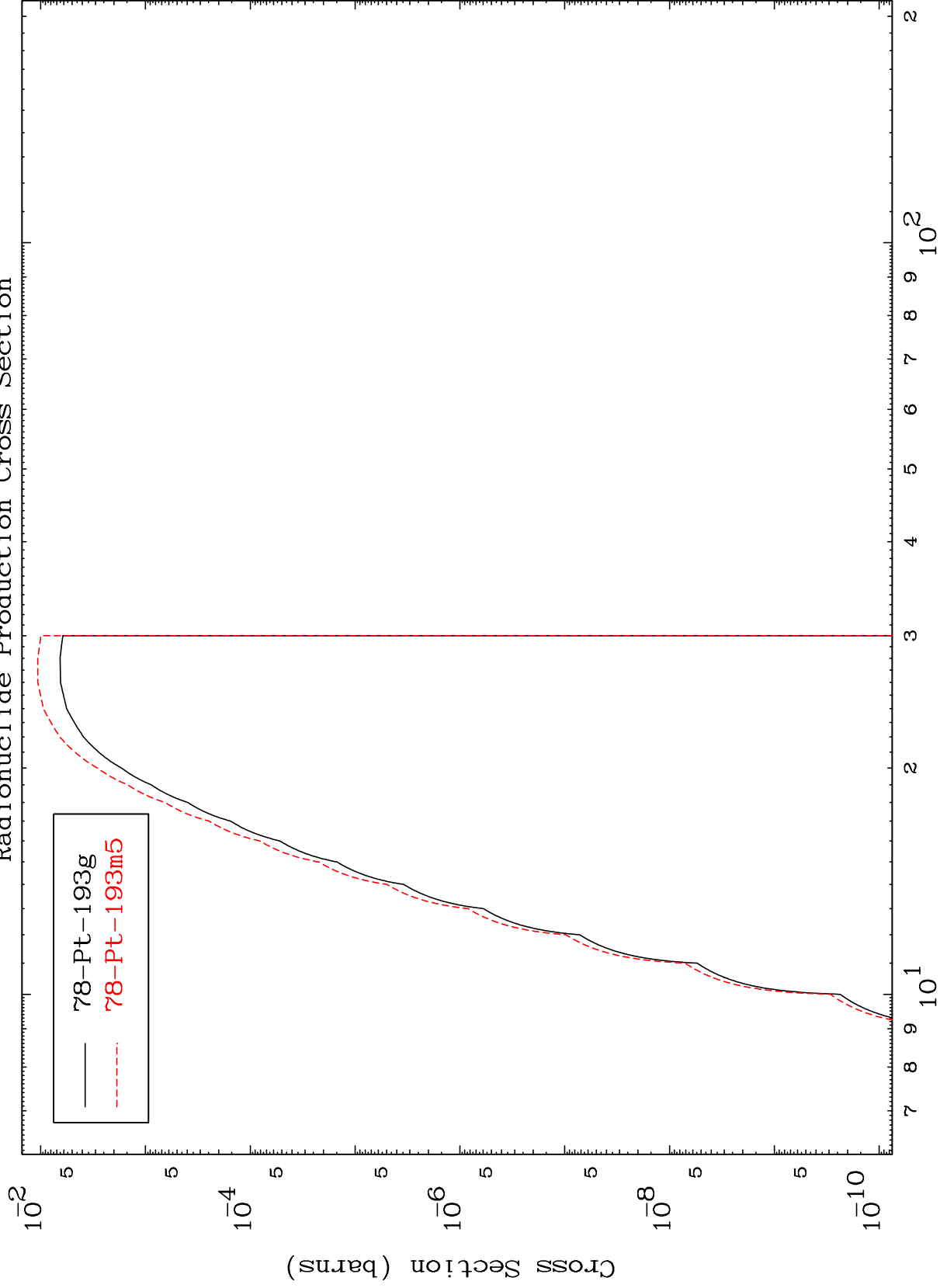
$^{77}\text{Ir-193}$

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(n,n') d

⁷⁷Ir-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

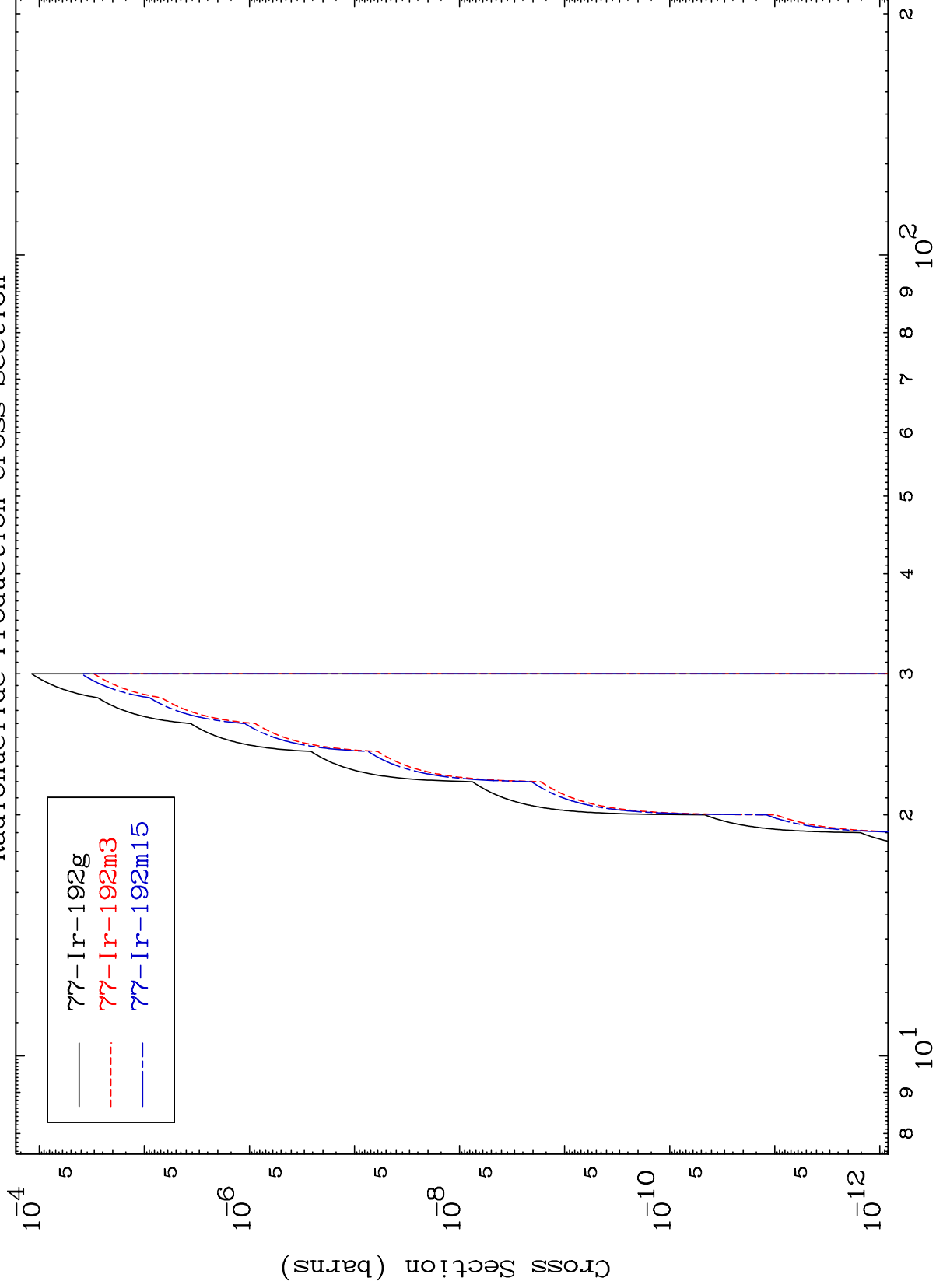
⁷⁷Ir-193

MAT 7731

(n,n') He-3

⁷⁷Ir-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

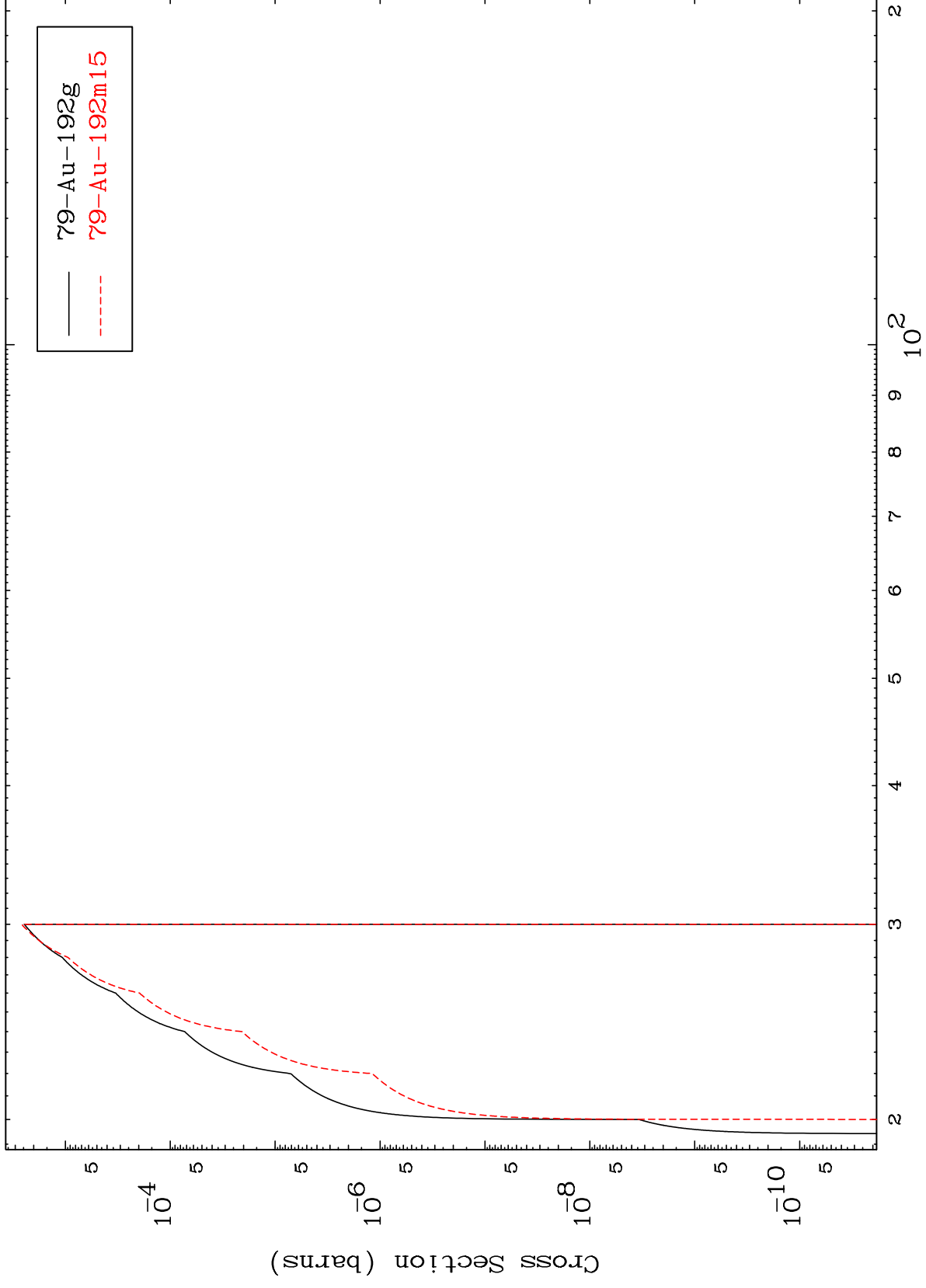
⁷⁷Ir-193

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(n,4n)

77-Ir-193

Radionuclide Production Cross Section



20

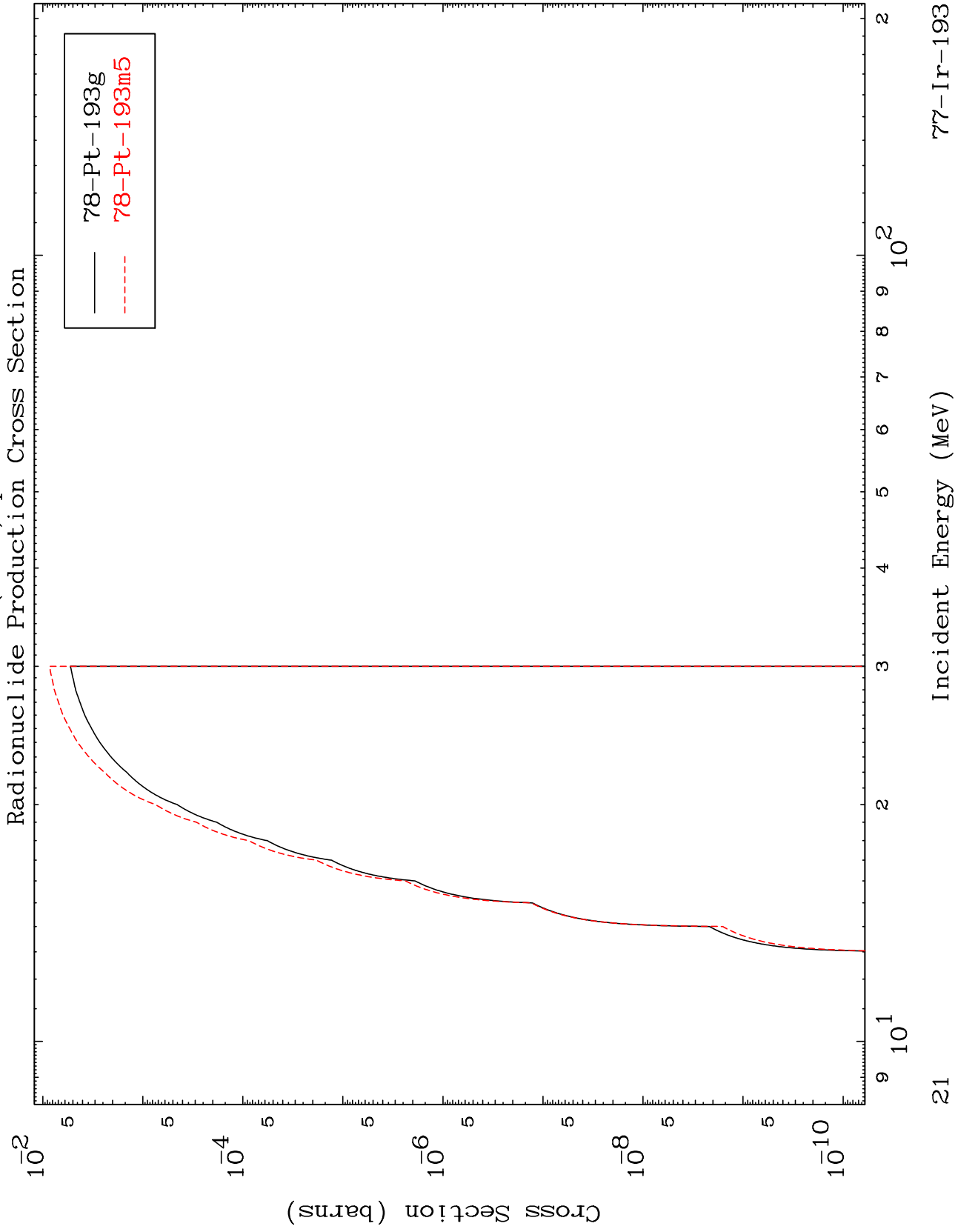
Incident Energy (MeV)

77-Ir-193

MAT 7731

(n,2n) p

77-Ir-193



21

Incident Energy (MeV)

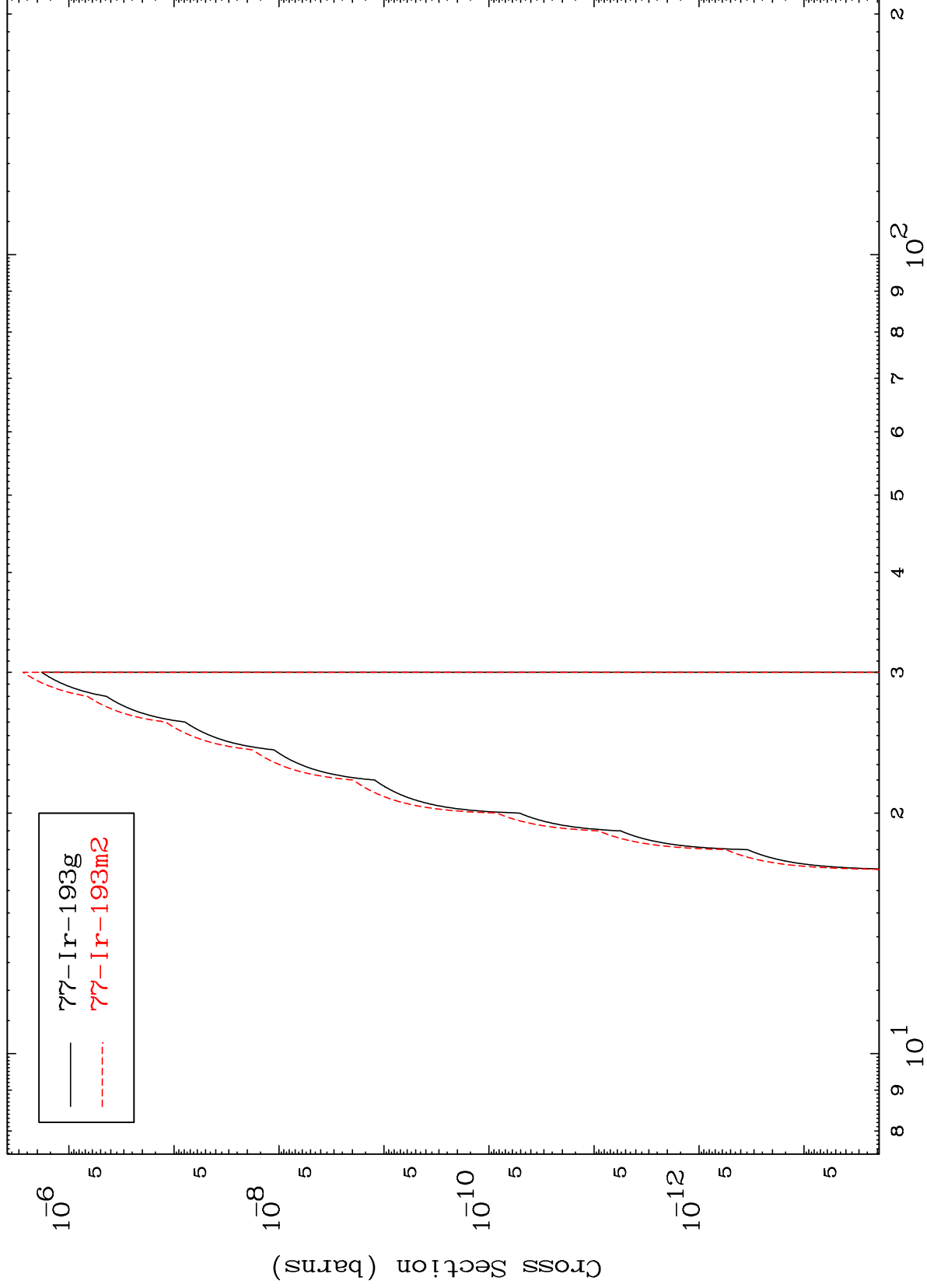
77-Ir-193

MAT 7731

(n,2n) p

⁷⁷Ir-193

Radionuclide Production Cross Section



22

Incident Energy (MeV)

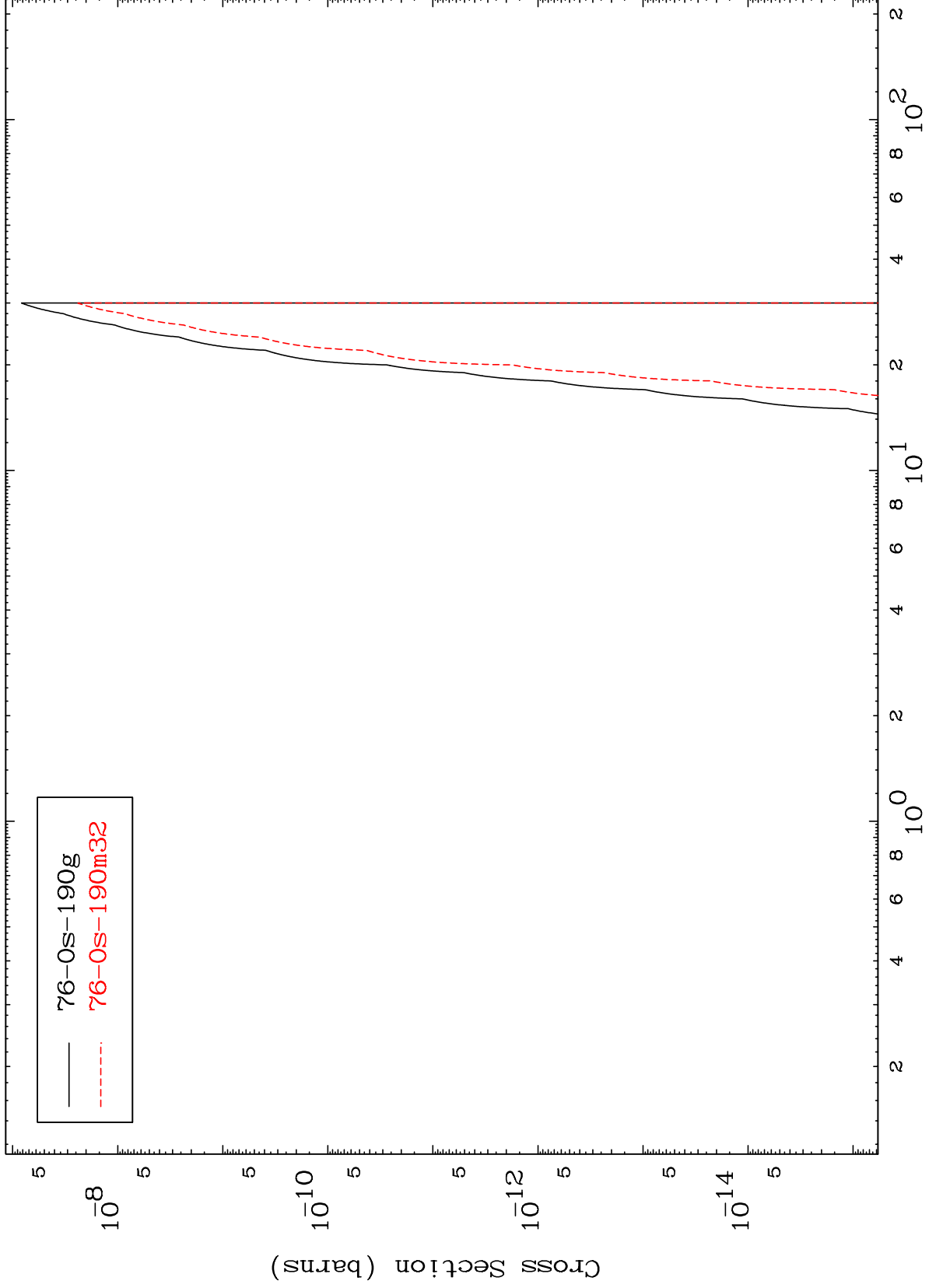
⁷⁷Ir-193

MAT 7731

(n,n') p α

77-Ir-193

Radionuclide Production Cross Section



23

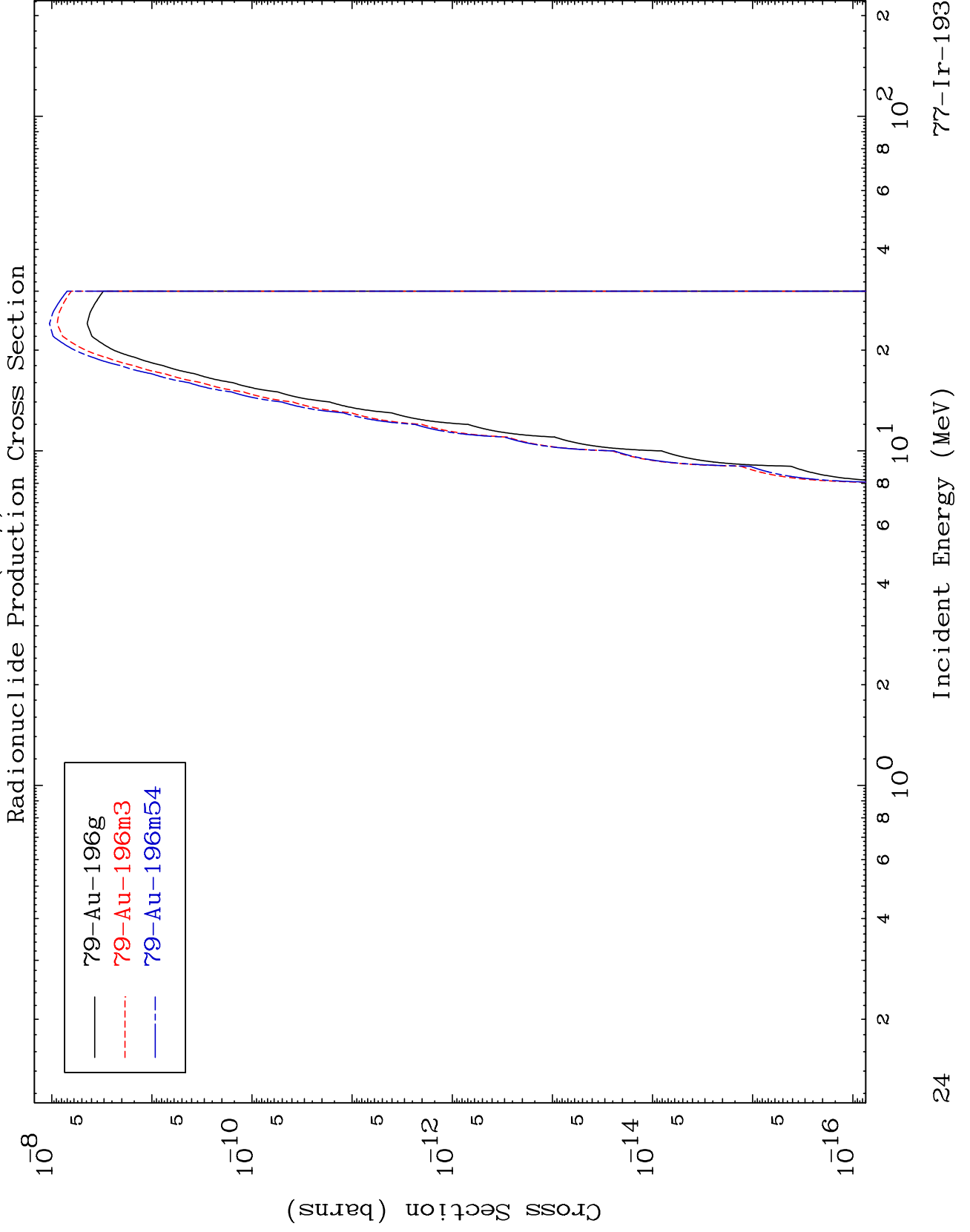
Incident Energy (MeV)

77-Ir-193

MAT 7731

77-Ir-193

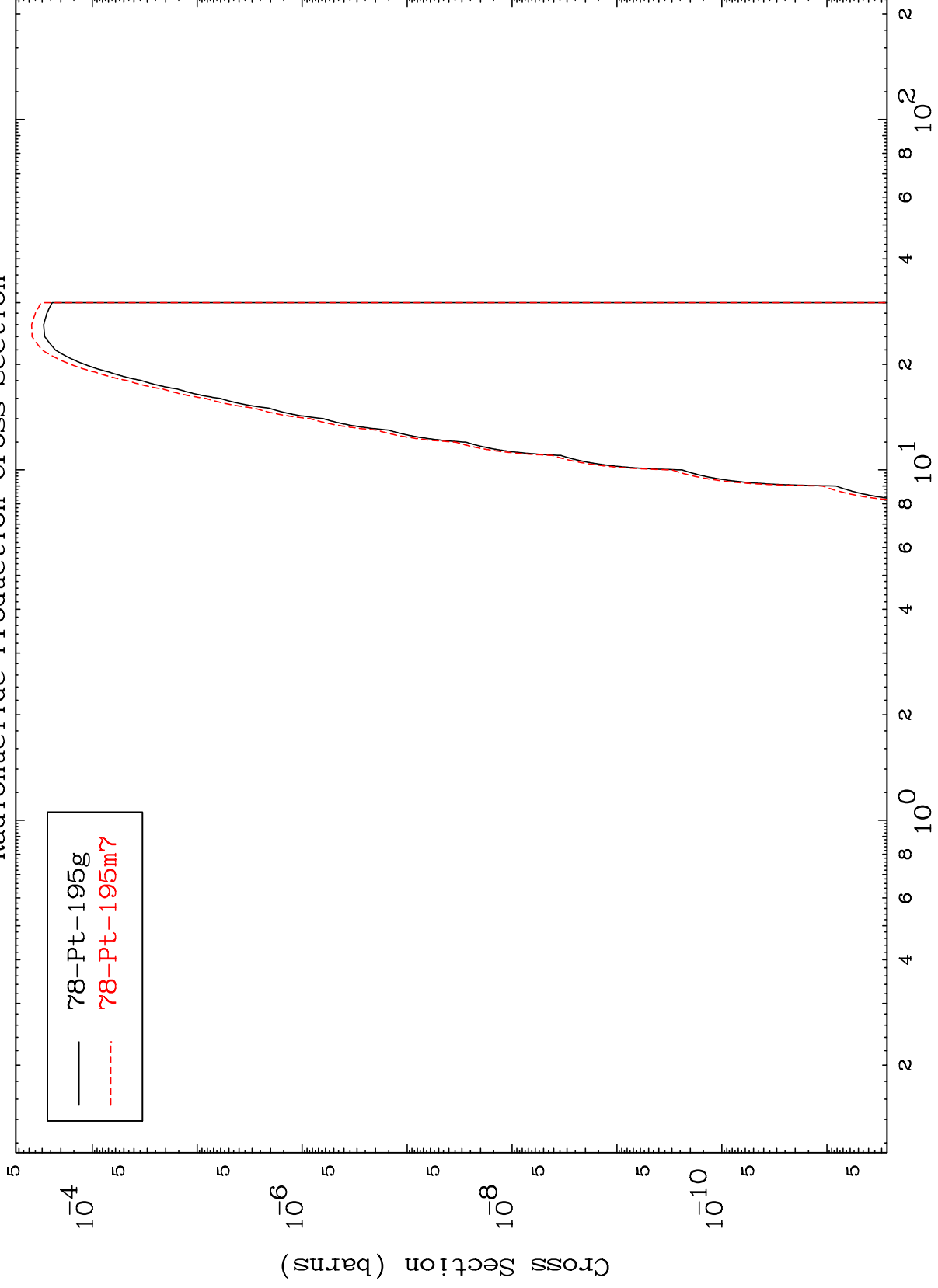
(n, γ)



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77-Ir-193

(n,p)
Radionuclide Production Cross Section



77-Ir-193

Incident Energy (MeV)

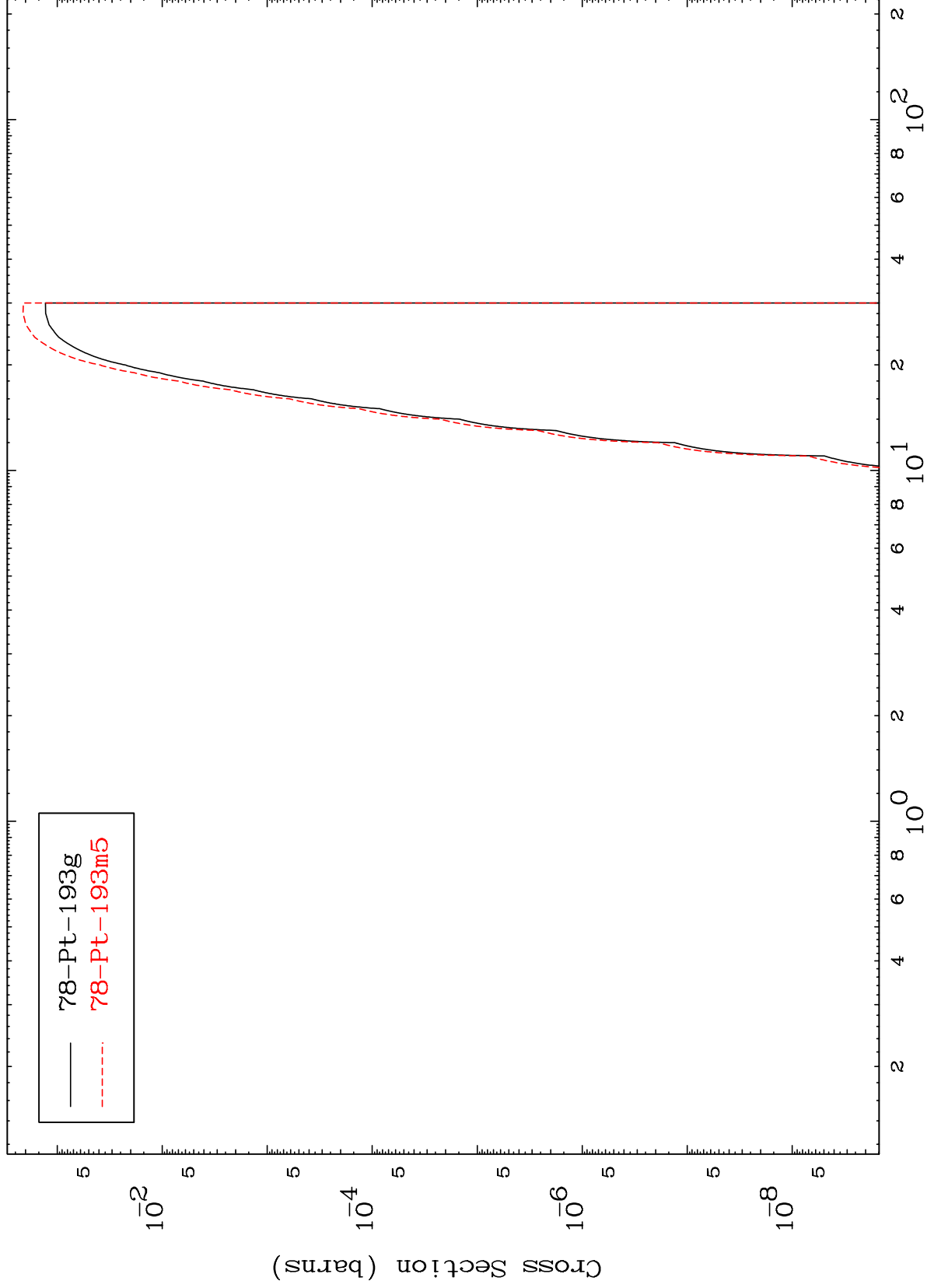
25

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(n, t)

77-Ir-193

Radionuclide Production Cross Section



26

Incident Energy (MeV)

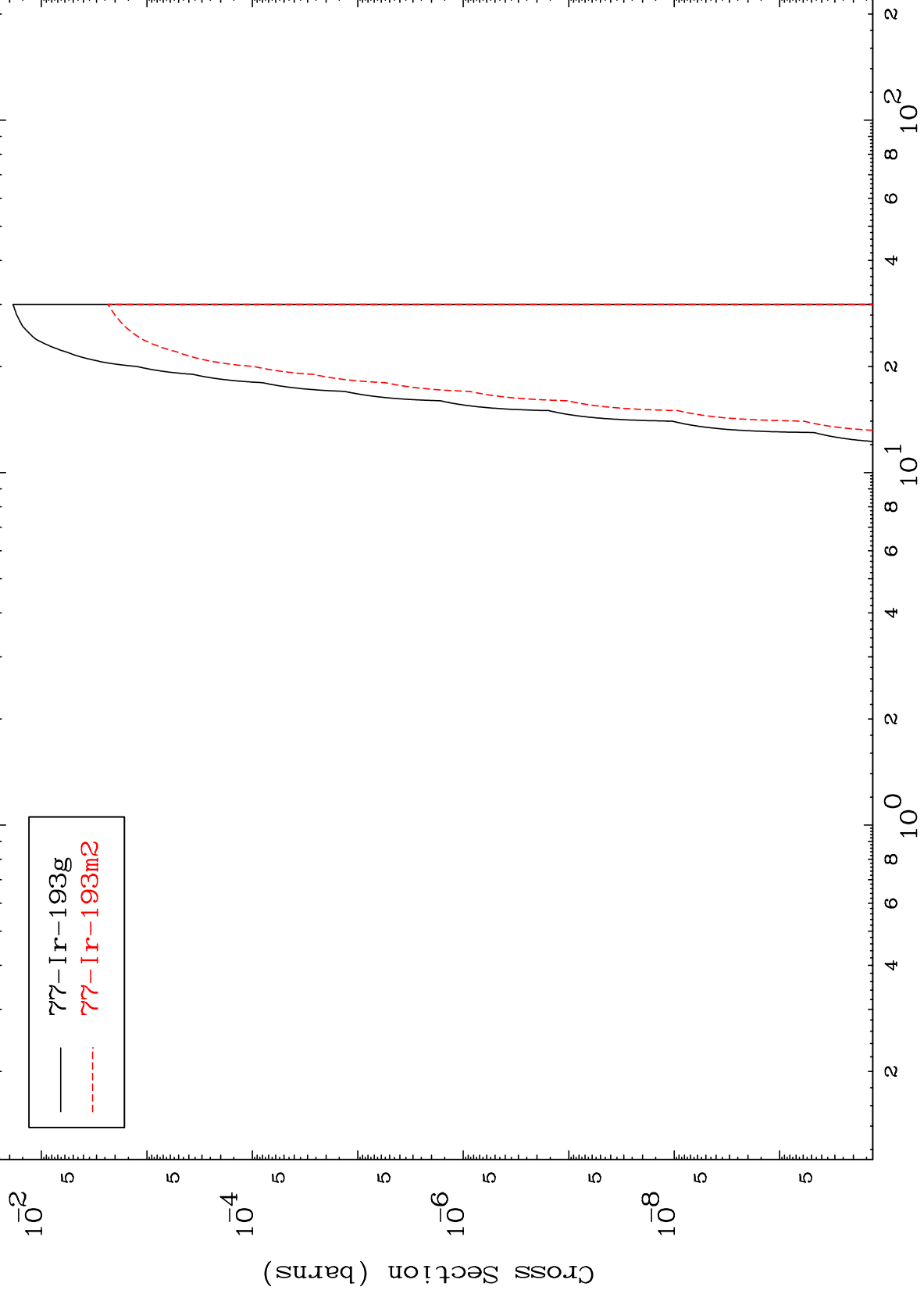
77-Ir-193

MAT 7731

(n,He-3)

⁷⁷Ir-193

Radionuclide Production Cross Section



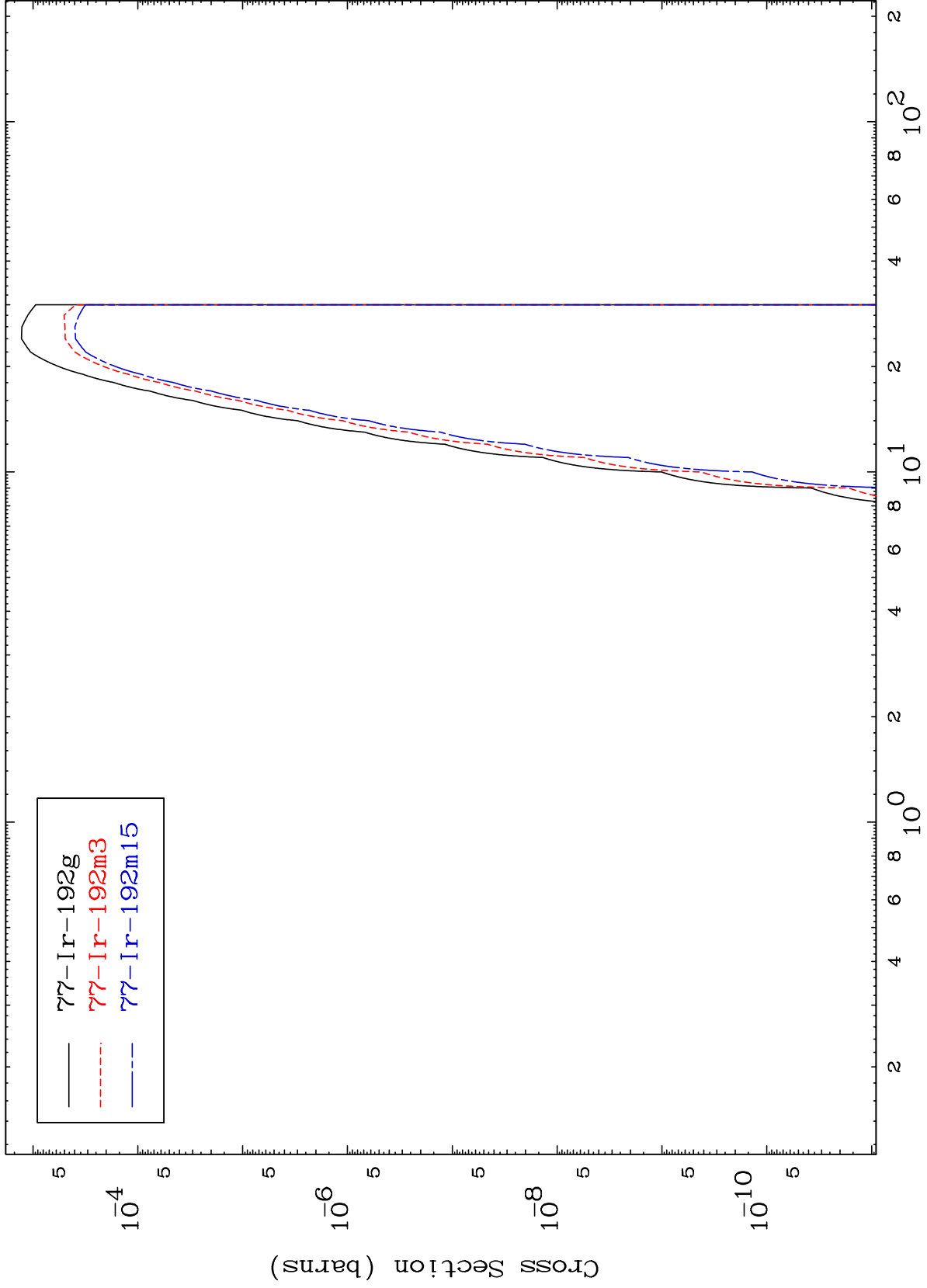
— ⁷⁷Ir-193g
- - - ⁷⁷Ir-193m2

MAT 7731

(n, α)

⁷⁷Ir-193

Radionuclide Production Cross Section



28

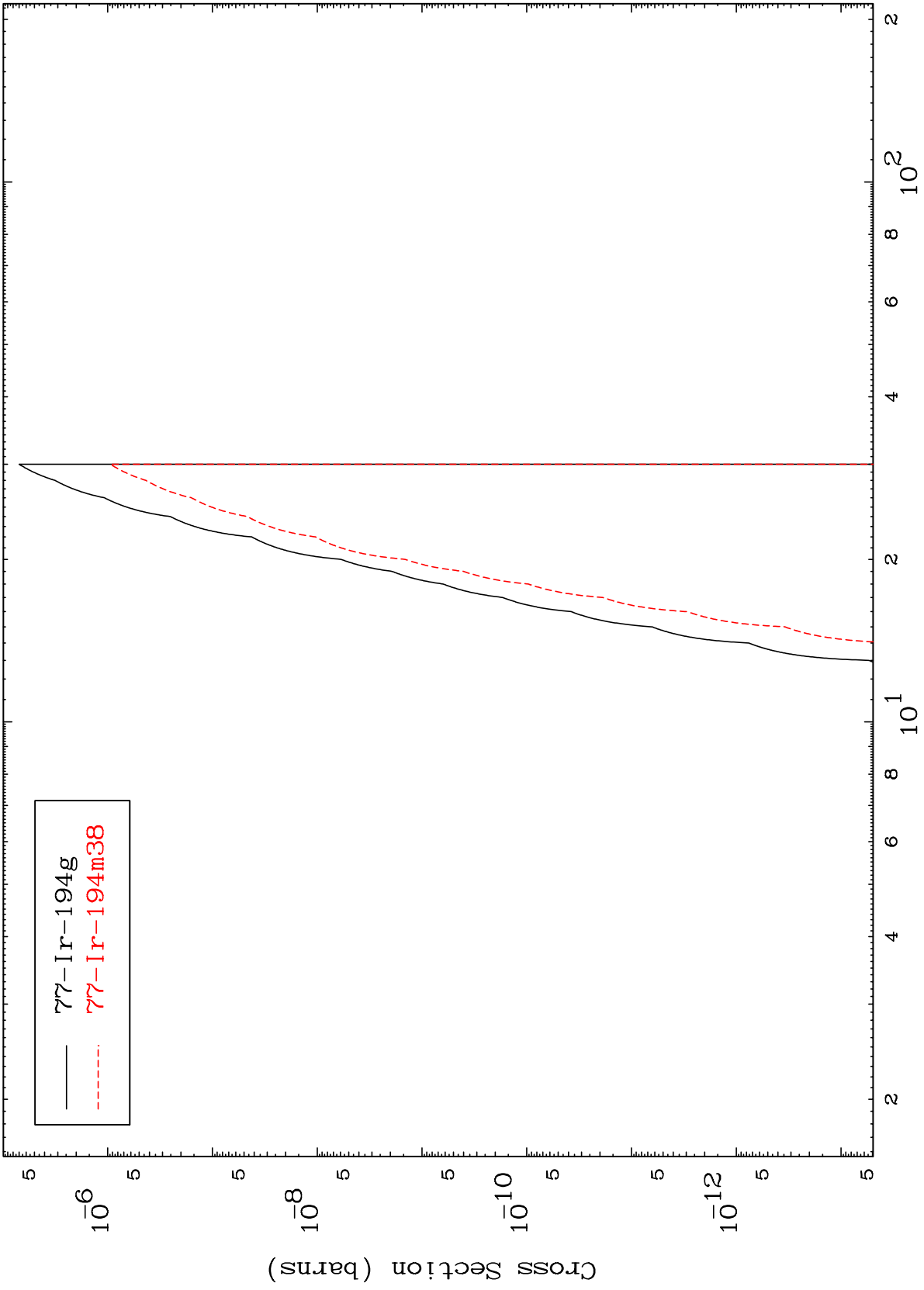
Incident Energy (MeV)

⁷⁷Ir-193

MAT 7731

77-Ir-193

(n,2p)
Radionuclide Production Cross Section



— 77-Ir-194g
- - - 77-Ir-194m38

29

77-Ir-193

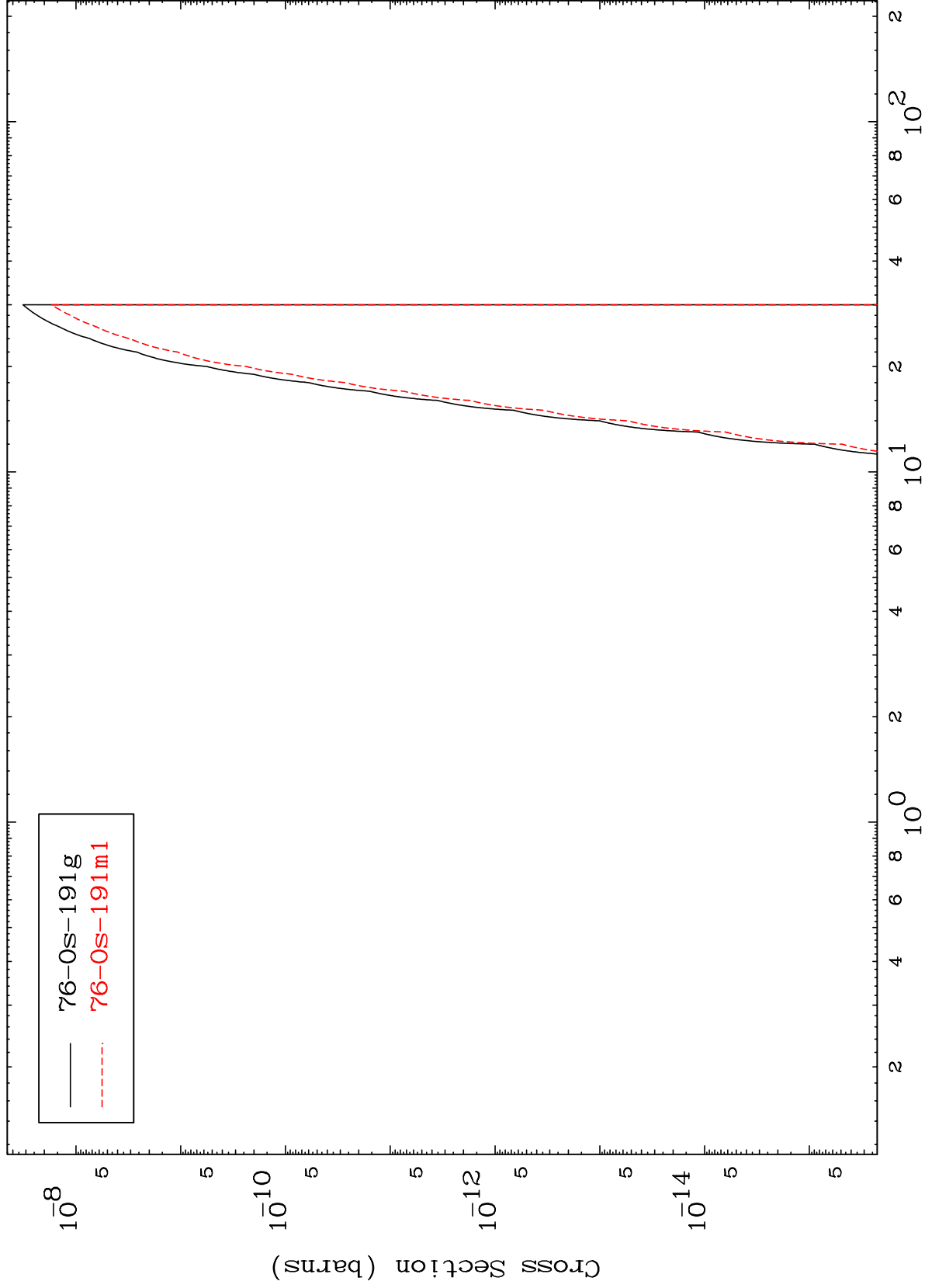
Incident Energy (MeV)

MAT 7731

(n,p) α

⁷⁷Ir-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

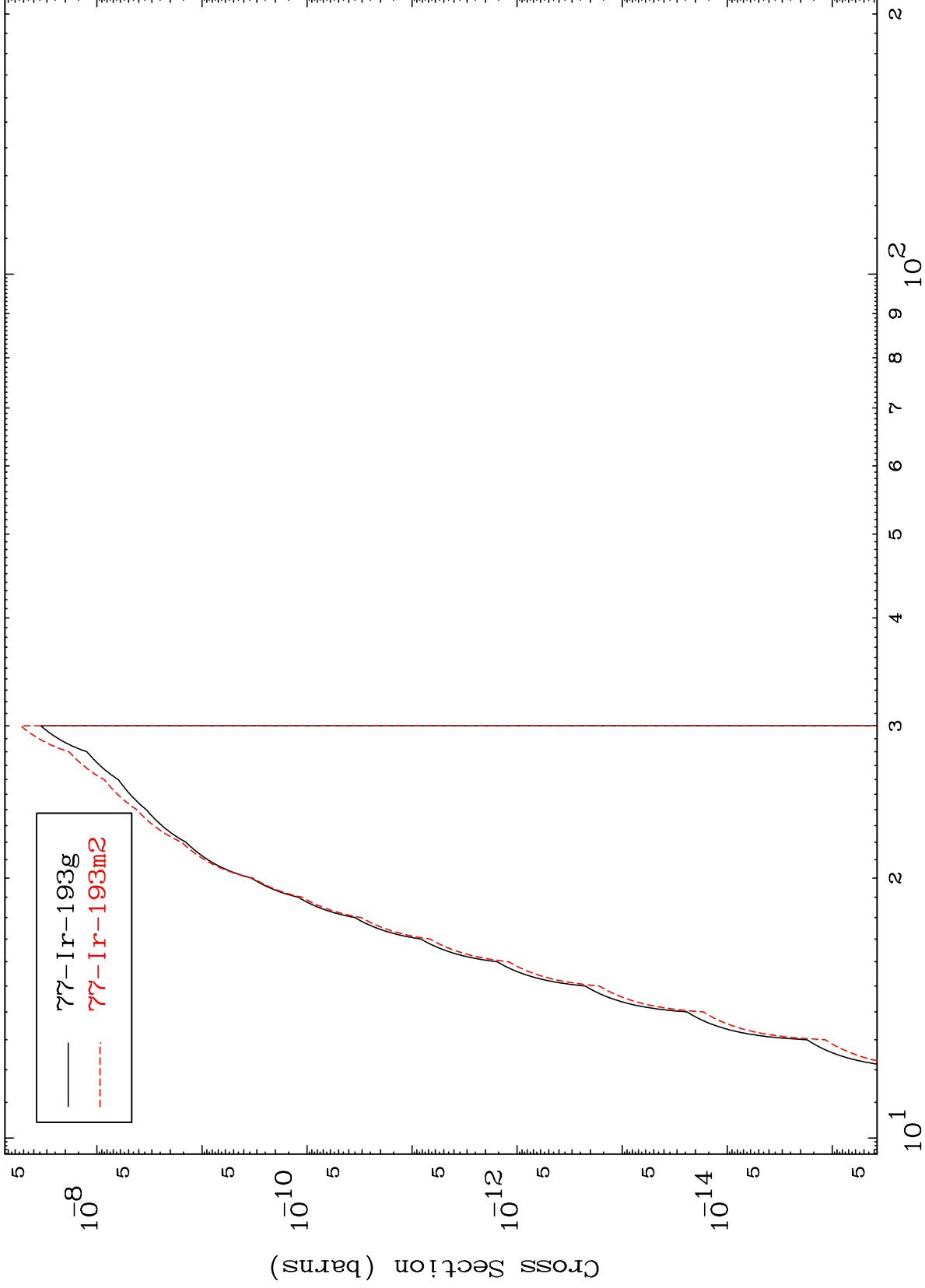
⁷⁷Ir-193

MAT 7731

(n,p) d

⁷⁷Ir-193

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-193

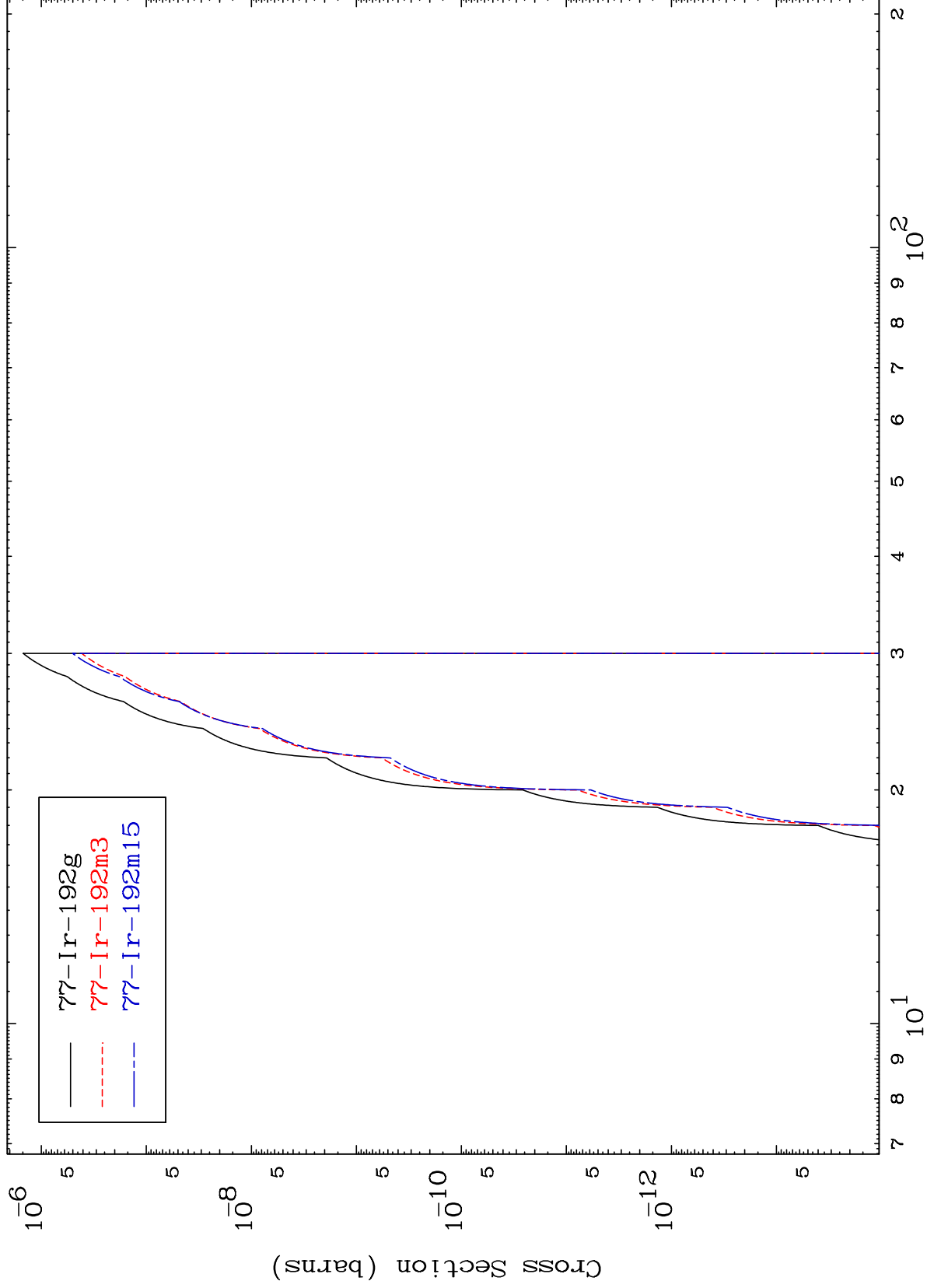
31

MAT 7731

(n,p) t

⁷⁷Ir-193

Radionuclide Production Cross Section



32

Incident Energy (MeV)

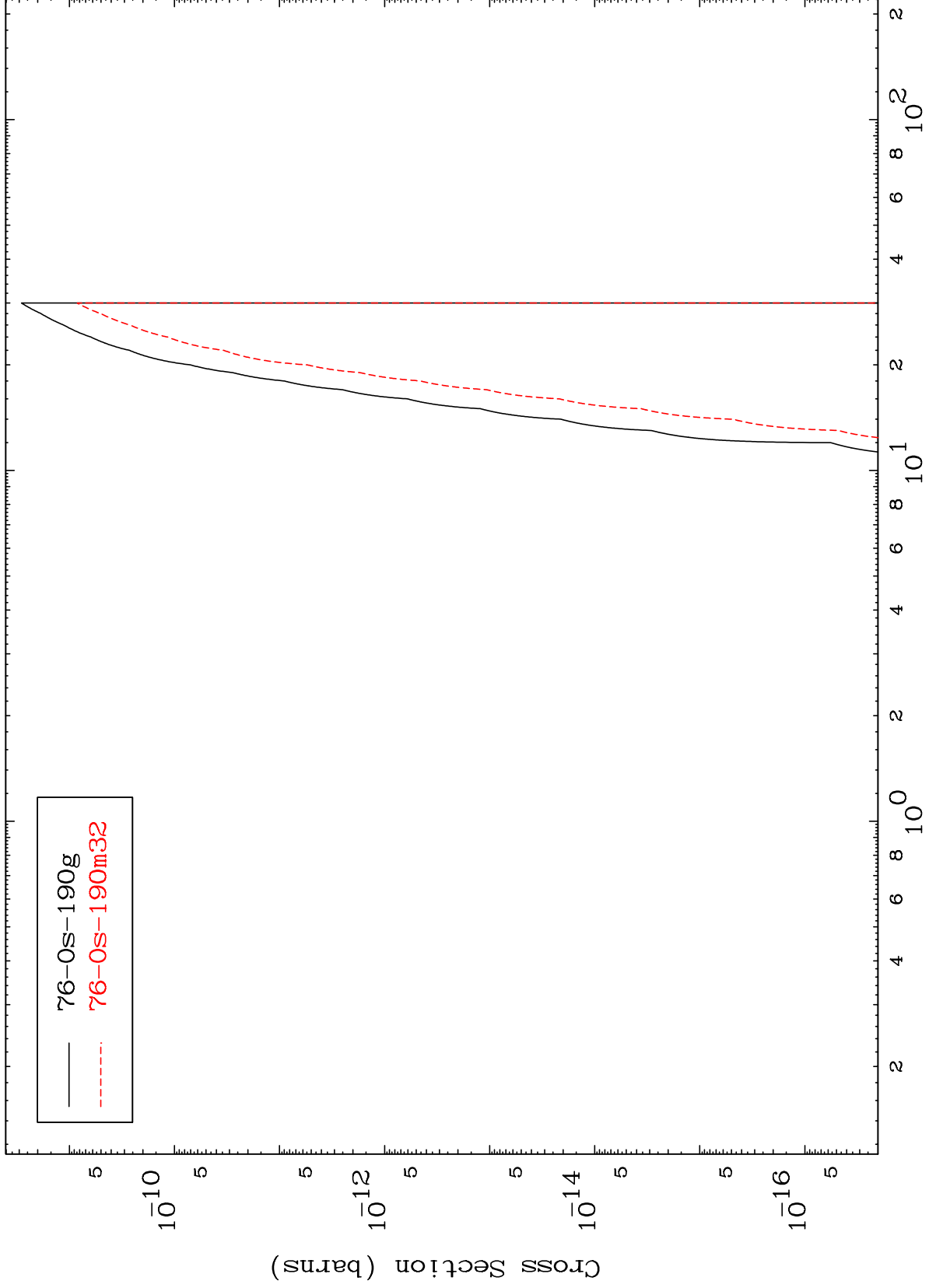
⁷⁷Ir-193

MAT 7731

(n,d) α

⁷⁷Ir-193

Radionuclide Production Cross Section



33

⁷⁷Ir-193