

Program EVALPLOT
(Version 2017-1)

by

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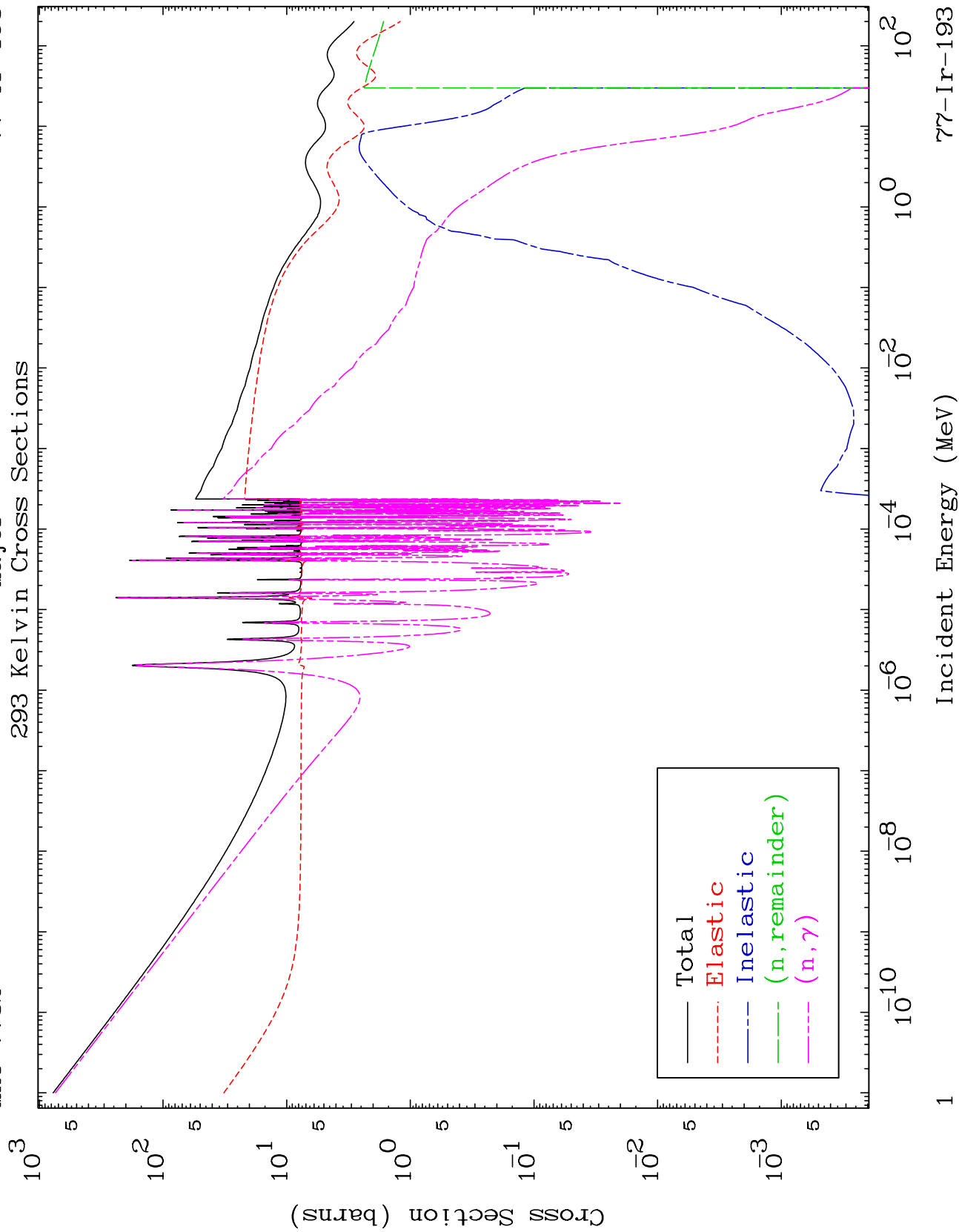
Press Mouse Button to Start

MAT 7732

Major

293 Kelvin Cross Sections

77-Ir-193



1

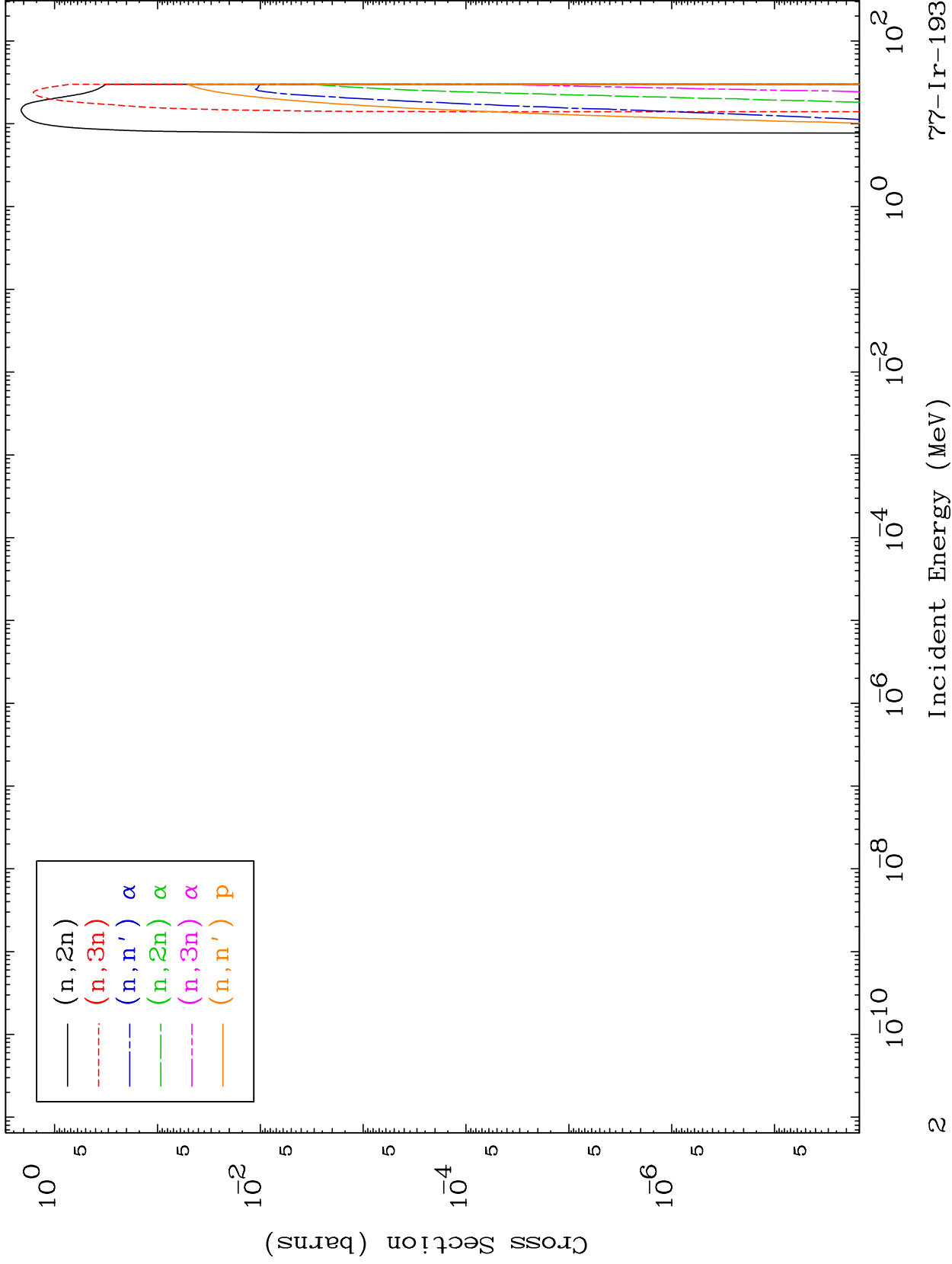
Incident Energy (MeV)

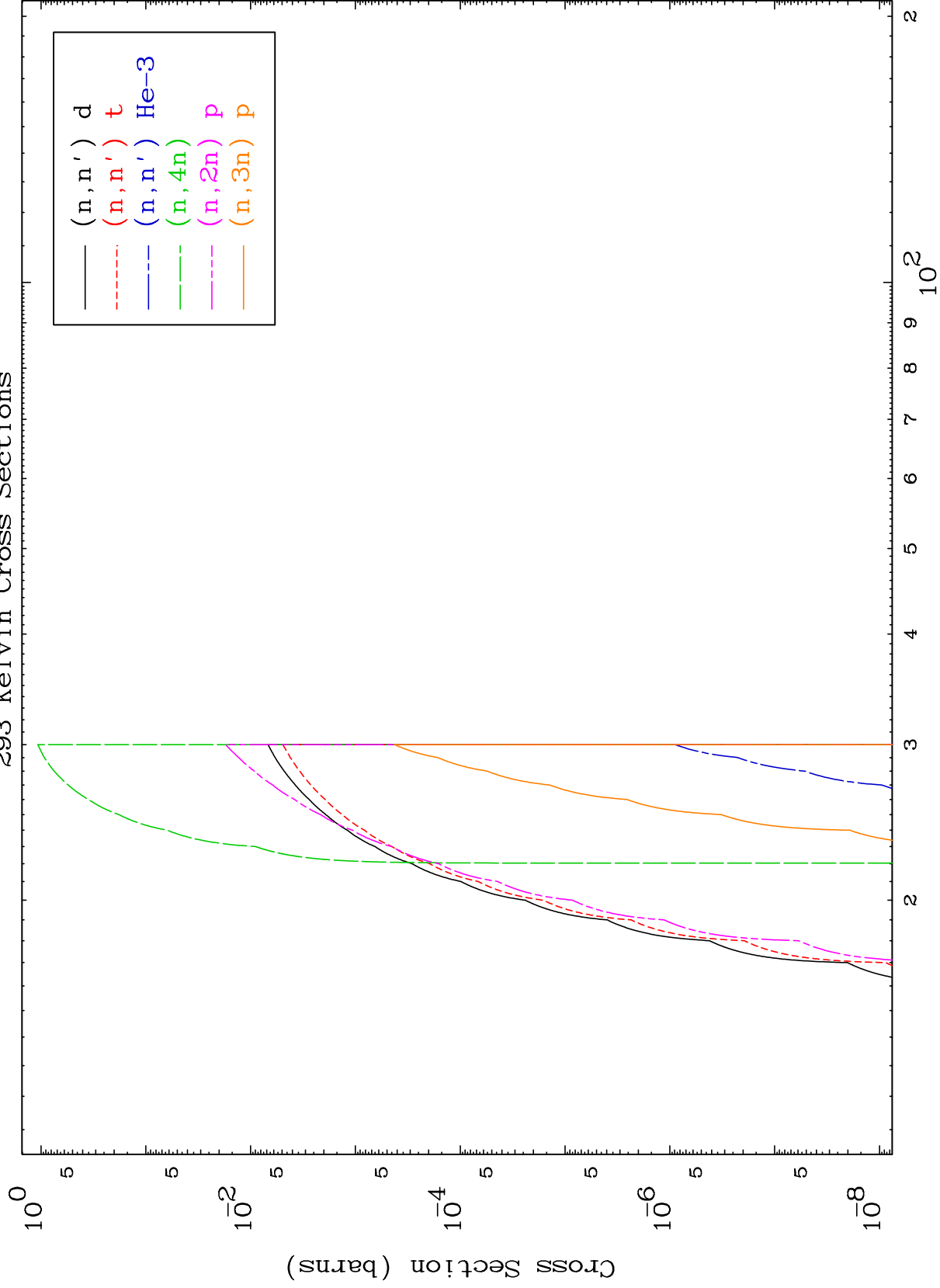
77-Ir-193

MAT 7732

Neutron Production
293 Kelvin Cross Sections

77-Ir-193

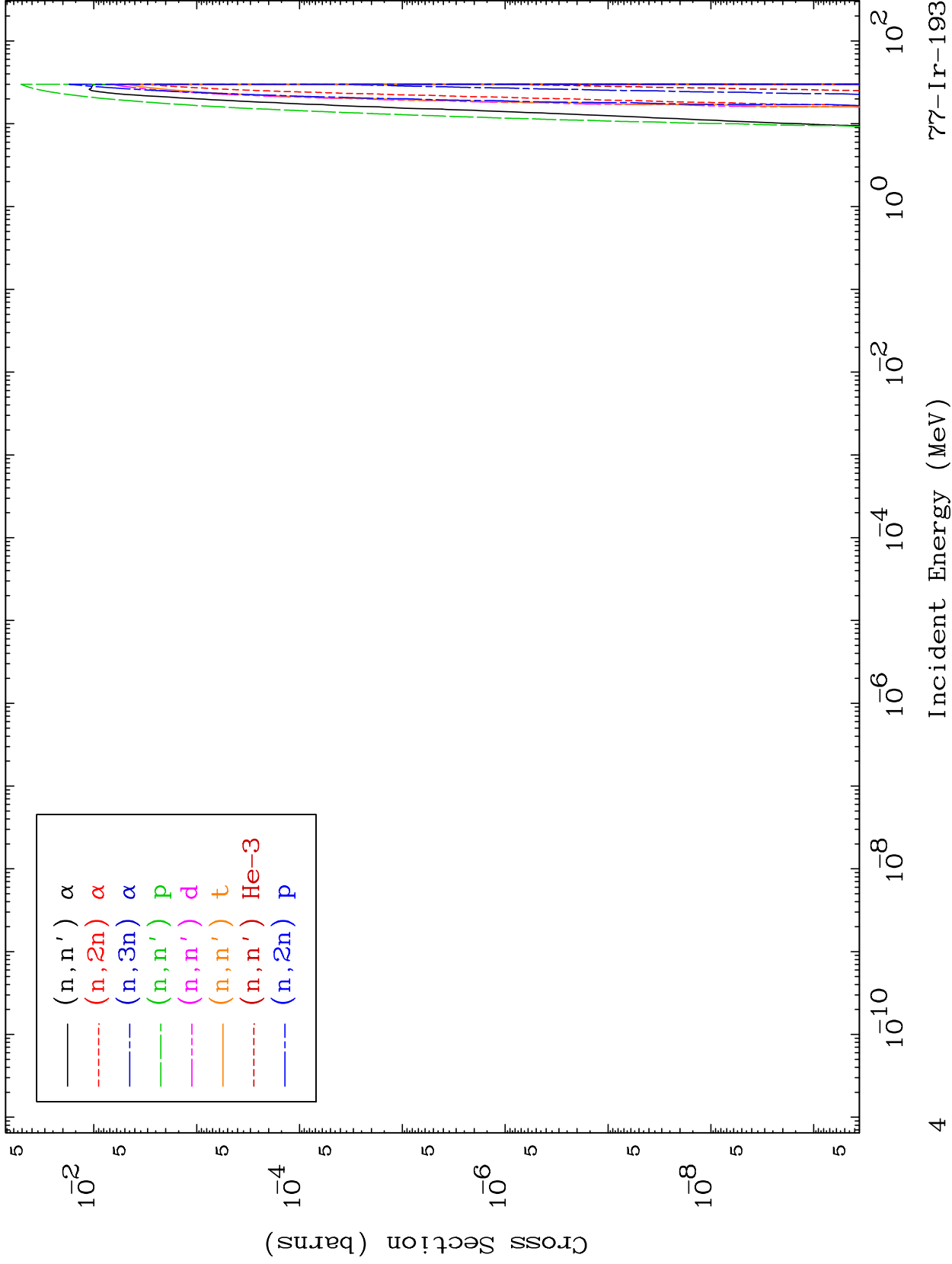




MAT 7732

Charged Particle
293 Kelvin Cross Sections

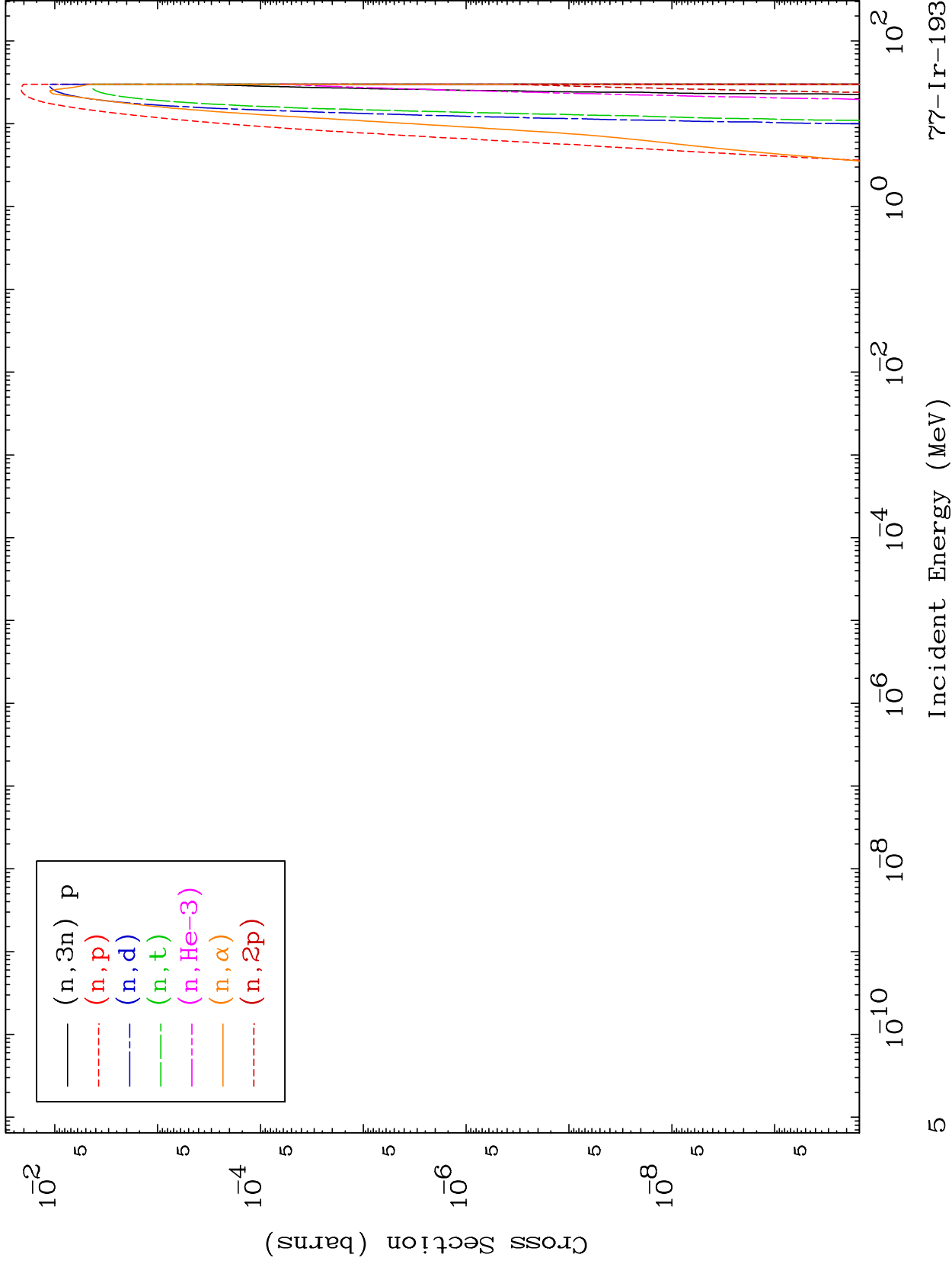
77-Ir-193

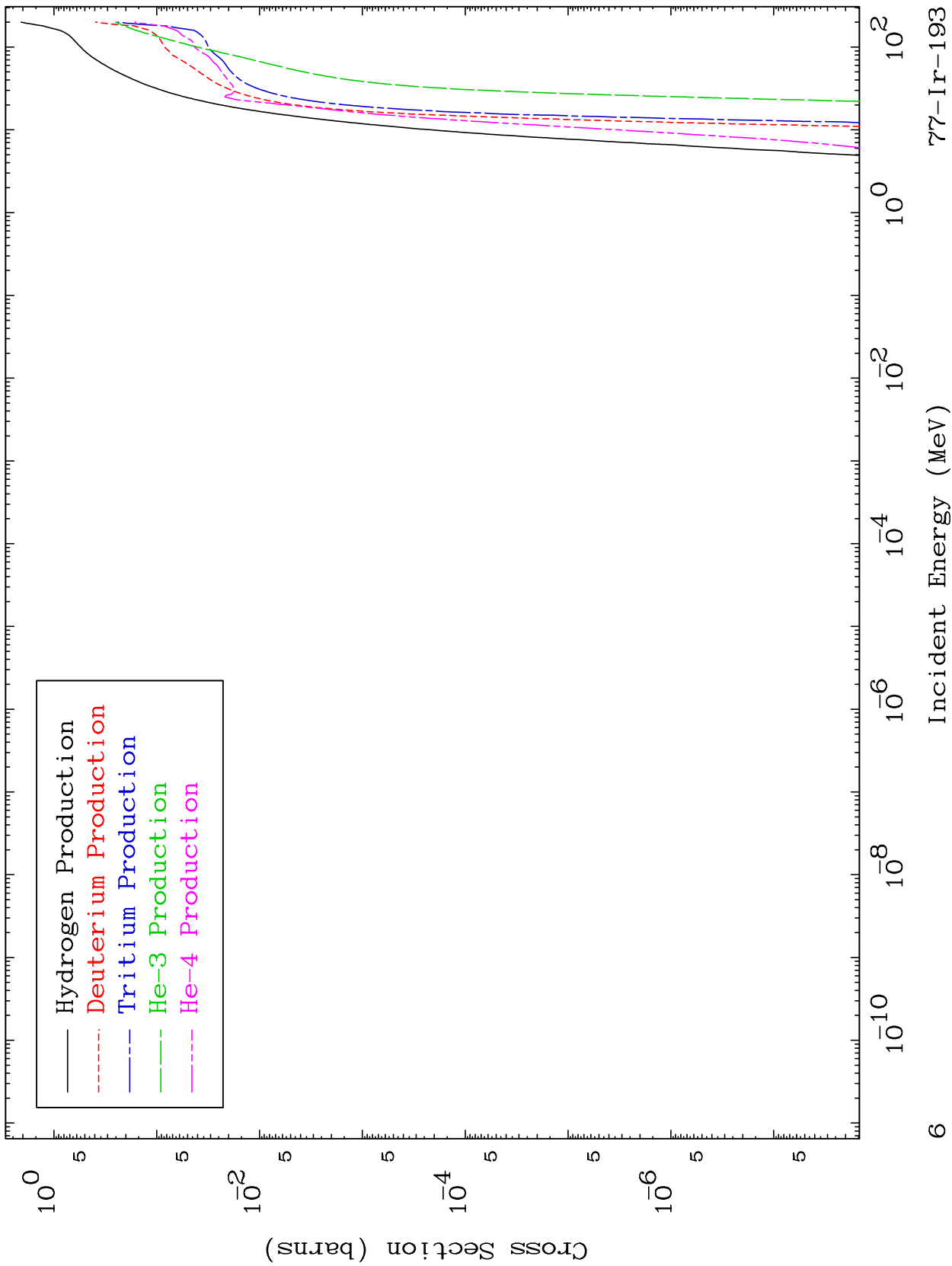


MAT 7732

Charged Particle
293 Kelvin Cross Sections

77-Ir-193

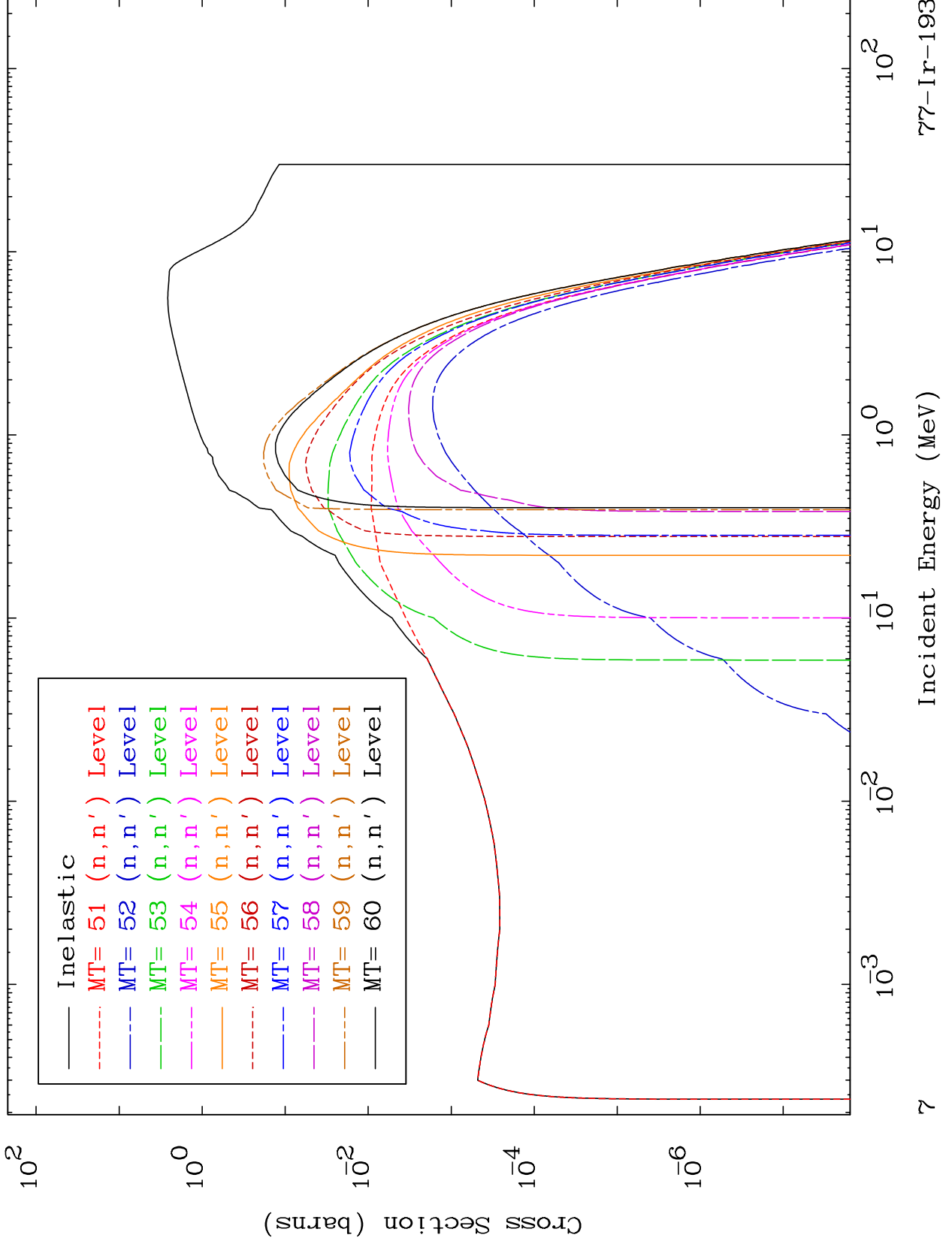




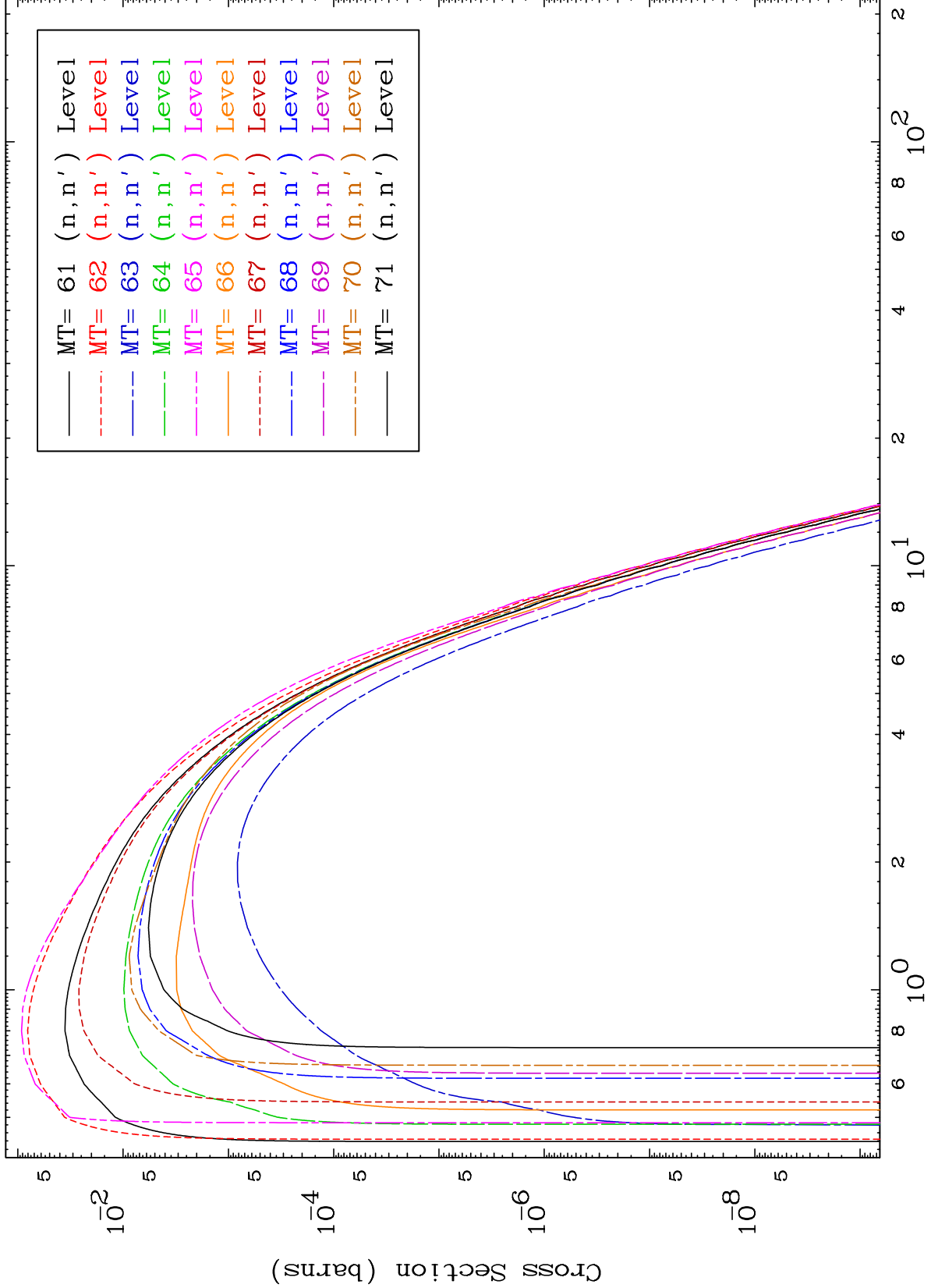
MAT 7732

(n,n') Level
293 Kelvin Cross Sections

77-Ir-193



293 Kelvin Cross Sections

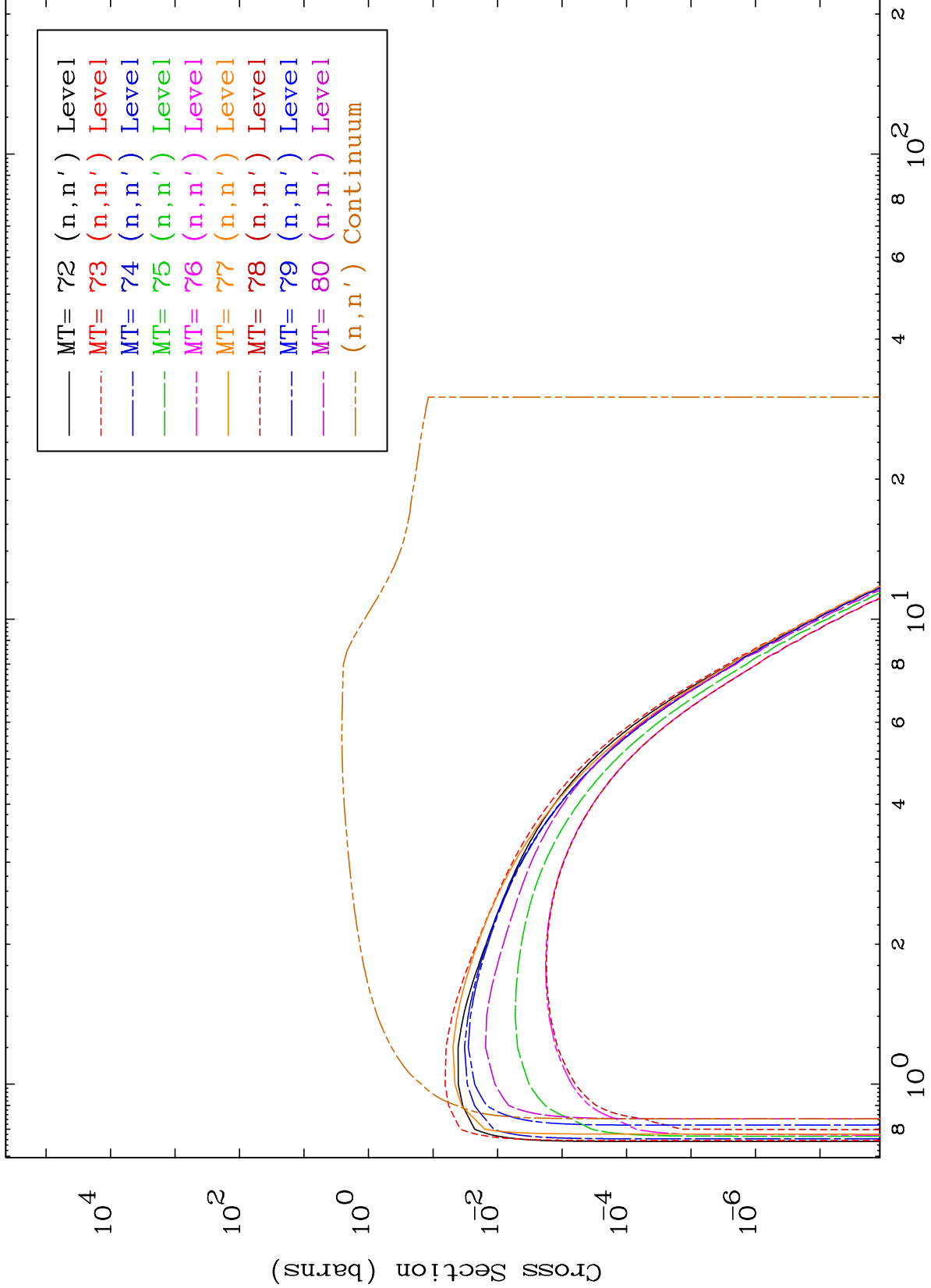


MAT 7732

(n,n') Level

77-Ir-193

293 Kelvin Cross Sections



9

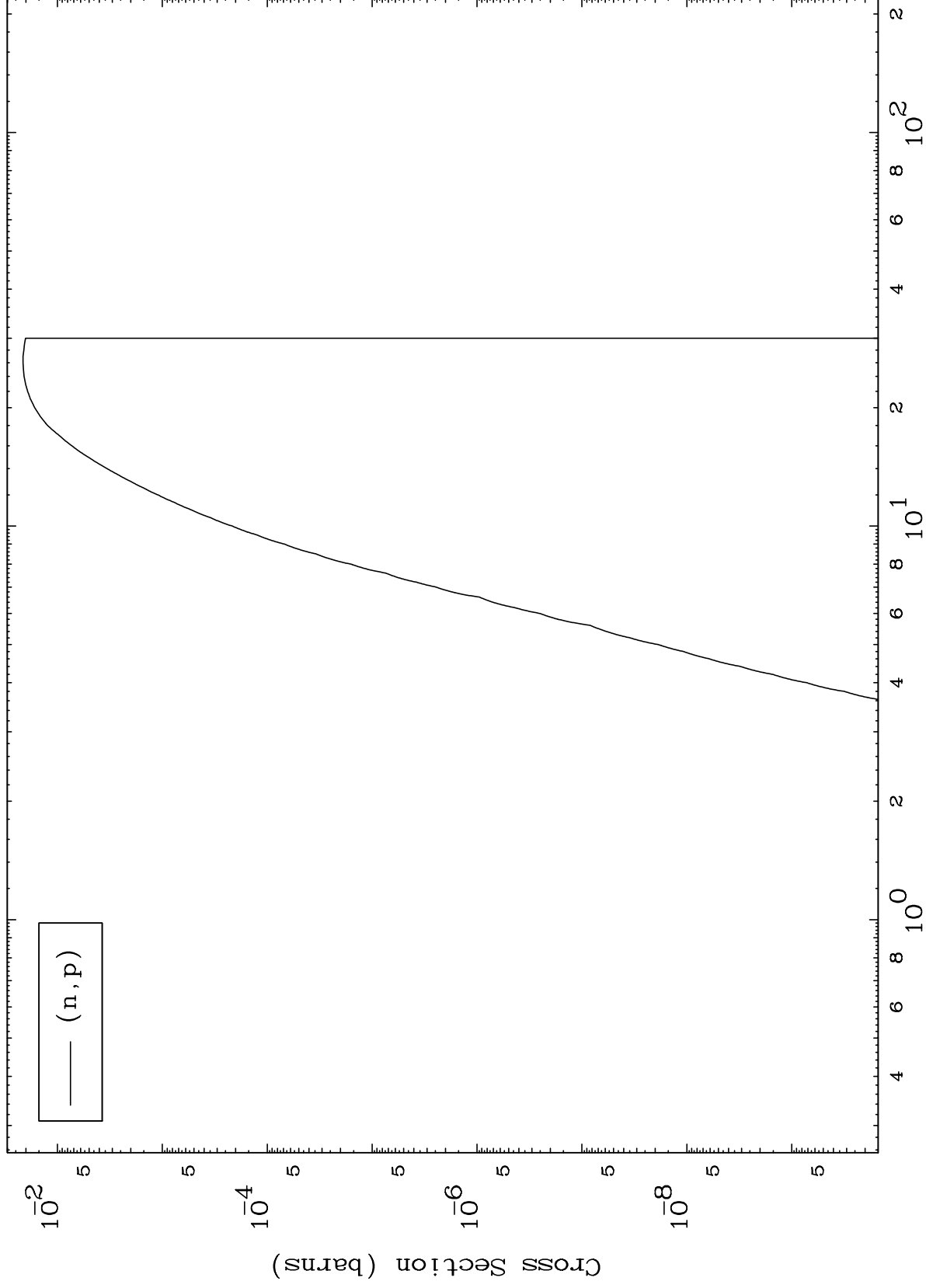
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-193



10

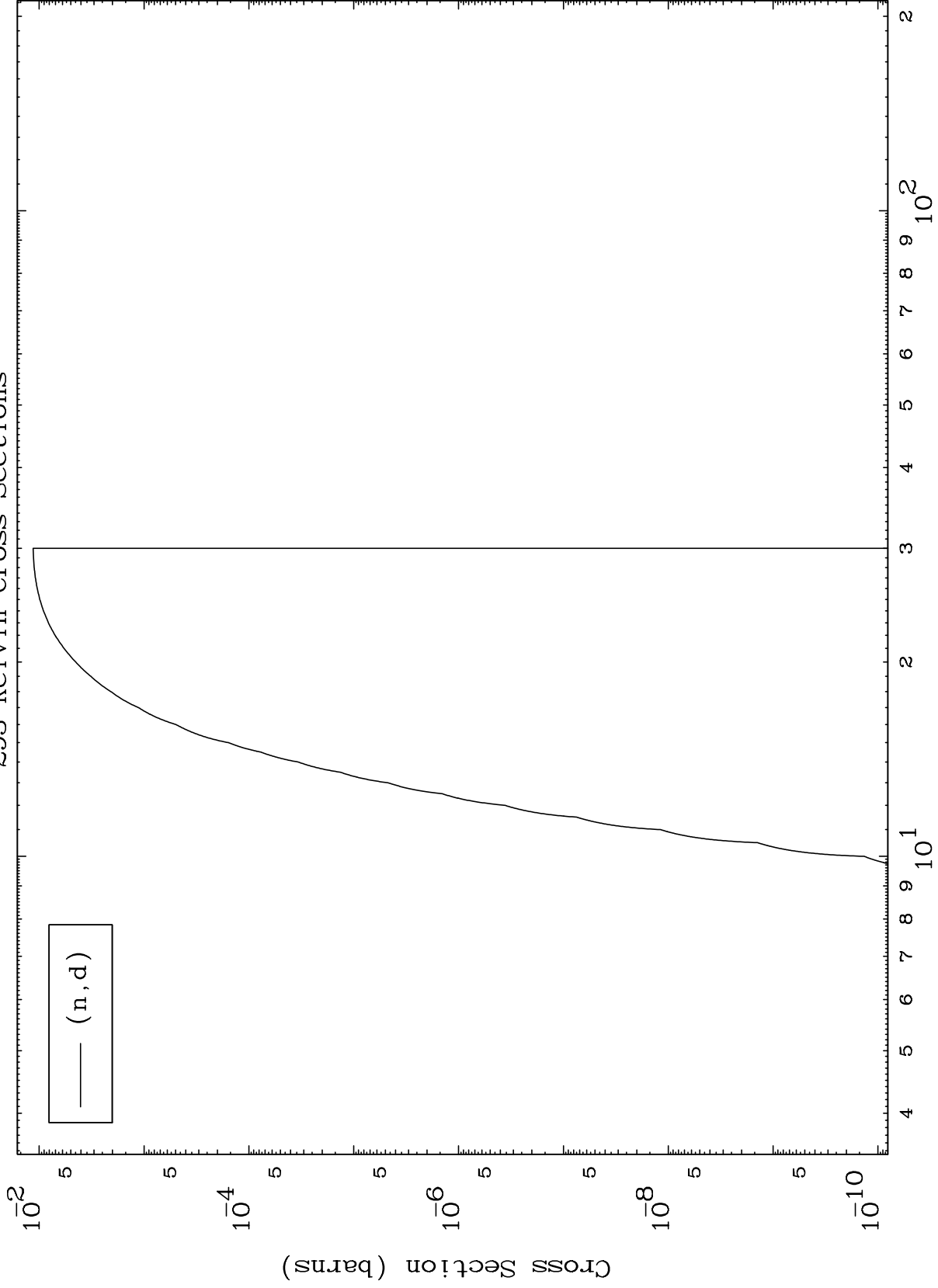
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-193



11

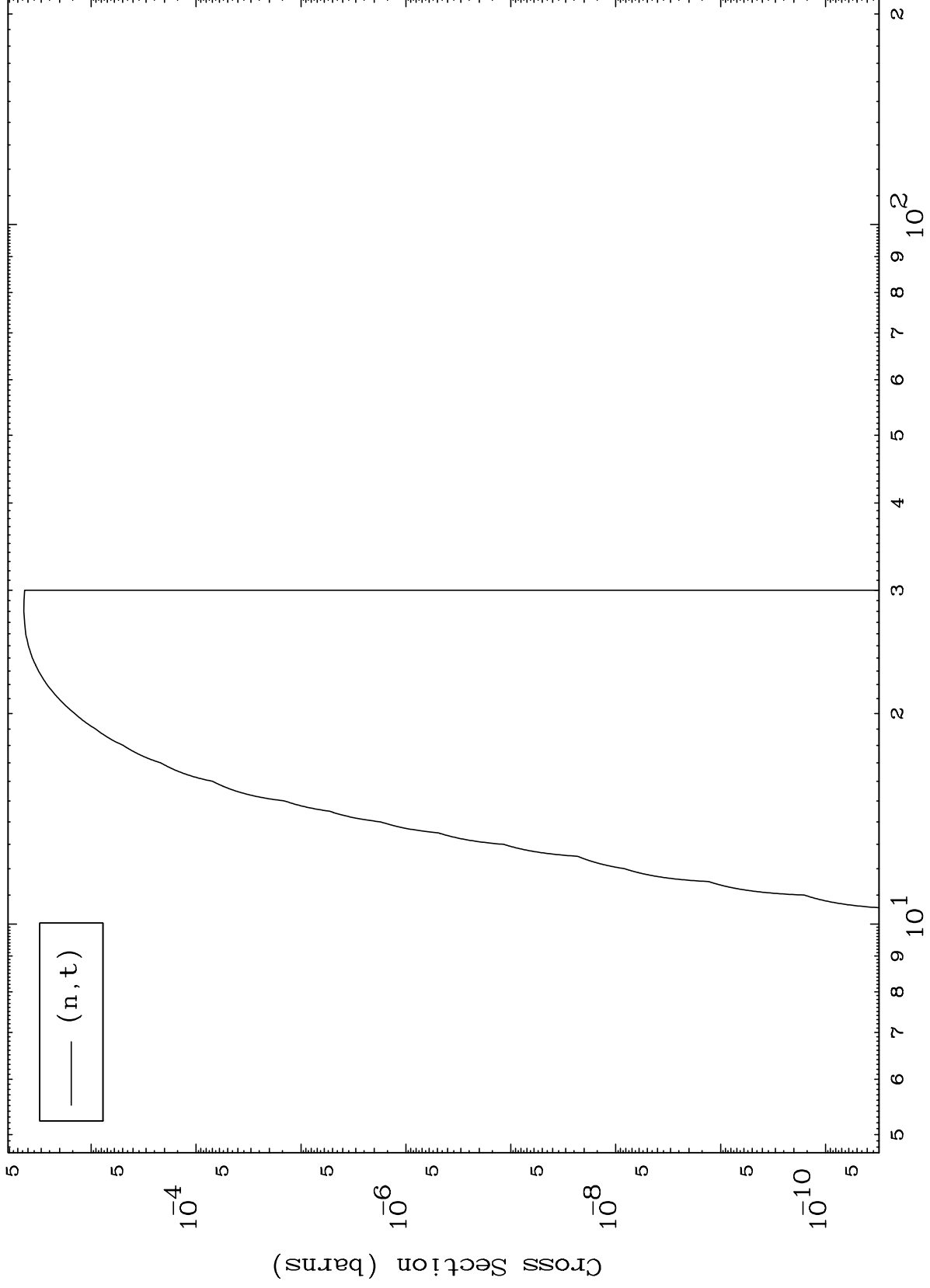
Incident Energy (MeV)

77-Ir-193

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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-193



12

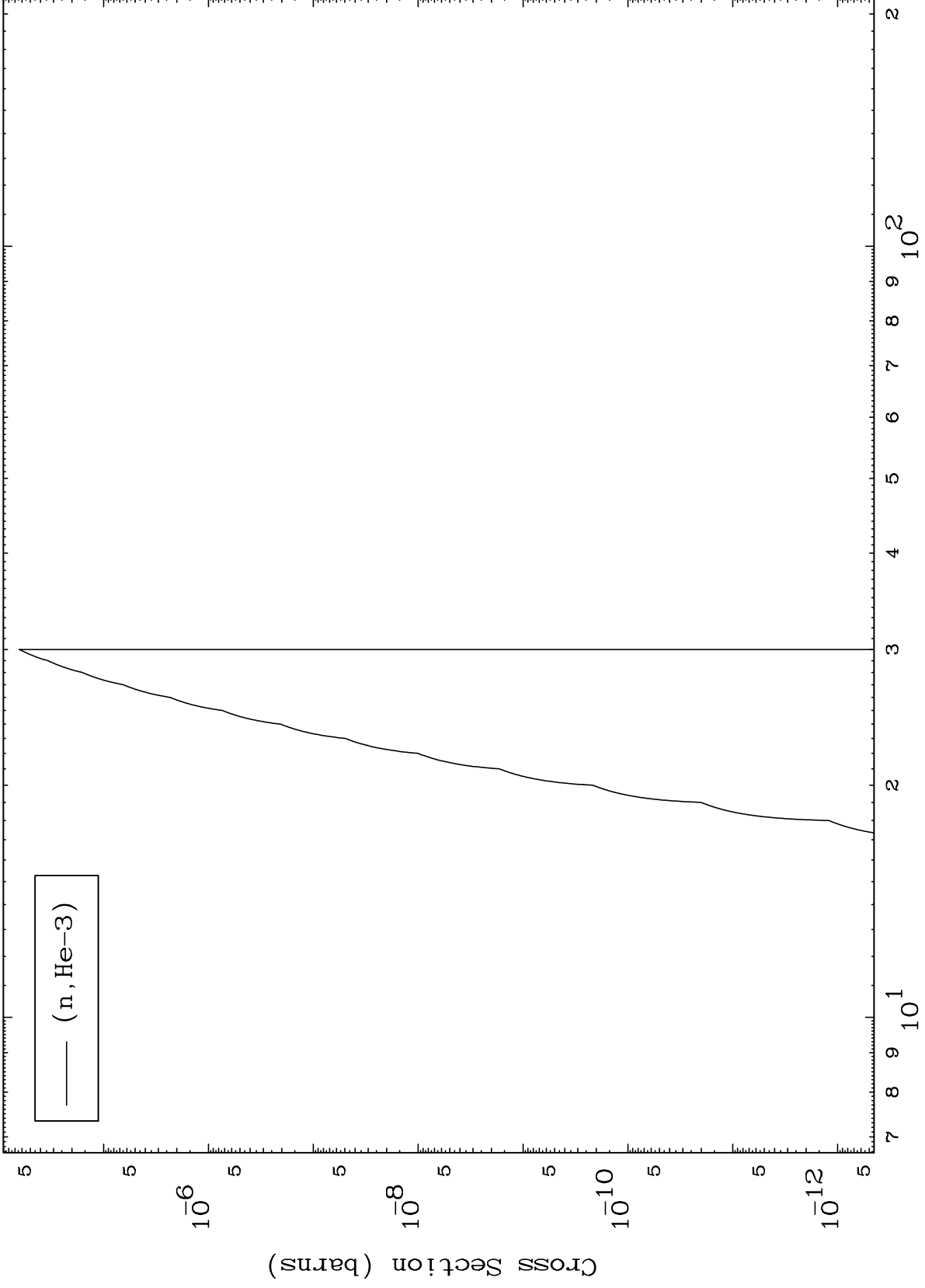
Incident Energy (MeV)

77-Ir-193

MAT 7732

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-193



13

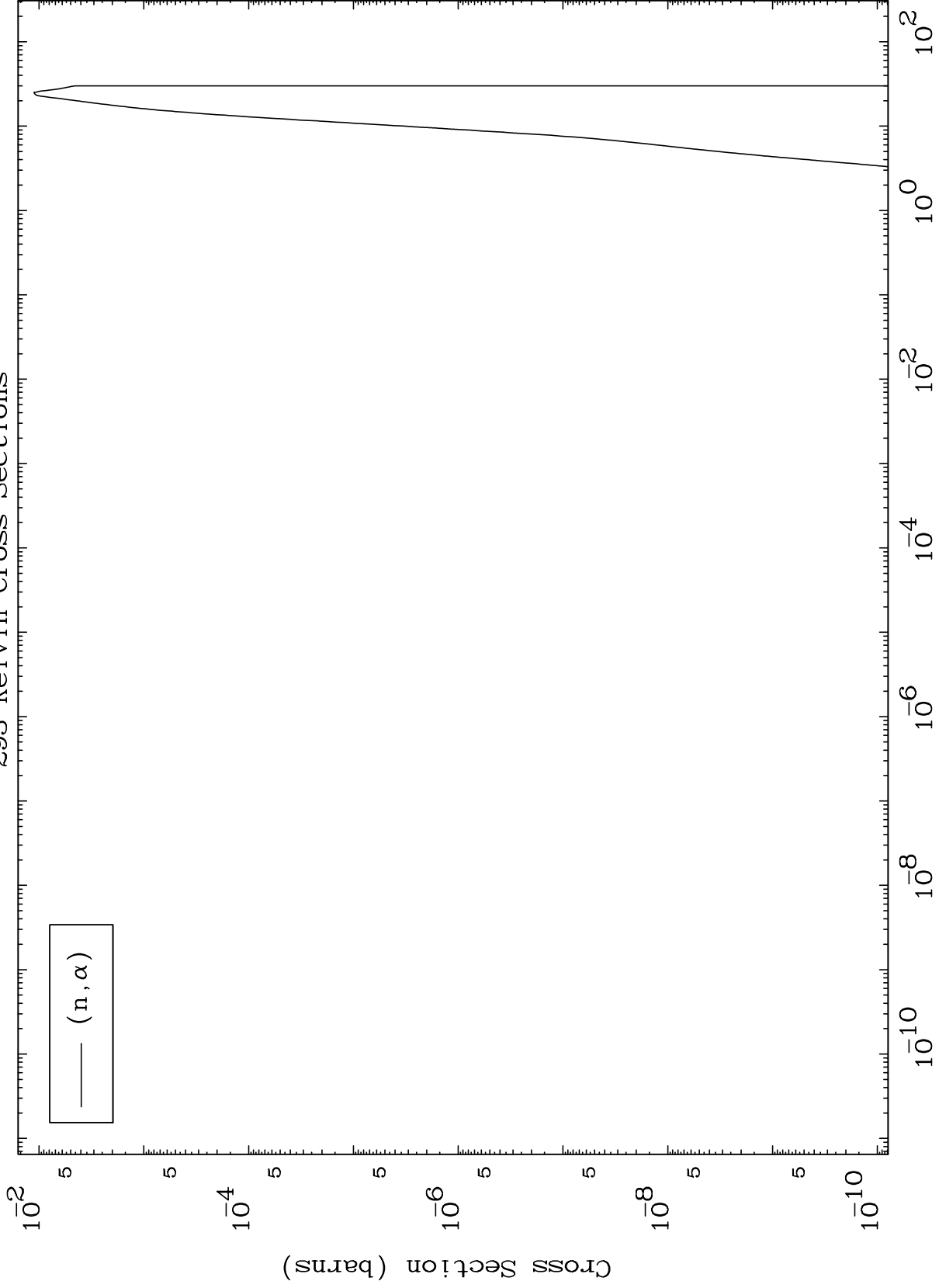
Incident Energy (MeV)

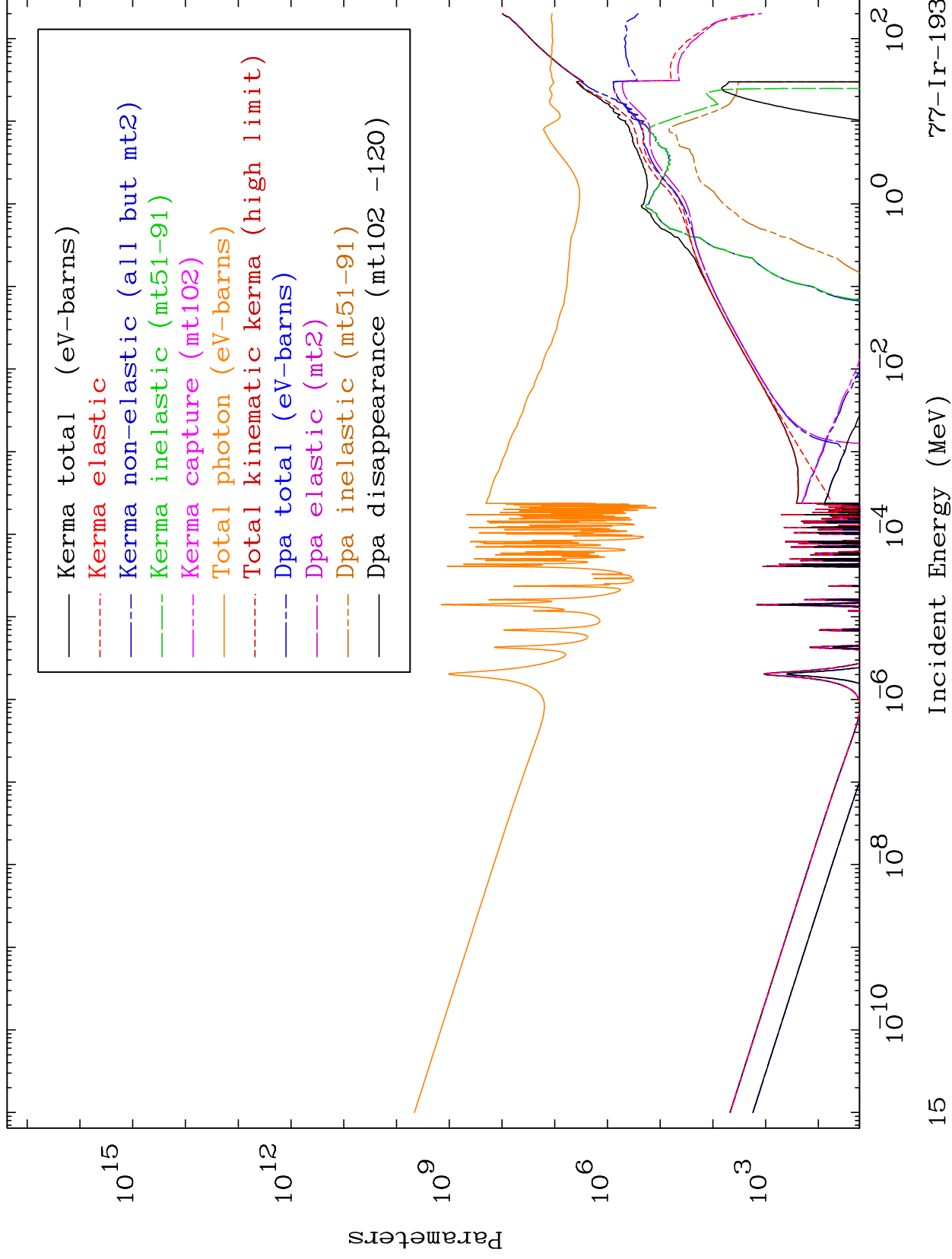
77-Ir-193

MAT 7732

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-193

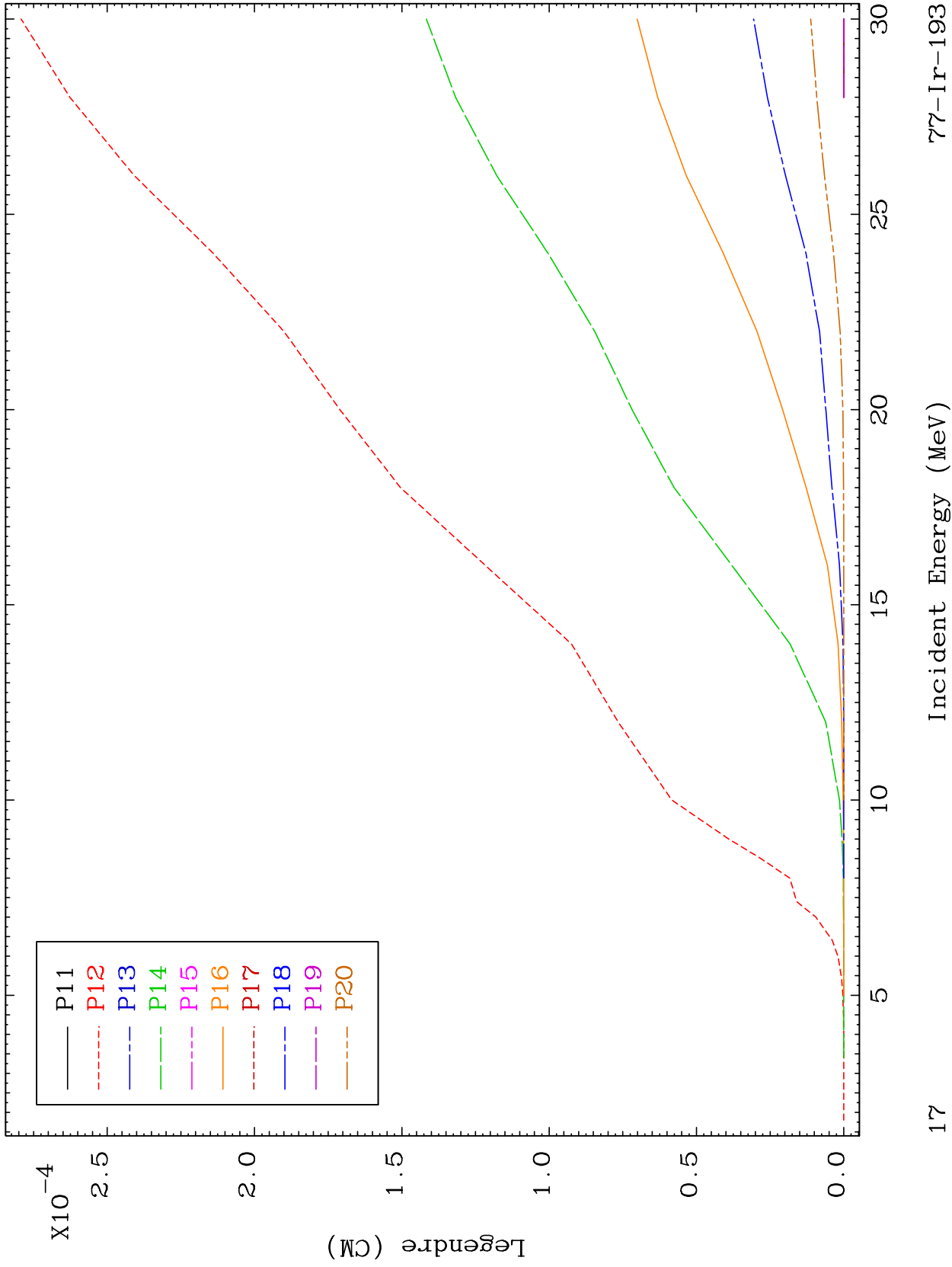




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Elastic Legendre Coefficients

77-Ir-193



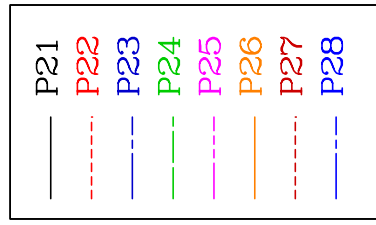
17

77-Ir-193

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Elastic
Legendre Coefficients

77-Ir-193



$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

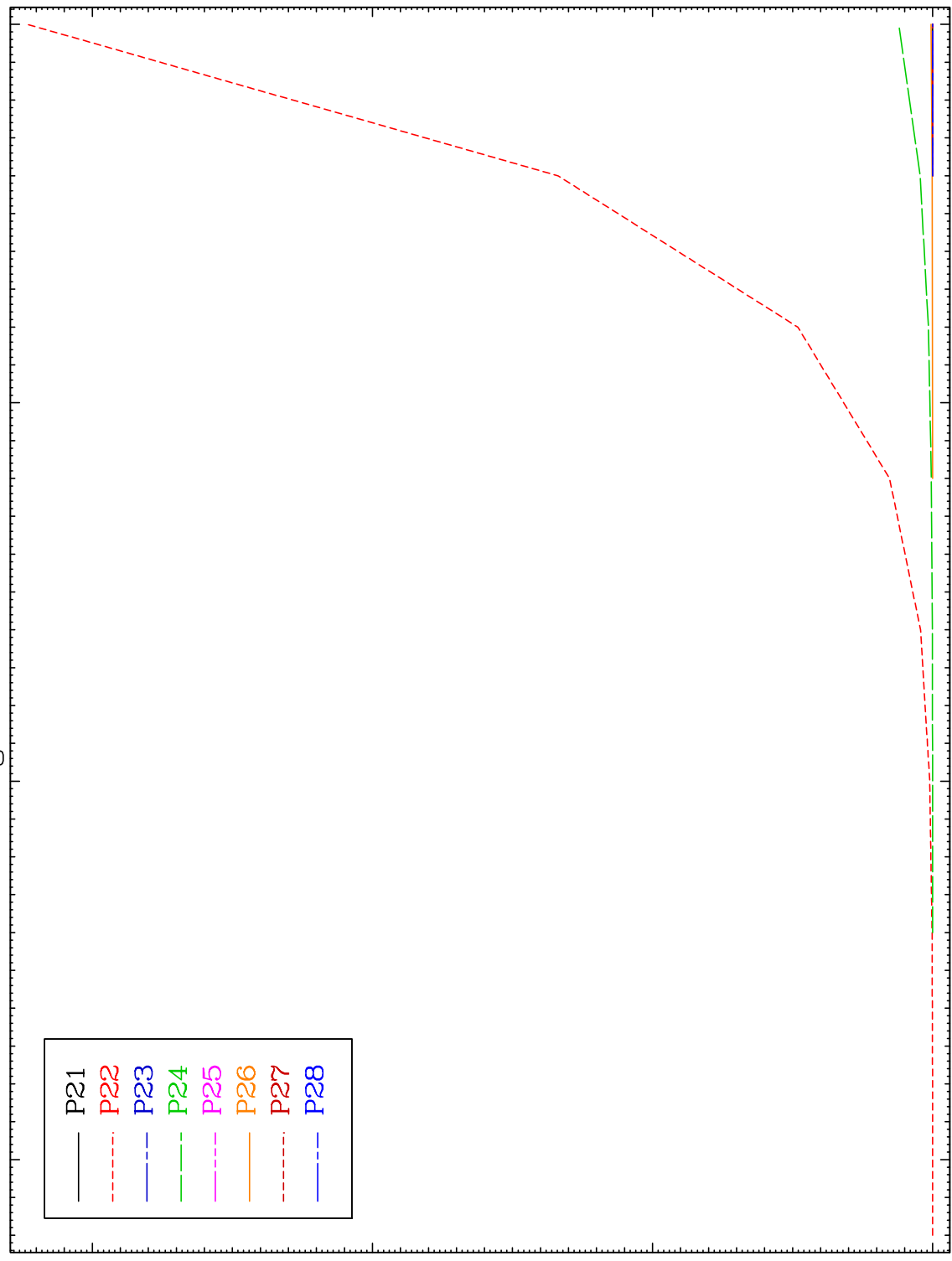
25

30

18

Incident Energy (MeV)

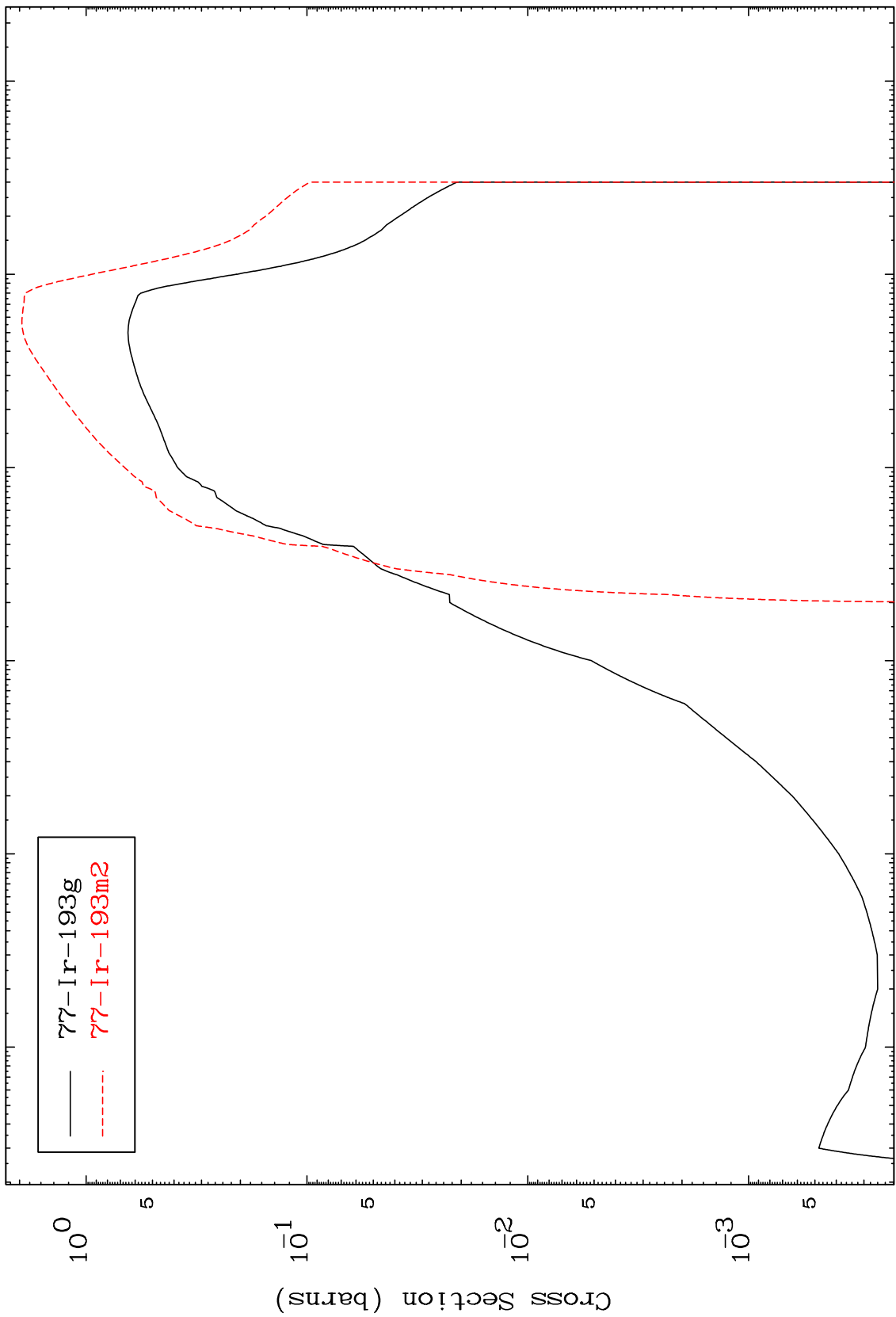
77-Ir-193



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77-Ir-193

Inelastic
Radionuclide Production Cross Section

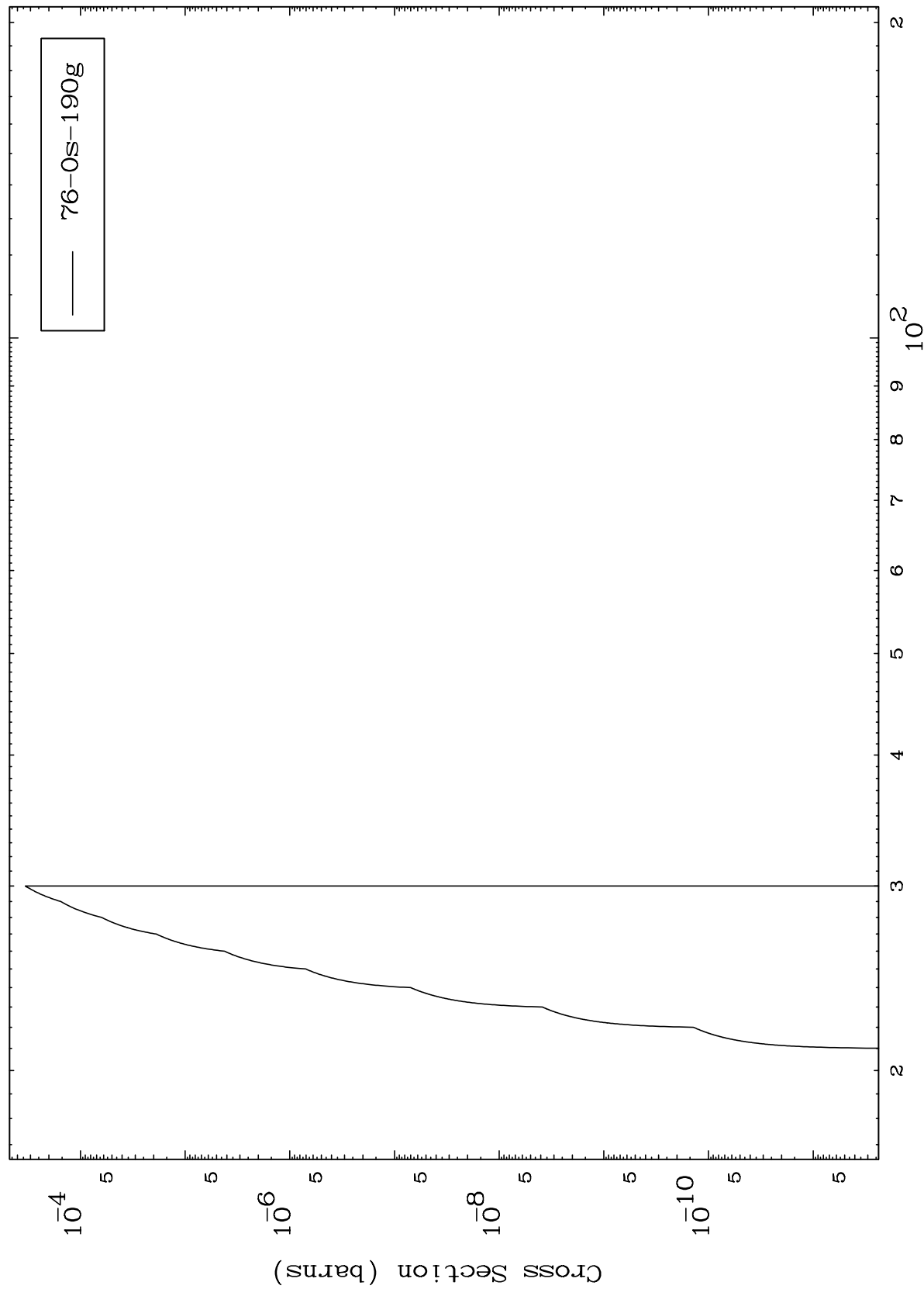


19

77-Ir-193

Incident Energy (MeV)

Radionuclide Production Cross Section

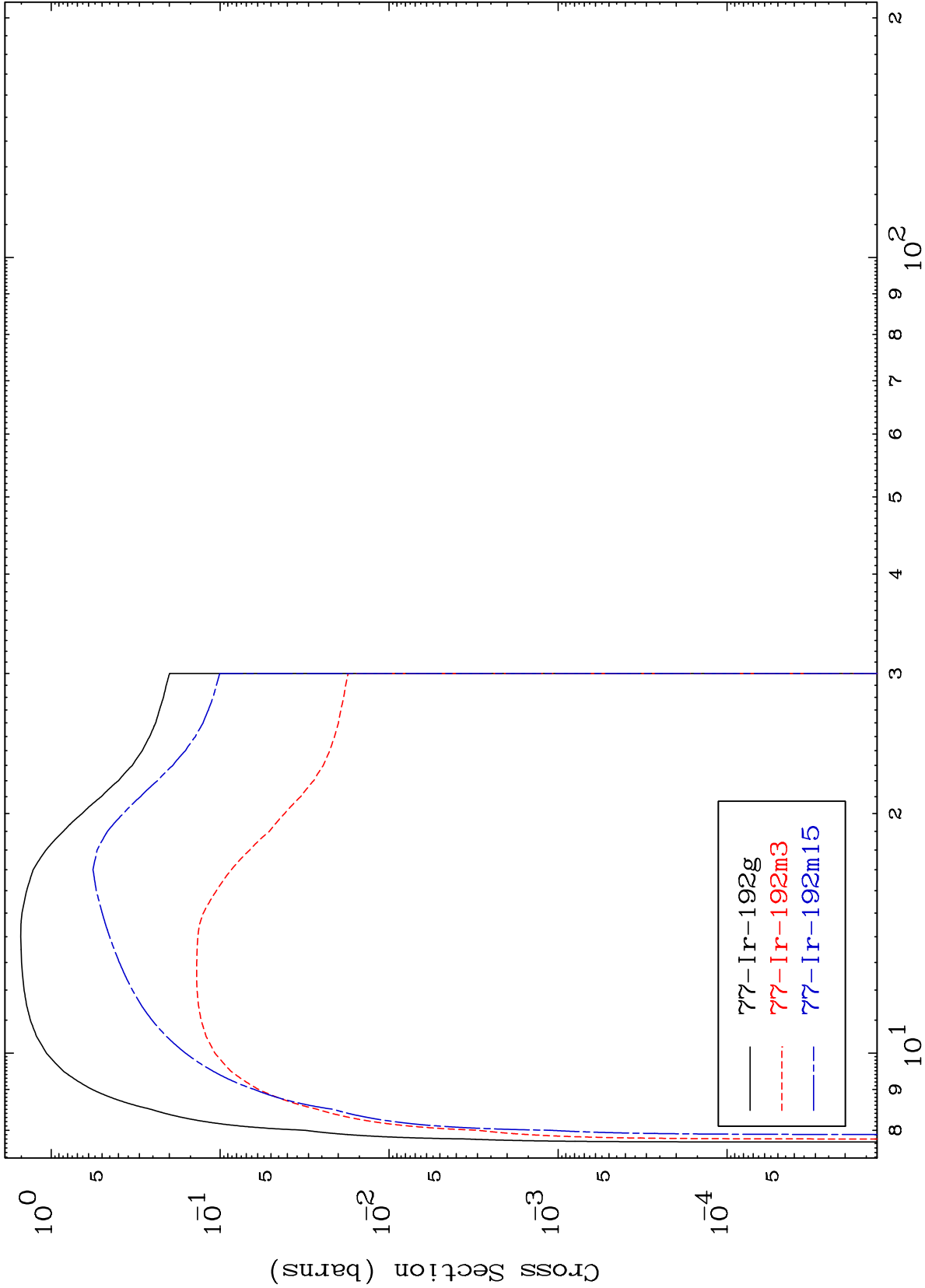


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(n,2n)

⁷⁷Ir-193

Radionuclide Production Cross Section

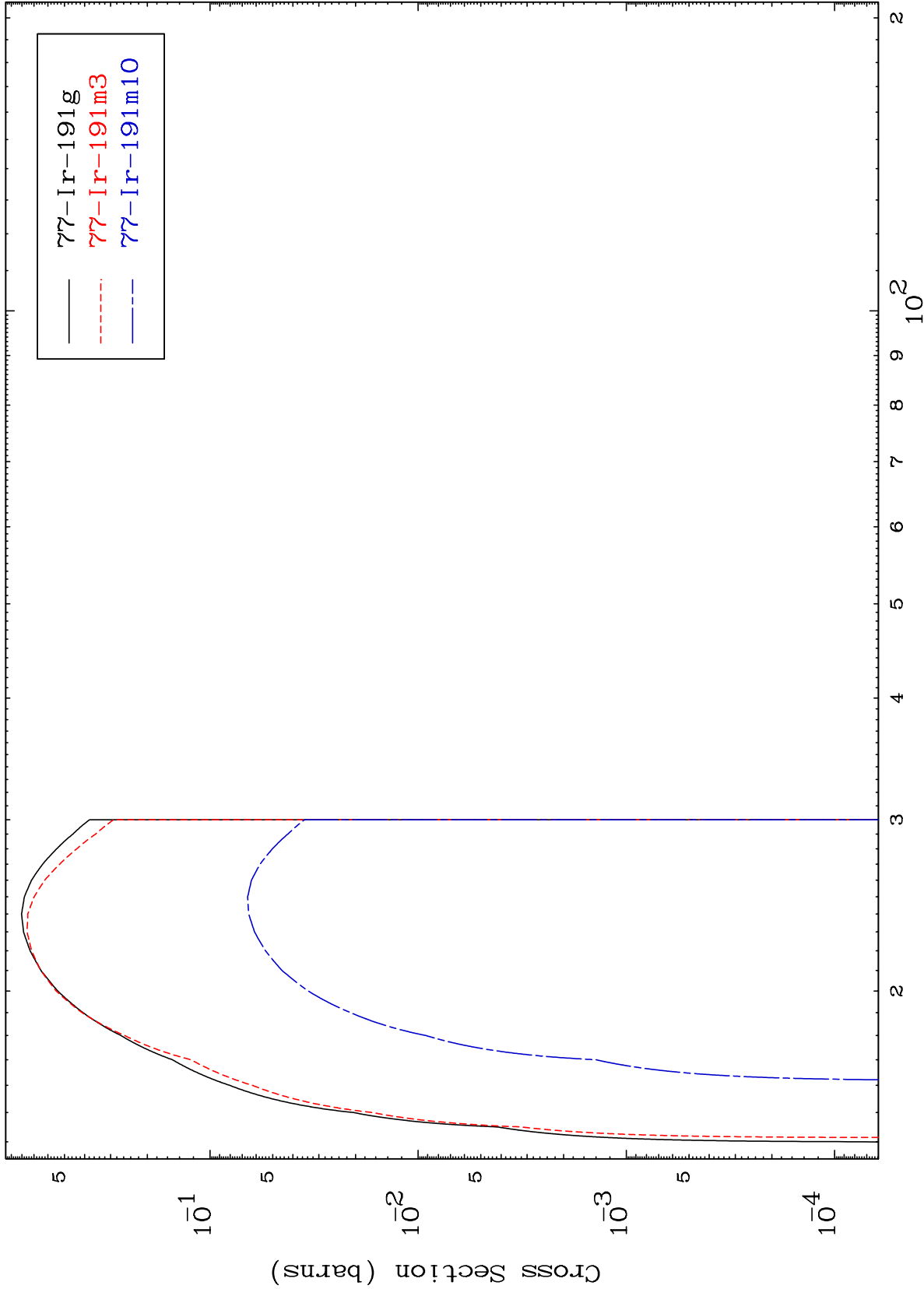


21

Incident Energy (MeV)

⁷⁷Ir-193

Radionuclide Production Cross Section

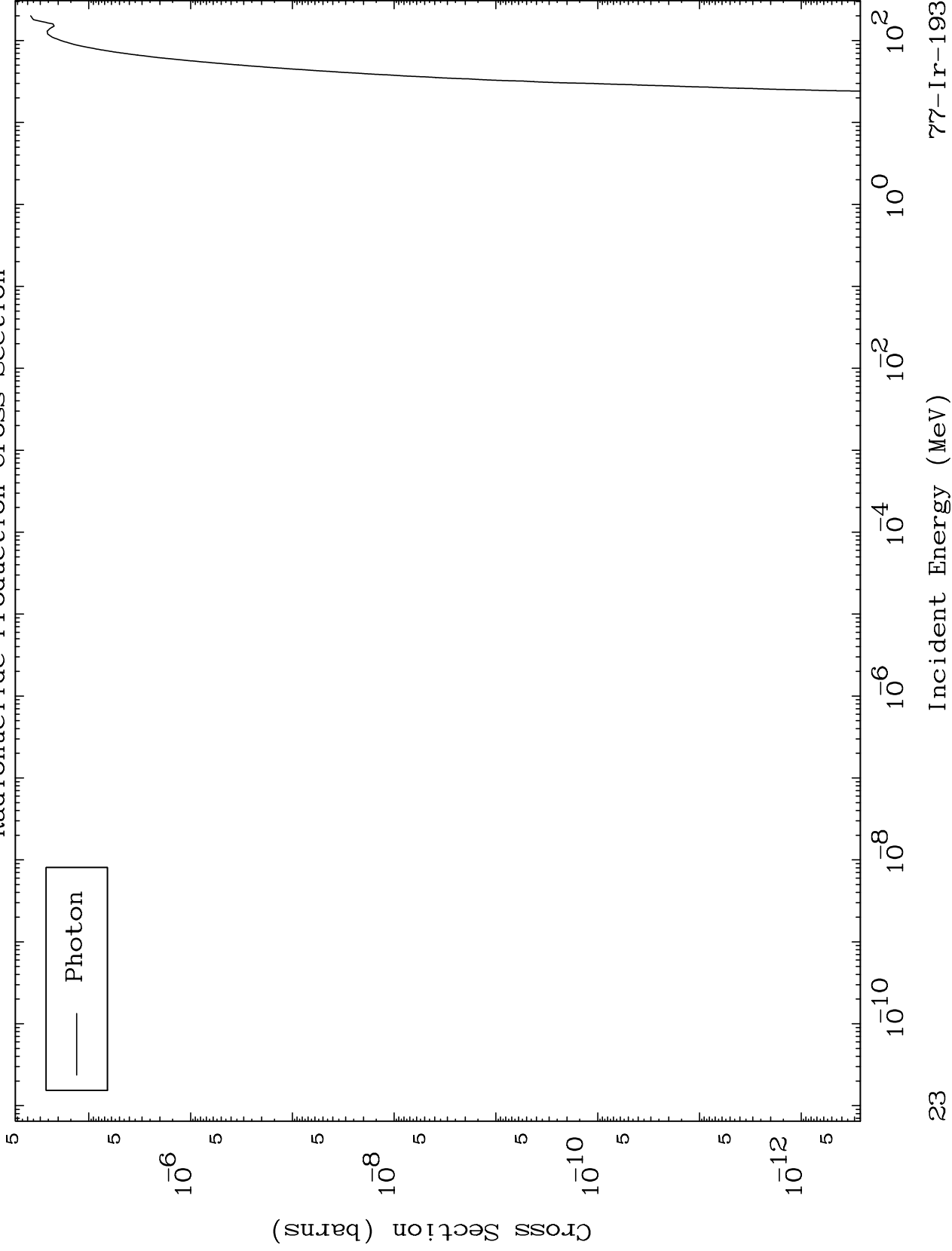


MAT 7732

Fission

⁷⁷Ir-193

Radionuclide Production Cross Section

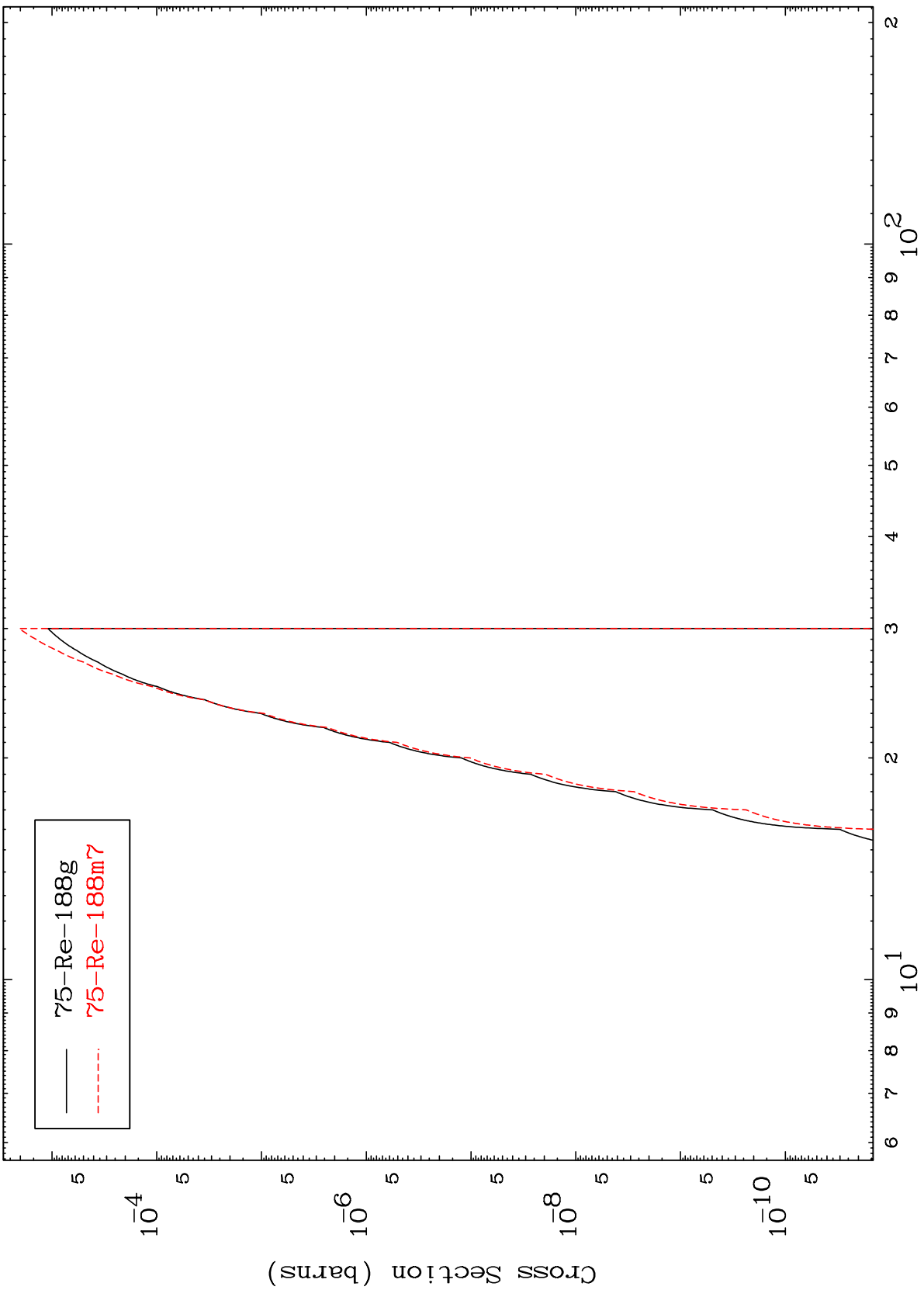


MAT 7732

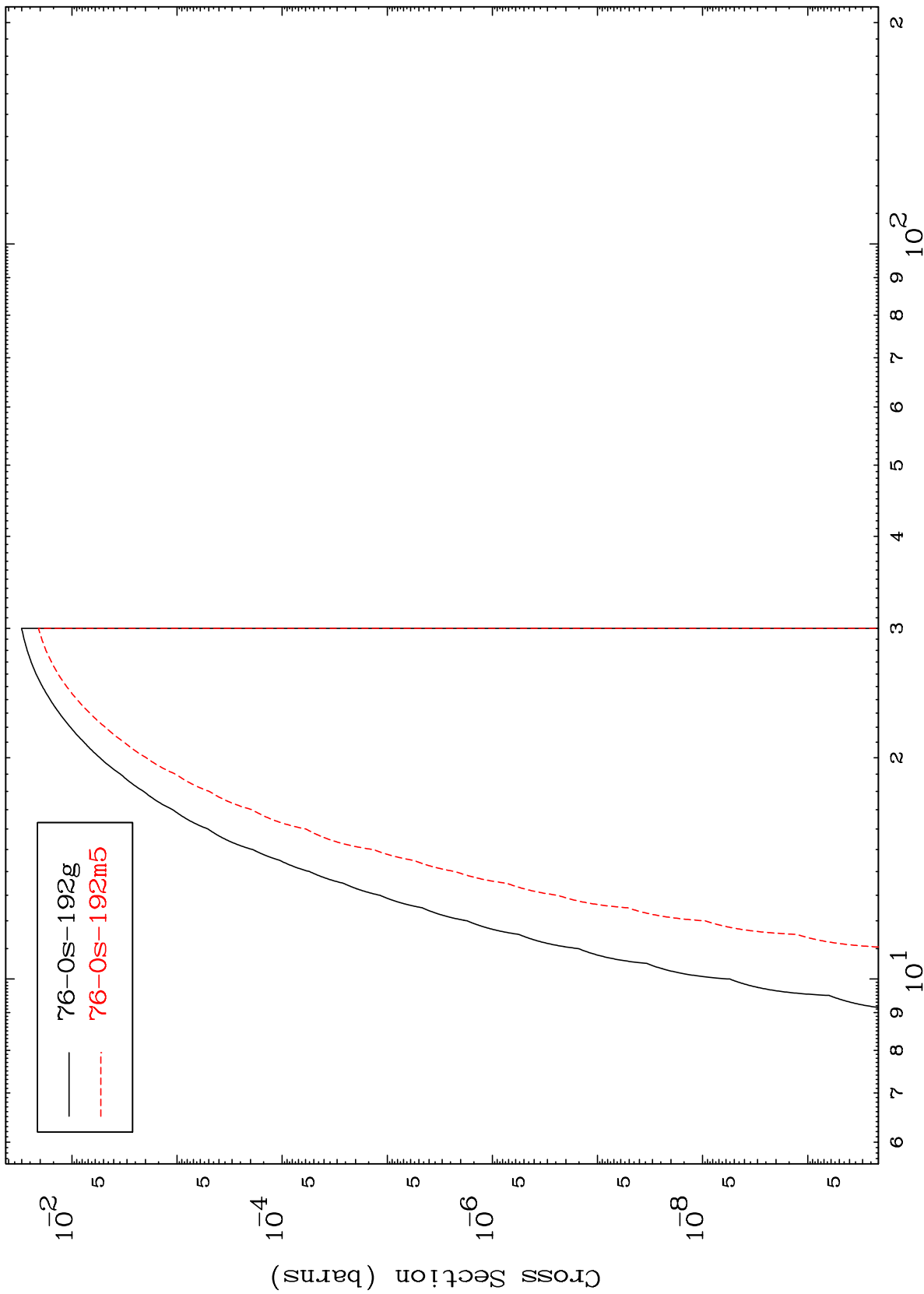
$^{77}\text{Ir-193}$ α

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

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

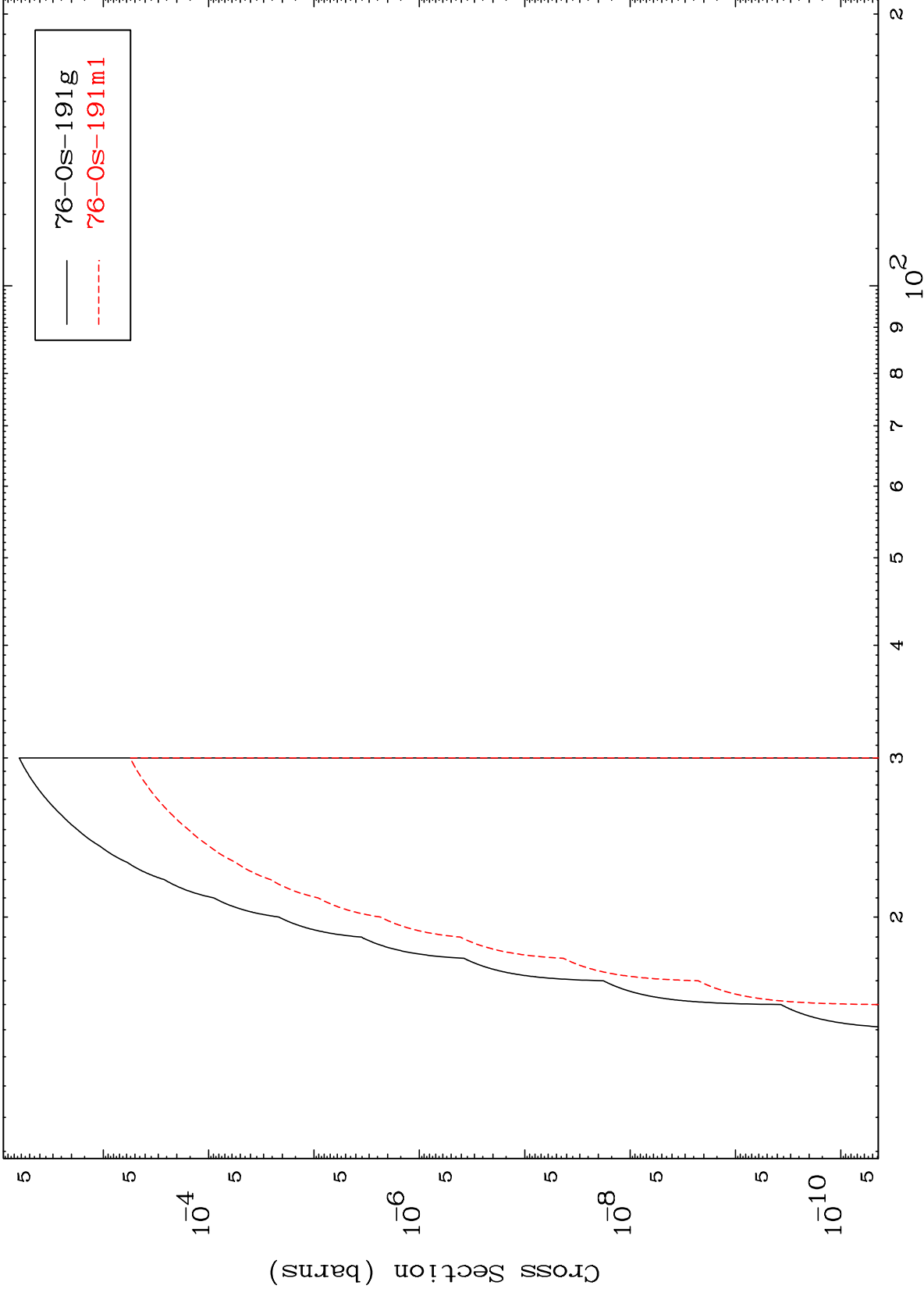


MAT 7732

(n,n') d

77-Ir-193

Radionuclide Production Cross Section



26

Incident Energy (MeV)

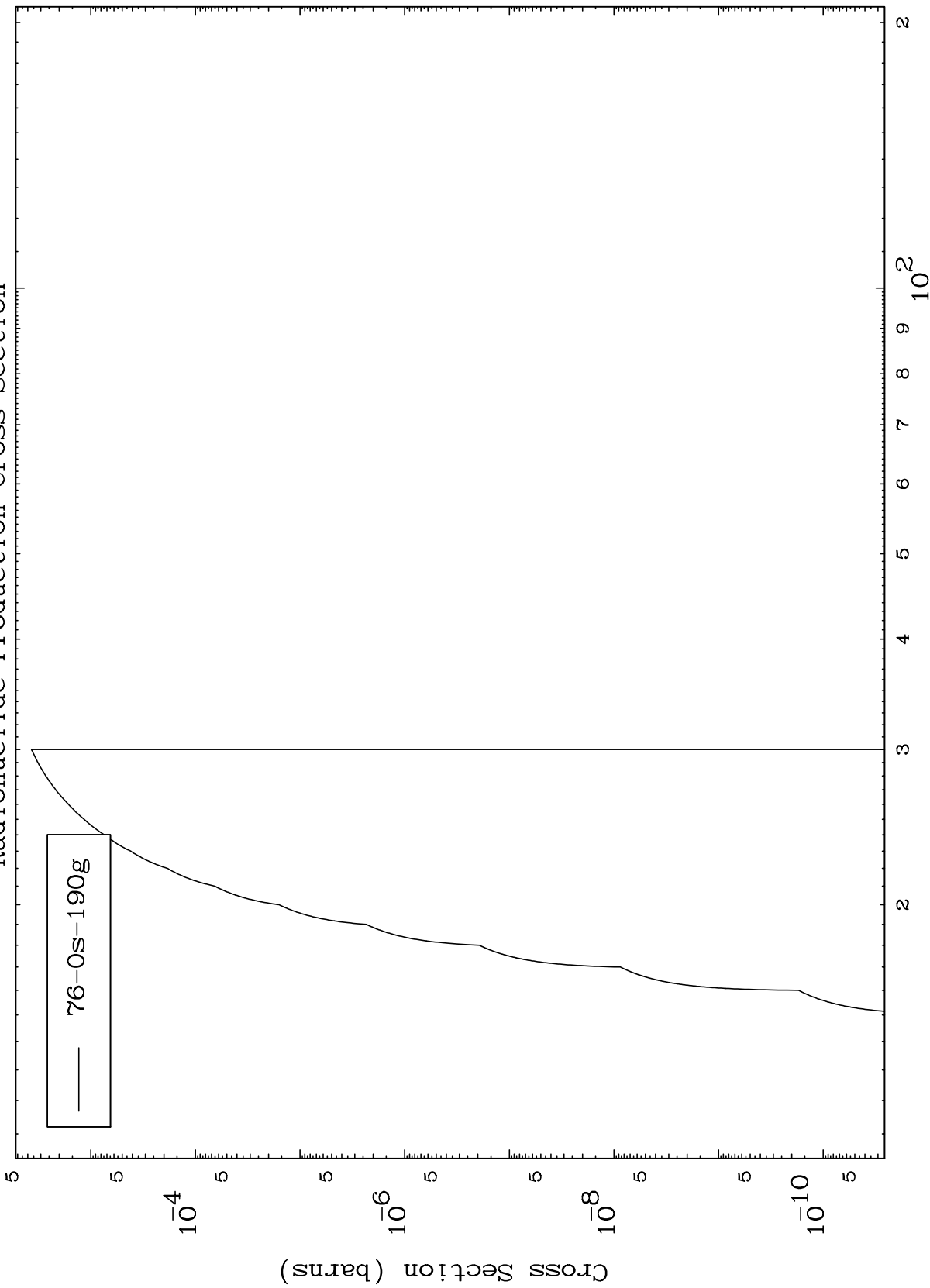
77-Ir-193

MAT 7732

(n,n') t

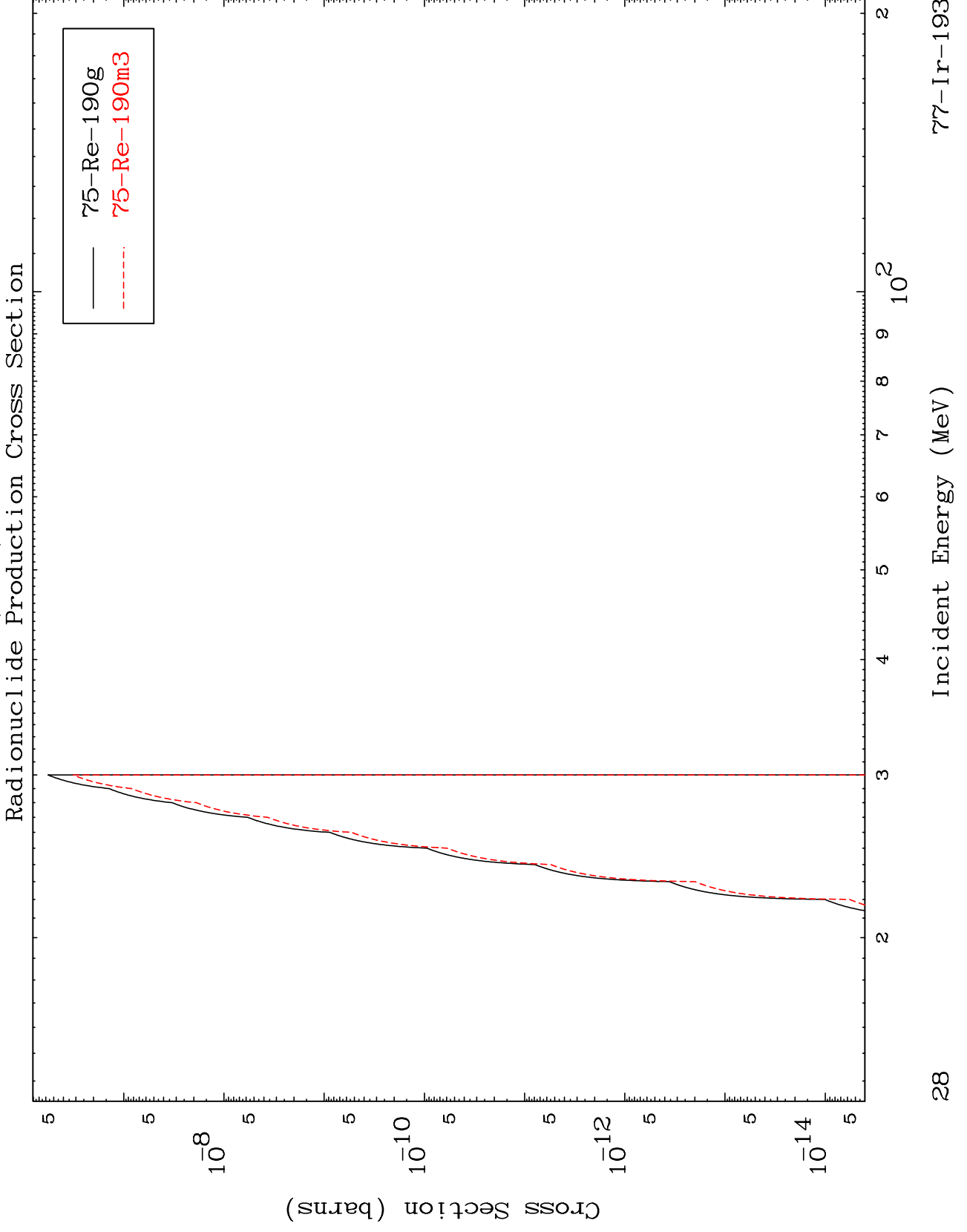
77-Ir-193

Radionuclide Production Cross Section

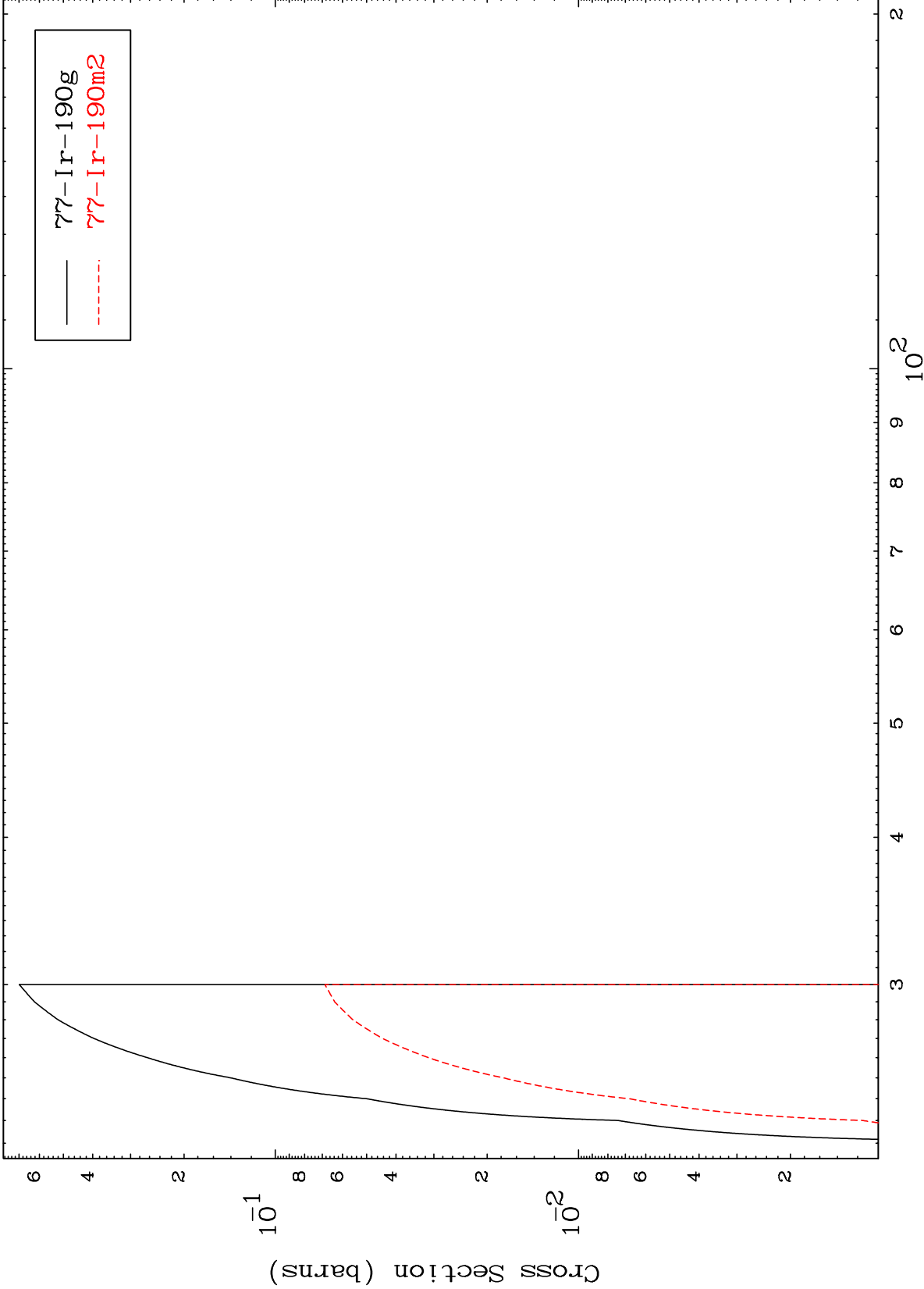


Incident Energy (MeV)

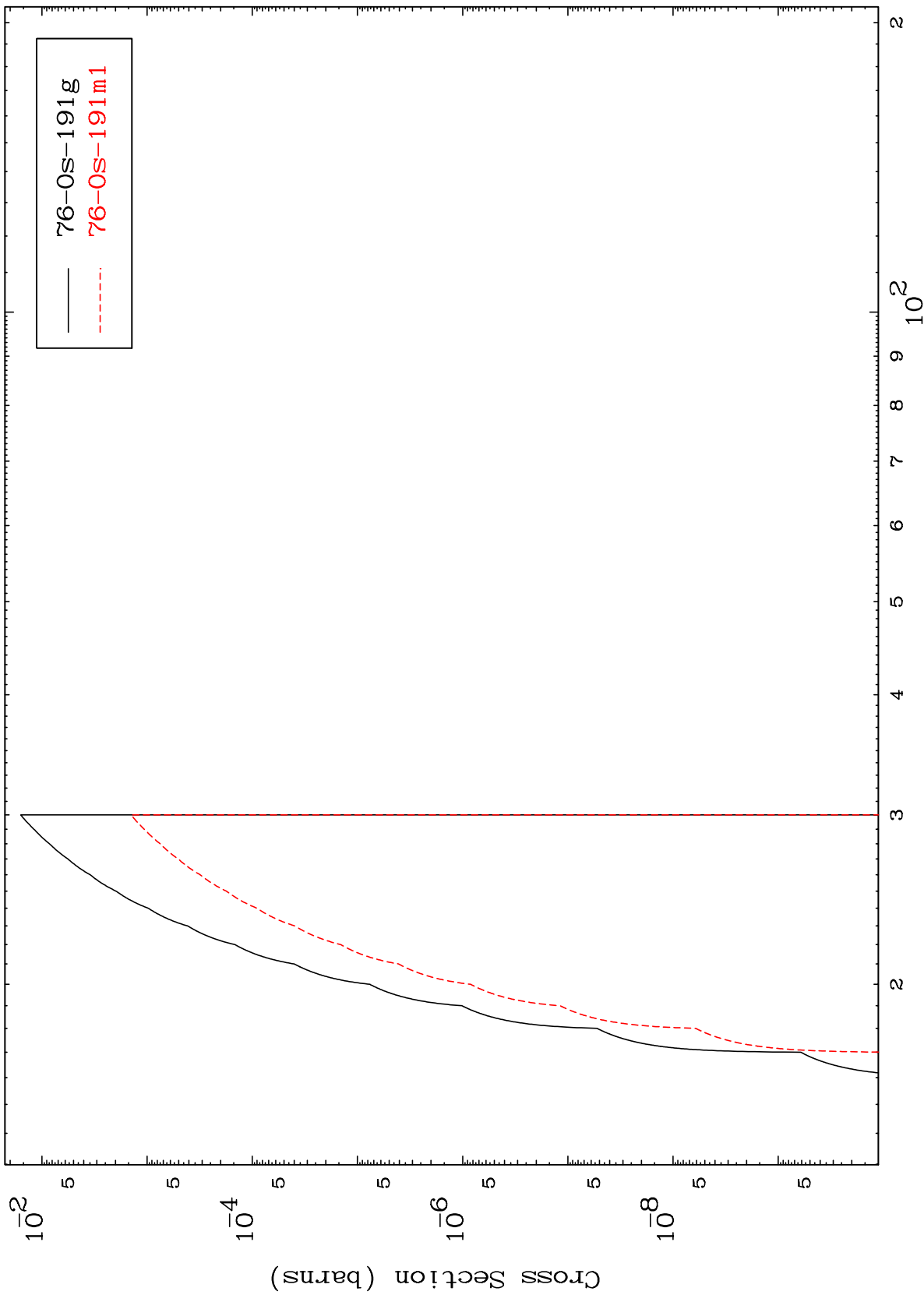
77-Ir-193



Radionuclide Production Cross Section



Radionuclide Production Cross Section



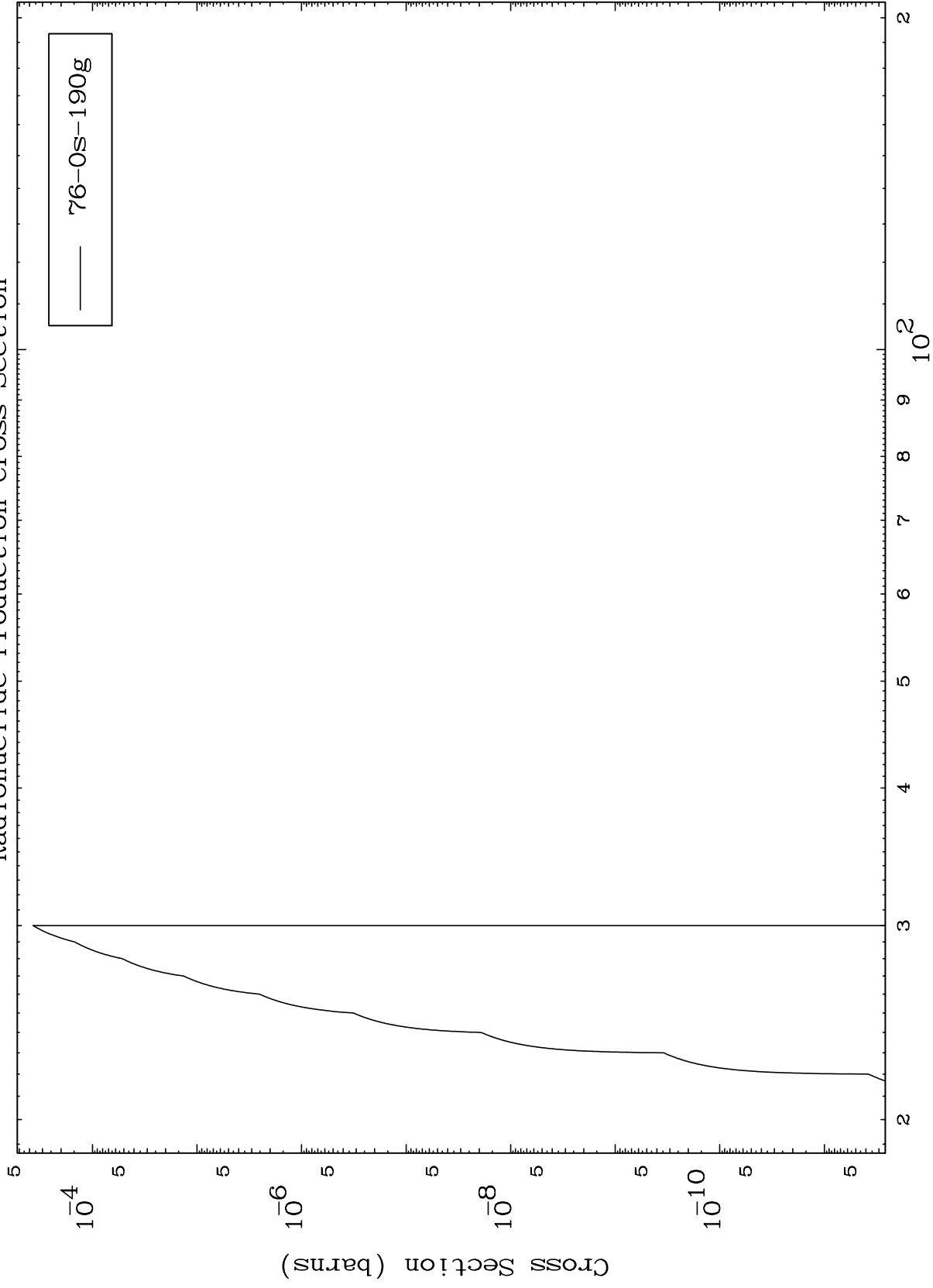
76-Os-191g
76-Os-191m1

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77-Ir-193

(n,3n) p

Radionuclide Production Cross Section



77-Ir-193

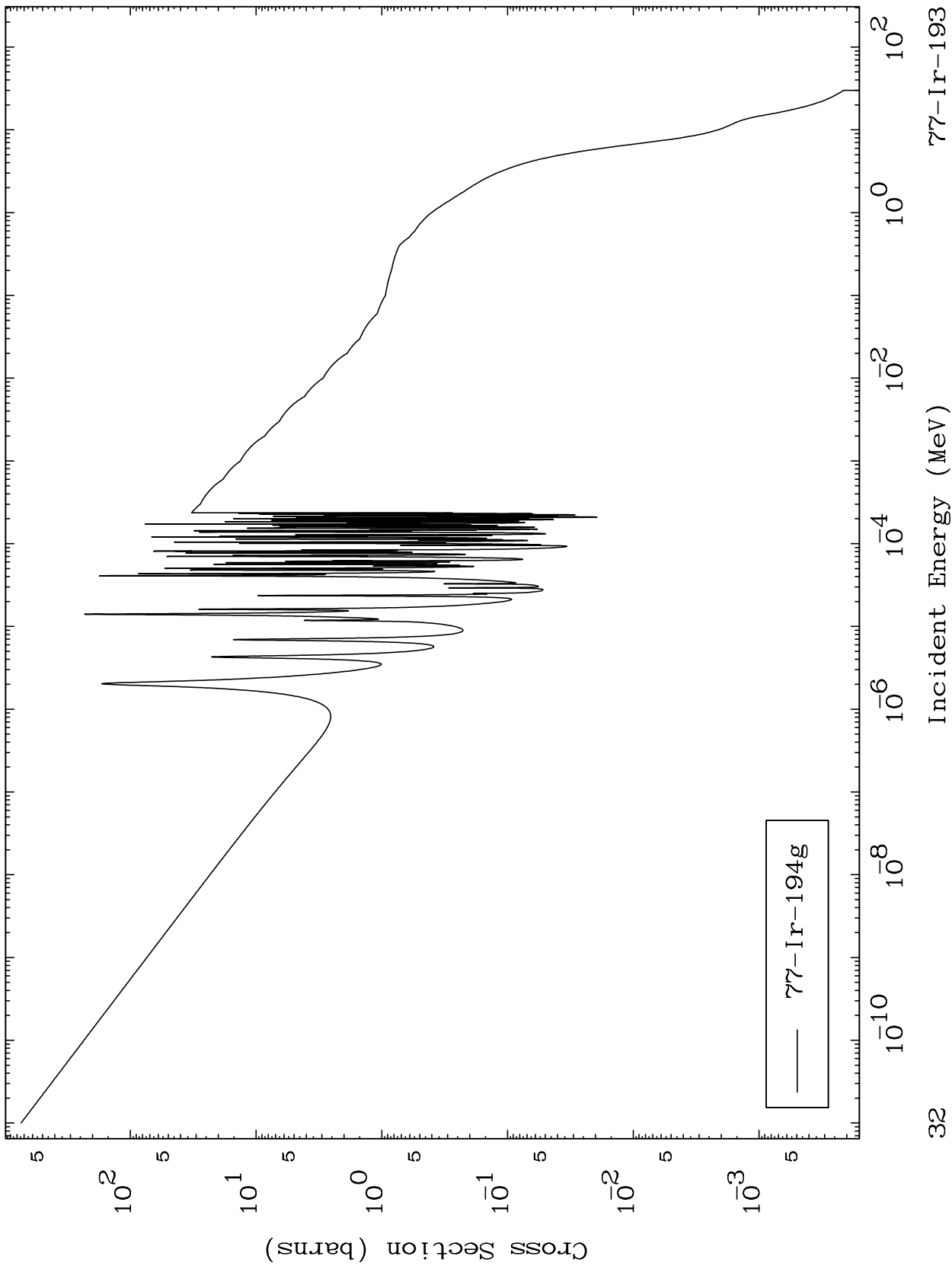
Incident Energy (MeV)

31

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77-Ir-193

(n, γ)
Radionuclide Production Cross Section



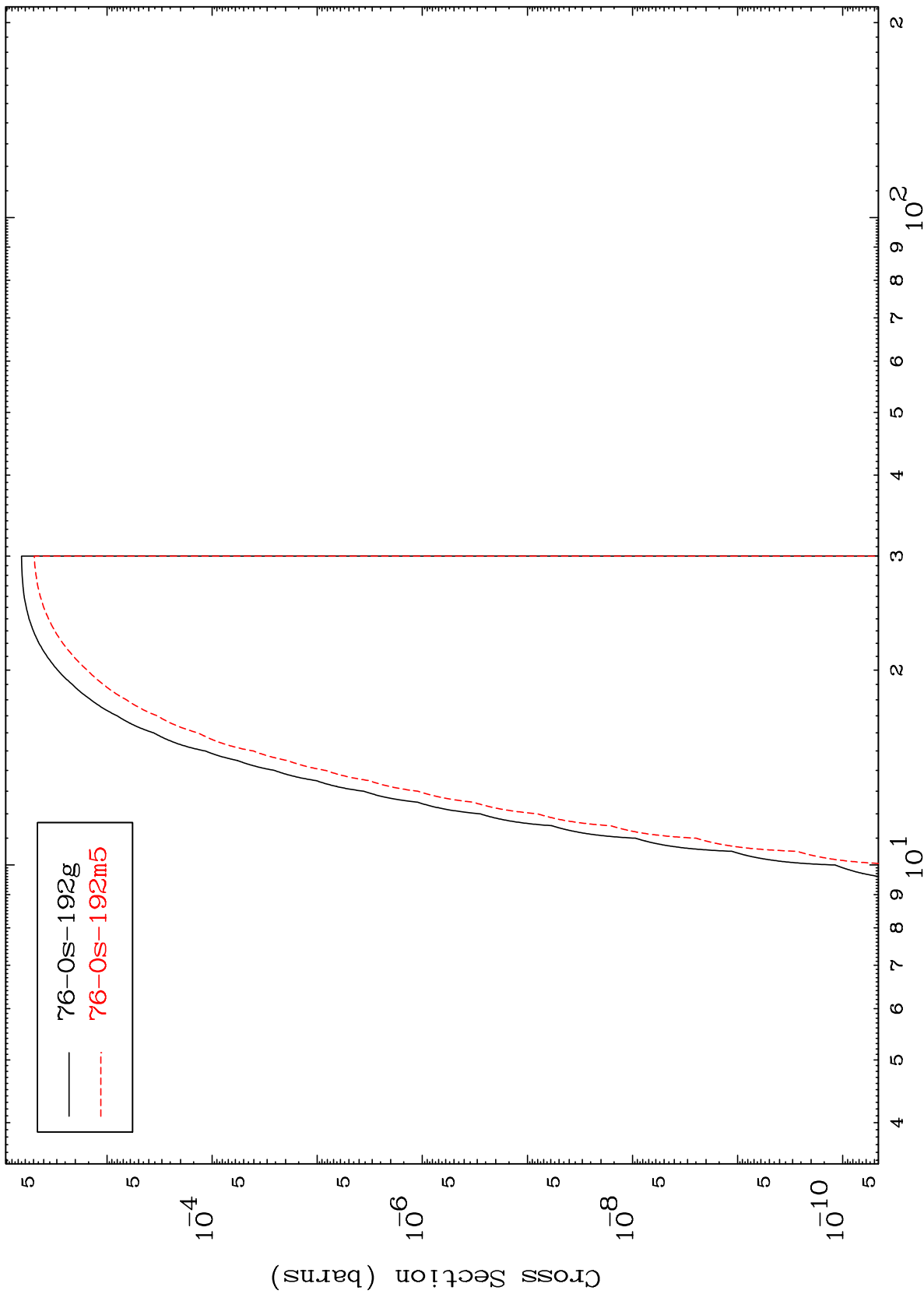
32

77-Ir-193

MAT 7732

77-Ir-193

(n,d)
Radionuclide Production Cross Section



— 76-0s-192g
- - - 76-0s-192m5

77-Ir-193

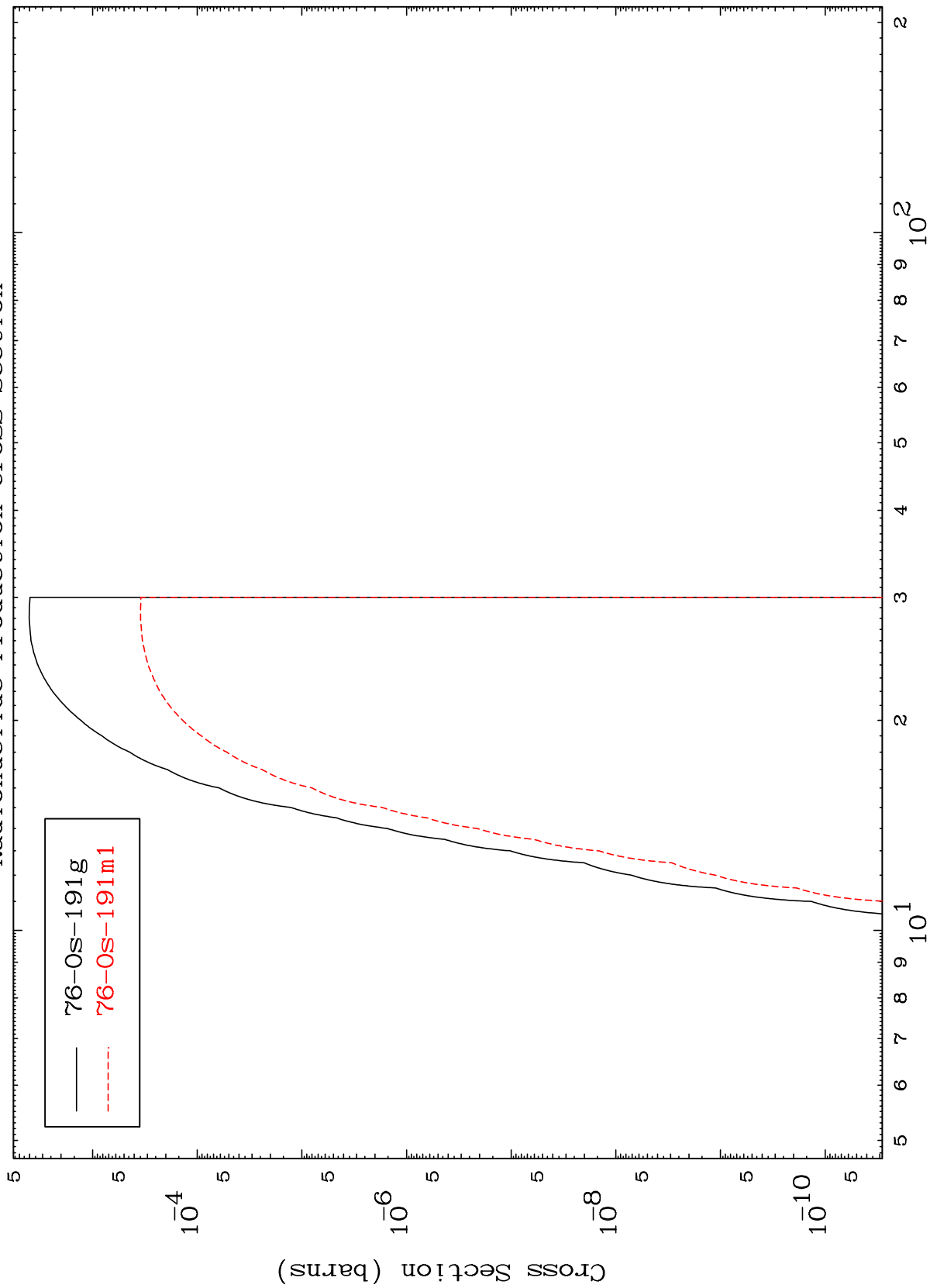
Incident Energy (MeV)

33

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77-Ir-193

Radionuclide Production Cross Section (n,t)



77-Ir-193

Incident Energy (MeV)

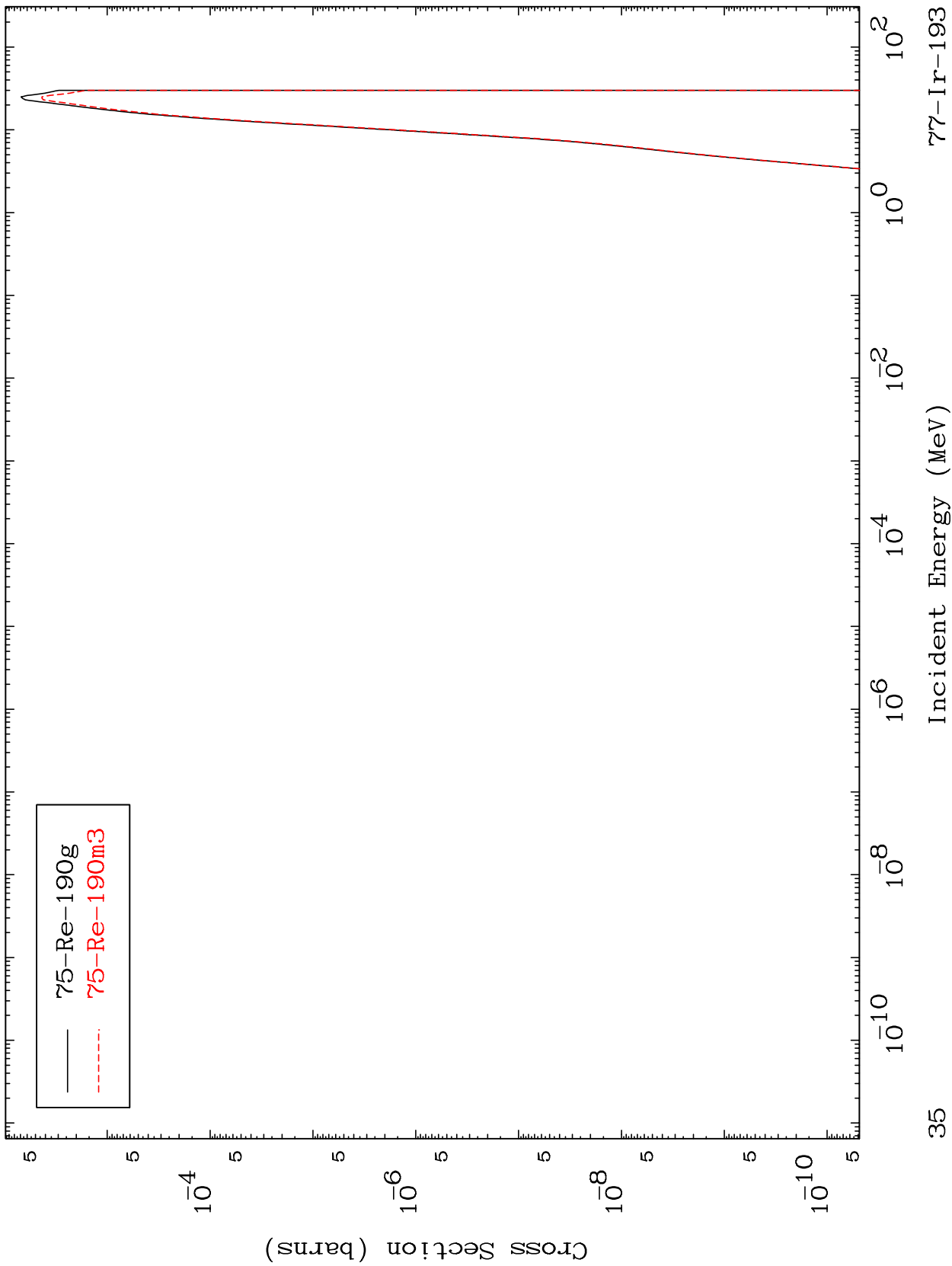
34

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(n, α)

⁷⁷Ir-193

Radionuclide Production Cross Section

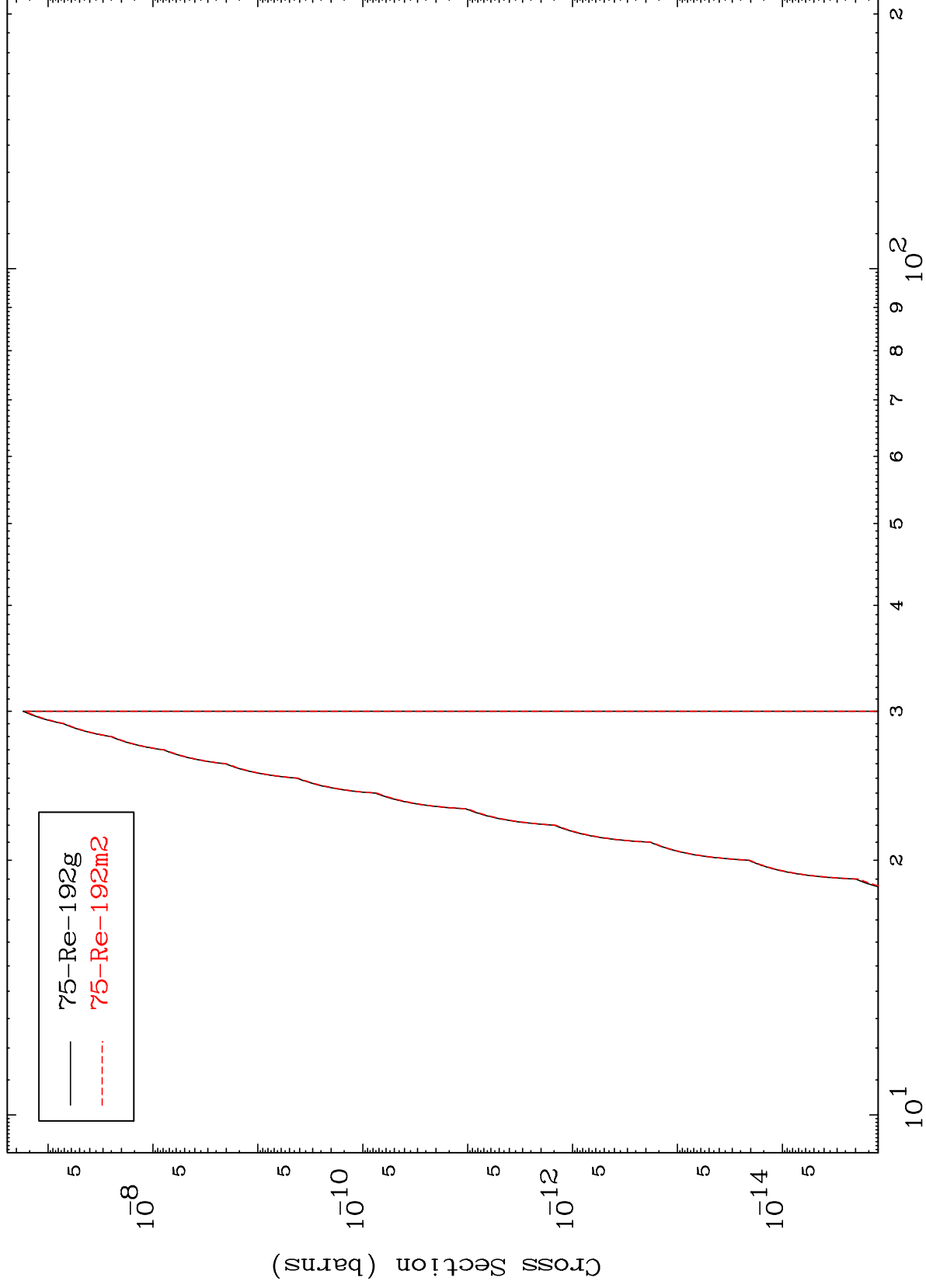


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(n,2p)

⁷⁷Ir-193

Radionuclide Production Cross Section



36

Incident Energy (MeV)

⁷⁷Ir-193