

Program EVALPLOT
(Version 2021-1)

by

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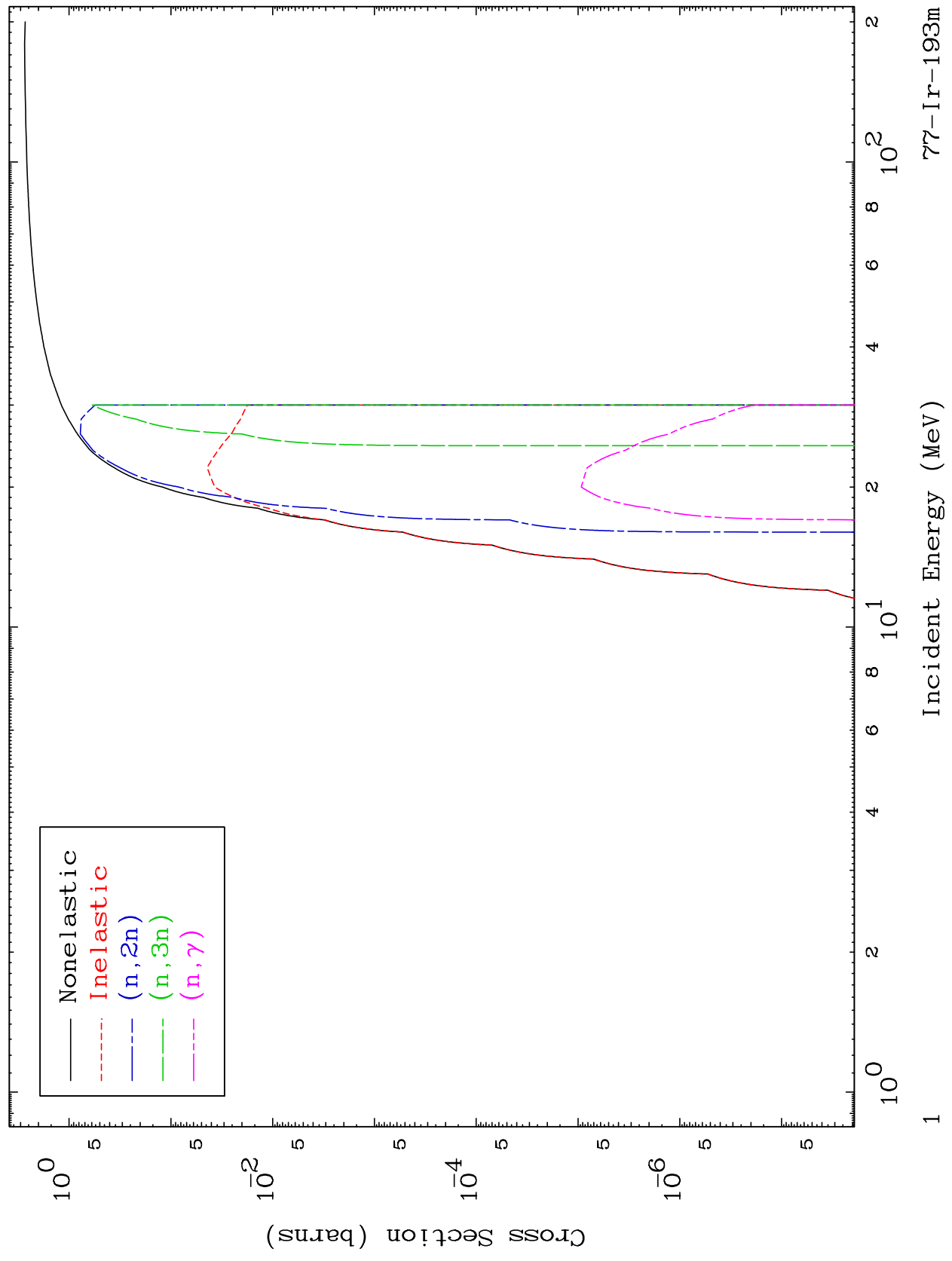
Press Mouse Button to Start

MAT 7732

0 Kelvin

α Major Cross Sections

77-Ir-193m



Legend:
— Nonelastic
- - - Inelastic
- - - (n,2n)
- - - (n,3n)
- - - (n, γ)

77-Ir-193m

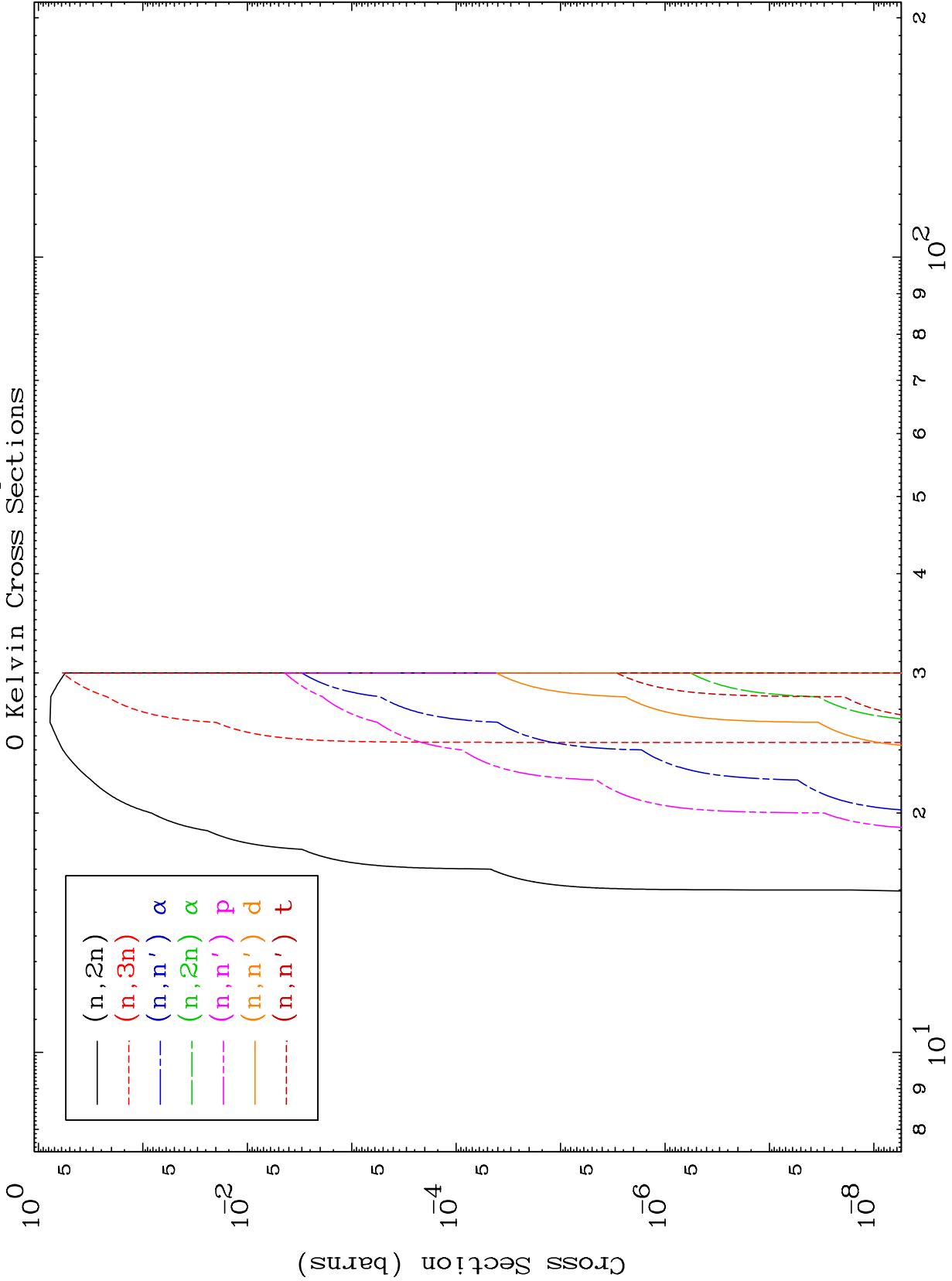
Incident Energy (MeV)

1

MAT 7732

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-193m



77-Ir-193m

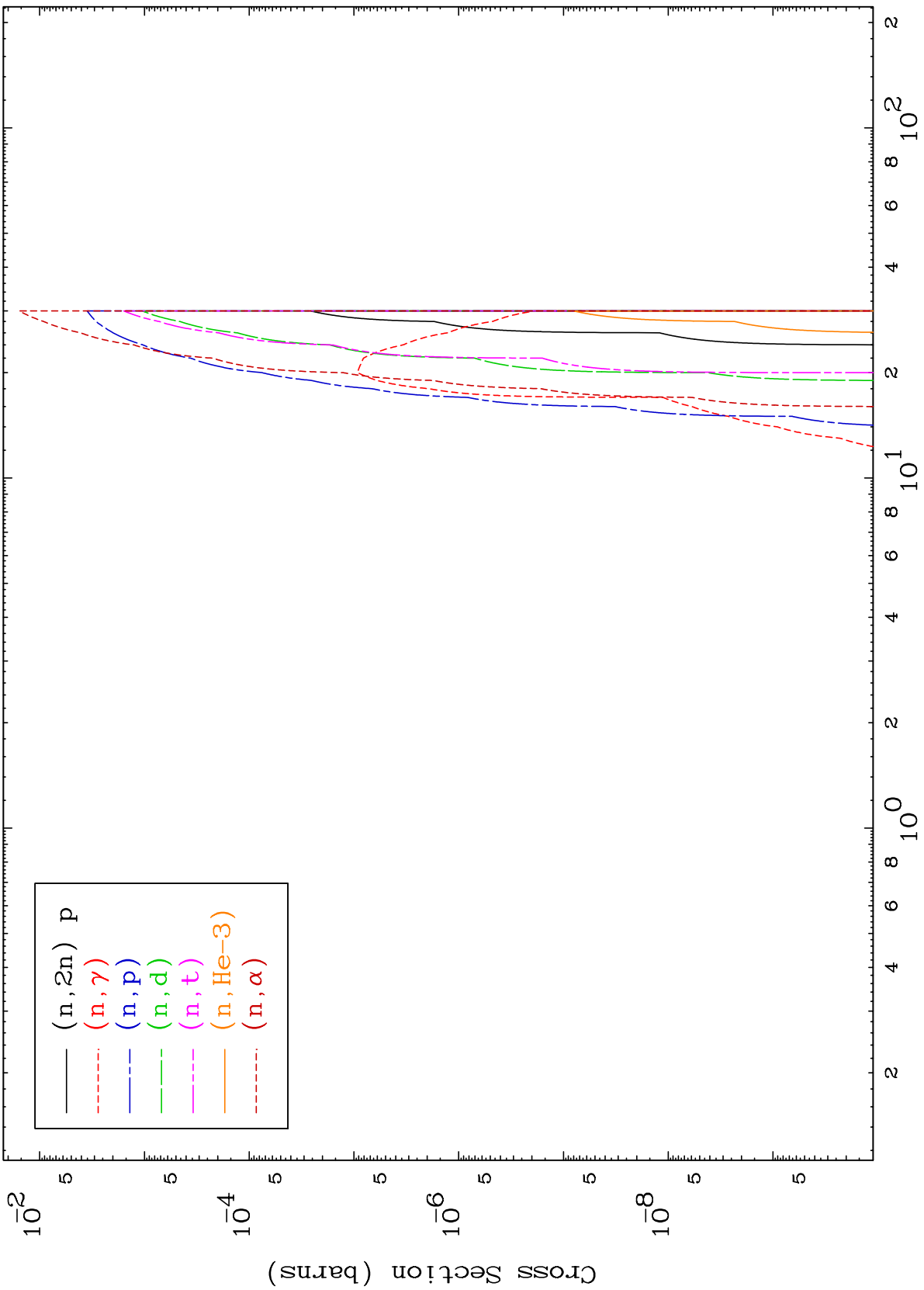
Incident Energy (MeV)

2

MAT 7732

α Neutron Absorption
0 Kelvin Cross Sections

77-Ir-193m



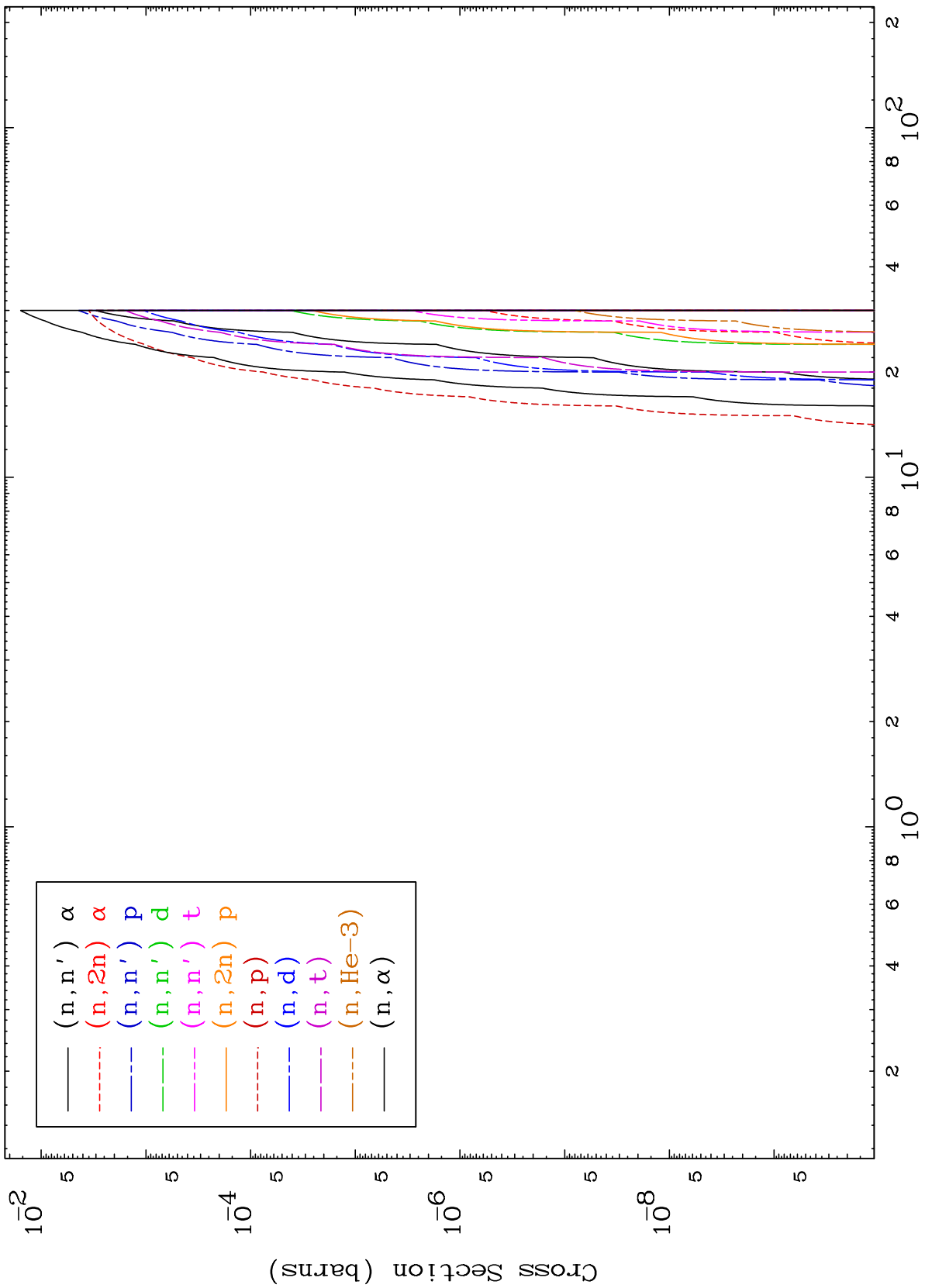
77-Ir-193m

Incident Energy (MeV)

MAT 7732

α Charged Particle
0 Kelvin Cross Sections

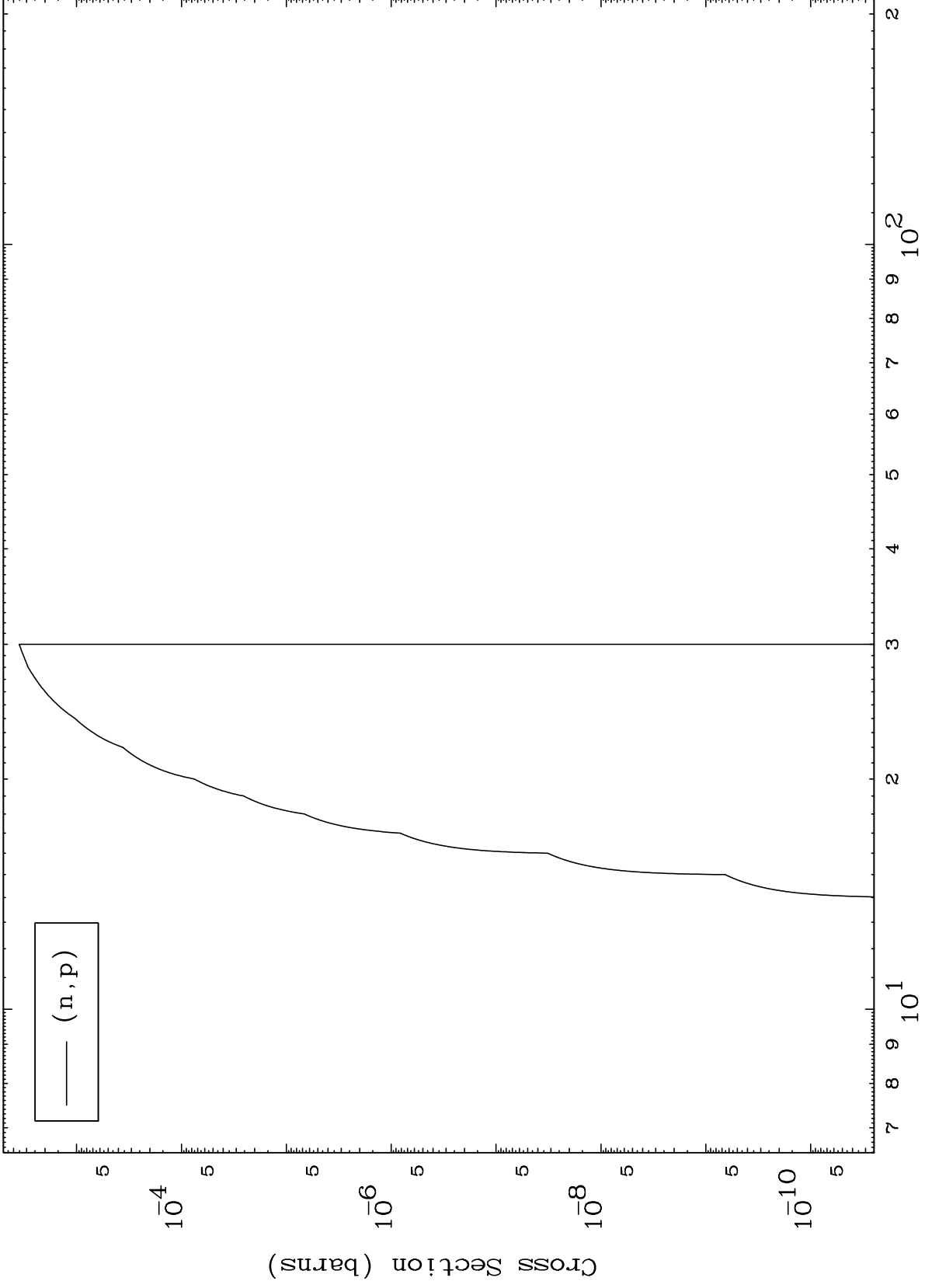
77-Ir-193m



MAT 7732

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-193m



5

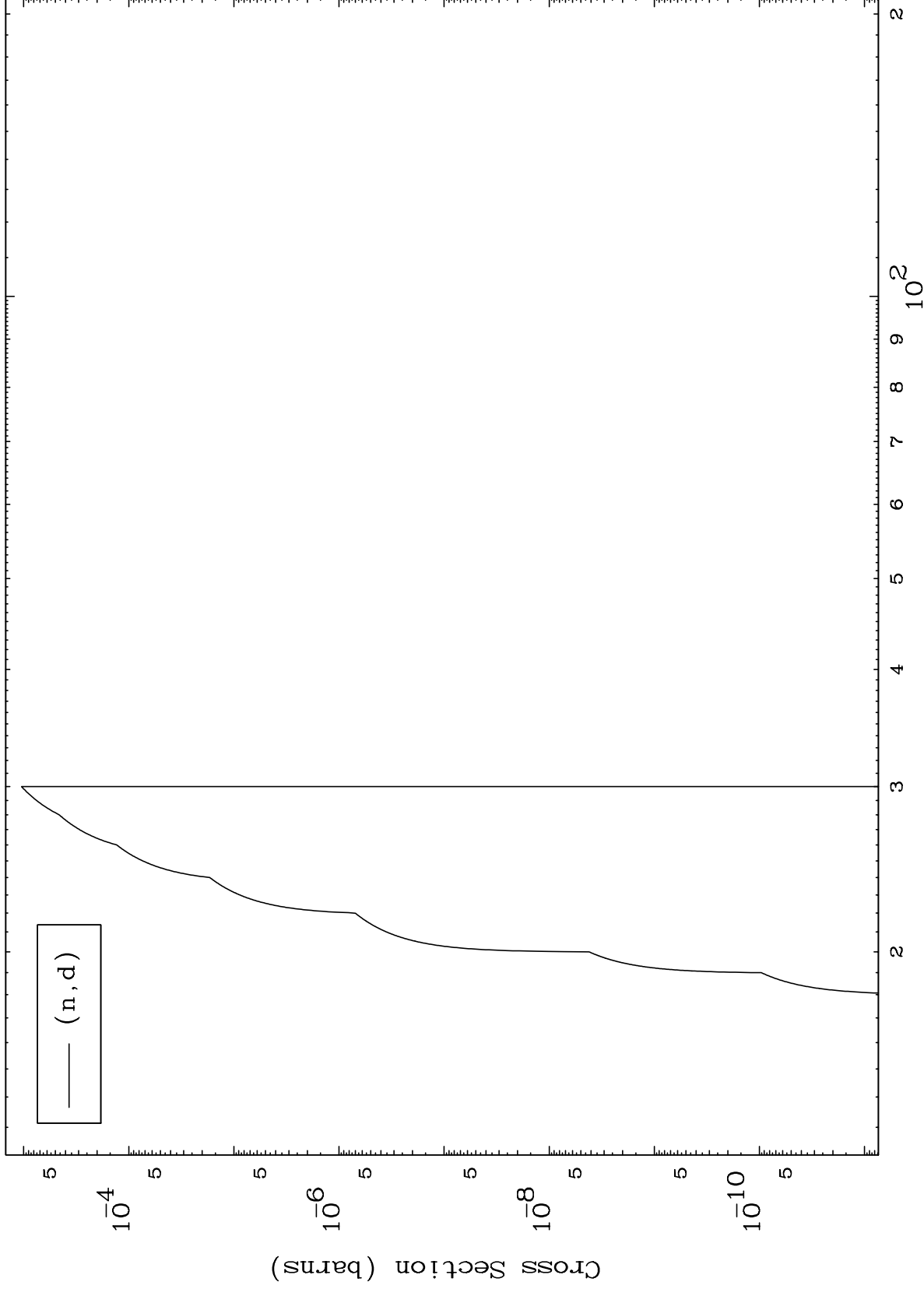
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(α, d) Levels
0 Kelvin Cross Sections

77-Ir-193m



6

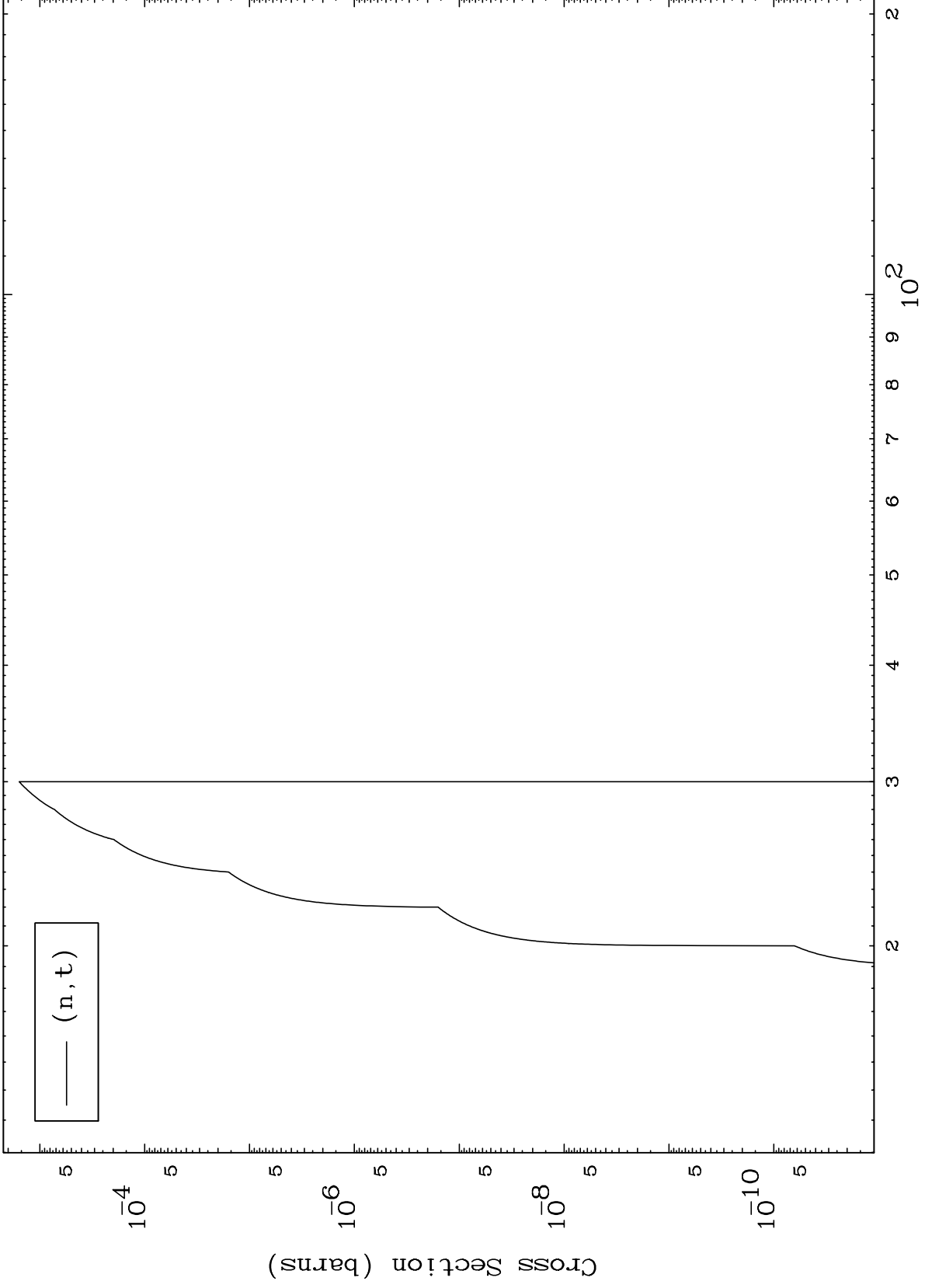
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-193m



7

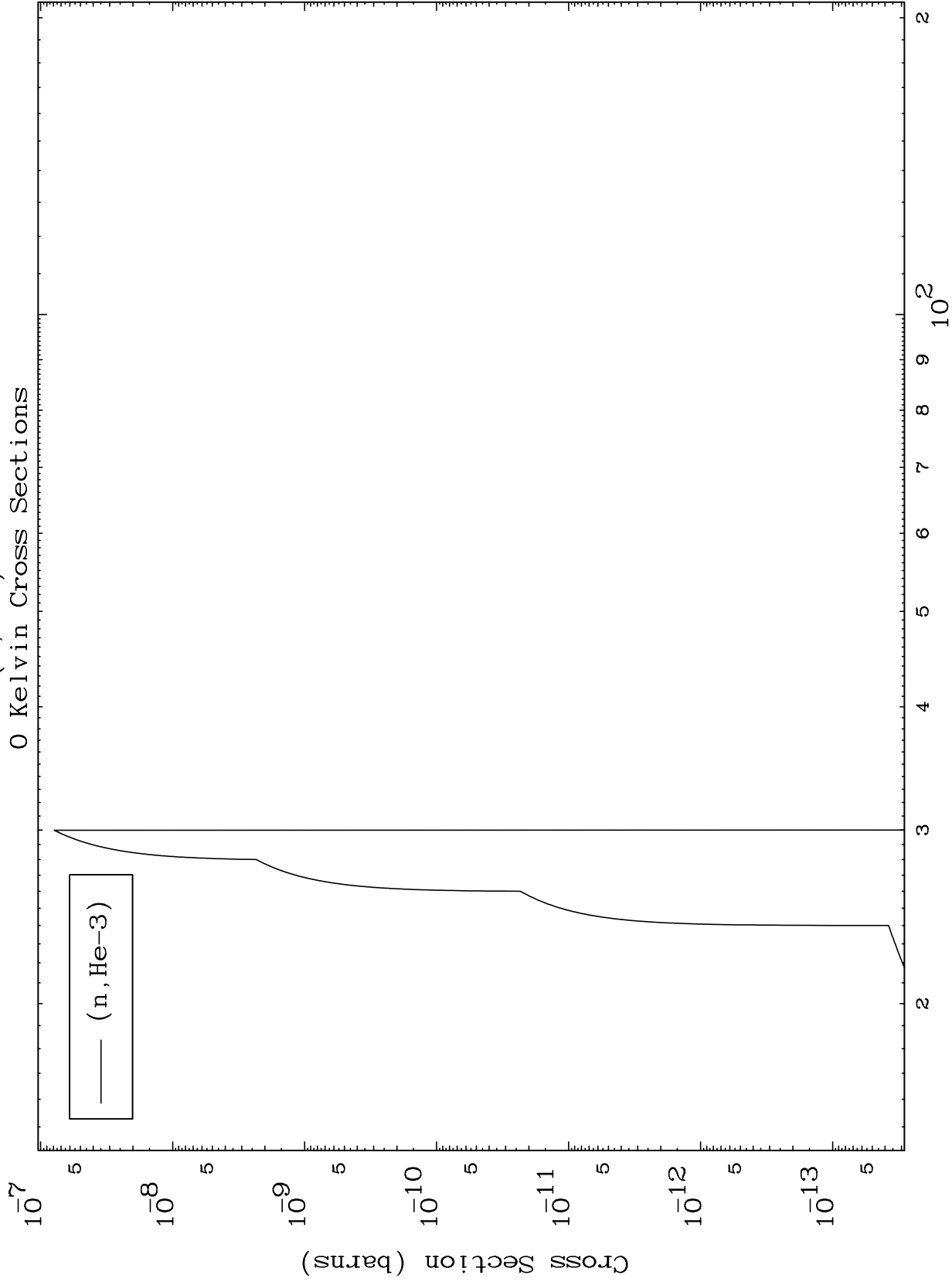
Incident Energy (MeV)

77-Ir-193m

MAT 7732

(α , He3) Levels
0 Kelvin Cross Sections

77-Ir-193m

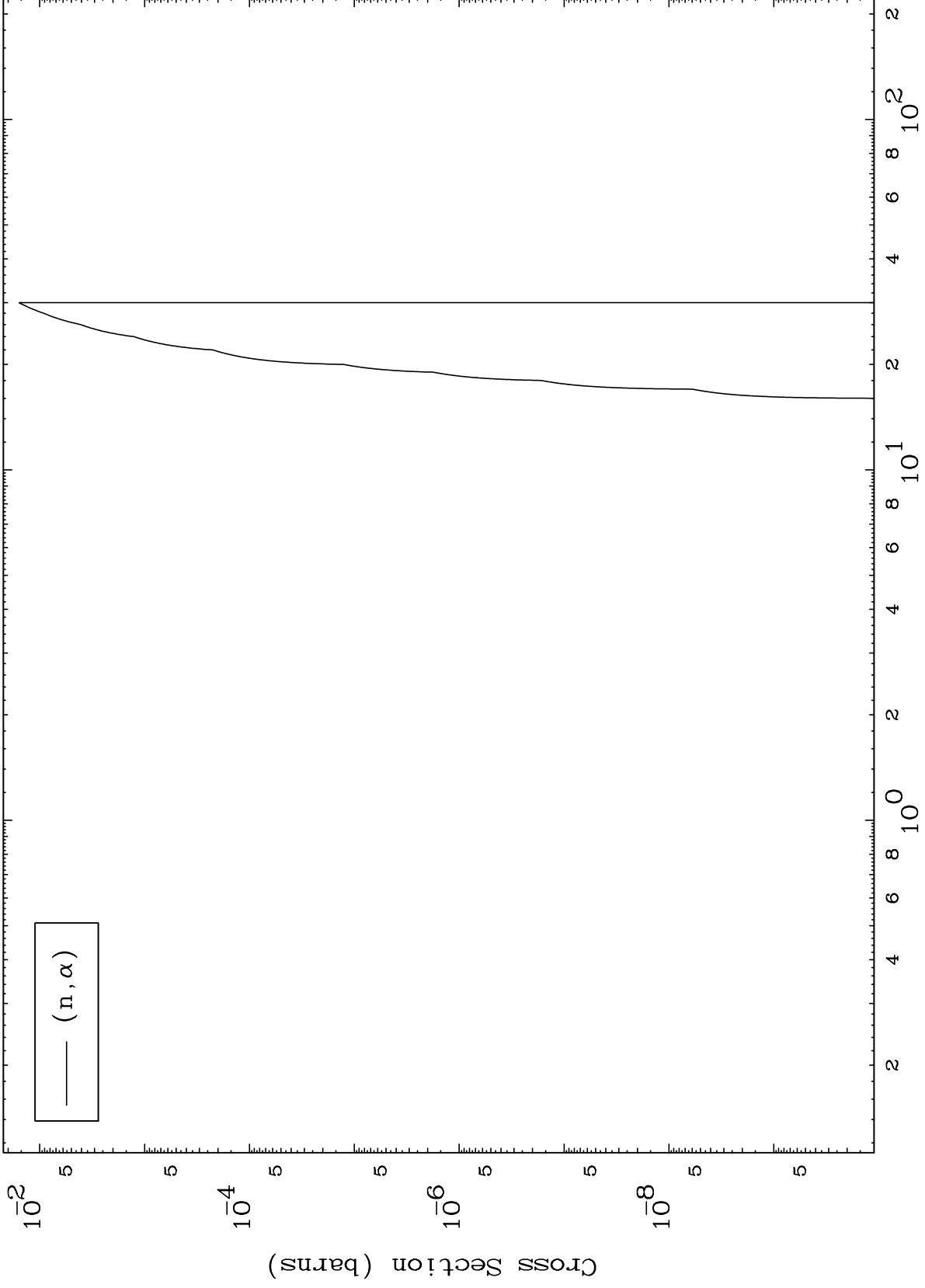


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(α, α) Levels

77-Ir-193m

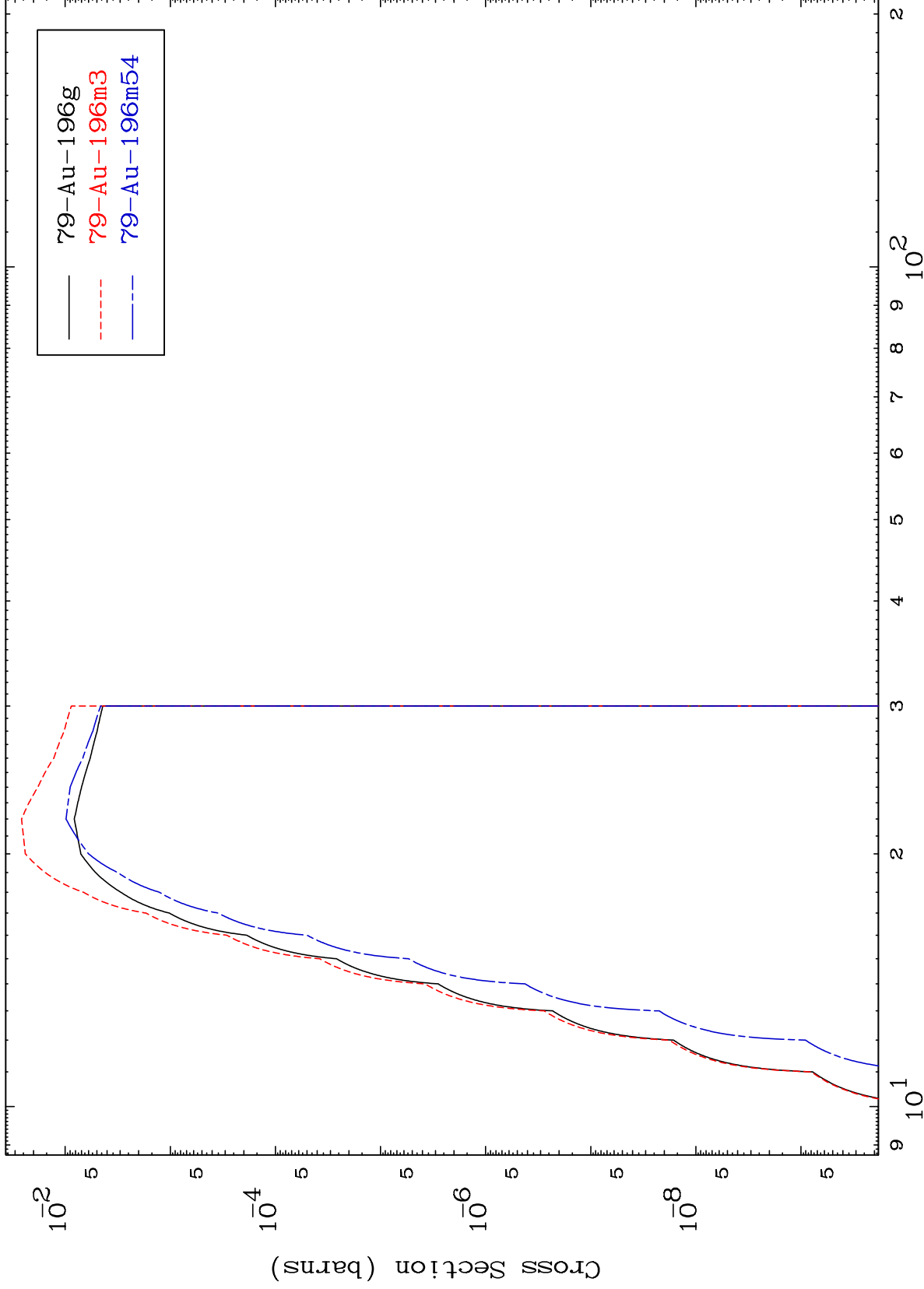
0 Kelvin Cross Sections



MAT 7732

Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-193m



Incident Energy (MeV)

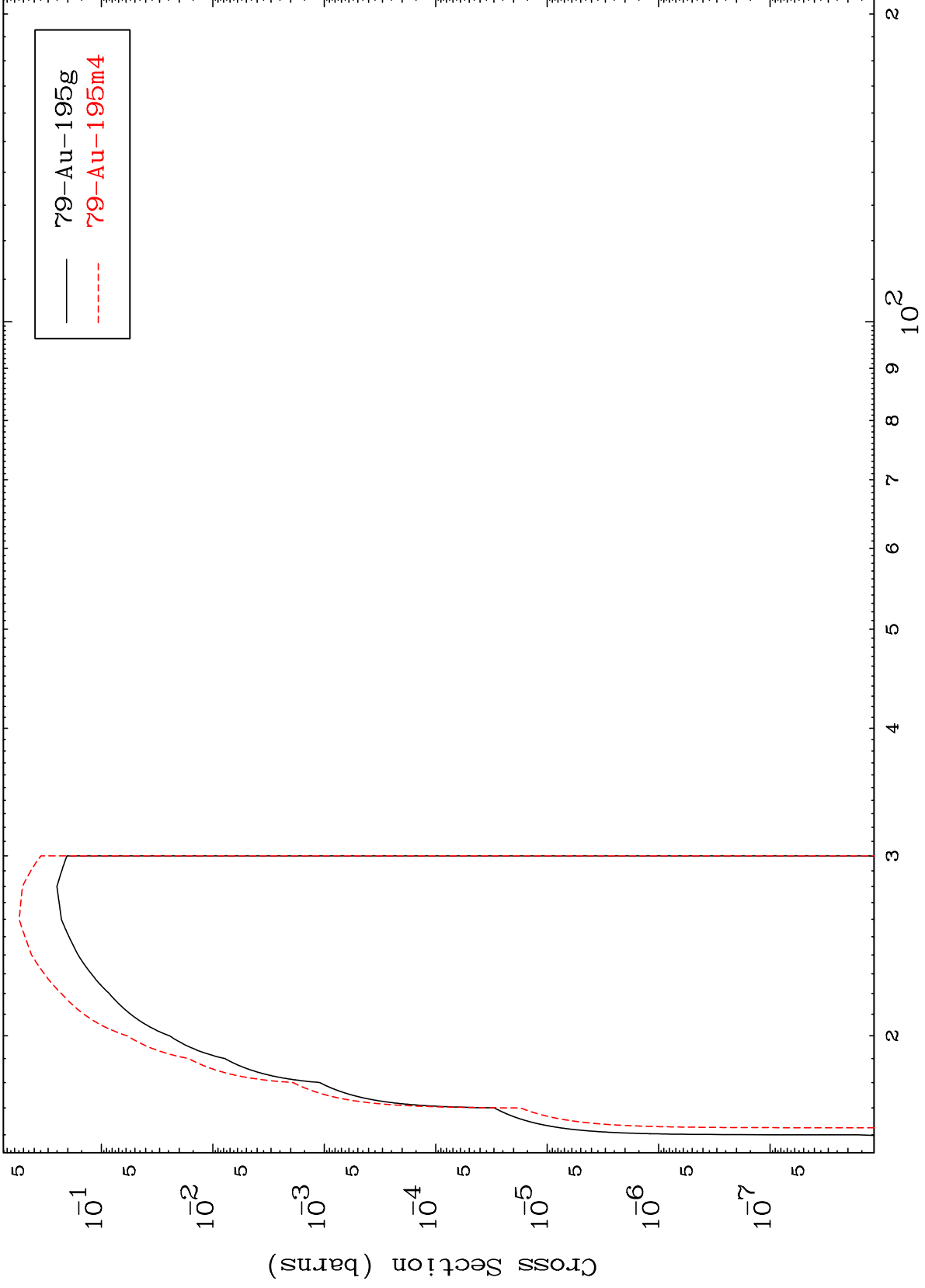
⁷⁷Ir-193m

MAT 7732

(n,2n)

⁷⁷Ir-193m

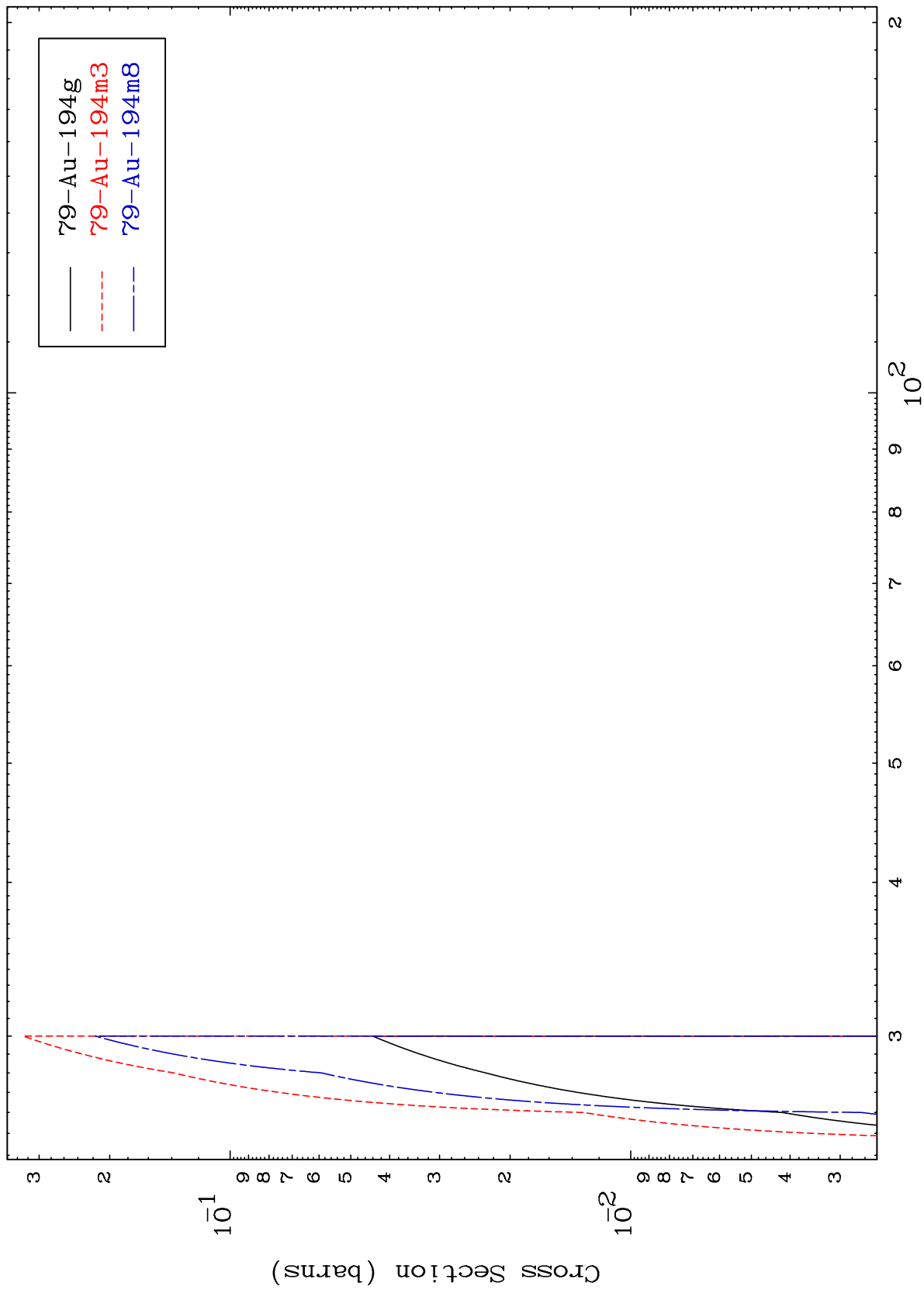
Radionuclide Production Cross Section



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77-Ir-193m

(n,3n)
Radionuclide Production Cross Section



77-Ir-193m

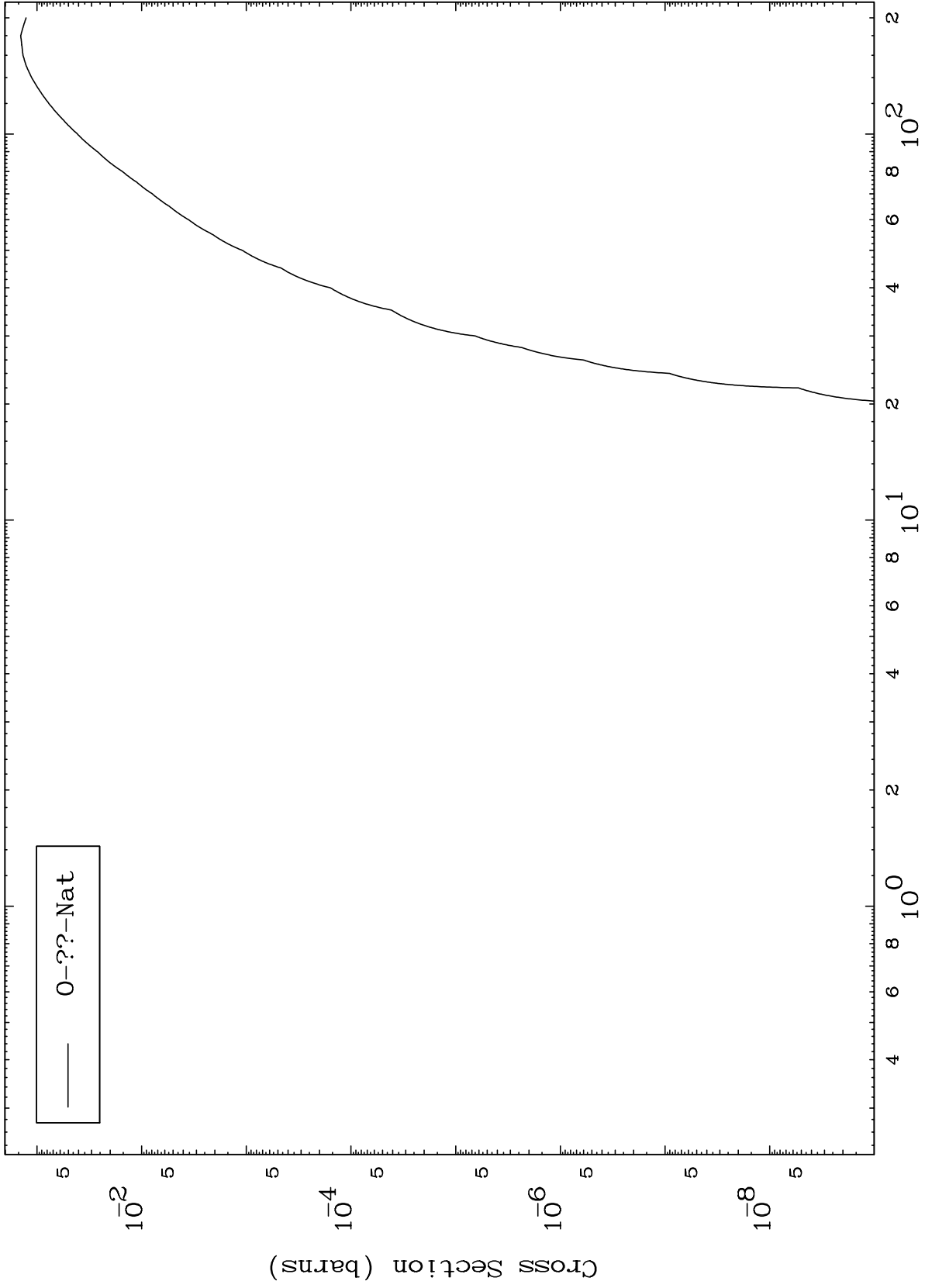
Incident Energy (MeV)

12

MAT 7732

Fission
Radionuclide Production Cross Section

⁷⁷Ir-193m



13

Incident Energy (MeV)

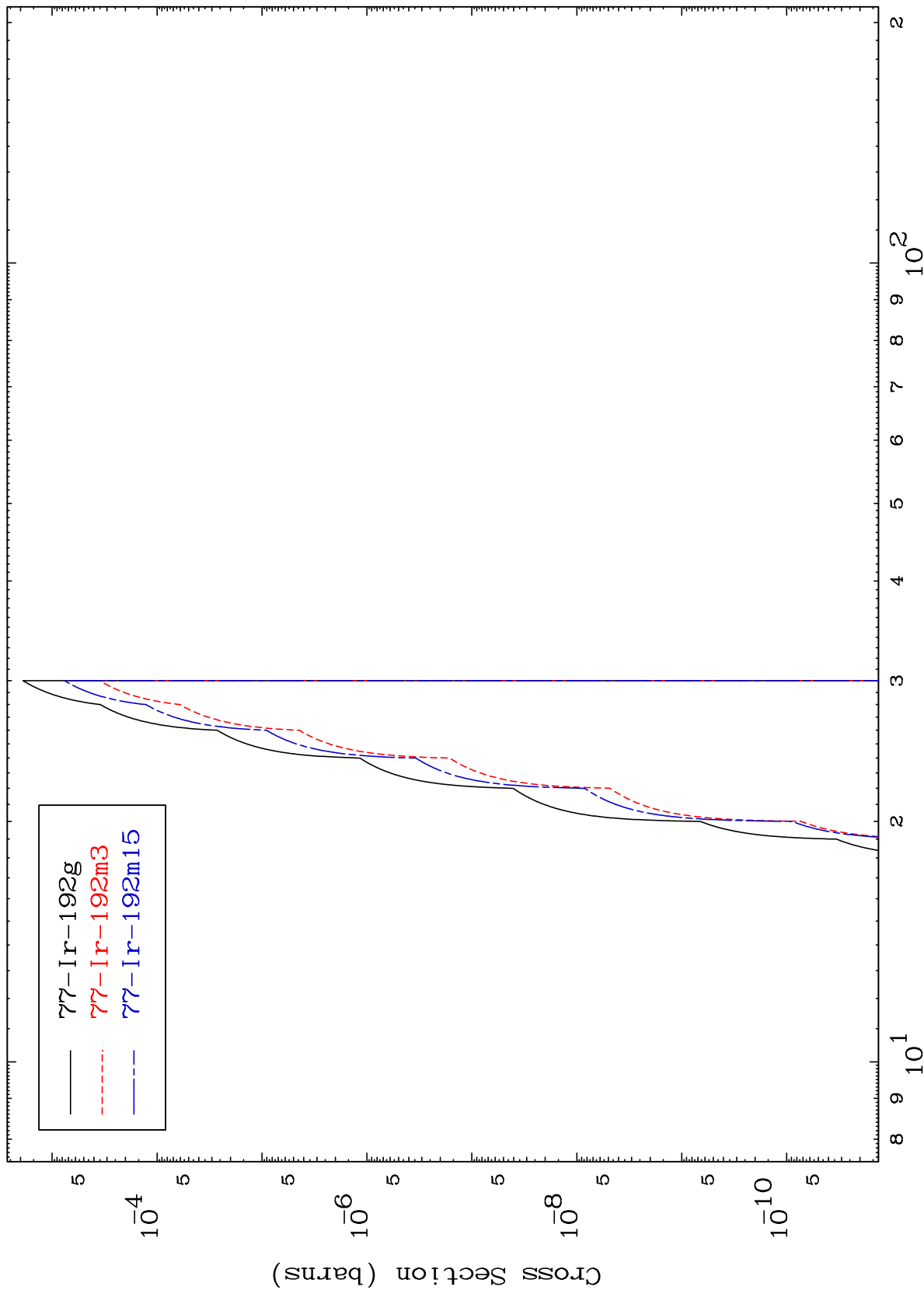
⁷⁷Ir-193m

MAT 7732

(n,n') α

⁷⁷Ir-193m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

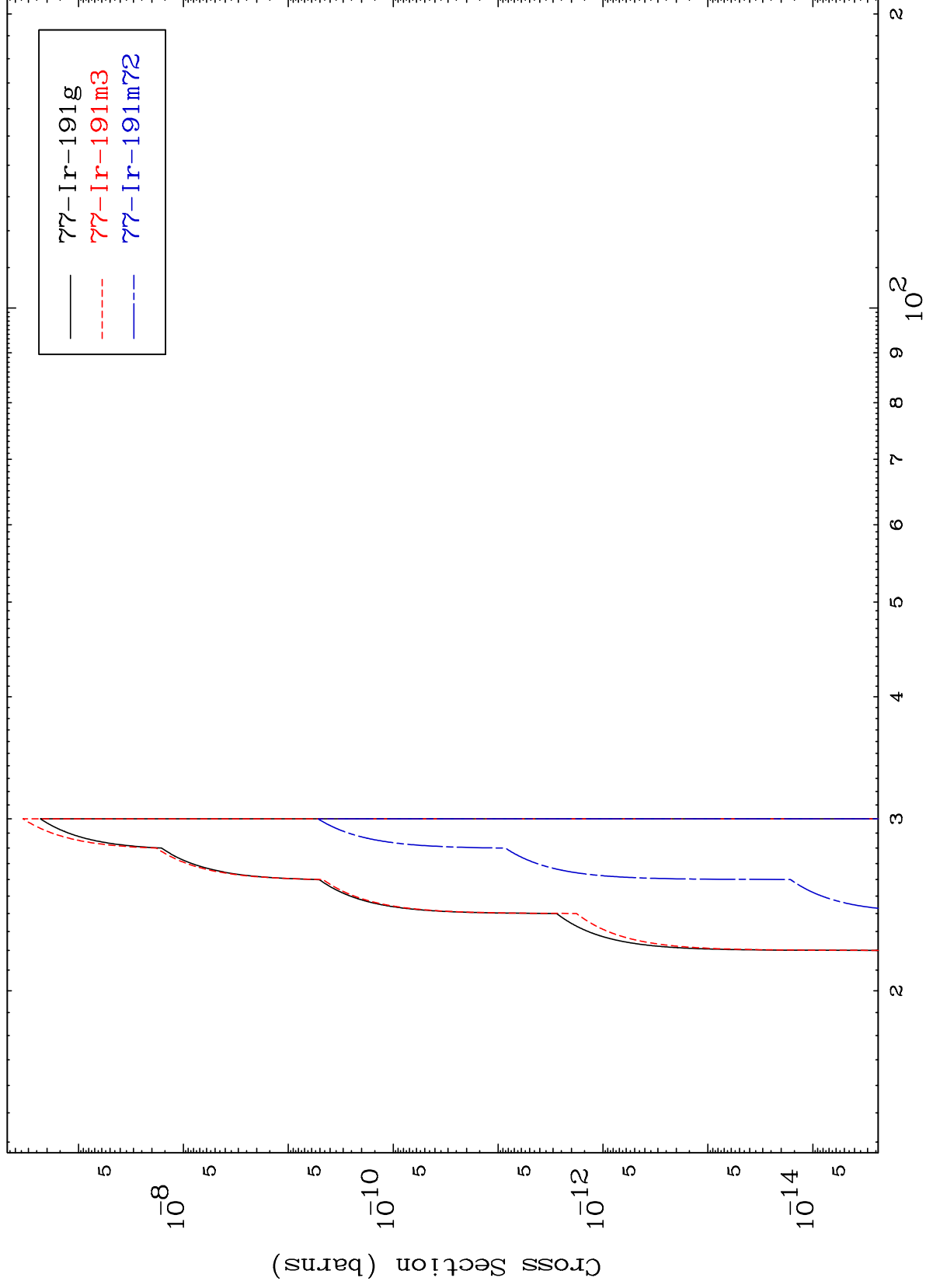
⁷⁷Ir-193m

MAT 7732

(n,2n) α

⁷⁷Ir-193m

Radionuclide Production Cross Section

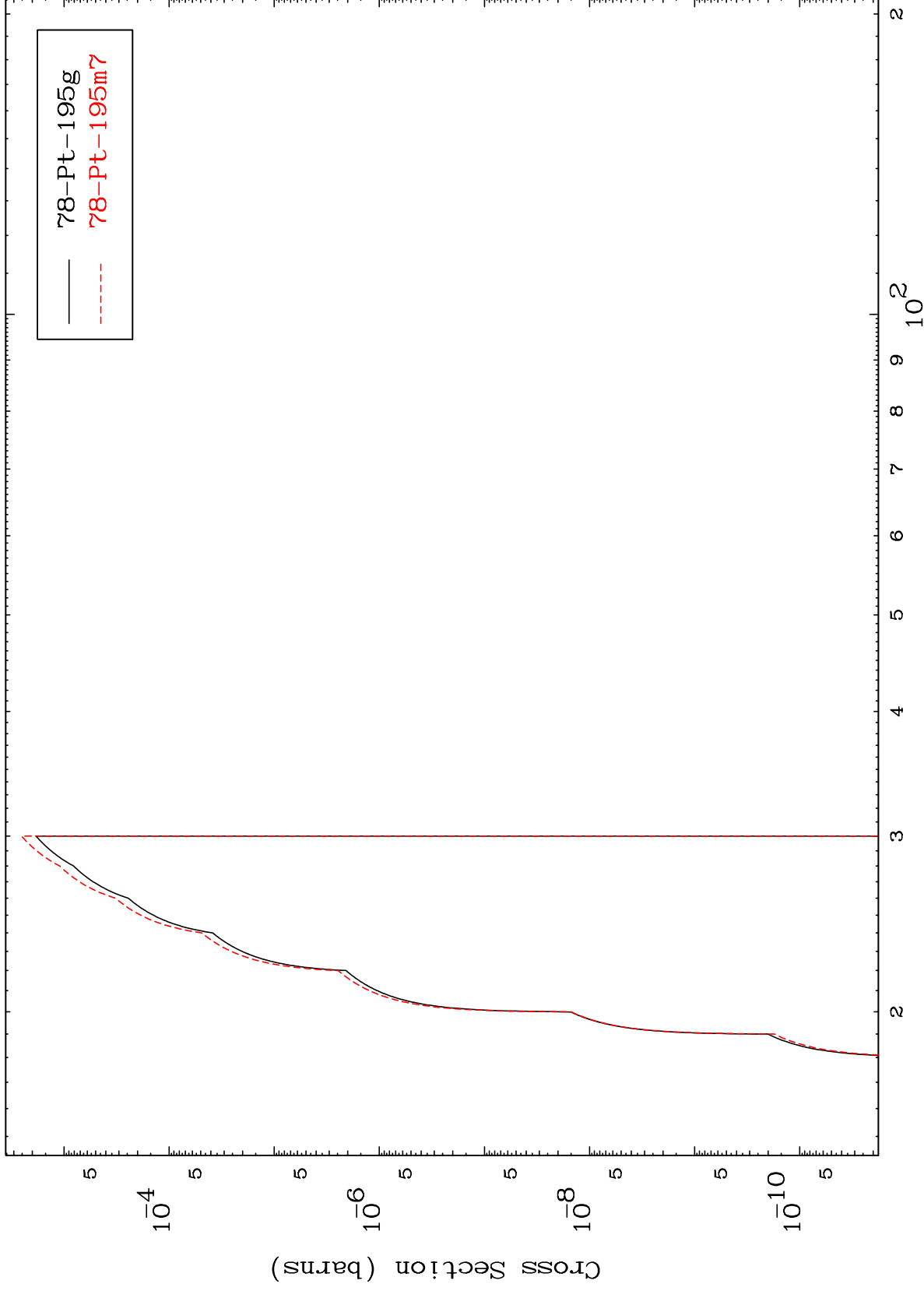


15

Incident Energy (MeV)

⁷⁷Ir-193m

Radionuclide Production Cross Section

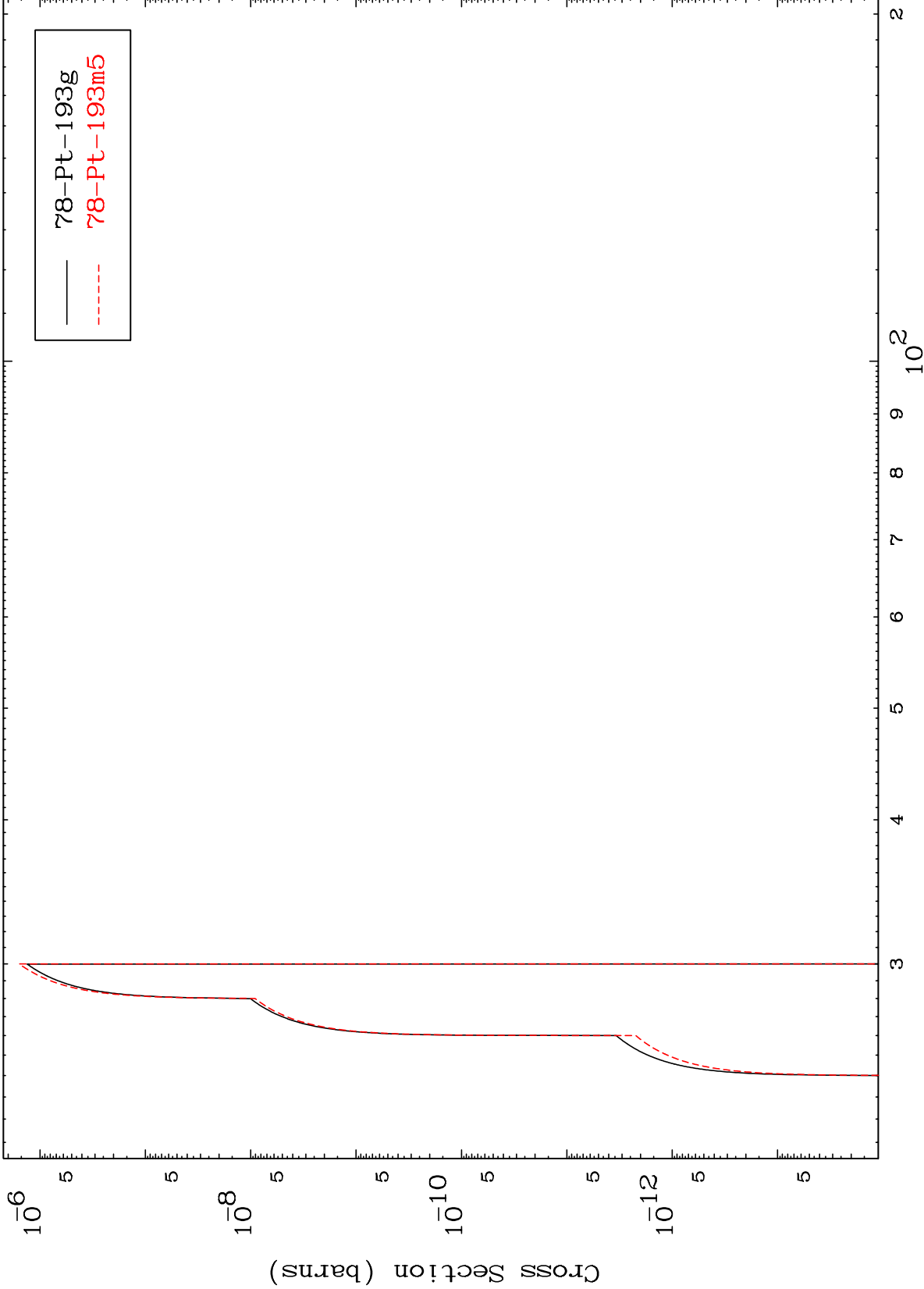


MAT 7732

(n,n') t

77-Ir-193m

Radionuclide Production Cross Section



17

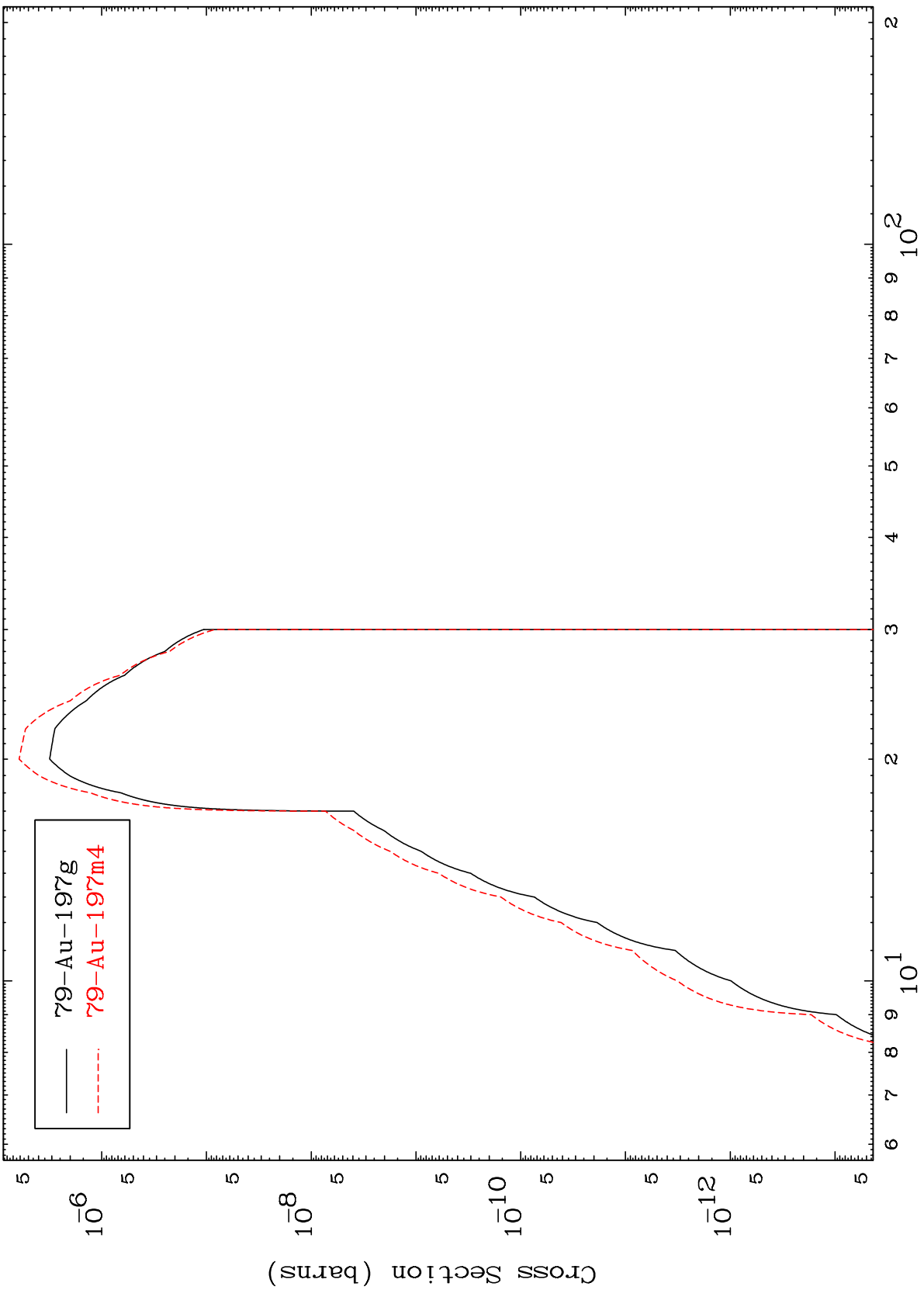
Incident Energy (MeV)

77-Ir-193m

MAT 7732

⁷⁷Ir-193m

Radionuclide Production Cross Section (n,γ)



— ⁷⁹Au-197g
- - - ⁷⁹Au-197m4

⁷⁷Ir-193m

Incident Energy (MeV)

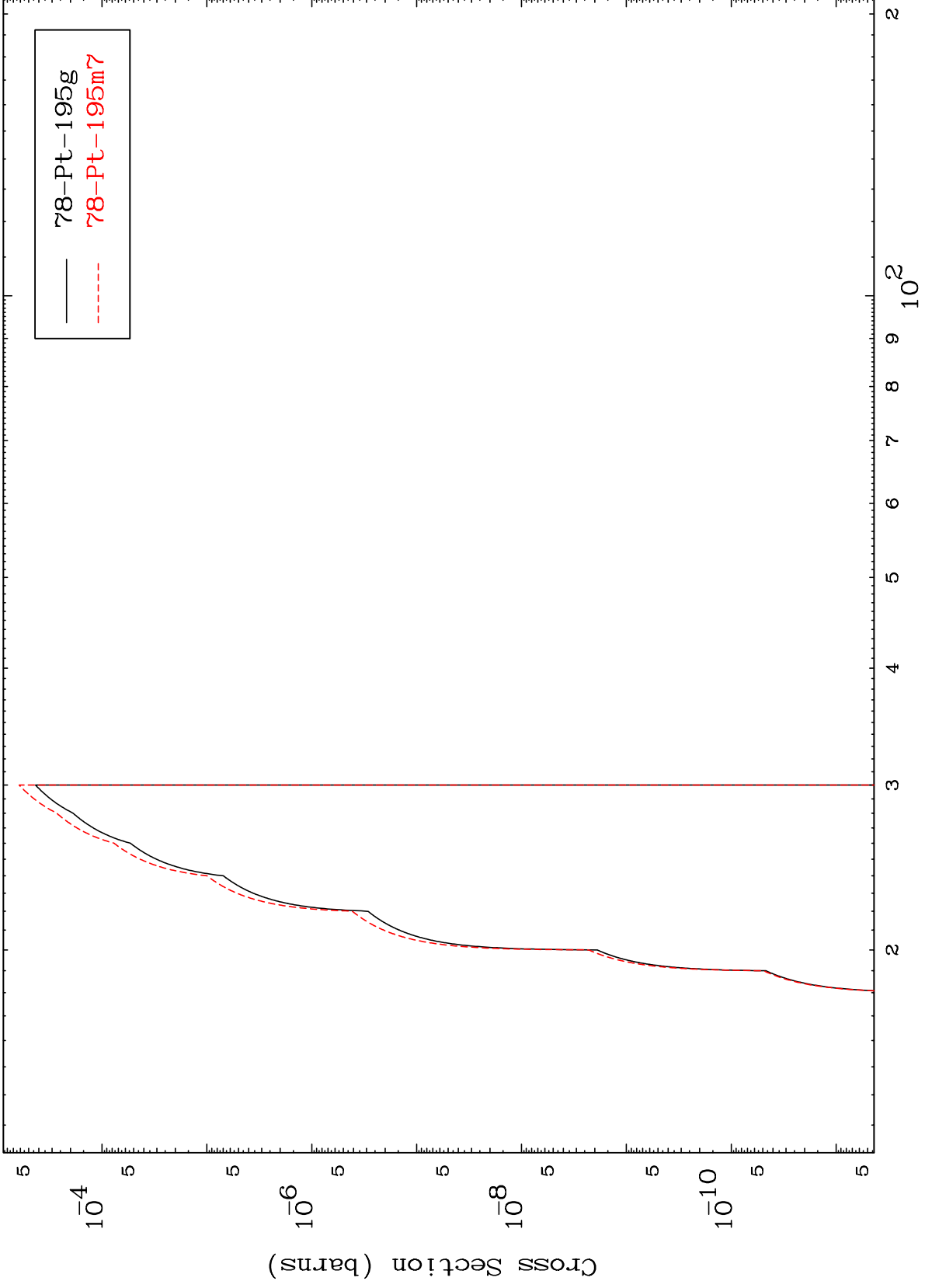
18

MAT 7732

(n,d)

77-Ir-193m

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

19

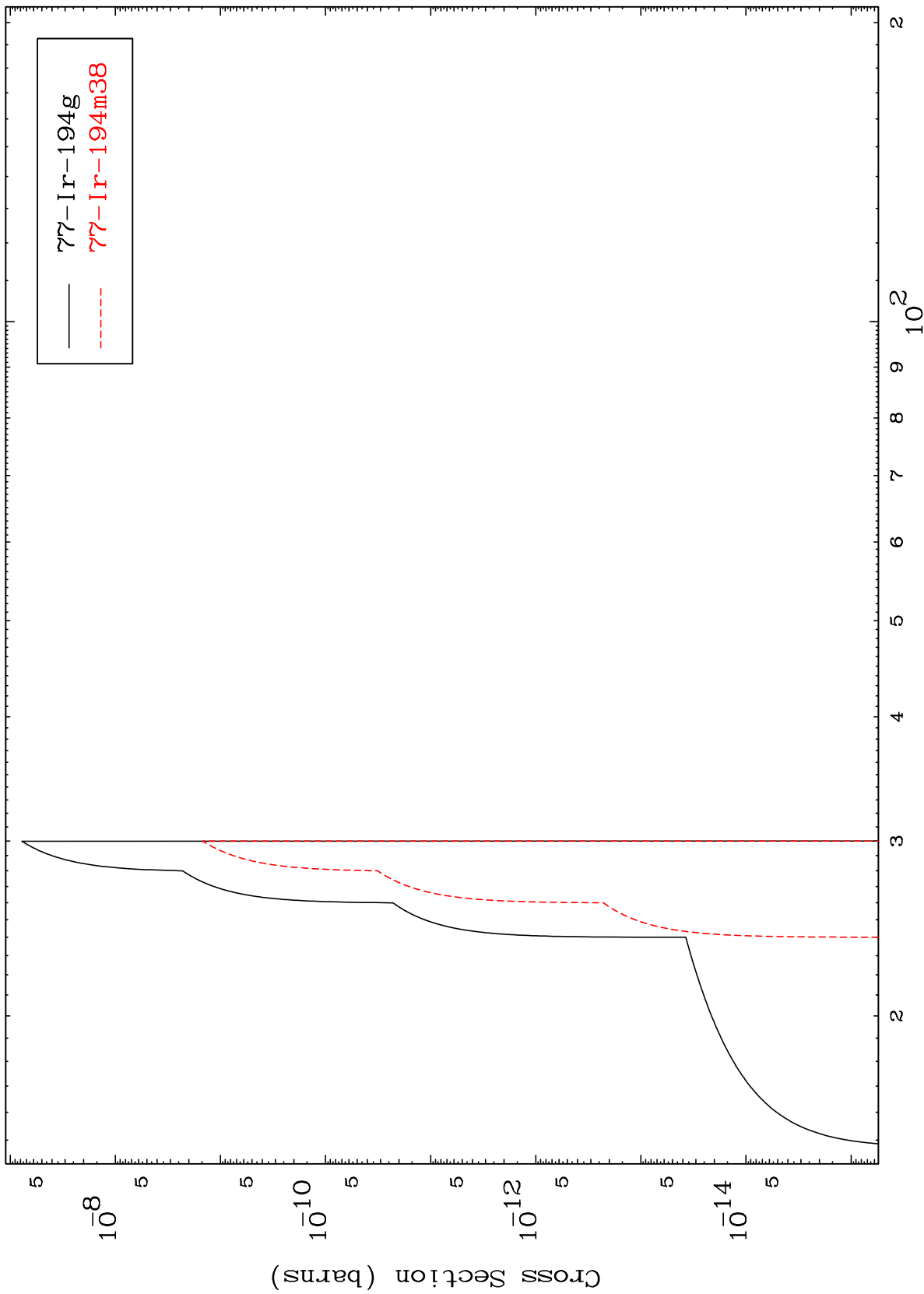
Incident Energy (MeV)

77-Ir-193m

MAT 7732

⁷⁷Ir-193m

(n,He-3)
Radionuclide Production Cross Section



⁷⁷Ir-194g
⁷⁷Ir-194m38

⁷⁷Ir-193m

Incident Energy (MeV)

20

MAT 7732

(n, α)

⁷⁷Ir-193m

Radionuclide Production Cross Section

