

Program EVALPLOT
(Version 2021-1)

by

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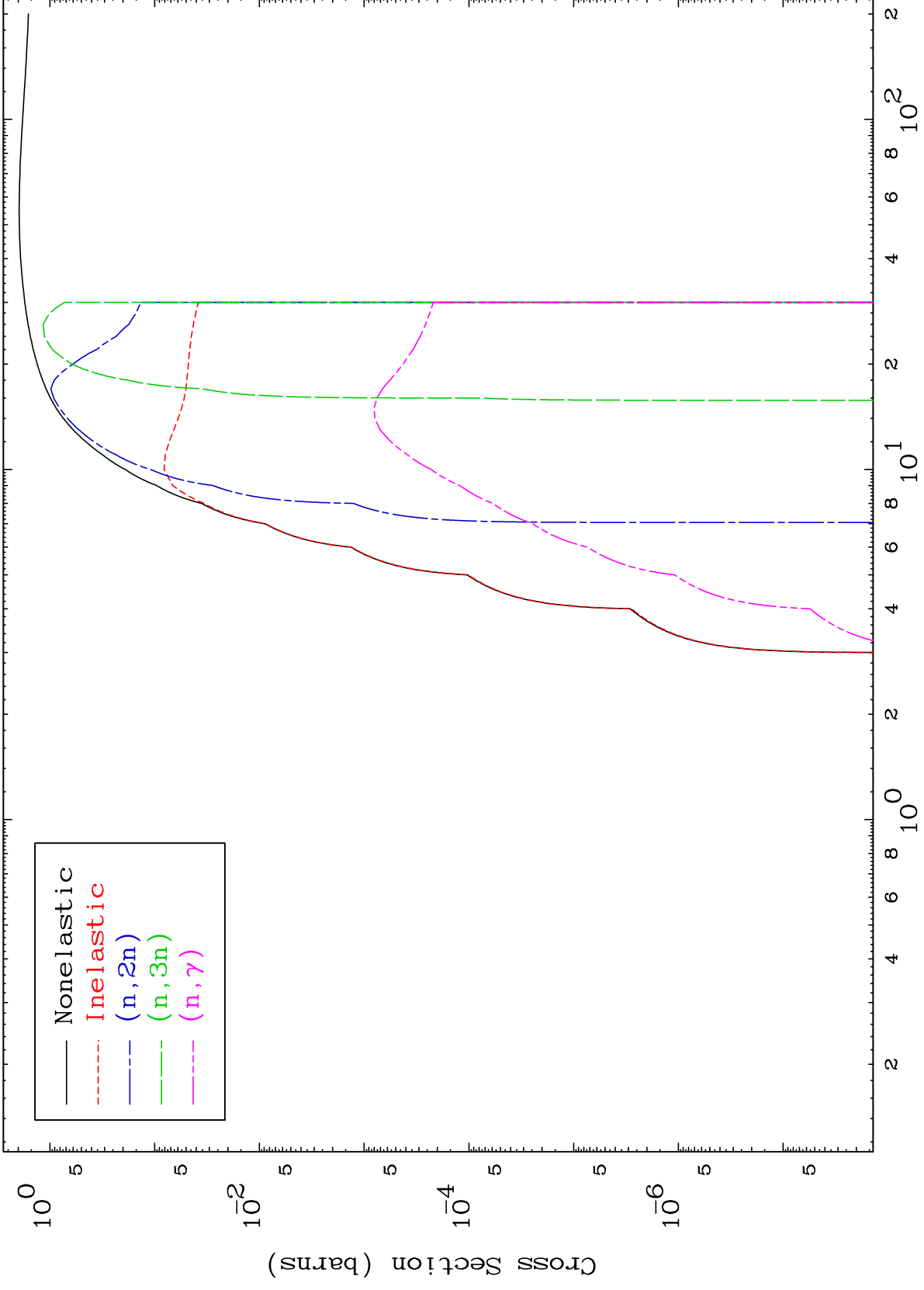
Press Mouse Button to Start

MAT 7732

Proton Major

77-Ir-193m

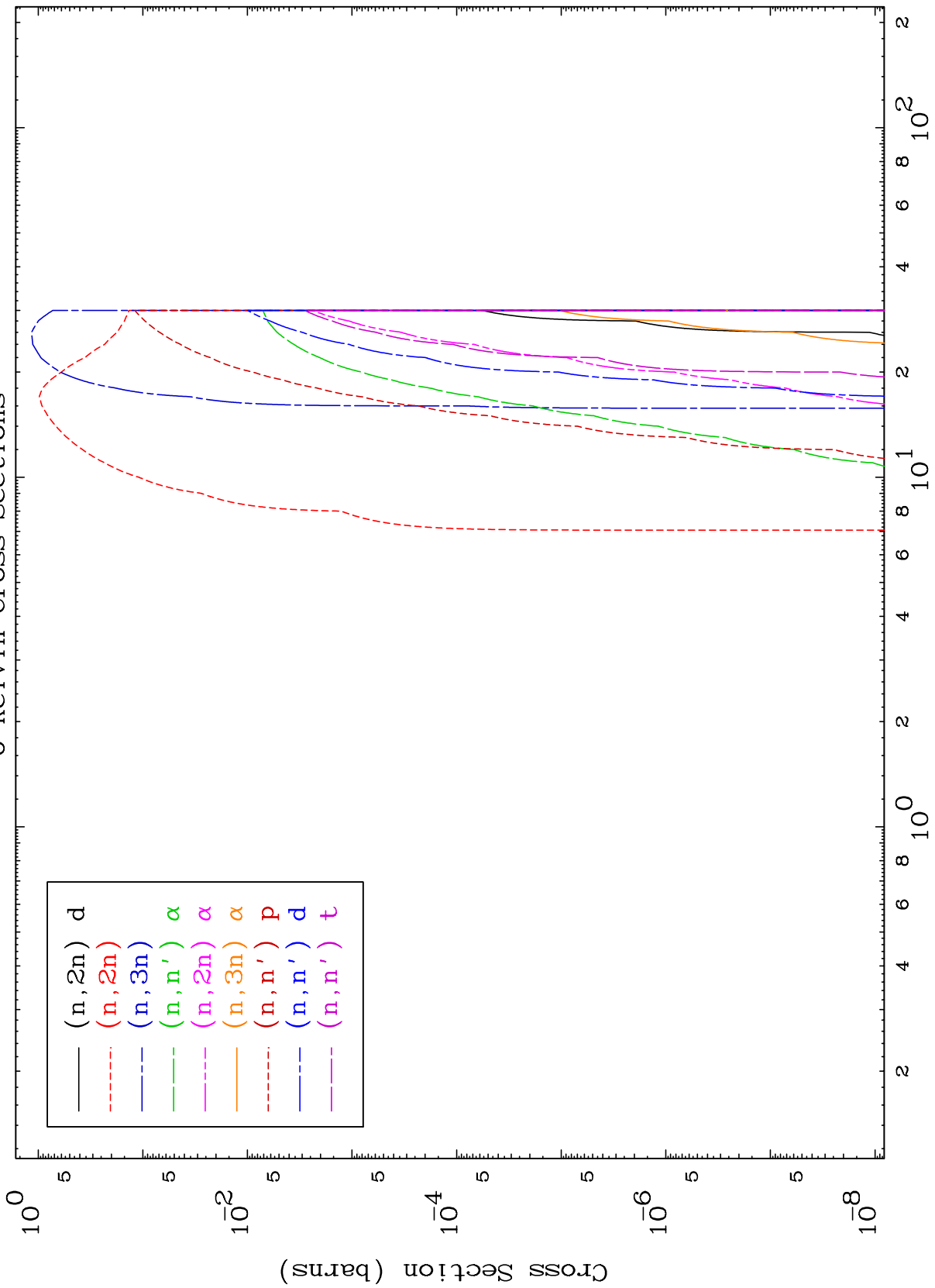
0 Kelvin Cross Sections



MAT 7732

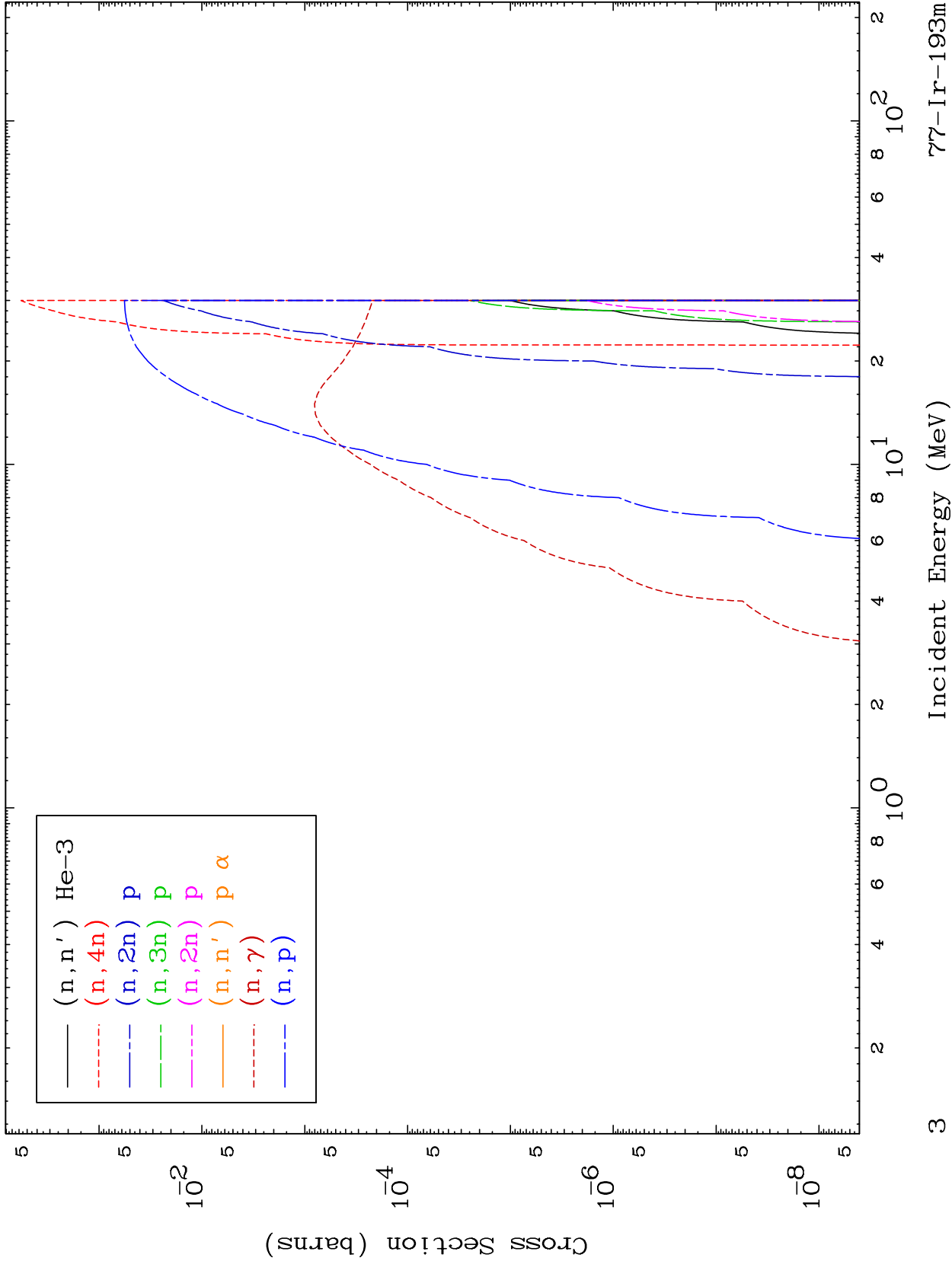
Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-193m



Incident Energy (MeV)

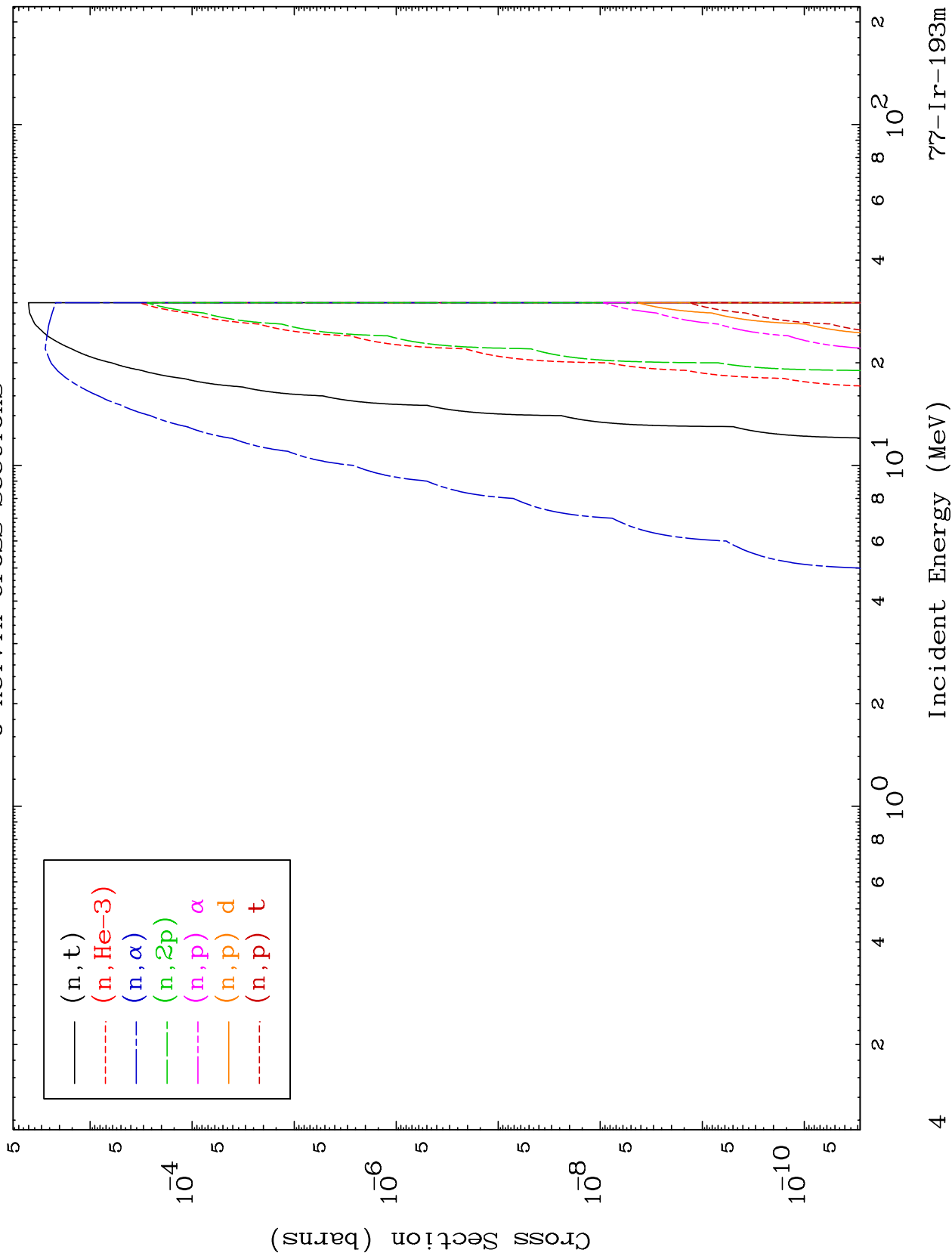
77-Ir-193m



MAT 7732

Proton Neutron Absorption
0 Kelvin Cross Sections

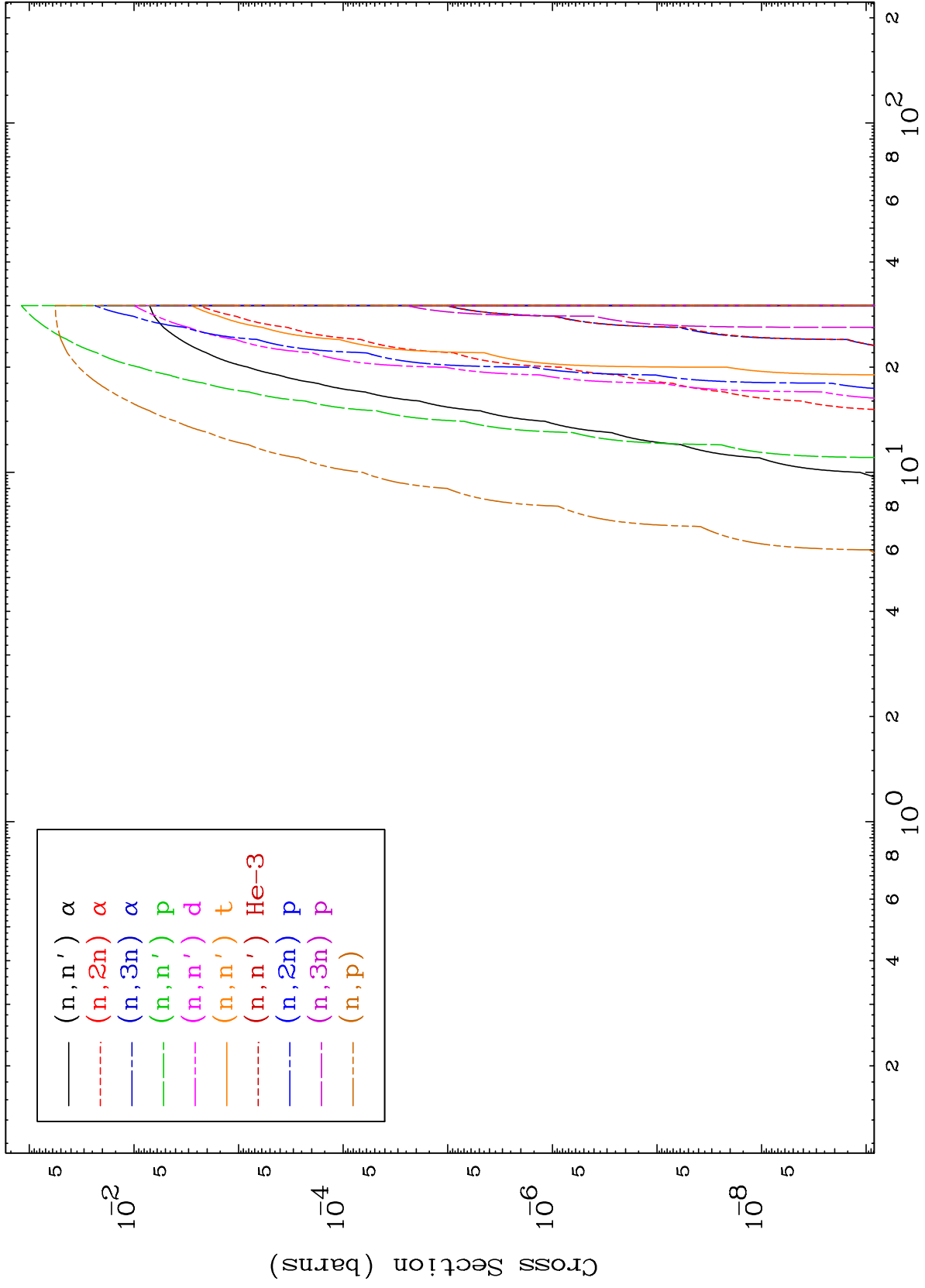
77-Ir-193m

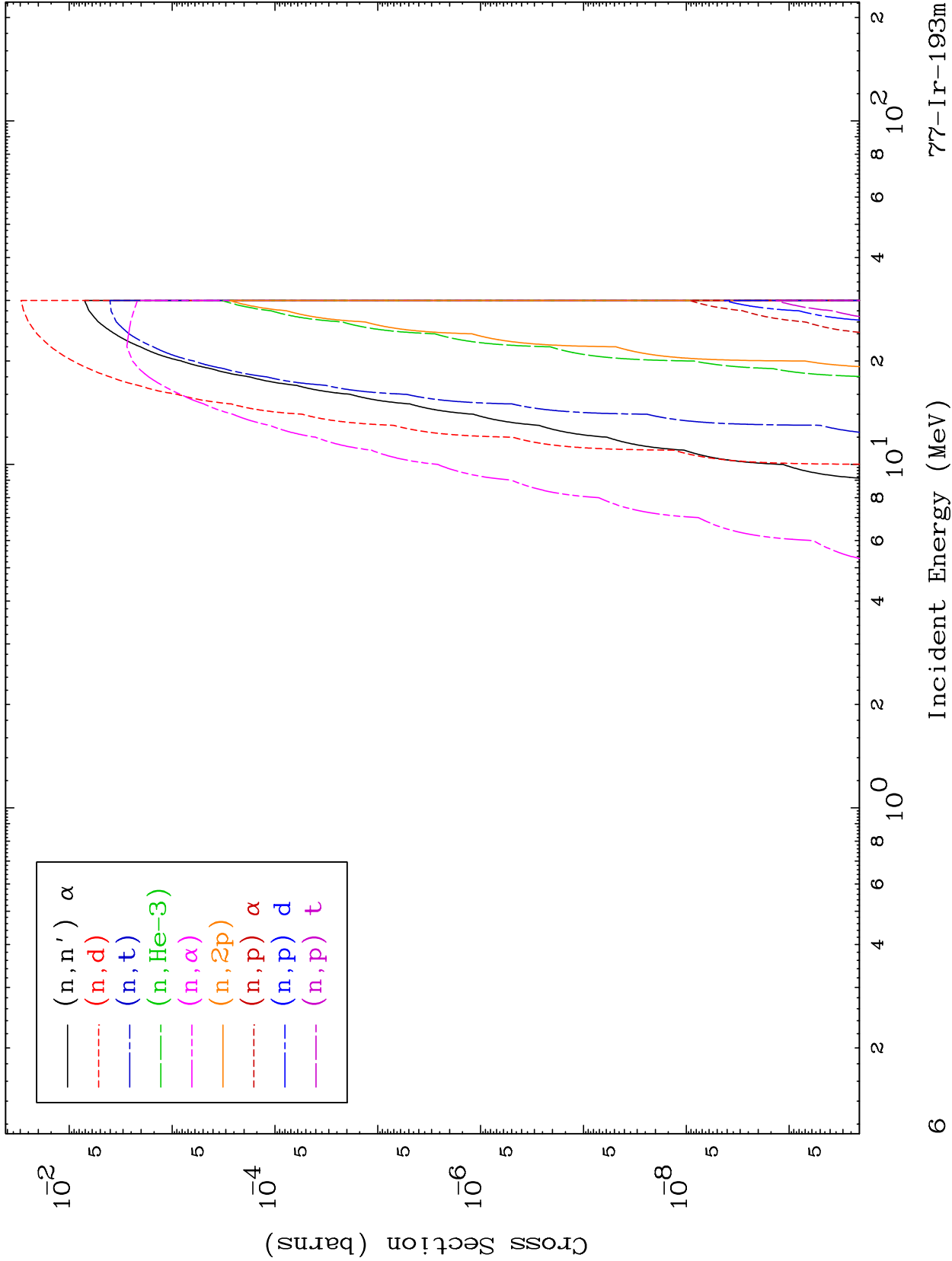


MAT 7732

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-193m



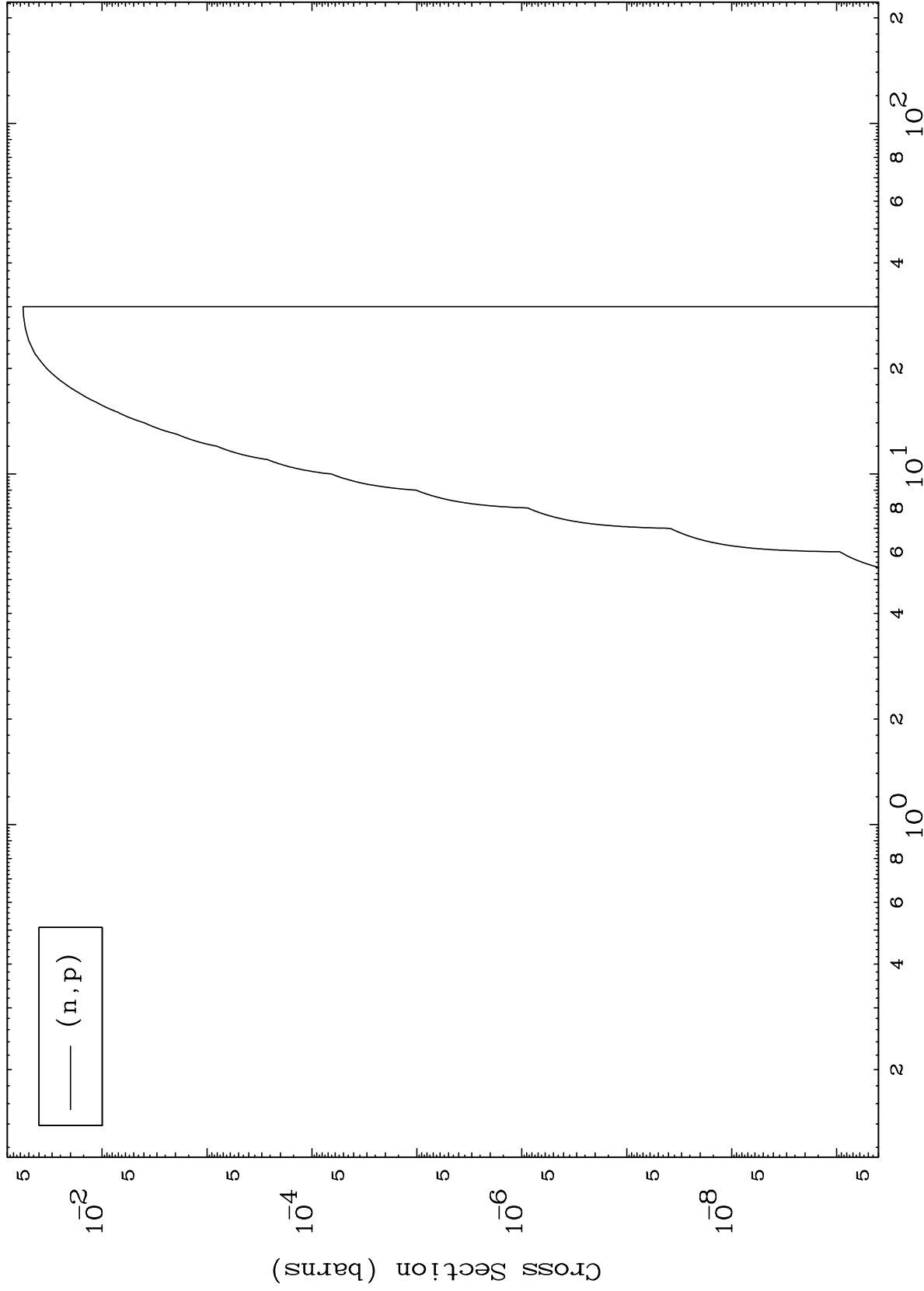


MAT 7732

(p,p) Levels

77-Ir-193m

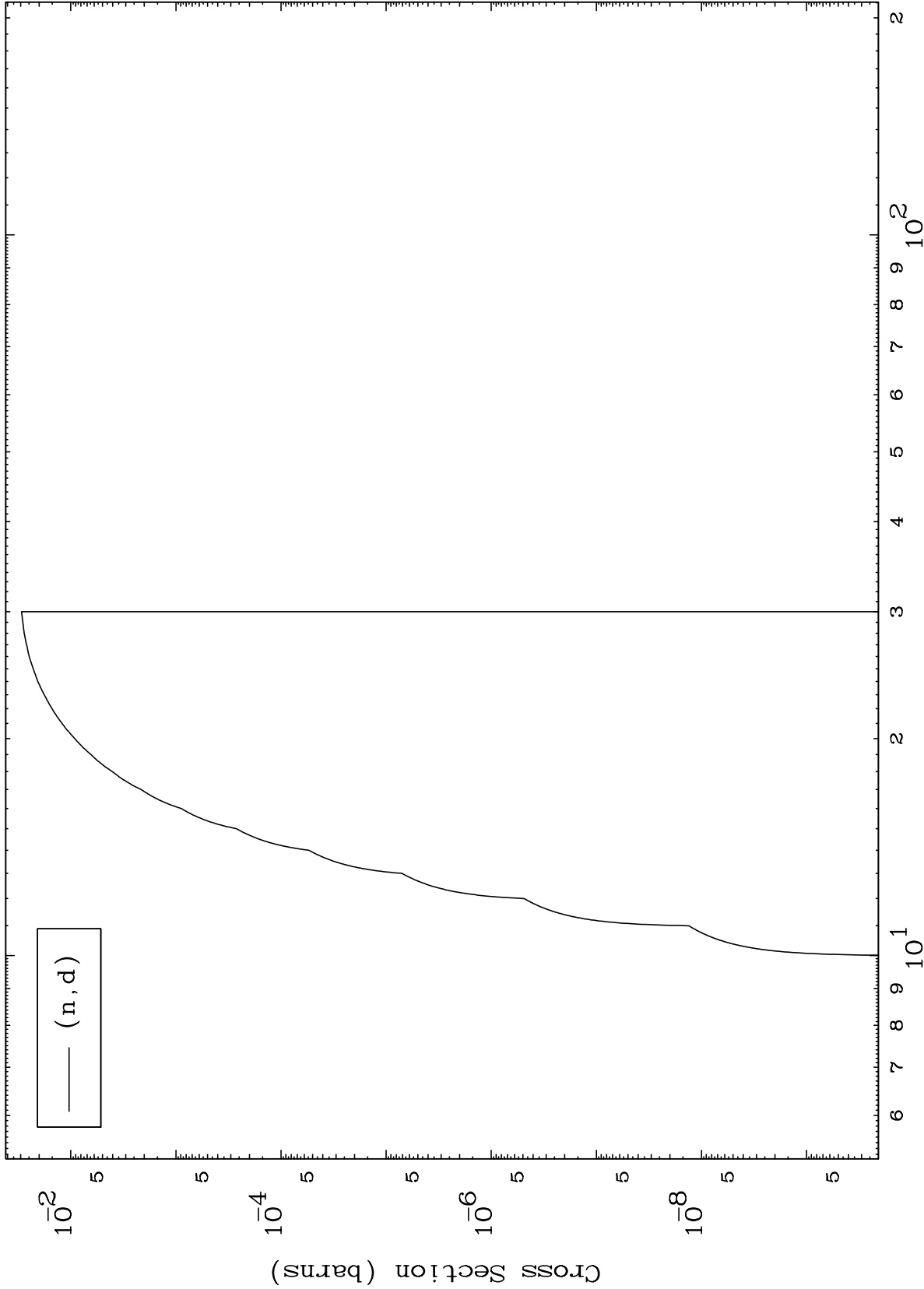
0 Kelvin Cross Sections



MAT 7732

(p,d) Levels
0 Kelvin Cross Sections

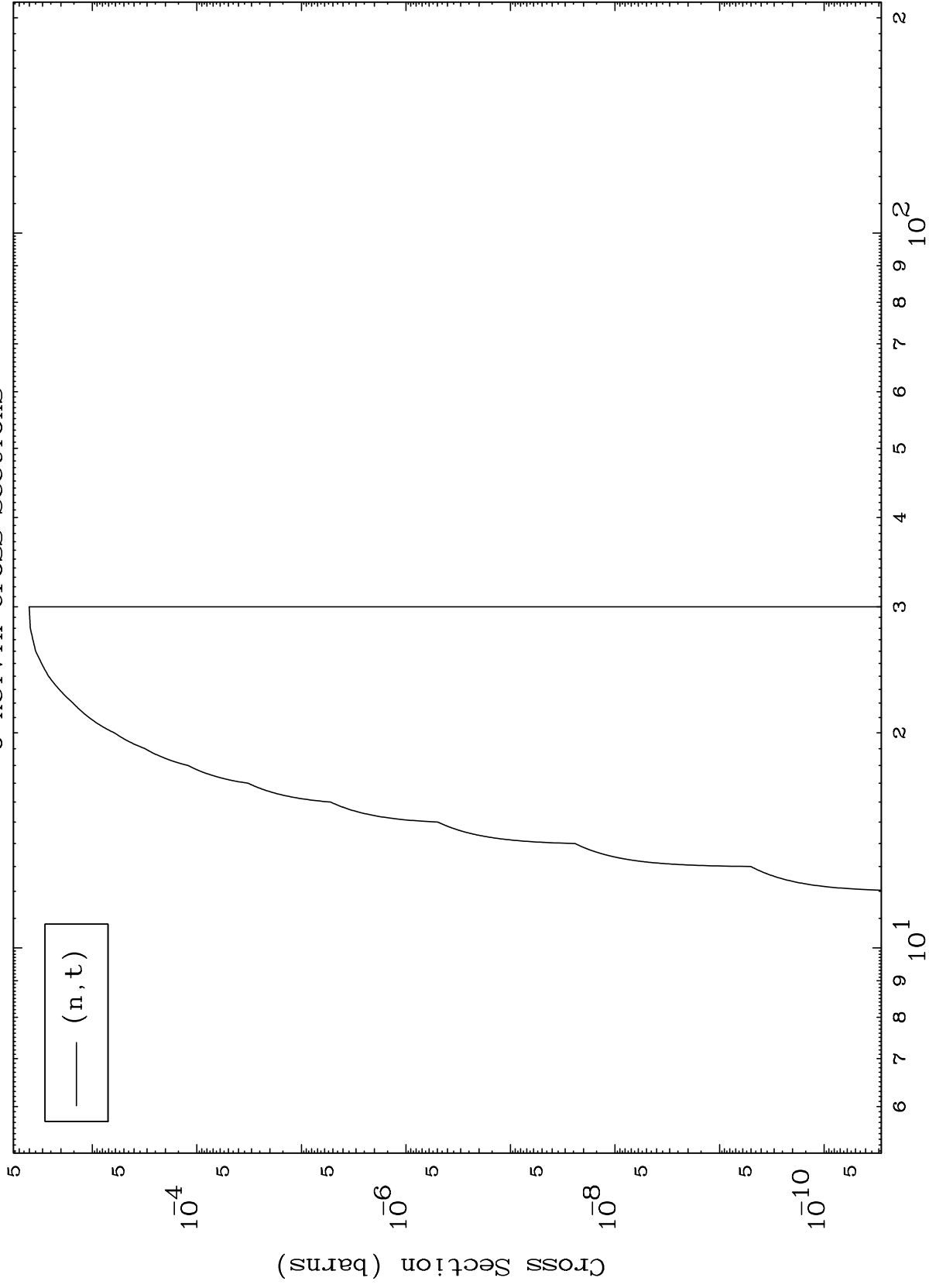
77-Ir-193m



MAT 7732

(p, t) Levels
0 Kelvin Cross Sections

77-Ir-193m



9

Incident Energy (MeV)

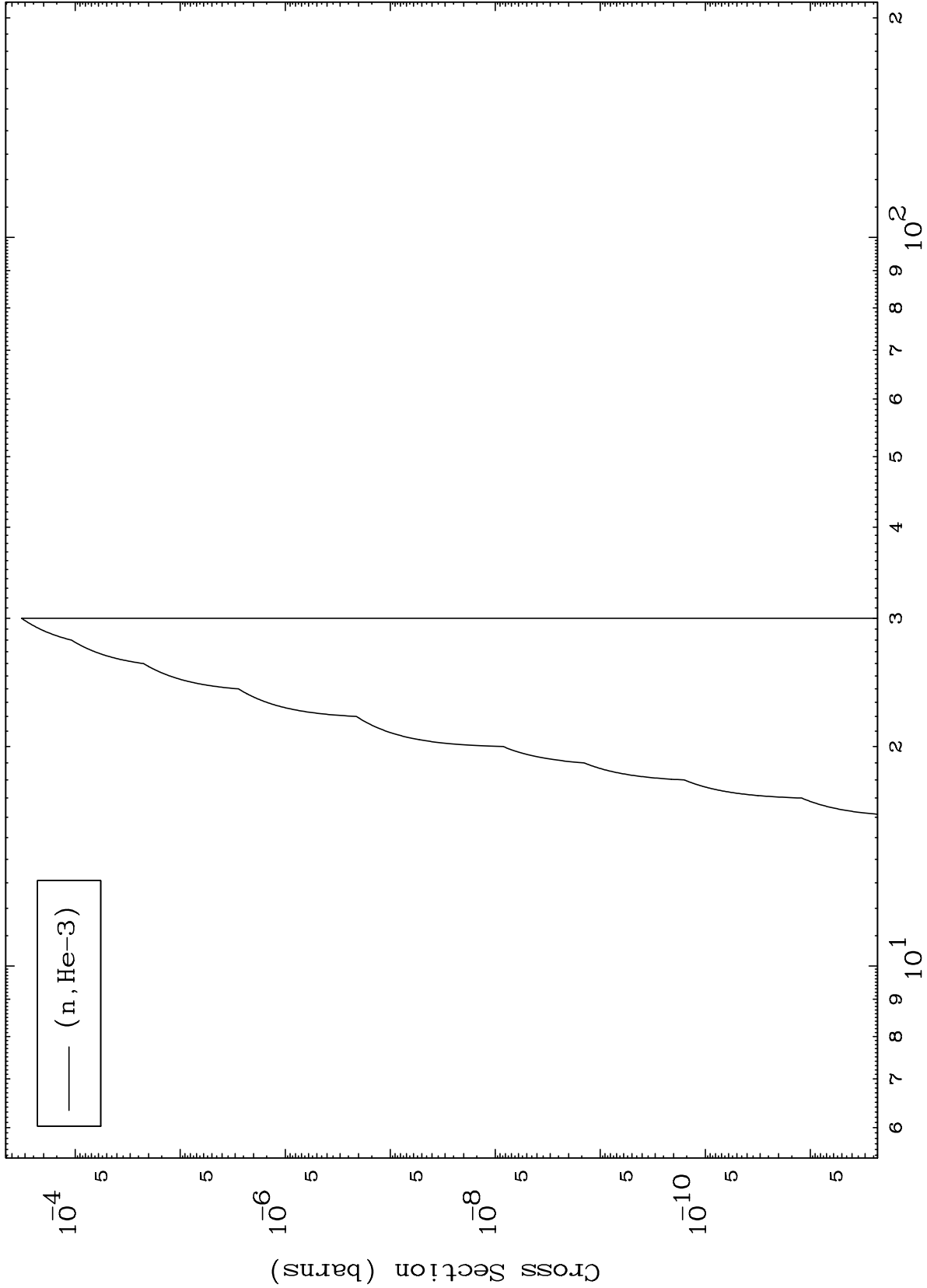
77-Ir-193m

MAT 7732

(p,He3) Levels

77-Ir-193m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

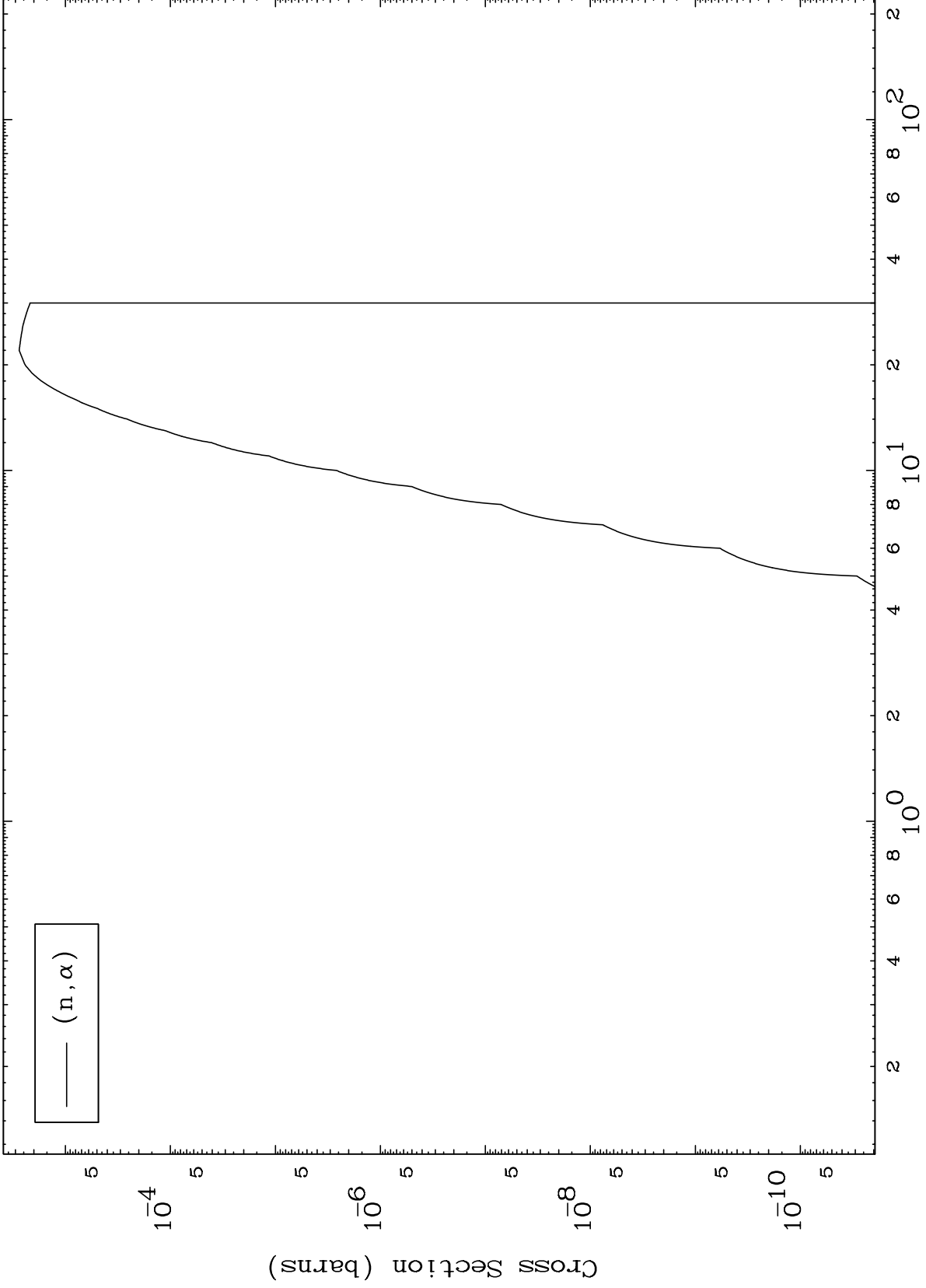
77-Ir-193m

MAT 7732

(p, α) Levels

⁷⁷Ir-193m

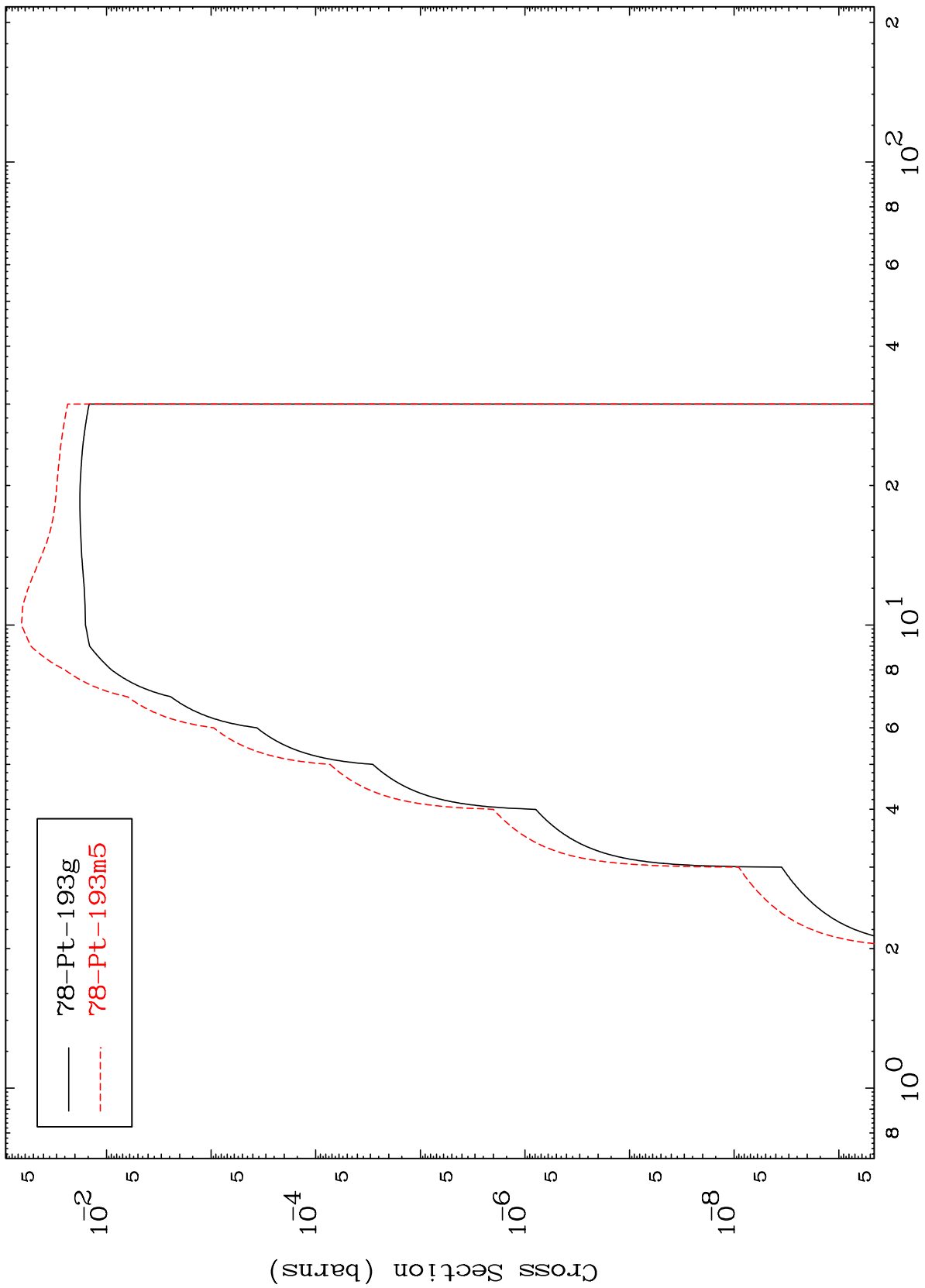
0 Kelvin Cross Sections



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77-Ir-193m

Radionuclide Production Cross Section



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

77-Ir-193m

Incident Energy (MeV)

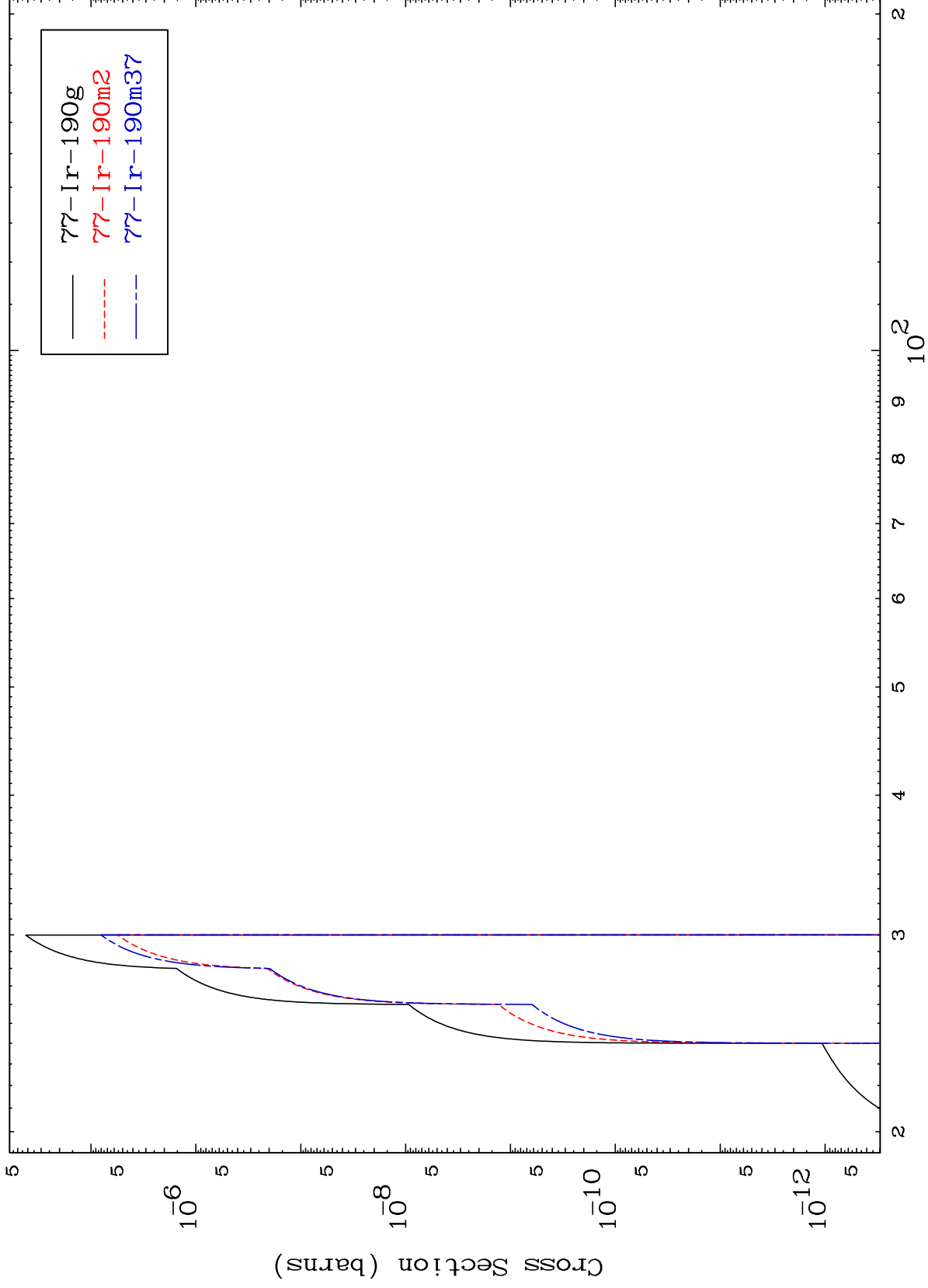
12

MAT 7732

(n,2n) d

⁷⁷Ir-193m

Radionuclide Production Cross Section



13

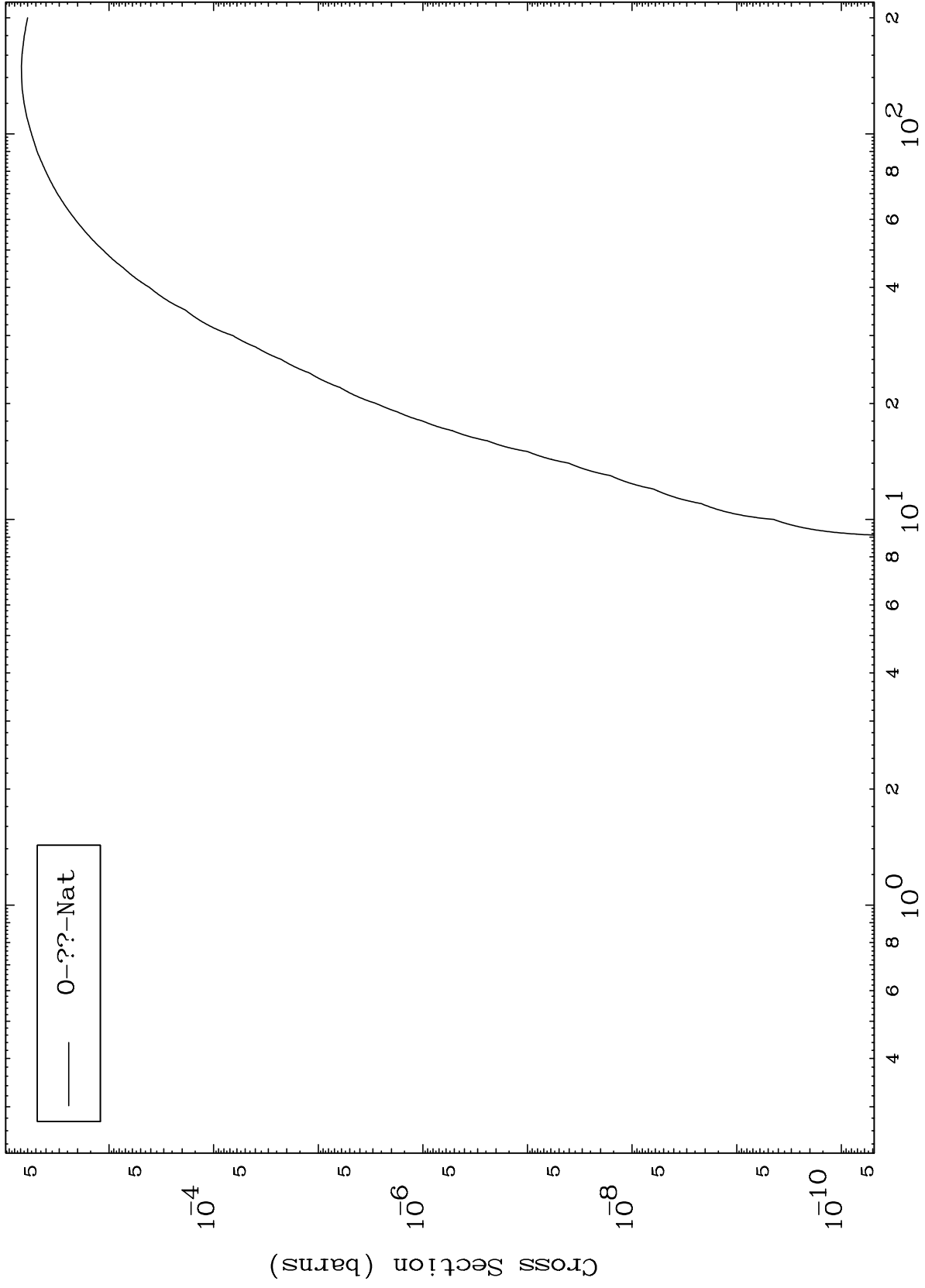
Incident Energy (MeV)

⁷⁷Ir-193m

MAT 7732

Fission
Radionuclide Production Cross Section

⁷⁷Ir-193m



14

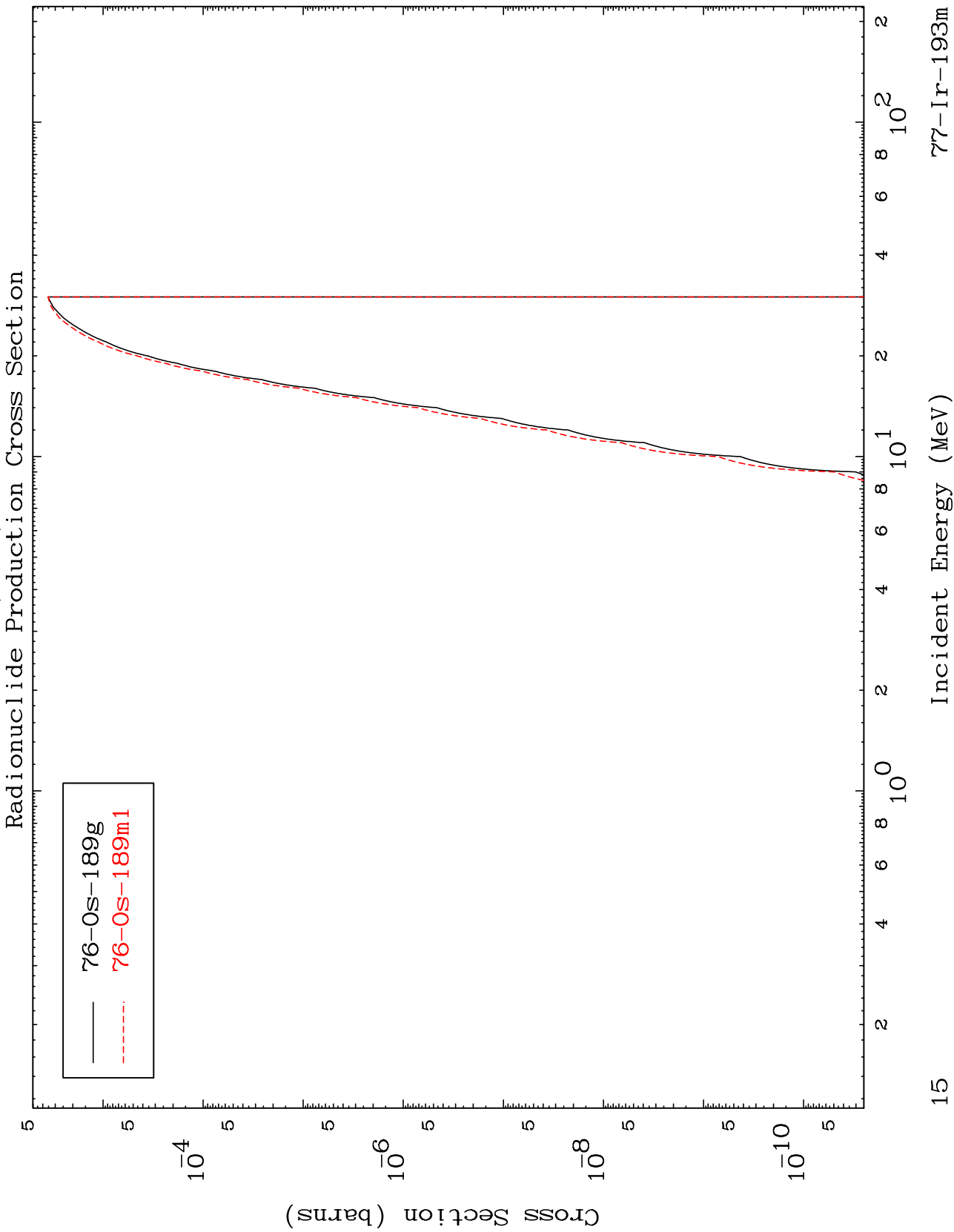
Incident Energy (MeV)

⁷⁷Ir-193m

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$(n, n') \alpha$

77-Ir-193m

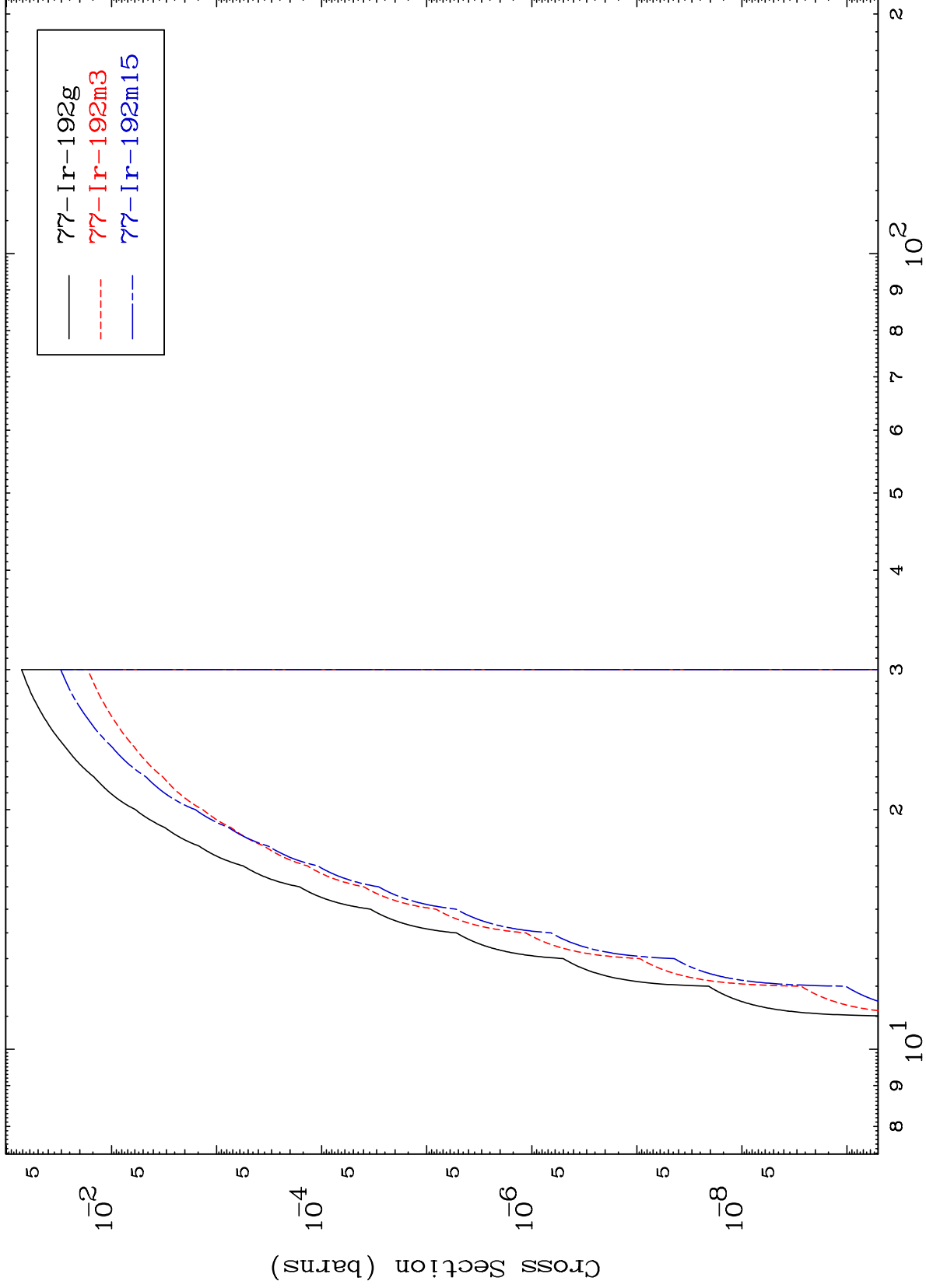


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(n,n') p

77-Ir-193m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

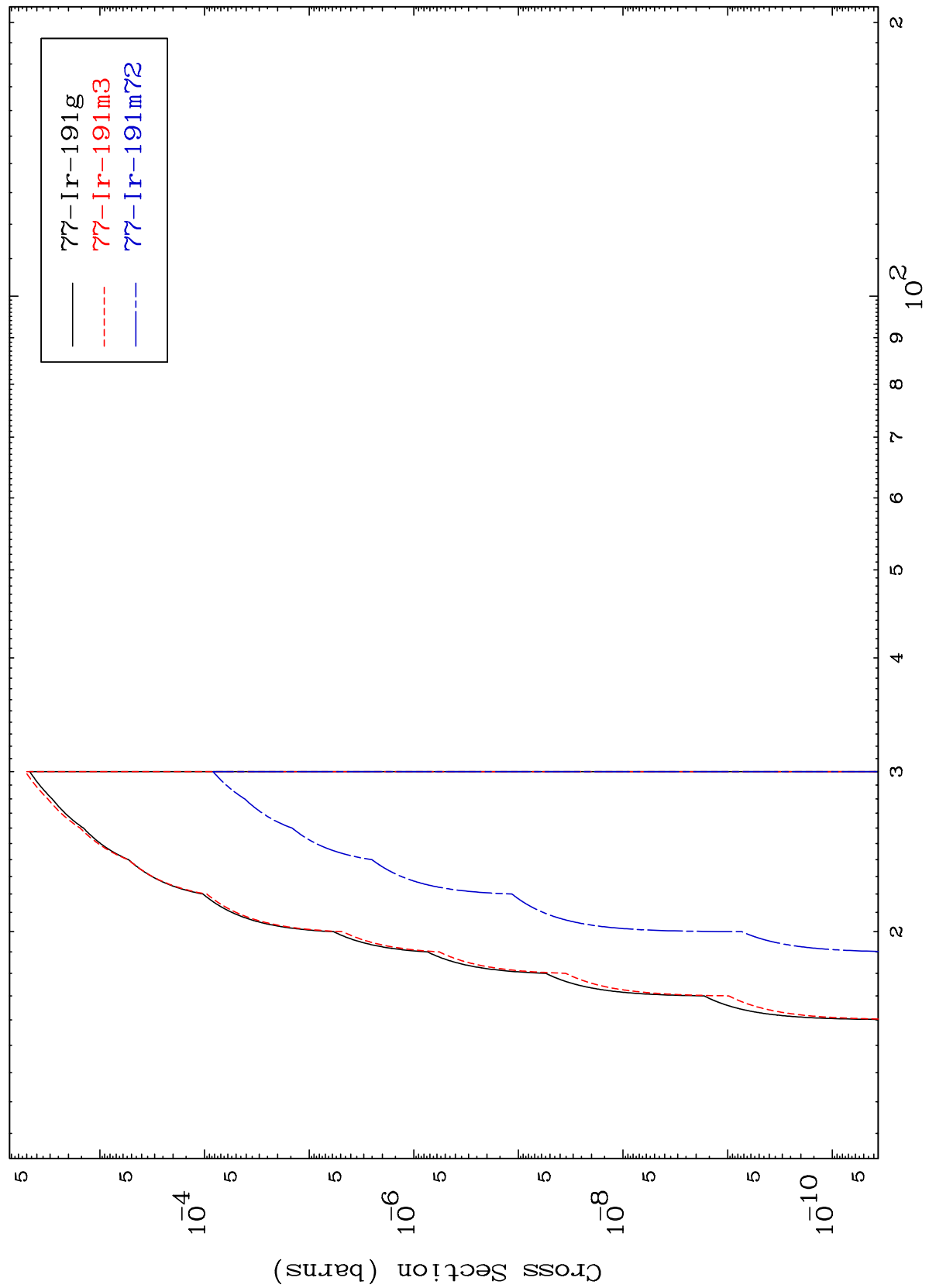
77-Ir-193m

MAT 7732

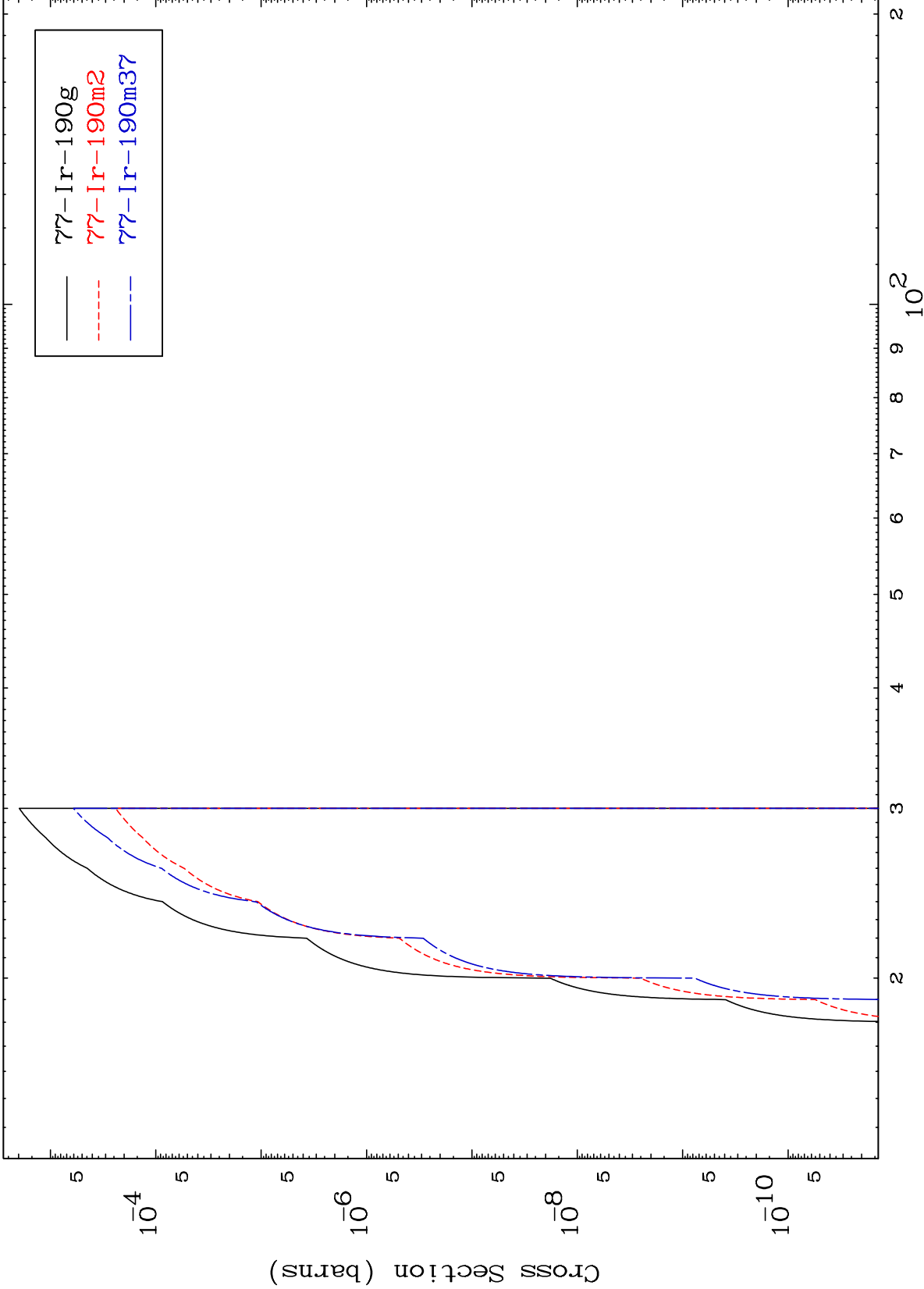
(n,n') d

77-Ir-193m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

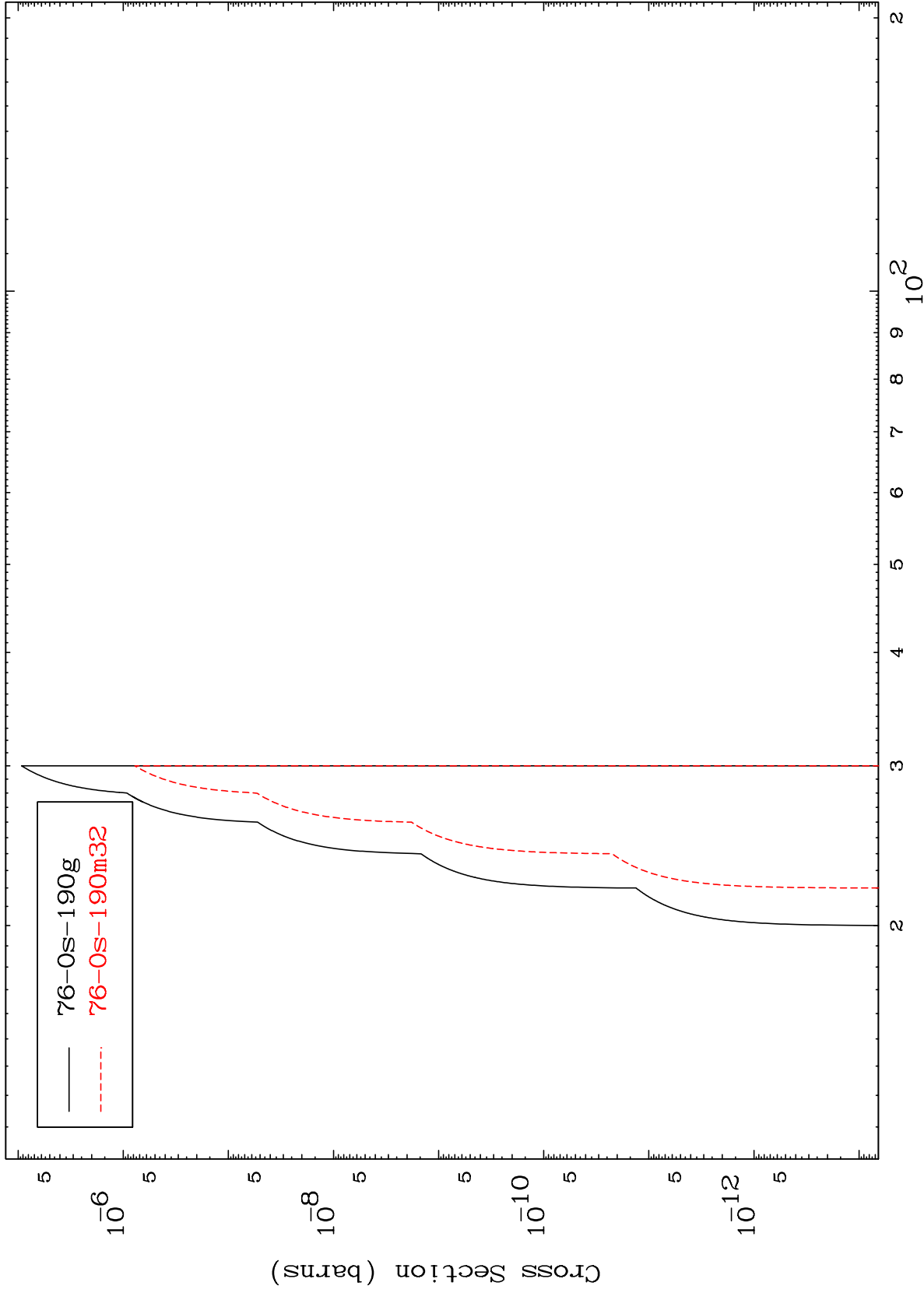


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(n,n') He-3

77-Ir-193m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

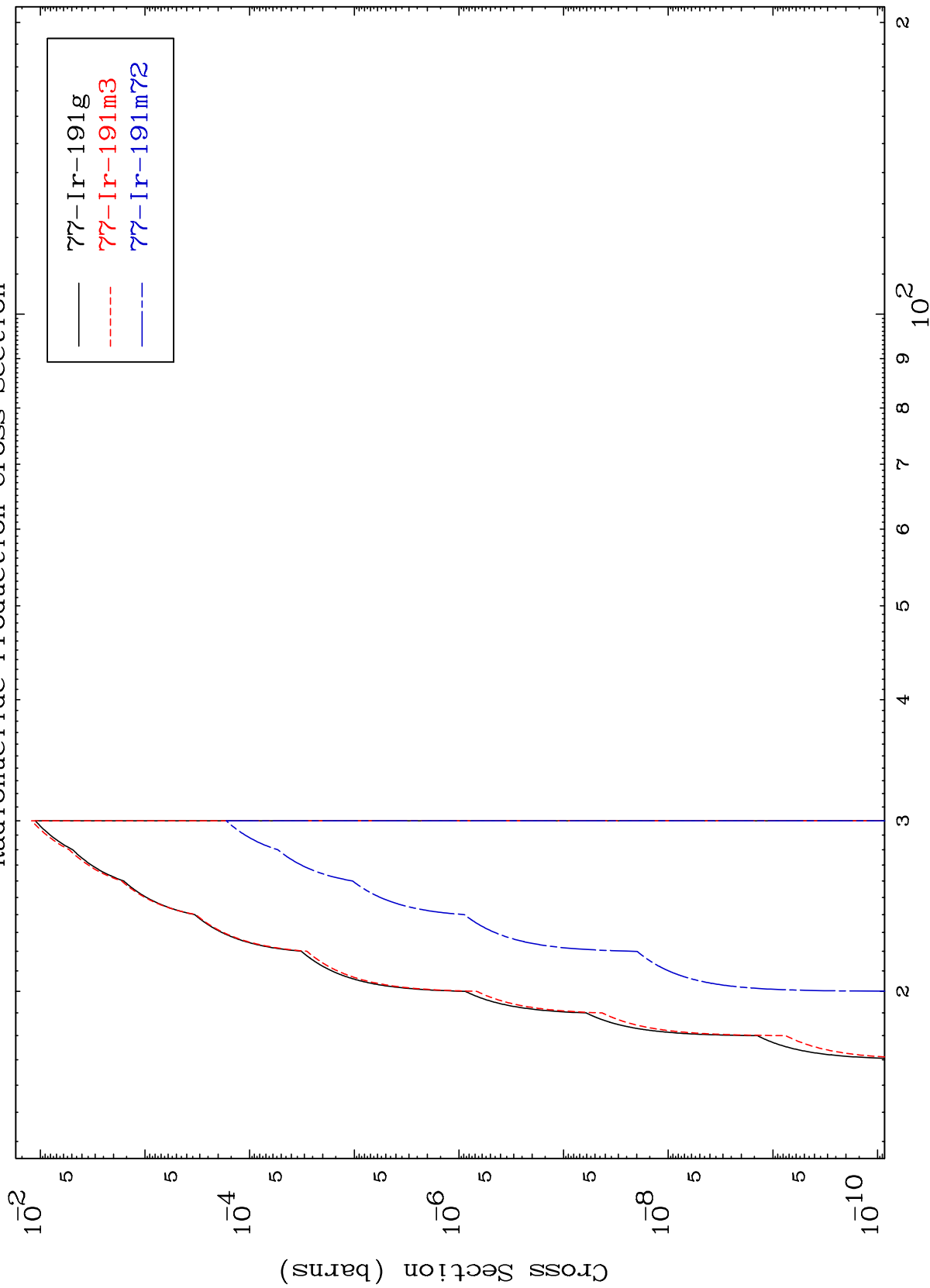
77-Ir-193m

MAT 7732

(n,2n) p

77-Ir-193m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

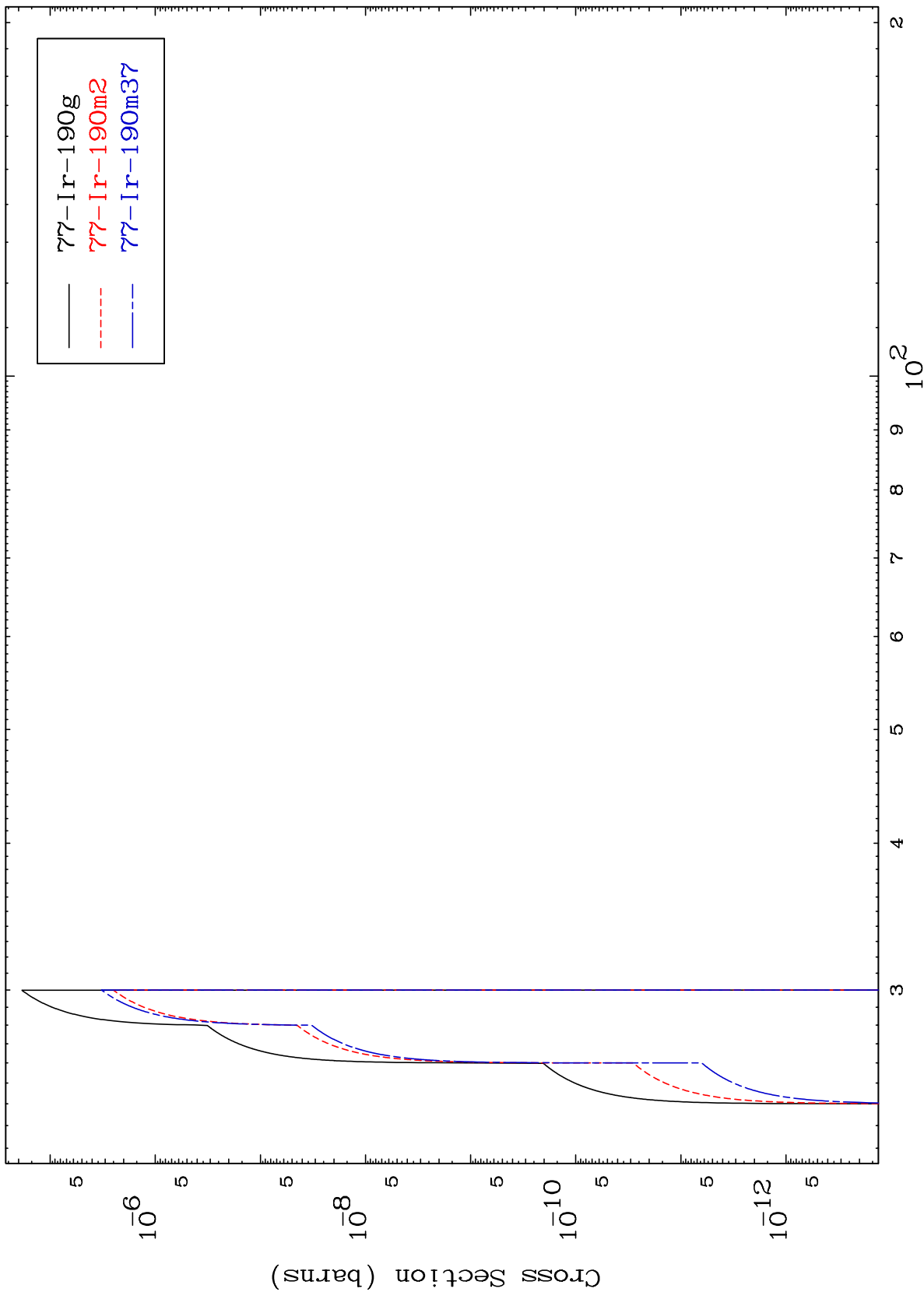
77-Ir-193m

MAT 7732

(n,3n) p

⁷⁷Ir-193m

Radionuclide Production Cross Section



21

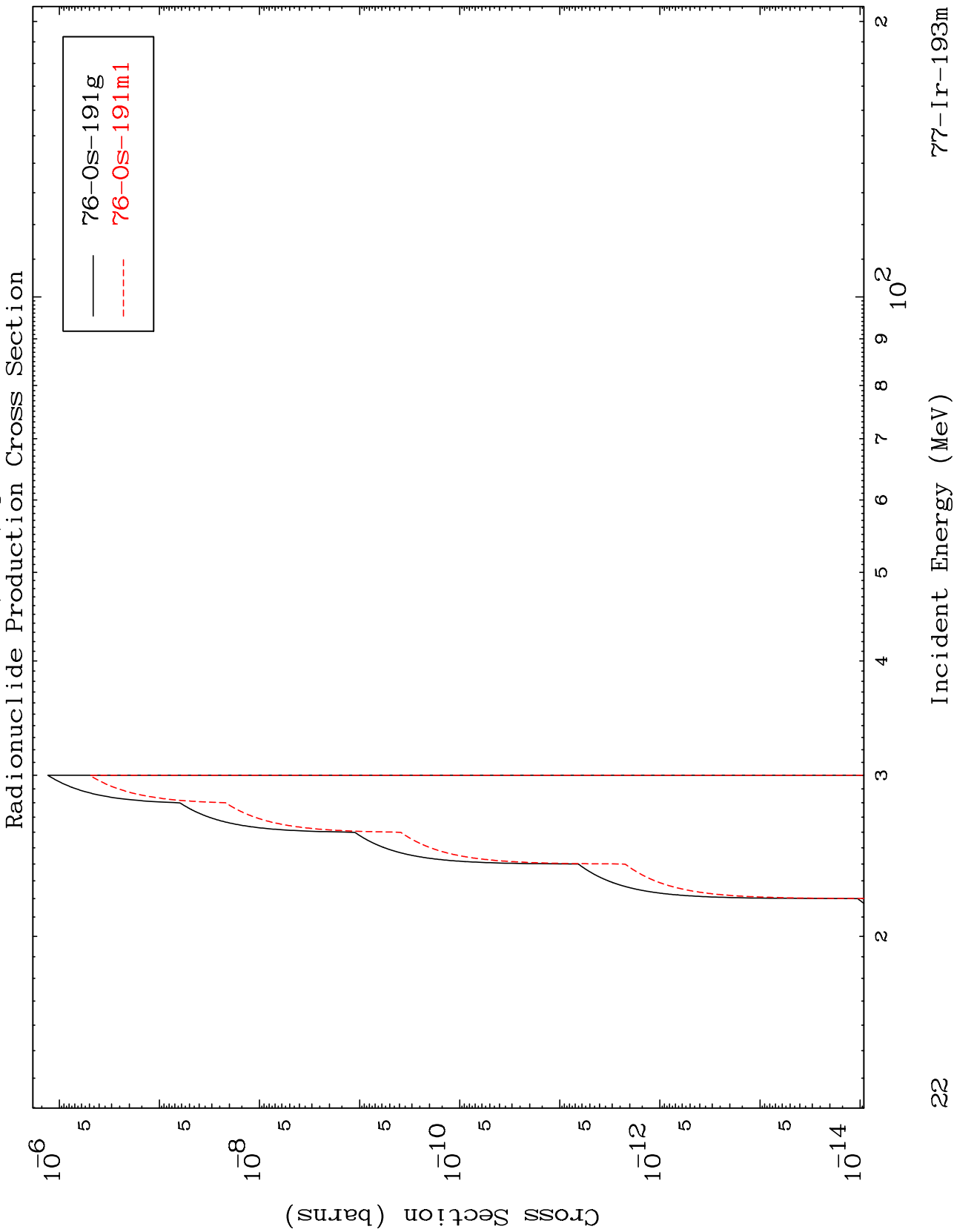
Incident Energy (MeV)

⁷⁷Ir-193m

MAT 7732

(n,2n) p

77-Ir-193m

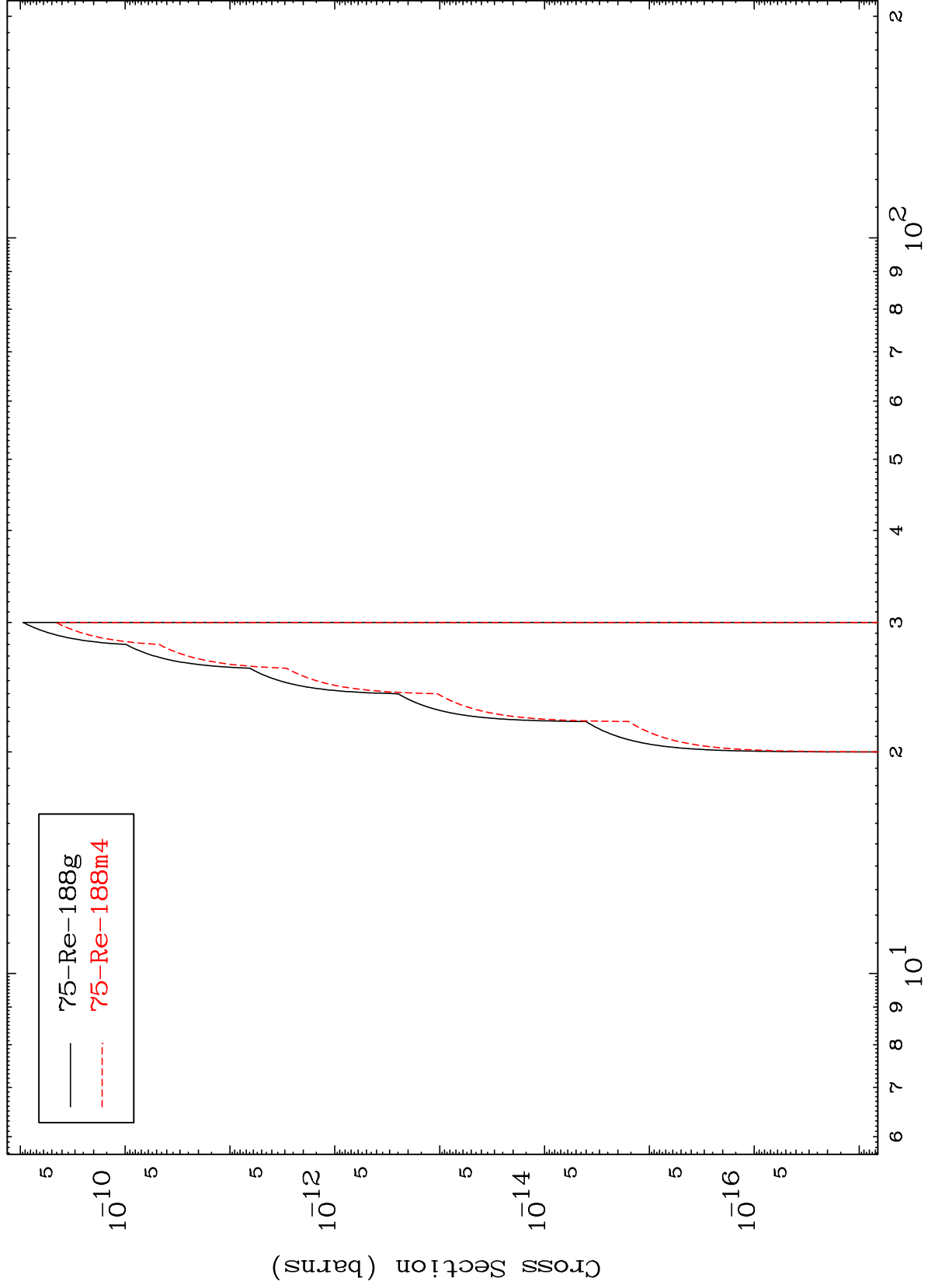


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(n,n') p α

77-Ir-193m

Radionuclide Production Cross Section



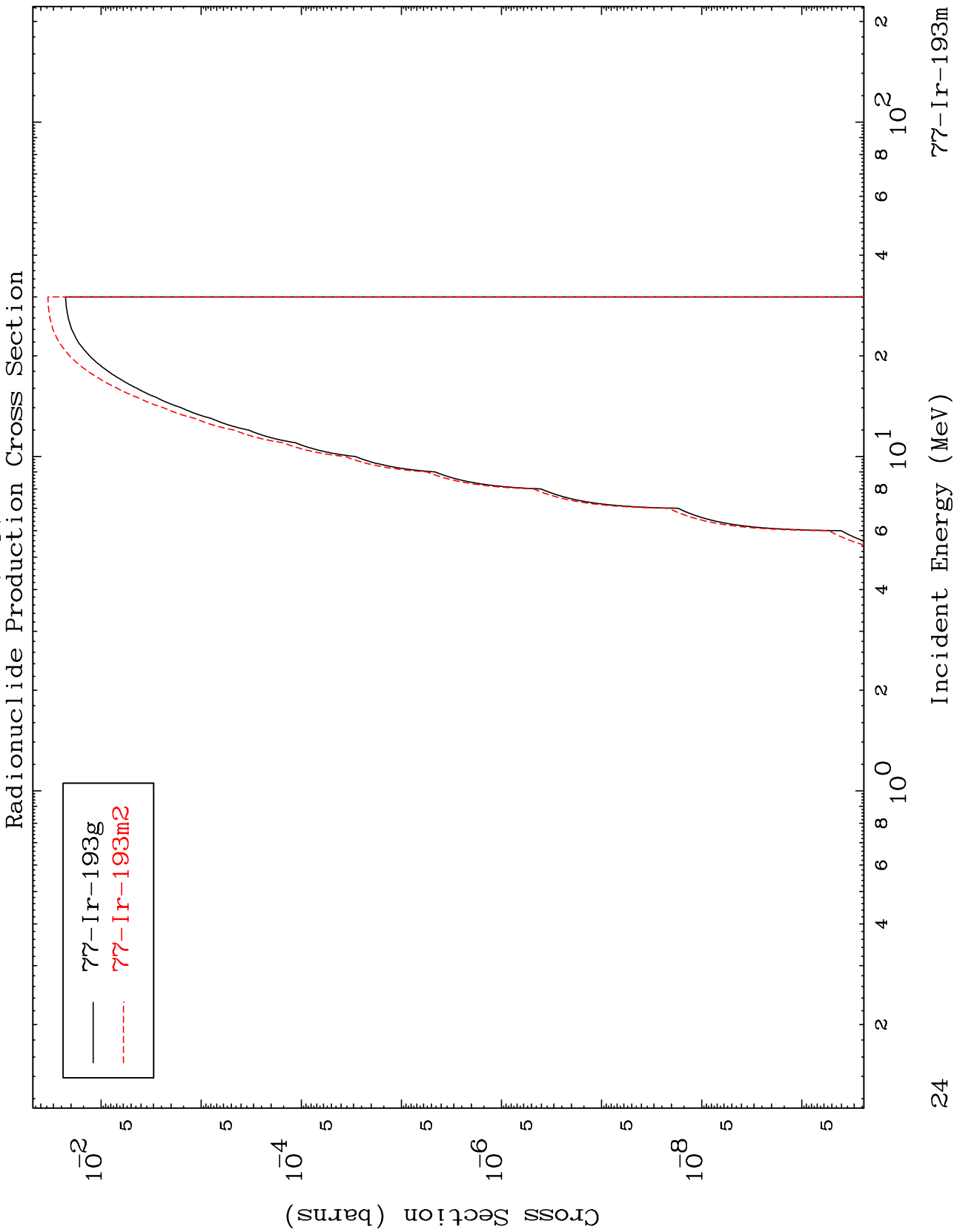
23

Incident Energy (MeV)

77-Ir-193m

MAT 7732

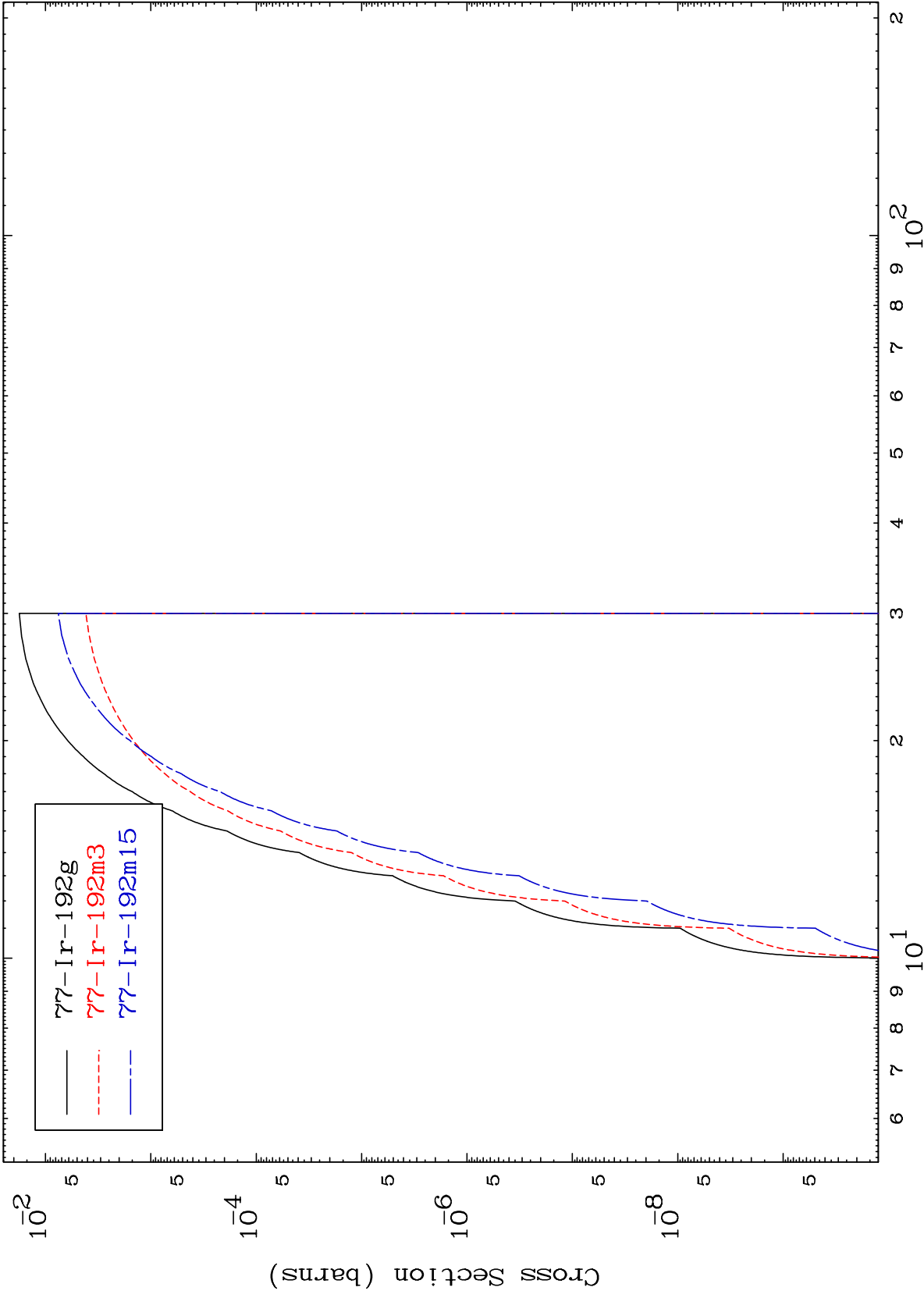
⁷⁷Ir-193m



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⁷⁷Ir-193m

(n,d)
Radionuclide Production Cross Section



25

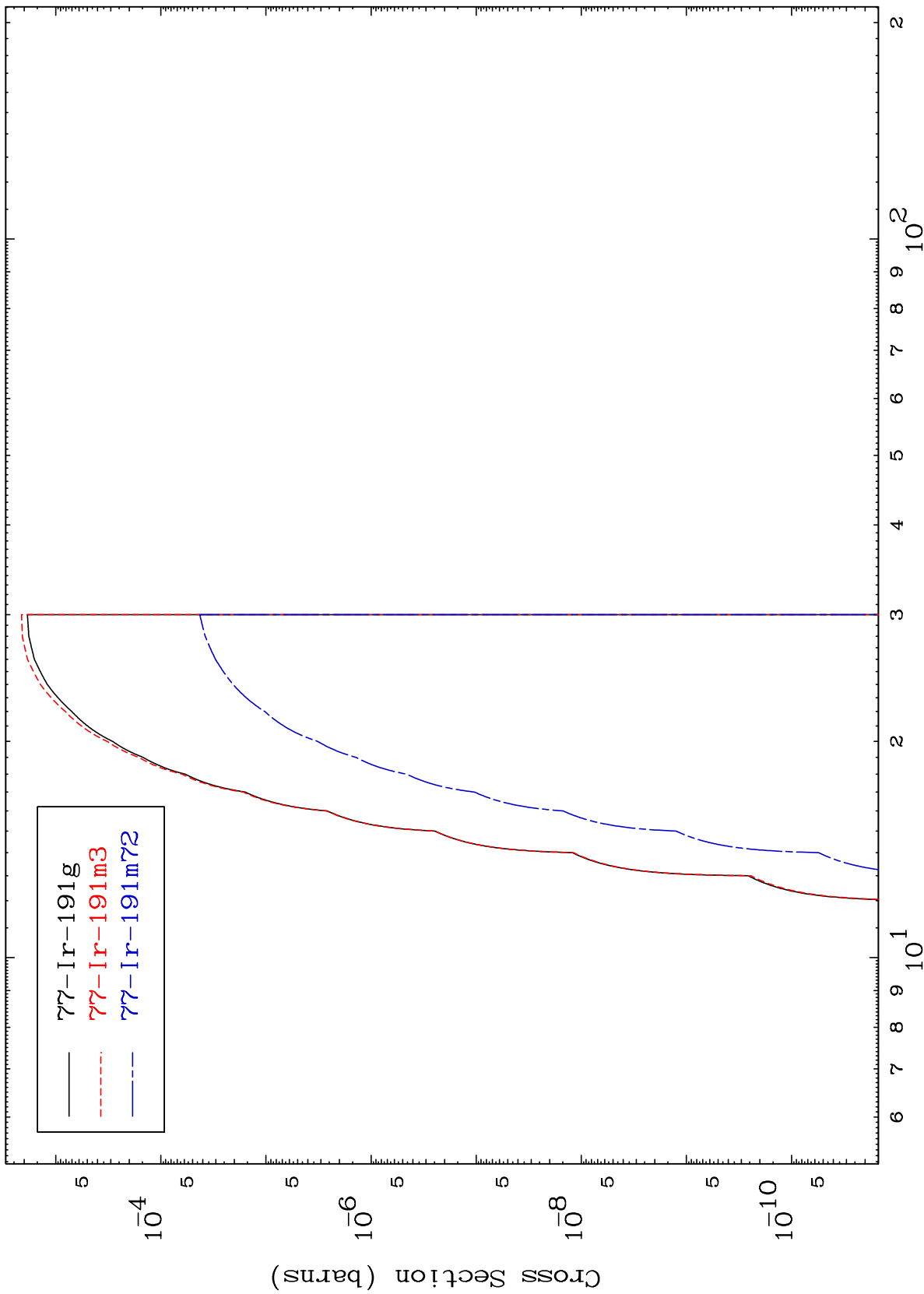
Incident Energy (MeV)

⁷⁷Ir-193m

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⁷⁷Ir-193m

Radionuclide Production Cross Section (n,t)



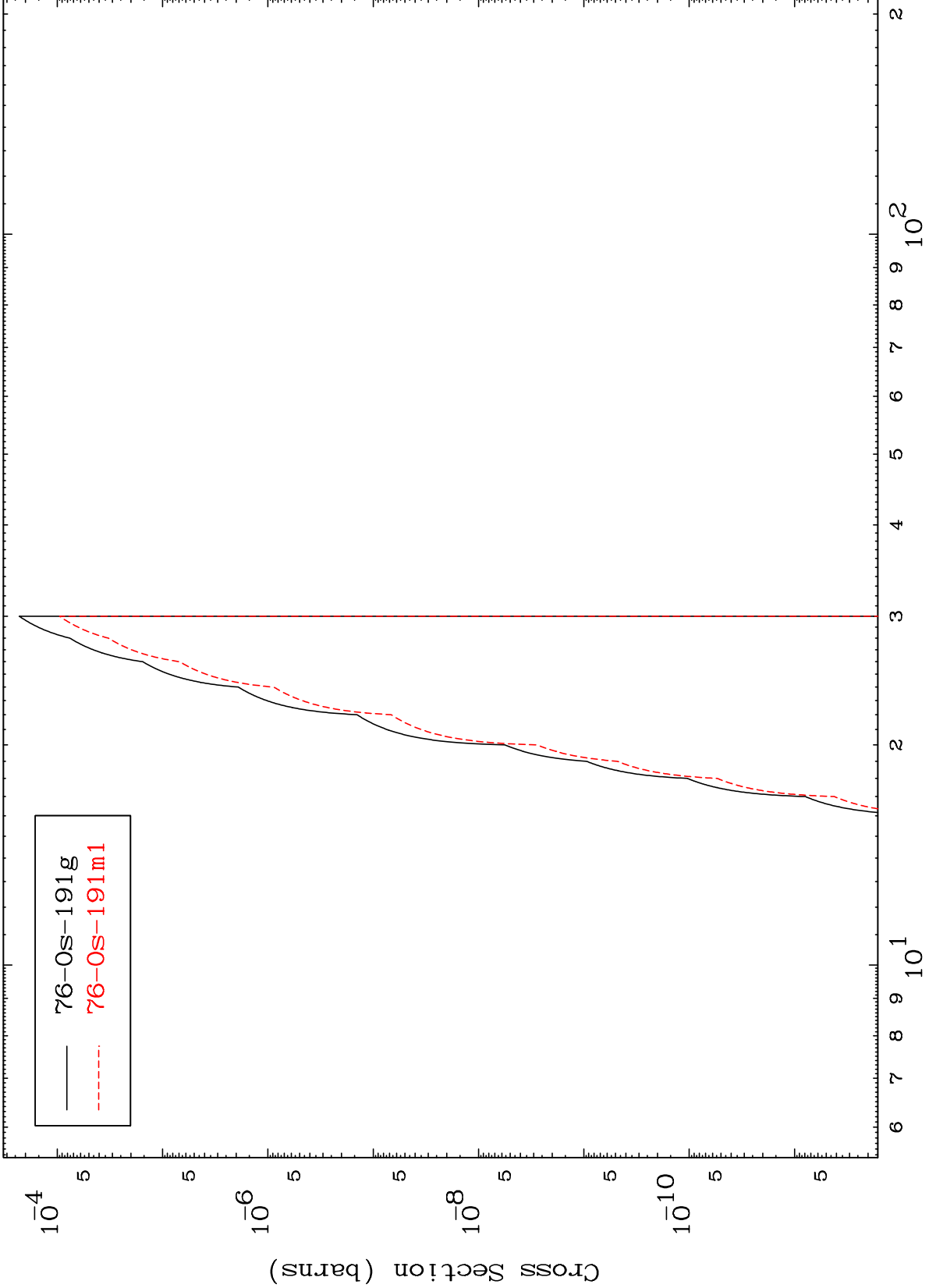
Legend:
— 77Ir-191g
— 77Ir-191m3
- - 77Ir-191m72

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(n,He-3)

⁷⁷Ir-193m

Radionuclide Production Cross Section



— 76-Os-191g
- - - 76-Os-191m1

27

Incident Energy (MeV)

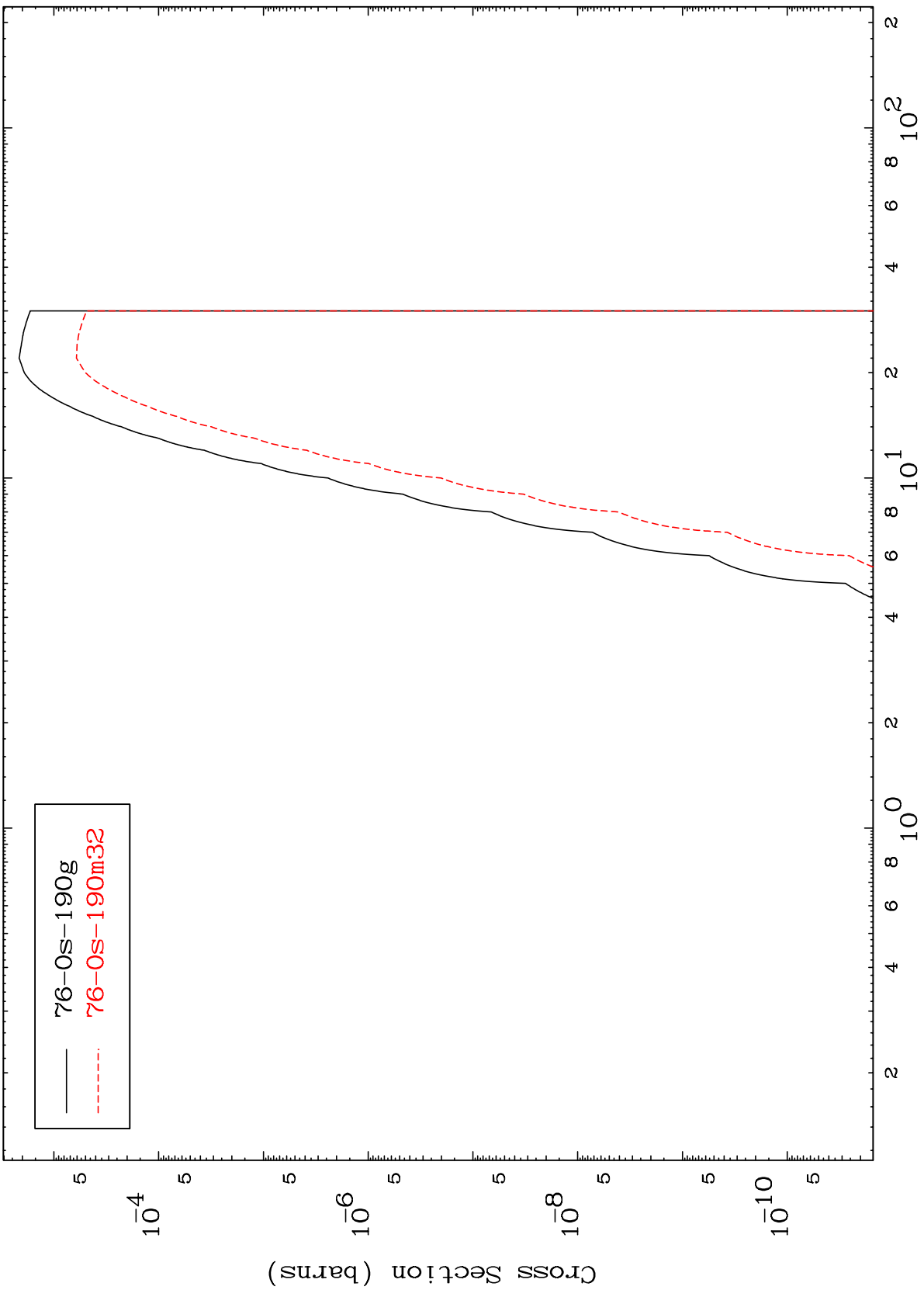
⁷⁷Ir-193m

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(n, α)

⁷⁷Ir-193m

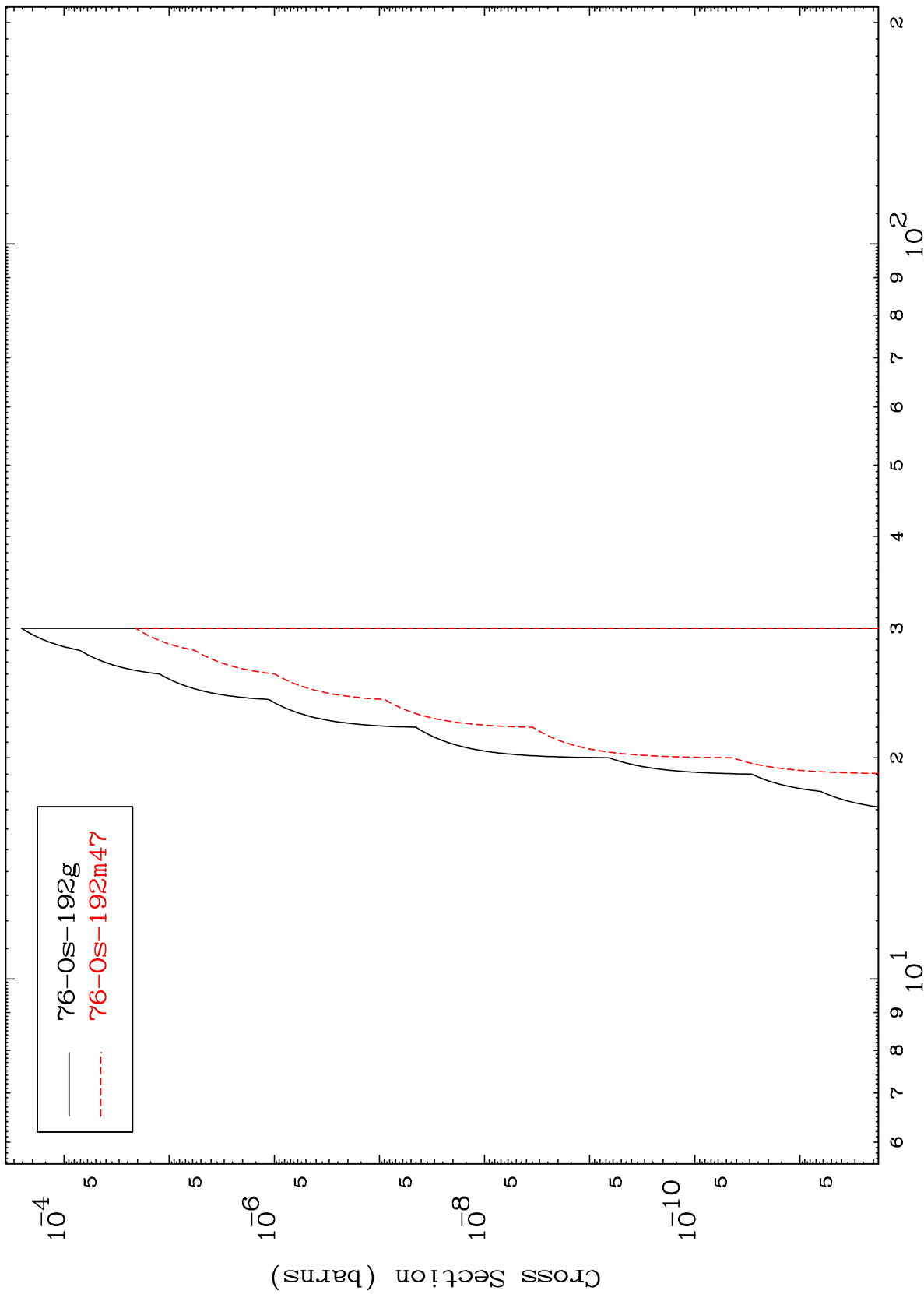
Radionuclide Production Cross Section



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77-Ir-193m

(n,2p)
Radionuclide Production Cross Section



— 76-Os-192g
- - - 76-Os-192m47

29

Incident Energy (MeV)

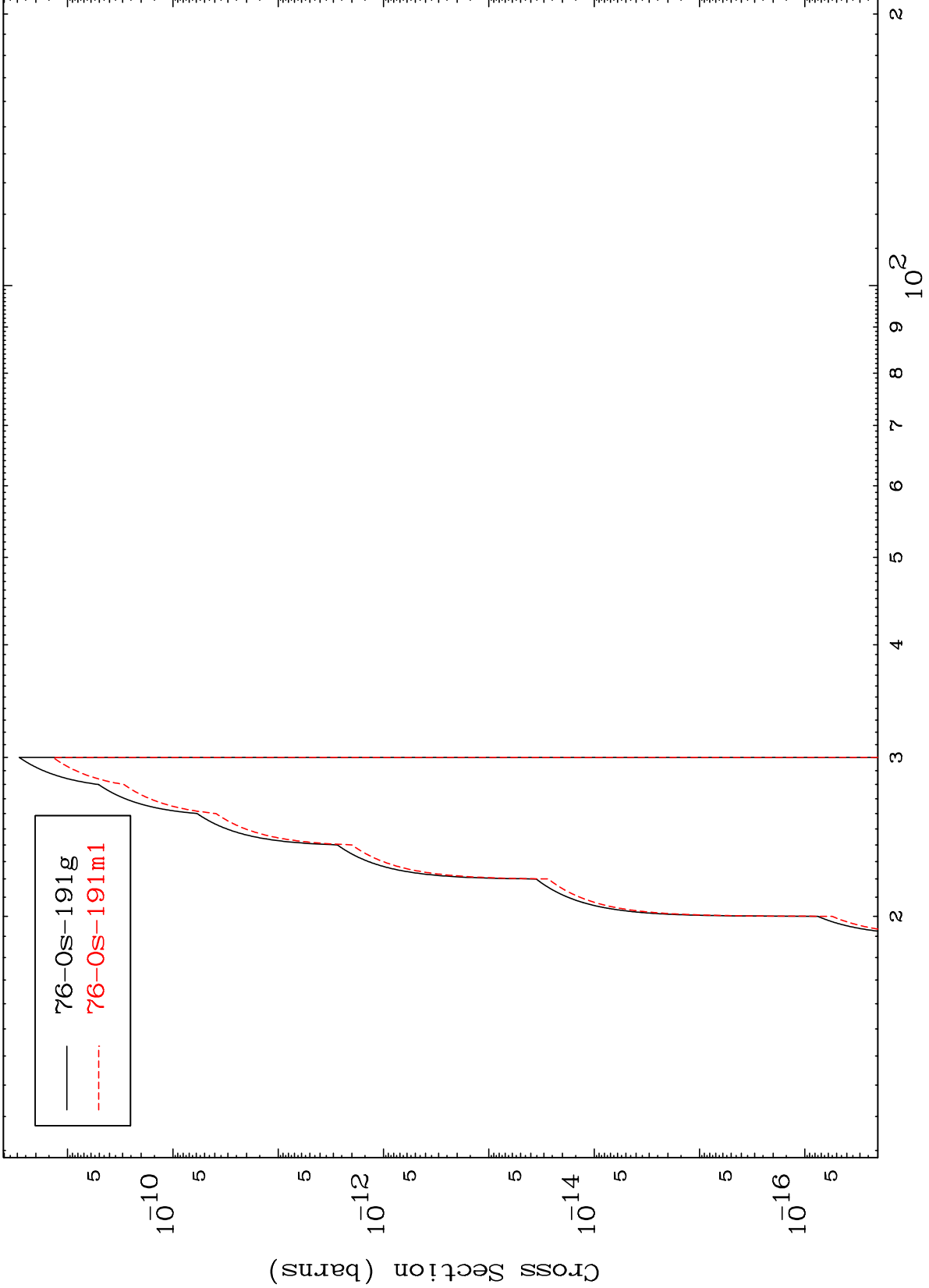
77-Ir-193m

MAT 7732

(n,p) d

⁷⁷Ir-193m

Radionuclide Production Cross Section

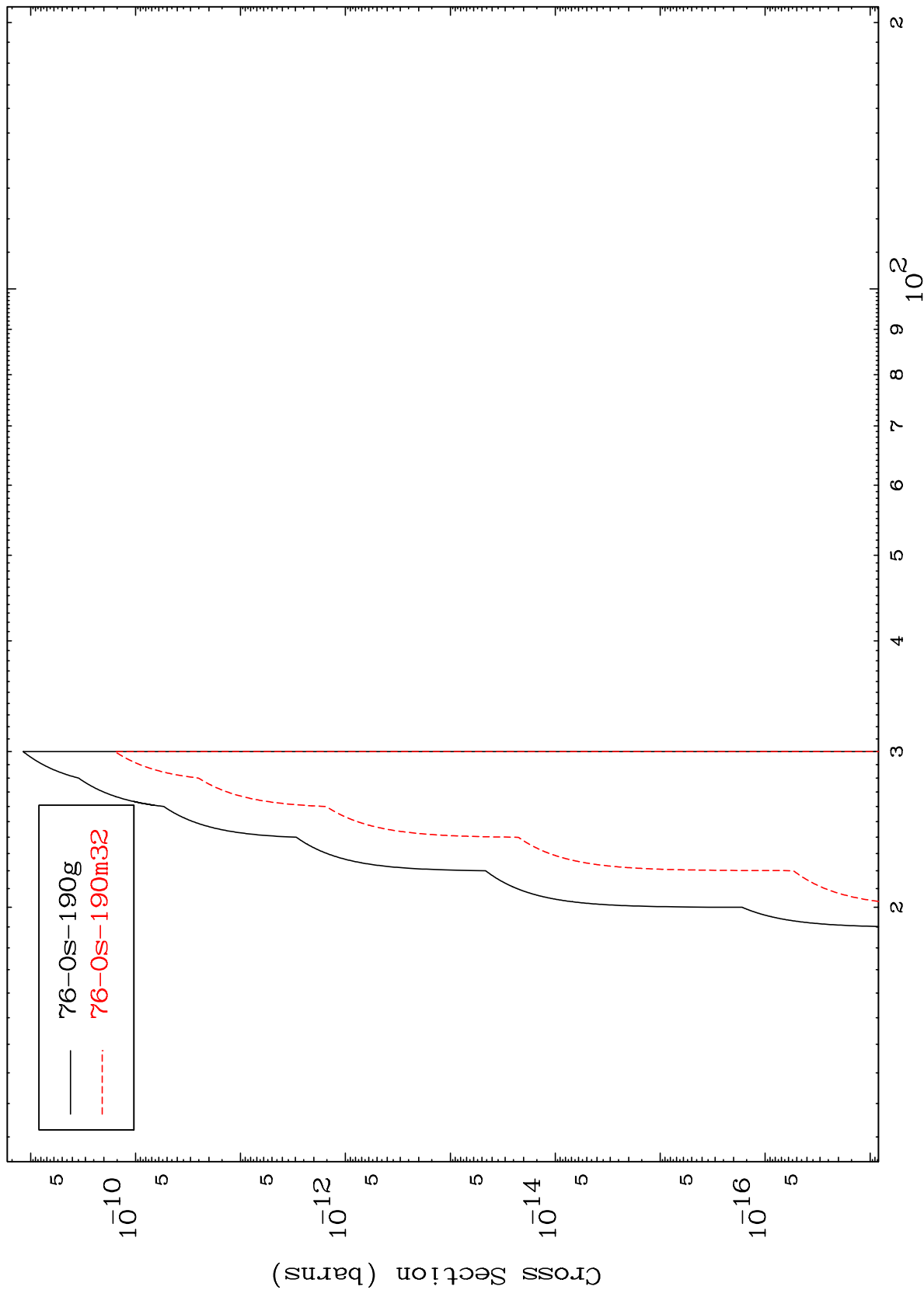


MAT 7732

(n,p) t

⁷⁷Ir-193m

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-193m