

Program EVALPLOT
(Version 2021-1)

by

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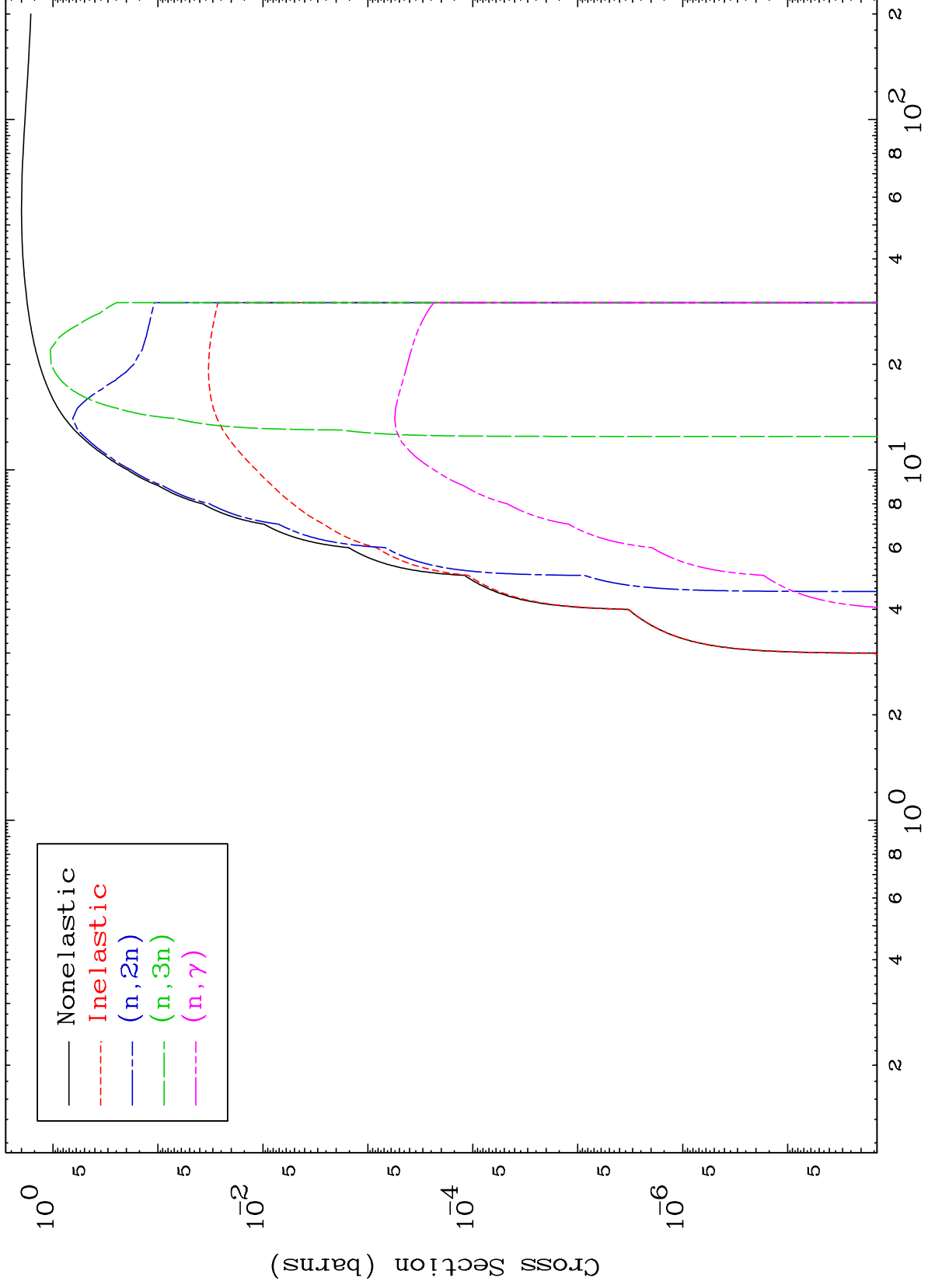
Press Mouse Button to Start

MAT 7743

Proton Major

77-Ir-197

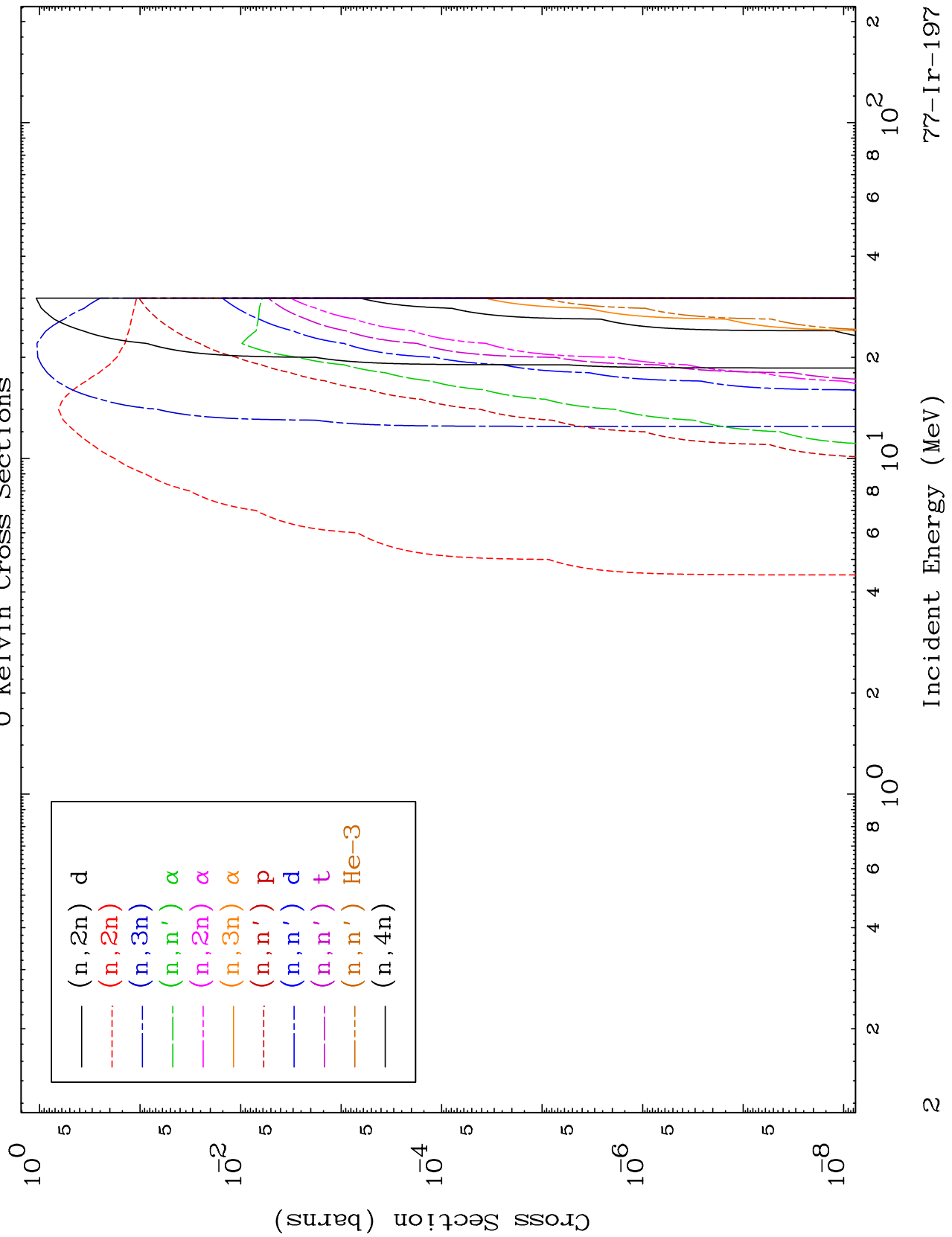
0 Kelvin Cross Sections

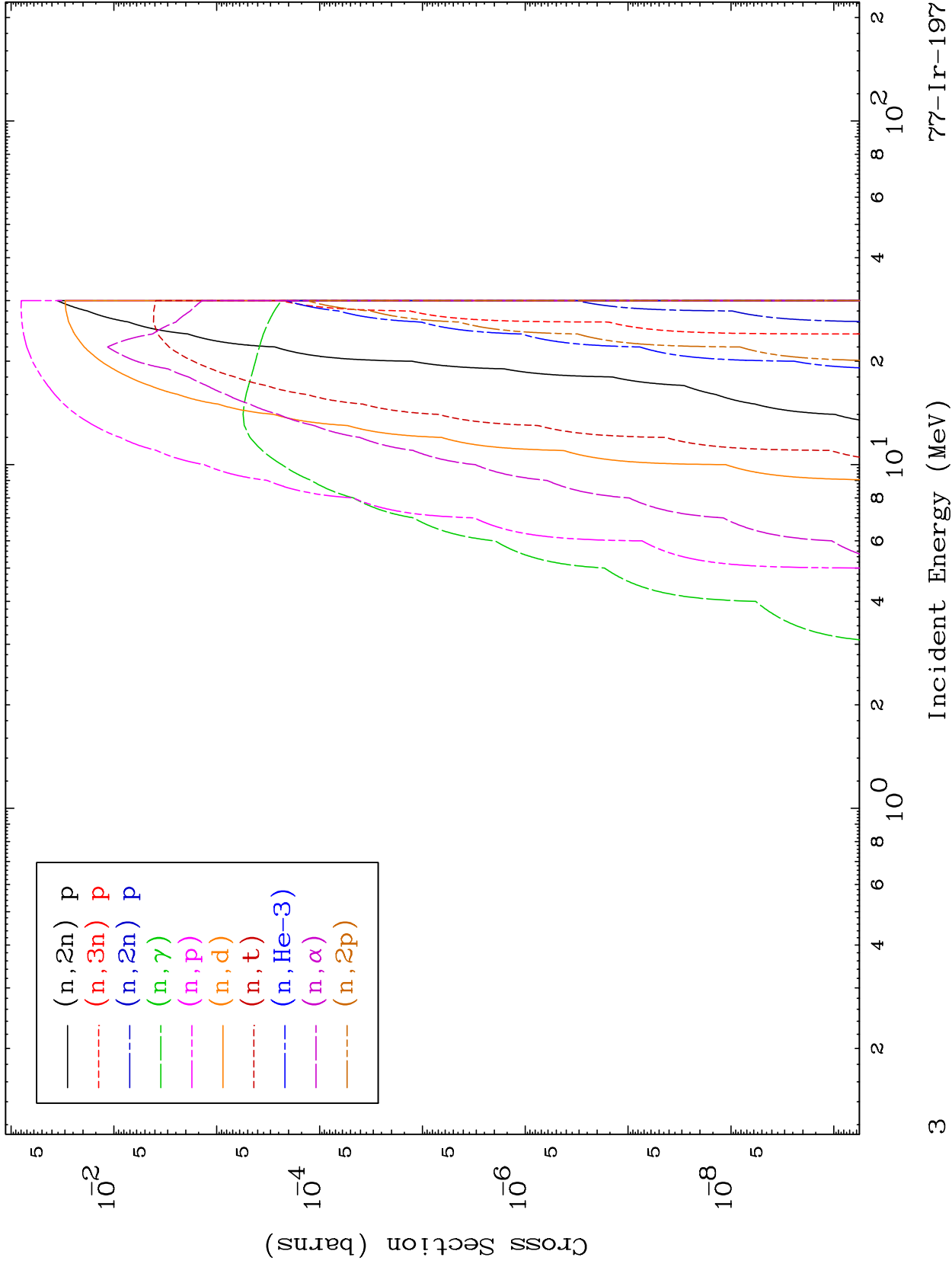


MAT 7743

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197

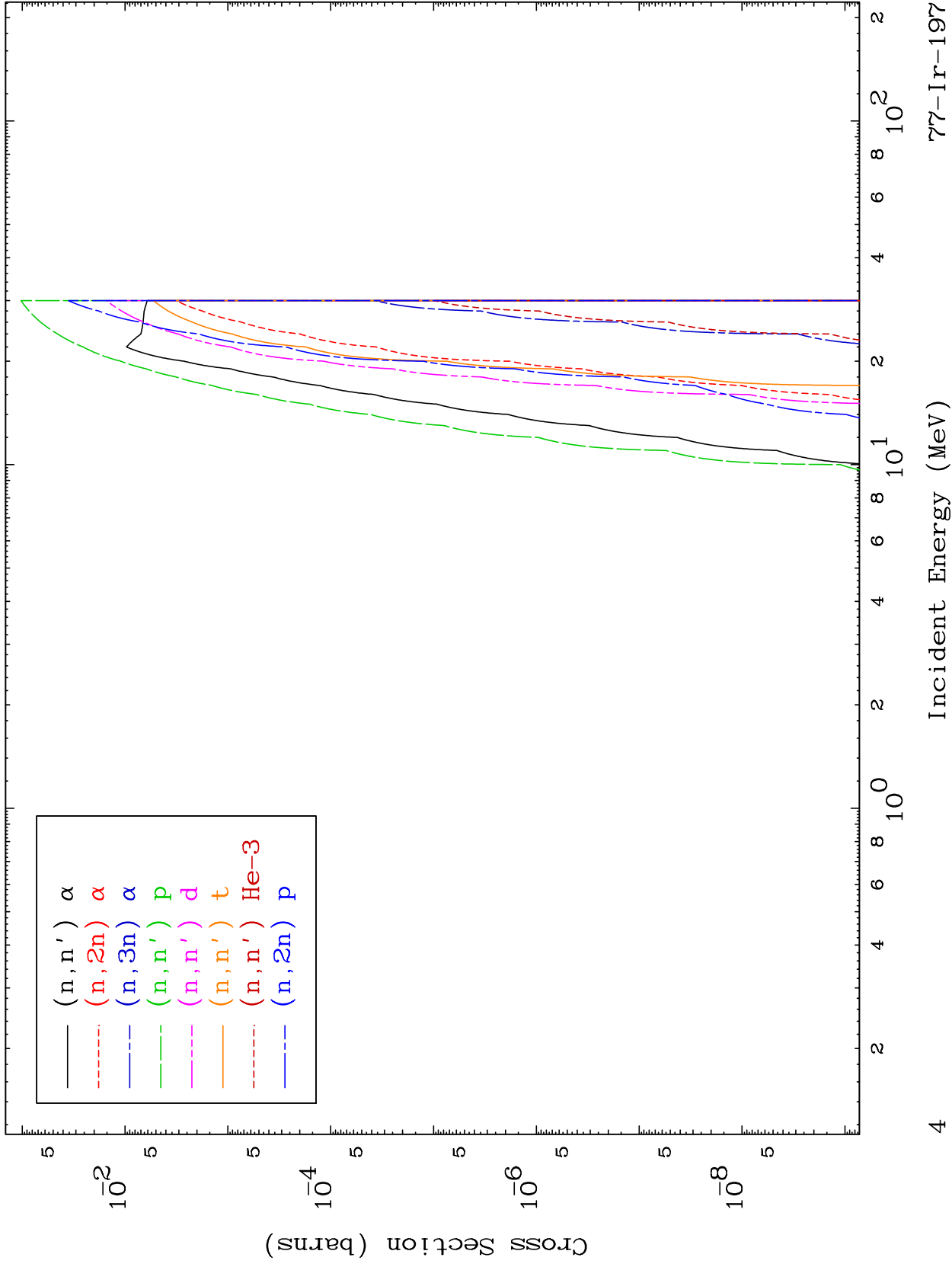


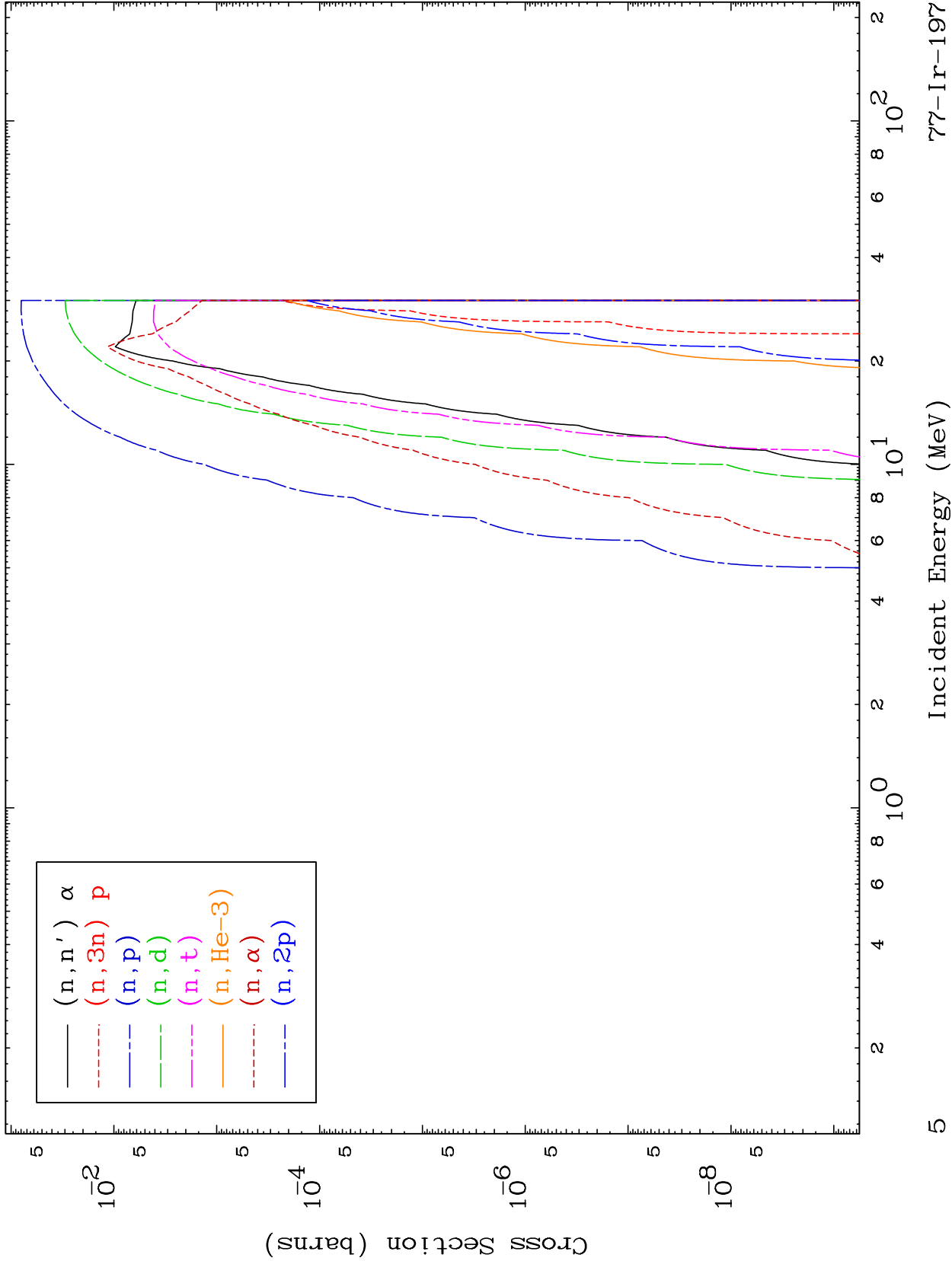


MAT 7743

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-197



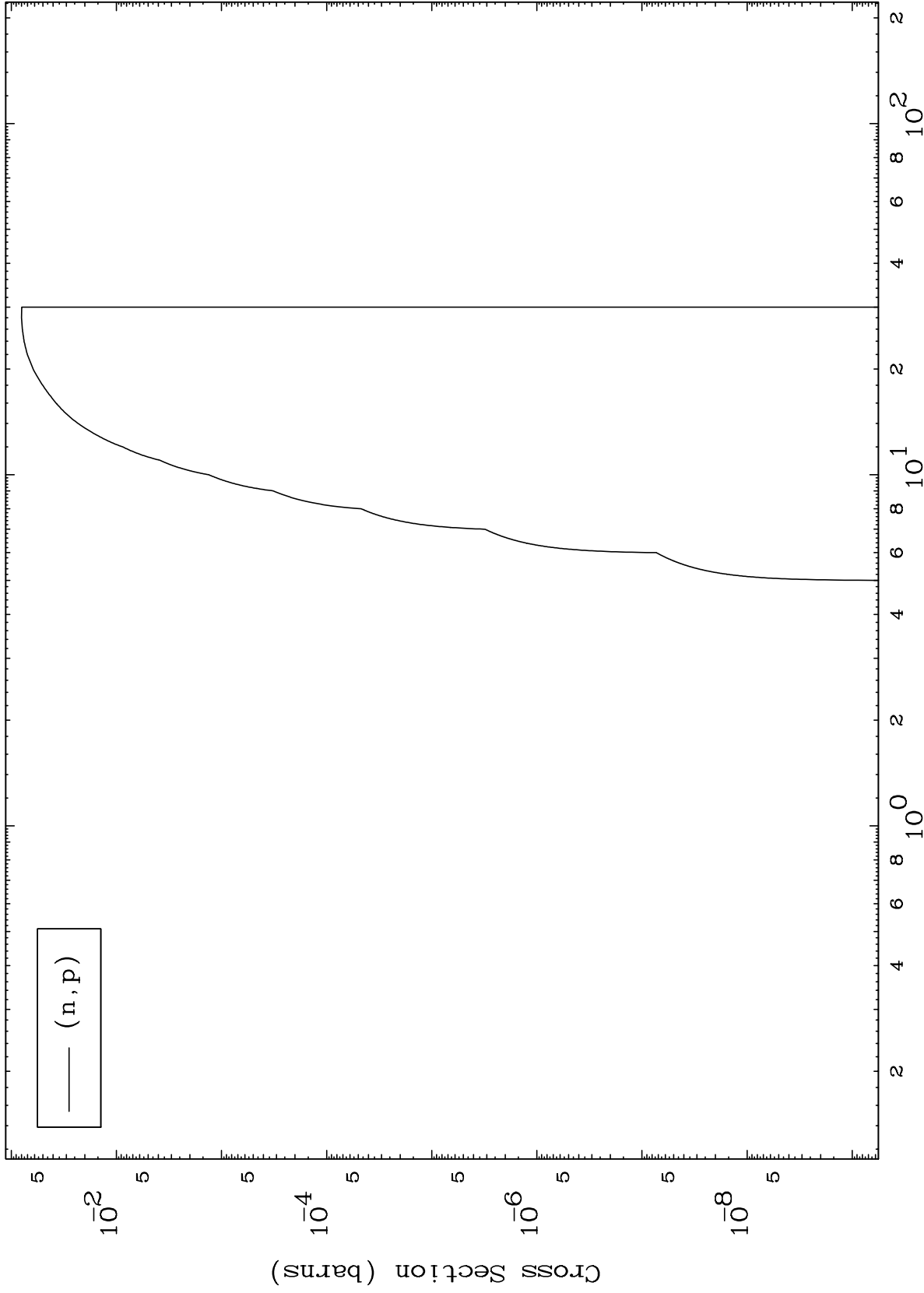


MAT 7743

(p,p) Levels

77-Ir-197

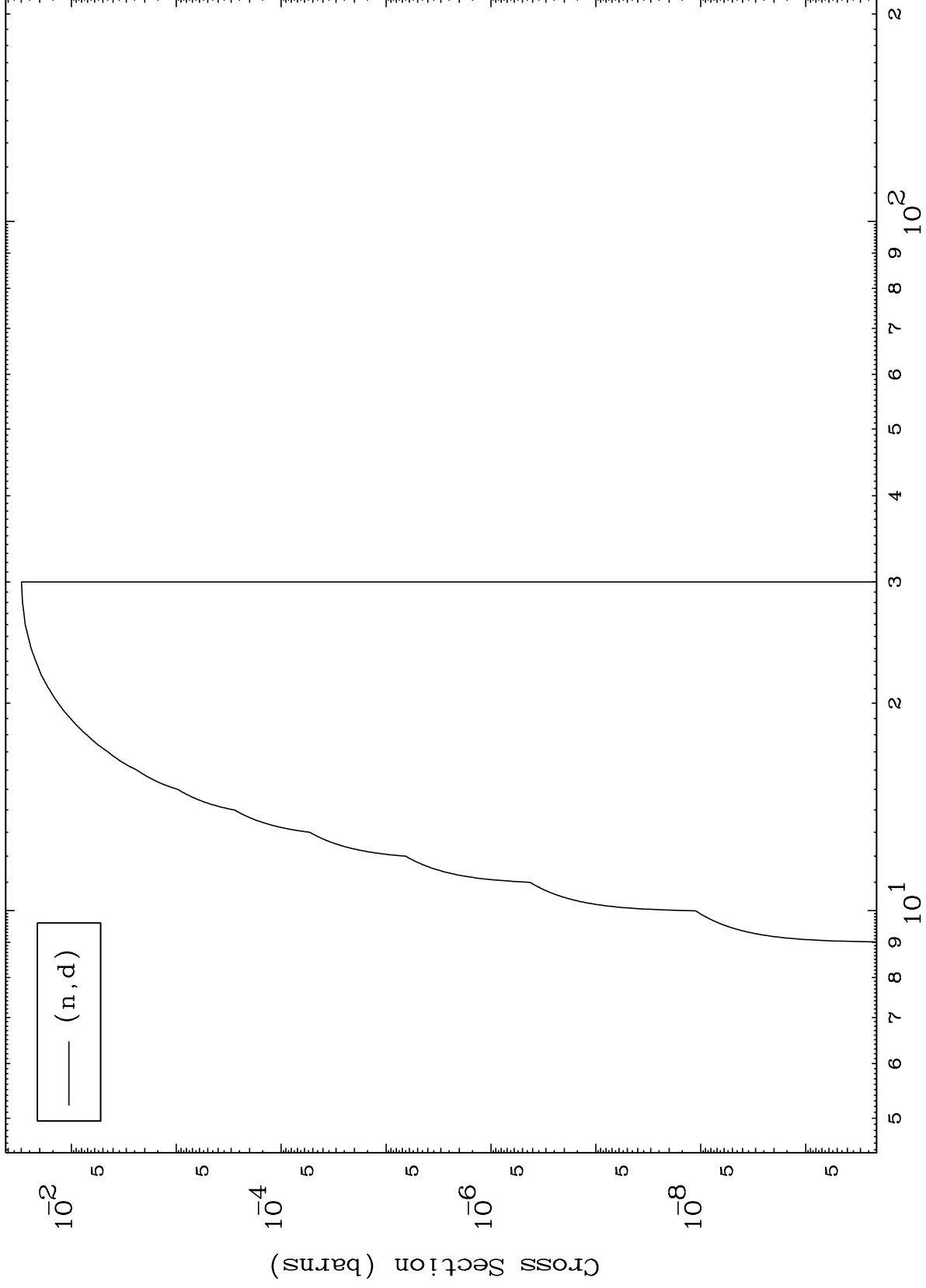
0 Kelvin Cross Sections



MAT 7743

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-197



7

Incident Energy (MeV)

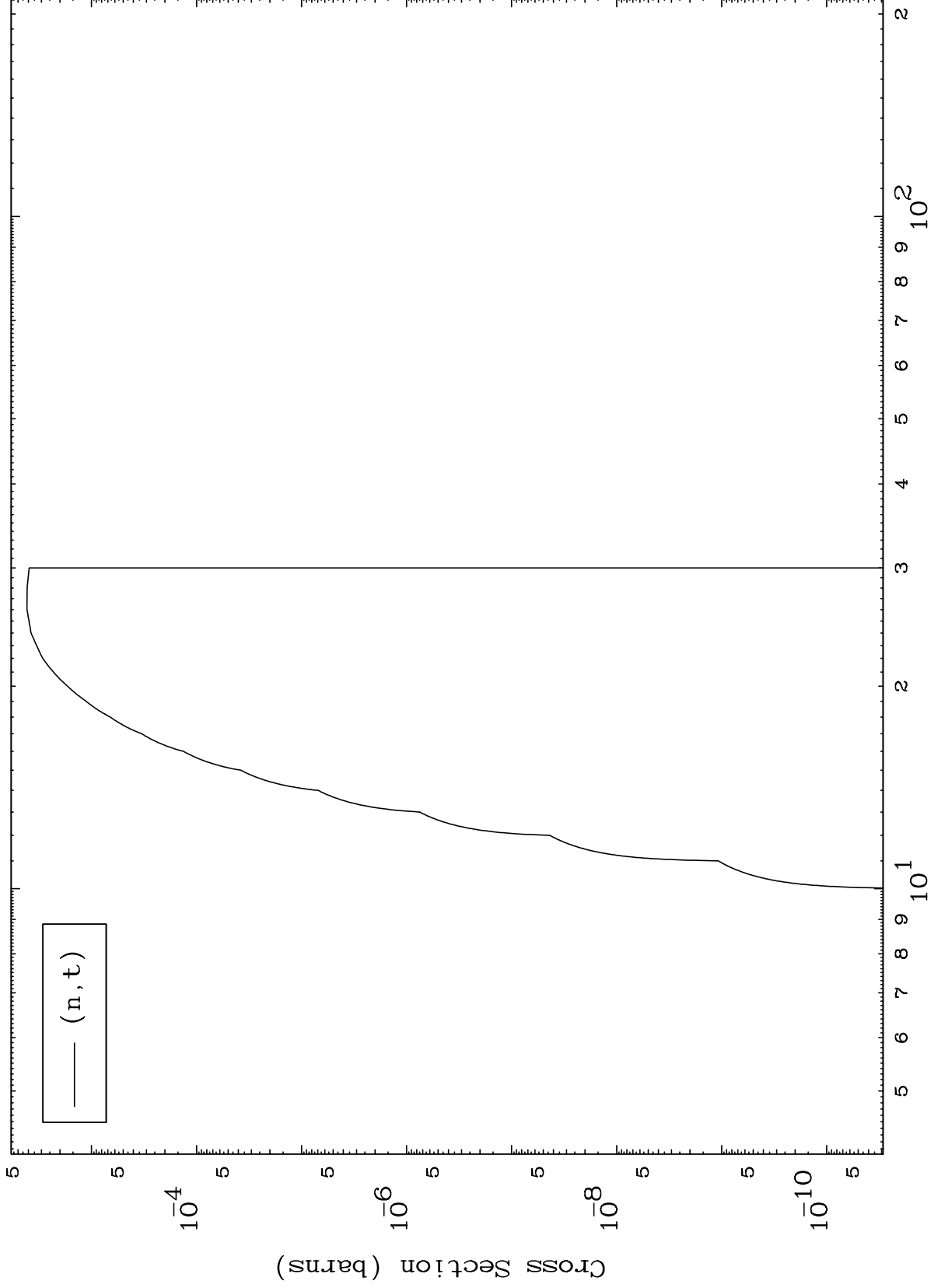
77-Ir-197

MAT 7743

(p, t) Levels

77-Ir-197

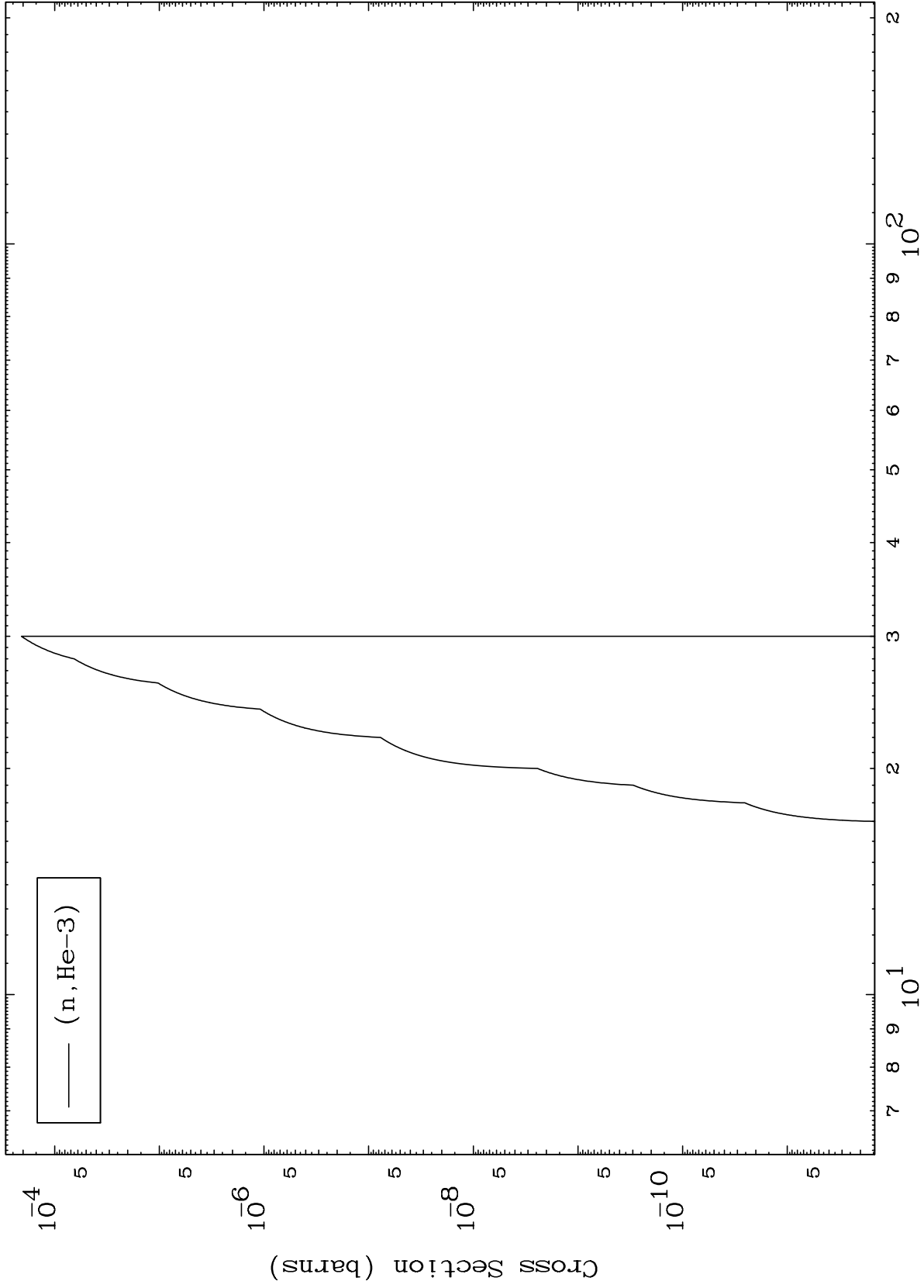
0 Kelvin Cross Sections



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77-Ir-197

(p,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

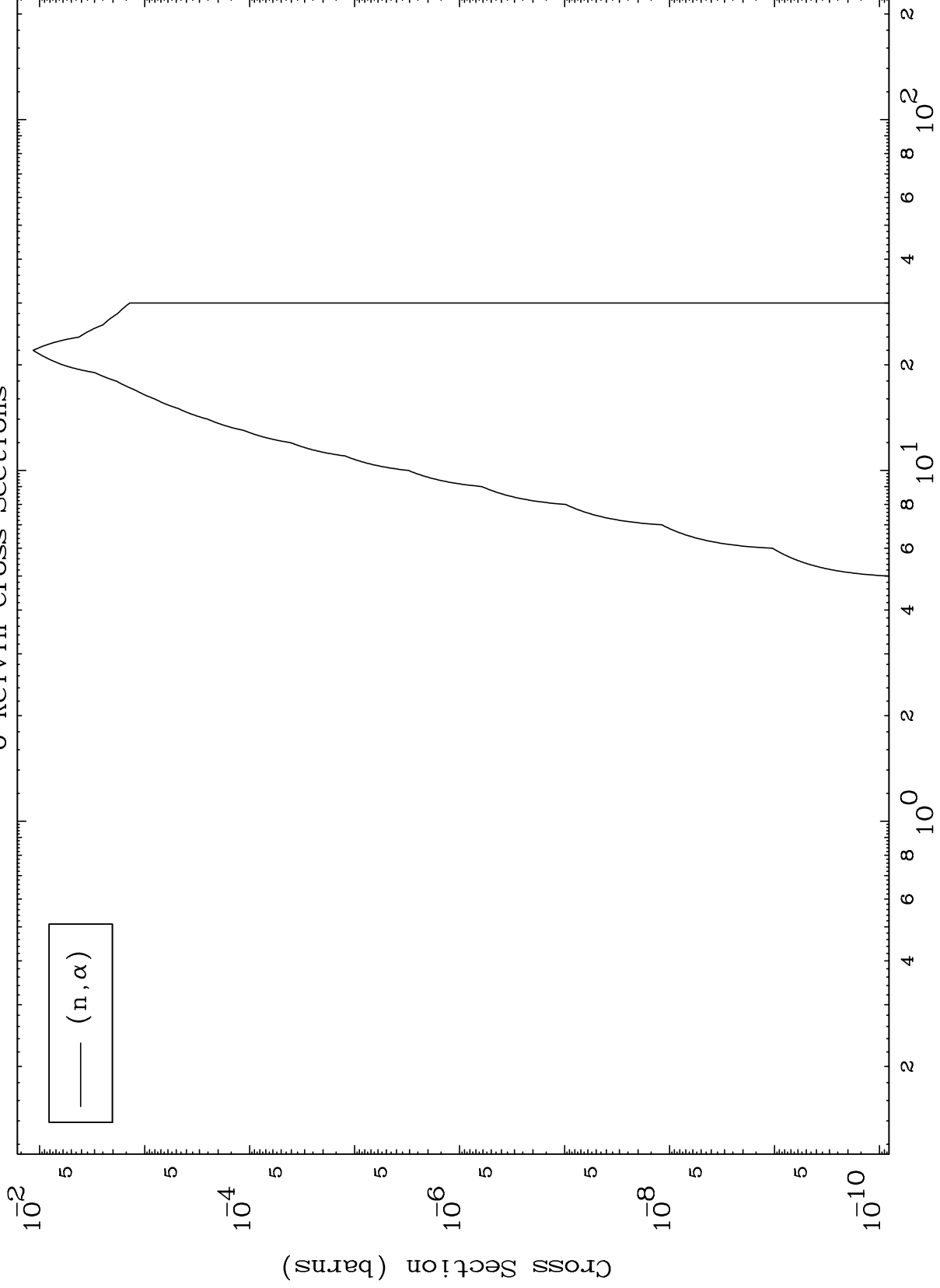
77-Ir-197

MAT 7743

(p, α) Levels

77-Ir-197

0 Kelvin Cross Sections



10

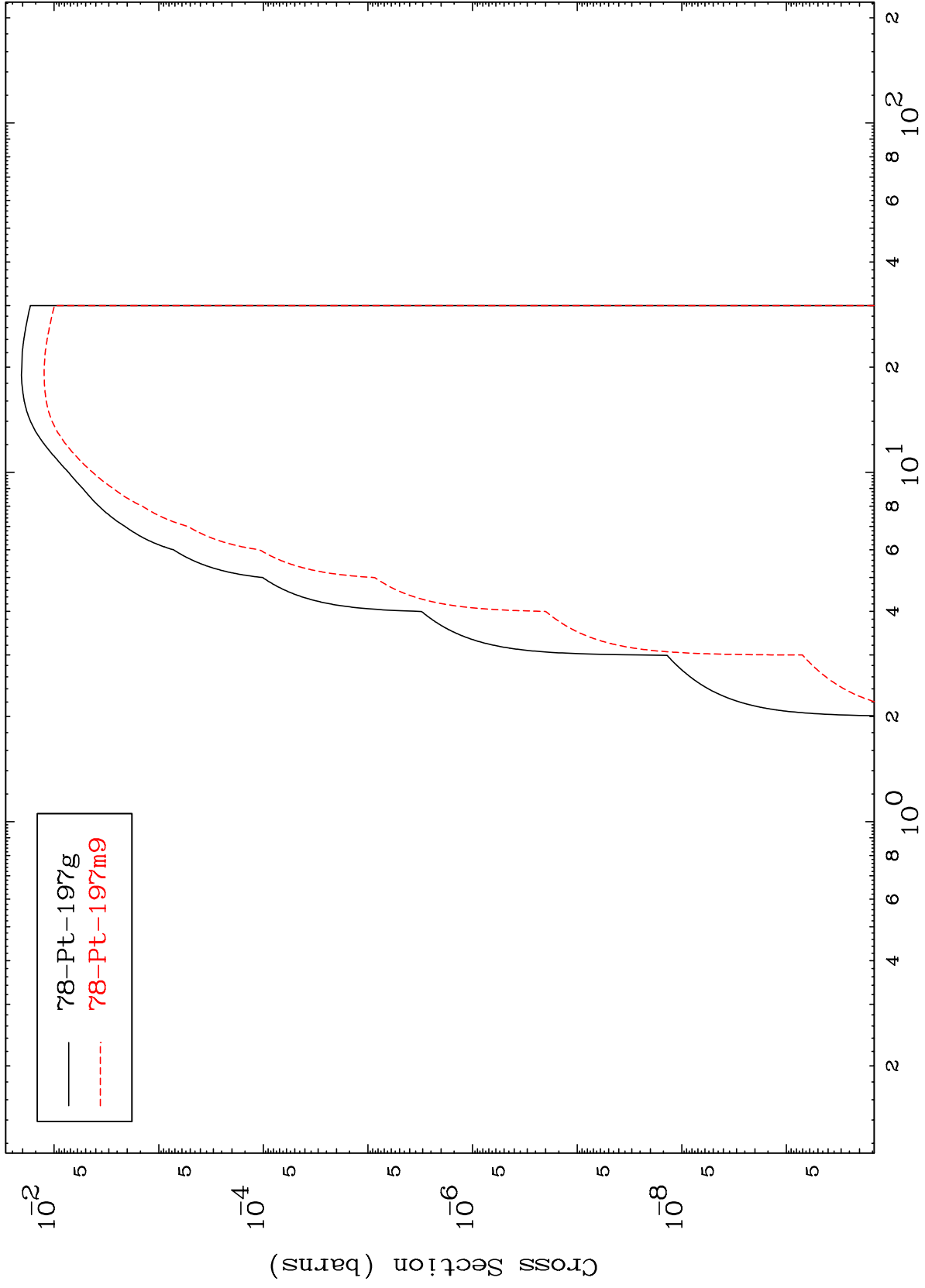
Incident Energy (MeV)

77-Ir-197

MAT 7743

77-Ir-197

Radionuclide Production Cross Section

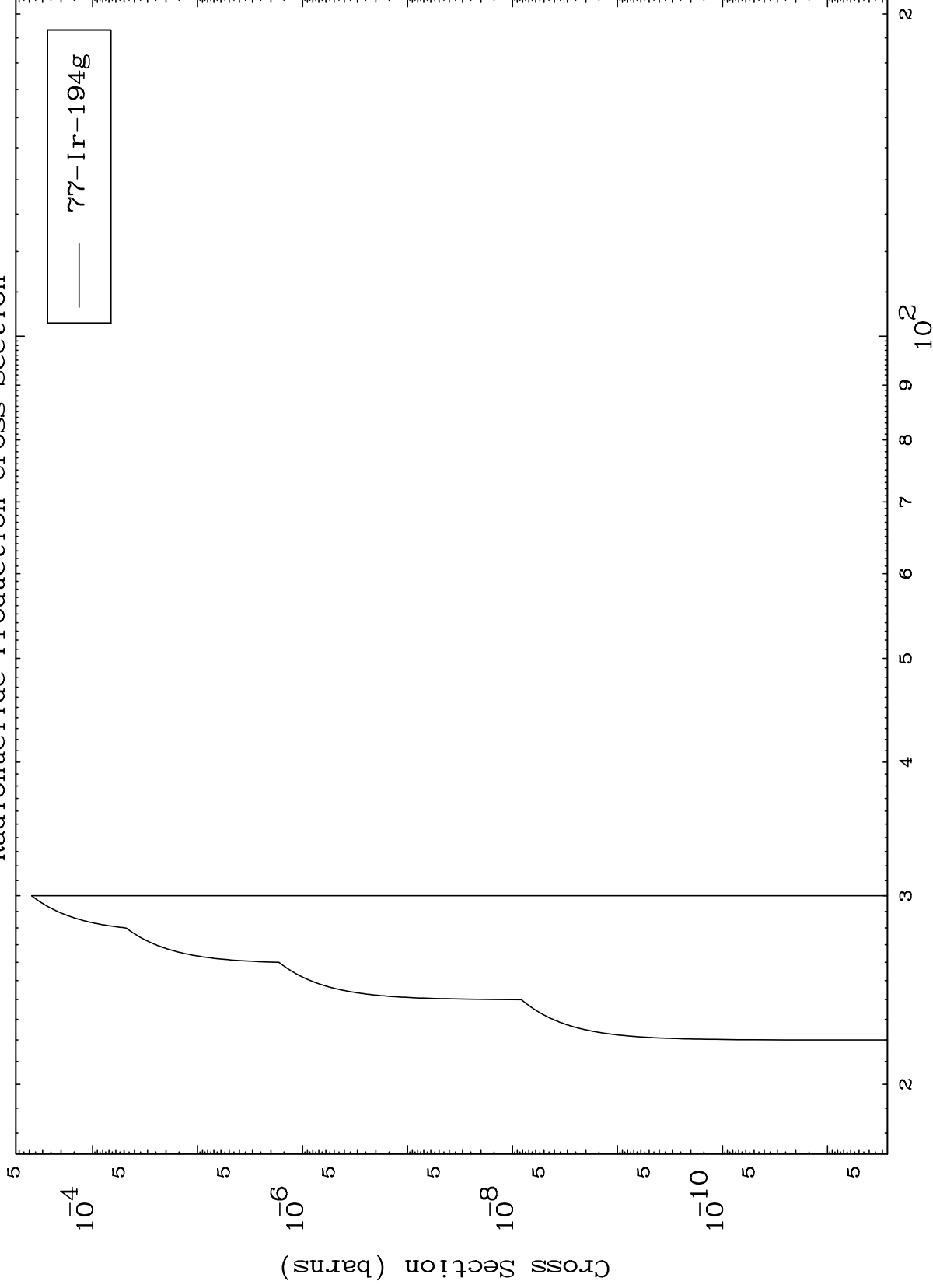


MAT 7743

(n,2n) d

77-Ir-197

Radionuclide Production Cross Section



12

Incident Energy (MeV)

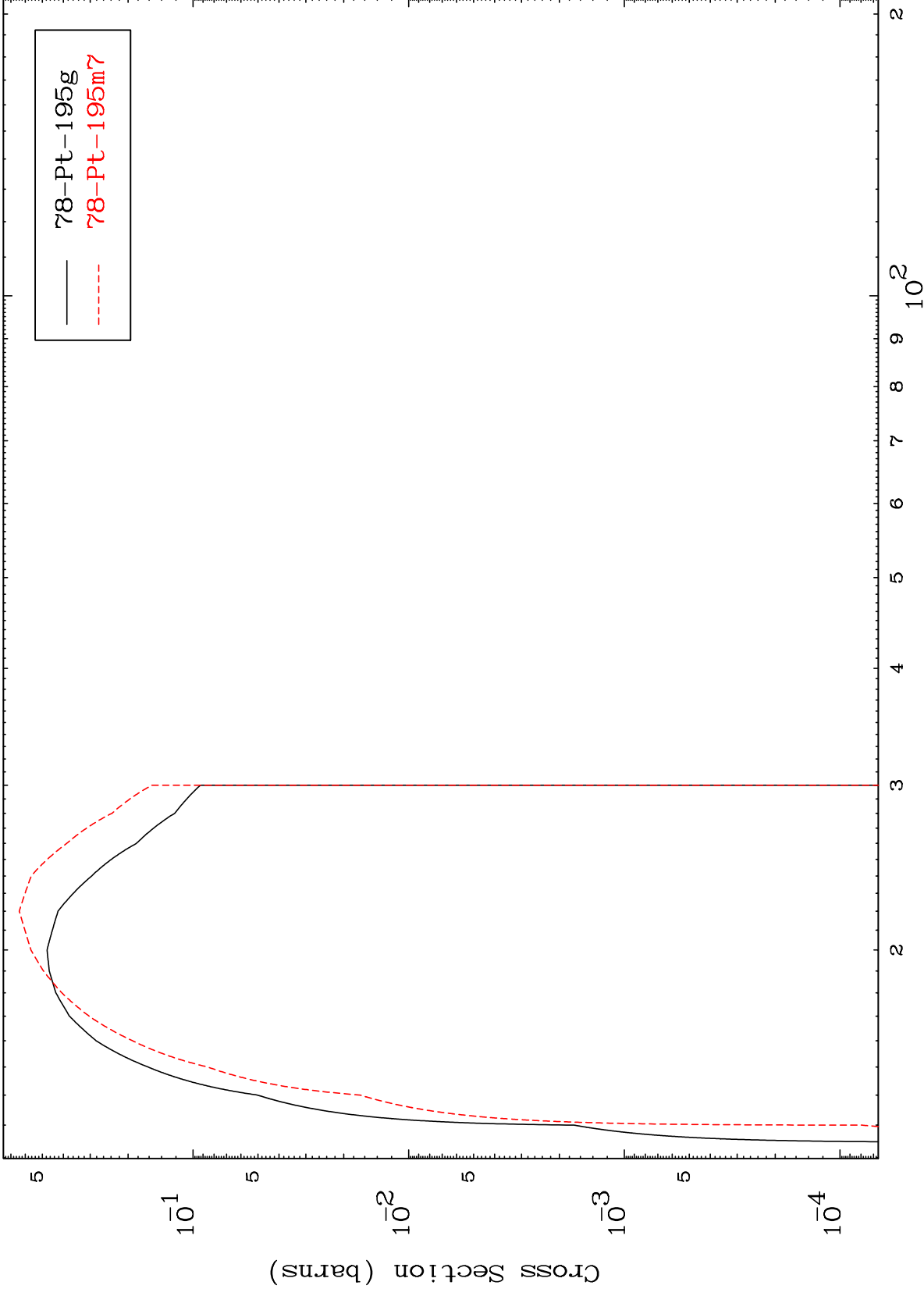
77-Ir-197

MAT 7743

(n,3n)

77-Ir-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

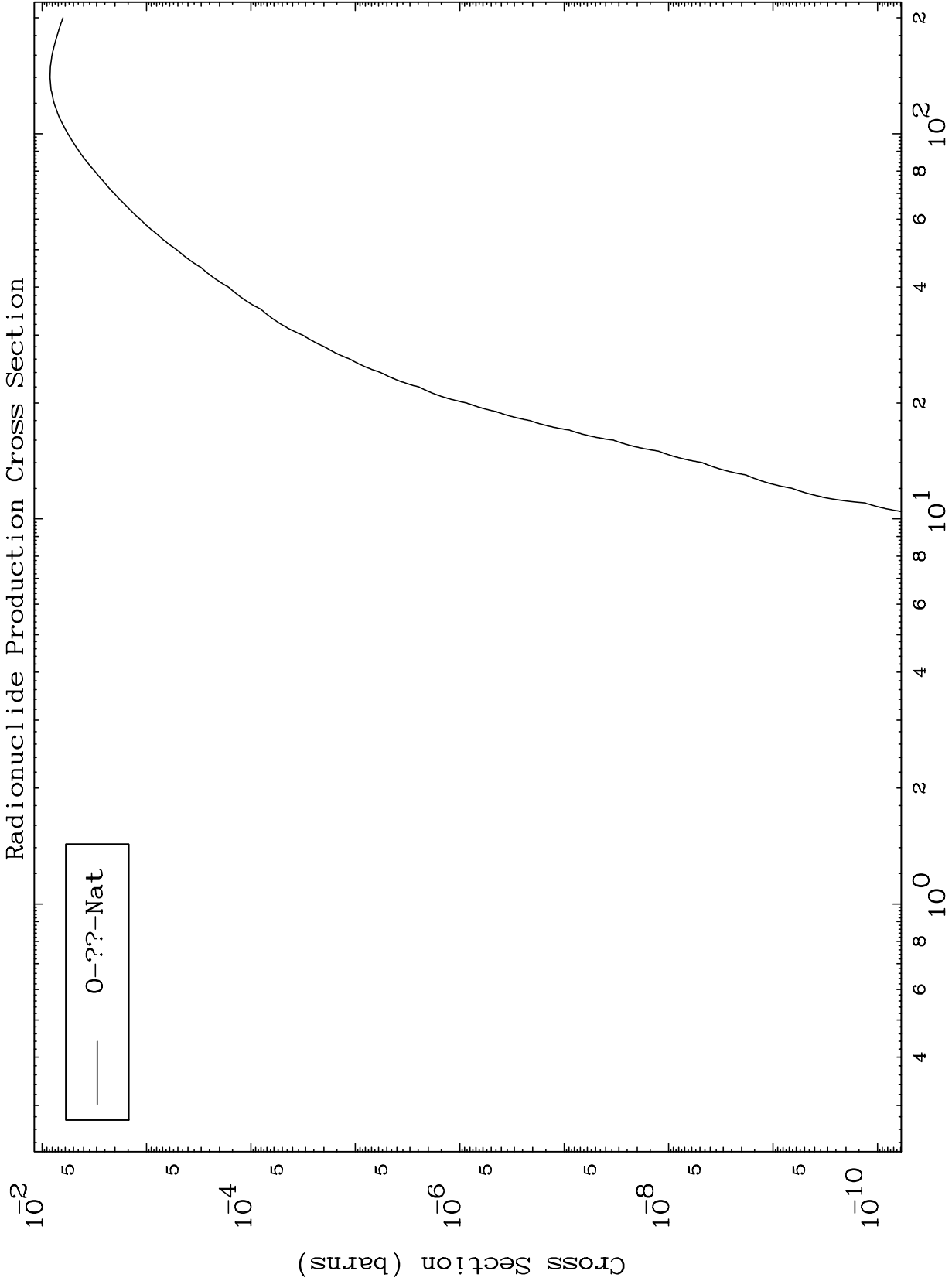
77-Ir-197

MAT 7743

Fission

77-Ir-197

Radionuclide Production Cross Section

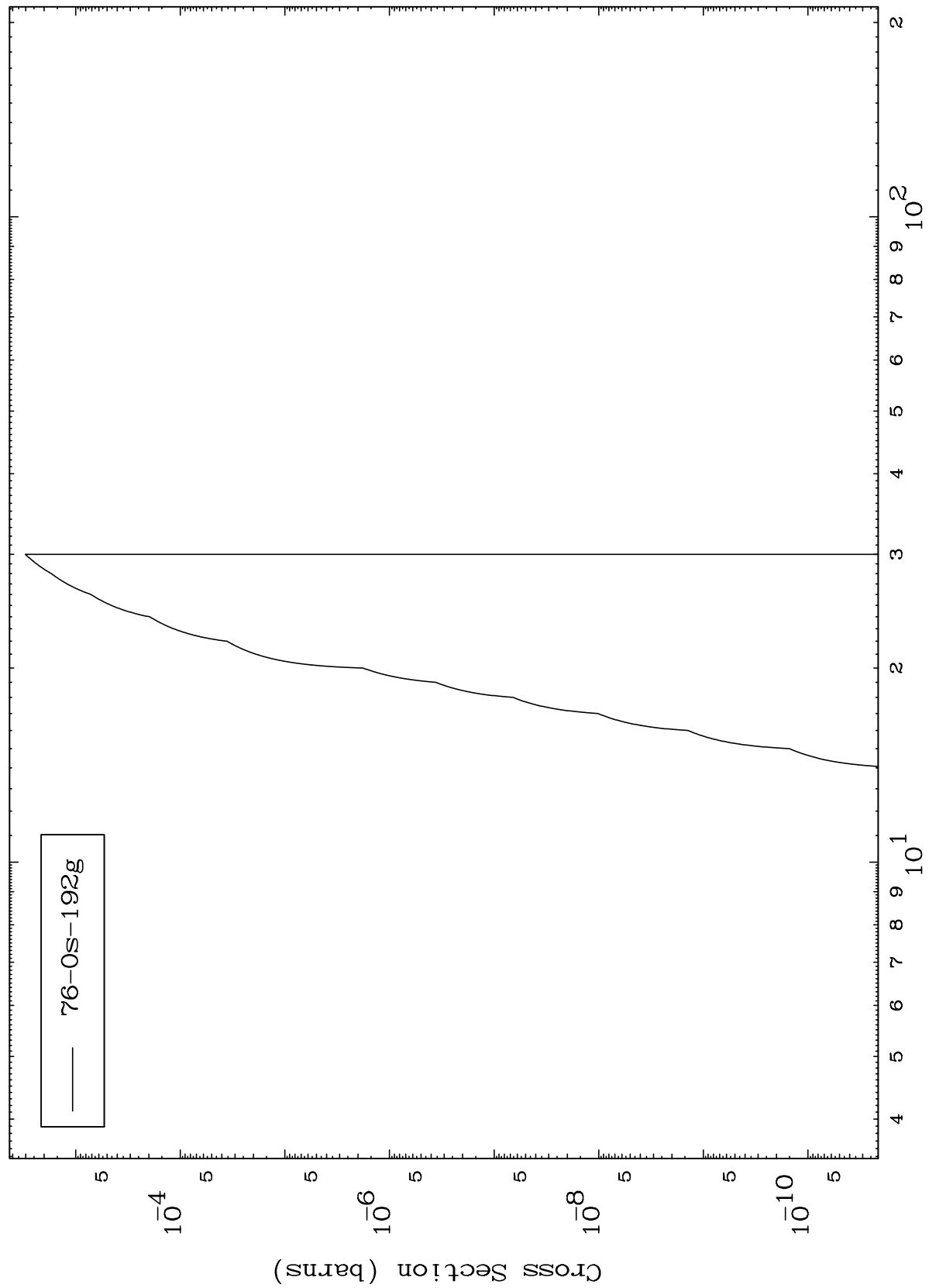


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^{76}Os $(n,2n)$ α

^{77}Ir -197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

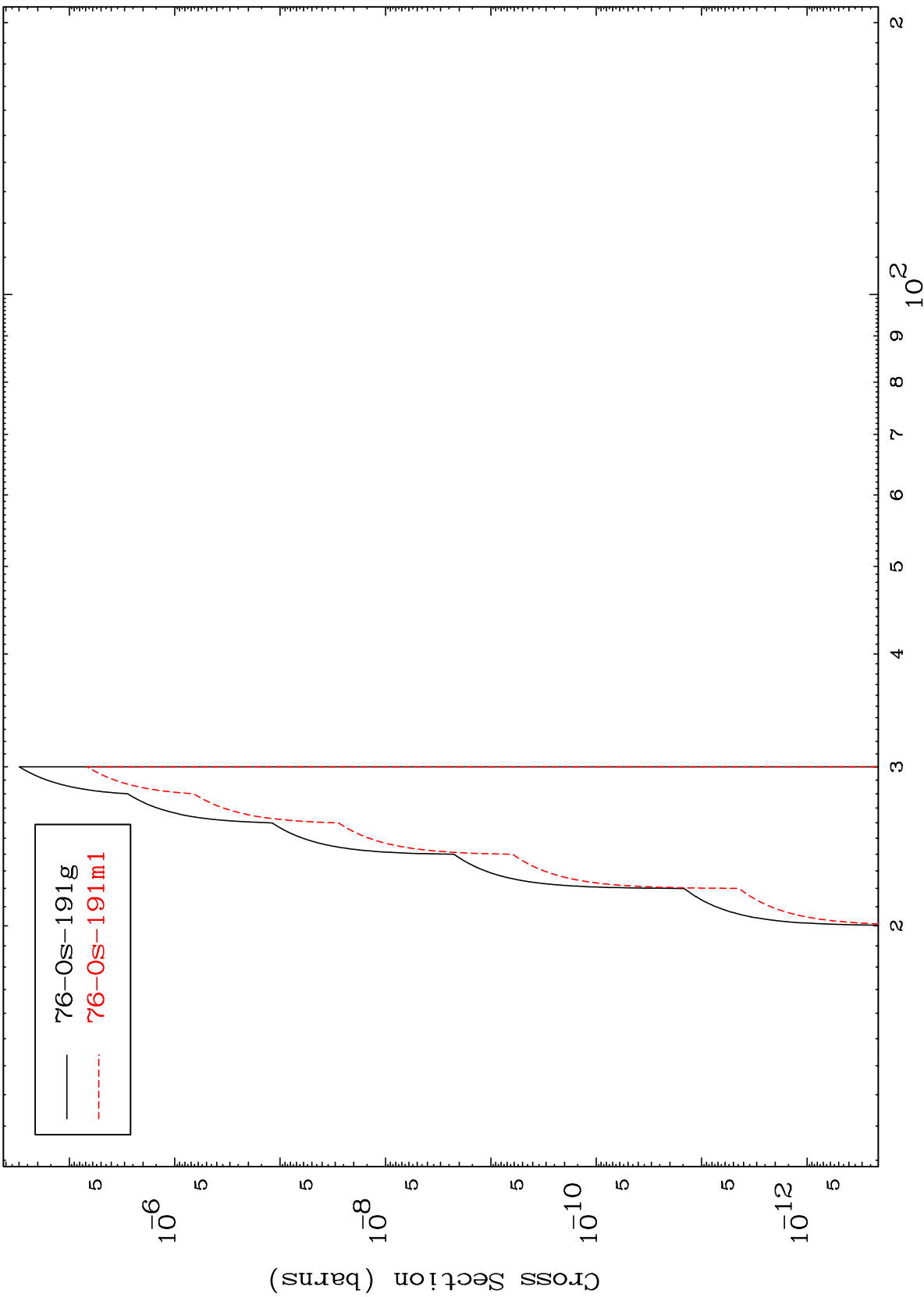
^{77}Ir -197

MAT 7743

(n,3n) α

⁷⁷Ir-197

Radionuclide Production Cross Section

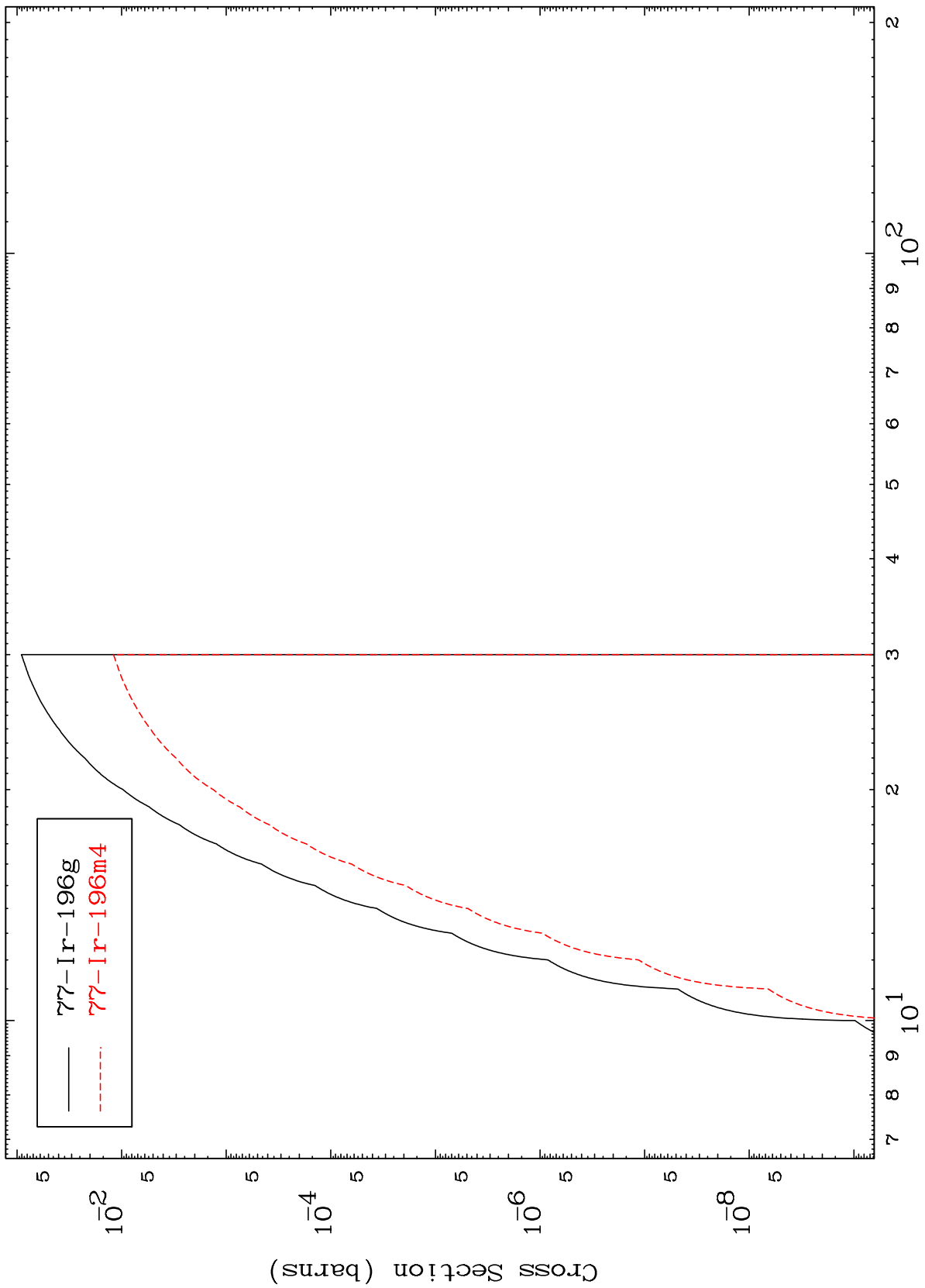


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(n,n') p

⁷⁷Ir-197

Radionuclide Production Cross Section



— ⁷⁷Ir-196g
- - - ⁷⁷Ir-196m4

17

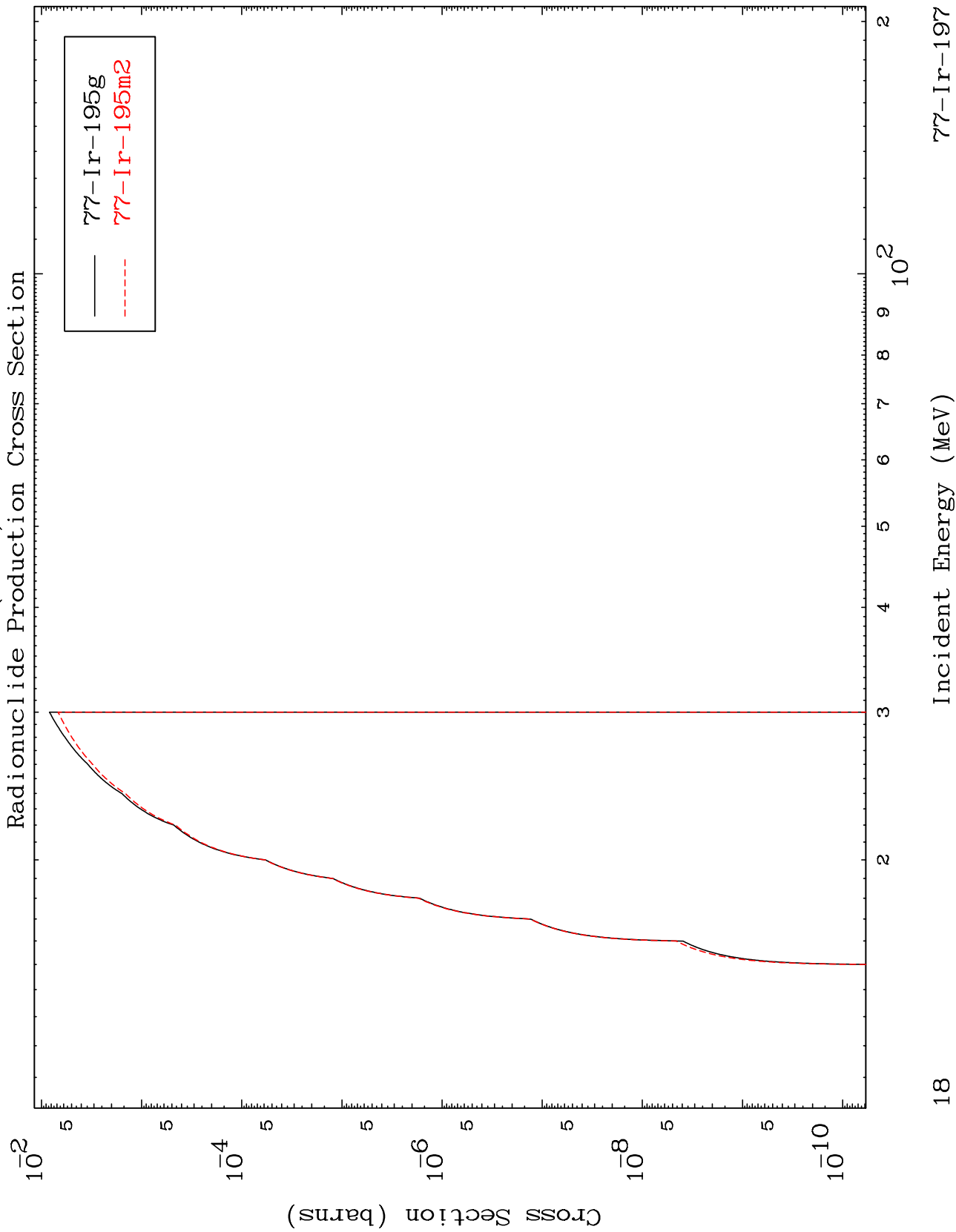
Incident Energy (MeV)

⁷⁷Ir-197

MAT 7743

(n,n') d

77-Ir-197



18

Incident Energy (MeV)

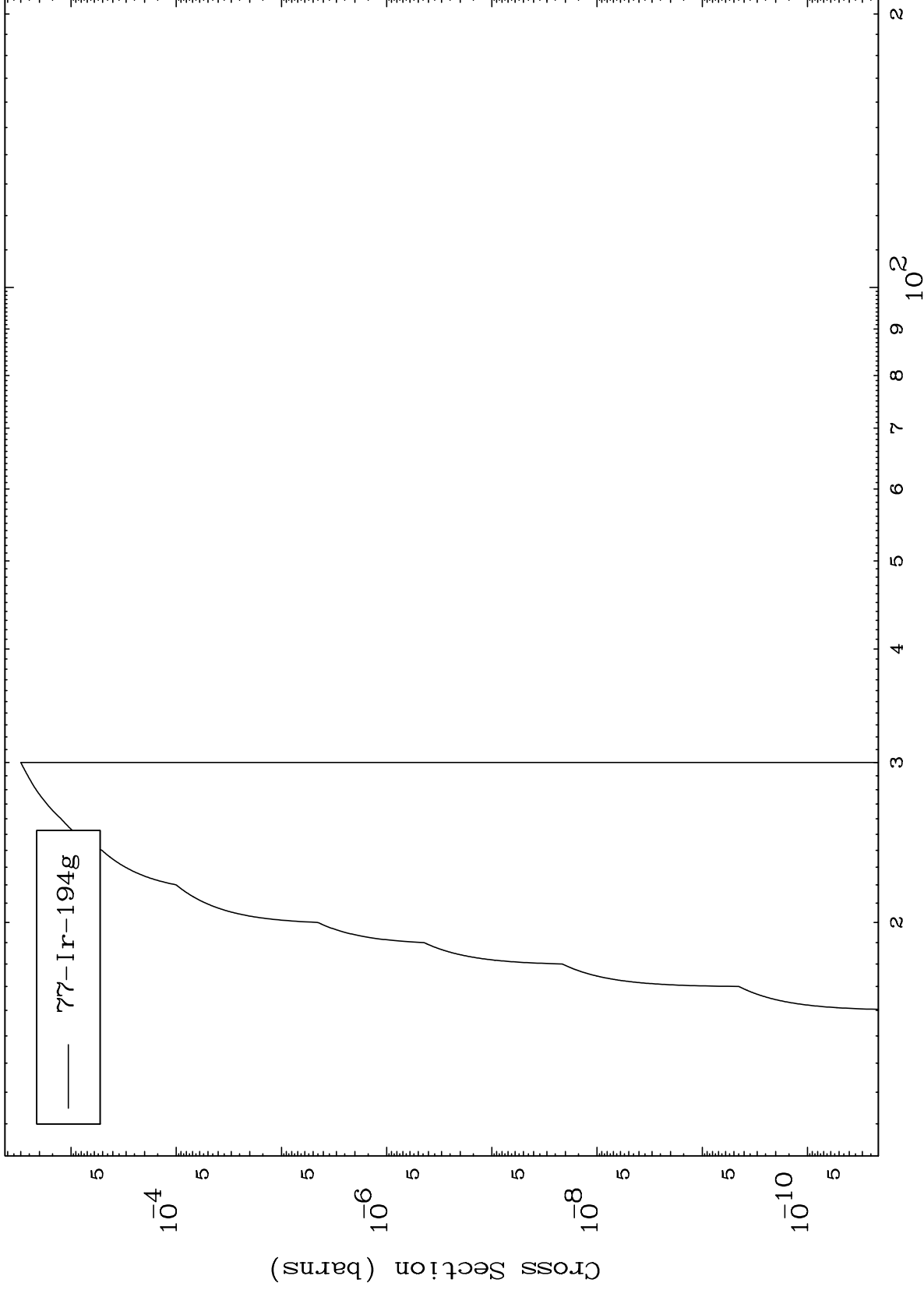
77-Ir-197

MAT 7743

(n,n') t

77-Ir-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

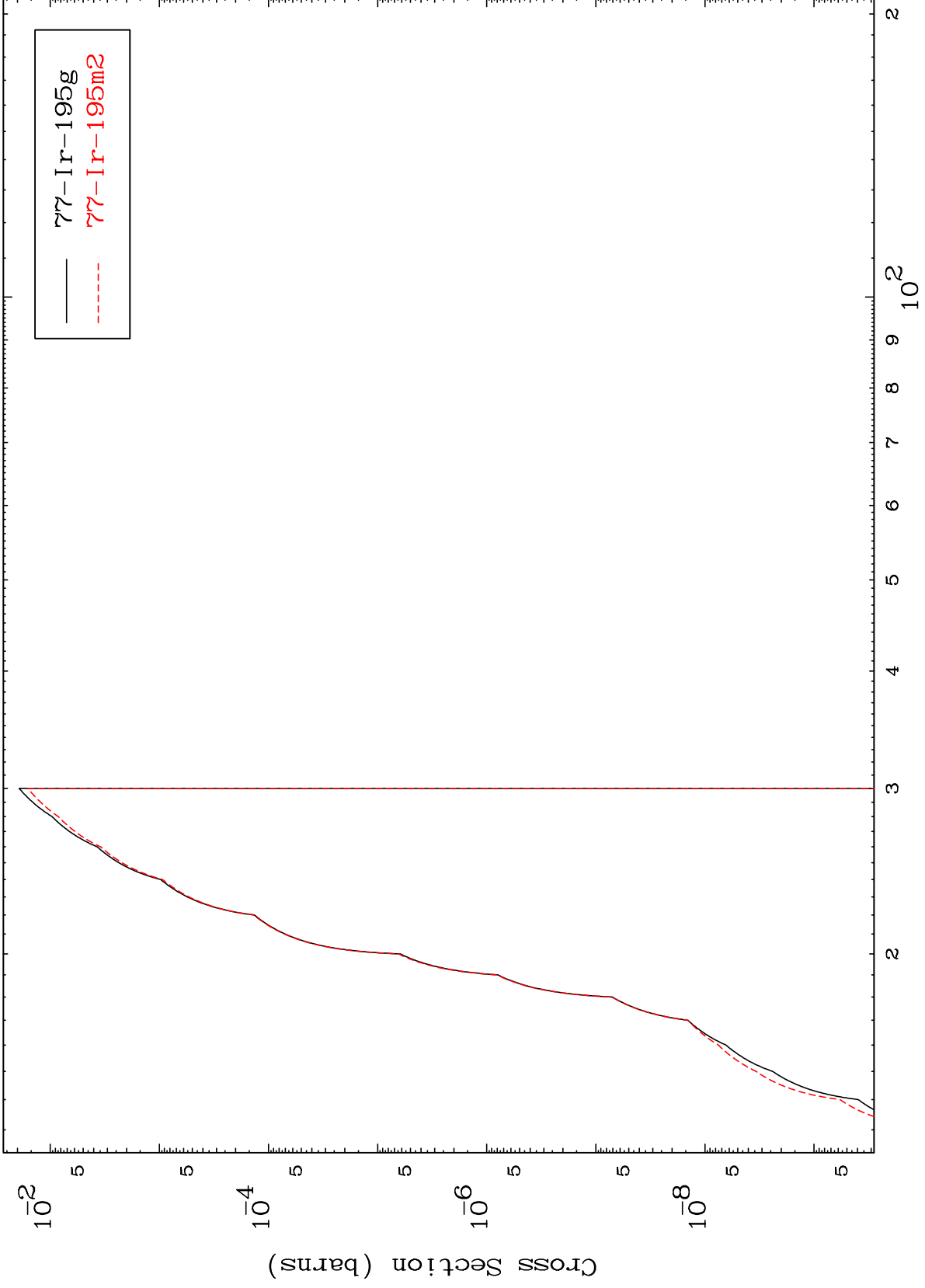
77-Ir-197

MAT 7743

(n,2n) p

77-Ir-197

Radionuclide Production Cross Section



20

Incident Energy (MeV)

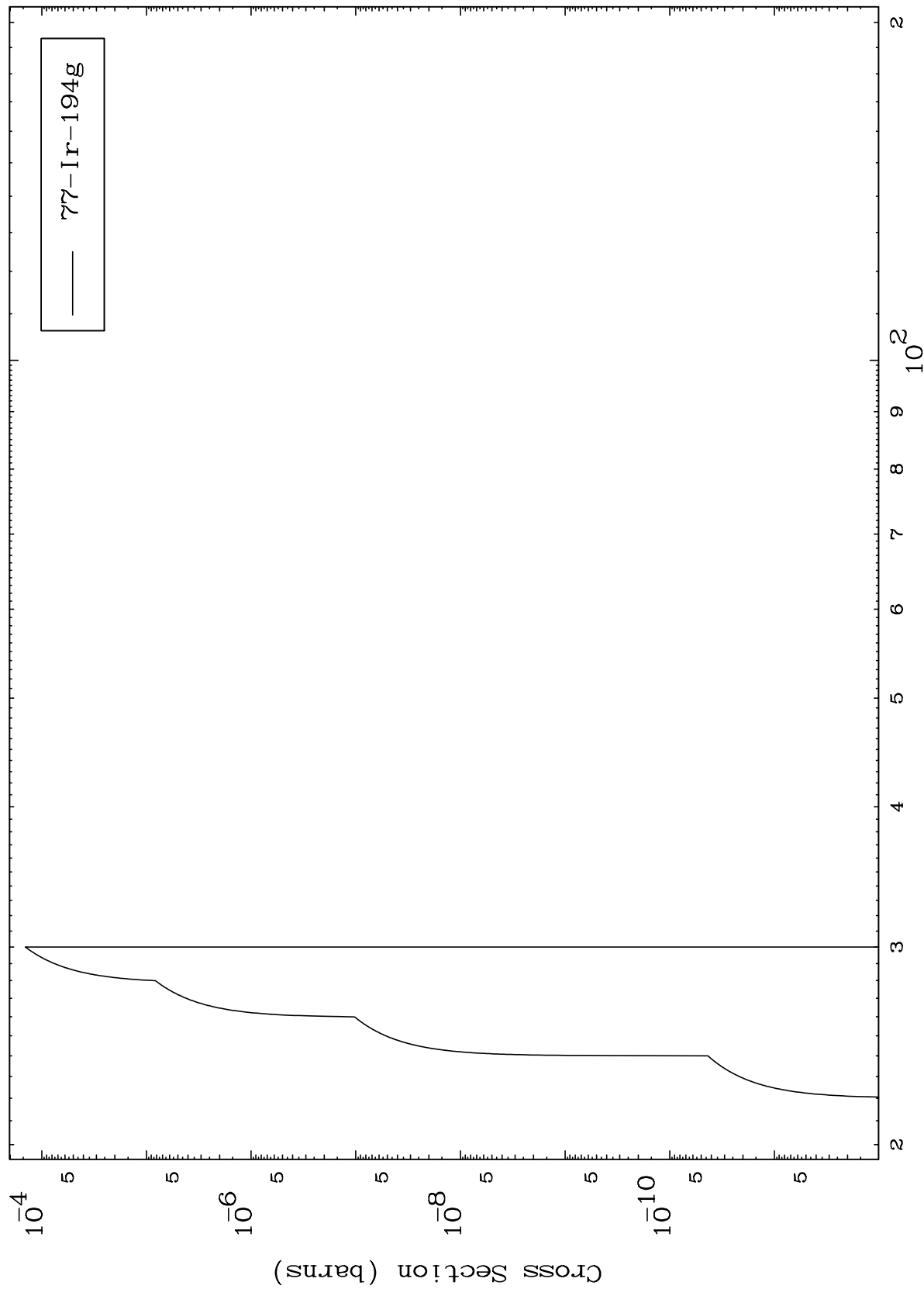
77-Ir-197

MAT 7743

(n,3n) p

77-Ir-197

Radionuclide Production Cross Section

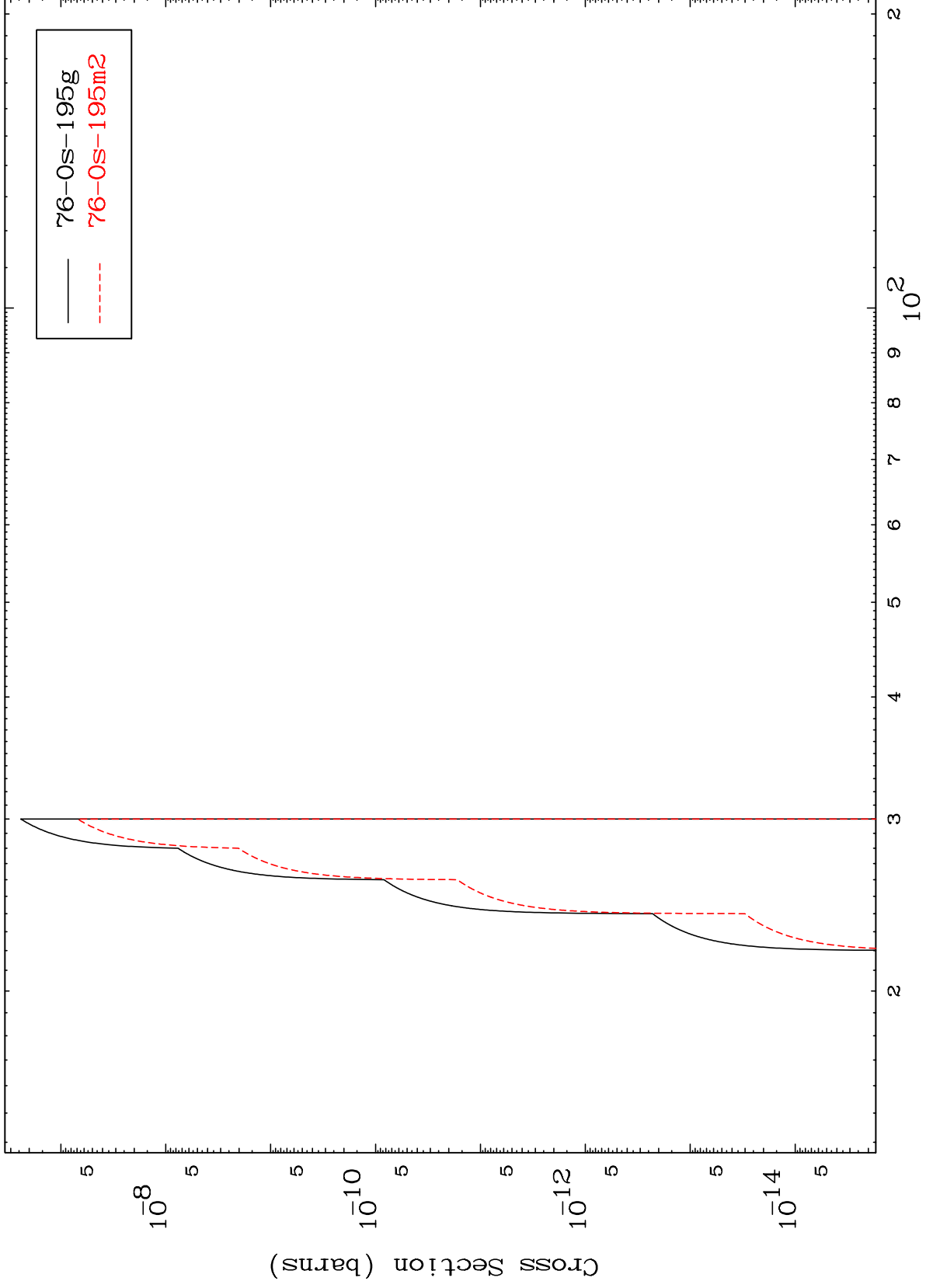


Incident Energy (MeV)

77-Ir-197

21

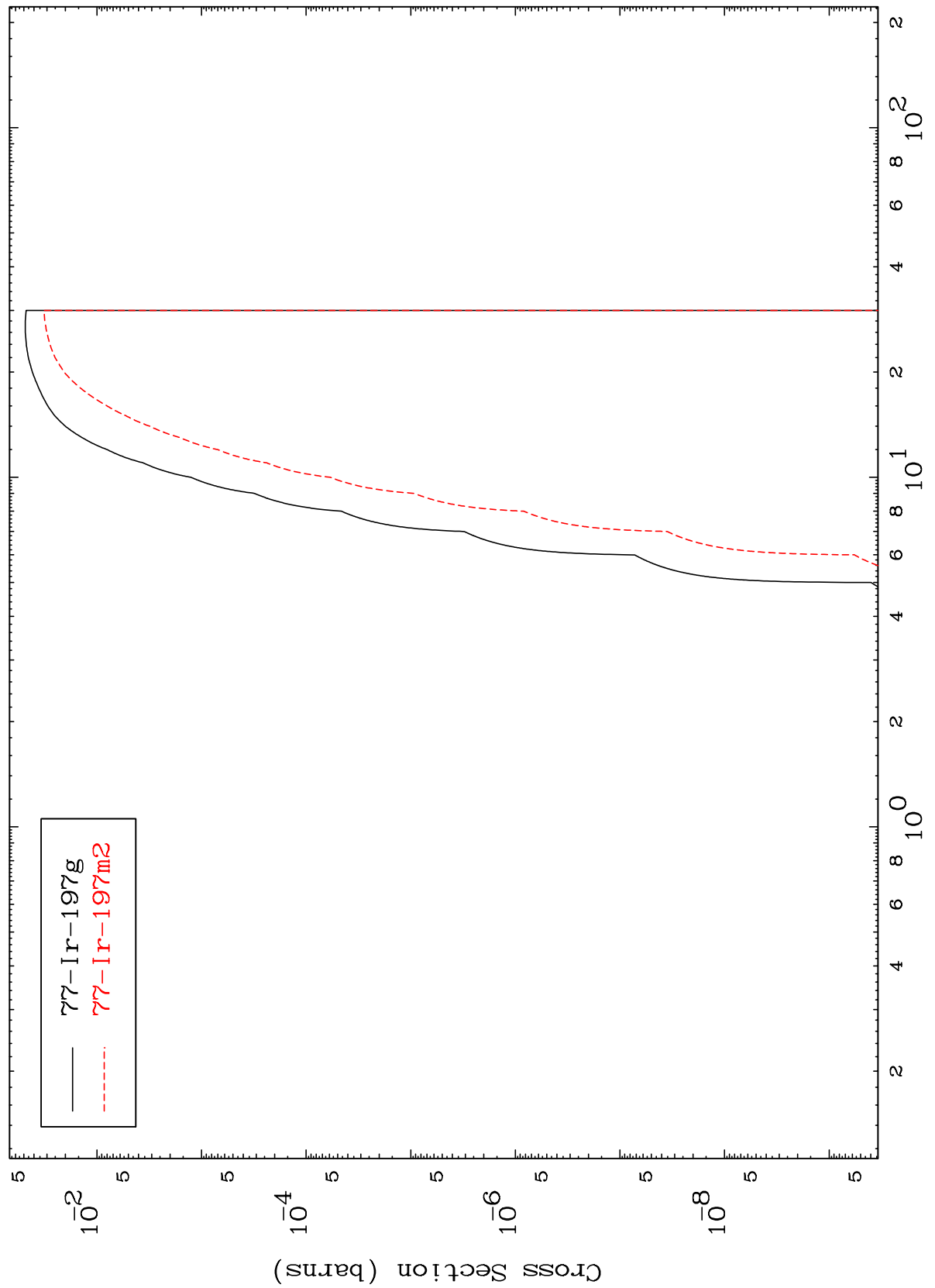
Radionuclide Production Cross Section



MAT 7743

77-Ir-197

(n,p)
Radionuclide Production Cross Section



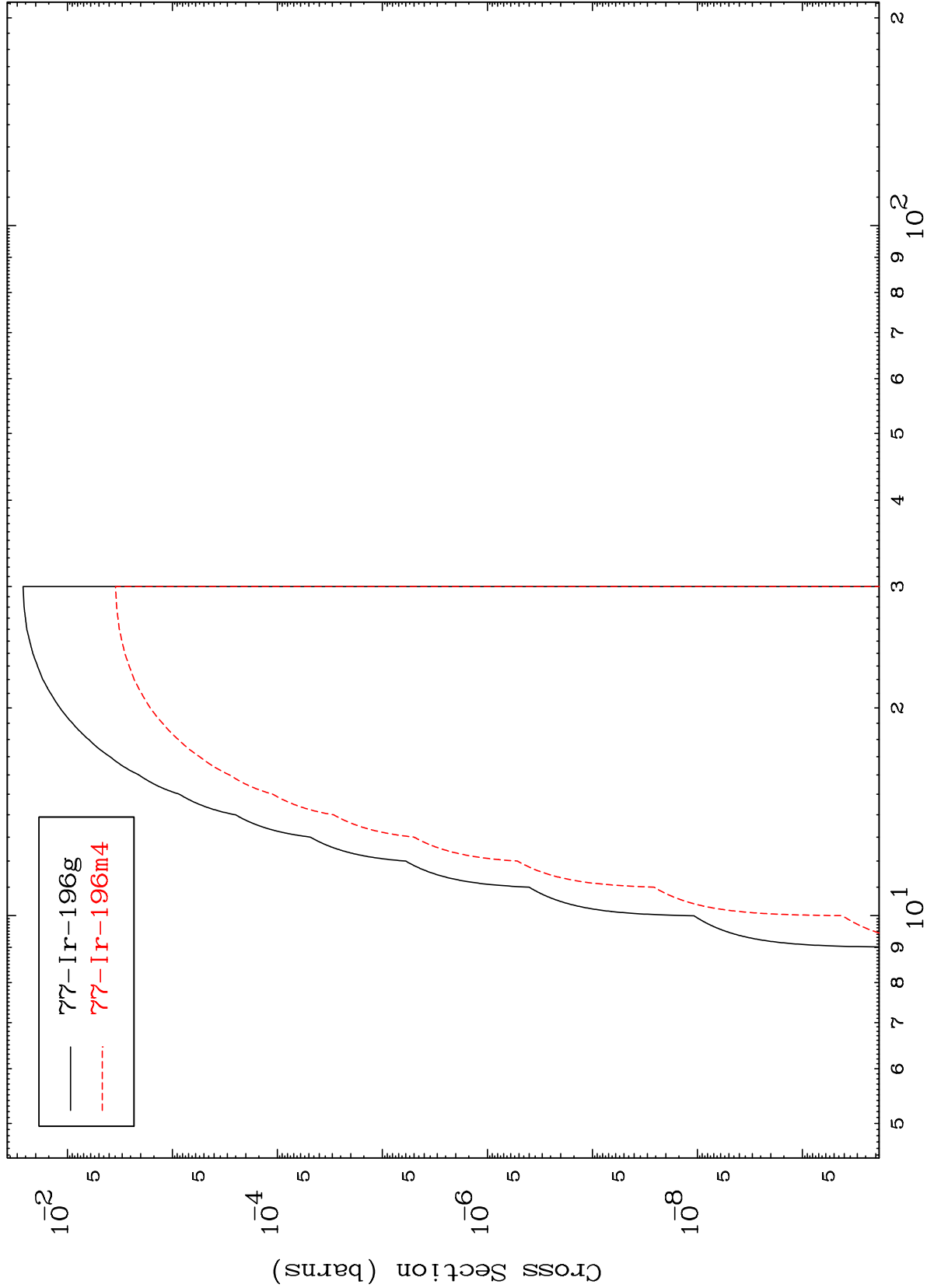
77-Ir-197

Incident Energy (MeV)

MAT 7743

⁷⁷Ir-197

(n,d)
Radionuclide Production Cross Section



⁷⁷Ir-197

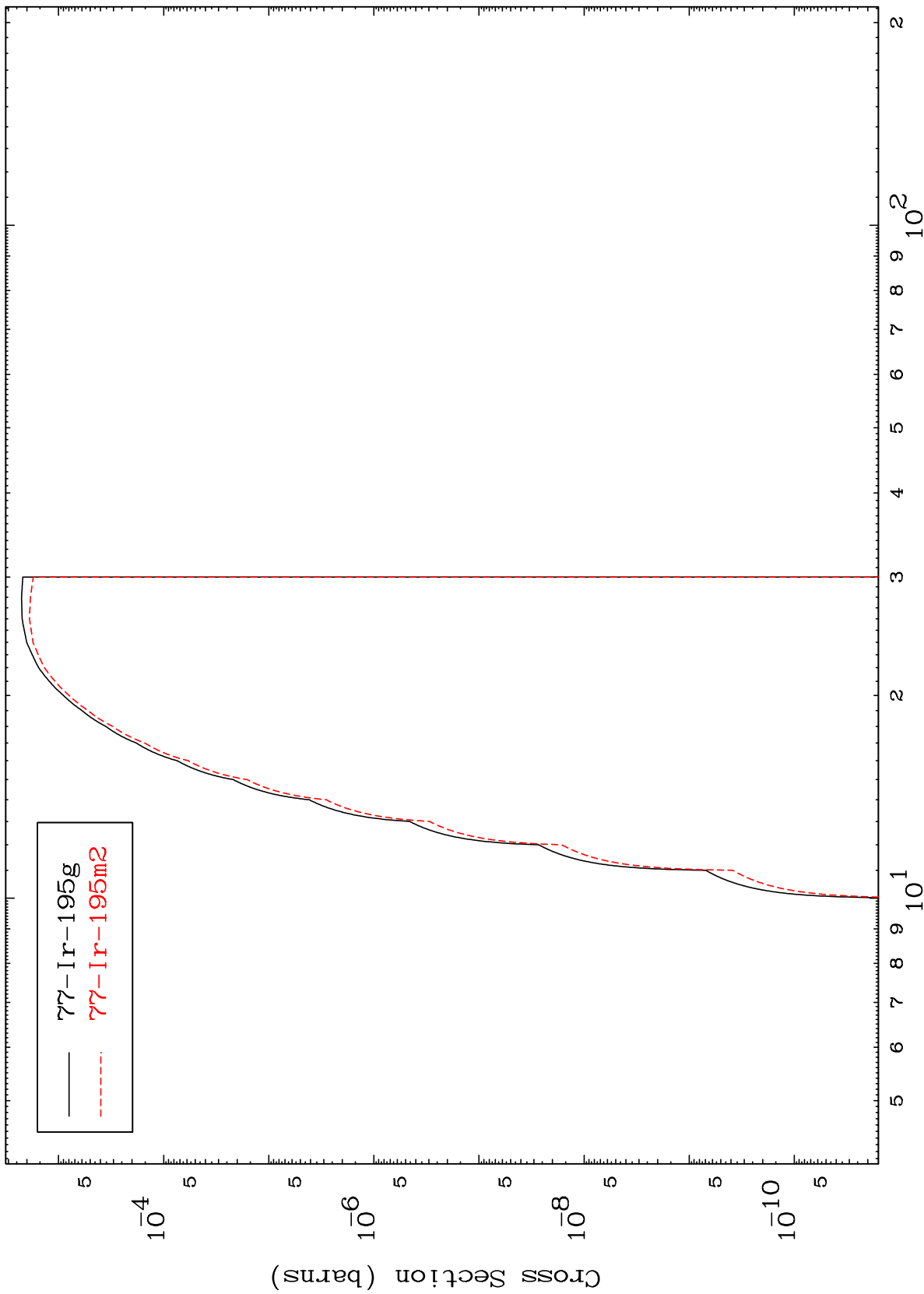
Incident Energy (MeV)

24

MAT 7743

77-Ir-197

(n, t)
Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-197

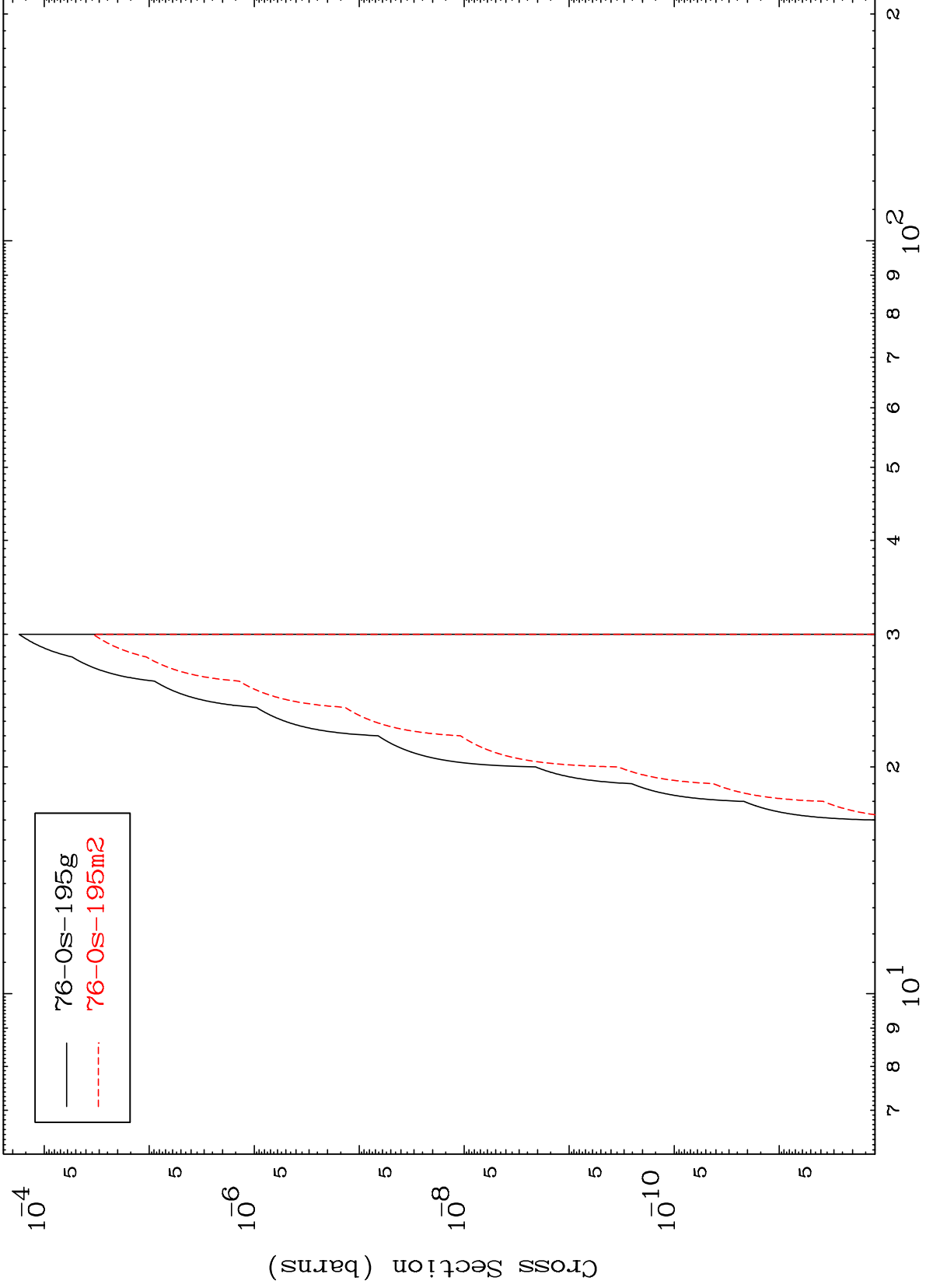
25

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(n,He-3)

77-Ir-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

77-Ir-197