

Program EVALPLOT
(Version 2021-1)

by

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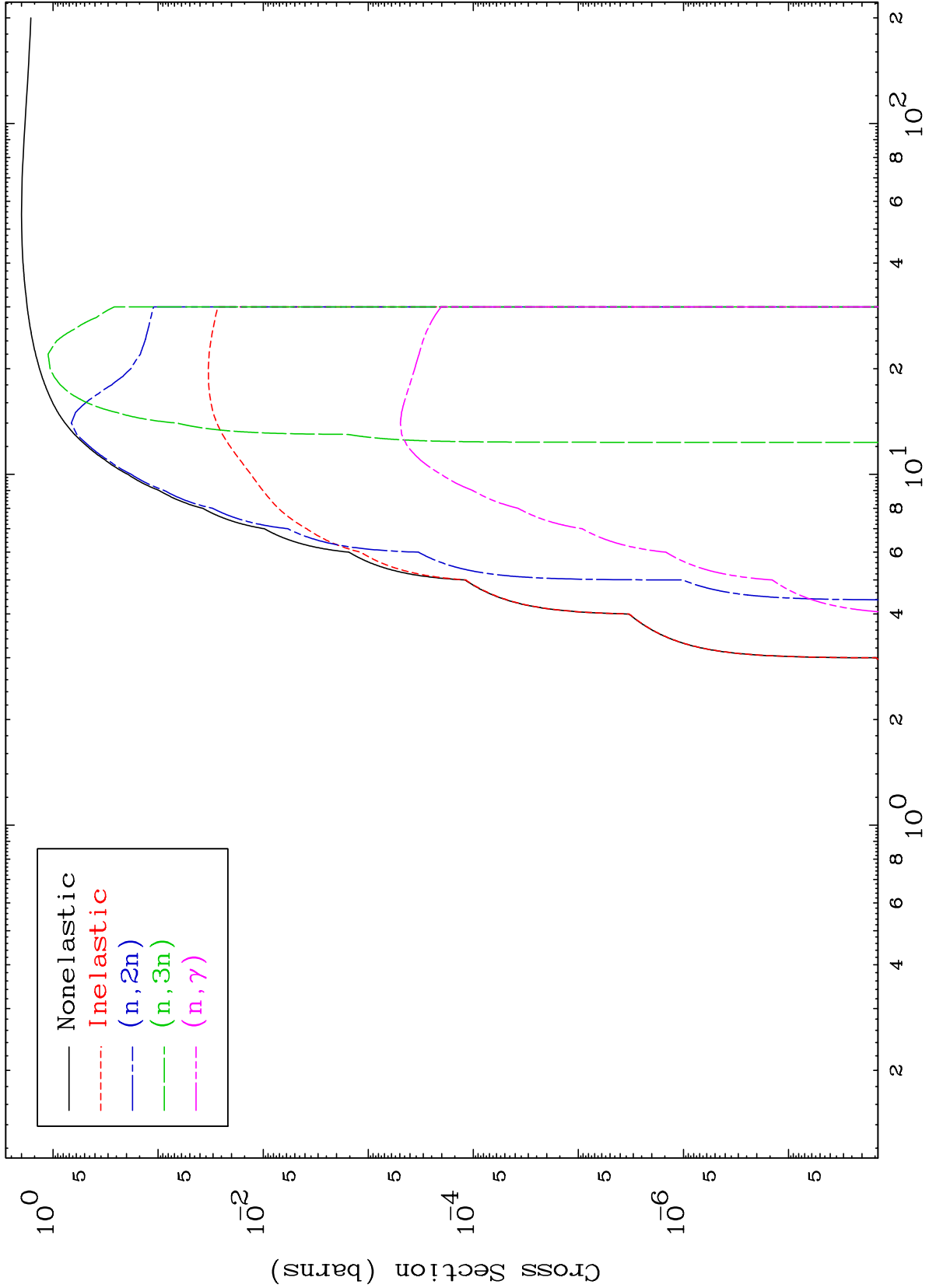
Press Mouse Button to Start

MAT 7744

Proton Major

77-Ir-197m

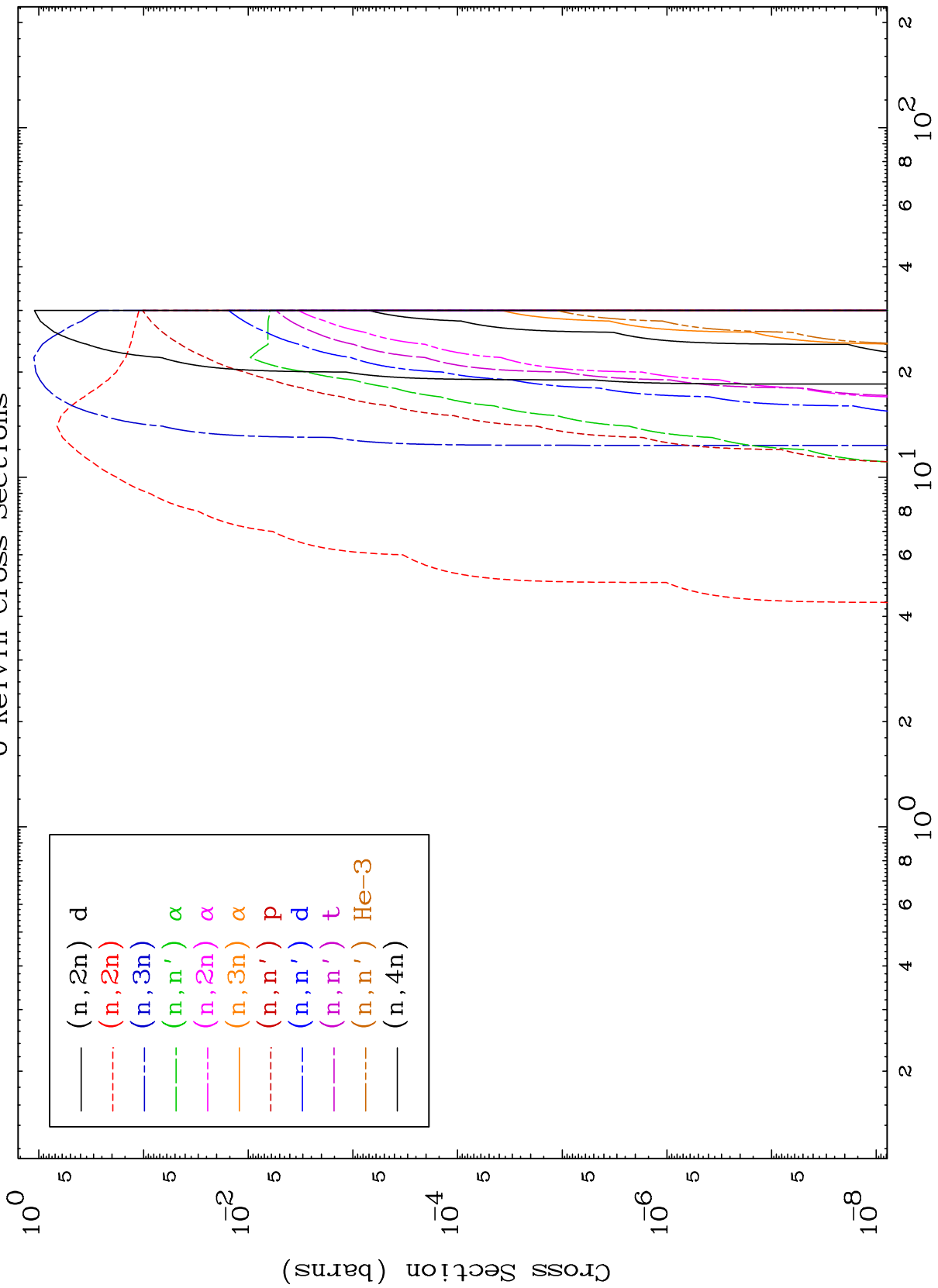
0 Kelvin Cross Sections



MAT 7744

Proton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-197m



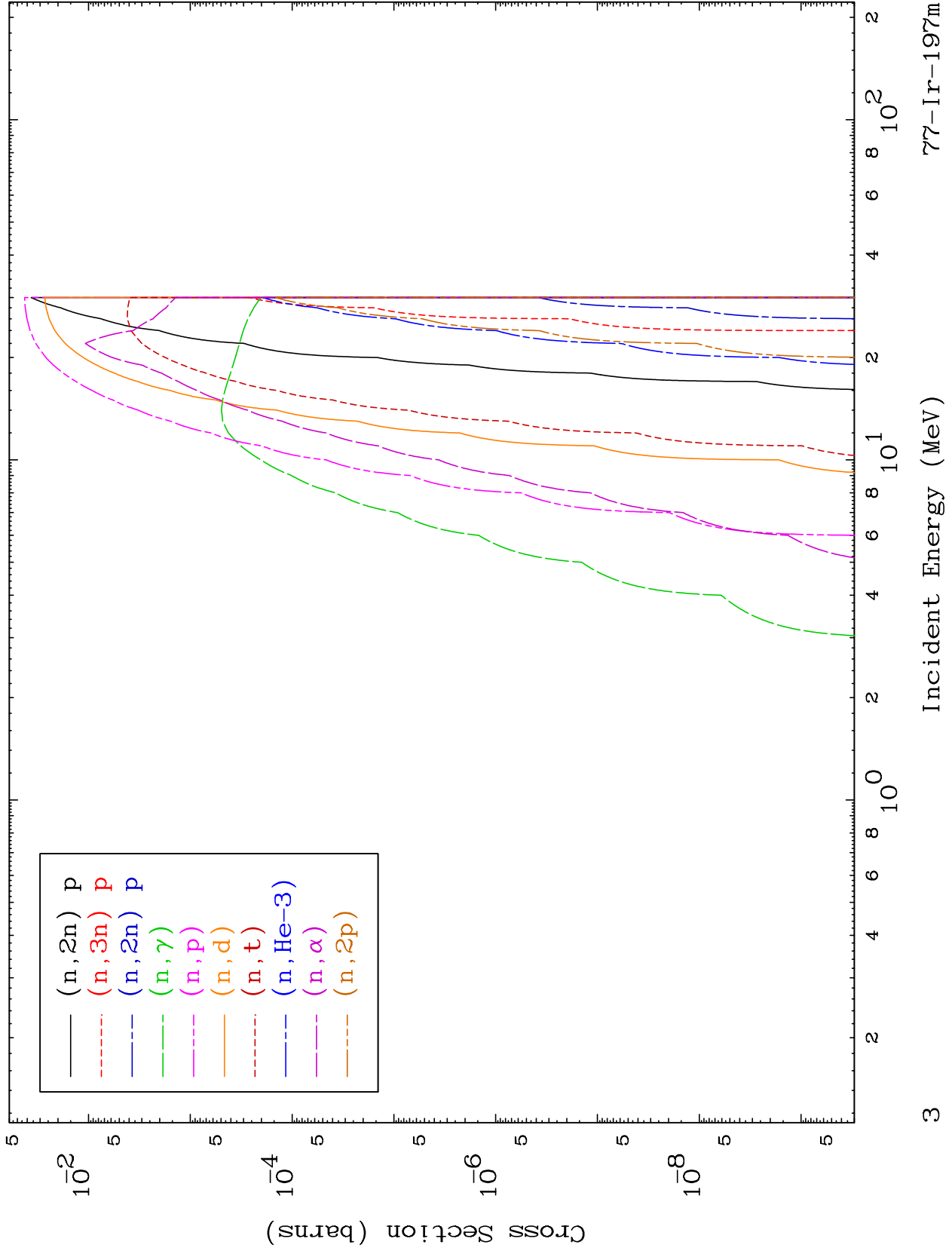
77-Ir-197m

Incident Energy (MeV)

MAT 7744

Proton Neutron Absorption
0 Kelvin Cross Sections

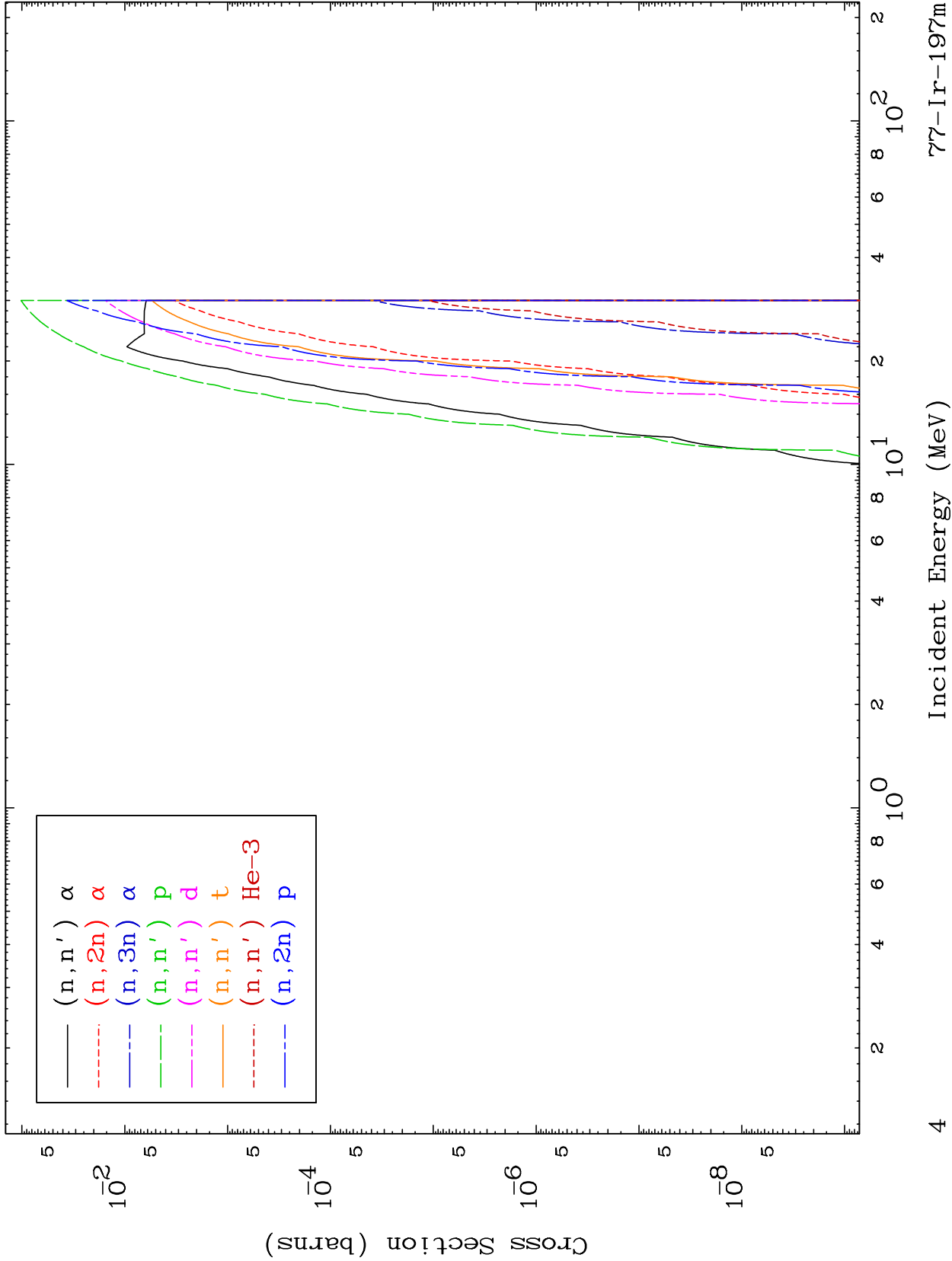
77-Ir-197m



MAT 7744

Proton Charged Particle
0 Kelvin Cross Sections

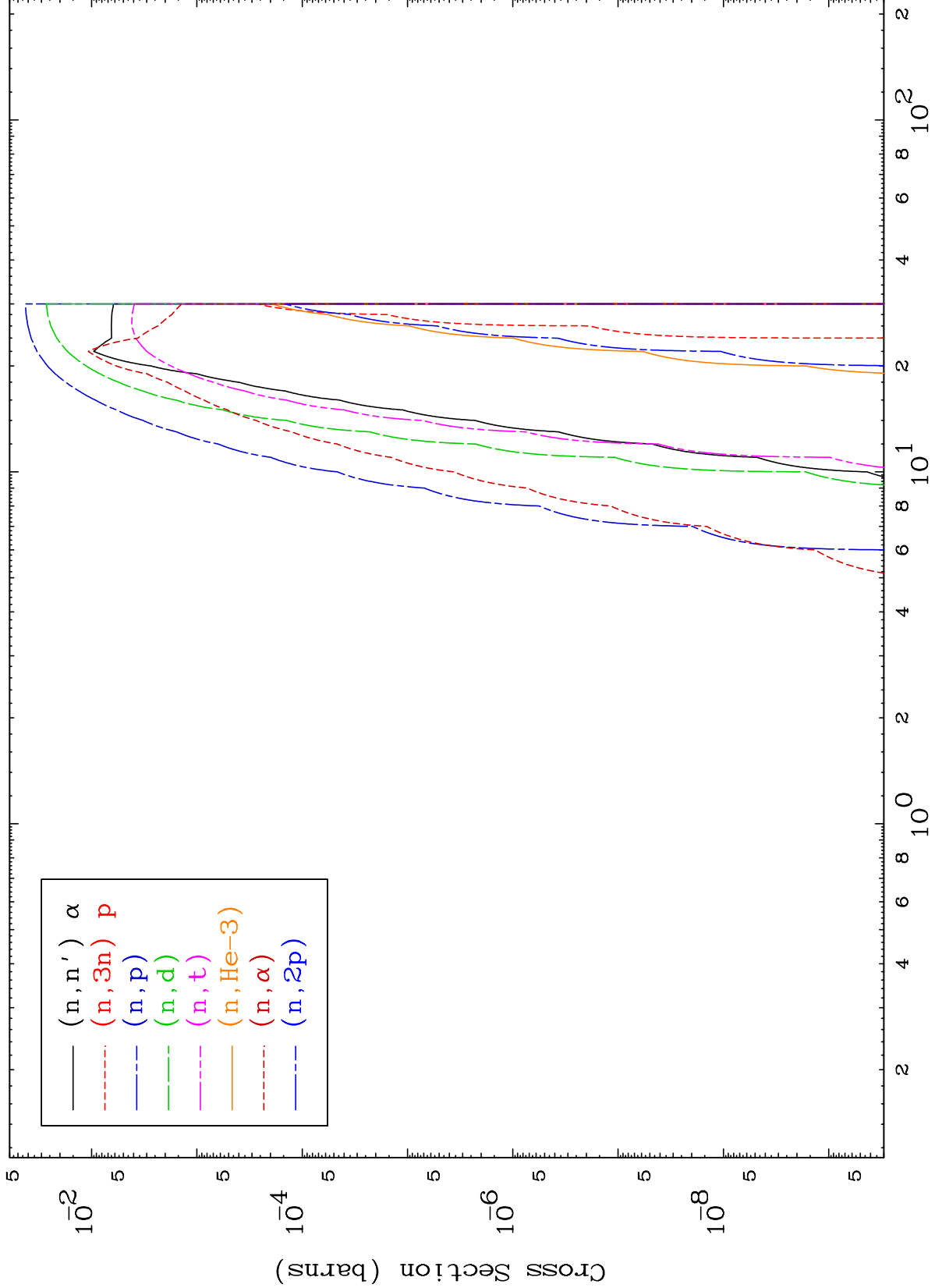
77-Ir-197m



MAT 7744

Proton Charged Particle
0 Kelvin Cross Sections

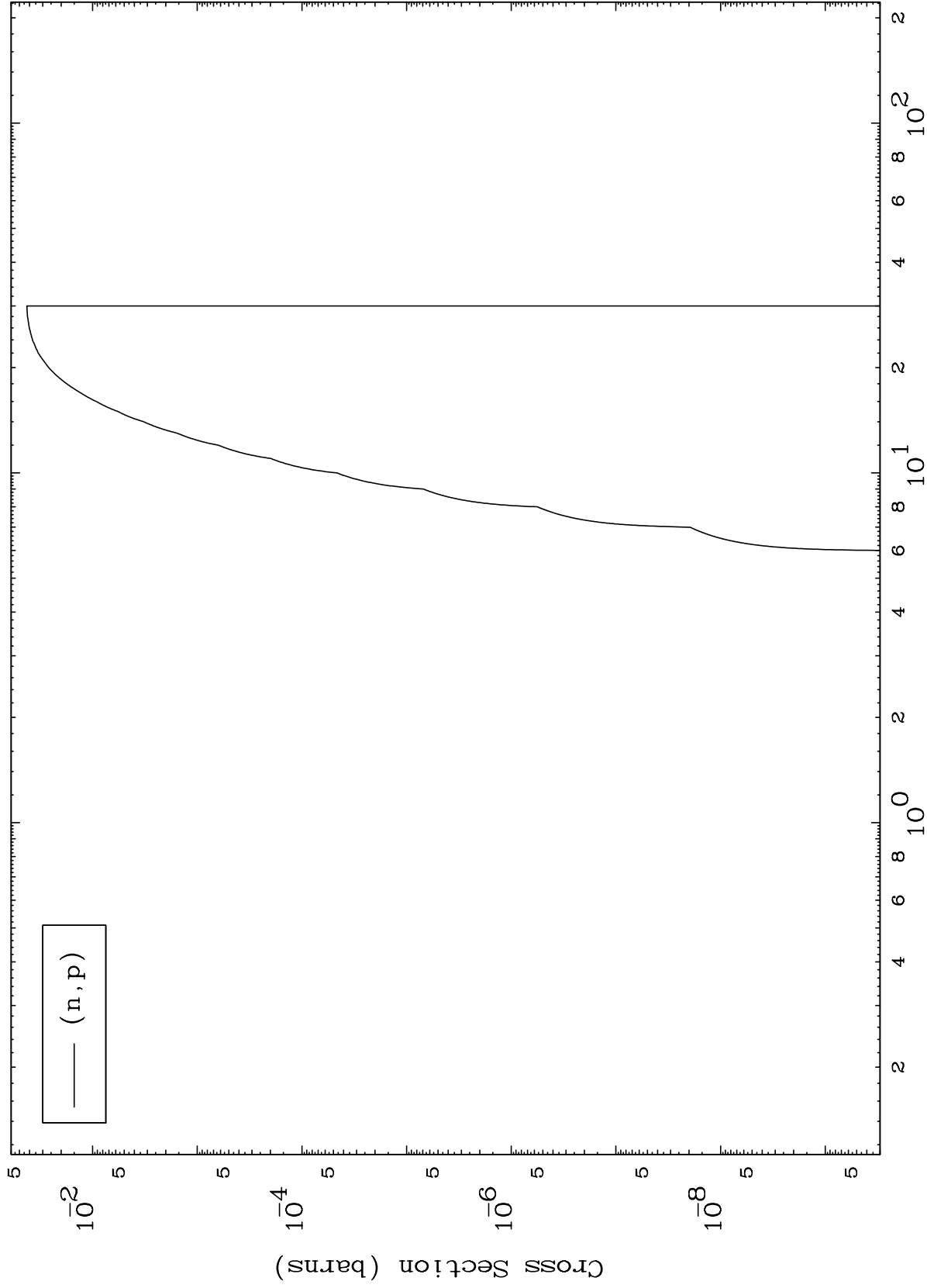
77-Ir-197m



MAT 7744

(p,p) Levels
0 Kelvin Cross Sections

77-Ir-197m



6

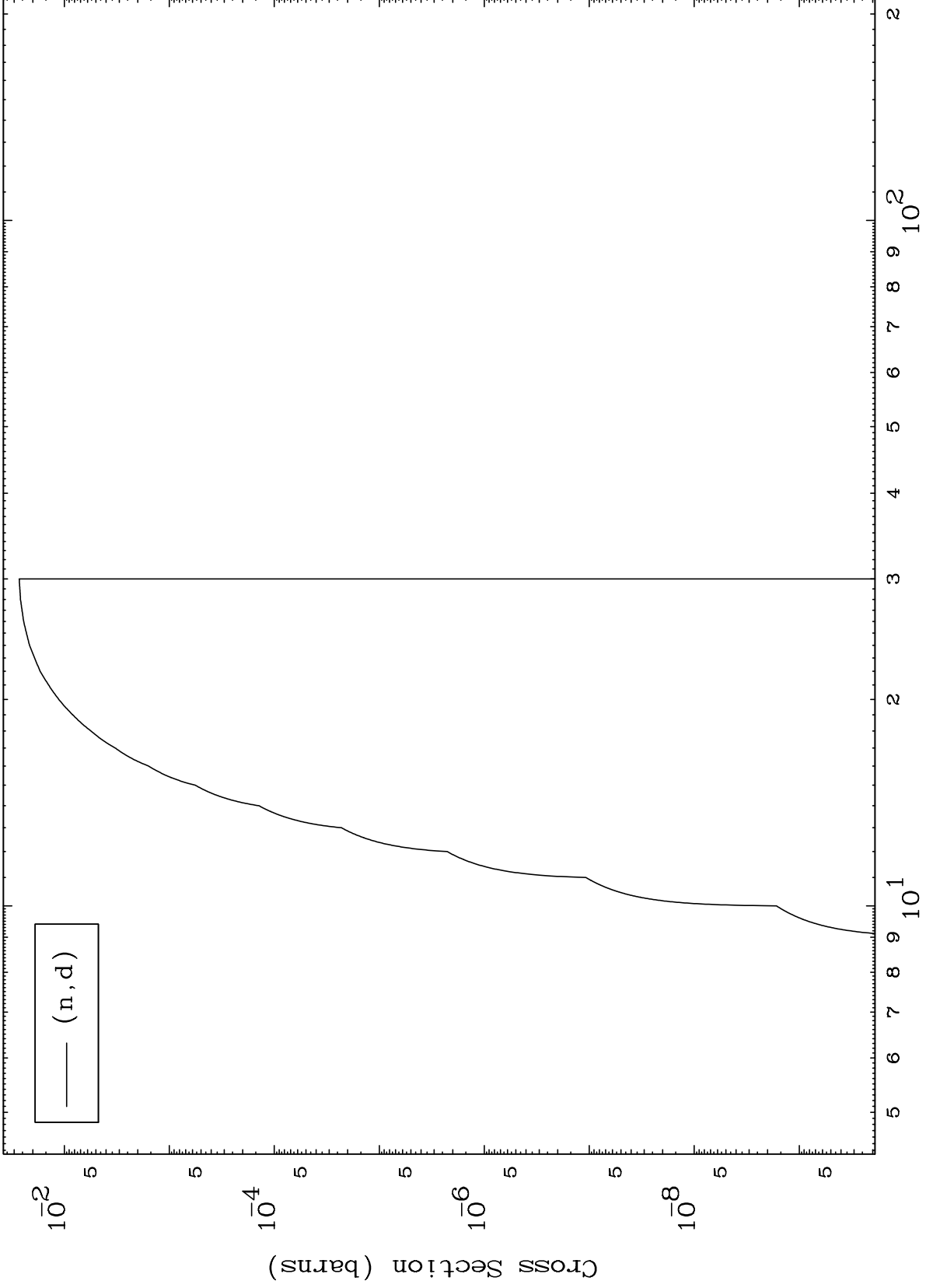
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(p,d) Levels
0 Kelvin Cross Sections

77-Ir-197m



7

Incident Energy (MeV)

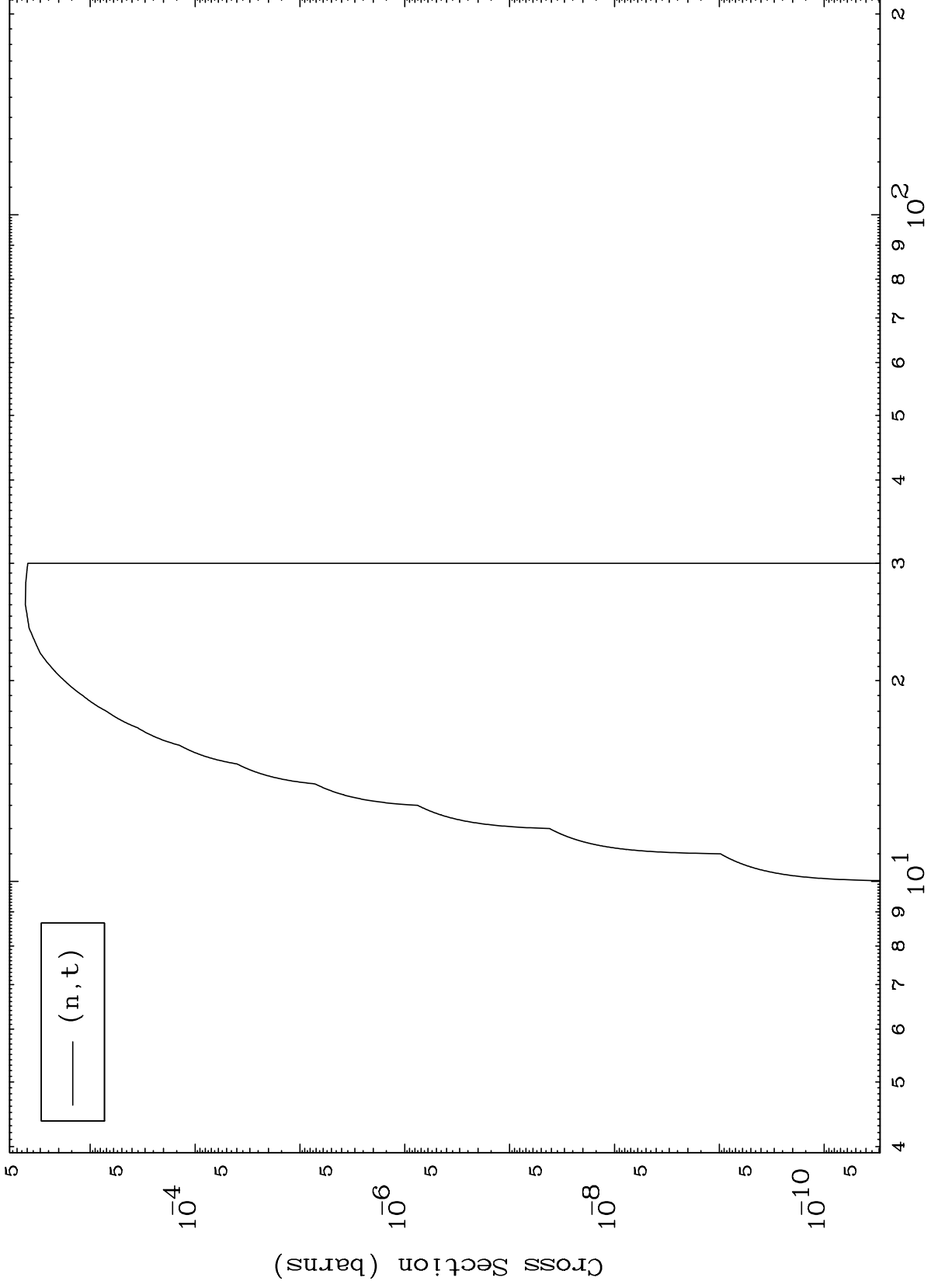
77-Ir-197m

MAT 7744

(p, t) Levels

77-Ir-197m

0 Kelvin Cross Sections



8

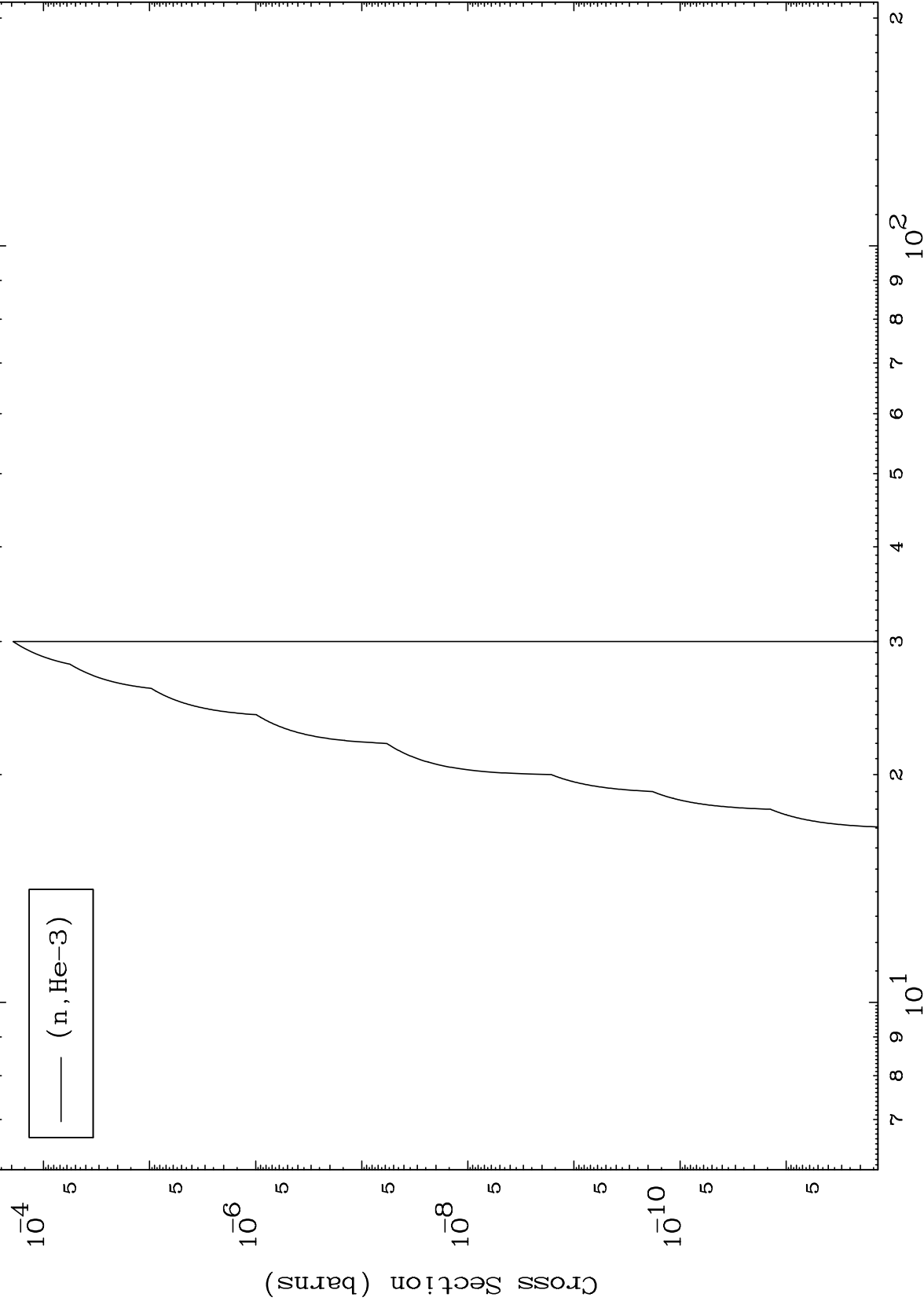
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-197m

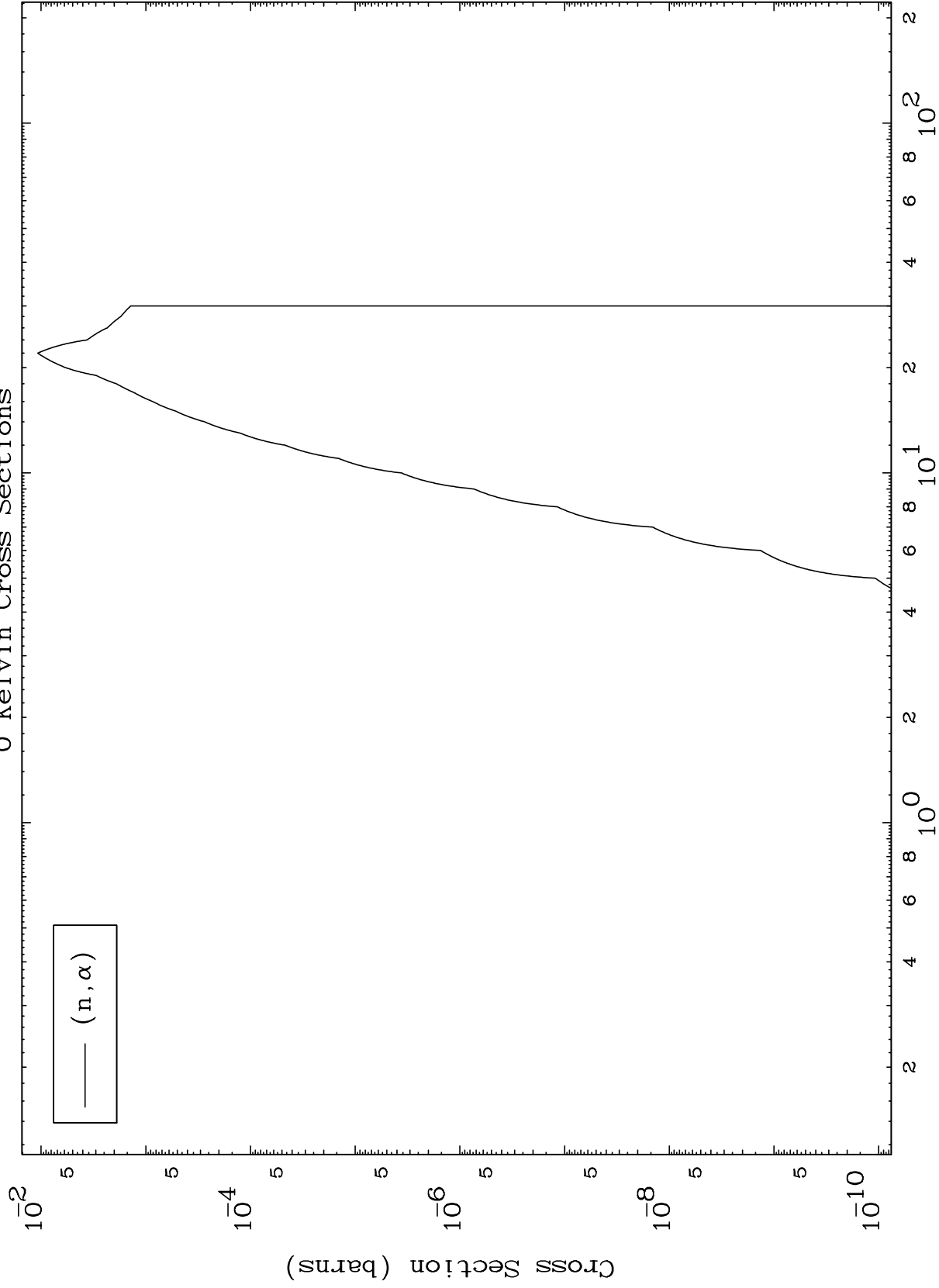


MAT 7744

(p, α) Levels

77-Ir-197m

0 Kelvin Cross Sections



10

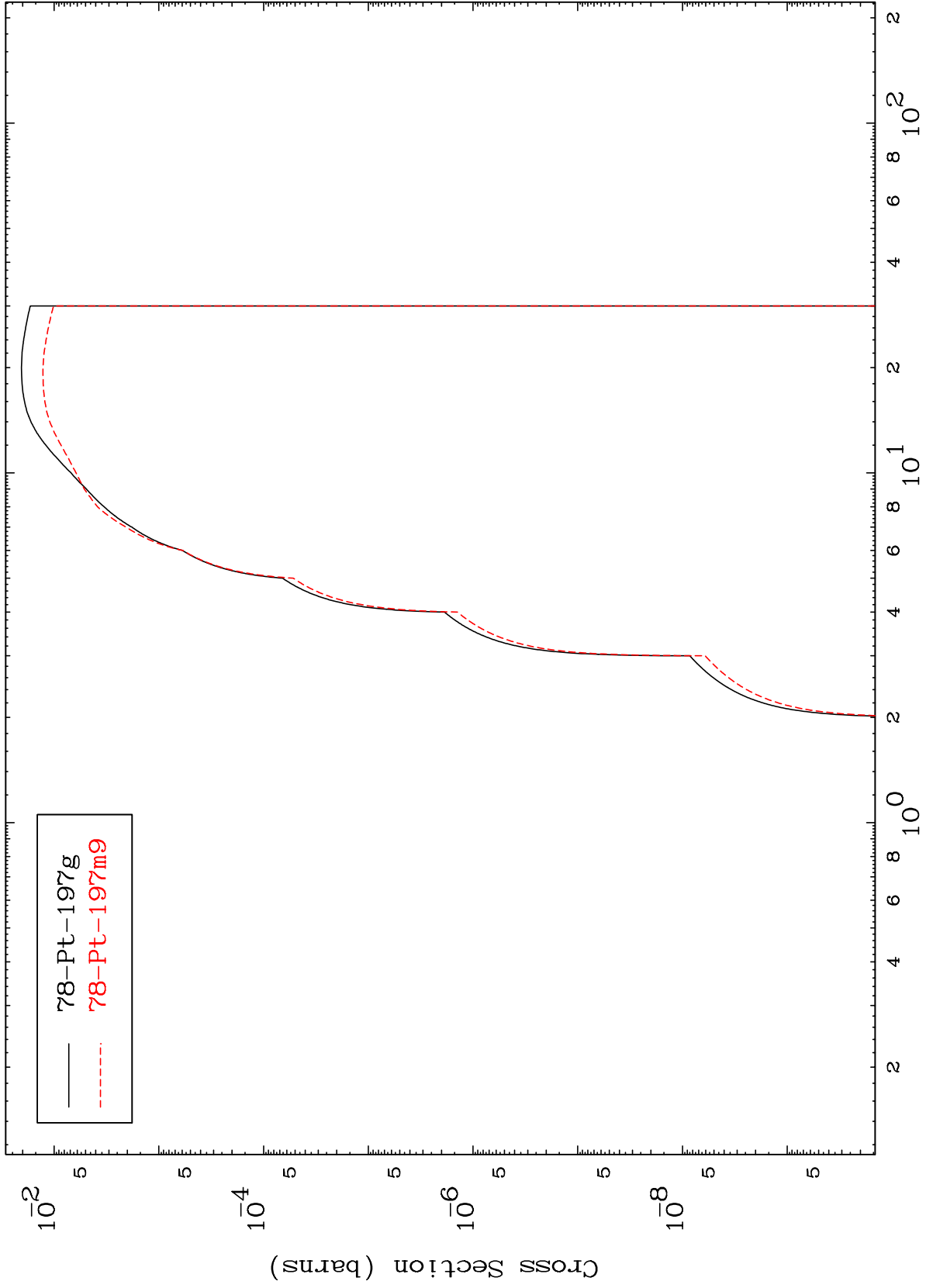
Incident Energy (MeV)

77-Ir-197m

MAT 7744

77-Ir-197m

Inelastic
Radionuclide Production Cross Section



77-Ir-197m

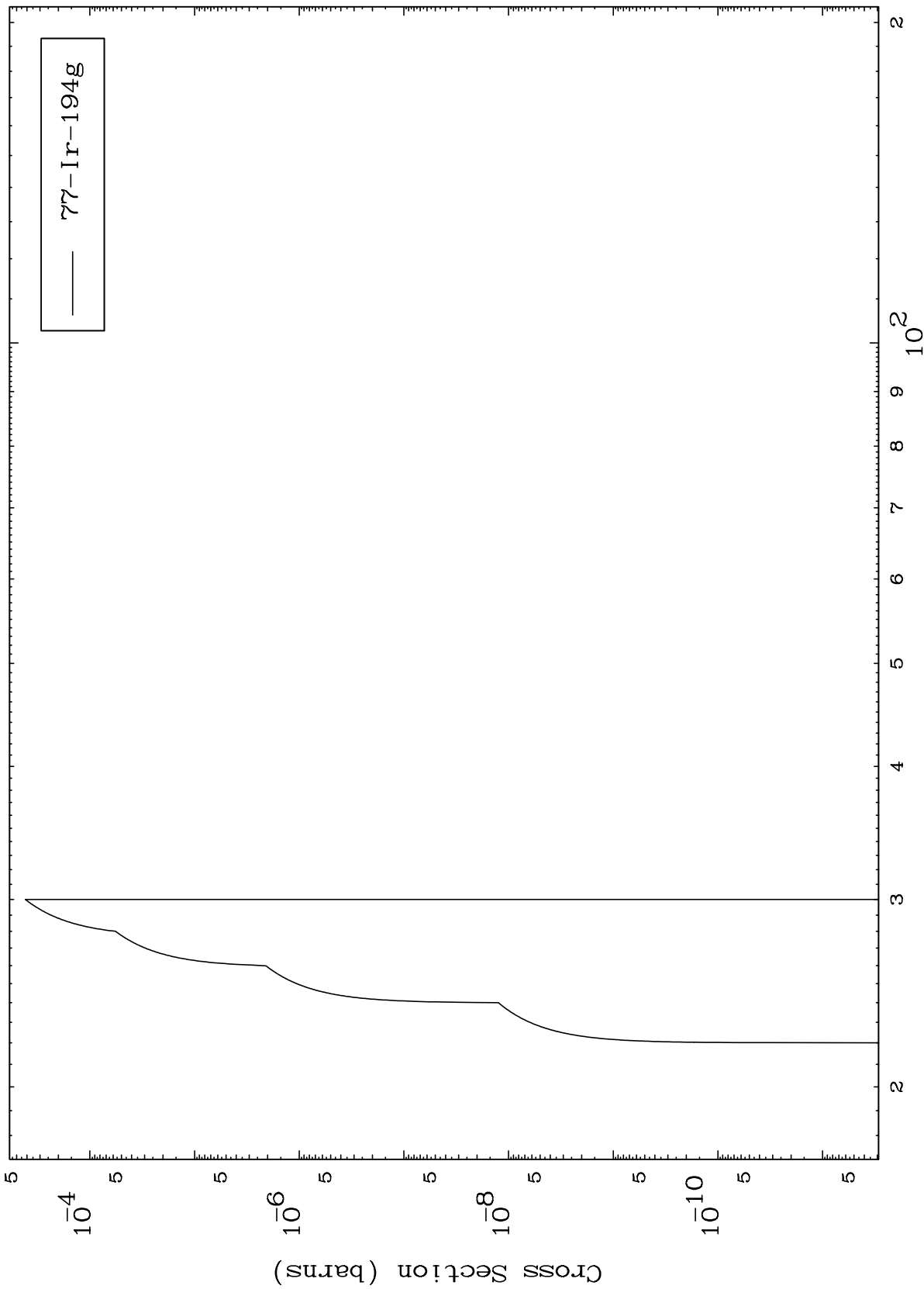
Incident Energy (MeV)

MAT 7744

(n,2n) d

77-Ir-197m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

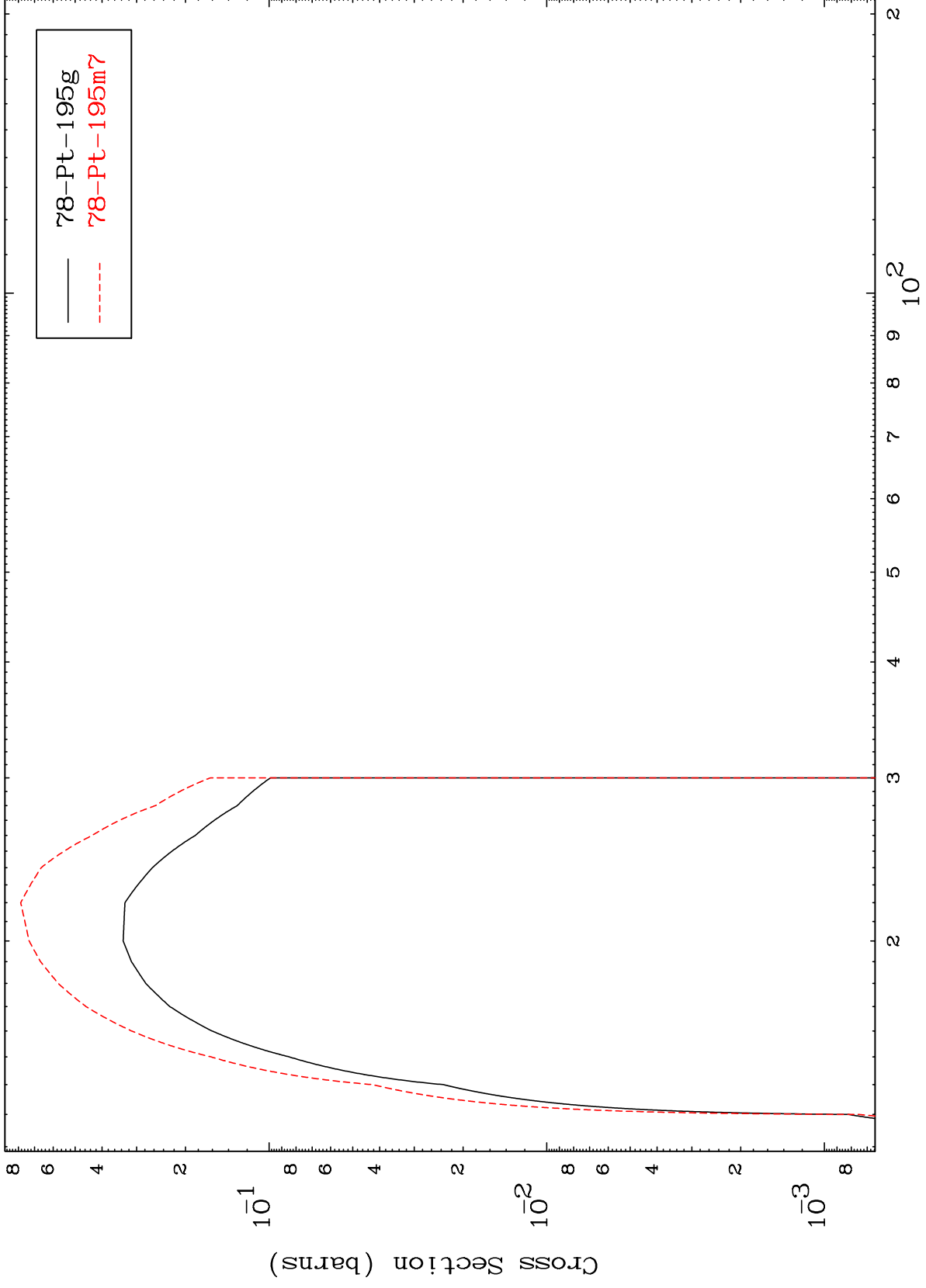
77-Ir-197m

MAT 7744

(n,3n)

77-Ir-197m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

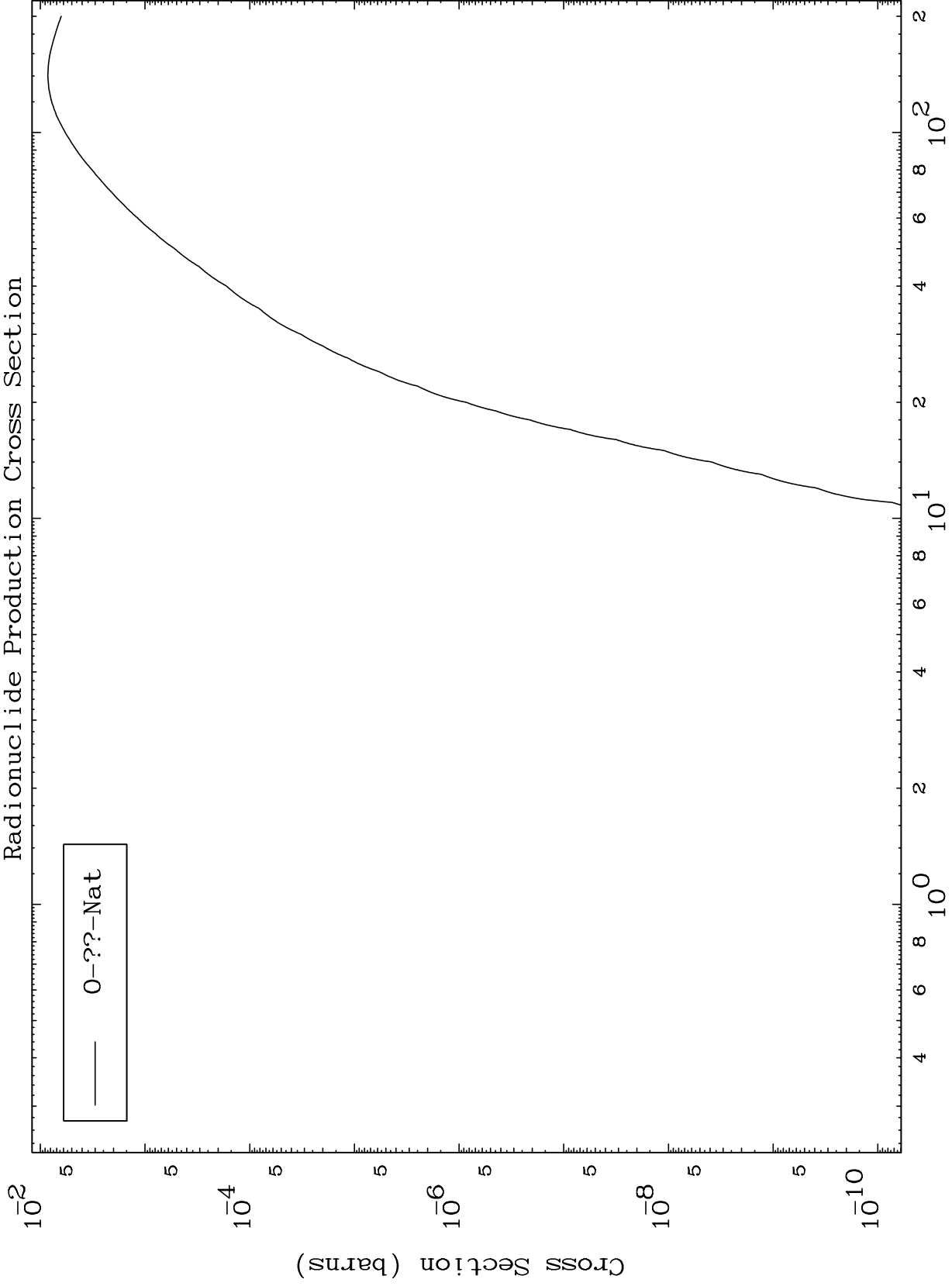
77-Ir-197m

MAT 7744

Fission

77-Ir-197m

Radionuclide Production Cross Section

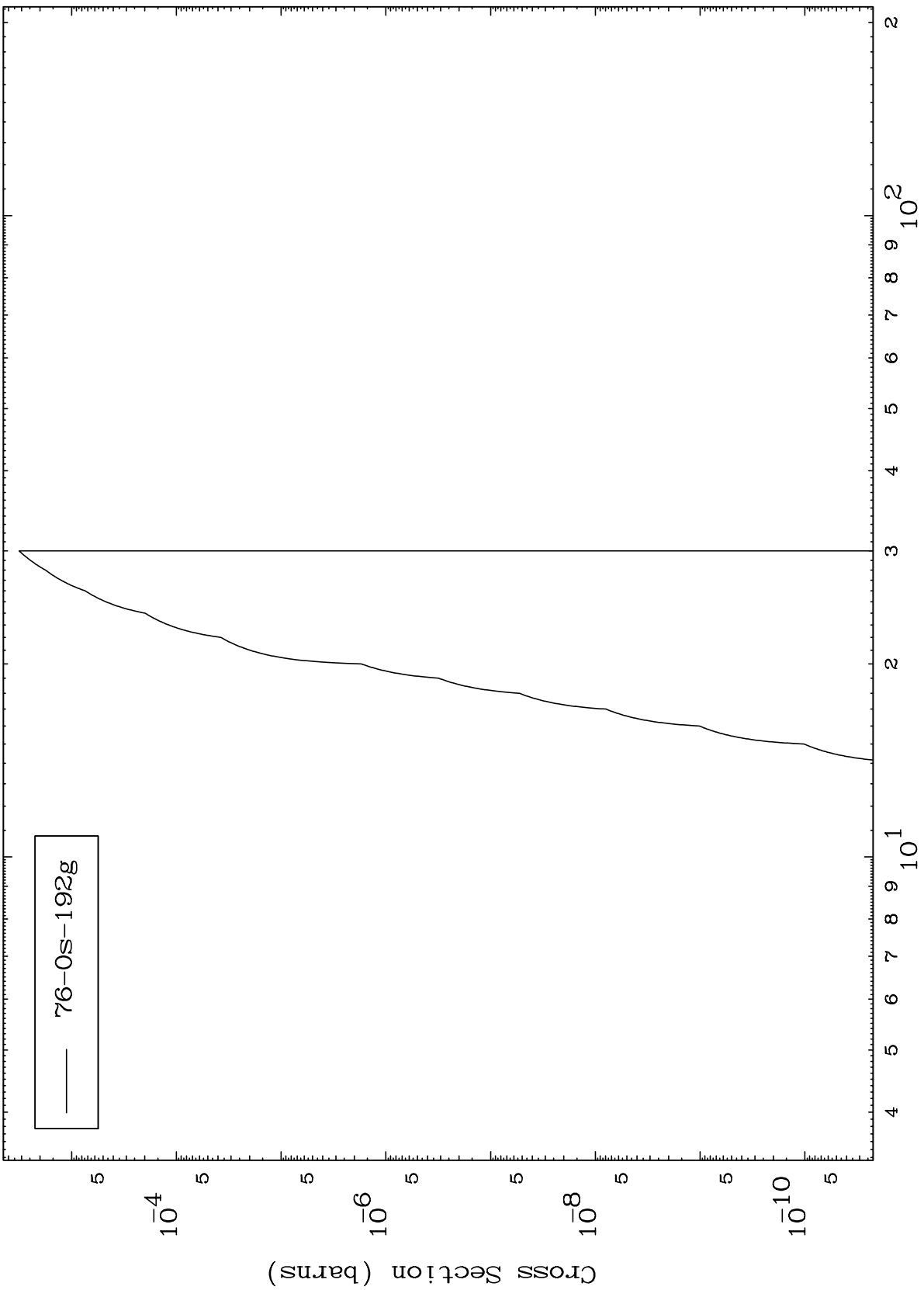


MAT 7744

(n,2n) α

77-Ir-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

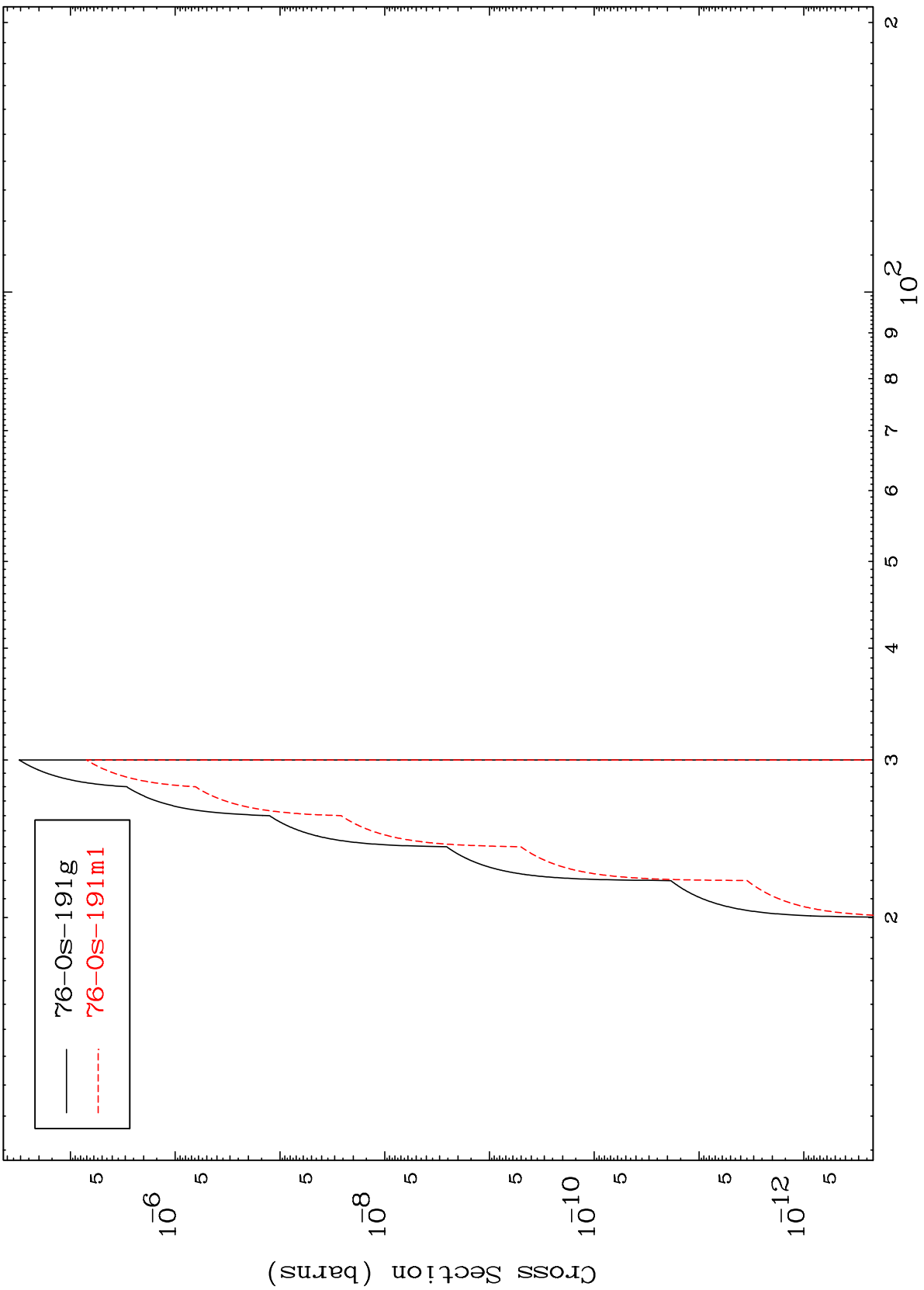
77-Ir-197m

MAT 7744

(n,3n) α

77-Ir-197m

Radionuclide Production Cross Section

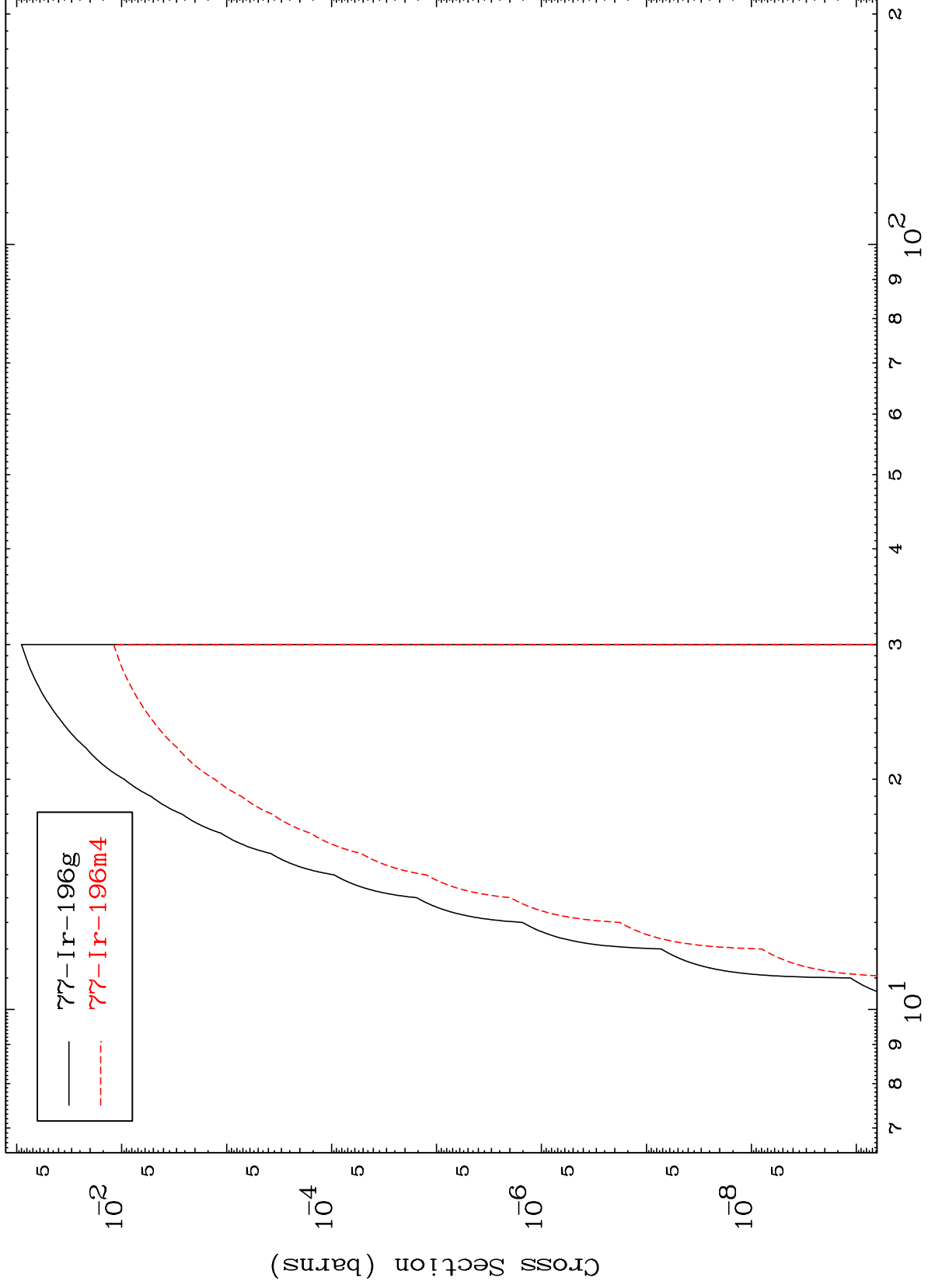


MAT 7744

(n,n') p

77-Ir-197m

Radionuclide Production Cross Section



17

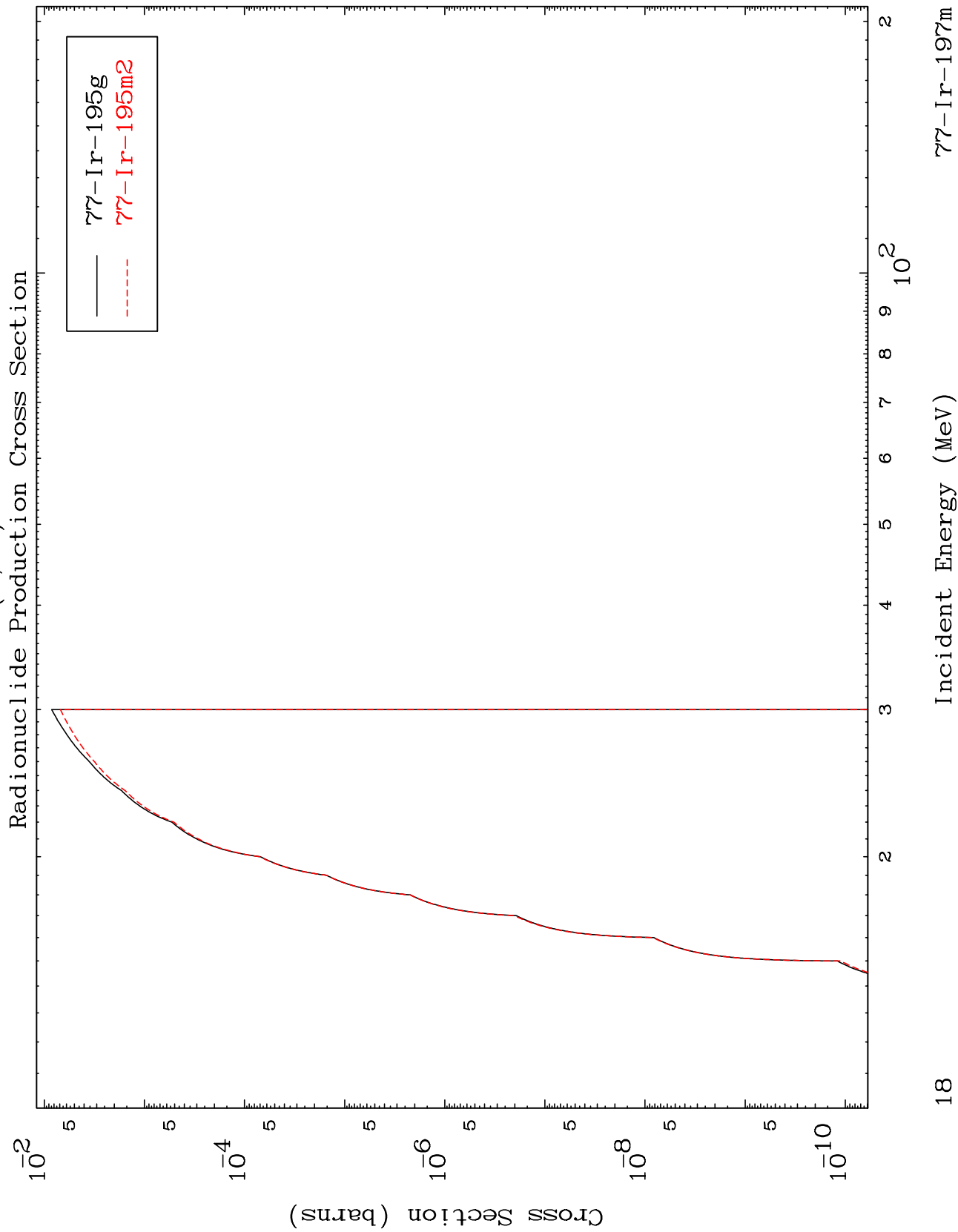
Incident Energy (MeV)

77-Ir-197m

MAT 7744

(n,n') d

77-Ir-197m



18

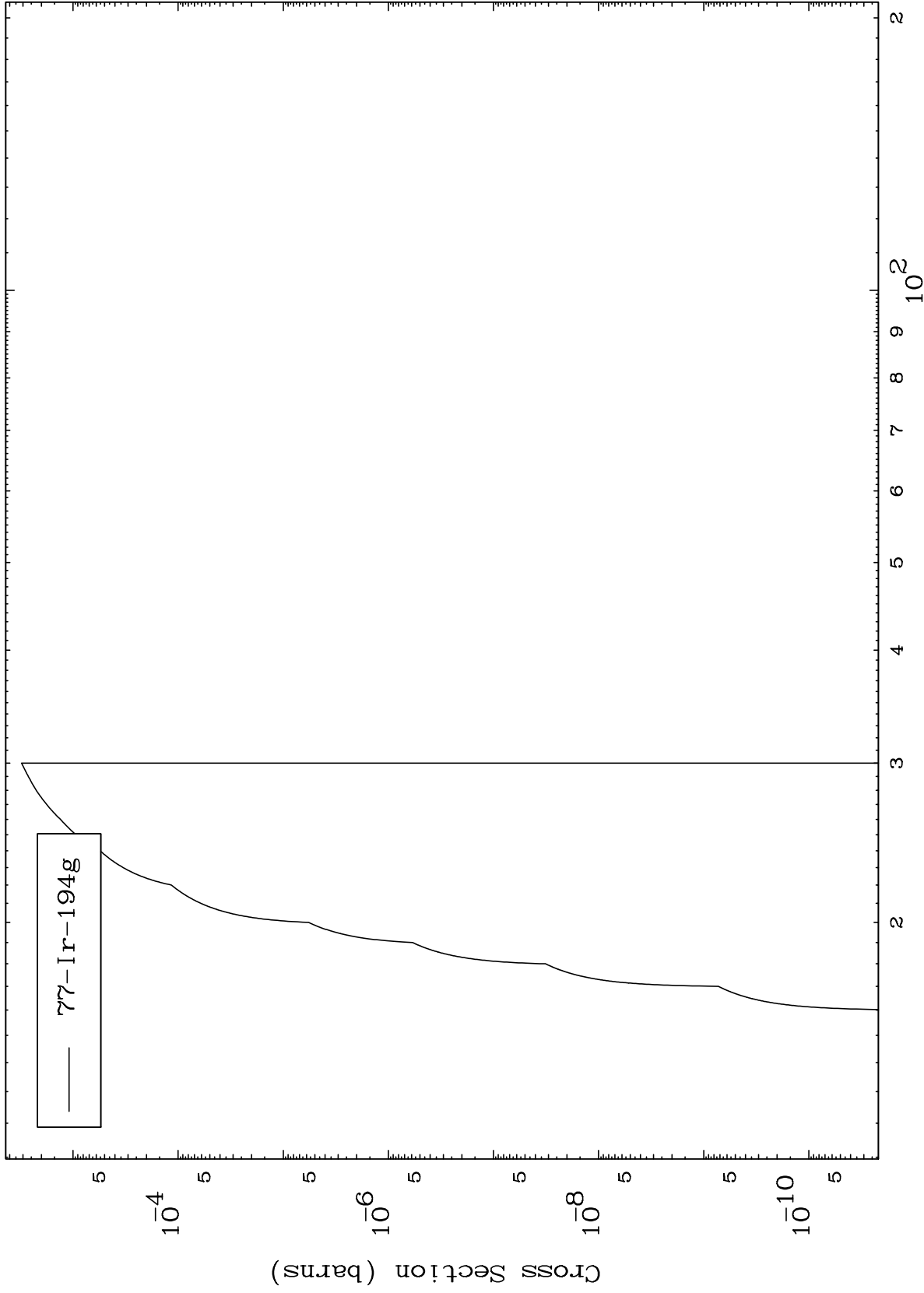
77-Ir-197m

MAT 7744

(n,n') t

77-Ir-197m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

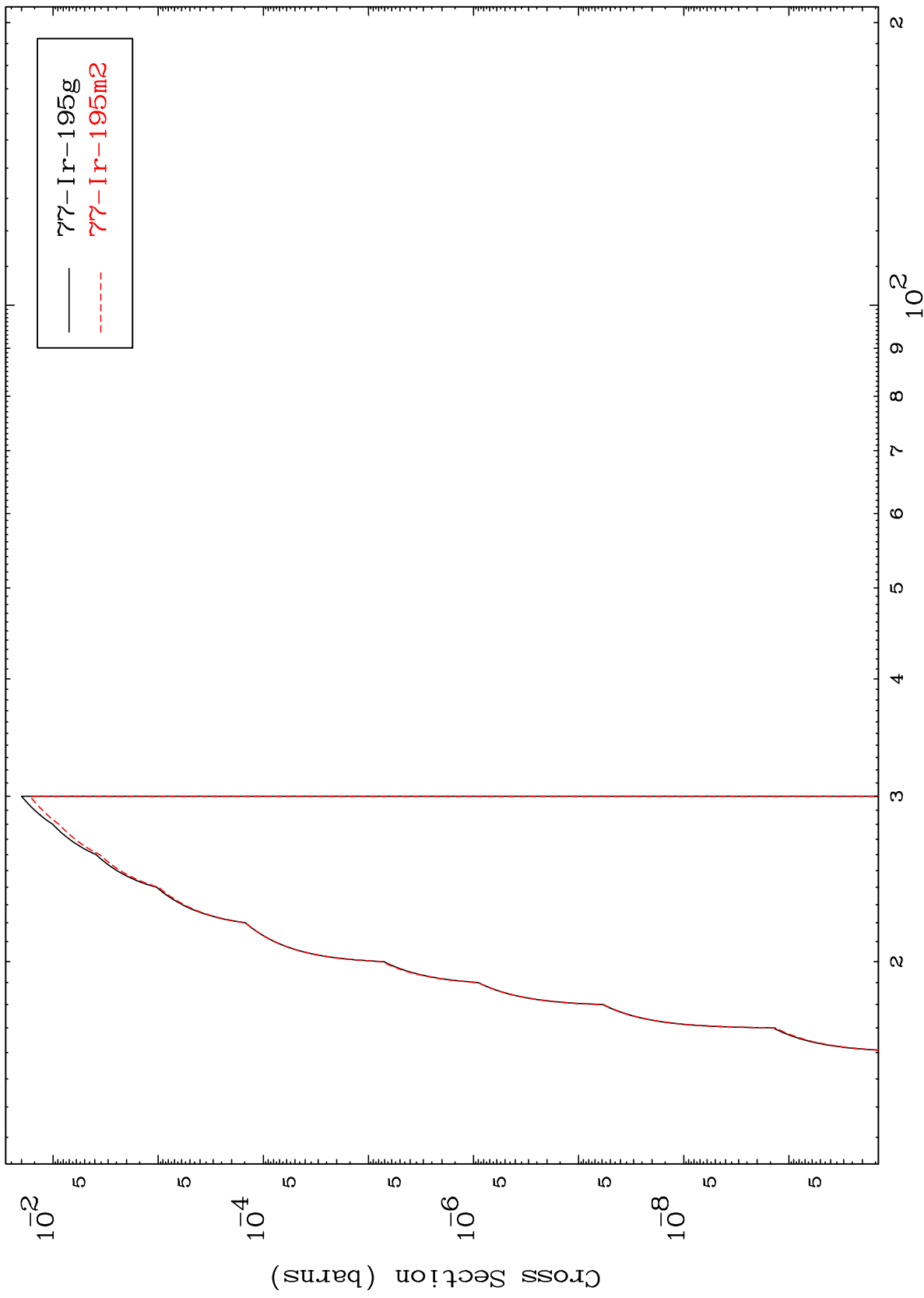
77-Ir-197m

MAT 7744

(n,2n) p

77-Ir-197m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

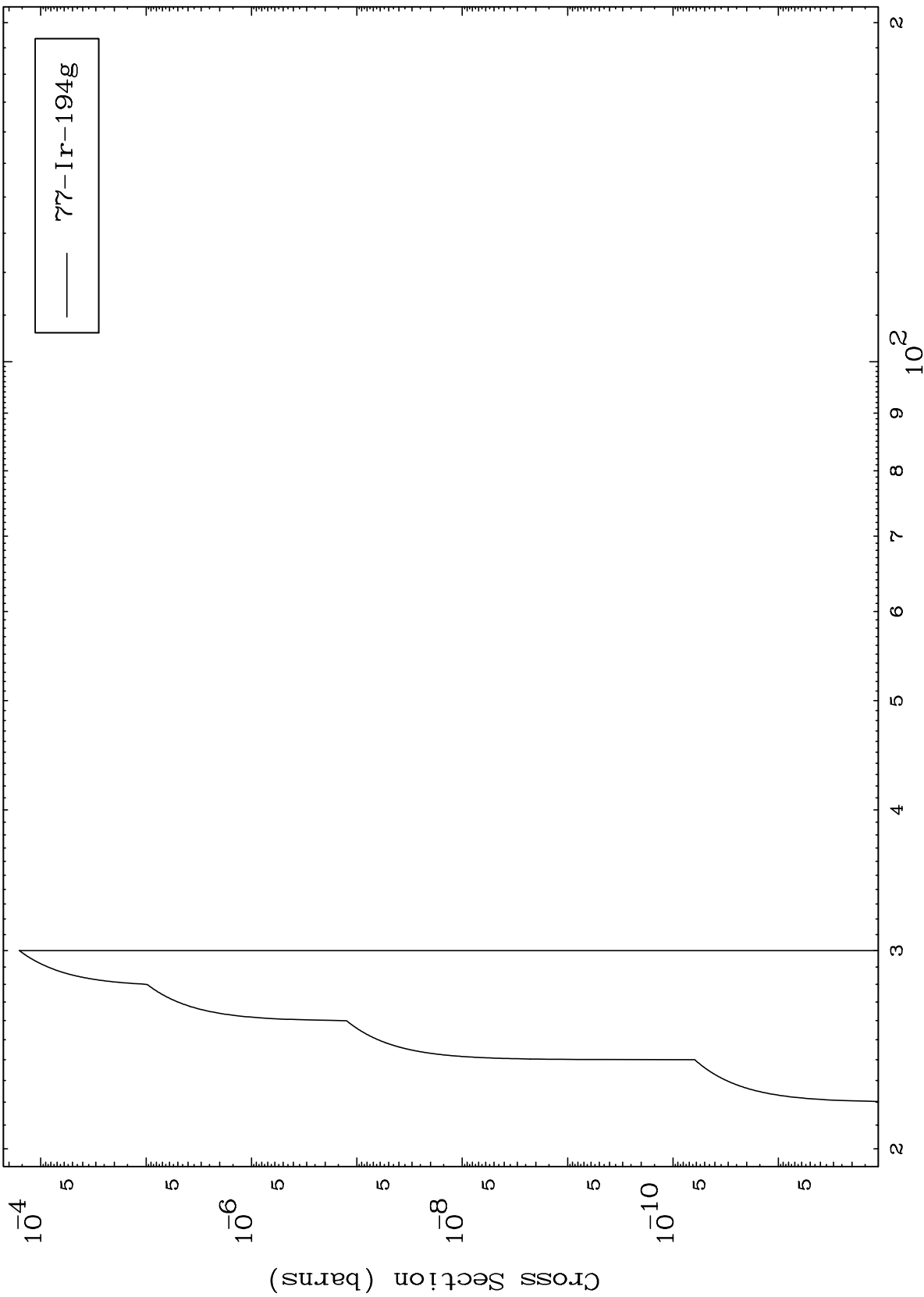
77-Ir-197m

MAT 7744

(n,3n) p

77-Ir-197m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

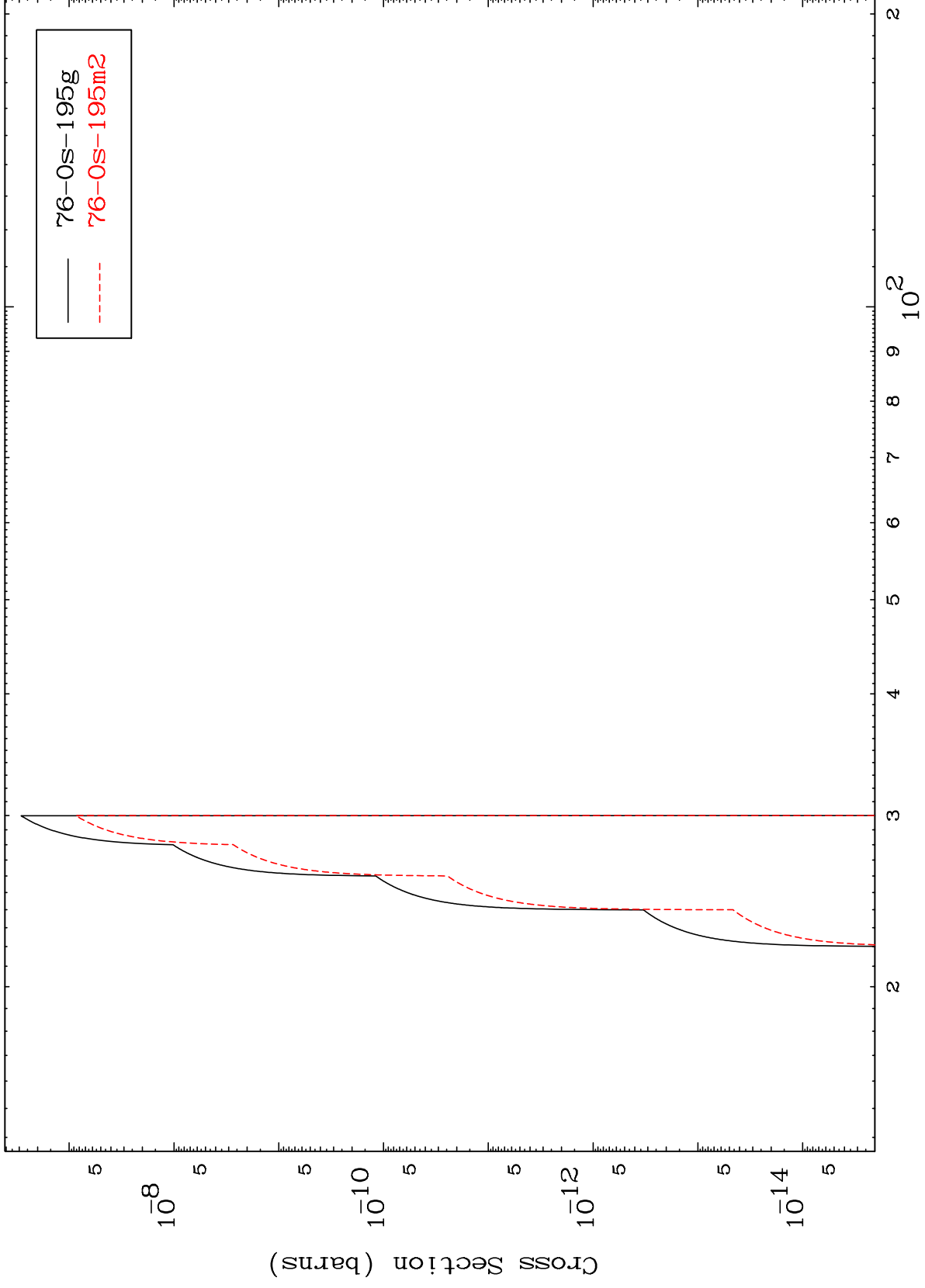
77-Ir-197m

MAT 7744

(n,2n) p

⁷⁷Ir-197m

Radionuclide Production Cross Section



22

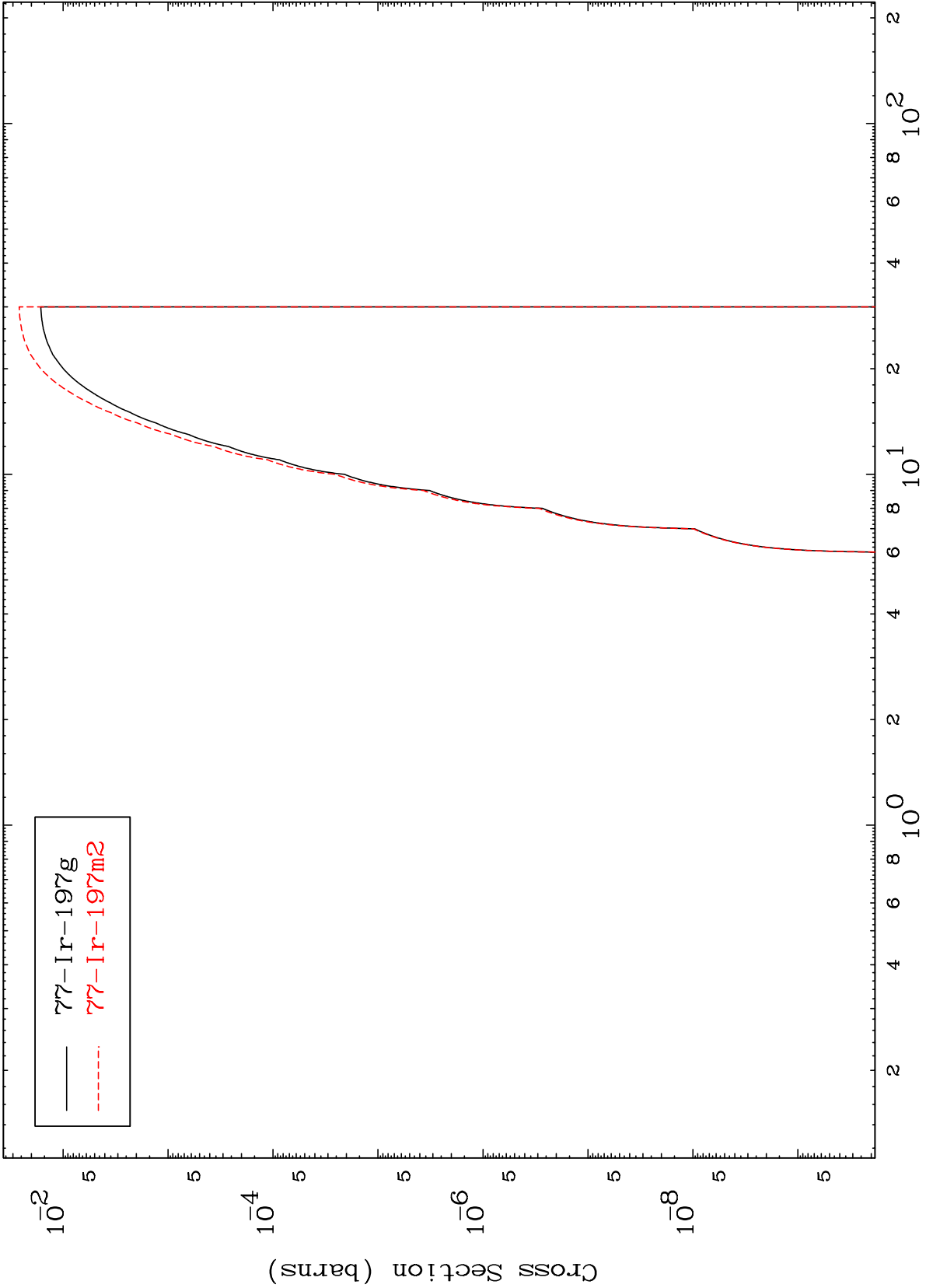
Incident Energy (MeV)

⁷⁷Ir-197m

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⁷⁷Ir-197m

Radionuclide Production Cross Section (n,p)



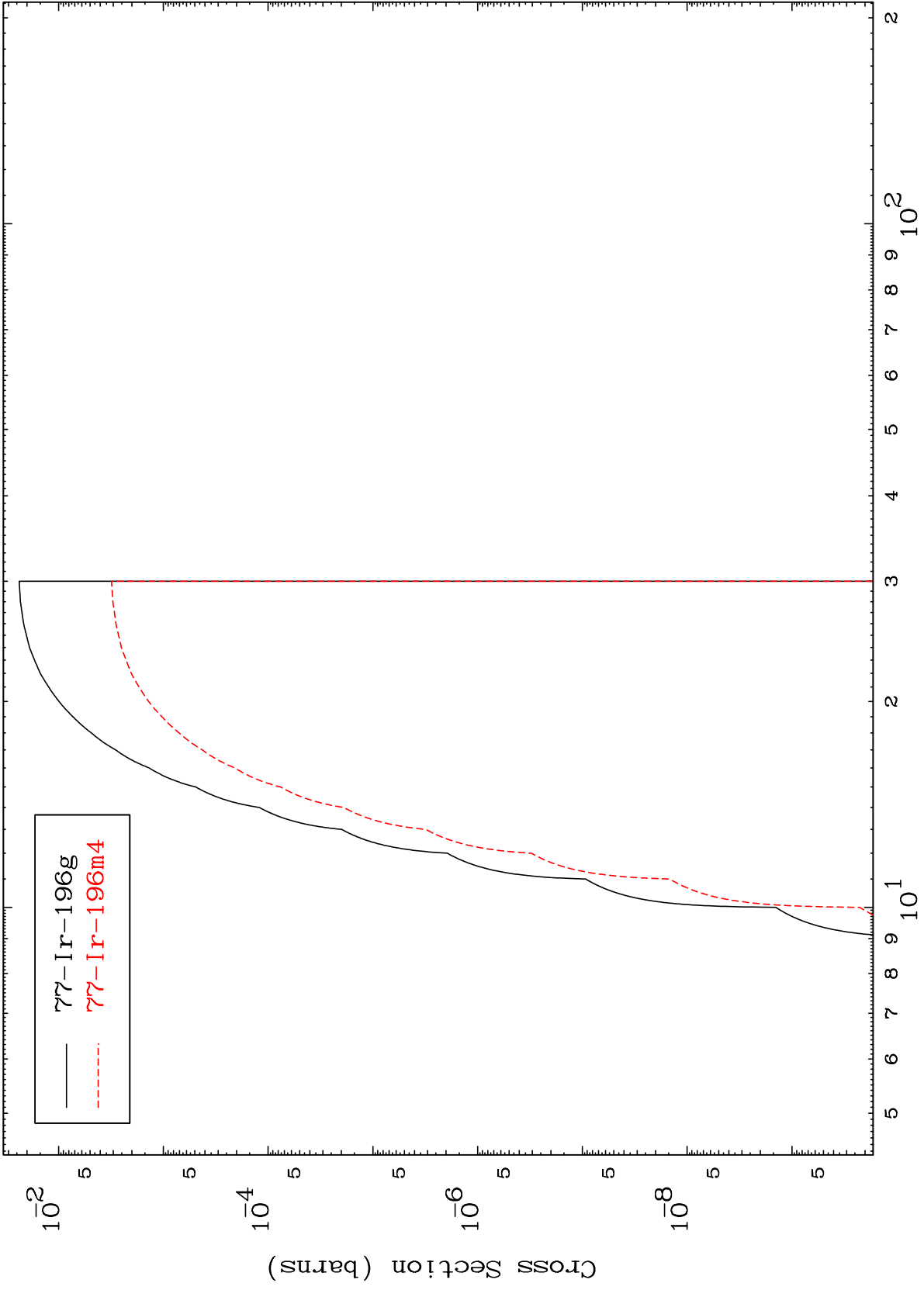
⁷⁷Ir-197m

Incident Energy (MeV)

MAT 7744

77-Ir-197m

(n,d)
Radionuclide Production Cross Section



24

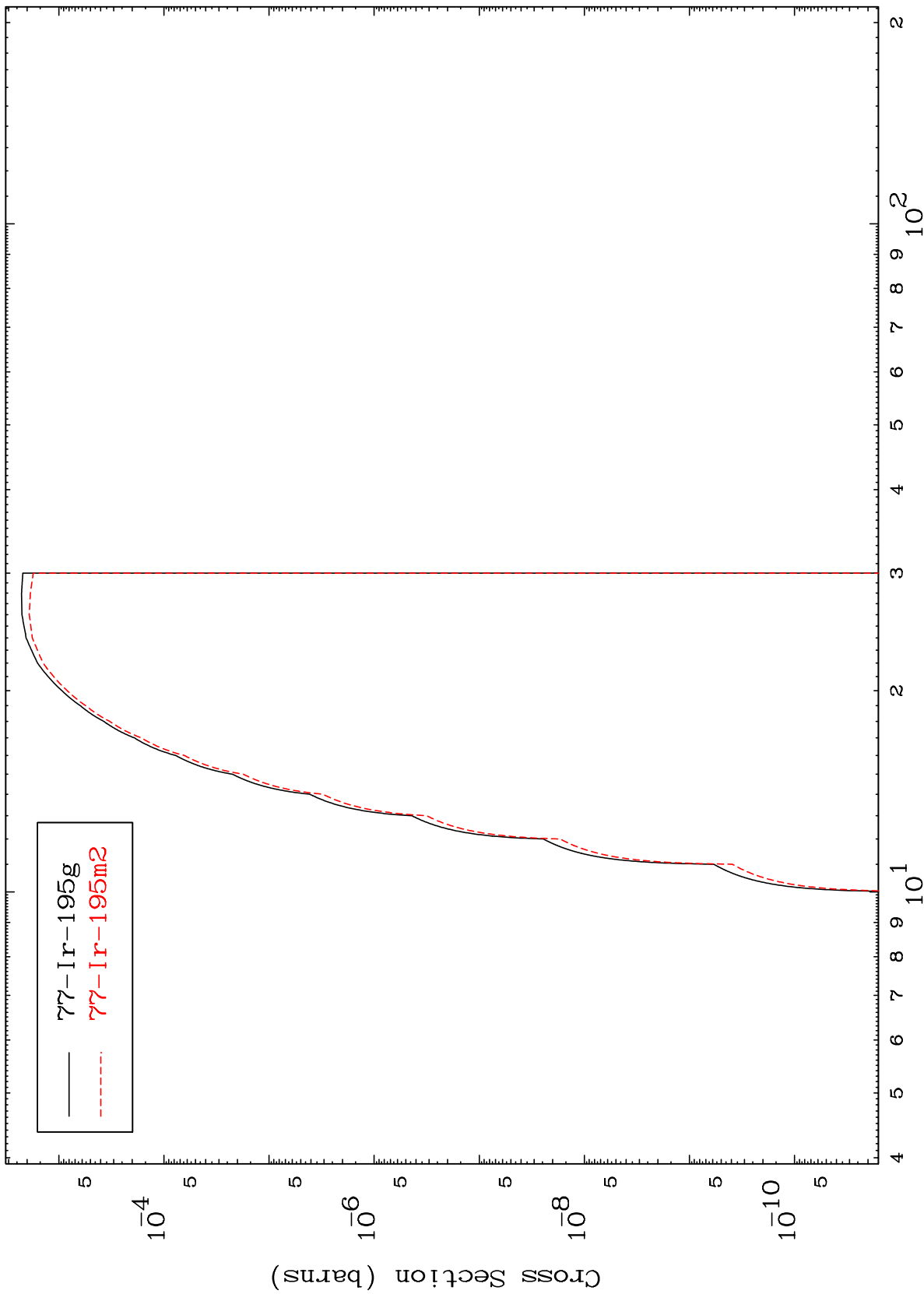
Incident Energy (MeV)

77-Ir-197m

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77-Ir-197m

Radionuclide Production Cross Section (n, t)



77-Ir-195g
77-Ir-195m2

77-Ir-197m

Incident Energy (MeV)

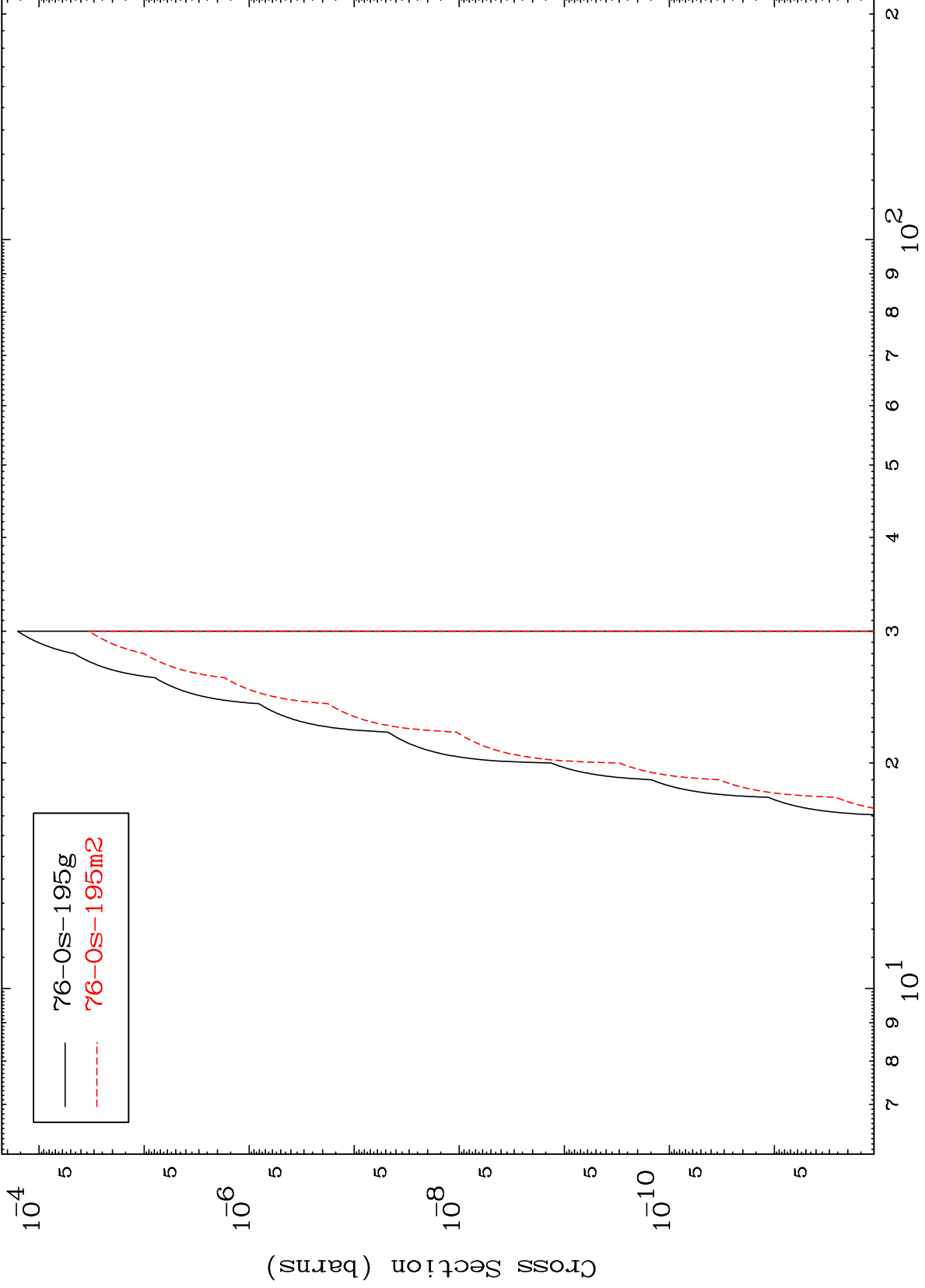
25

MAT 7744

(n,He-3)

77-Ir-197m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

77-Ir-197m