

Program EVALPLOT
(Version 2021-1)

by

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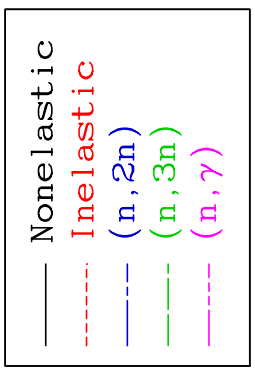
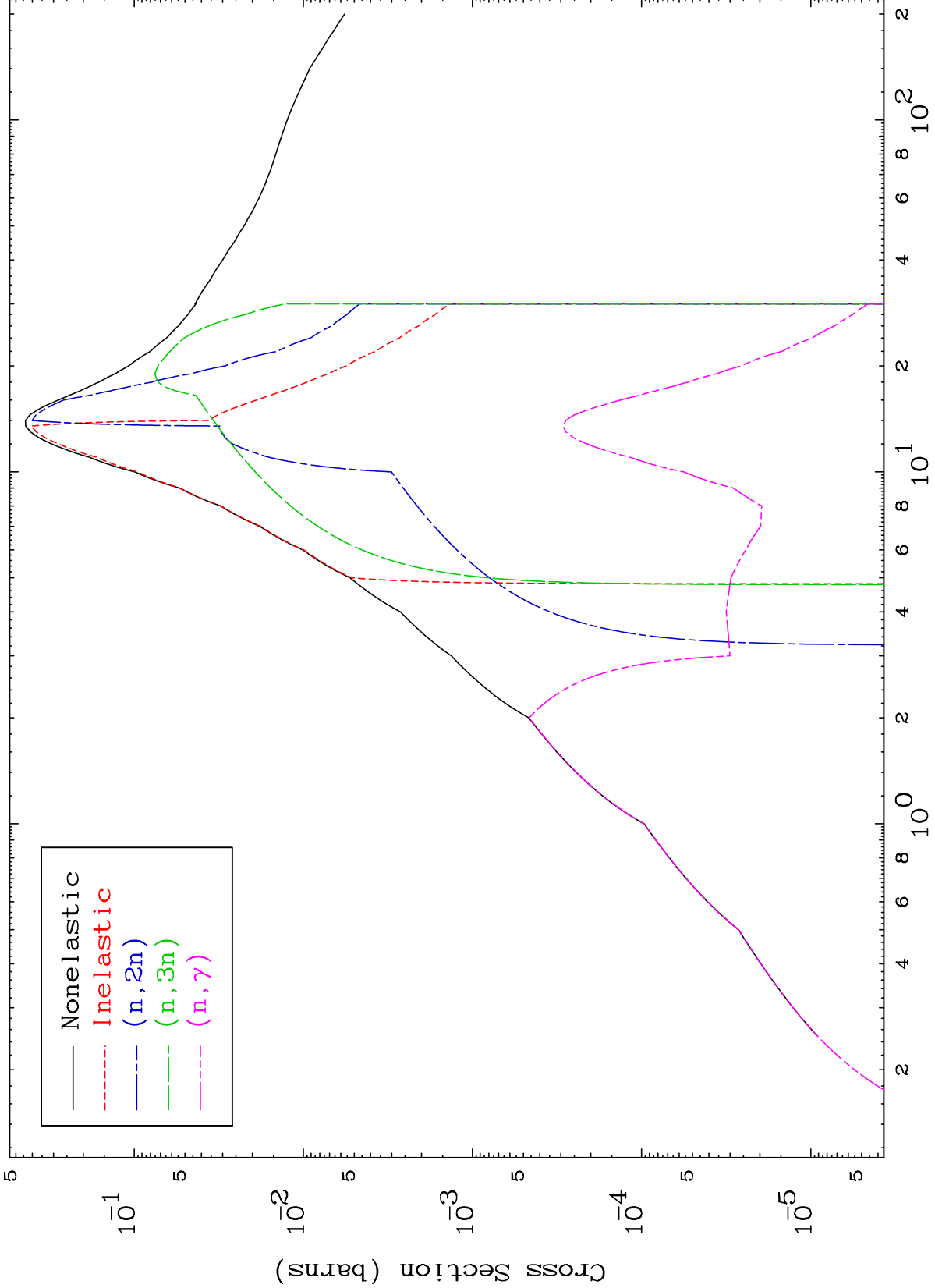
Press Mouse Button to Start

MAT 7735

Photon Major

77-Ir-194m

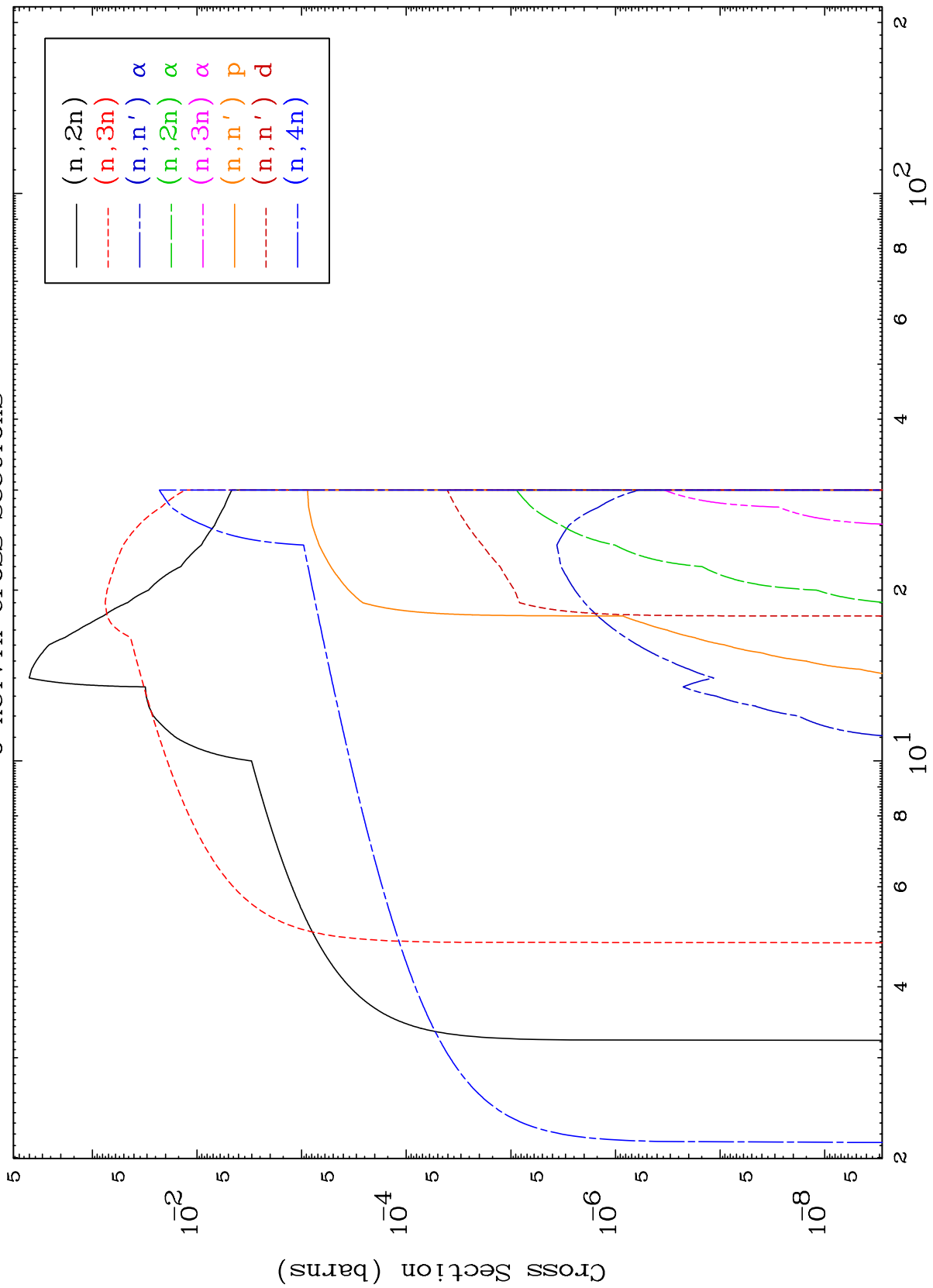
0 Kelvin Cross Sections



MAT 7735

Photon Neutron Absorption
0 Kelvin Cross Sections

77-Ir-194m



2

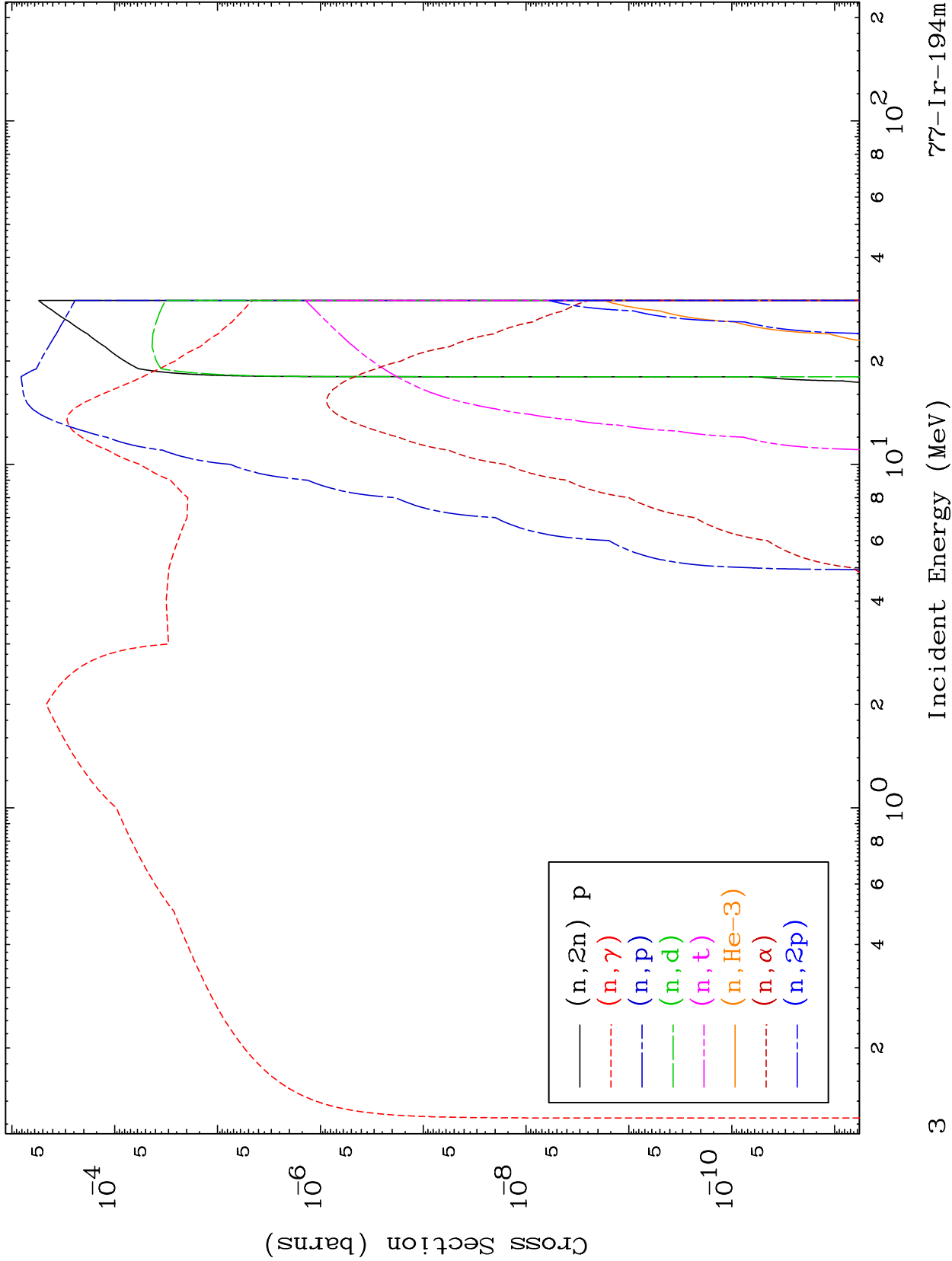
Incident Energy (MeV)

77-Ir-194m

MAT 7735

Photon Neutron Absorption
0 Kelvin Cross Sections

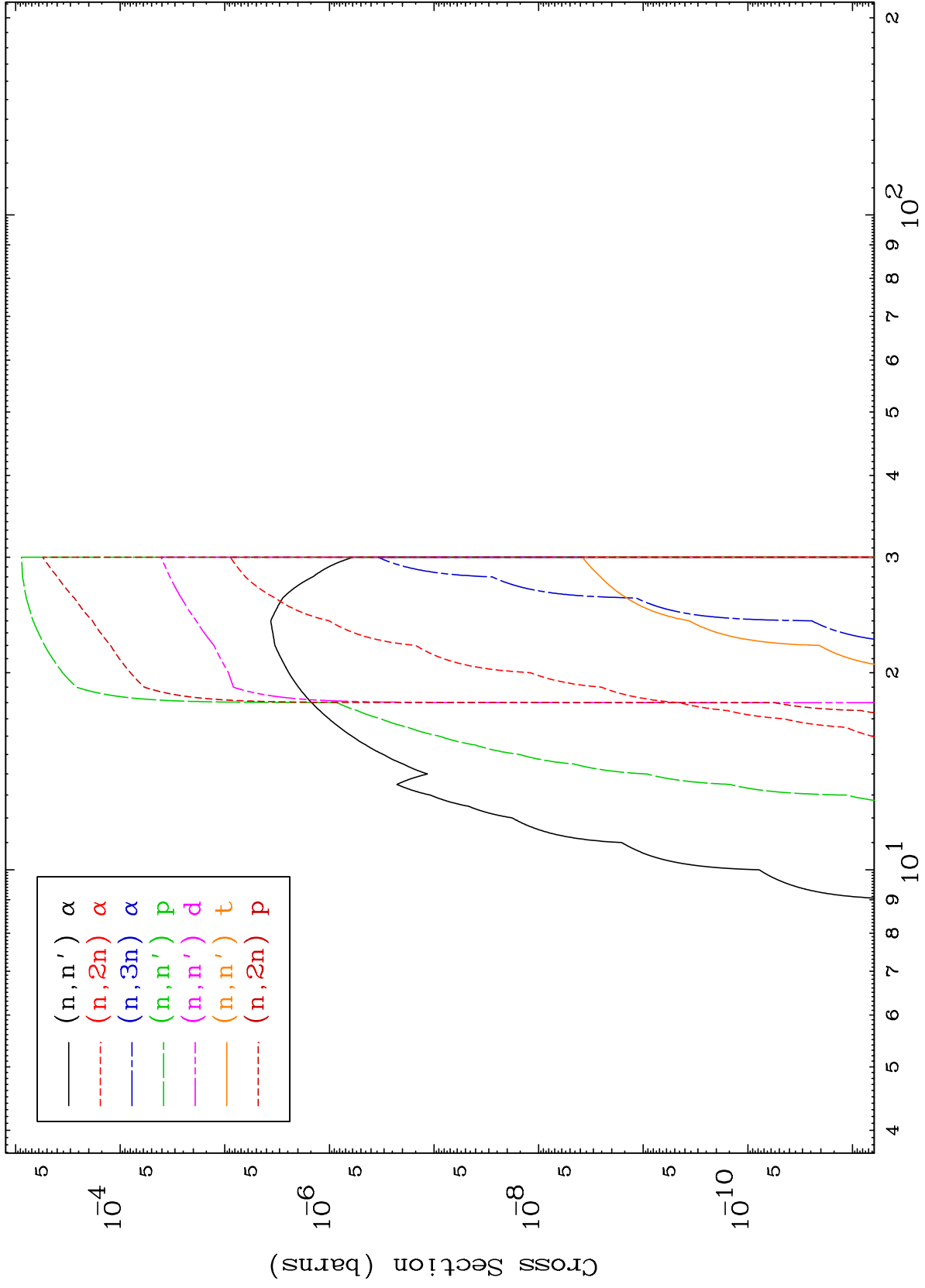
77-Ir-194m



MAT 7735

Photon Charged Particle
0 Kelvin Cross Sections

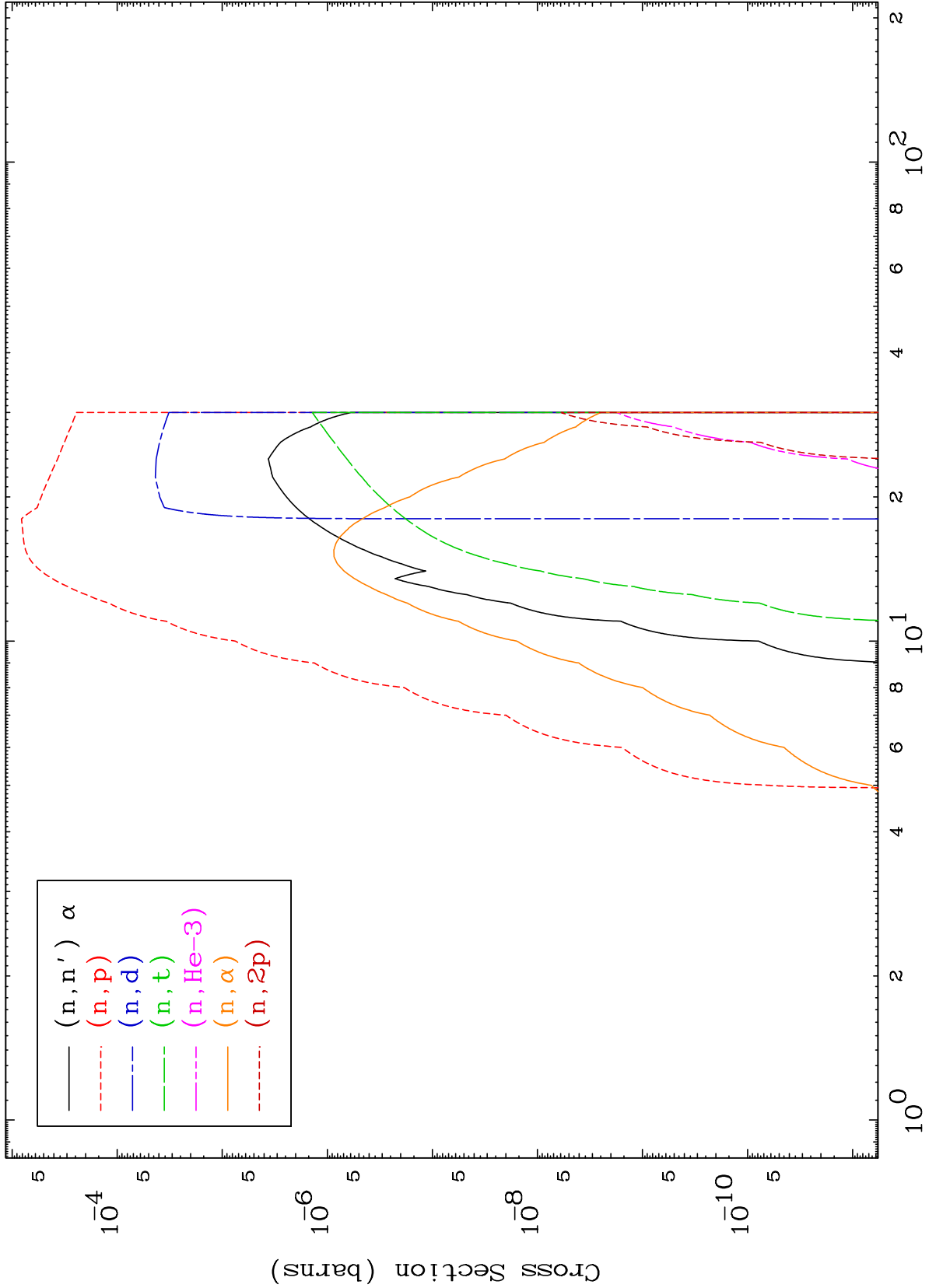
77-Ir-194m



MAT 7735

Photon Charged Particle
0 Kelvin Cross Sections

77-Ir-194m



77-Ir-194m

Incident Energy (MeV)

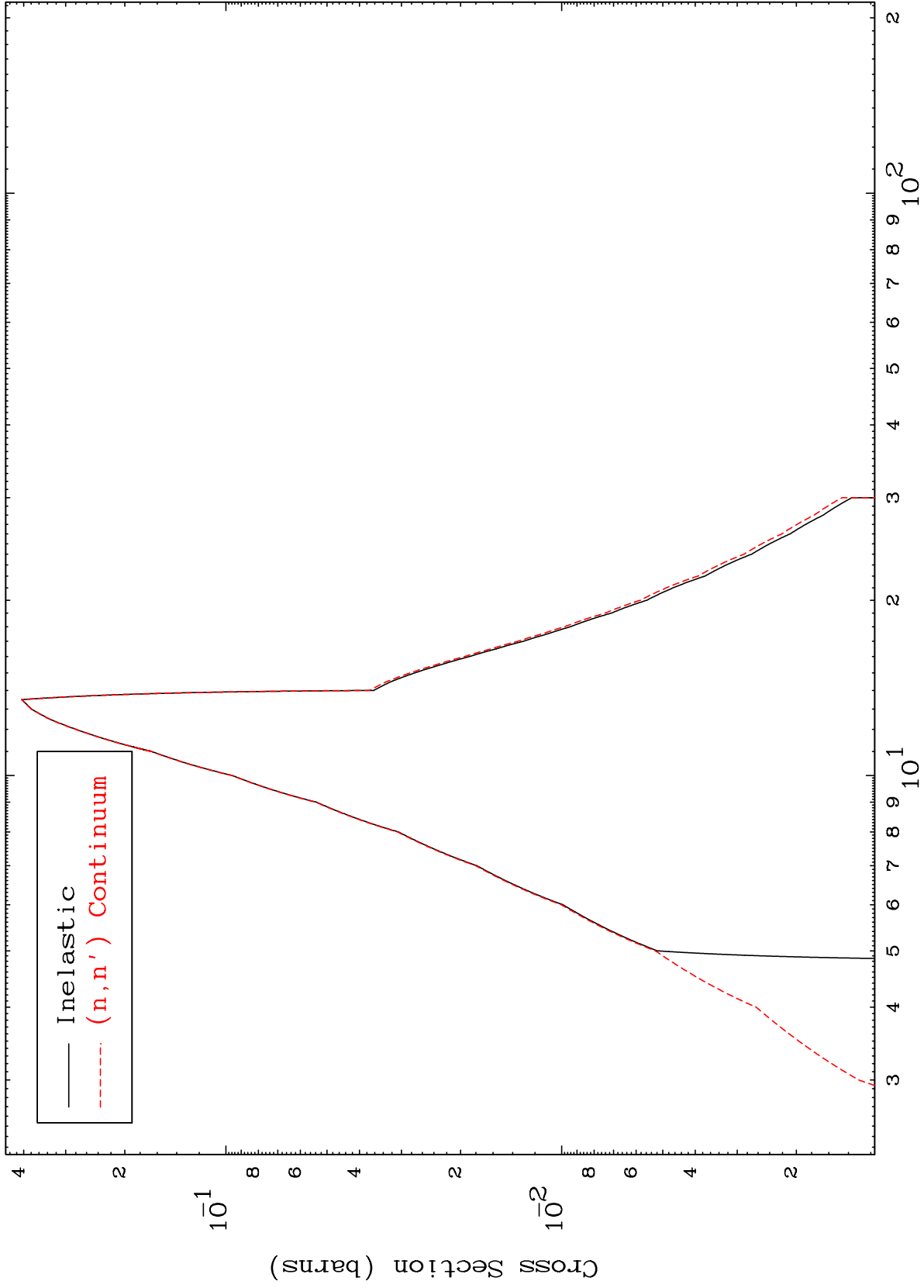
5

MAT 7735

(γ, n') Levels

77-Ir-194m

0 Kelvin Cross Sections

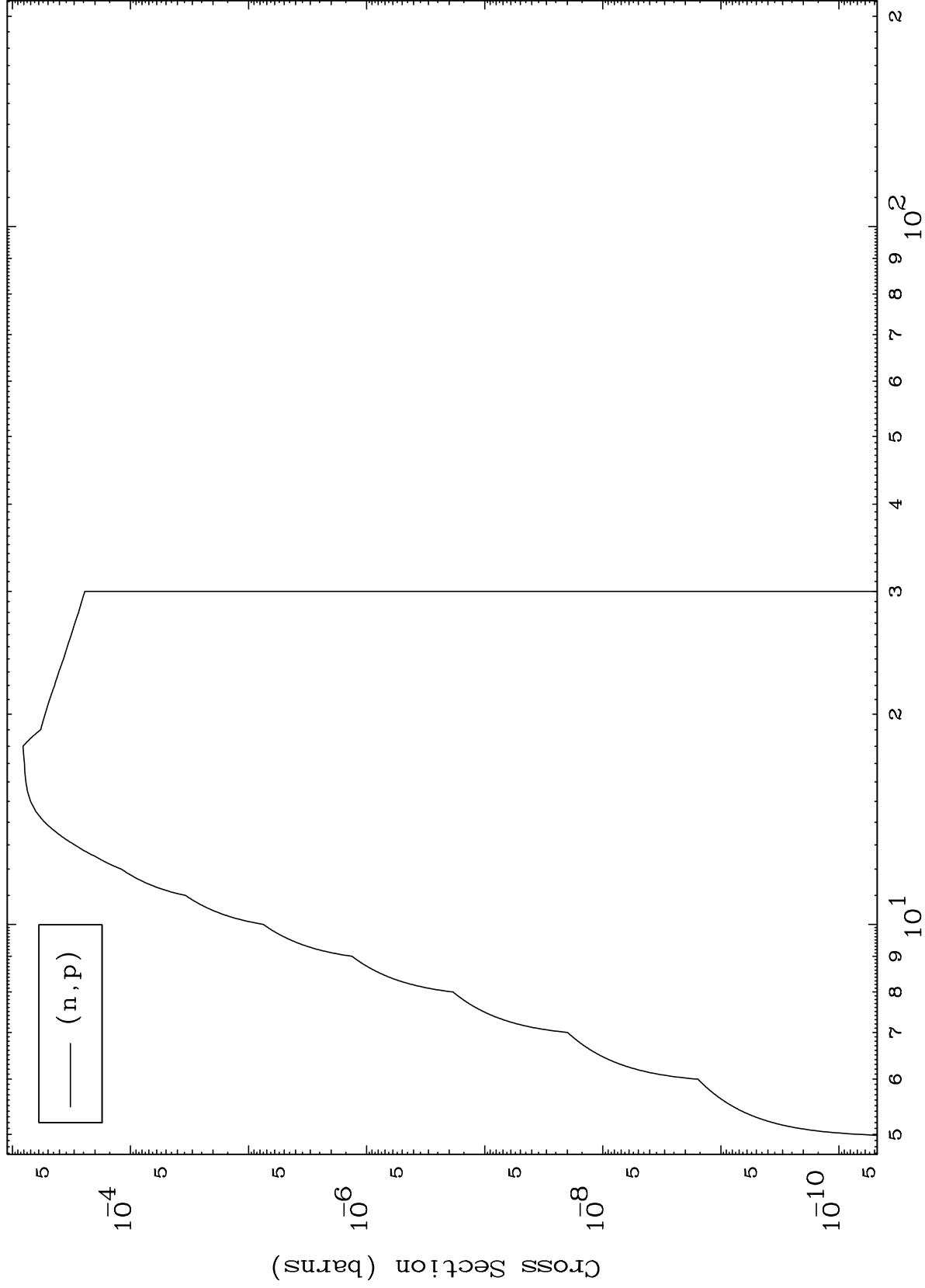


MAT 7735

(γ, p) Levels

77-Ir-194m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

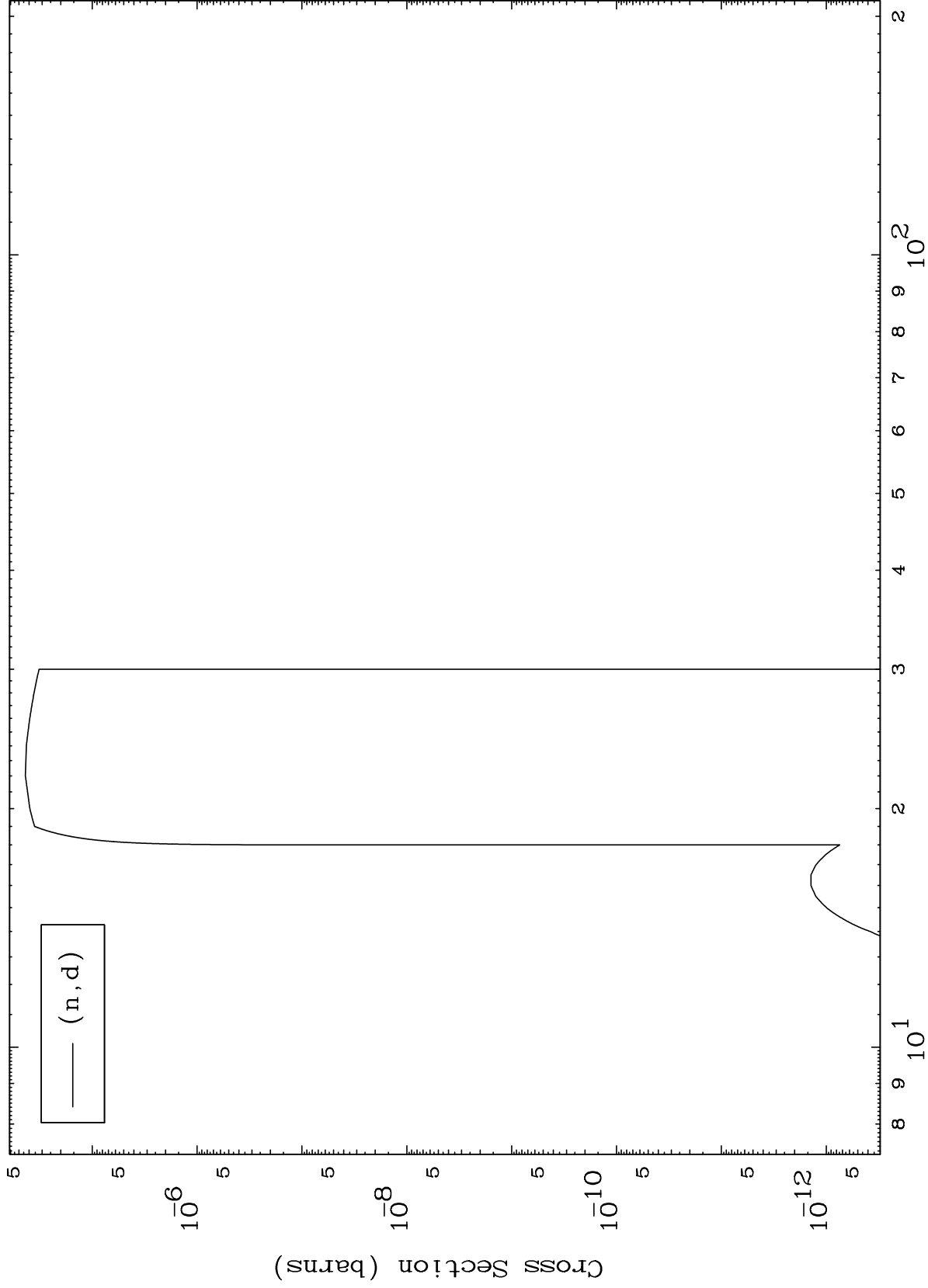
77-Ir-194m

MAT 7735

(γ, d) Levels

⁷⁷Ir-194m

0 Kelvin Cross Sections



8

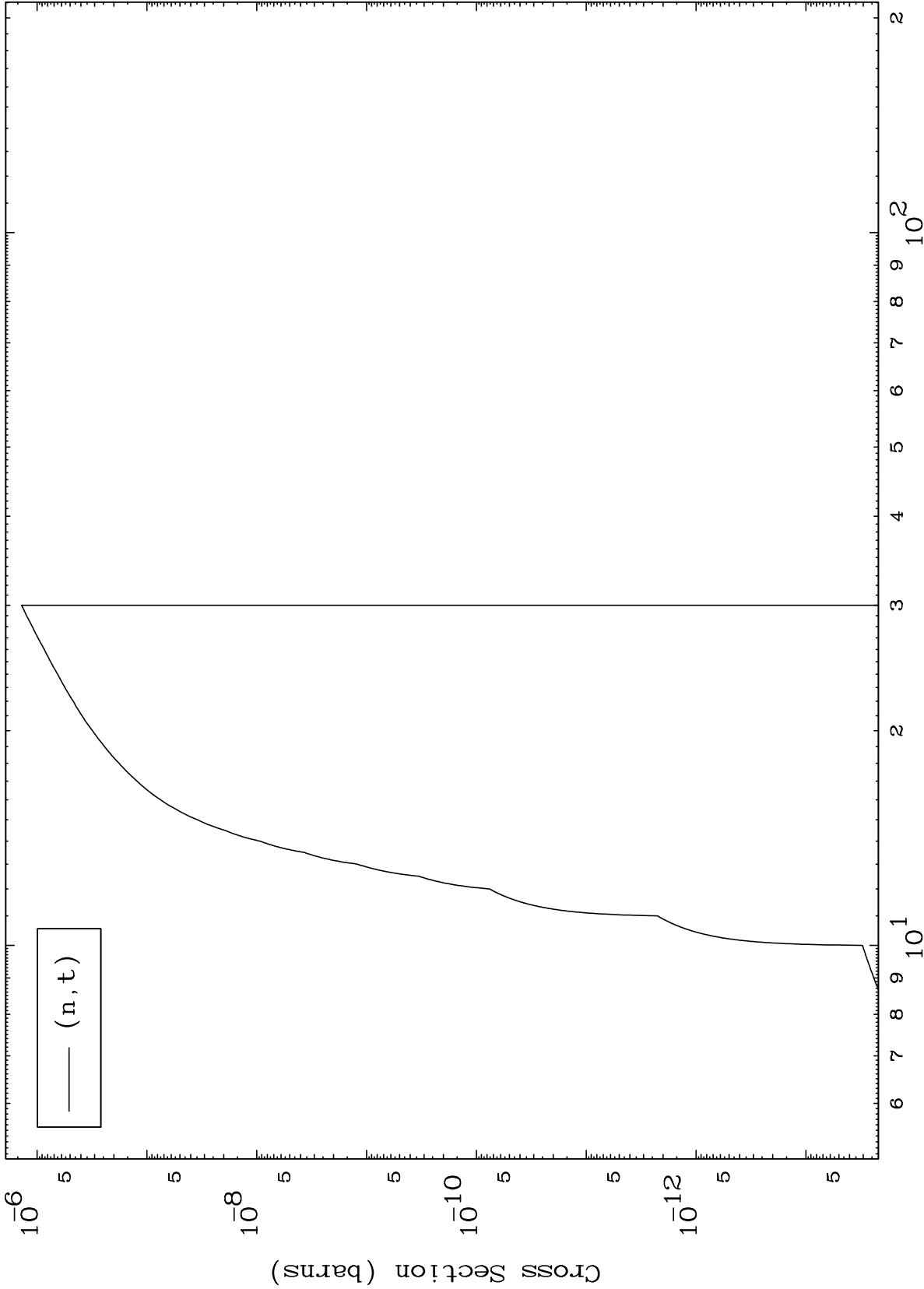
Incident Energy (MeV)

⁷⁷Ir-194m

MAT 7735

(γ, t) Levels
0 Kelvin Cross Sections

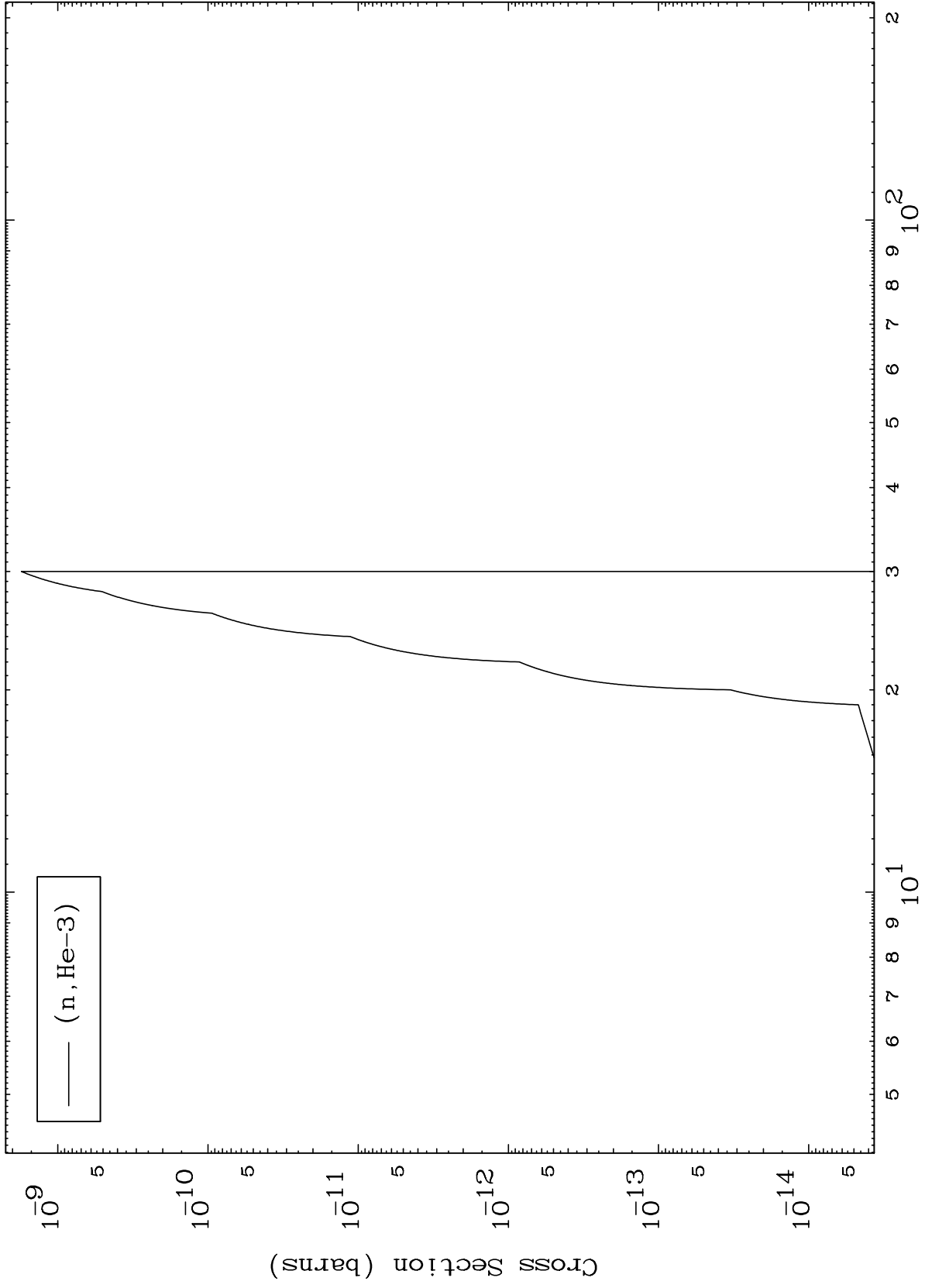
77-Ir-194m



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(γ , He3) Levels
0 Kelvin Cross Sections

77-Ir-194m



10

Incident Energy (MeV)

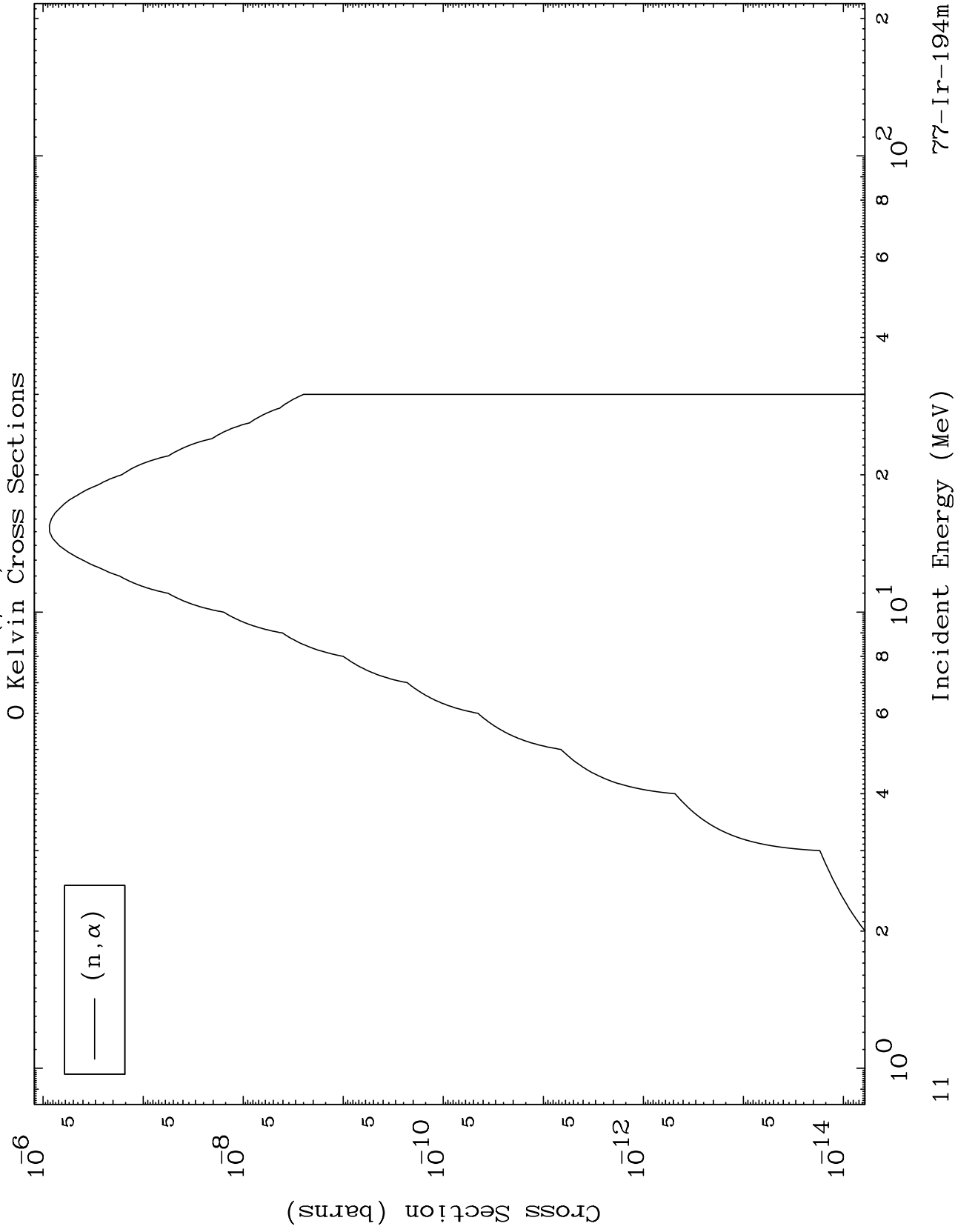
77-Ir-194m

MAT 7735

(γ, α) Levels

77-Ir-194m

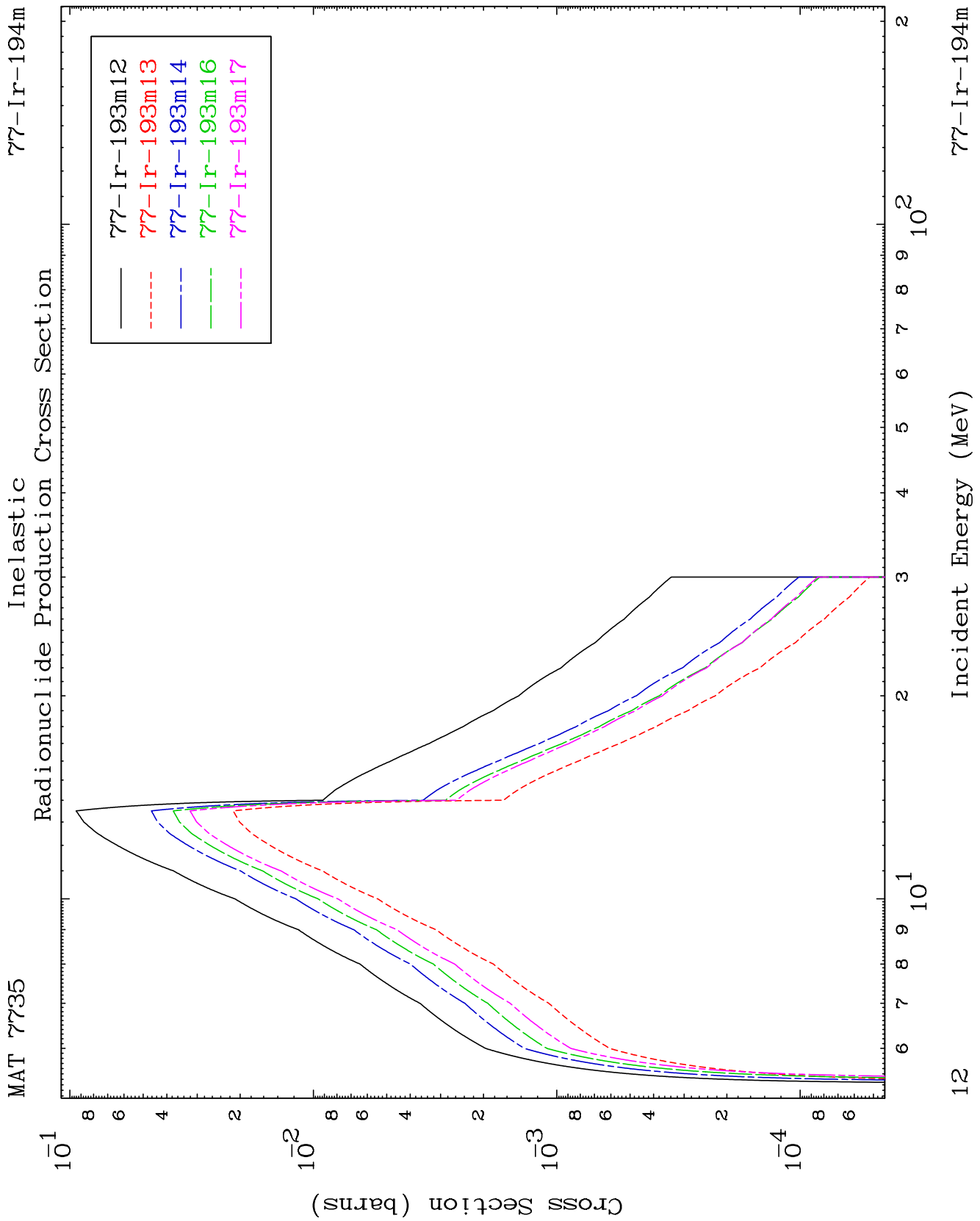
0 Kelvin Cross Sections

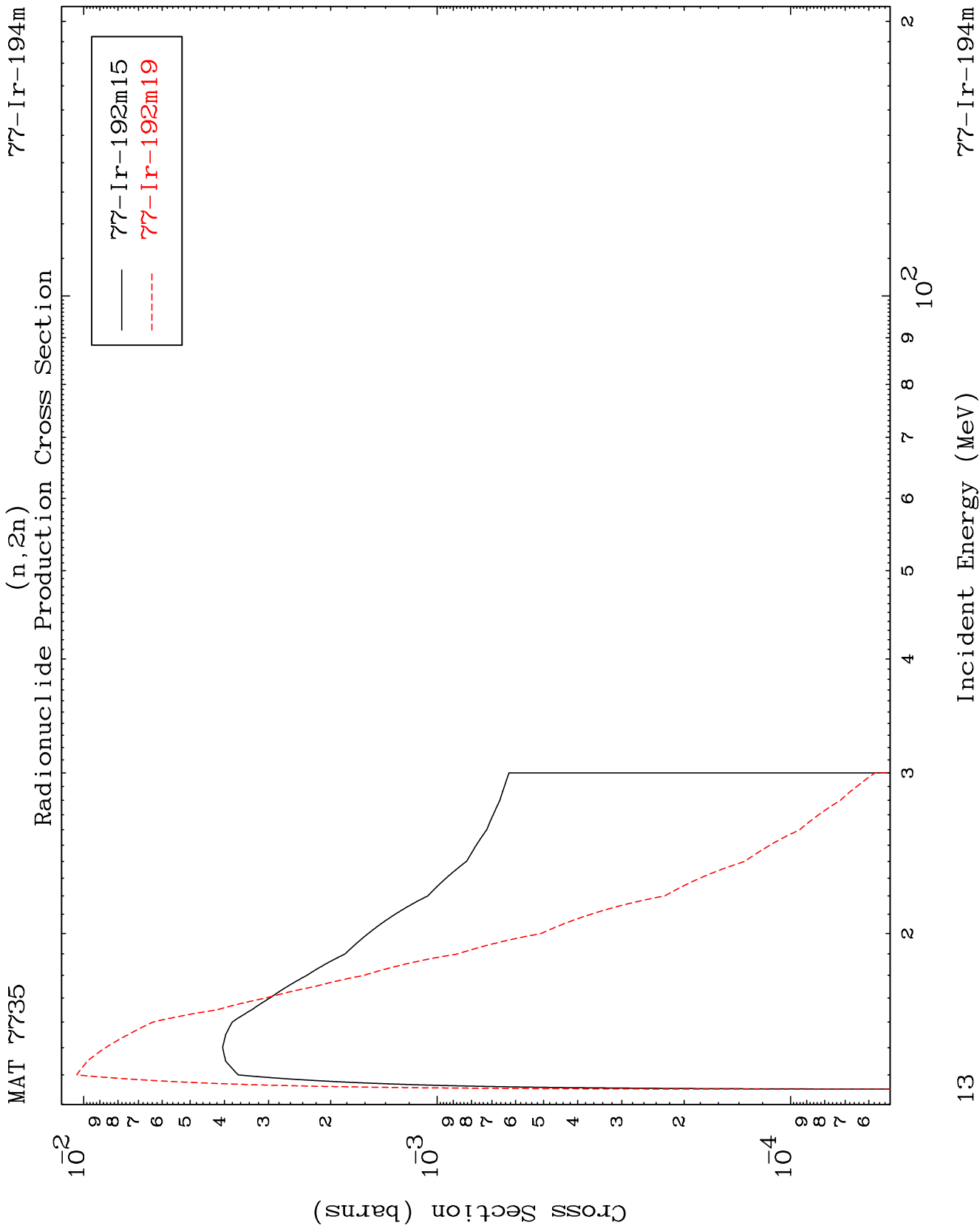


Incident Energy (MeV)

77-Ir-194m

11



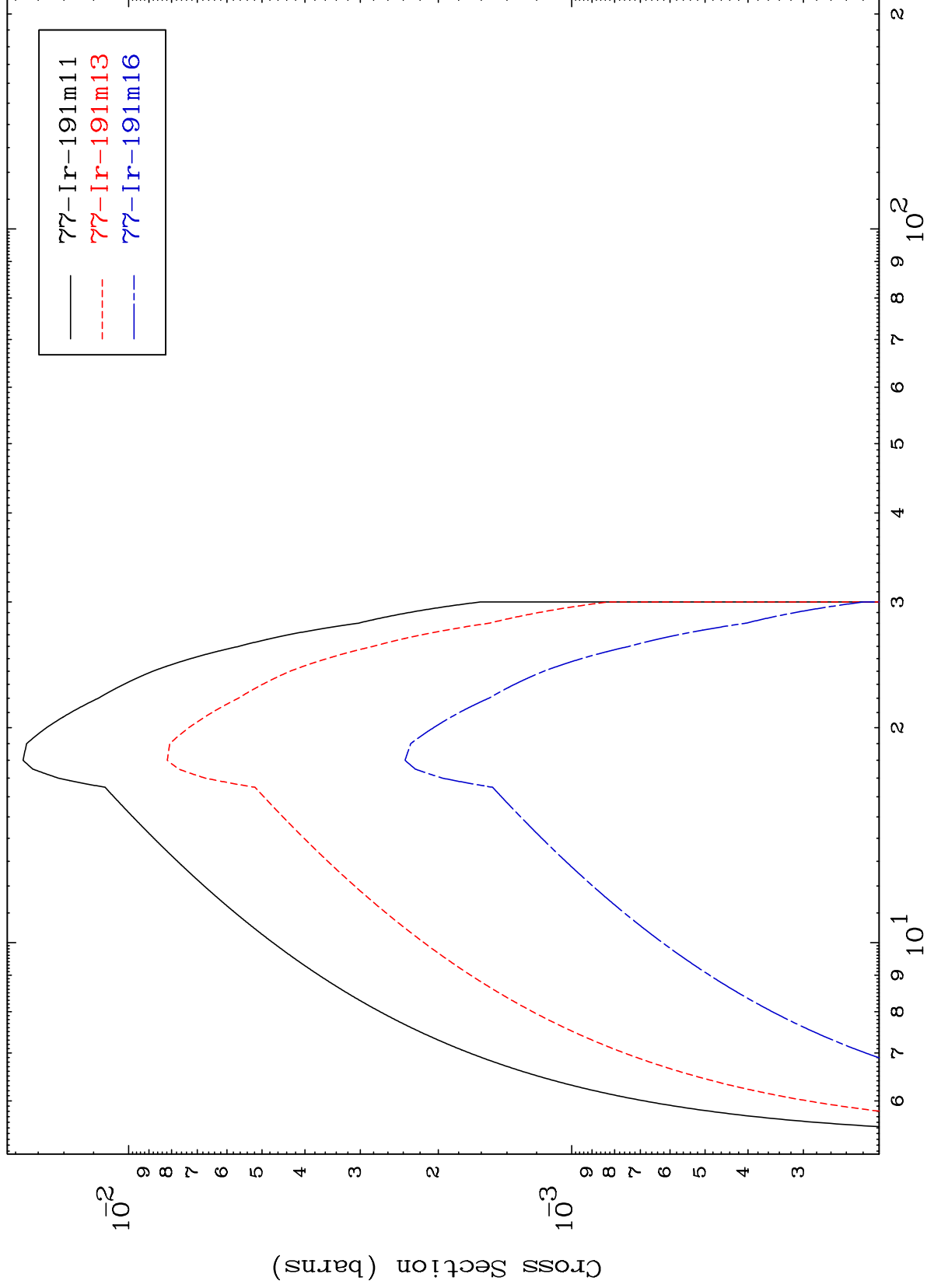


MAT 7735

(n,3n)

⁷⁷Ir-¹⁹⁴m

Radionuclide Production Cross Section



14

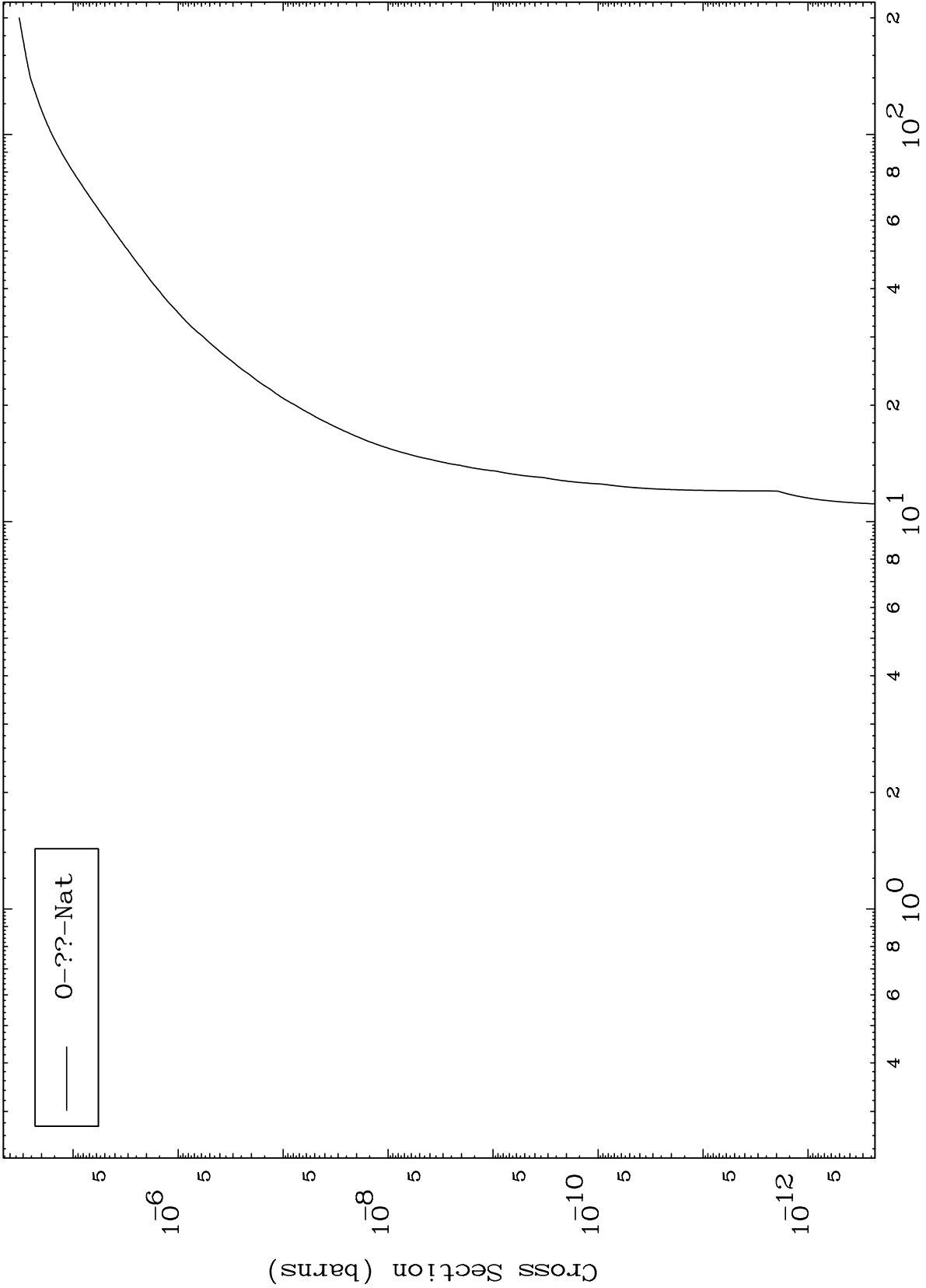
Incident Energy (MeV)

⁷⁷Ir-¹⁹⁴m

MAT 7735

Fission
Radionuclide Production Cross Section

⁷⁷Ir-194m

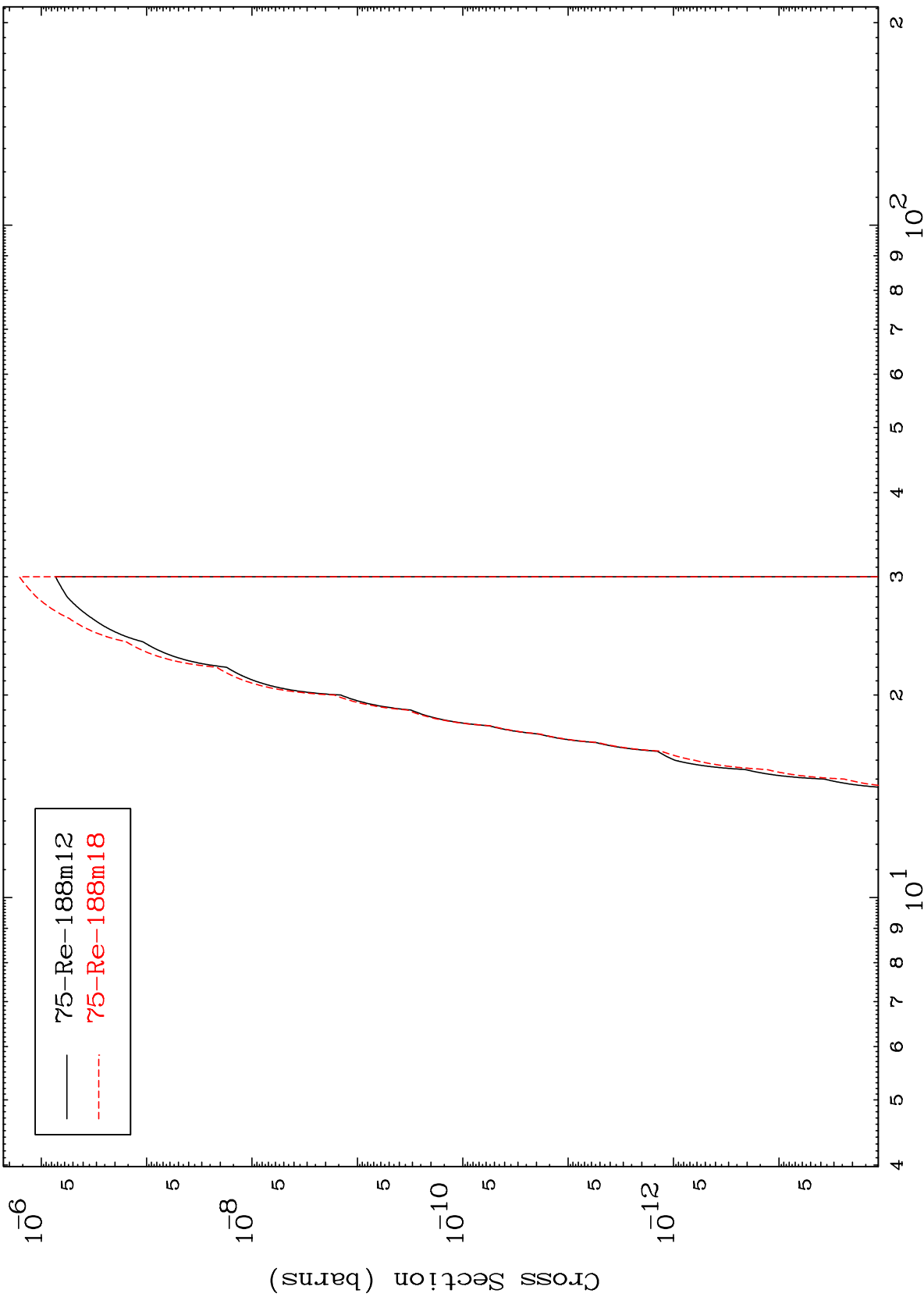


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(n,2n) α

77-Ir-194m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

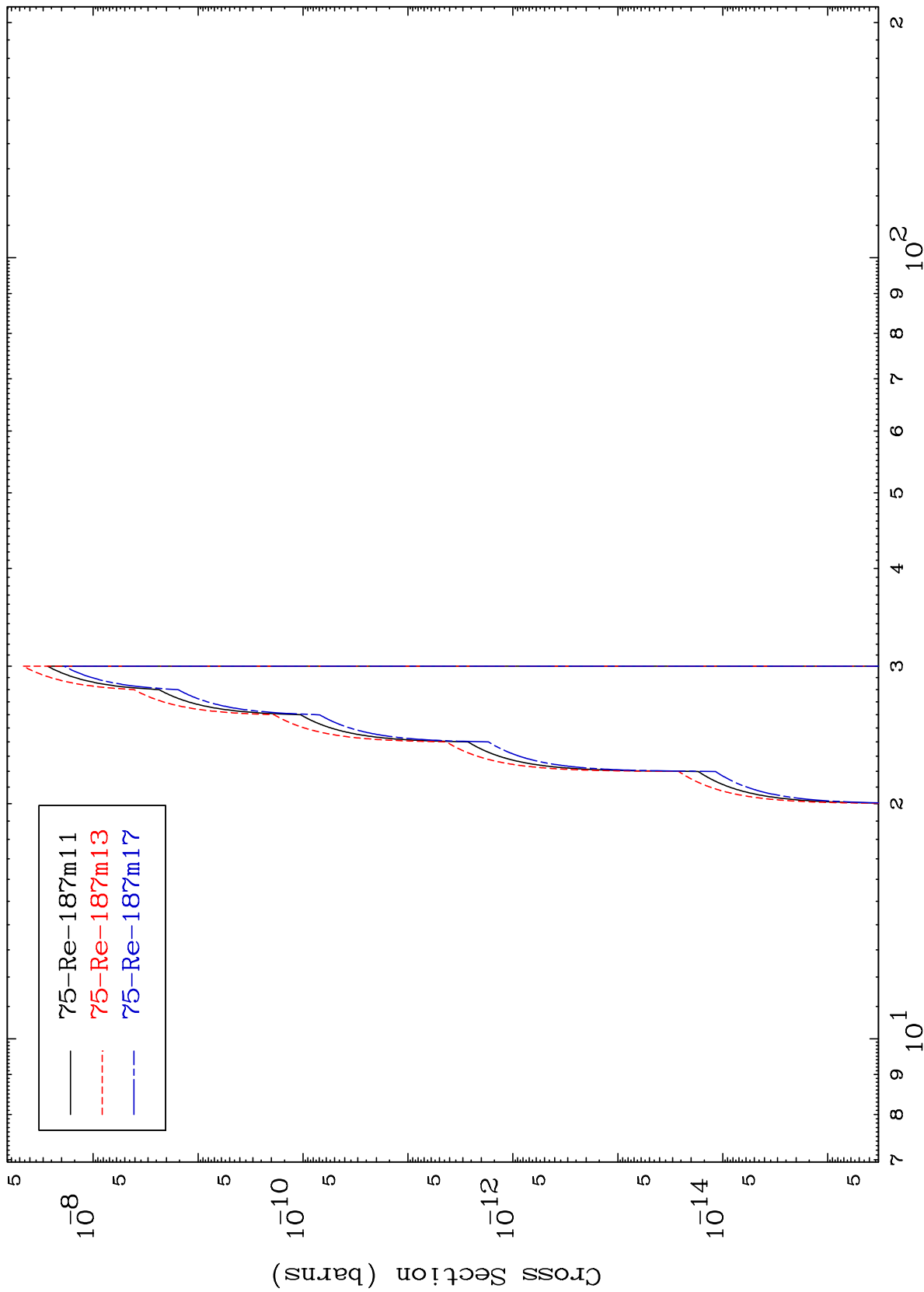
77-Ir-194m

MAT 7735

(n,3n) α

77-Ir-194m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

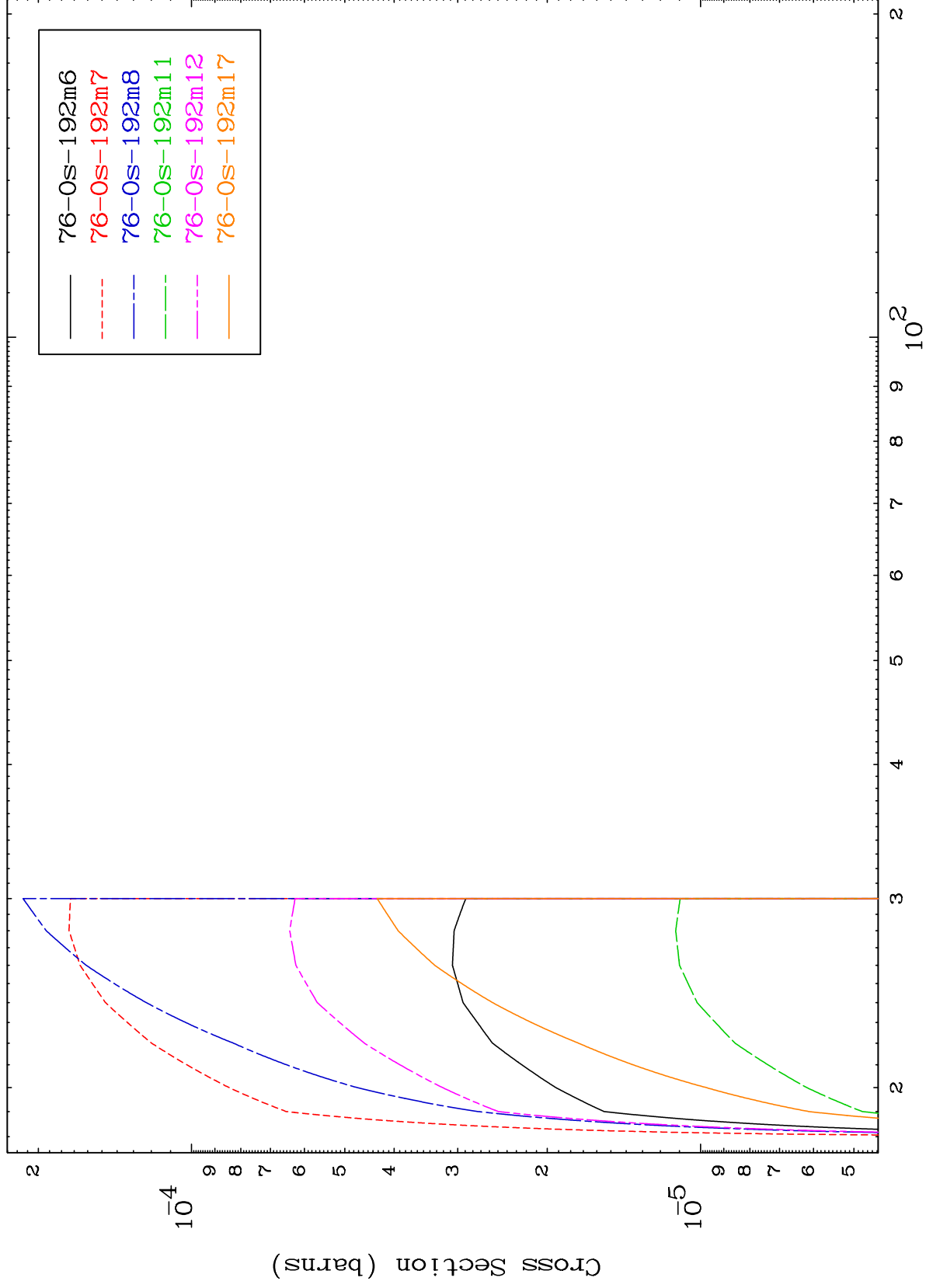
77-Ir-194m

MAT 7735

(n, n') p

77-Ir-194m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

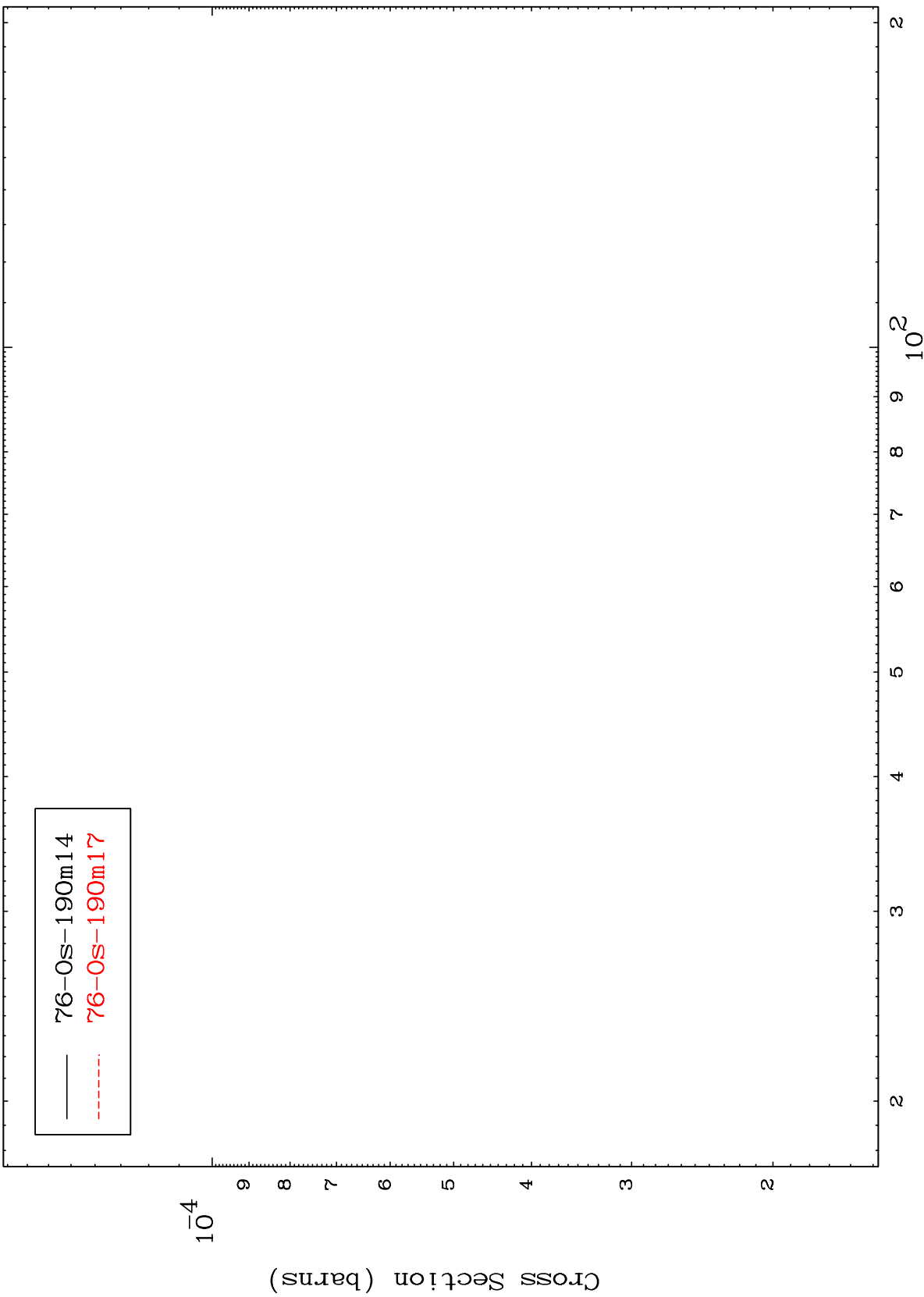
77-Ir-194m

MAT 7735

(n,n') t

⁷⁷Ir-194m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

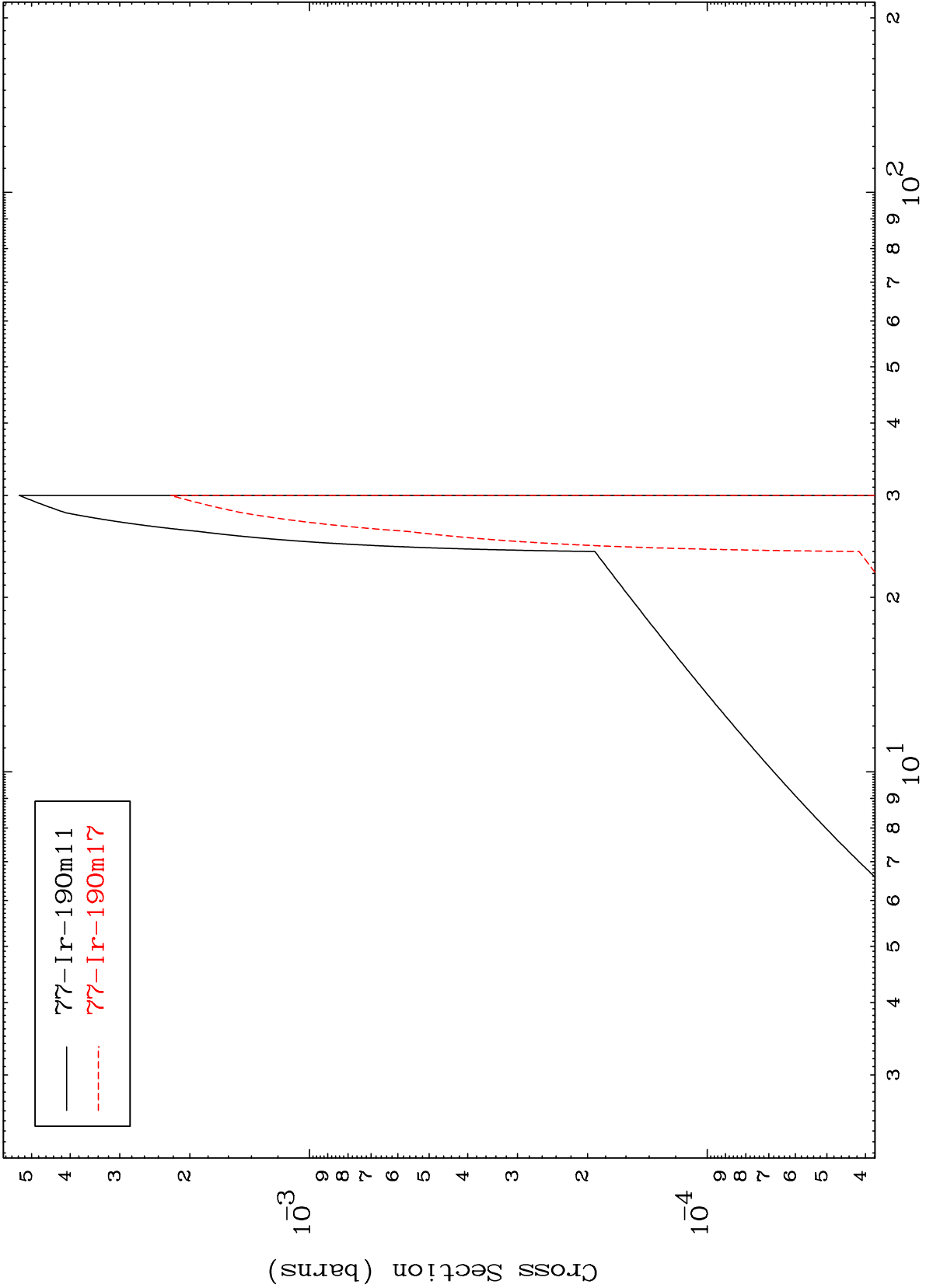
⁷⁷Ir-194m

MAT 7735

(n,4n)

⁷⁷Ir-194m

Radionuclide Production Cross Section



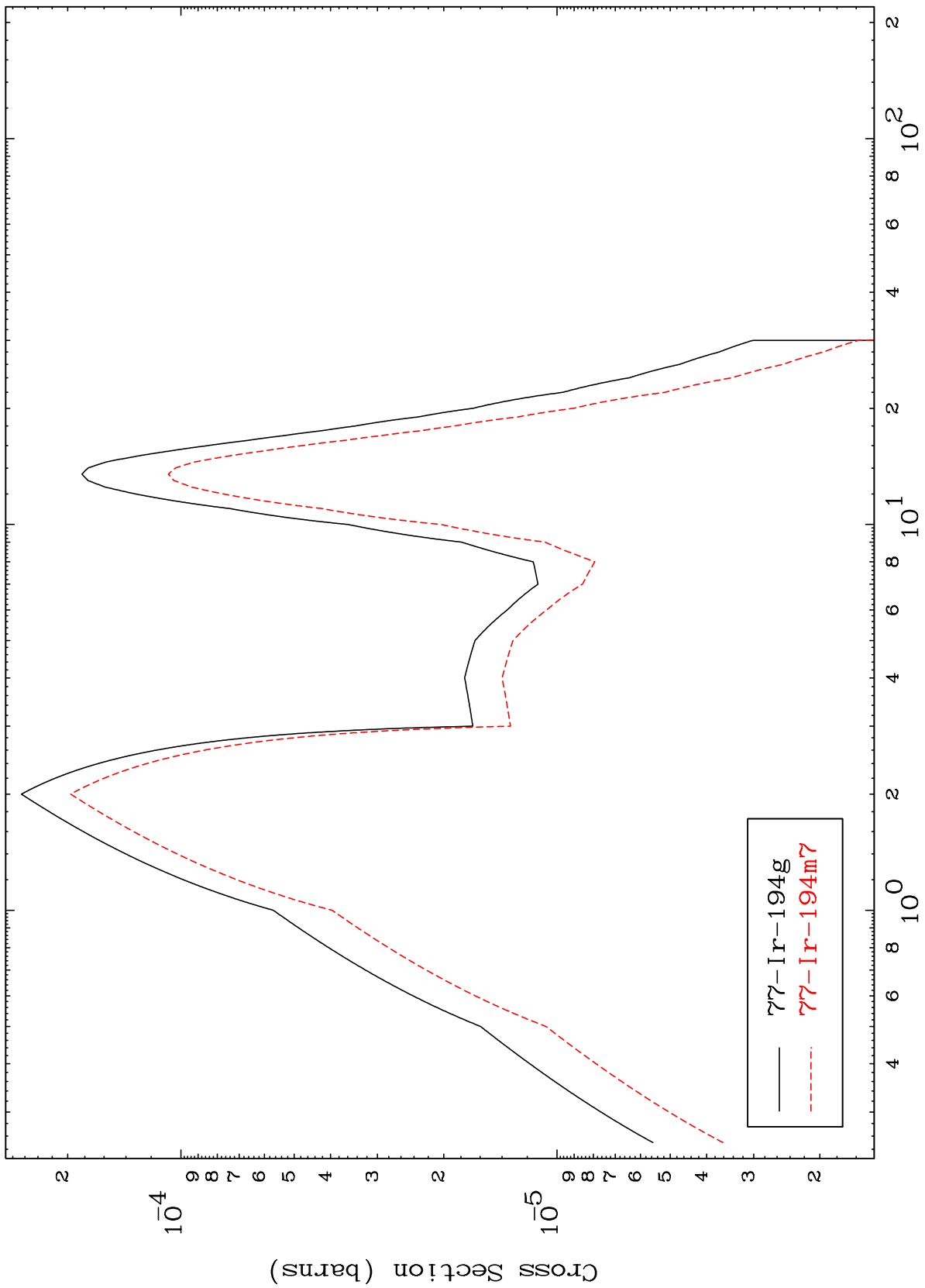
— ⁷⁷Ir-190m11
- - - ⁷⁷Ir-190m17

MAT 7735

⁷⁷Ir-194m

Radionuclide Production Cross Section

(n,γ)



— ⁷⁷Ir-194g
- - - ⁷⁷Ir-194m7

⁷⁷Ir-194m

Incident Energy (MeV)

21

