

Program EVALPLOT
(Version 2018-1)

by

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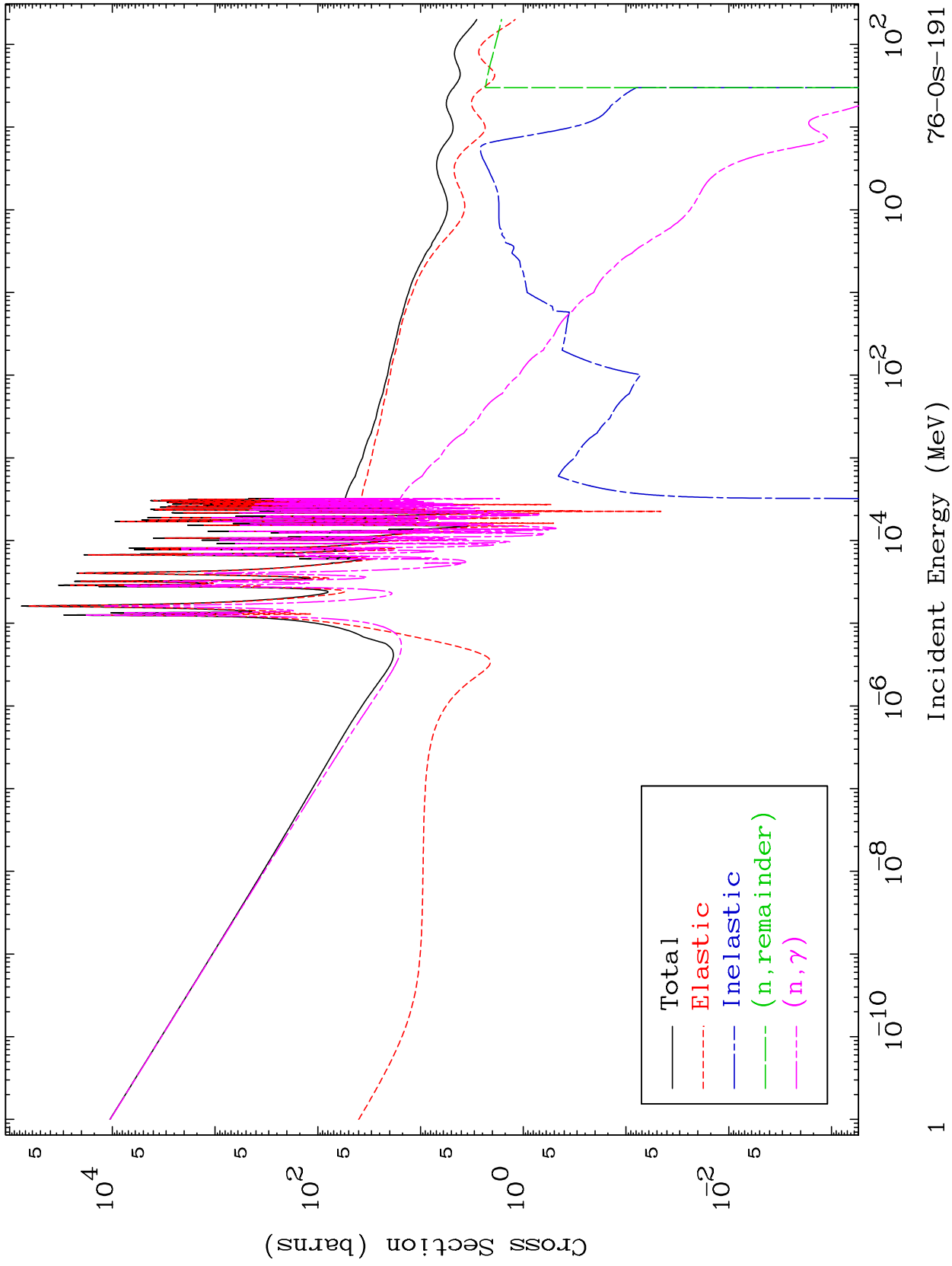
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7647

Major
293 Kelvin Cross Sections

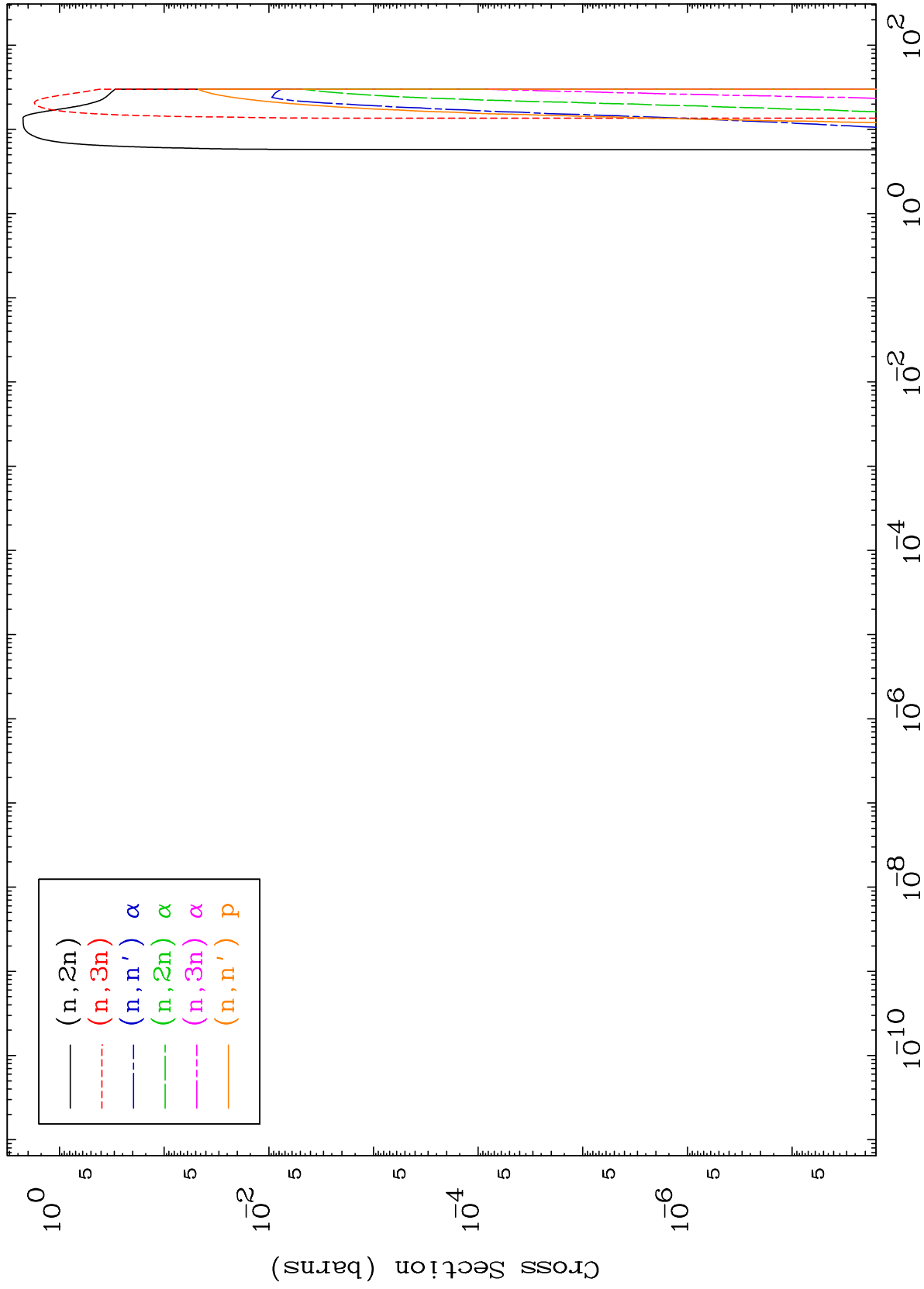
76-Os-191



MAT 7647

Neutron Production
293 Kelvin Cross Sections

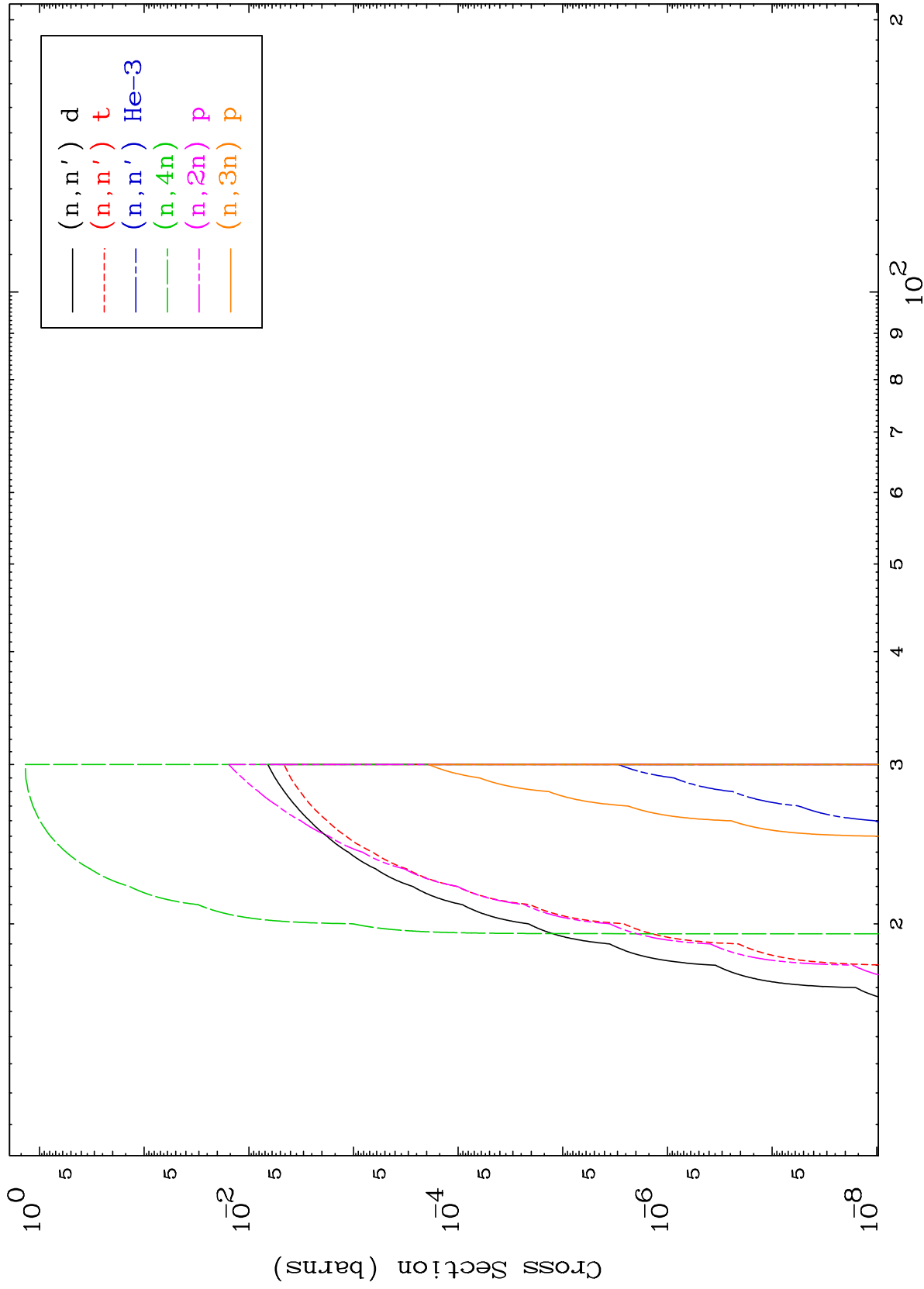
76-Os-191



2

Incident Energy (MeV)

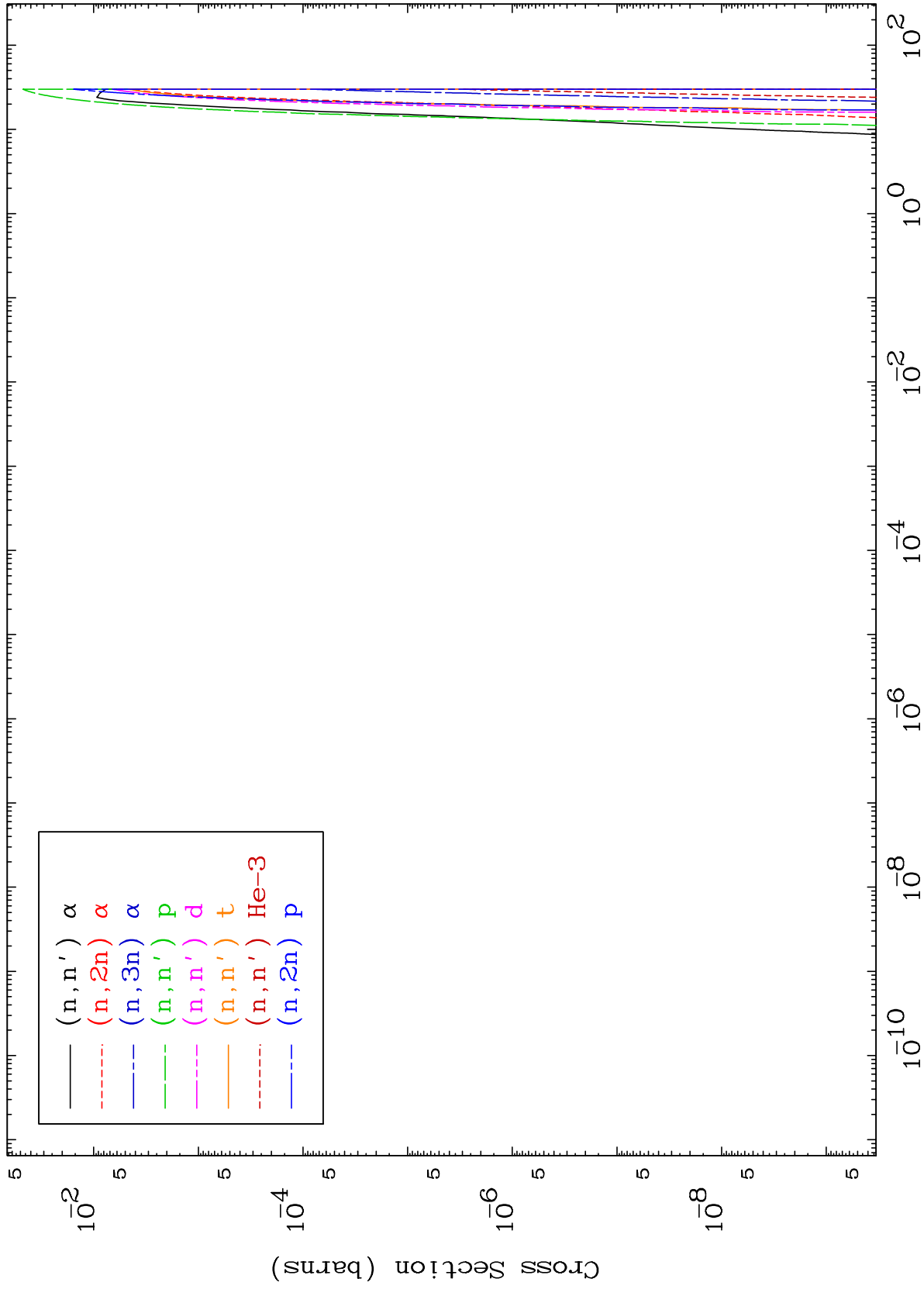
76-Os-191



MAT 7647

Charged Particle
293 Kelvin Cross Sections

76-Os-191

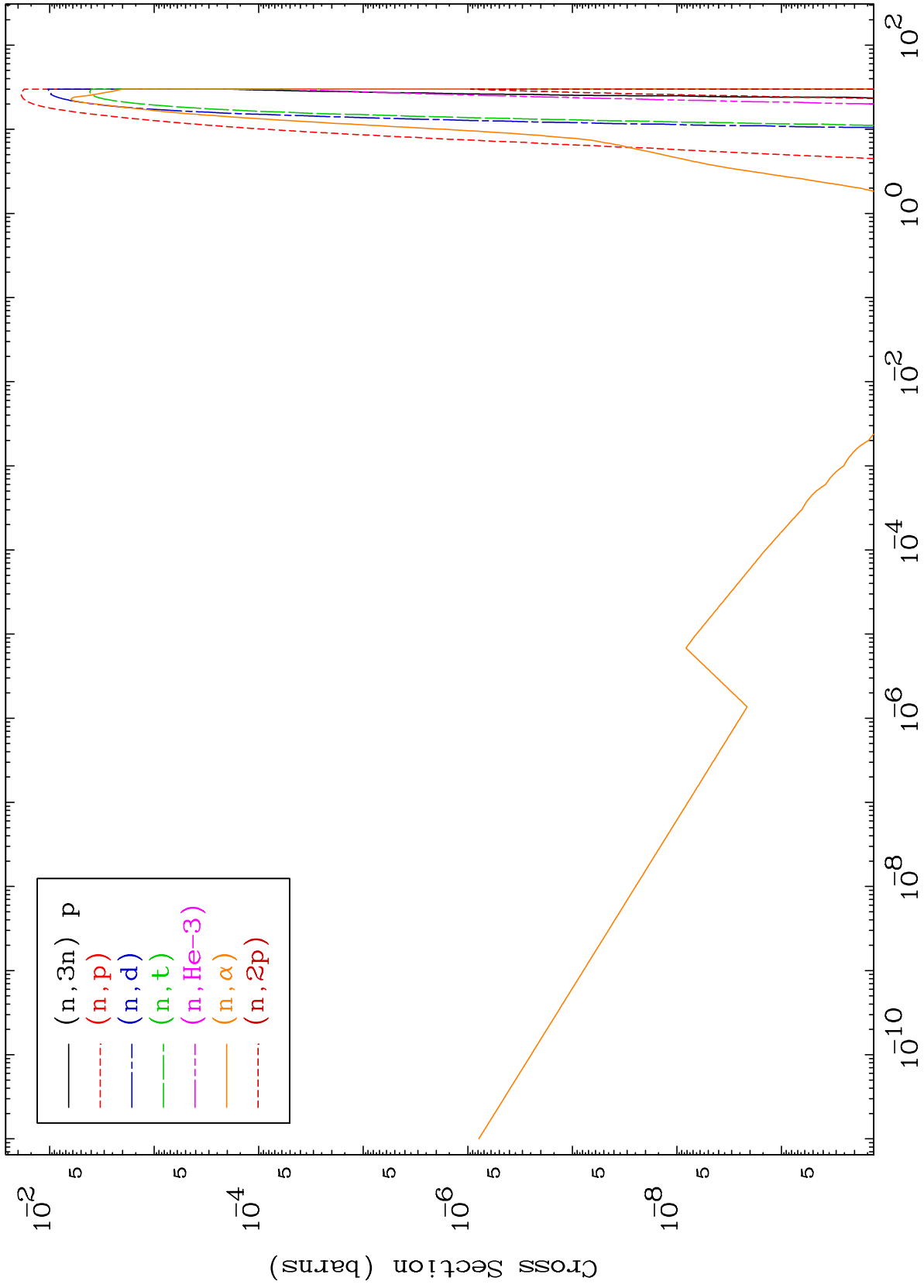


76-Os-191

MAT 7647

Charged Particle
293 Kelvin Cross Sections

76-Os-191



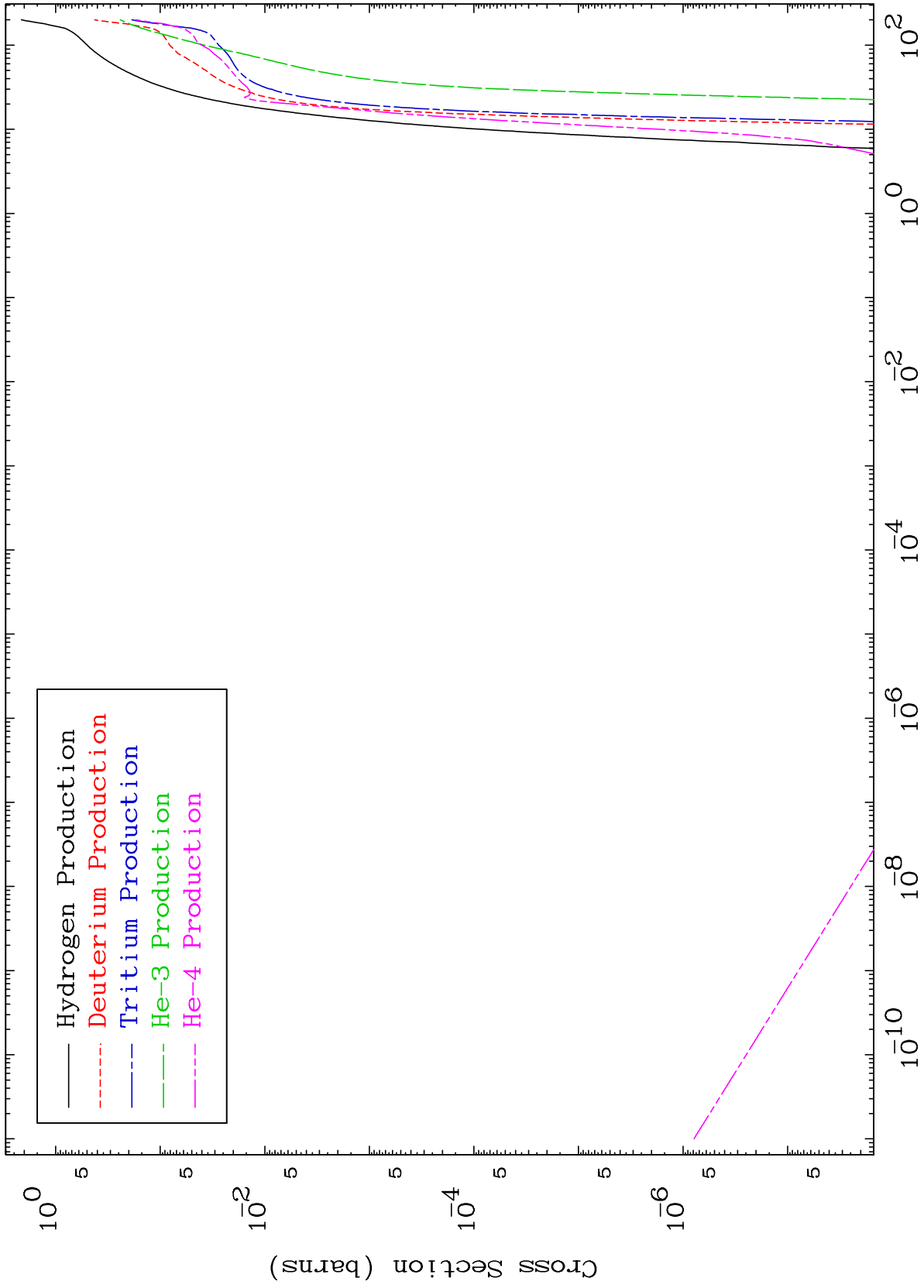
5

76-Os-191

MAT 7647

Particle Production
293 Kelvin Cross Sections

76-Os-191



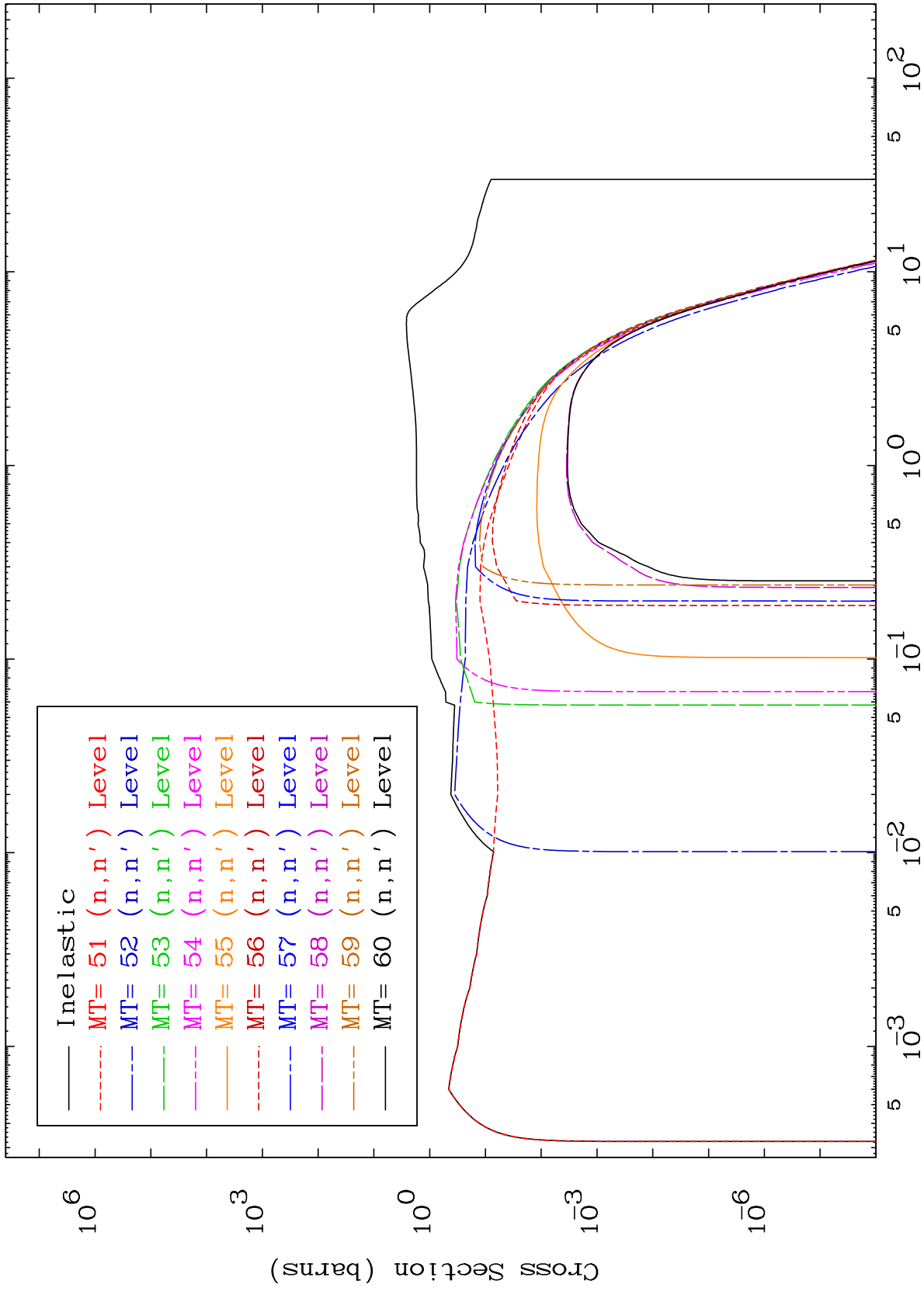
6

76-Os-191

MAT 7647

293 Kelvin Cross Sections

76-Os-191

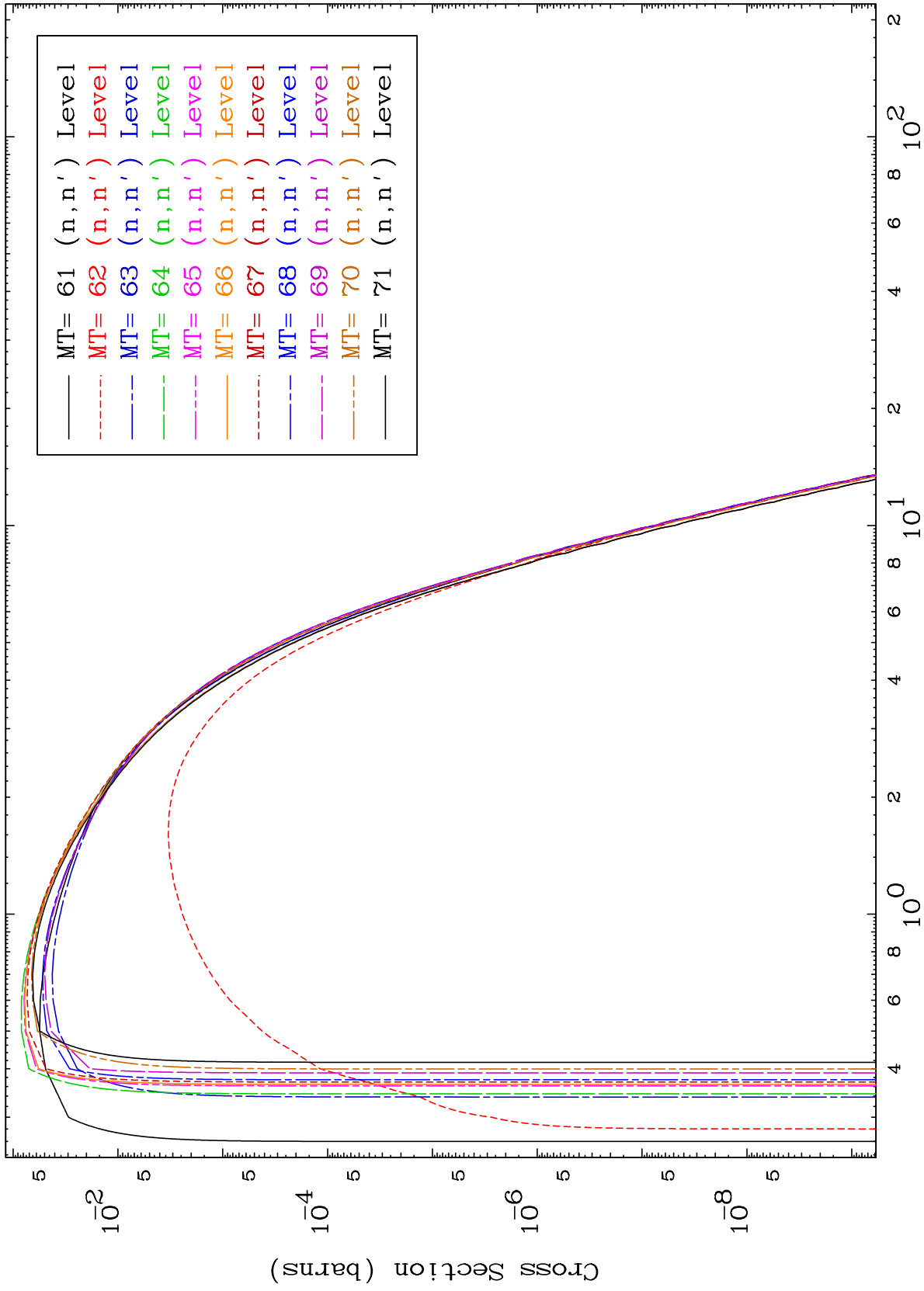


MAT 7647

(n,n') Level

76-Os-191

293 Kelvin Cross Sections



8

Incident Energy (MeV)

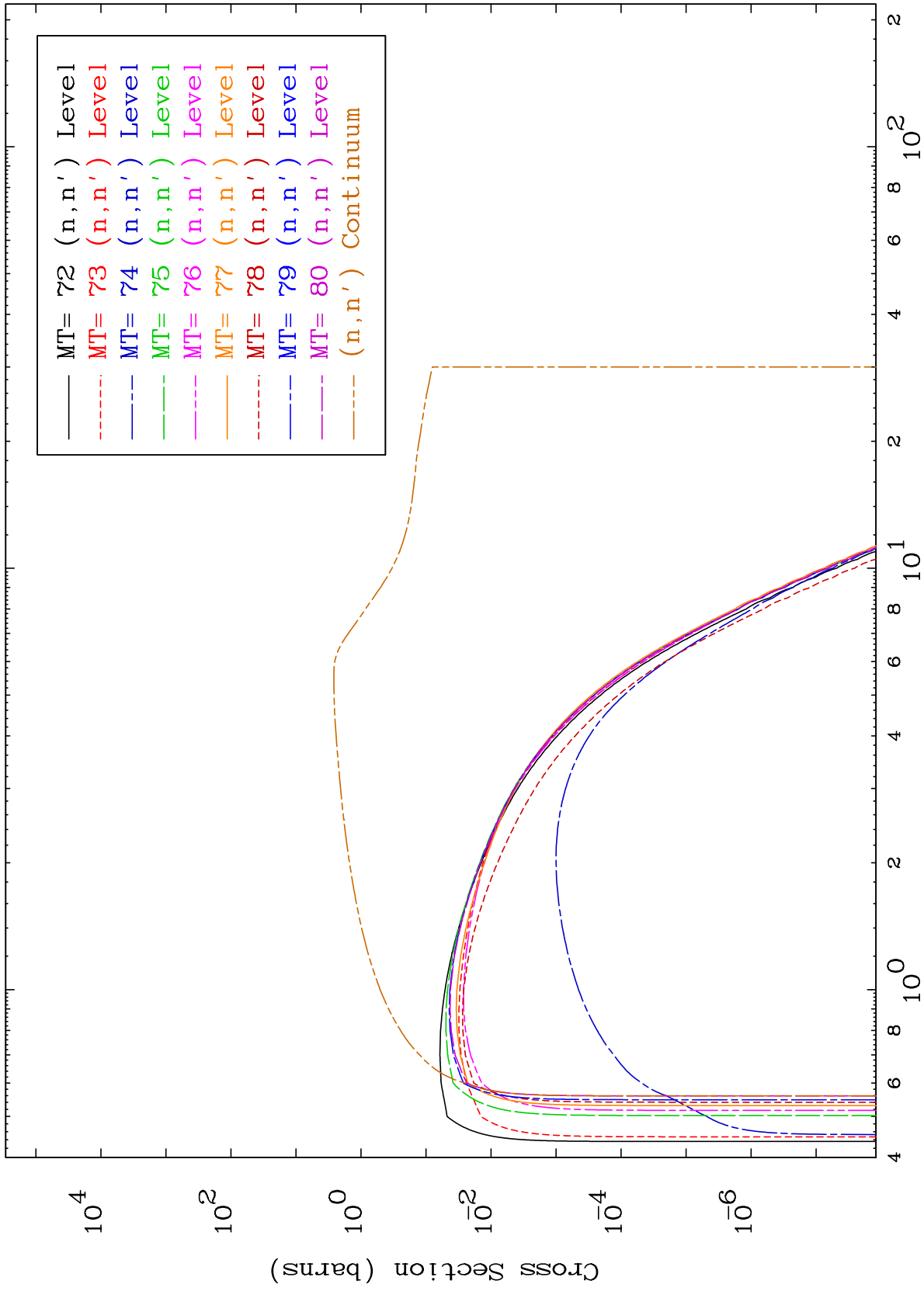
76-Os-191

MAT 7647

(n,n') Level

76-Os-191

293 Kelvin Cross Sections



9

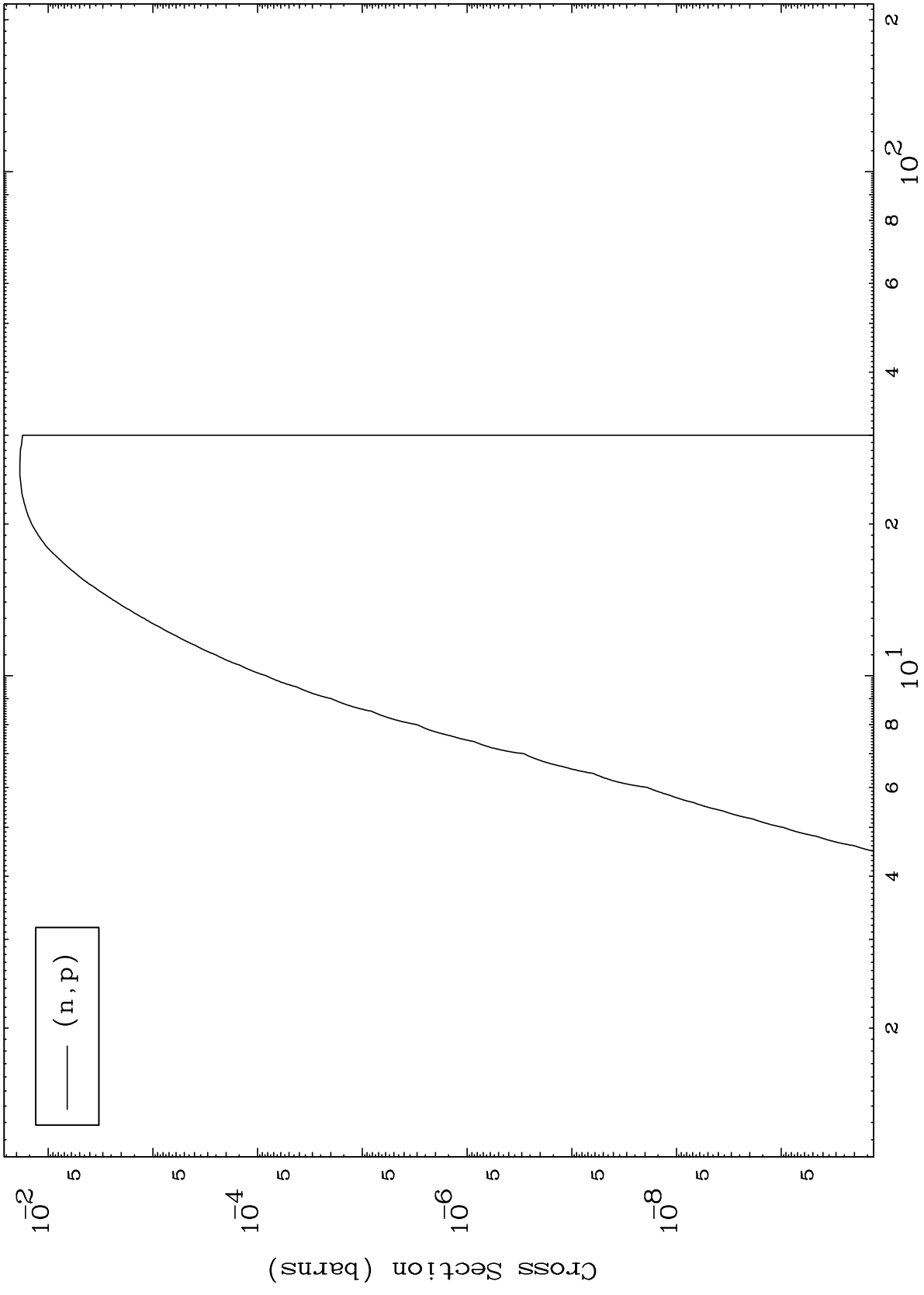
Incident Energy (MeV)

76-Os-191

MAT 7647

(n,p) Levels
293 Kelvin Cross Sections

76-Os-191



10

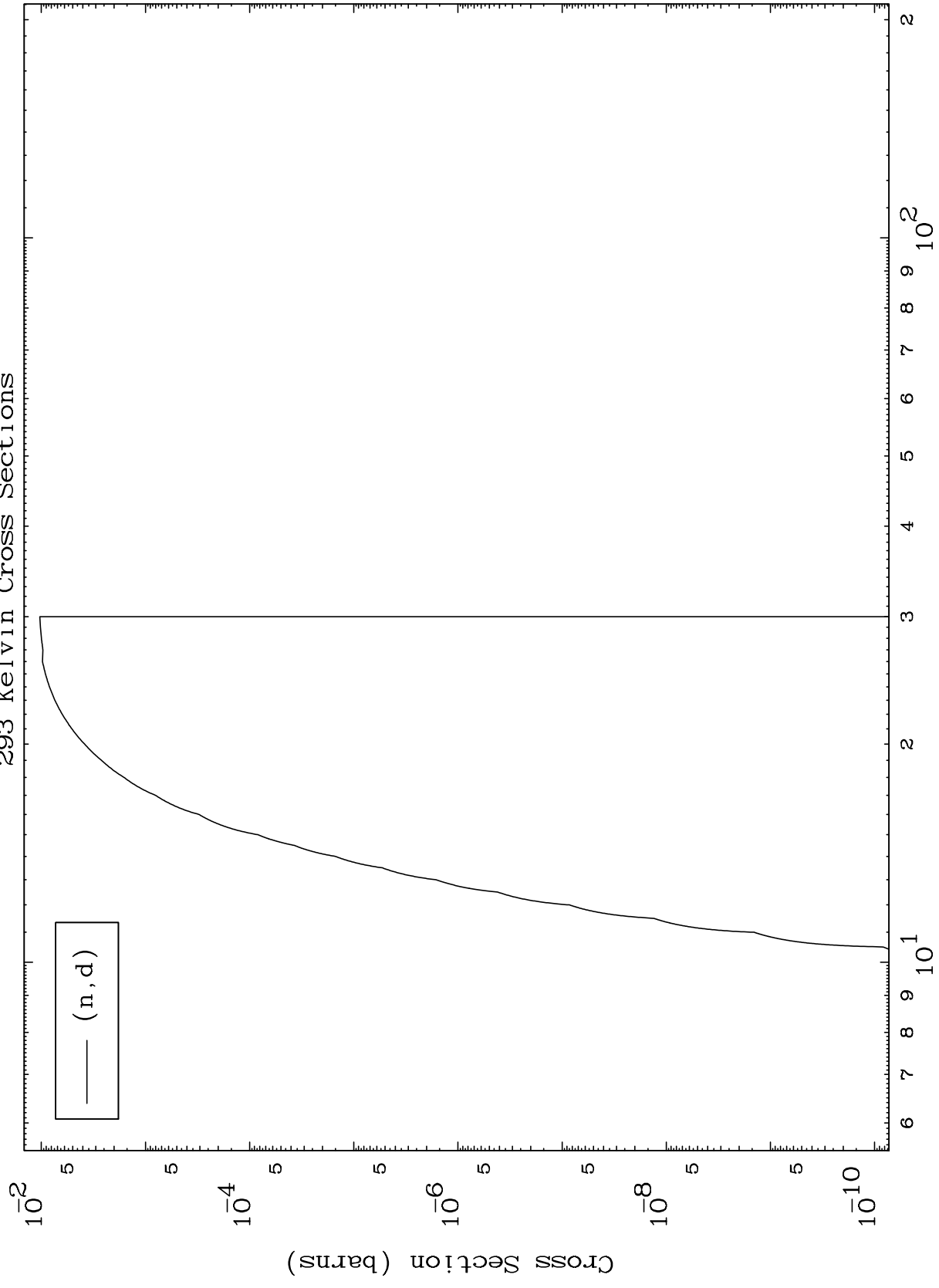
Incident Energy (MeV)

76-Os-191

MAT 7647

(n,d) Levels
293 Kelvin Cross Sections

76-Os-191



11

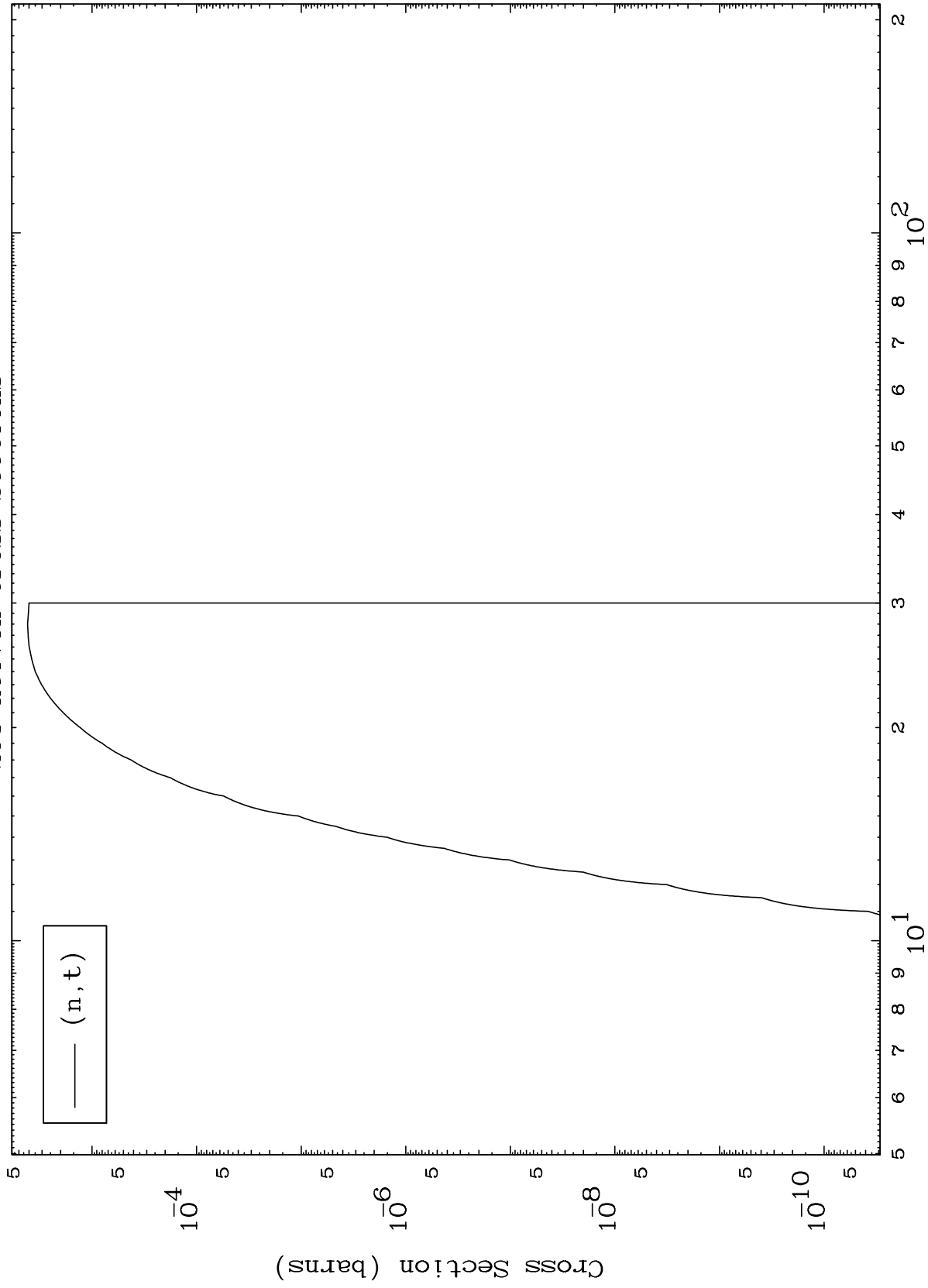
Incident Energy (MeV)

76-Os-191

MAT 7647

(n,t) Levels
293 Kelvin Cross Sections

76-Os-191



12

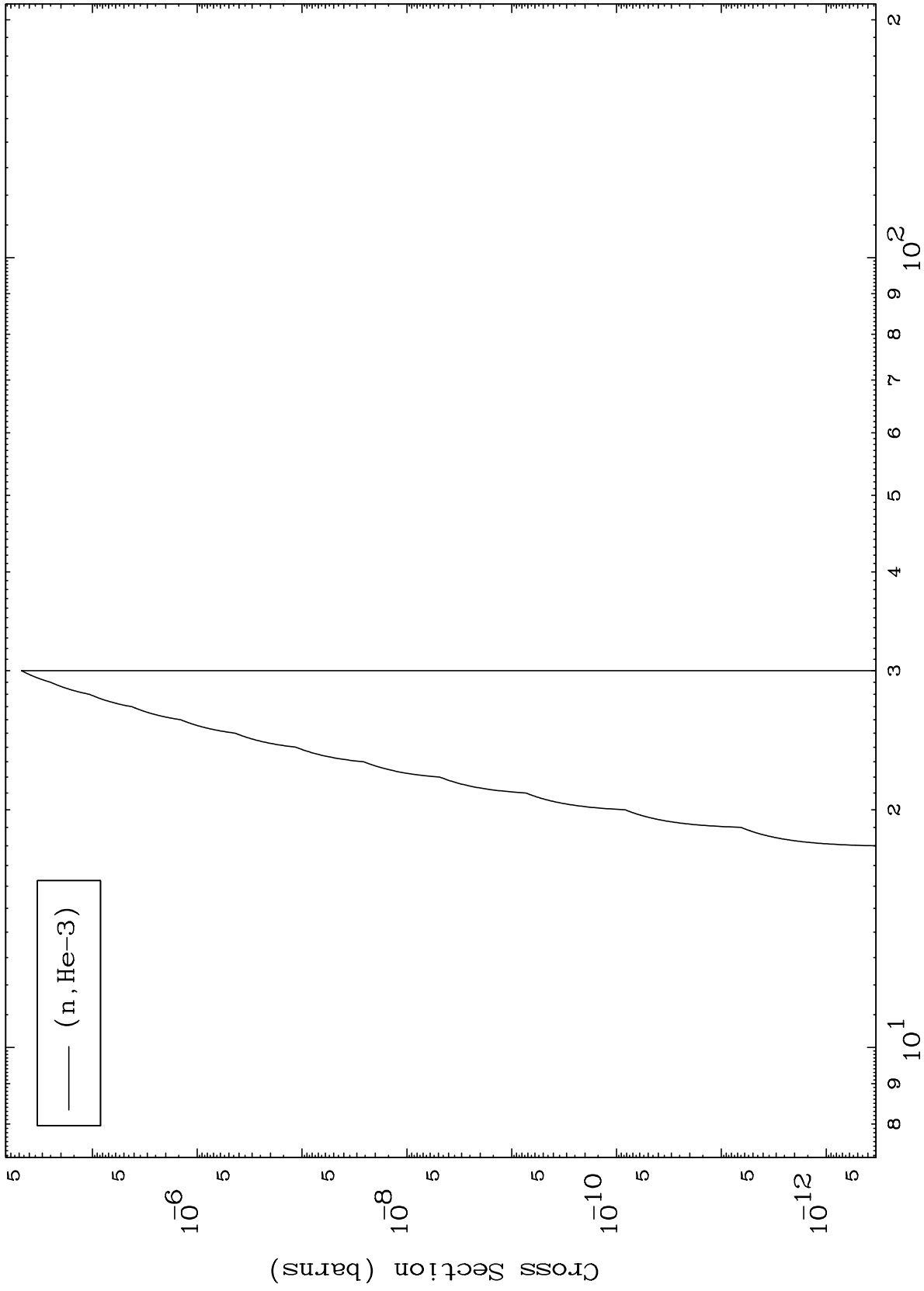
Incident Energy (MeV)

76-Os-191

MAT 7647

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-191



13

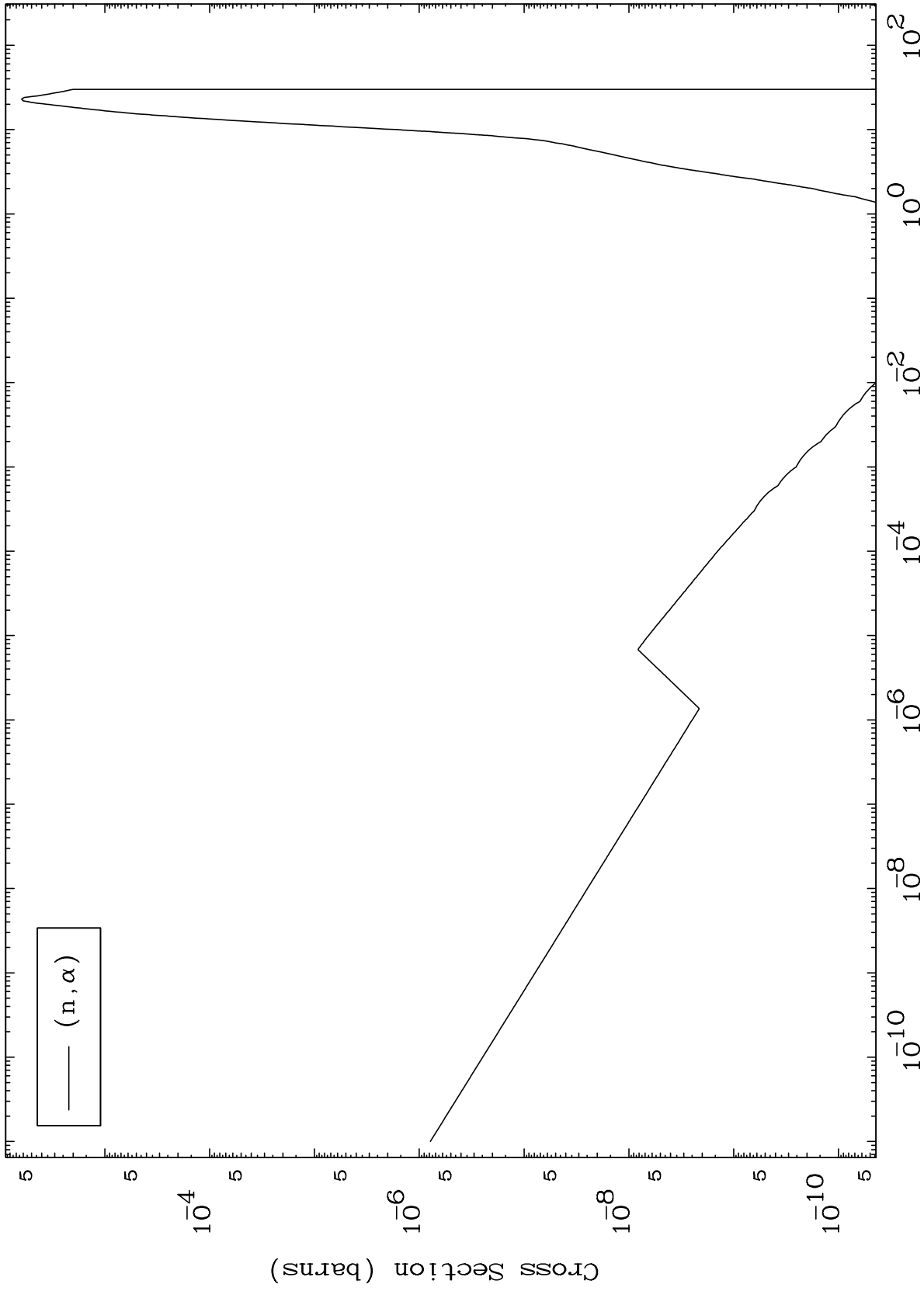
Incident Energy (MeV)

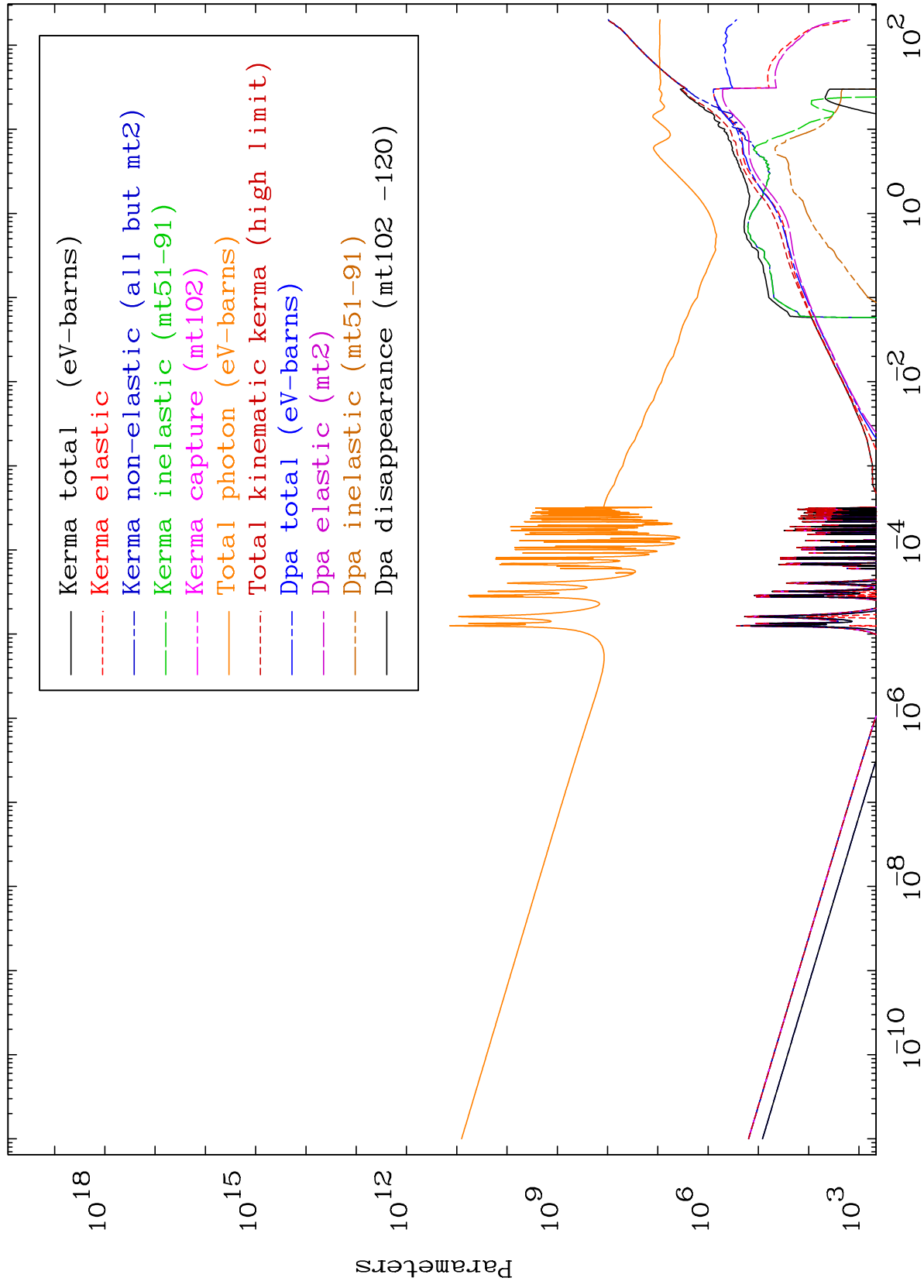
76-Os-191

MAT 7647

(n,α) Levels
293 Kelvin Cross Sections

76-Os-191

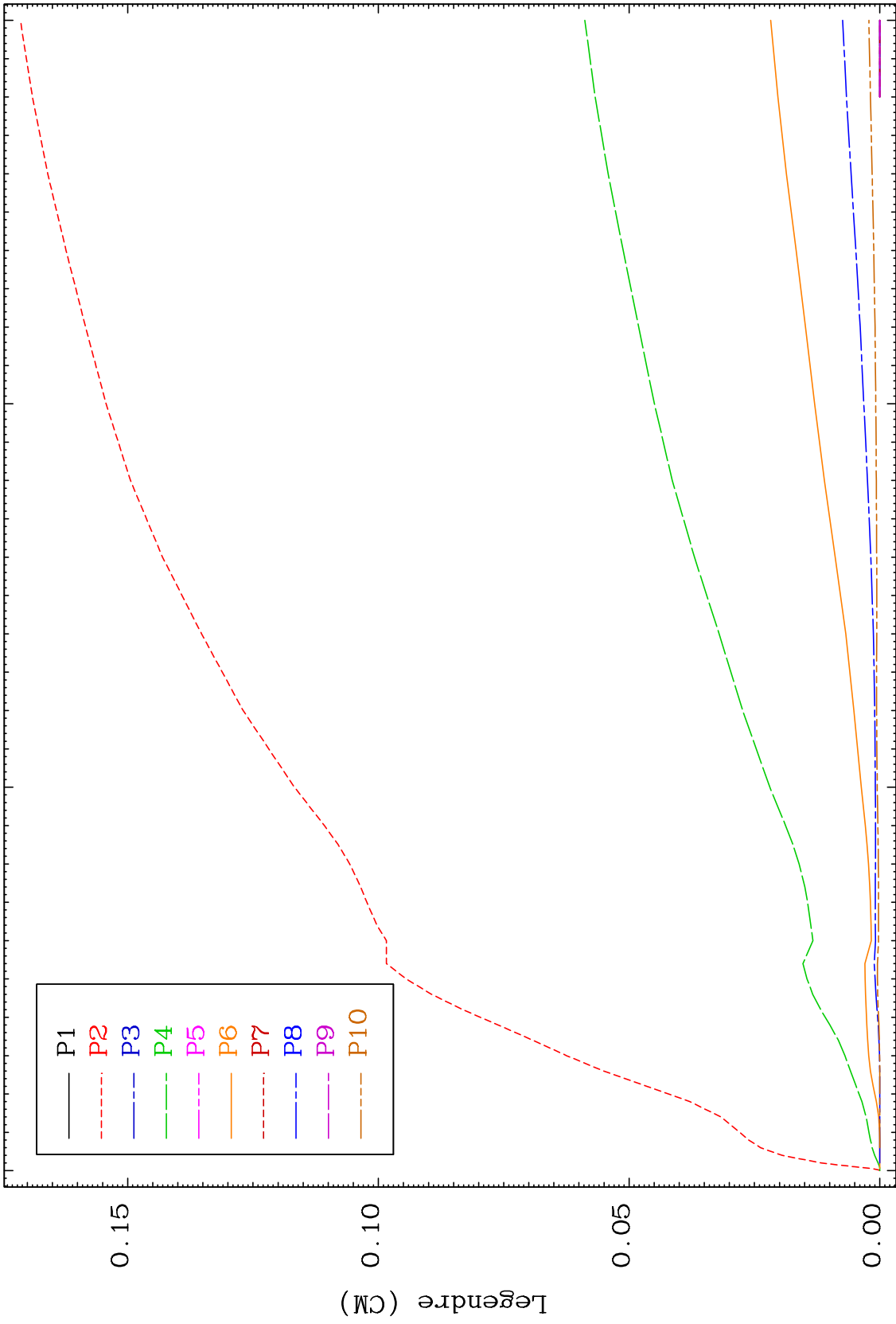




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Elastic Legendre Coefficients

76-Os-191



16

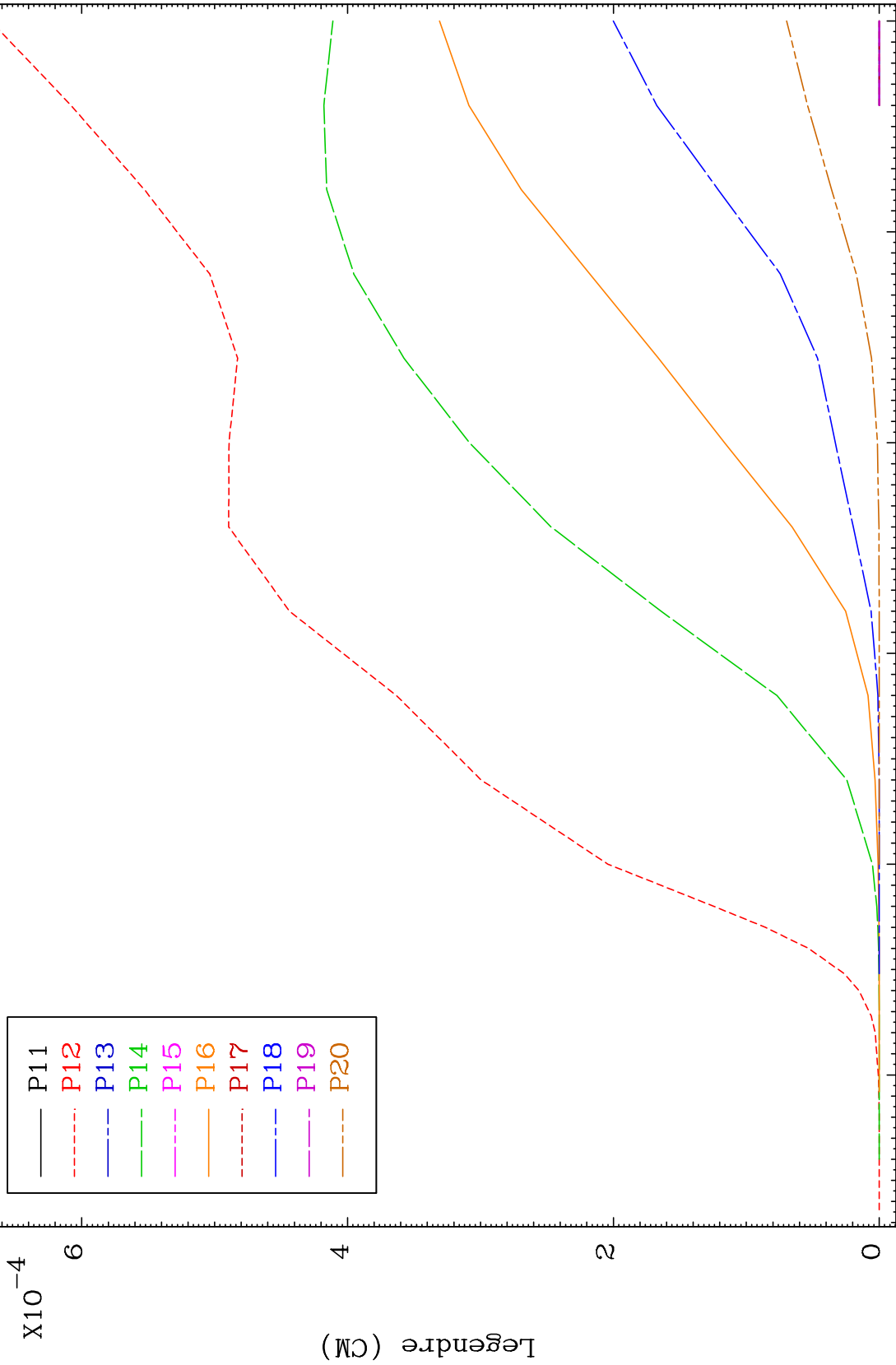
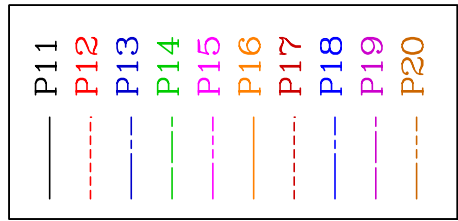
Incident Energy (MeV)

76-Os-191

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Elastic Legendre Coefficients

76-Os-191



$\times 10^{-4}$
6
4
2
0

Legendre (CM)

5 10 15 20 25 30

17

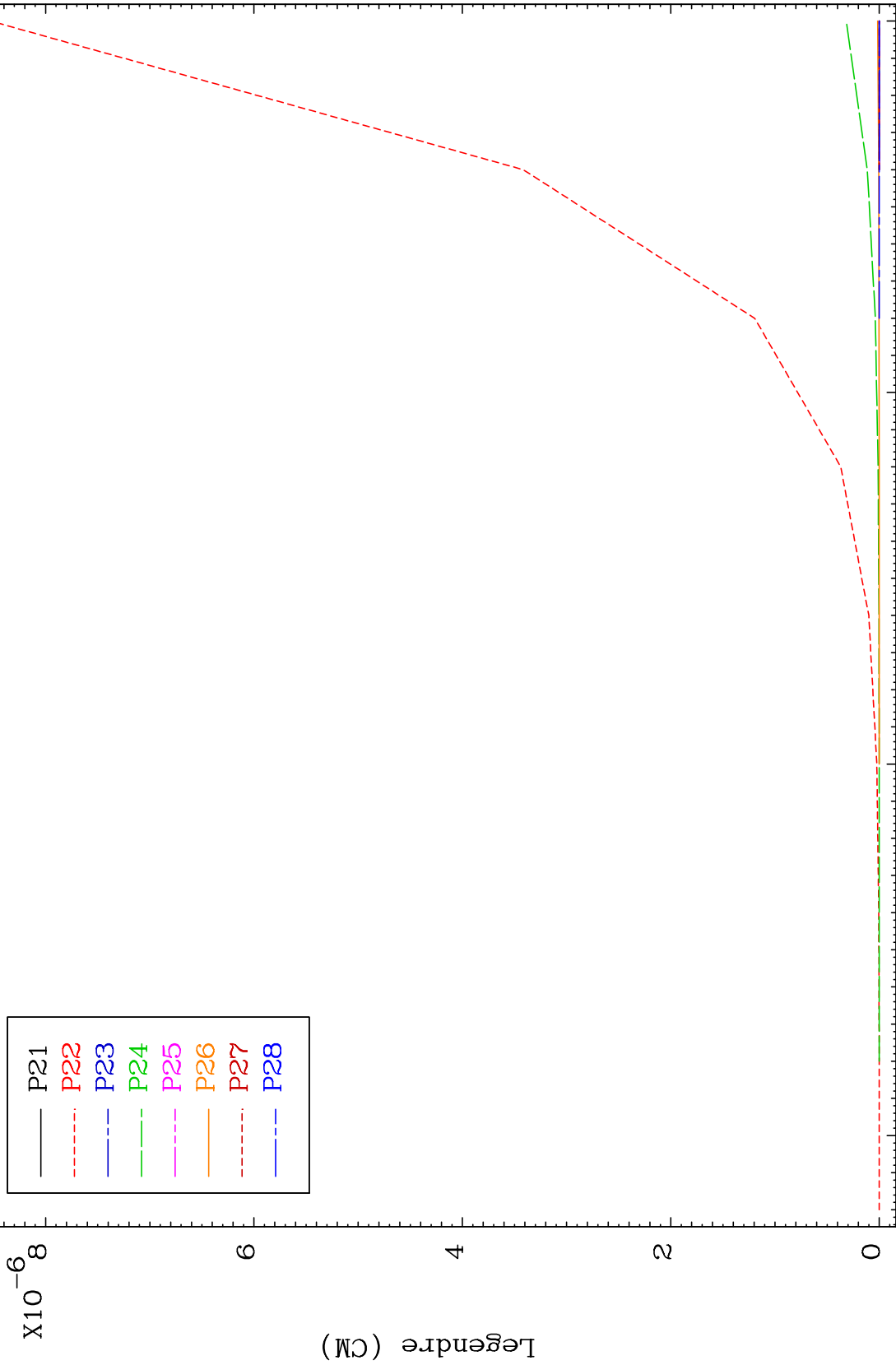
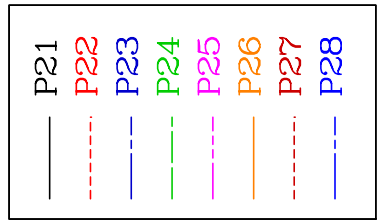
Incident Energy (MeV)

76-Os-191

MAT 7647

Elastic Legendre Coefficients

76-Os-191



18

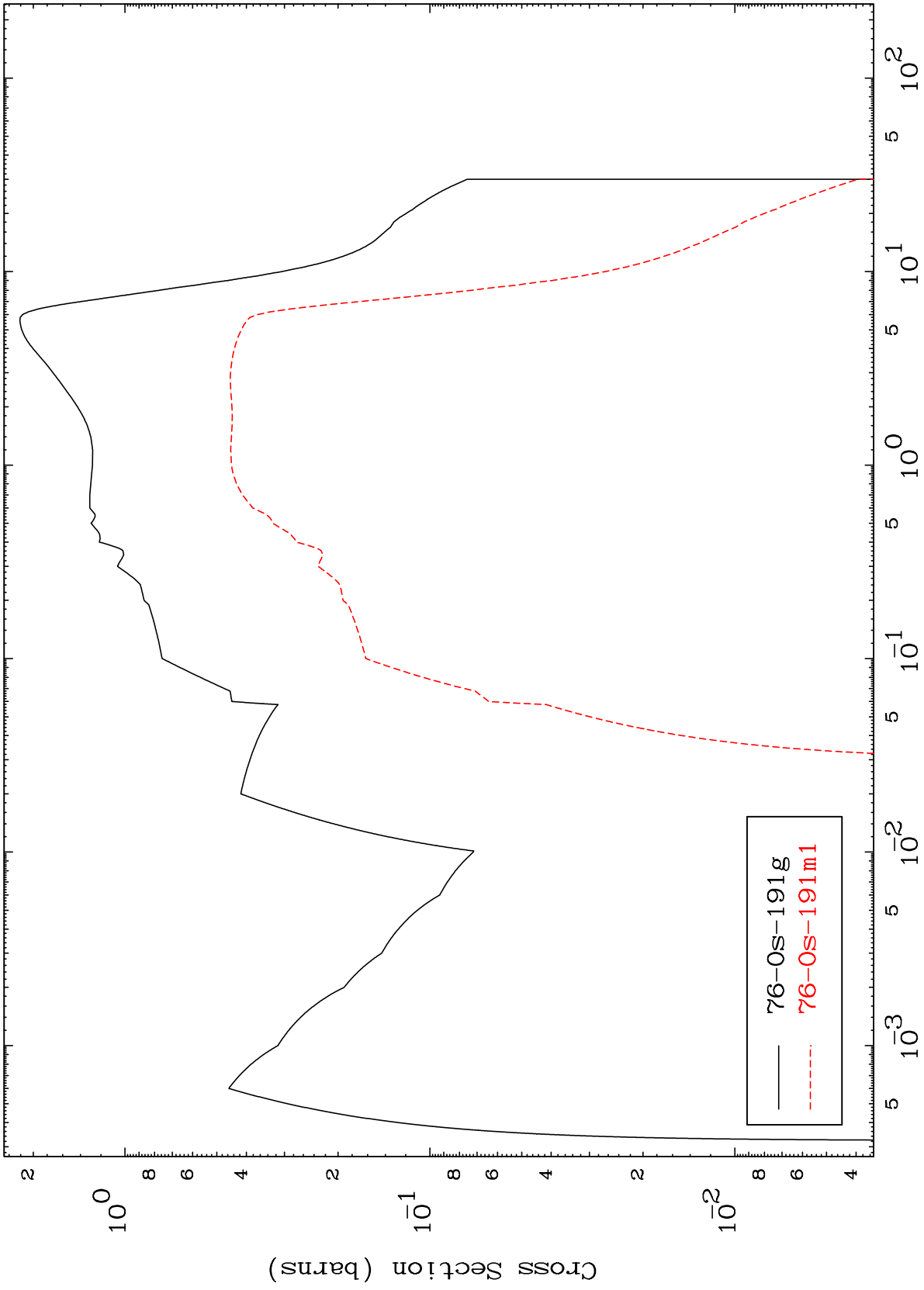
Incident Energy (MeV)

76-Os-191

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Inelastic
Radionuclide Production Cross Section

76-Os-191



19

76-Os-191

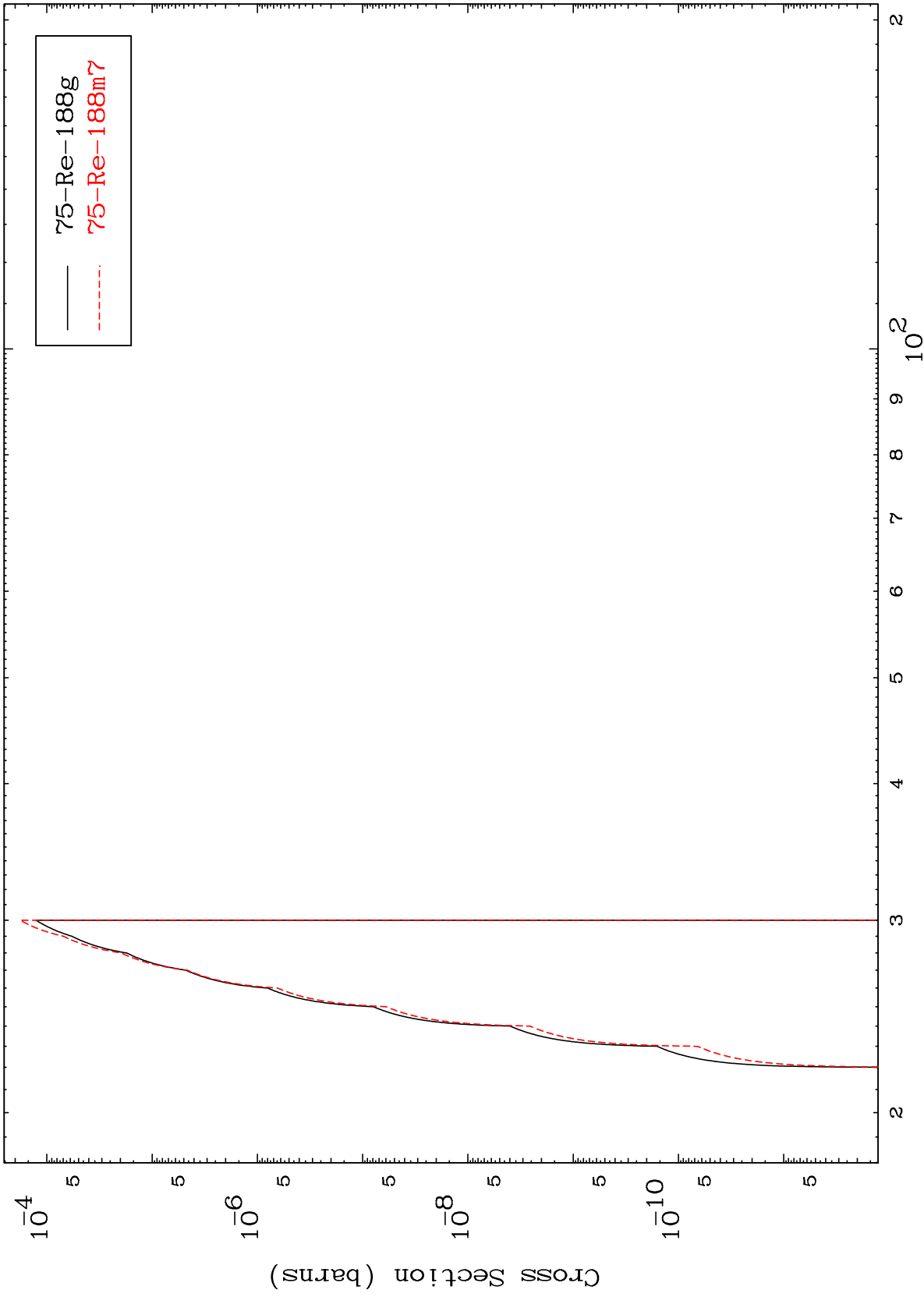
76-Os-191

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(n,2n) d

76-Os-191

Radionuclide Production Cross Section



20

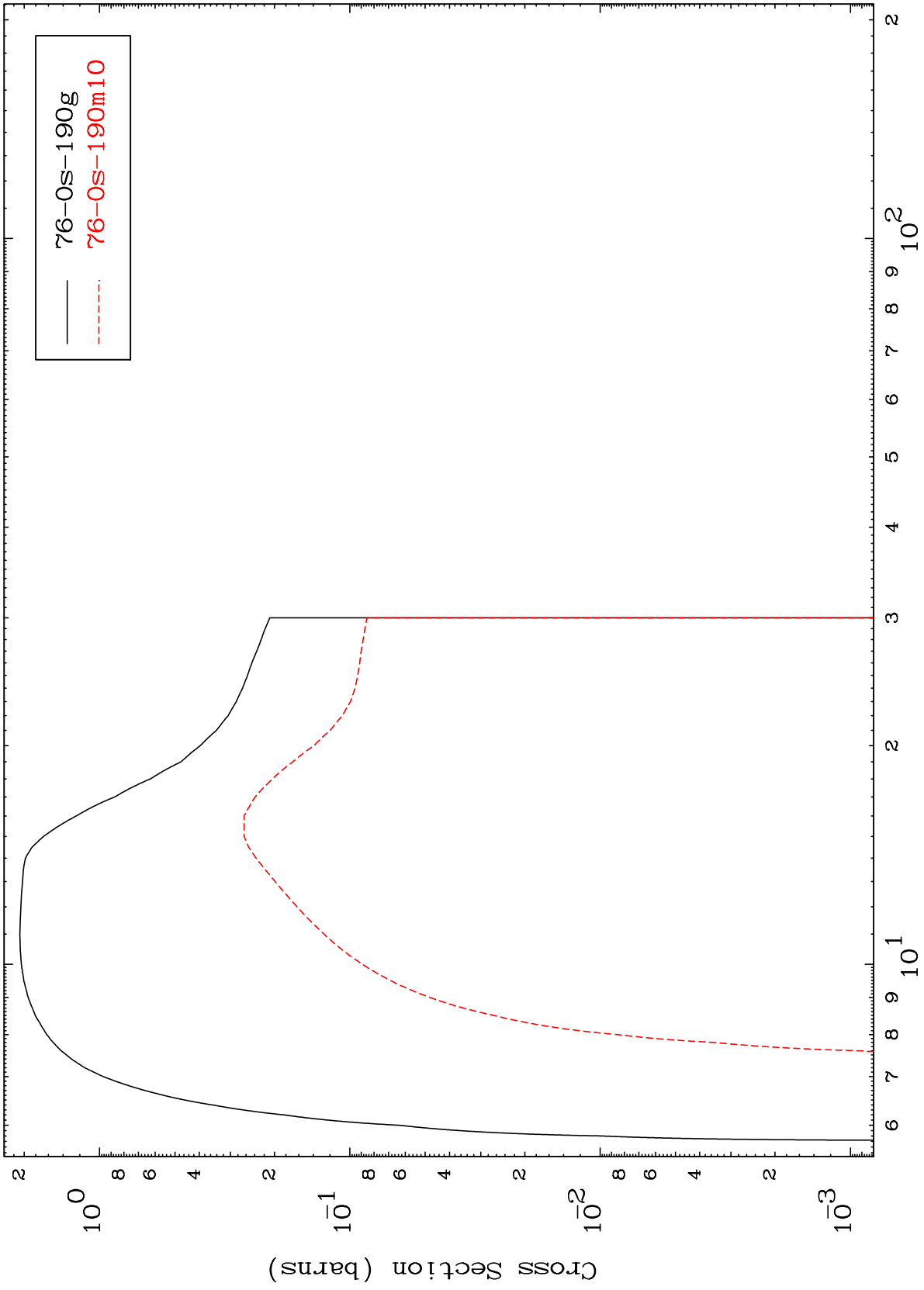
Incident Energy (MeV)

76-Os-191

MAT 7647

76-Os-191

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

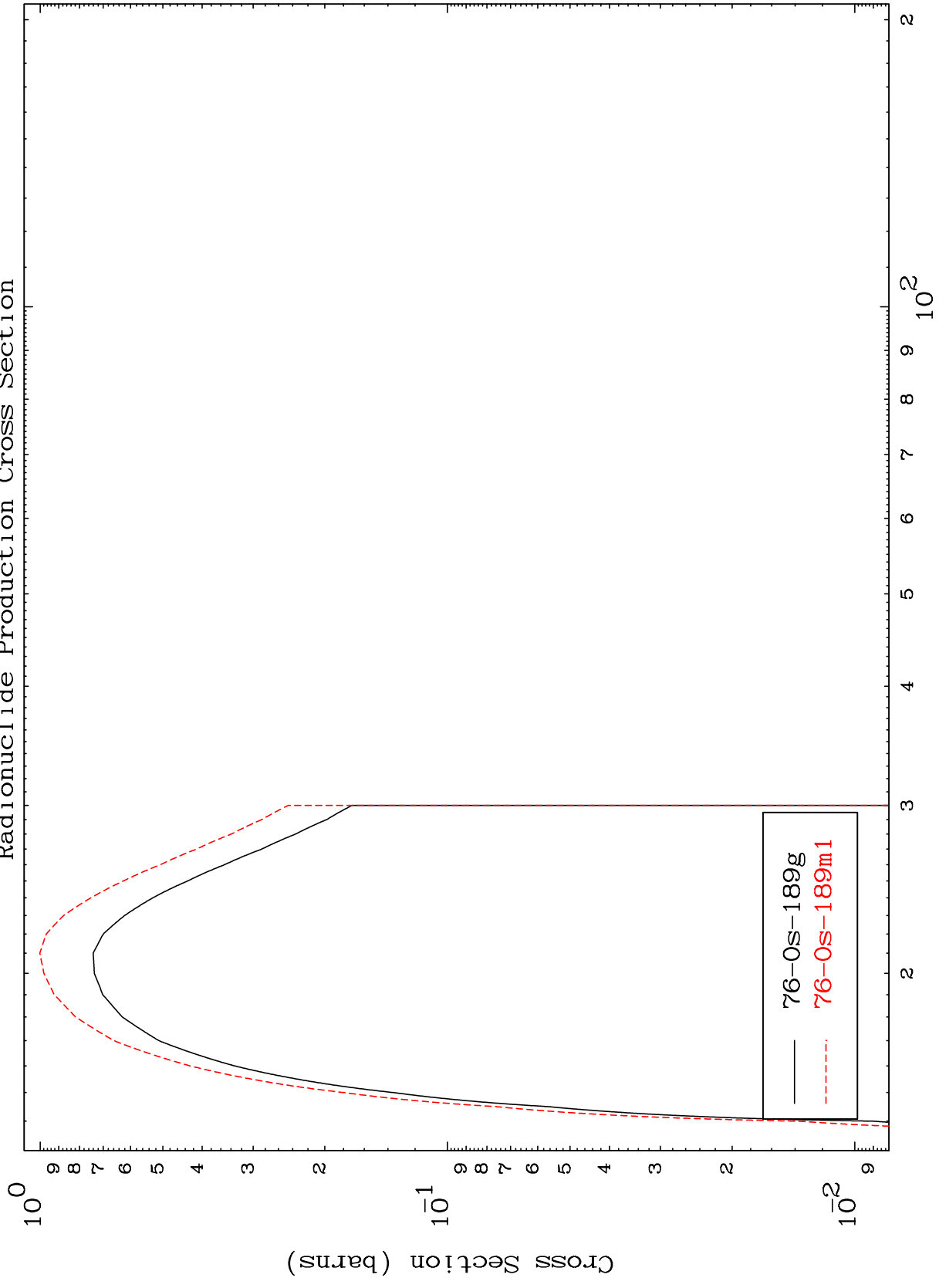
76-Os-191

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(n,3n)

76-Os-191

Radionuclide Production Cross Section



22

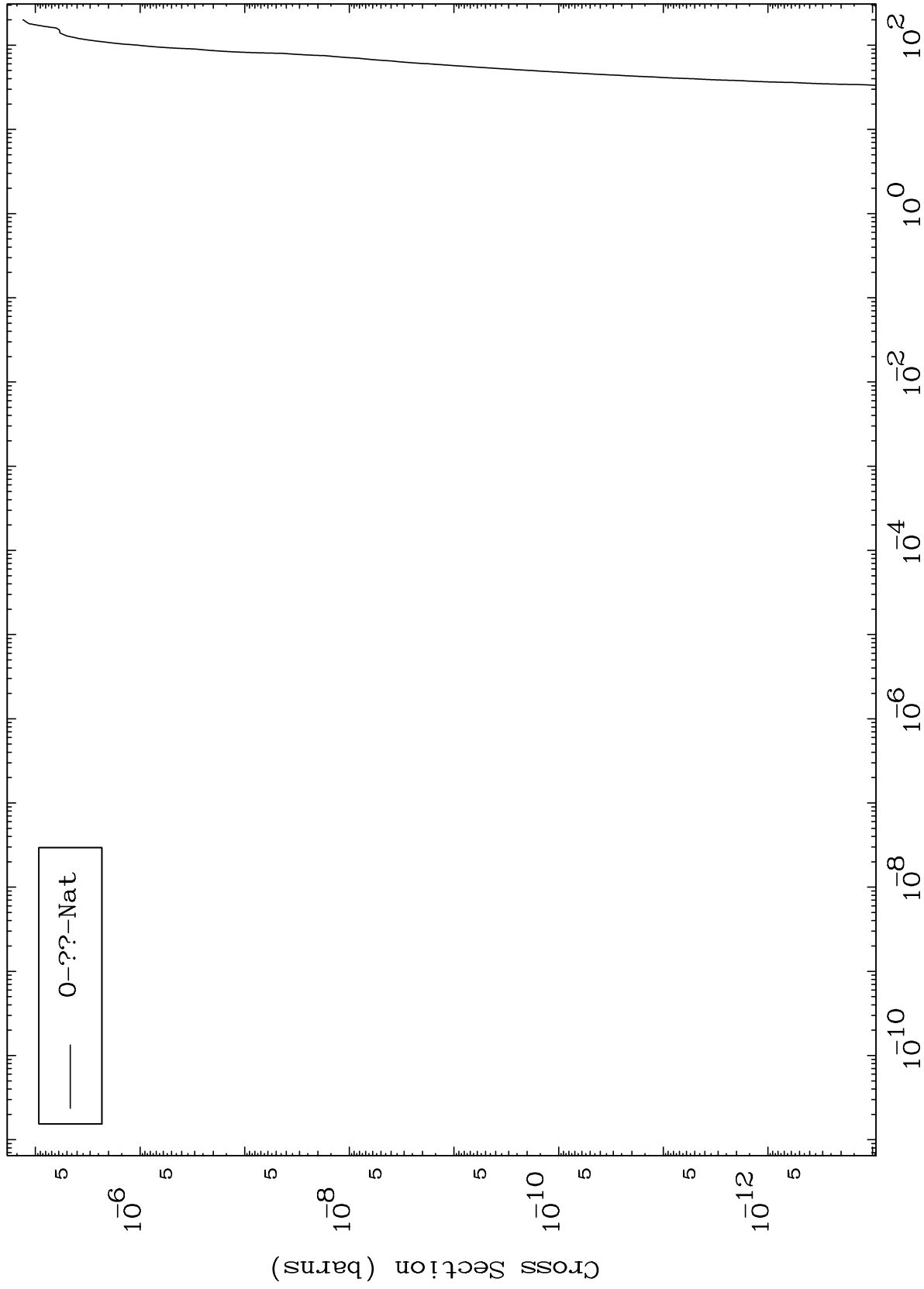
Incident Energy (MeV)

76-Os-191

MAT 7647

Fission
Radionuclide Production Cross Section

76-Os-191



23

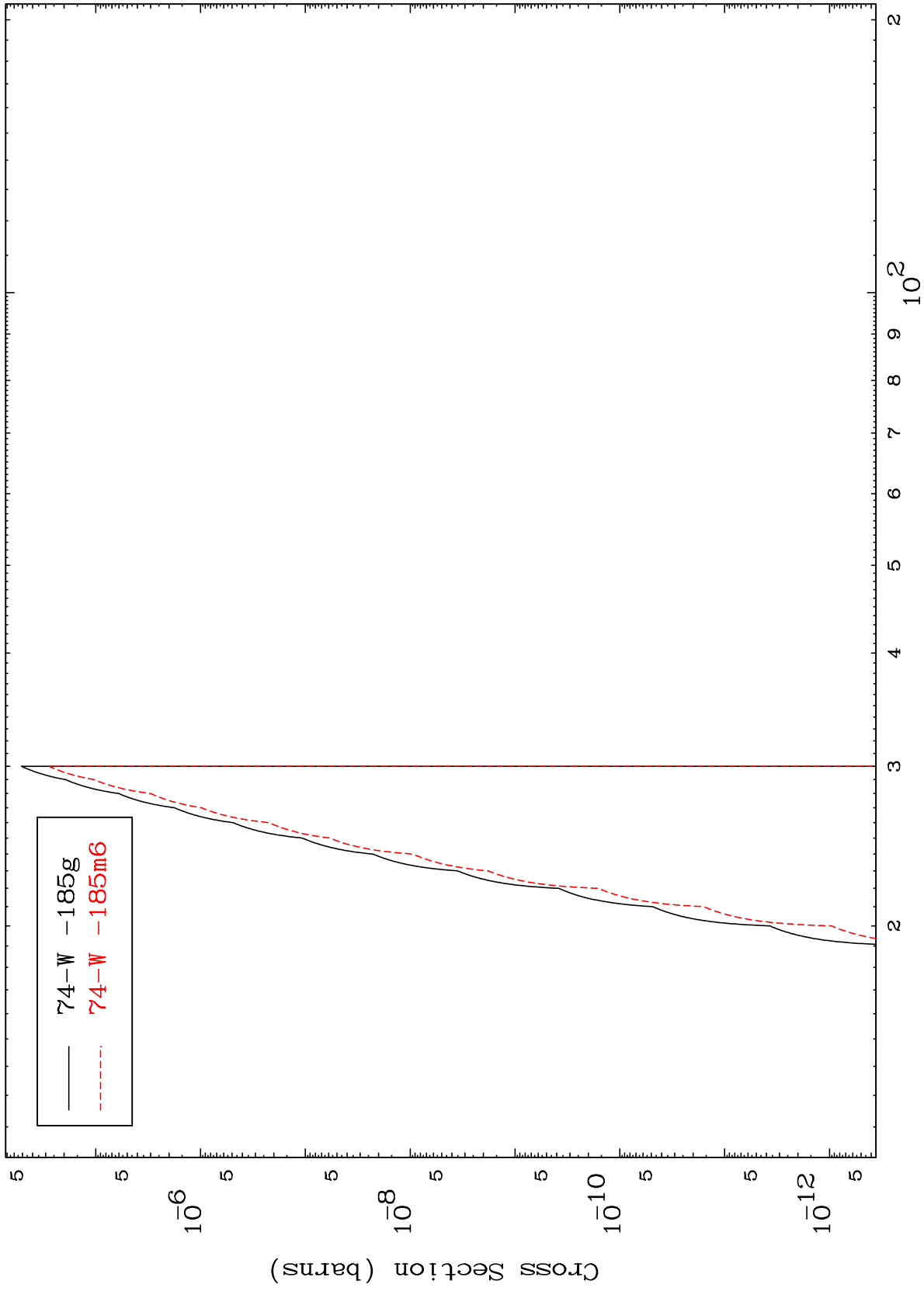
76-Os-191

MAT 7647

(n,3n) α

76-Os-191

Radionuclide Production Cross Section



24

Incident Energy (MeV)

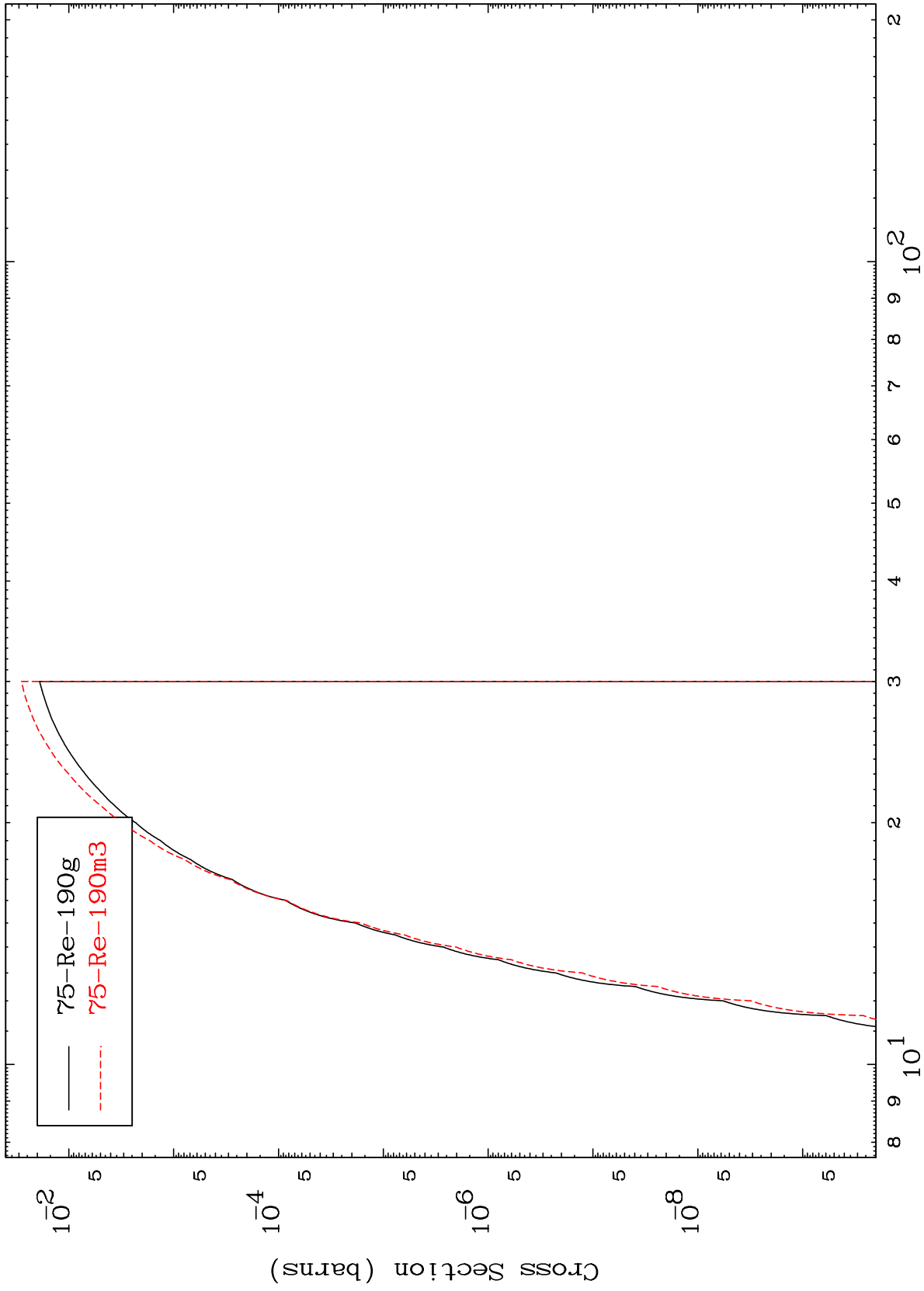
76-Os-191

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(n,n') p

76-Os-191

Radionuclide Production Cross Section



25

Incident Energy (MeV)

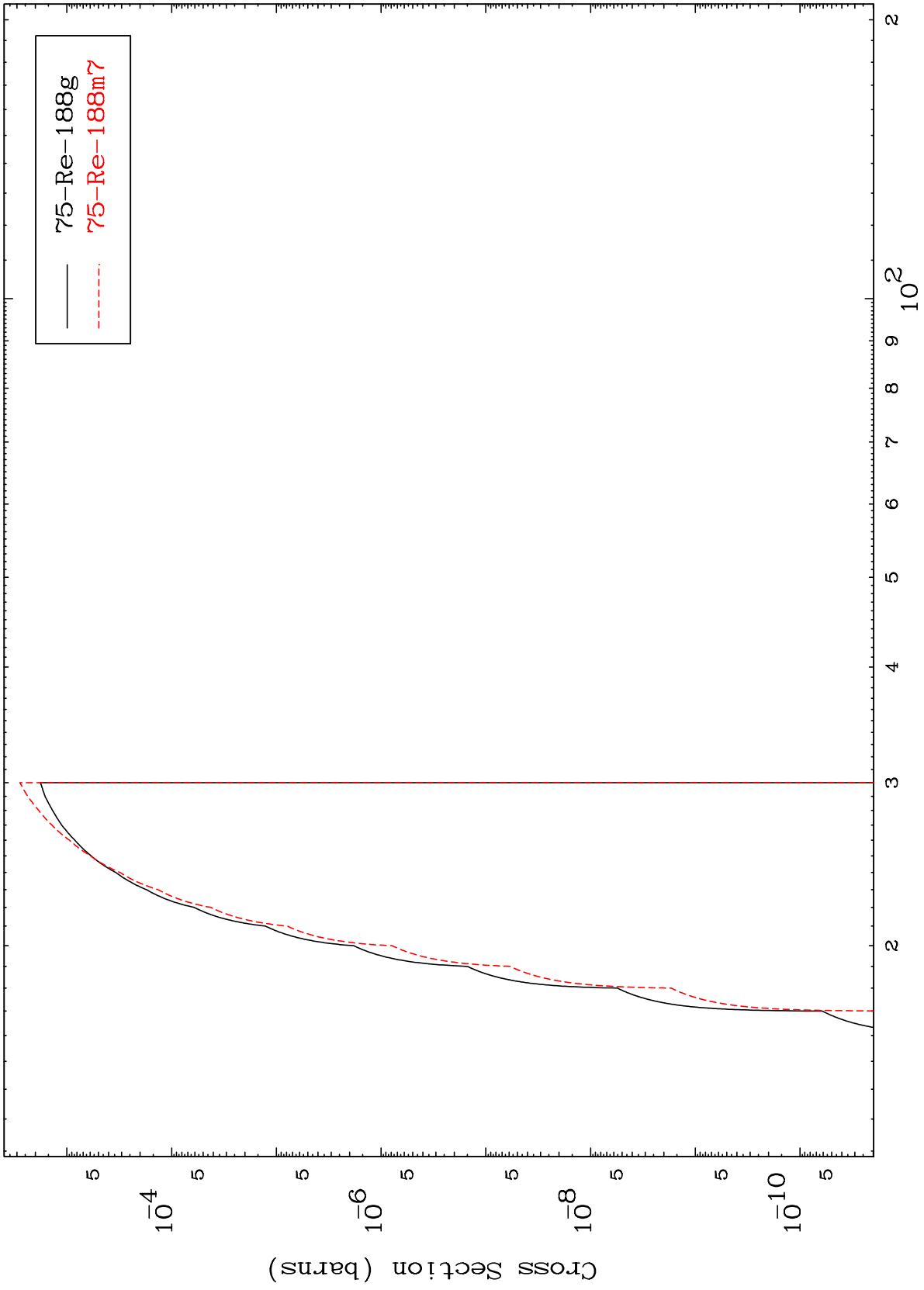
76-Os-191

MAT 7647

(n,n') t

76-Os-191

Radionuclide Production Cross Section



26

Incident Energy (MeV)

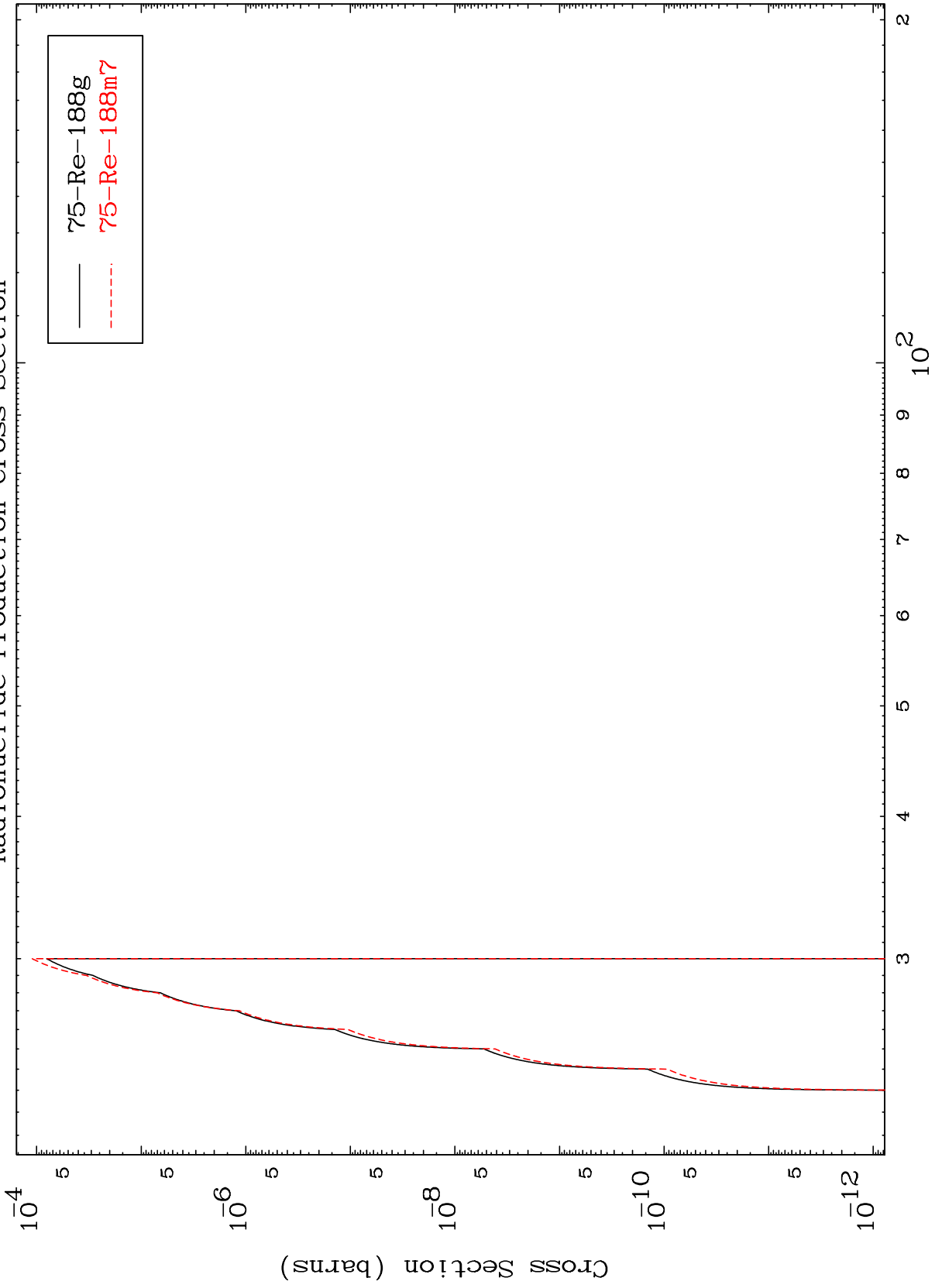
76-Os-191

MAT 7647

(n,3n) p

76-Os-191

Radionuclide Production Cross Section



27

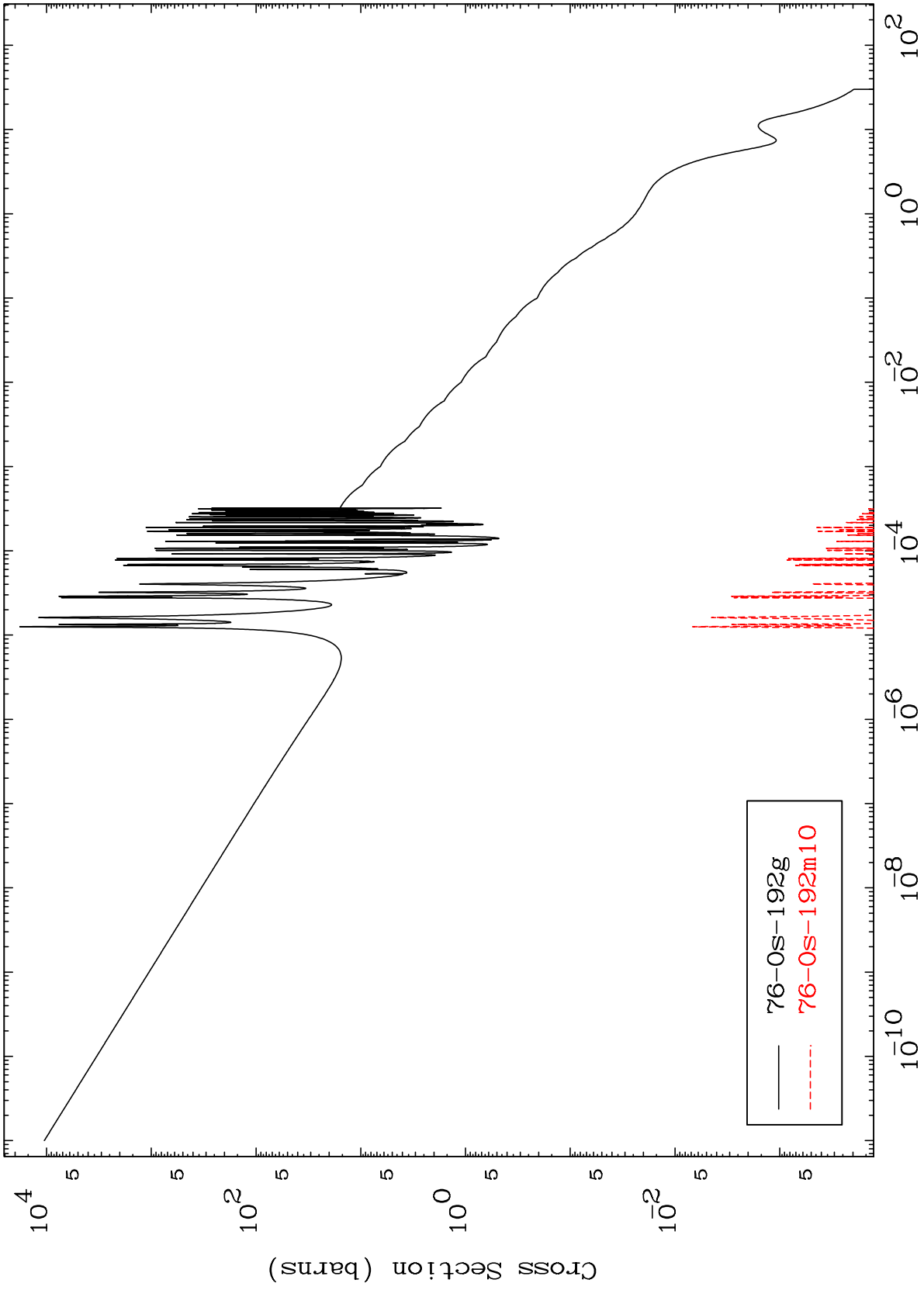
Incident Energy (MeV)

76-Os-191

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76-0s-191

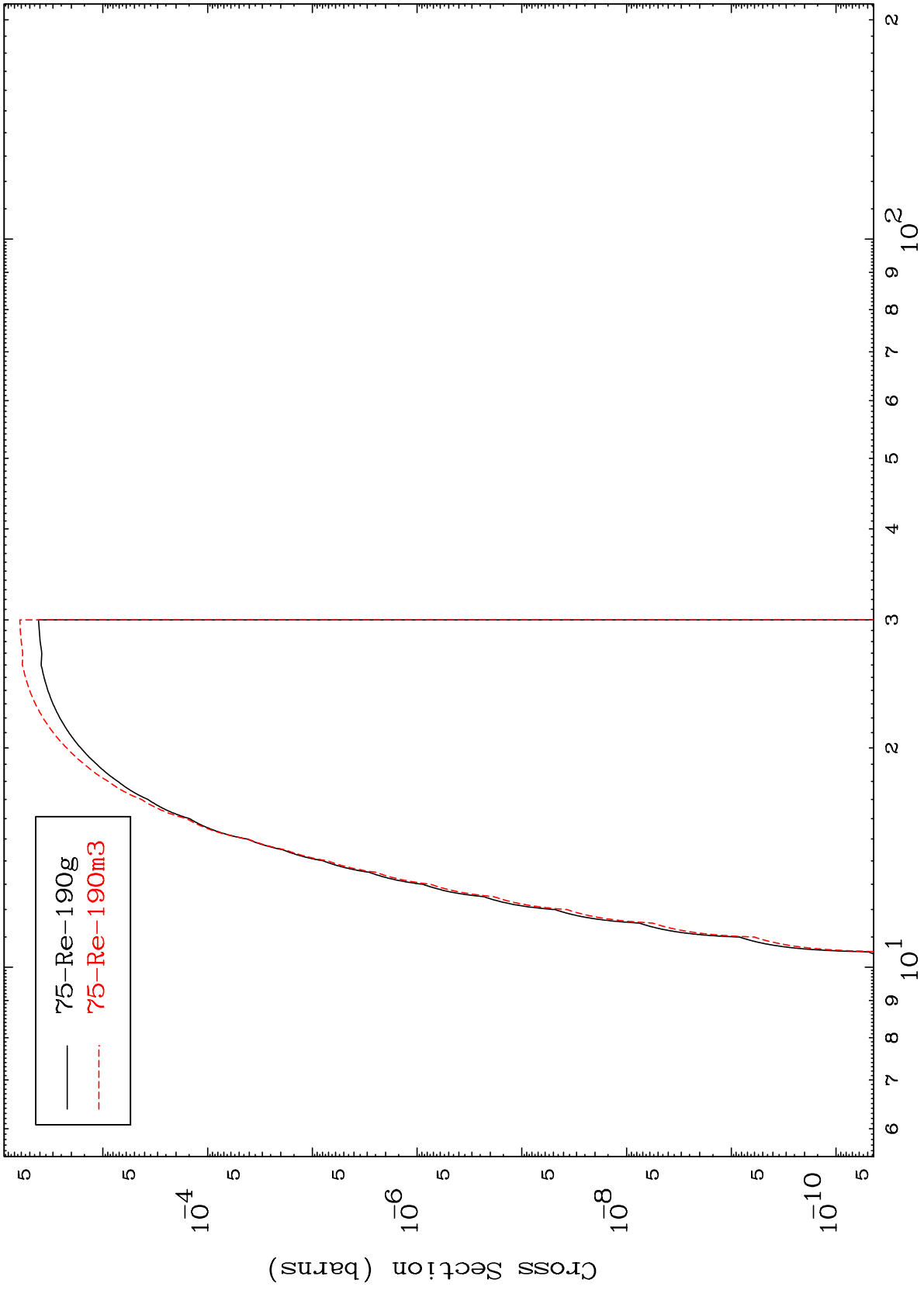
Radionuclide Production Cross Section (n,γ)



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76-0s-191

(n,d)
Radionuclide Production Cross Section



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Incident Energy (MeV)

76-0s-191