

Program EVALPLOT
(Version 2015-2)

by

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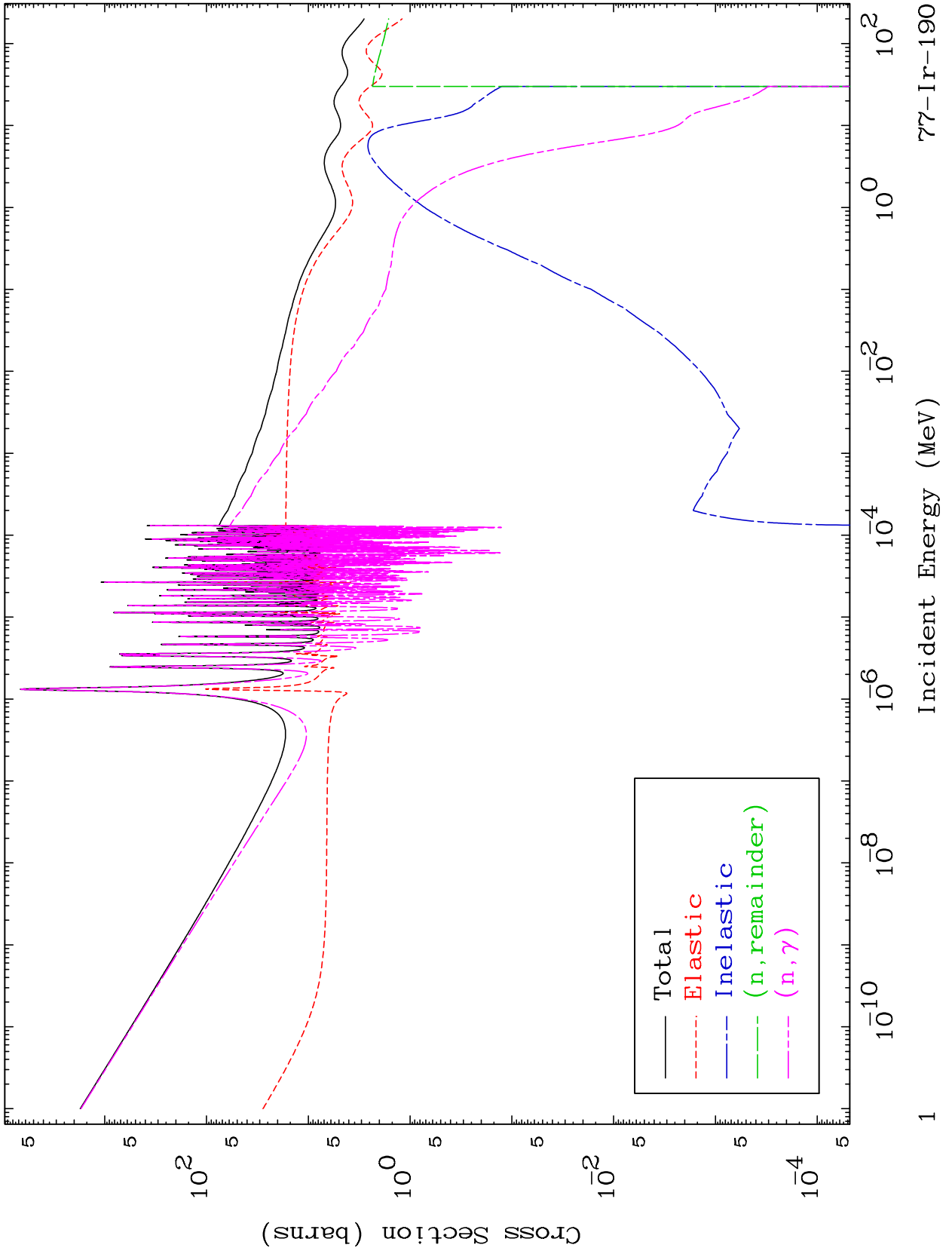
Press Mouse Button to Start

MAT 7724

Major

293 Kelvin Cross Sections

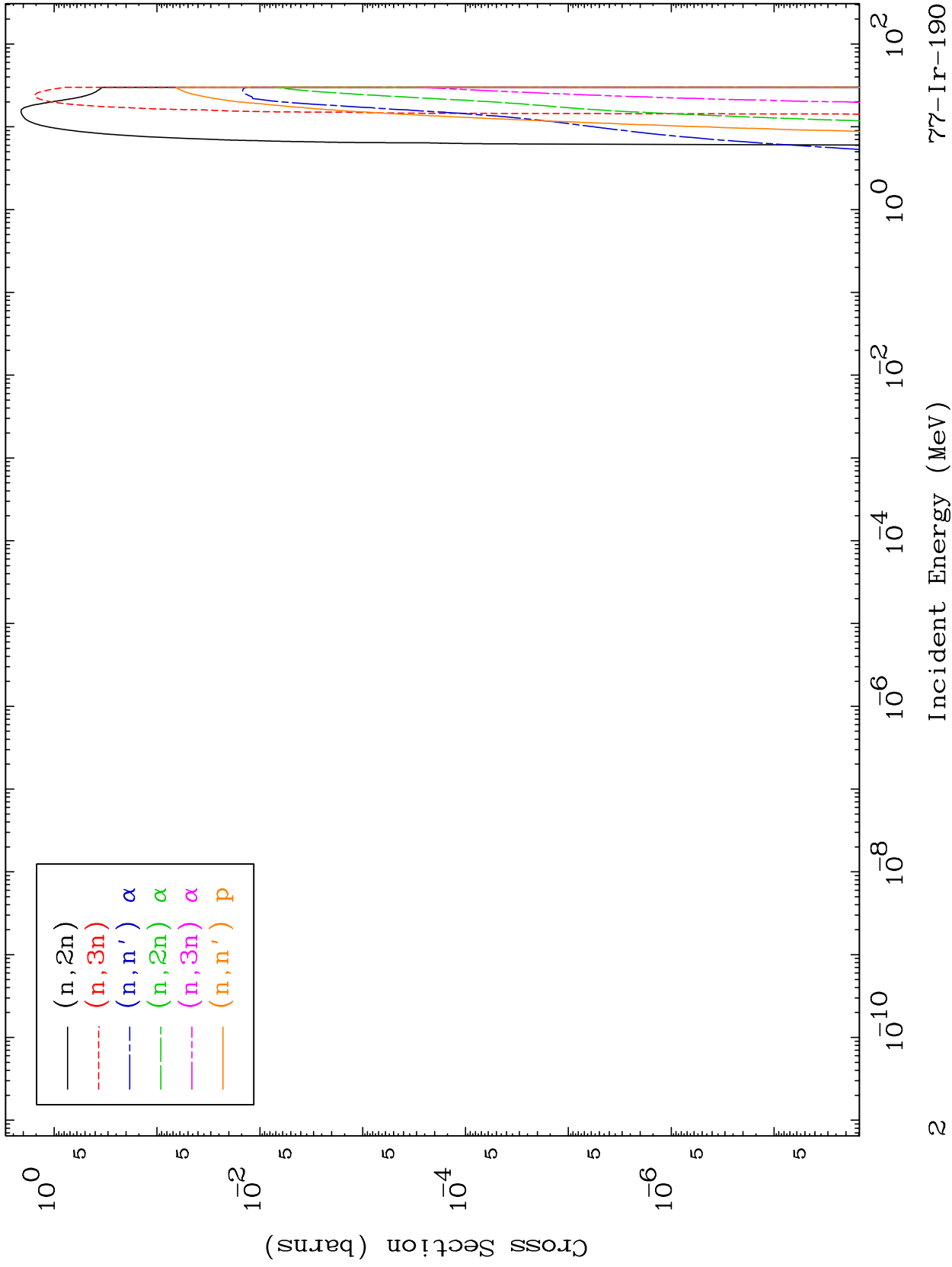
77-Ir-190



MAT 7724

Neutron Production
293 Kelvin Cross Sections

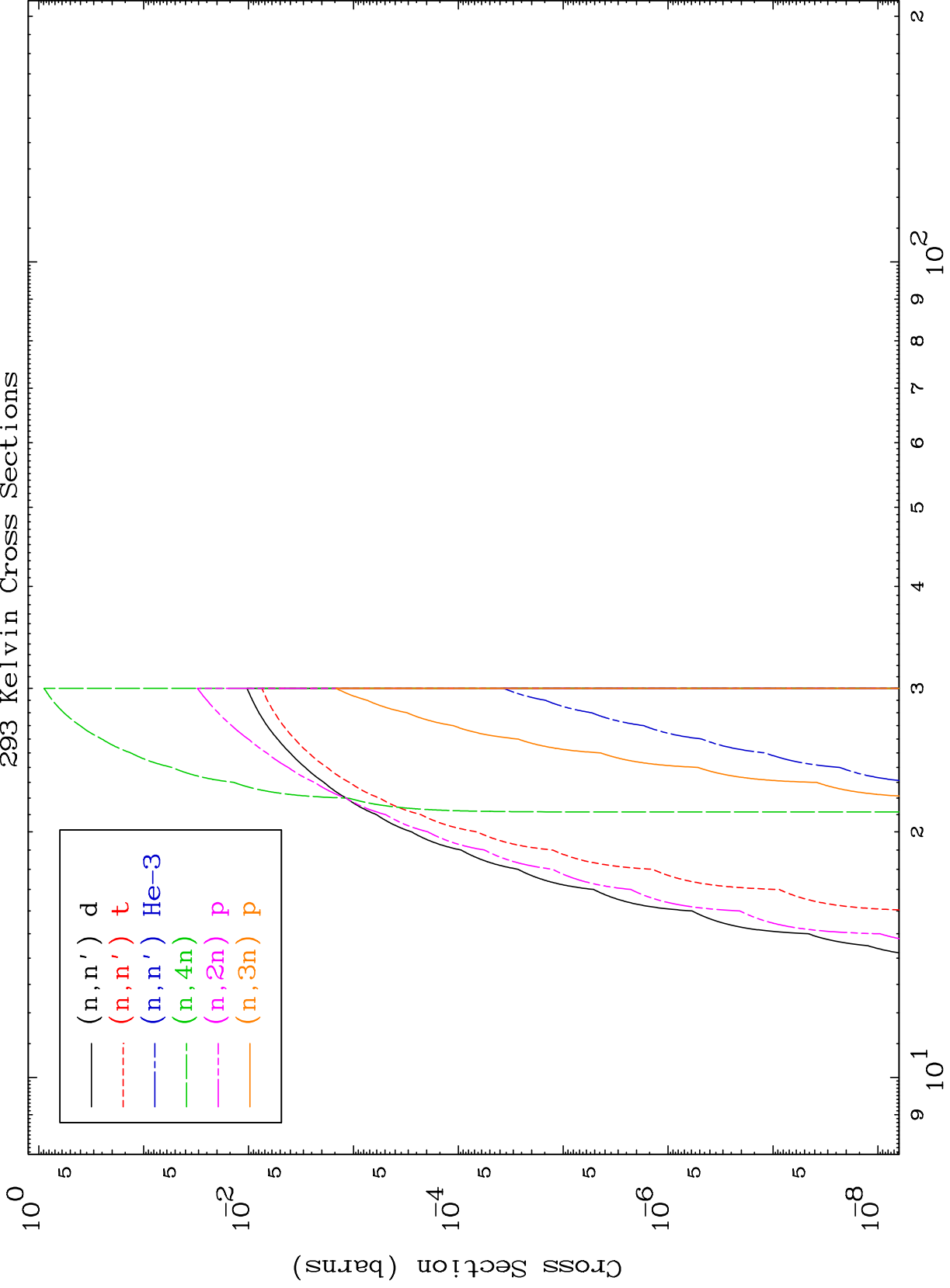
77-Ir-190



MAT 7724

Neutron Production
293 Kelvin Cross Sections

77-Ir-190



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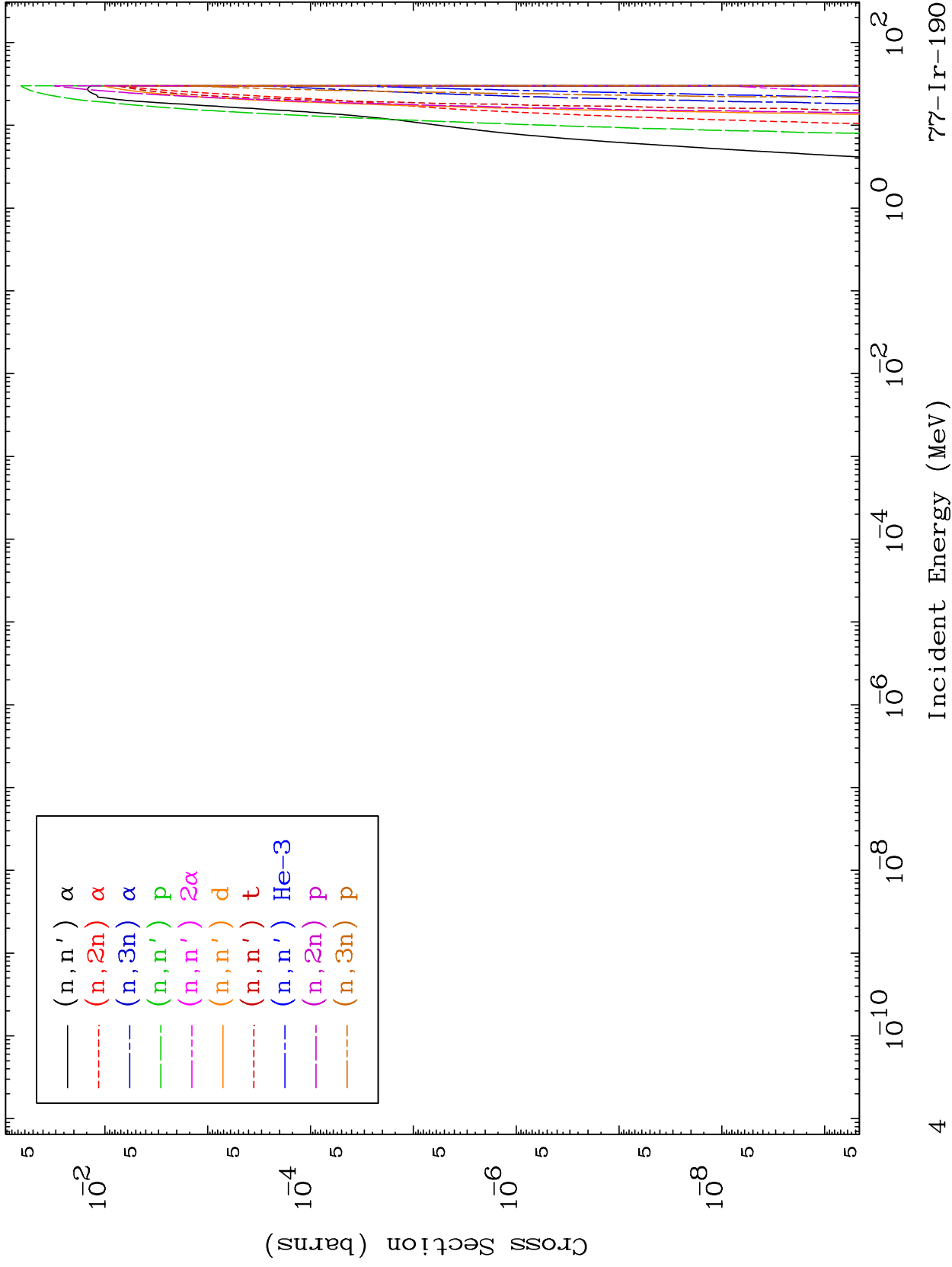
Incident Energy (MeV)

77-Ir-190

MAT 7724

Charged Particle
293 Kelvin Cross Sections

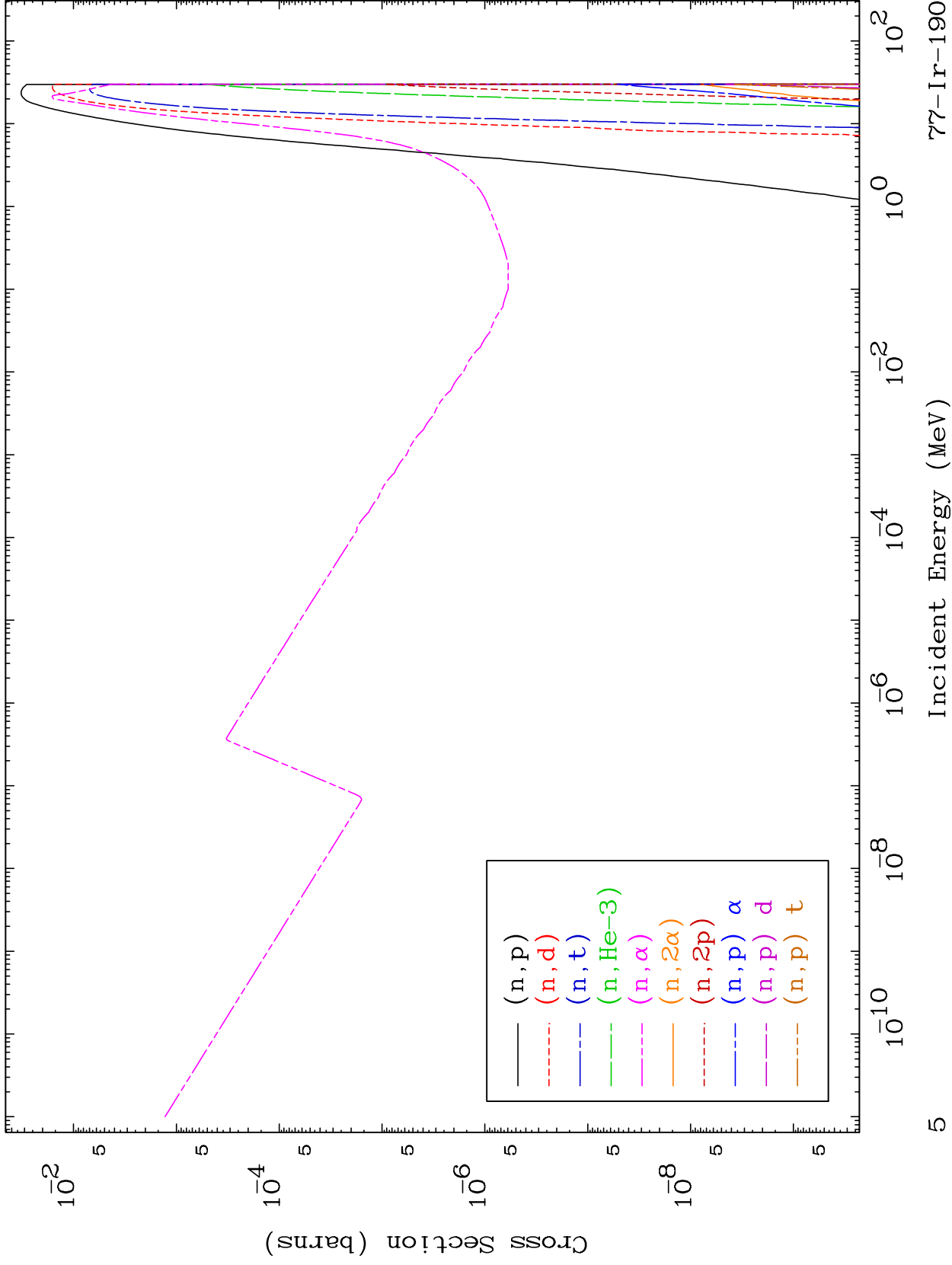
77-Ir-190

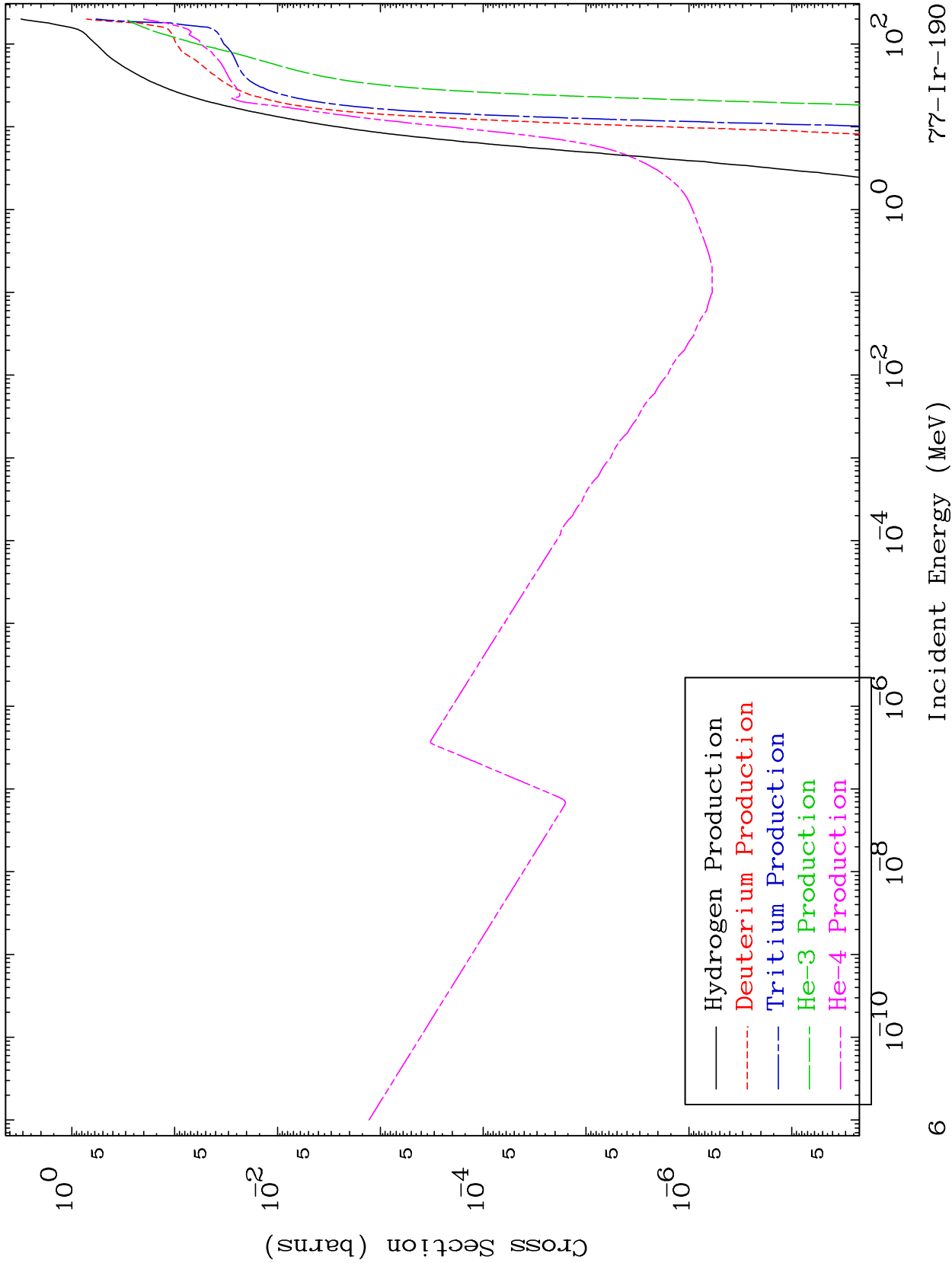


MAT 7724

Charged Particle
293 Kelvin Cross Sections

77-Ir-190

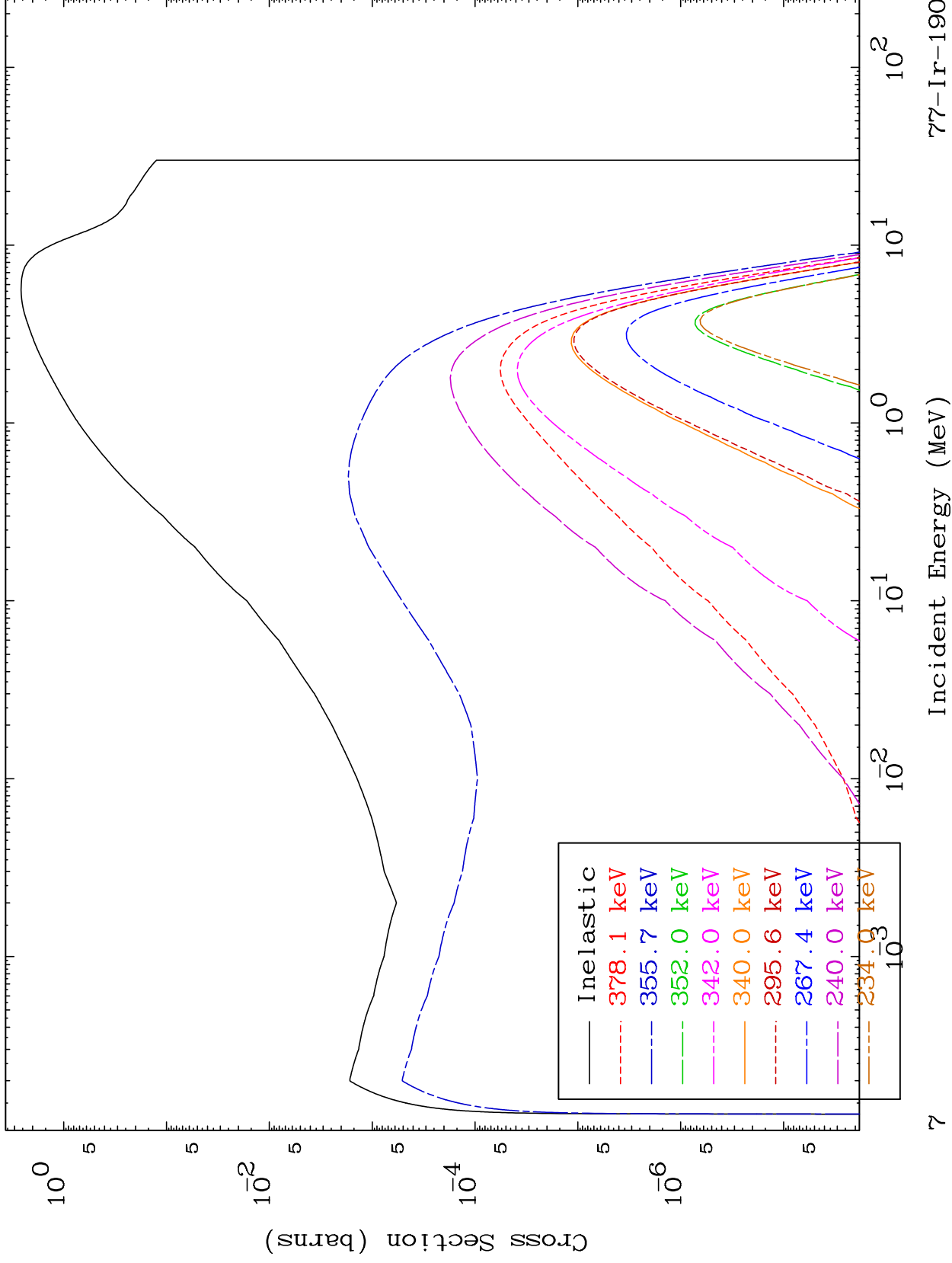


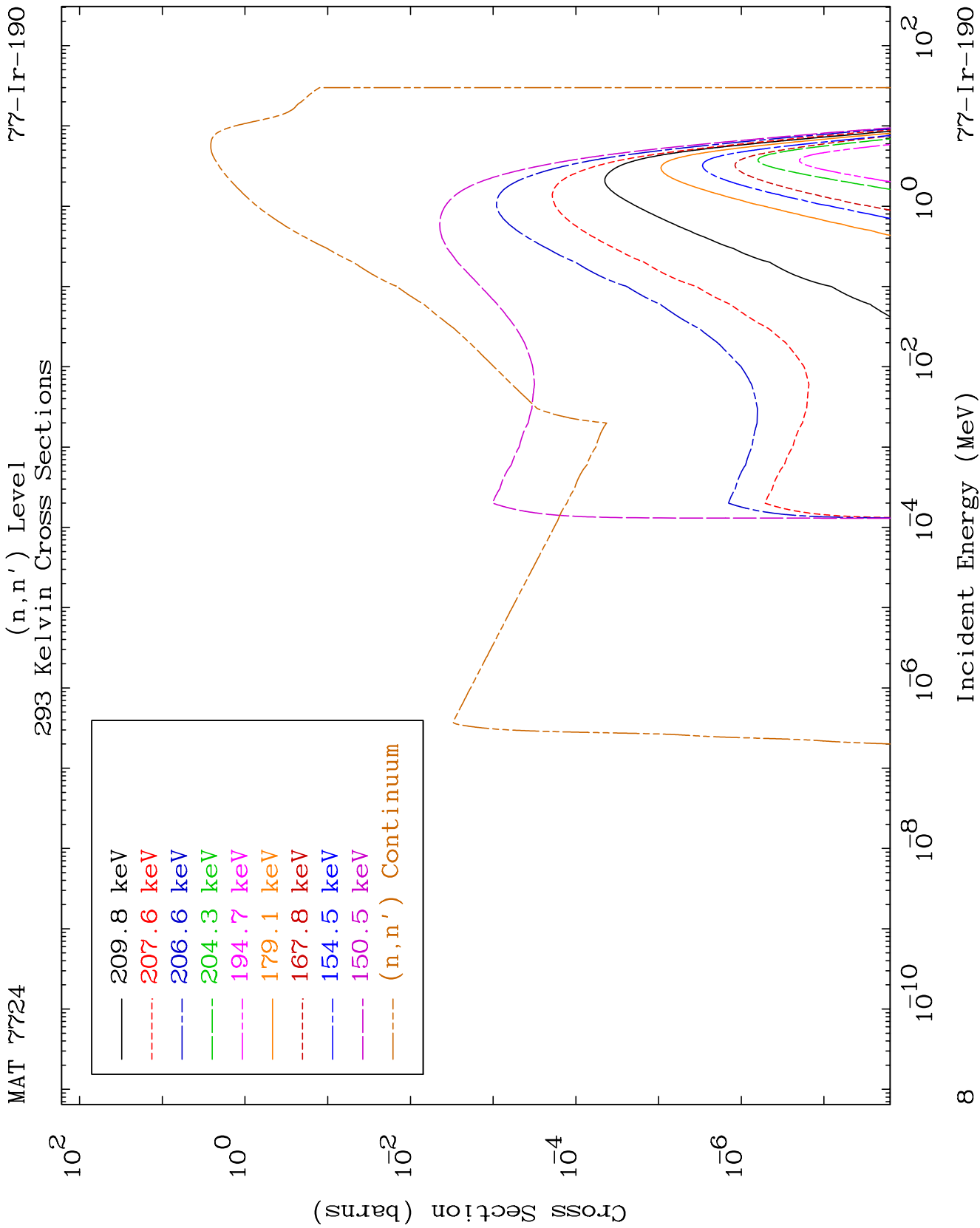


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(n,n') Level
293 Kelvin Cross Sections

77-Ir-190

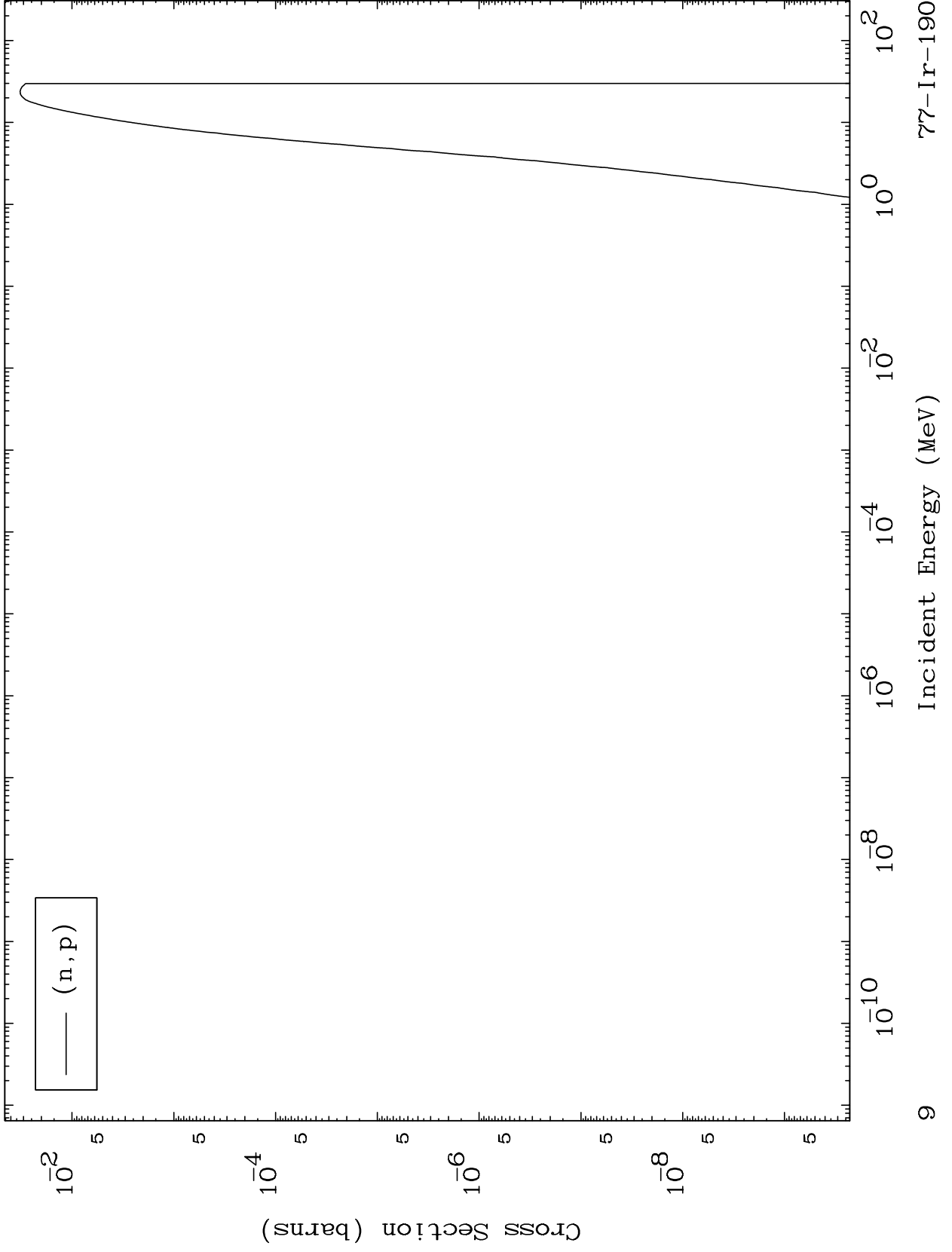




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(n,p) Levels
293 Kelvin Cross Sections

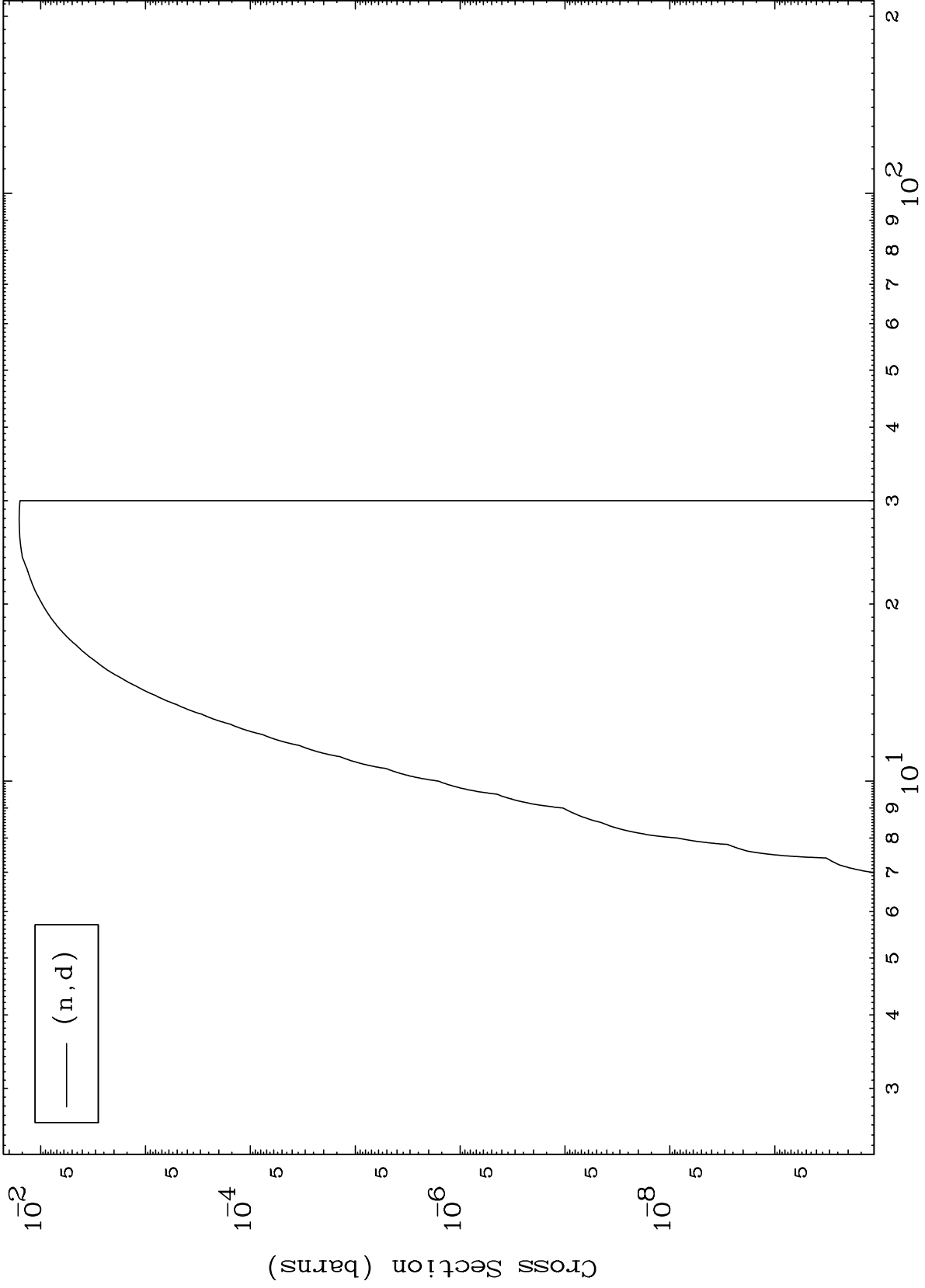
77-Ir-190



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(n,d) Levels
293 Kelvin Cross Sections

77-Ir-190



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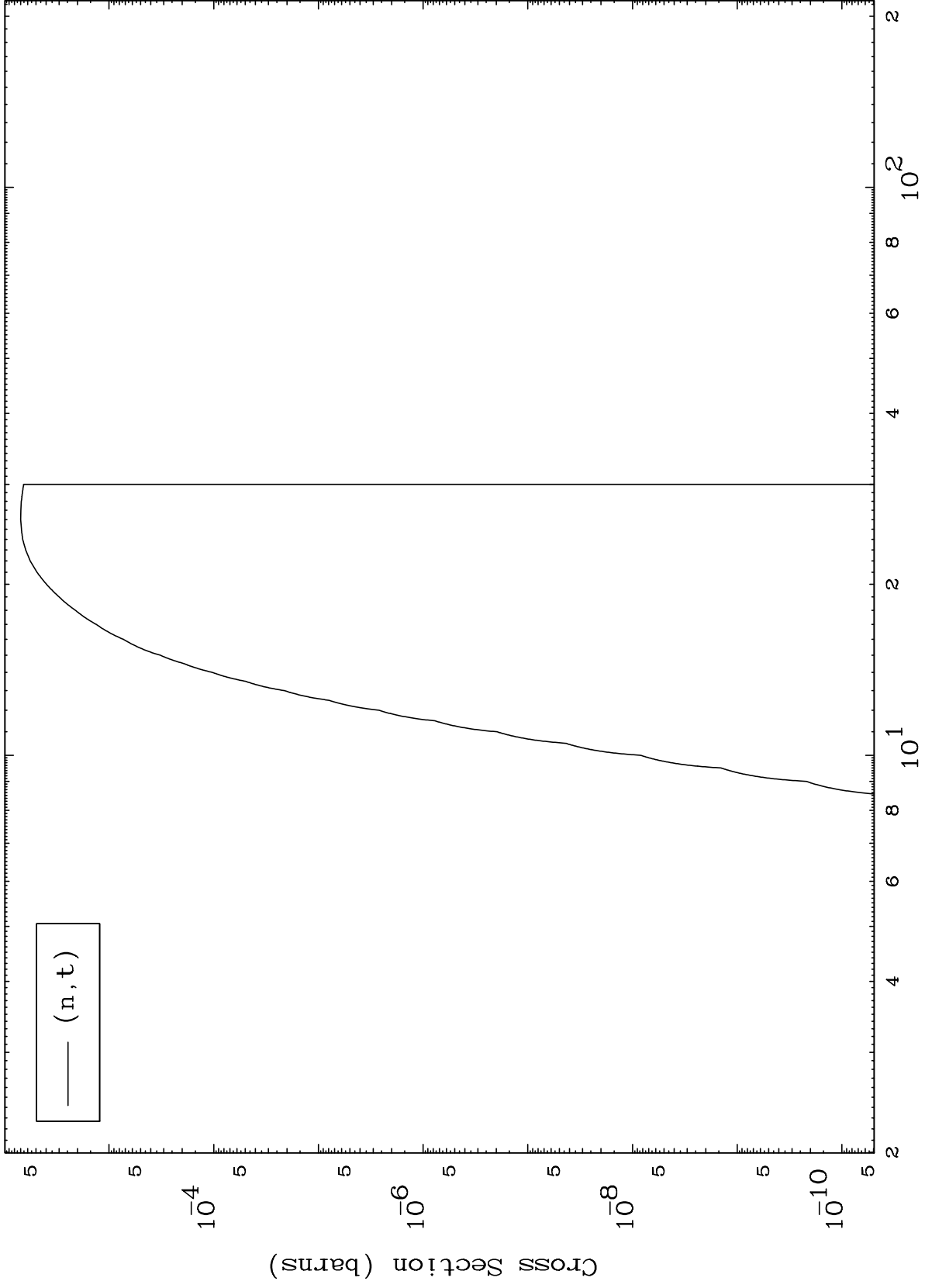
Incident Energy (MeV)

77-Ir-190

MAT 7724

(n,t) Levels
293 Kelvin Cross Sections

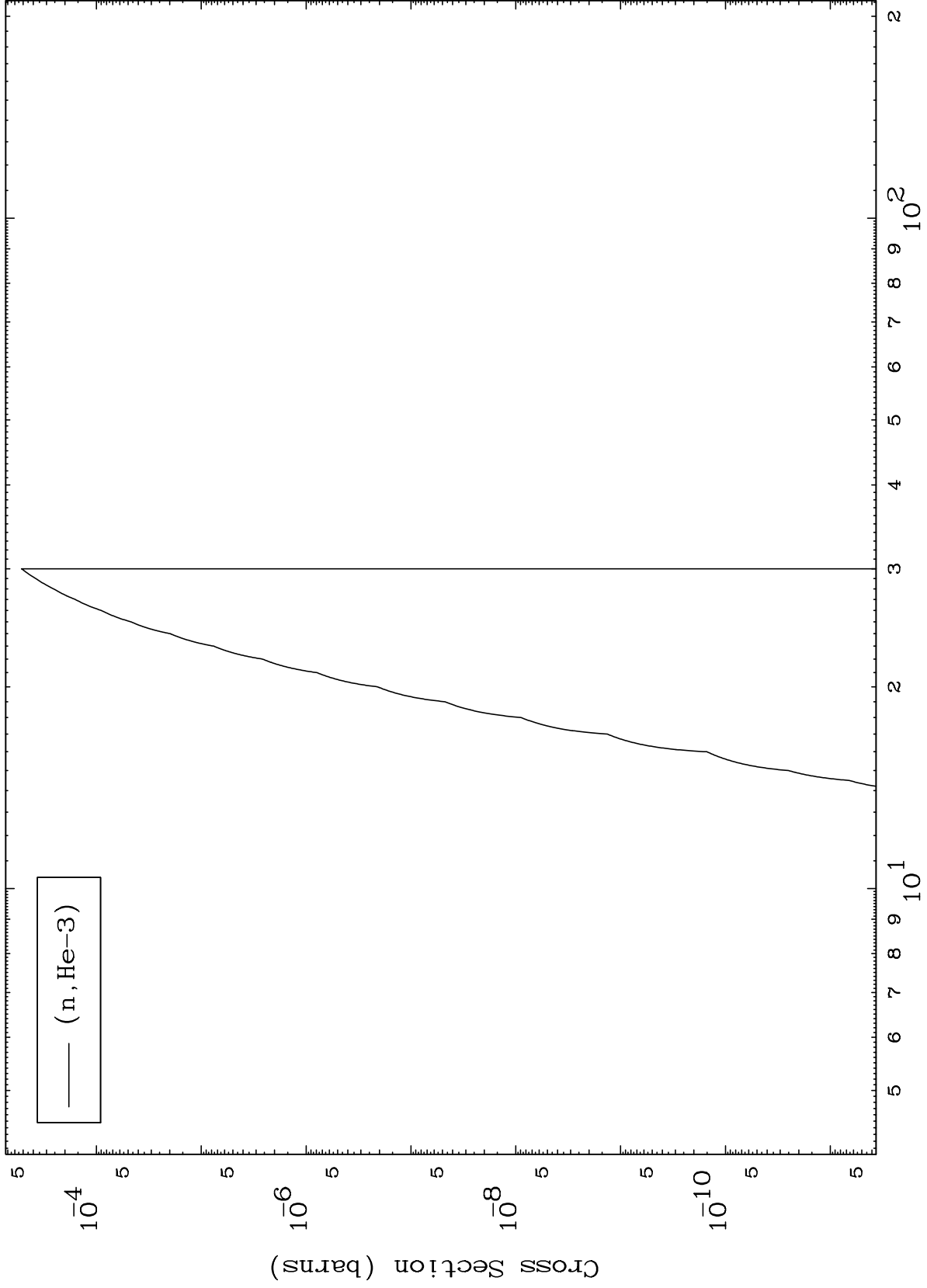
77-Ir-190



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(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-190



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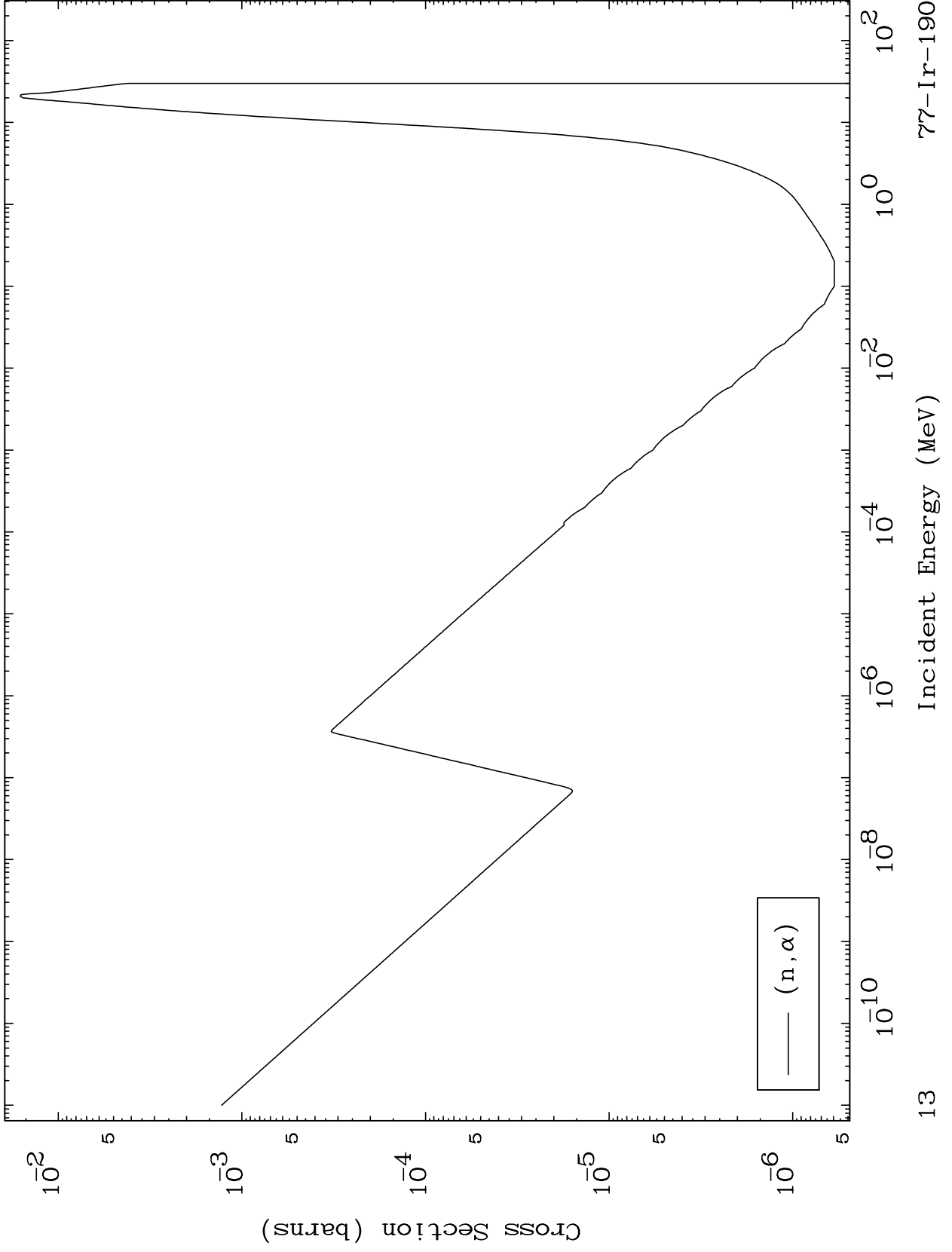
Incident Energy (MeV)

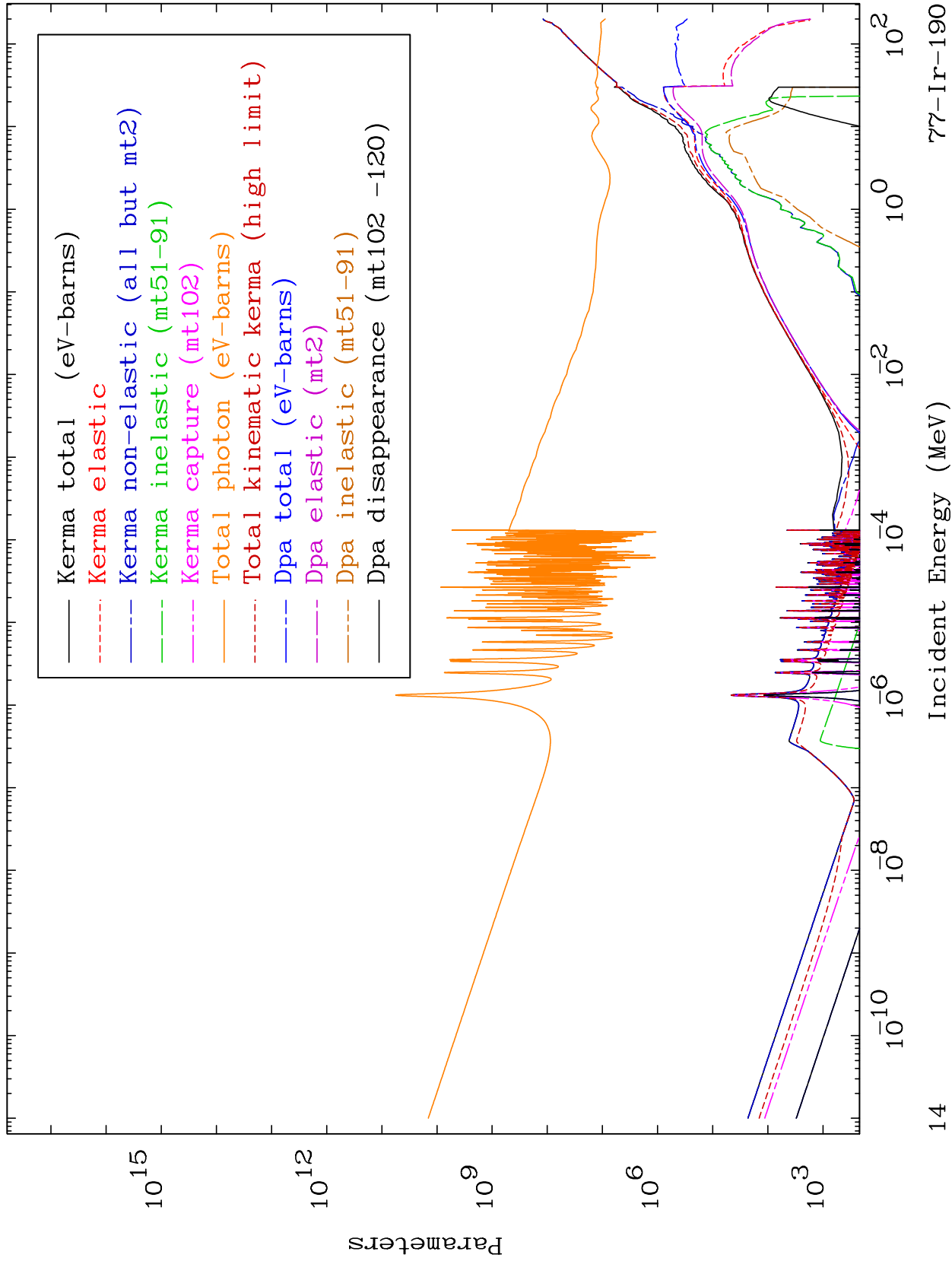
77-Ir-190

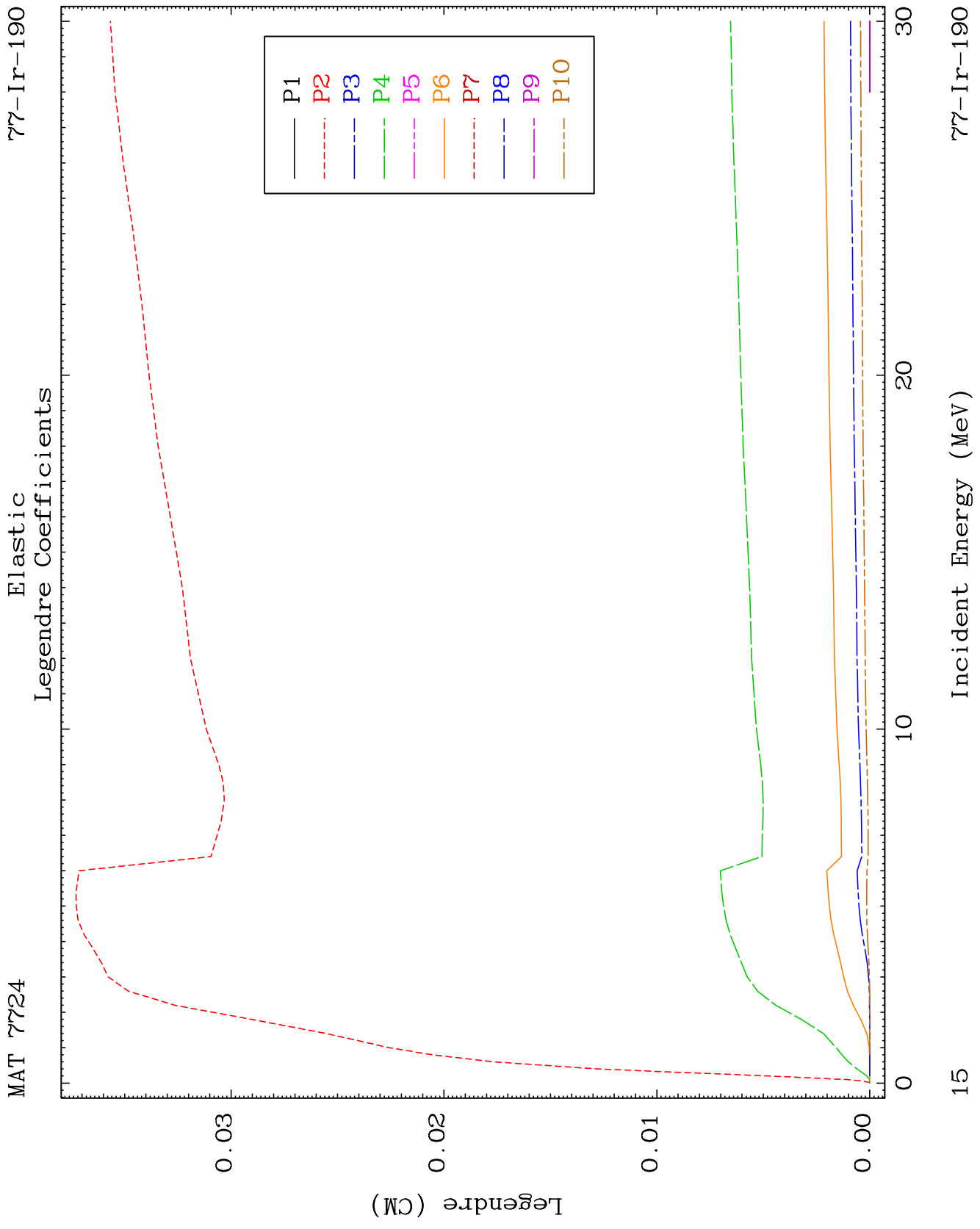
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(n,α) Levels
293 Kelvin Cross Sections

77-Ir-190



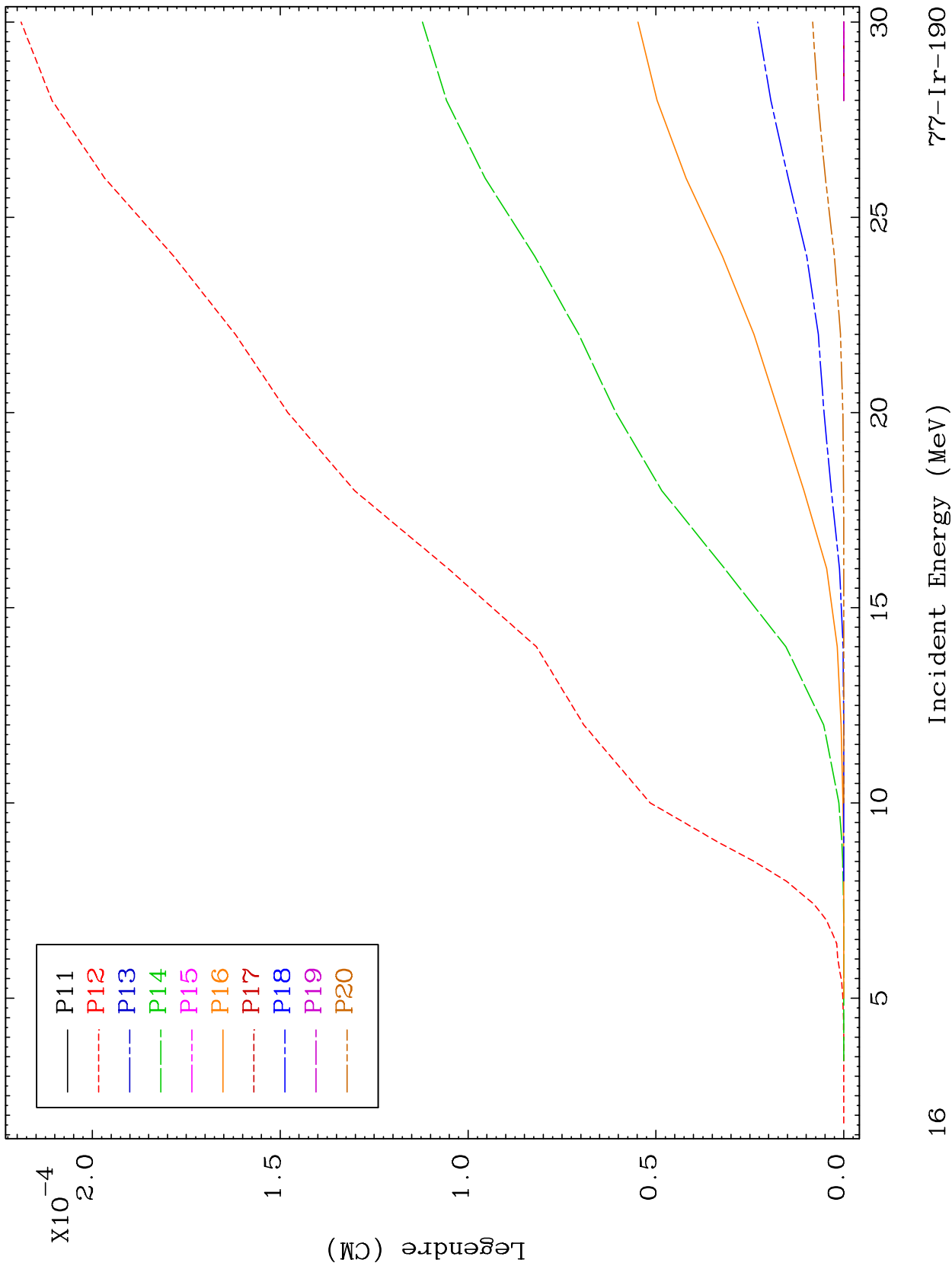




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Elastic Legendre Coefficients

77-Ir-190

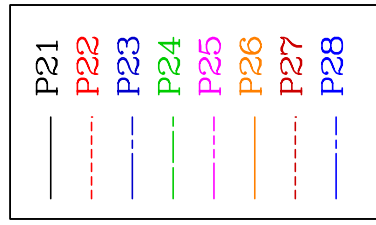


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Elastic
Legendre Coefficients

77-Ir-190



$\times 10^{-6}$
1.0

0.8

0.6

0.4

0.2

0.0

Legendre (CM)

15

20

25

30

17

Incident Energy (MeV)

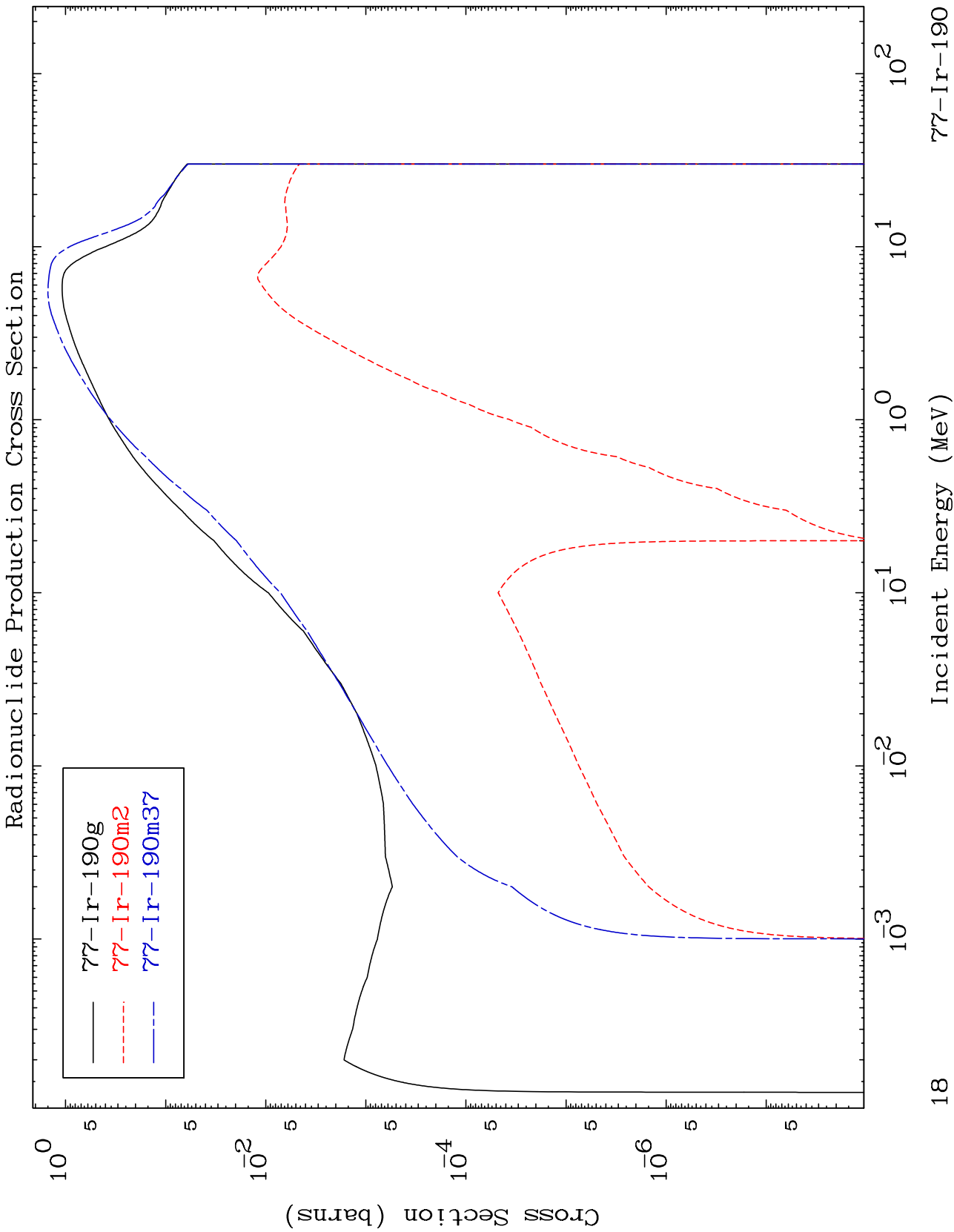
77-Ir-190



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77-Ir-190

Inelastic
Radionuclide Production Cross Section

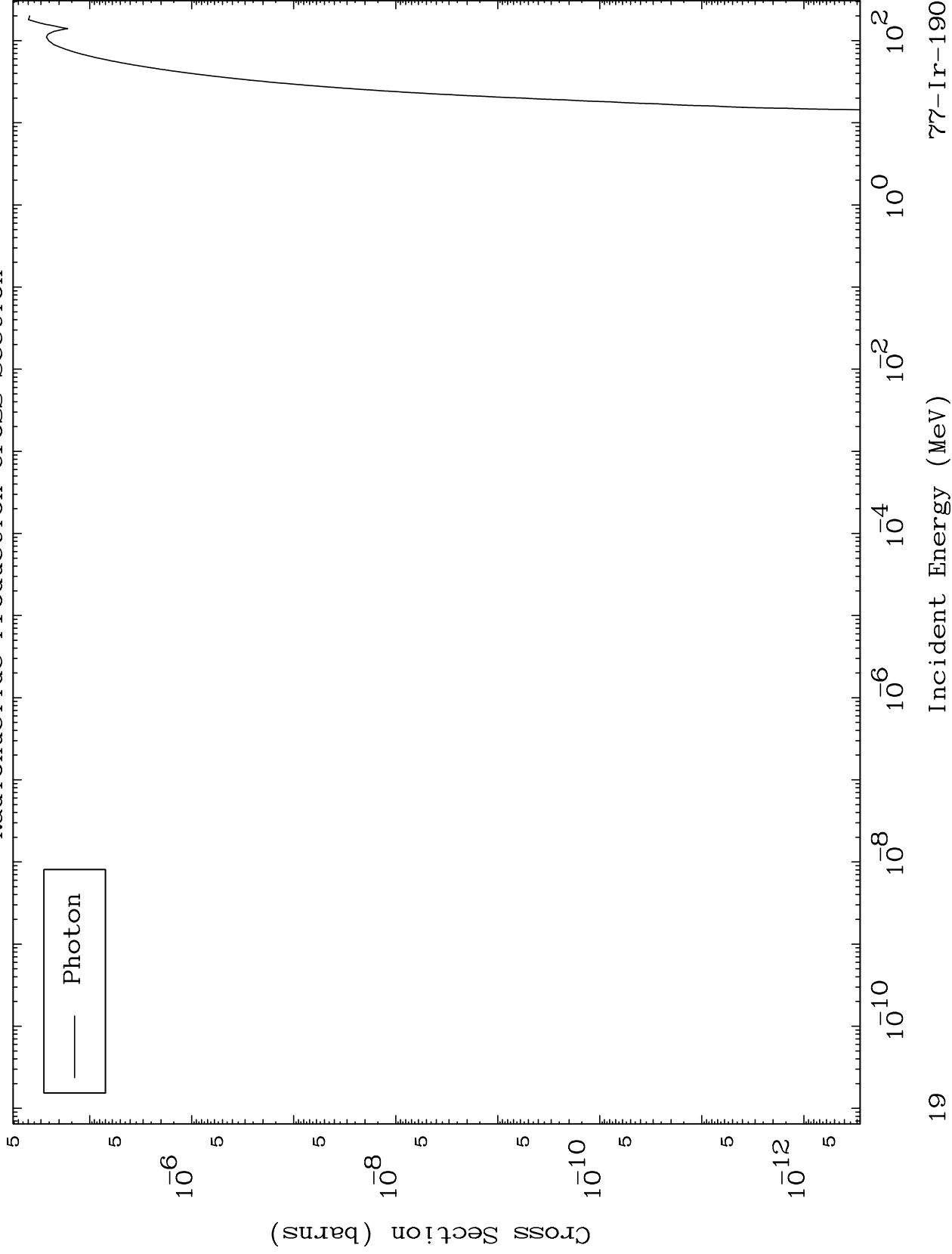


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Fission

⁷⁷Ir-190

Radionuclide Production Cross Section

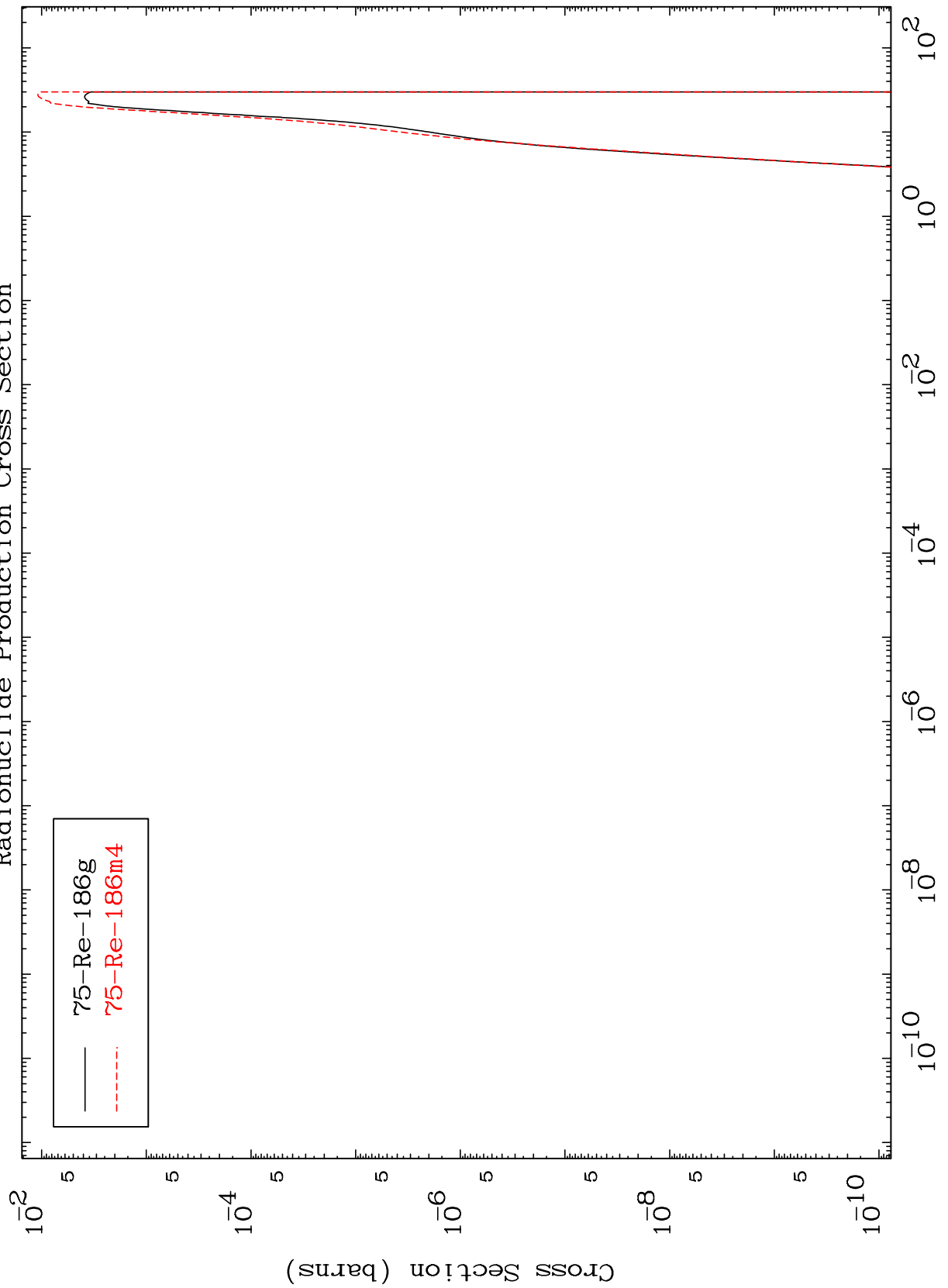


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$(n, n') \alpha$

$^{77}\text{Ir-190}$

Radionuclide Production Cross Section

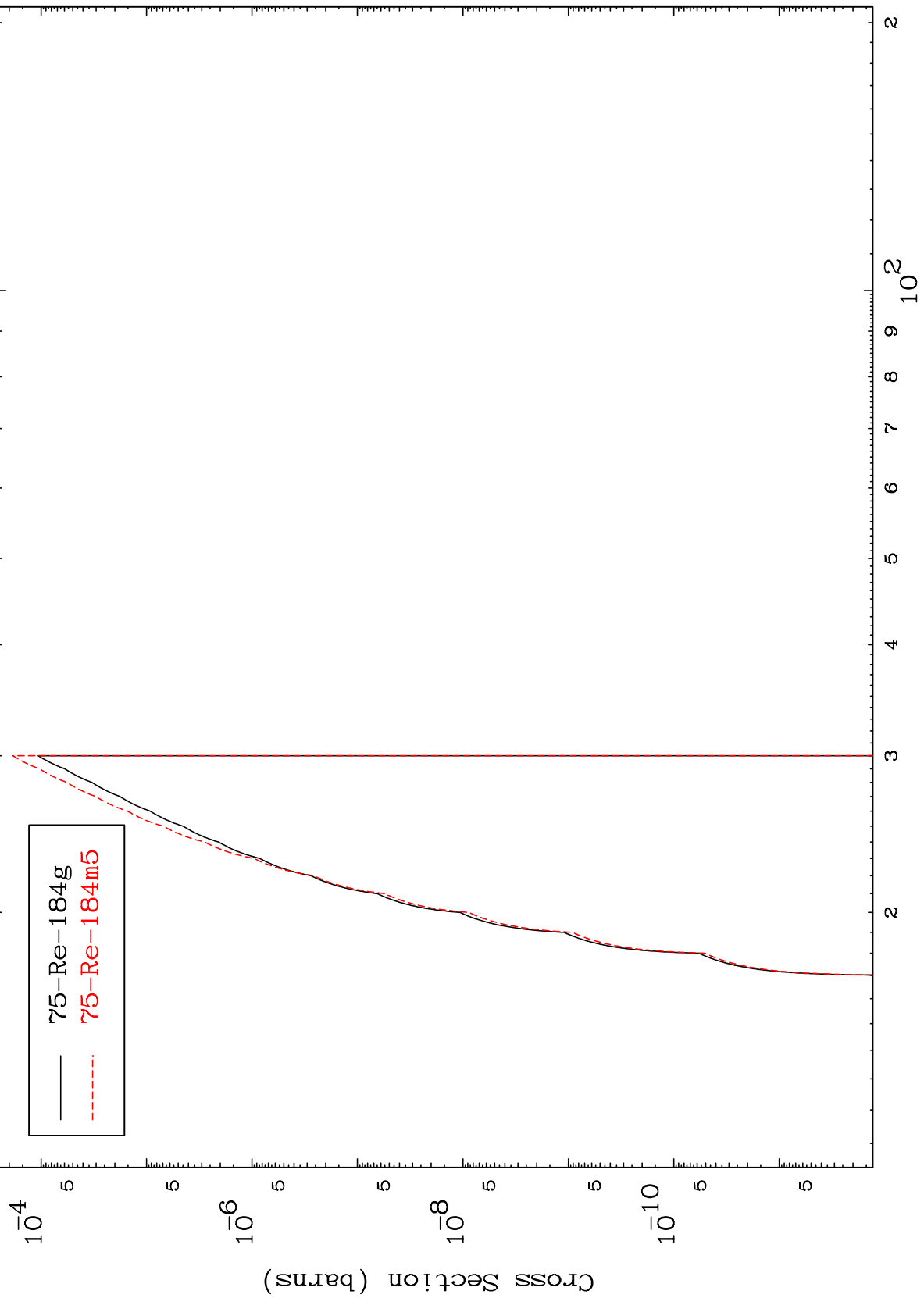


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(n,3n) α

⁷⁷Ir-190

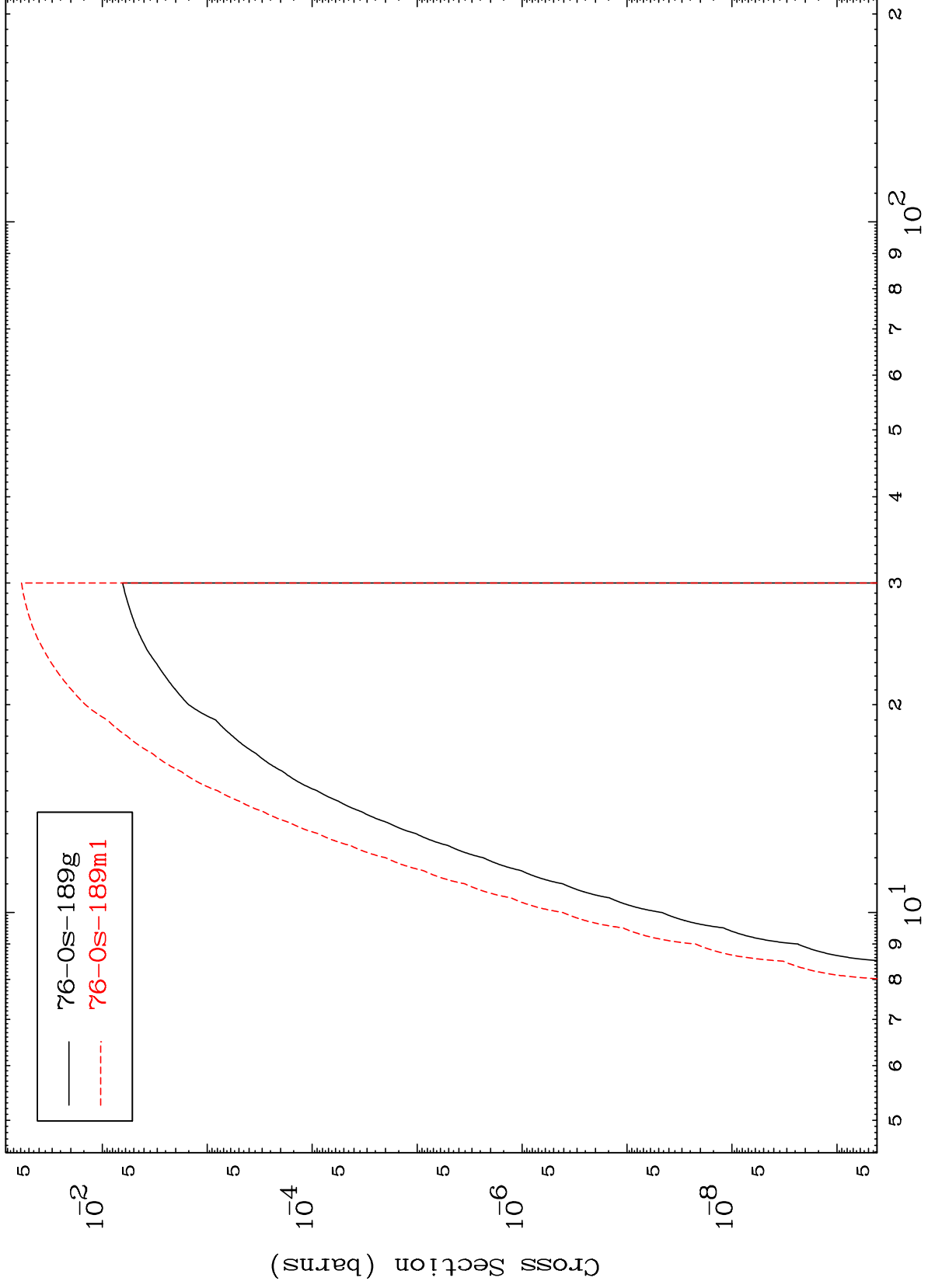
Radionuclide Production Cross Section



MAT 7724

⁷⁷Ir-190

(n,n') p
Radionuclide Production Cross Section



22

Incident Energy (MeV)

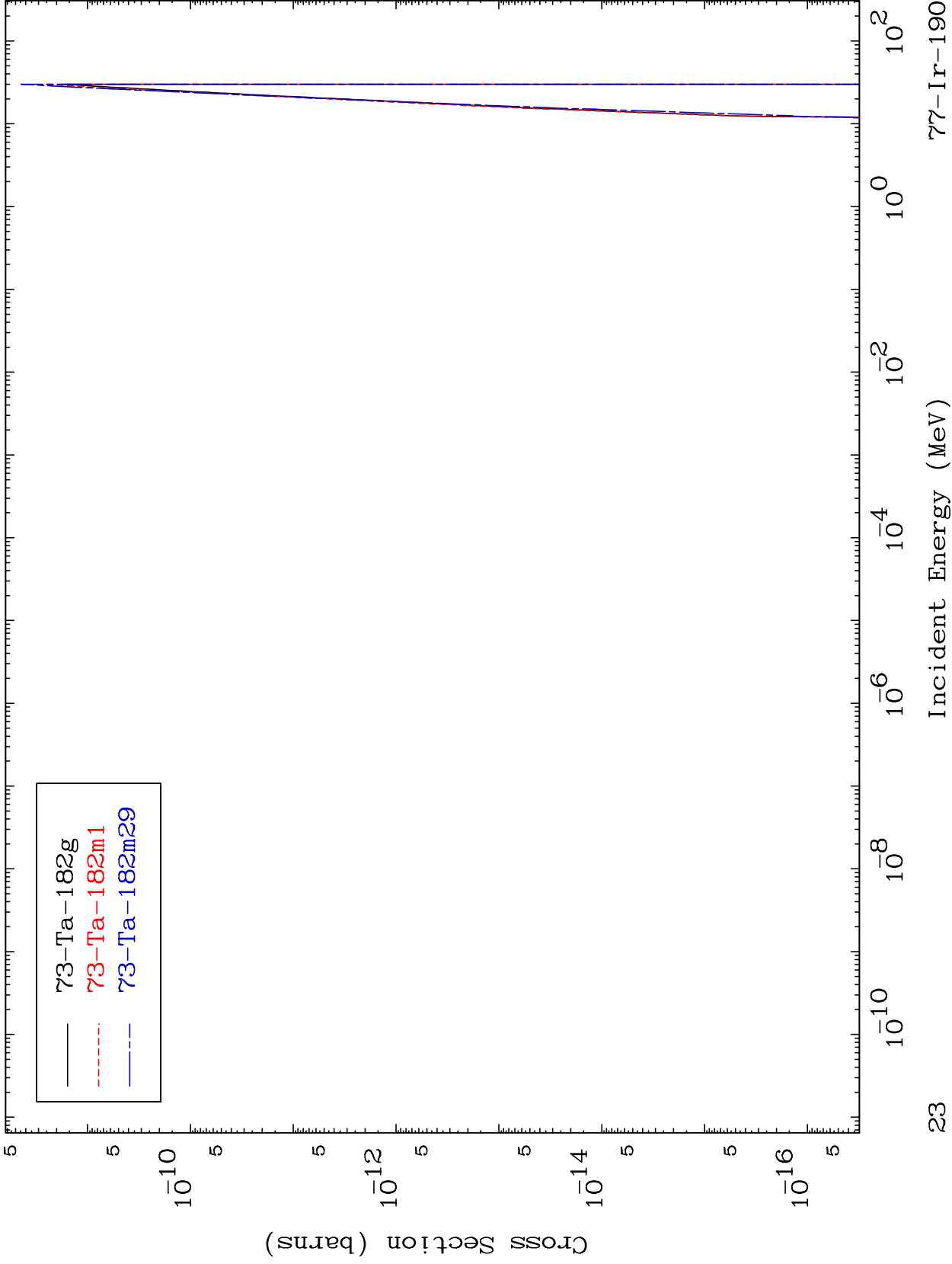
⁷⁷Ir-190

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(n,n') 2α

77-Ir-190

Radionuclide Production Cross Section

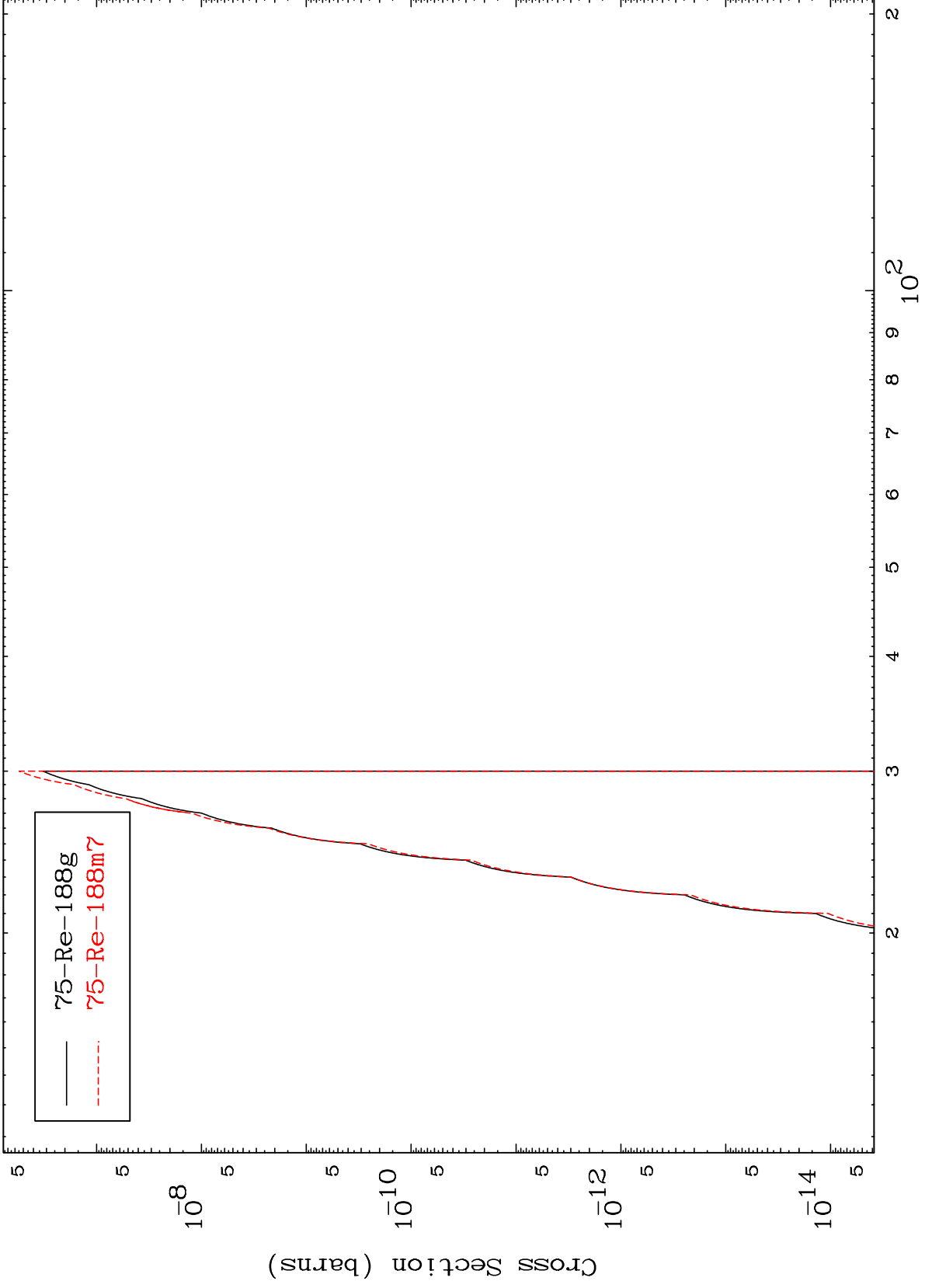


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(n,2n) p

⁷⁷Ir-190

Radionuclide Production Cross Section

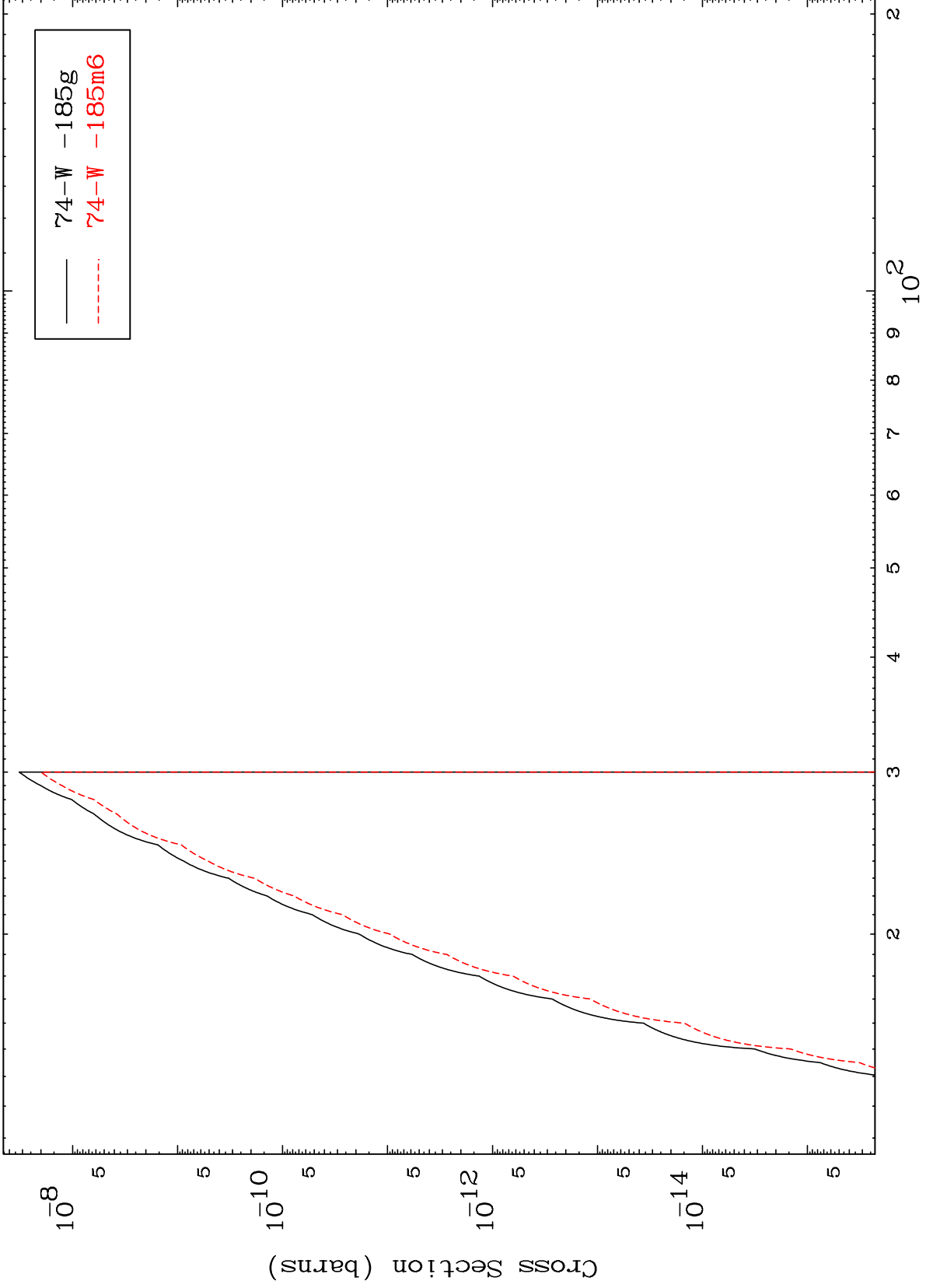


24

Incident Energy (MeV)

⁷⁷Ir-190

Radionuclide Production Cross Section

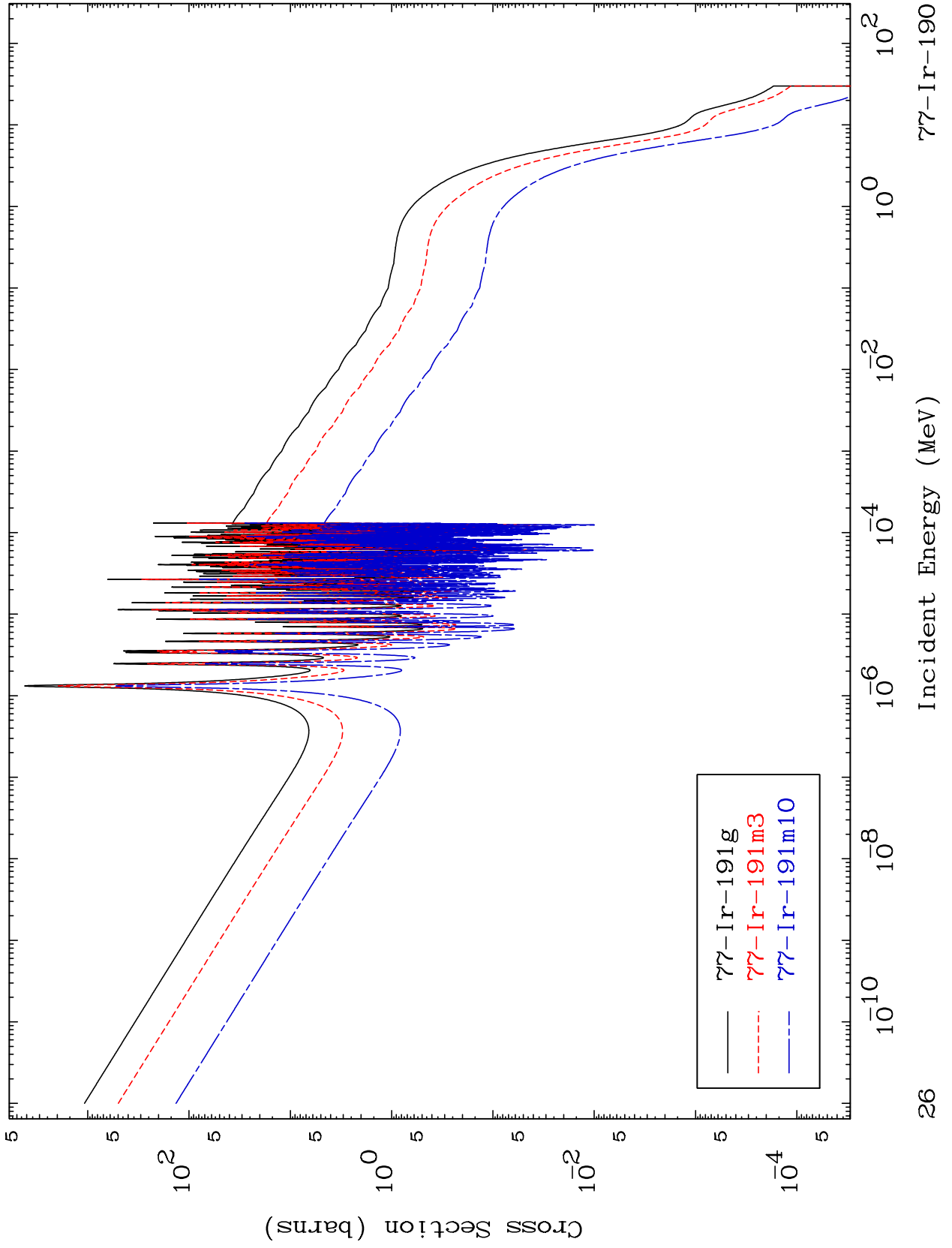


MAT 7724

⁷⁷Ir-190

Radionuclide Production Cross Section

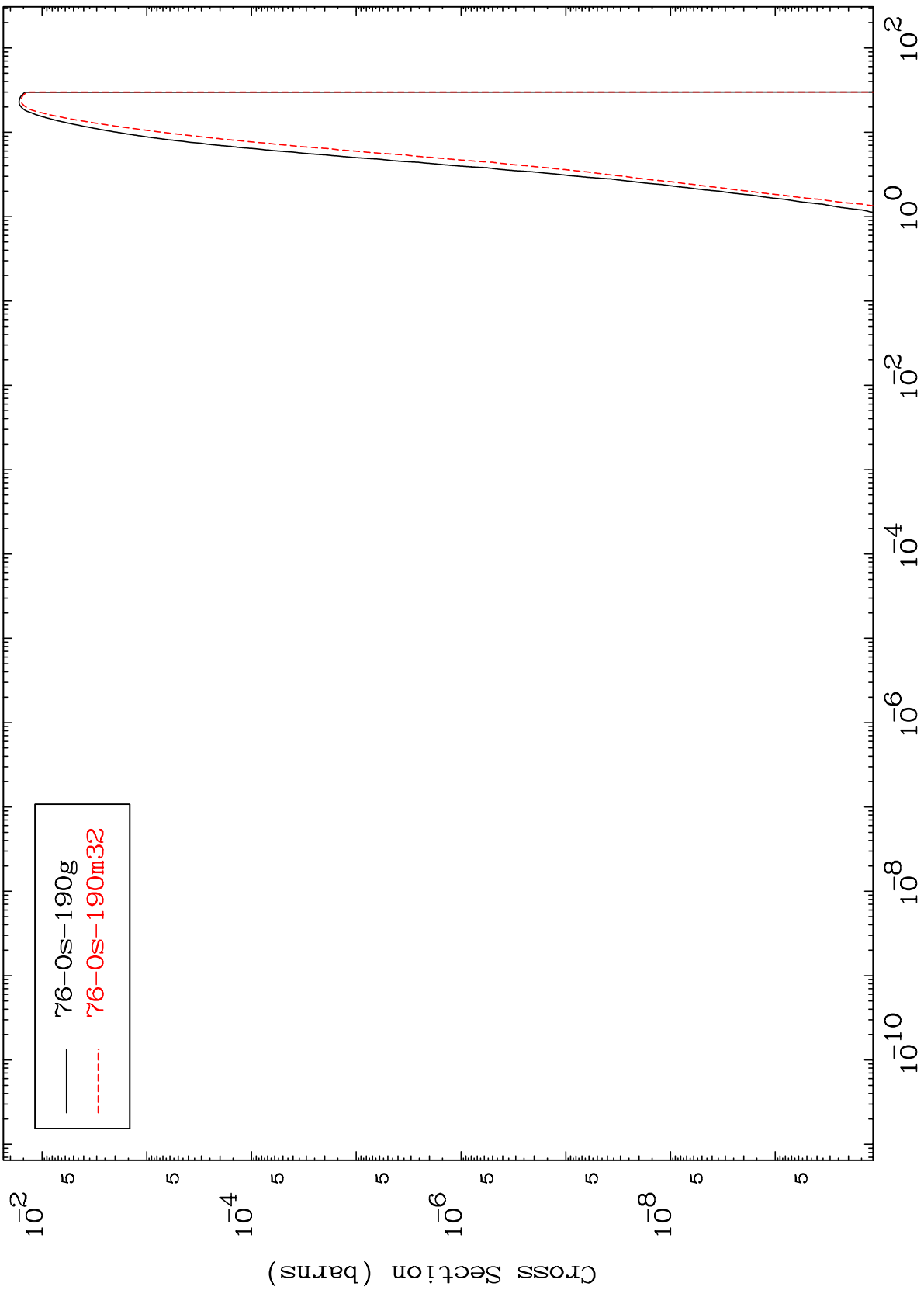
(n,γ)



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⁷⁷Ir-190

(n,p)
Radionuclide Production Cross Section



— 76-Os-190g
- - - 76-Os-190m32

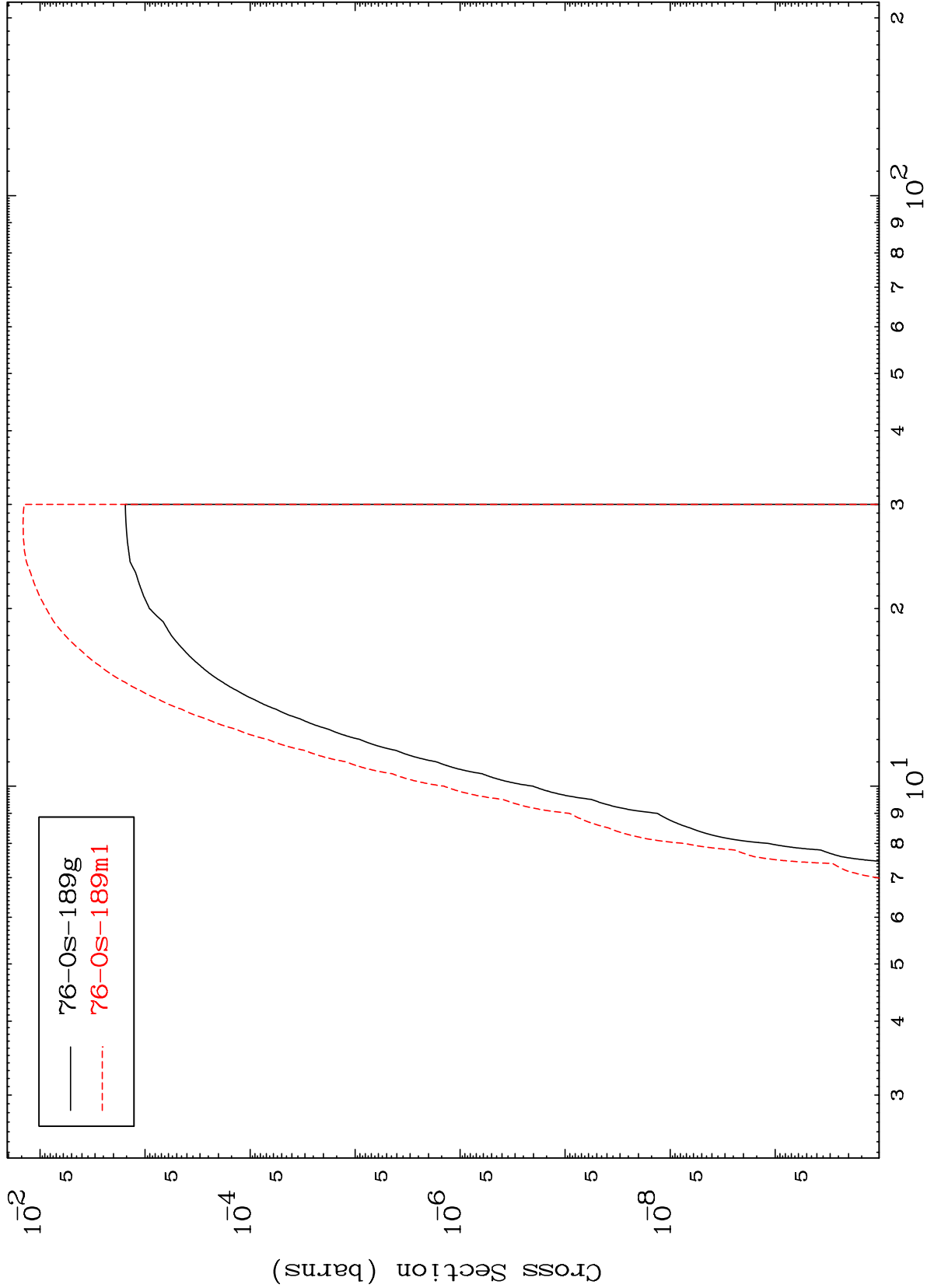
⁷⁷Ir-190

Incident Energy (MeV)

MAT 7724

⁷⁷Ir-190

(n,d)
Radionuclide Production Cross Section

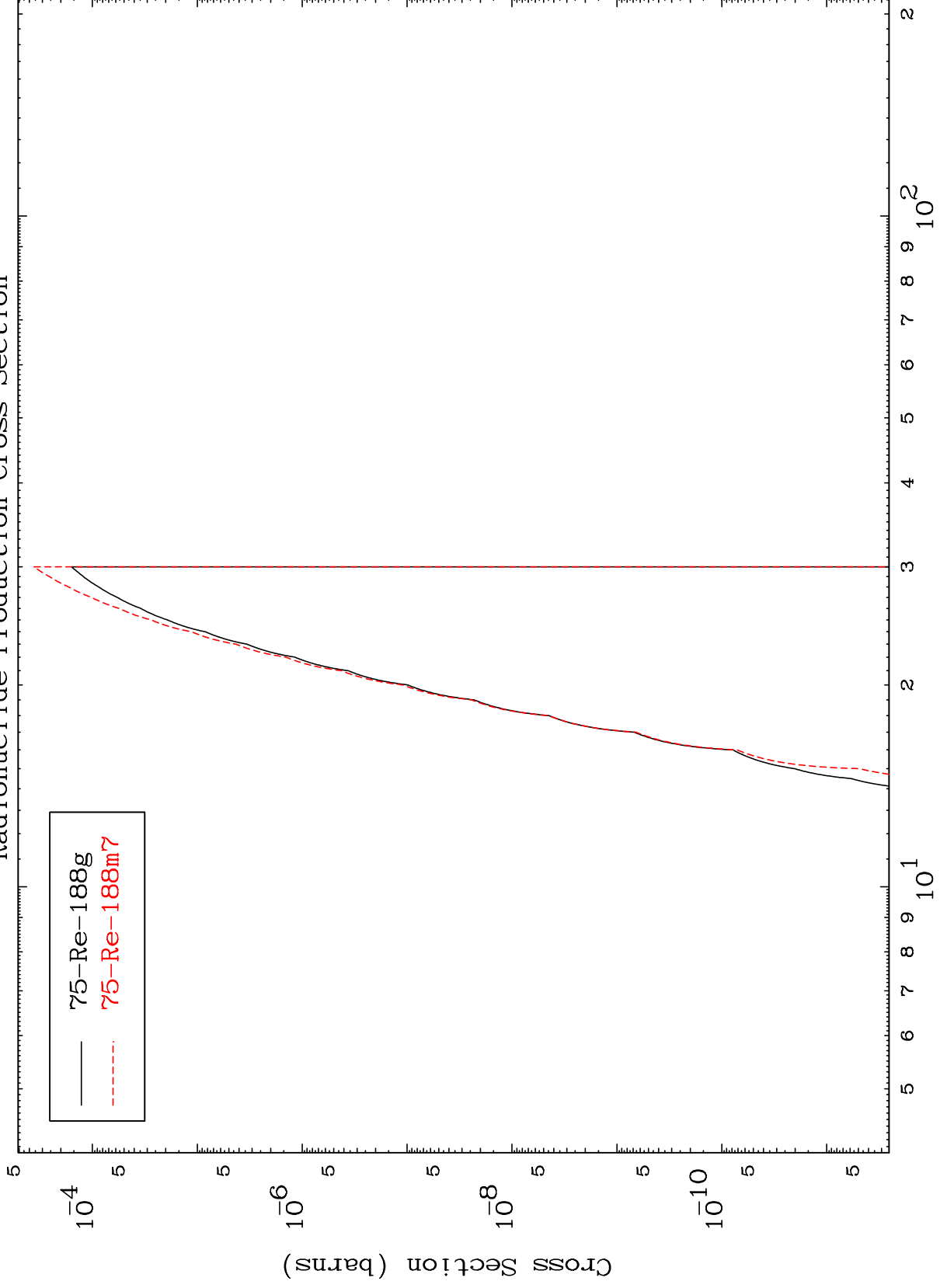


⁷⁷Ir-190

Incident Energy (MeV)

28

(n,He-3)
Radionuclide Production Cross Section

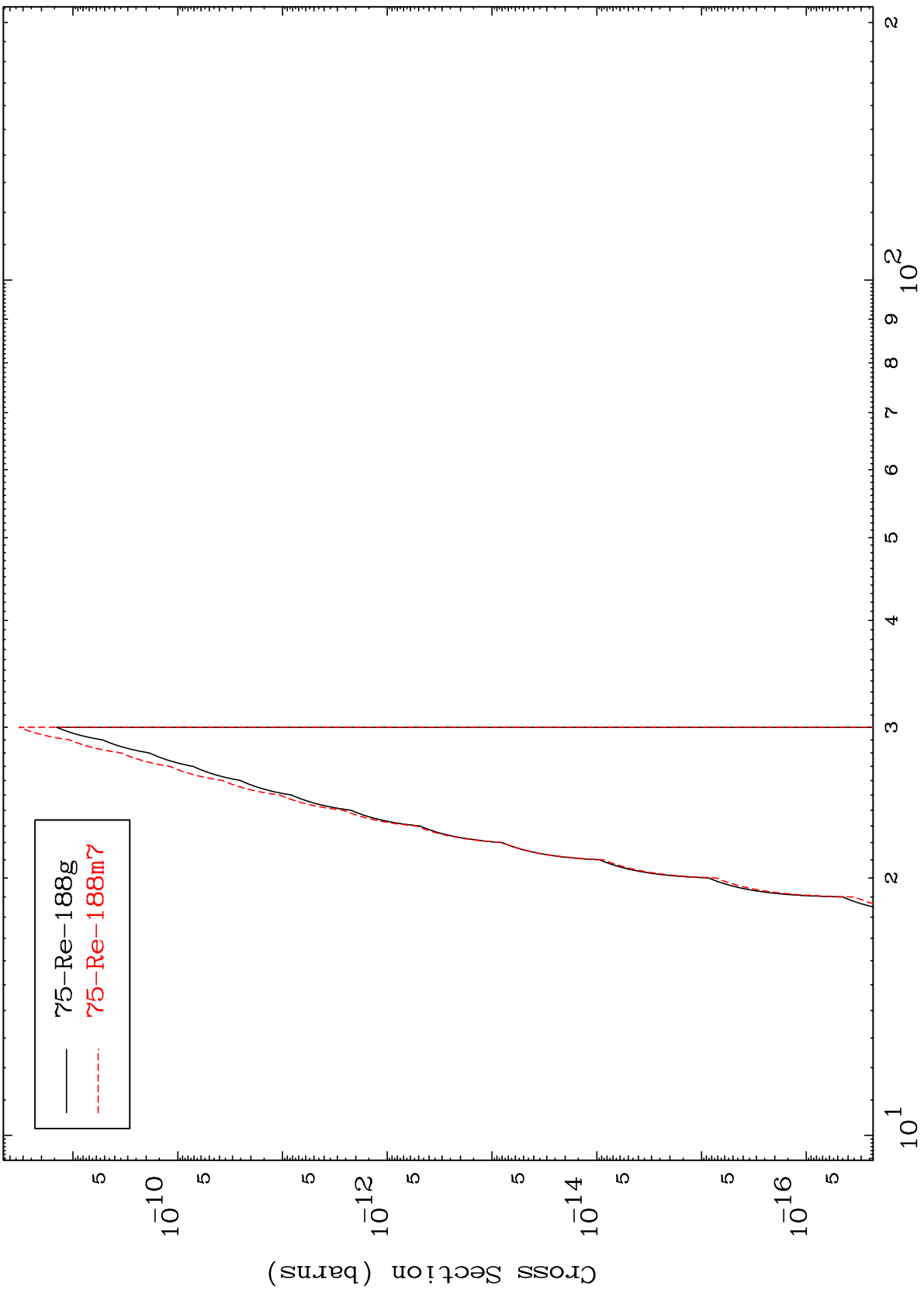


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(n,p) d

77-Ir-190

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-190

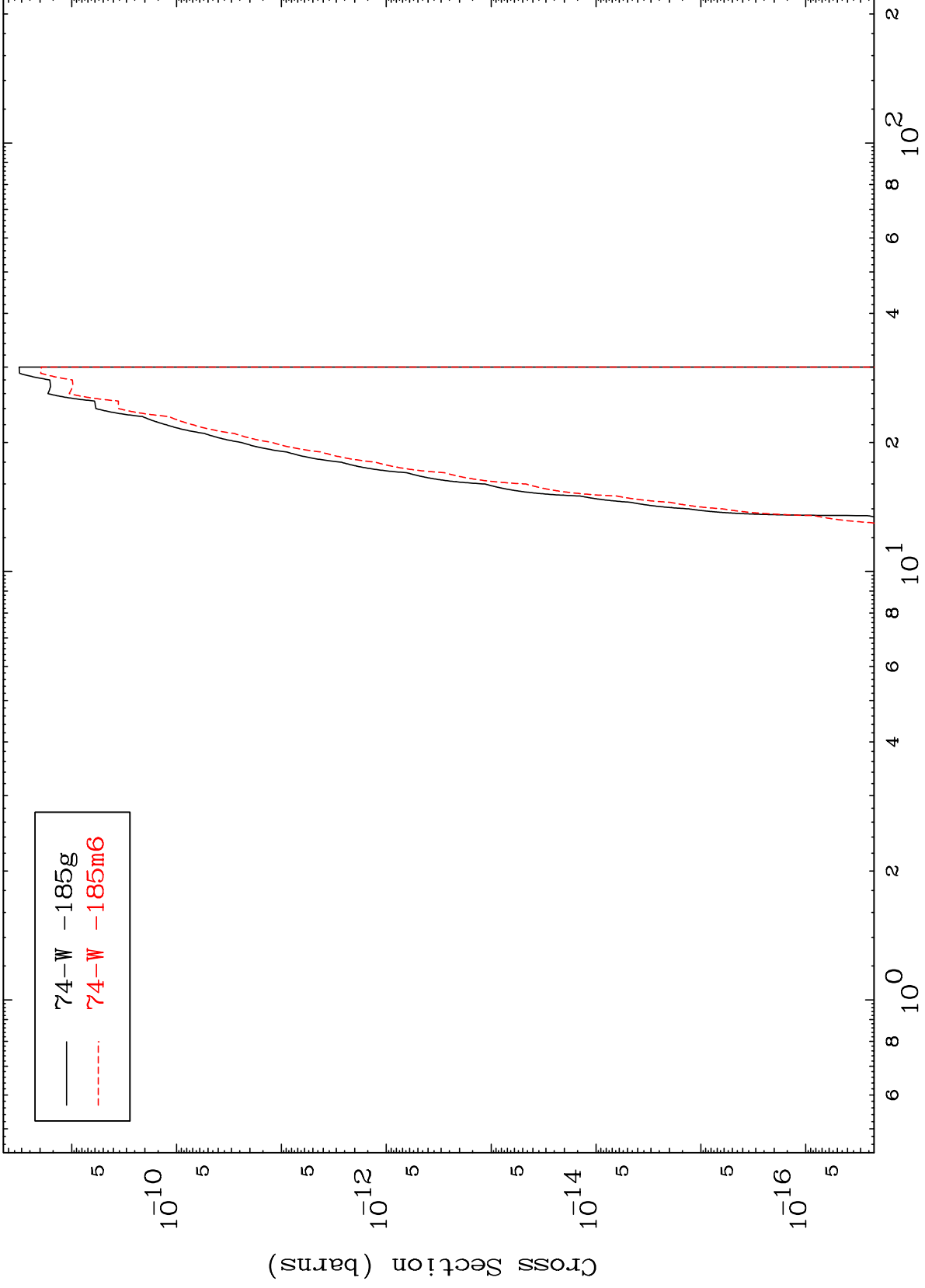
30

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(n,d) α

⁷⁷Ir-190

Radionuclide Production Cross Section



31

Incident Energy (MeV)

⁷⁷Ir-190