

Program EVALPLOT
(Version 2018-1)

by

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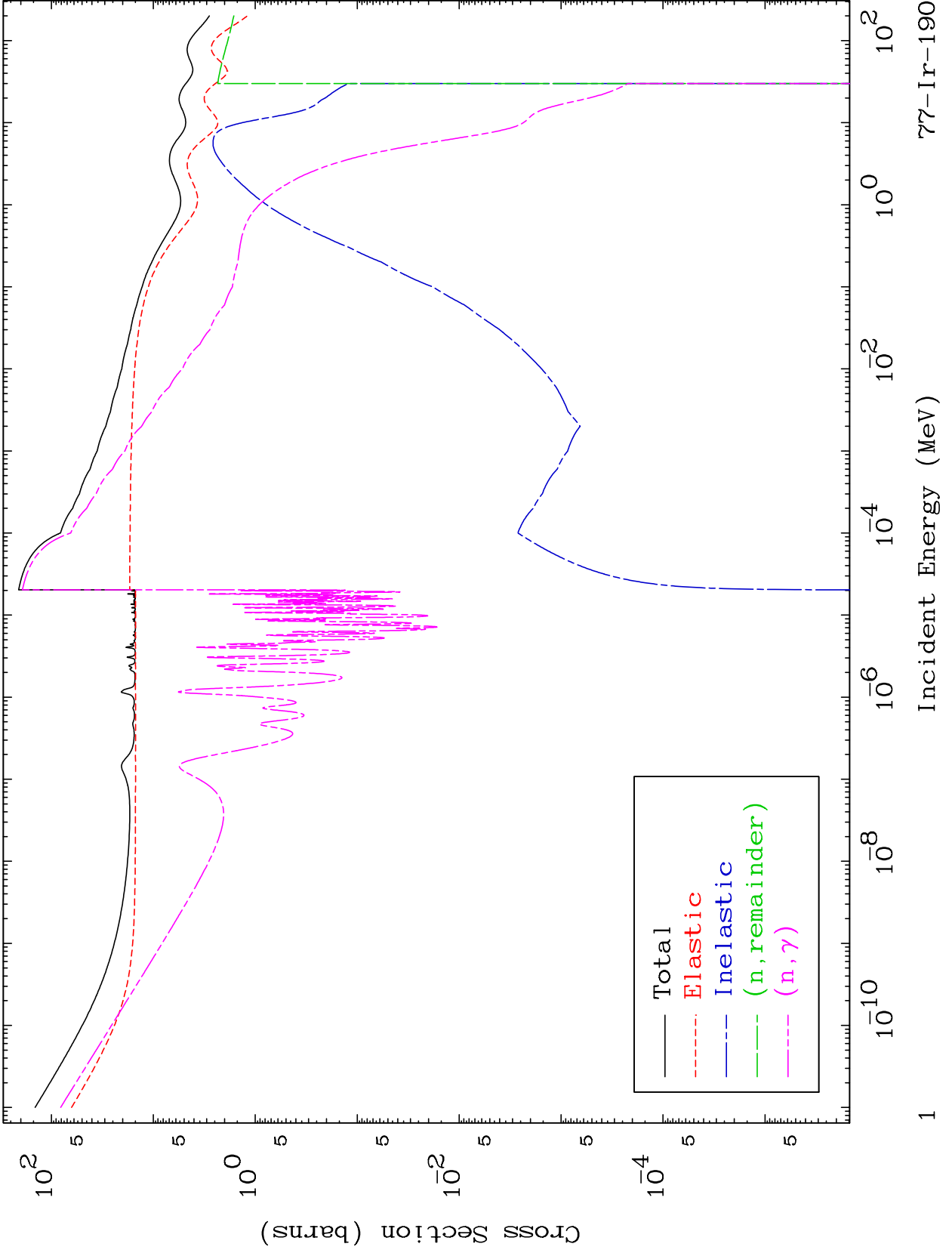
Press Mouse Button to Start

MAT 7724

Major

293 Kelvin Cross Sections

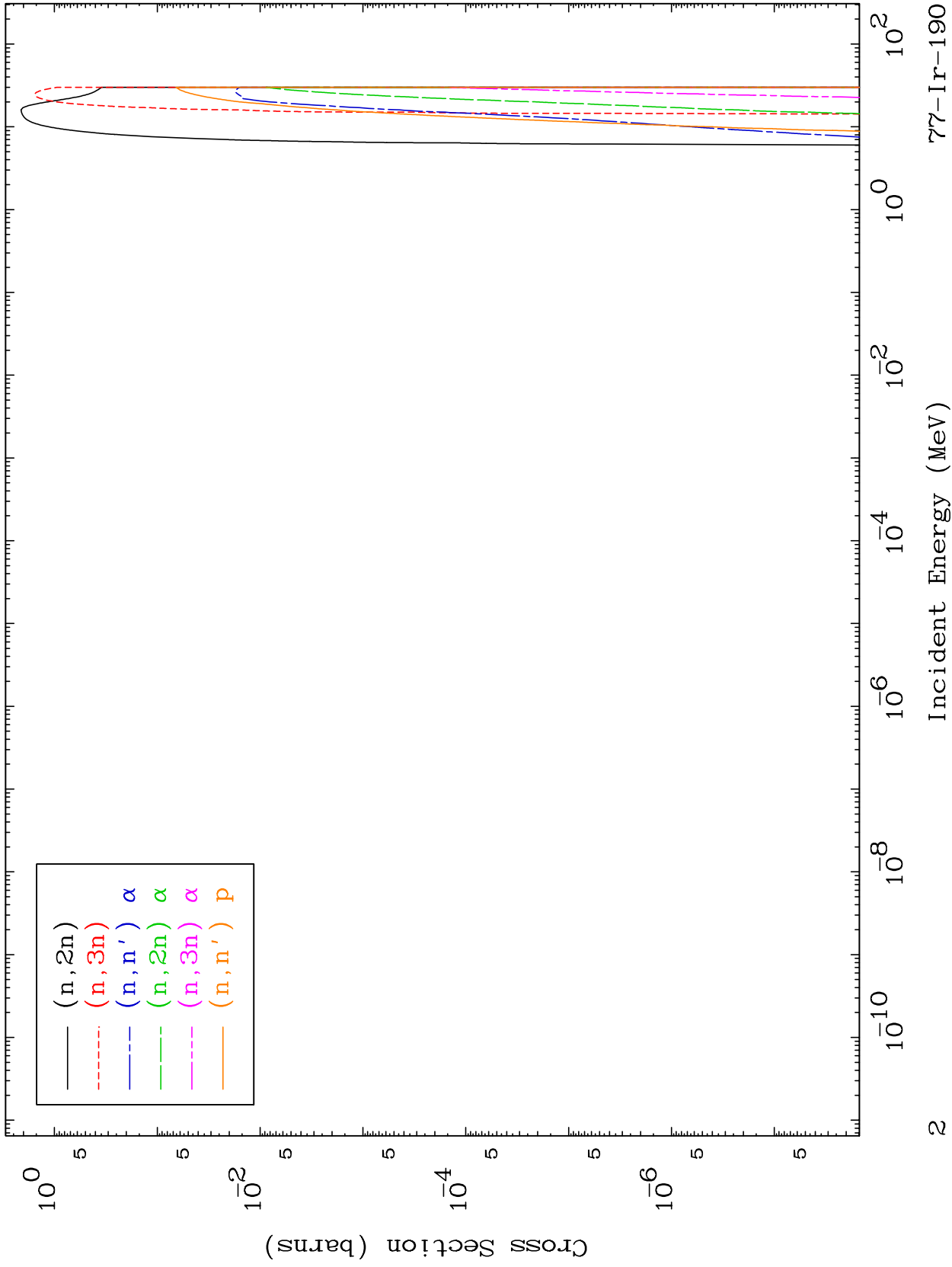
77-Ir-190



MAT 7724

Neutron Production
293 Kelvin Cross Sections

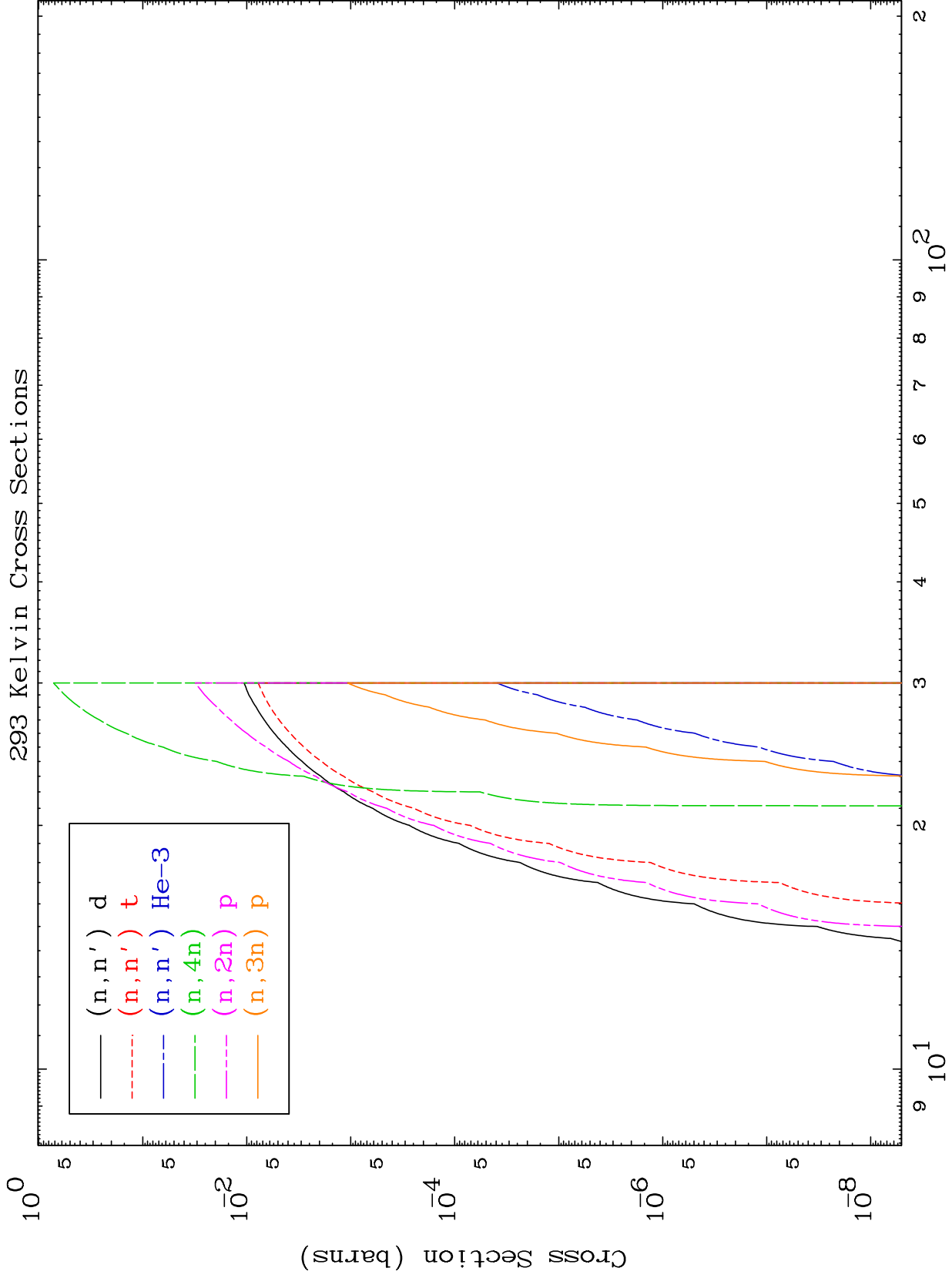
77-Ir-190



MAT 7724

Neutron Production
293 Kelvin Cross Sections

77-Ir-190



Incident Energy (MeV)

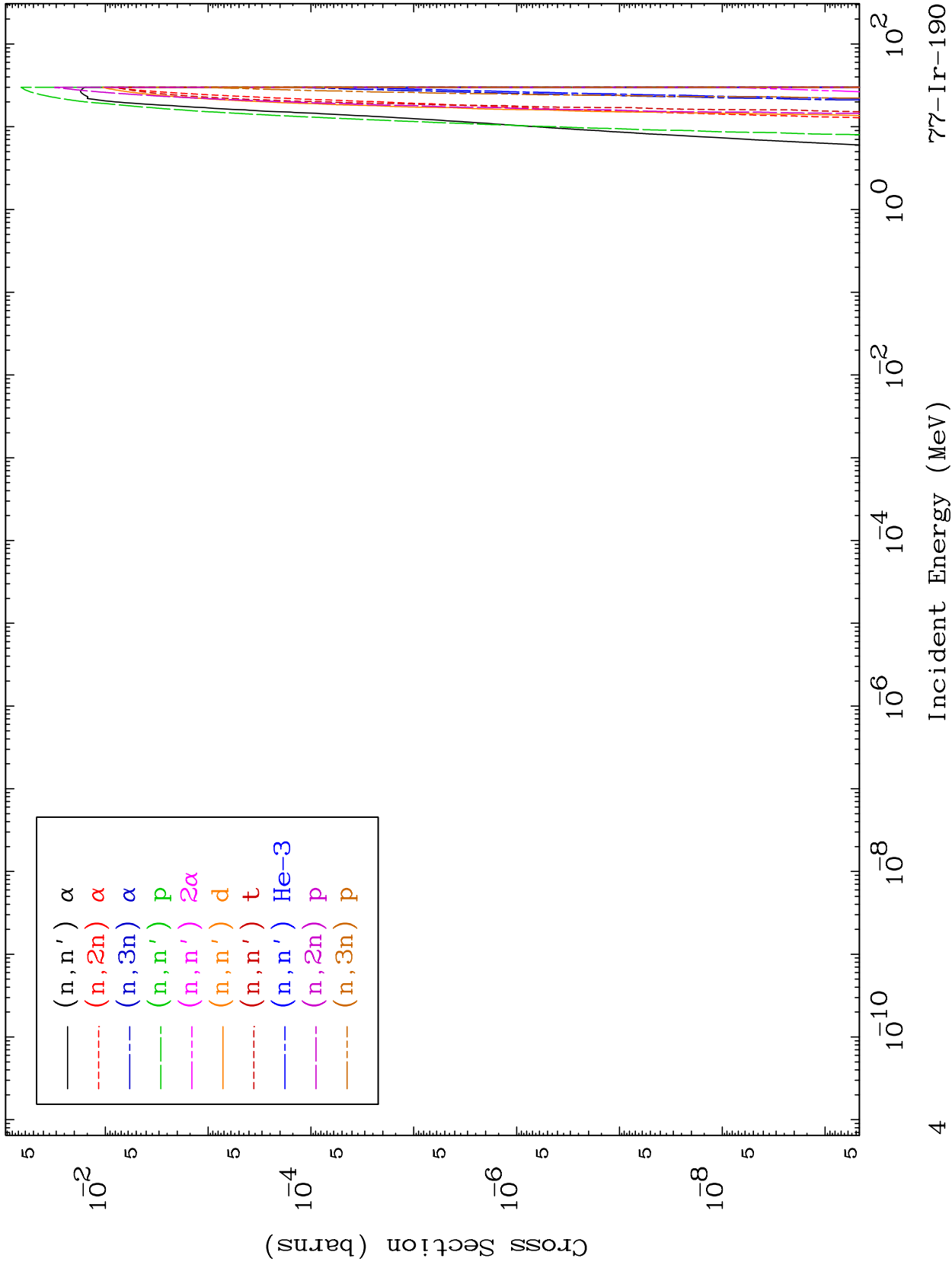
77-Ir-190

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MAT 7724

Charged Particle
293 Kelvin Cross Sections

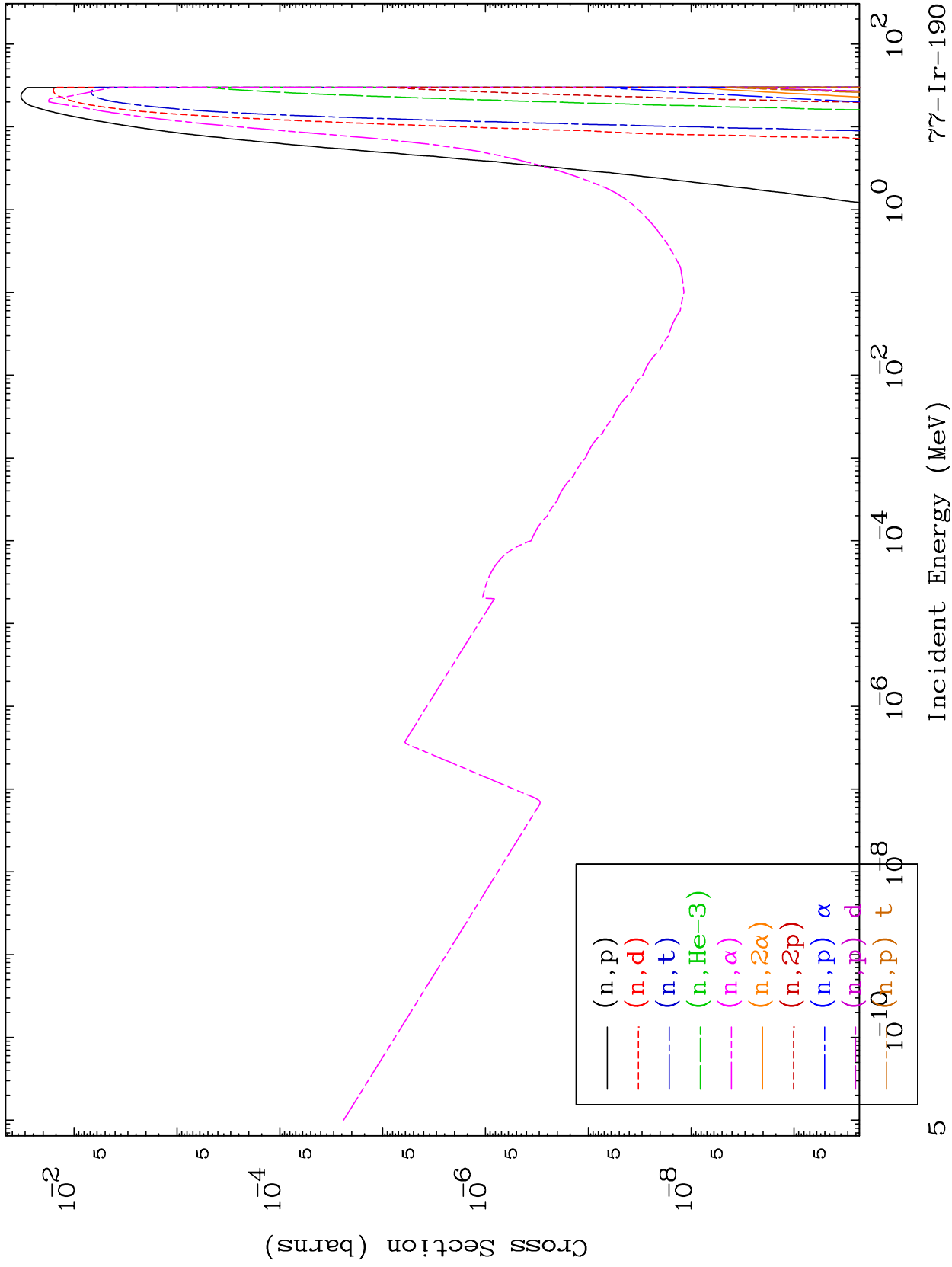
77-Ir-190

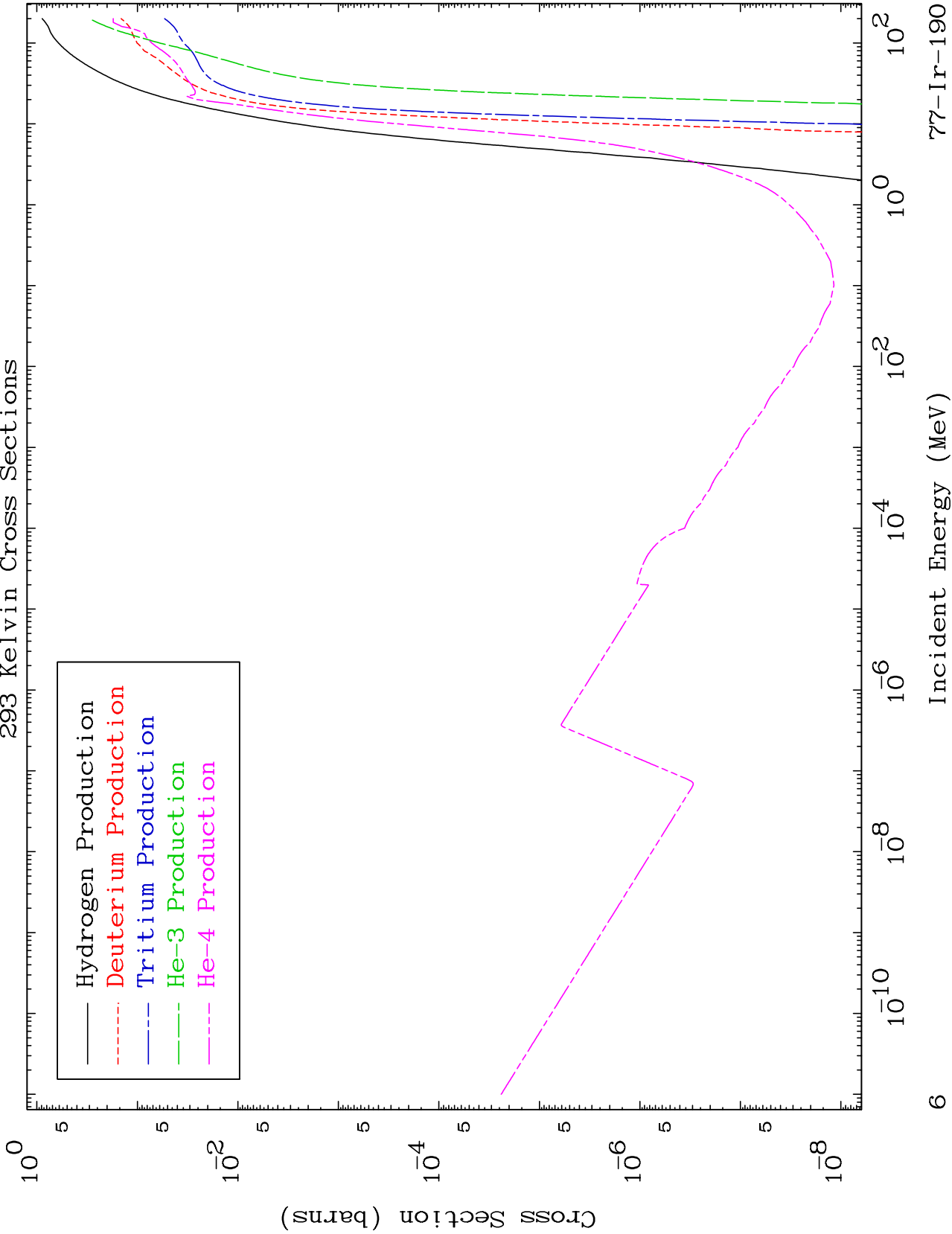


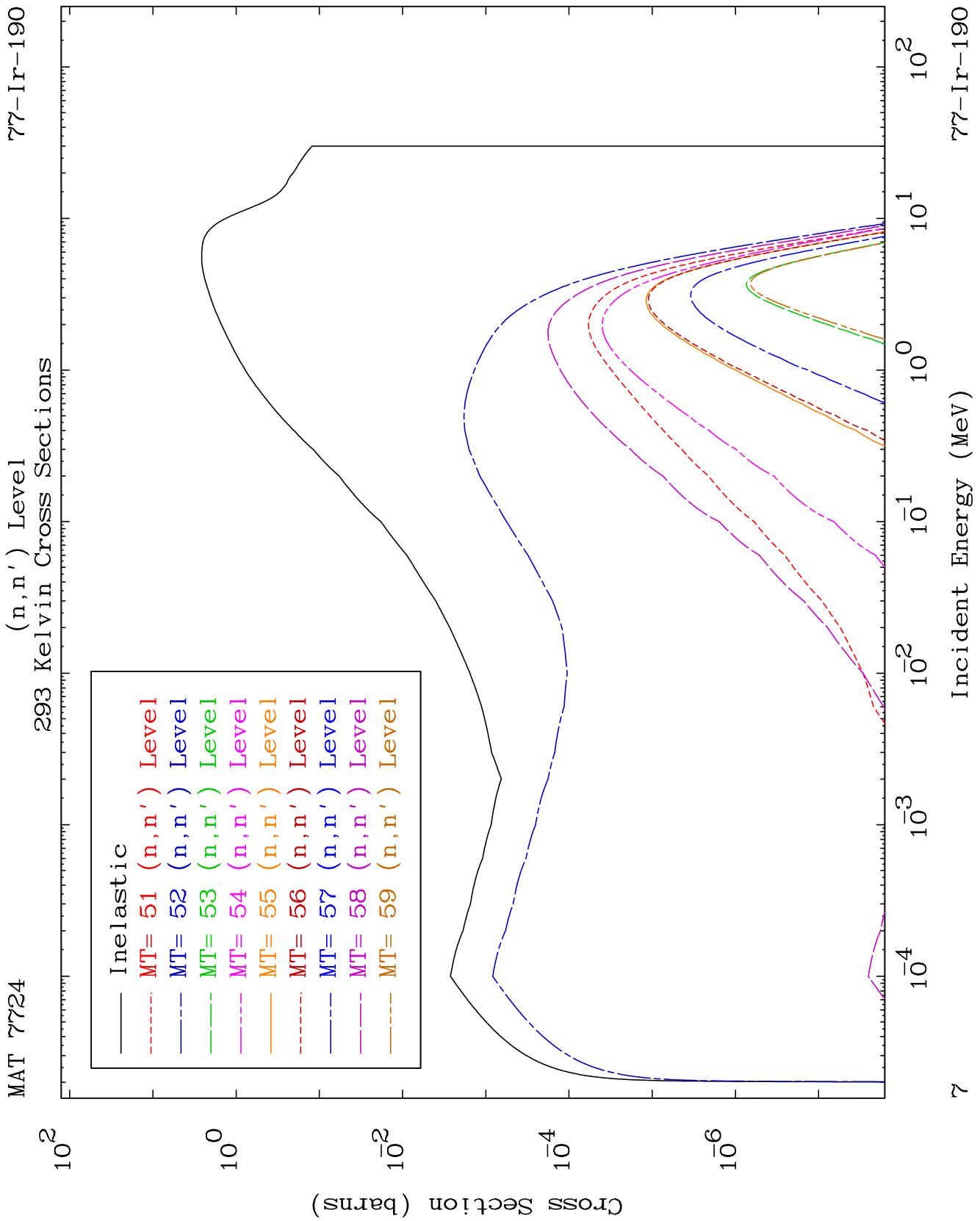
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Charged Particle
293 Kelvin Cross Sections

77-Ir-190





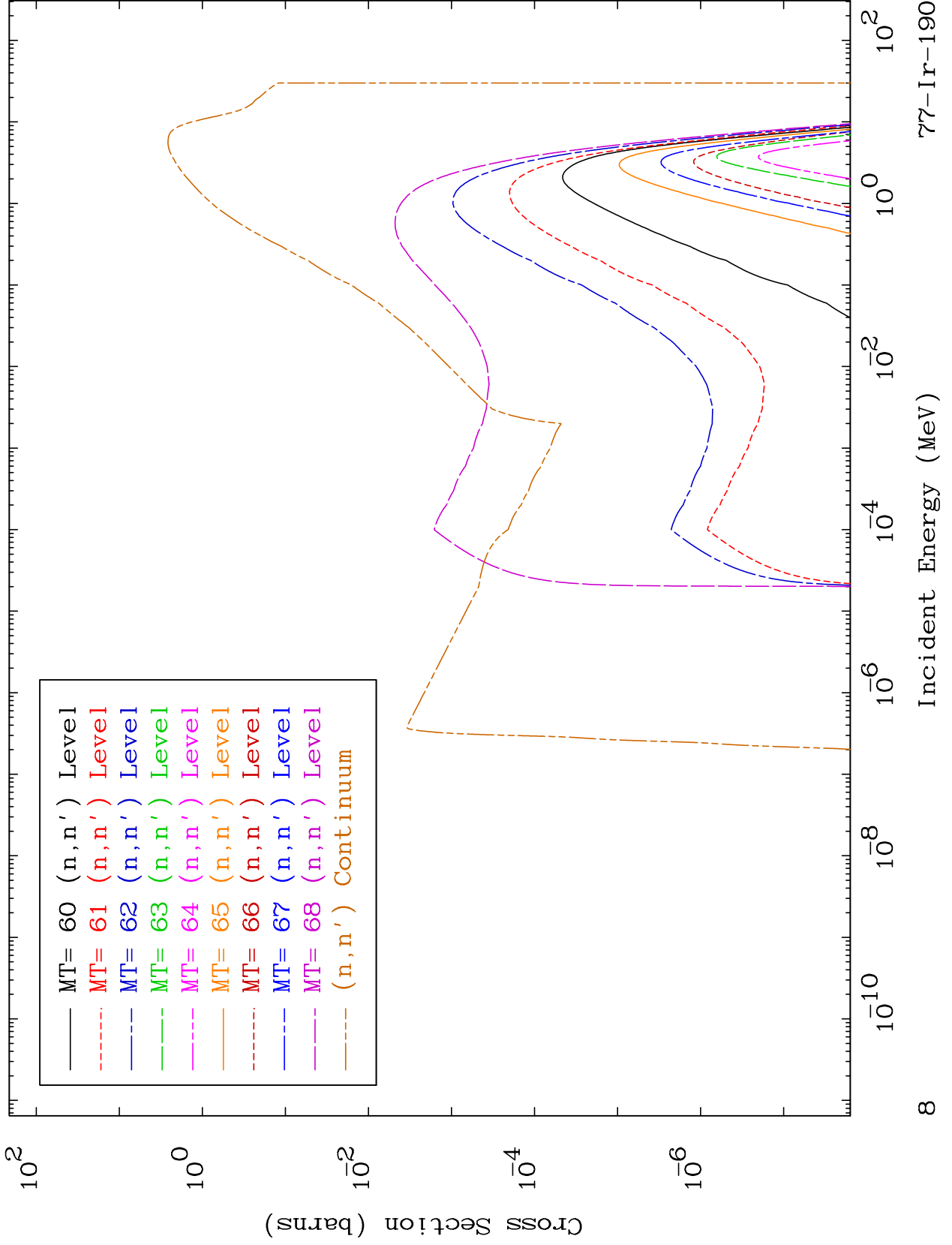


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(n,n') Level

77-Ir-190

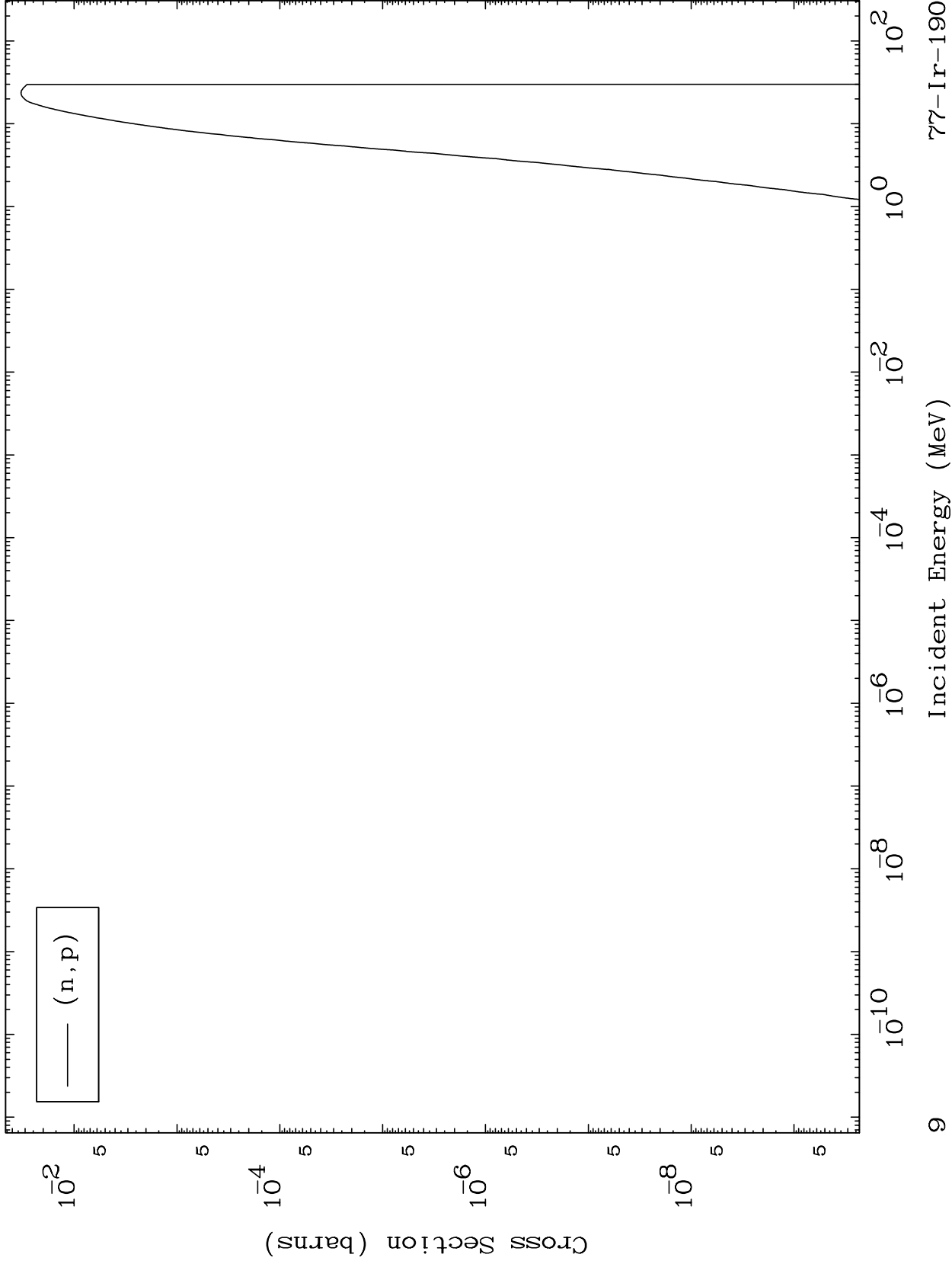
293 Kelvin Cross Sections



MAT 7724

(n,p) Levels
293 Kelvin Cross Sections

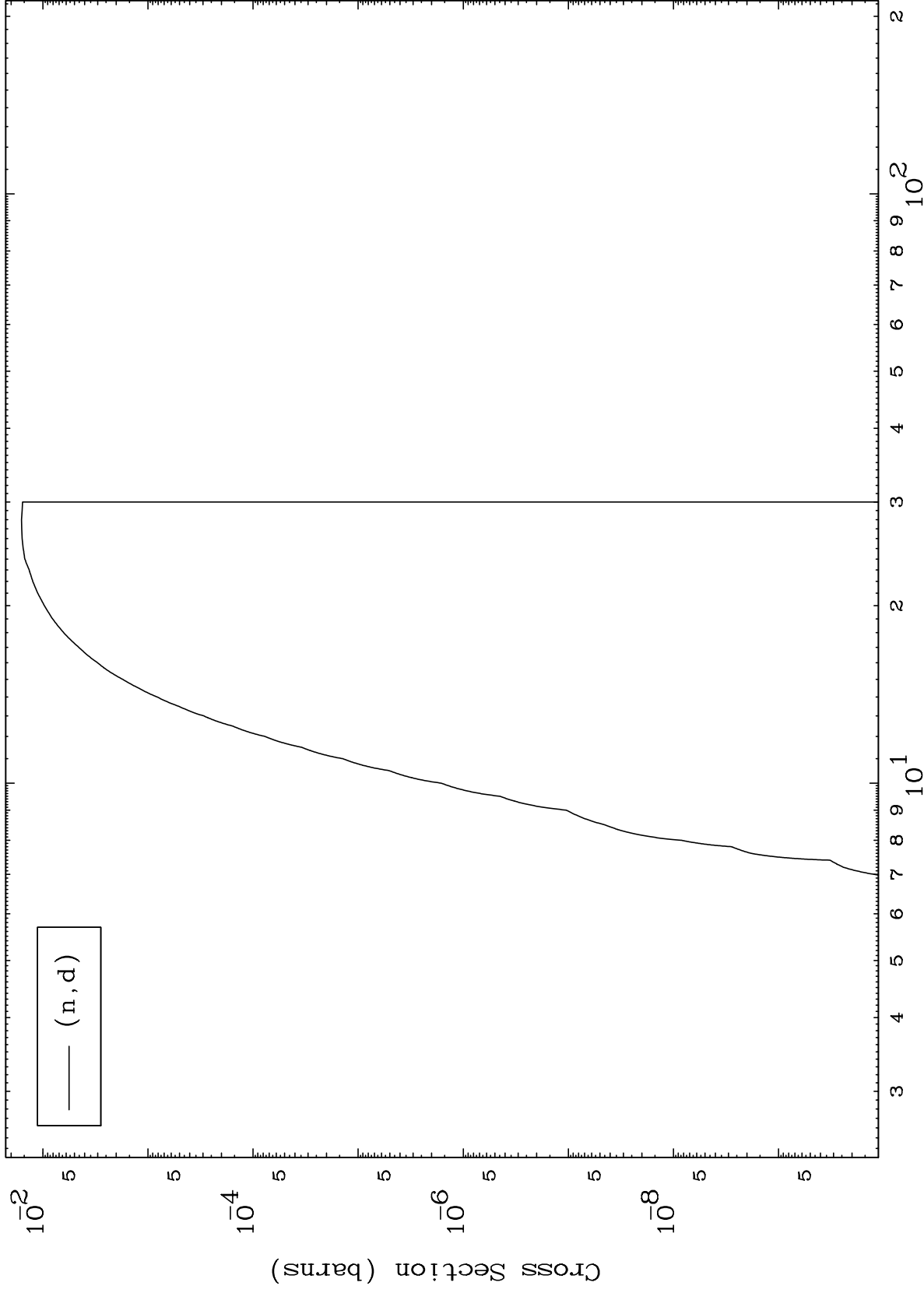
77-Ir-190



MAT 7724

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-190



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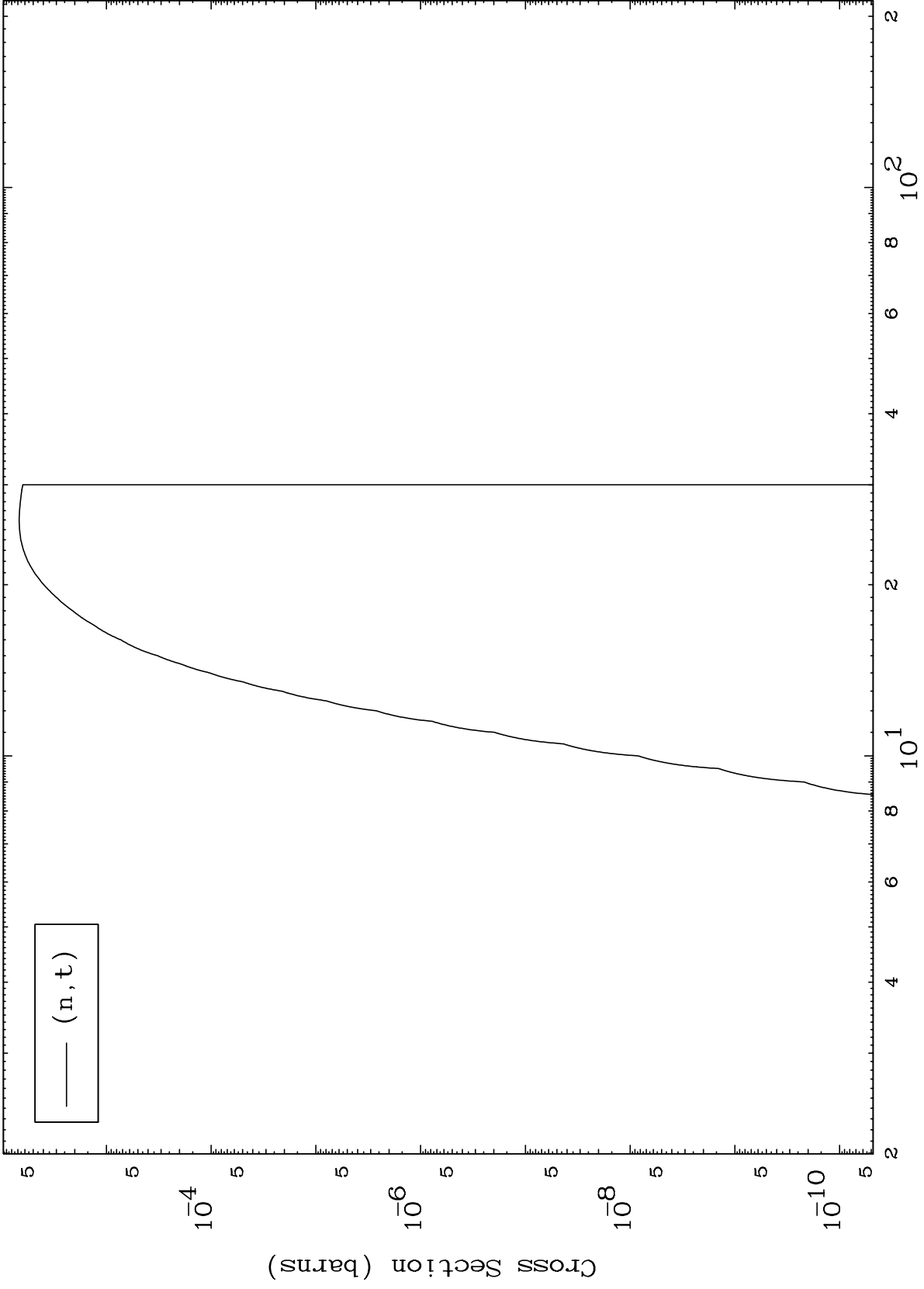
Incident Energy (MeV)

77-Ir-190

MAT 7724

(n,t) Levels
293 Kelvin Cross Sections

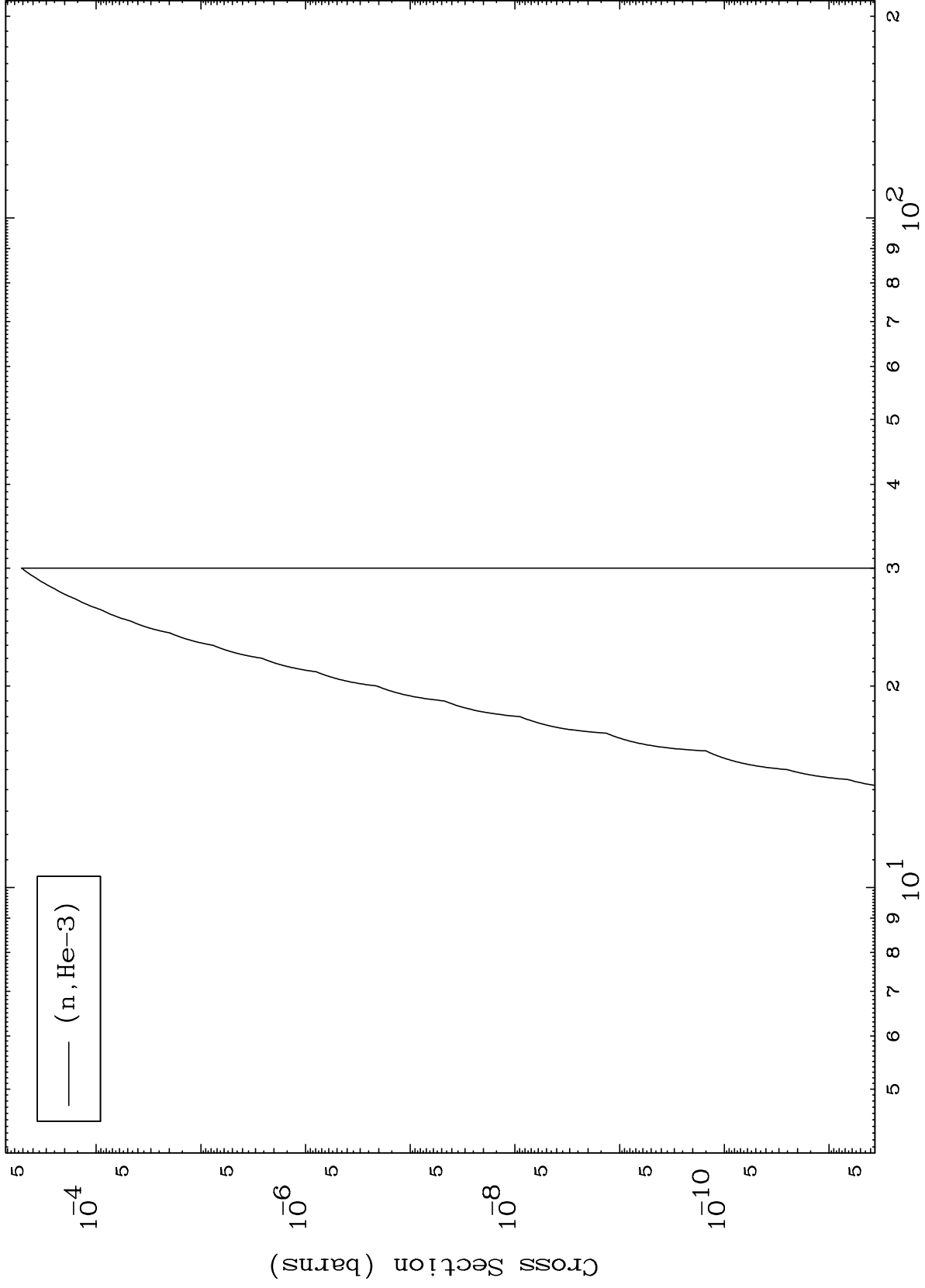
77-Ir-190



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(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-190



12

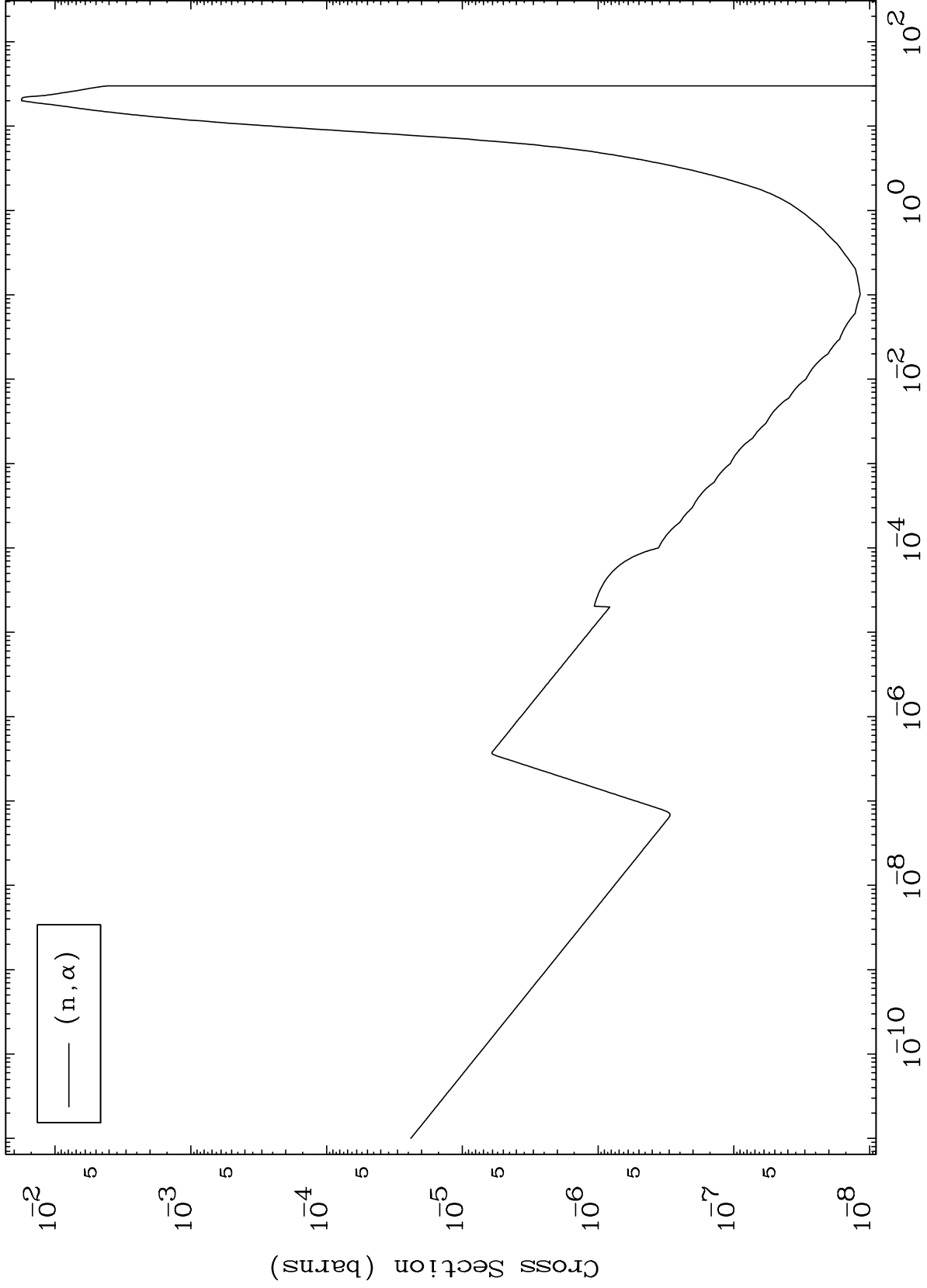
Incident Energy (MeV)

77-Ir-190

MAT 7724

(n, α) Levels
293 Kelvin Cross Sections

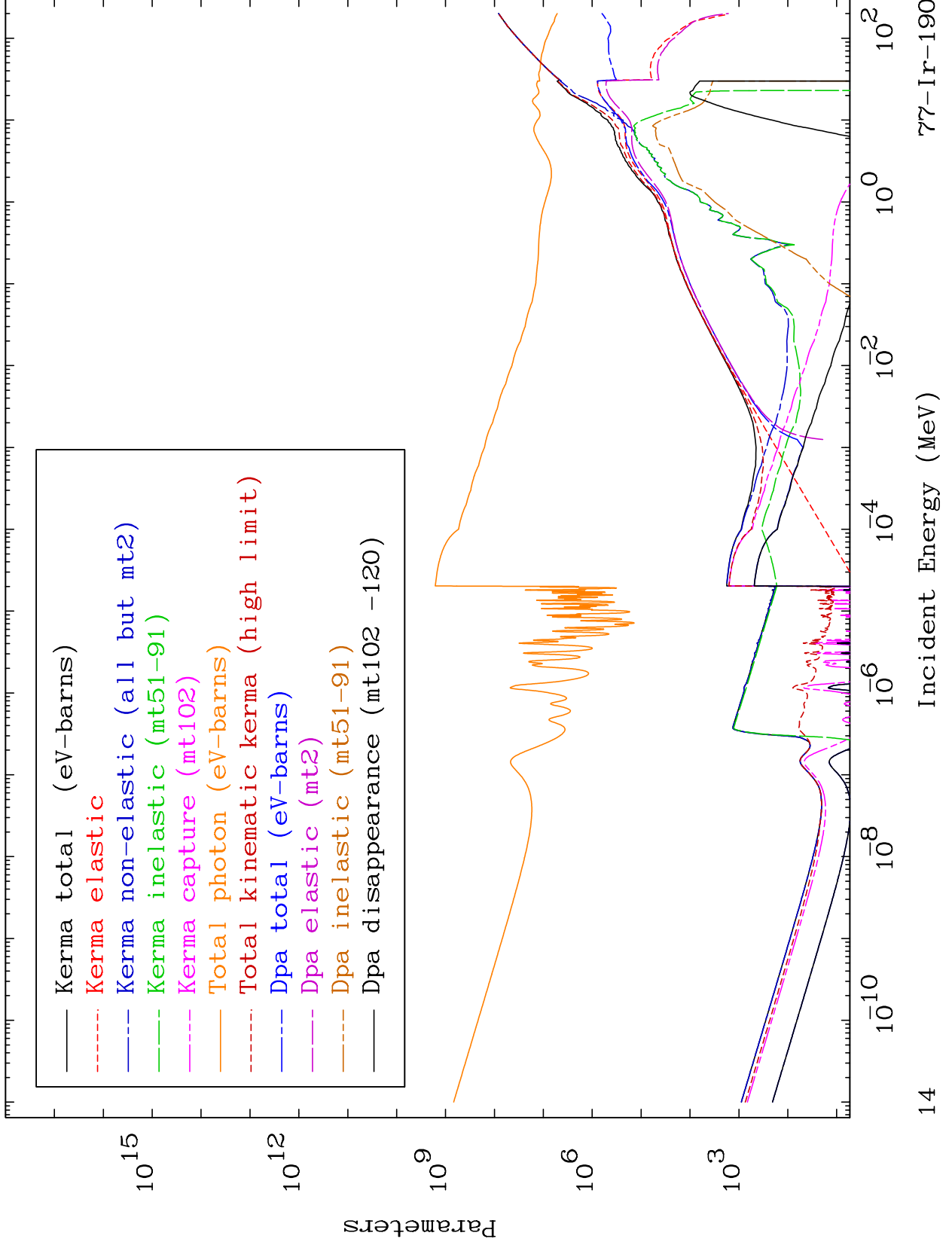
77-Ir-190

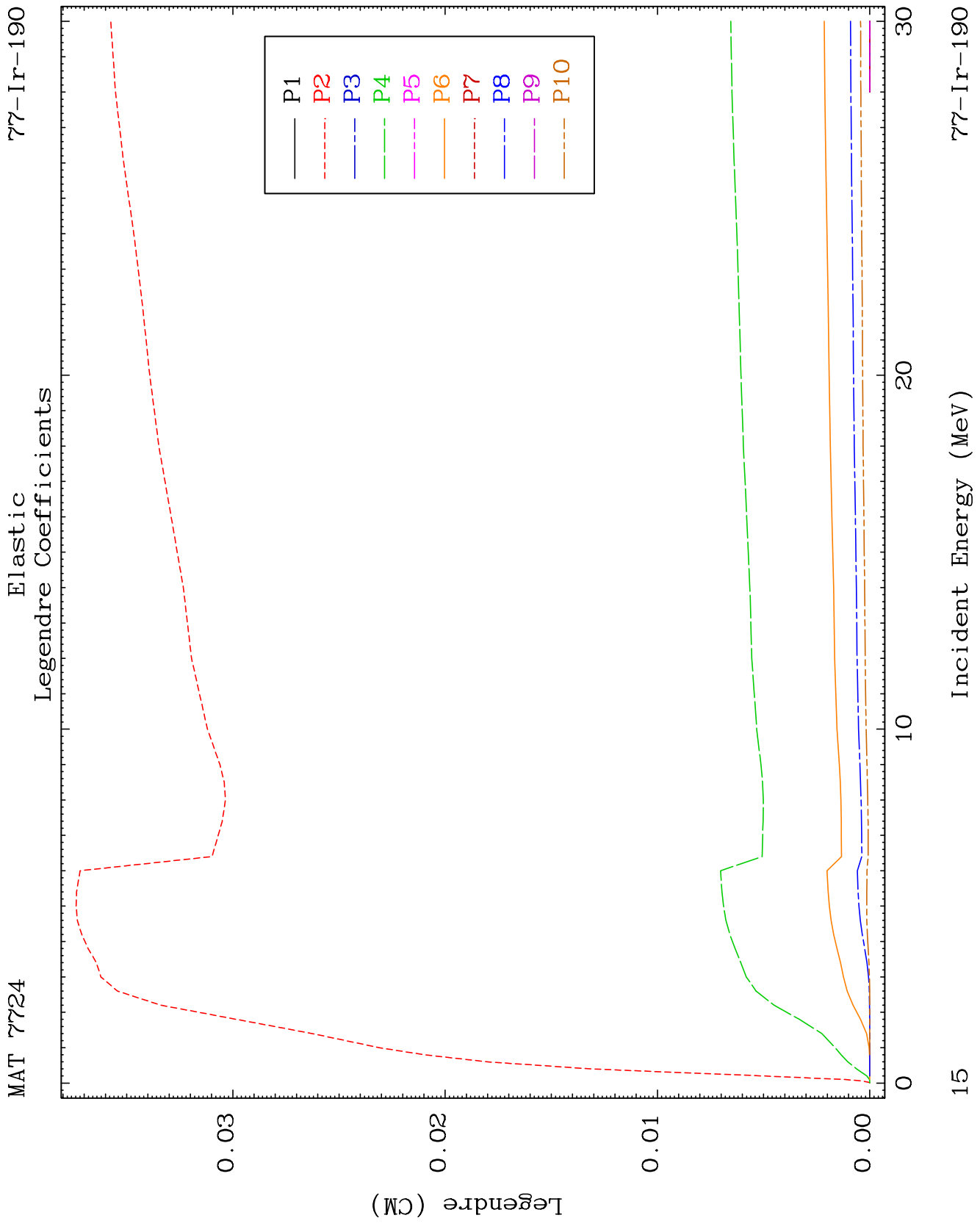


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Incident Energy (MeV)

77-Ir-190

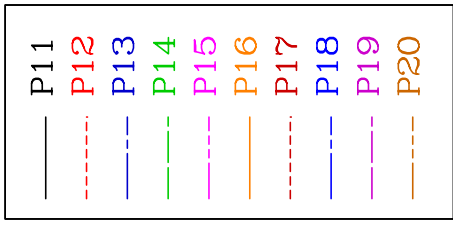
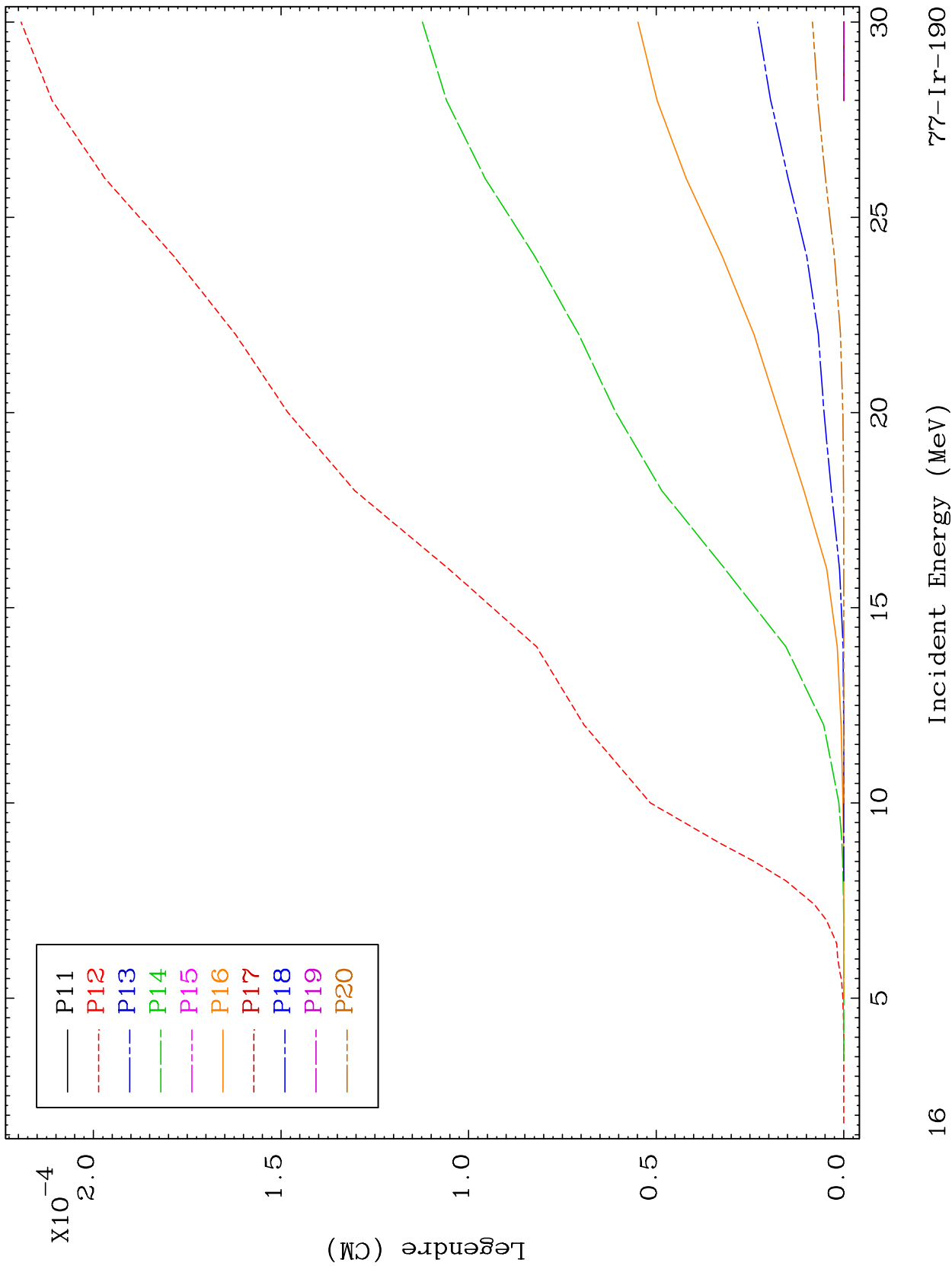




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Elastic Legendre Coefficients

77-Ir-190

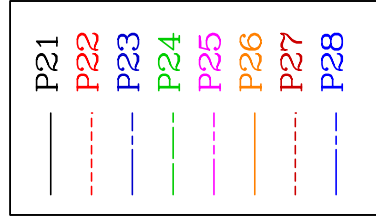


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Elastic
Legendre Coefficients

77-Ir-190



$\times 10^{-6}$
Legendre (CM)
1.0
0.8
0.6
0.4
0.2
0.0



17

Incident Energy (MeV)

77-Ir-190

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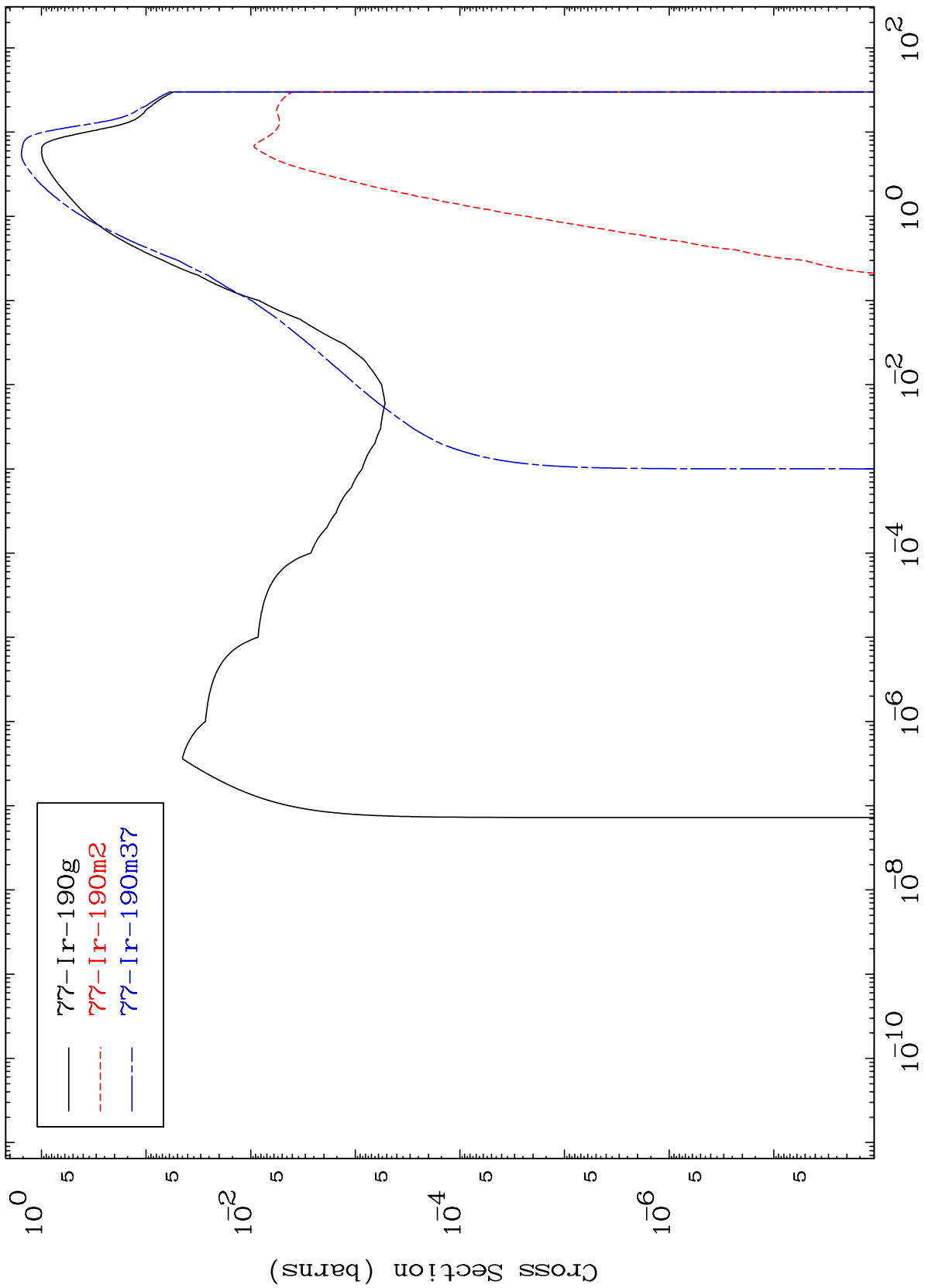
⁷⁷Ir-190

Radionuclide Production Cross Section

Inelastic

⁷⁷Ir-190

Incident Energy (MeV)

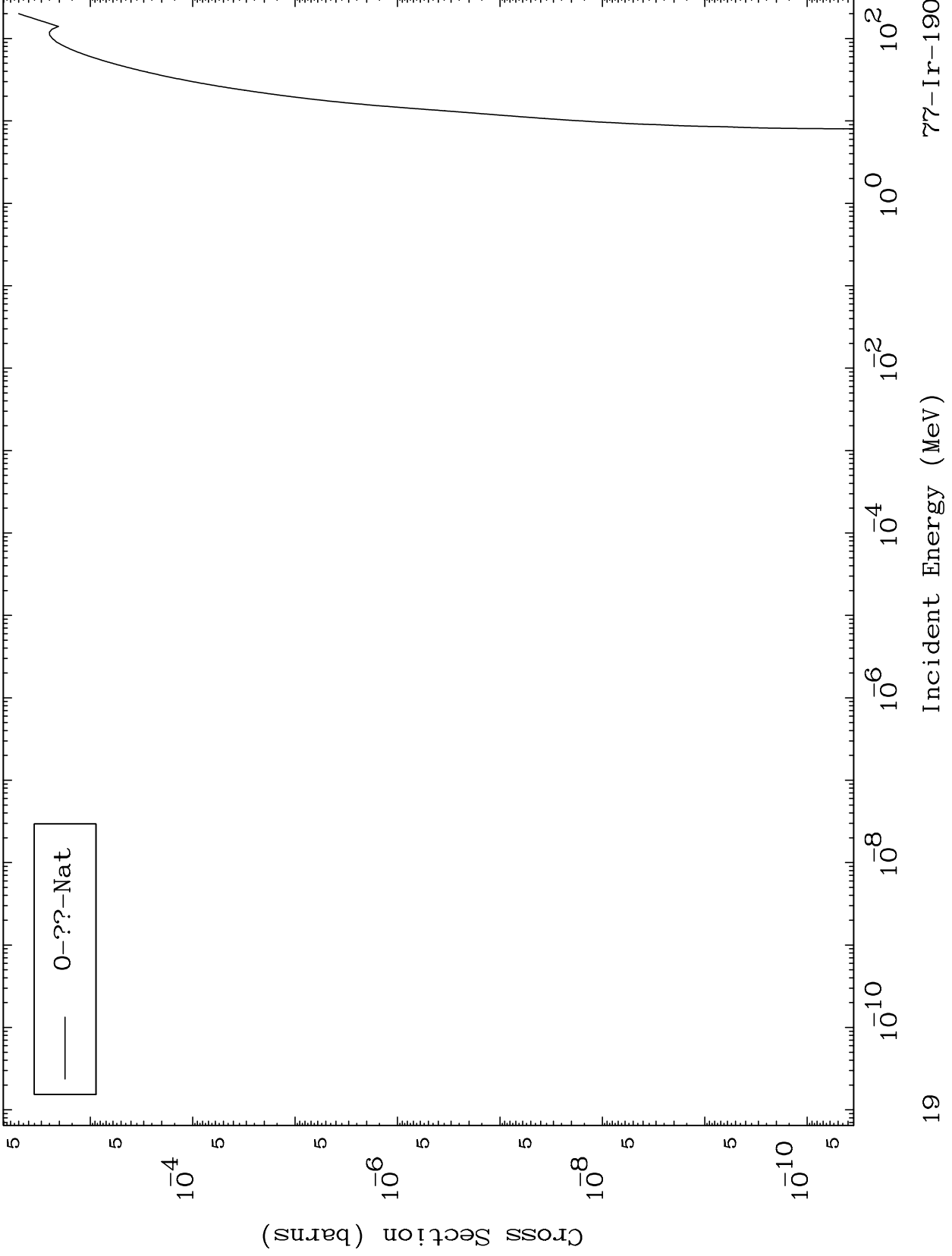


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Fission

⁷⁷Ir-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

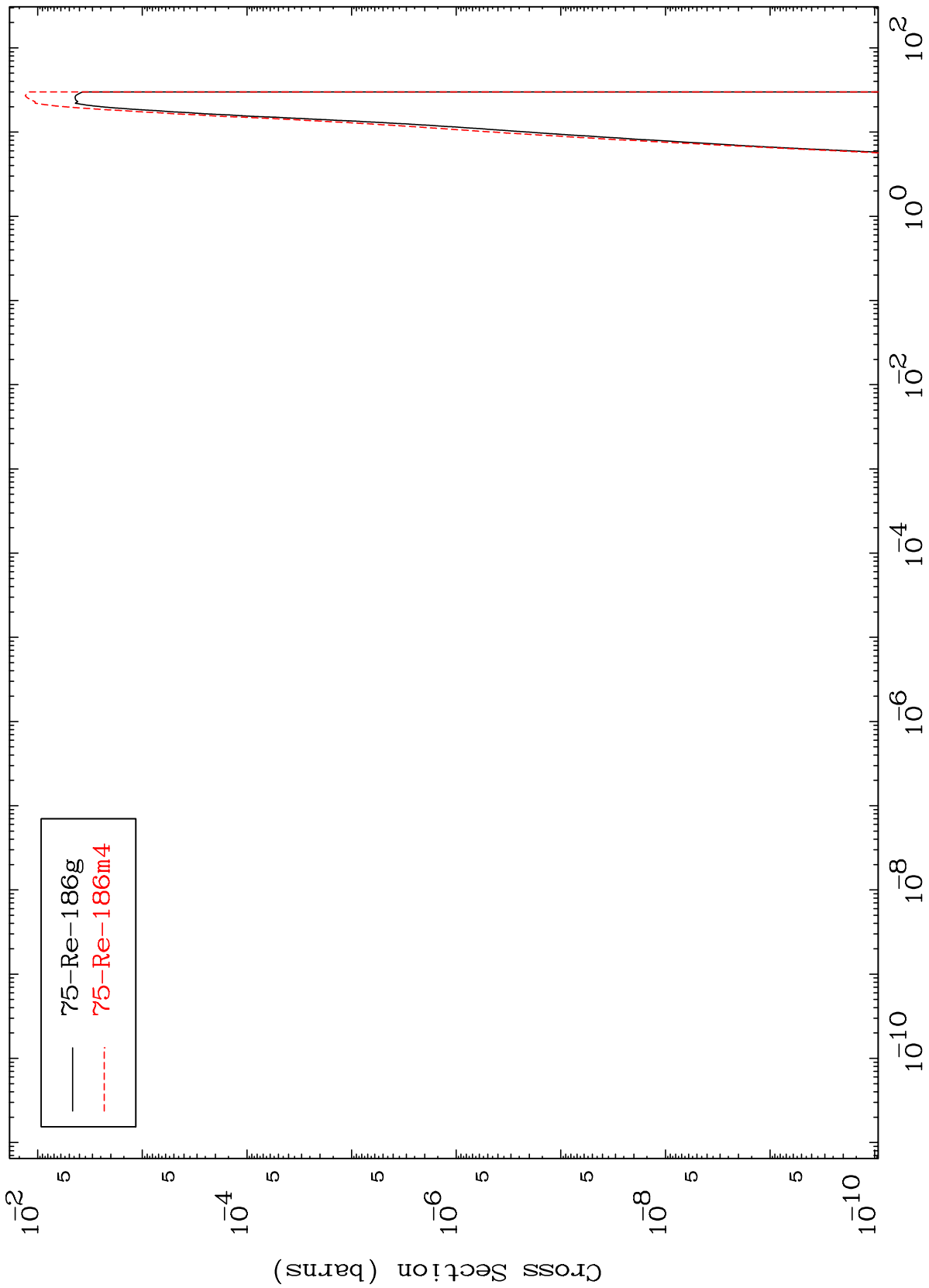
⁷⁷Ir-190

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$(n, n') \alpha$

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

Radionuclide Production Cross Section

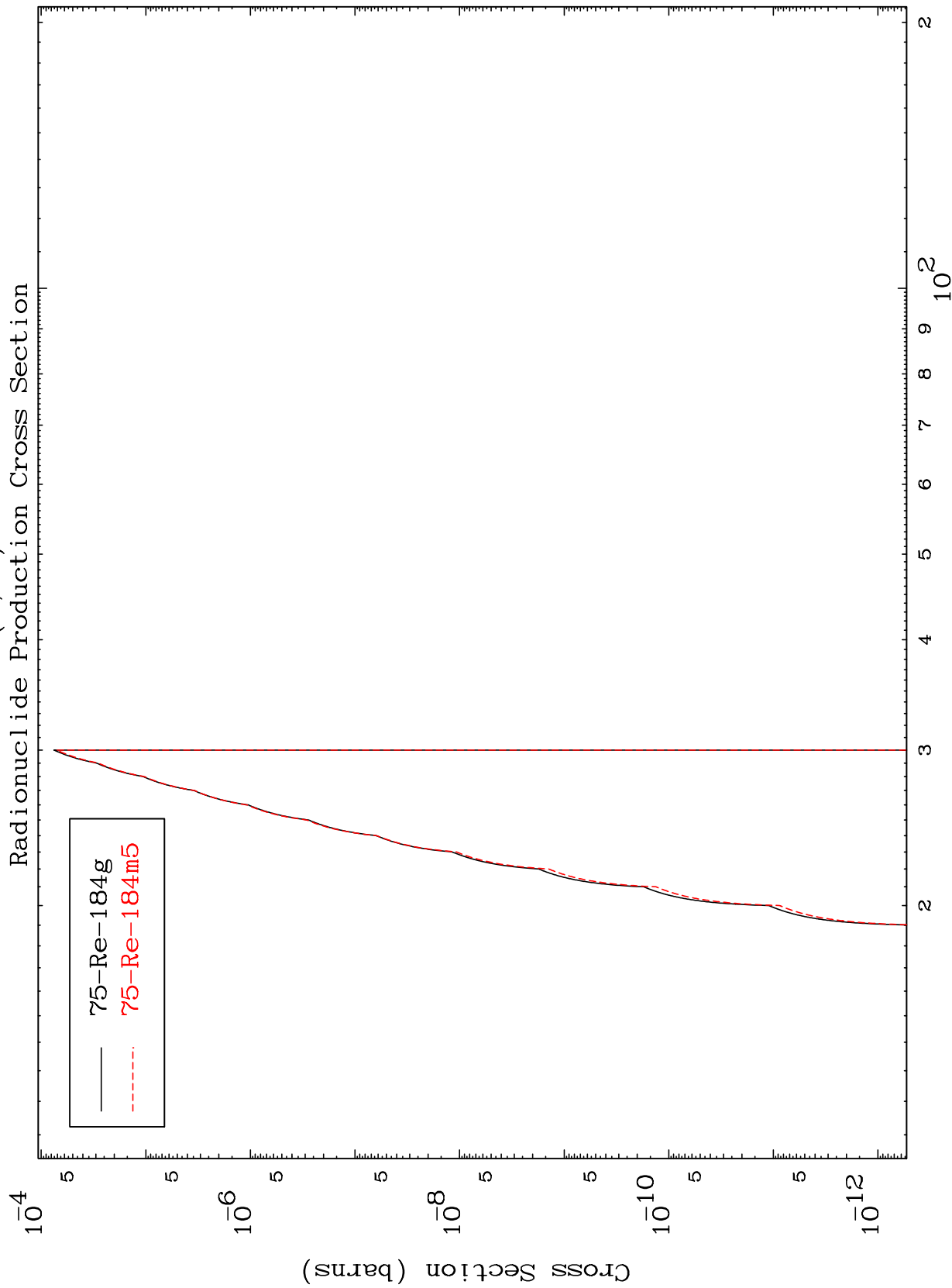


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⁷⁷Ir-190

(n,3n) α

Radionuclide Production Cross Section



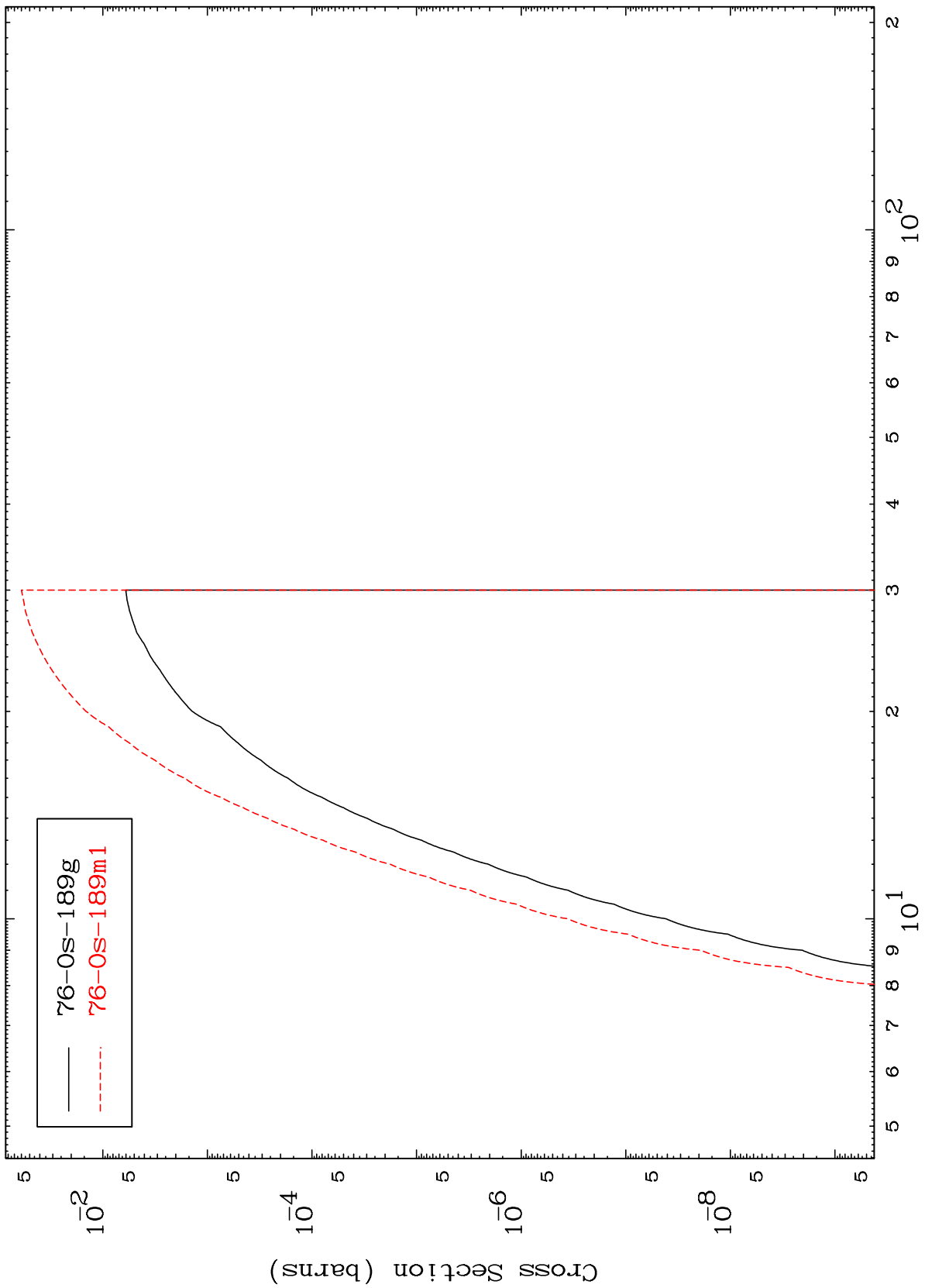
Incident Energy (MeV)

⁷⁷Ir-190

MAT 7724

⁷⁷Ir-190

(n,n') p
Radionuclide Production Cross Section



⁷⁷Ir-190

Incident Energy (MeV)

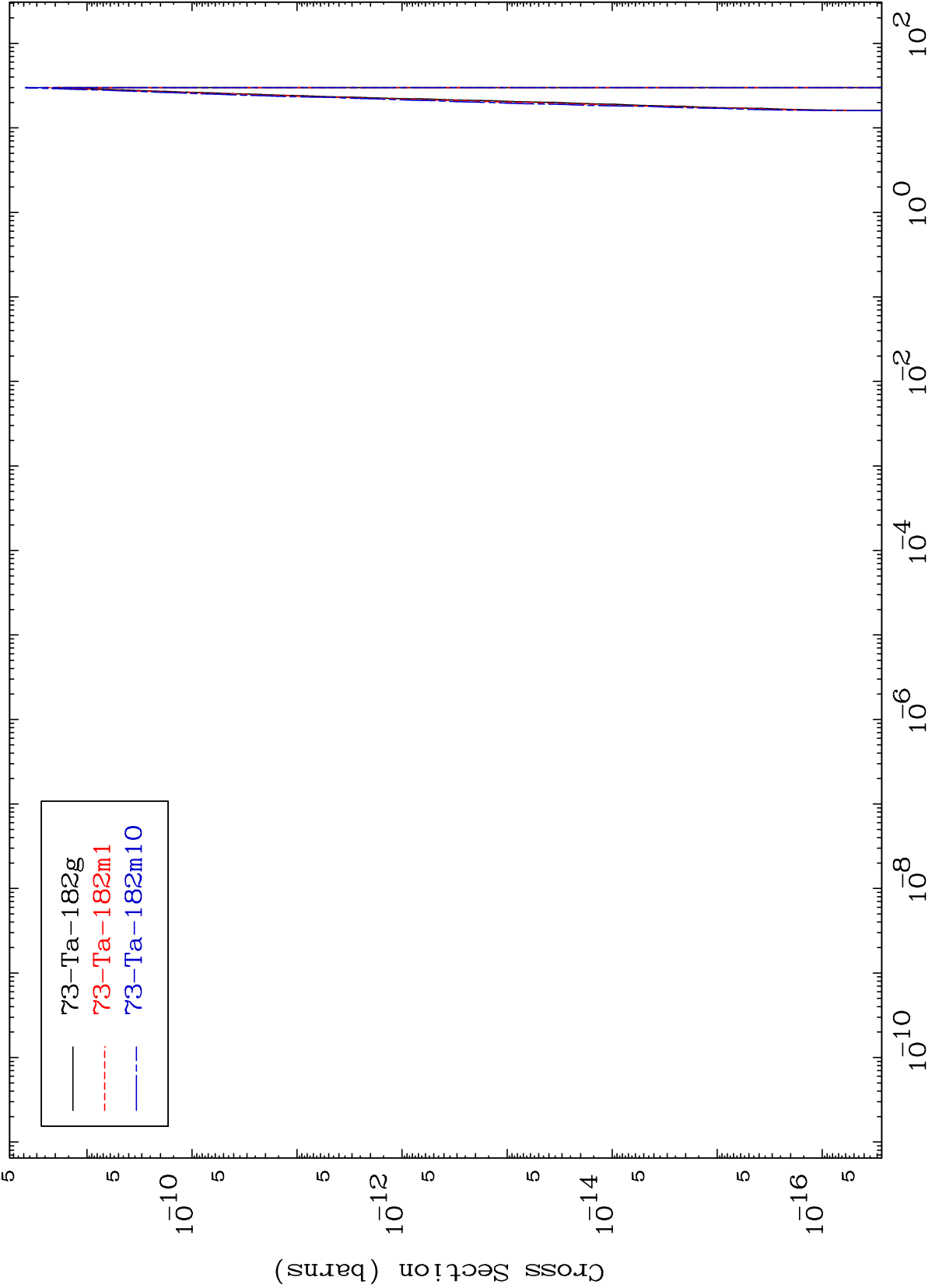
22

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(n,n') 2α

77-Ir-190

Radionuclide Production Cross Section



23

Incident Energy (MeV)

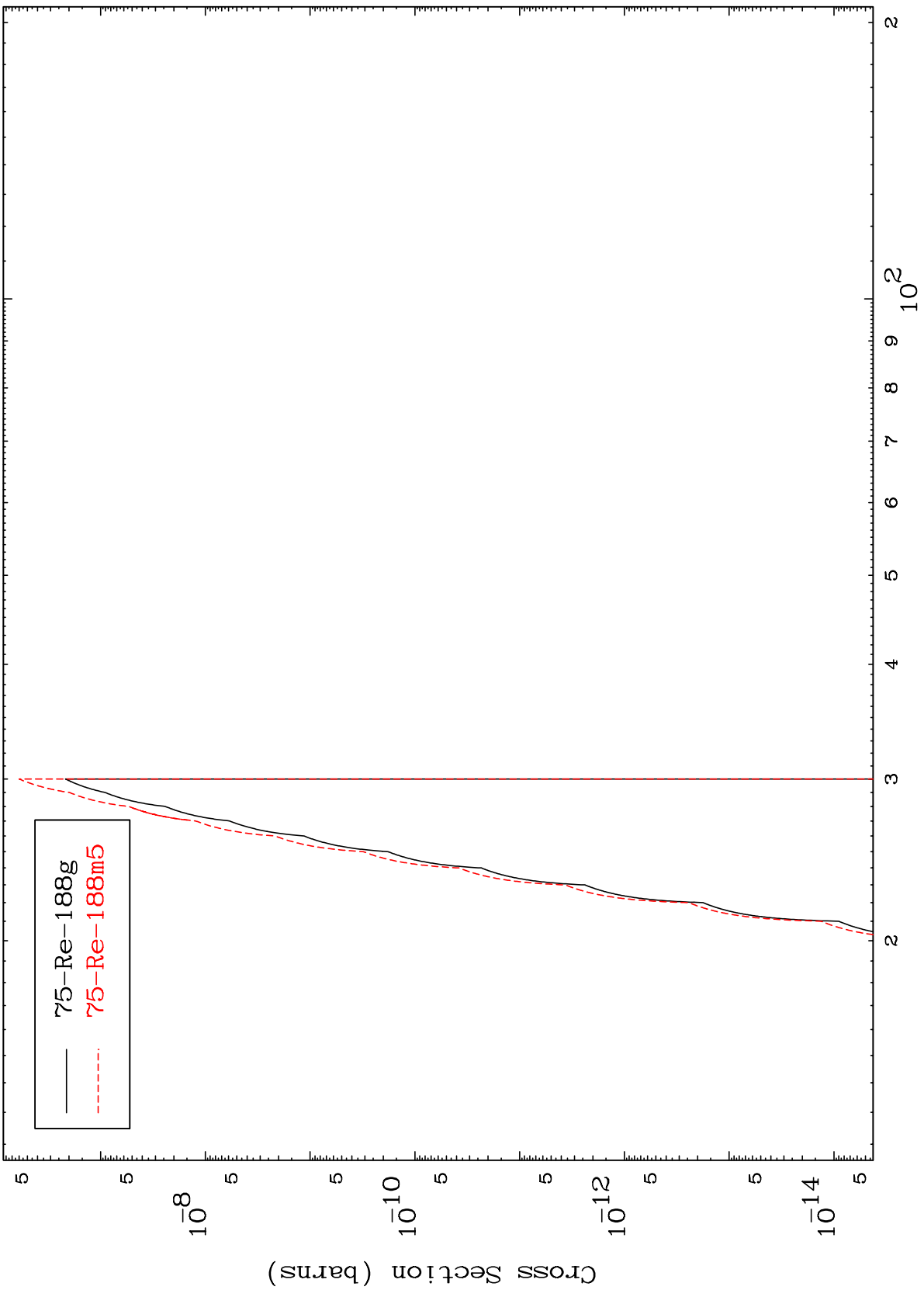
77-Ir-190

MAT 7724

(n,2n) p

⁷⁷Ir-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

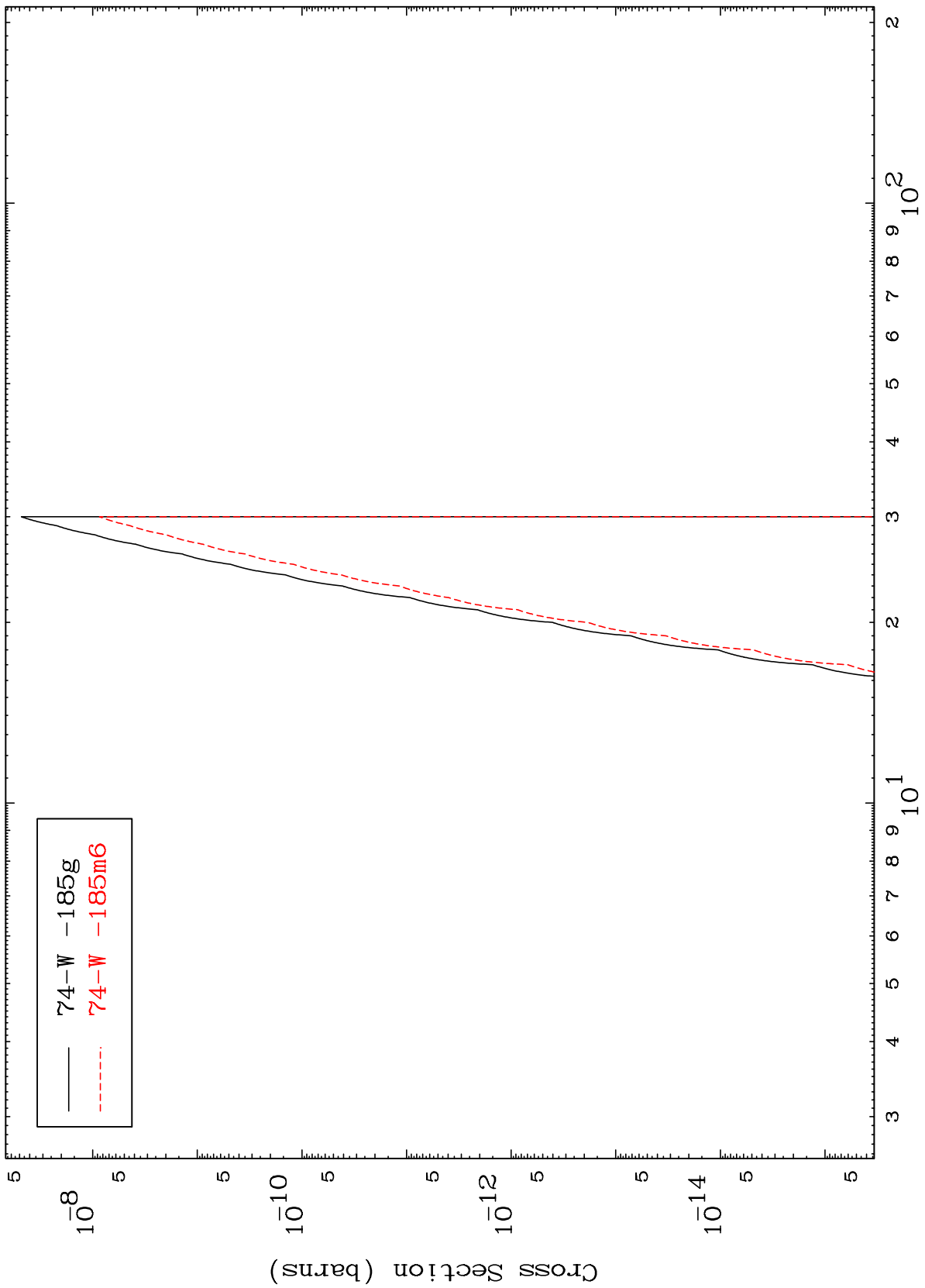
⁷⁷Ir-190

MAT 7724

(n,n') p α

77-Ir-190

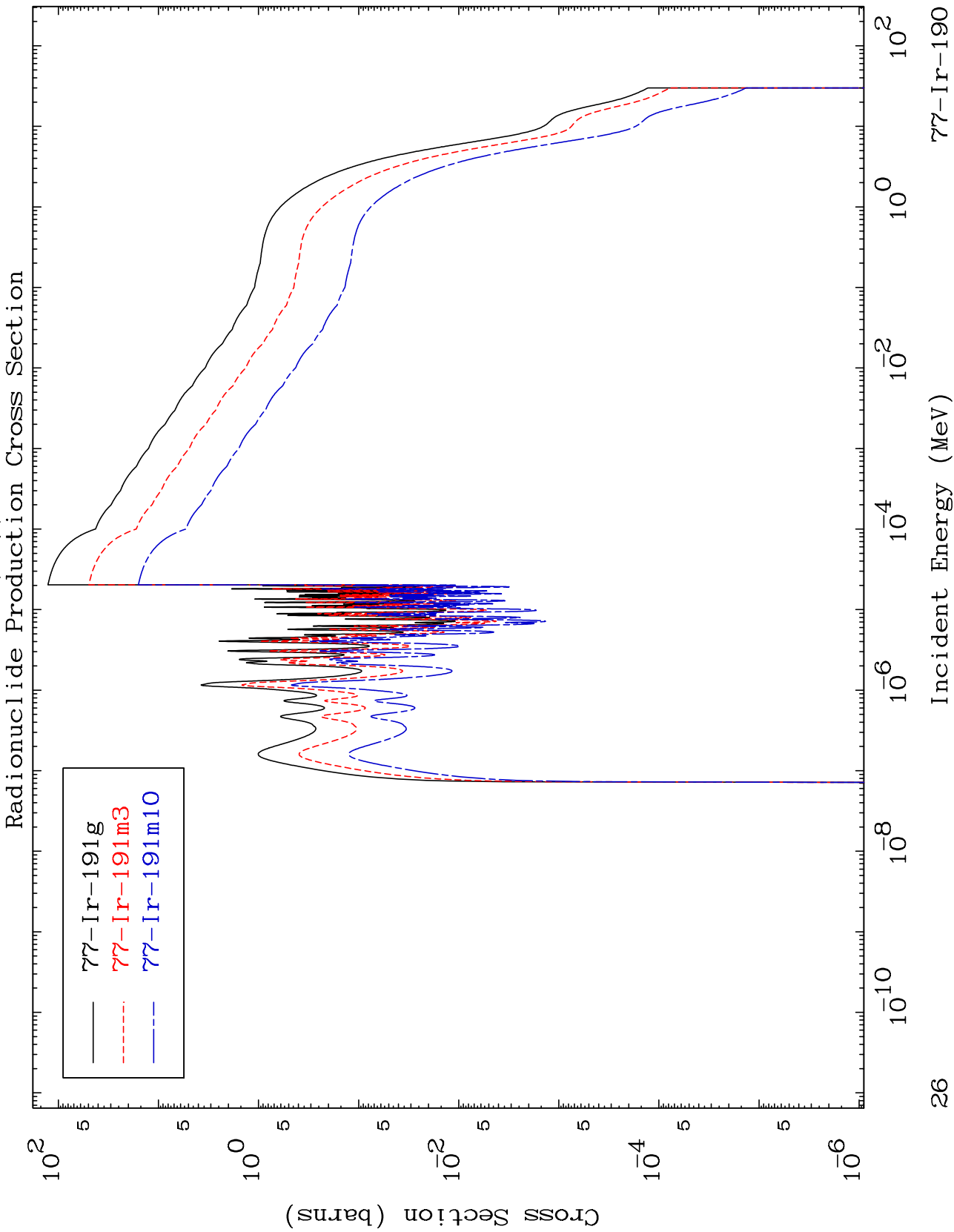
Radionuclide Production Cross Section



74-W - 185g
74-W - 185m6

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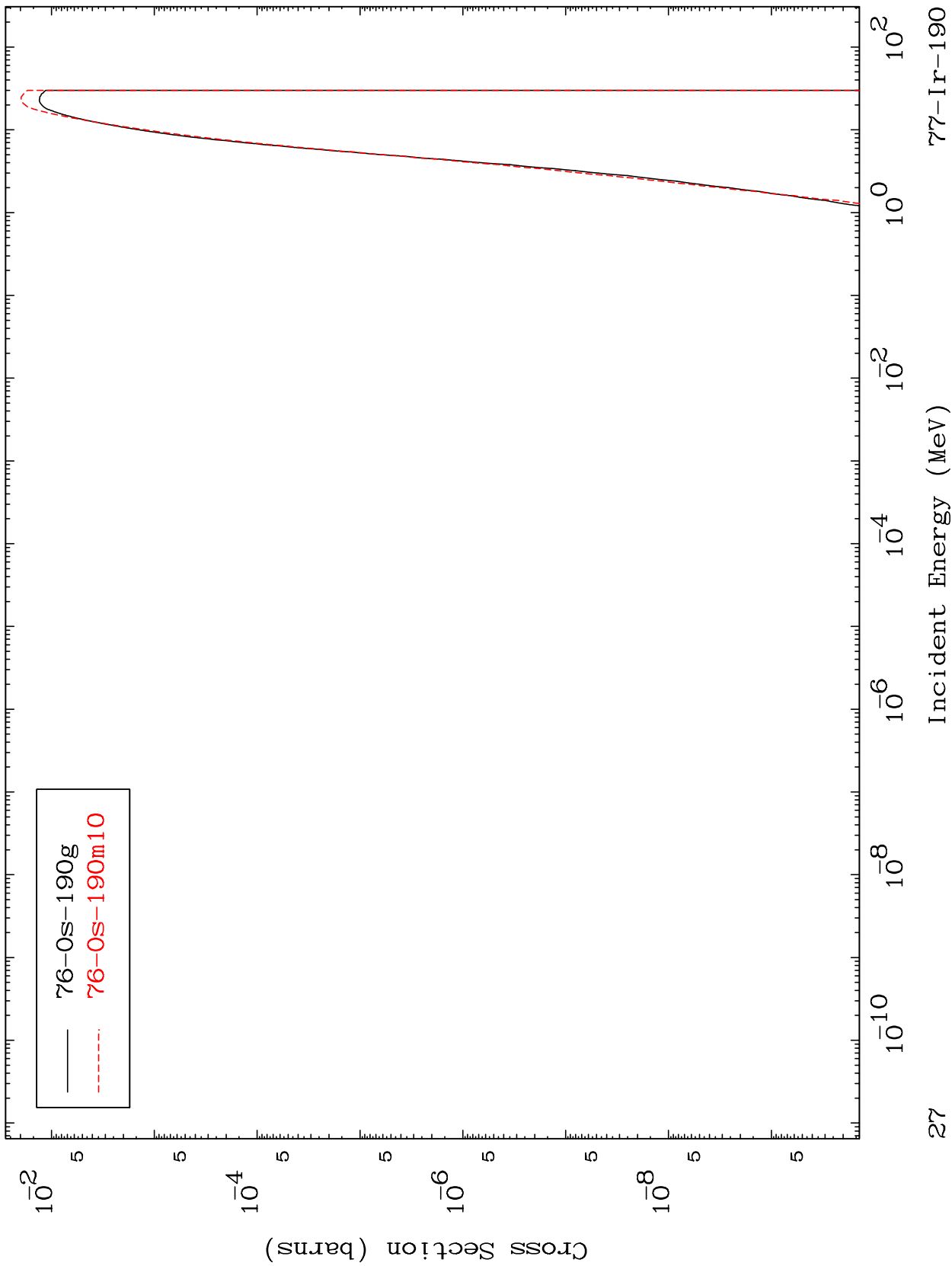
⁷⁷Ir-190



MAT 7724

⁷⁷Ir-190

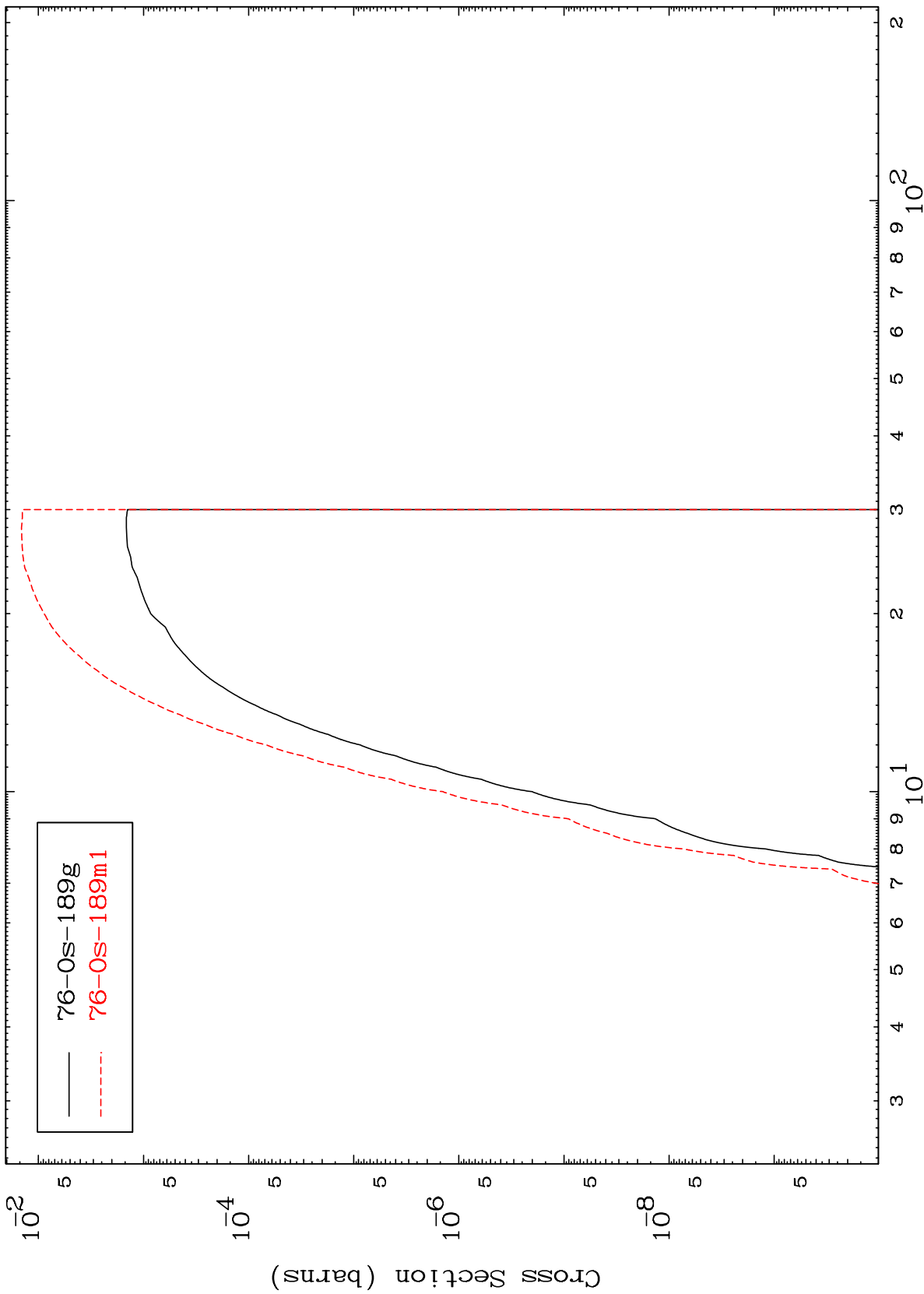
(n,p)
Radionuclide Production Cross Section



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⁷⁷Ir-190

(n,d)
Radionuclide Production Cross Section



— 76-Os-189g
- - - 76-Os-189m1

⁷⁷Ir-190

Incident Energy (MeV)

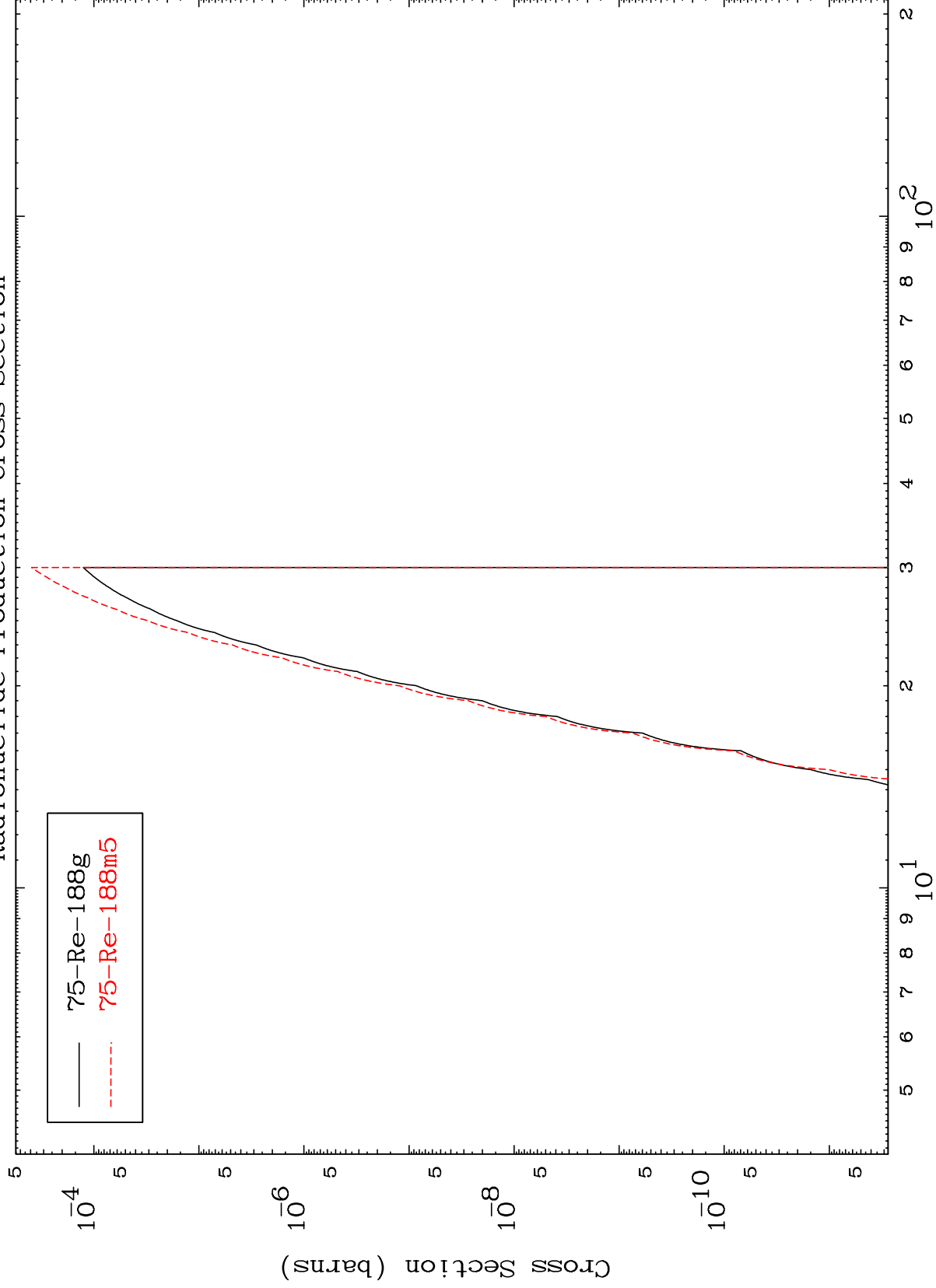
28

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(n,He-3)

⁷⁷Ir-190

Radionuclide Production Cross Section



29

Incident Energy (MeV)

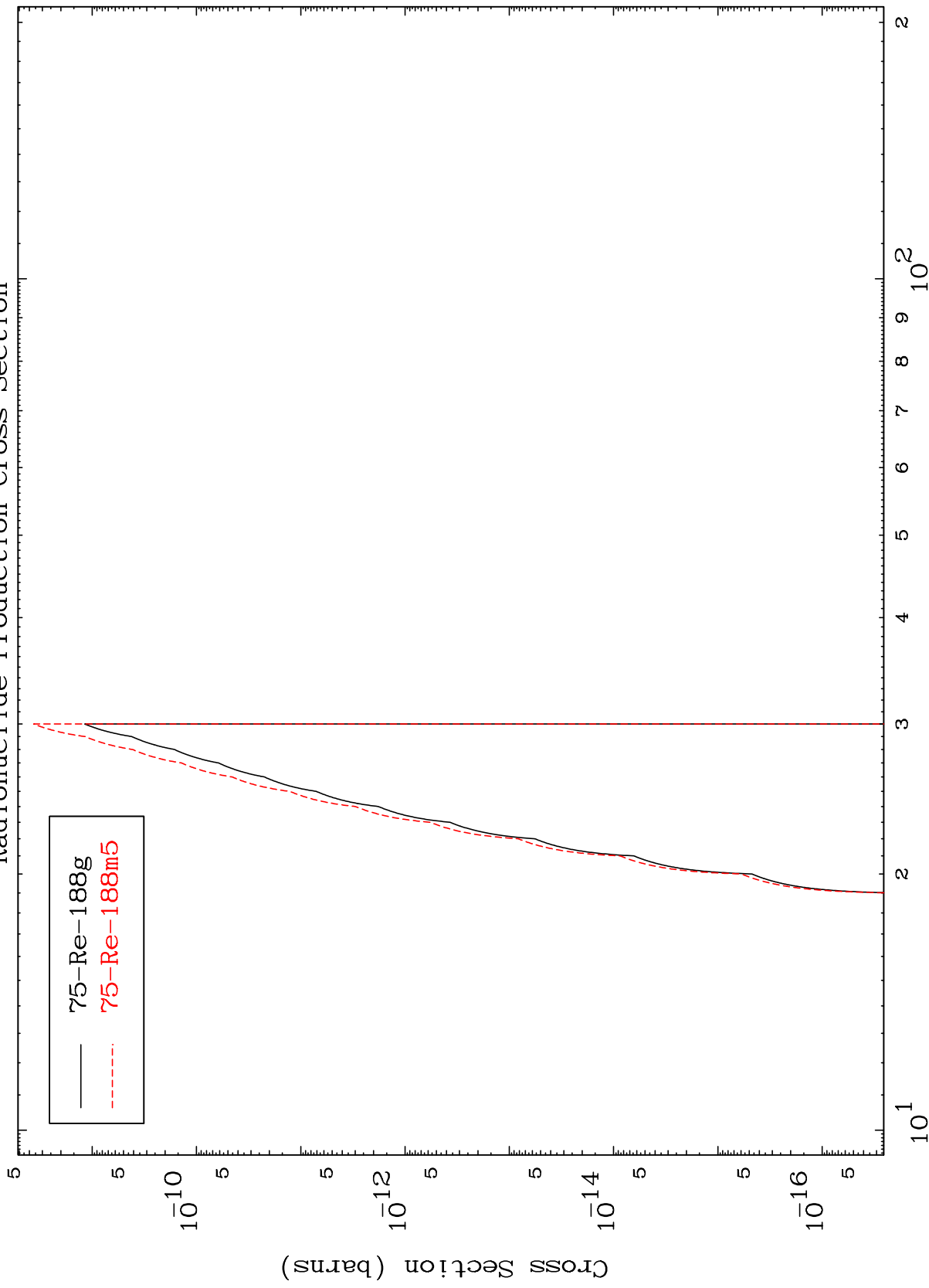
⁷⁷Ir-190

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77-Ir-190

(n,p) d

Radionuclide Production Cross Section



77-Ir-190

Incident Energy (MeV)

30

MAT 7724

(n,d) α

⁷⁷Ir-190

Radionuclide Production Cross Section

