

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

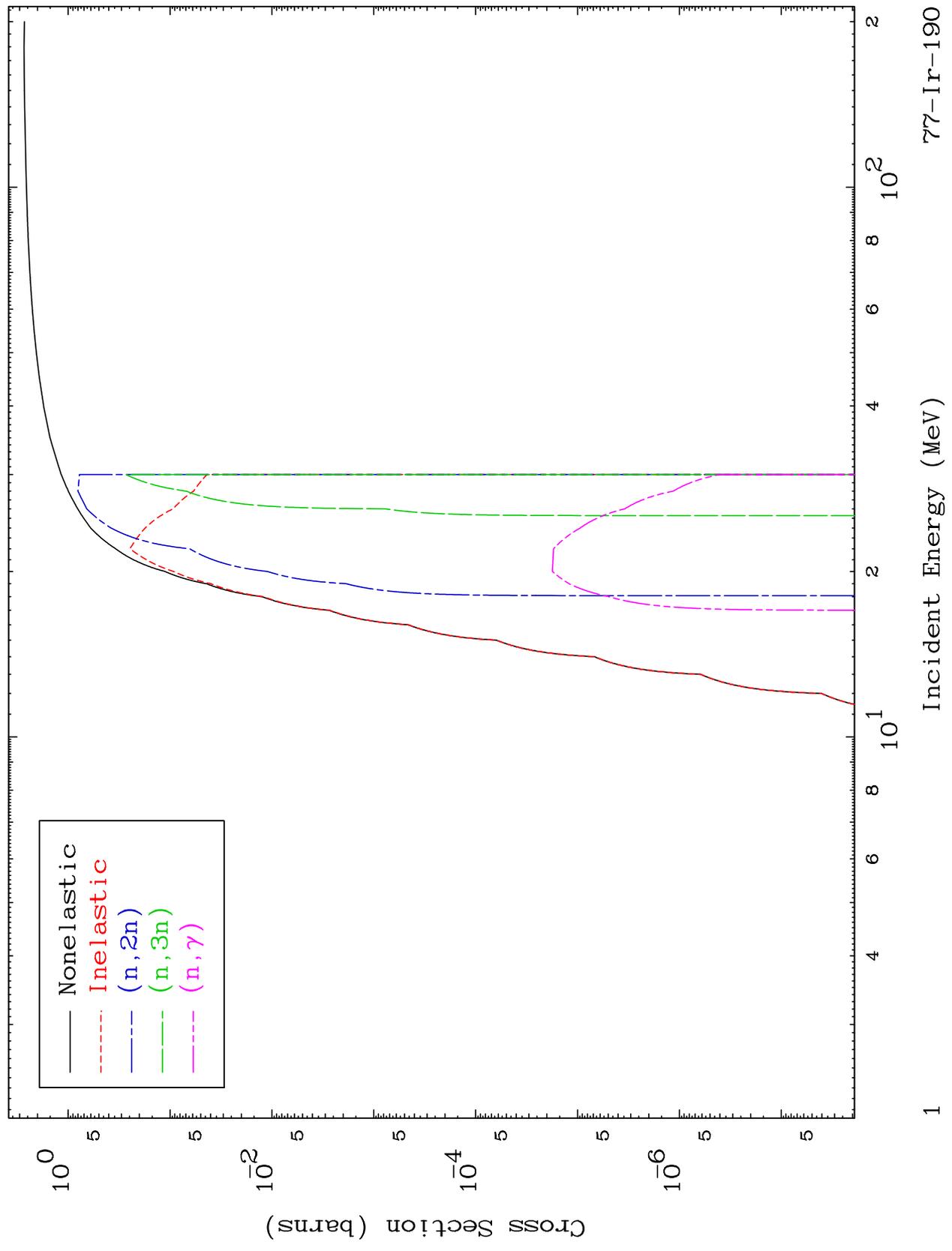
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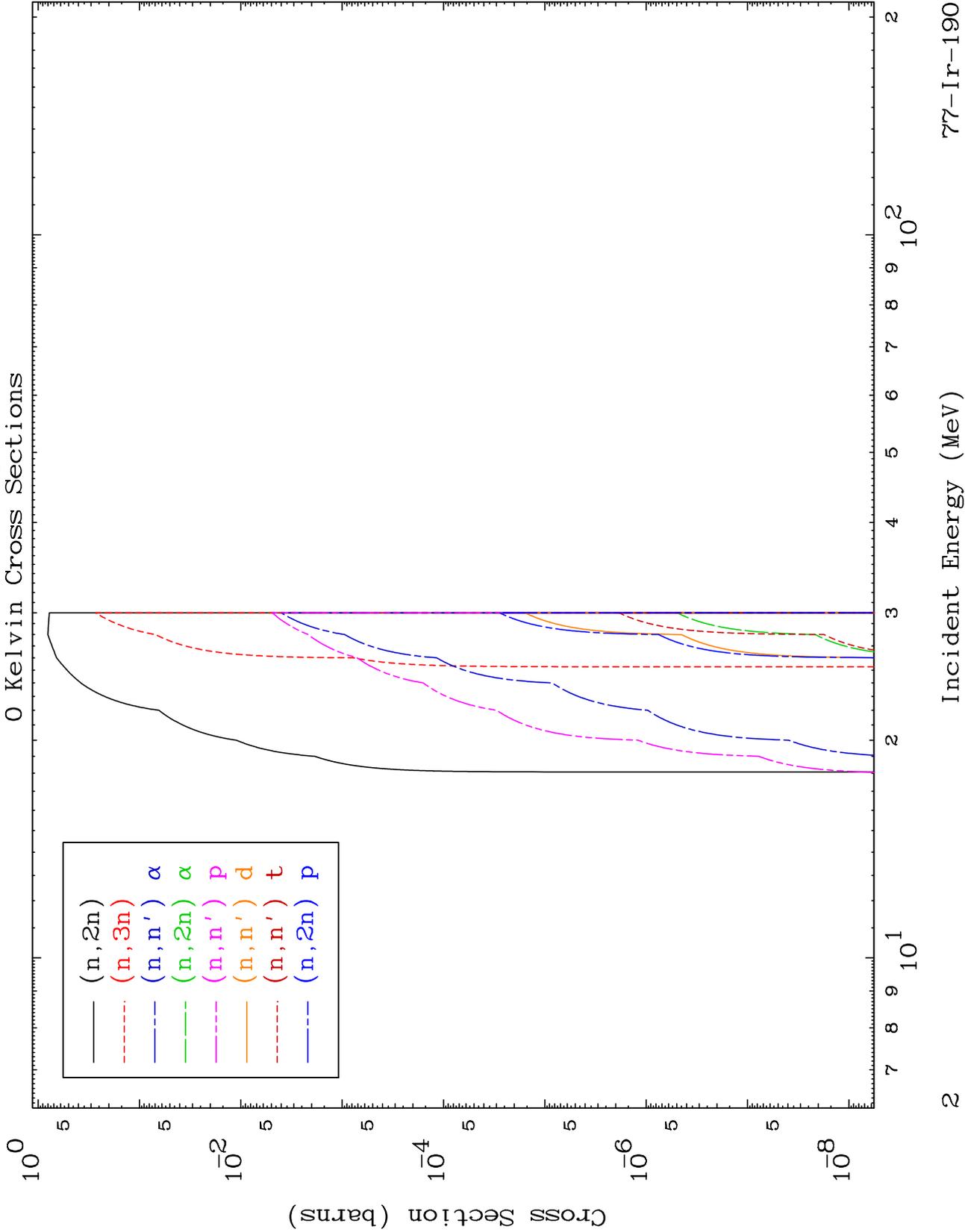
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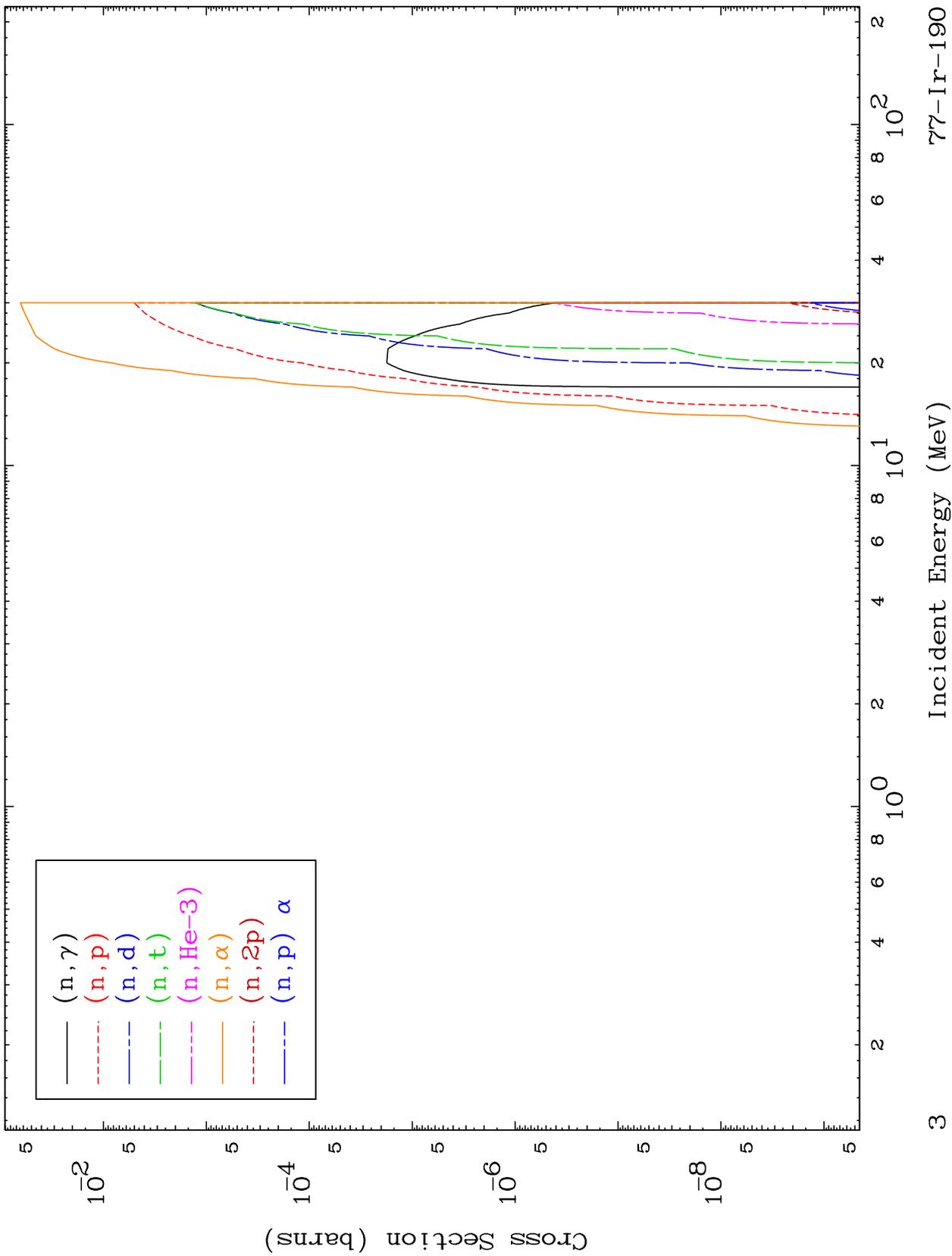
E.Mail:redcullen1@comcast.net

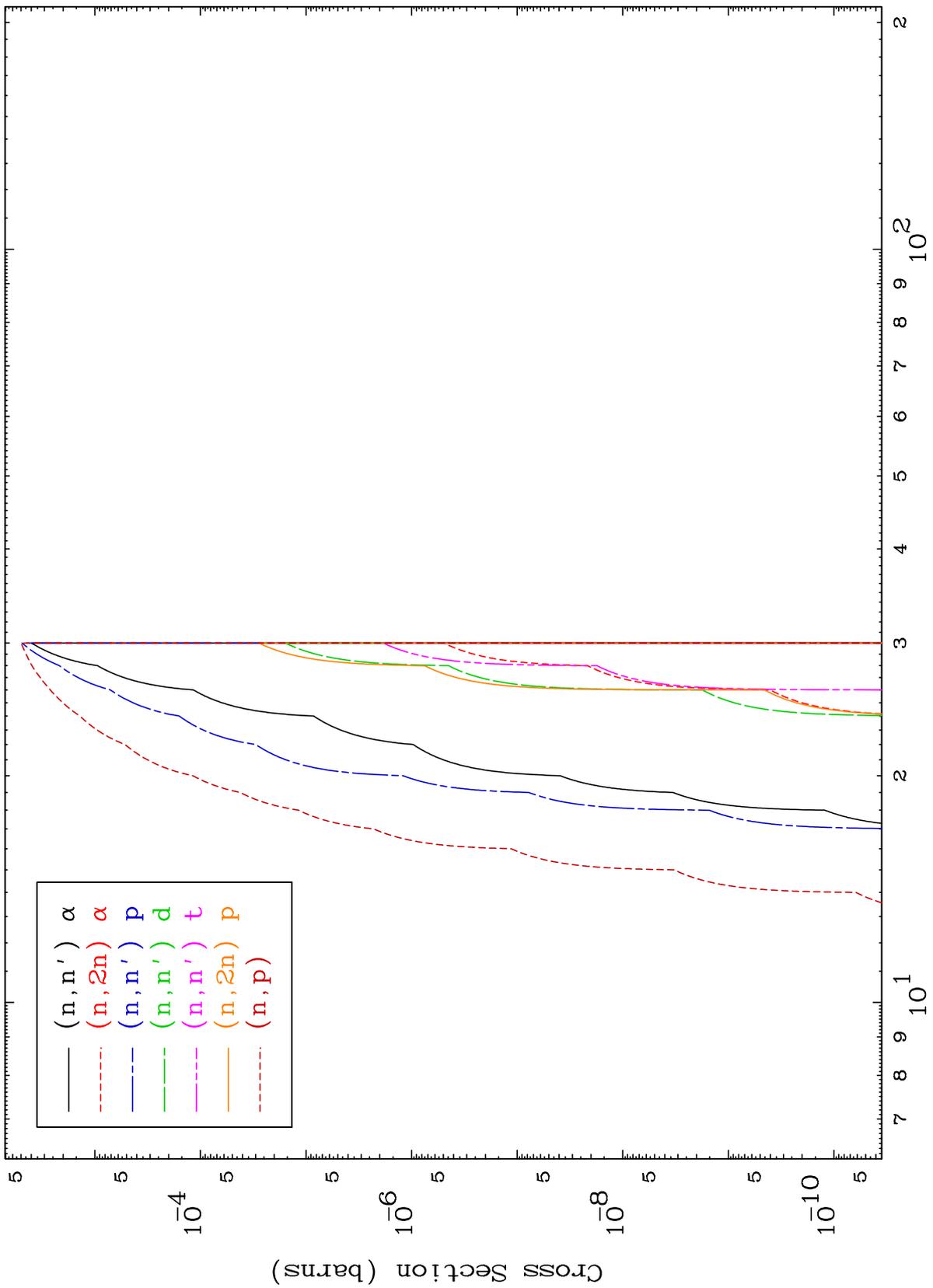
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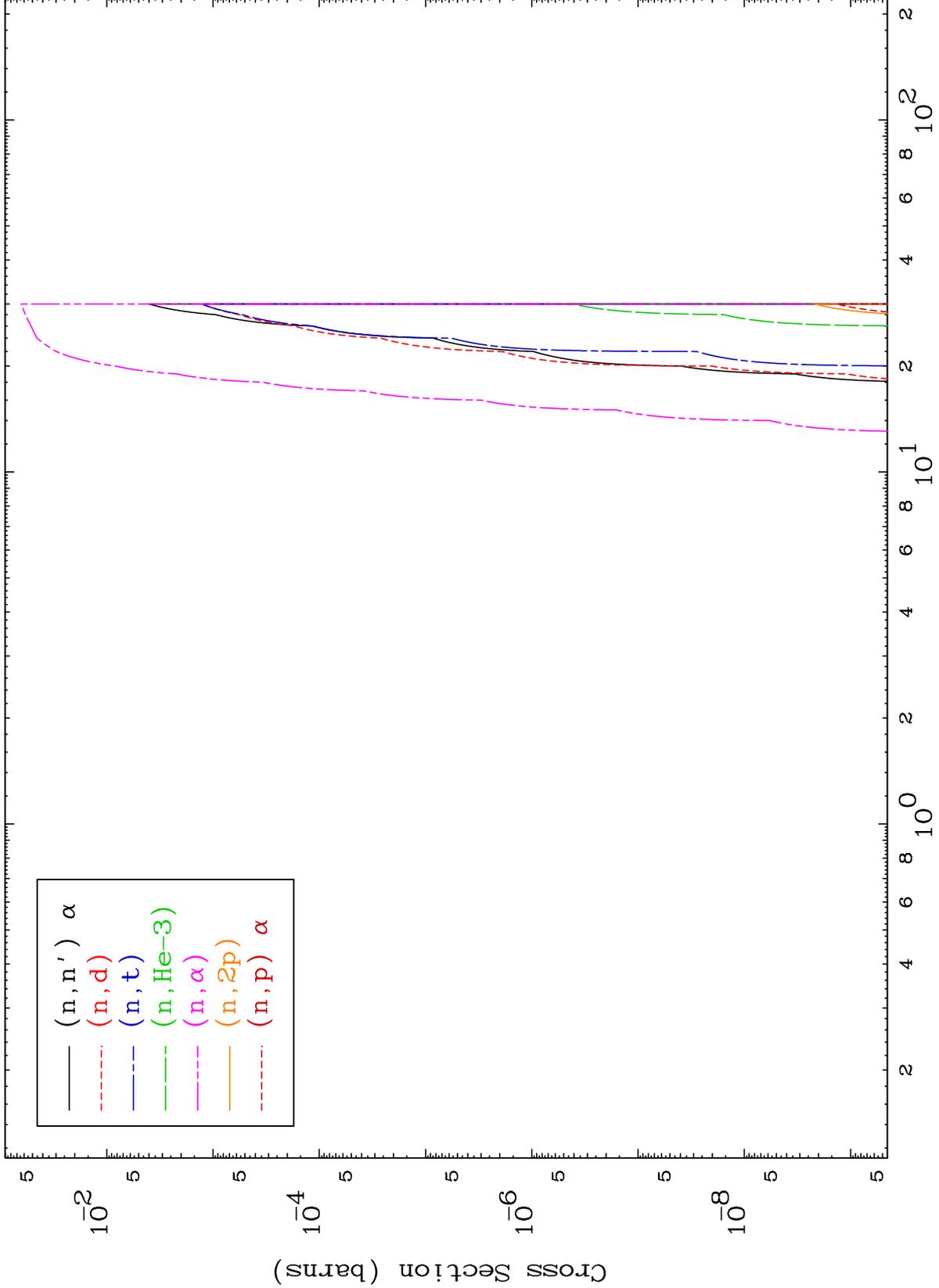
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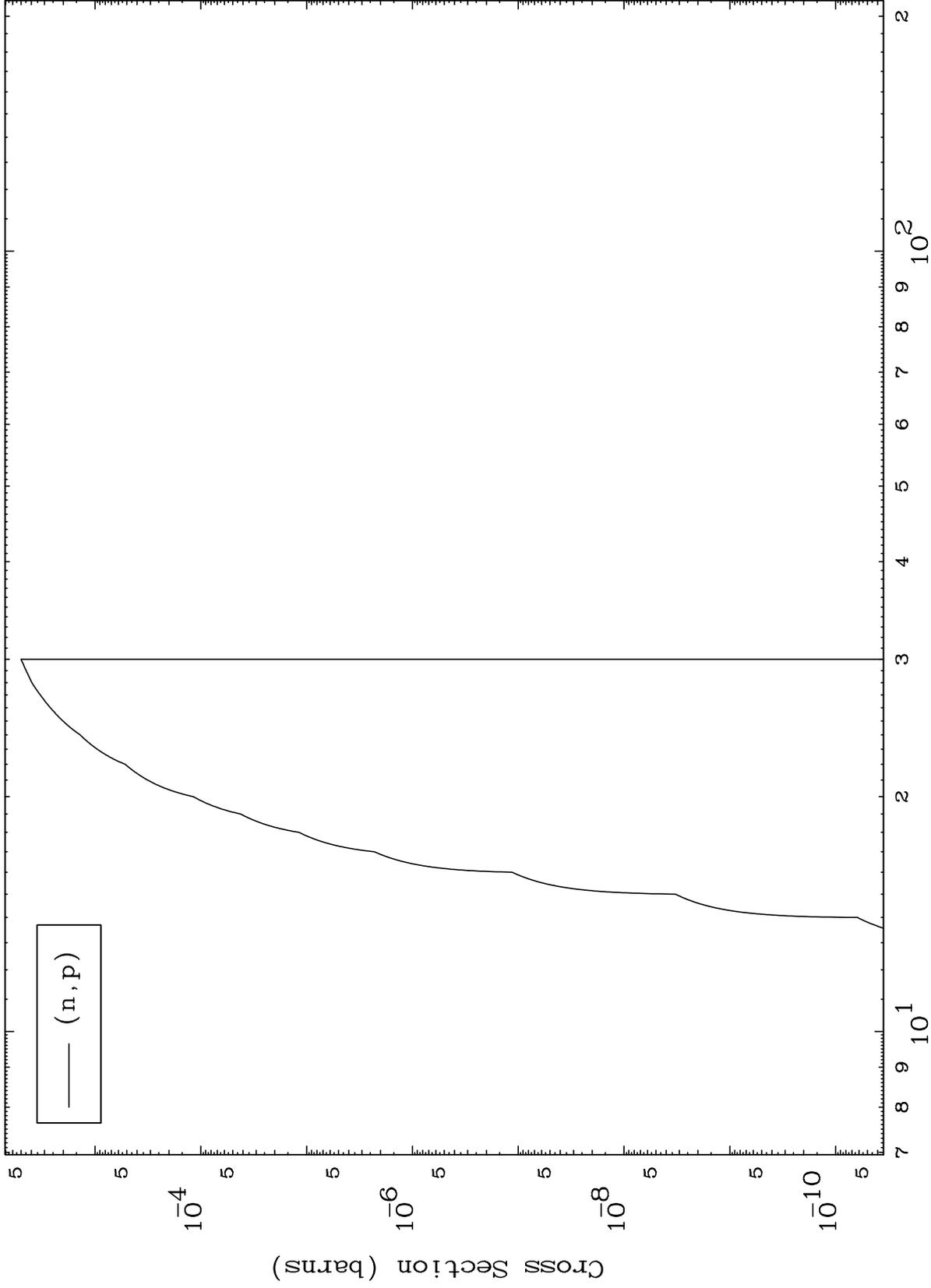




MAT 7722

(α, p) Levels
0 Kelvin Cross Sections

77-Ir-190



Incident Energy (MeV)

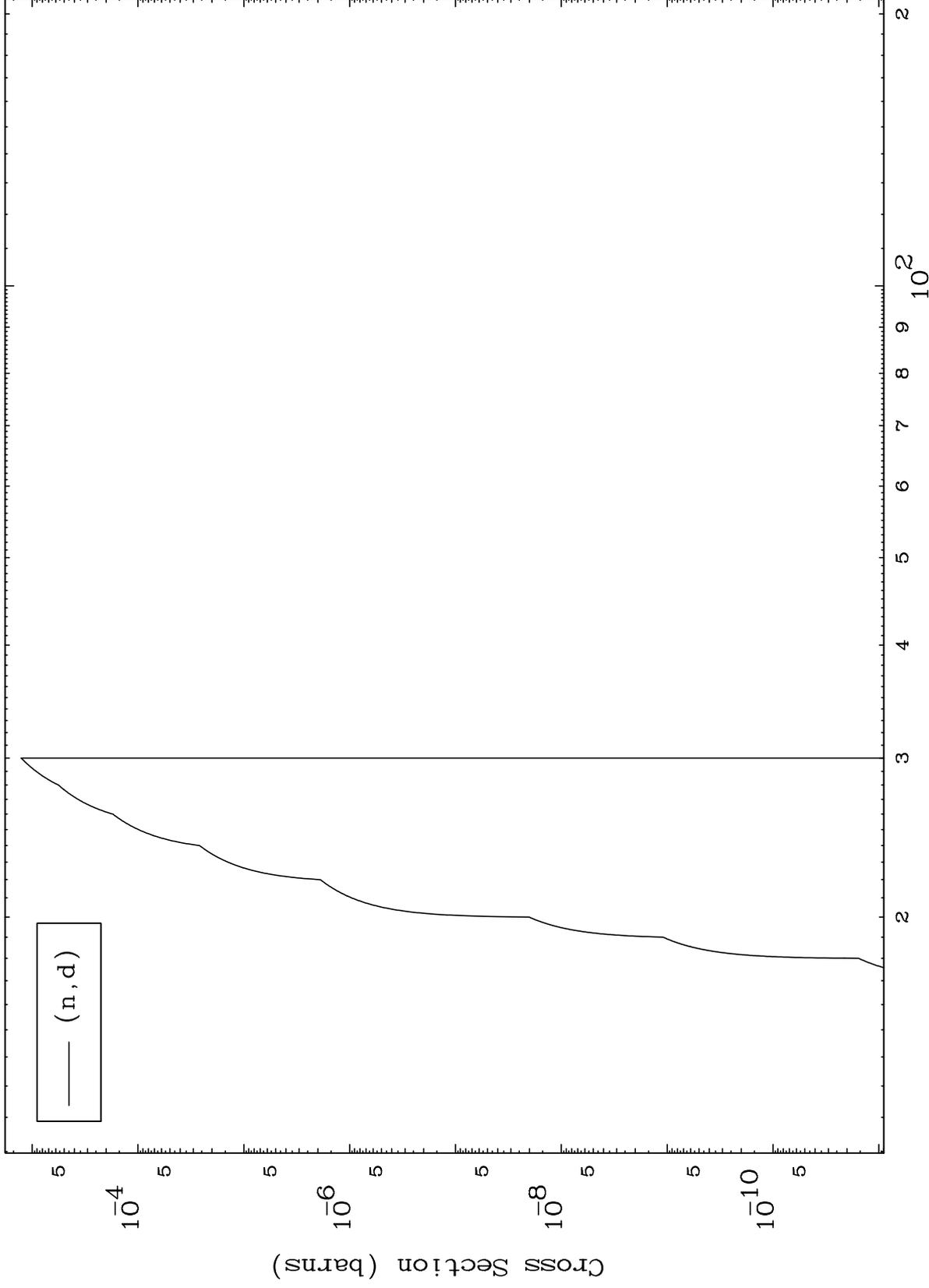
77-Ir-190

6

MAT 7722

(α, d) Levels
0 Kelvin Cross Sections

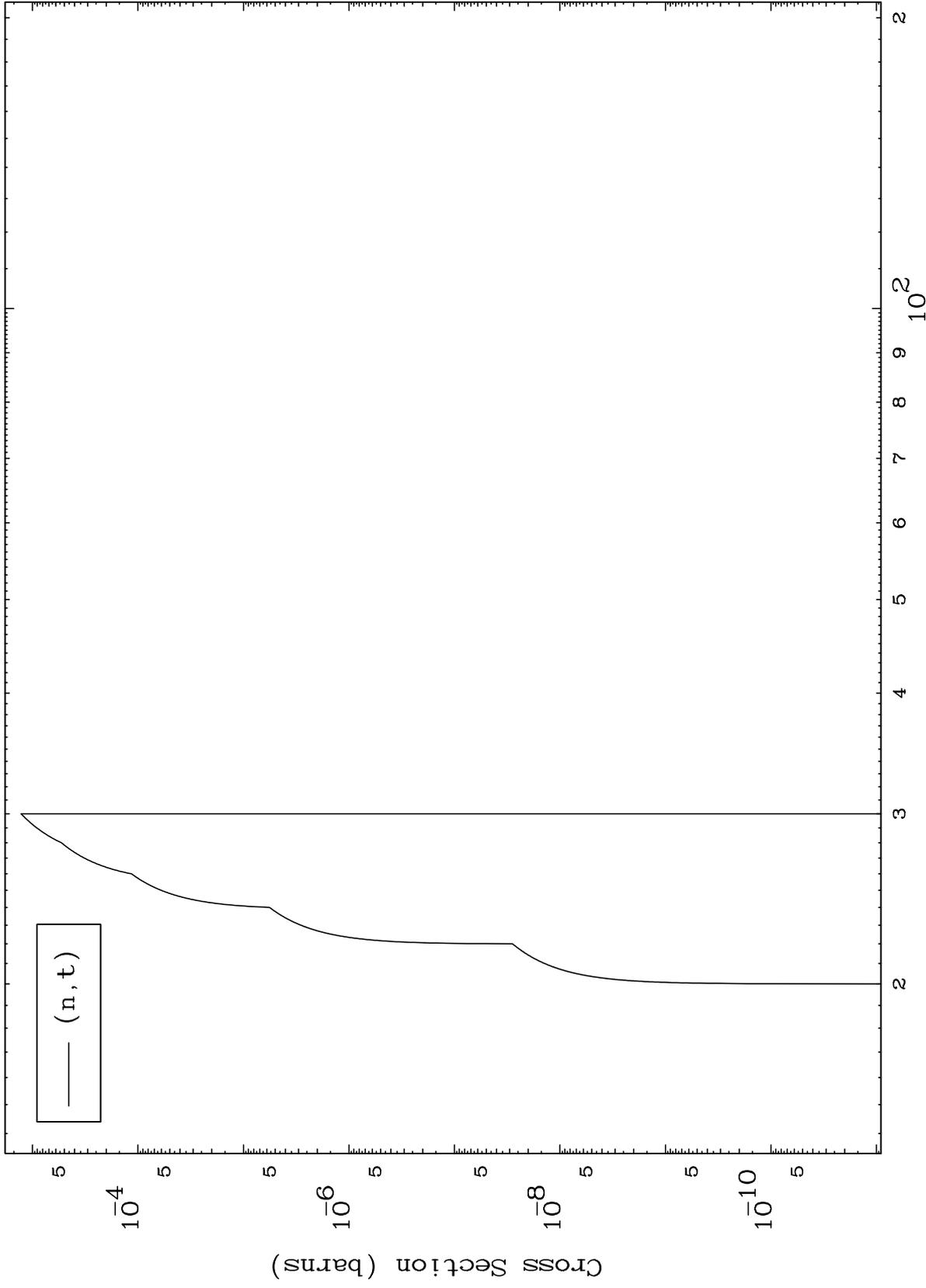
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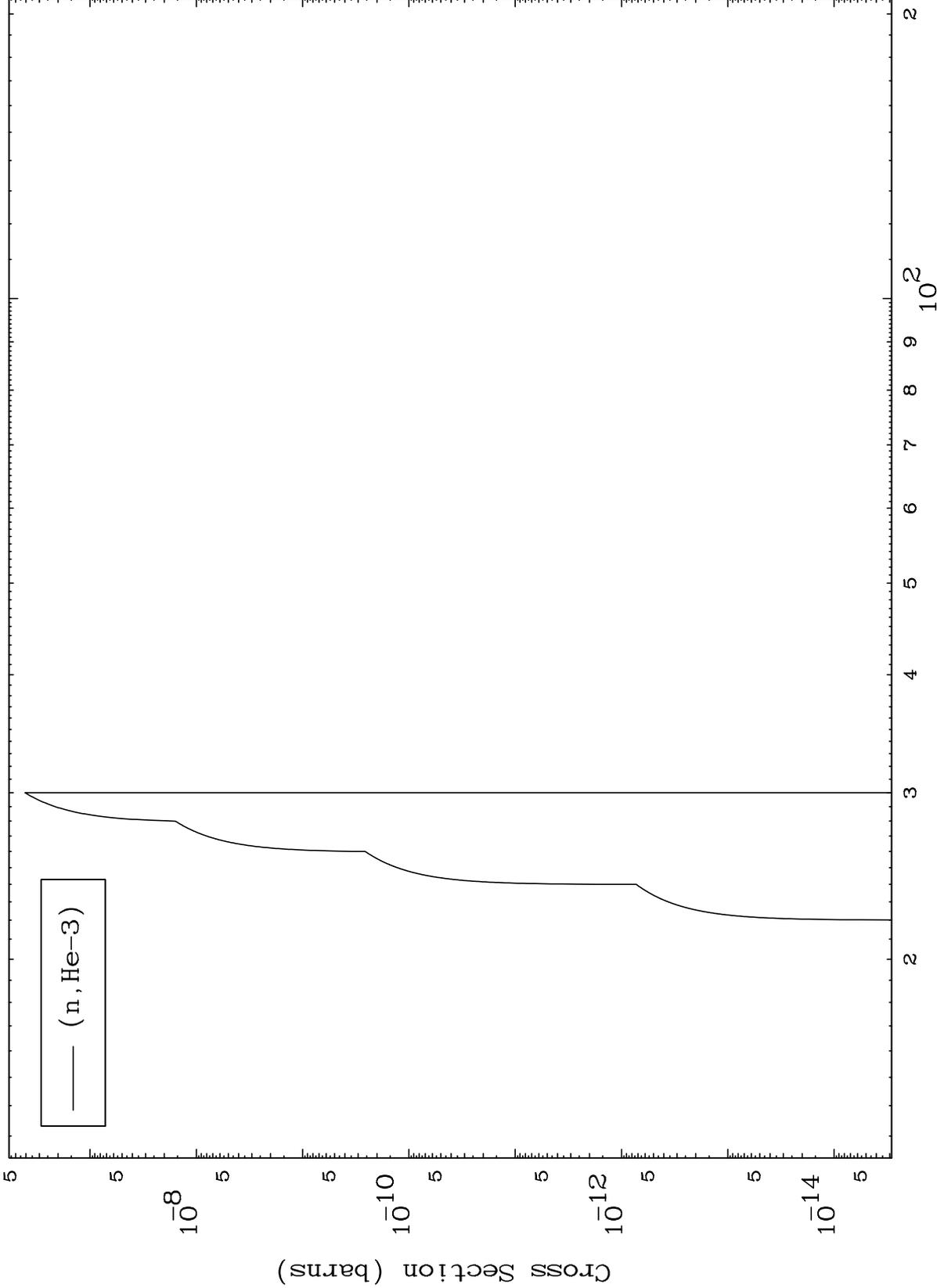
MAT 7722

(α, t) Levels
0 Kelvin Cross Sections

77-Ir-190



0 Kelvin Cross Sections

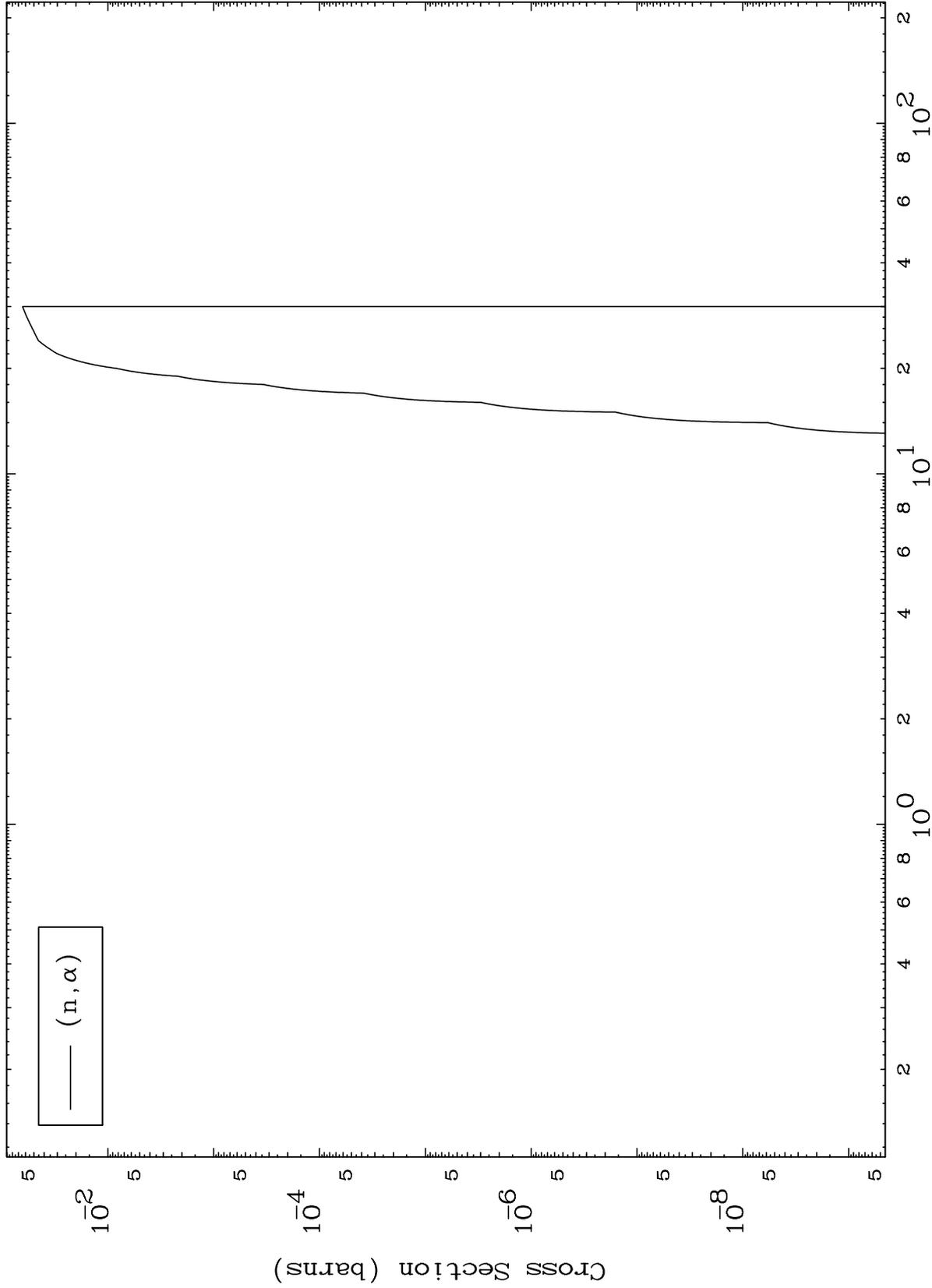


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(α, α) Levels

77-Ir-190

0 Kelvin Cross Sections



10

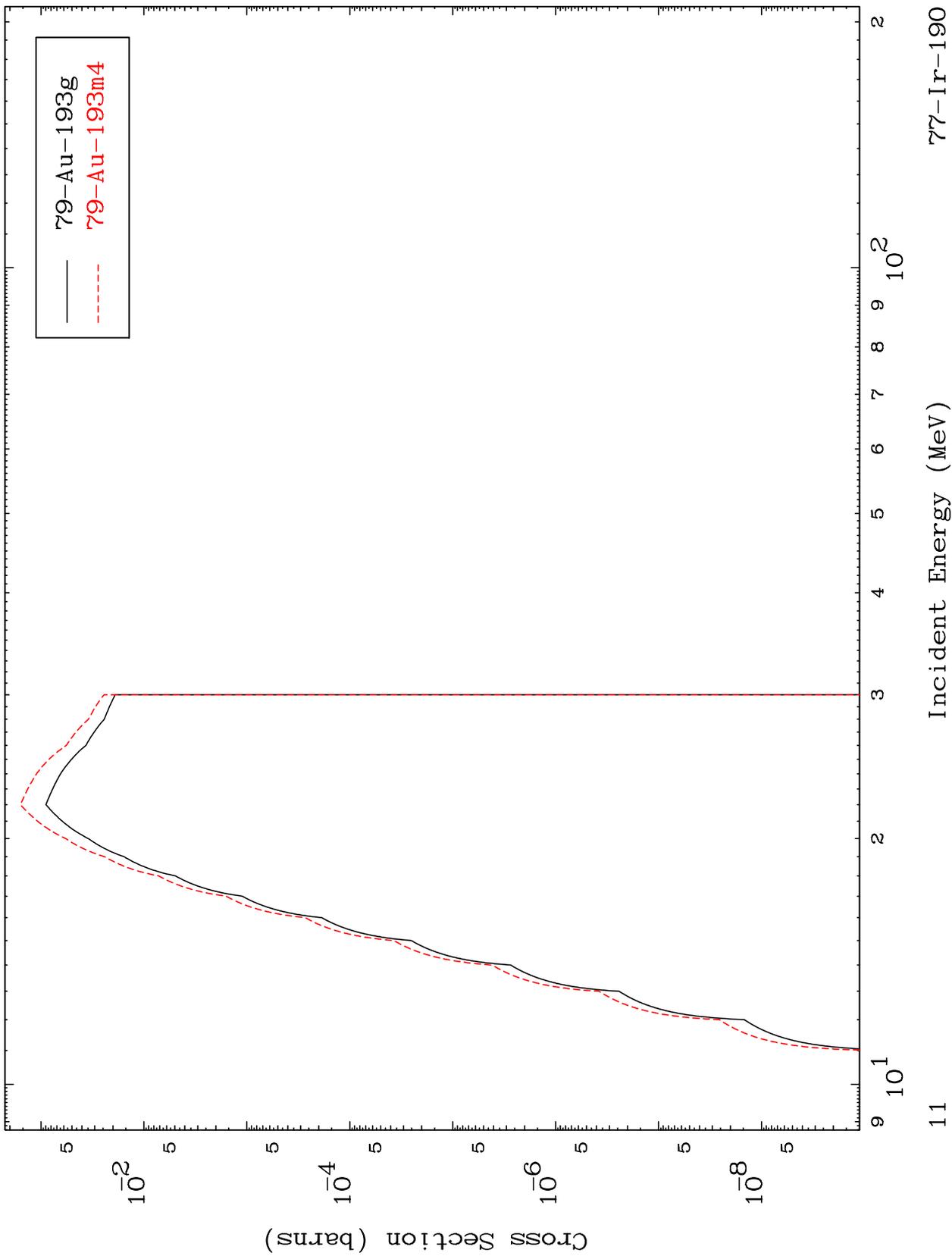
Incident Energy (MeV)

77-Ir-190

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77-Ir-190

Inelastic
Radionuclide Production Cross Section



77-Ir-190

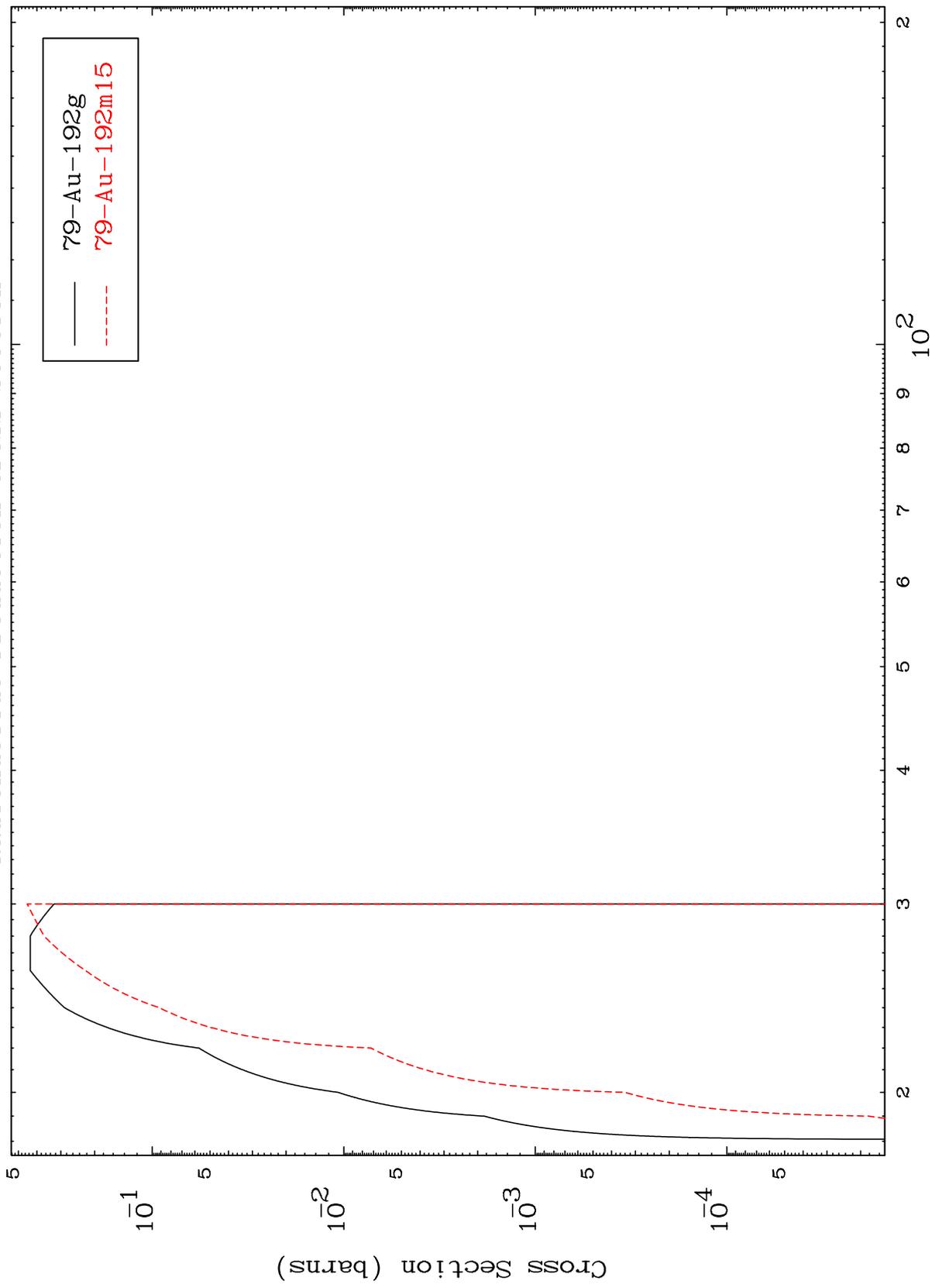
Incident Energy (MeV)

11

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77-Ir-190

(n,2n)
Radionuclide Production Cross Section



79-Au-192g
79-Au-192m15

77-Ir-190

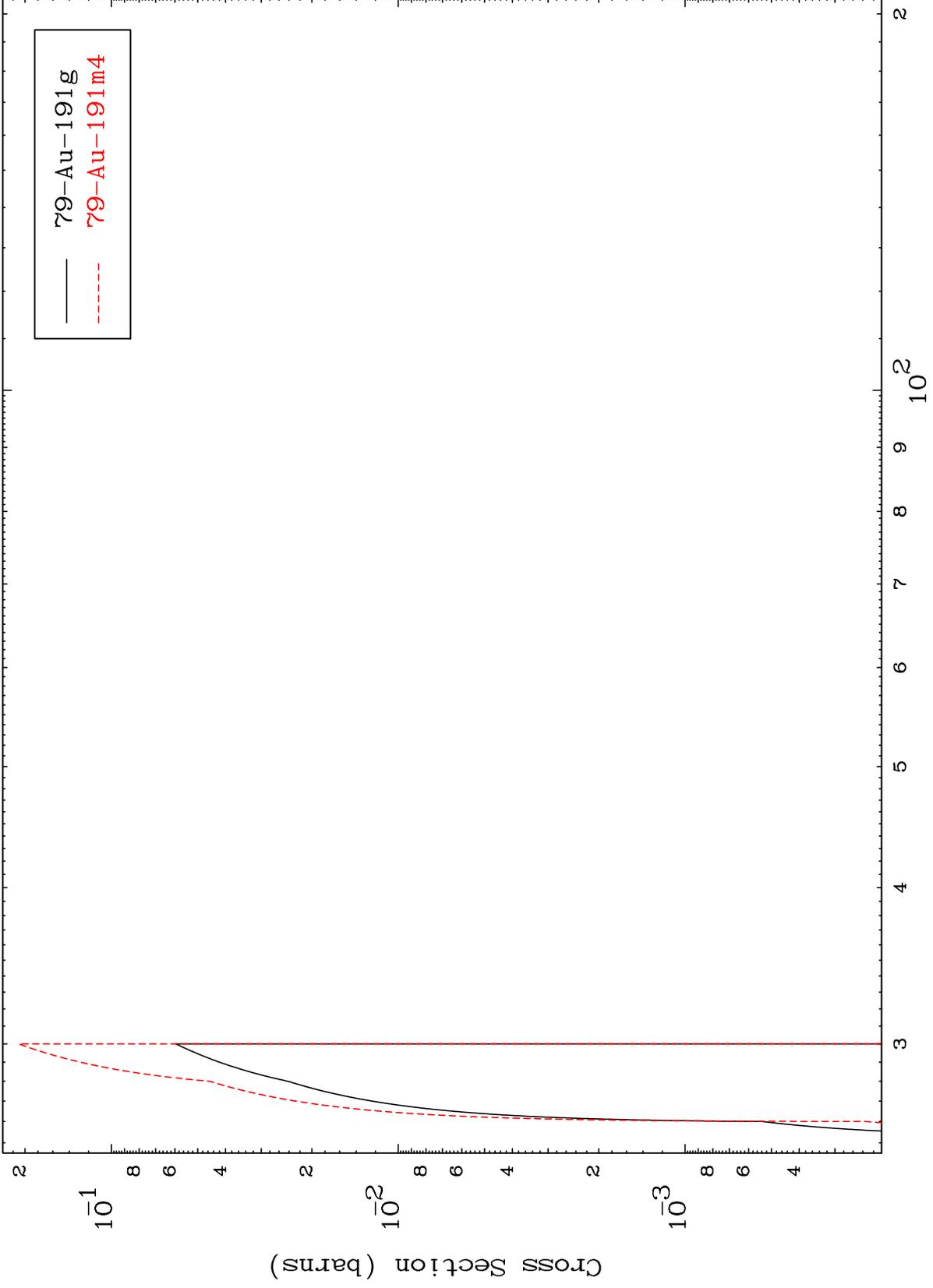
Incident Energy (MeV)

12

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77-Ir-190

(n,3n)
Radionuclide Production Cross Section

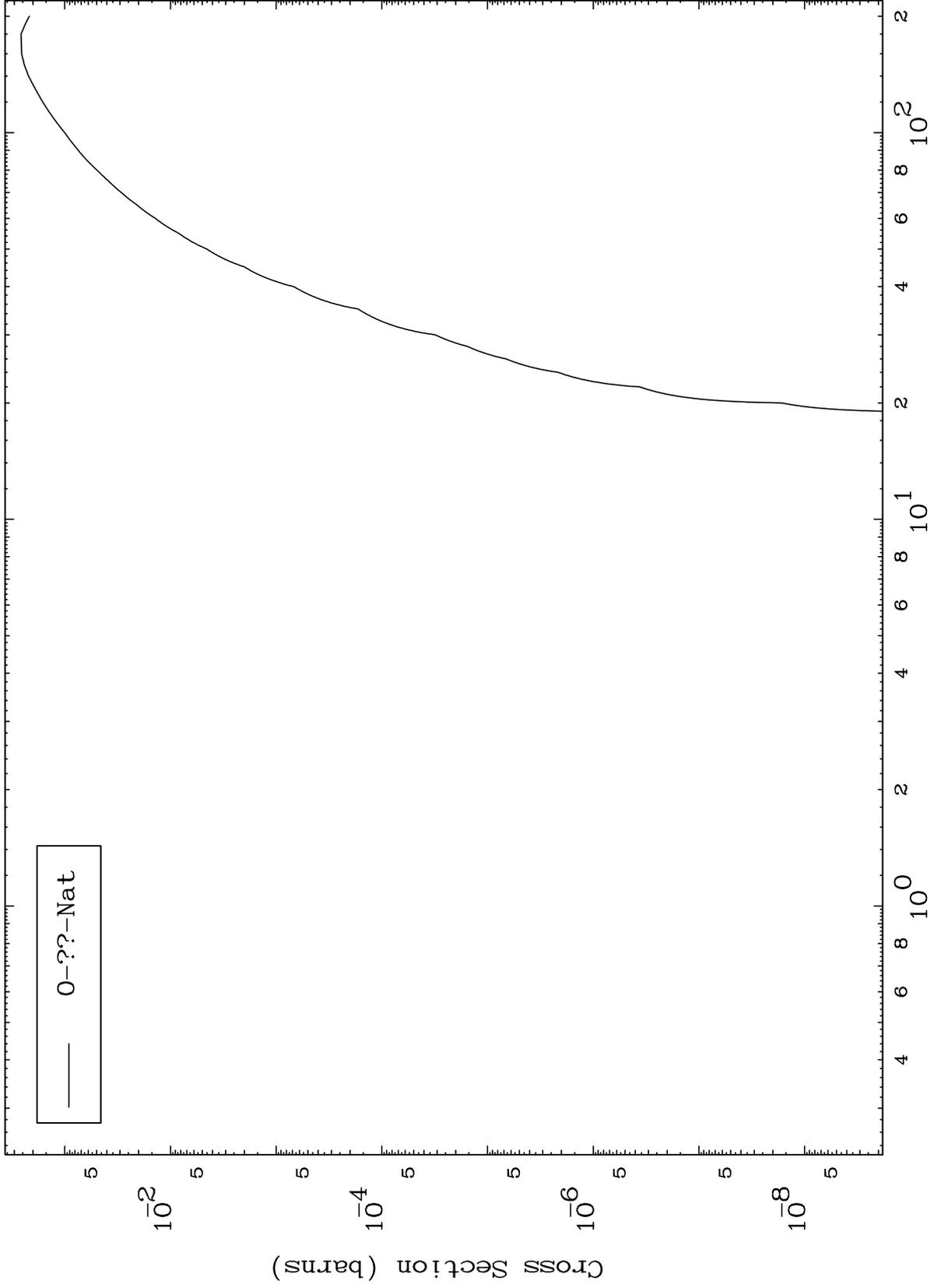


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Fission

⁷⁷Ir-190

Radionuclide Production Cross Section



14

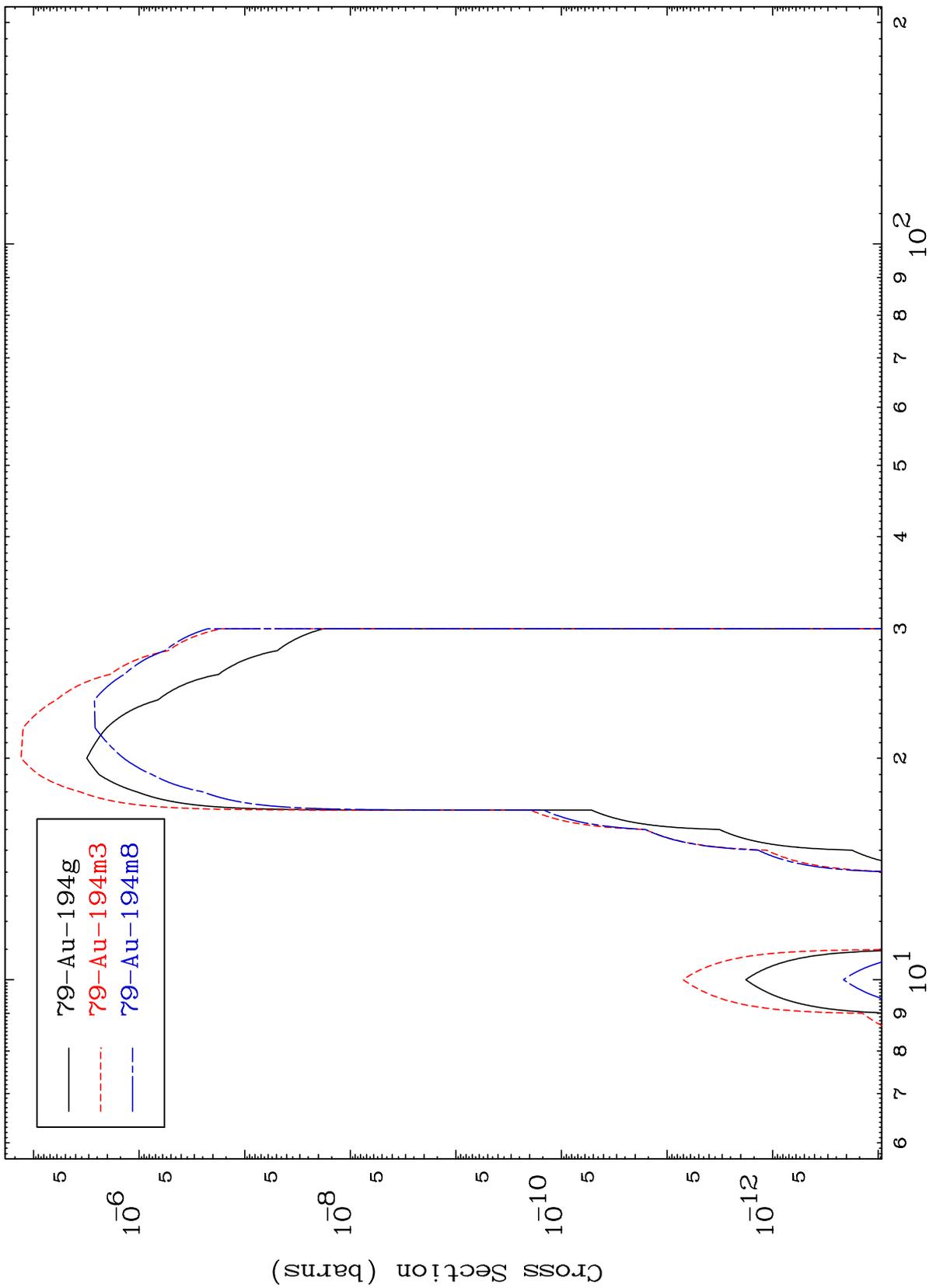
Incident Energy (MeV)

⁷⁷Ir-190

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⁷⁷Ir-190

Radionuclide Production Cross Section (n,γ)



Incident Energy (MeV)

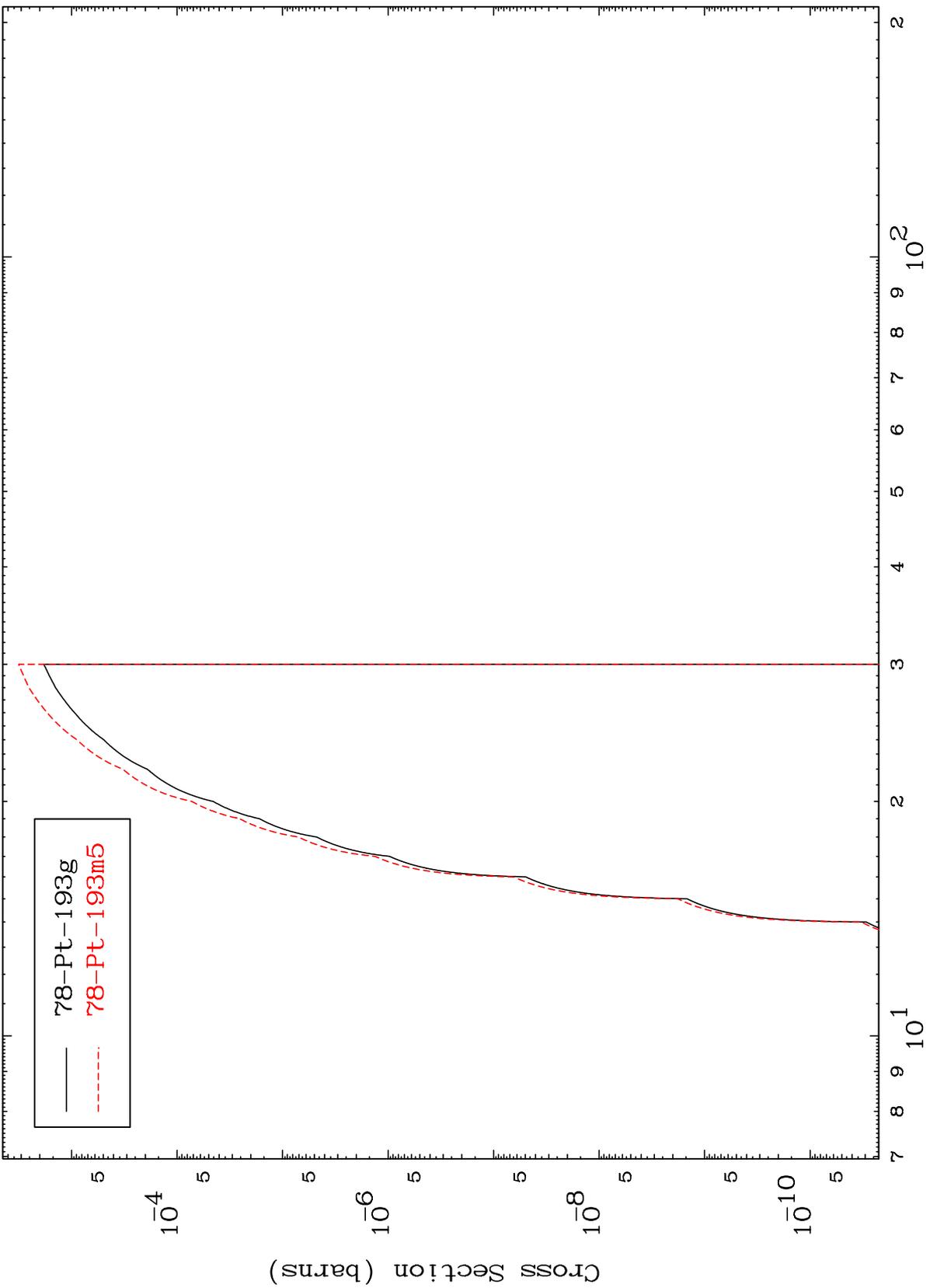
⁷⁷Ir-190

15

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⁷⁷Ir-190

Radionuclide Production Cross Section (n,p)



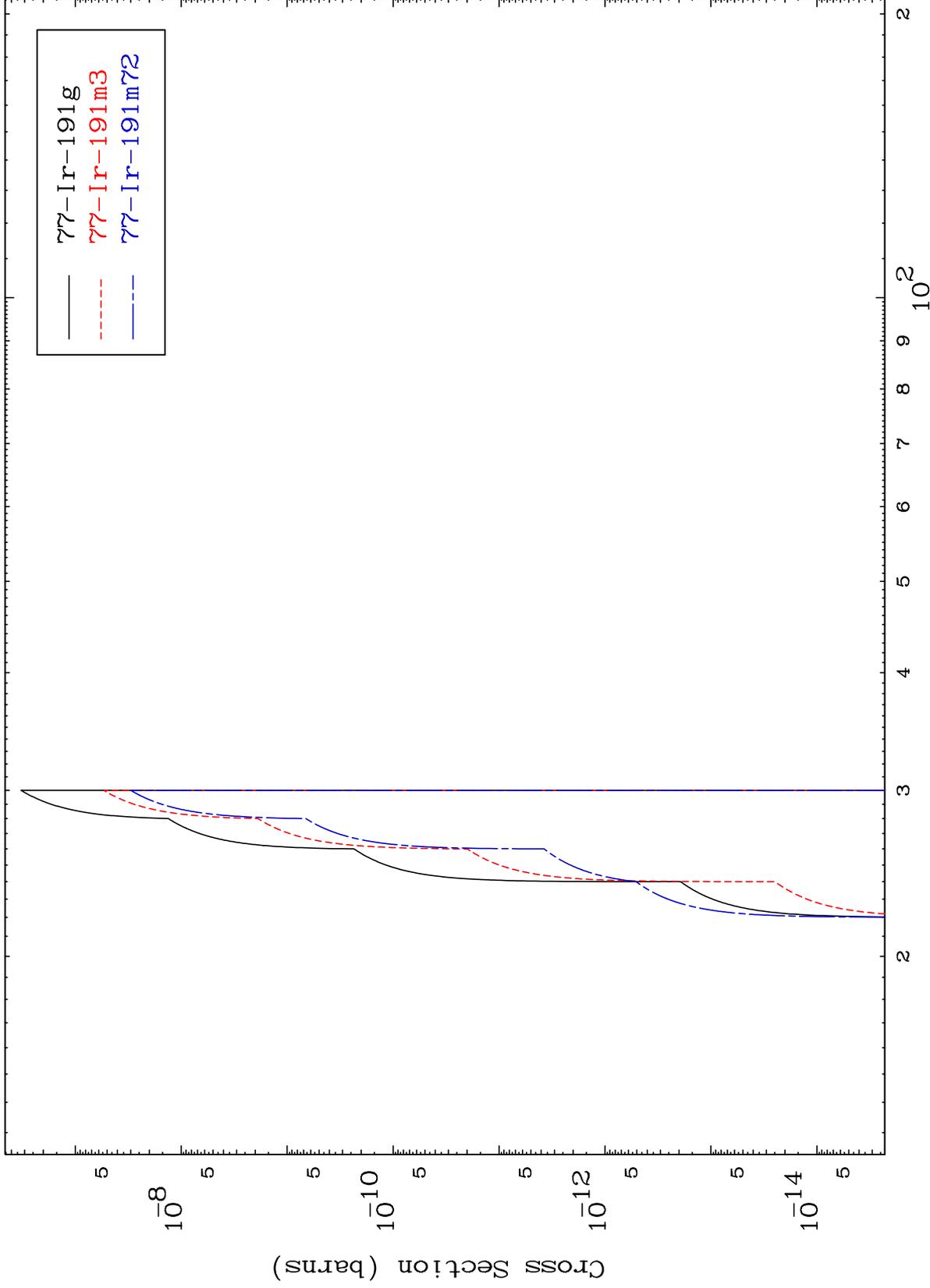
78-Pt-193g
78-Pt-193m5

16

Incident Energy (MeV)

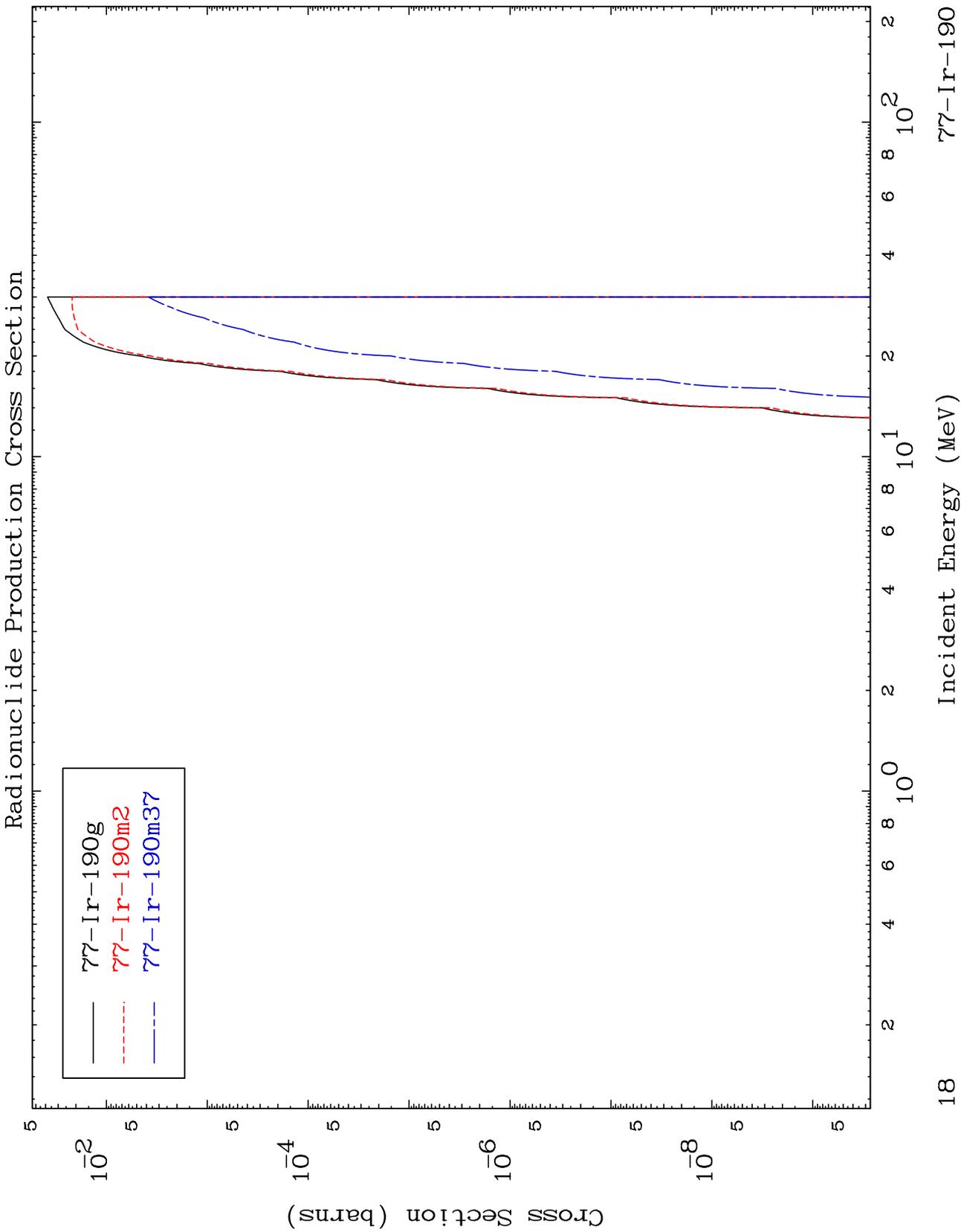
⁷⁷Ir-190

(n,He-3)
Radionuclide Production Cross Section



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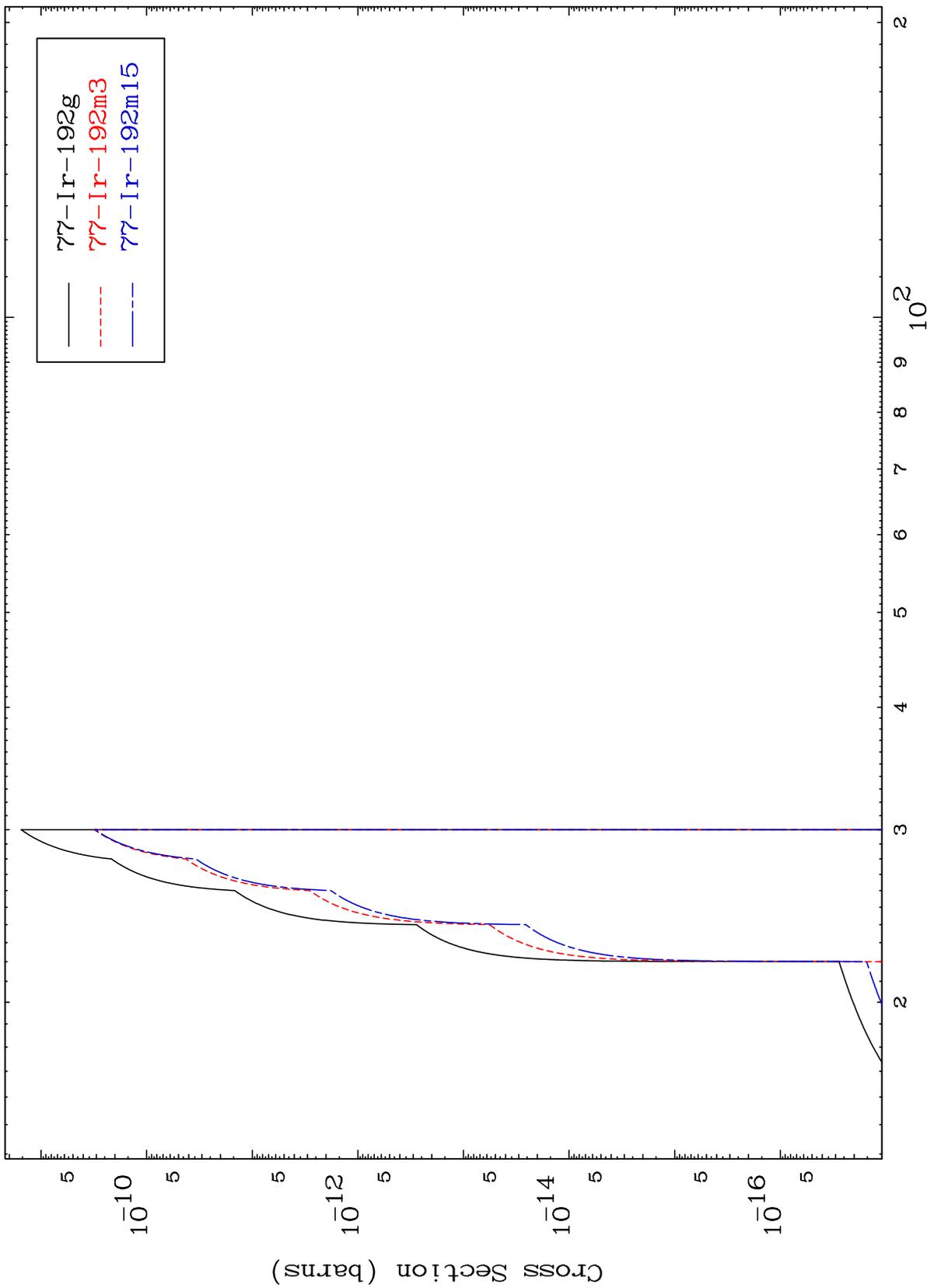
⁷⁷Ir-190



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77-Ir-190

(n,2p)
Radionuclide Production Cross Section



19

77-Ir-190

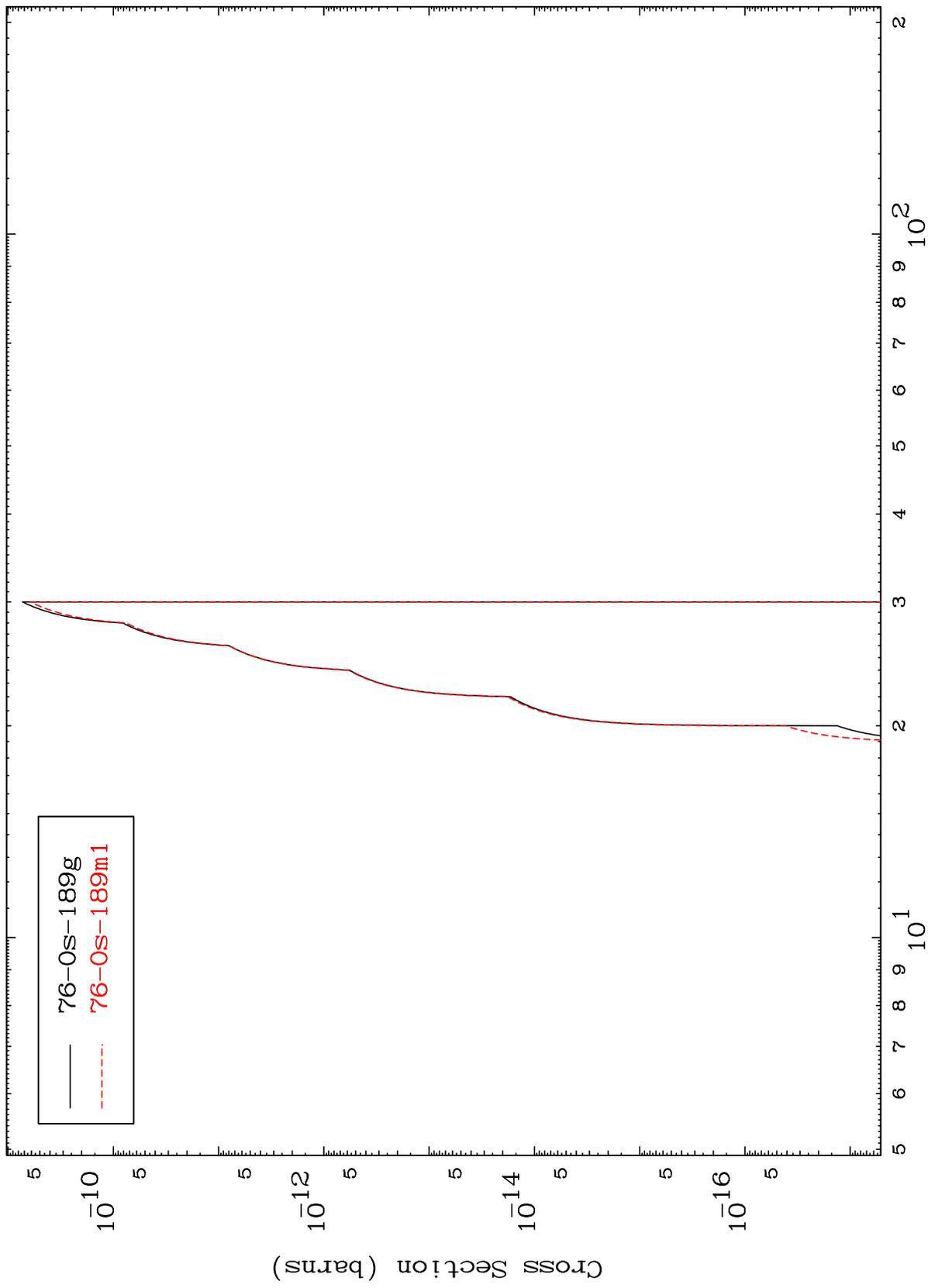
Incident Energy (MeV)

MAT 7722

$^{77}\text{Ir-190}$ α

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

Radionuclide Production Cross Section



20

Incident Energy (MeV)

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