

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

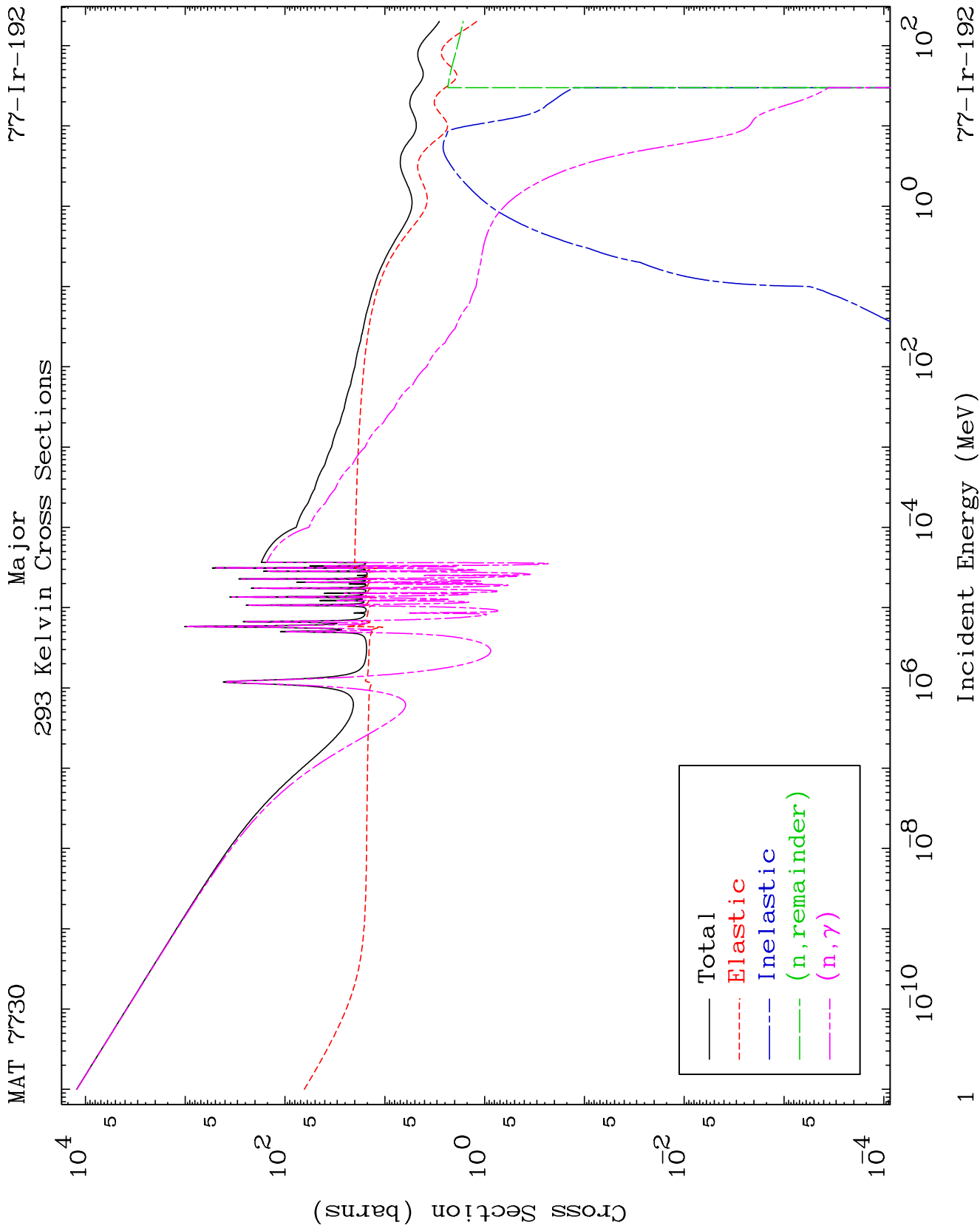
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Web: redcullen1.net/HOMEPAGE.NEW

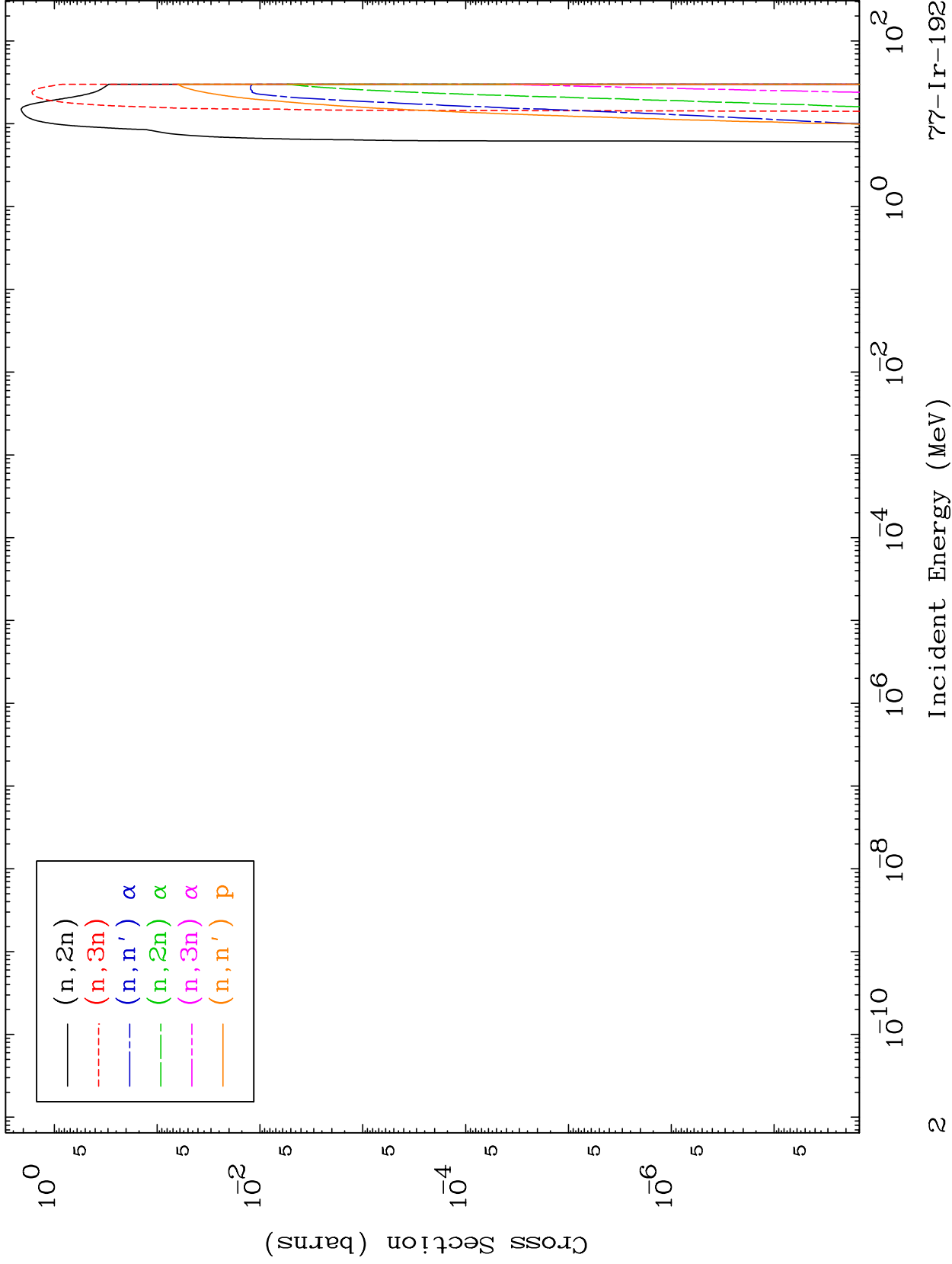
Press Mouse Button to Start



MAT 7730

Neutron Production
293 Kelvin Cross Sections

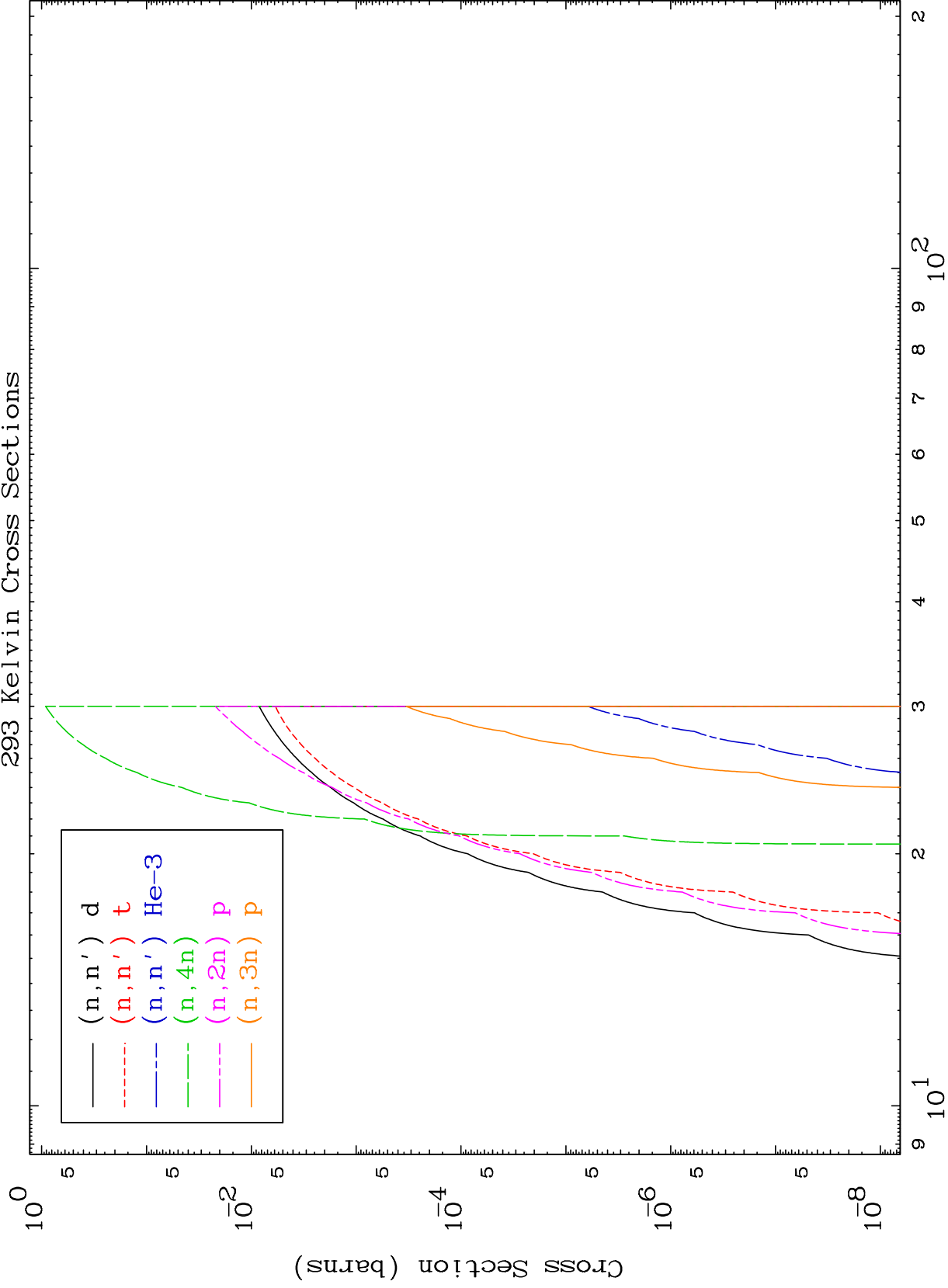
77-Ir-192



MAT 7730

Neutron Production
293 Kelvin Cross Sections

77-Ir-192



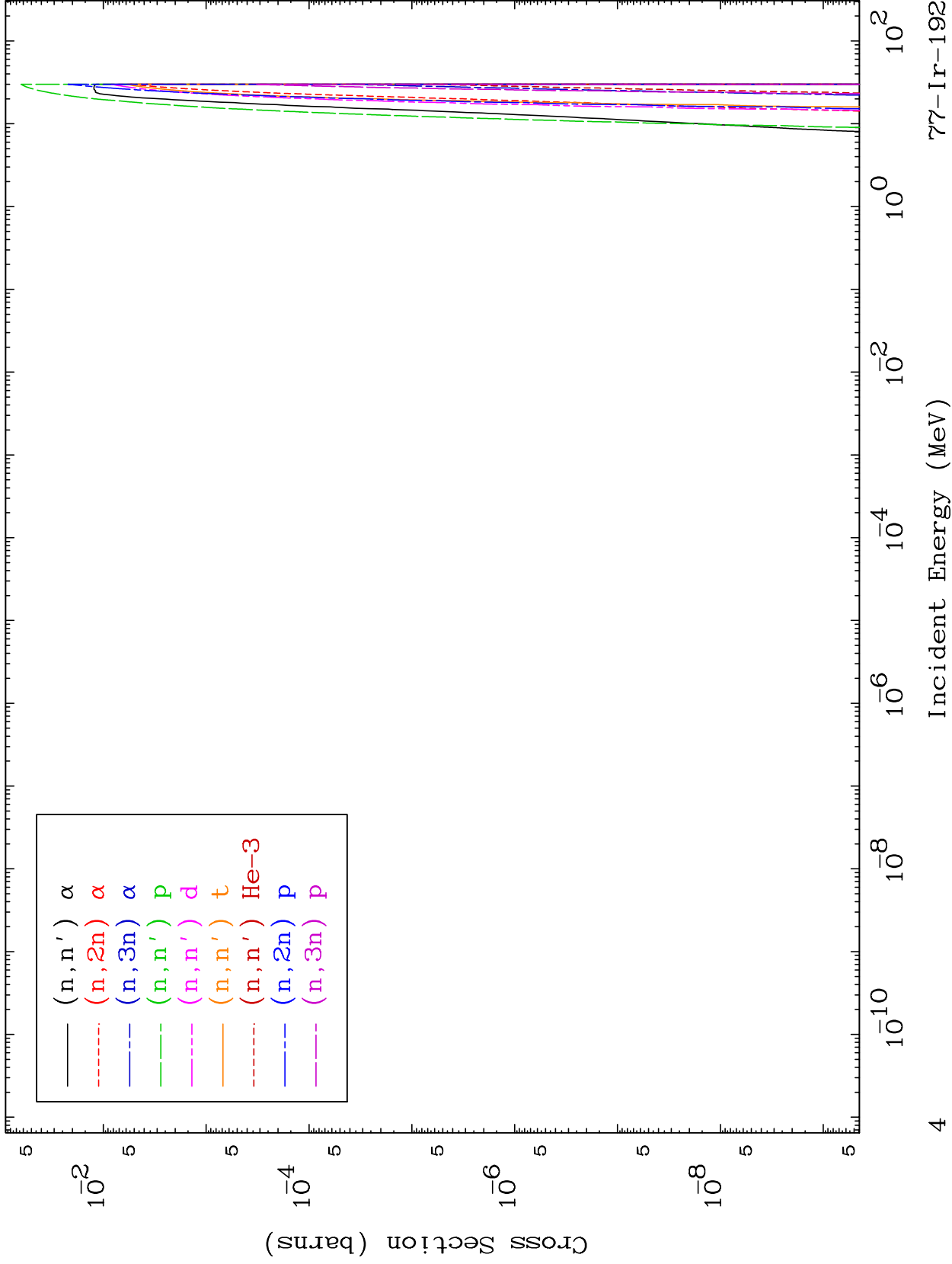
Incident Energy (MeV)

77-Ir-192

MAT 7730

Charged Particle
293 Kelvin Cross Sections

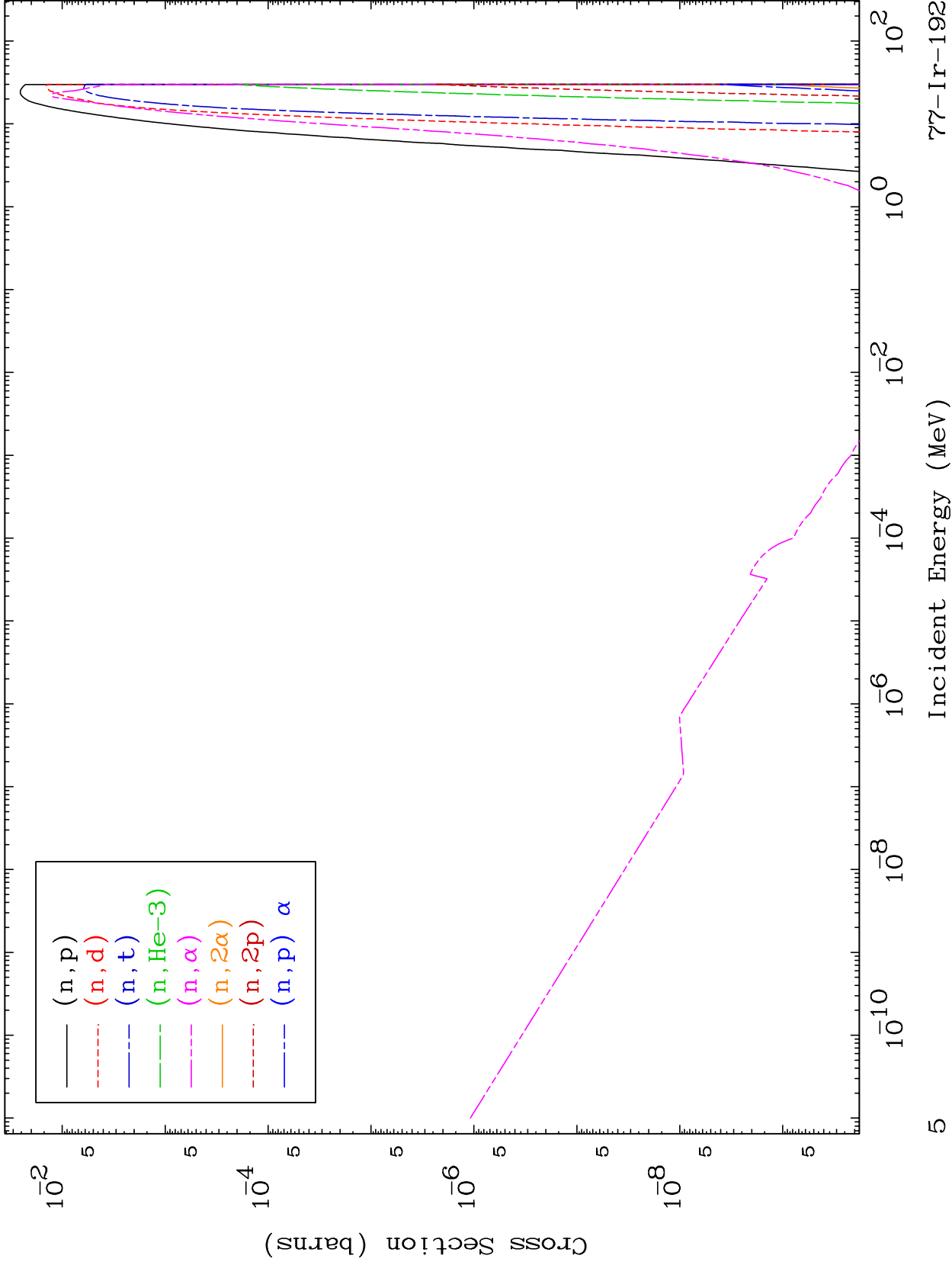
77-Ir-192



MAT 7730

Charged Particle
293 Kelvin Cross Sections

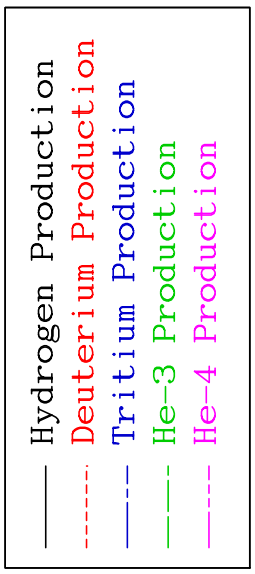
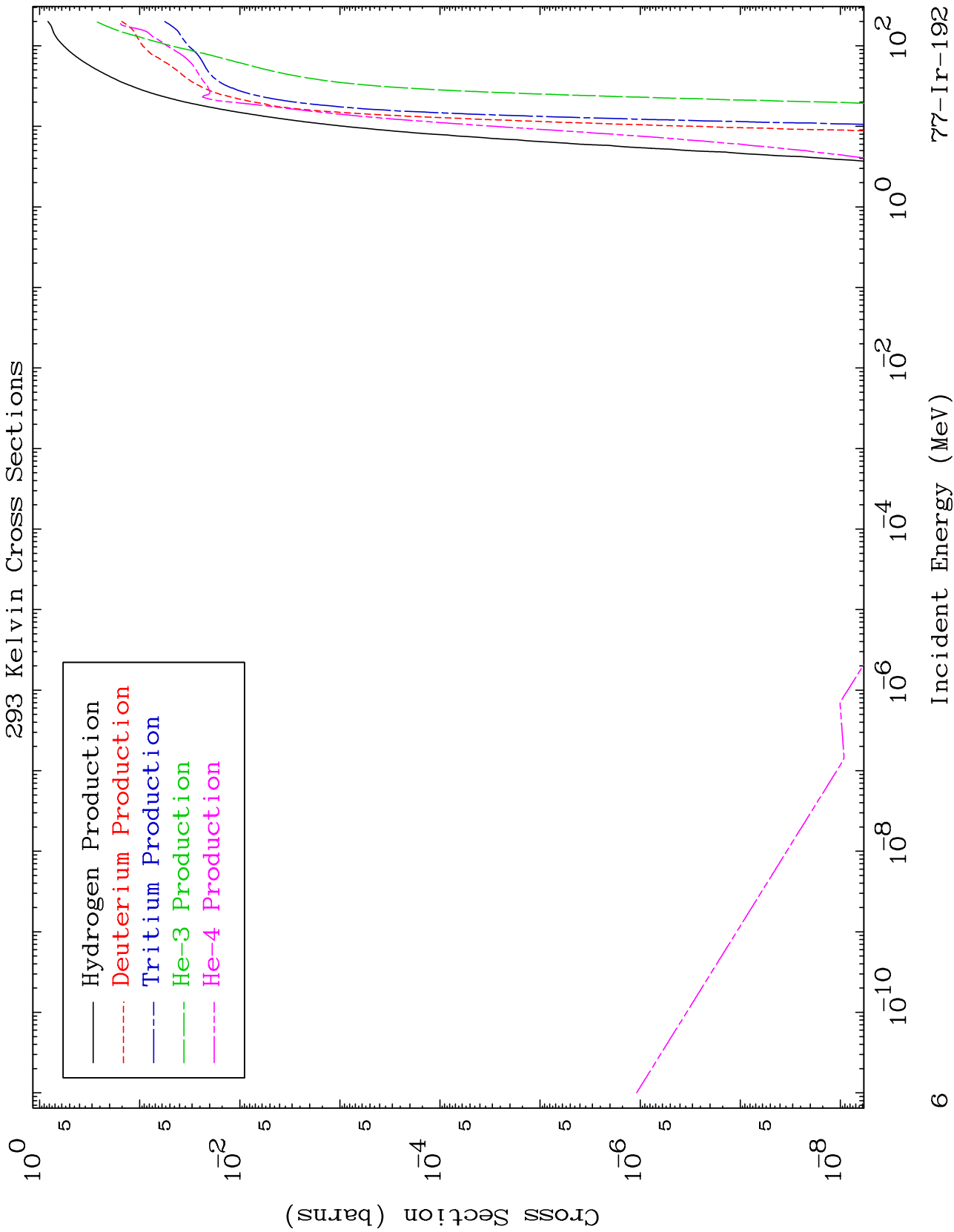
77-Ir-192



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Particle Production
293 Kelvin Cross Sections

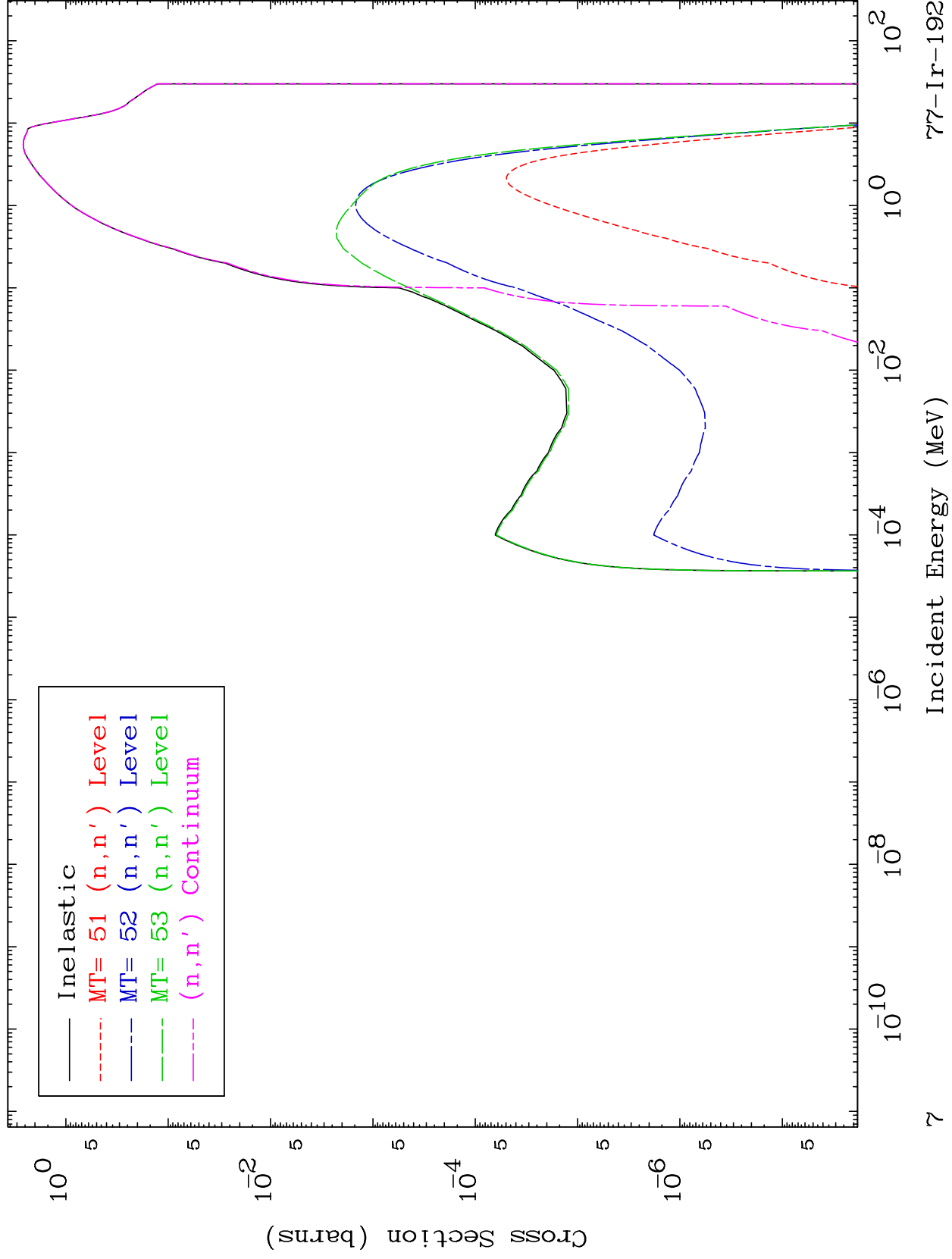
77-Ir-192



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293 Kelvin Cross Sections
(n,n') Level

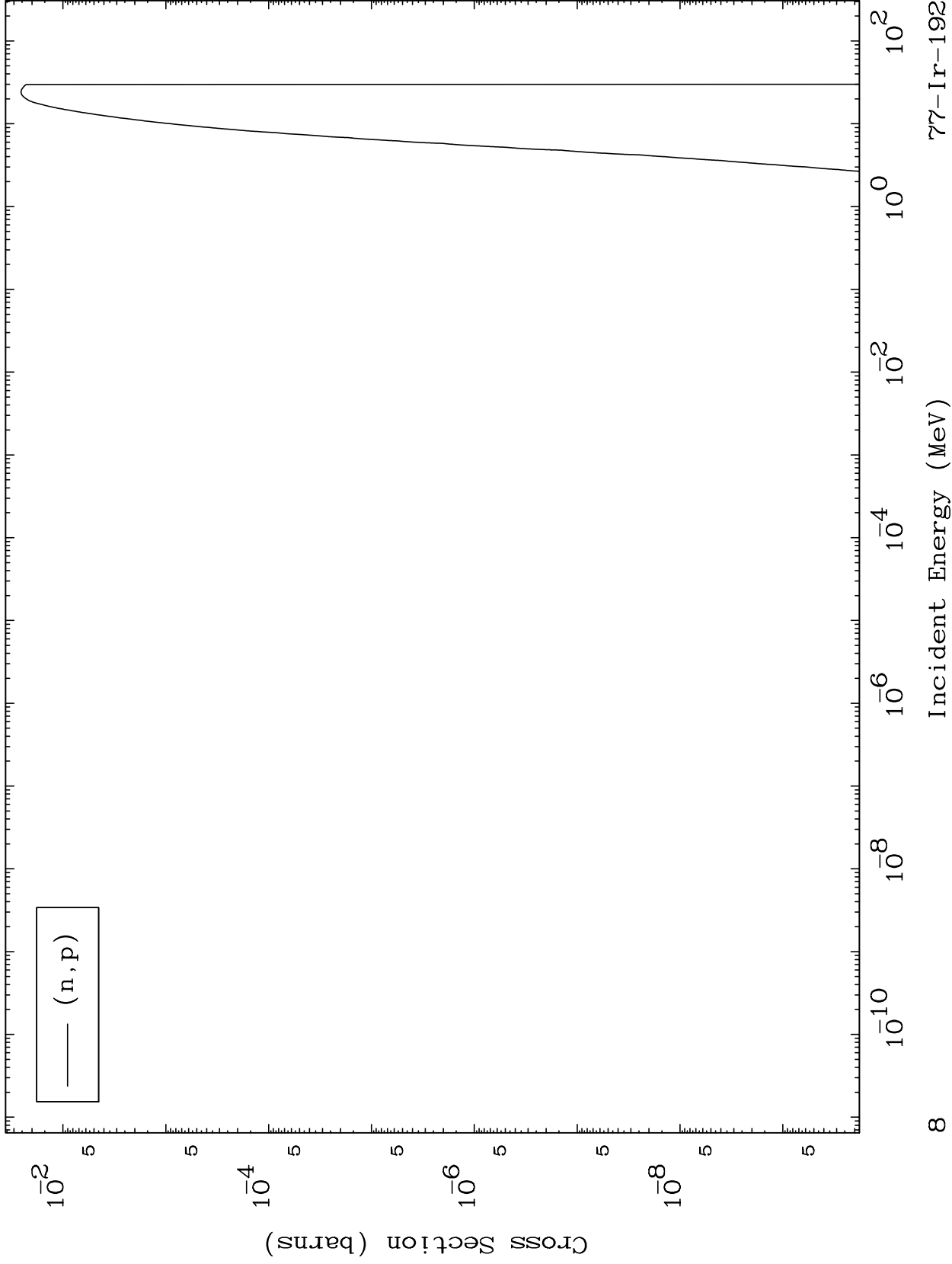
77-Ir-192



MAT 7730

(n,p) Levels
293 Kelvin Cross Sections

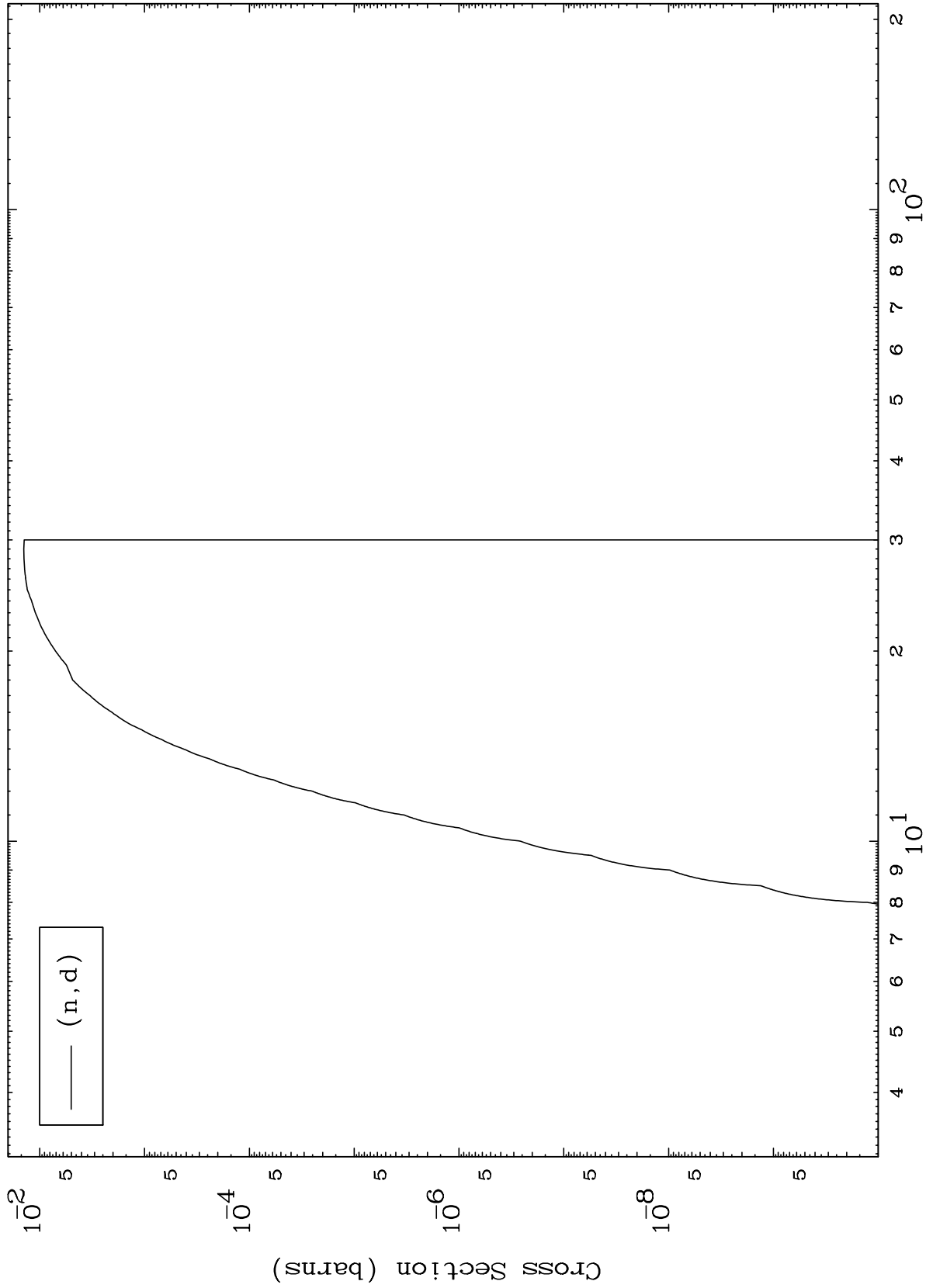
77-Ir-192



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(n,d) Levels
293 Kelvin Cross Sections

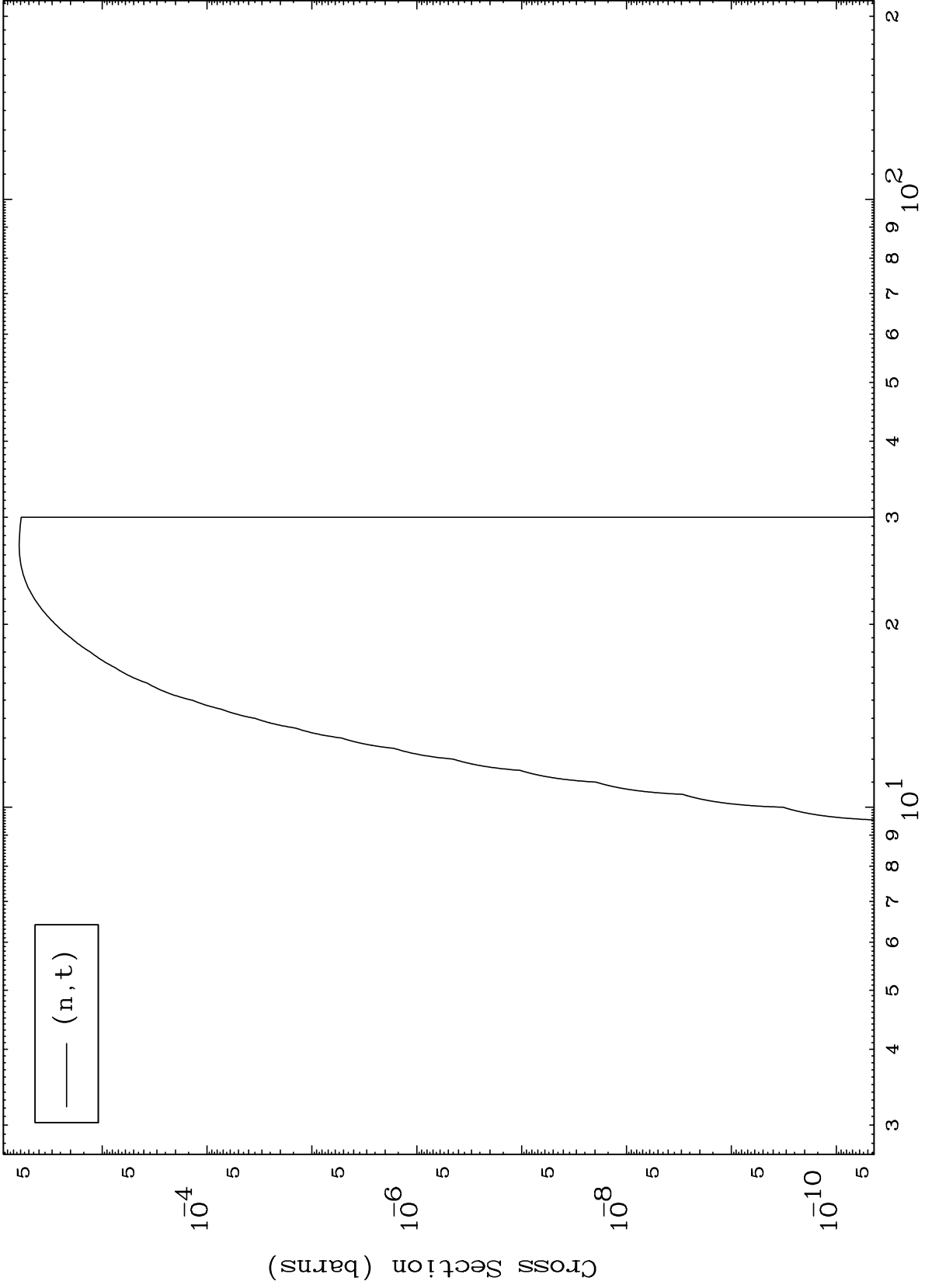
77-Ir-192



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(n,t) Levels
293 Kelvin Cross Sections

77-Ir-192



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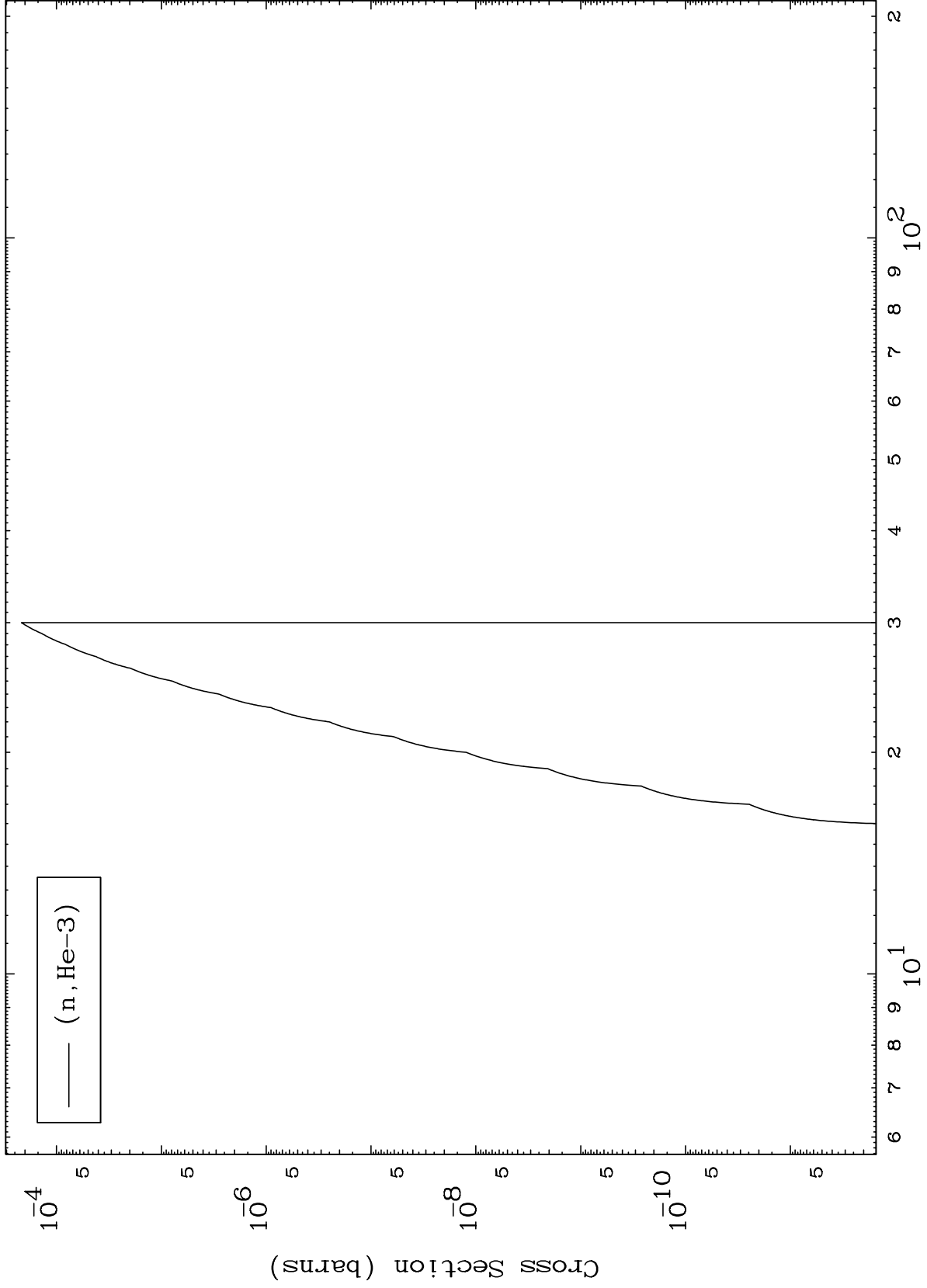
Incident Energy (MeV)

77-Ir-192

MAT 7730

(n,He3) Levels
293 Kelvin Cross Sections

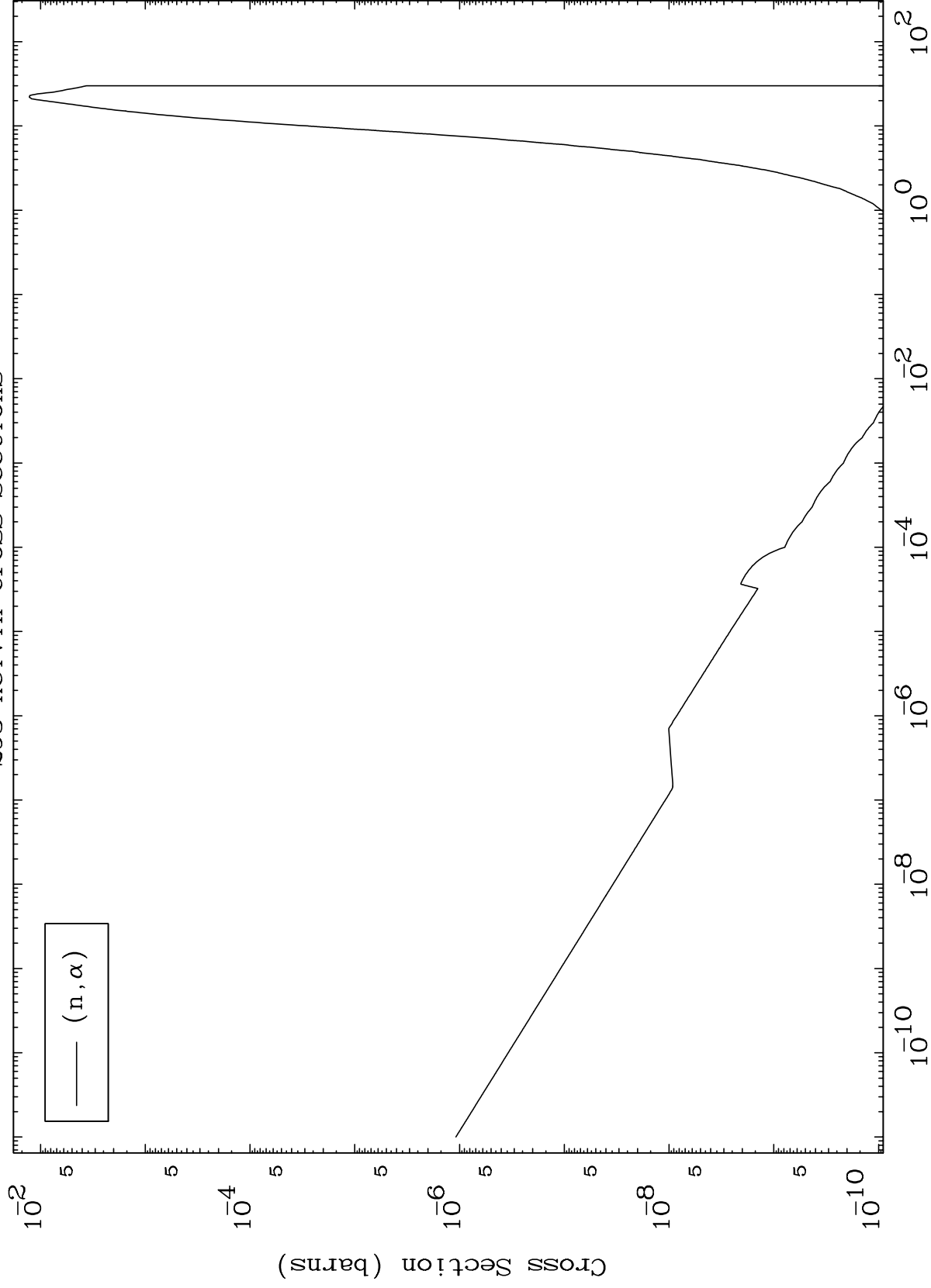
77-Ir-192



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(n, α) Levels
293 Kelvin Cross Sections

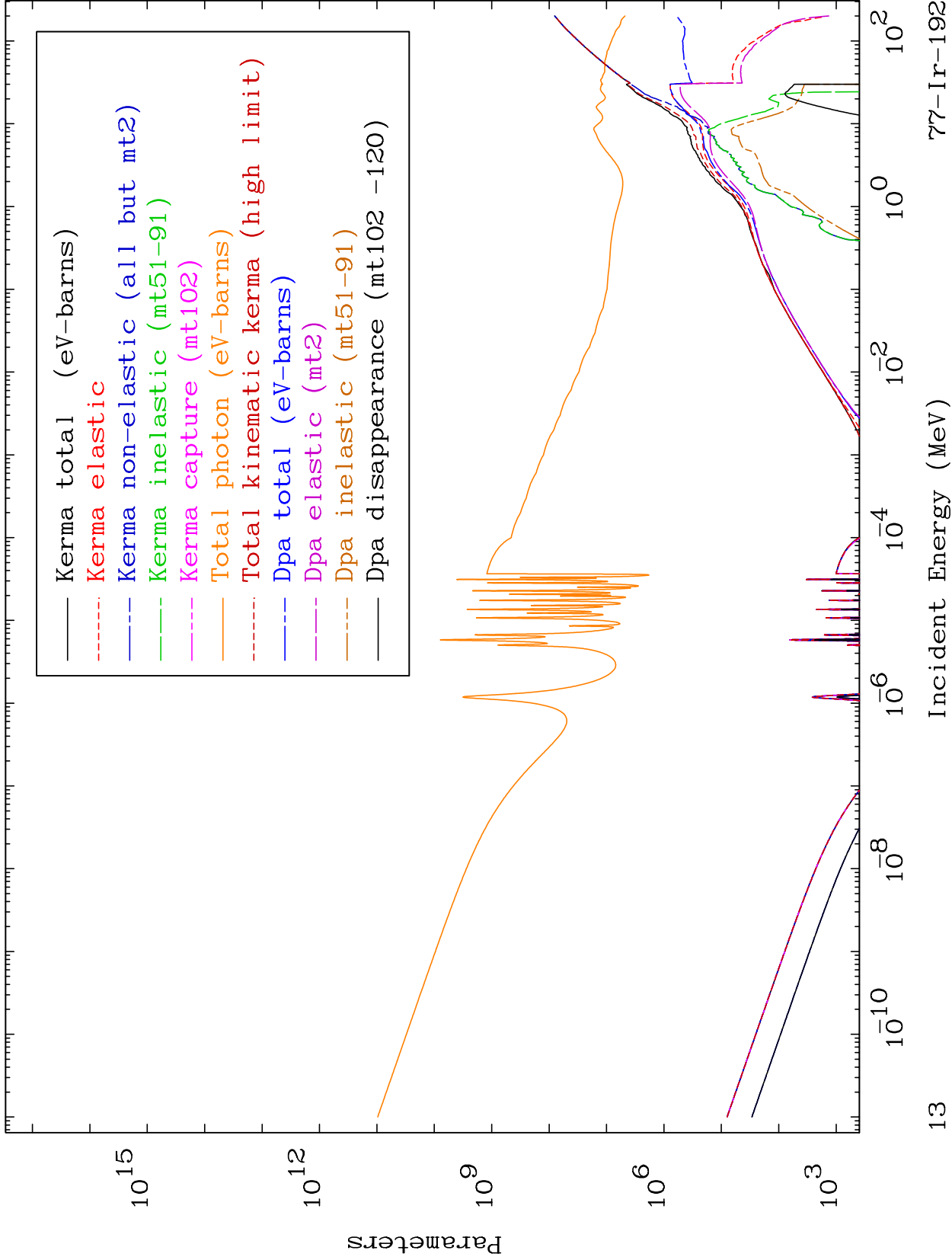
77-Ir-192

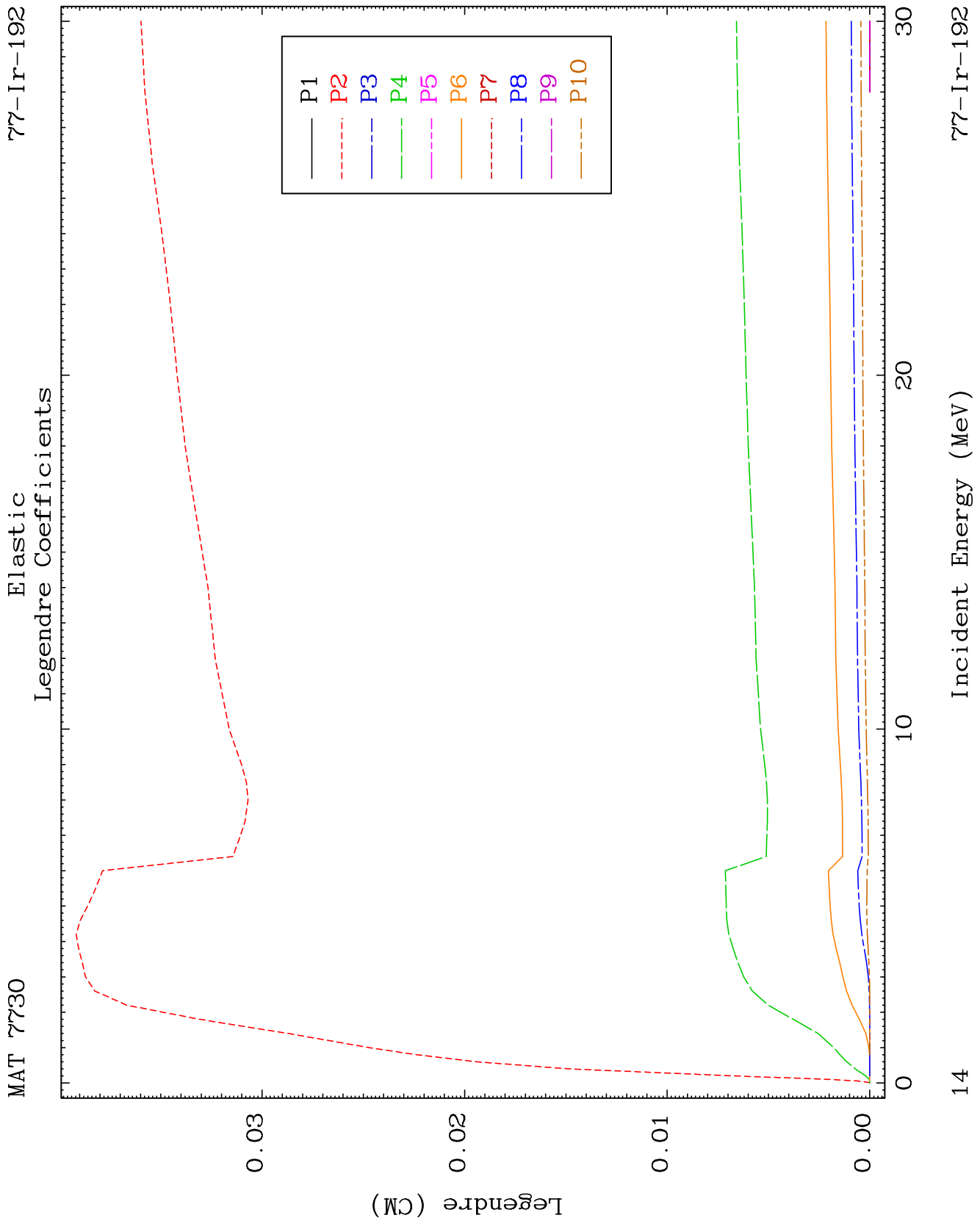


12

Incident Energy (MeV)

77-Ir-192

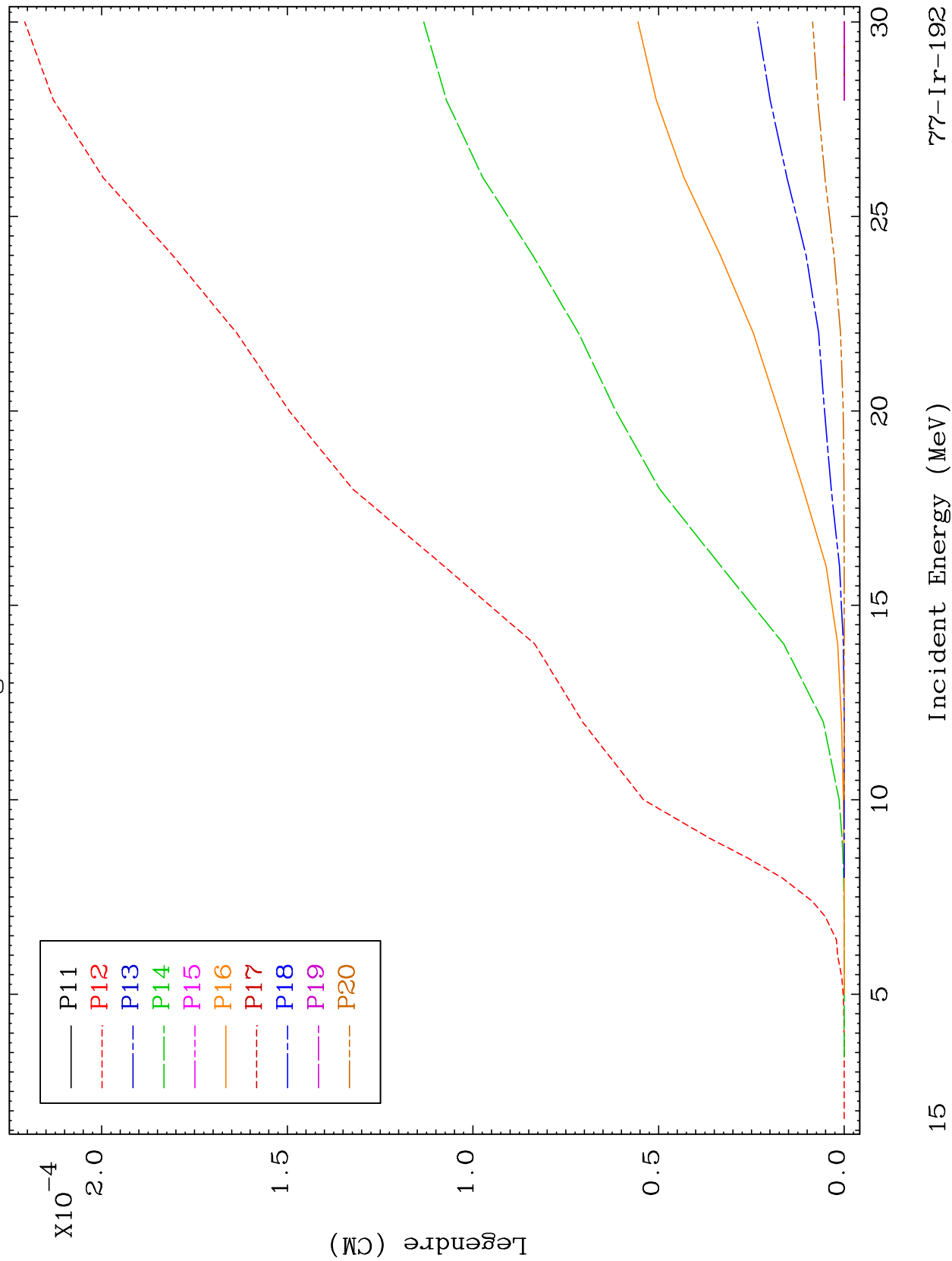




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Elastic Legendre Coefficients

77-Ir-192



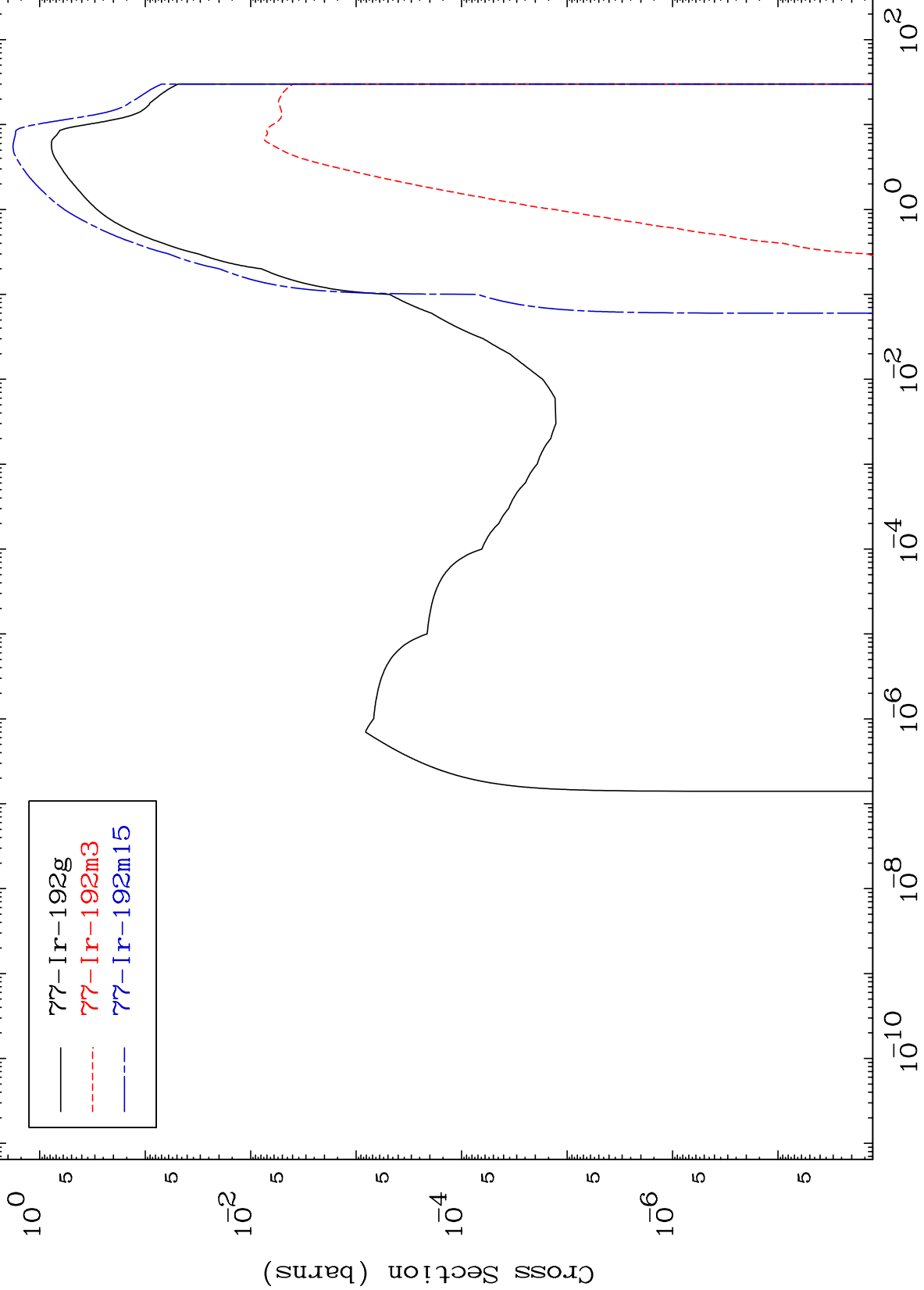
15

77-Ir-192

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Inelastic
Radionuclide Production Cross Section

⁷⁷Ir-192



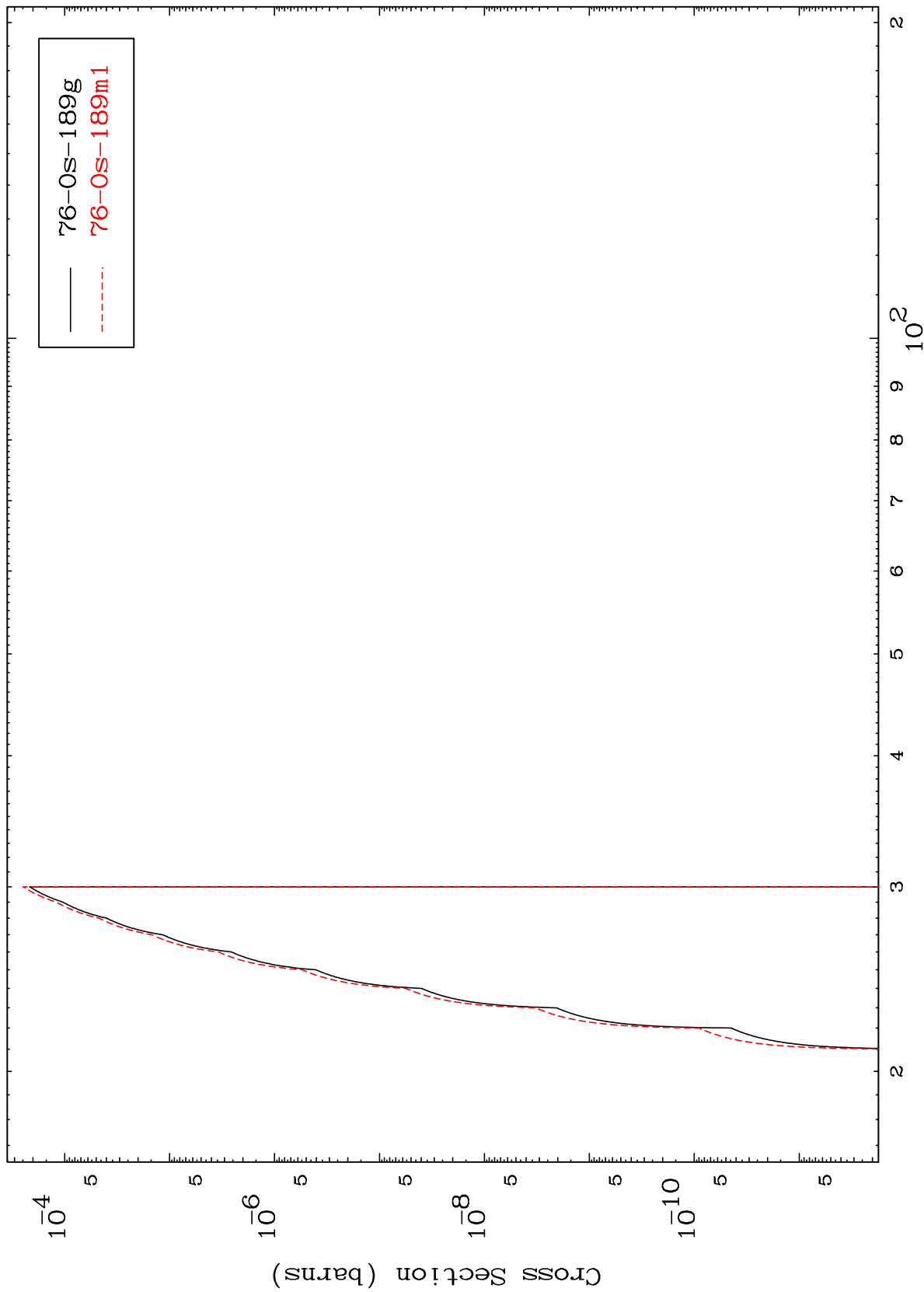
⁷⁷Ir-192

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(n,2n) d

77-Ir-192

Radionuclide Production Cross Section

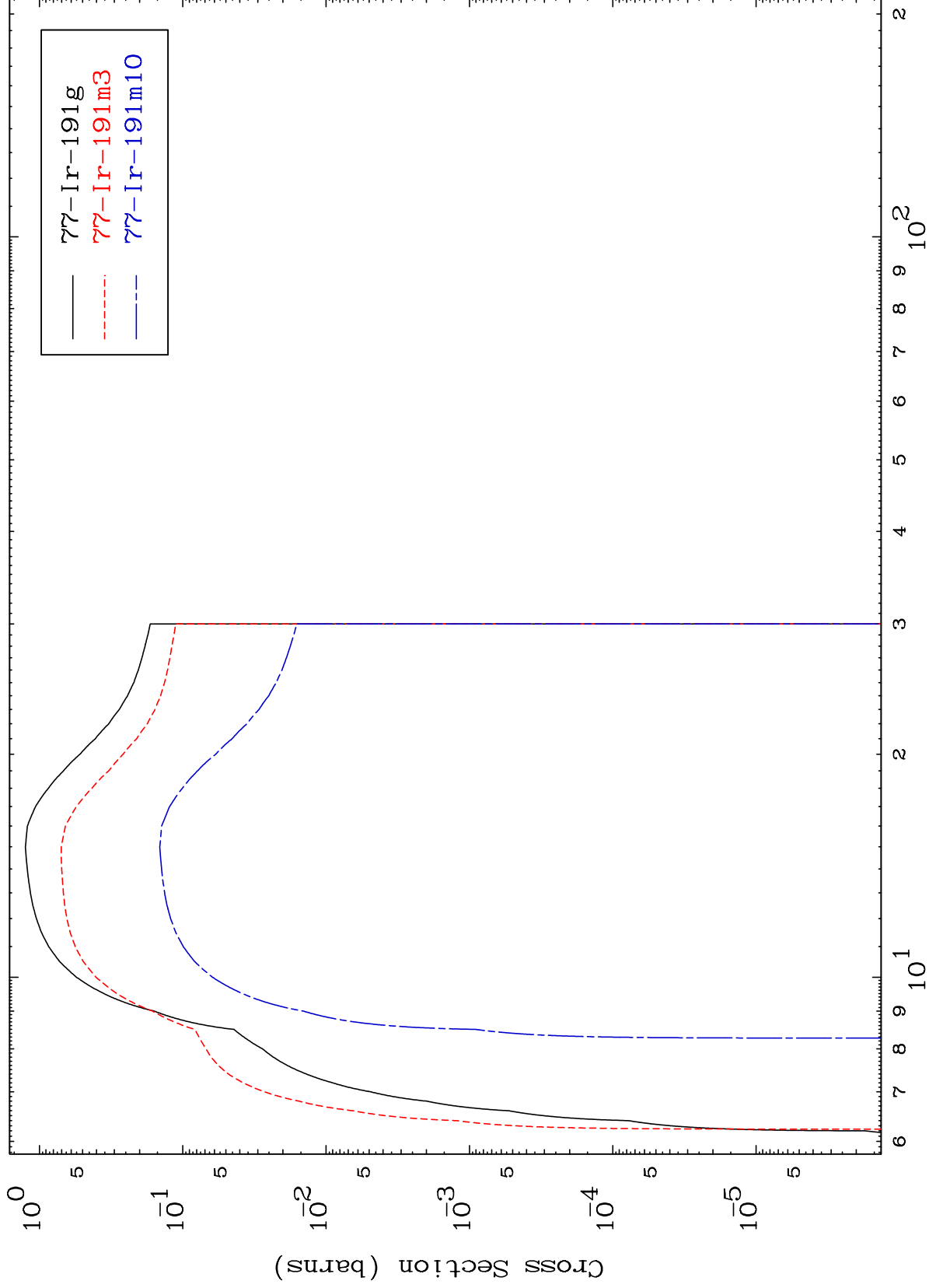


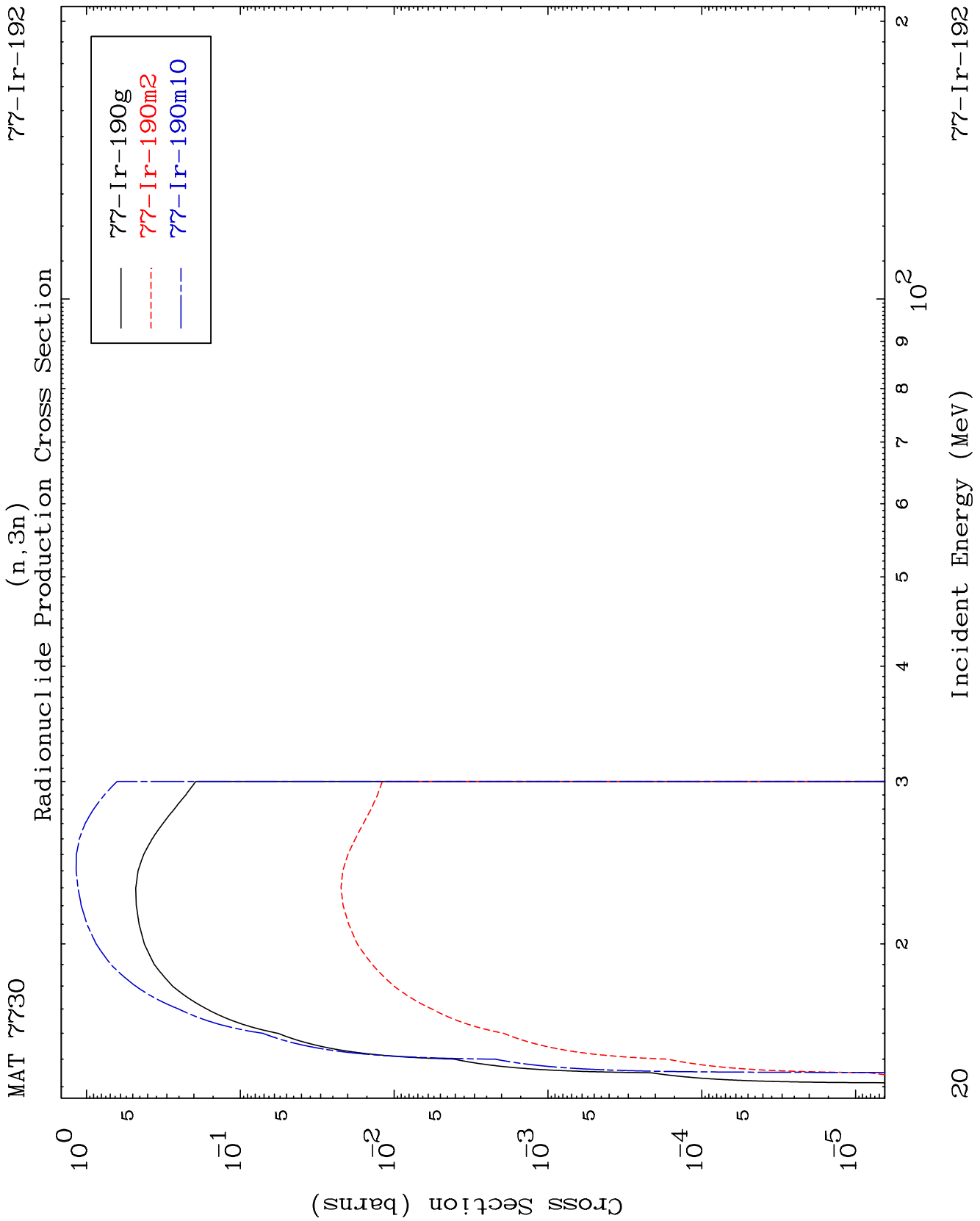
18

Incident Energy (MeV)

77-Ir-192

Radionuclide Production Cross Section



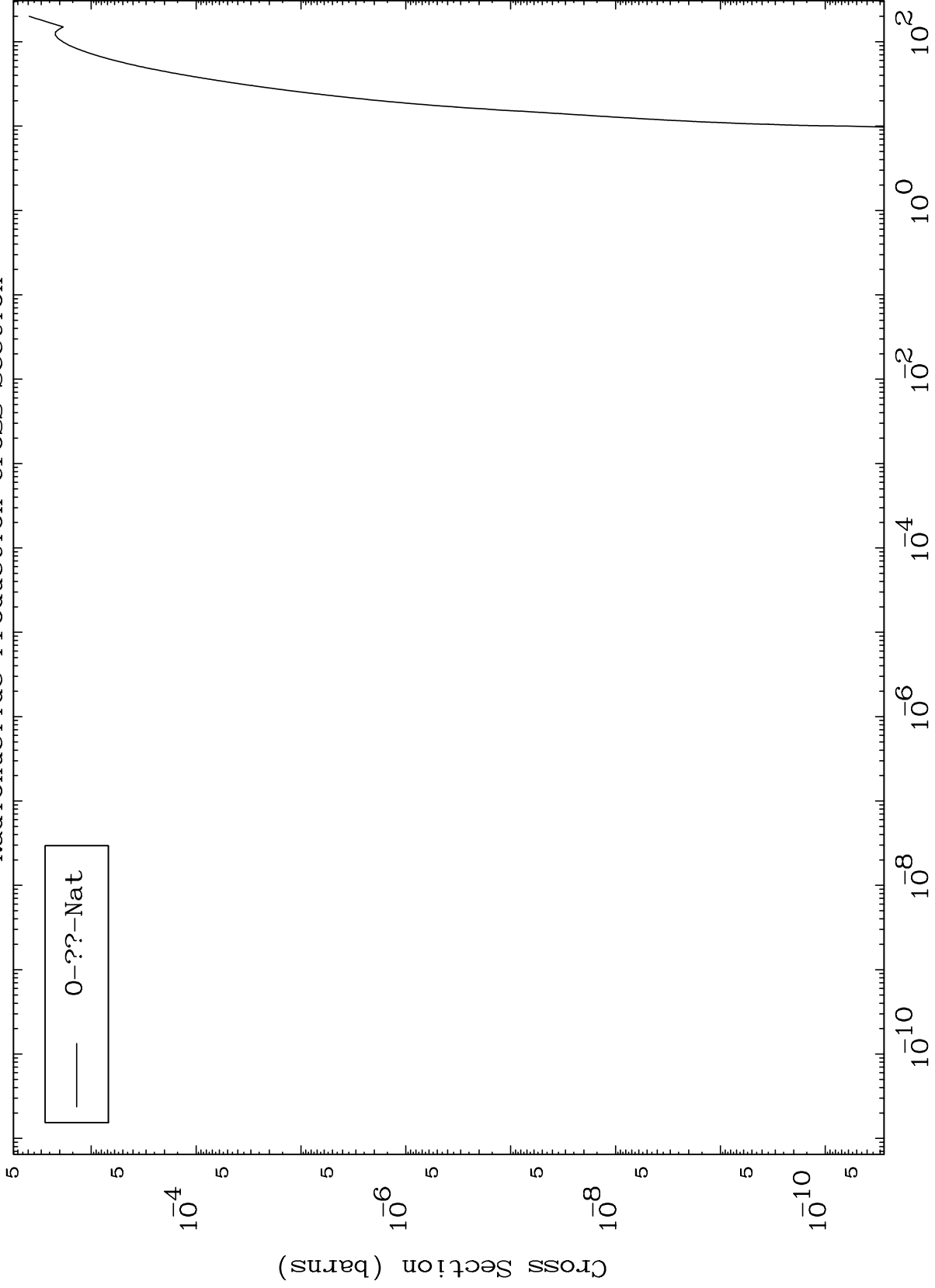


MAT 7730

Fission

⁷⁷Ir-192

Radionuclide Production Cross Section

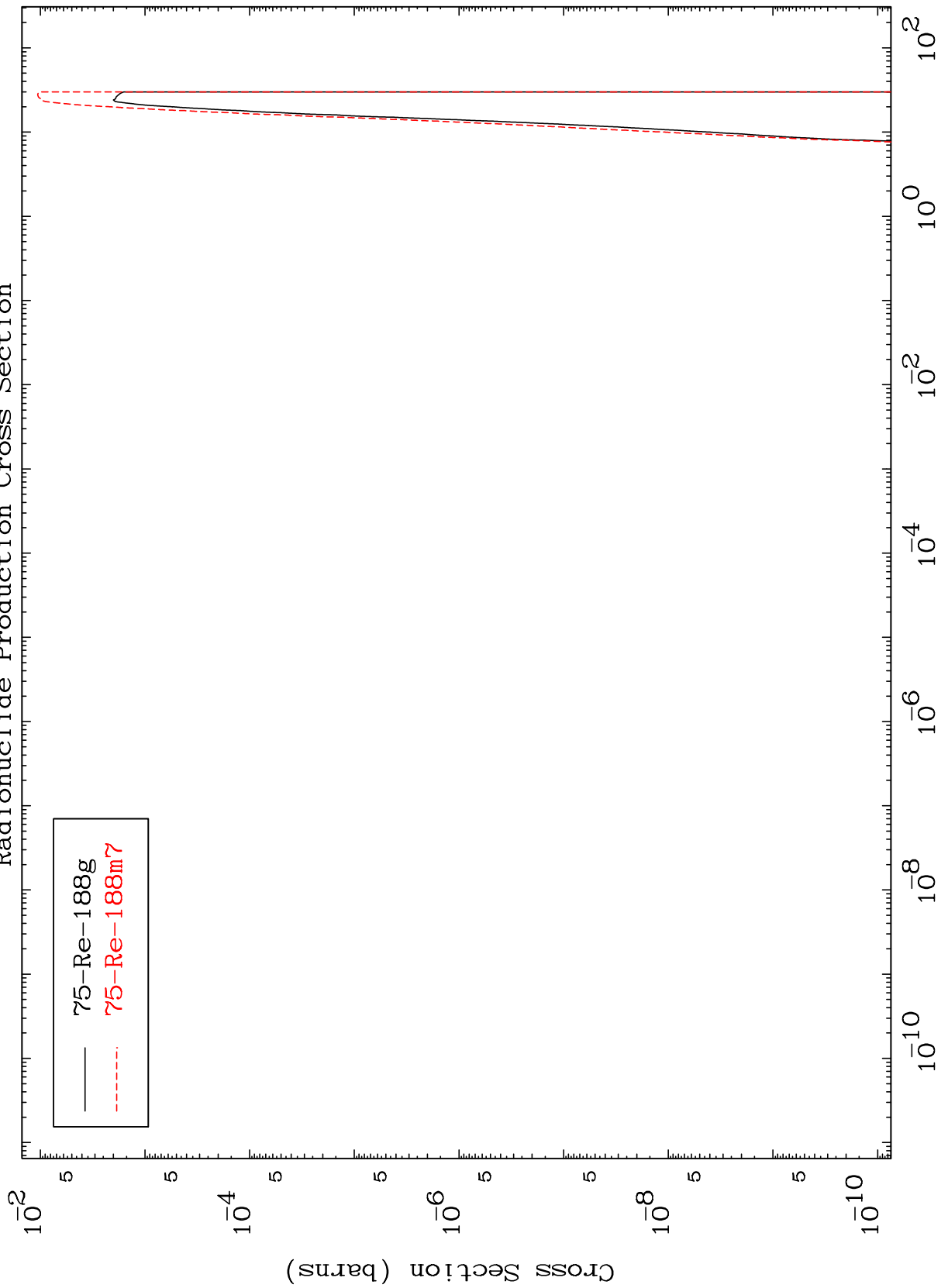


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$(n, n') \alpha$

$^{77}\text{Ir-192}$

Radionuclide Production Cross Section

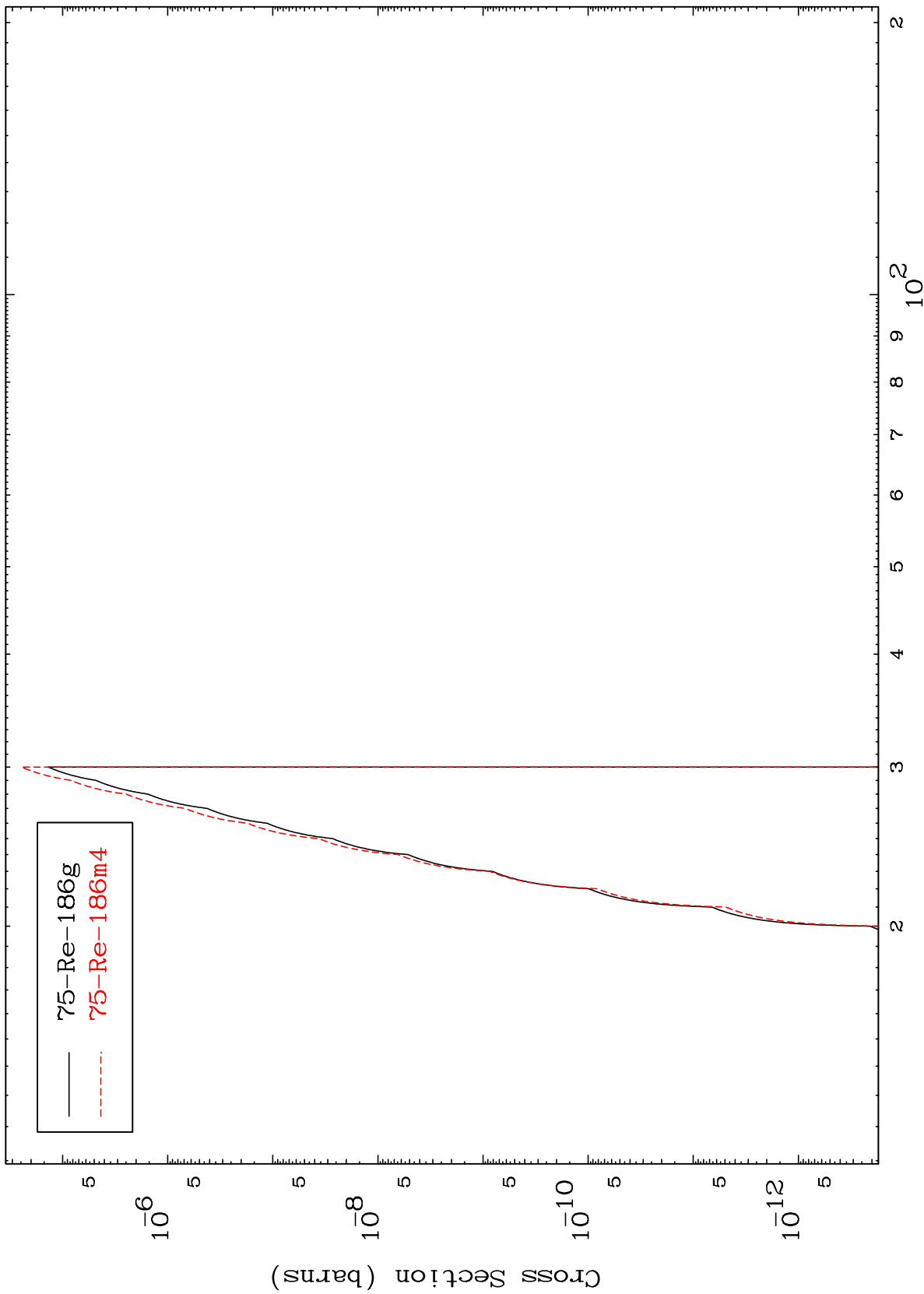


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(n,3n) α

77-Ir-192

Radionuclide Production Cross Section

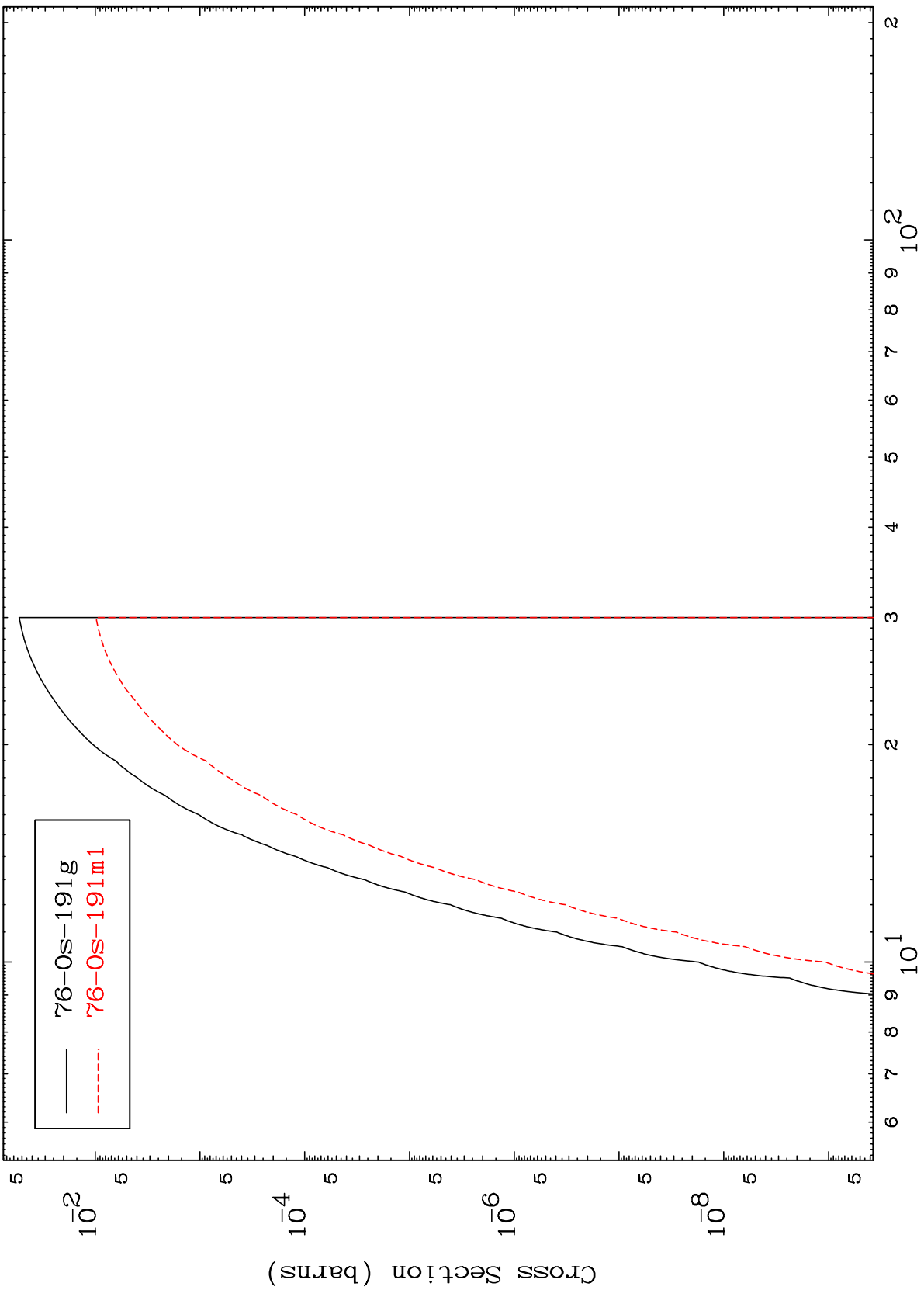


MAT 7730

(n, n') p

$^{77}\text{Ir-192}$

Radionuclide Production Cross Section



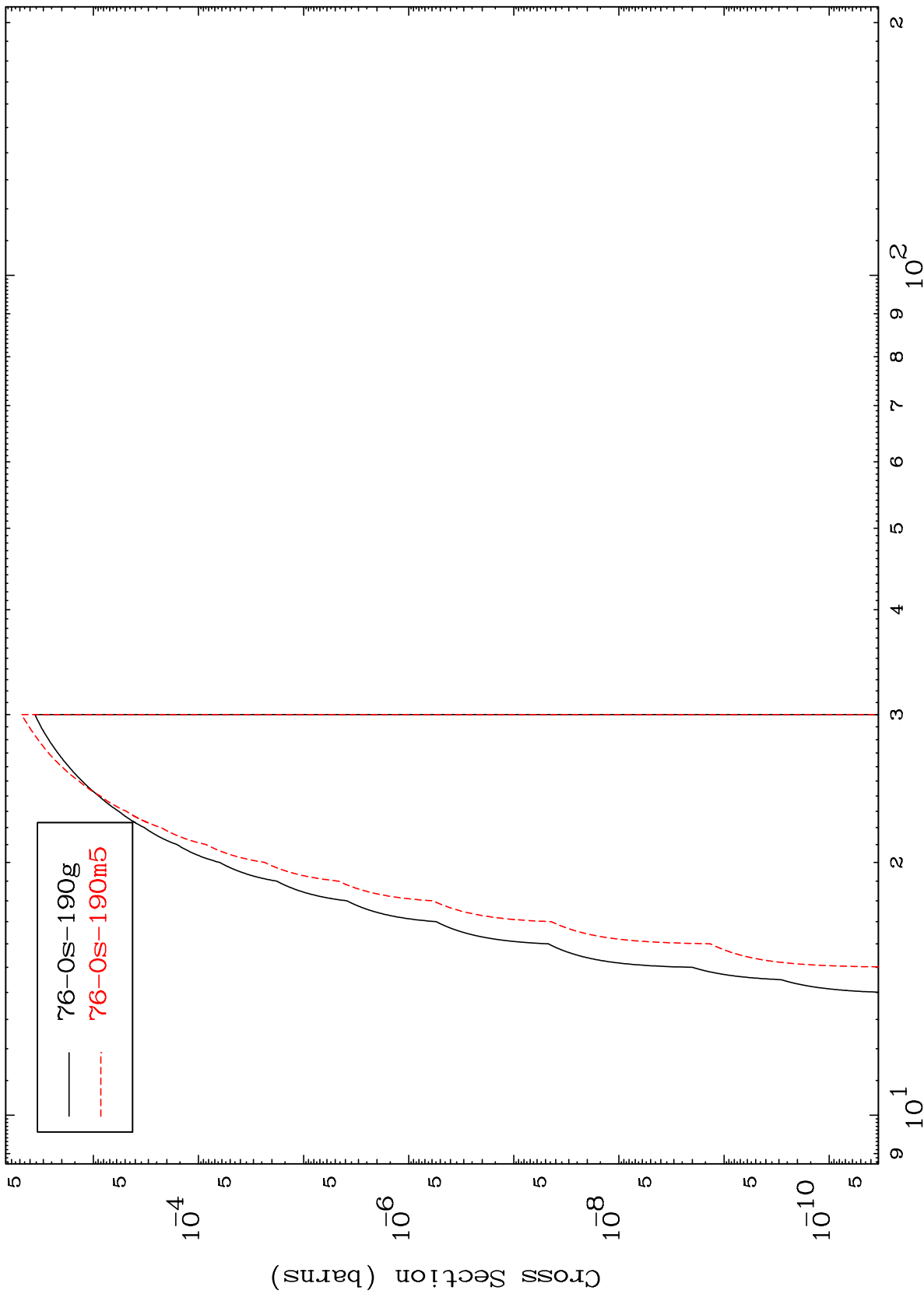
— 76-Os-191g
- - - 76-Os-191m1

MAT 7730

(n,n') d

77-Ir-192

Radionuclide Production Cross Section

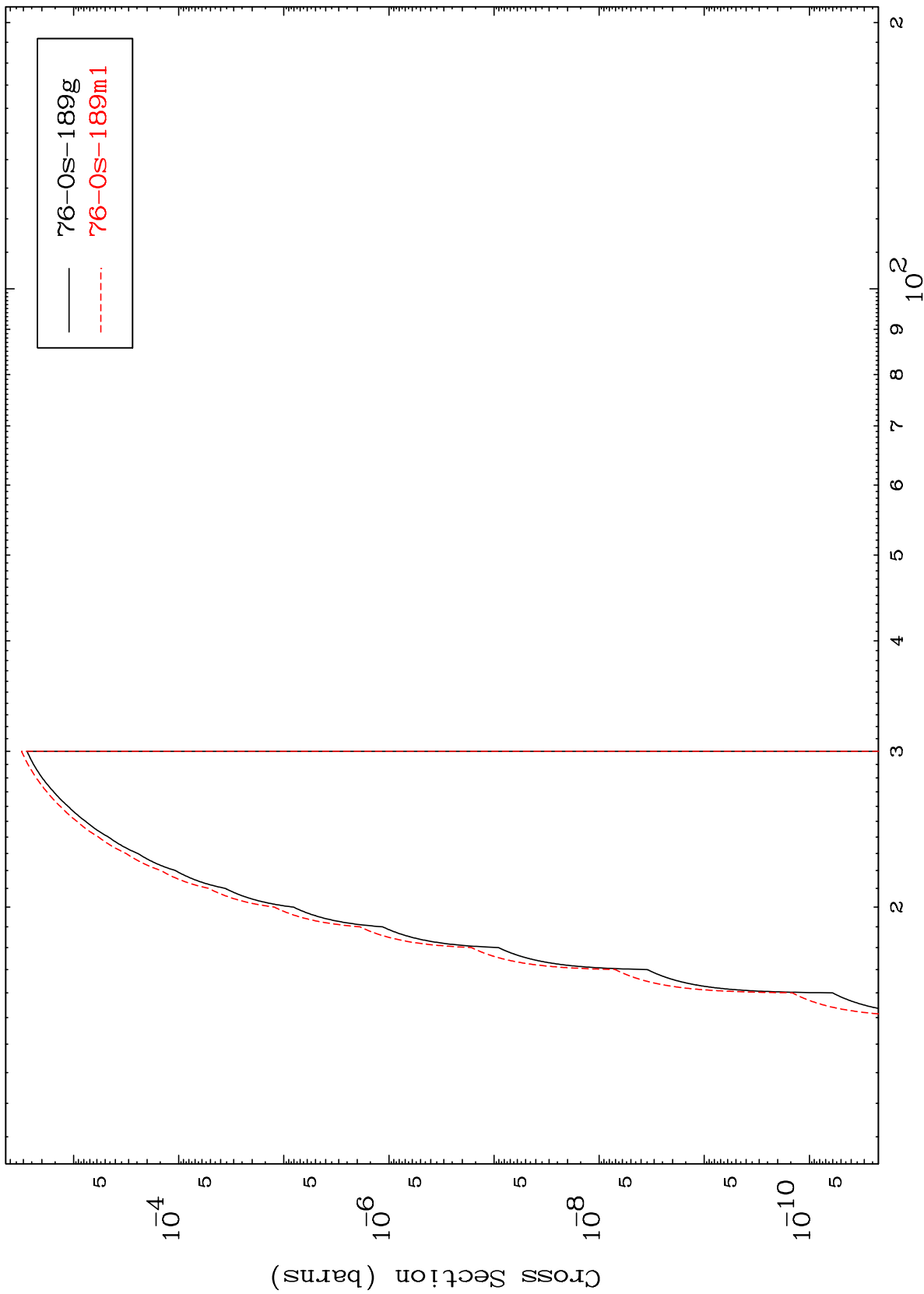


Incident Energy (MeV)

77-Ir-192

25

Radionuclide Production Cross Section

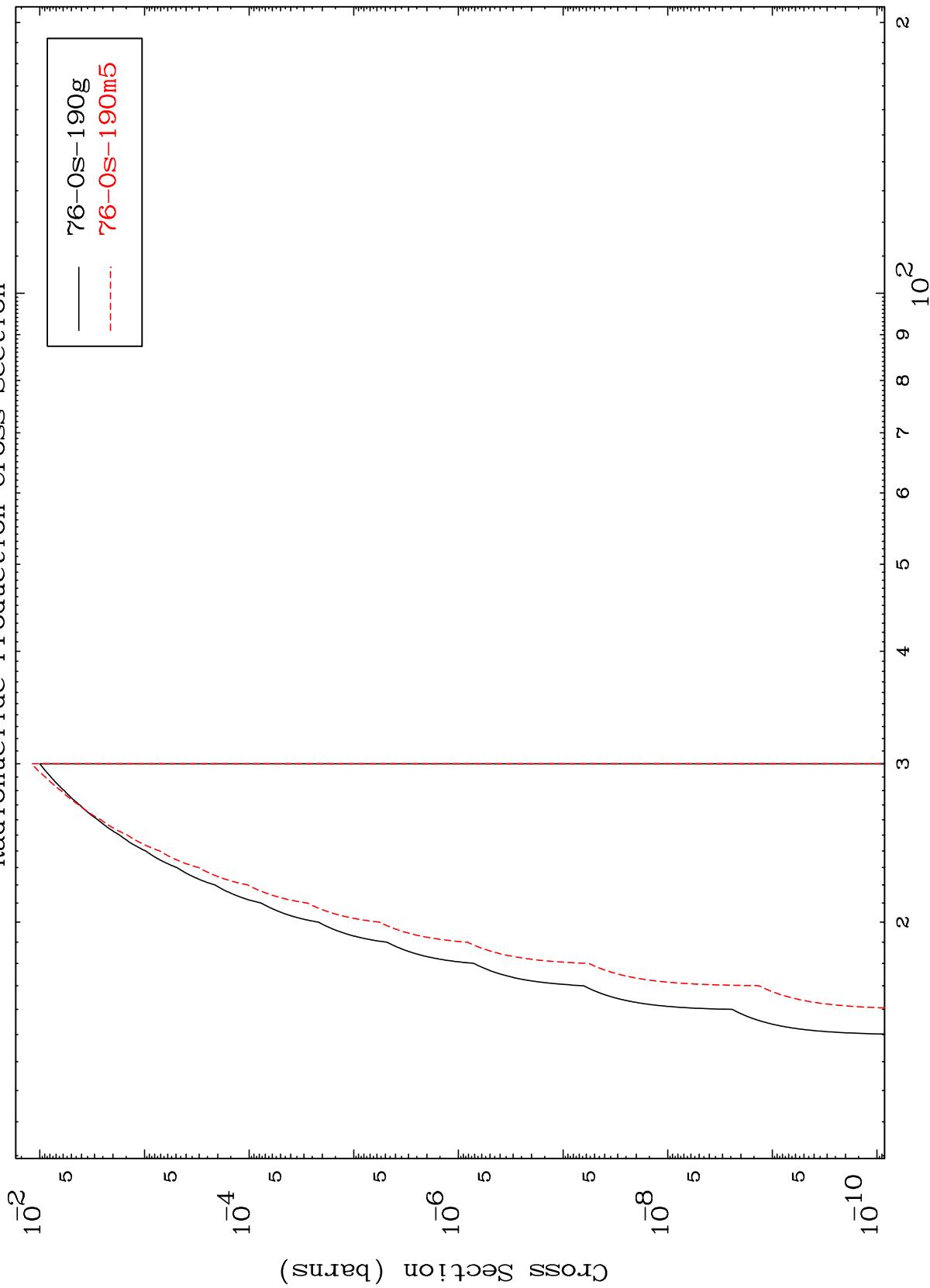


MAT 7730

(n,2n) p

77-Ir-192

Radionuclide Production Cross Section



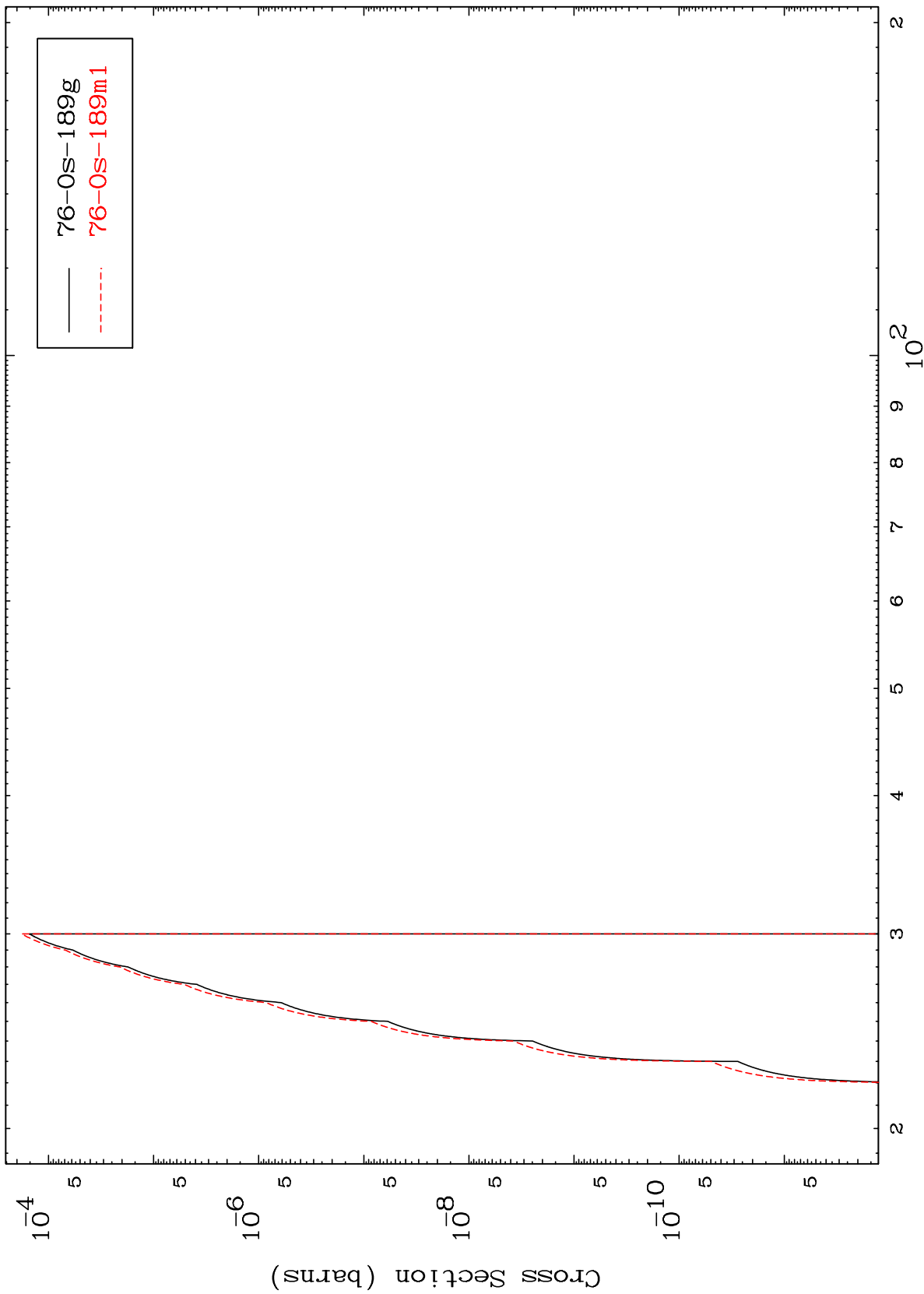
76-Os-190g
76-Os-190m5

MAT 7730

(n,3n) p

77-Ir-192

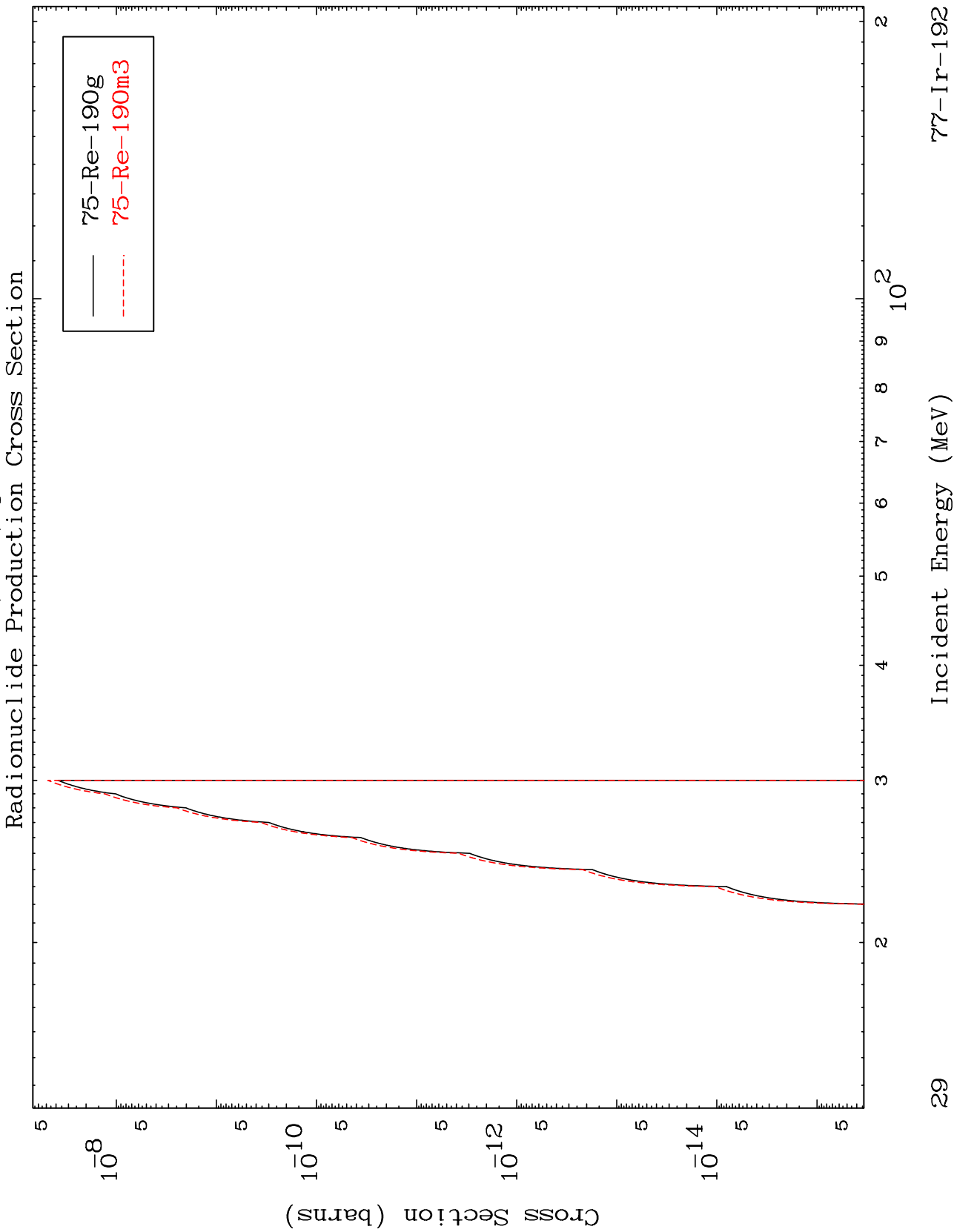
Radionuclide Production Cross Section



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Incident Energy (MeV)

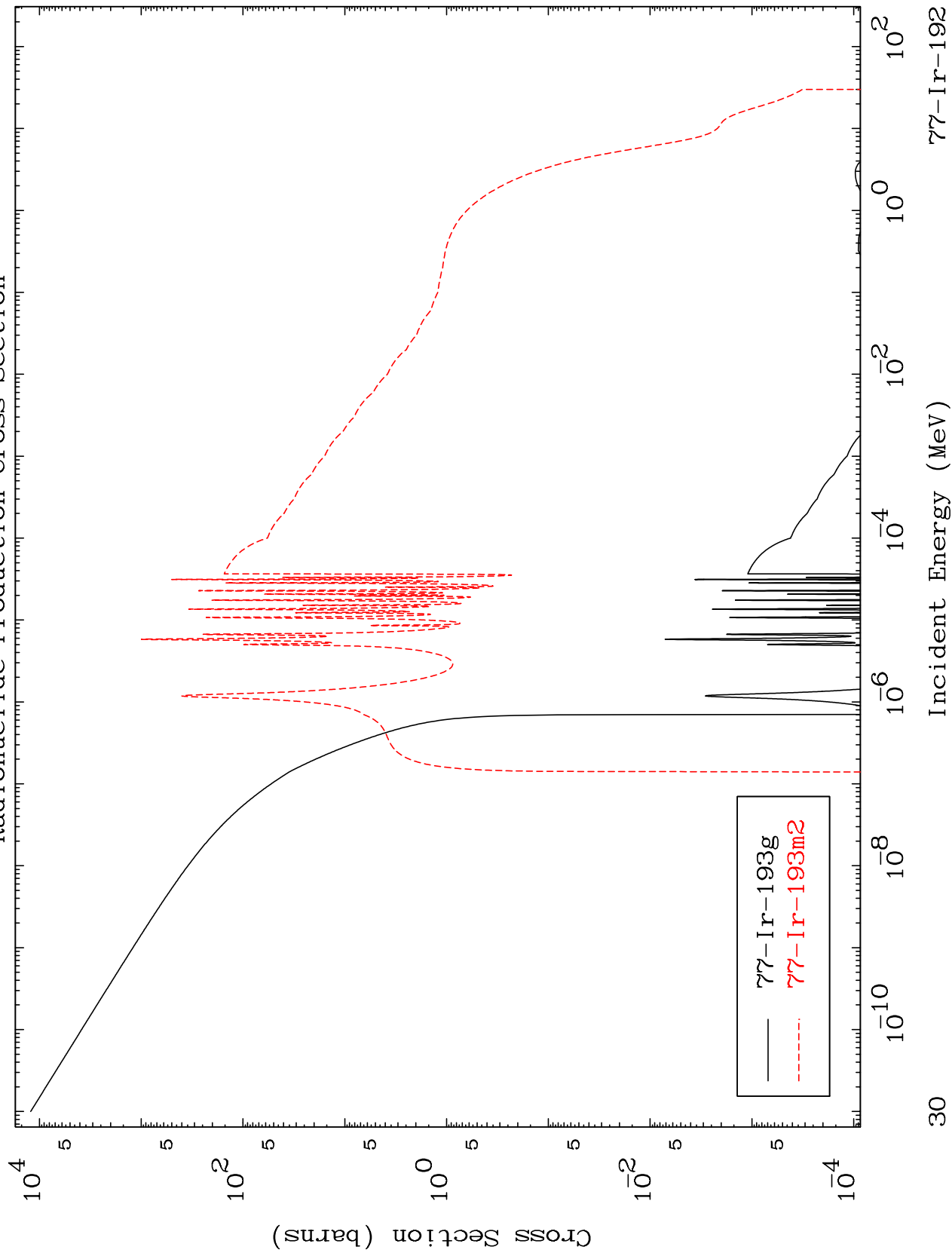
77-Ir-192



MAT 7730

⁷⁷Ir-192

(n,γ)
Radionuclide Production Cross Section

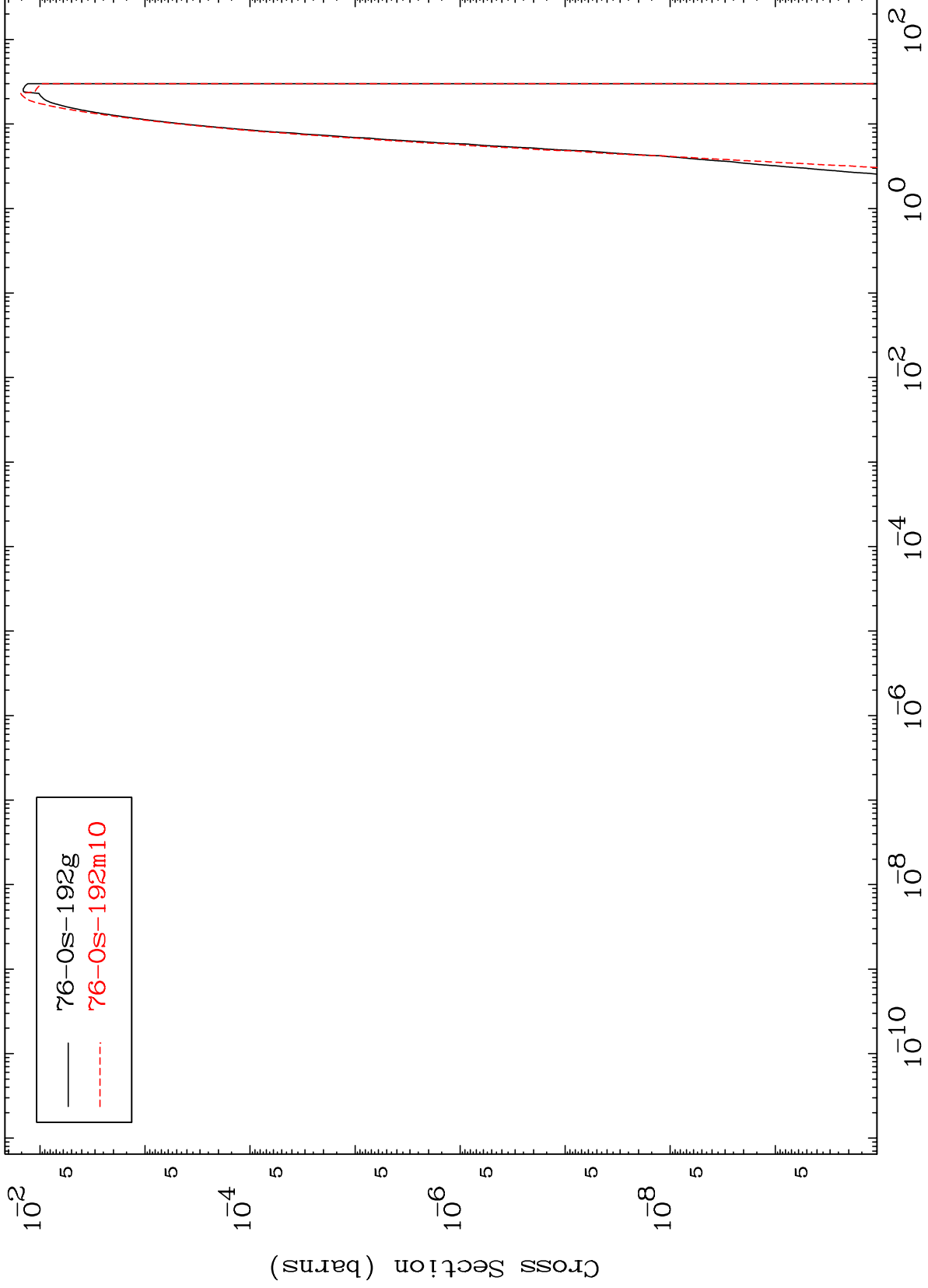


MAT 7730

(n,p)

⁷⁷Ir-192

Radionuclide Production Cross Section



31

Incident Energy (MeV)

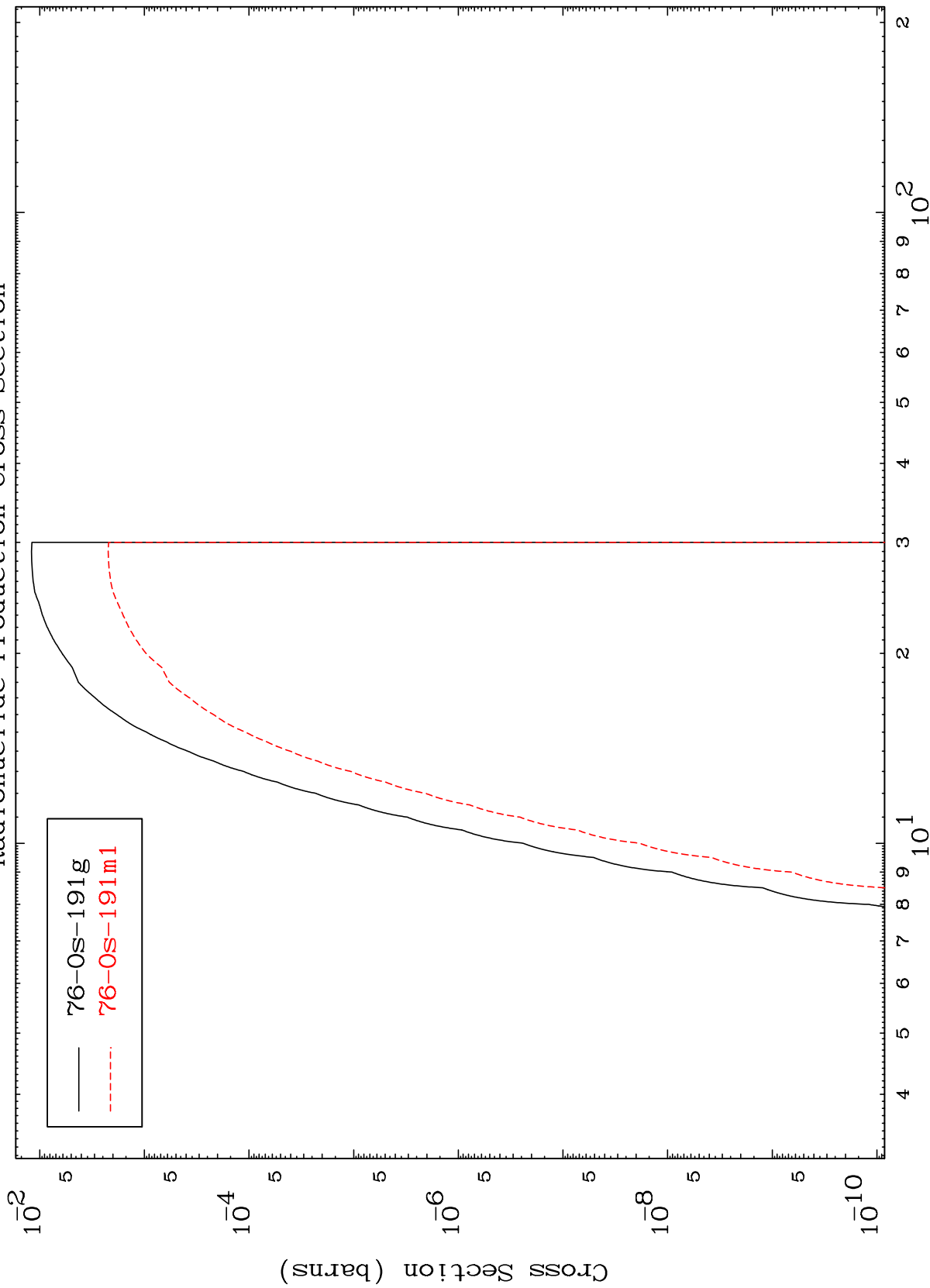
⁷⁷Ir-192

MAT 7730

(n,d)

⁷⁷Ir-192

Radionuclide Production Cross Section



Incident Energy (MeV)

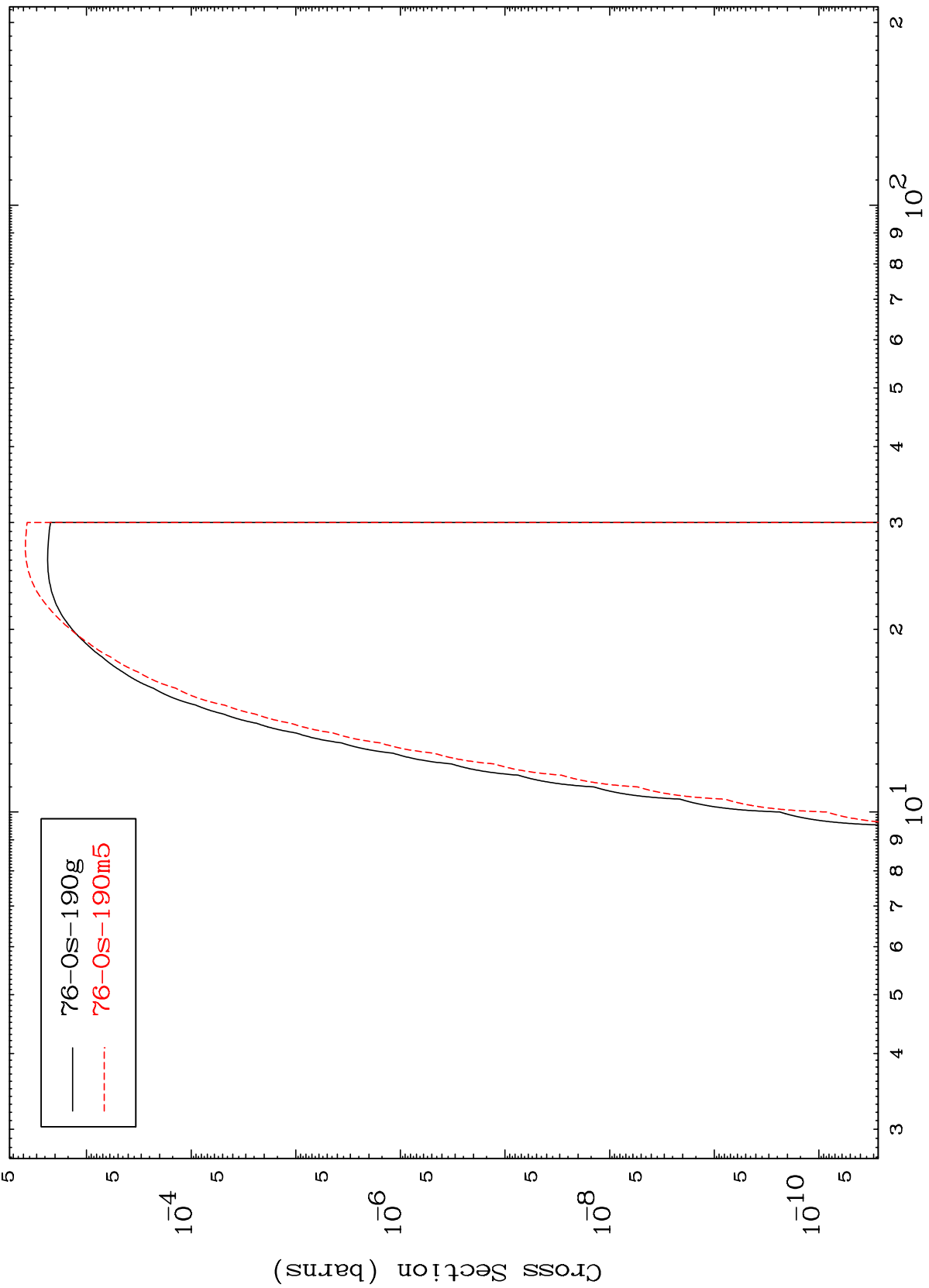
⁷⁷Ir-192

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⁷⁷Ir-192

(n, t)
Radionuclide Production Cross Section



33

Incident Energy (MeV)

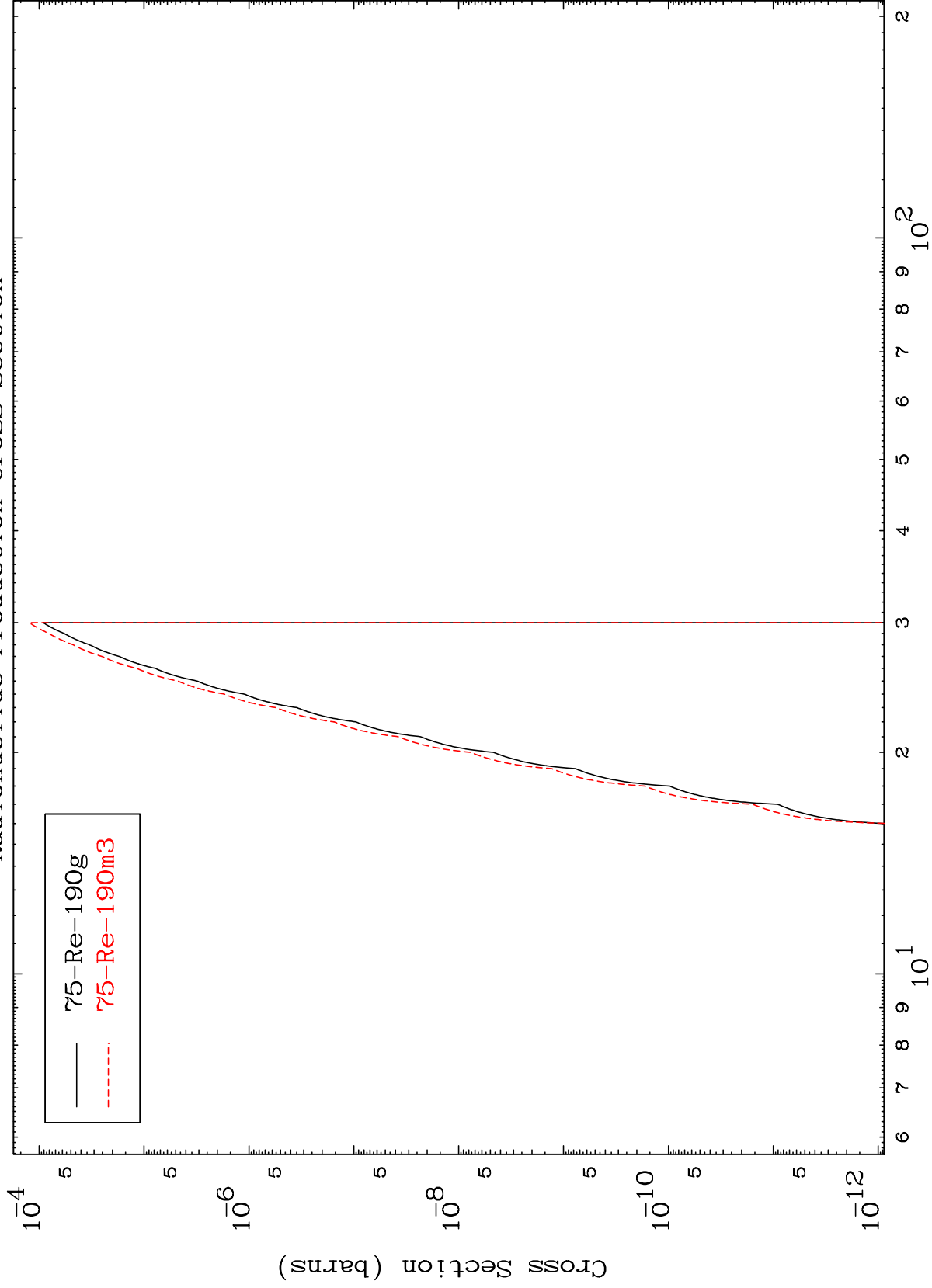
⁷⁷Ir-192

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(n,He-3)

77-Ir-192

Radionuclide Production Cross Section



34

Incident Energy (MeV)

77-Ir-192