

Program EVALPLOT
(Version 2021-1)

by

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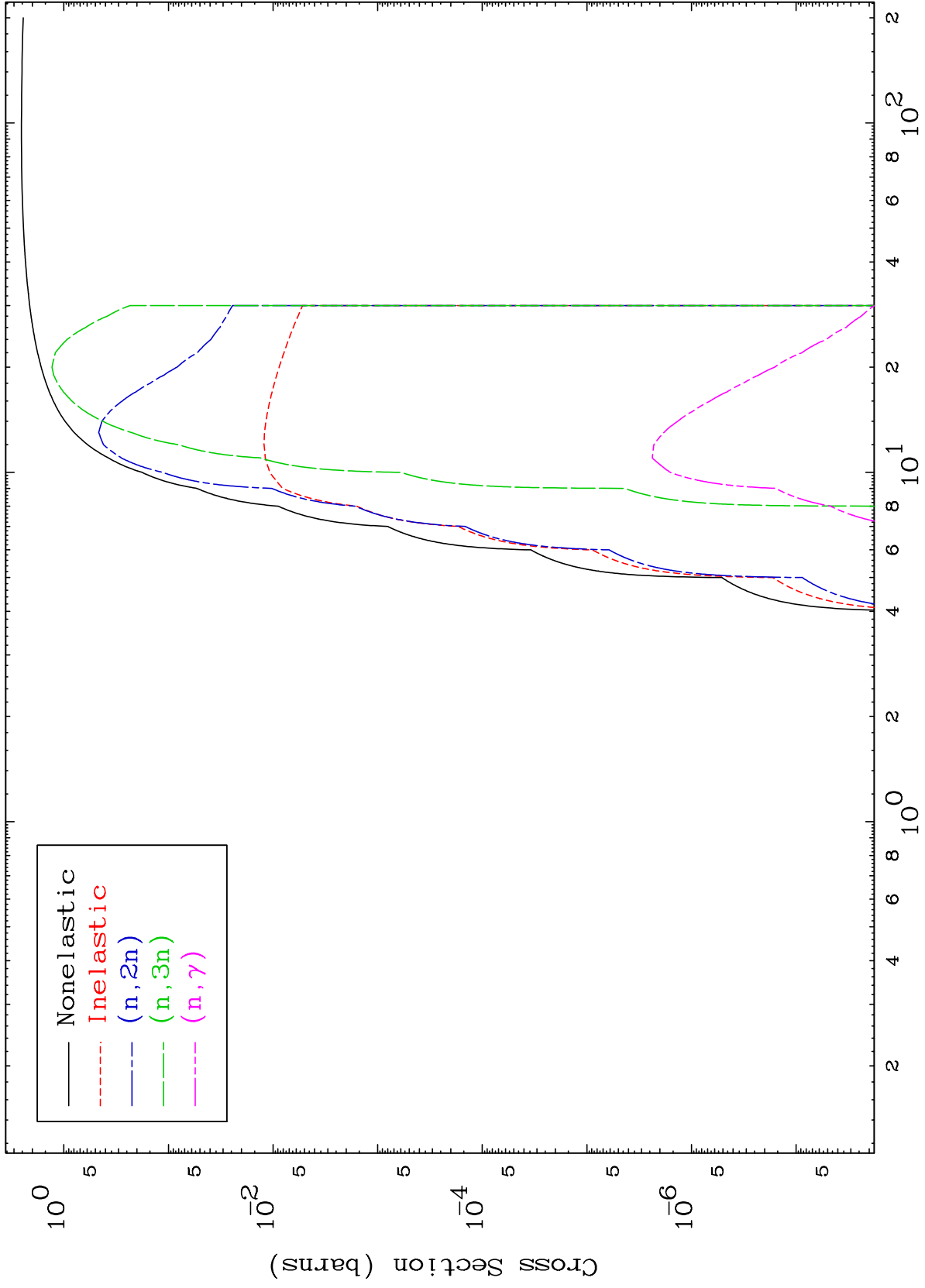
Press Mouse Button to Start

MAT 7730

Triton Major

⁷⁷Ir-192n

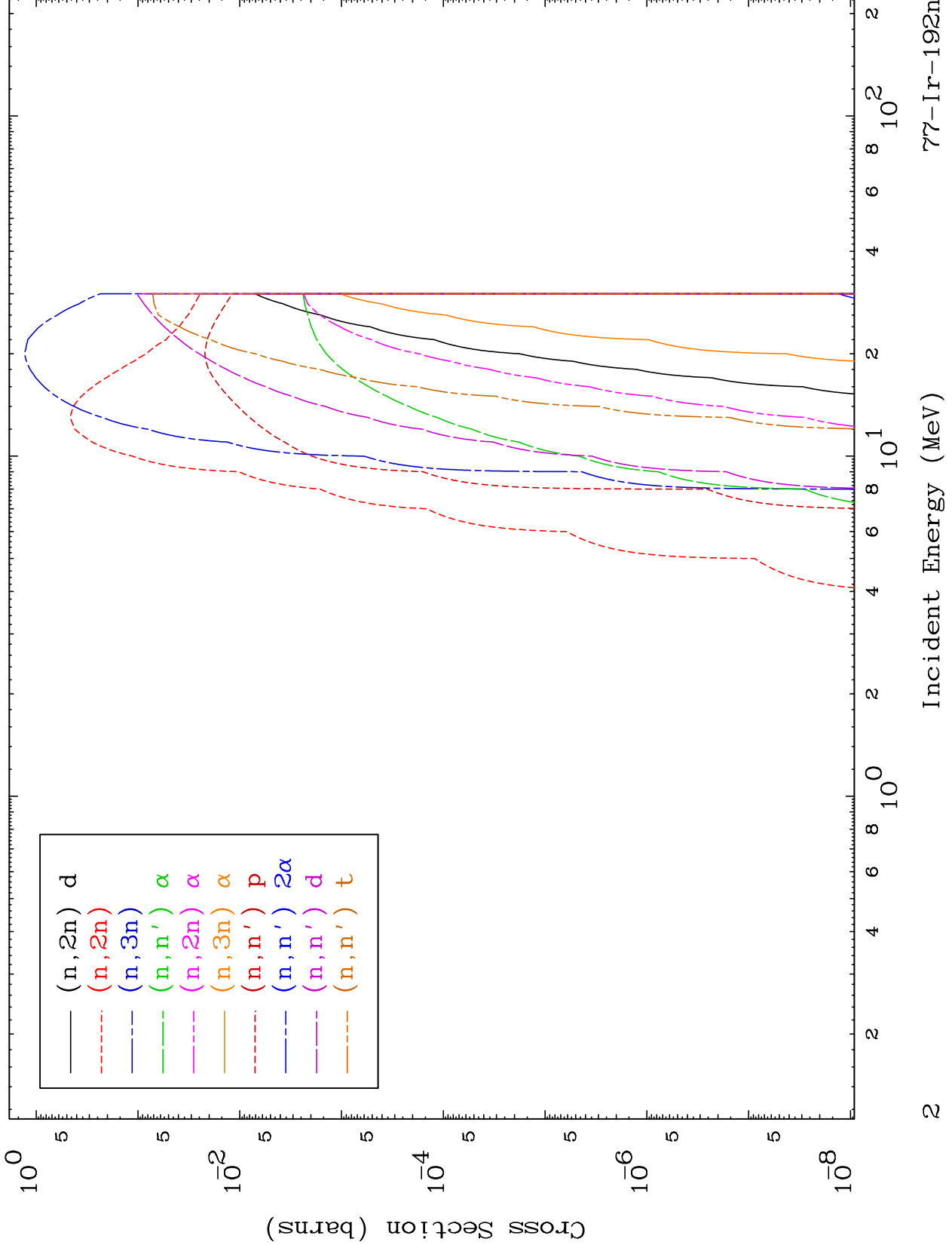
0 Kelvin Cross Sections



MAT 7730

Triton Neutron Absorption
0 Kelvin Cross Sections

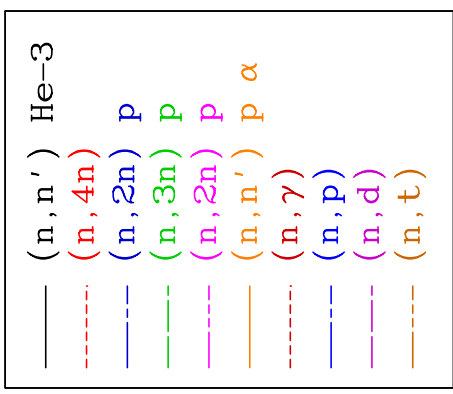
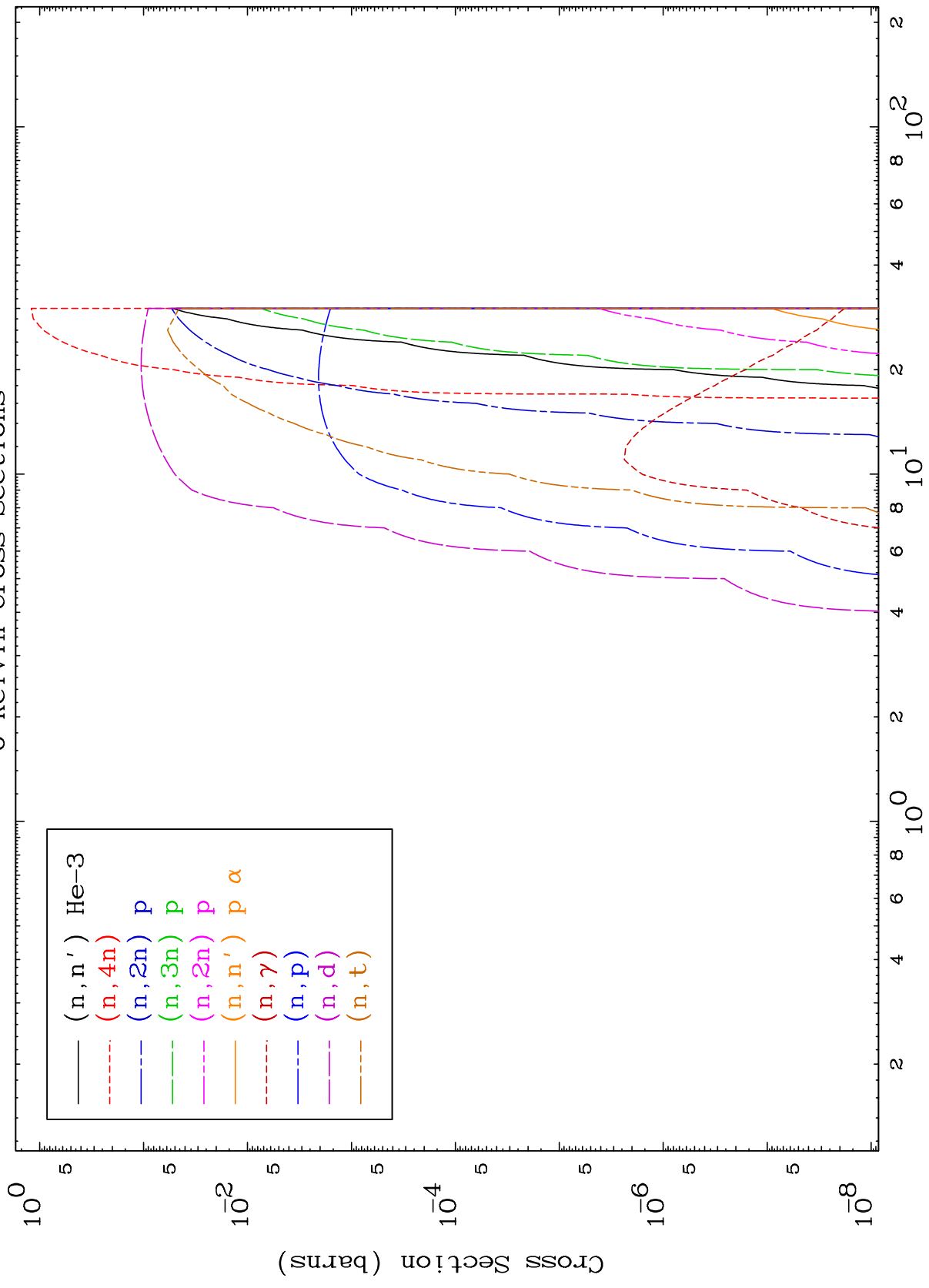
77-Ir-192n



MAT 7730

Triton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-192n



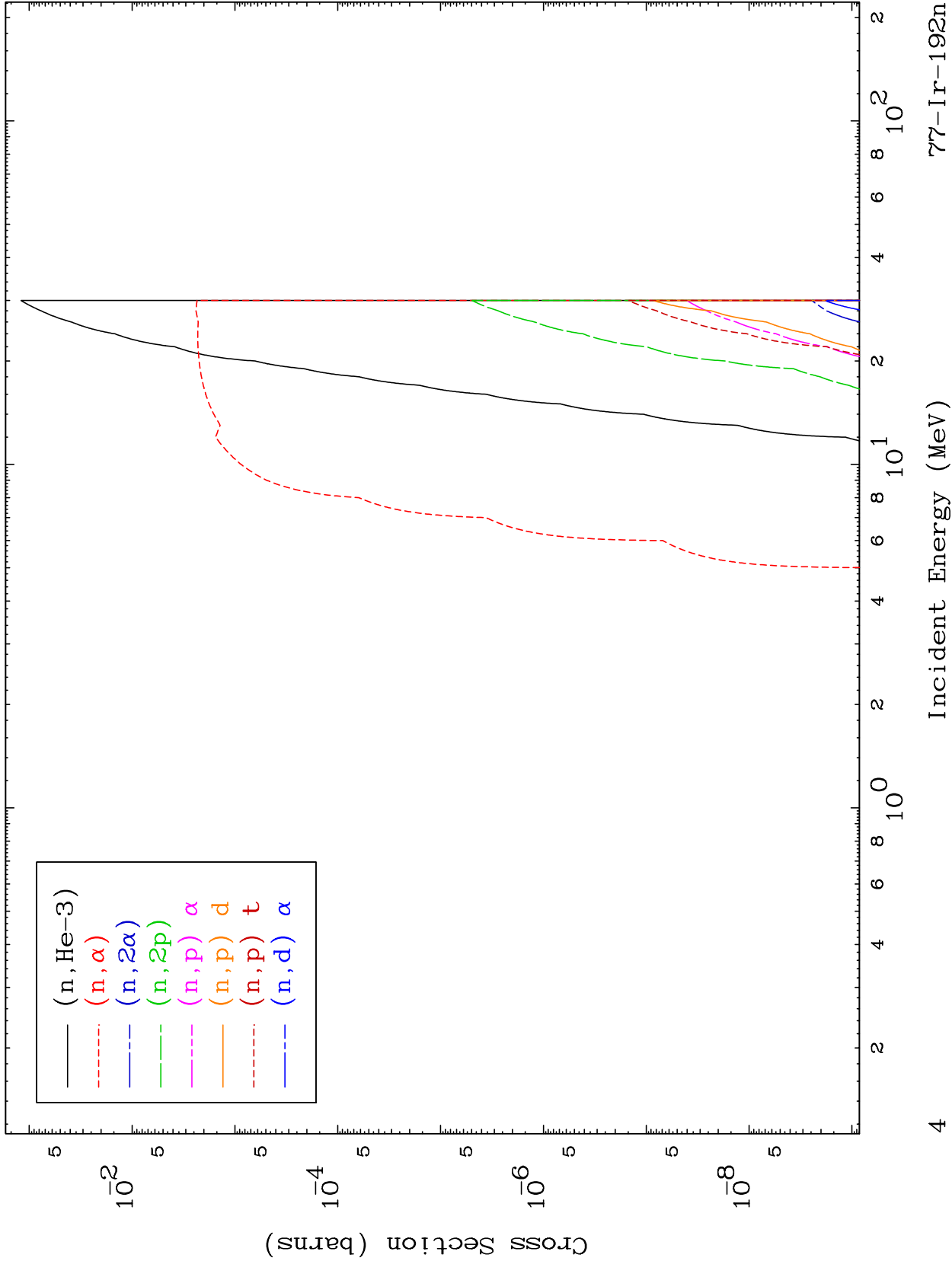
77-Ir-192n

Incident Energy (MeV)

MAT 7730

Triton Neutron Absorption
0 Kelvin Cross Sections

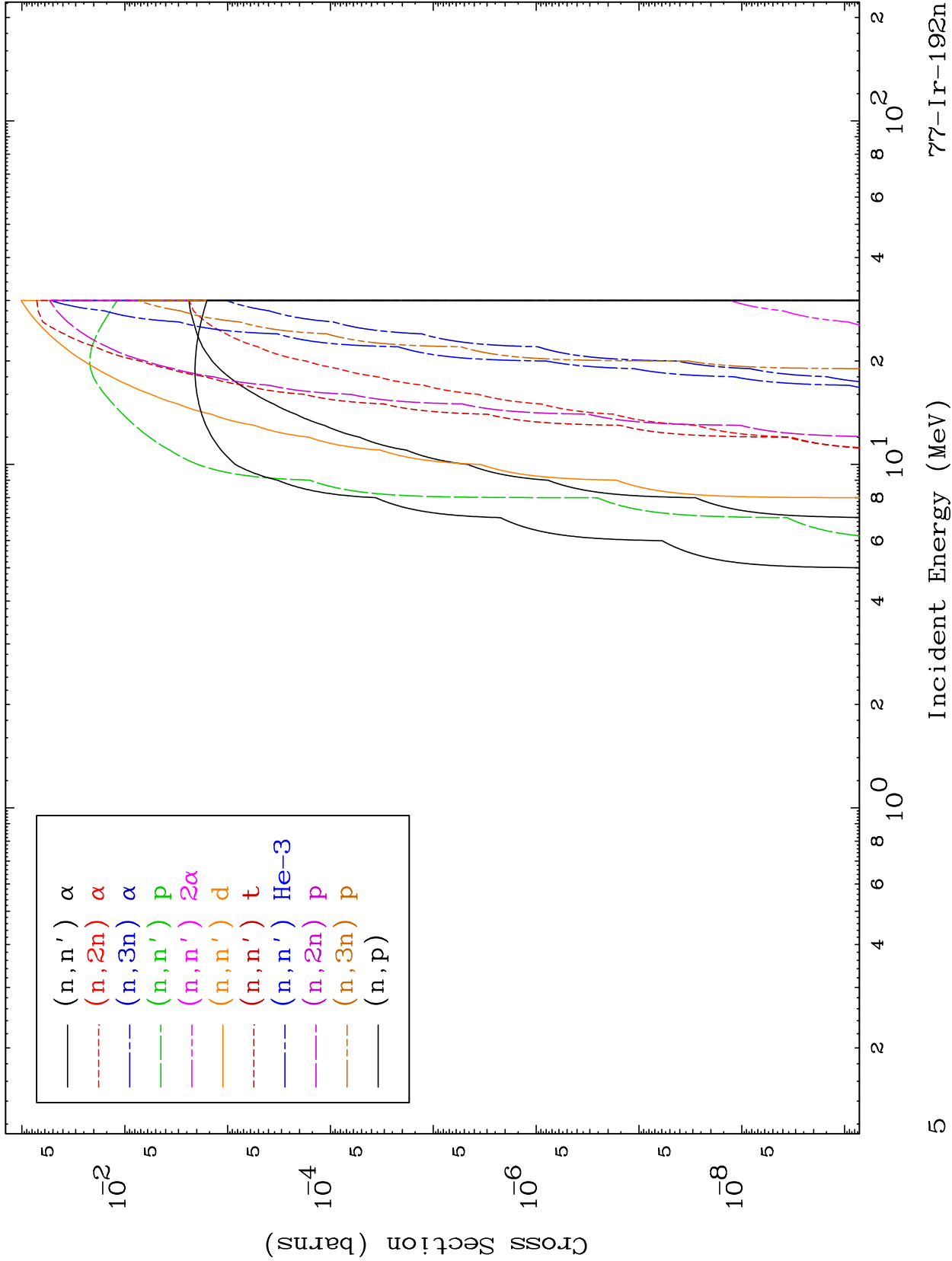
77-Ir-192n



MAT 7730

Triton Charged Particle
0 Kelvin Cross Sections

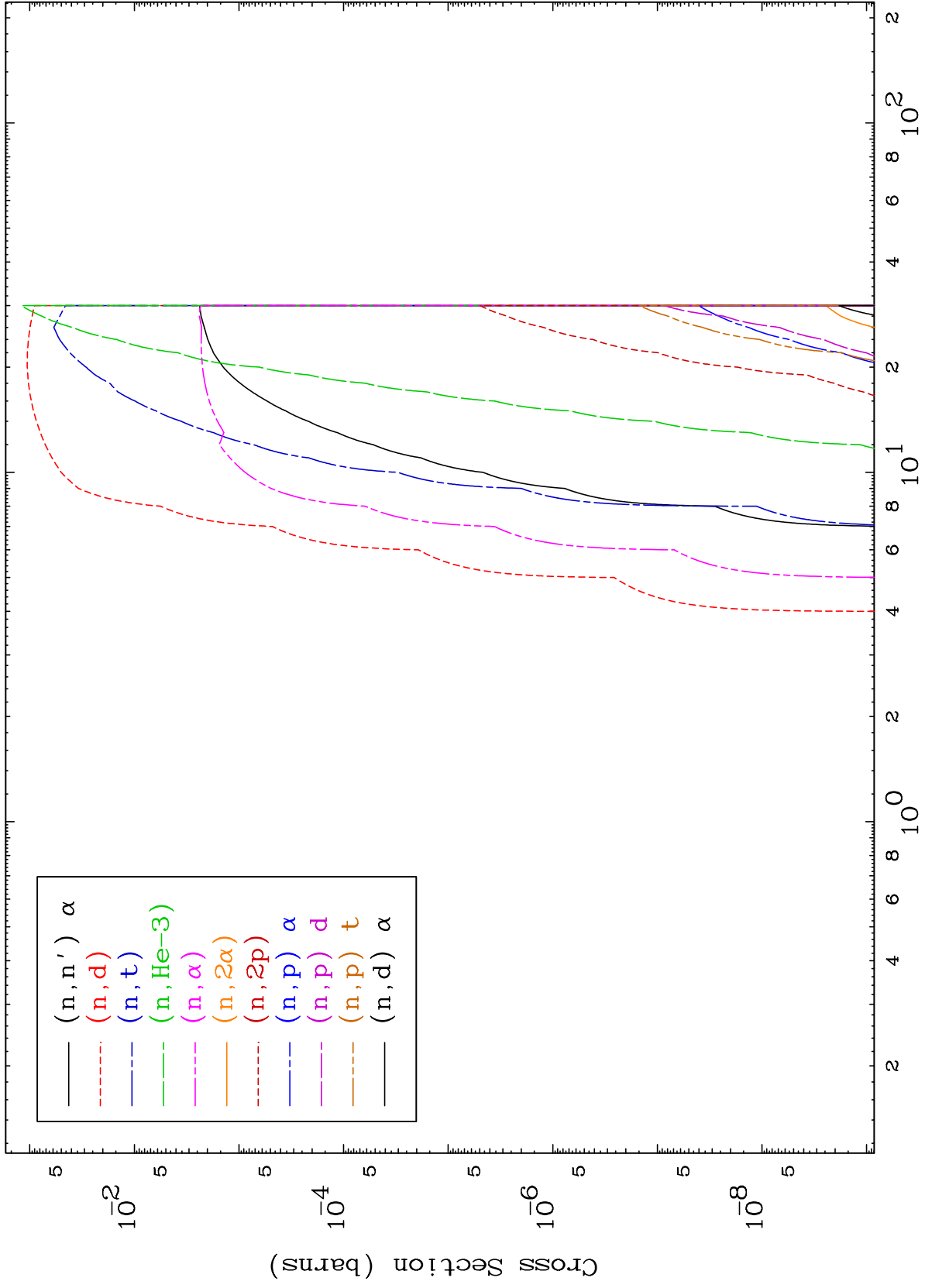
77-Ir-192n



MAT 7730

Triton Charged Particle
0 Kelvin Cross Sections

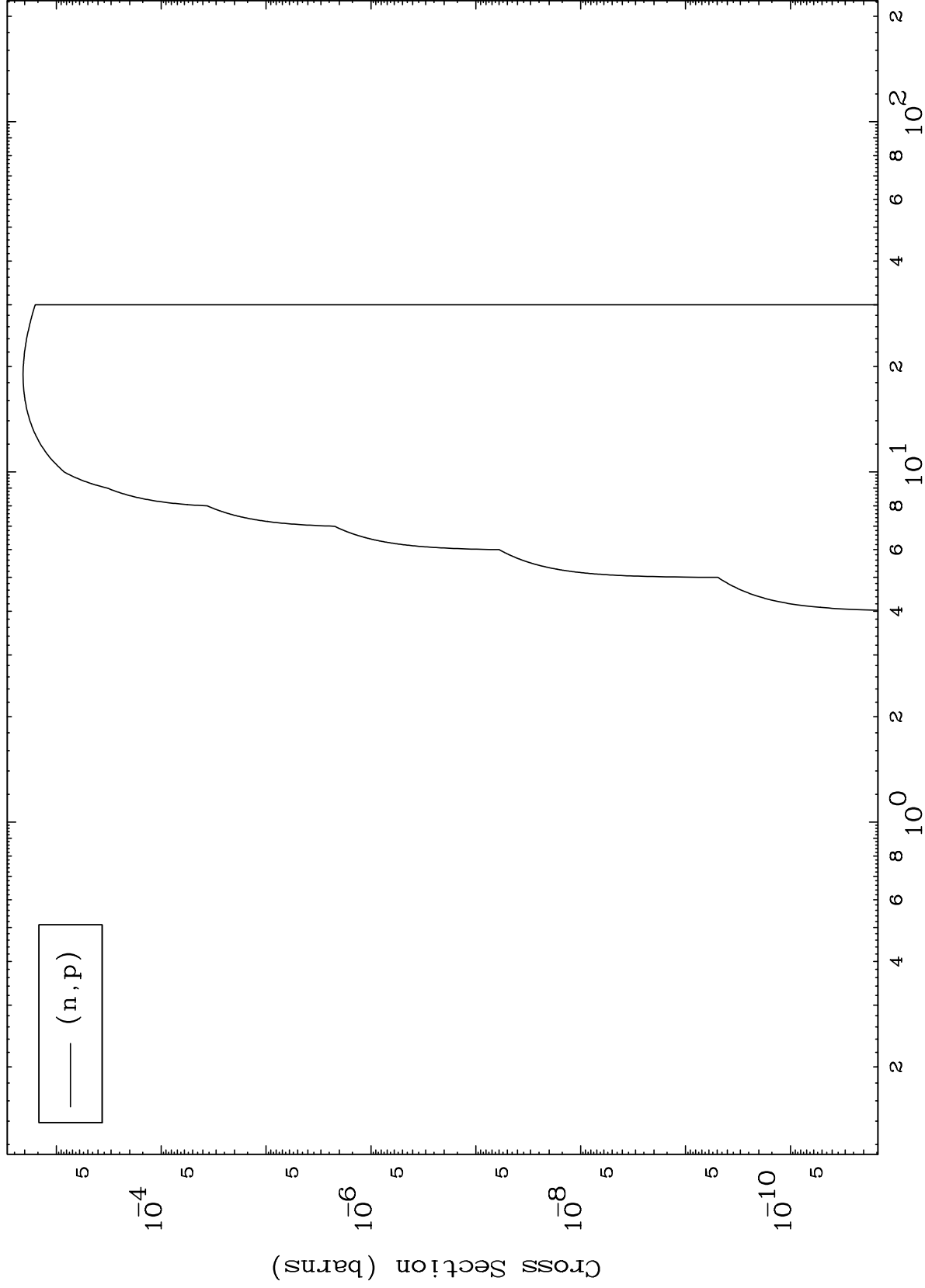
77-Ir-192n



MAT 7730

77-Ir-192n

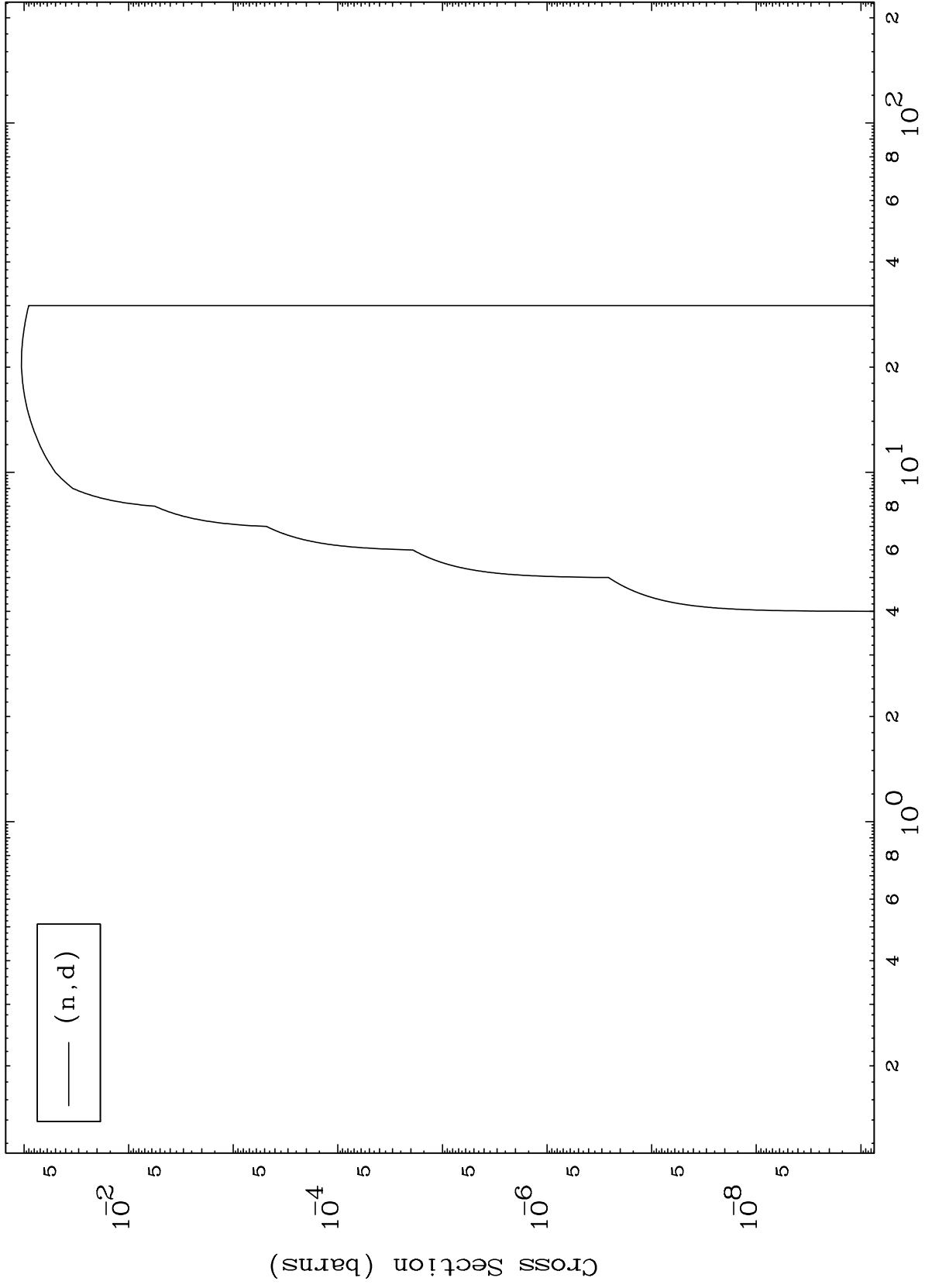
(t,p) Levels
0 Kelvin Cross Sections



MAT 7730

(t,d) Levels
0 Kelvin Cross Sections

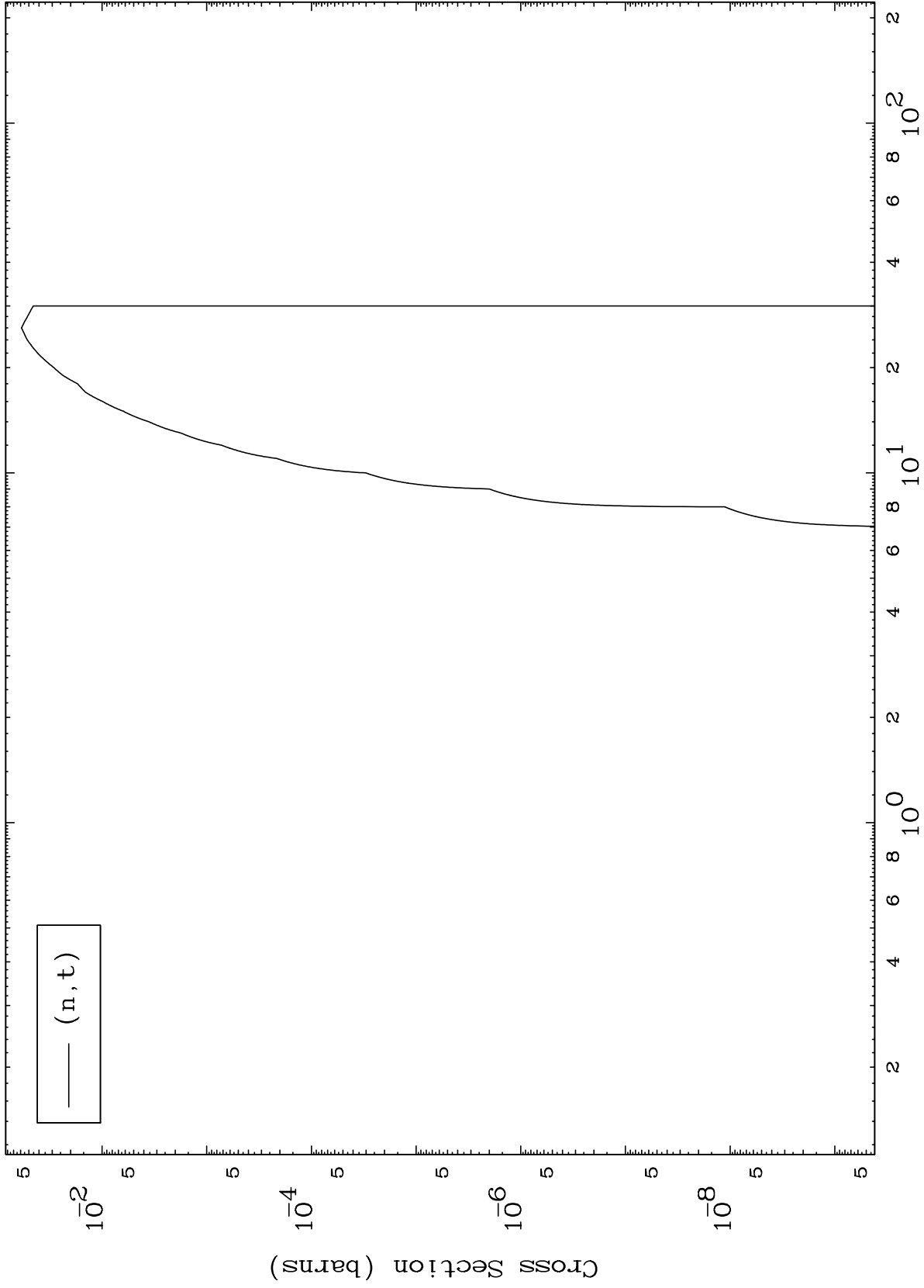
77-Ir-192n



MAT 7730

(t, t) Levels
0 Kelvin Cross Sections

77-Ir-192n

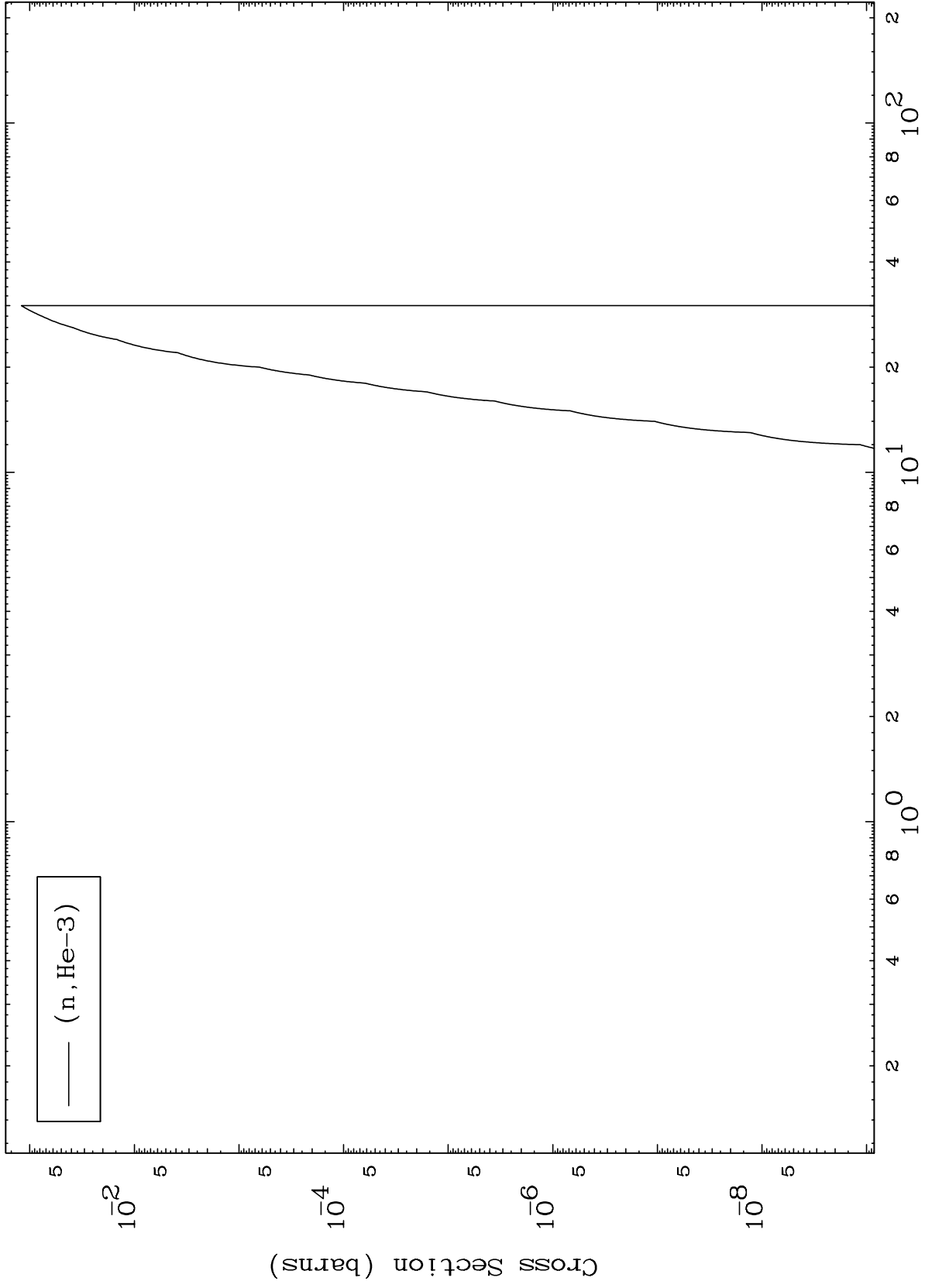


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(t,He3) Levels

77-Ir-192n

0 Kelvin Cross Sections



10

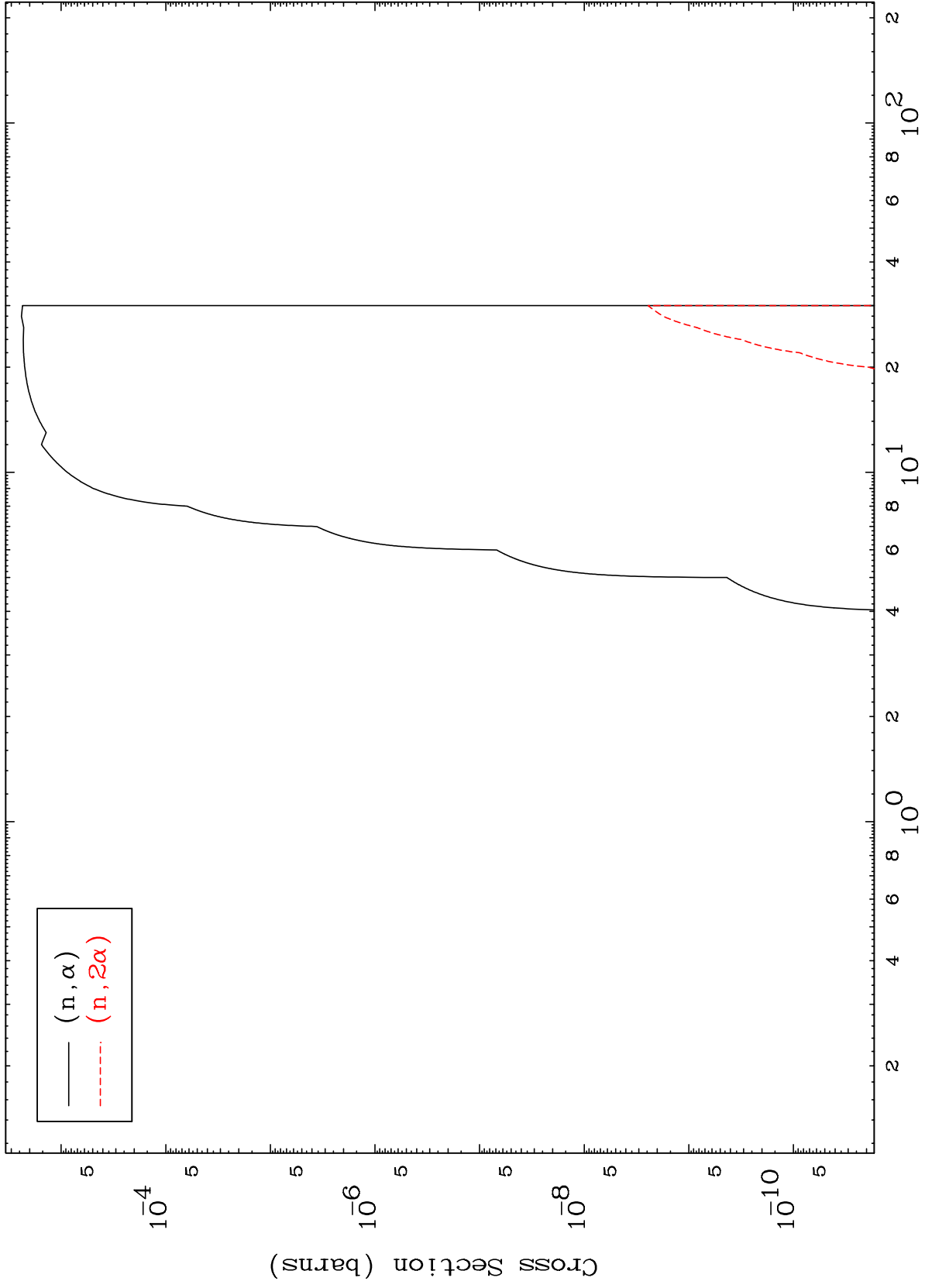
Incident Energy (MeV)

77-Ir-192n

MAT 7730

(t, α) Levels
0 Kelvin Cross Sections

77-Ir-192n

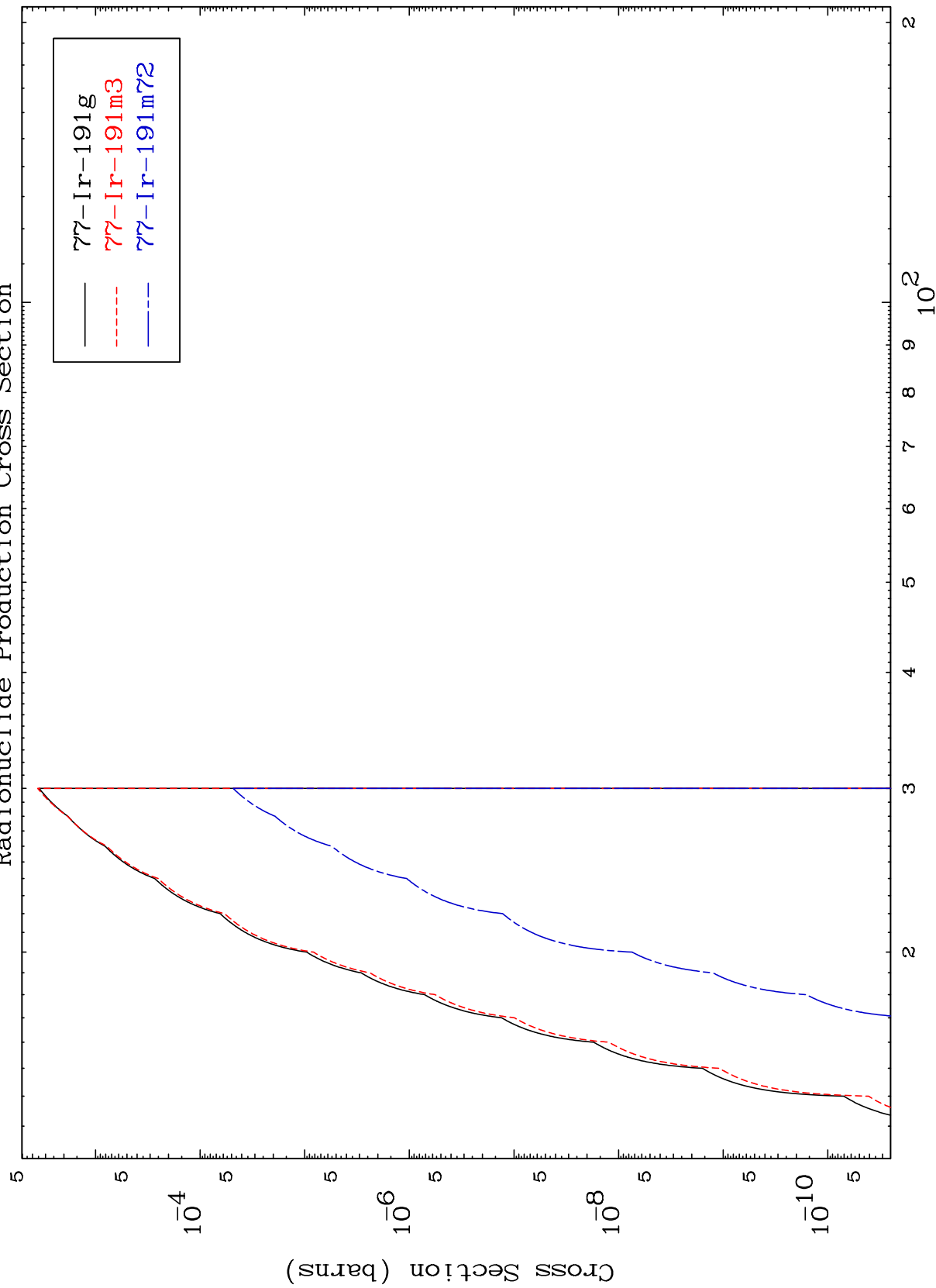


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(n,2n) d

77-Ir-192n

Radionuclide Production Cross Section



12

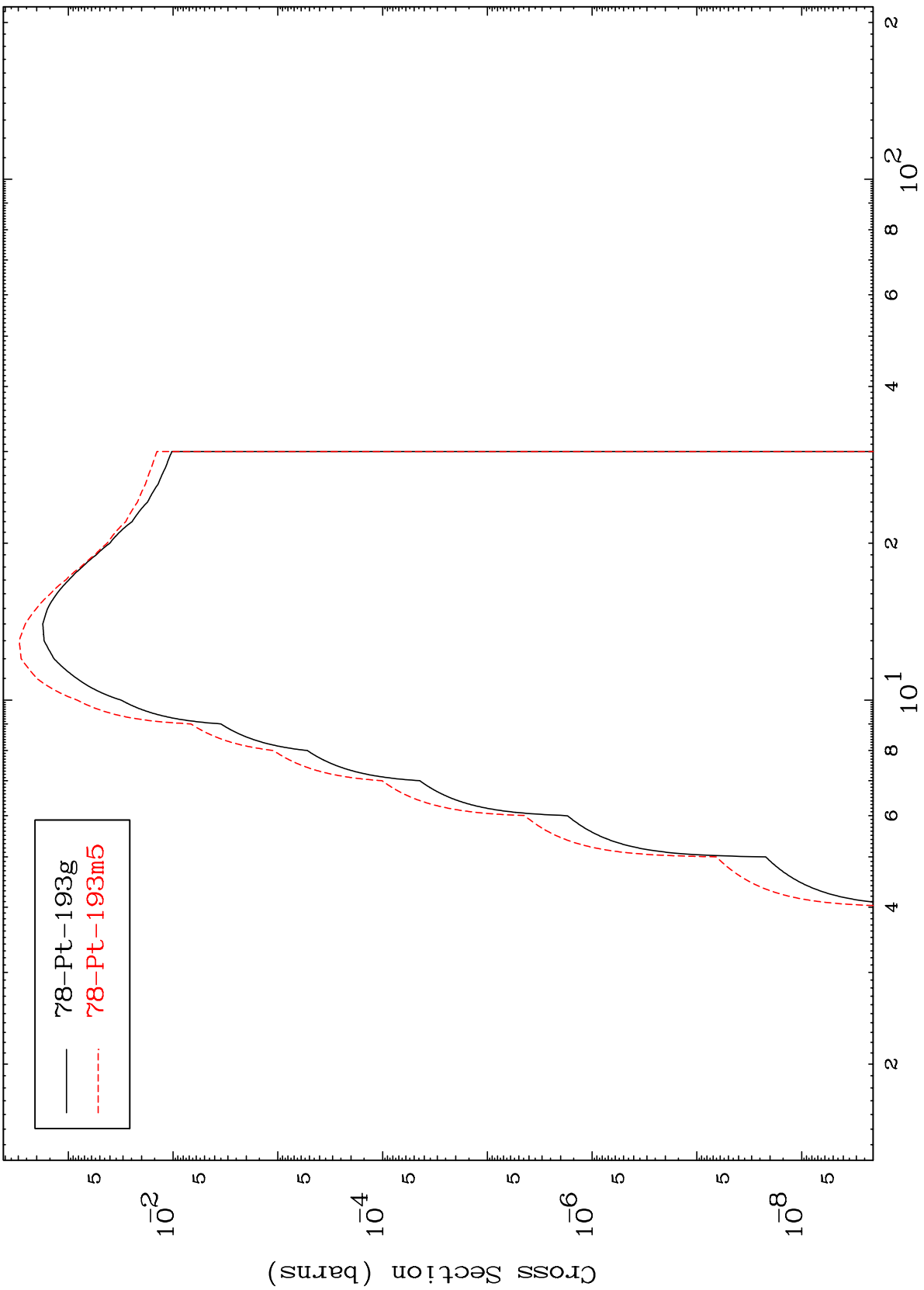
Incident Energy (MeV)

77-Ir-192n

MAT 7730

⁷⁷Ir-192n

Radionuclide Production Cross Section
(n,2n)

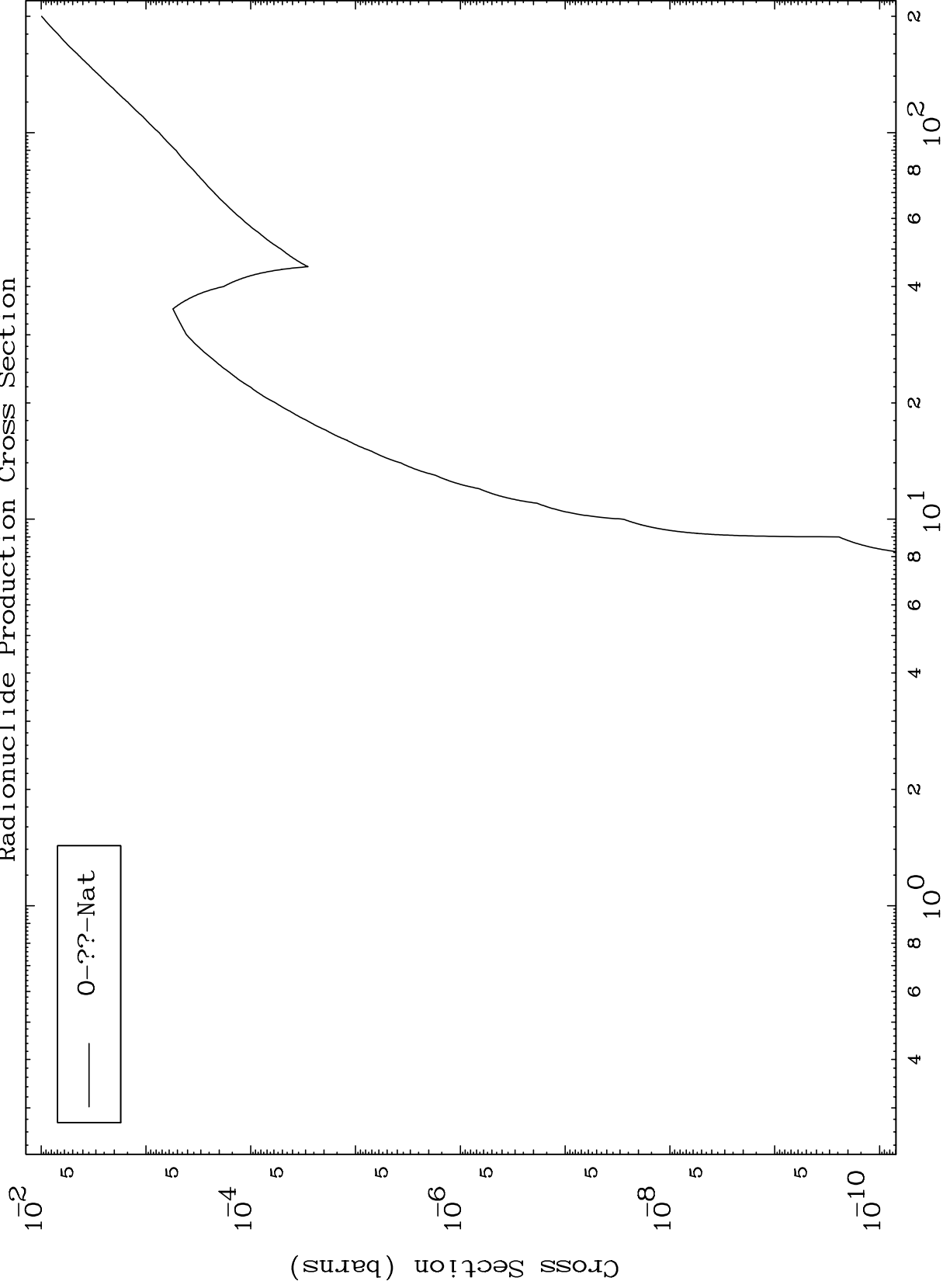


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Fission

⁷⁷Ir-192n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

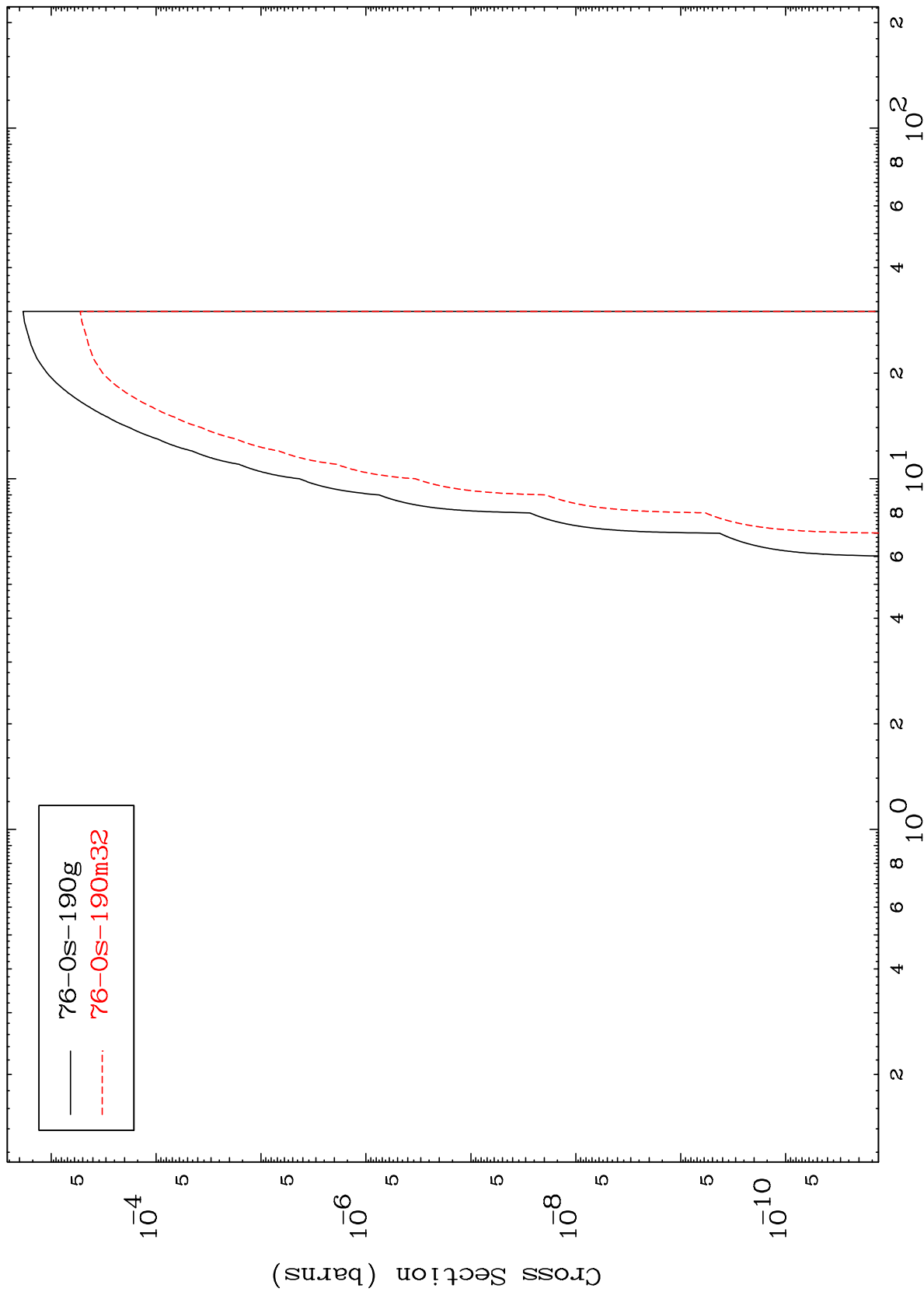
⁷⁷Ir-192n

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$(n, n') \alpha$

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

Radionuclide Production Cross Section

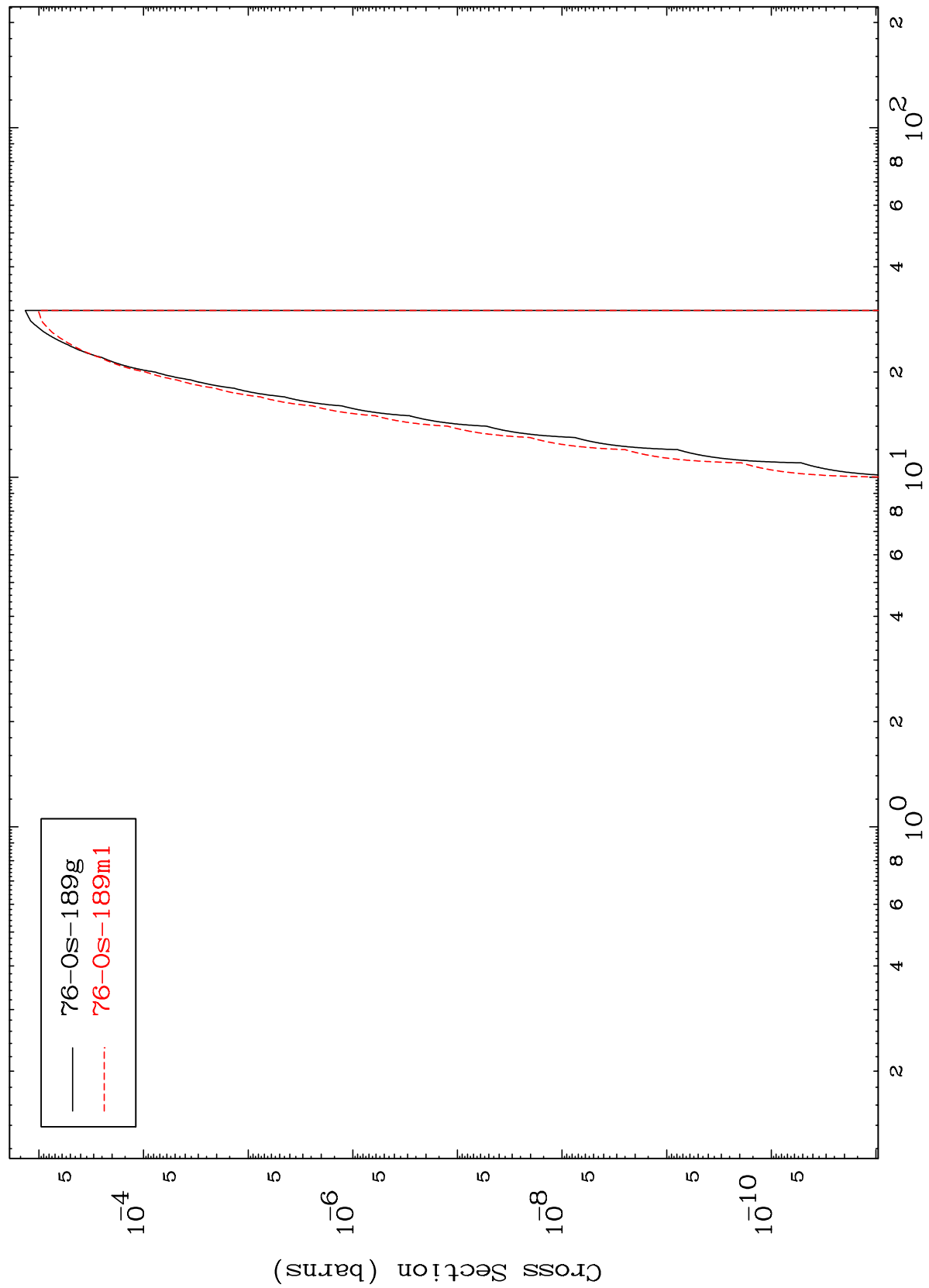


MAT 7730

$(n,2n) \alpha$

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

Radionuclide Production Cross Section

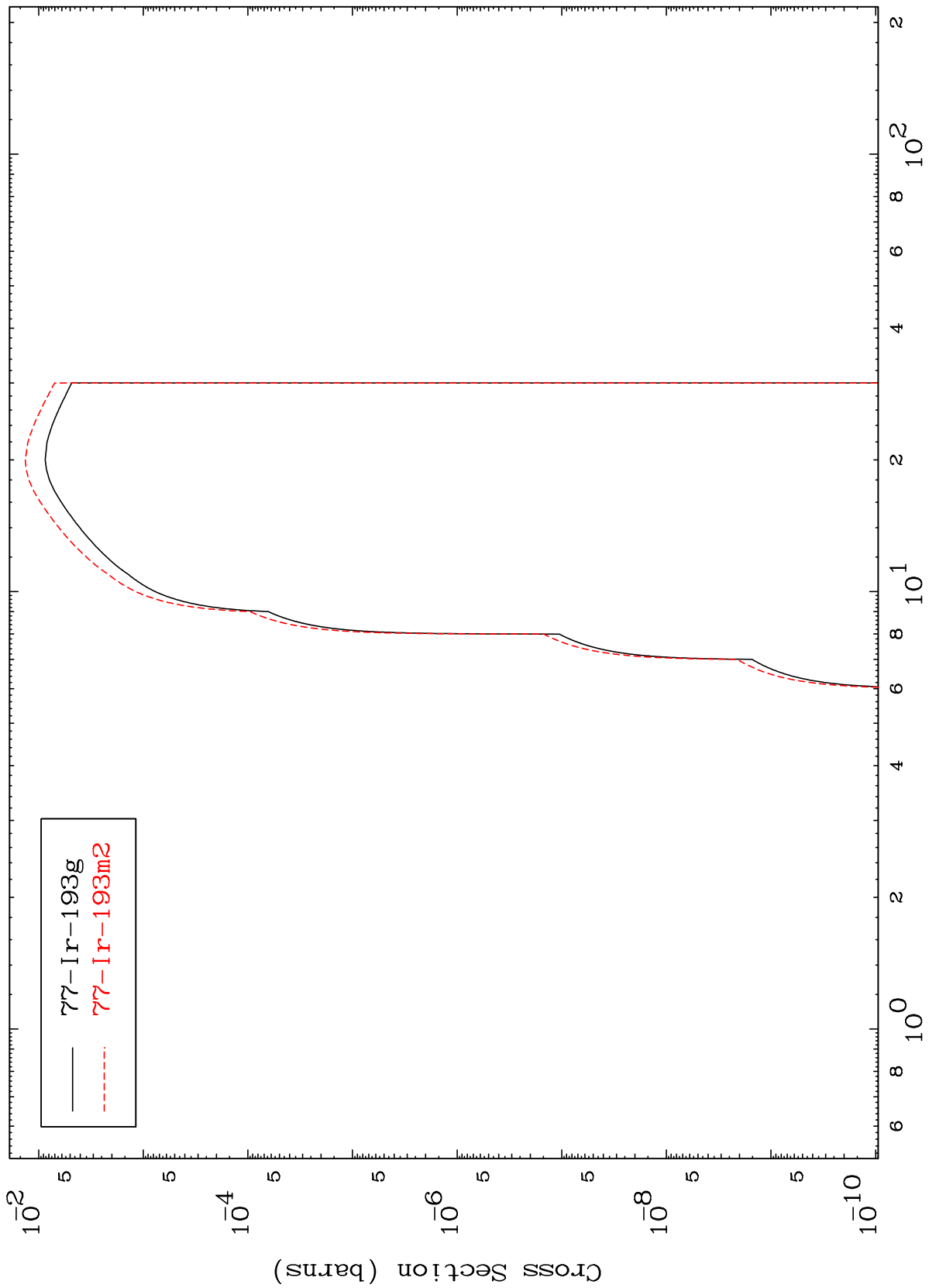


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(n,n') p

⁷⁷Ir-192n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

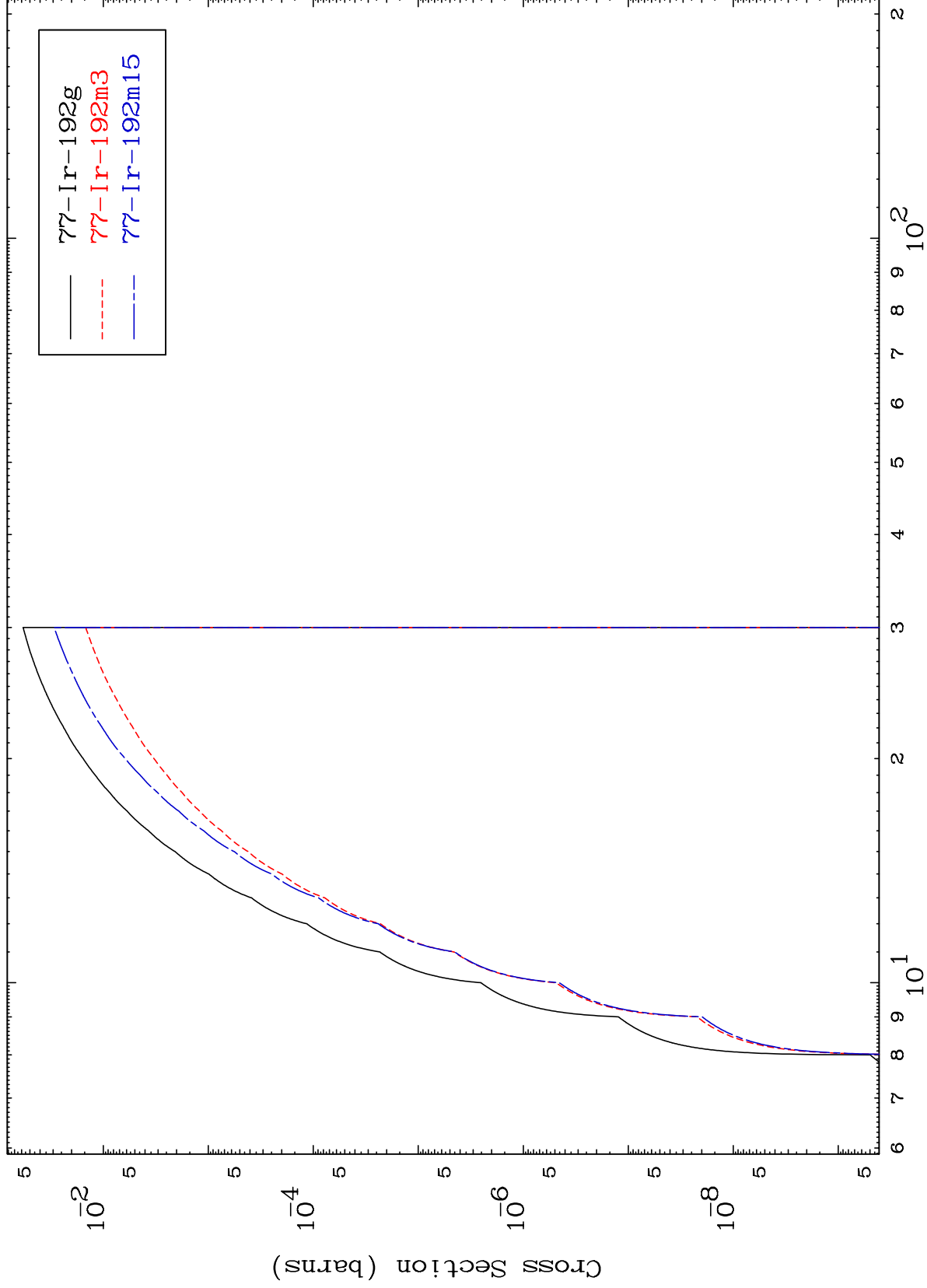
⁷⁷Ir-192n

MAT 7730

(n,n') d

⁷⁷Ir-192n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

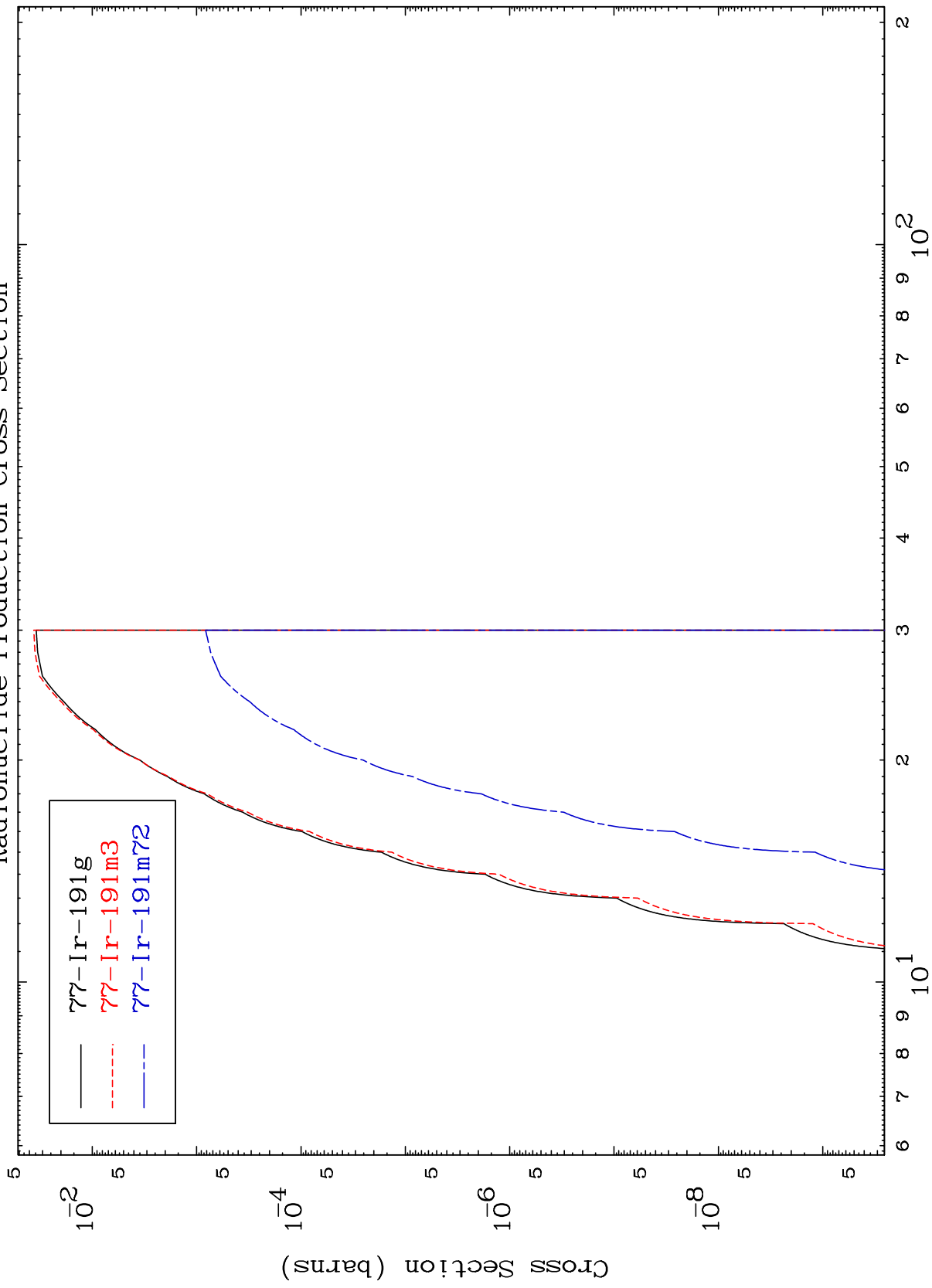
⁷⁷Ir-192n

MAT 7730

(n,n') t

⁷⁷Ir-192n

Radionuclide Production Cross Section



19

Incident Energy (MeV)

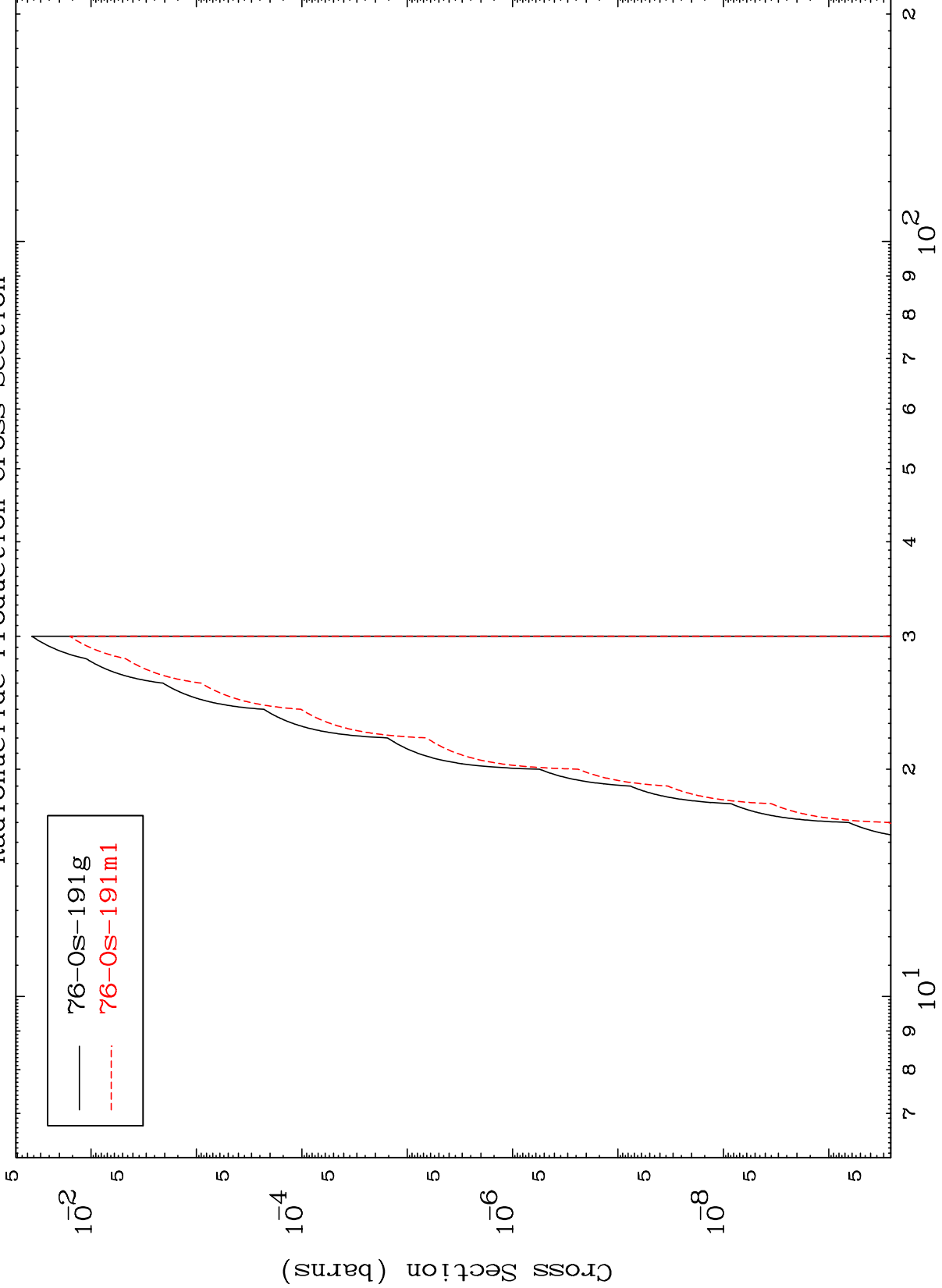
⁷⁷Ir-192n

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(n,n') He-3

77-Ir-192n

Radionuclide Production Cross Section



76-Os-191g
76-Os-191m1

20

Incident Energy (MeV)

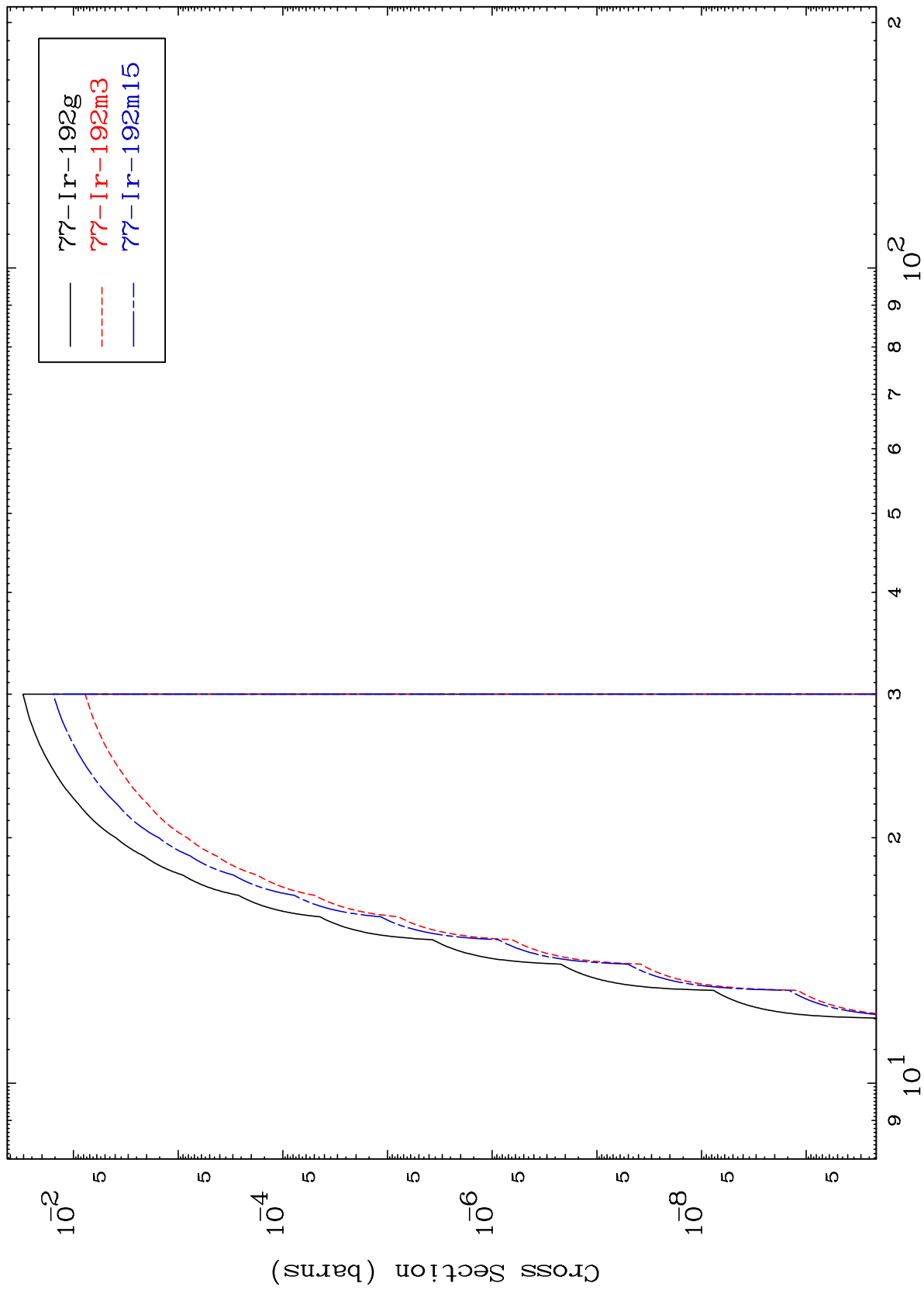
77-Ir-192n

MAT 7730

(n,2n) p

⁷⁷Ir-192n

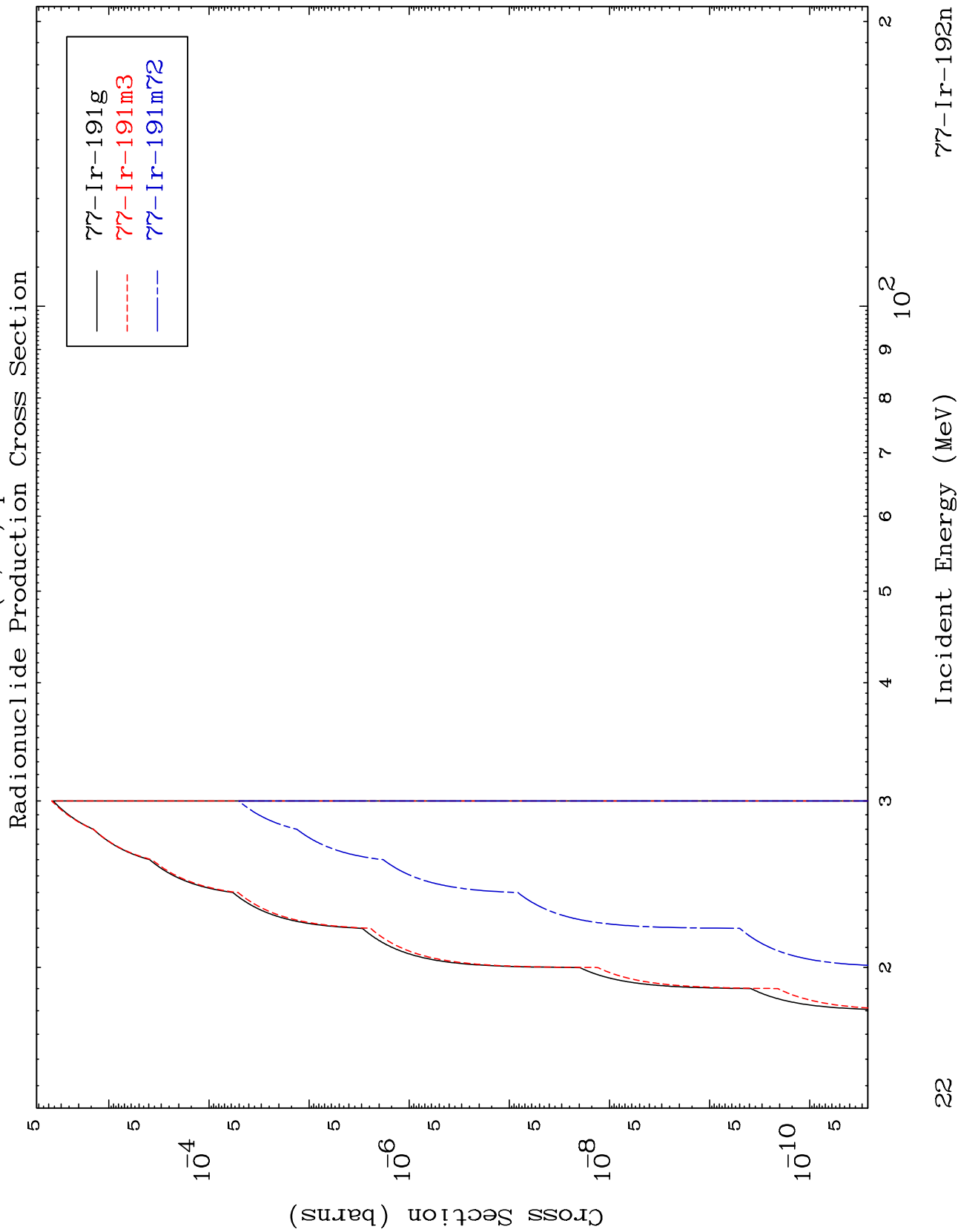
Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁷⁷Ir-192n

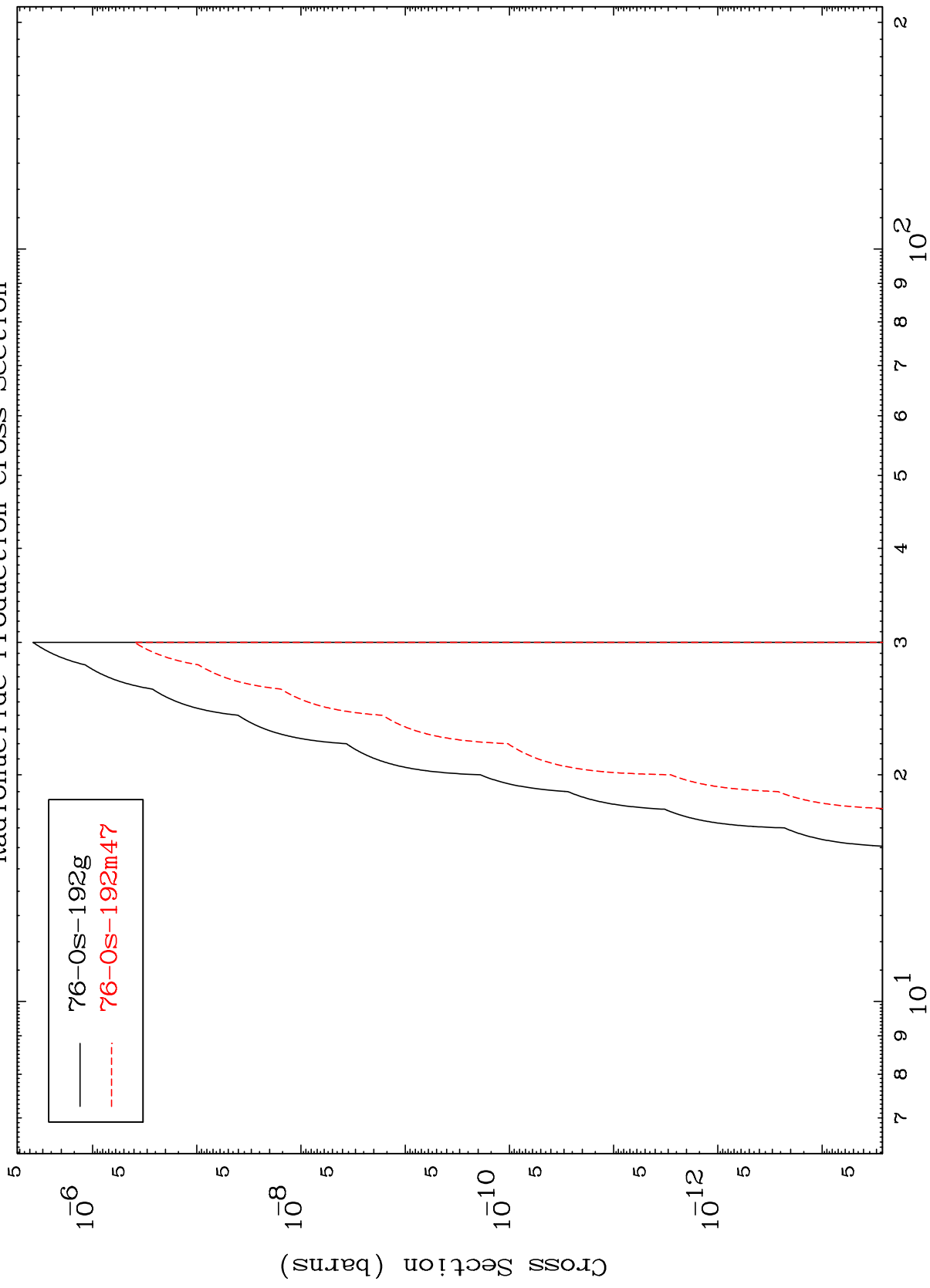


MAT 7730

(n,2n) p

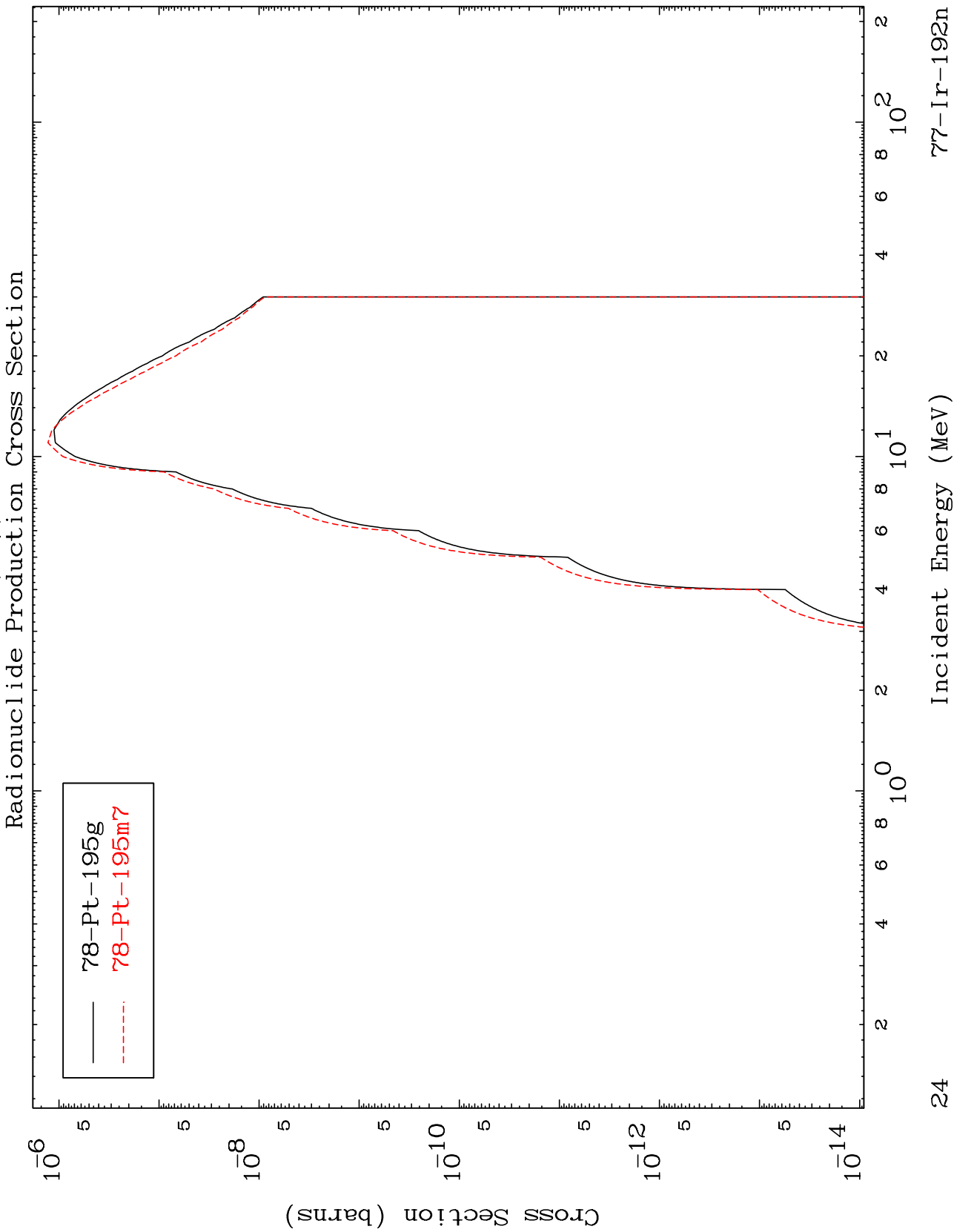
⁷⁷Ir-192n

Radionuclide Production Cross Section



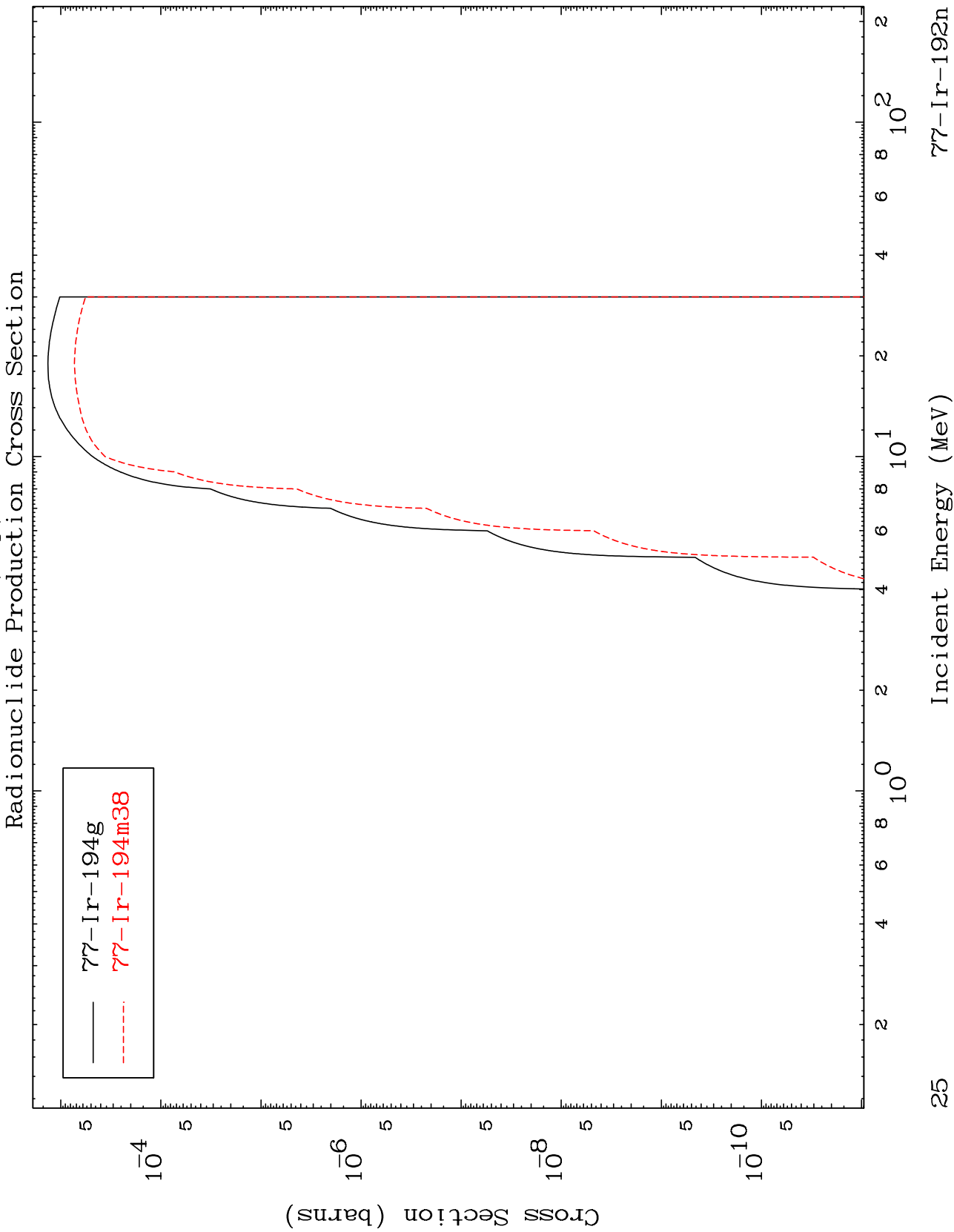
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$^{77}\text{Ir}-192\text{n}$



MAT 7730

⁷⁷Ir-192n



Incident Energy (MeV)

⁷⁷Ir-192n

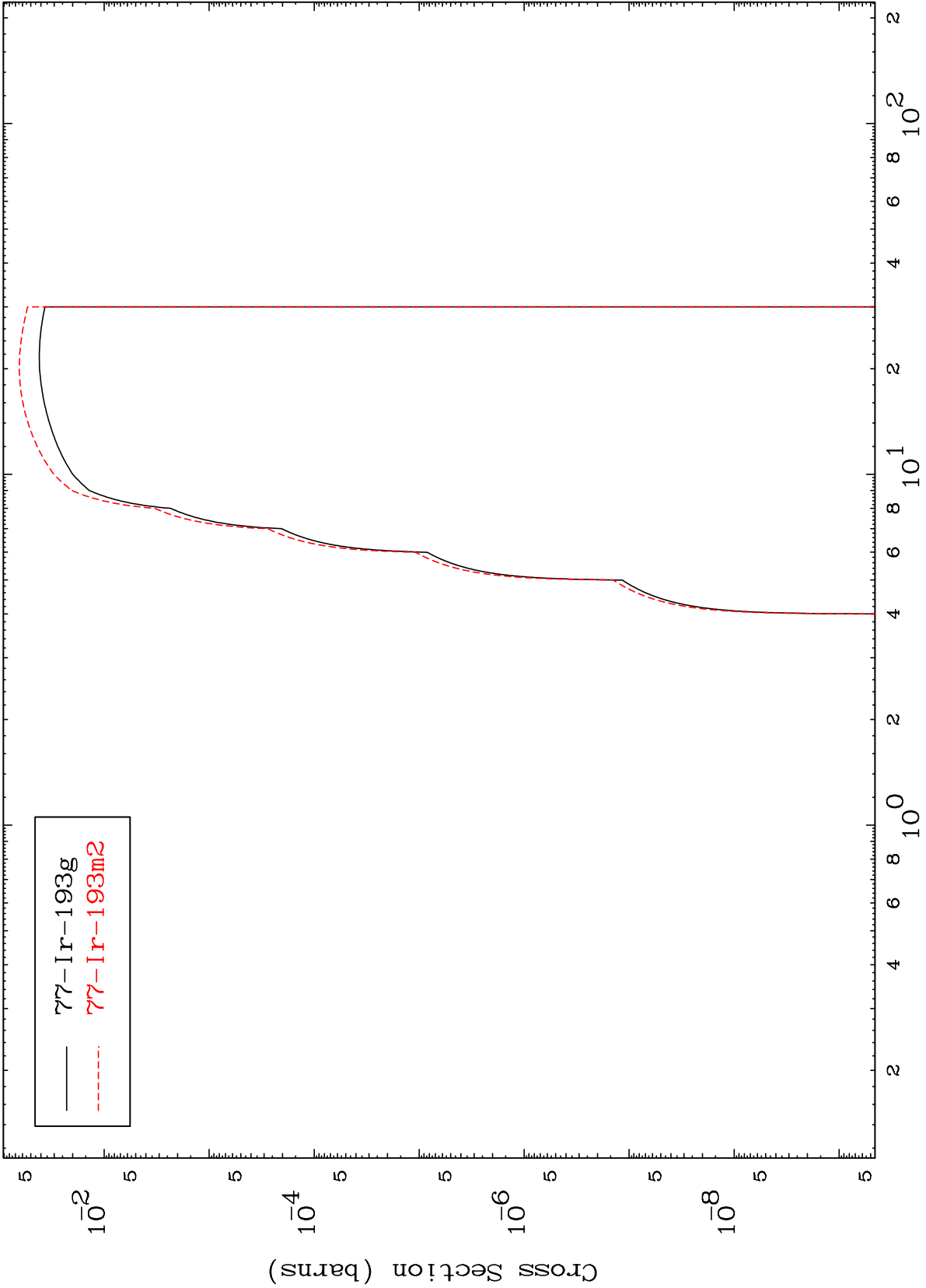
25

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(n,d)

⁷⁷Ir-192n

Radionuclide Production Cross Section



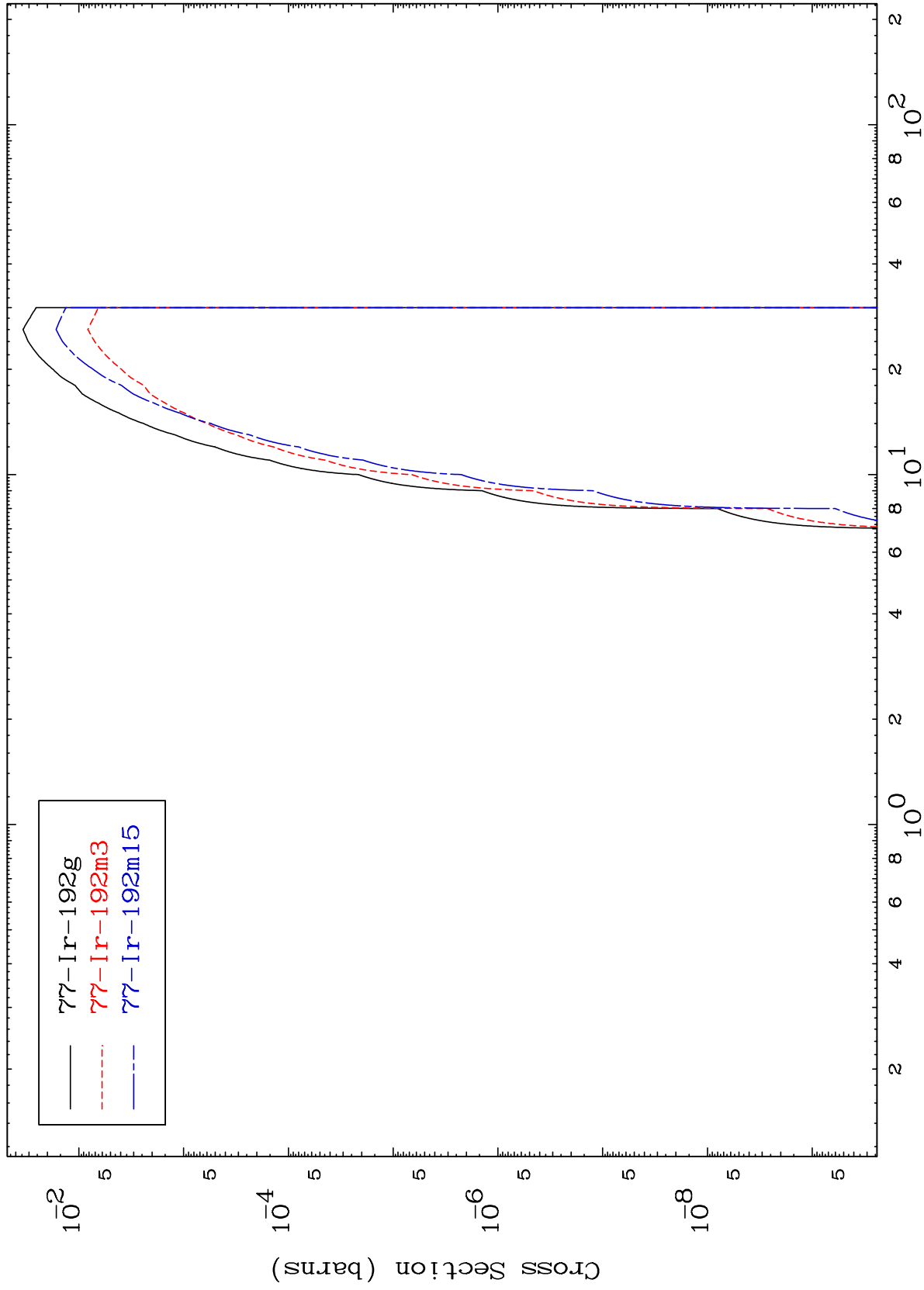
Incident Energy (MeV)

⁷⁷Ir-192n

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⁷⁷Ir-192n

(n, t)
Radionuclide Production Cross Section



27

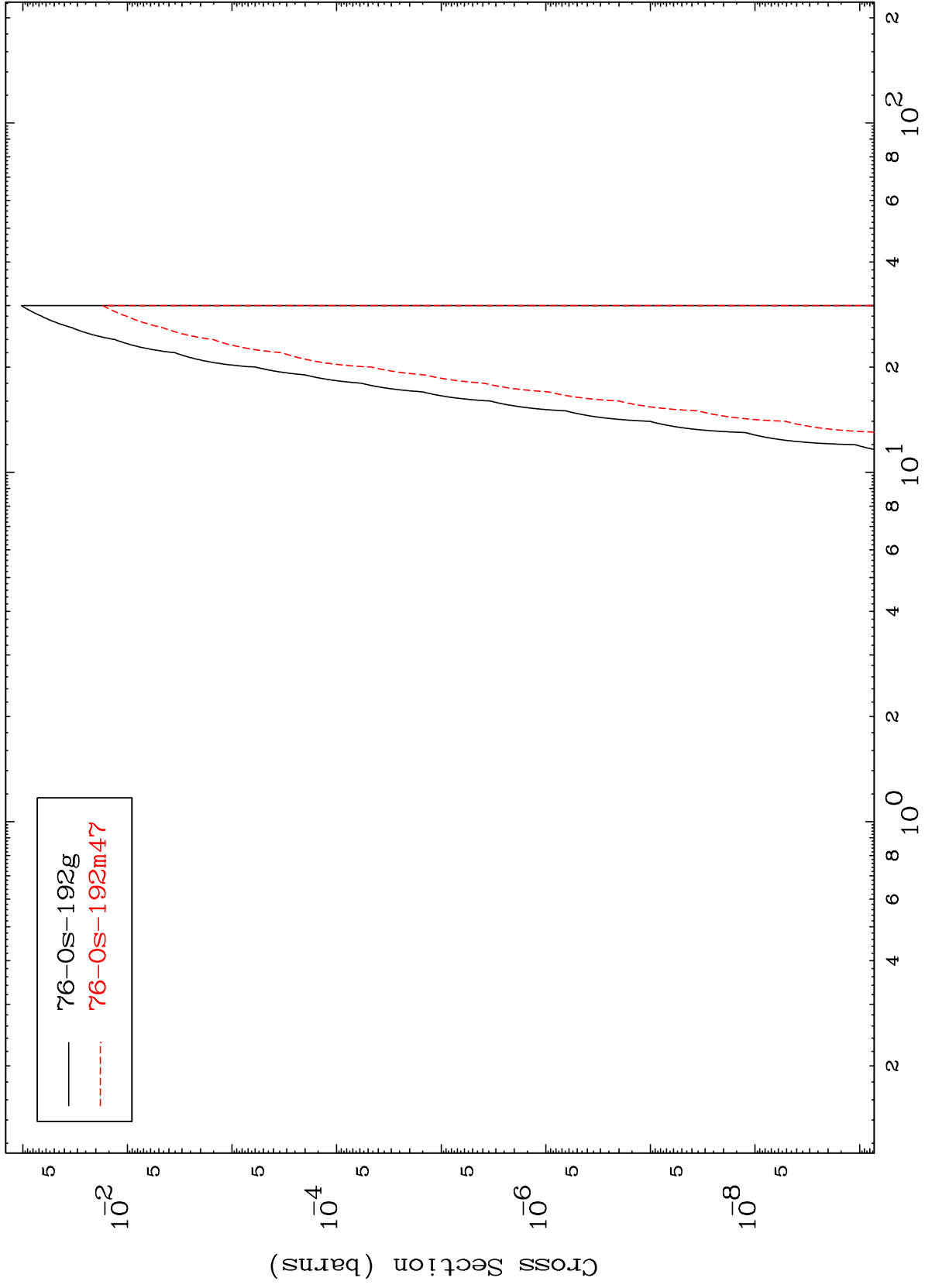
⁷⁷Ir-192n

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(n,He-3)

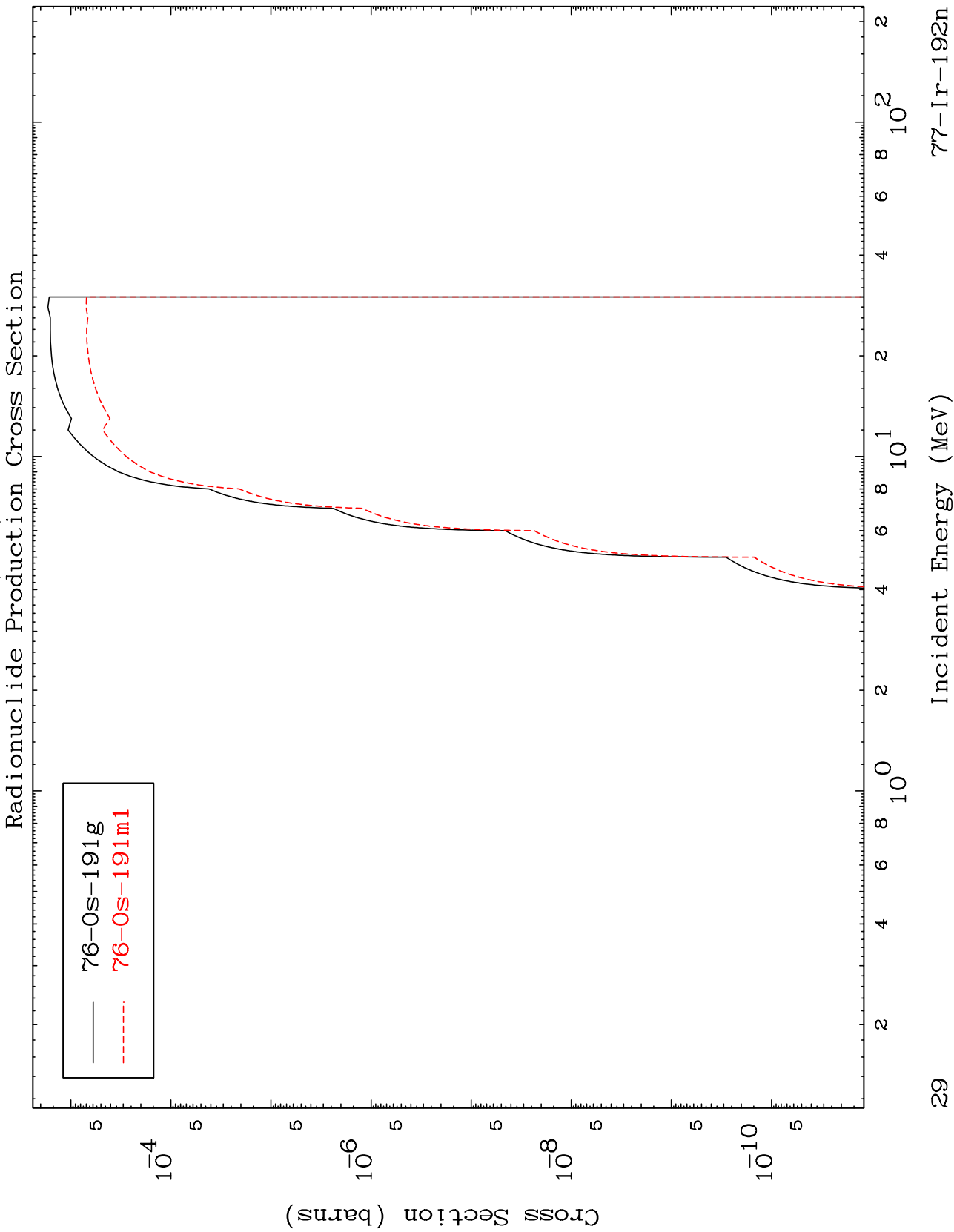
⁷⁷Ir-192n

Radionuclide Production Cross Section



MAT 7730

⁷⁷Ir-192n

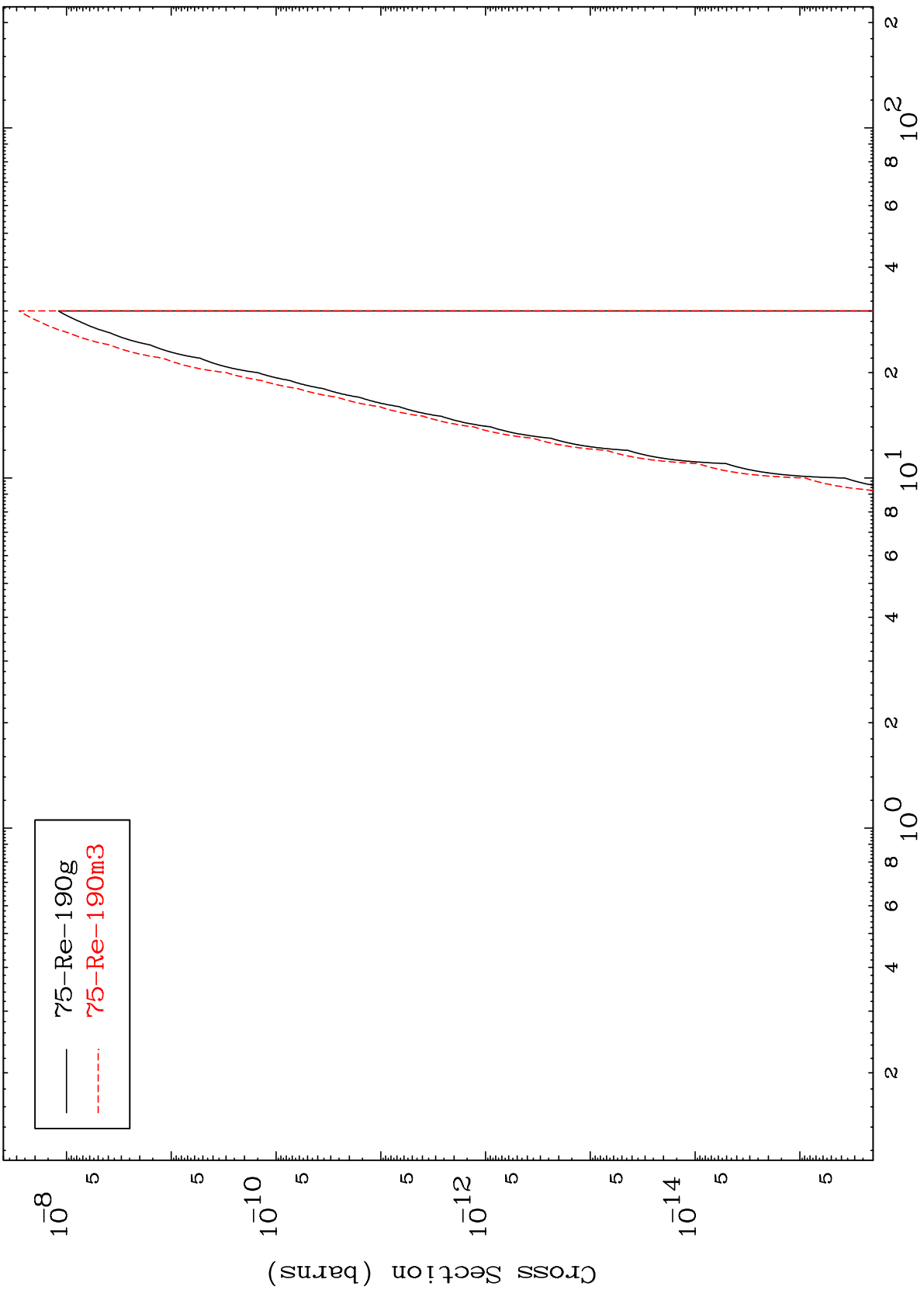


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(n,p) α

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

Radionuclide Production Cross Section

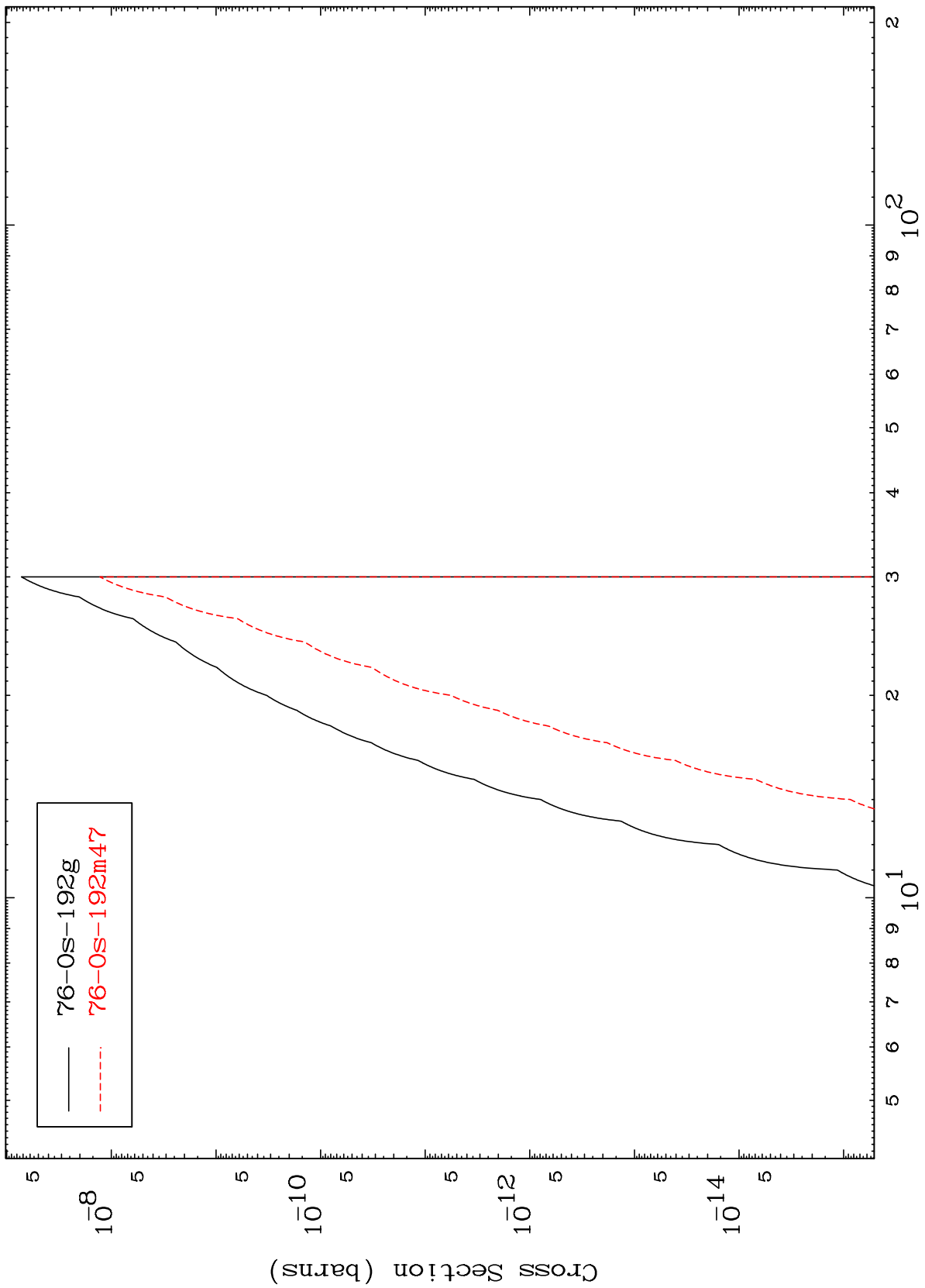


MAT 7730

(n,p) d

⁷⁷Ir-192n

Radionuclide Production Cross Section

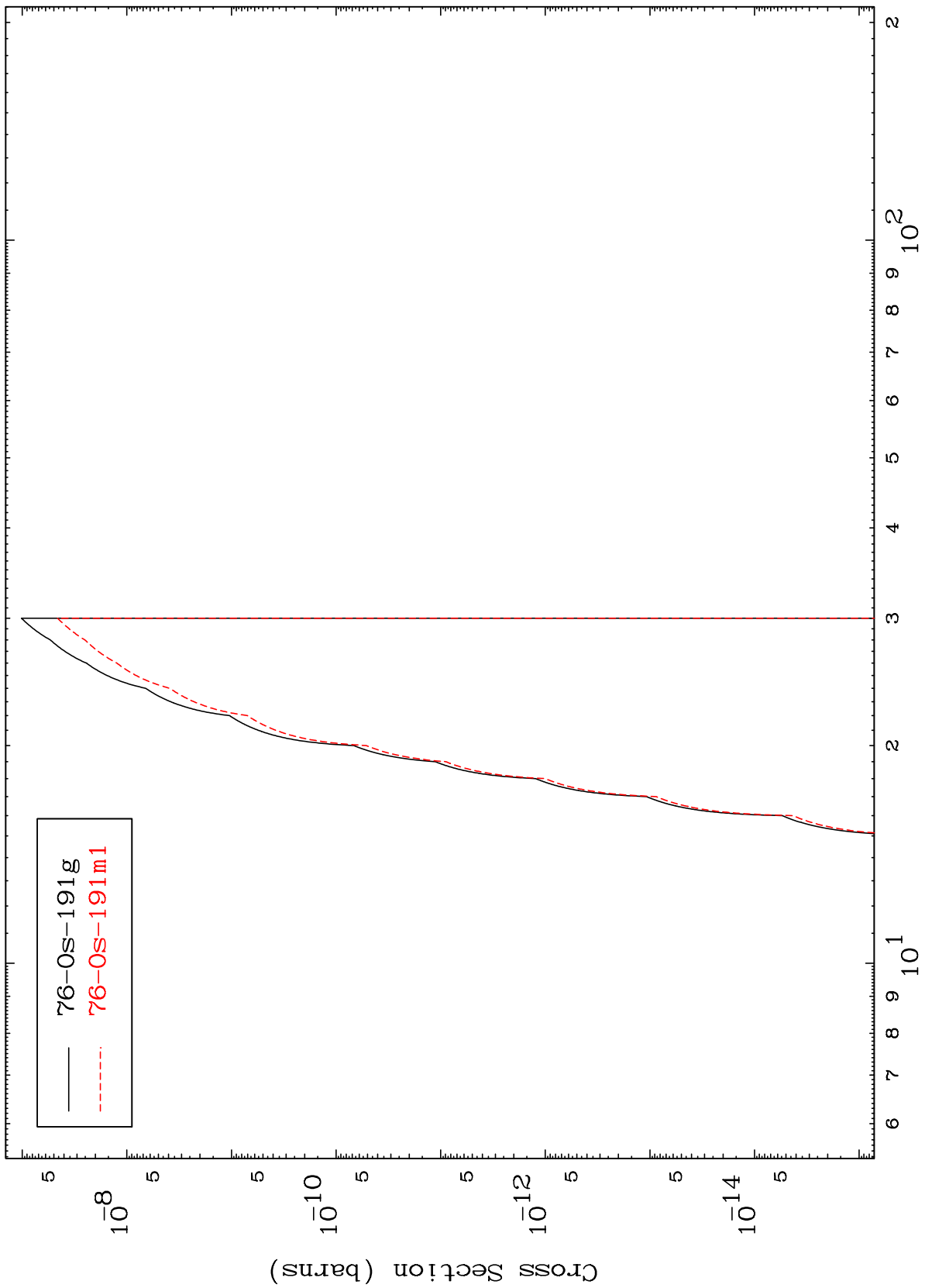


MAT 7730

(n,p) t

⁷⁷Ir-192n

Radionuclide Production Cross Section



— 76-Os-191g
- - - 76-Os-191m1

32

Incident Energy (MeV)

⁷⁷Ir-192n