

Program EVALPLOT
(Version 2021-1)

by

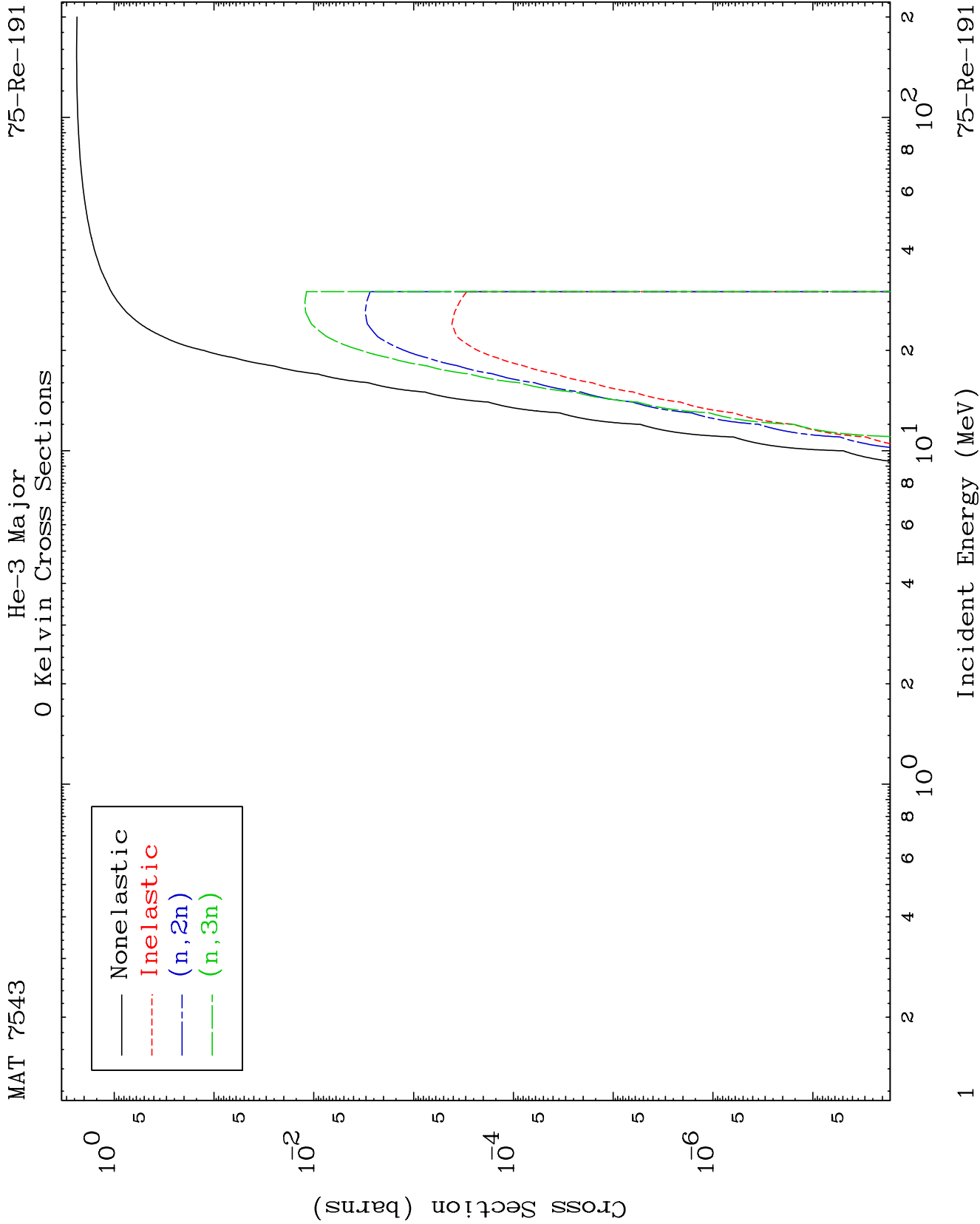
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

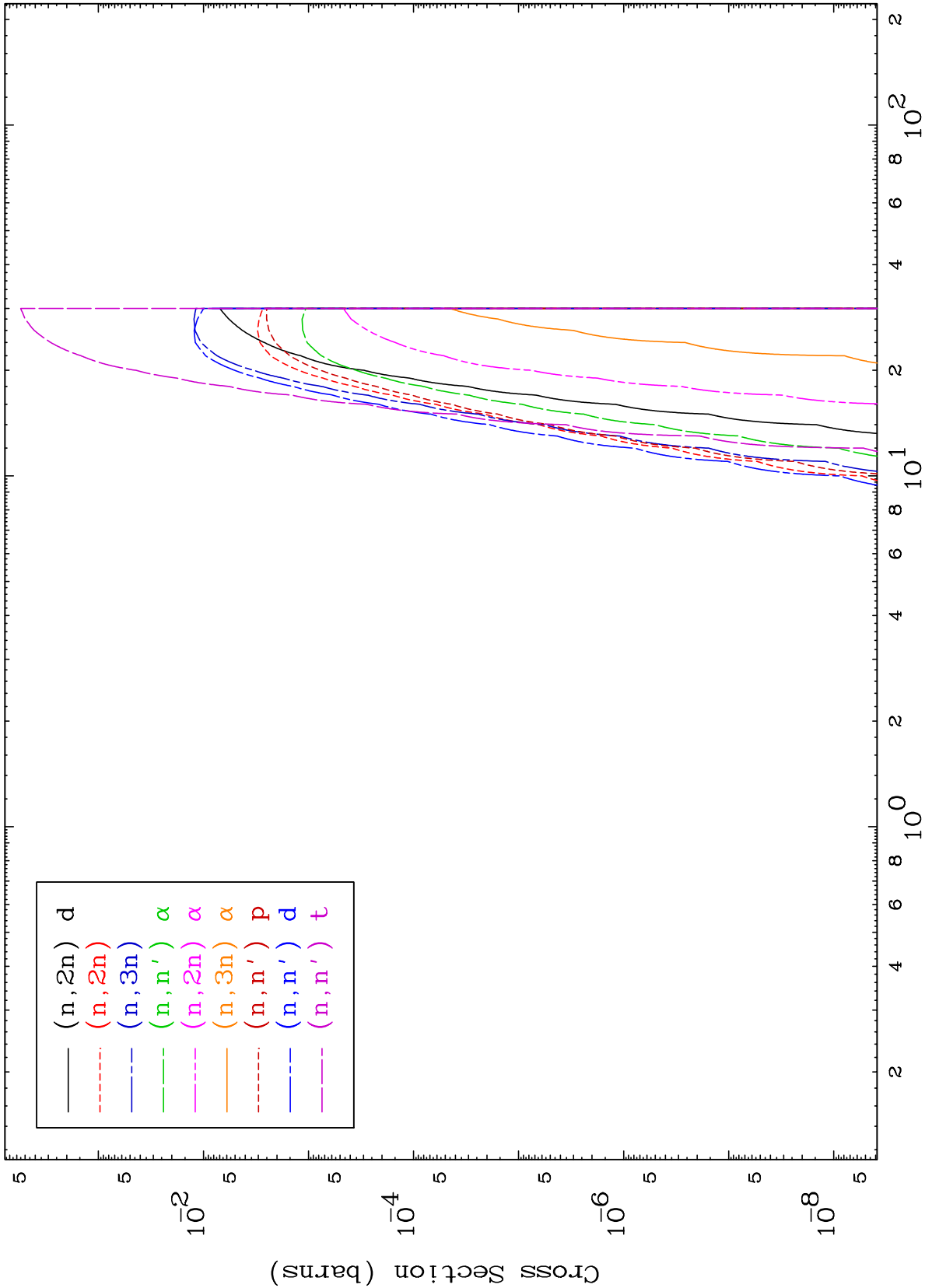
Press Mouse Button to Start

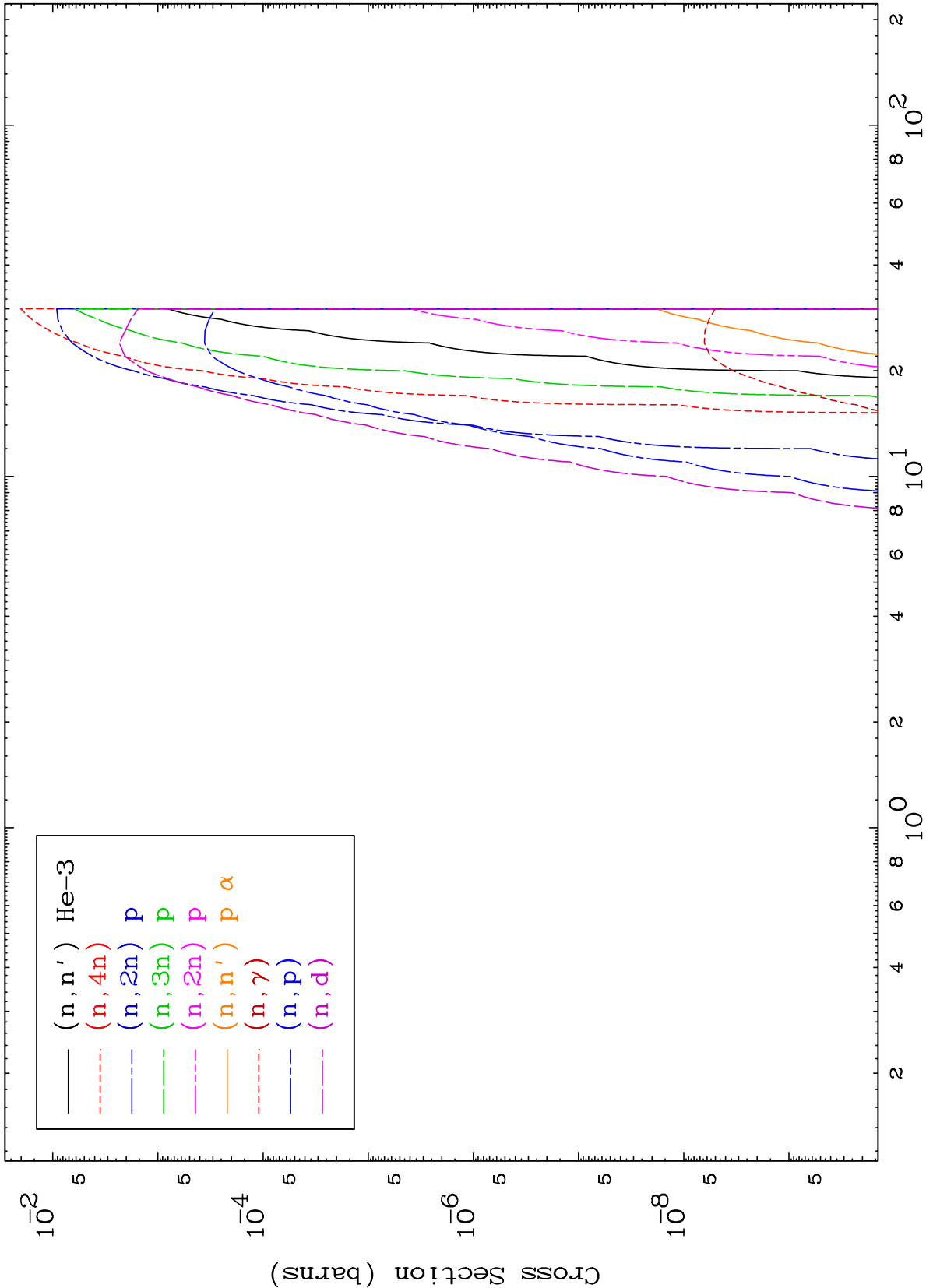


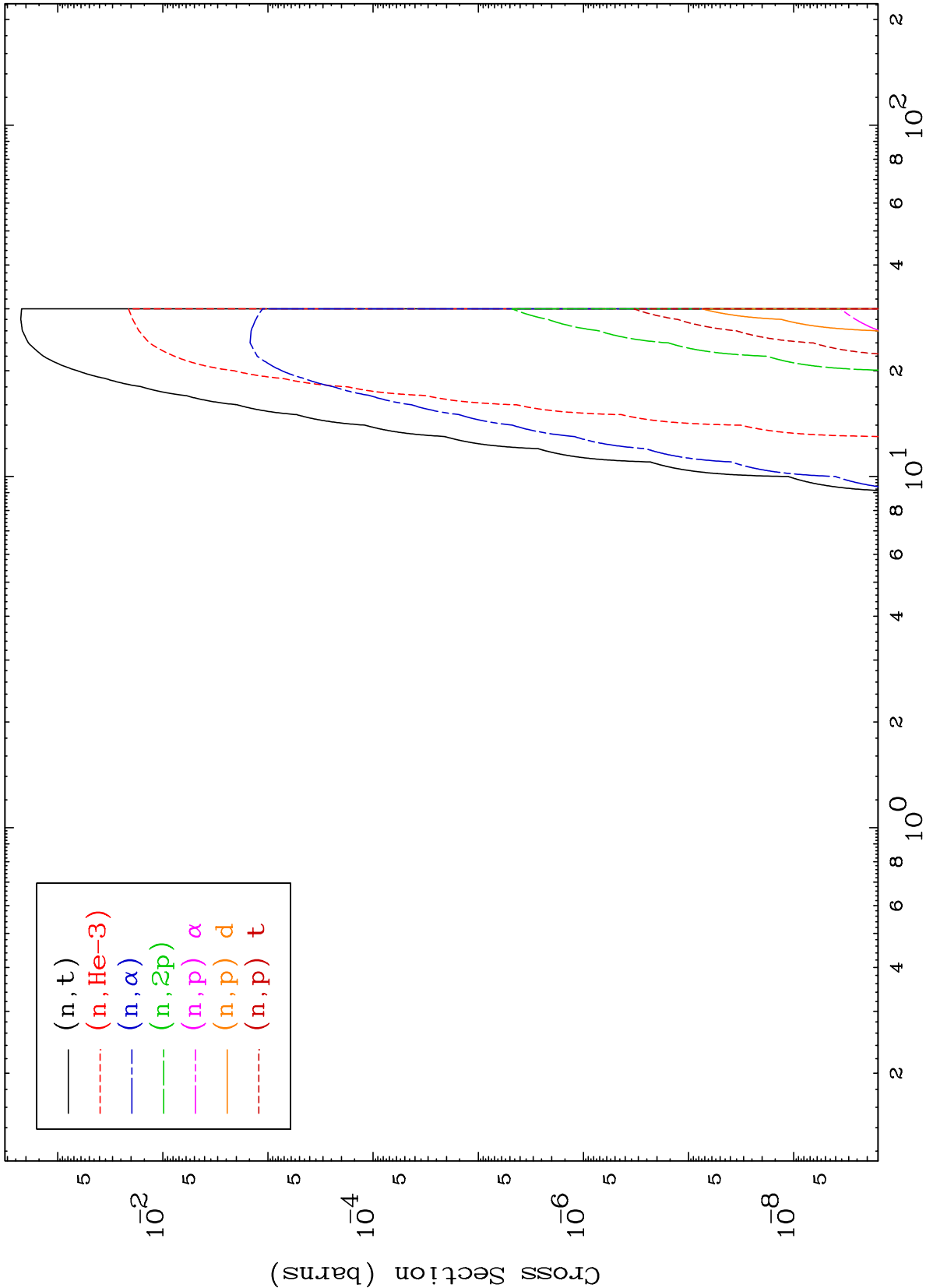
MAT 7543

He-3 Neutron Absorption
0 Kelvin Cross Sections

75-Re-191



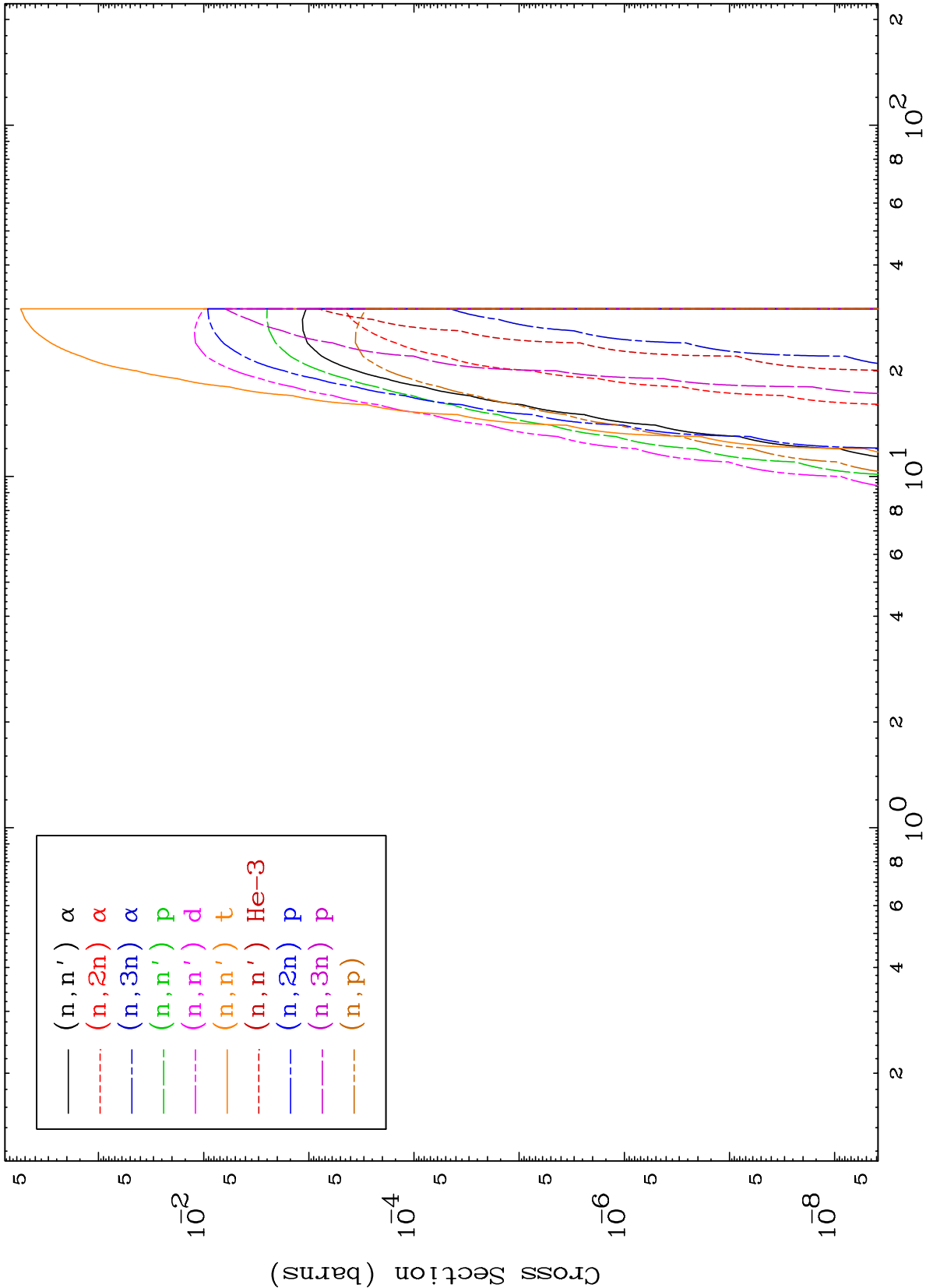




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He-3 Charged Particle
0 Kelvin Cross Sections

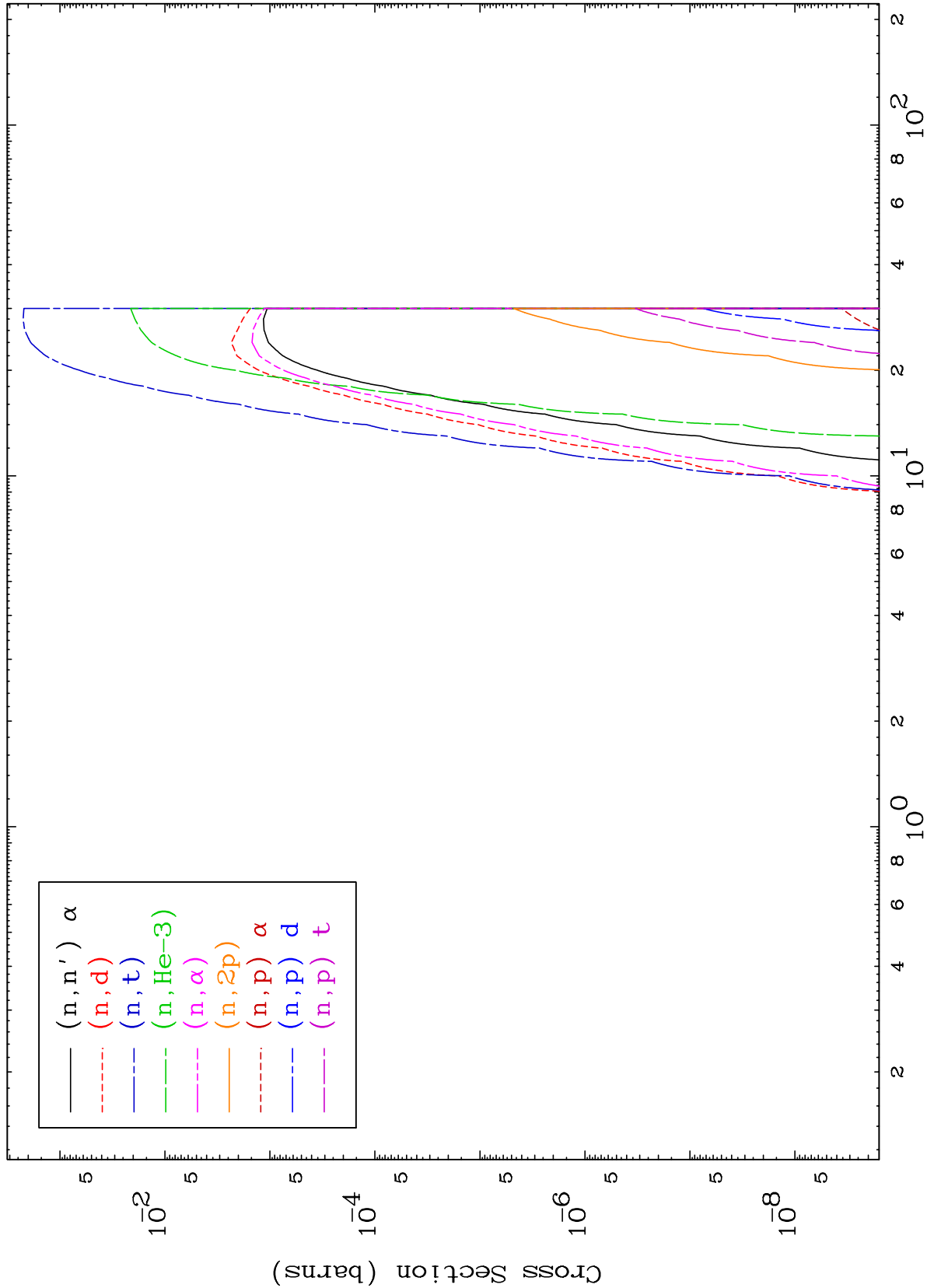
75-Re-191

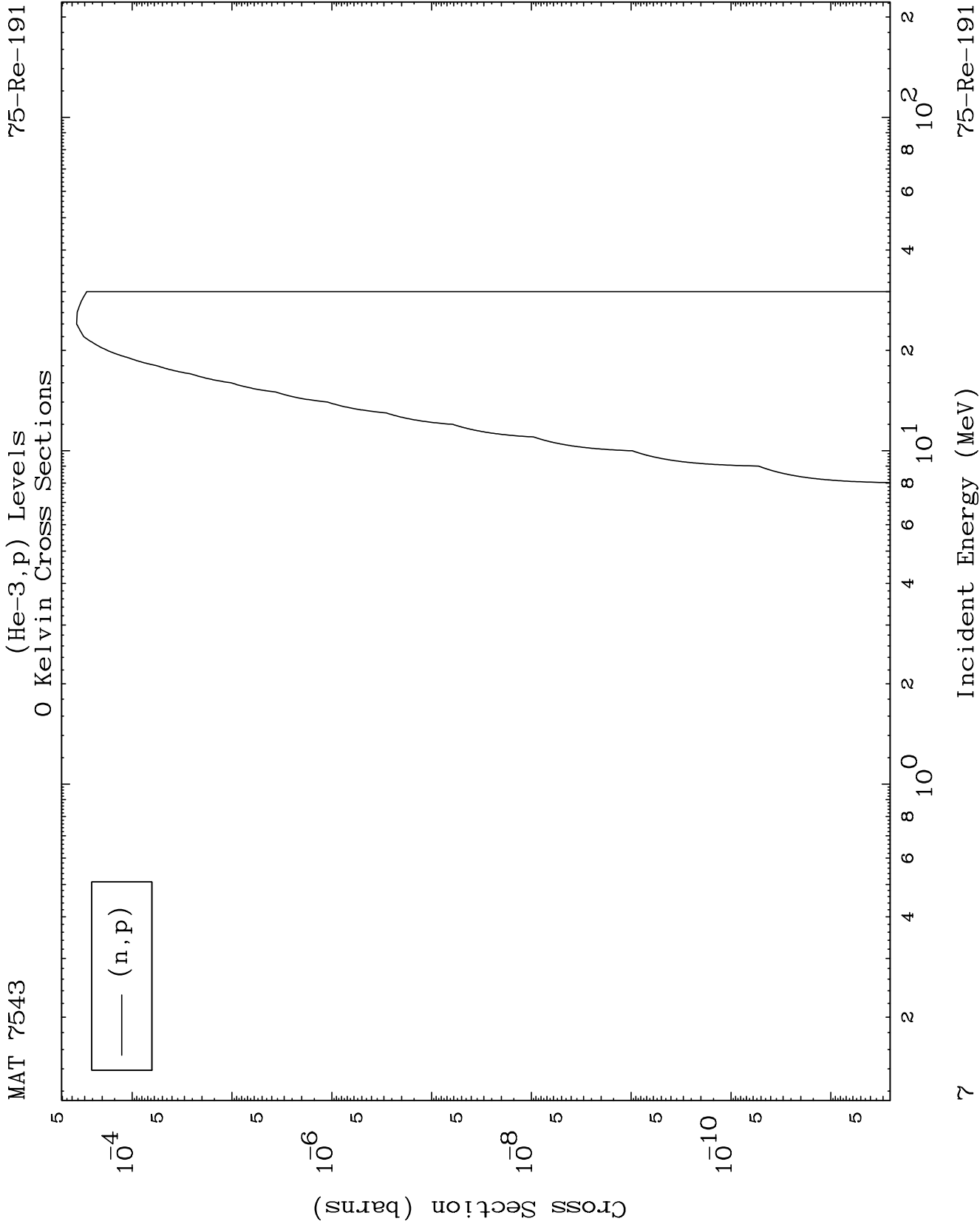


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Incident Energy (MeV)

75-Re-191

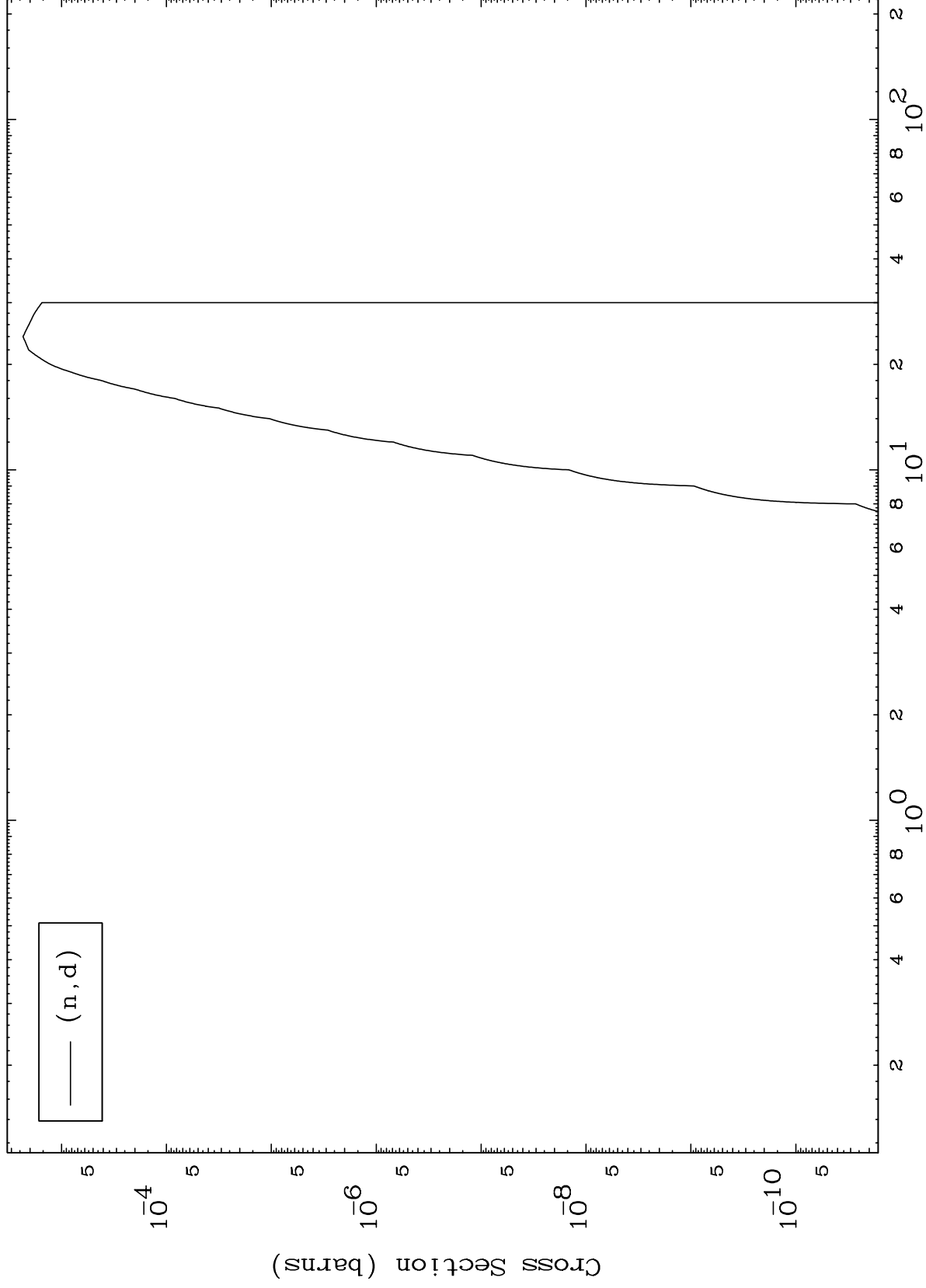




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75-Re-191

(He-3,d) Levels
0 Kelvin Cross Sections



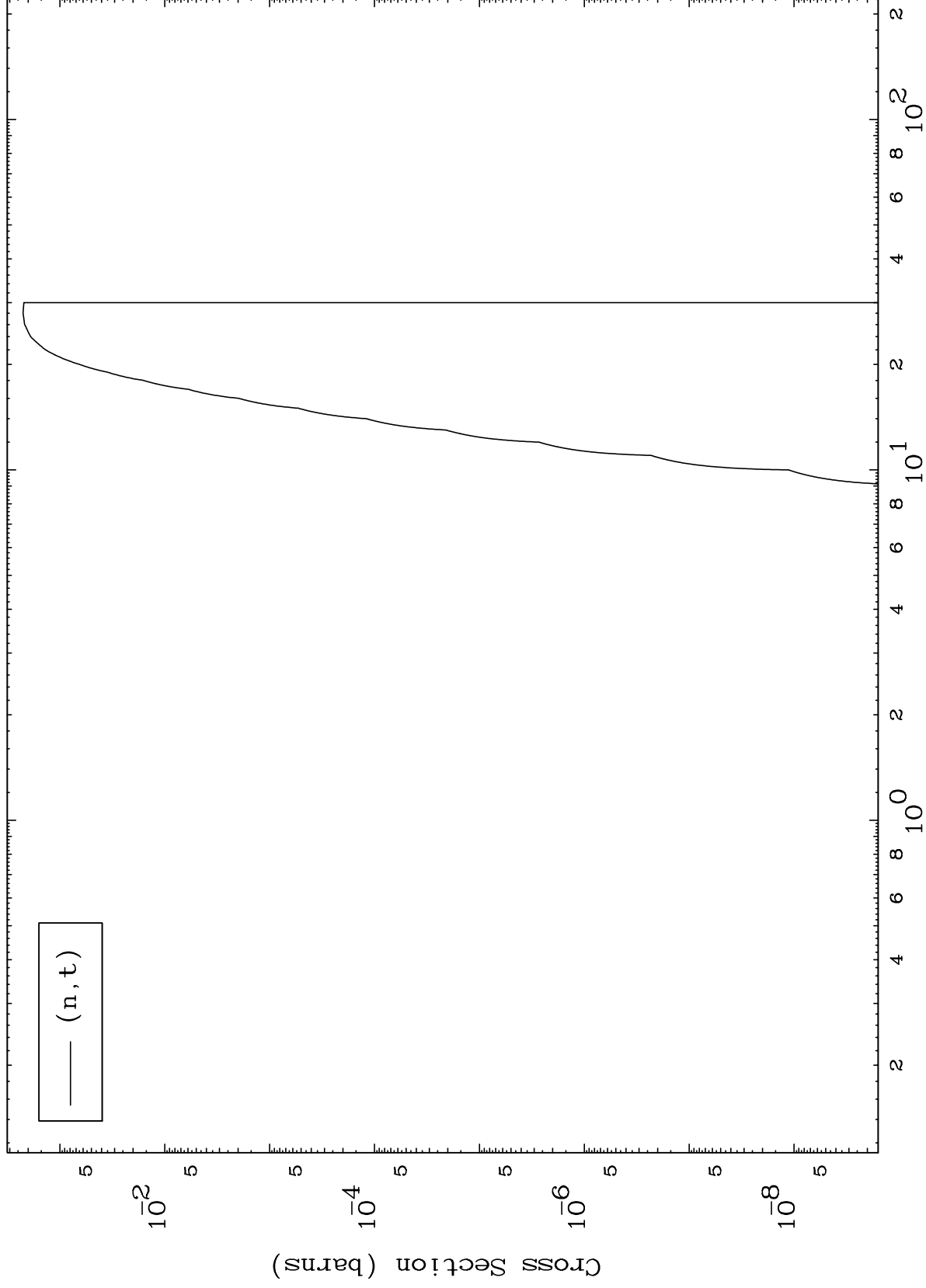
8

75-Re-191

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75-Re-191

(He-3,t) Levels
0 Kelvin Cross Sections

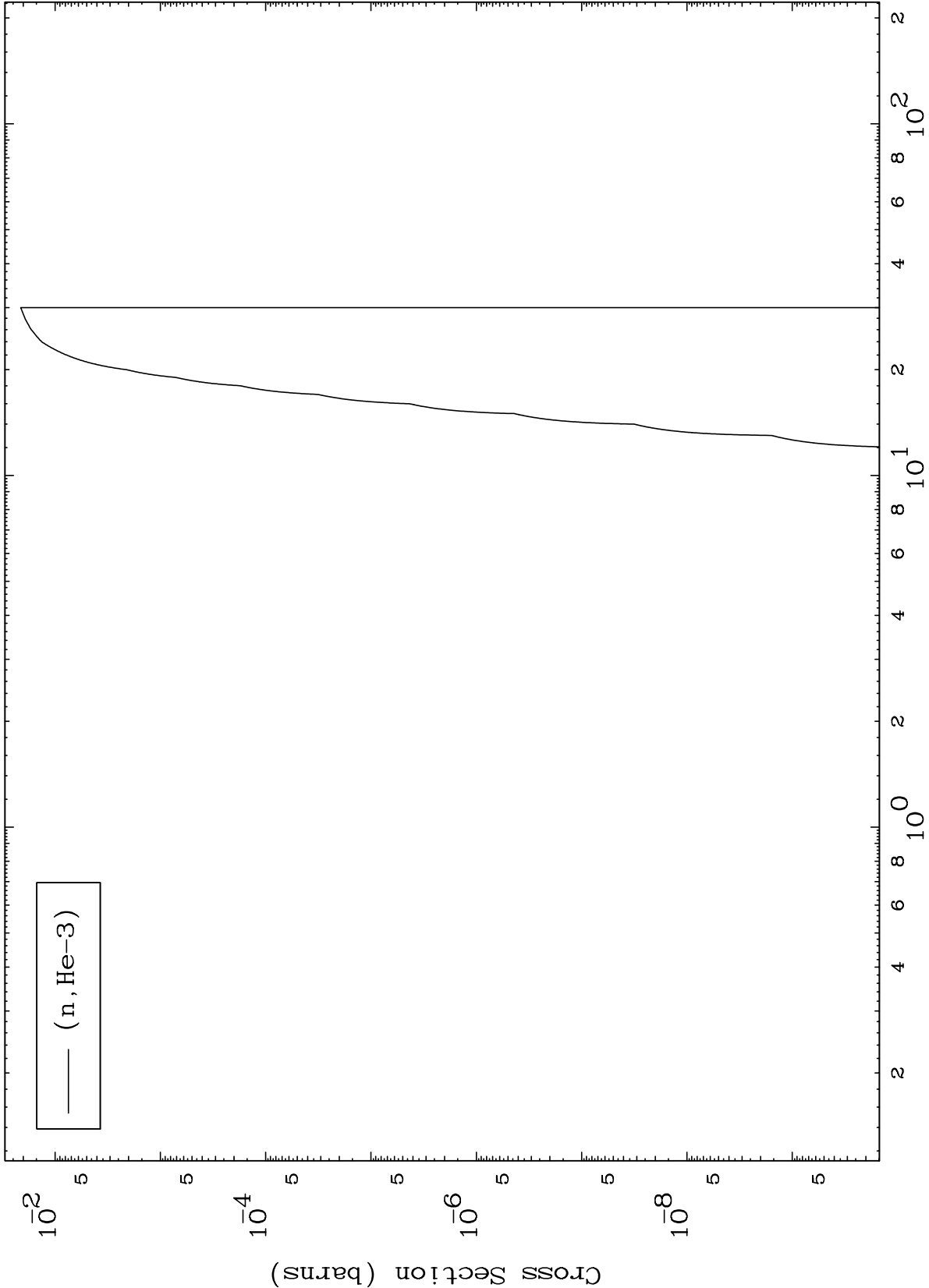


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(He-3, He3) Levels

75-Re-191

0 Kelvin Cross Sections



— (n, He-3)

10

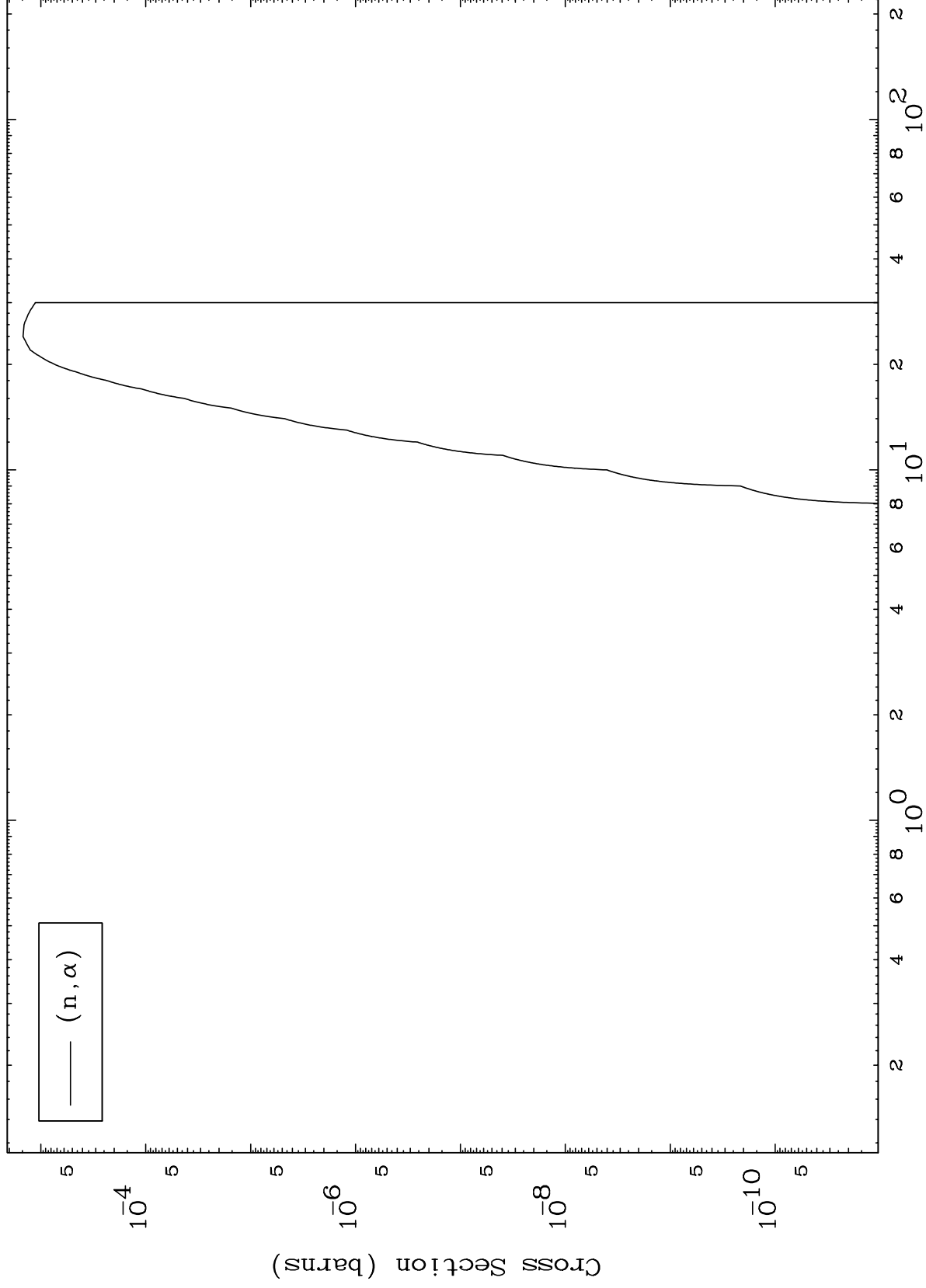
Incident Energy (MeV)

75-Re-191

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75-Re-191

(He-3, α) Levels
0 Kelvin Cross Sections



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Incident Energy (MeV)

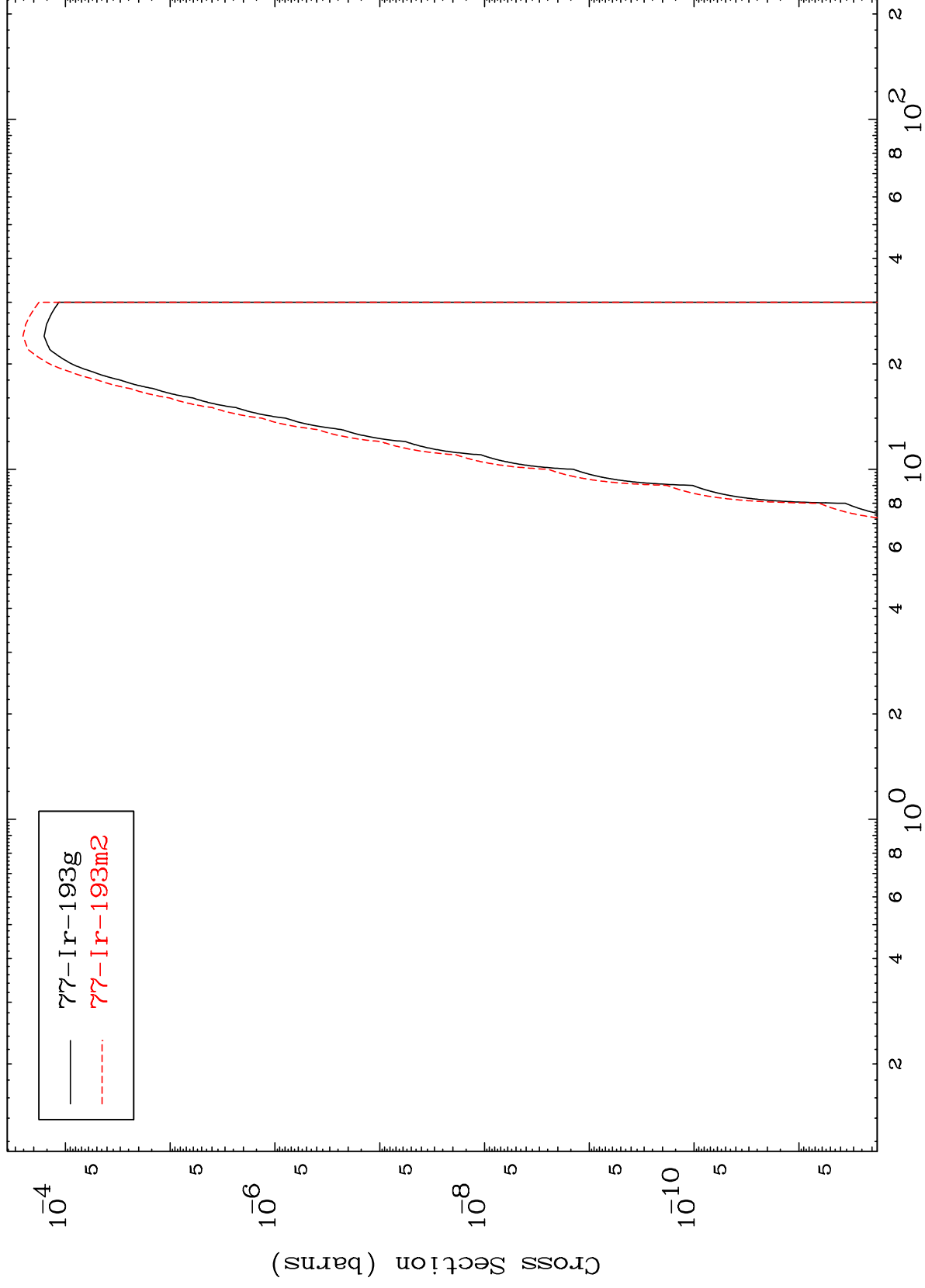
75-Re-191

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Inelastic

75-Re-191

Radionuclide Production Cross Section



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Incident Energy (MeV)

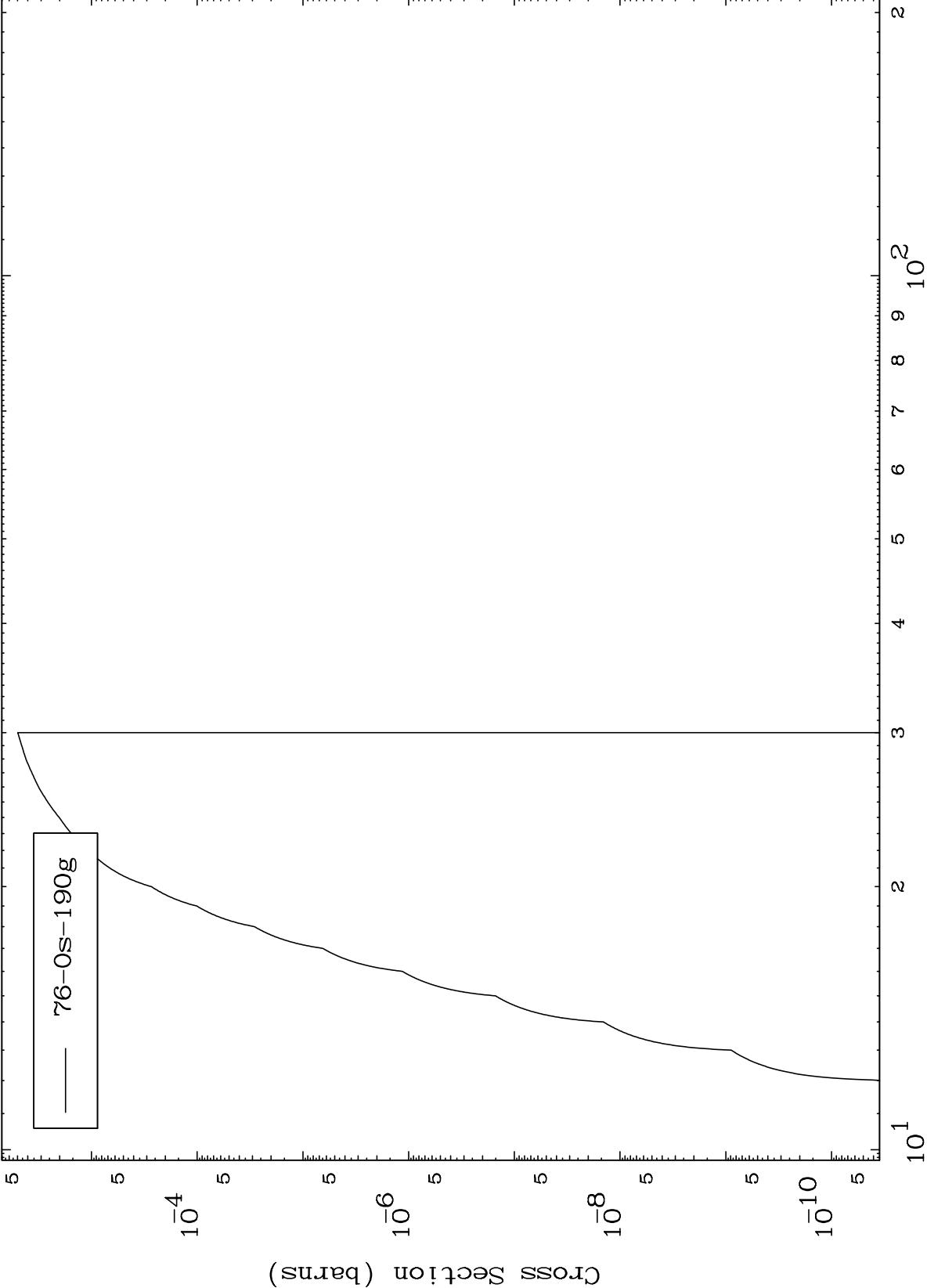
75-Re-191

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(n,2n) d

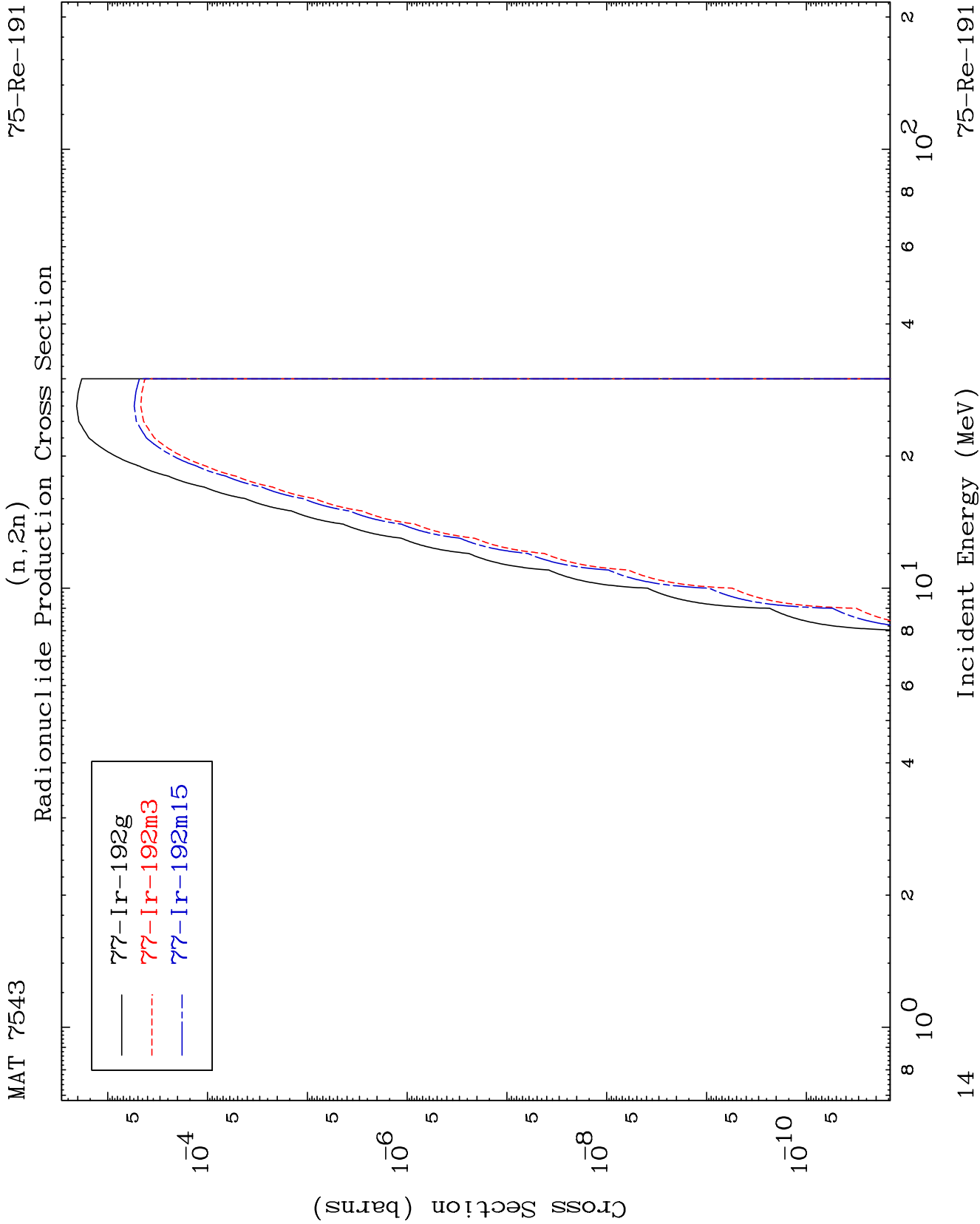
75-Re-191

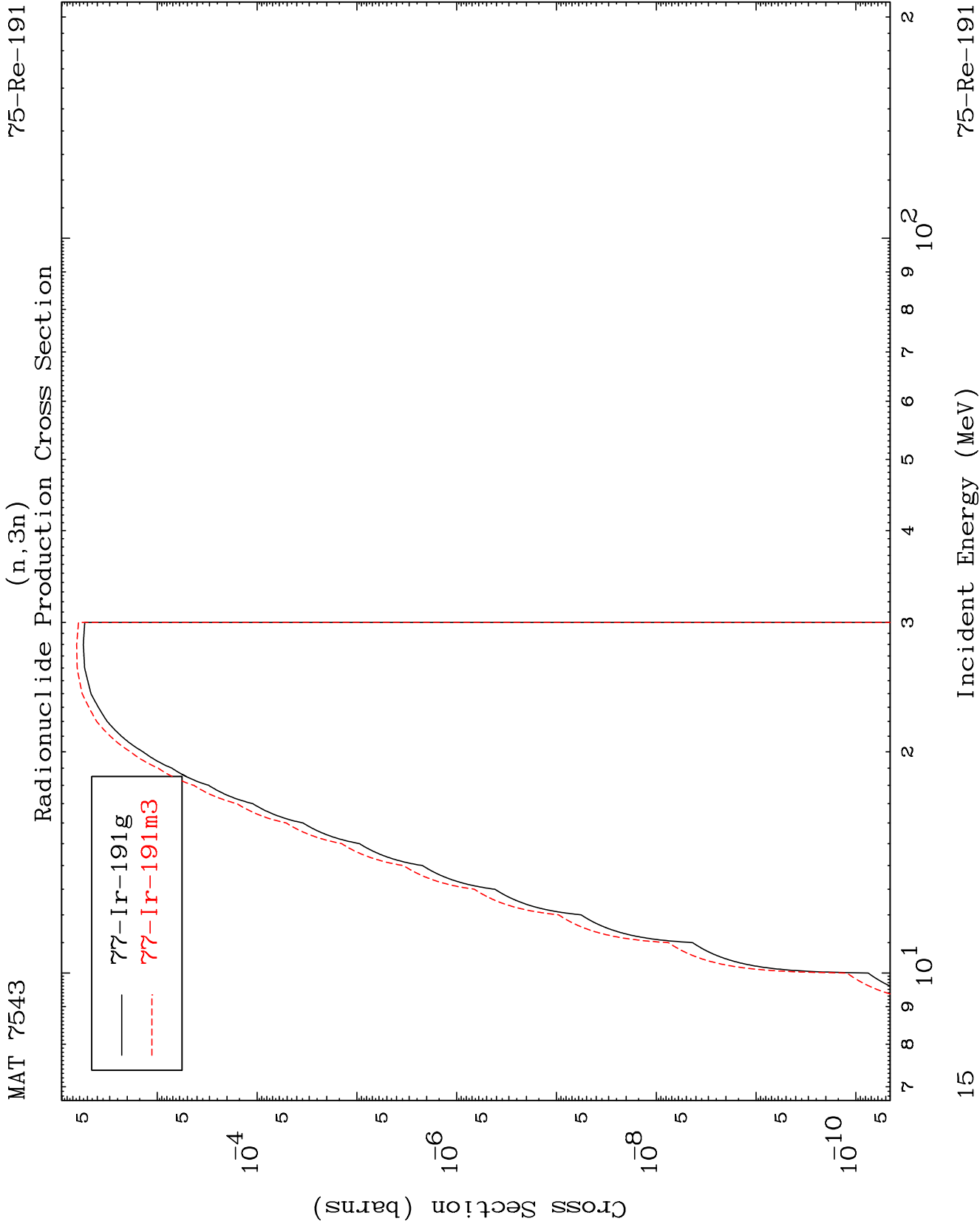
Radionuclide Production Cross Section

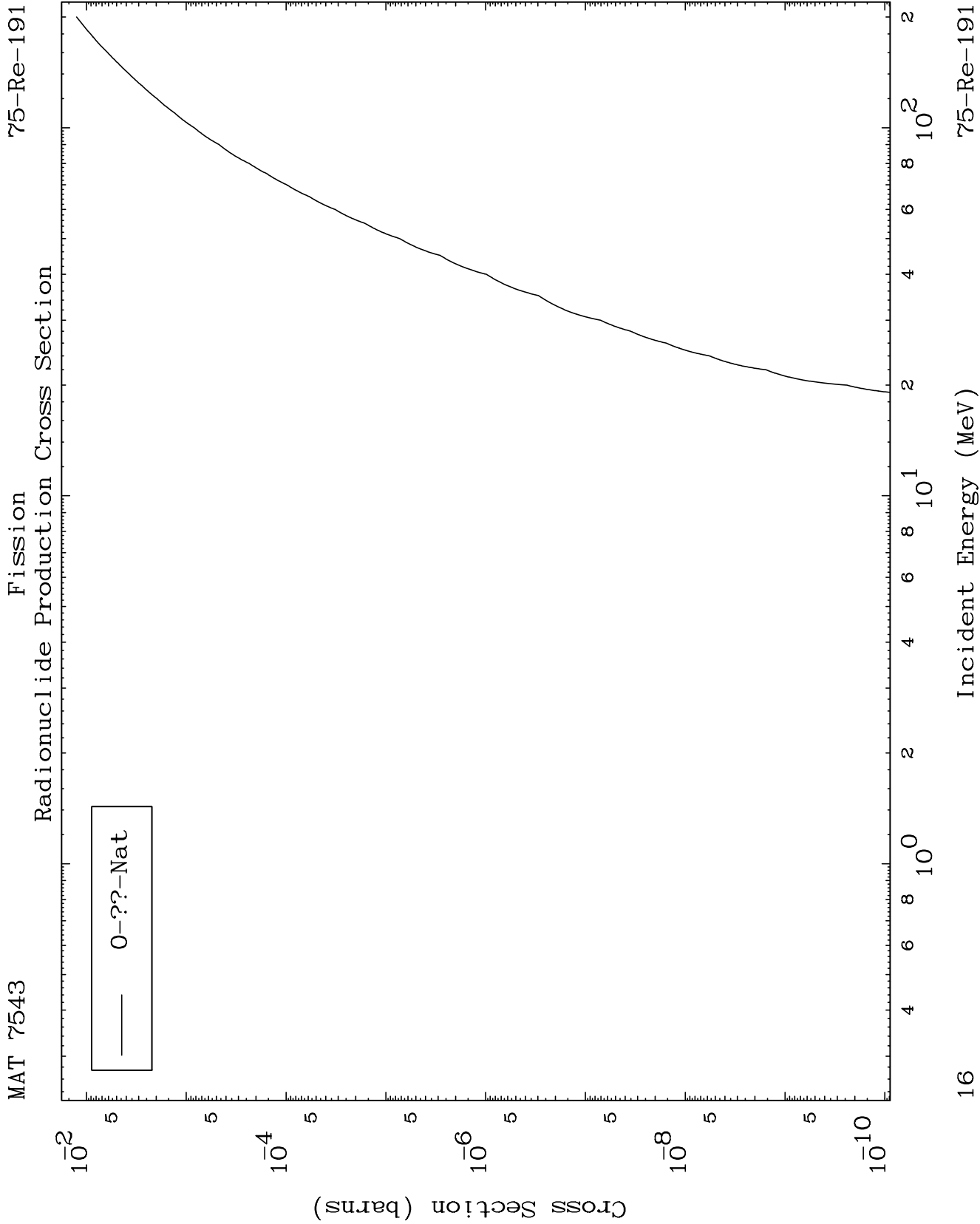


Incident Energy (MeV)

75-Re-191





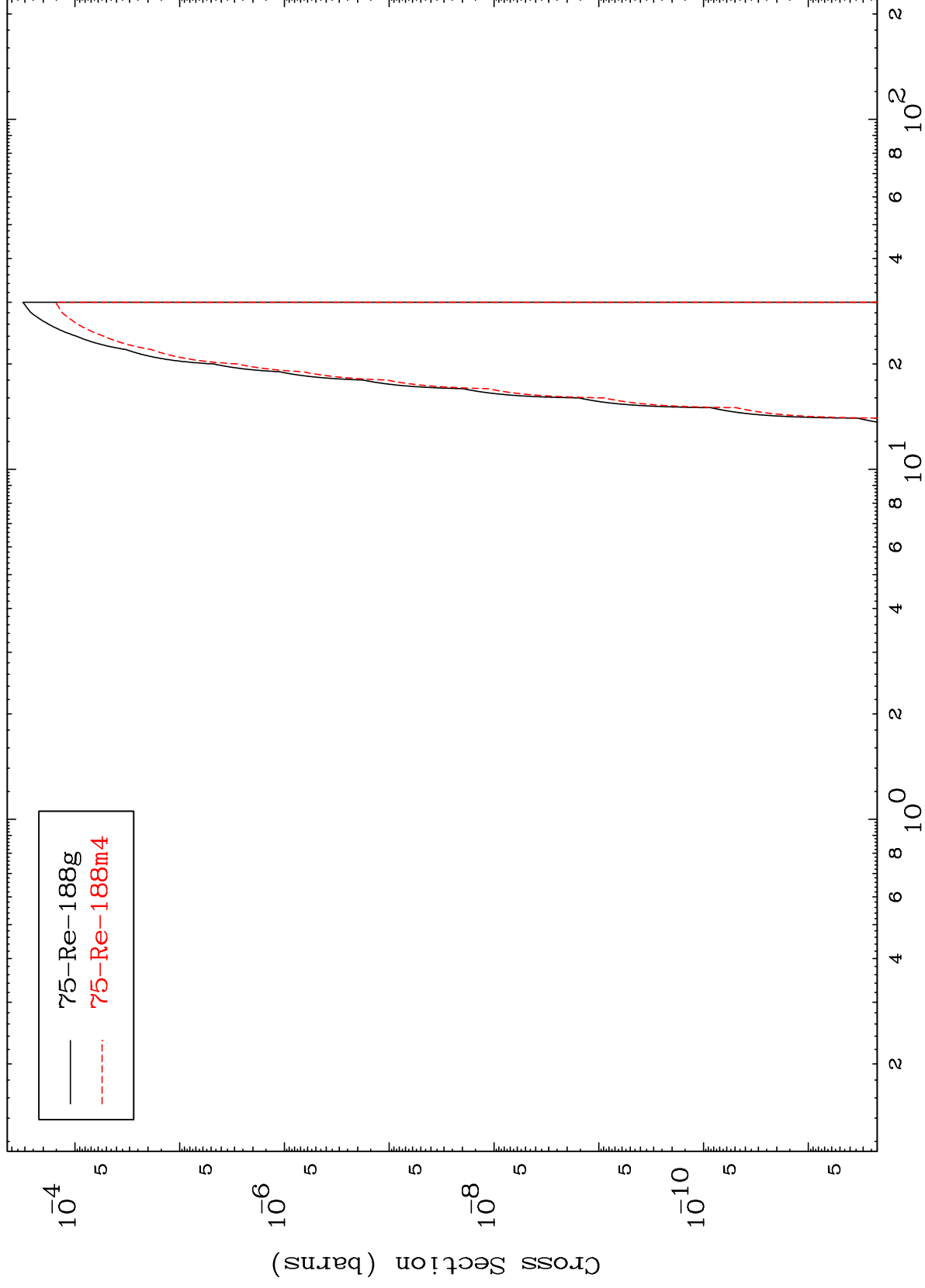


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$(n,2n) \alpha$

$^{75}\text{Re-191}$

Radionuclide Production Cross Section



17

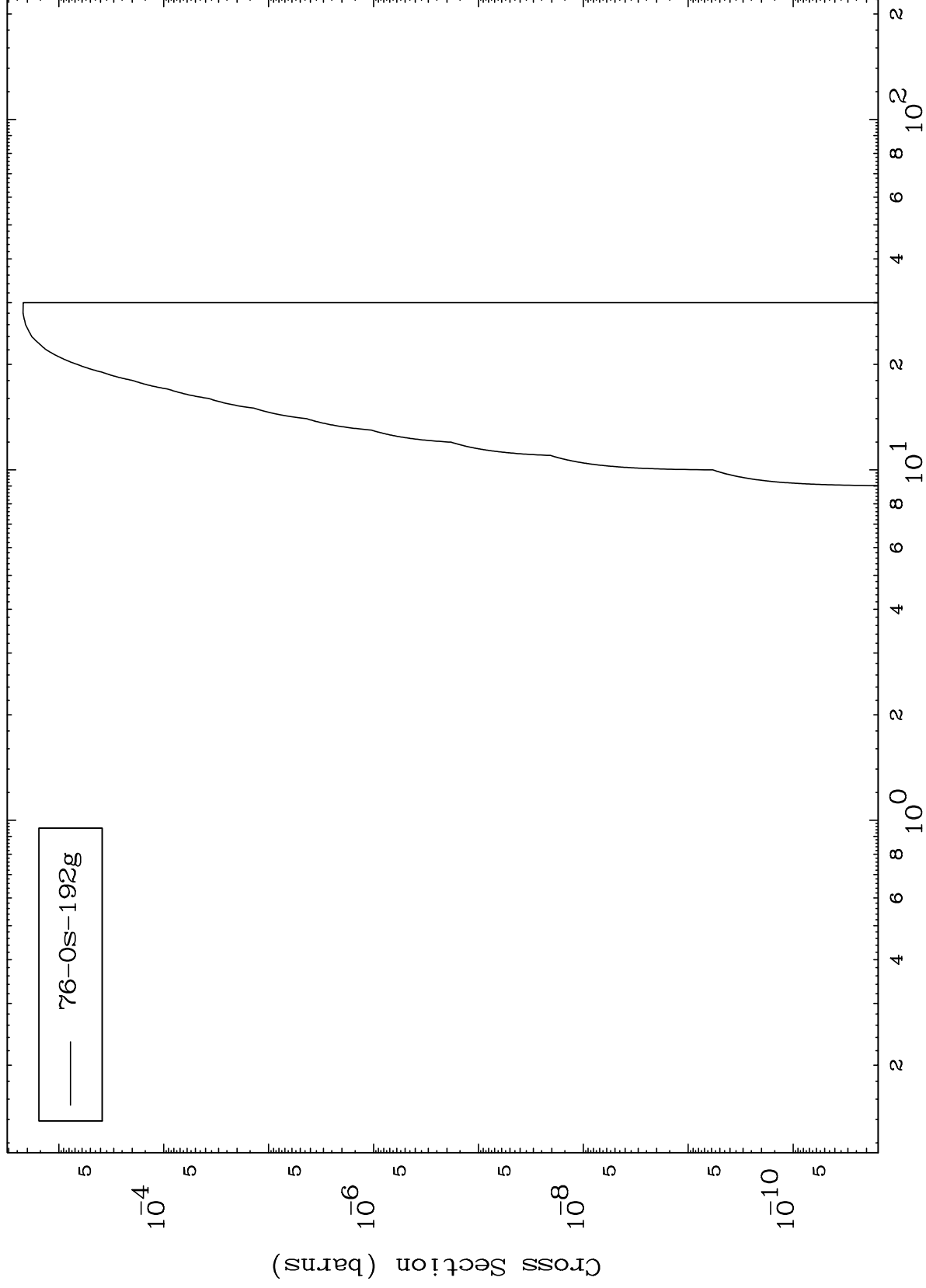
Incident Energy (MeV)

$^{75}\text{Re-191}$

MAT 7543

75-Re-191

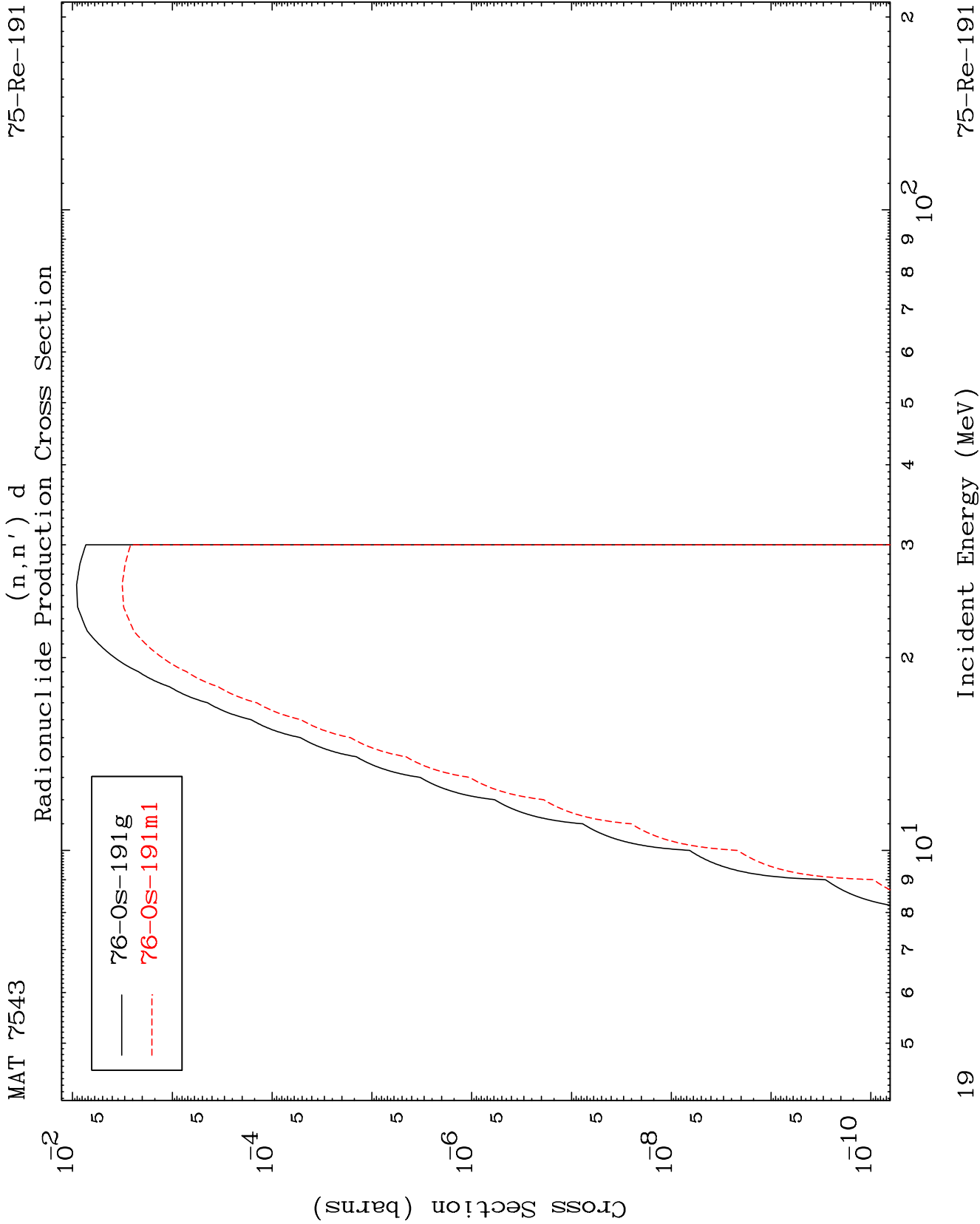
(n,n') p
Radionuclide Production Cross Section



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Incident Energy (MeV)

75-Re-191

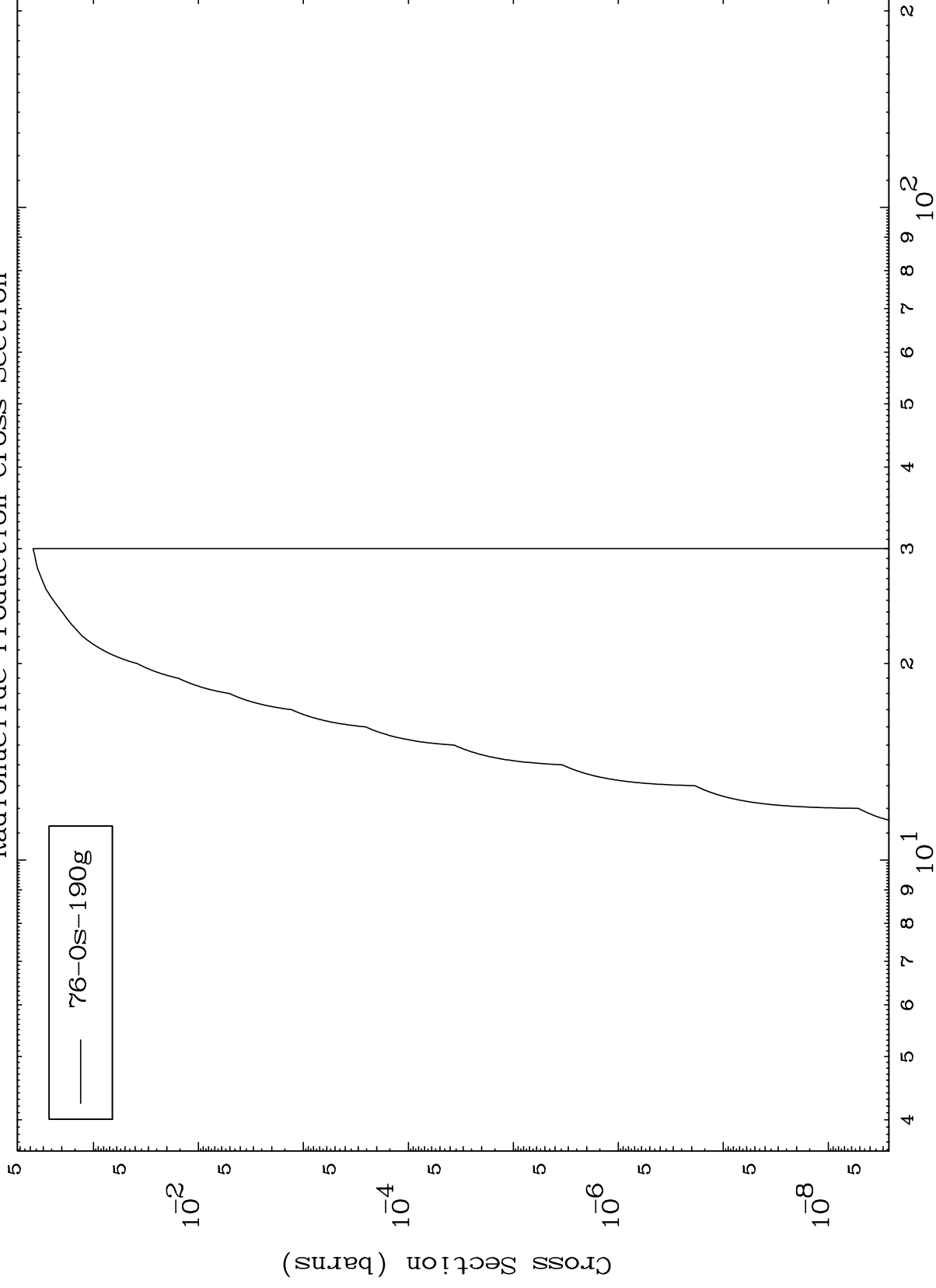


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75-Re-191

(n,n') t

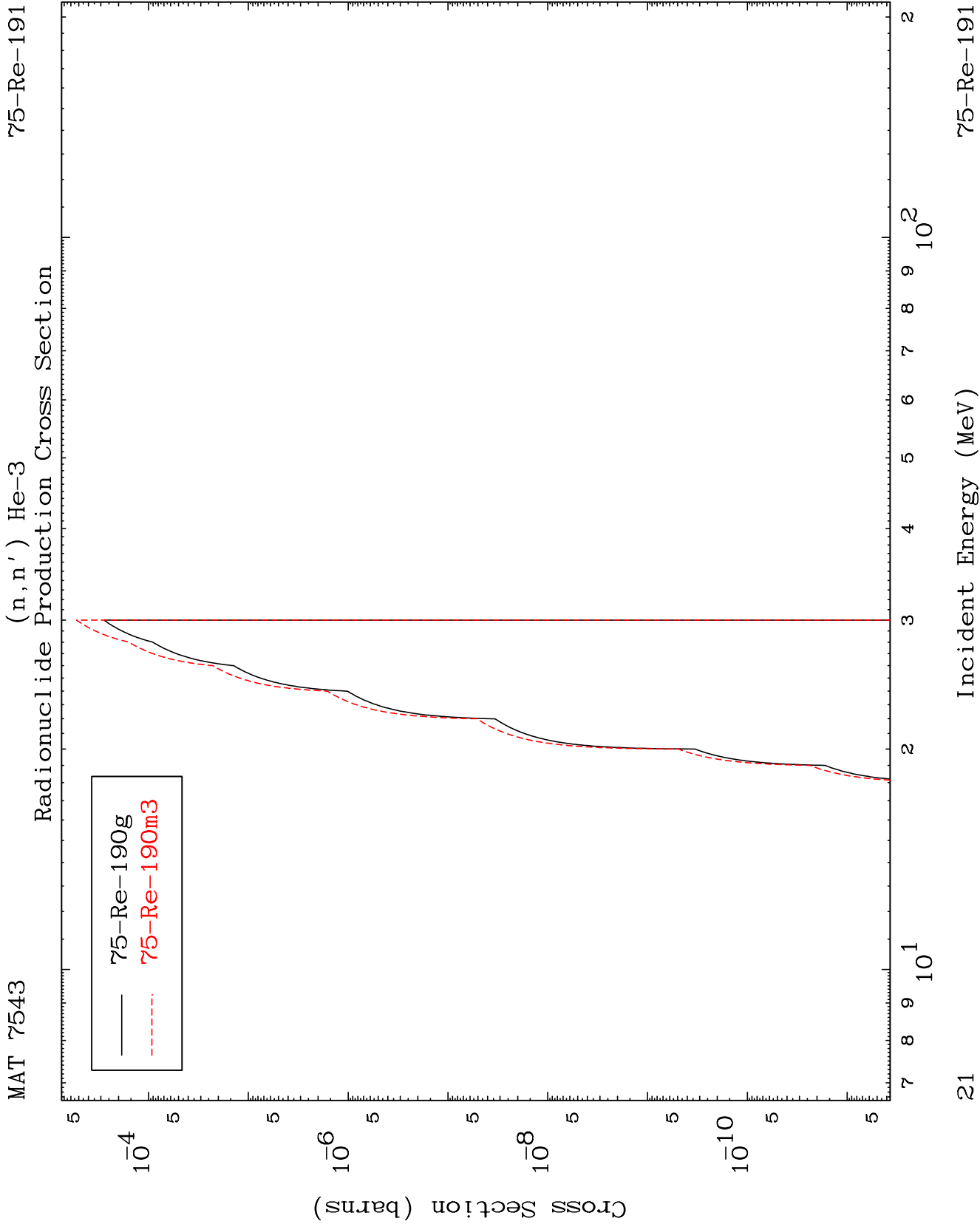
Radionuclide Production Cross Section



Incident Energy (MeV)

75-Re-191

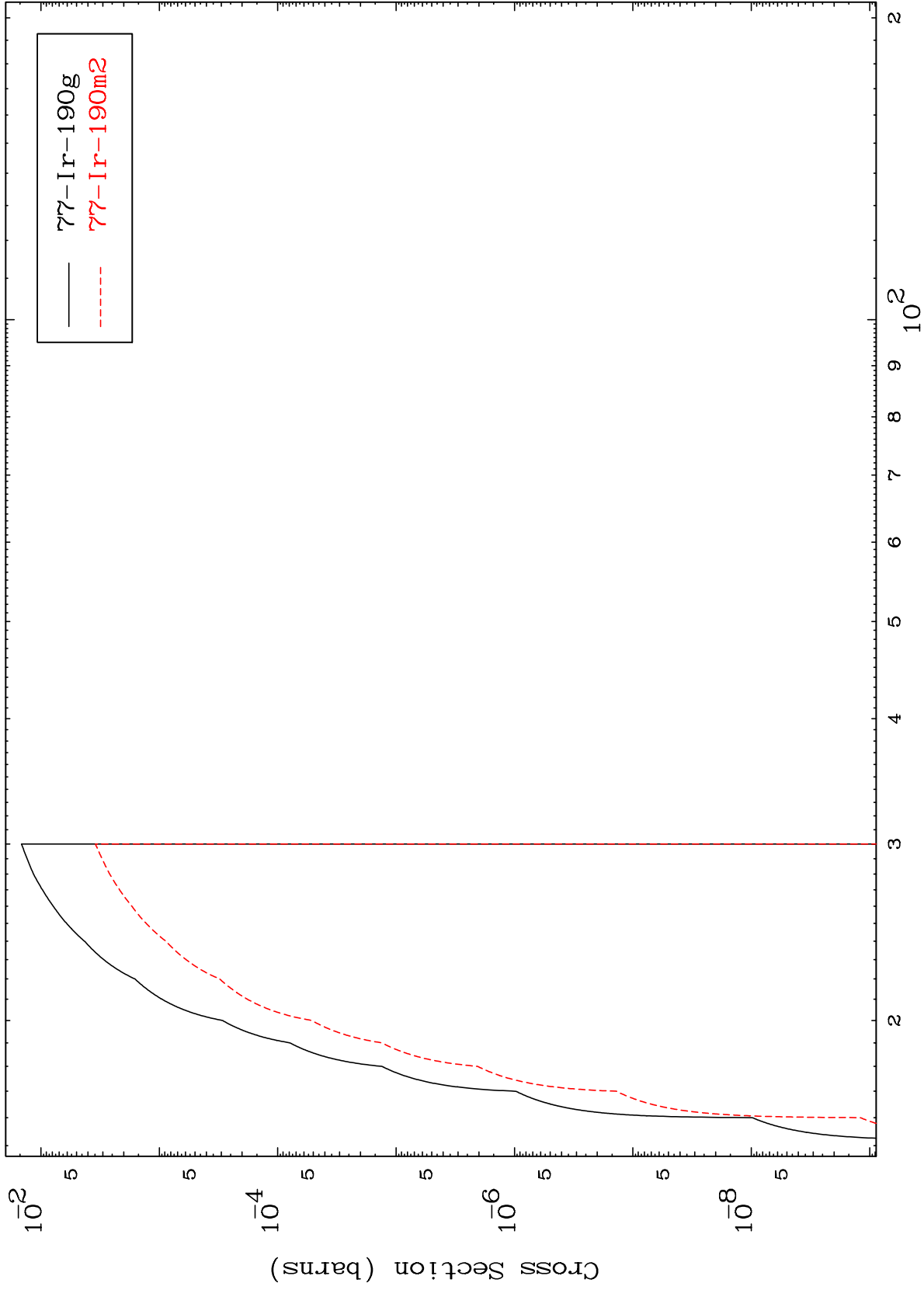
20



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75-Re-191

$(n,4n)$
Radionuclide Production Cross Section



22

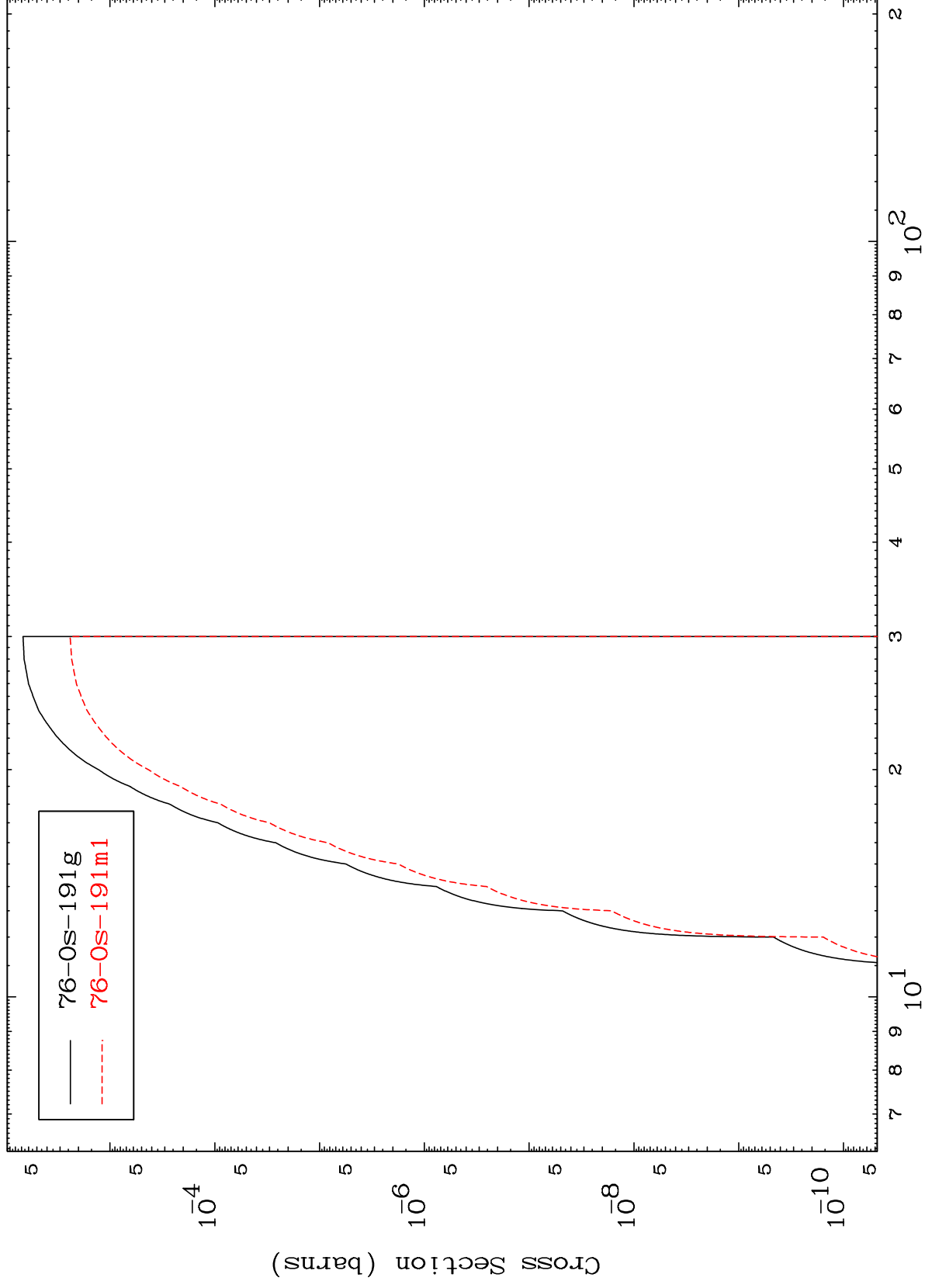
Incident Energy (MeV)

75-Re-191

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⁷⁵Re-¹⁹¹

Radionuclide Production Cross Section

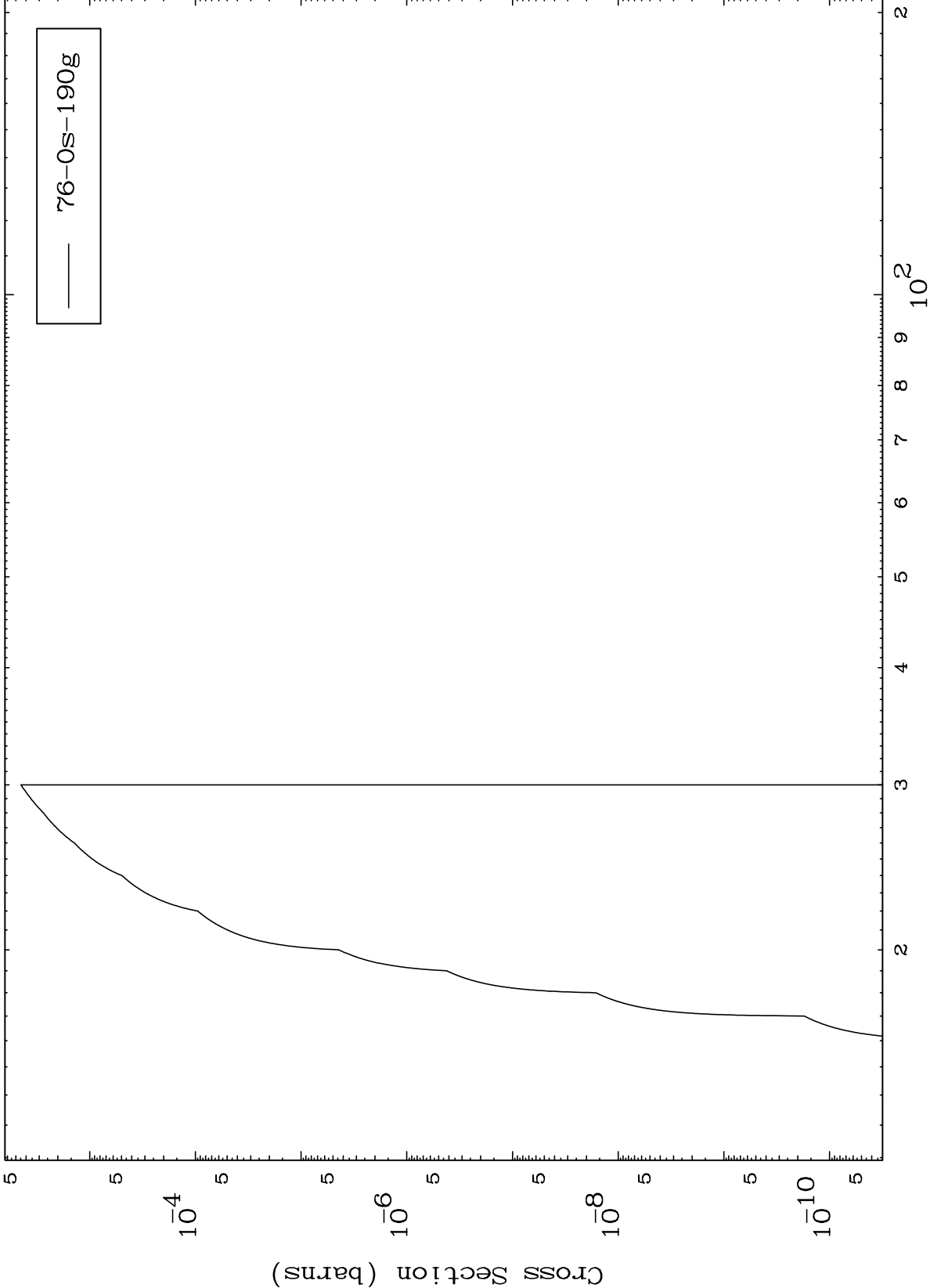


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Incident Energy (MeV)

⁷⁵Re-¹⁹¹

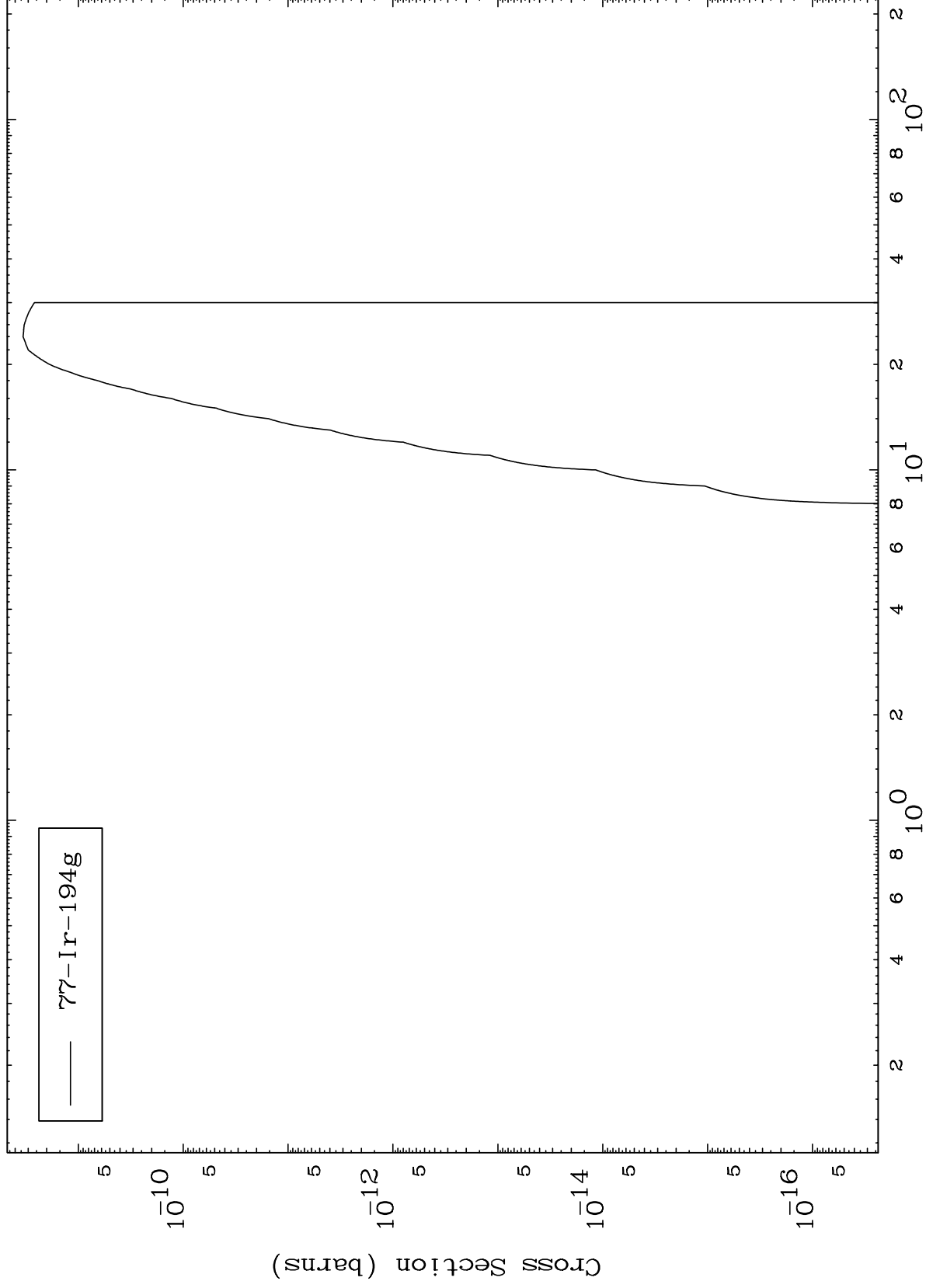
(n,3n) p
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(n, γ)



25

Incident Energy (MeV)

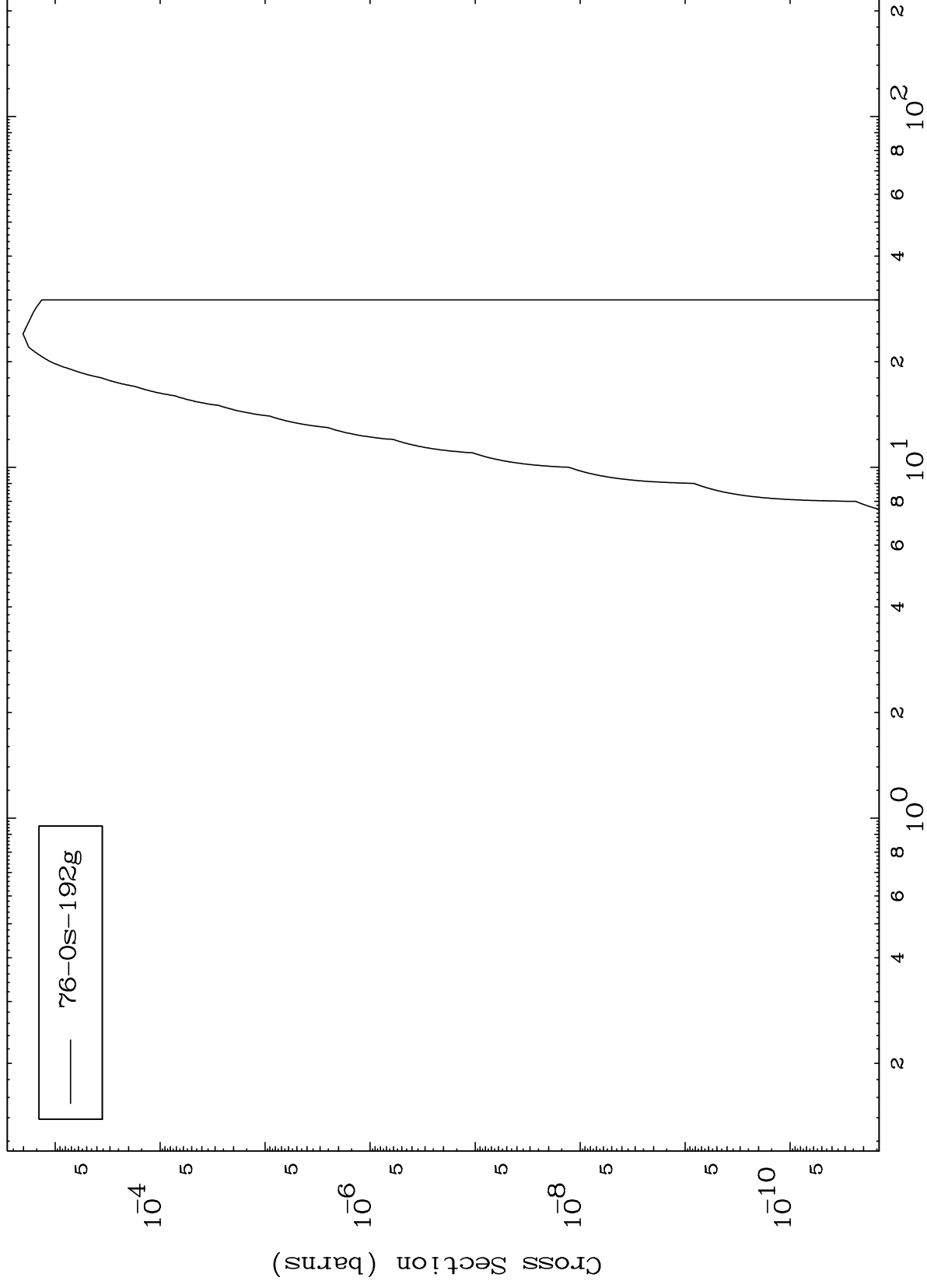
75-Re-191

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(n,d)

75-Re-191

Radionuclide Production Cross Section



26

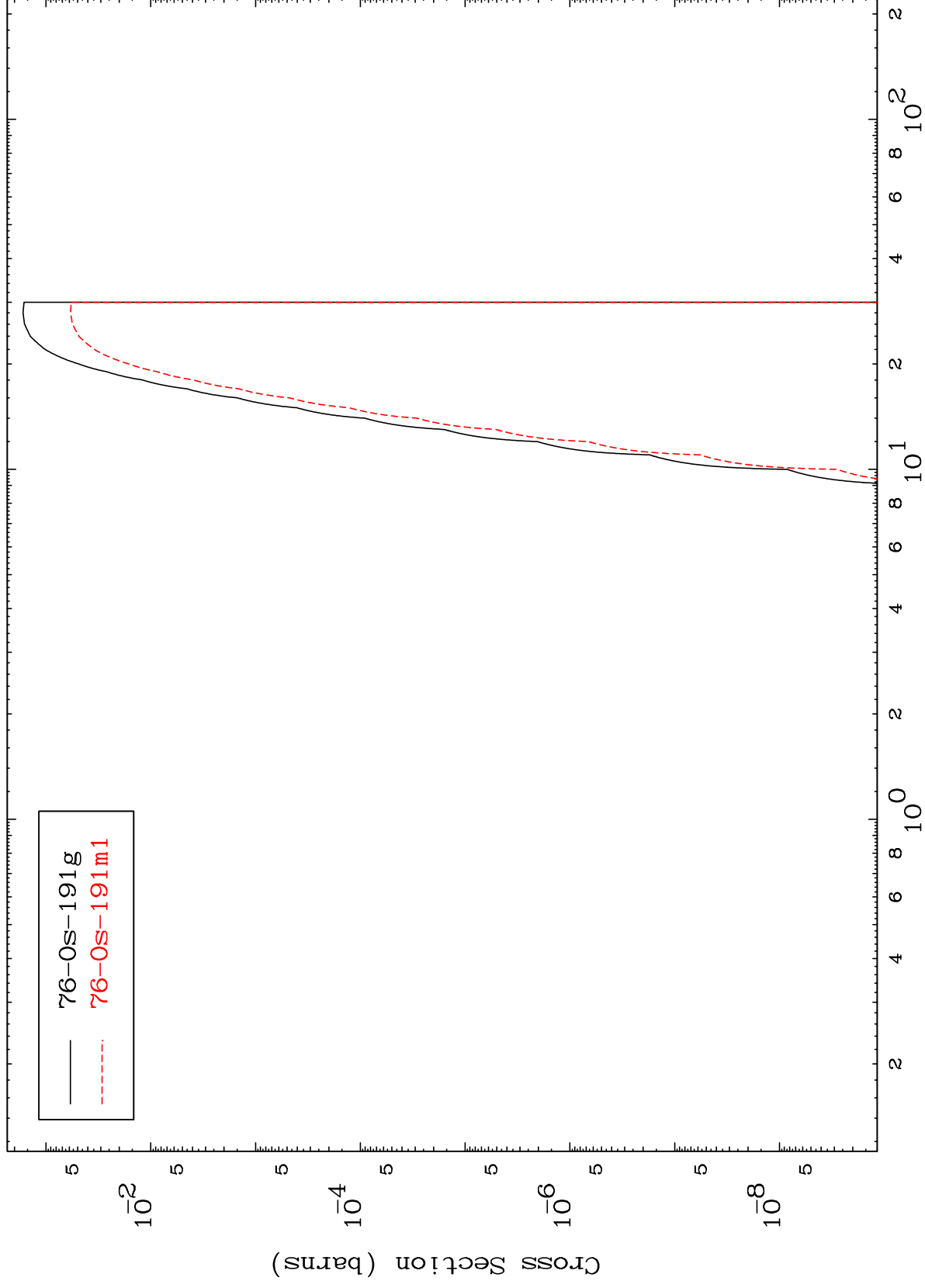
Incident Energy (MeV)

75-Re-191

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75-Re-191

Radionuclide Production Cross Section
(n,t)



27

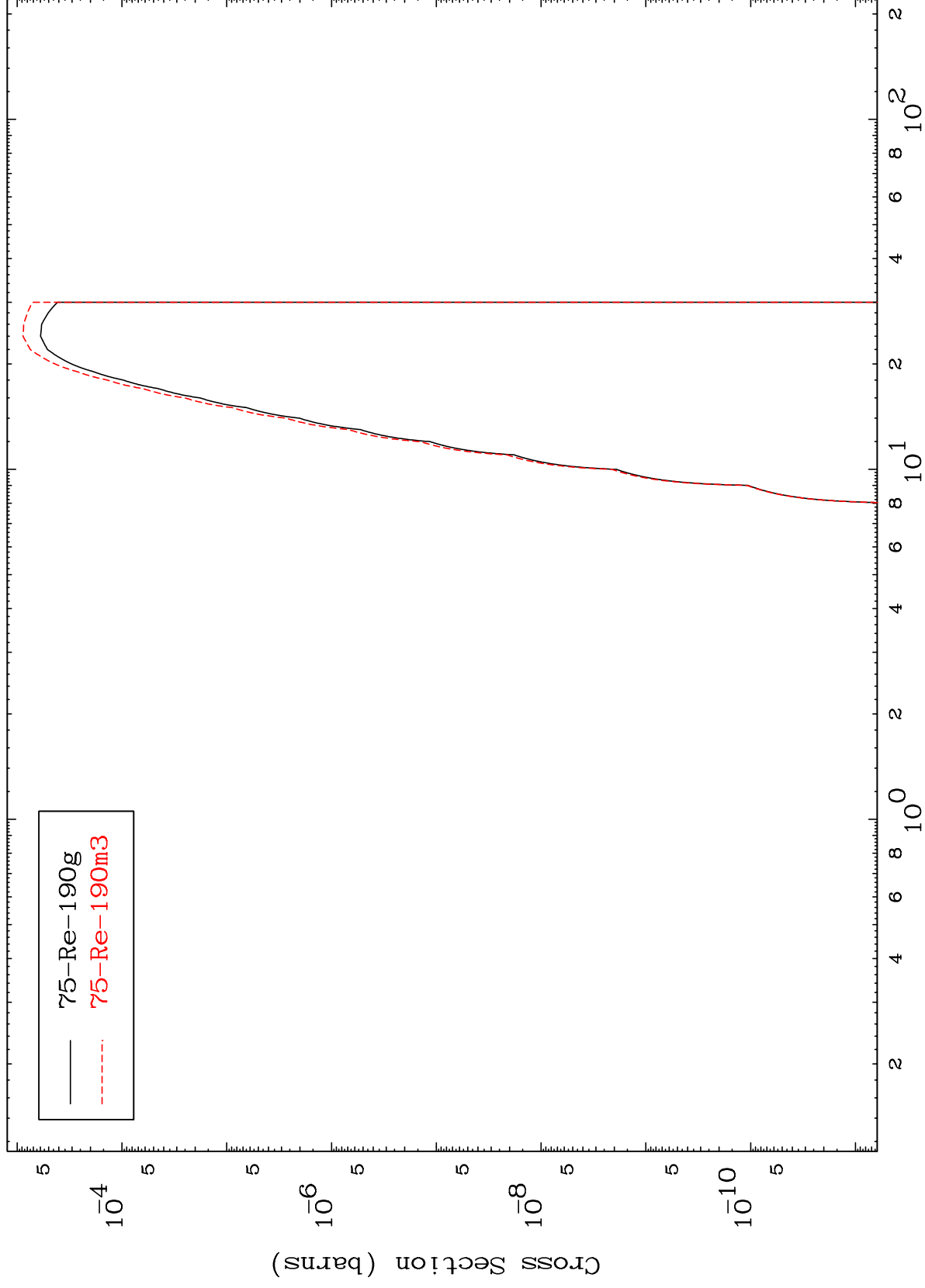
75-Re-191

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(n, α)

75-Re-191

Radionuclide Production Cross Section



28

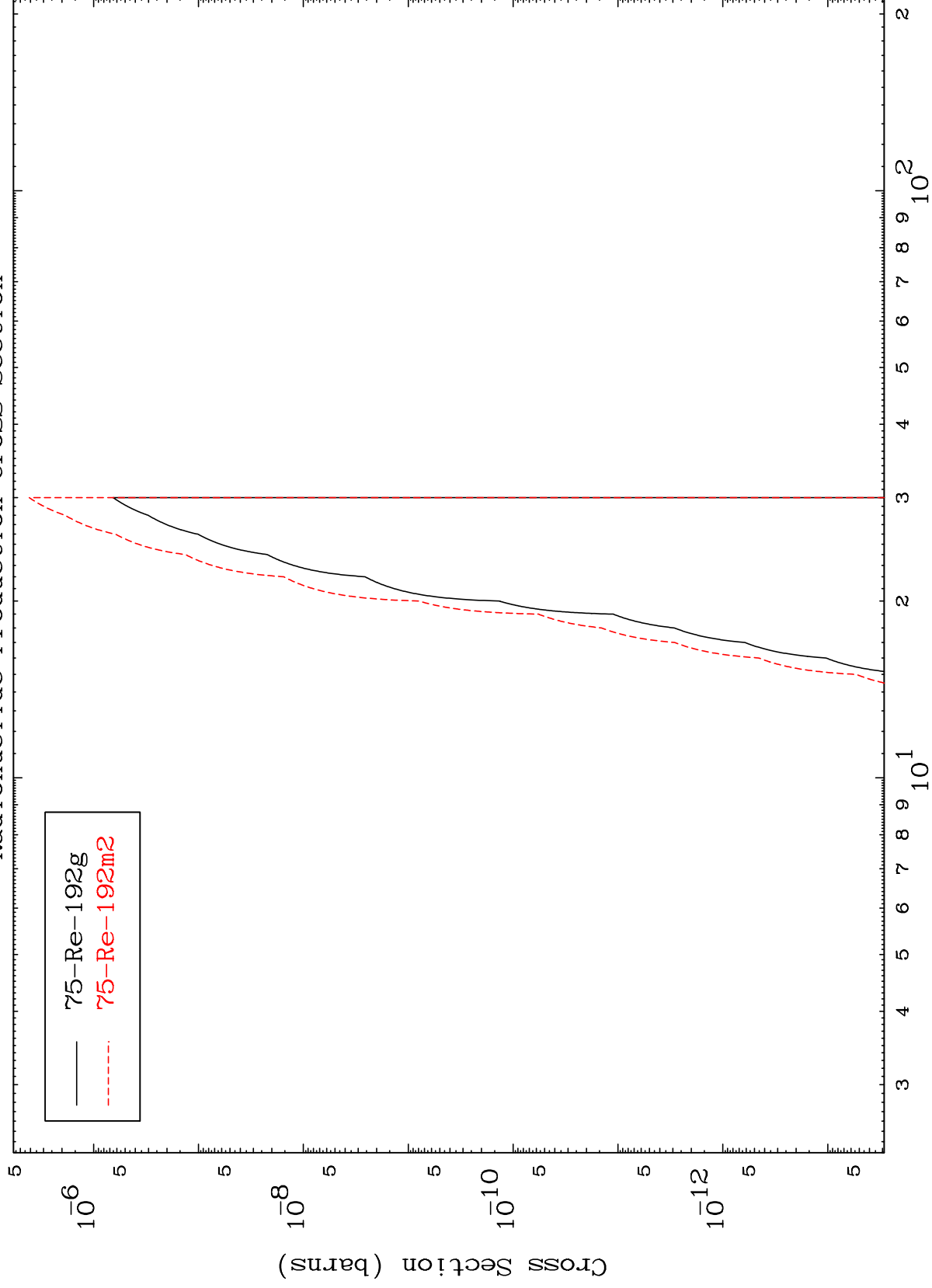
Incident Energy (MeV)

75-Re-191

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75-Re-191

(n,2p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

75-Re-191

