

Program EVALPLOT
(Version 2021-1)

by

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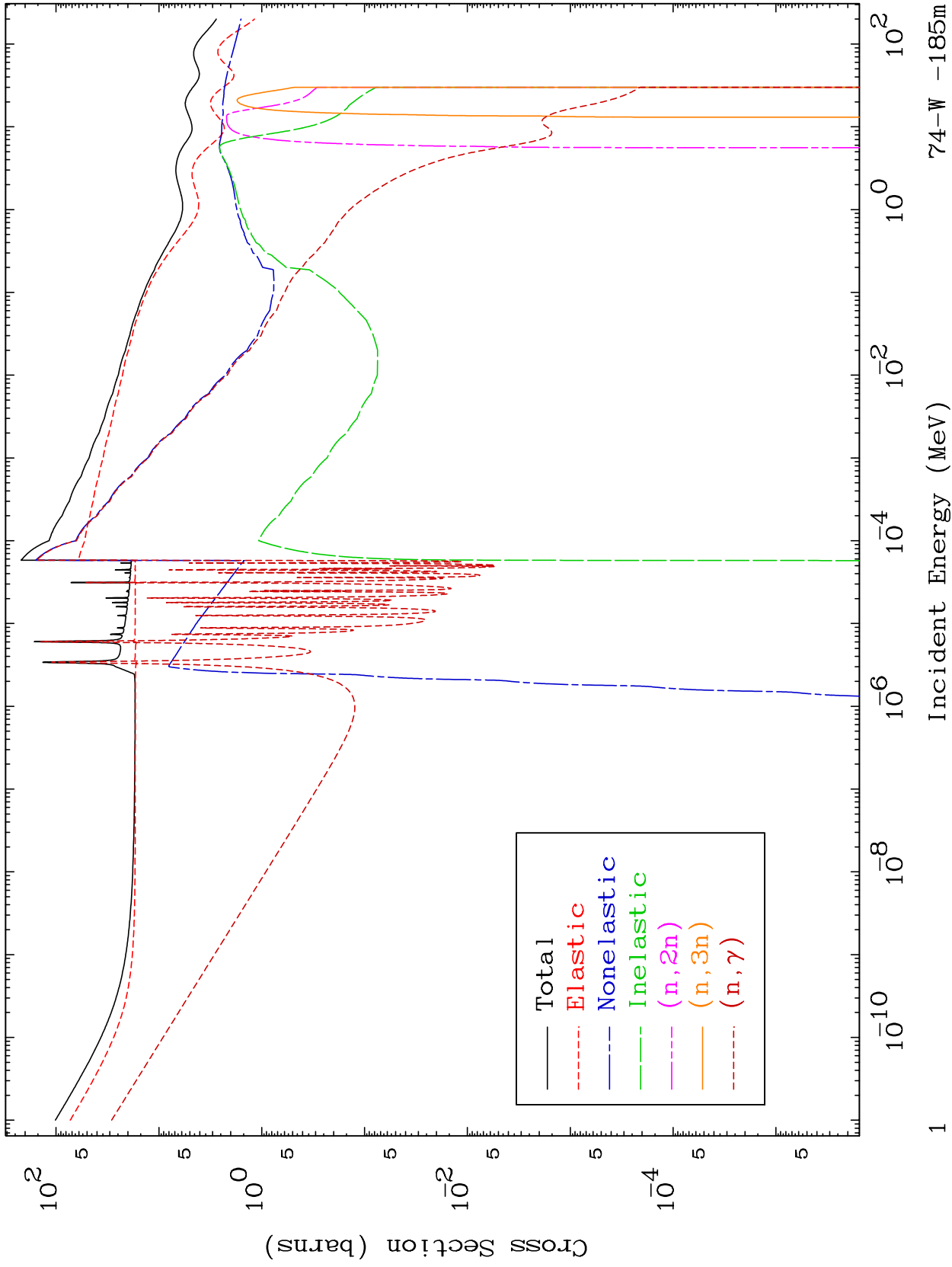
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7441

Neutron Major
293 Kelvin Cross Sections

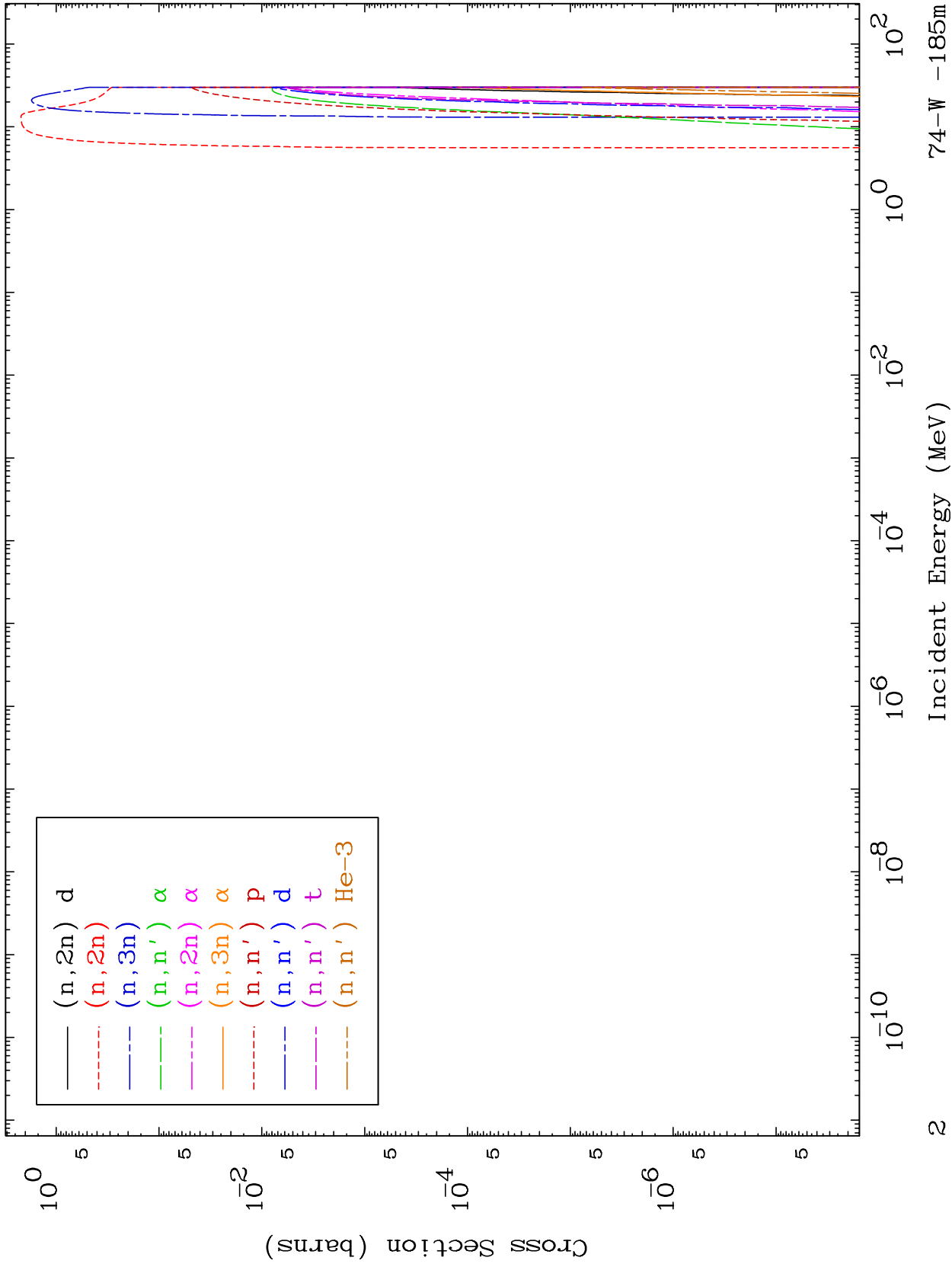
74-W -185m



MAT 7441

Neutron Absorption
293 Kelvin Cross Sections

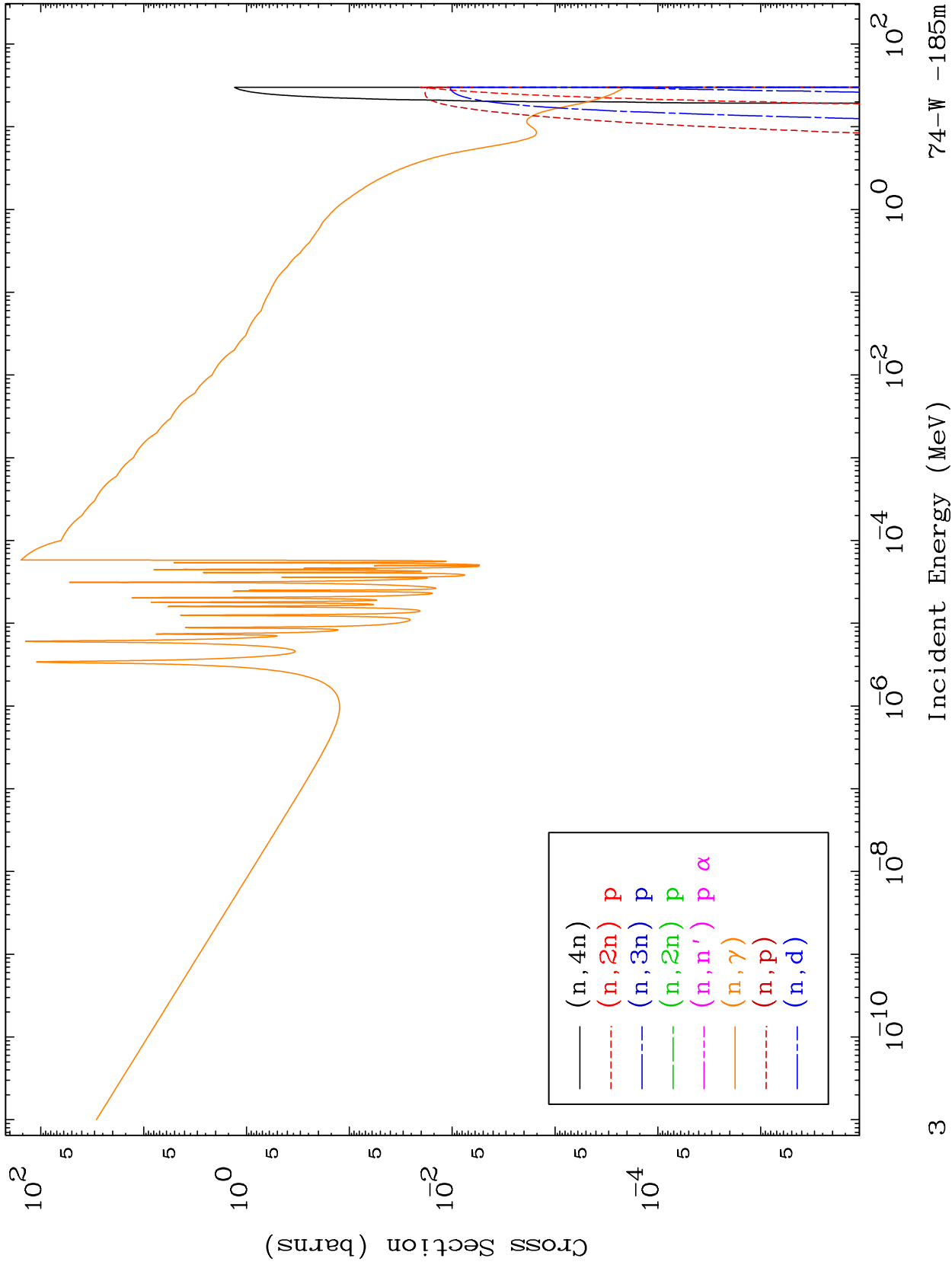
74-W -185m



MAT 7441

Neutron Absorption
293 Kelvin Cross Sections

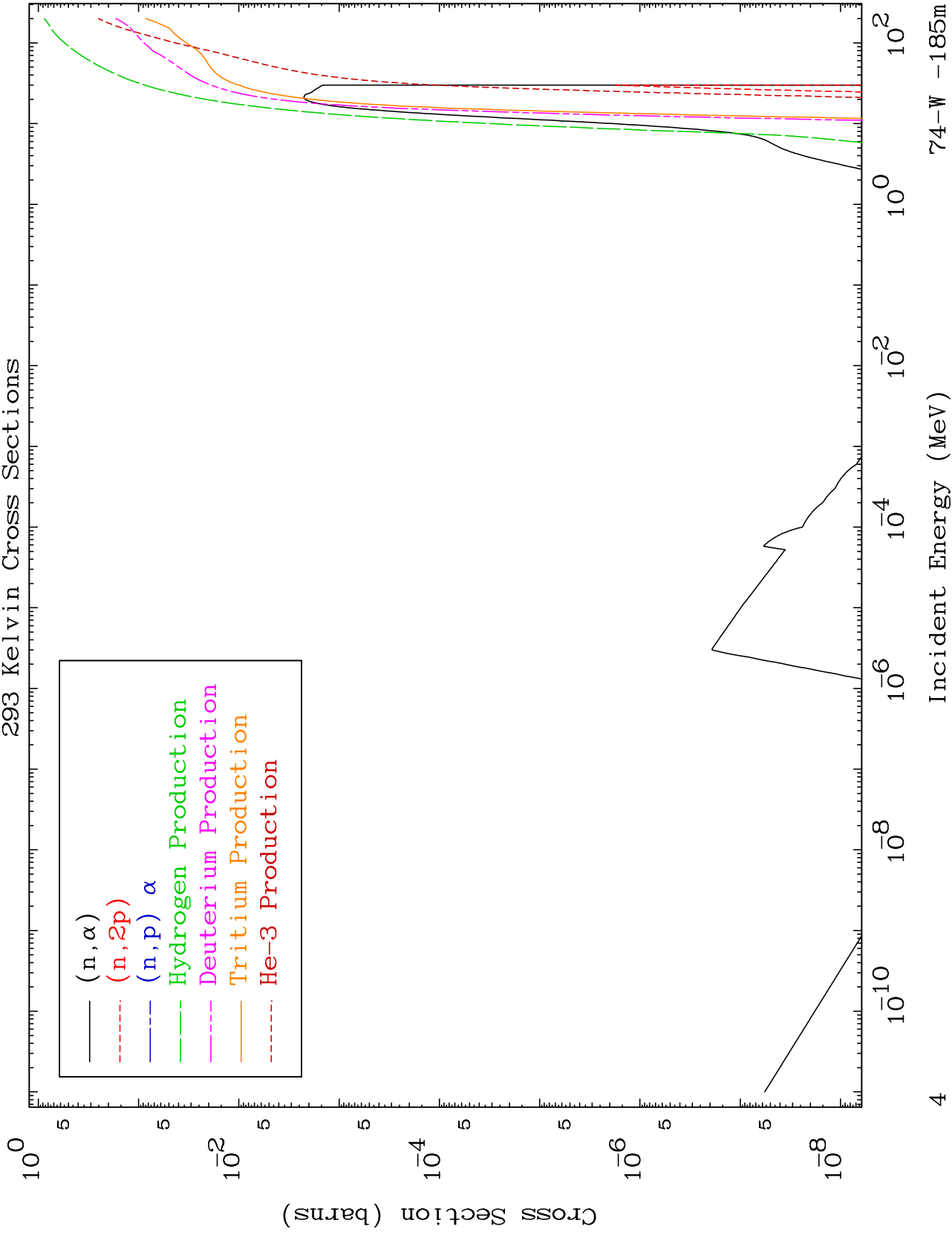
74-W -185m



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Neutron Absorption
293 Kelvin Cross Sections

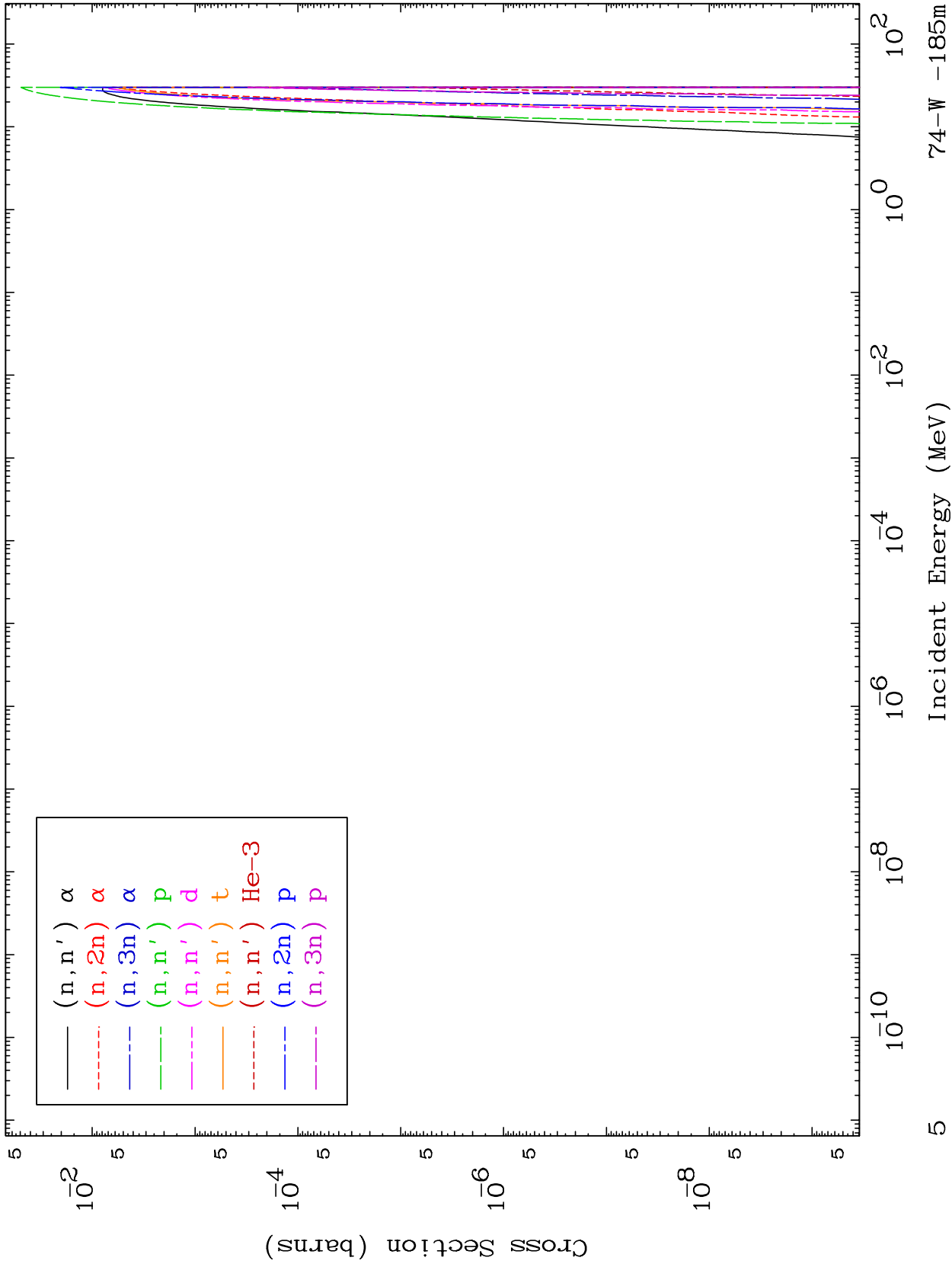
74-W -185m



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Charged Particle
293 Kelvin Cross Sections

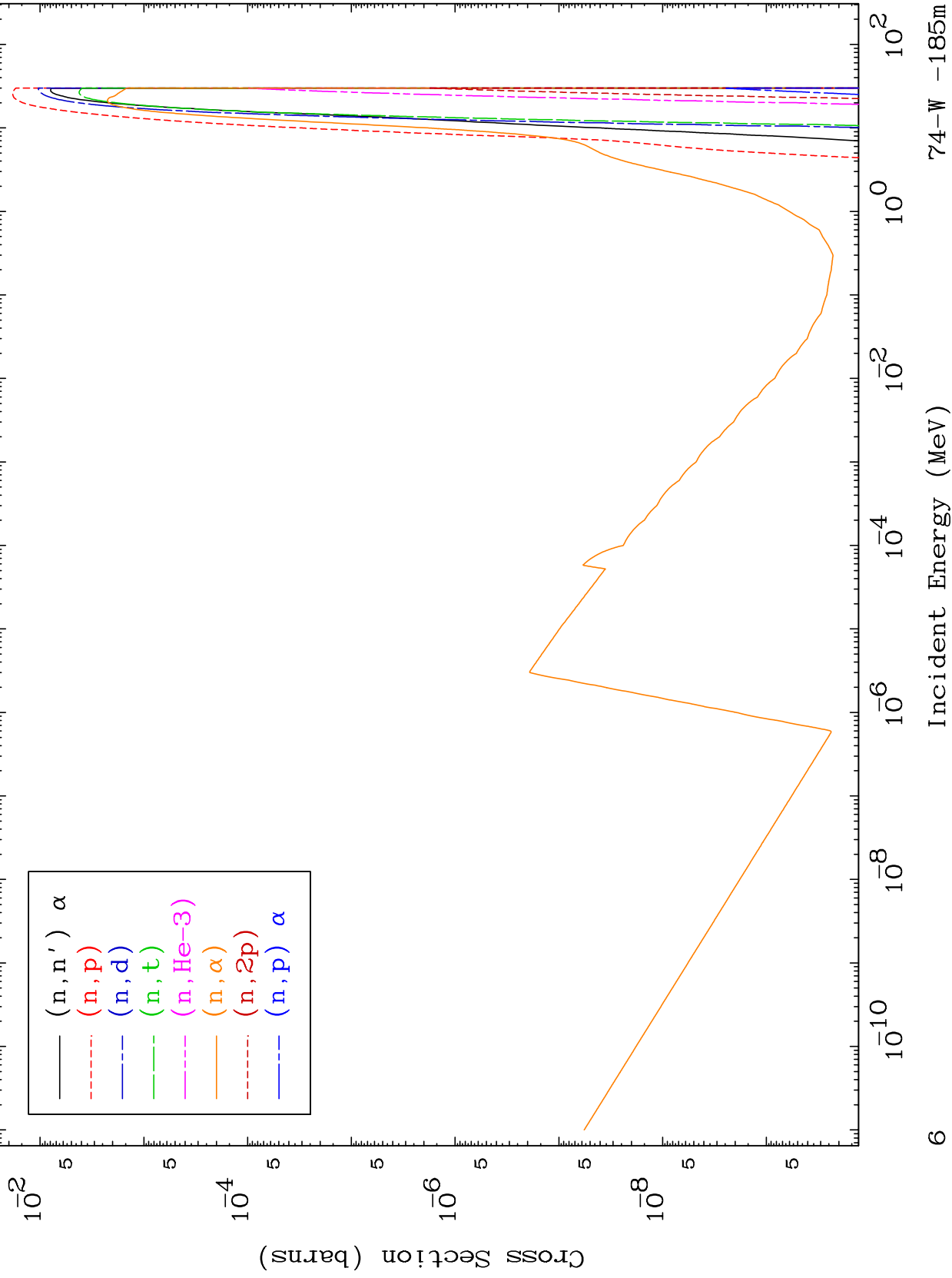
74-W -185m



MAT 7441

Charged Particle
293 Kelvin Cross Sections

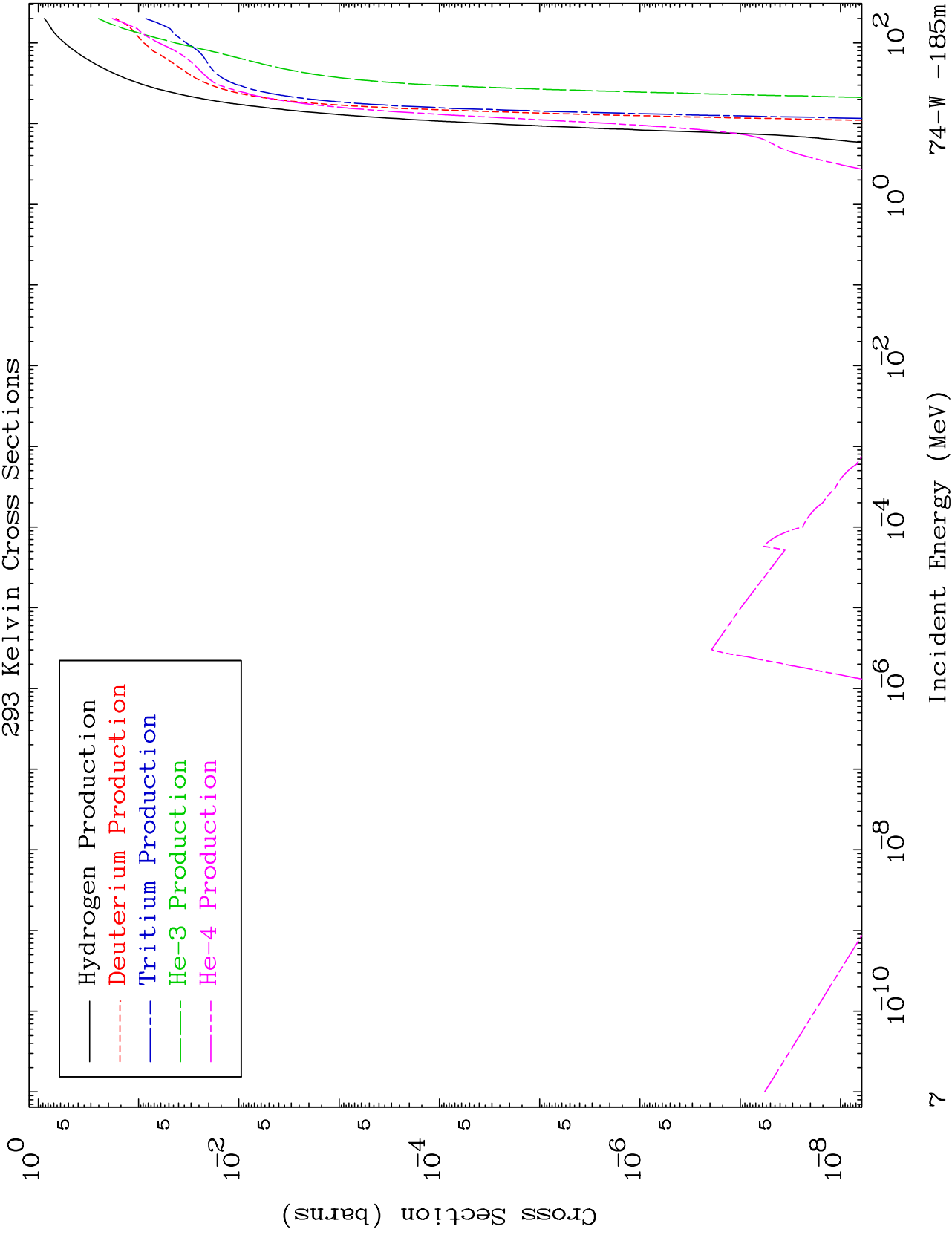
74-W -185m



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Particle Production
293 Kelvin Cross Sections

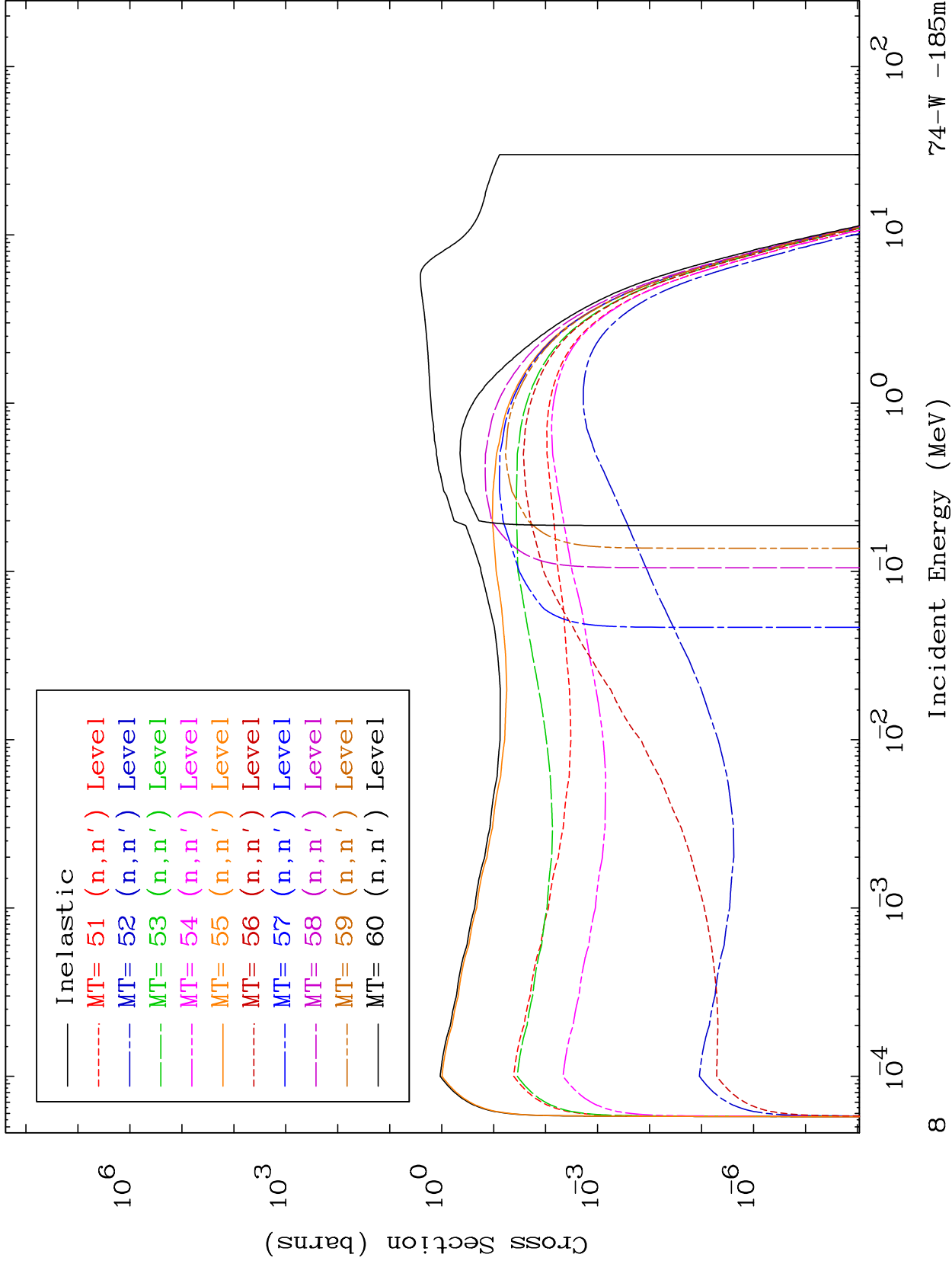
74-W -185m



MAT 7441

(n,n') Levels
293 Kelvin Cross Sections

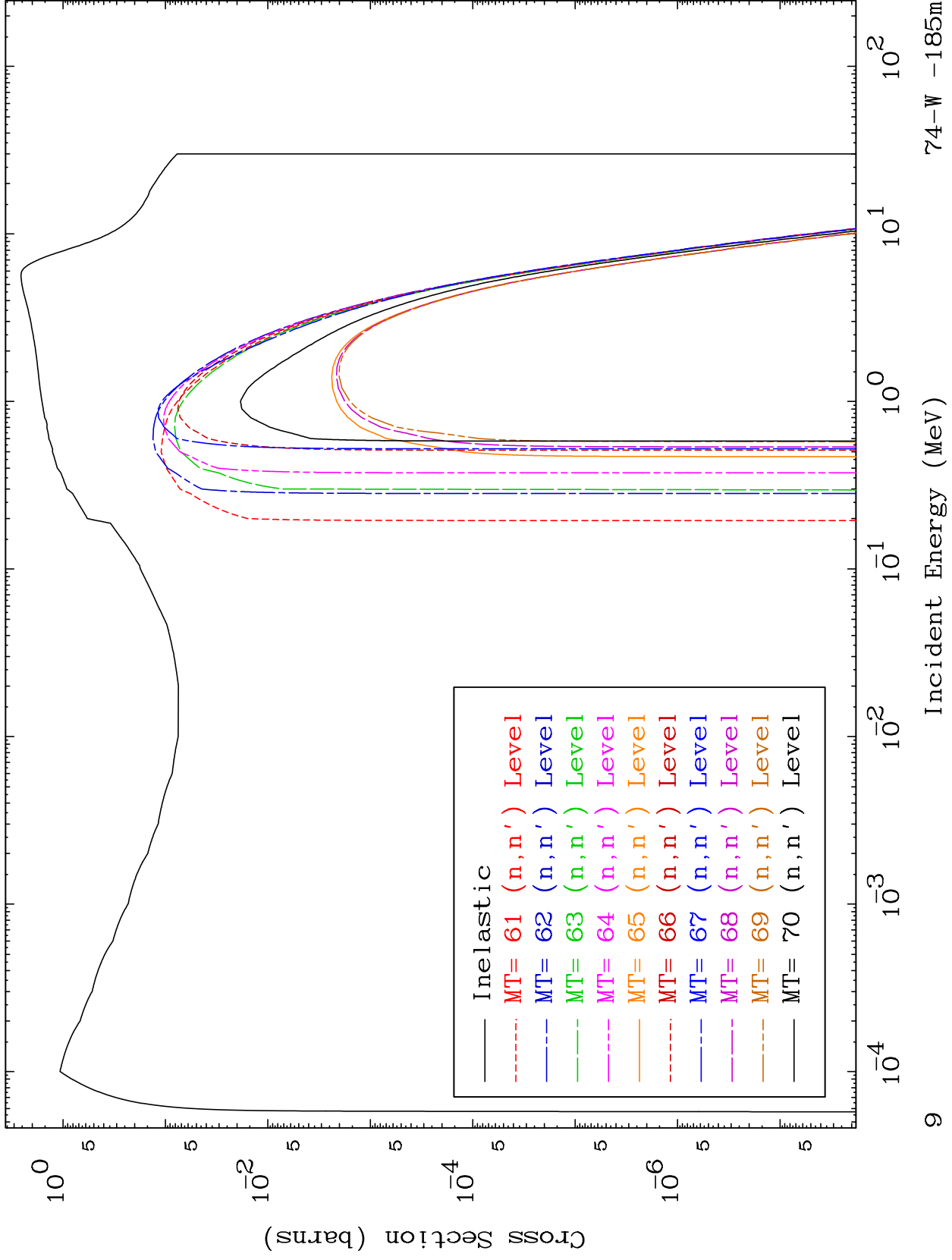
74-W -185m



MAT 7441

(n,n') Levels
293 Kelvin Cross Sections

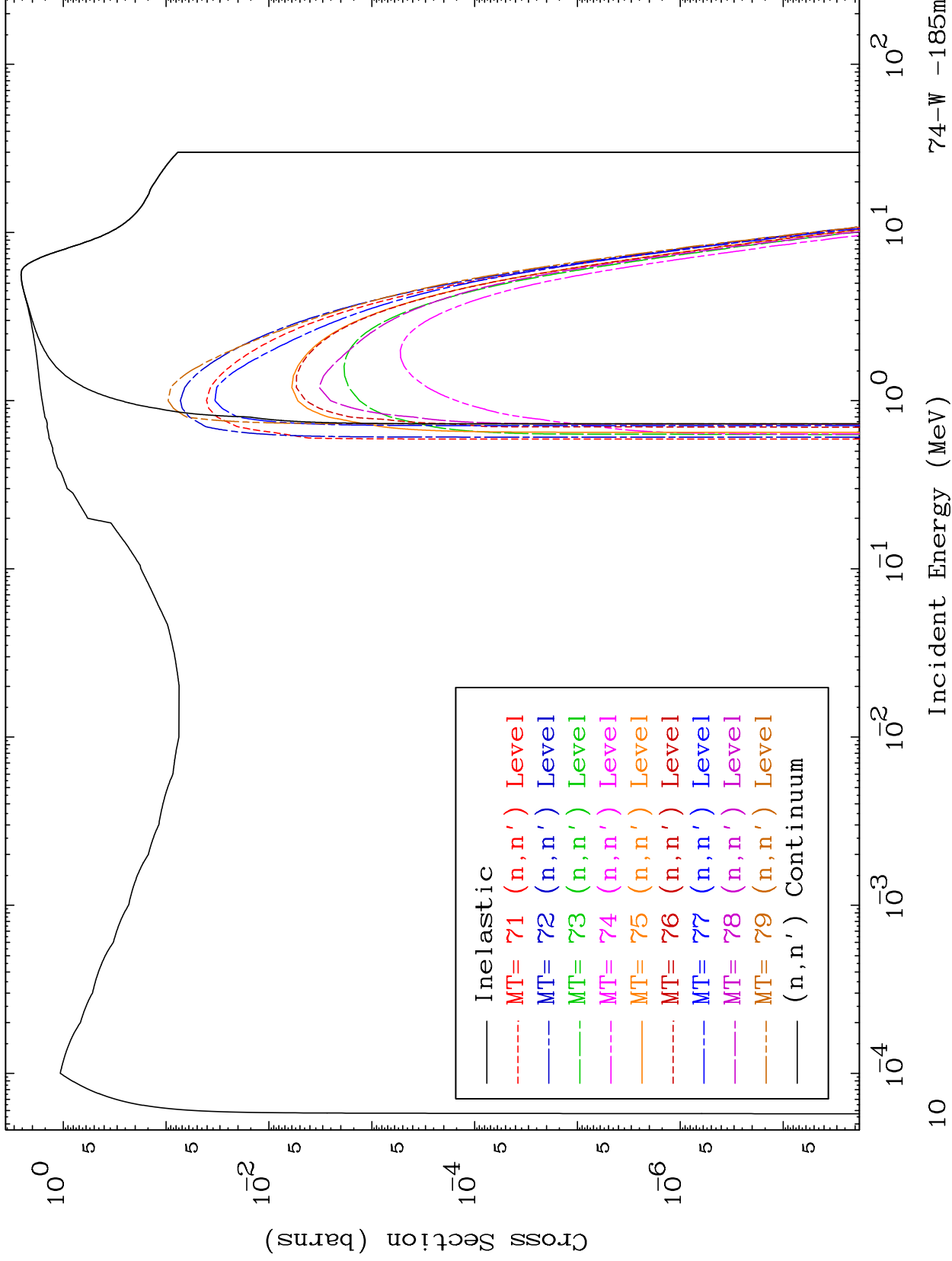
74-W -185m



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(n,n') Levels
293 Kelvin Cross Sections

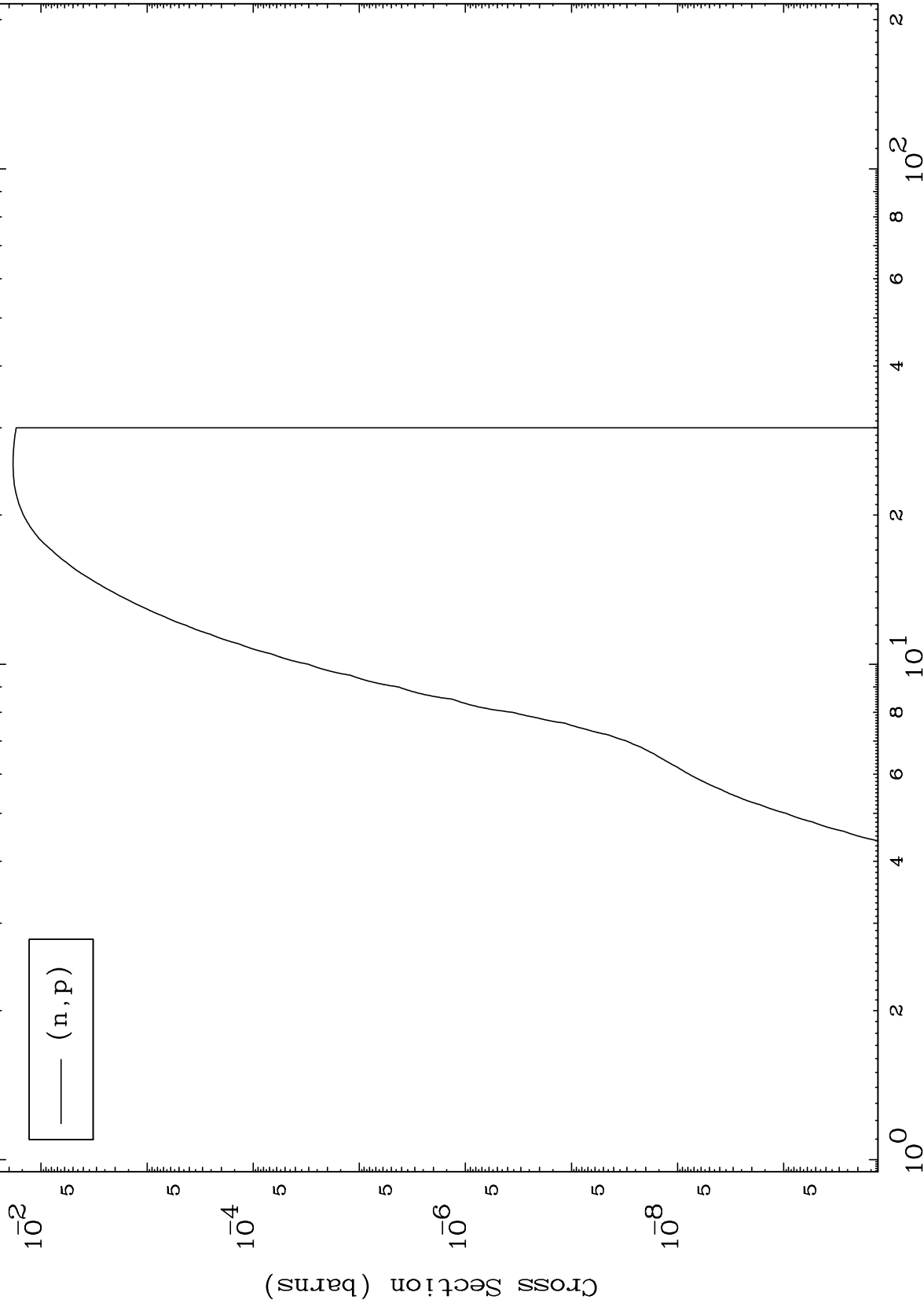
74-W -185m



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(n,p) Levels
293 Kelvin Cross Sections

74-W - 185m



Incident Energy (MeV)

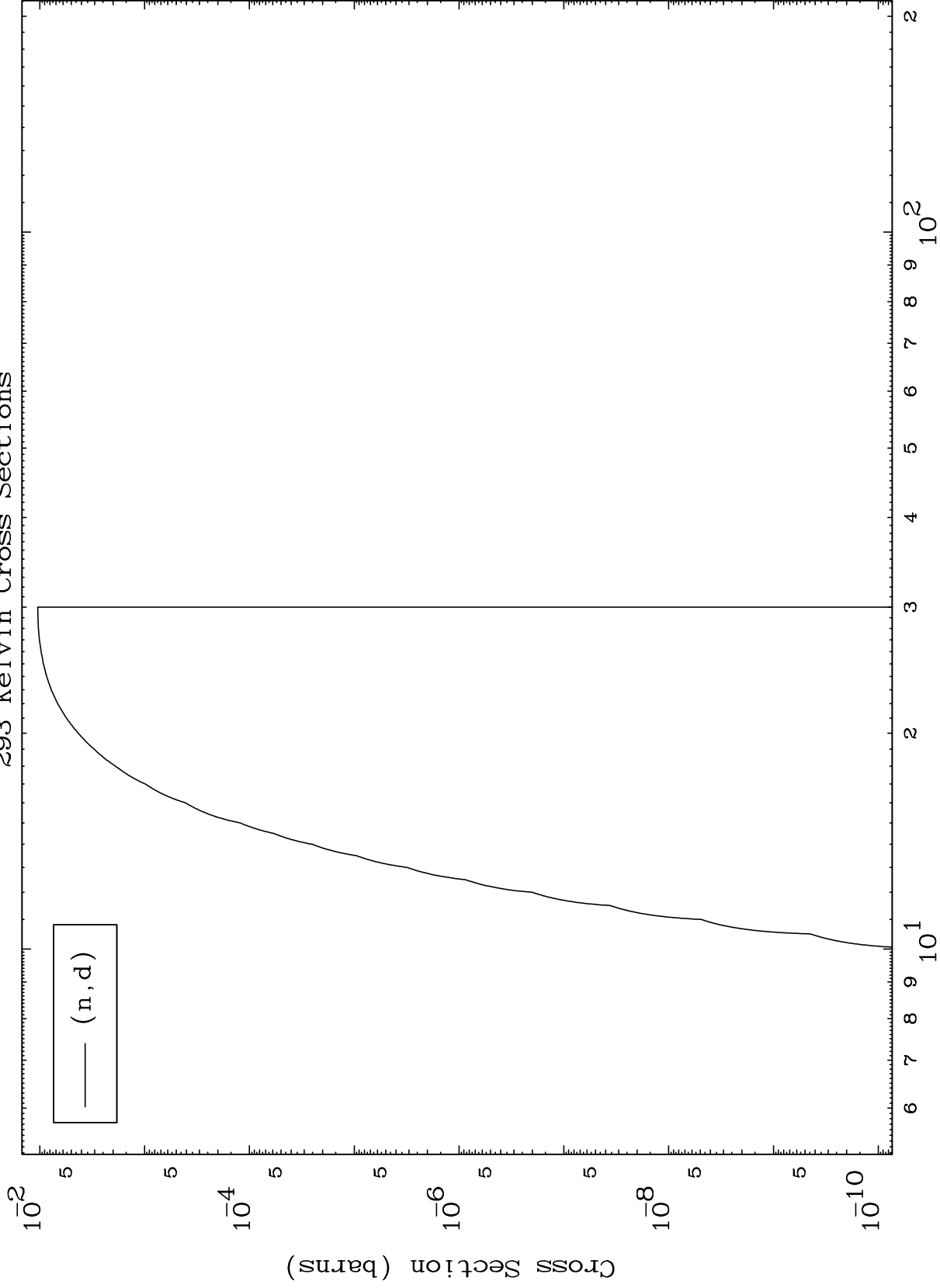
74-W - 185m

11

MAT 7441

(n,d) Levels
293 Kelvin Cross Sections

74-W -185m



12

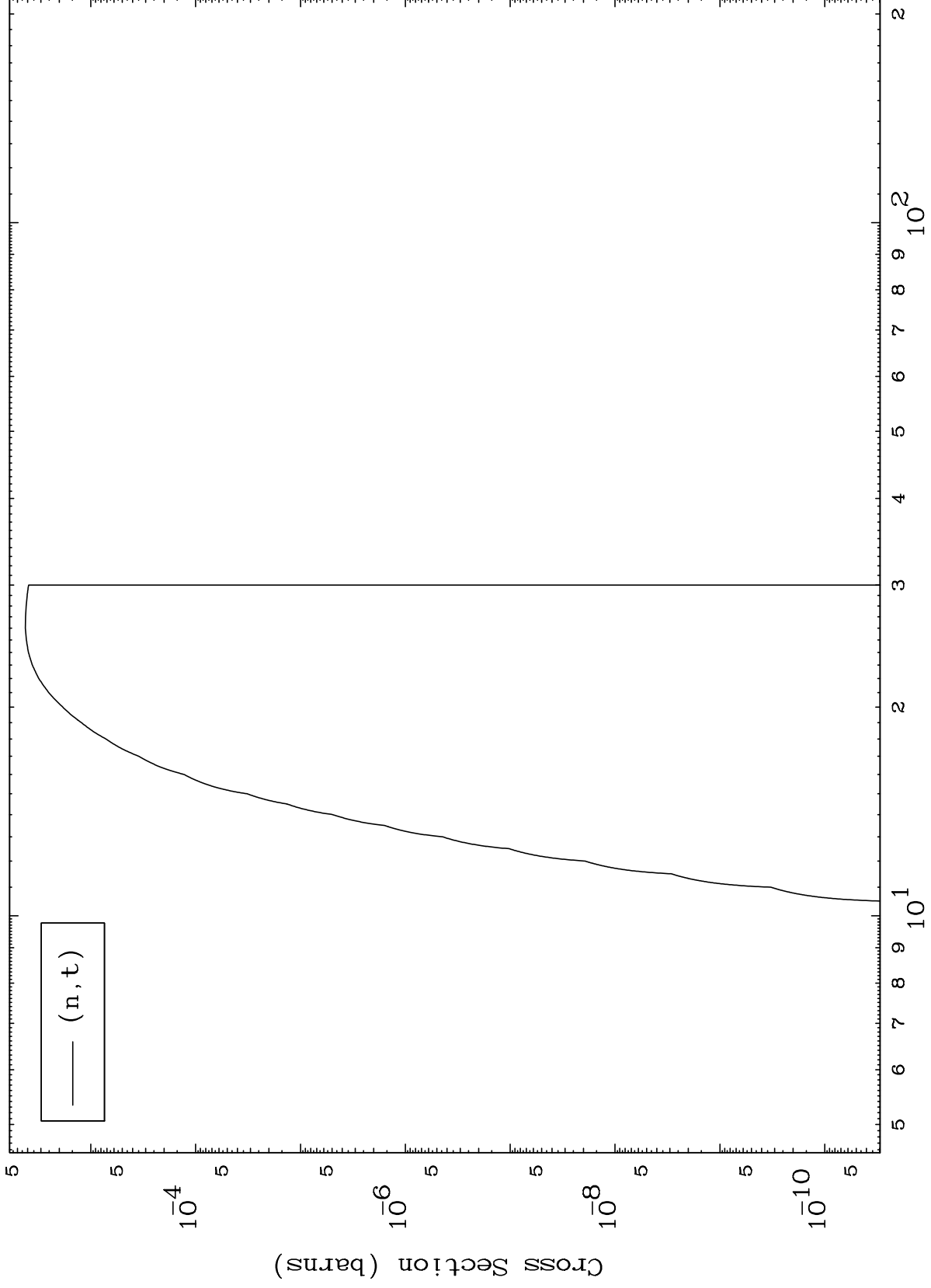
Incident Energy (MeV)

74-W -185m

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(n,t) Levels
293 Kelvin Cross Sections

74-W -185m



13

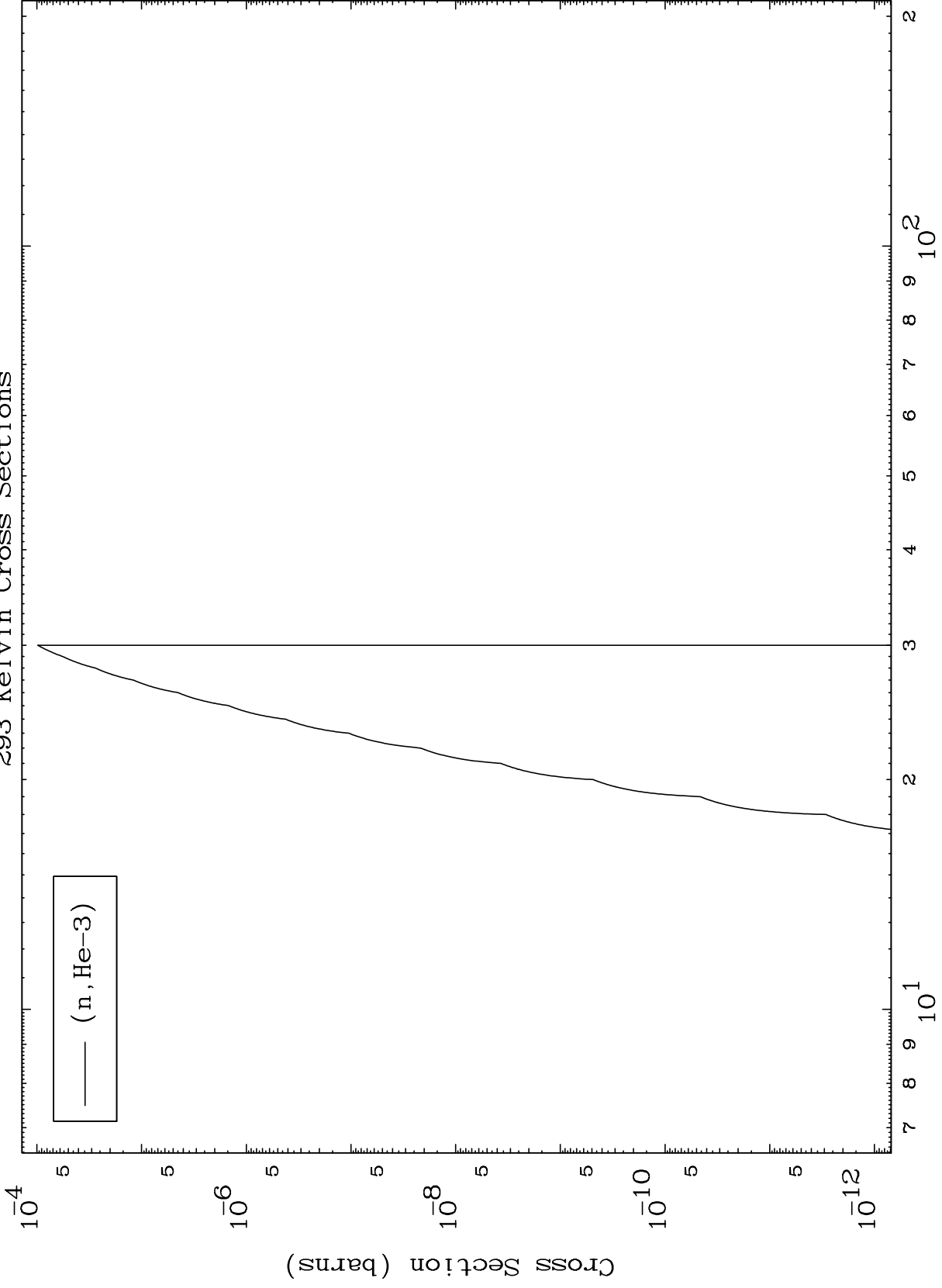
Incident Energy (MeV)

74-W -185m

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(n,He3) Levels
293 Kelvin Cross Sections

74-W -185m



14

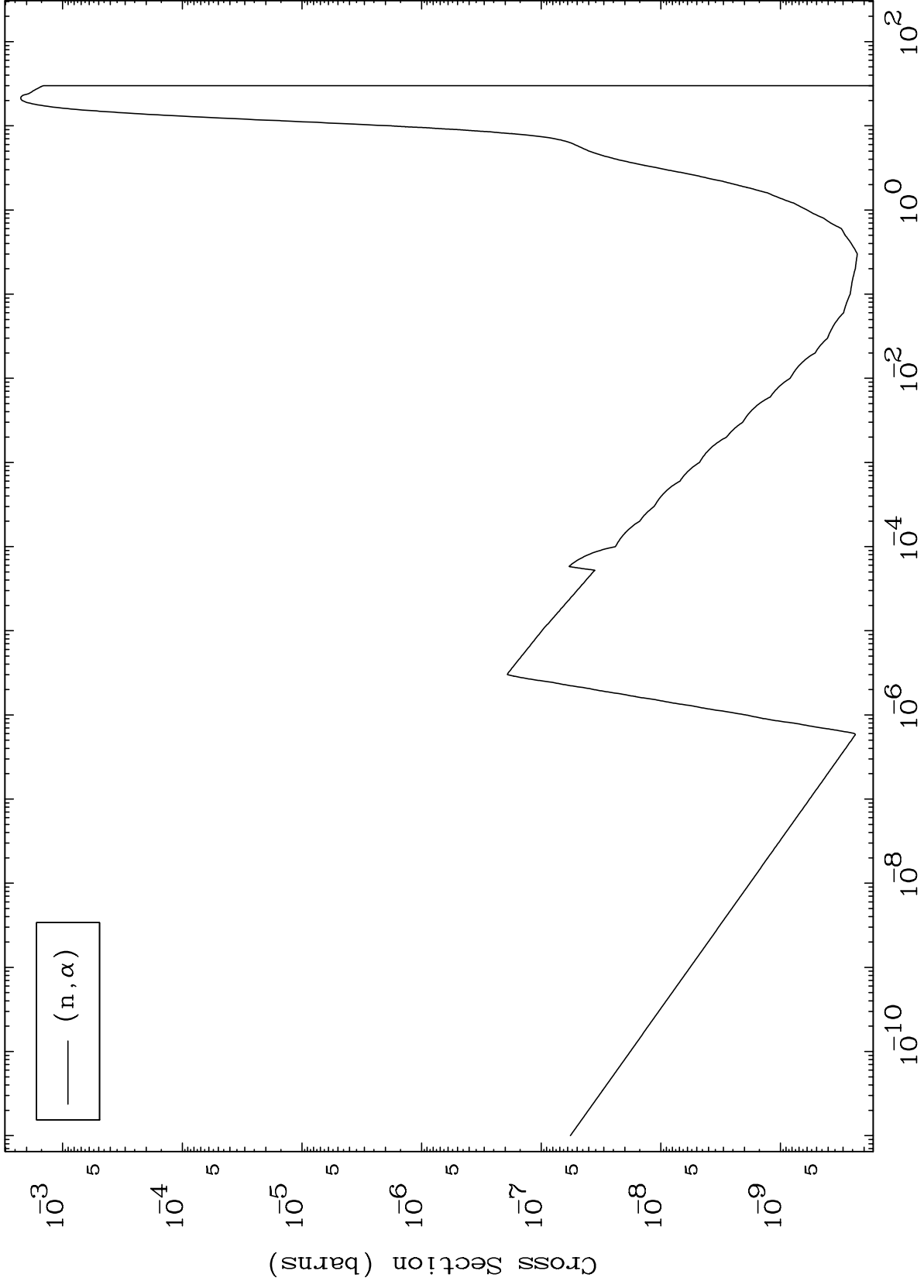
Incident Energy (MeV)

74-W -185m

MAT 7441

(n, α) Levels
293 Kelvin Cross Sections

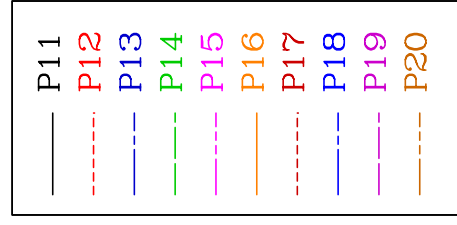
74-W - 185m



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Elastic Legendre Coefficients

74-W - 185m



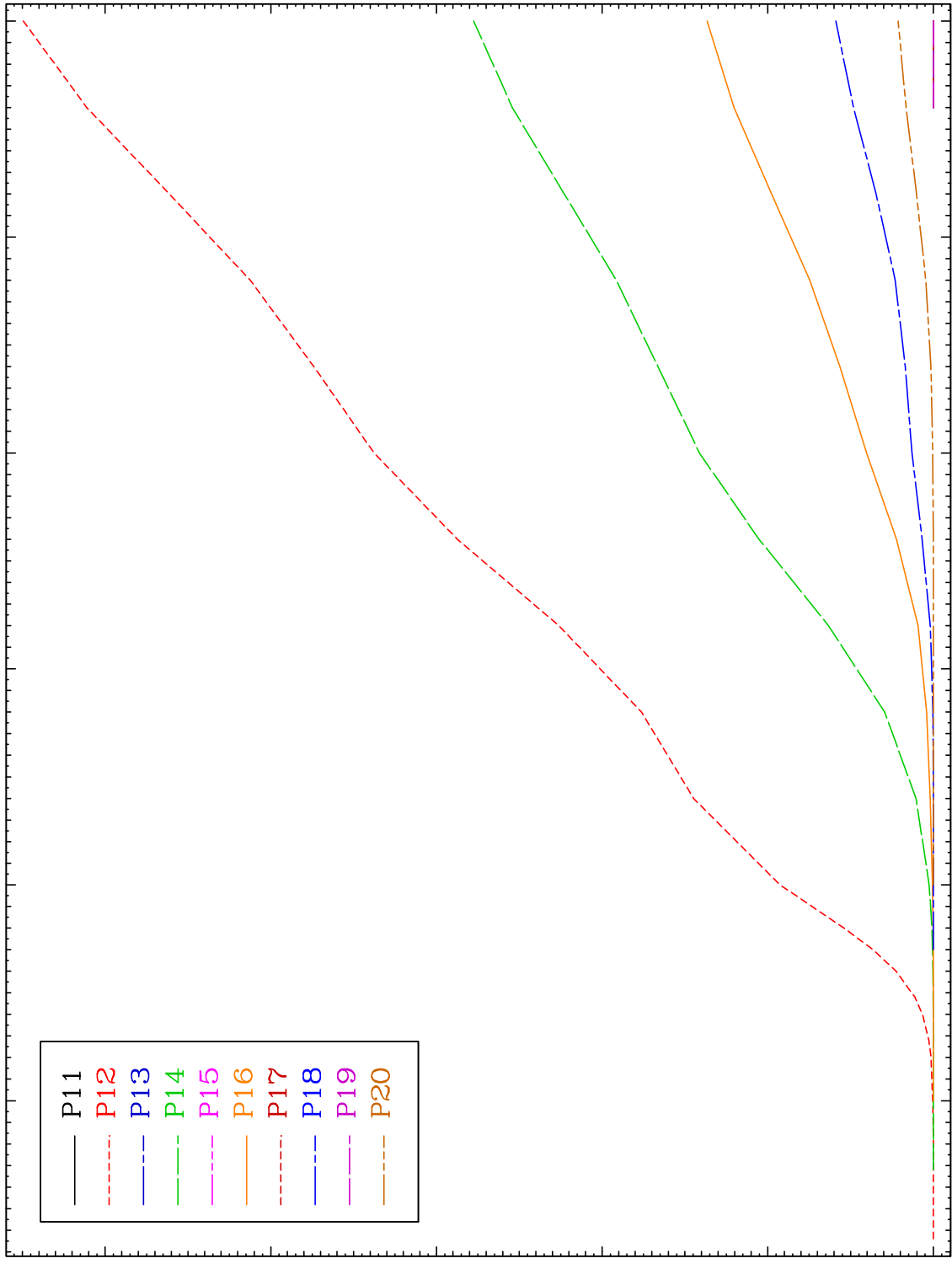
$\times 10^{-4}$
Legendre (CM)
2.5
2.0
1.5
1.0
0.5
0.0

5 10 15 20 25 30

17

Incident Energy (MeV)

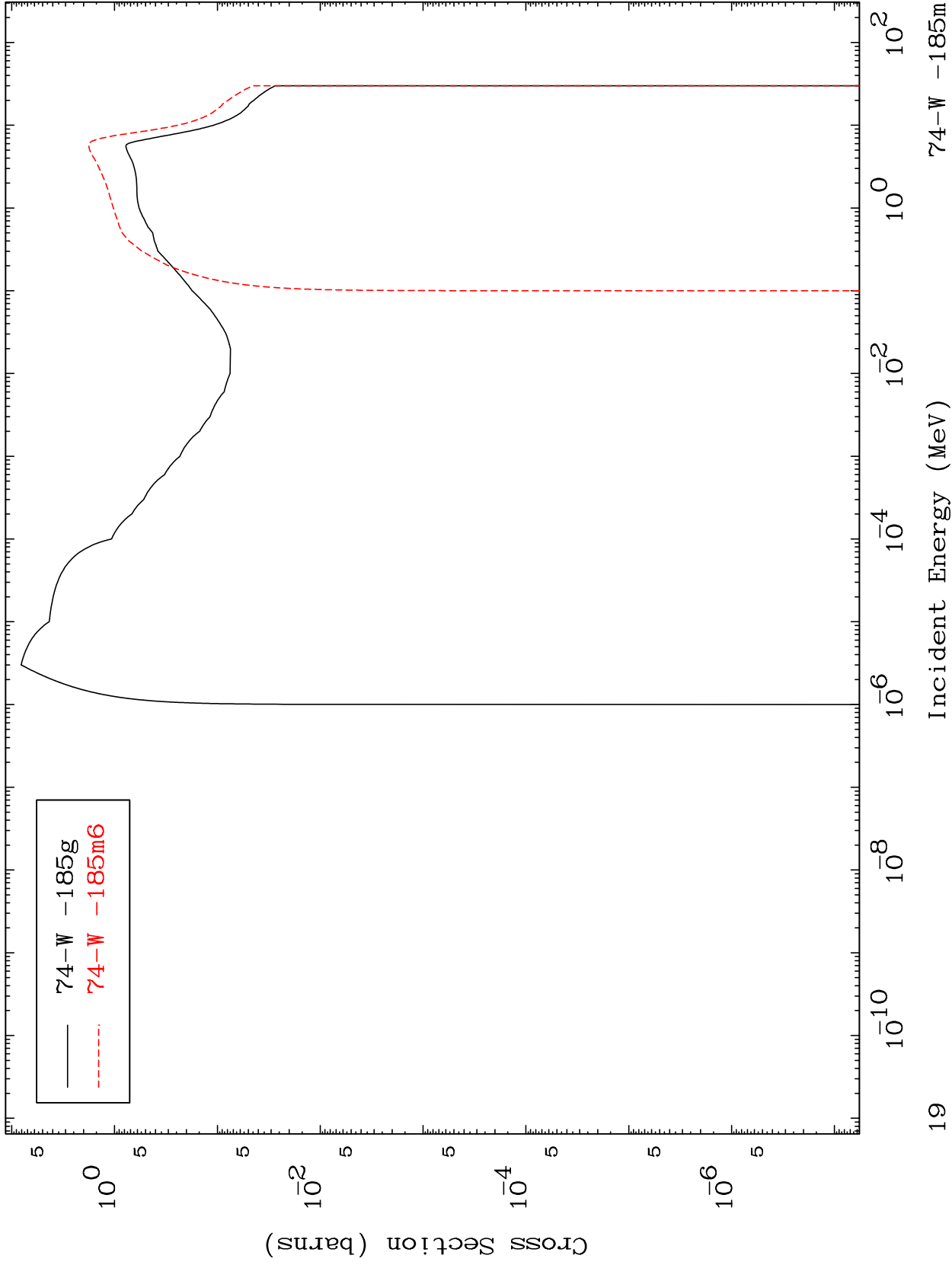
74-W - 185m



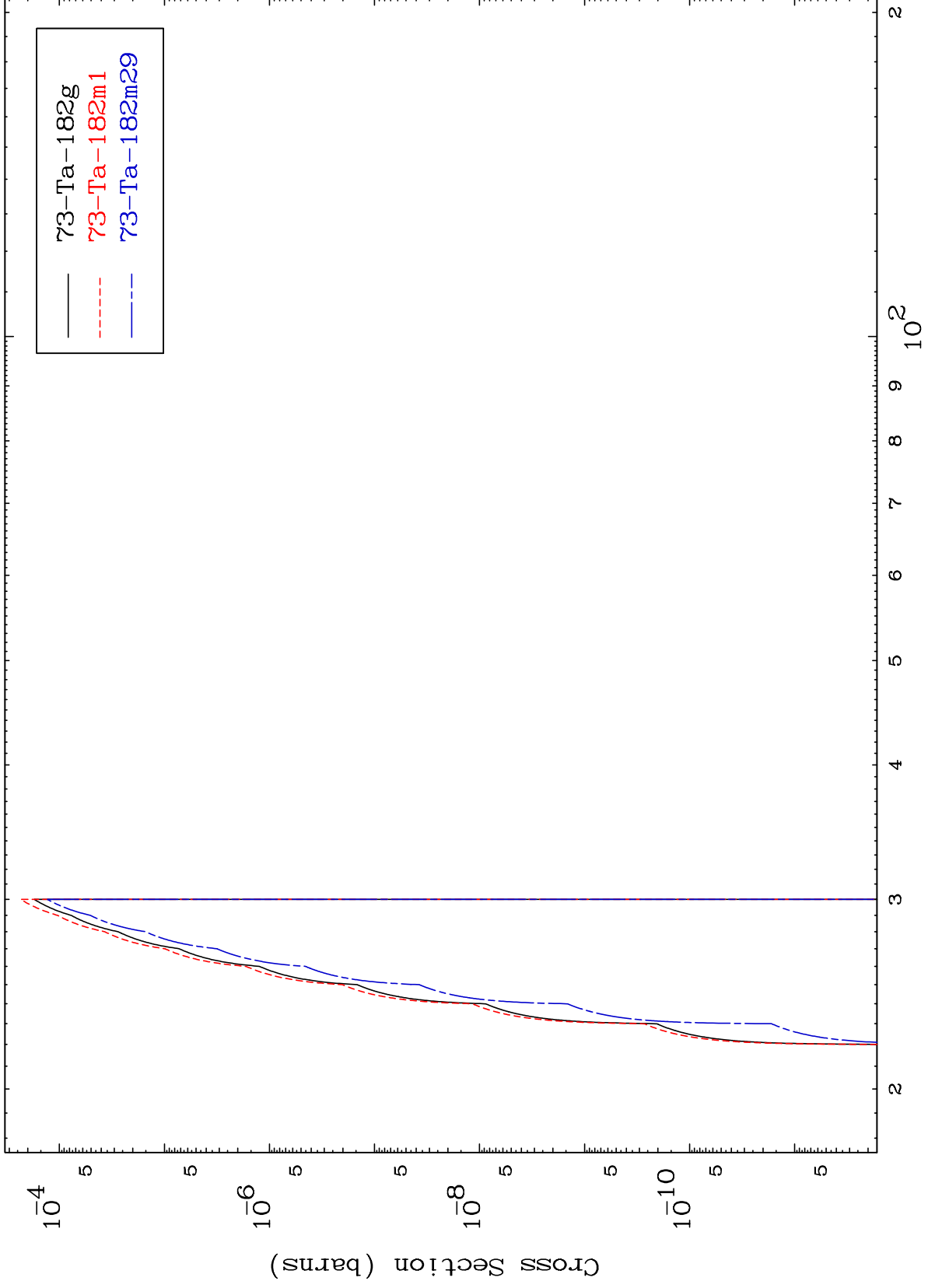
MAT 7441

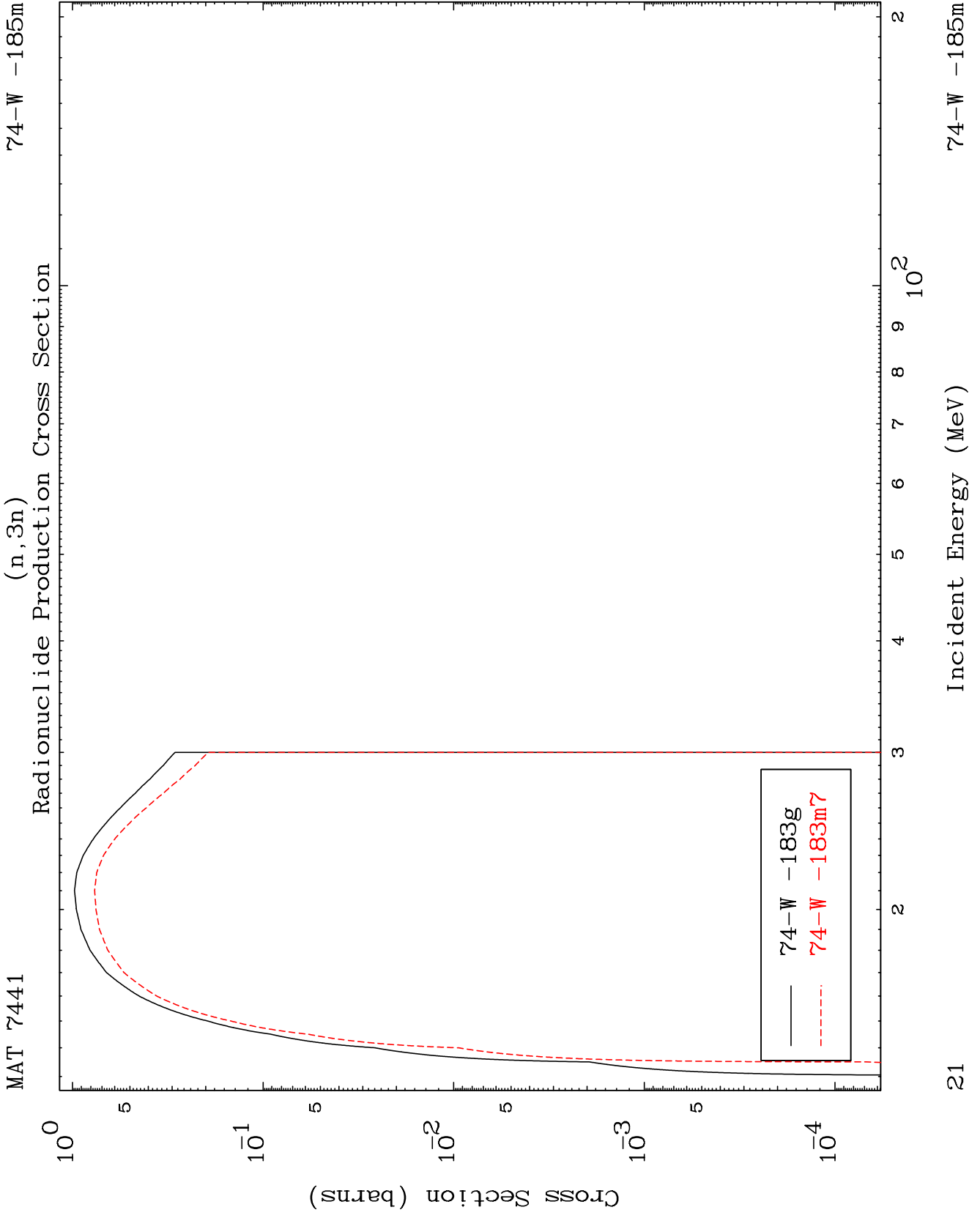
Radionuclide Production Cross Section

74-W -185m



Radionuclide Production Cross Section

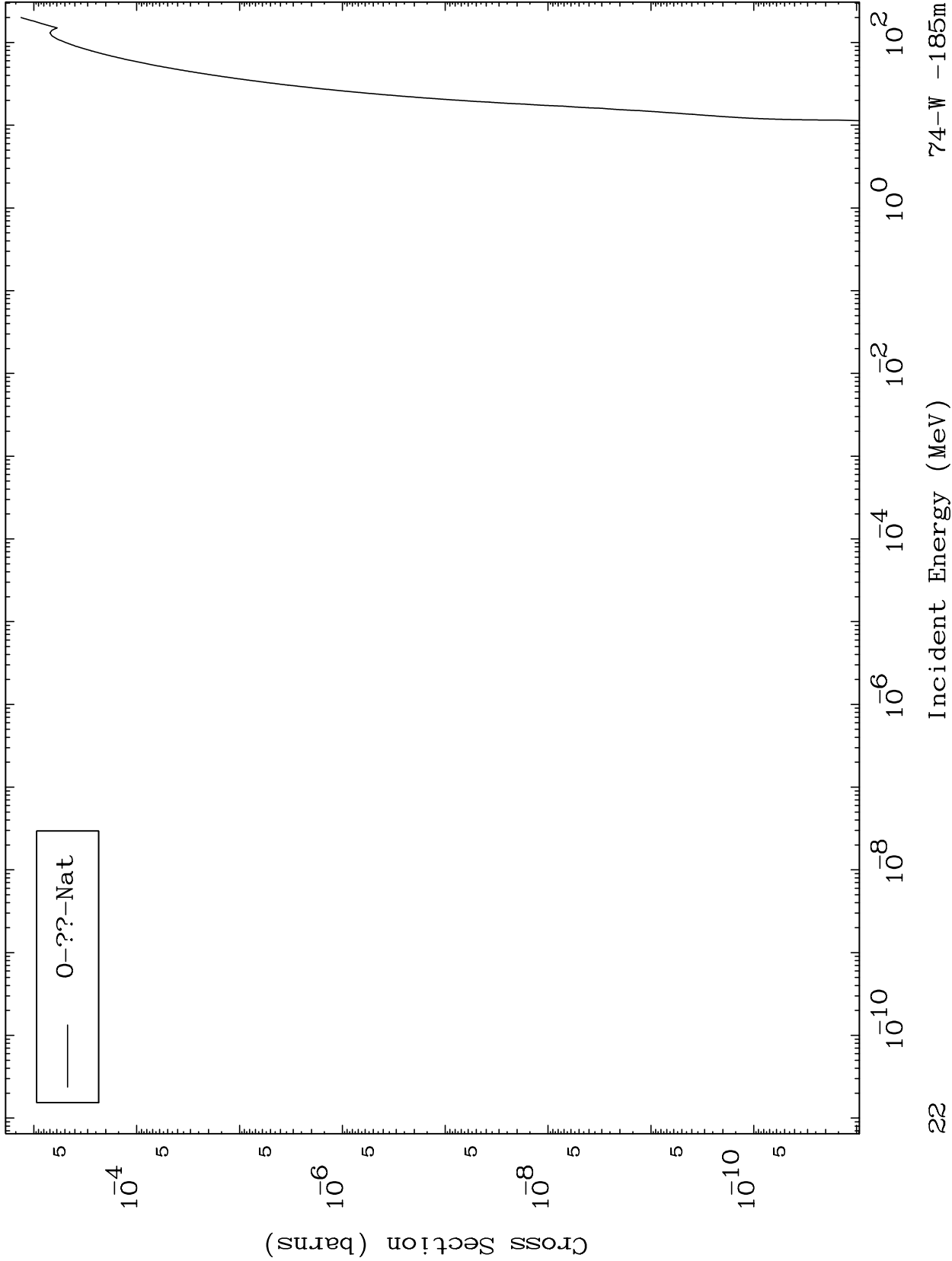




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Fission
Radionuclide Production Cross Section

74-W -185m

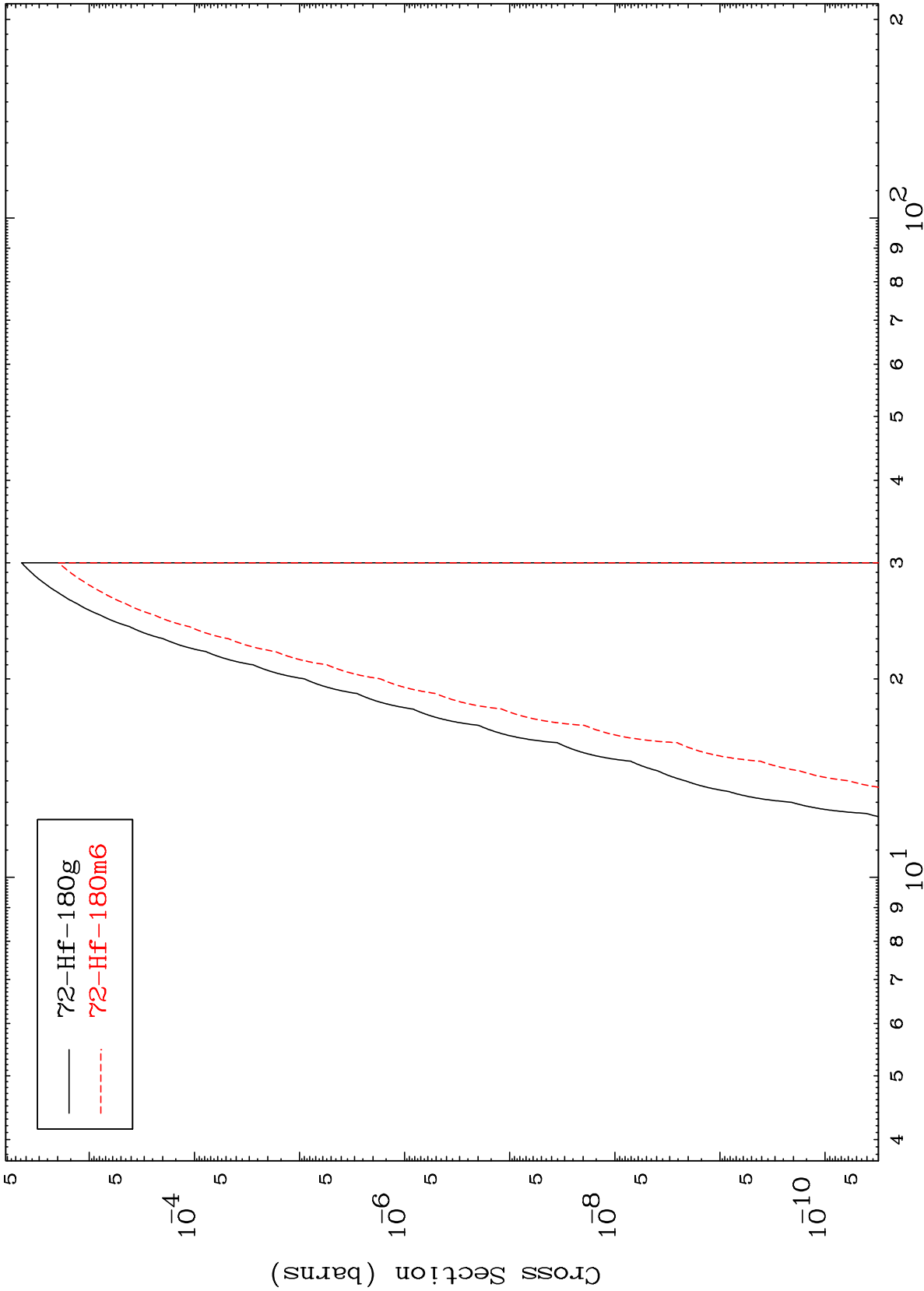


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(n,2n) α

74-W -185m

Radionuclide Production Cross Section



Incident Energy (MeV)

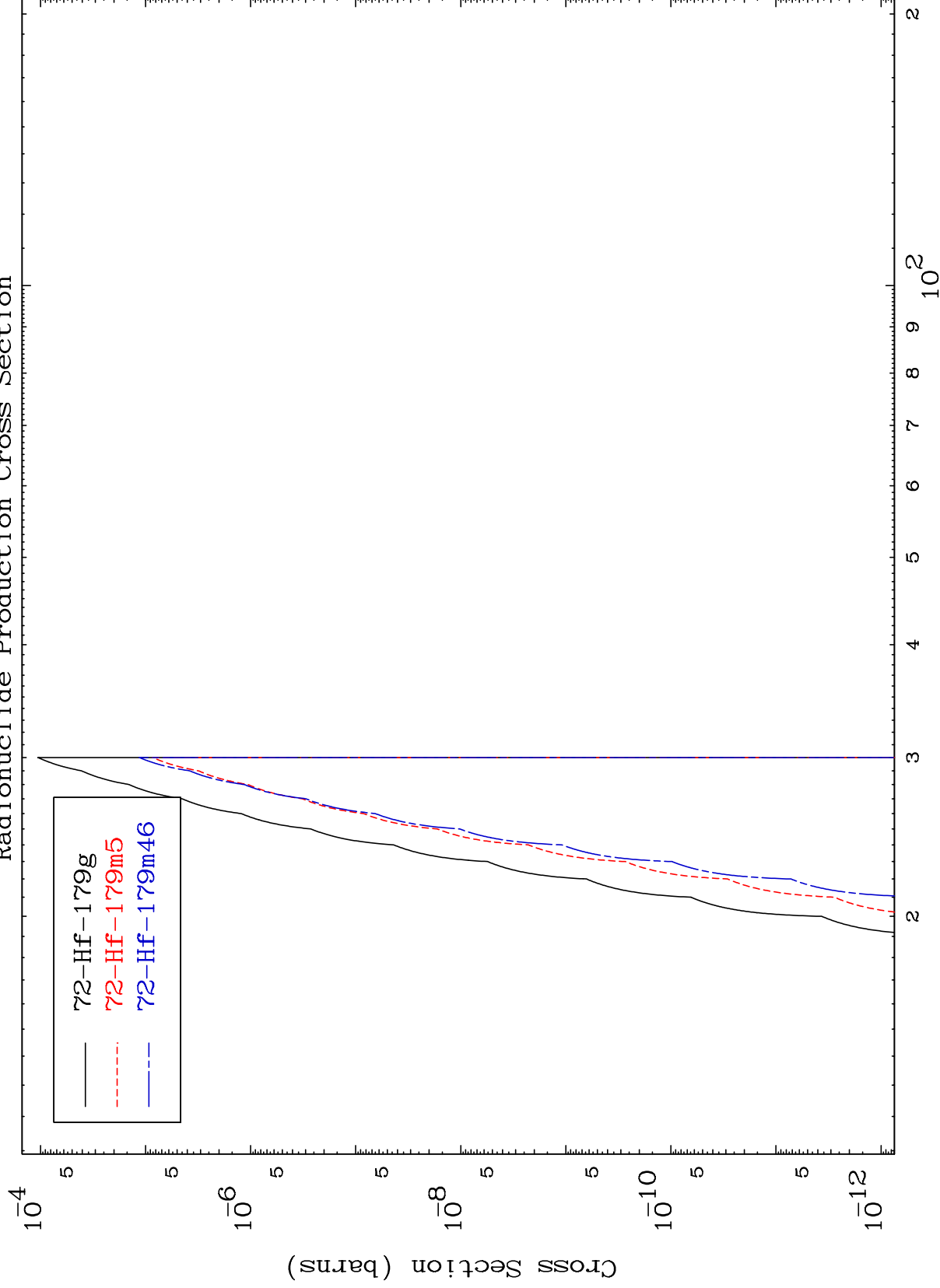
74-W -185m

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(n,3n) α

74-W -185m

Radionuclide Production Cross Section

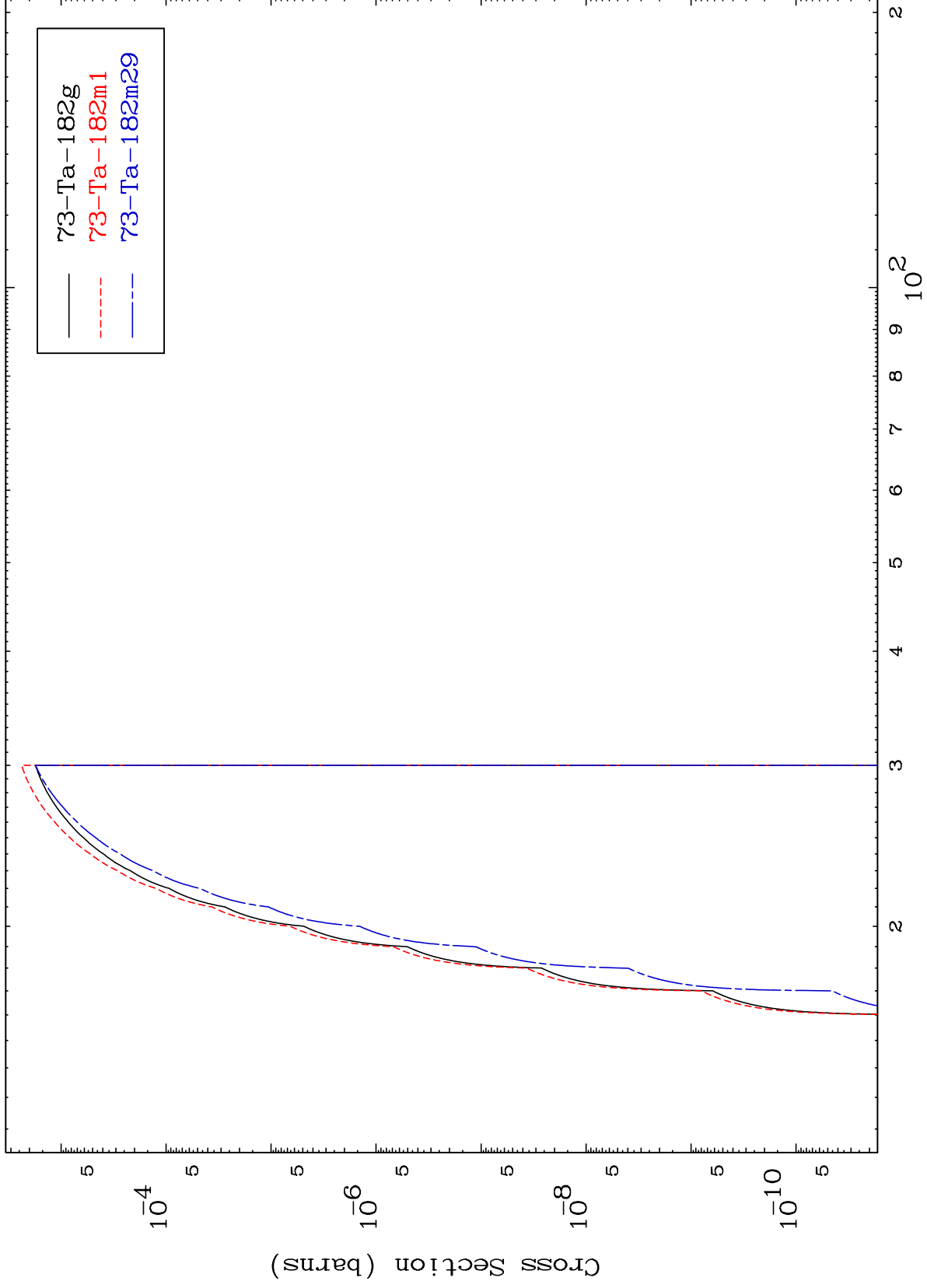


Incident Energy (MeV)

74-W -185m

24

Radionuclide Production Cross Section

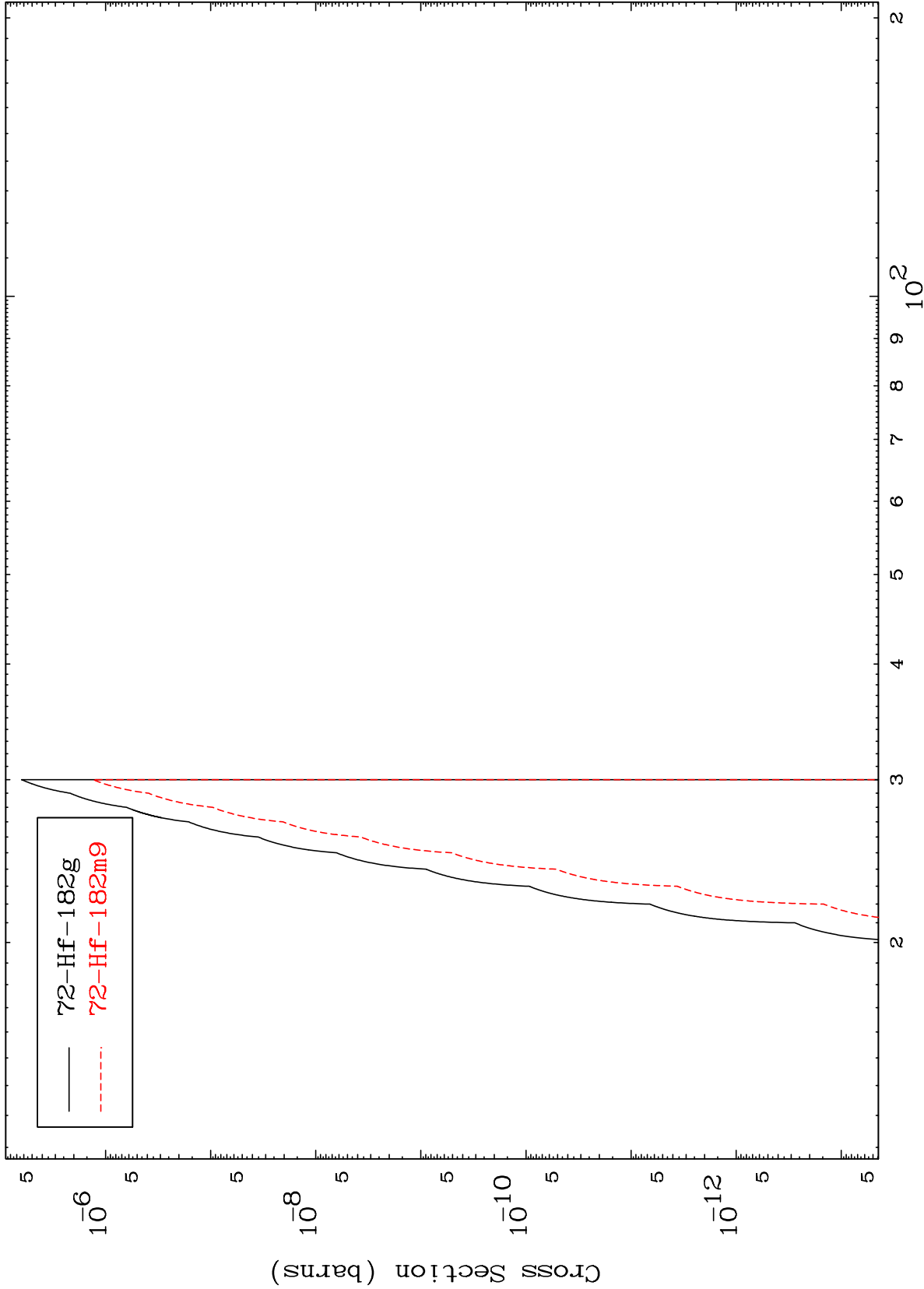


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(n,n') He-3

74-W -185m

Radionuclide Production Cross Section



Incident Energy (MeV)

74-W -185m

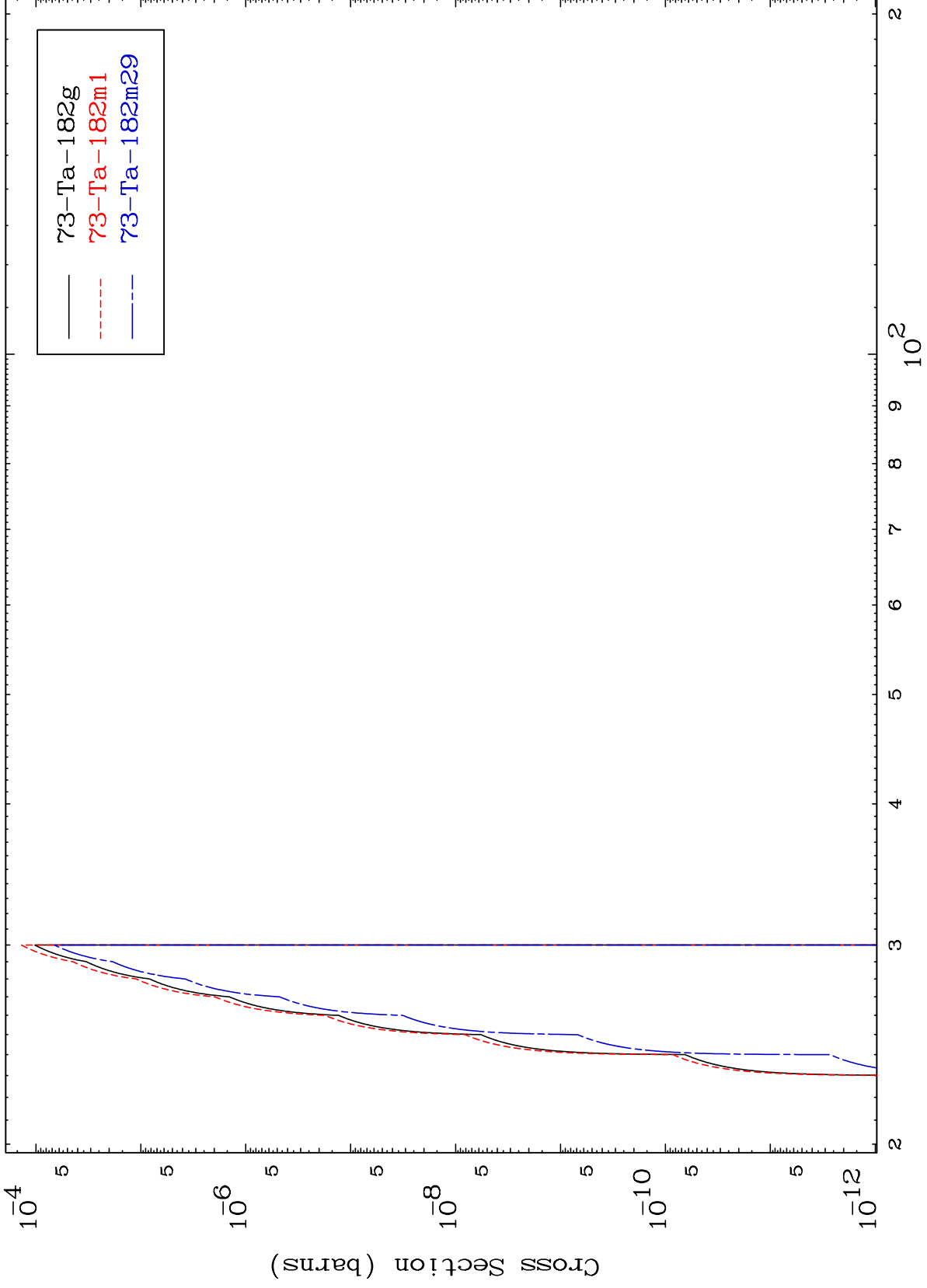
26

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(n,3n) p

74-W -185m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

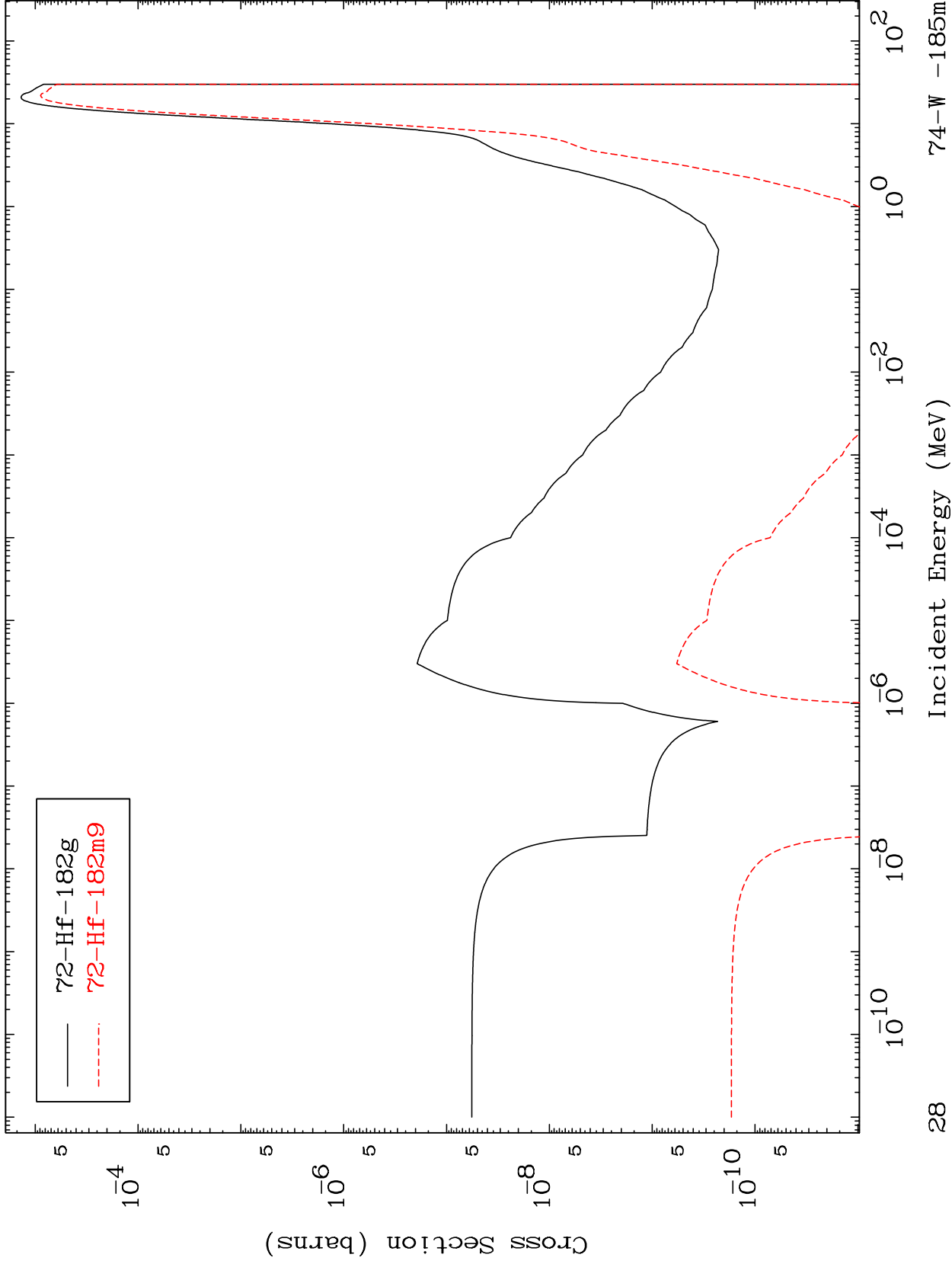
74-W -185m

MAT 7441

(n, α)

74-W - 185m

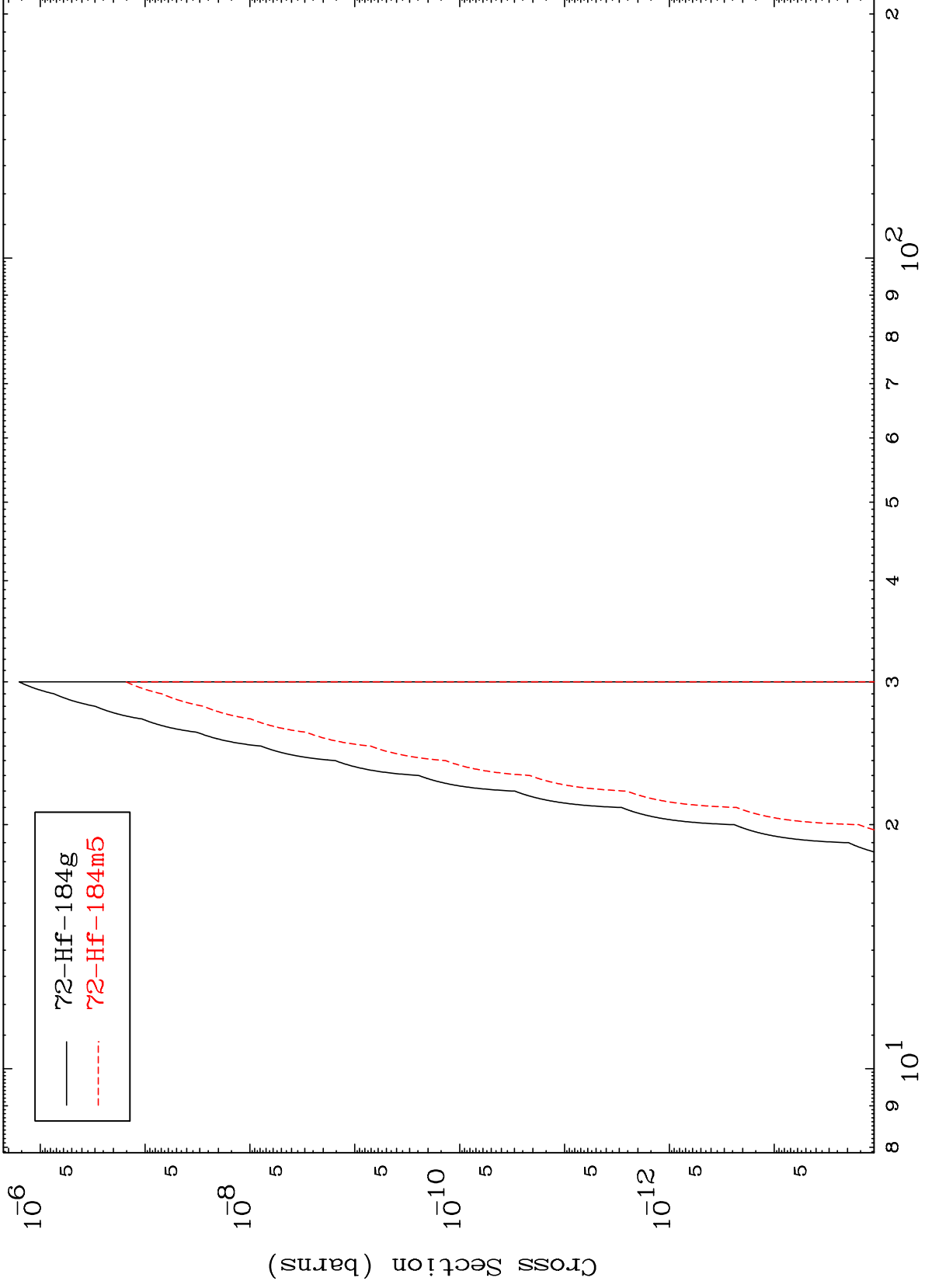
Radionuclide Production Cross Section



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74-W - 185m

(n,2p)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

74-W - 185m