

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

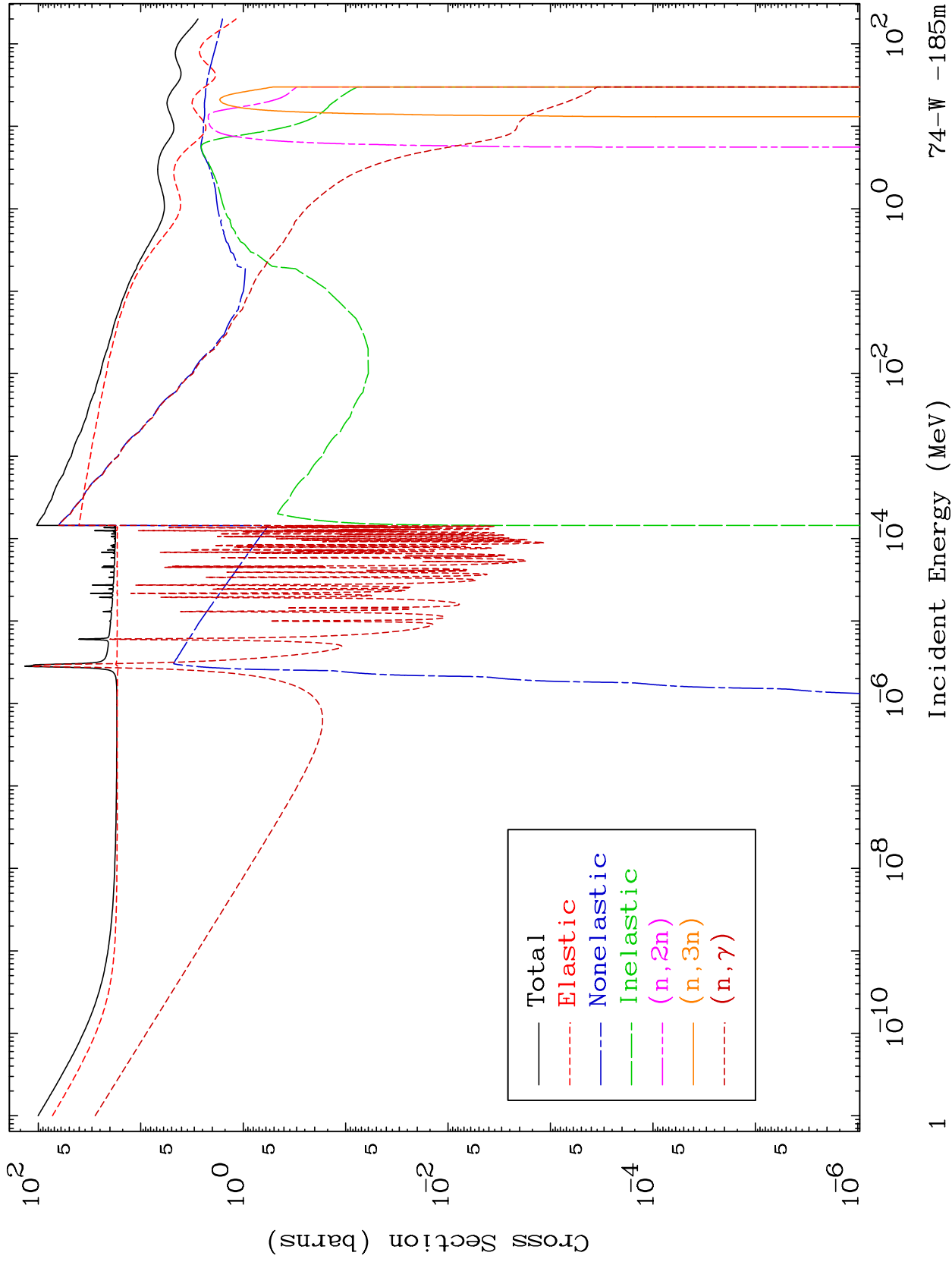
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7441

Neutron Major  
293 Kelvin Cross Sections

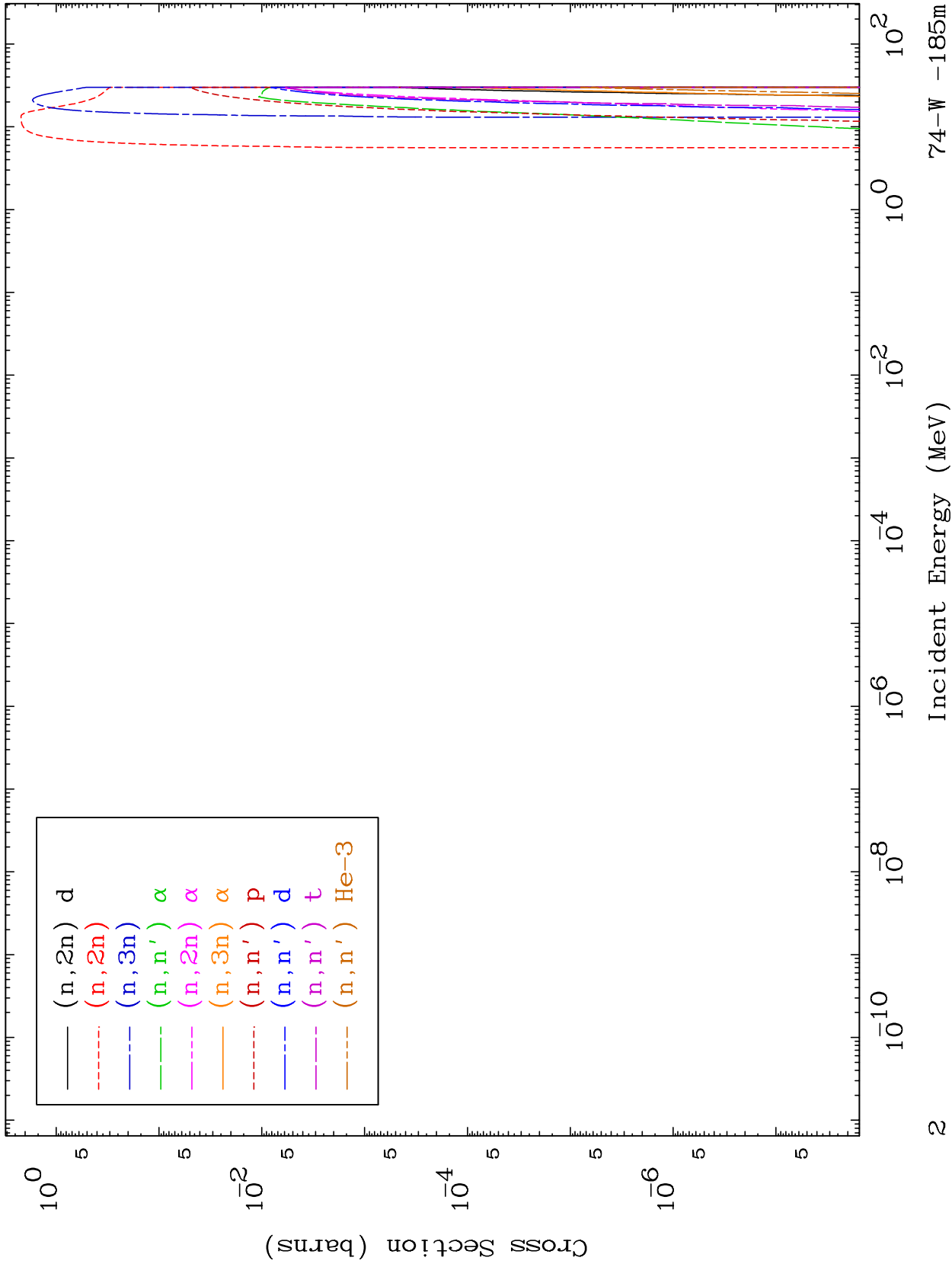
74-W -185m



MAT 7441

Neutron Absorption  
293 Kelvin Cross Sections

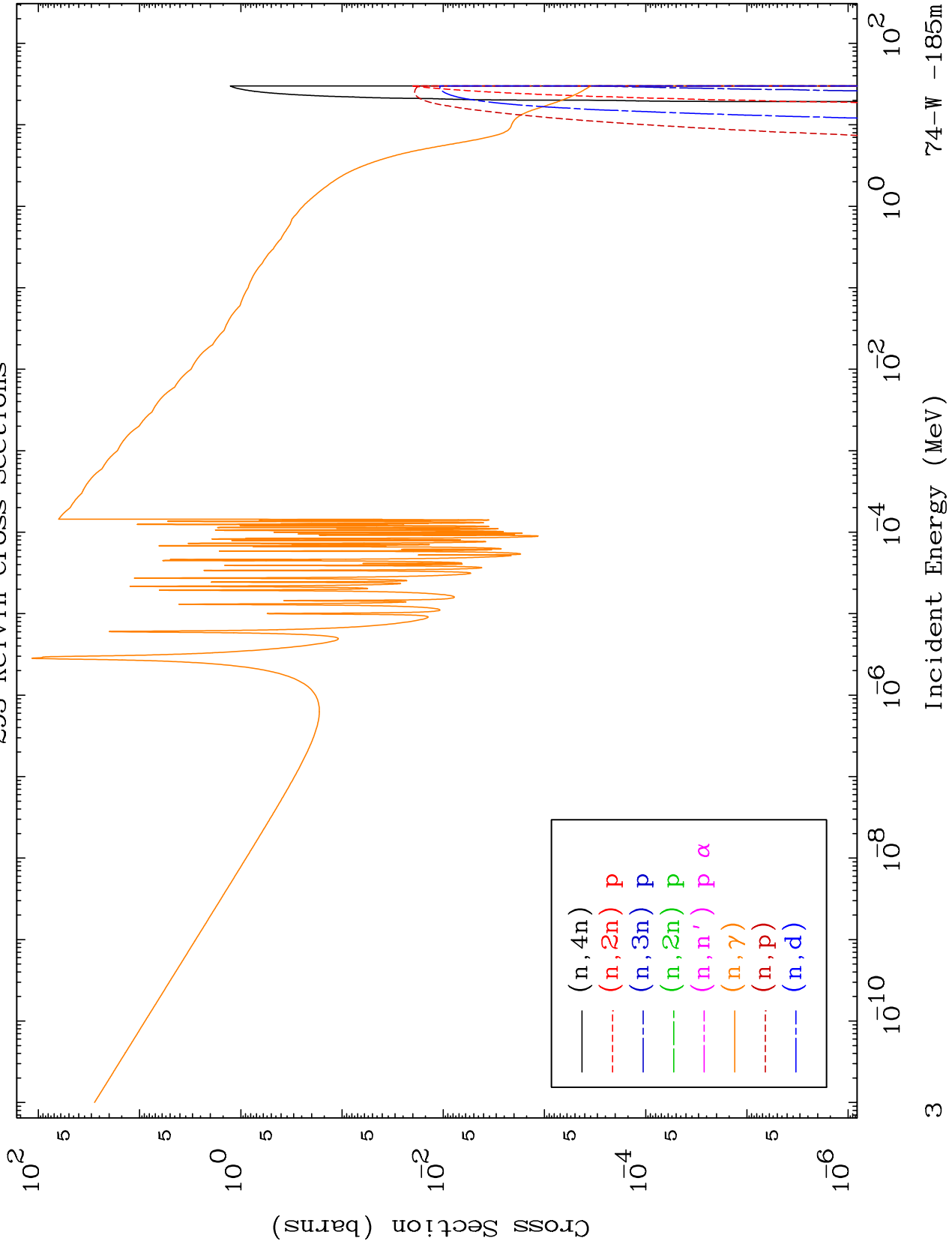
74-W -185m



MAT 7441

Neutron Absorption  
293 Kelvin Cross Sections

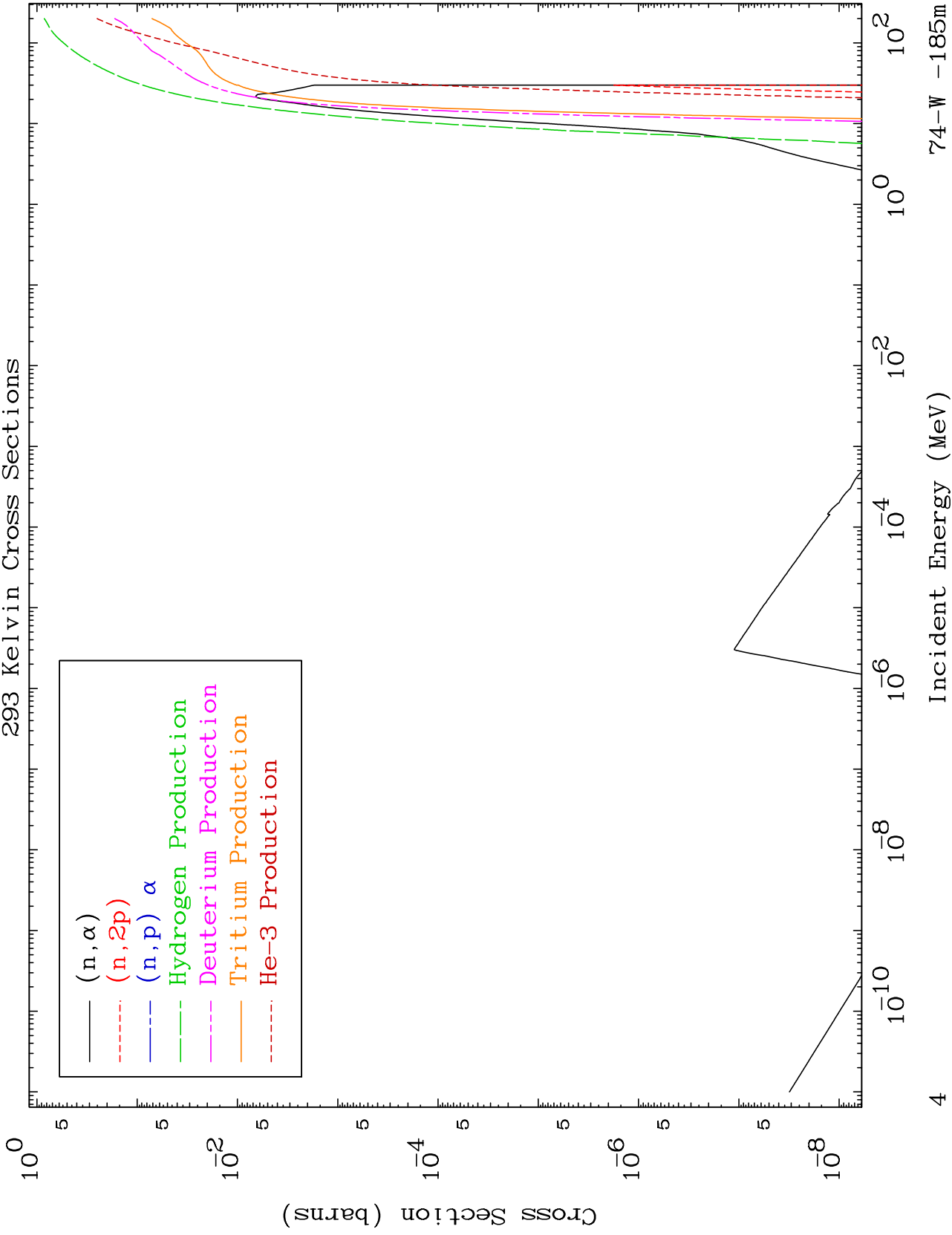
74-W -185m



MAT 7441

Neutron Absorption  
293 Kelvin Cross Sections

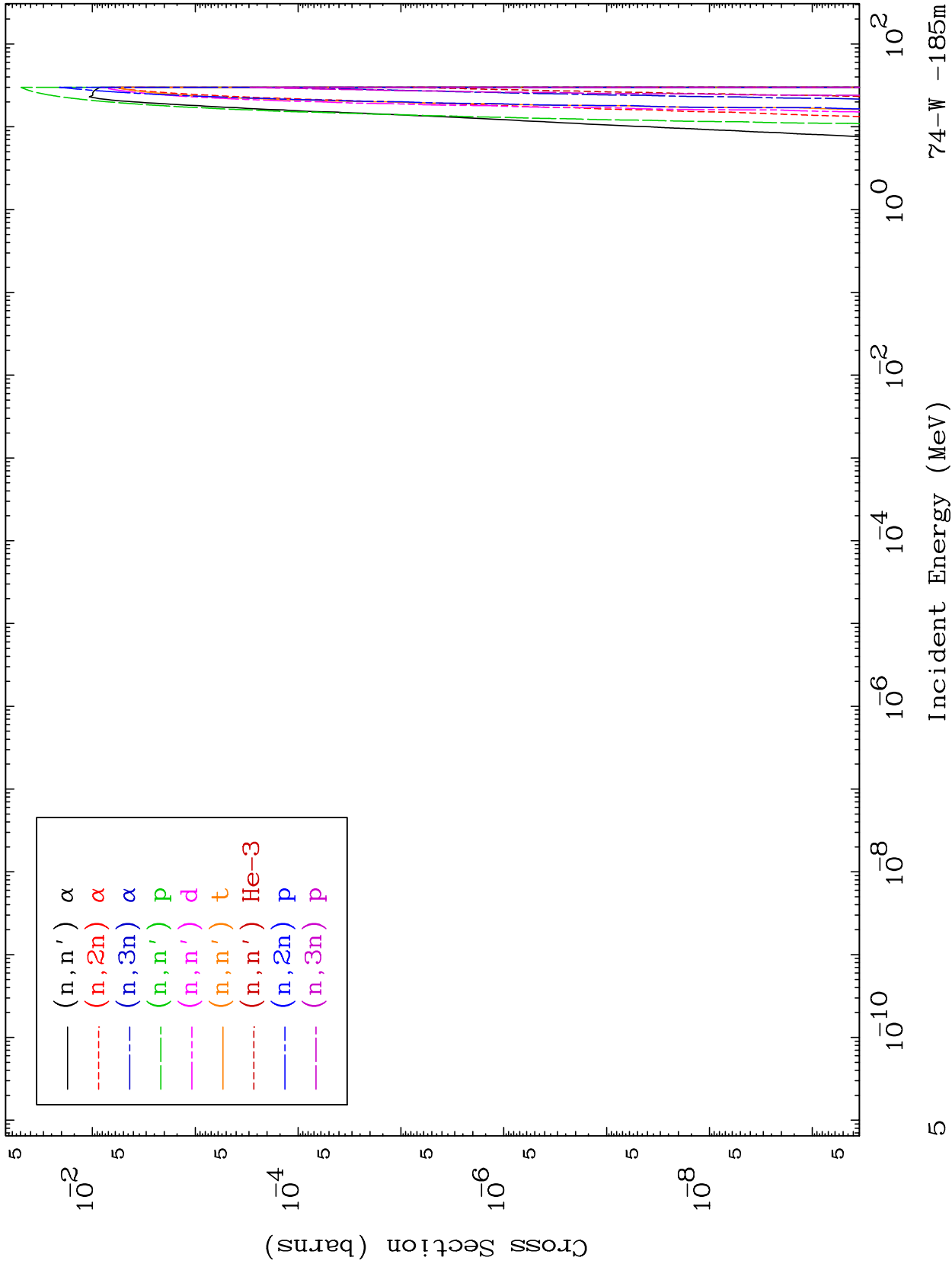
74-W -185m



MAT 7441

Charged Particle  
293 Kelvin Cross Sections

74-W -185m



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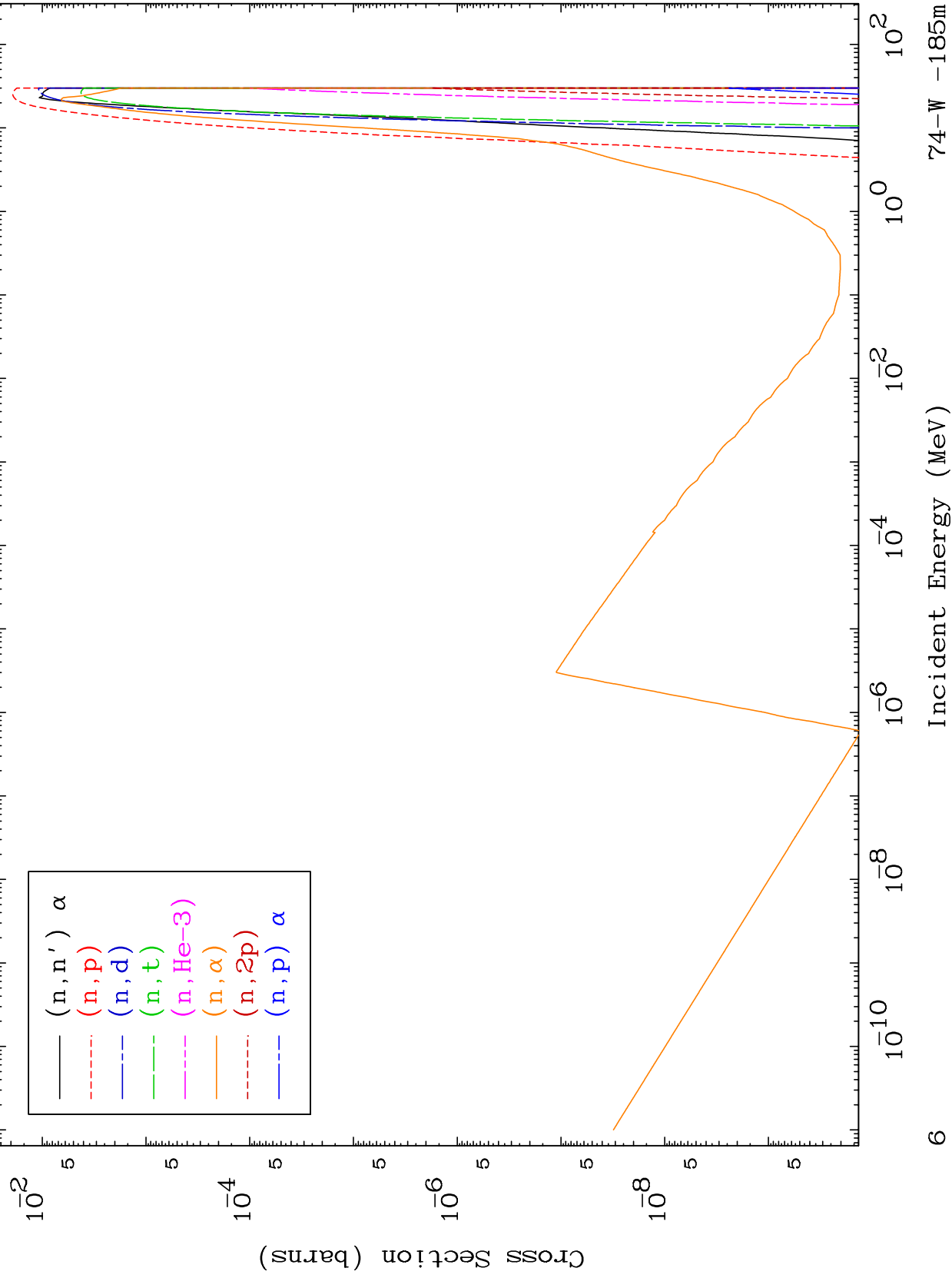
Incident Energy (MeV)

74-W -185m

MAT 7441

Charged Particle  
293 Kelvin Cross Sections

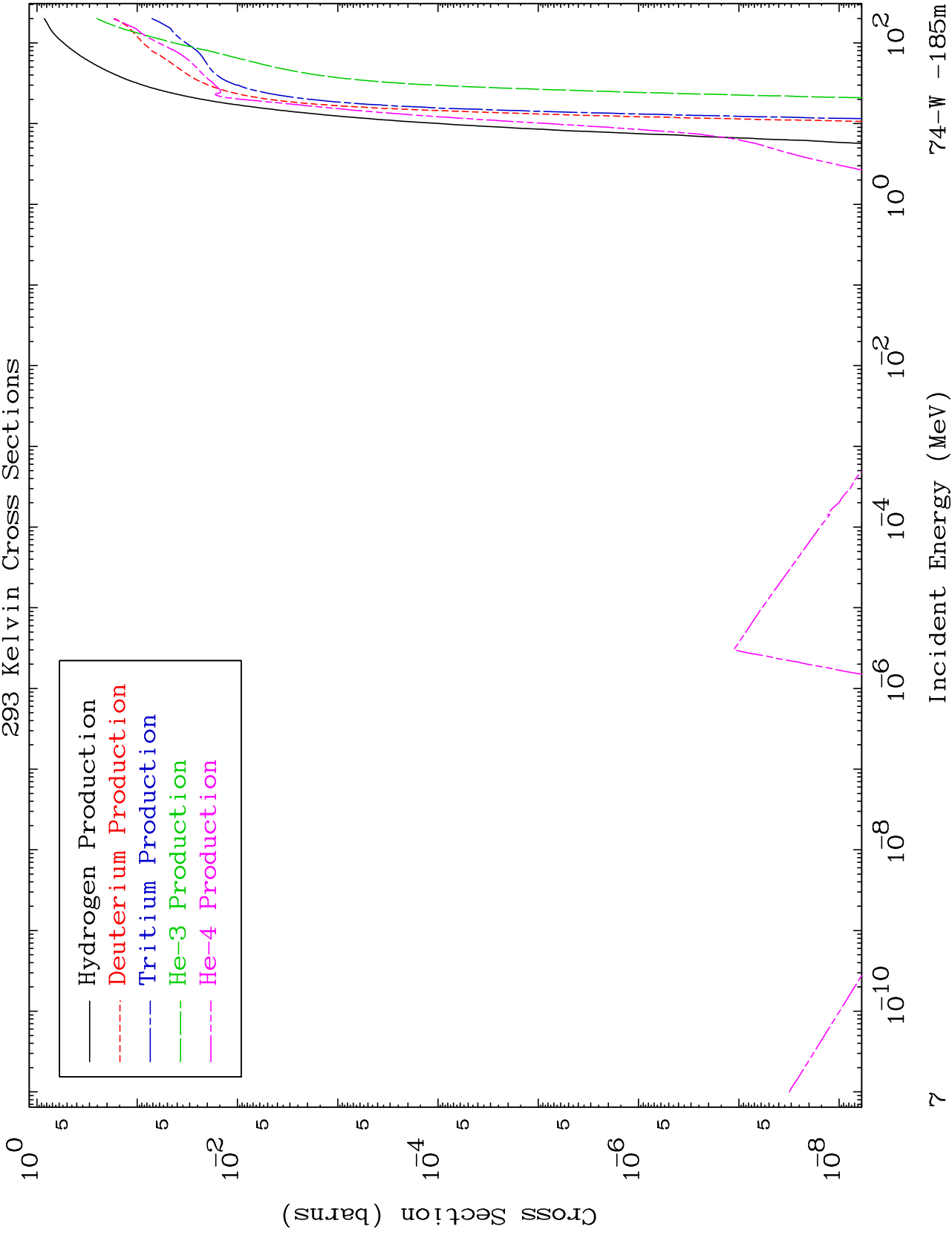
74-W -185m



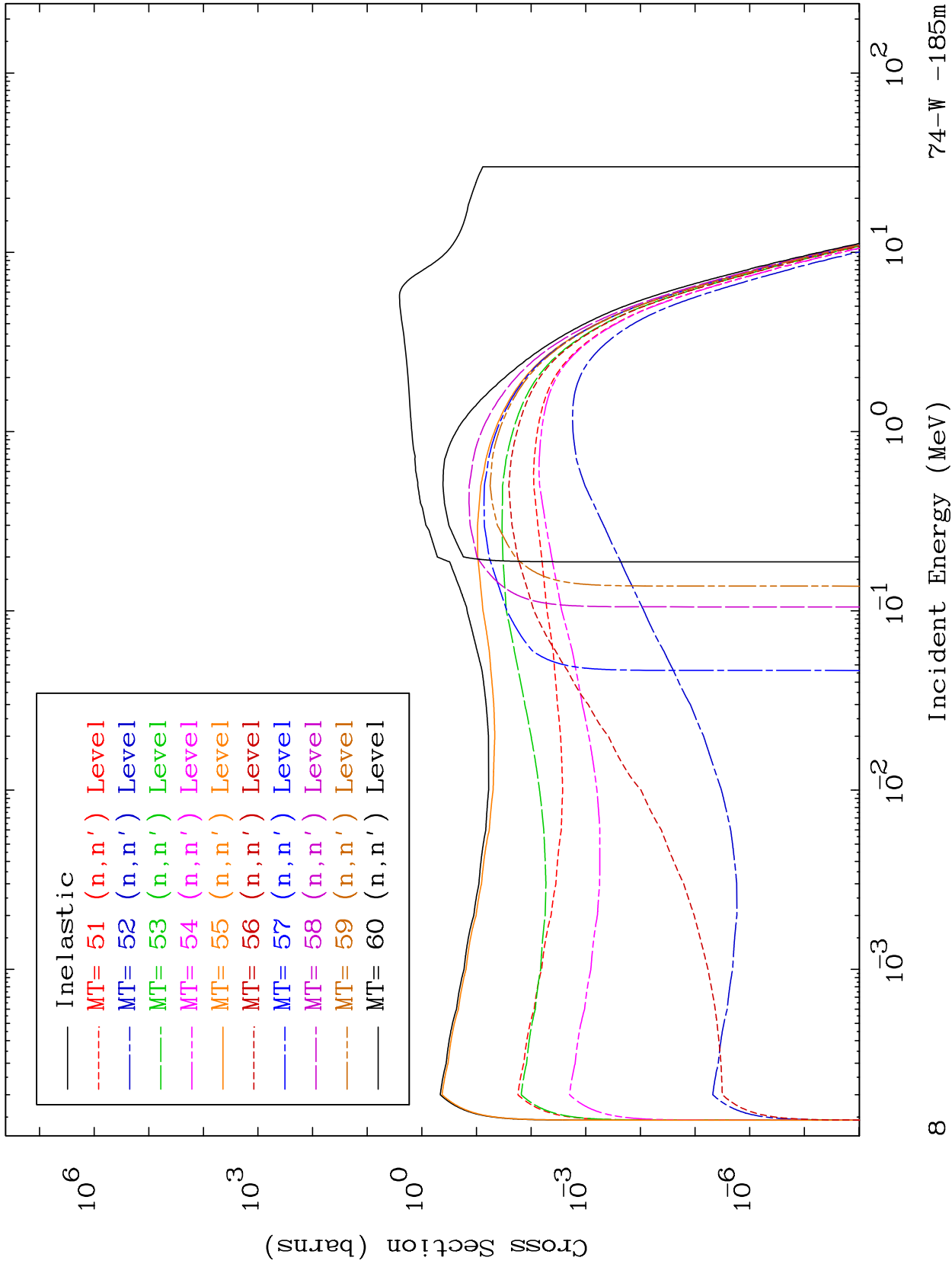
MAT 7441

Particle Production  
293 Kelvin Cross Sections

74-W -185m



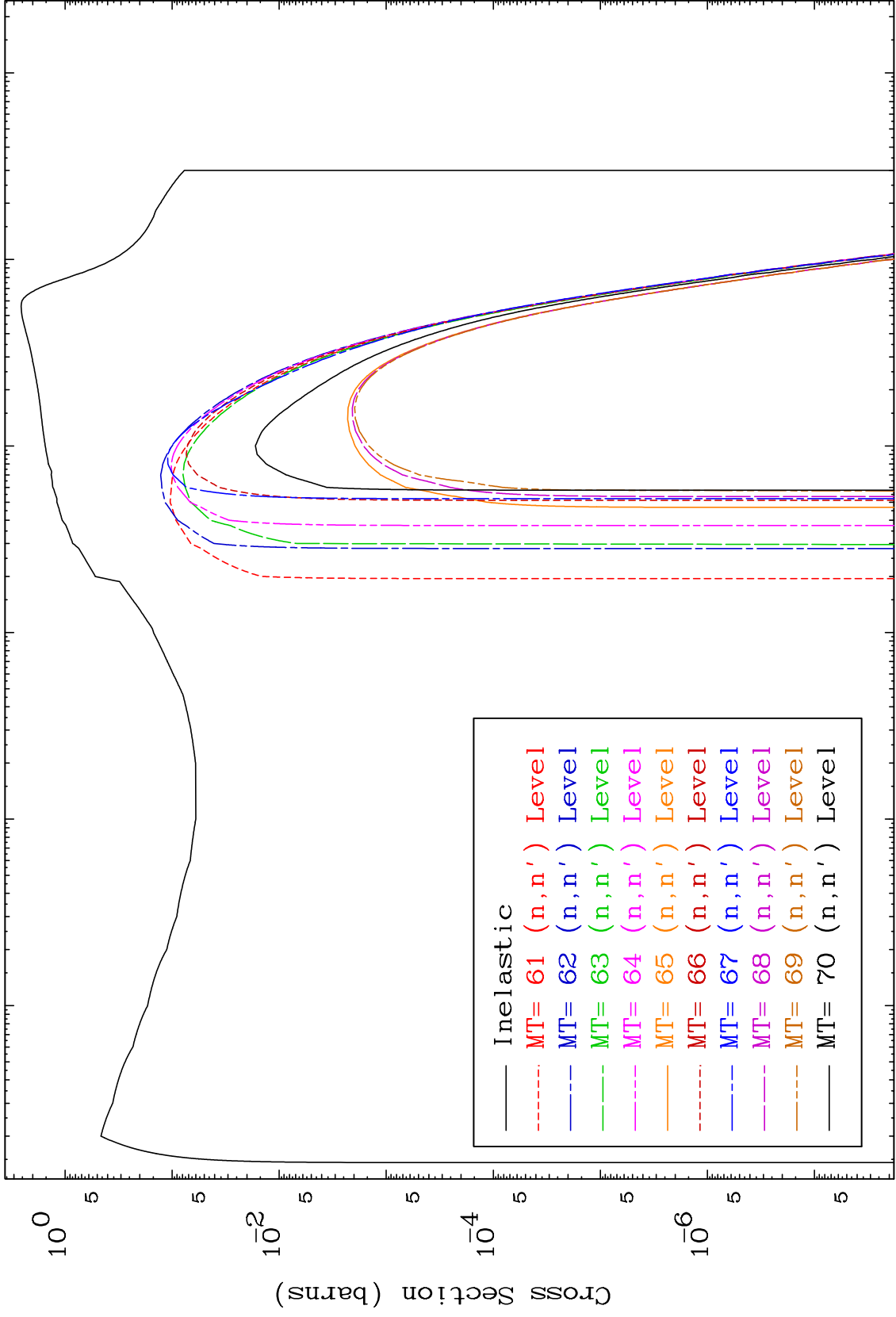




MAT 7441

(n,n') Levels  
293 Kelvin Cross Sections

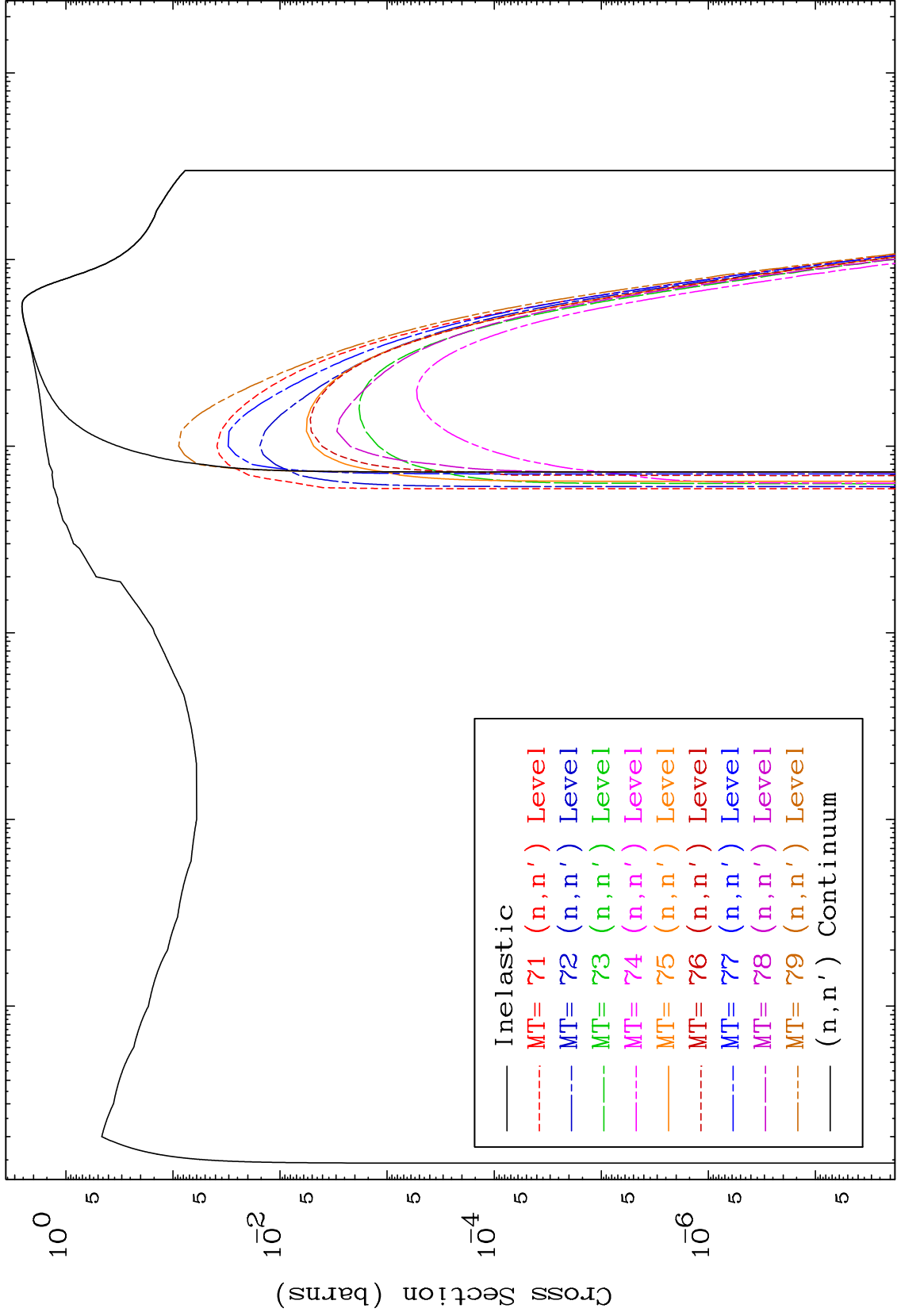
74-W -185m



MAT 7441

(n,n') Levels  
293 Kelvin Cross Sections

74-W -185m



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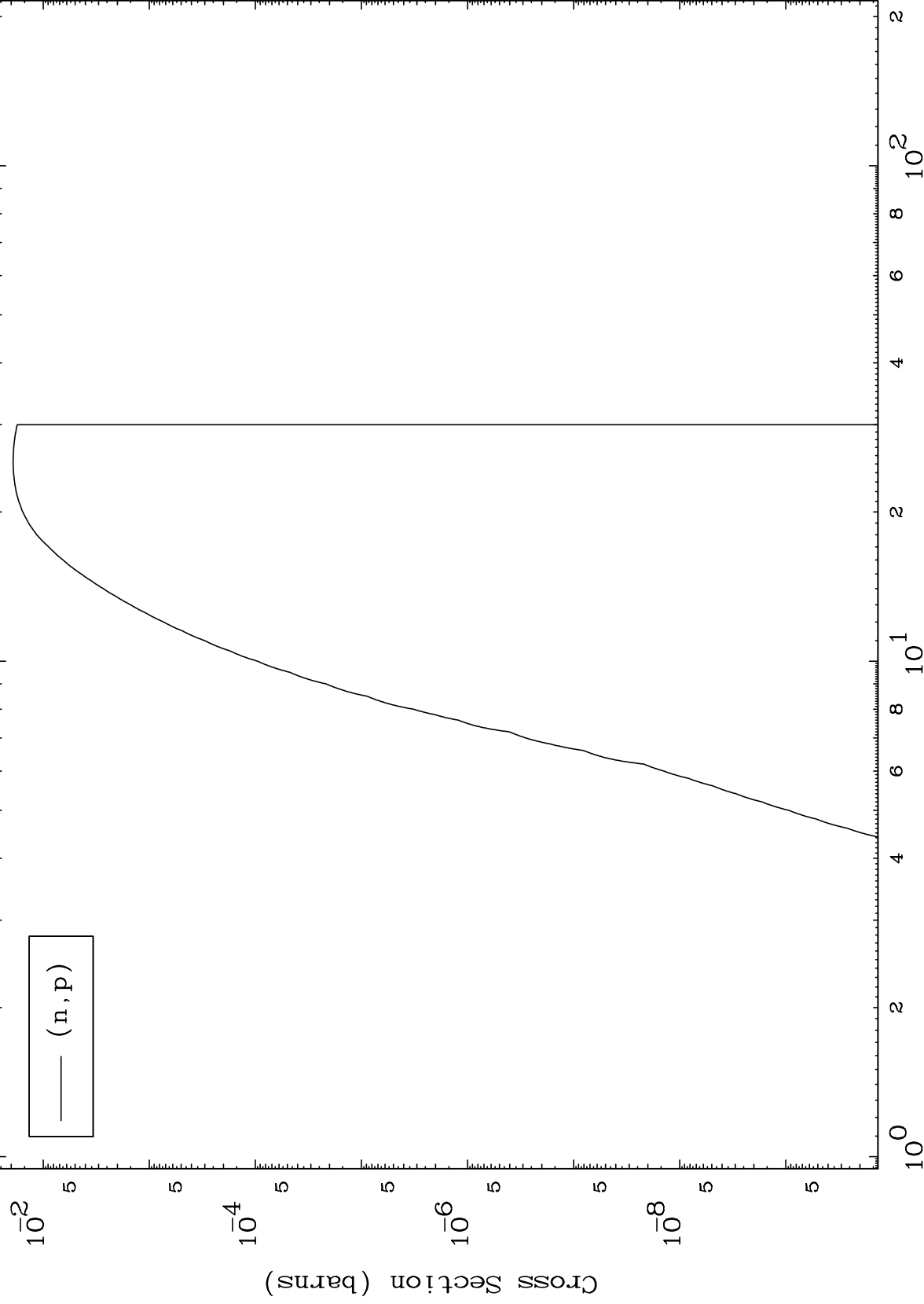
Incident Energy (MeV)

74-W -185m

MAT 7441

(n,p) Levels  
293 Kelvin Cross Sections

74-W - 185m



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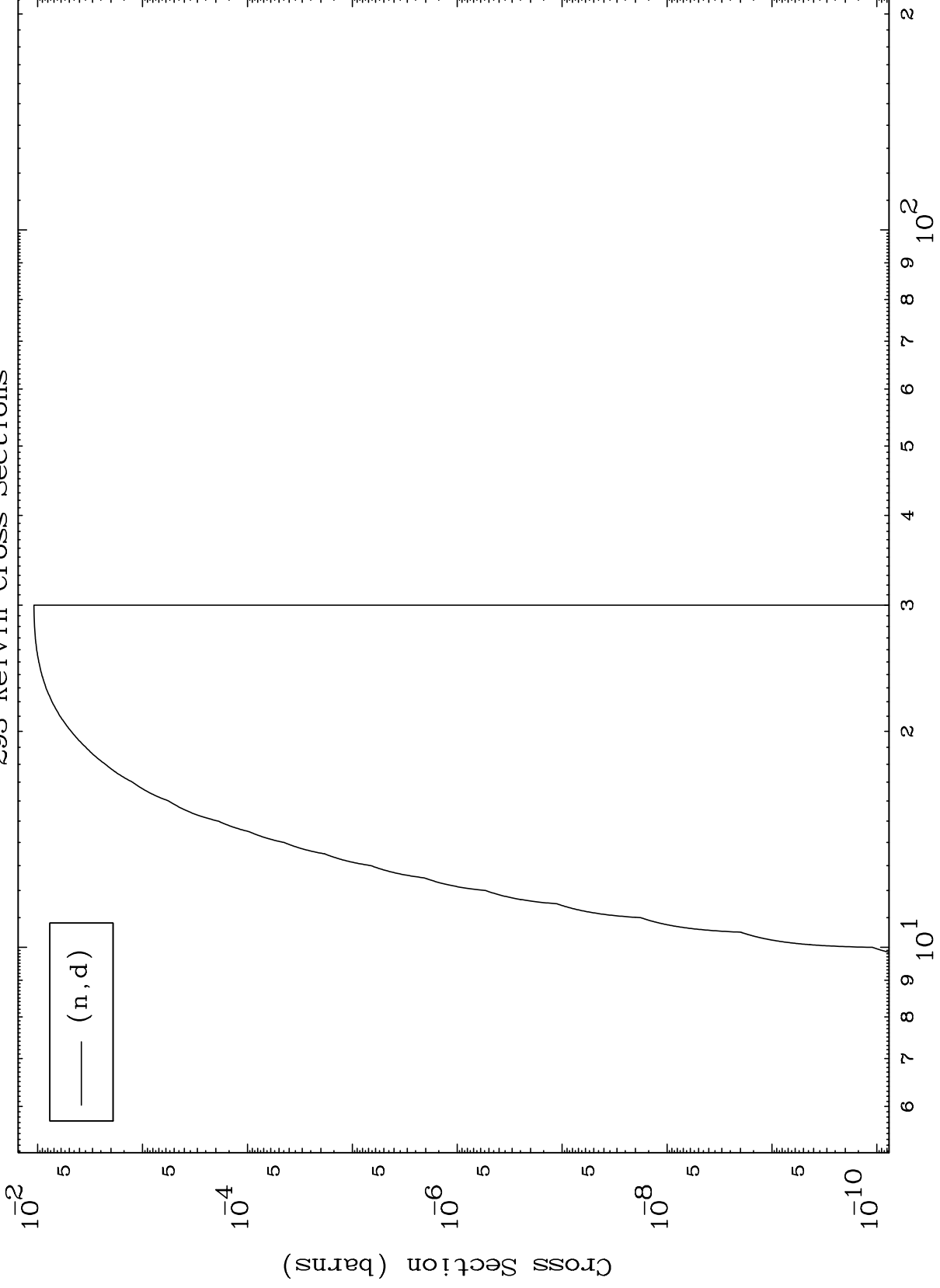
Incident Energy (MeV)

74-W - 185m

MAT 7441

(n,d) Levels  
293 Kelvin Cross Sections

74-W -185m



12

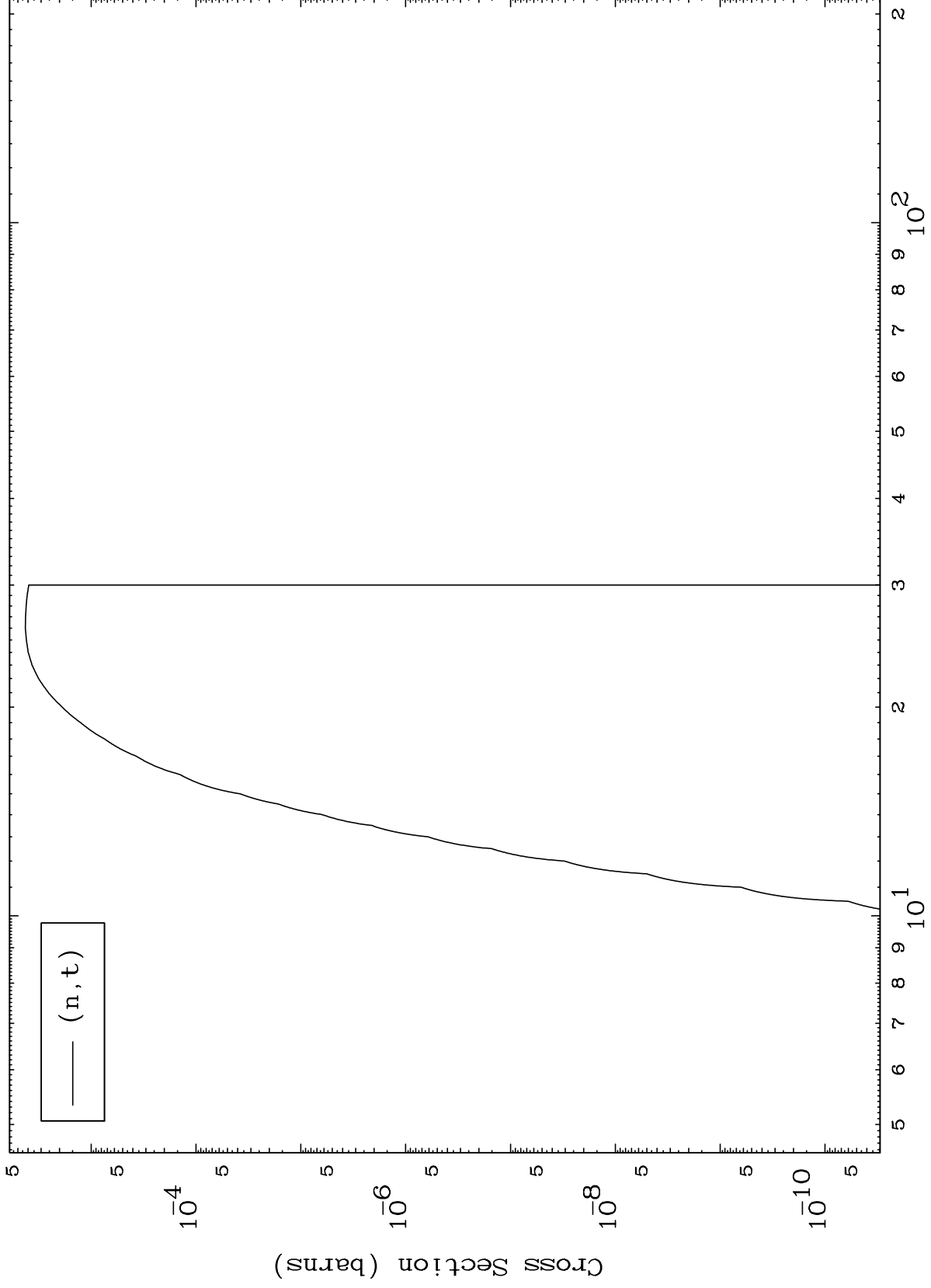
Incident Energy (MeV)

74-W -185m

MAT 7441

(n,t) Levels  
293 Kelvin Cross Sections

74-W -185m



13

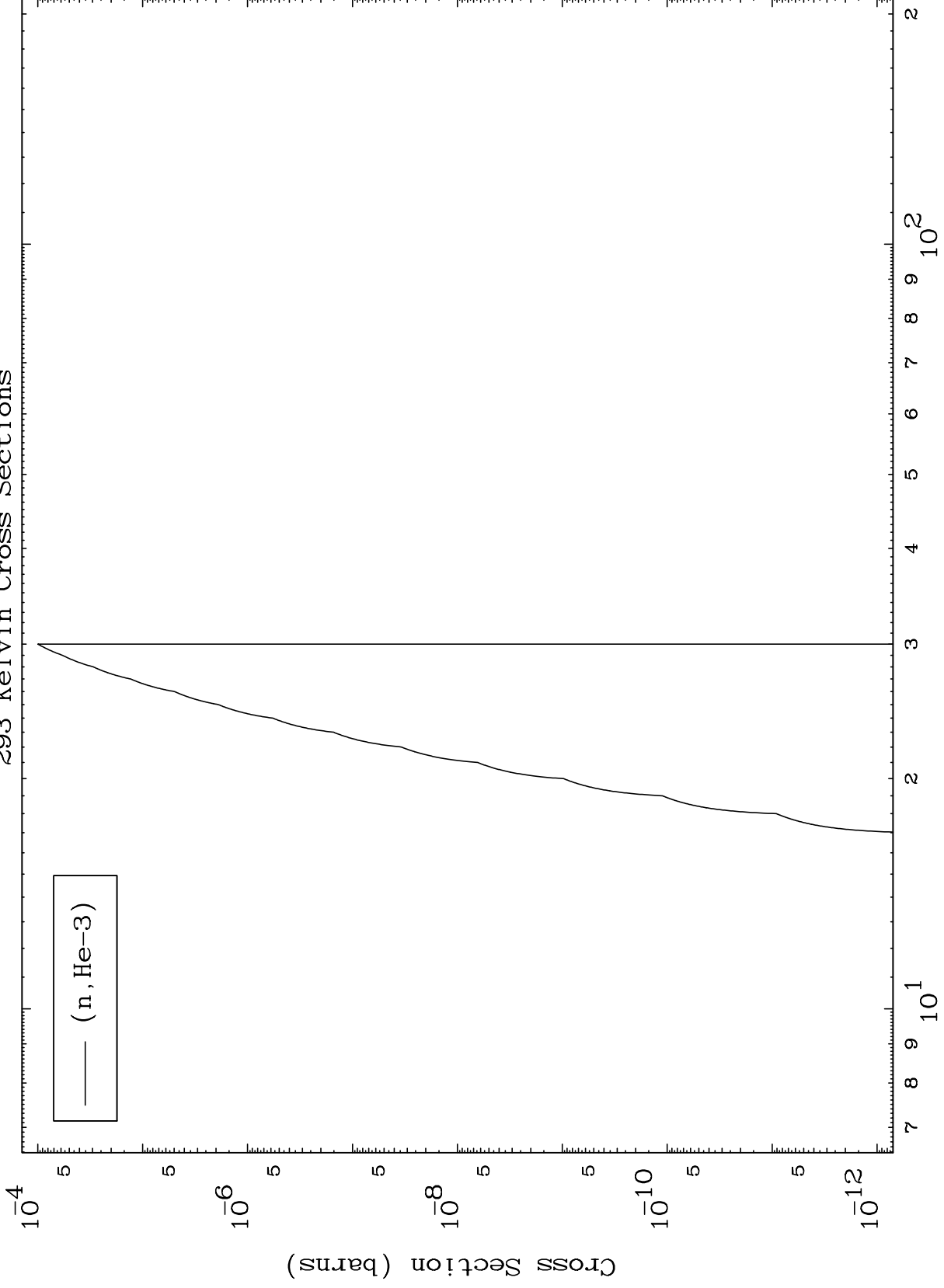
Incident Energy (MeV)

74-W -185m

MAT 7441

(n,He3) Levels  
293 Kelvin Cross Sections

74-W -185m



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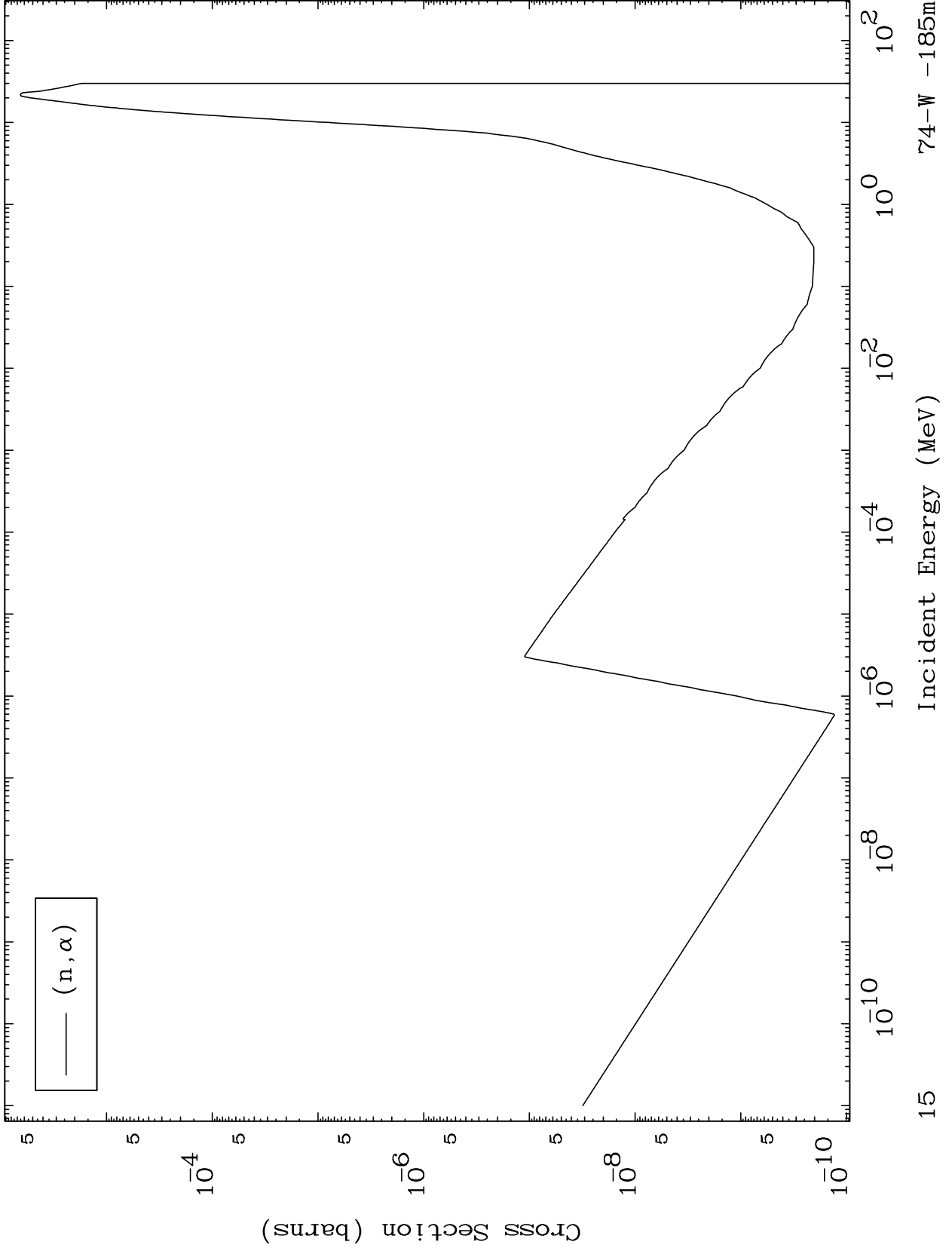
Incident Energy (MeV)

74-W -185m

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

74-W - 185m



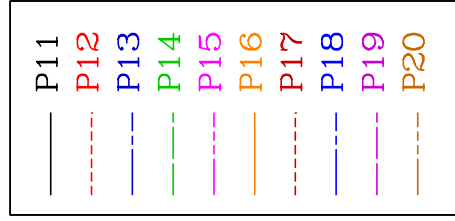




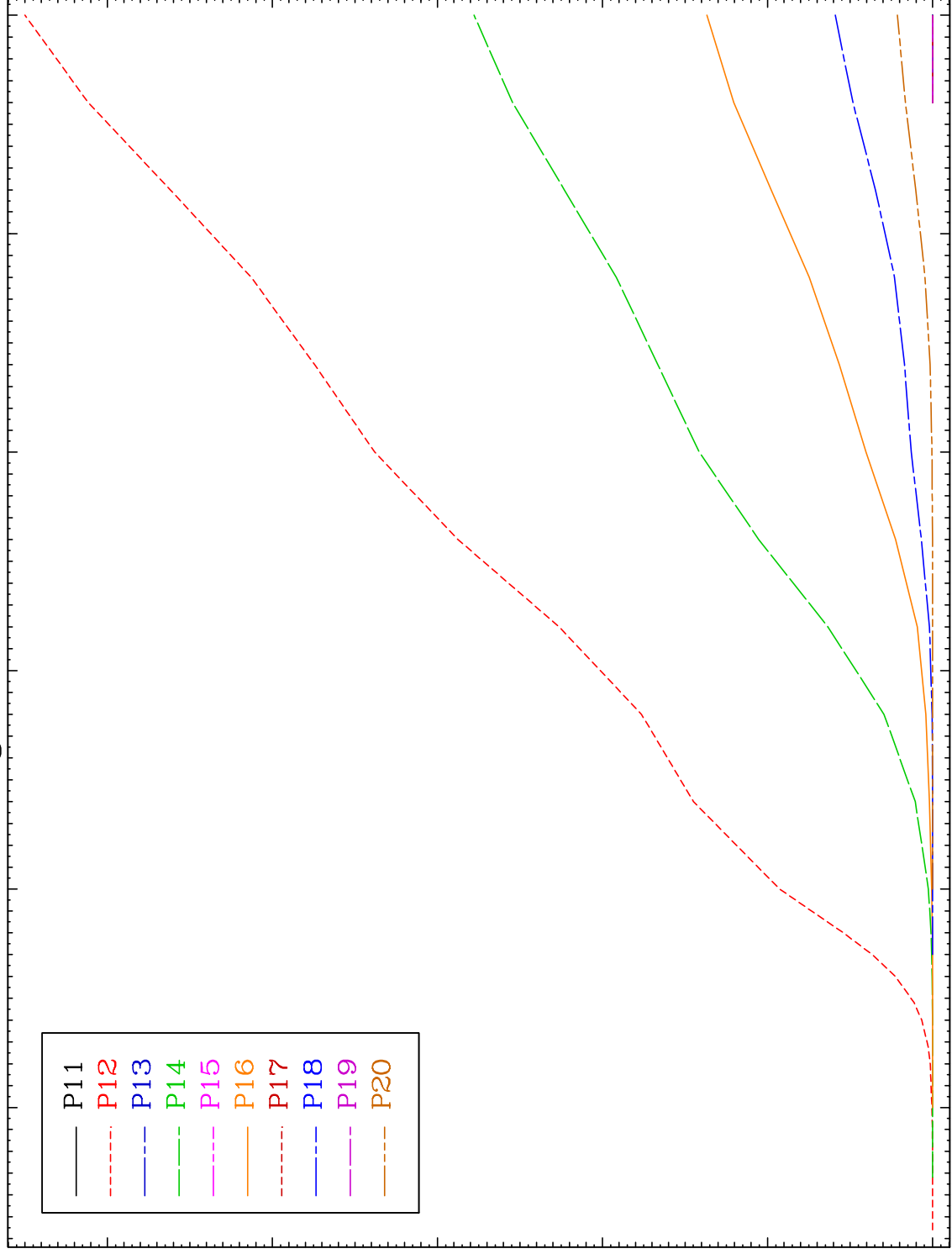
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Elastic Legendre Coefficients

74-W - 185m



Legendre (CM)  $\times 10^{-4}$



17

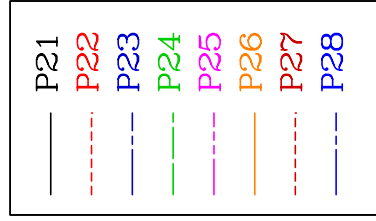
Incident Energy (MeV)

74-W - 185m

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Elastic  
Legendre Coefficients

74-W - 185m



$\times 10^{-6}$

Legendre (CM)

0.8

0.6

0.4

0.2

0.0

15

20

25

30

18

Incident Energy (MeV)

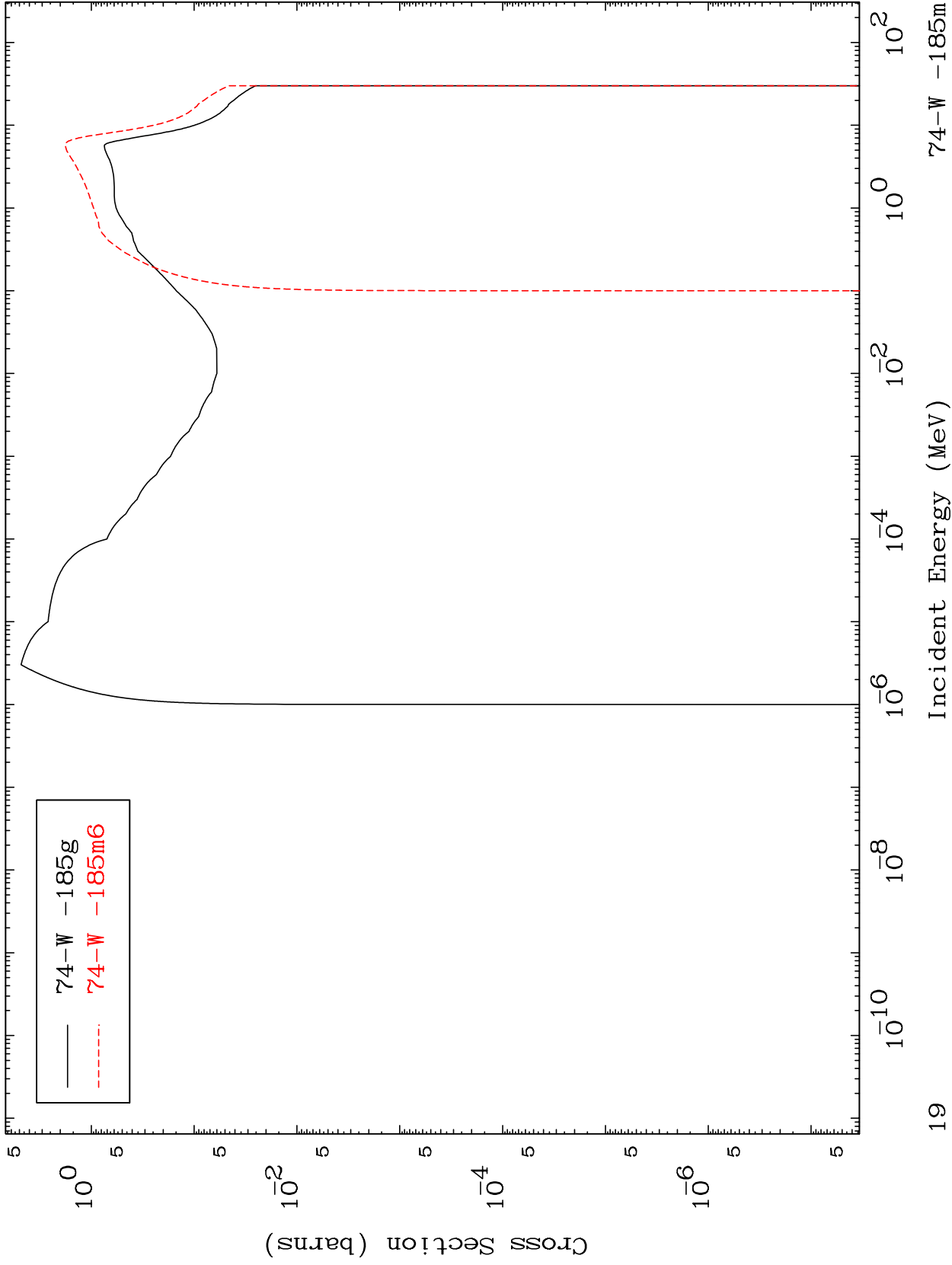
74-W - 185m



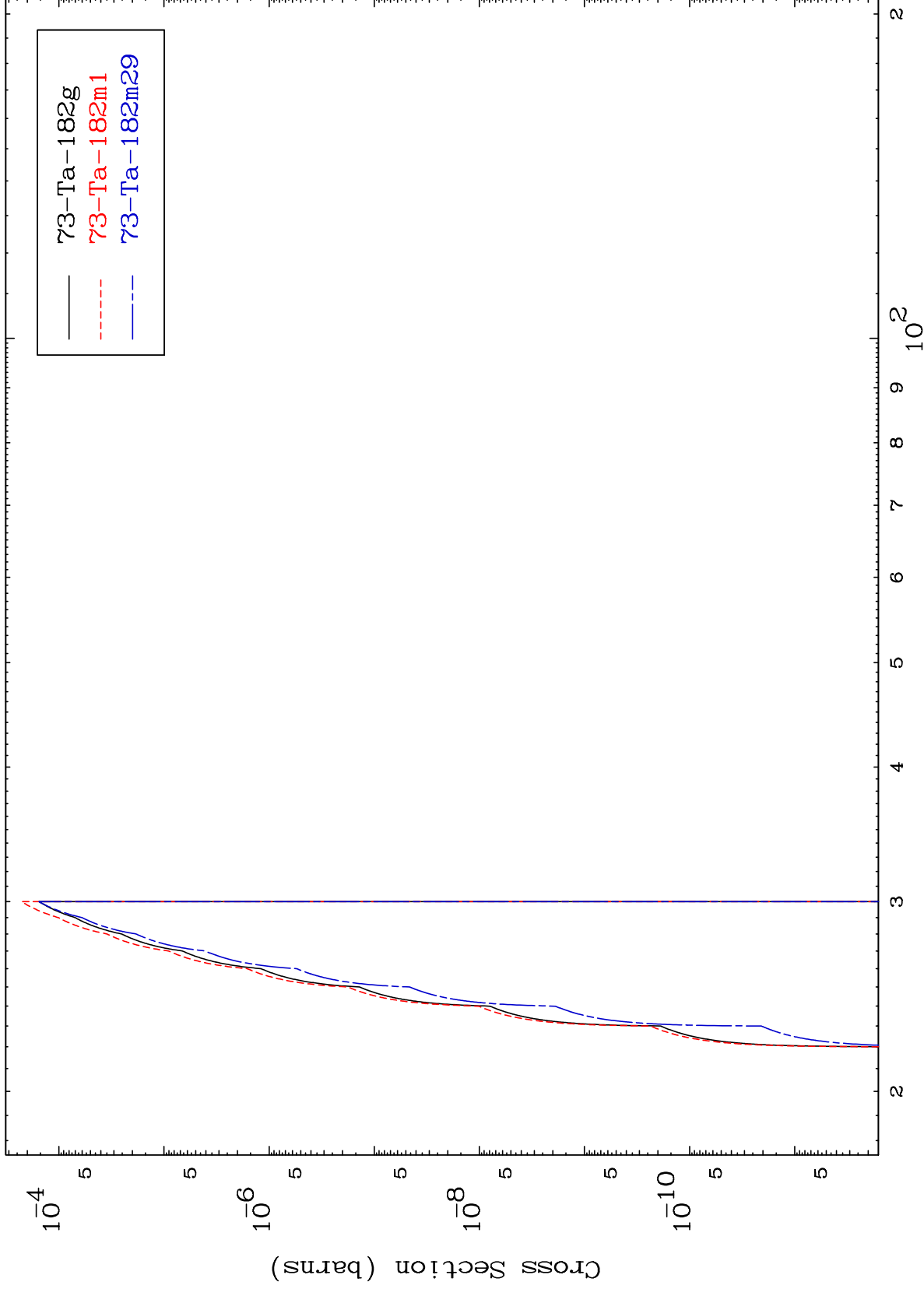
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74-W - 185m

Radionuclide Production Cross Section



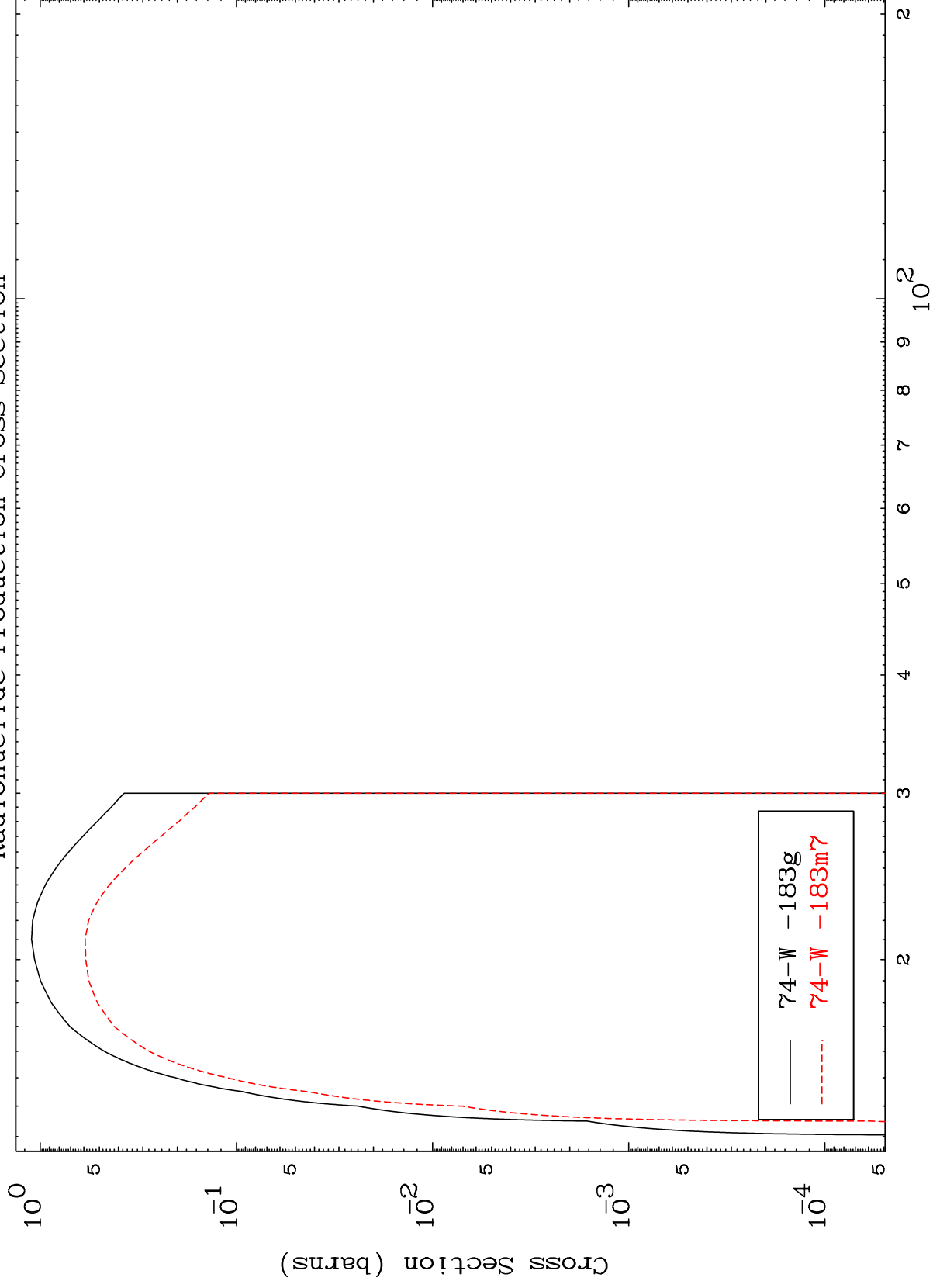
Radionuclide Production Cross Section



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74-W -185m

(n,3n) Radionuclide Production Cross Section



74-W -185m

Incident Energy (MeV)

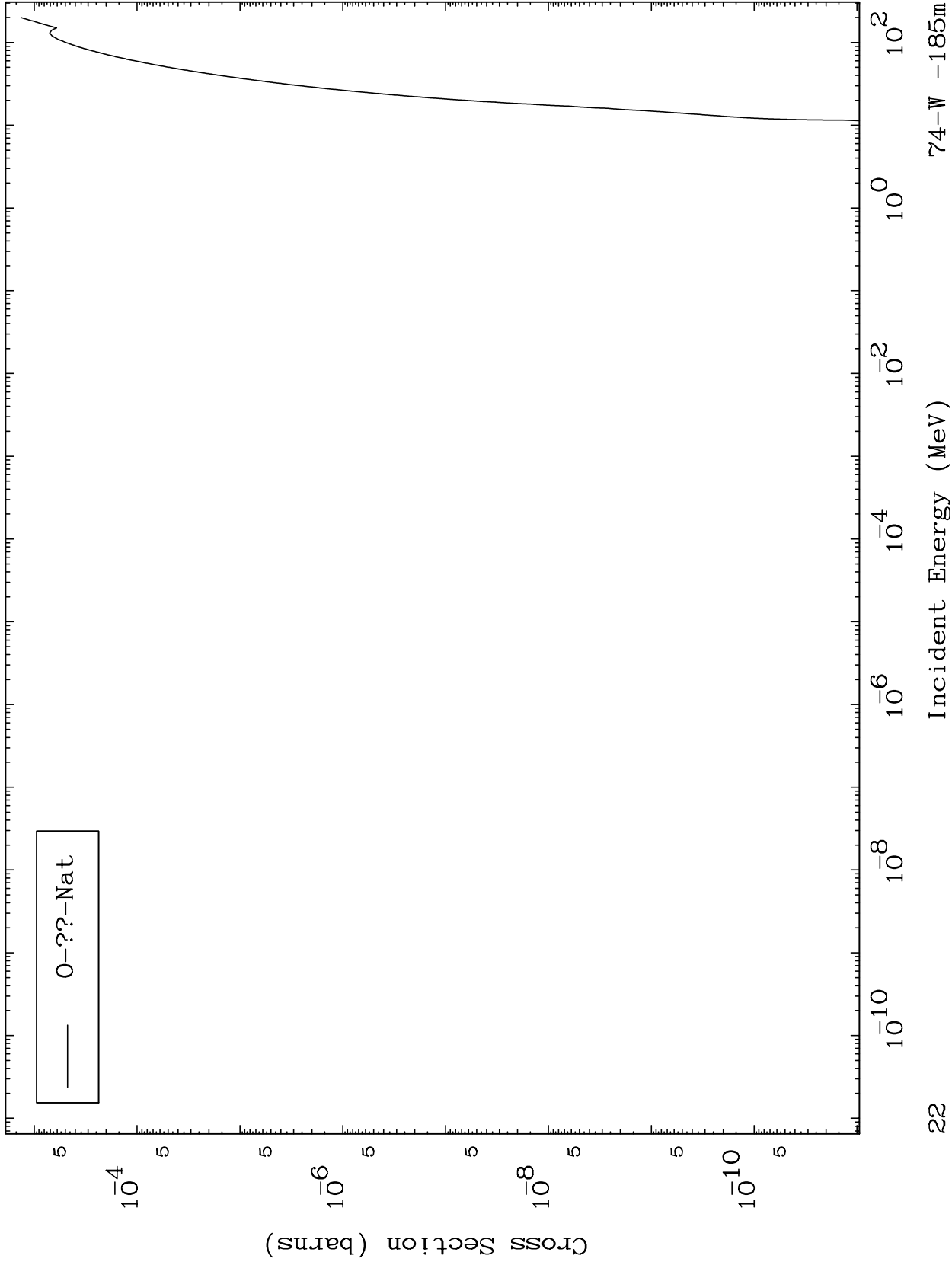
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Fission

74-W -185m

Radionuclide Production Cross Section

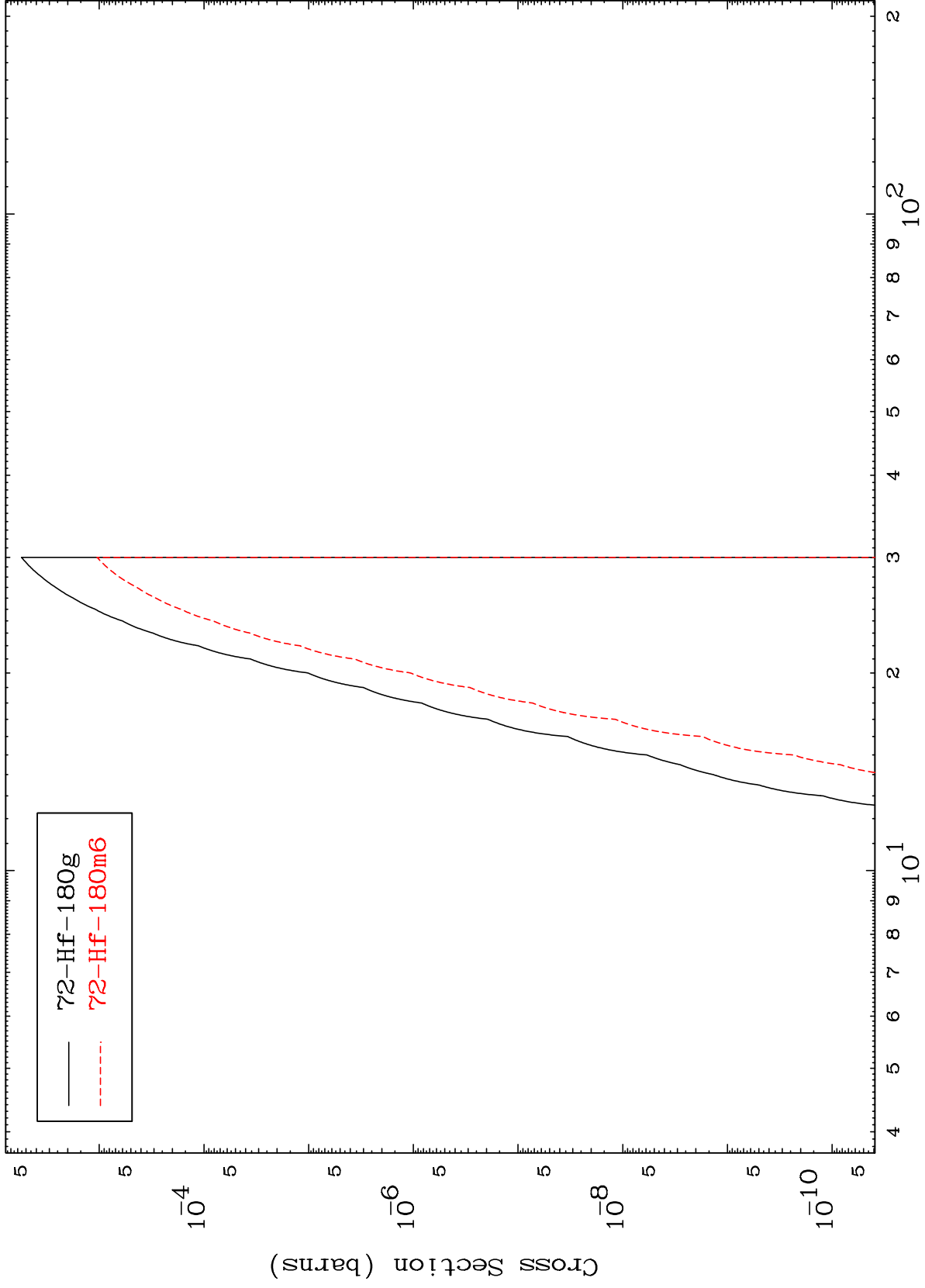


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(n,2n)  $\alpha$

74-W -185m

Radionuclide Production Cross Section



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Incident Energy (MeV)

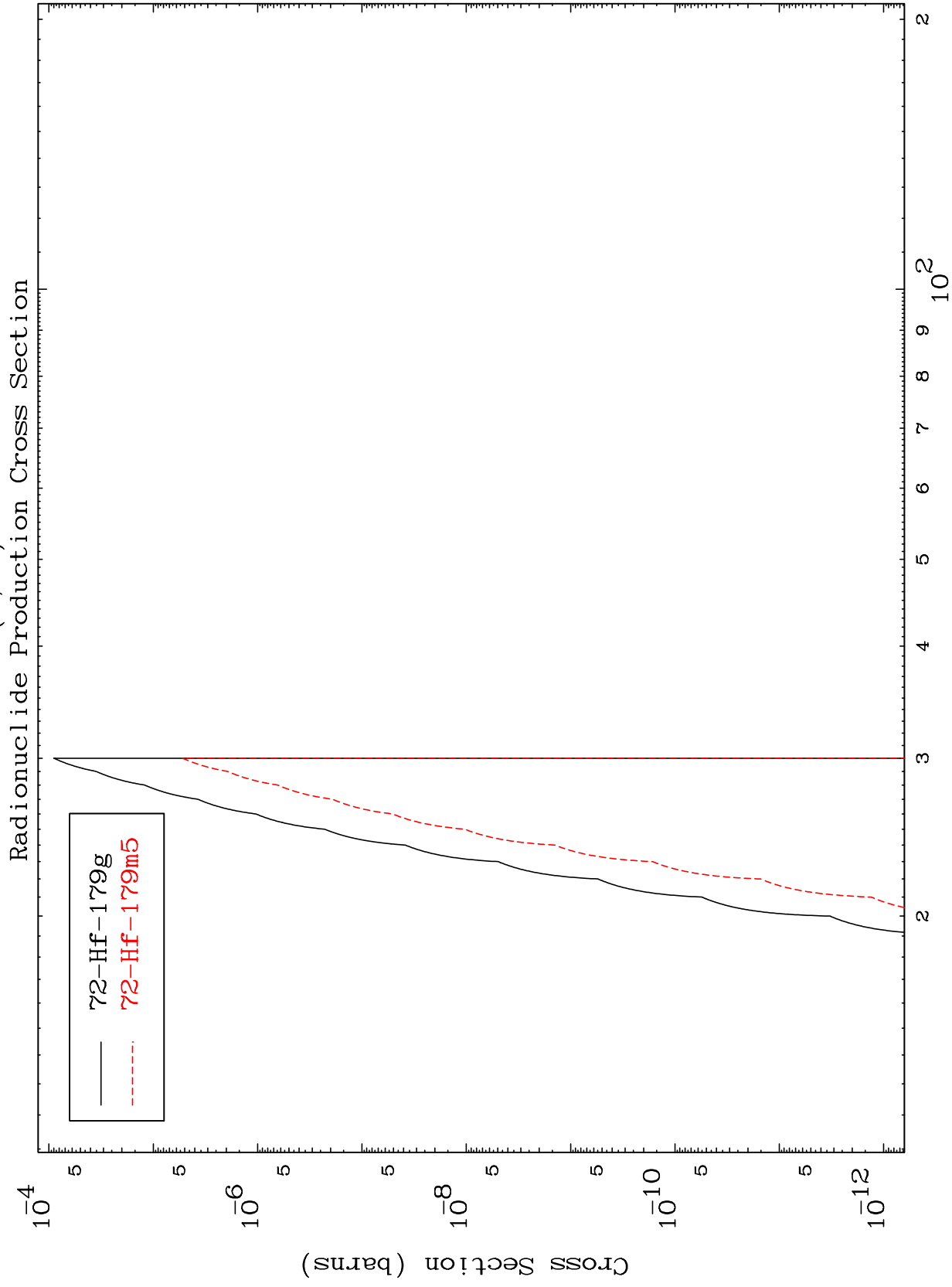
74-W -185m



MAT 7441

(n,3n)  $\alpha$

74-W -185m

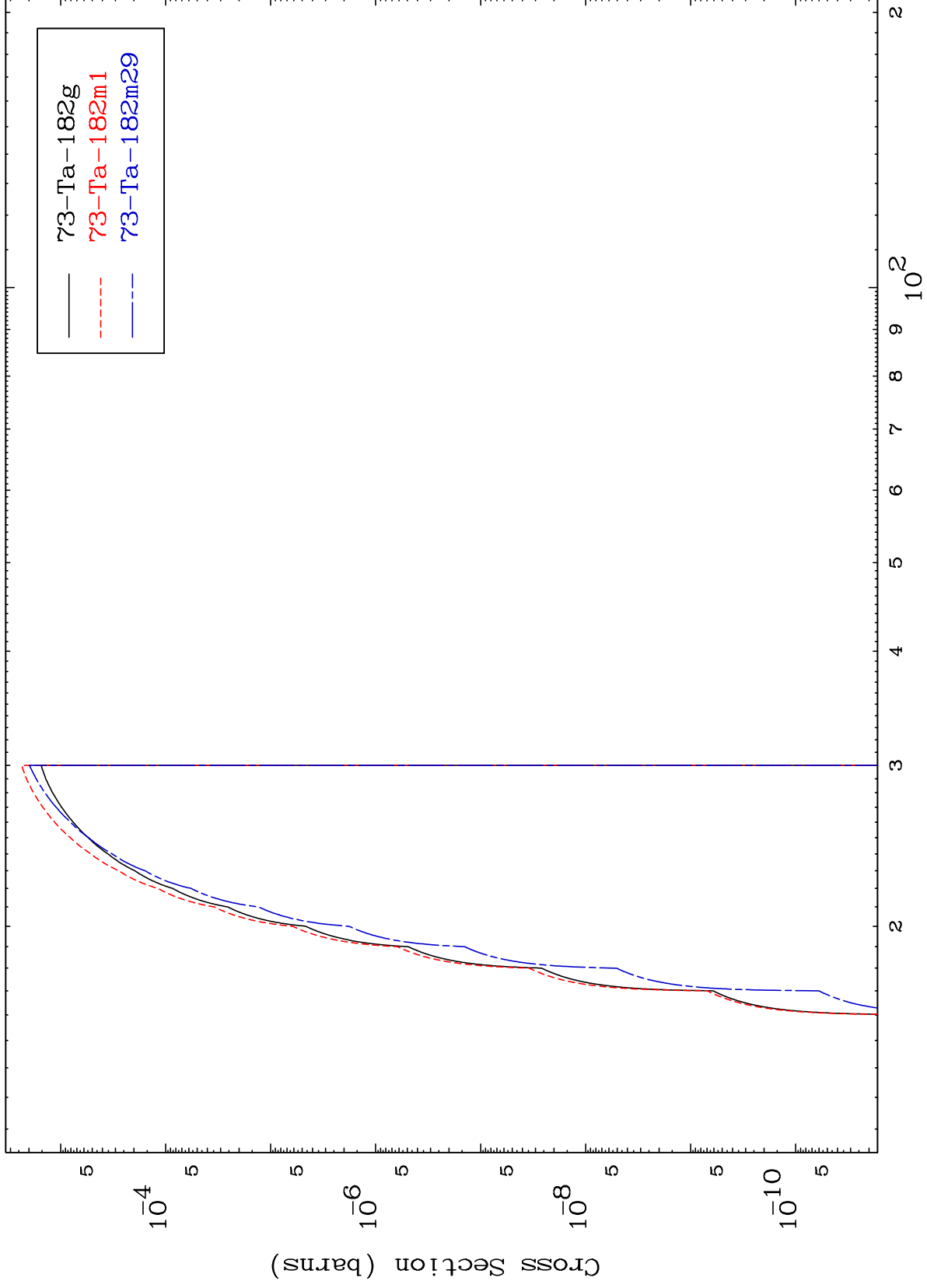


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Incident Energy (MeV)

74-W -185m

Radionuclide Production Cross Section

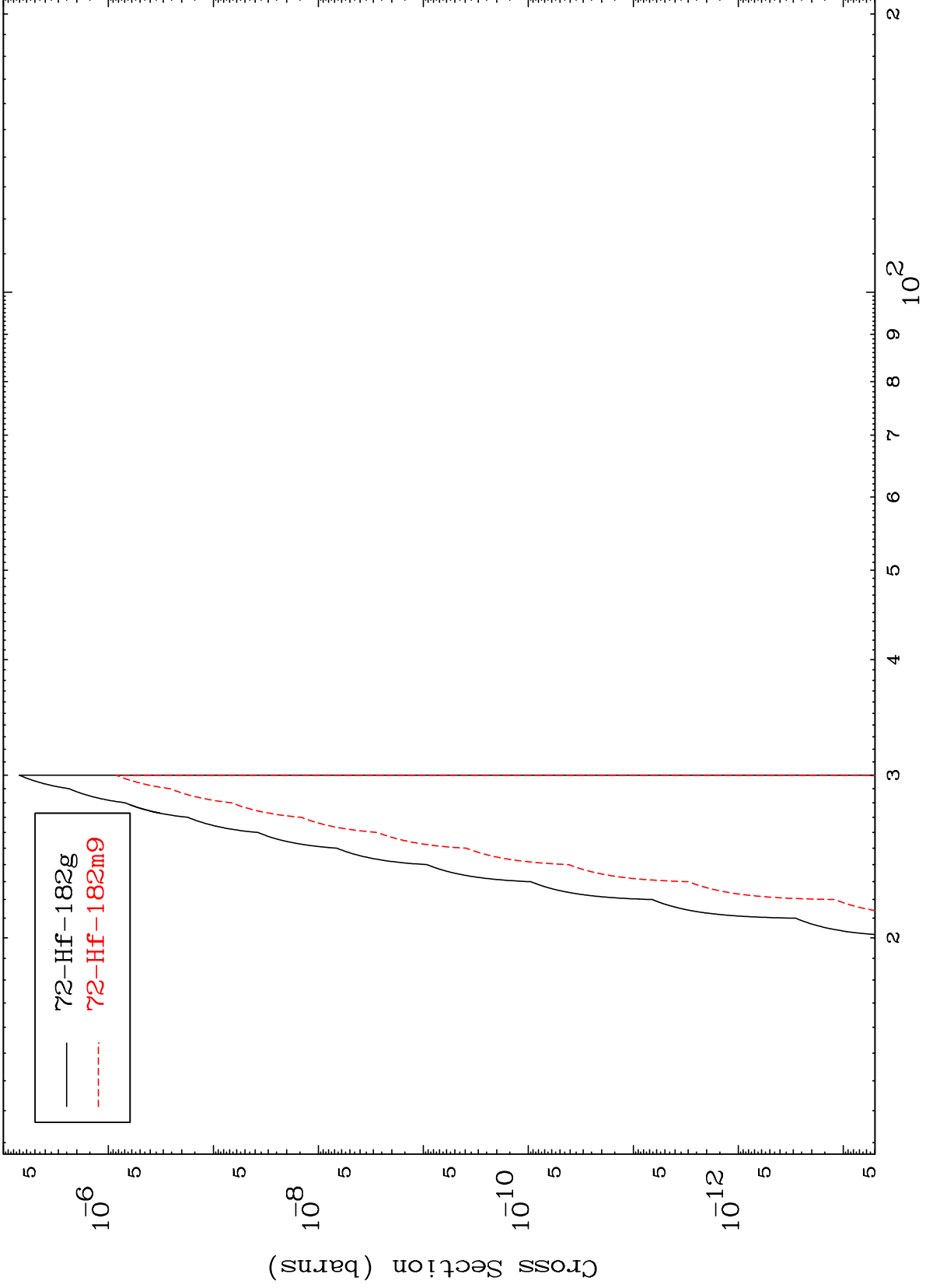


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(n,n') He-3

74-W -185m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

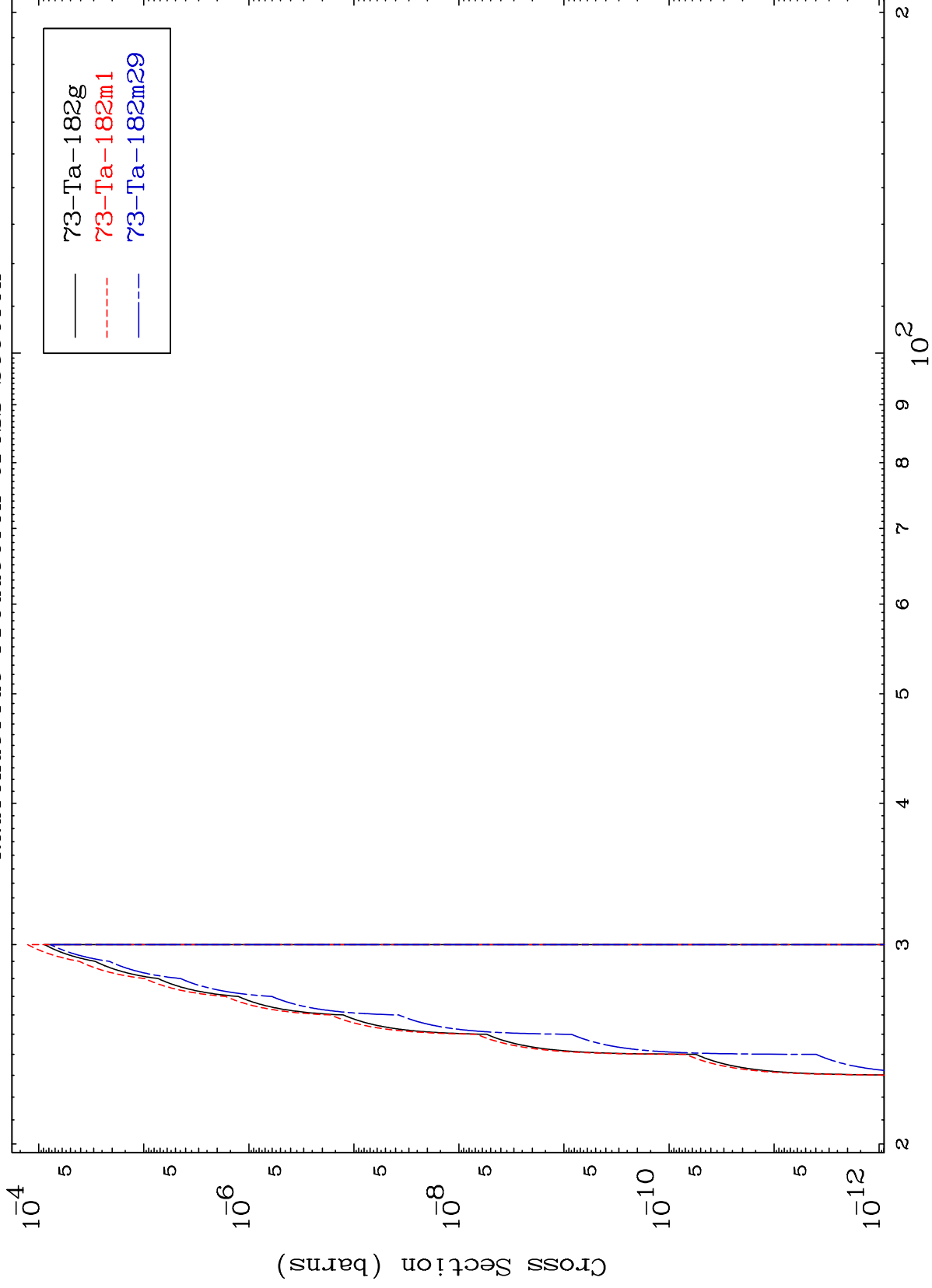
74-W -185m

MAT 7441

(n,3n) p

74-W -185m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

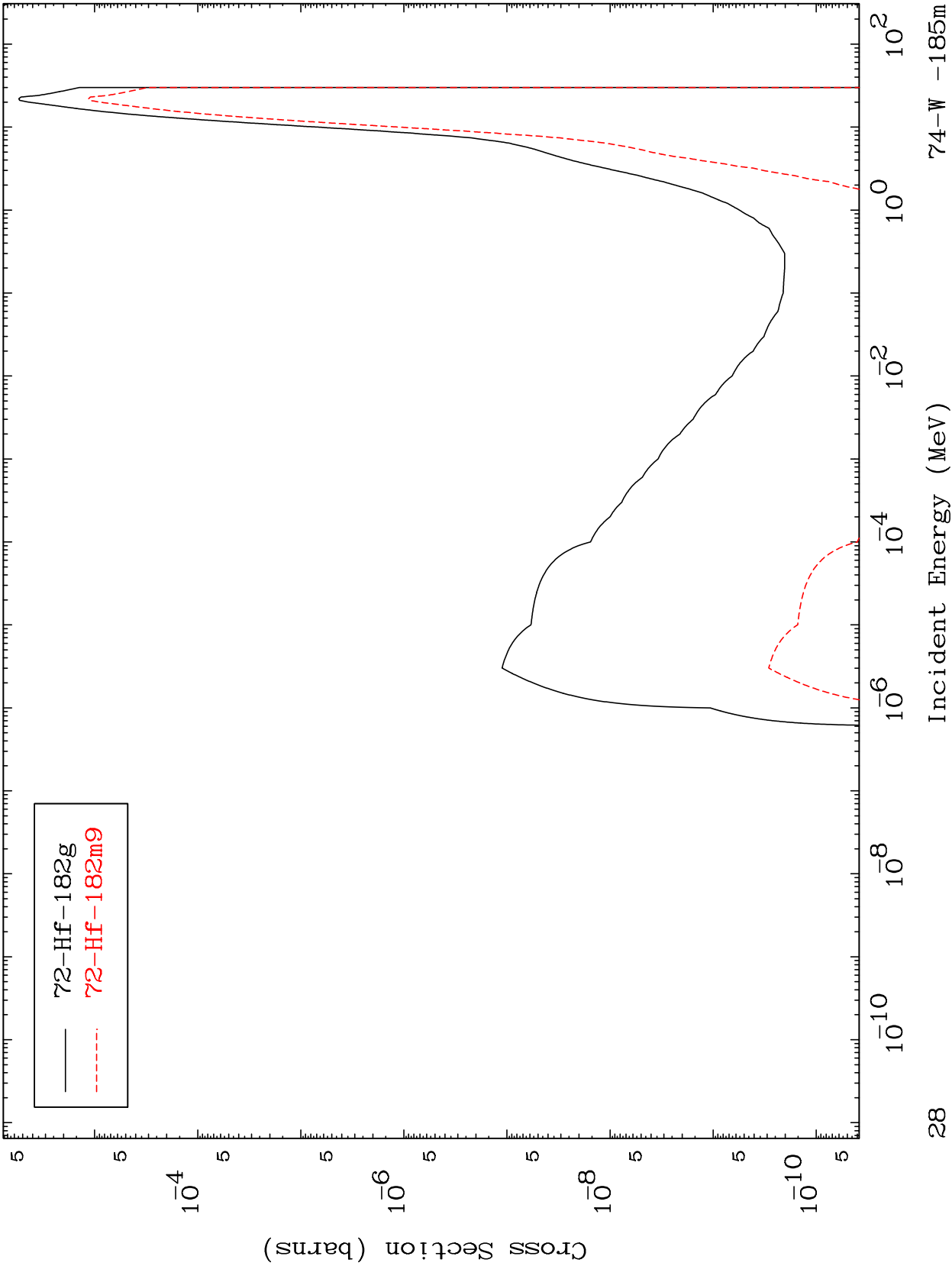
74-W -185m

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(n,  $\alpha$ )

74-W - 185m

Radionuclide Production Cross Section

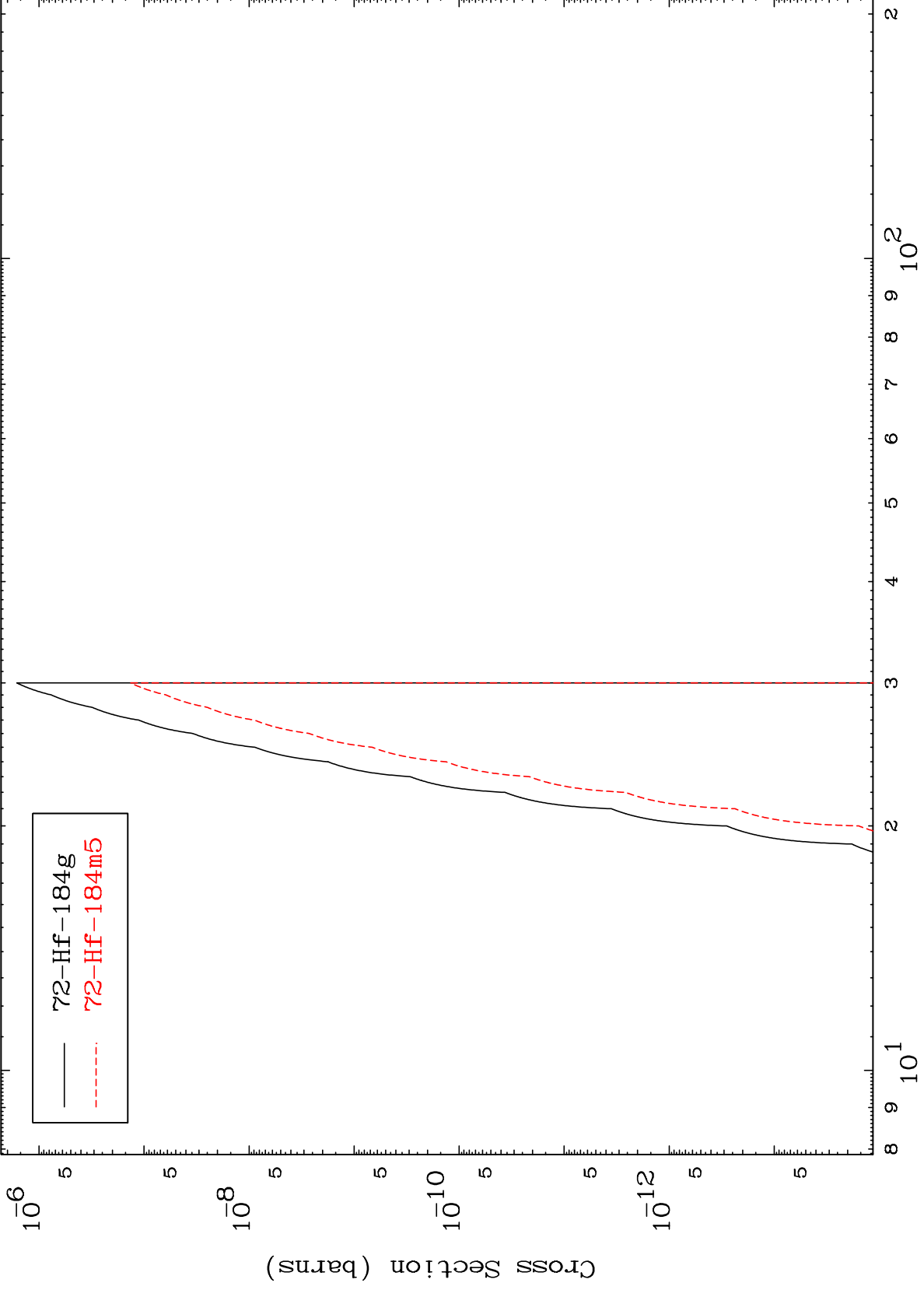


— 72-Hf-182g  
- - - 72-Hf-182m9

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74-W - 185m

(n,2p)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

74-W - 185m