

Program EVALPLOT
(Version 2017-1)

by

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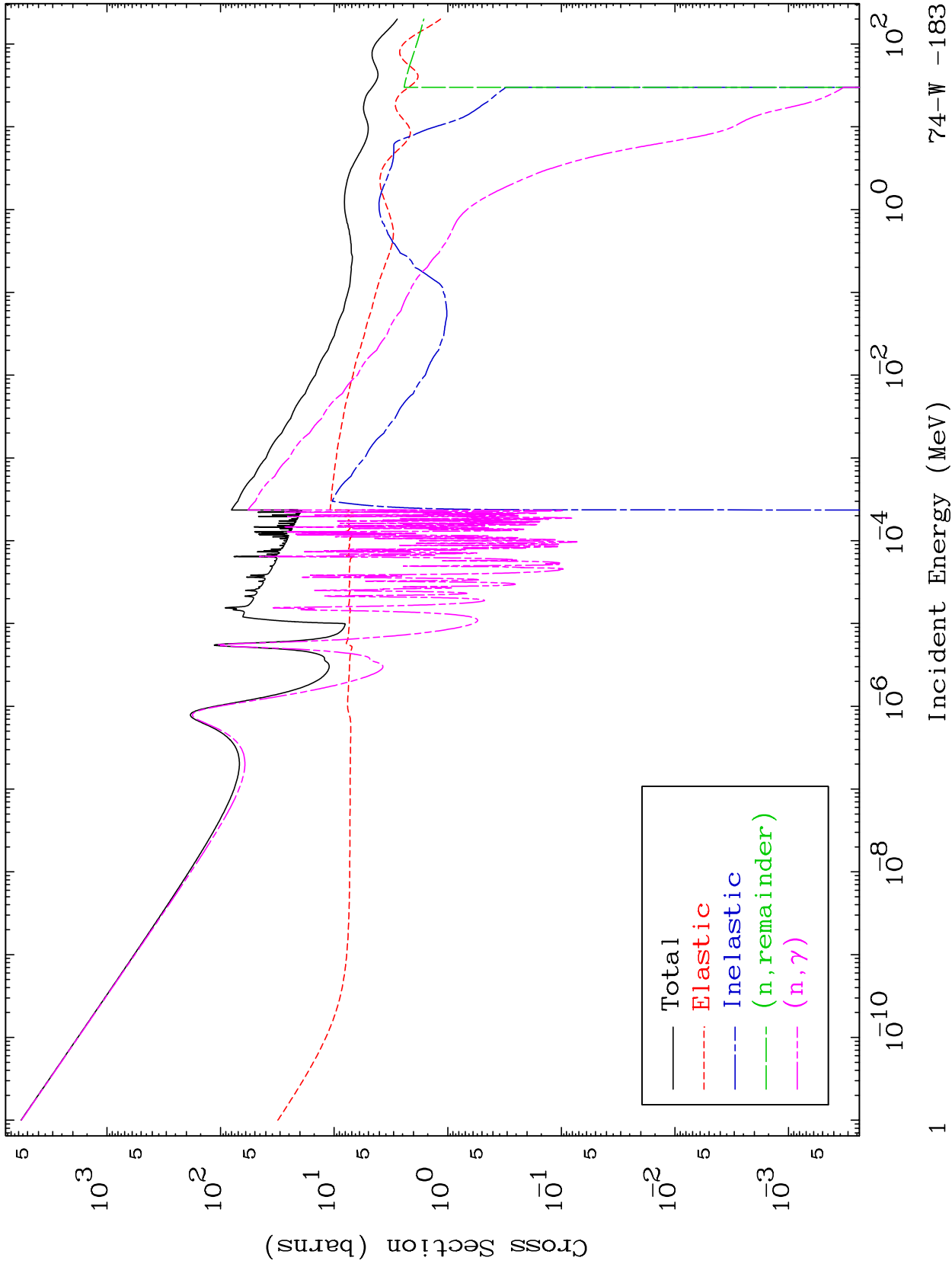
Press Mouse Button to Start

MAT 7435

Major

293 Kelvin Cross Sections

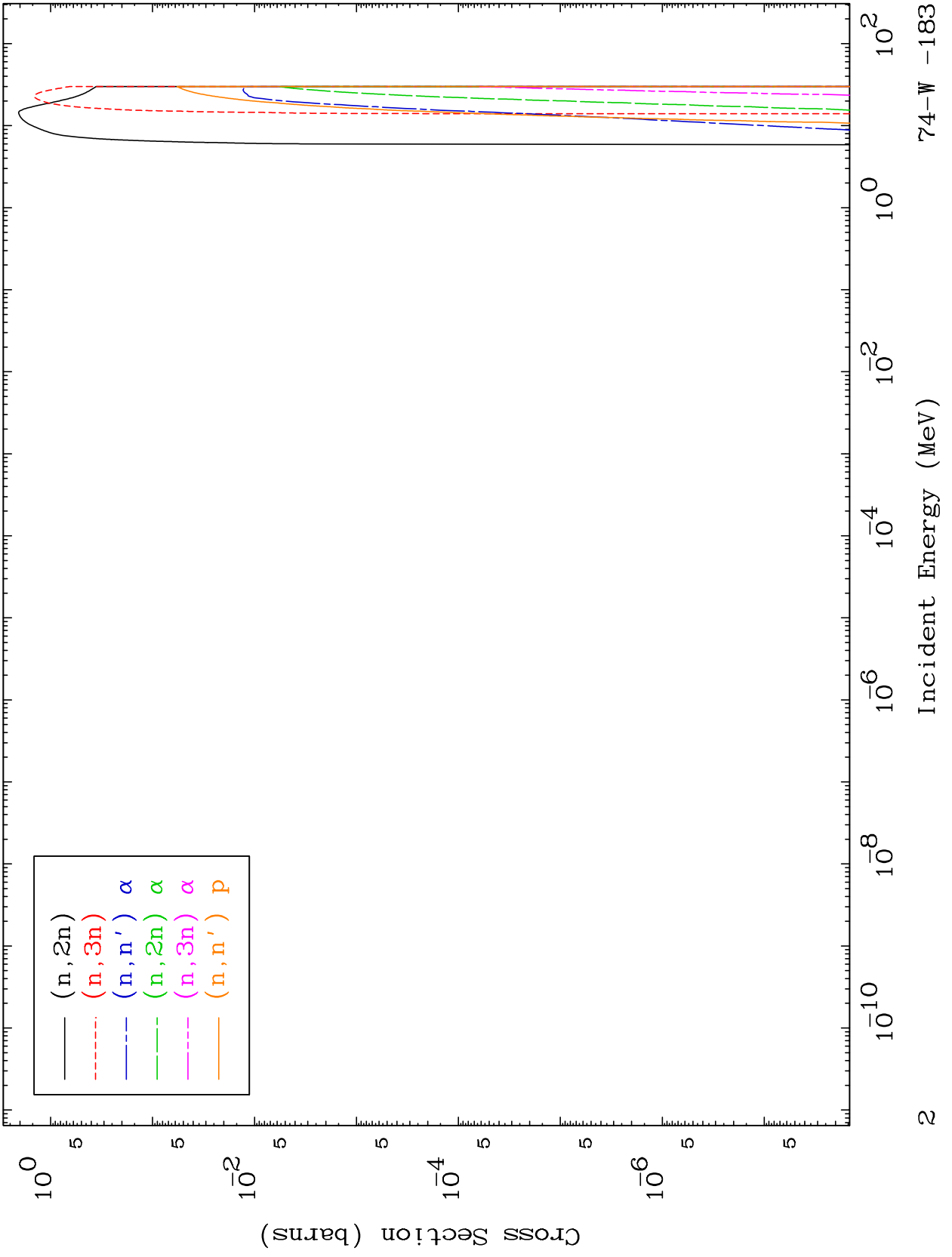
74-W -183

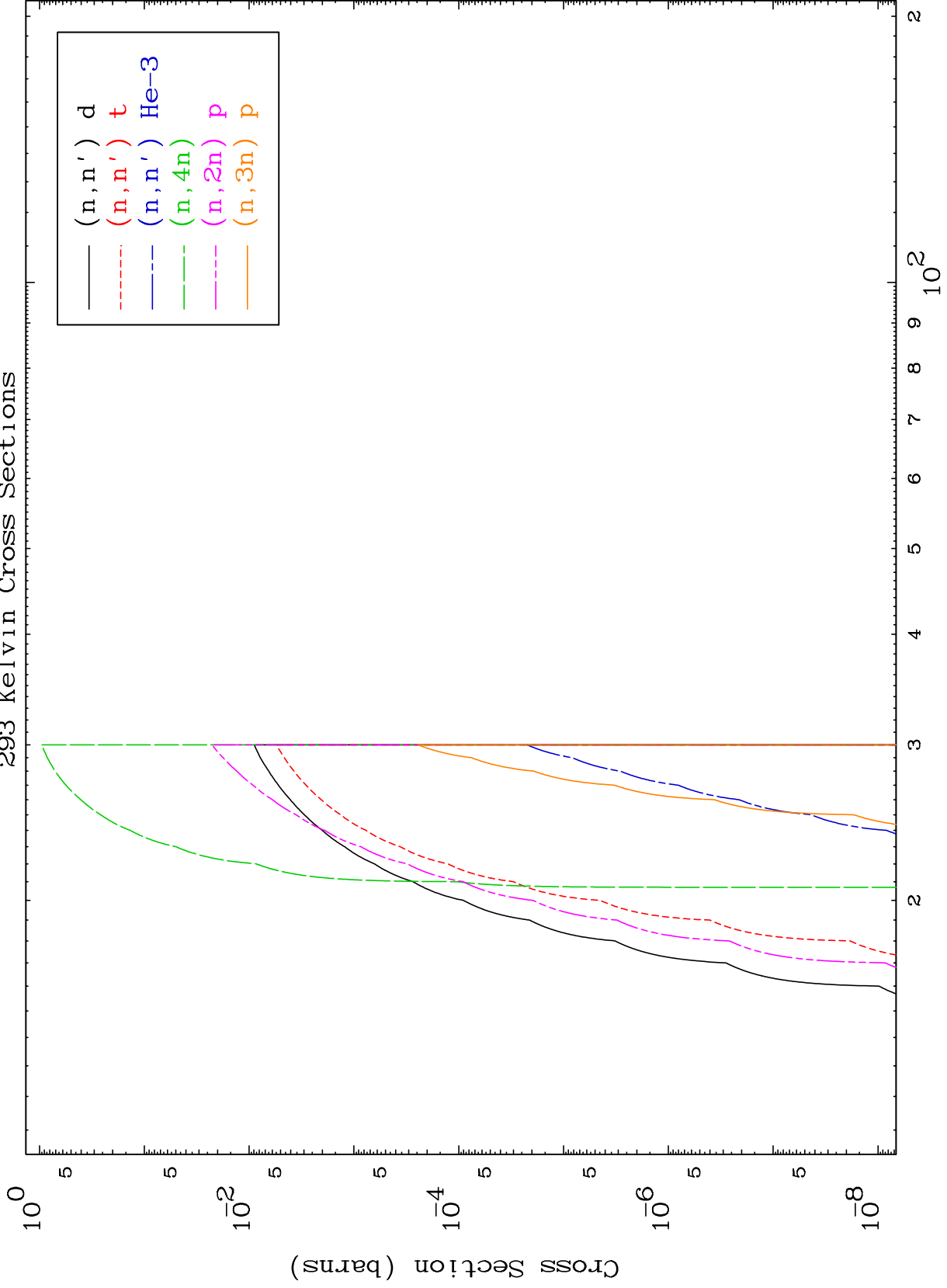


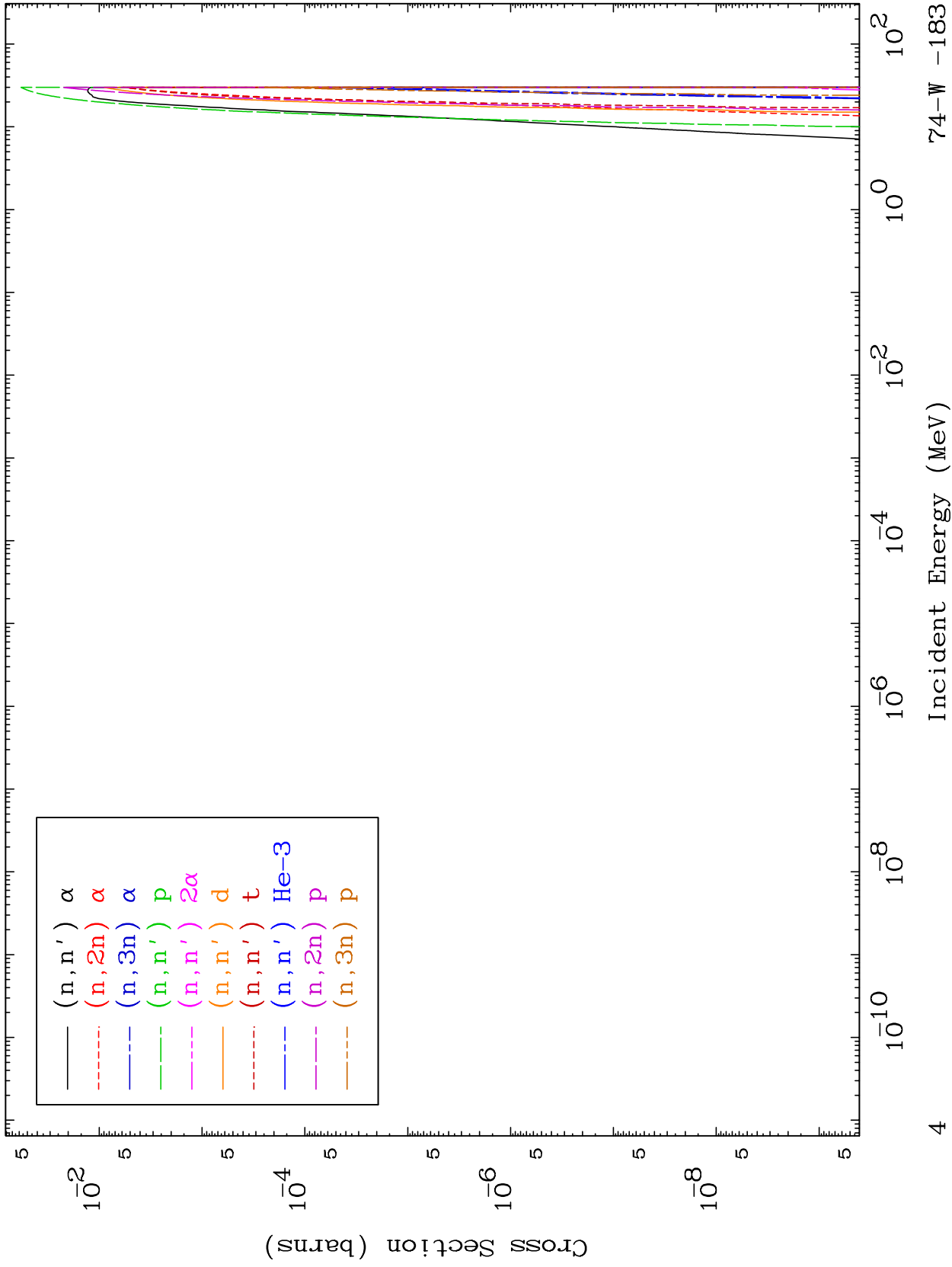
MAT 7435

Neutron Production
293 Kelvin Cross Sections

74-W -183



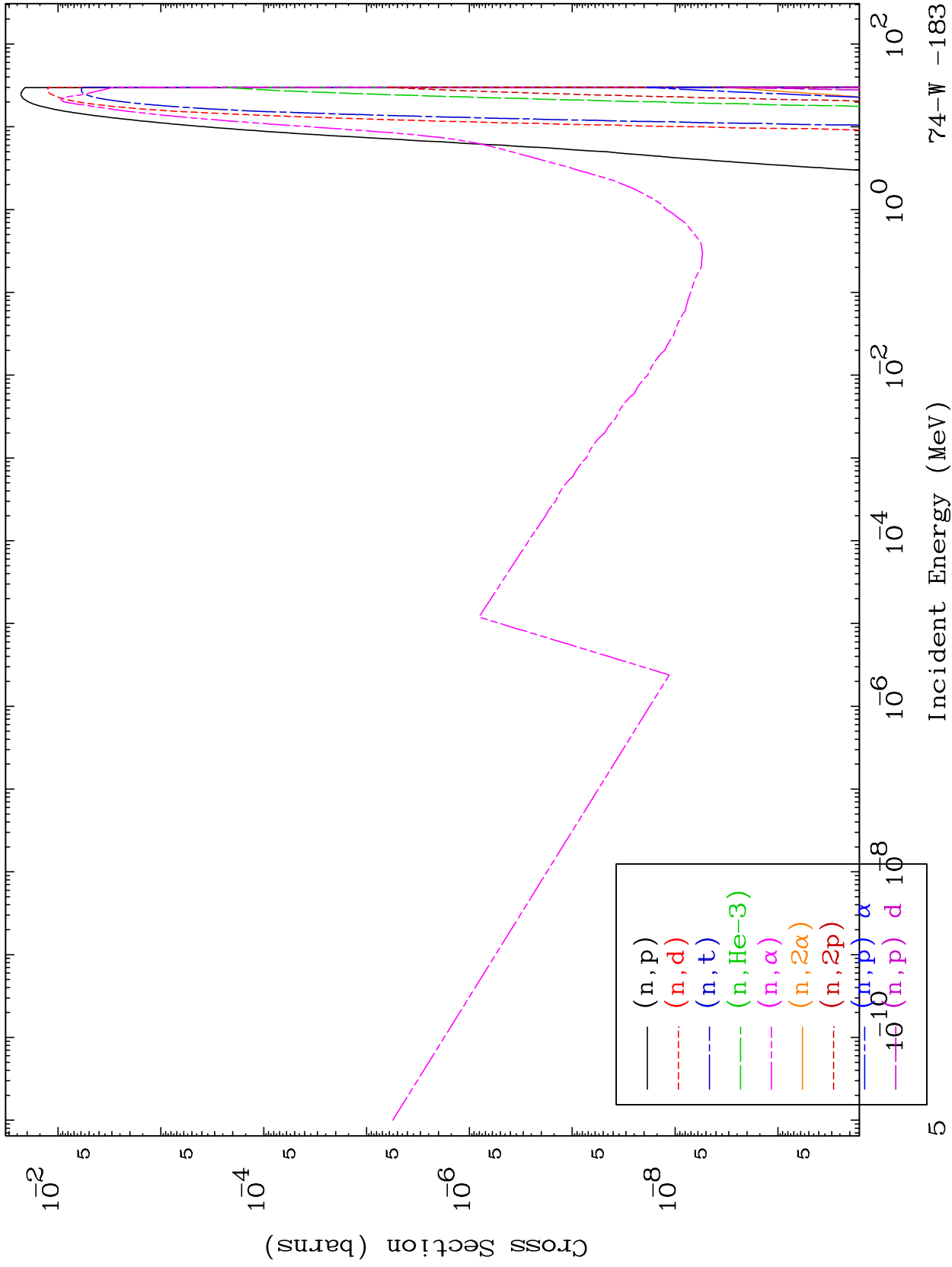


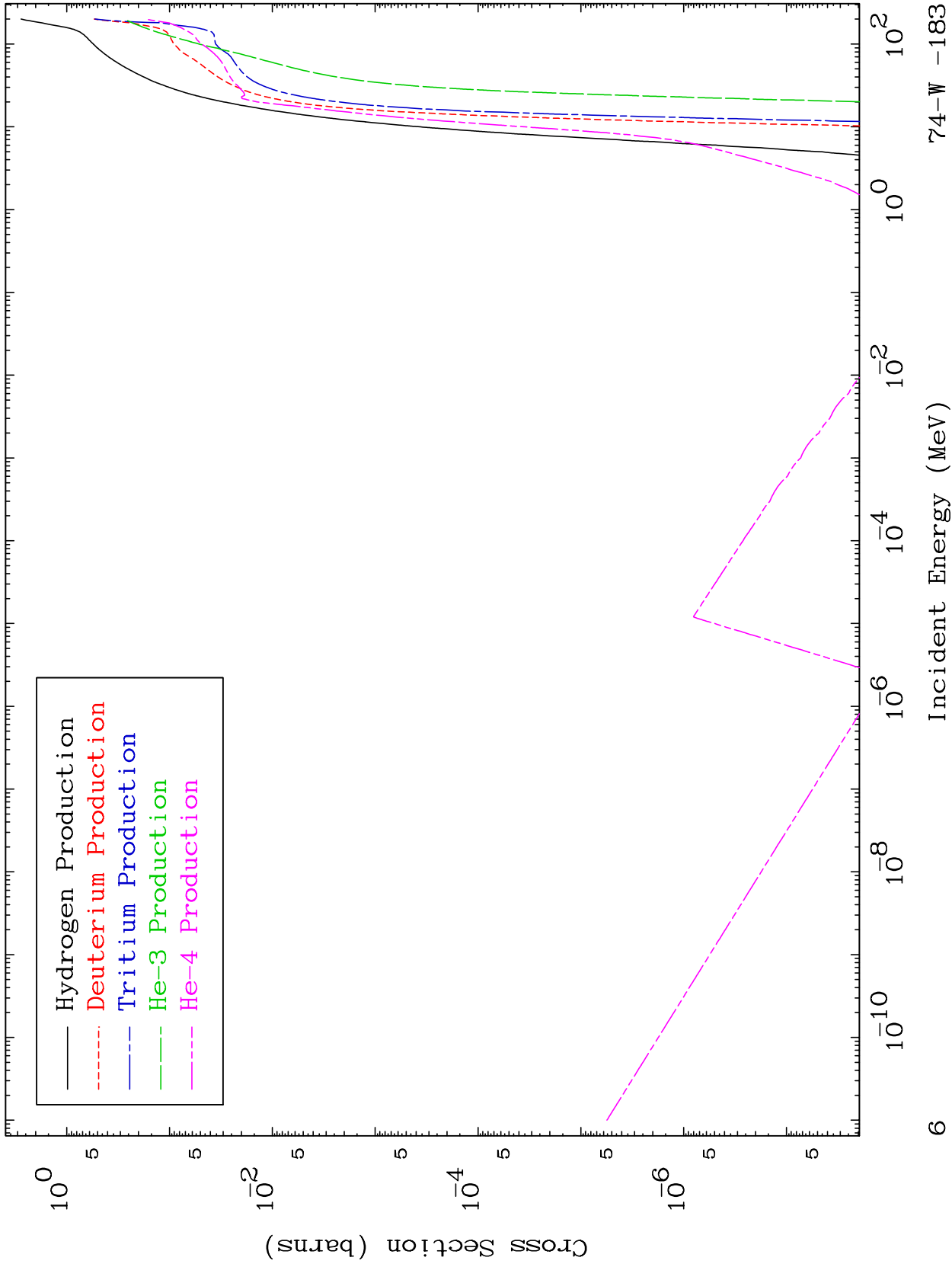


MAT 7435

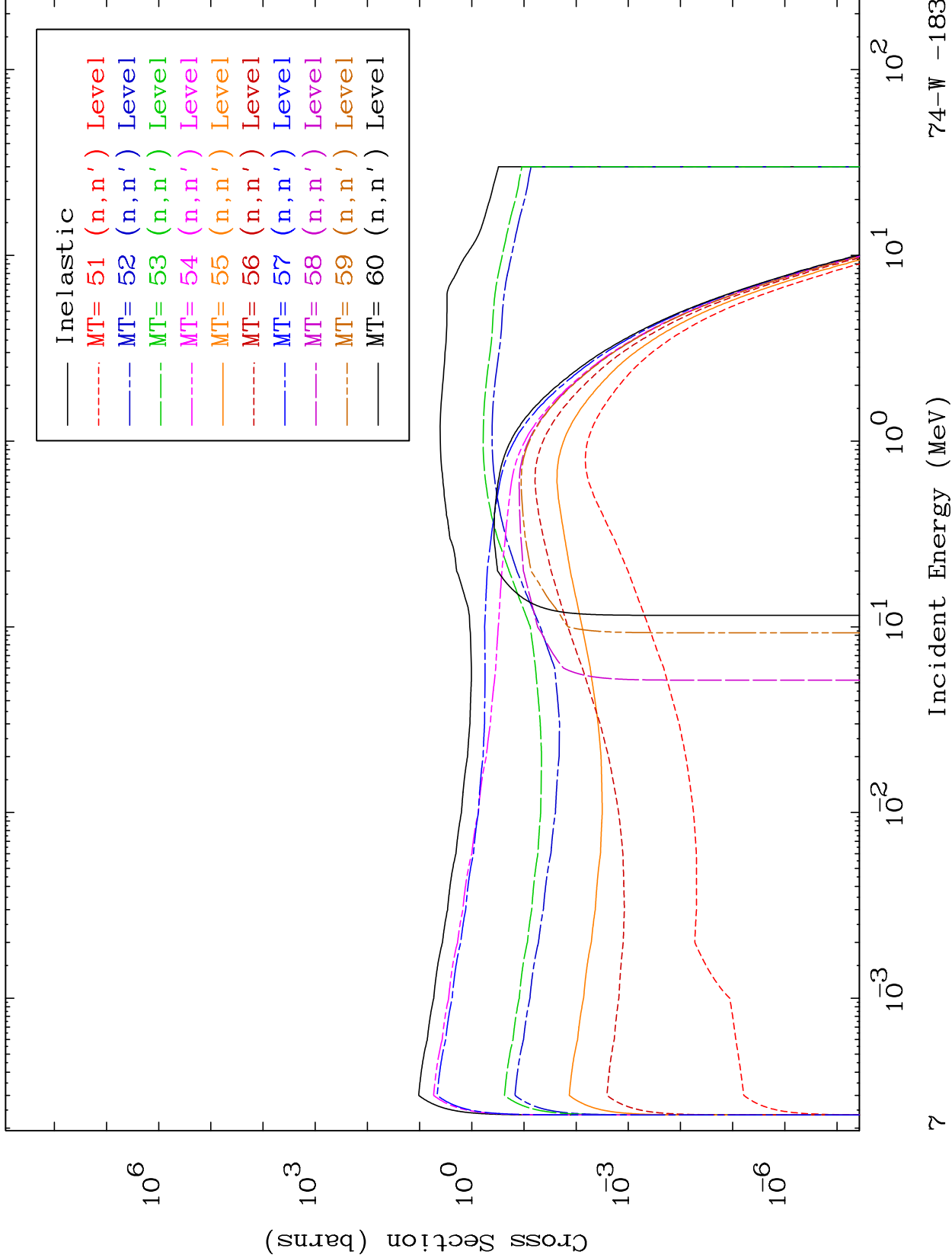
Charged Particle
293 Kelvin Cross Sections

74-W -183

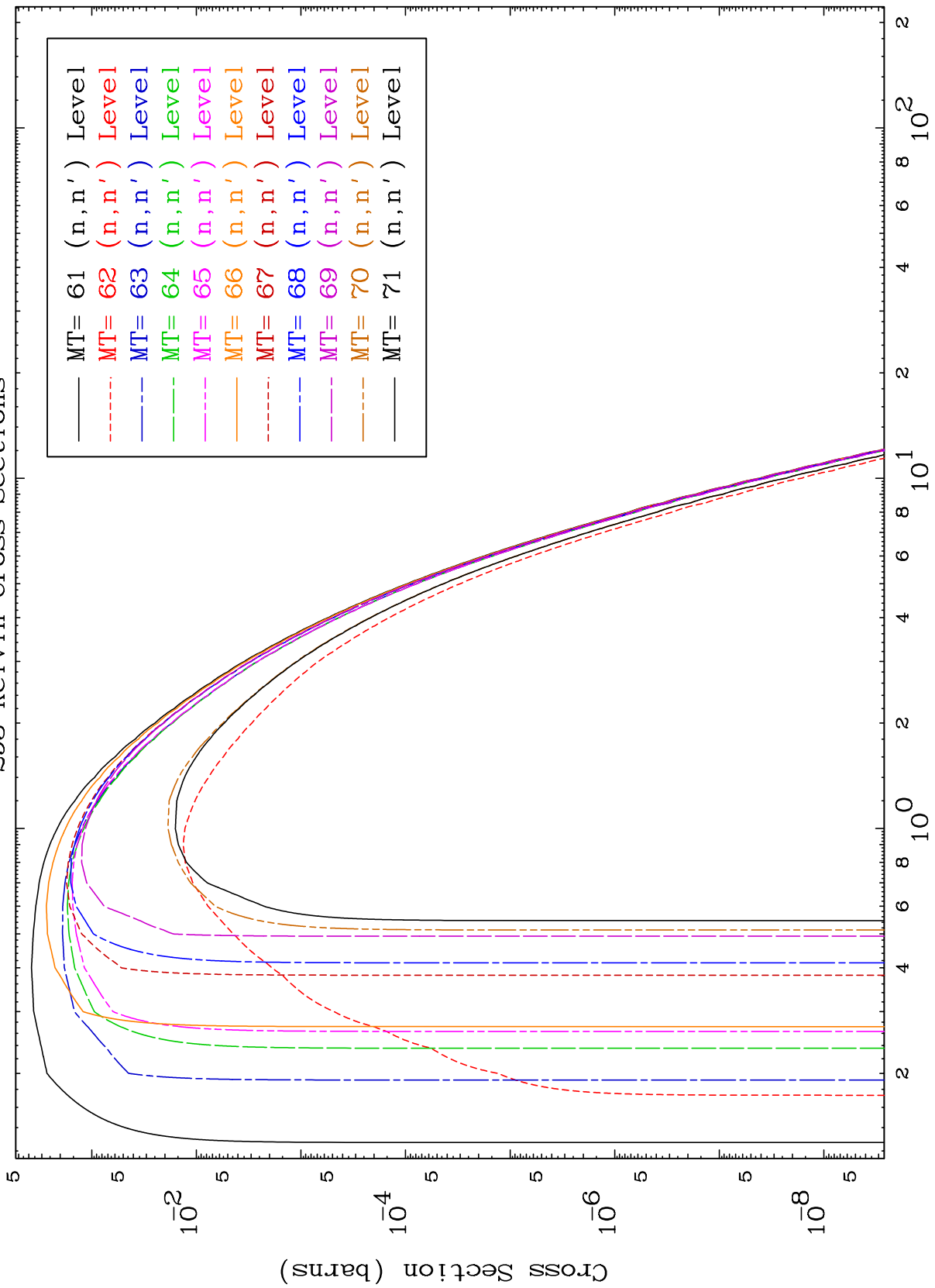




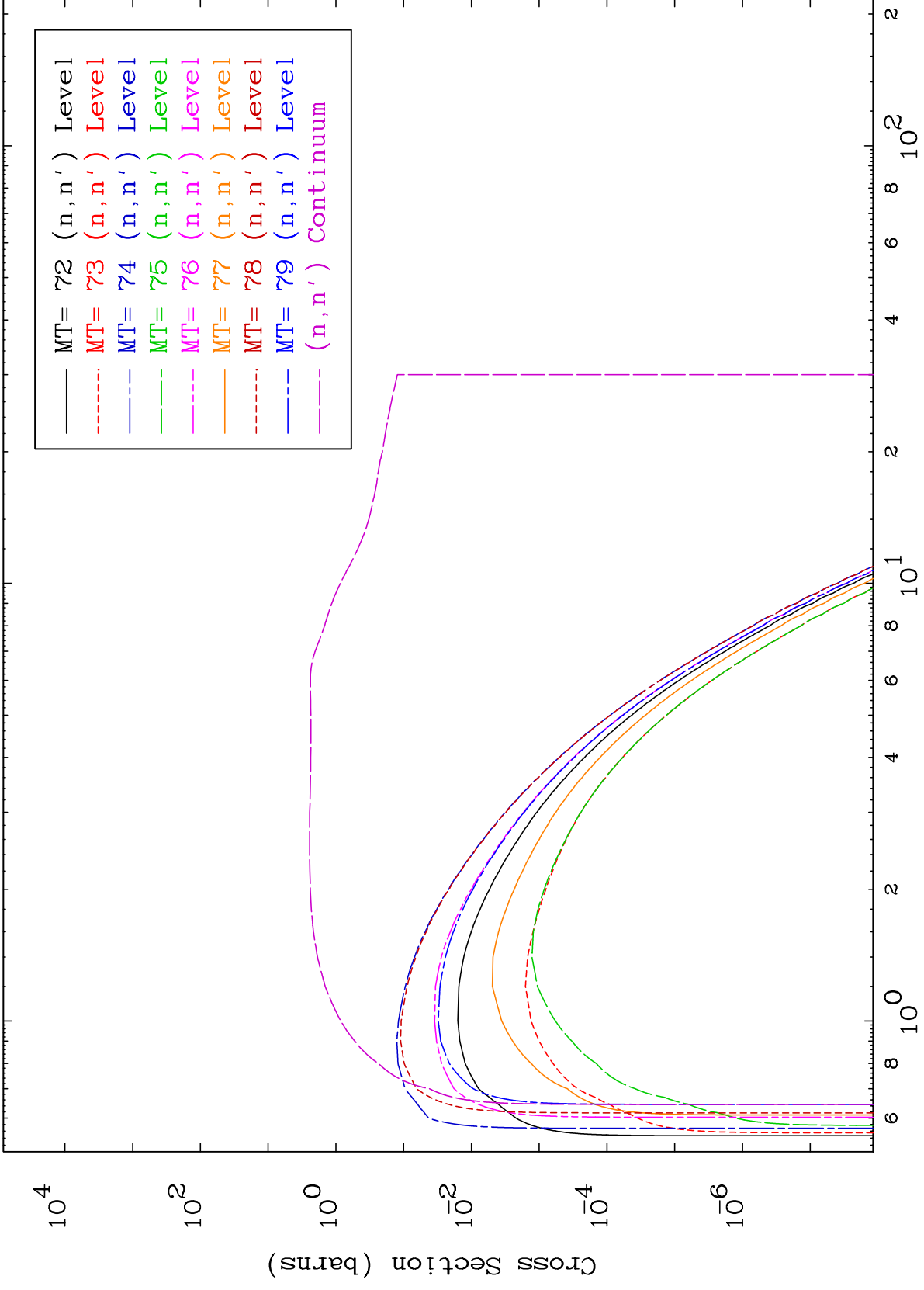
293 Kelvin Cross Sections



293 Kelvin Cross Sections



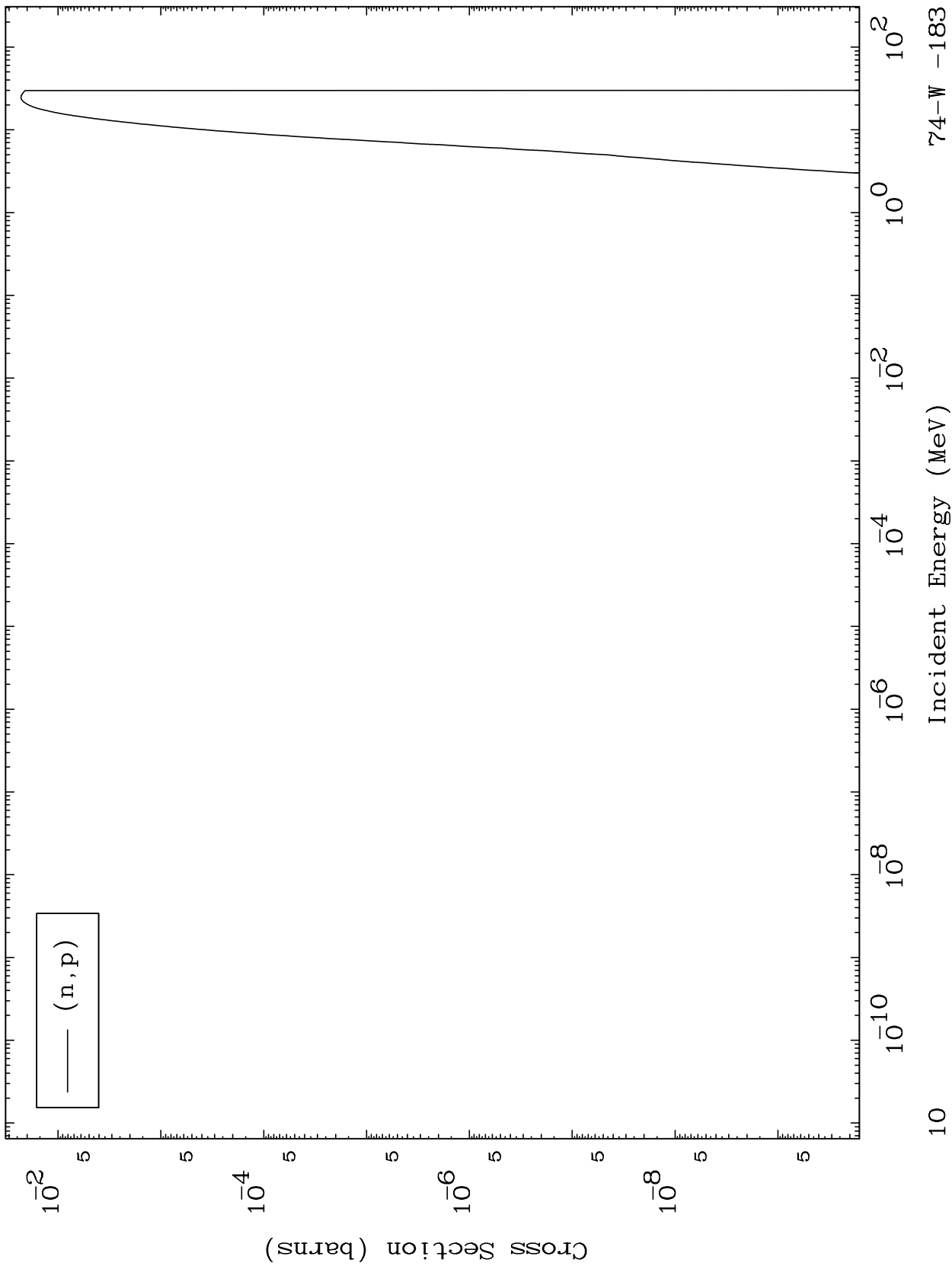
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

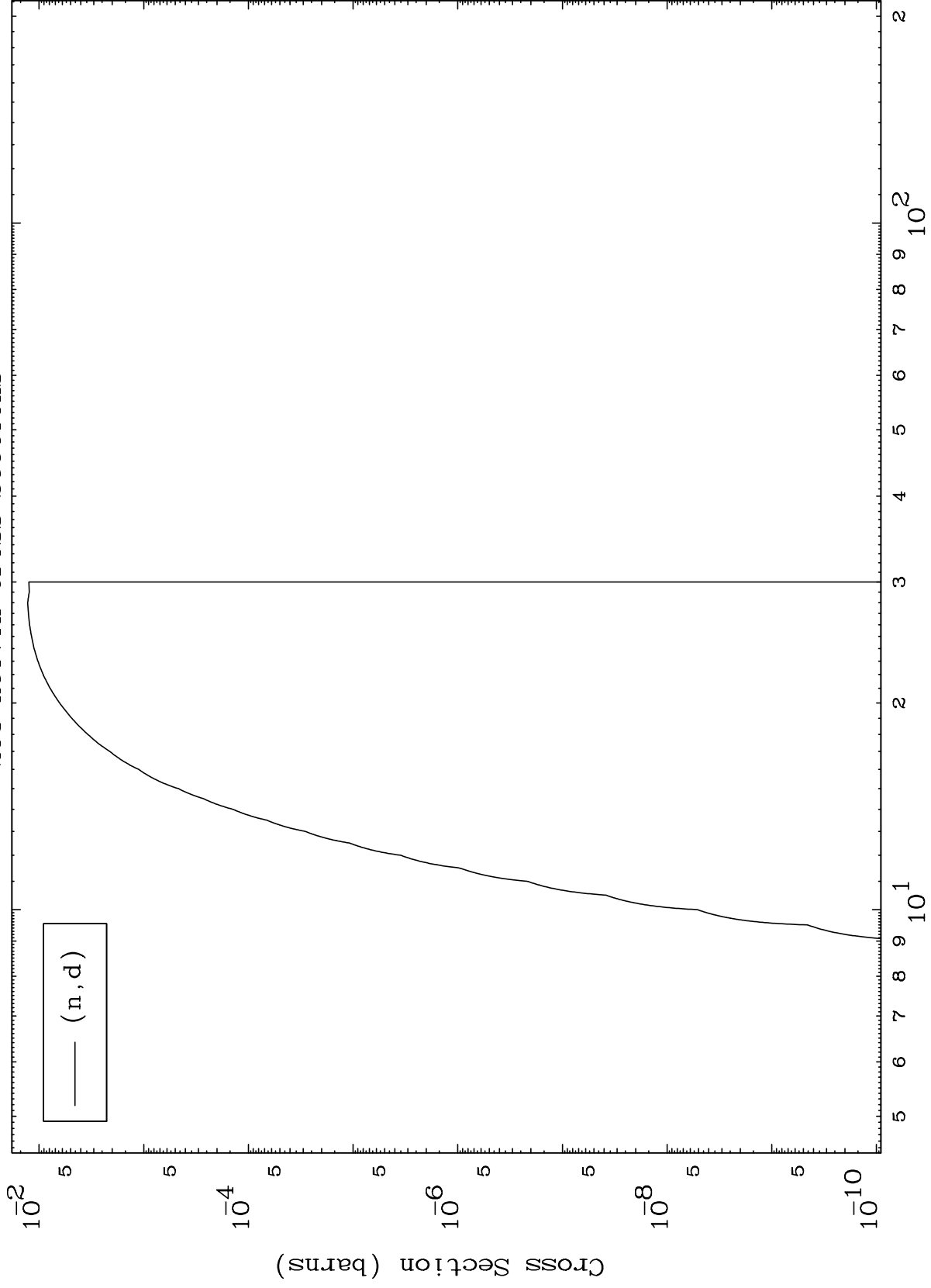
74-W -183



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(n,d) Levels
293 Kelvin Cross Sections

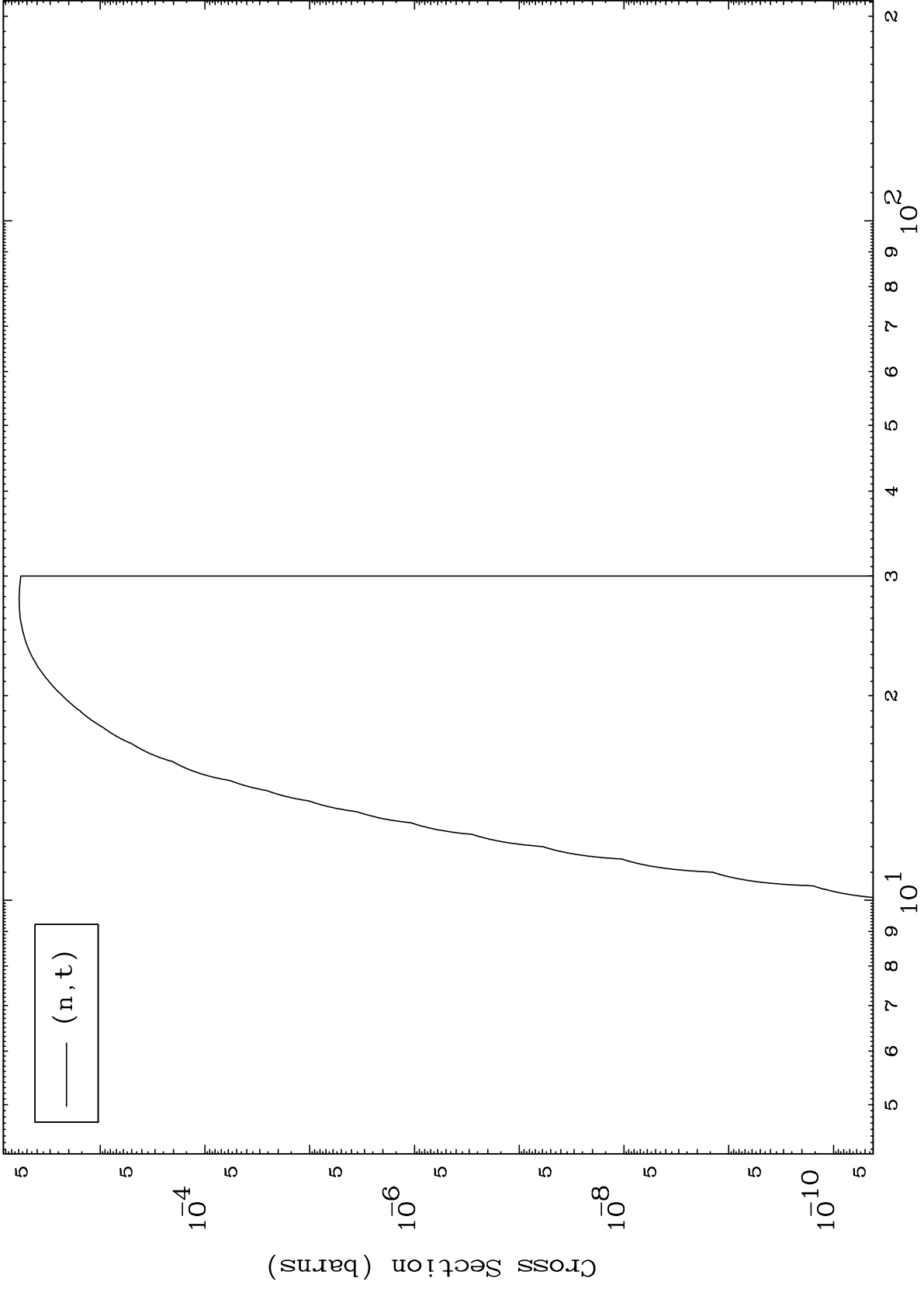
74-W -183



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(n,t) Levels
293 Kelvin Cross Sections

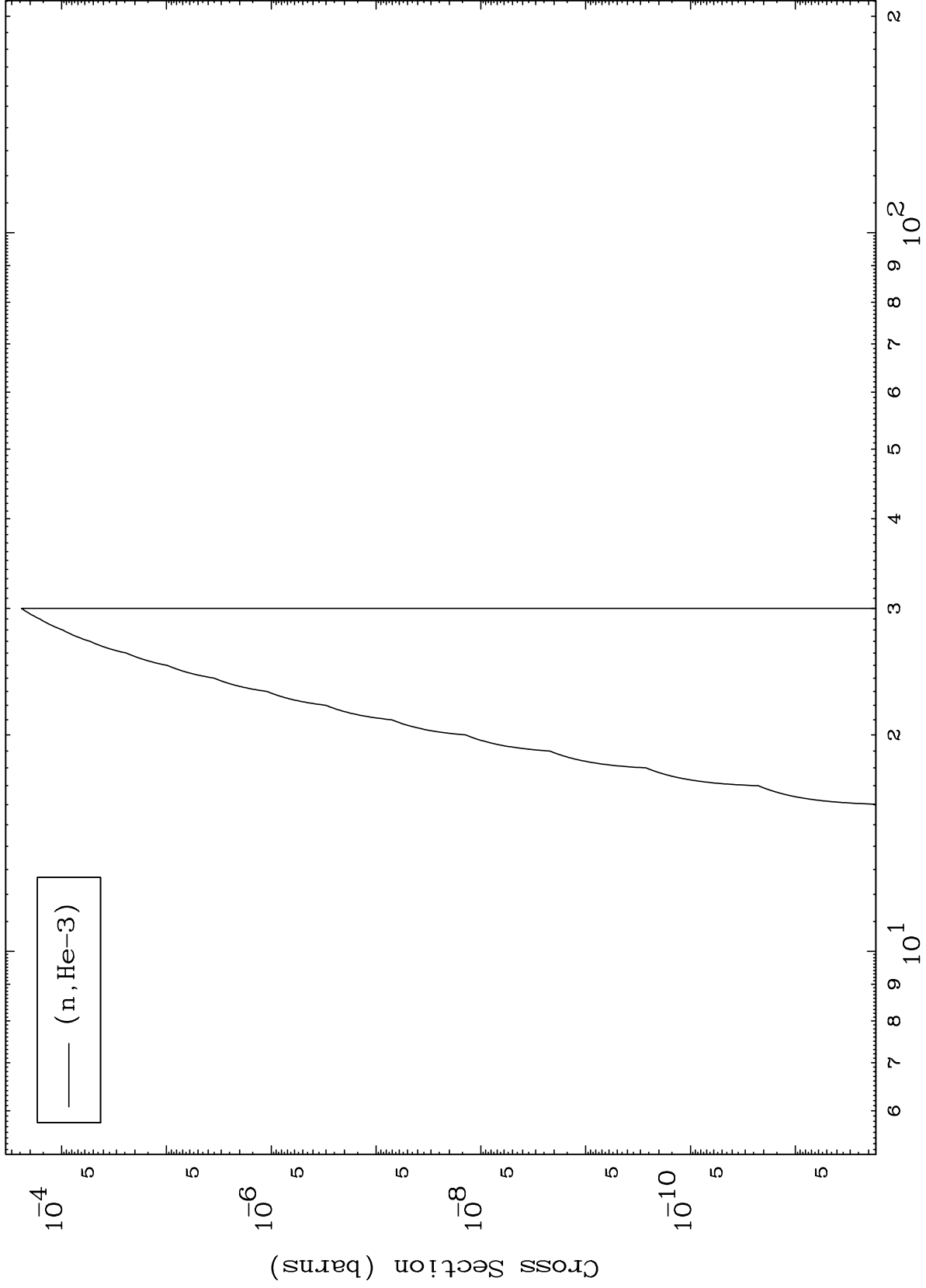
74-W -183



12

Incident Energy (MeV)

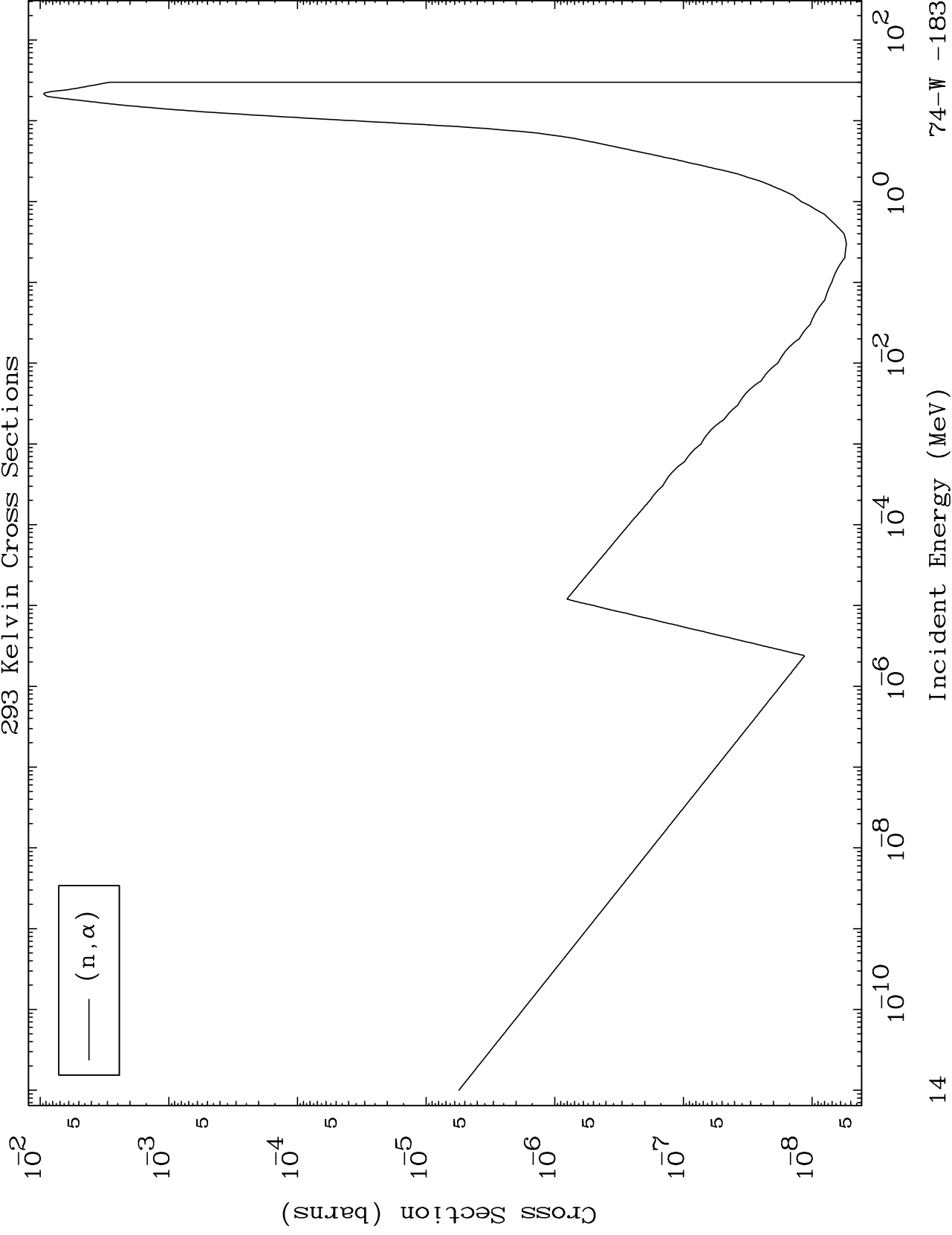
74-W -183



MAT 7435

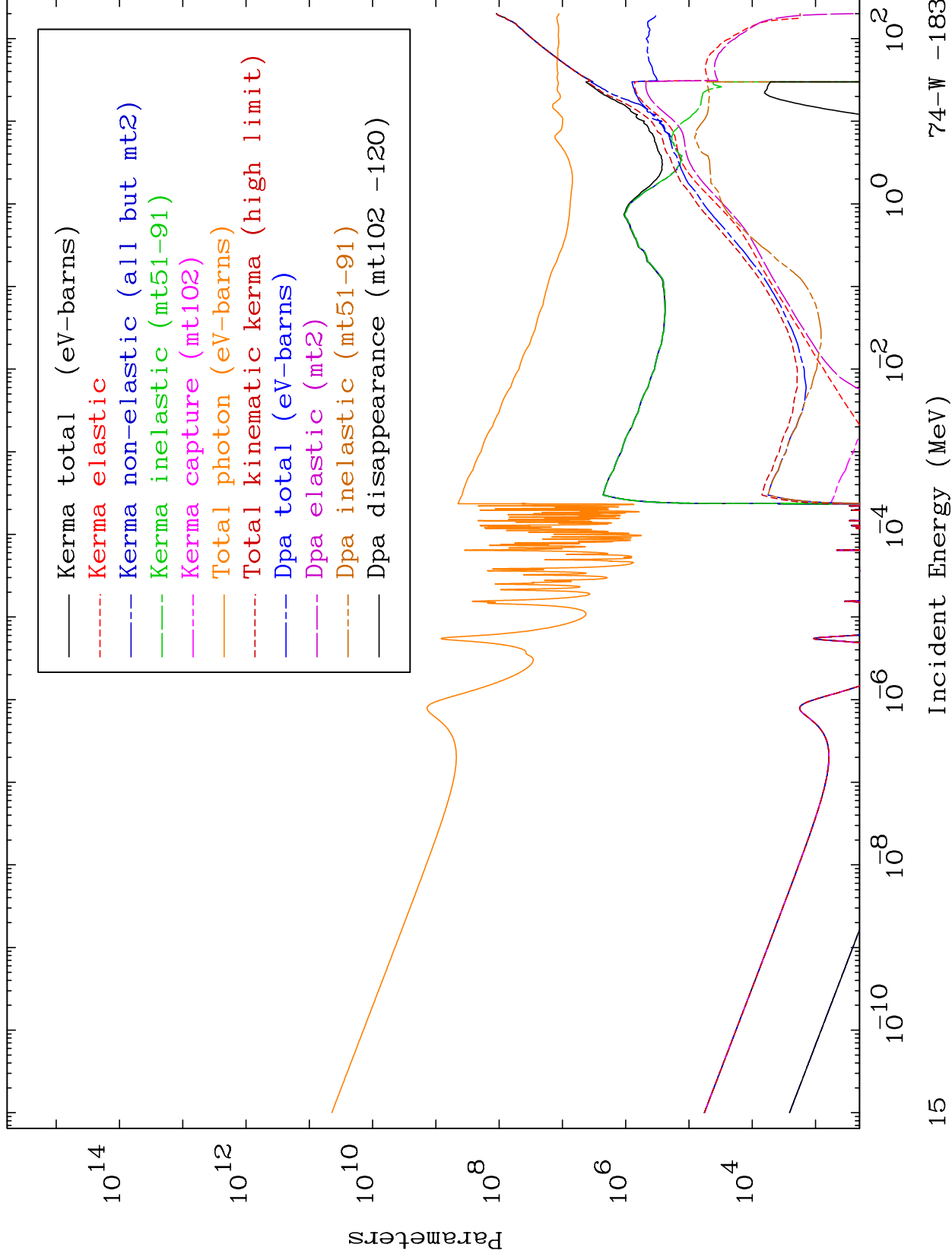
(n, α) Levels
293 Kelvin Cross Sections

74-W -183



14

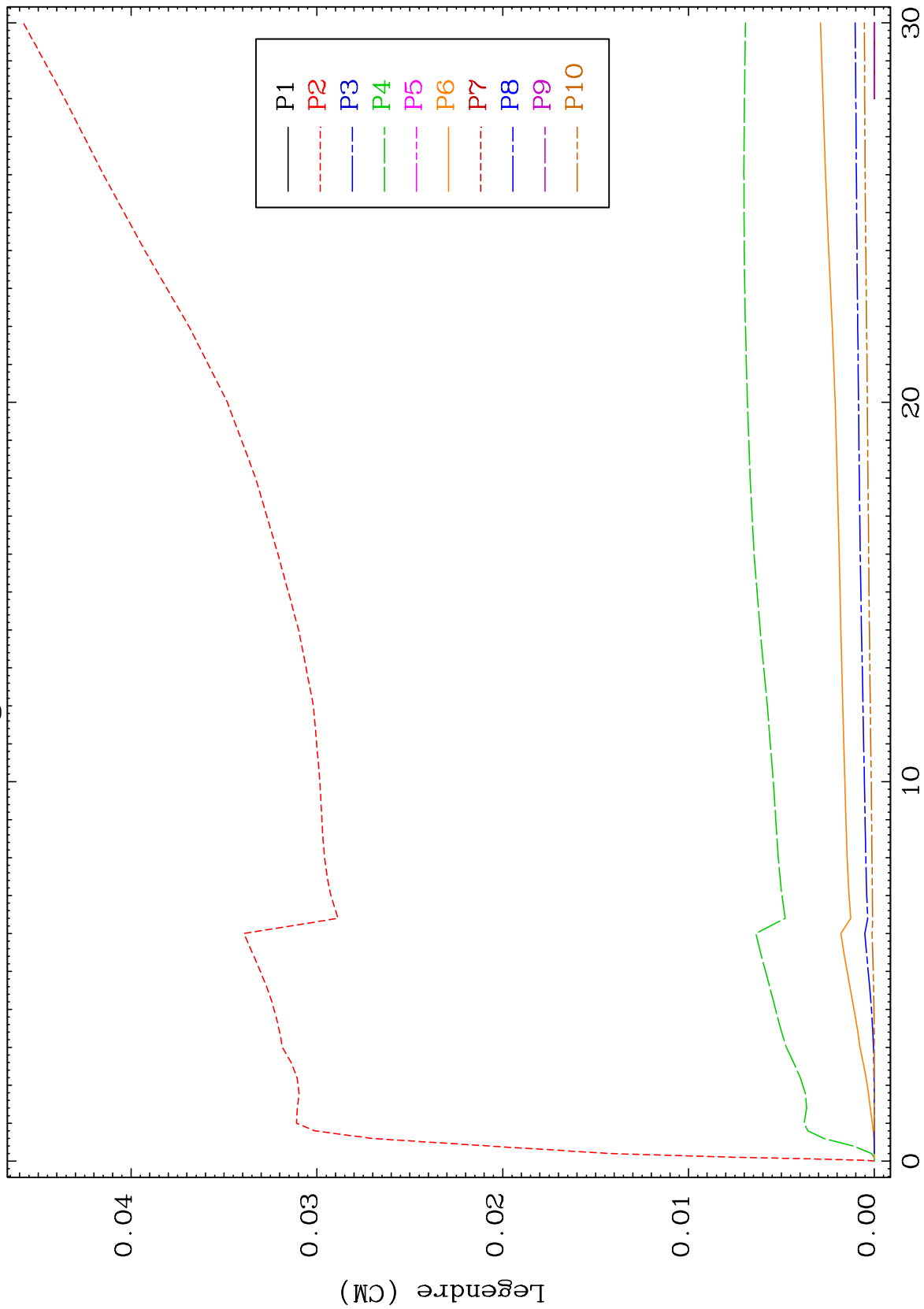
74-W -183



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Elastic
Legendre Coefficients

74-W -183



16

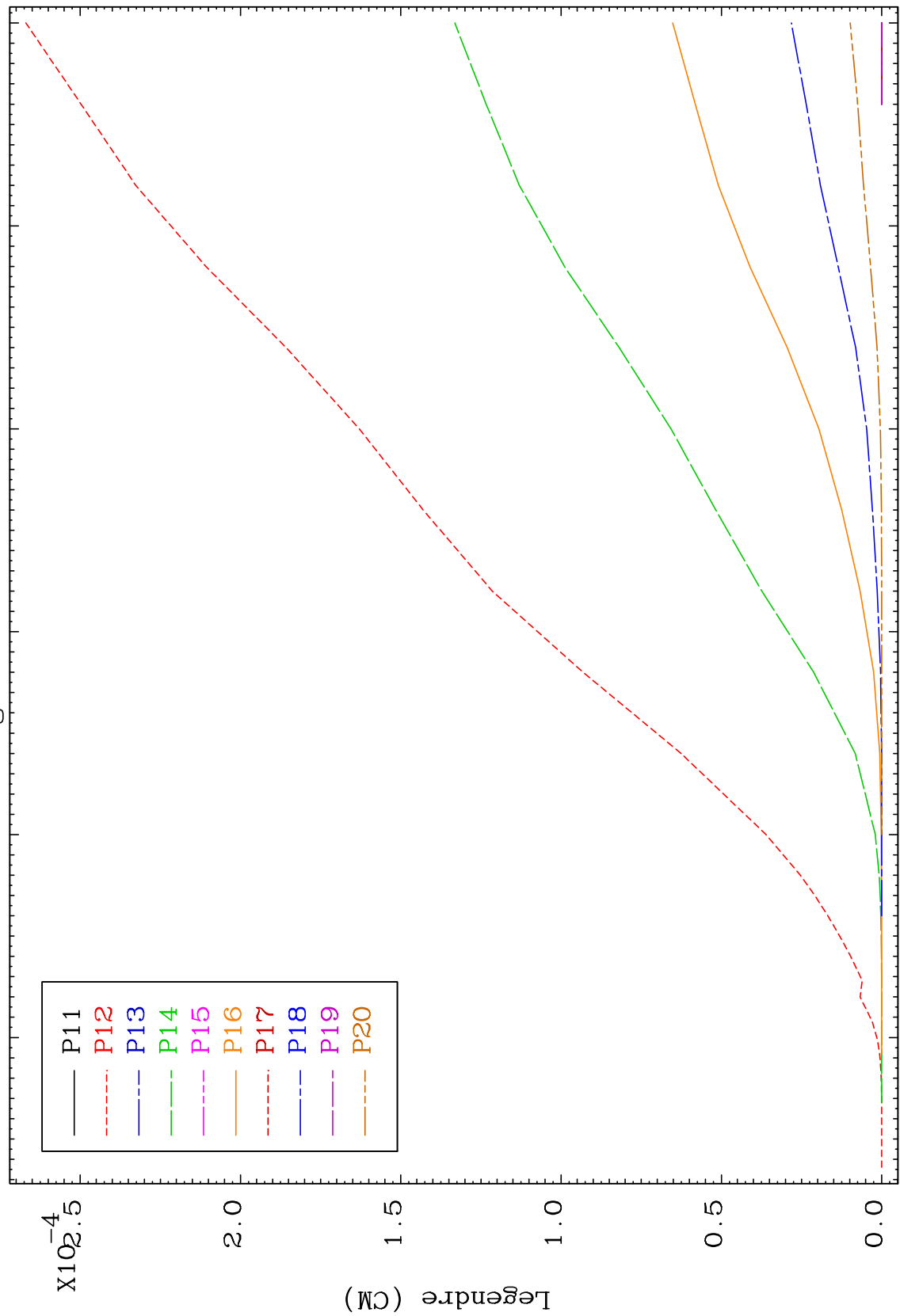
Incident Energy (MeV)

74-W -183

MAT 7435

Elastic Legendre Coefficients

74-W -183



17

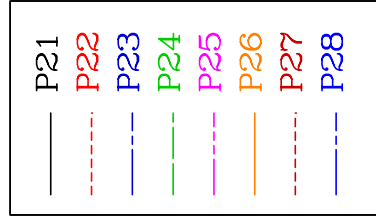
Incident Energy (MeV)

74-W -183

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Elastic
Legendre Coefficients

74-W -183



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

25

30

18

Incident Energy (MeV)

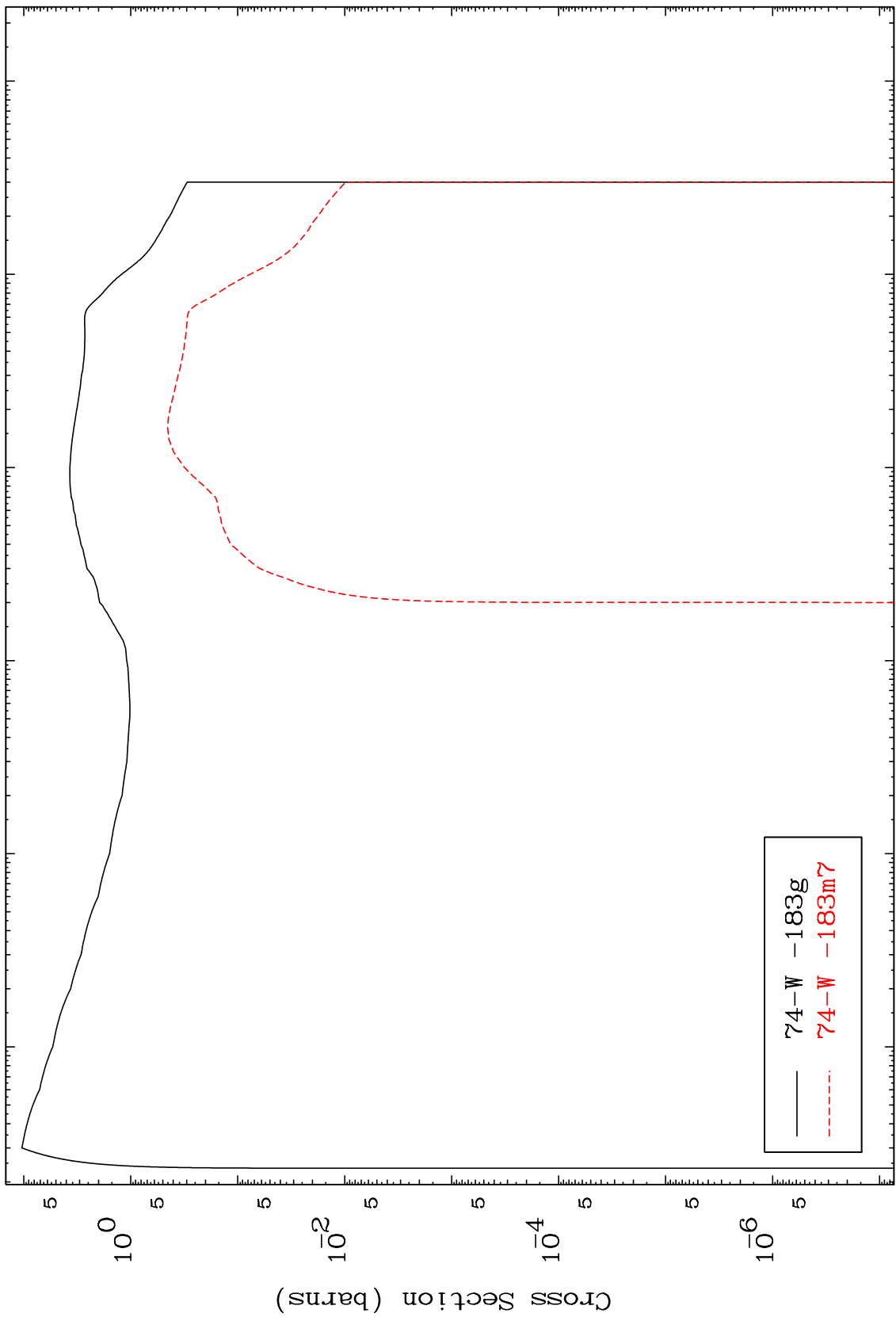
74-W -183



MAT 7435

74-W -183

Inelastic
Radionuclide Production Cross Section



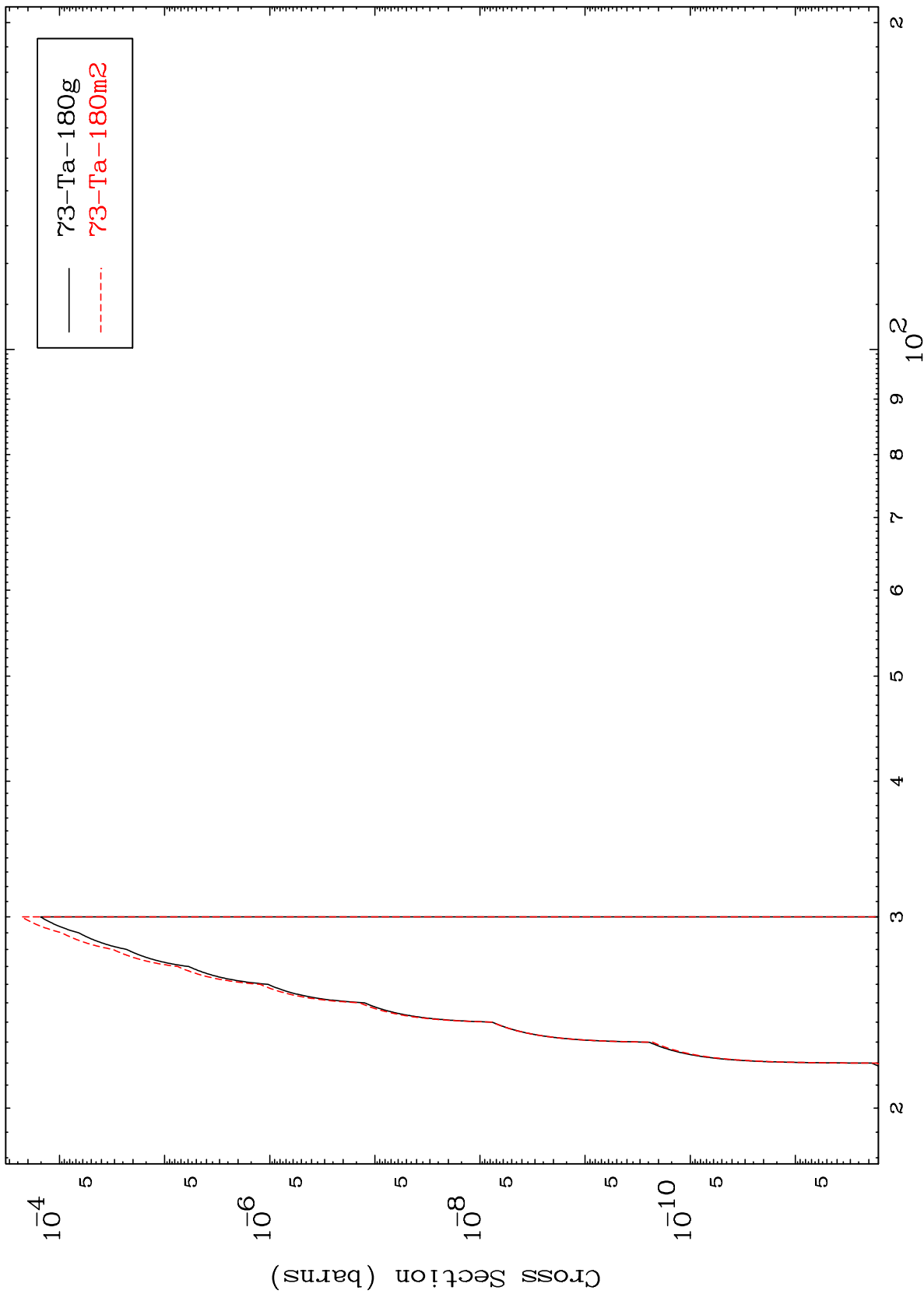
74-W -183

Incident Energy (MeV)

10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10²

19

Radionuclide Production Cross Section

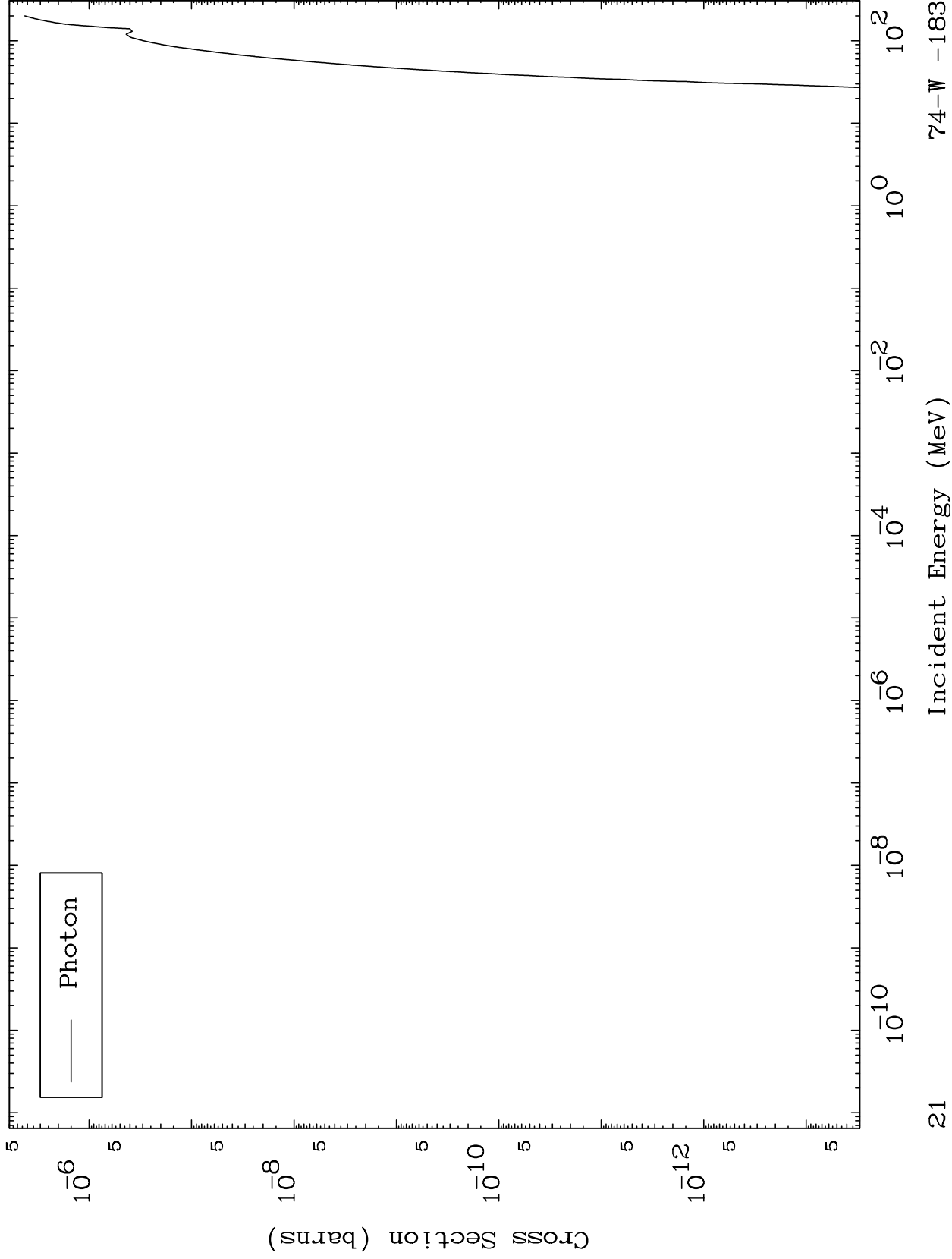


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Fission

74-W -183

Radionuclide Production Cross Section

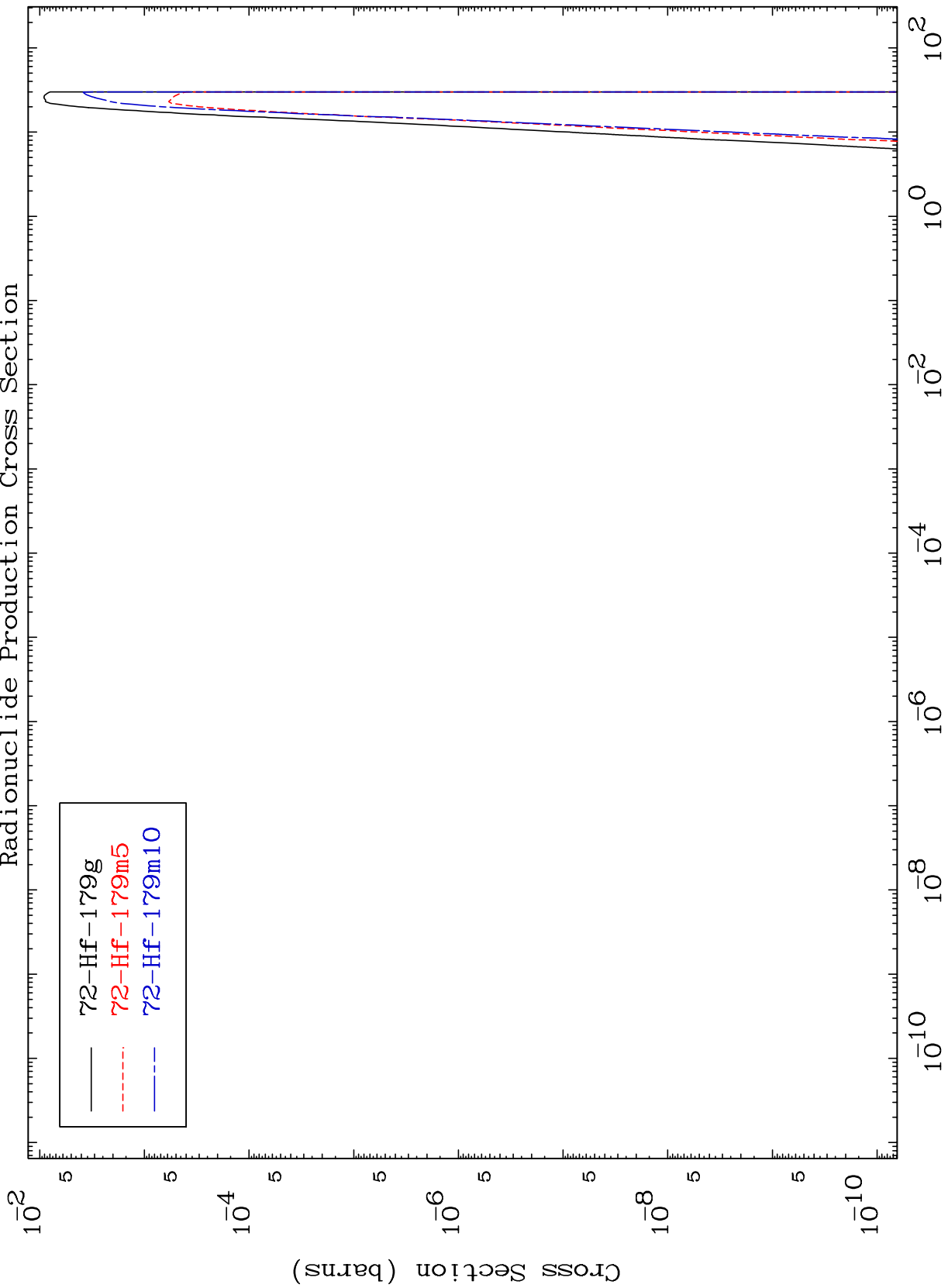


MAT 7435

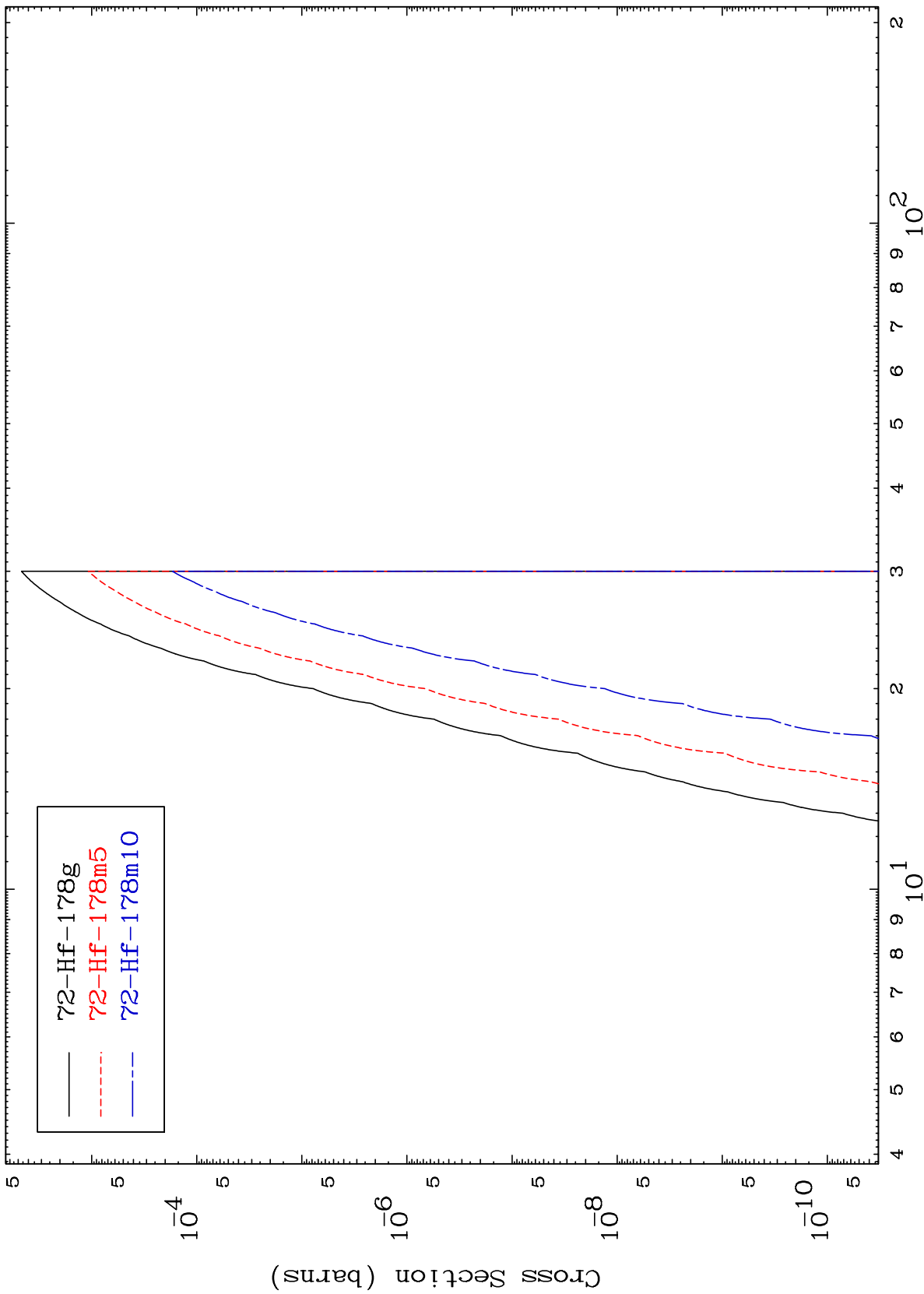
(n,n') α

74-W -183

Radionuclide Production Cross Section

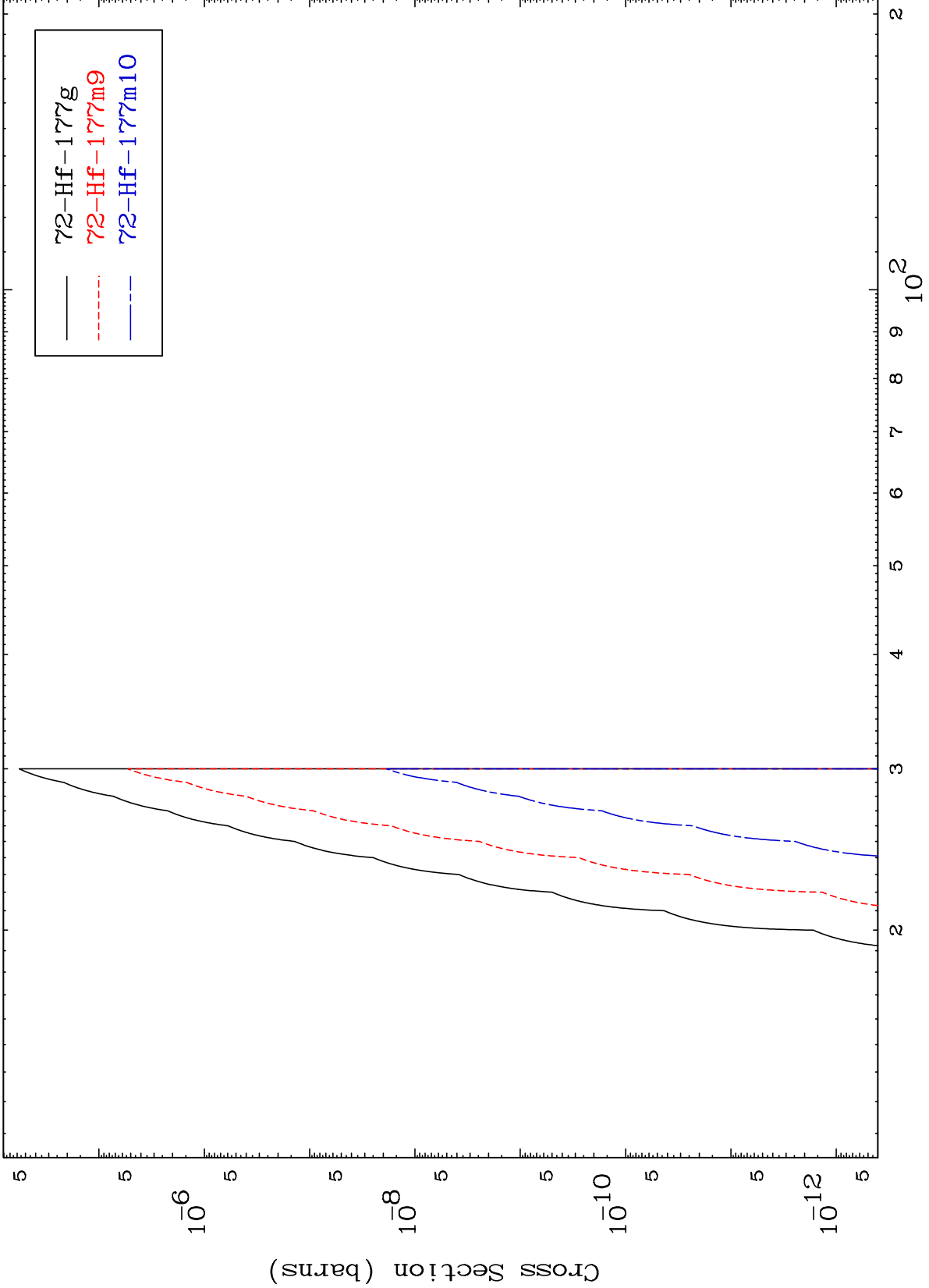


Radionuclide Production Cross Section

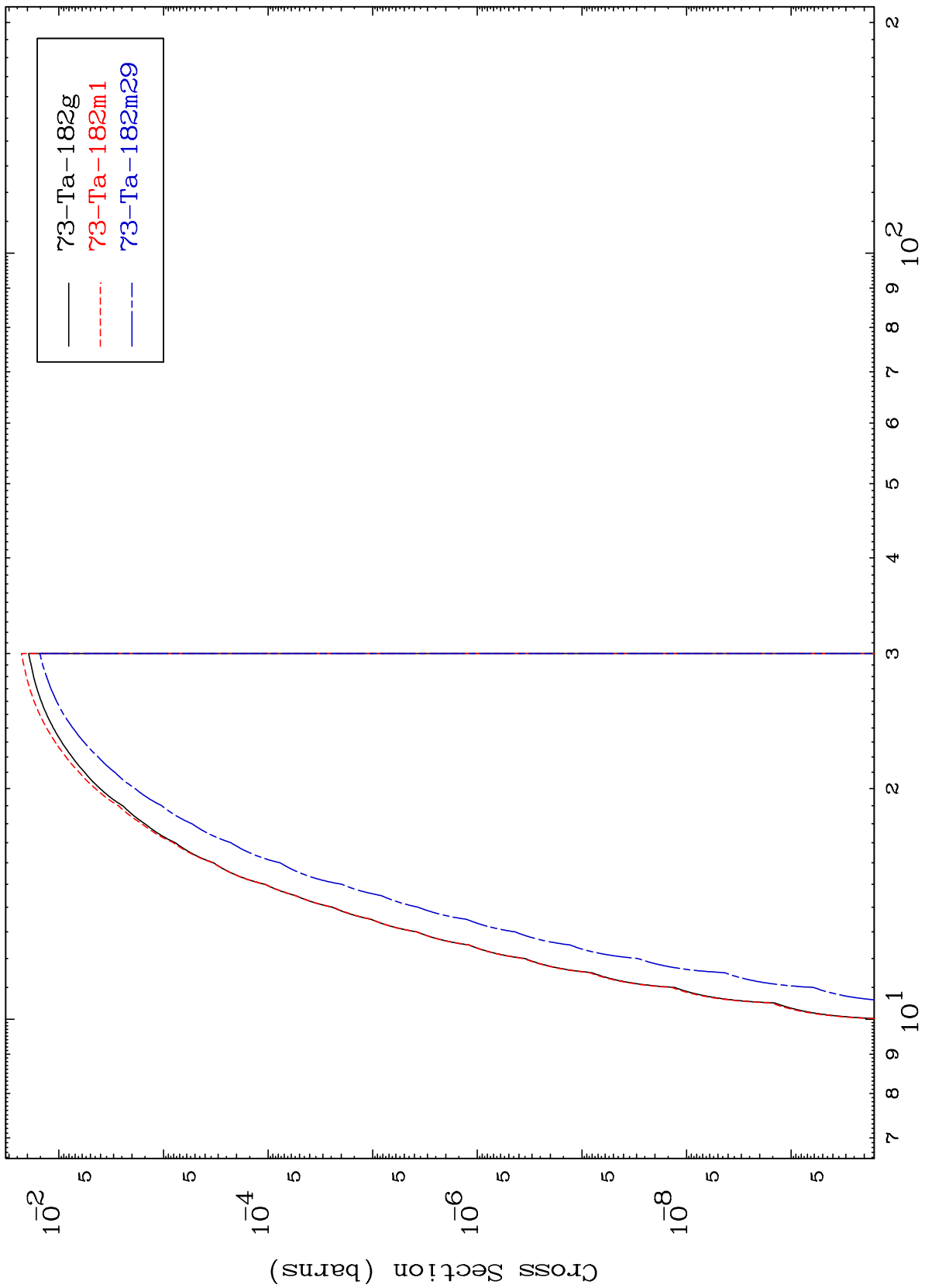


72-Hf-178g
72-Hf-178m5
72-Hf-178m10

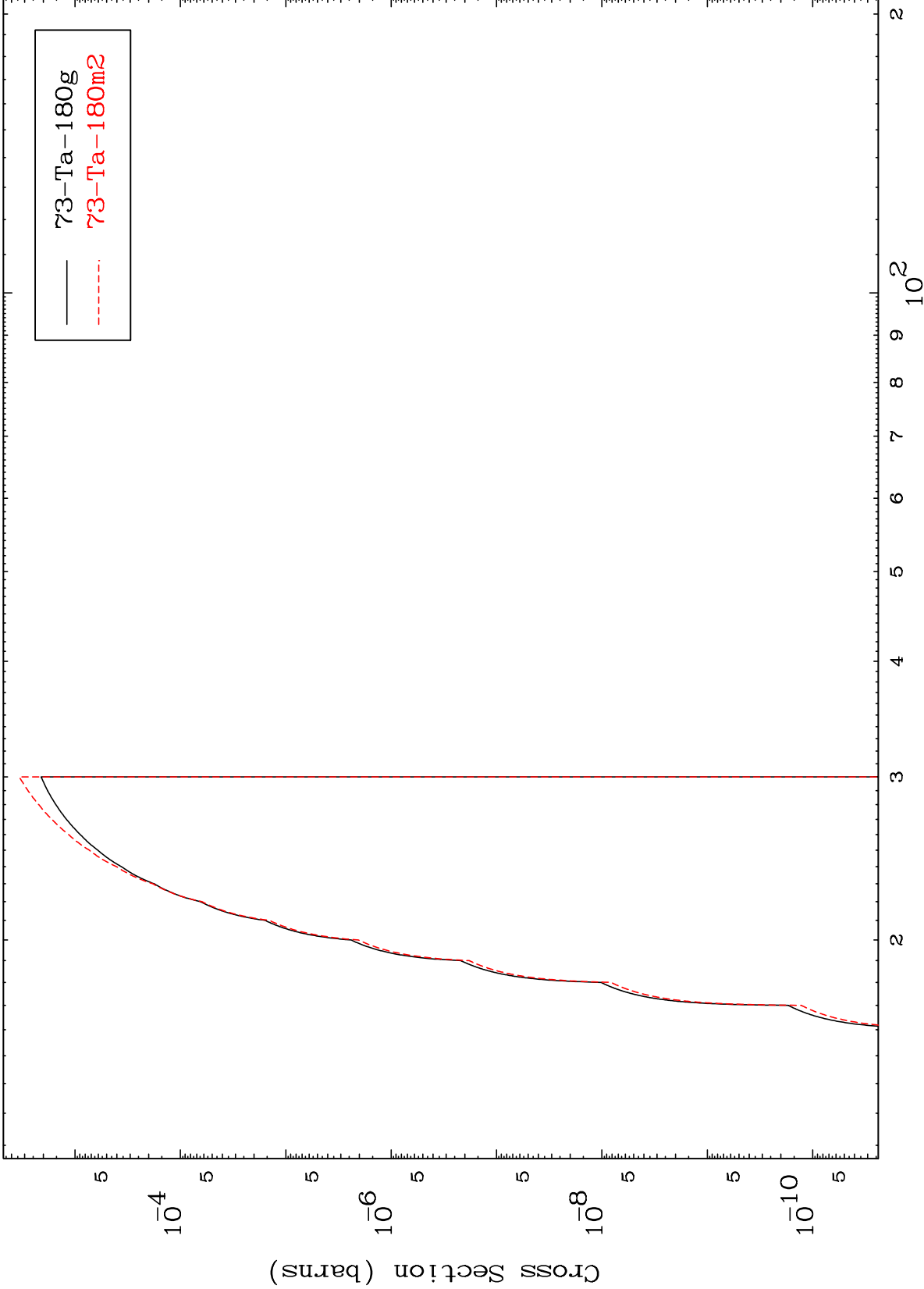
Radionuclide Production Cross Section



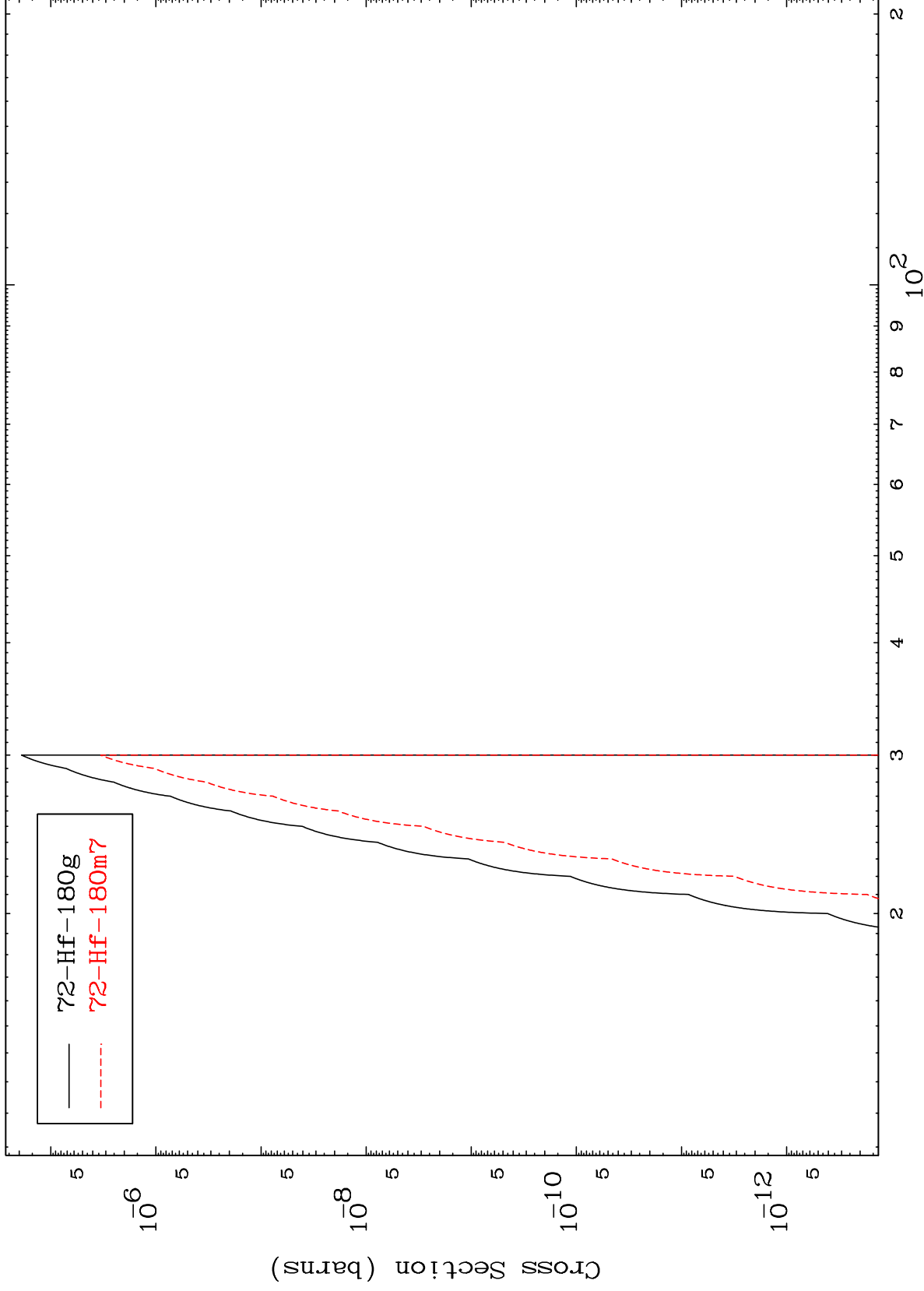
(n,n') p
Radionuclide Production Cross Section



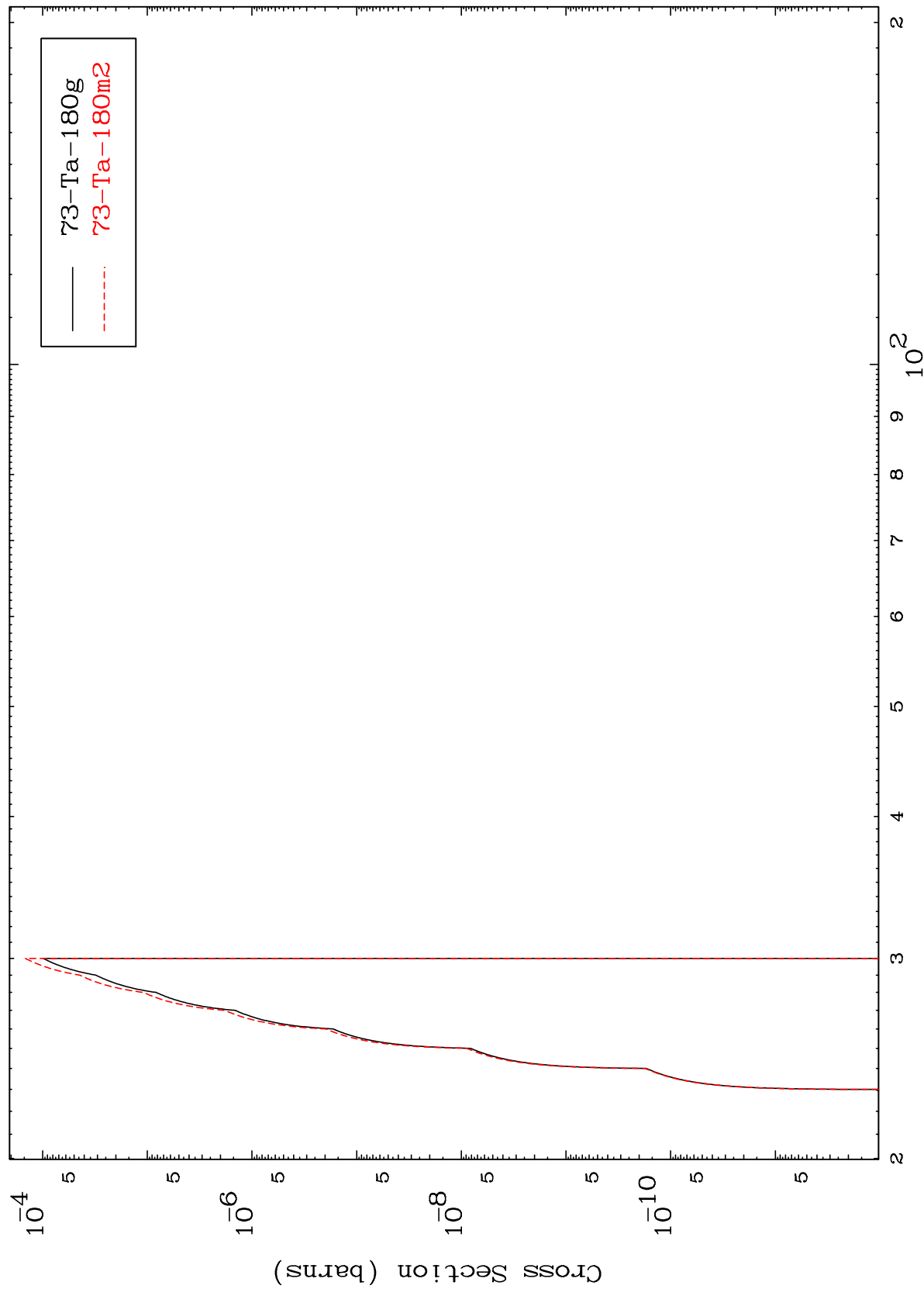
Radionuclide Production Cross Section



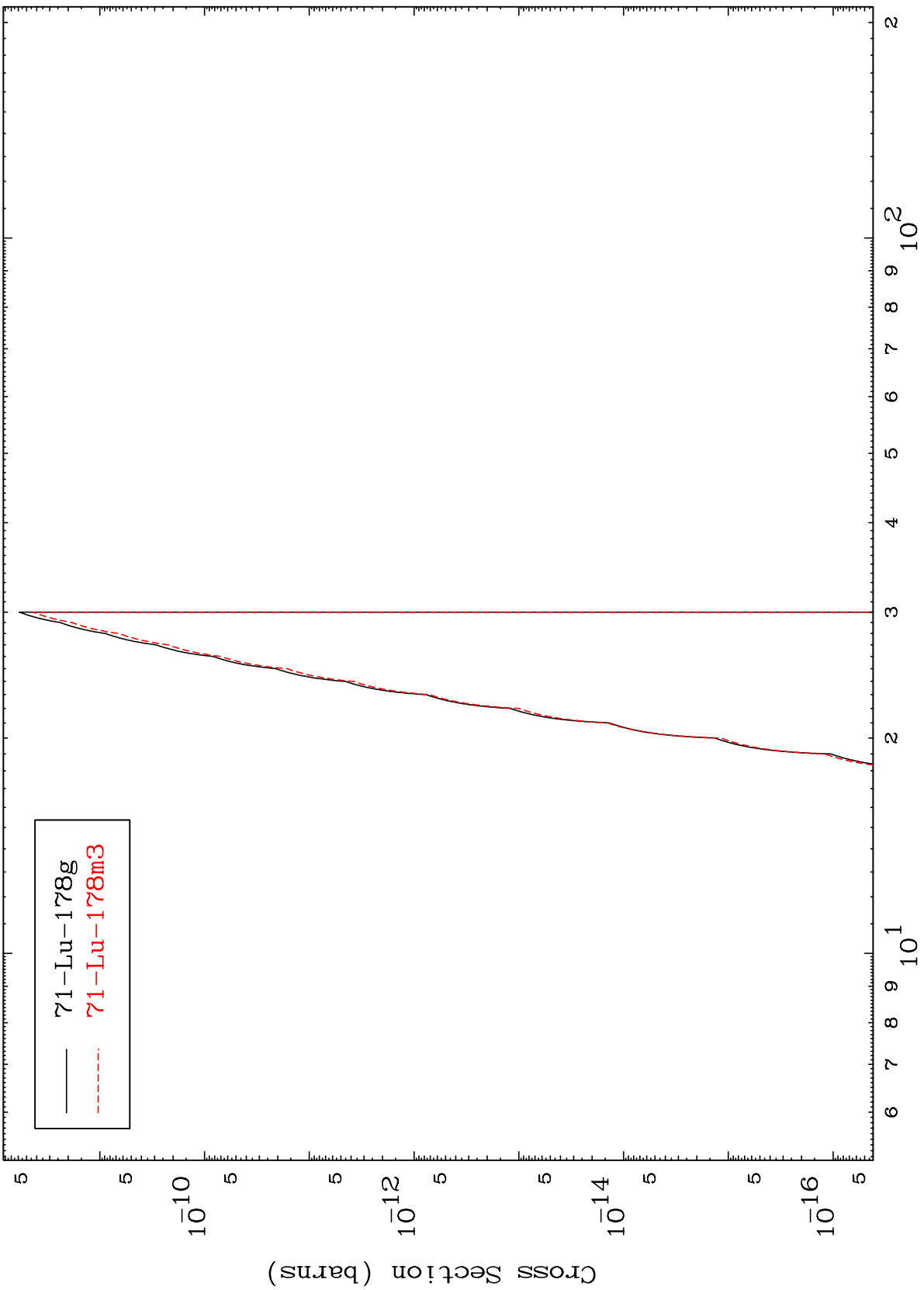
Radionuclide Production Cross Section



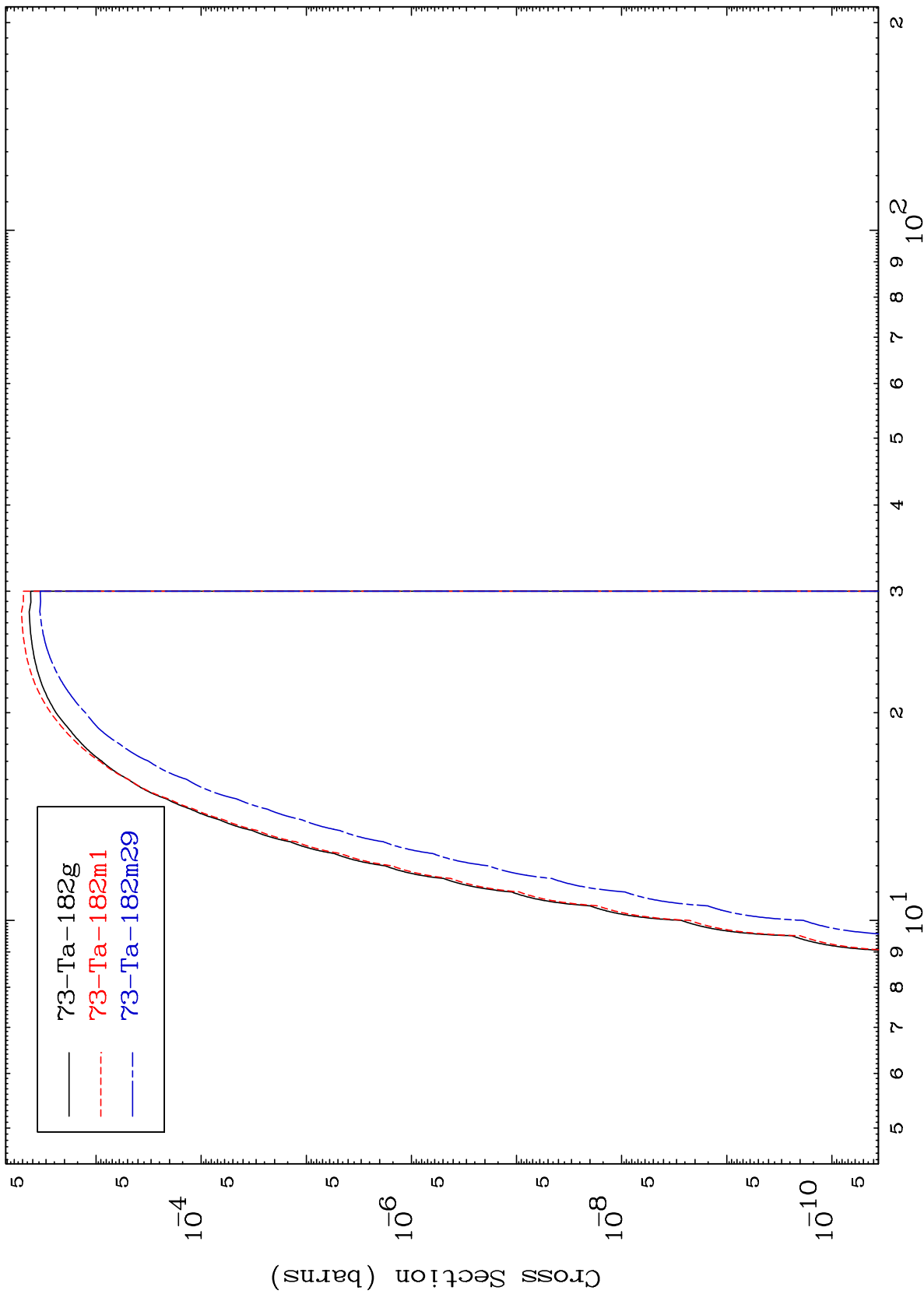
Radionuclide Production Cross Section



Radionuclide Production Cross Section



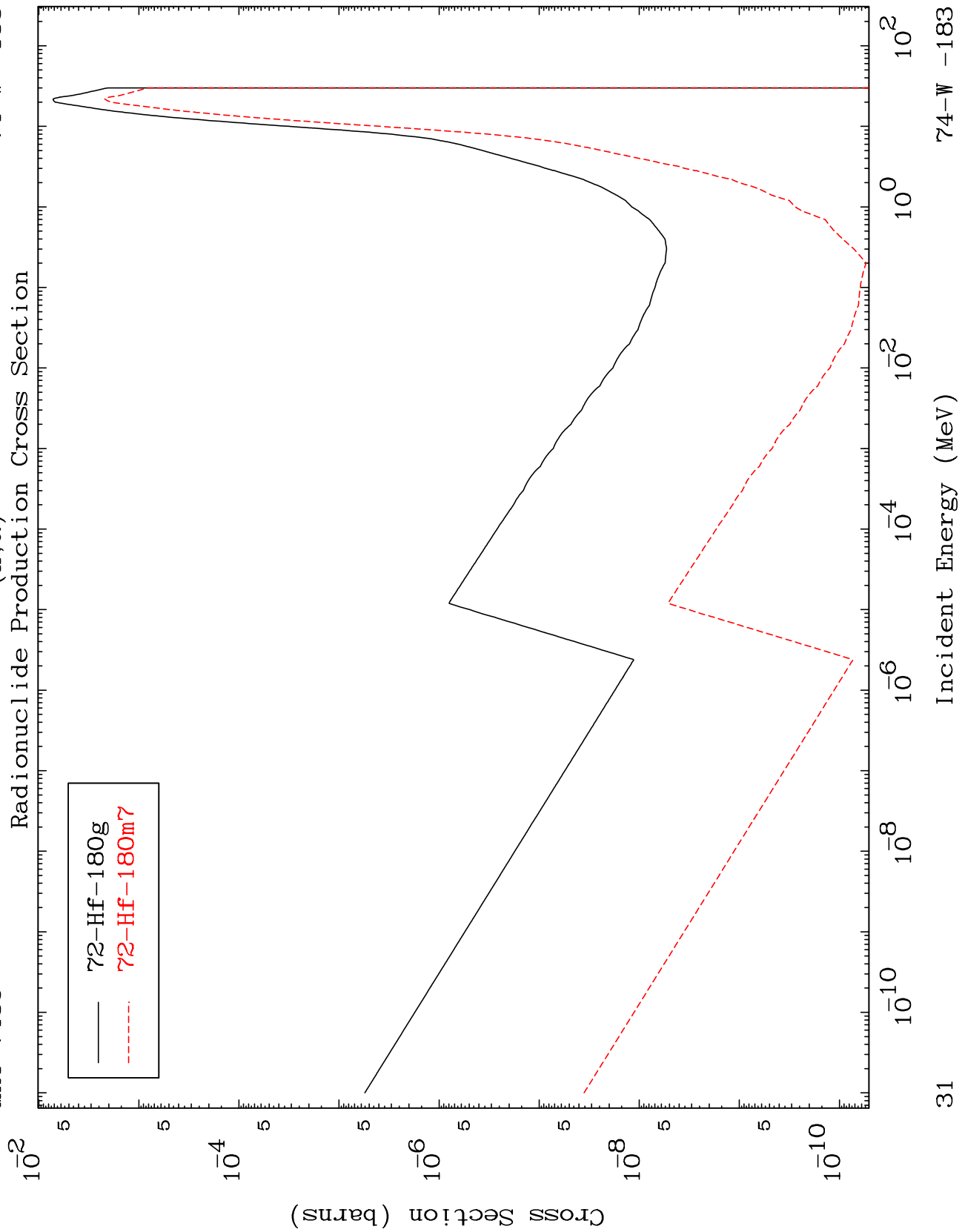
(n,d)
Radionuclide Production Cross Section



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74-W - 183

Radionuclide Production Cross Section
(n, α)

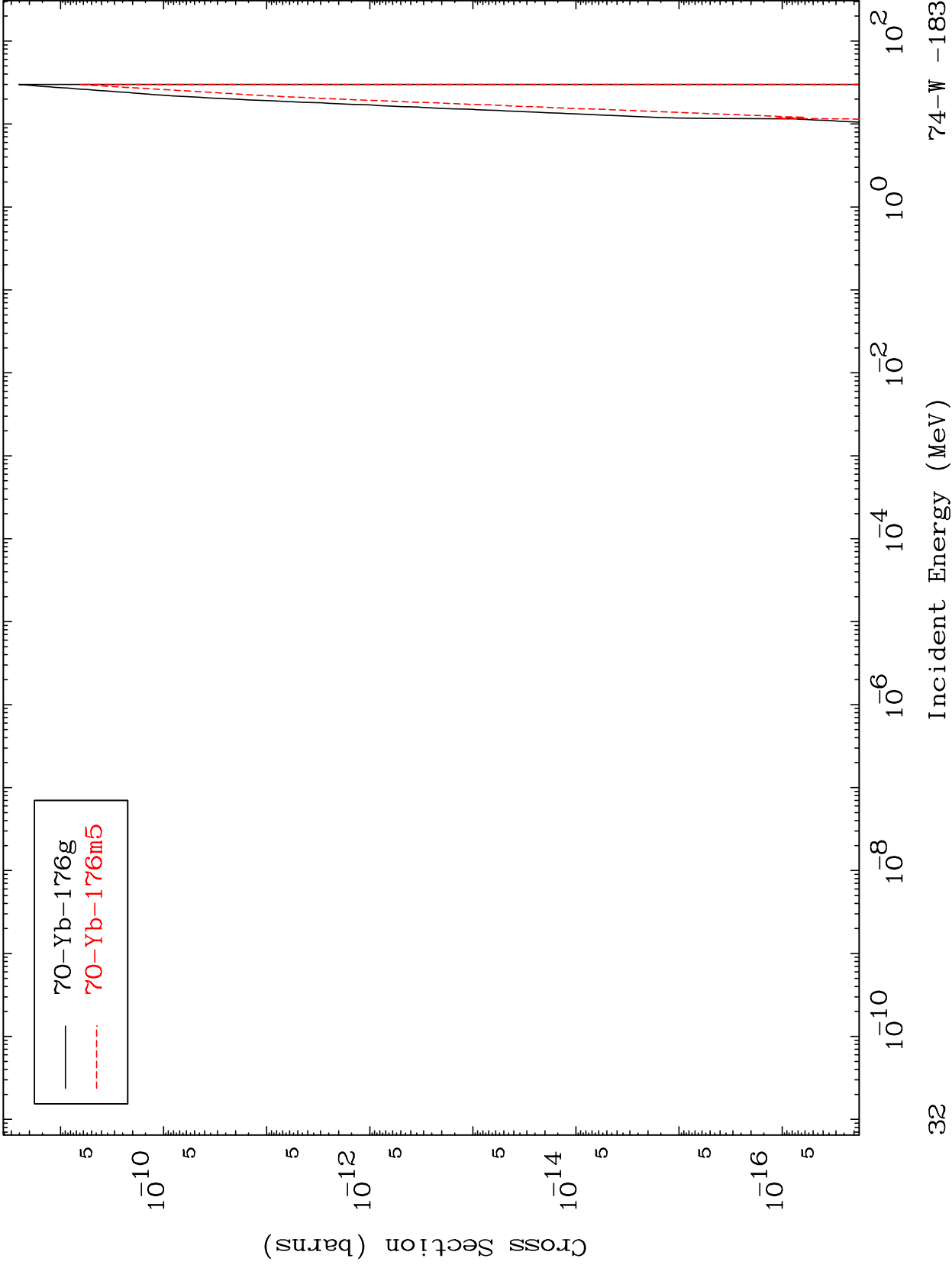


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(n,2α)

74-W -183

Radionuclide Production Cross Section



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74-W -183

(n,2p)
Radionuclide Production Cross Section

