

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

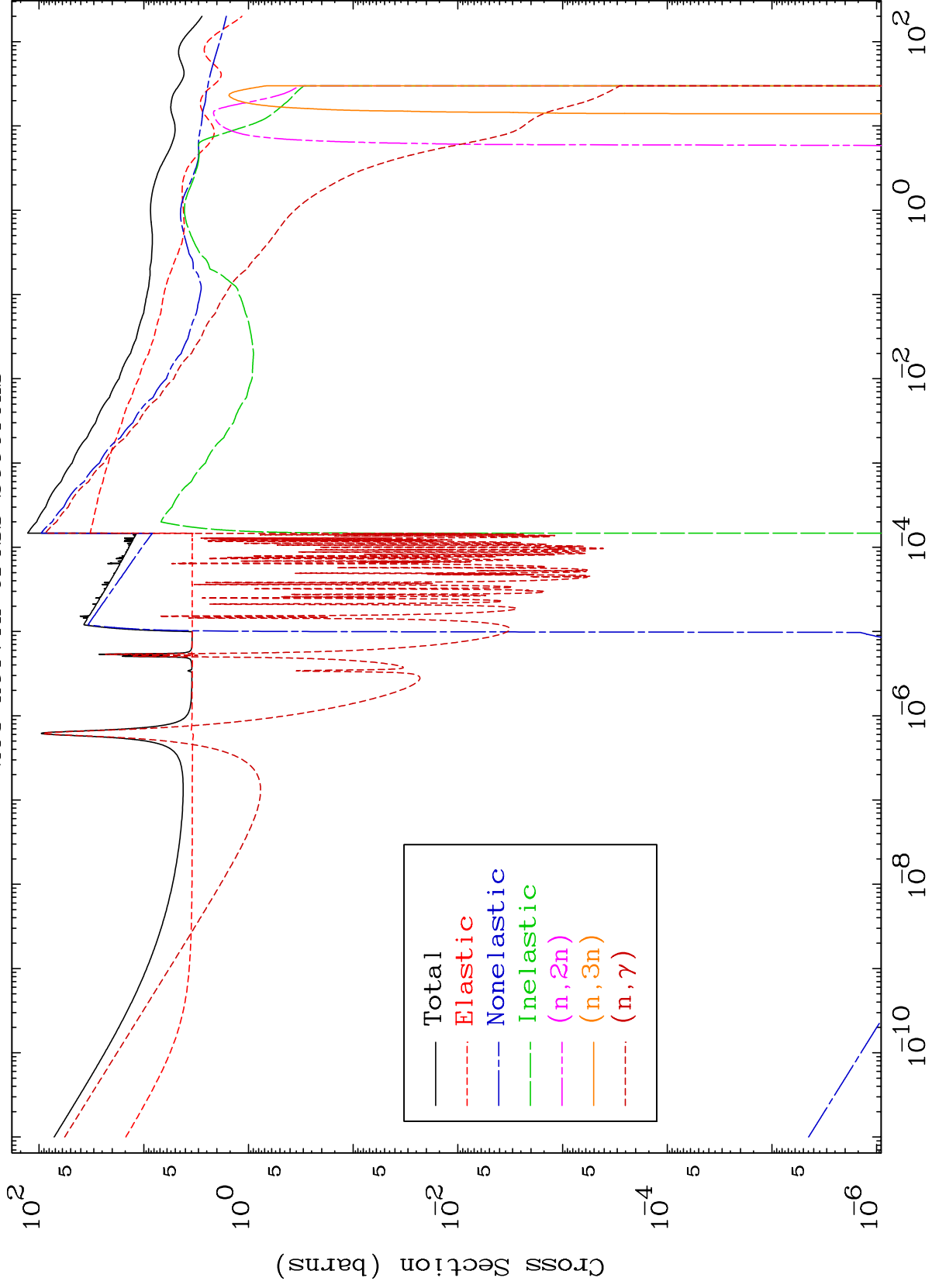
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7435

Neutron Major  
293 Kelvin Cross Sections

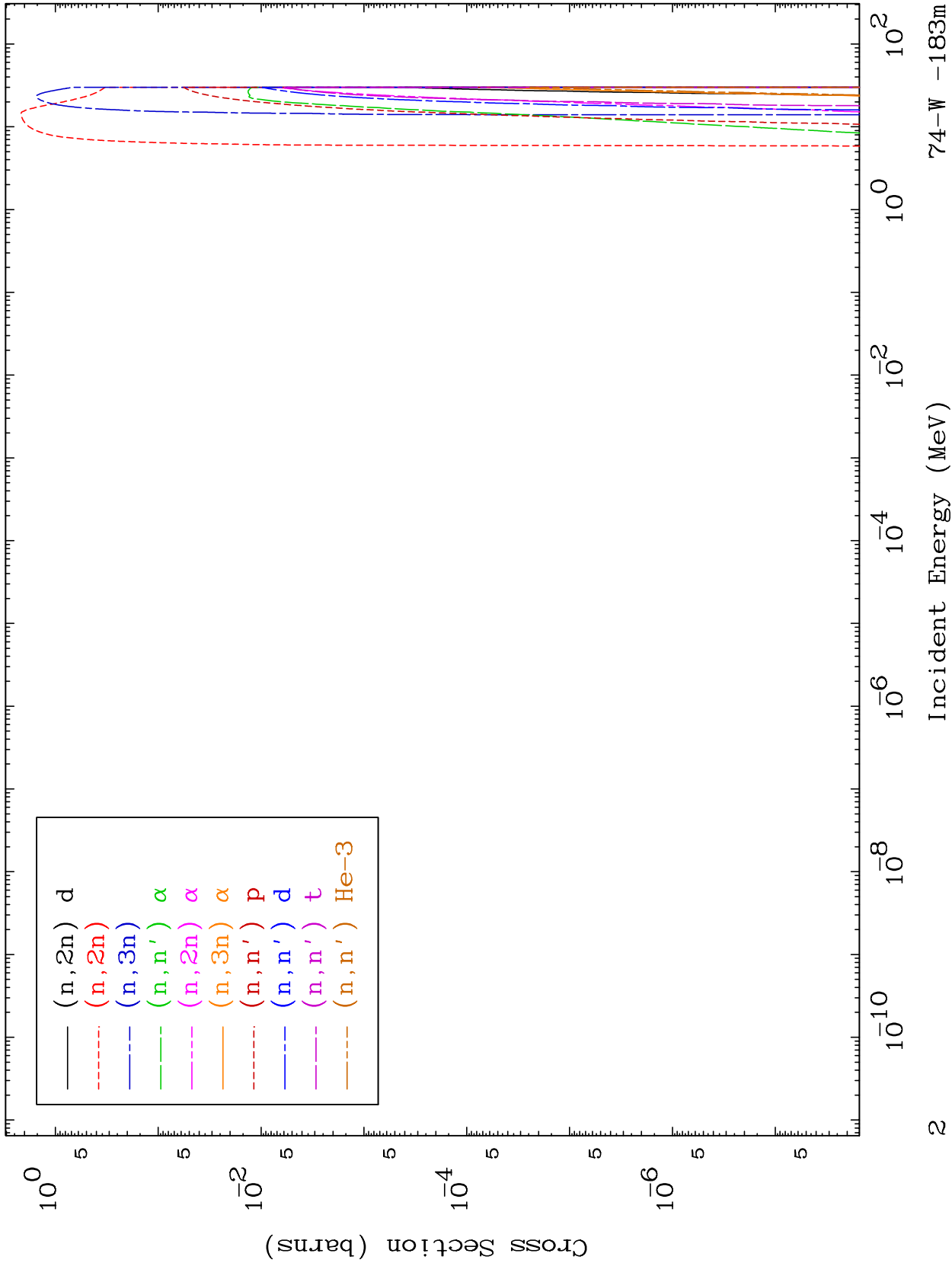
74-W -183m

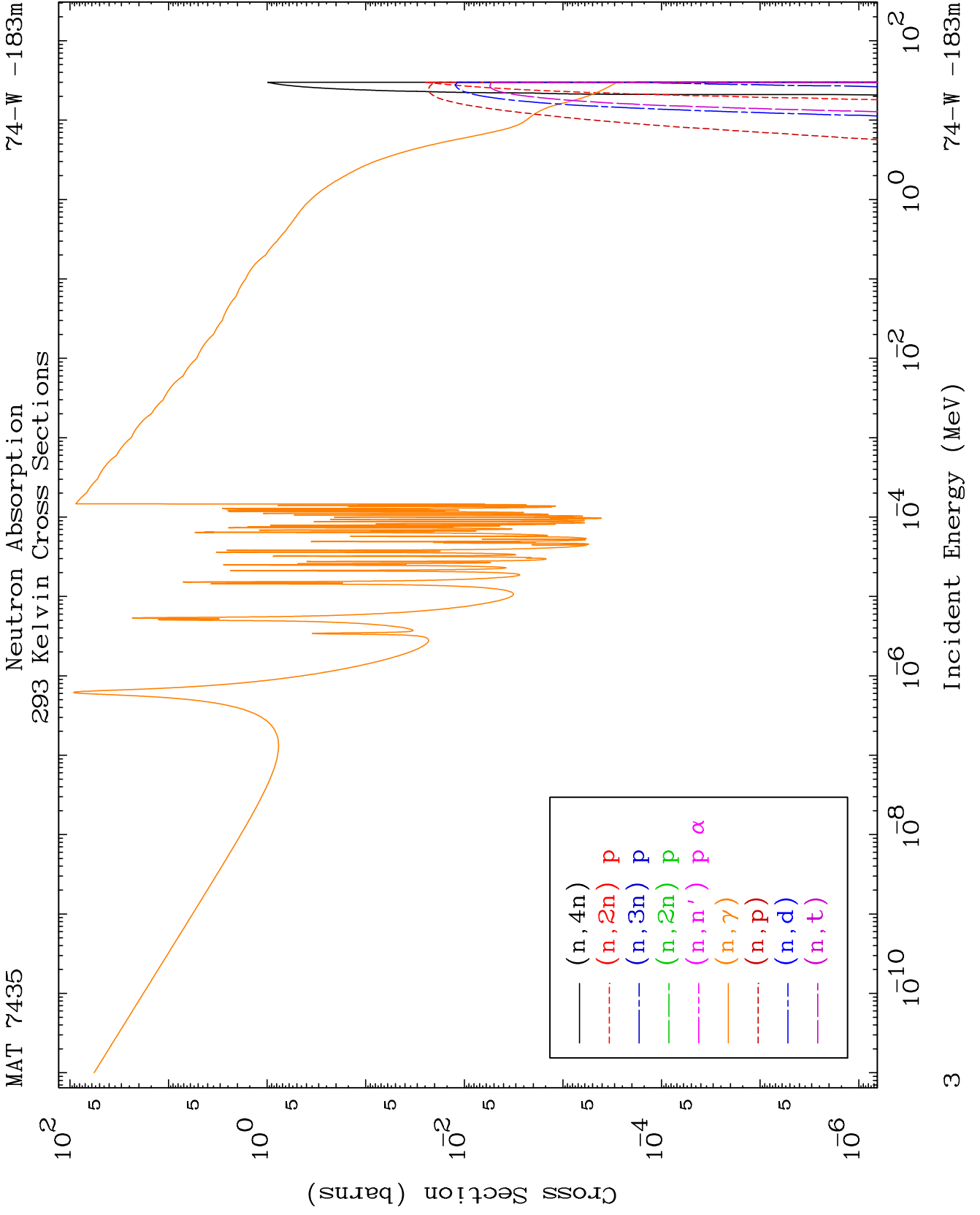


MAT 7435

Neutron Absorption  
293 Kelvin Cross Sections

74-W -183m

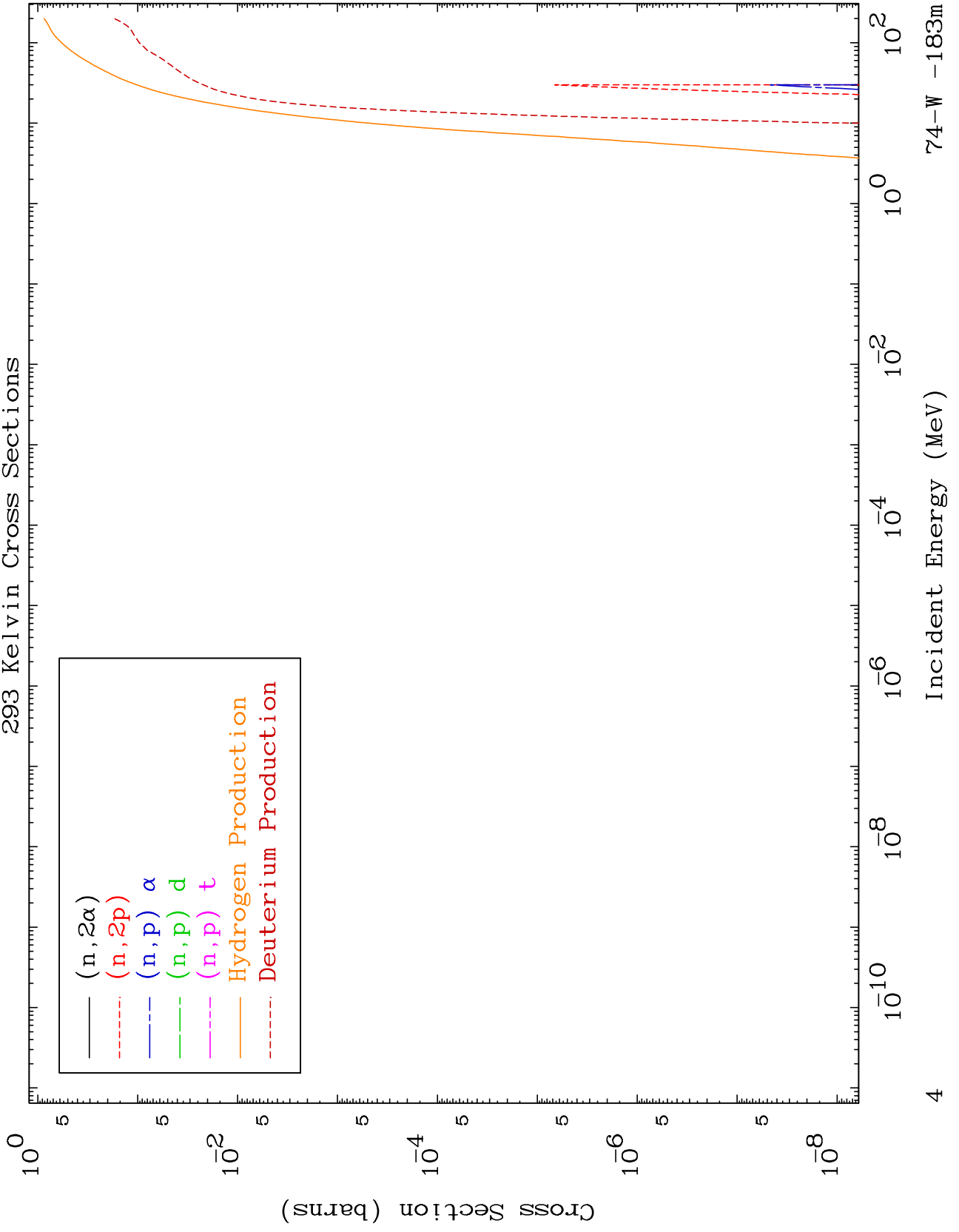




MAT 7435

Neutron Absorption  
293 Kelvin Cross Sections

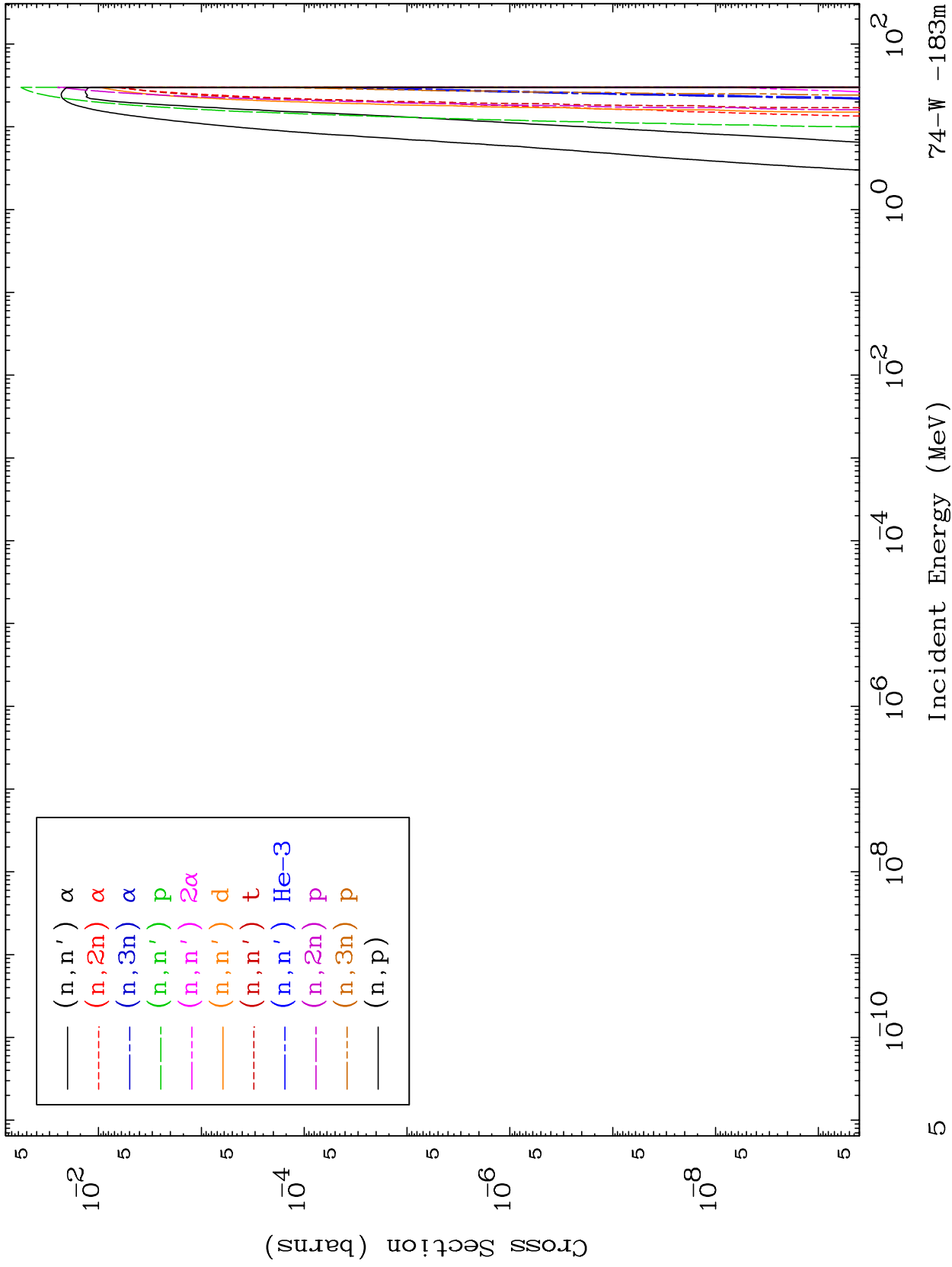
74-W -183m



MAT 7435

Charged Particle  
293 Kelvin Cross Sections

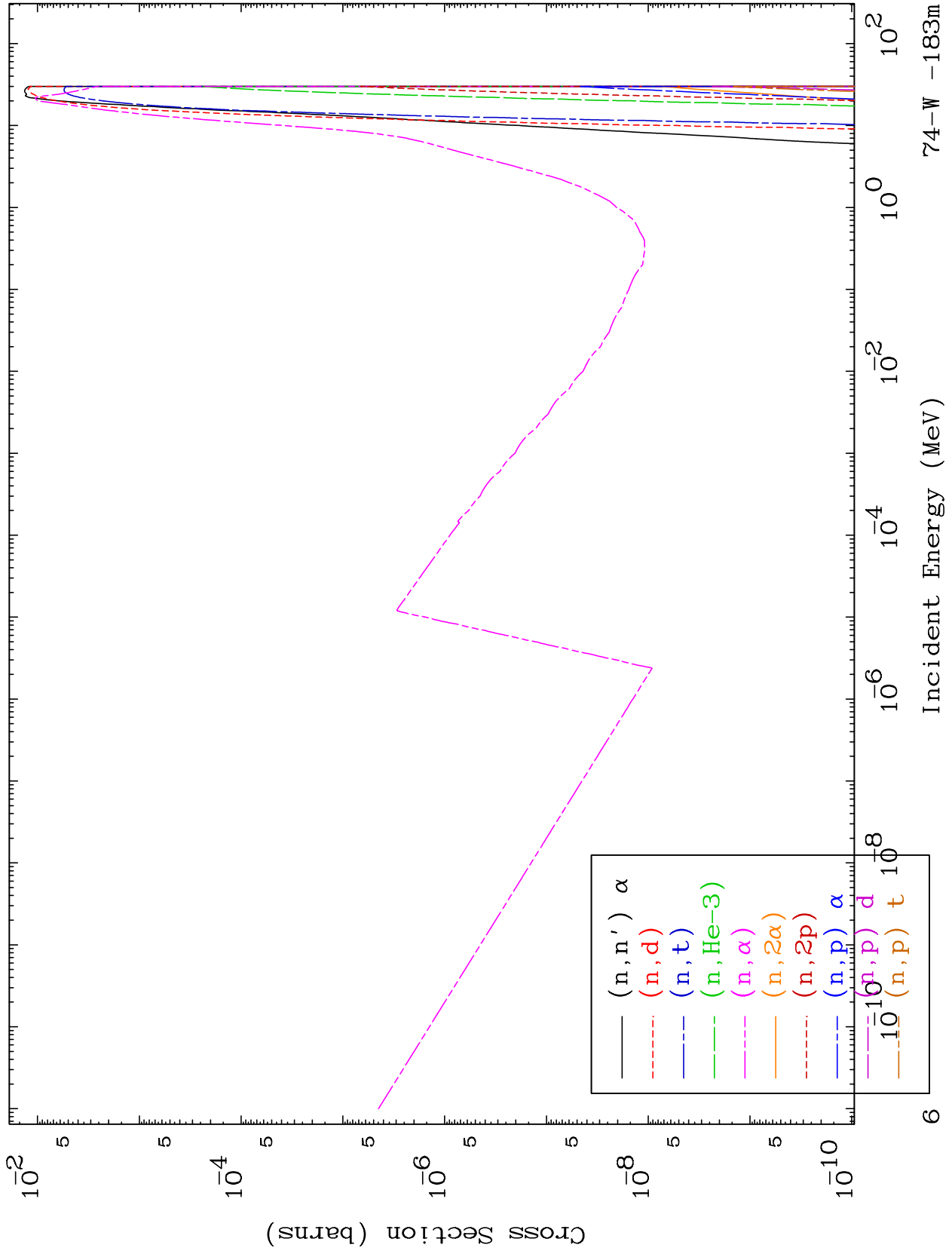
74-W -183m



MAT 7435

Charged Particle  
293 Kelvin Cross Sections

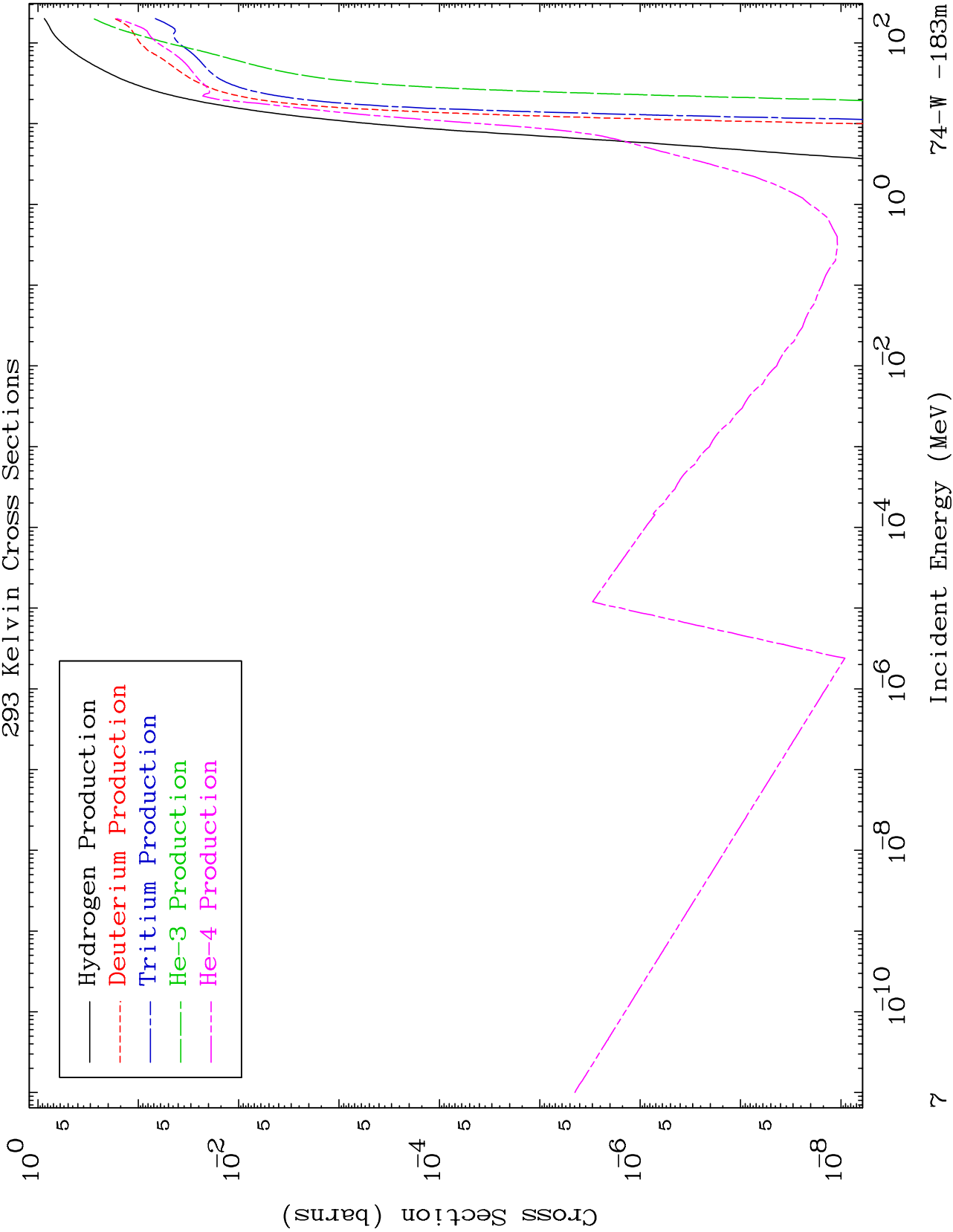
74-W -183m

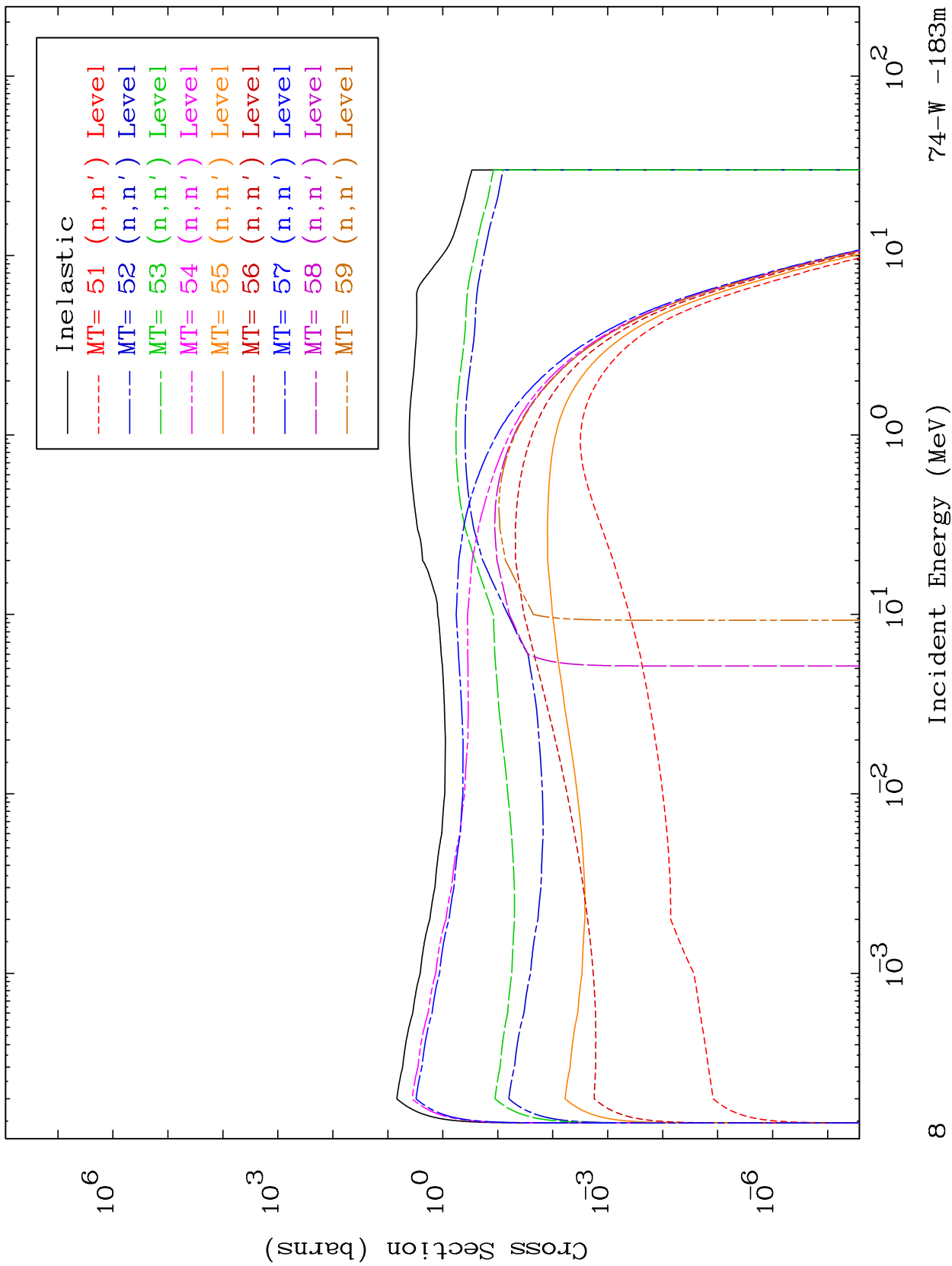


MAT 7435

Particle Production  
293 Kelvin Cross Sections

74-W -183m

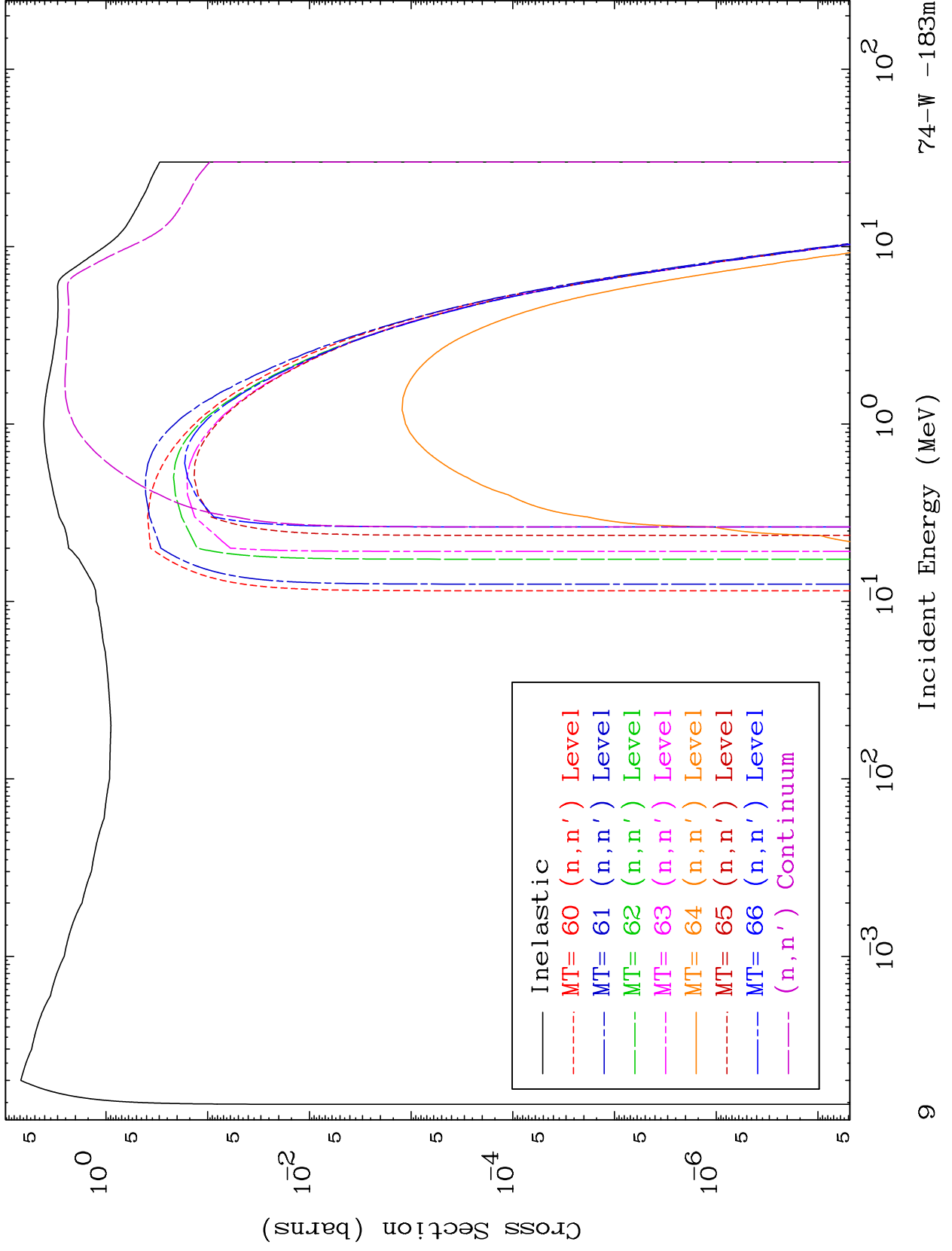




MAT 7435

(n,n') Levels  
293 Kelvin Cross Sections

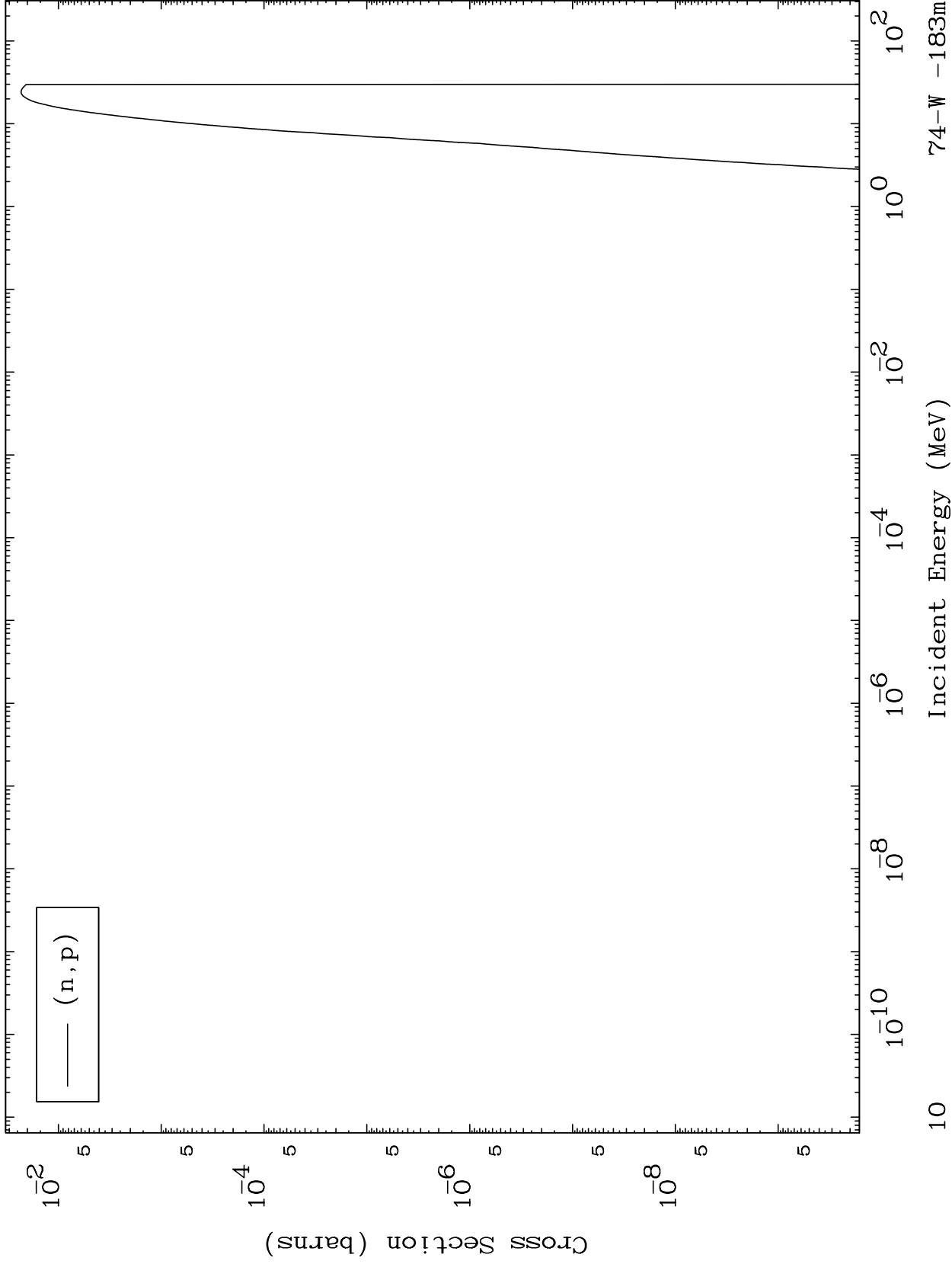
74-W -183m



MAT 7435

(n,p) Levels  
293 Kelvin Cross Sections

74-W -183m



10

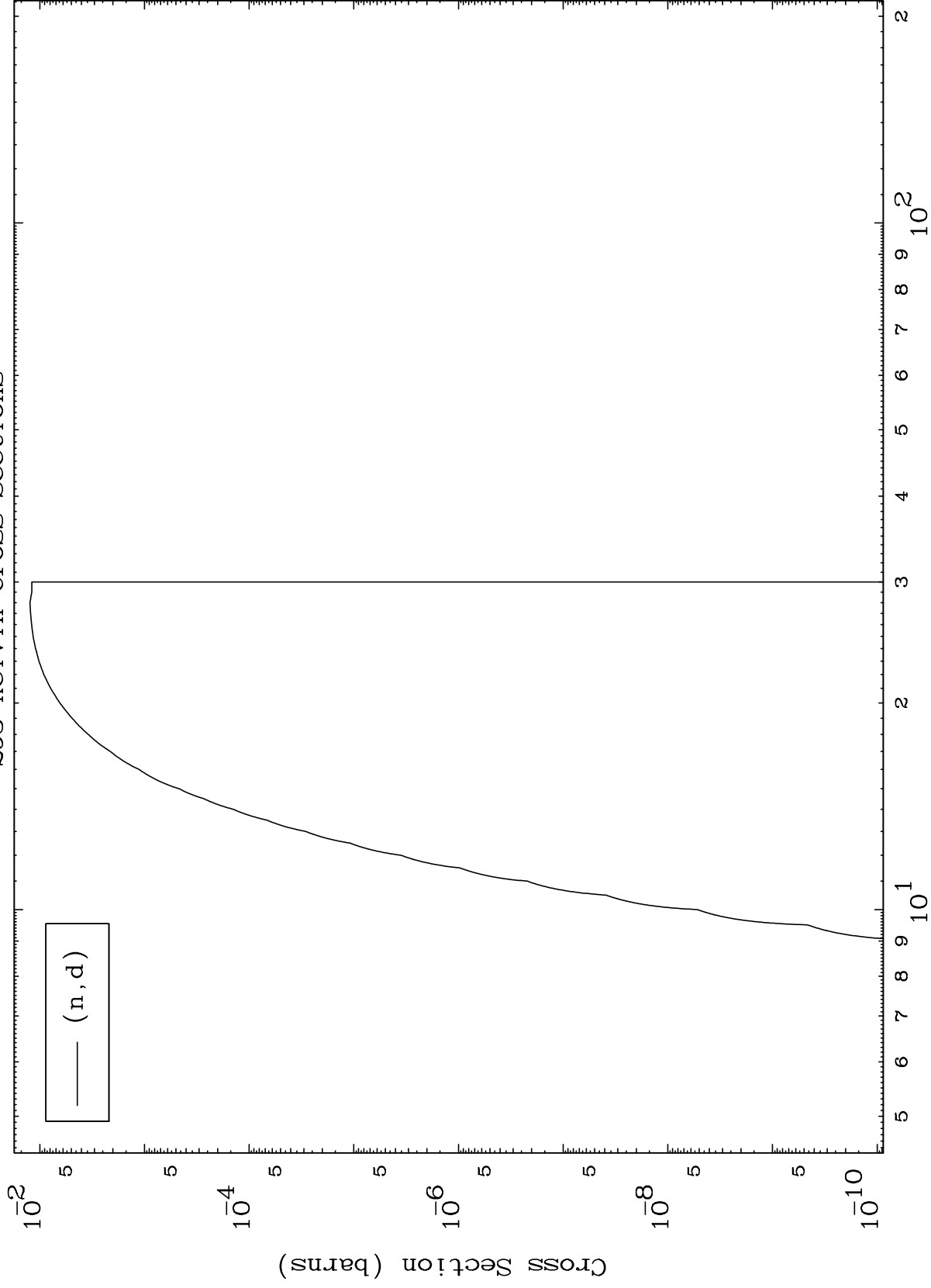
Incident Energy (MeV)

74-W -183m

MAT 7435

(n,d) Levels  
293 Kelvin Cross Sections

74-W -183m



11

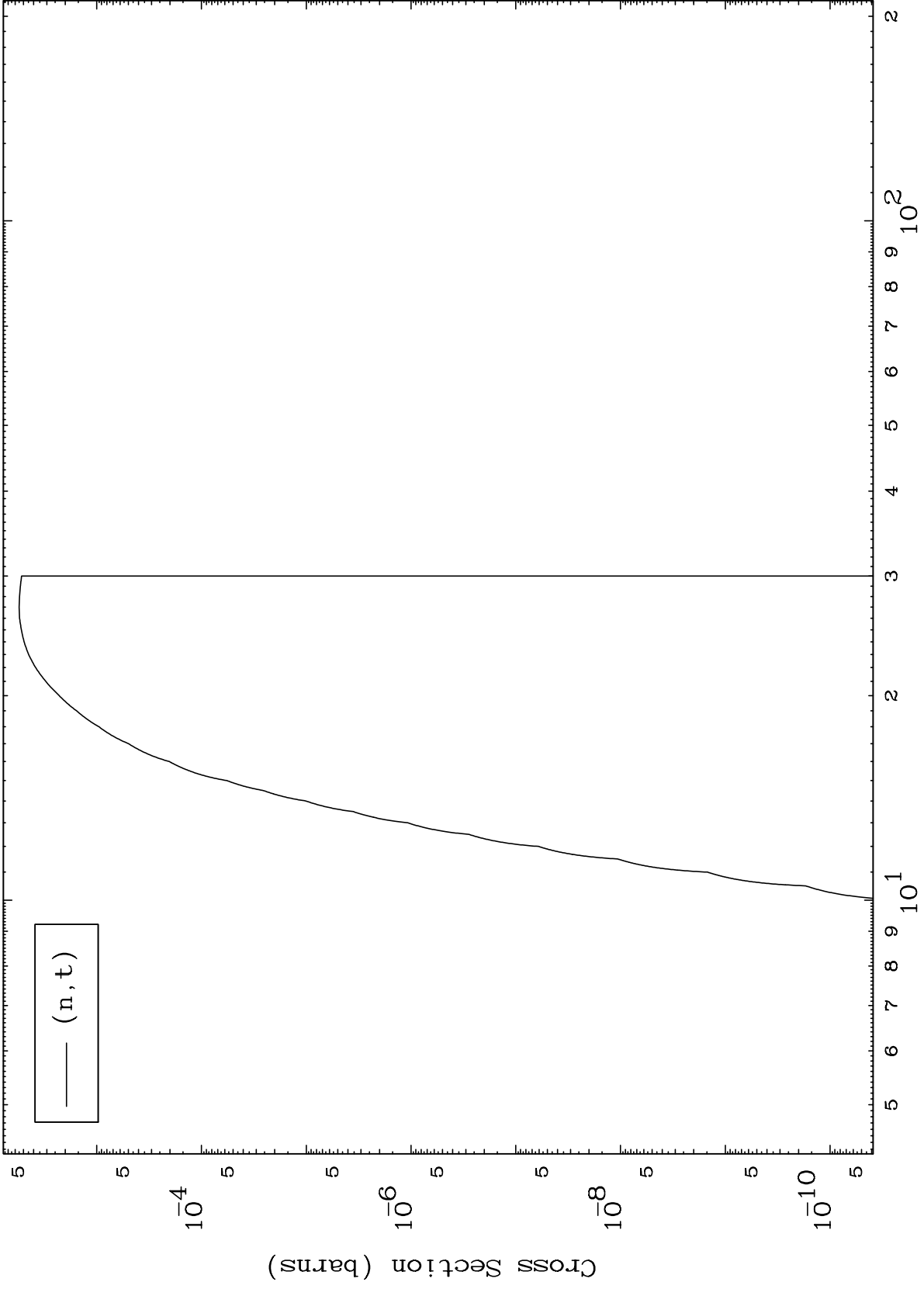
Incident Energy (MeV)

74-W -183m

MAT 7435

(n,t) Levels  
293 Kelvin Cross Sections

74-W -183m



12

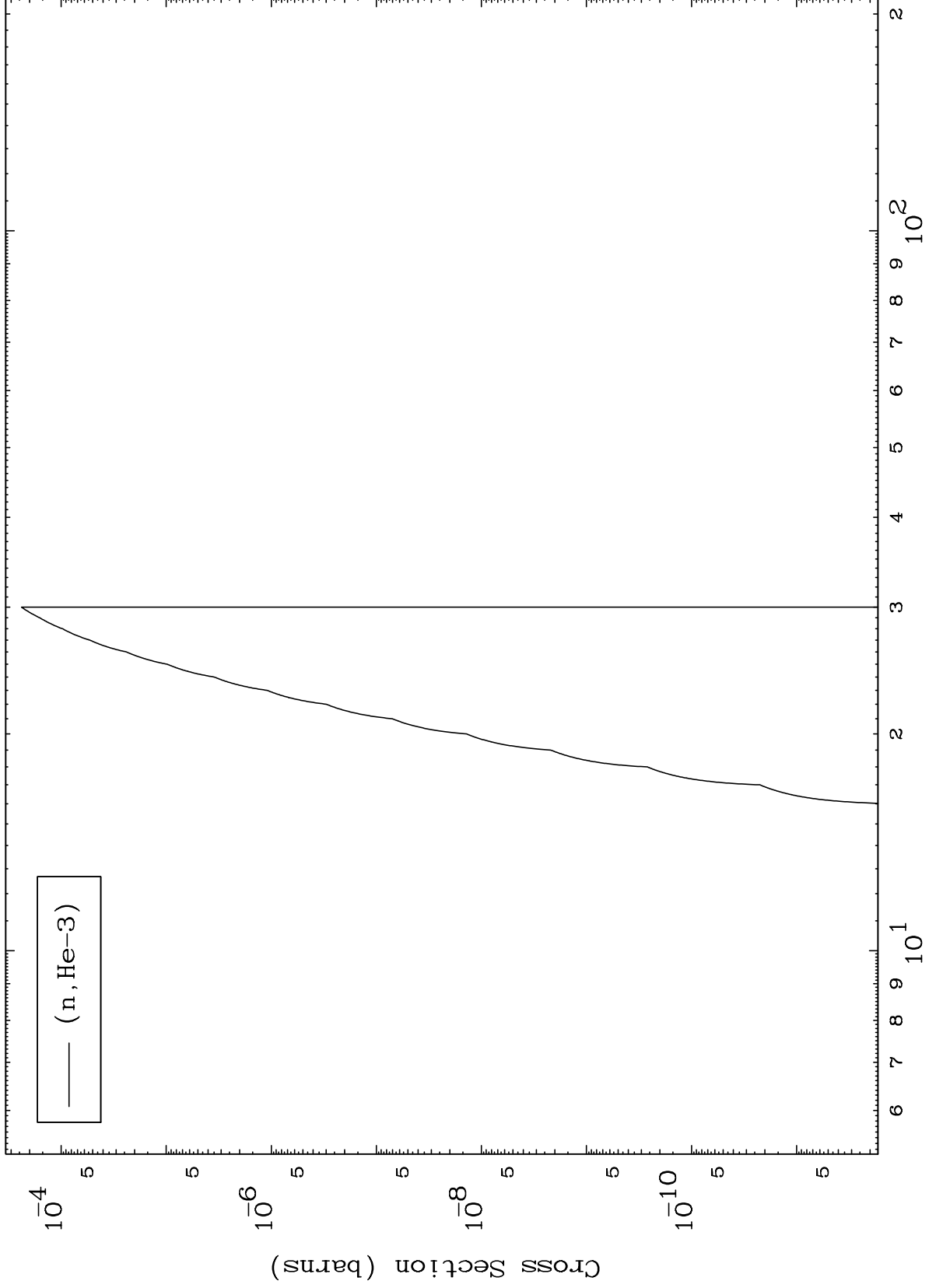
Incident Energy (MeV)

74-W -183m

MAT 7435

(n,He3) Levels  
293 Kelvin Cross Sections

74-W -183m



13

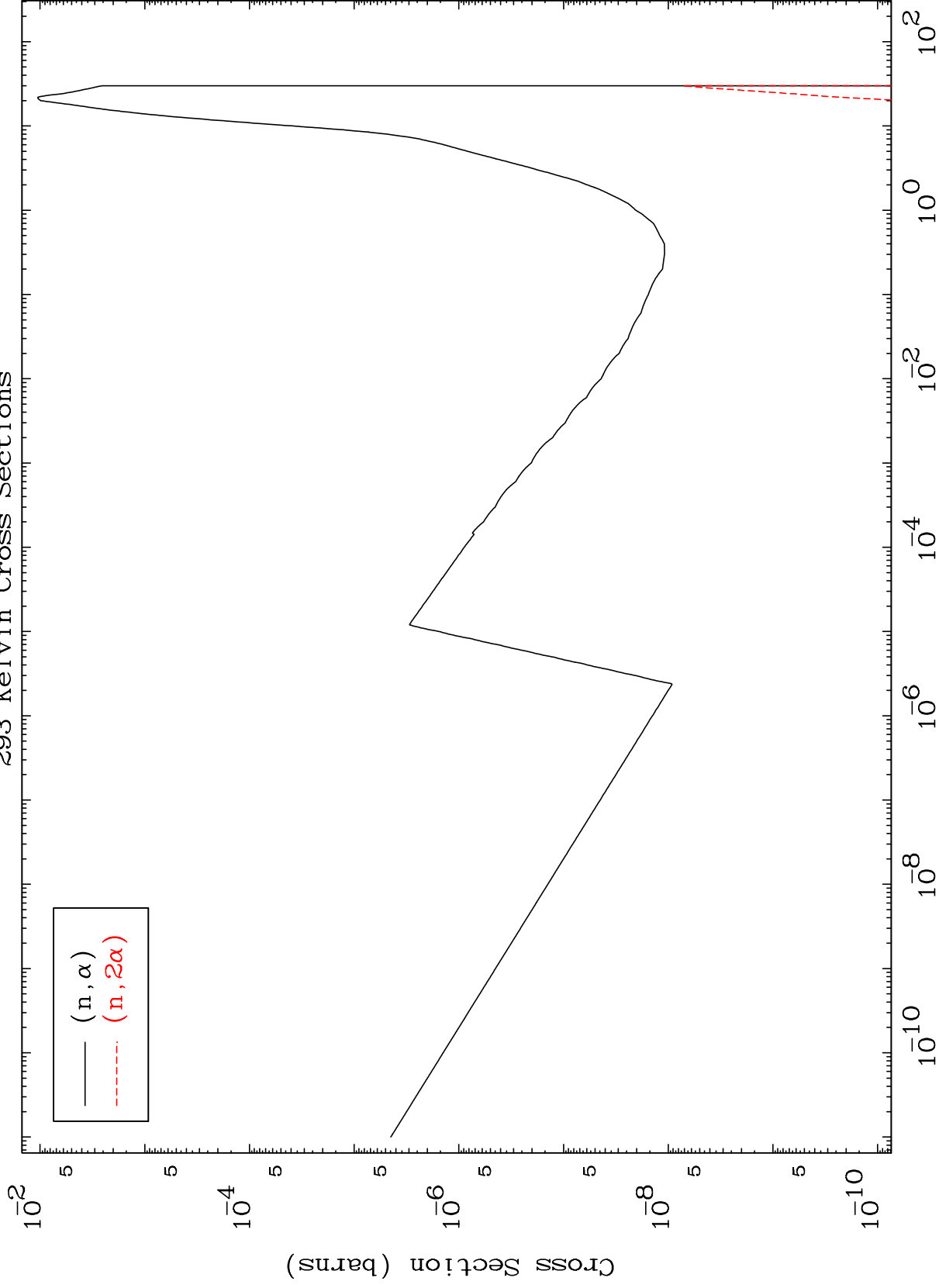
Incident Energy (MeV)

74-W -183m

MAT 7435

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

74-W - 183m



74-W - 183m

Incident Energy (MeV)

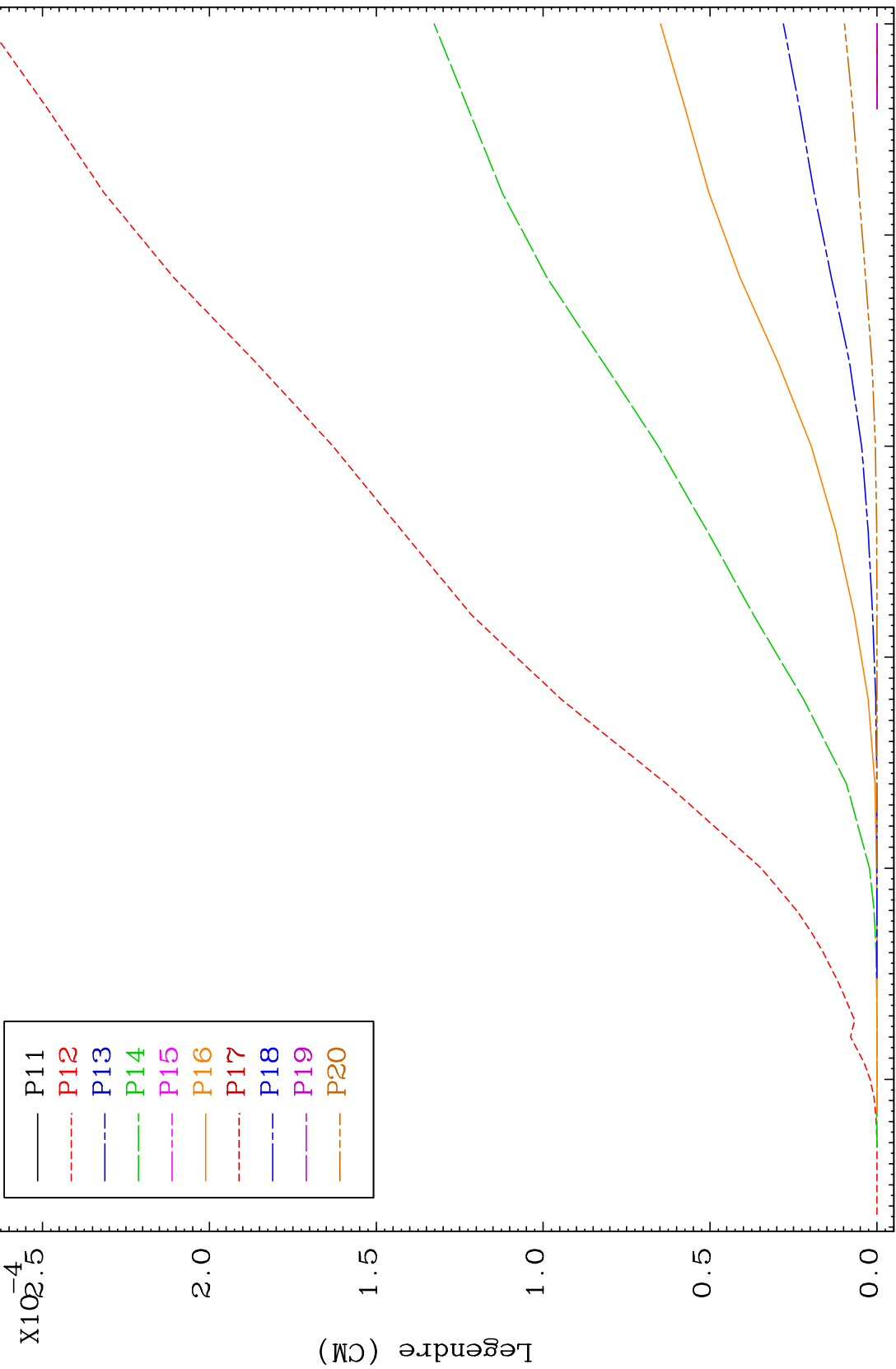
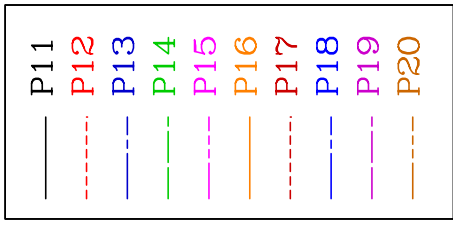
14



MAT 7435

Elastic Legendre Coefficients

74-W - 183m



16

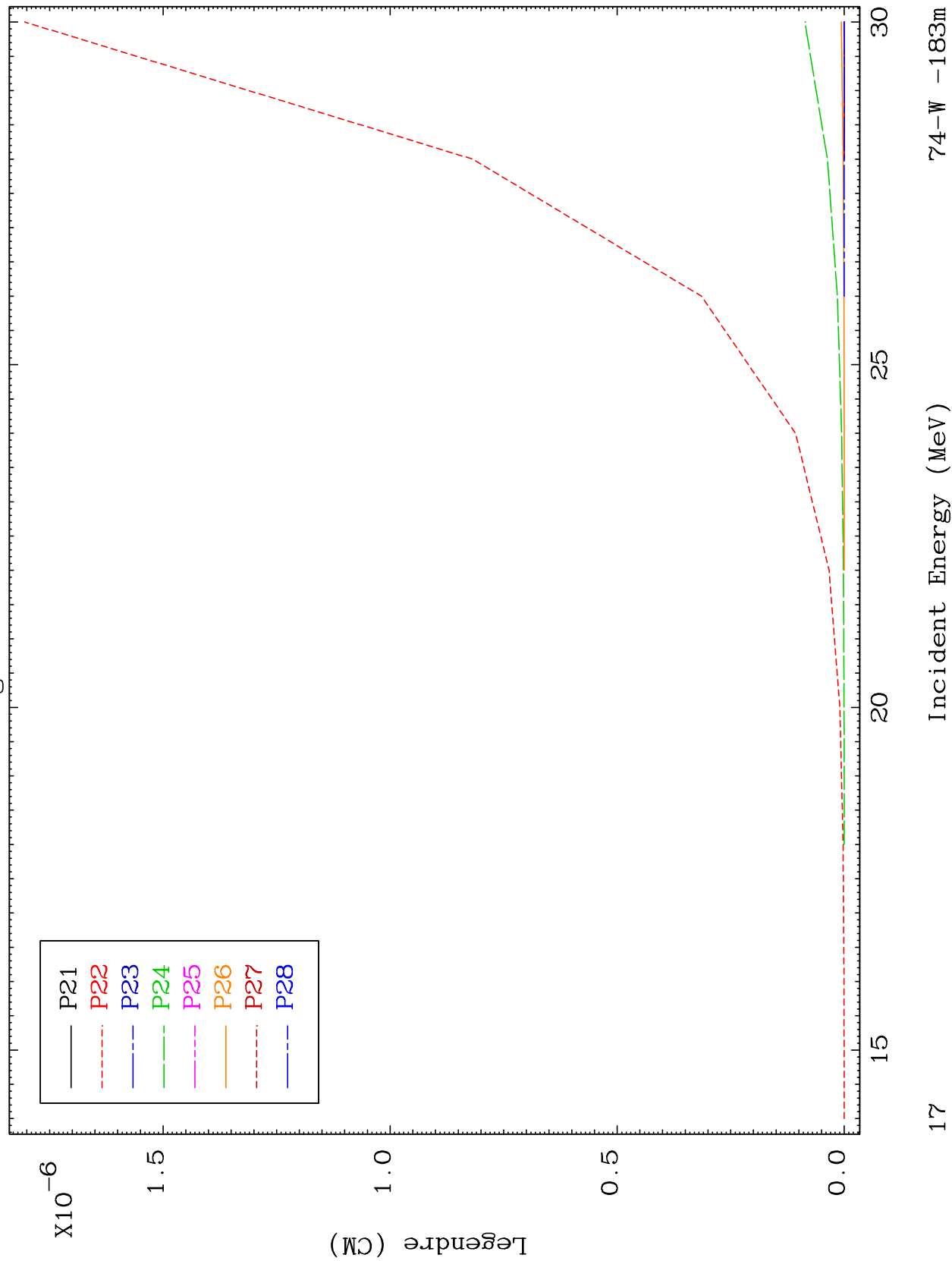
Incident Energy (MeV)

74-W - 183m

MAT 7435

Elastic Legendre Coefficients

74-W - 183m



17

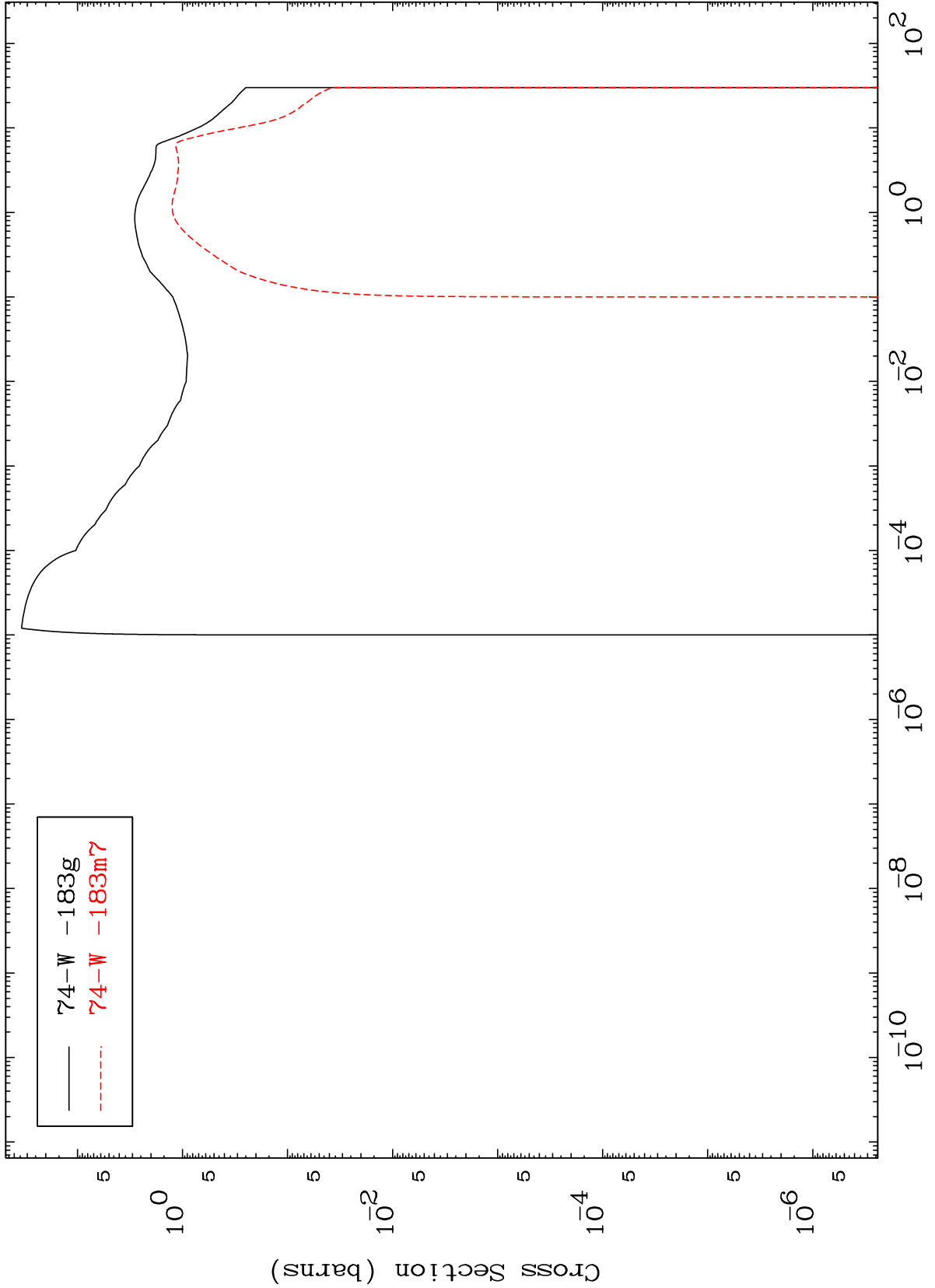
Incident Energy (MeV)

74-W - 183m

MAT 7435

Radionuclide Production Cross Section

74-W - 183m



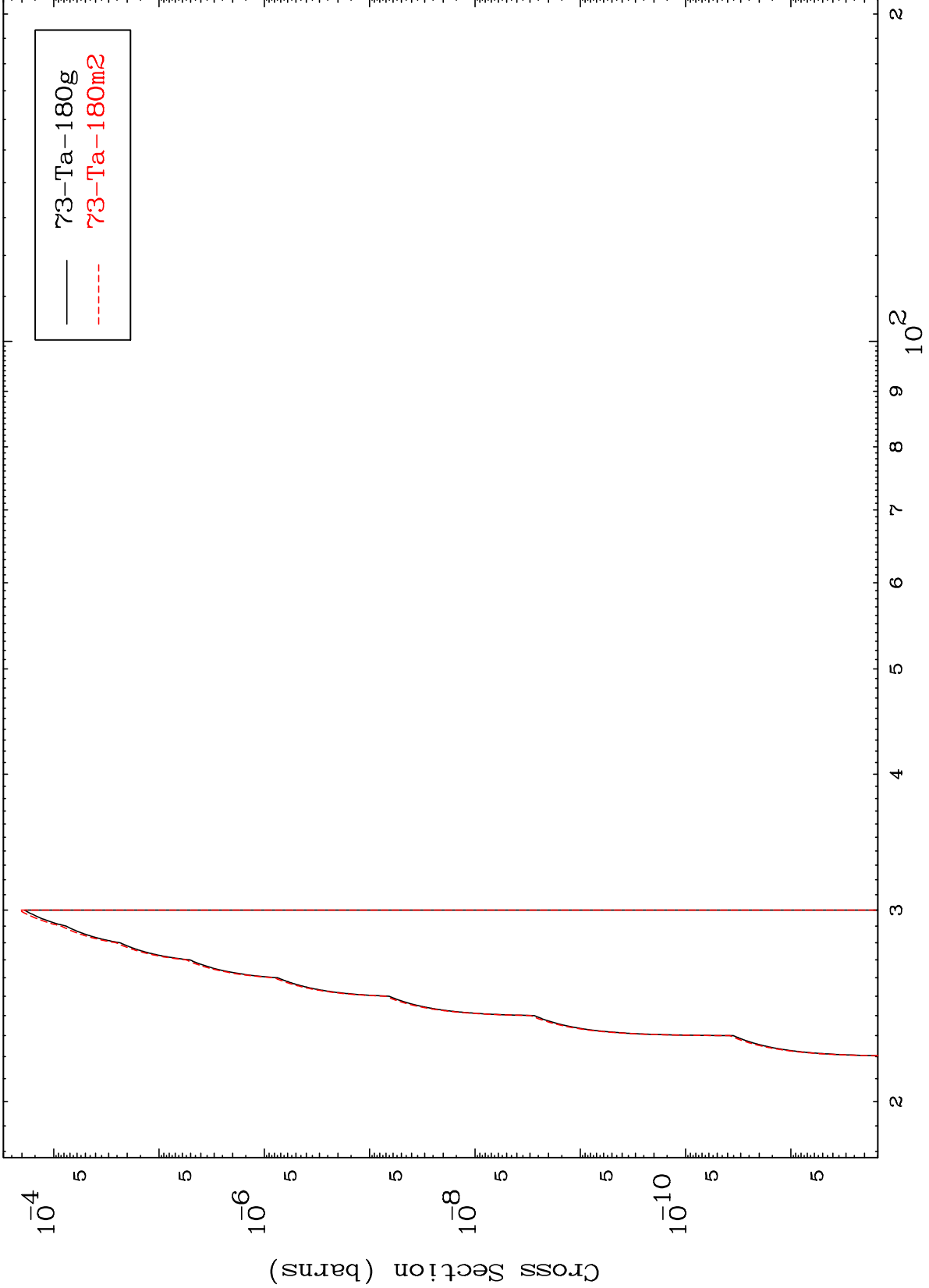
74-W - 183g  
74-W - 183m7

MAT 7435

(n,2n) d

74-W -183m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

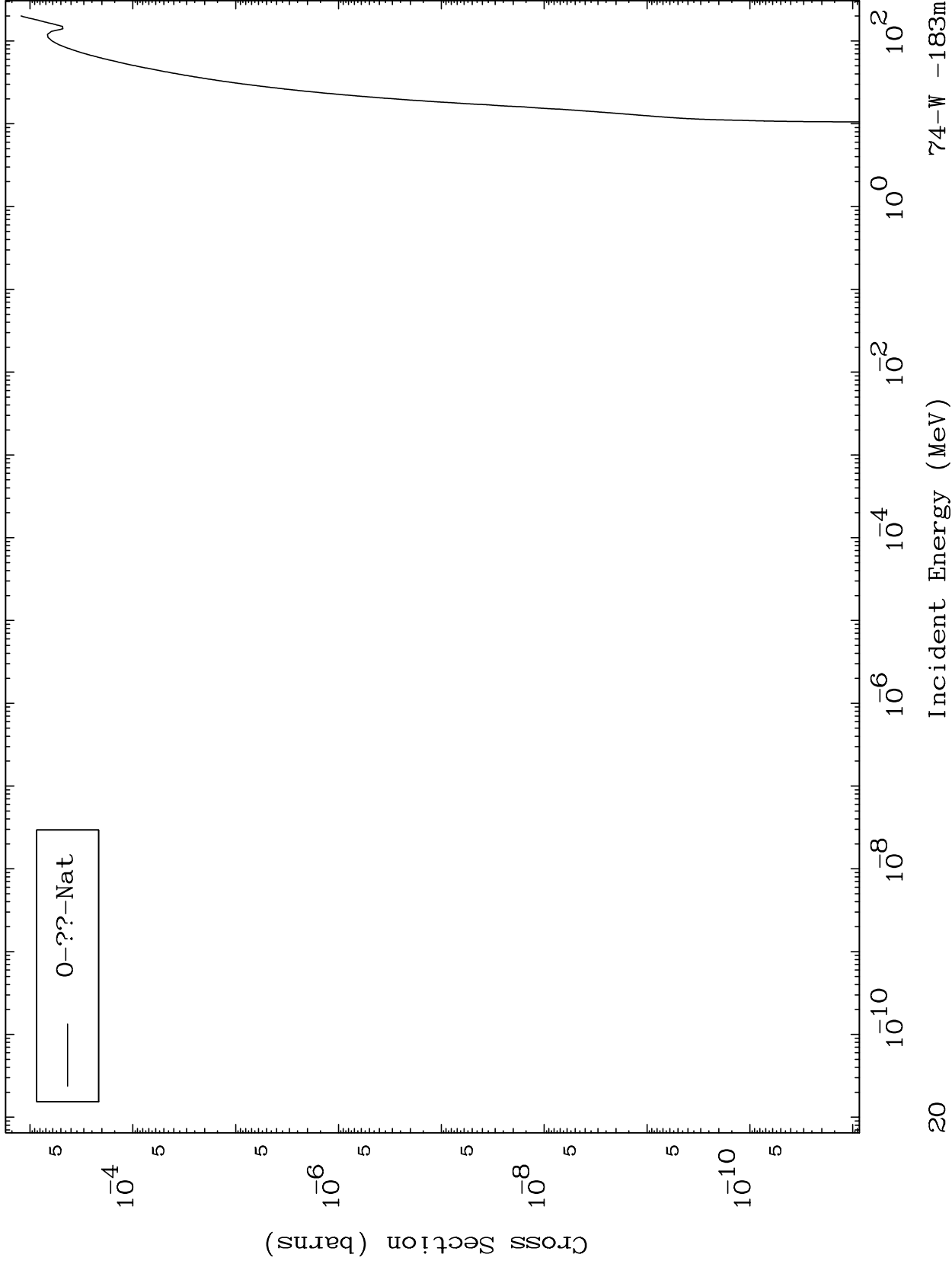
74-W -183m

MAT 7435

Fission

74-W -183m

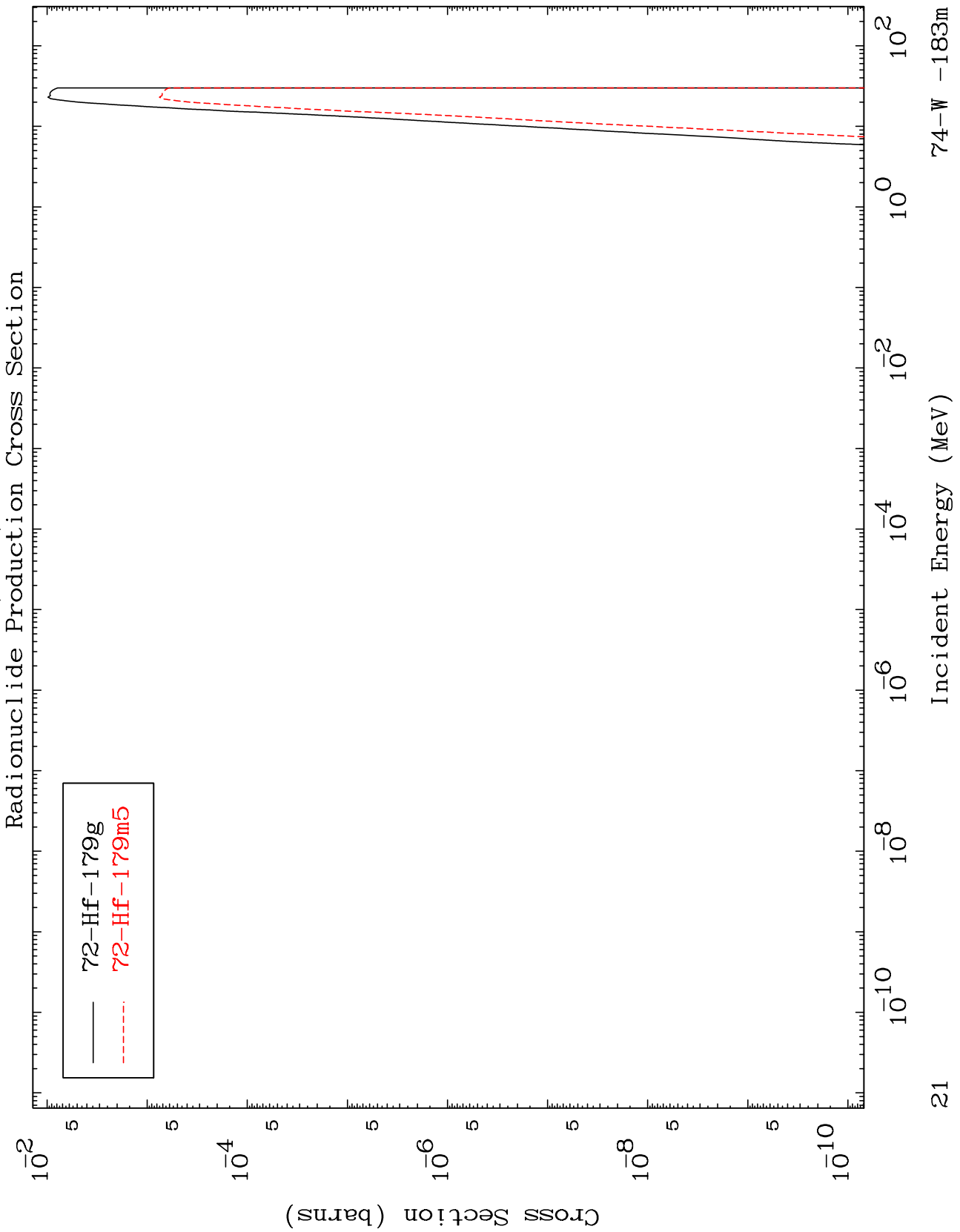
Radionuclide Production Cross Section



MAT 7435

(n,n')  $\alpha$

74-W -183m

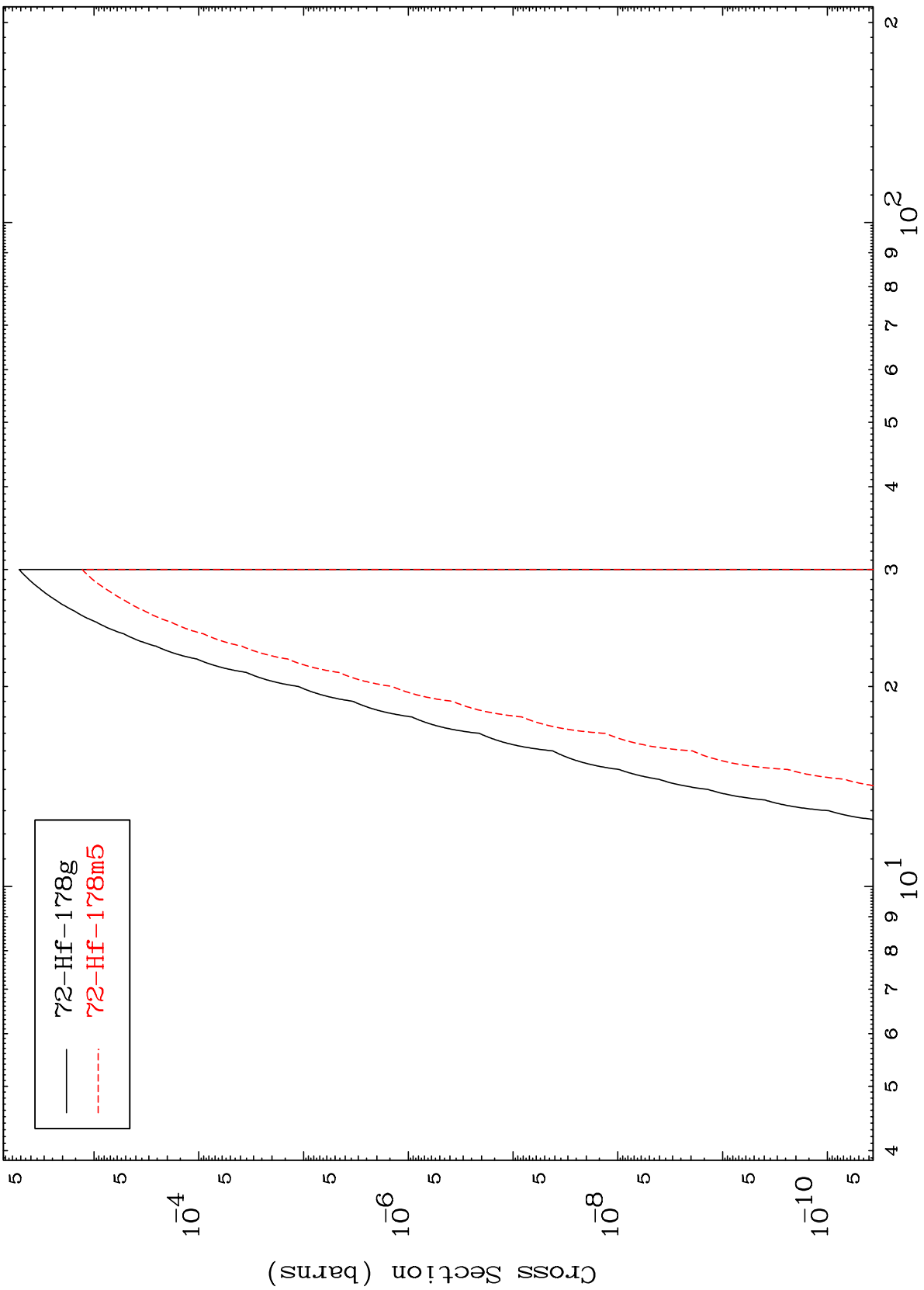


MAT 7435

(n,2n)  $\alpha$

74-W -183m

Radionuclide Production Cross Section



— 72-Hf-178g  
- - - 72-Hf-178m5

22

Incident Energy (MeV)

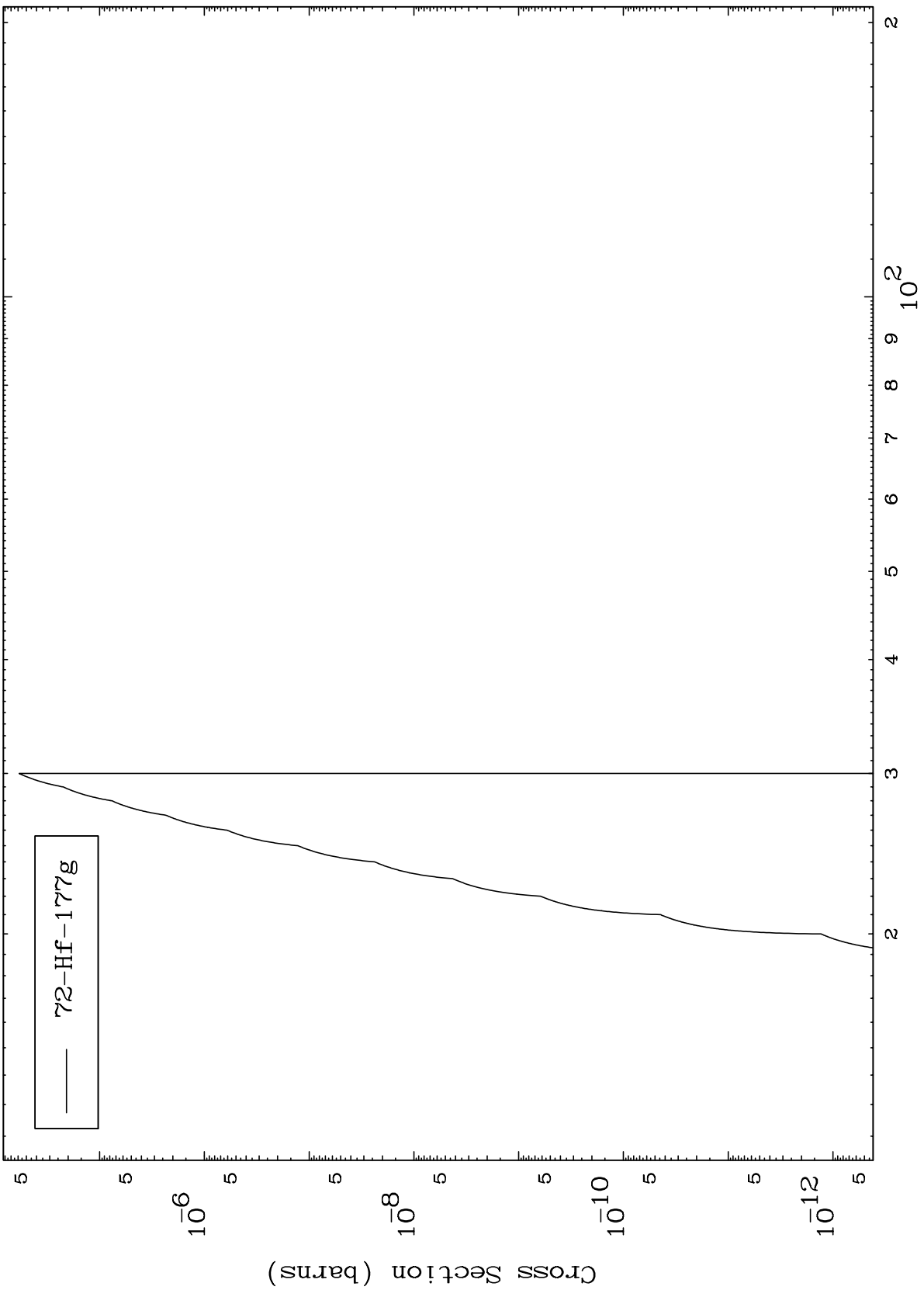
74-W -183m

MAT 7435

(n,3n)  $\alpha$

74-W -183m

Radionuclide Production Cross Section



Incident Energy (MeV)

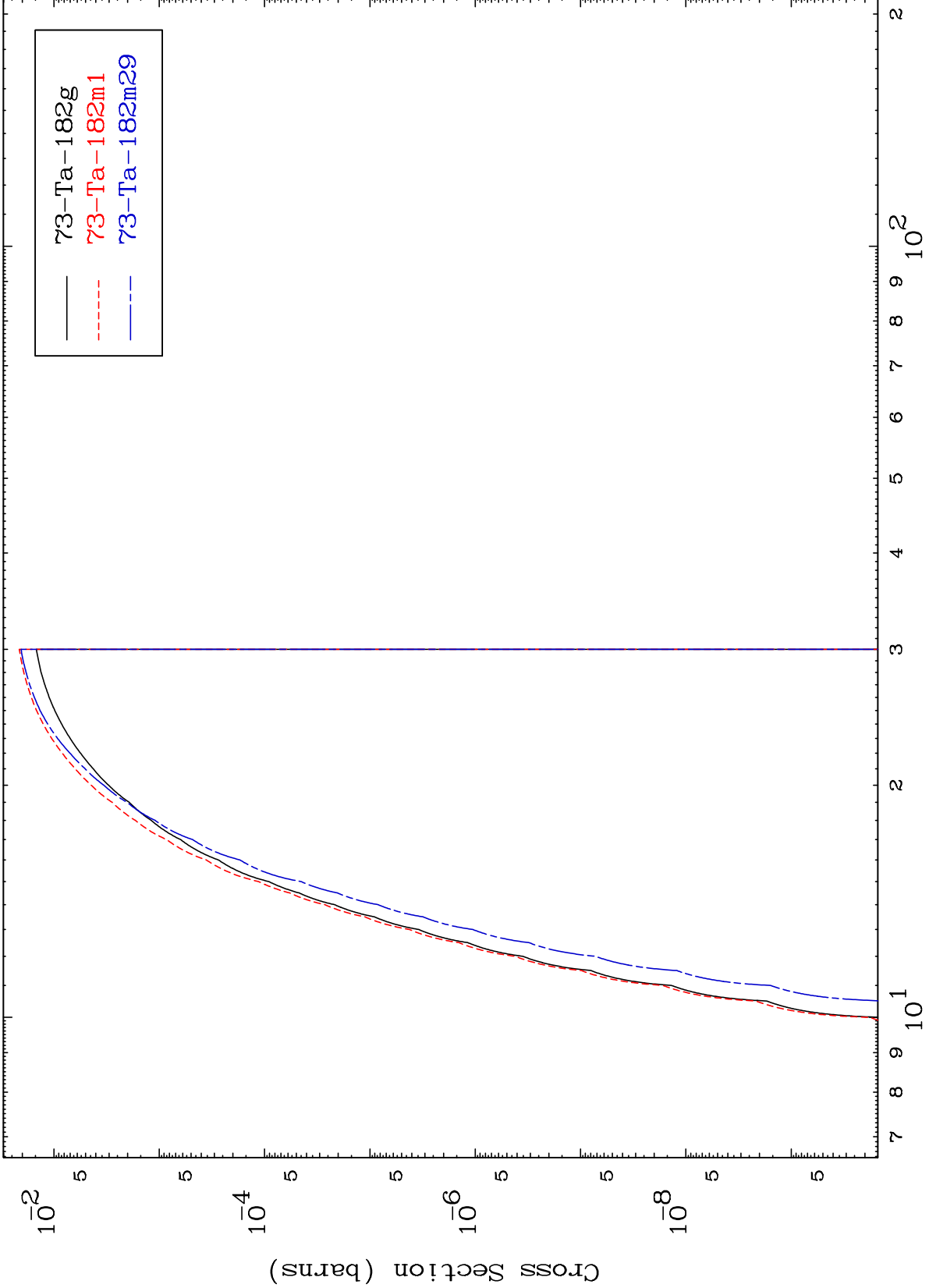
74-W -183m

MAT 7435

(n,n') p

74-W -183m

Radionuclide Production Cross Section

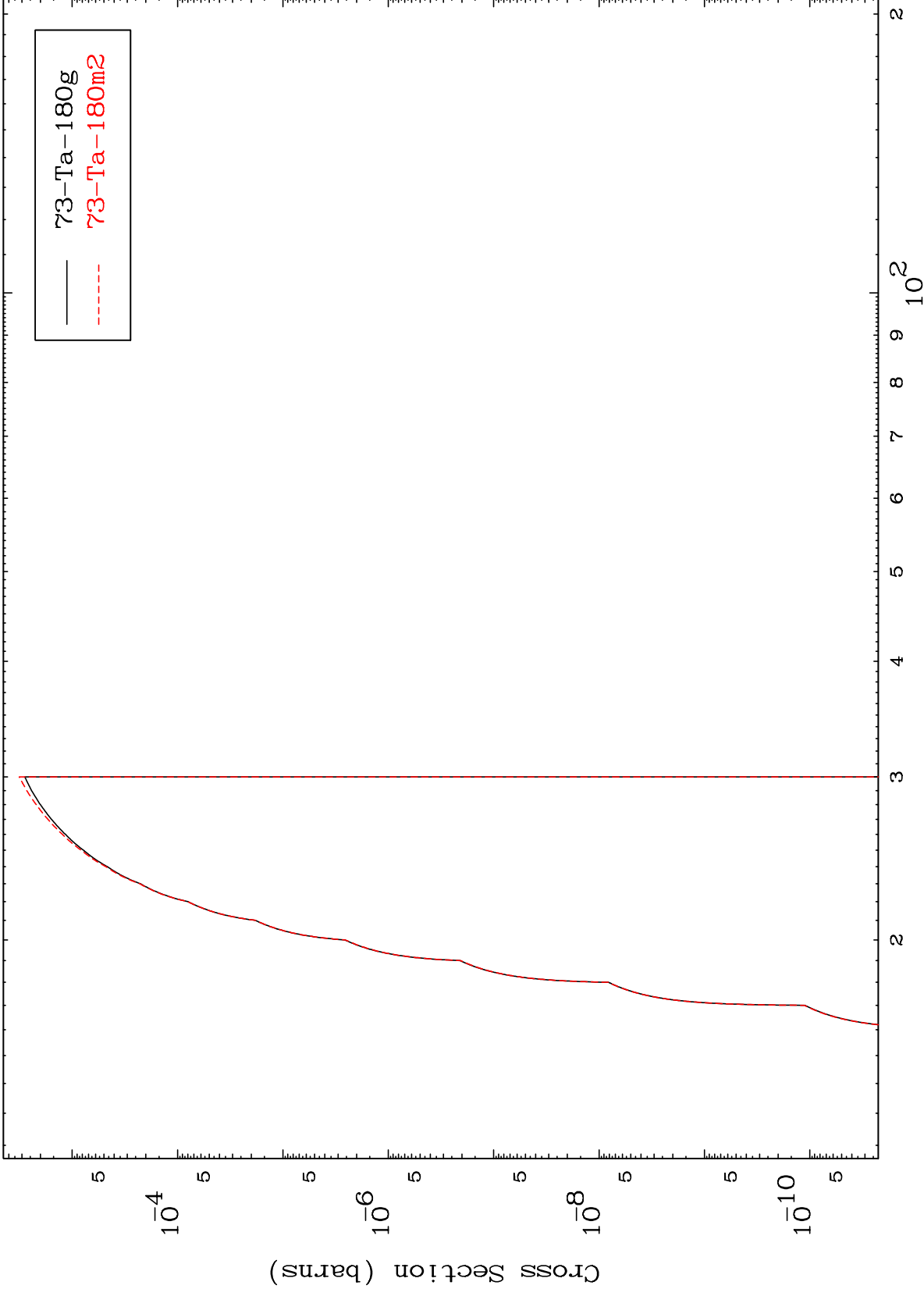


24

Incident Energy (MeV)

74-W -183m

Radionuclide Production Cross Section

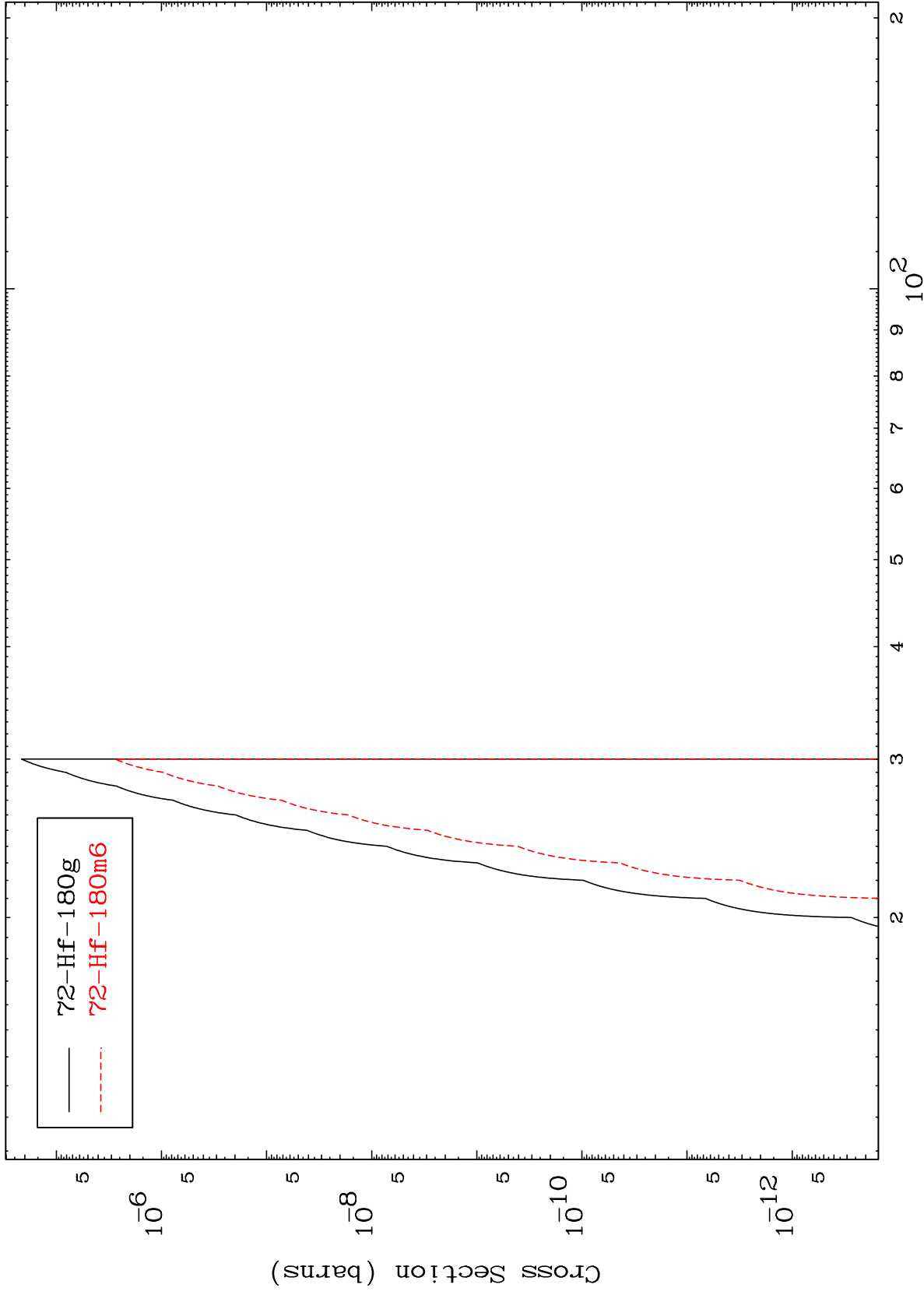


MAT 7435

(n,n') He-3

74-W -183m

Radionuclide Production Cross Section



Incident Energy (MeV)

74-W -183m

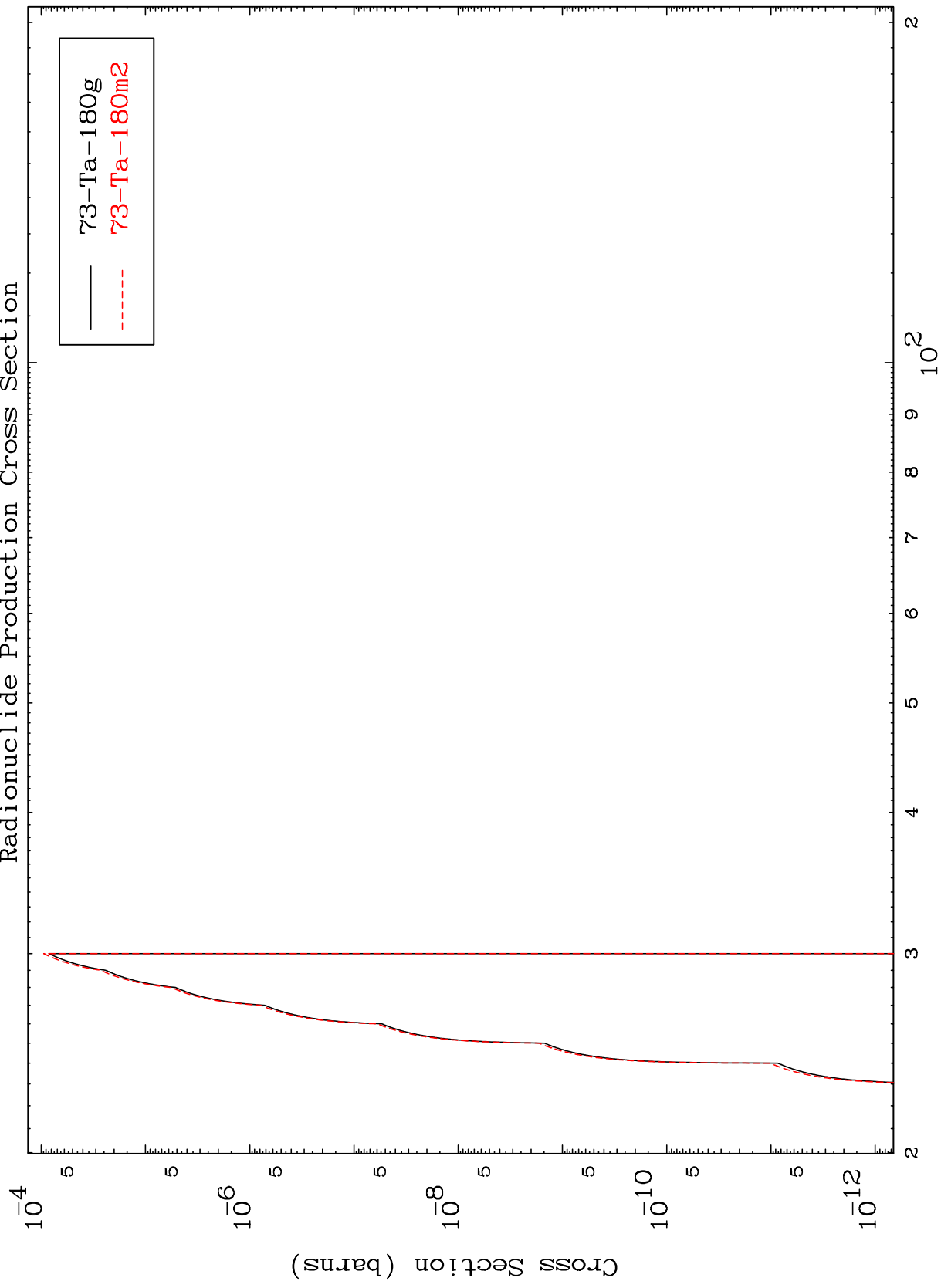
26

MAT 7435

(n,3n) p

74-W -183m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

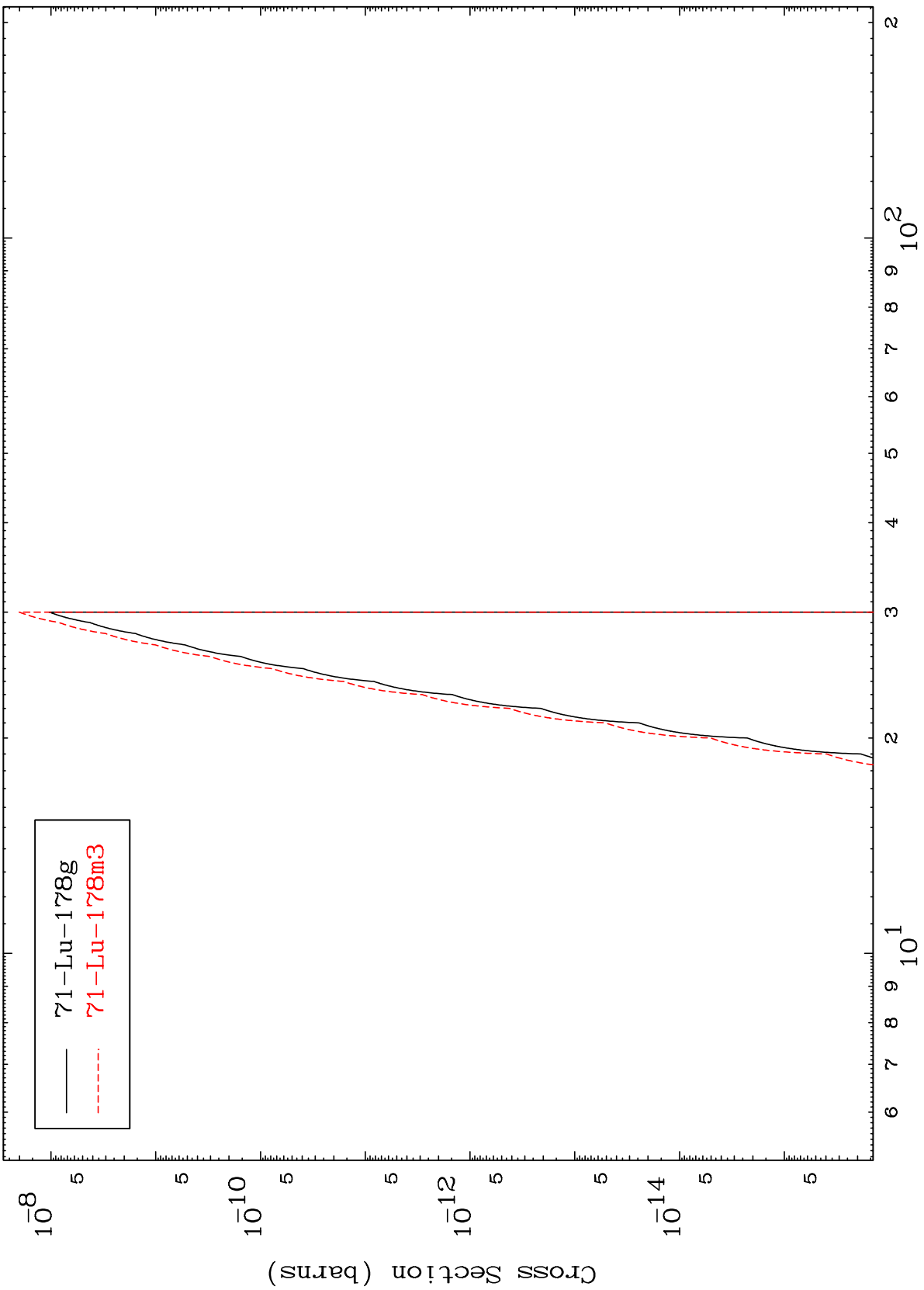
74-W -183m

MAT 7435

(n,n') p  $\alpha$

74-W -183m

Radionuclide Production Cross Section



28

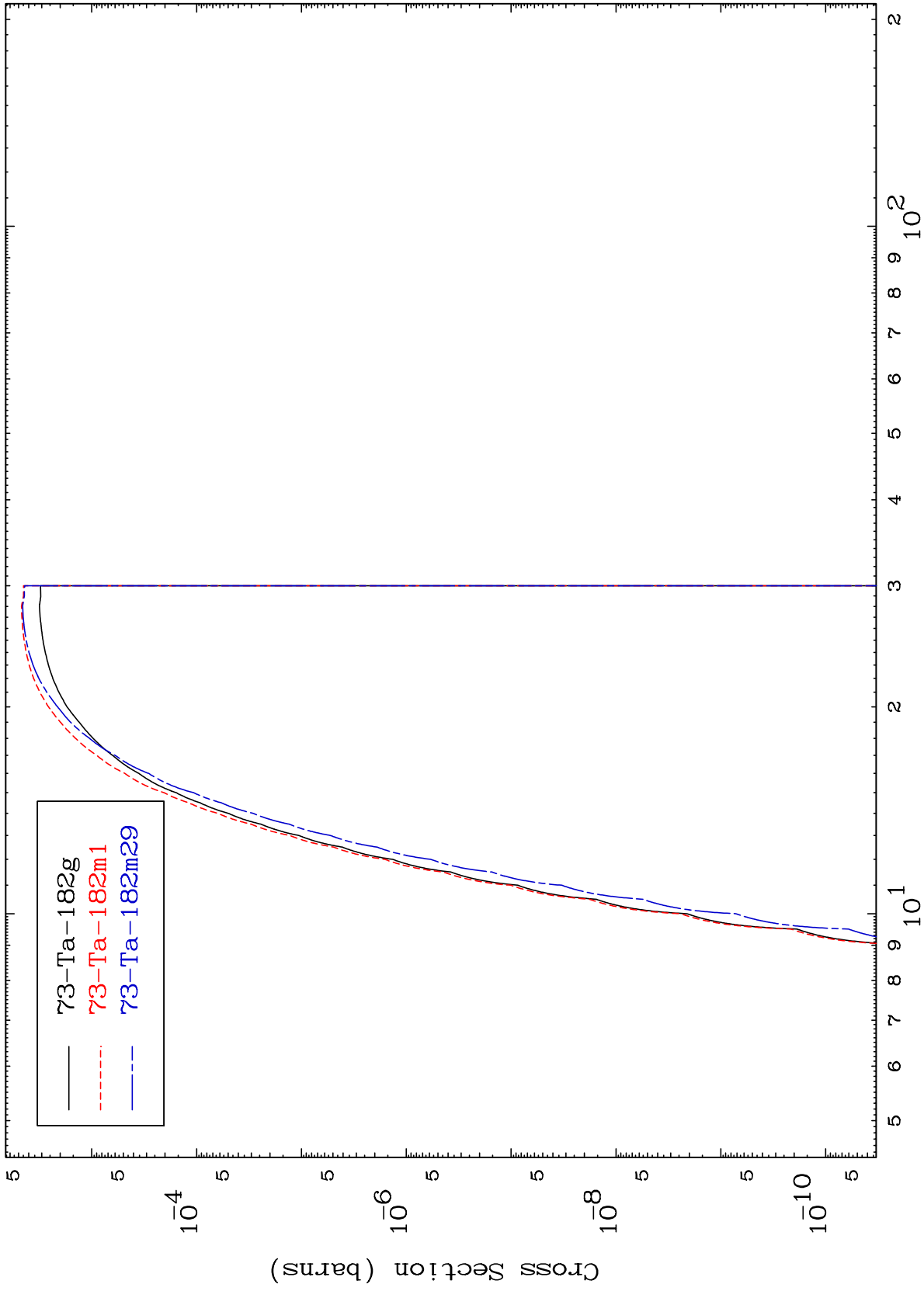
Incident Energy (MeV)

74-W -183m

MAT 7435

74-W - 183m

(n,d)  
Radionuclide Production Cross Section



74-W - 183m

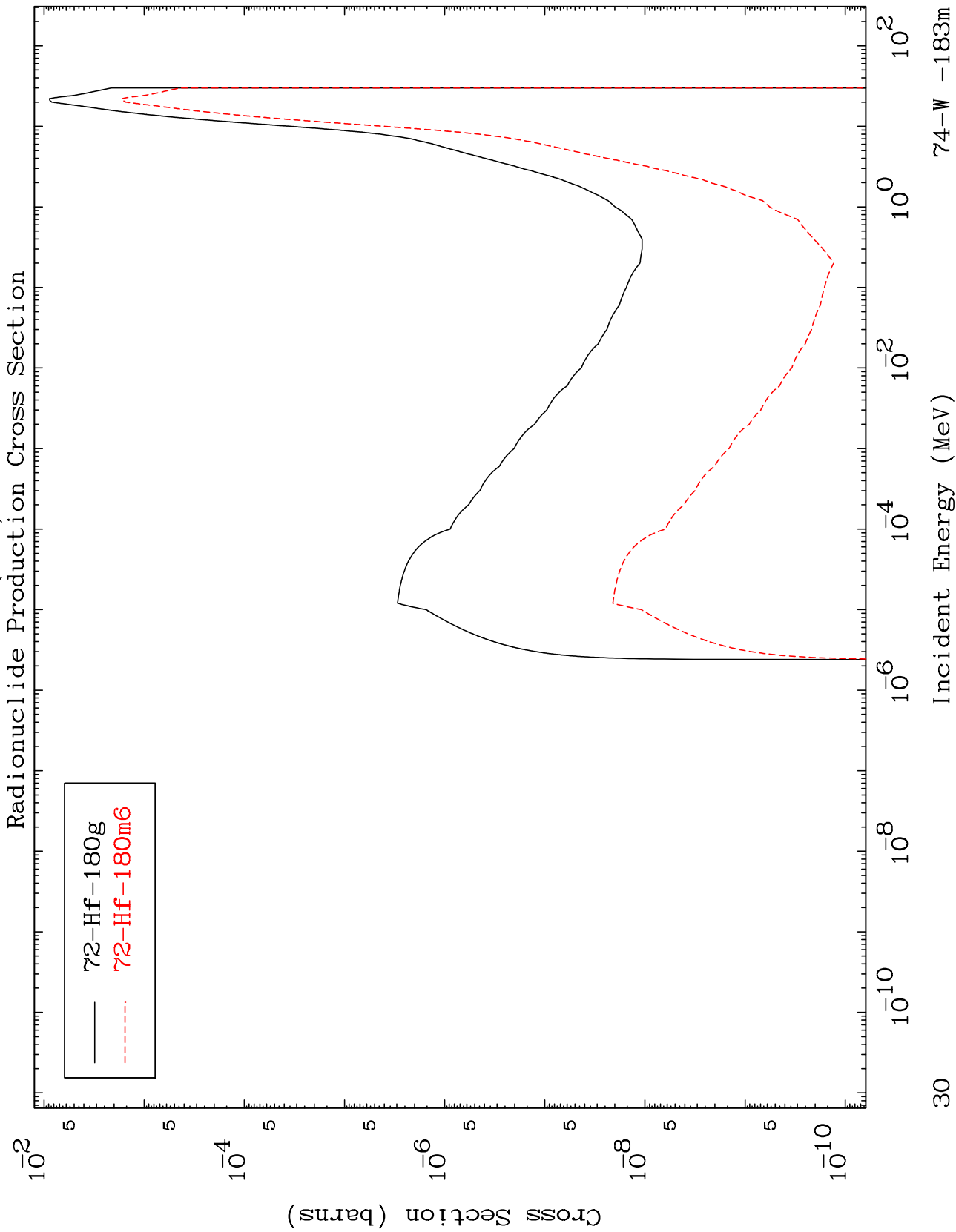
Incident Energy (MeV)

29

MAT 7435

74-W - 183m

Radionuclide Production Cross Section

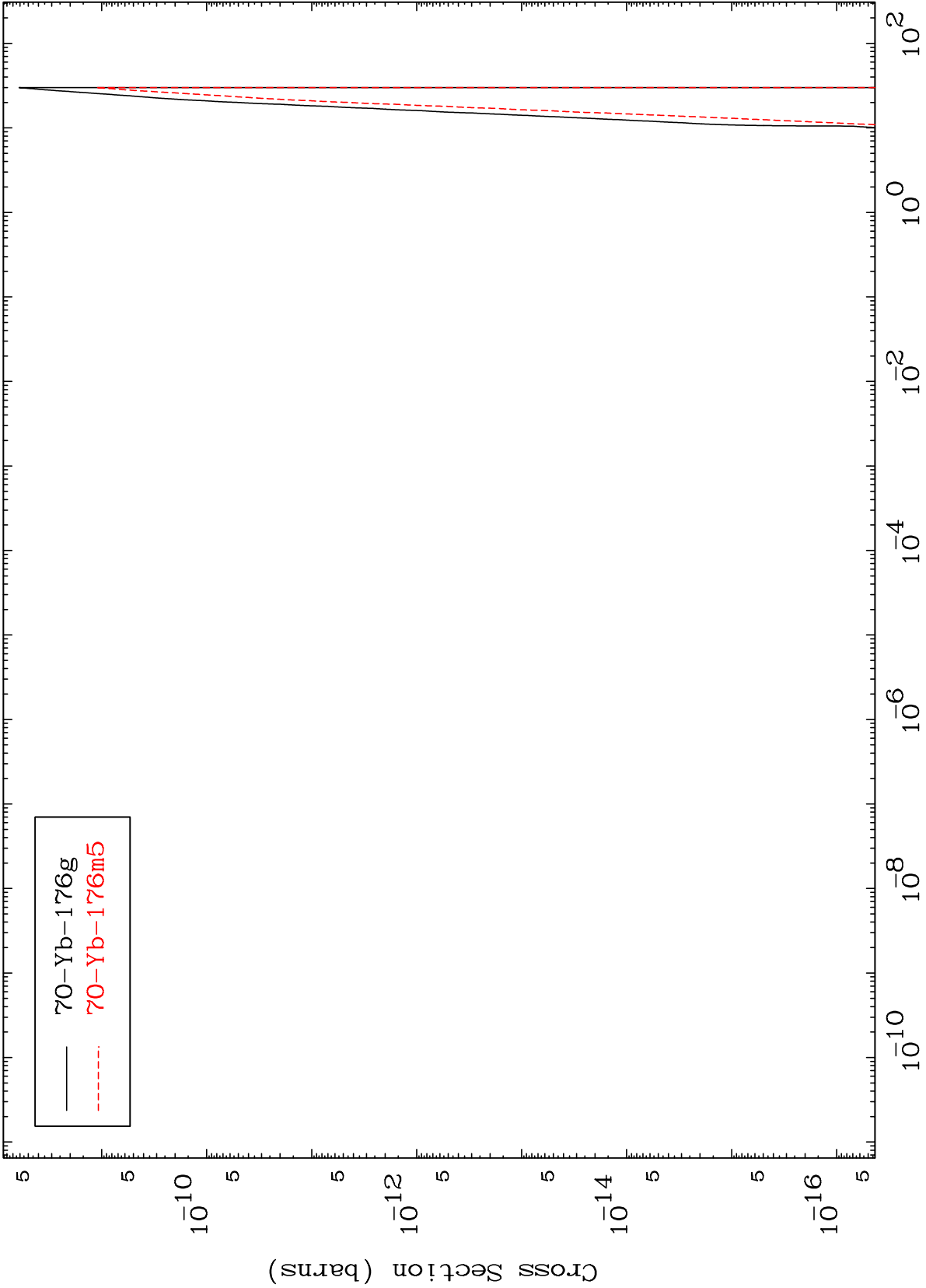


MAT 7435

(n,2α)

74-W -183m

Radionuclide Production Cross Section

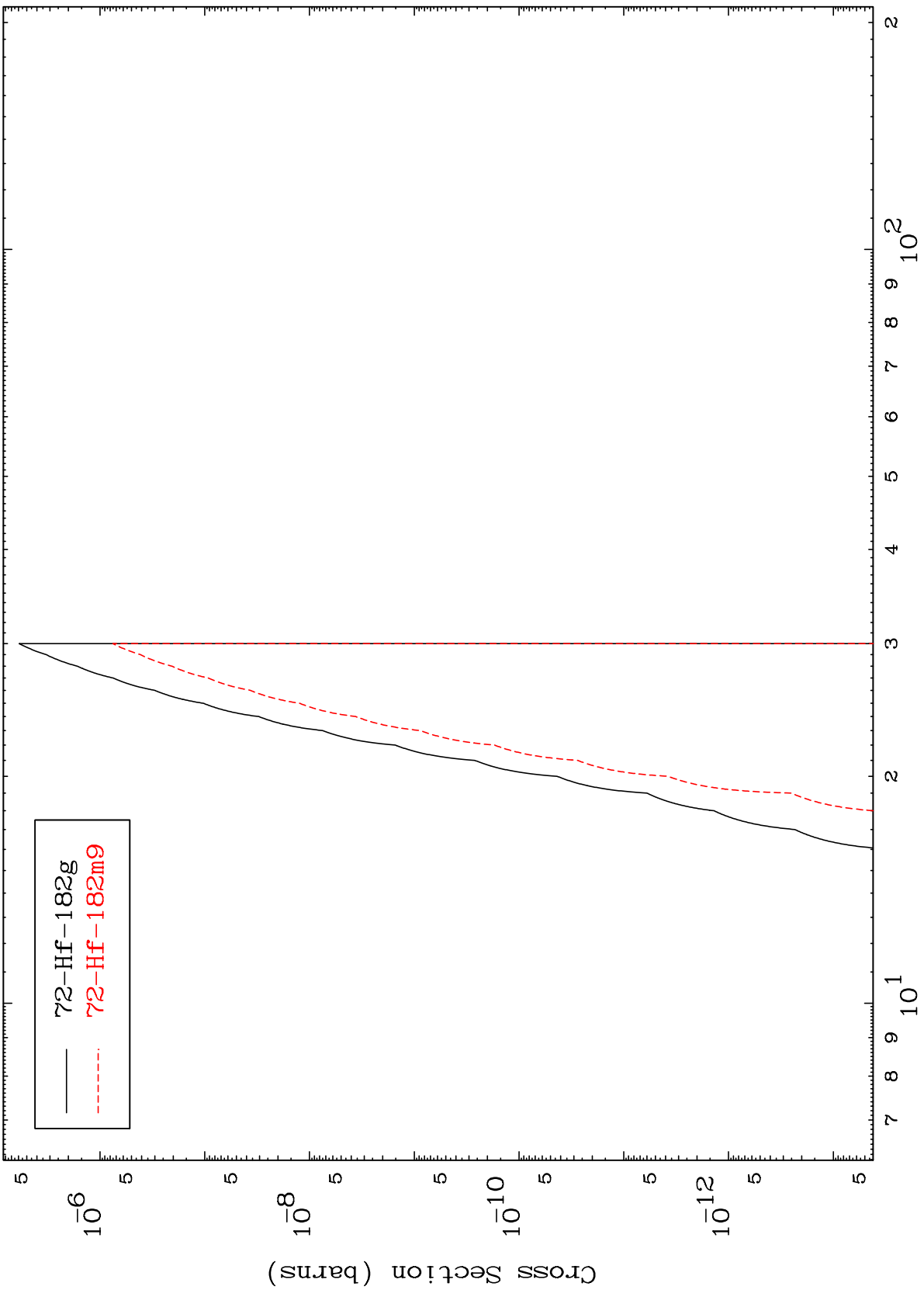


—  $^{70}\text{Yb-176g}$   
- - -  $^{70}\text{Yb-176m5}$

MAT 7435

74-W -183m

(n,2p)  
Radionuclide Production Cross Section



— 72-Hf-182g  
- - - 72-Hf-182m9

74-W -183m

Incident Energy (MeV)

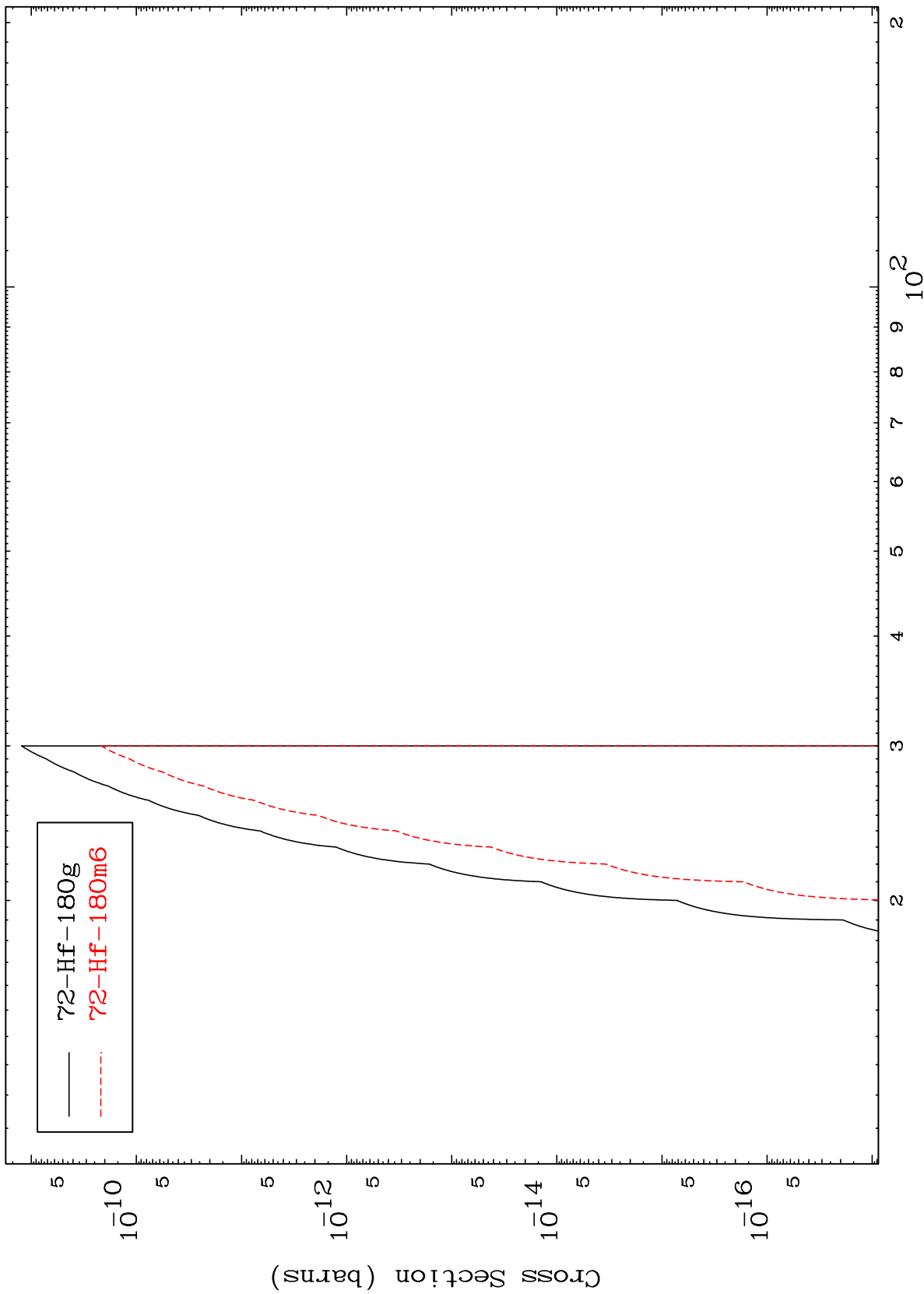
32

MAT 7435

(n,p) t

74-W -183m

Radionuclide Production Cross Section



Incident Energy (MeV)

74-W -183m