

Program EVALPLOT  
(Version 2021-1)

by

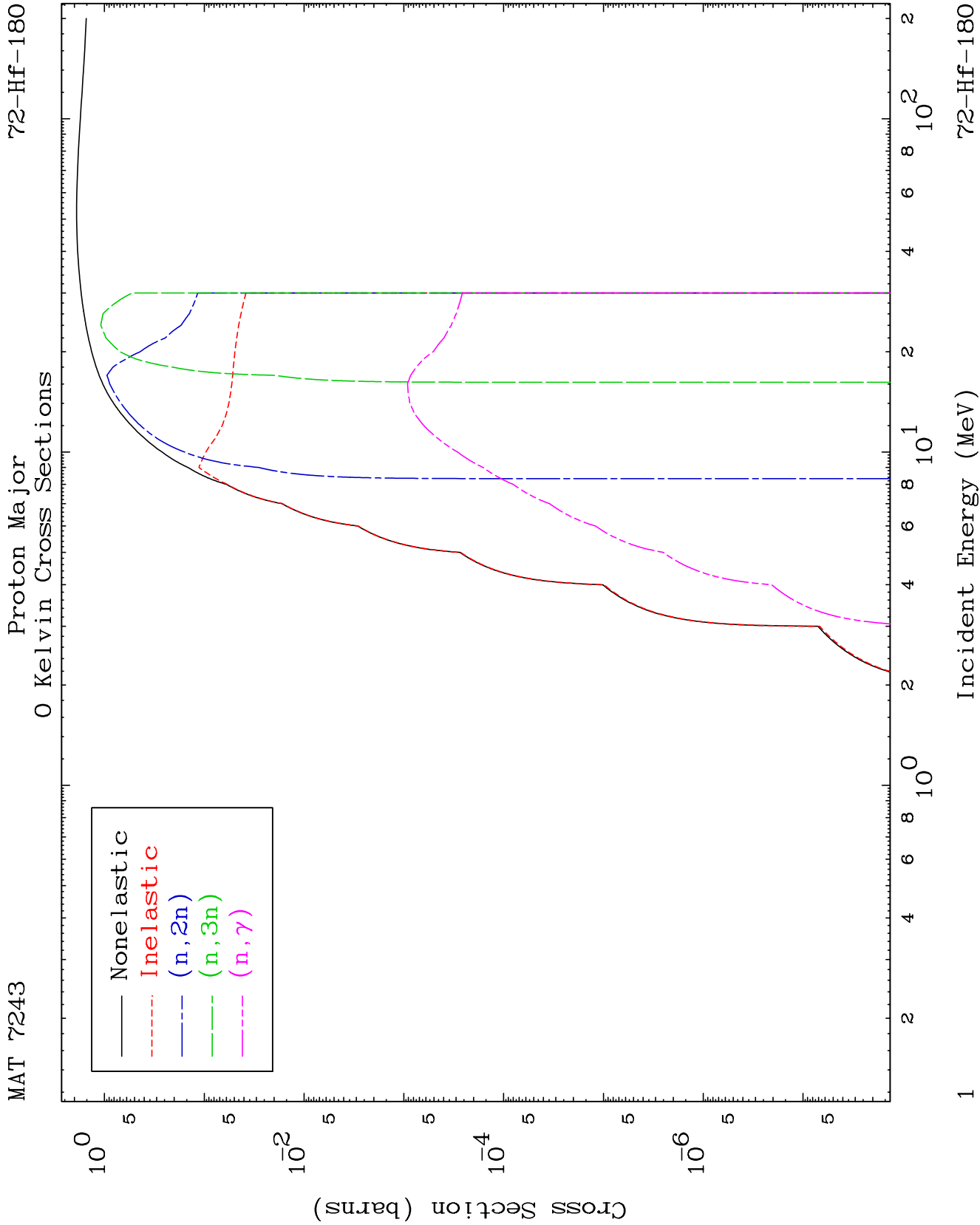
Dermott E. Cullen  
(Present Contact Information)

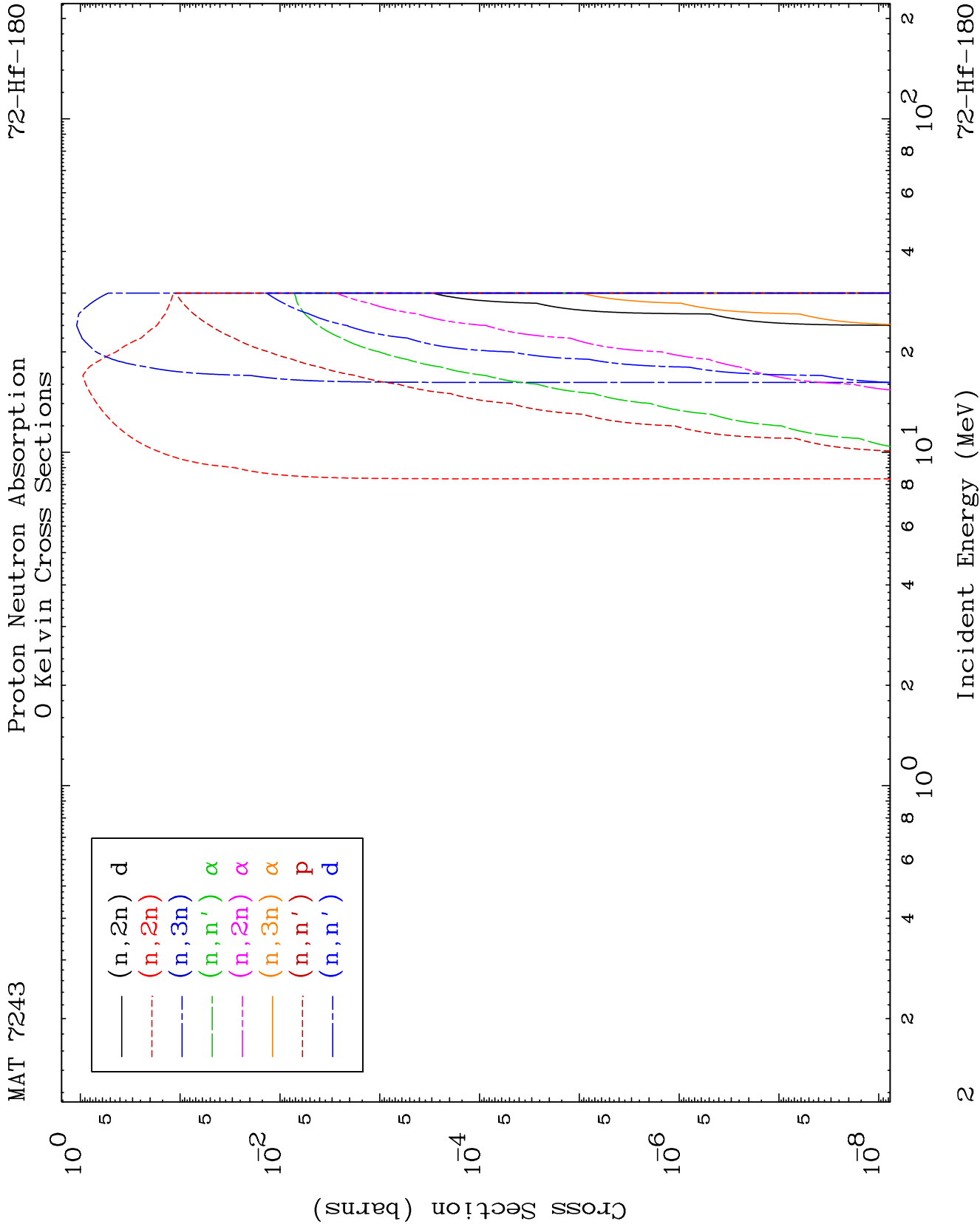
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

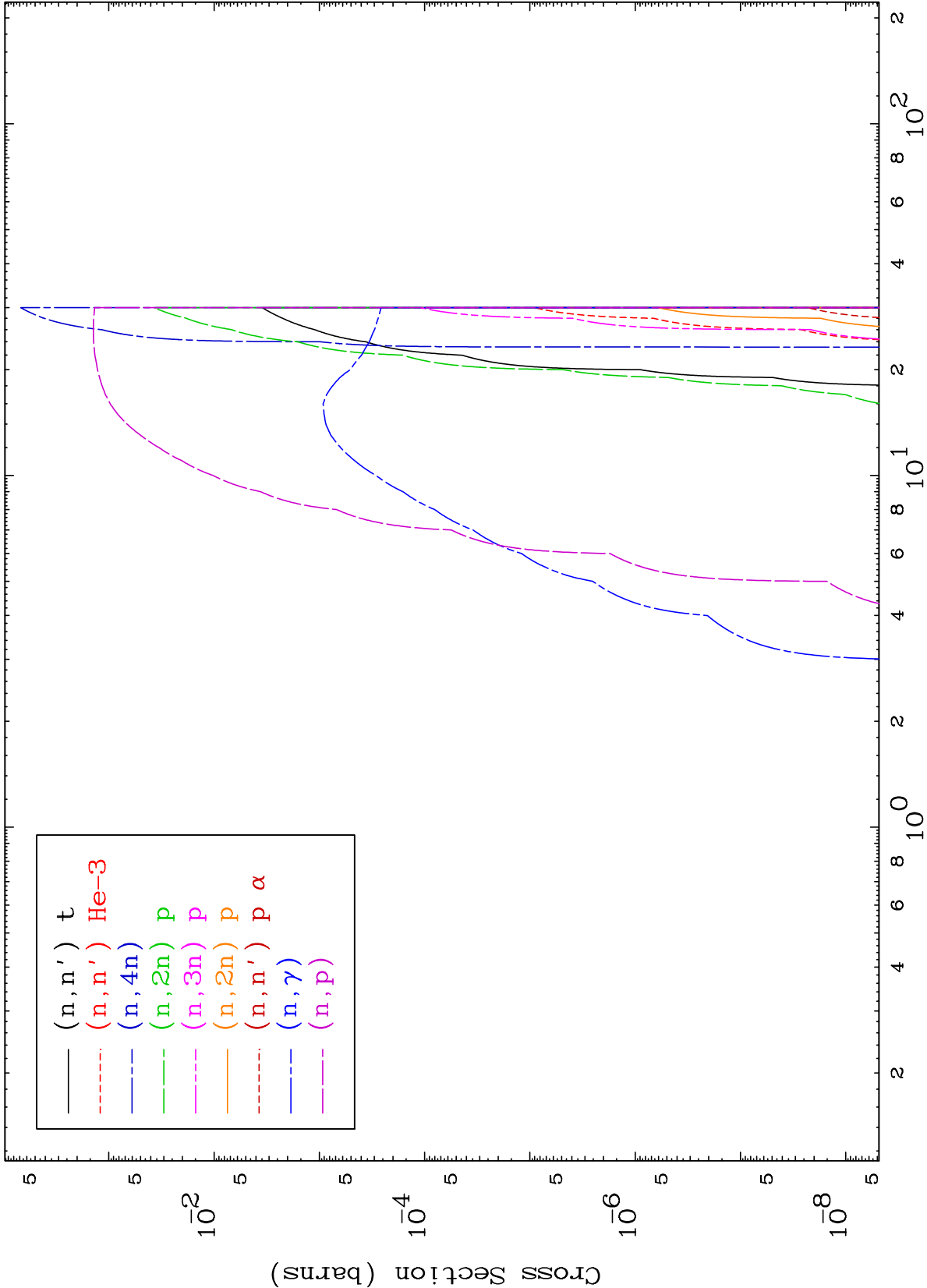
Tele: 925-443-1911

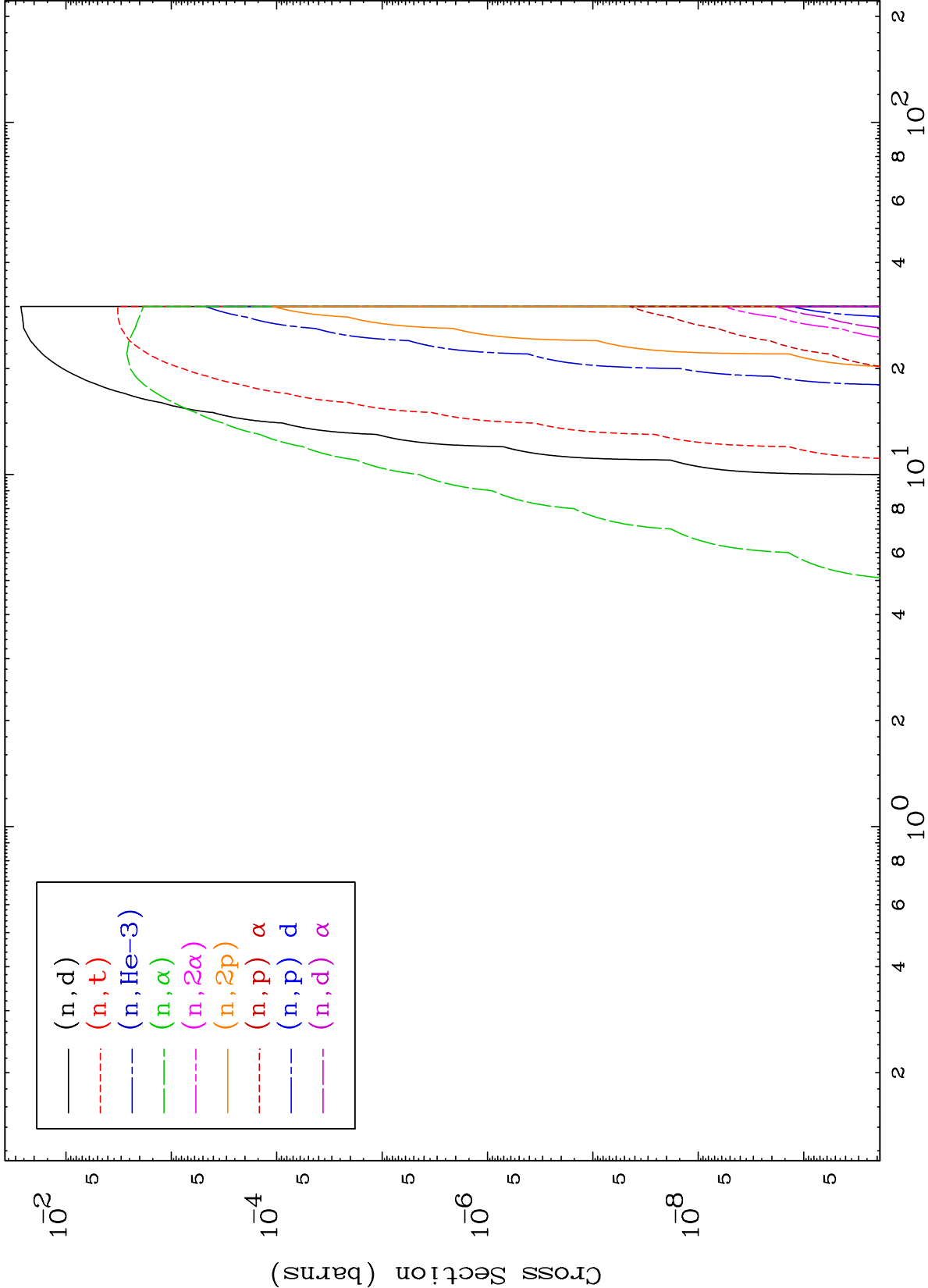
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

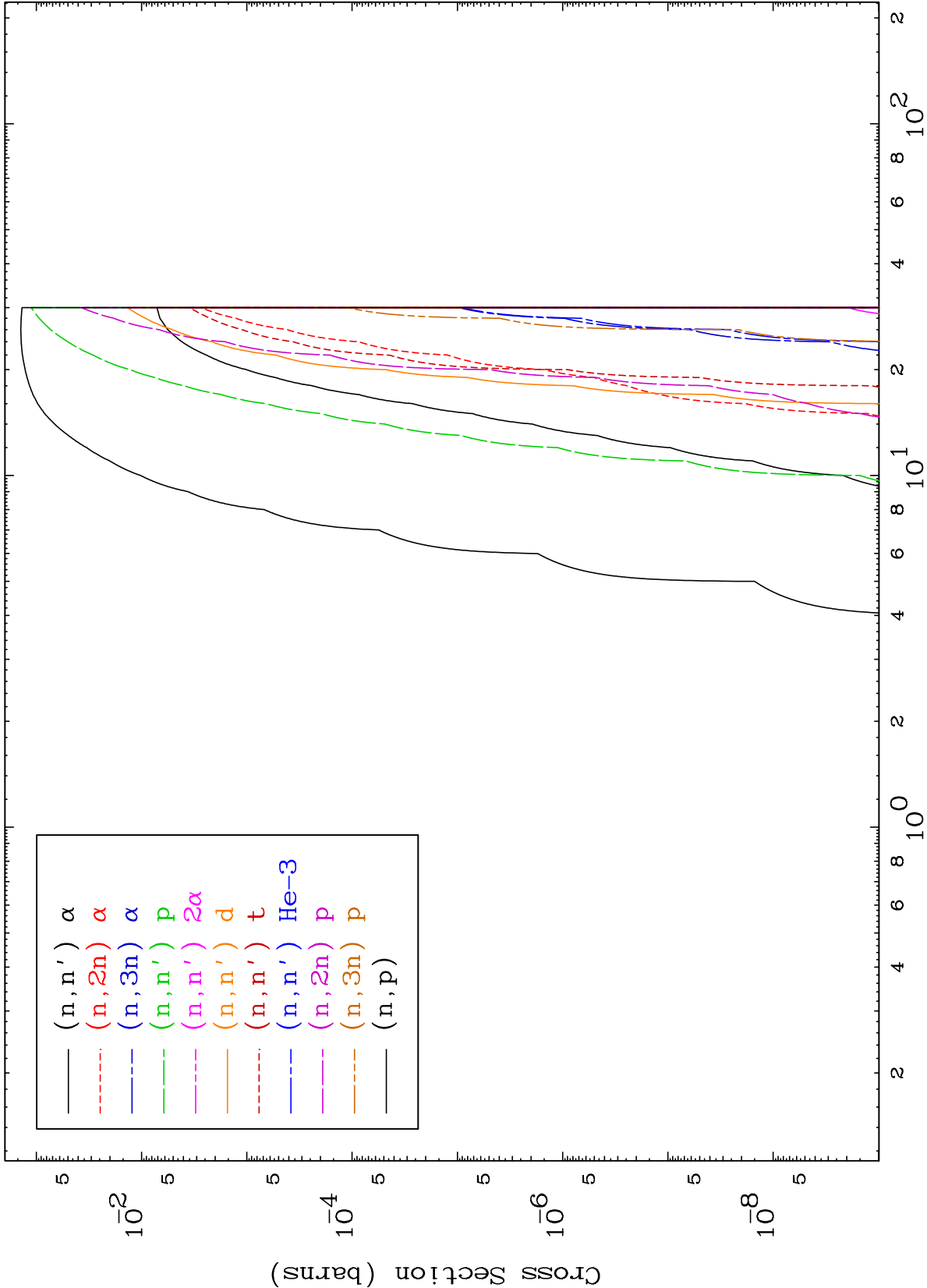
Press Mouse Button to Start

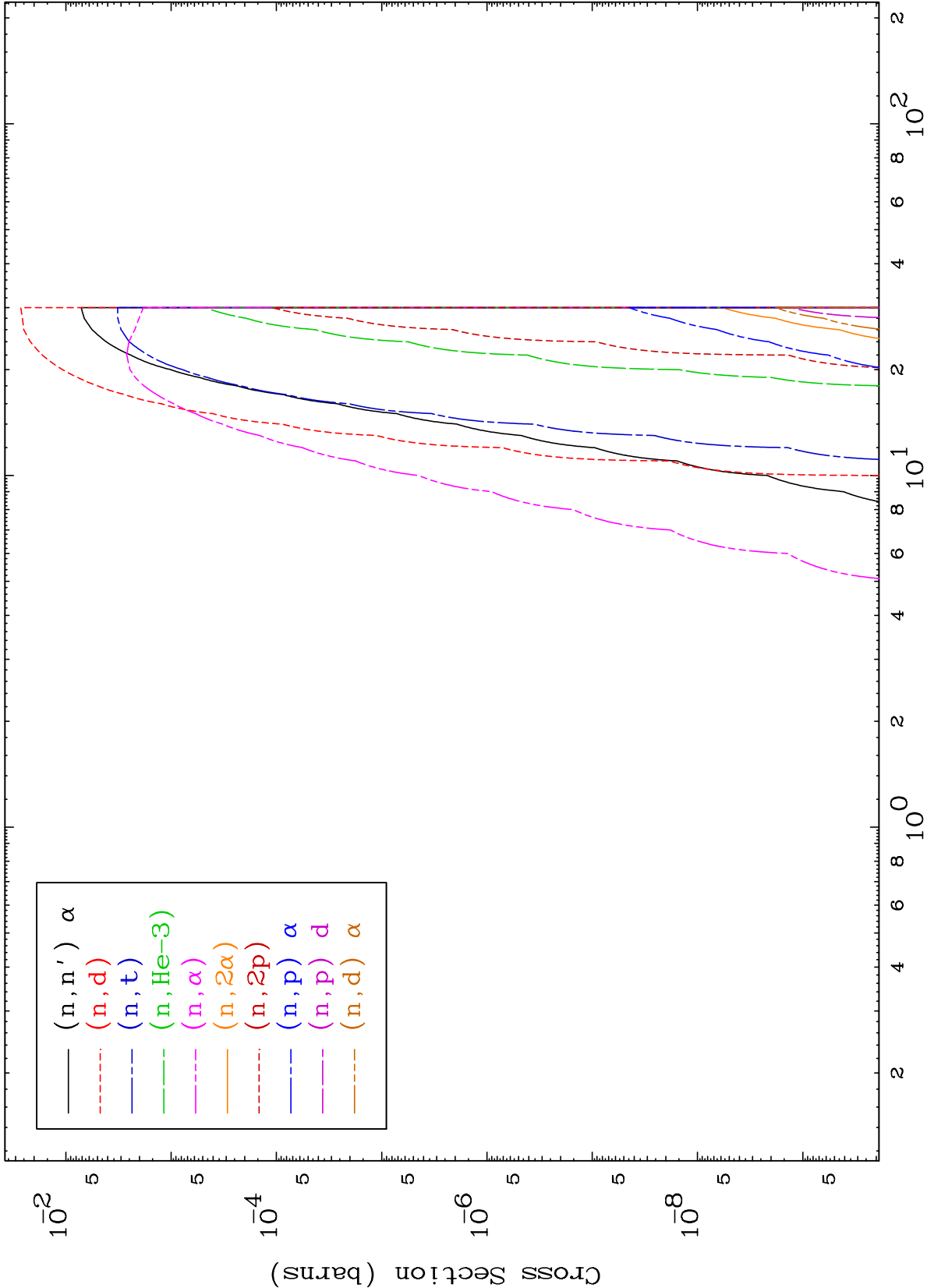








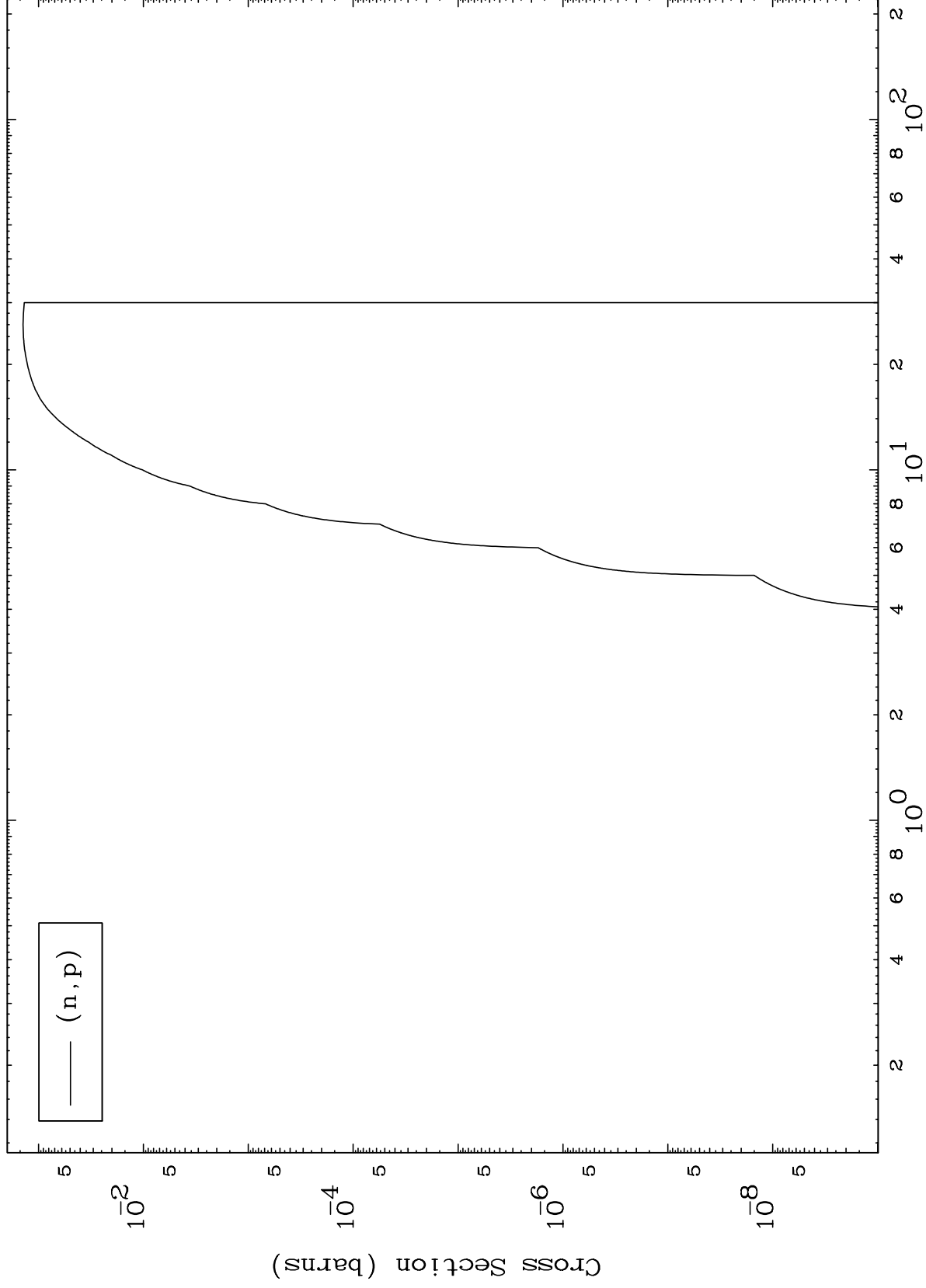




MAT 7243

72-Hf-180

(p,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

72-Hf-180

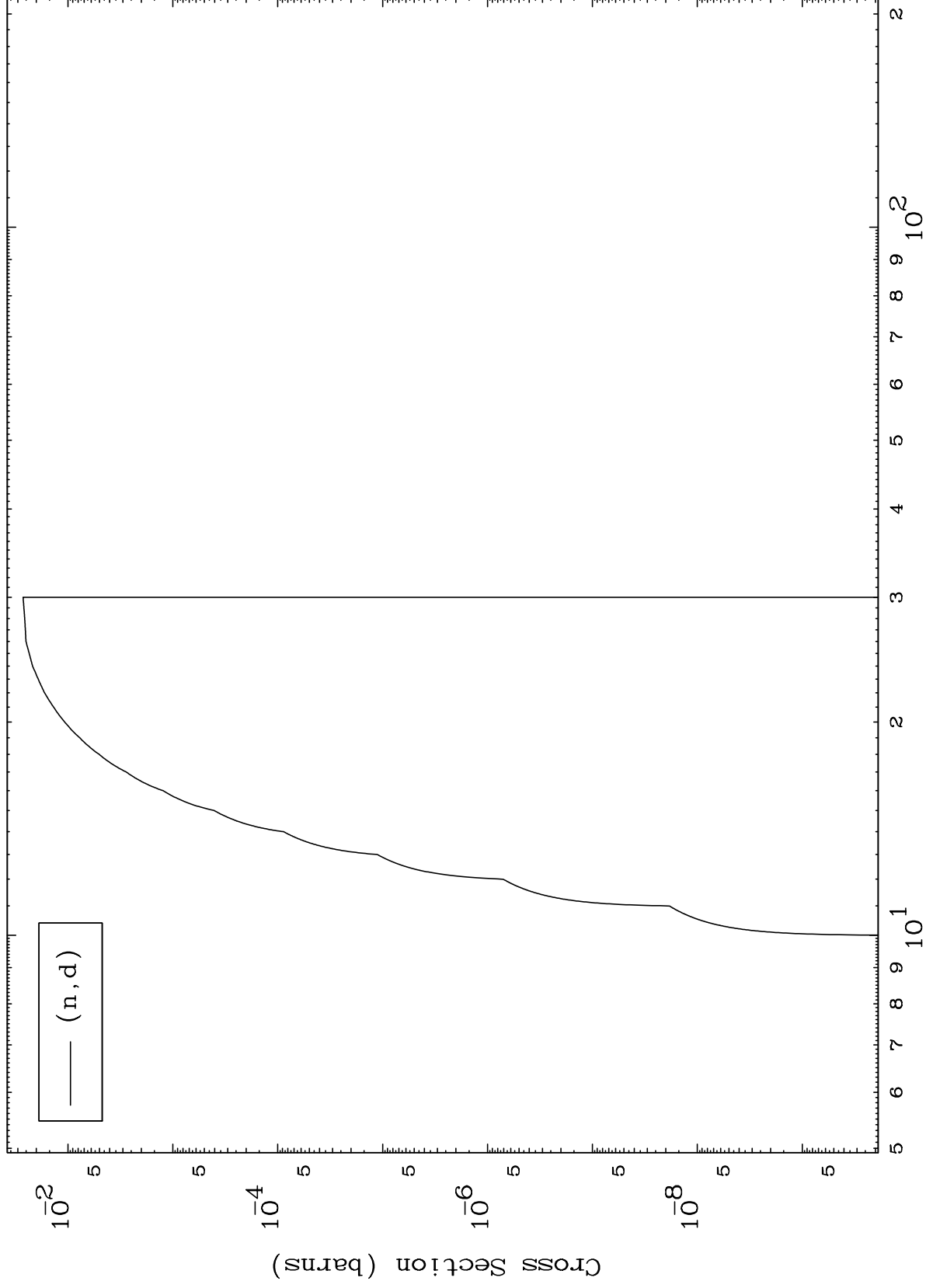


MAT 7243

(p,d) Levels

72-Hf-180

0 Kelvin Cross Sections



8

Incident Energy (MeV)

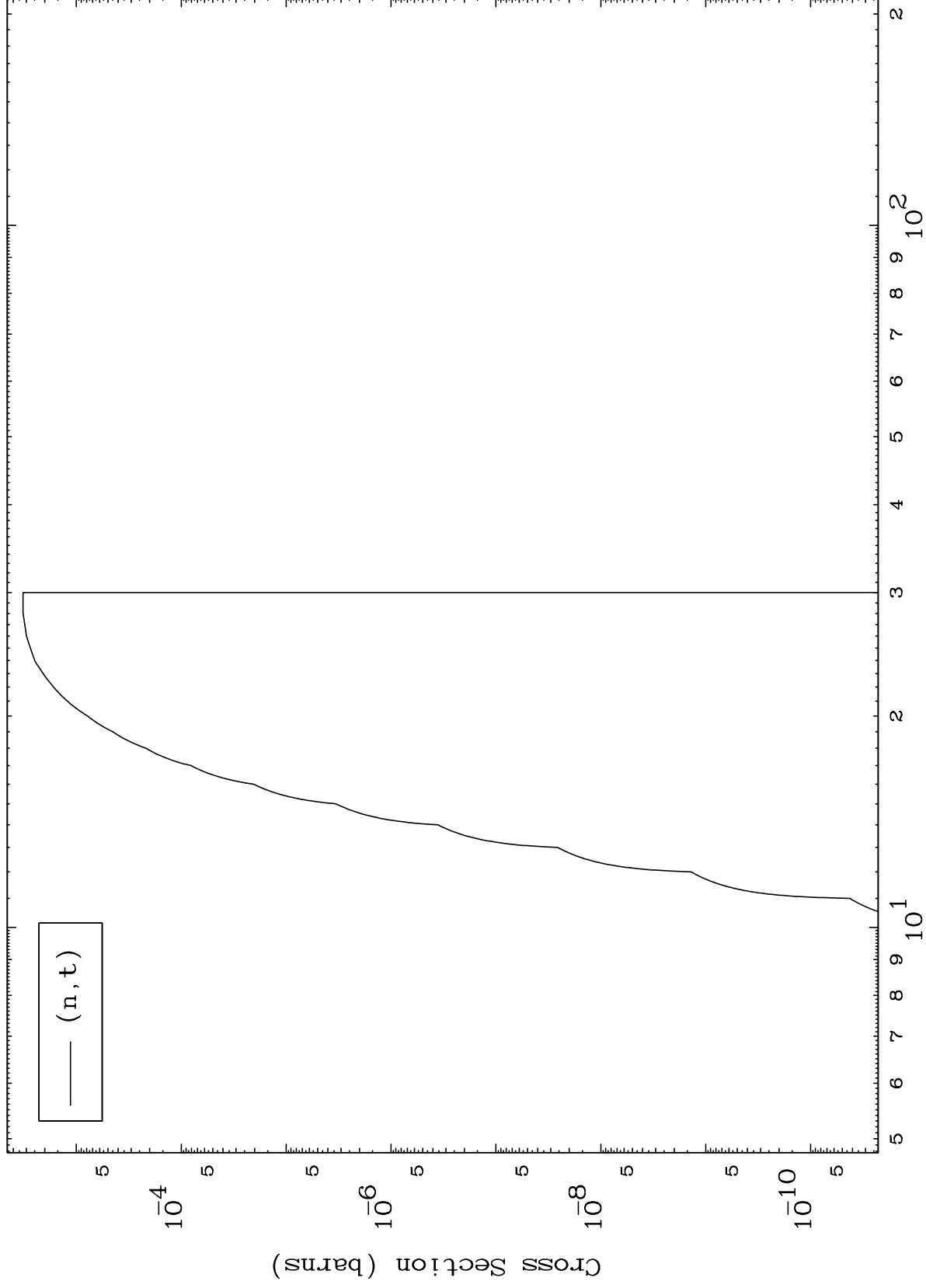
72-Hf-180

MAT 7243

(p,t) Levels

72-Hf-180

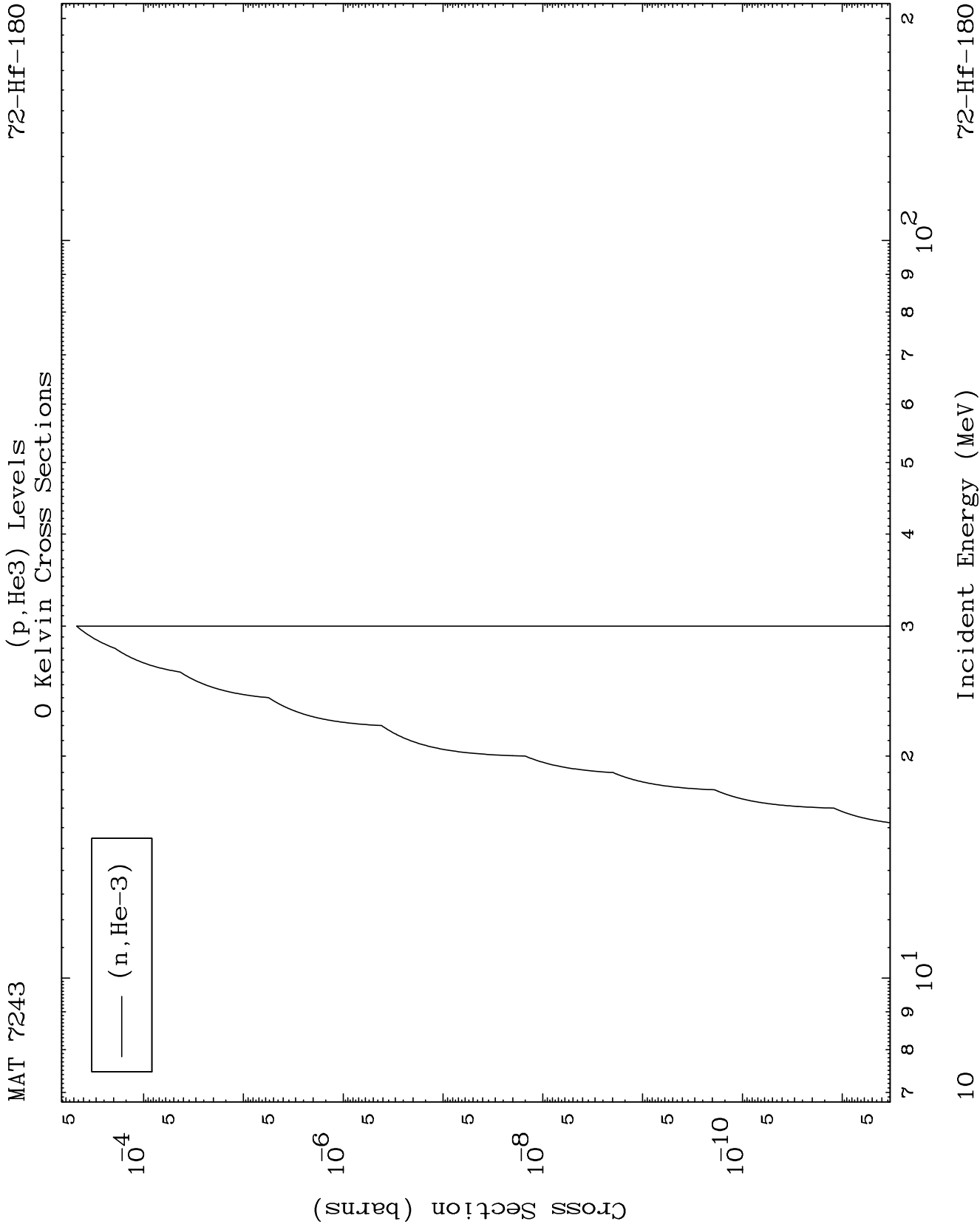
0 Kelvin Cross Sections



9

Incident Energy (MeV)

72-Hf-180

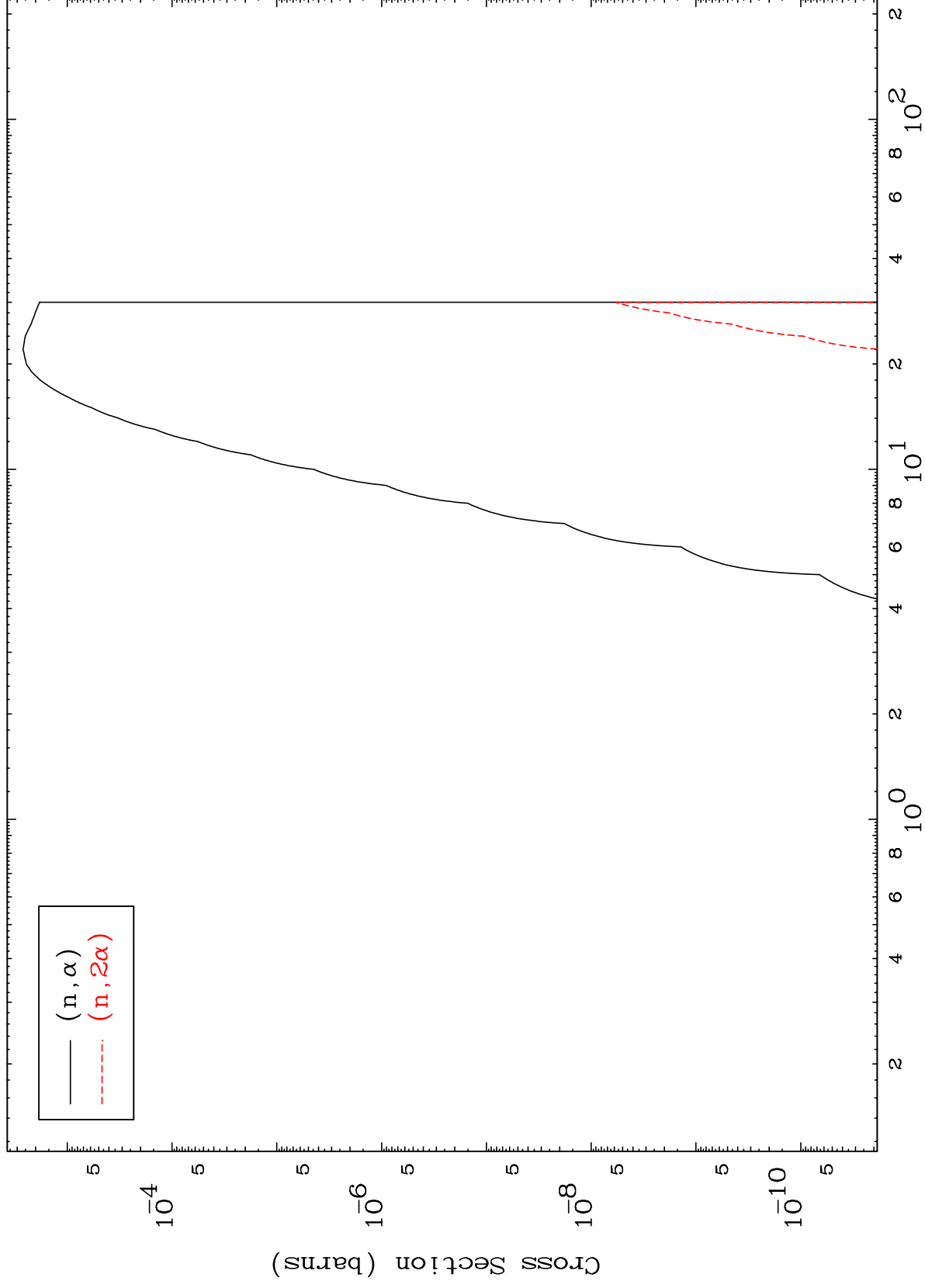


MAT 7243

(p,  $\alpha$ ) Levels

72-Hf-180

0 Kelvin Cross Sections



11

Incident Energy (MeV)

72-Hf-180

MAT 7243

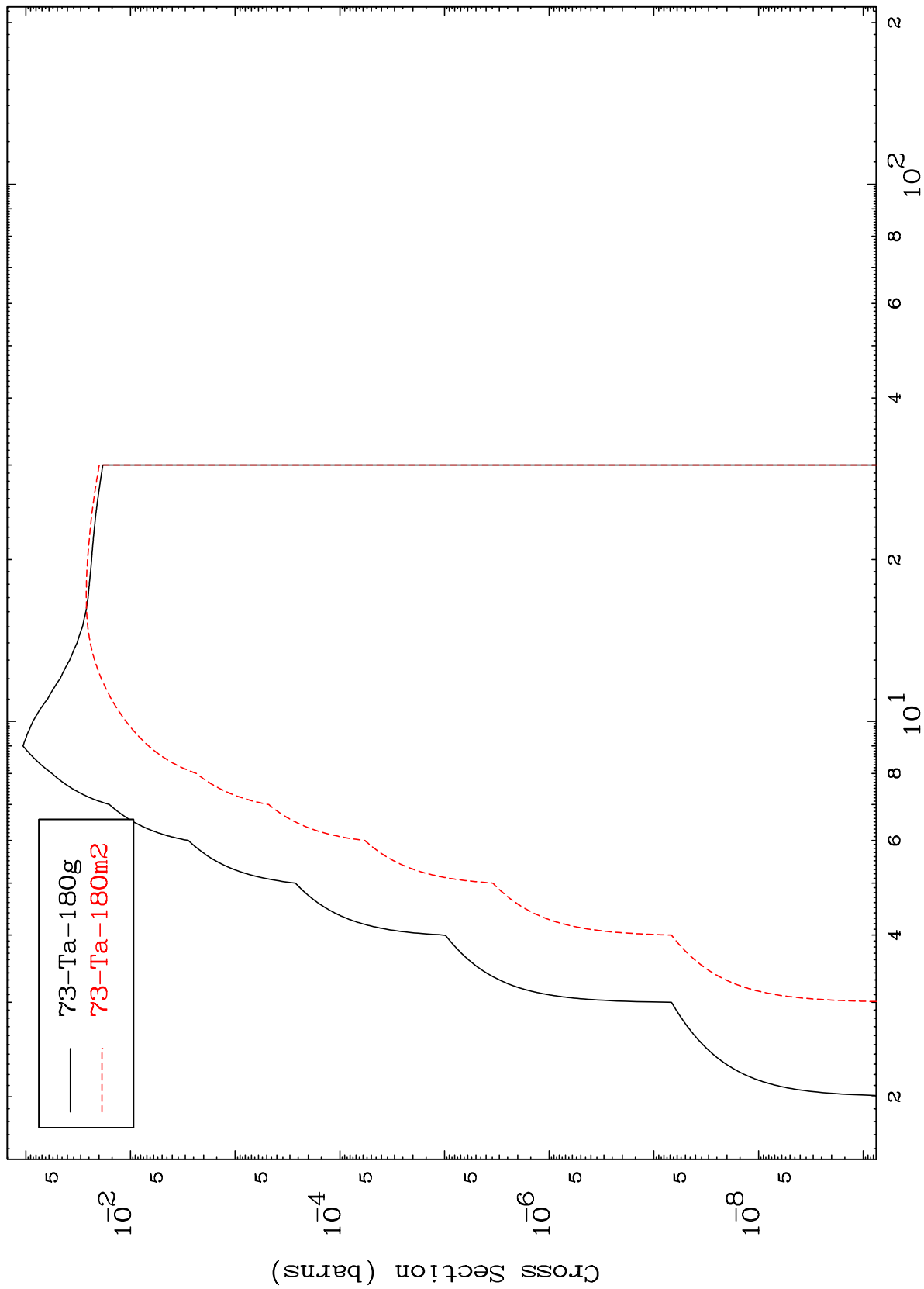
72-Hf-180

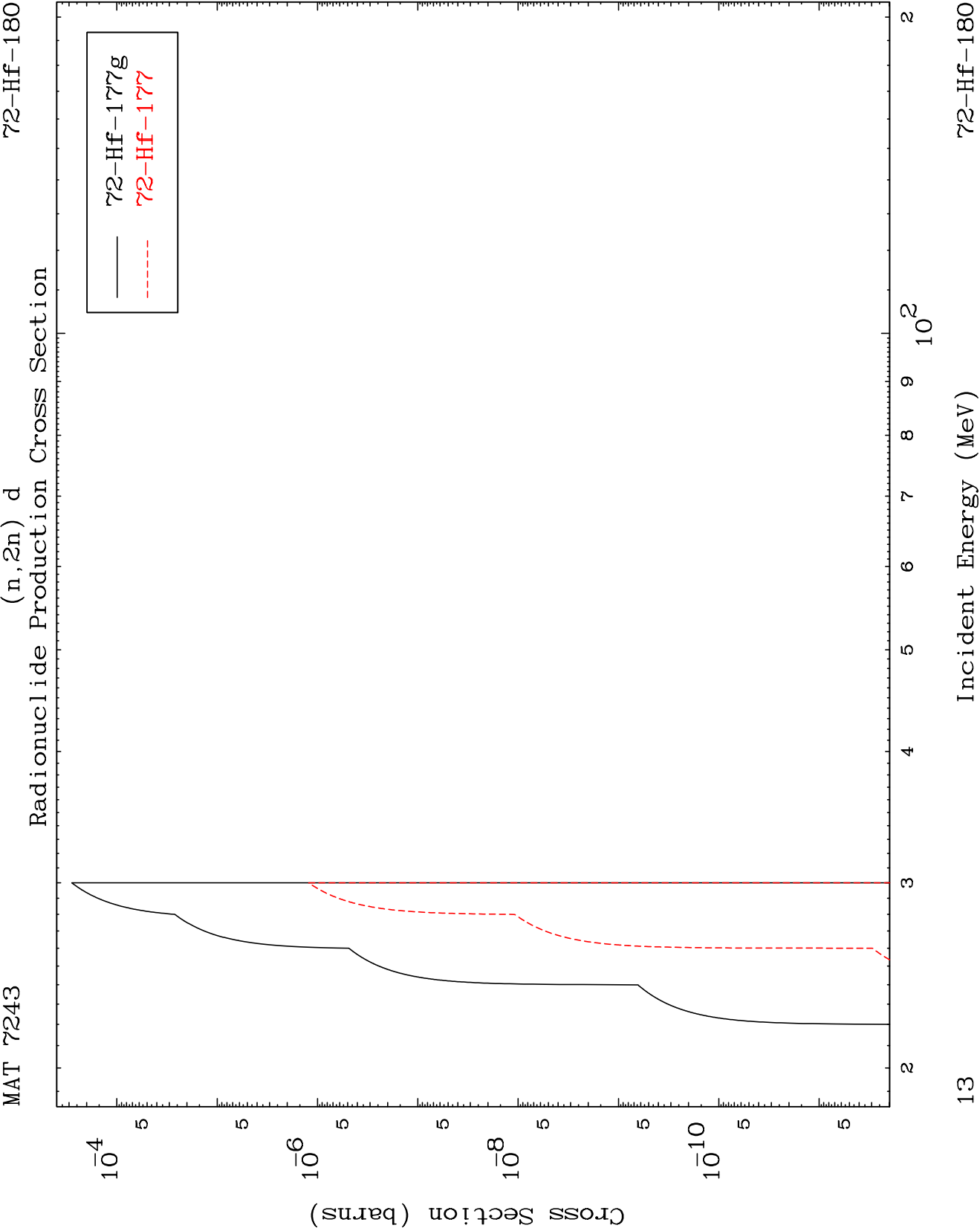
Radionuclide Production Cross Section

12

72-Hf-180

Incident Energy (MeV)



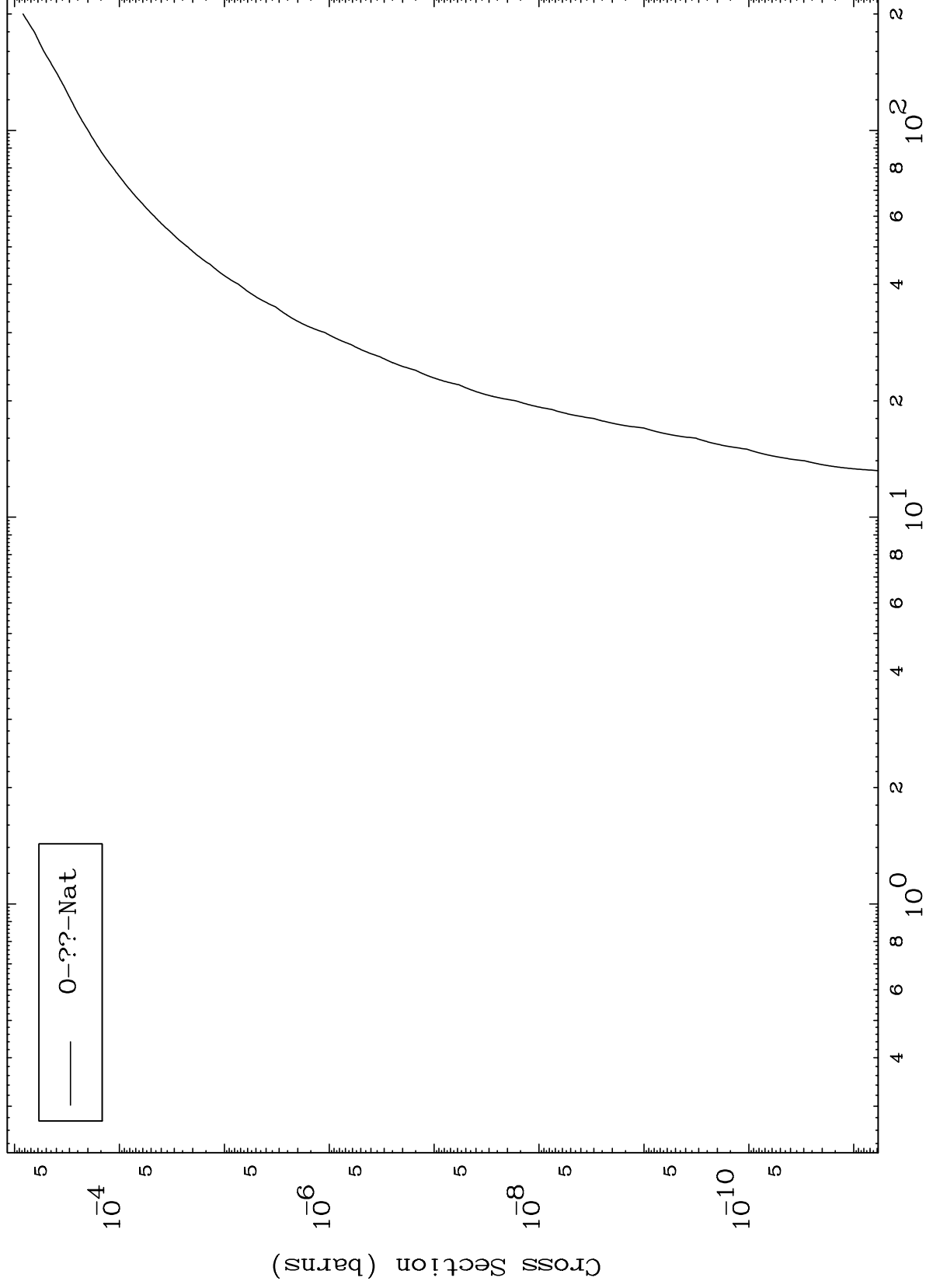


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Fission

<sup>72</sup>Hf-180

Radionuclide Production Cross Section



14

Incident Energy (MeV)

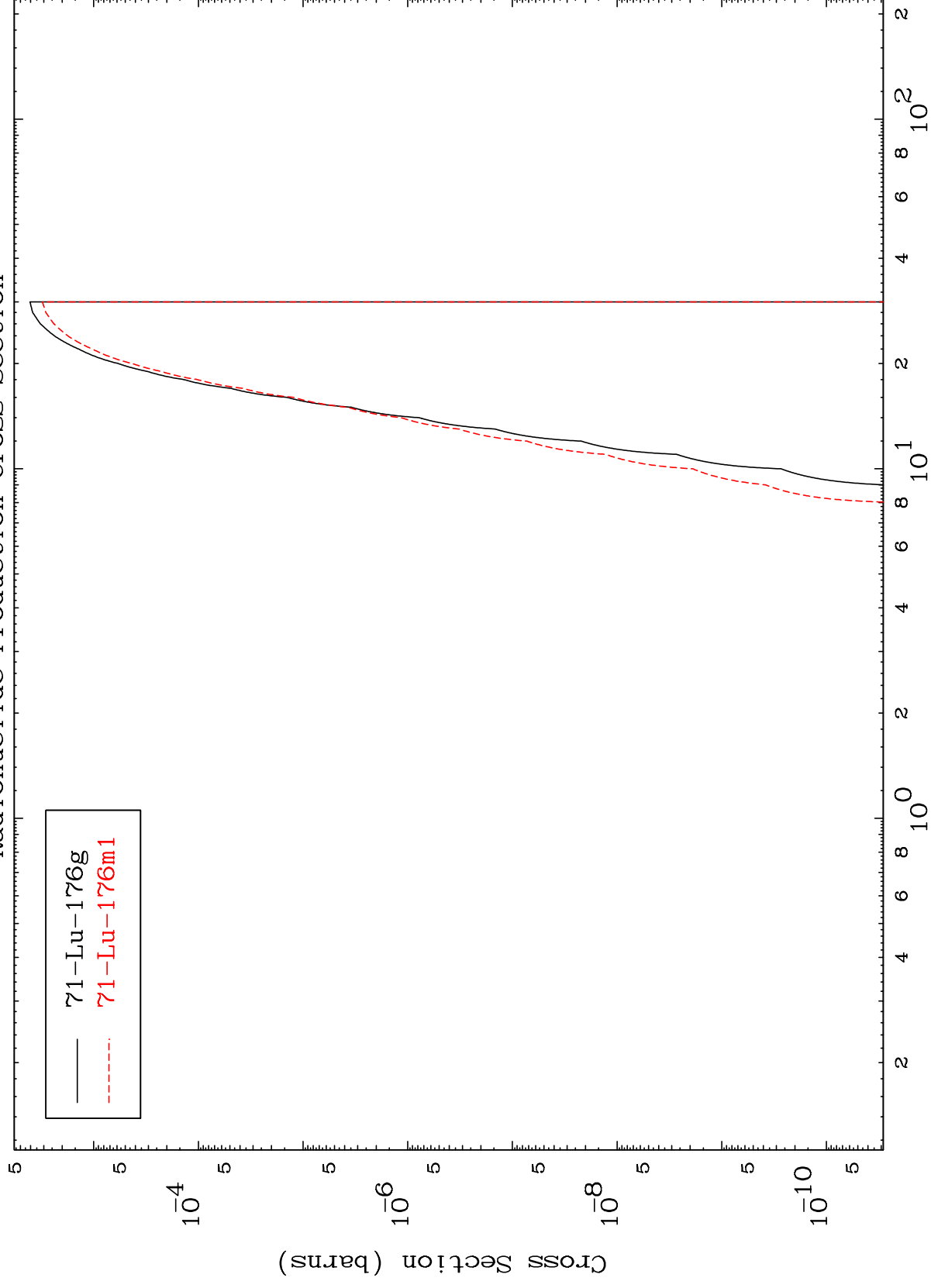
<sup>72</sup>Hf-180

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$$(n, n') \propto$$

72-Hf-180

Radionuclide Production Cross Section



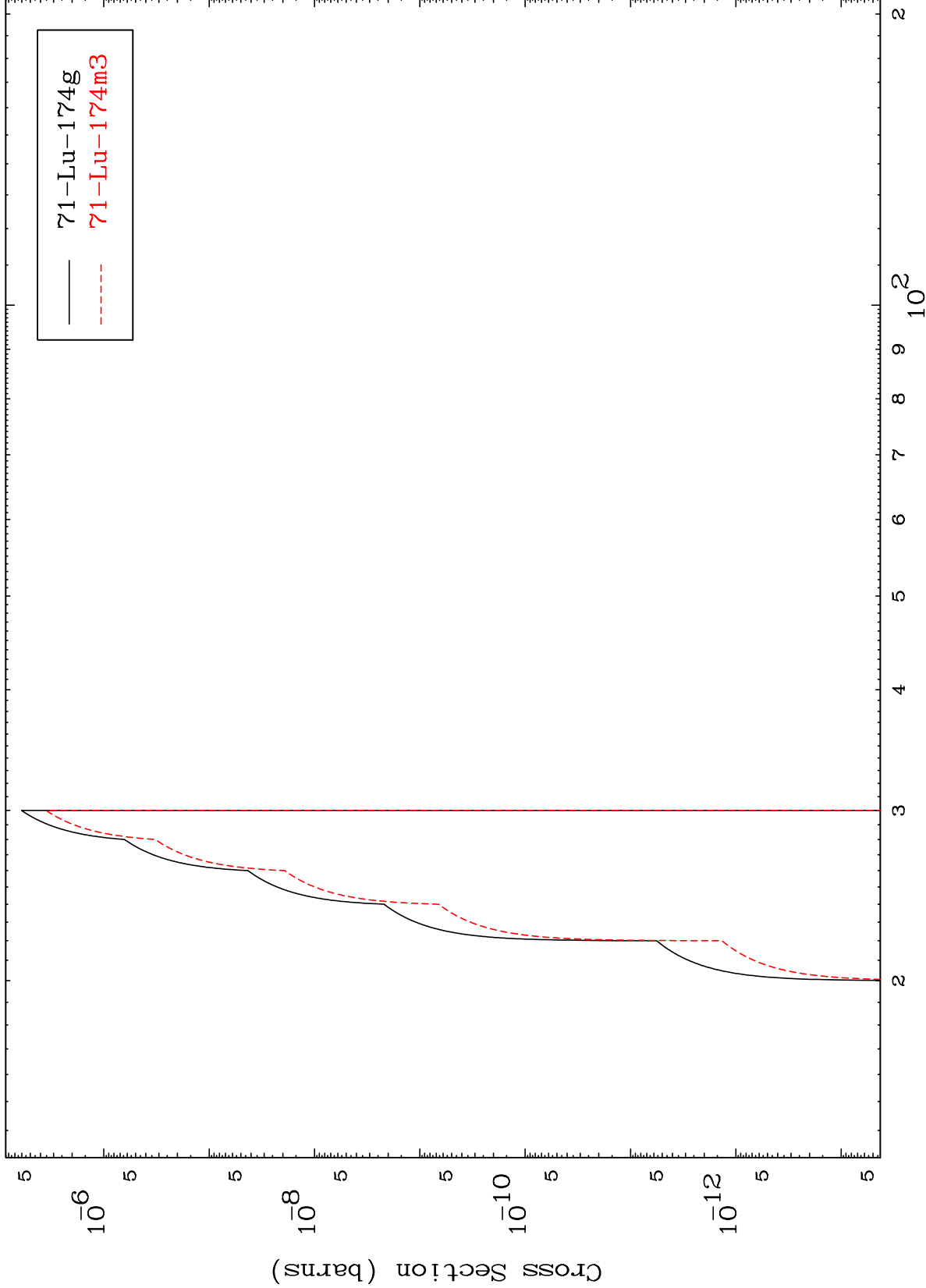
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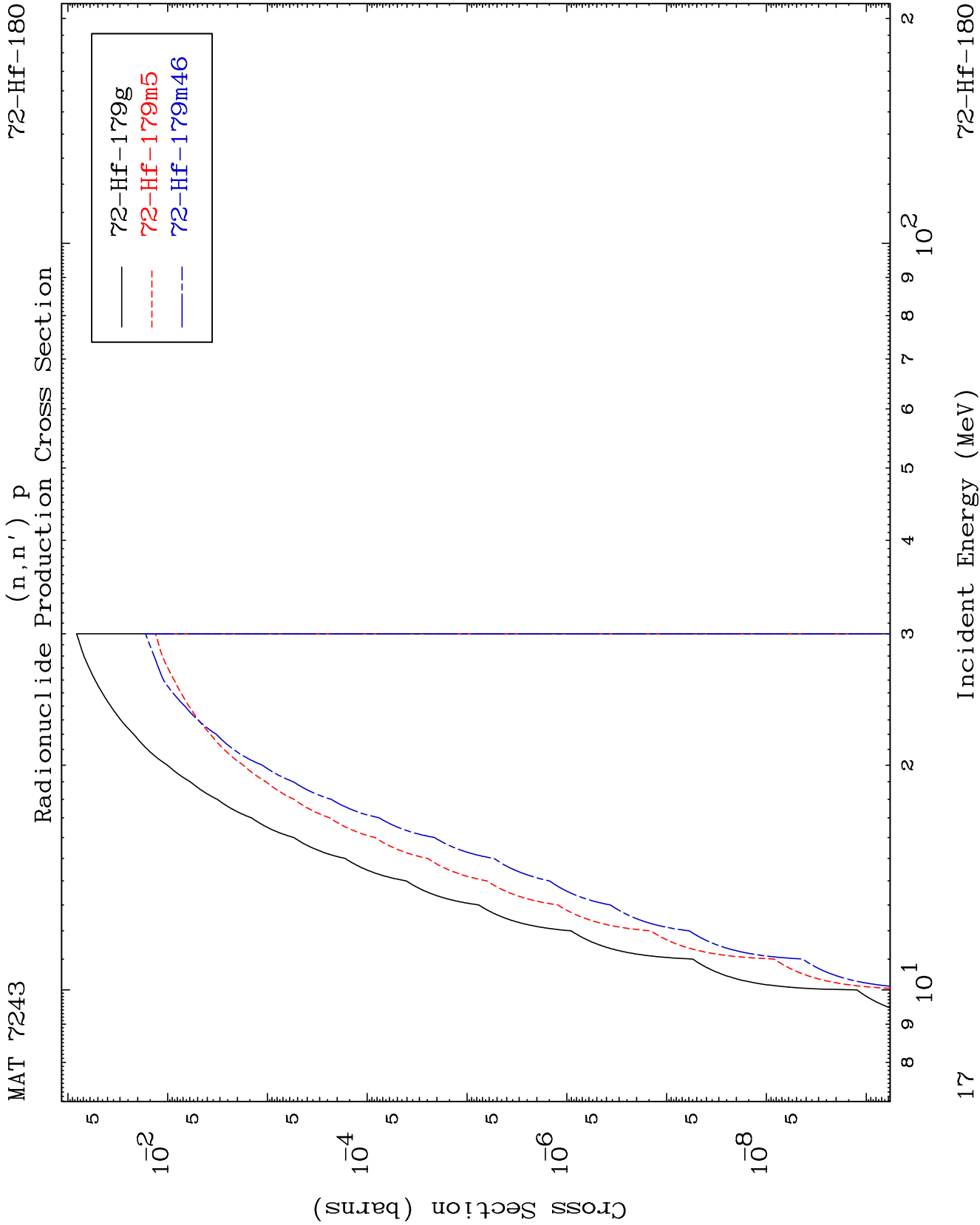
Incident Energy (MeV)

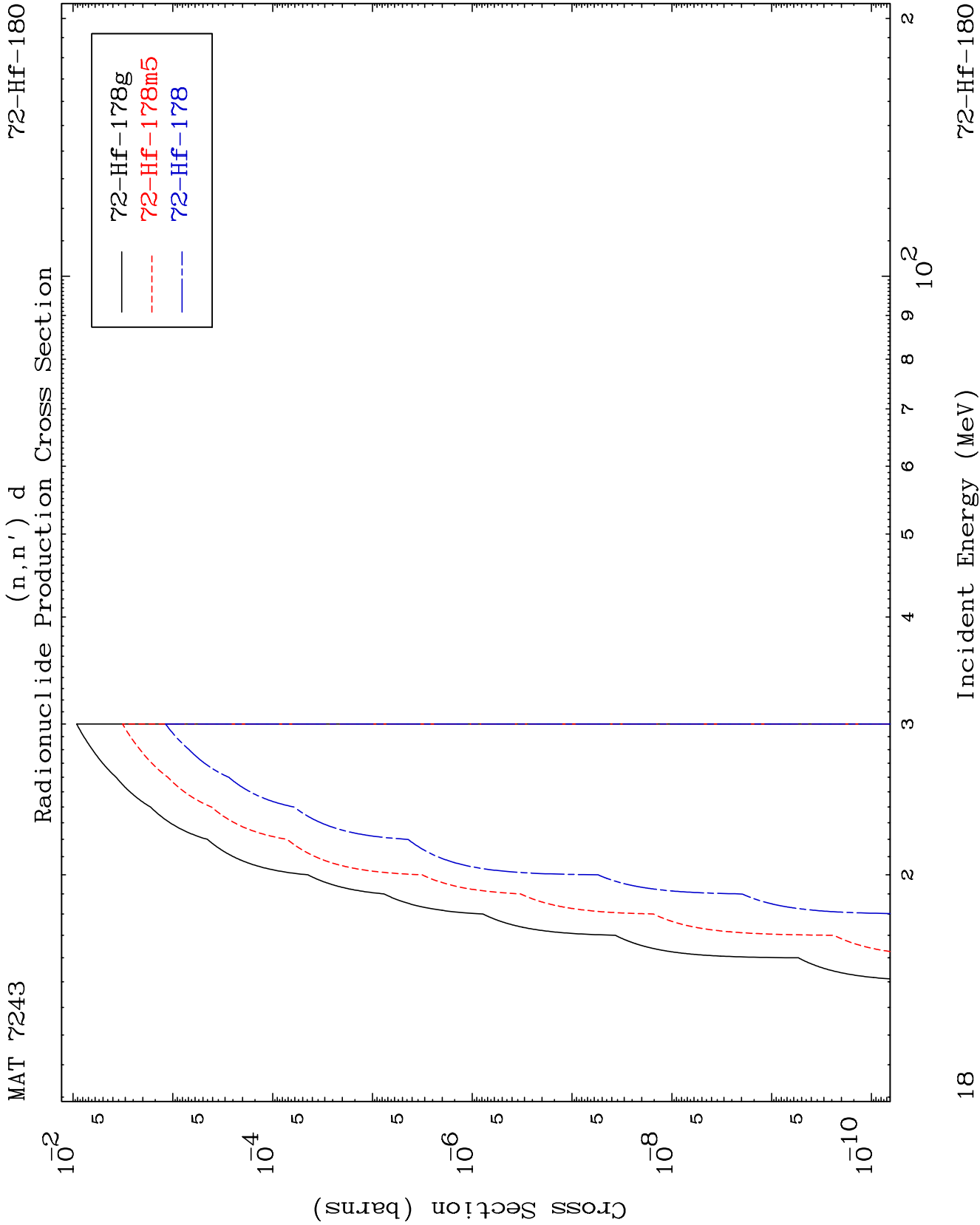
72-Hf-180



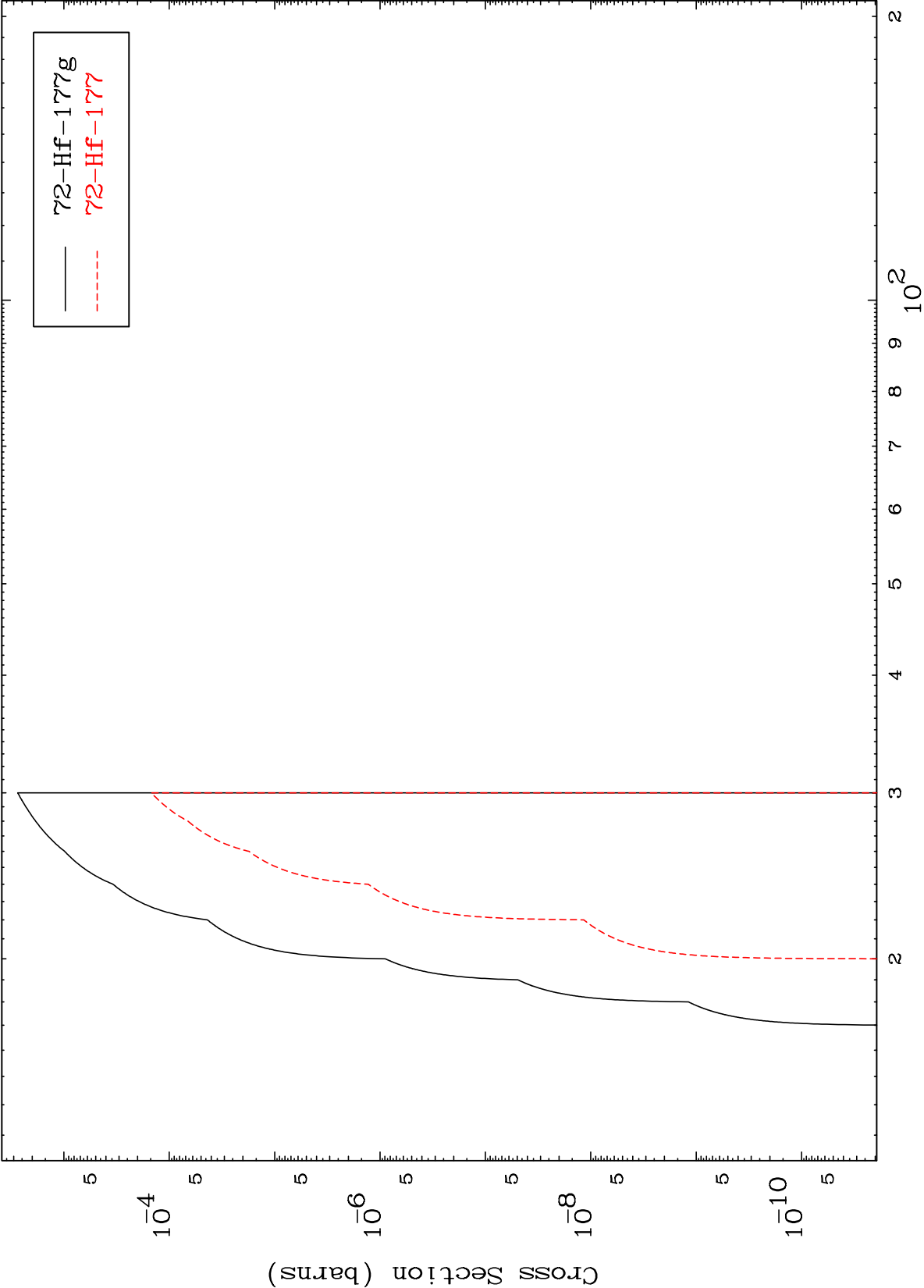
Radionuclide Production Cross Section







Radionuclide Production Cross Section

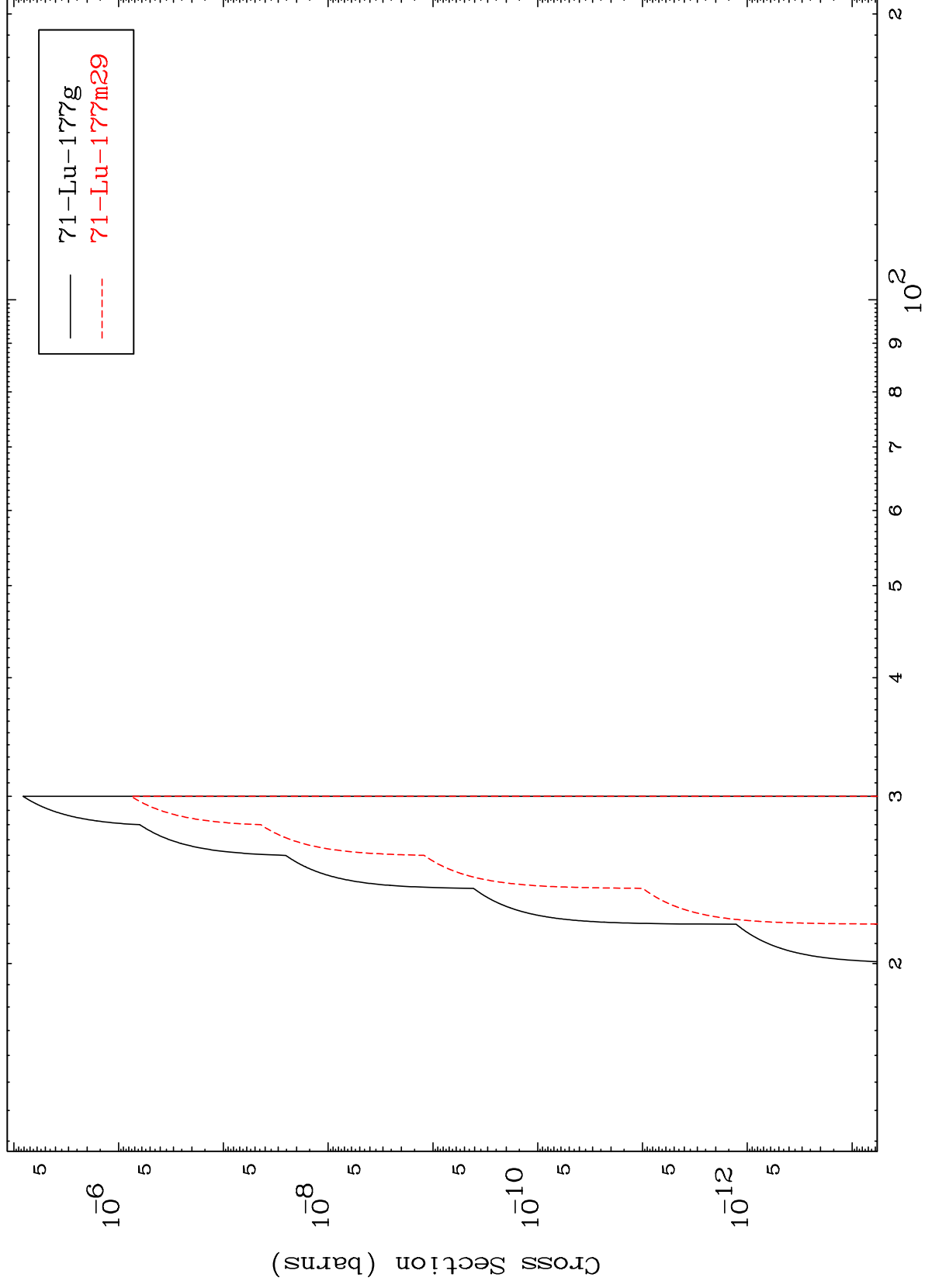


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(n,n') He-3

72-Hf-180

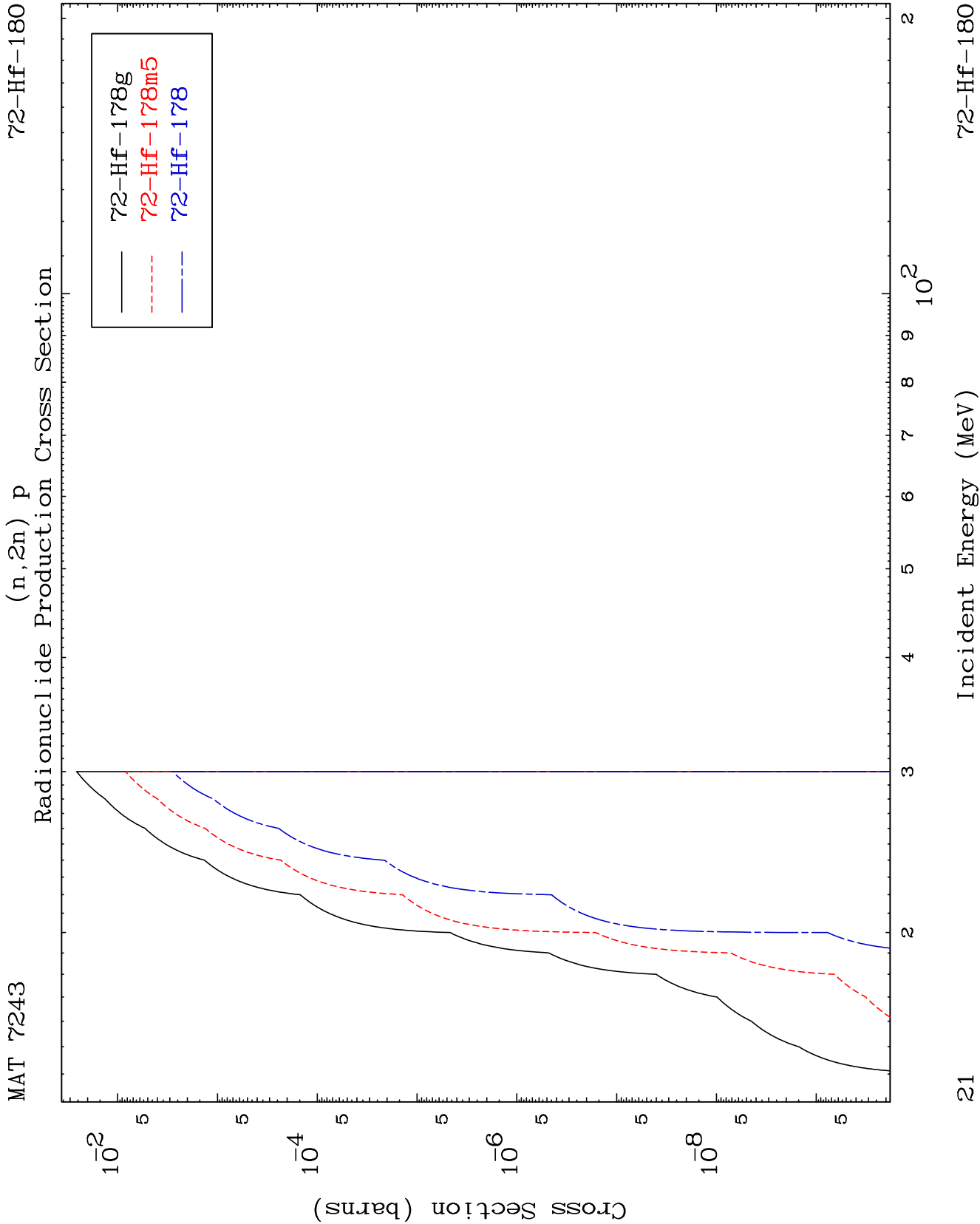
Radionuclide Production Cross Section

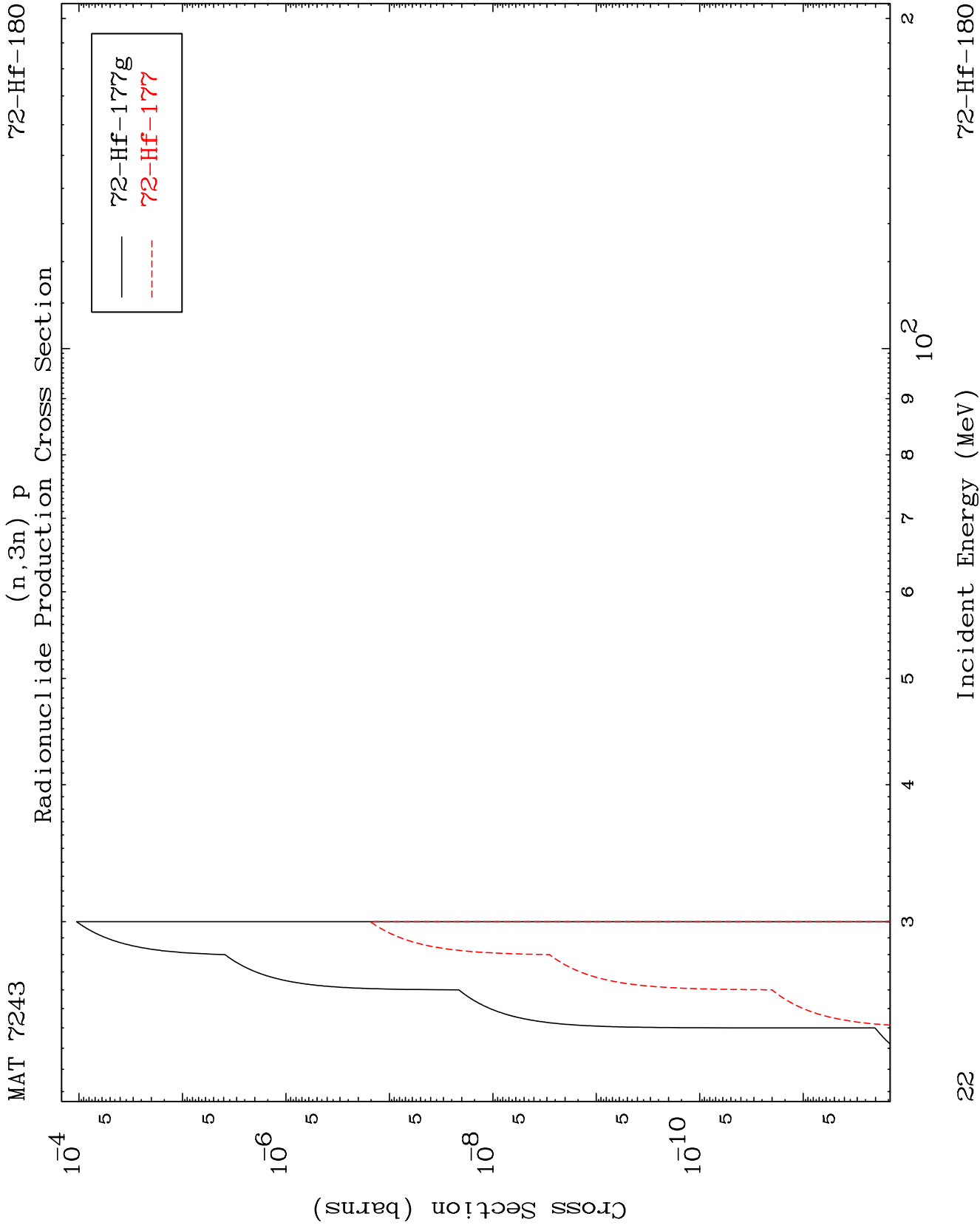


20

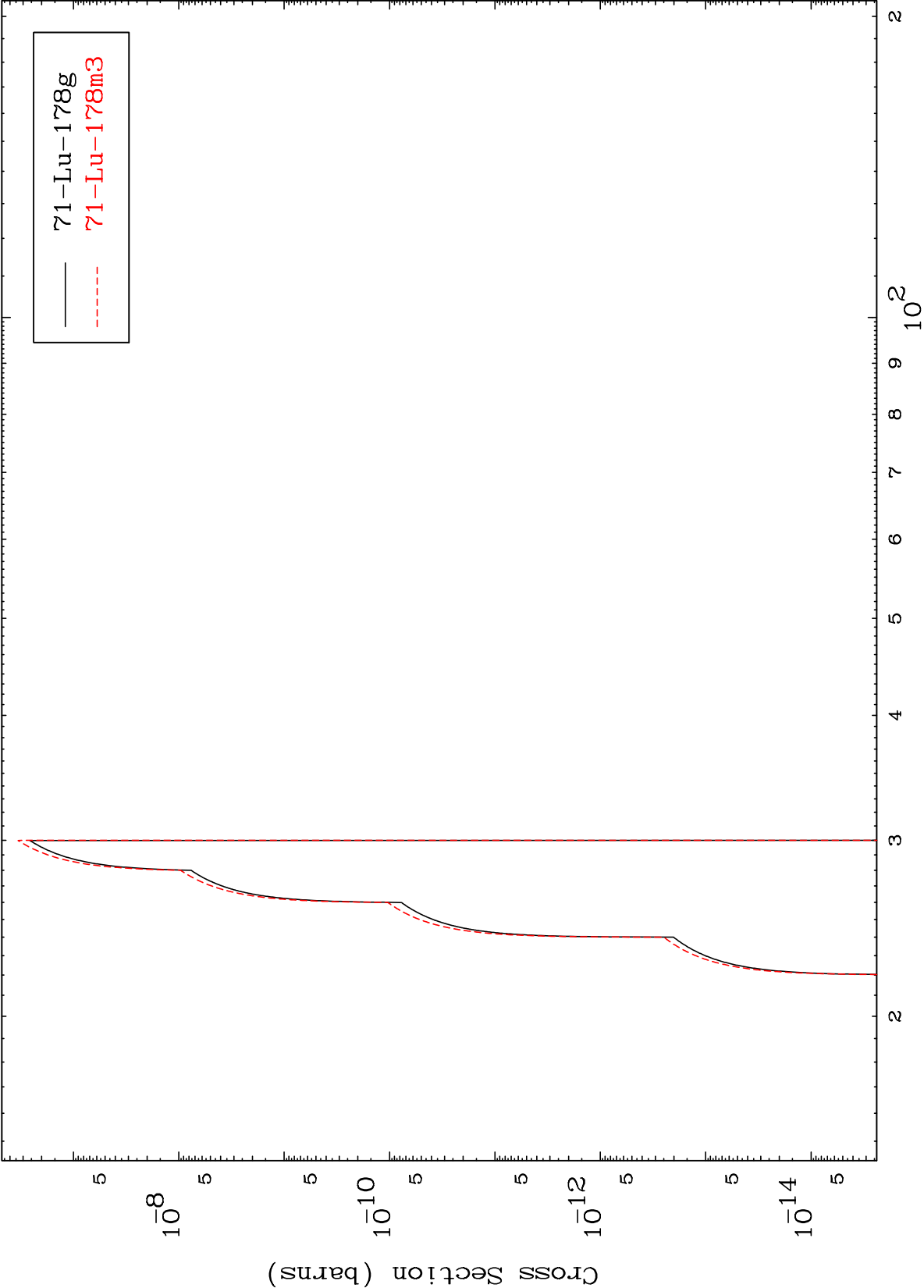
Incident Energy (MeV)

72-Hf-180





$(n,2n)$  p  
Radionuclide Production Cross Section

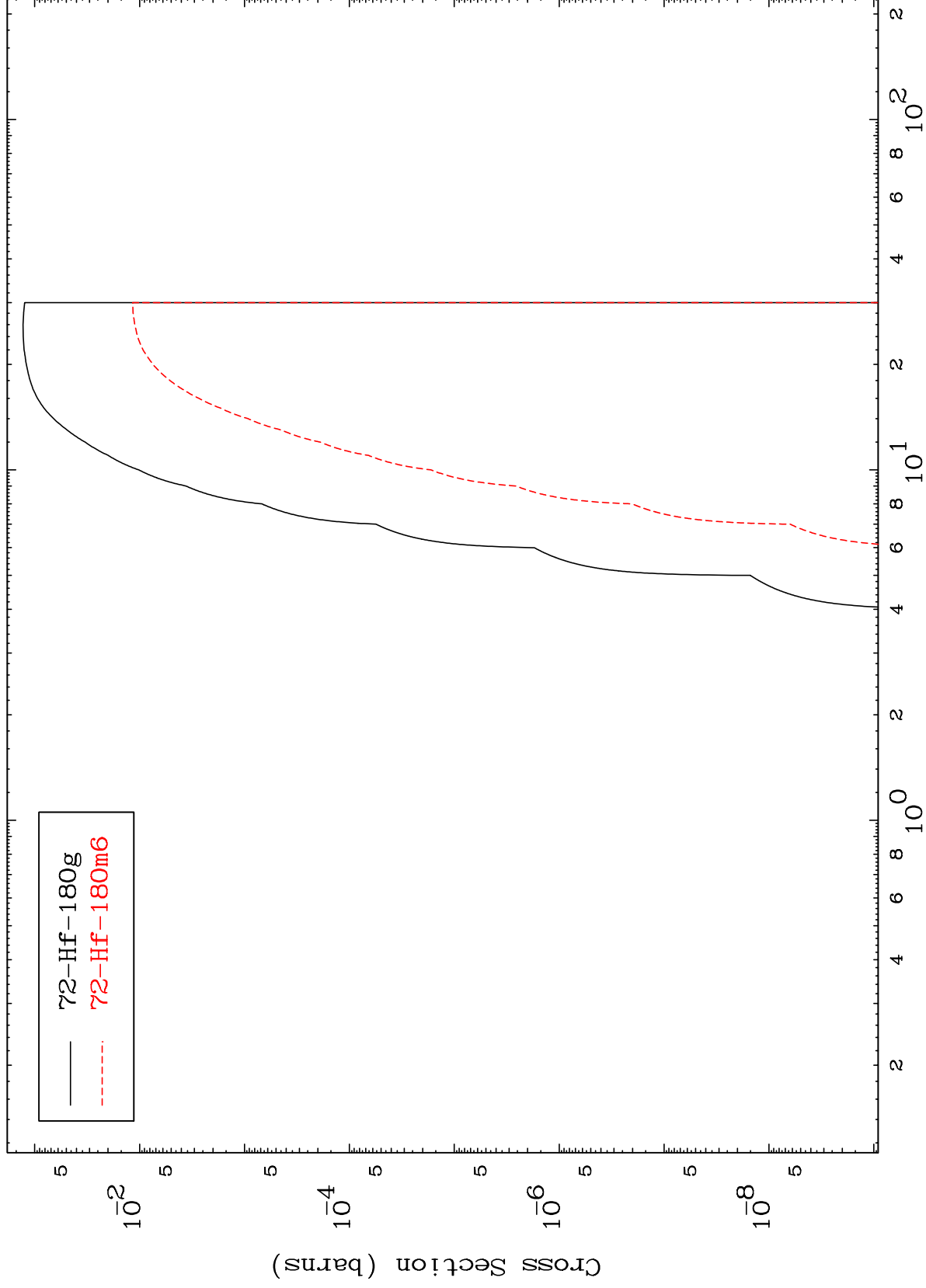




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72-Hf-180

Radionuclide Production Cross Section  
(n,p)



24

Incident Energy (MeV)

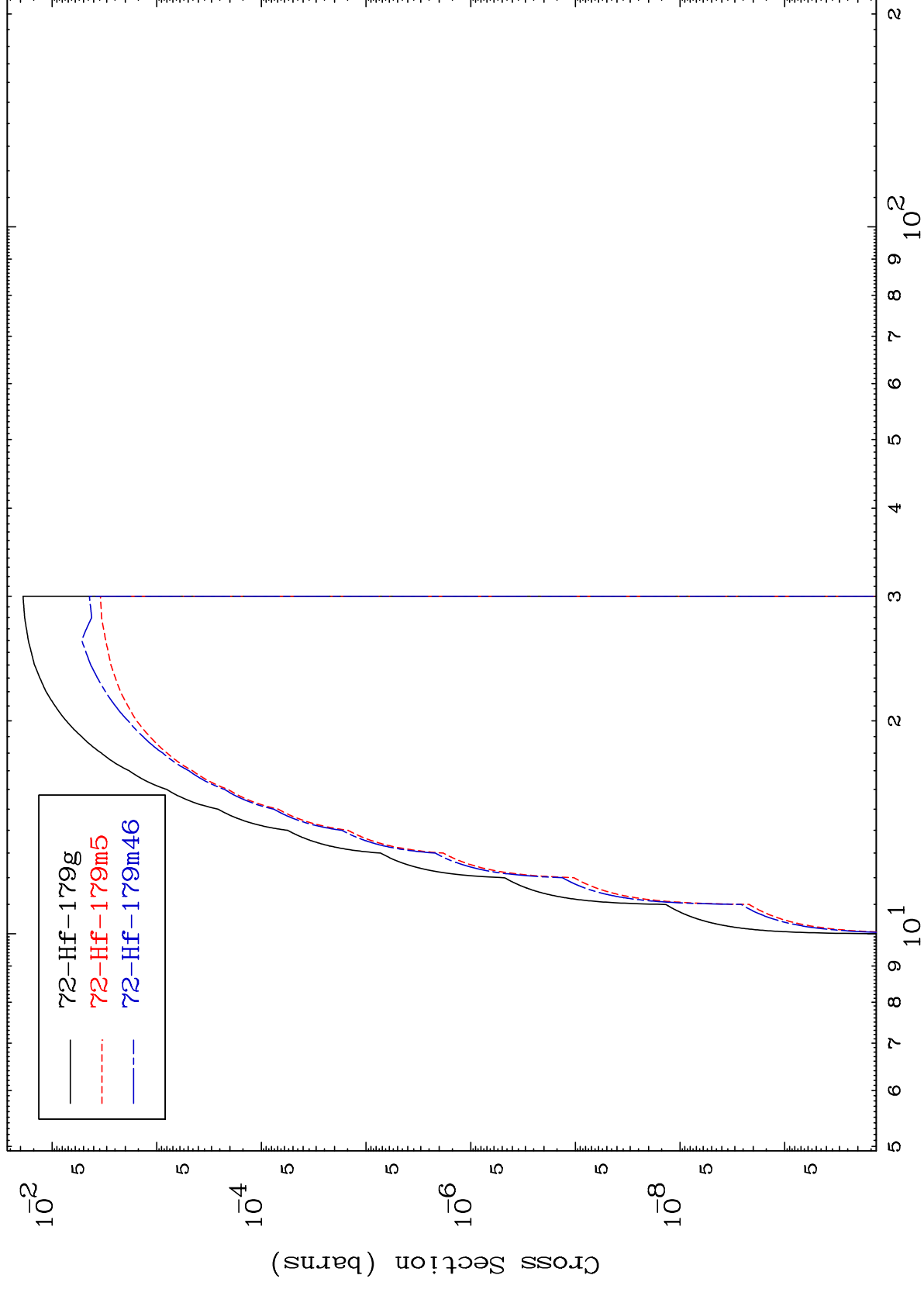
72-Hf-180

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 $(n, d)$ 

72-Hf-180

Radionuclide Production Cross Section



25

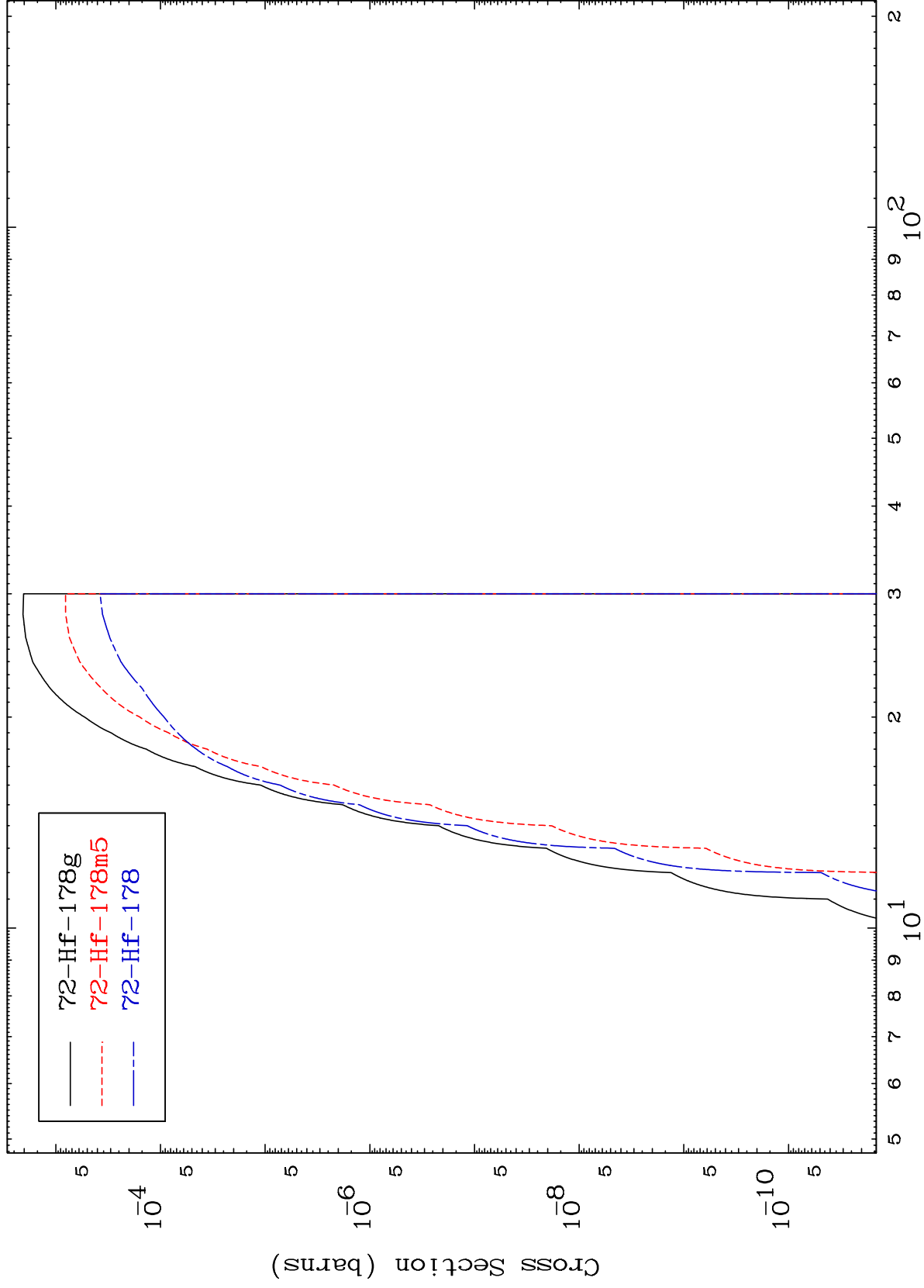
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

Radionuclide Production Cross Section



26

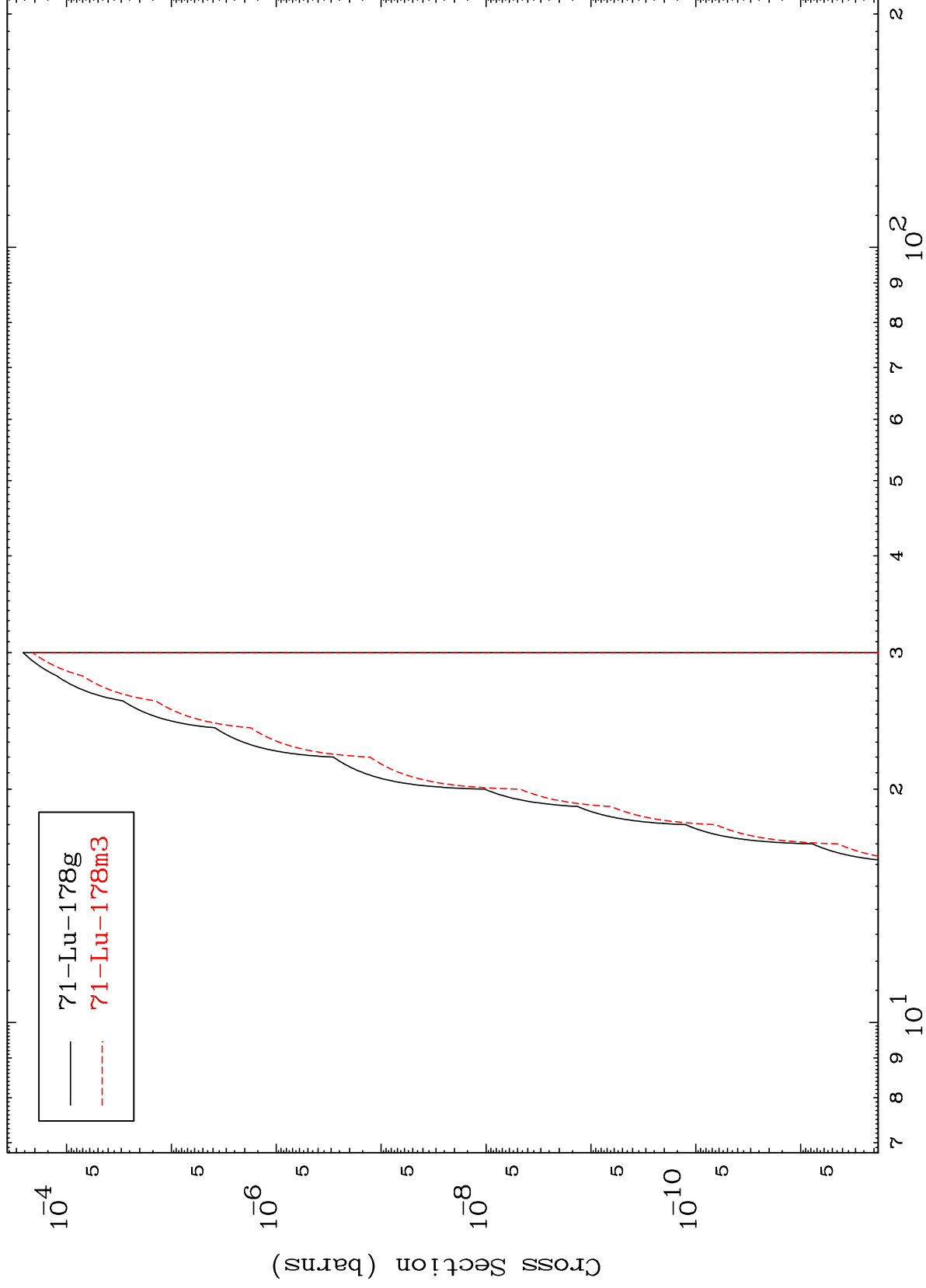
Incident Energy (MeV)

72-Hf-180

MAT 7243

72-Hf-180

Radionuclide Production Cross Section



27

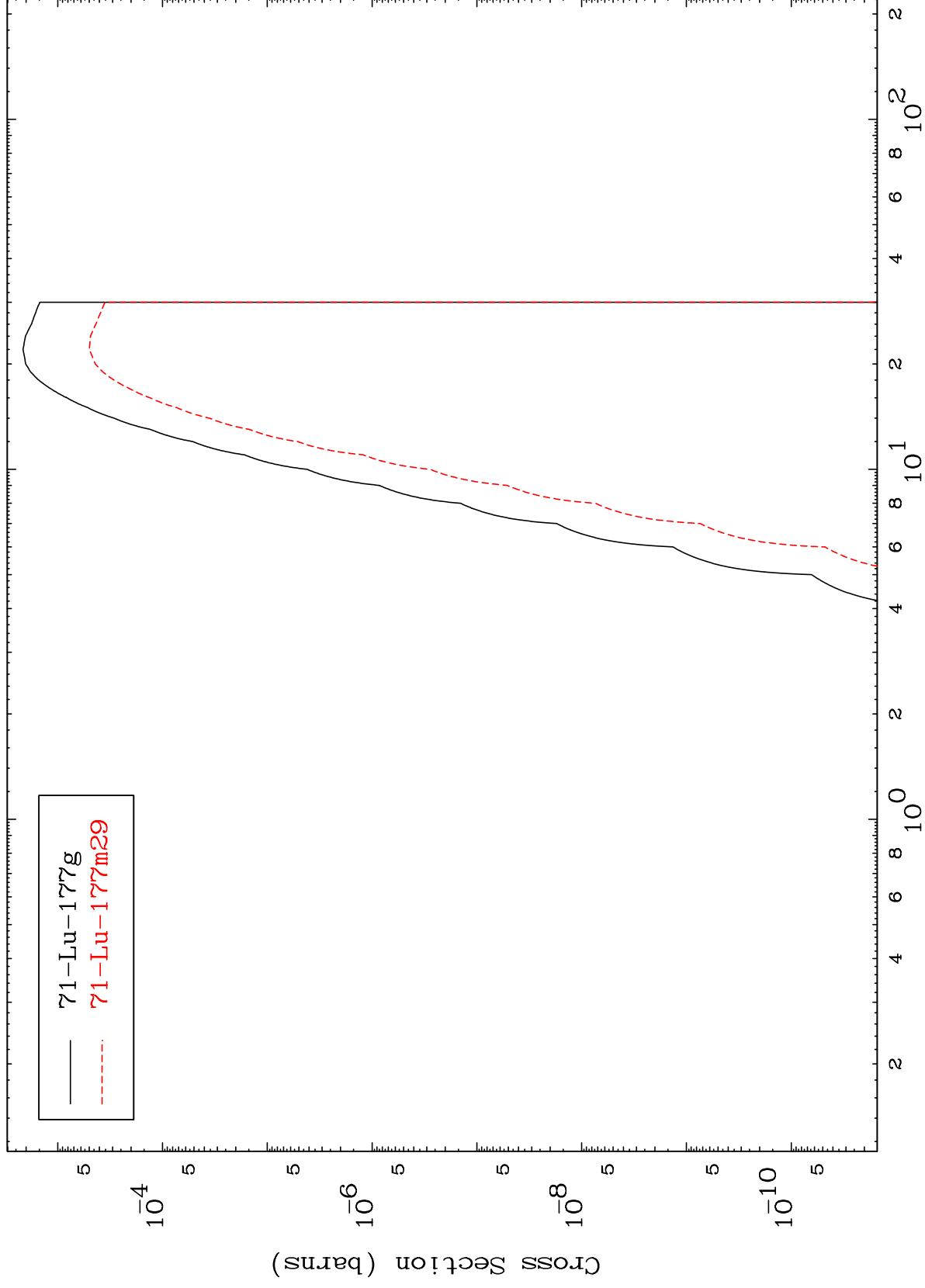
Incident Energy (MeV)

72-Hf-180

MAT 7243

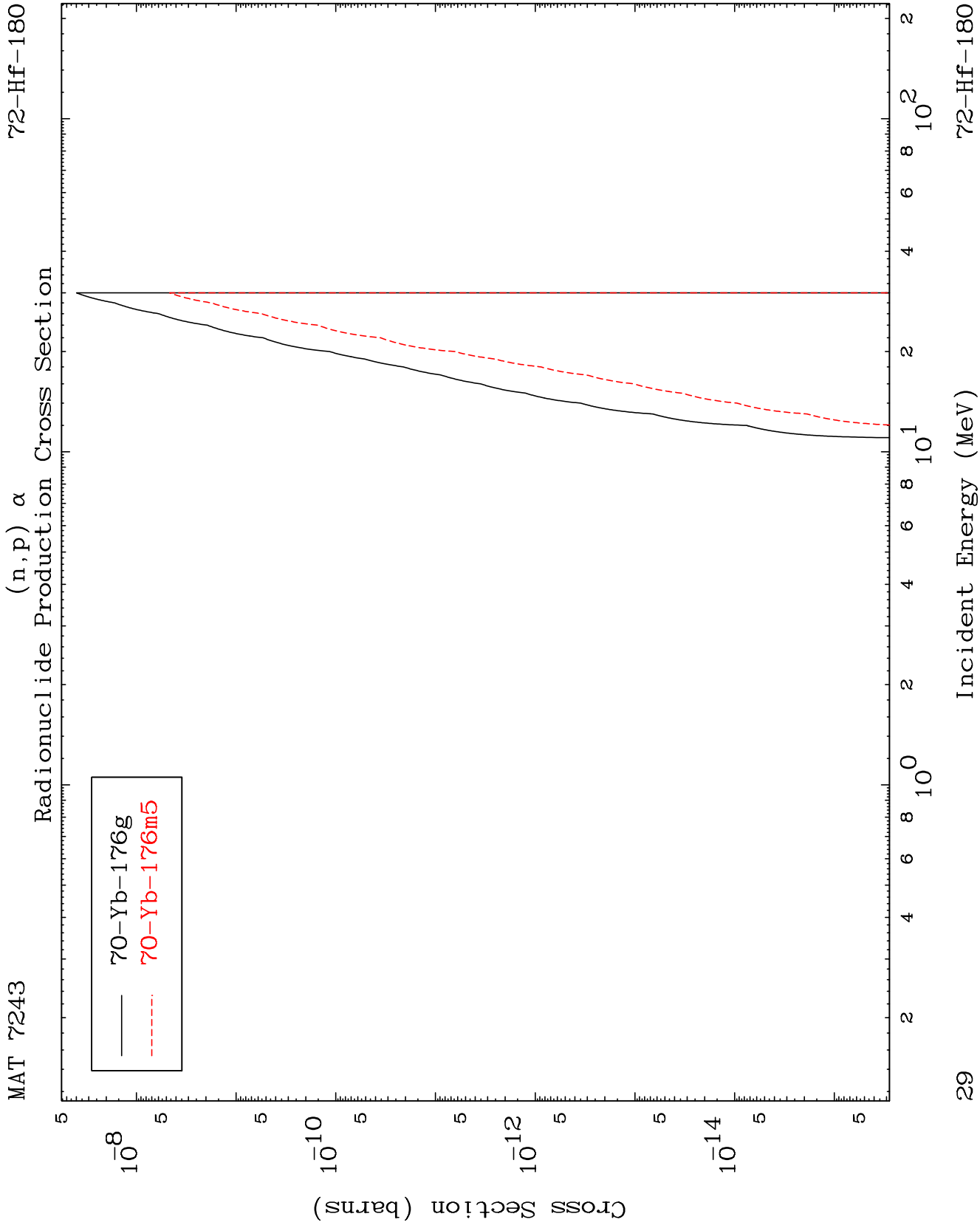
72-Hf-180

Radionuclide Production Cross Section



28

72-Hf-180

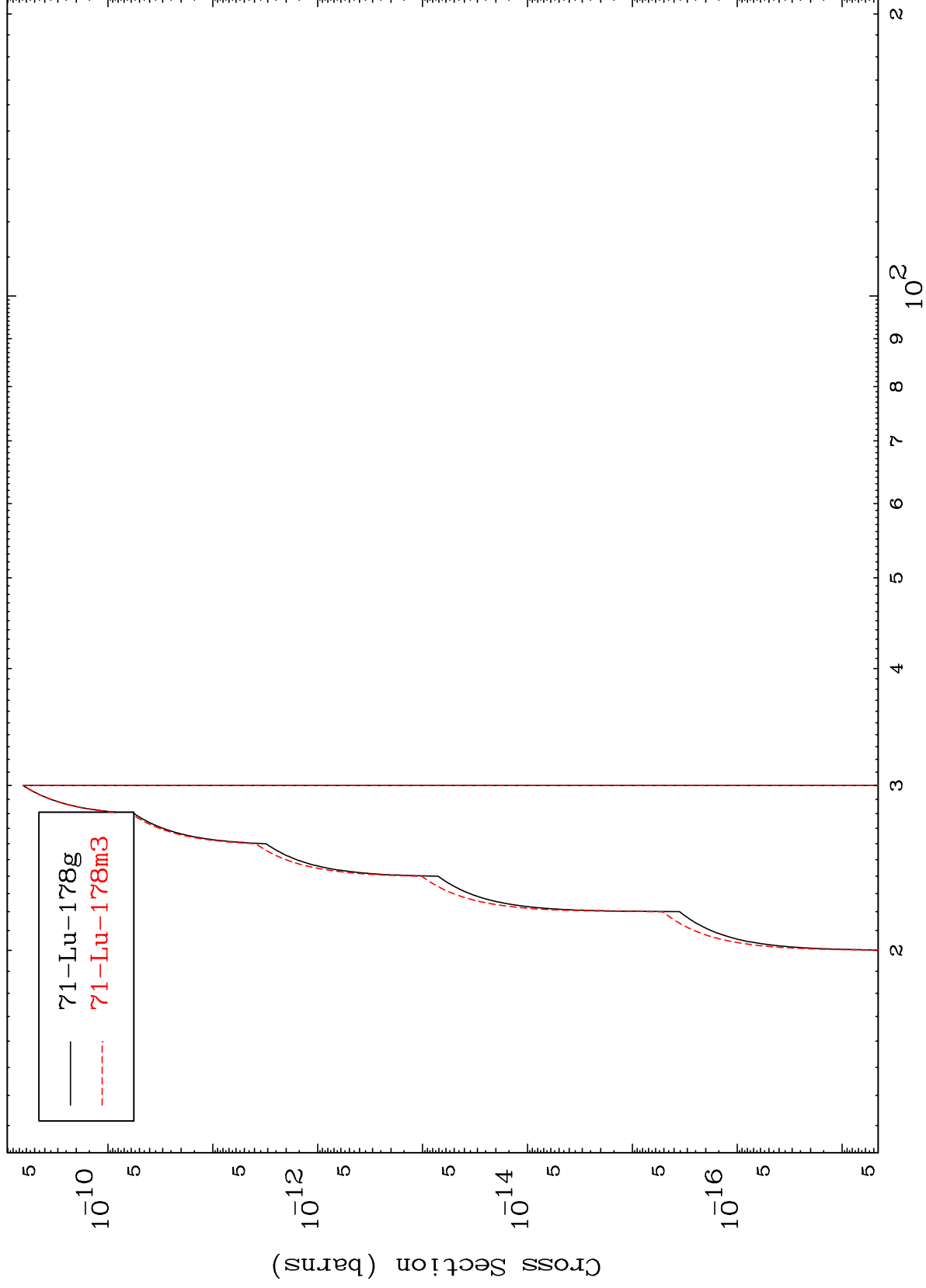


MAT 7243

(n,p) d

<sup>72</sup>Hf-180

Radionuclide Production Cross Section



30

Incident Energy (MeV)

<sup>72</sup>Hf-180