

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

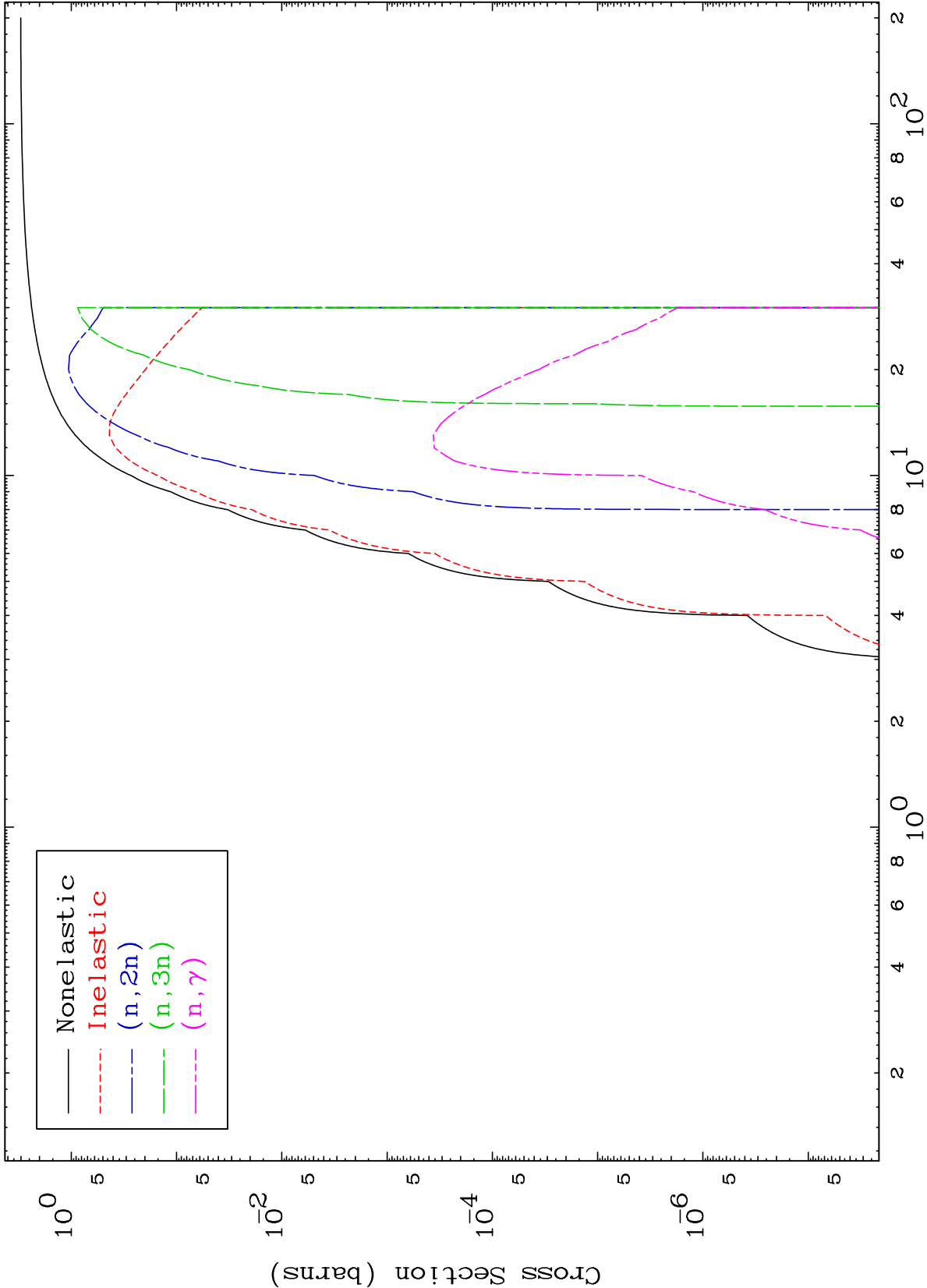
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

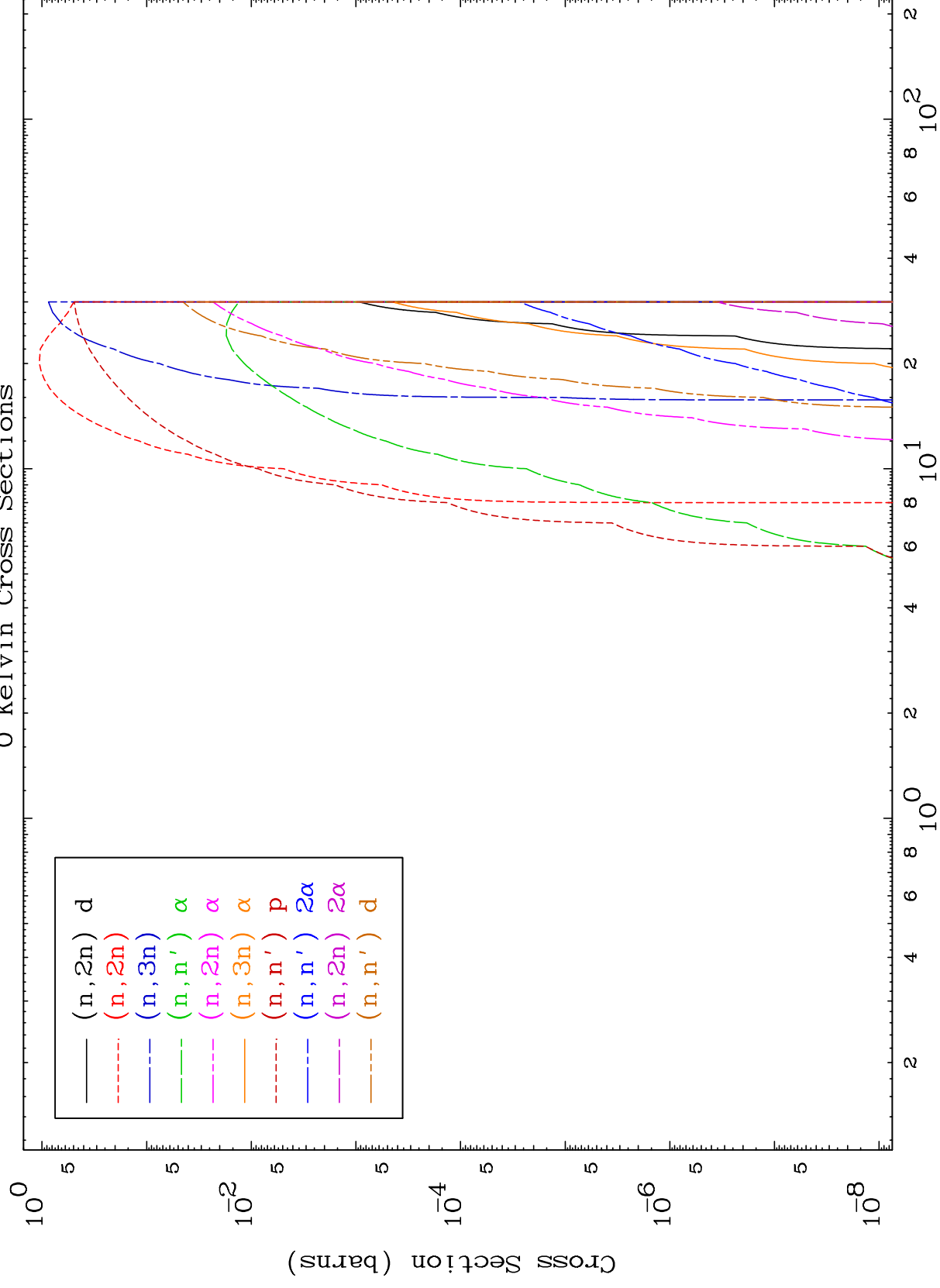
Tele: 925-443-1911

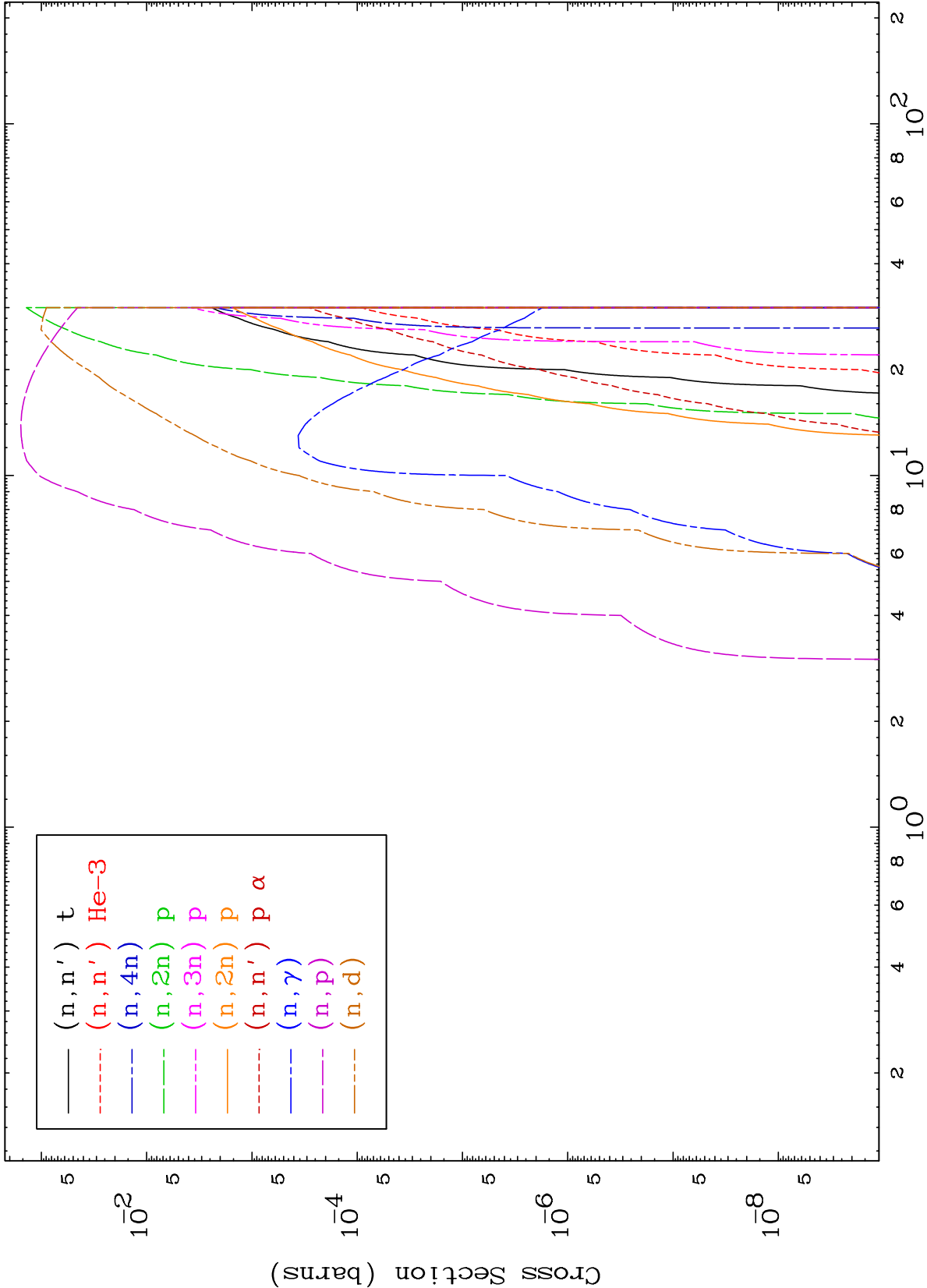
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

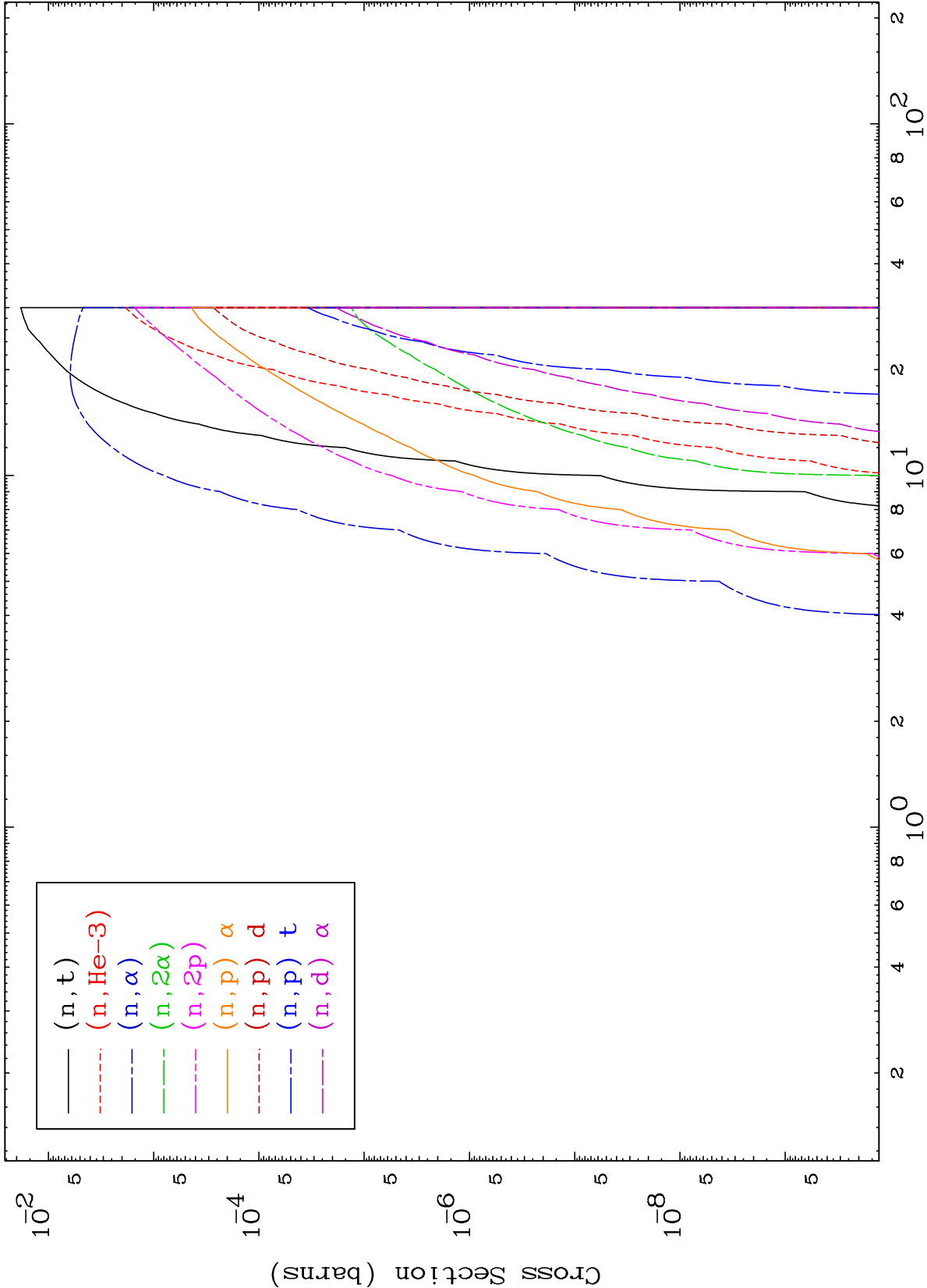
Press Mouse Button to Start

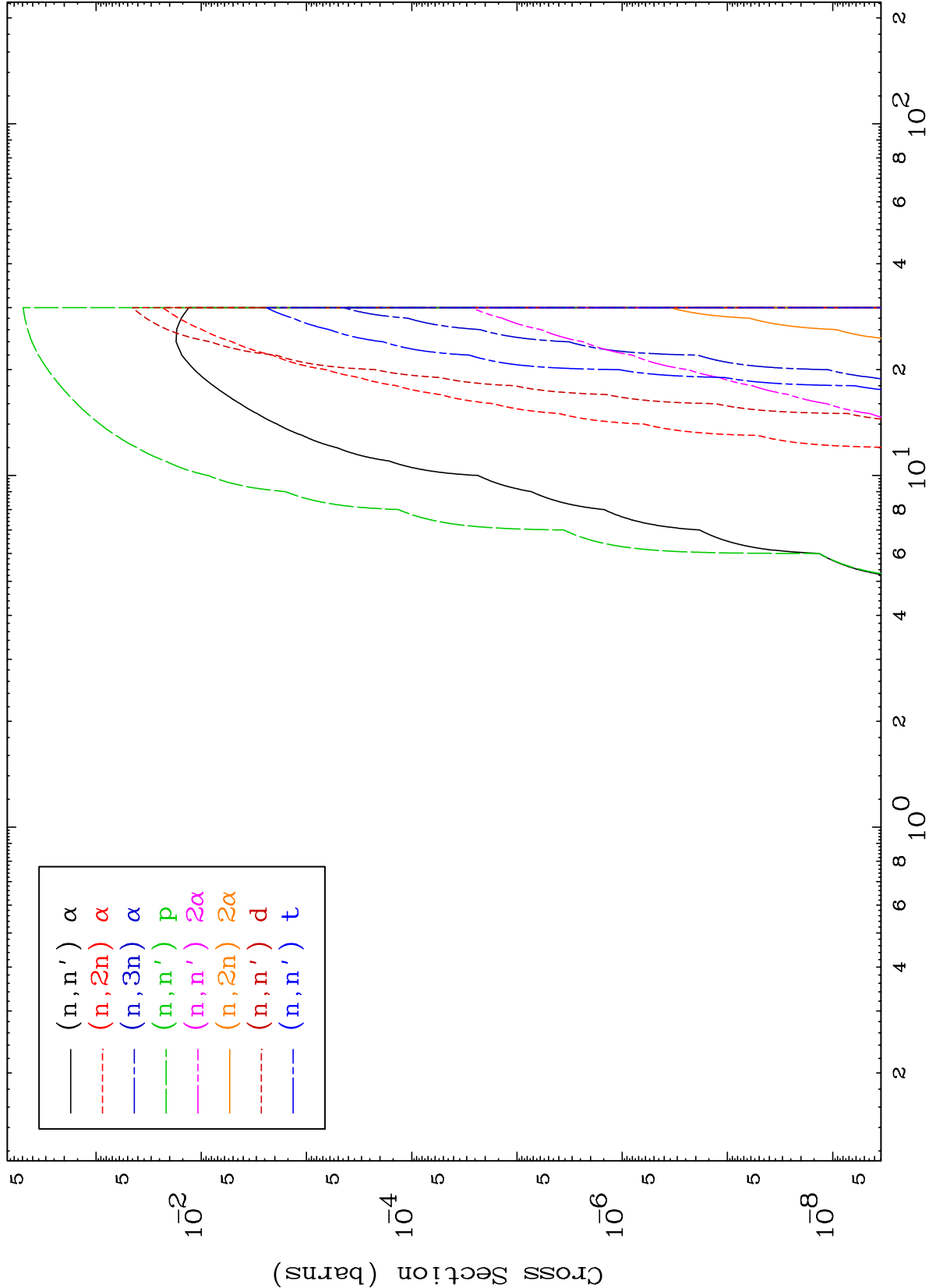
0 Kelvin Cross Sections

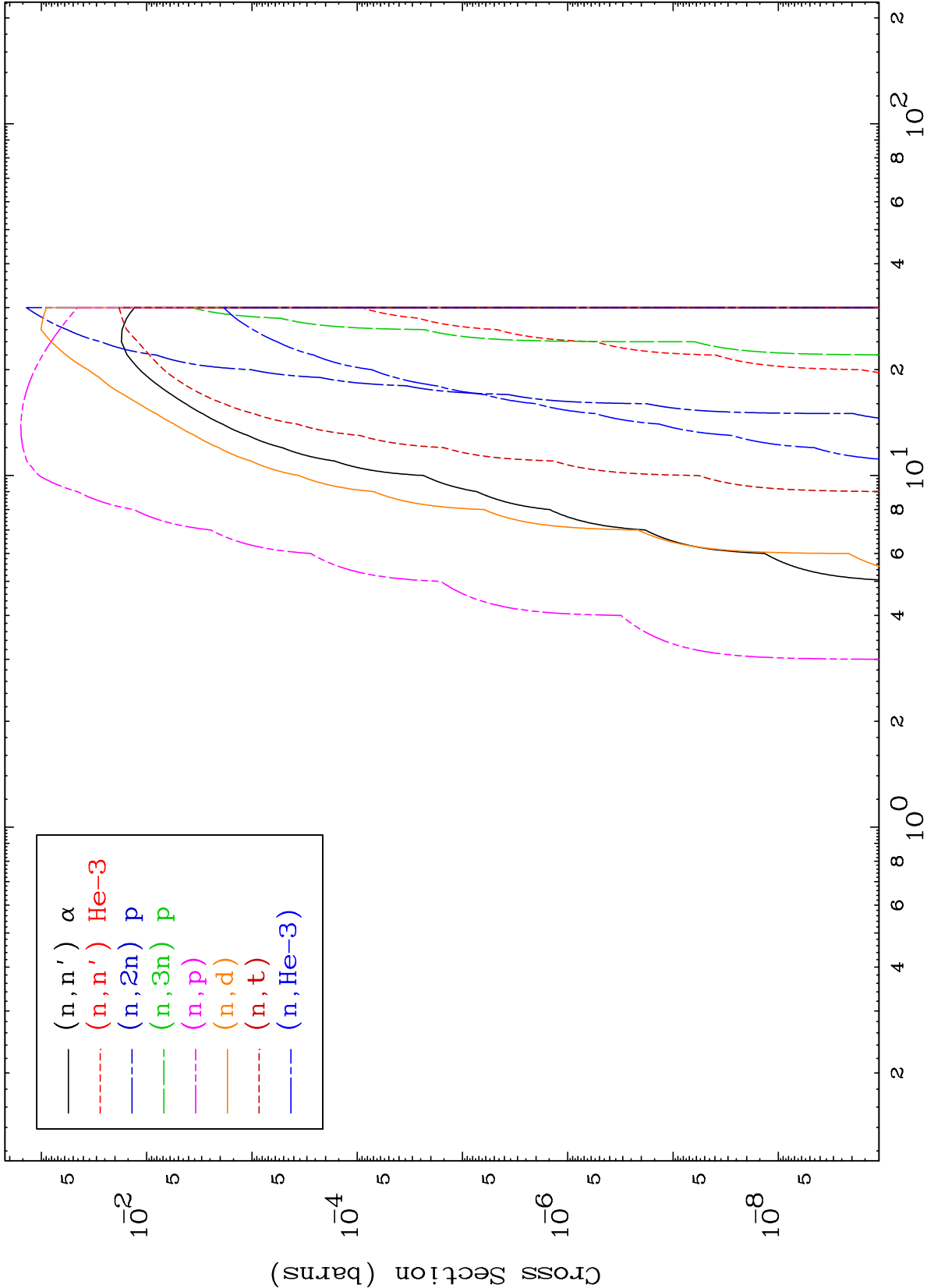


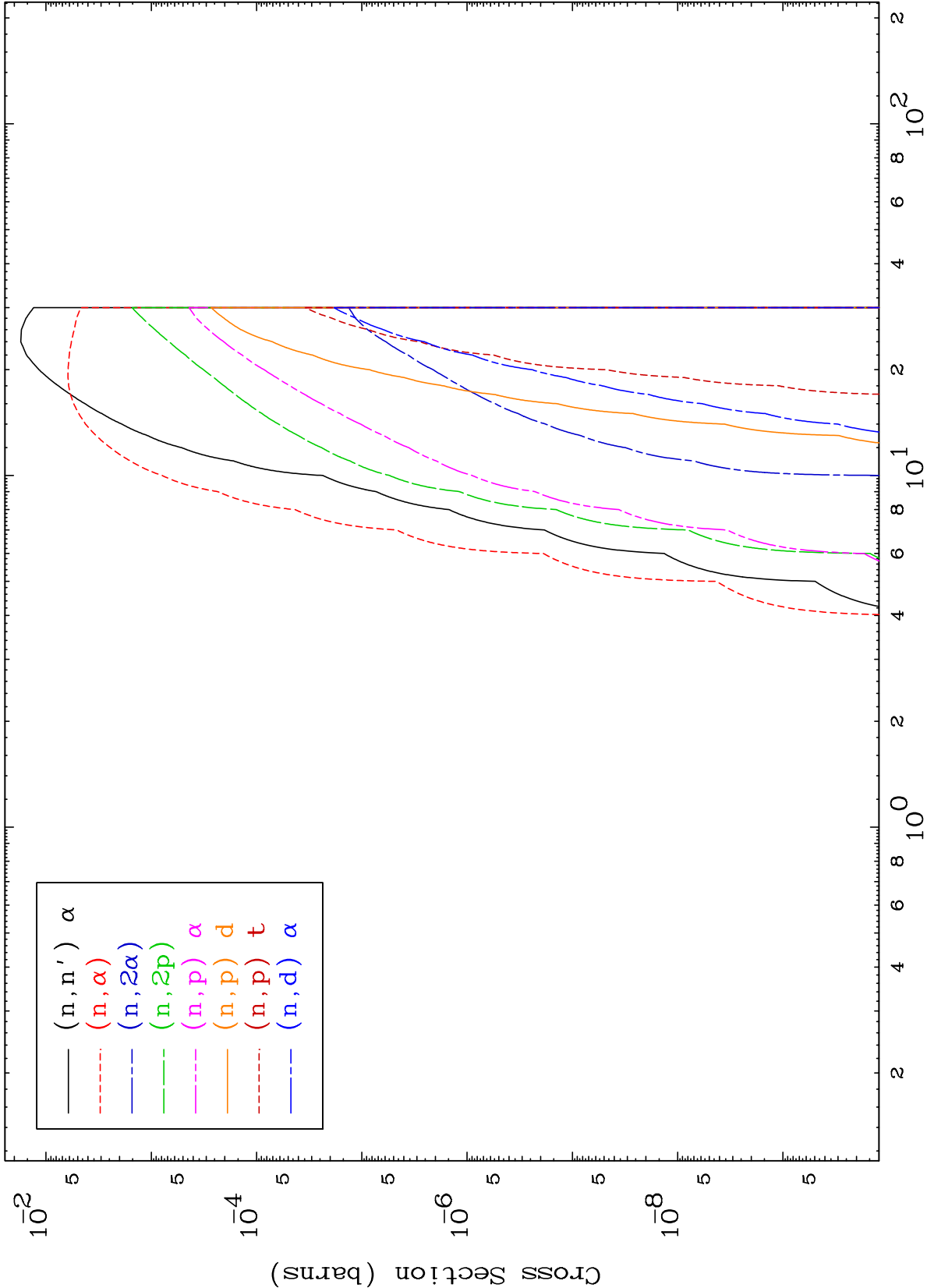










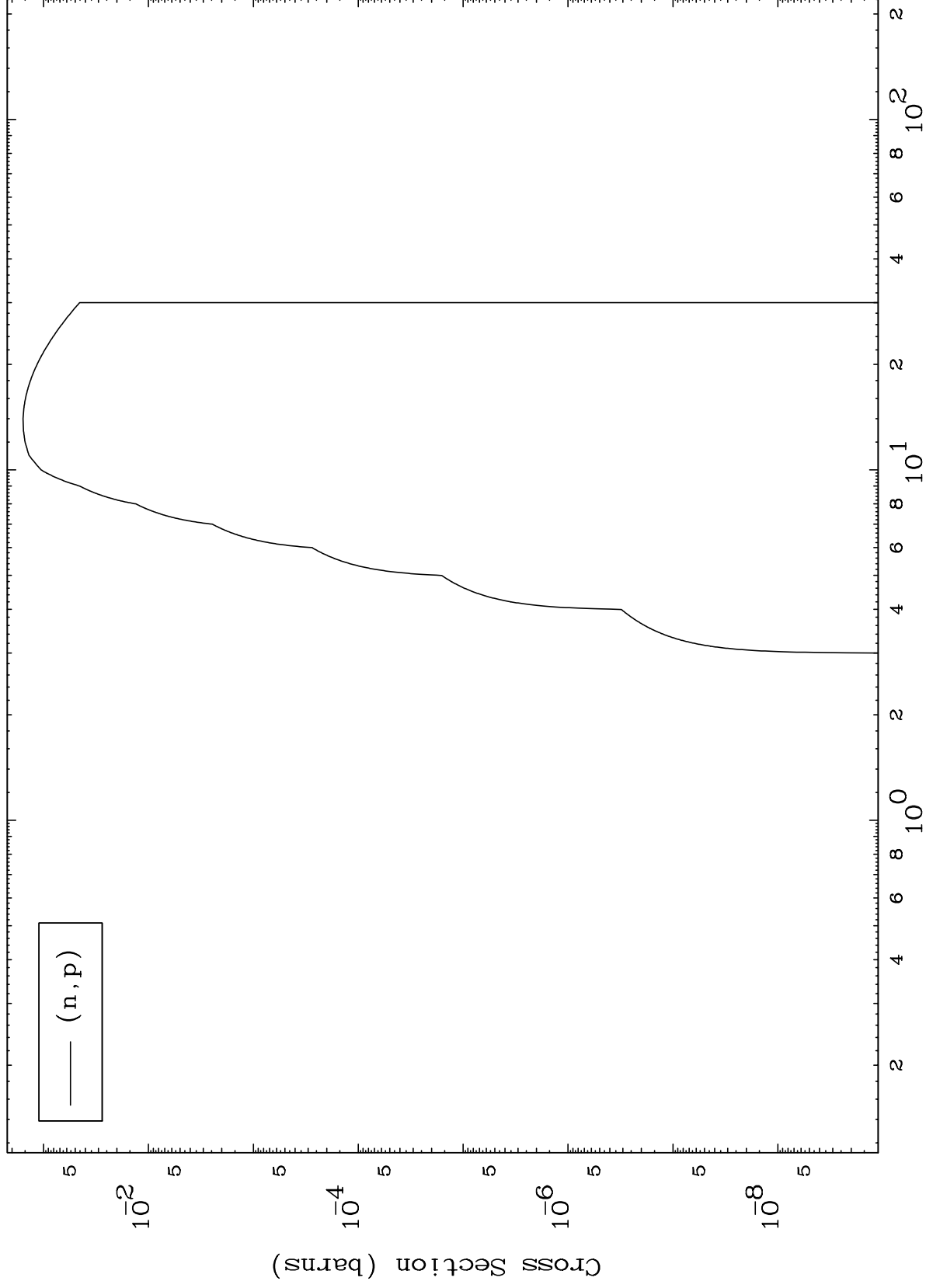




MAT 7895

79-Au-187

(d,p) Levels  
0 Kelvin Cross Sections



79-Au-187

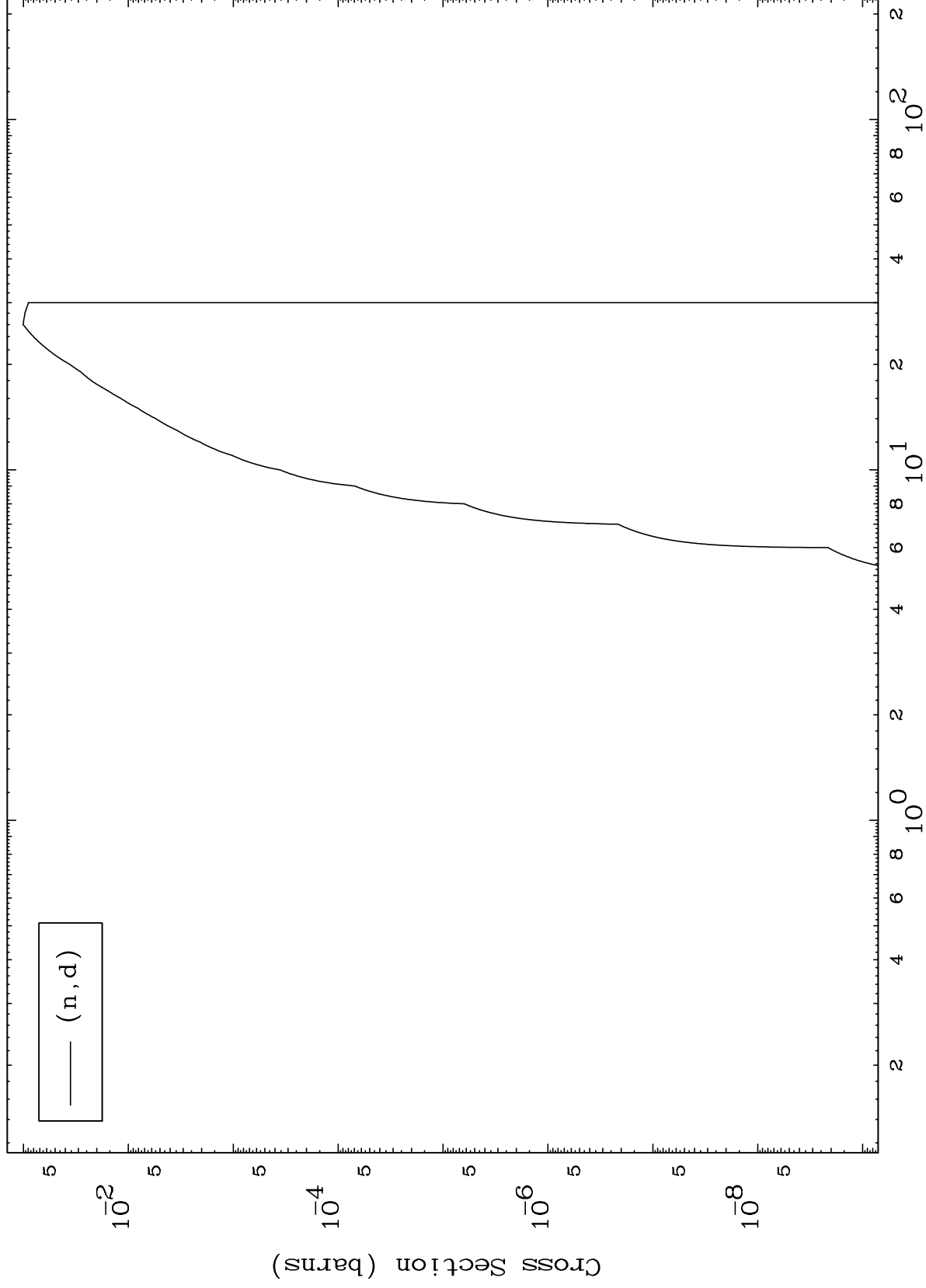
Incident Energy (MeV)

8

MAT 7895

79-Au-187

(d,d) Levels  
0 Kelvin Cross Sections

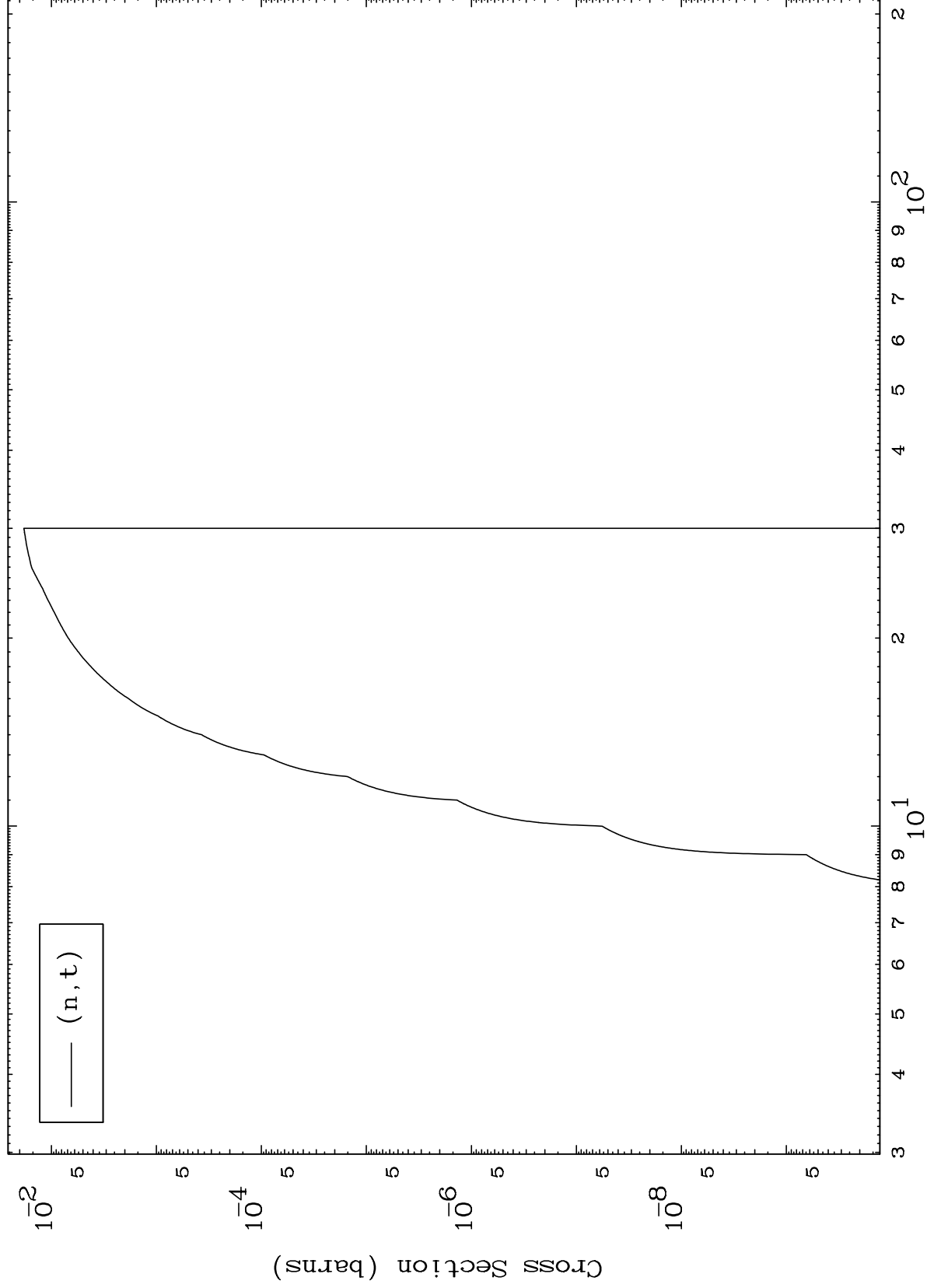


— (n,d)

MAT 7895

79-Au-187

(d,t) Levels  
0 Kelvin Cross Sections



79-Au-187

Incident Energy (MeV)

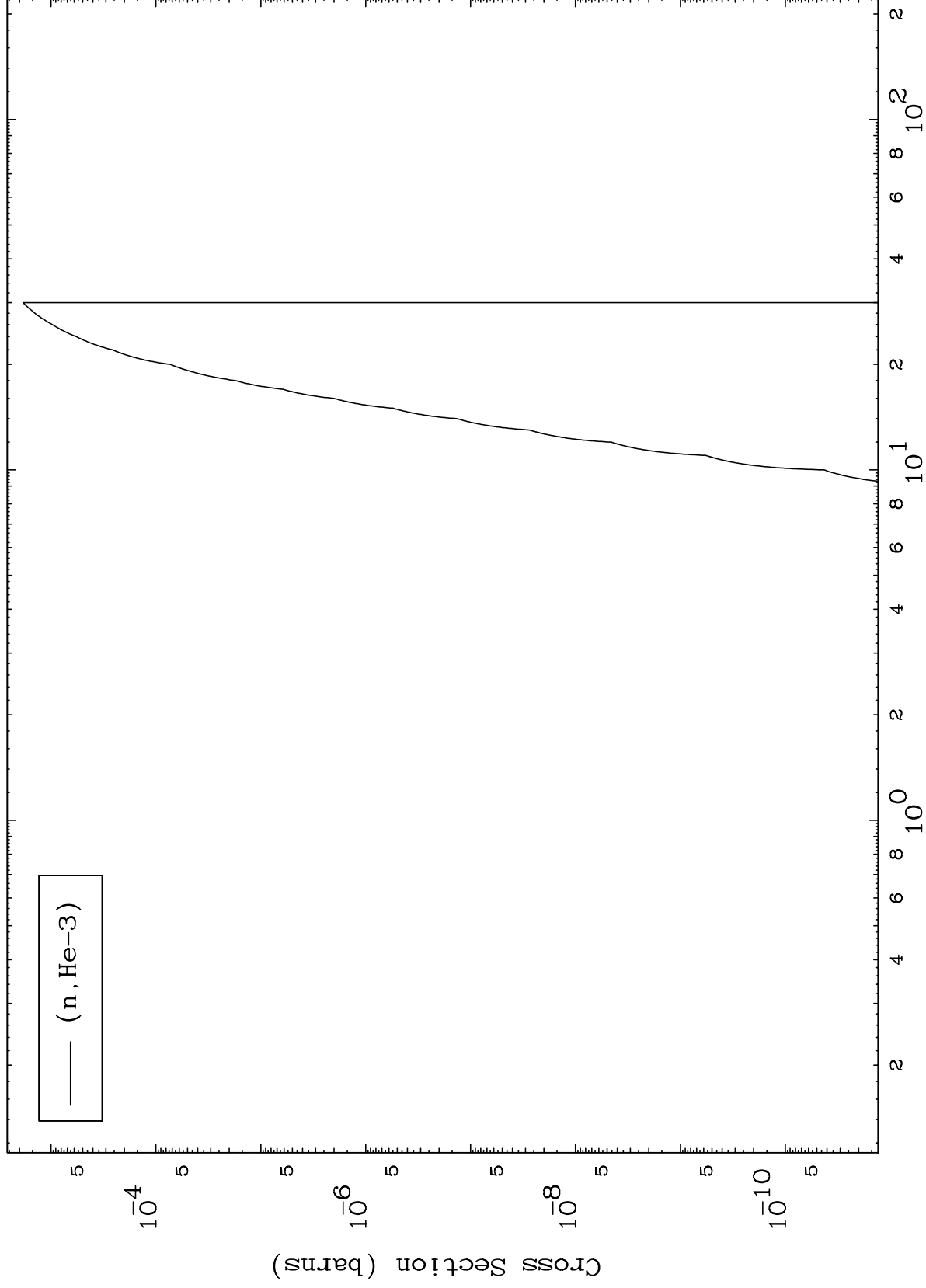
10

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(d,He3) Levels

79-Au-187

0 Kelvin Cross Sections



11

Incident Energy (MeV)

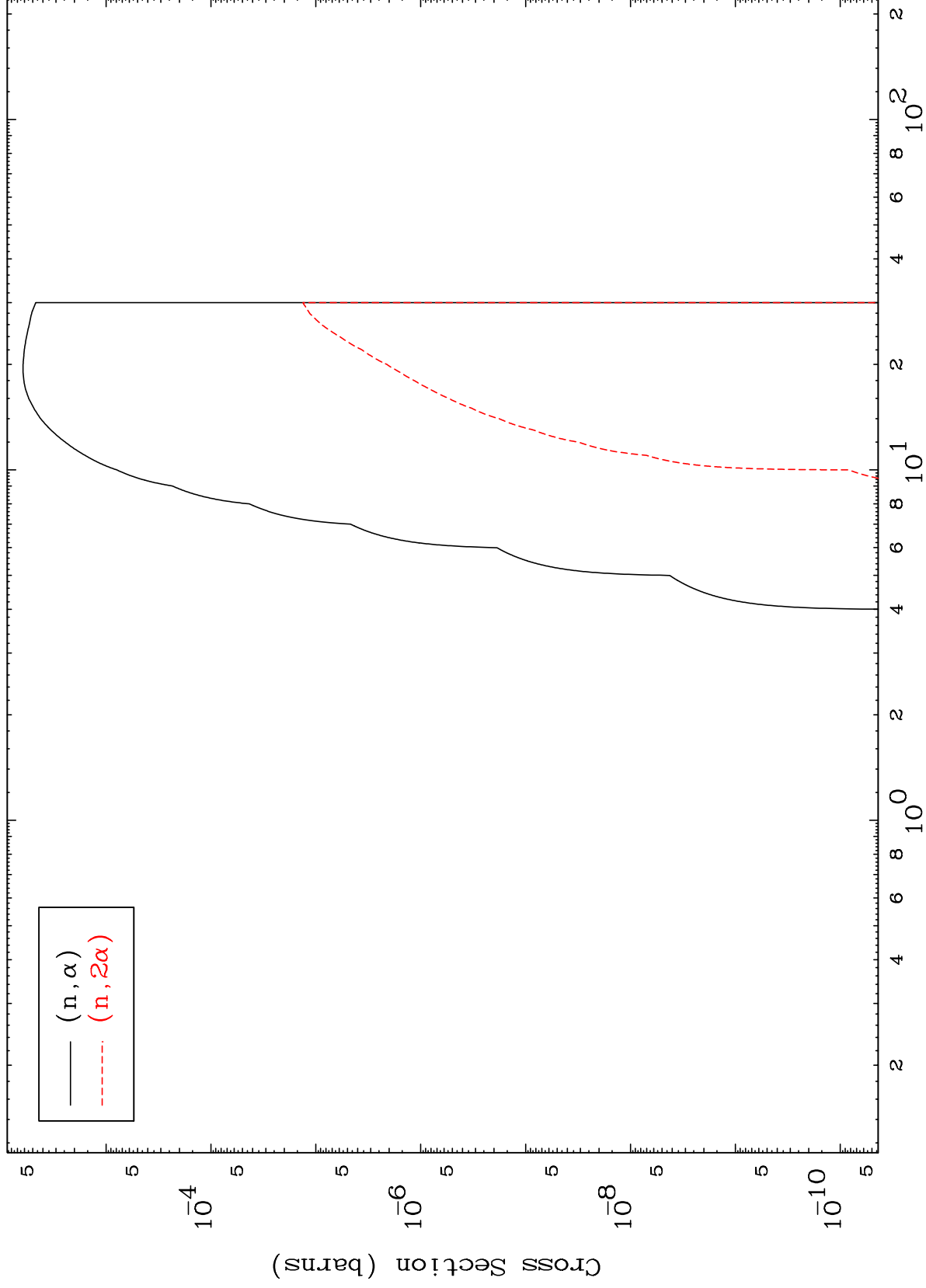
79-Au-187

MAT 7895

(d,  $\alpha$ ) Levels

79-Au-187

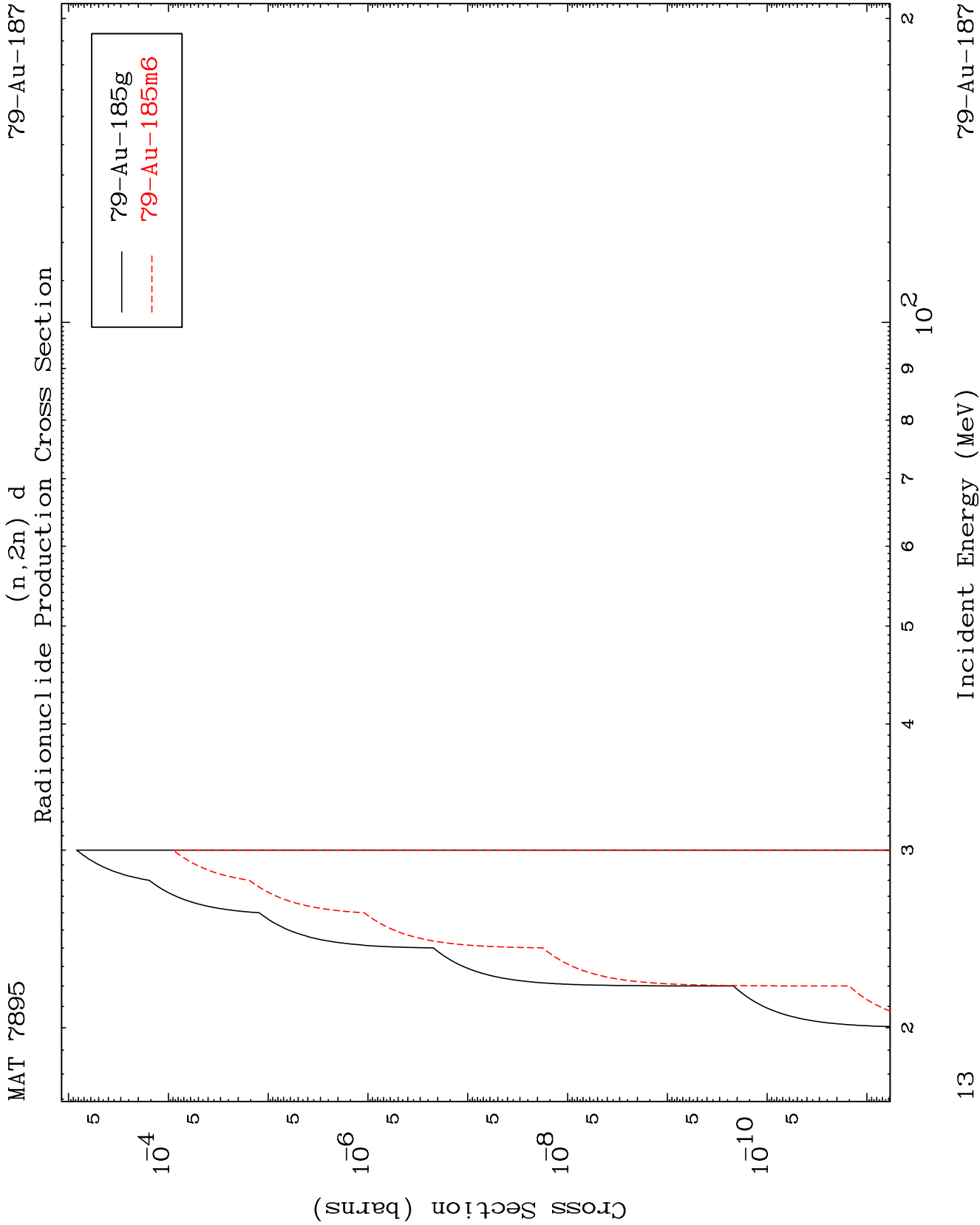
0 Kelvin Cross Sections

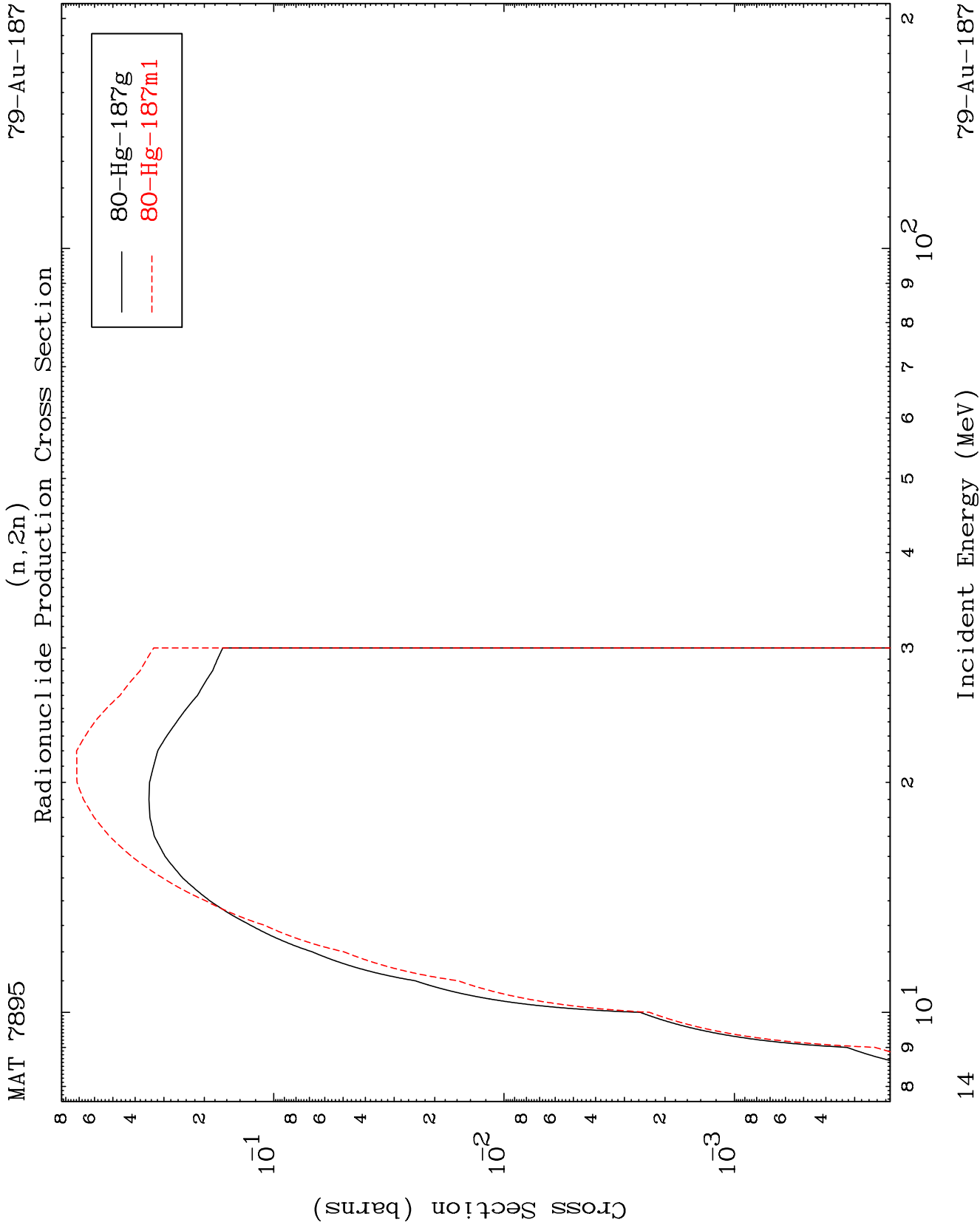


12

Incident Energy (MeV)

79-Au-187



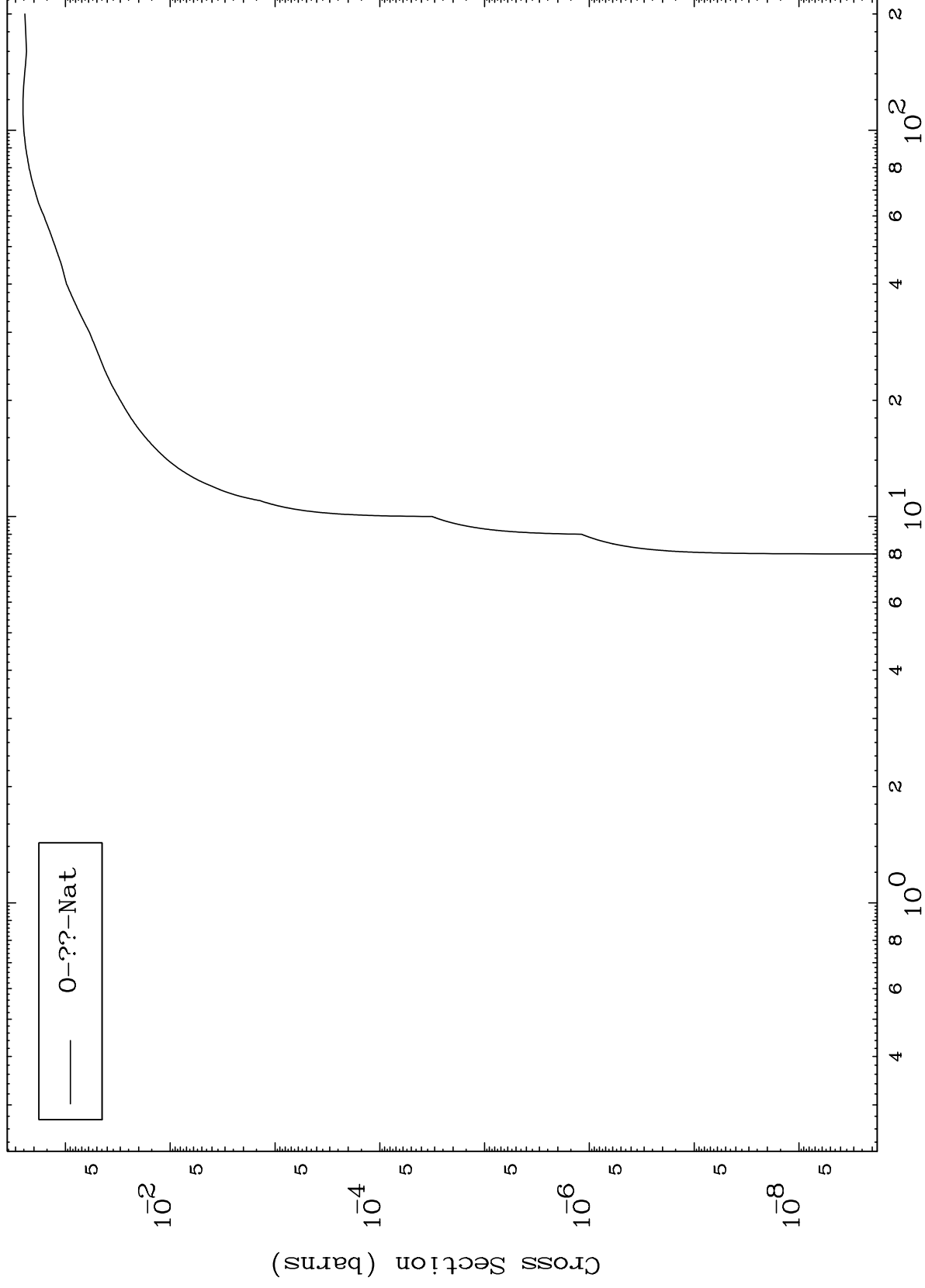


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Fission

<sup>79</sup>Au-187

Radionuclide Production Cross Section

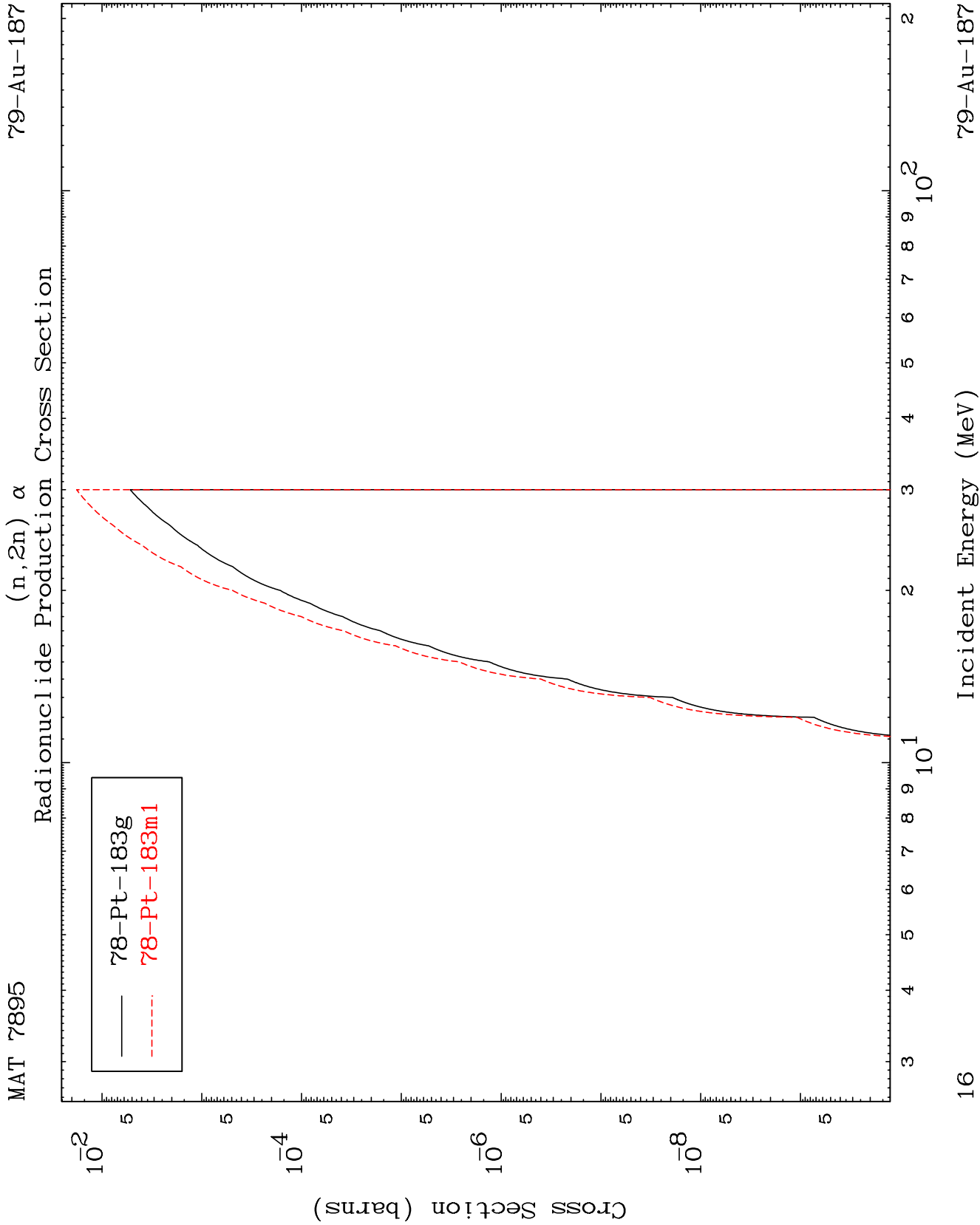


15

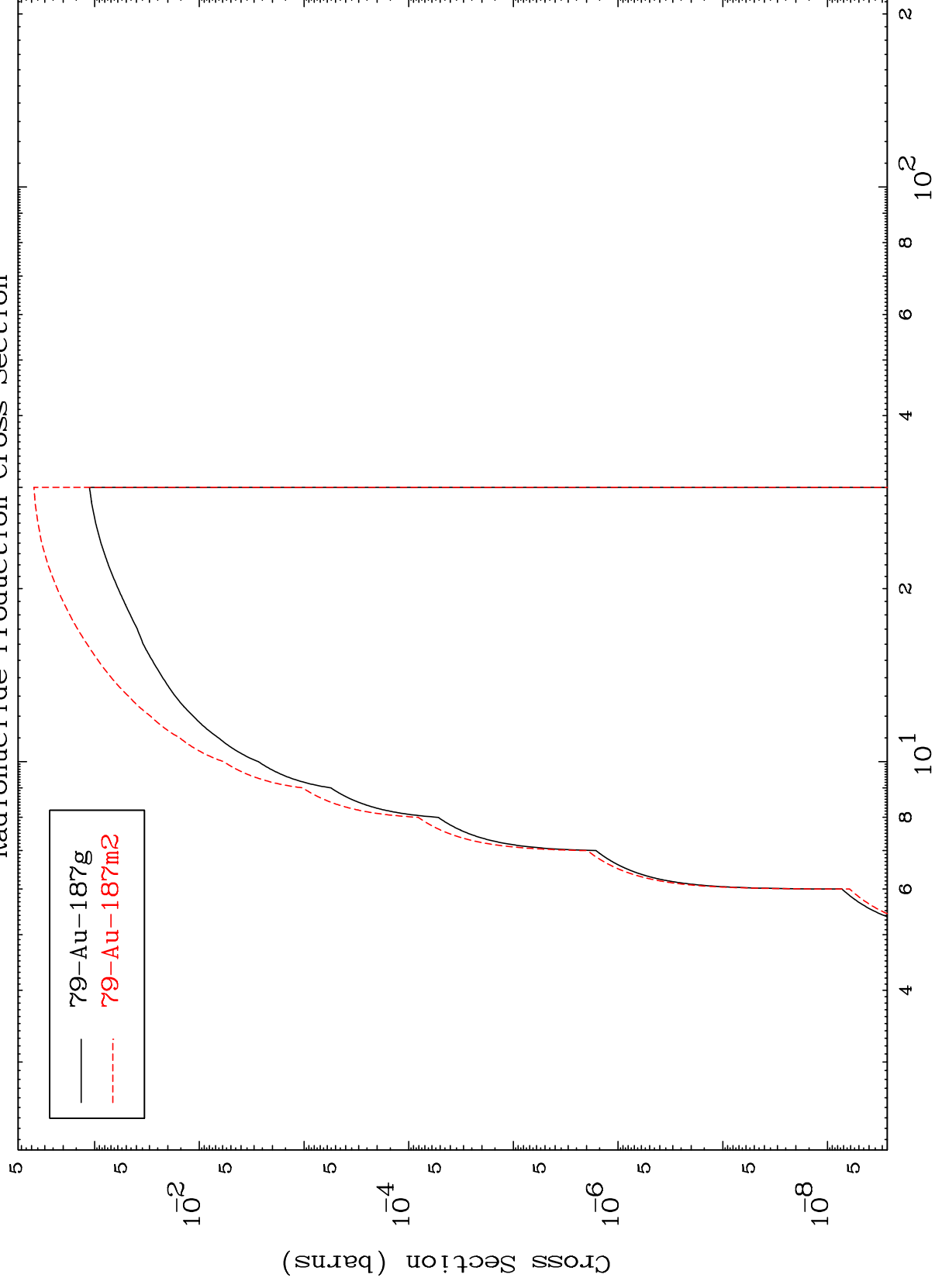
Incident Energy (MeV)

<sup>79</sup>Au-187





(n, n') p  
Radionuclide Production Cross Section

$$(n, n') \text{ p}$$


21

Incident Energy (MeV)

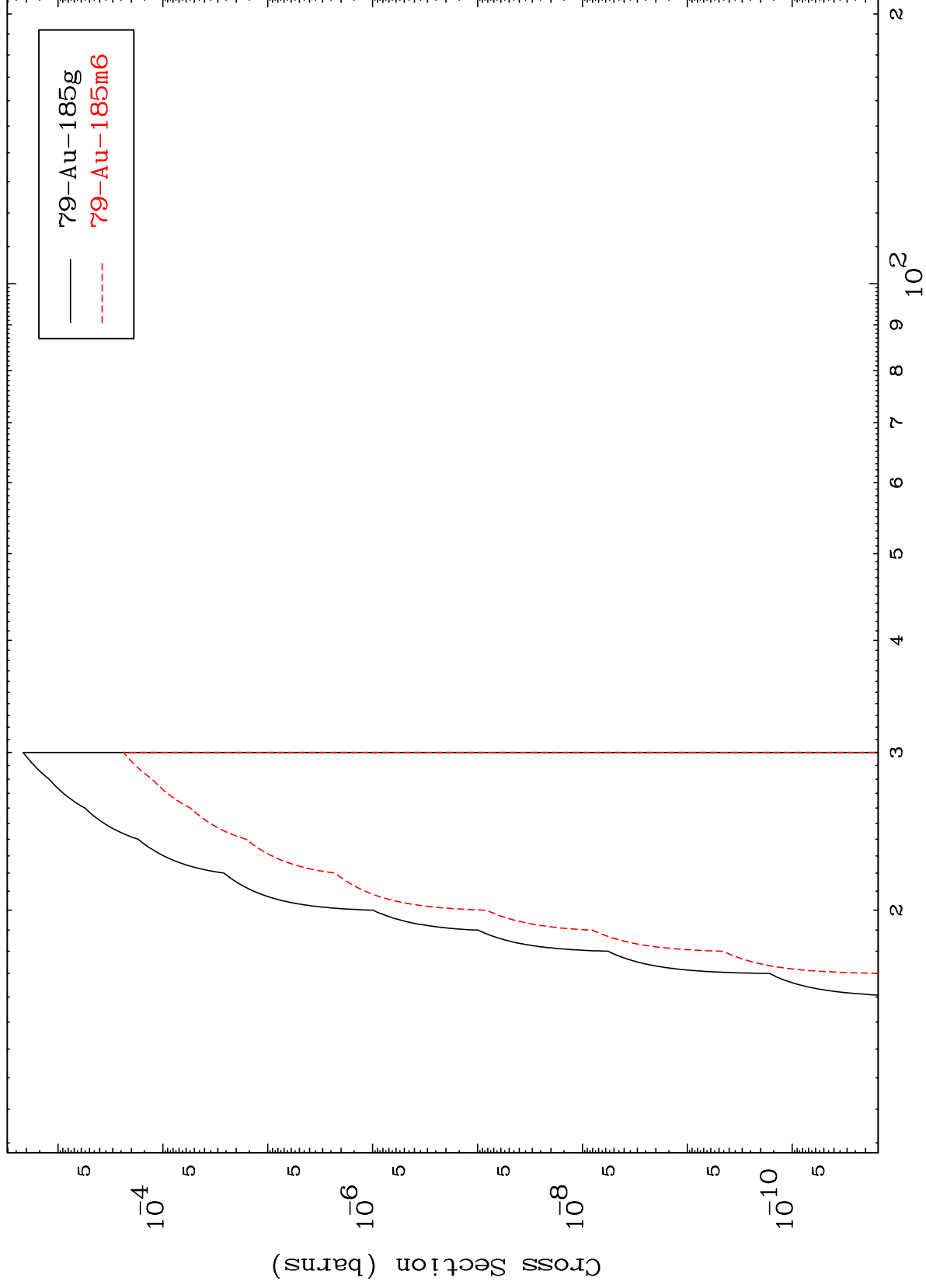
79-Au-187

MAT 7895

(n,n') t

<sup>79</sup>Au-<sup>187</sup>

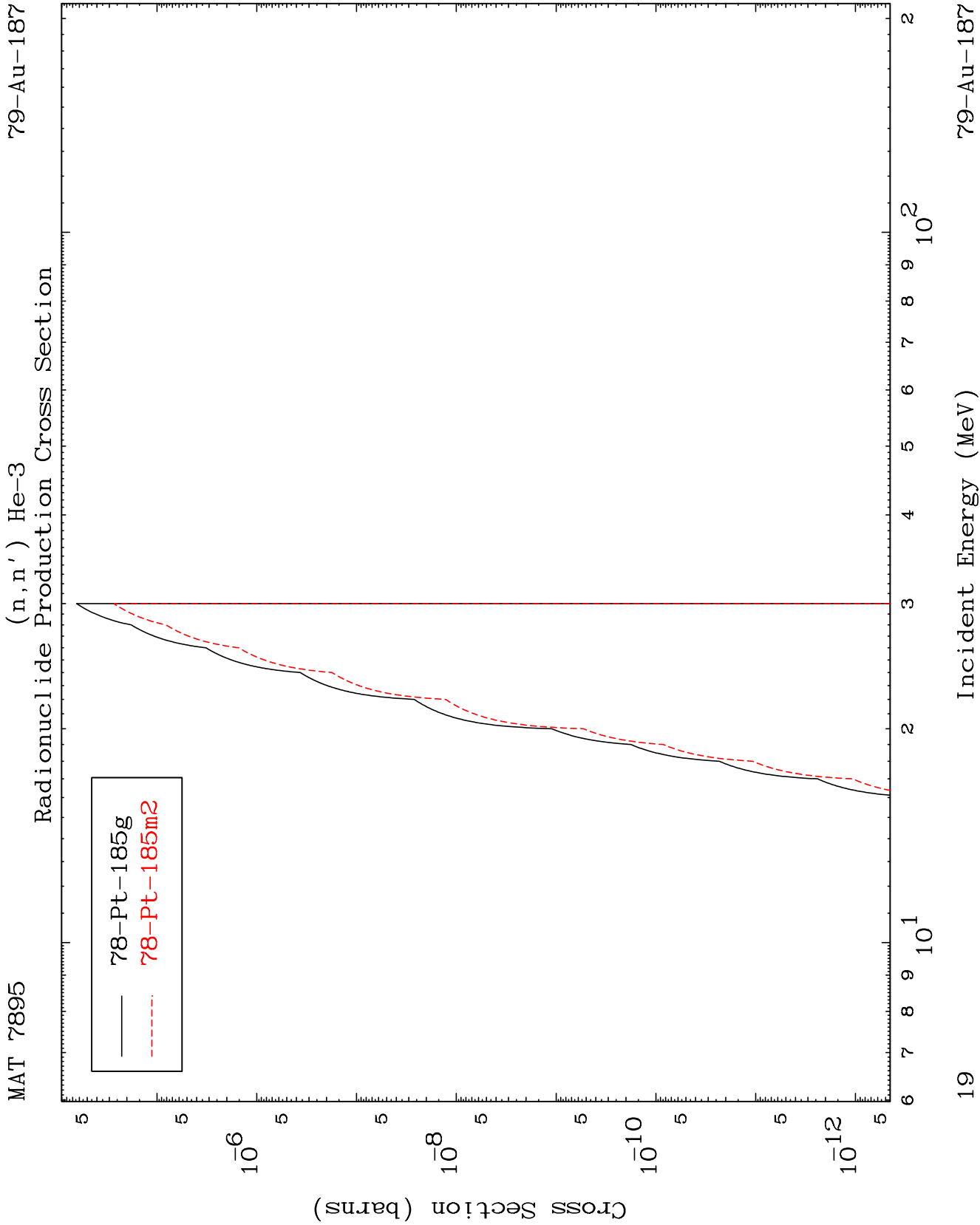
Radionuclide Production Cross Section

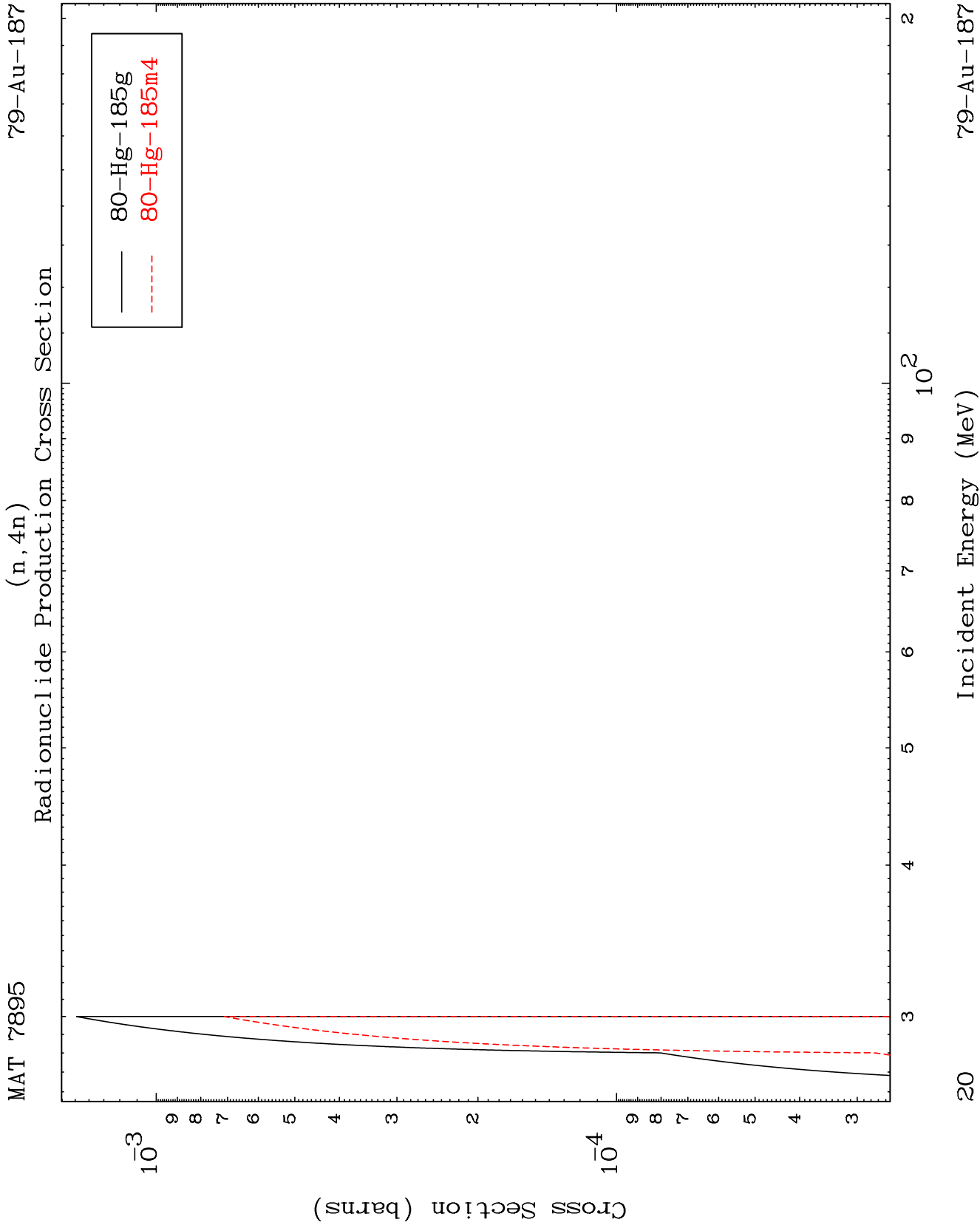


18

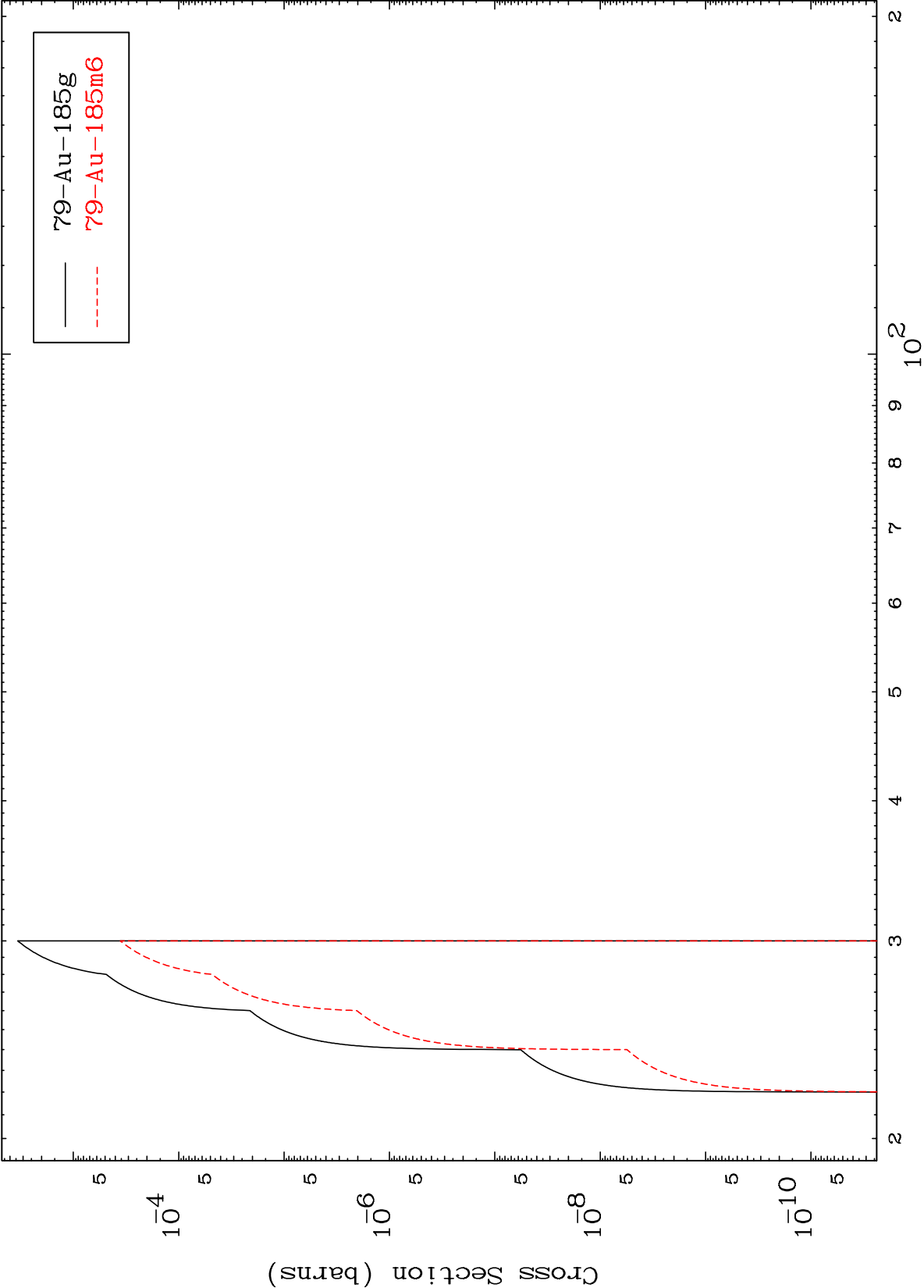
Incident Energy (MeV)

<sup>79</sup>Au-<sup>187</sup>

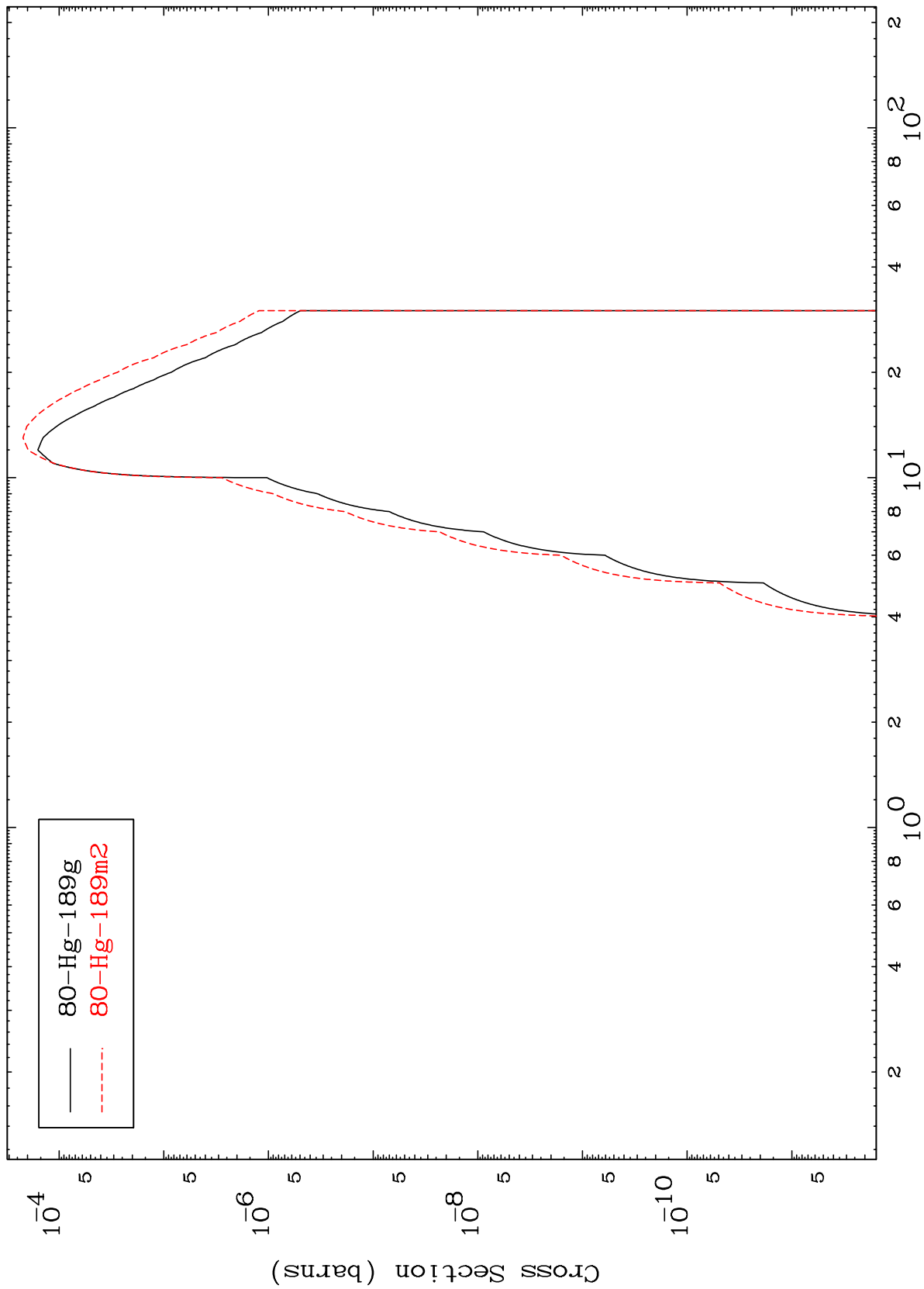




Radionuclide Production Cross Section



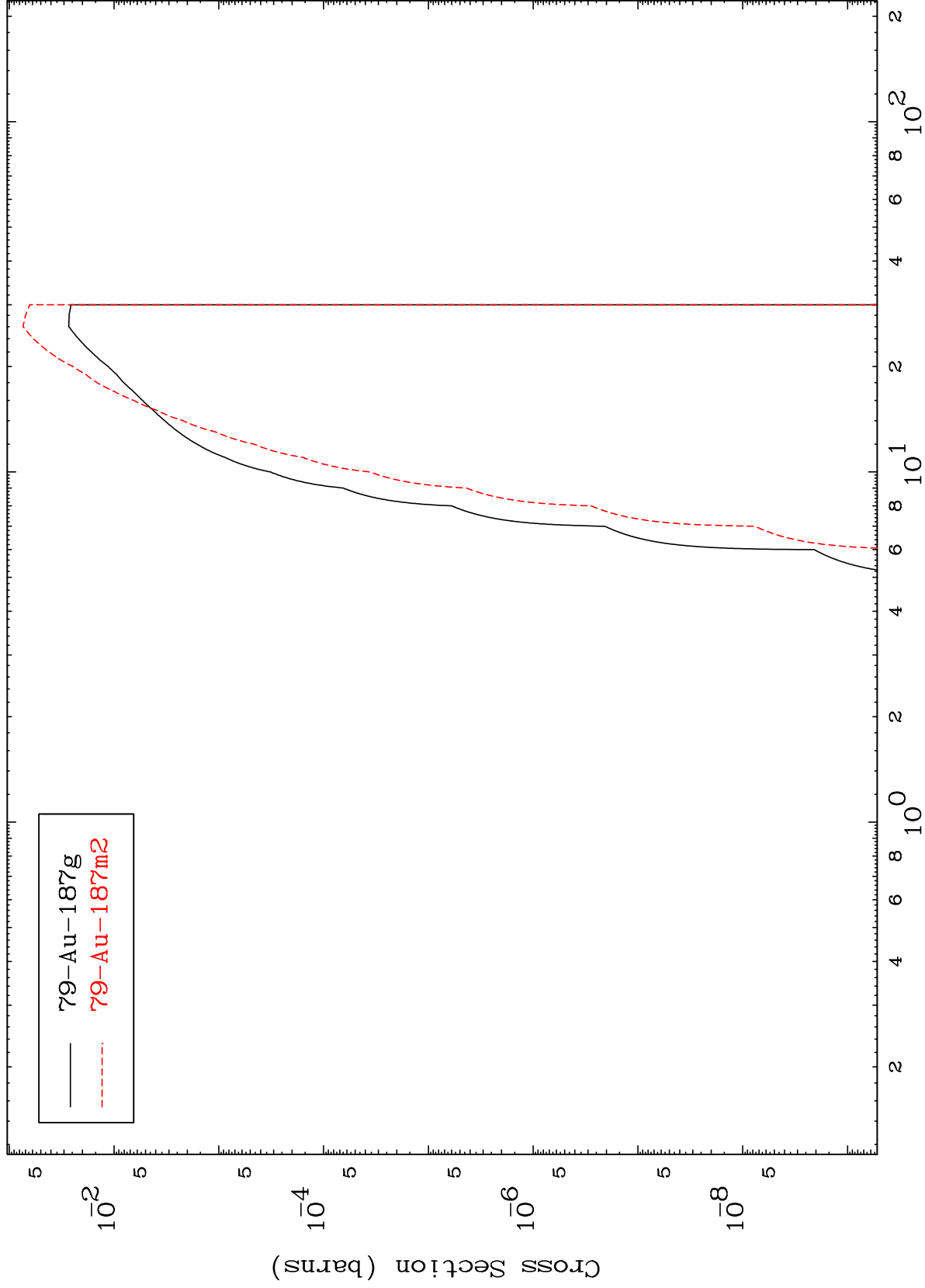
Radionuclide Production Cross Section  
(n,  $\gamma$ )



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79-Au-187

(n,d)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

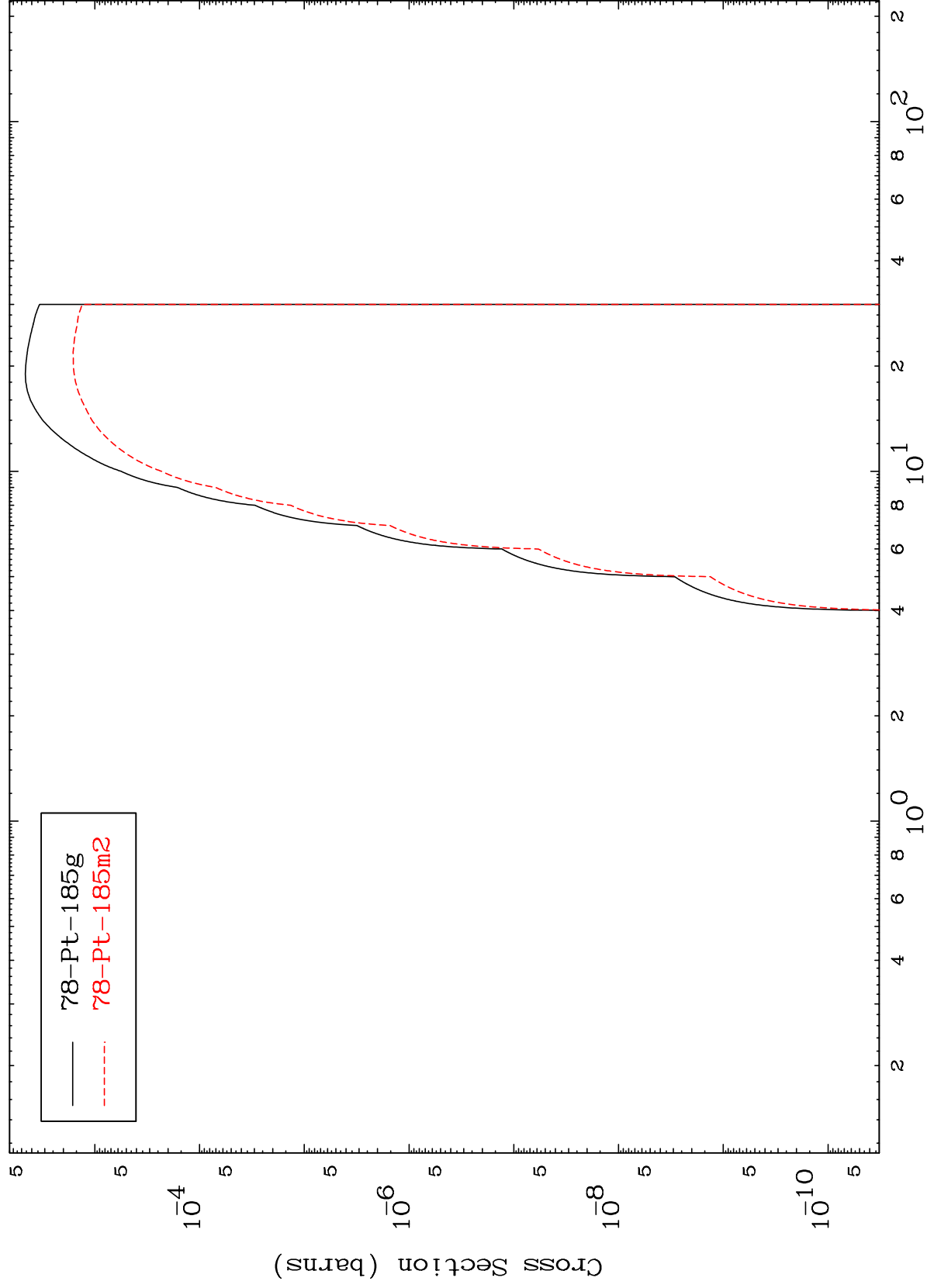
79-Au-187



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79-Au-187

Radionuclide Production Cross Section  
(n,  $\alpha$ )



24

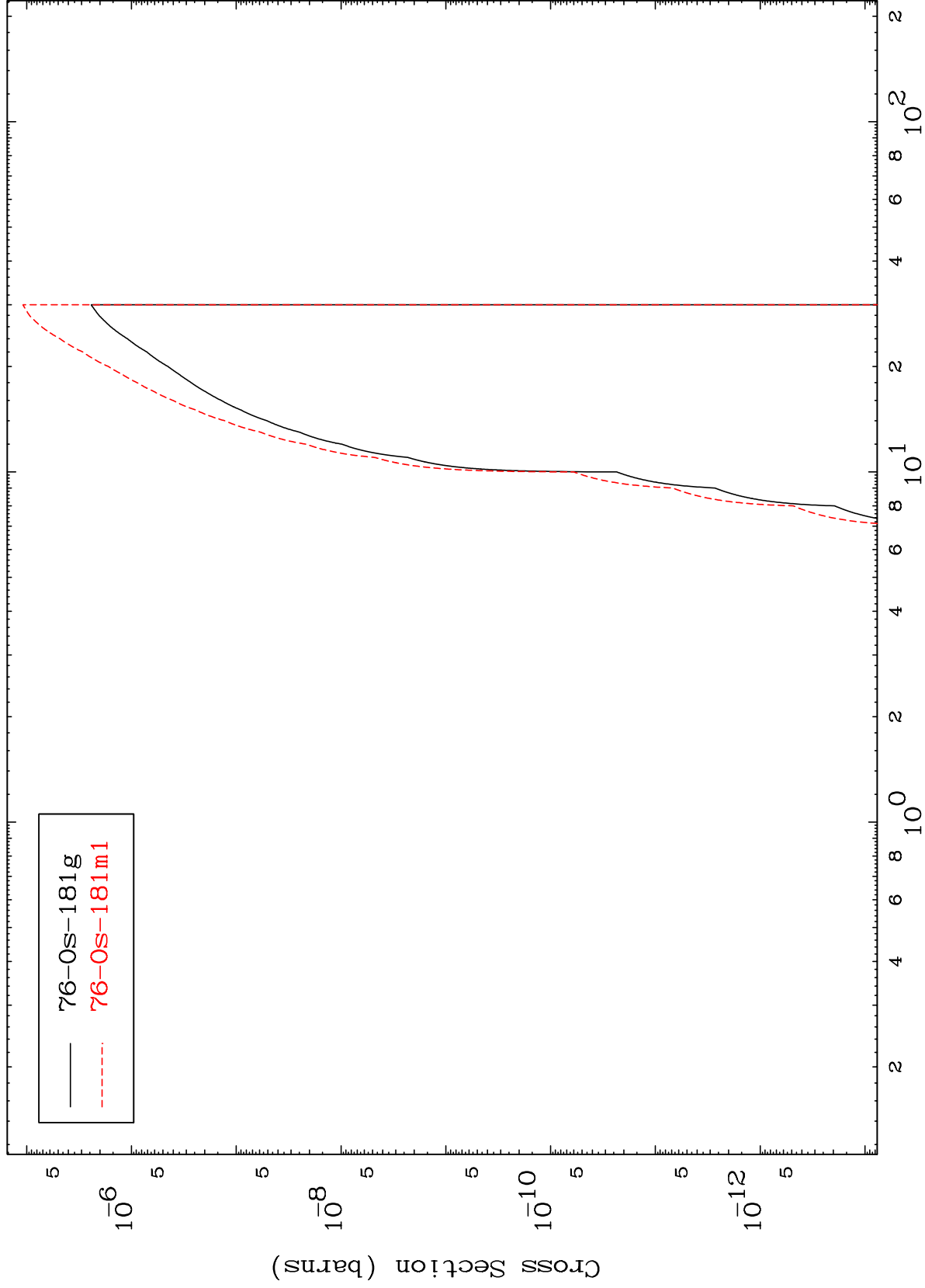
Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187

Radionuclide Production Cross Section  
(n,2α)



25

Incident Energy (MeV)

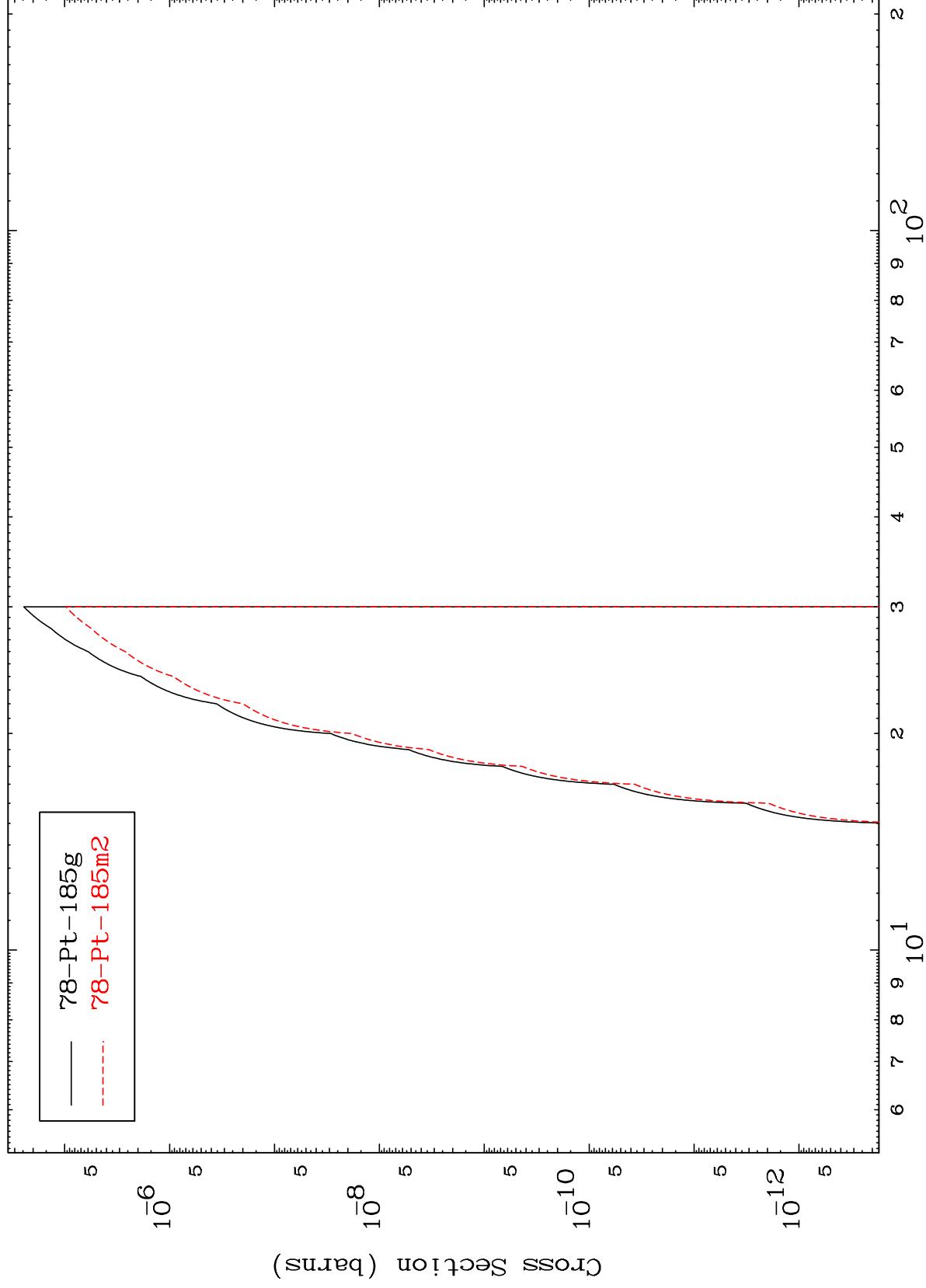
79-Au-187

MAT 7895

(n,p) t

79-Au-187

Radionuclide Production Cross Section



26

Incident Energy (MeV)

79-Au-187