

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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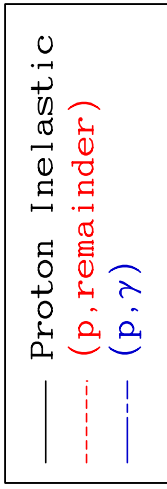
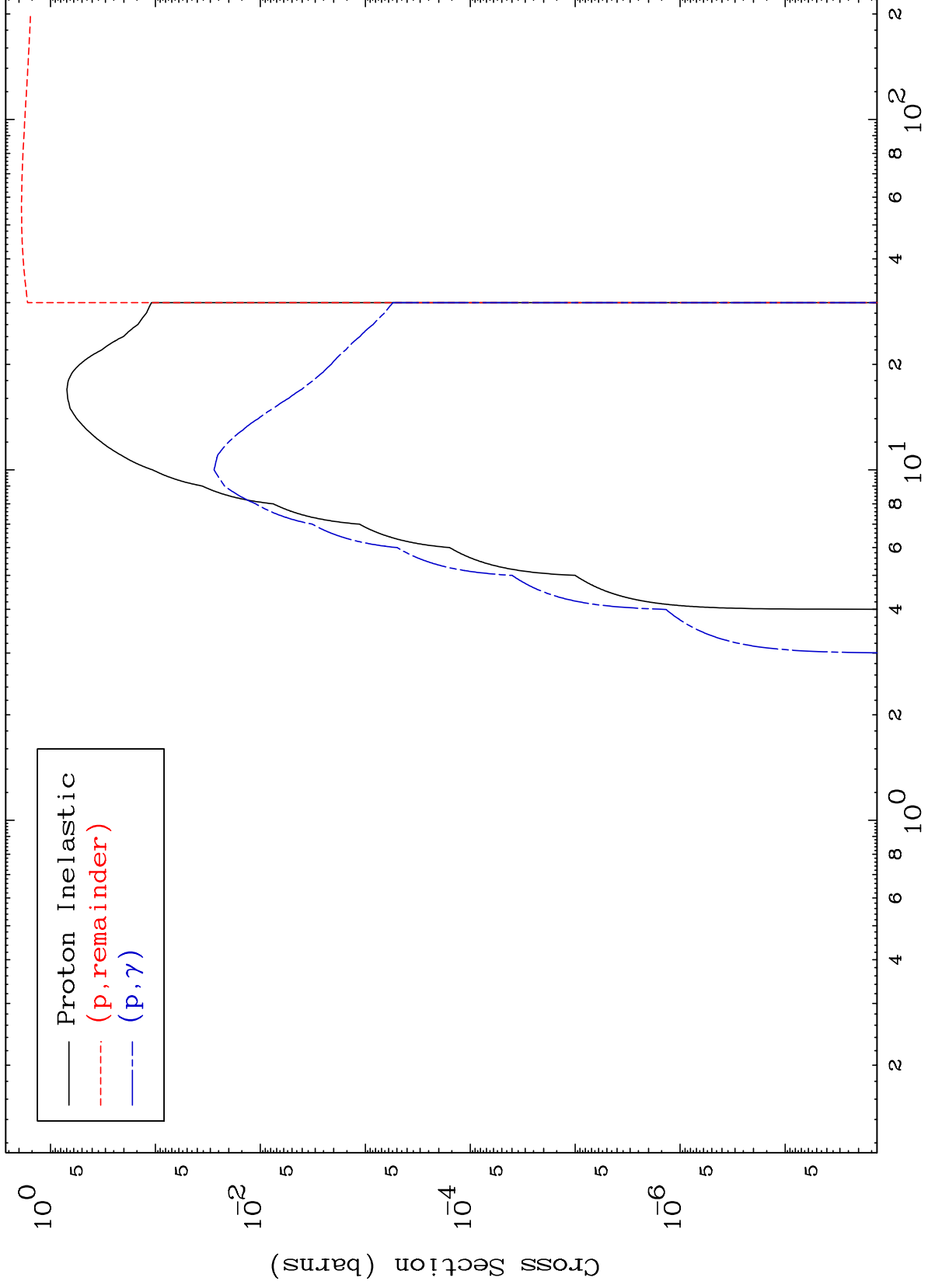
Tele: 925-443-1911

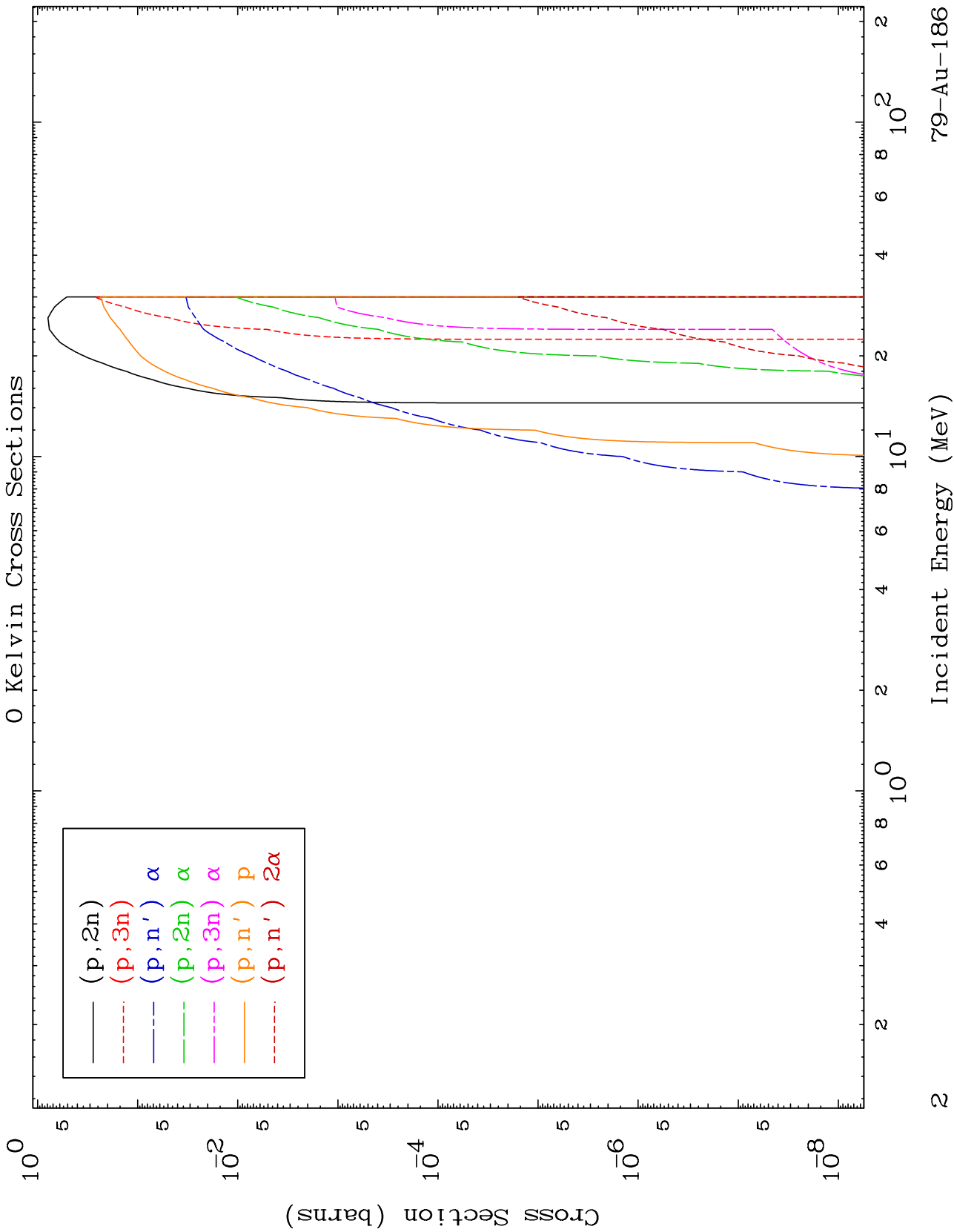
E.Mail:redcullen1@comcast.net

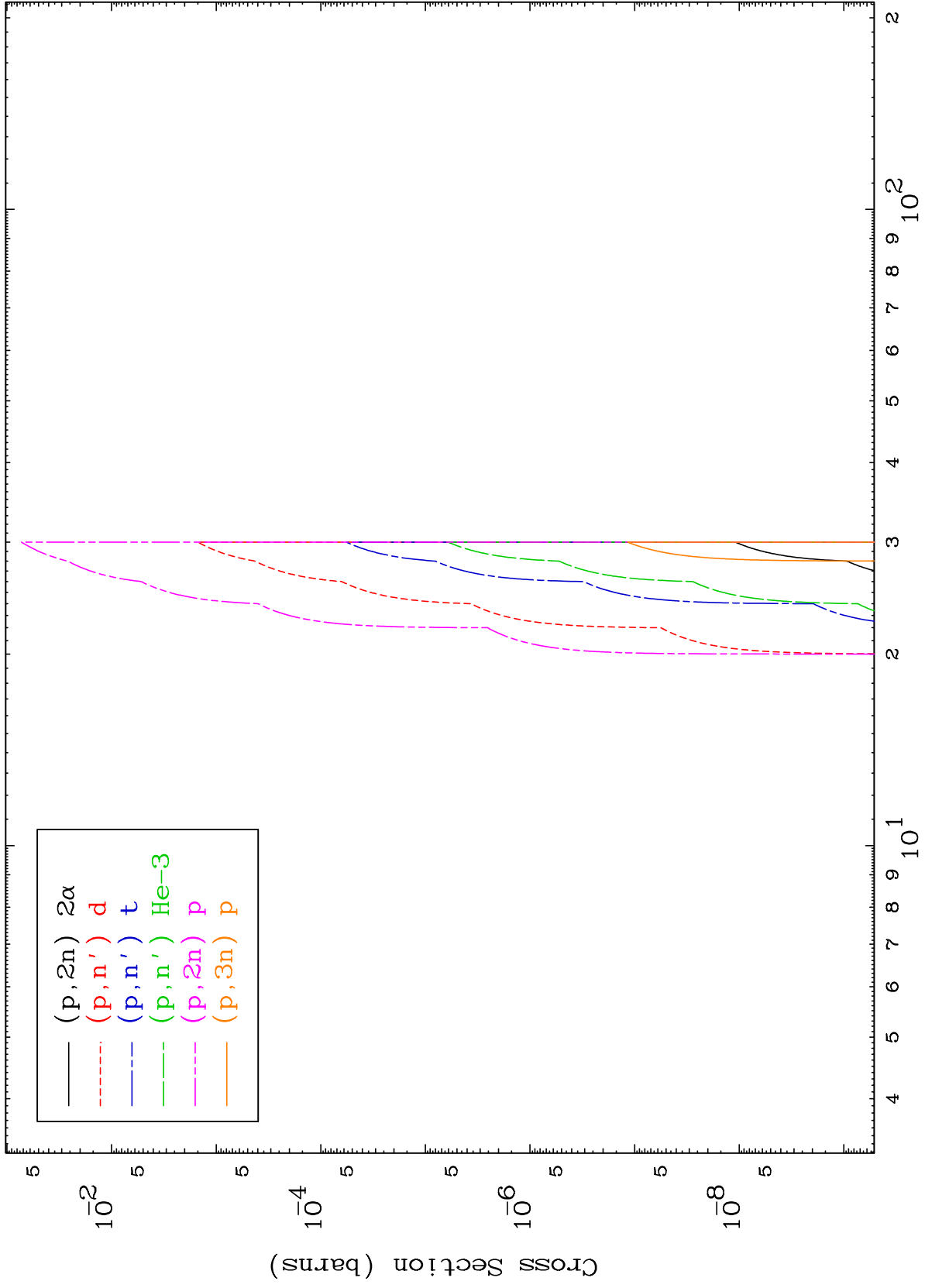
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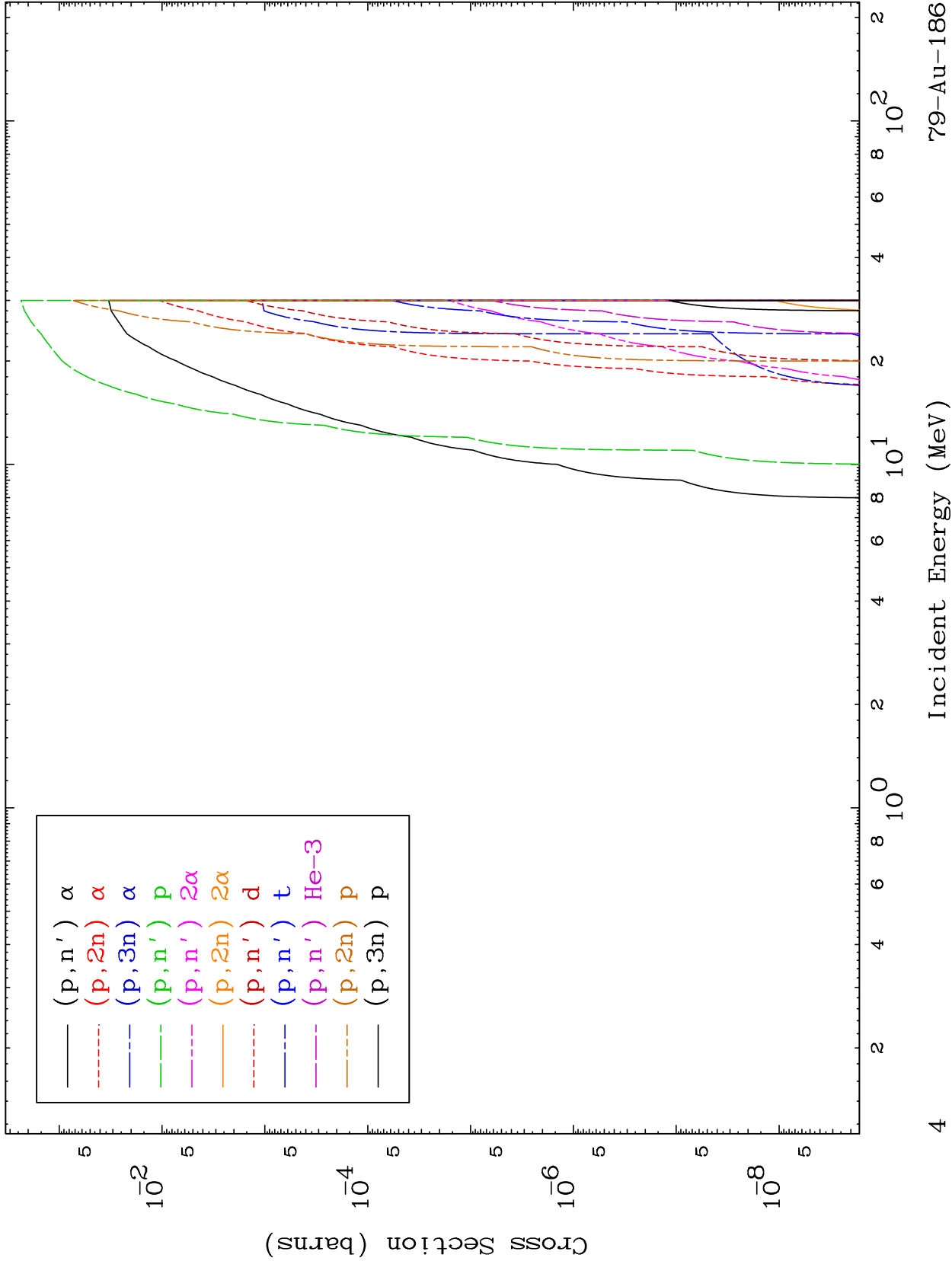
Press Mouse Button to Start

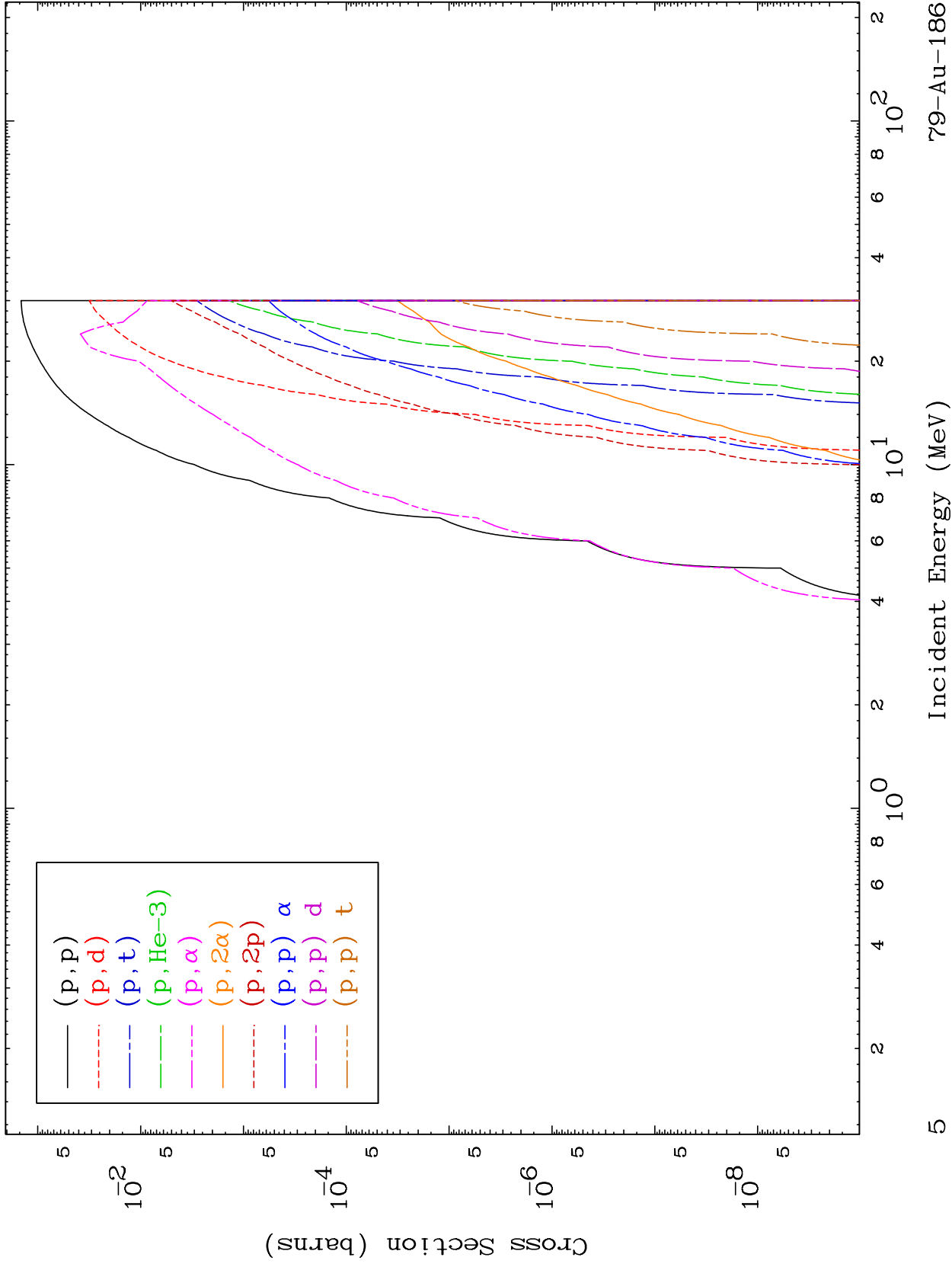
0 Kelvin Cross Sections









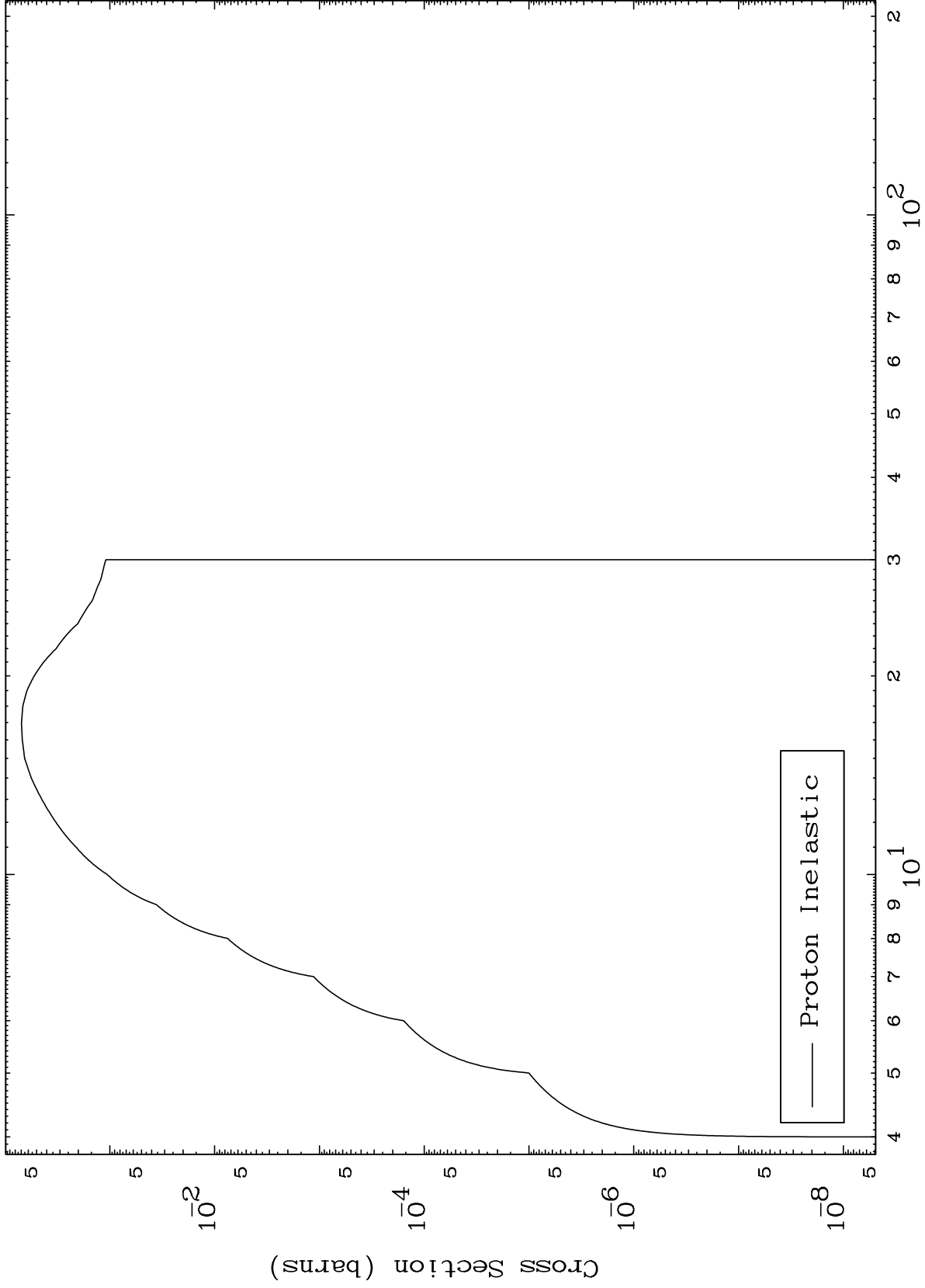


MAT 7892

(p,n') Level

79-Au-186

0 Kelvin Cross Sections



6

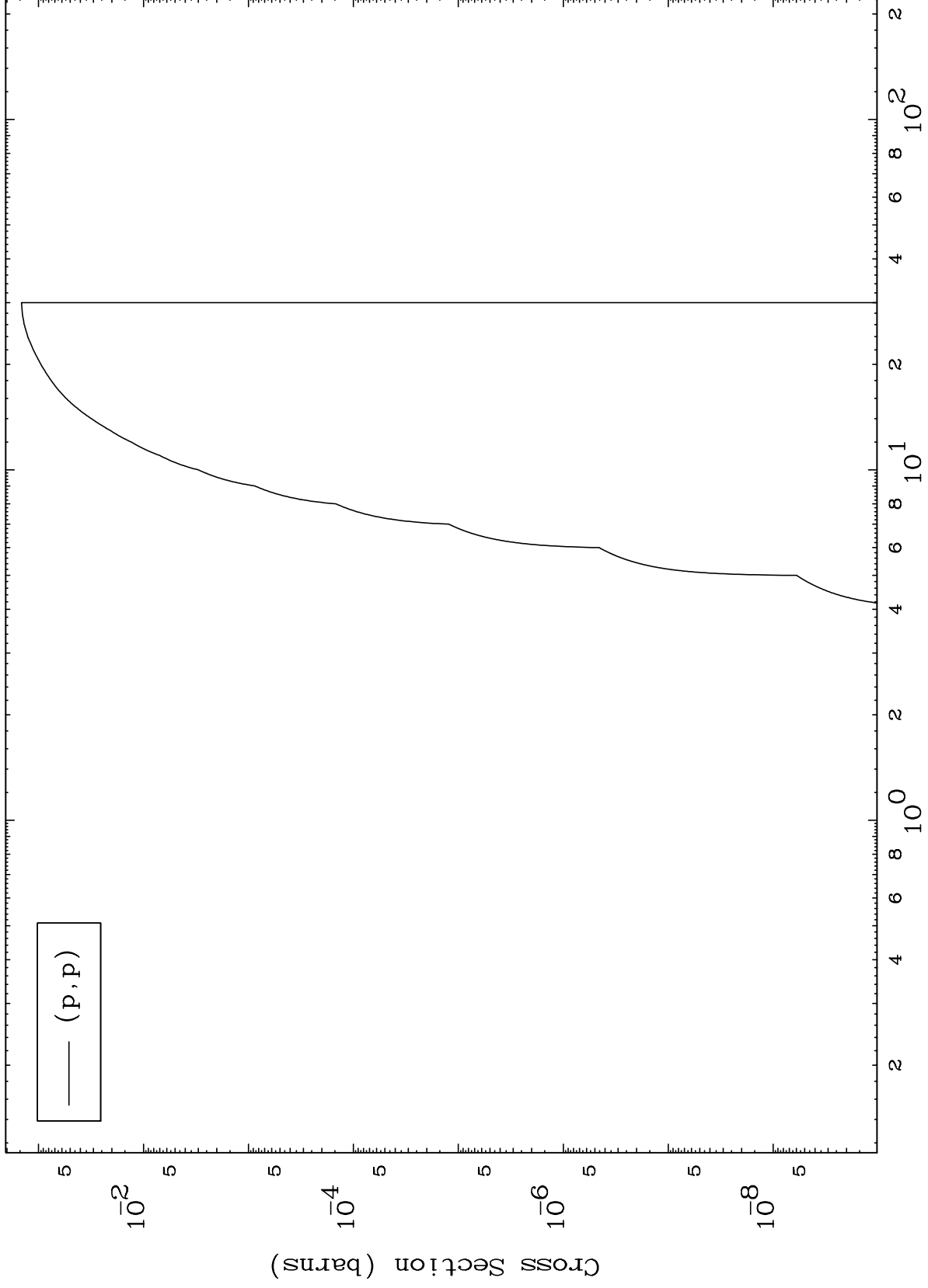
Incident Energy (MeV)

79-Au-186

MAT 7892

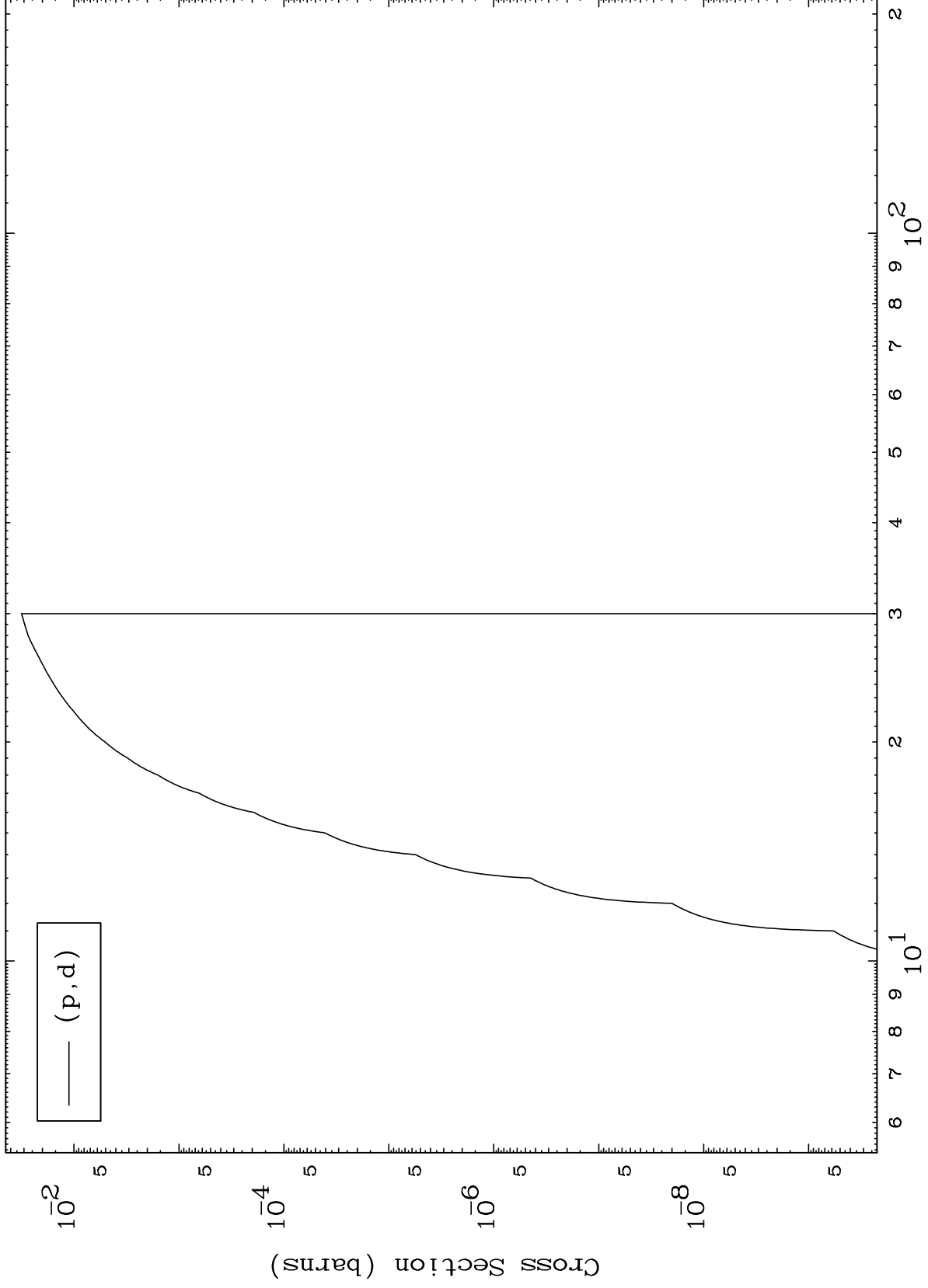
(p,p) Levels  
0 Kelvin Cross Sections

79-Au-186





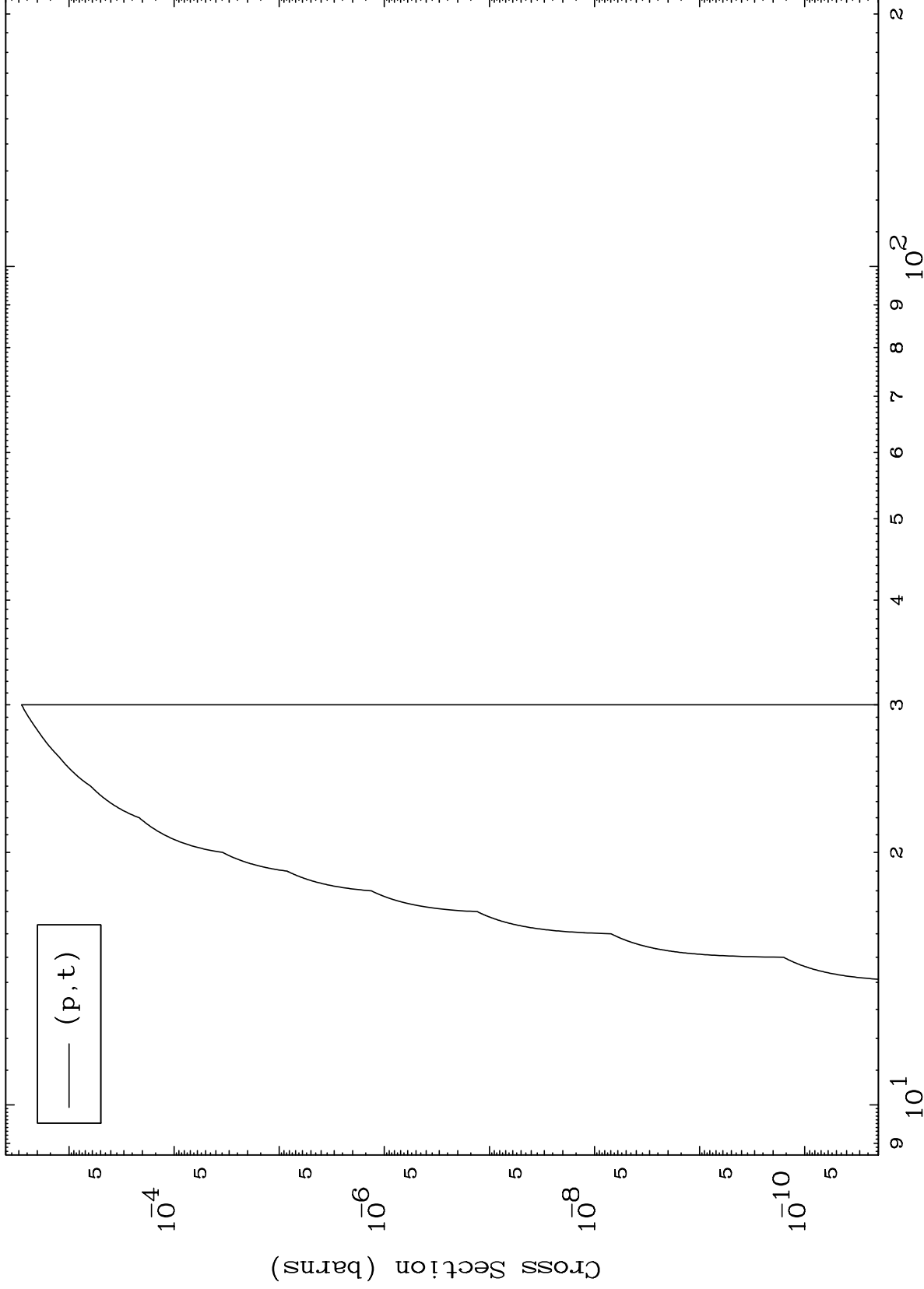
(p,d) Levels  
0 Kelvin Cross Sections



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(p, t) Levels  
0 Kelvin Cross Sections

79-Au-186



Incident Energy (MeV)

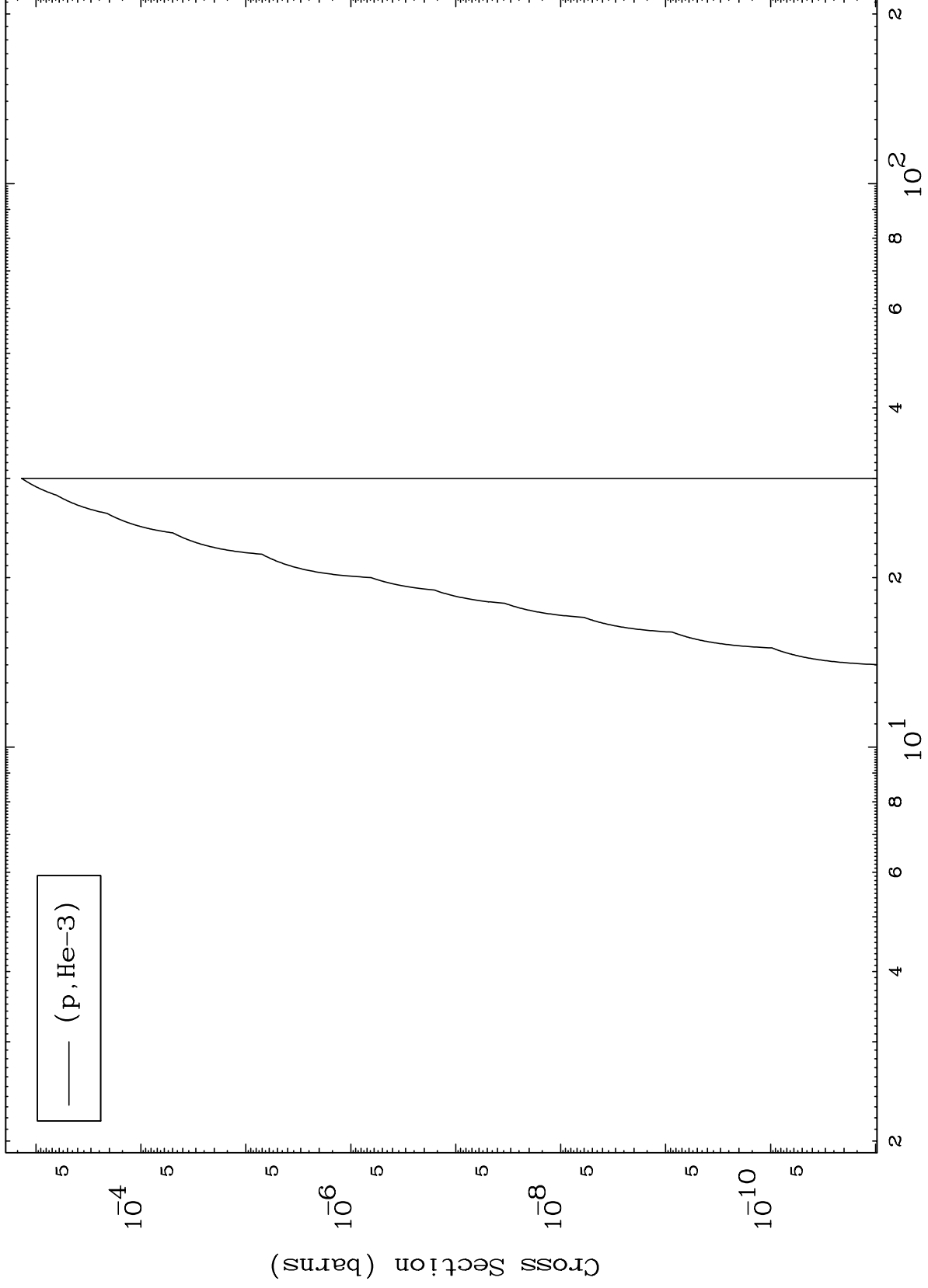
79-Au-186

MAT 7892

(p,He3) Levels

79-Au-186

0 Kelvin Cross Sections



10

Incident Energy (MeV)

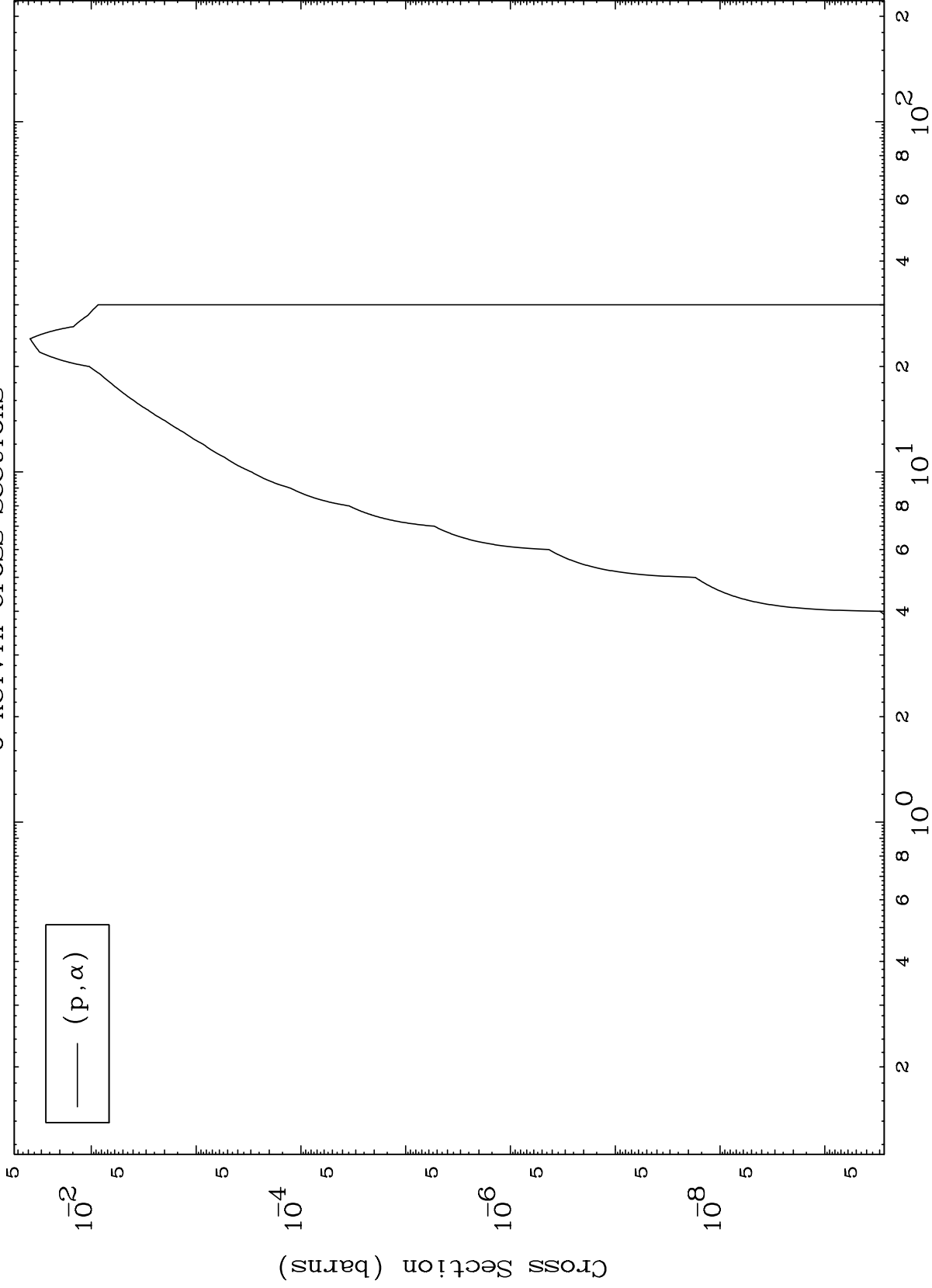
79-Au-186

MAT 7892

(p,  $\alpha$ ) Levels

79-Au-186

0 Kelvin Cross Sections

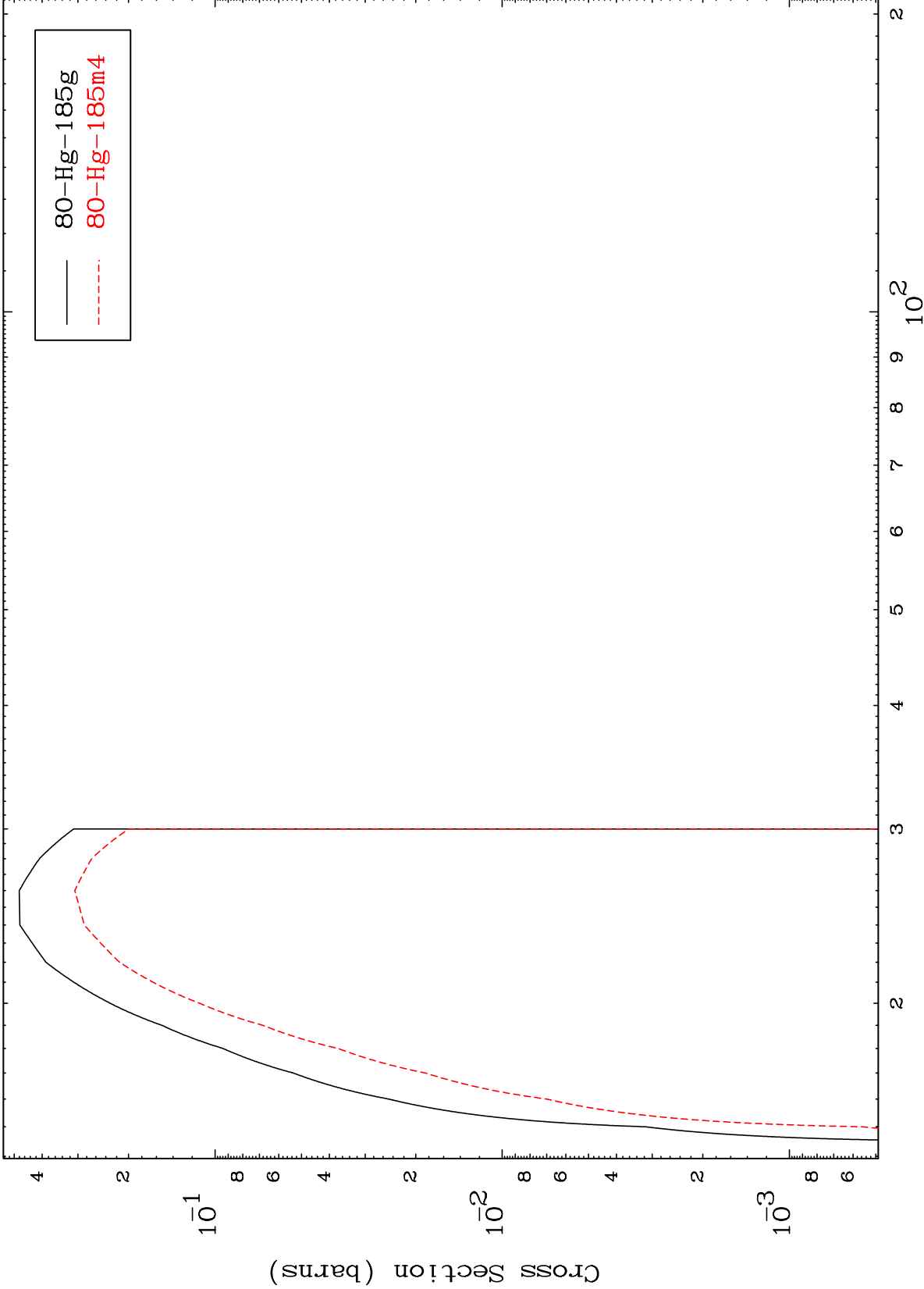


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(p,2n)

79-Au-186

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

12

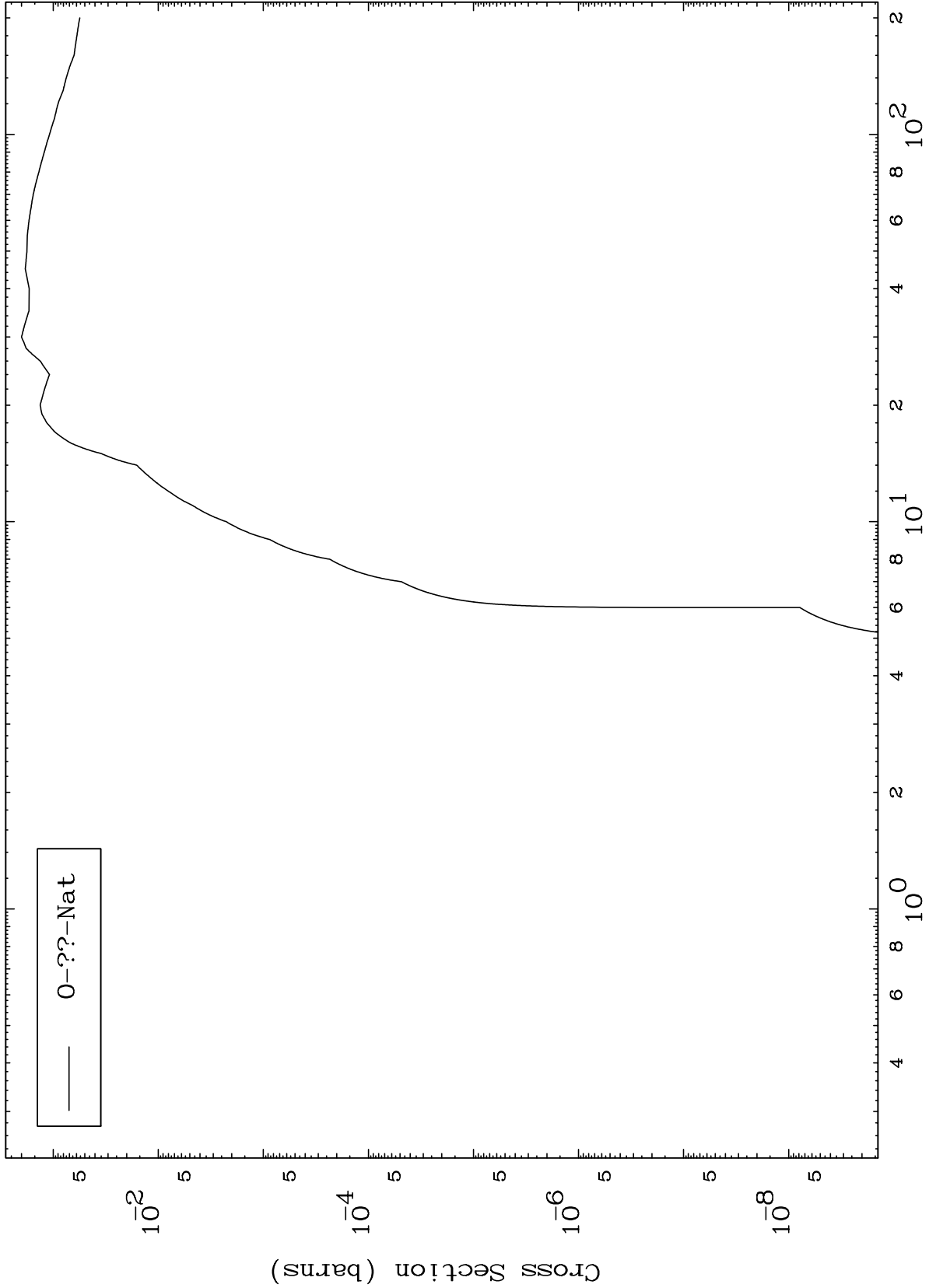
Incident Energy (MeV)

79-Au-186

MAT 7892

<sup>79</sup>Au-186

Proton Fission  
Radionuclide Production Cross Section



<sup>79</sup>Au-186

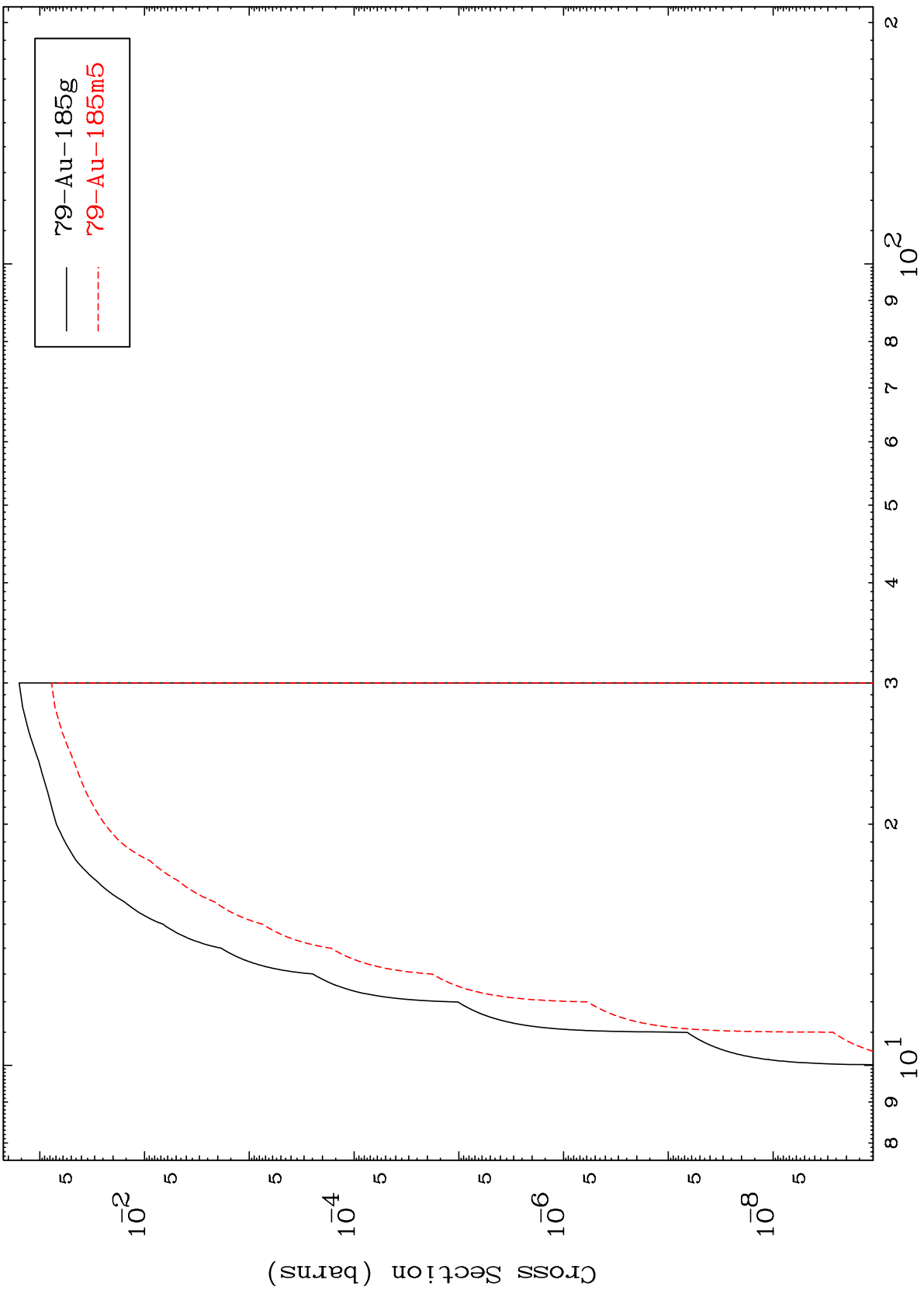
Incident Energy (MeV)

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<sup>79</sup>Au-186

(p,n') p

Radionuclide Production Cross Section



14

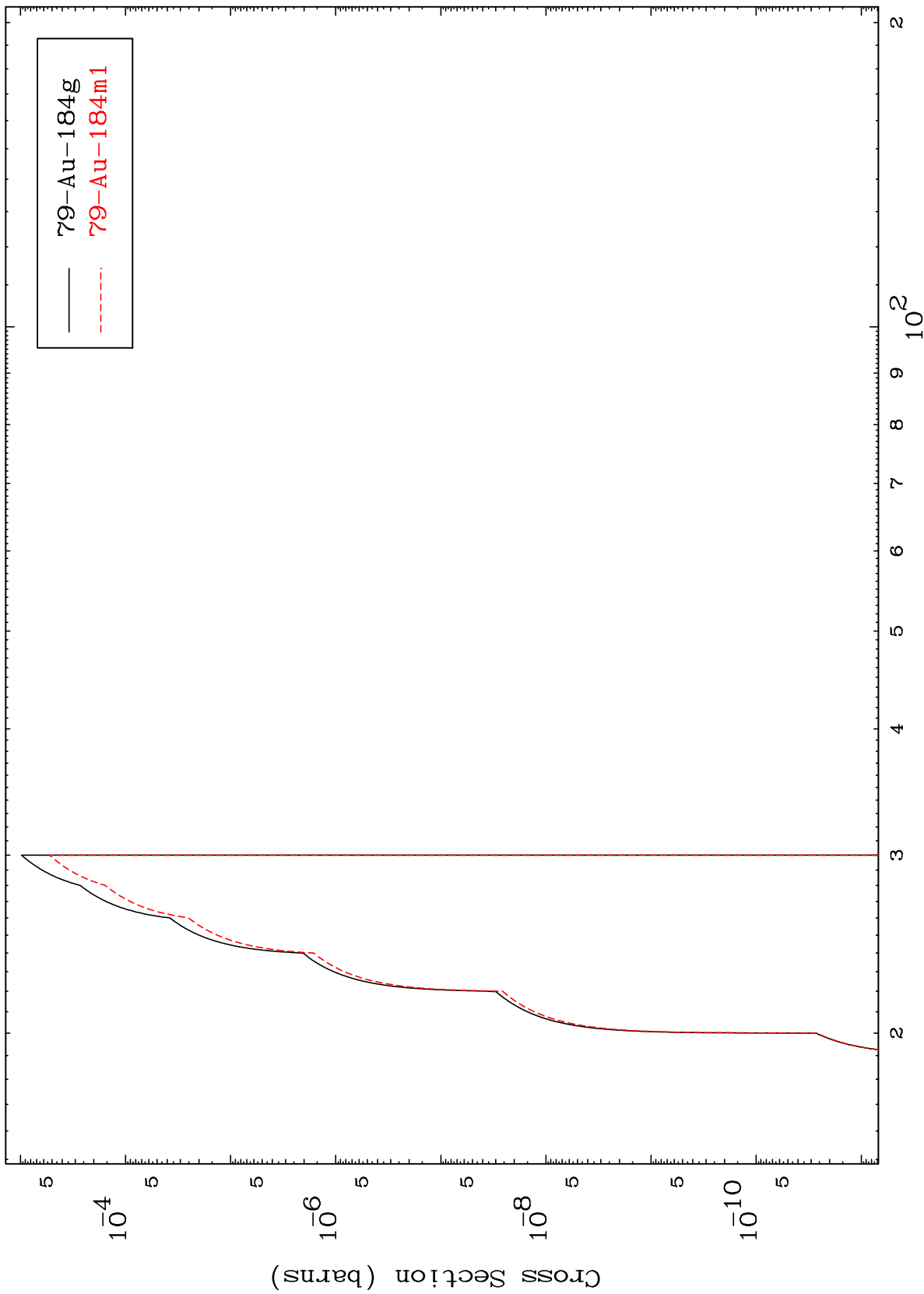
Incident Energy (MeV)

<sup>79</sup>Au-186

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<sup>79</sup>Au-186

(p,n') d  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>79</sup>Au-186

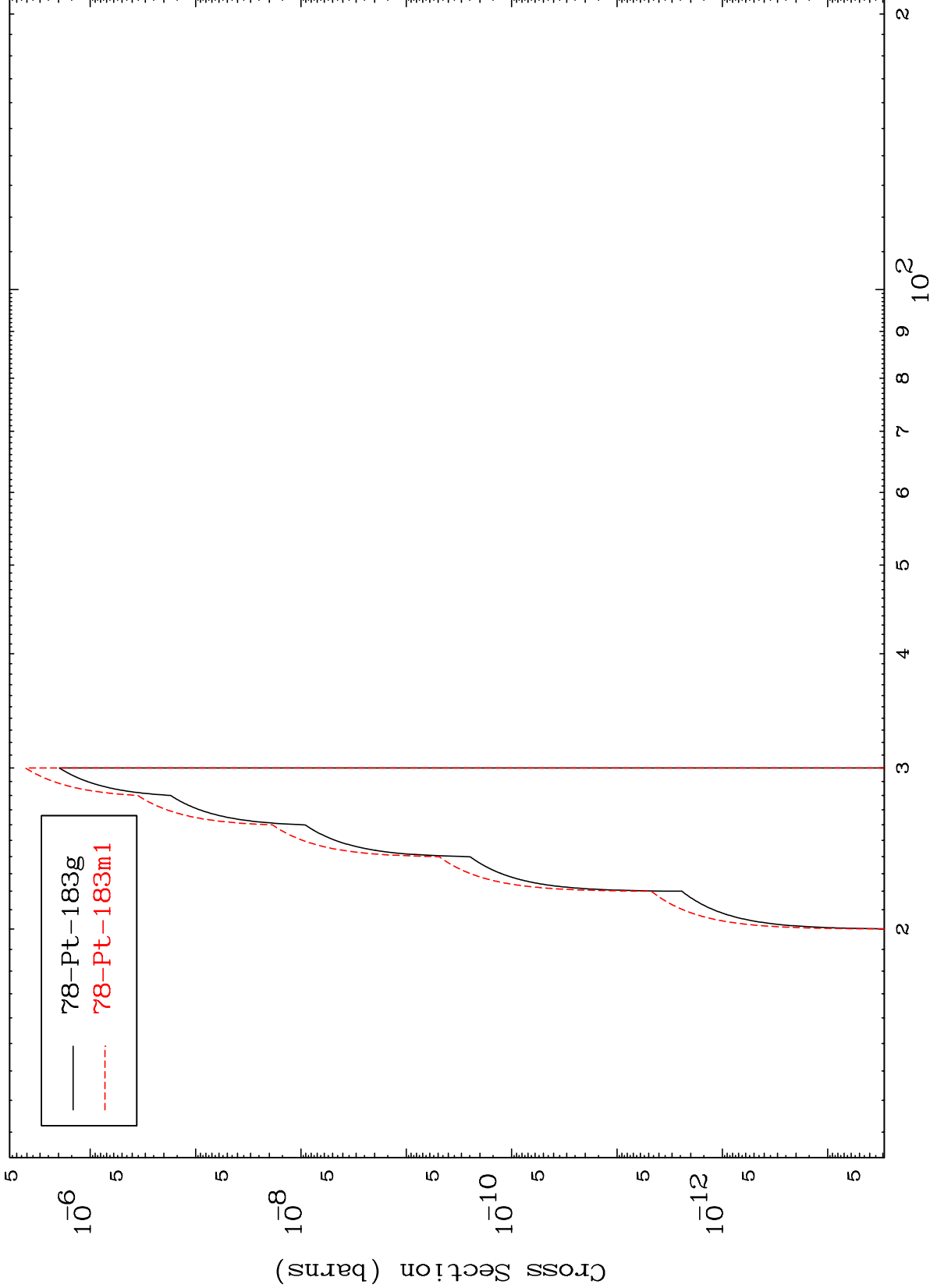


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(p,n') He-3

79-Au-186

Radionuclide Production Cross Section



16

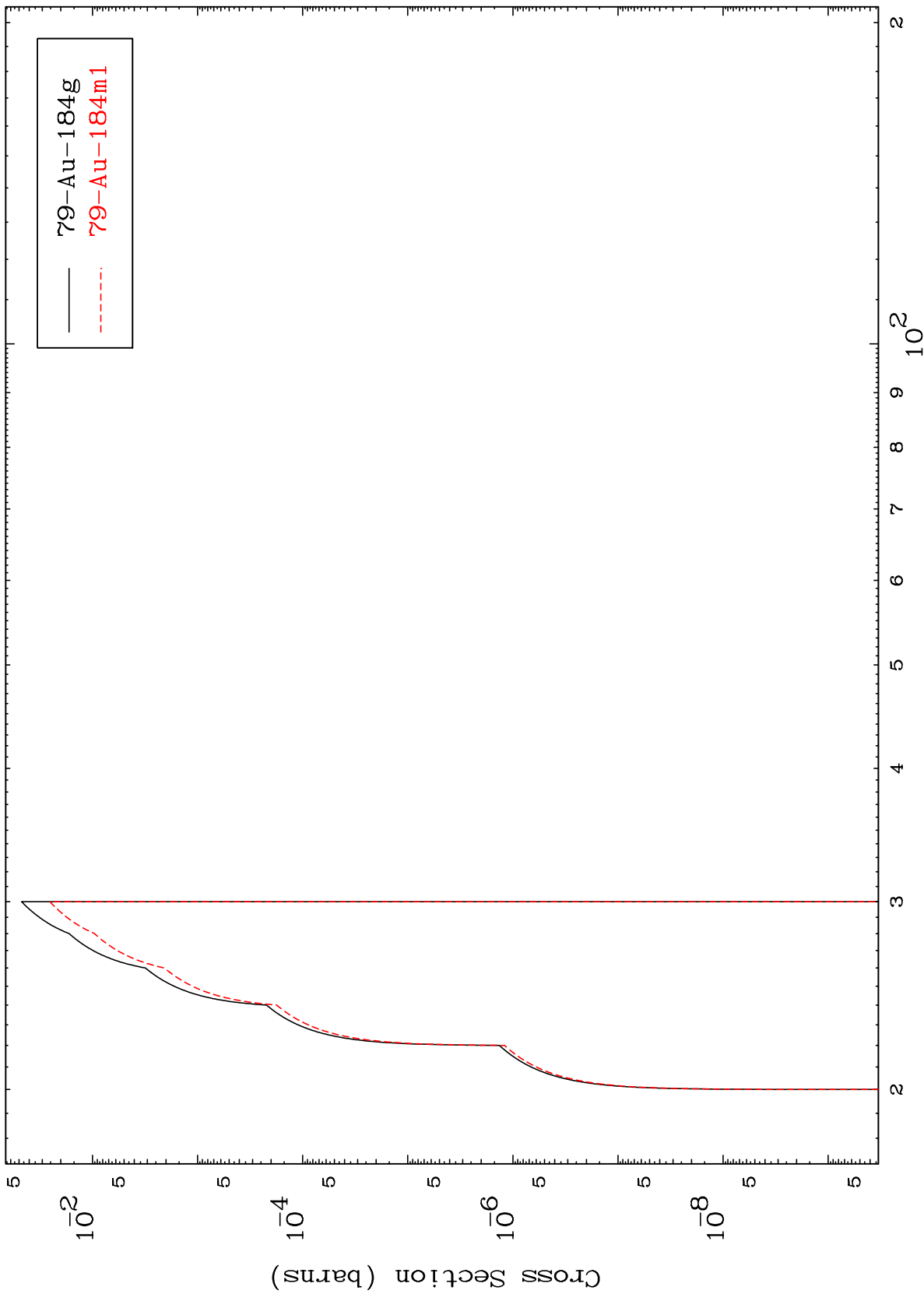
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

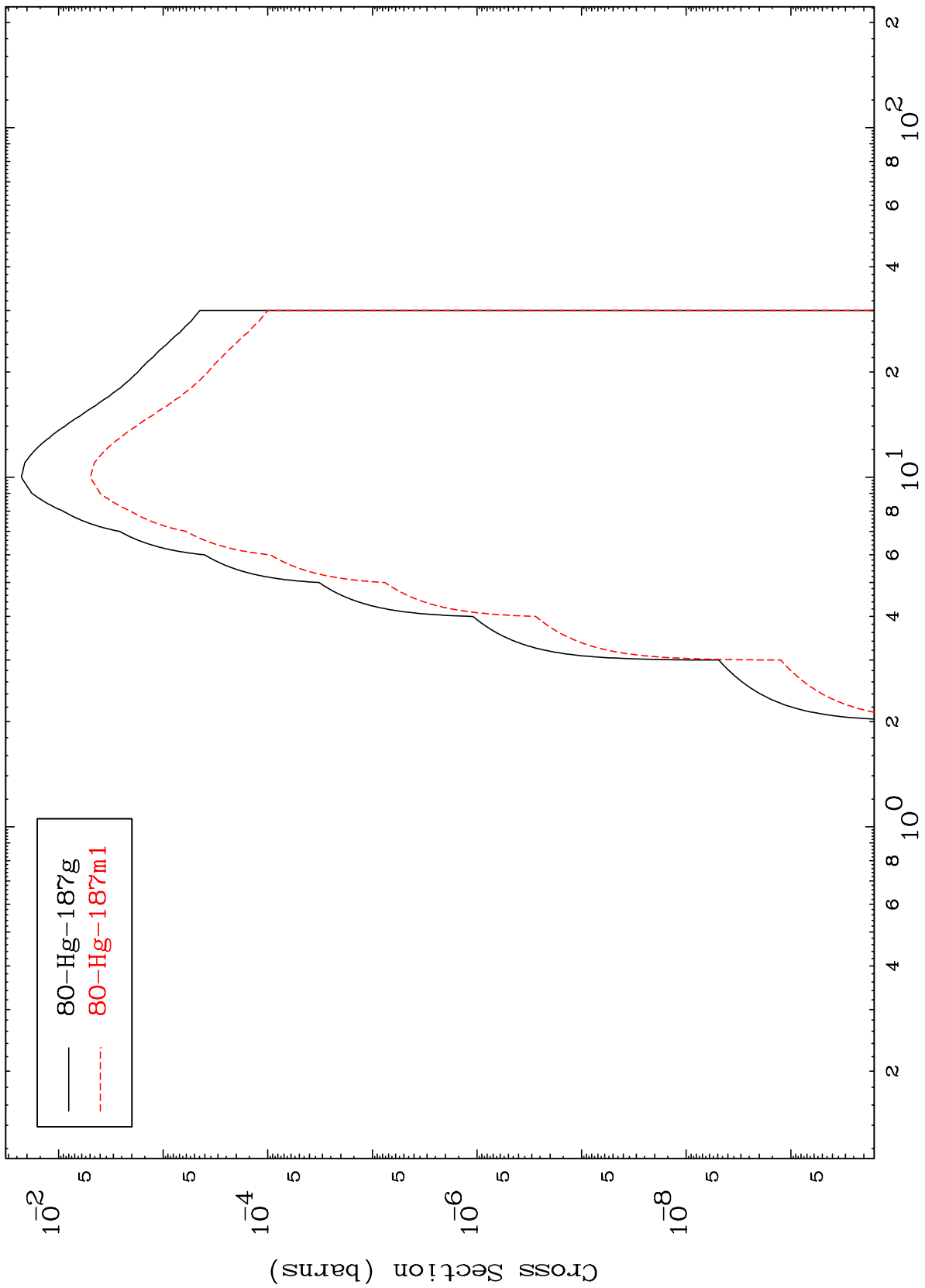
(p,2n) p  
Radionuclide Production Cross Section



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79-Au-186

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



18

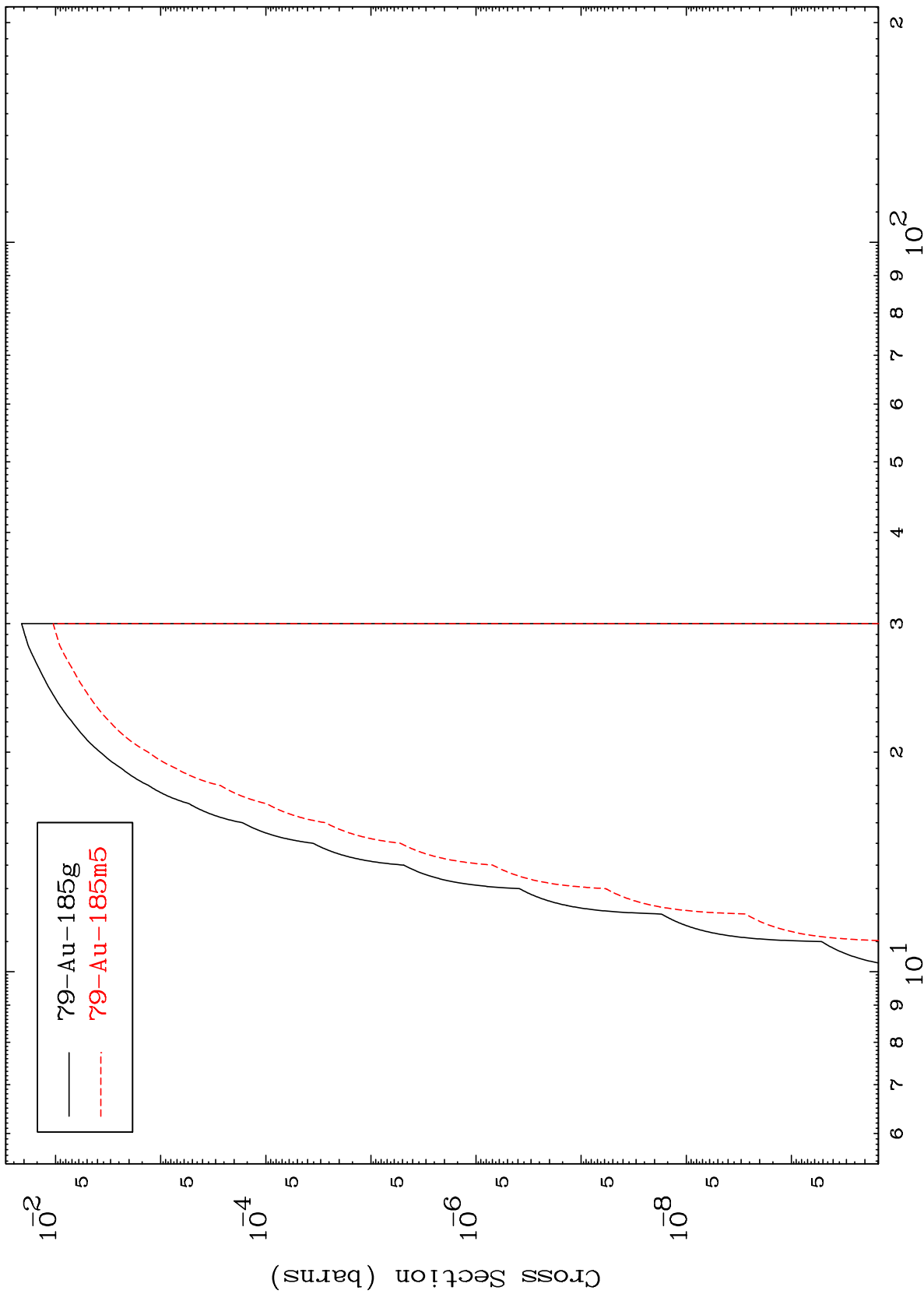
79-Au-186

Incident Energy (MeV)

MAT 7892

<sup>79</sup>Au-186

(p,d)  
Radionuclide Production Cross Section



— <sup>79</sup>Au-185g  
- - - <sup>79</sup>Au-185m5

<sup>79</sup>Au-186

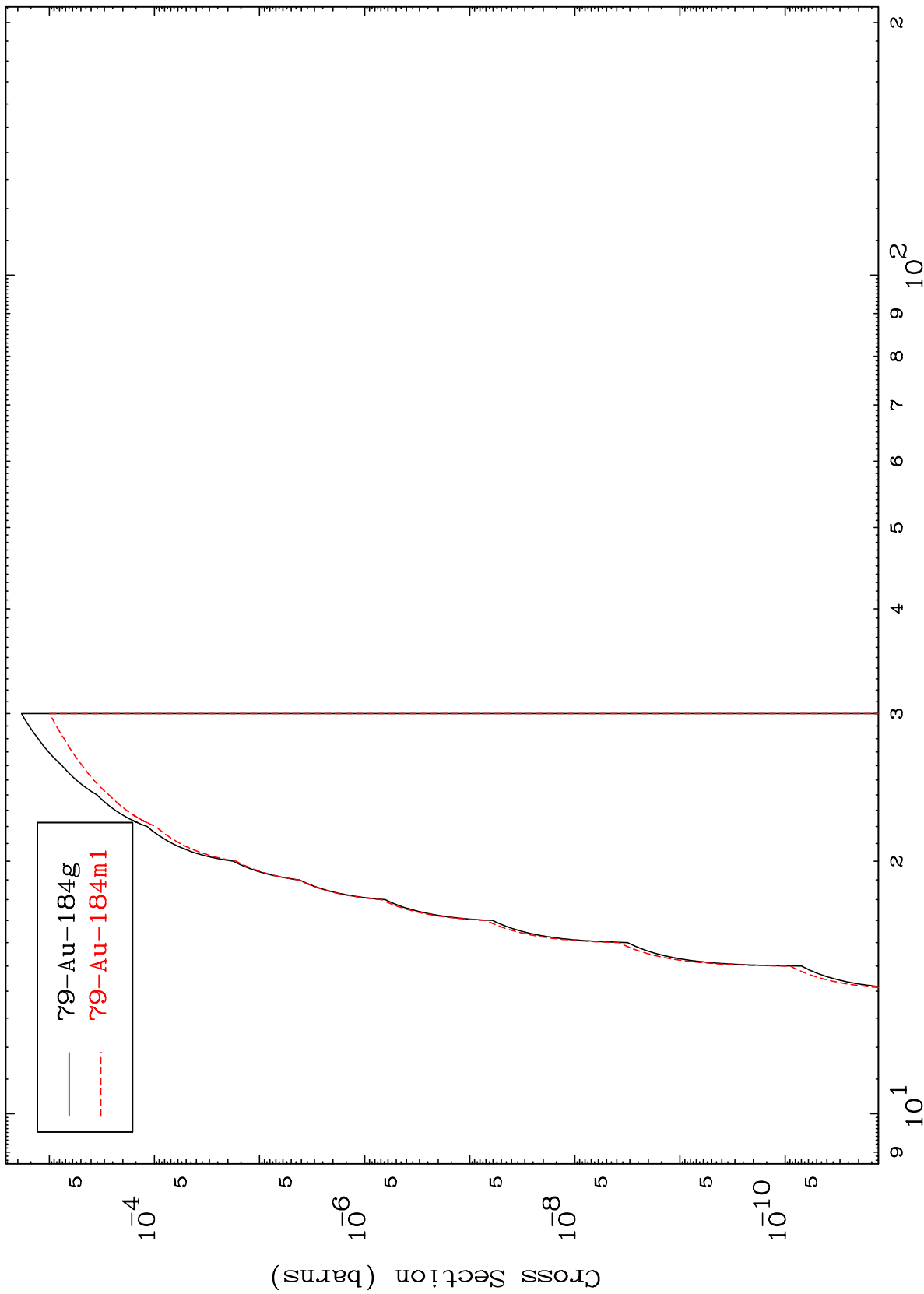
Incident Energy (MeV)

19

MAT 7892

<sup>79</sup>Au-186

(p, t)  
Radionuclide Production Cross Section



<sup>79</sup>Au-186

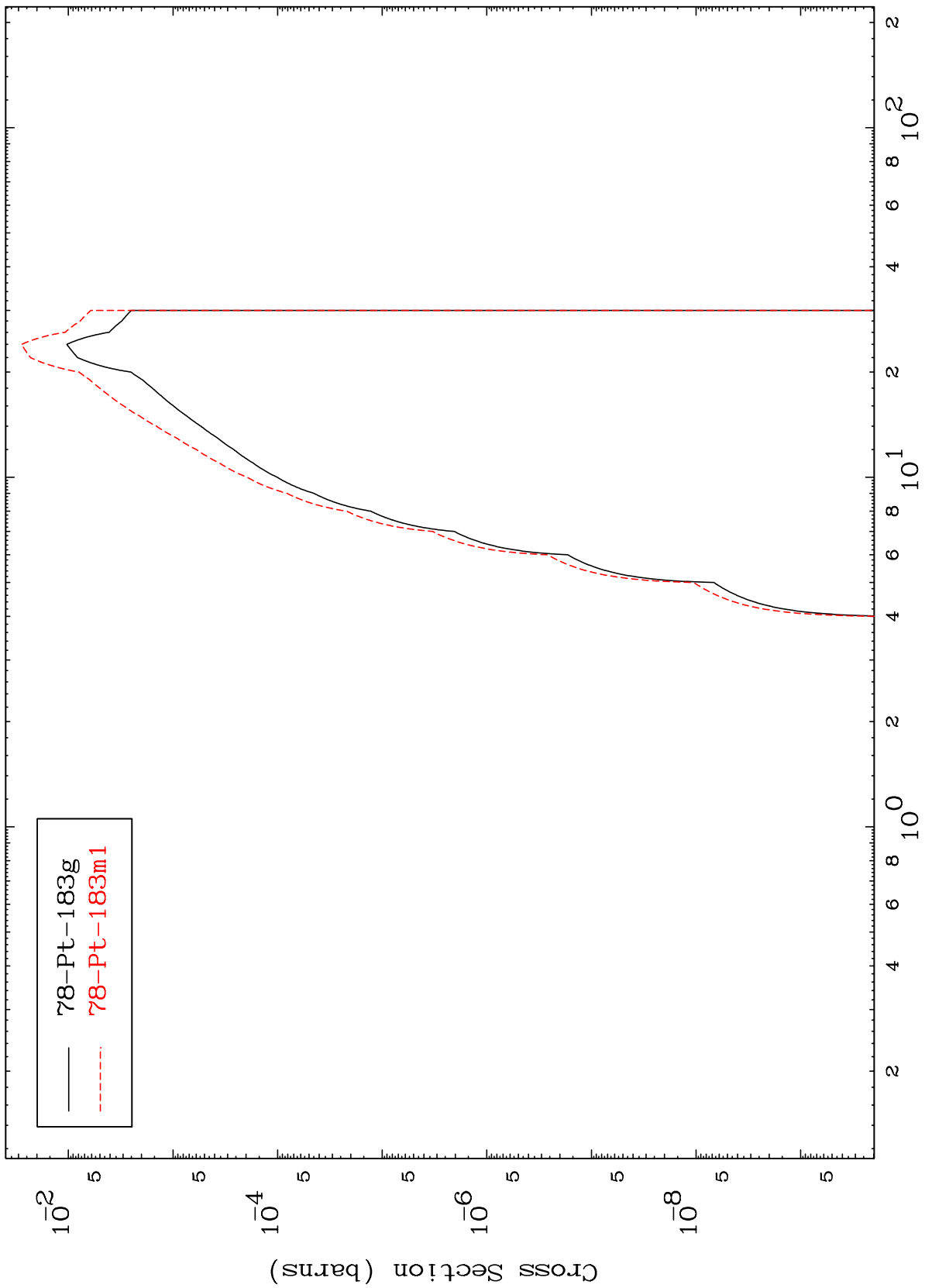
Incident Energy (MeV)

20

MAT 7892

79-Au-186

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



78-Pt-183g  
78-Pt-183m1

79-Au-186

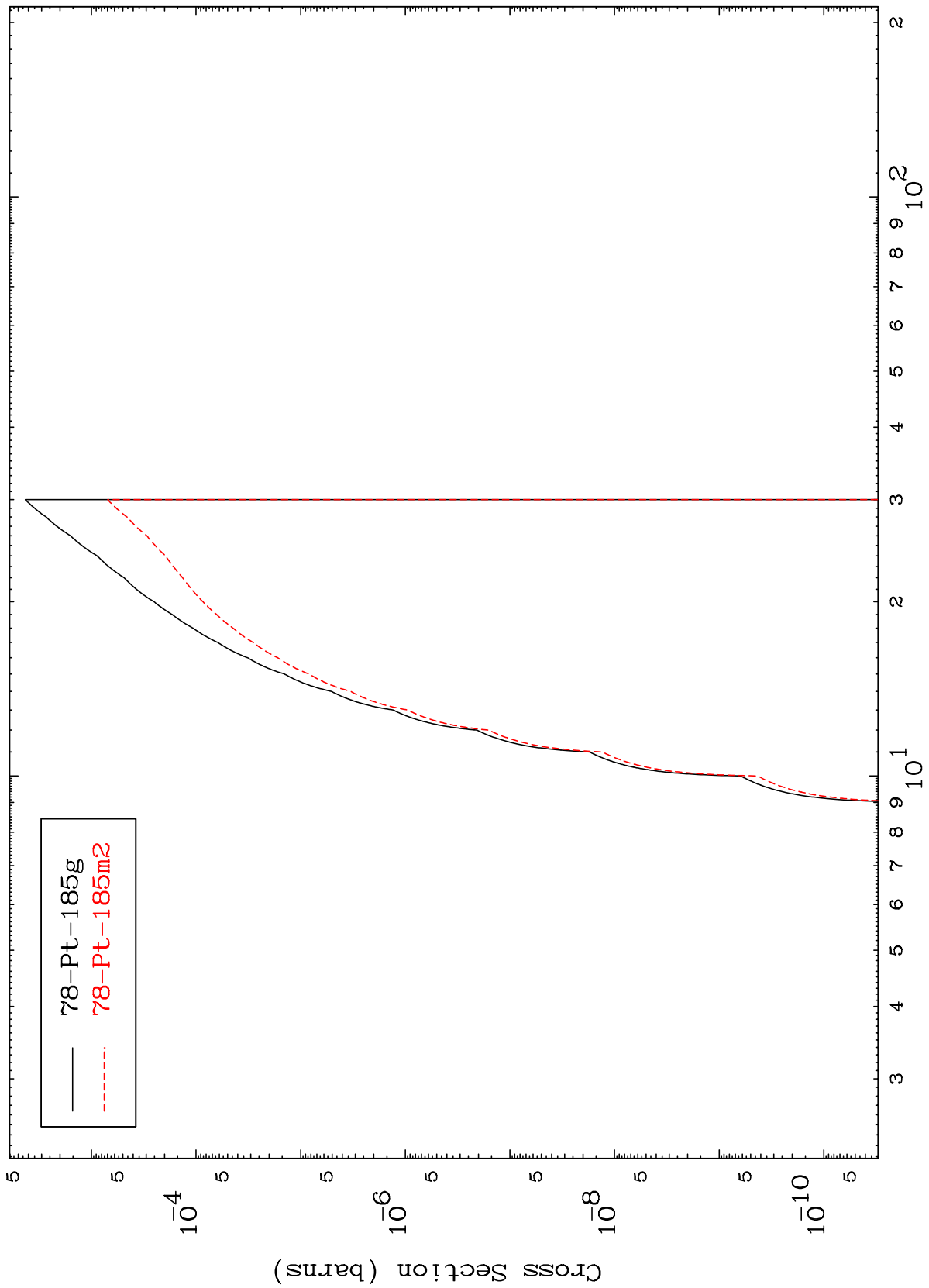
Incident Energy (MeV)

21

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79-Au-186

(p,2p)  
Radionuclide Production Cross Section



79-Au-186

Incident Energy (MeV)

22

MAT 7892

(p,p) t

79-Au-186

Radionuclide Production Cross Section

