

Program EVALPLOT  
(Version 2018-1)

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)

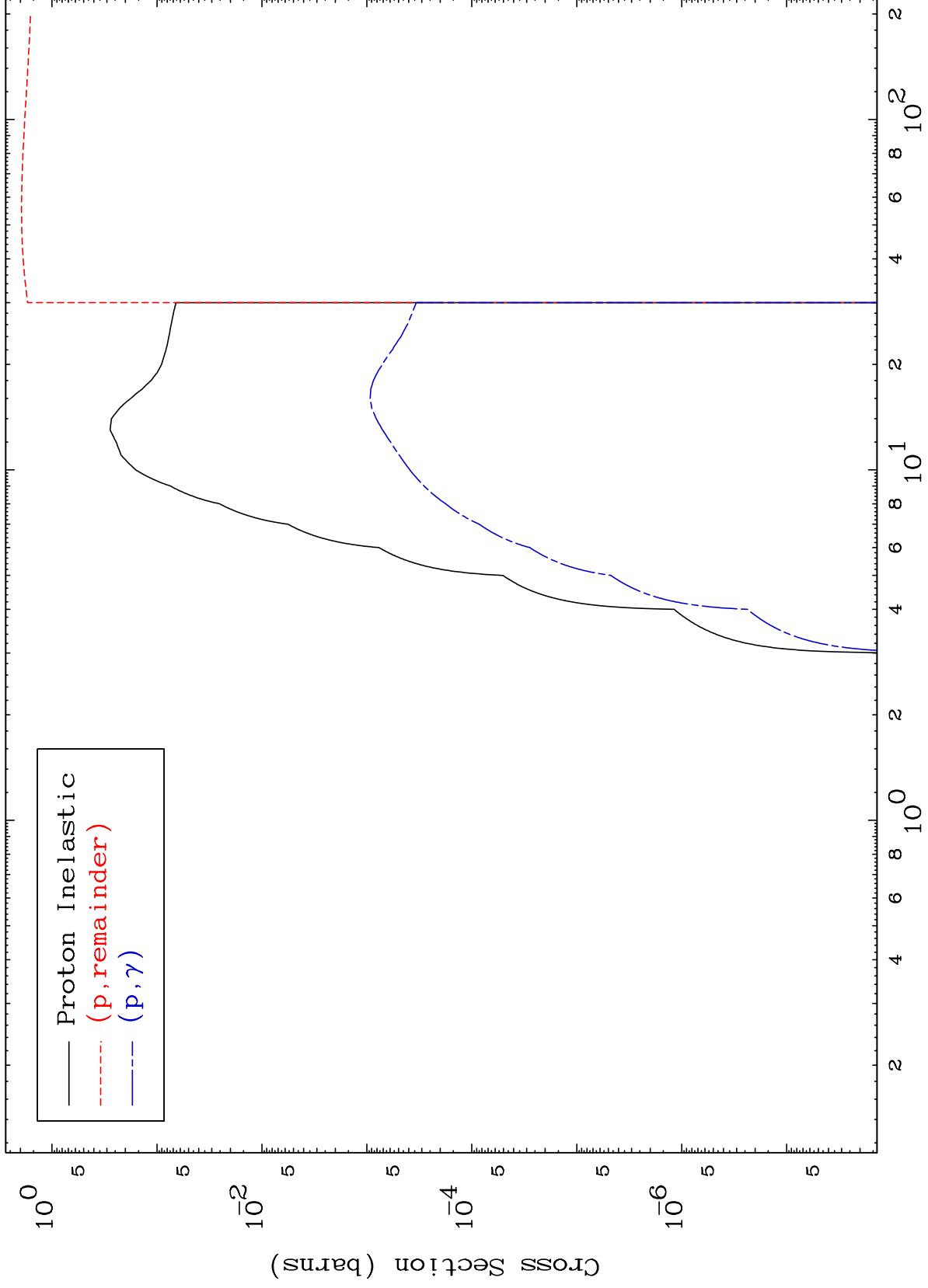
Press Mouse Button to Start

MAT 7916

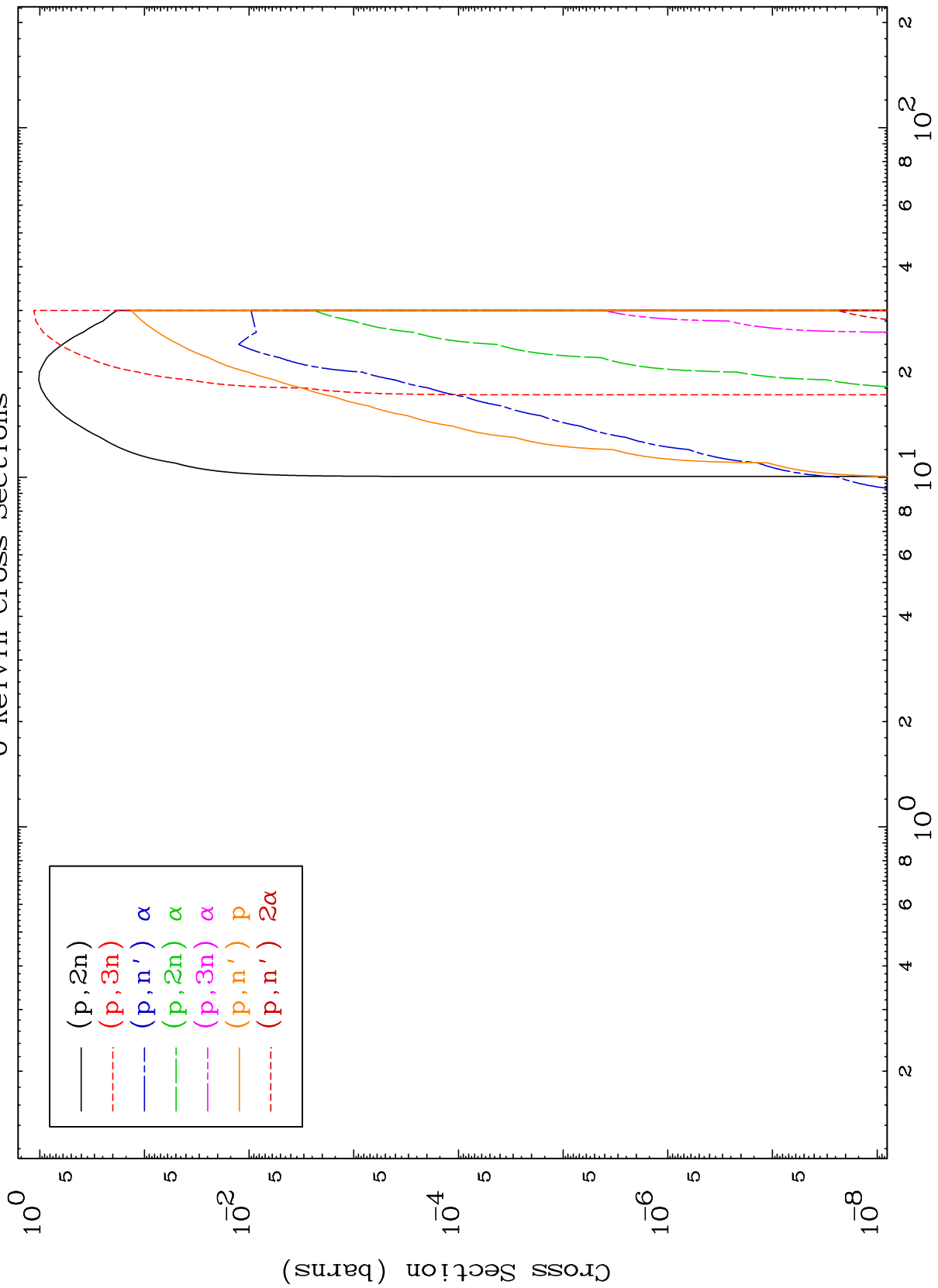
Proton Major

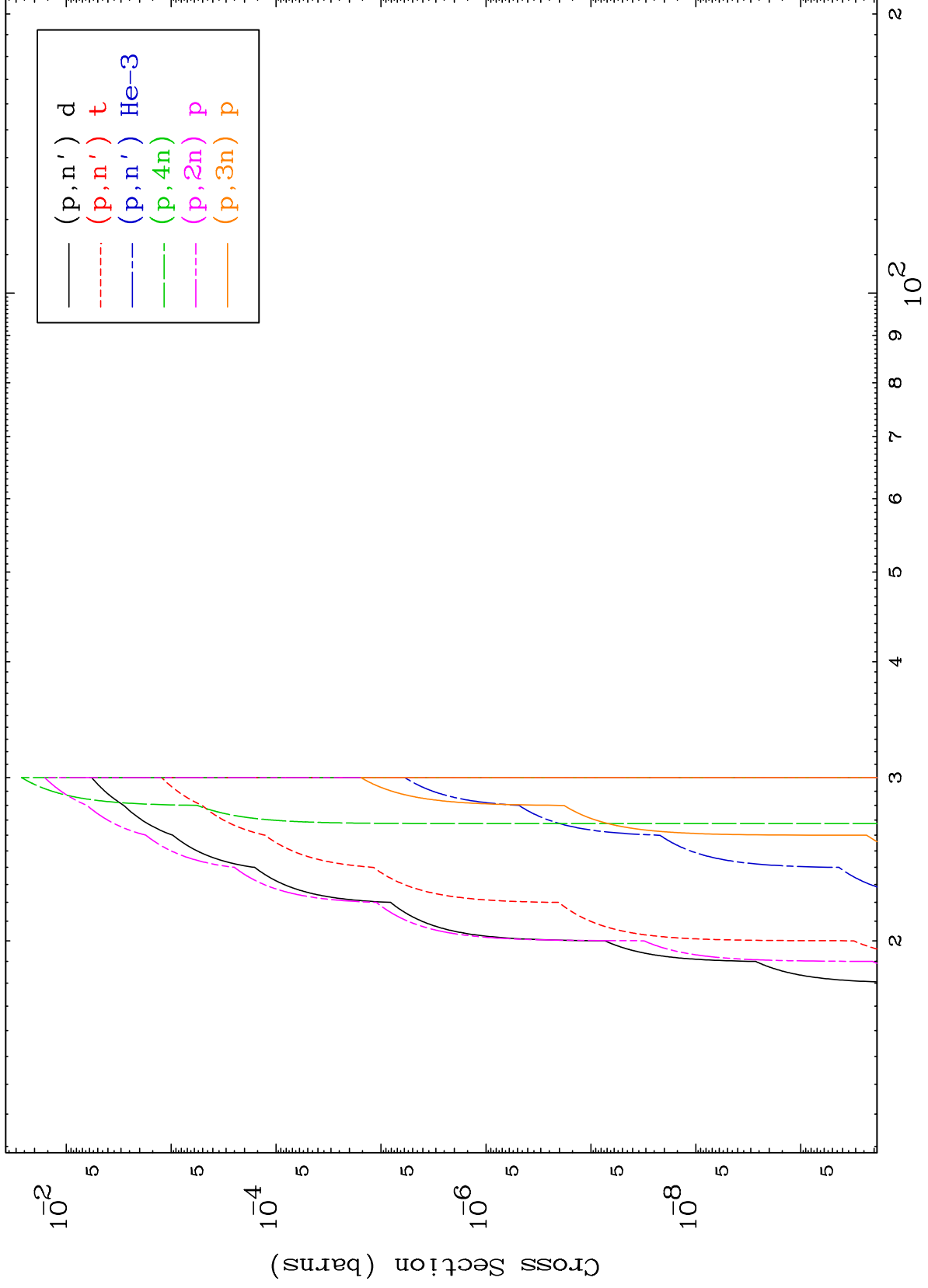
79-Au-194

0 Kelvin Cross Sections



— Proton Inelastic  
- - - (p, remainder)  
- - - (p, γ)

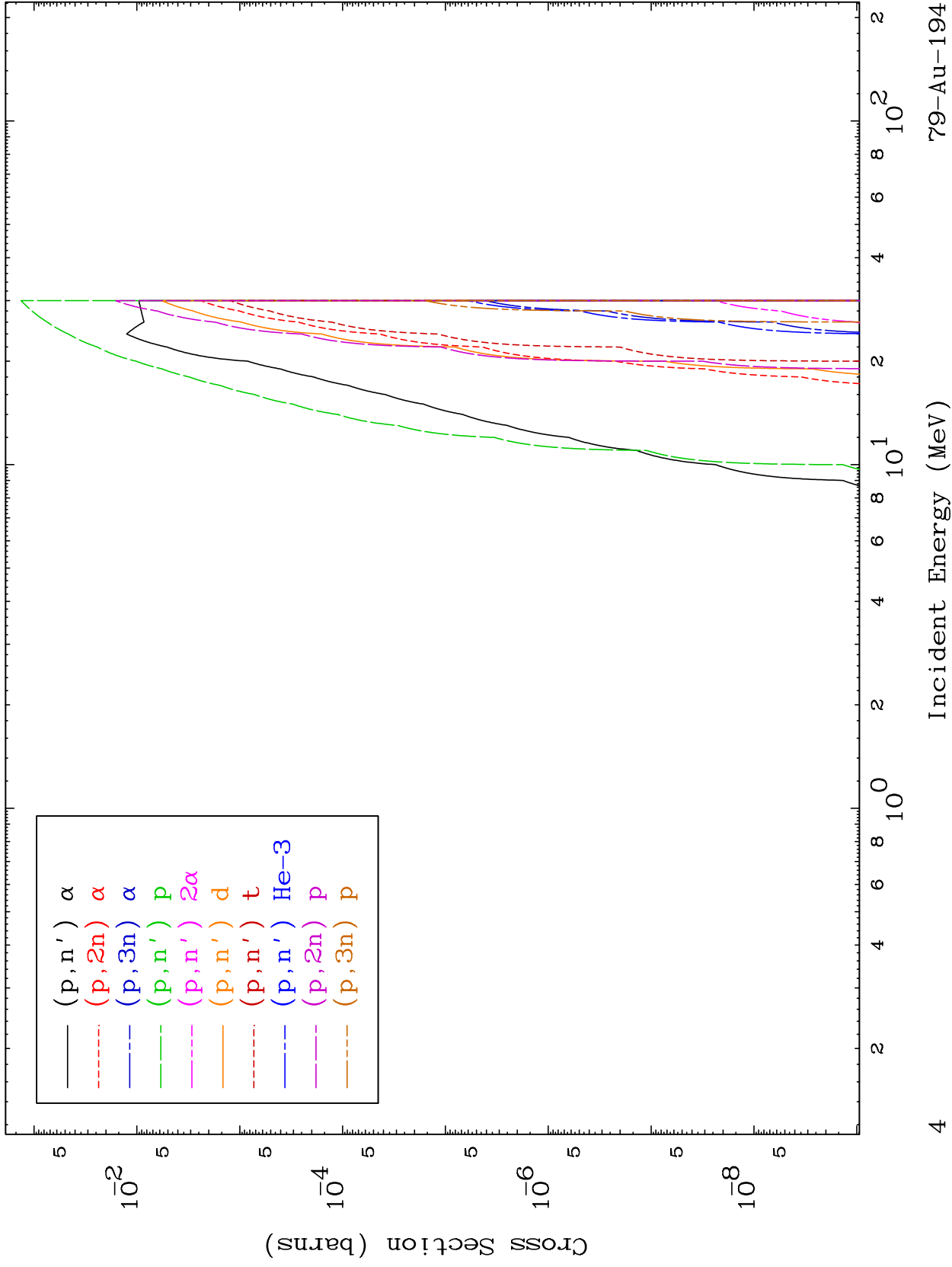


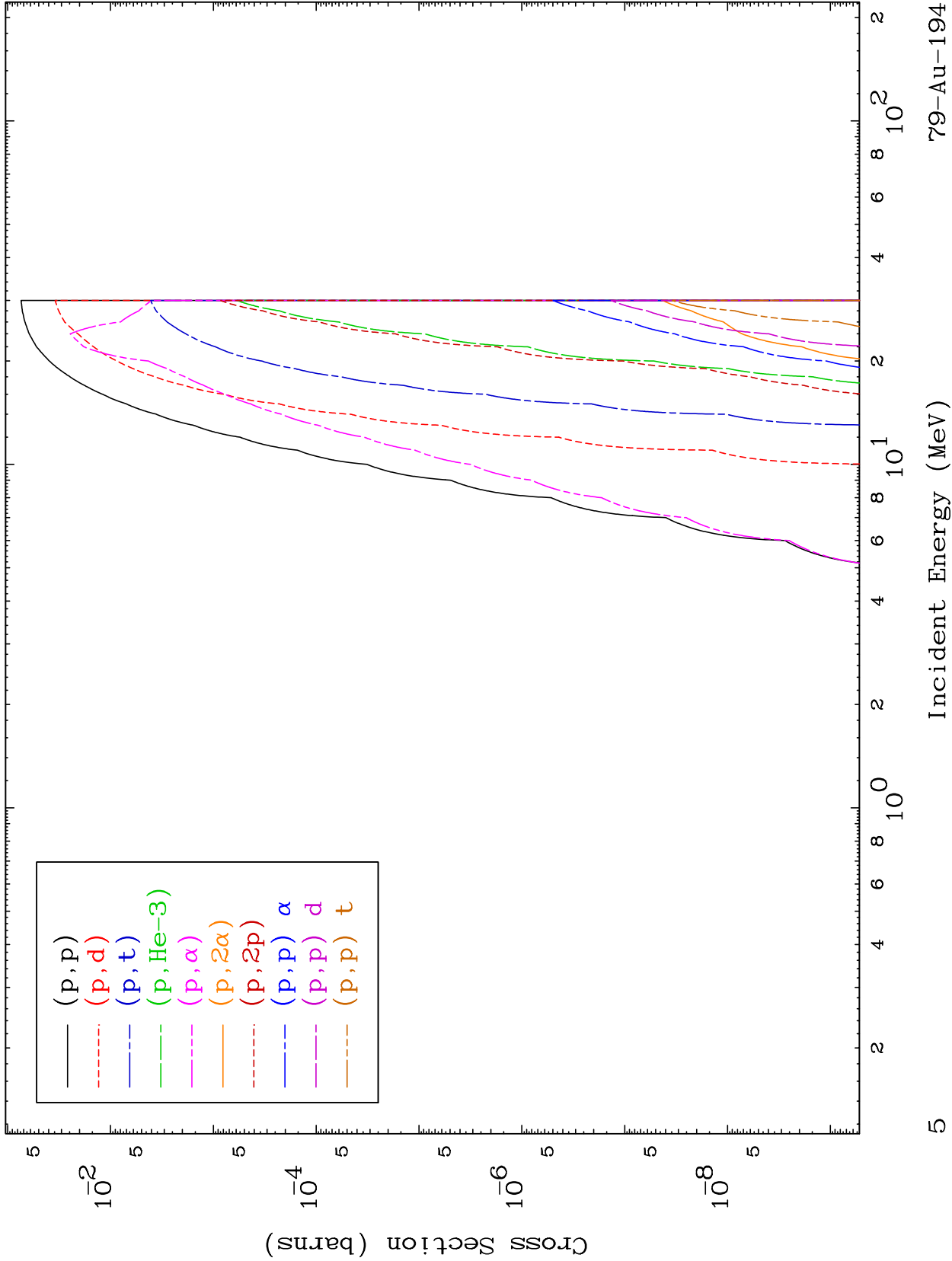


MAT 7916

Proton Charged Particle  
0 Kelvin Cross Sections

79-Au-194



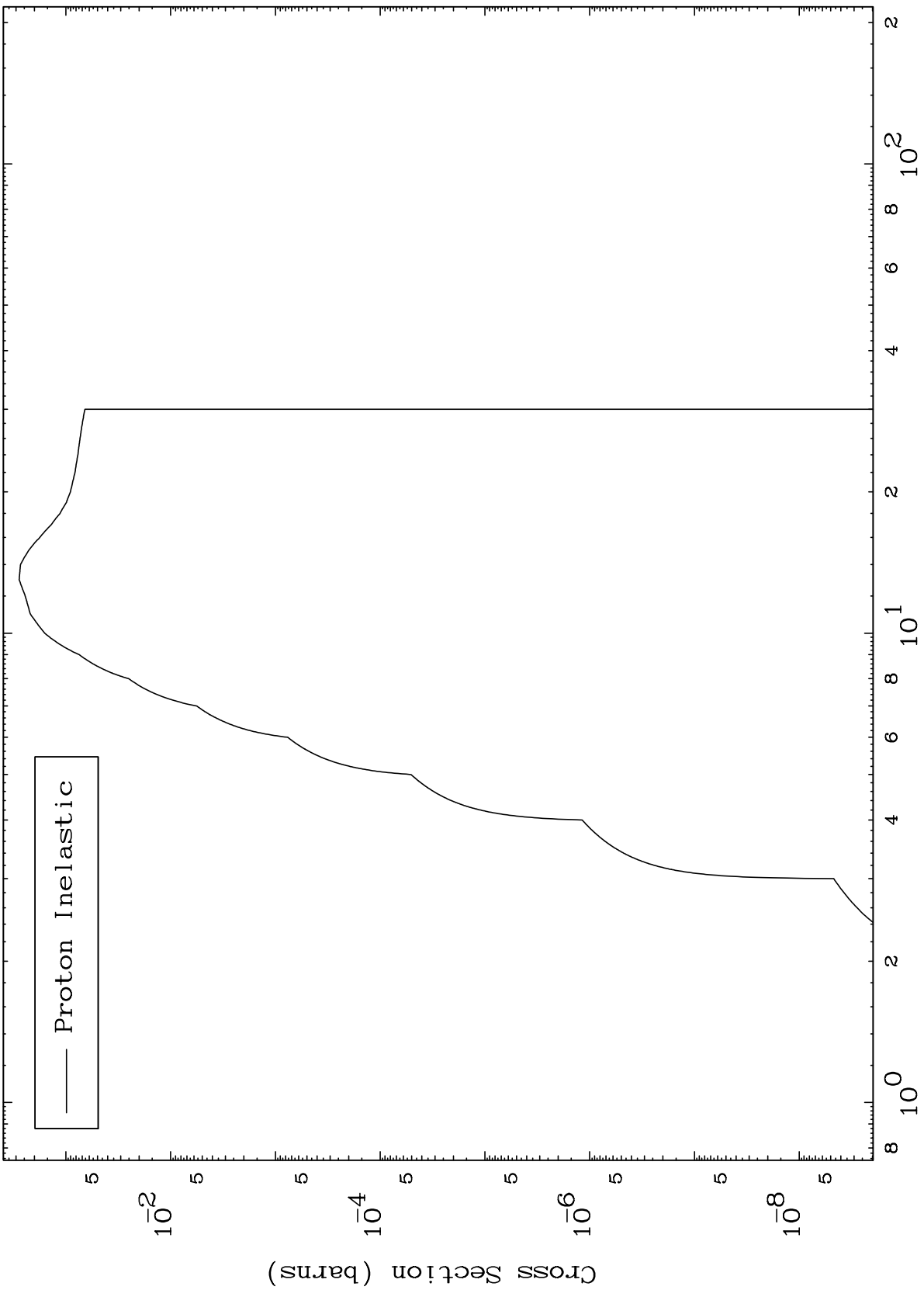


MAT 7916

(p,n') Level

79-Au-194

0 Kelvin Cross Sections



Incident Energy (MeV)

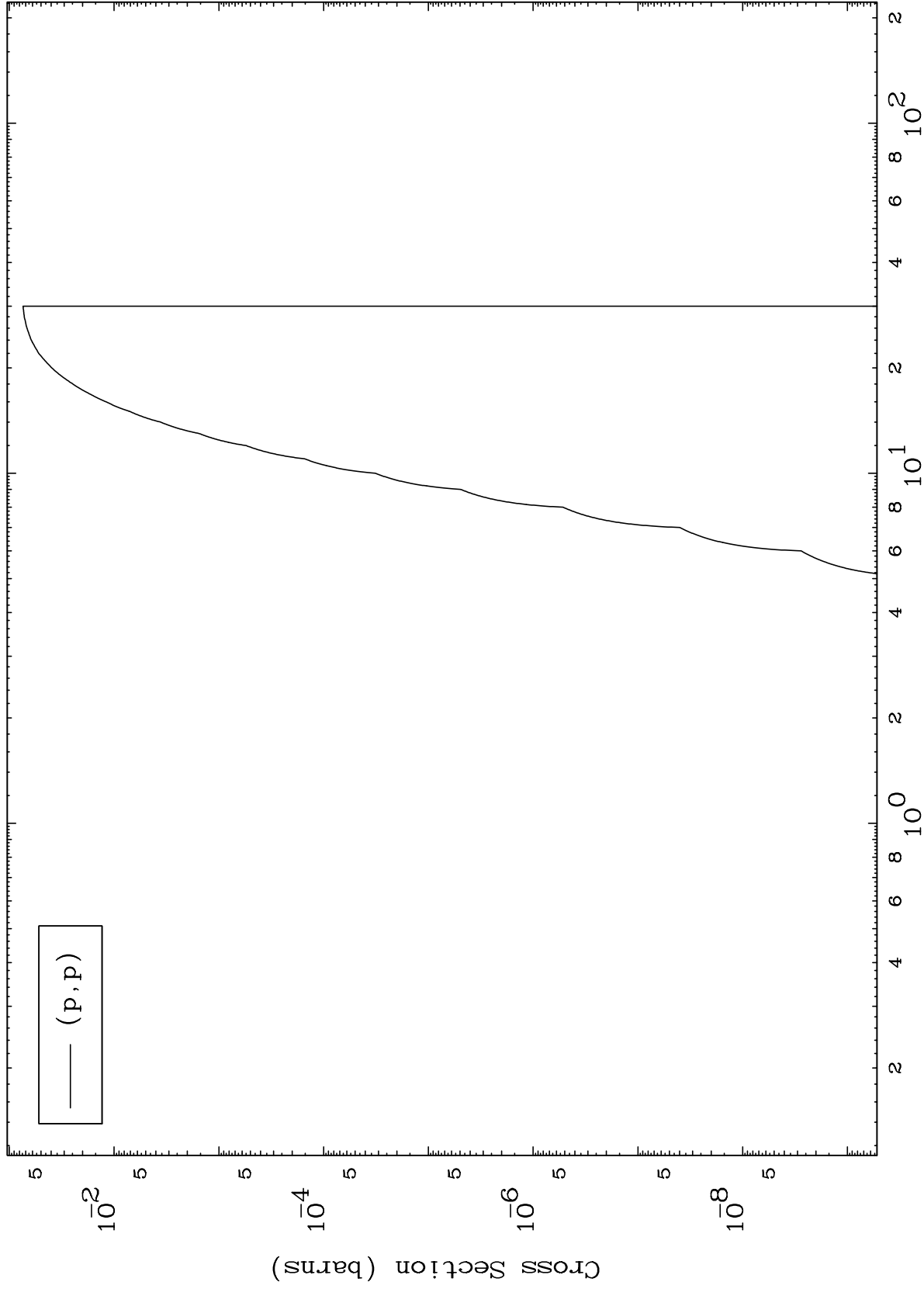
79-Au-194

MAT 7916

(p,p) Levels

79-Au-194

0 Kelvin Cross Sections

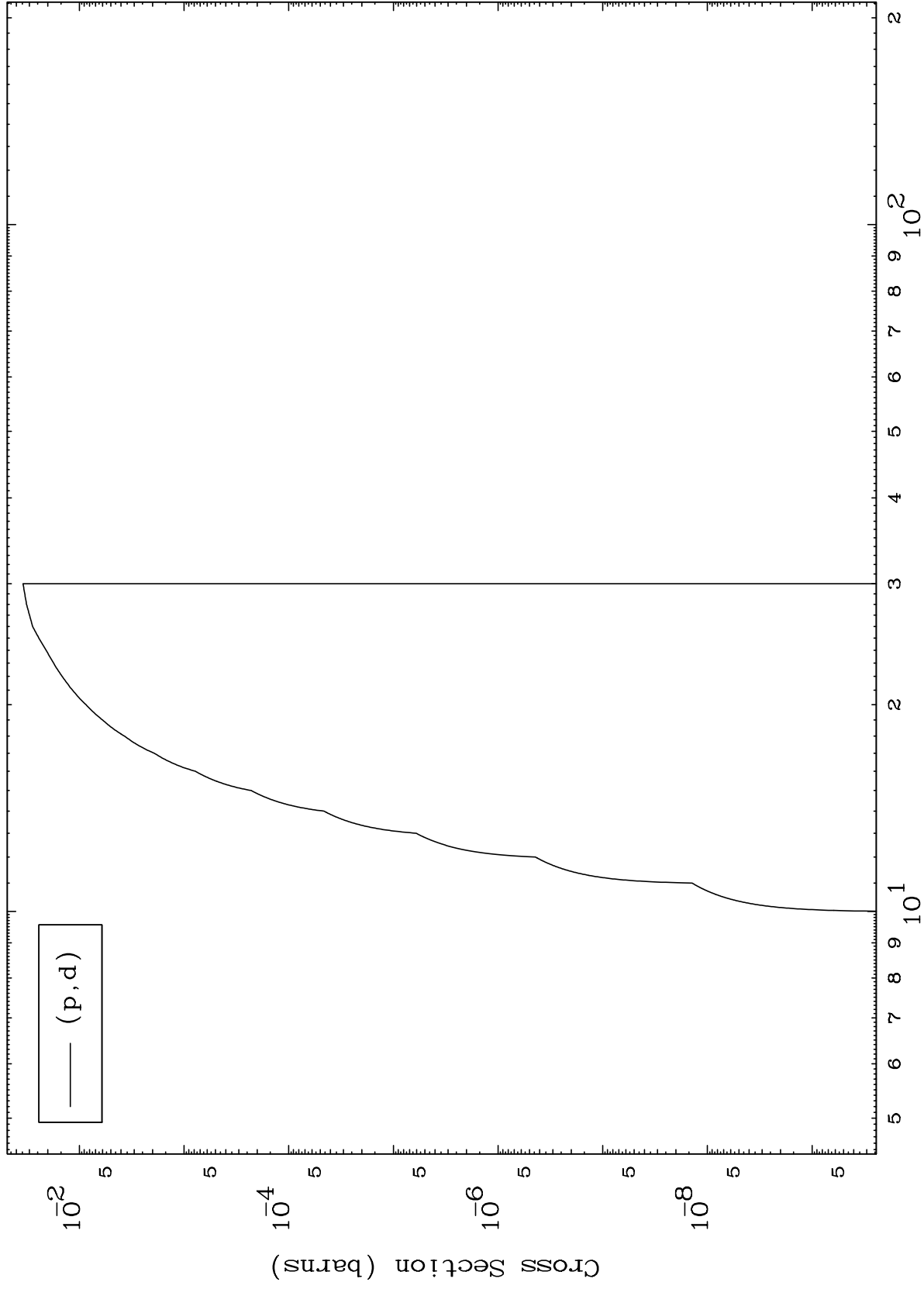




MAT 7916

(p,d) Levels  
0 Kelvin Cross Sections

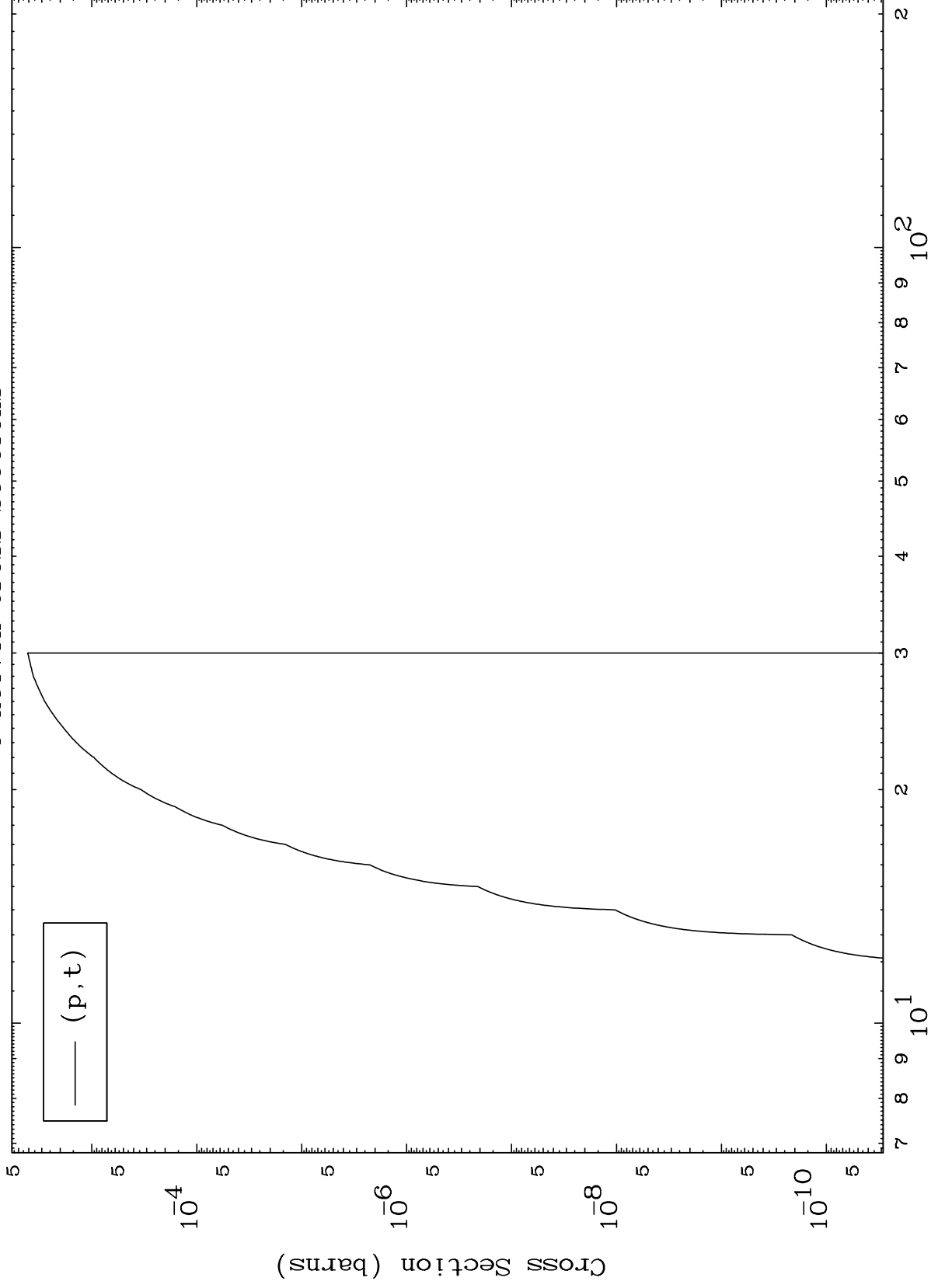
79-Au-194



MAT 7916

(p,t) Levels  
0 Kelvin Cross Sections

79-Au-194



9

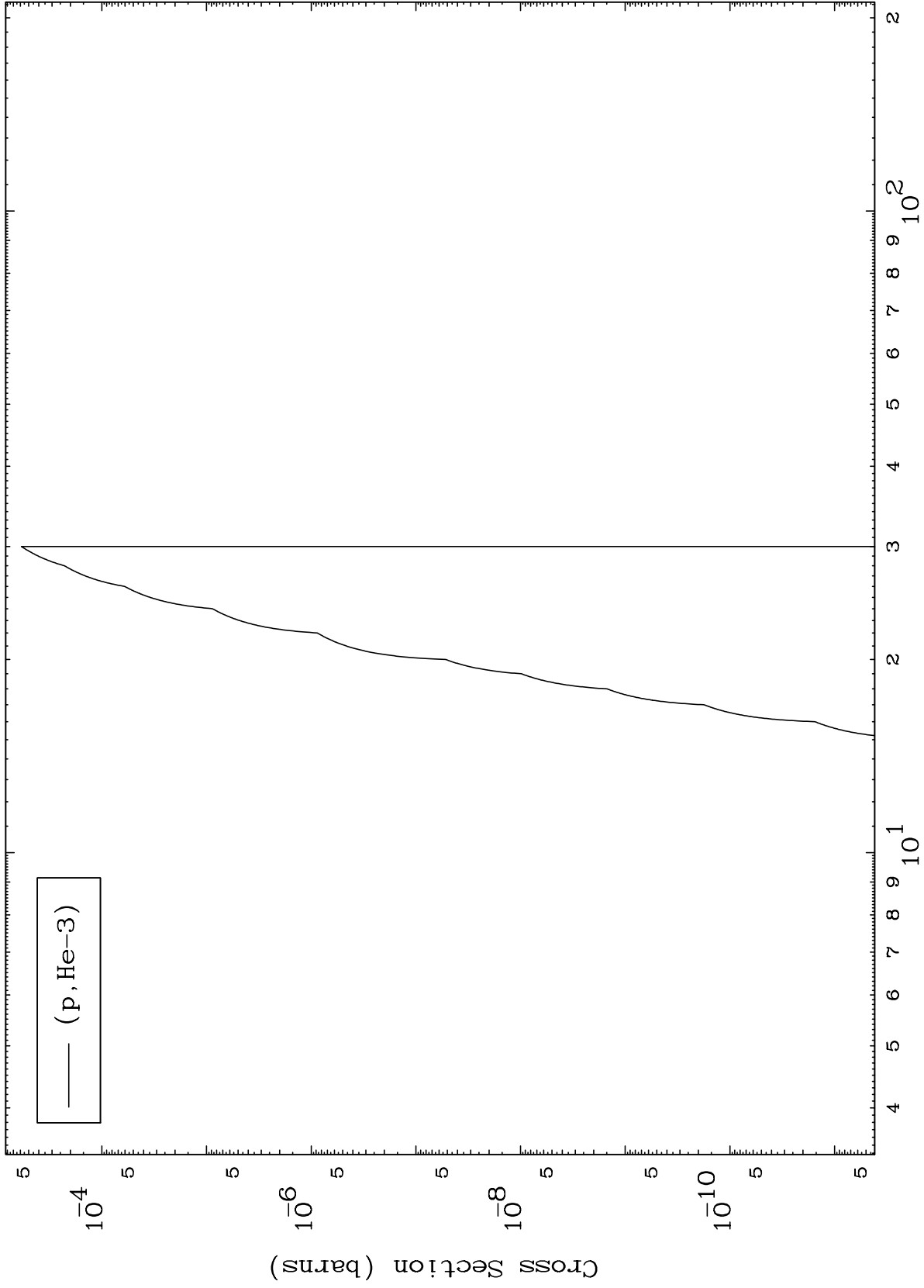
Incident Energy (MeV)

79-Au-194

MAT 7916

(p,He3) Levels  
0 Kelvin Cross Sections

79-Au-194



10

Incident Energy (MeV)

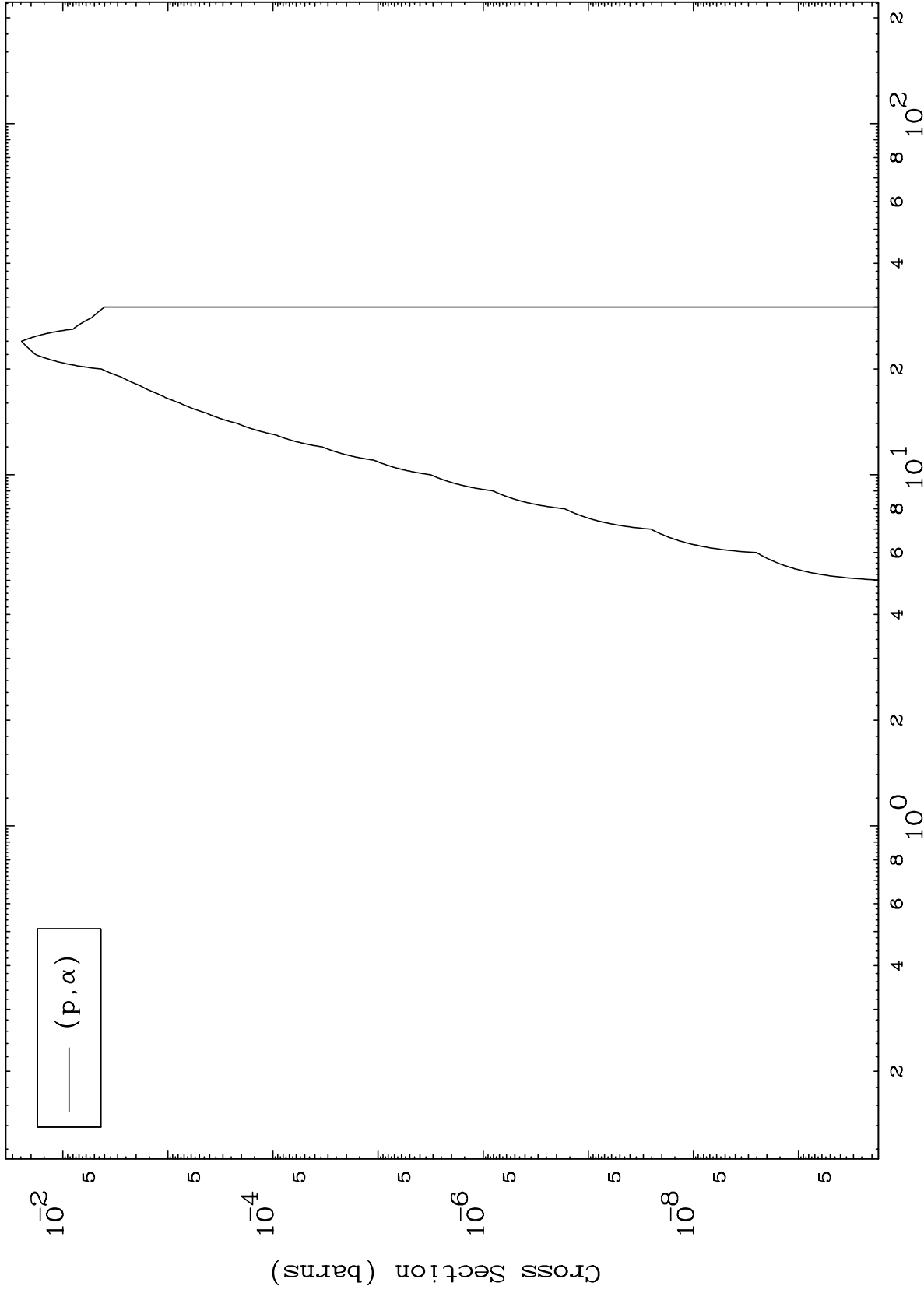
79-Au-194

MAT 7916

(p,  $\alpha$ ) Levels

79-Au-194

0 Kelvin Cross Sections

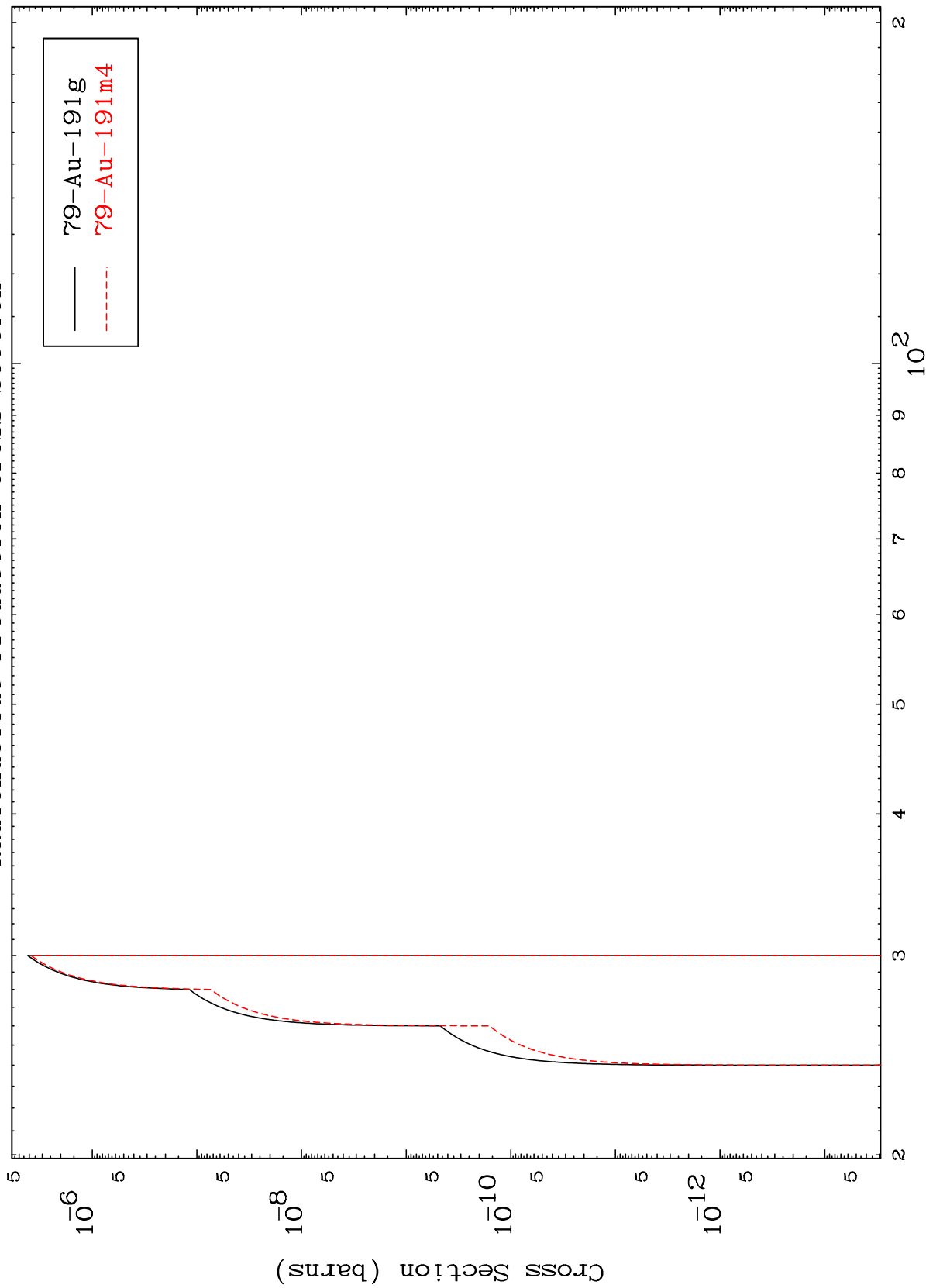


MAT 7916

(p,2n) d

79-Au-194

Radionuclide Production Cross Section



12

Incident Energy (MeV)

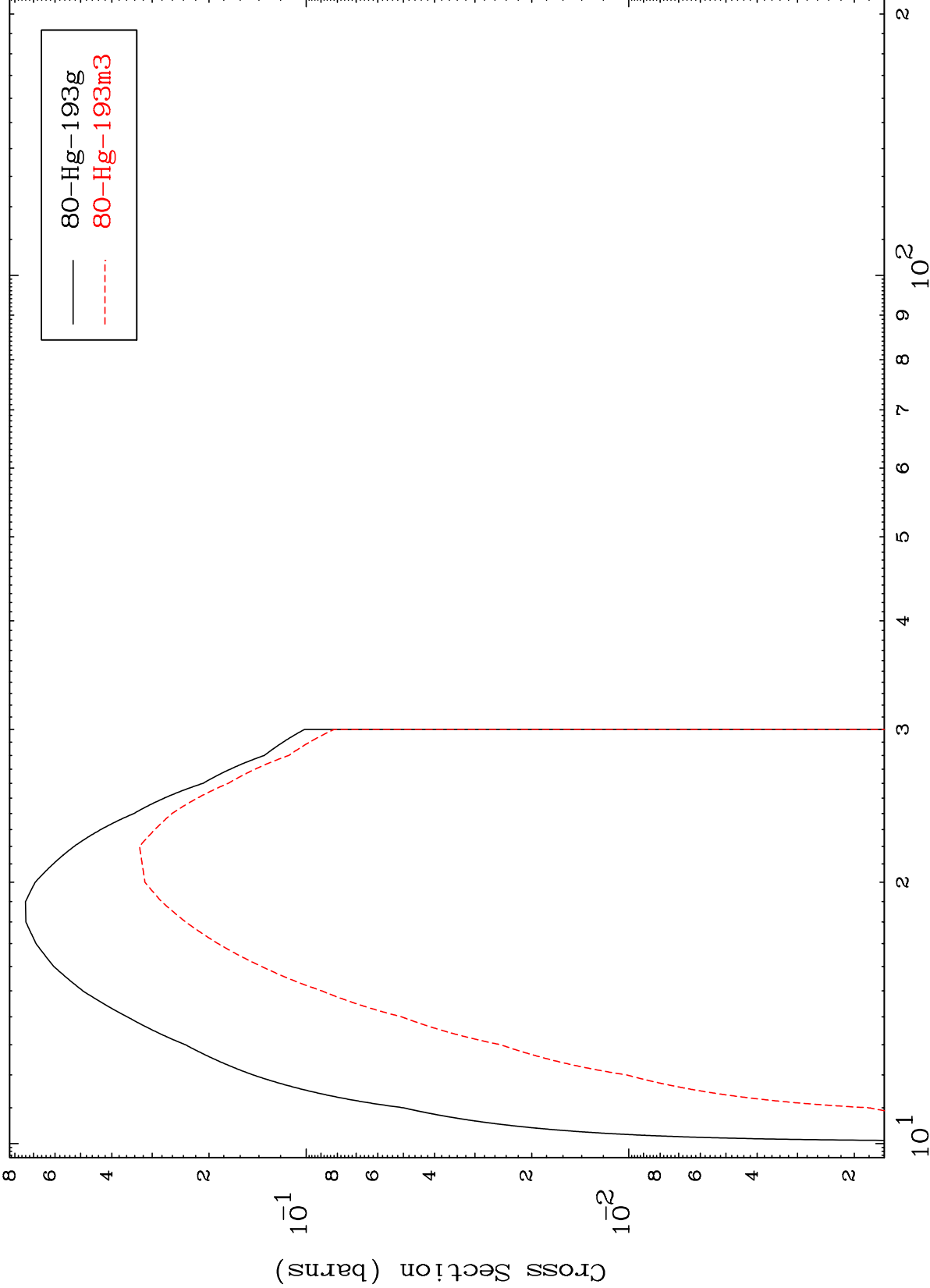
79-Au-194

MAT 7916

(p,2n)

79-Au-194

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-194

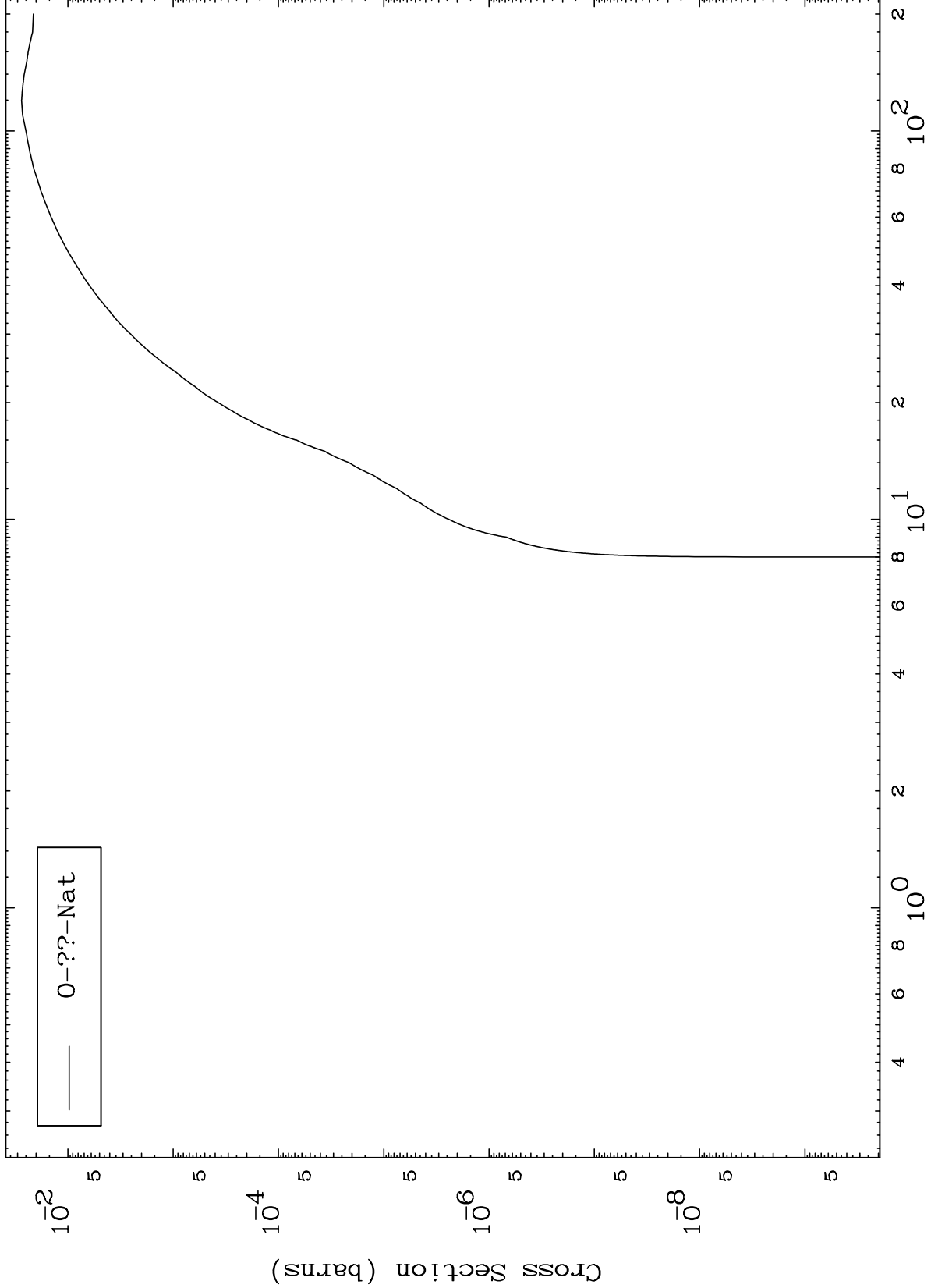
13

MAT 7916

Proton Fission

79-Au-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

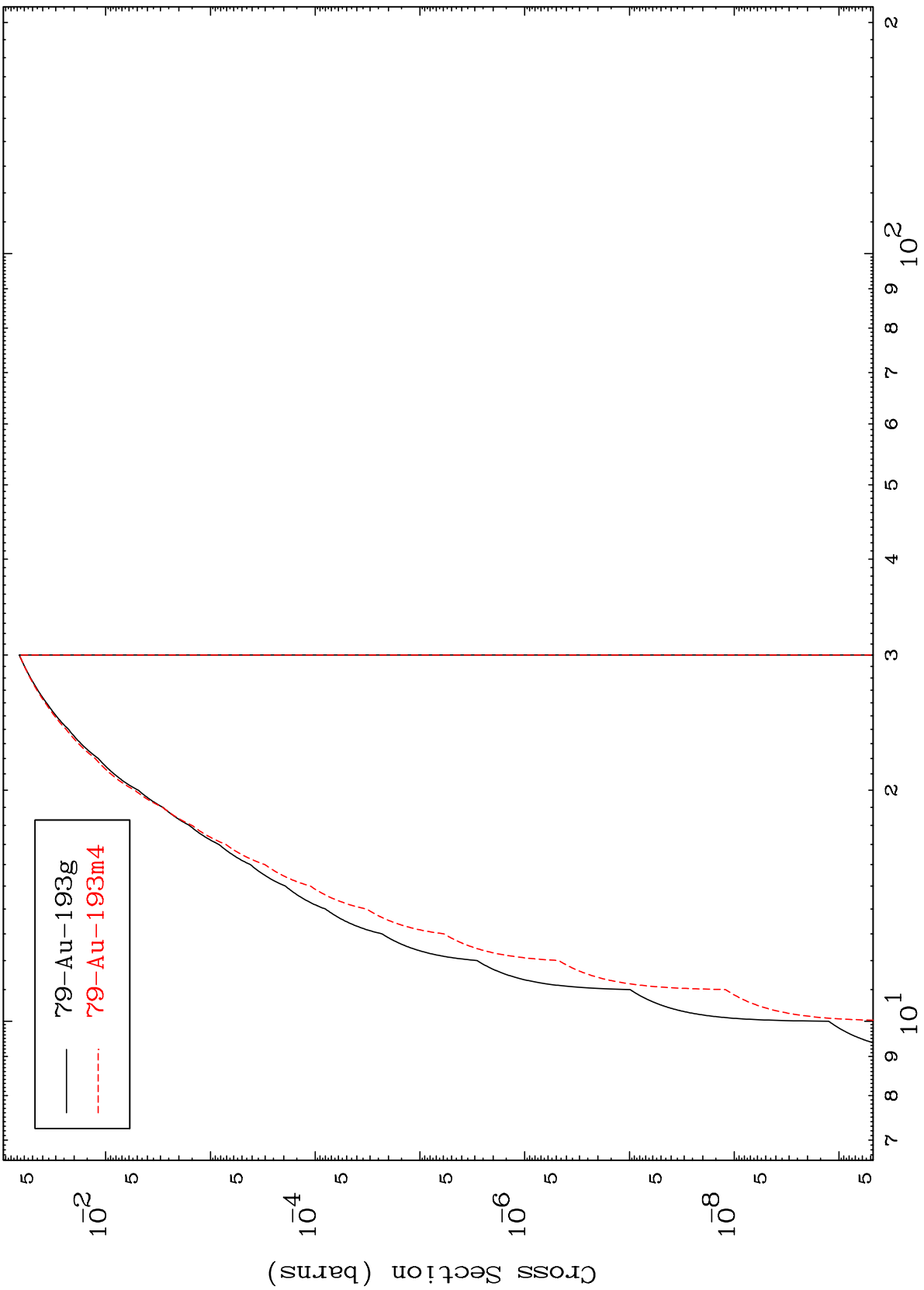
79-Au-194

MAT 7916

(p,n') p

79-Au-194

Radionuclide Production Cross Section

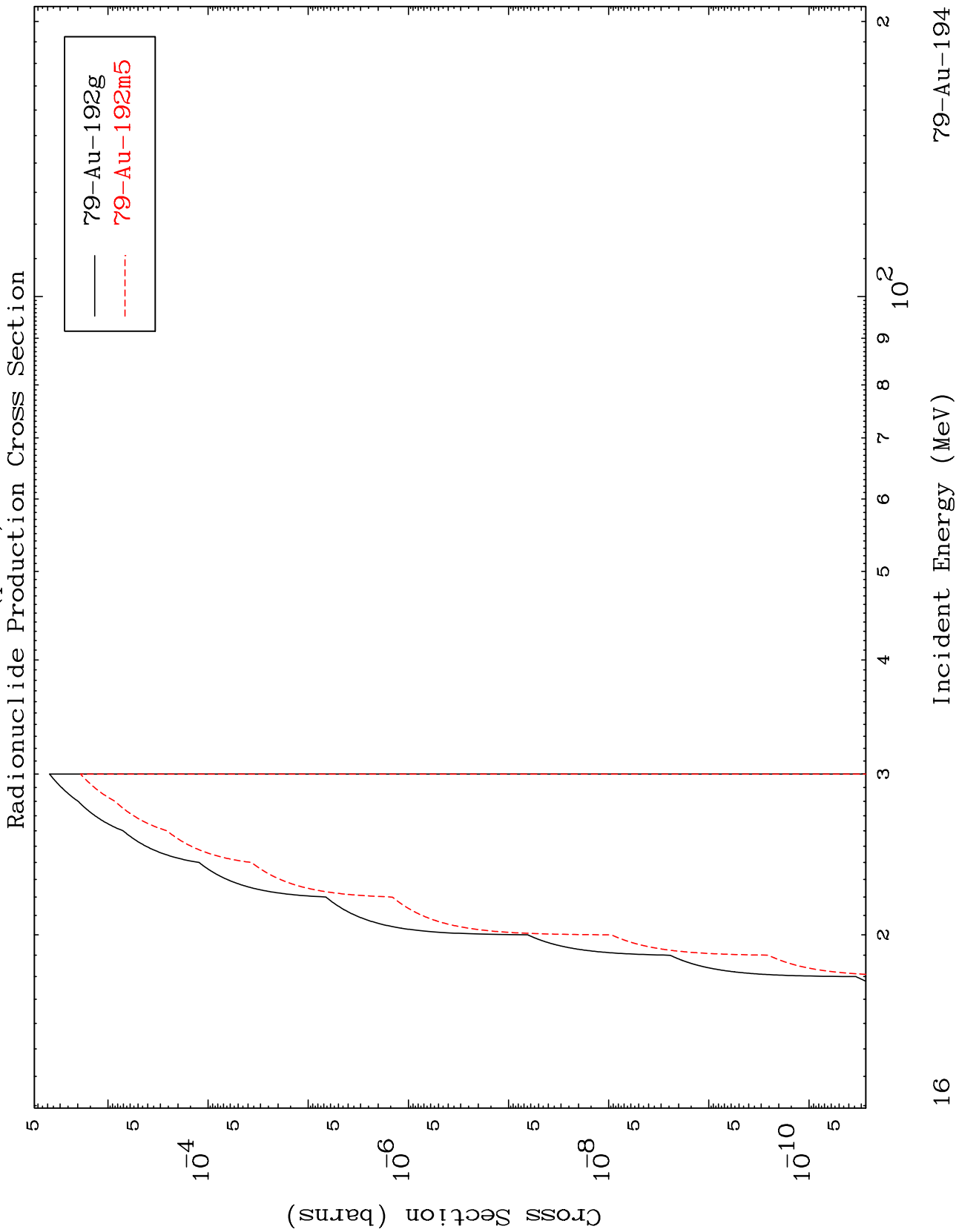


15

Incident Energy (MeV)

79-Au-194



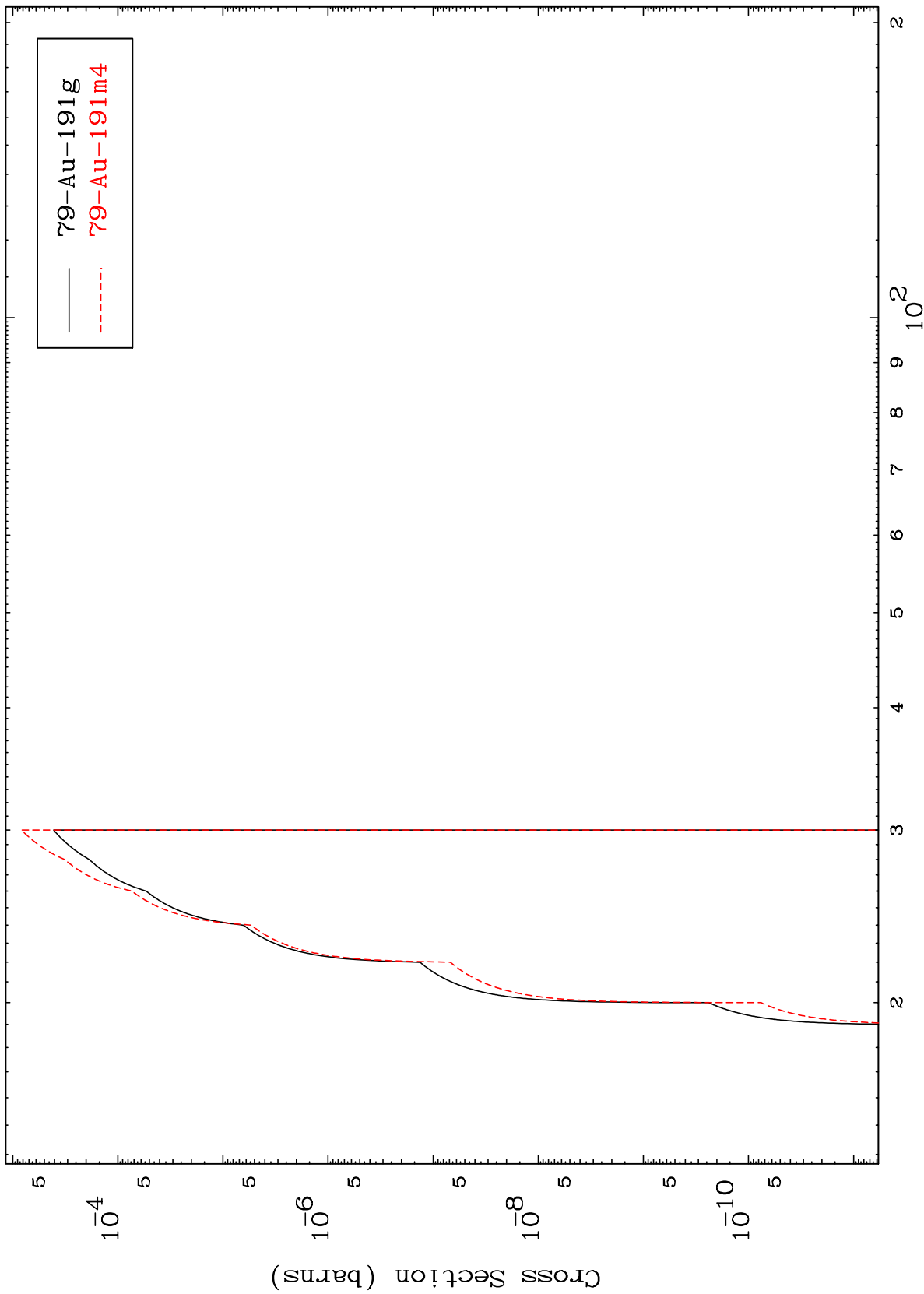


MAT 7916

(p,n') t

79-Au-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

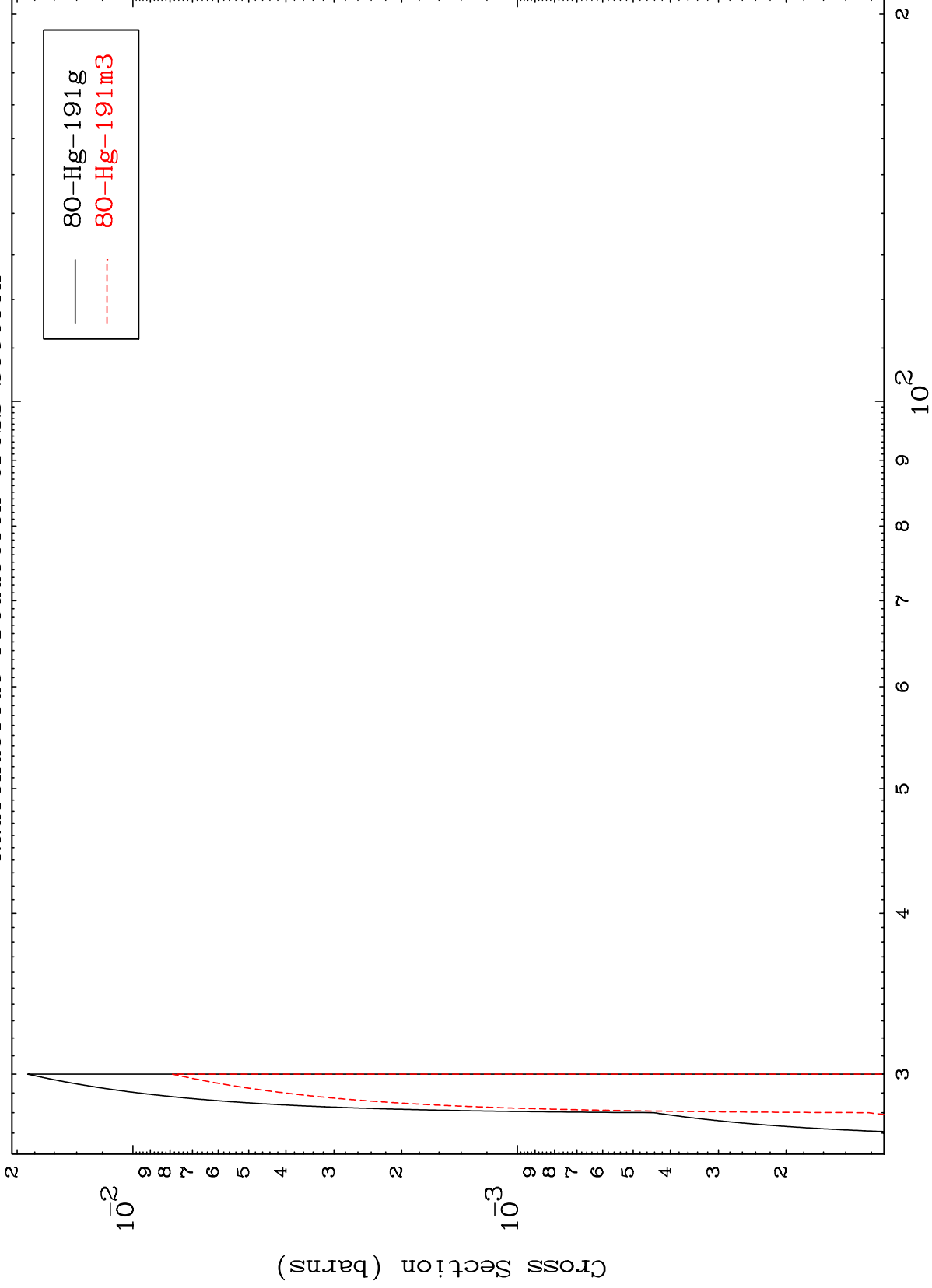
79-Au-194

MAT 7916

(p,4n)

79-Au-194

Radionuclide Production Cross Section



18

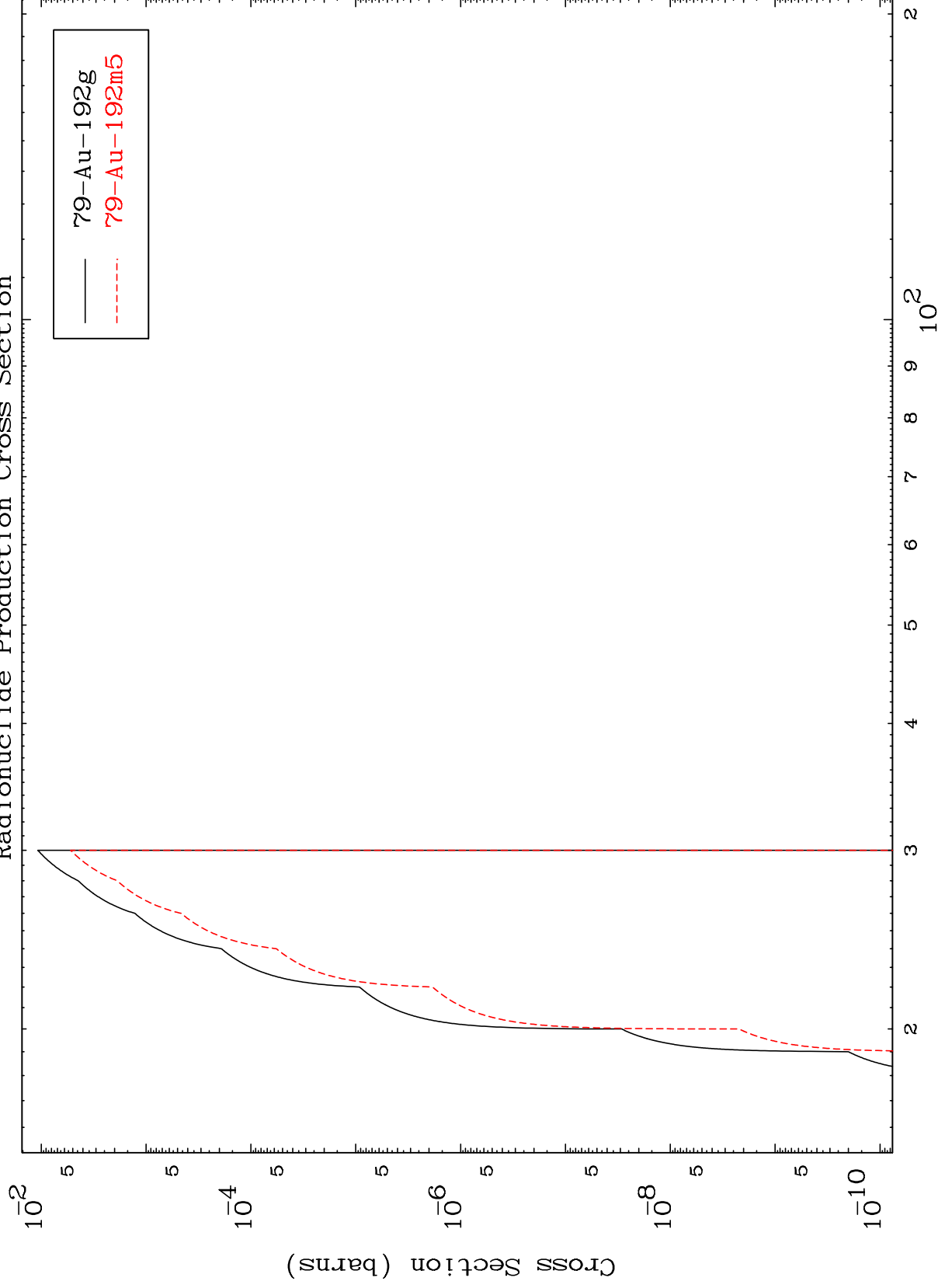
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(p,2n) p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

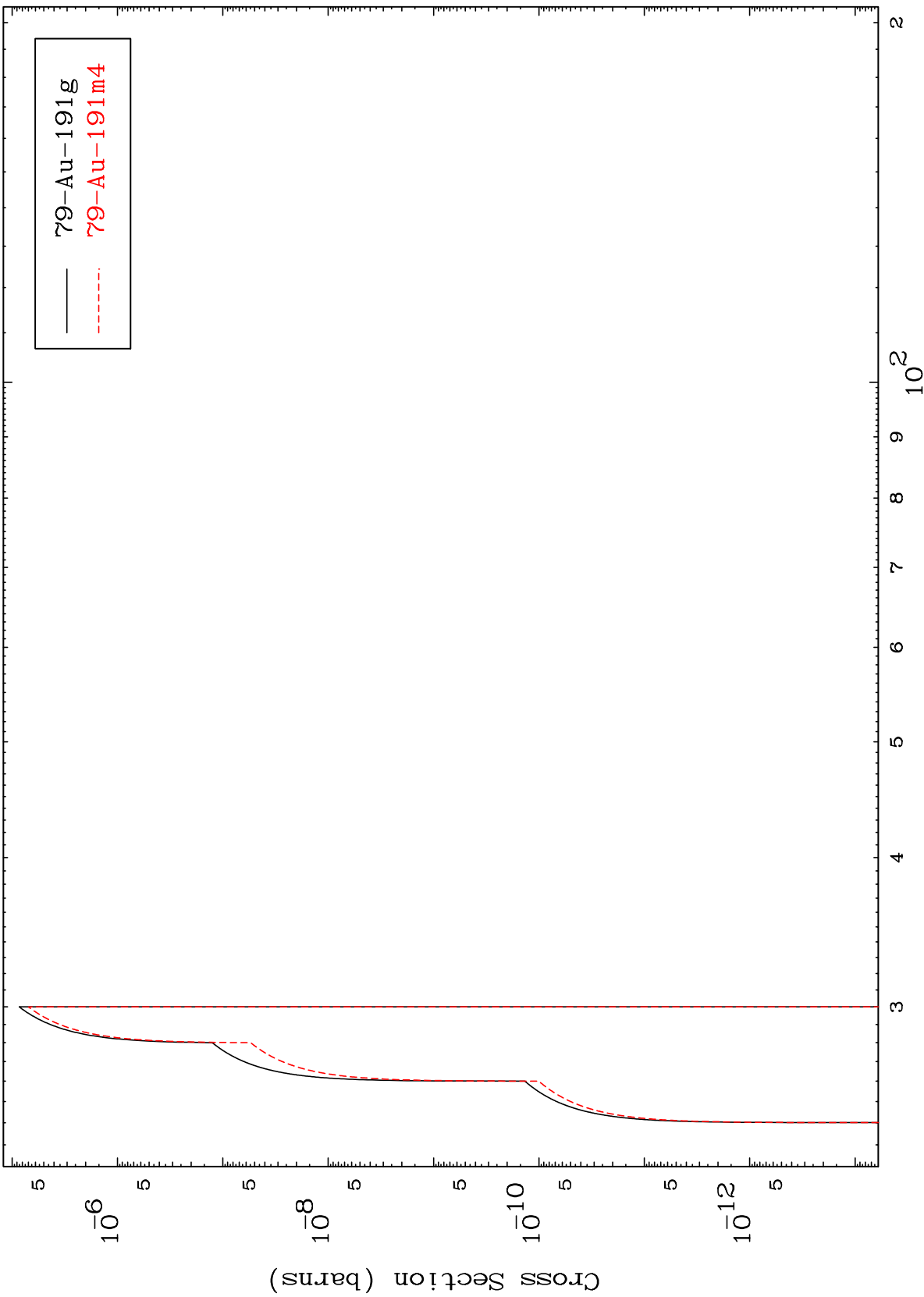
79-Au-194

MAT 7916

(p,3n) p

79-Au-194

Radionuclide Production Cross Section



79-Au-191g  
79-Au-191m4

20

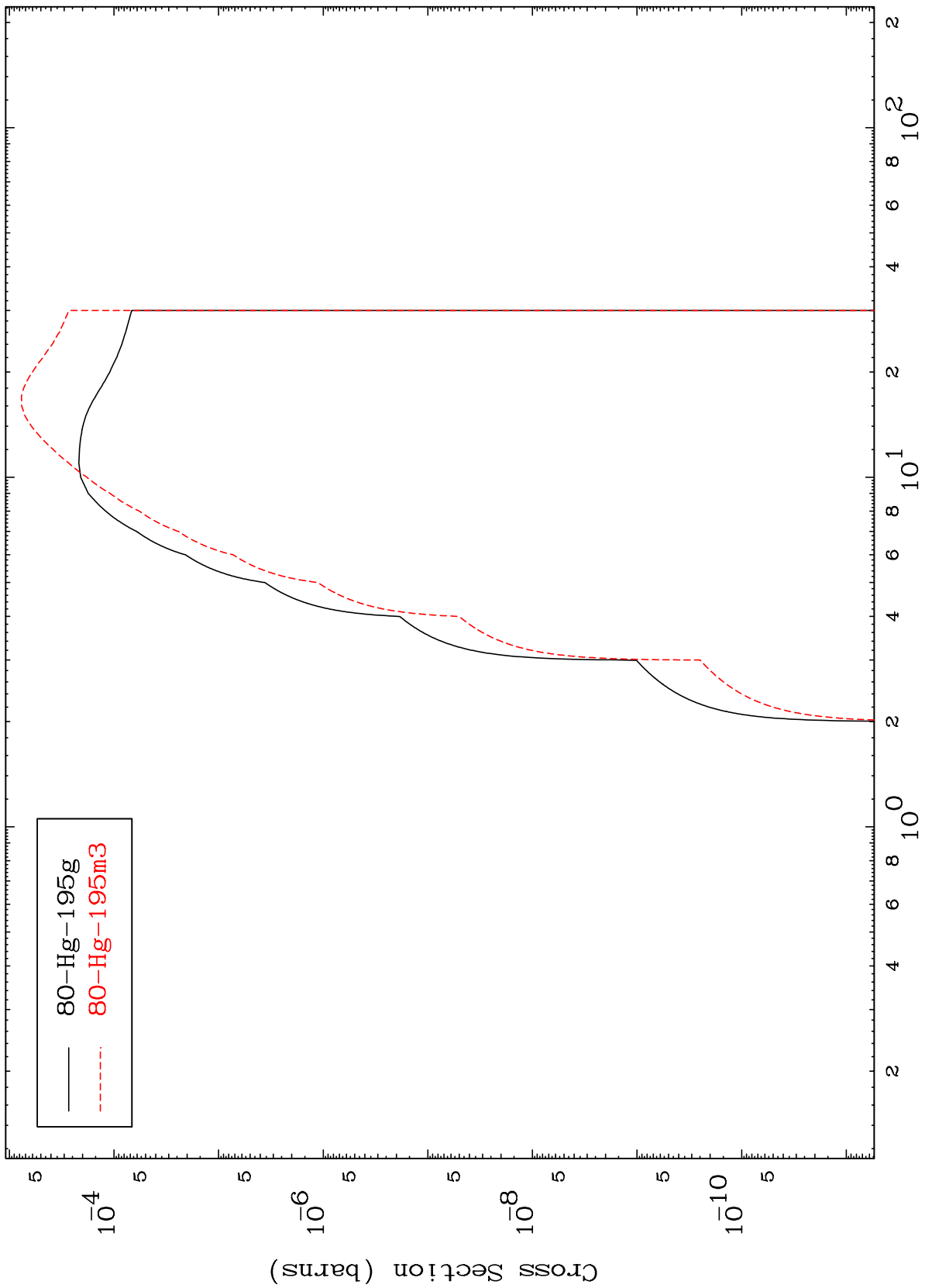
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

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



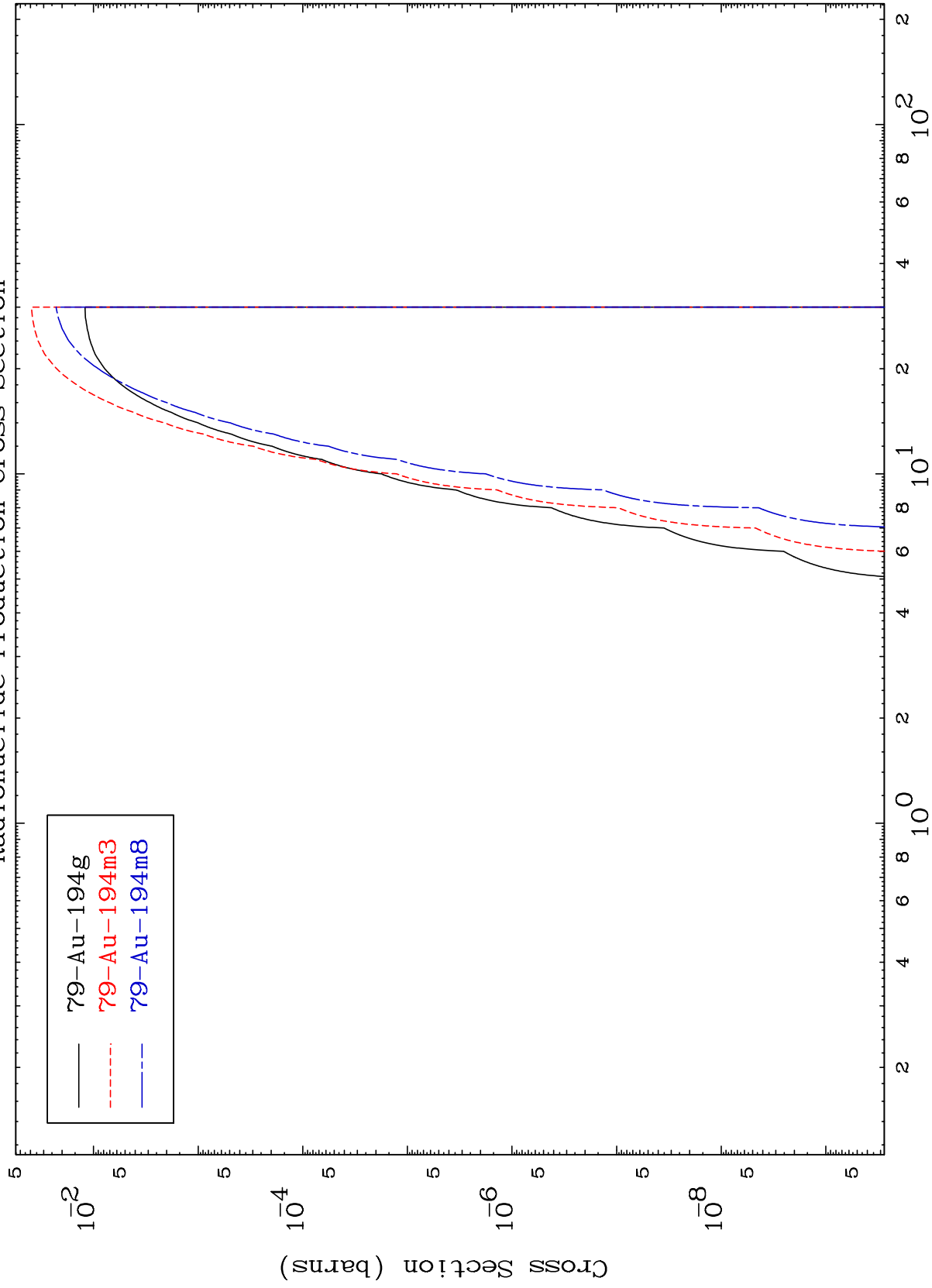
79-Au-194

Incident Energy (MeV)

MAT 7916

79-Au-194

Radionuclide Production Cross Section  
(p,p)



22

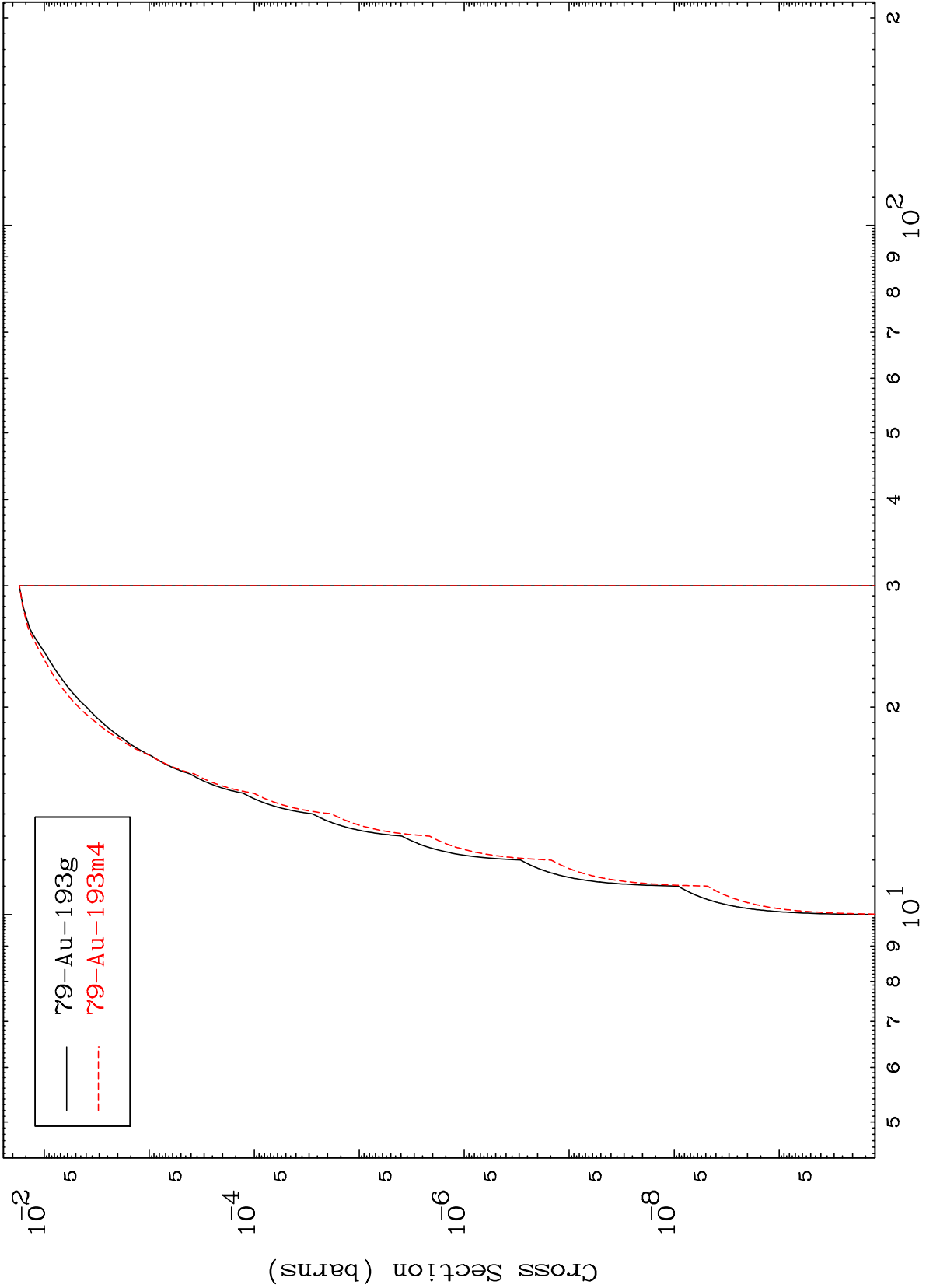
79-Au-194

Incident Energy (MeV)

MAT 7916

<sup>79</sup>Au-194

(p,d)  
Radionuclide Production Cross Section



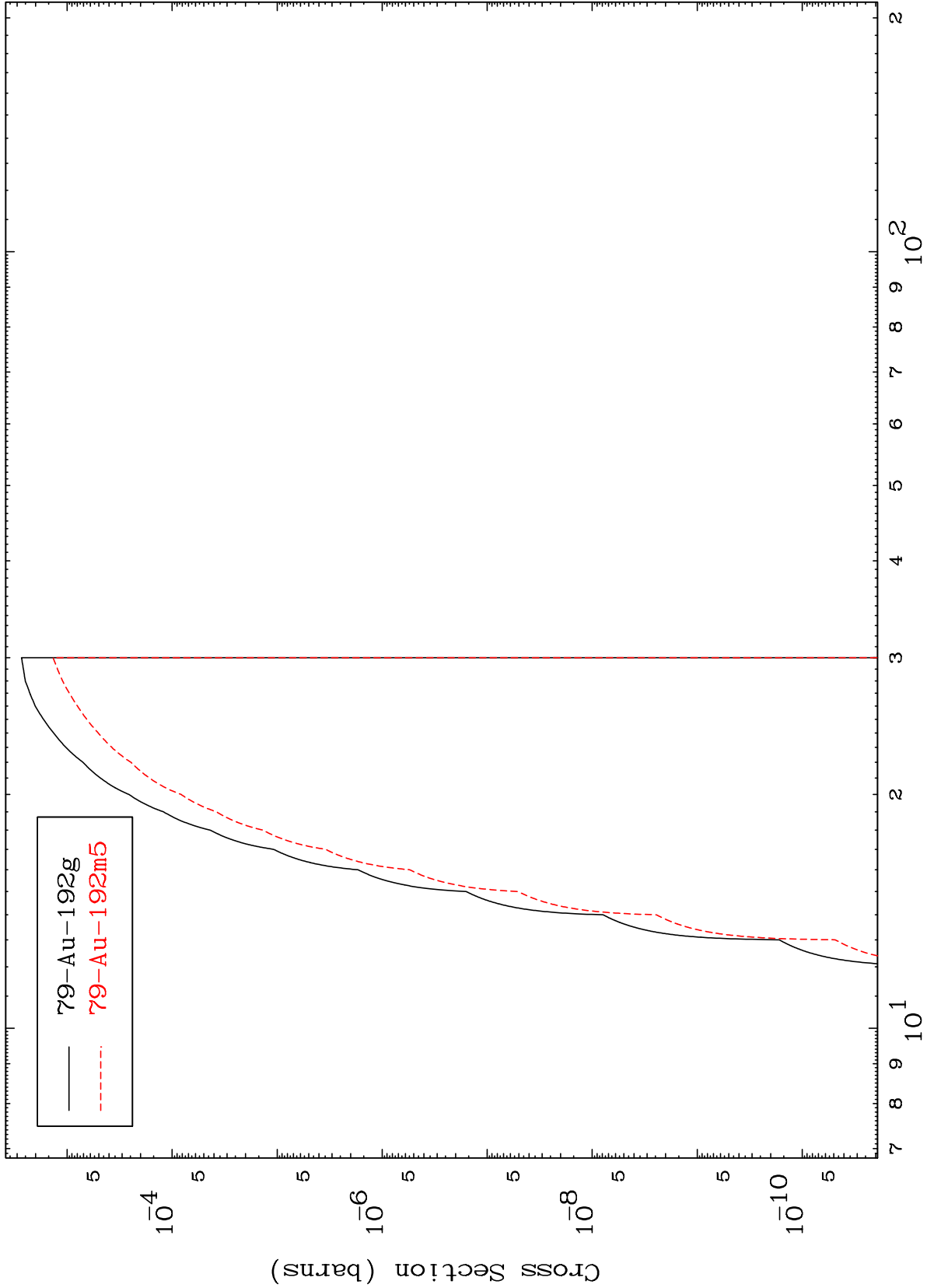
— <sup>79</sup>Au-193g  
- - - <sup>79</sup>Au-193m4



MAT 7916

79-Au-194

(p, t)  
Radionuclide Production Cross Section



24

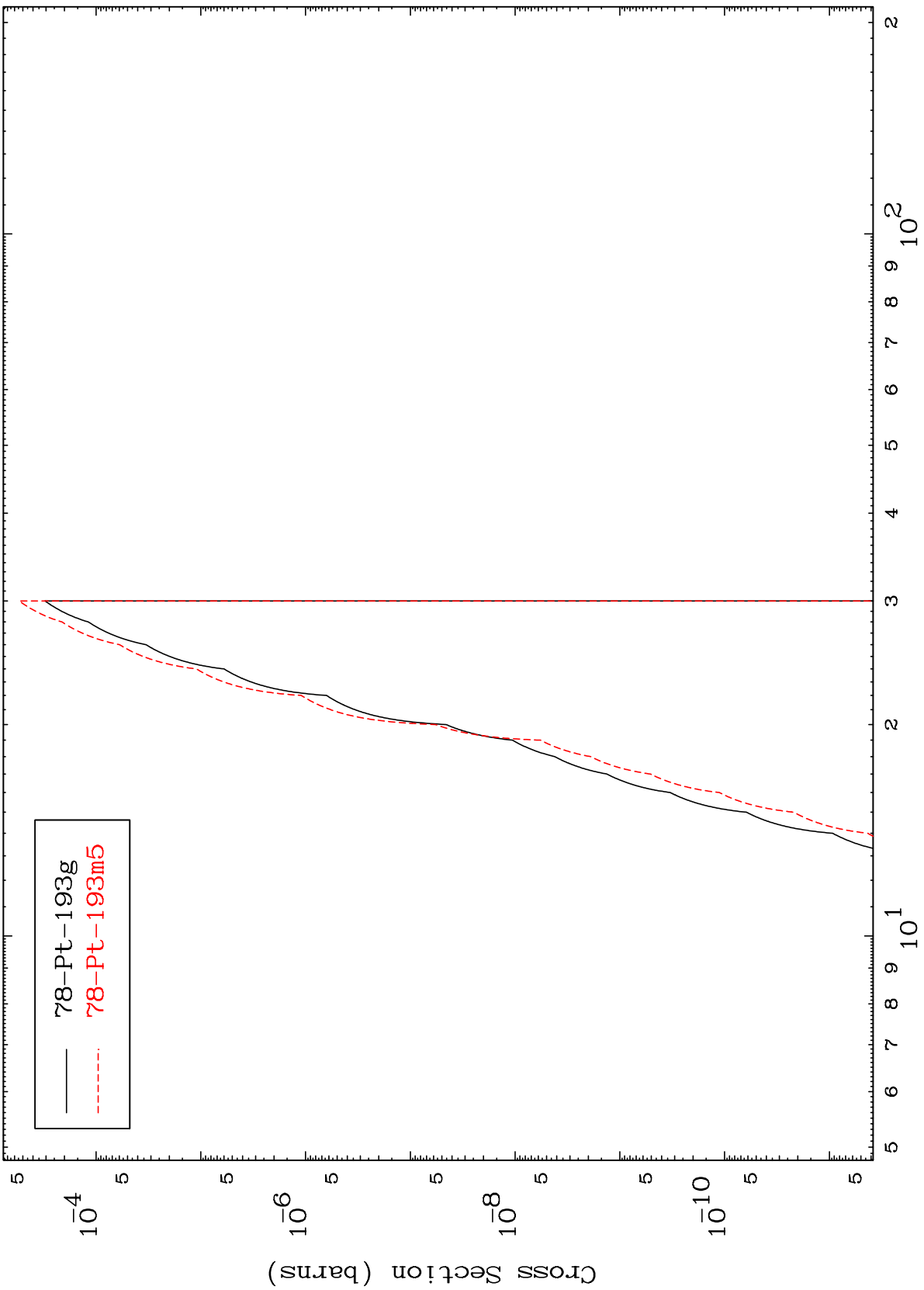
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(p,2p)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

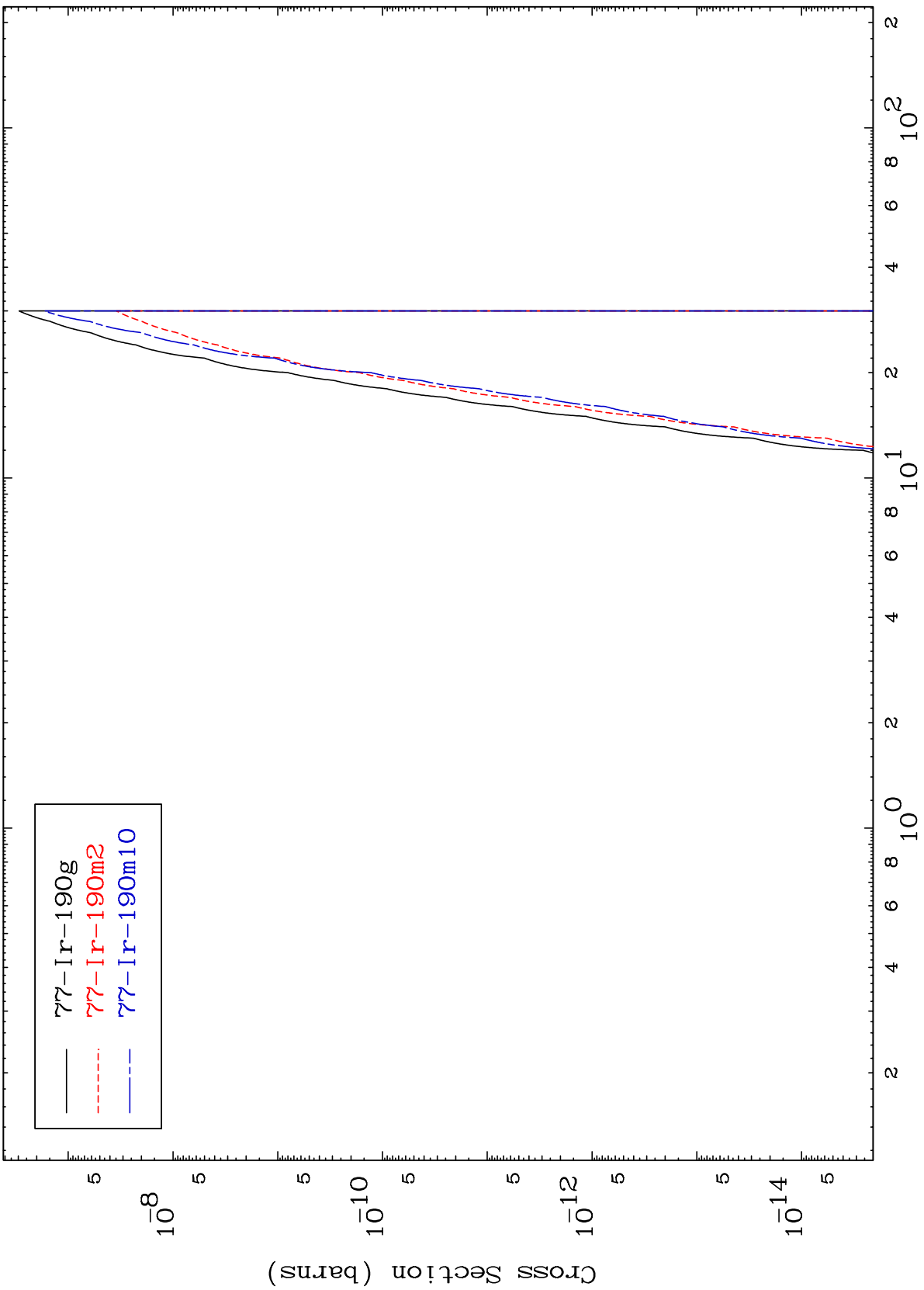
79-Au-194

MAT 7916

(p,p)  $\alpha$

<sup>79</sup>Au-194

Radionuclide Production Cross Section



26

Incident Energy (MeV)

<sup>79</sup>Au-194