

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

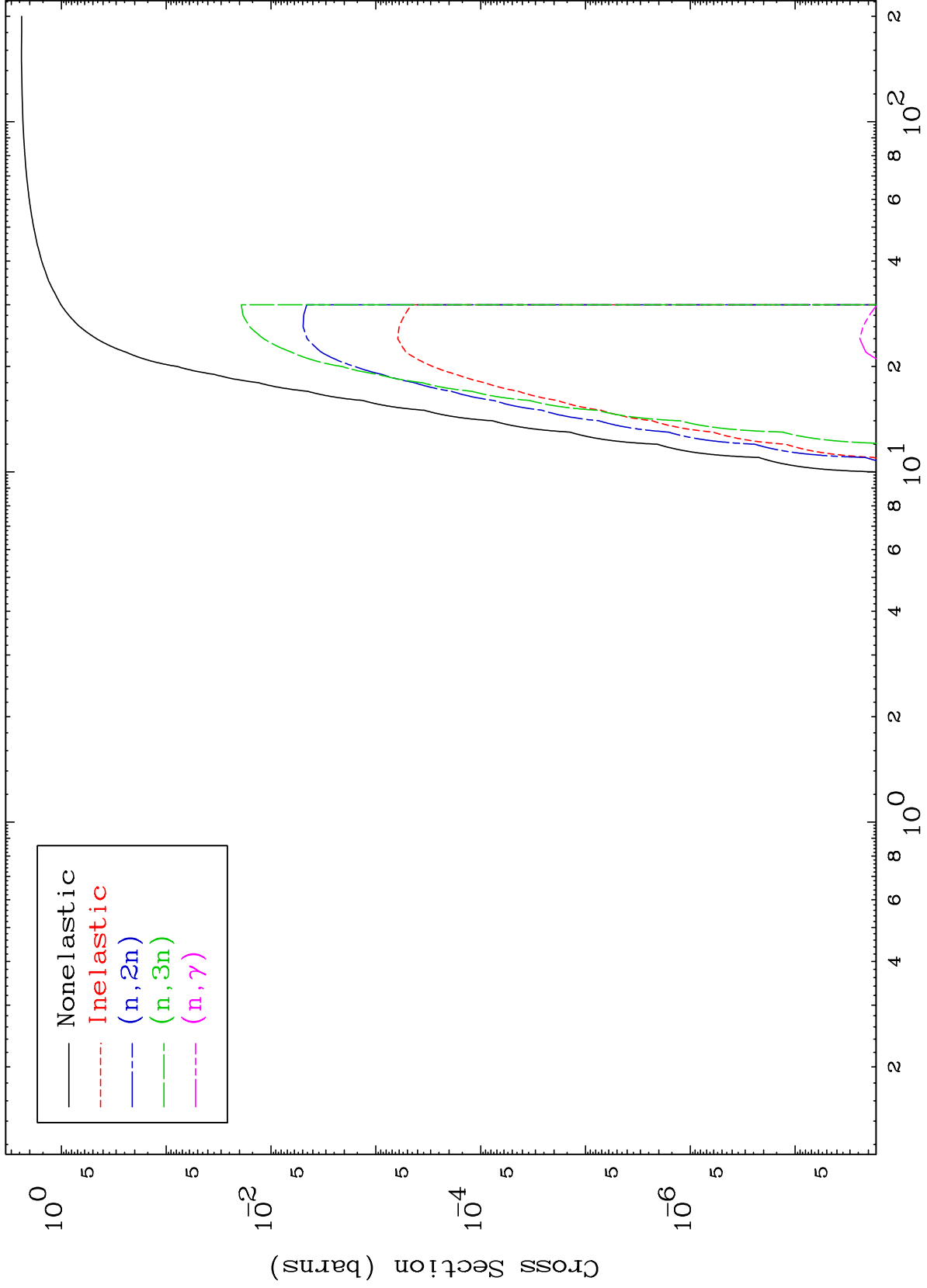
Press Mouse Button to Start

MAT 7843

He-3 Major

0 Kelvin Cross Sections

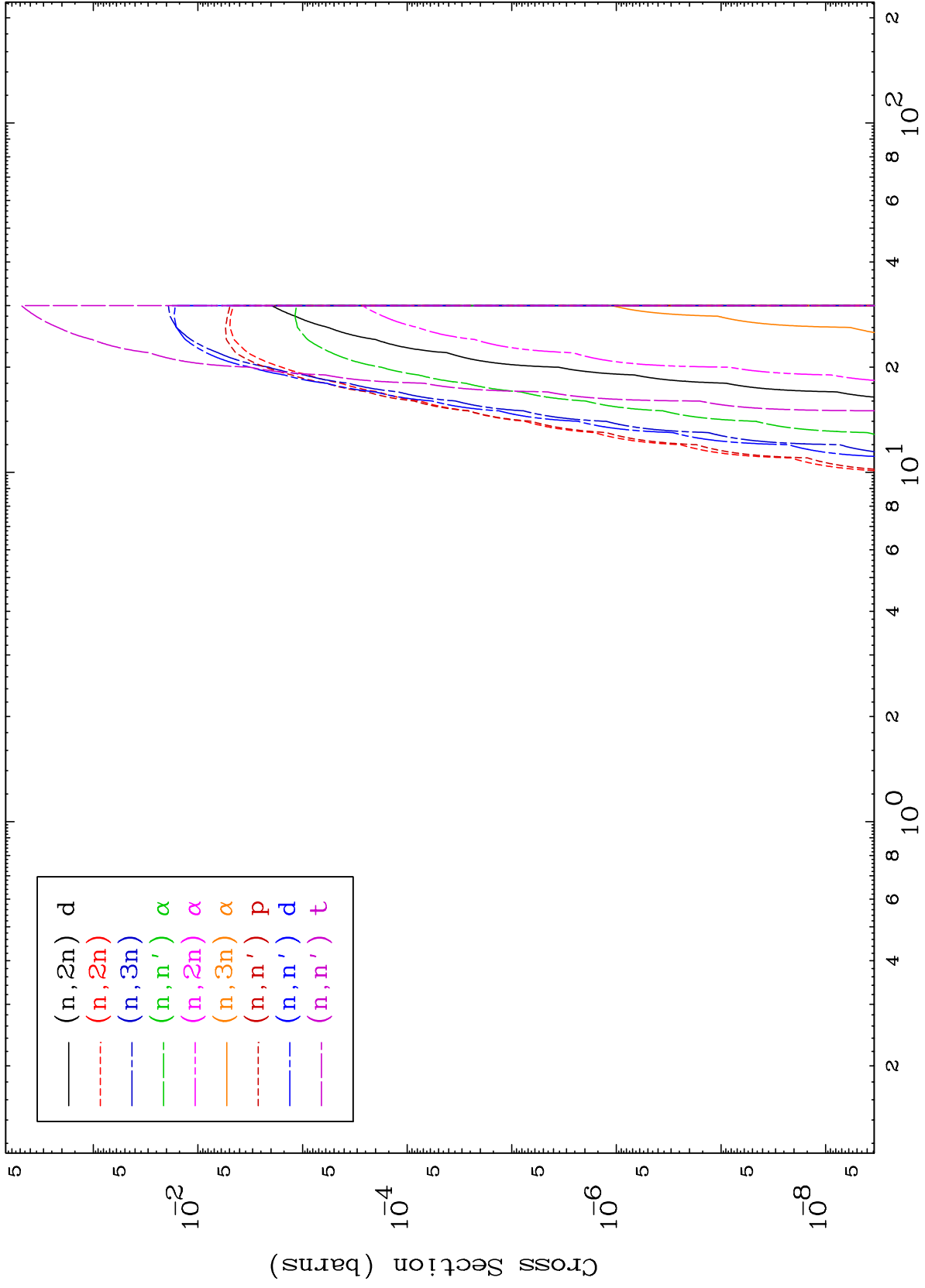
78-Pt-196



MAT 7843

He-3 Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-196



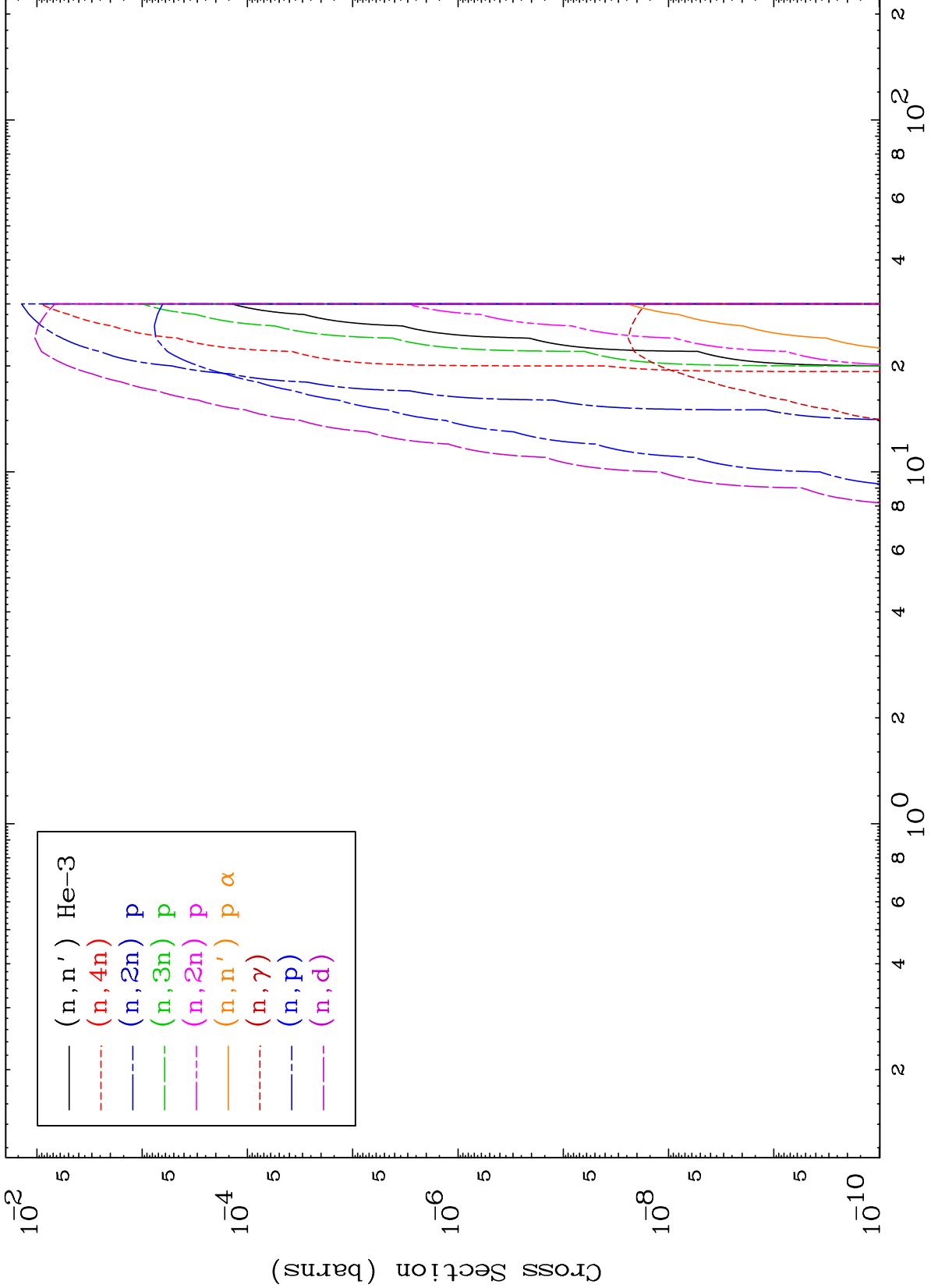
78-Pt-196

Incident Energy (MeV)

MAT 7843

He-3 Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-196



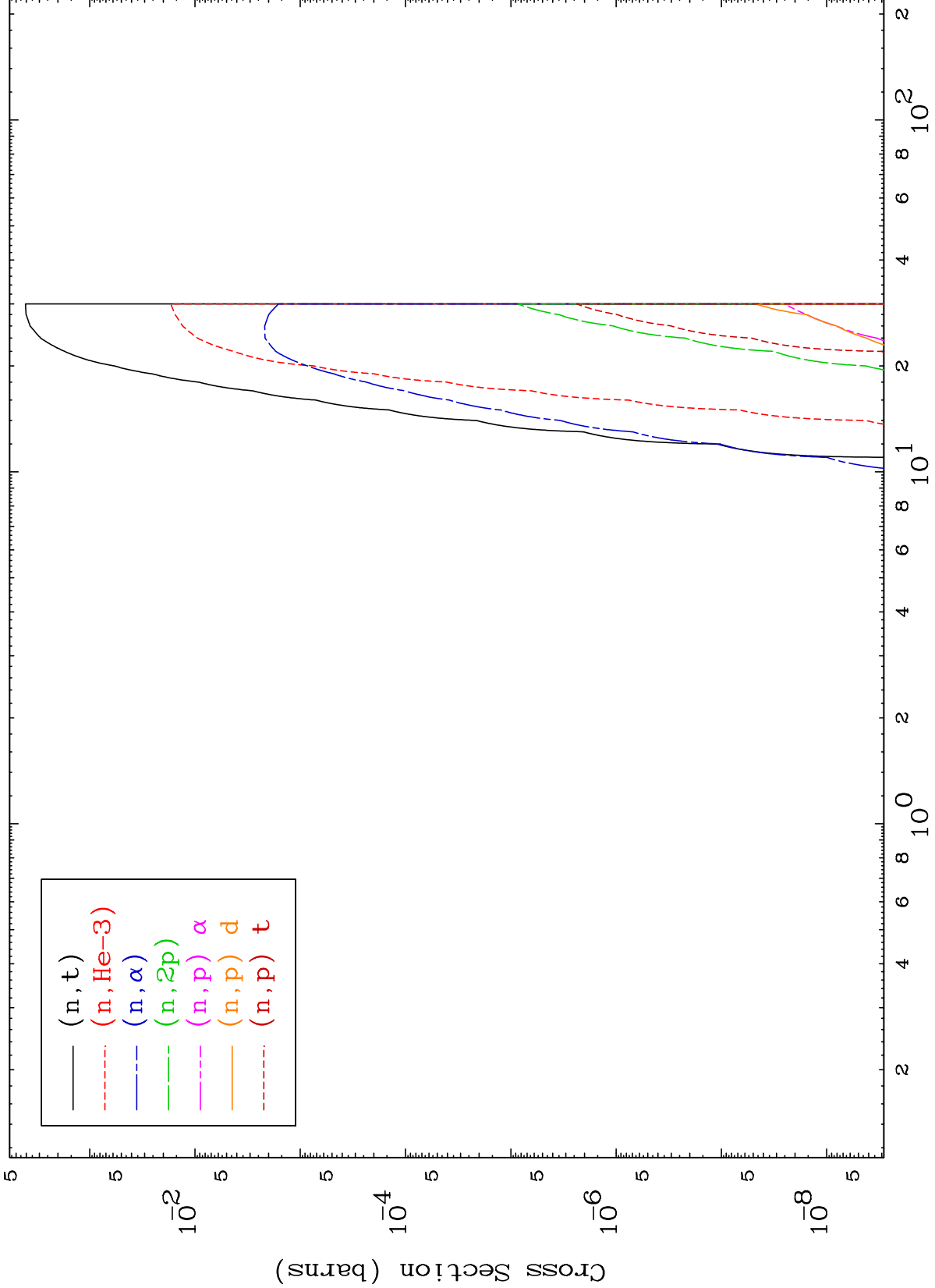
78-Pt-196

Incident Energy (MeV)

MAT 7843

He-3 Neutron Absorption  
0 Kelvin Cross Sections

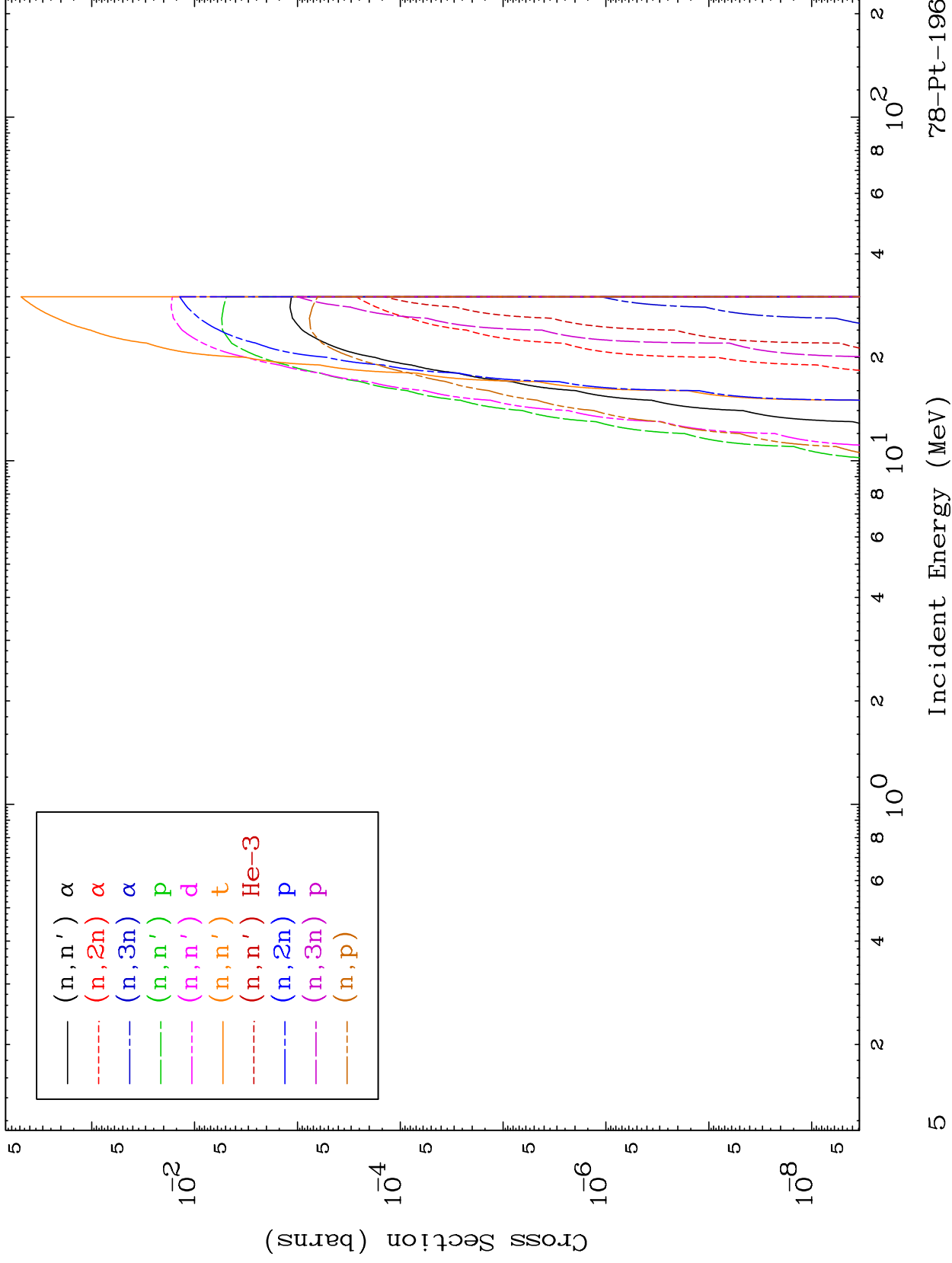
78-Pt-196



MAT 7843

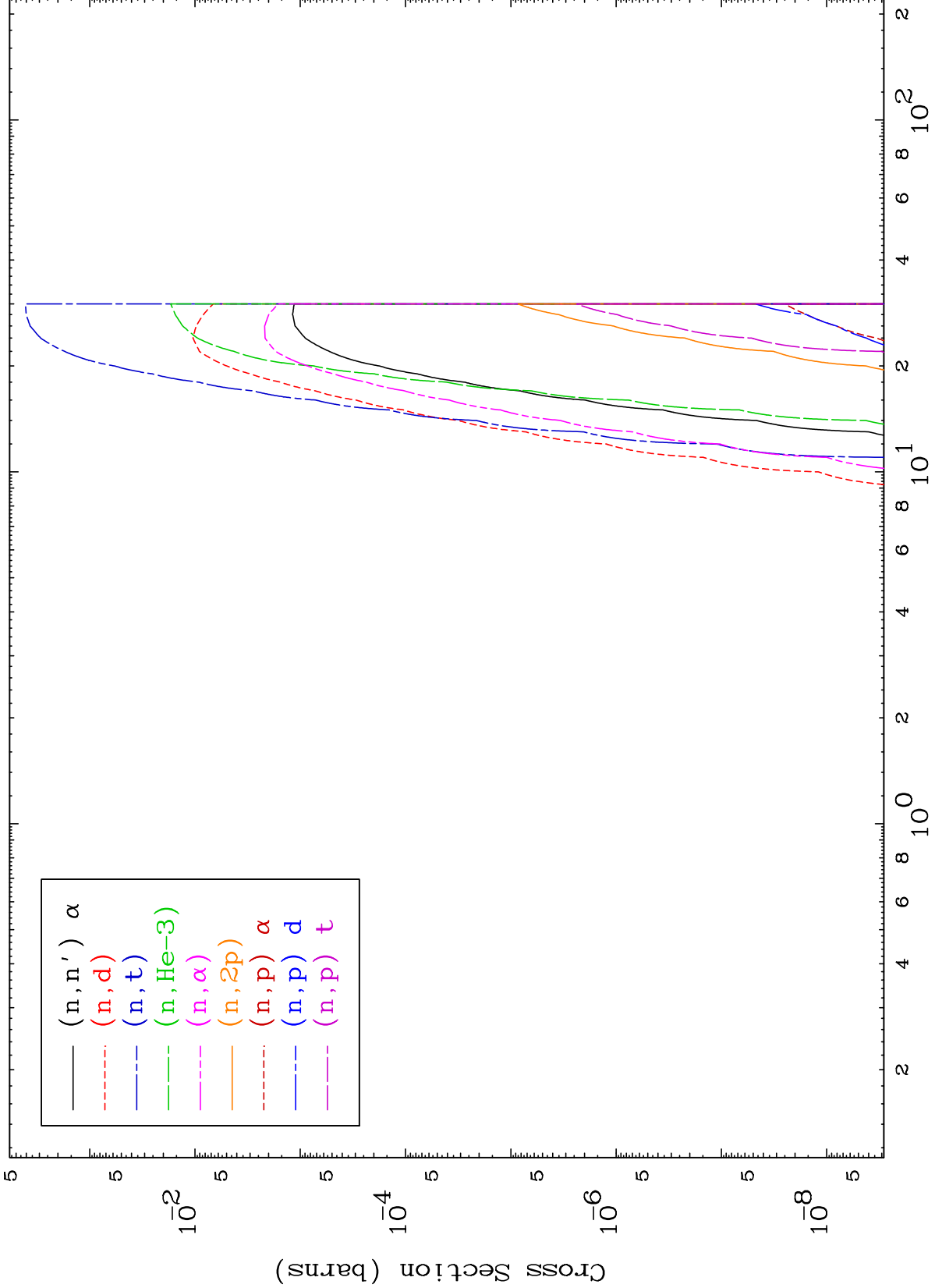
He-3 Charged Particle  
0 Kelvin Cross Sections

78-Pt-196



5

78-Pt-196

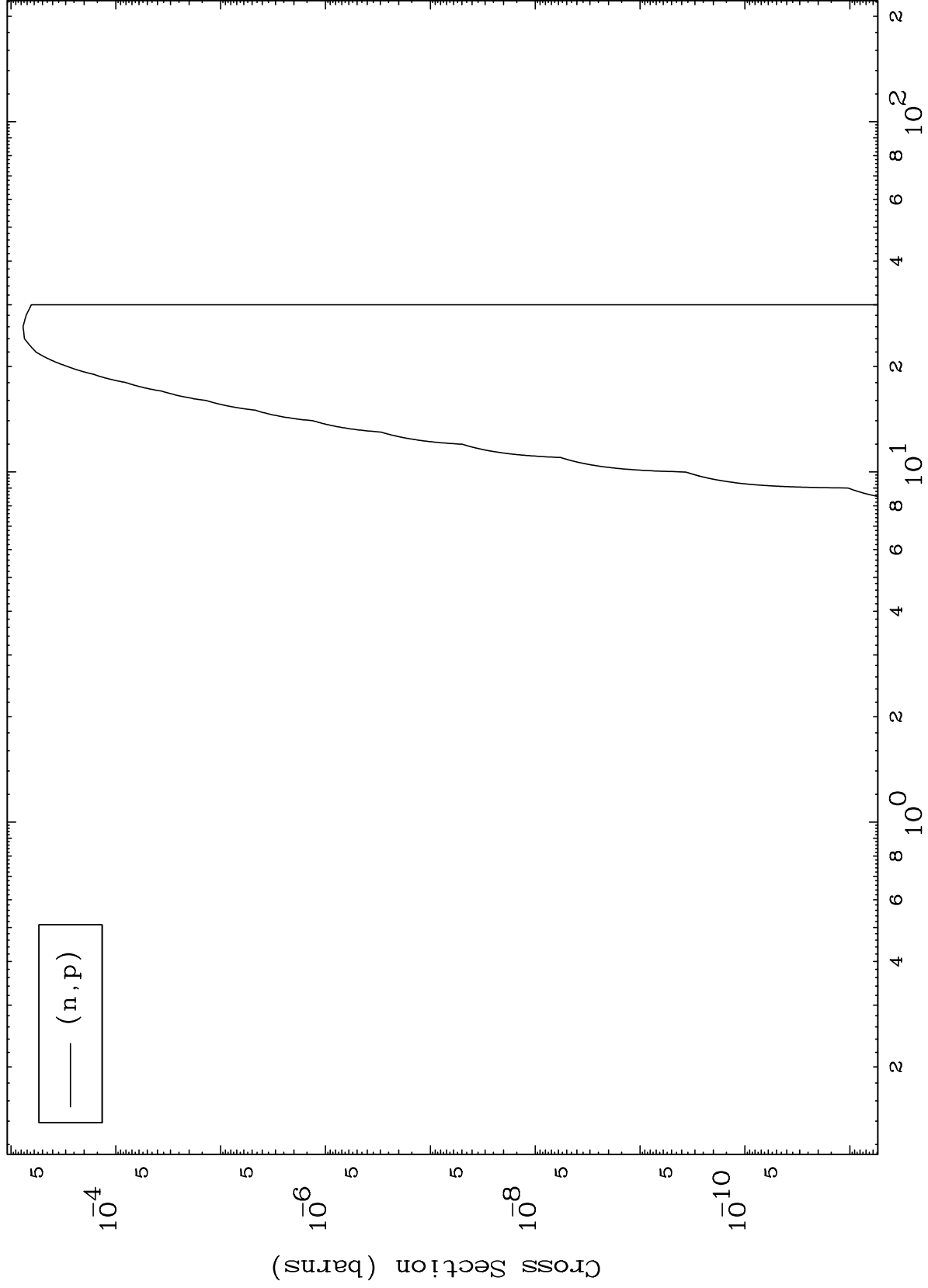


MAT 7843

(He-3,p) Levels

78-Pt-196

0 Kelvin Cross Sections



7

Incident Energy (MeV)

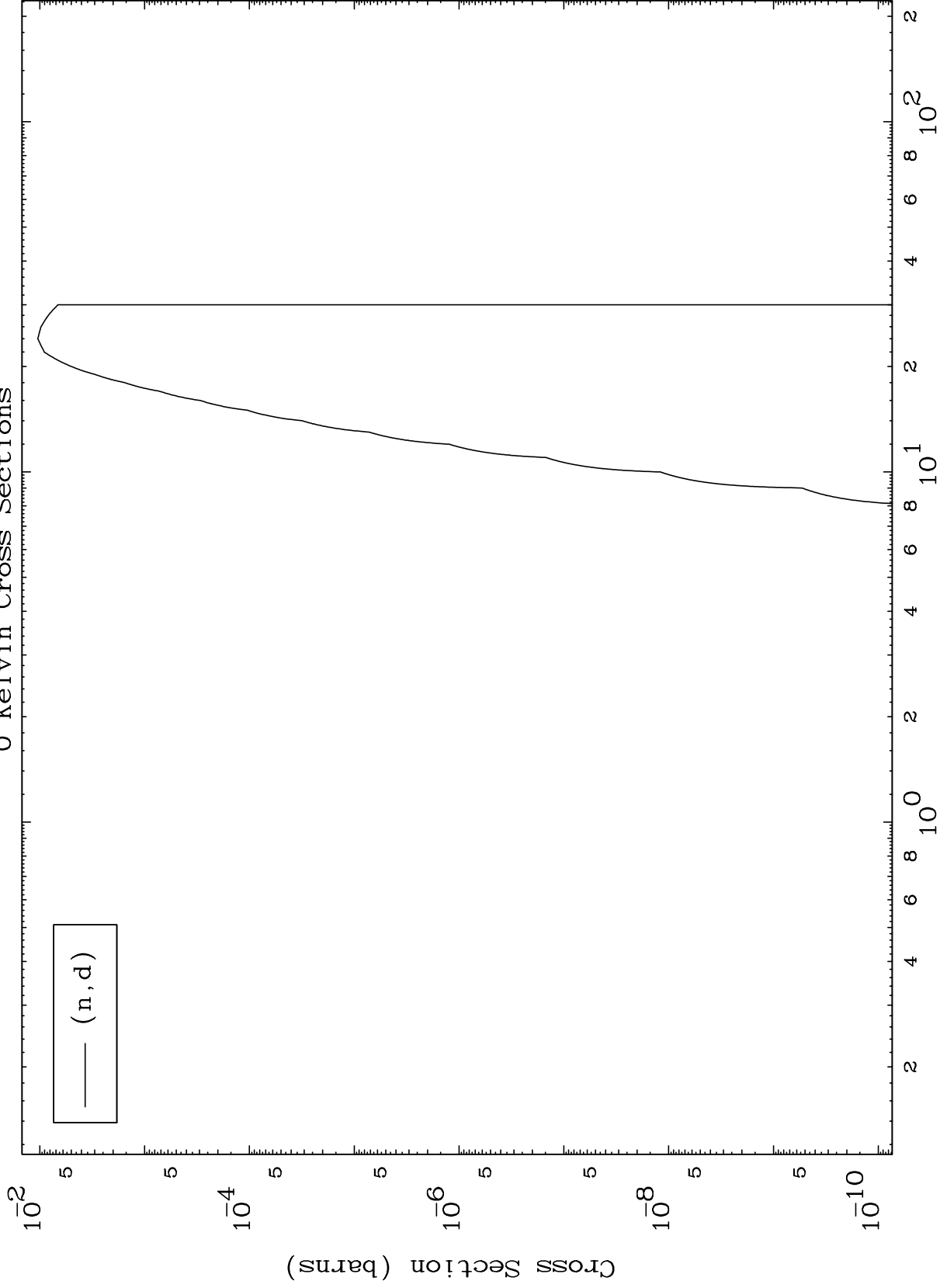
78-Pt-196

MAT 7843

(He-3,d) Levels

78-Pt-196

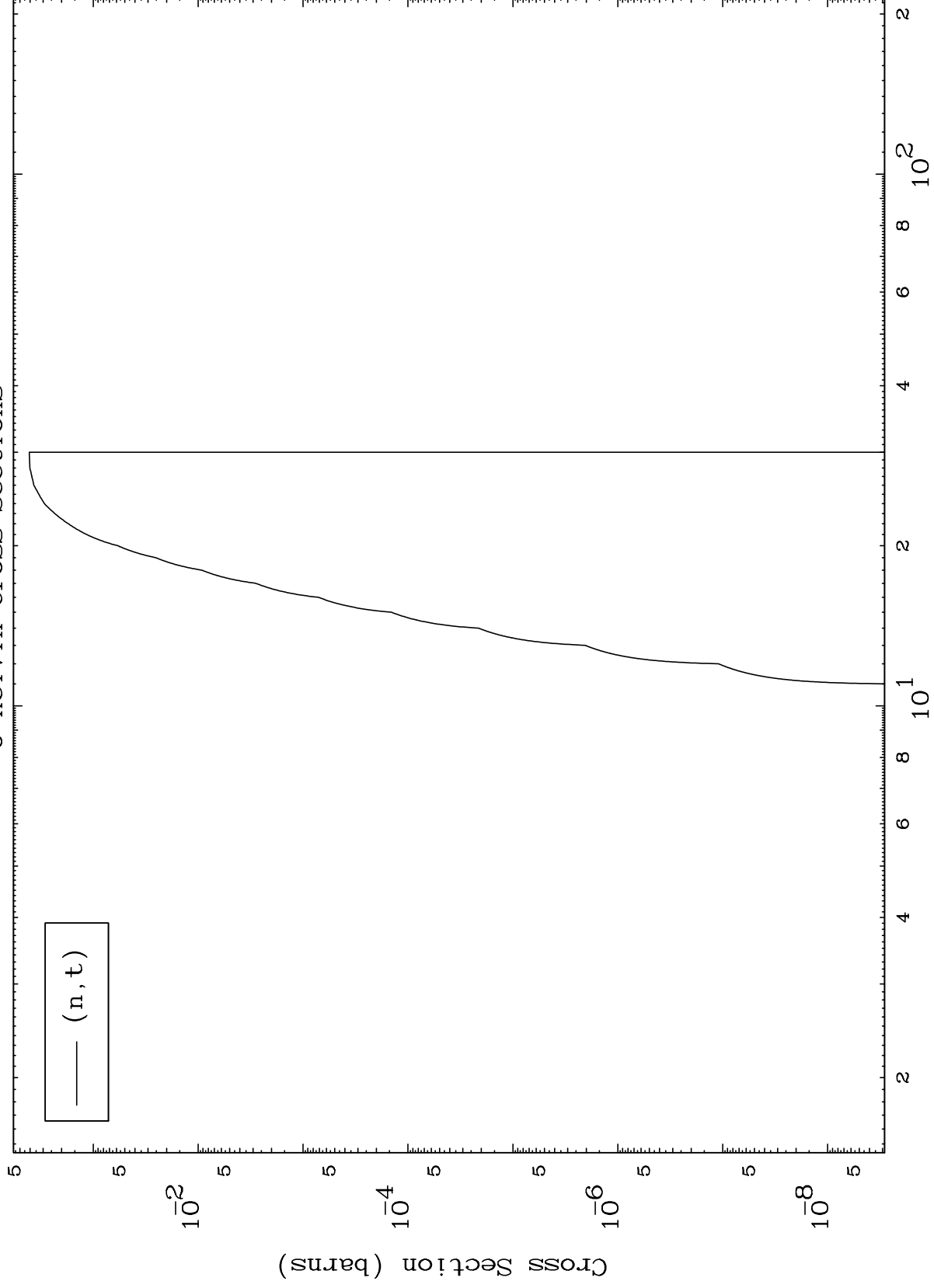
0 Kelvin Cross Sections



MAT 7843

(He-3,t) Levels  
0 Kelvin Cross Sections

78-Pt-196



9

Incident Energy (MeV)

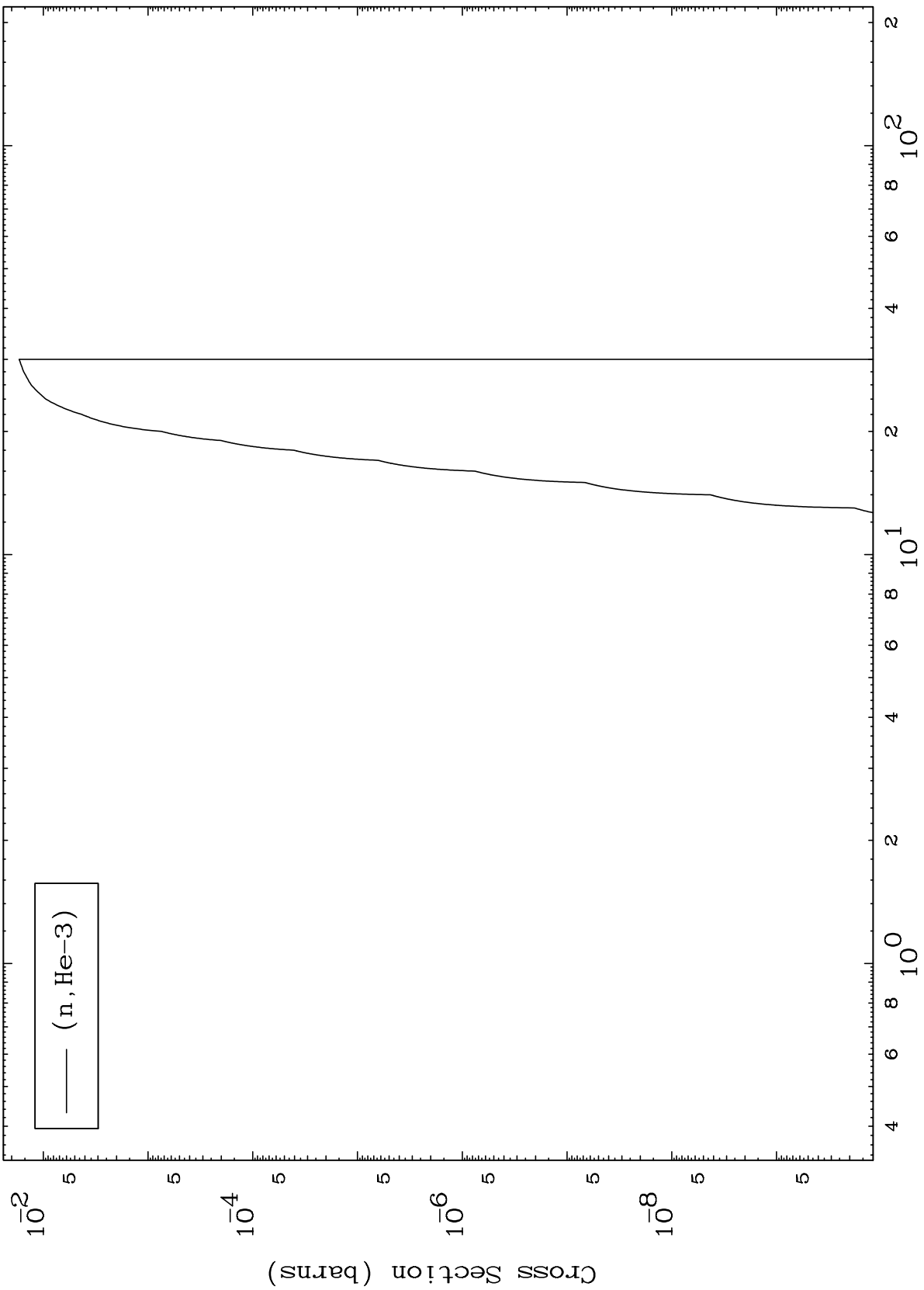
78-Pt-196

MAT 7843

(He-3, He3) Levels

78-Pt-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

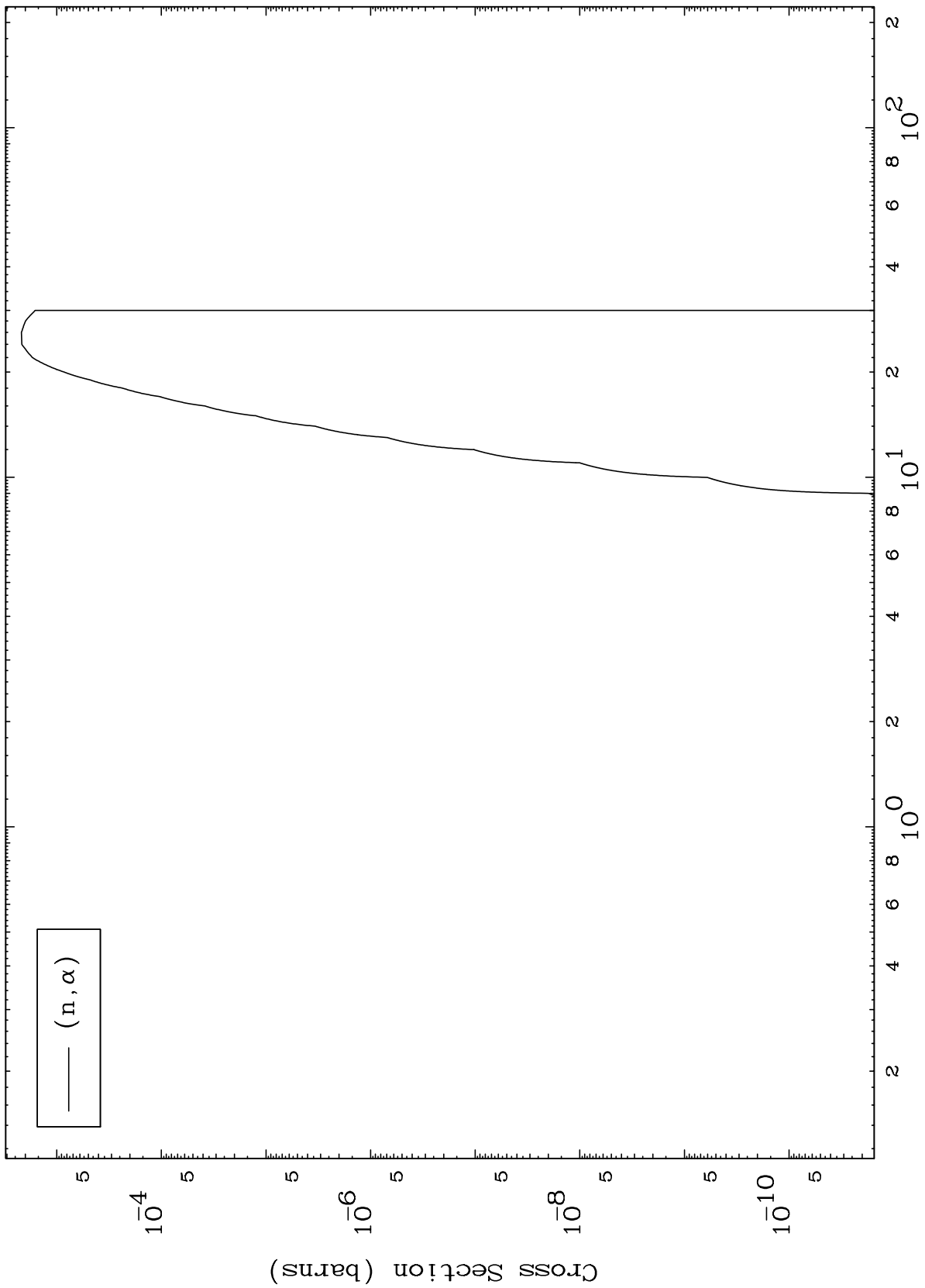
78-Pt-196

MAT 7843

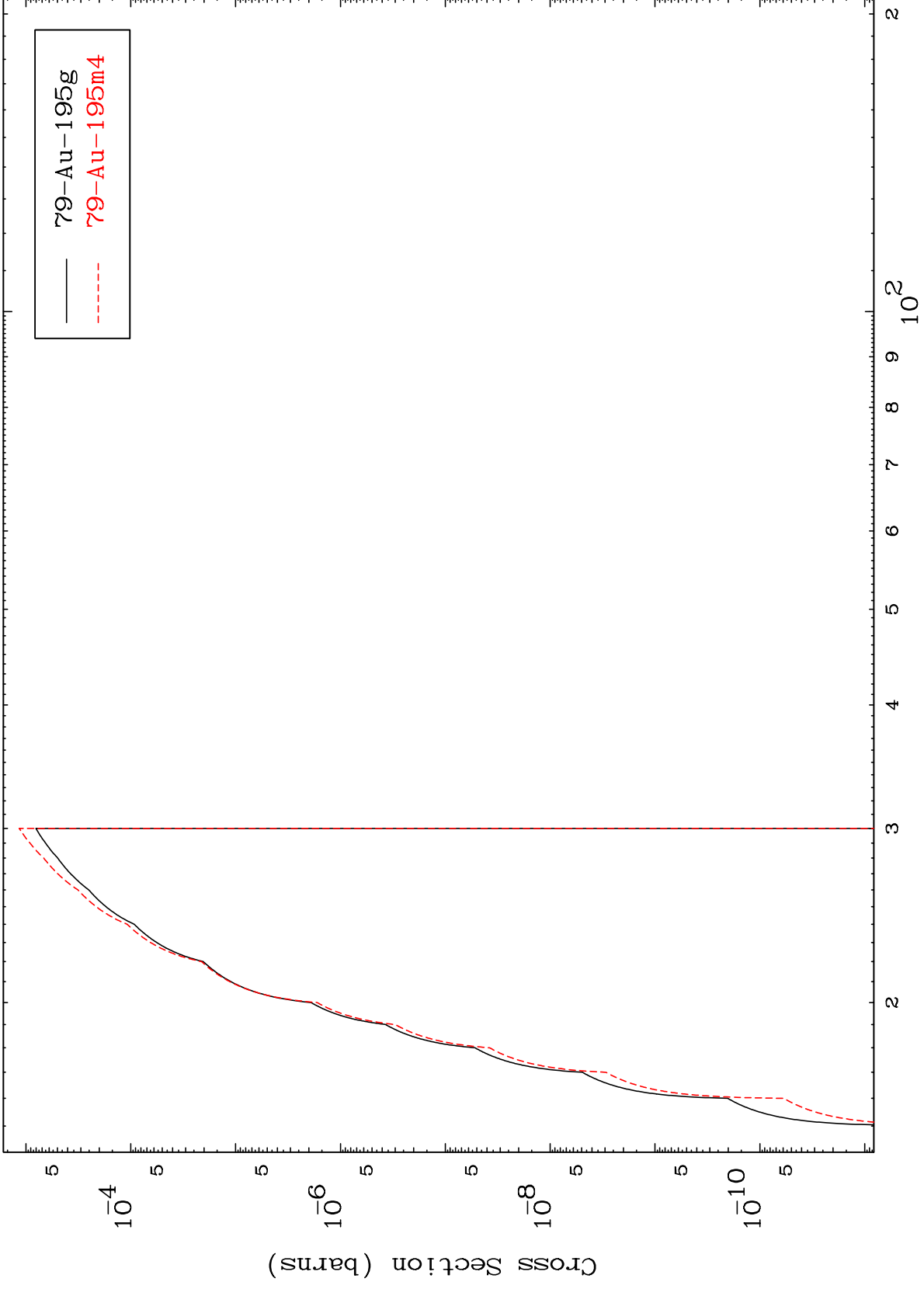
(He-3,  $\alpha$ ) Levels

78-Pt-196

0 Kelvin Cross Sections



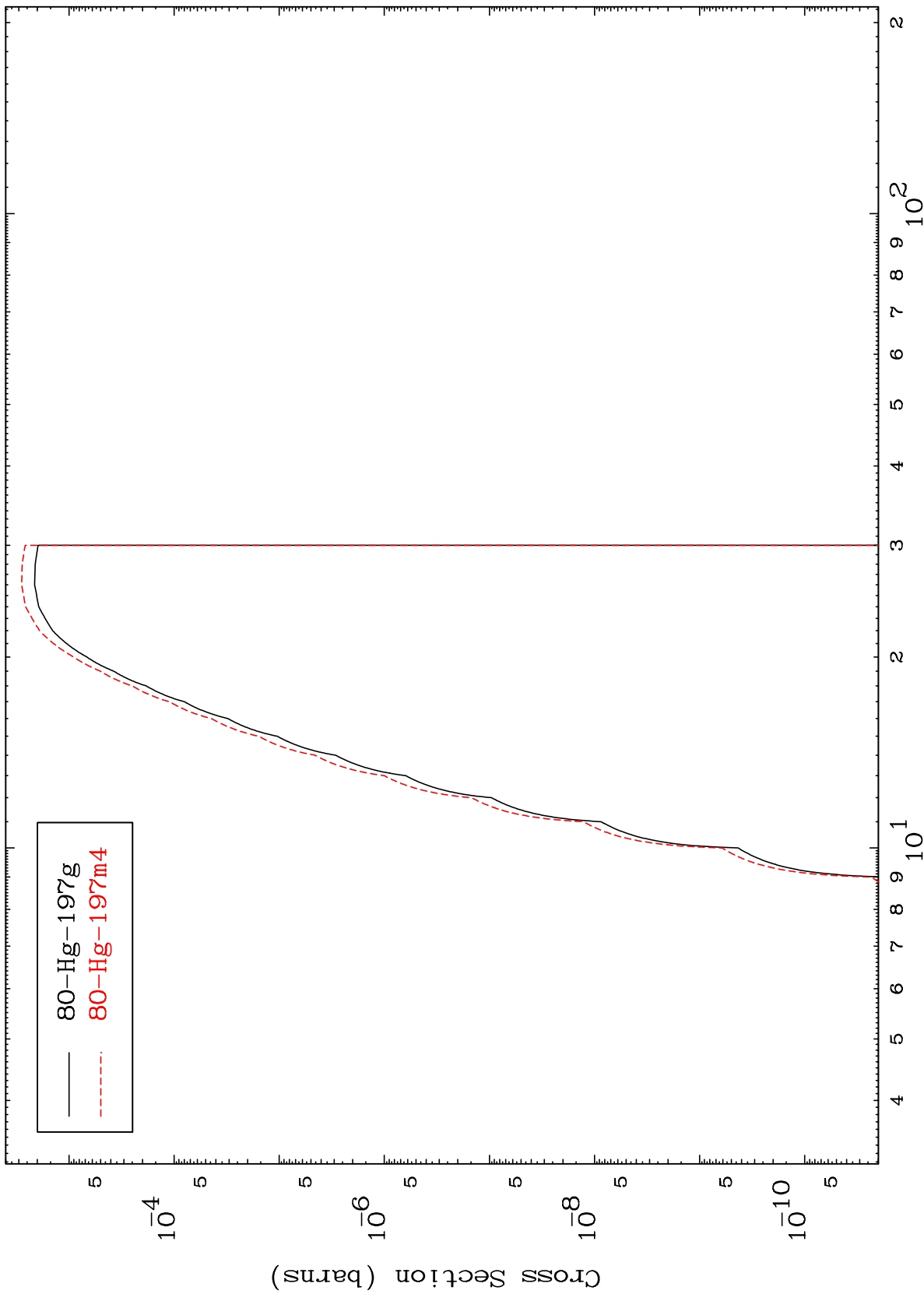
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

Radionuclide Production Cross Section  
(n,2n)



13

Incident Energy (MeV)

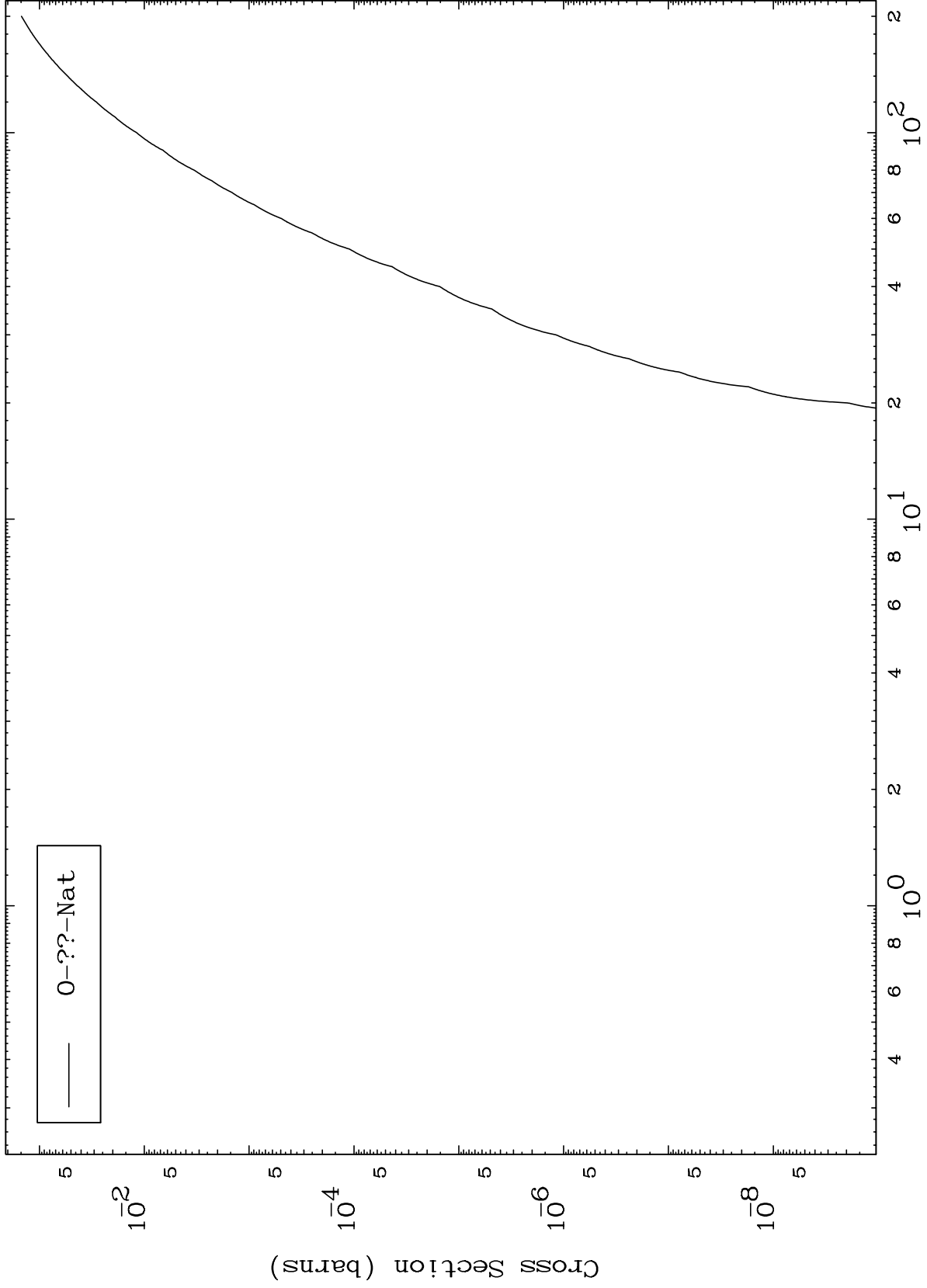
78-Pt-196

MAT 7843

Fission

78-Pt-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

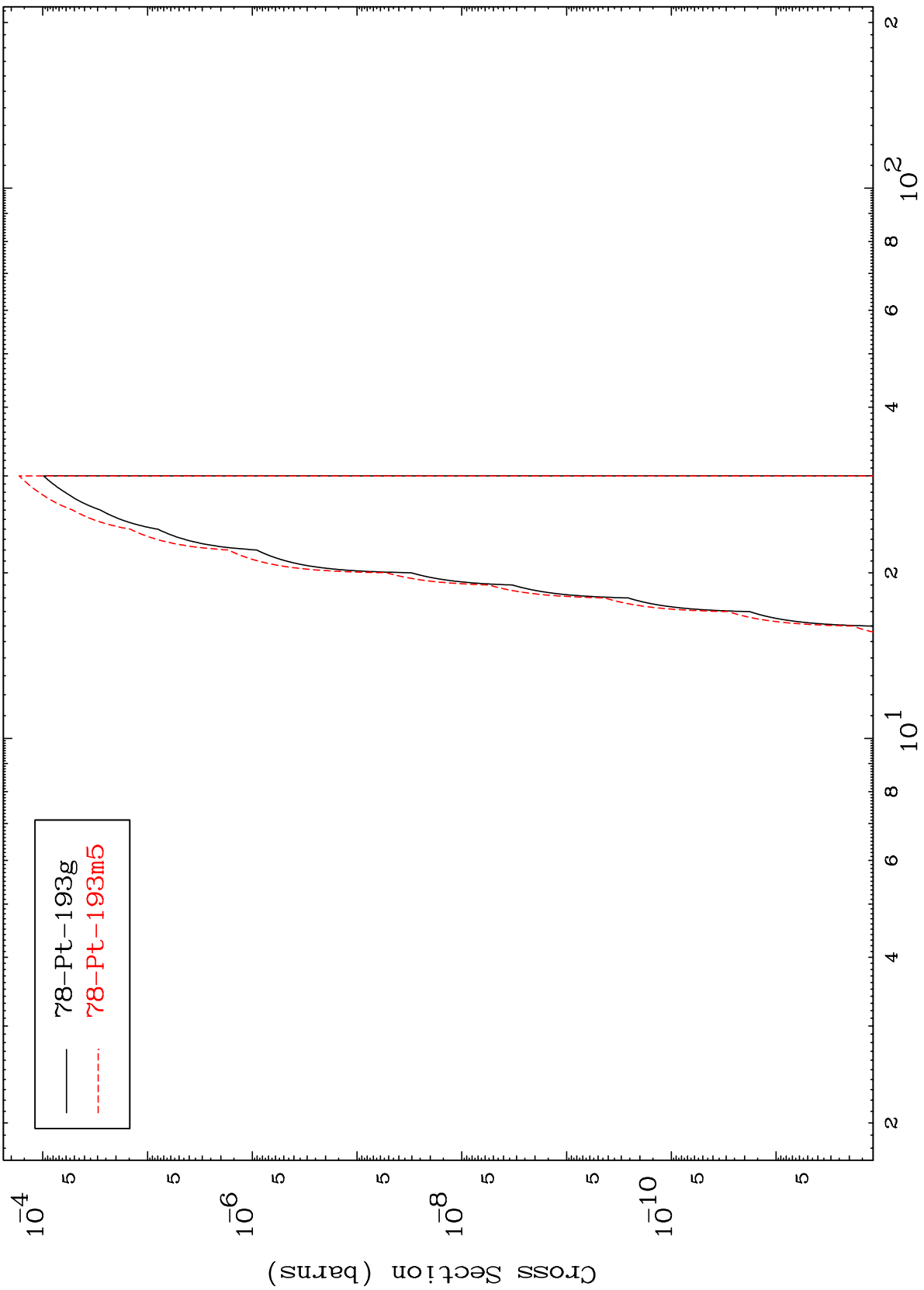
78-Pt-196

MAT 7843

$(n,2n) \alpha$

78-Pt-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

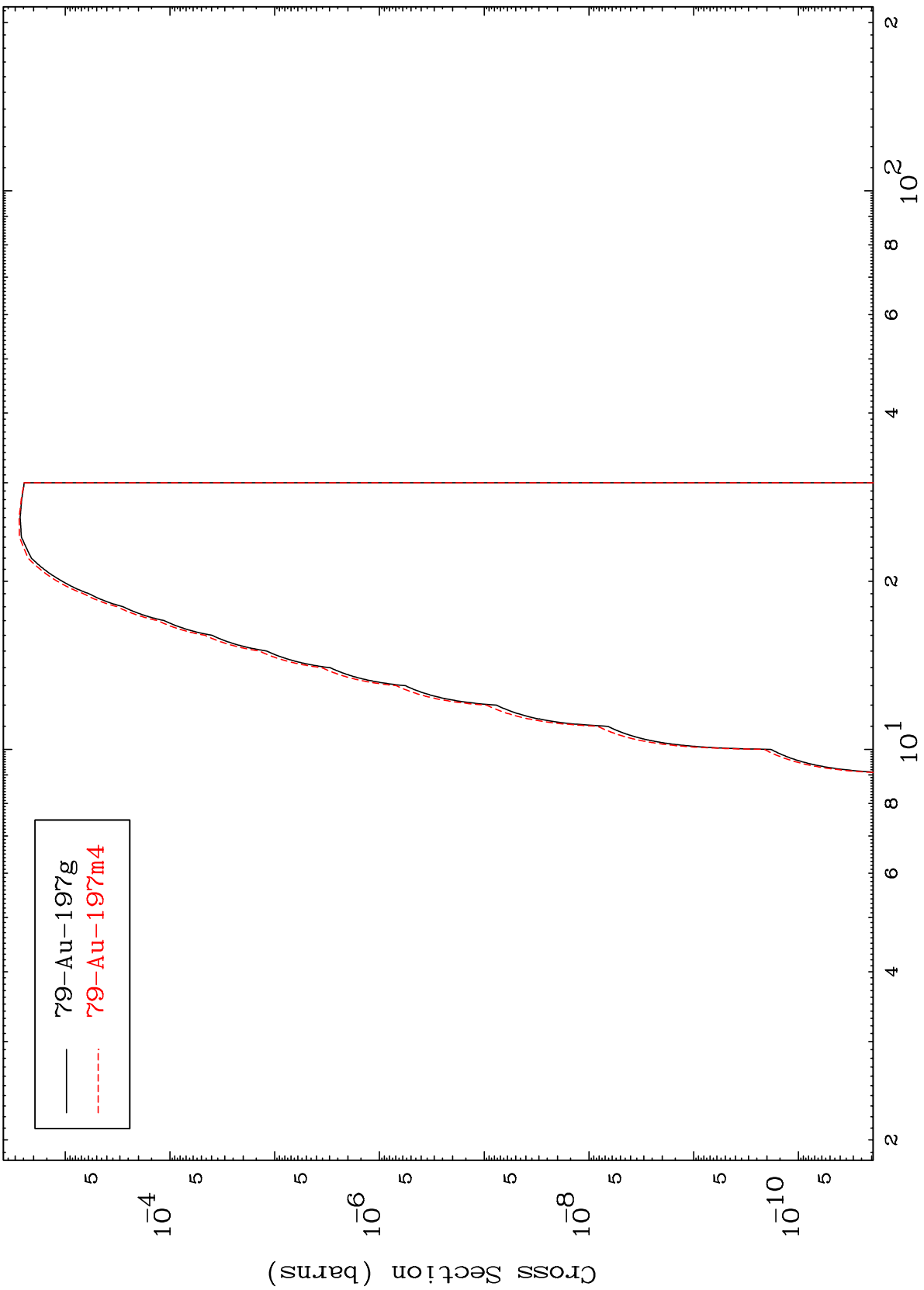
78-Pt-196

MAT 7843

(n,n') p

78-Pt-196

Radionuclide Production Cross Section



79-Au-197g  
79-Au-197m4

16

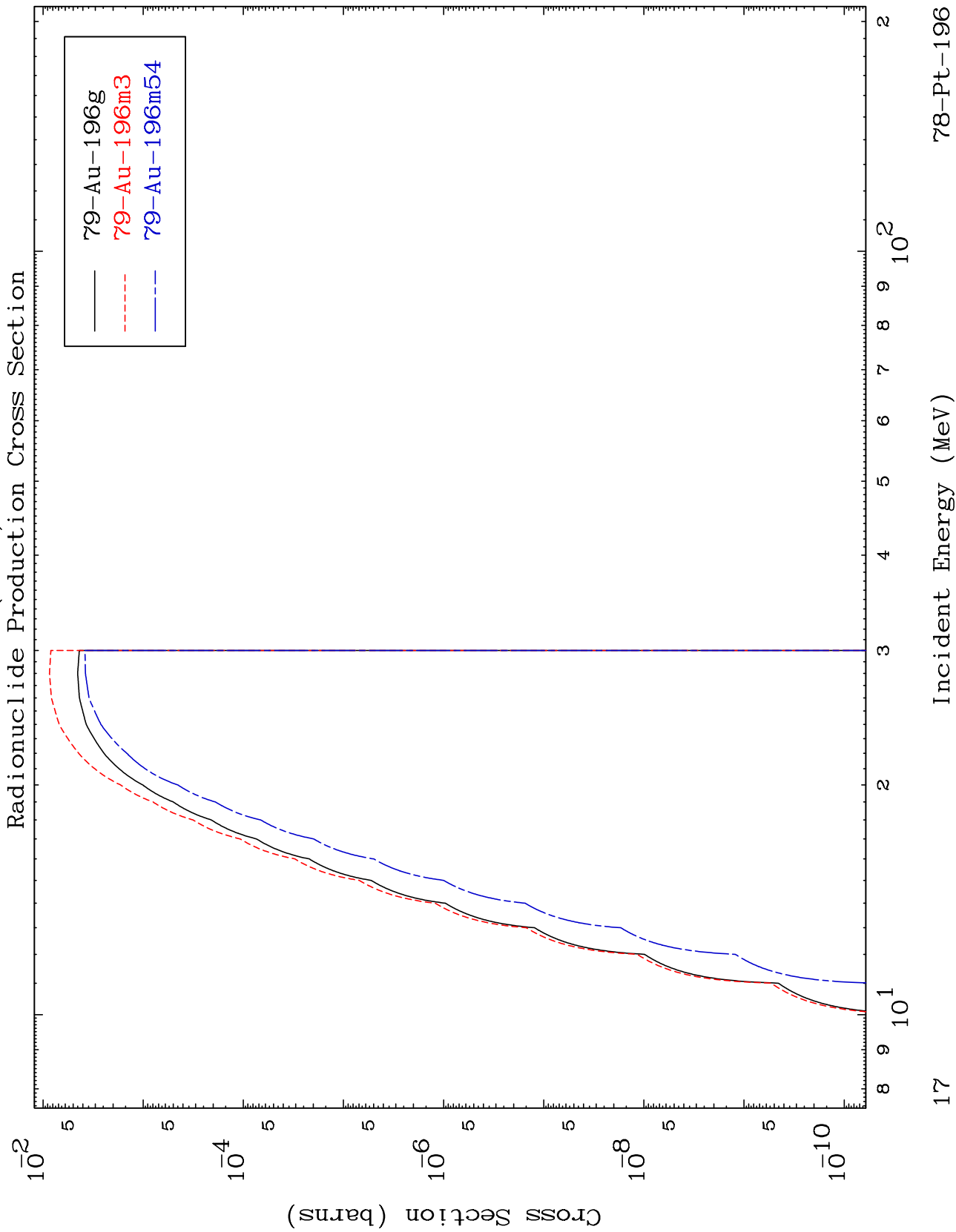
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,n') d

78-Pt-196



17

Incident Energy (MeV)

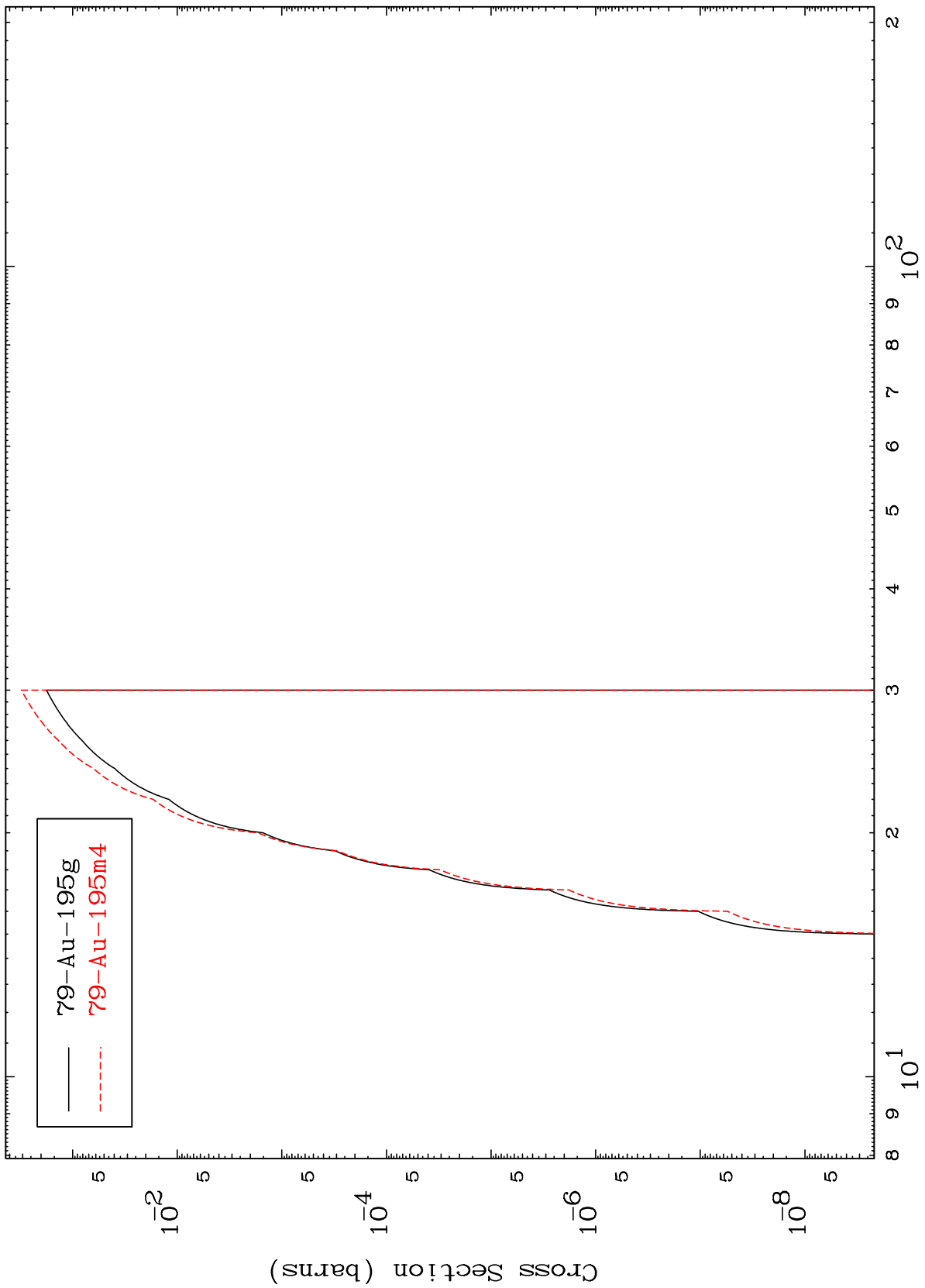
78-Pt-196

MAT 7843

(n,n') t

78-Pt-196

Radionuclide Production Cross Section



18

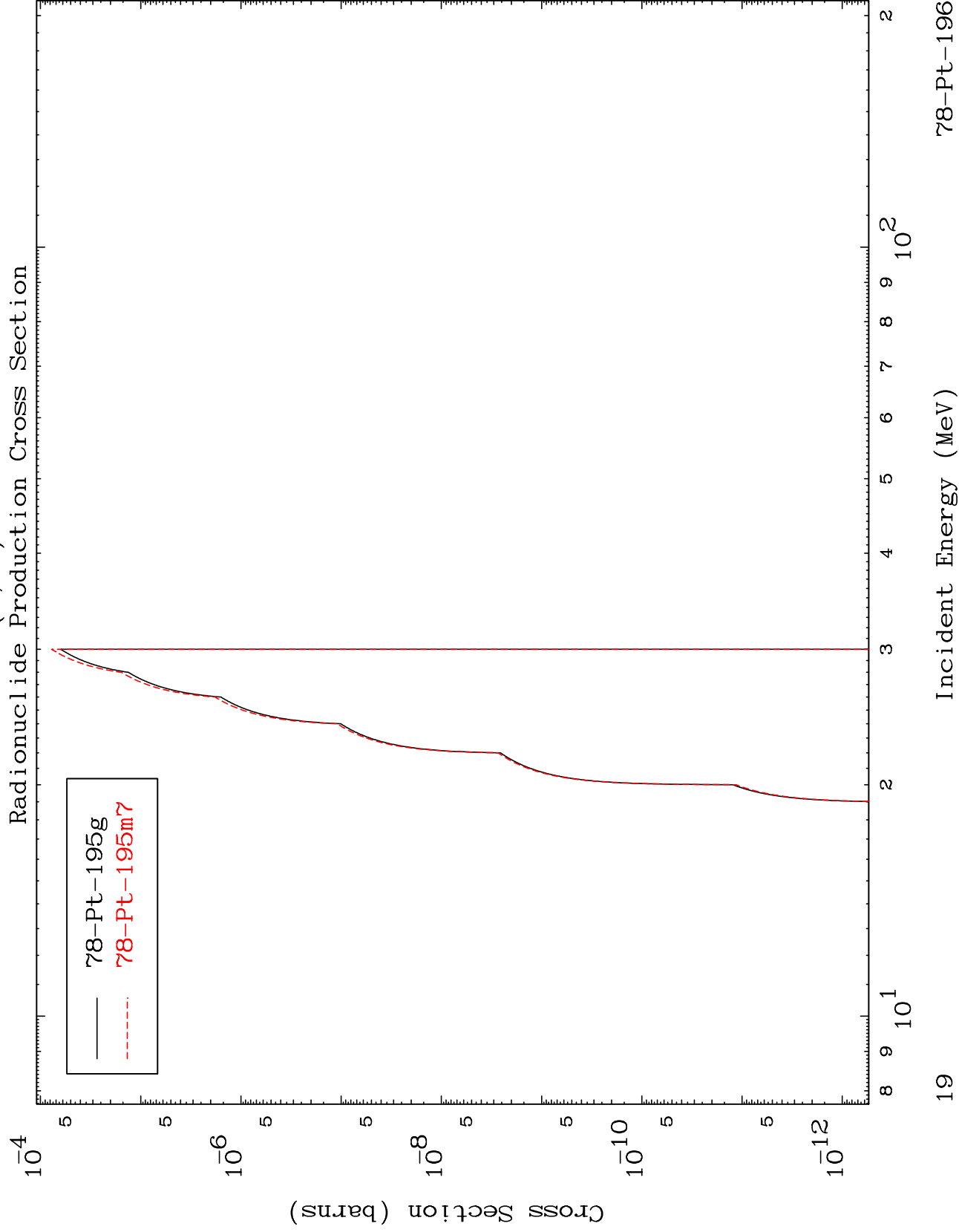
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,n') He-3

78-Pt-196



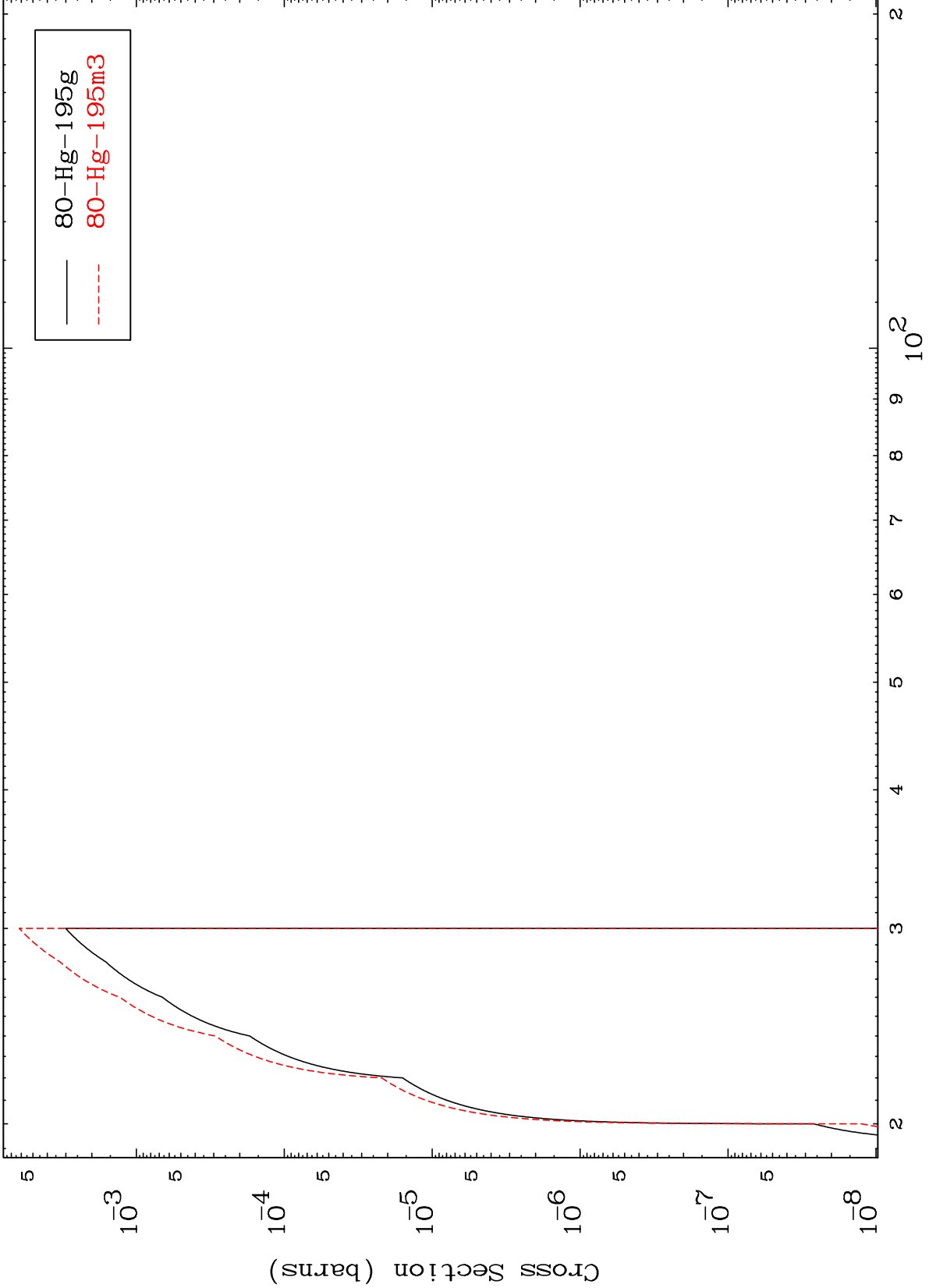
19

MAT 7843

(n,4n)

78-Pt-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

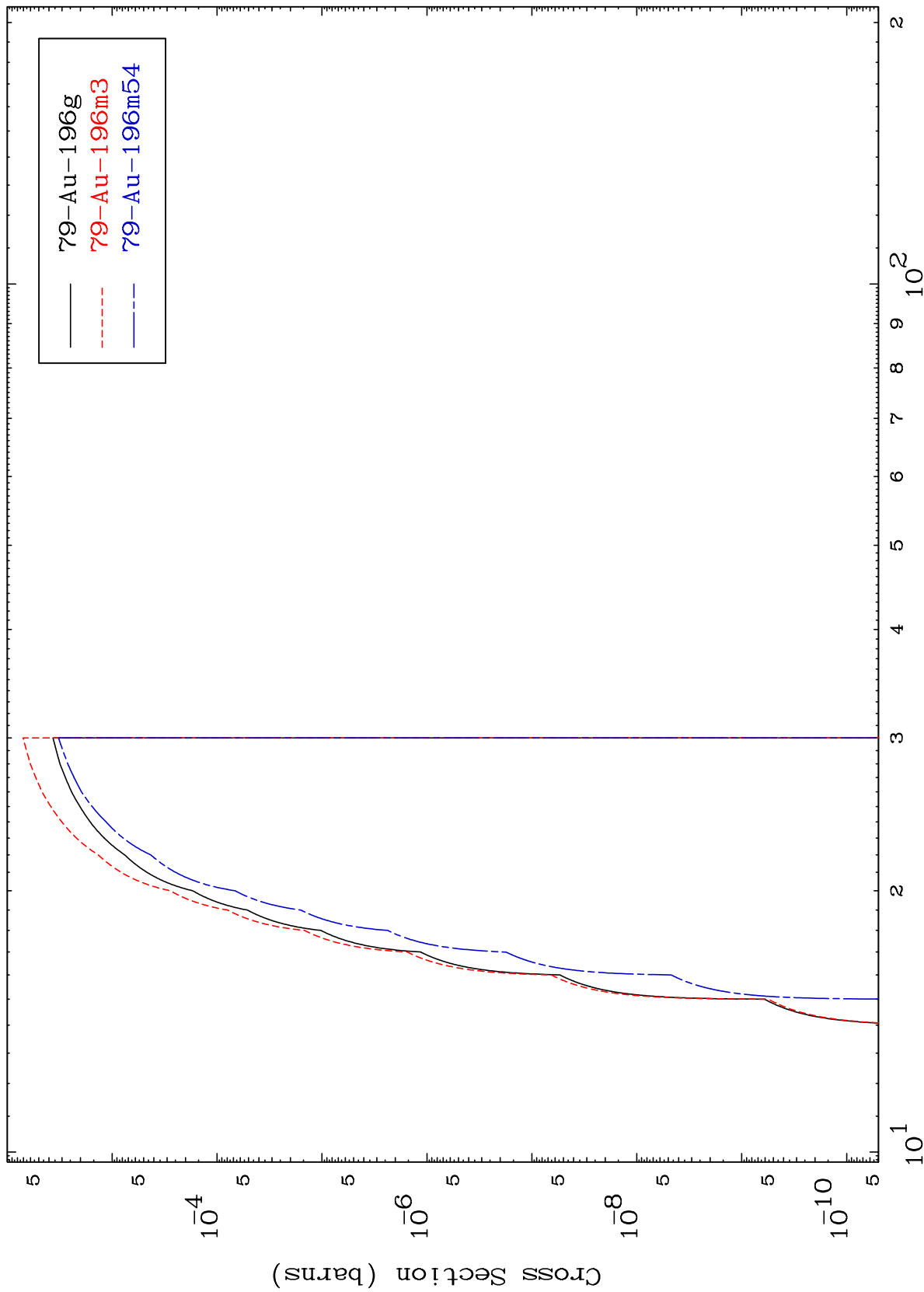
78-Pt-196

MAT 7843

(n,2n) p

78-Pt-196

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-196

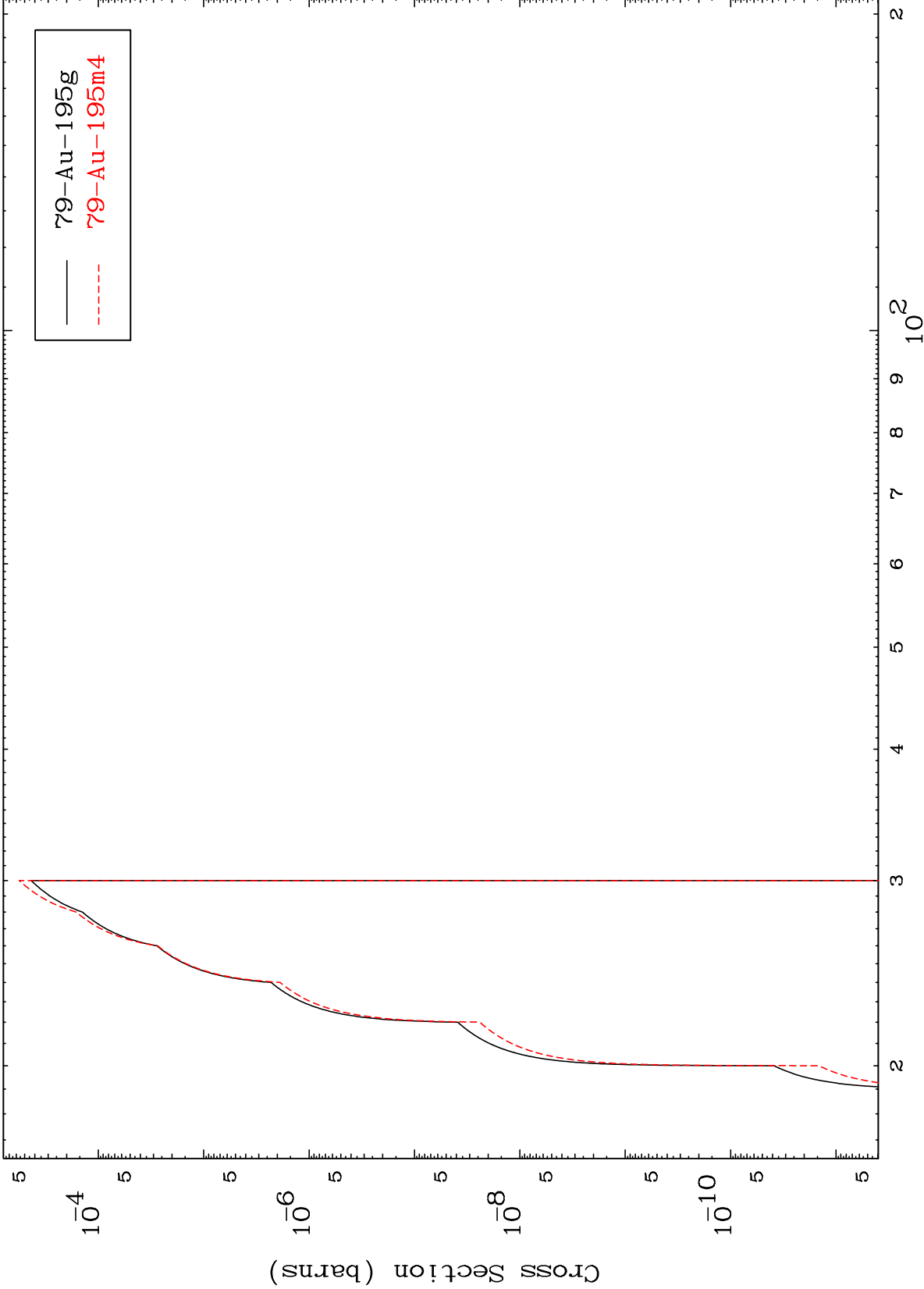
21

MAT 7843

(n,3n) p

78-Pt-196

Radionuclide Production Cross Section

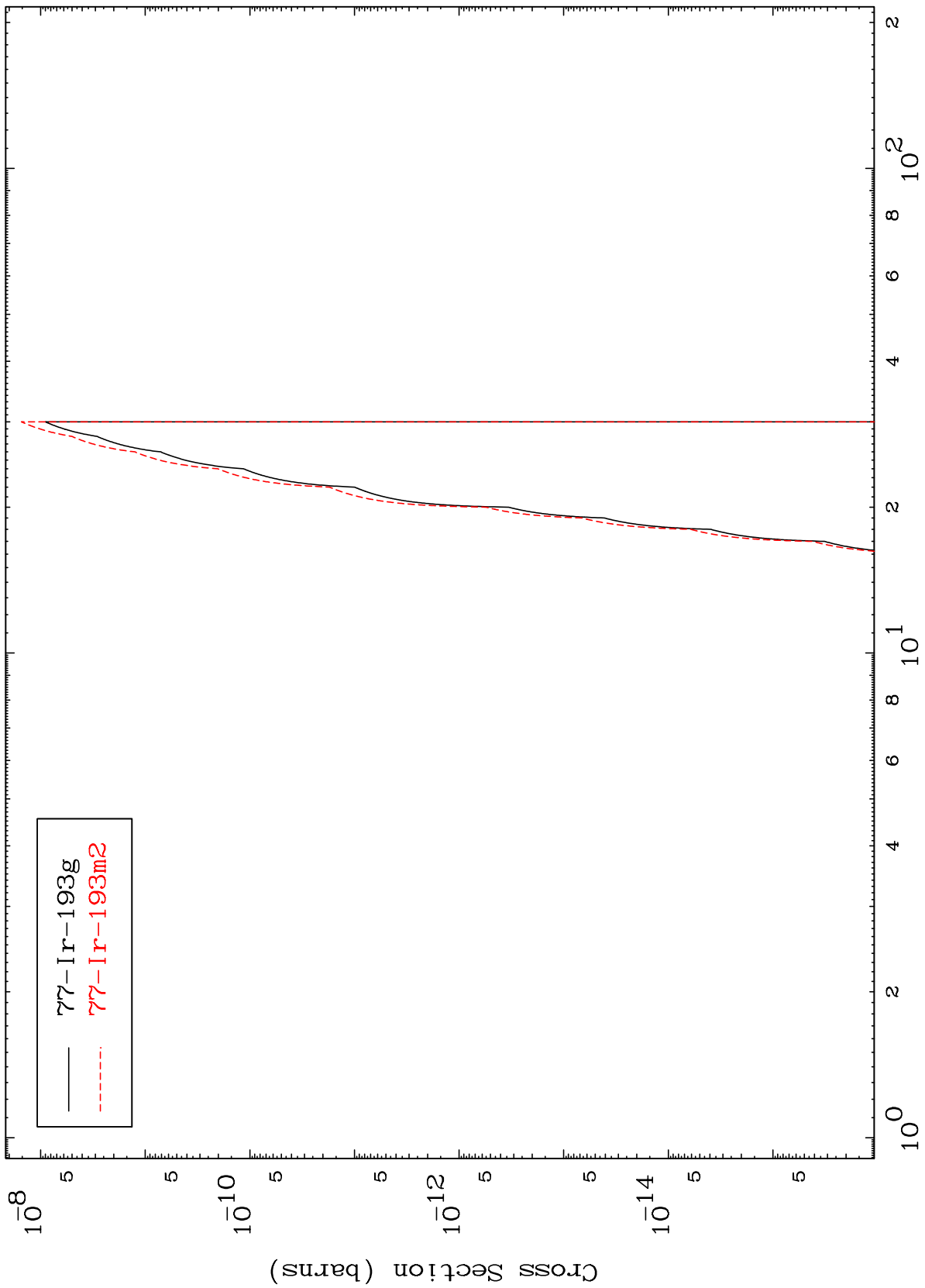


MAT 7843

(n,n') p  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



23

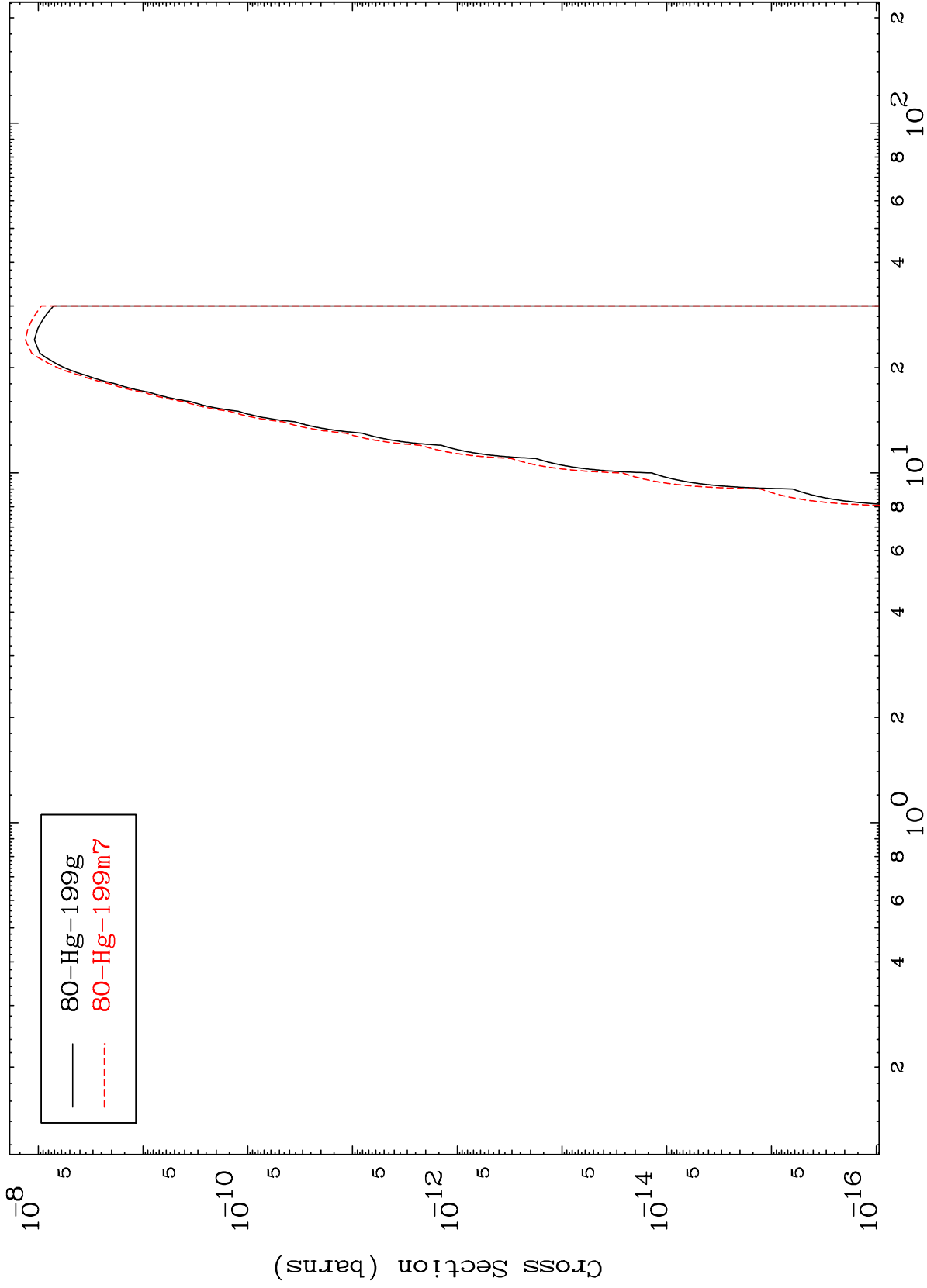
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

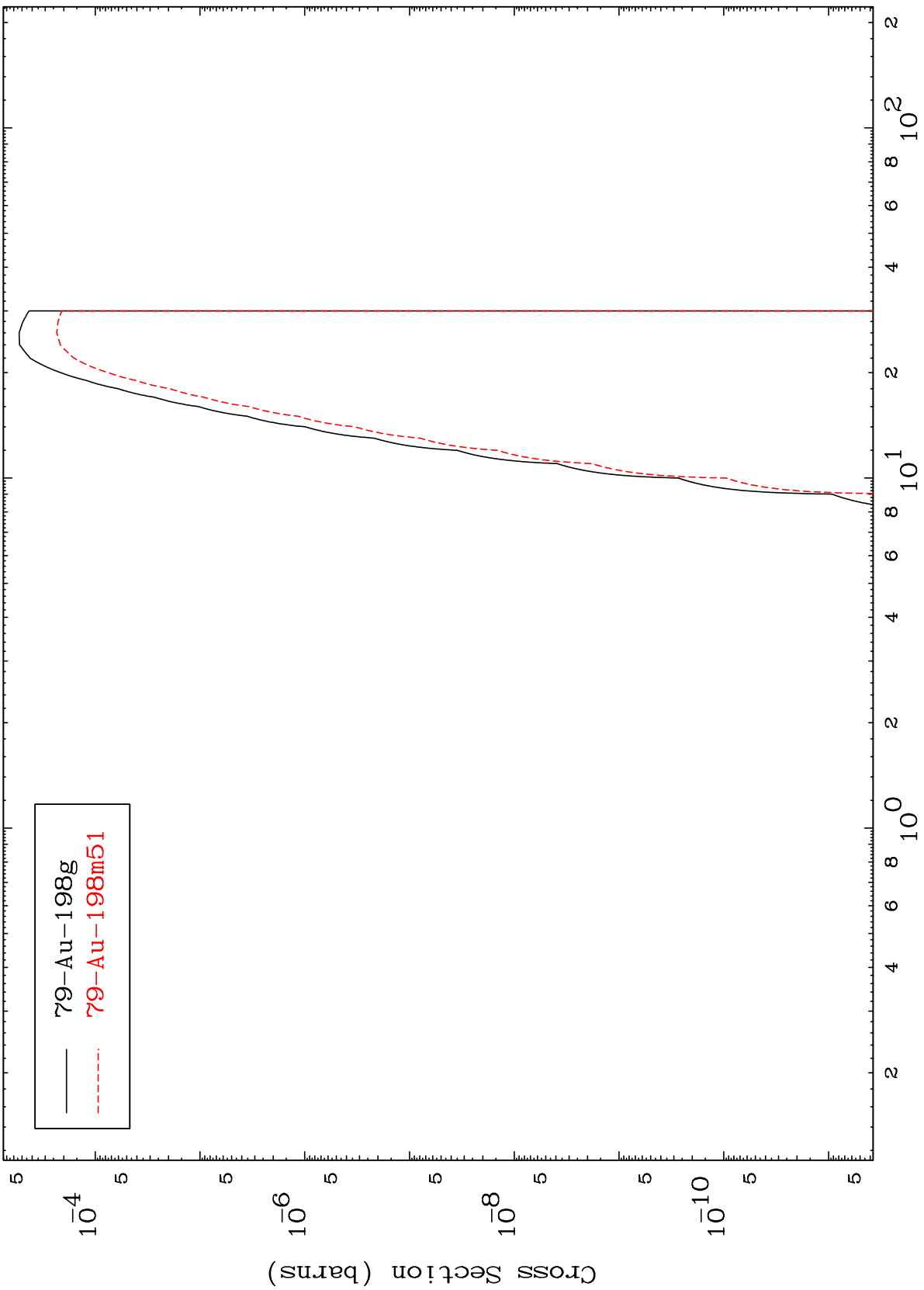
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

(n,p)  
Radionuclide Production Cross Section



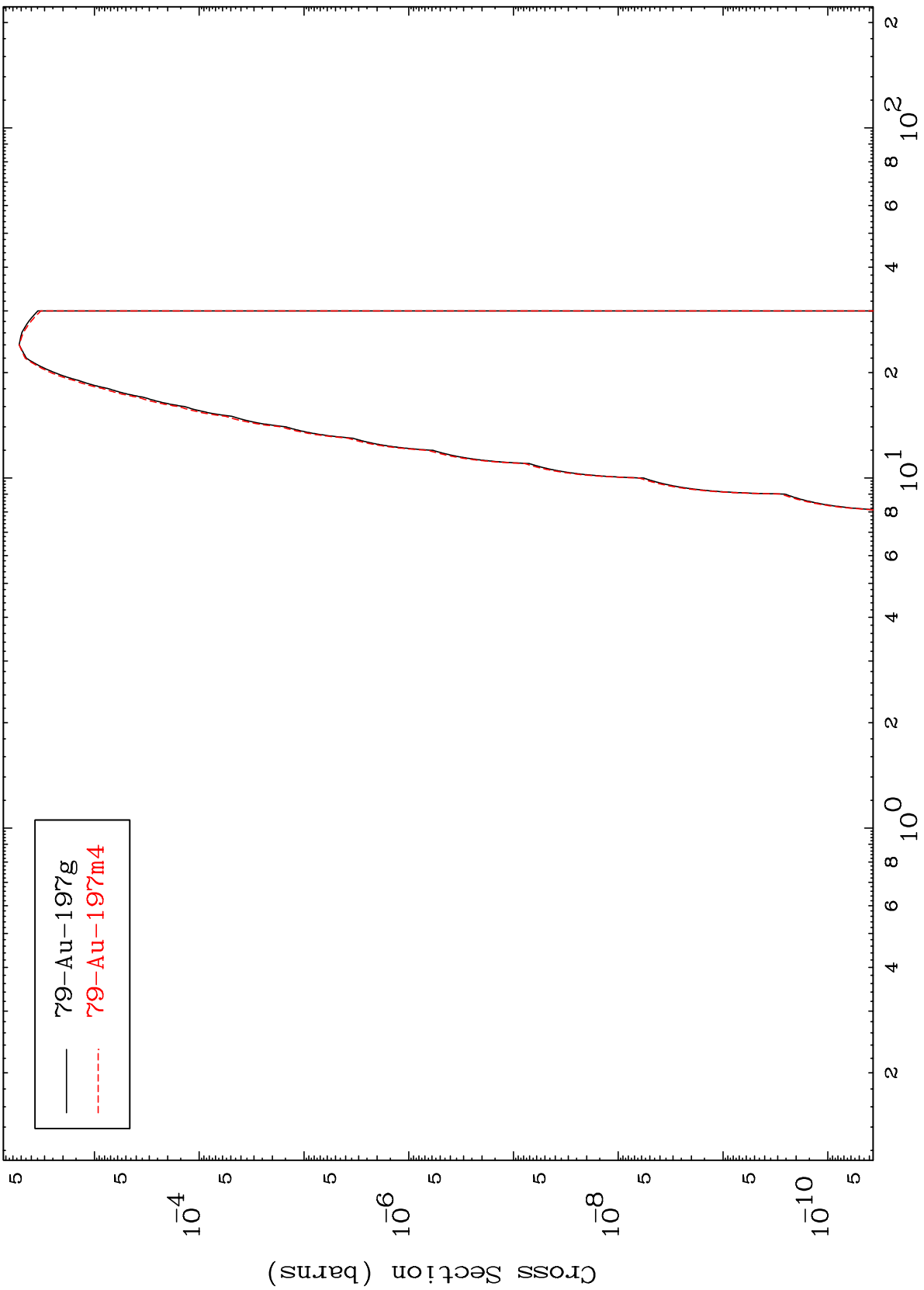
— <sup>79</sup>Au-198g  
- - - <sup>79</sup>Au-198m51

MAT 7843

(n,d)

78-Pt-196

Radionuclide Production Cross Section



26

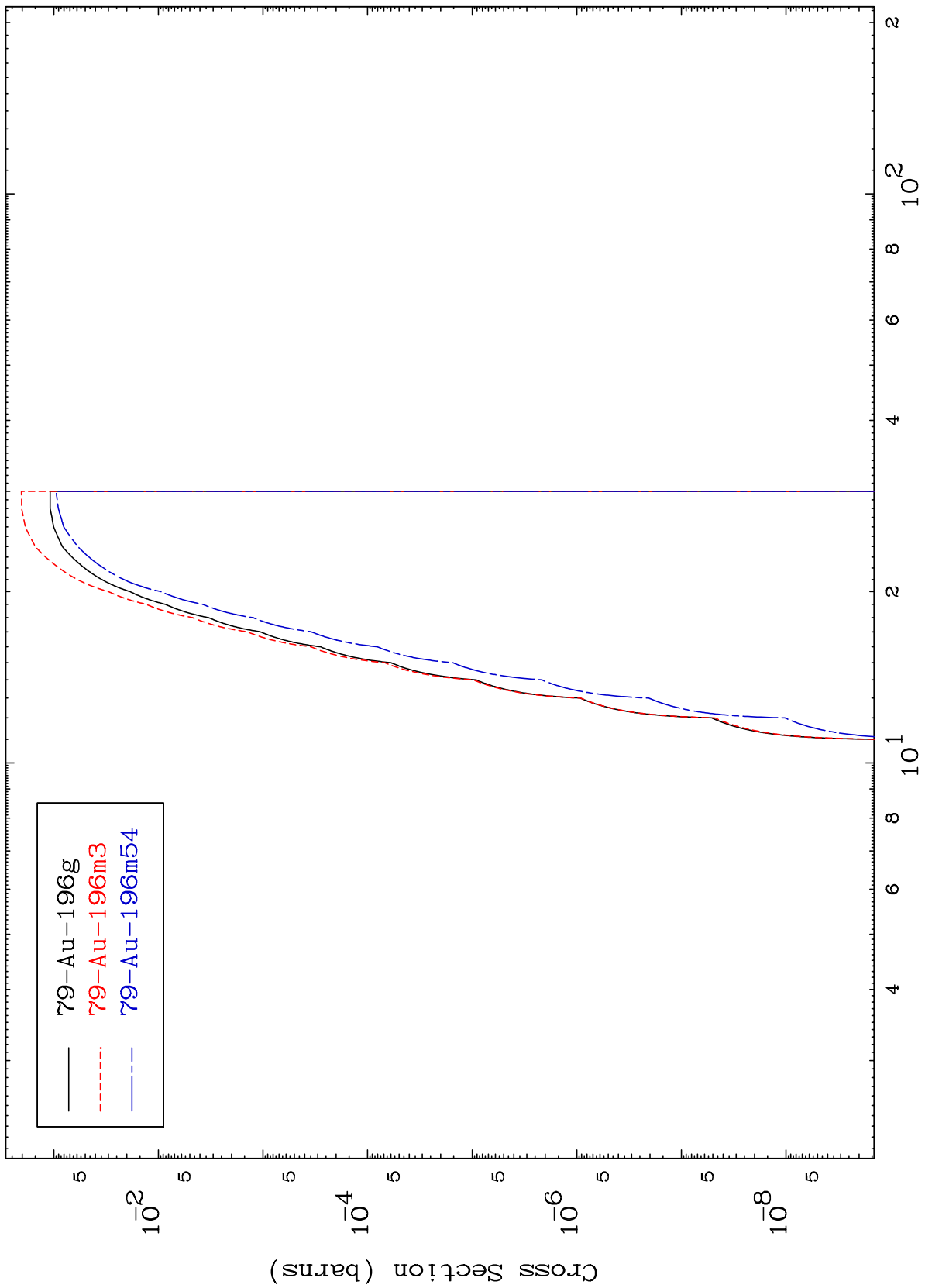
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

(n, t)  
Radionuclide Production Cross Section



27

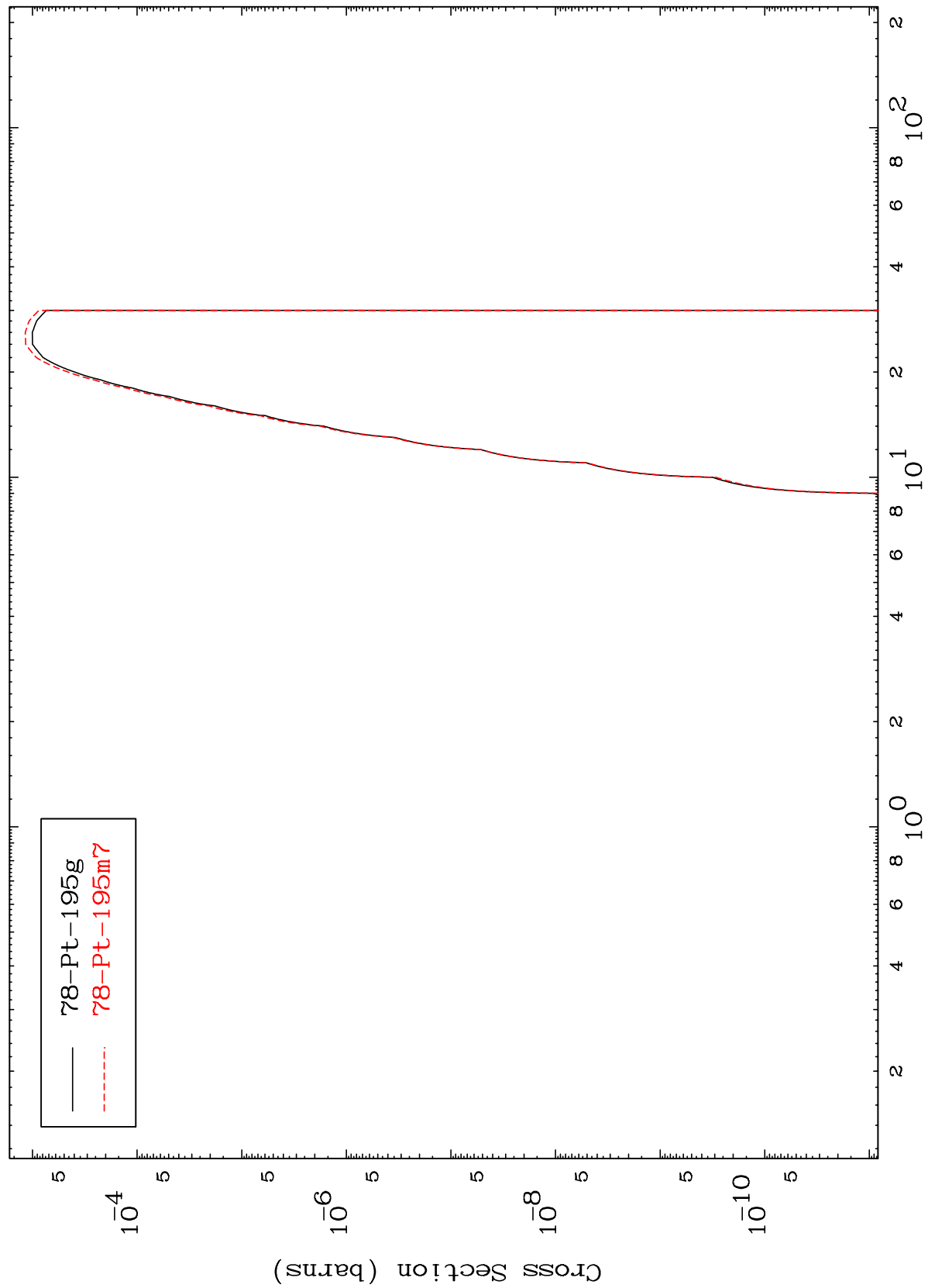
78-Pt-196

Incident Energy (MeV)

MAT 7843

78-Pt-196

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



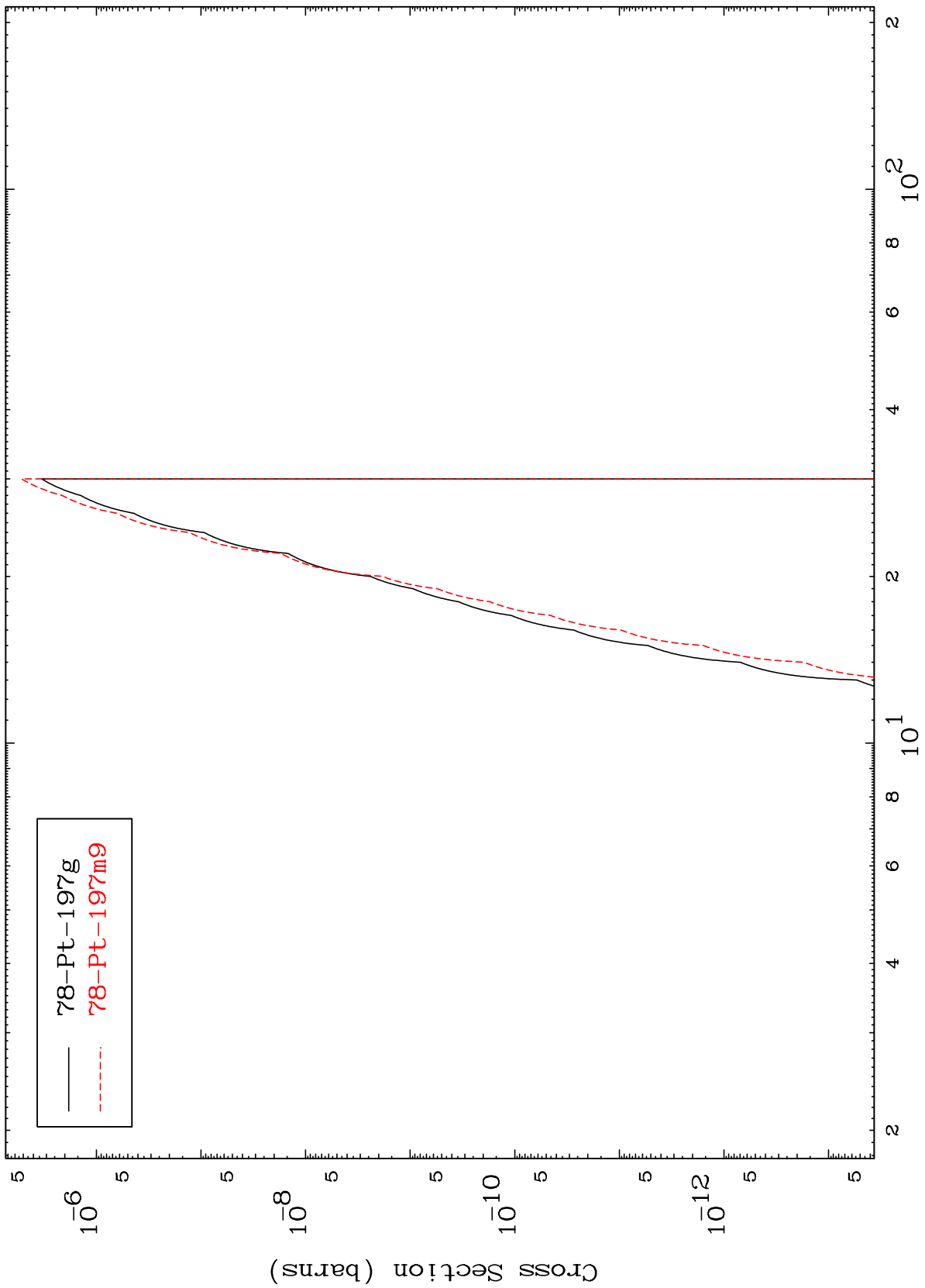
28

78-Pt-196

MAT 7843

78-Pt-196

(n,2p)  
Radionuclide Production Cross Section



— 78-Pt-197g  
- - - 78-Pt-197m9

29

Incident Energy (MeV)

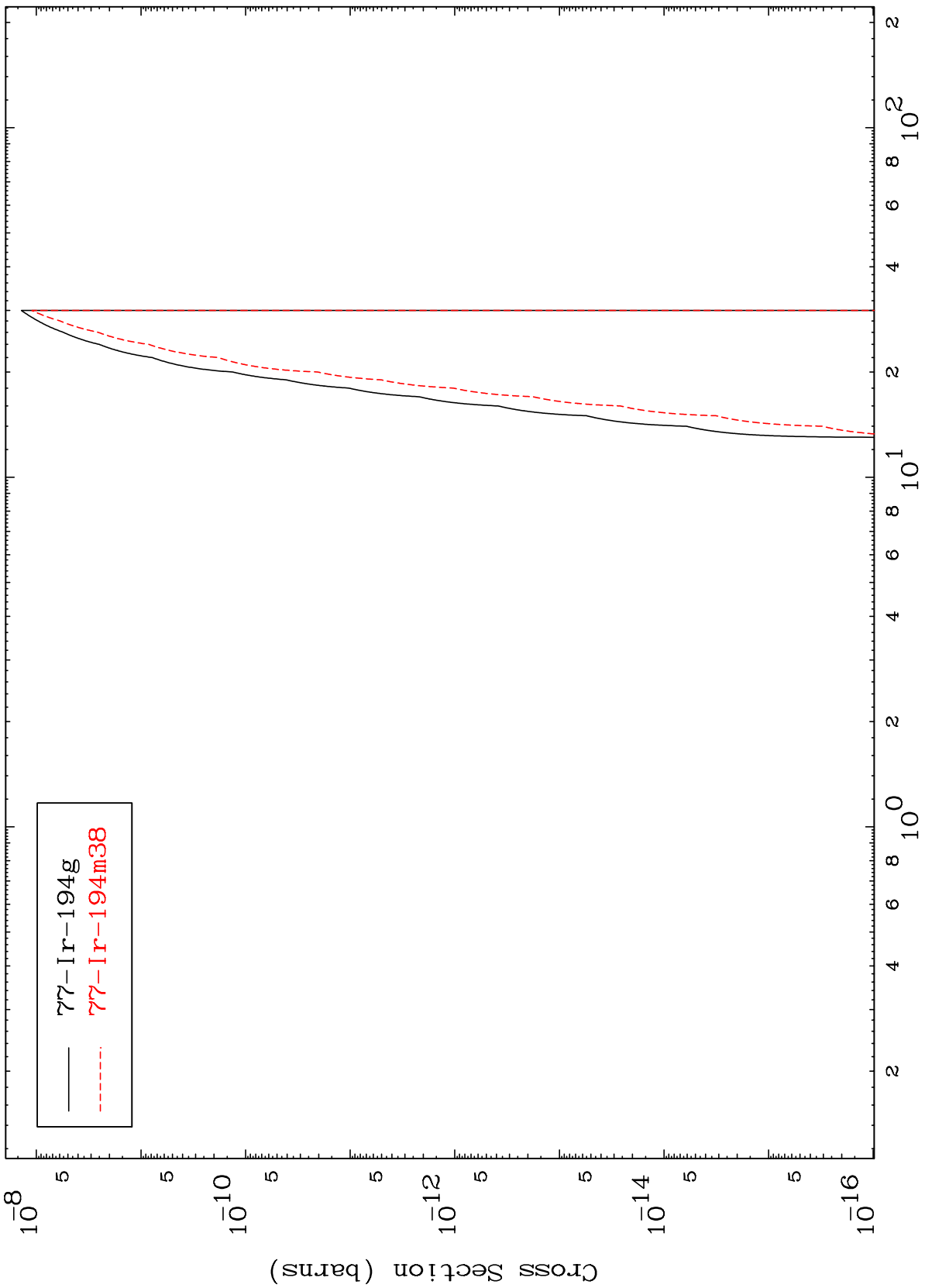
78-Pt-196

MAT 7843

(n,p)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section

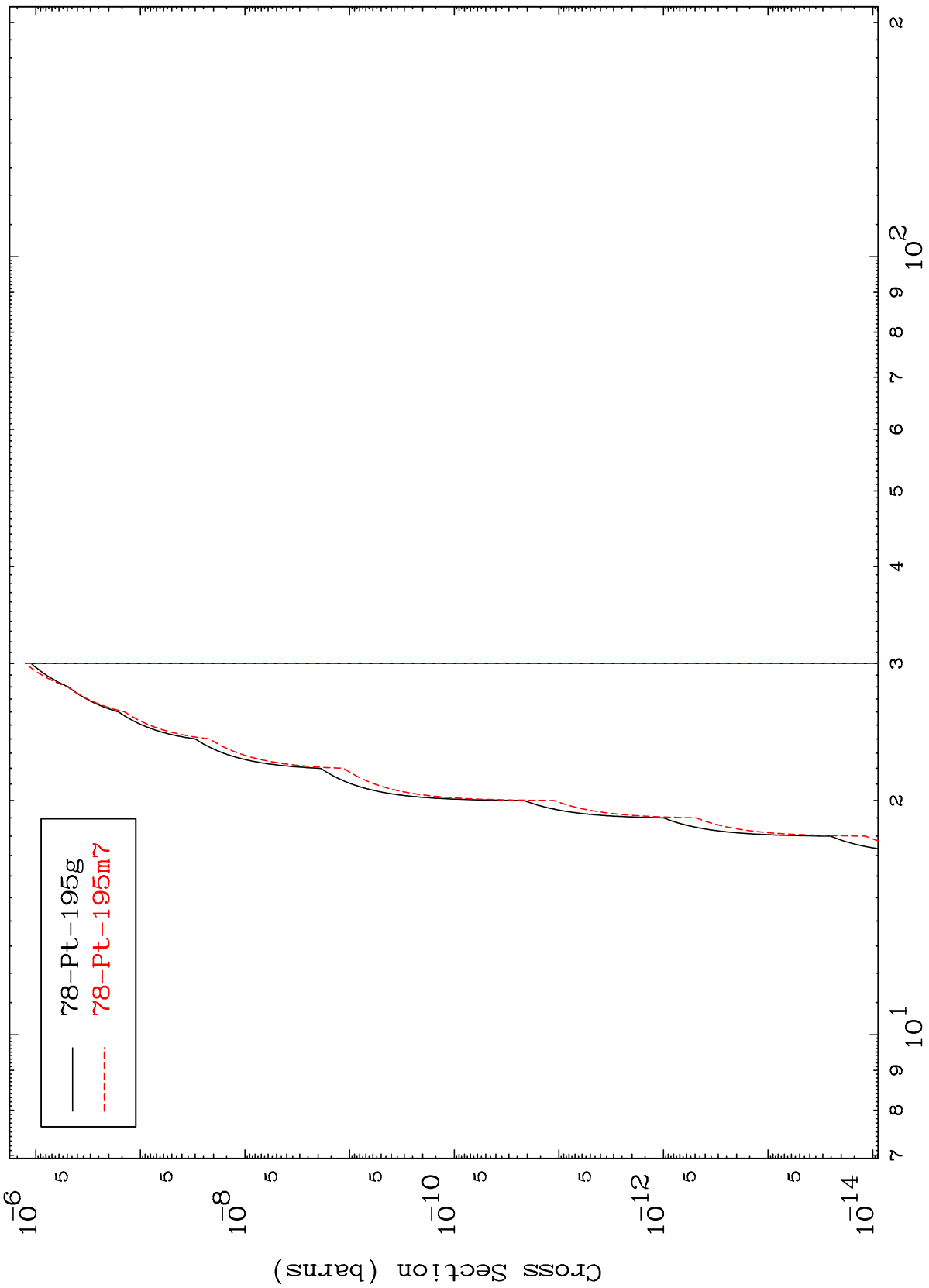


MAT 7843

(n,p) t

78-Pt-196

Radionuclide Production Cross Section



MAT 7843

(n,d)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section

