

Program EVALPLOT  
(Version 2021-1)

by

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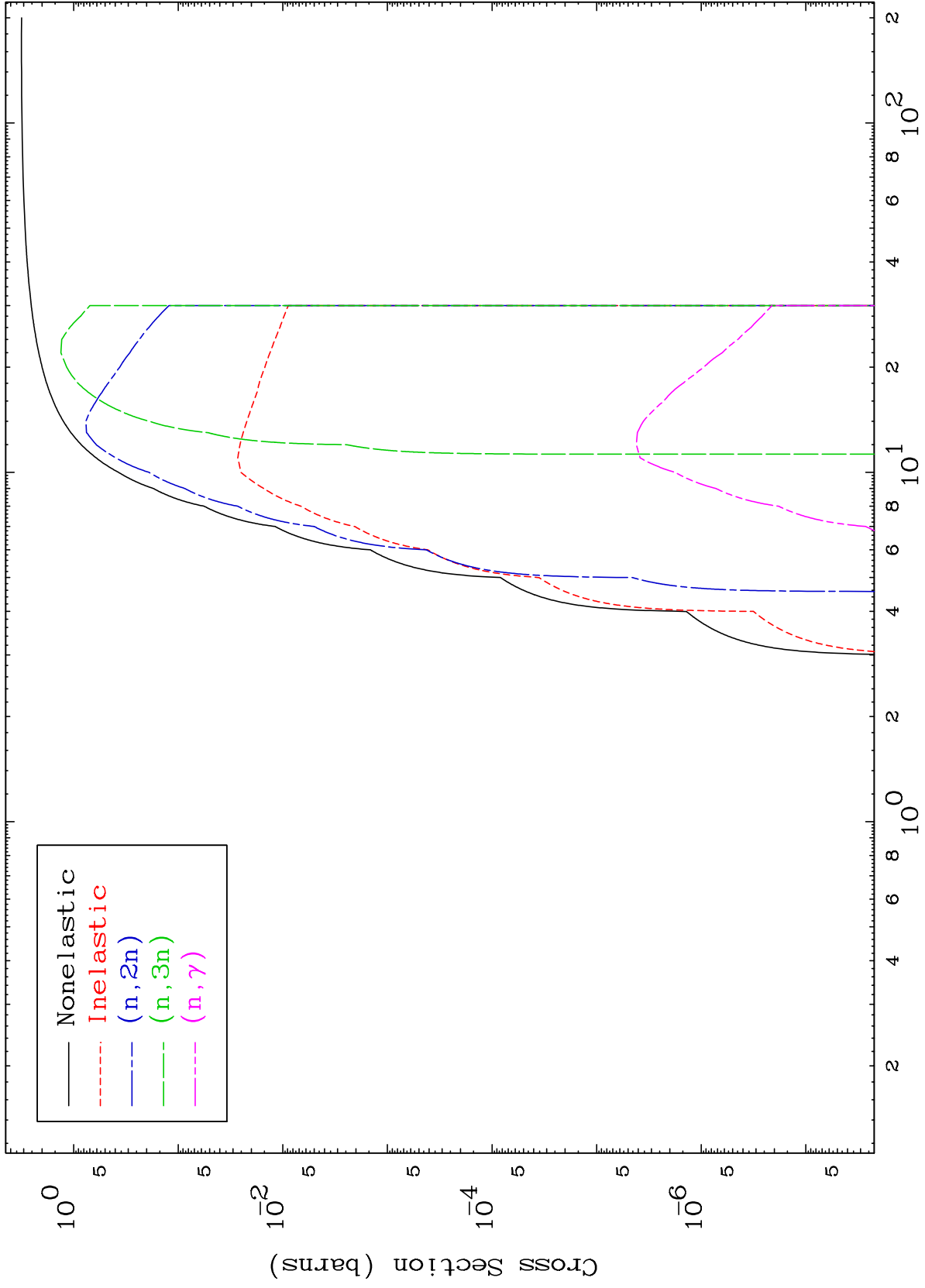
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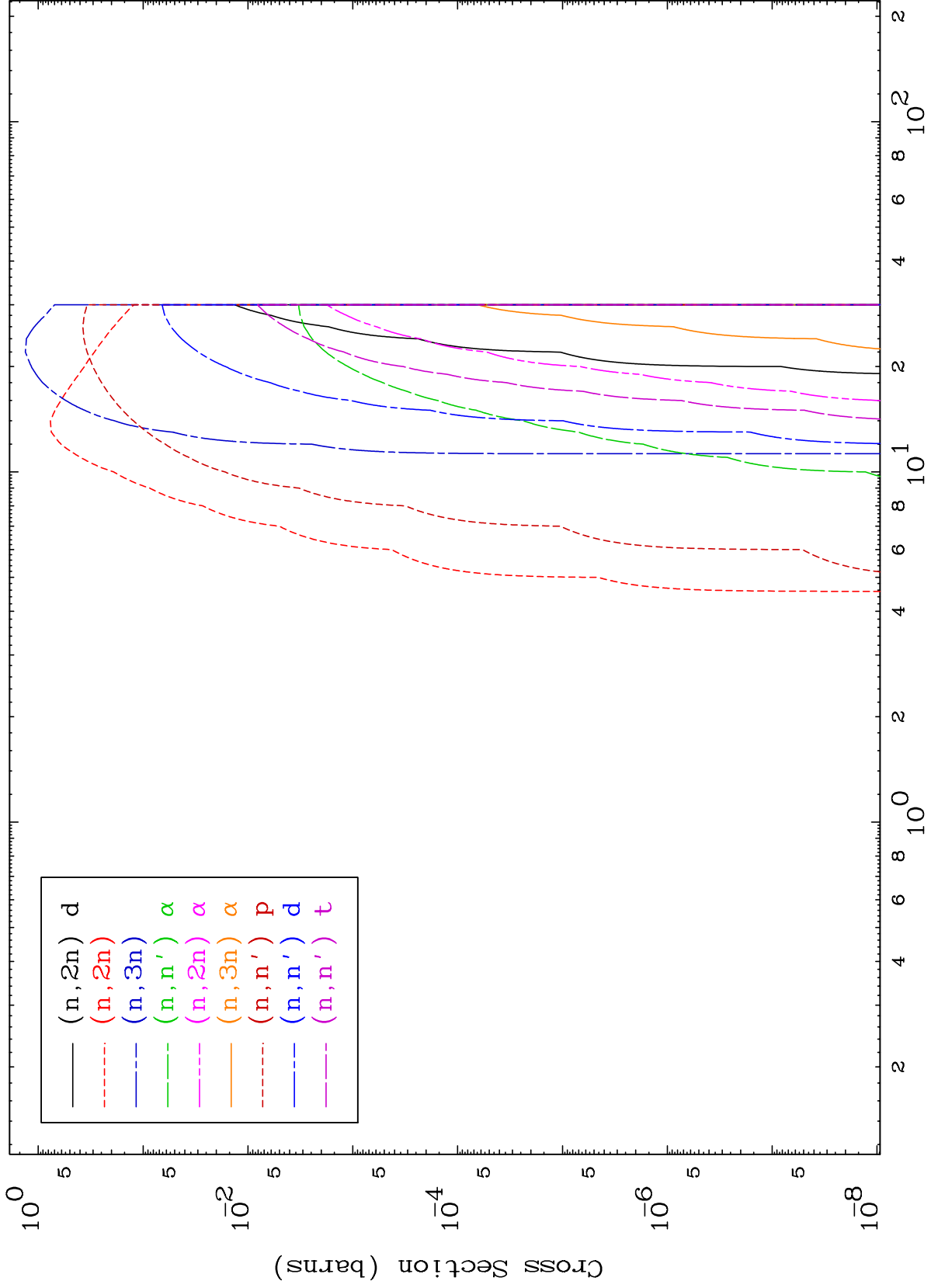
Press Mouse Button to Start

MAT 7843

Deuteron Major  
0 Kelvin Cross Sections

78-Pt-196

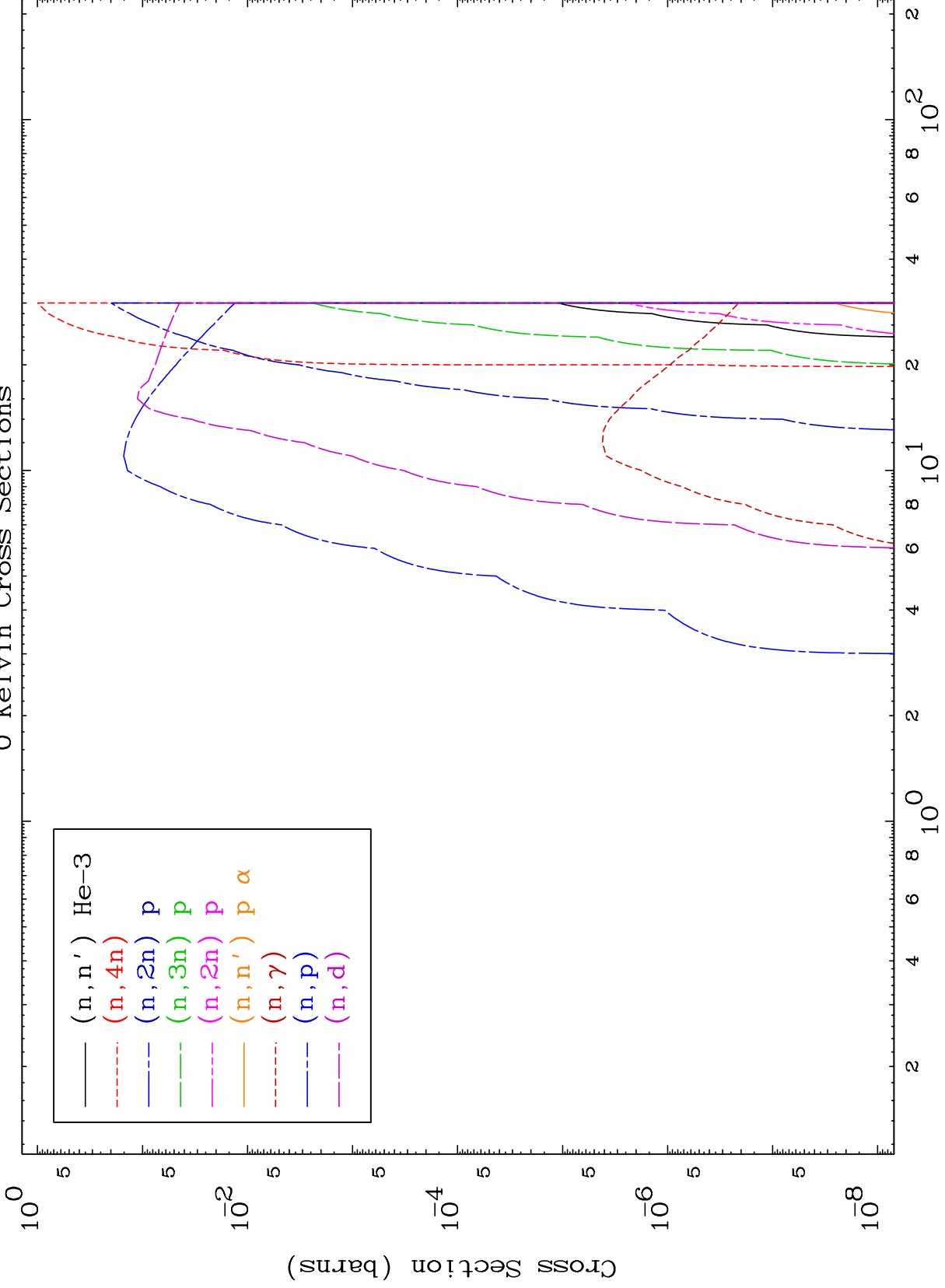




MAT 7843

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

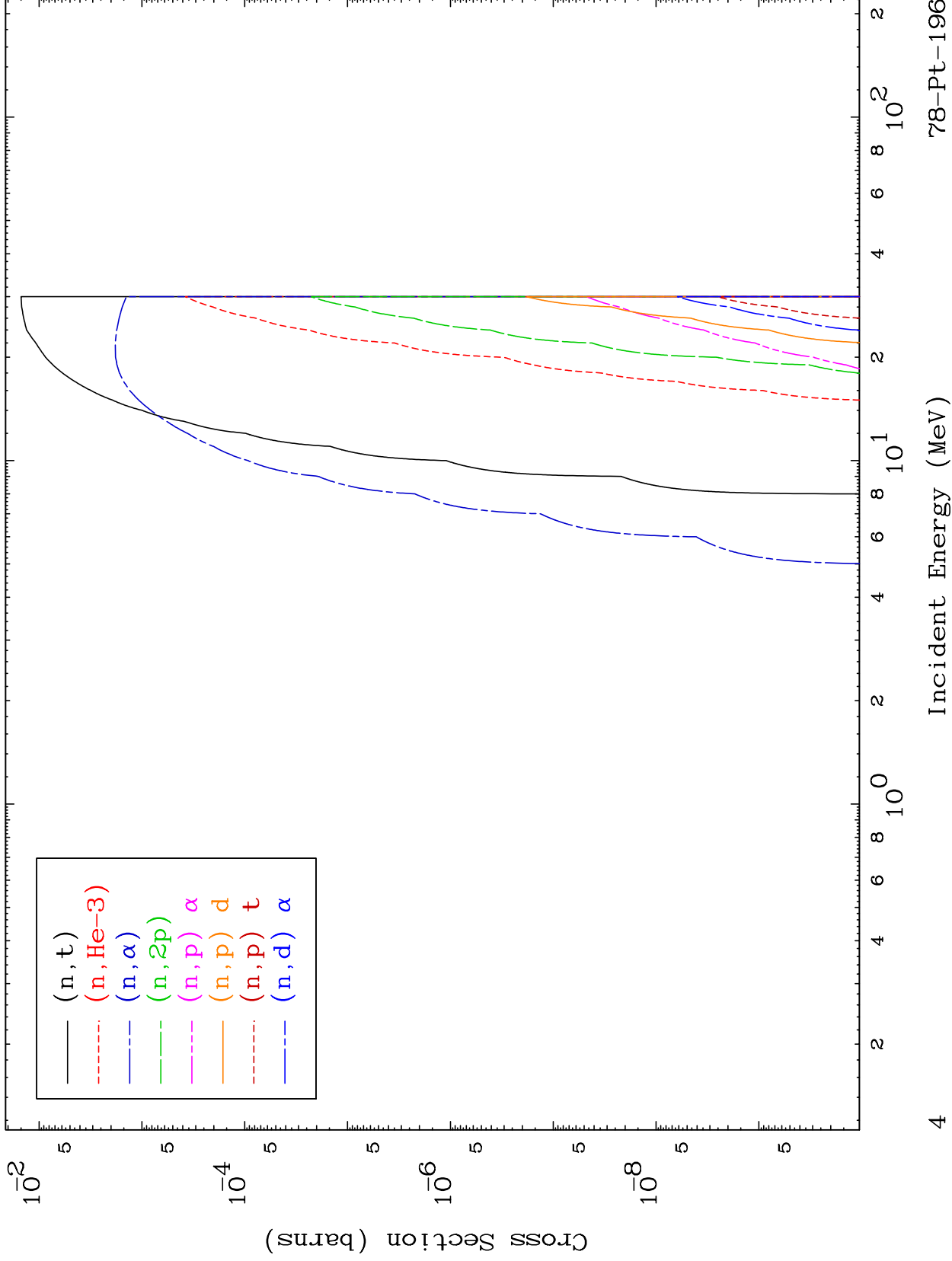
78-Pt-196

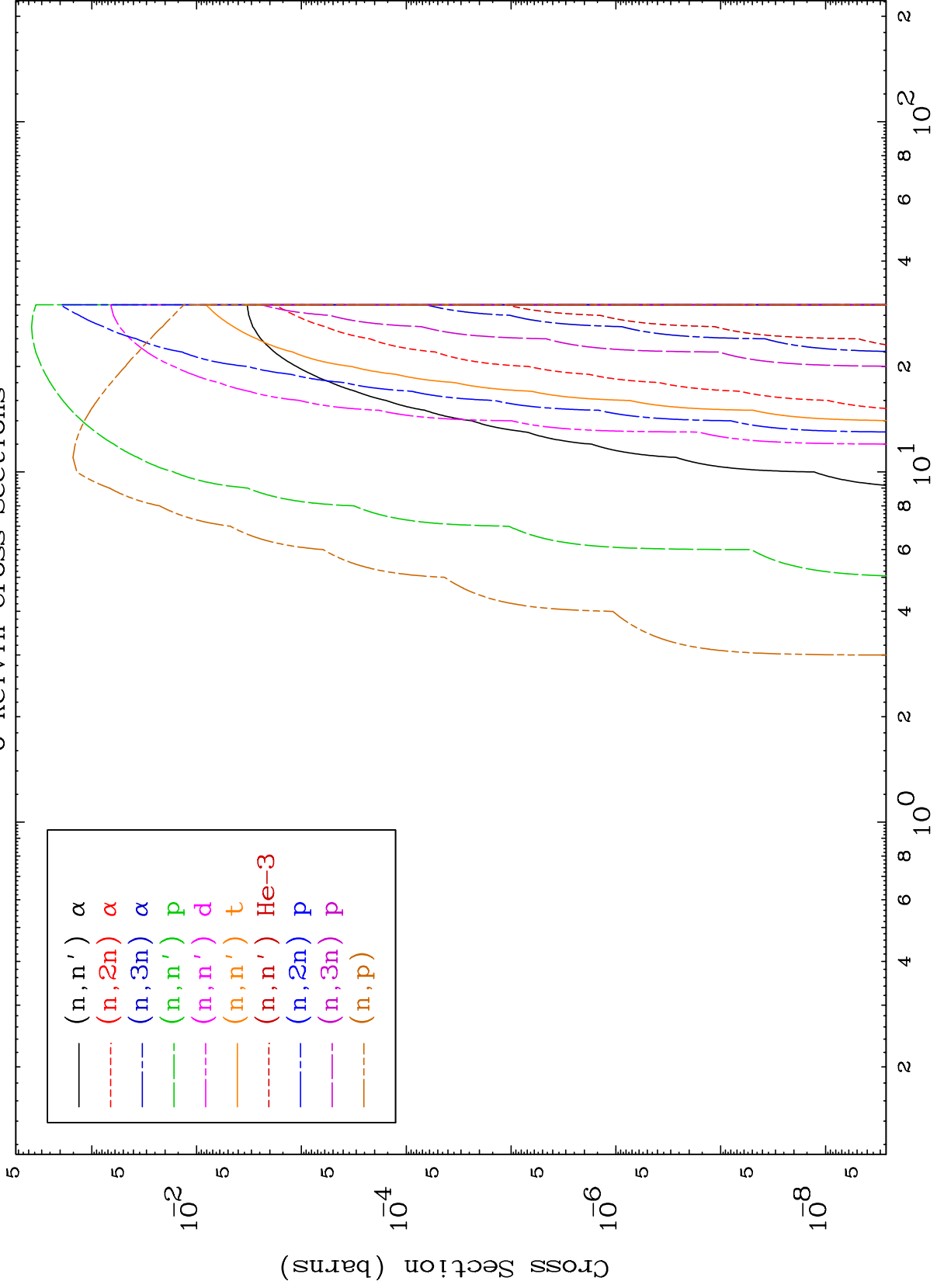


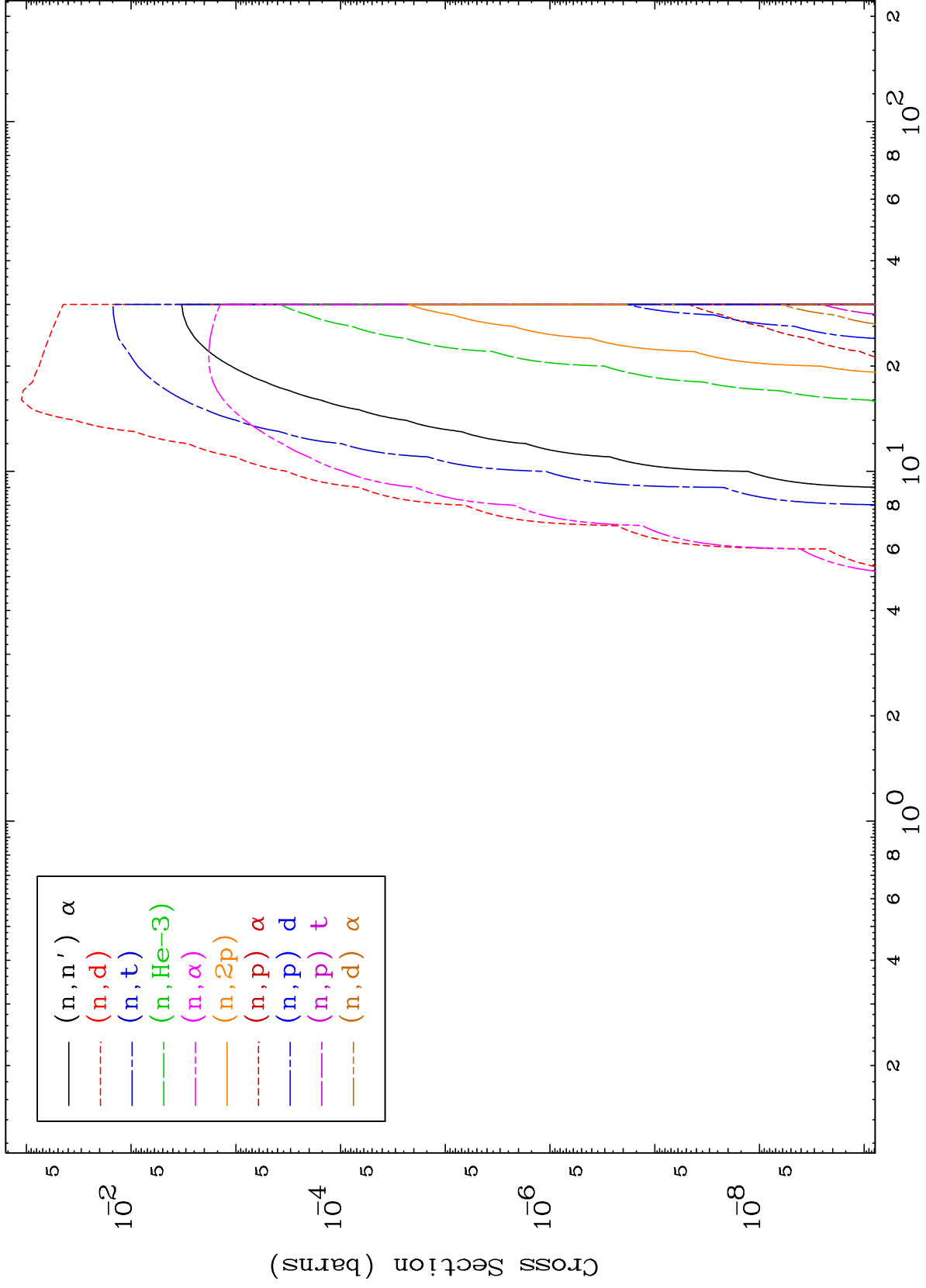
MAT 7843

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

78-Pt-196





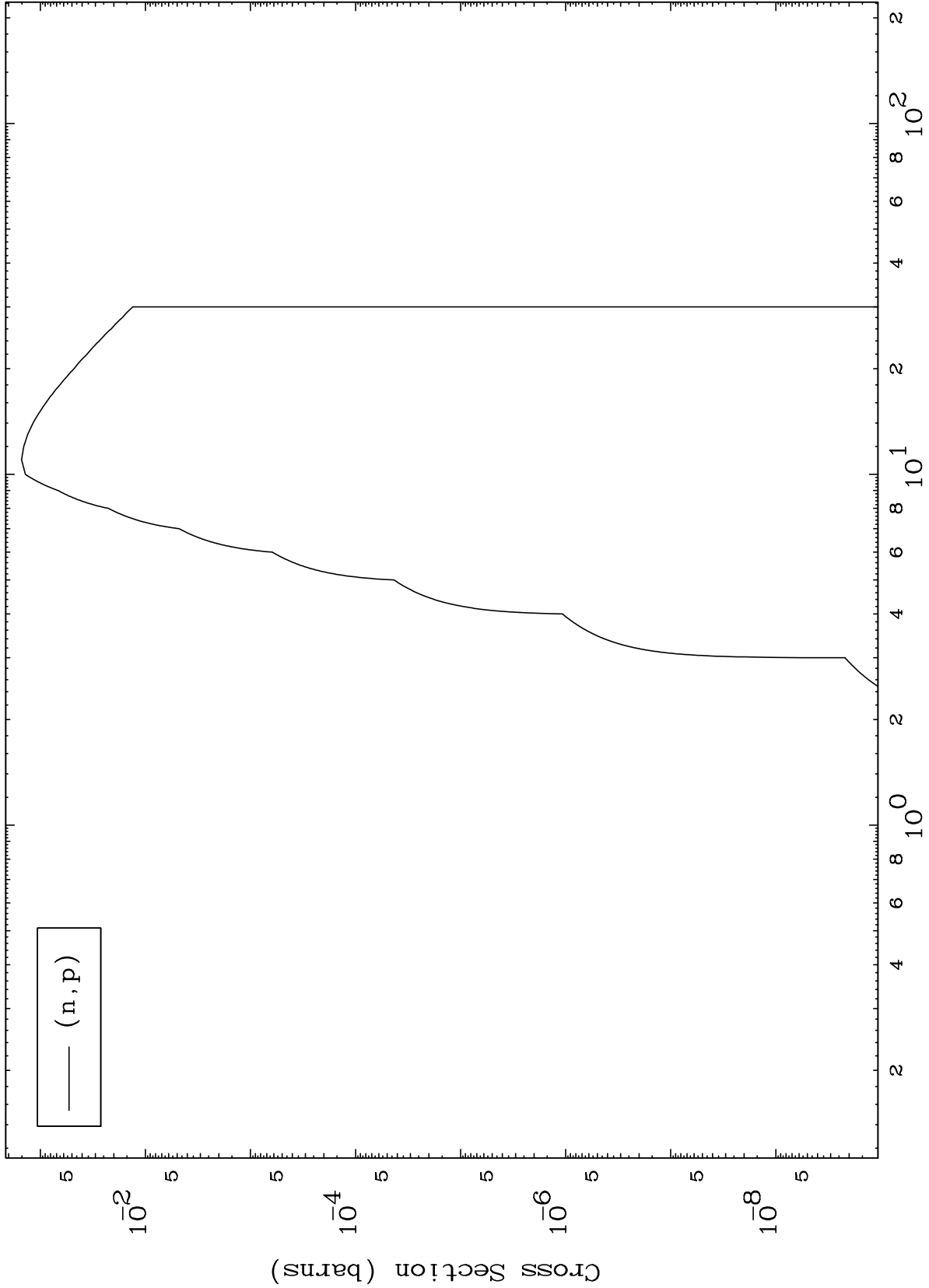


MAT 7843

(d,p) Levels

78-Pt-196

0 Kelvin Cross Sections



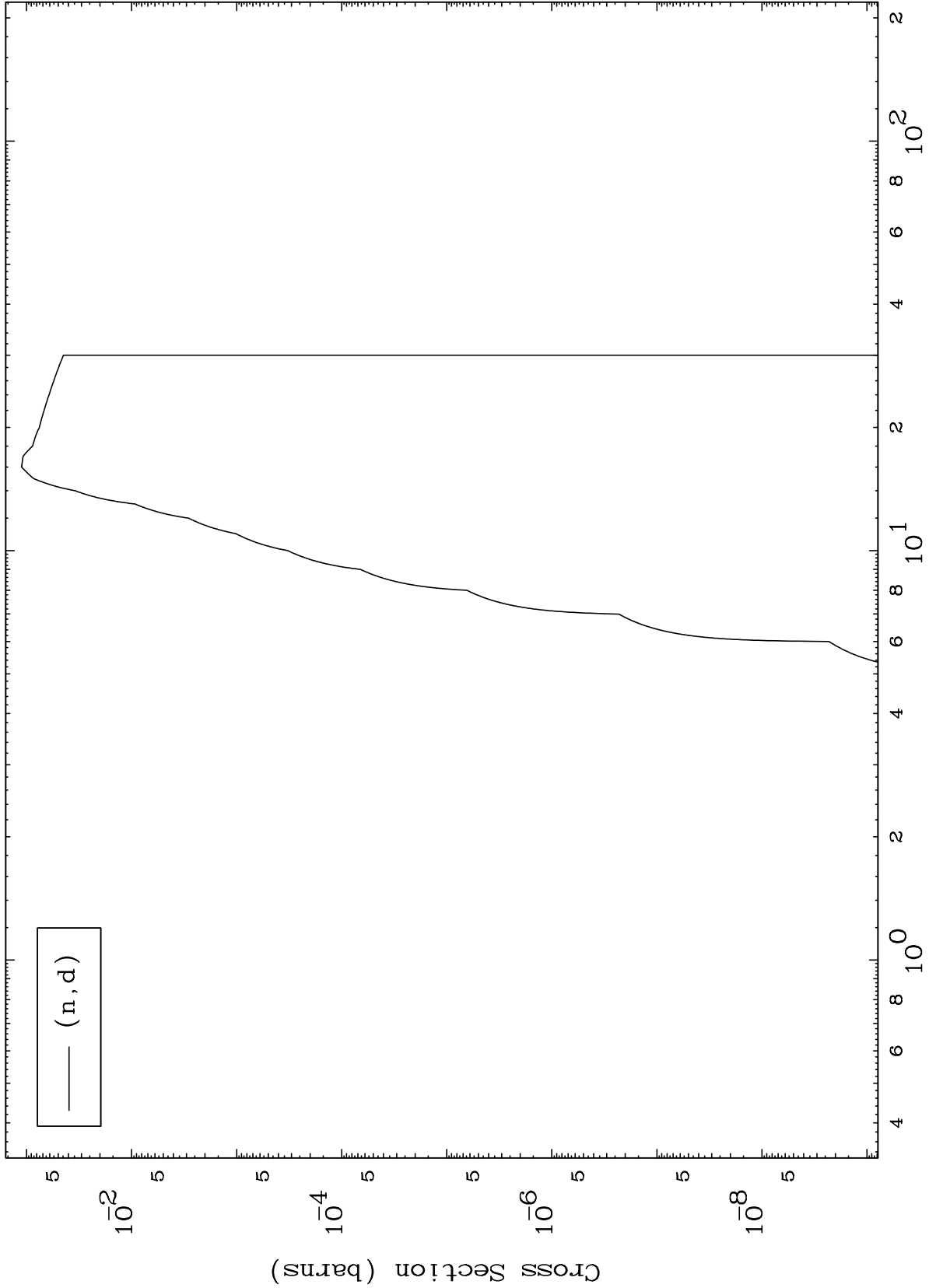


MAT 7843

(d,d) Levels

78-Pt-196

0 Kelvin Cross Sections



8

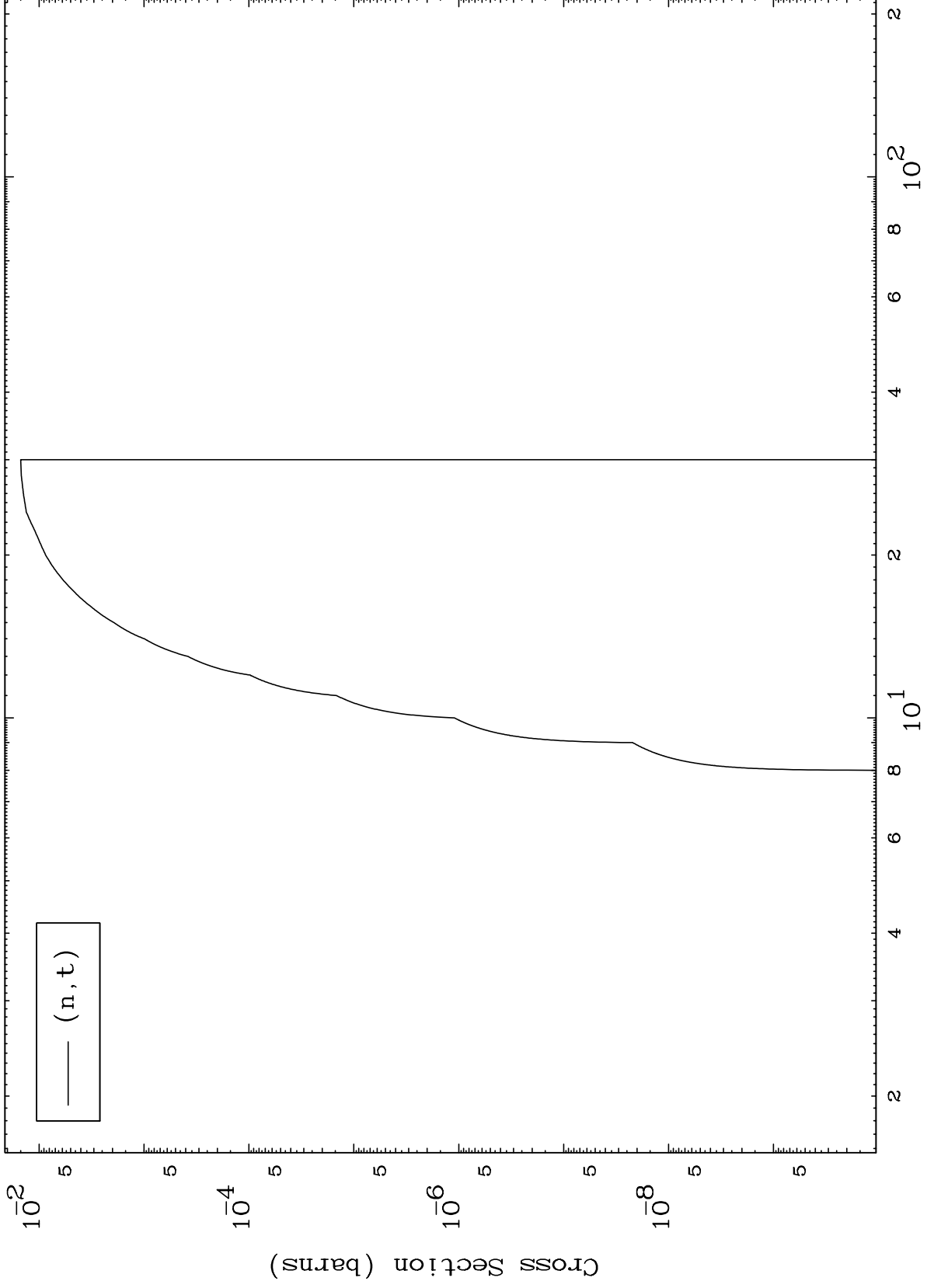
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,t) Levels  
0 Kelvin Cross Sections

78-Pt-196



9

Incident Energy (MeV)

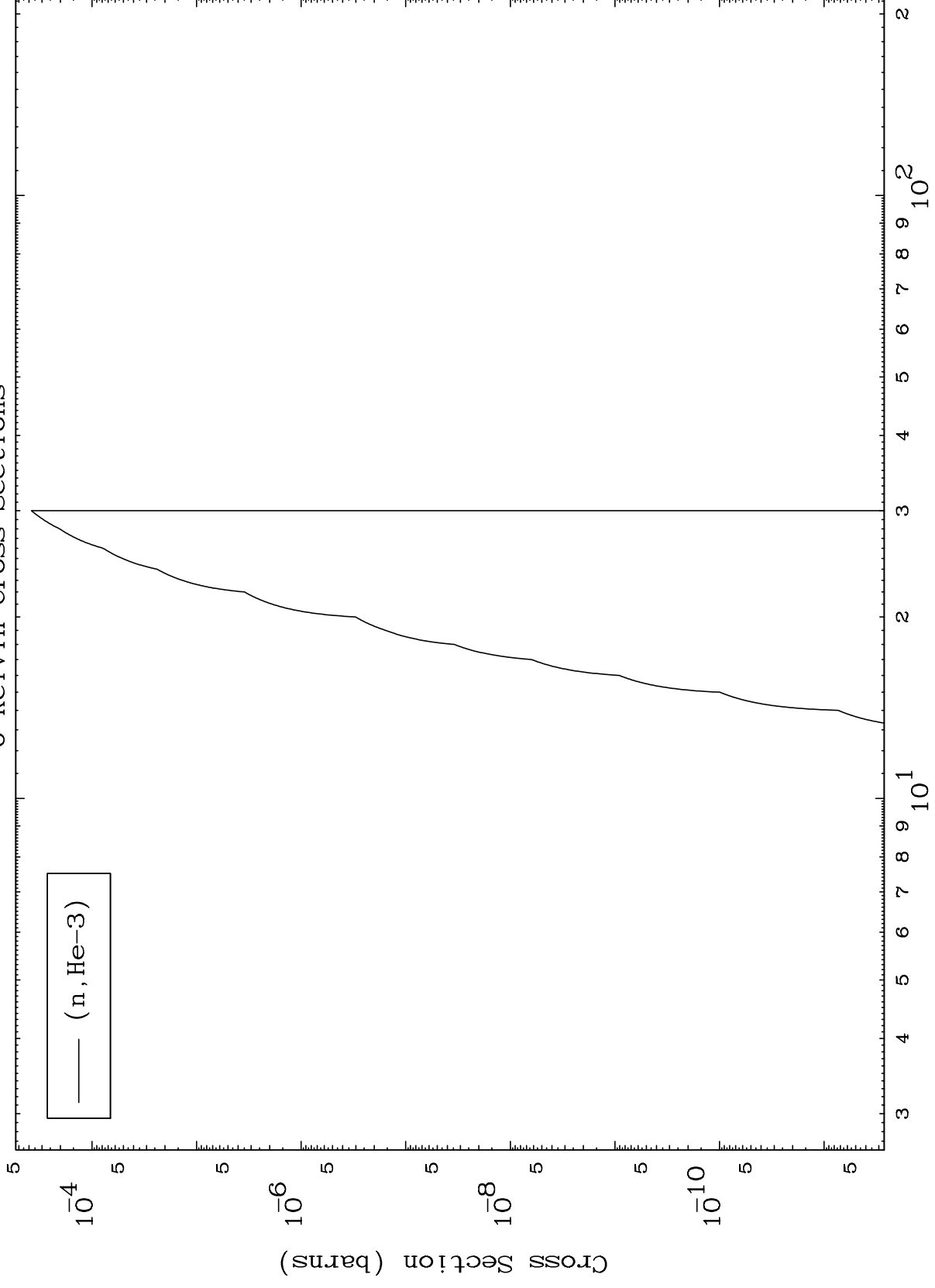
78-Pt-196

MAT 7843

(d,He3) Levels

78-Pt-196

0 Kelvin Cross Sections



10

Incident Energy (MeV)

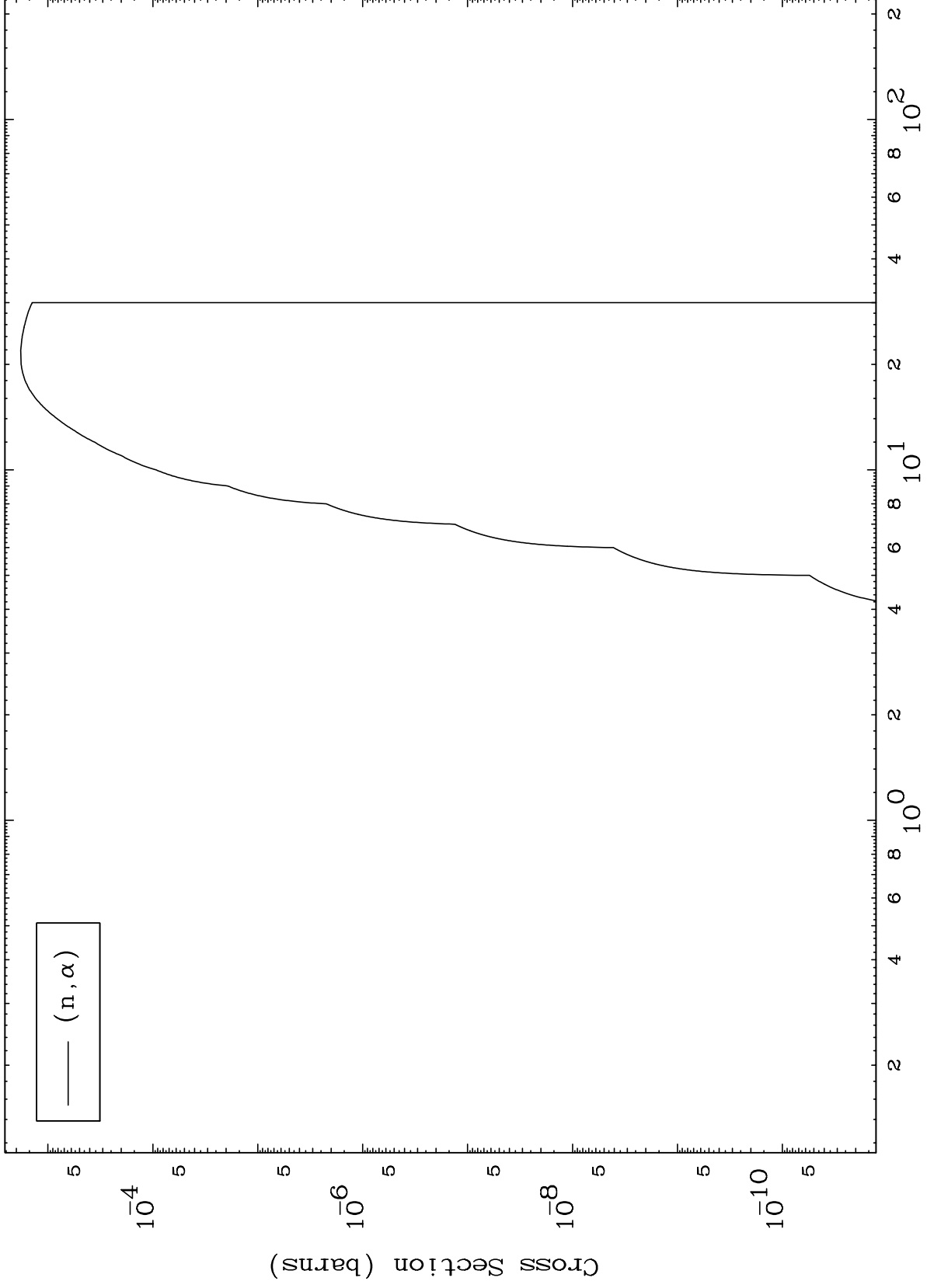
78-Pt-196

MAT 7843

(d,  $\alpha$ ) Levels

78-Pt-196

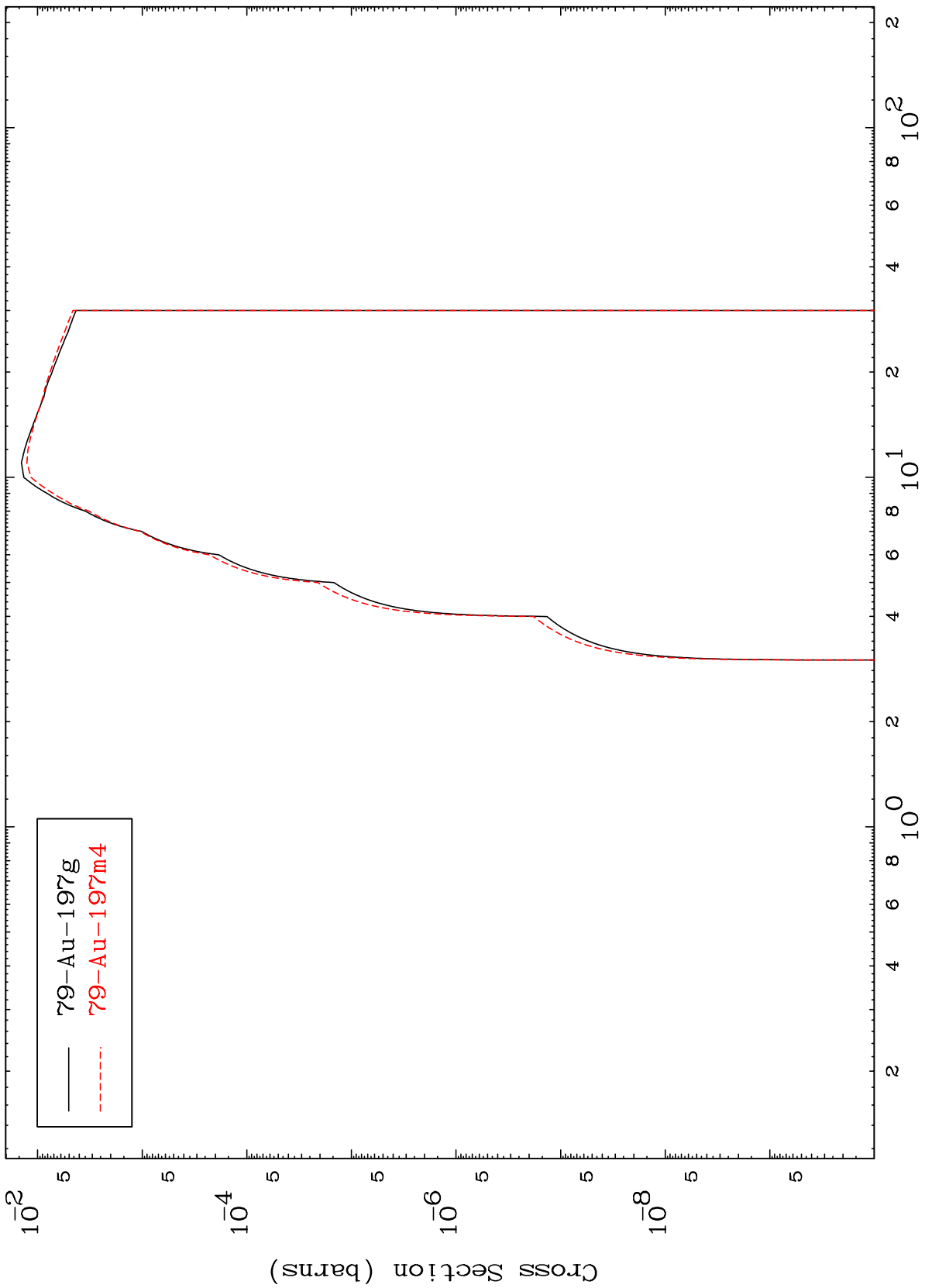
0 Kelvin Cross Sections



MAT 7843

78-Pt-196

Inelastic  
Radionuclide Production Cross Section



78-Pt-196

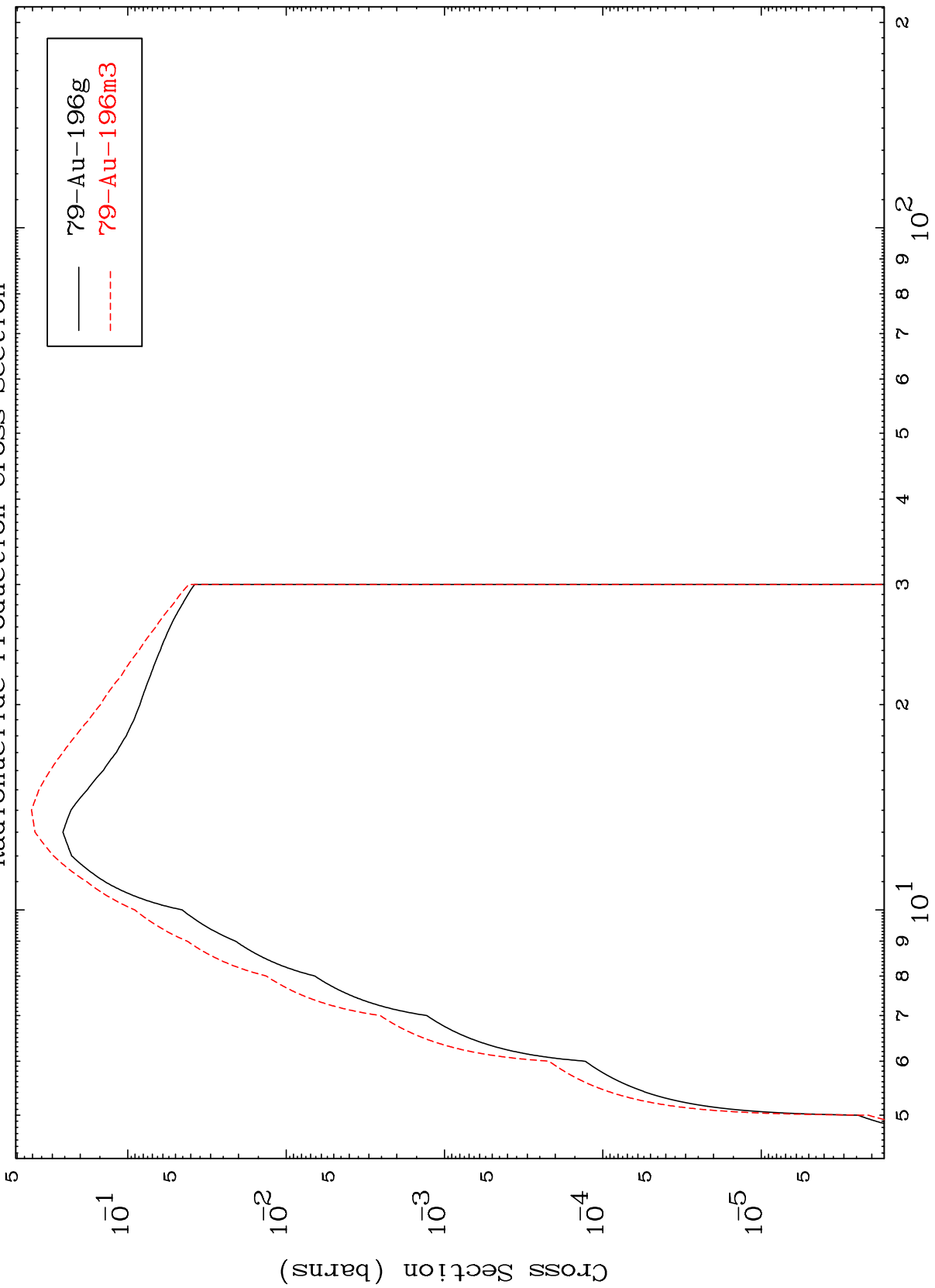
Incident Energy (MeV)

12

MAT 7843

78-Pt-196

(n,2n)  
Radionuclide Production Cross Section



13

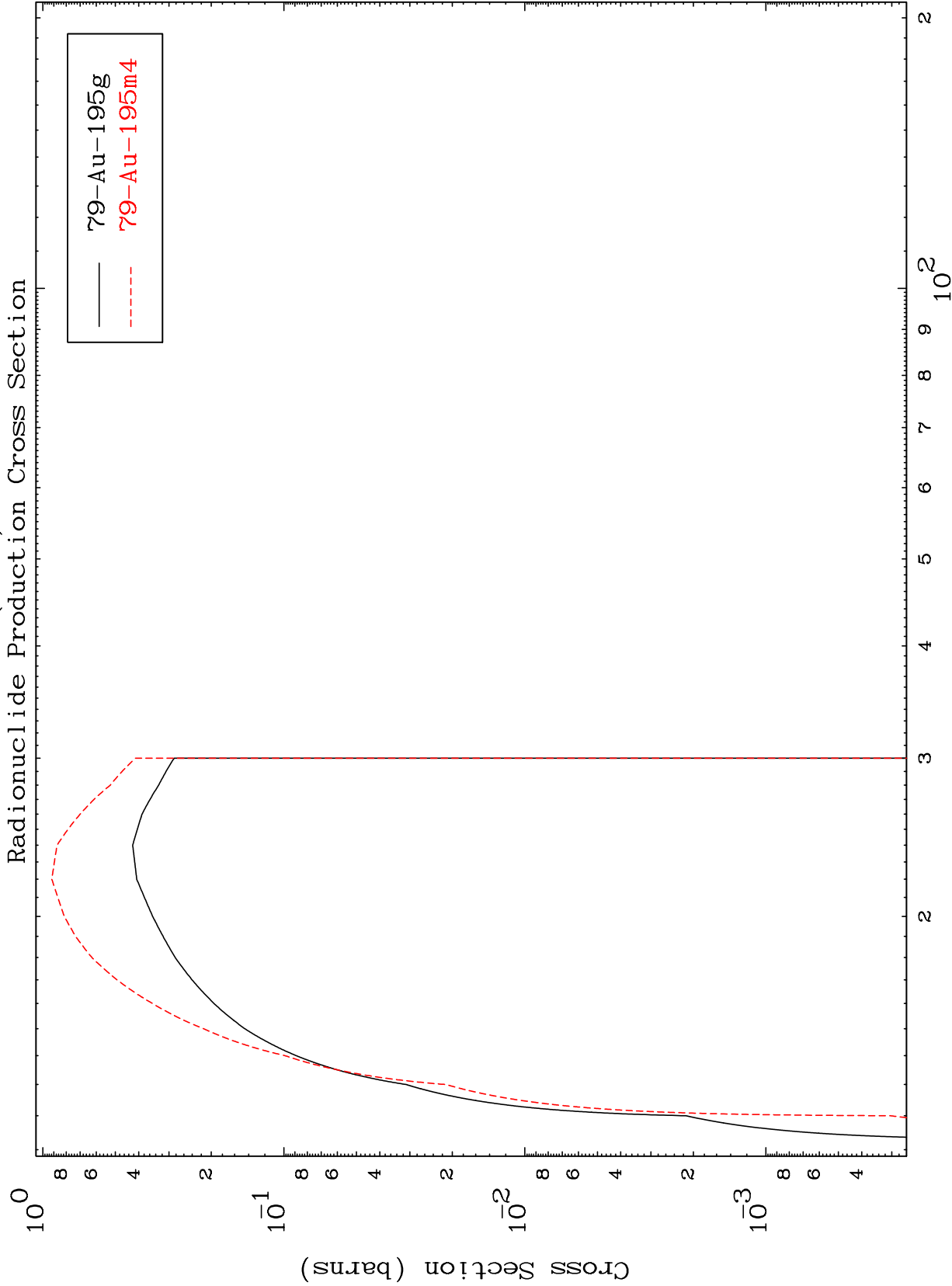
Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,3n)

78-Pt-196



14

Incident Energy (MeV)

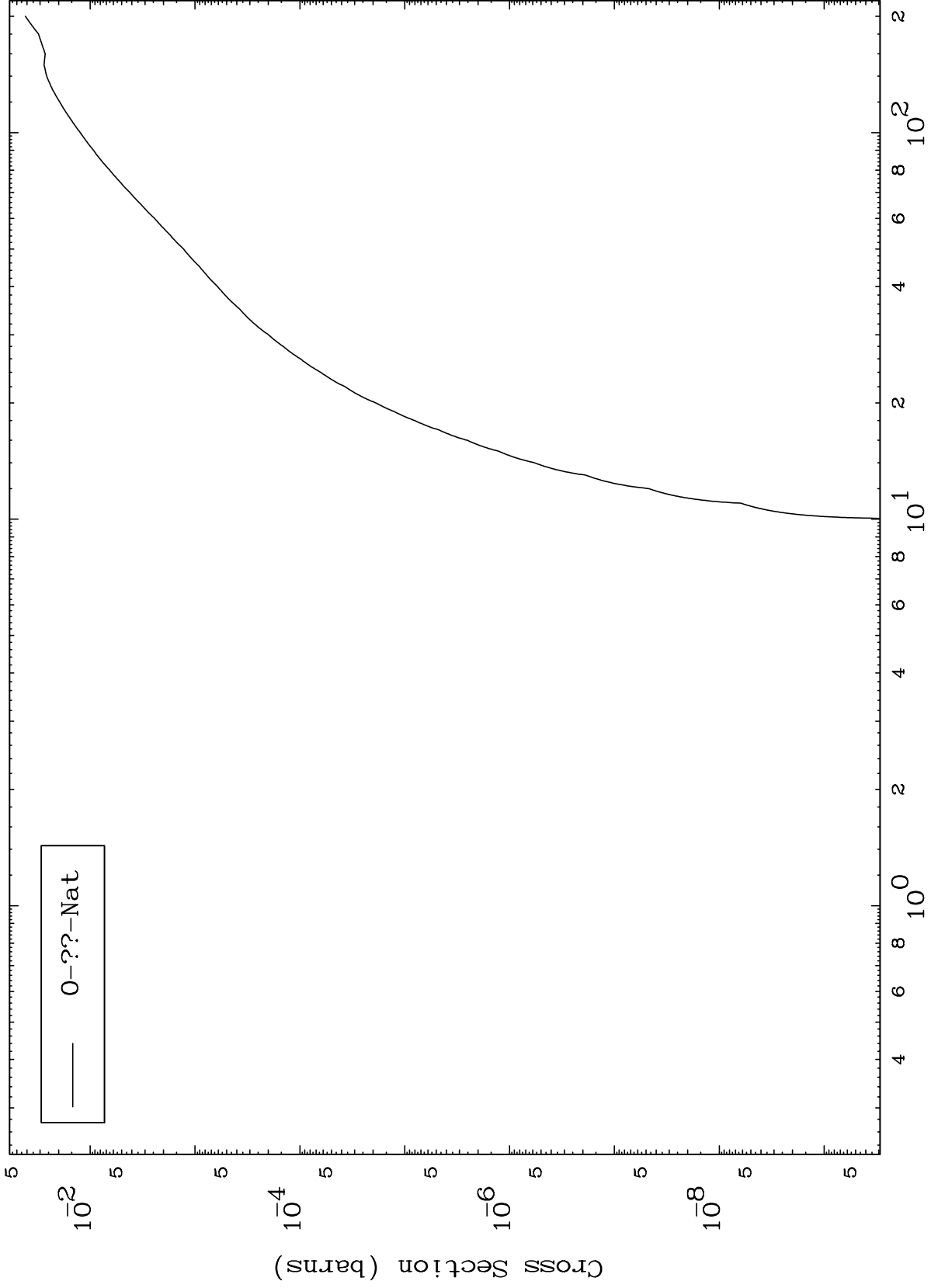
78-Pt-196

MAT 7843

Fission

78-Pt-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

78-Pt-196

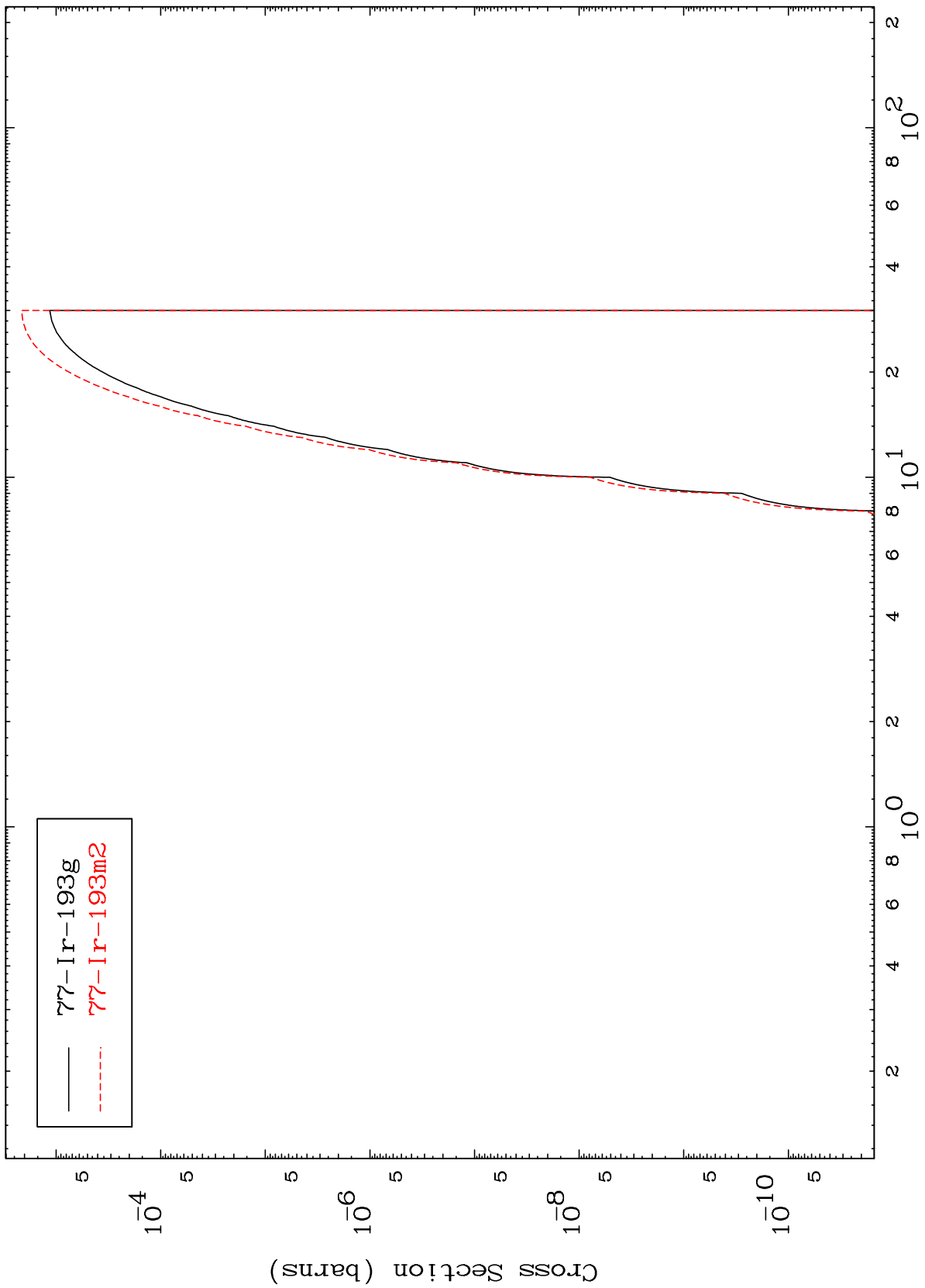


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(n,n')  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

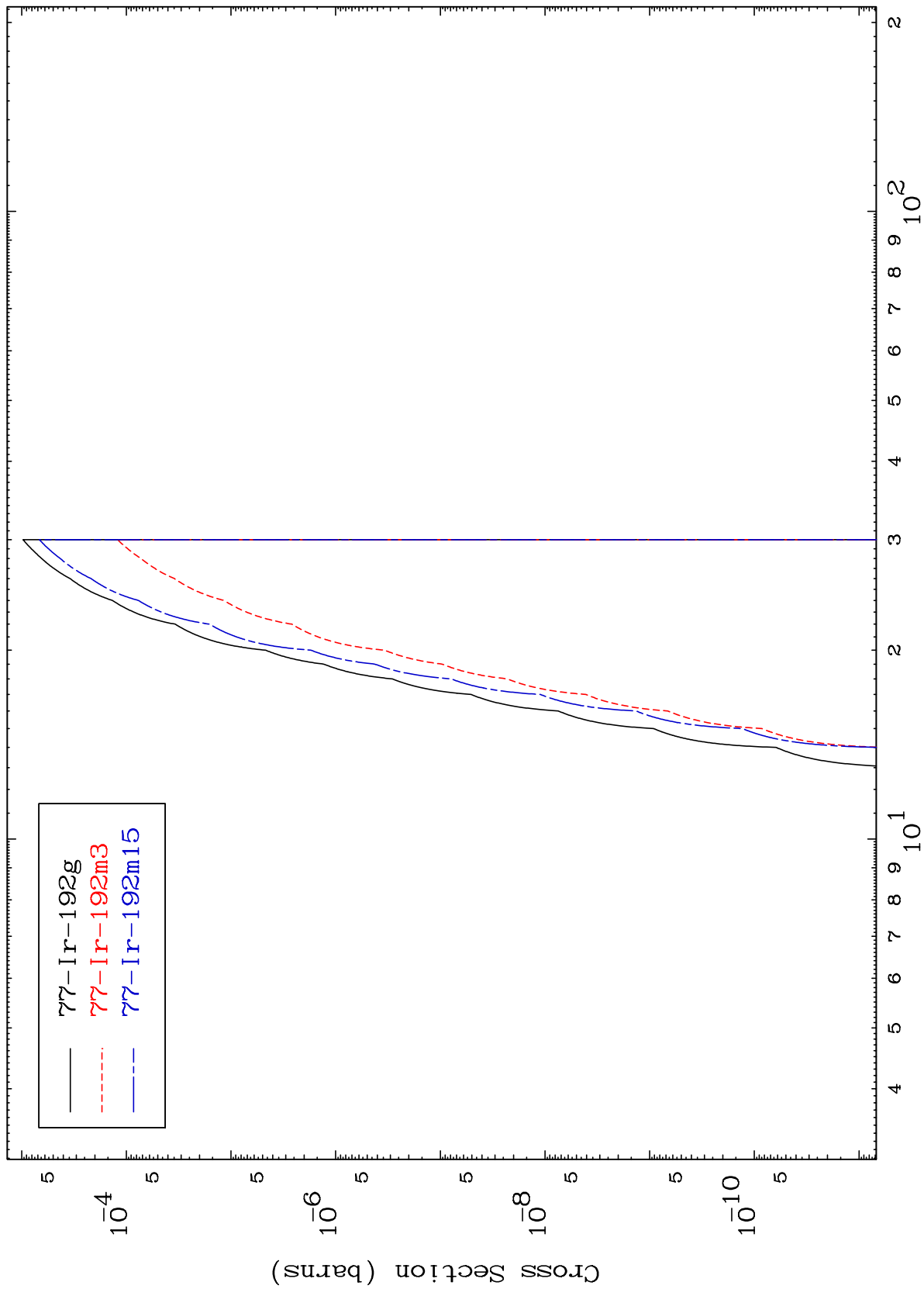
78-Pt-196

MAT 7843

(n,2n)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

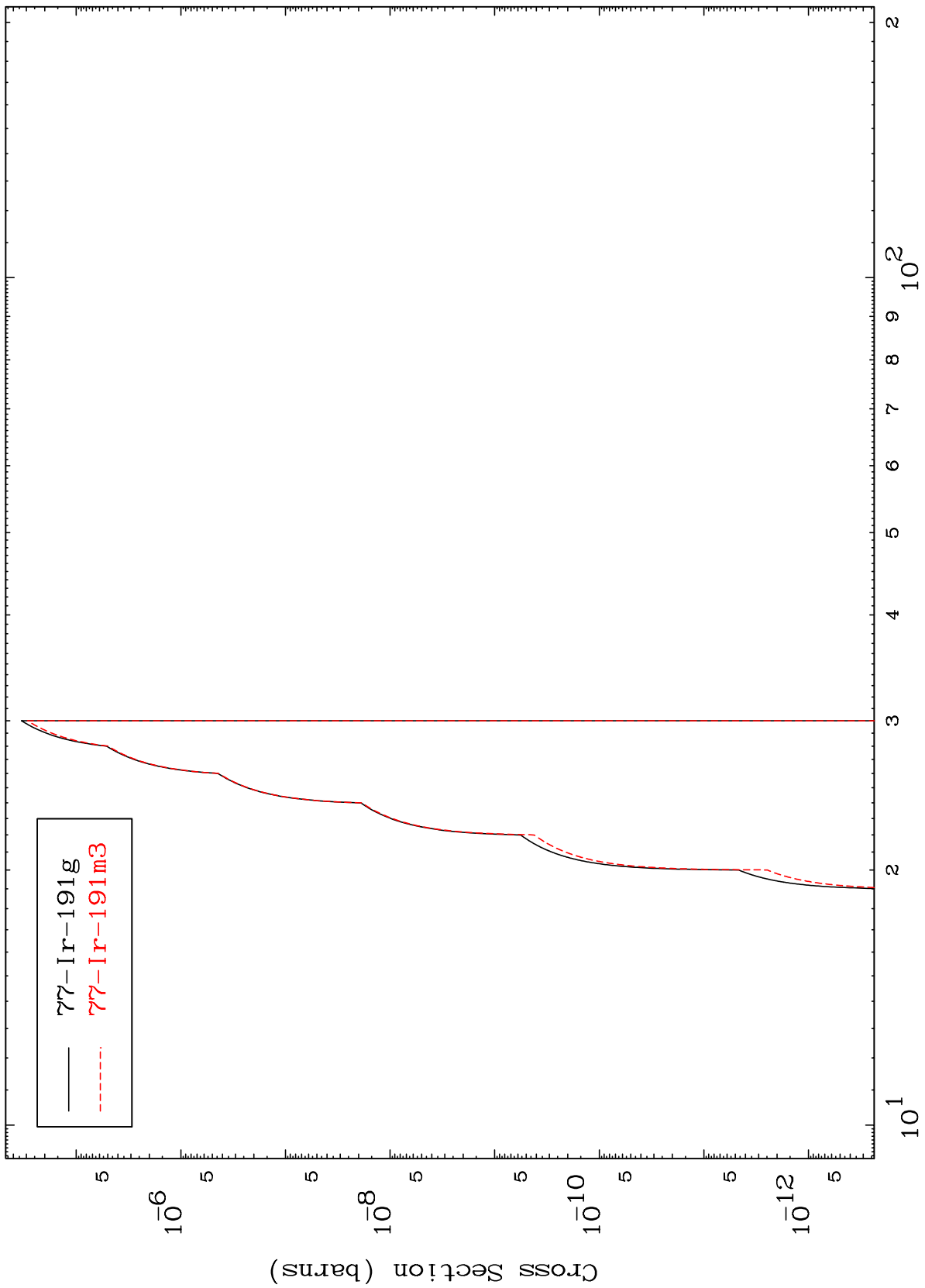
78-Pt-196

MAT 7843

(n,3n)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

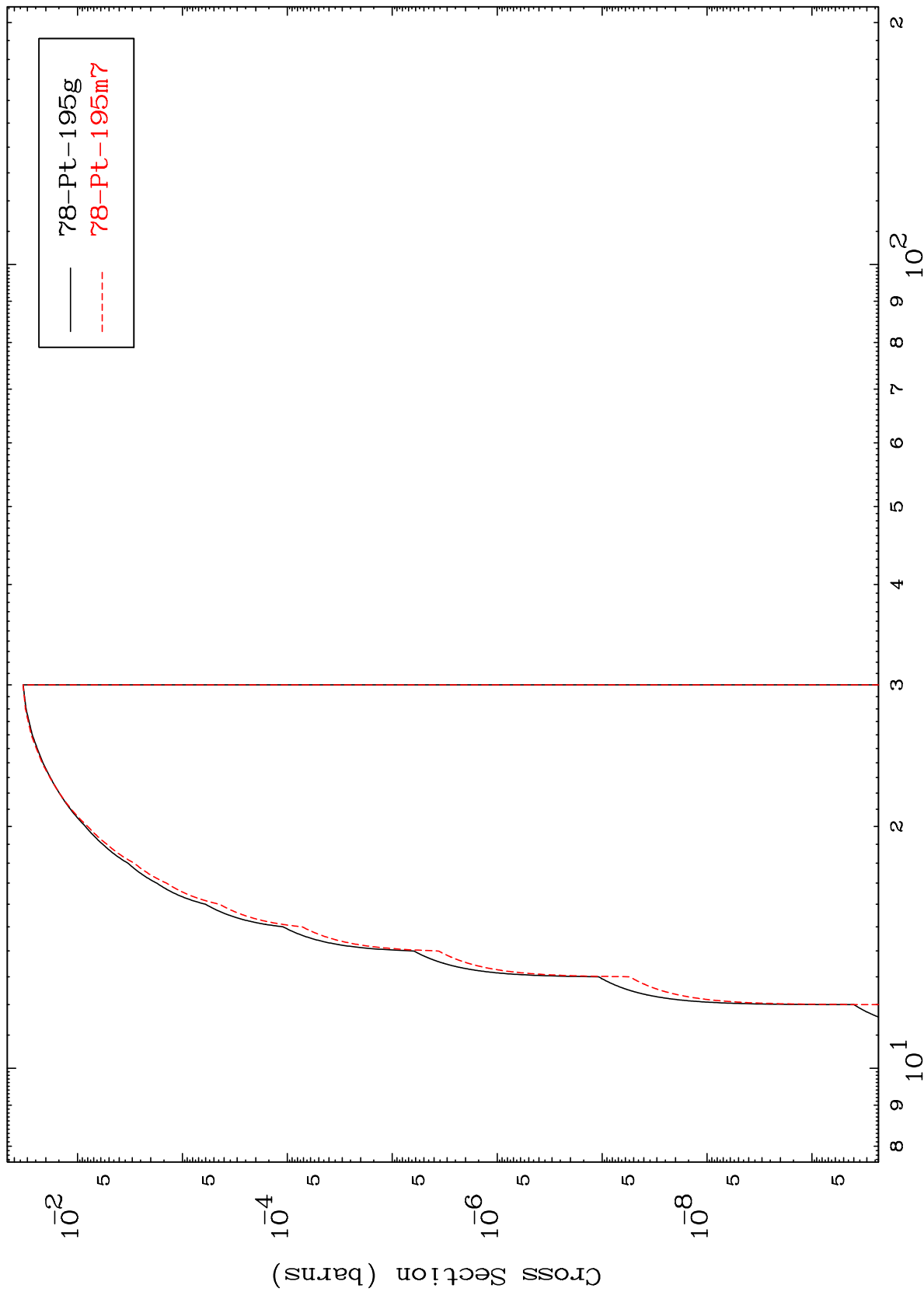
78-Pt-196

MAT 7843

(n,n') d

78-Pt-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

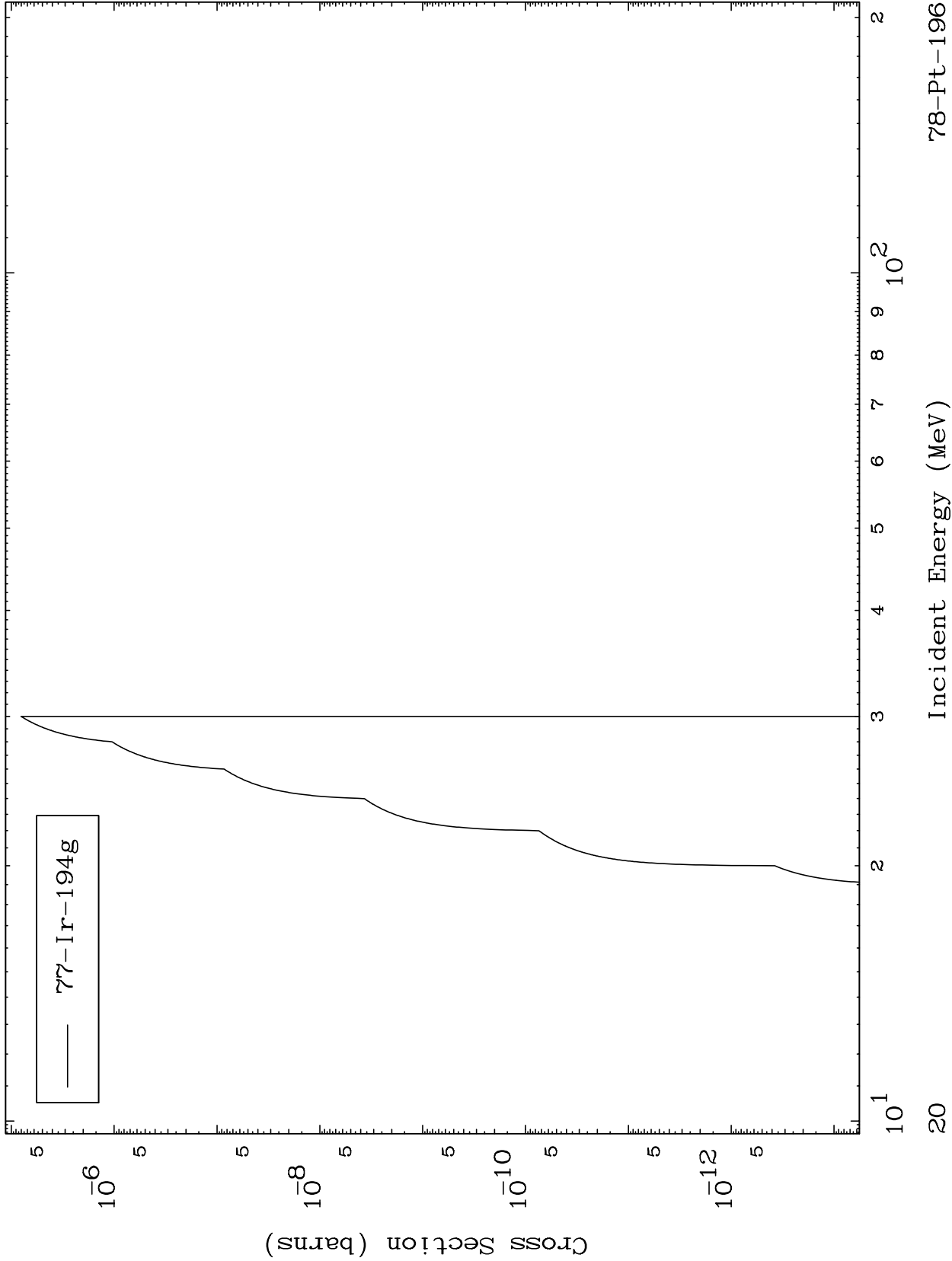
78-Pt-196

MAT 7843

(n,n') He-3

78-Pt-196

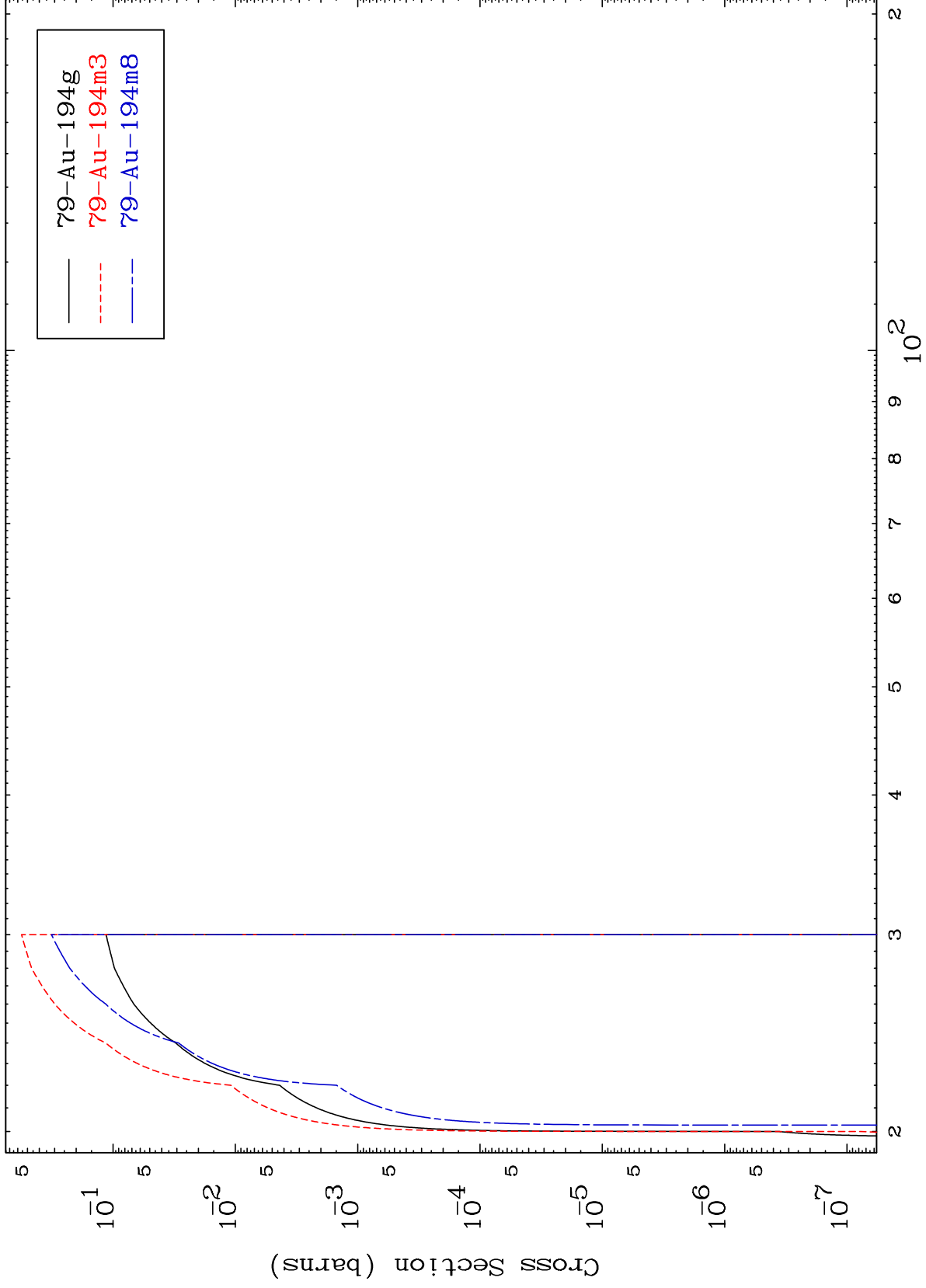
Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-196

Radionuclide Production Cross Section



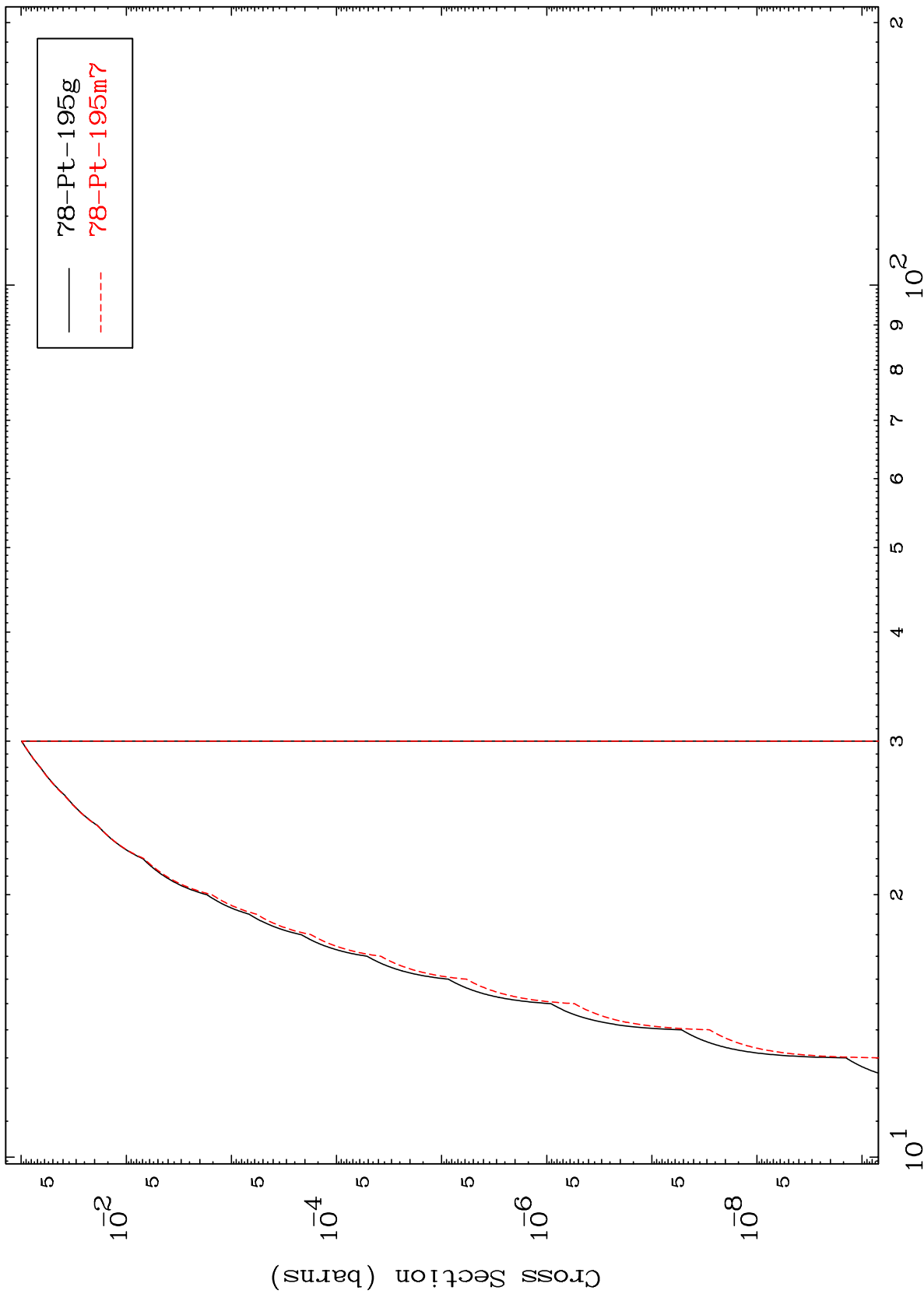
79-Au-194g  
79-Au-194m3  
79-Au-194m8

MAT 7843

(n,2n) p

78-Pt-196

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-196

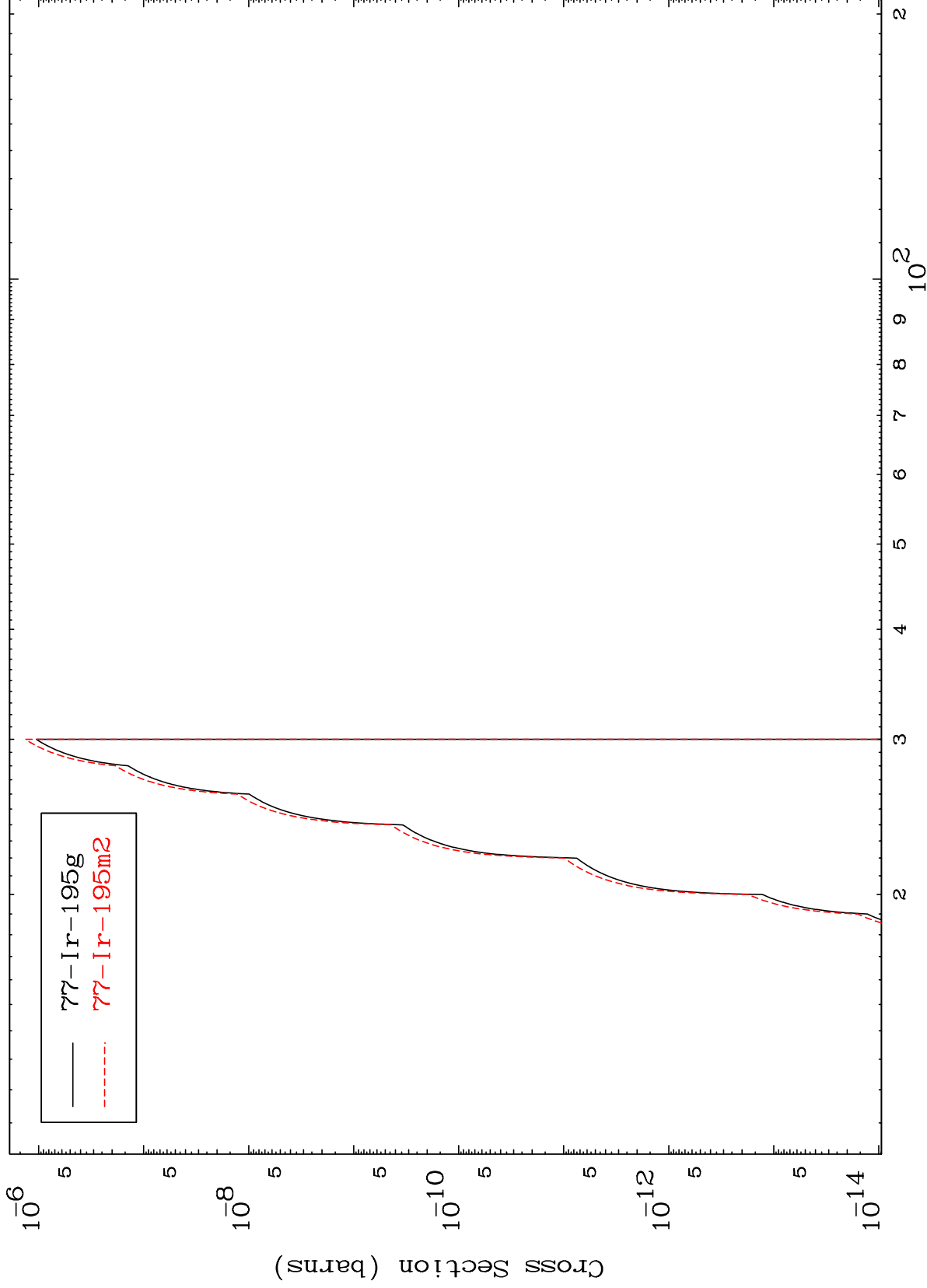
22

MAT 7843

(n,2n) p

78-Pt-196

Radionuclide Production Cross Section



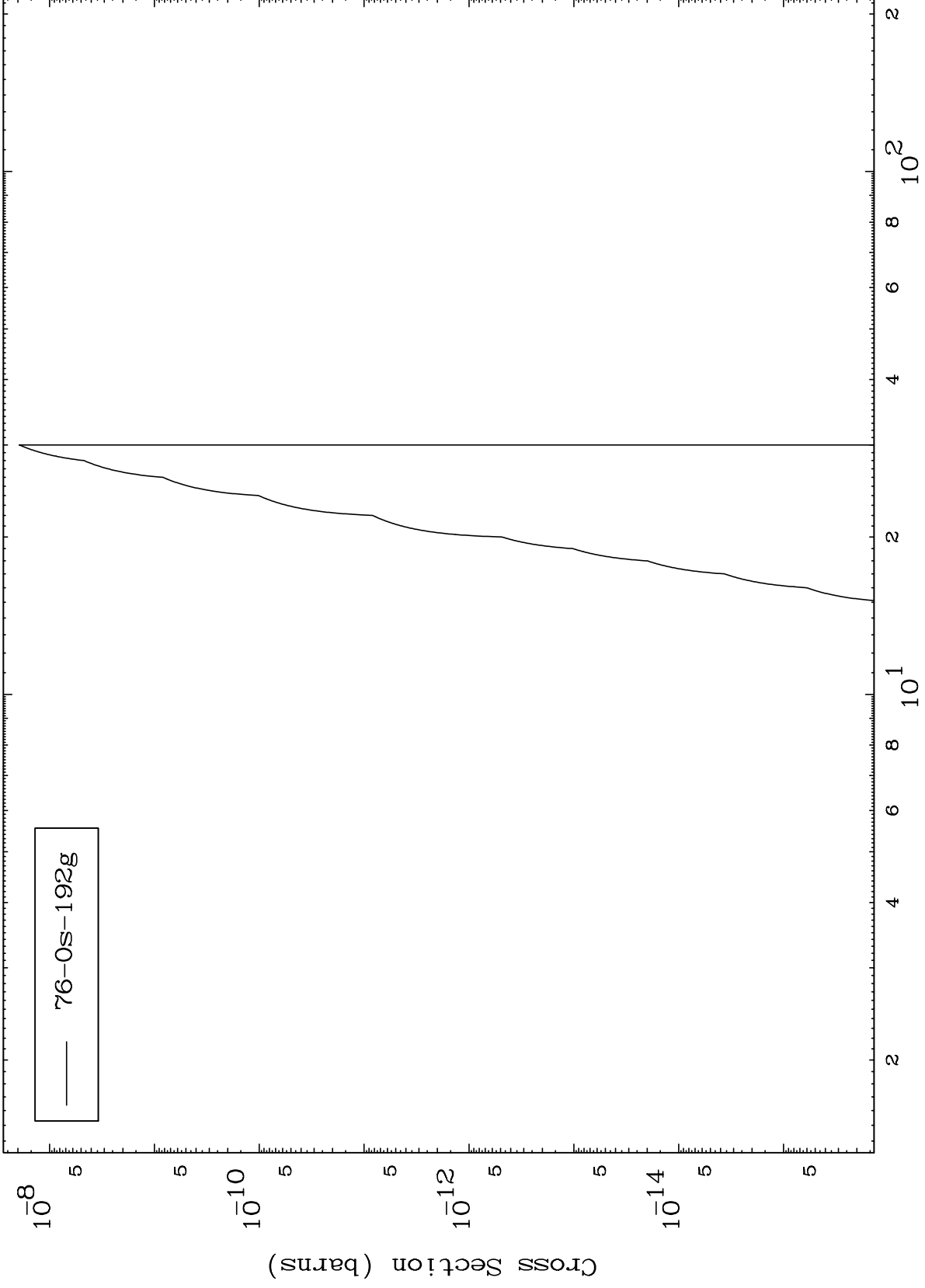


MAT 7843

(n,n') p  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



24

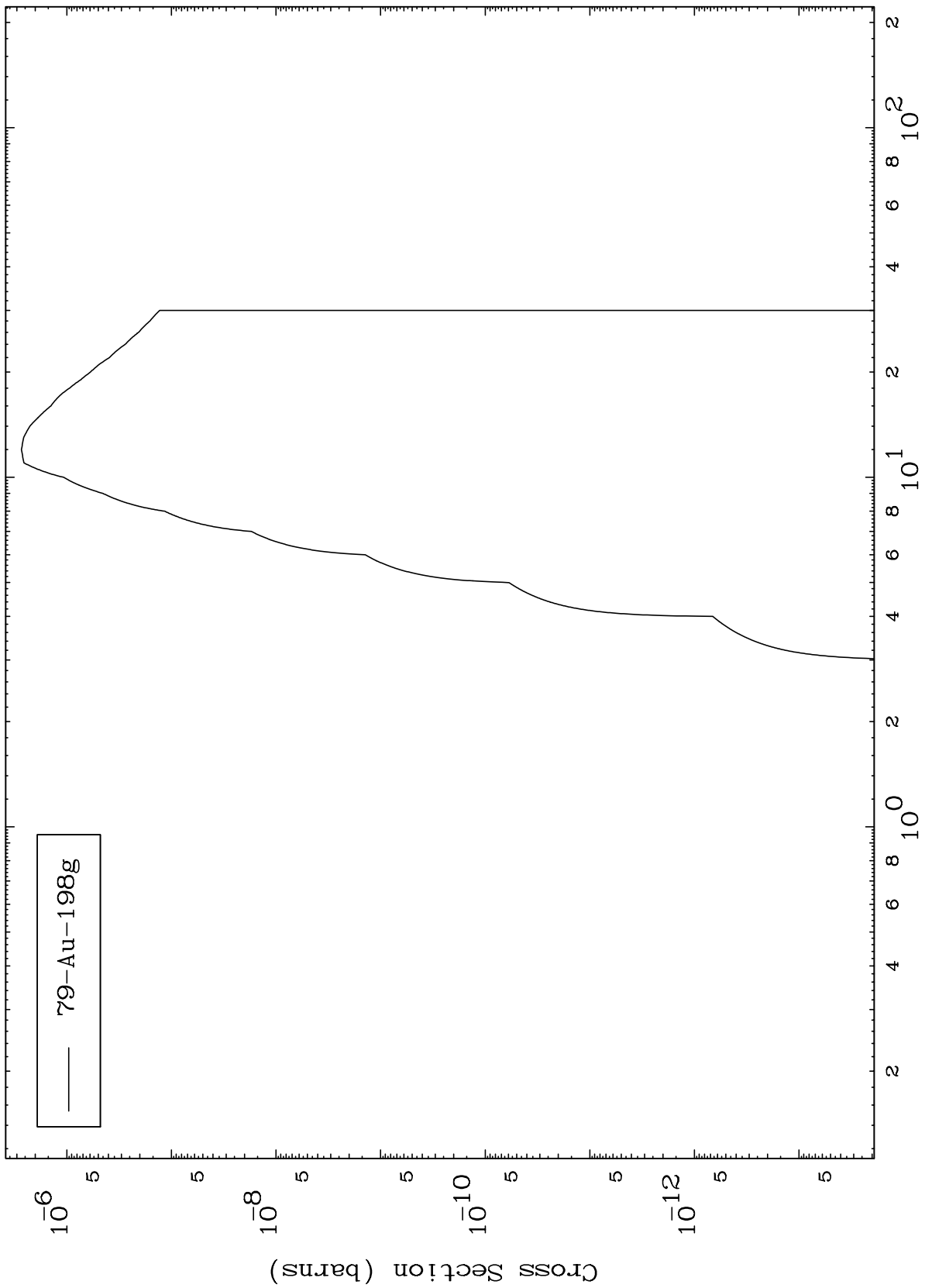
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

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



25

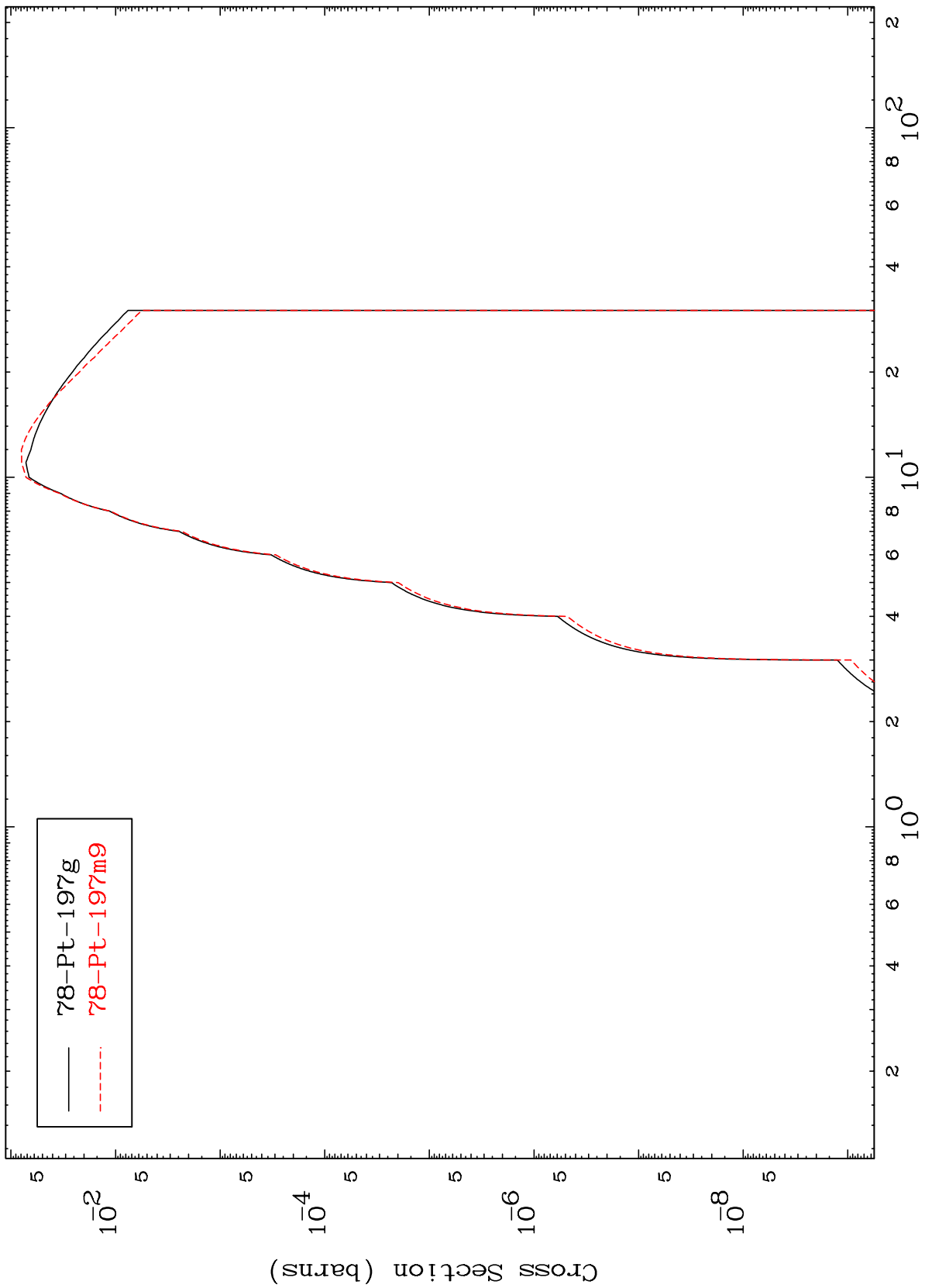
78-Pt-196

Incident Energy (MeV)

MAT 7843

78-Pt-196

(n,p)  
Radionuclide Production Cross Section



MAT 7843

78-Pt-196

Radionuclide Production Cross Section

(n, t)

78-Pt-196

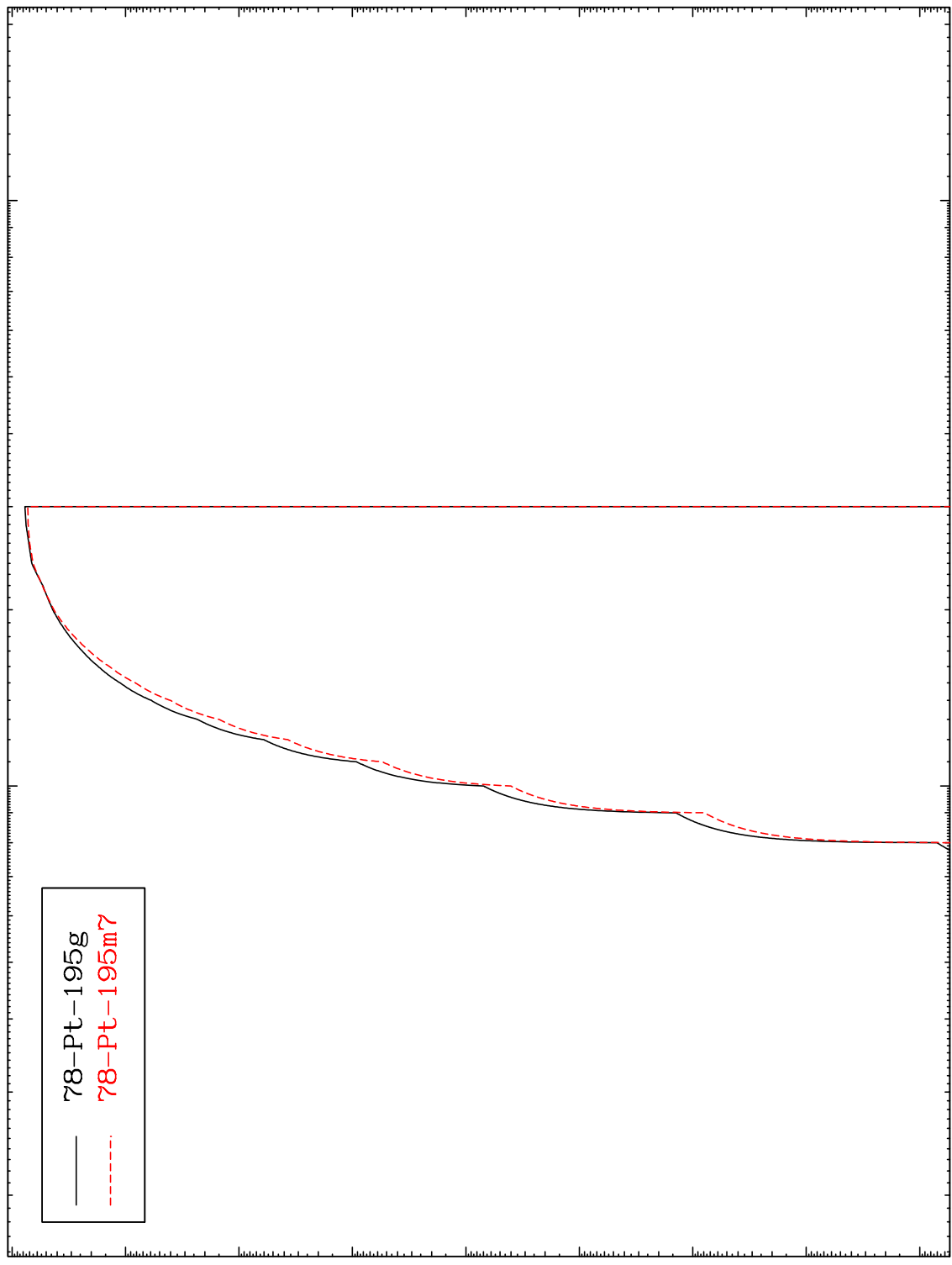
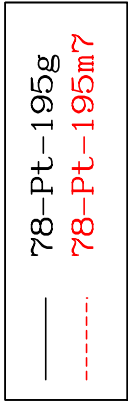
10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

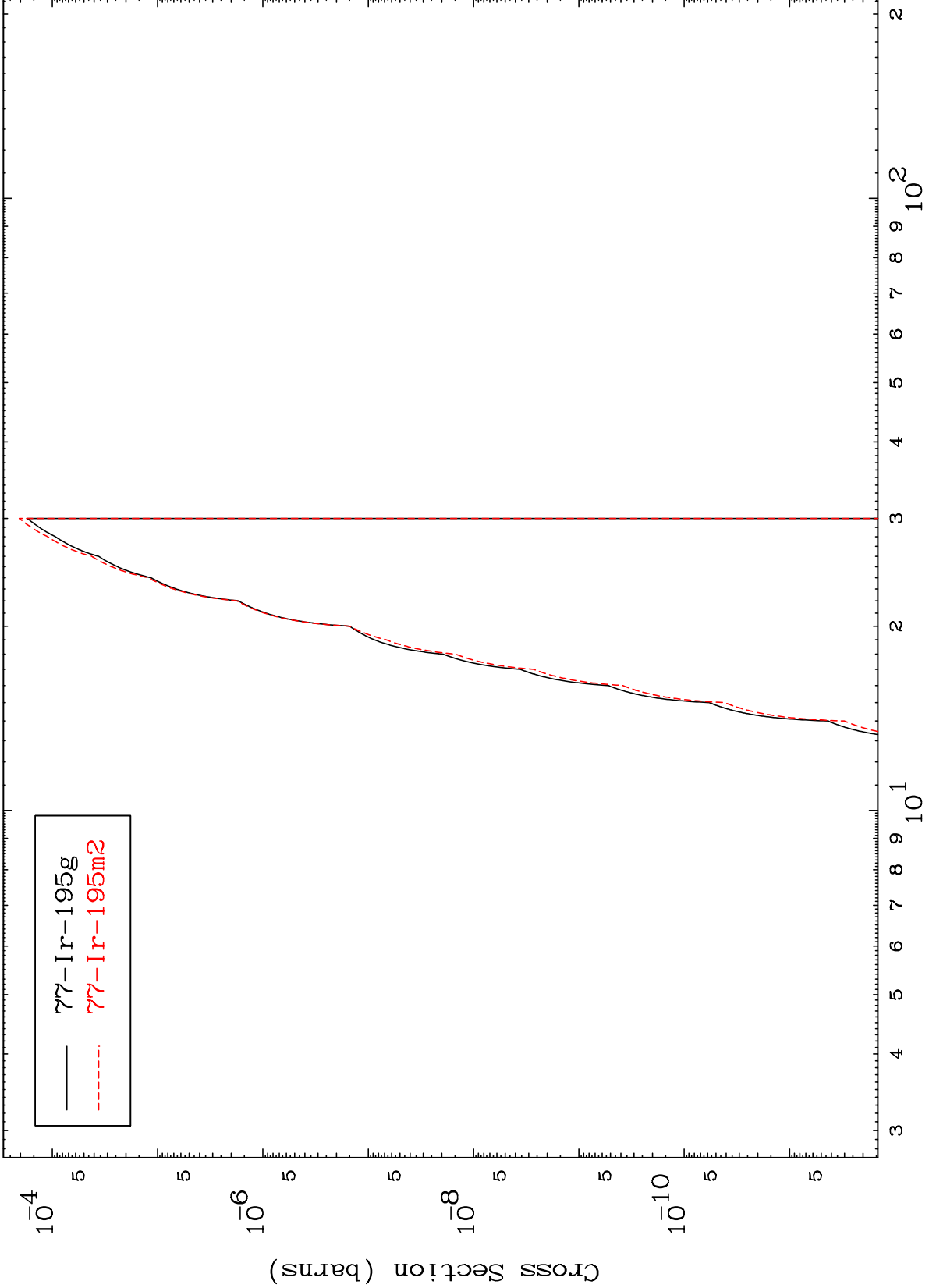


MAT 7843

(n,He-3)

78-Pt-196

Radionuclide Production Cross Section

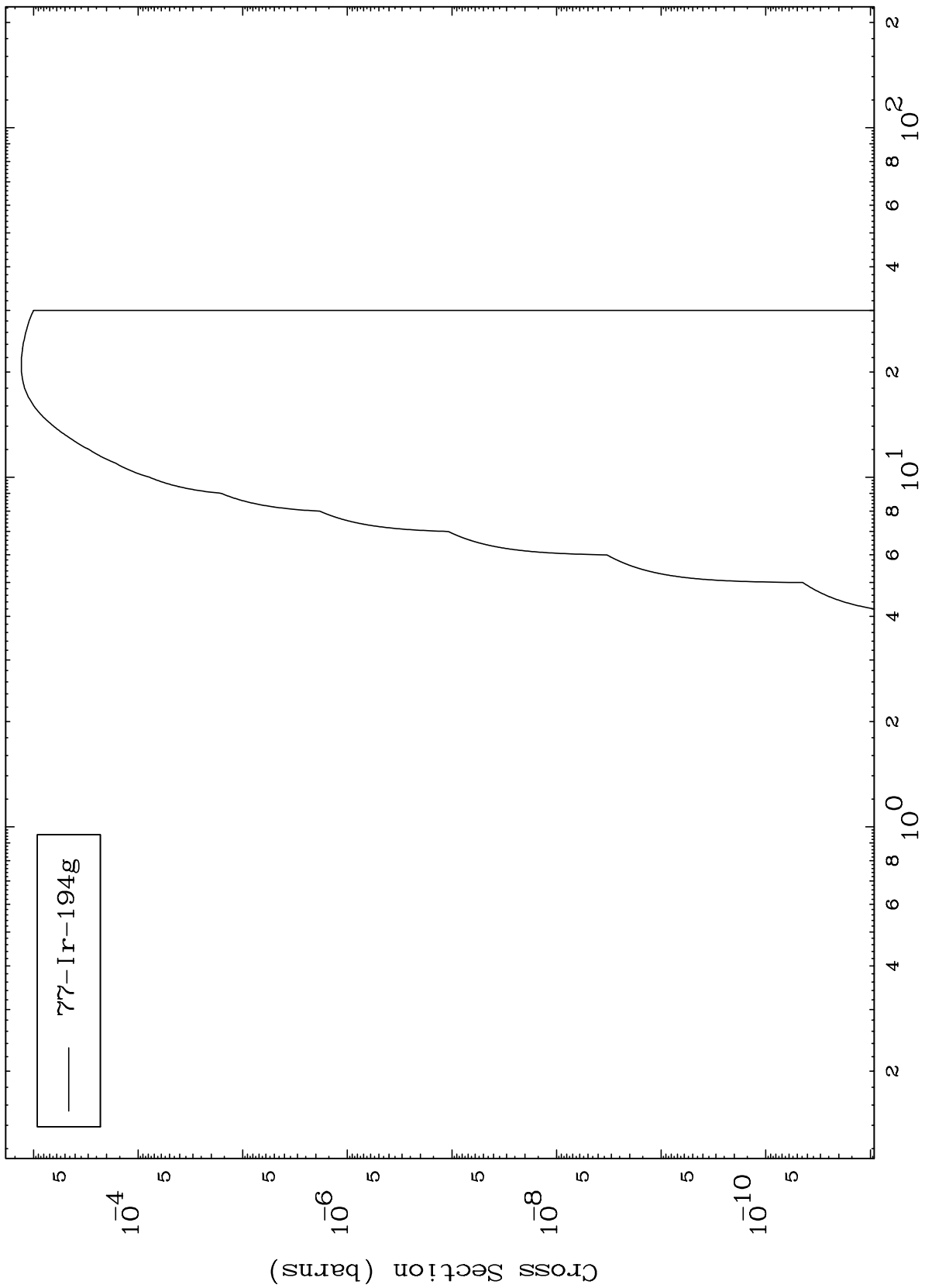


—  $^{77}\text{Ir-195g}$   
- - -  $^{77}\text{Ir-195m2}$

MAT 7843

78-Pt-196

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



29

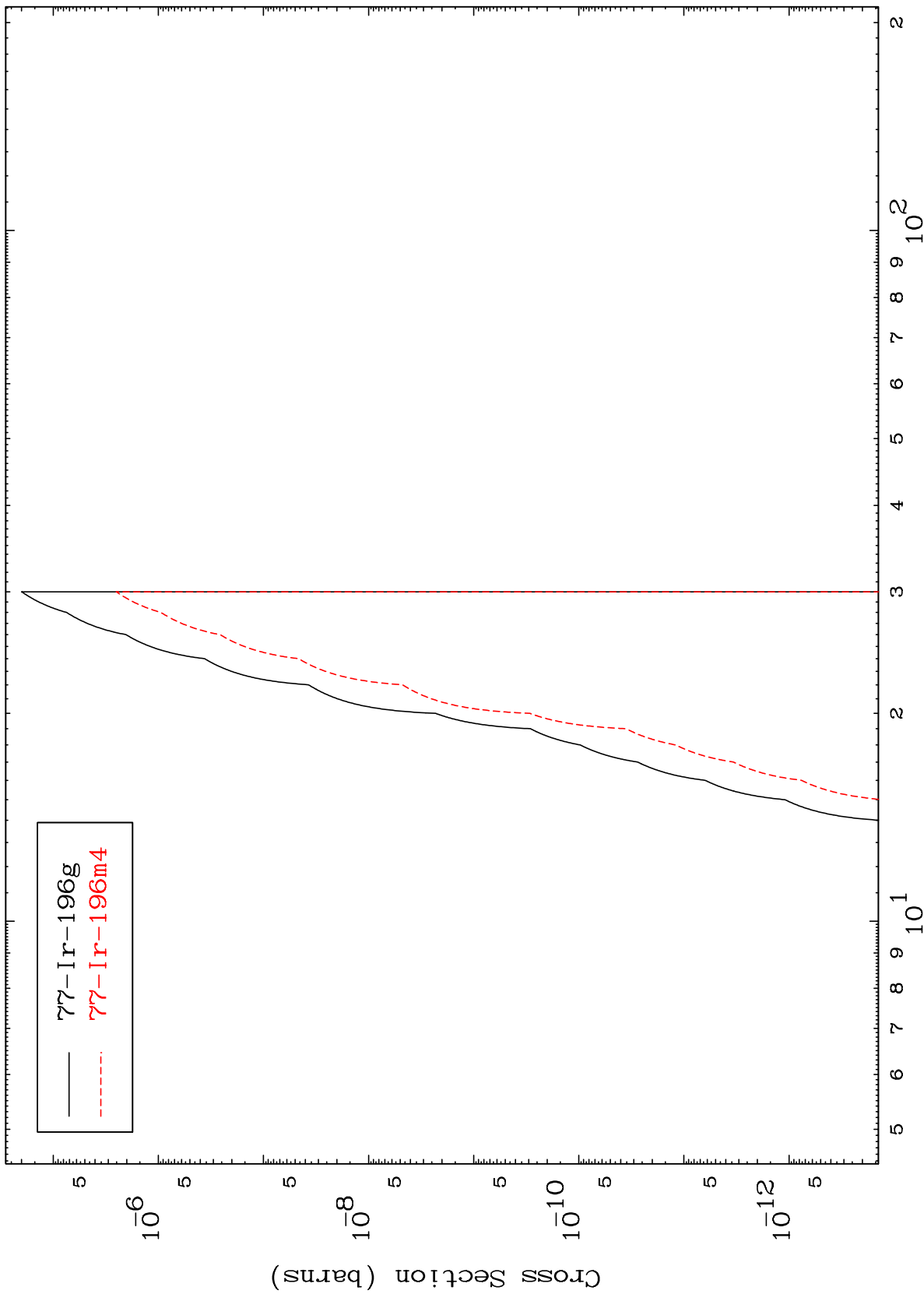
Incident Energy (MeV)

78-Pt-196

MAT 7843

78-Pt-196

(n,2p)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

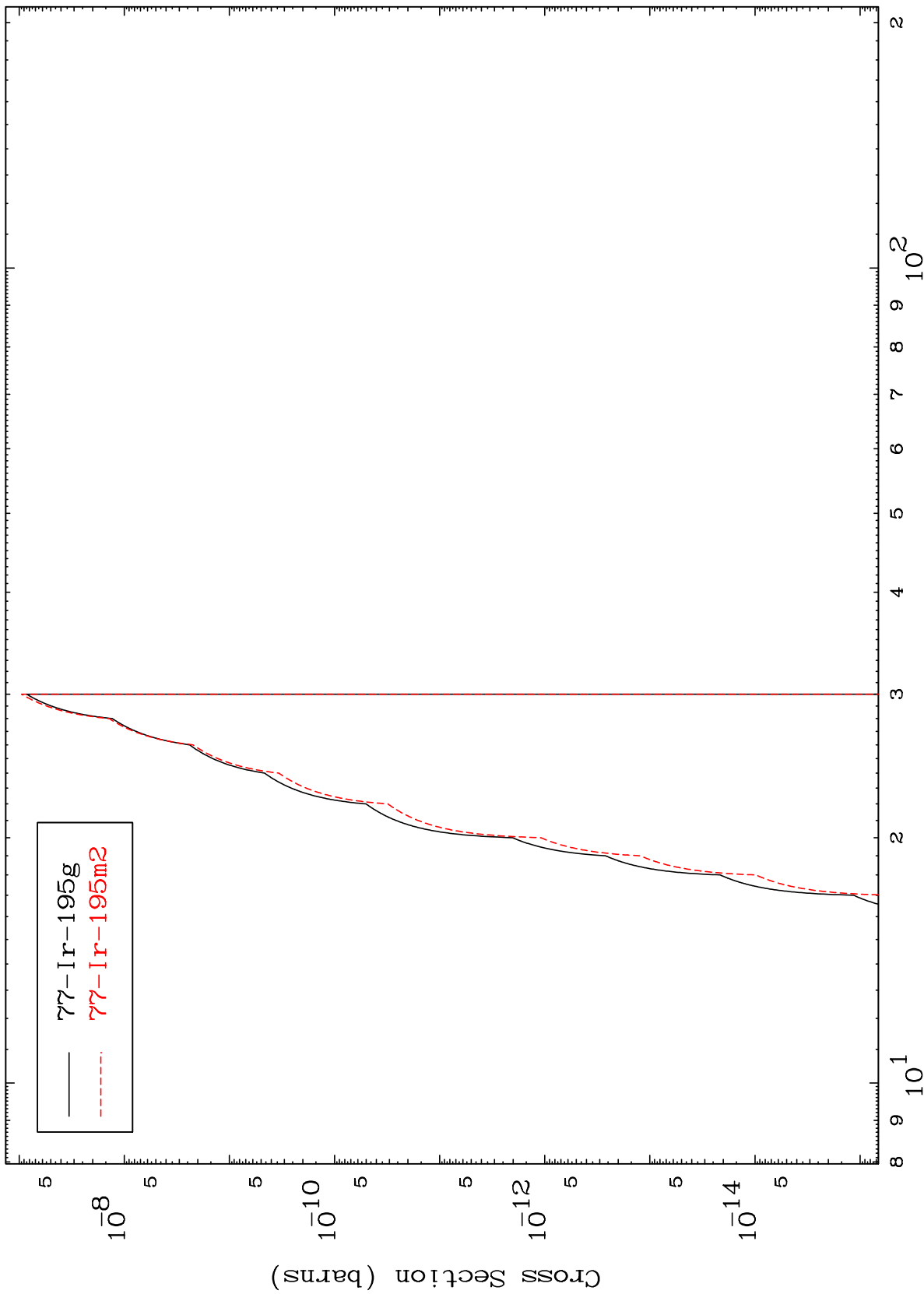
78-Pt-196

MAT 7843

(n,p) d

78-Pt-196

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-196

31

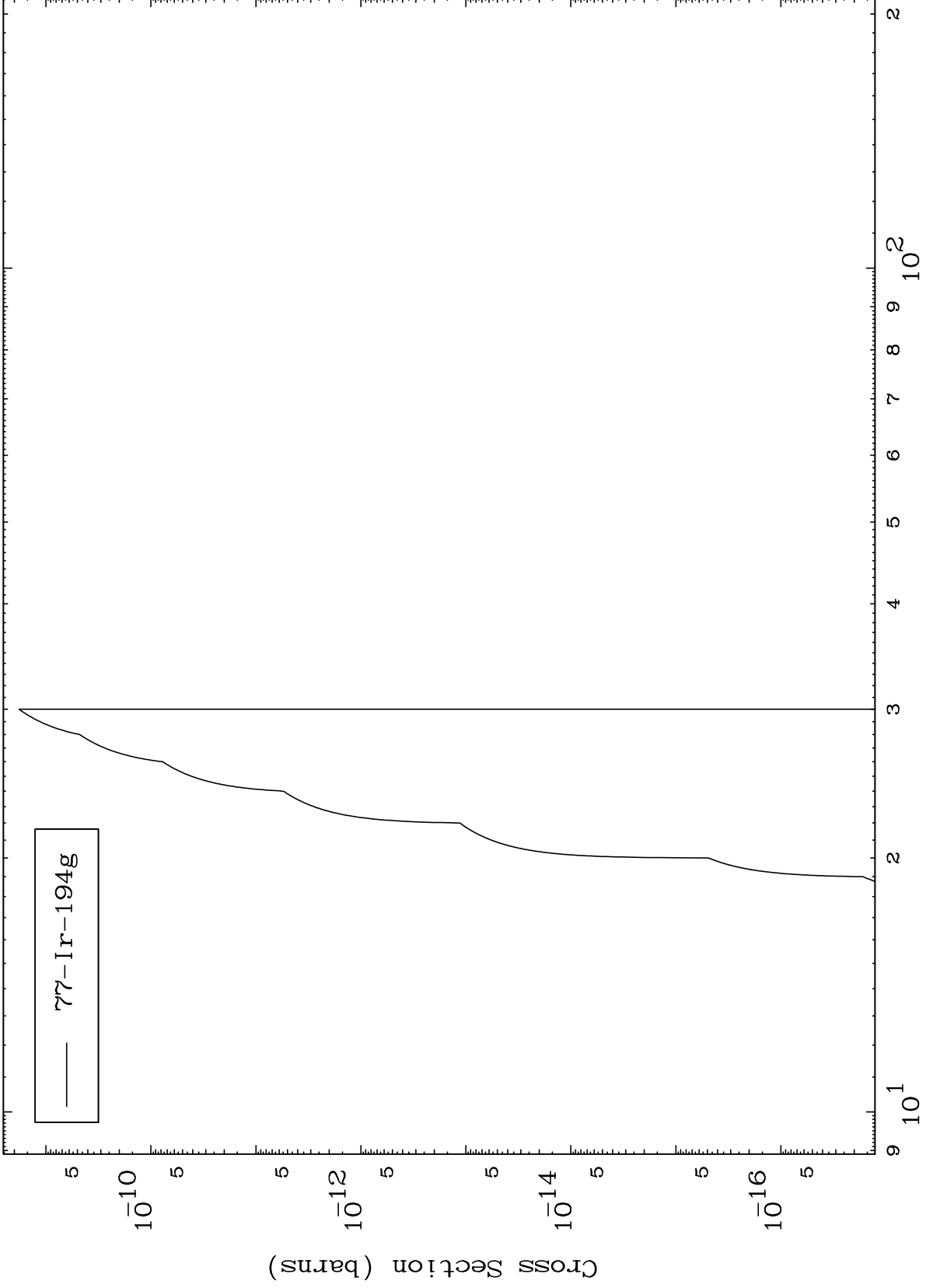


MAT 7843

(n,p) t

78-Pt-196

Radionuclide Production Cross Section



77-Ir-194g

32

Incident Energy (MeV)

78-Pt-196

MAT 7843

(n,d)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section

