

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

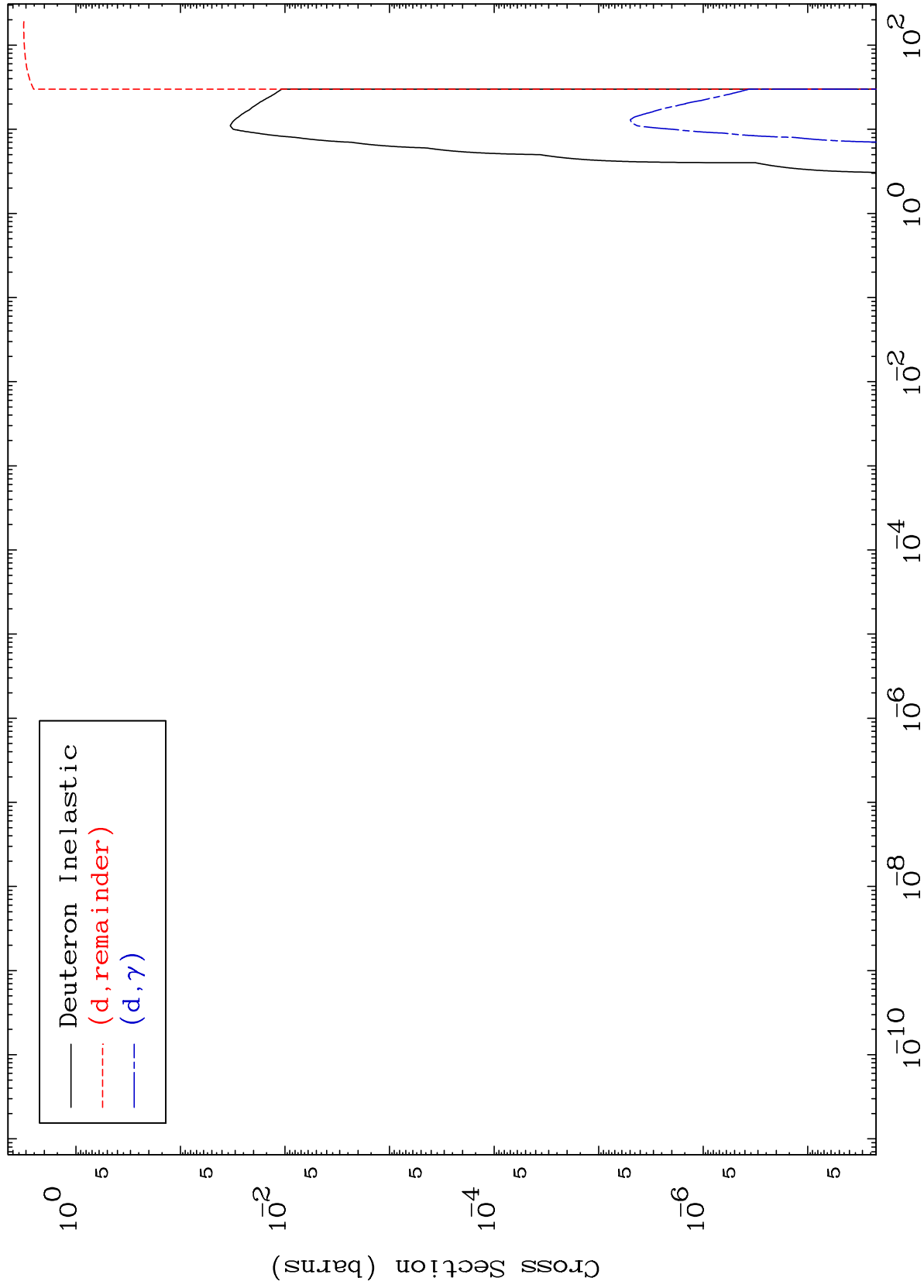
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

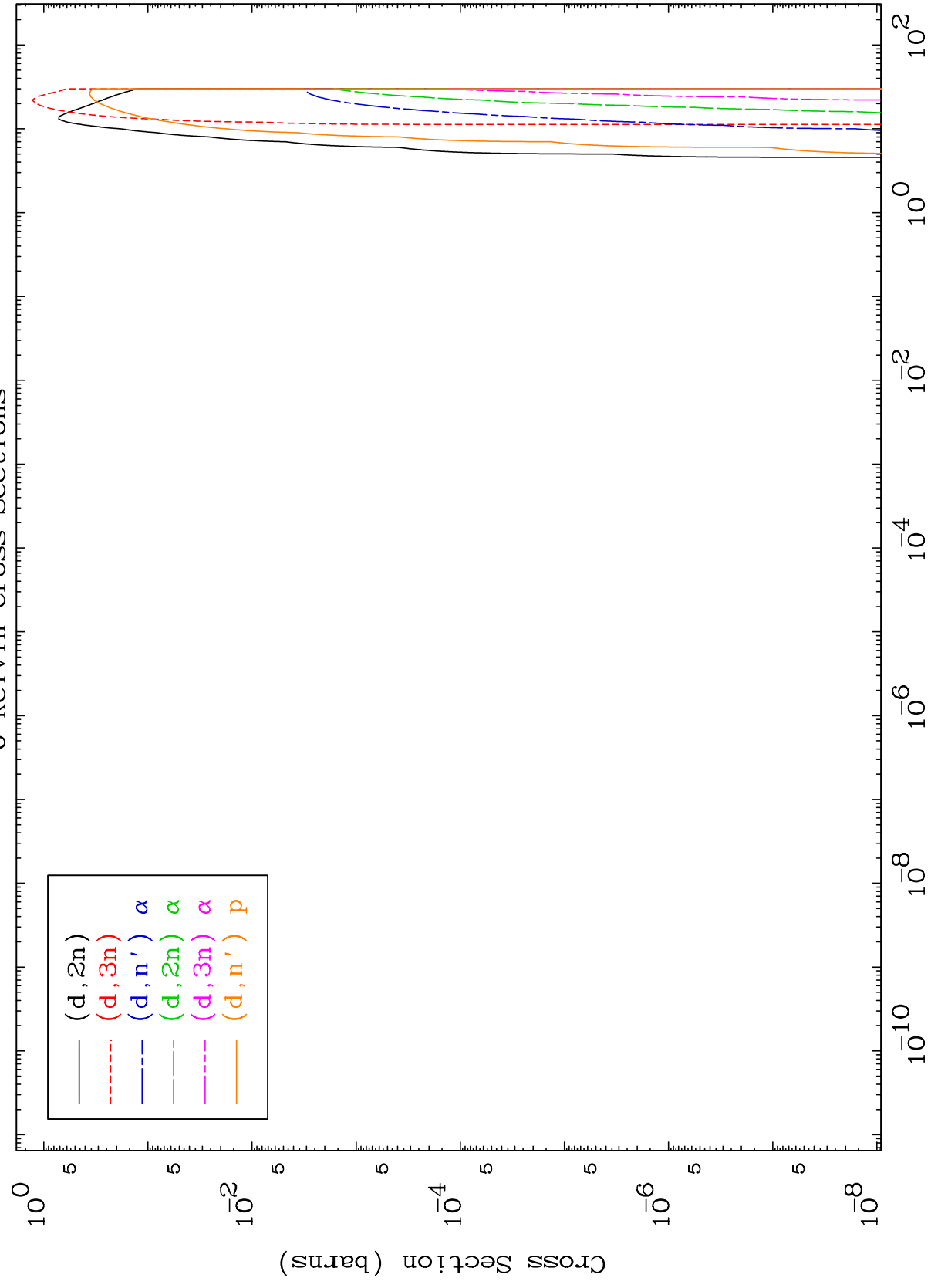
Press Mouse Button to Start



MAT 7843

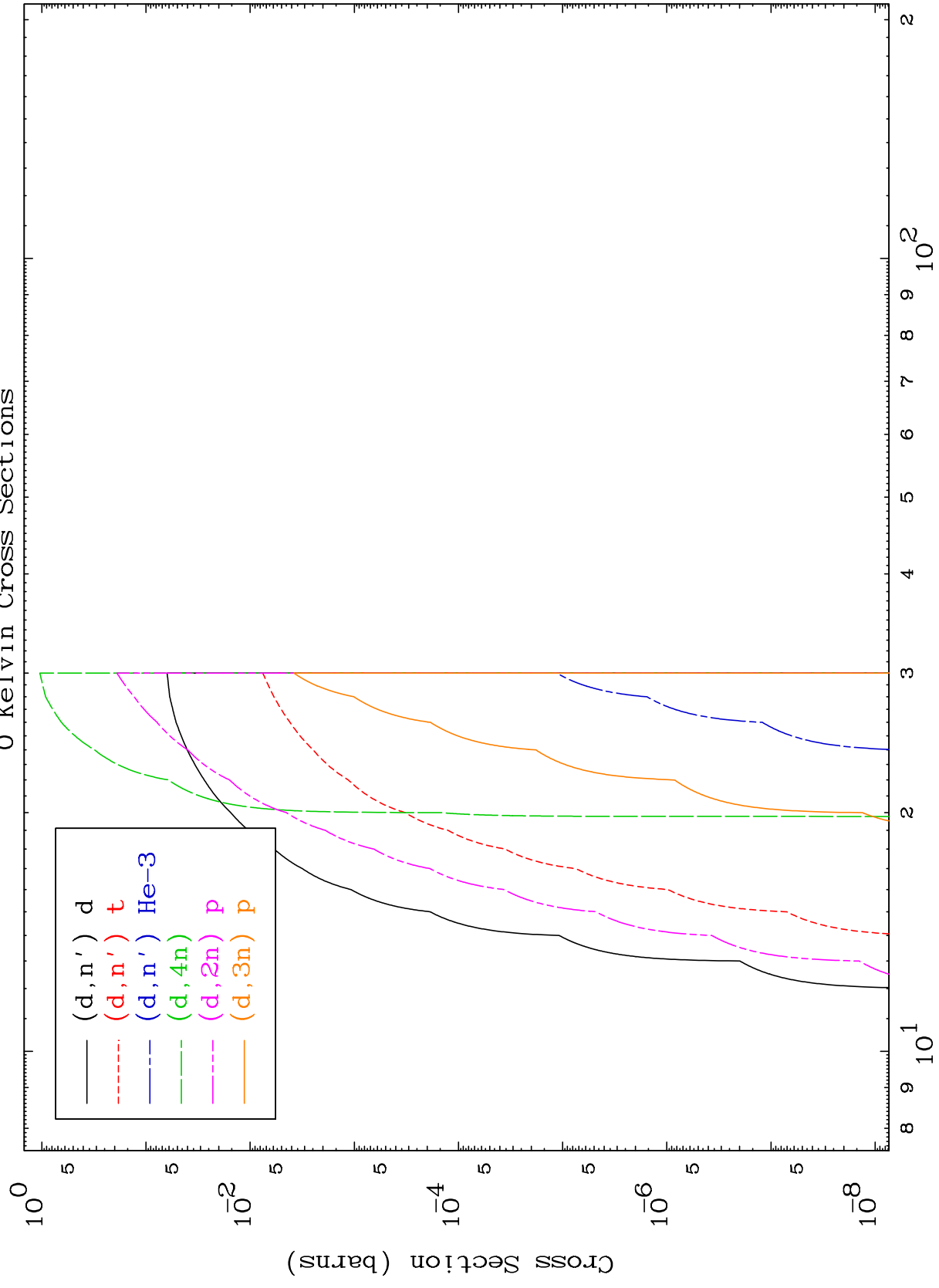
Deuteron Neutron Production  
0 Kelvin Cross Sections

78-Pt-196



2

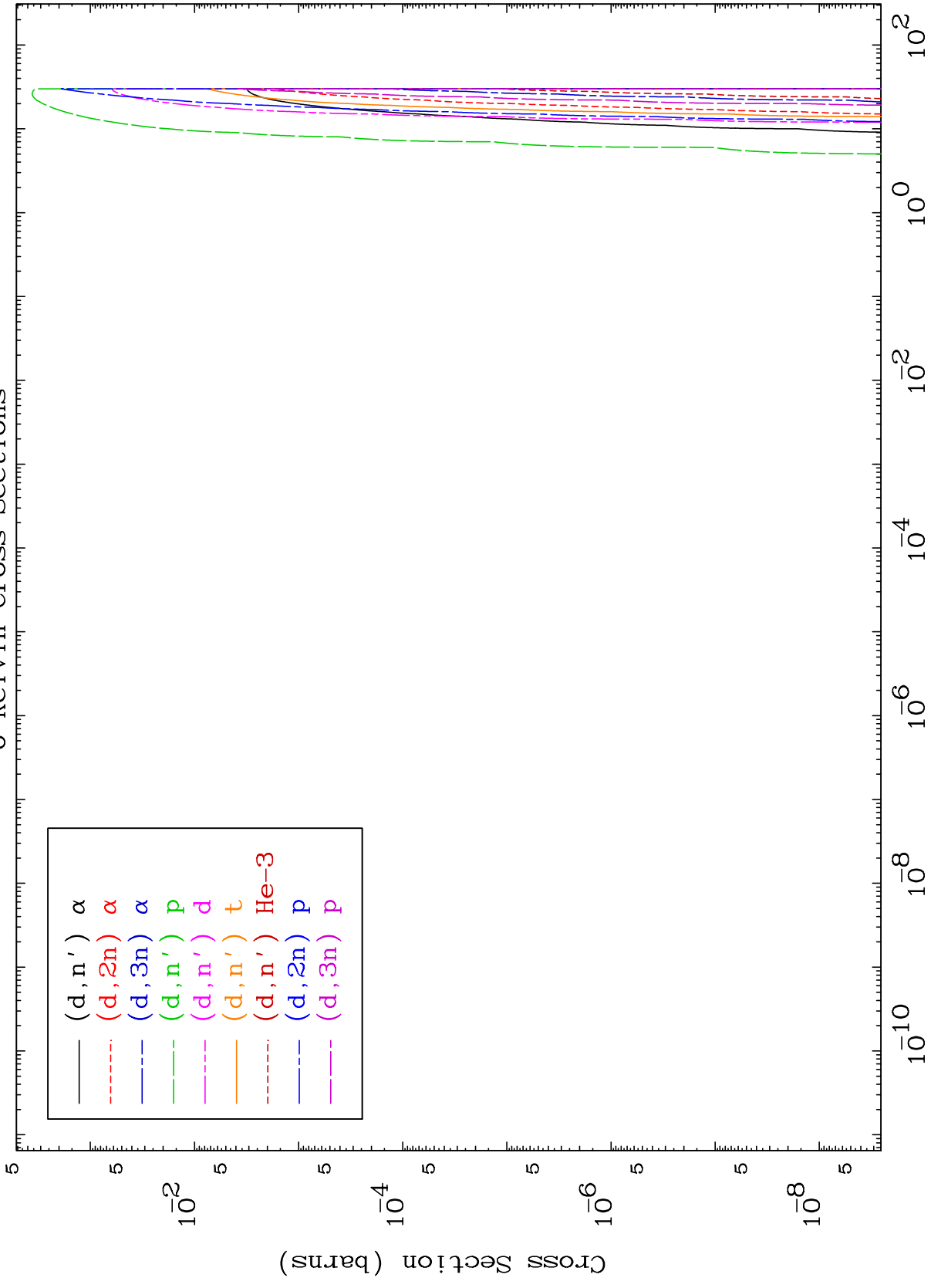
78-Pt-196



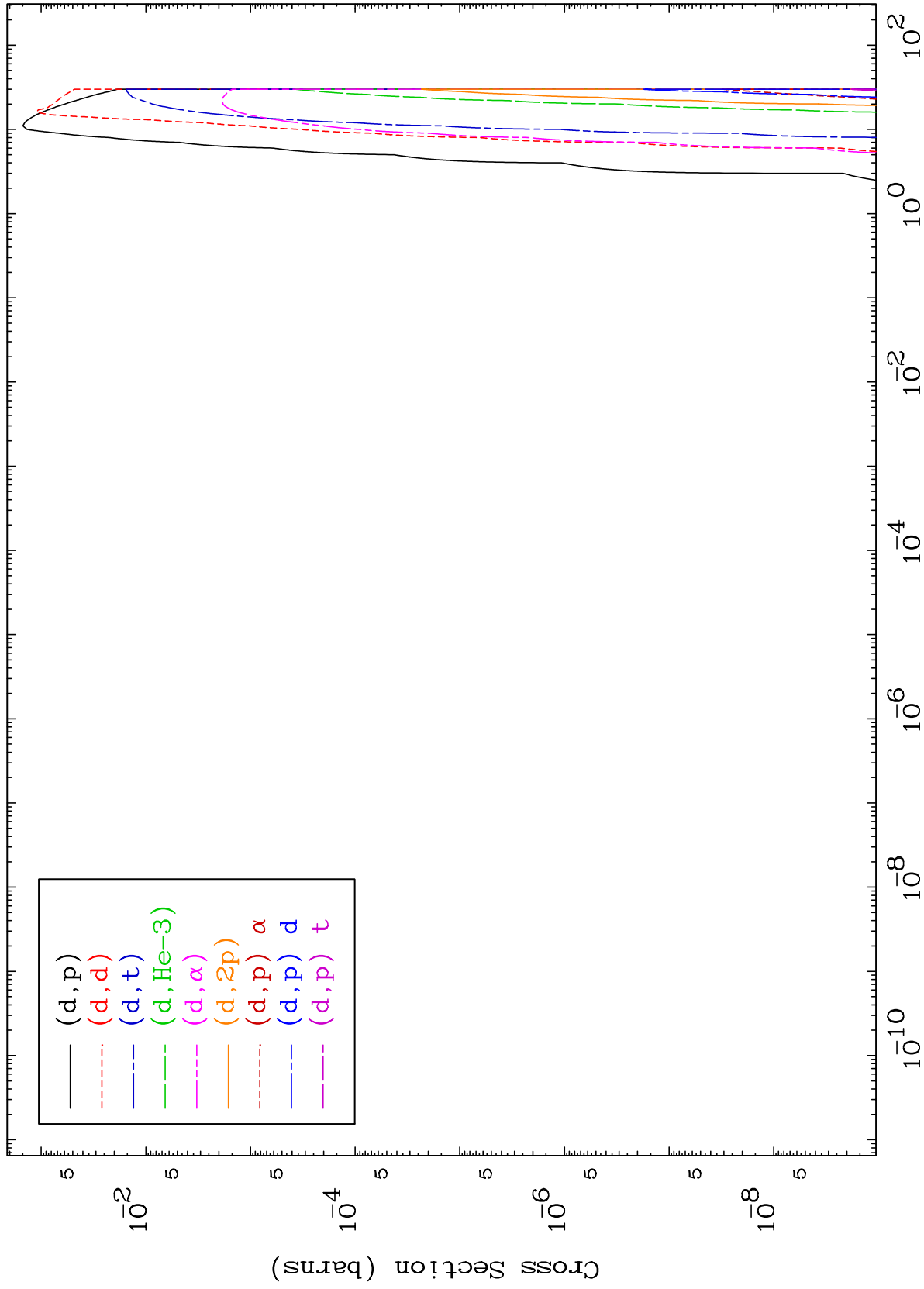
MAT 7843

Deuteron Charged Particle  
0 Kelvin Cross Sections

78-Pt-196



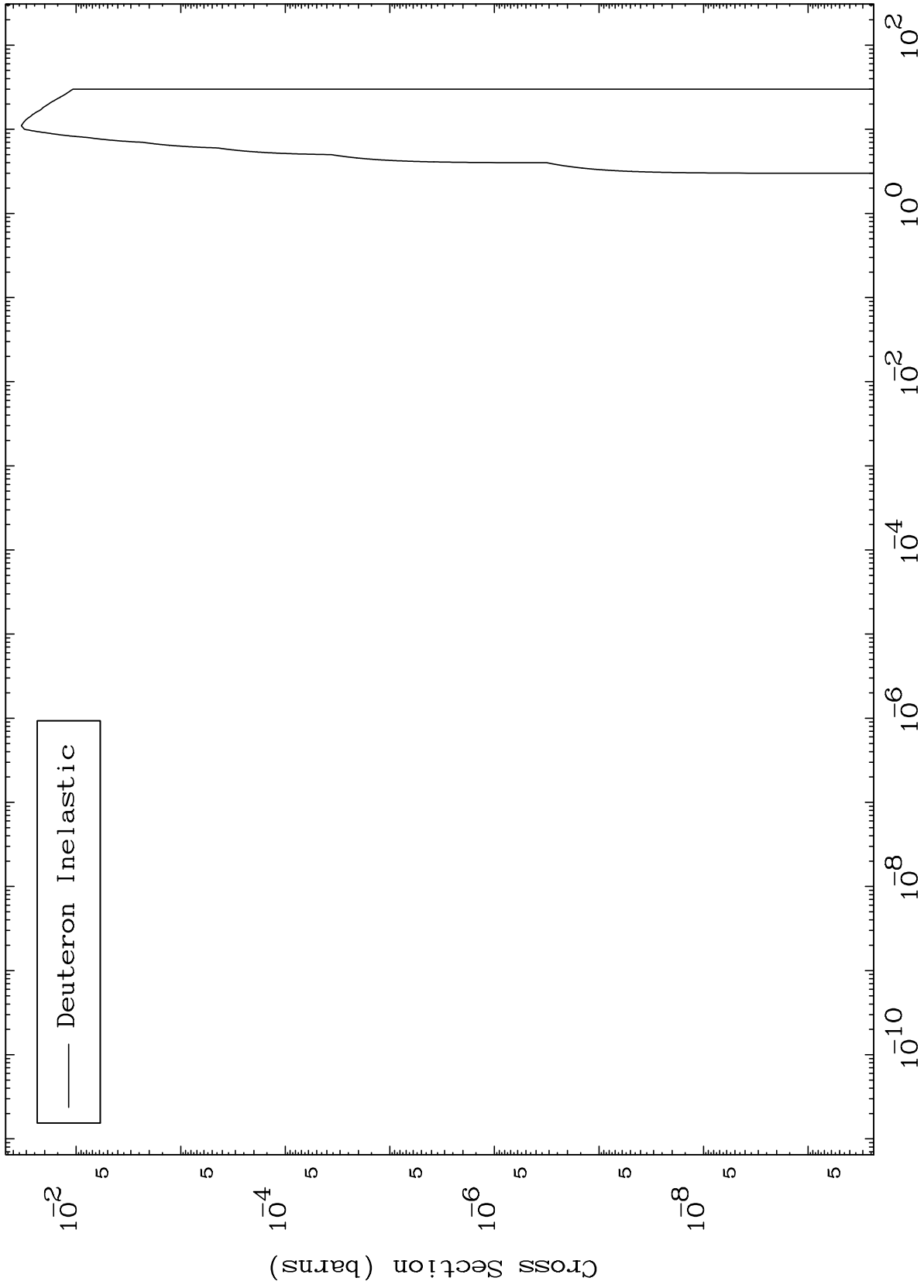
78-Pt-196



MAT 7843

(d,n') Level  
0 Kelvin Cross Sections

78-Pt-196



6

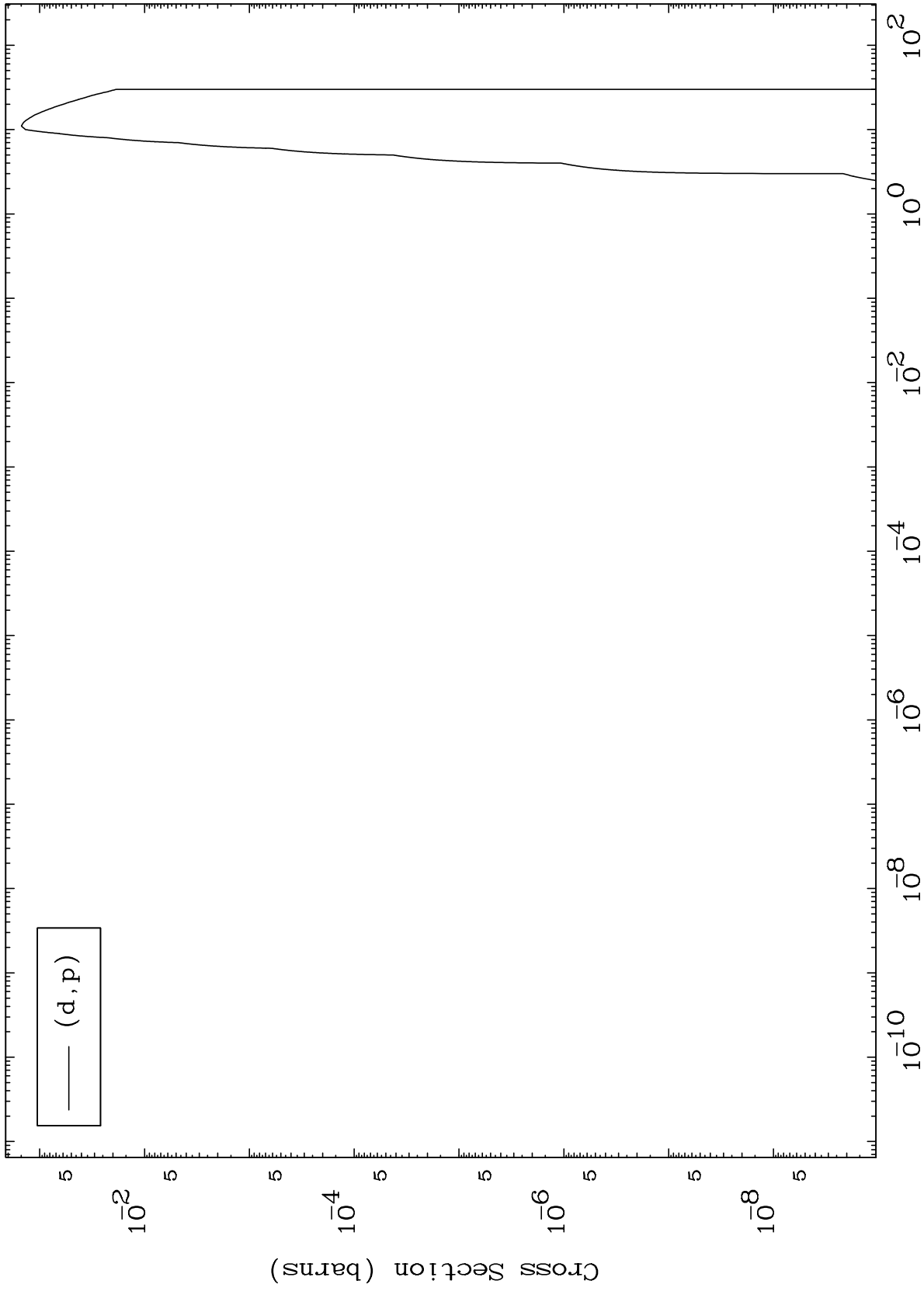
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,p) Levels  
0 Kelvin Cross Sections

78-Pt-196



7

Incident Energy (MeV)

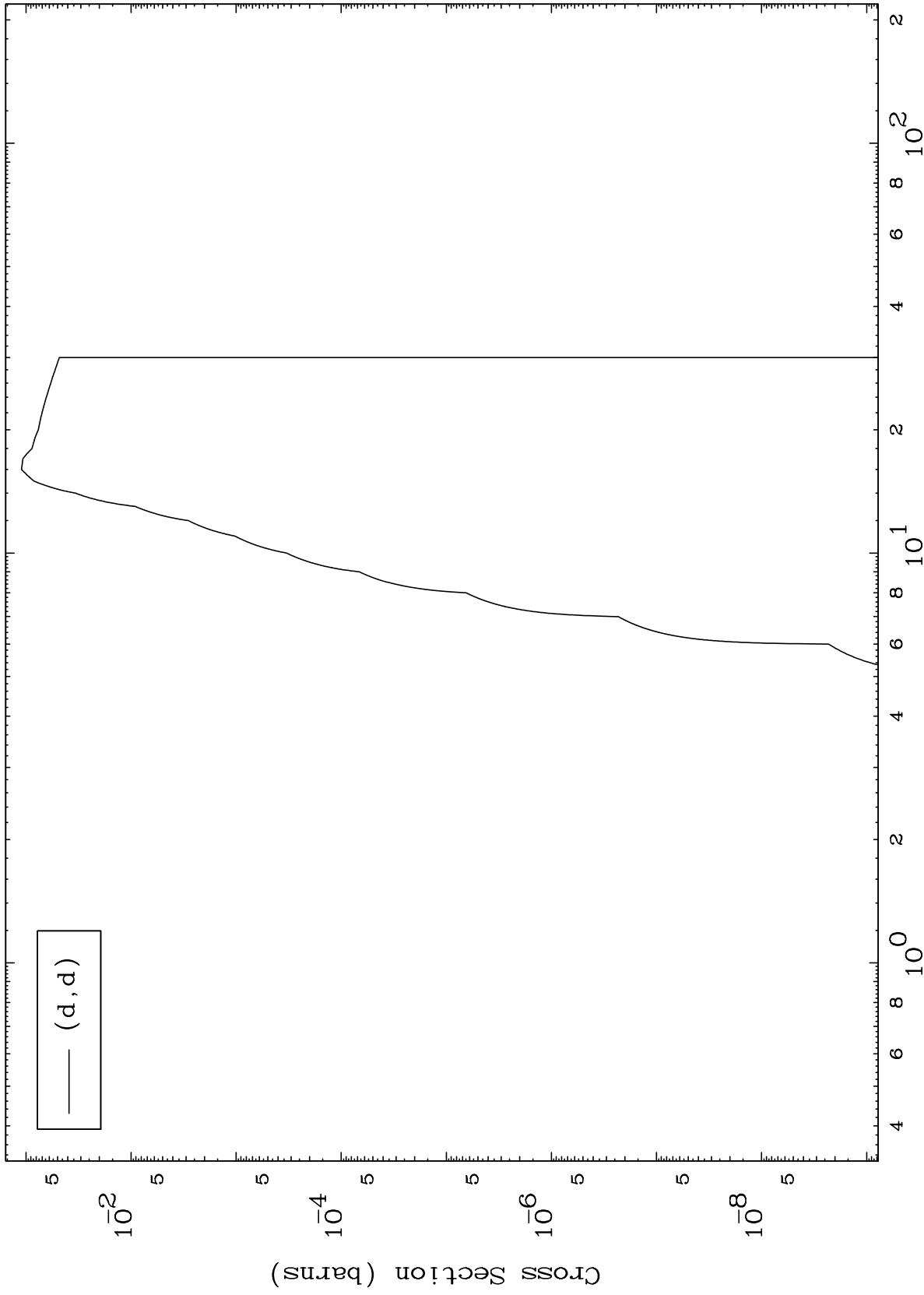
78-Pt-196



MAT 7843

(d,d) Levels  
0 Kelvin Cross Sections

78-Pt-196



8

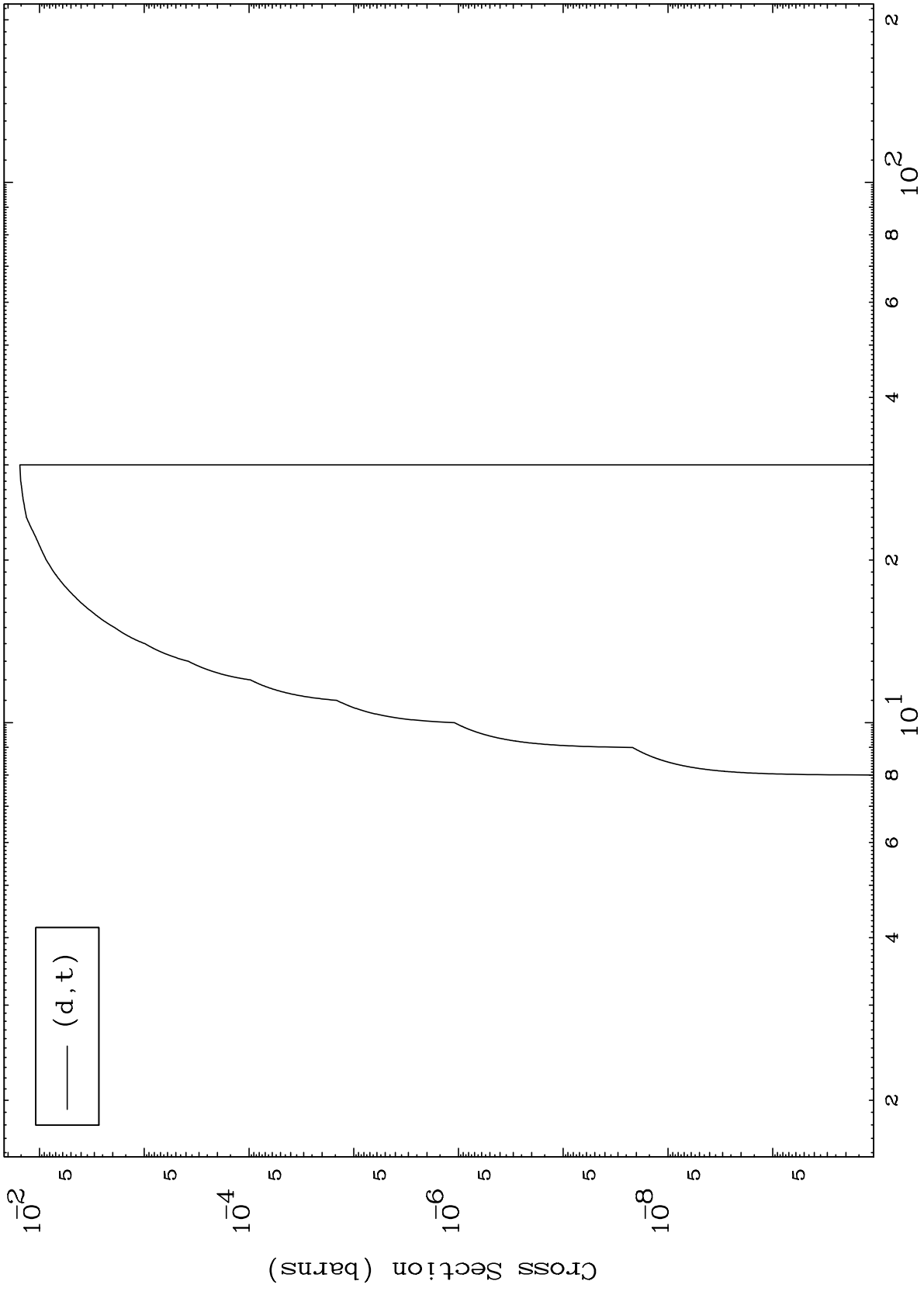
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,t) Levels  
0 Kelvin Cross Sections

78-Pt-196



9

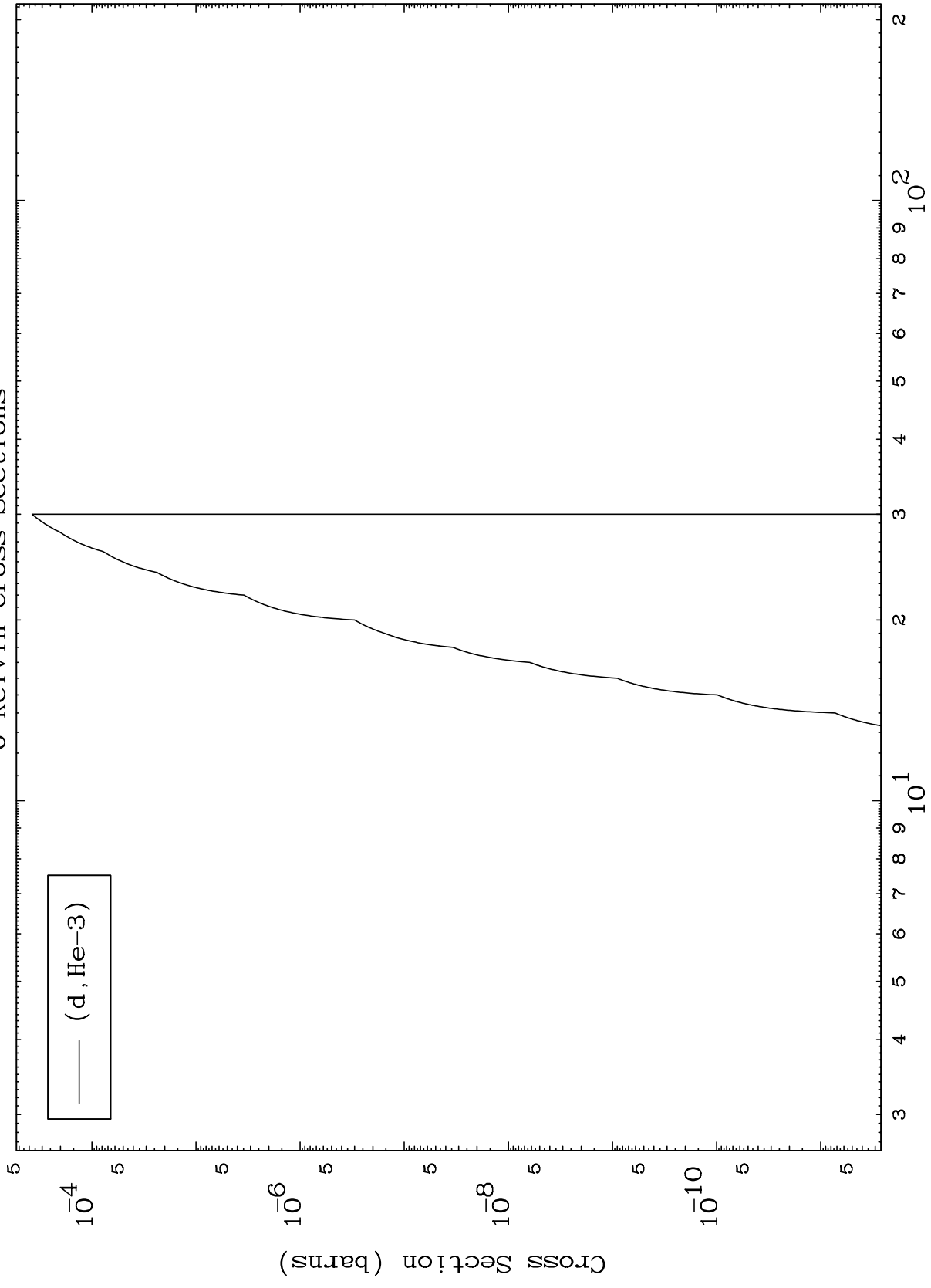
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,He3) Levels  
0 Kelvin Cross Sections

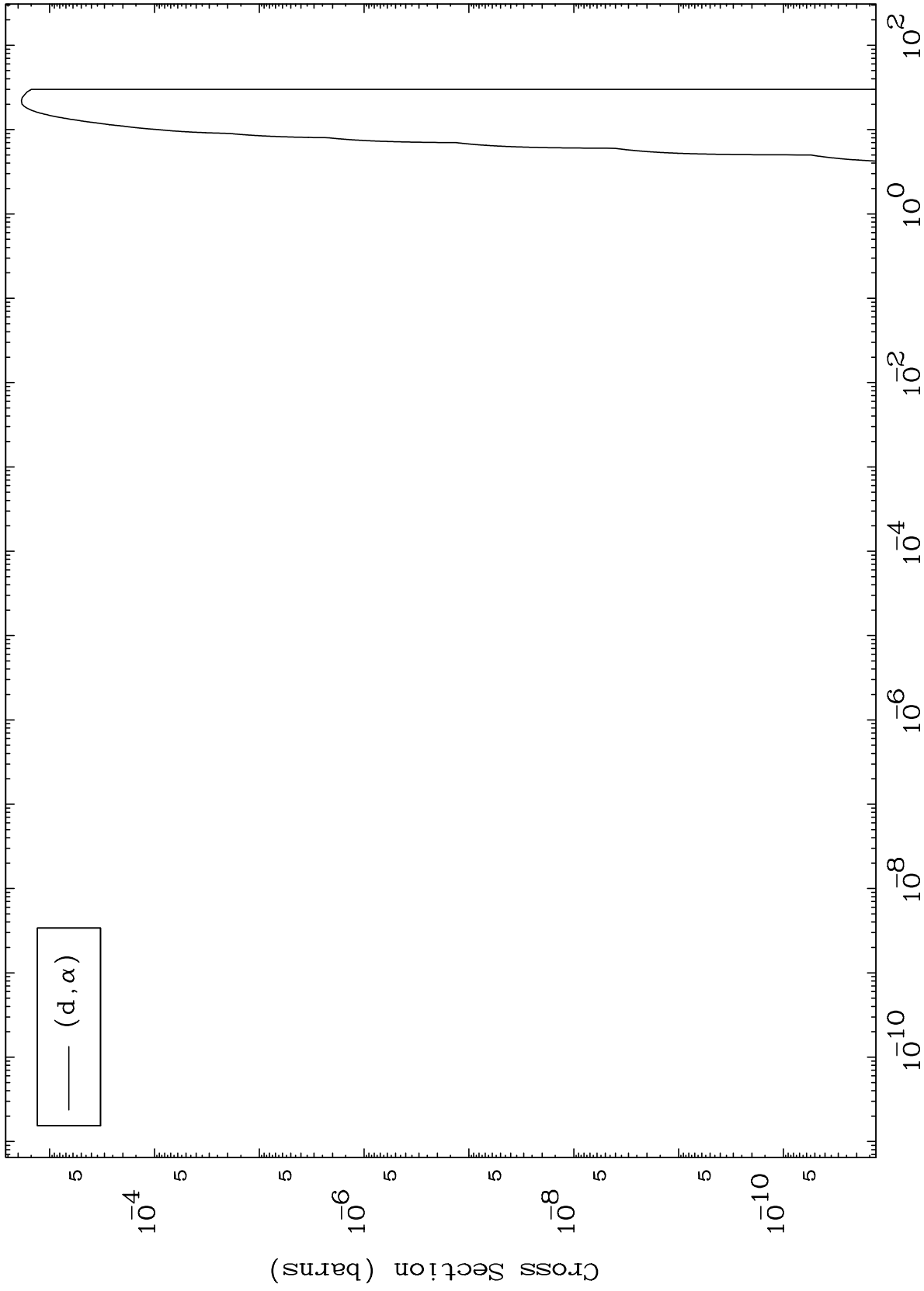
78-Pt-196



MAT 7843

(d, $\alpha$ ) Levels  
0 Kelvin Cross Sections

78-Pt-196



11

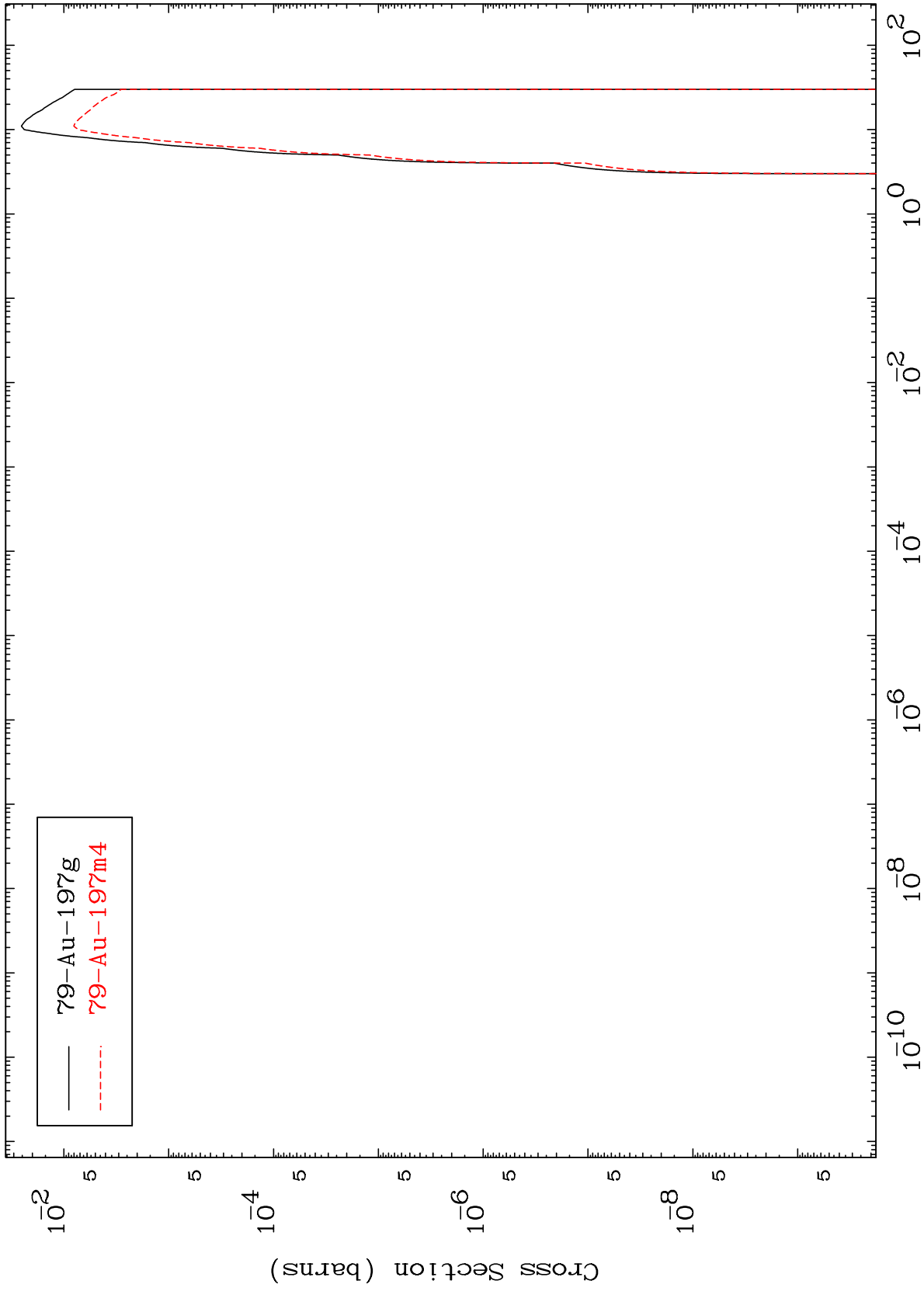
Incident Energy (MeV)

78-Pt-196

MAT 7843

Deuteron Inelastic  
Radionuclide Production Cross Section

78-Pt-196



12

Incident Energy (MeV)

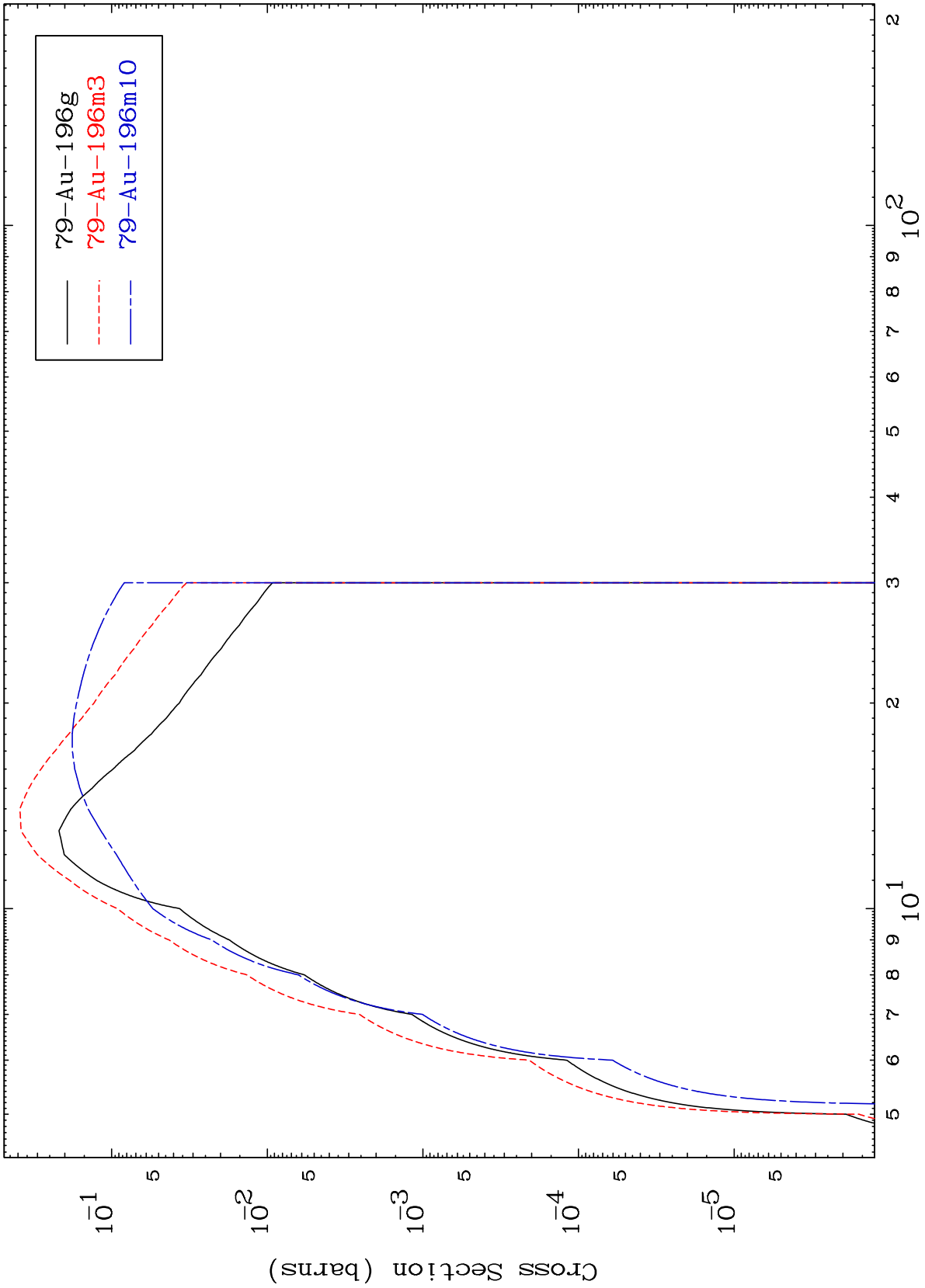
78-Pt-196

MAT 7843

(d,2n)

78-Pt-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

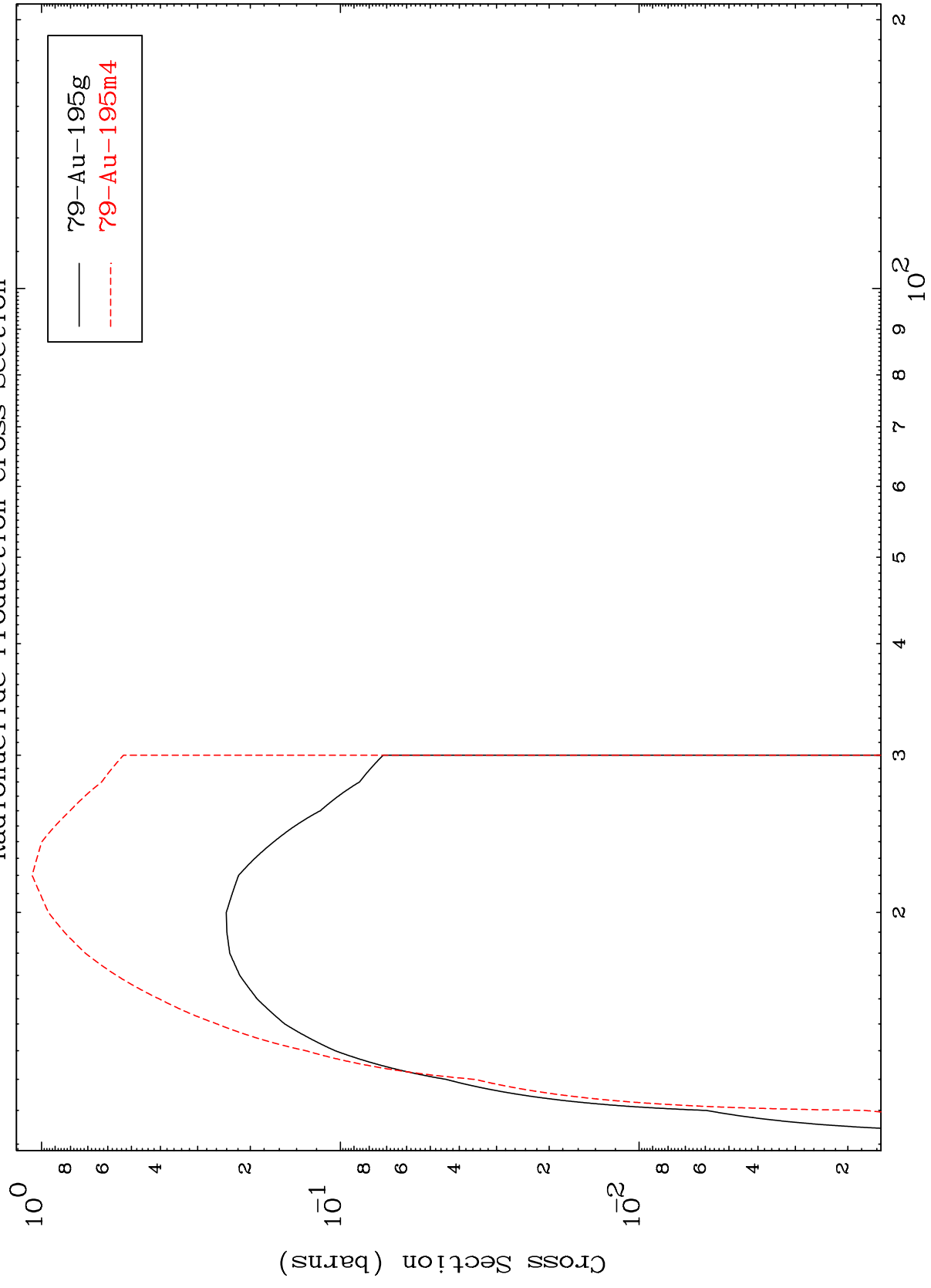
78-Pt-196

MAT 7843

(d,3n)

78-Pt-196

Radionuclide Production Cross Section



79-Au-195g  
79-Au-195m4

14

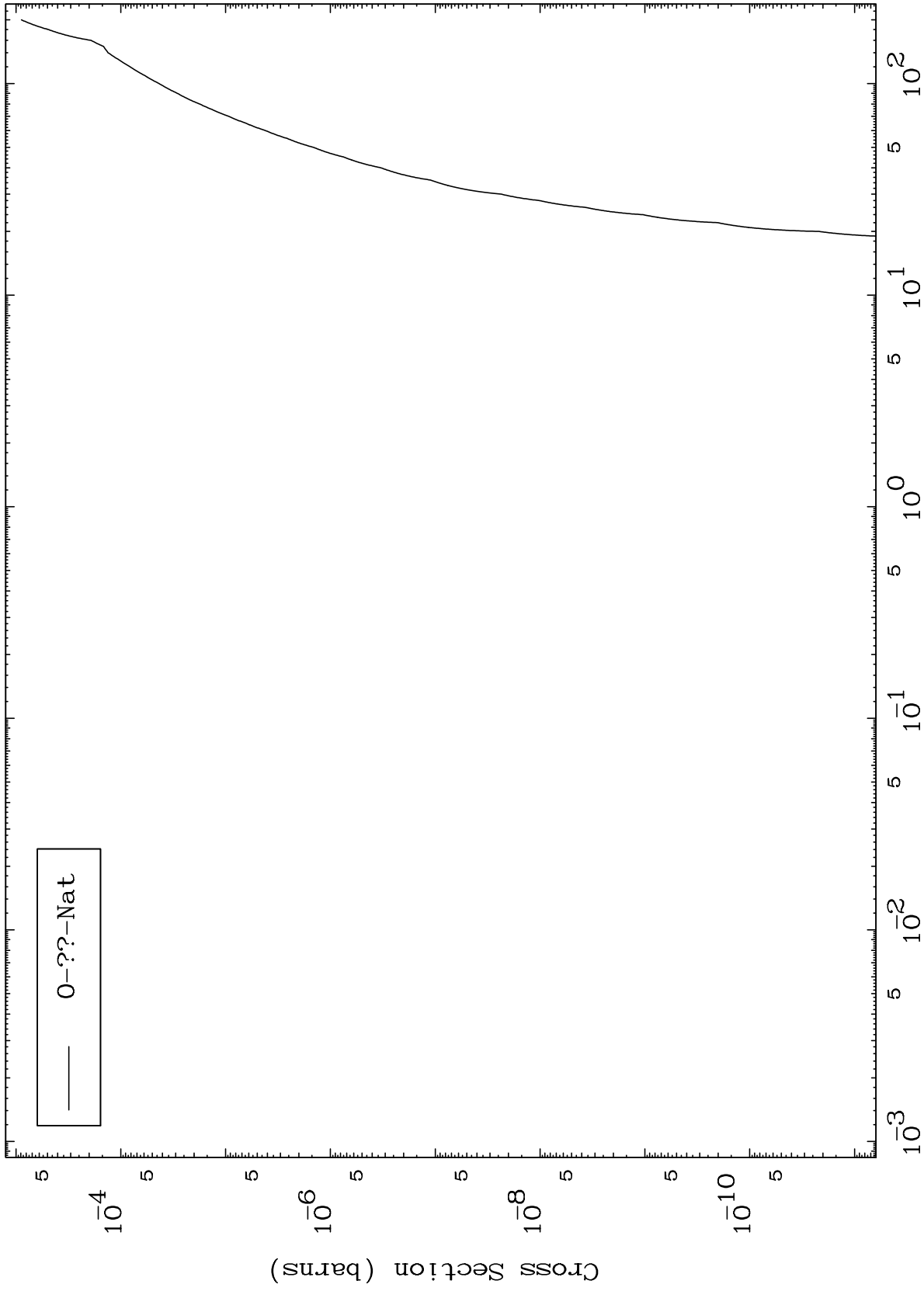
Incident Energy (MeV)

78-Pt-196

MAT 7843

Deuteron Fission  
Radionuclide Production Cross Section

78-Pt-196



15

Incident Energy (MeV)

78-Pt-196

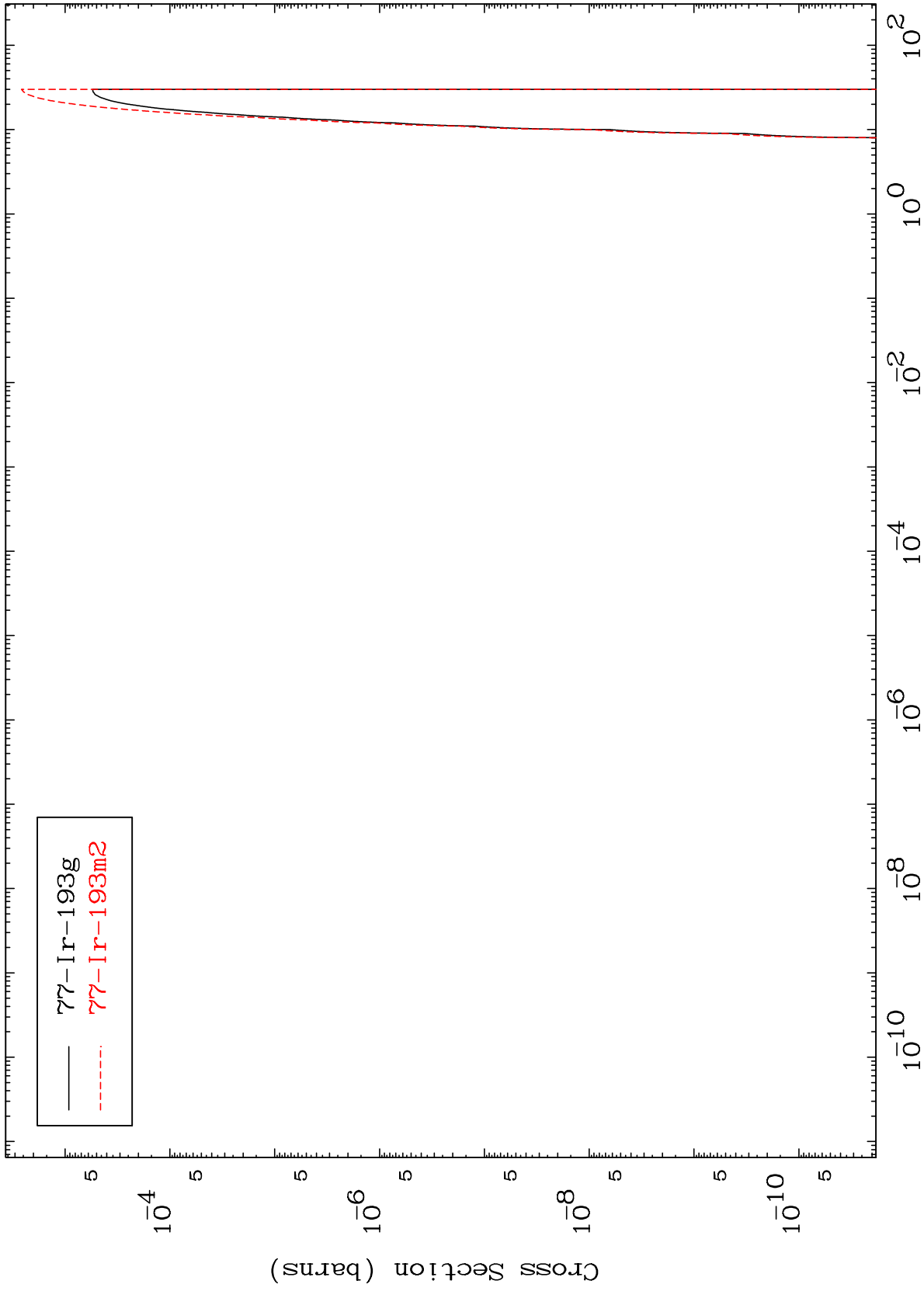


MAT 7843

(d,n')  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

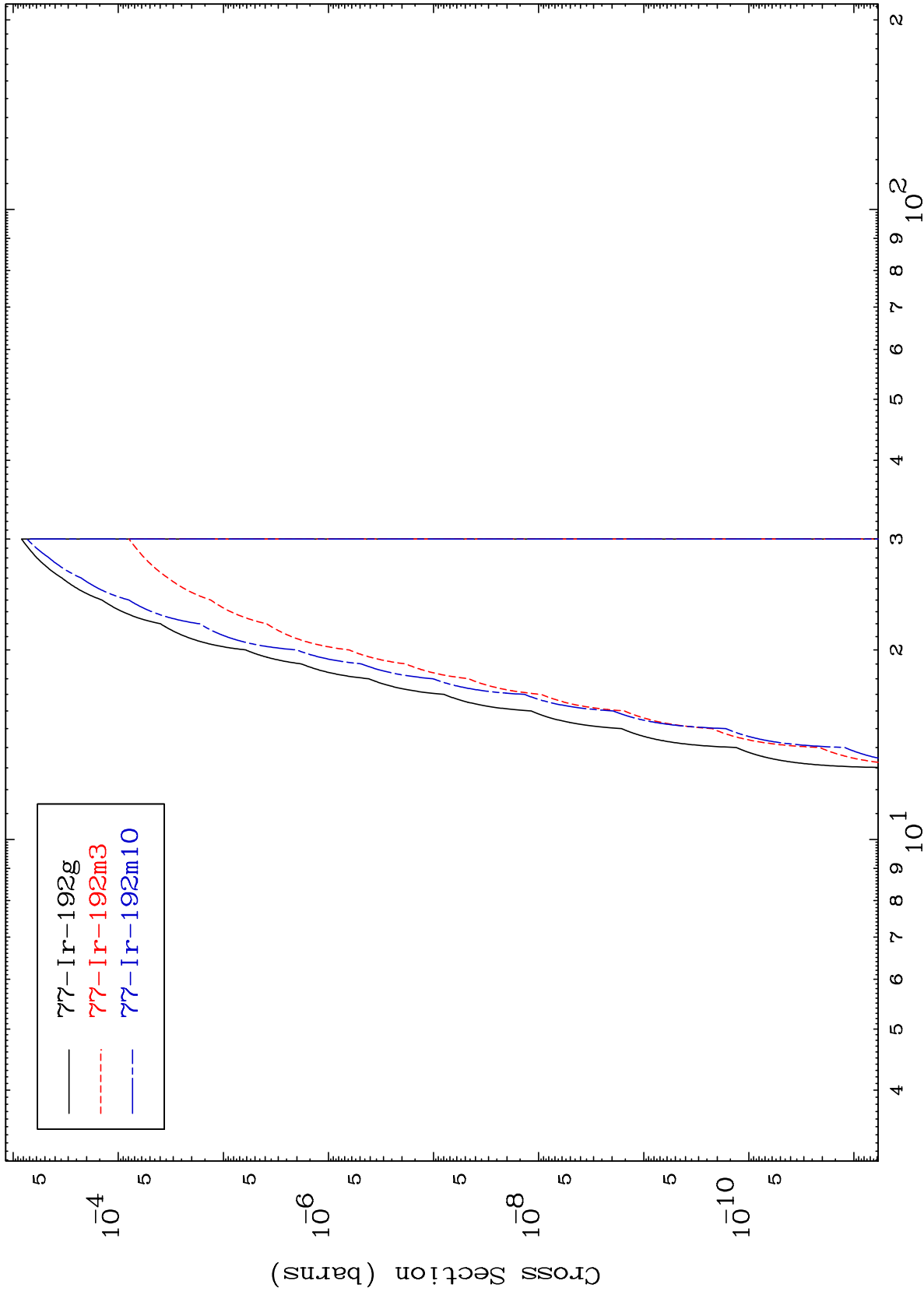
78-Pt-196

MAT 7843

(d,2n)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

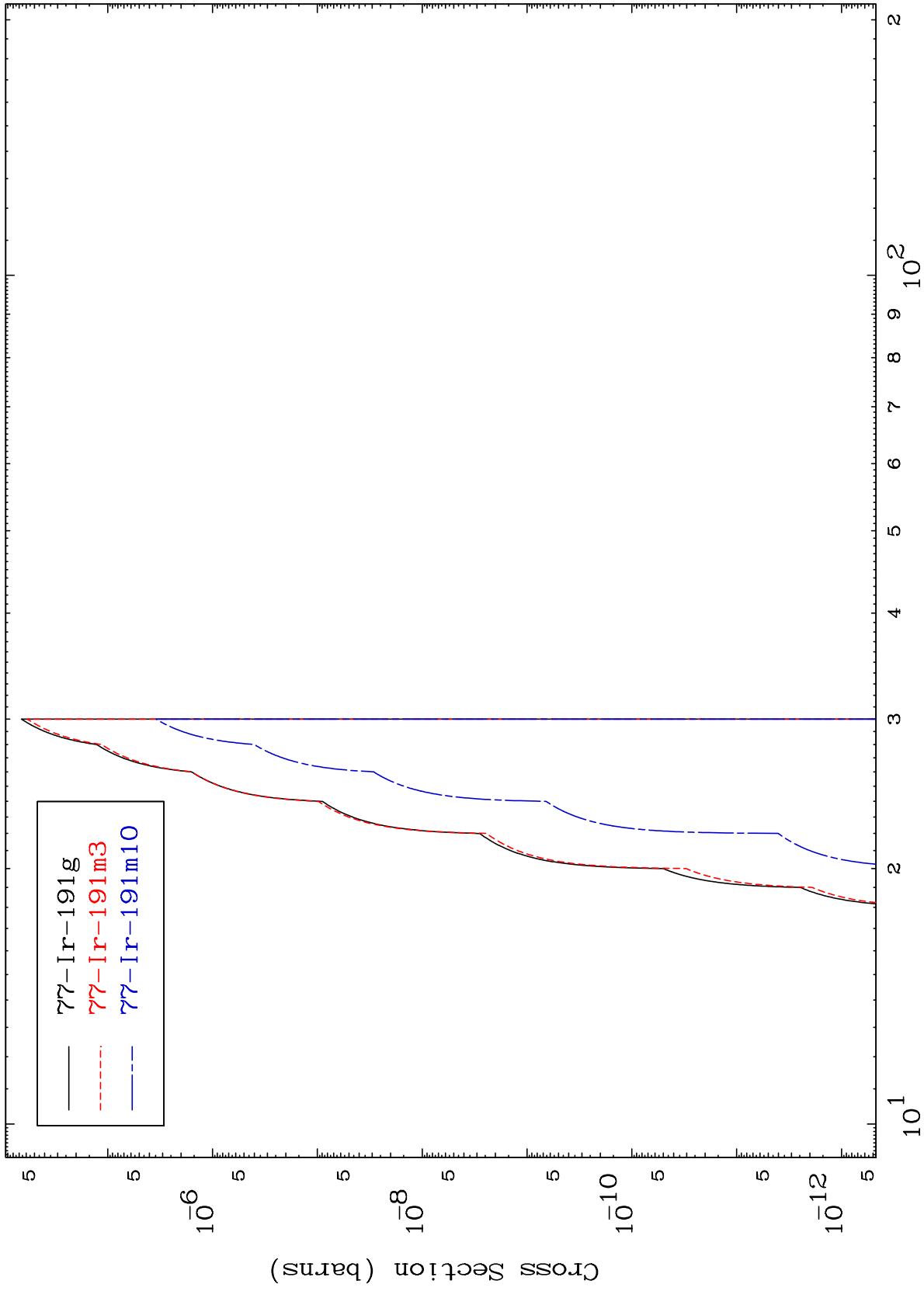
78-Pt-196

MAT 7843

(d,3n)  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



77-Ir-191g  
77-Ir-191m3  
77-Ir-191m10

78-Pt-196

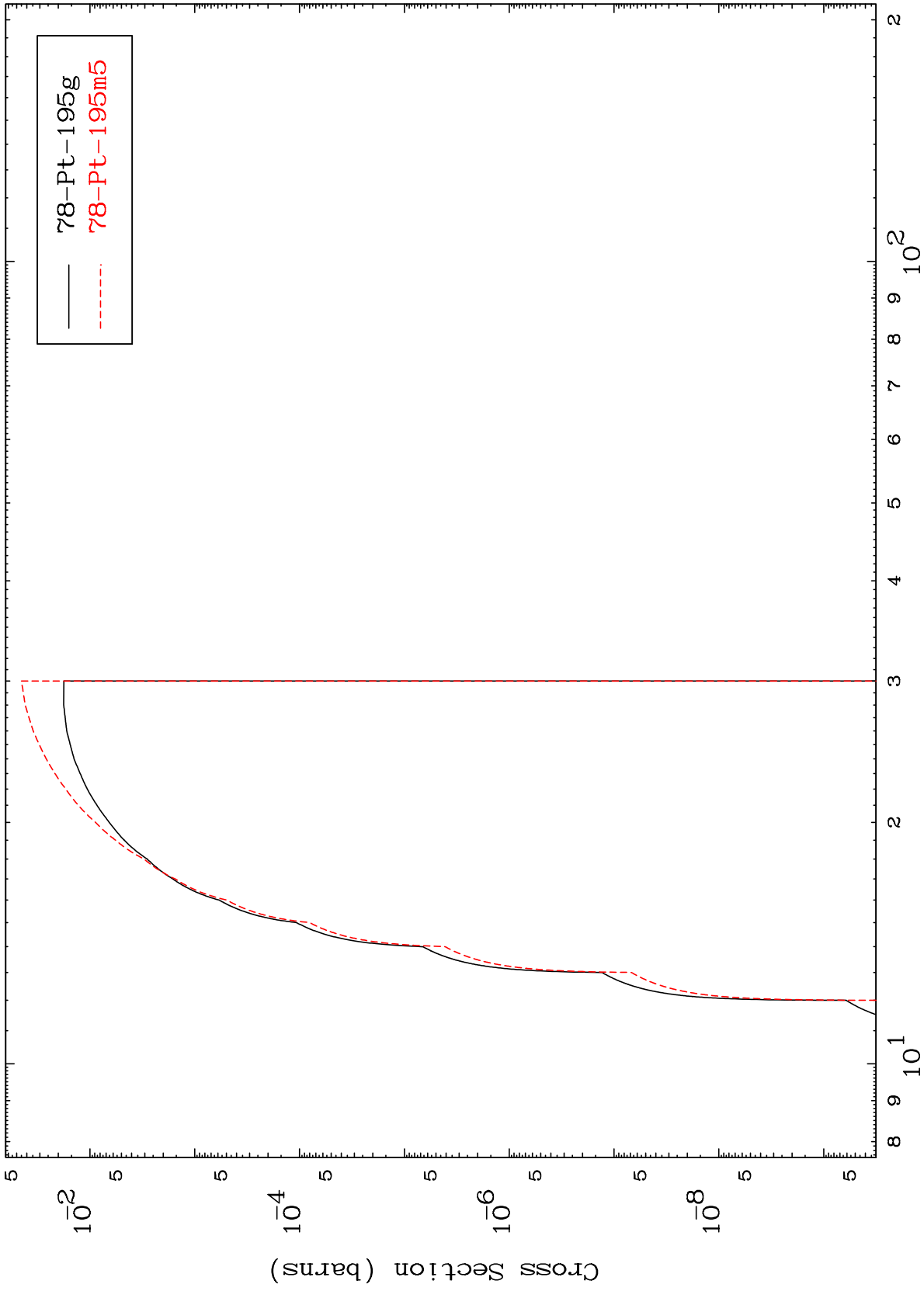
78-Pt-196

MAT 7843

(d,n') d

78-Pt-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

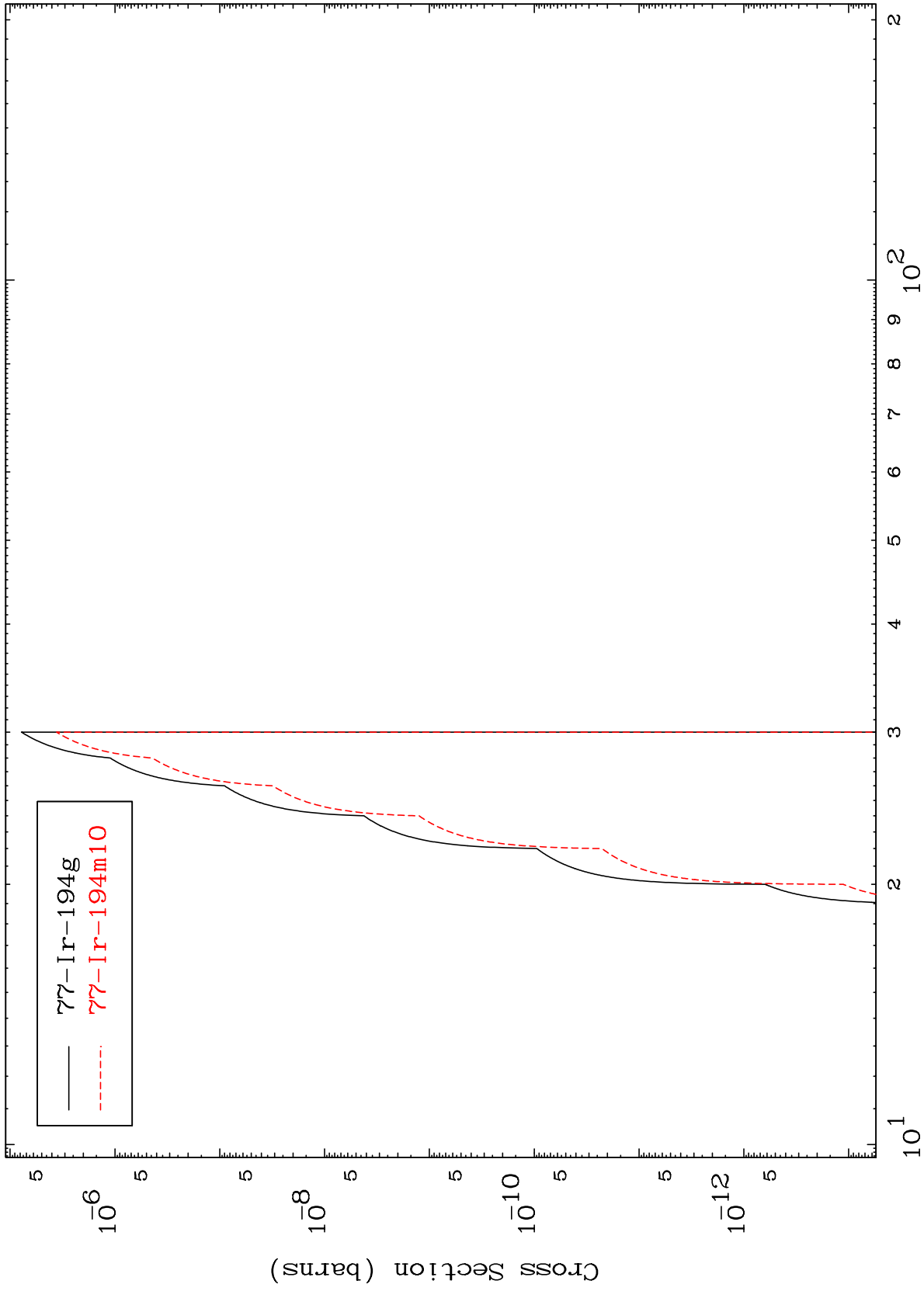
78-Pt-196

MAT 7843

(d,n') He-3

78-Pt-196

Radionuclide Production Cross Section



Incident Energy (MeV)

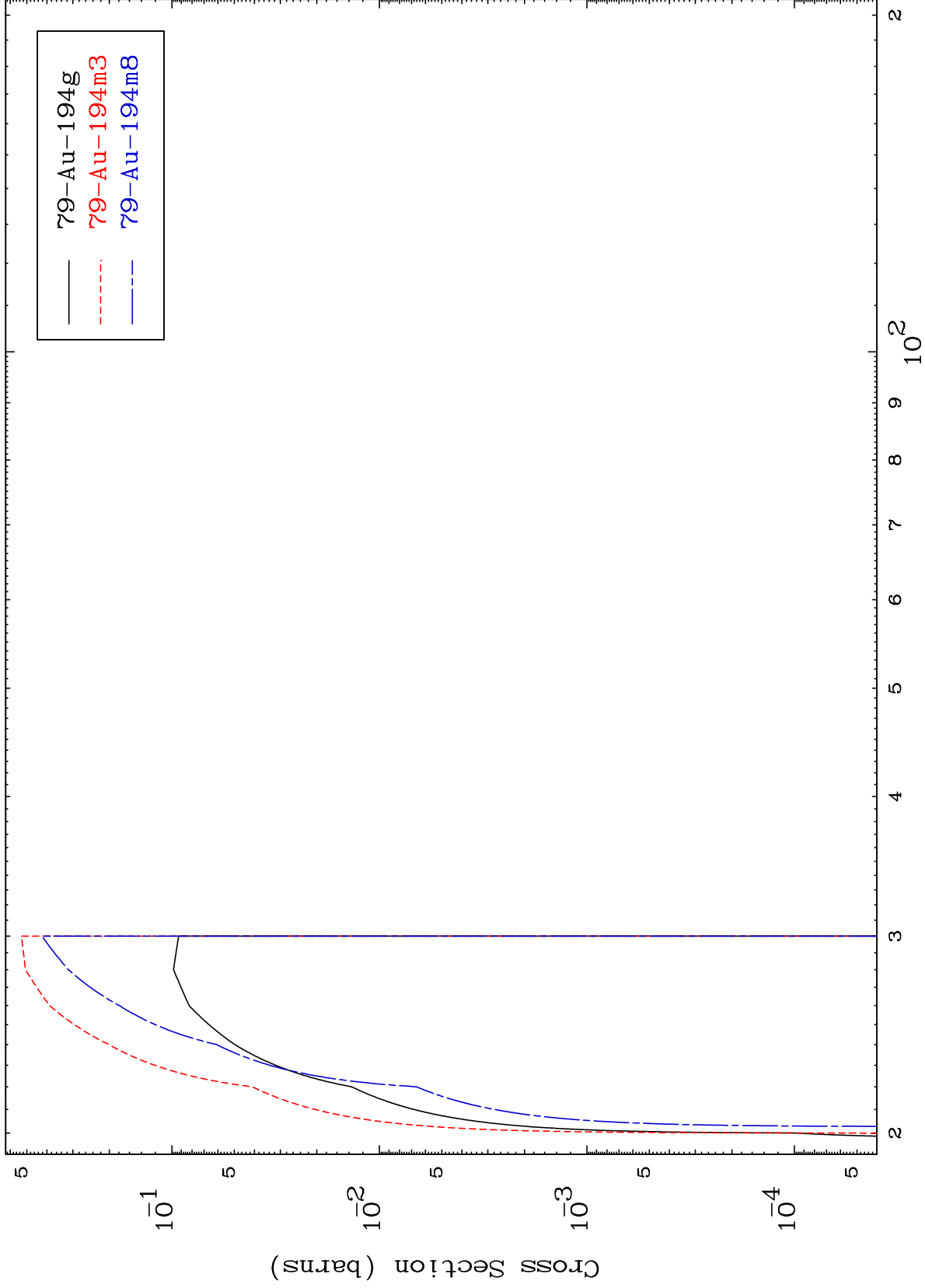
78-Pt-196

MAT 7843

(d,4n)

78-Pt-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

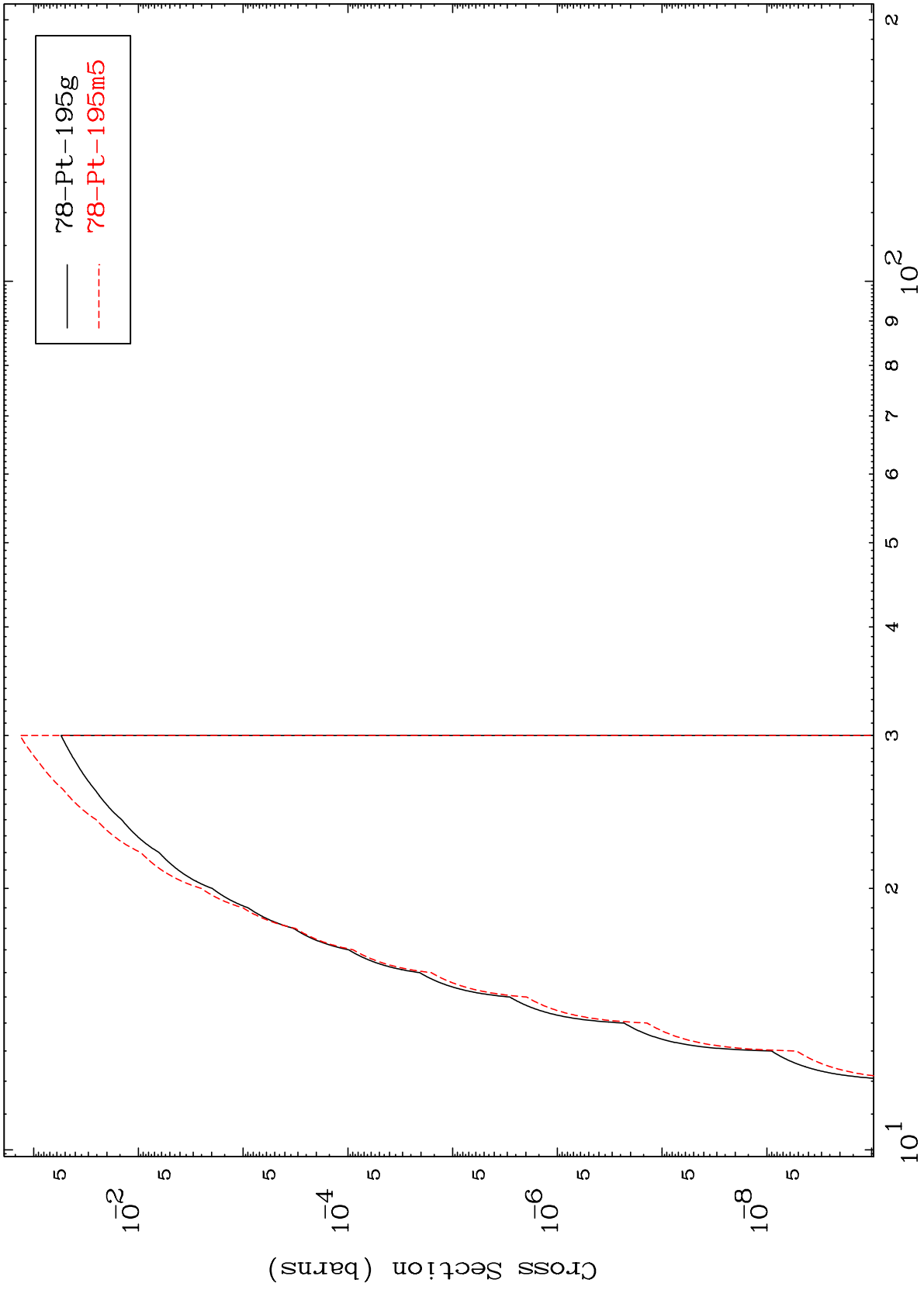
78-Pt-196

MAT 7843

(d,2n) p

78-Pt-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

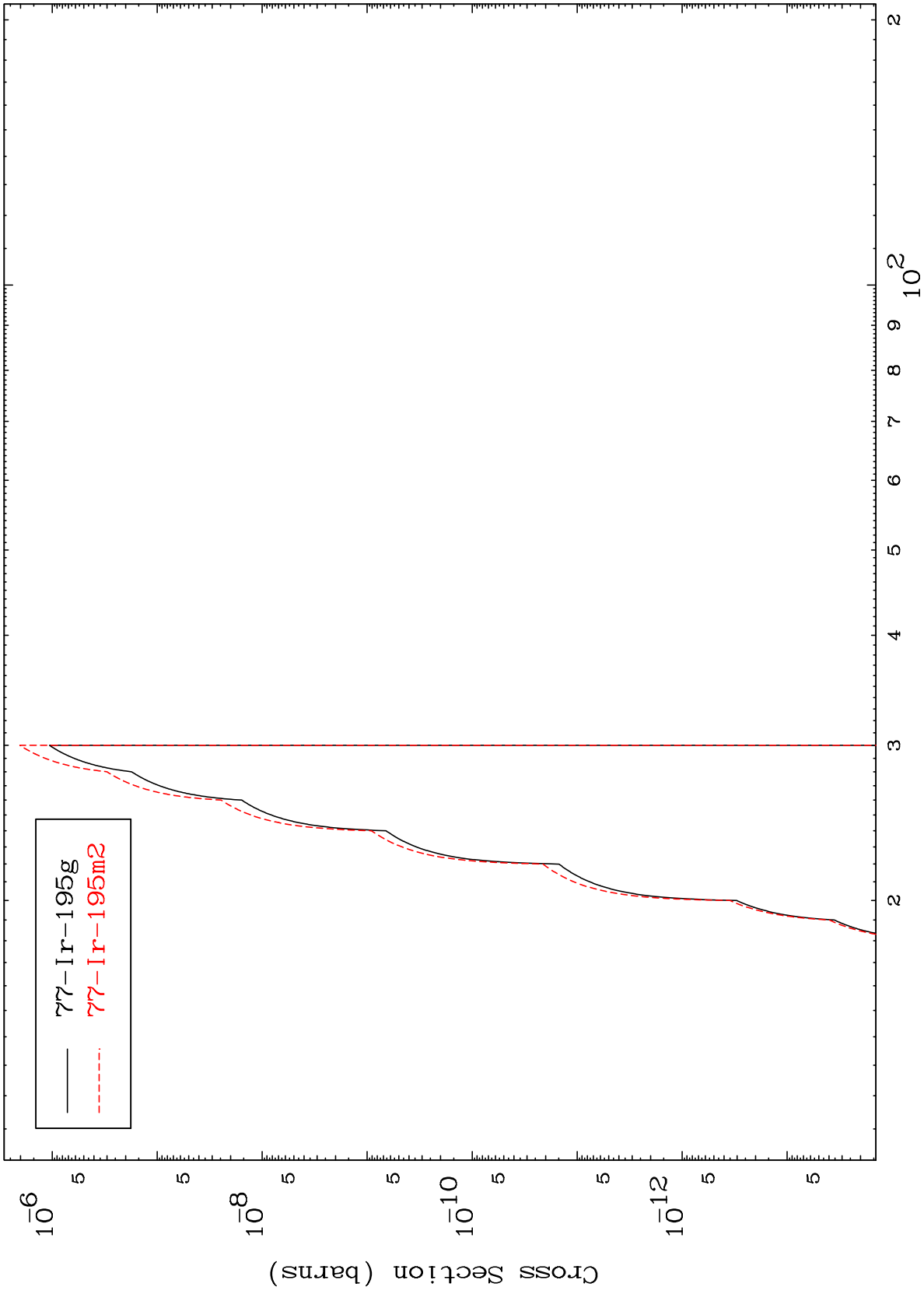
78-Pt-196

MAT 7843

(d,2n) p

78-Pt-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

78-Pt-196

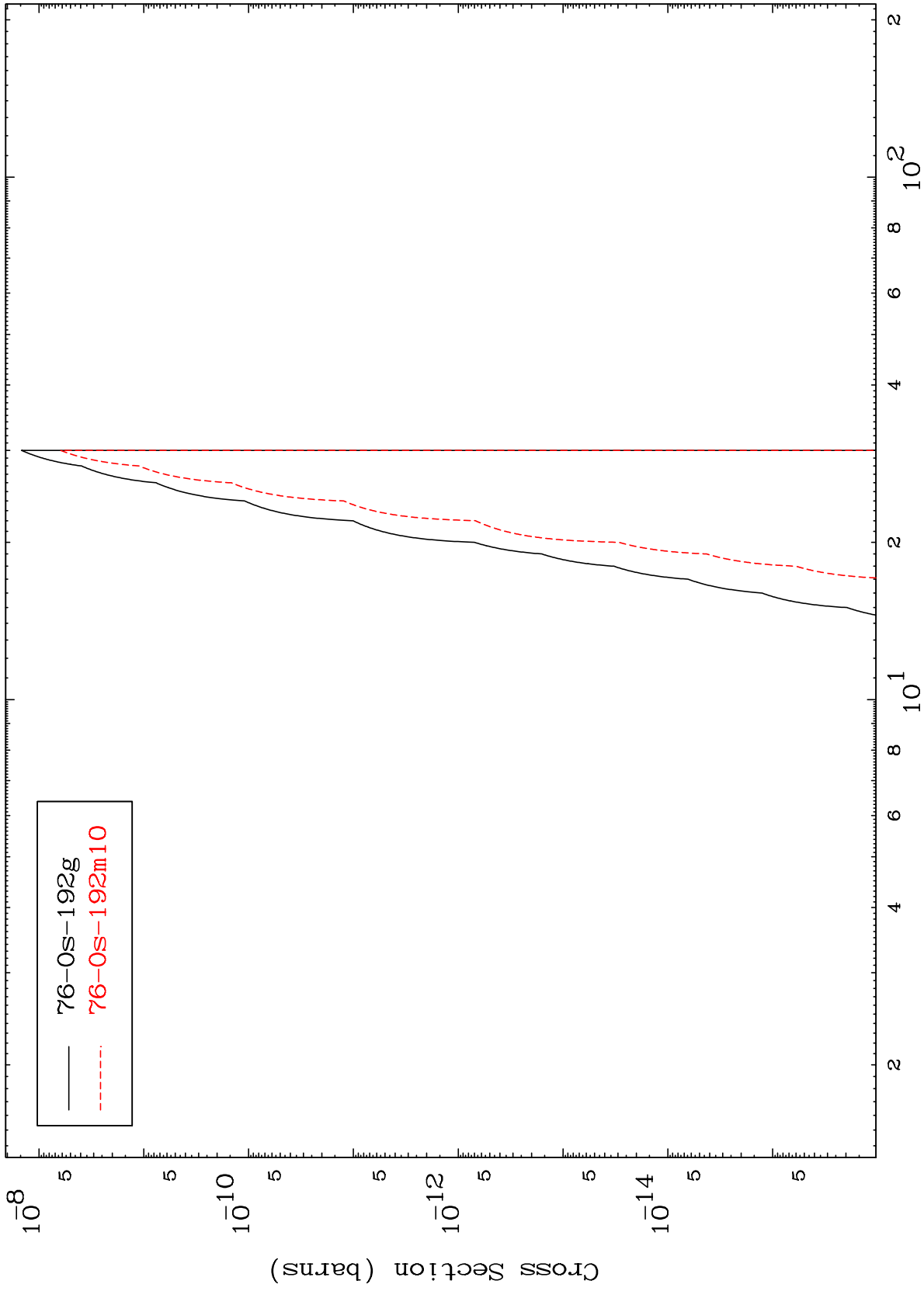


MAT 7843

(d,n') p  $\alpha$

78-Pt-196

Radionuclide Production Cross Section



24

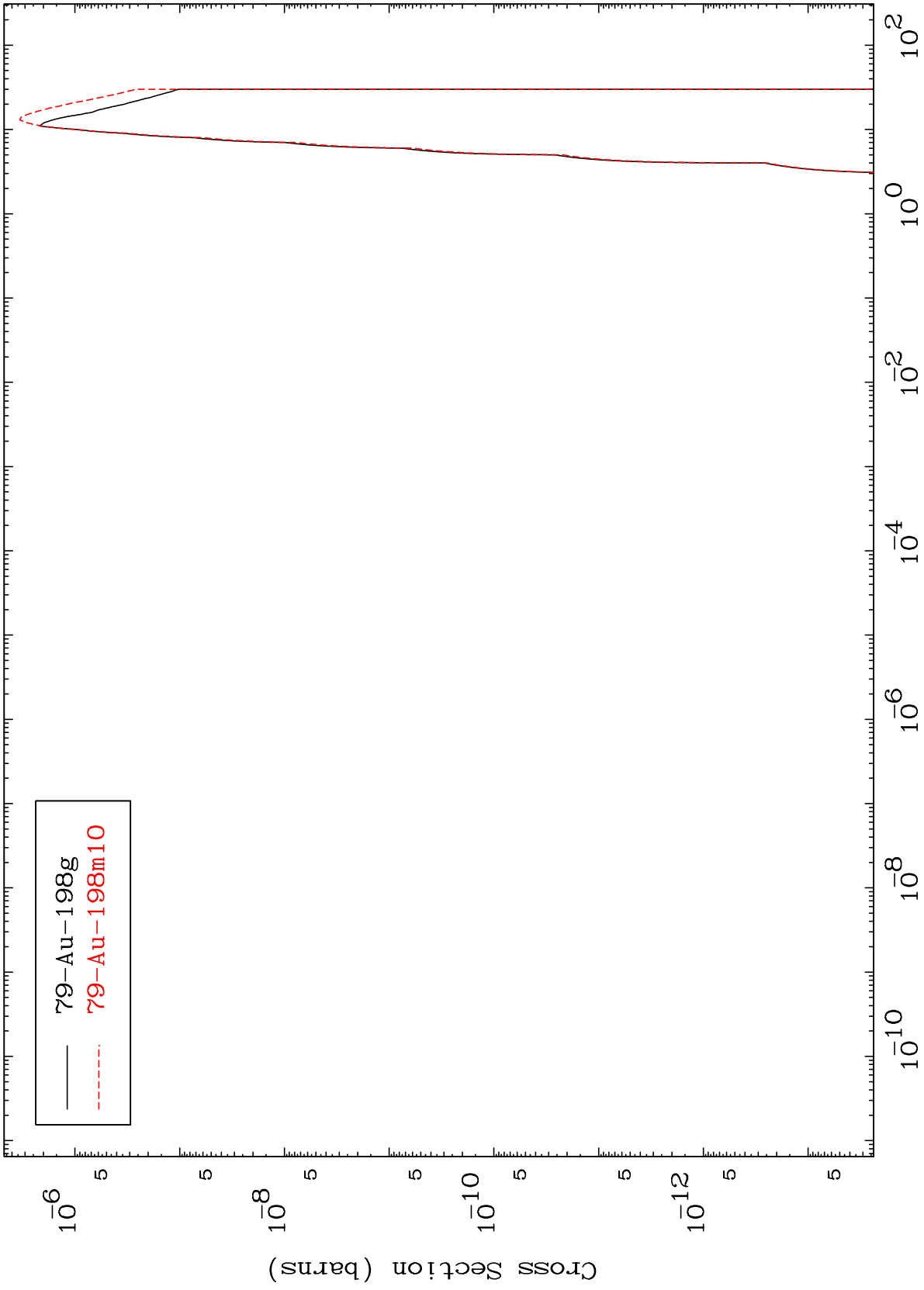
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,γ)  
Radionuclide Production Cross Section

78-Pt-196



25

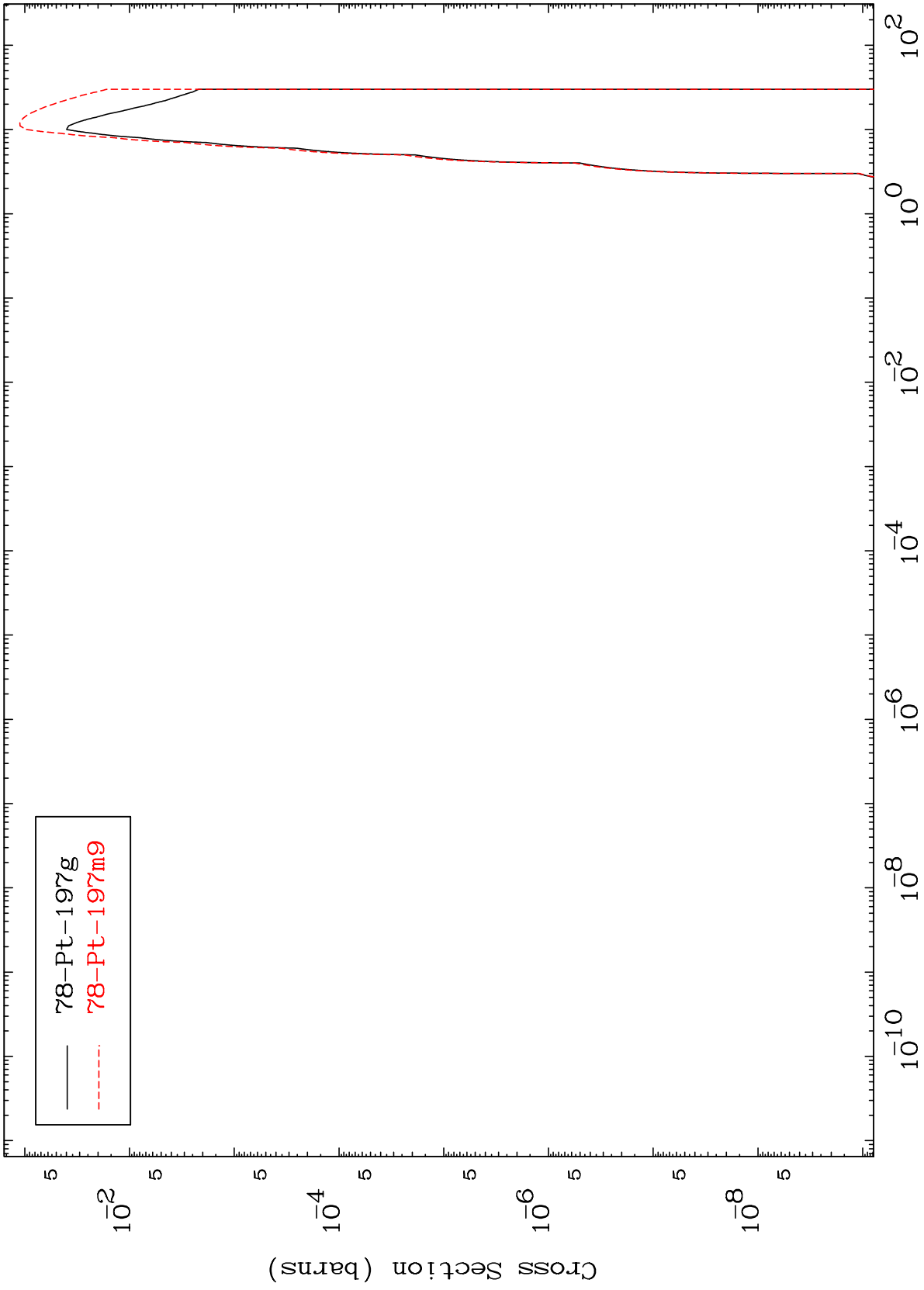
Incident Energy (MeV)

78-Pt-196

MAT 7843

(d,p)  
Radionuclide Production Cross Section

<sup>78</sup>Pt-196

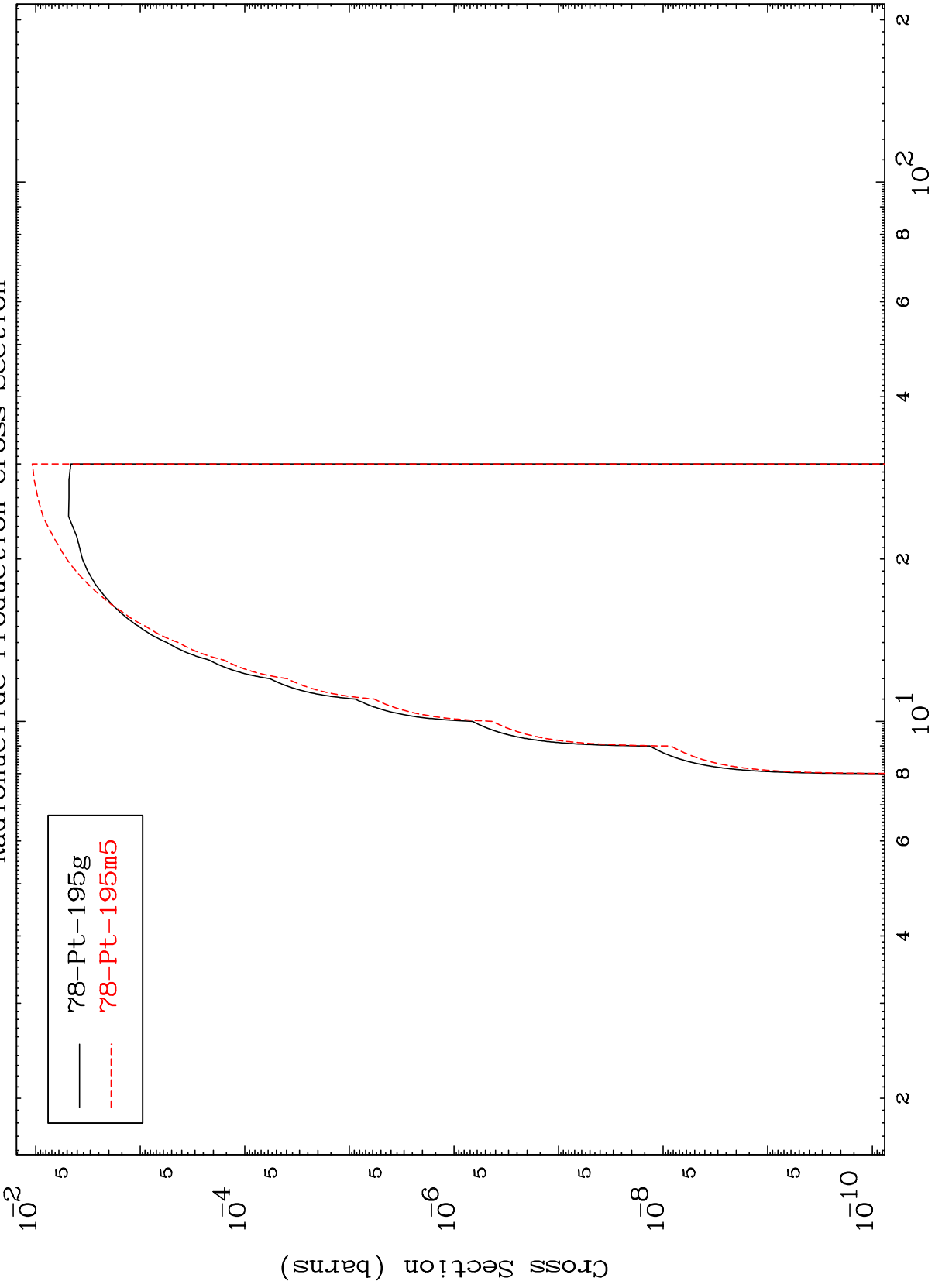


<sup>78</sup>Pt-196

MAT 7843

(d,t)  
Radionuclide Production Cross Section

78-Pt-196



27

Incident Energy (MeV)

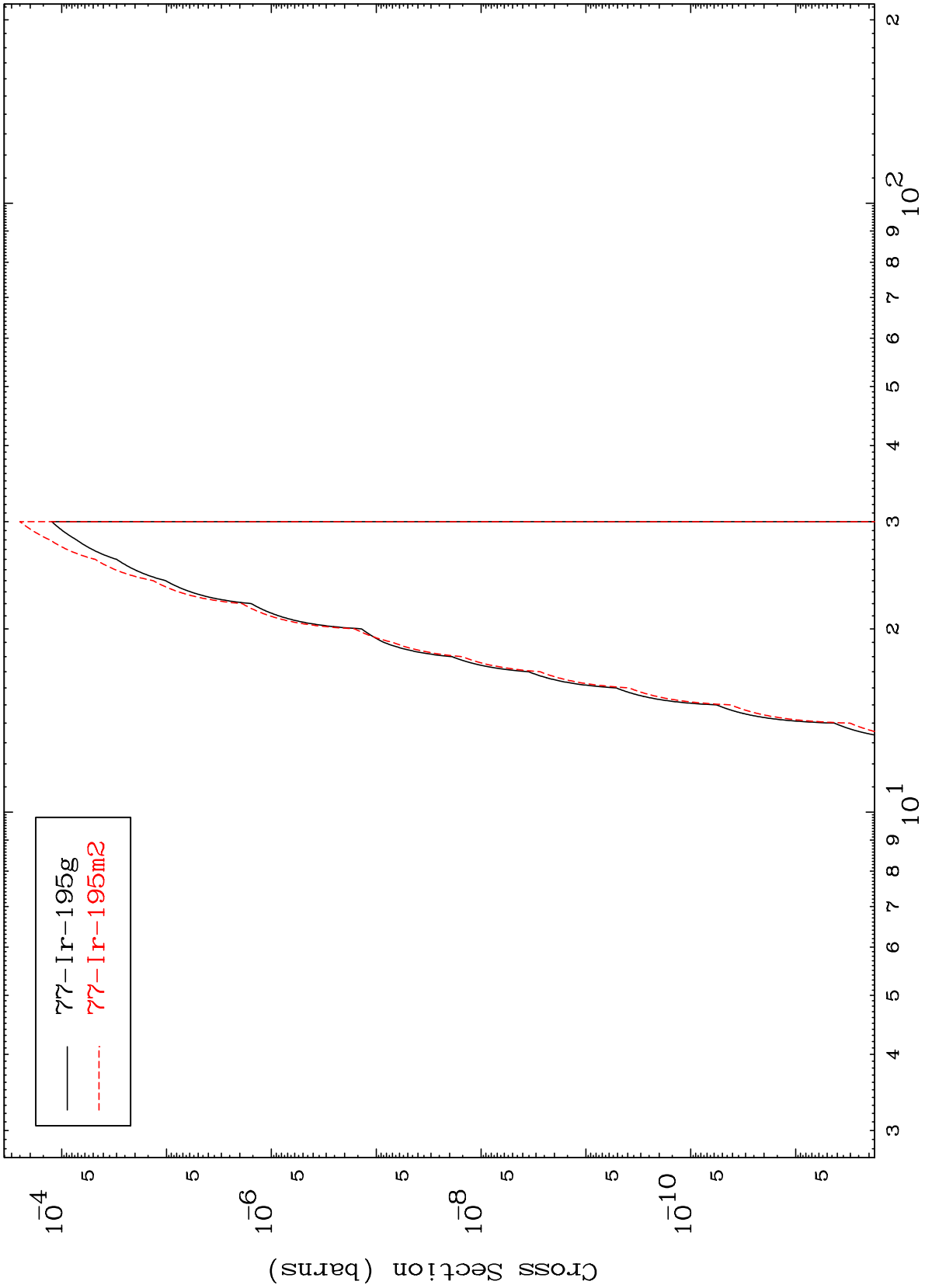
78-Pt-196

MAT 7843

(d, He-3)

78-Pt-196

Radionuclide Production Cross Section



28

Incident Energy (MeV)

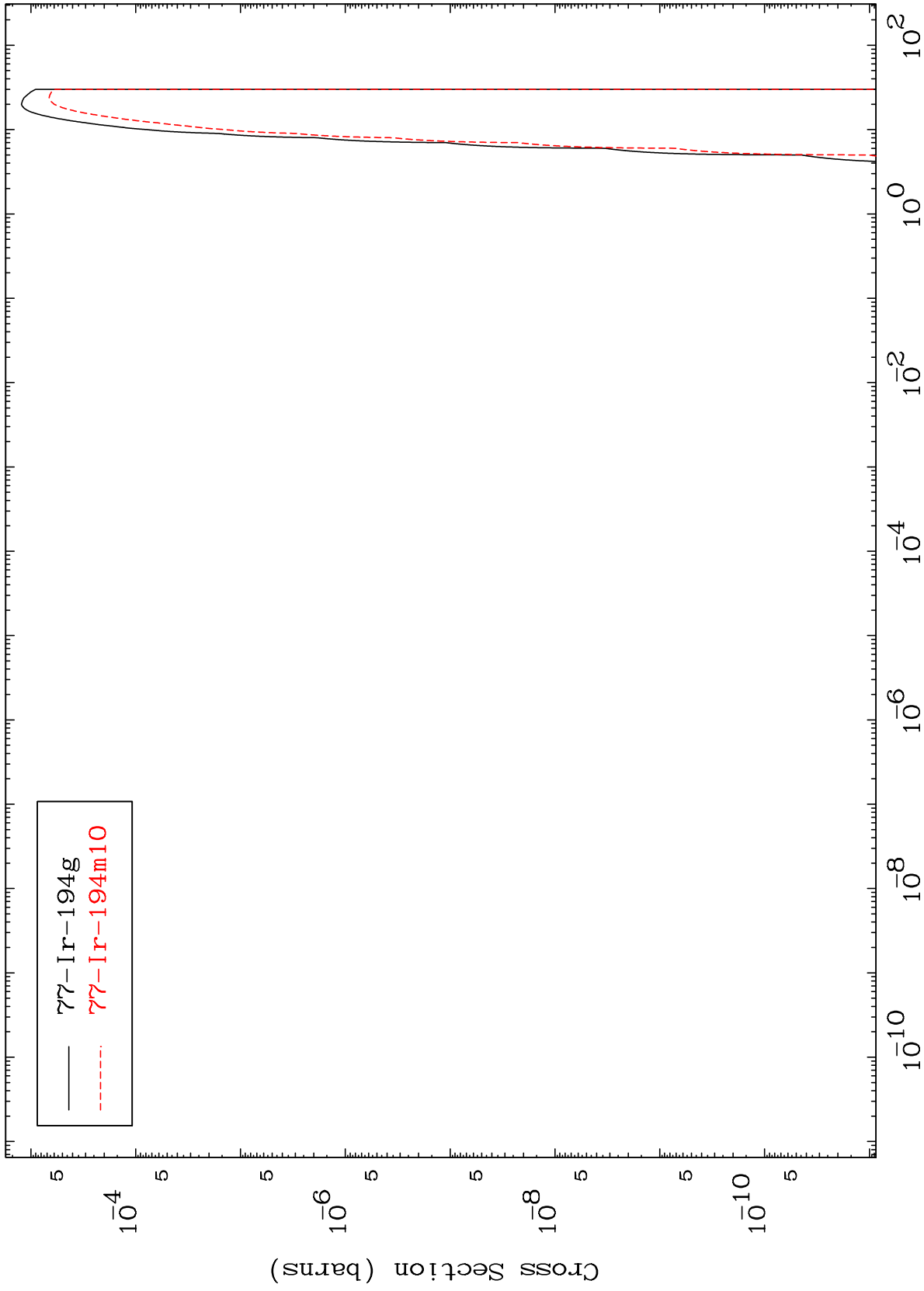
78-Pt-196

MAT 7843

(d,  $\alpha$ )

78-Pt-196

Radionuclide Production Cross Section



29

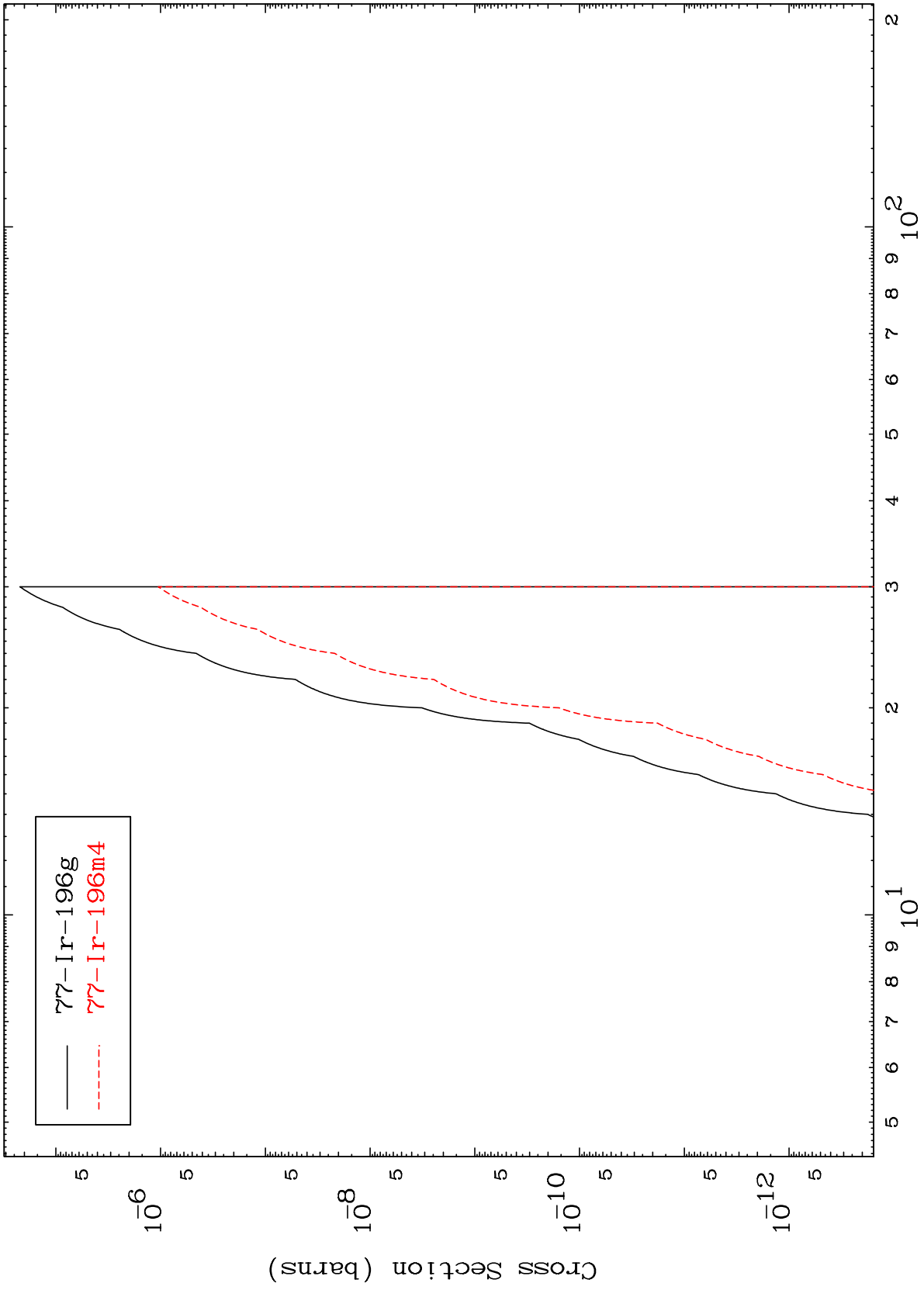
Incident Energy (MeV)

78-Pt-196

MAT 7843

Radionuclide Production Cross Section  
(d,2p)

<sup>78</sup>Pt-196



30

Incident Energy (MeV)

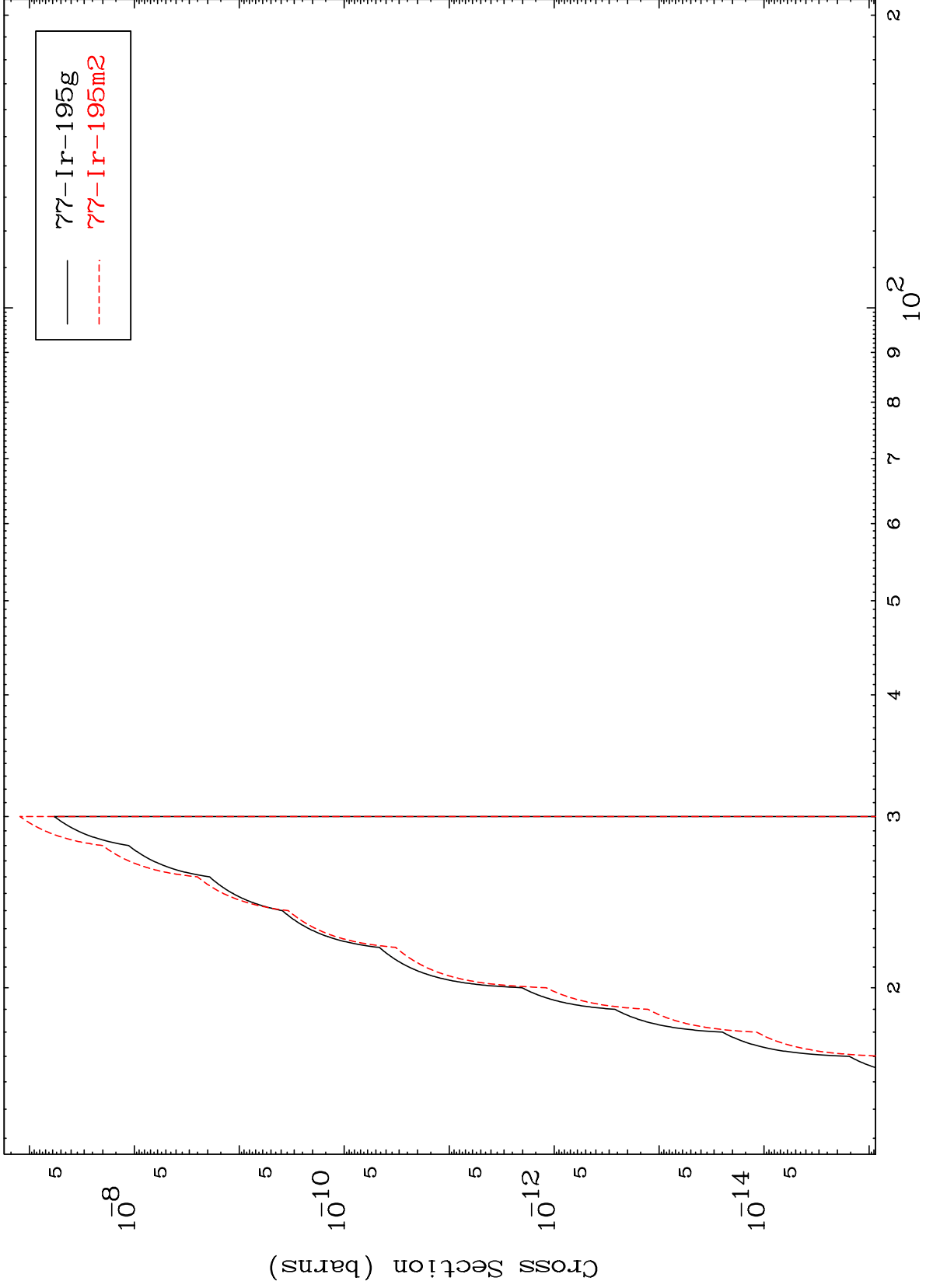
<sup>78</sup>Pt-196

MAT 7843

(d,p) d

78-Pt-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

78-Pt-196

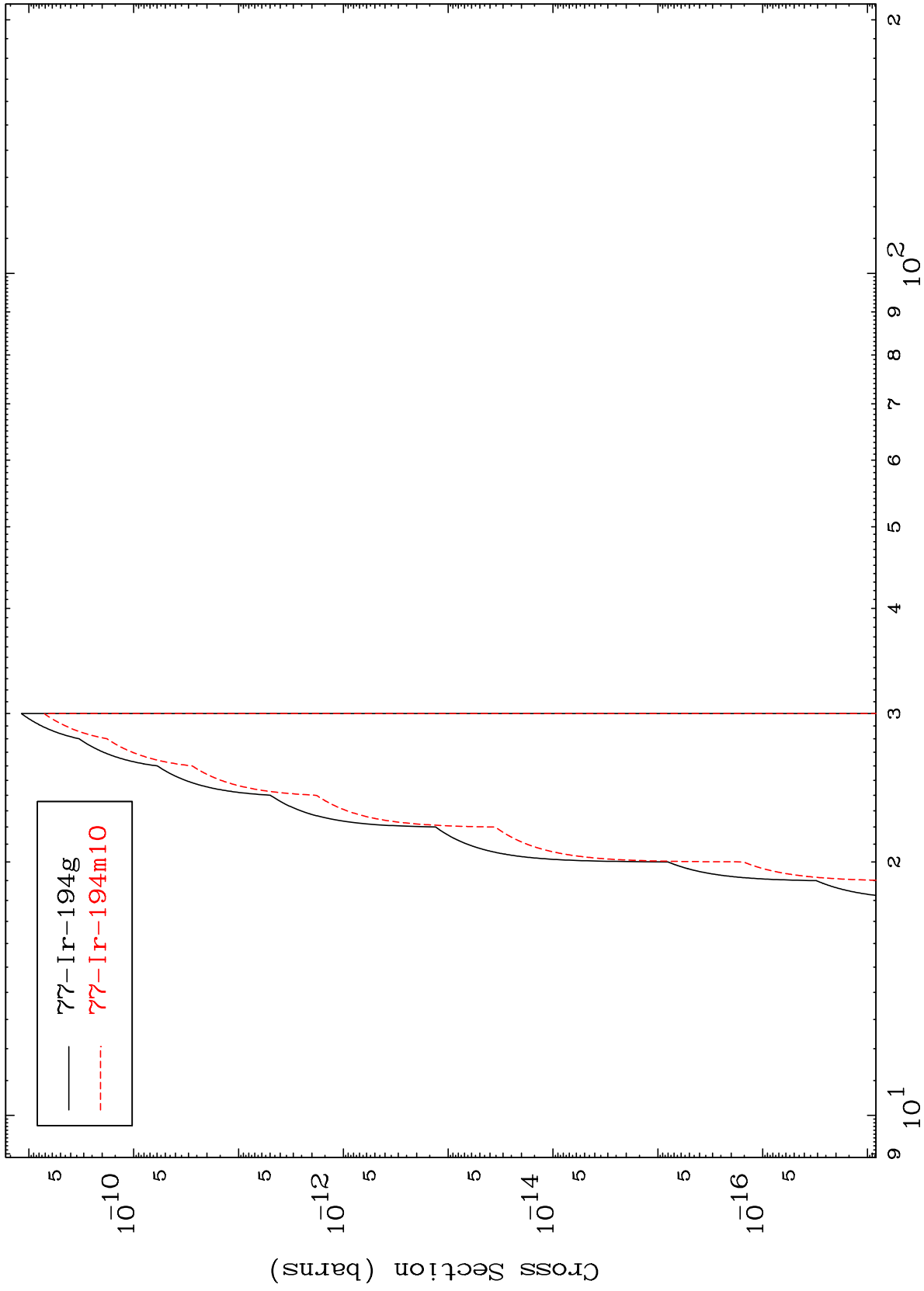


MAT 7843

(d,p) t

78-Pt-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

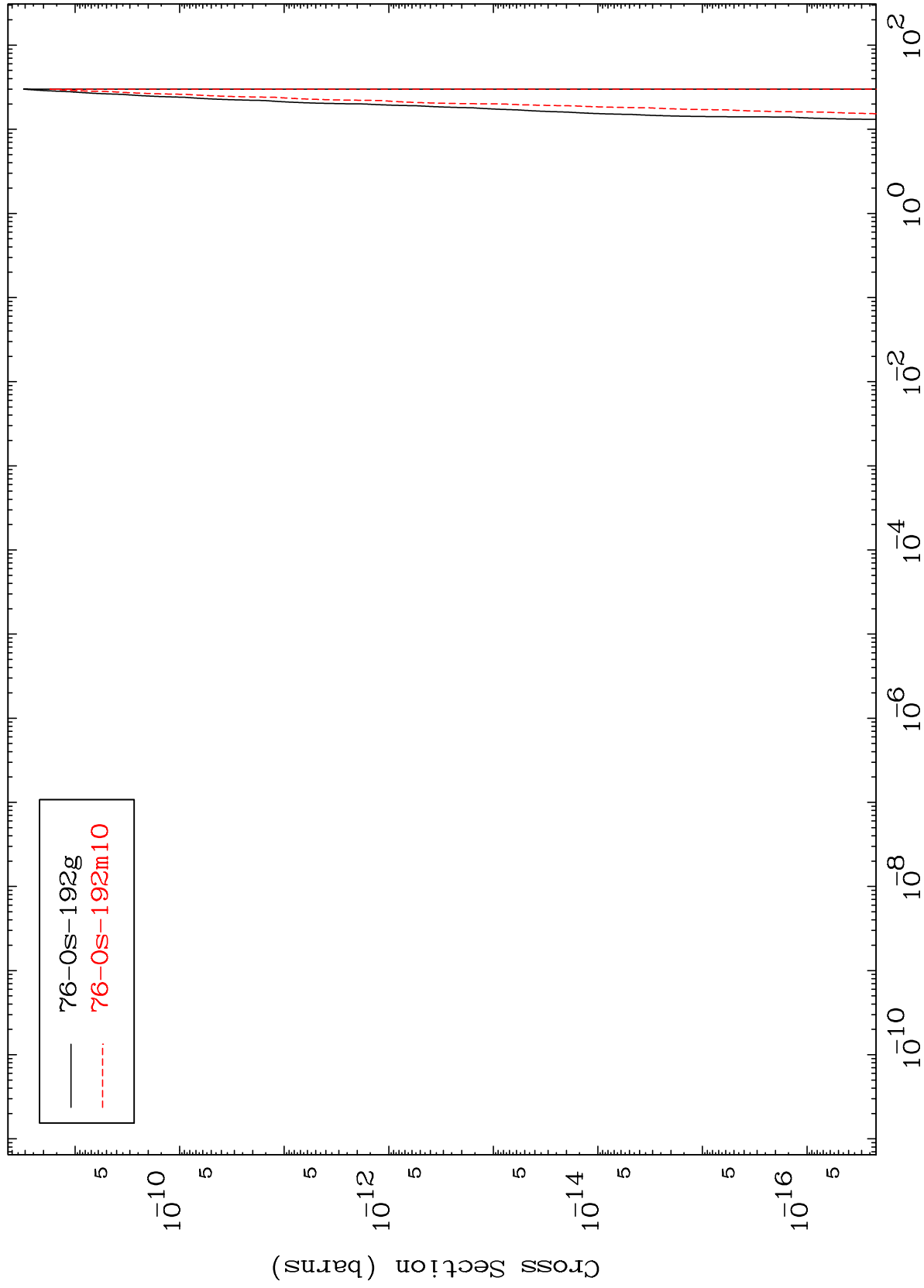
78-Pt-196

MAT 7843

(d,d)  $\alpha$

78-Pt-196

### Radionuclide Production Cross Section



33

Incident Energy (MeV)

78-Pt-196