

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

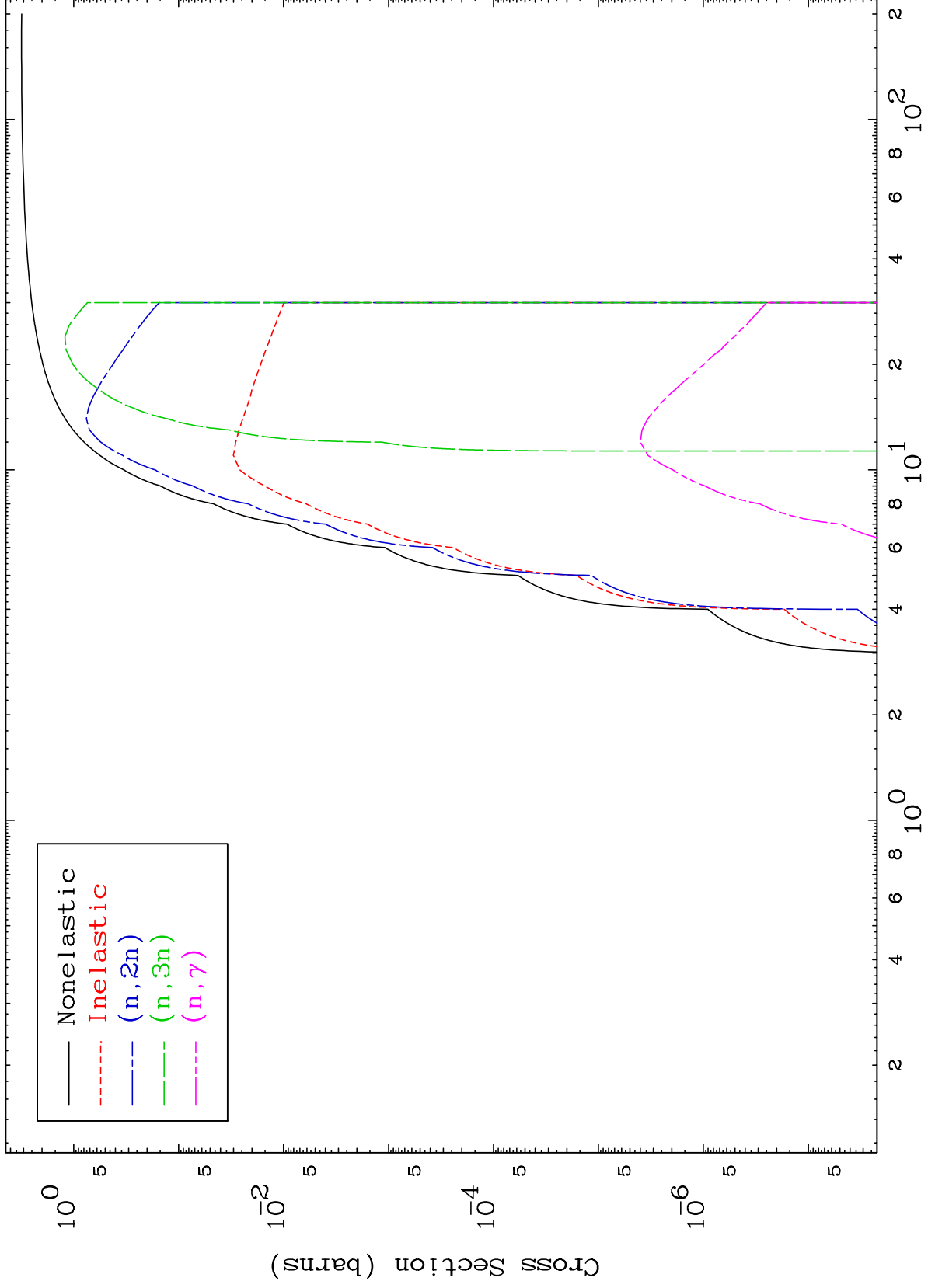
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Livermore, CA 94550  
U.S.A.

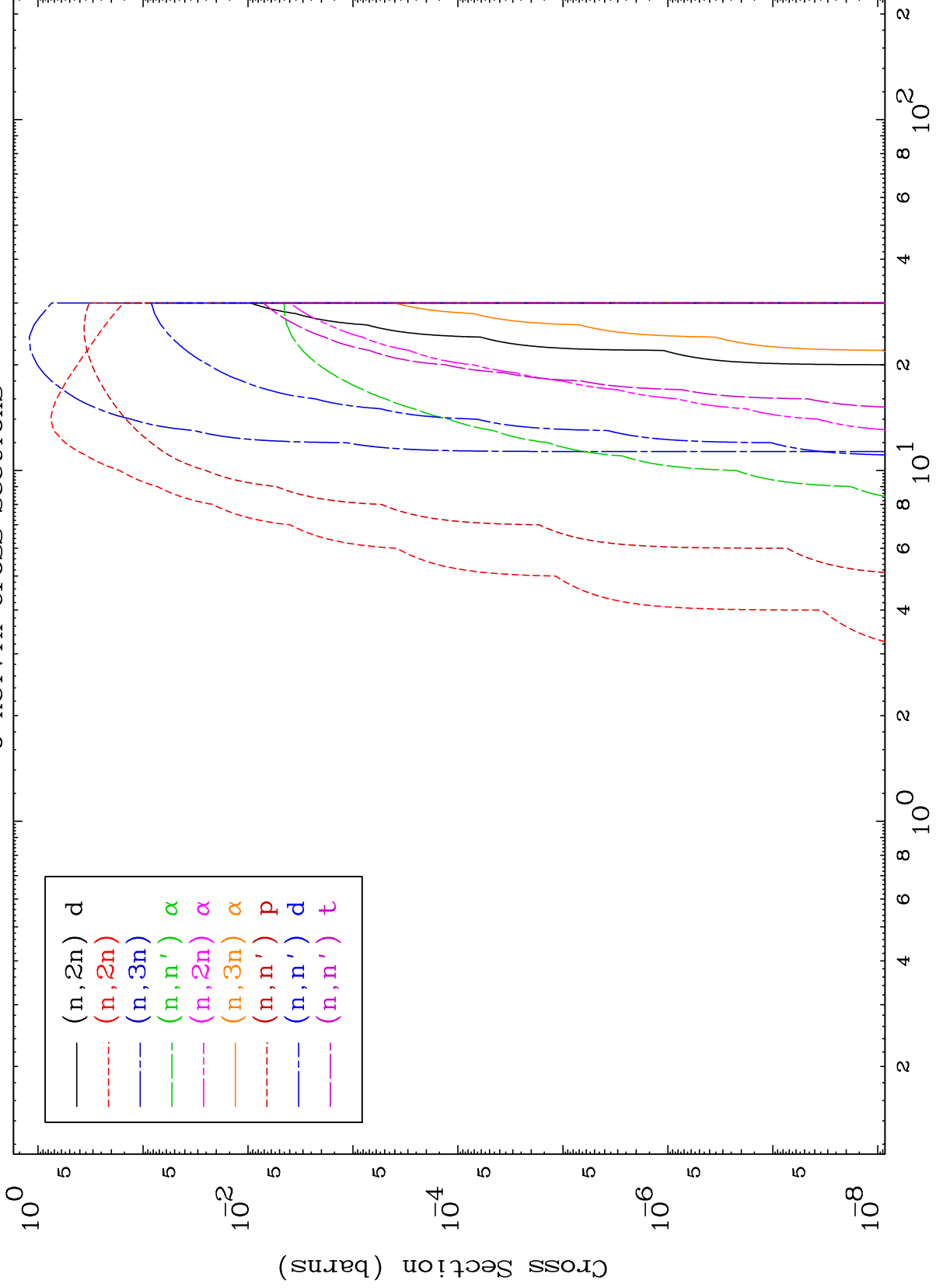
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

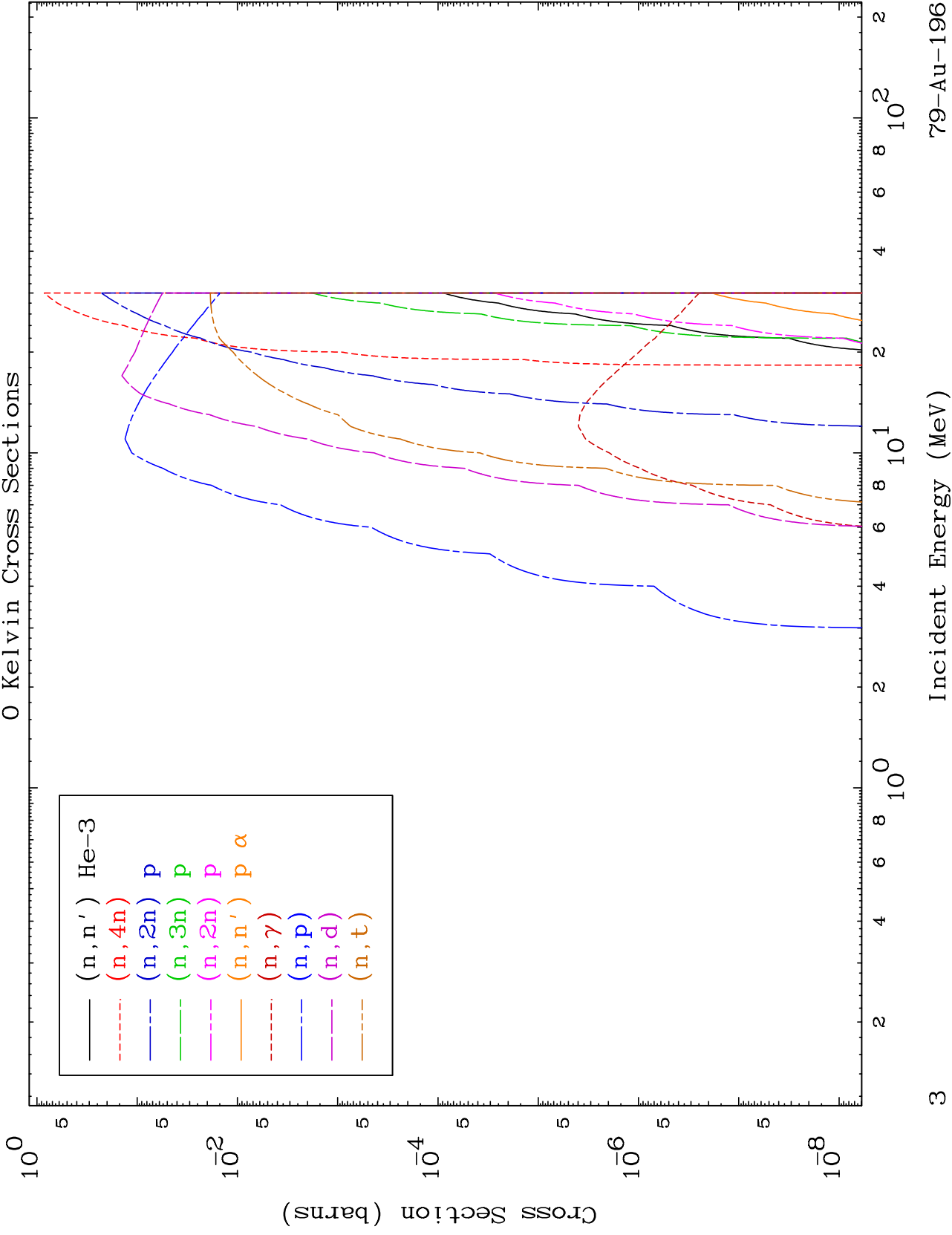


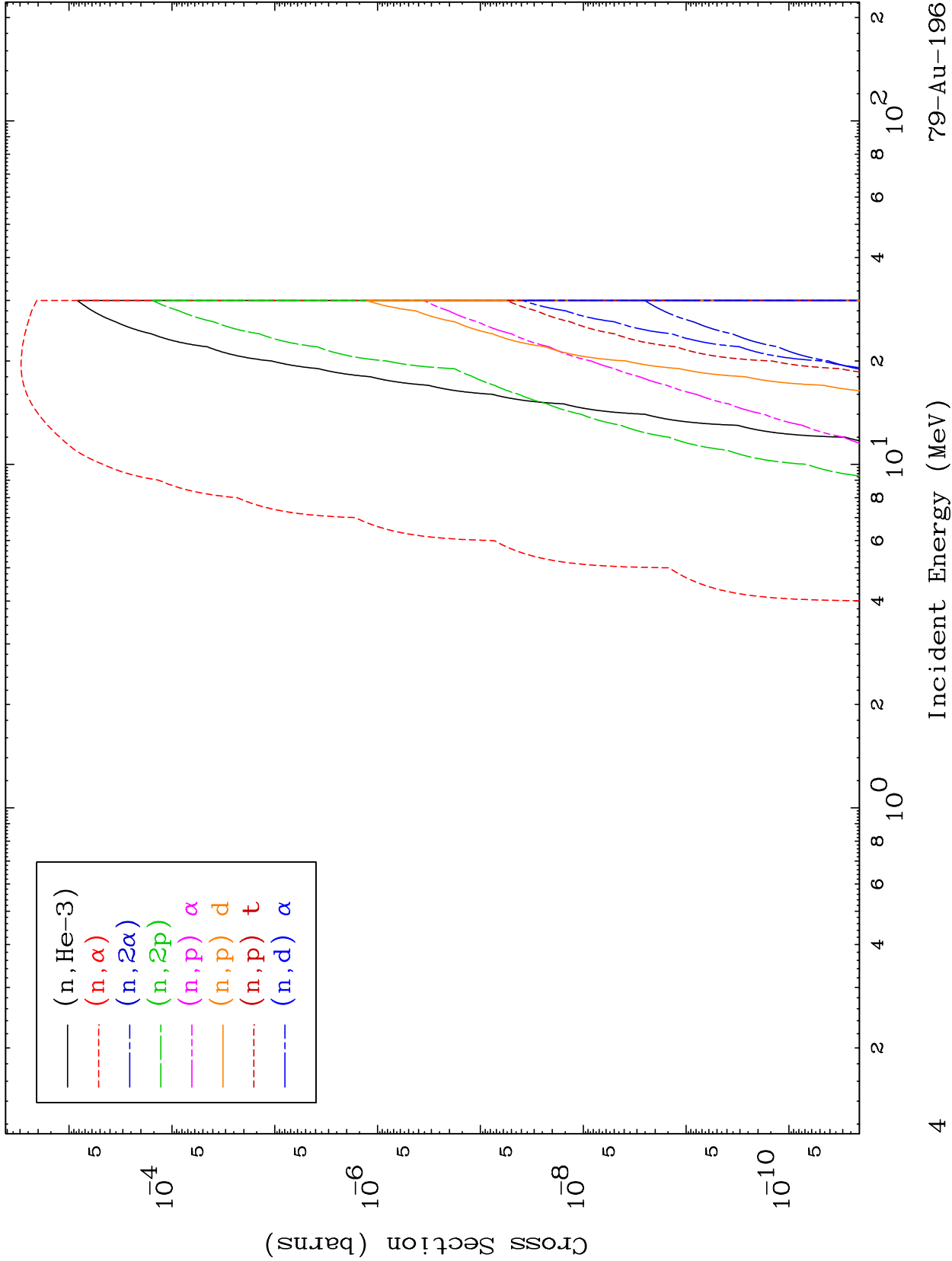


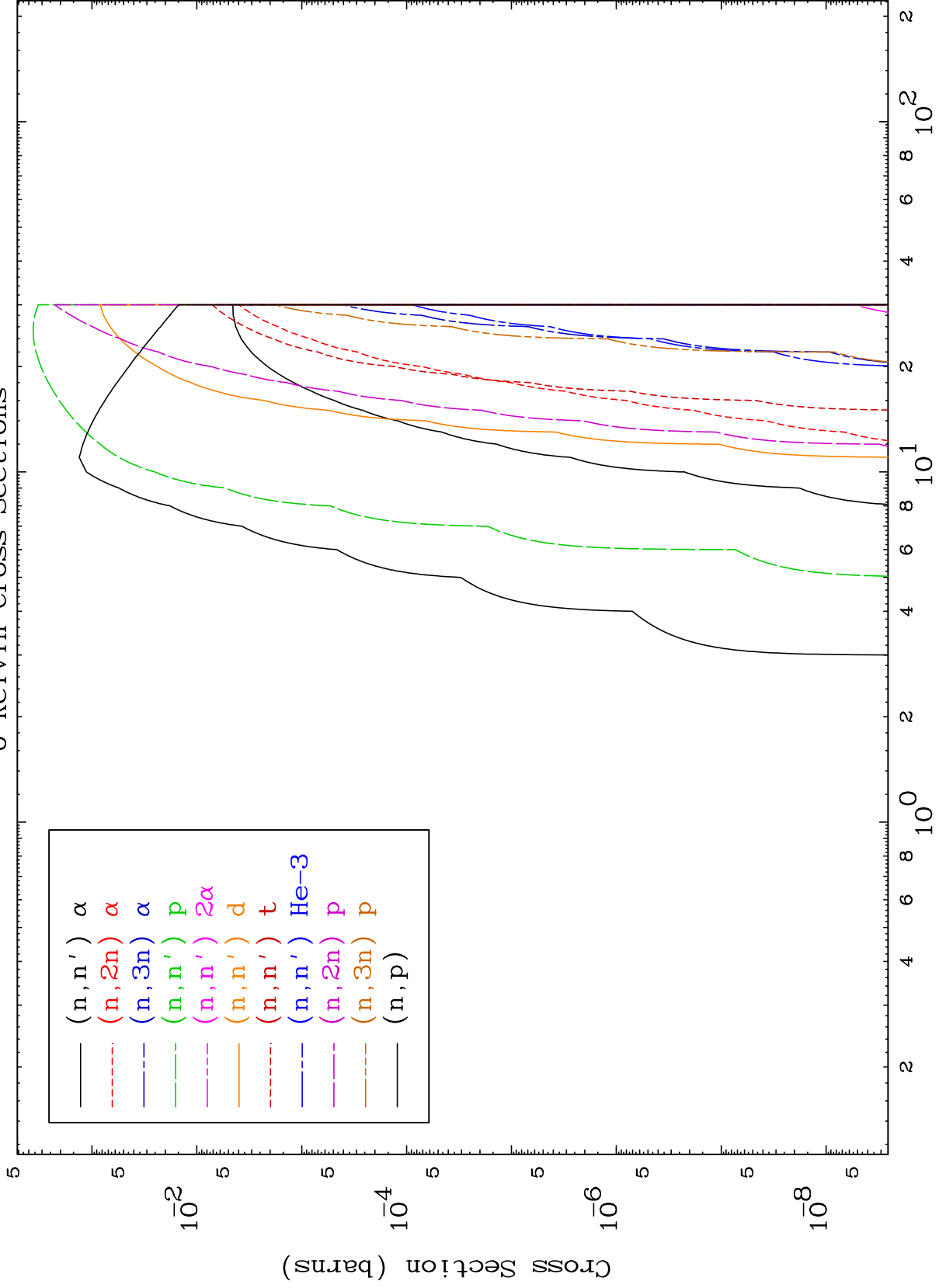
MAT 7922

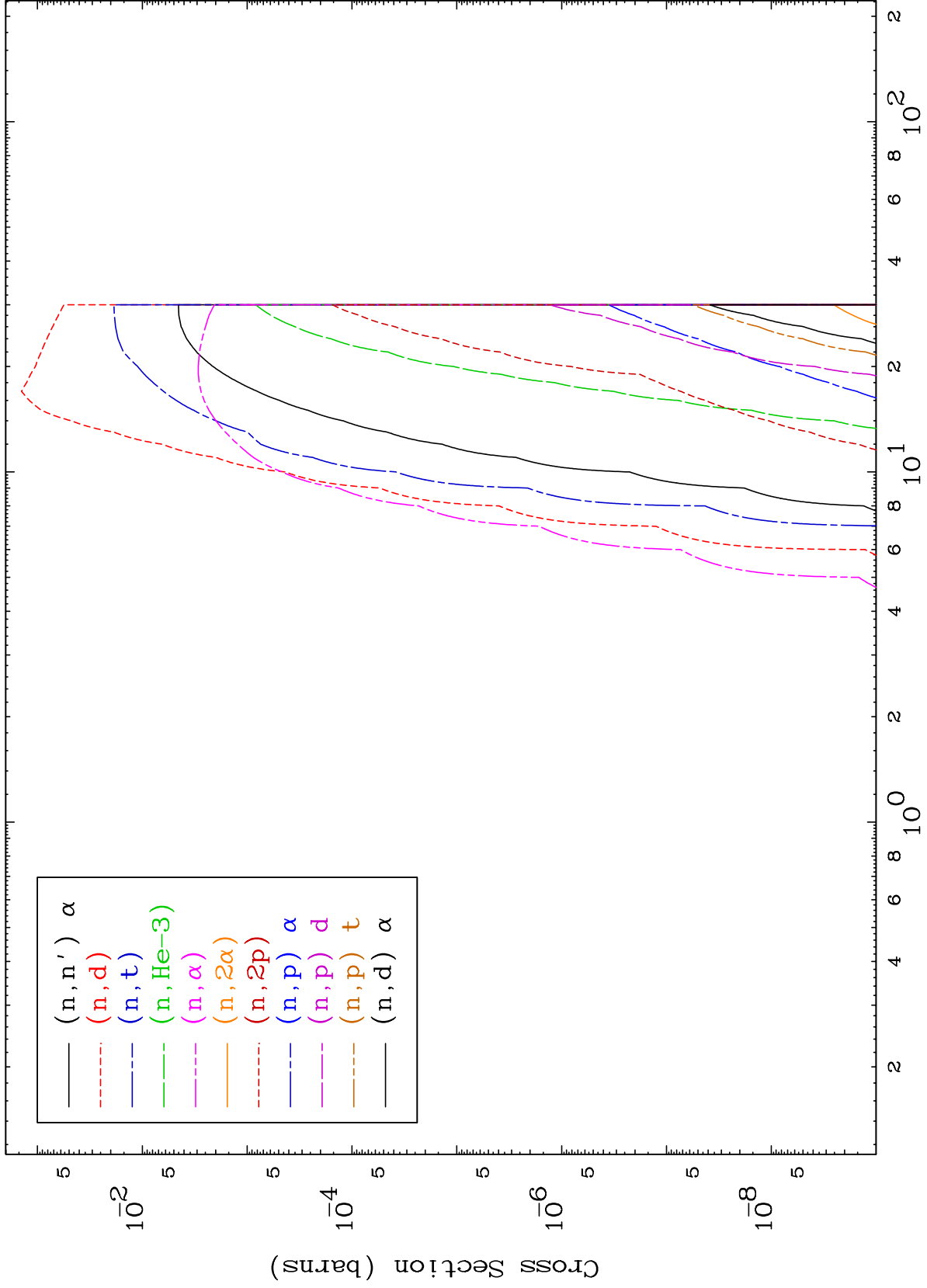
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

79-Au-196







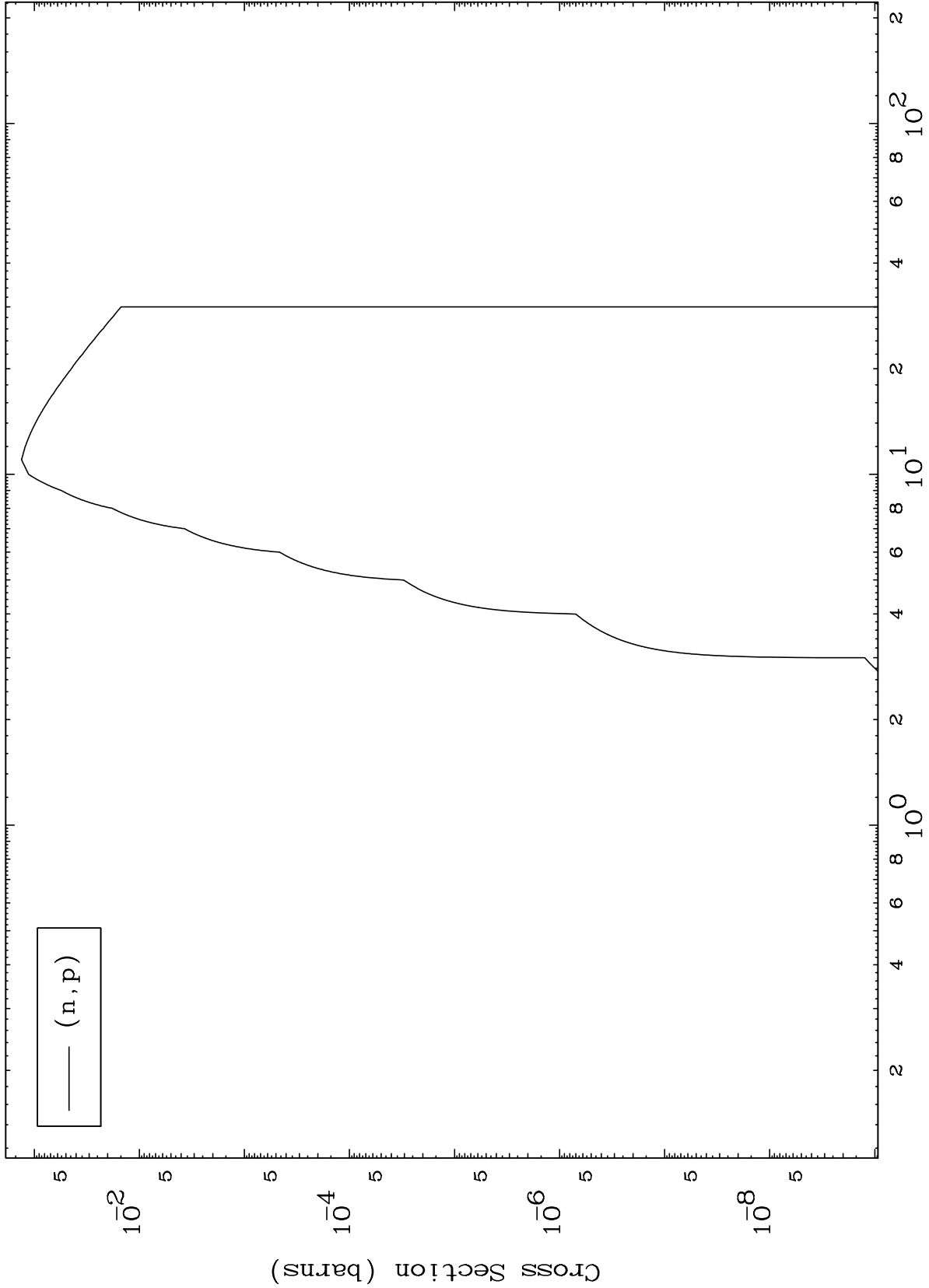


MAT 7922

(d,p) Levels

79-Au-196

0 Kelvin Cross Sections



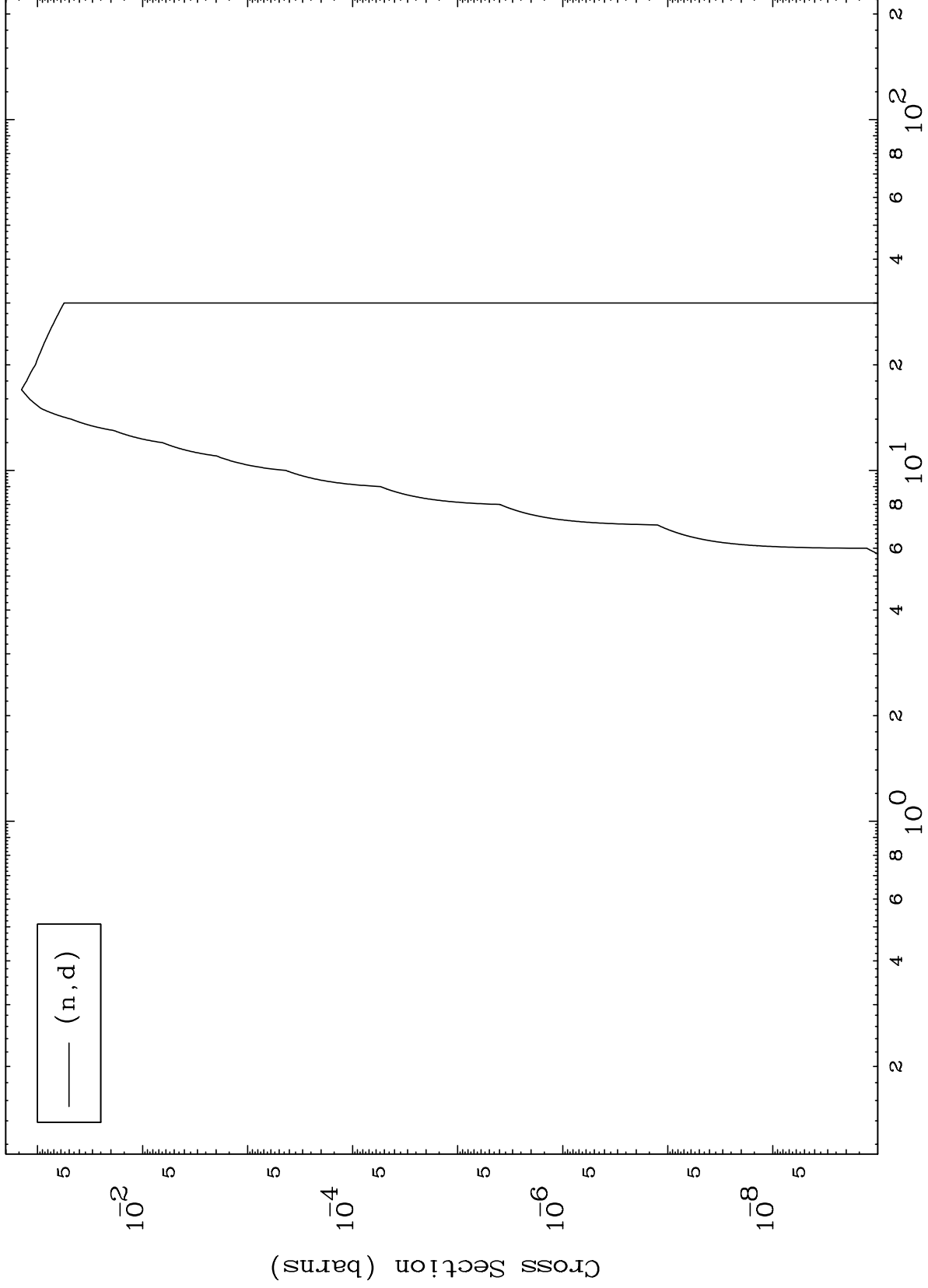


MAT 7922

(d,d) Levels

79-Au-196

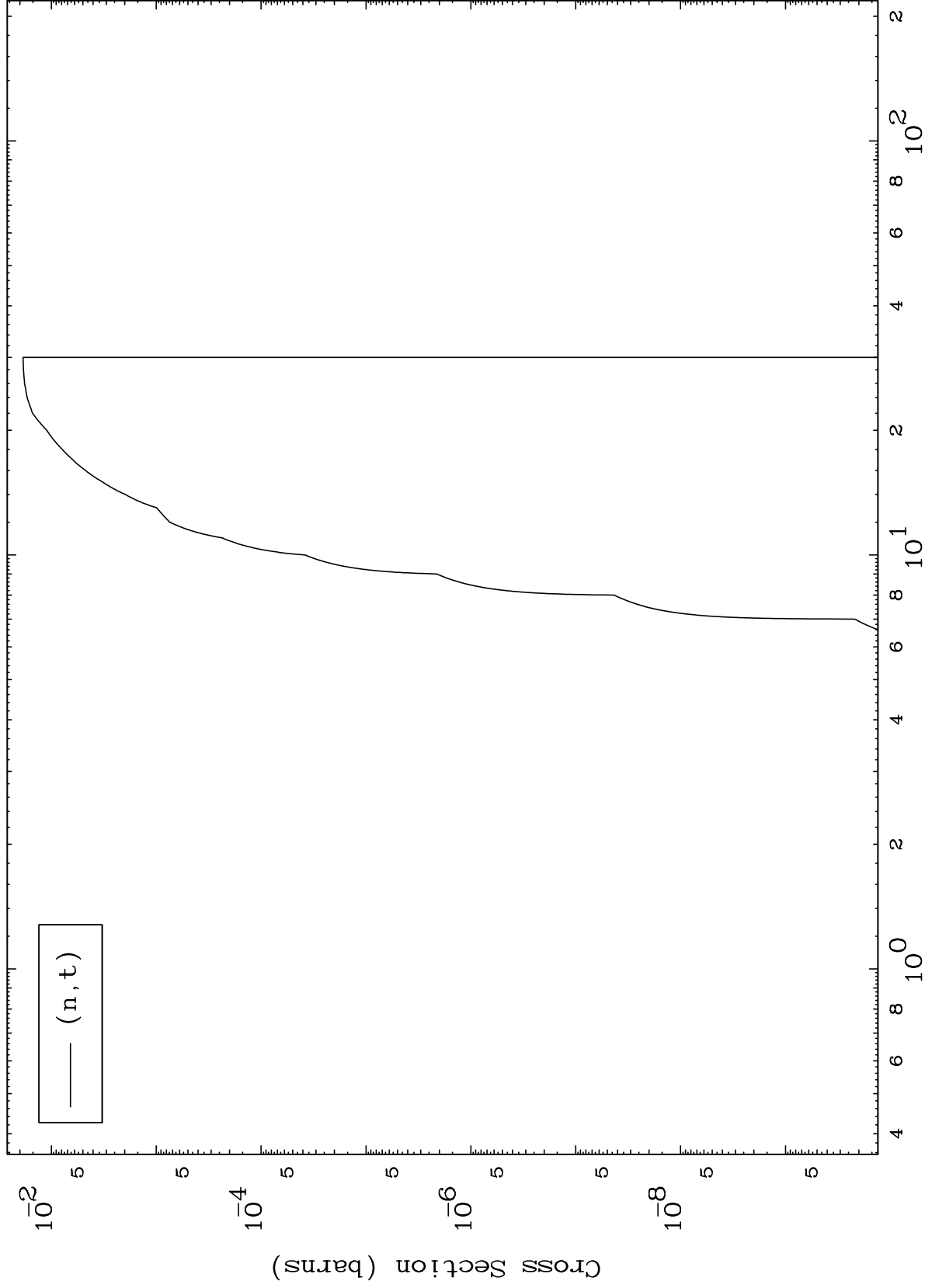
0 Kelvin Cross Sections



MAT 7922

79-Au-196

(d, t) Levels  
0 Kelvin Cross Sections



9

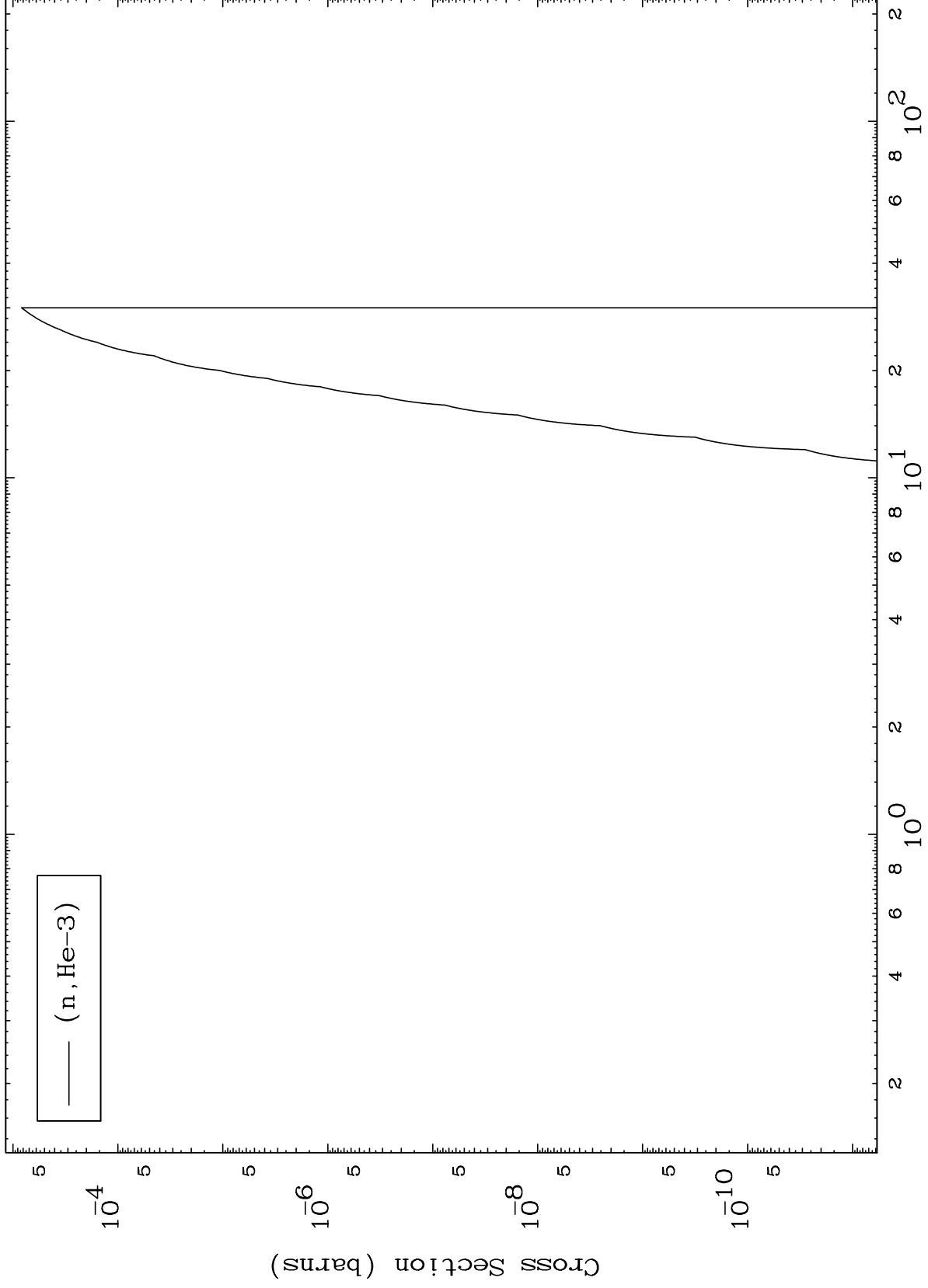
79-Au-196

MAT 7922

(d,He3) Levels

79-Au-196

0 Kelvin Cross Sections



10

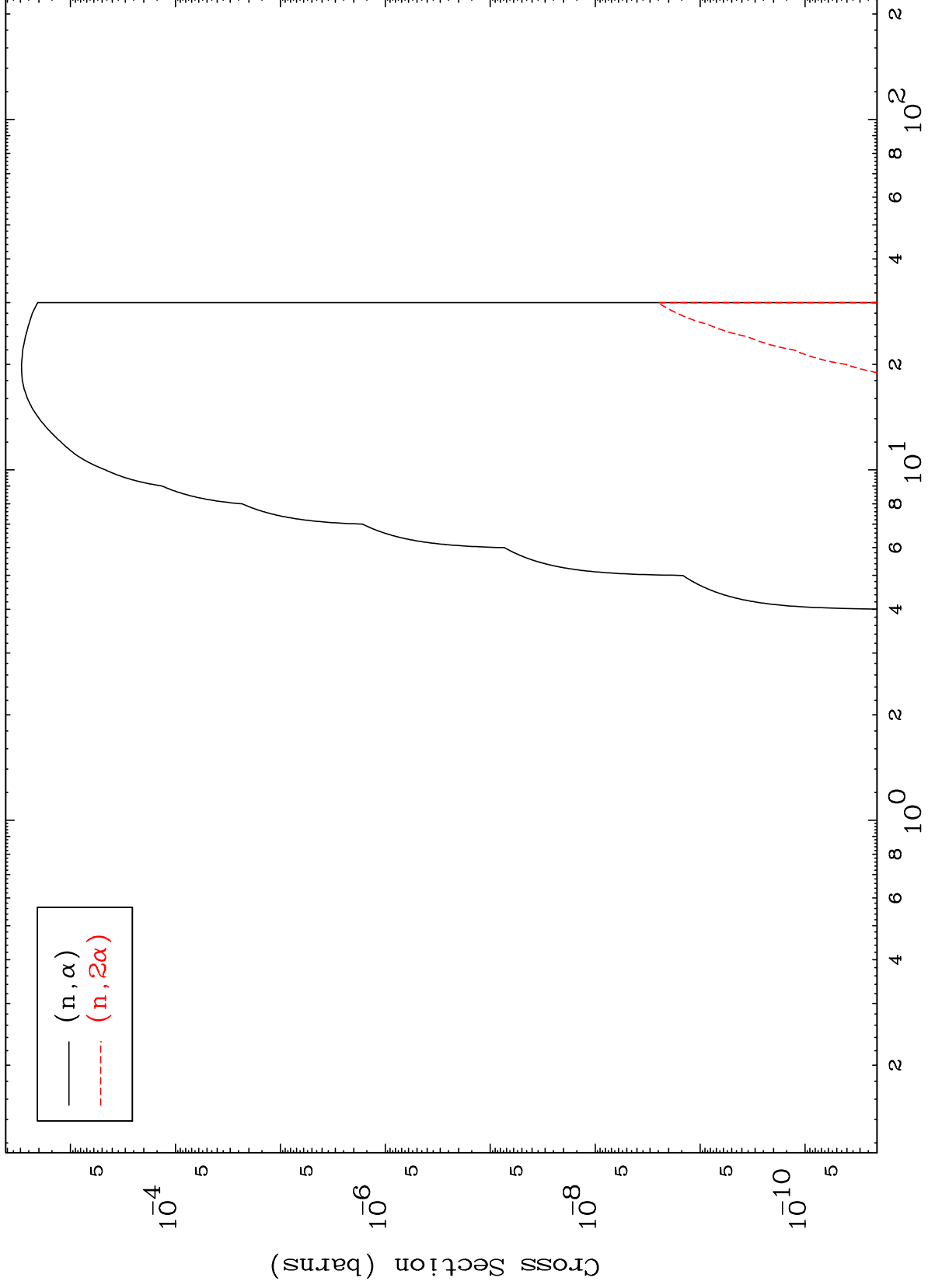
Incident Energy (MeV)

79-Au-196

MAT 7922

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

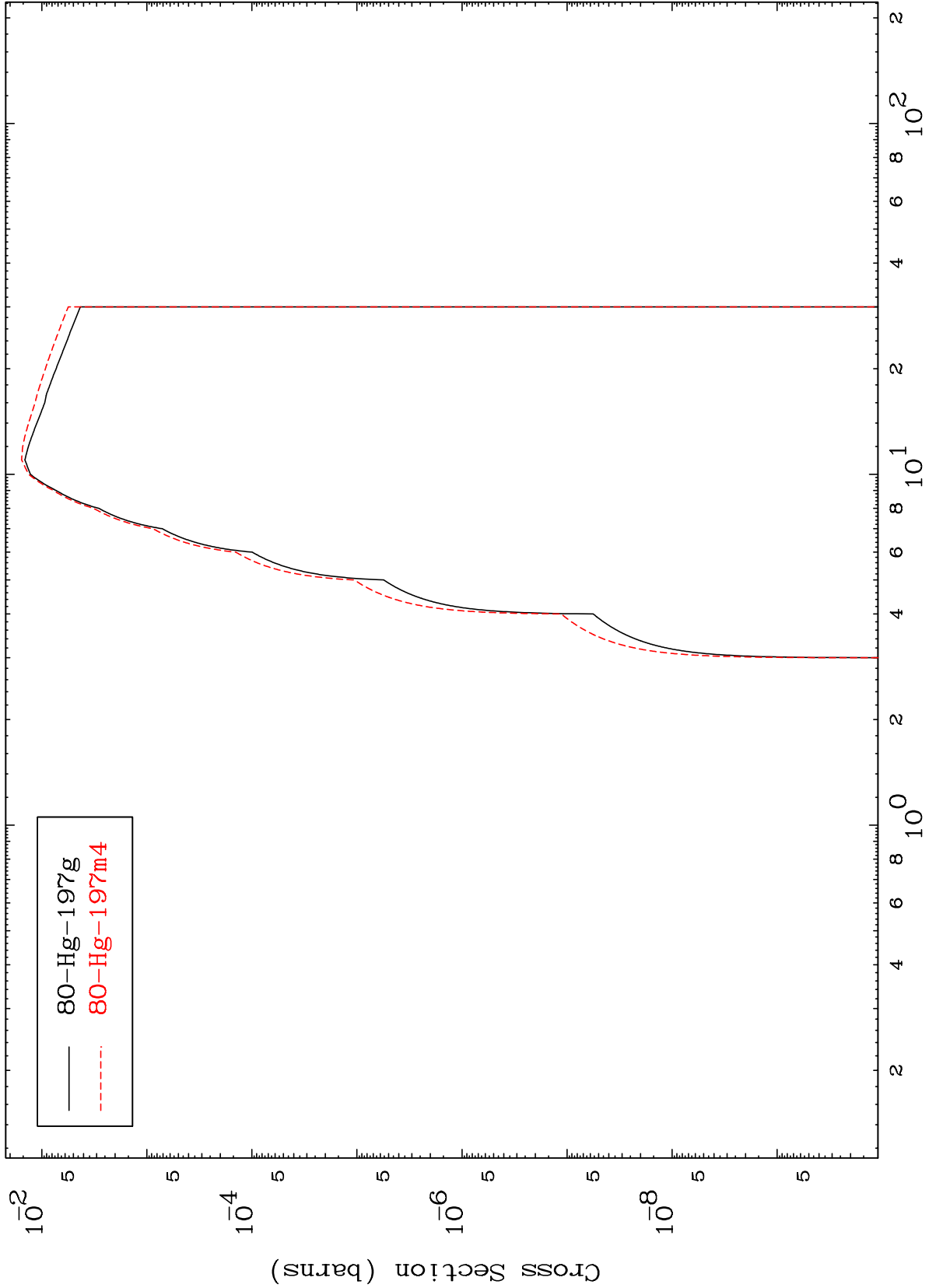
79-Au-196



MAT 7922

79-Au-196

Inelastic  
Radionuclide Production Cross Section



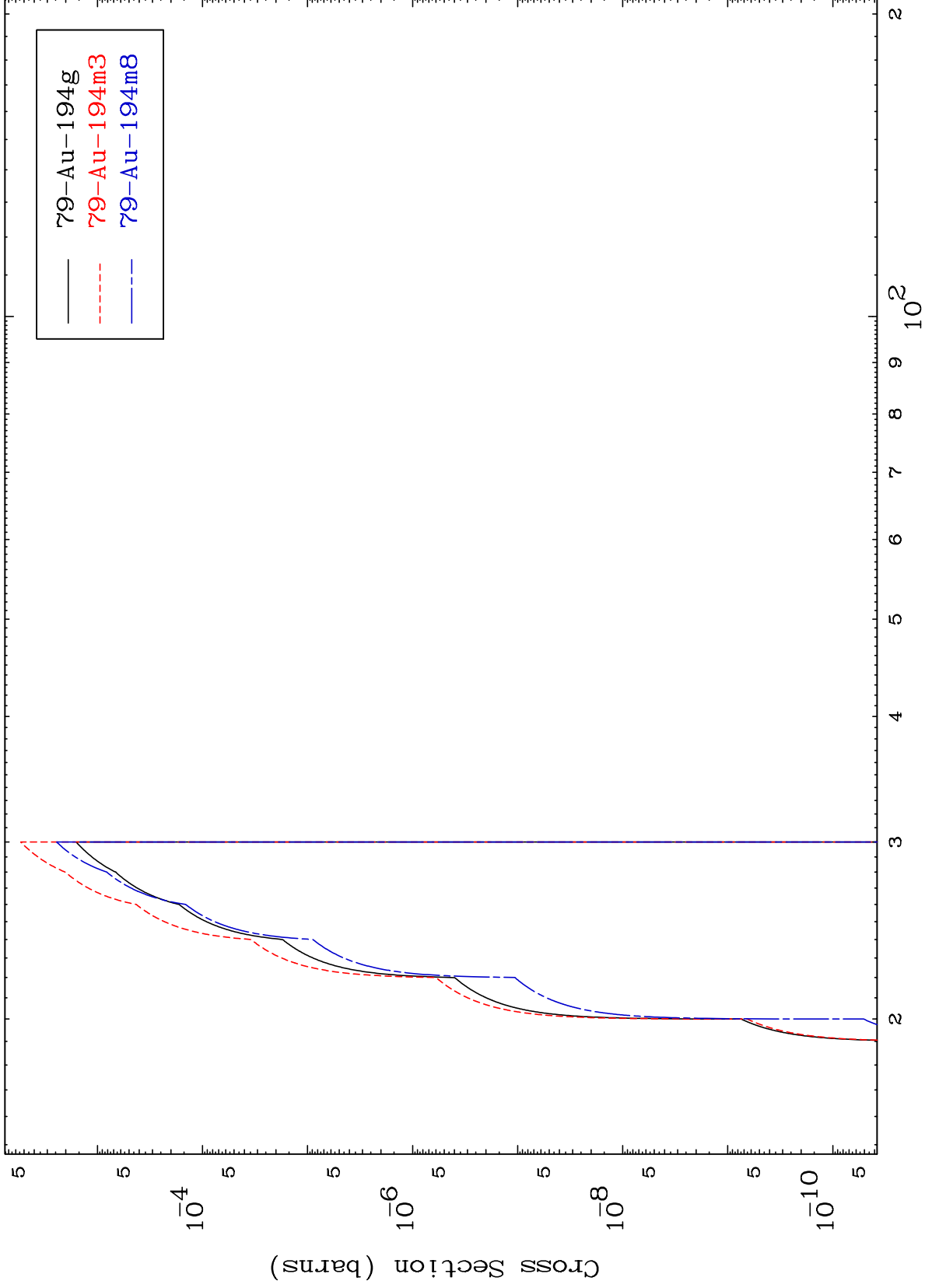
80-Hg-197g  
80-Hg-197m4

79-Au-196

Incident Energy (MeV)

12

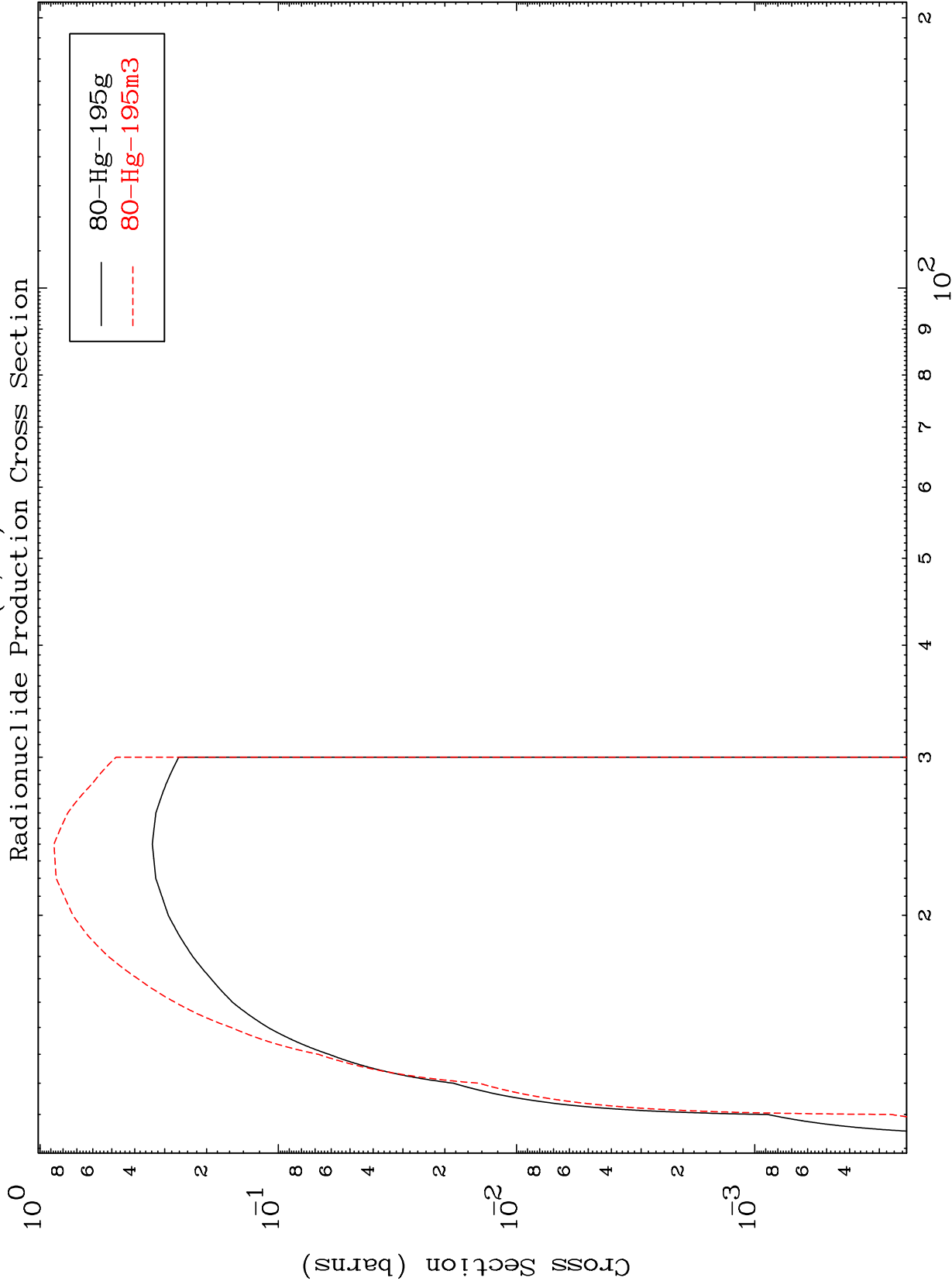
Radionuclide Production Cross Section



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(n,3n)

79-Au-196



Incident Energy (MeV)

79-Au-196

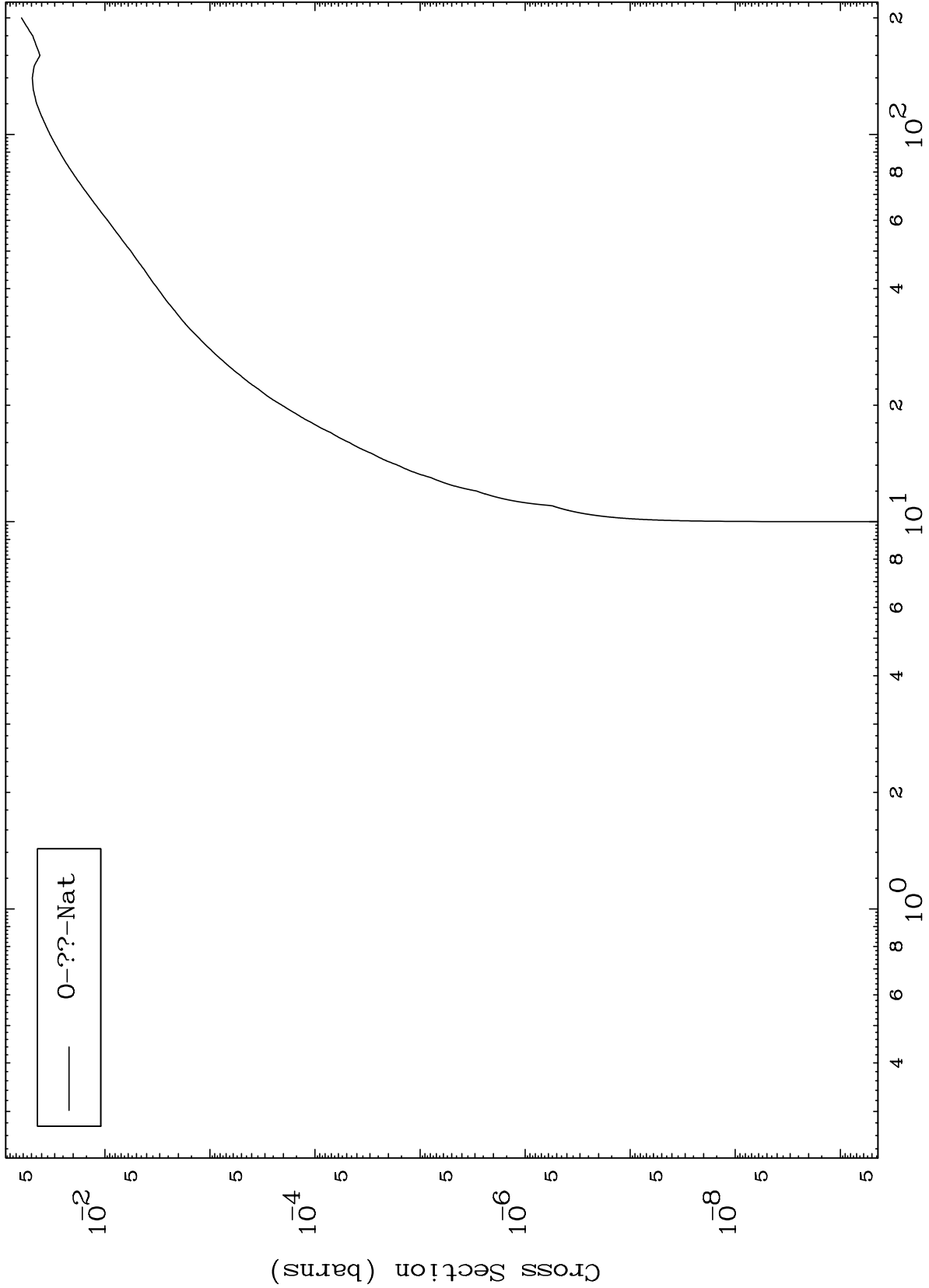
14

MAT 7922

Fission

79-Au-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-196

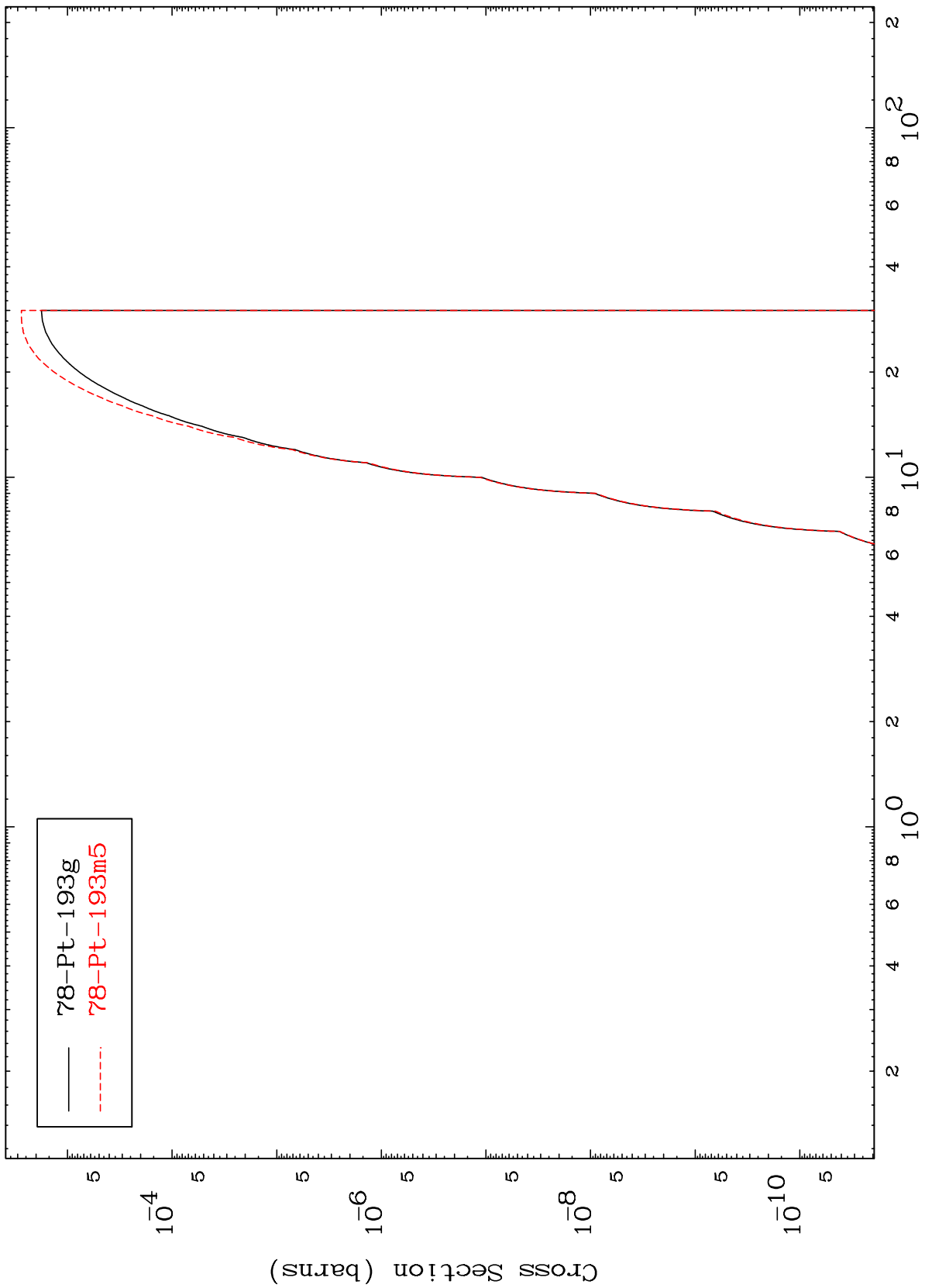


MAT 7922

$(n, n') \alpha$

79-Au-196

Radionuclide Production Cross Section

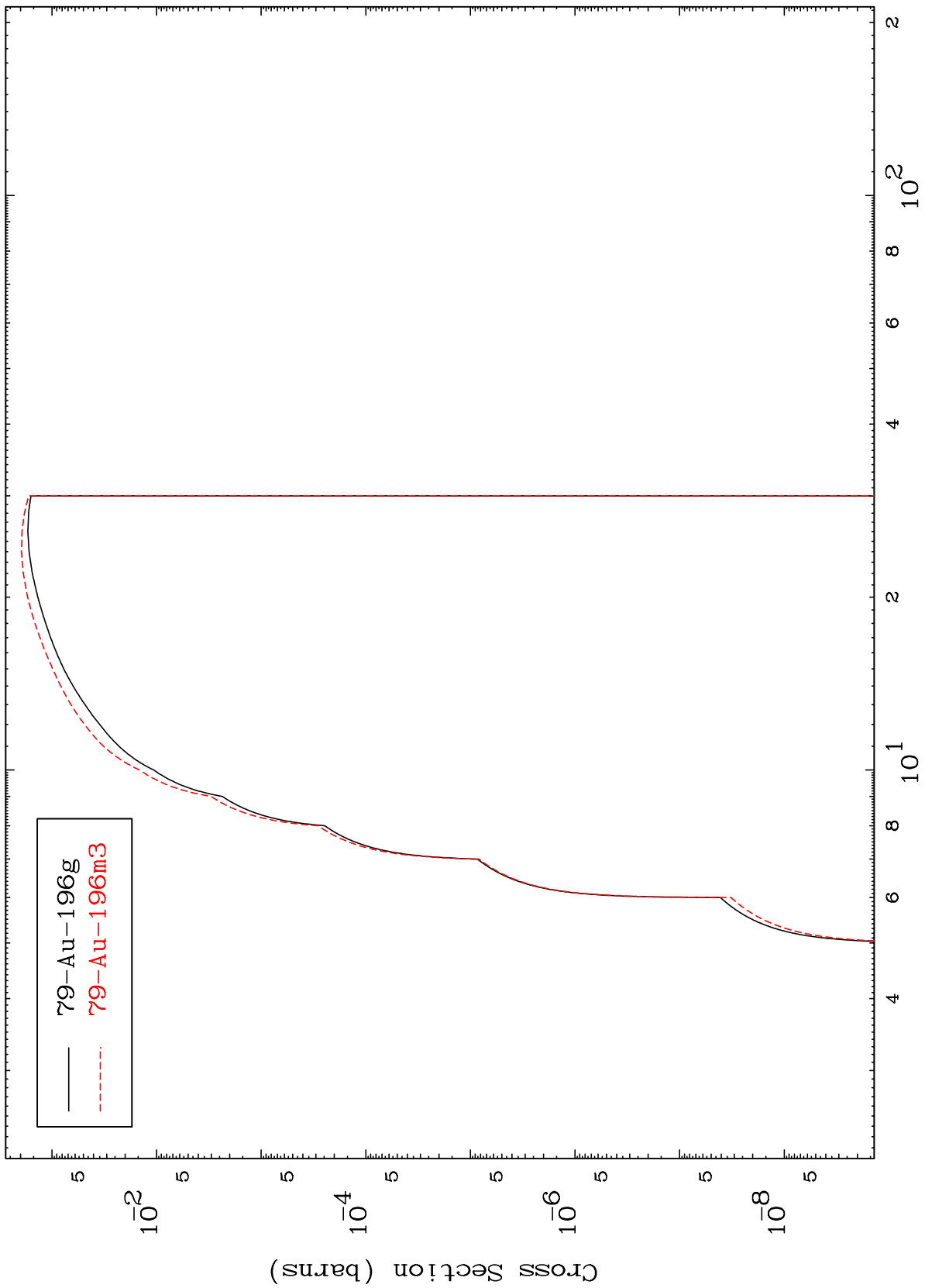


16

Incident Energy (MeV)

79-Au-196

(n,n') p  
Radionuclide Production Cross Section

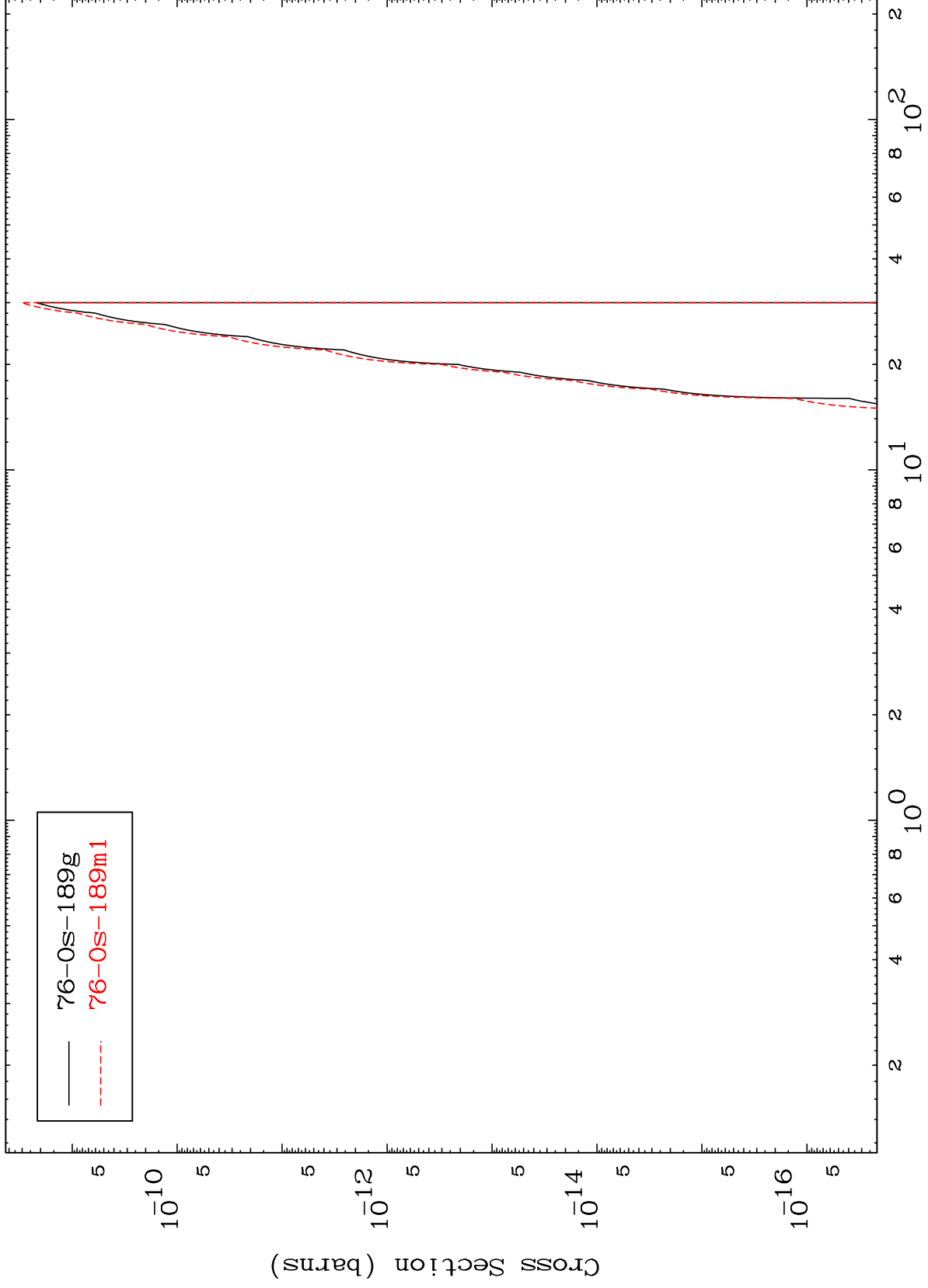


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(n,n') 2α

79-Au-196

Radionuclide Production Cross Section

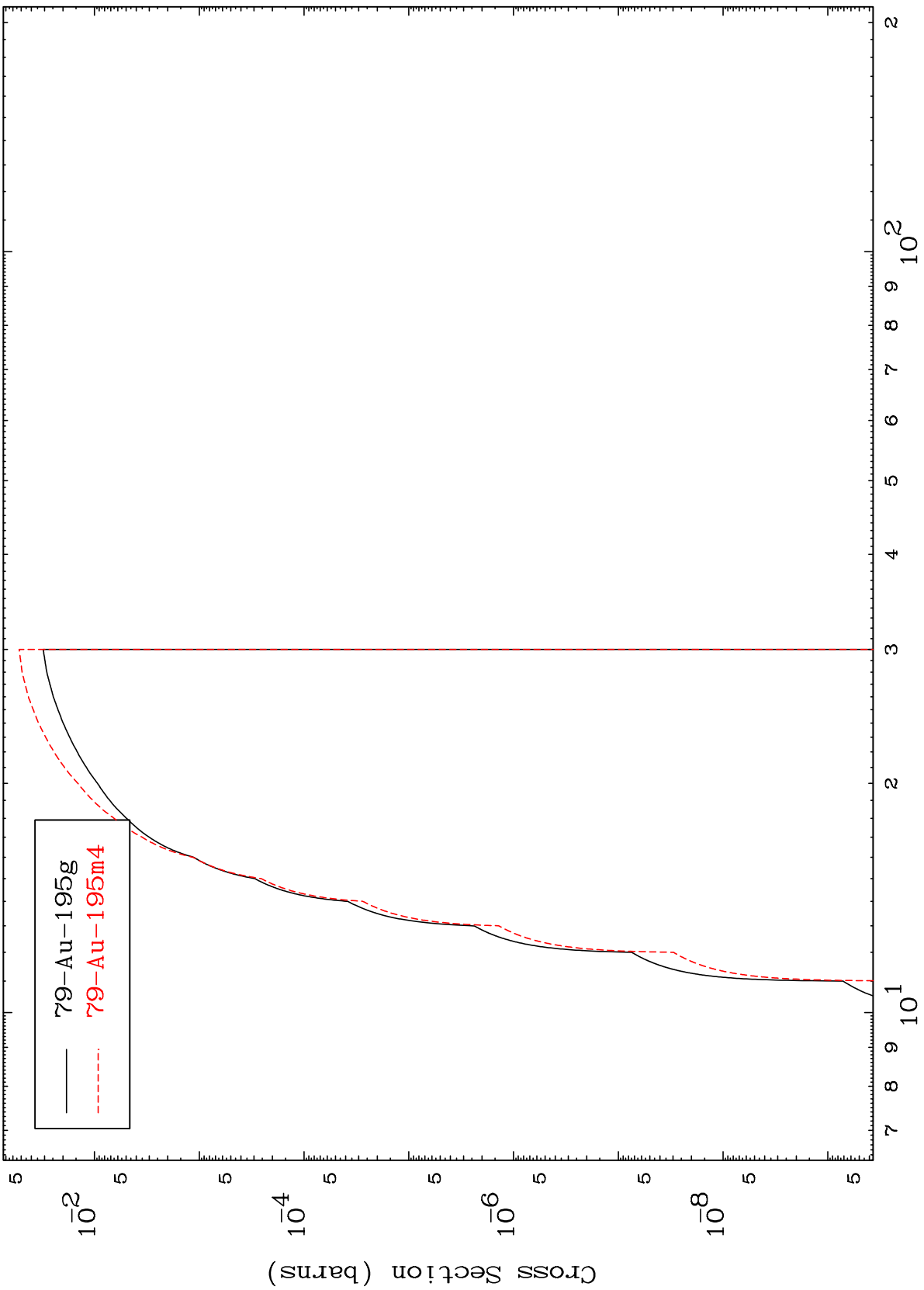


MAT 7922

(n,n') d

79-Au-196

Radionuclide Production Cross Section



19

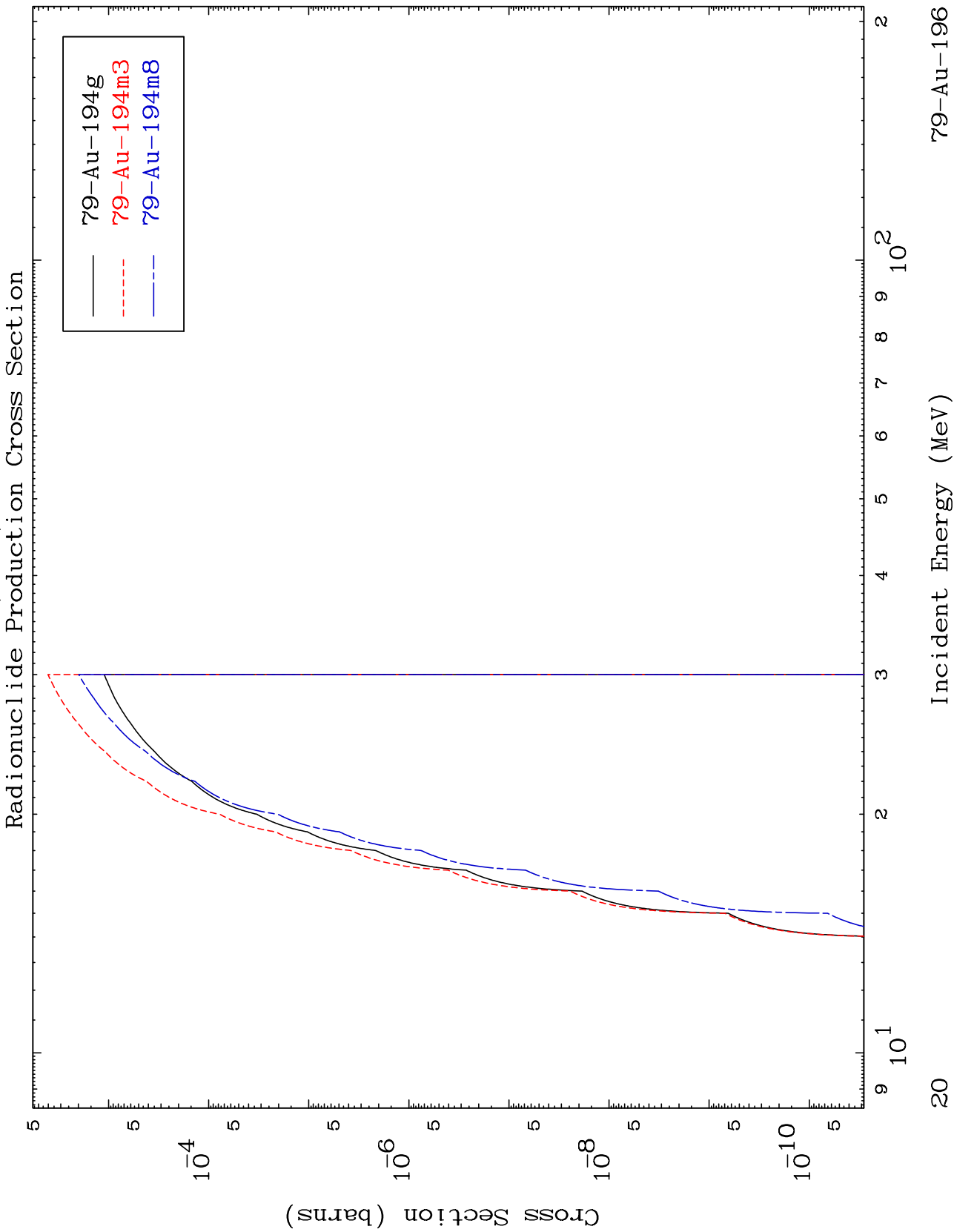
Incident Energy (MeV)

79-Au-196

MAT 7922

(n,n') t

79-Au-196



79-Au-196

Incident Energy (MeV)

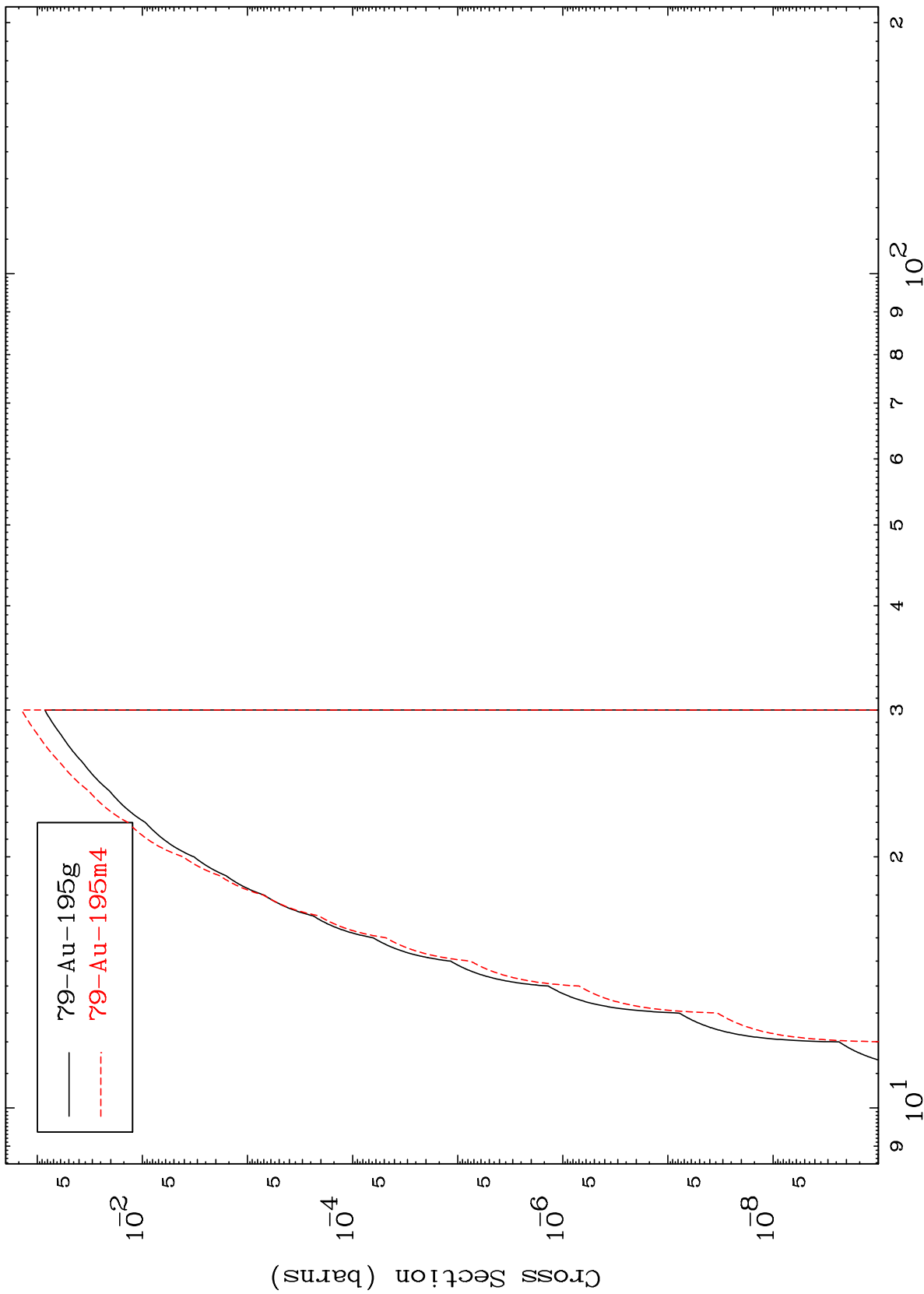
20

MAT 7922

(n,2n) p

79-Au-196

Radionuclide Production Cross Section

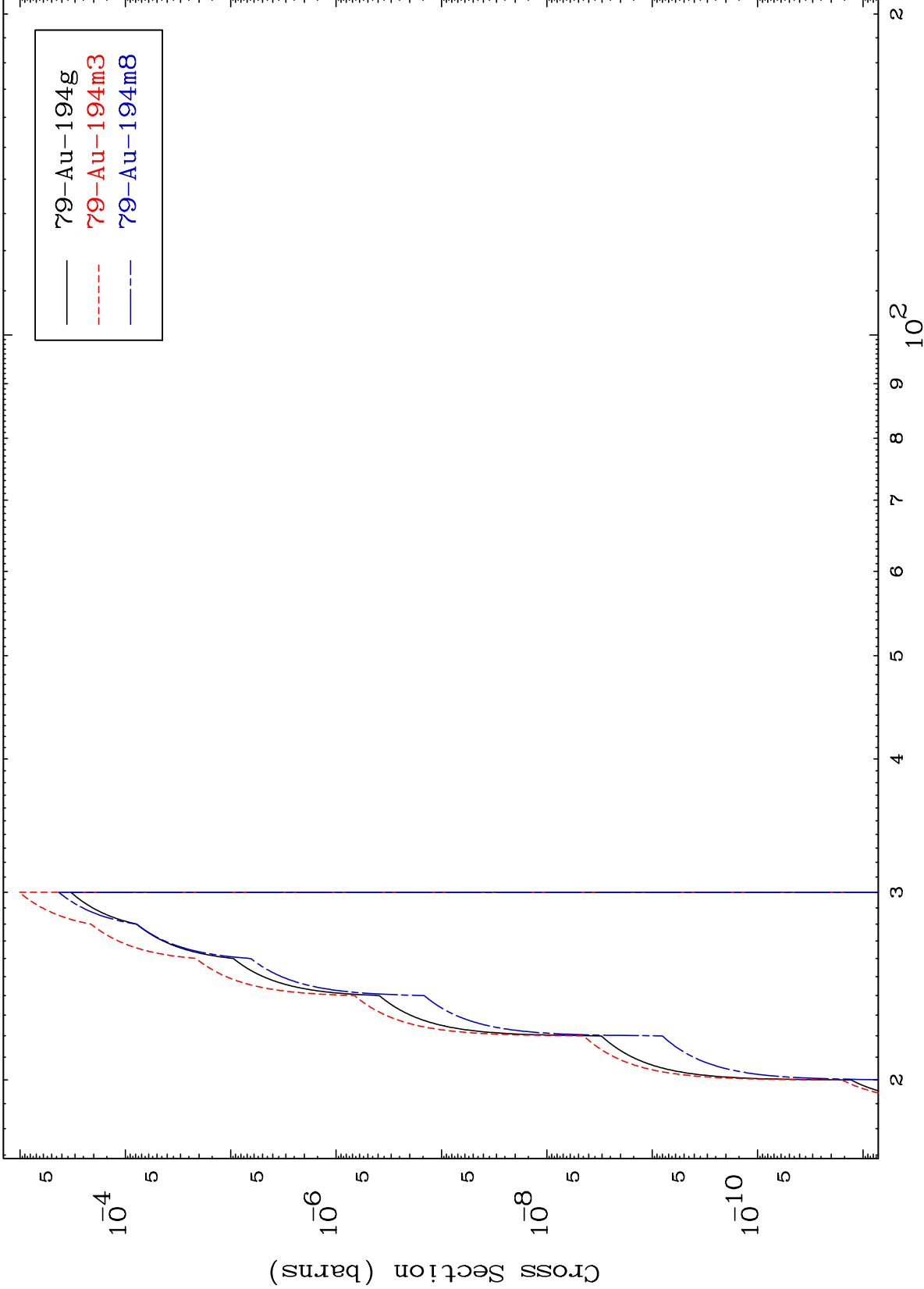


21

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

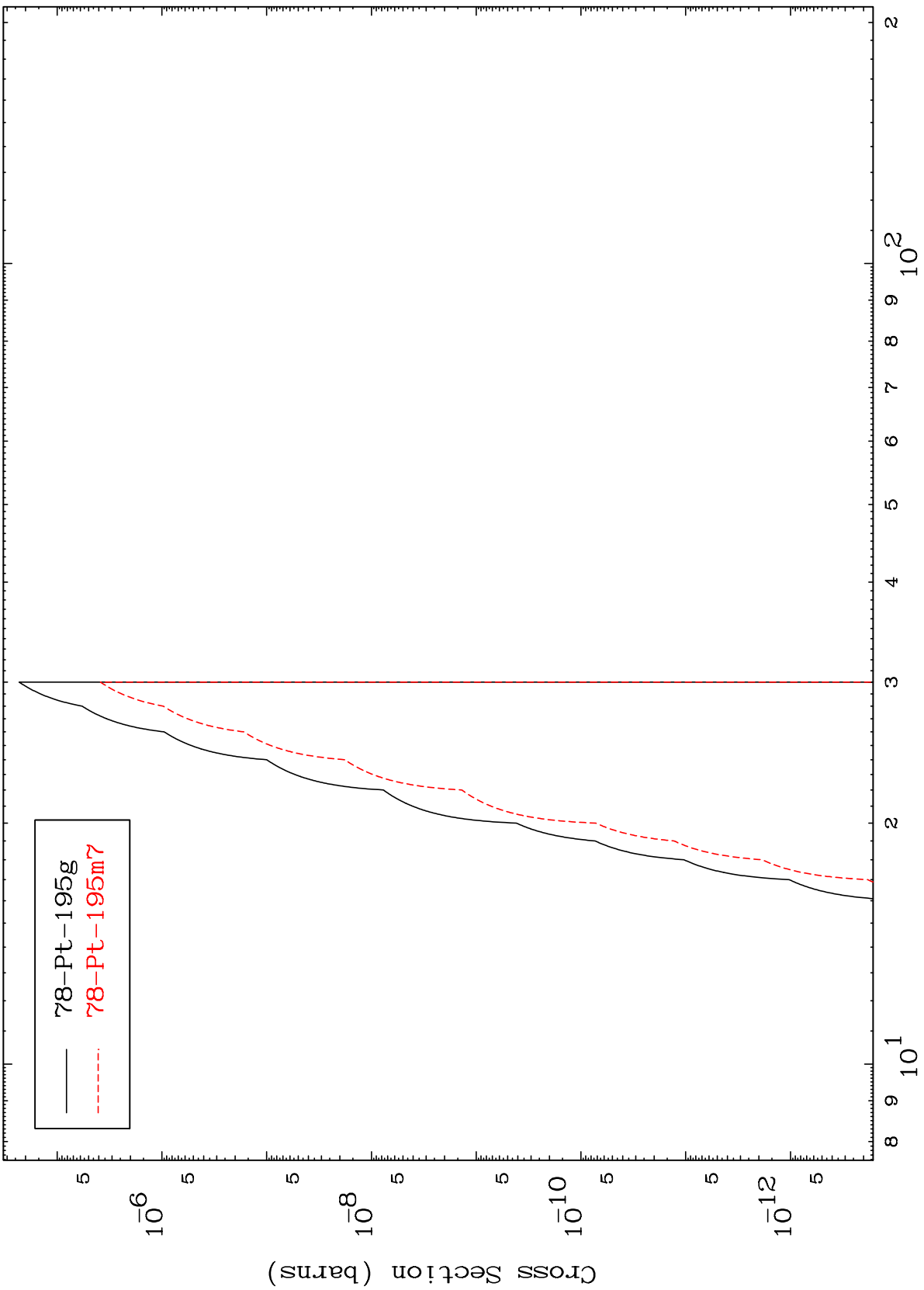


MAT 7922

(n,2n) p

79-Au-196

Radionuclide Production Cross Section



23

Incident Energy (MeV)

79-Au-196

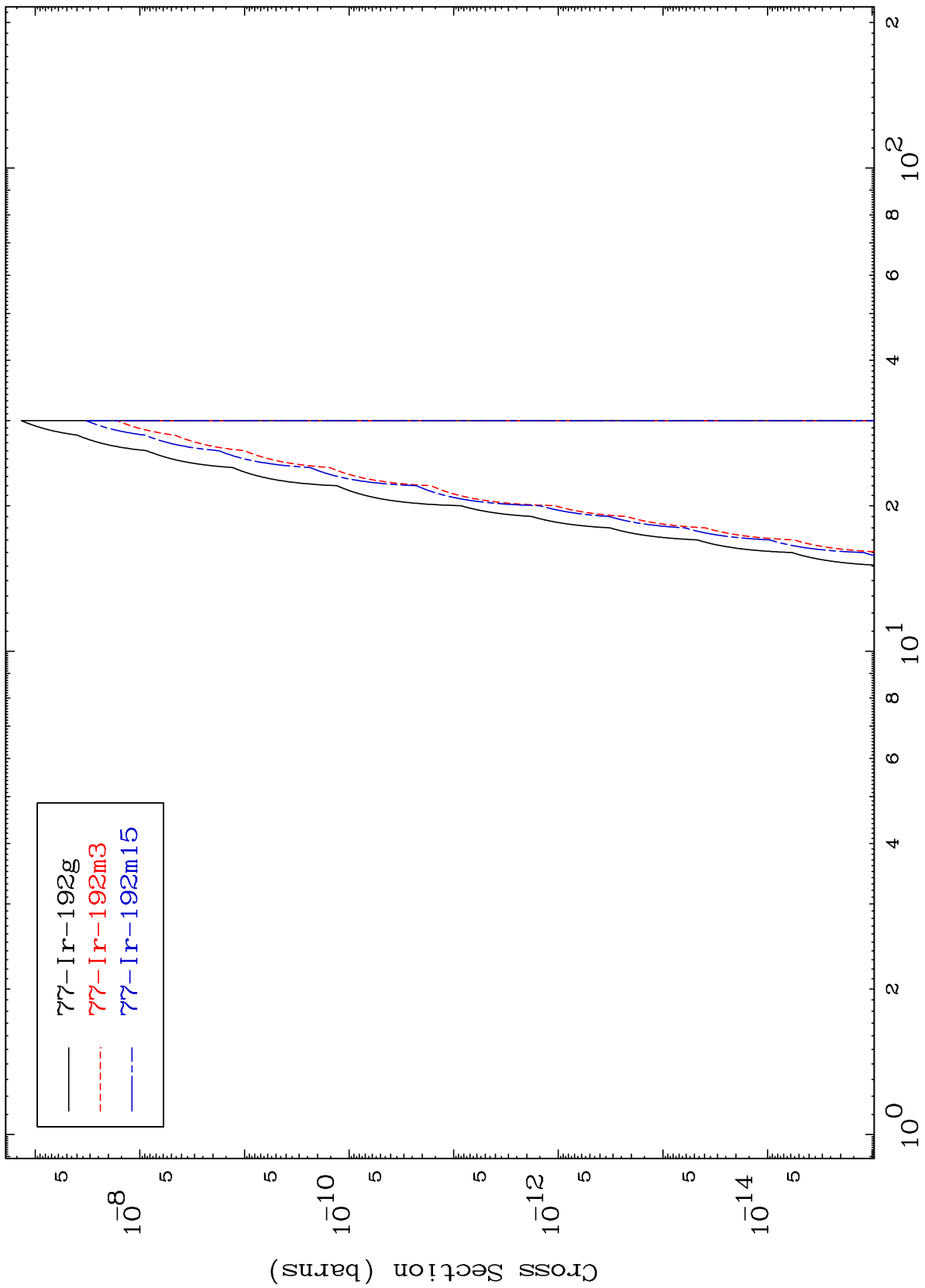


MAT 7922

(n,n') p  $\alpha$

79-Au-196

Radionuclide Production Cross Section



24

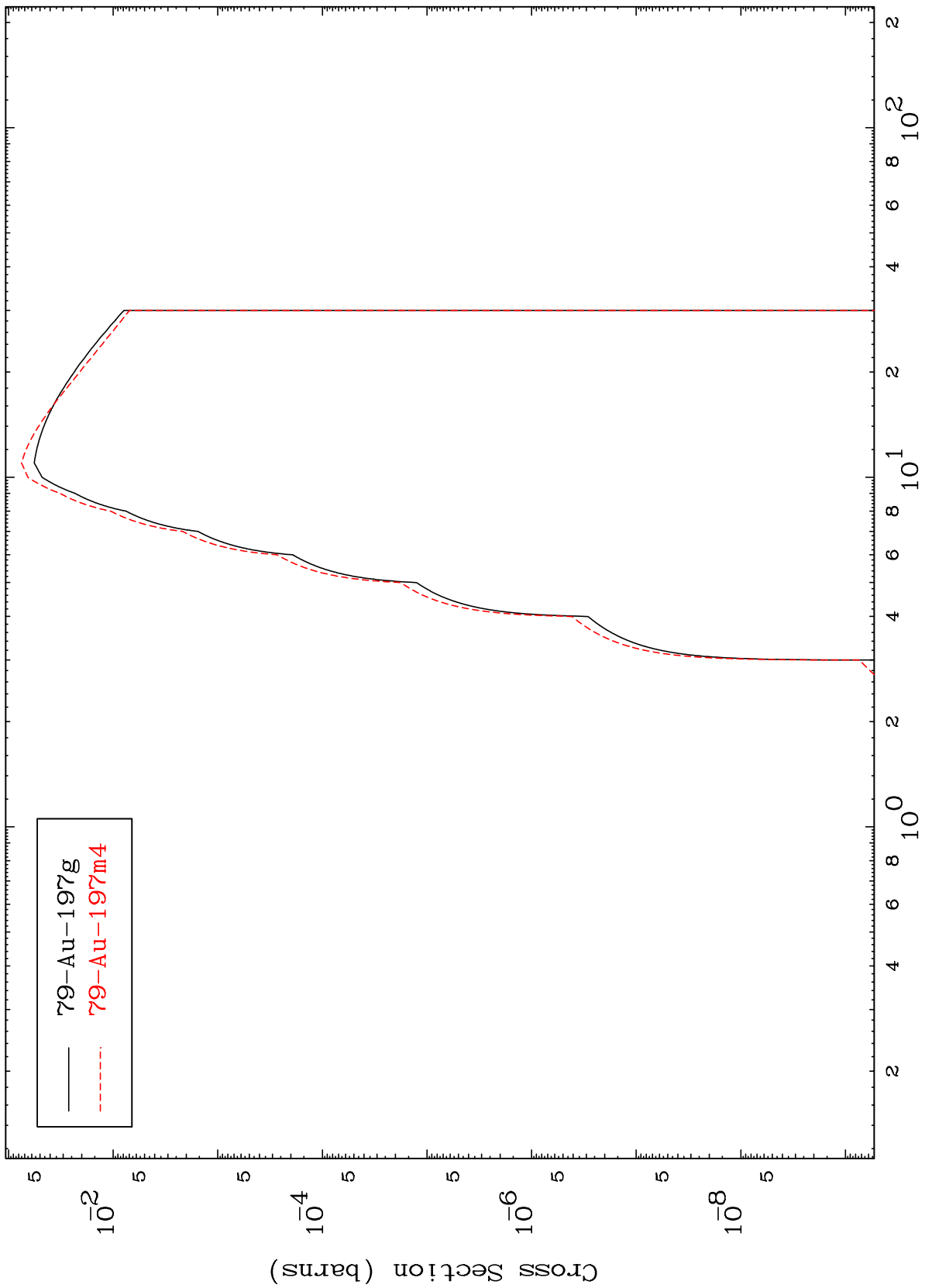
Incident Energy (MeV)

79-Au-196

MAT 7922

79-Au-196

(n,p)  
Radionuclide Production Cross Section



79-Au-196

Incident Energy (MeV)

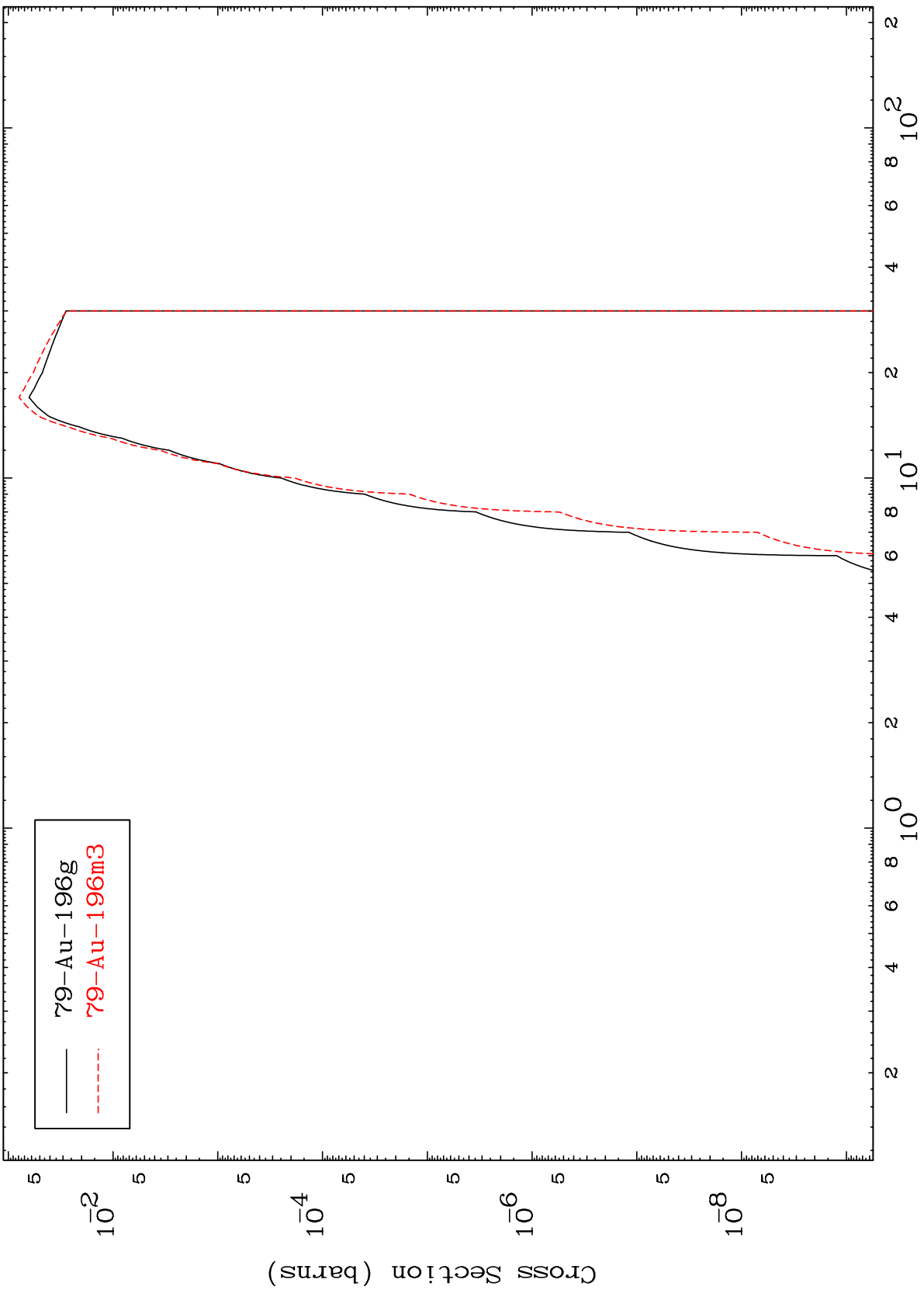
25

MAT 7922

(n, d)

<sup>79</sup>Au-196

Radionuclide Production Cross Section

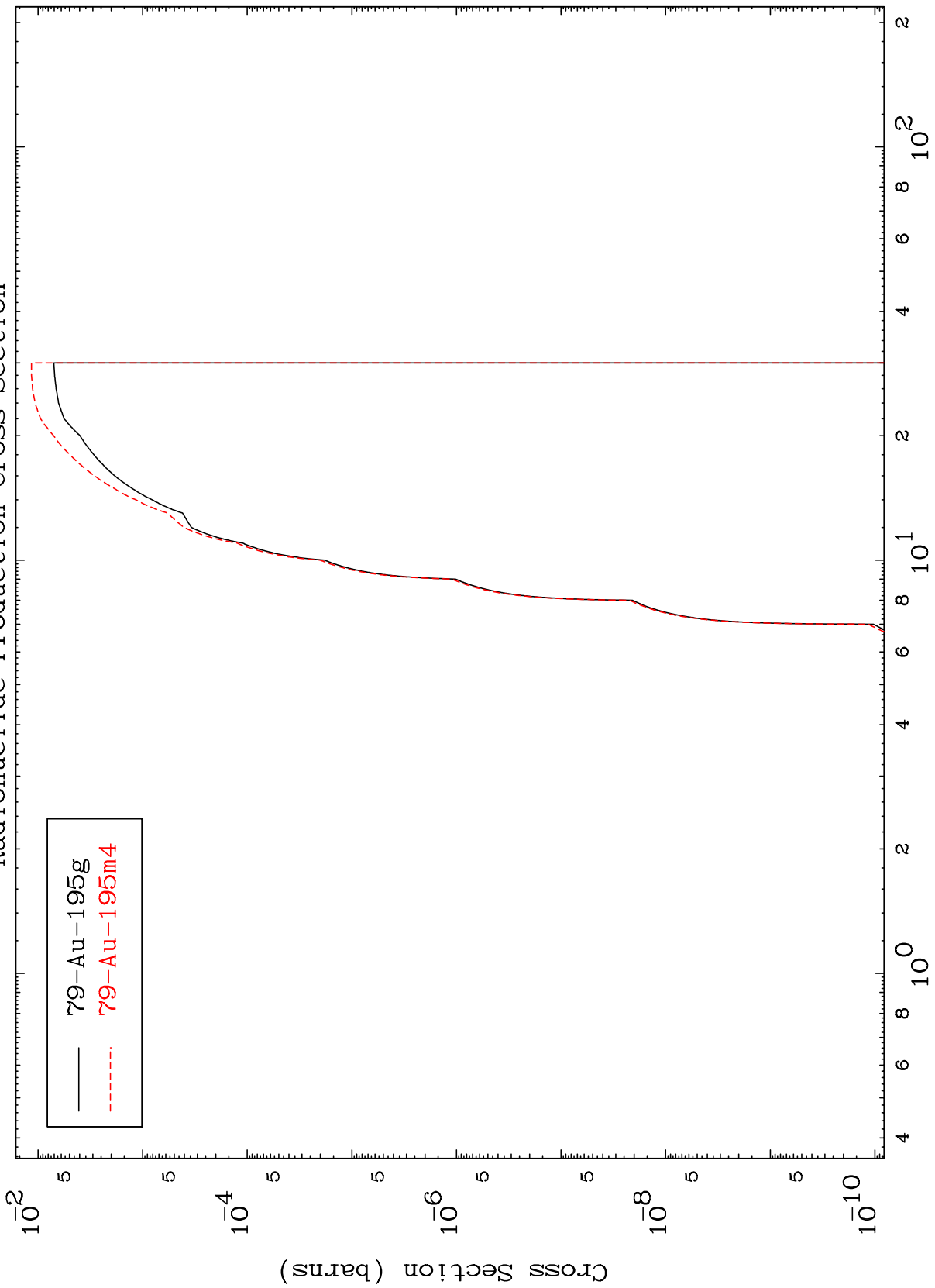


— <sup>79</sup>Au-196g  
- - - <sup>79</sup>Au-196m3

MAT 7922

79-Au-196

(n, t)  
Radionuclide Production Cross Section



27

Incident Energy (MeV)

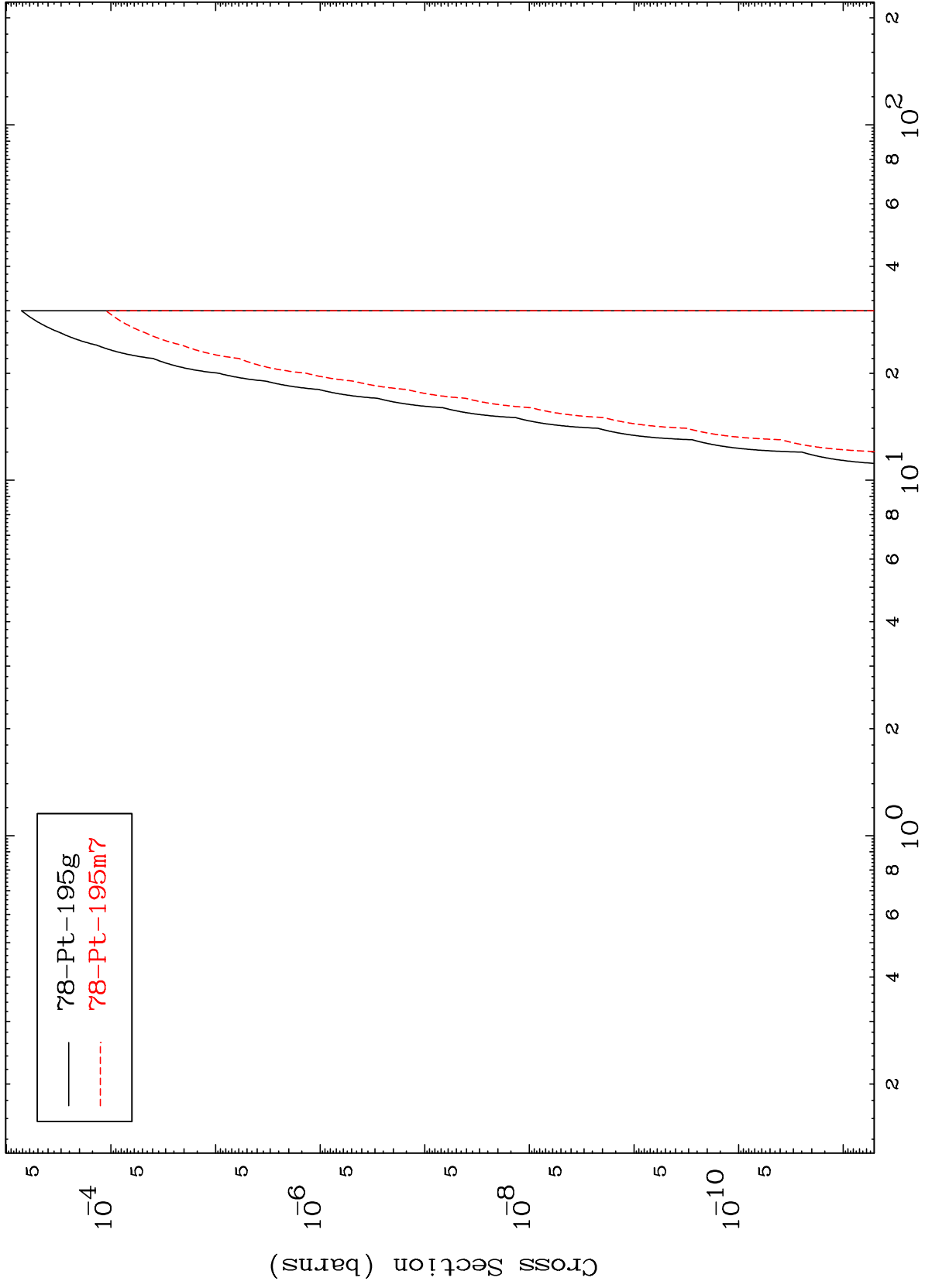
79-Au-196

MAT 7922

(n,He-3)

79-Au-196

Radionuclide Production Cross Section



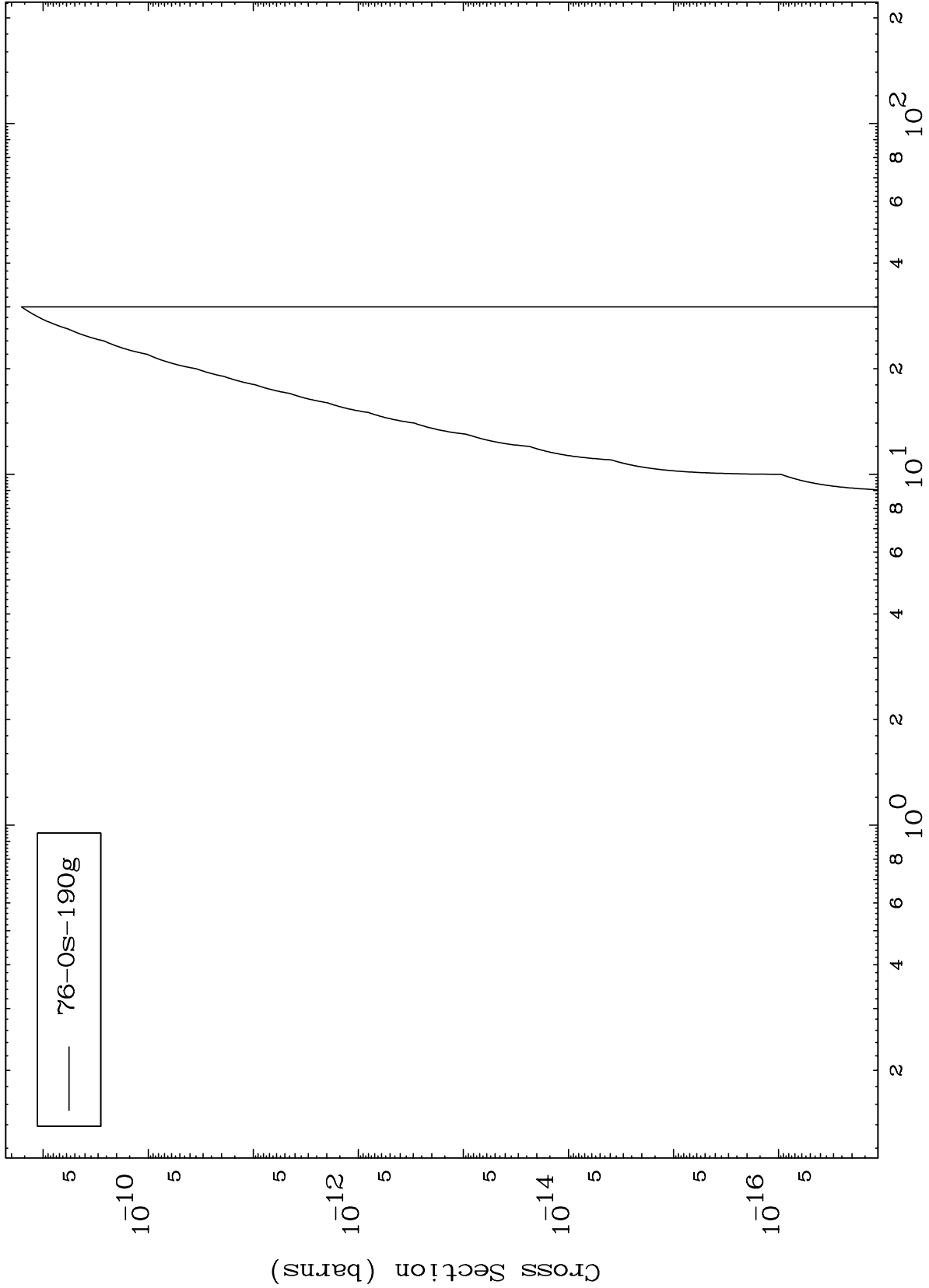
78-Pt-195g  
78-Pt-195m7

MAT 7922

(n,2α)

79-Au-196

Radionuclide Production Cross Section

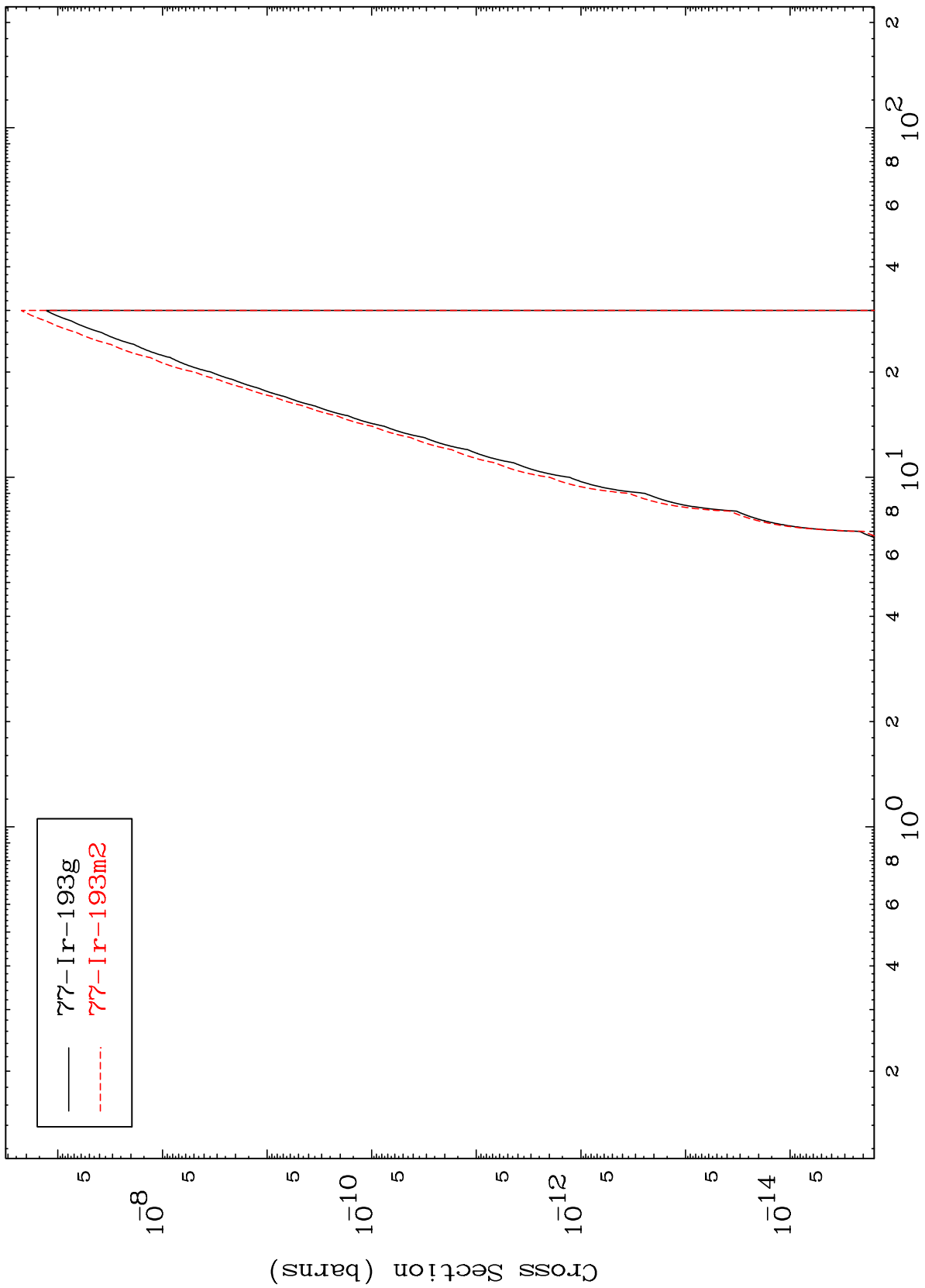


MAT 7922

(n,p)  $\alpha$

79-Au-196

Radionuclide Production Cross Section

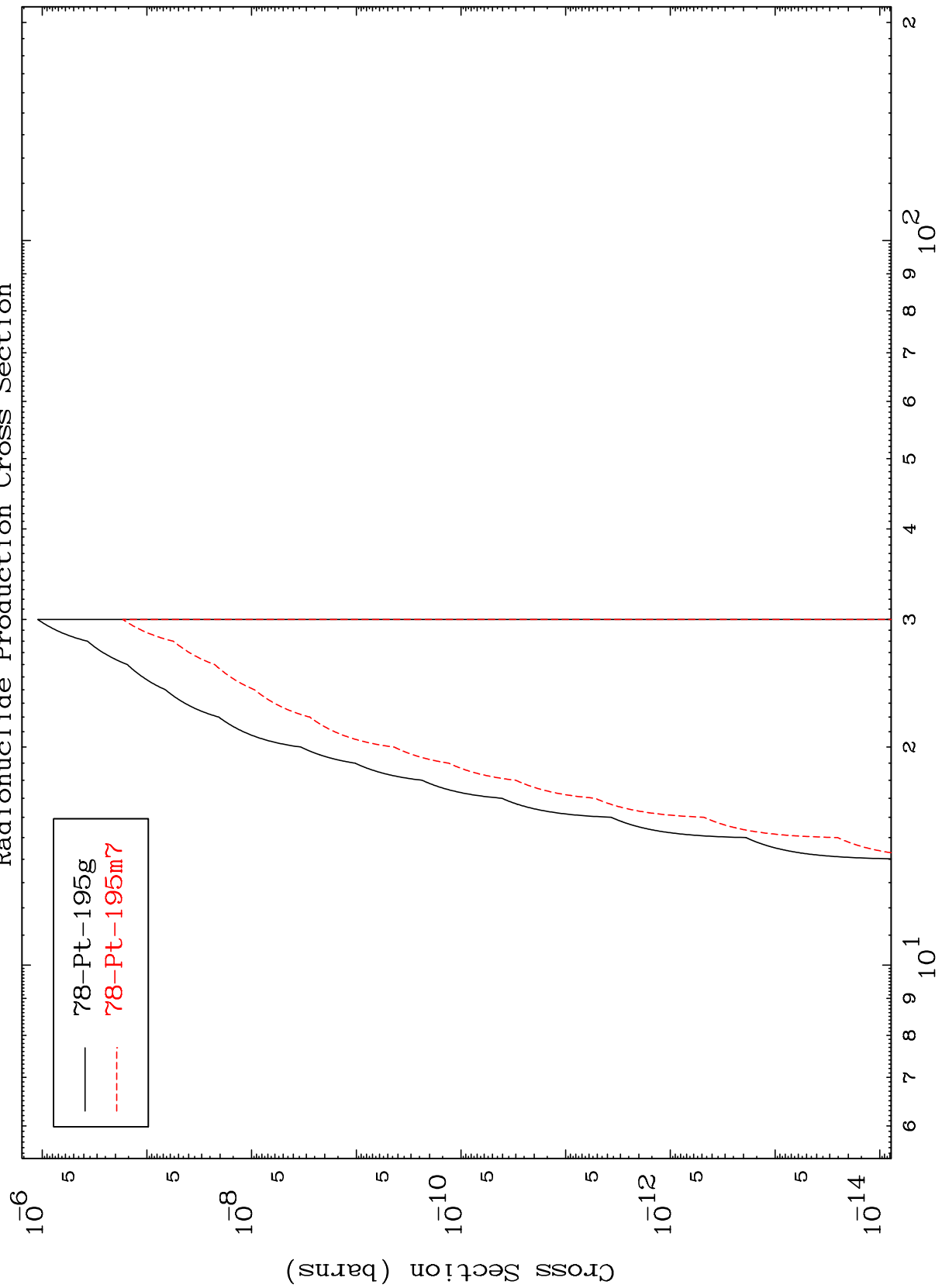


MAT 7922

(n,p) d

79-Au-196

Radionuclide Production Cross Section



78-Pt-195g  
78-Pt-195m7



MAT 7922

(n,d)  $\alpha$

79-Au-196

Radionuclide Production Cross Section

