

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

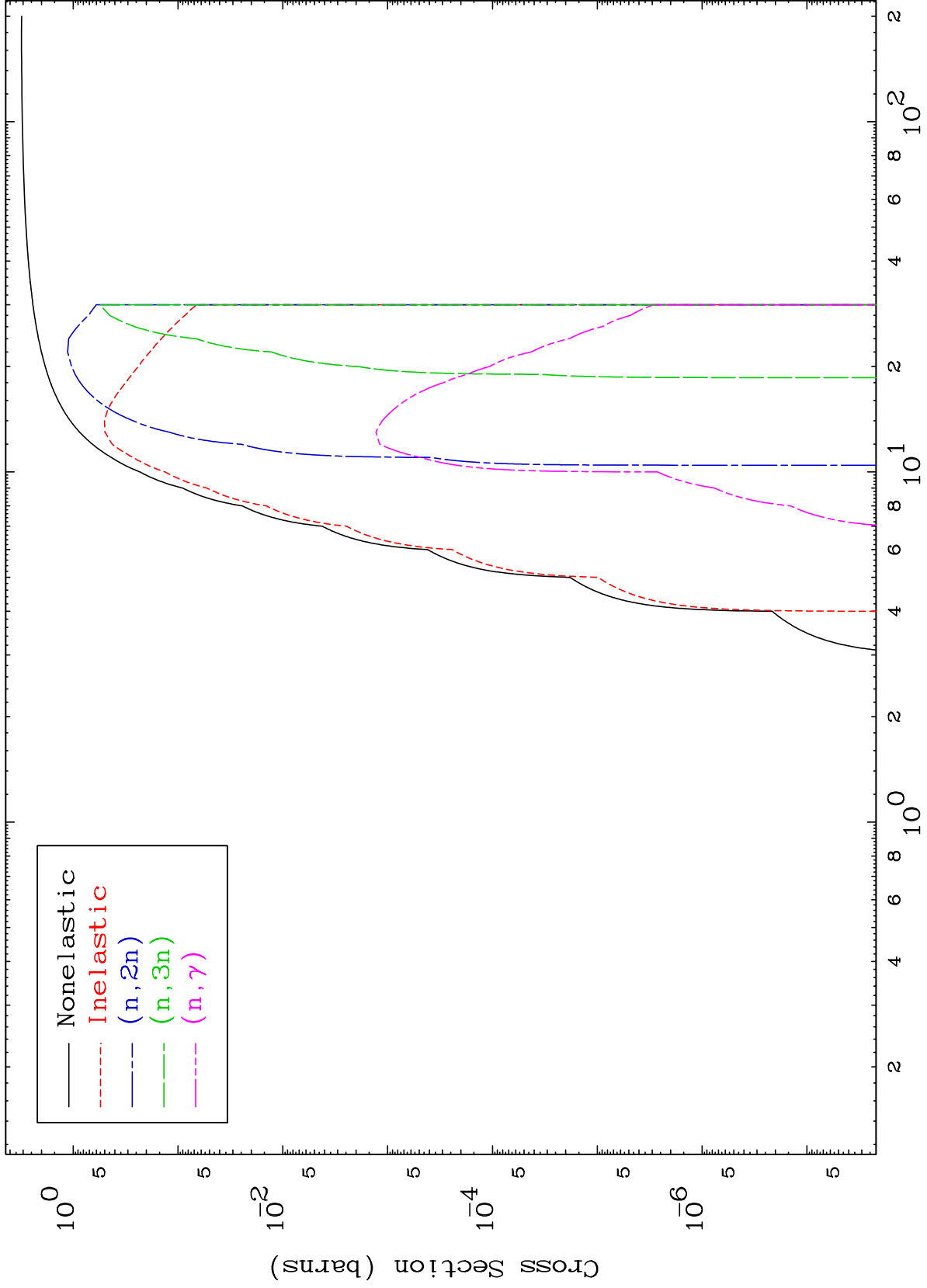
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Web:redcullen1.net/HOMEPAGE.NEW

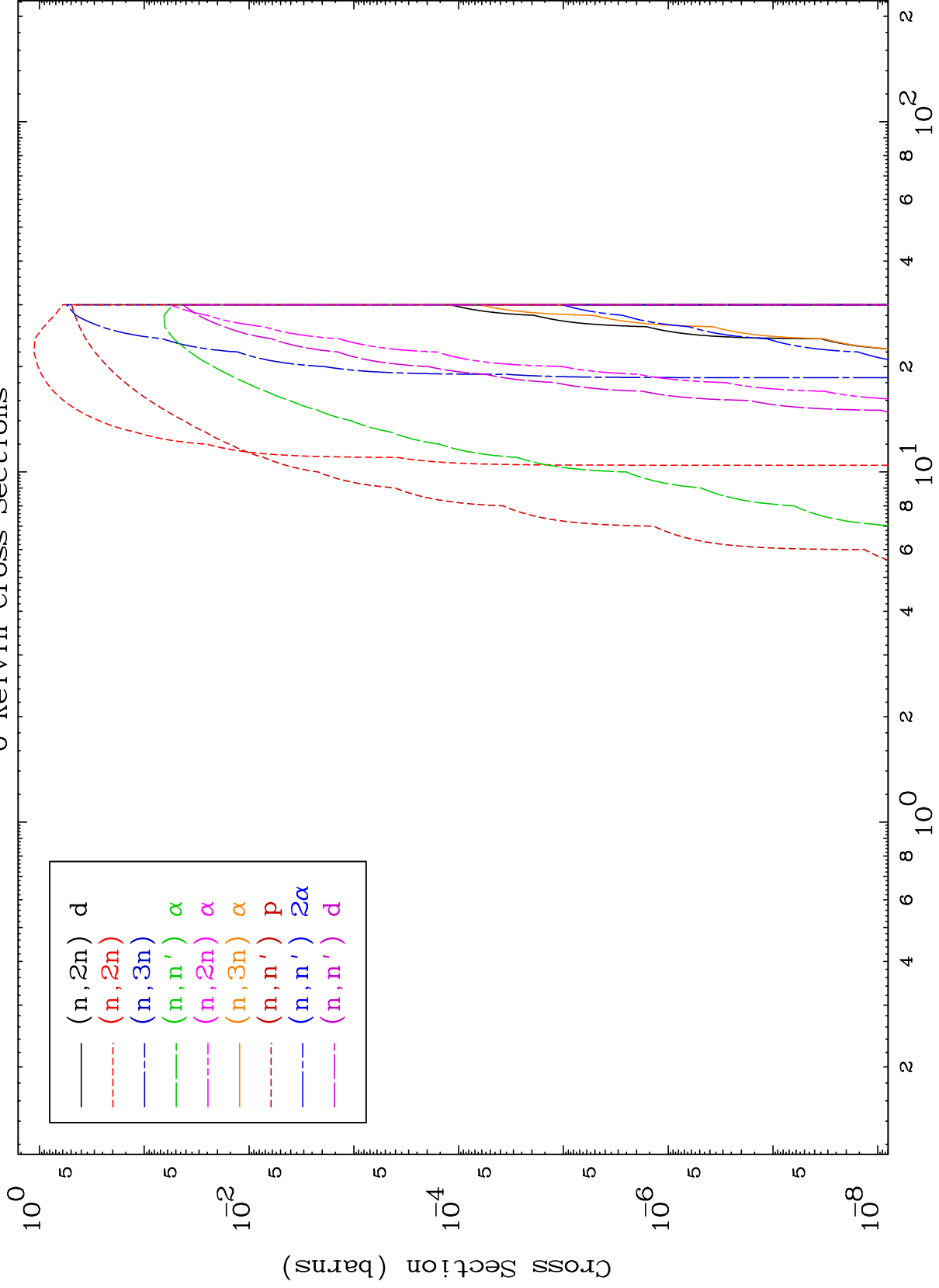
Press Mouse Button to Start

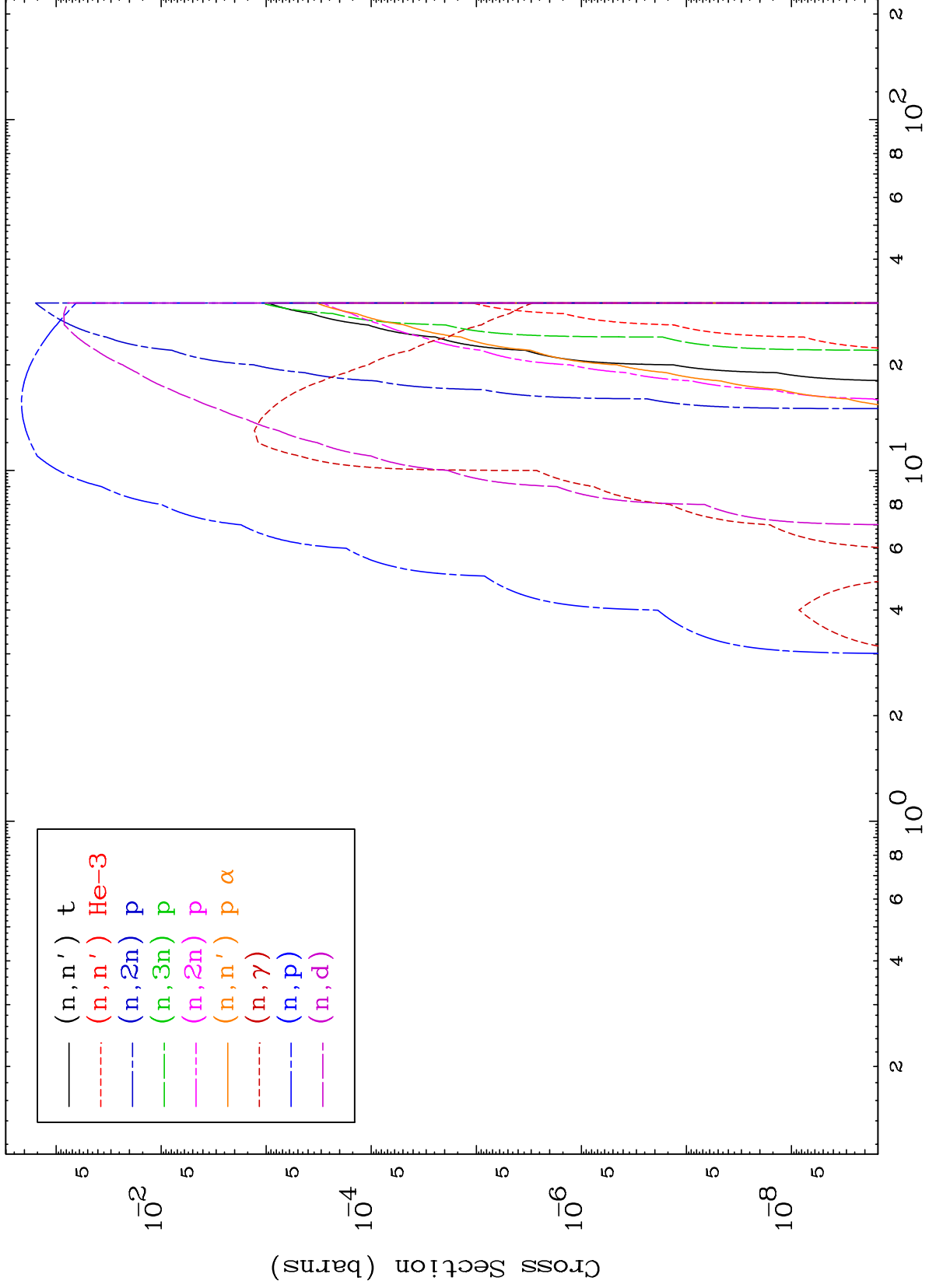


MAT 8201

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-196

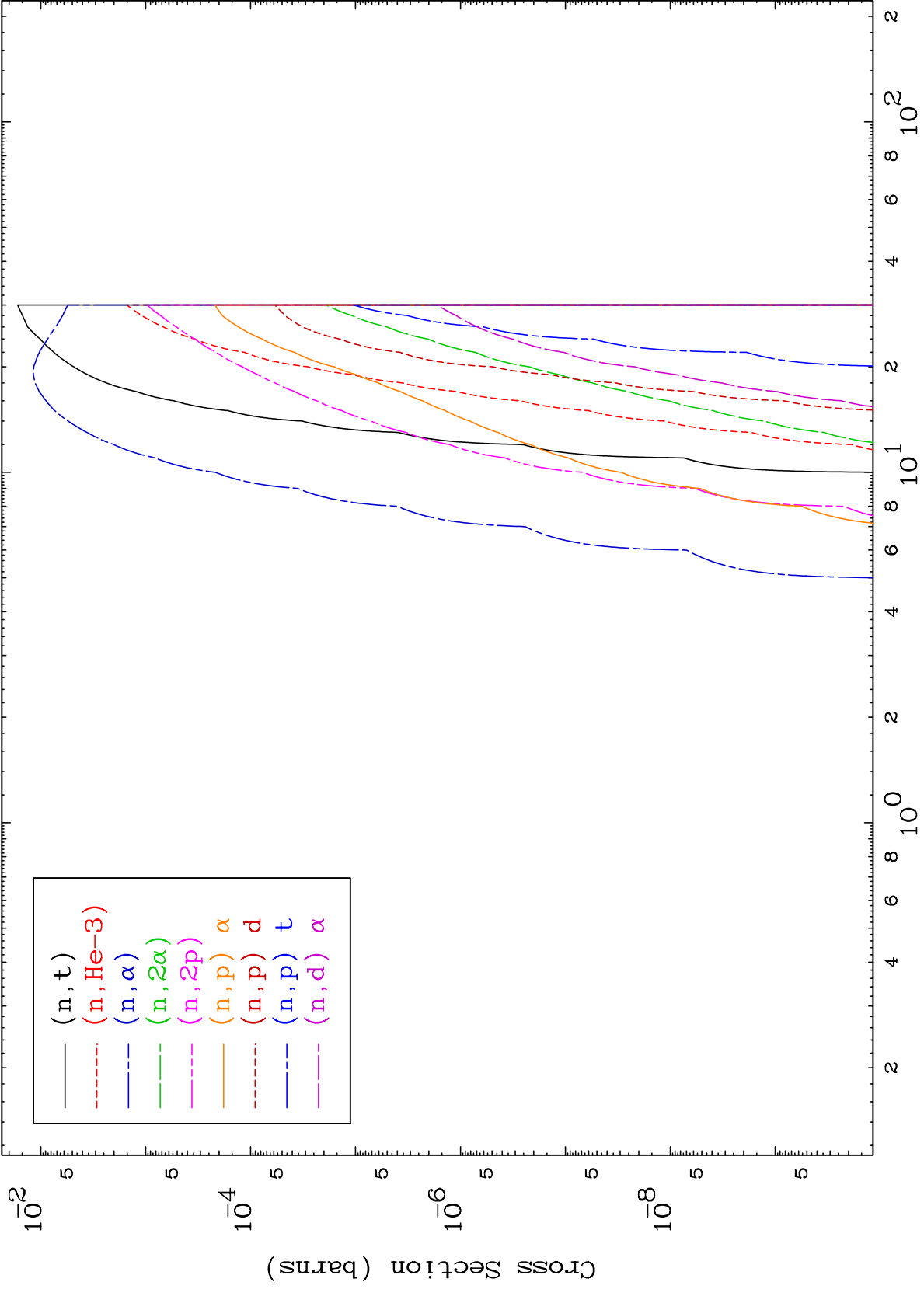


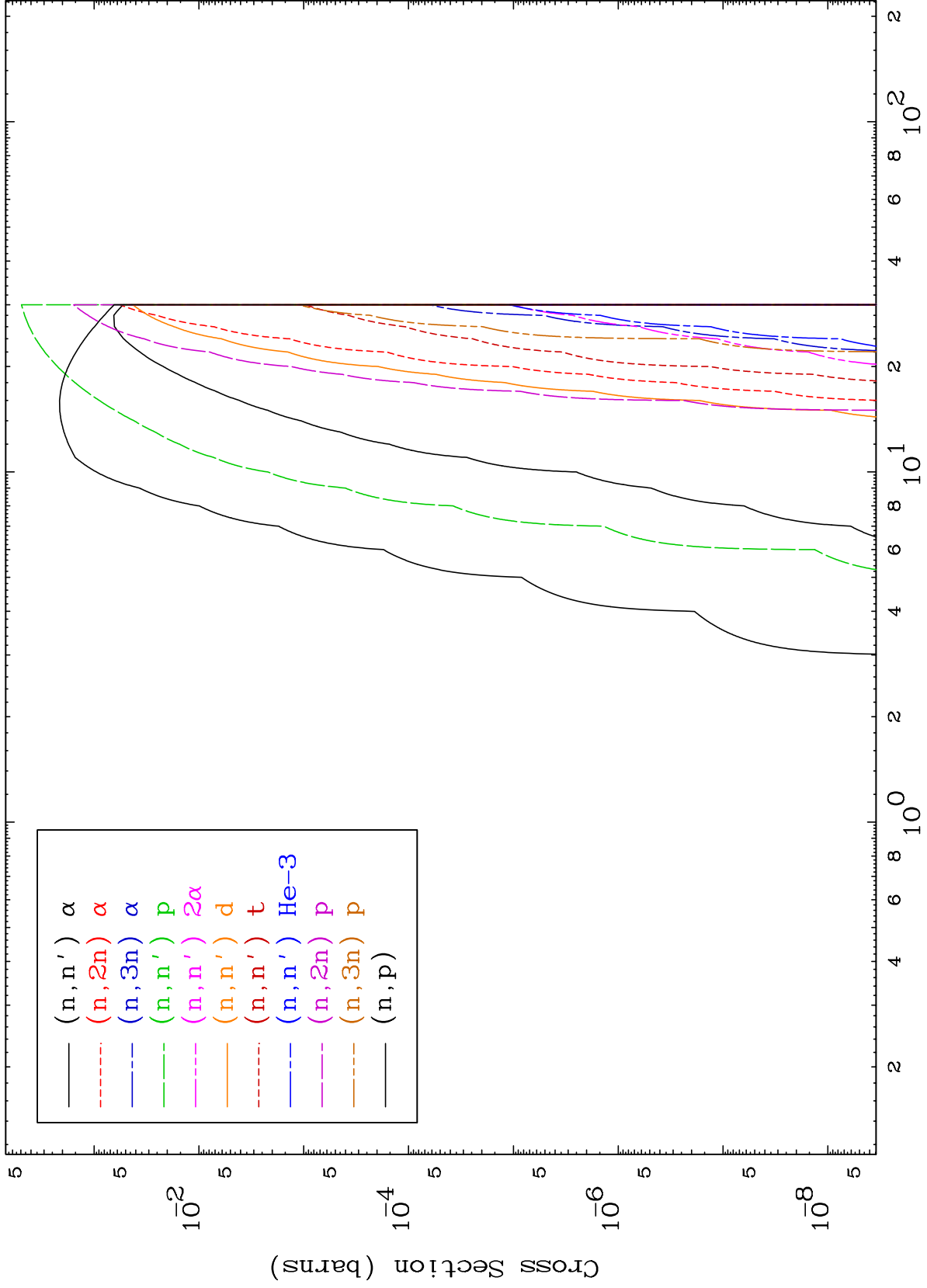


MAT 8201

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-196

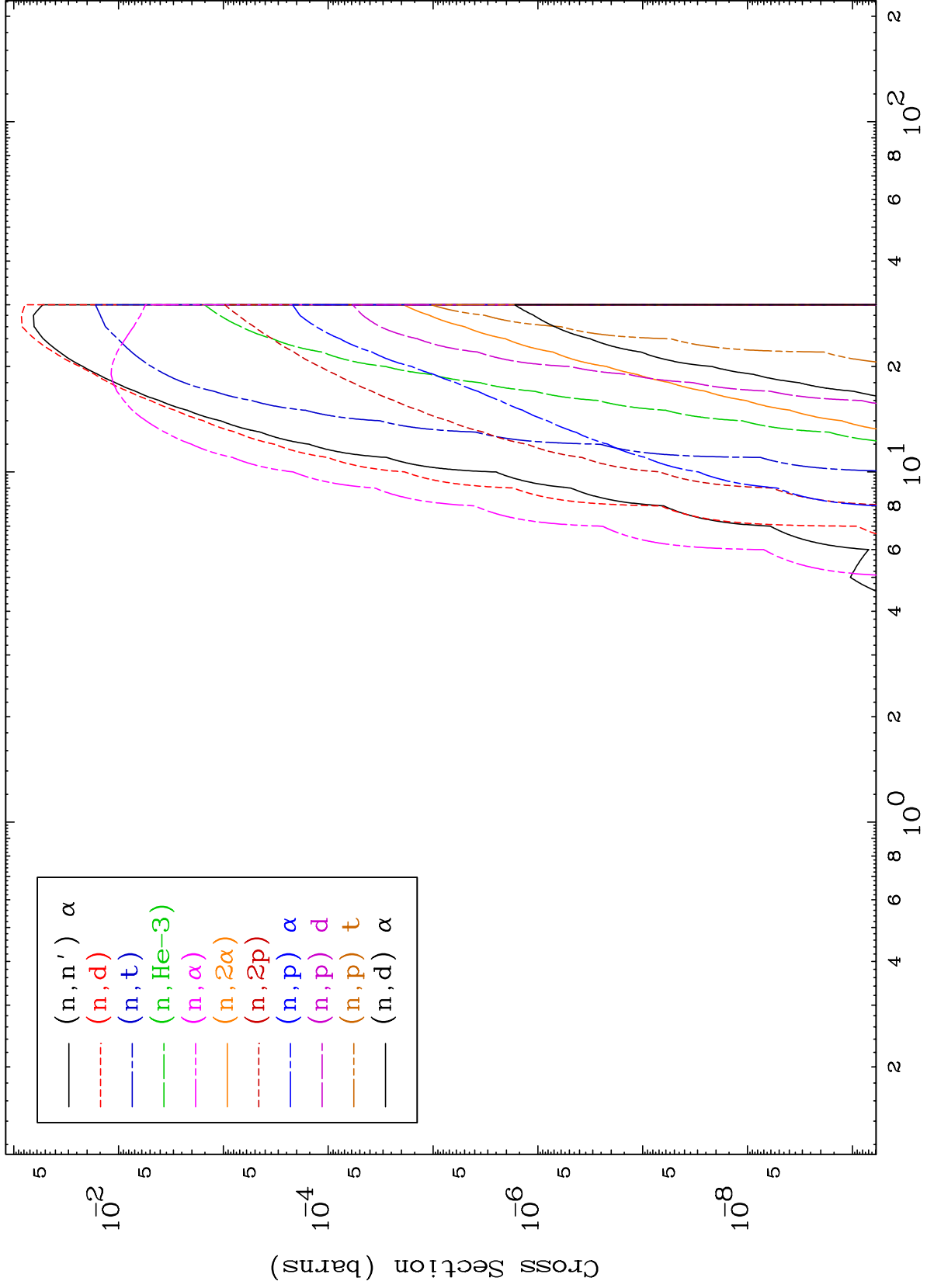




MAT 8201

Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-196

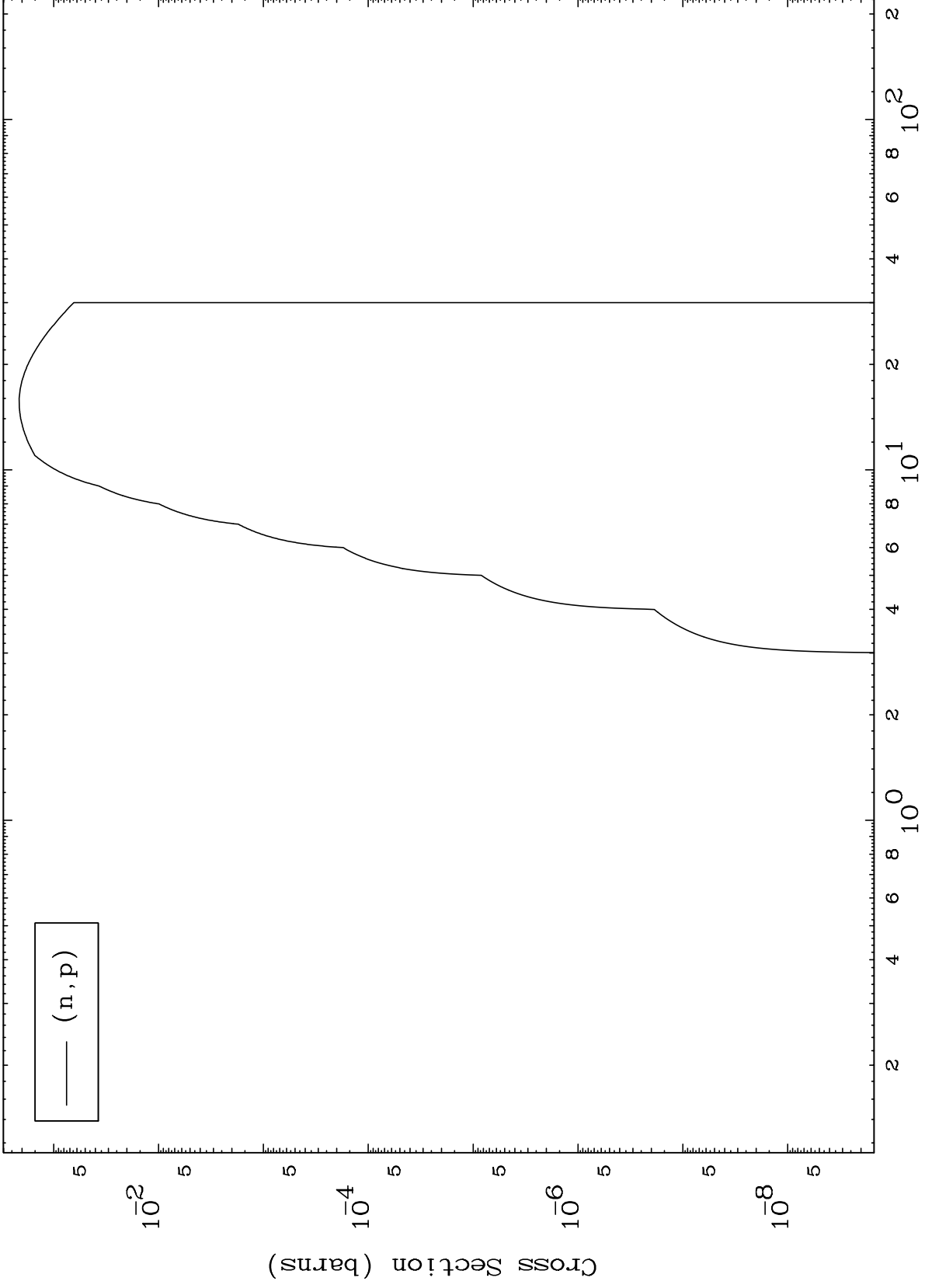


MAT 8201

(d,p) Levels

82-Pb-196

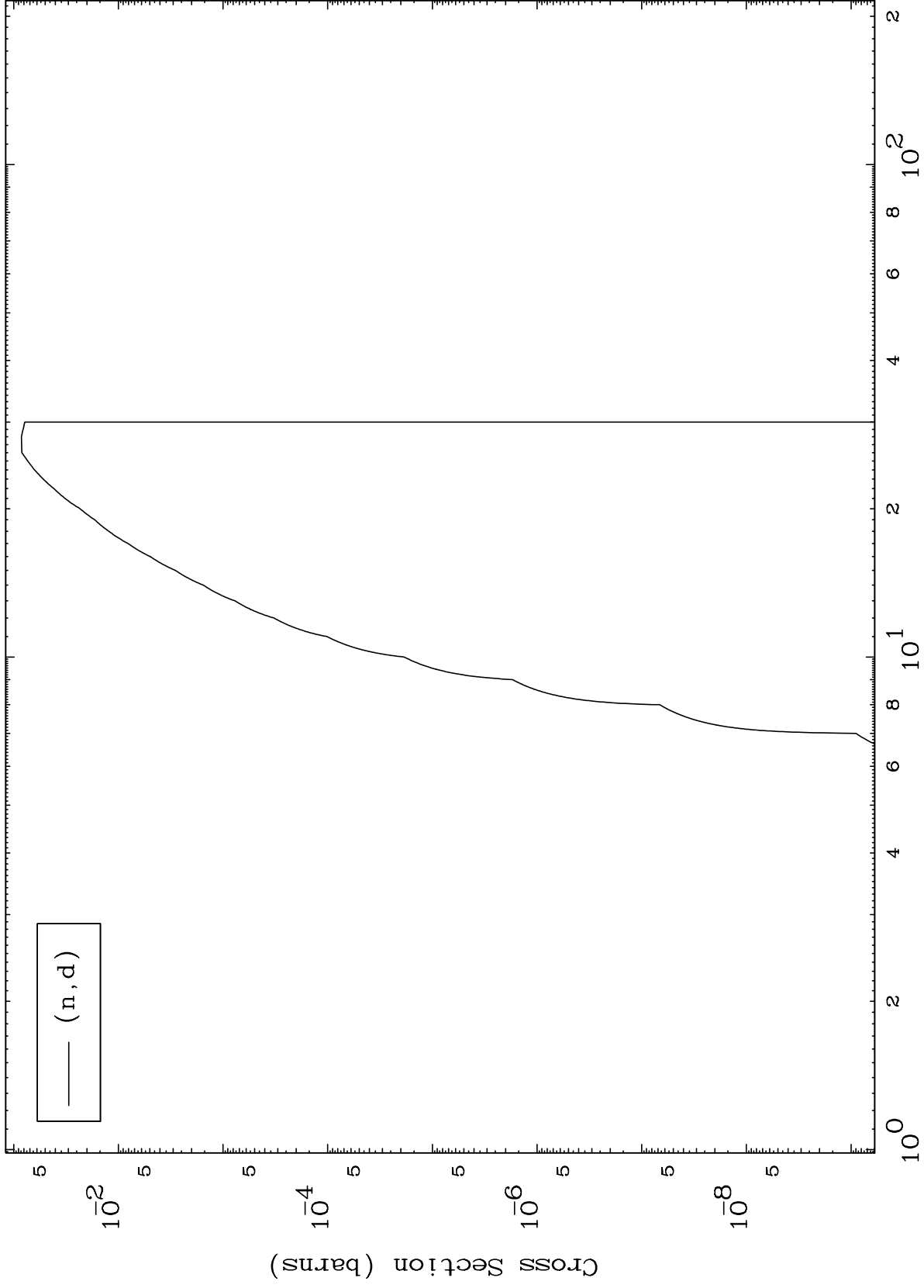
0 Kelvin Cross Sections



MAT 8201

(d,d) Levels  
0 Kelvin Cross Sections

82-Pb-196



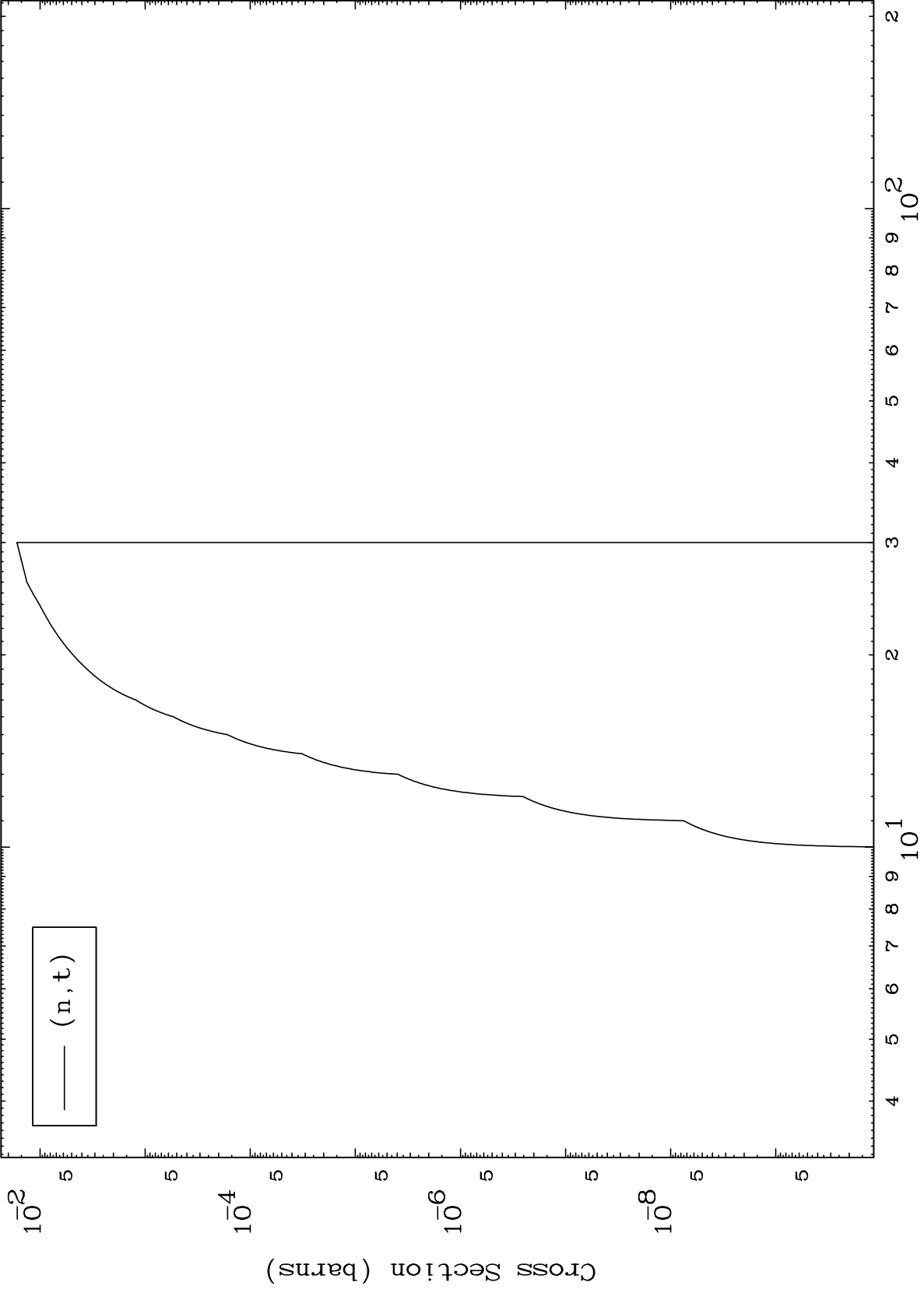
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(d,t) Levels  
0 Kelvin Cross Sections

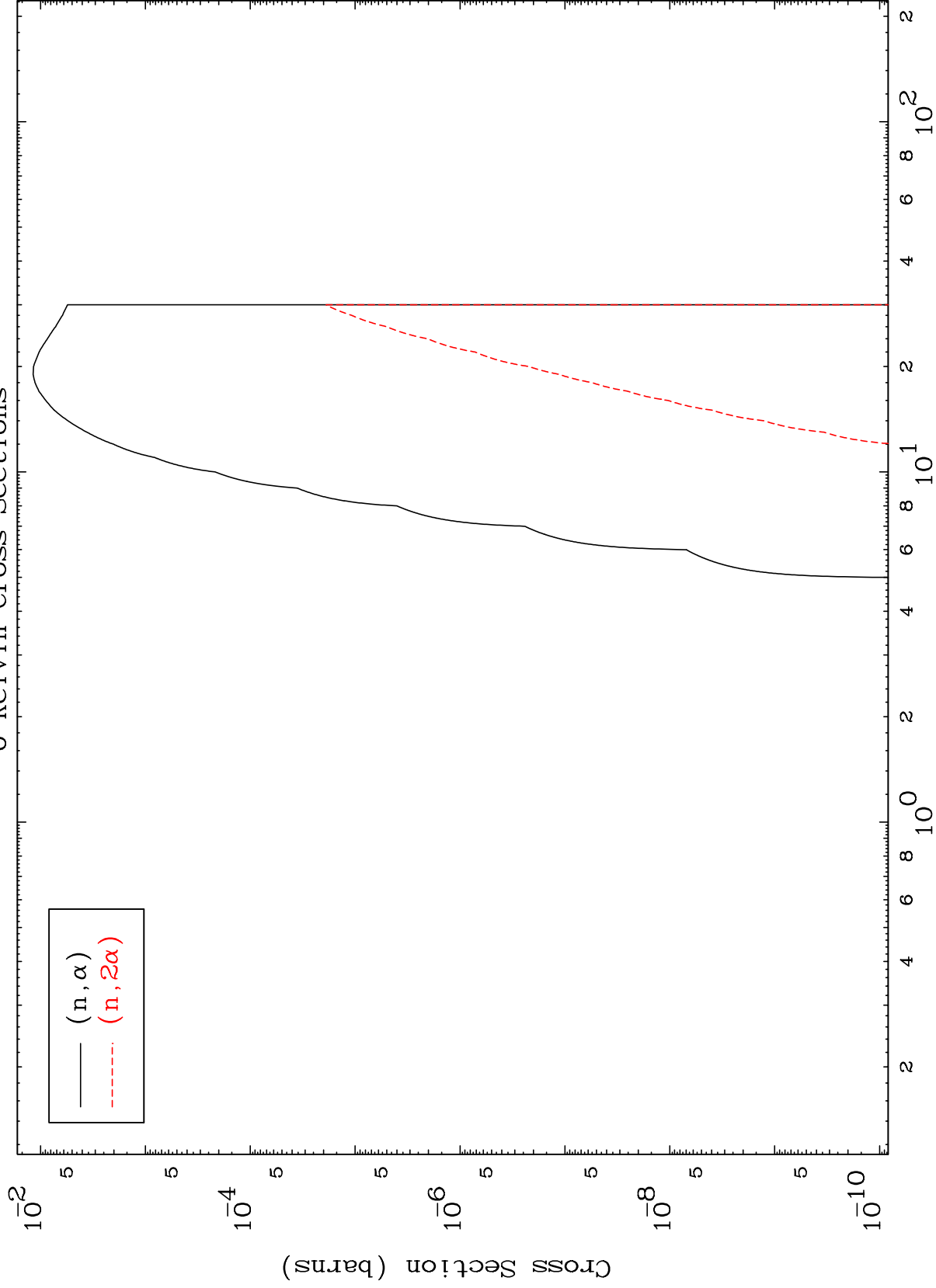




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82-Pb-196

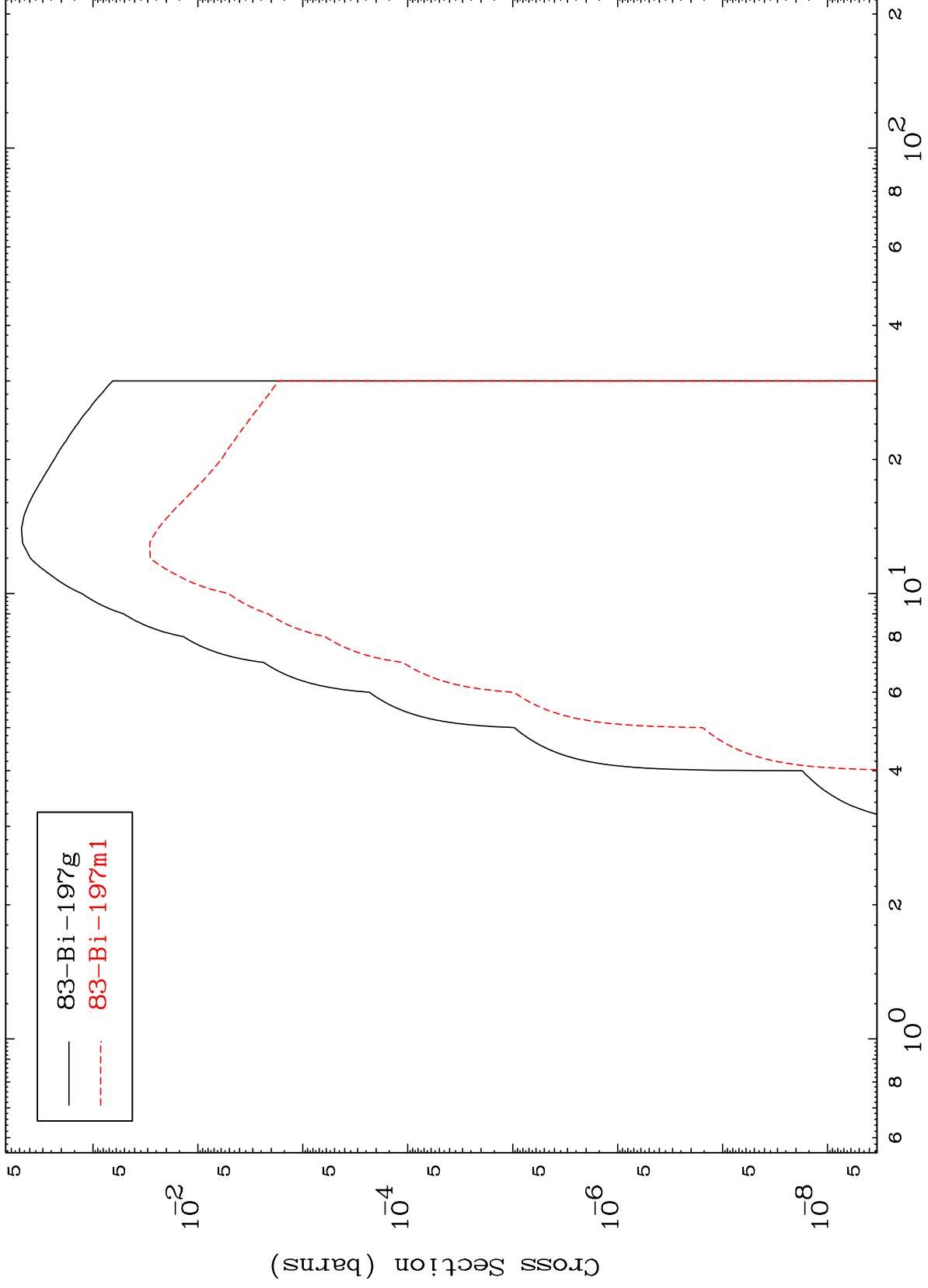
(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8201

82-Pb-196

Inelastic  
Radionuclide Production Cross Section

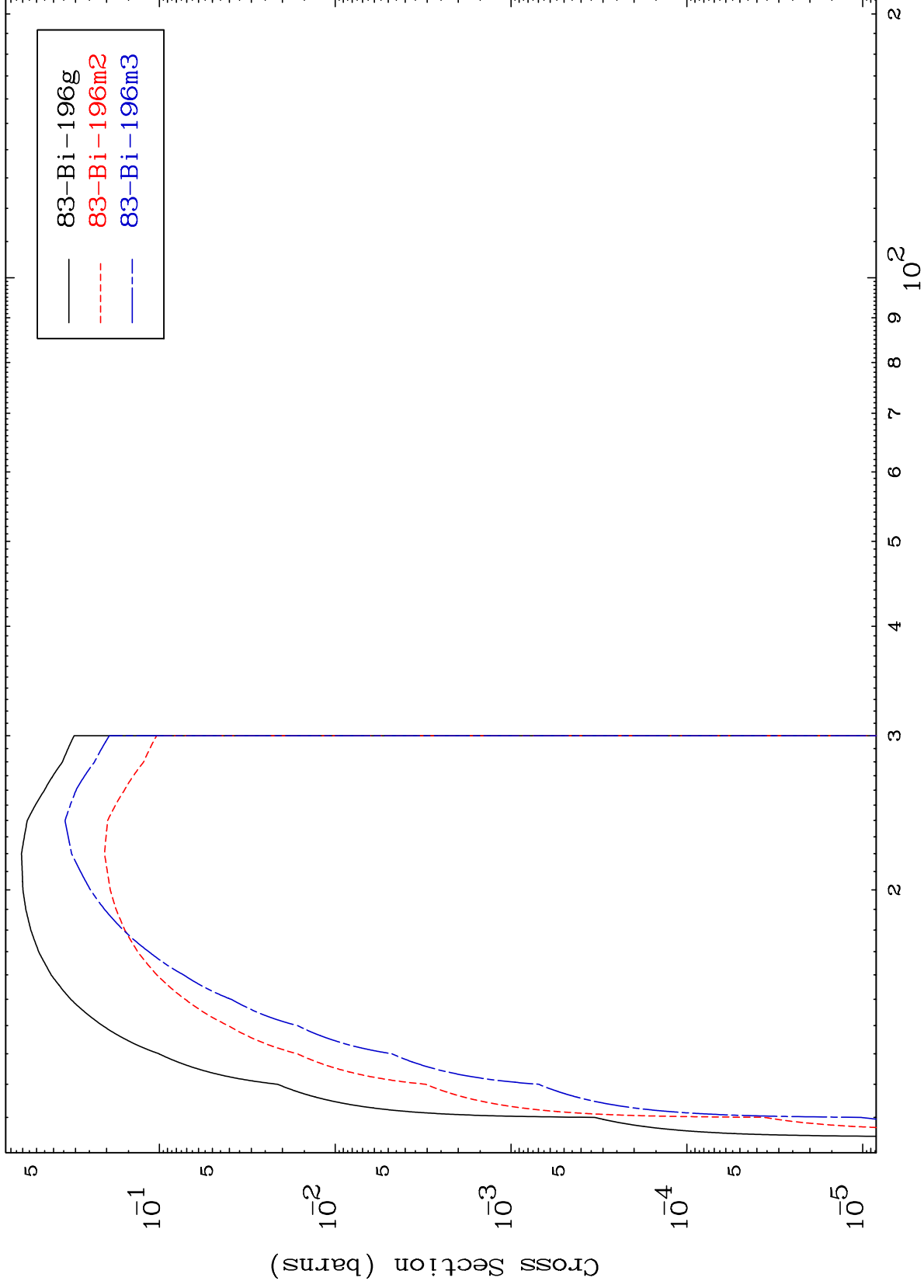


12

Incident Energy (MeV)

82-Pb-196

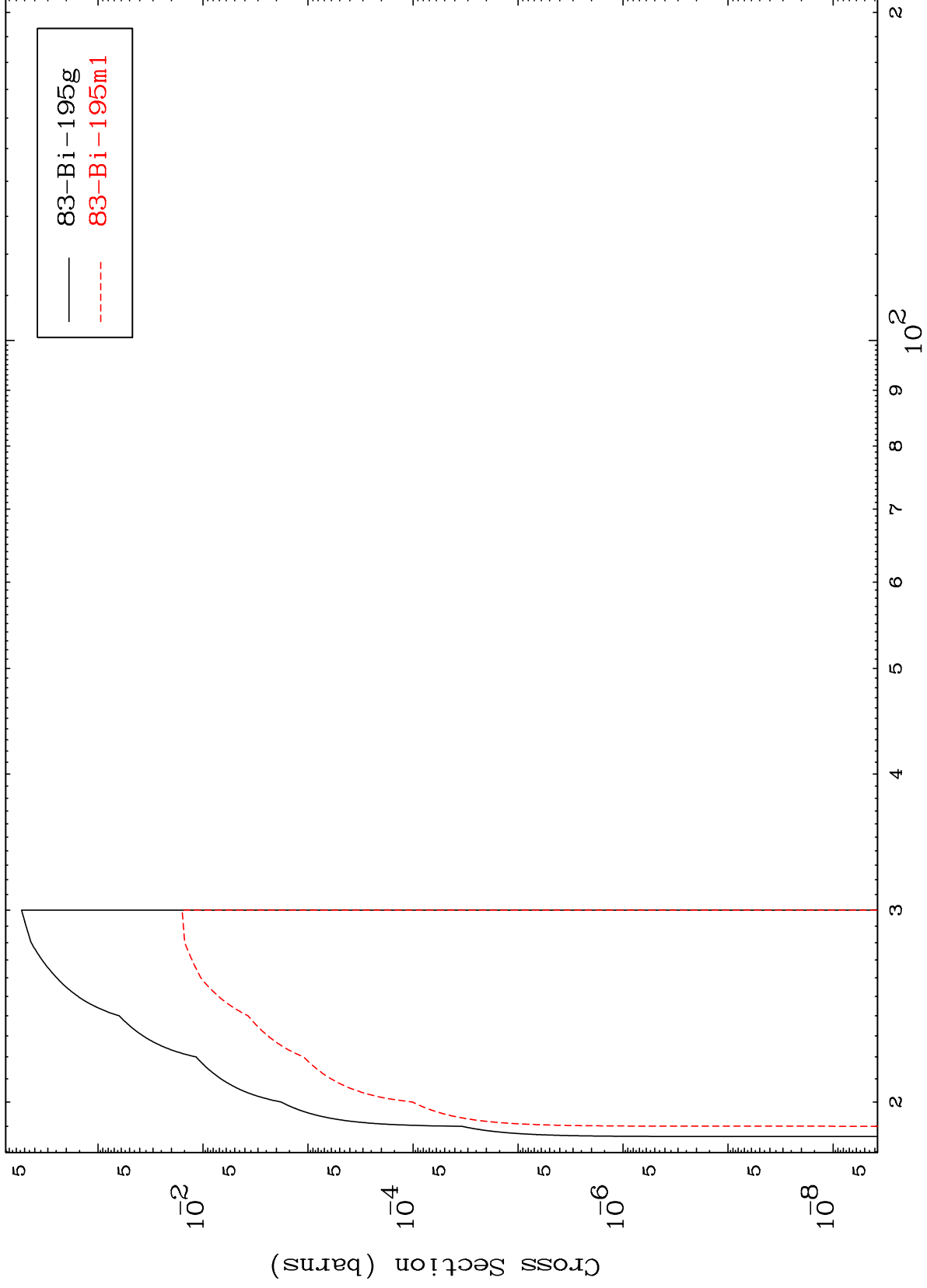
(n,2n)  
Radionuclide Production Cross Section



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82-Pb-196

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

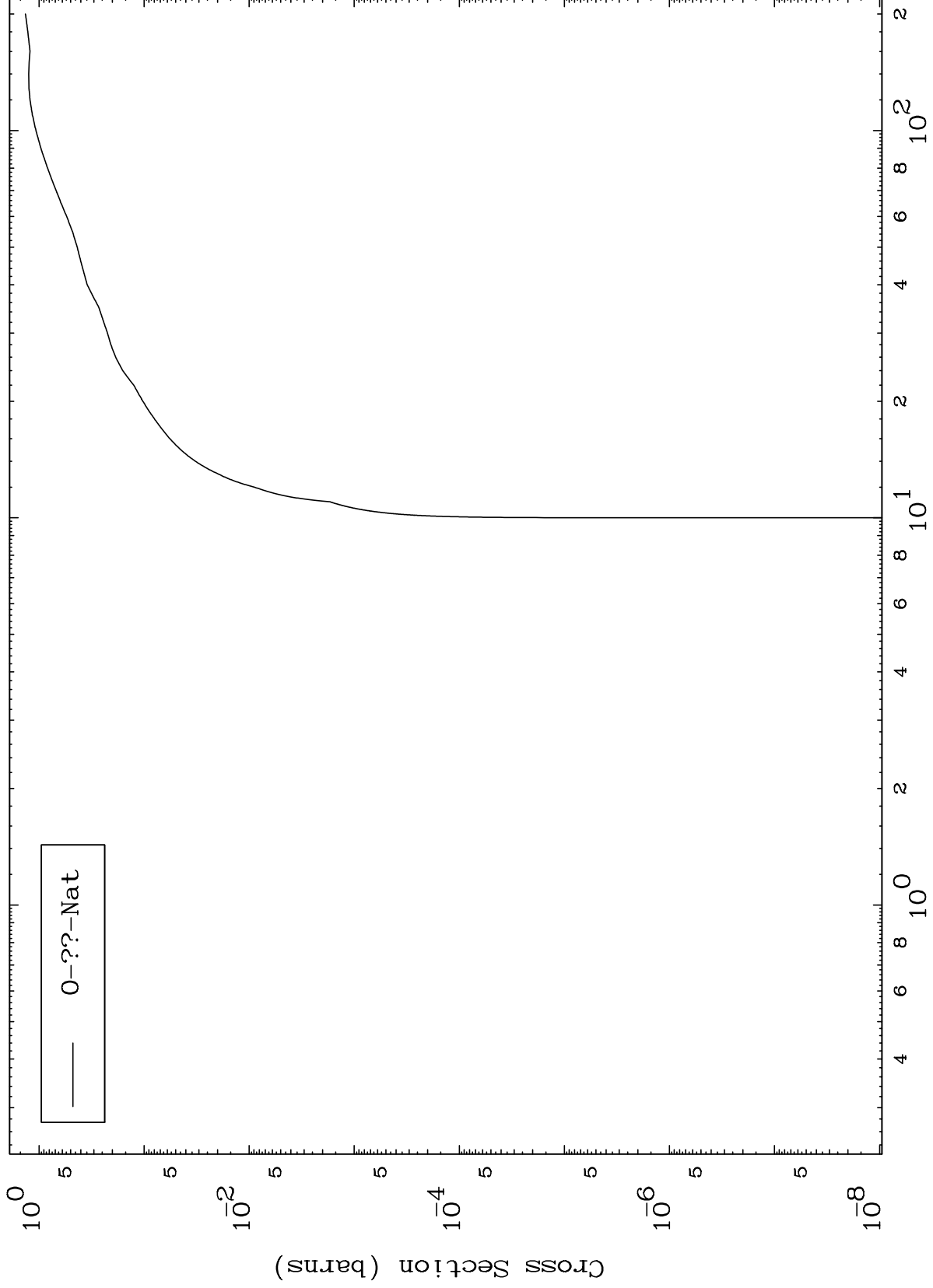
82-Pb-196

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Fission

82-Pb-196

Radionuclide Production Cross Section



15

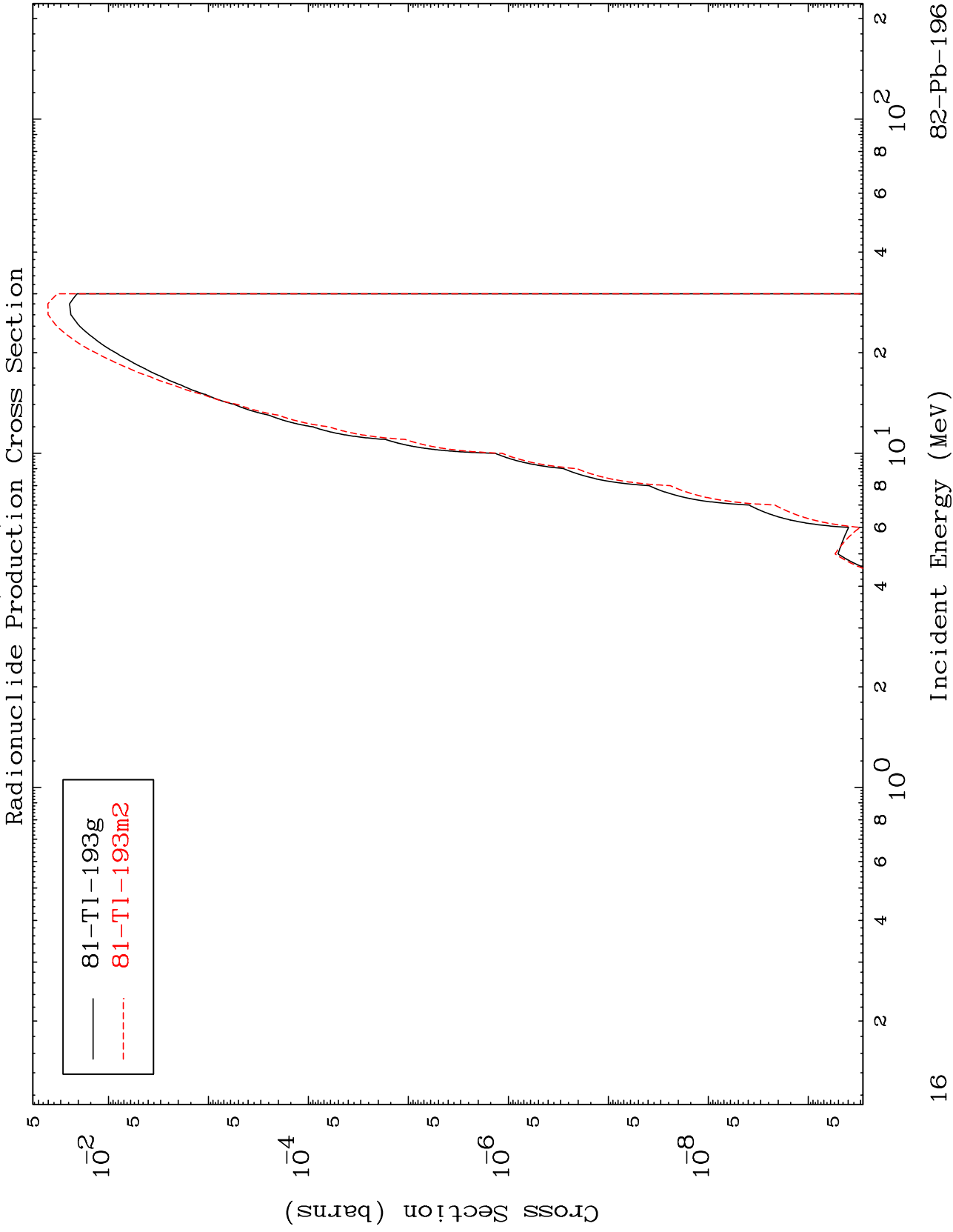
Incident Energy (MeV)

82-Pb-196

MAT 8201

$(n, n') \alpha$

82-Pb-196

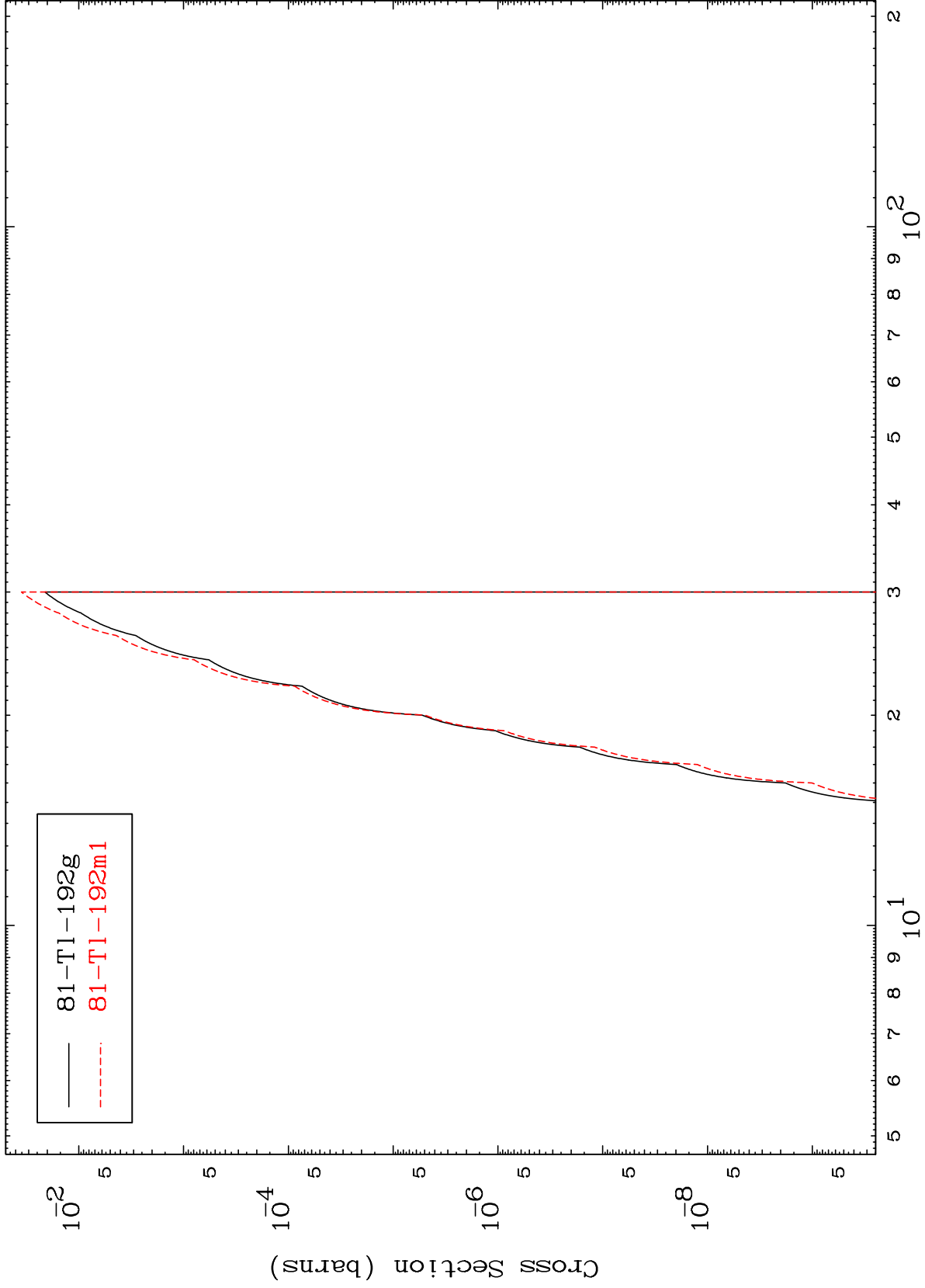


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(n,2n)  $\alpha$

82-Pb-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

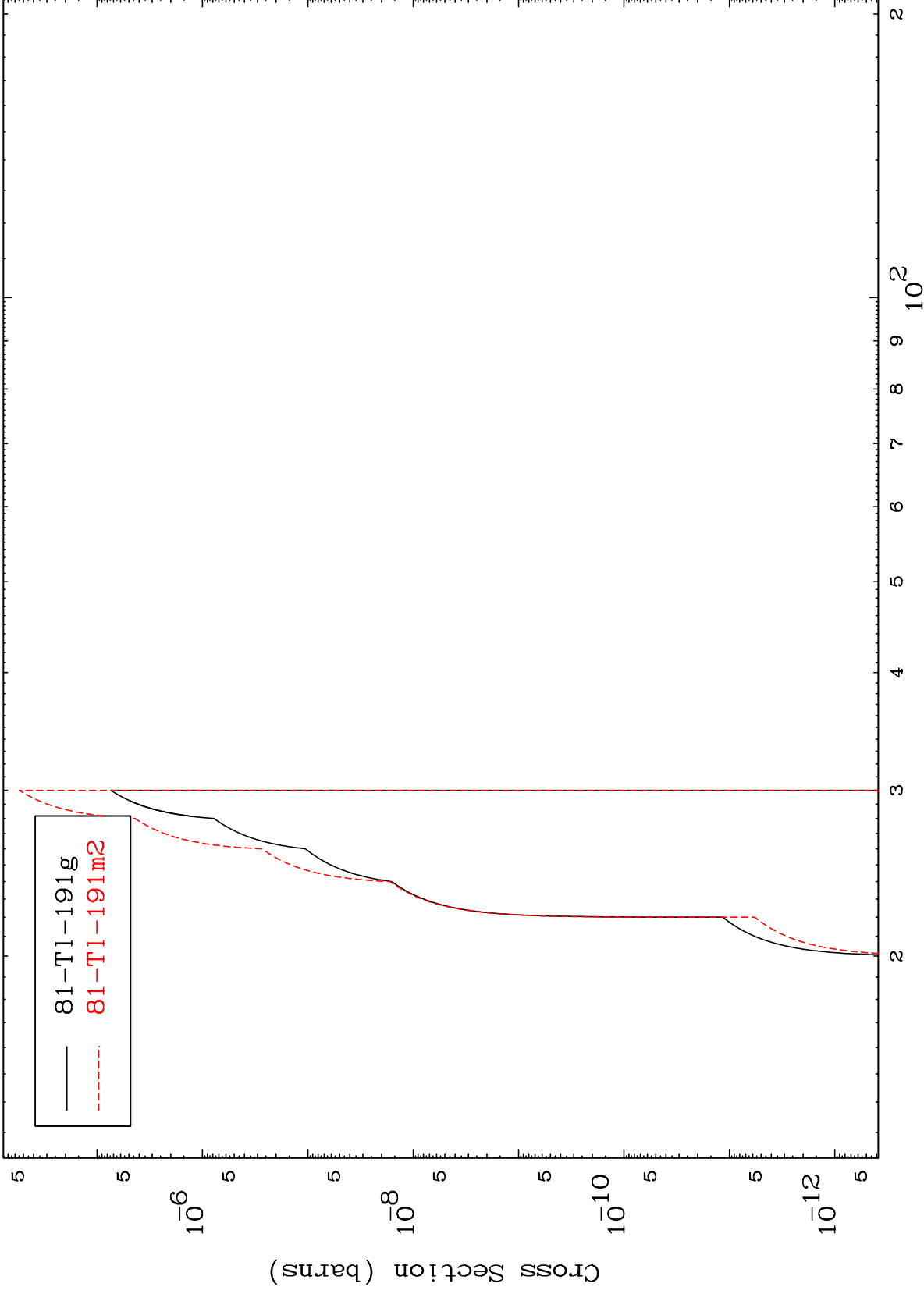
82-Pb-196

MAT 8201

(n,3n)  $\alpha$

82-Pb-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

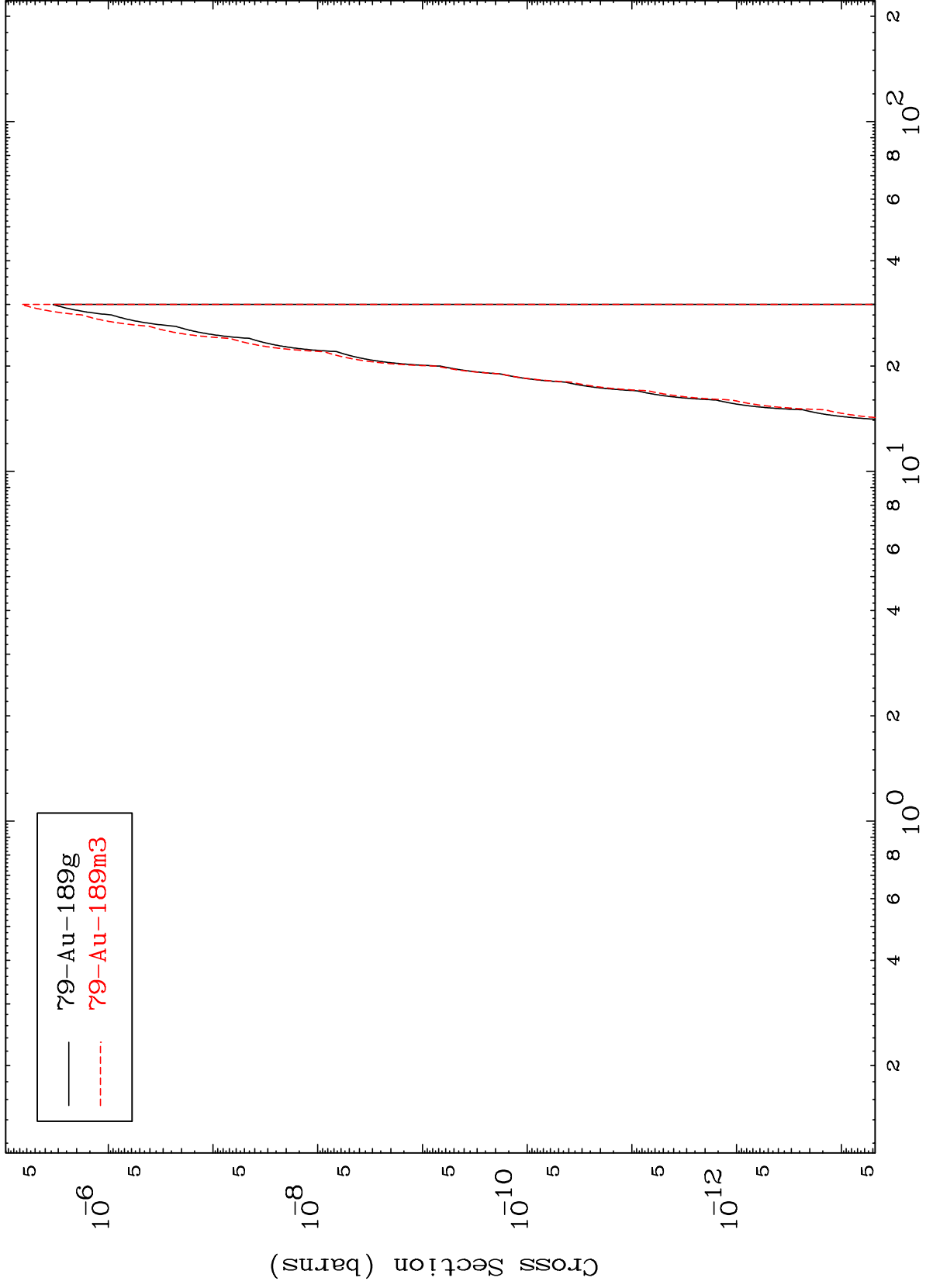
82-Pb-196

MAT 8201

(n,n') 2α

82-Pb-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

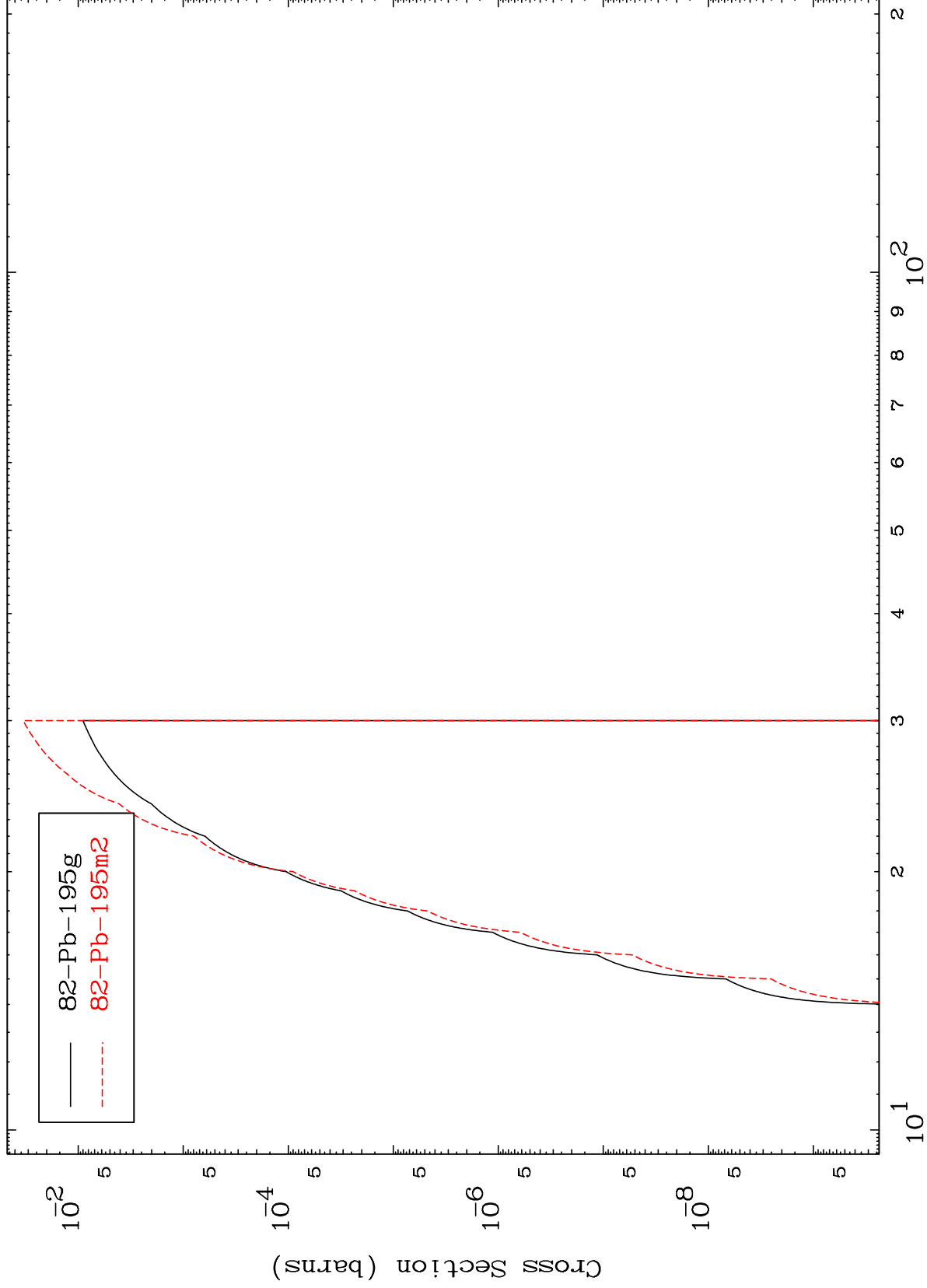
82-Pb-196

MAT 8201

(n,n') d

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

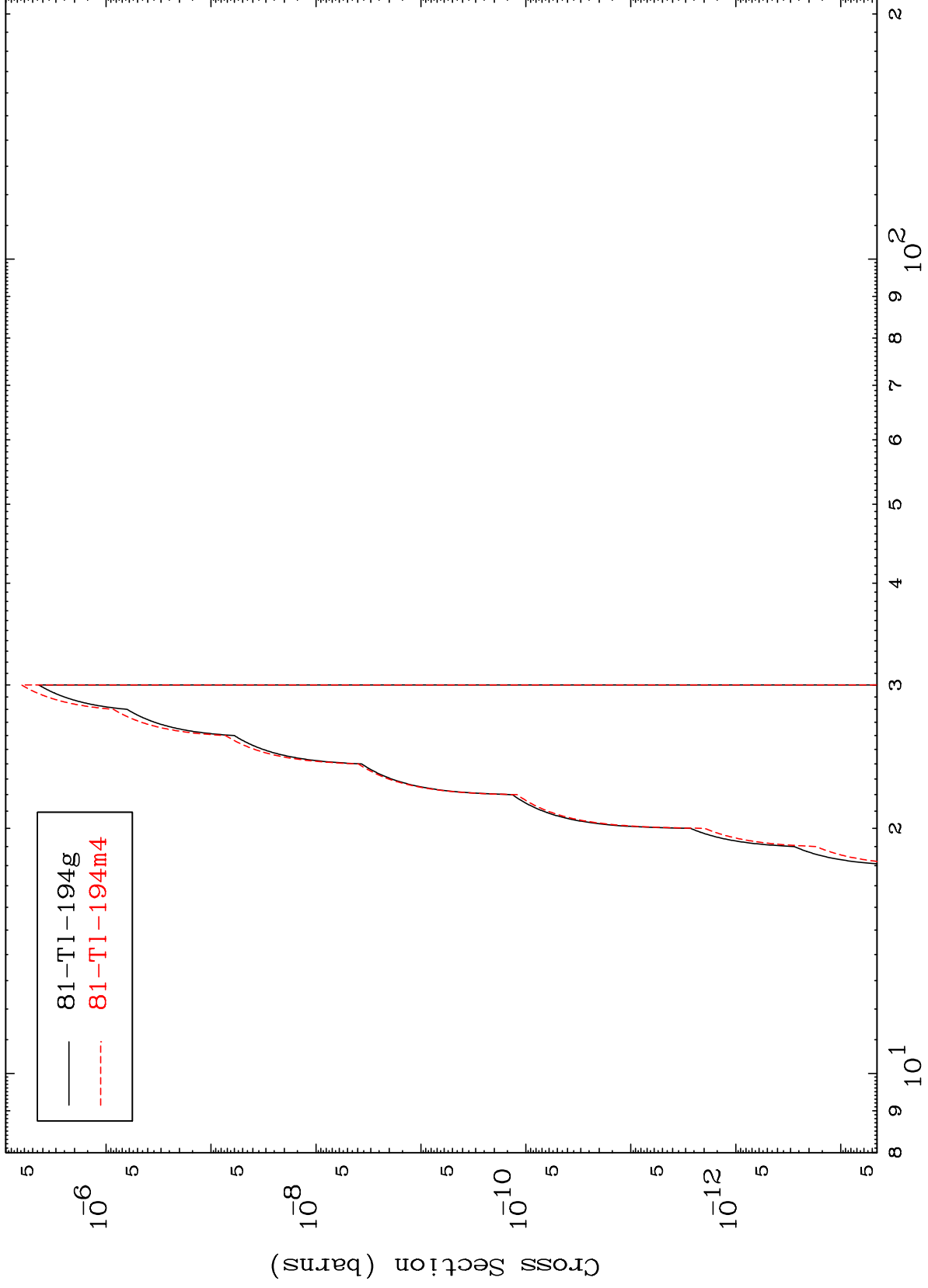
82-Pb-196

MAT 8201

(n,n') He-3

82-Pb-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

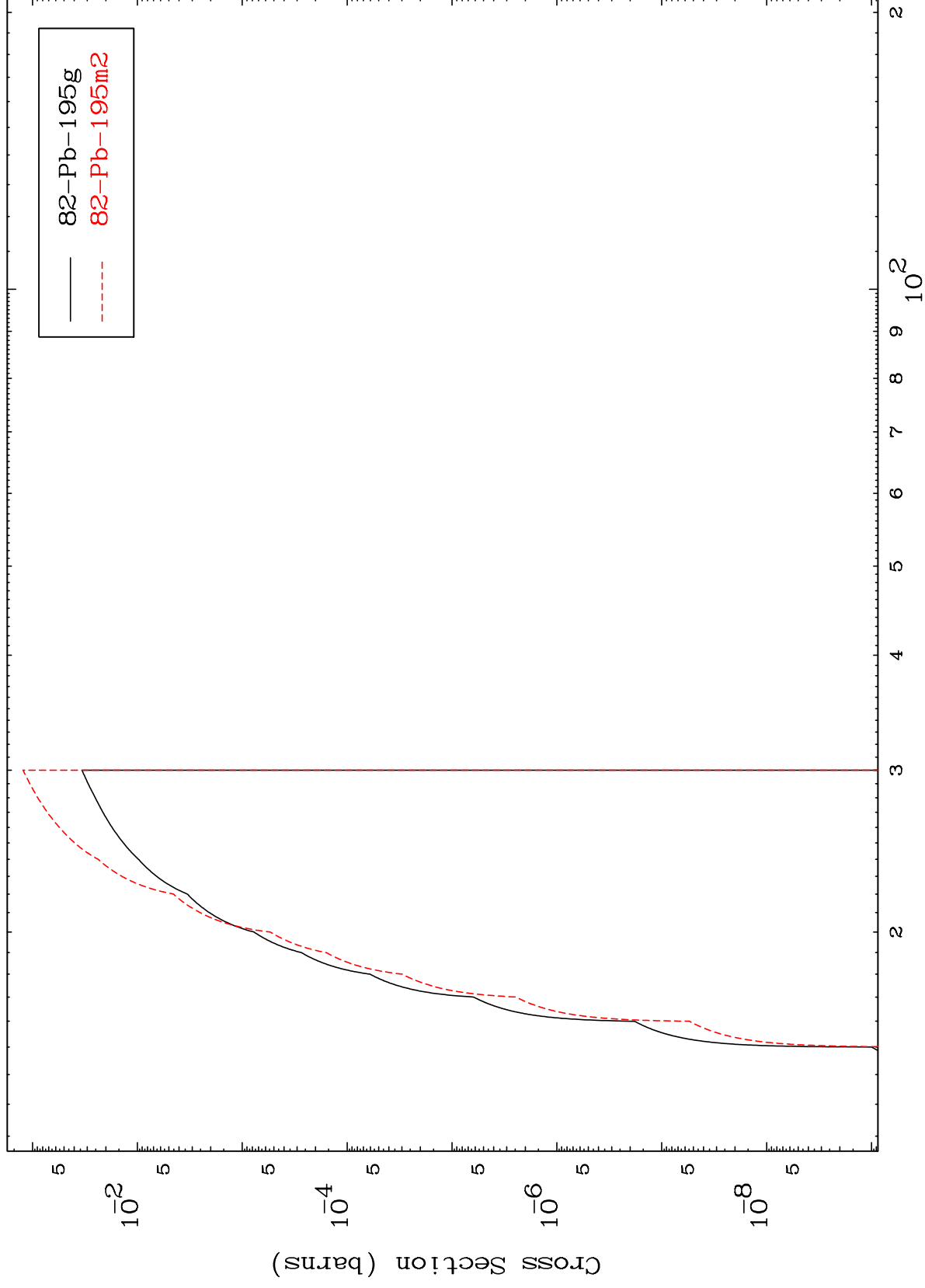
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

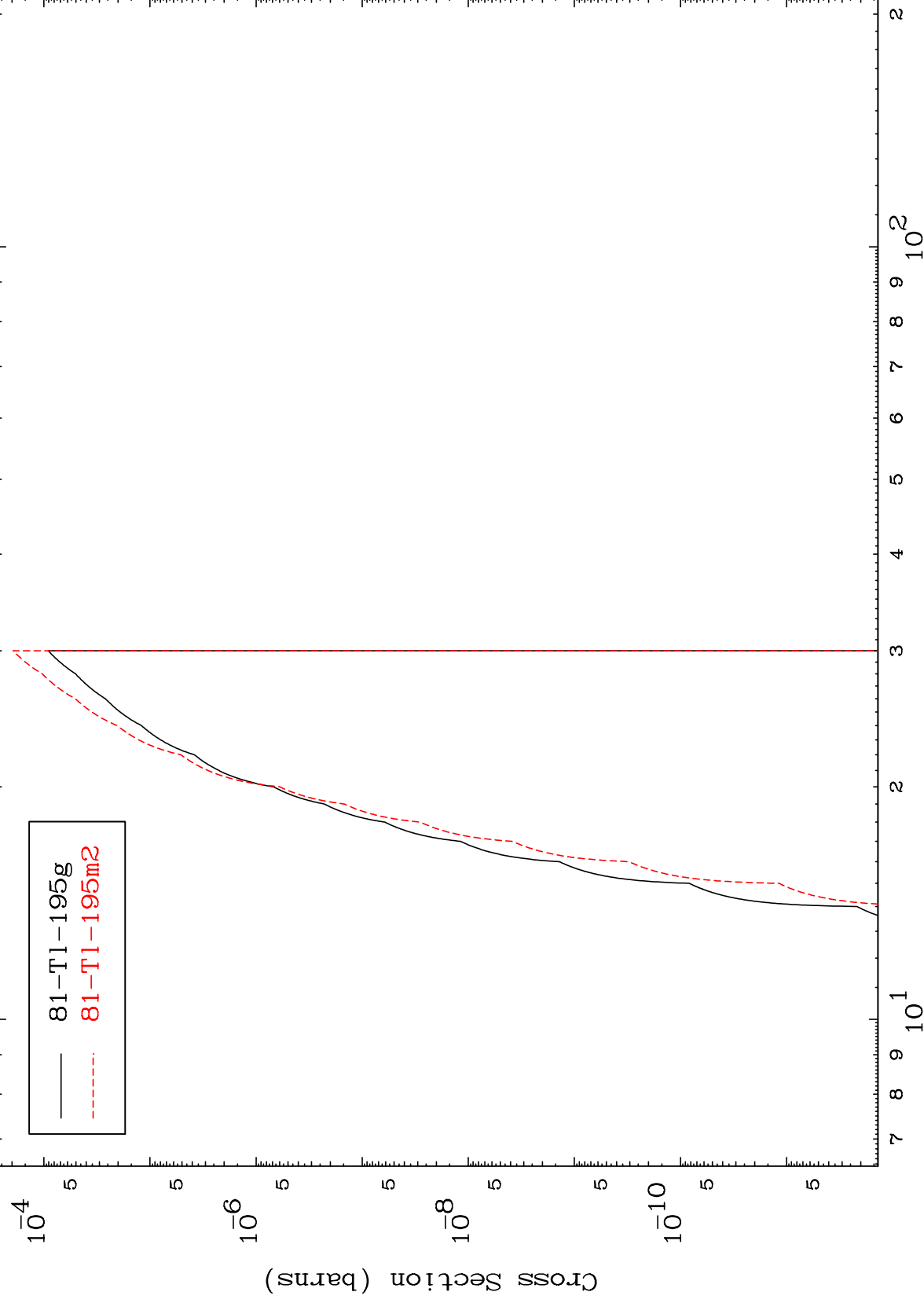
82-Pb-196

MAT 8201

(n,2n) p

82-Pb-196

Radionuclide Production Cross Section



23

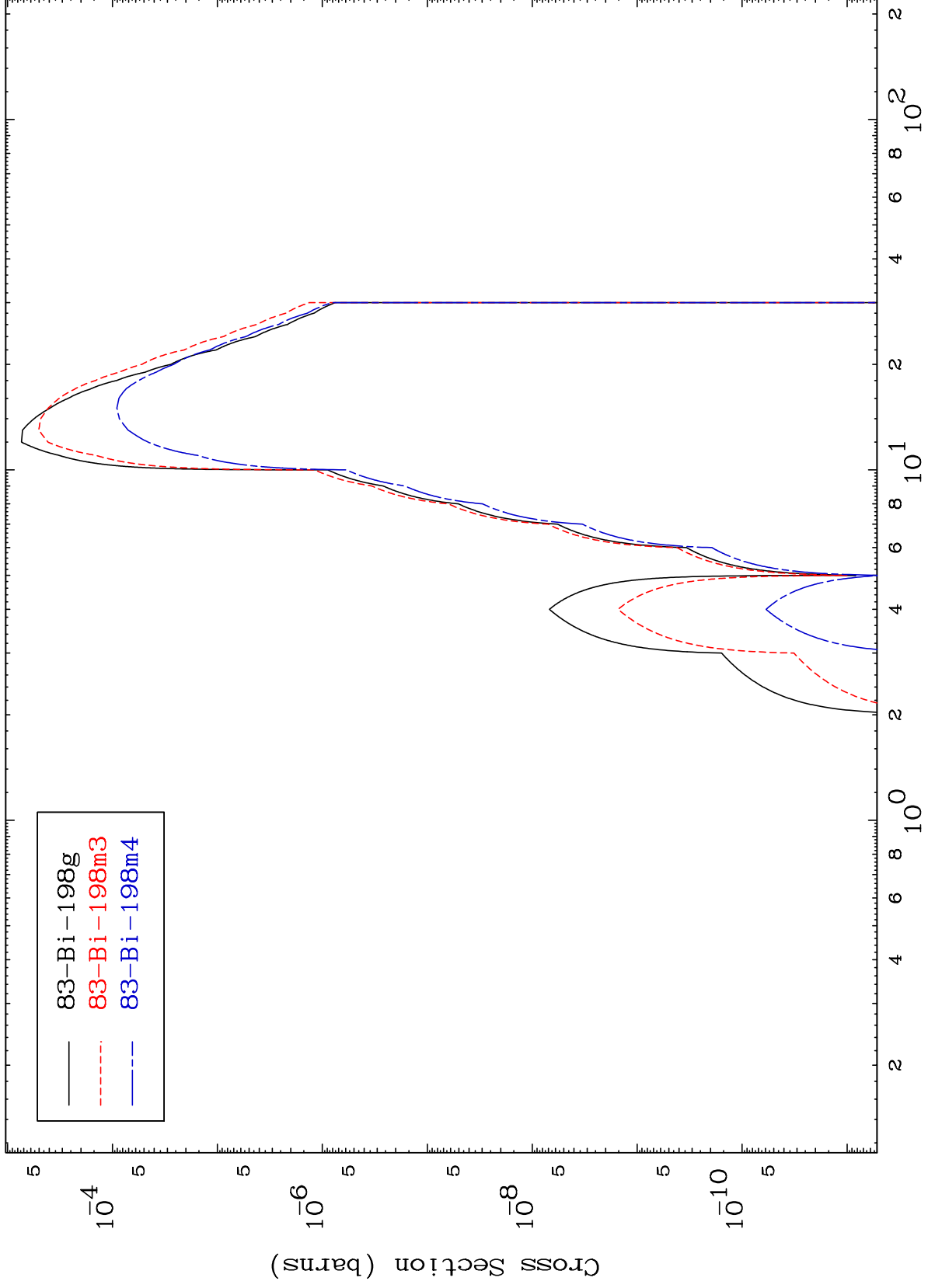
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

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



24

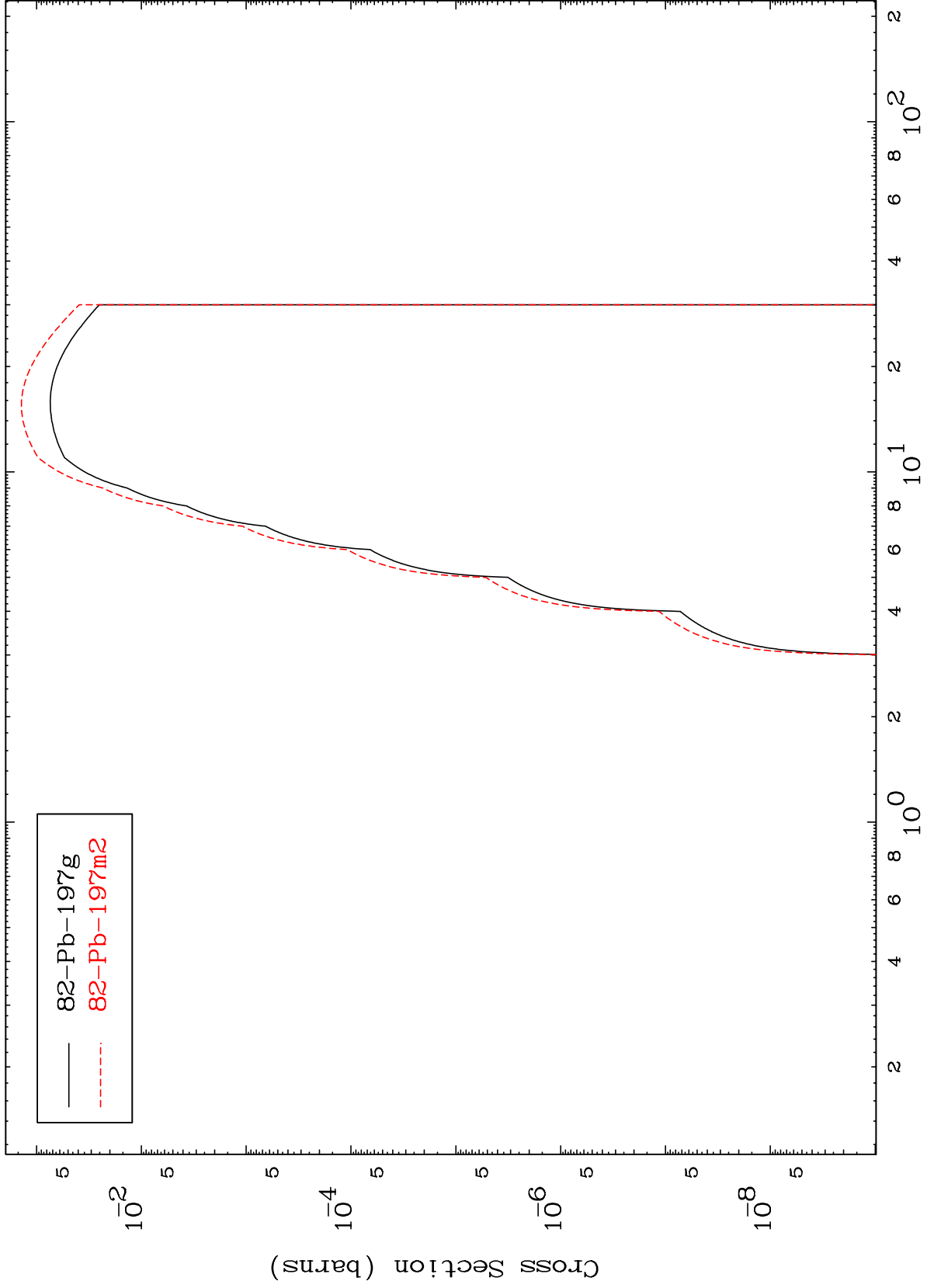
82-Pb-196

Incident Energy (MeV)

MAT 8201

82-Pb-196

(n,p)  
Radionuclide Production Cross Section



25

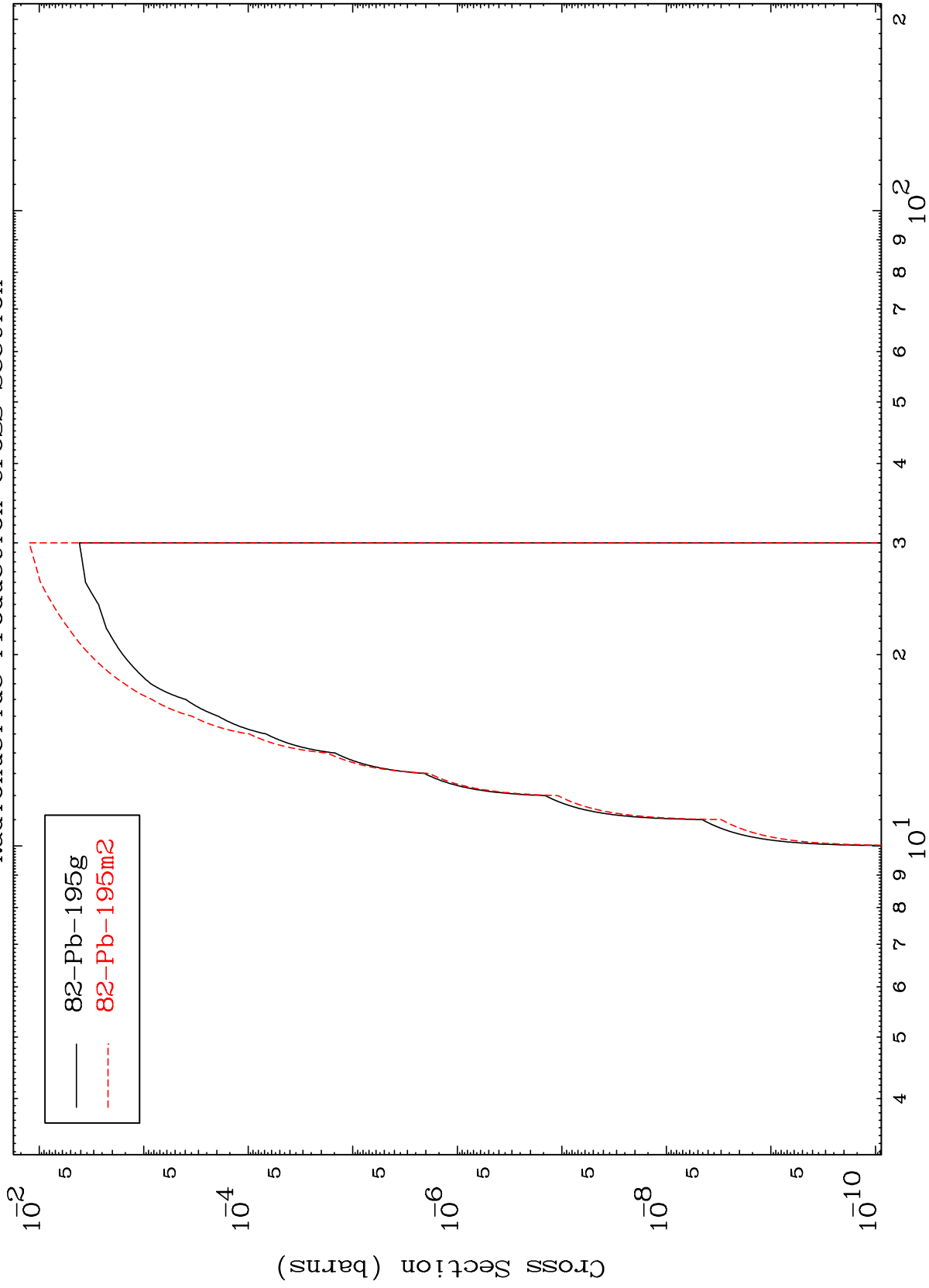
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n, t)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

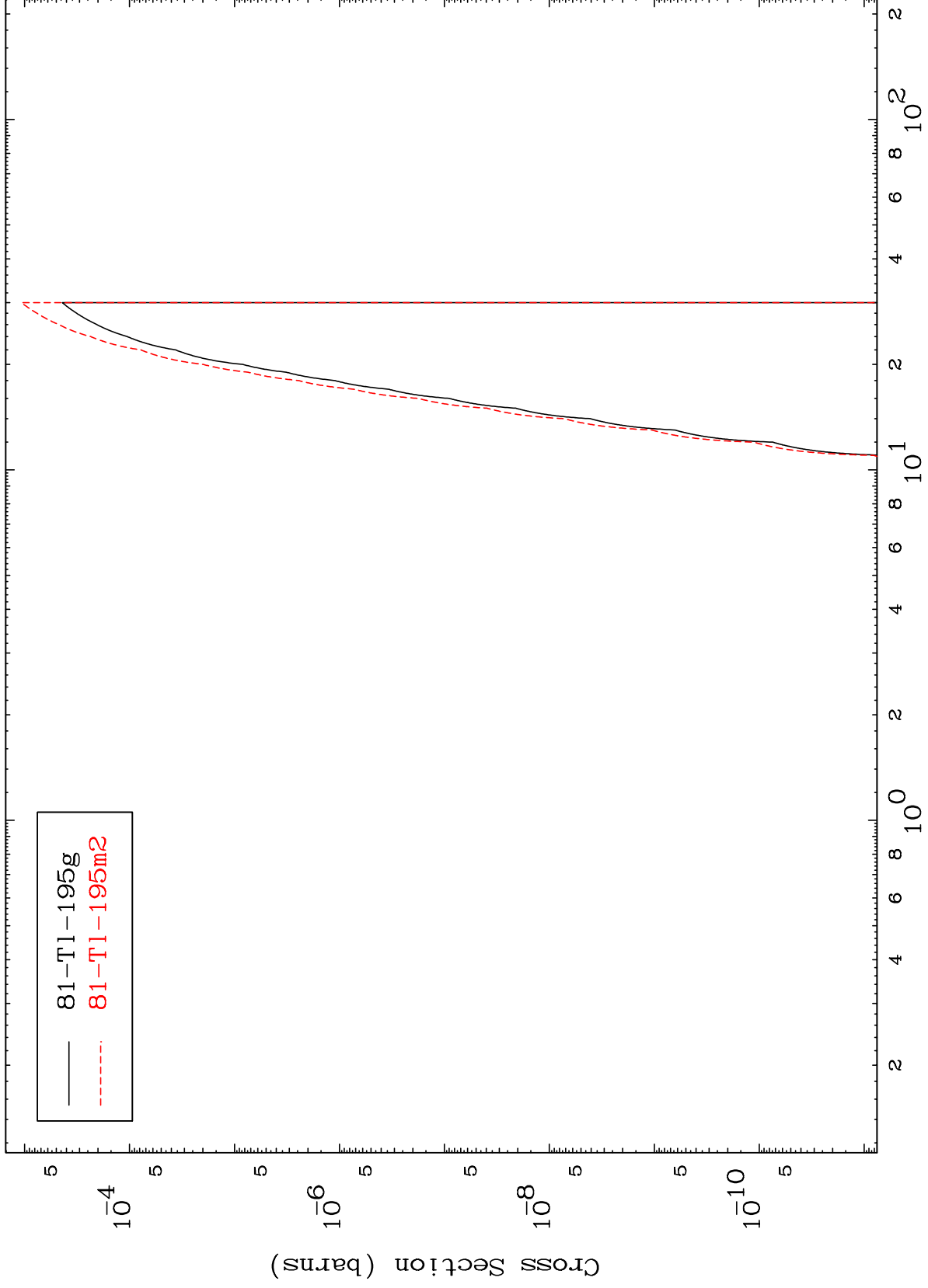
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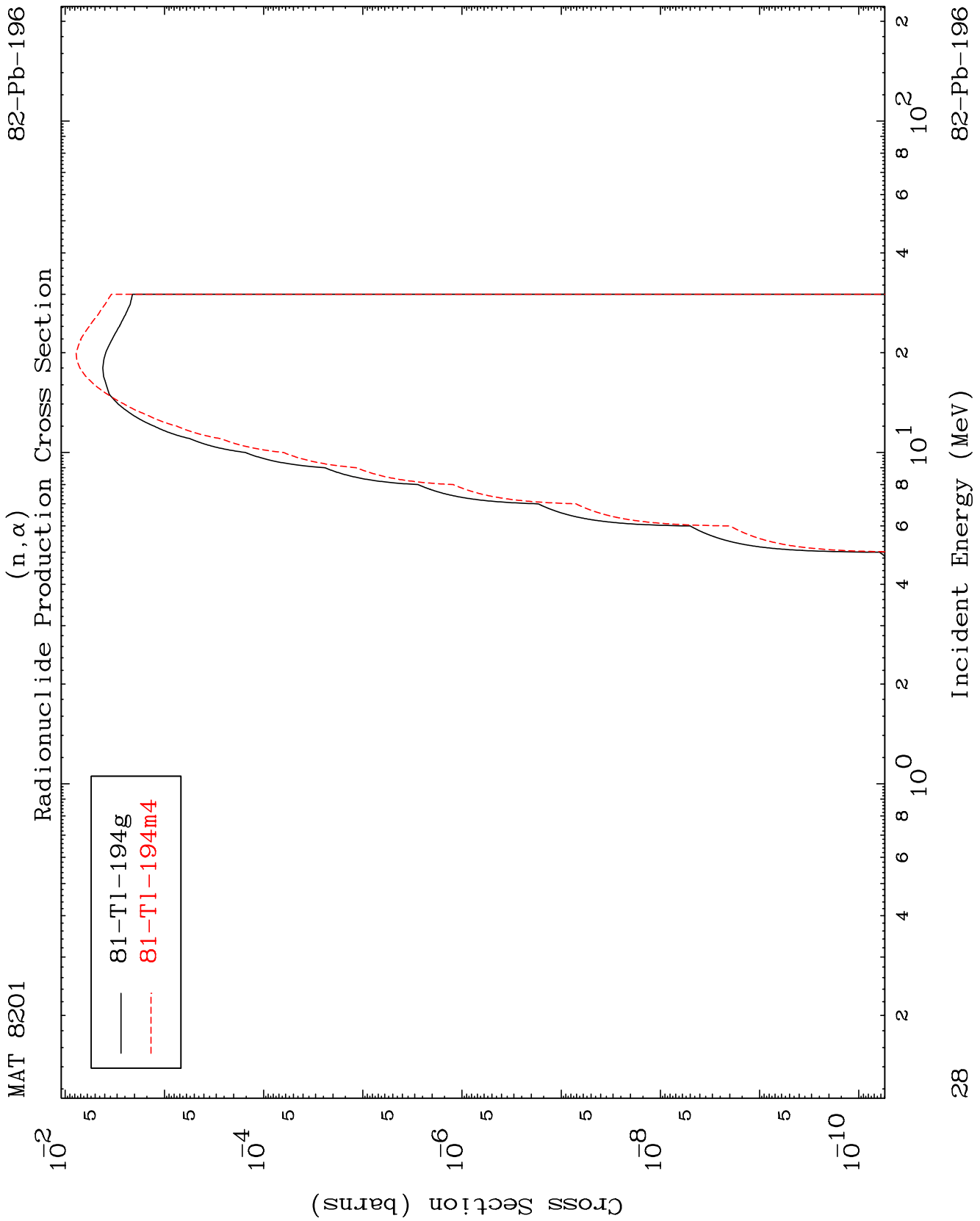
MAT 8201

(n,He-3)

82-Pb-196

Radionuclide Production Cross Section



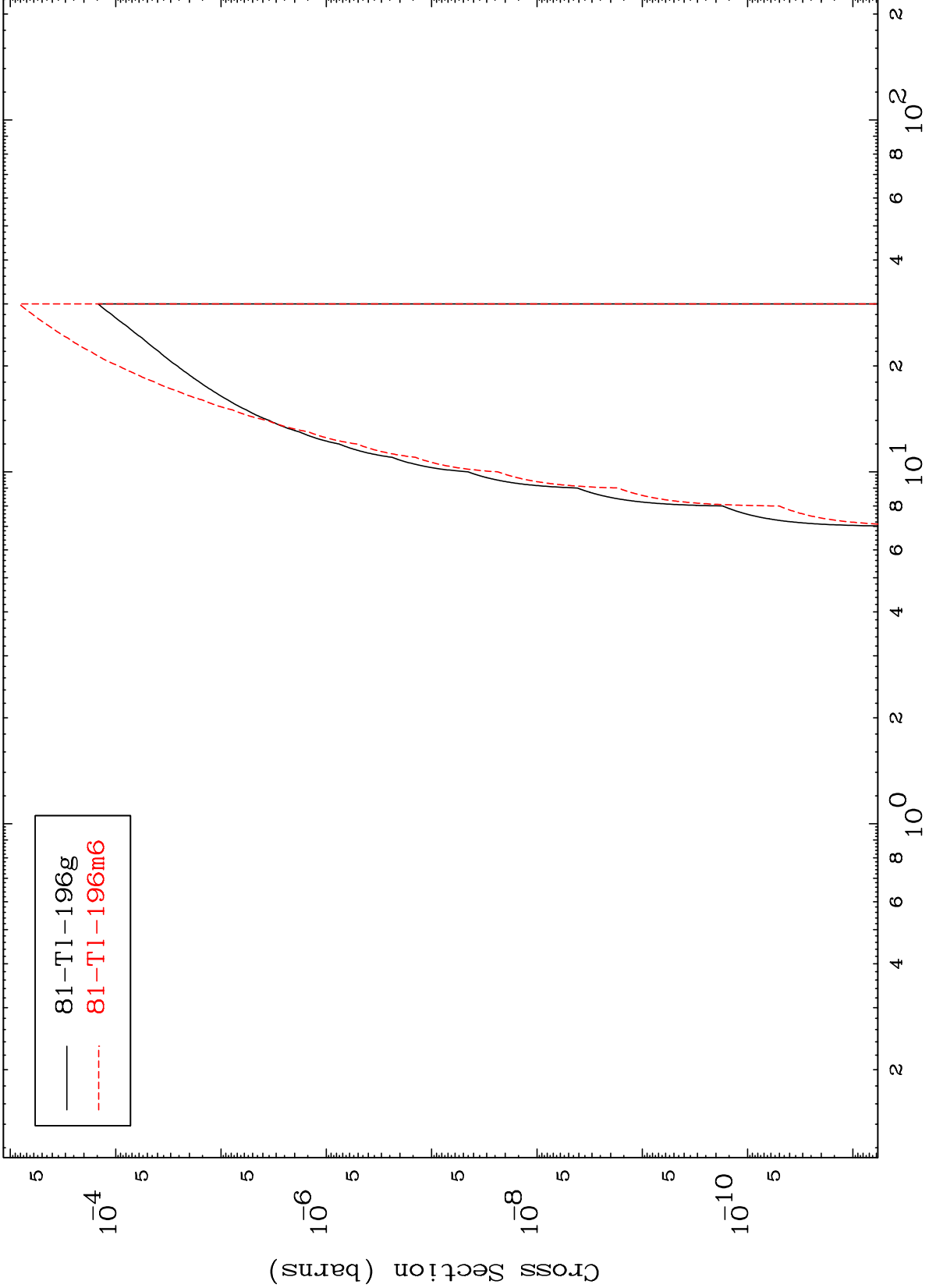
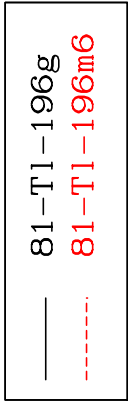


MAT 8201

(n,2p)

82-Pb-196

Radionuclide Production Cross Section



29

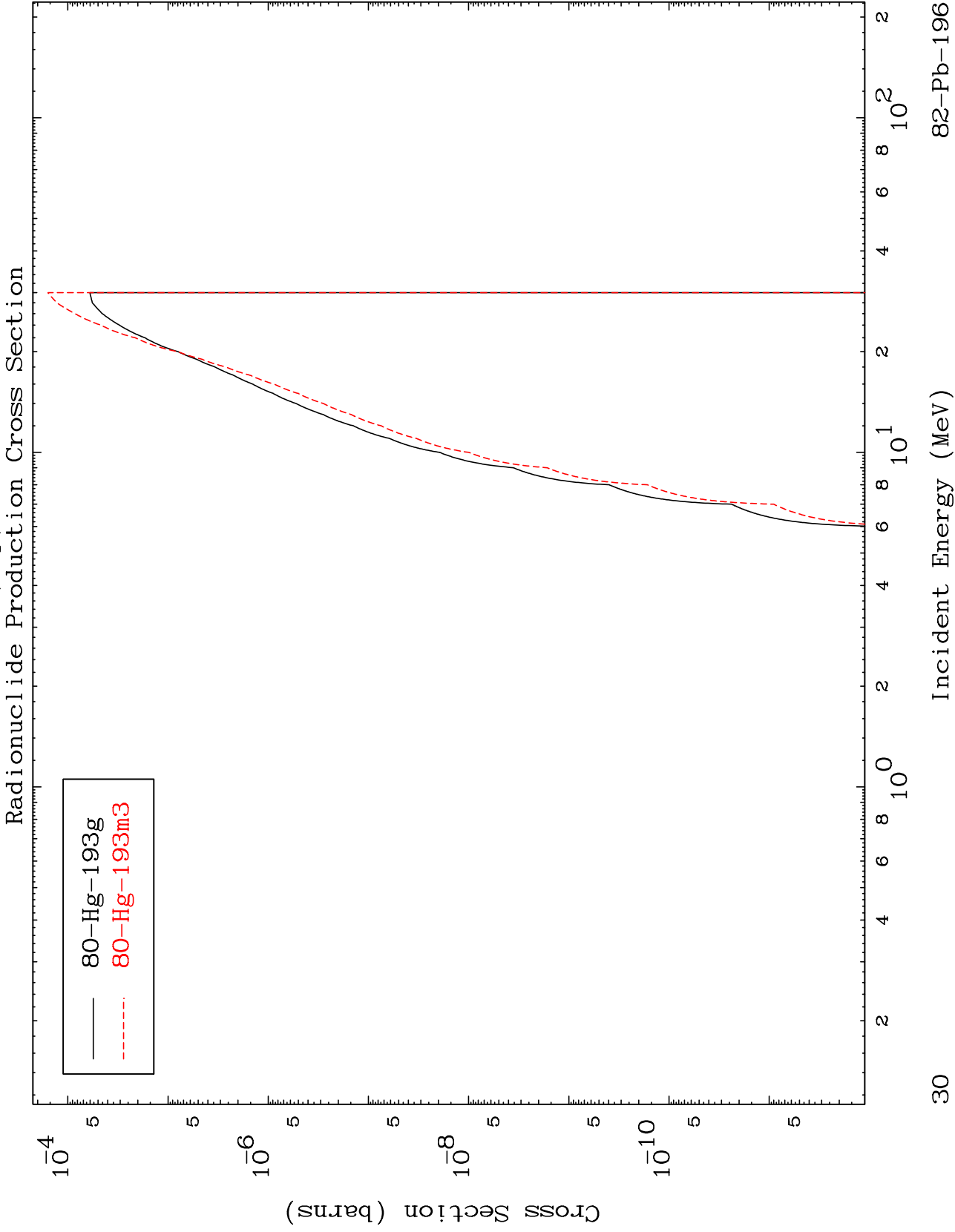
Incident Energy (MeV)

82-Pb-196

MAT 8201

(n,p)  $\alpha$

82-Pb-196

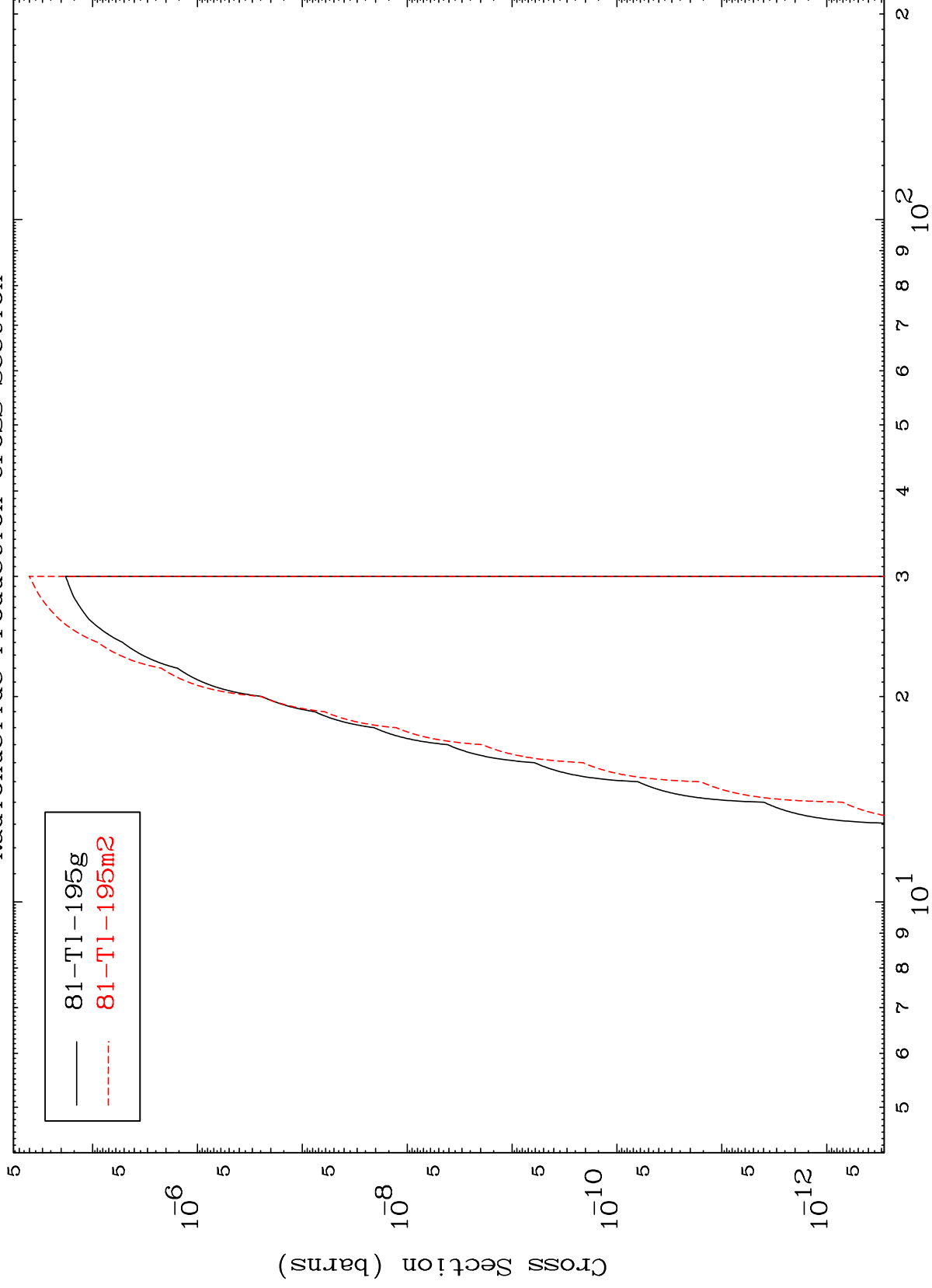


MAT 8201

(n,p) d

82-Pb-196

Radionuclide Production Cross Section



31

Incident Energy (MeV)

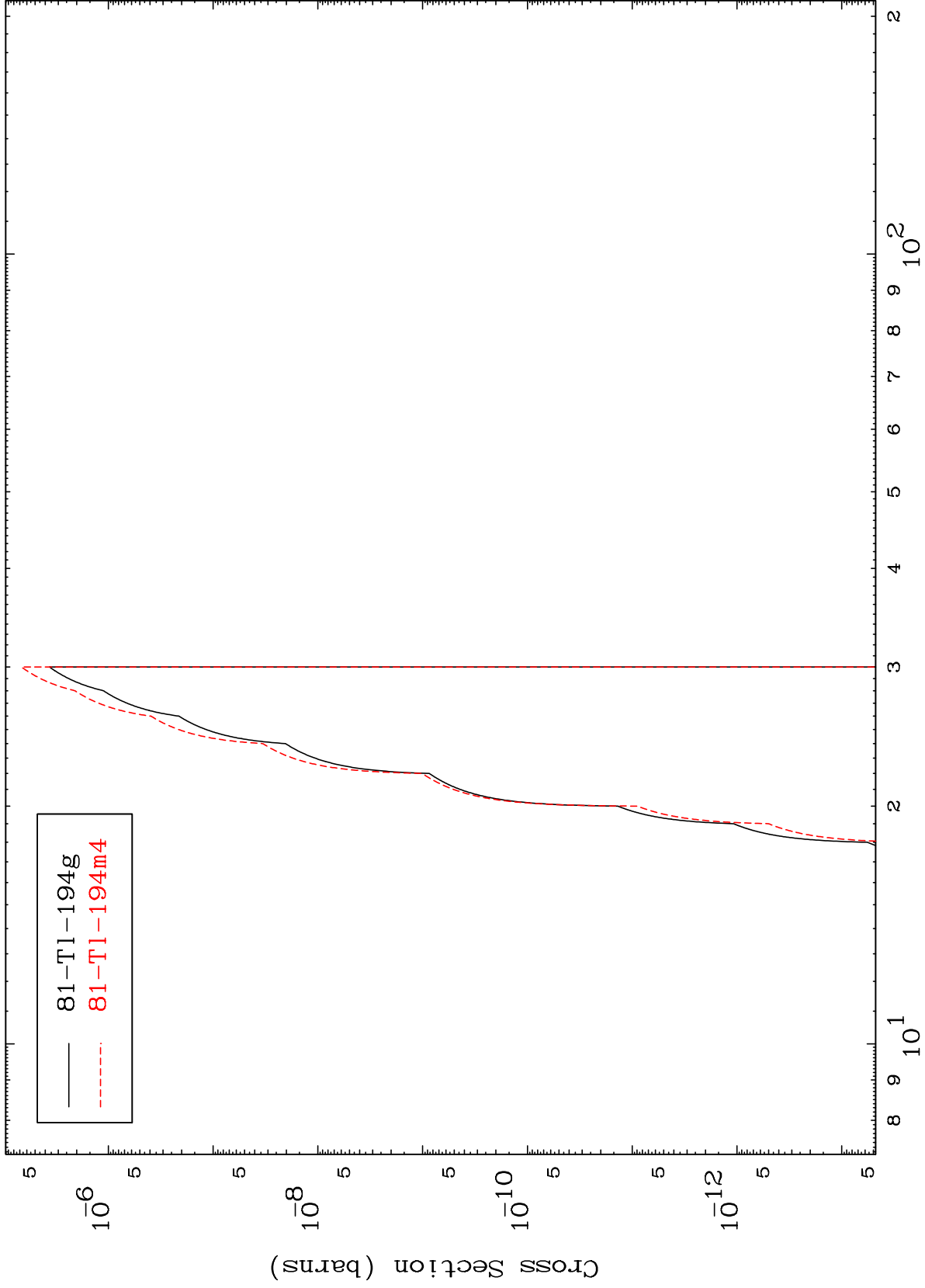
82-Pb-196

MAT 8201

(n,p) t

82-Pb-196

Radionuclide Production Cross Section



32

Incident Energy (MeV)

82-Pb-196