

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

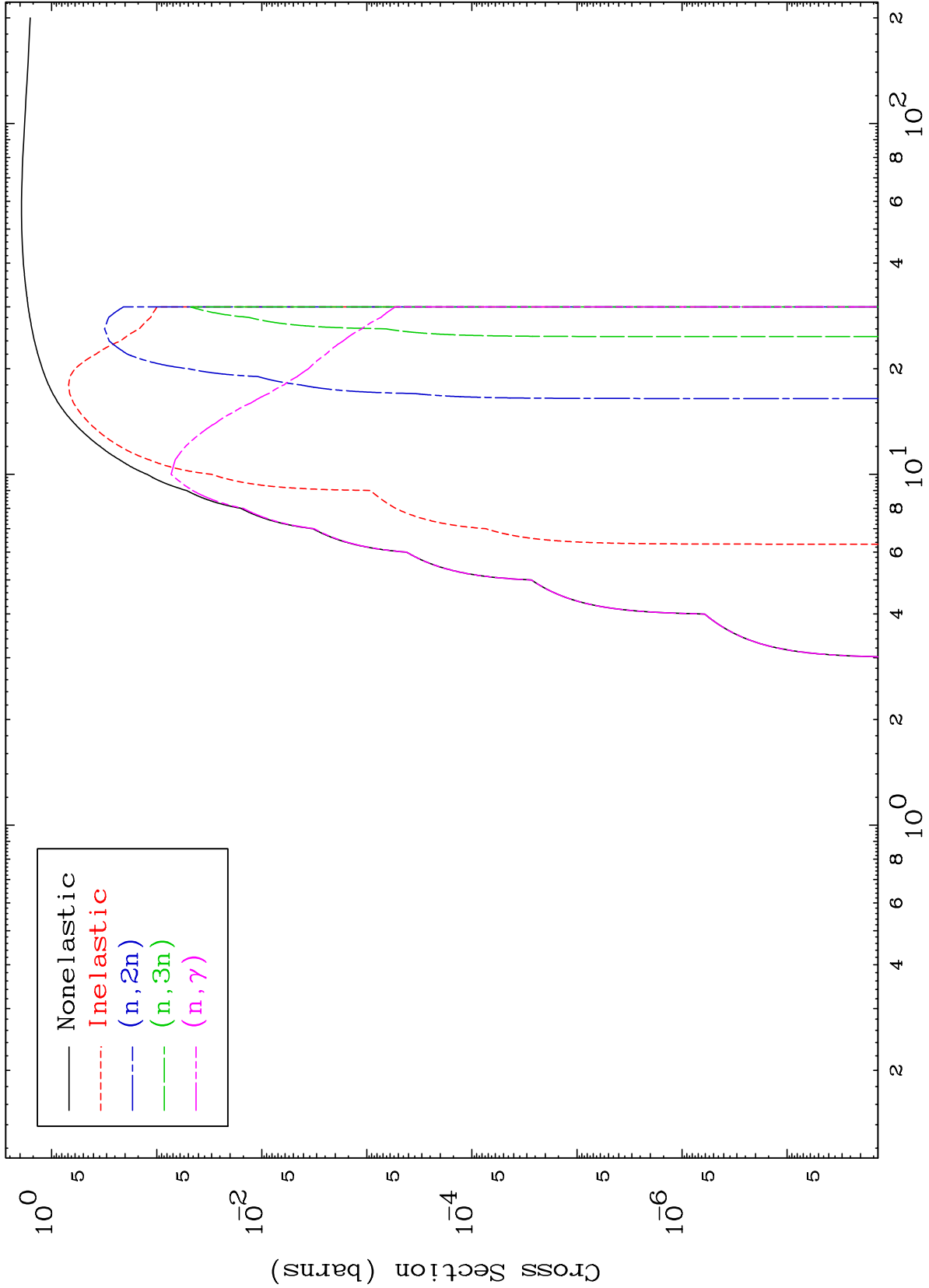
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Web:redcullen1.net/HOMEPAGE.NEW

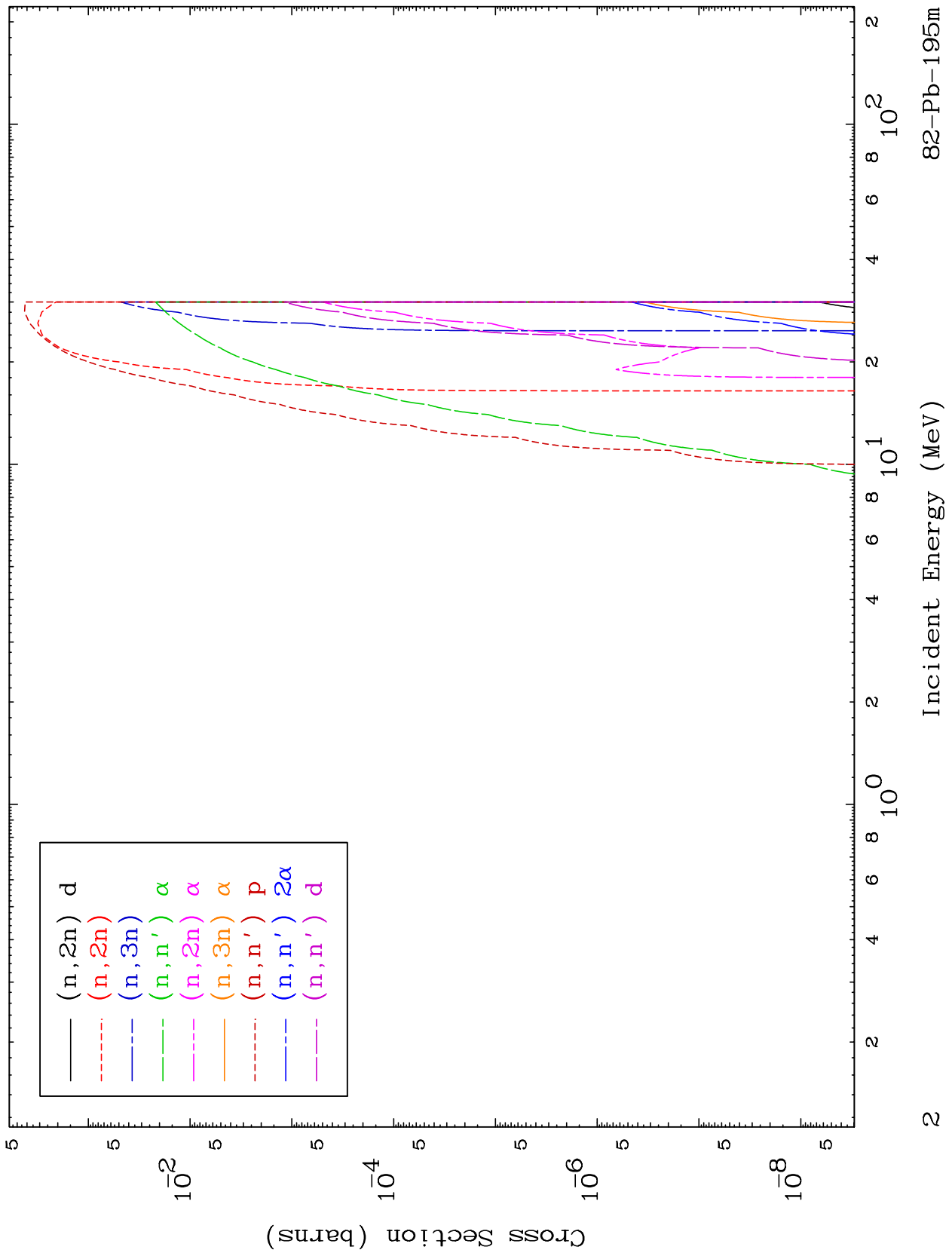
Press Mouse Button to Start

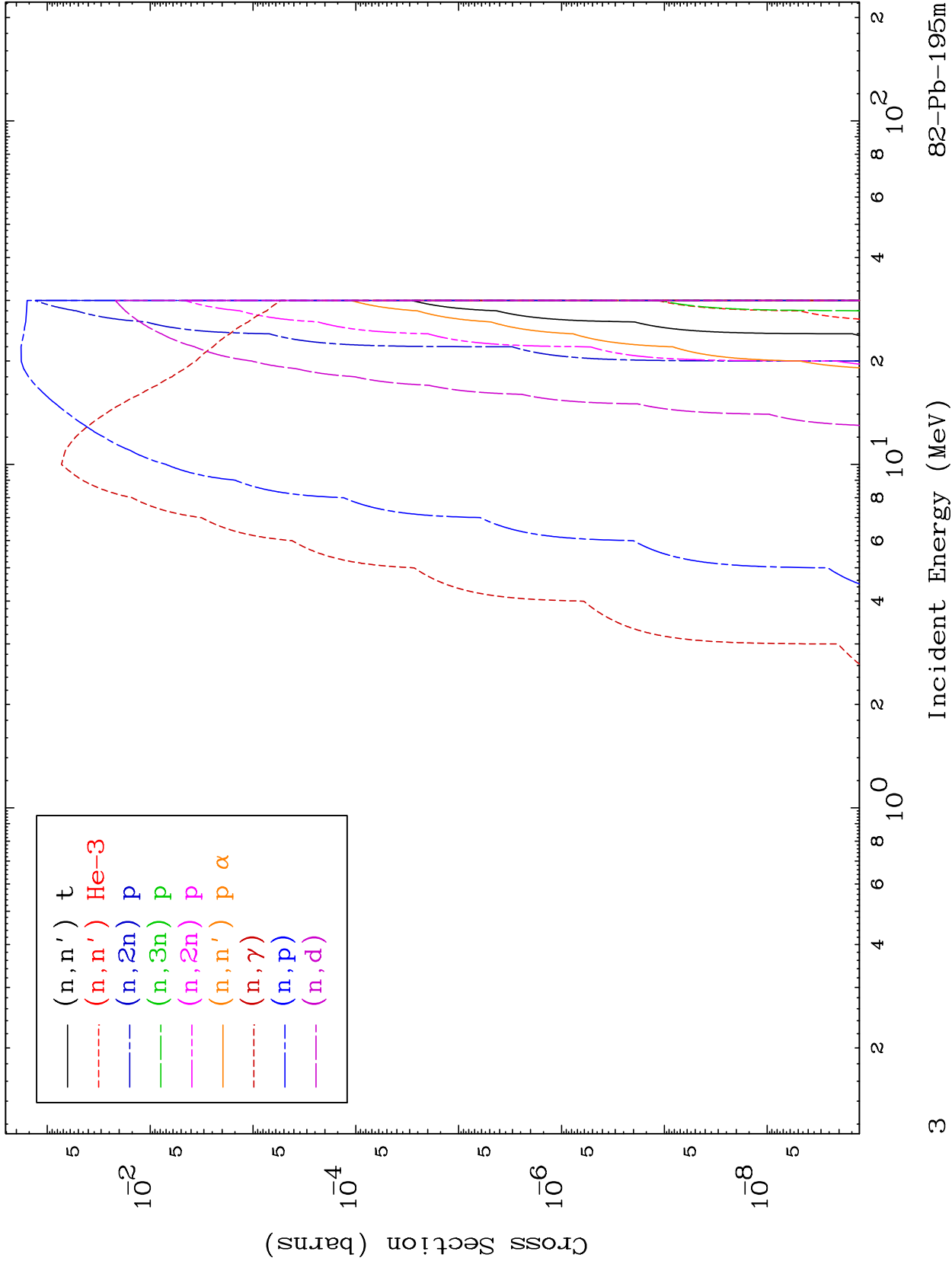


MAT 8199

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-195m

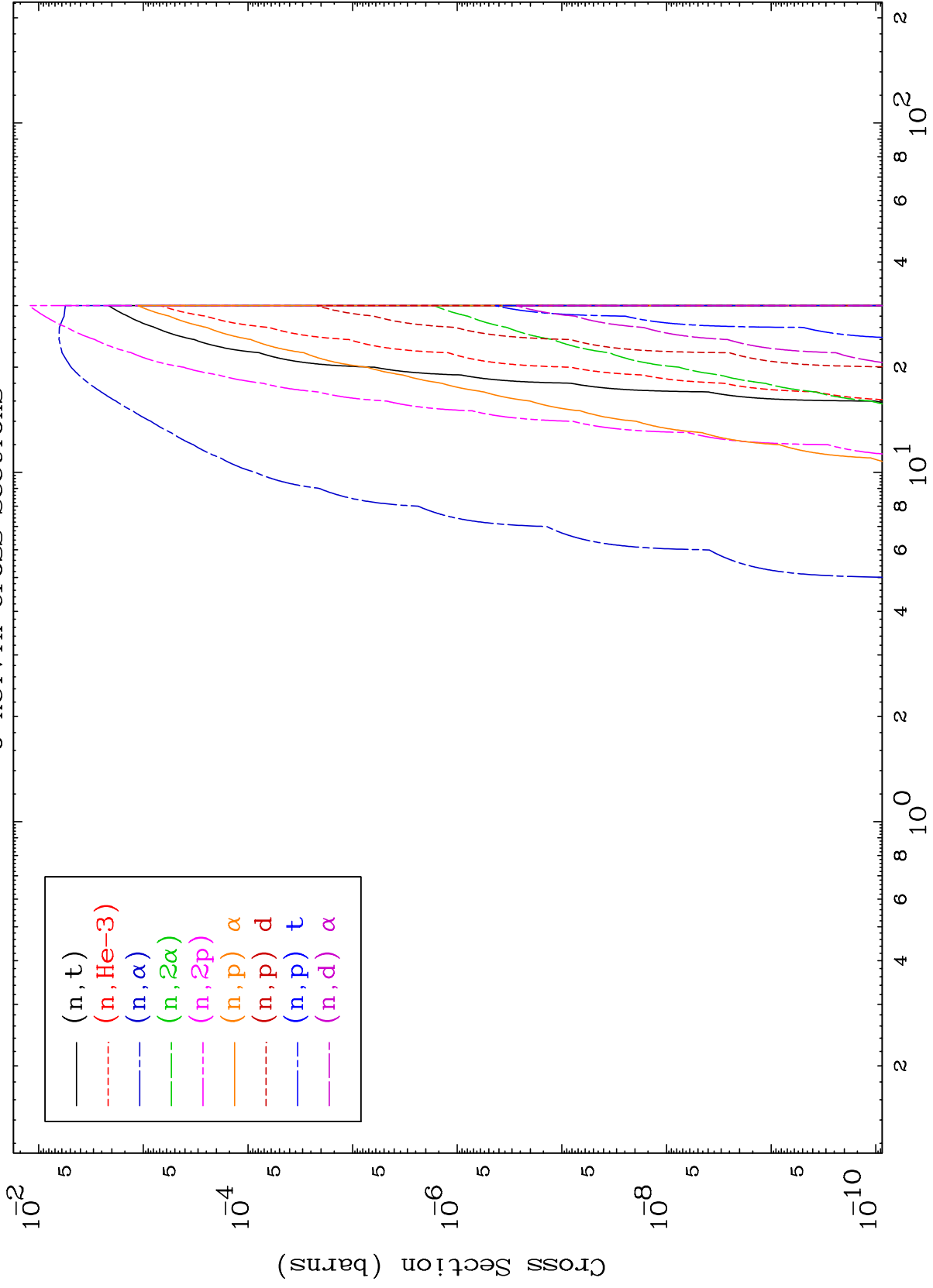




MAT 8199

Proton Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-195m



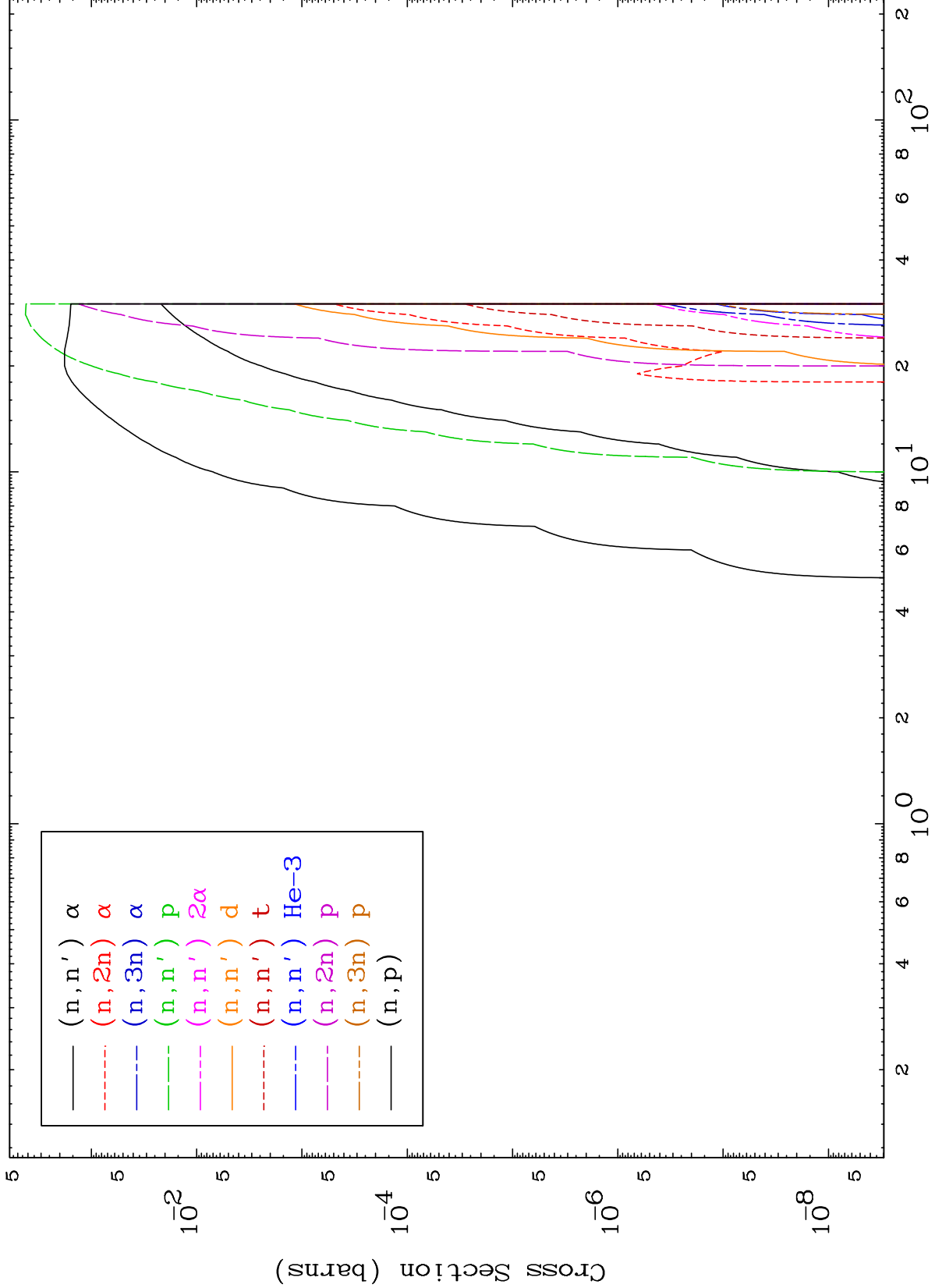
Incident Energy (MeV)

82-Pb-195m

MAT 8199

Proton Charged Particle  
0 Kelvin Cross Sections

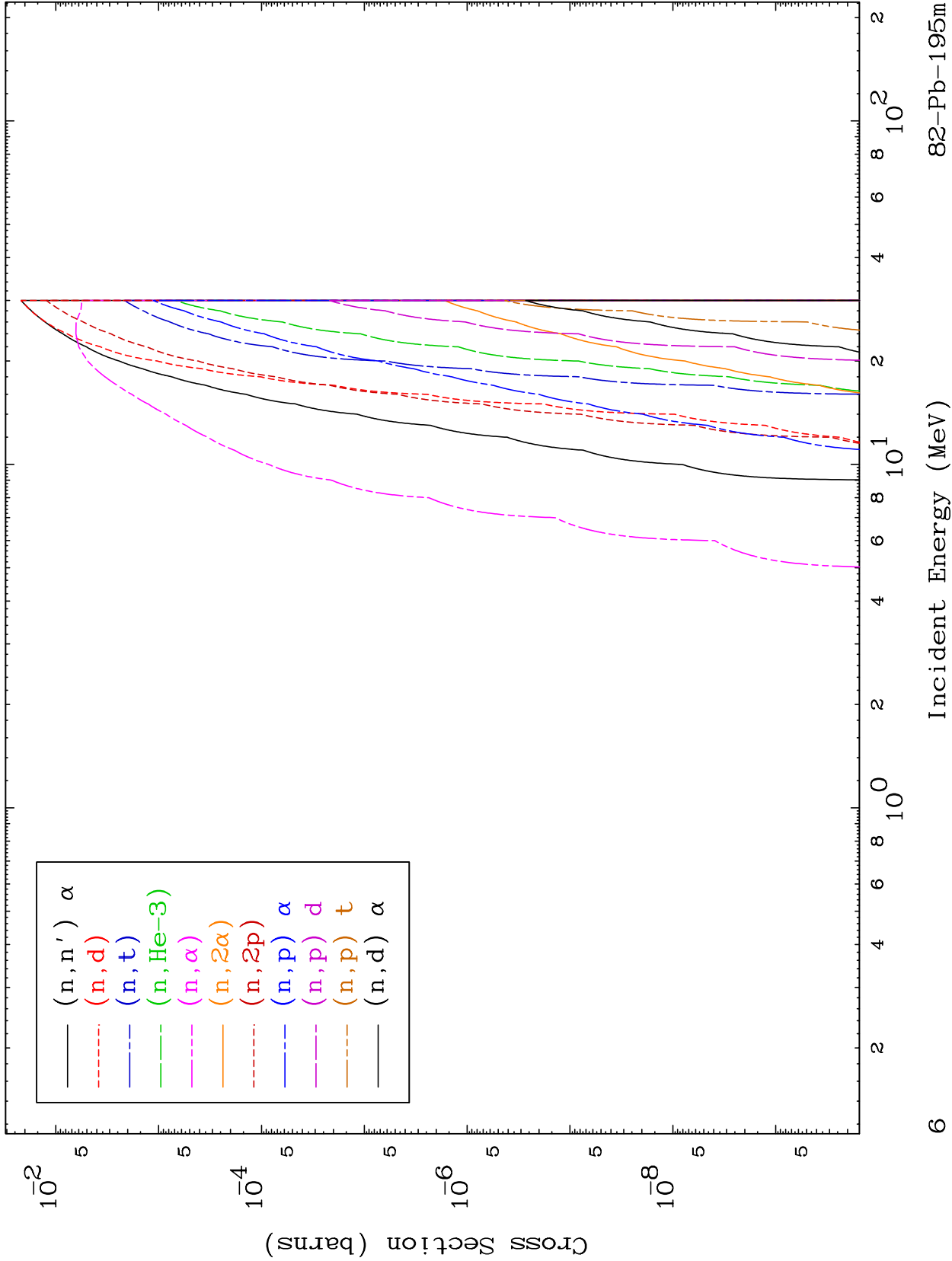
82-Pb-195m



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Proton Charged Particle  
0 Kelvin Cross Sections

82-Pb-195m

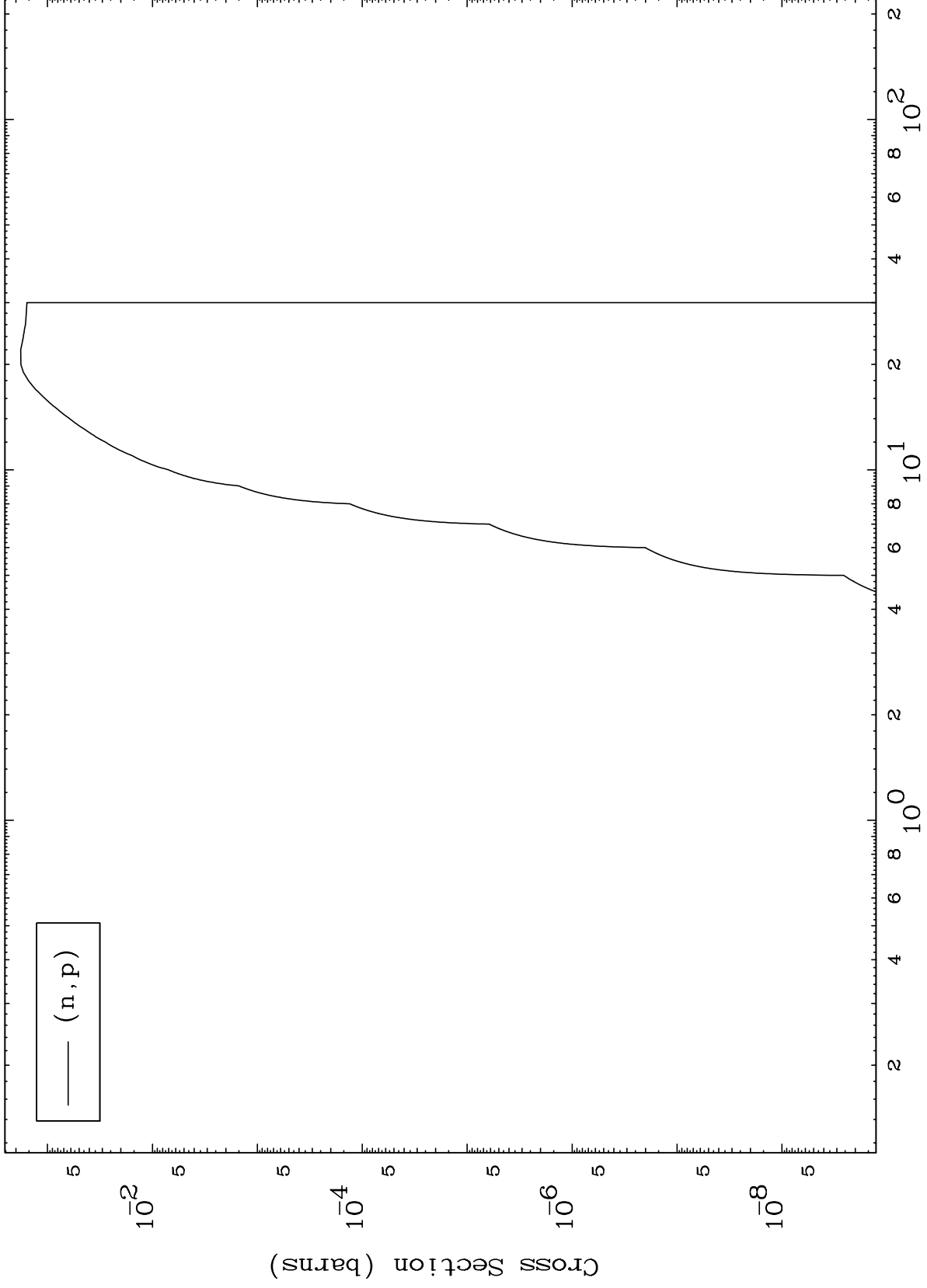


MAT 8199

(p,p) Levels

82-Pb-195m

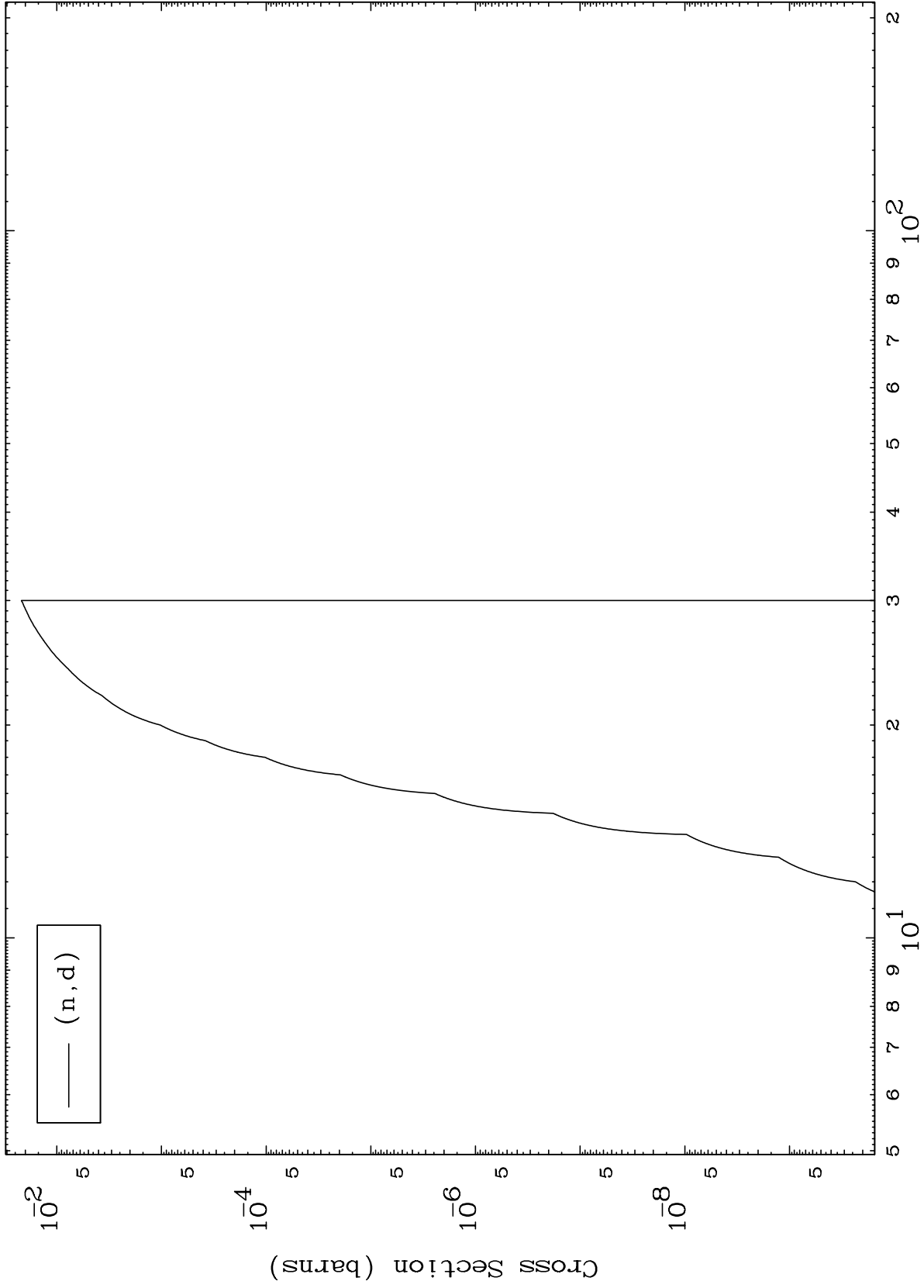
0 Kelvin Cross Sections



MAT 8199

(p,d) Levels  
0 Kelvin Cross Sections

82-Pb-195m



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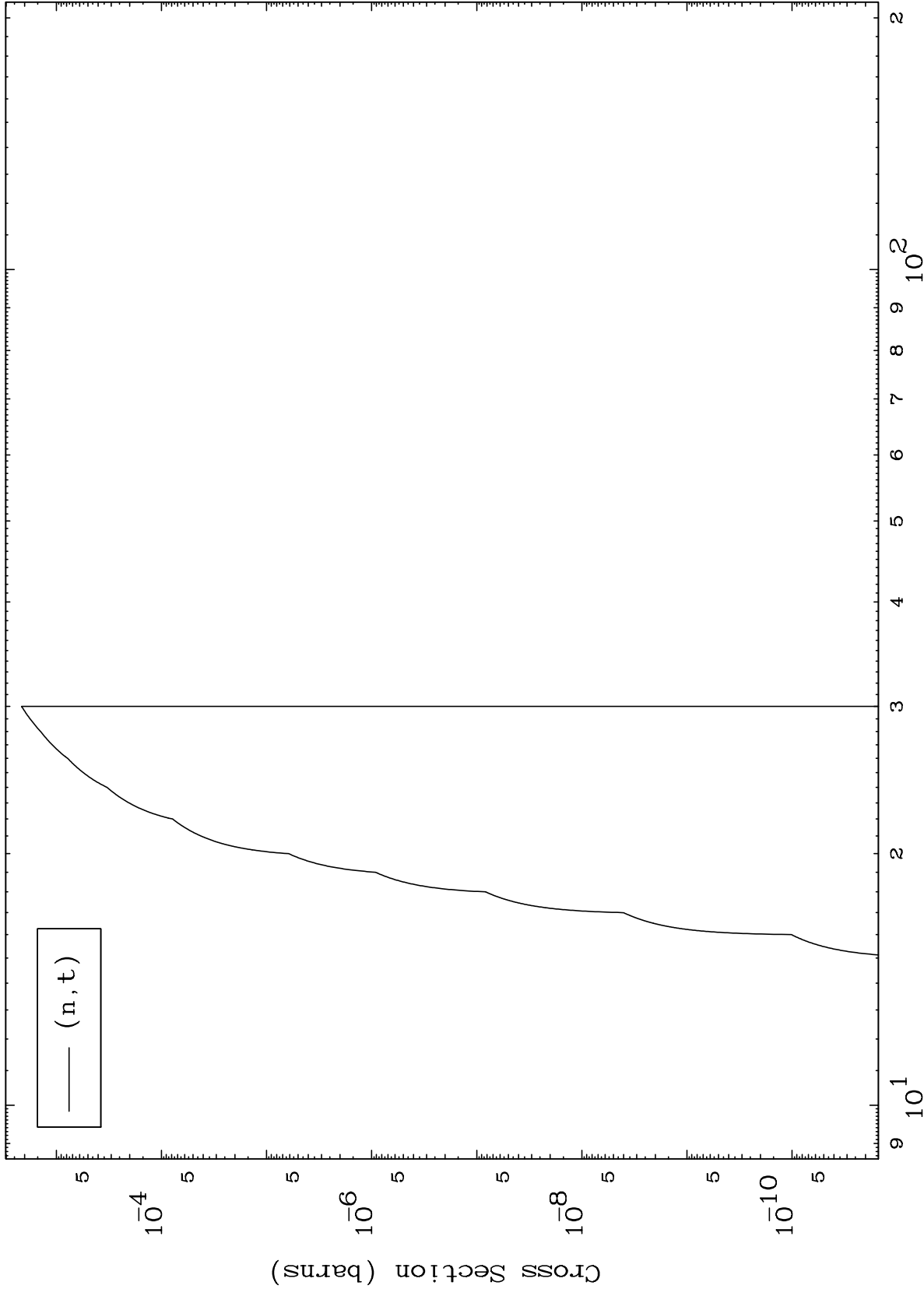
Incident Energy (MeV)

82-Pb-195m

MAT 8199

(p, t) Levels  
0 Kelvin Cross Sections

82-Pb-195m



9

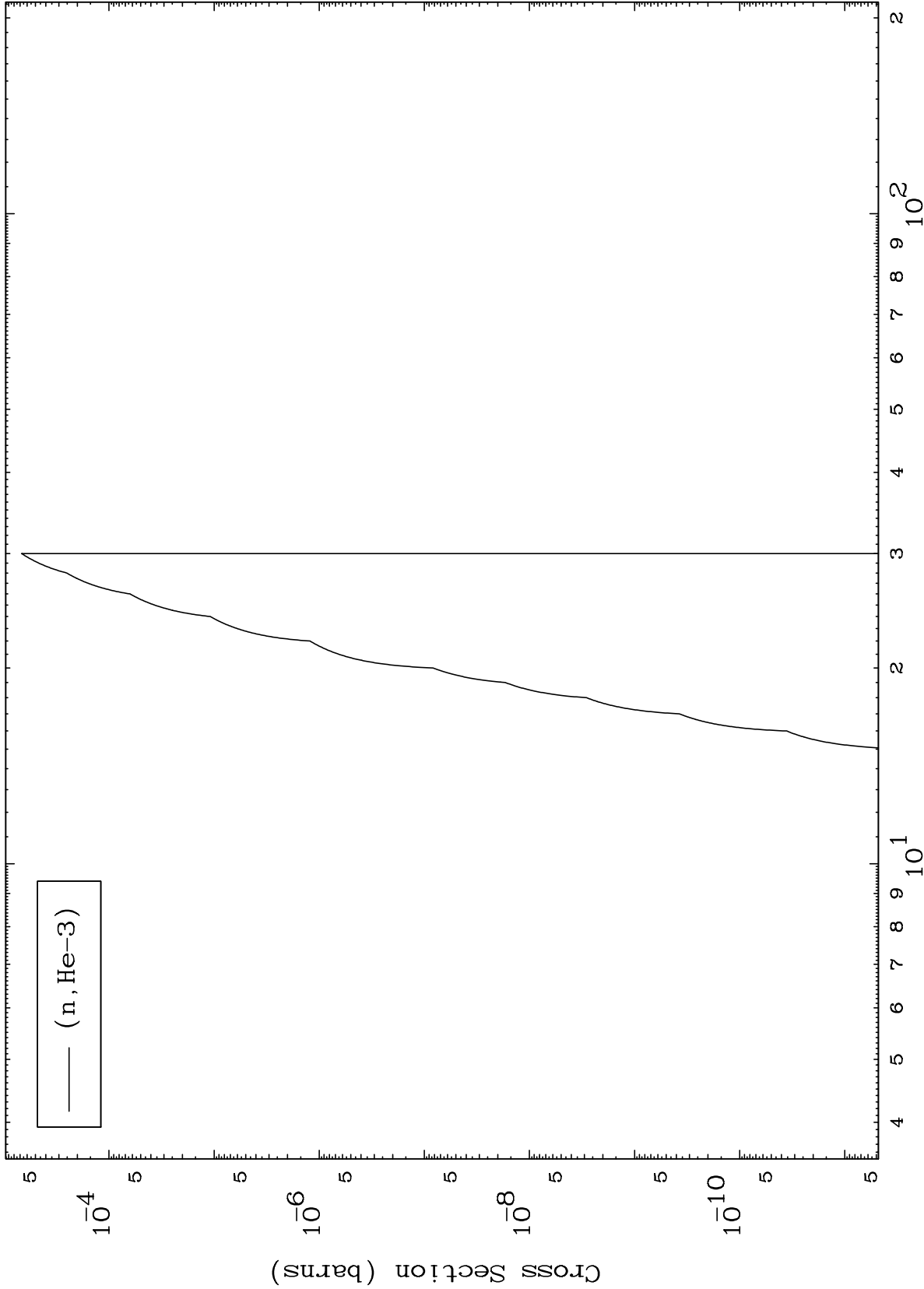
Incident Energy (MeV)

82-Pb-195m

MAT 8199

(p,He3) Levels  
0 Kelvin Cross Sections

82-Pb-195m



10

Incident Energy (MeV)

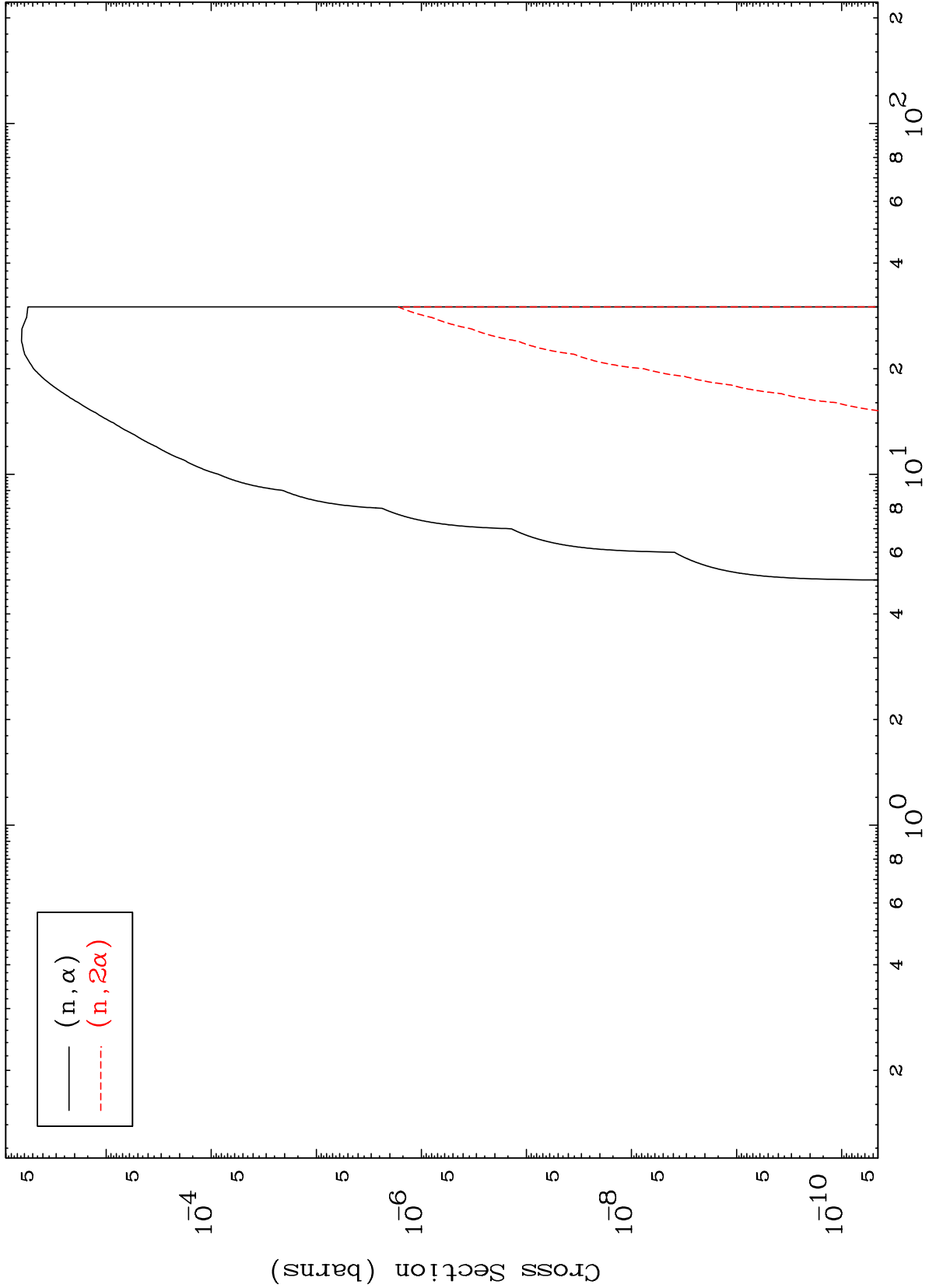
82-Pb-195m

MAT 8199

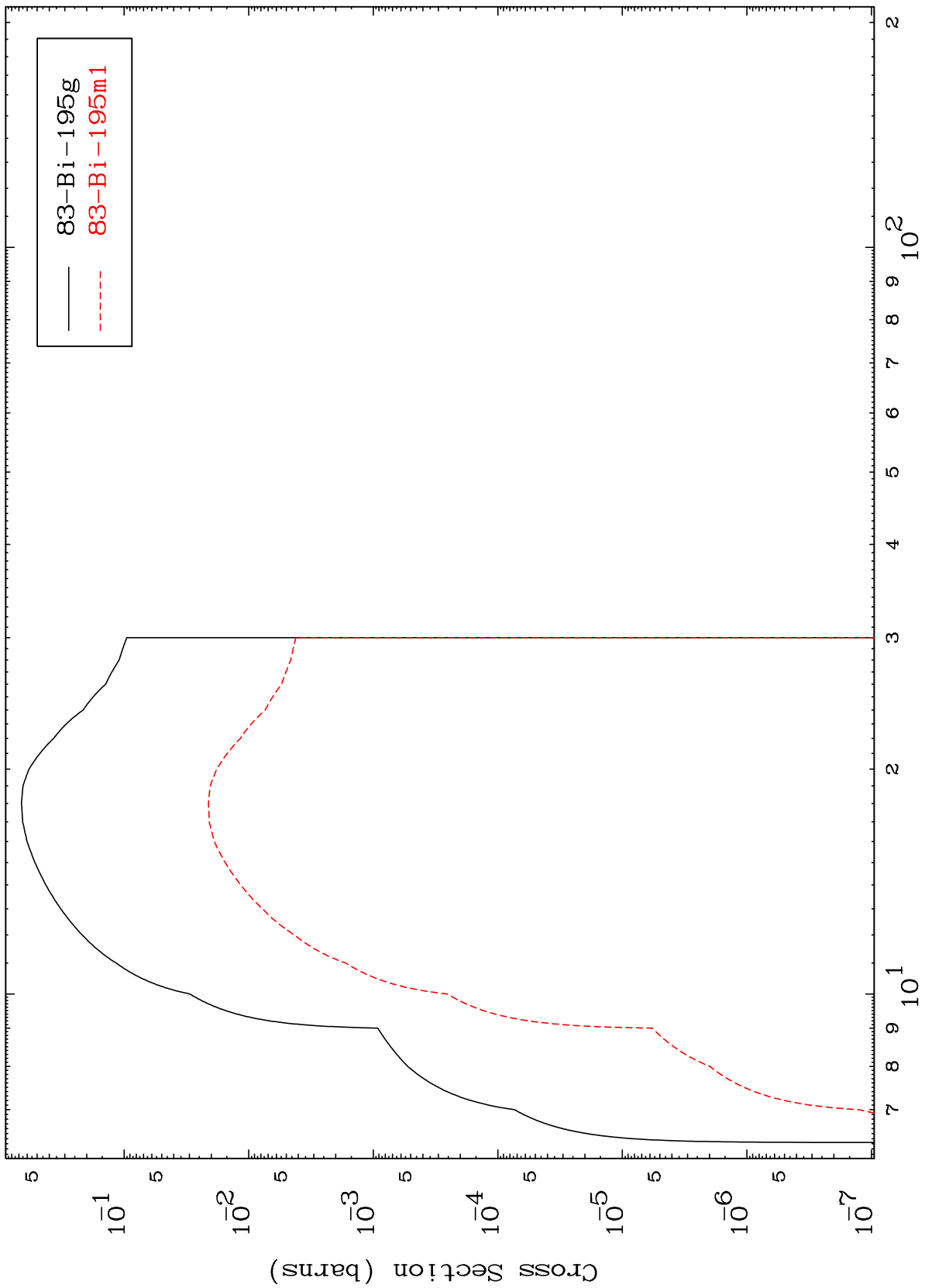
(p,  $\alpha$ ) Levels

82-Pb-195m

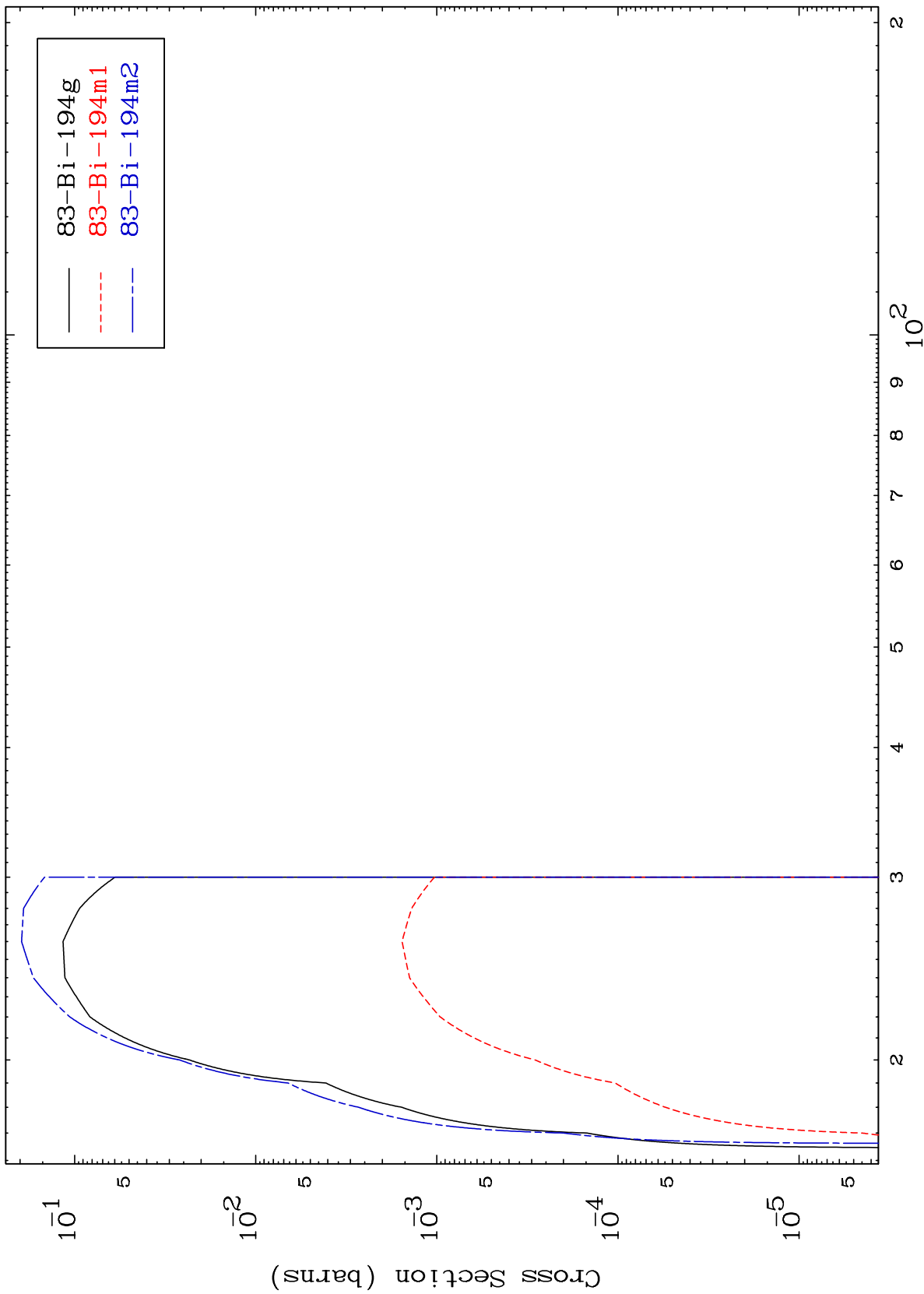
0 Kelvin Cross Sections



Inelastic  
Radionuclide Production Cross Section



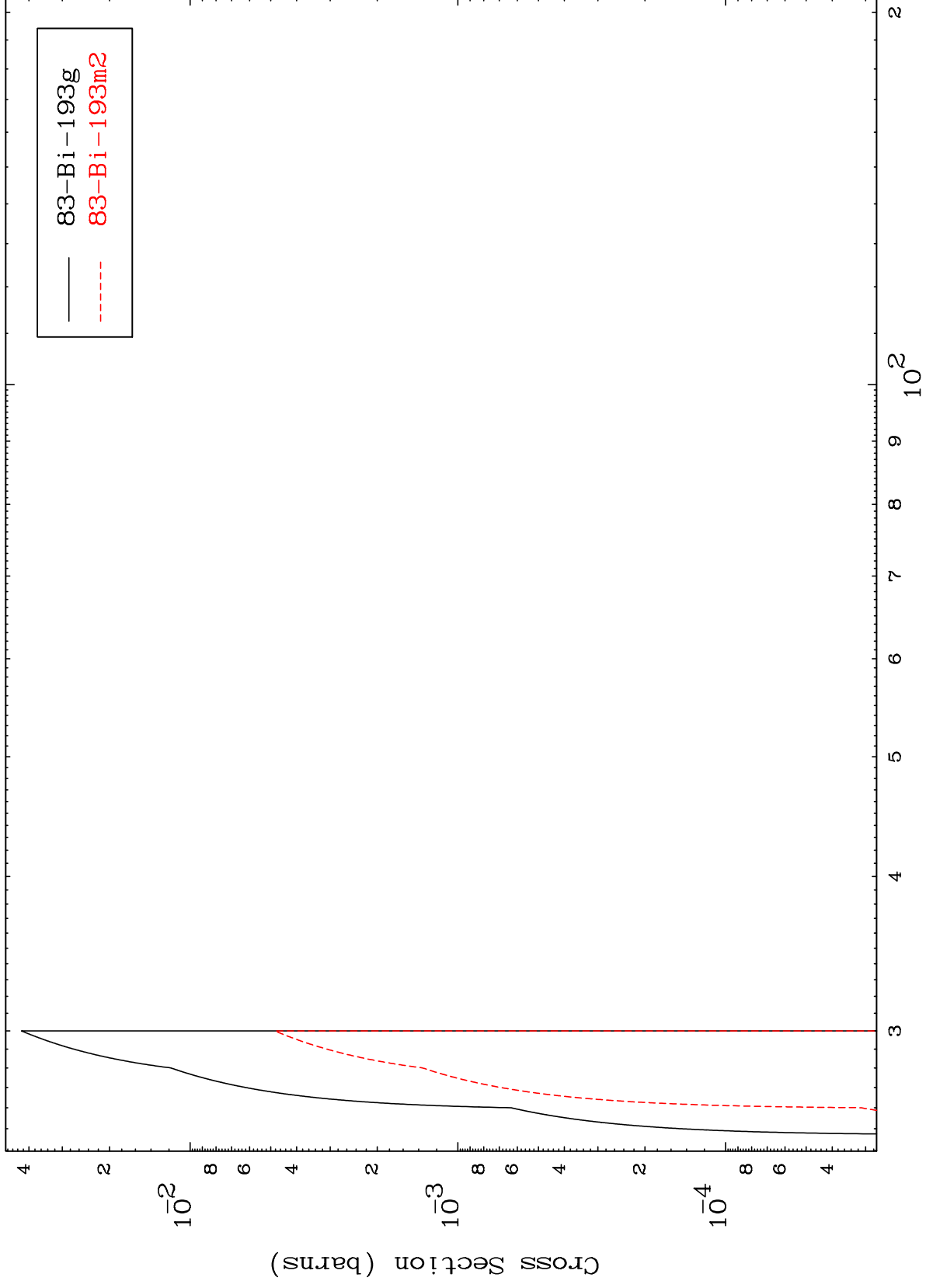
(n,2n)  
Radionuclide Production Cross Section



MAT 8199

82-Pb-195m

(n,3n)  
Radionuclide Production Cross Section



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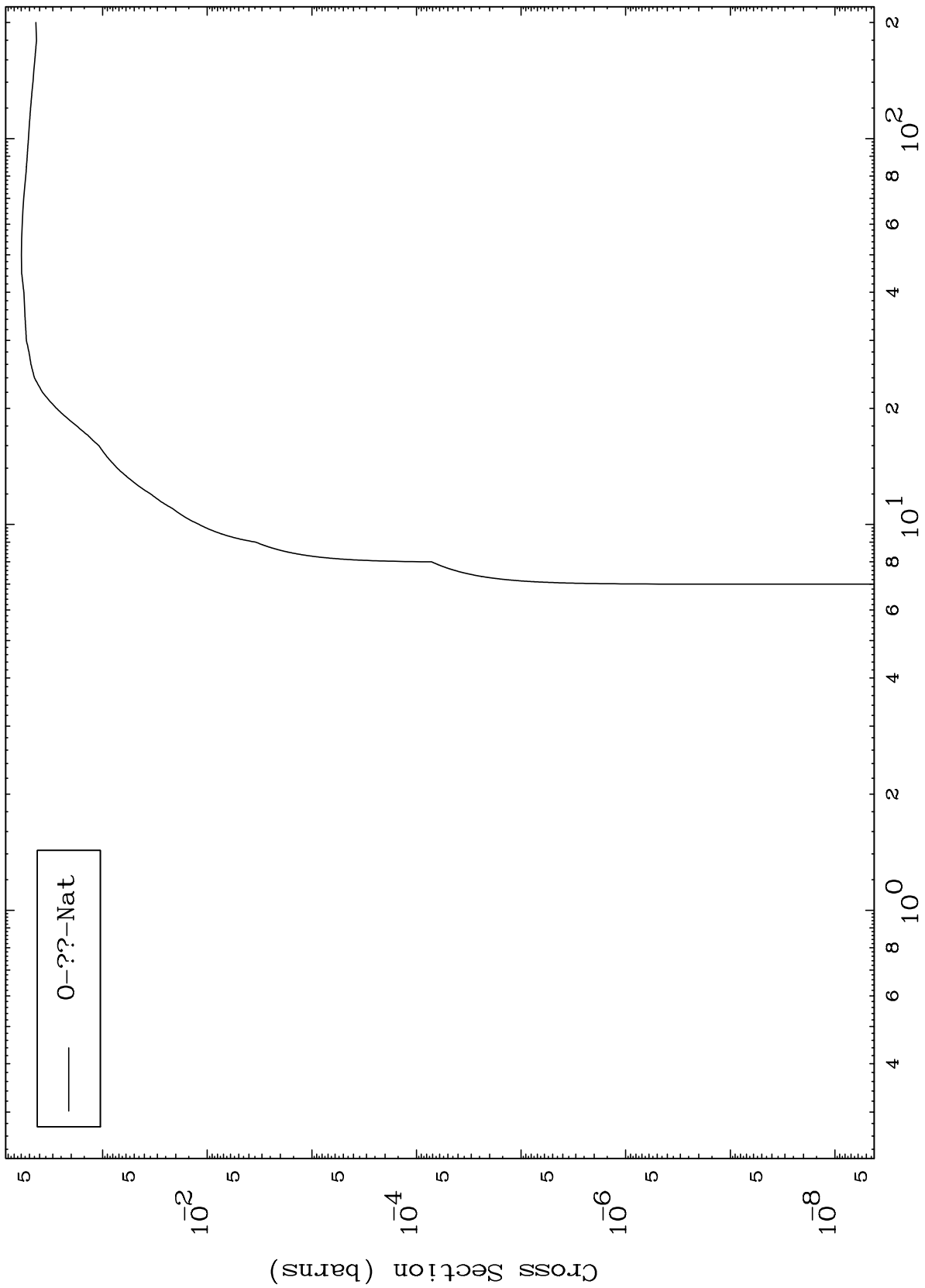
Incident Energy (MeV)

82-Pb-195m

MAT 8199

<sup>82</sup>Pb-195m

Fission  
Radionuclide Production Cross Section

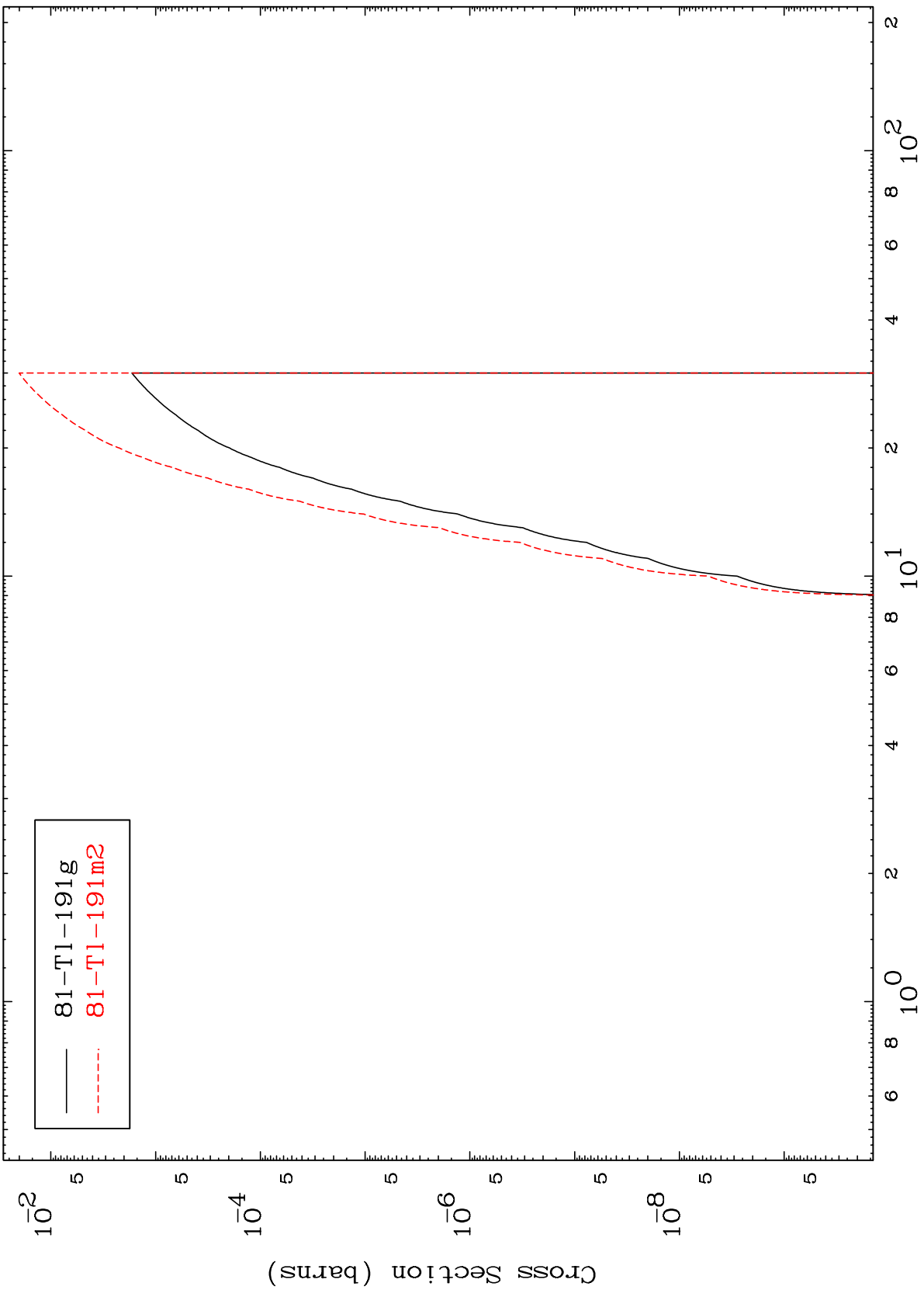


MAT 8199

$(n, n') \alpha$

82-Pb-195m

Radionuclide Production Cross Section



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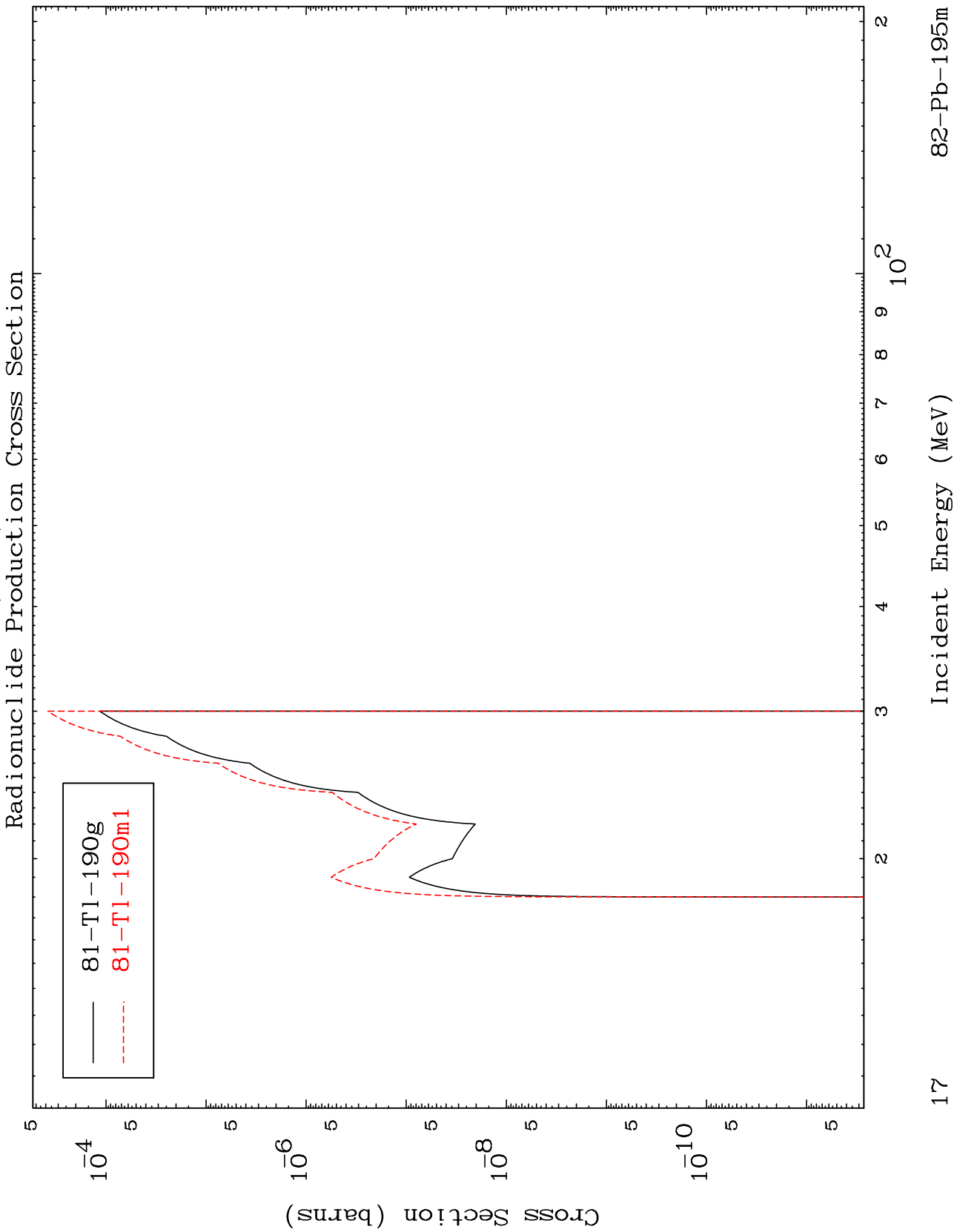
Incident Energy (MeV)

82-Pb-195m

MAT 8199

(n,2n)  $\alpha$

82-Pb-195m

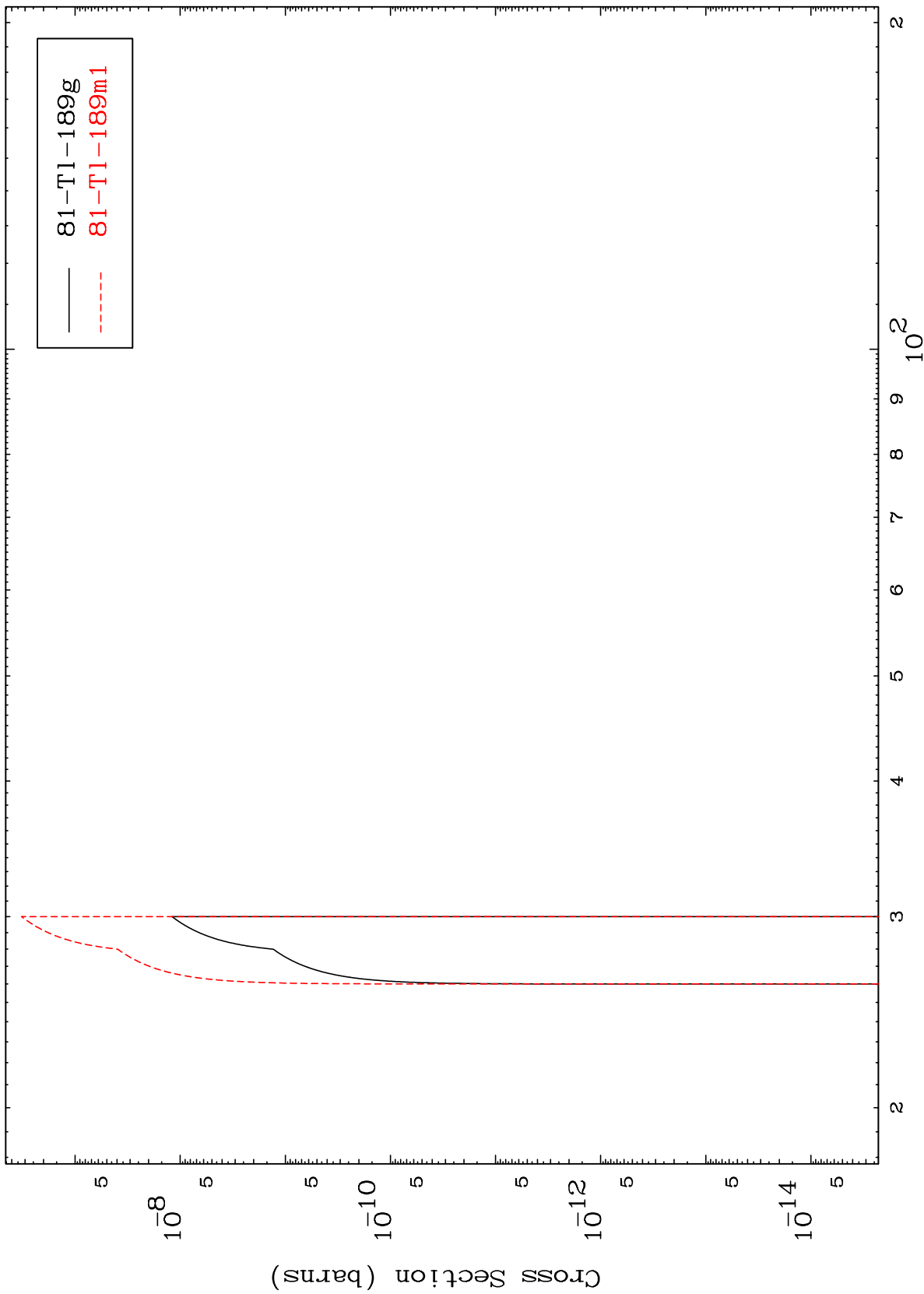


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Incident Energy (MeV)

82-Pb-195m

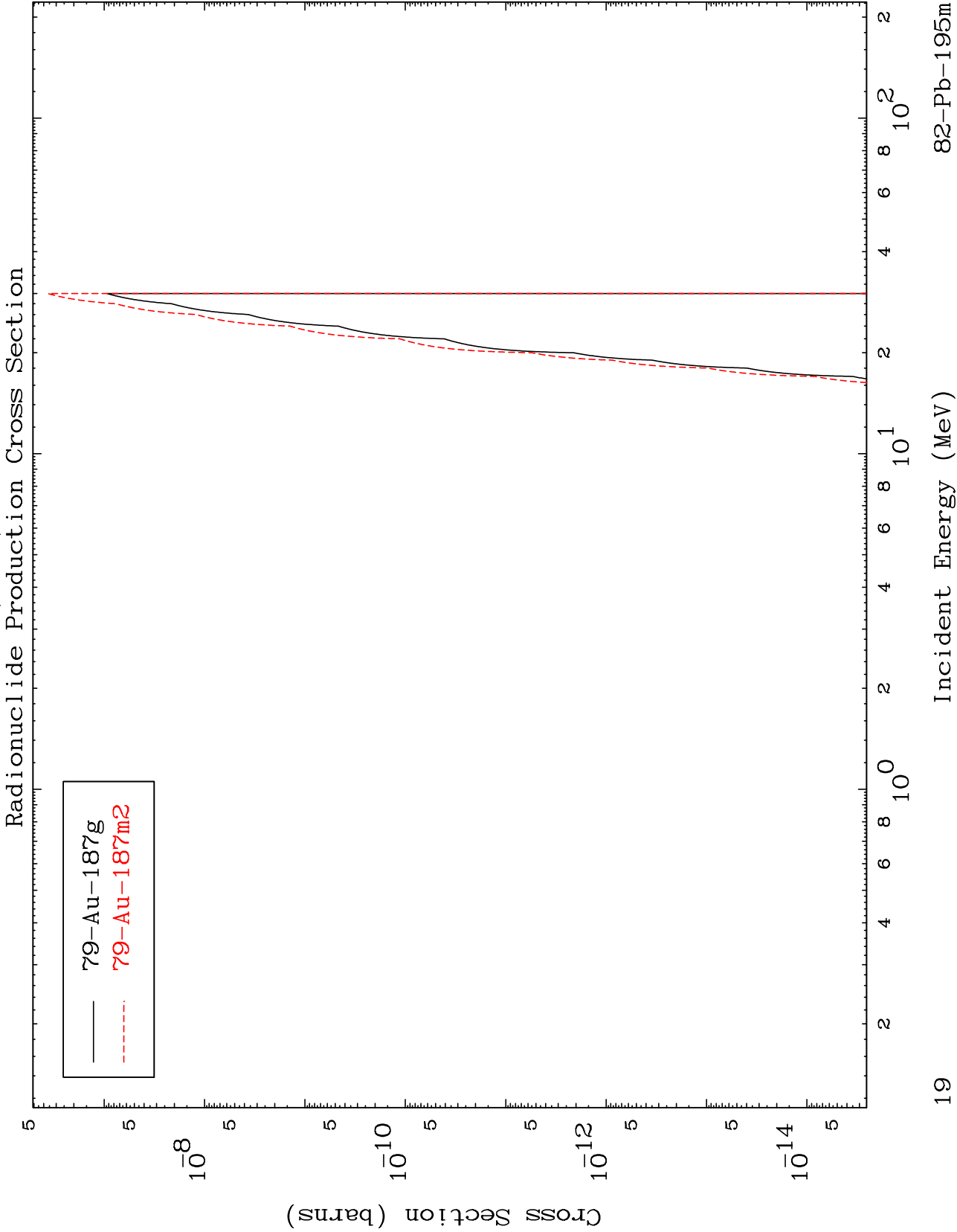
Radionuclide Production Cross Section



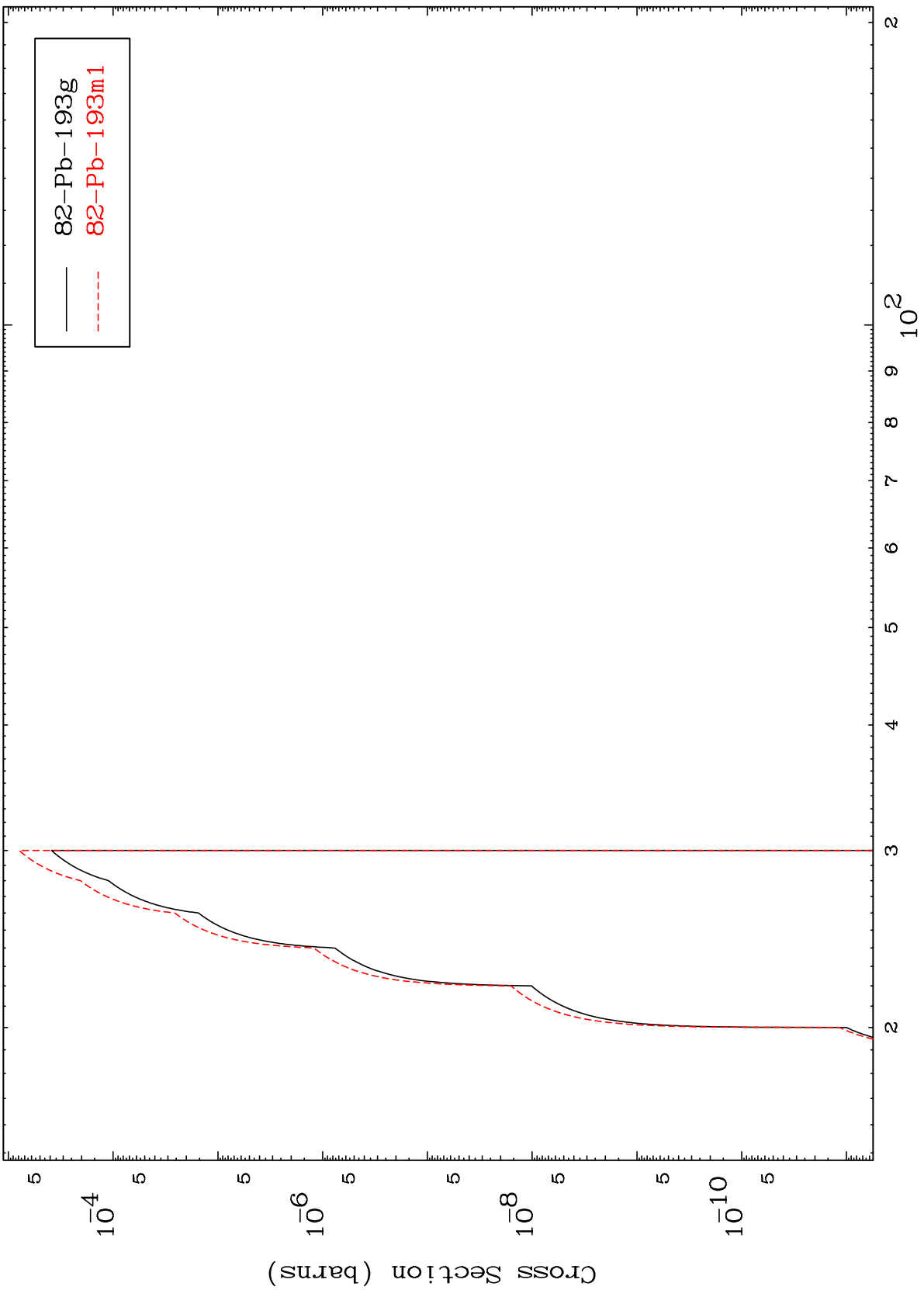
MAT 8199

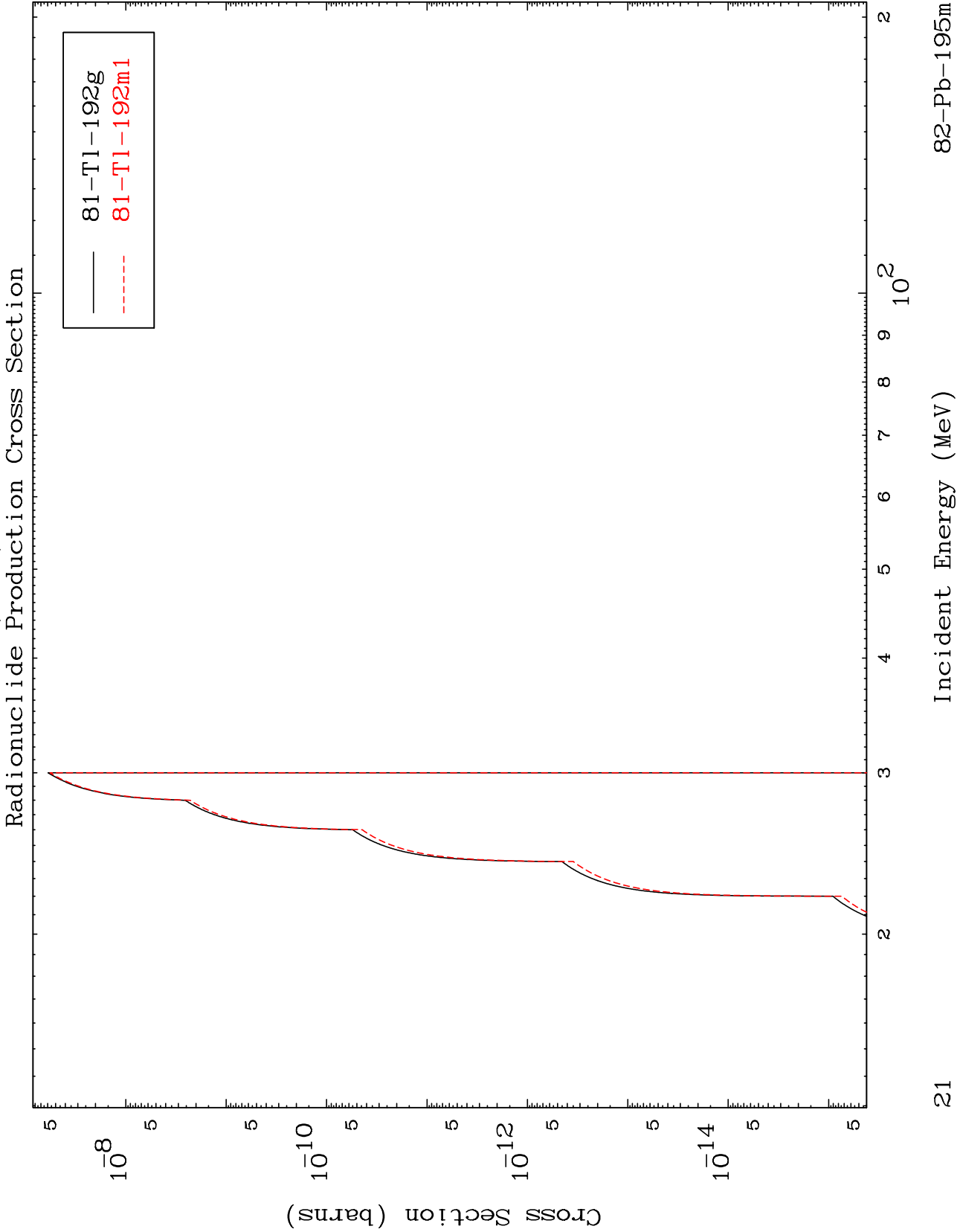
(n,n') 2 $\alpha$

82-Pb-195m



Radionuclide Production Cross Section



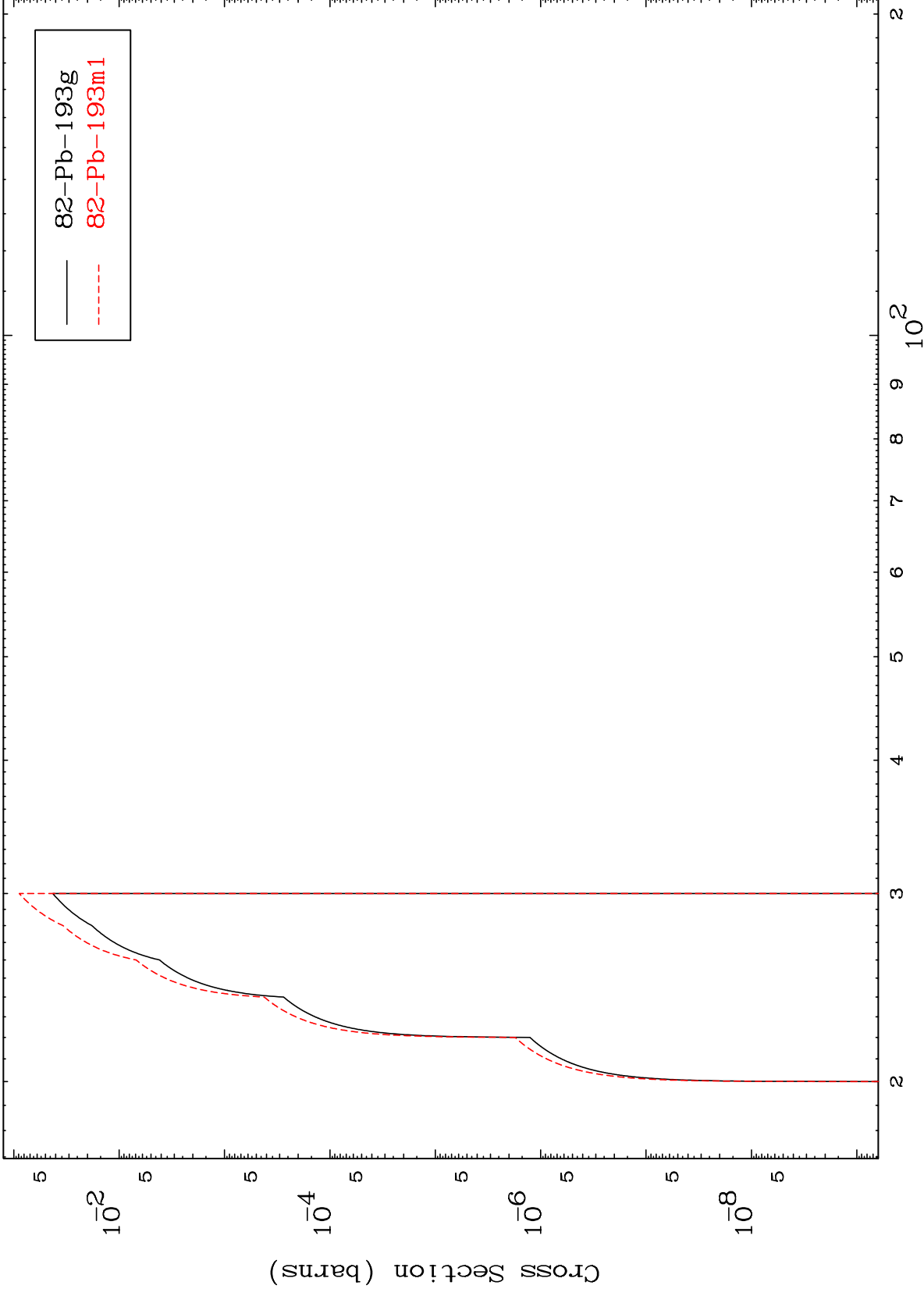


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(n,2n) p

82-Pb-195m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

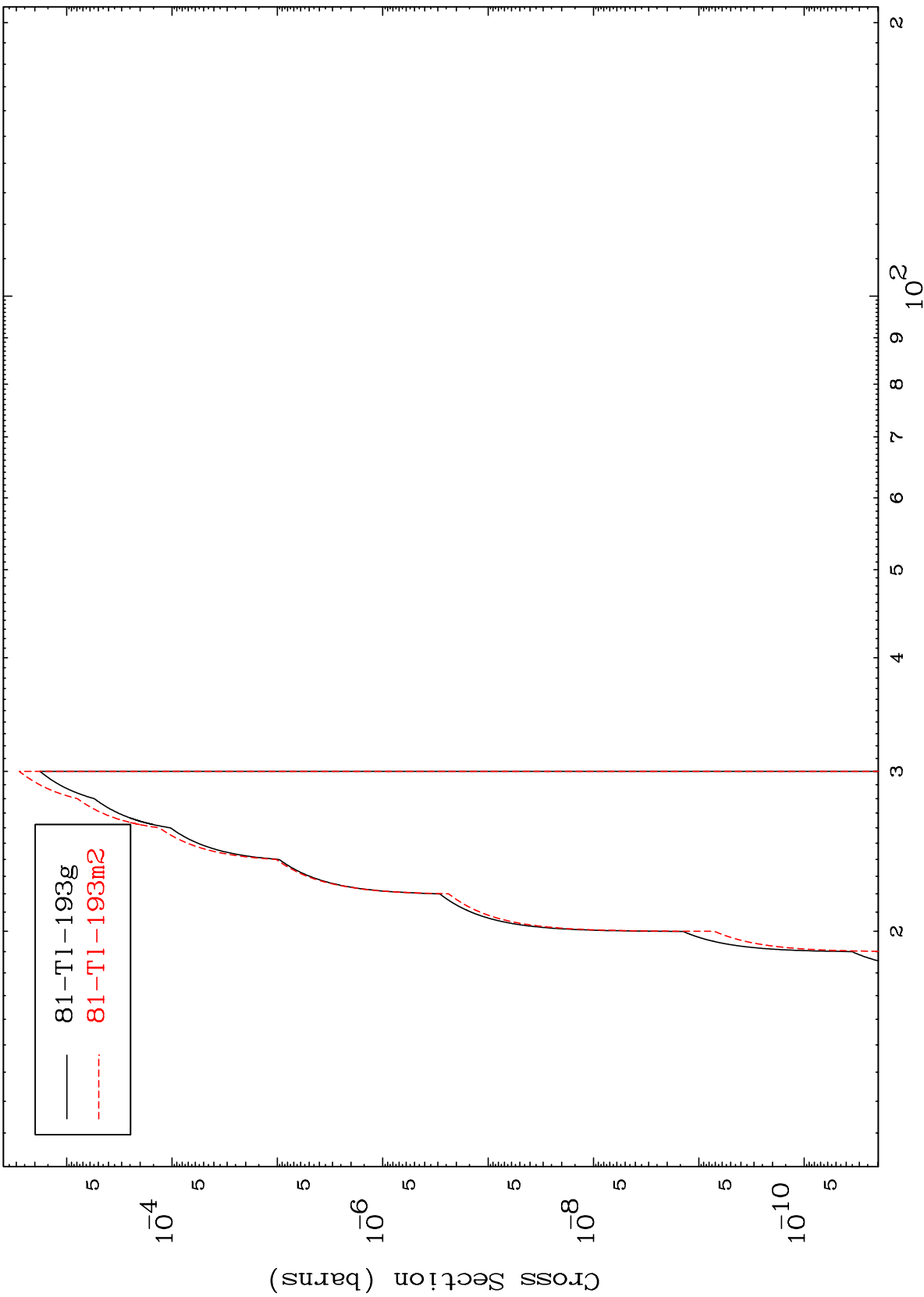
82-Pb-195m

MAT 8199

(n,2n) p

82-Pb-195m

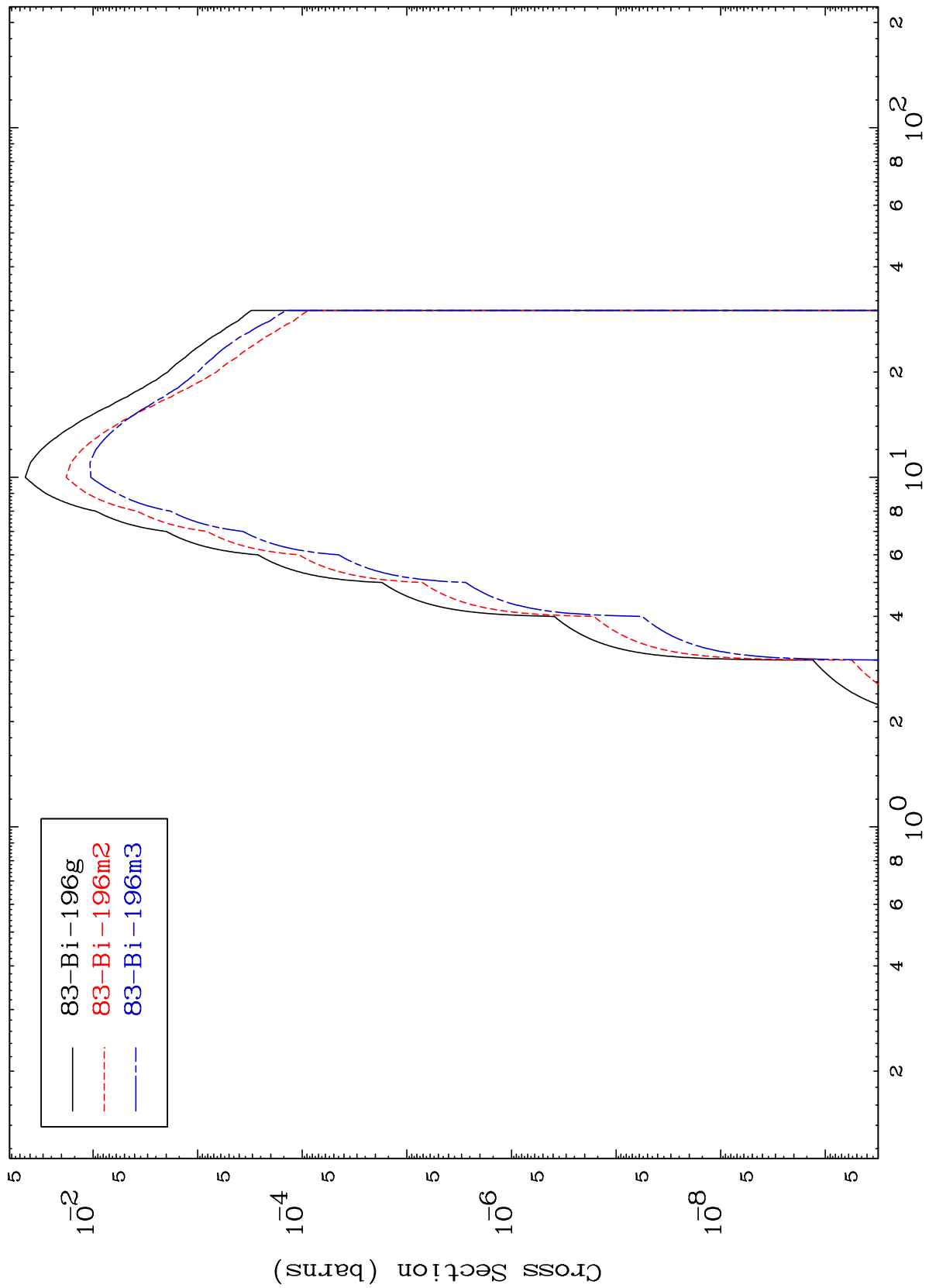
Radionuclide Production Cross Section



MAT 8199

82-Pb-195m

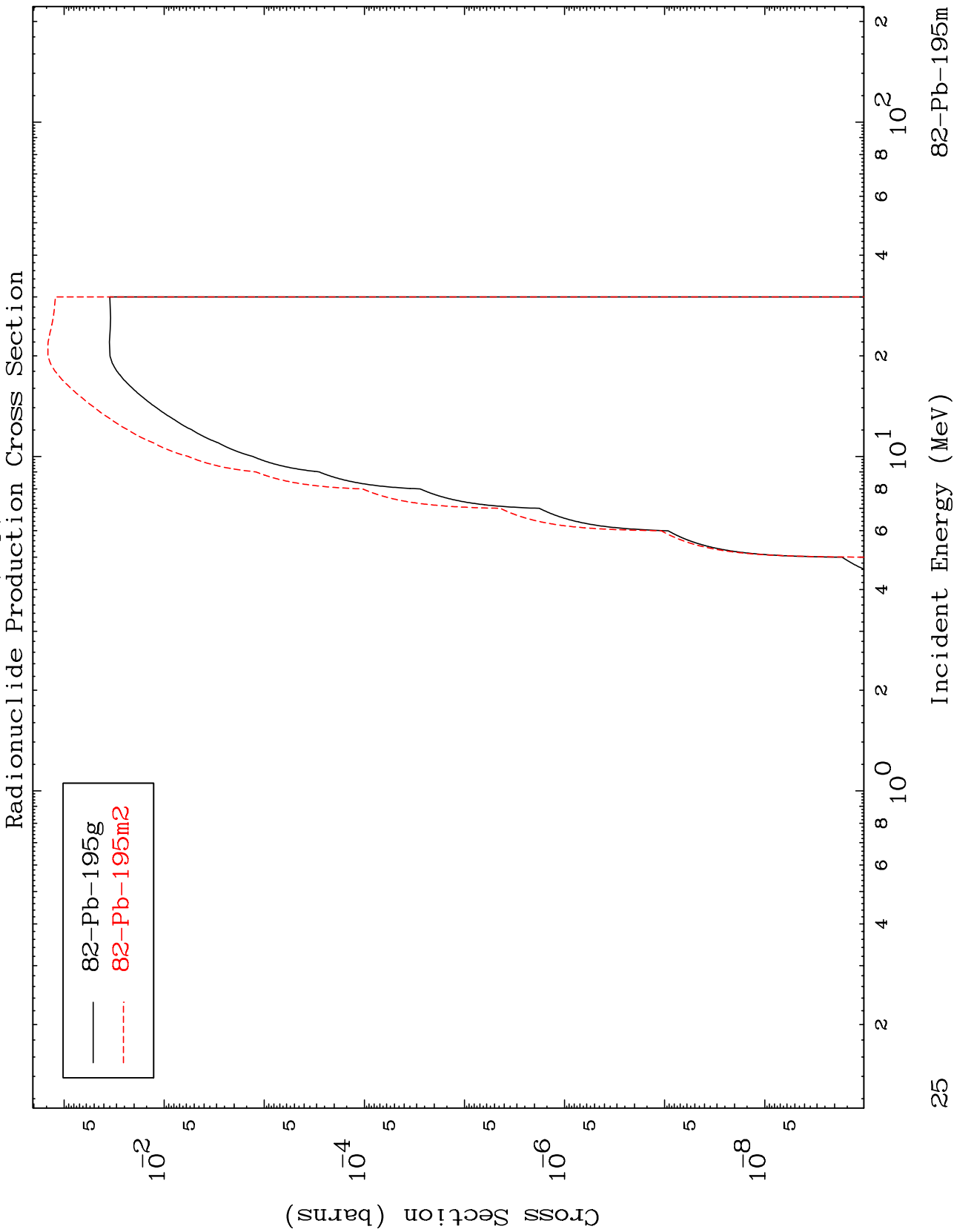
(n,  $\gamma$ )  
Radionuclide Production Cross Section



83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

MAT 8199

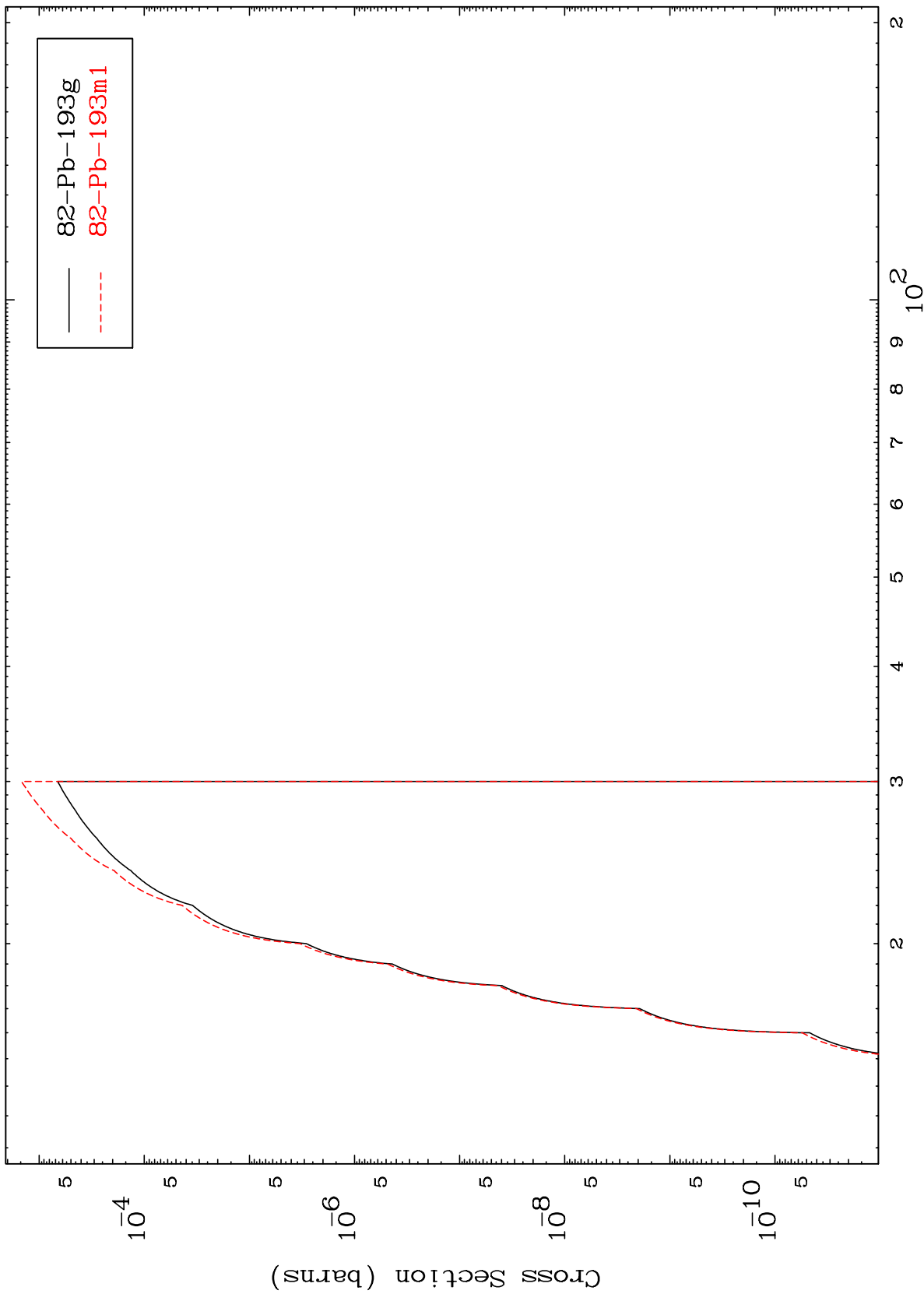
82-Pb-195m



MAT 8199

82-Pb-195m

(n,t)  
Radionuclide Production Cross Section



26

Incident Energy (MeV)

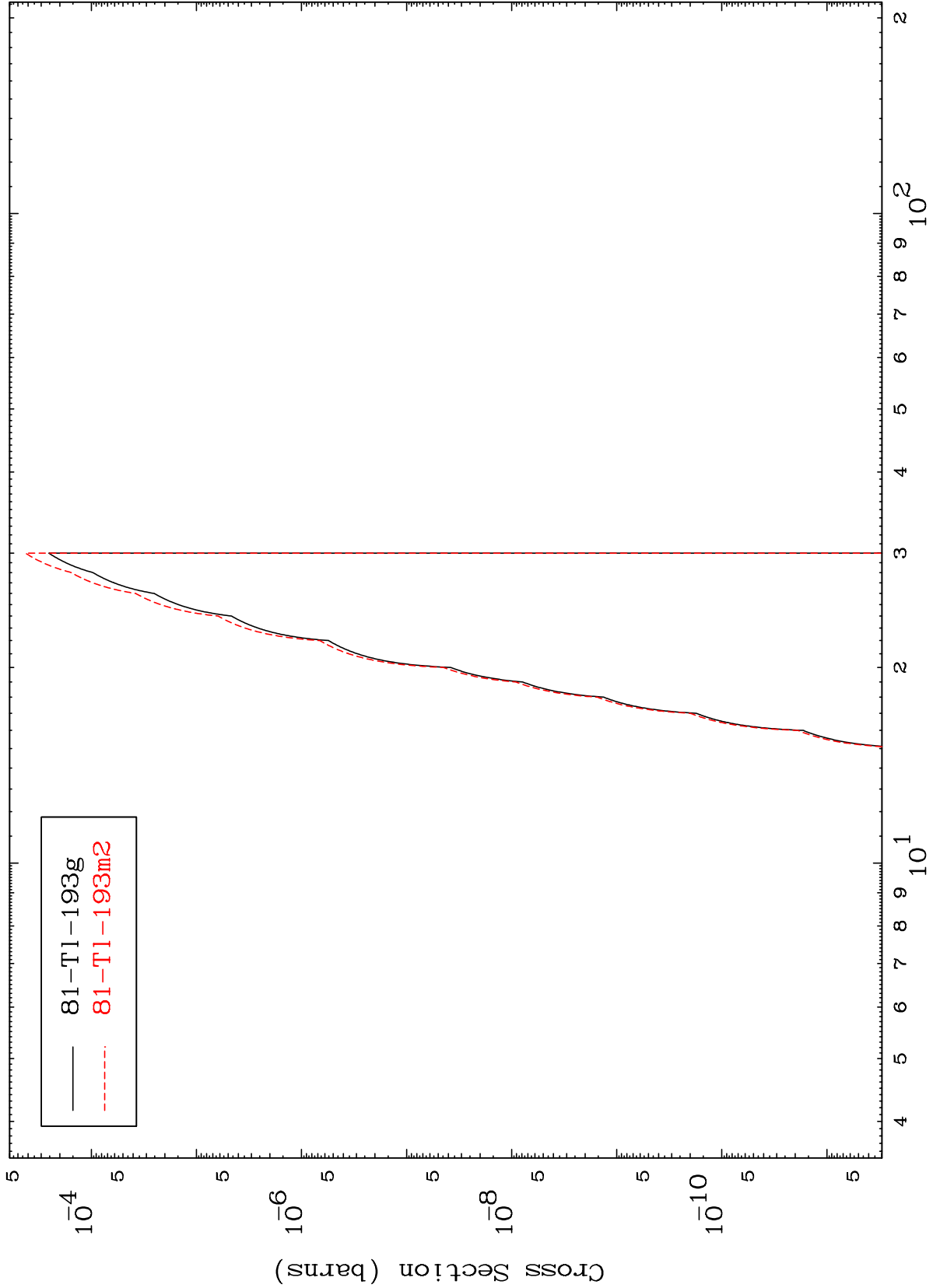
82-Pb-195m

MAT 8199

(n,He-3)

82-Pb-195m

Radionuclide Production Cross Section



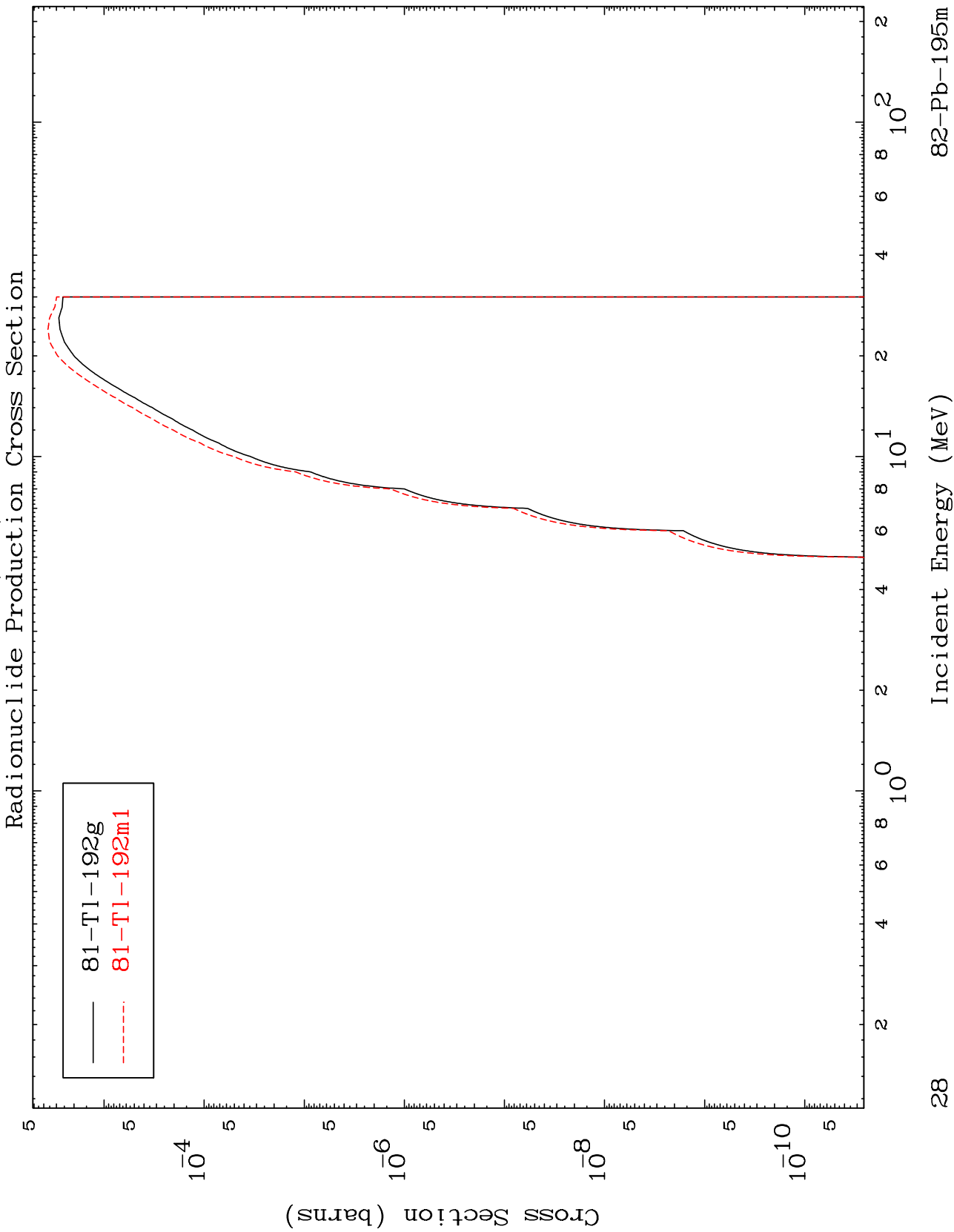
27

Incident Energy (MeV)

82-Pb-195m

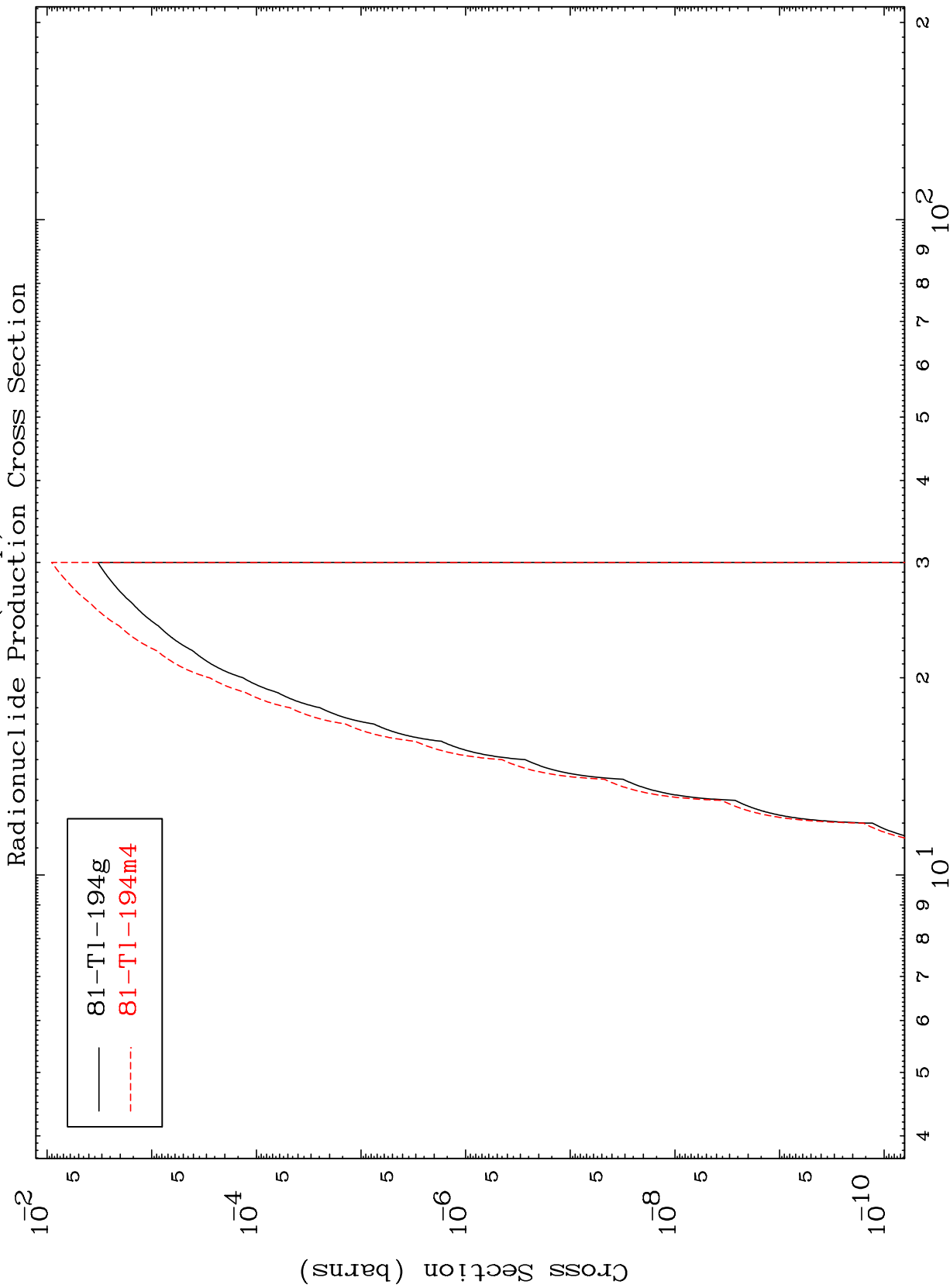
MAT 8199

<sup>82</sup>Pb-195m



MAT 8199

82-Pb-195m



Incident Energy (MeV)

82-Pb-195m

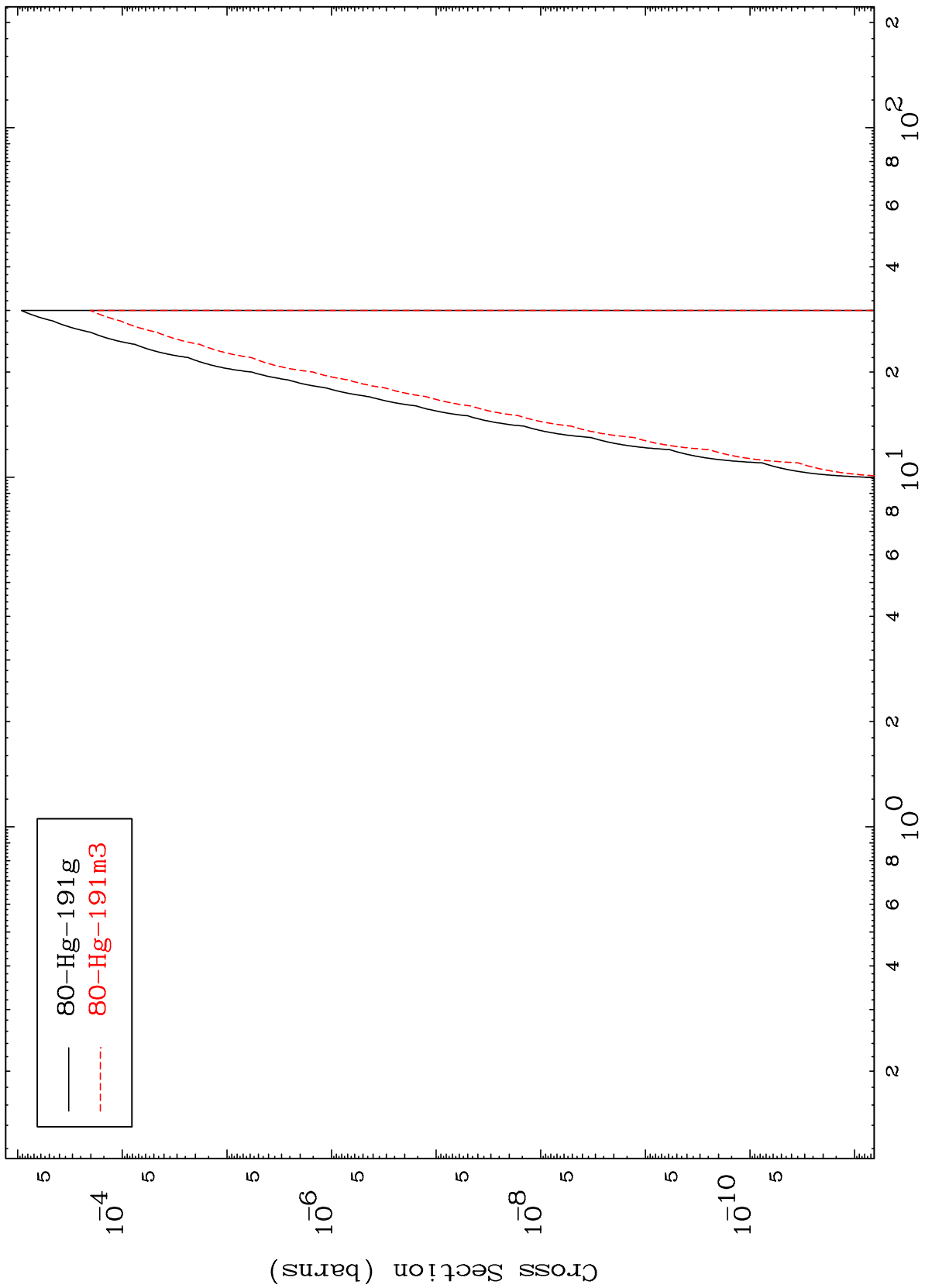
29

MAT 8199

(n,p)  $\alpha$

<sup>82</sup>Pb-195m

Radionuclide Production Cross Section



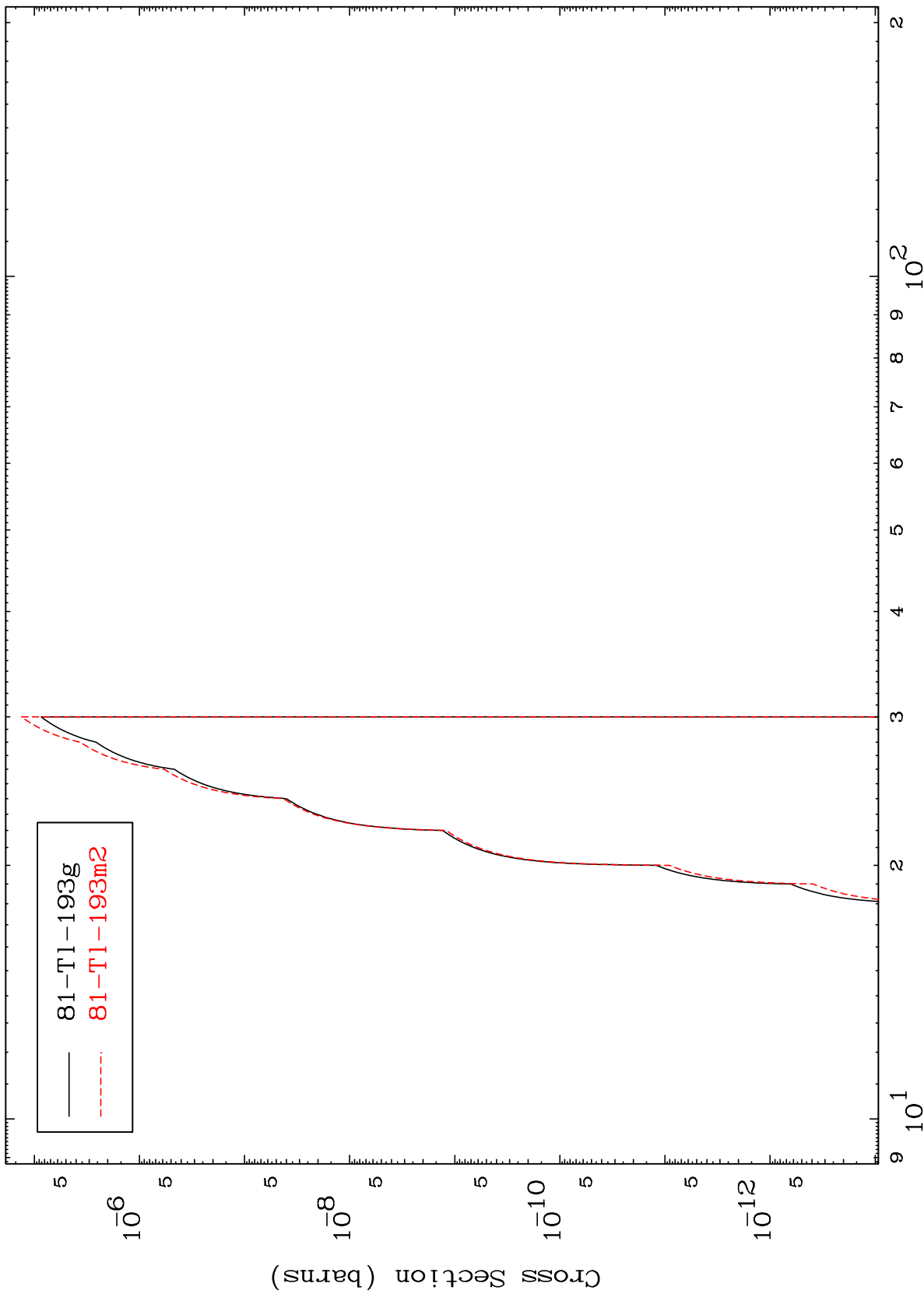
— 80-Hg-191g  
- - - 80-Hg-191m3

MAT 8199

(n,p) d

82-Pb-195m

Radionuclide Production Cross Section



81-Tl-193g  
81-Tl-193m2

Incident Energy (MeV)

82-Pb-195m

31

Radionuclide Production Cross Section

