

Program EVALPLOT  
(Version 2021-1)

by

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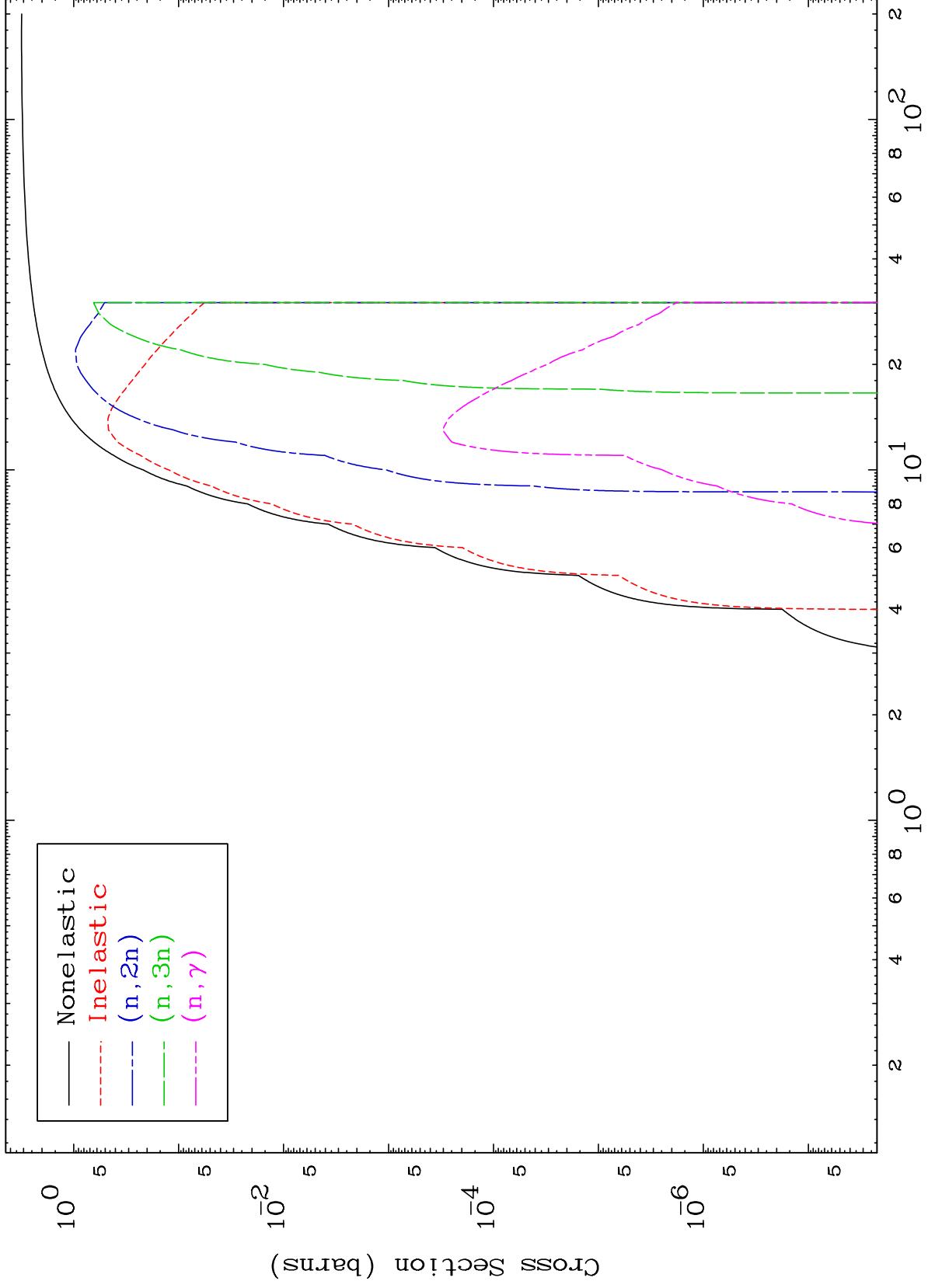
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8295

Deuteron Major  
0 Kelvin Cross Sections

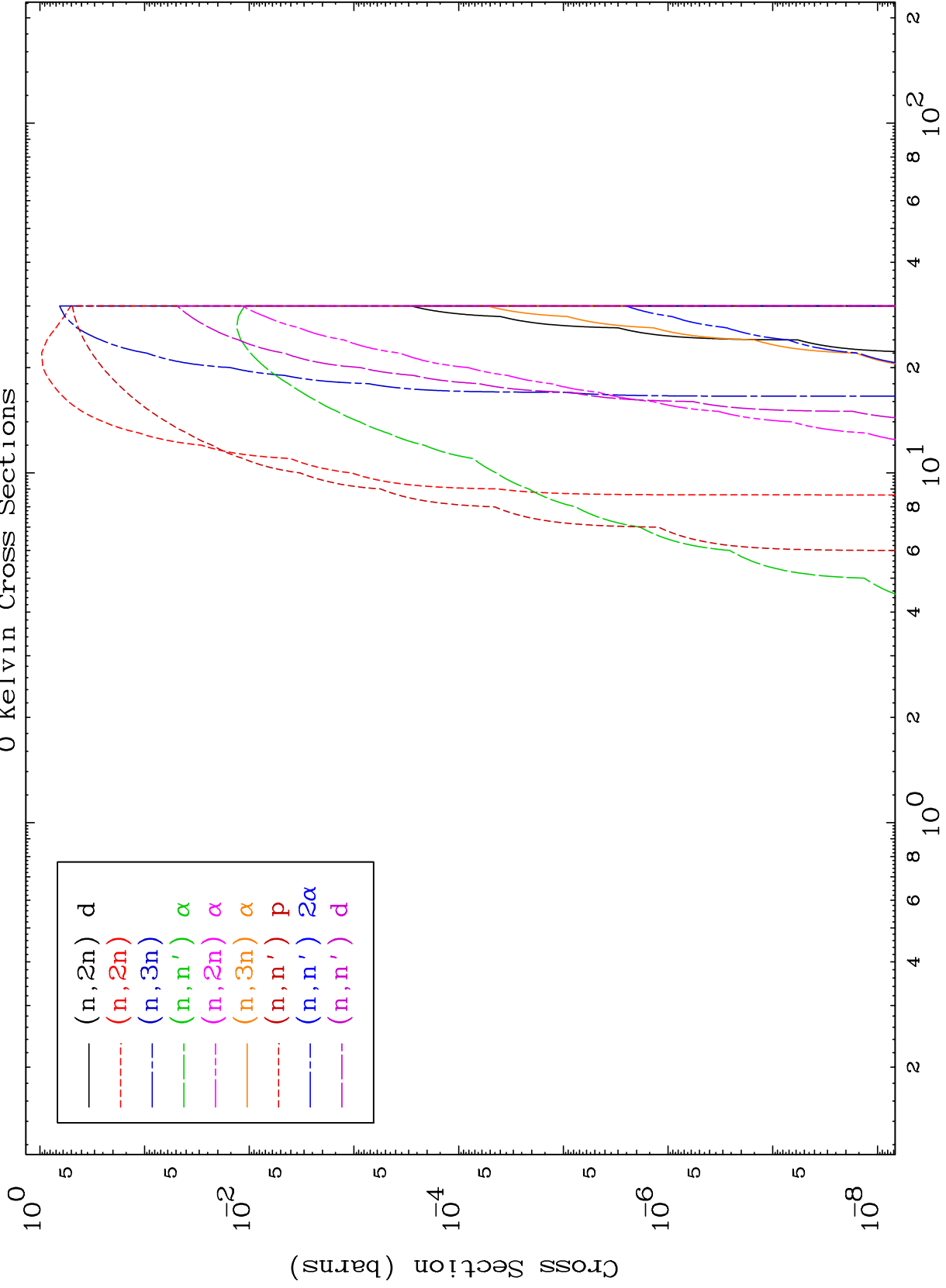
83-Bi-199

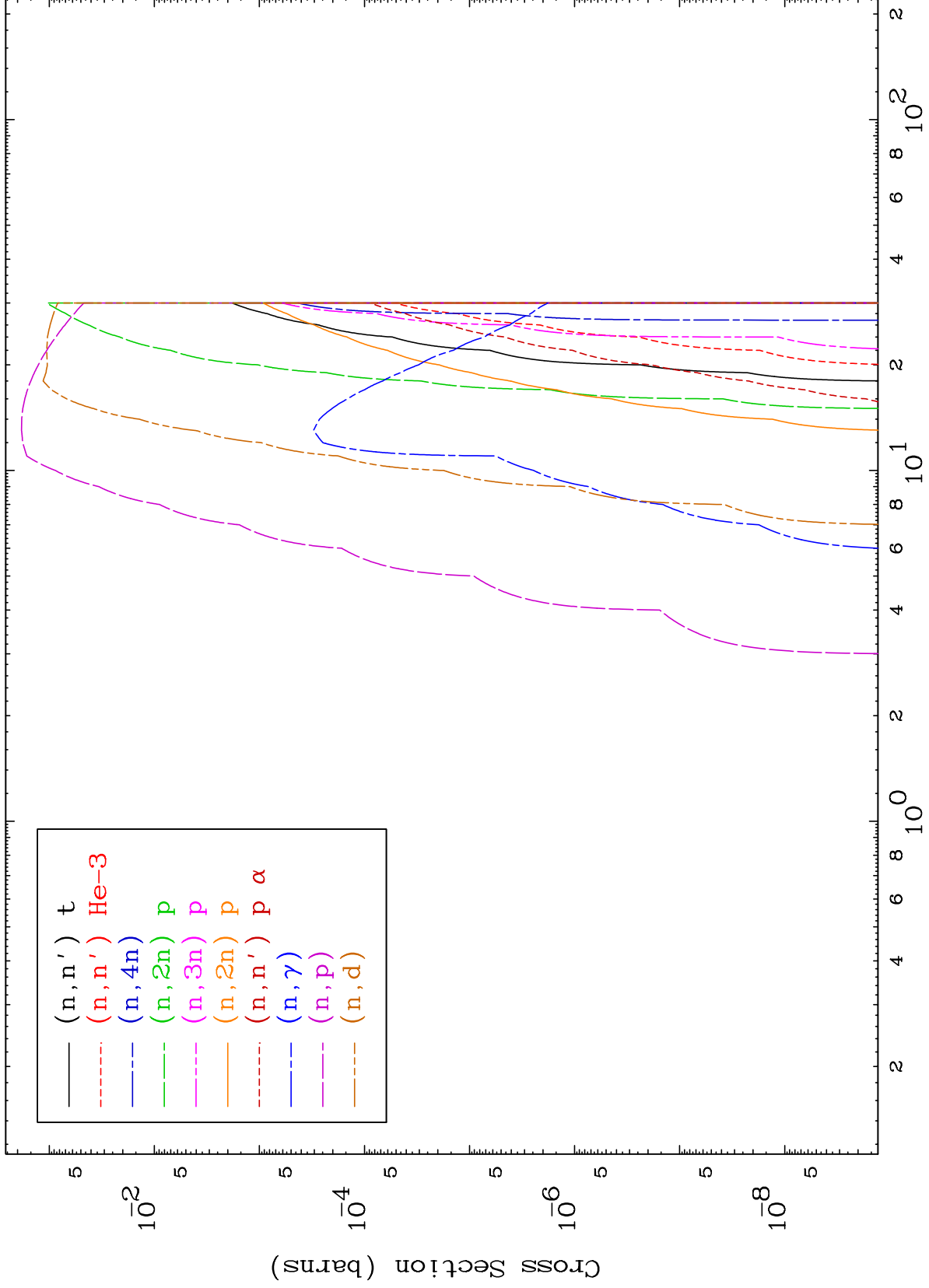


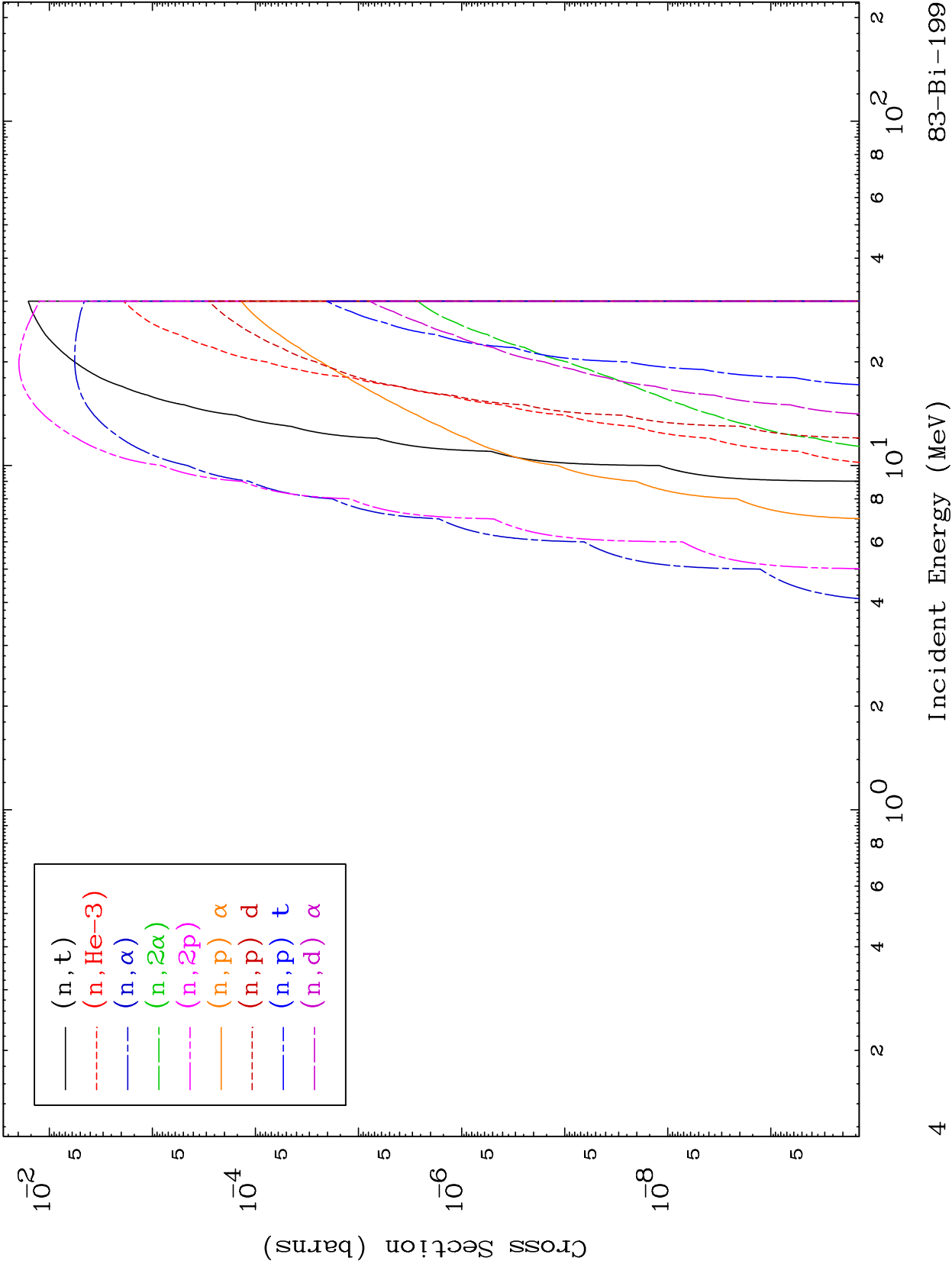
MAT 8295

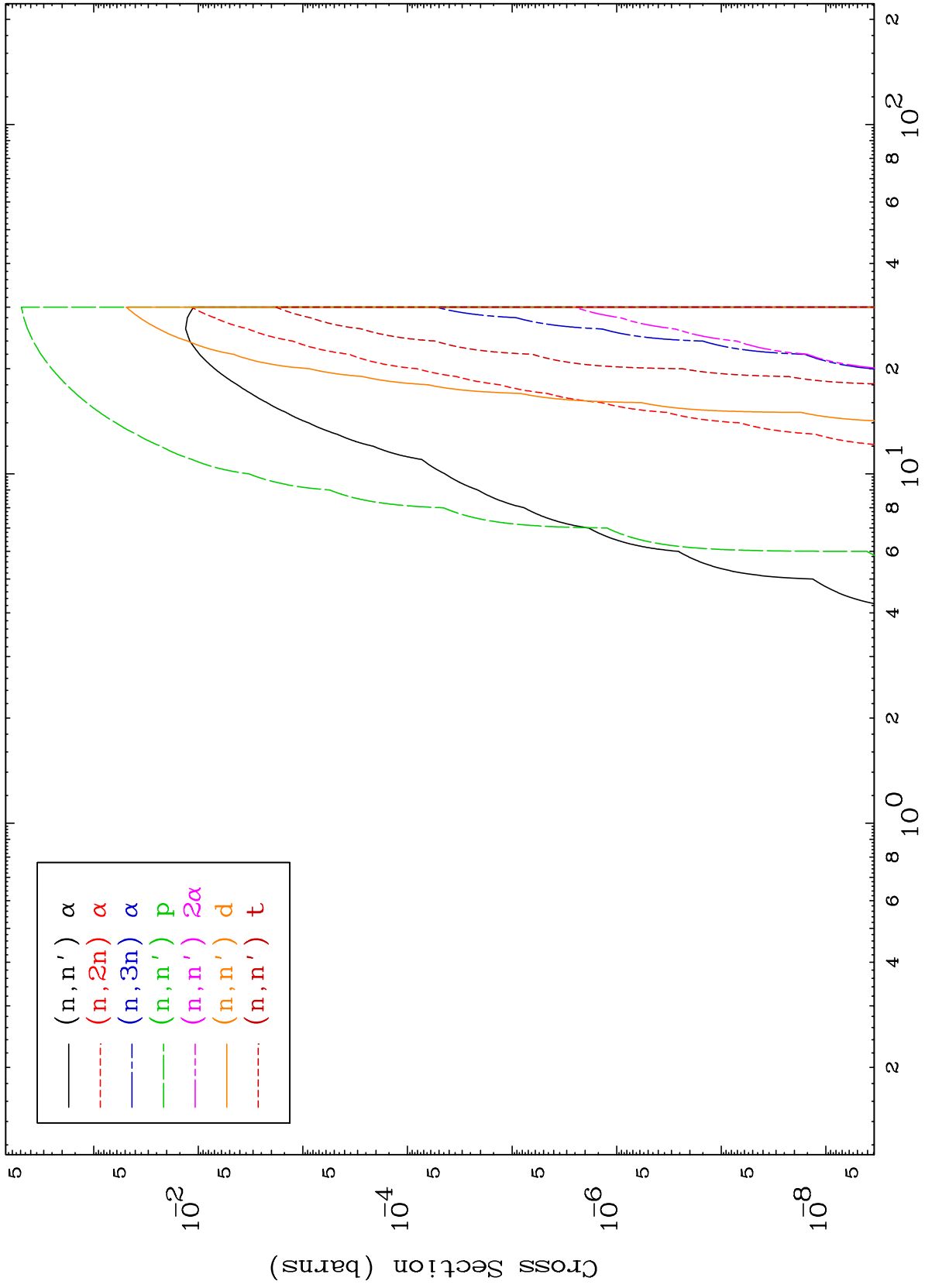
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

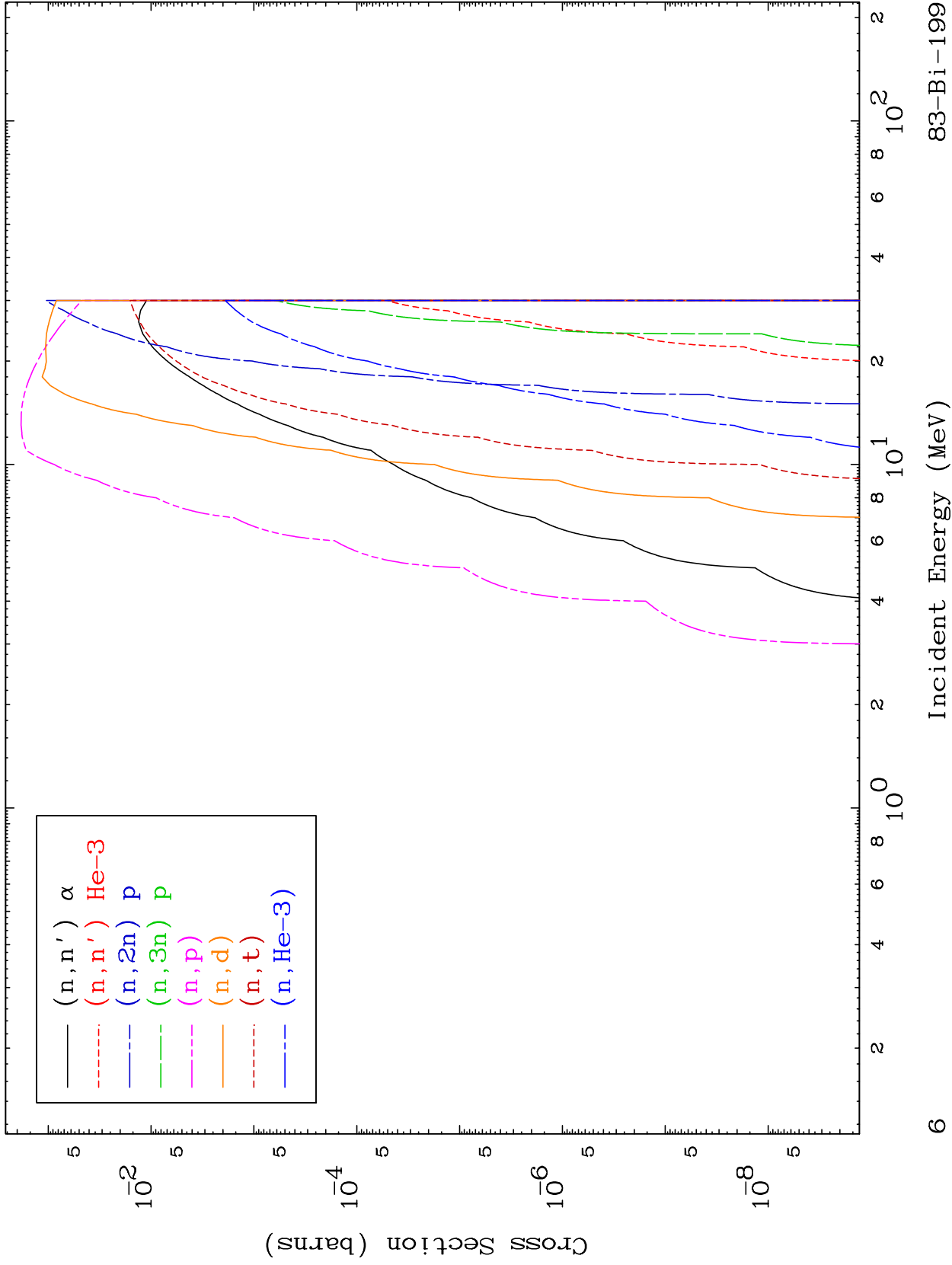
83-Bi-199

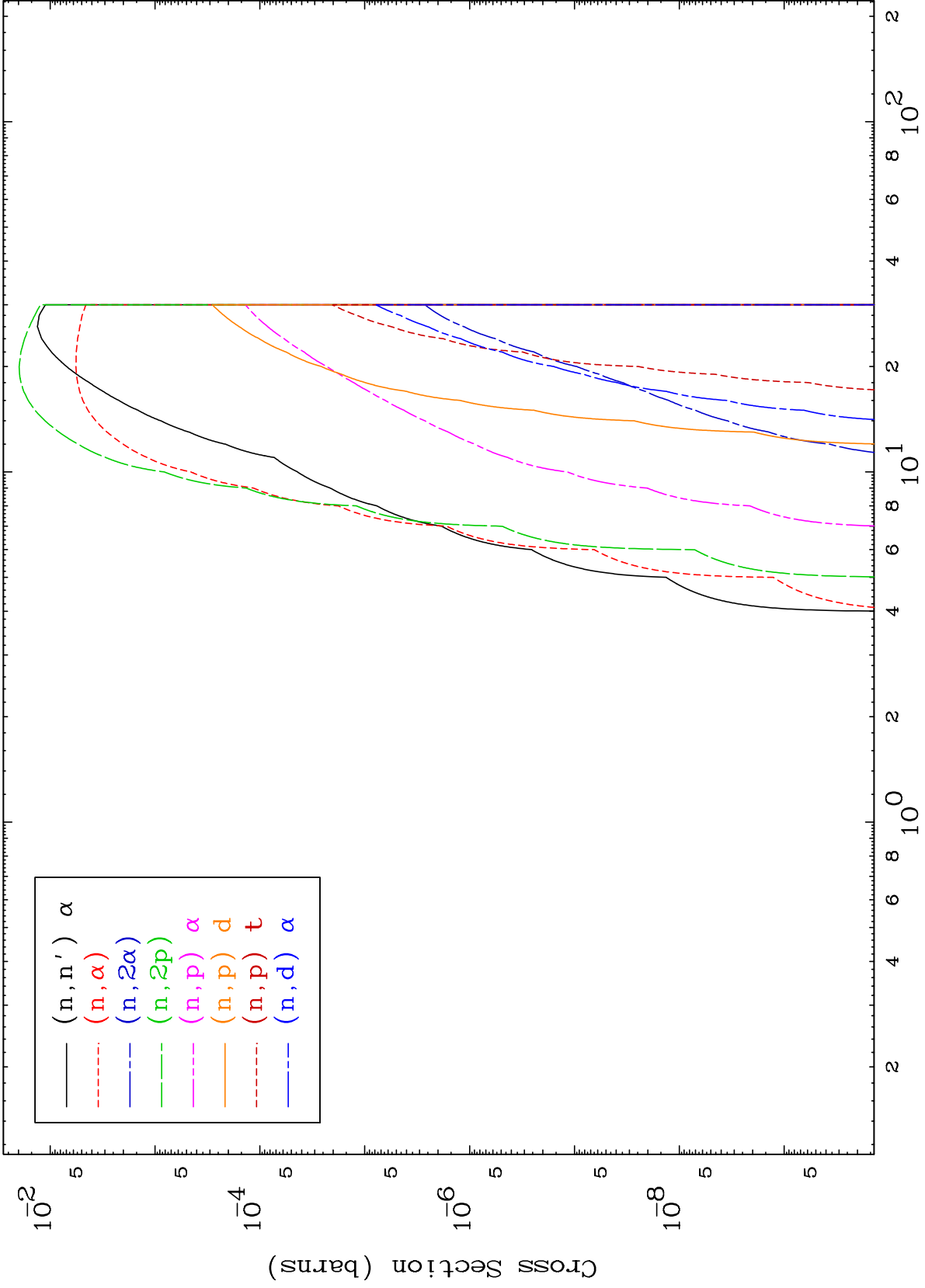












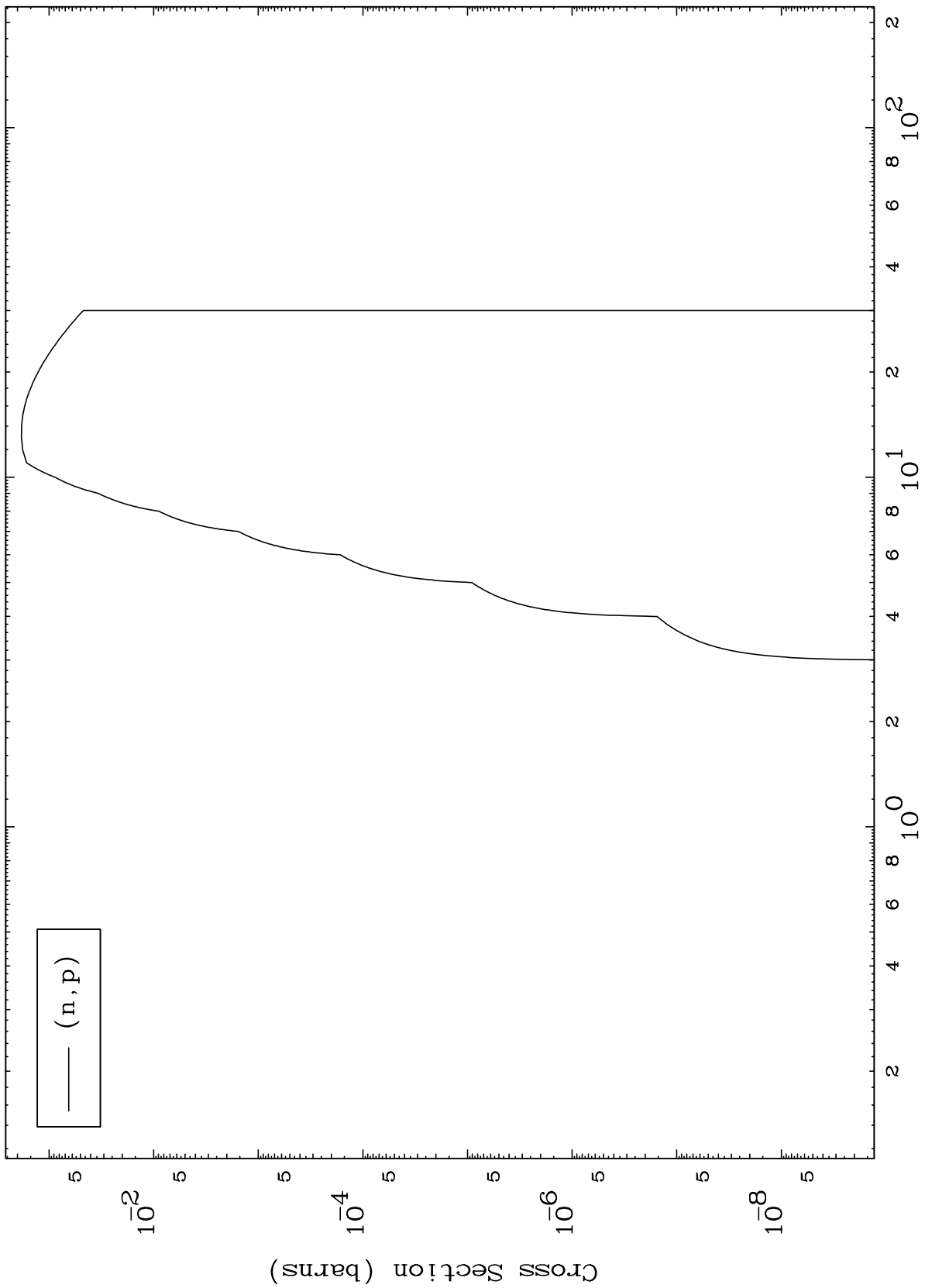


MAT 8295

(d,p) Levels

83-Bi-199

0 Kelvin Cross Sections

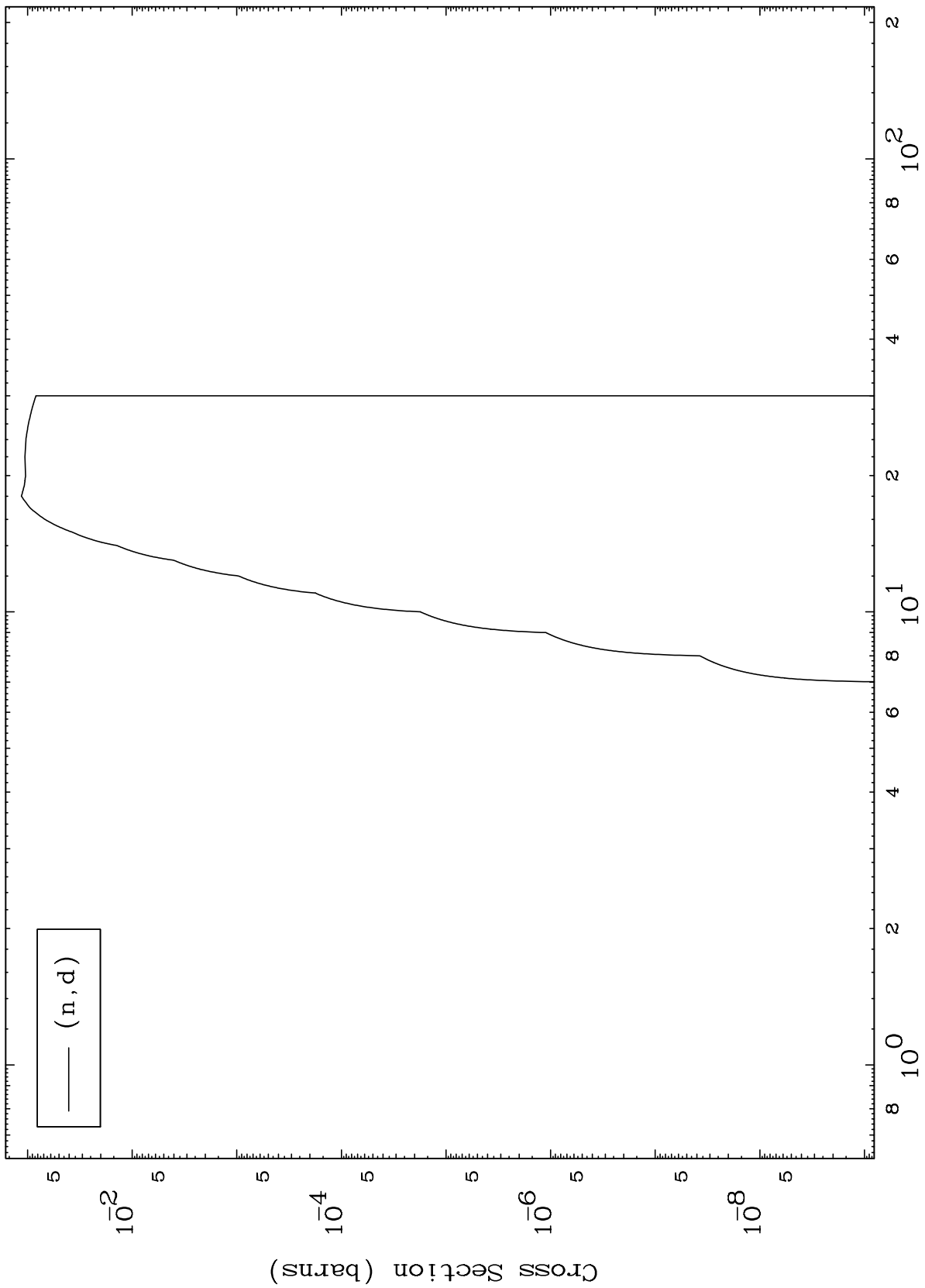


MAT 8295

(d,d) Levels

83-Bi-199

0 Kelvin Cross Sections



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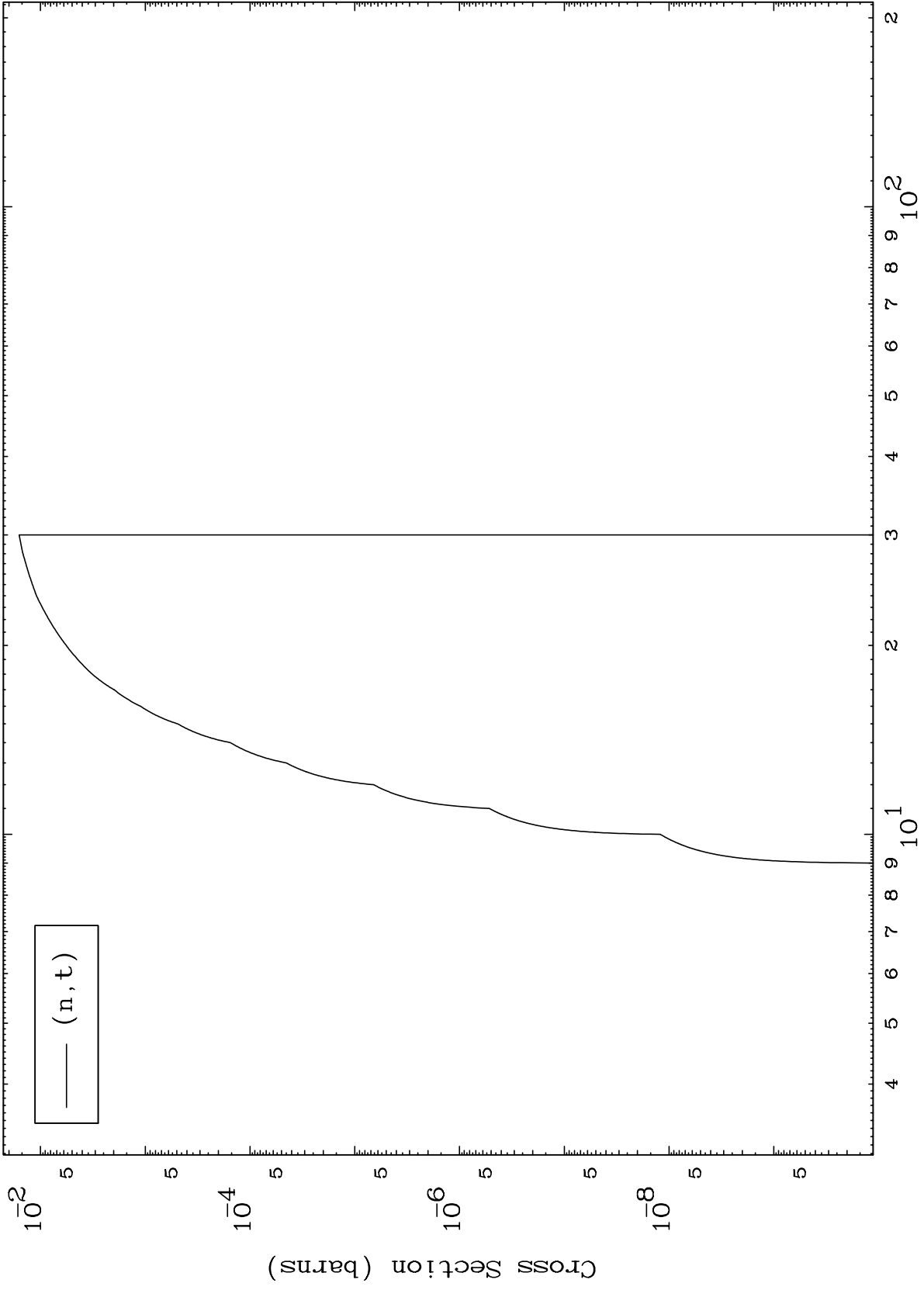
Incident Energy (MeV)

83-Bi-199

MAT 8295

(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-199



10

Incident Energy (MeV)

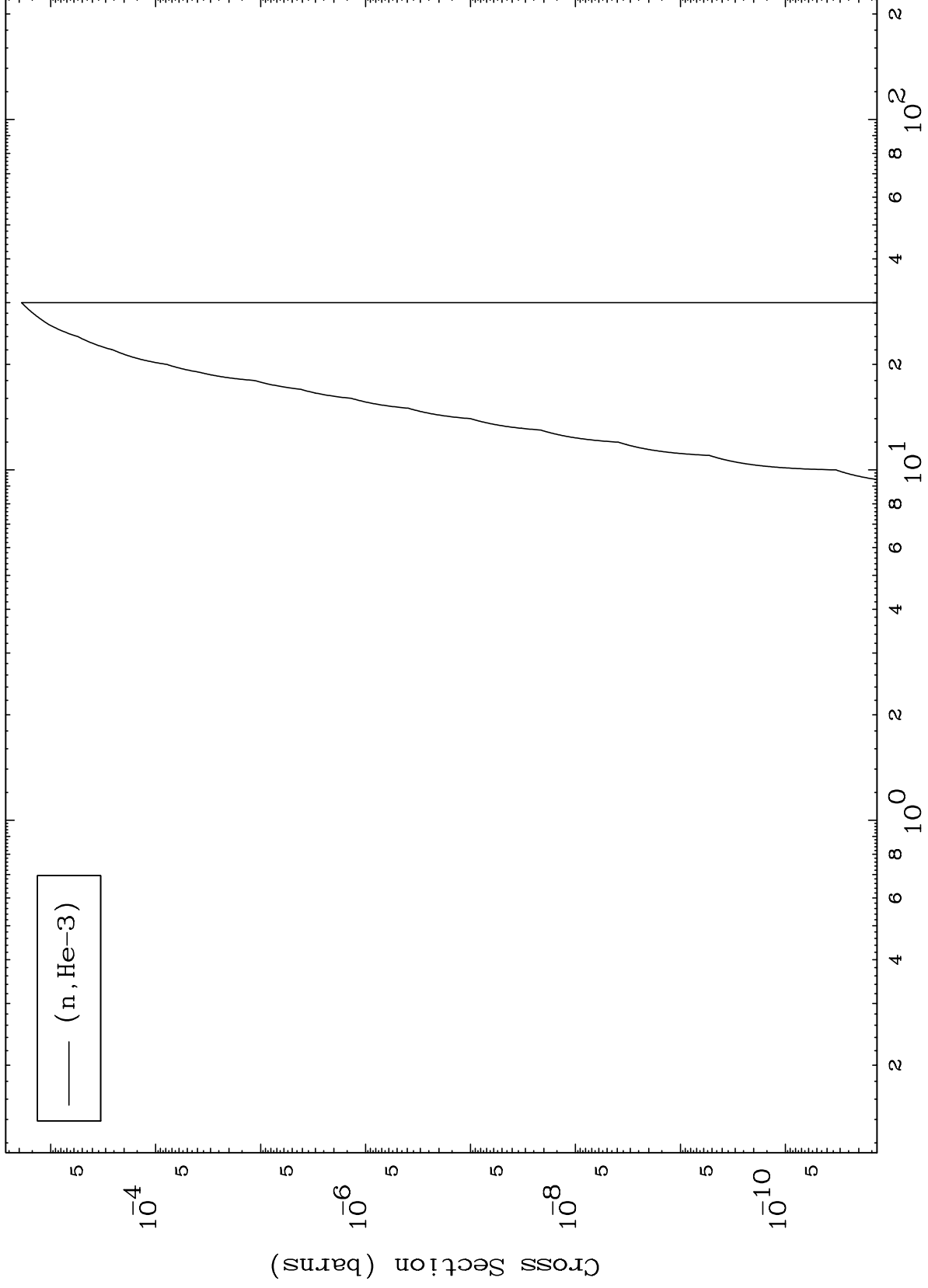
83-Bi-199

MAT 8295

(d,He3) Levels

83-Bi-199

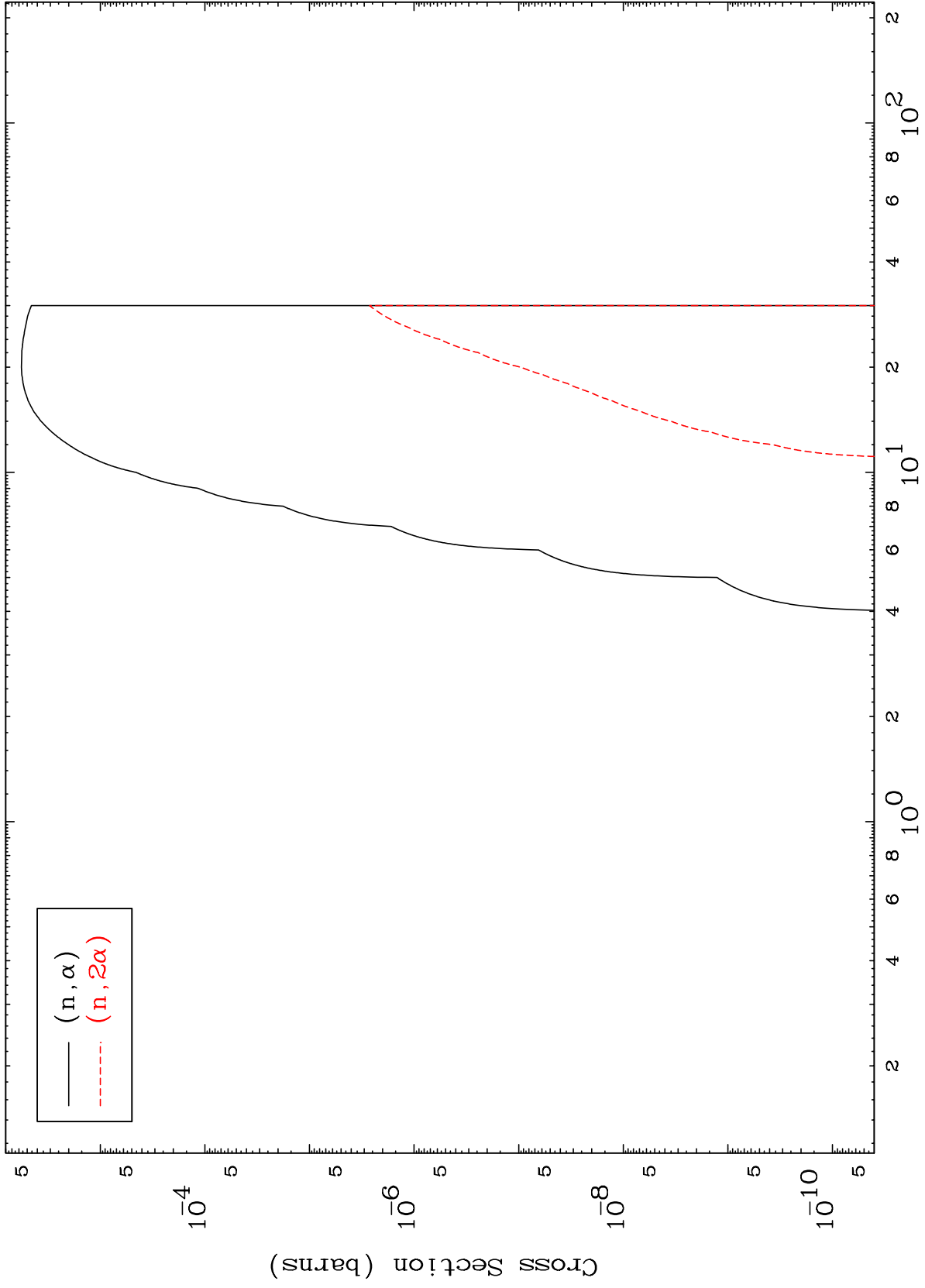
0 Kelvin Cross Sections



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

83-Bi-199

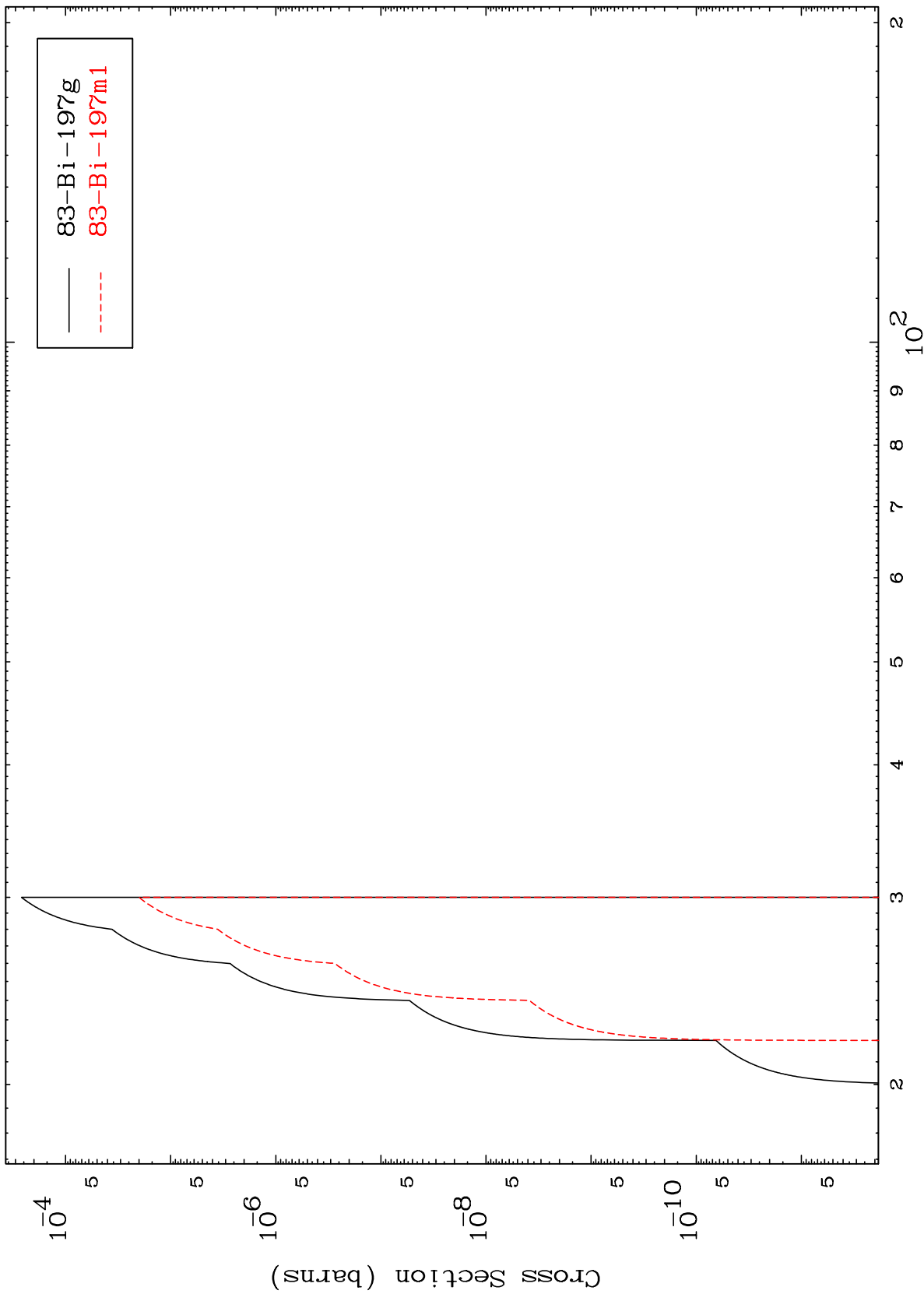


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Incident Energy (MeV)

83-Bi-199

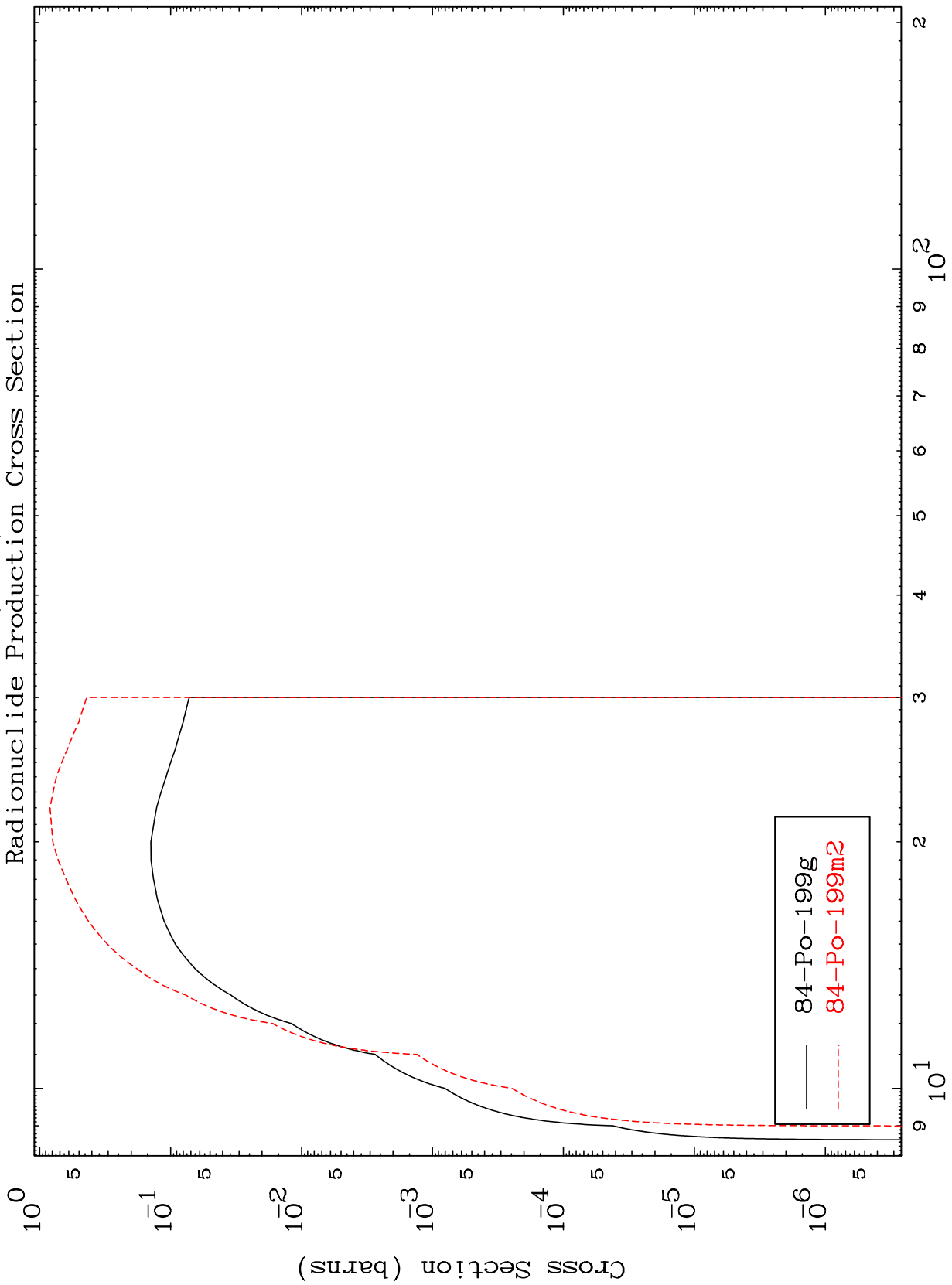
Radionuclide Production Cross Section



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83-Bi-199

(n,2n)  
Radionuclide Production Cross Section



83-Bi-199

Incident Energy (MeV)

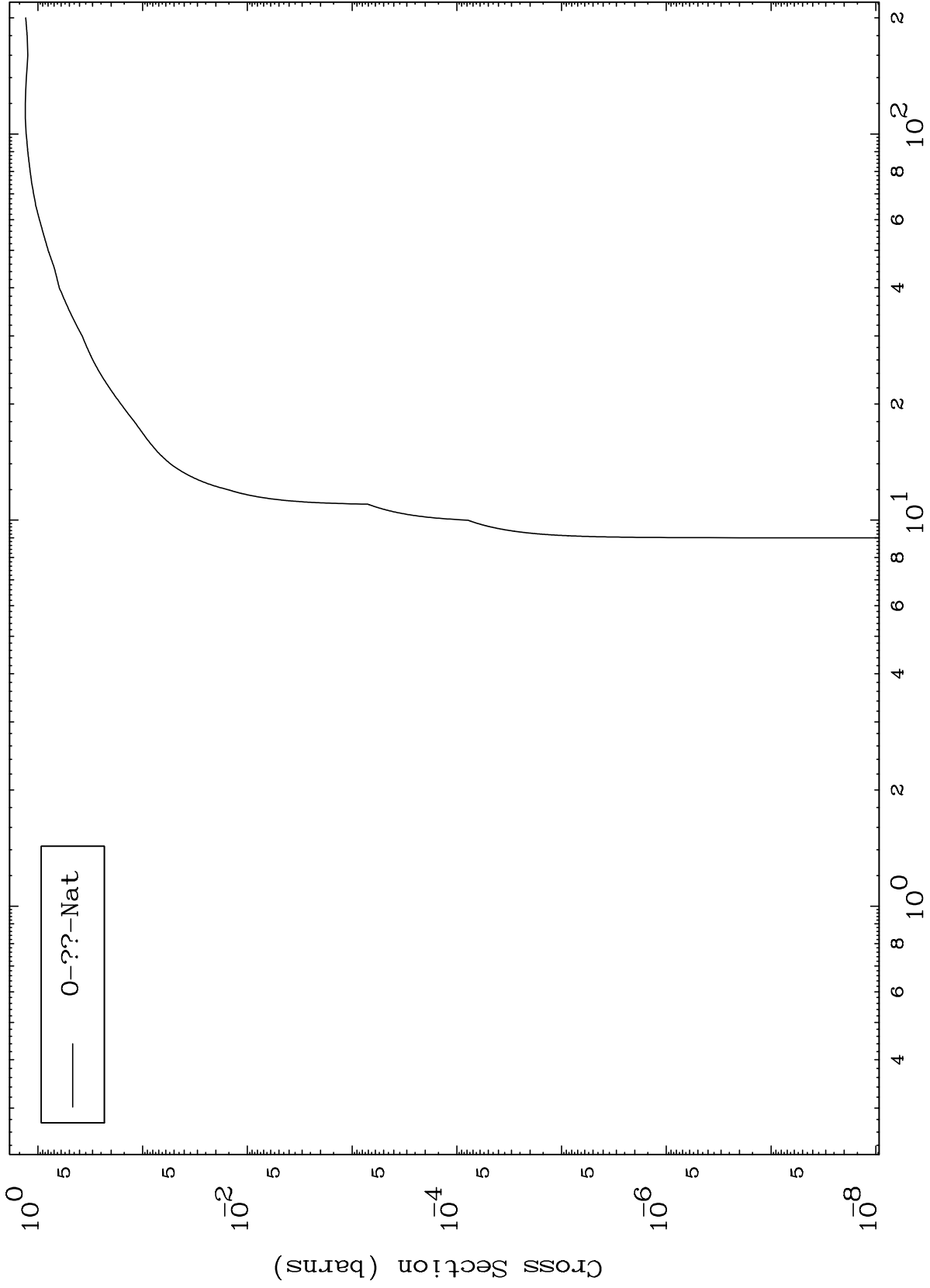
14

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Fission

83-Bi-199

Radionuclide Production Cross Section

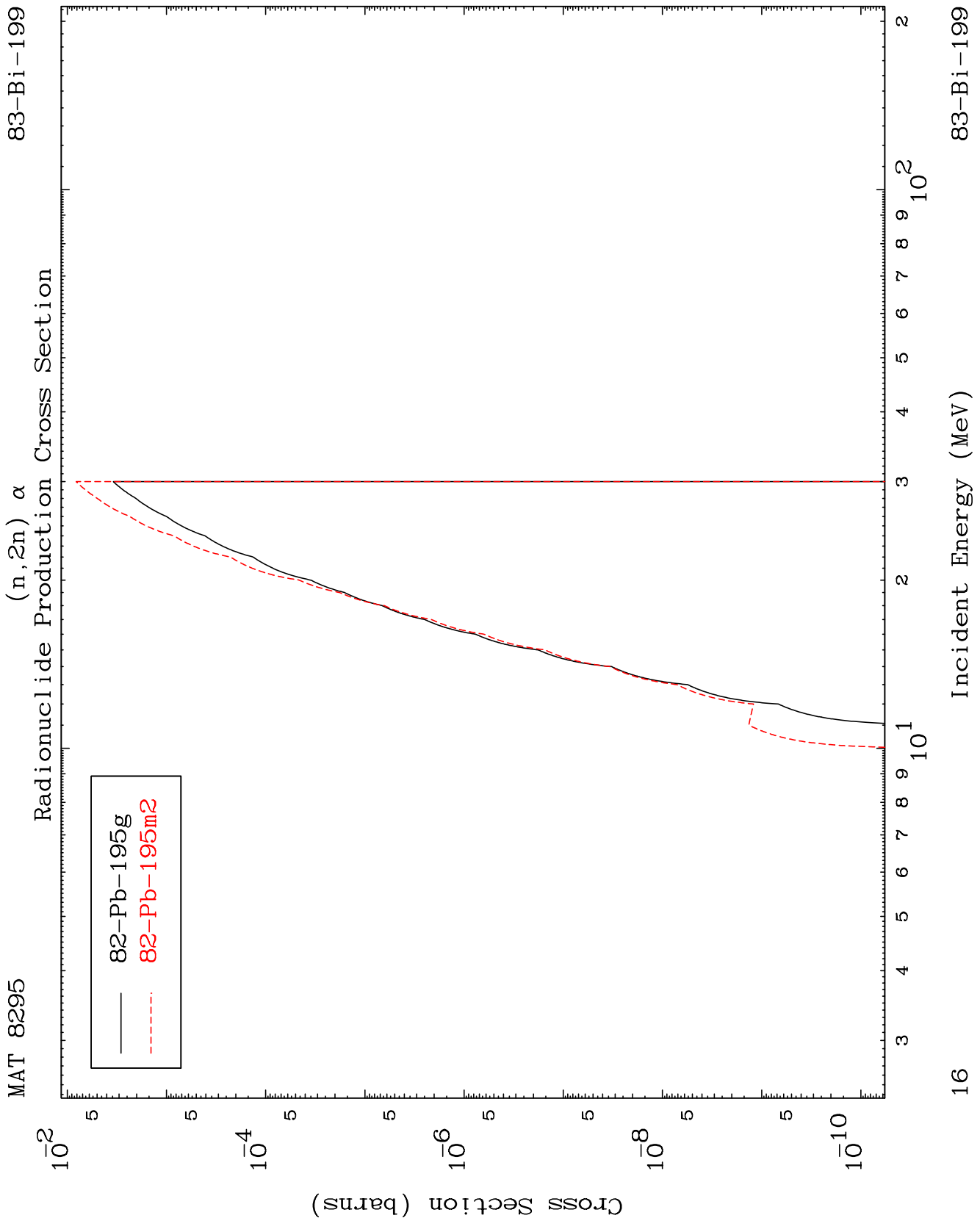


15

83-Bi-199

83-Bi-199





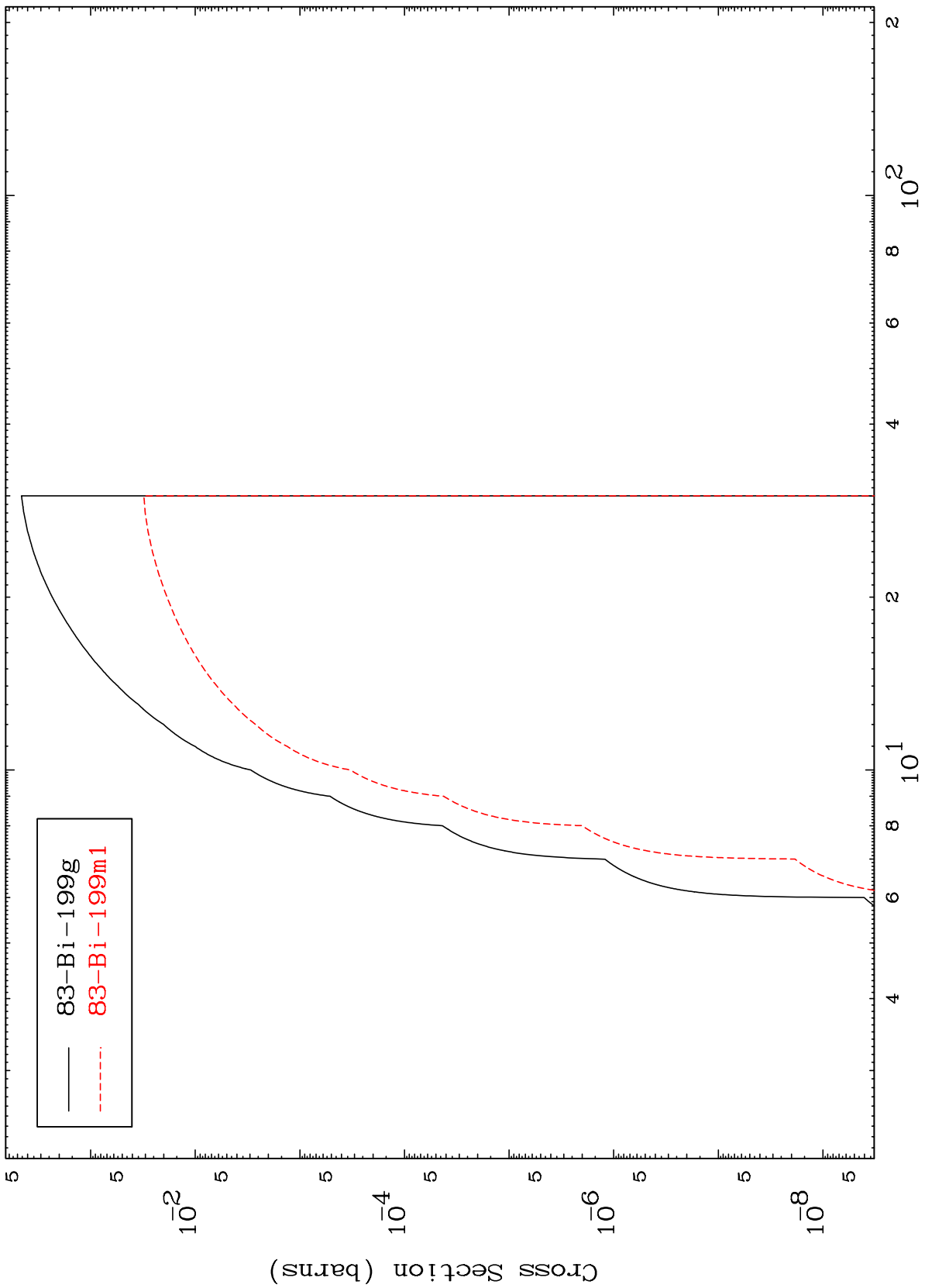
—	82-Pb-195g
- - -	82-Pb-195m2

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(n,n') p

83-Bi-199

Radionuclide Production Cross Section

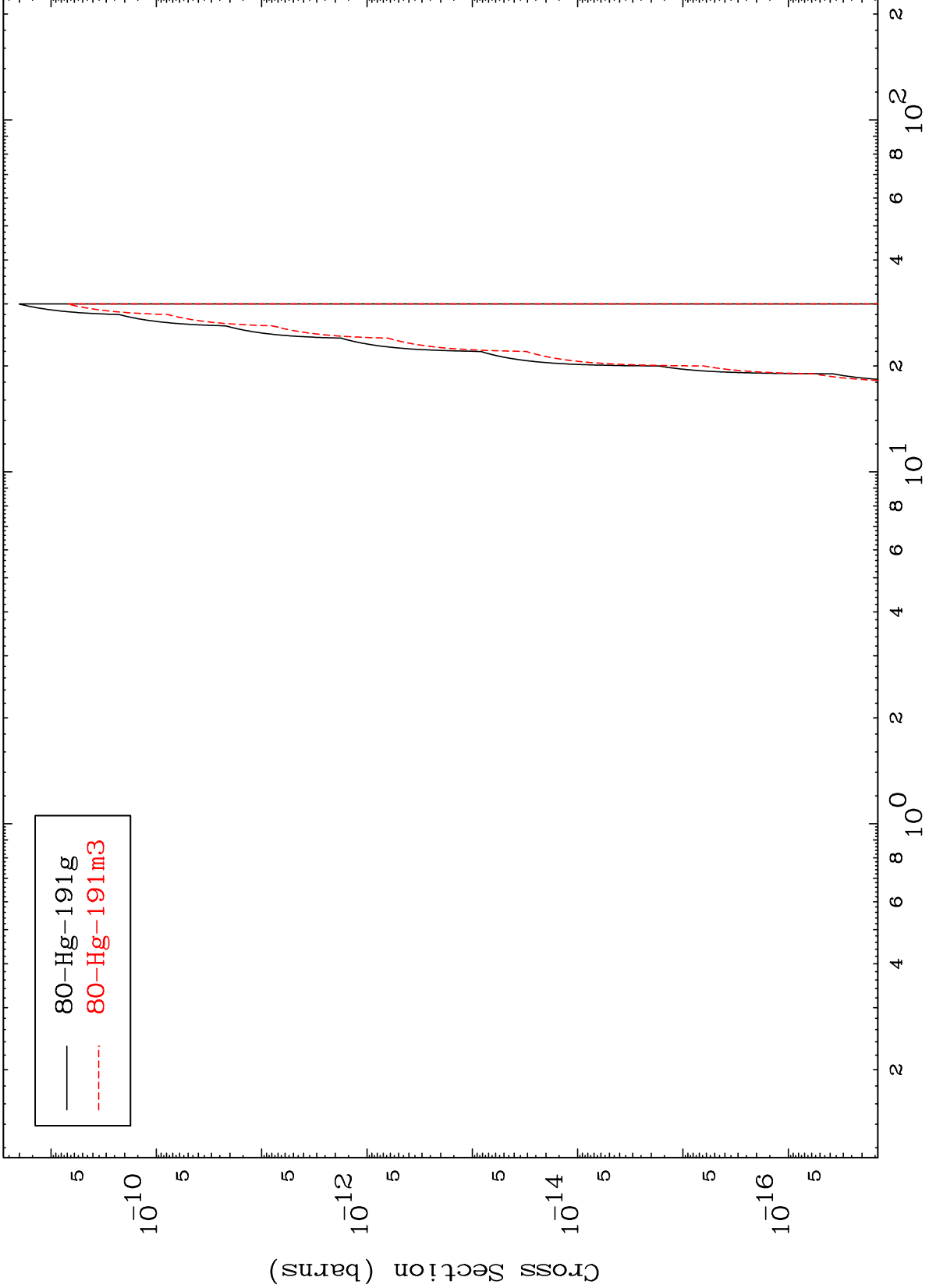


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(n,2n) 2 $\alpha$

83-Bi-199

Radionuclide Production Cross Section



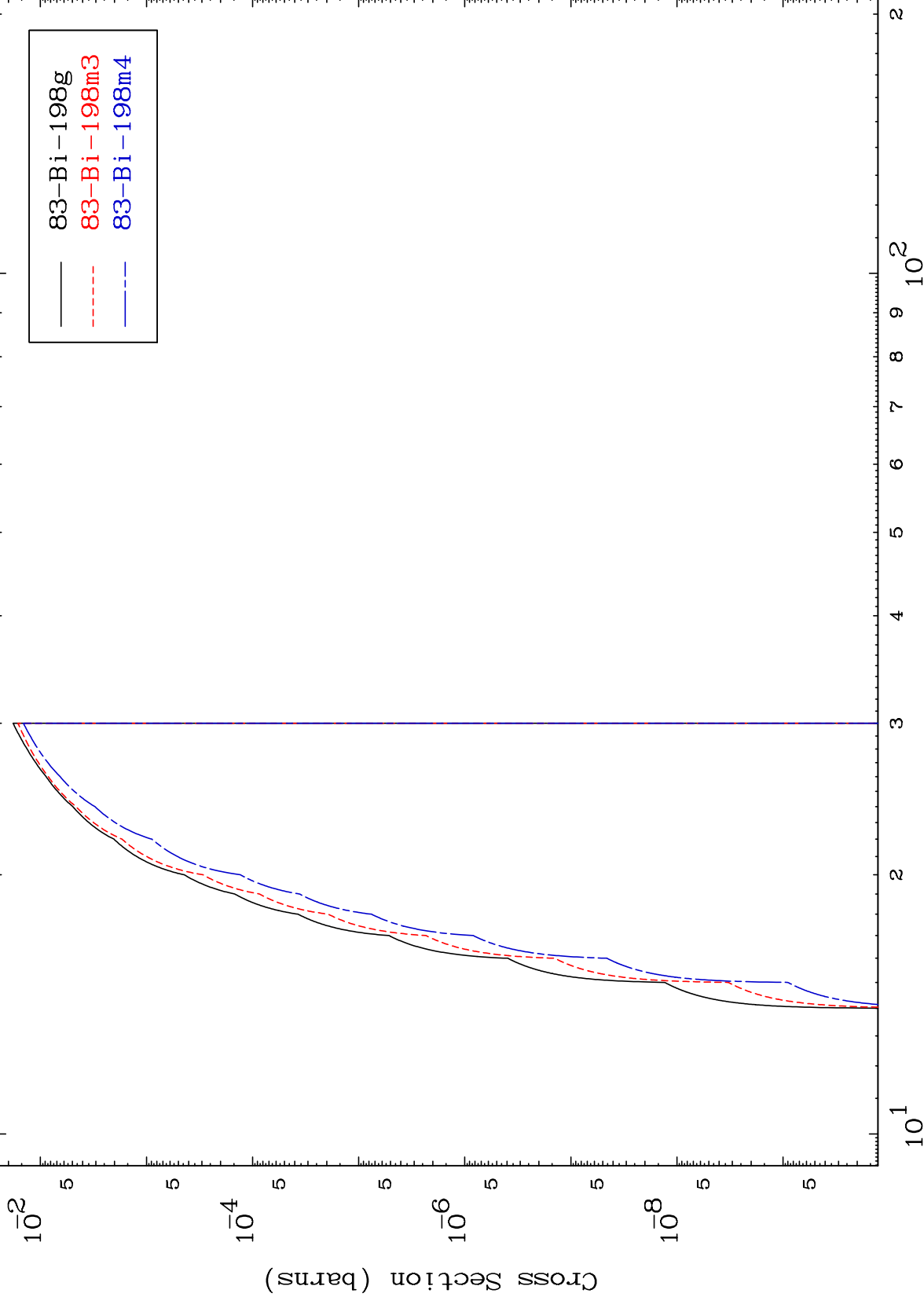
80-Hg-191g  
80-Hg-191m3

MAT 8295

(n,n') d

83-Bi-199

Radionuclide Production Cross Section



Incident Energy (MeV)

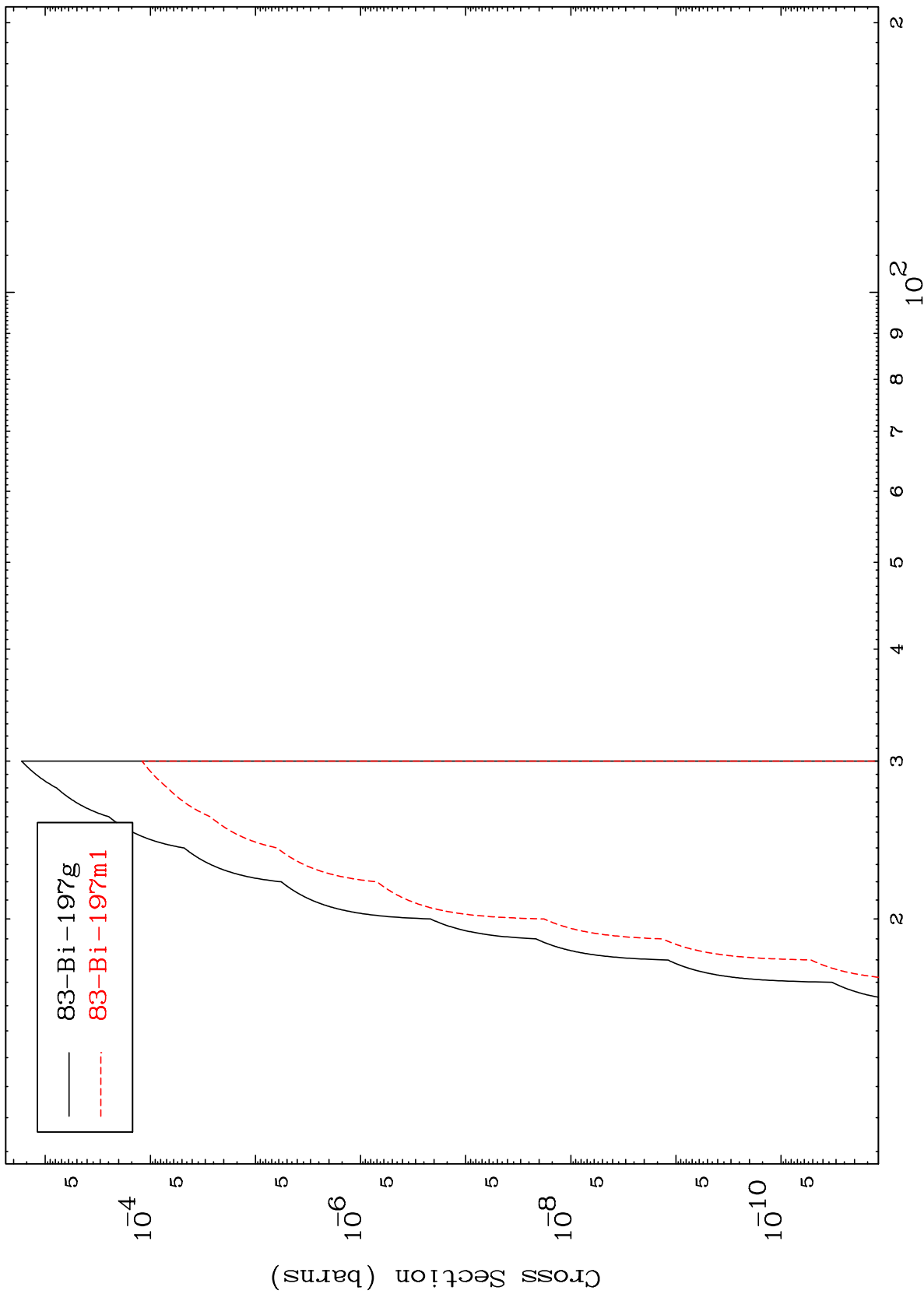
83-Bi-199

MAT 8295

(n,n') t

83-Bi-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

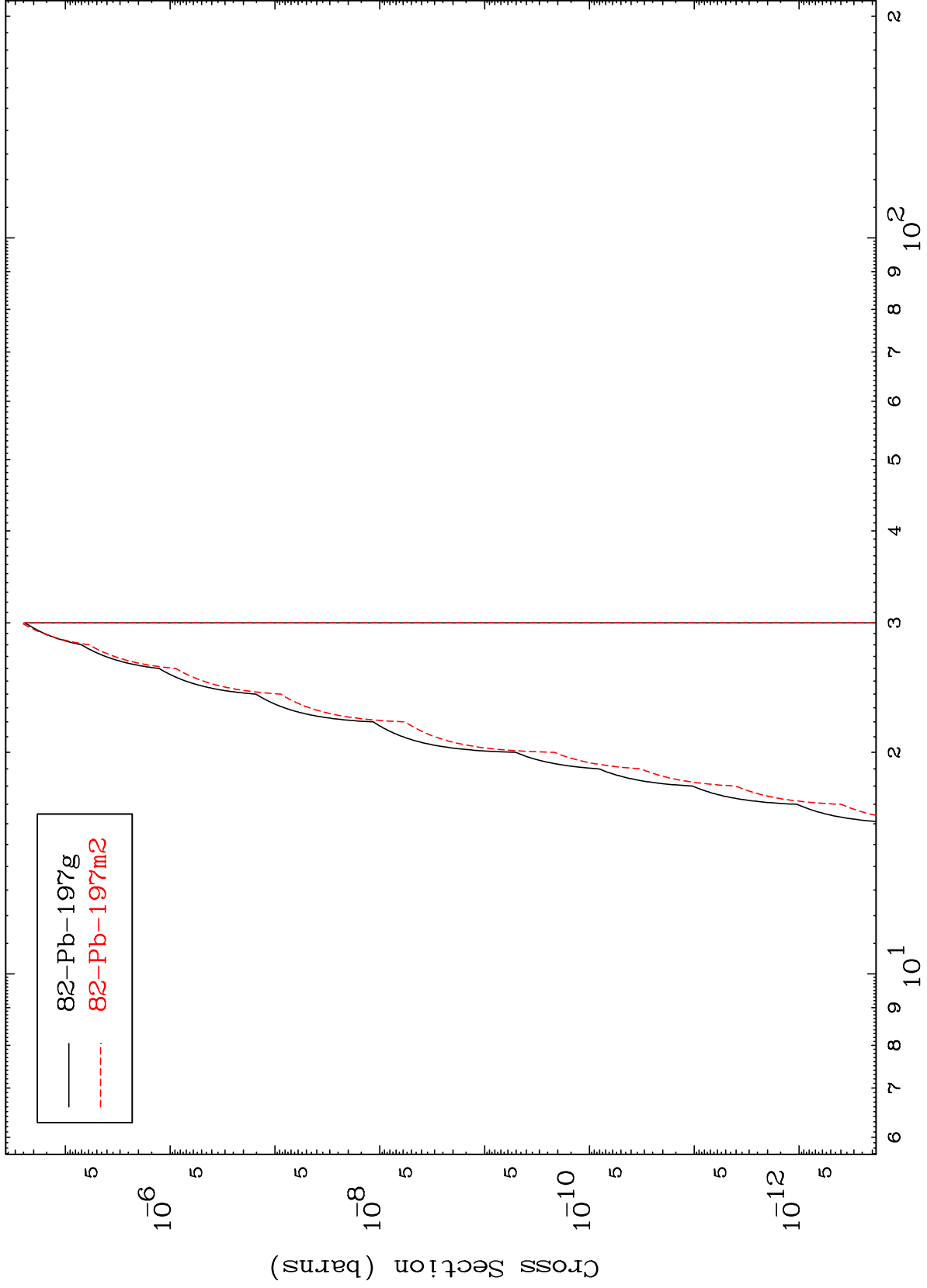
83-Bi-199

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(n,n') He-3

83-Bi-199

Radionuclide Production Cross Section



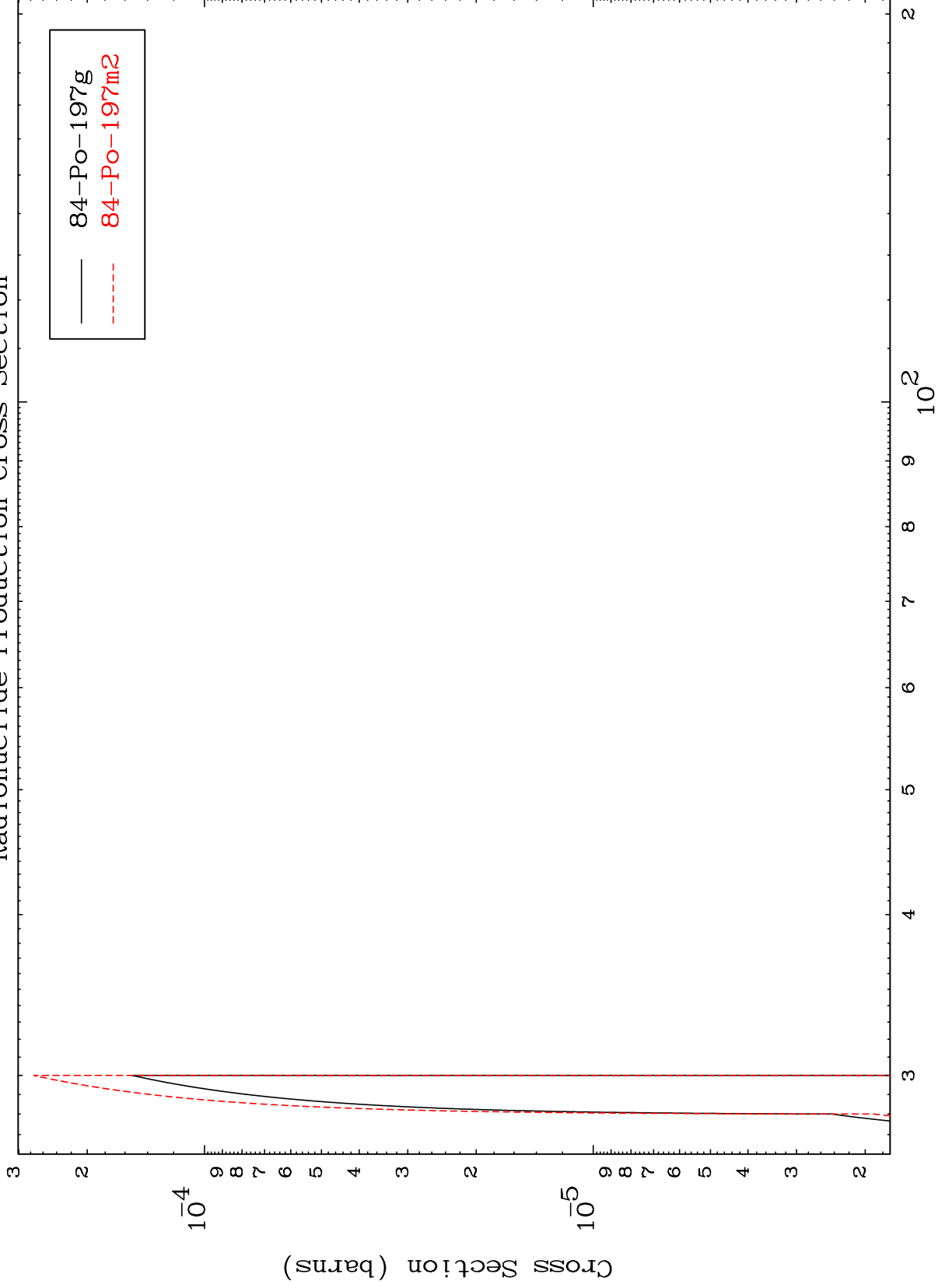
— 82-Pb-197g  
- - - 82-Pb-197m2

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(n,4n)

83-Bi-199

Radionuclide Production Cross Section



22

Incident Energy (MeV)

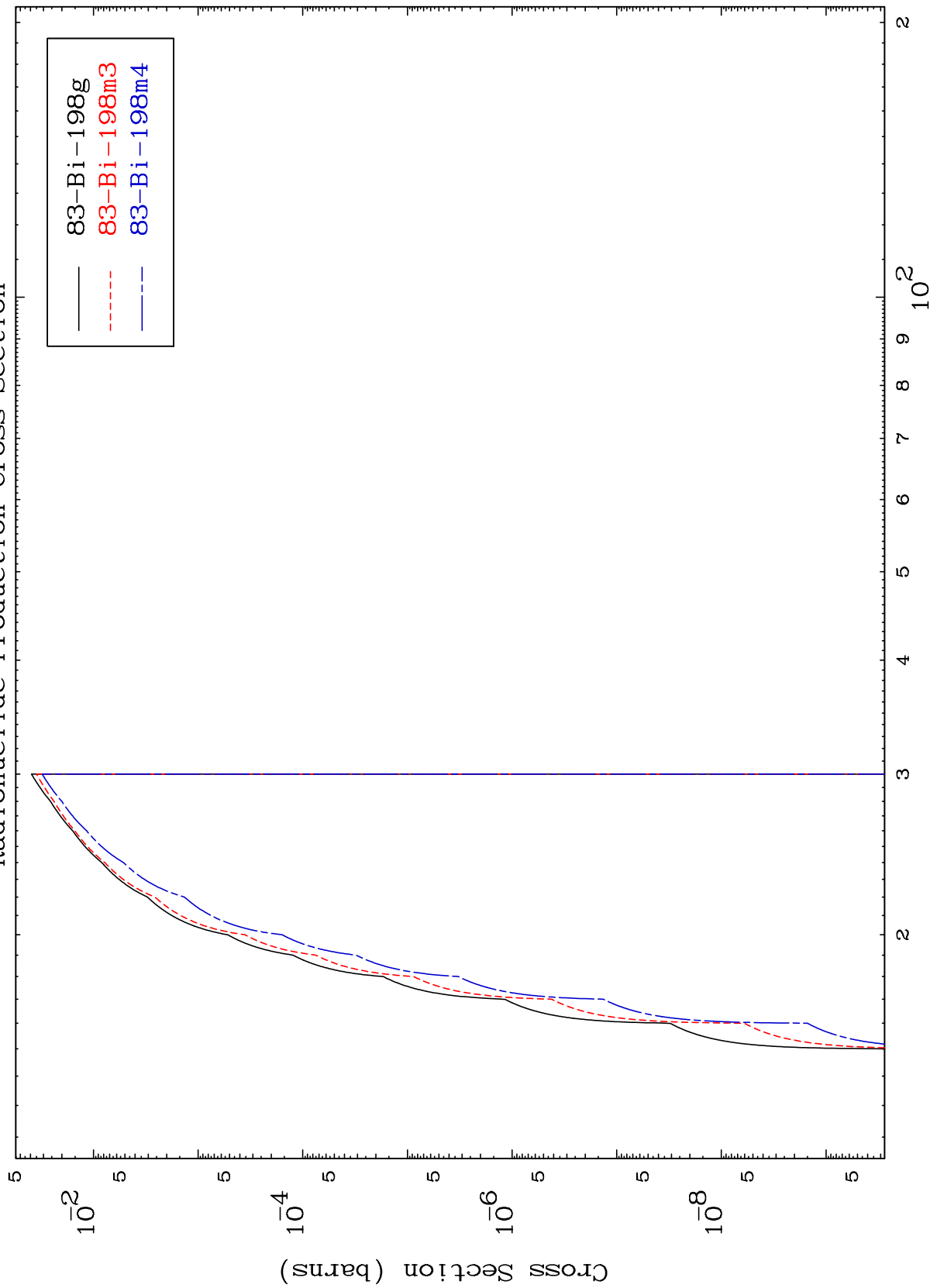
83-Bi-199

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83-Bi-199

(n,2n) p

Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-199

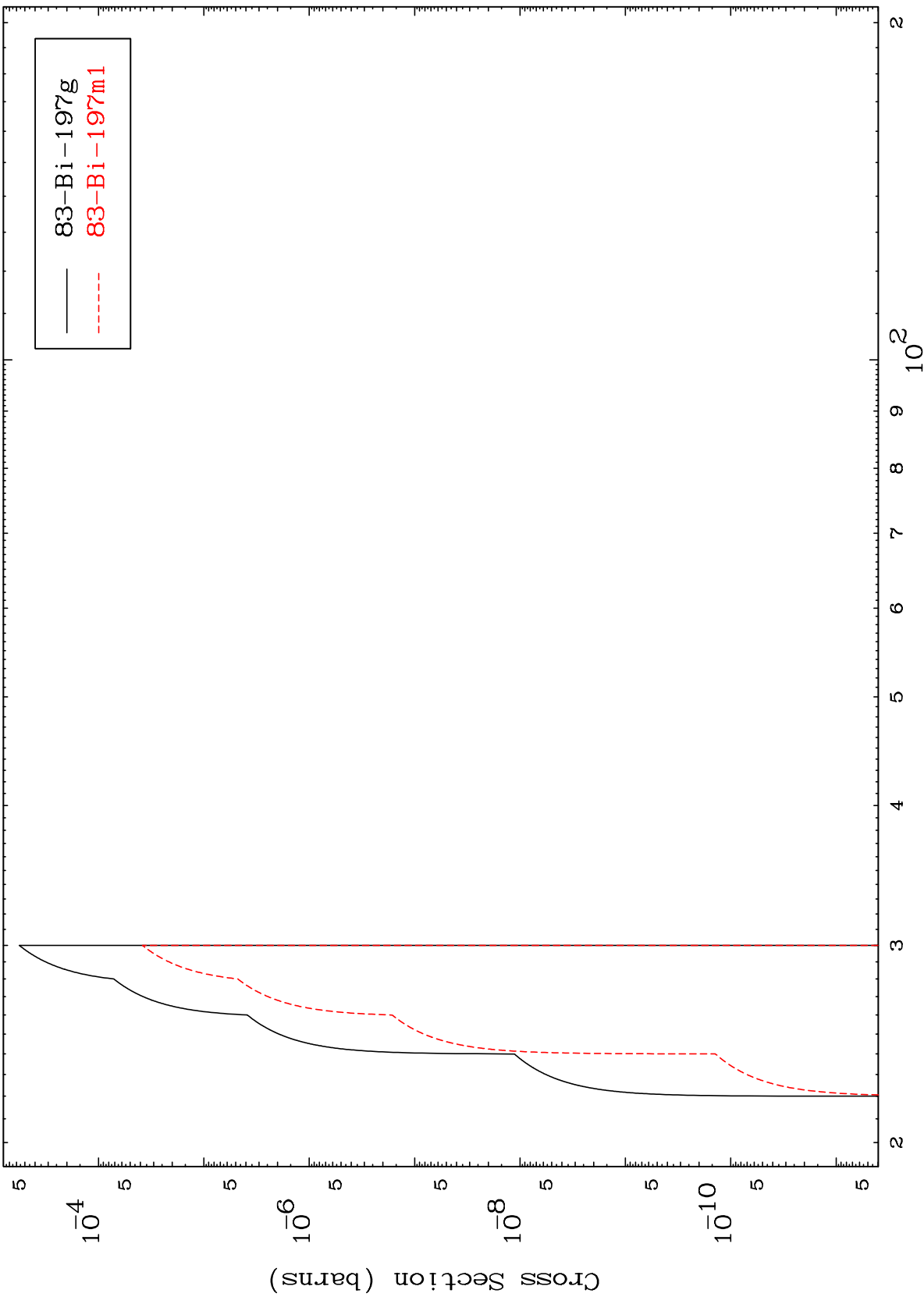


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(n,3n) p

83-Bi-199

Radionuclide Production Cross Section



24

Incident Energy (MeV)

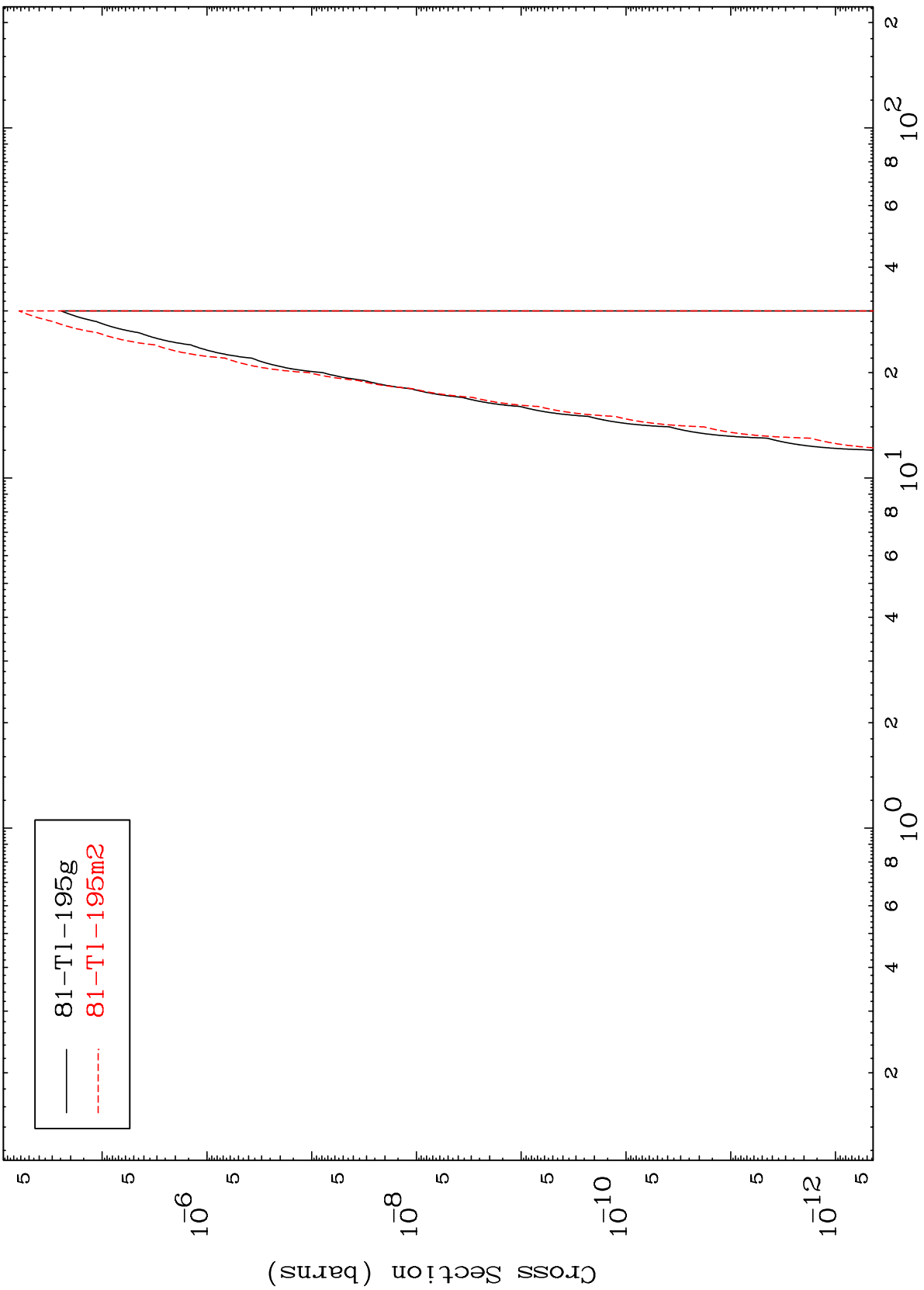
83-Bi-199

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(n,n') p  $\alpha$

83-Bi-199

Radionuclide Production Cross Section

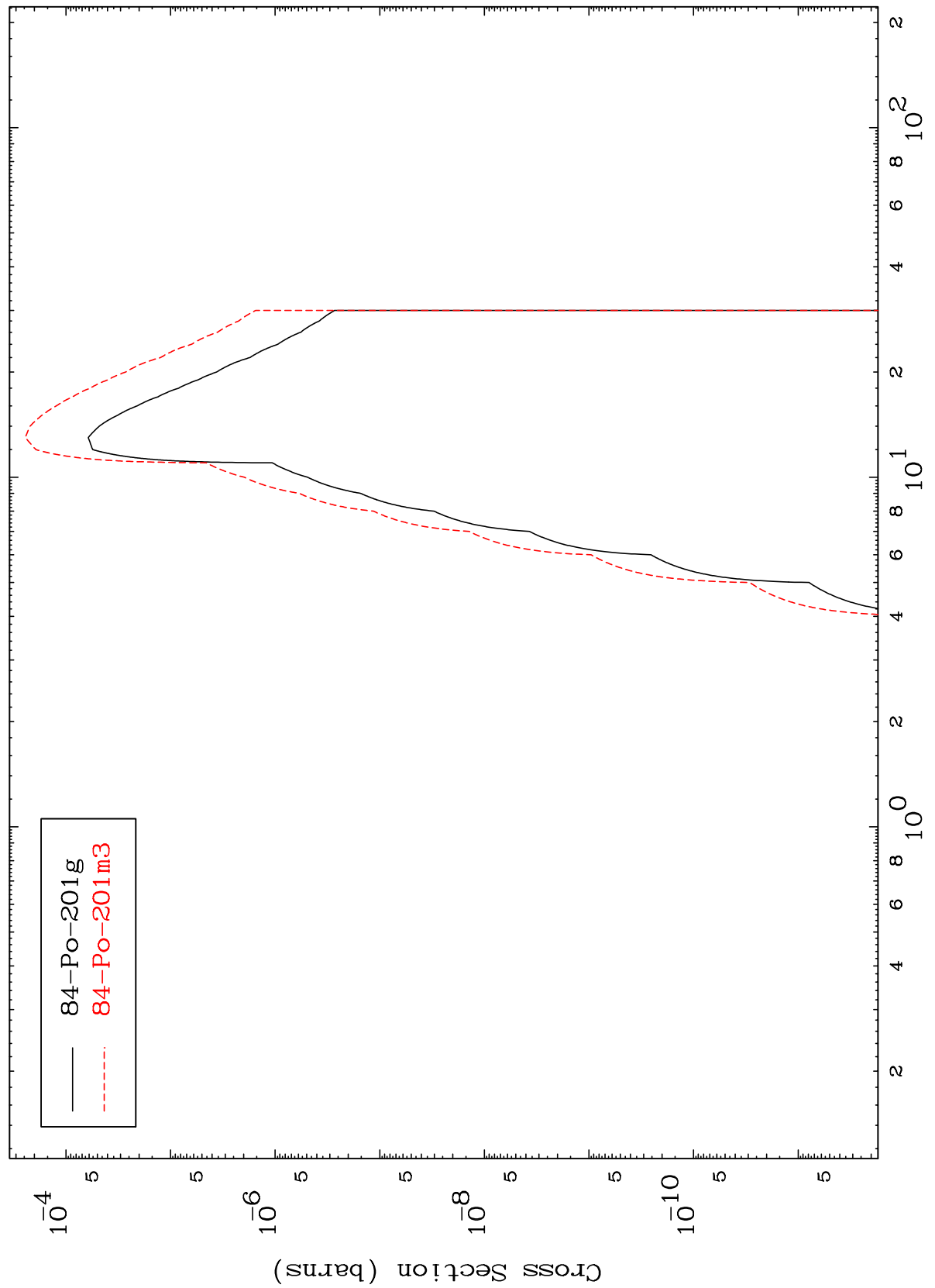


81-Tl-195g  
81-Tl-195m2

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83-Bi-199

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



— 84-Po-201g  
- - - 84-Po-201m3

26

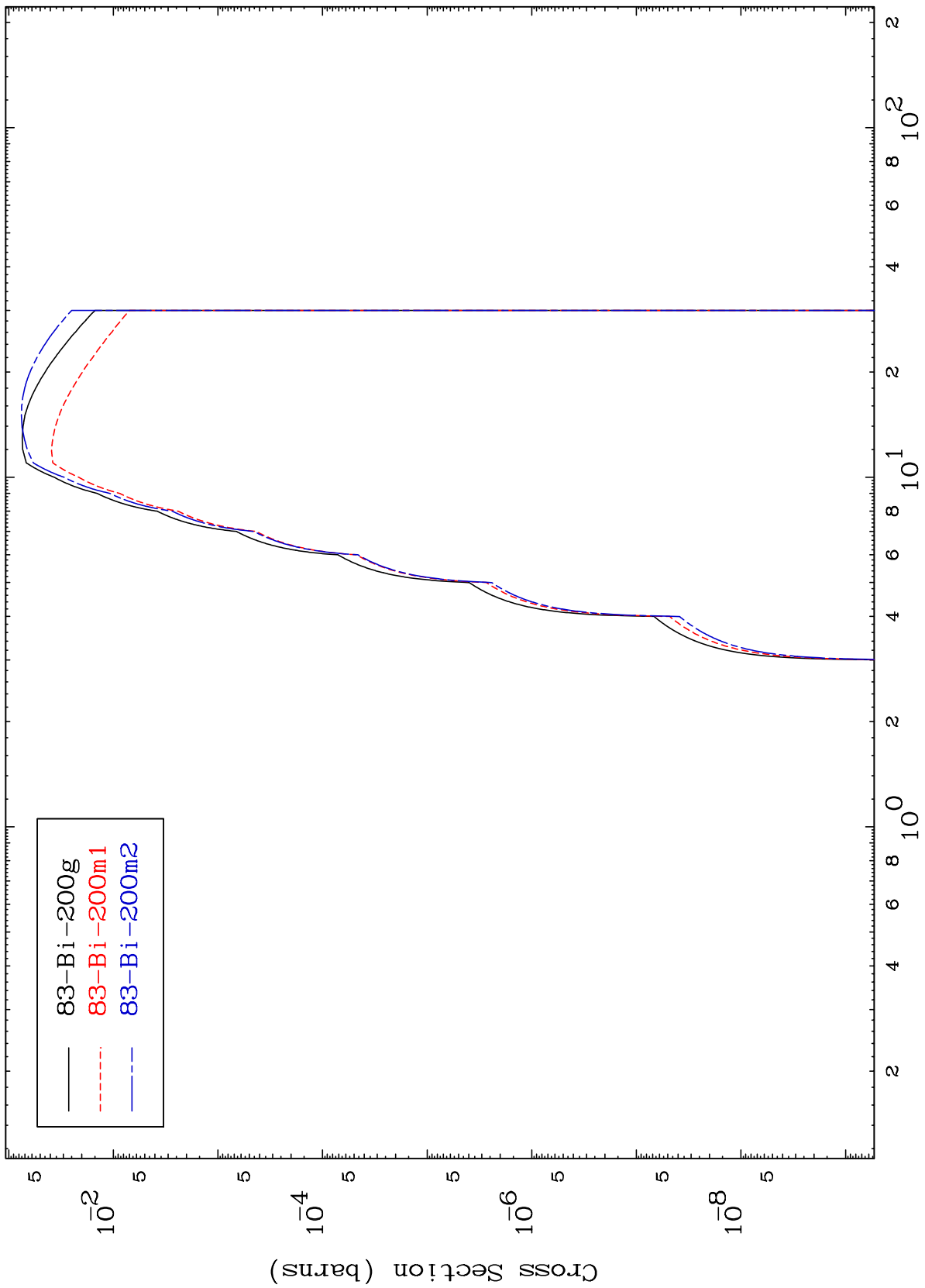
83-Bi-199

Incident Energy (MeV)

MAT 8295

83-Bi-199

(n,p)  
Radionuclide Production Cross Section



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

83-Bi-199

Incident Energy (MeV)

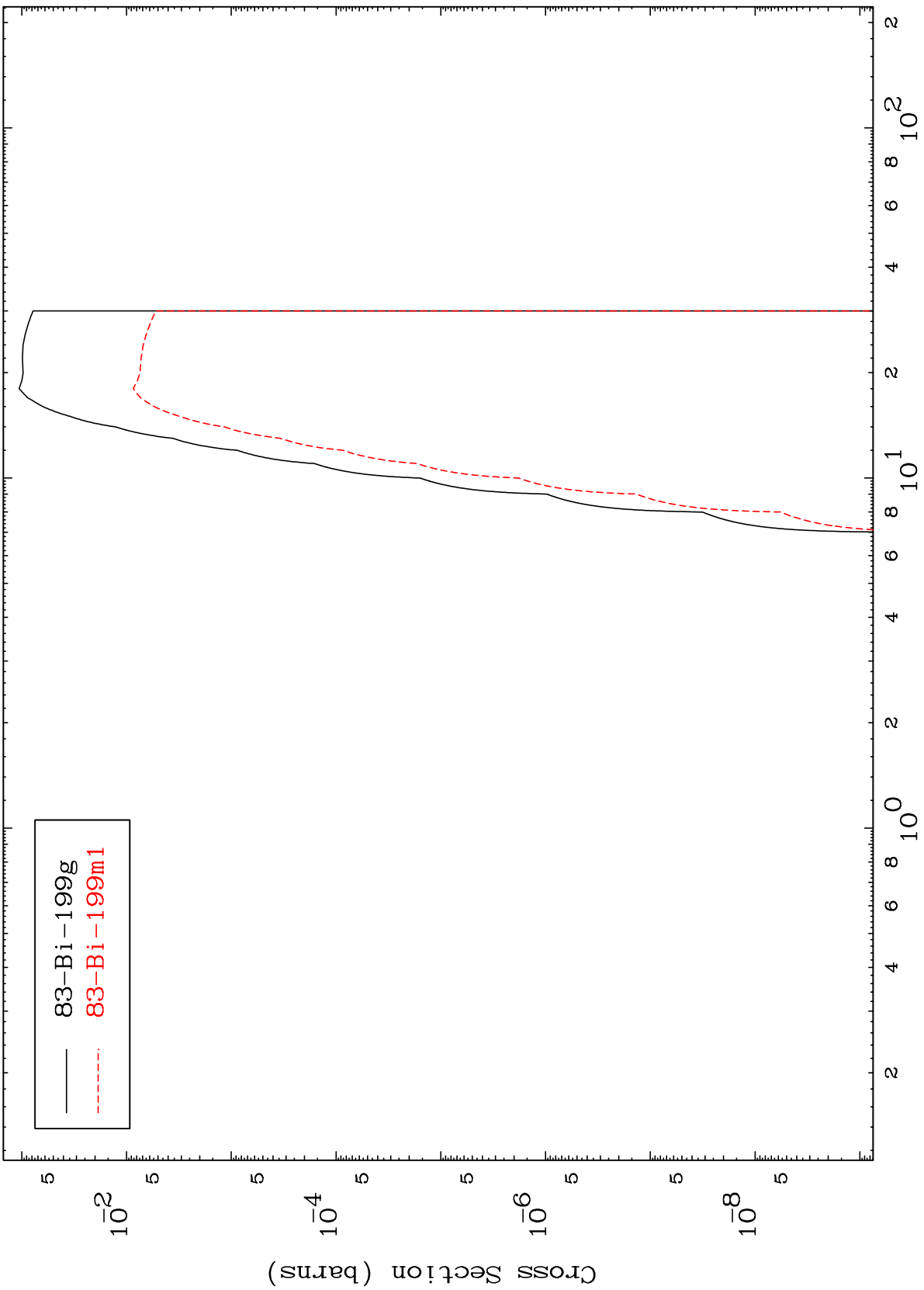
27

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(n,d)

83-Bi-199

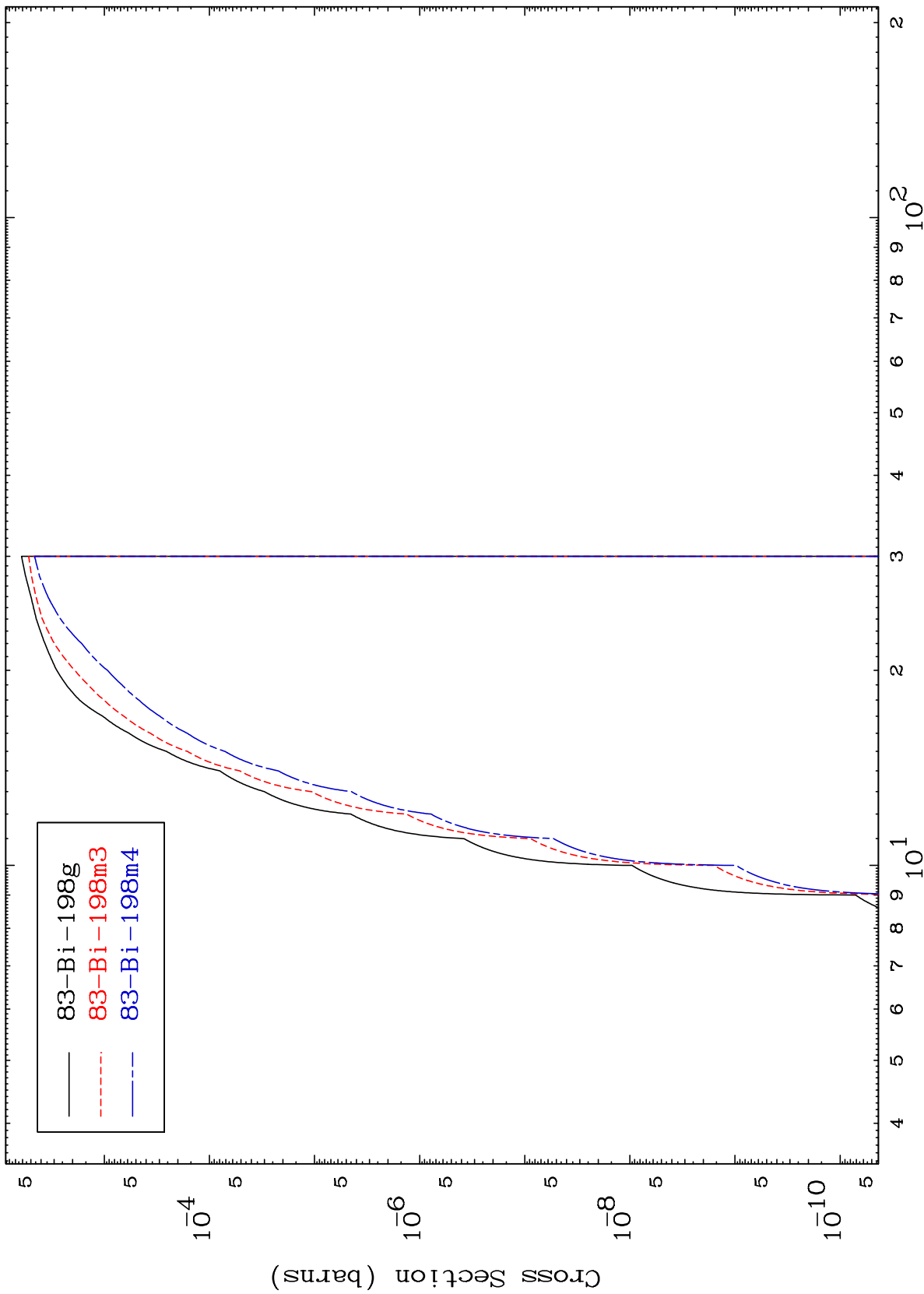
Radionuclide Production Cross Section



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83-Bi-199

Radionuclide Production Cross Section  
(n, t)



83-Bi-199

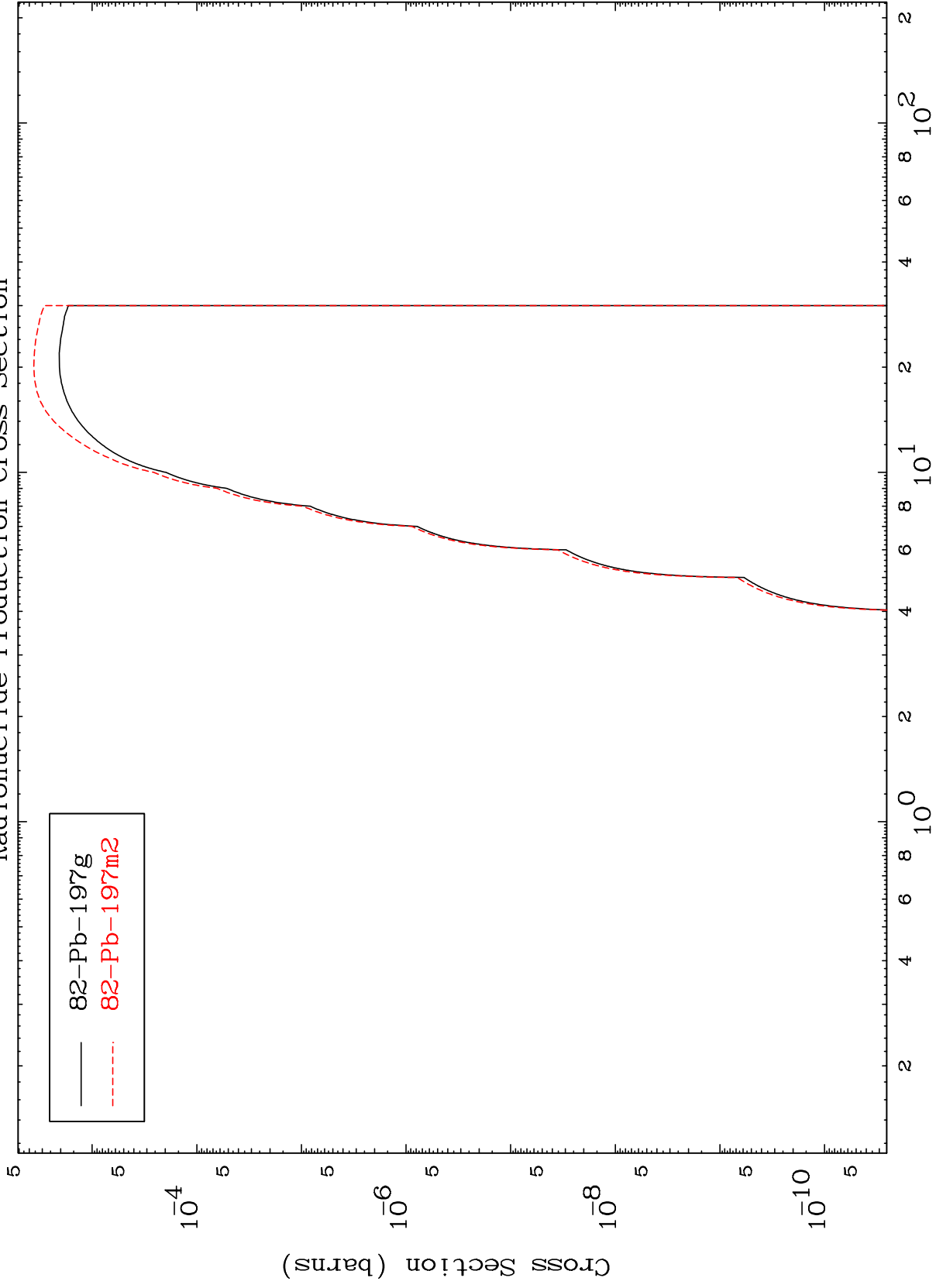
Incident Energy (MeV)

29

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83-Bi-199

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



83-Bi-199

Incident Energy (MeV)

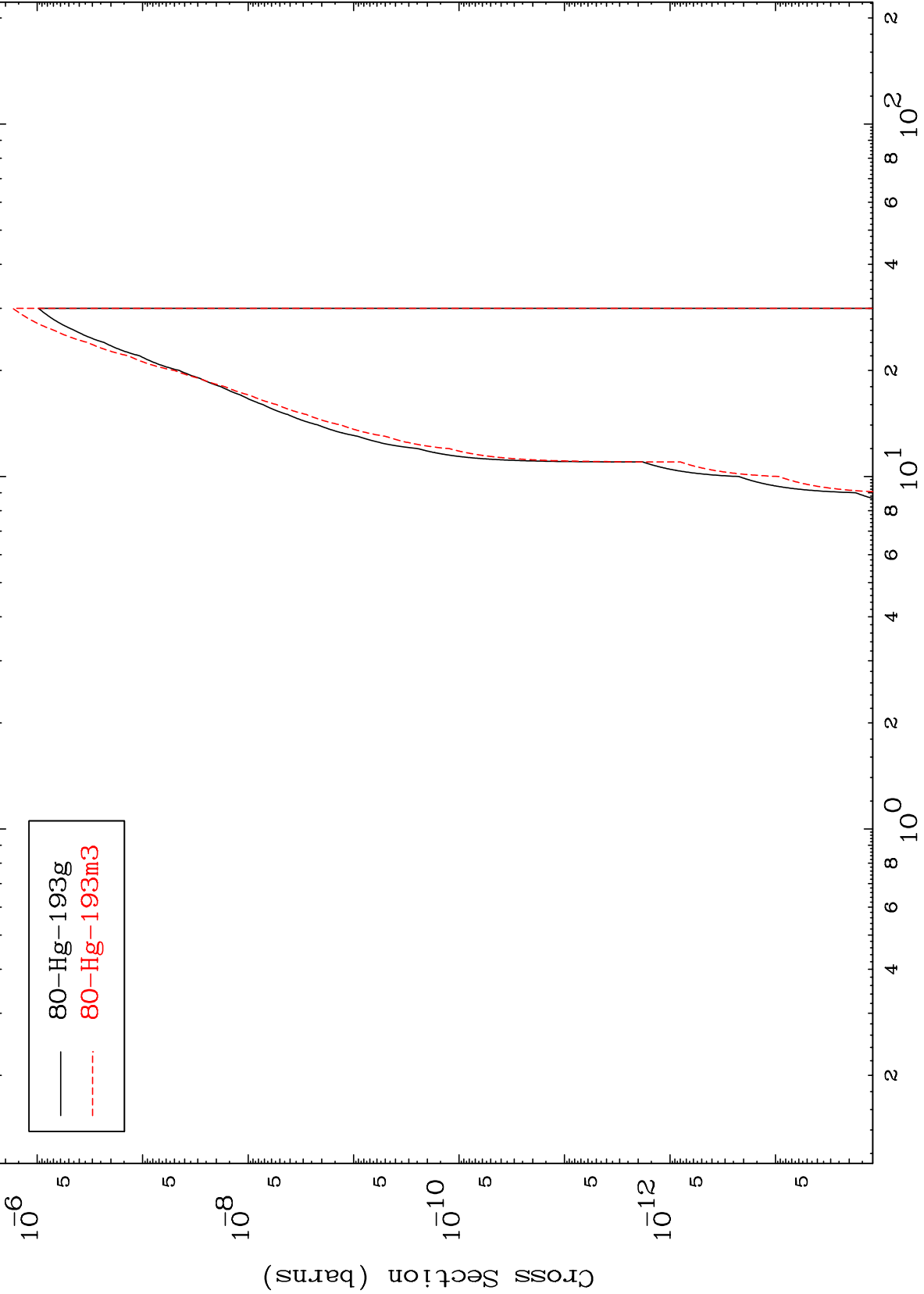
30

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(n,2α)

83-Bi-199

Radionuclide Production Cross Section



— 80-Hg-193g  
- - - 80-Hg-193m3

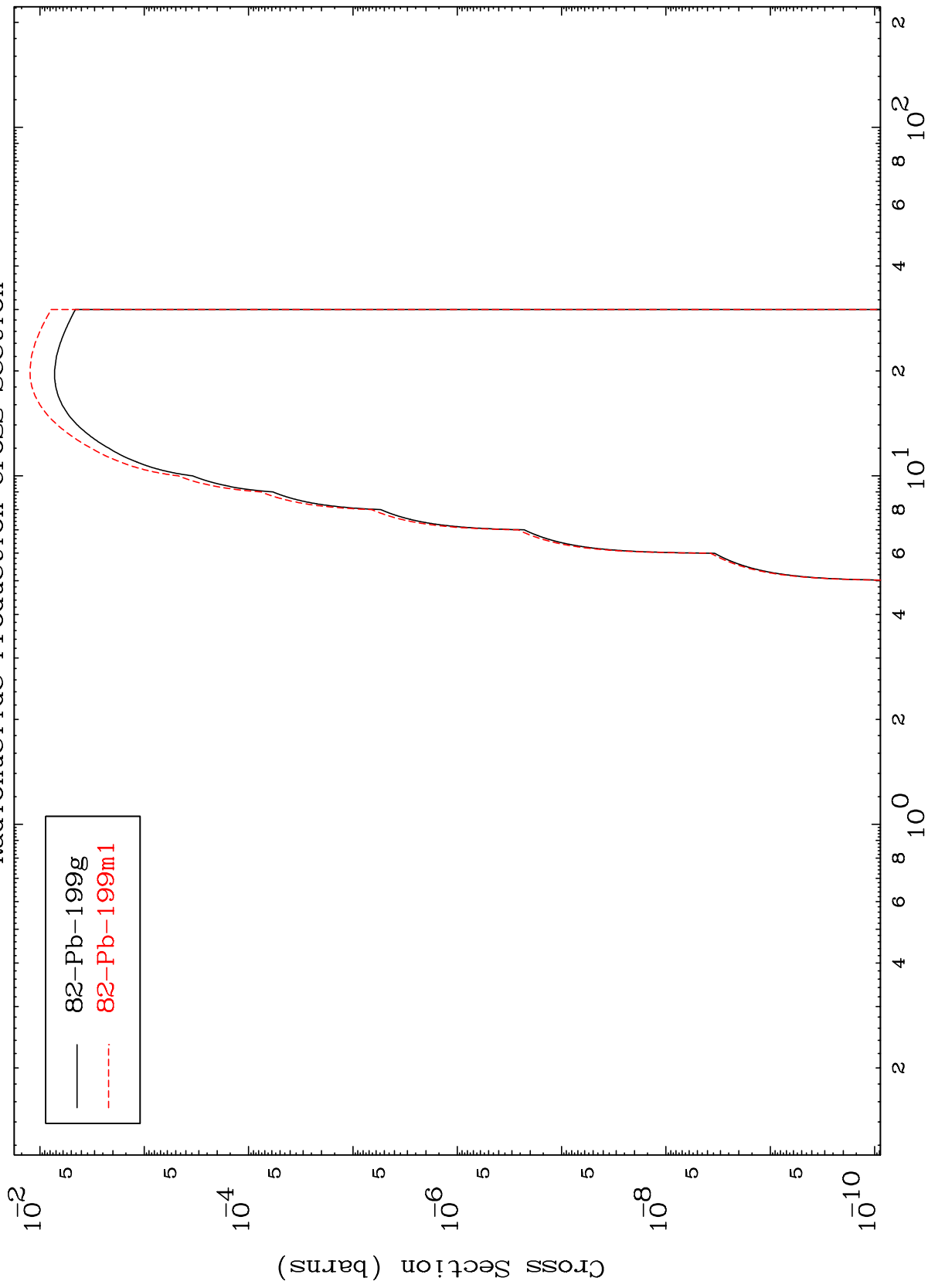


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83-Bi-199

(n,2p)

Radionuclide Production Cross Section



82-Pb-199g  
82-Pb-199m1

83-Bi-199

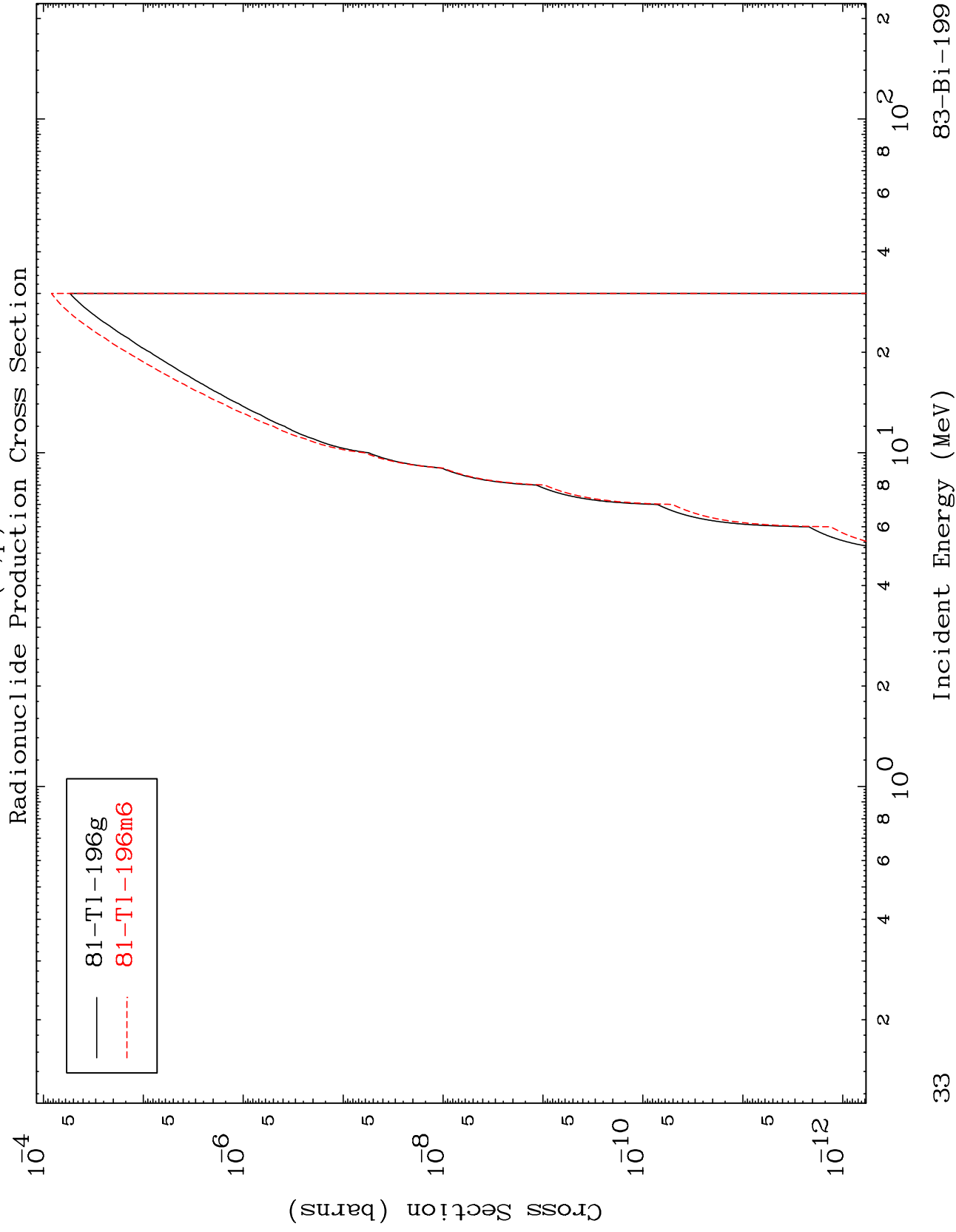
Incident Energy (MeV)

32

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(n,p)  $\alpha$

83-Bi-199

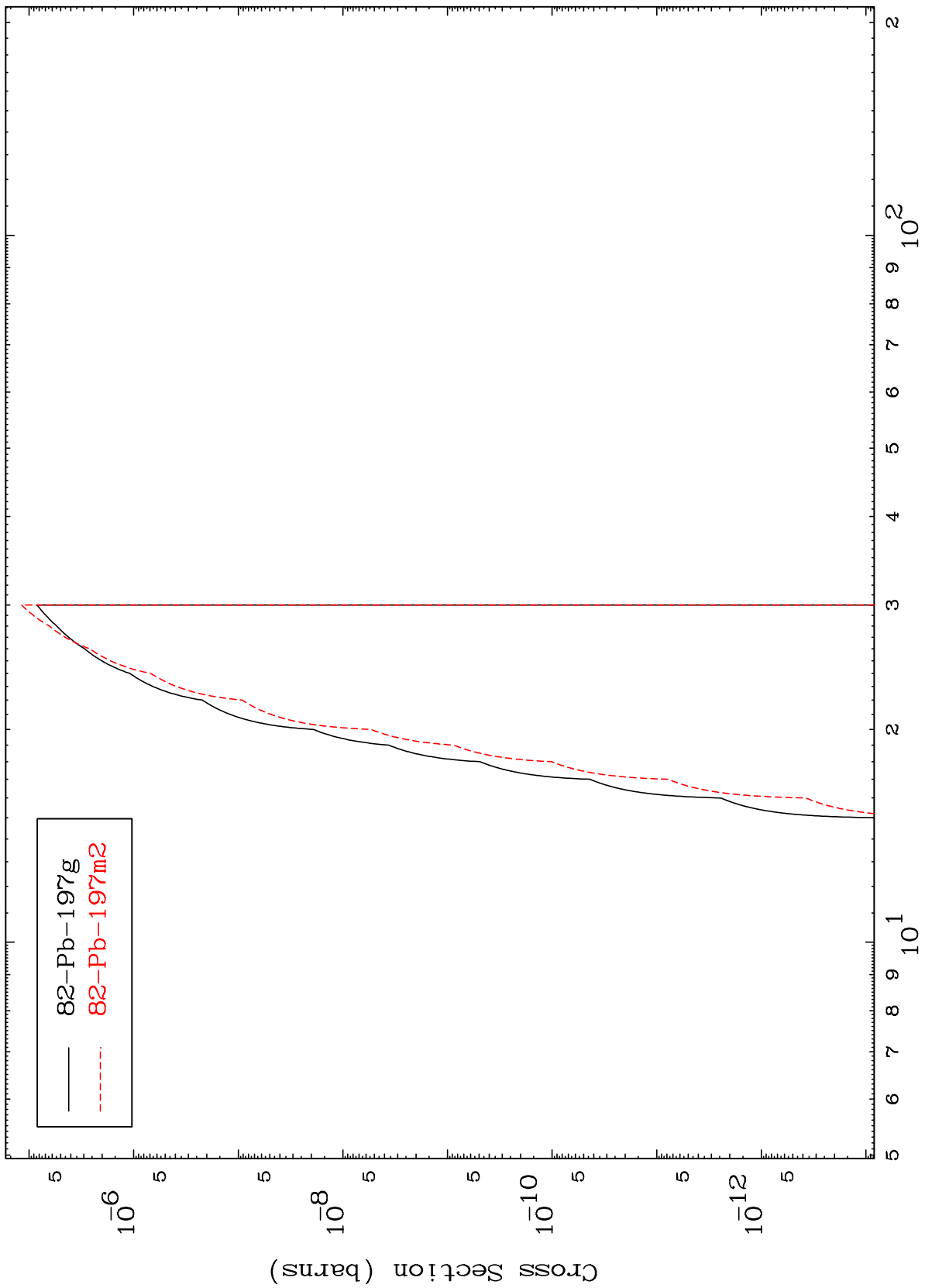


MAT 8295

(n,p) t

83-Bi-199

Radionuclide Production Cross Section



34

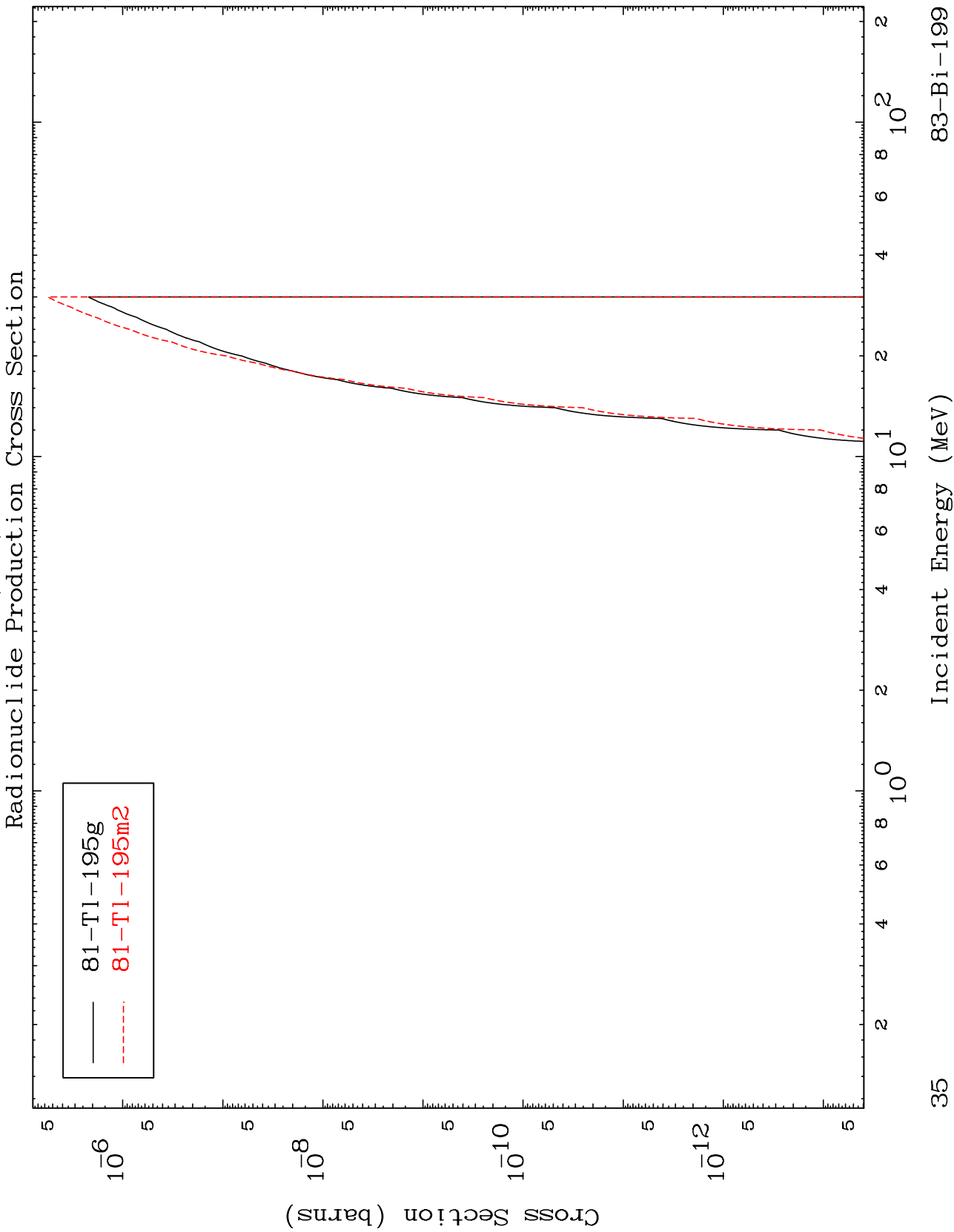
Incident Energy (MeV)

83-Bi-199

MAT 8295

(n,d)  $\alpha$

83-Bi-199



81-Tl-195g  
81-Tl-195m2