

Program EVALPLOT  
(Version 2021-1)

by

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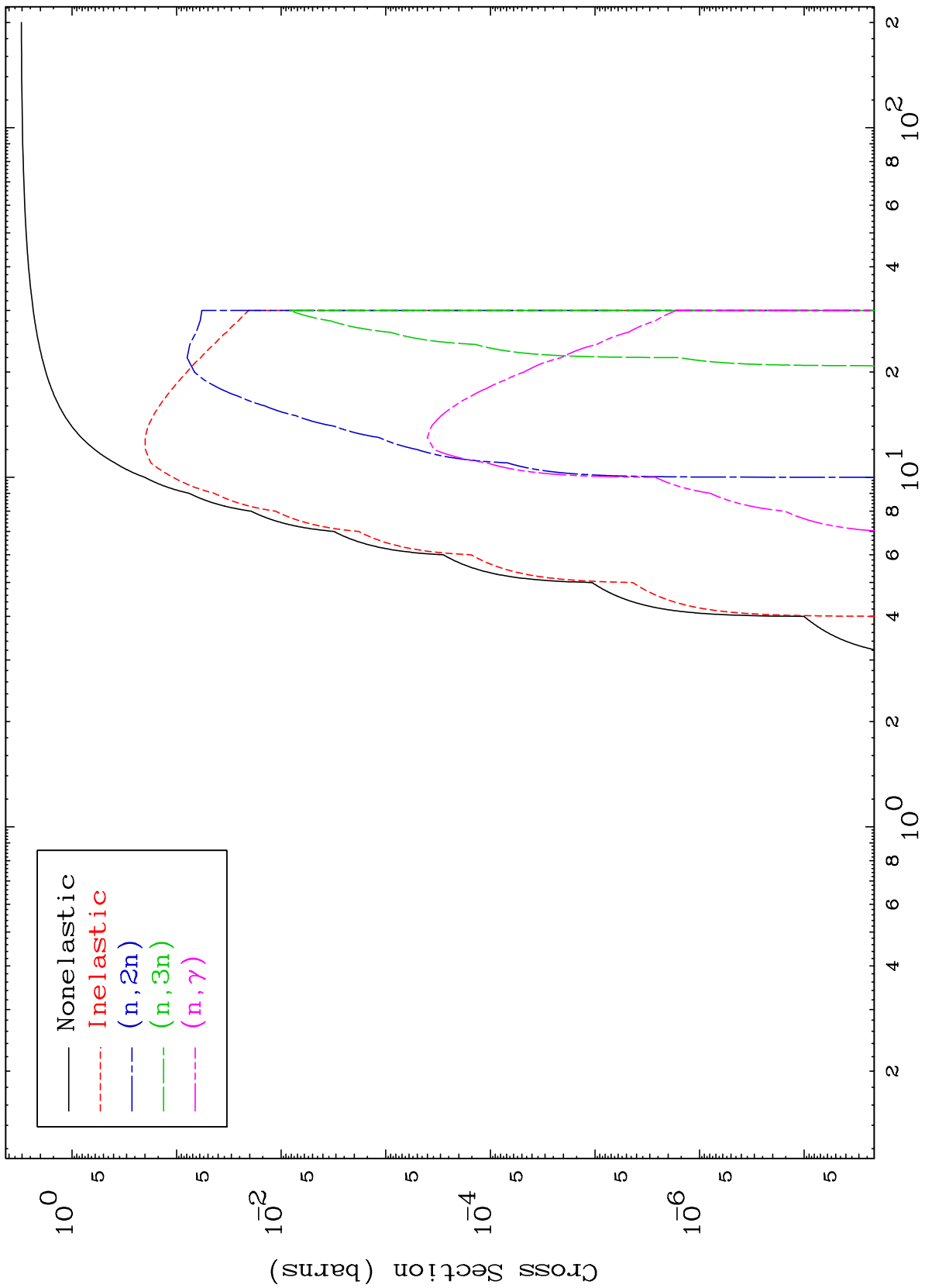
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8187

Deuteron Major  
0 Kelvin Cross Sections

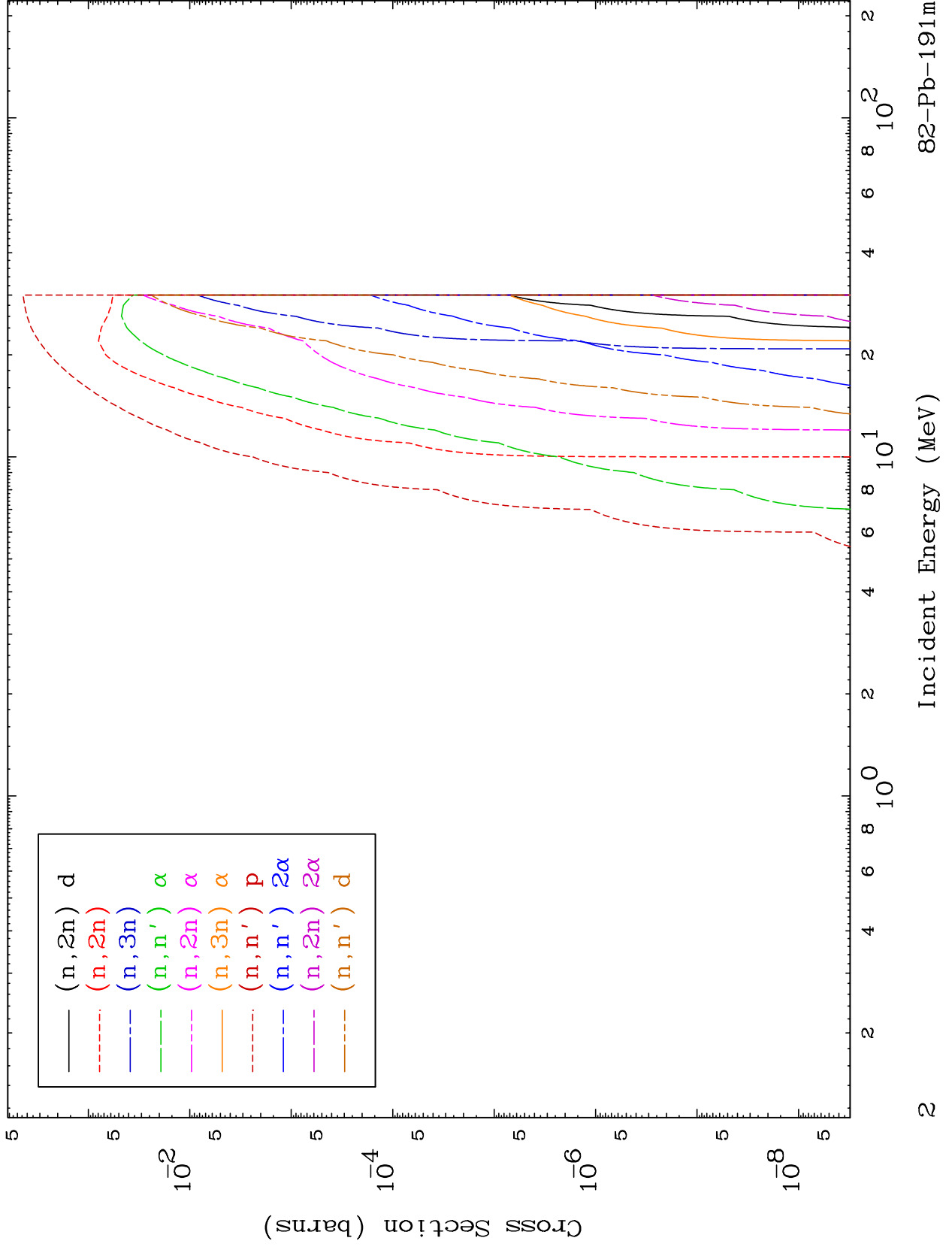
82-Pb-191m

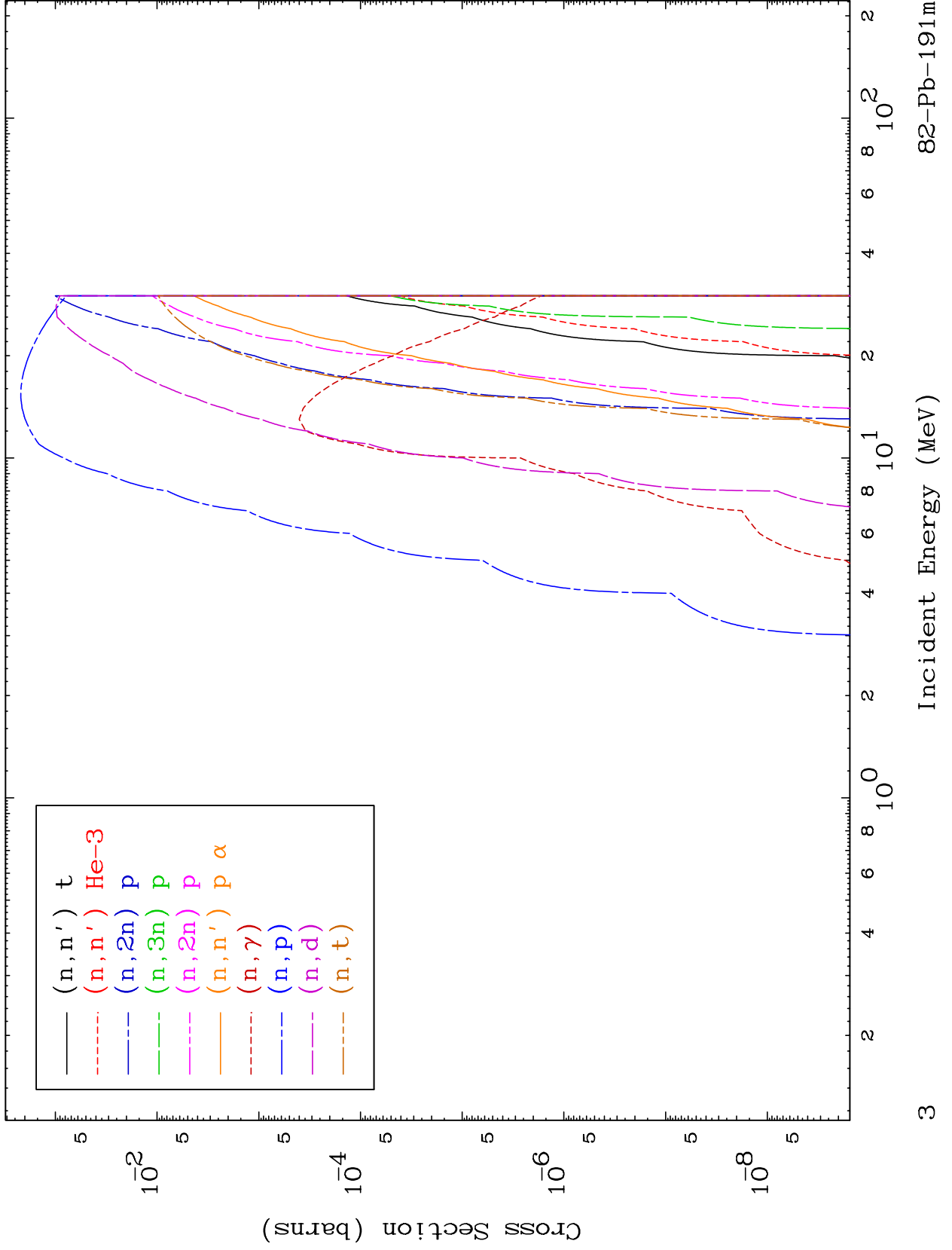


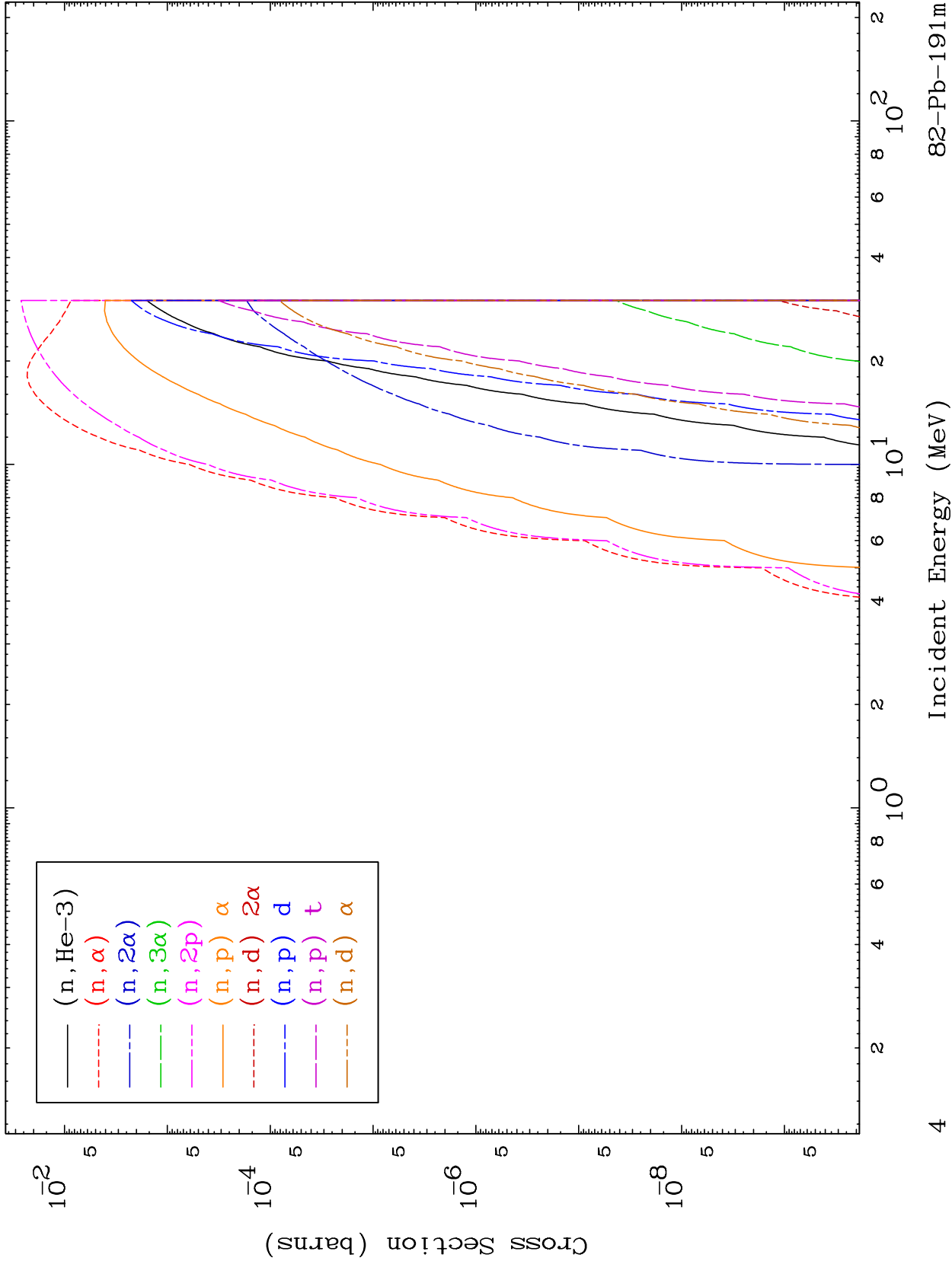
MAT 8187

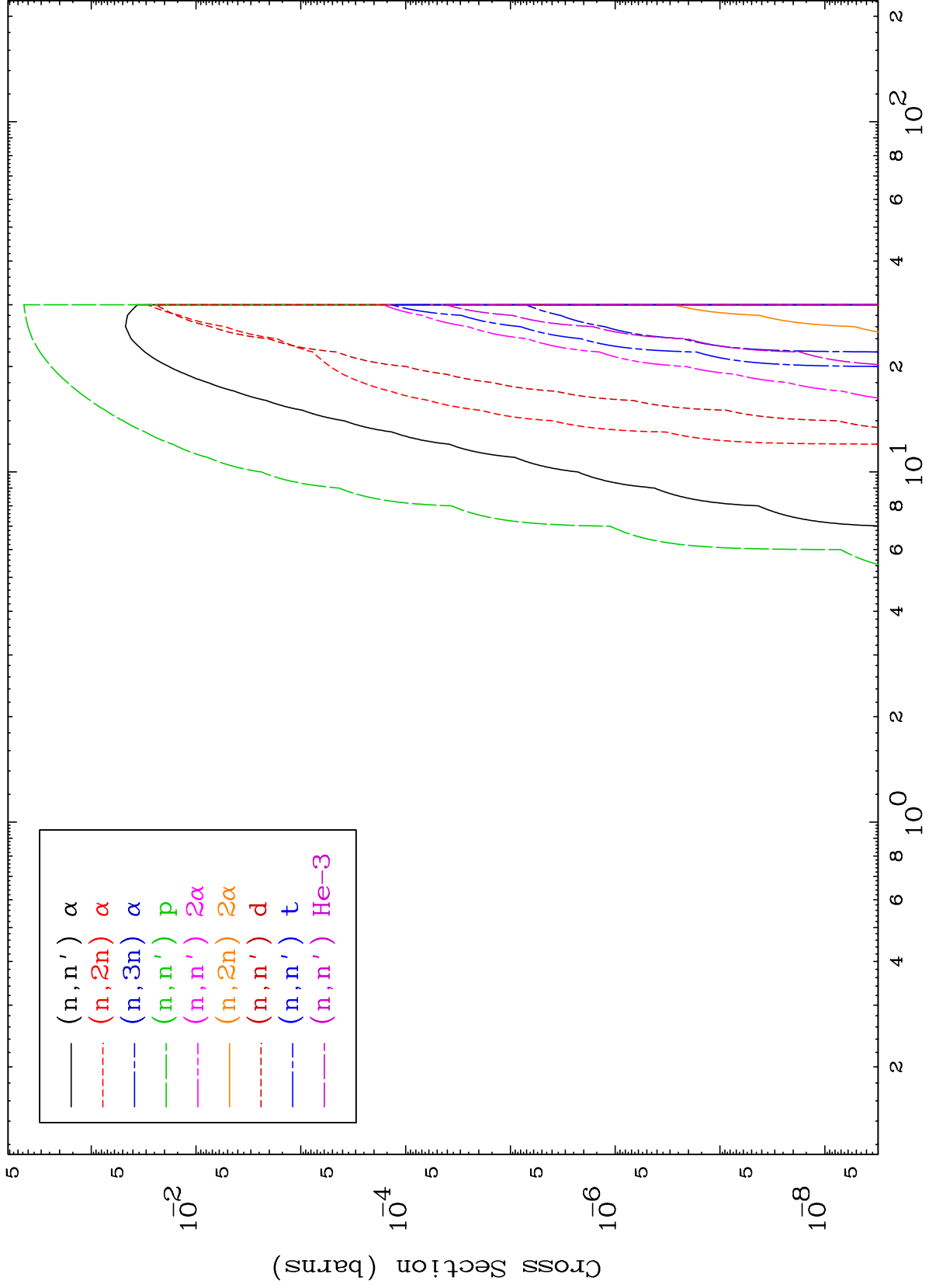
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-191m





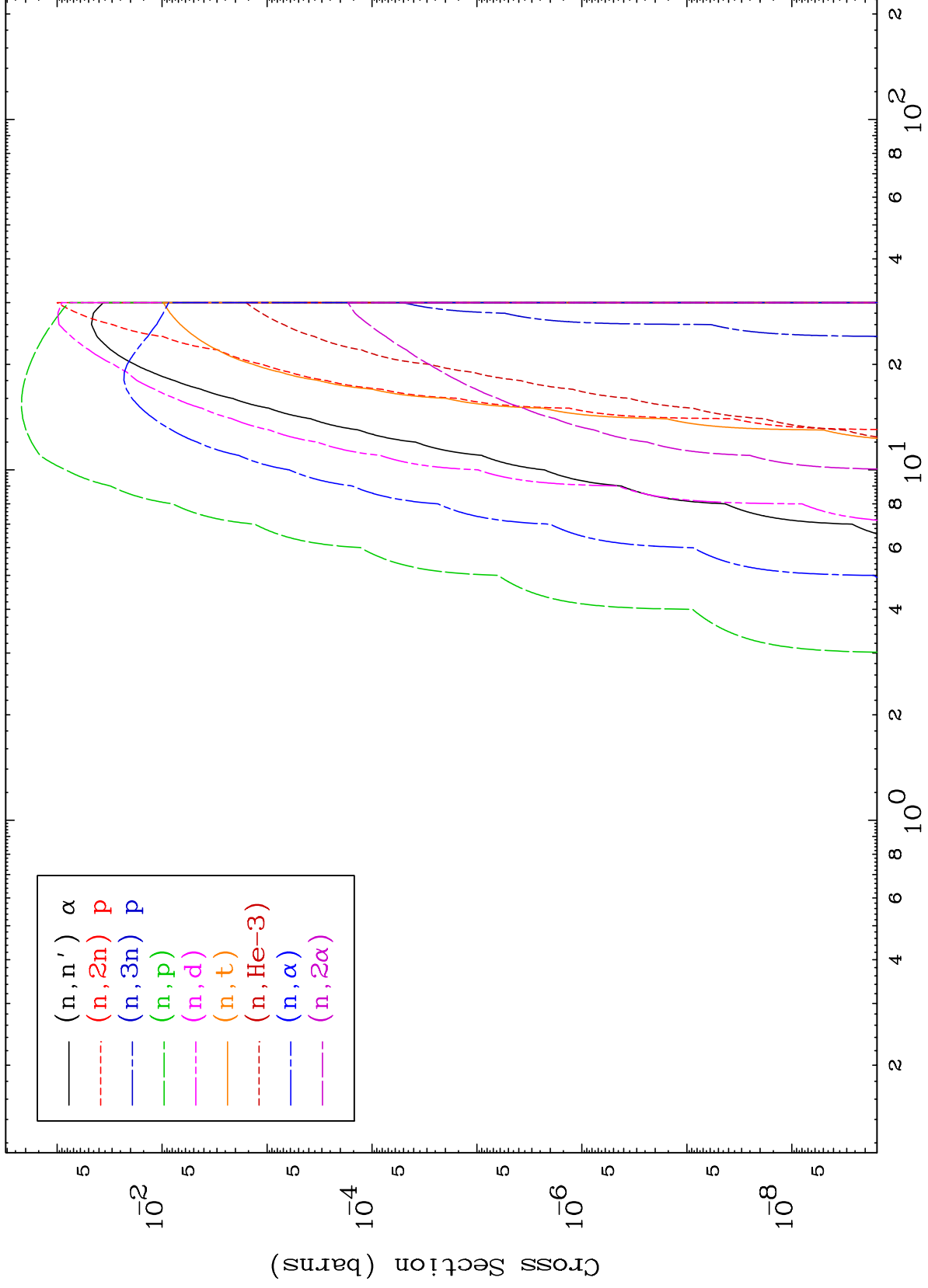




MAT 8187

Deuteron Charged Particle  
0 Kelvin Cross Sections

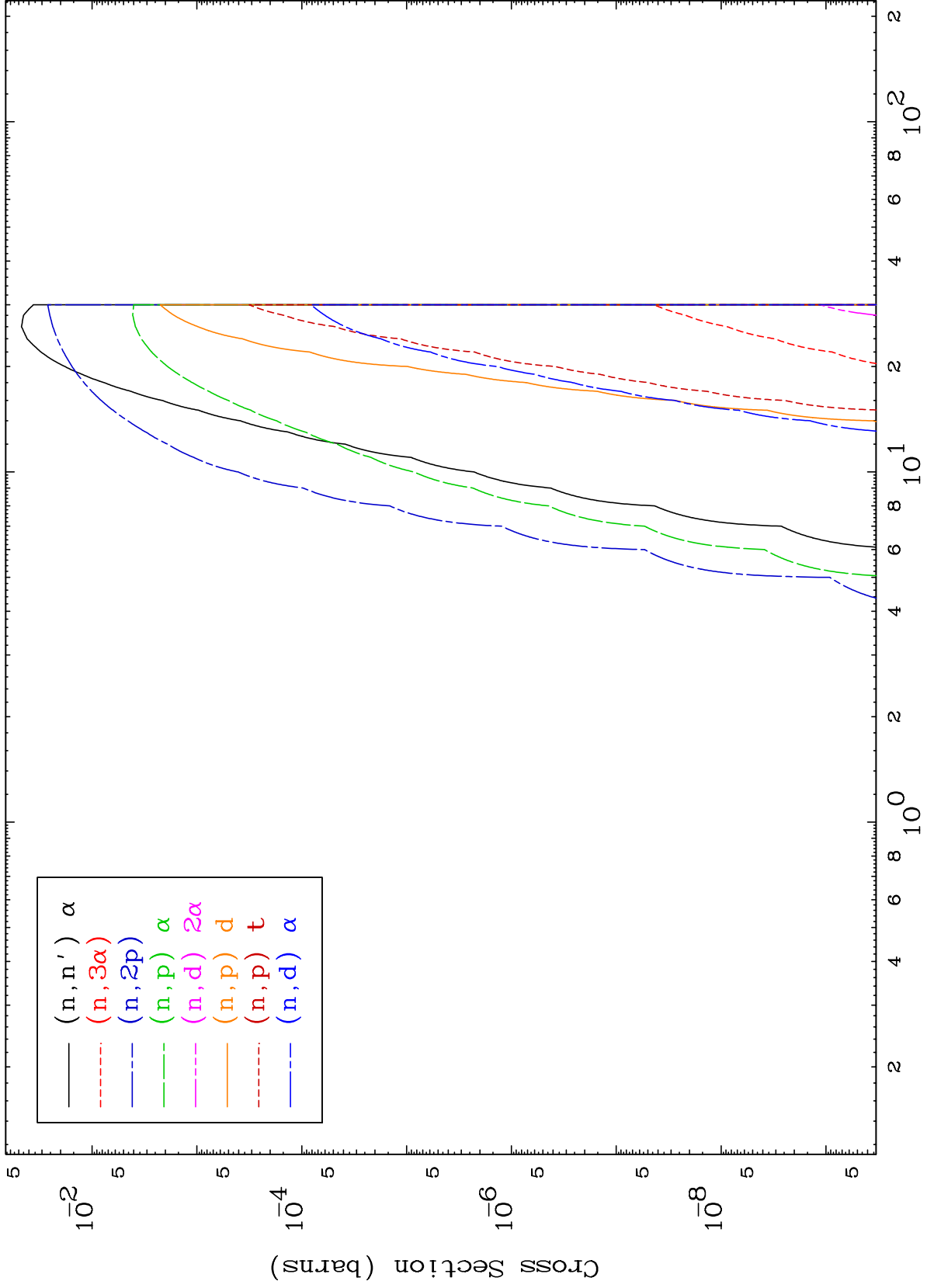
82-Pb-191m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

82-Pb-191m

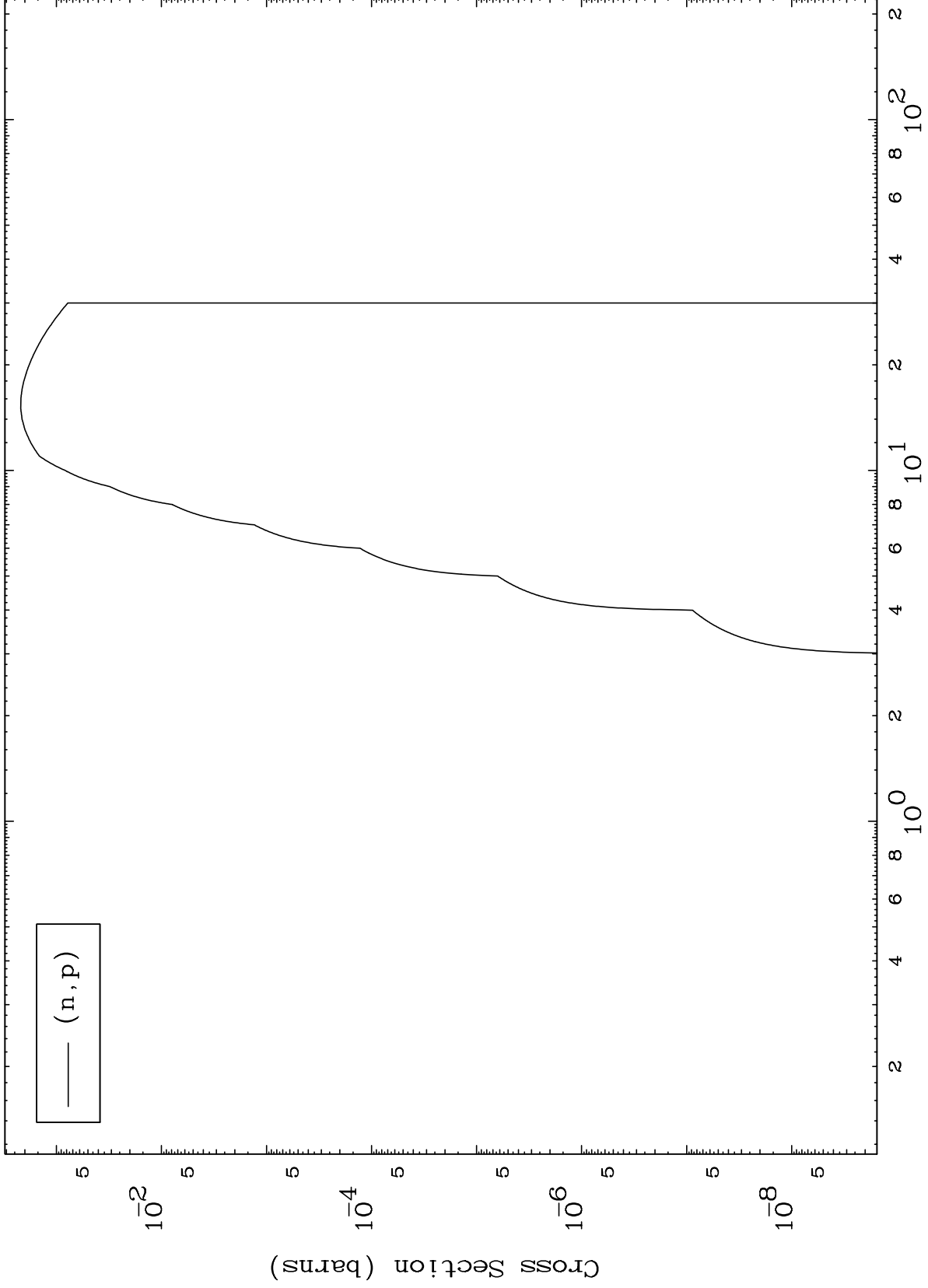


MAT 8187

(d,p) Levels

82-Pb-191m

0 Kelvin Cross Sections

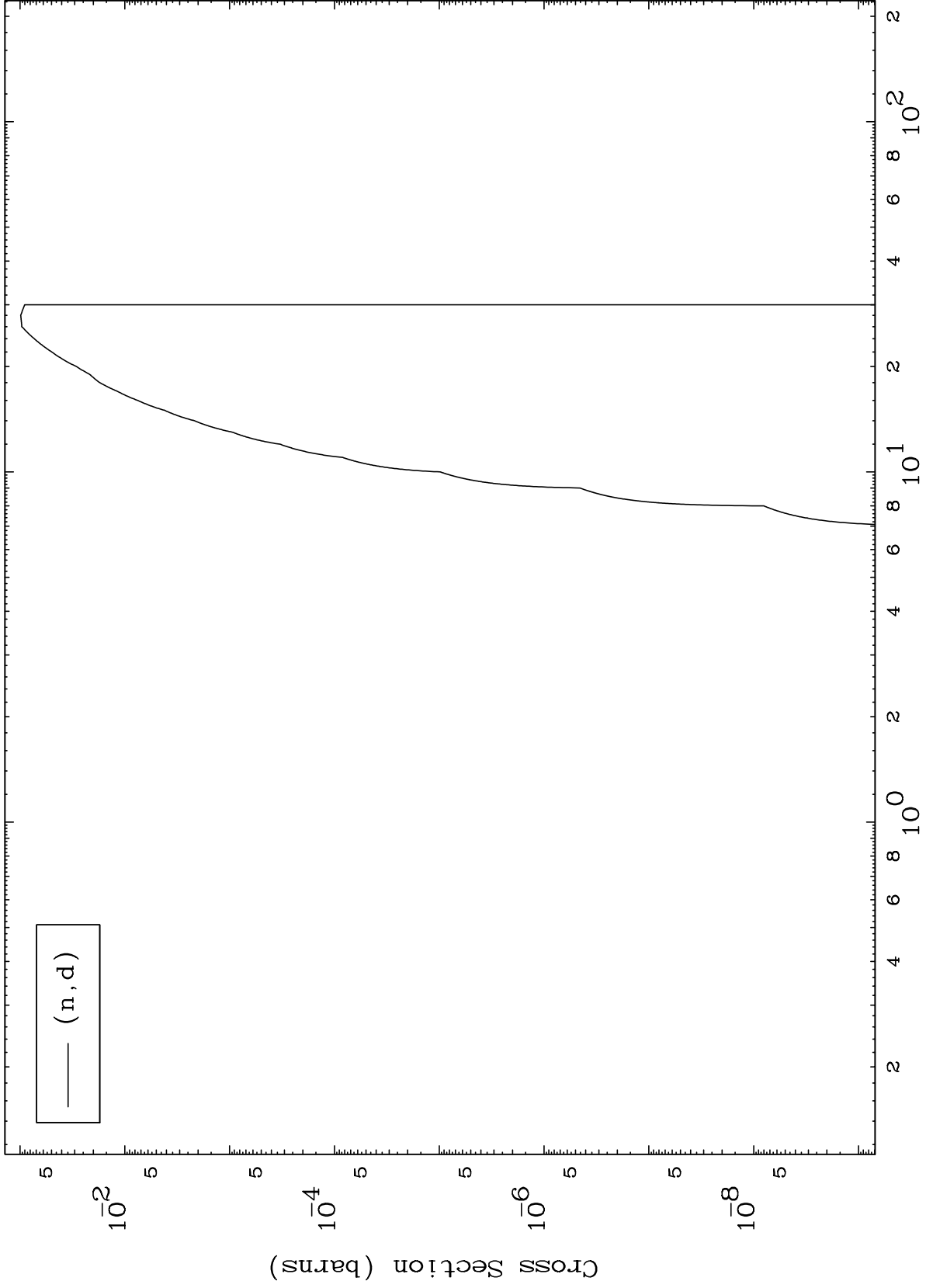


MAT 8187

(d,d) Levels

82-Pb-191m

0 Kelvin Cross Sections

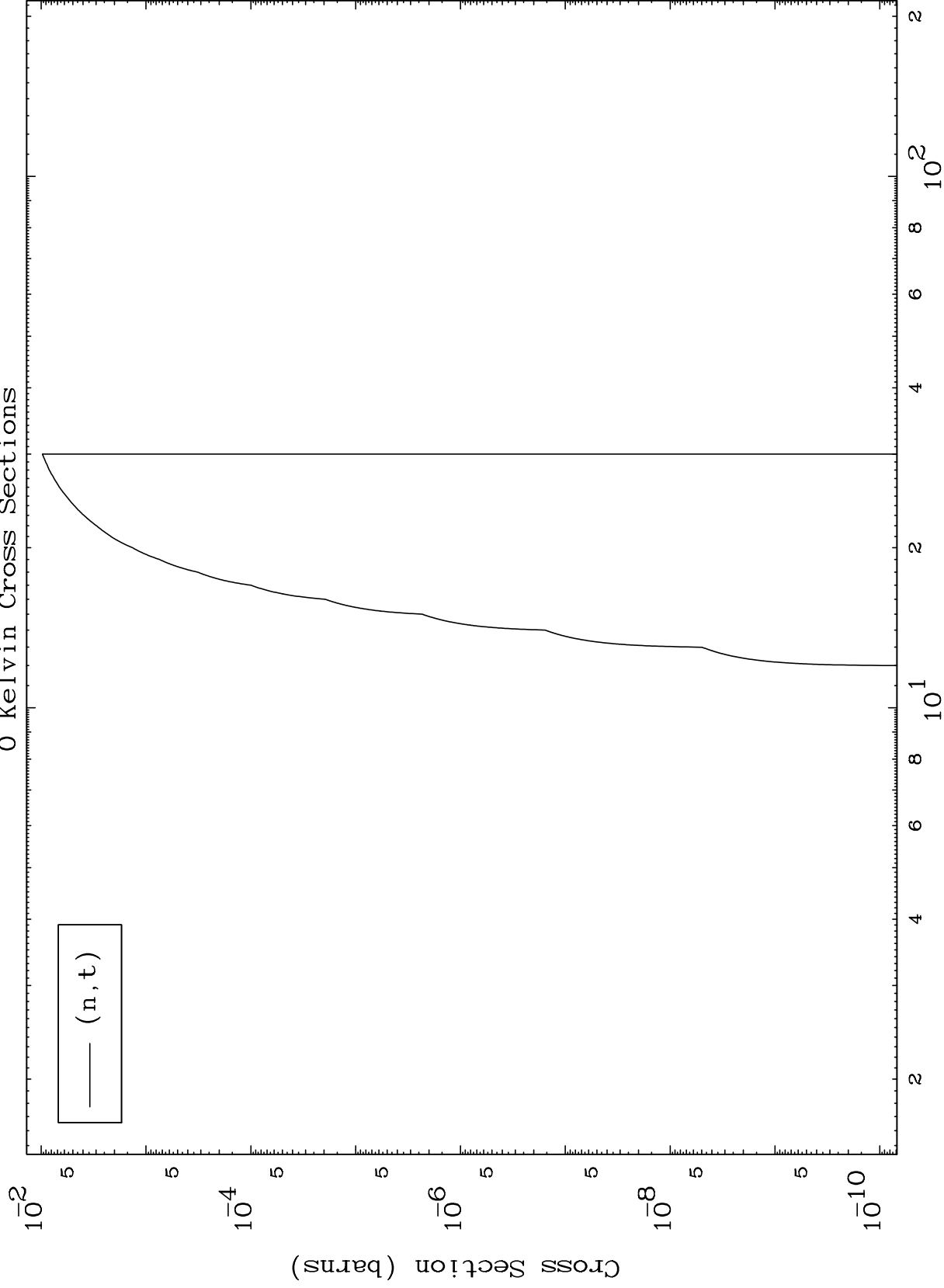


MAT 8187

(d, t) Levels

82-Pb-191m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

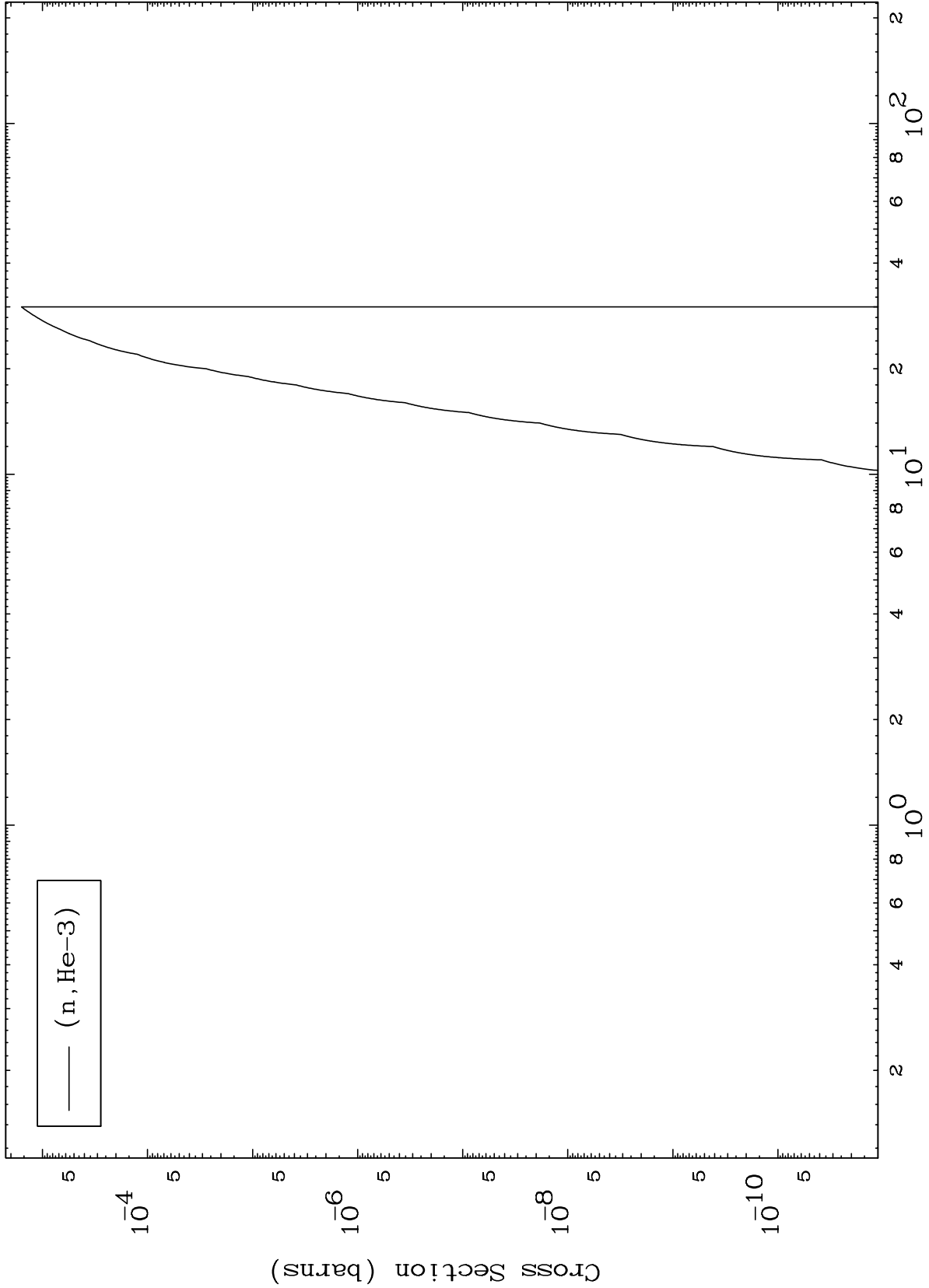
82-Pb-191m

MAT 8187

(d,He3) Levels

82-Pb-191m

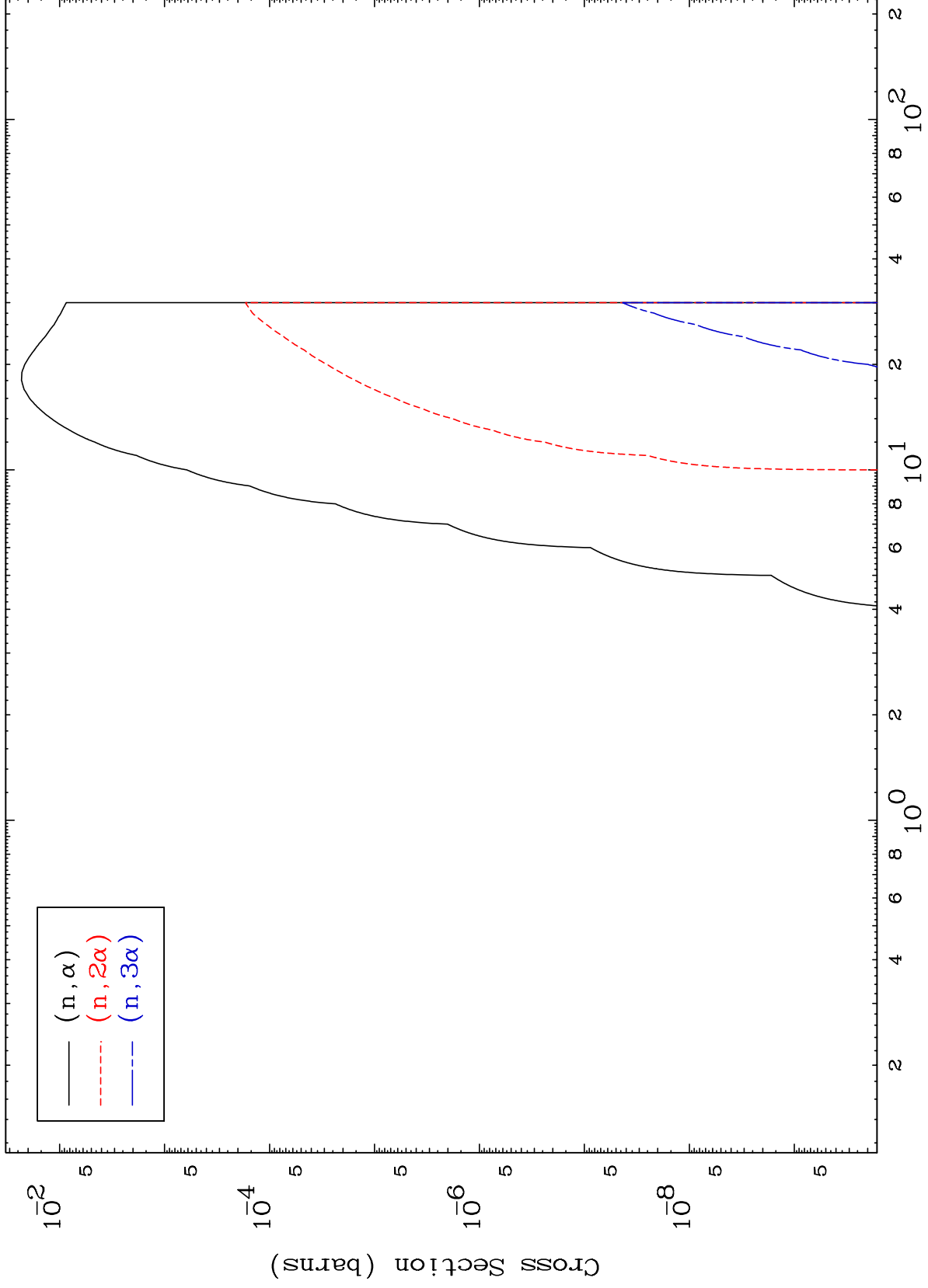
0 Kelvin Cross Sections



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

82-Pb-191m



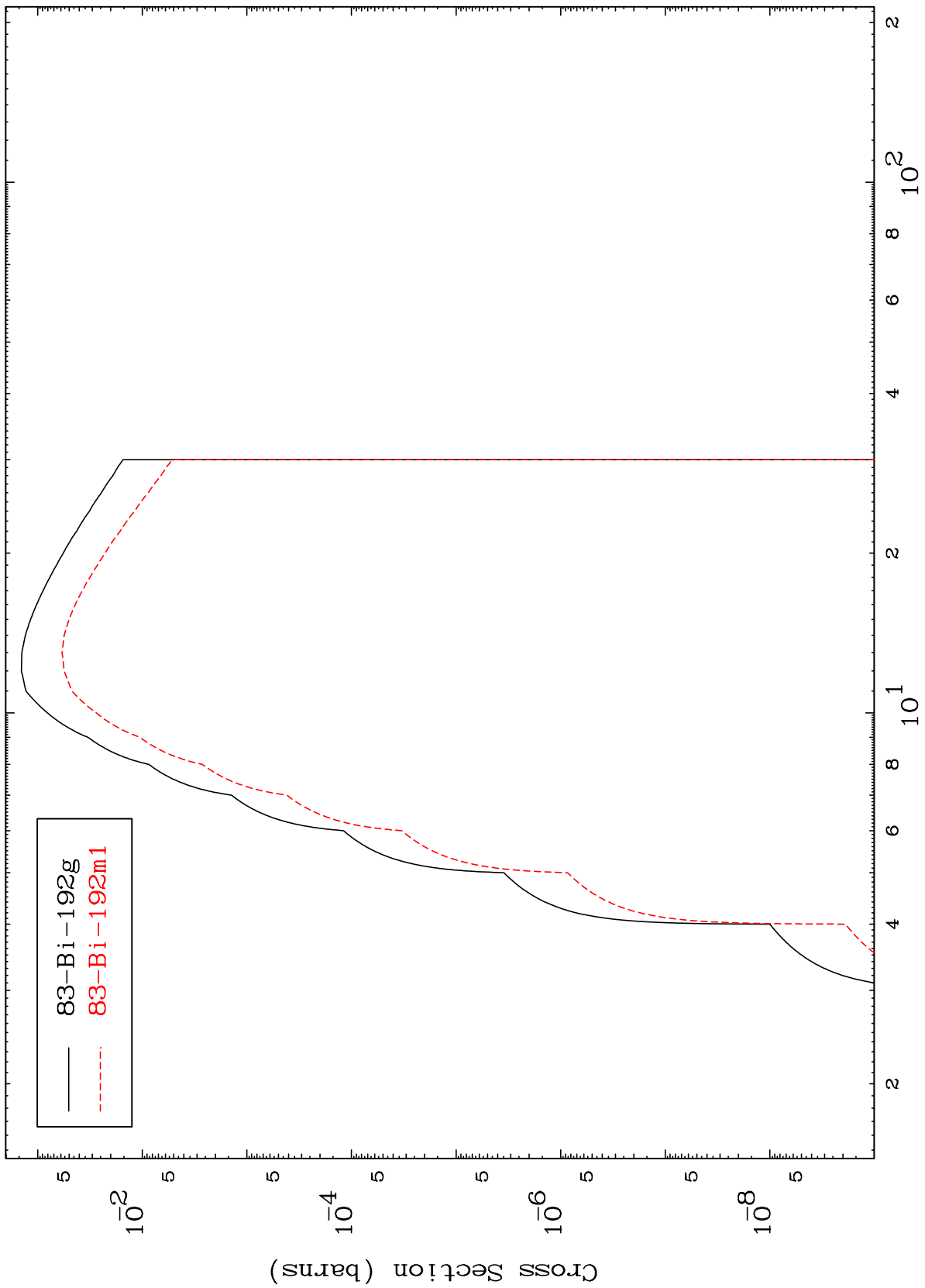
12

82-Pb-191m

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82-Pb-191m

Inelastic  
Radionuclide Production Cross Section



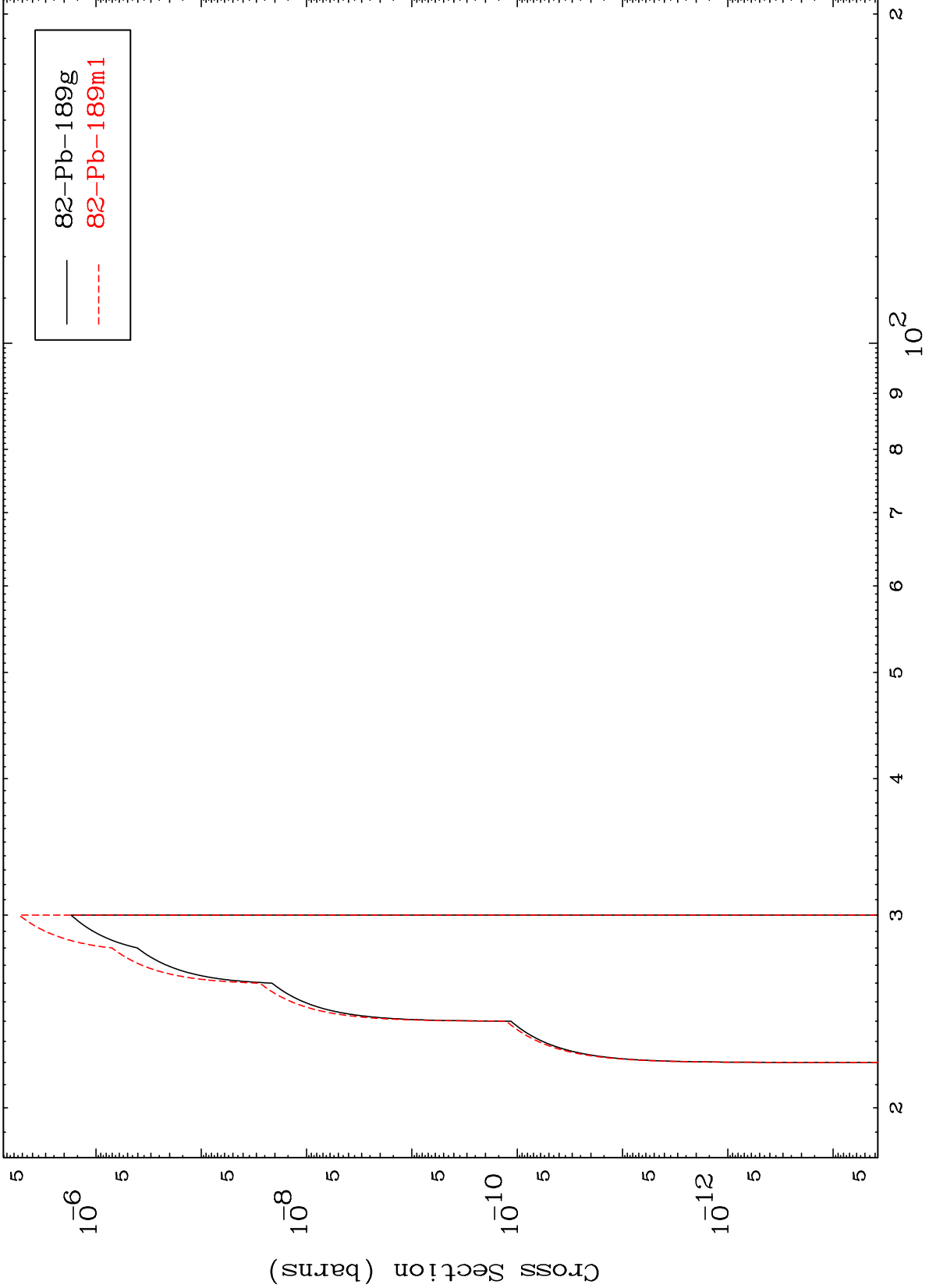
— 83-Bi-192g  
- - - 83-Bi-192m1

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(n,2n) d

82-Pb-191m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

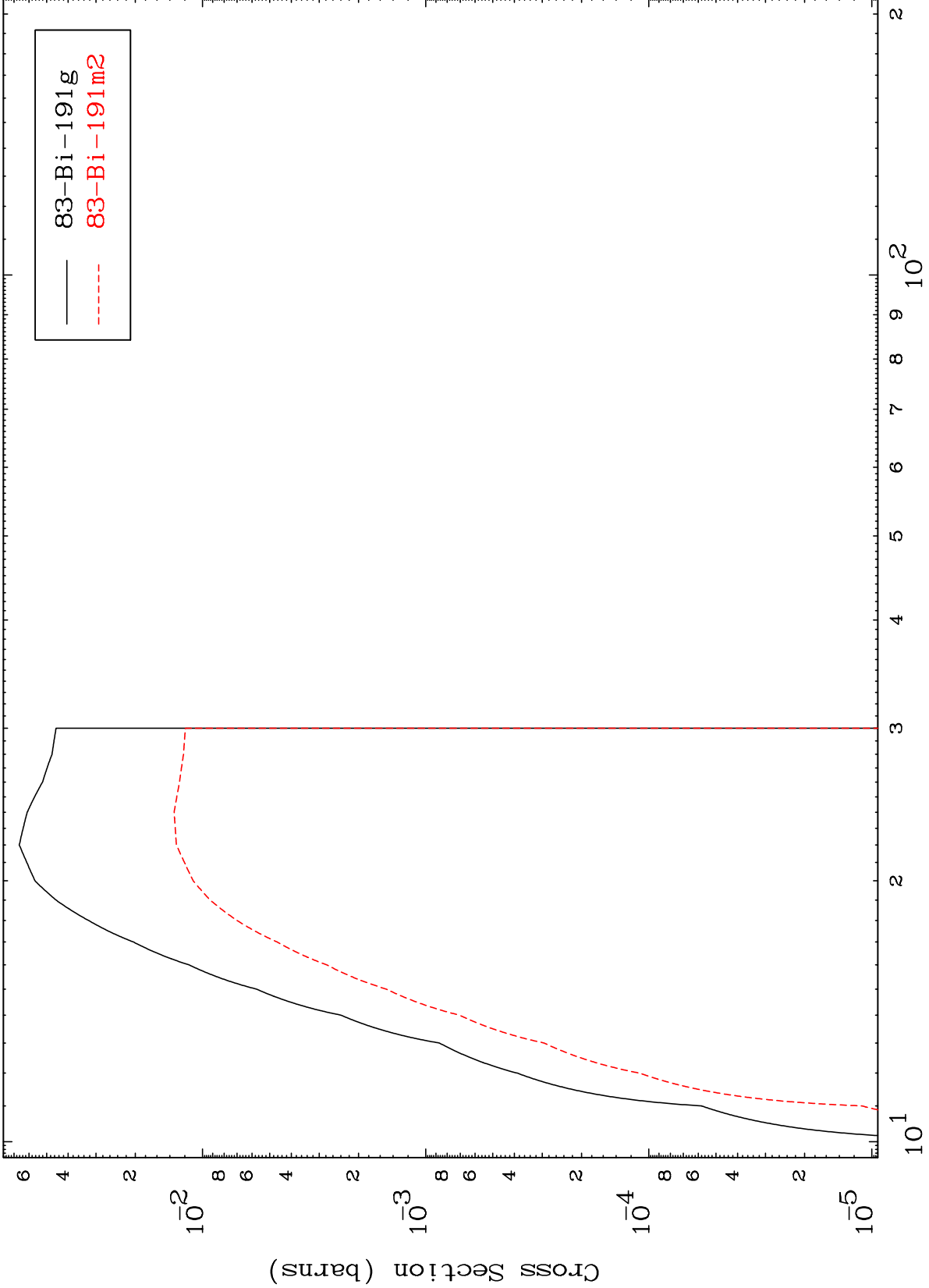
82-Pb-191m

MAT 8187

(n,2n)

82-Pb-191m

Radionuclide Production Cross Section



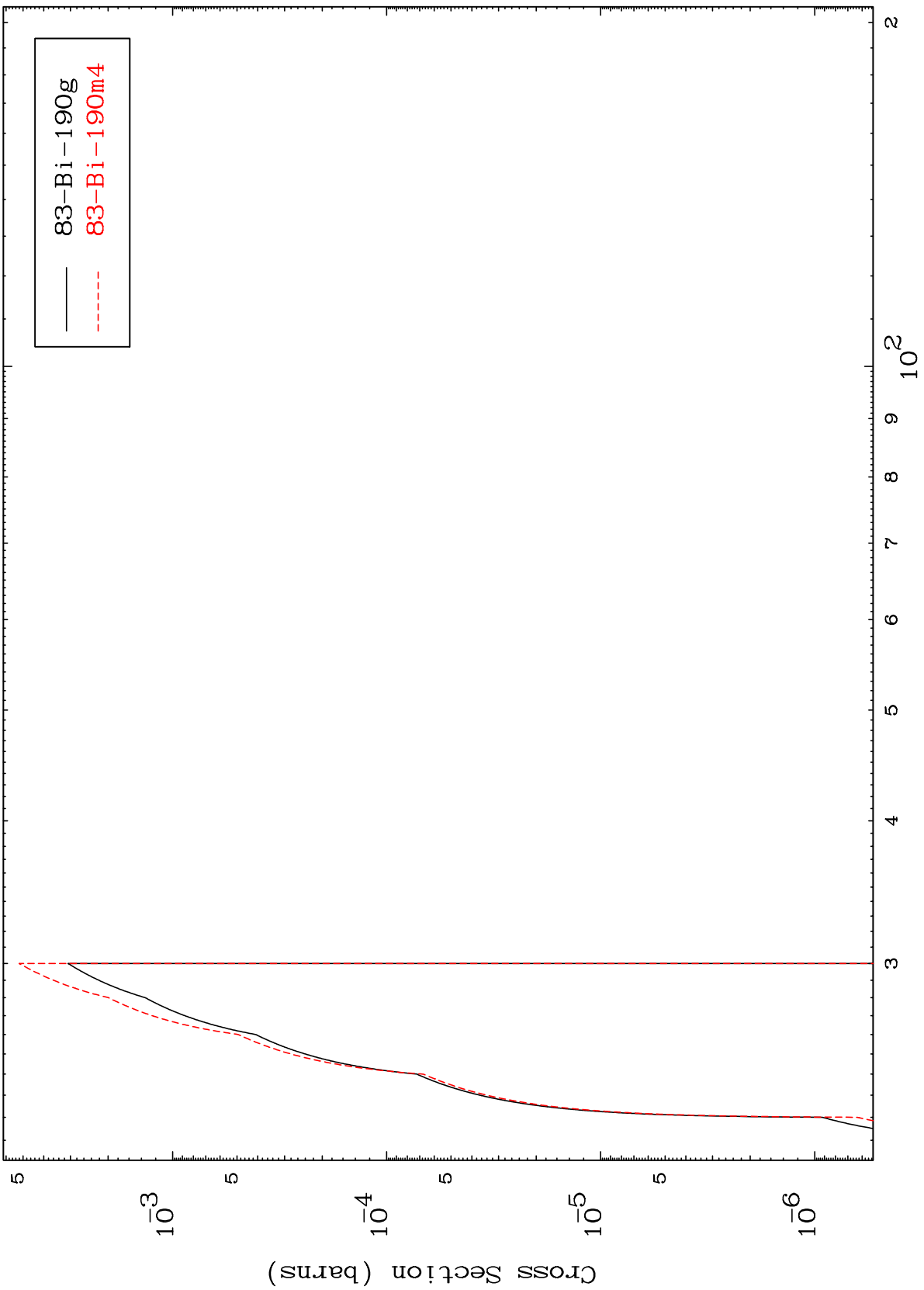
Incident Energy (MeV)

82-Pb-191m

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82-Pb-191m

(n,3n)  
Radionuclide Production Cross Section



16

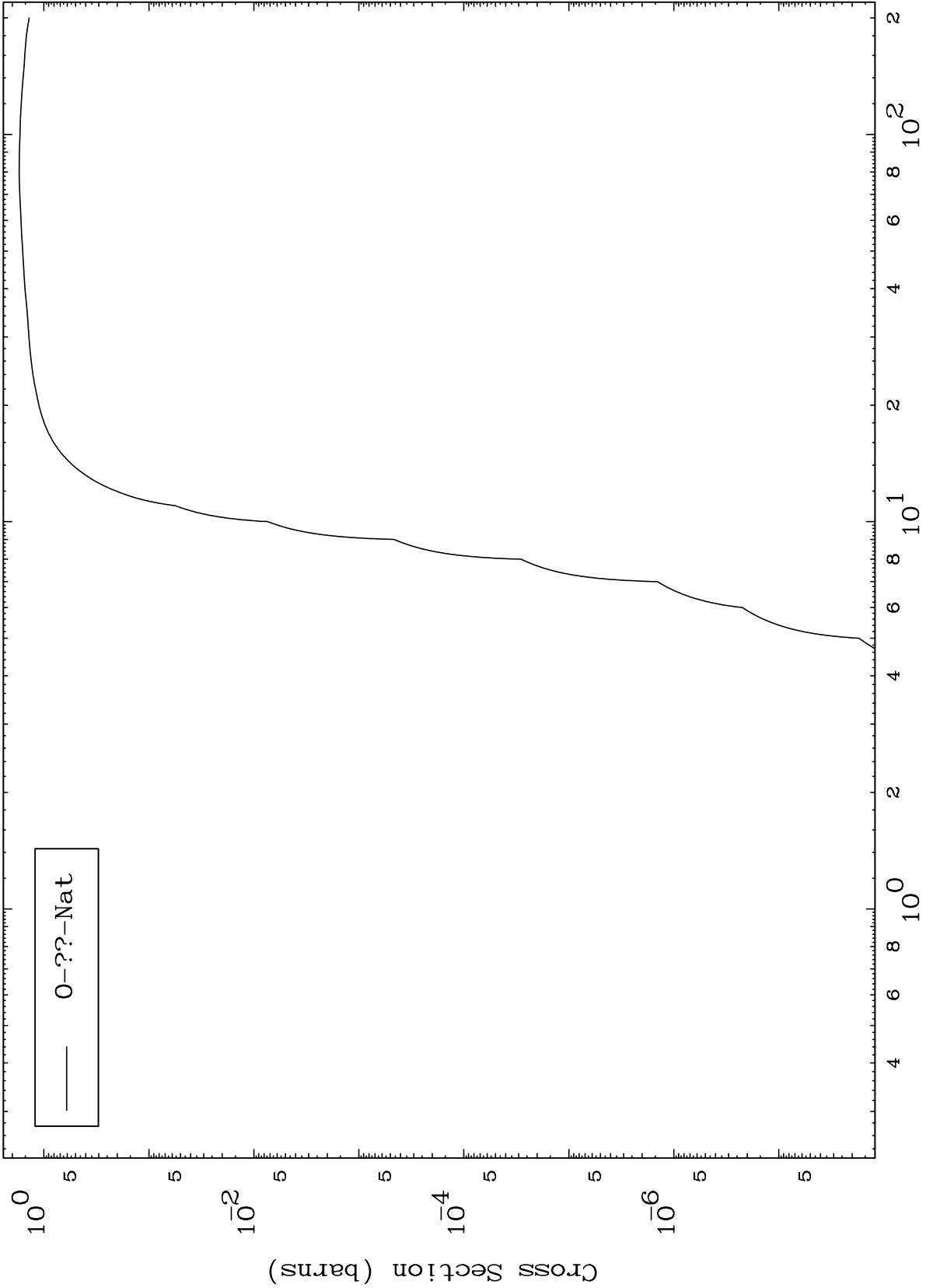
Incident Energy (MeV)

82-Pb-191m

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82-Pb-191m

Fission  
Radionuclide Production Cross Section



82-Pb-191m

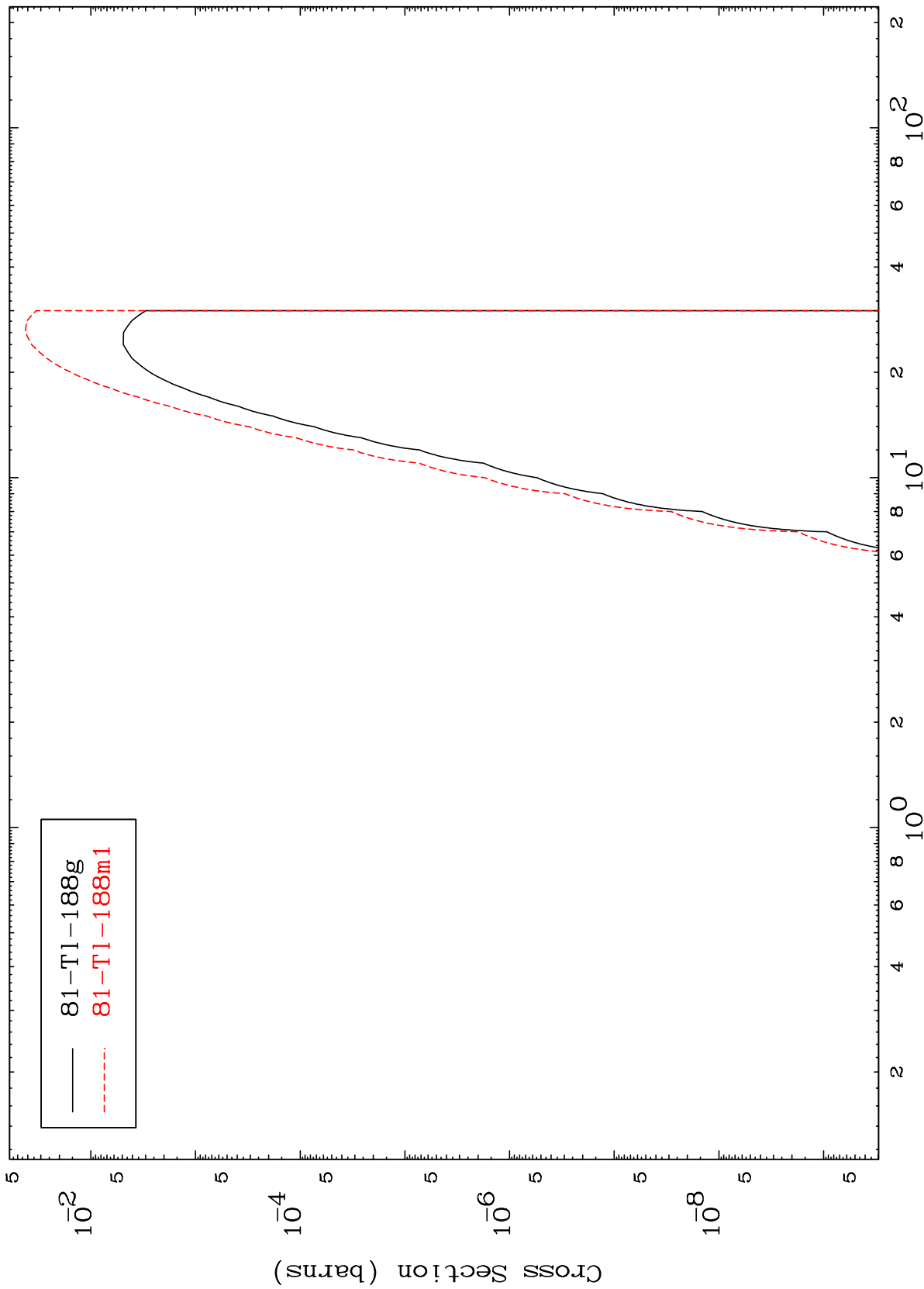
Incident Energy (MeV)

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$(n, n') \alpha$

82-Pb-191m

Radionuclide Production Cross Section



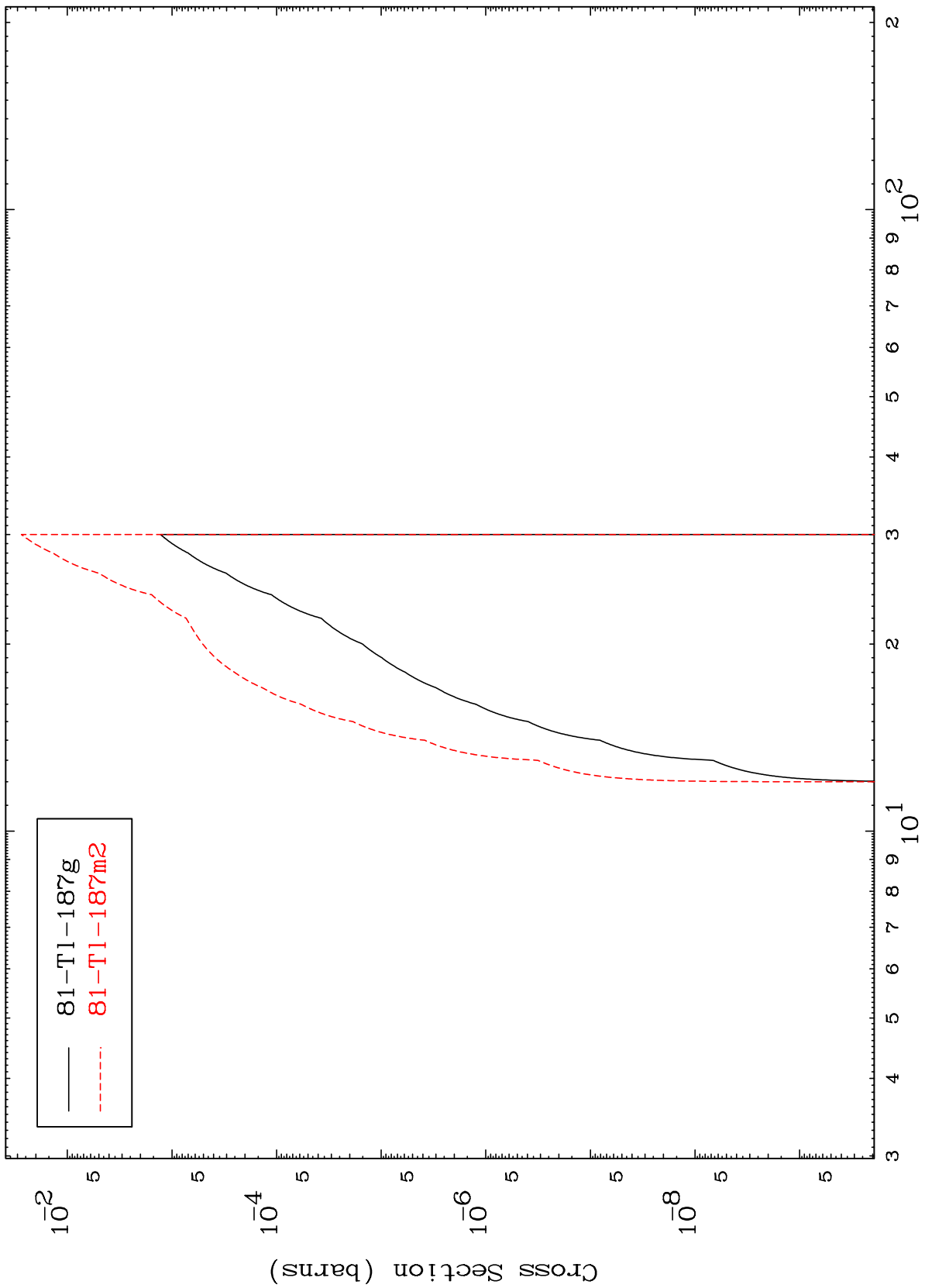
81-Tl-188g  
81-Tl-188m1

MAT 8187

(n,2n)  $\alpha$

82-Pb-191m

Radionuclide Production Cross Section



— 81-Tl-187g  
- - - 81-Tl-187m2

19

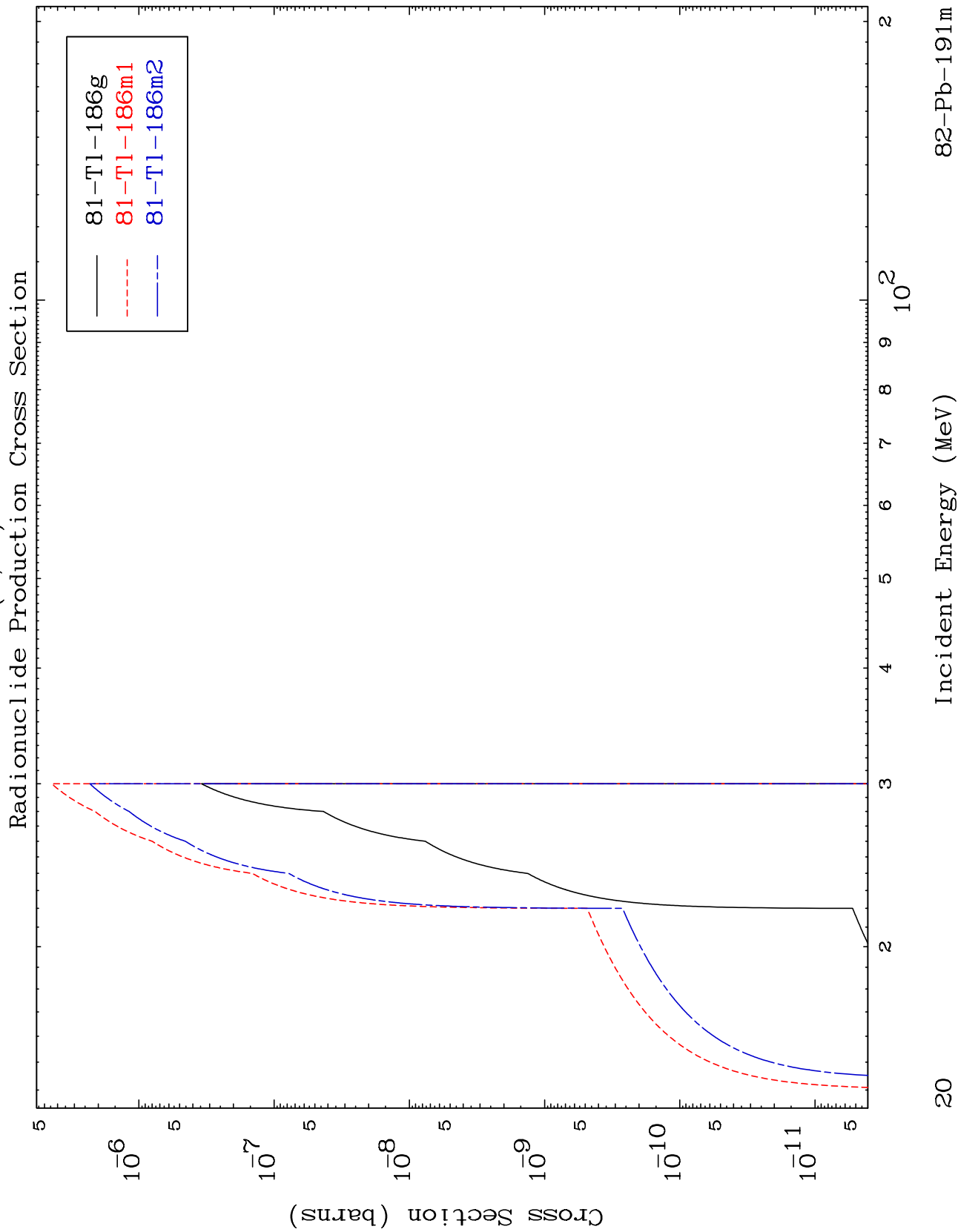
Incident Energy (MeV)

82-Pb-191m

MAT 8187

(n,3n)  $\alpha$

82-Pb-191m



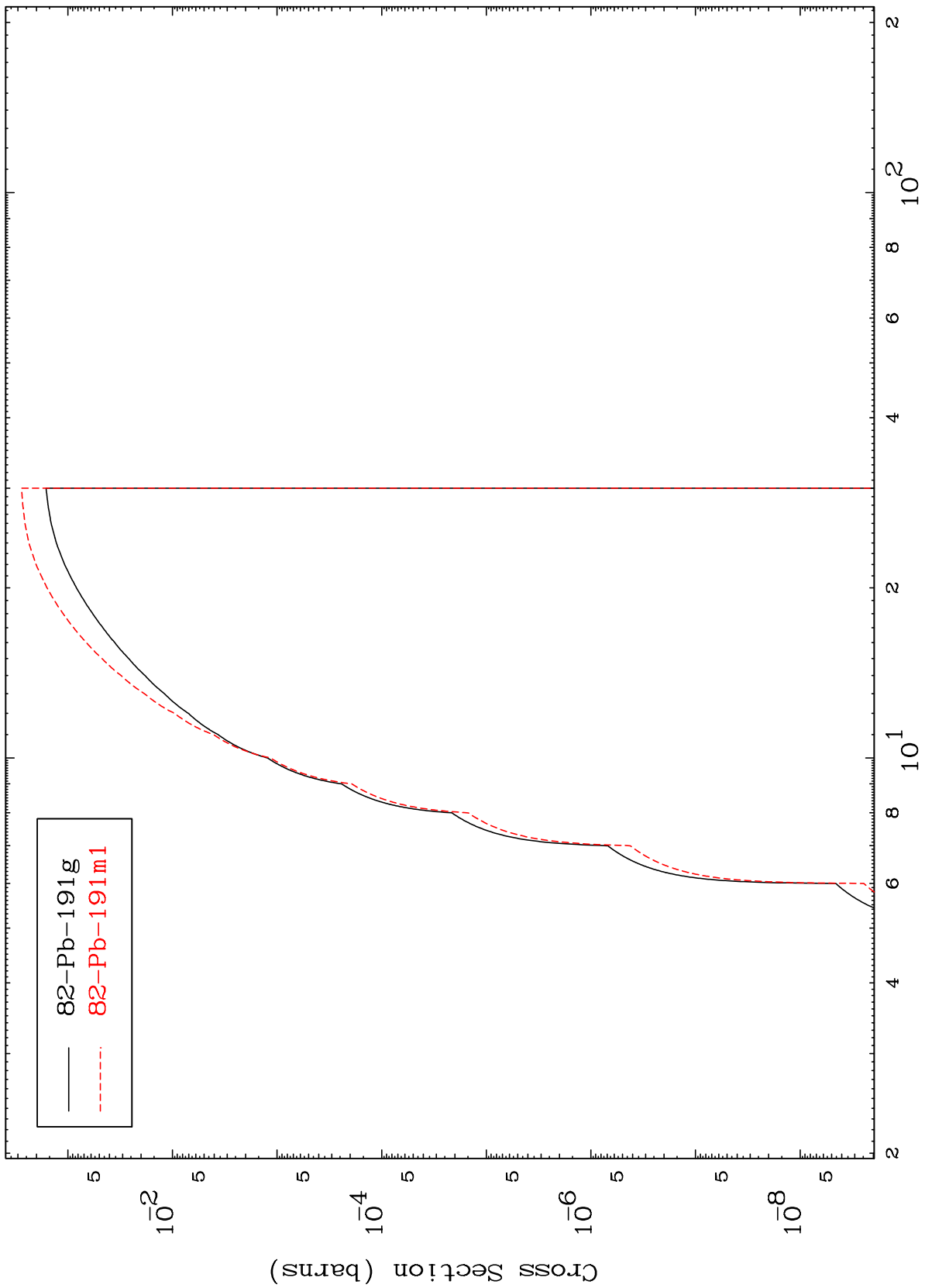
20

MAT 8187

(n,n') p

82-Pb-191m

Radionuclide Production Cross Section

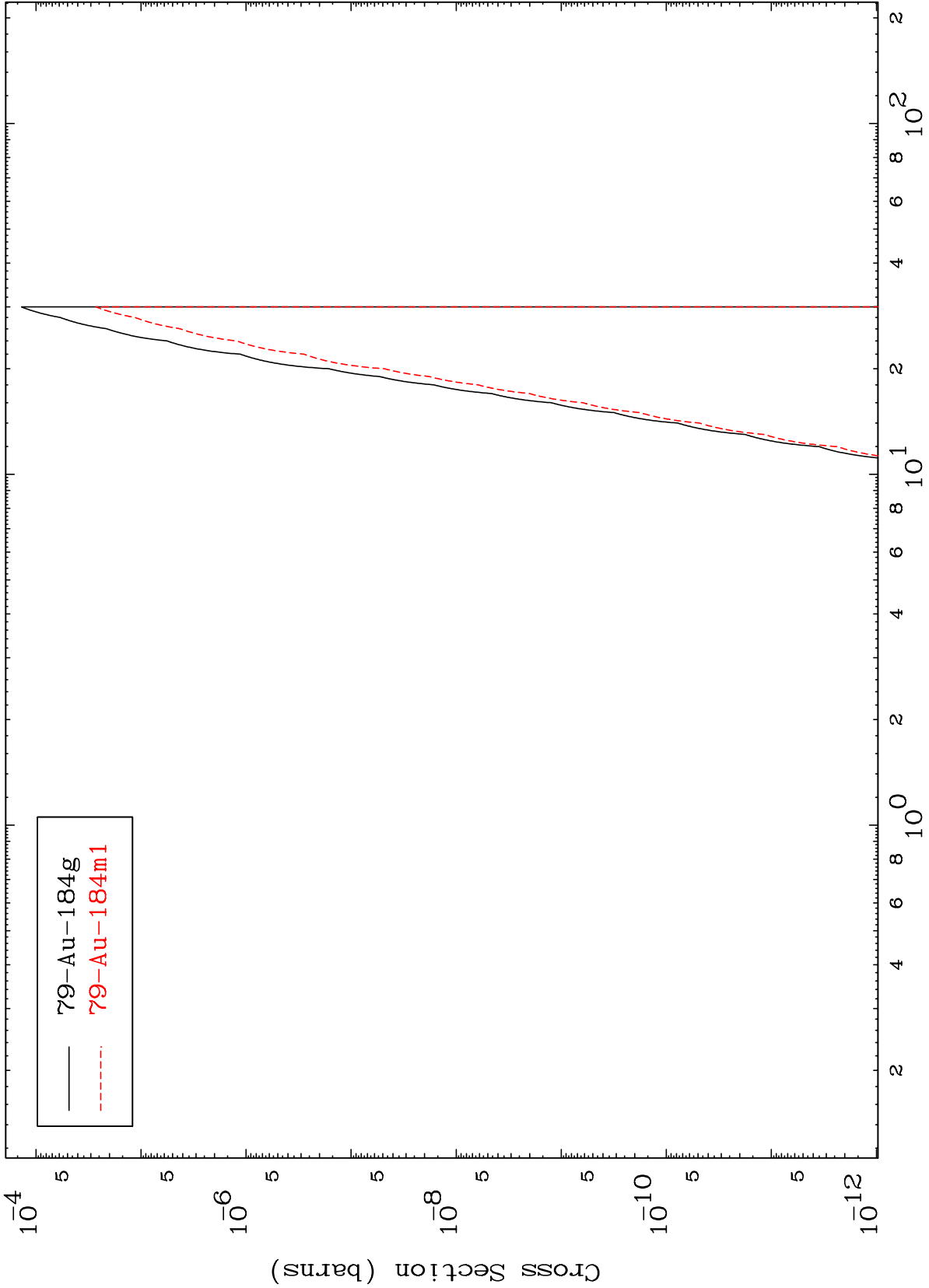


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(n,n') 2 $\alpha$

82-Pb-191m

Radionuclide Production Cross Section

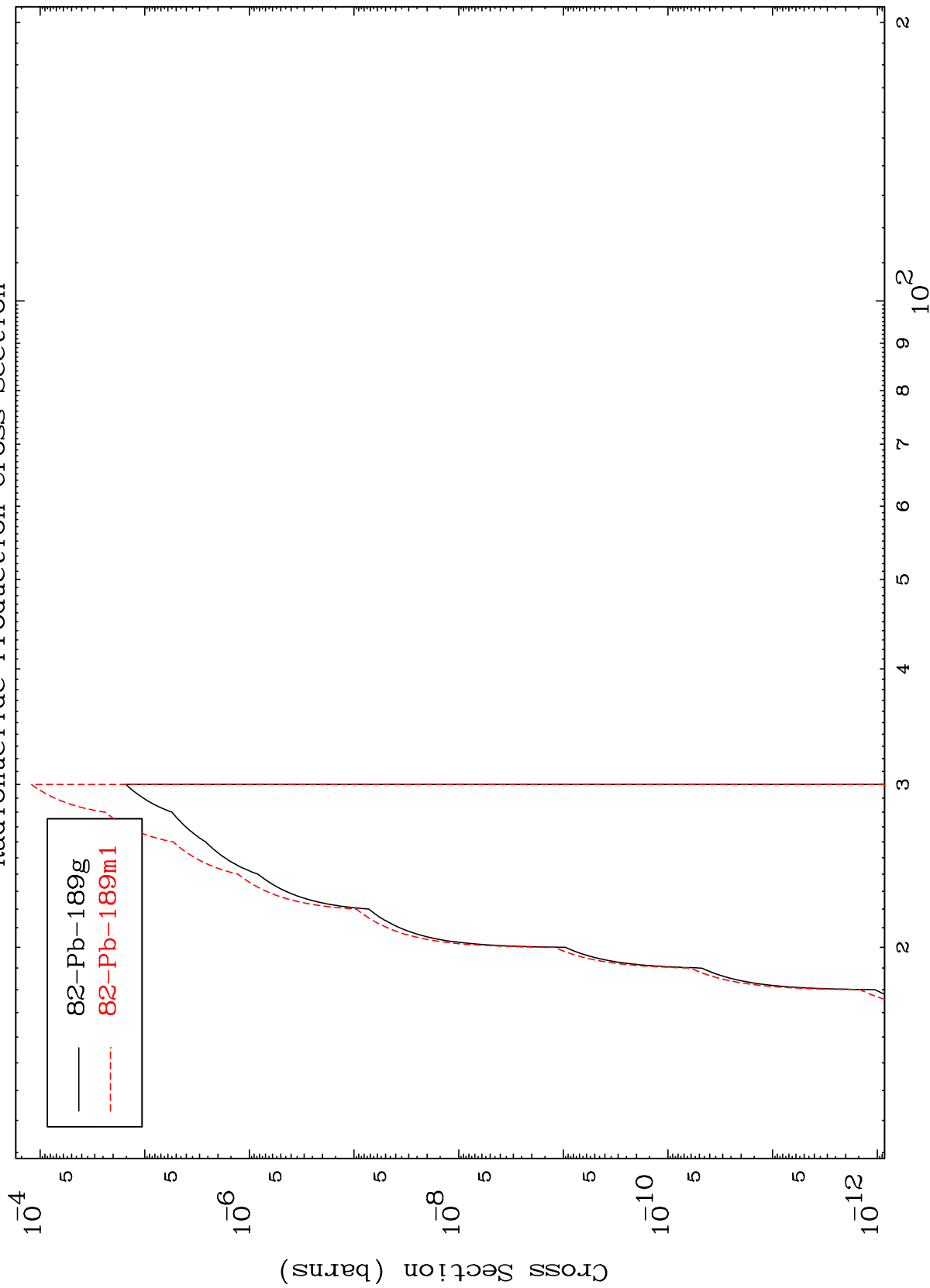


MAT 8187

(n,n') t

82-Pb-191m

Radionuclide Production Cross Section



Incident Energy (MeV)

82-Pb-191m

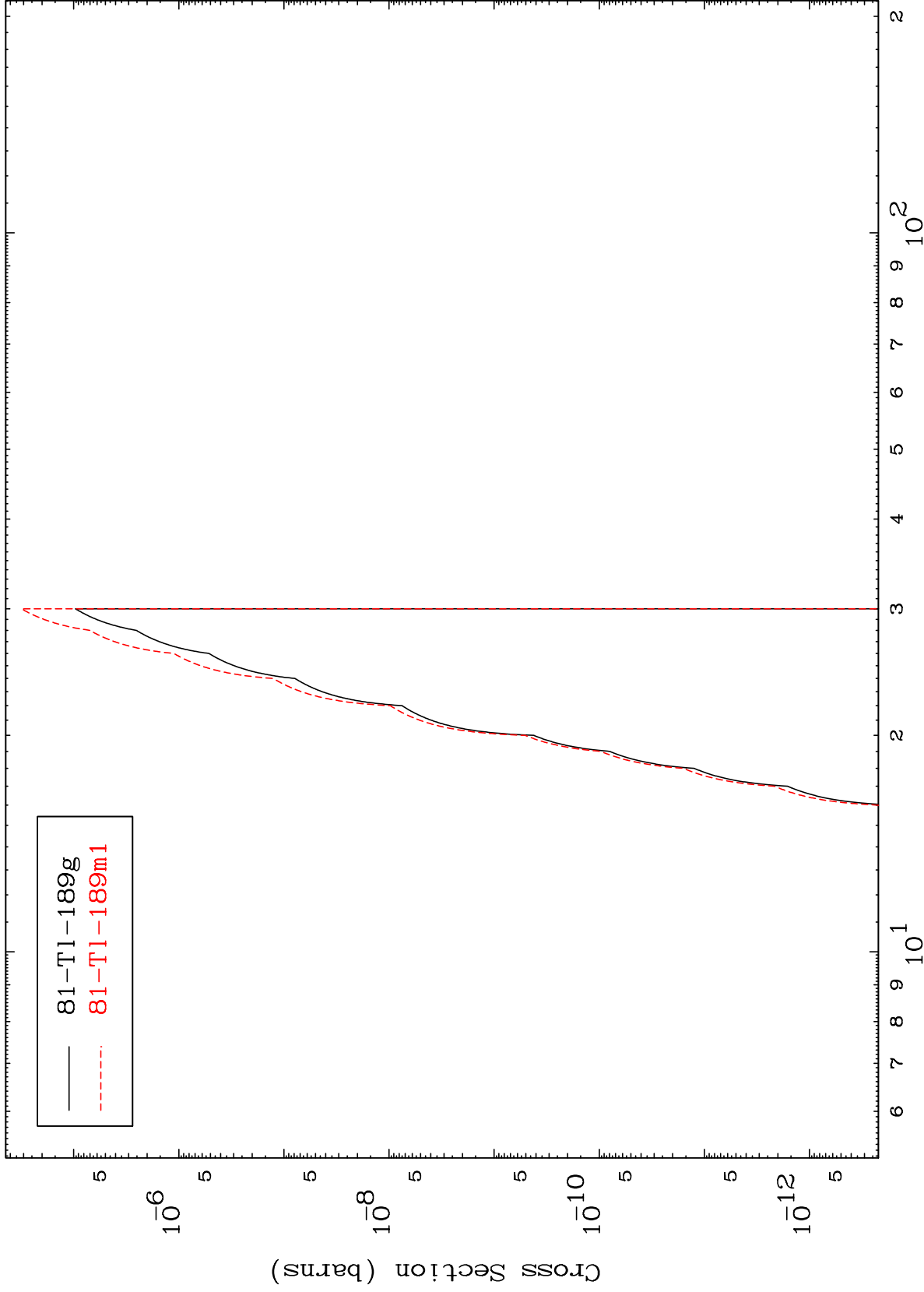
23

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(n,n') He-3

82-Pb-191m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

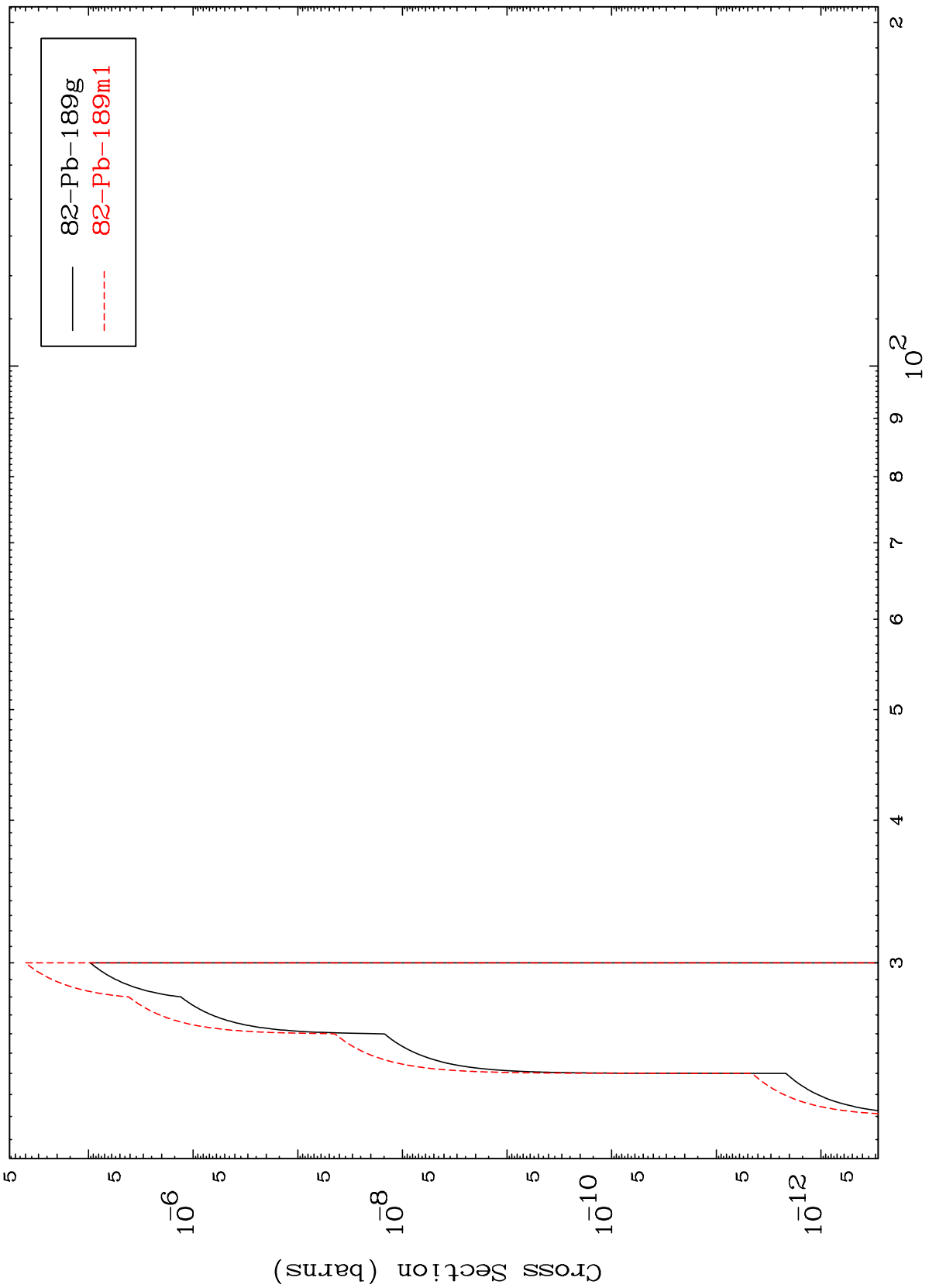
82-Pb-191m

MAT 8187

(n,3n) p

82-Pb-191m

Radionuclide Production Cross Section



25

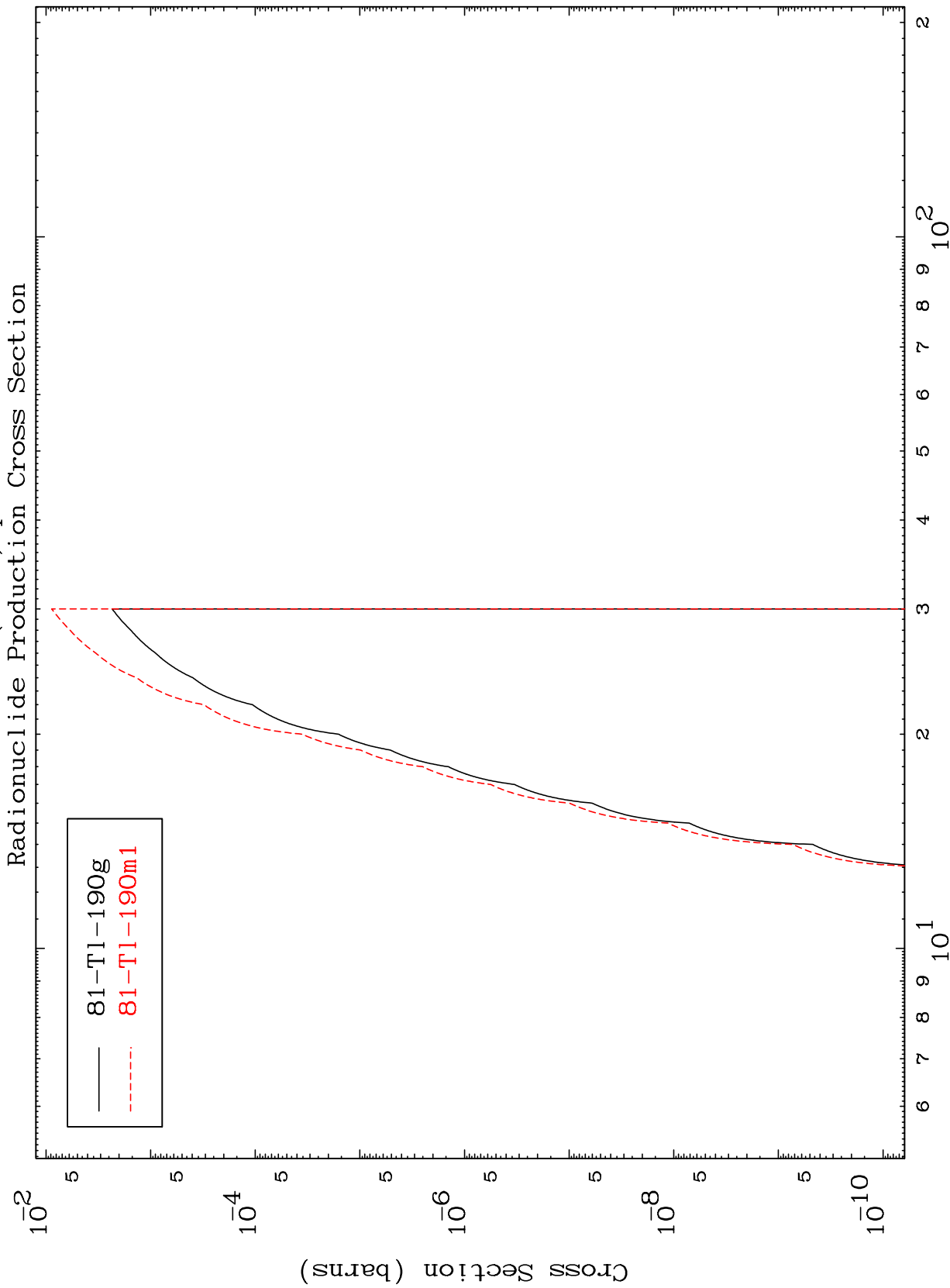
Incident Energy (MeV)

82-Pb-191m

MAT 8187

(n,2n) p

82-Pb-191m

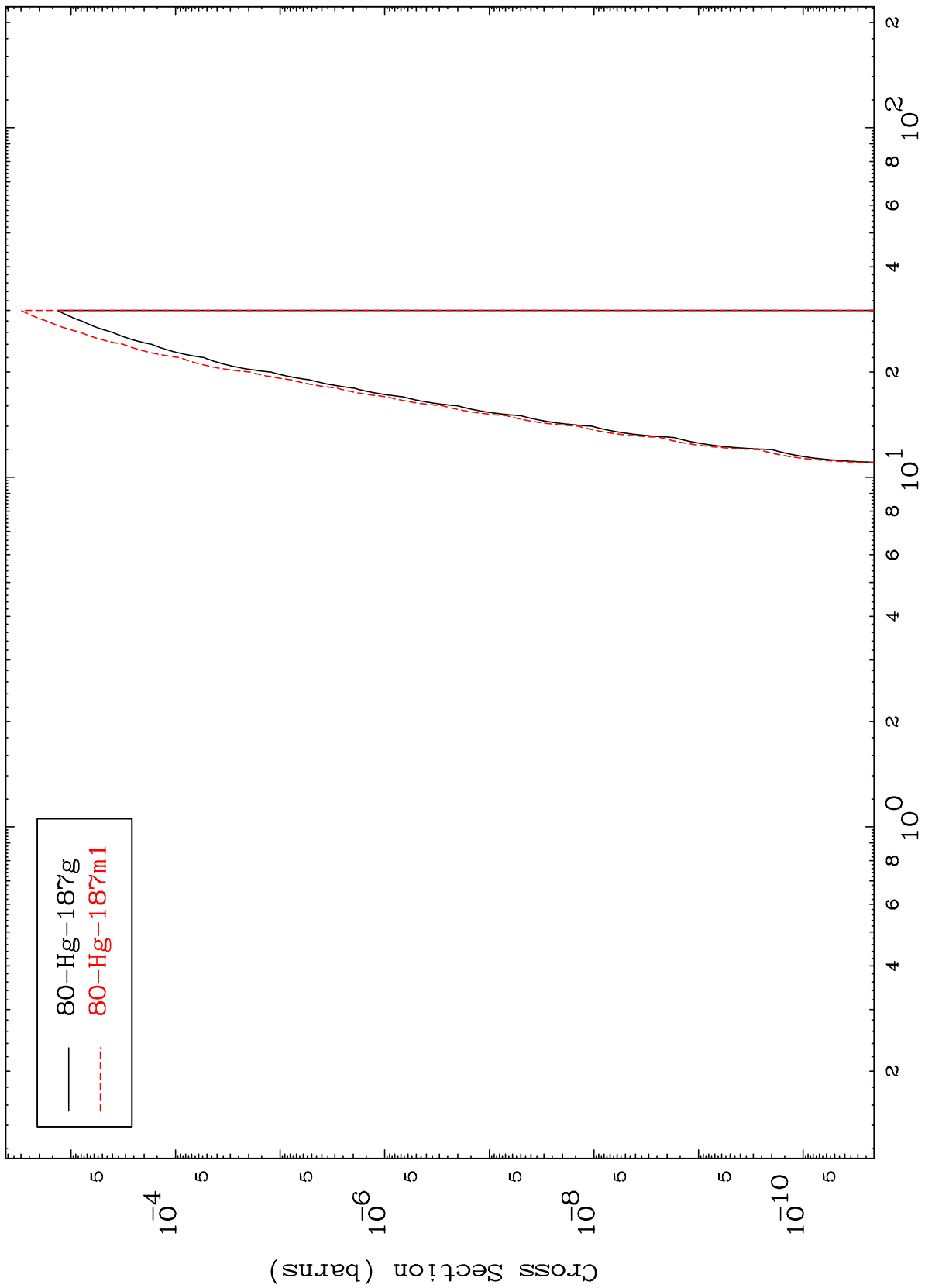


MAT 8187

(n,n') p  $\alpha$

<sup>82</sup>Pb-191m

Radionuclide Production Cross Section

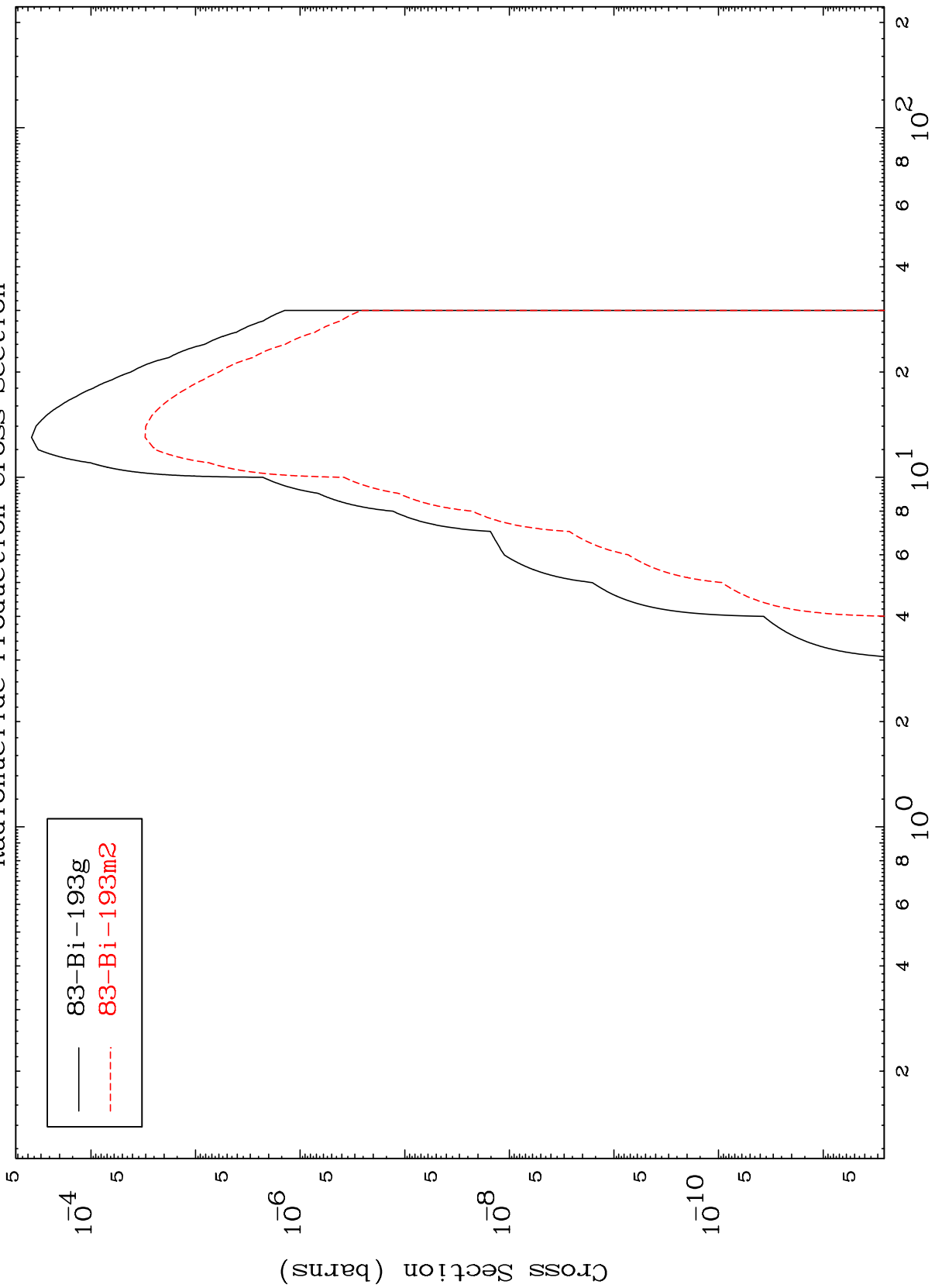


80-Hg-187g  
80-Hg-187m1

MAT 8187

82-Pb-191m

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



— 83-Bi-193g  
- - - 83-Bi-193m2

82-Pb-191m

Incident Energy (MeV)

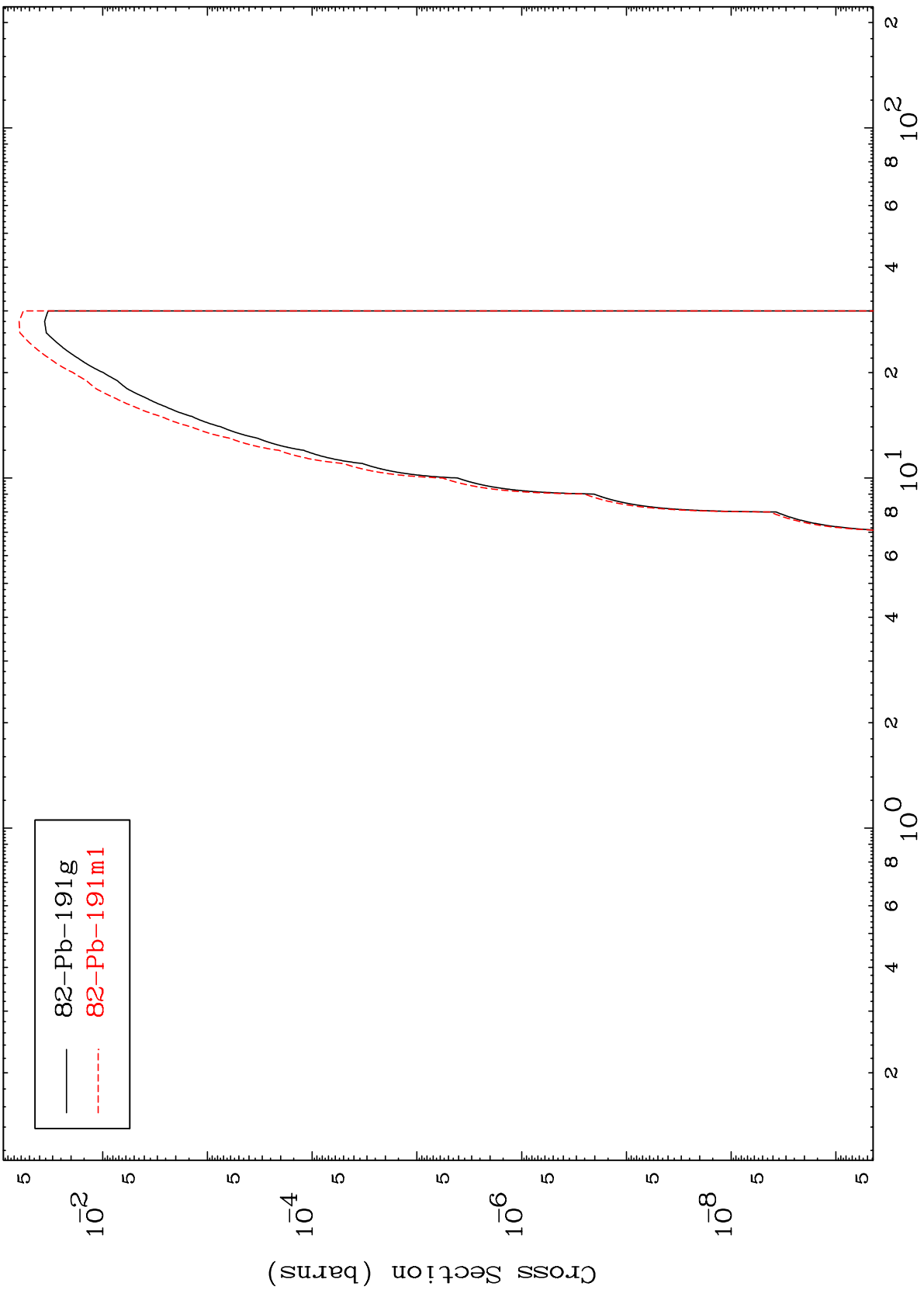
28

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(n,d)

<sup>82</sup>Pb-191m

Radionuclide Production Cross Section



— 82-Pb-191g  
- - - 82-Pb-191m1

Incident Energy (MeV)

<sup>82</sup>Pb-191m

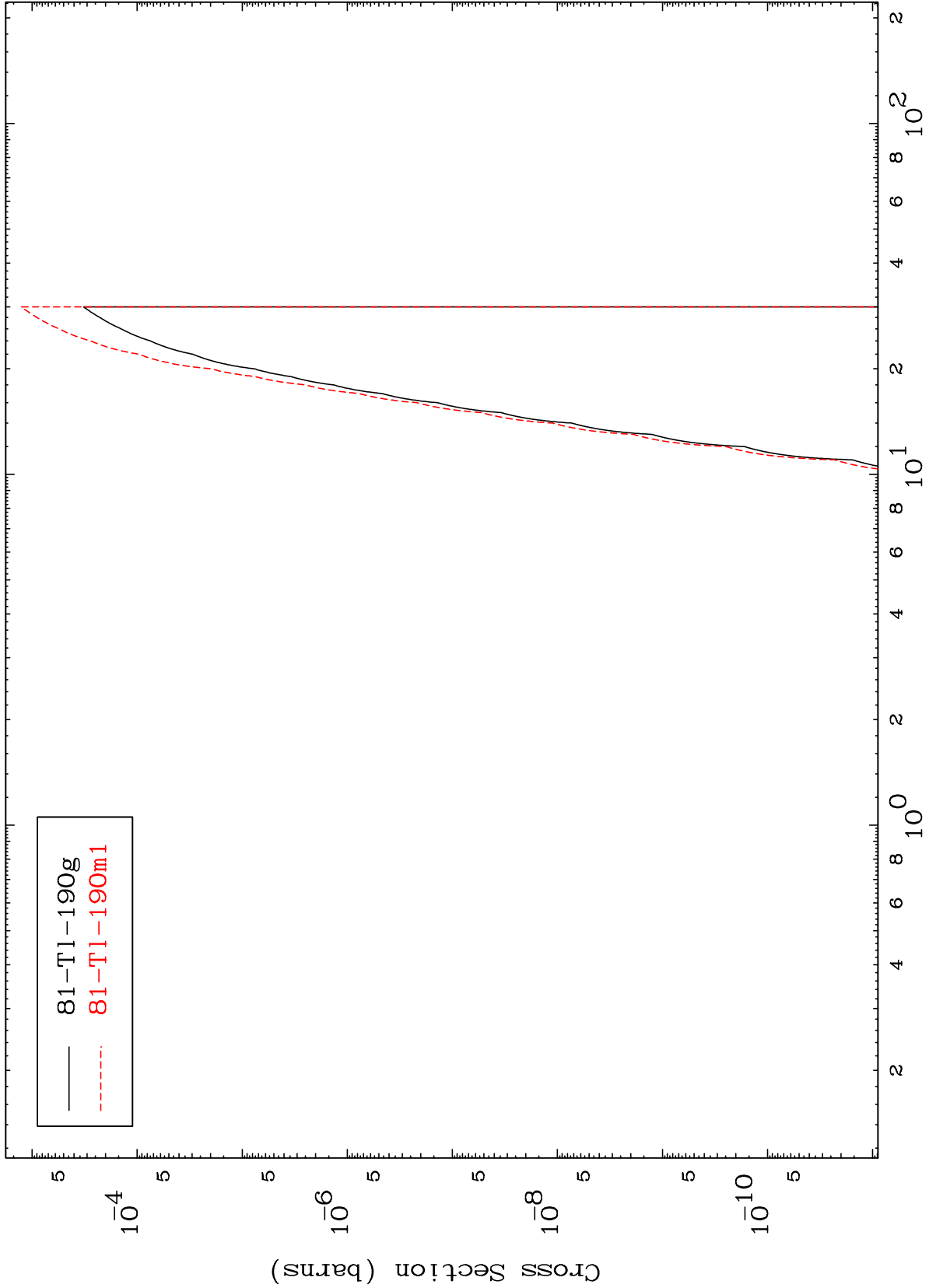
29

MAT 8187

(n,He-3)

82-Pb-191m

Radionuclide Production Cross Section

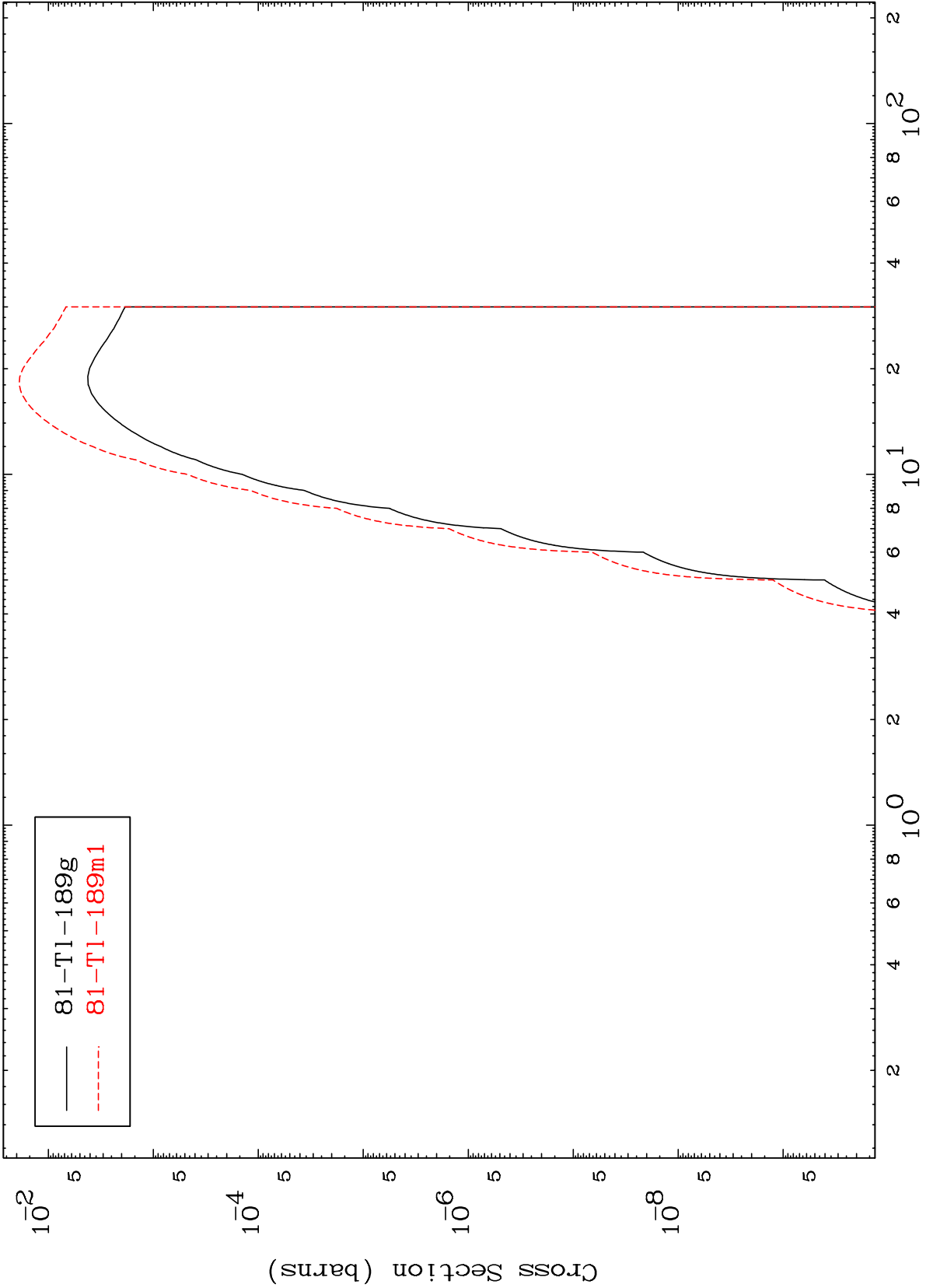


81-Tl-190g  
81-Tl-190m1

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82-Pb-191m

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

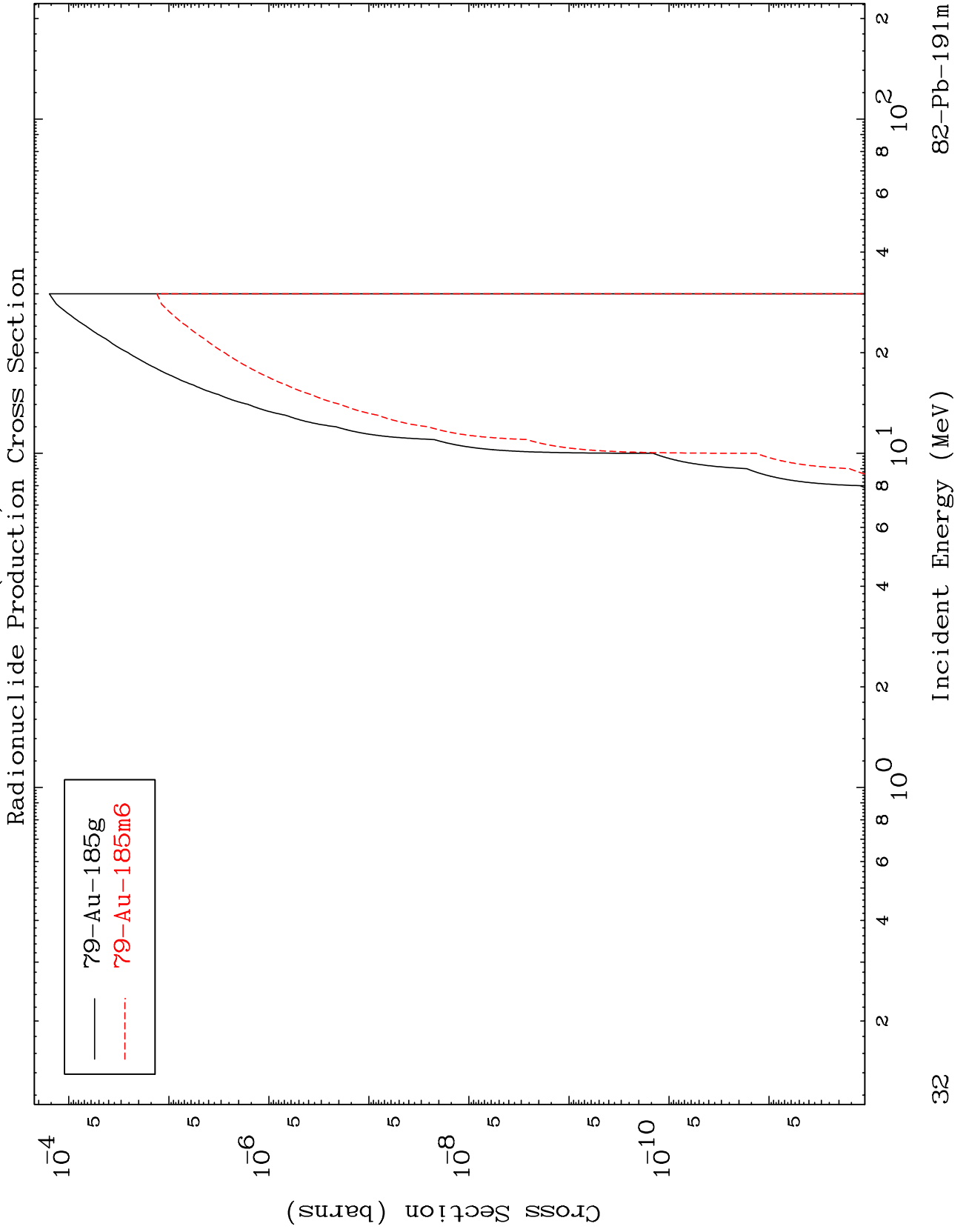


81-Tl-189g  
81-Tl-189m1

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(n,2 $\alpha$ )

82-Pb-191m

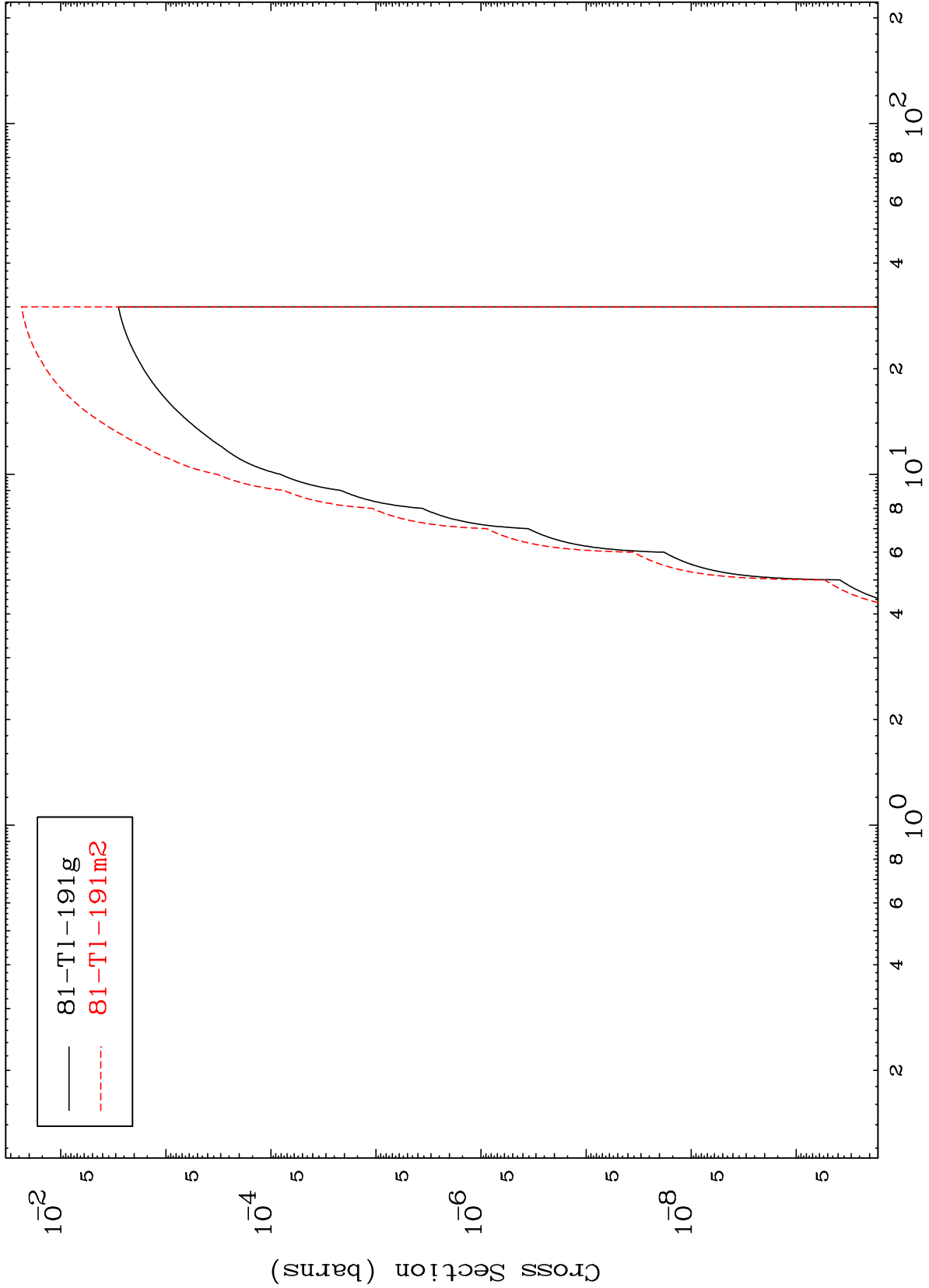


MAT 8187

(n,2p)

82-Pb-191m

Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

Incident Energy (MeV)

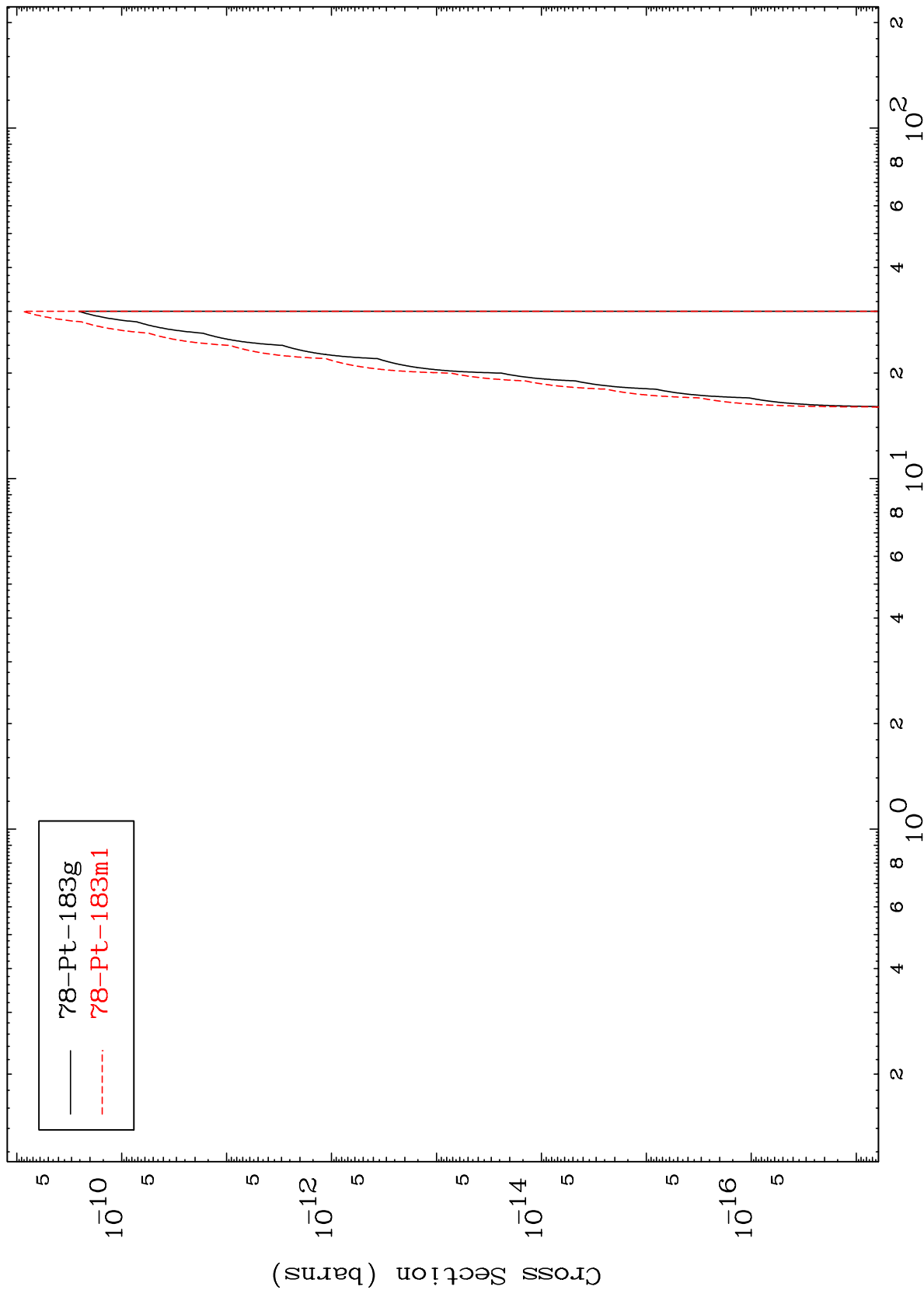
82-Pb-191m

MAT 8187

(n,d)  $2\alpha$

$^{82}\text{Pb}-191\text{m}$

Radionuclide Production Cross Section

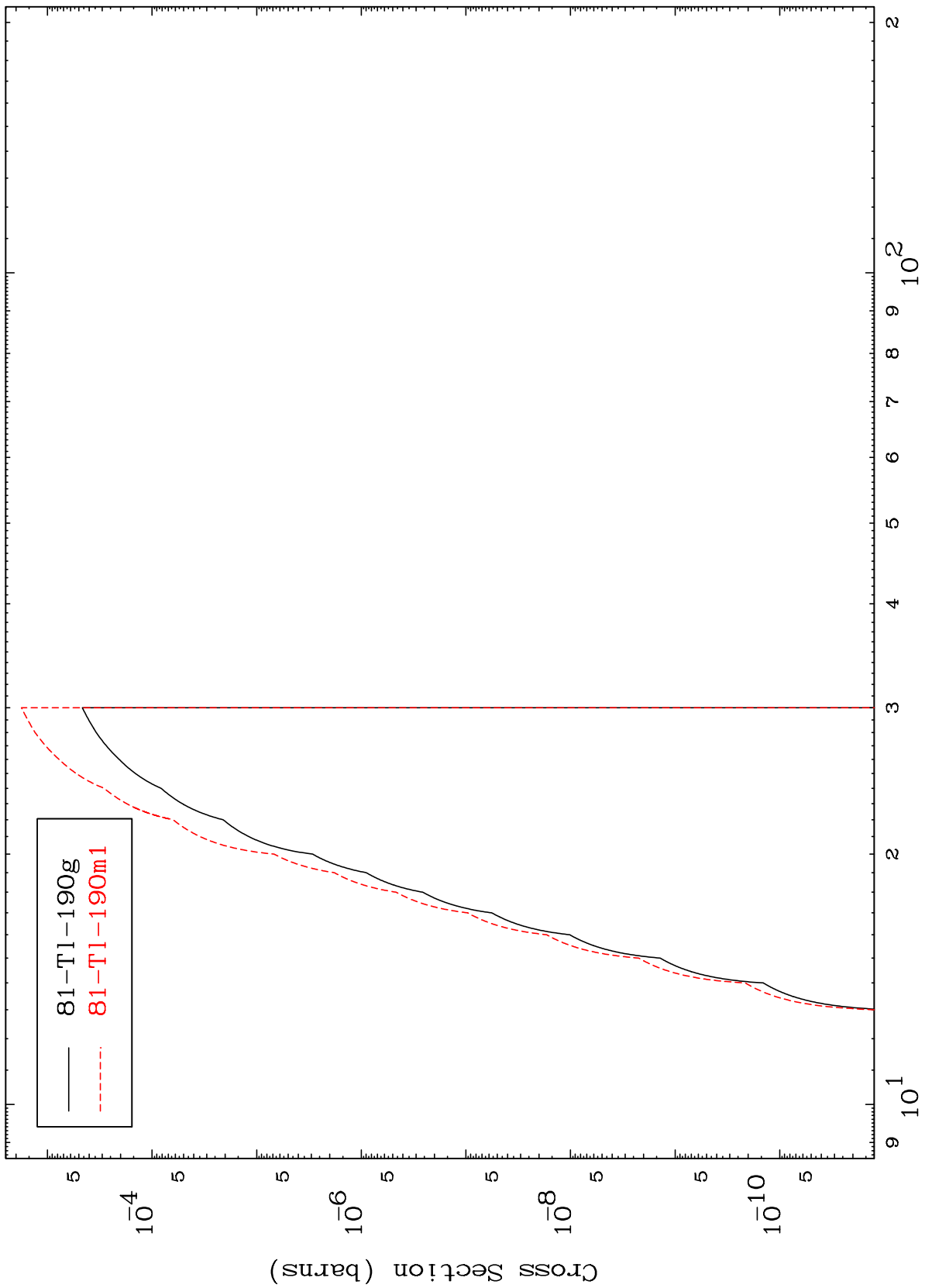


MAT 8187

(n,p) d

82-Pb-191m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

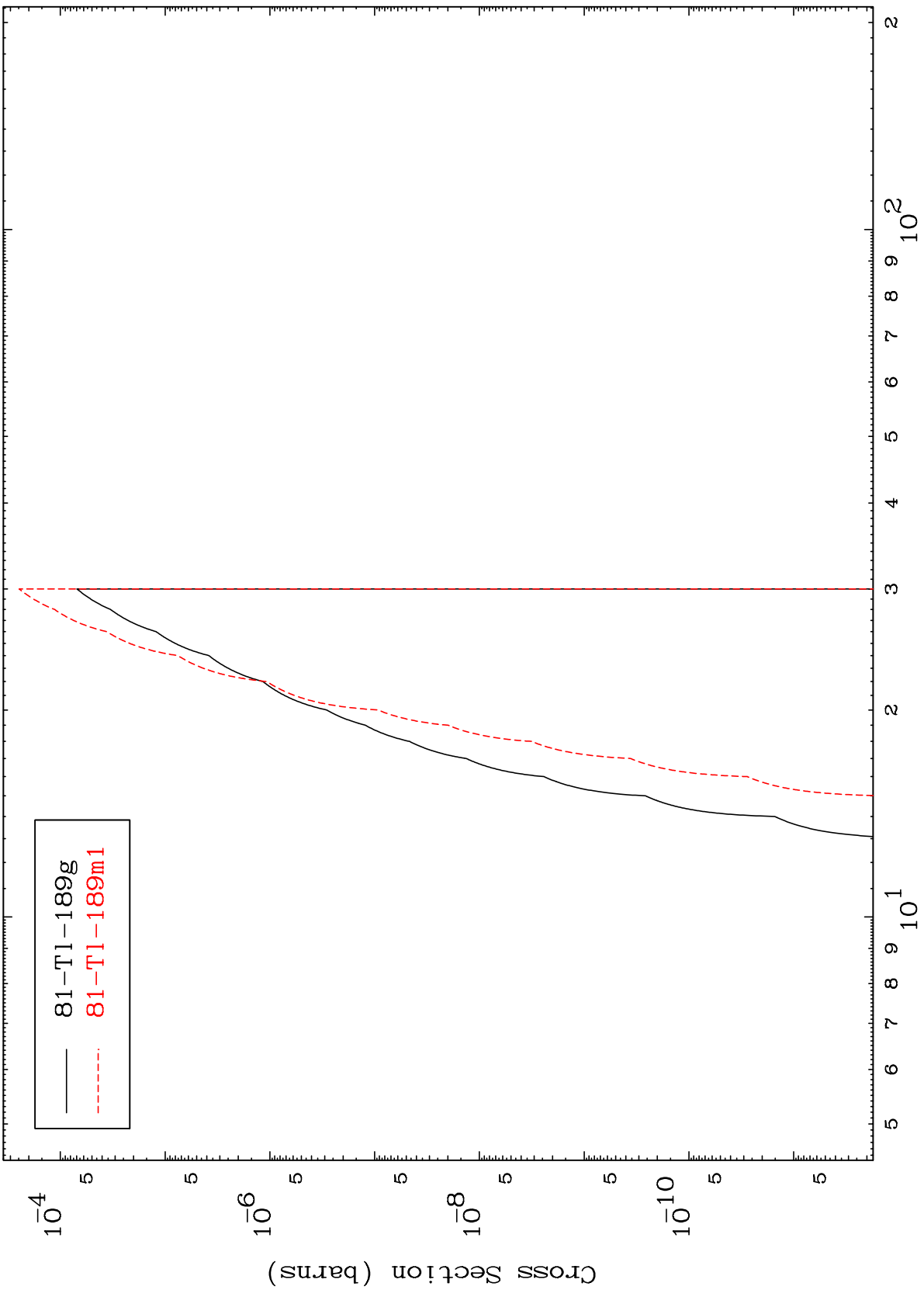
82-Pb-191m

MAT 8187

(n,p) t

82-Pb-191m

Radionuclide Production Cross Section



— 81-Tl-189g  
- - - 81-Tl-189m1

36

Incident Energy (MeV)

82-Pb-191m

MAT 8187

(n,d)  $\alpha$

82-Pb-191m

