

Program EVALPLOT  
(Version 2021-1)

by

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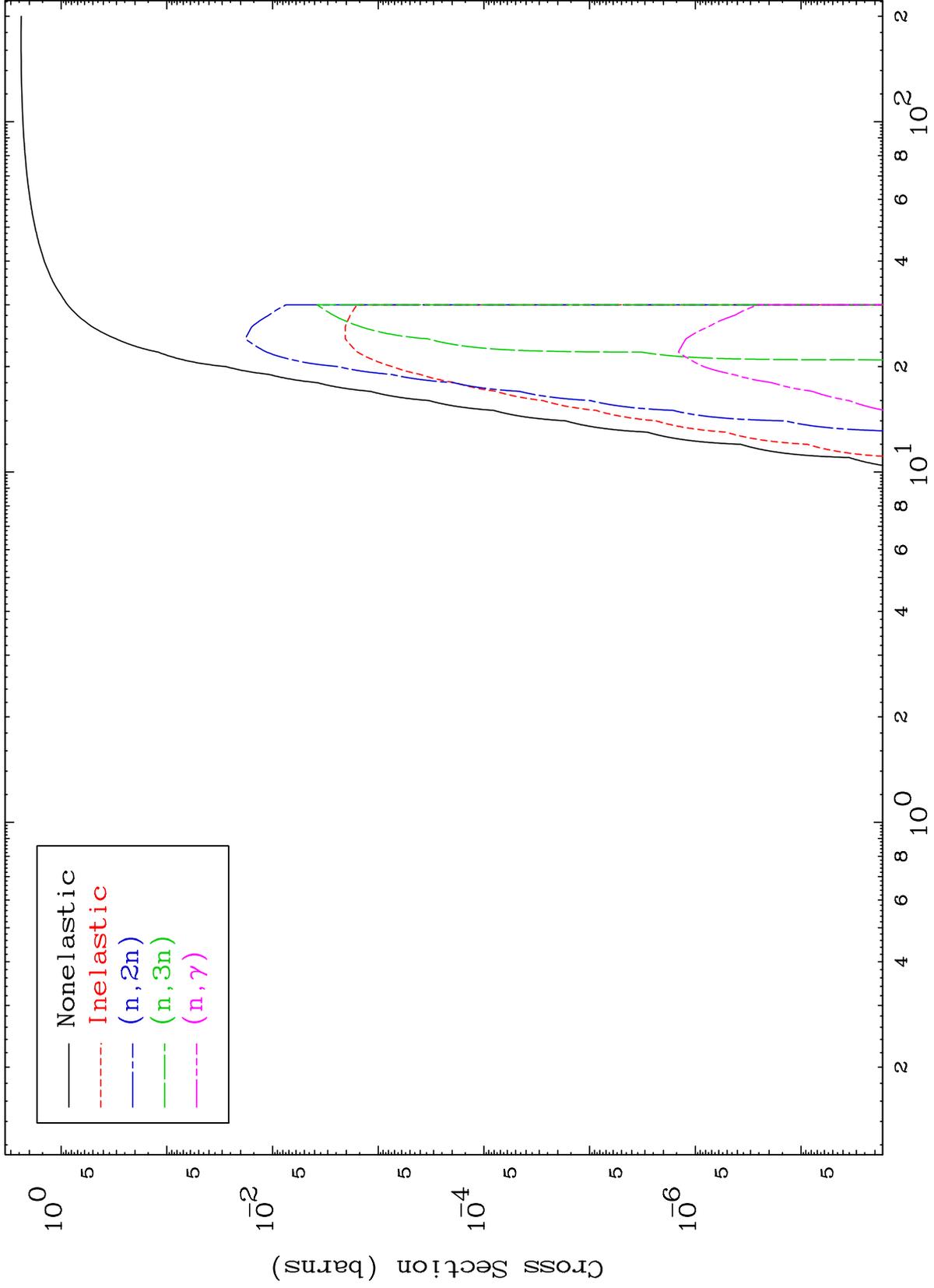
Press Mouse Button to Start

MAT 8296

He-3 Major

83-Bi-199m

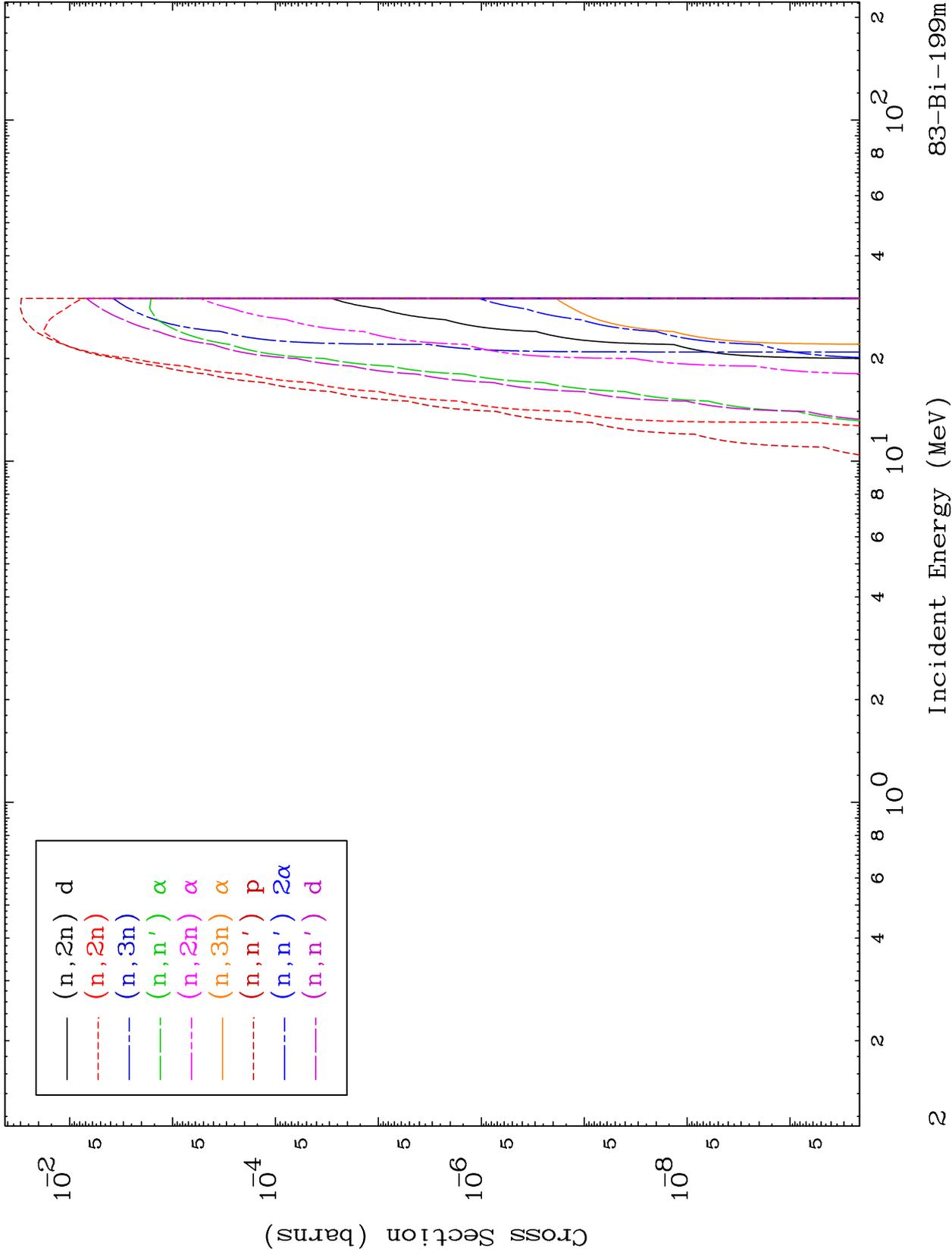
0 Kelvin Cross Sections



MAT 8296

He-3 Neutron Absorption  
0 Kelvin Cross Sections

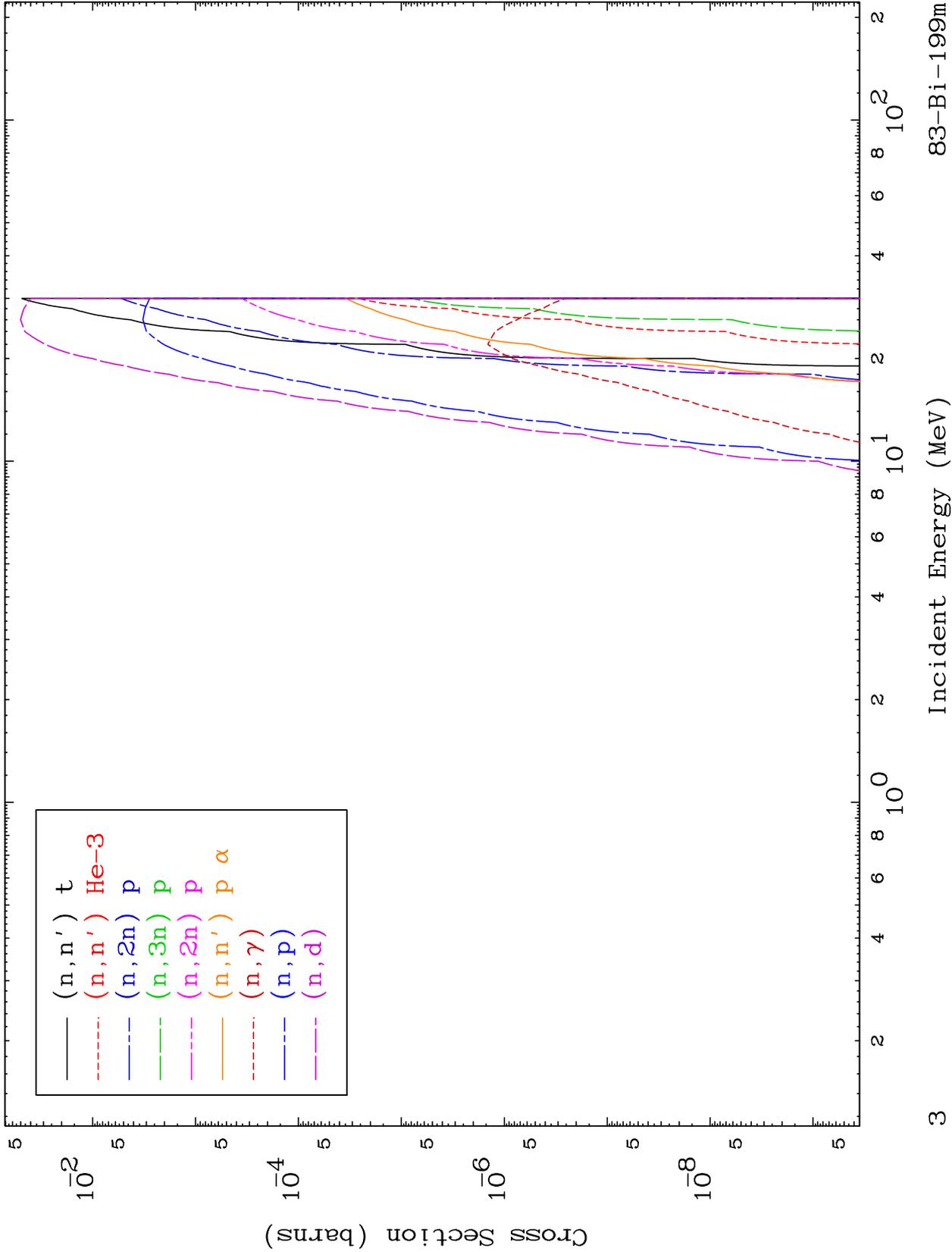
83-Bi-199m



MAT 8296

He-3 Neutron Absorption  
0 Kelvin Cross Sections

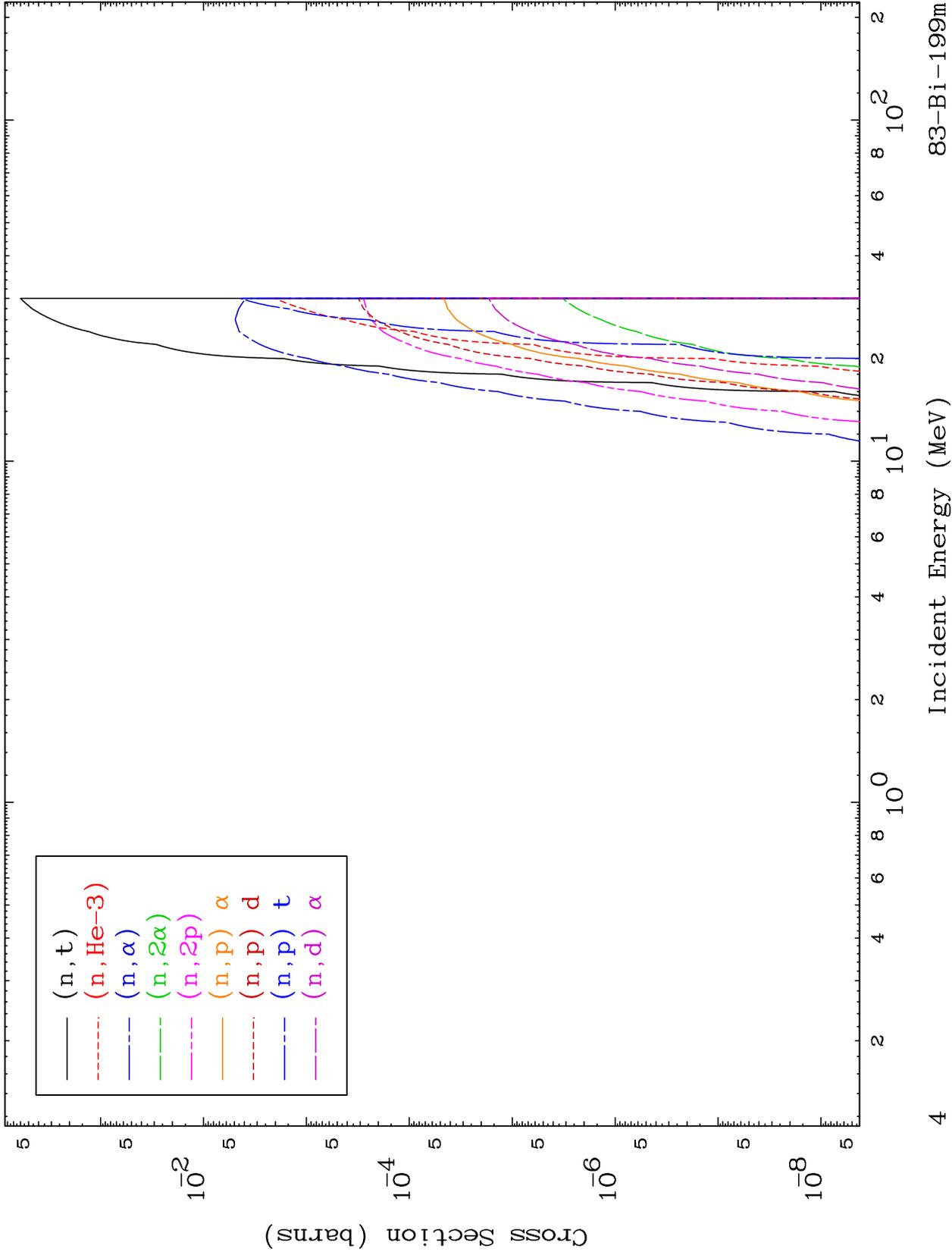
83-Bi-199m



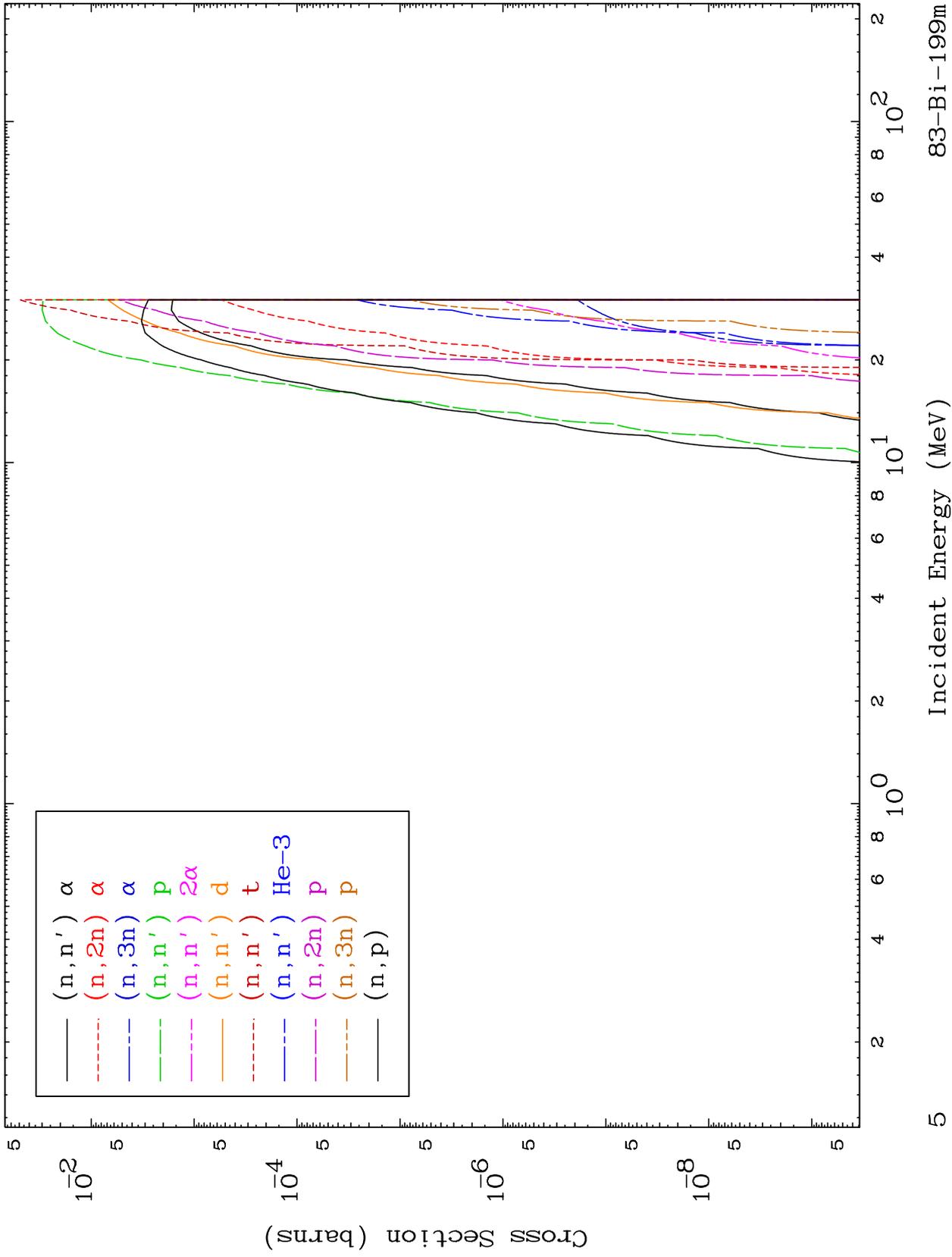
MAT 8296

He-3 Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-199m



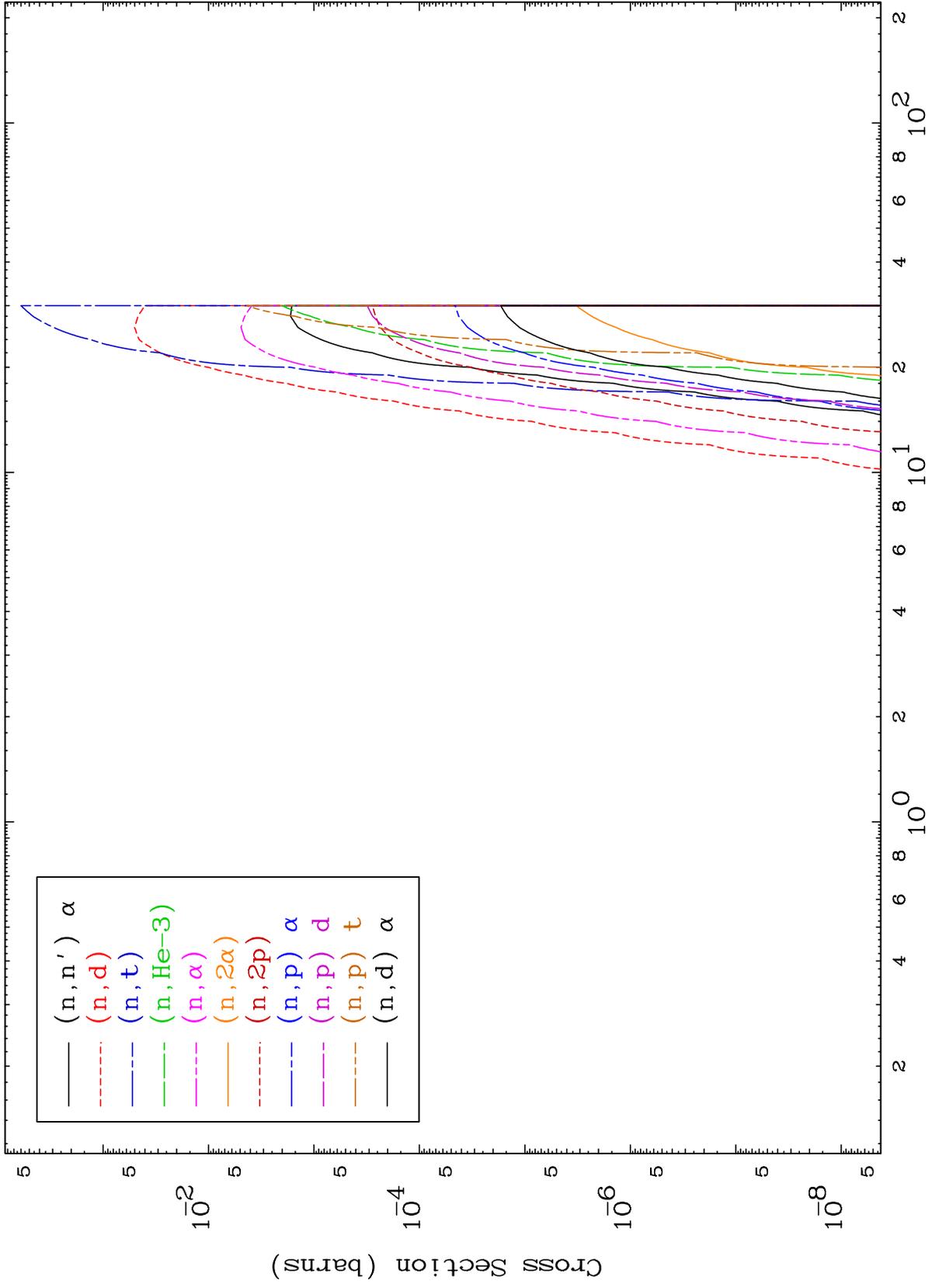
83-Bi-199m



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He-3 Charged Particle  
0 Kelvin Cross Sections

83-Bi-199m

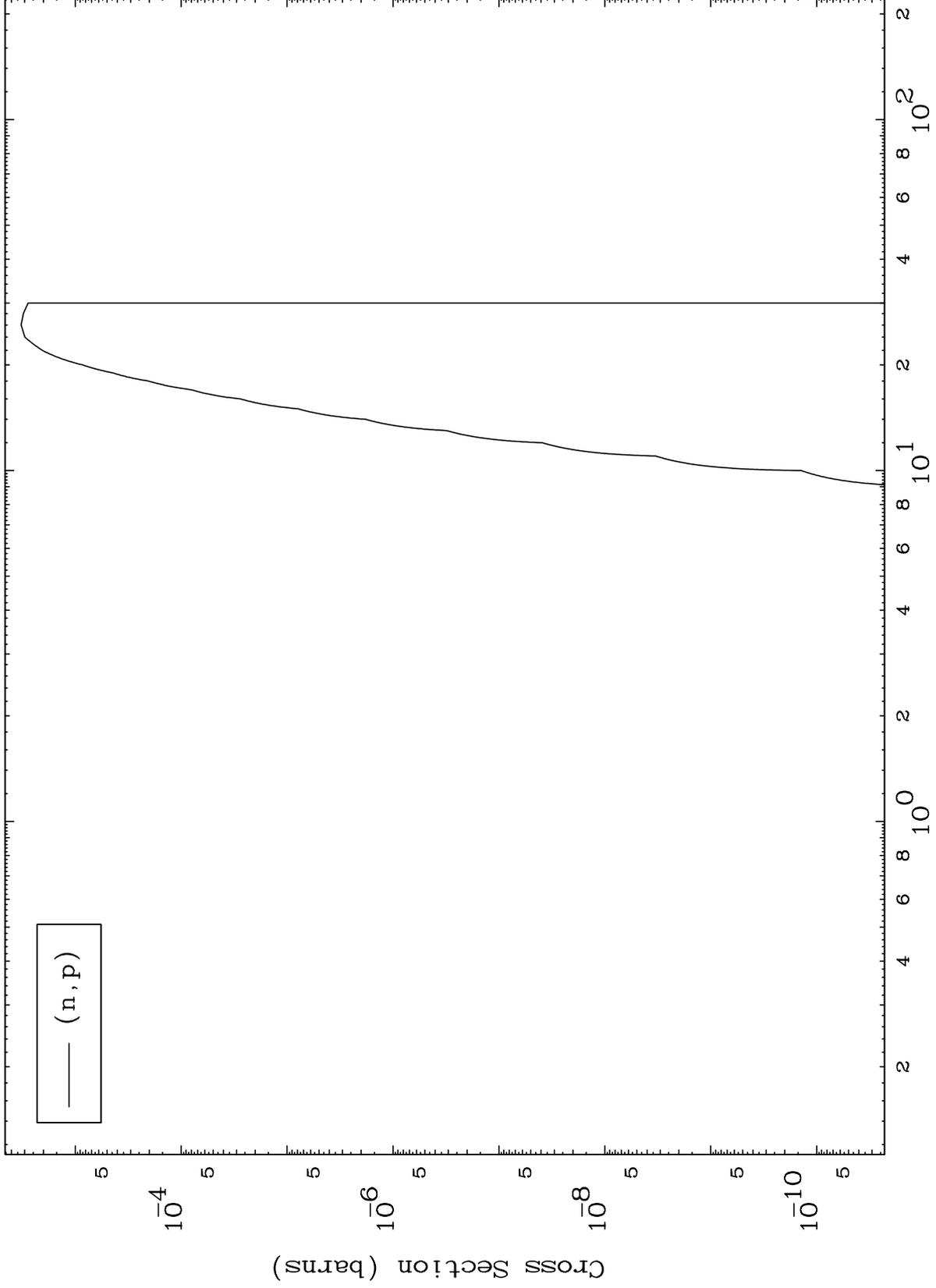


MAT 8296

(He-3,p) Levels

83-Bi-199m

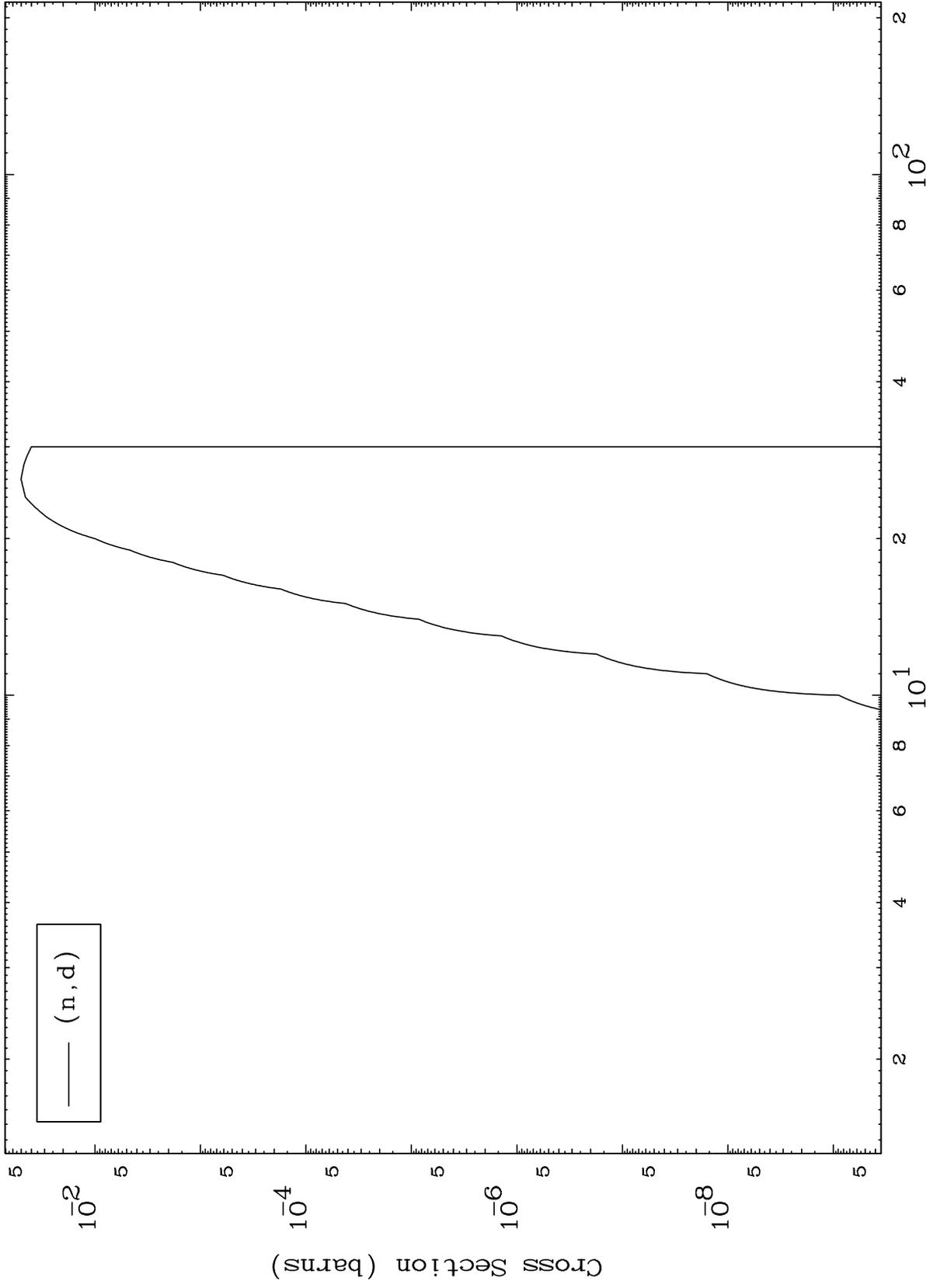
0 Kelvin Cross Sections



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(He-3,d) Levels  
0 Kelvin Cross Sections

83-Bi-199m



8

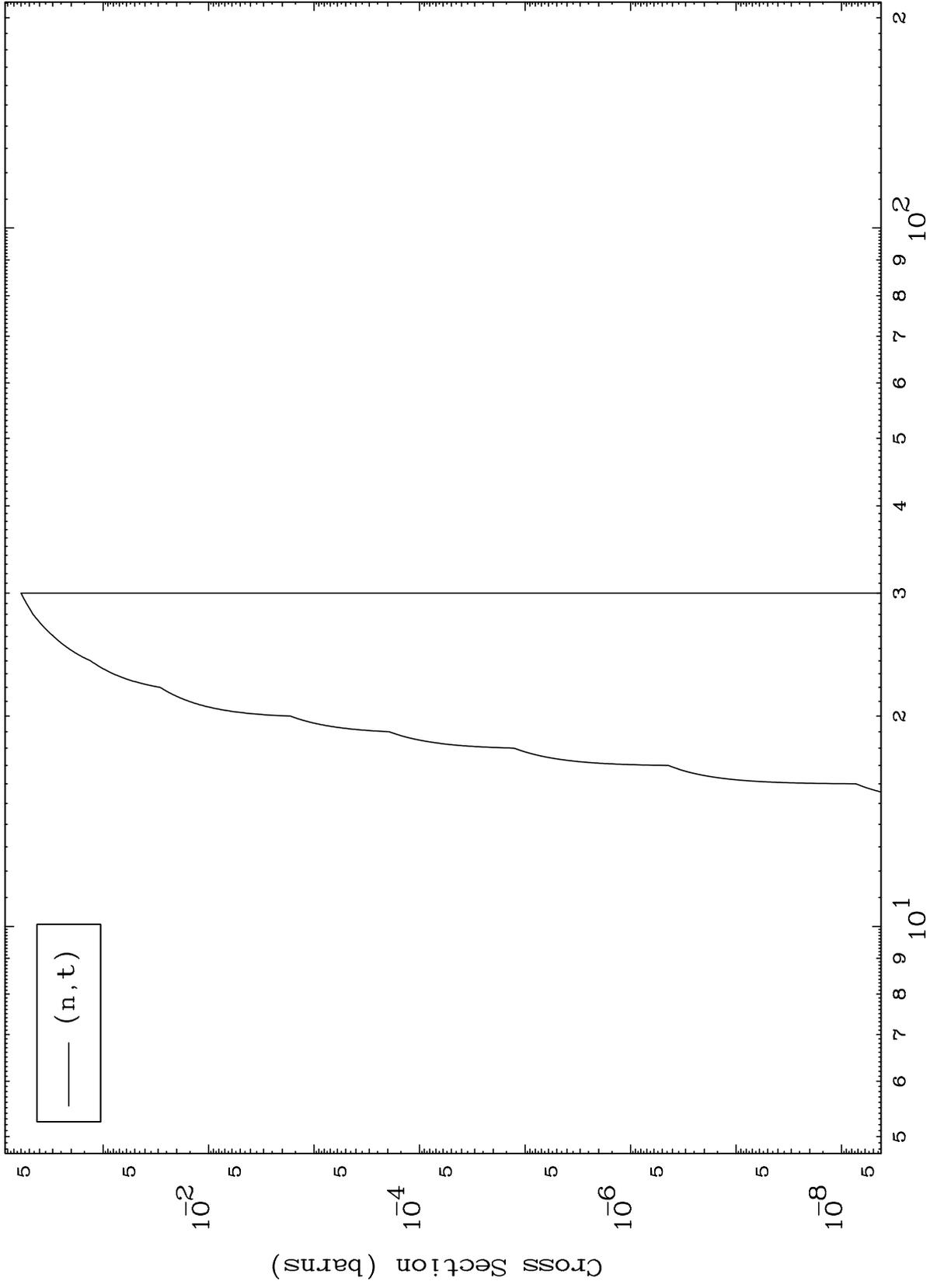
Incident Energy (MeV)

83-Bi-199m

MAT 8296

(He-3,t) Levels  
0 Kelvin Cross Sections

83-Bi-199m



9

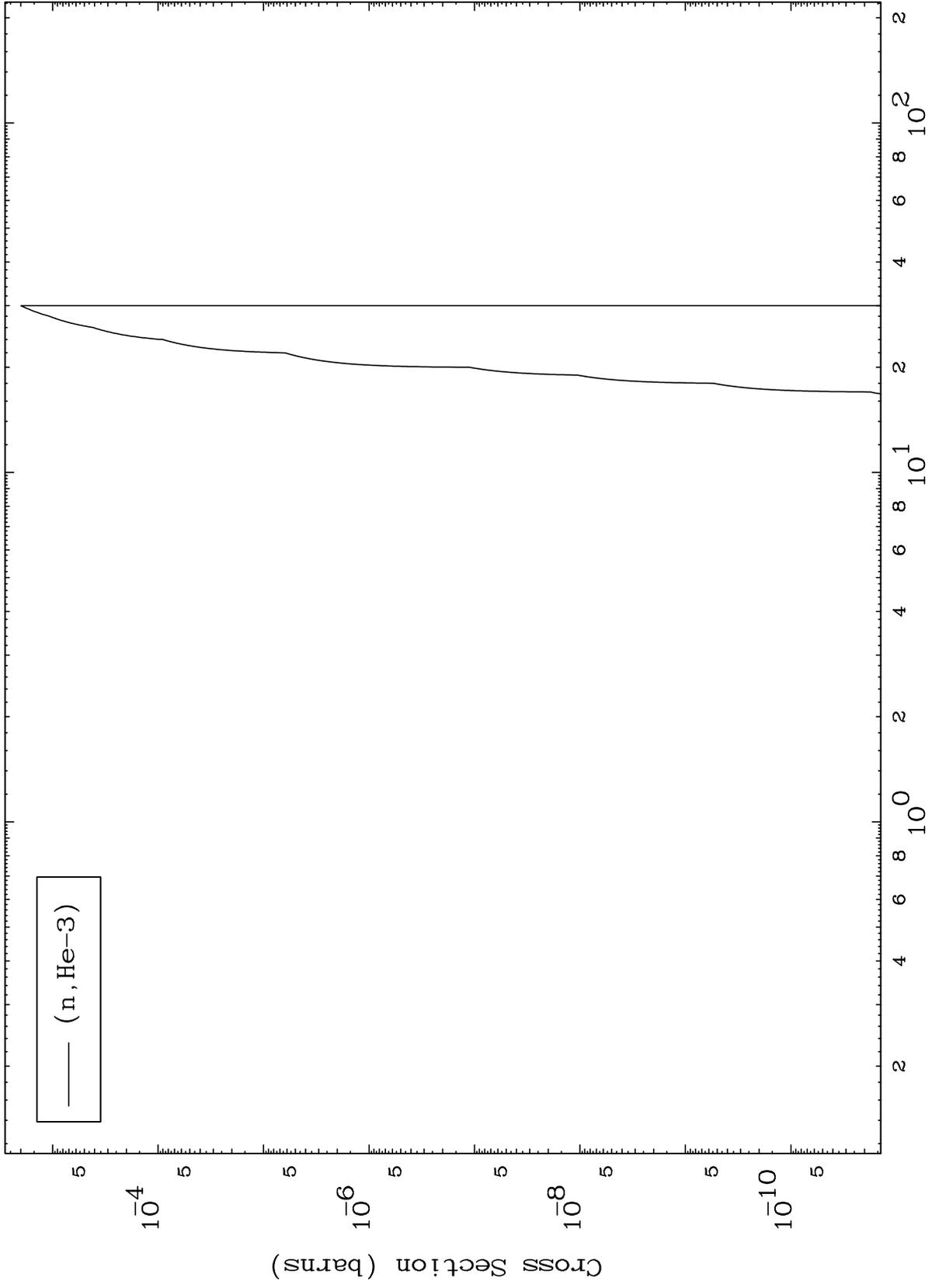
Incident Energy (MeV)

83-Bi-199m

MAT 8296

(He-3, He3) Levels  
0 Kelvin Cross Sections

83-Bi-199m



10

Incident Energy (MeV)

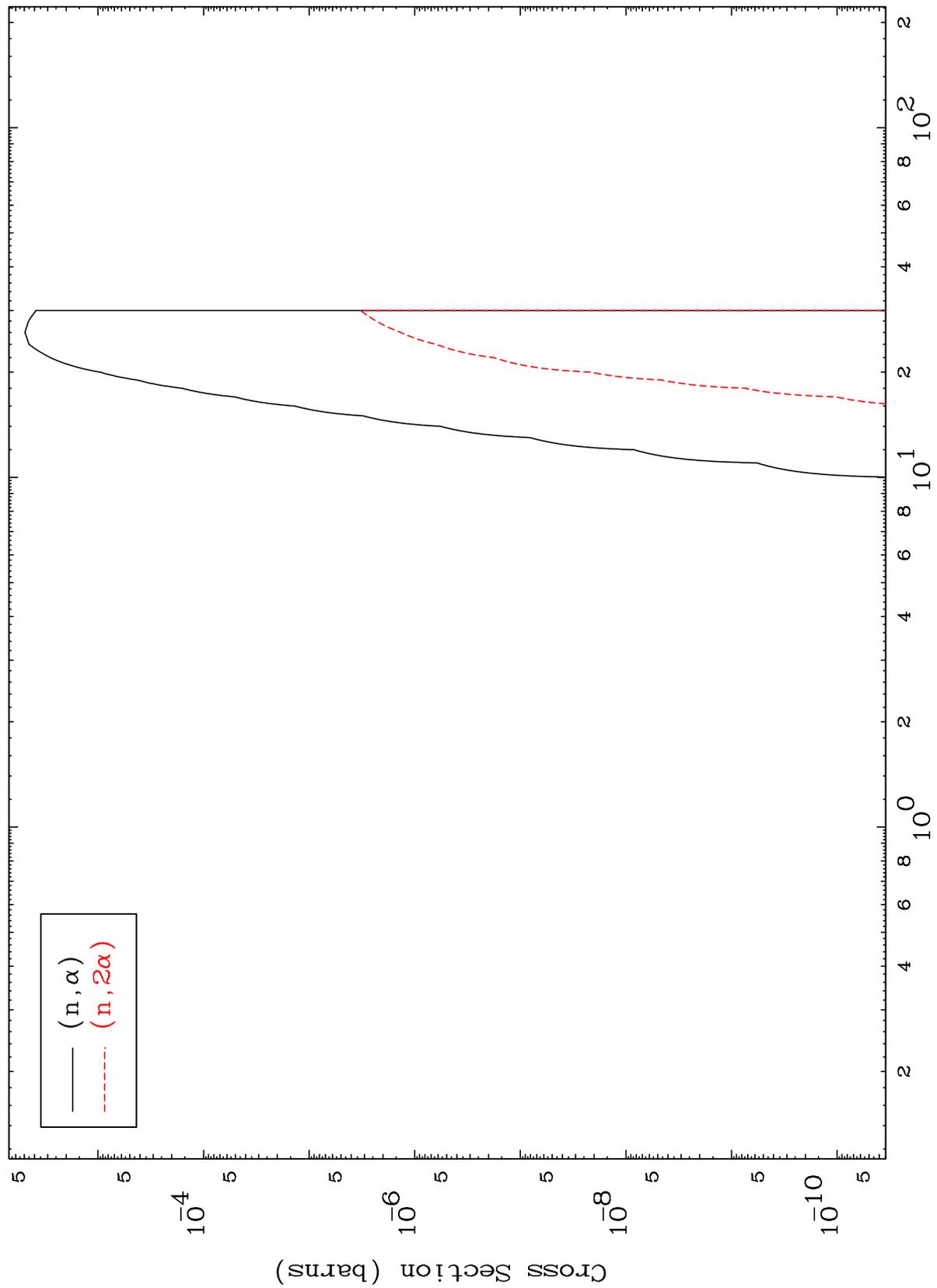
83-Bi-199m

MAT 8296

(He-3,  $\alpha$ ) Levels

83-Bi-199m

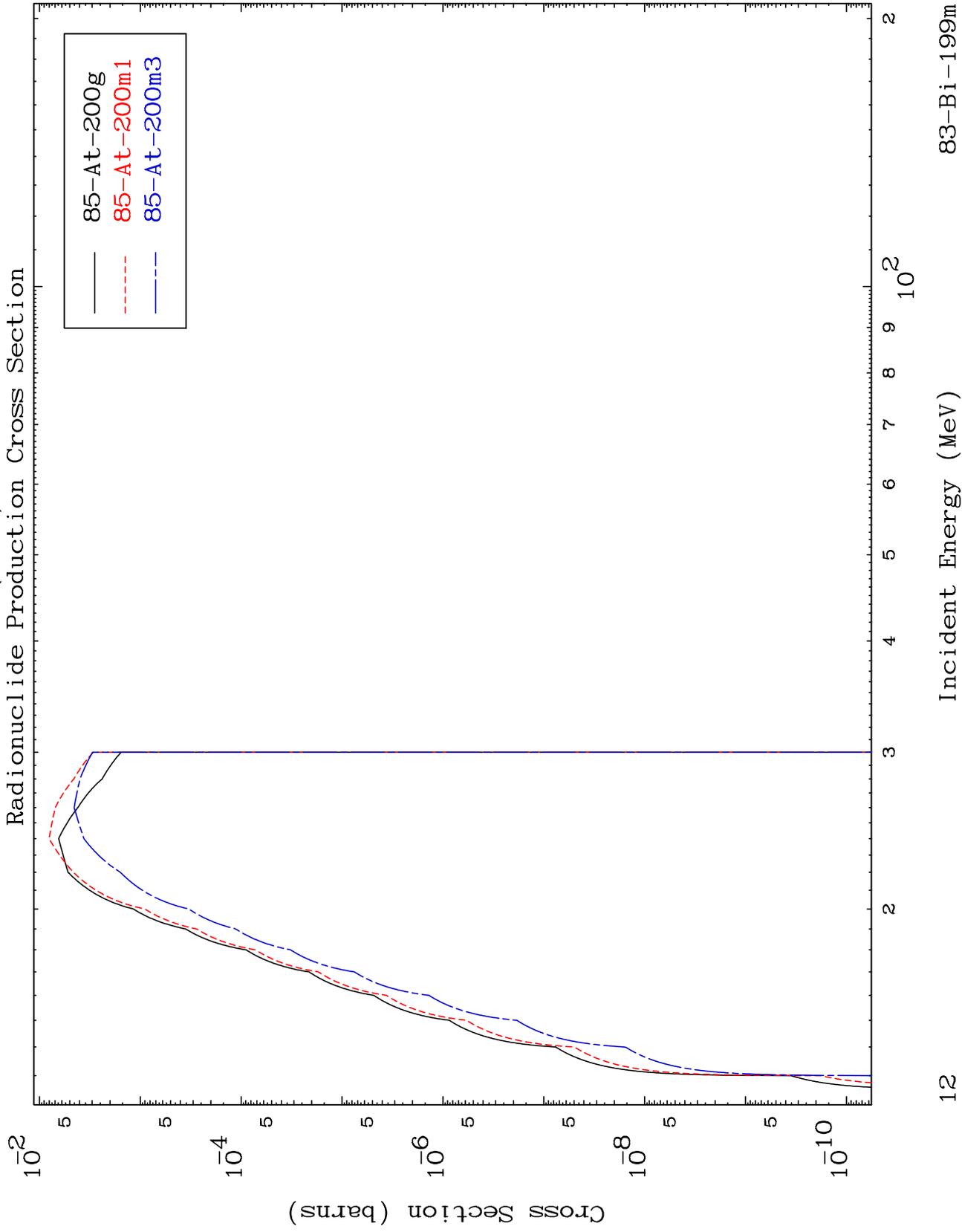
0 Kelvin Cross Sections



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(n,2n)

83-Bi-199m



12

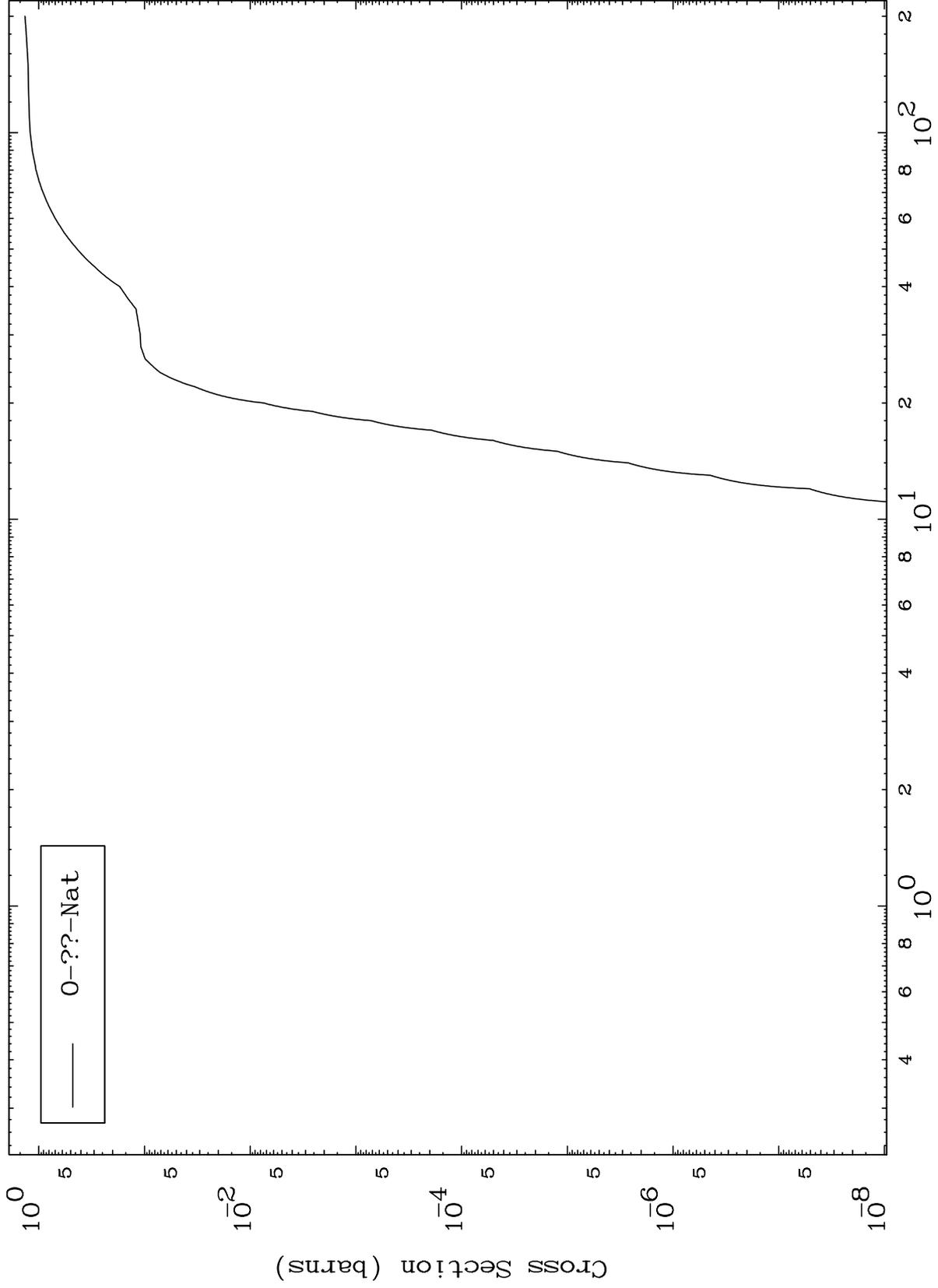
83-Bi-199m

MAT 8296

Fission

<sup>83</sup>Bi-199m

Radionuclide Production Cross Section

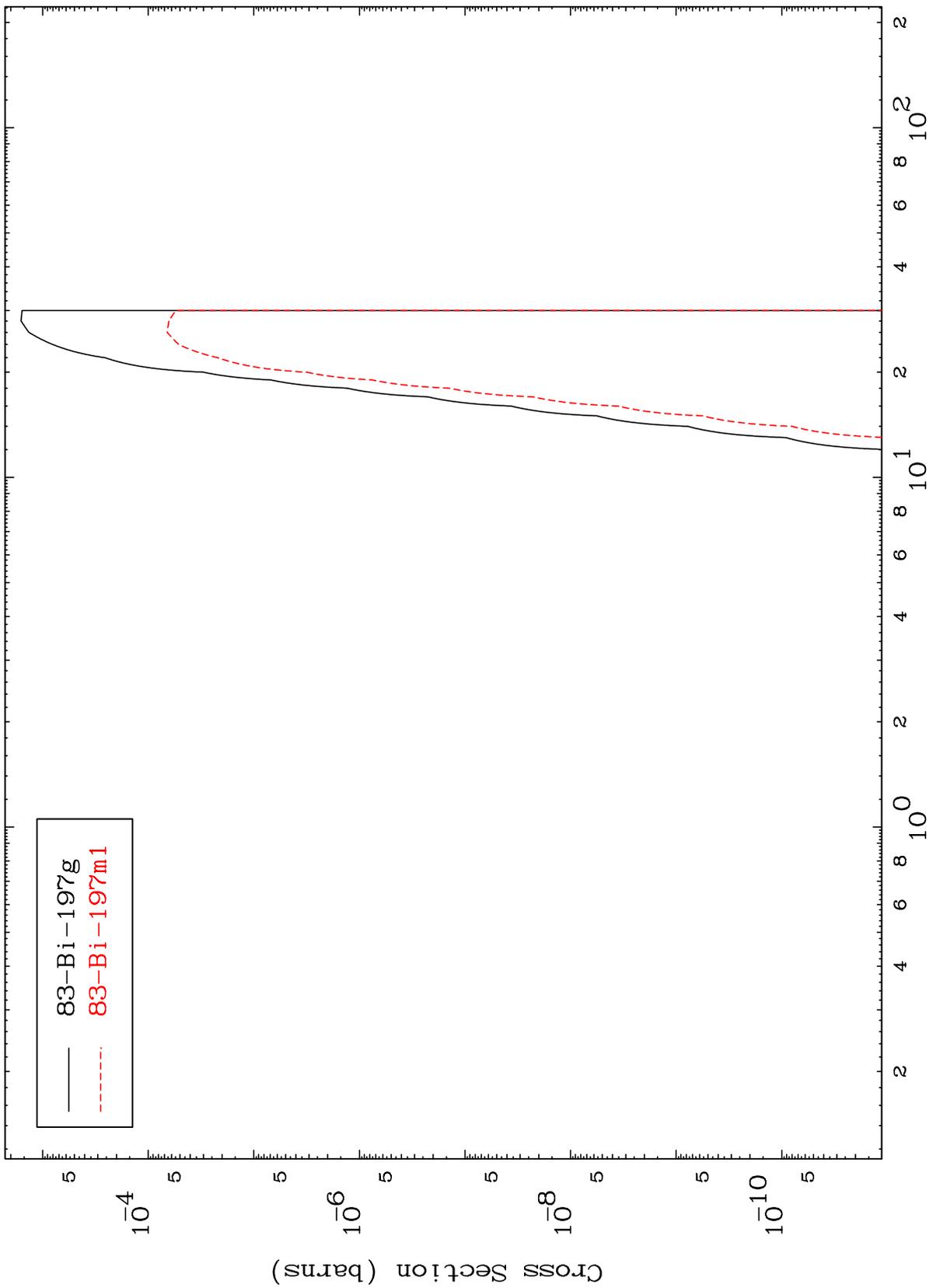


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$(n, n') \alpha$

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section

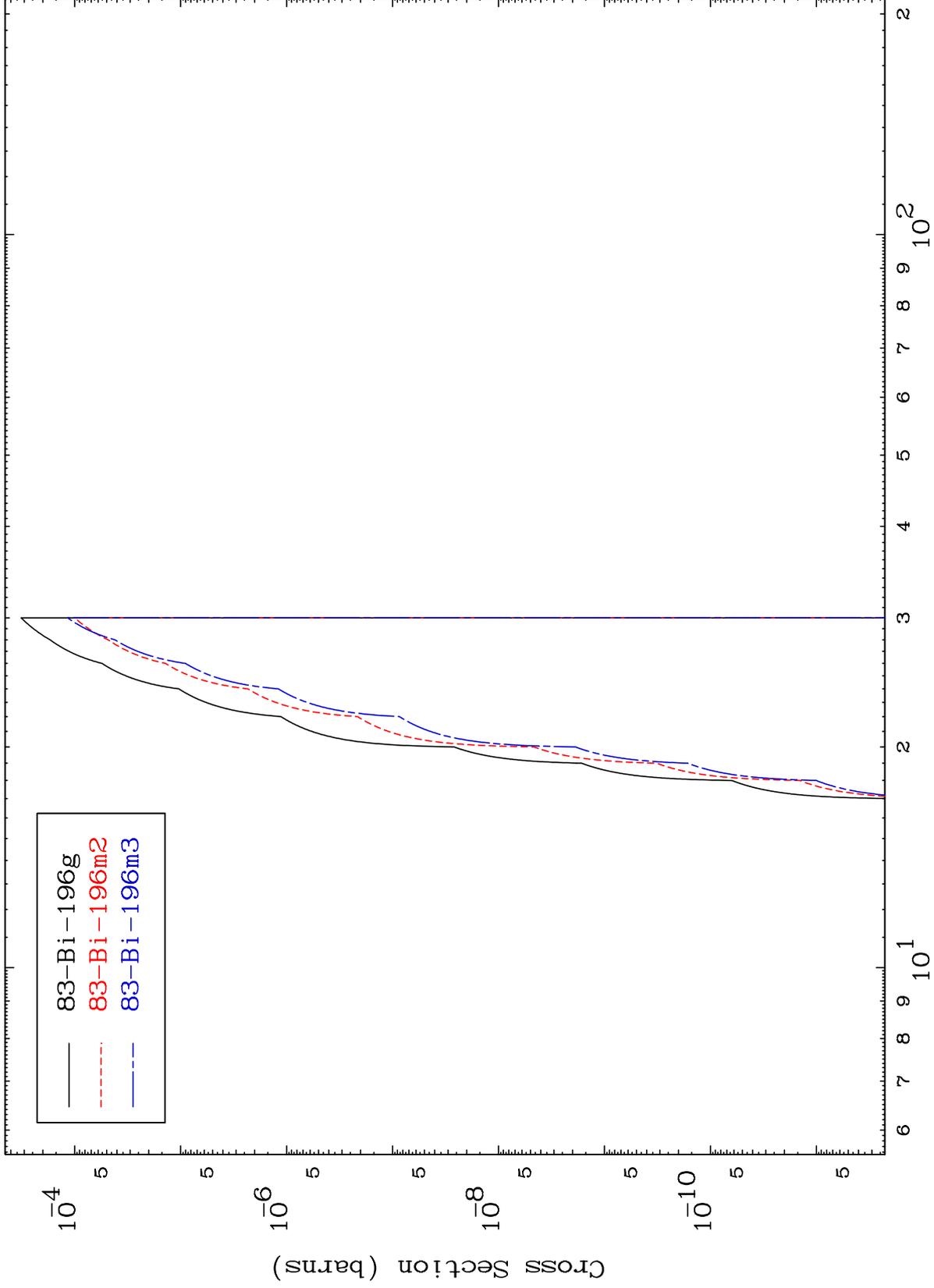


MAT 8296

83-Bi-199m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

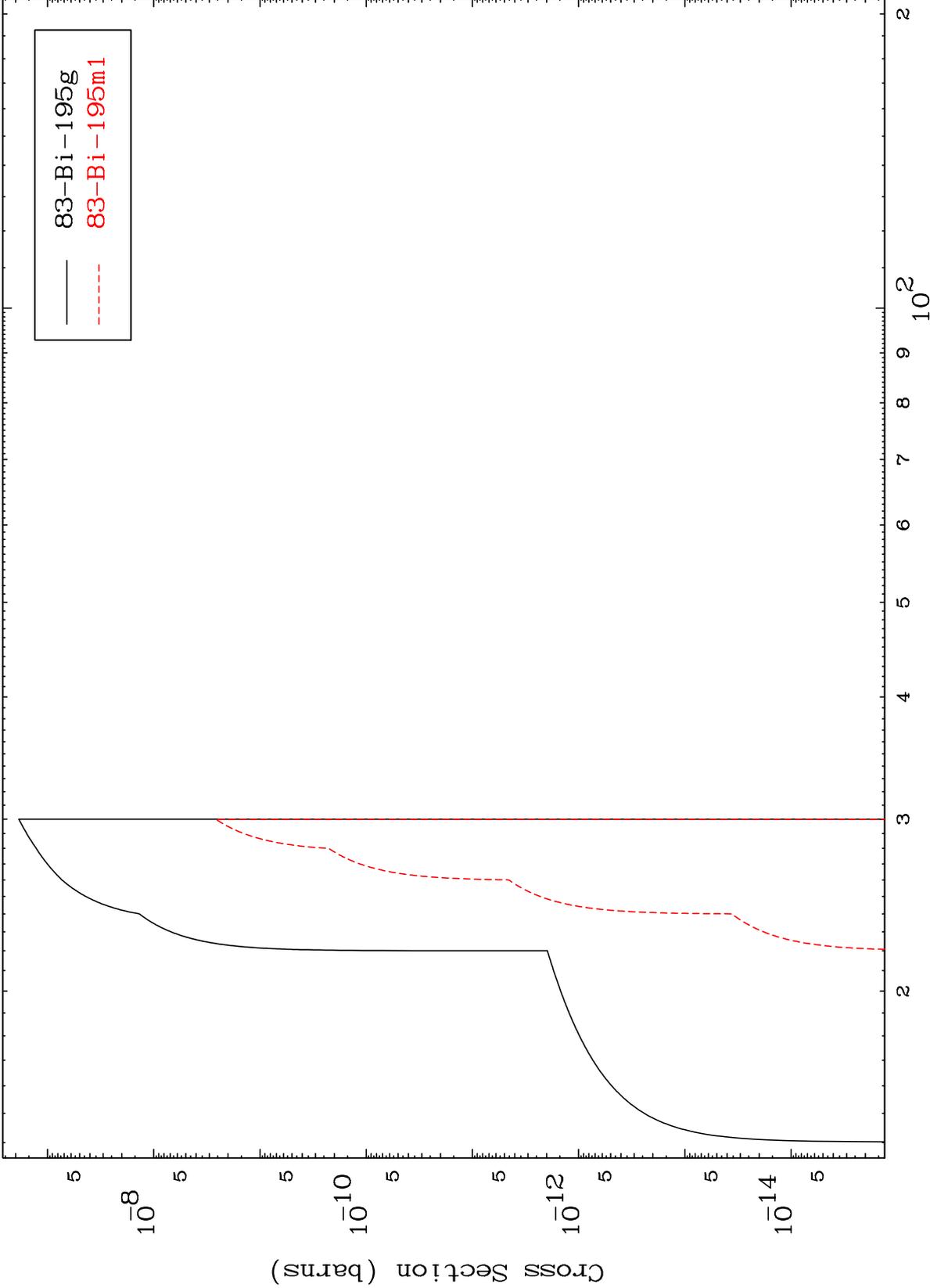
83-Bi-199m

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$(n,3n) \alpha$

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

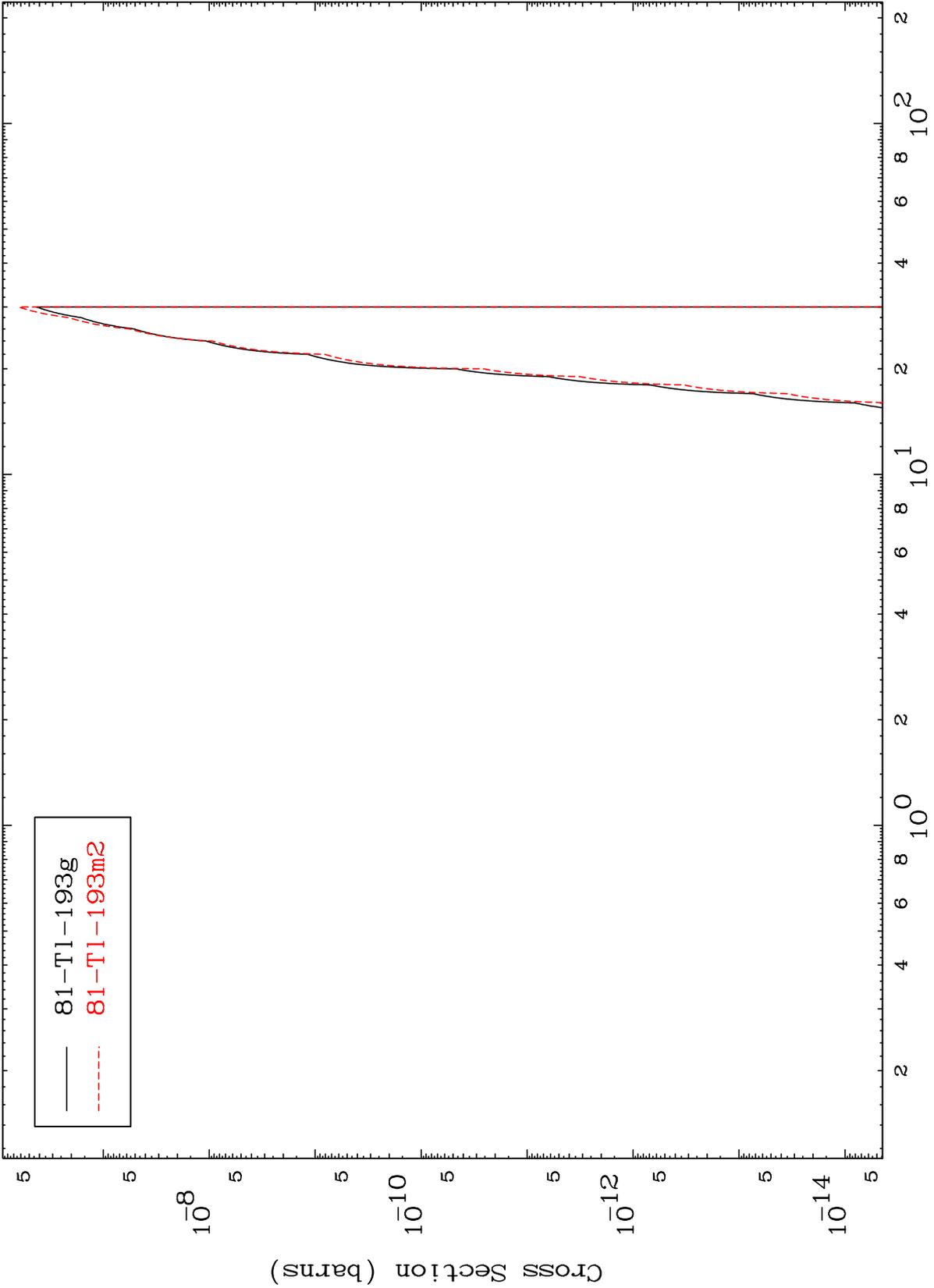
$^{83}\text{Bi}-199\text{m}$

MAT 8296

(n,n') 2α

83-Bi-199m

Radionuclide Production Cross Section

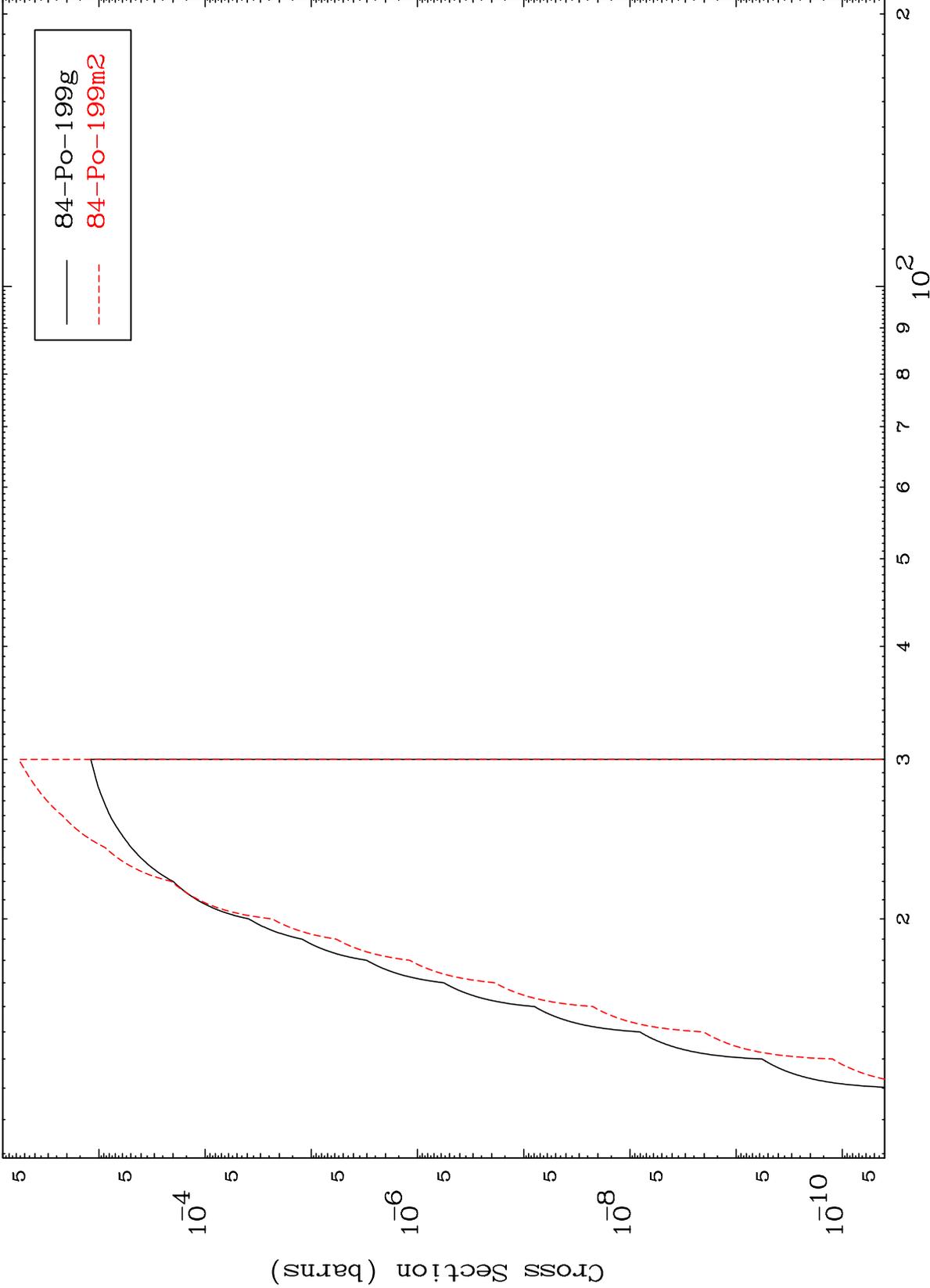


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(n,n') d

83-Bi-199m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

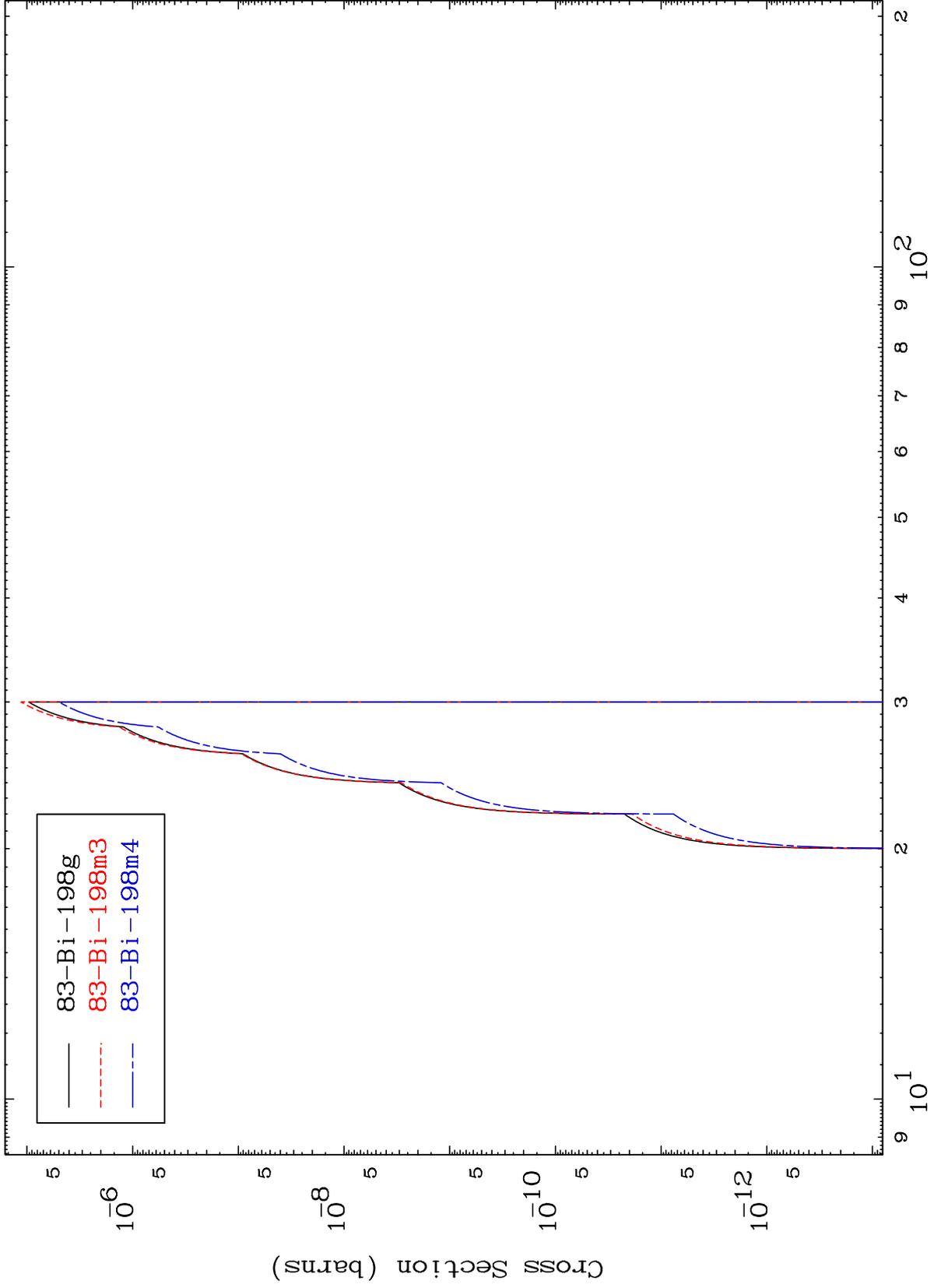
83-Bi-199m

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(n,n') He-3

83-Bi-199m

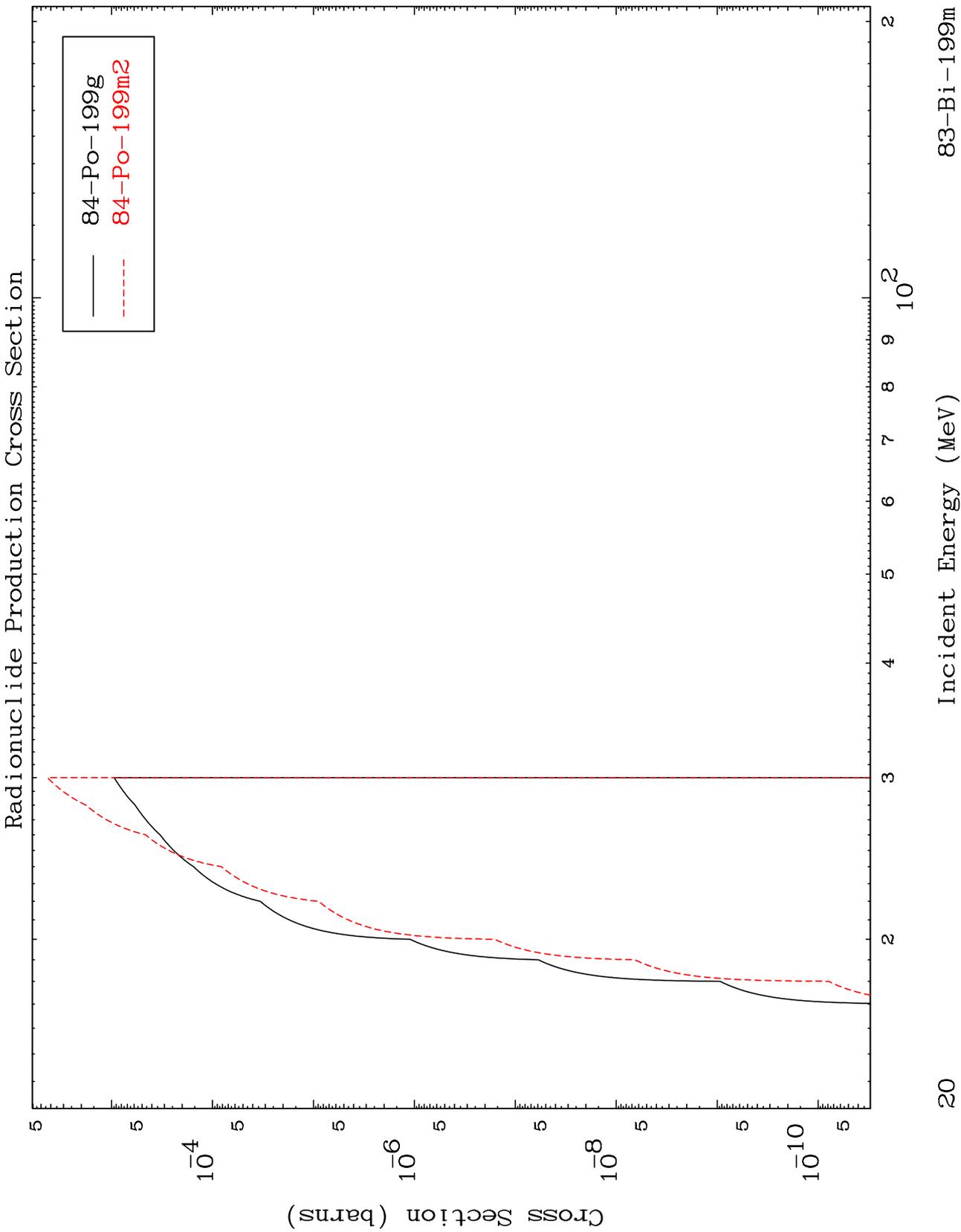
Radionuclide Production Cross Section



19

Incident Energy (MeV)

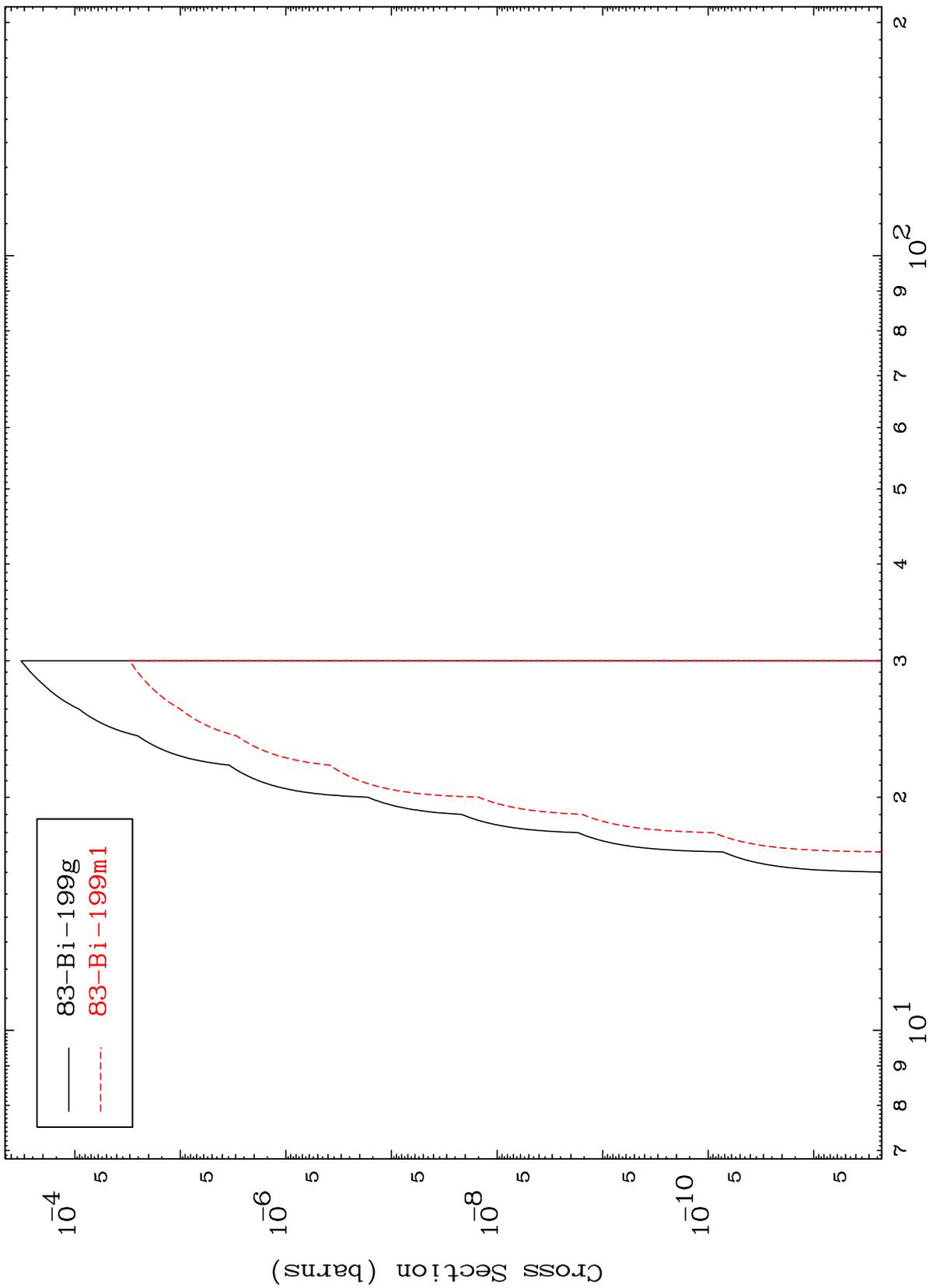
83-Bi-199m



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<sup>83</sup>Bi-199m

(n,2n) p  
Radionuclide Production Cross Section



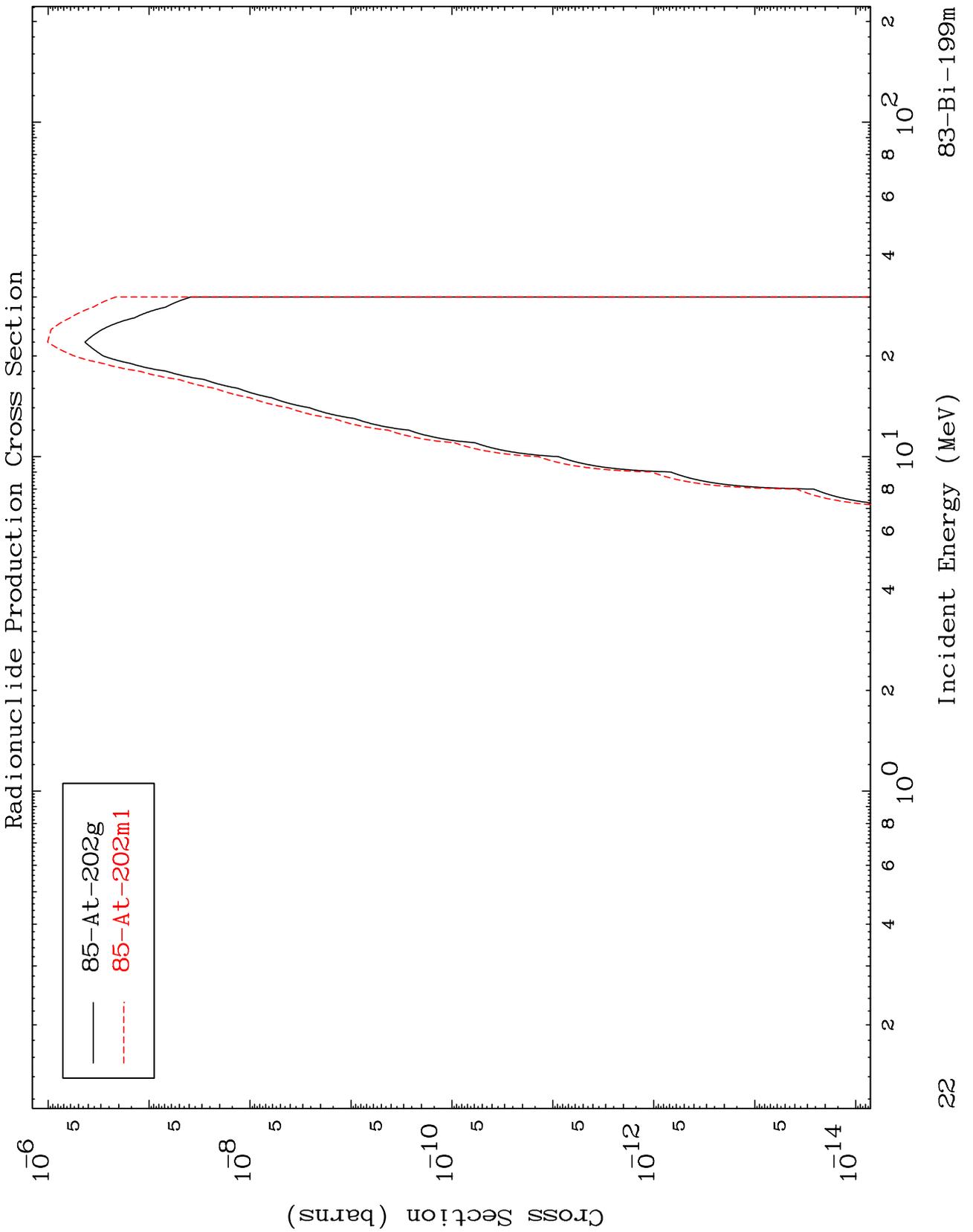
21

Incident Energy (MeV)

<sup>83</sup>Bi-199m

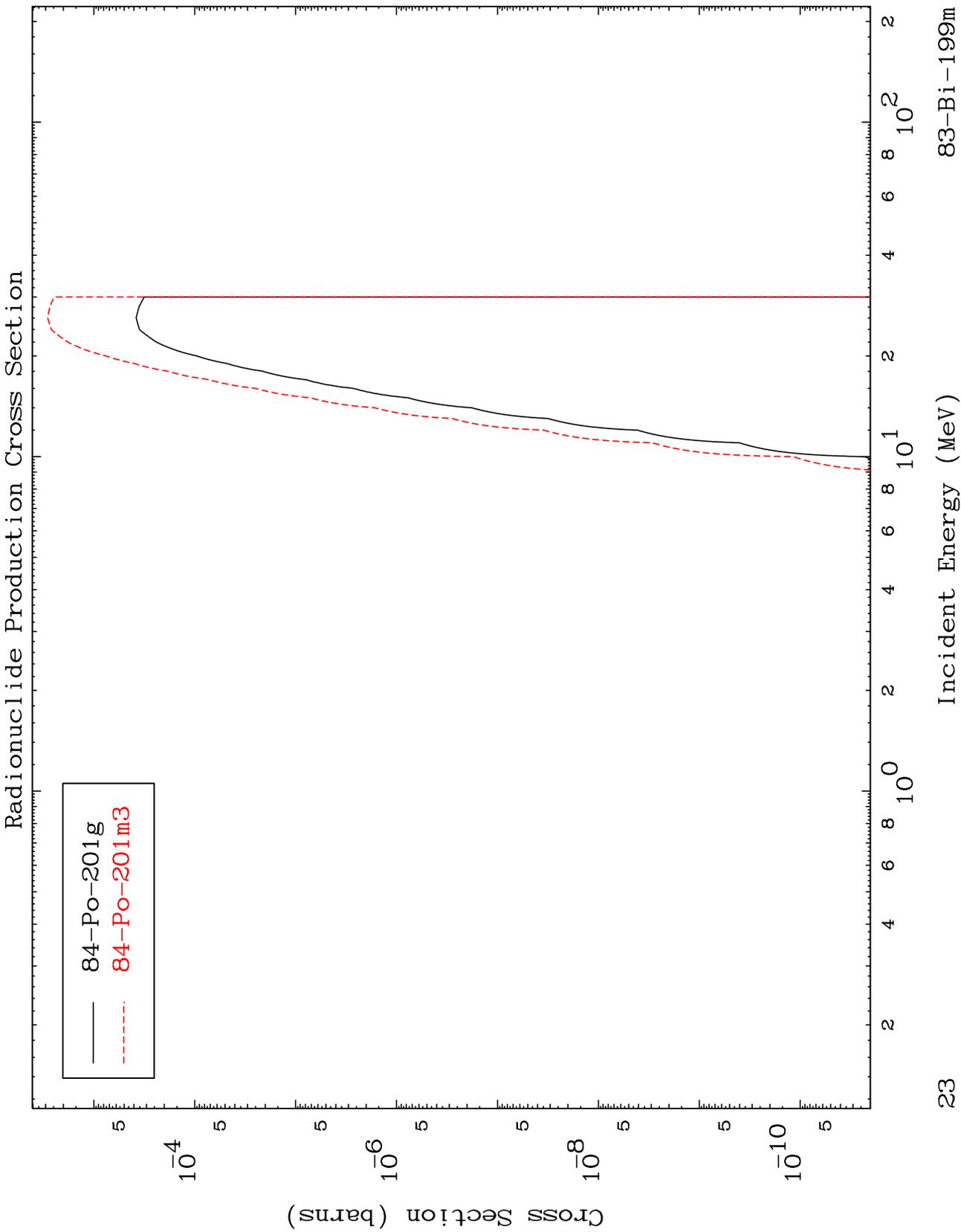
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$^{83}\text{Bi-199m}$



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<sup>83</sup>Bi-199m

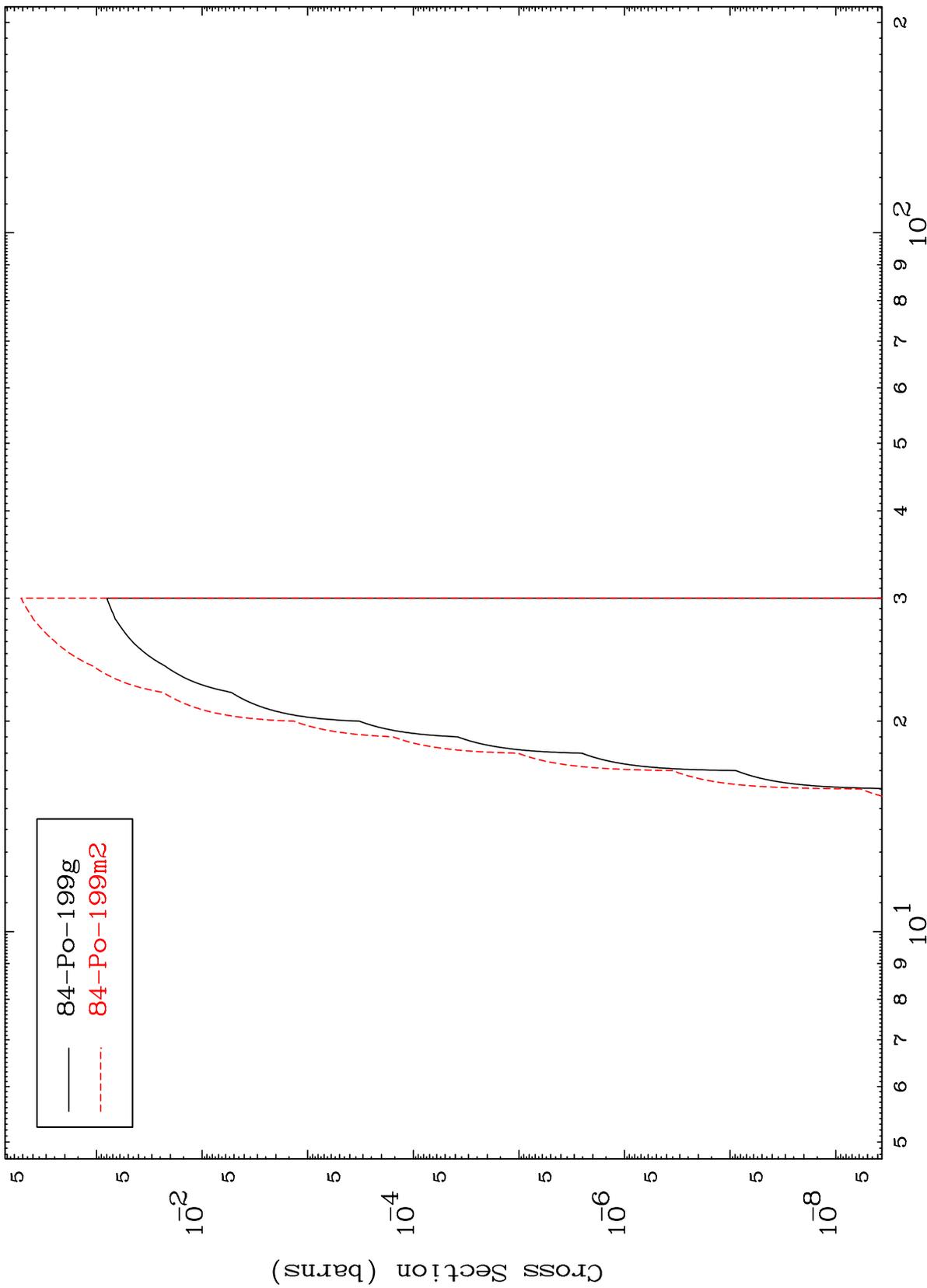


— 84-Po-201g  
- - - 84-Po-201m3

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83-Bi-199m

(n, t)  
Radionuclide Production Cross Section



84-Po-199g  
84-Po-199m2

83-Bi-199m

Incident Energy (MeV)

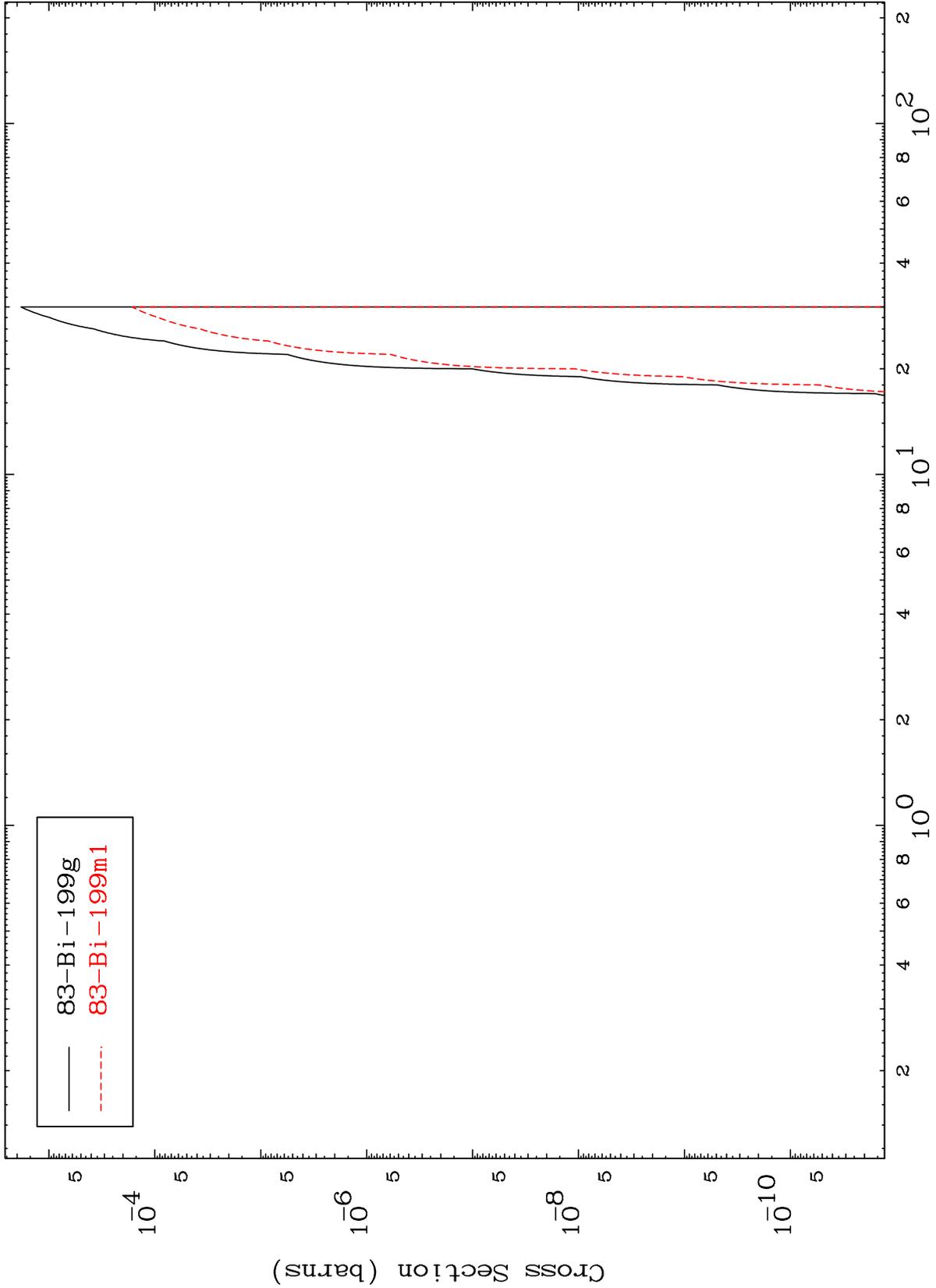
24

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(n,He-3)

83-Bi-199m

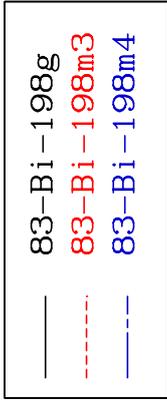
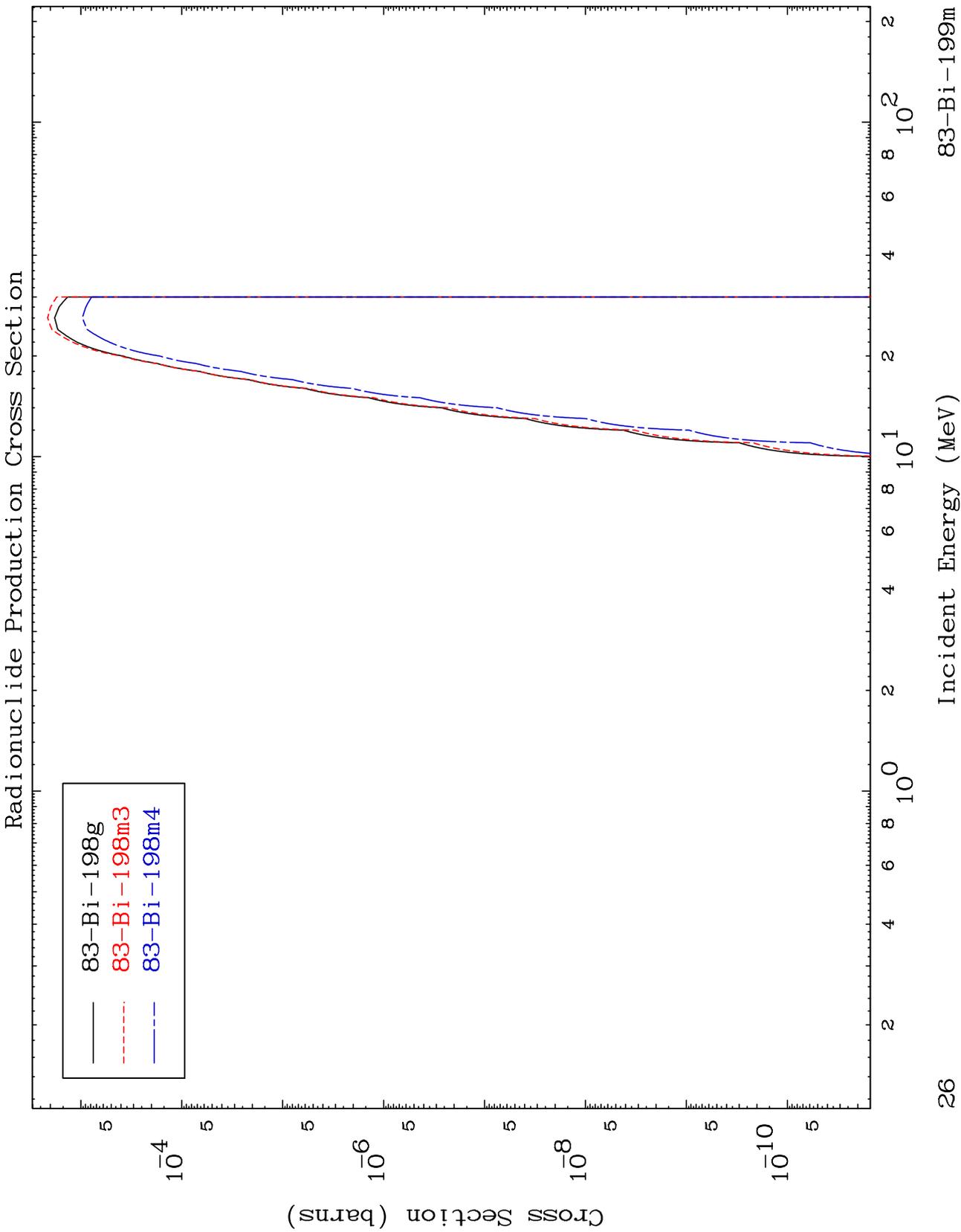
Radionuclide Production Cross Section



83-Bi-199g  
83-Bi-199m1

MAT 8296

<sup>83</sup>Bi-199m

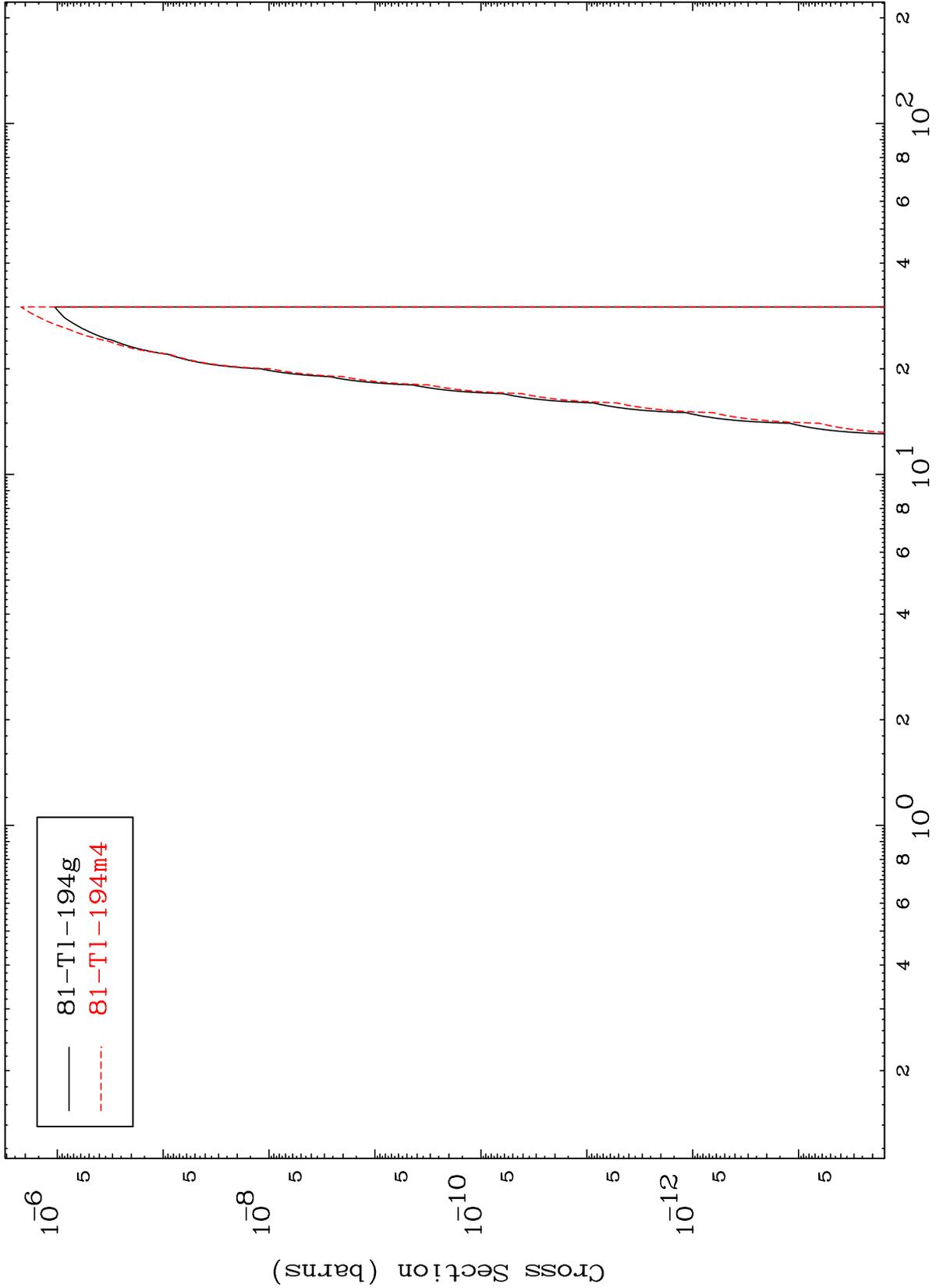


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(n,2α)

83-Bi-199m

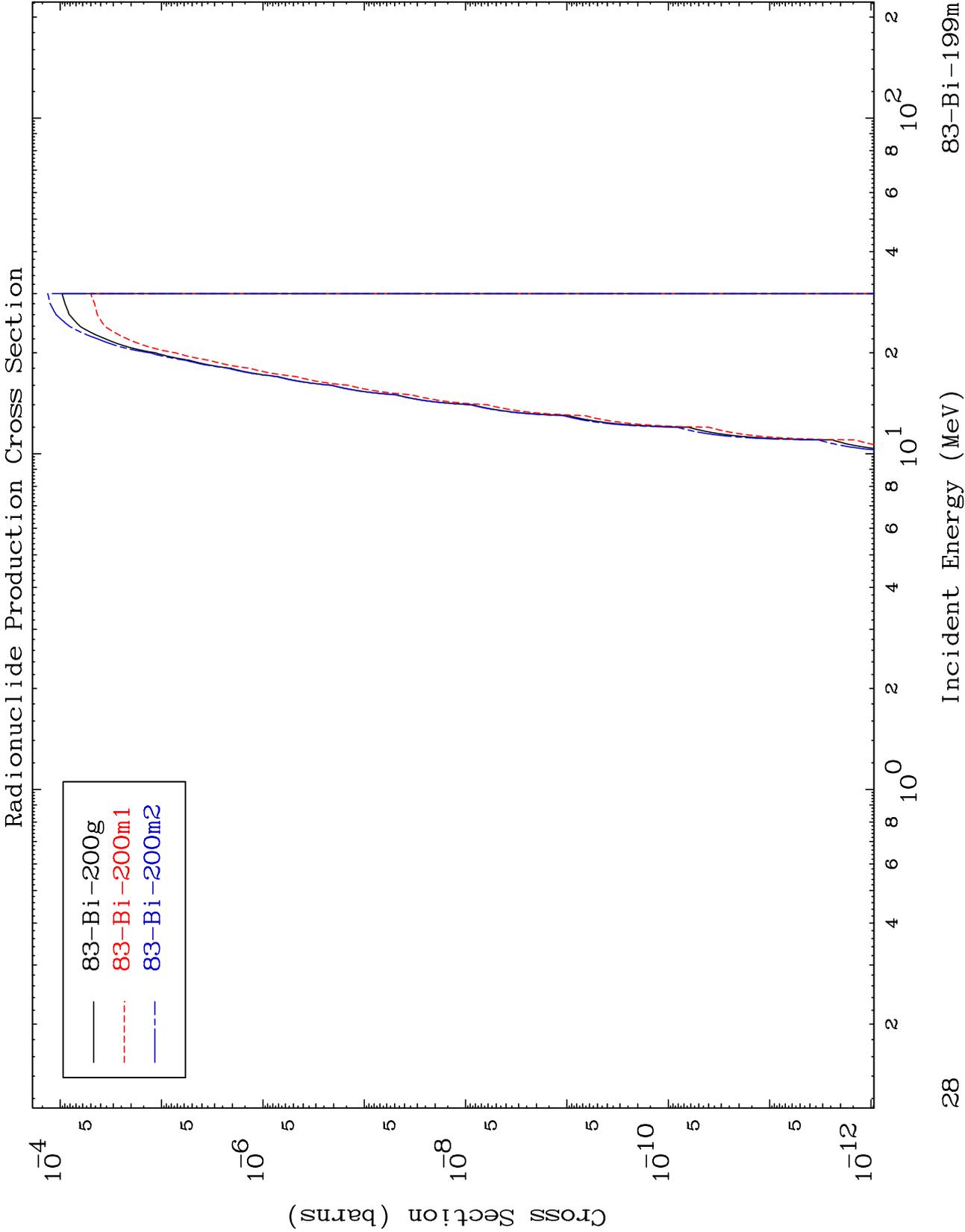
Radionuclide Production Cross Section



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(n,2p)

<sup>83</sup>Bi-199m

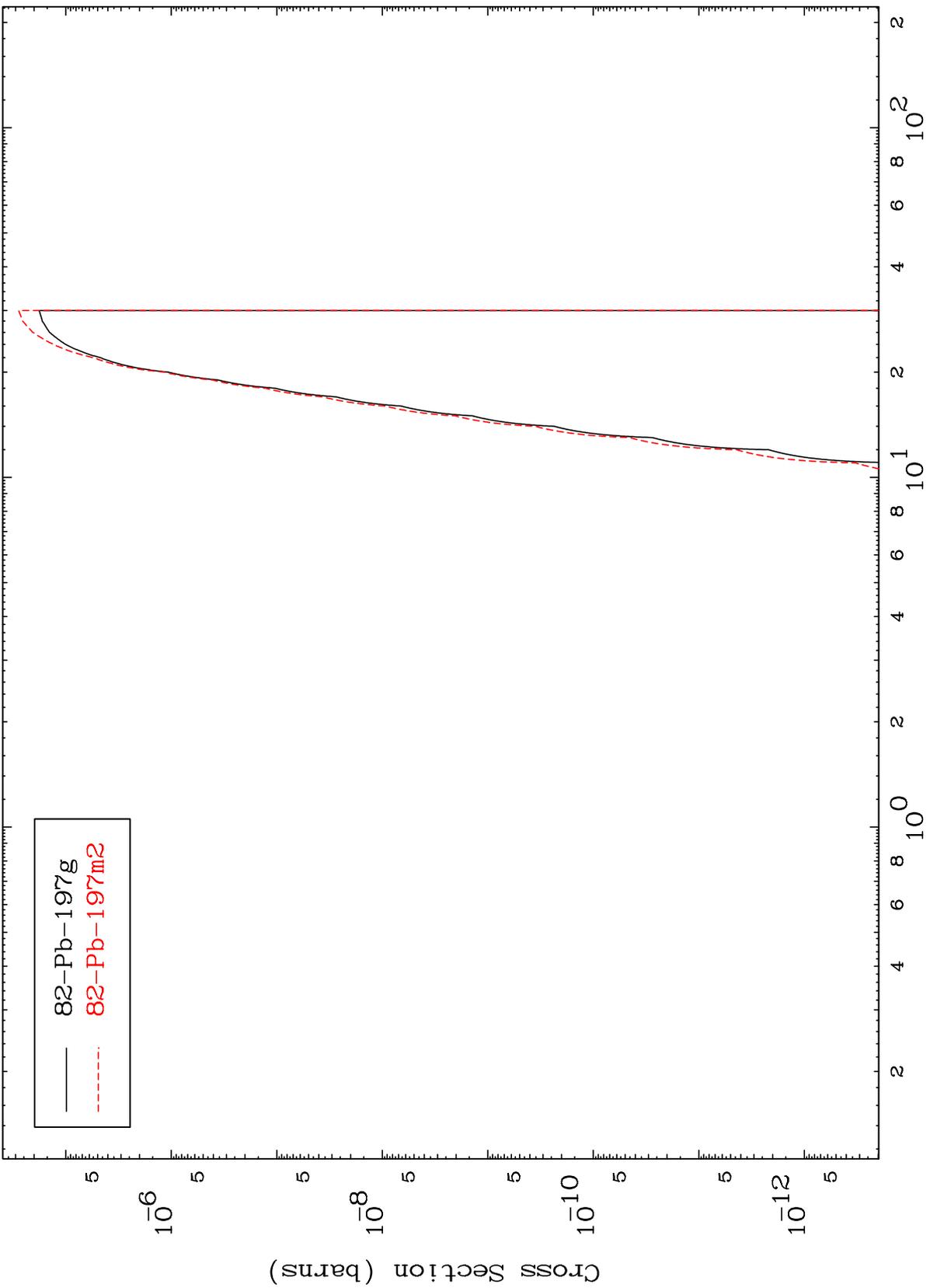


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(n,p)  $\alpha$

$^{83}\text{Bi}-199\text{m}$

Radionuclide Production Cross Section

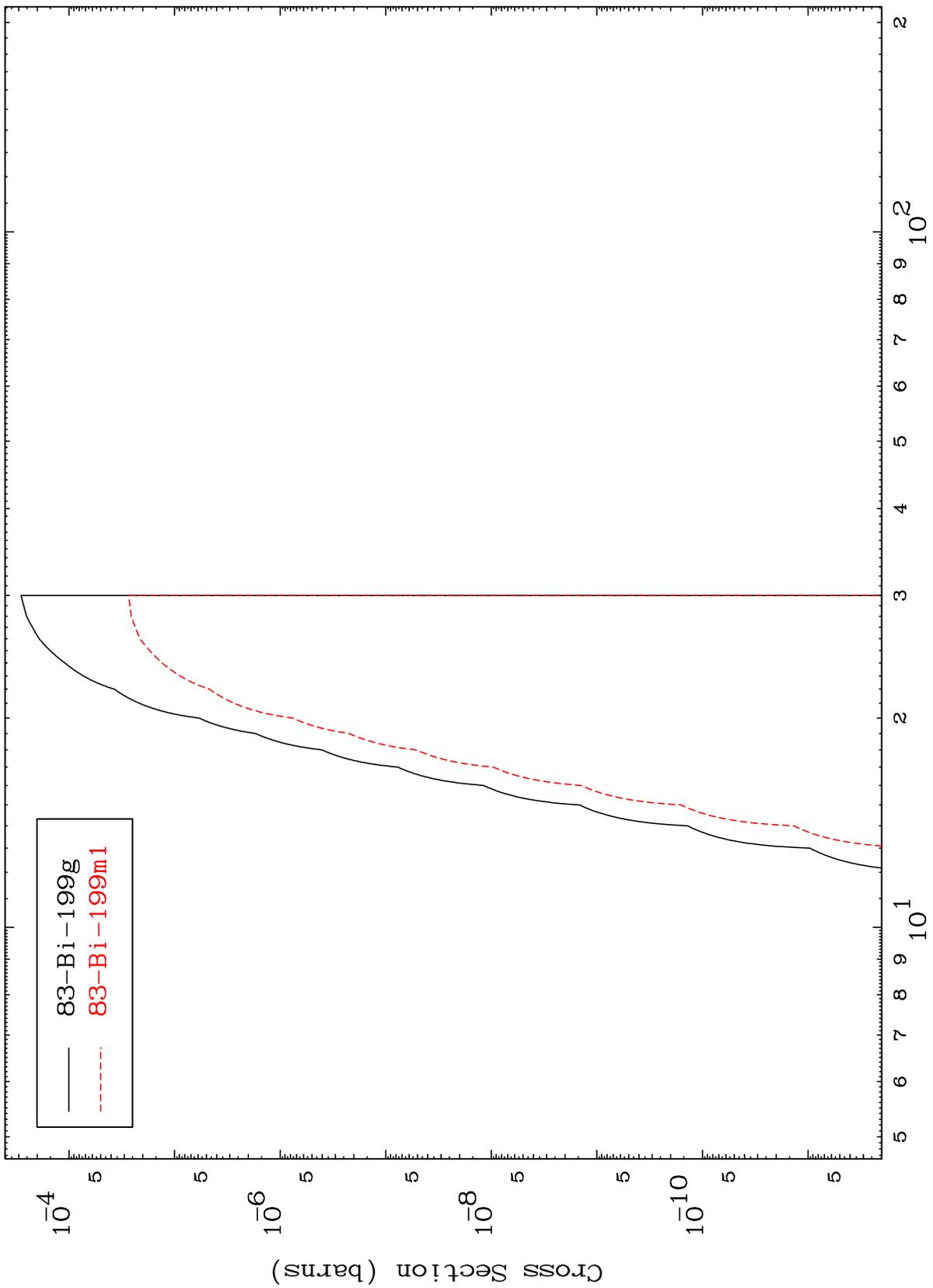


MAT 8296

(n,p) d

83-Bi-199m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

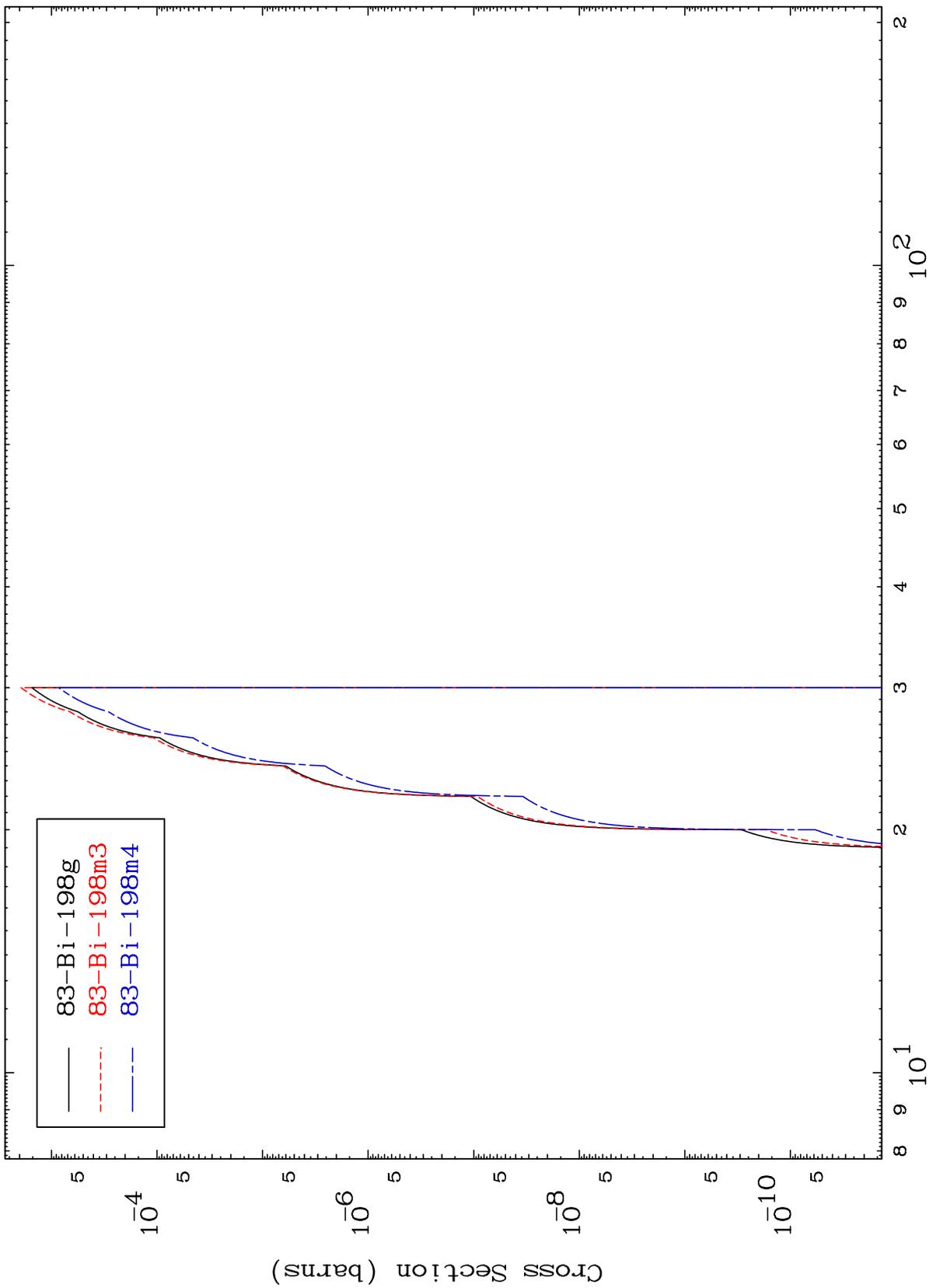
83-Bi-199m

MAT 8296

(n,p) t

<sup>83</sup>Bi-199m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

<sup>83</sup>Bi-199m