

Program EVALPLOT  
(Version 2021-1)

by

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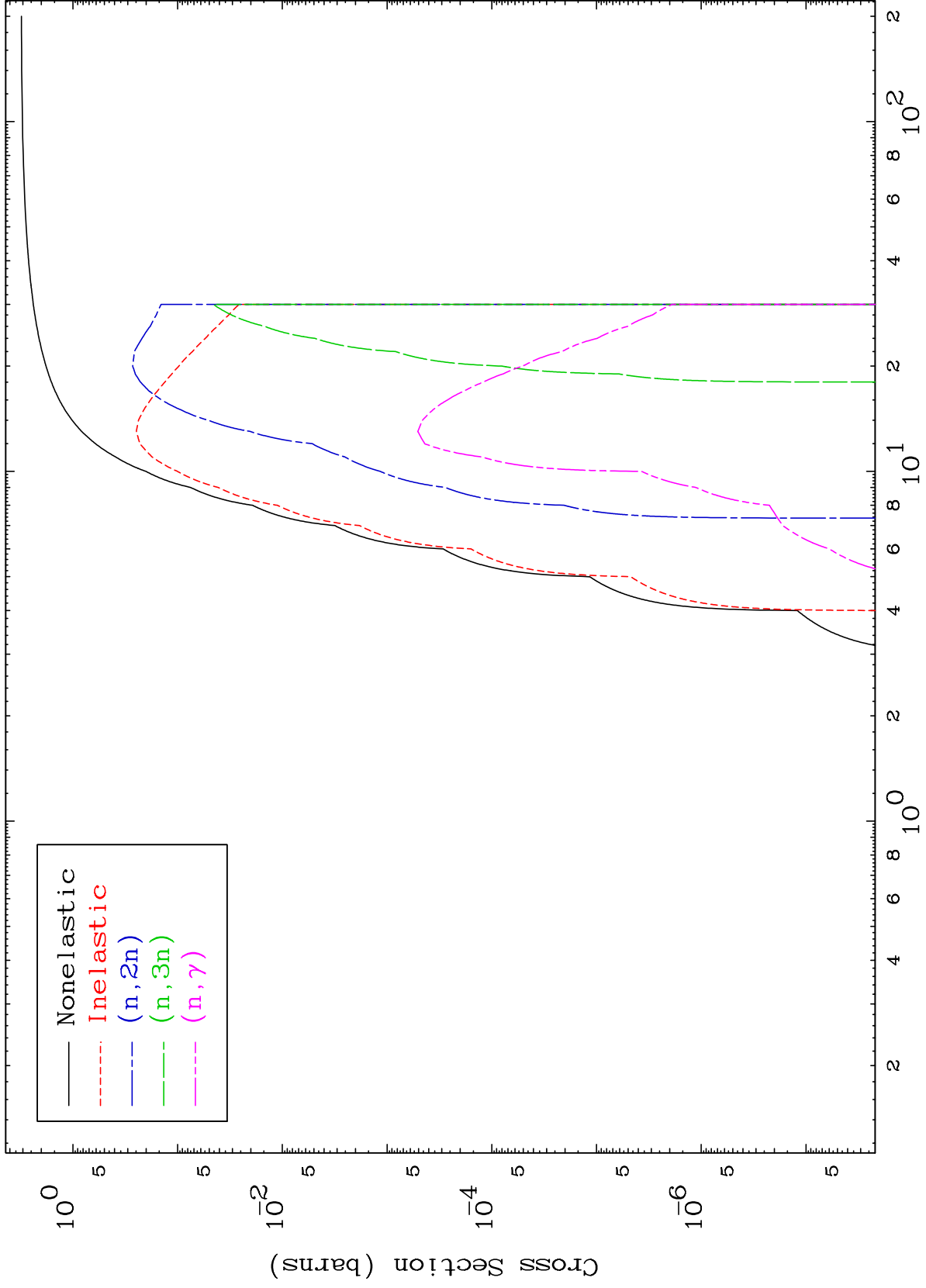
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Press Mouse Button to Start

MAT 8287

Deuteron Major  
0 Kelvin Cross Sections

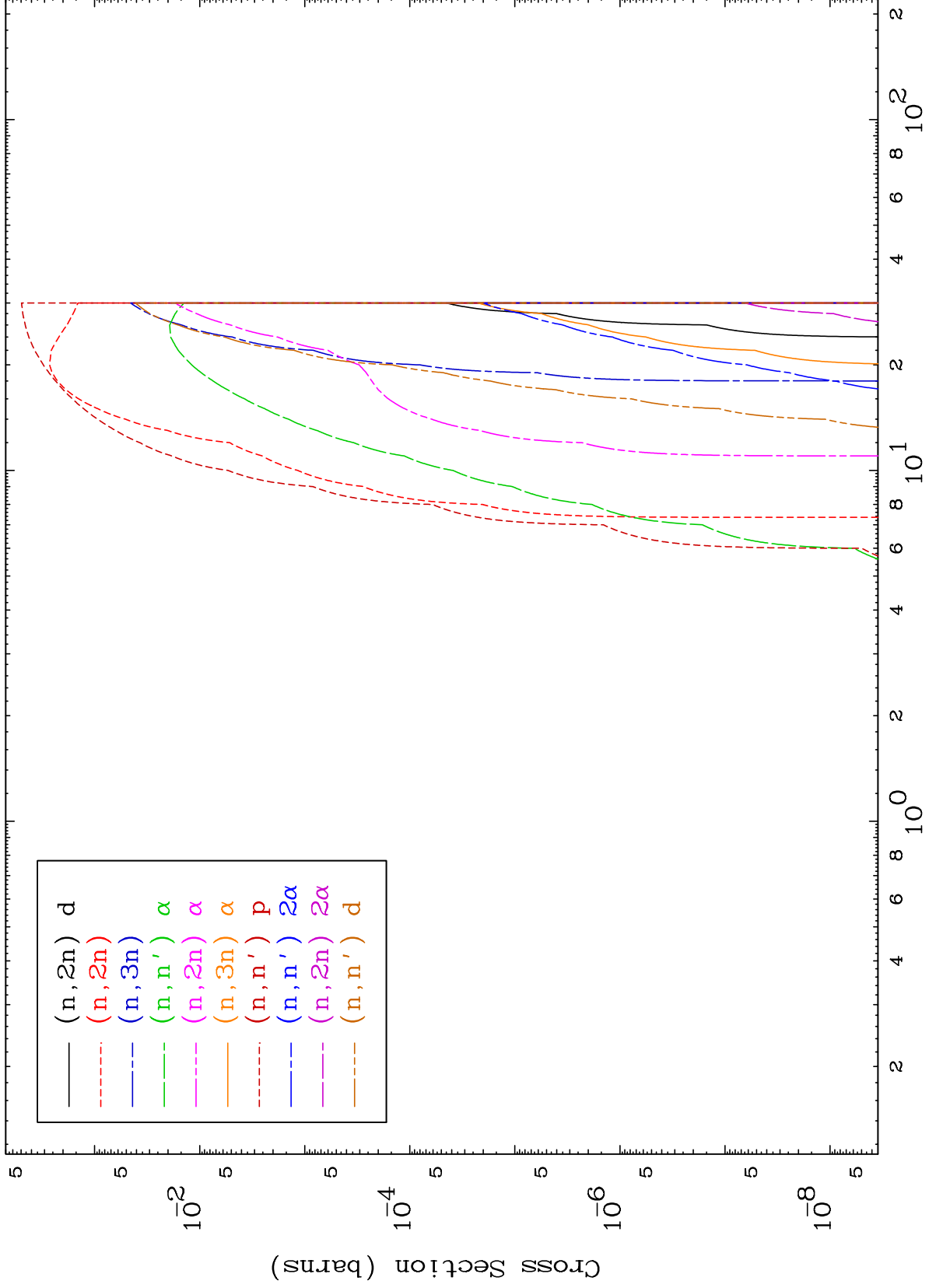
83-Bi-196m

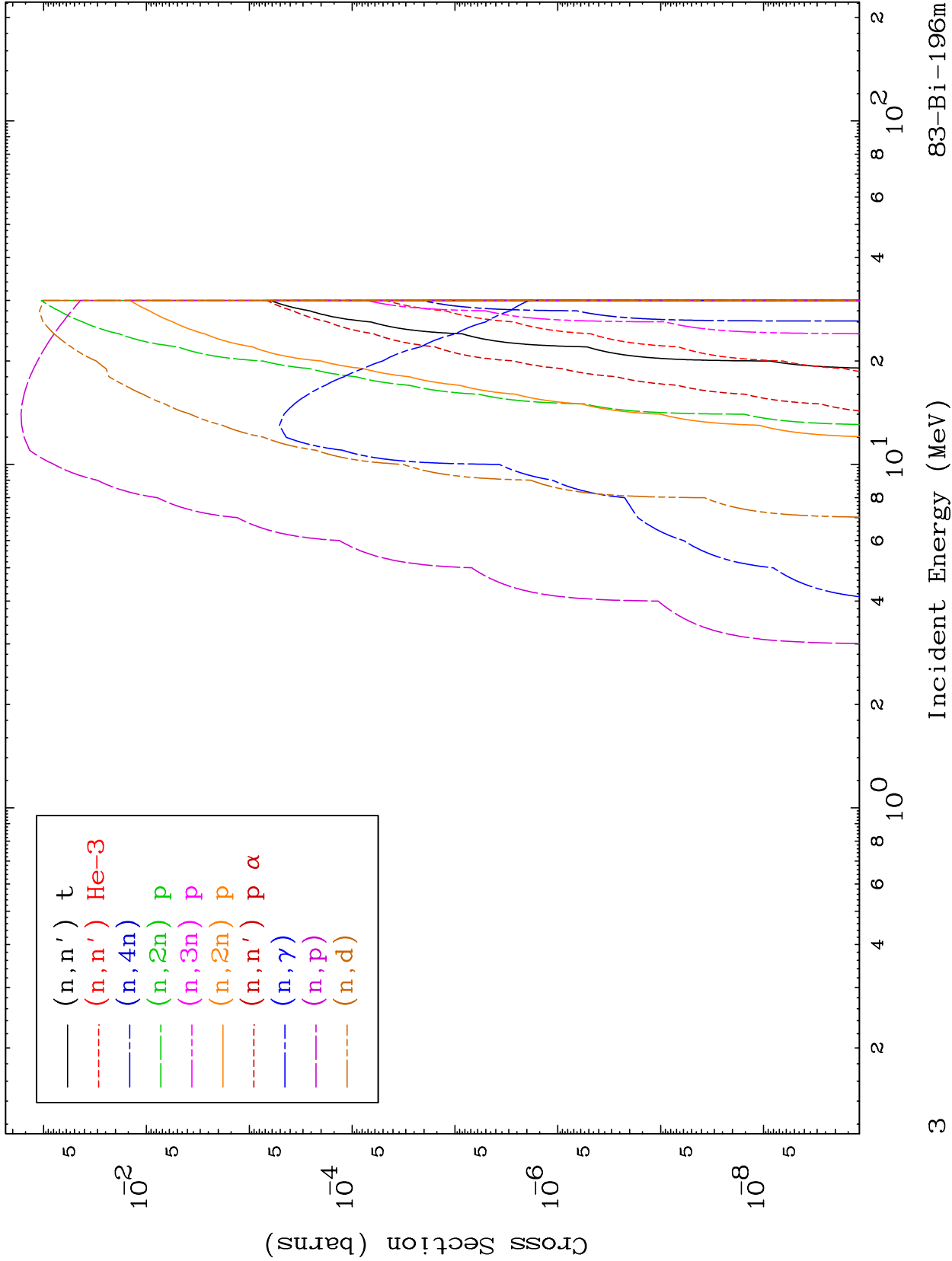


MAT 8287

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-196m

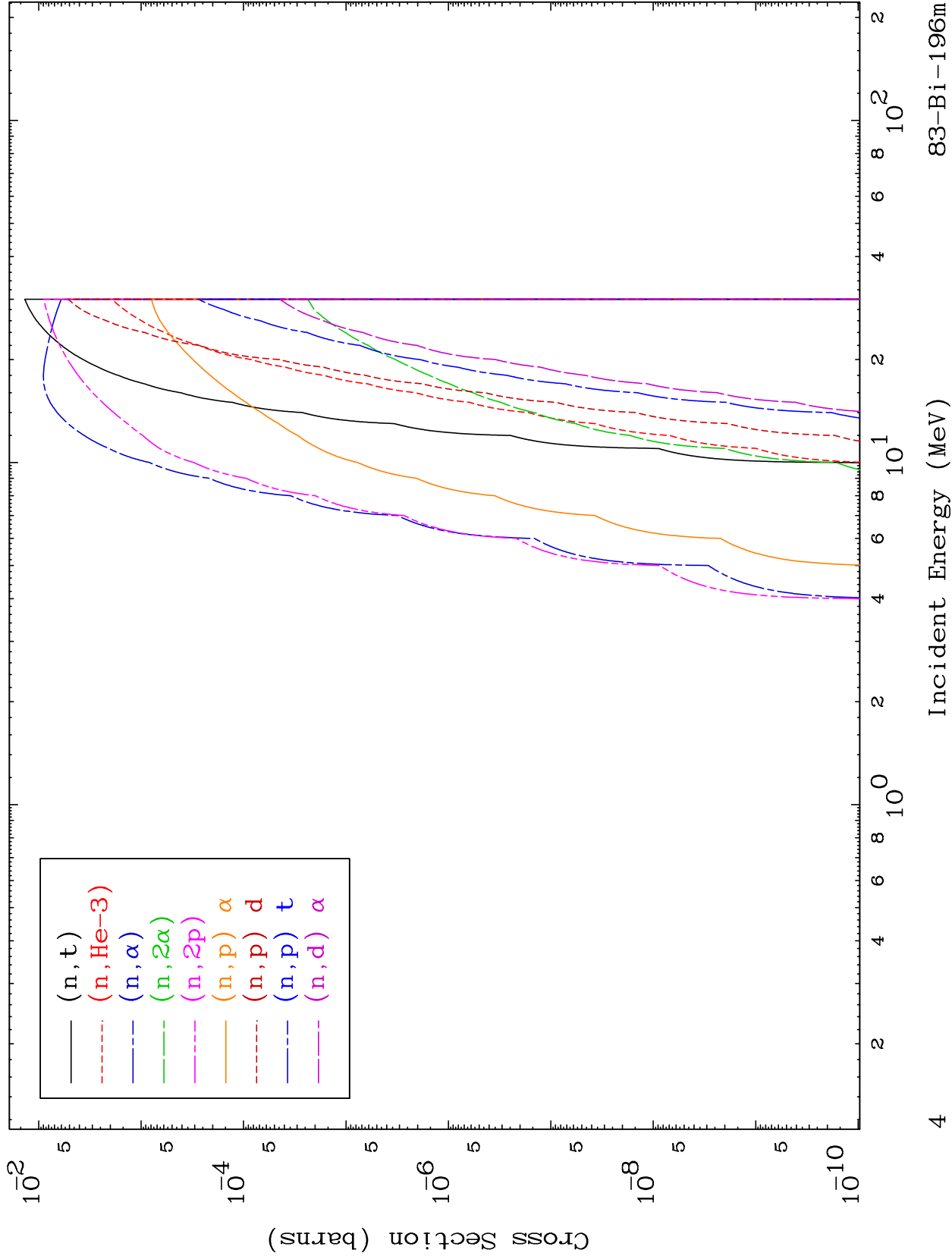


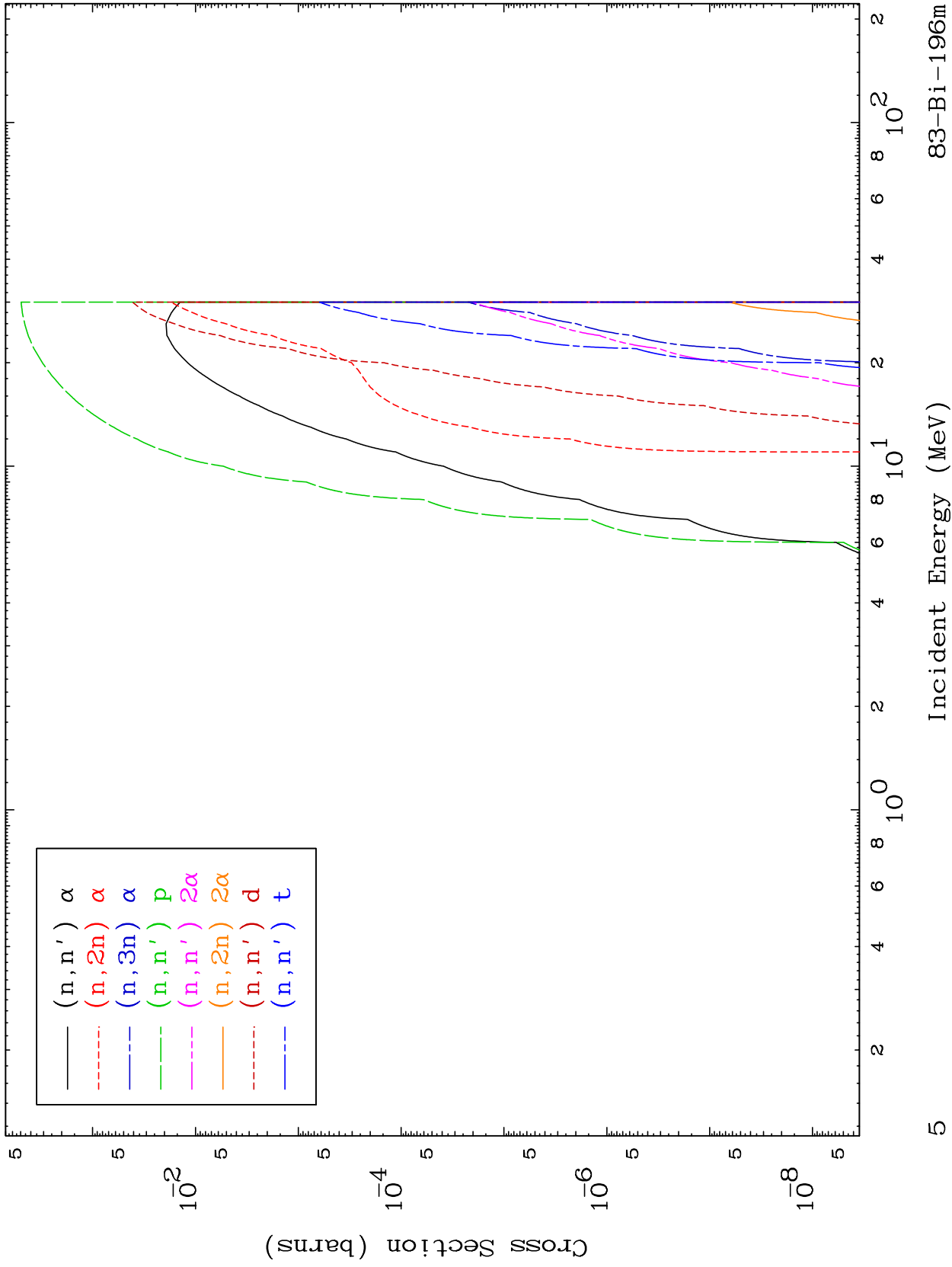


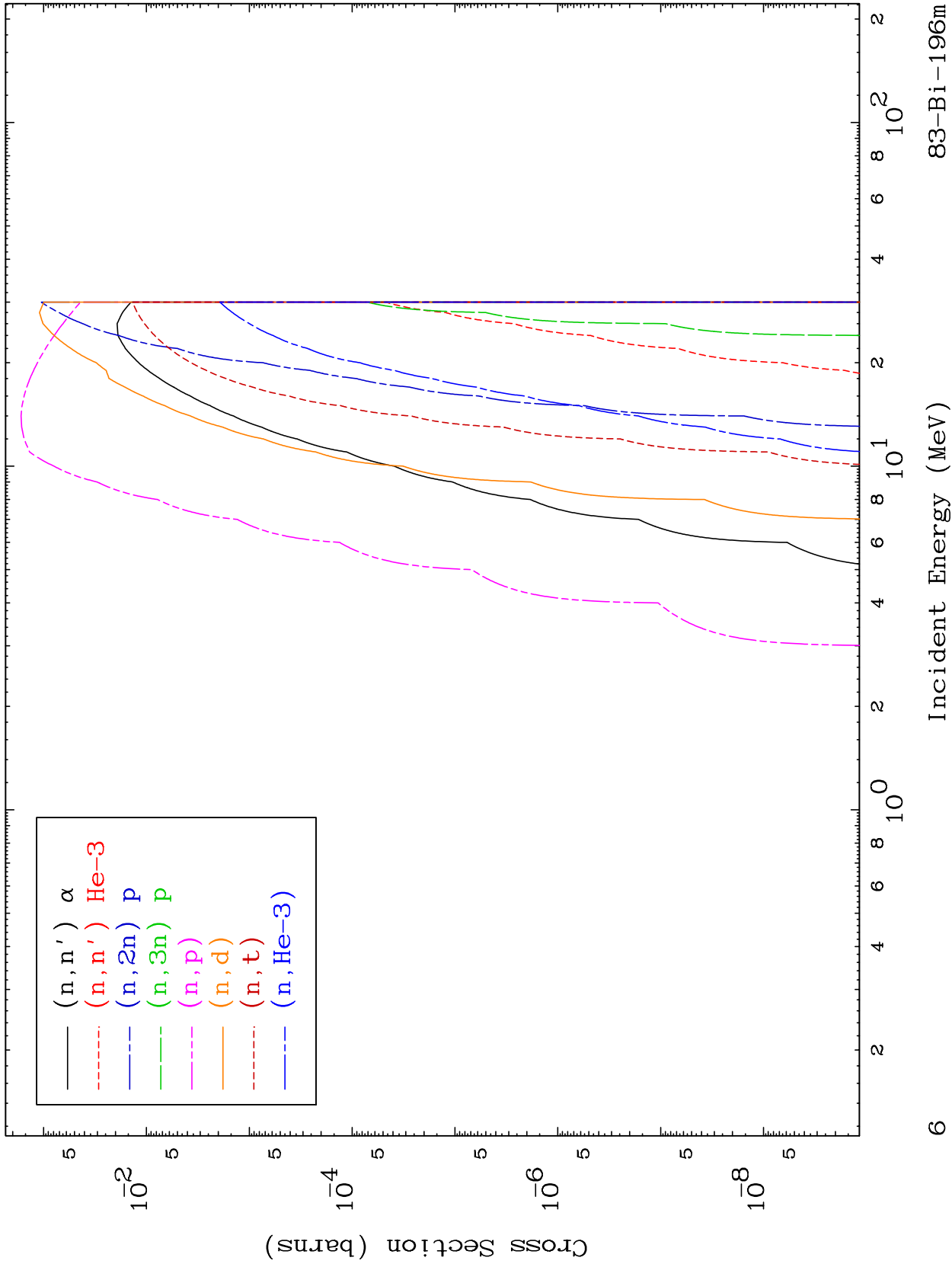
MAT 8287

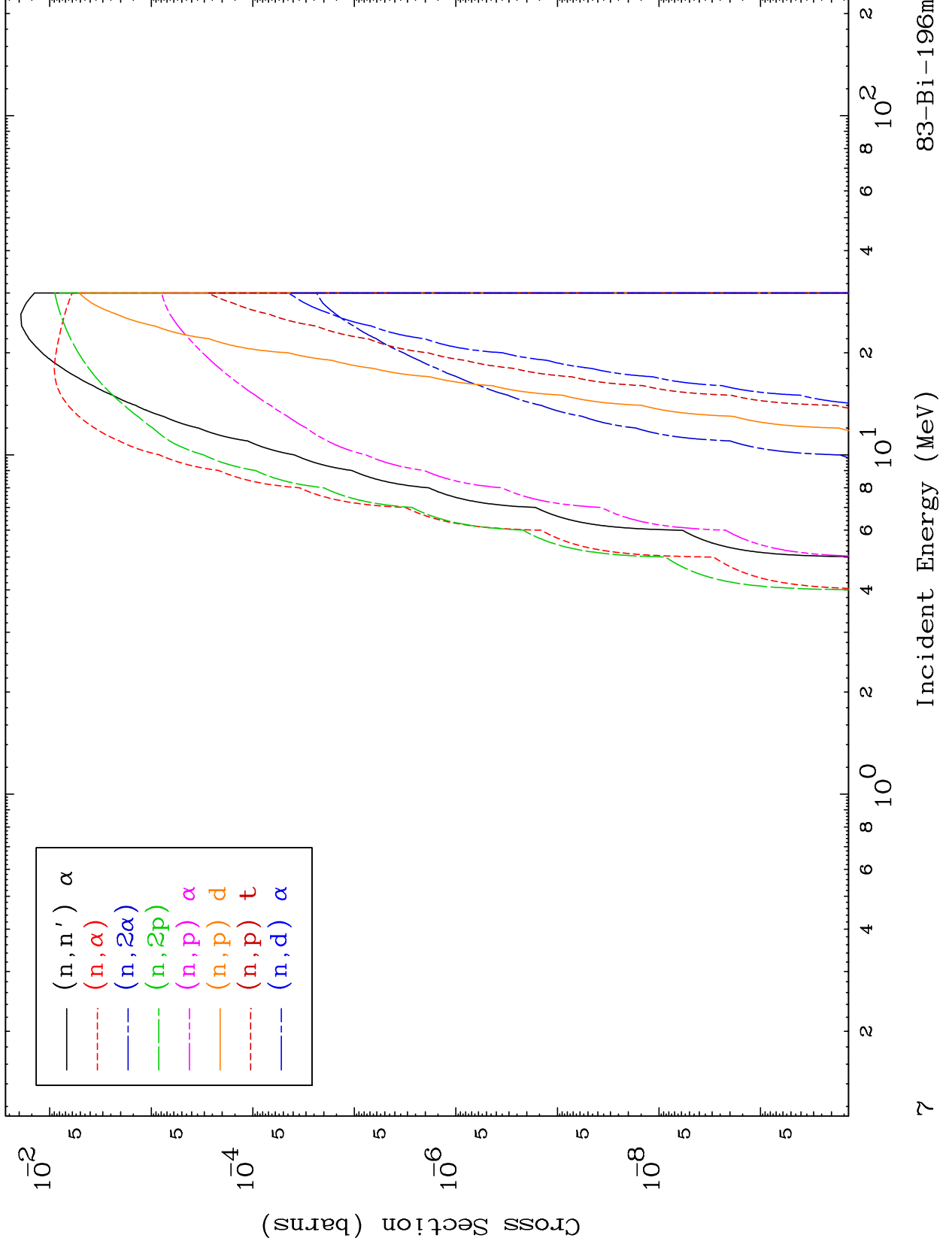
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-196m







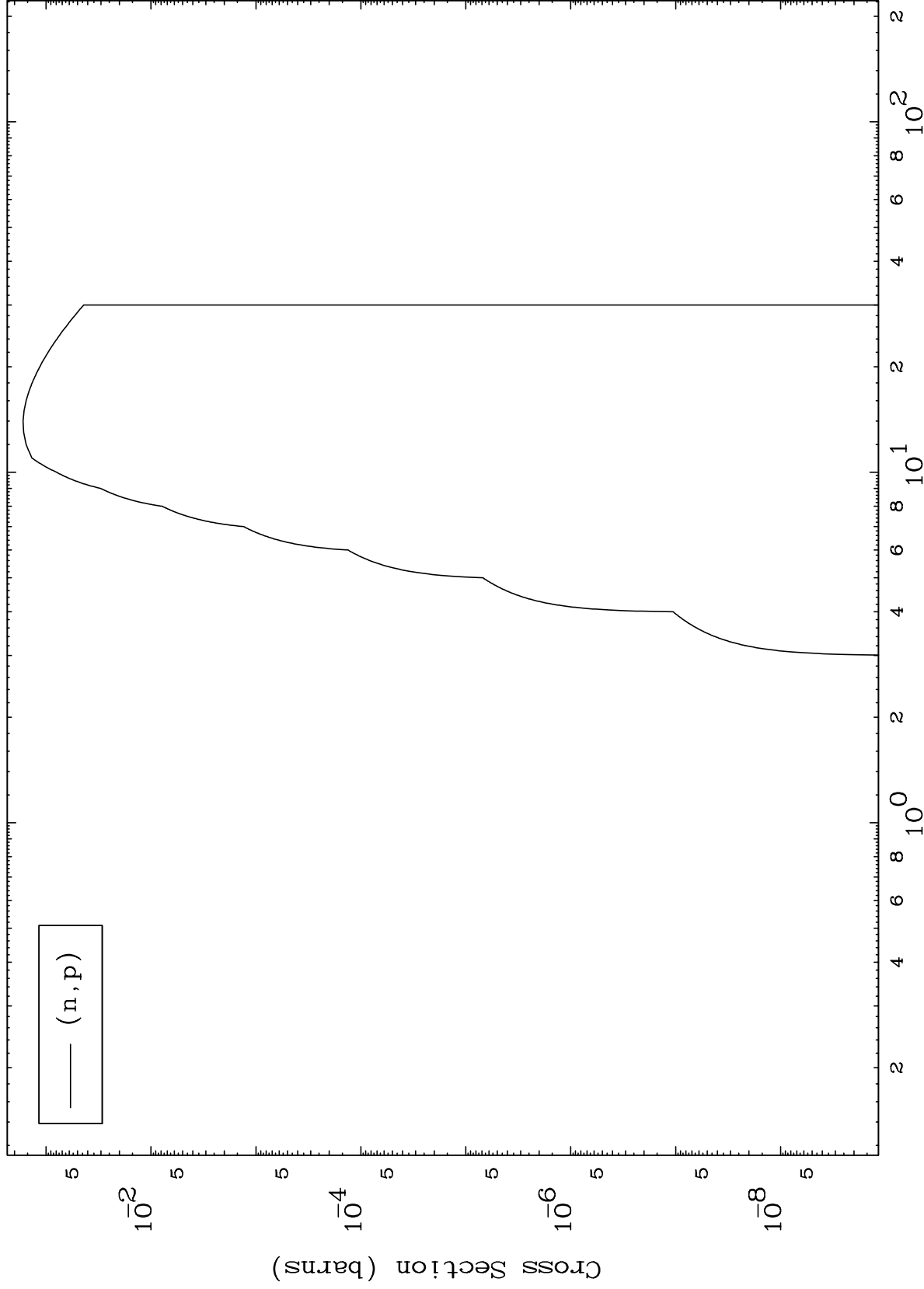


MAT 8287

(d,p) Levels

83-Bi-196m

0 Kelvin Cross Sections



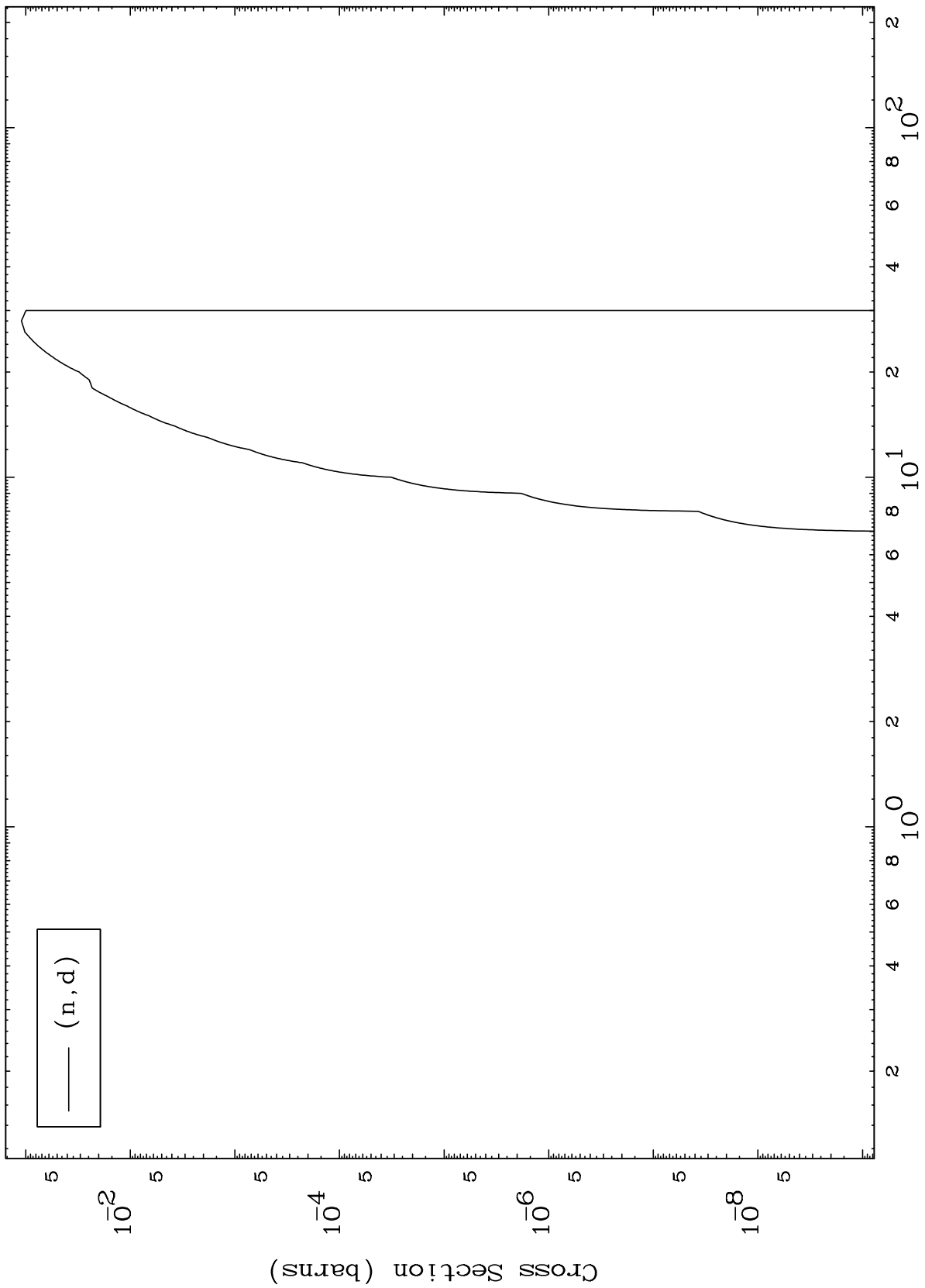
(n,p)

MAT 8287

(d,d) Levels

83-Bi-196m

0 Kelvin Cross Sections

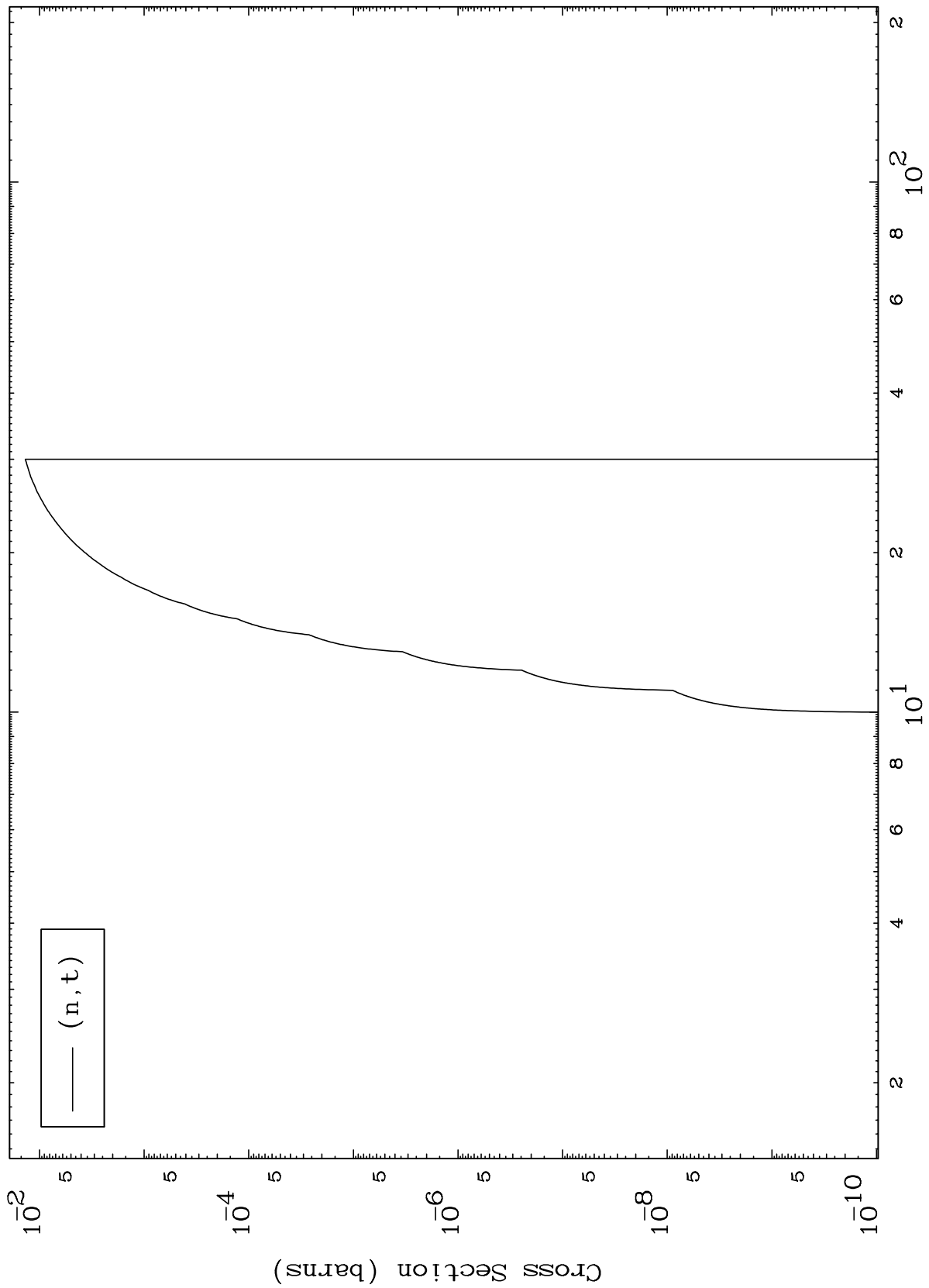


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(d,t) Levels

83-Bi-196m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

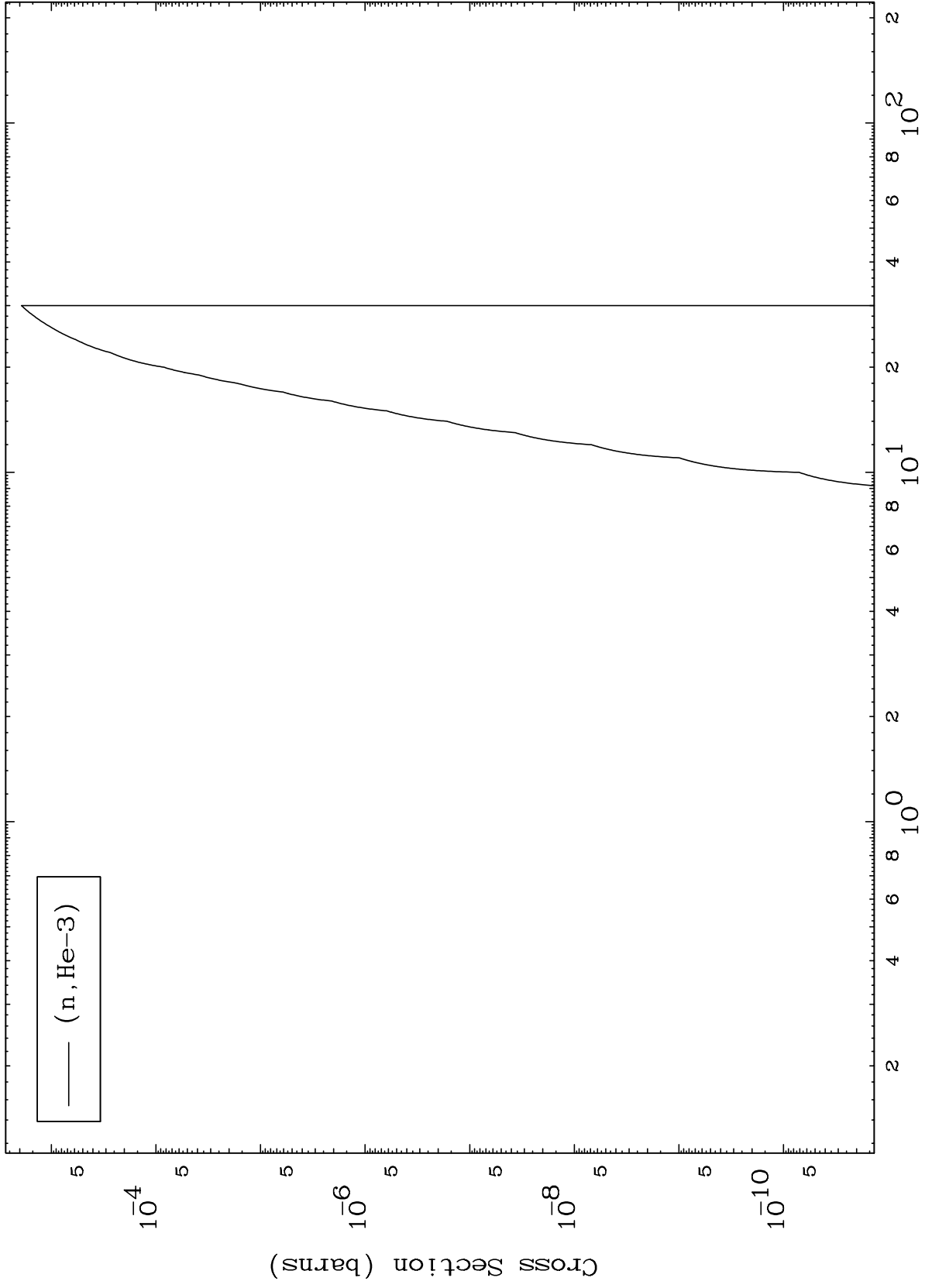
83-Bi-196m

MAT 8287

(d,He3) Levels

83-Bi-196m

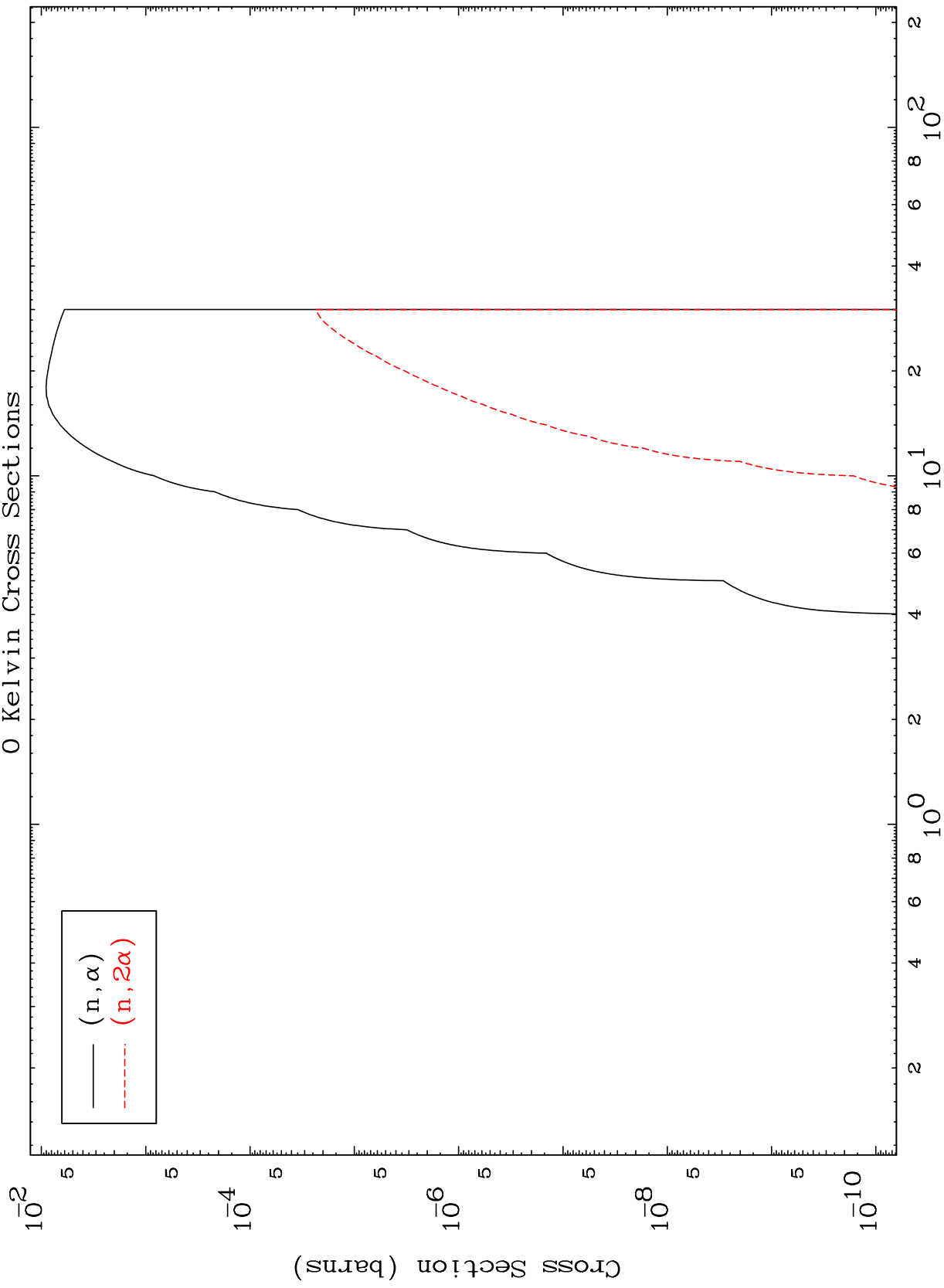
0 Kelvin Cross Sections



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$^{83}\text{Bi}-196\text{m}$

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



12

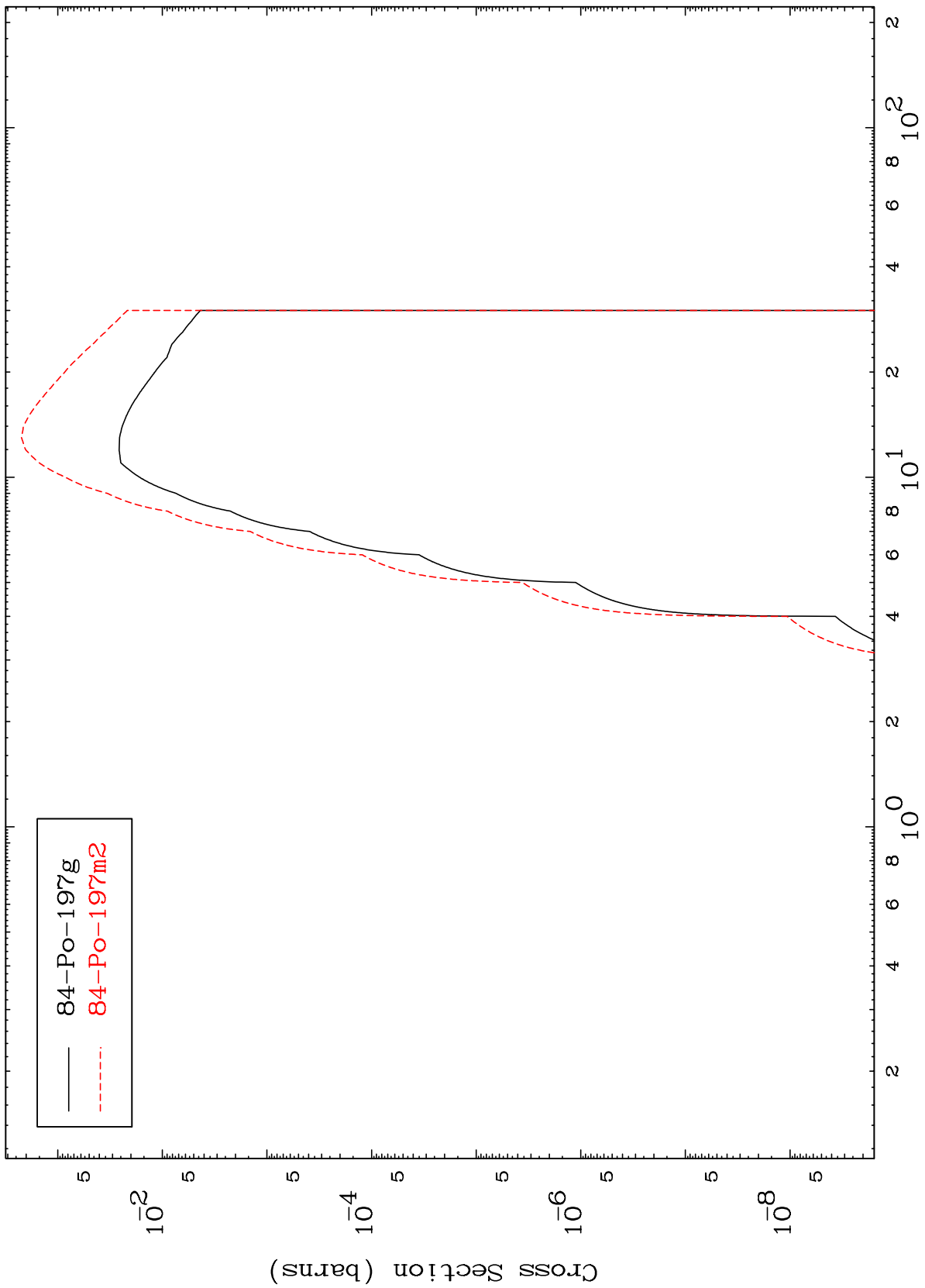
$^{83}\text{Bi}-196\text{m}$

Incident Energy (MeV)

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83-Bi-196m

Inelastic  
Radionuclide Production Cross Section



83-Bi-196m

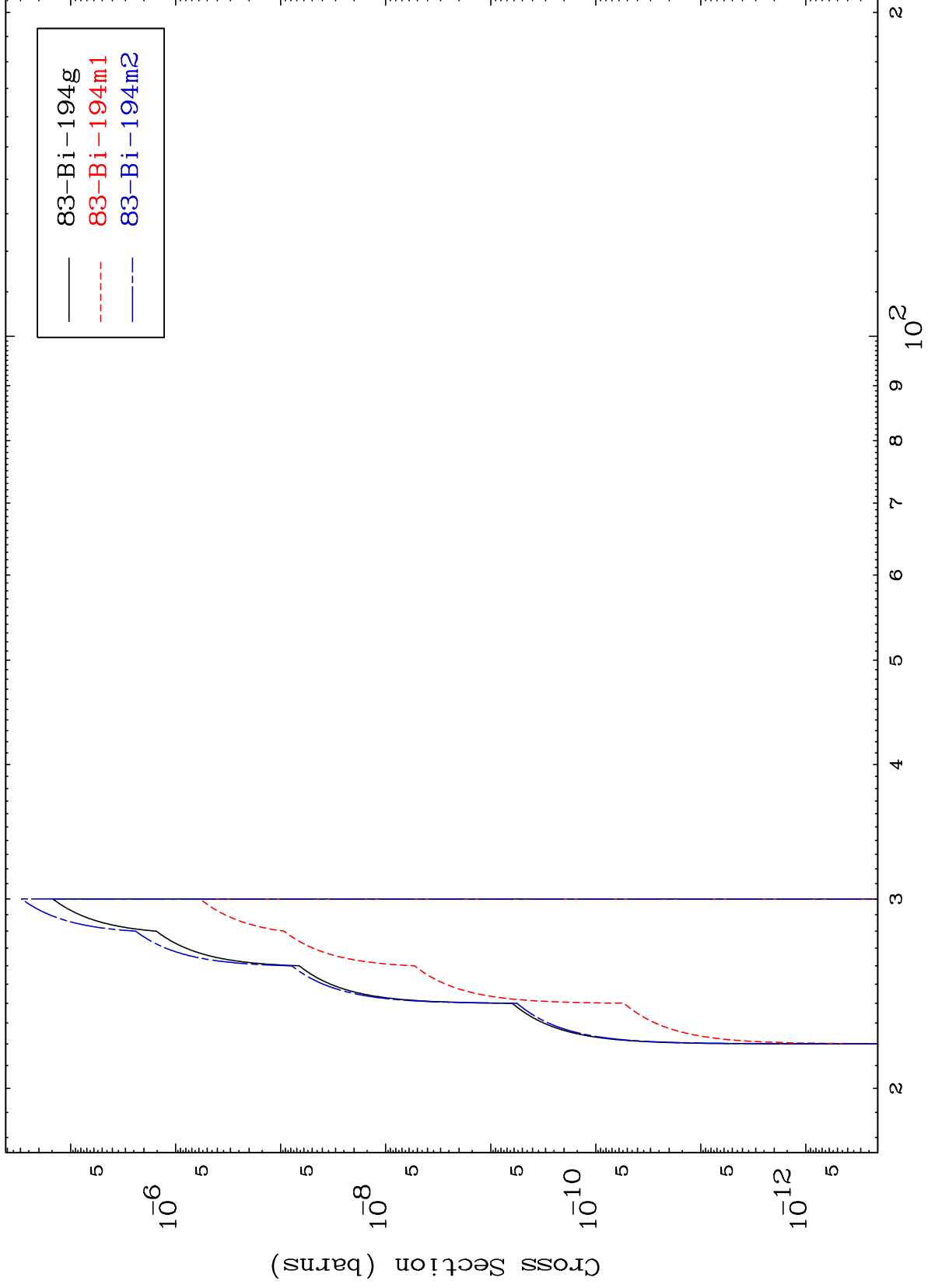
Incident Energy (MeV)

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(n,2n) d

83-Bi-196m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

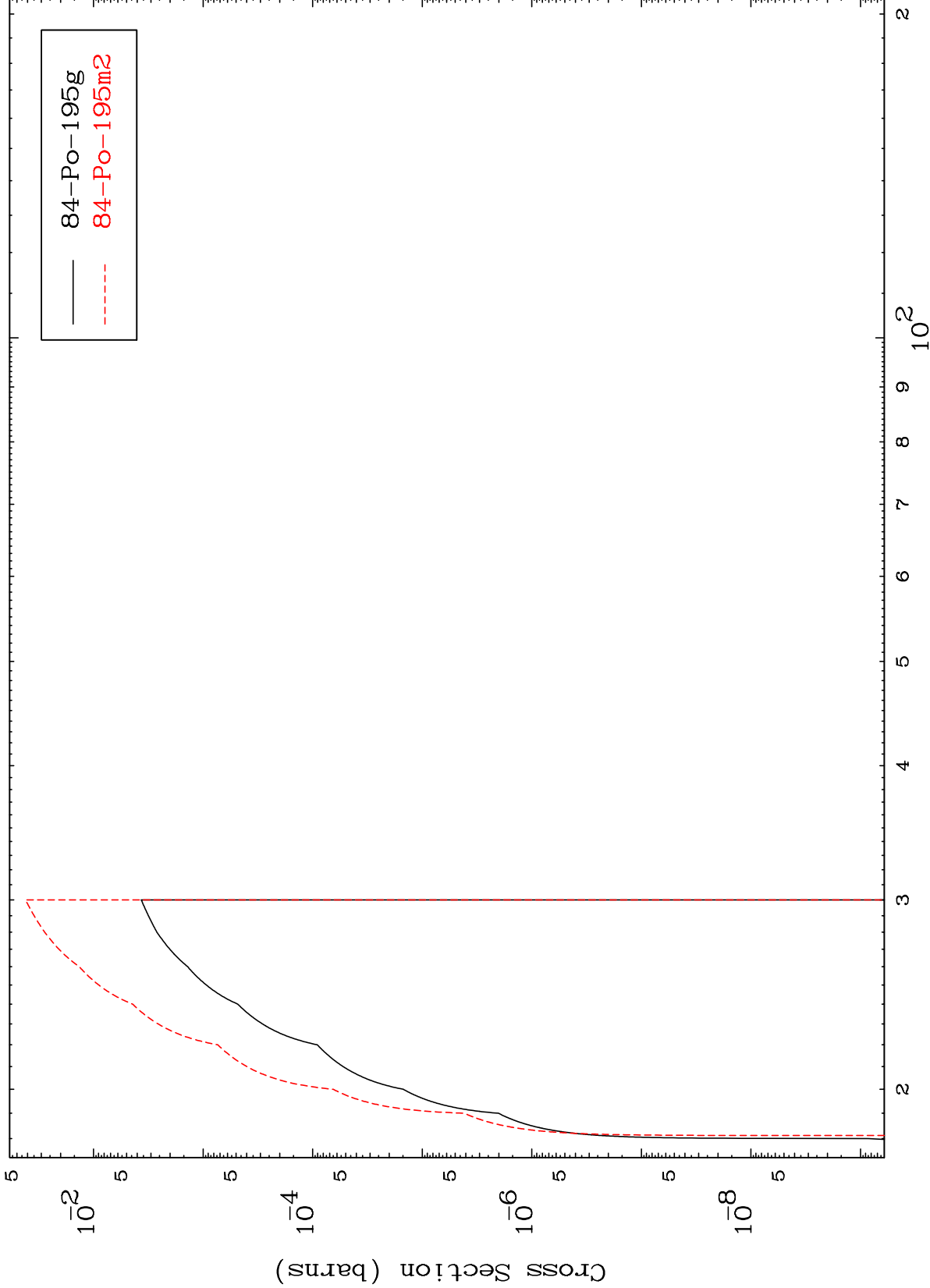
83-Bi-196m

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(n,3n)

83-Bi-196m

Radionuclide Production Cross Section



15

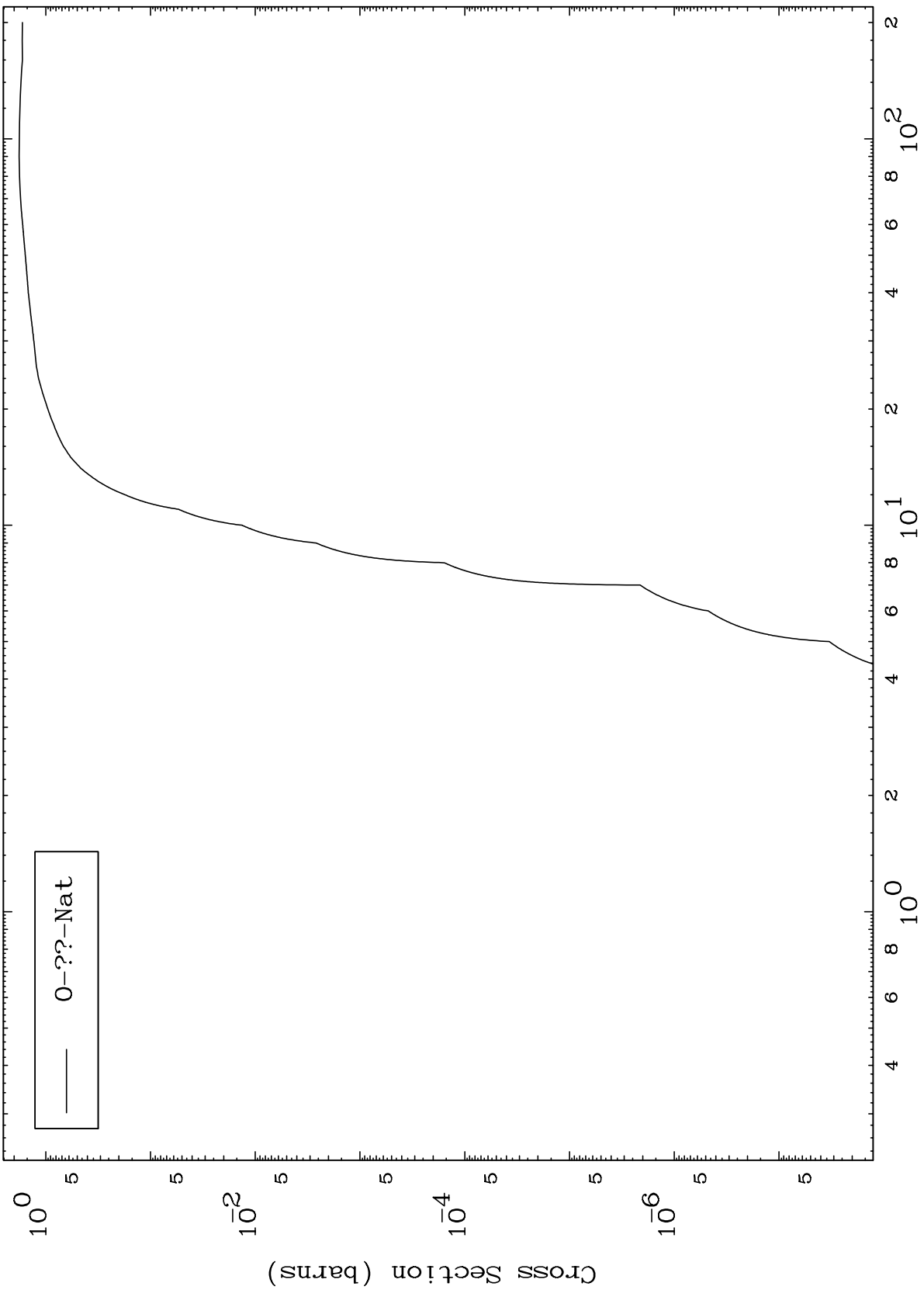
Incident Energy (MeV)

83-Bi-196m

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83-Bi-196m

Fission  
Radionuclide Production Cross Section

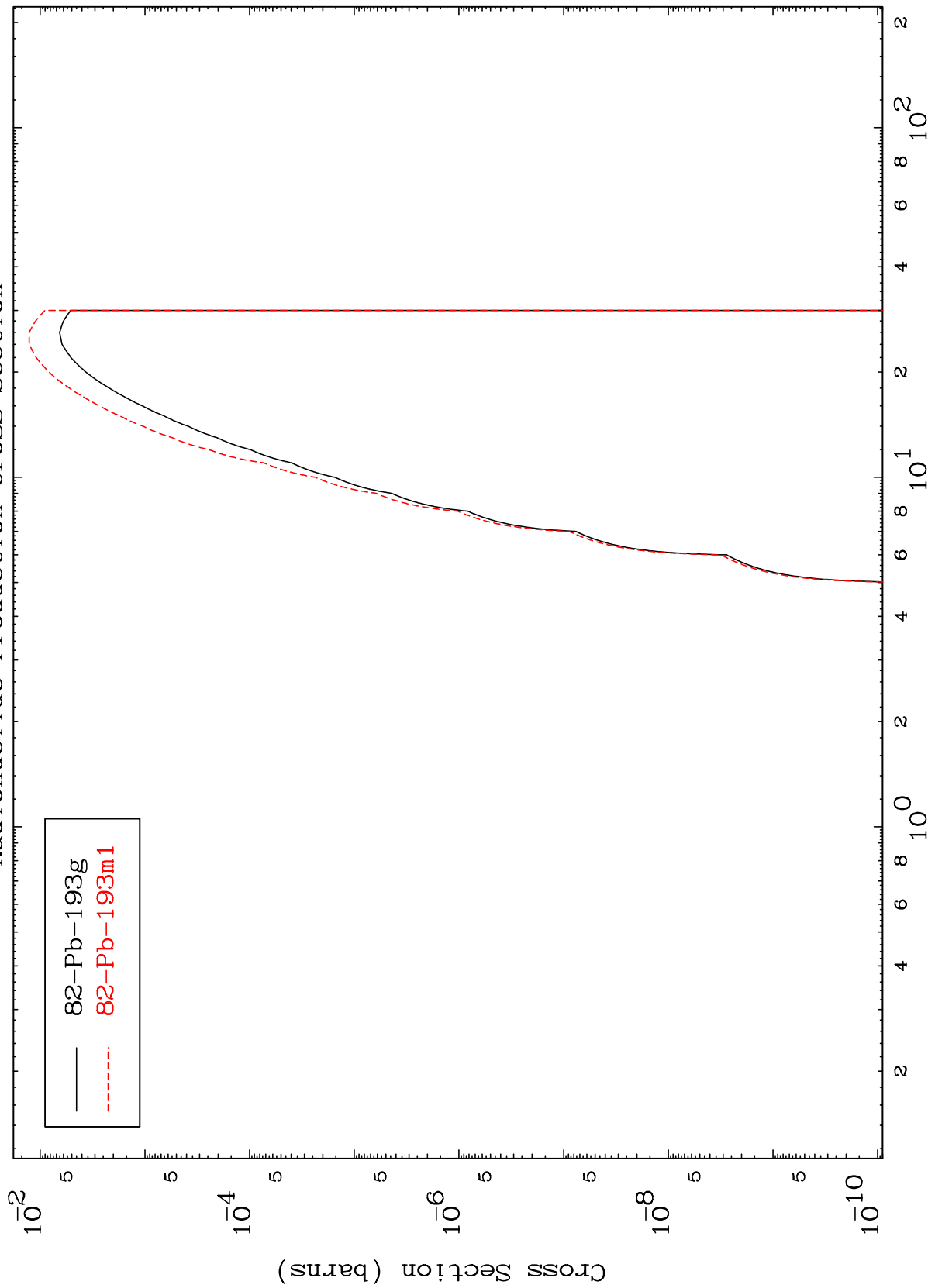


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$(n, n') \alpha$

$^{83}\text{Bi}-196\text{m}$

Radionuclide Production Cross Section

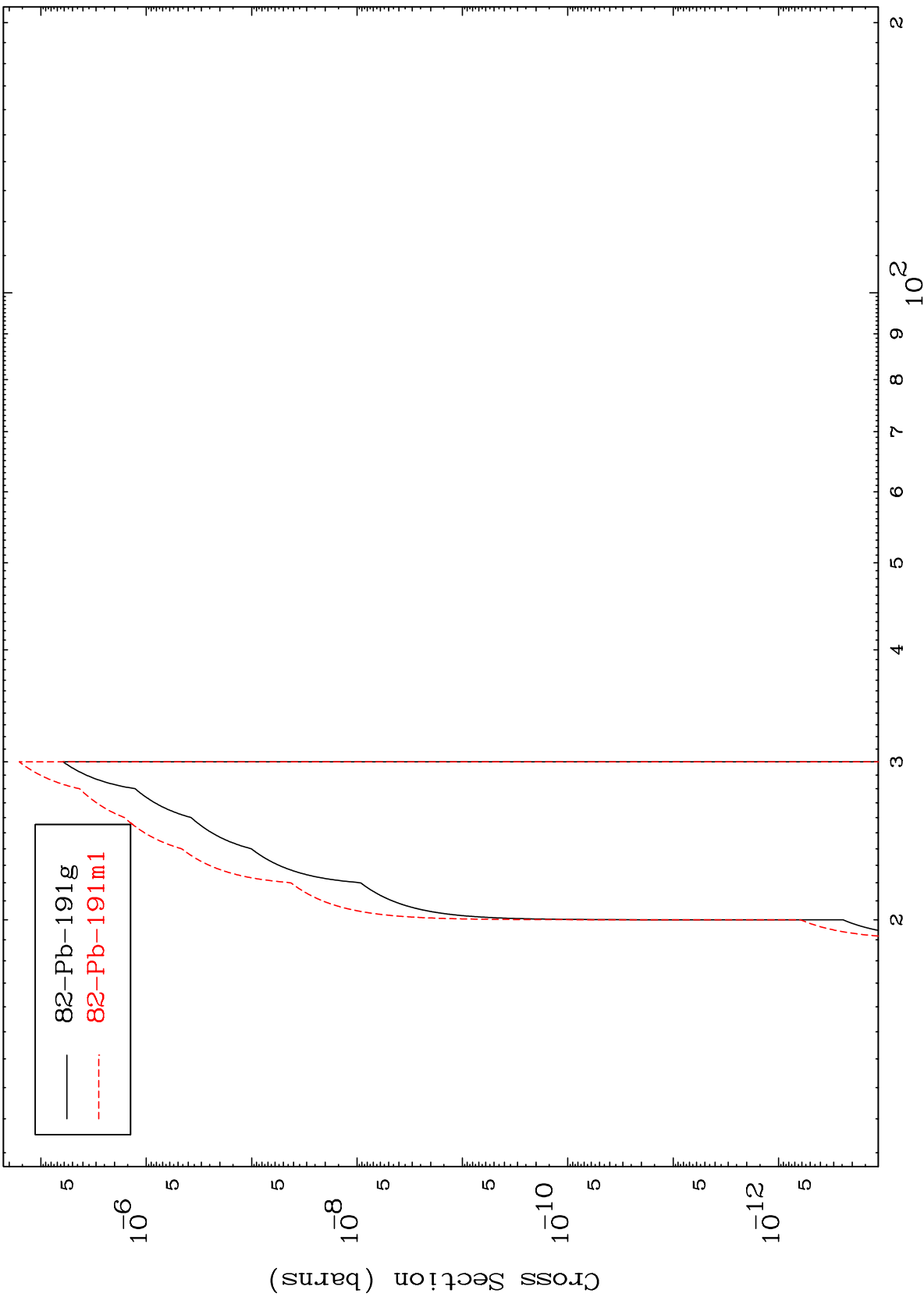


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(n,3n)  $\alpha$

<sup>83</sup>Bi-196m

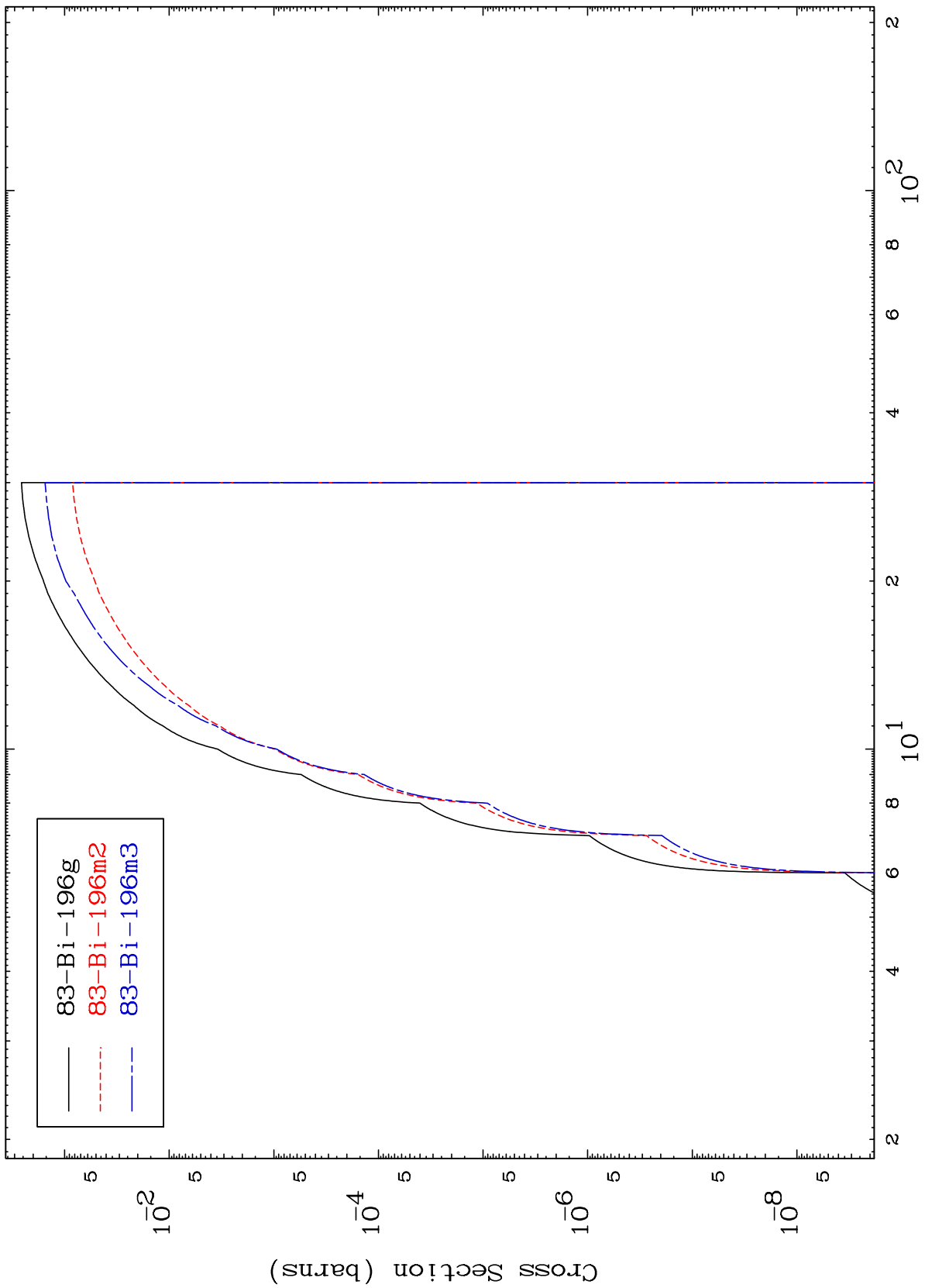
Radionuclide Production Cross Section



MAT 8287

83-Bi-196m

(n,n') p  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

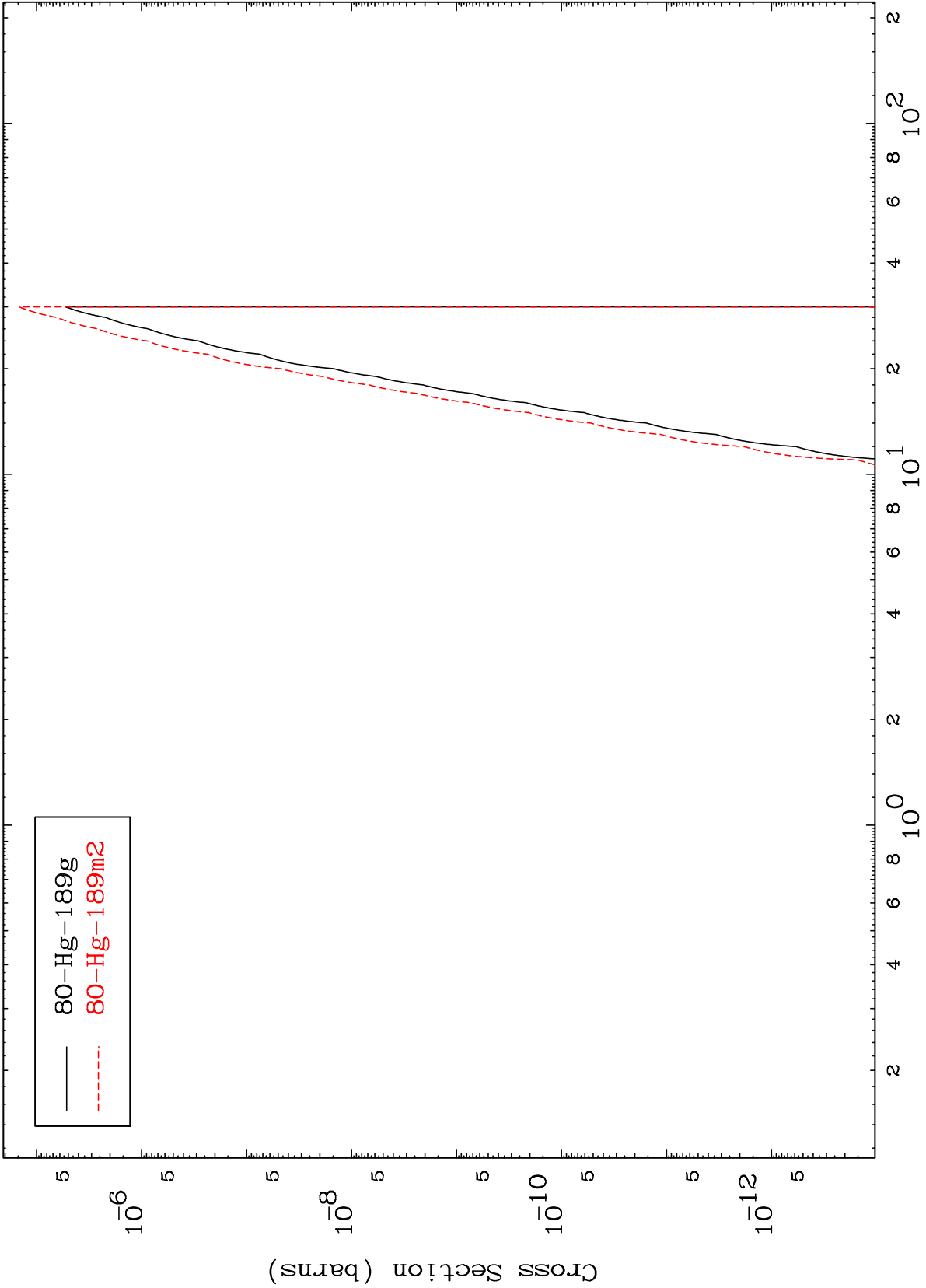
83-Bi-196m

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(n,n') 2α

83-Bi-196m

Radionuclide Production Cross Section

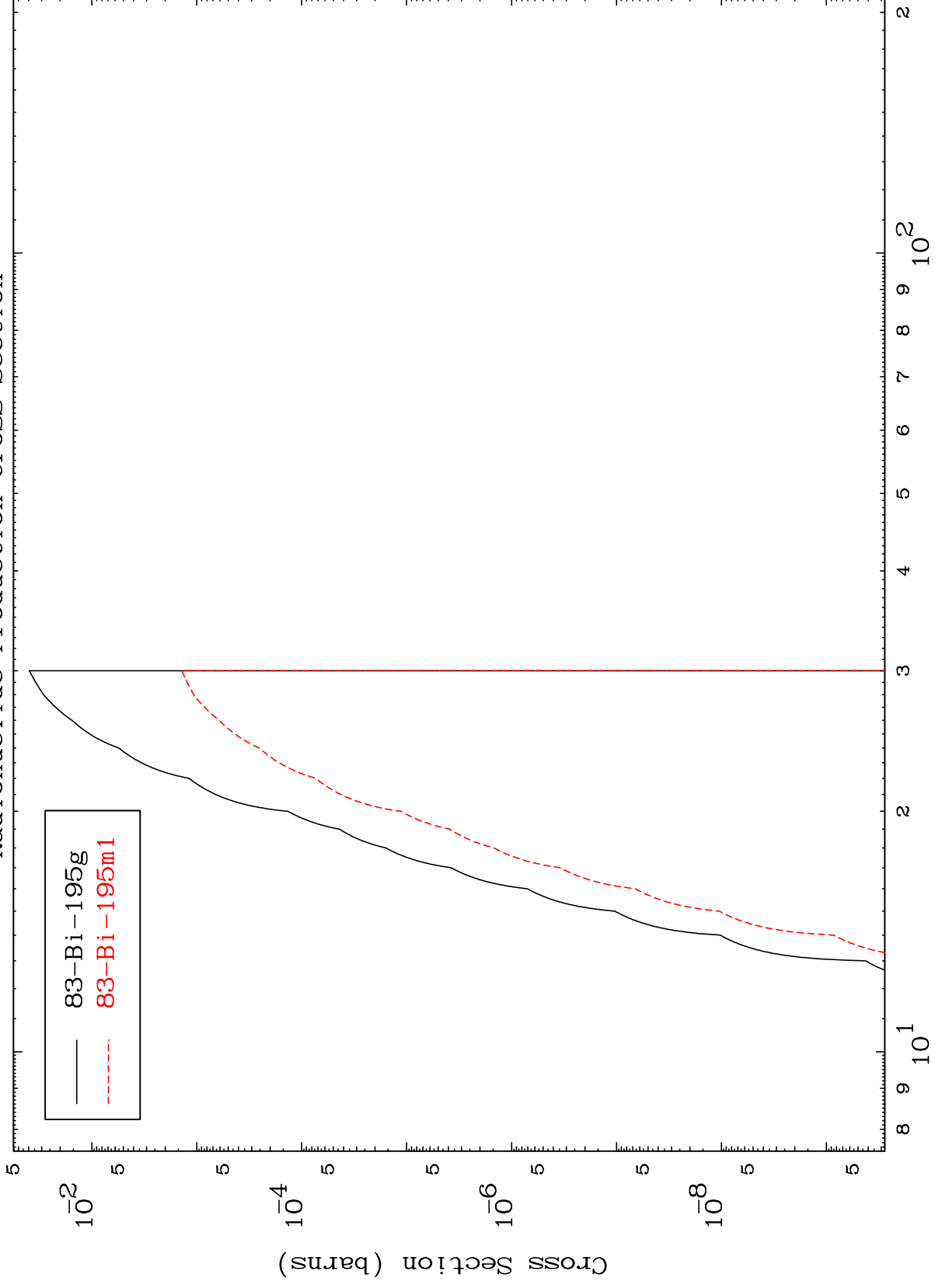


MAT 8287

(n,n') d

83-Bi-196m

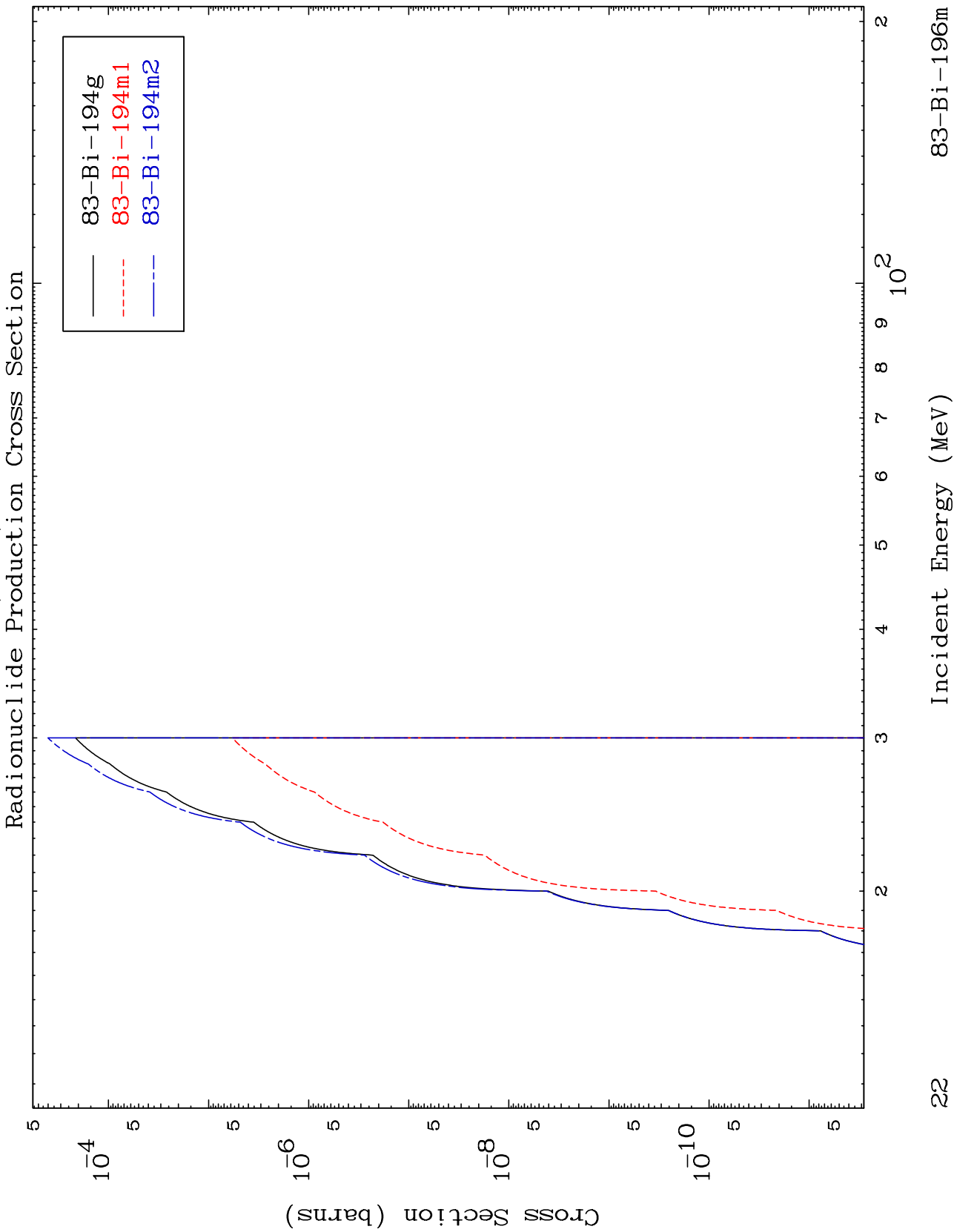
Radionuclide Production Cross Section



21

Incident Energy (MeV)

83-Bi-196m

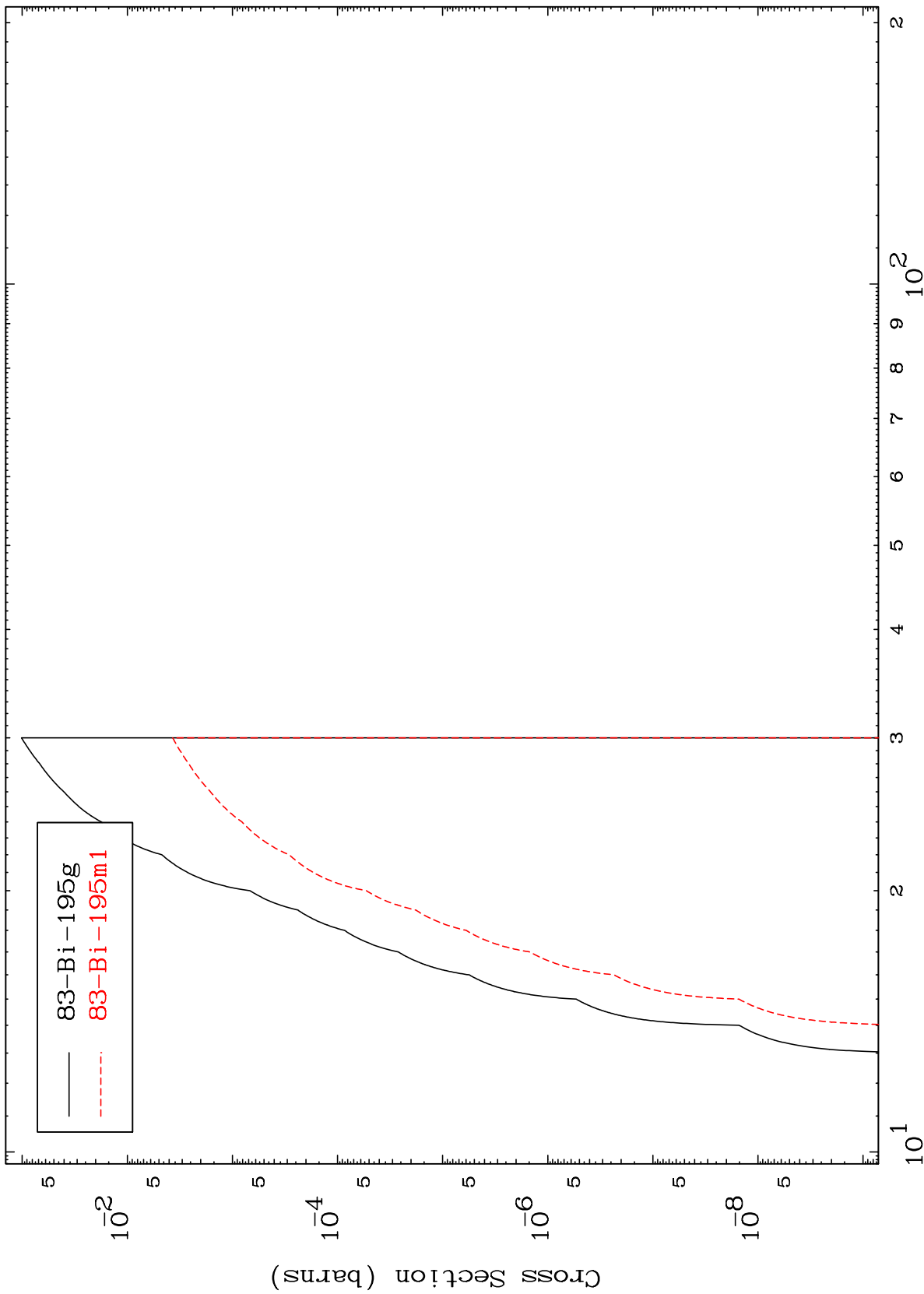


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(n,2n) p

83-Bi-196m

Radionuclide Production Cross Section



83-Bi-195g  
83-Bi-195m1

Incident Energy (MeV)

83-Bi-196m

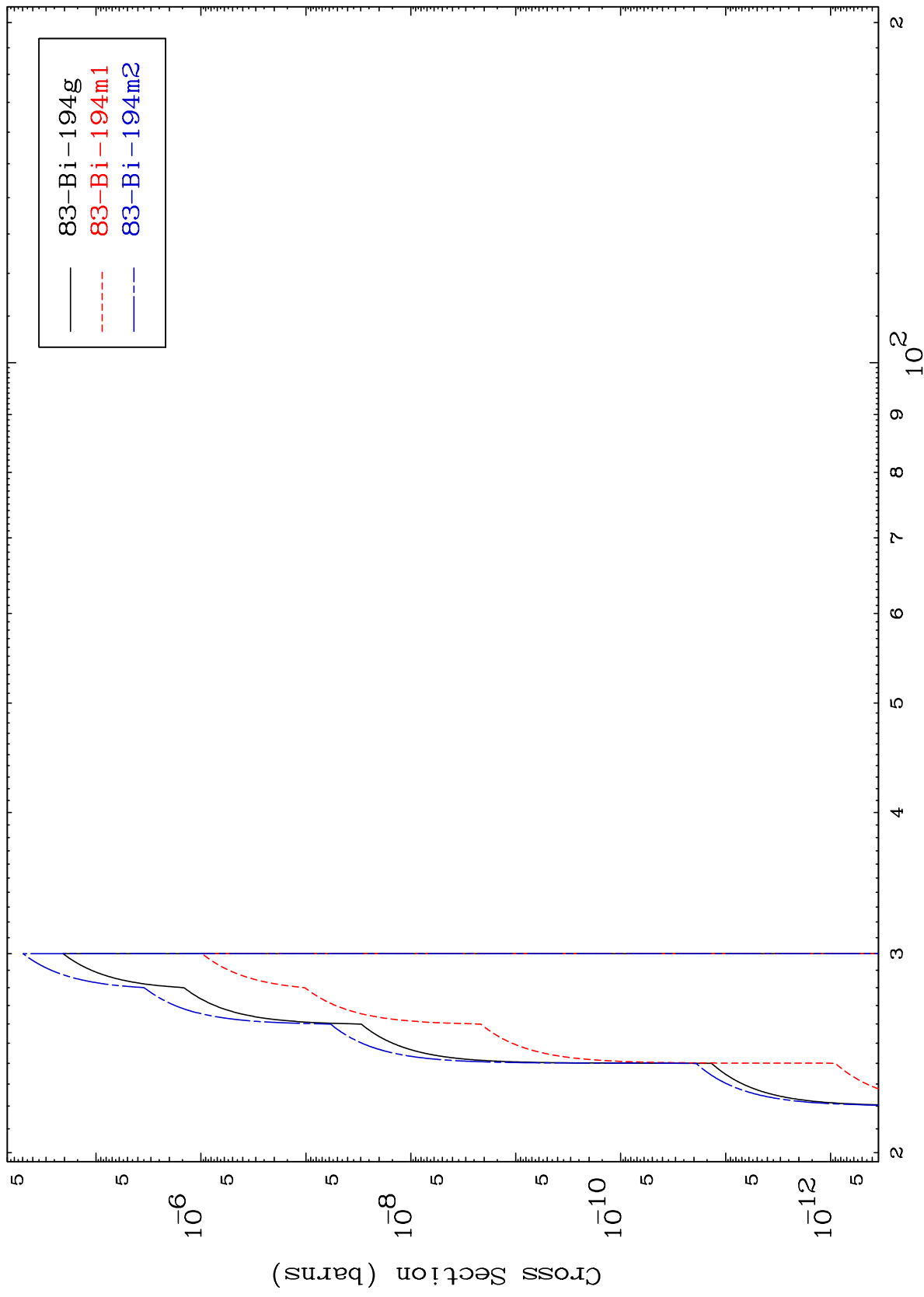
23

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$(n,3n)$  p

$^{83}\text{Bi}-196\text{m}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

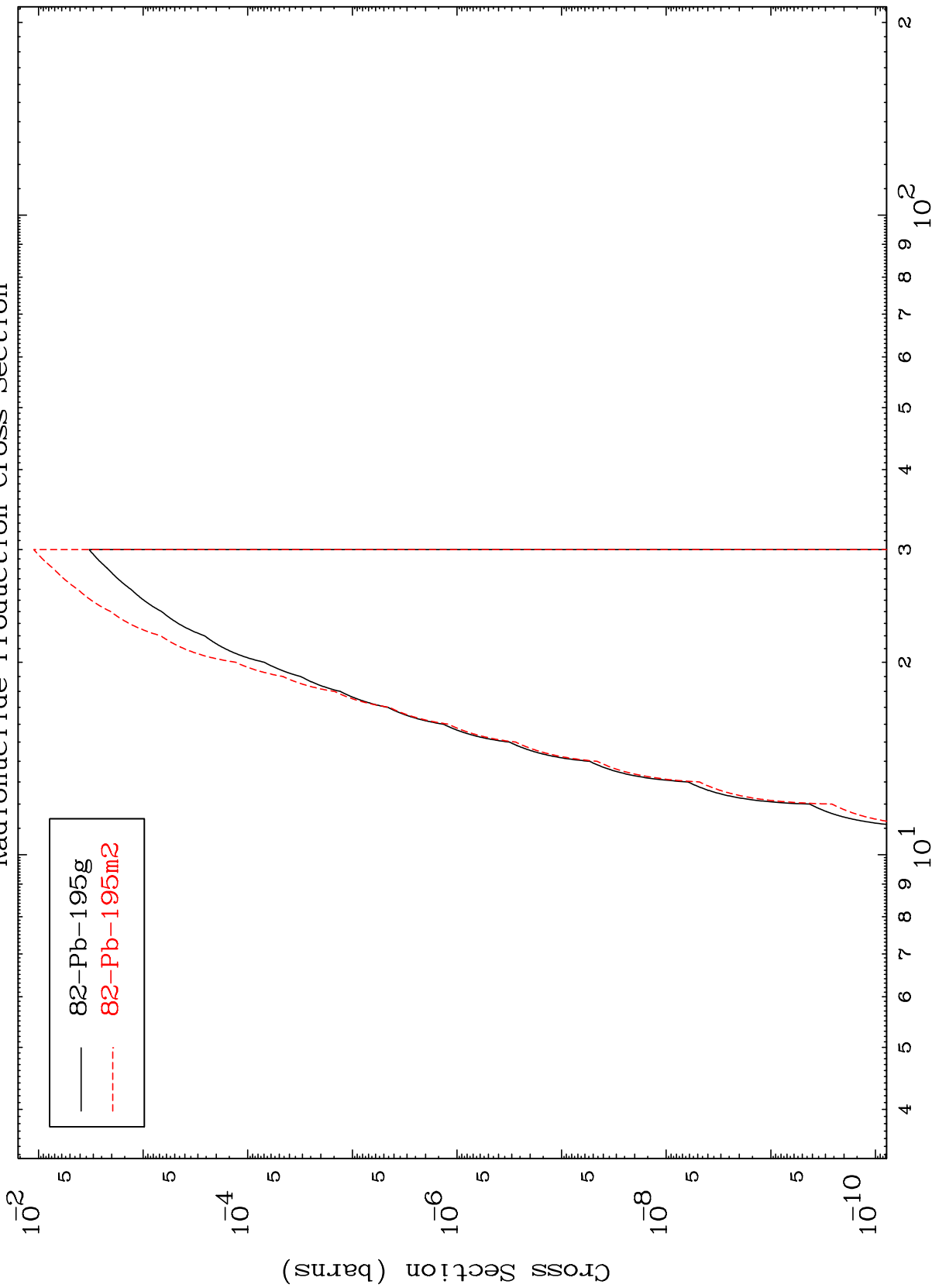
$^{83}\text{Bi}-196\text{m}$

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(n,2n) p

83-Bi-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

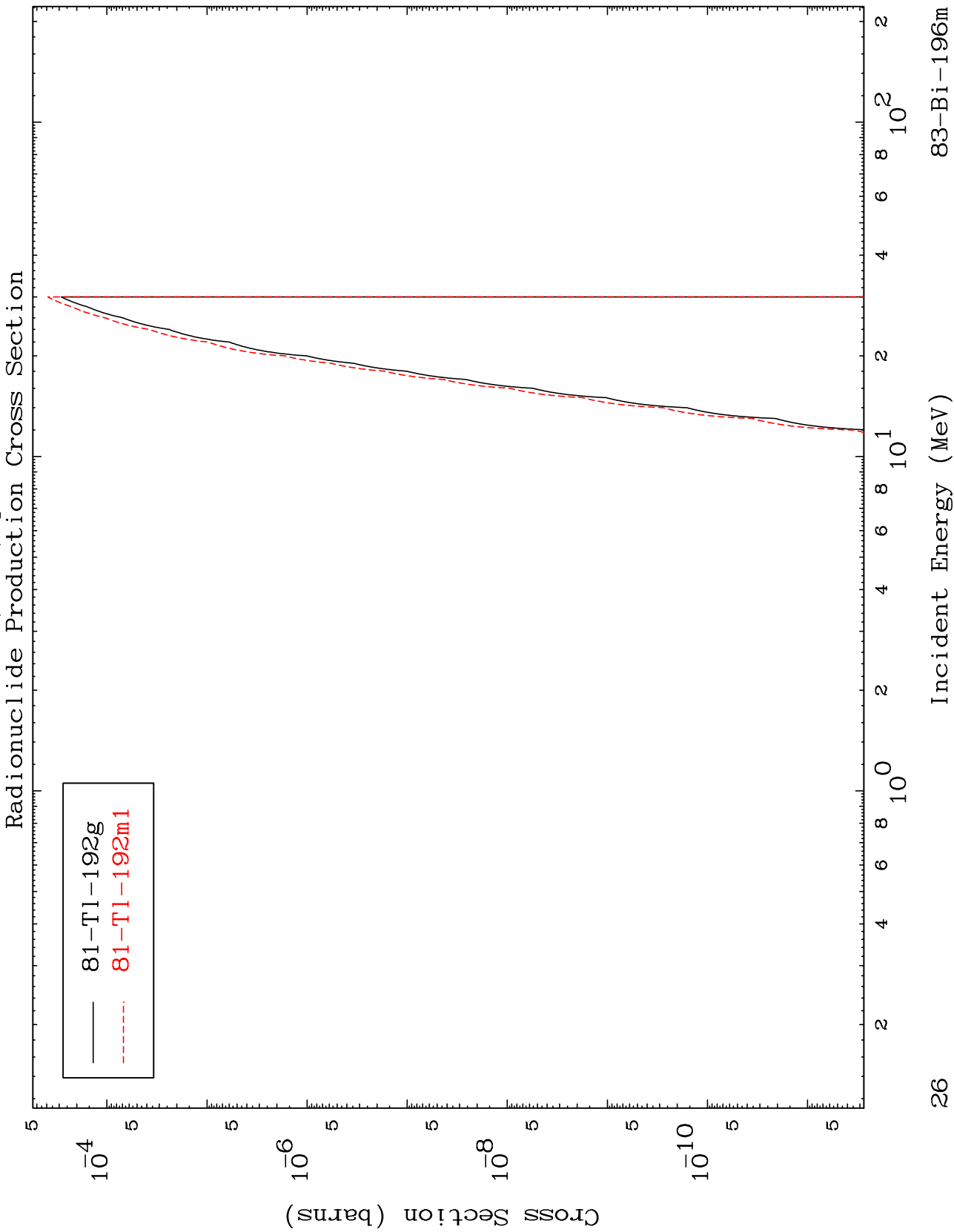
83-Bi-196m

25

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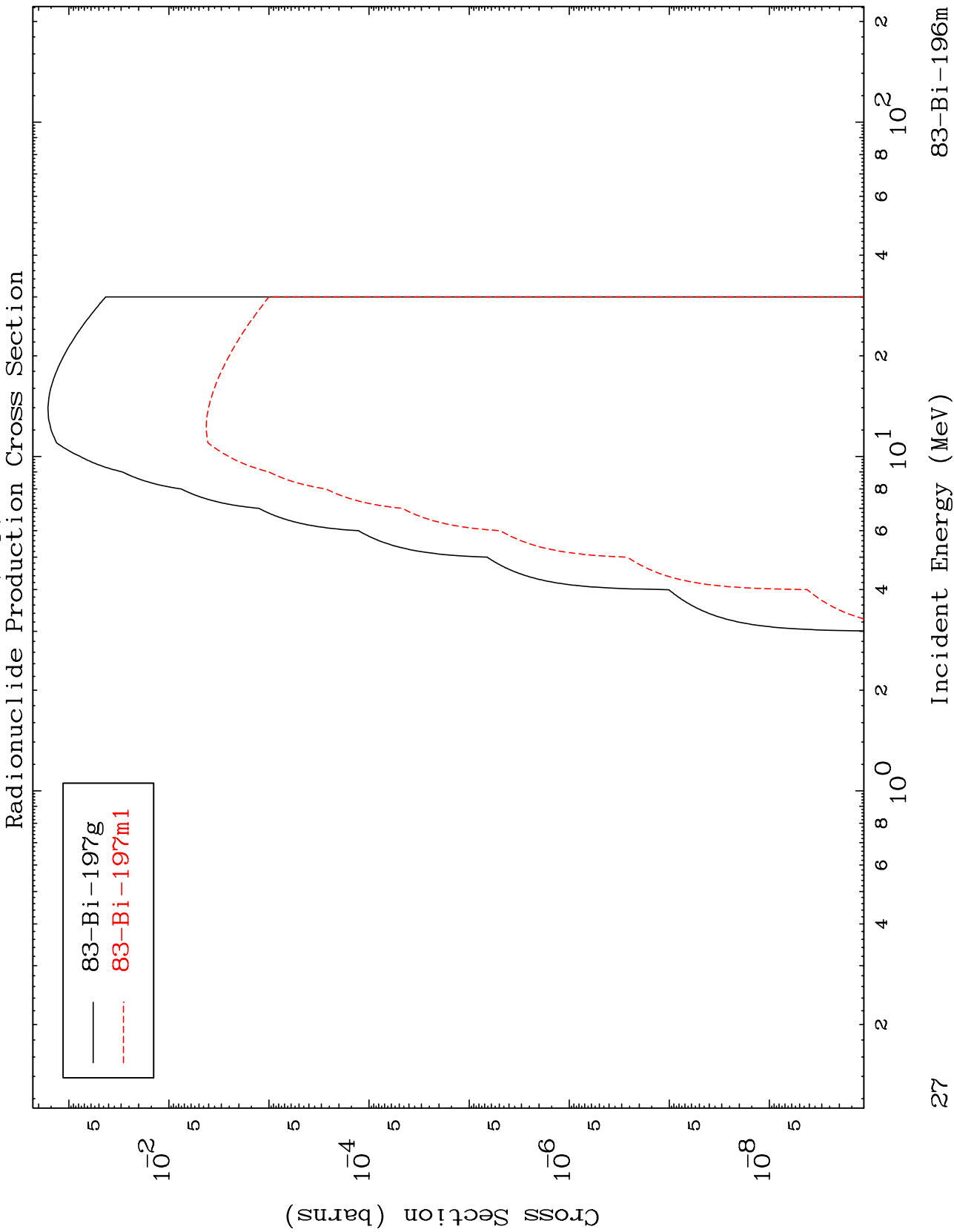
(n,n') p  $\alpha$

83-Bi-196m



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<sup>83</sup>Bi-196m



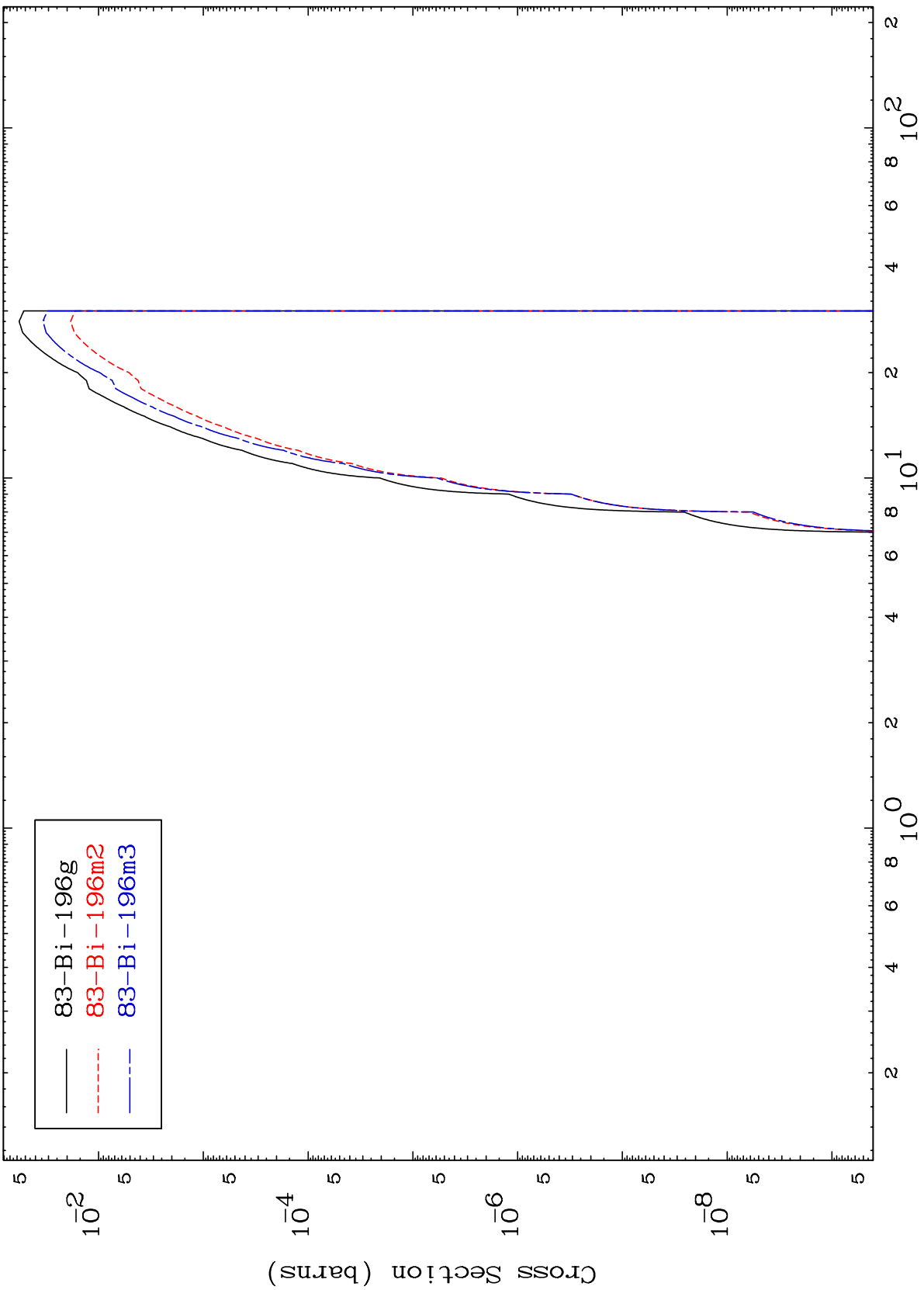
— 83-Bi-197g  
- - - 83-Bi-197m1

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(n,d)

<sup>83</sup>Bi-196m

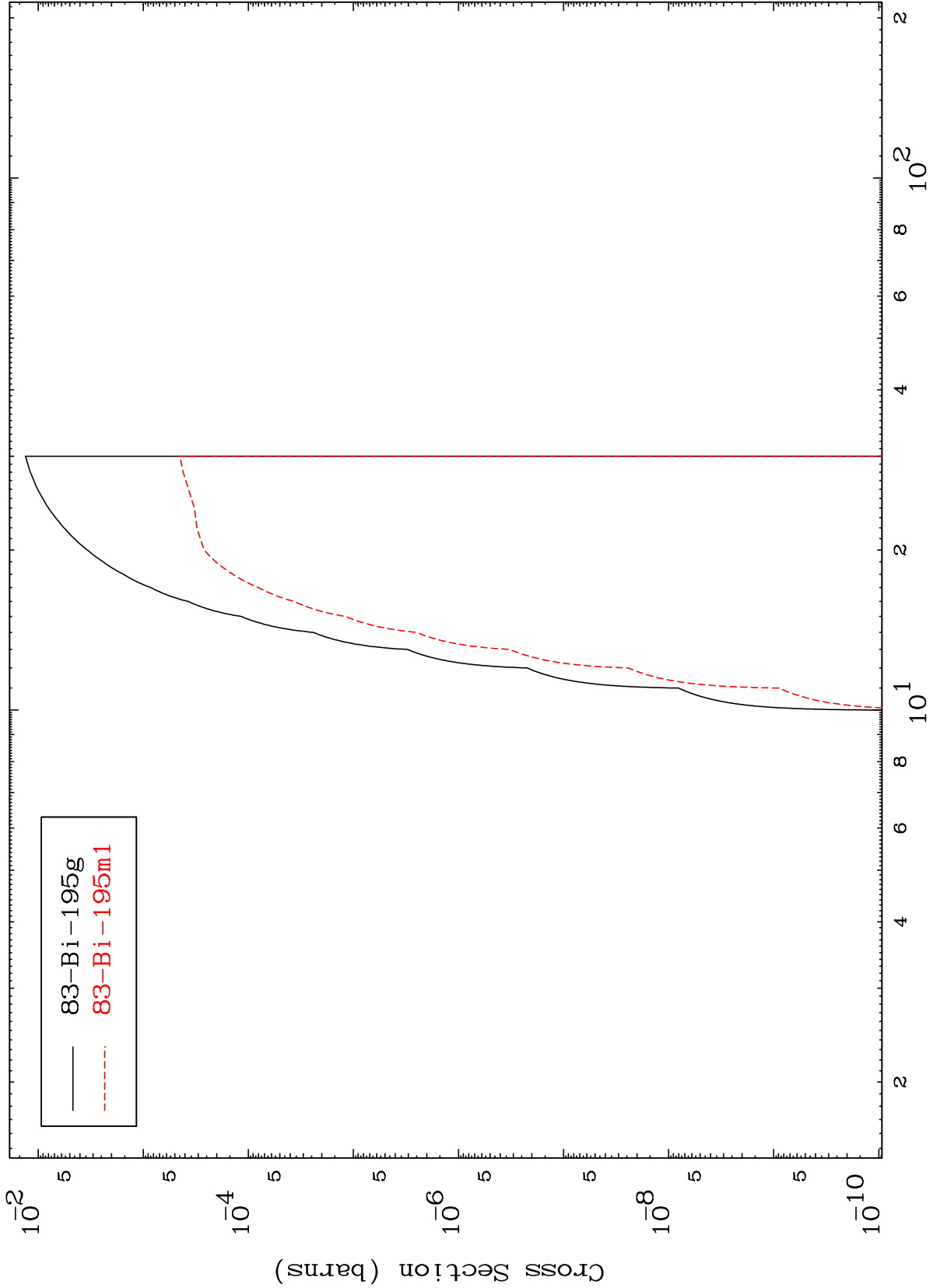
Radionuclide Production Cross Section



MAT 8287

83-Bi-196m

(n, t)  
Radionuclide Production Cross Section

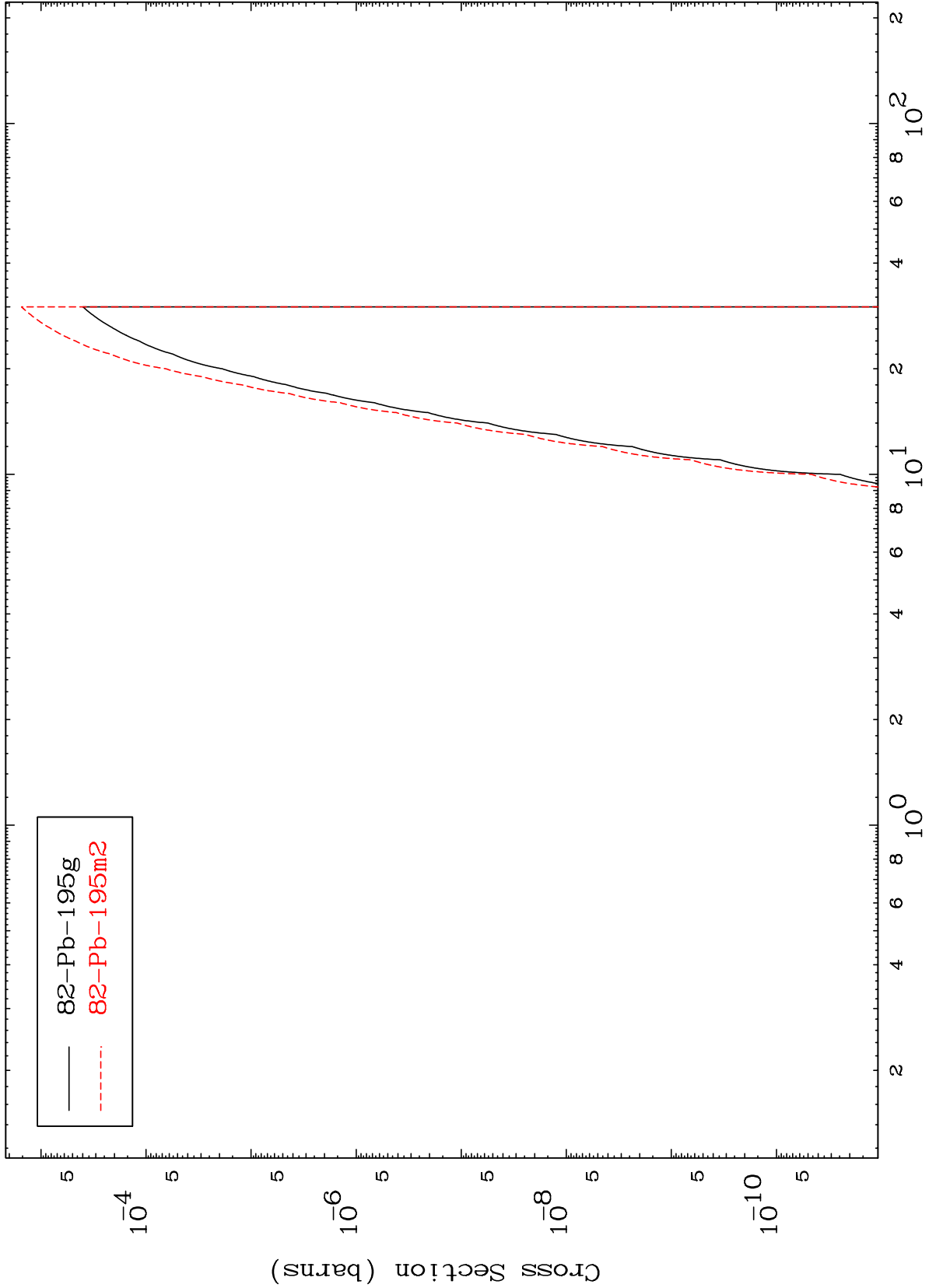


MAT 8287

(n,He-3)

83-Bi-196m

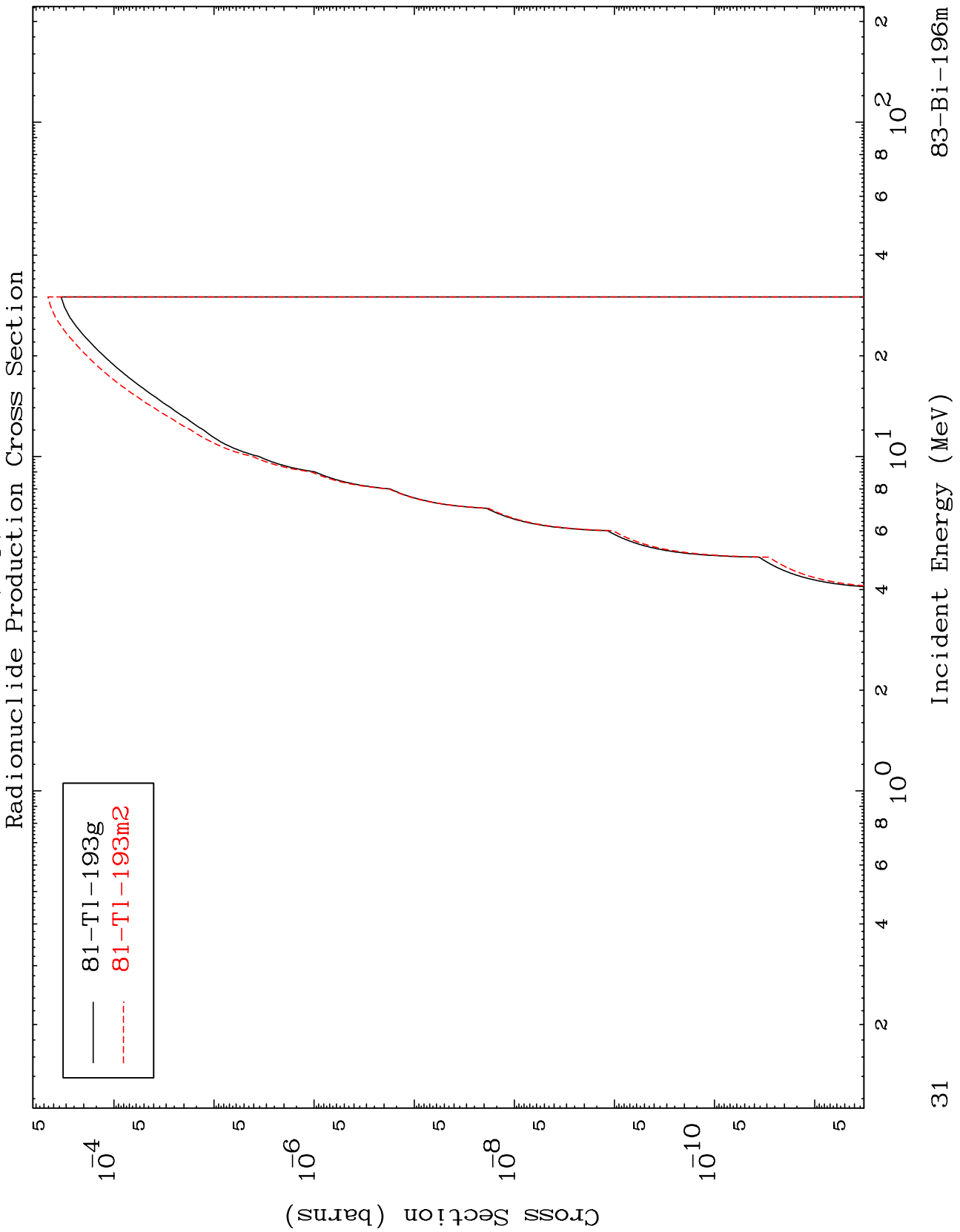
Radionuclide Production Cross Section



MAT 8287

(n,p)  $\alpha$

83-Bi-196m

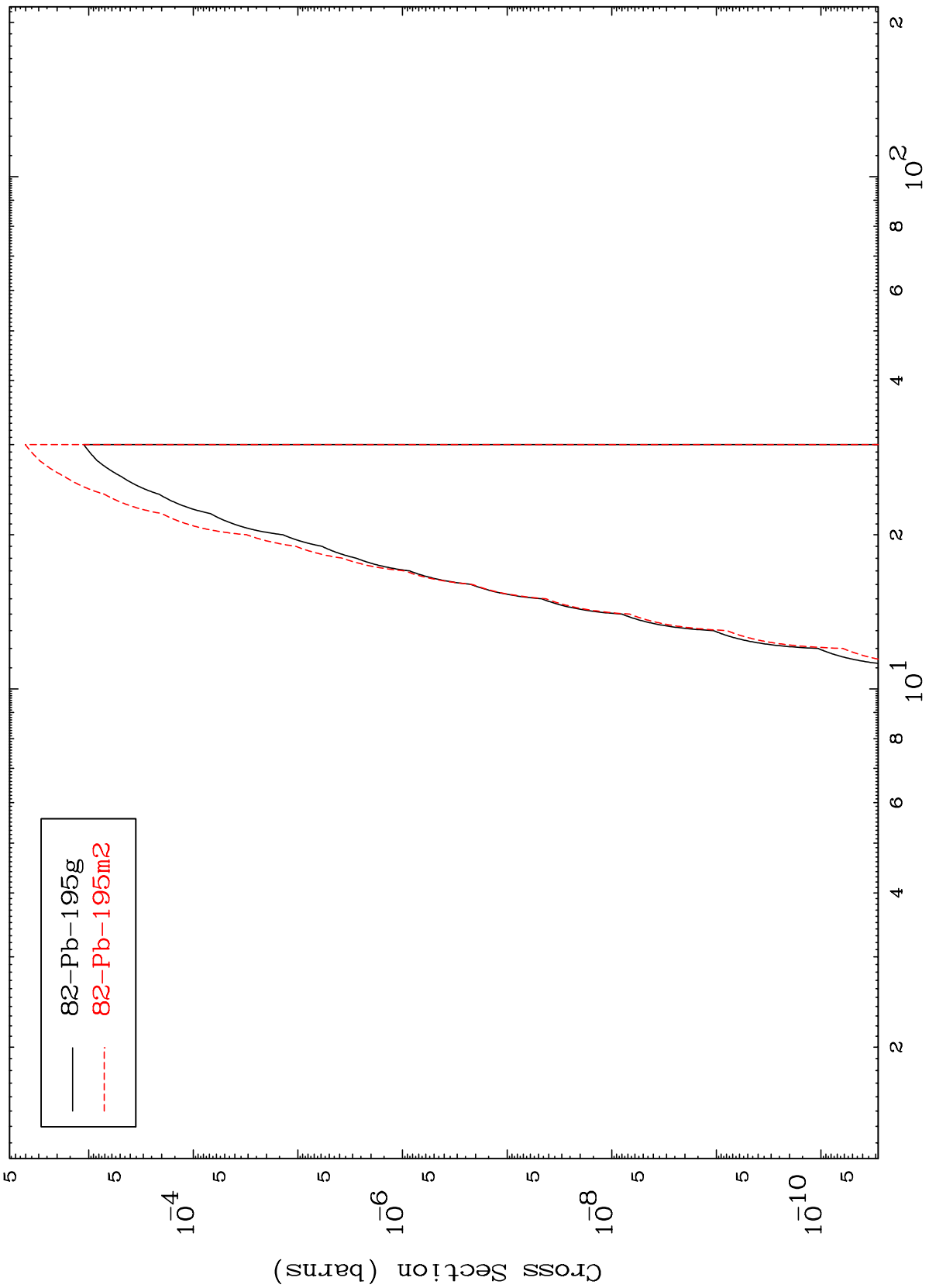


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(n,p) d

83-Bi-196m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-196m

MAT 8287

(n,d)  $\alpha$

83-Bi-196m

Radionuclide Production Cross Section

