

Program EVALPLOT  
(Version 2021-1)

by

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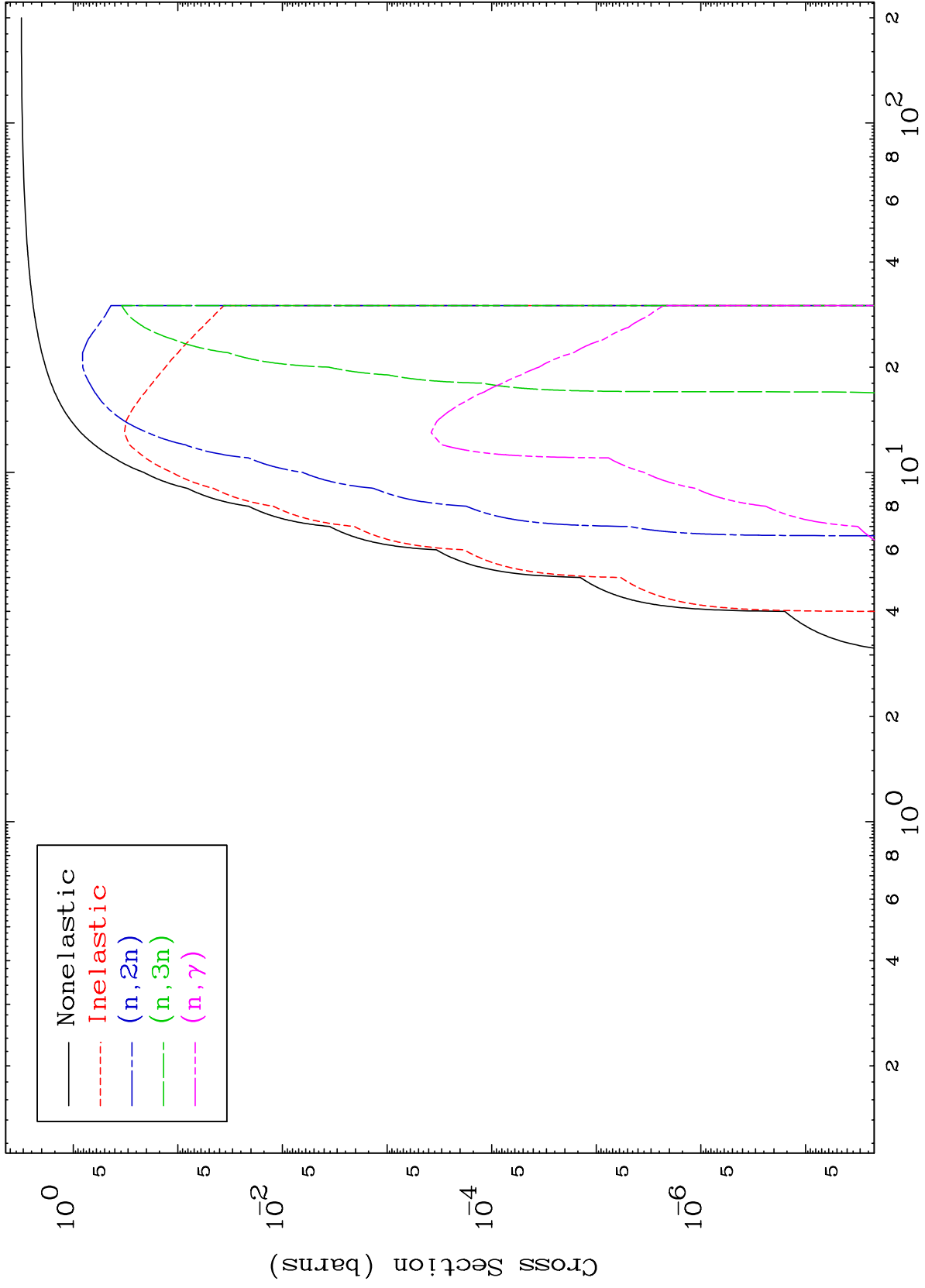
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8293

Deuteron Major  
0 Kelvin Cross Sections

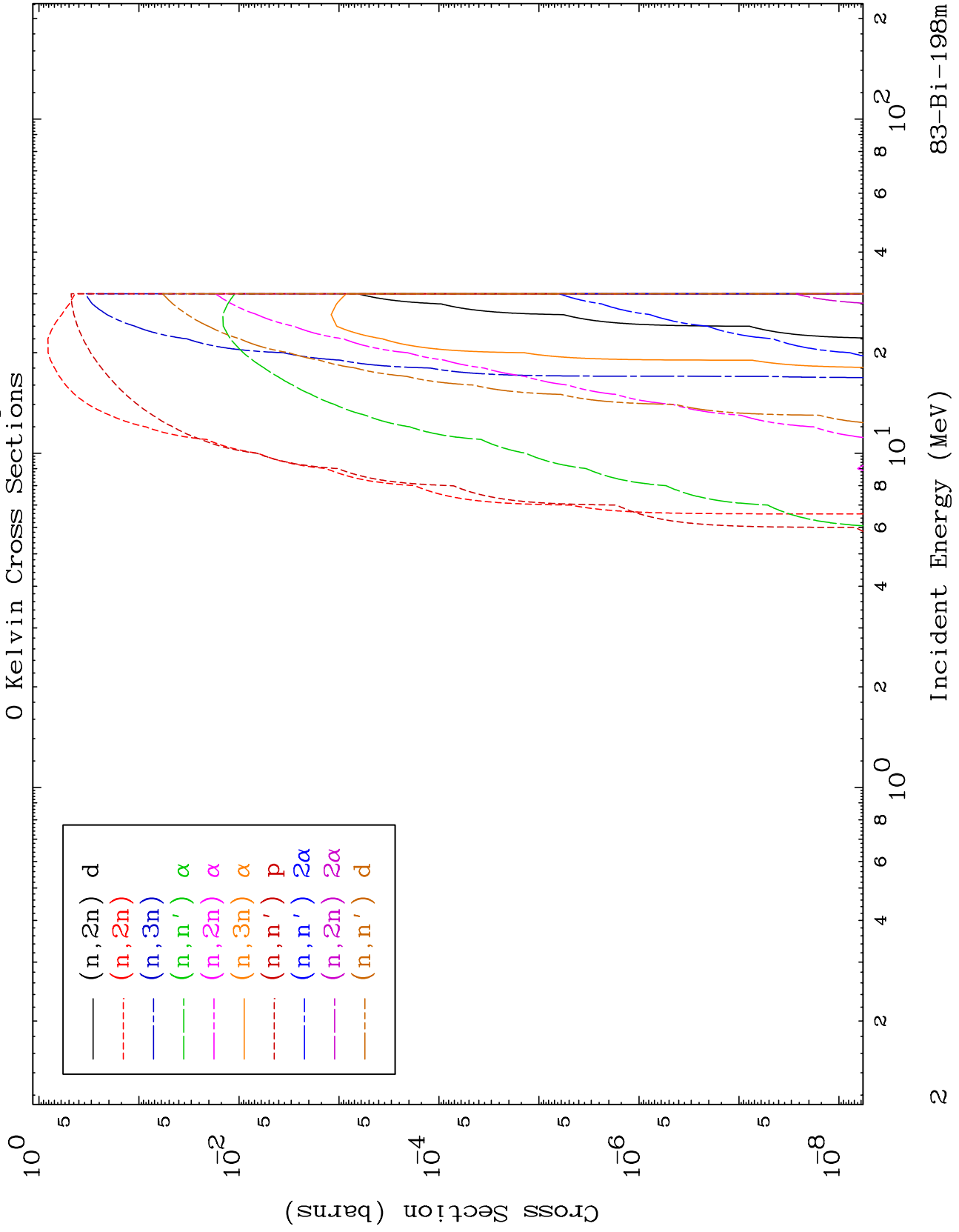
83-Bi-198m

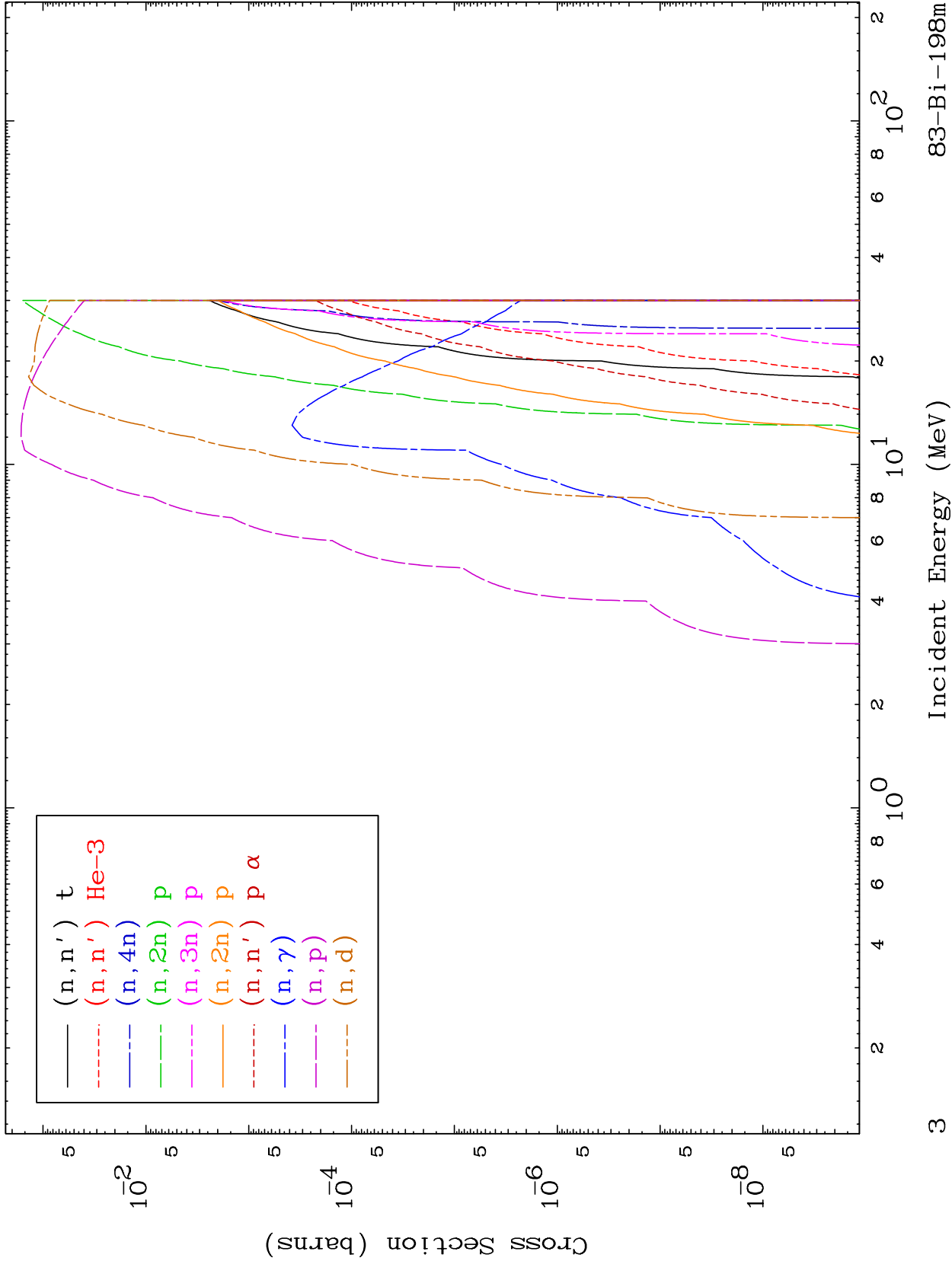


MAT 8293

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-198m

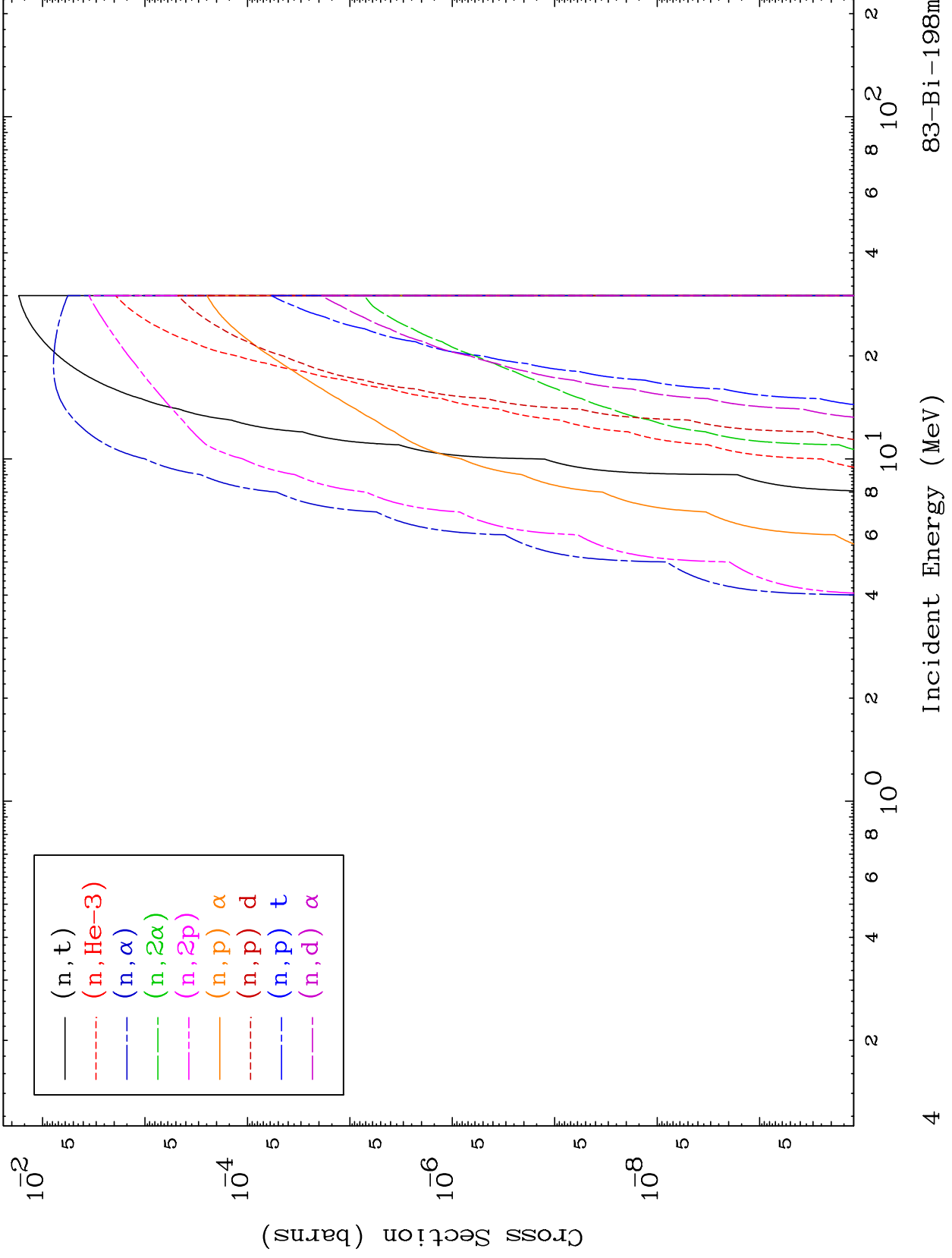


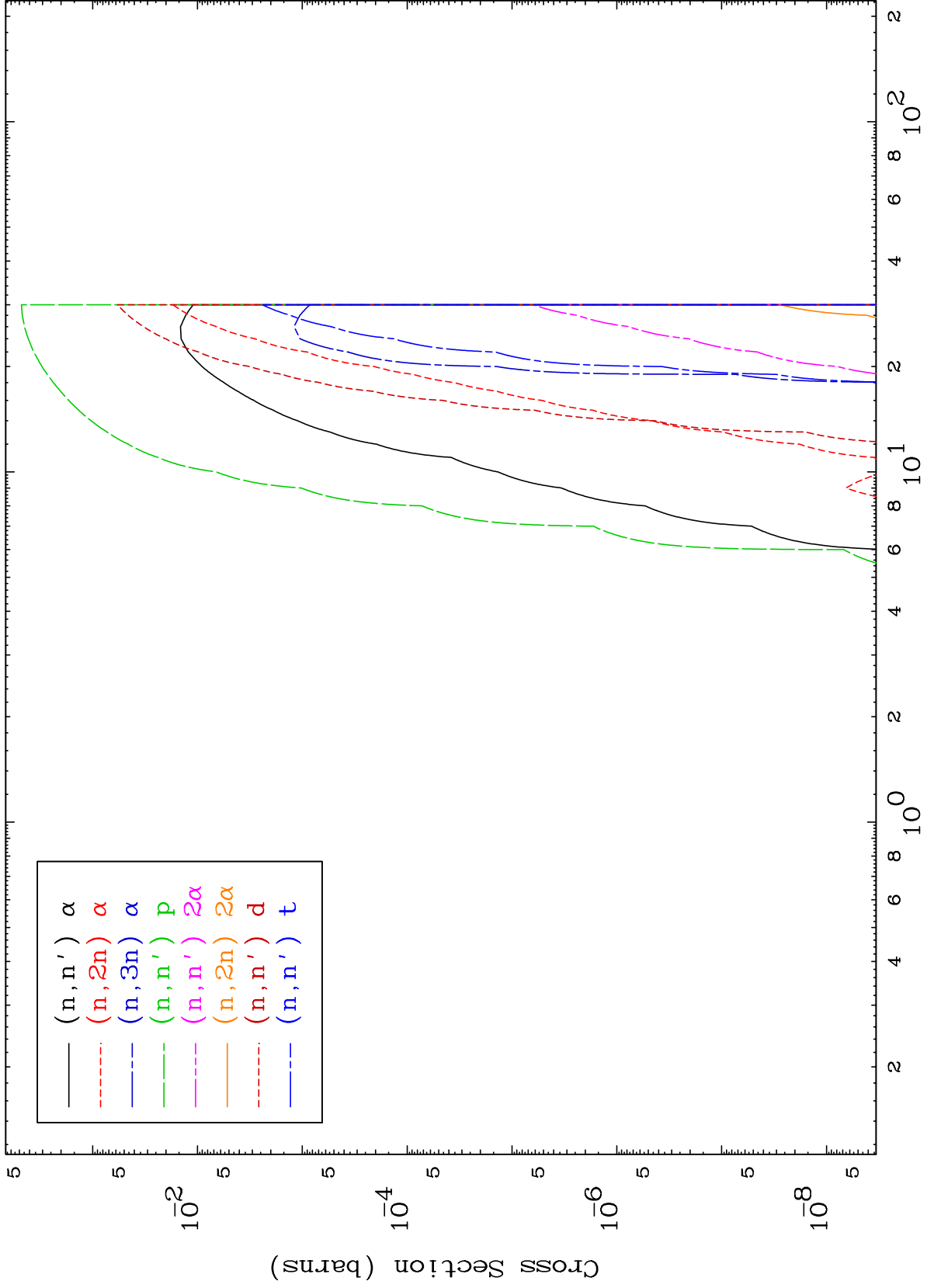


MAT 8293

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-198m

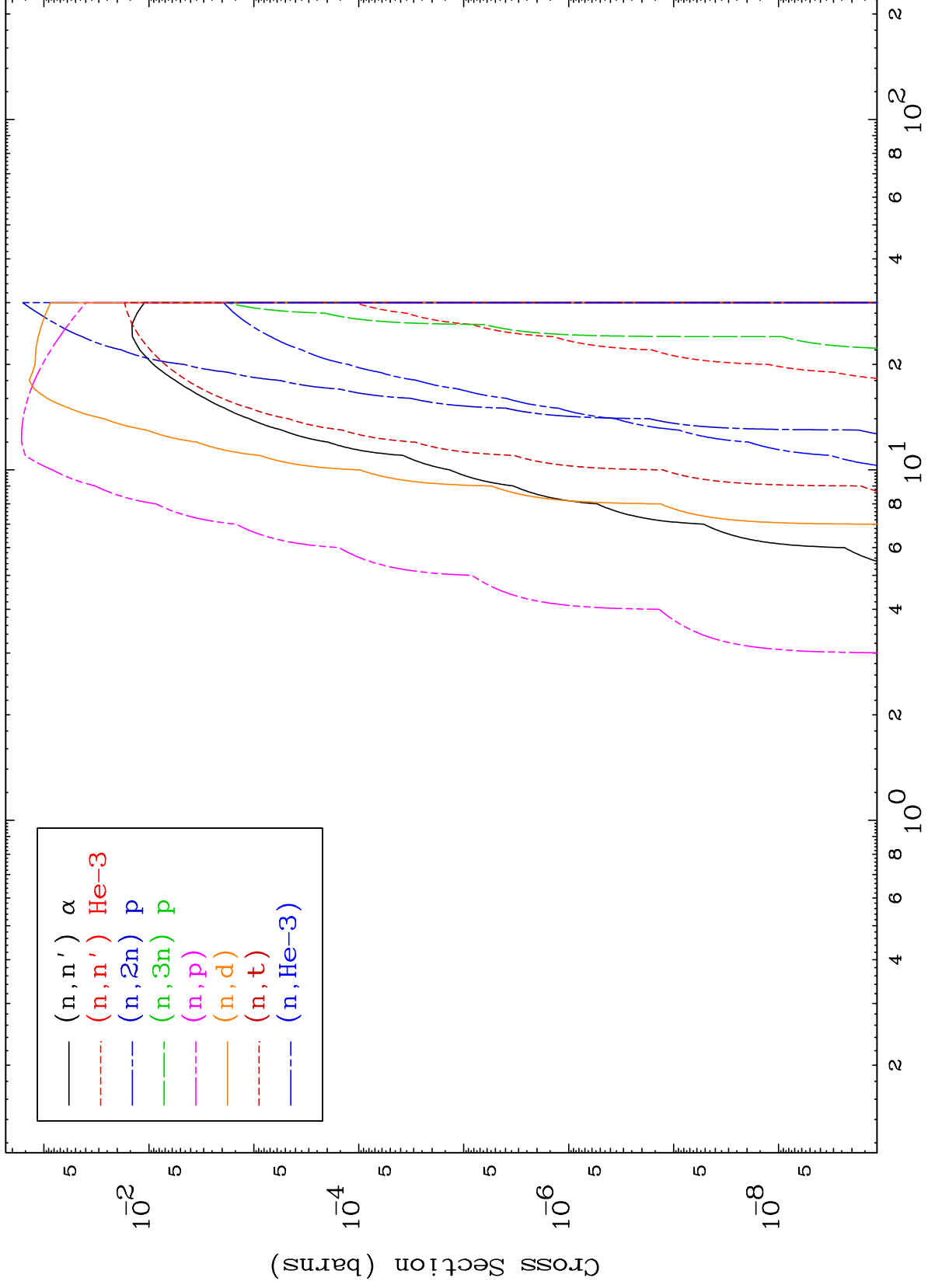




MAT 8293

Deuteron Charged Particle  
0 Kelvin Cross Sections

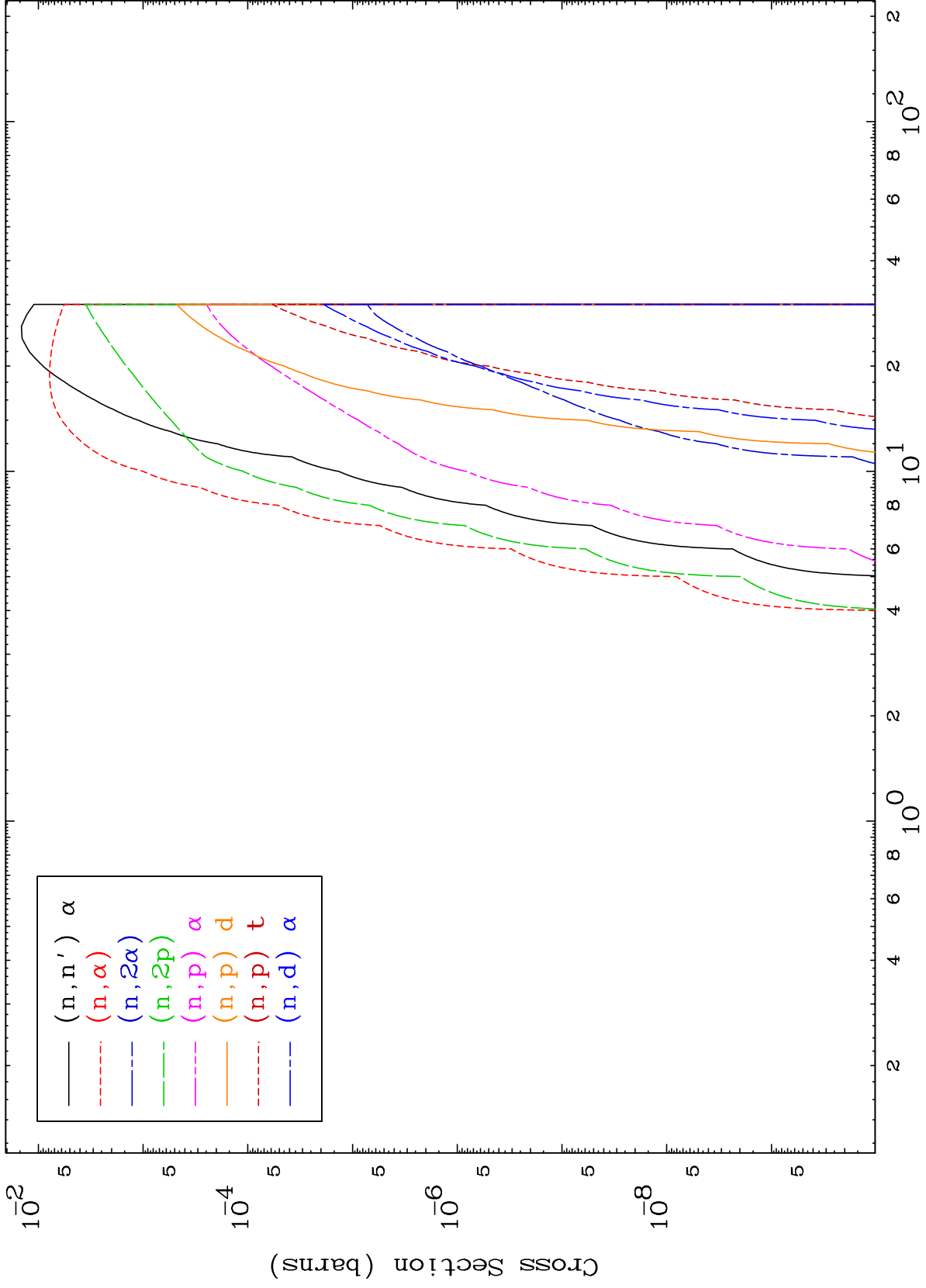
83-Bi-198m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-198m



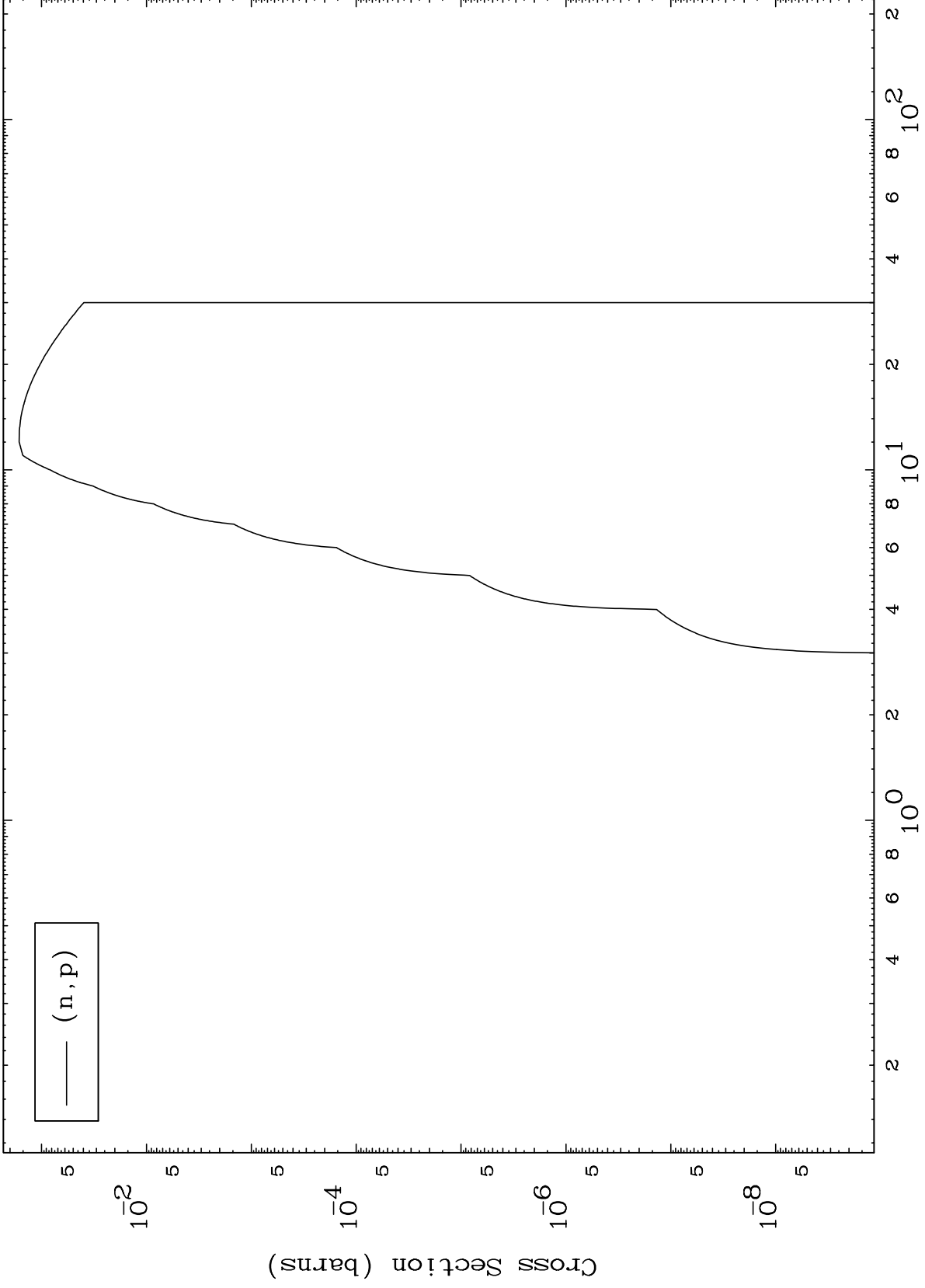


MAT 8293

(d,p) Levels

83-Bi-198m

0 Kelvin Cross Sections

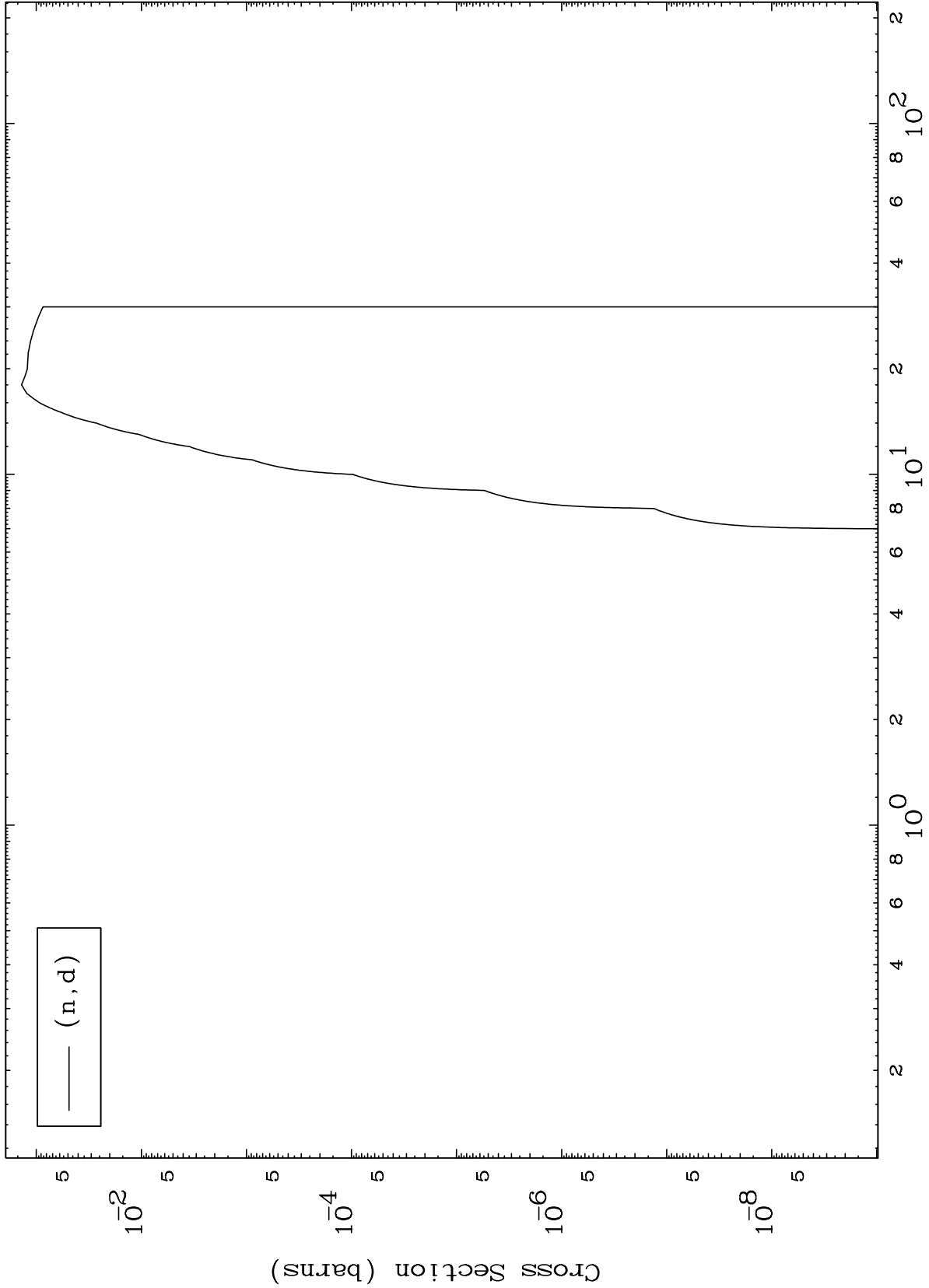


MAT 8293

(d,d) Levels

83-Bi-198m

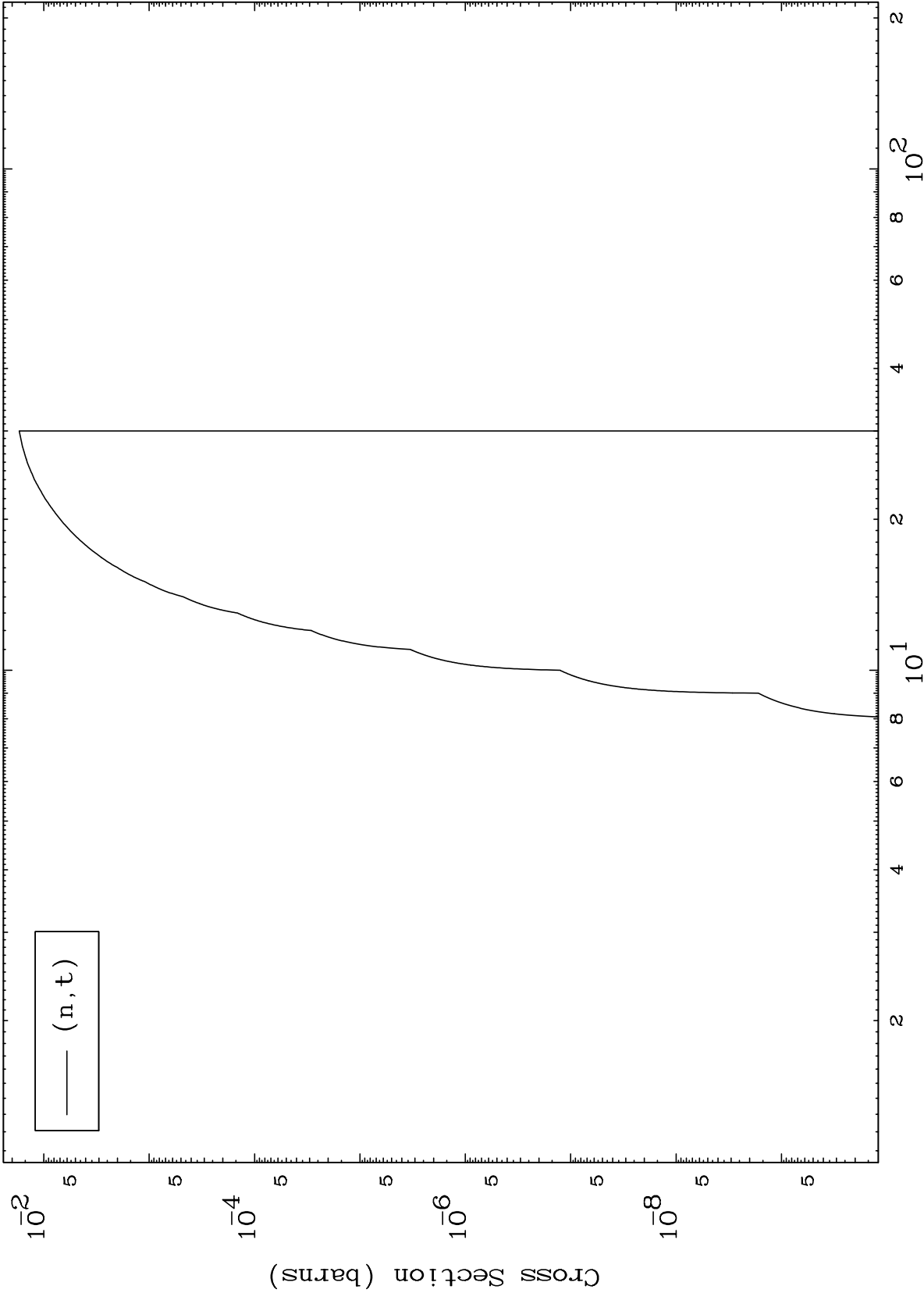
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-198m



10

Incident Energy (MeV)

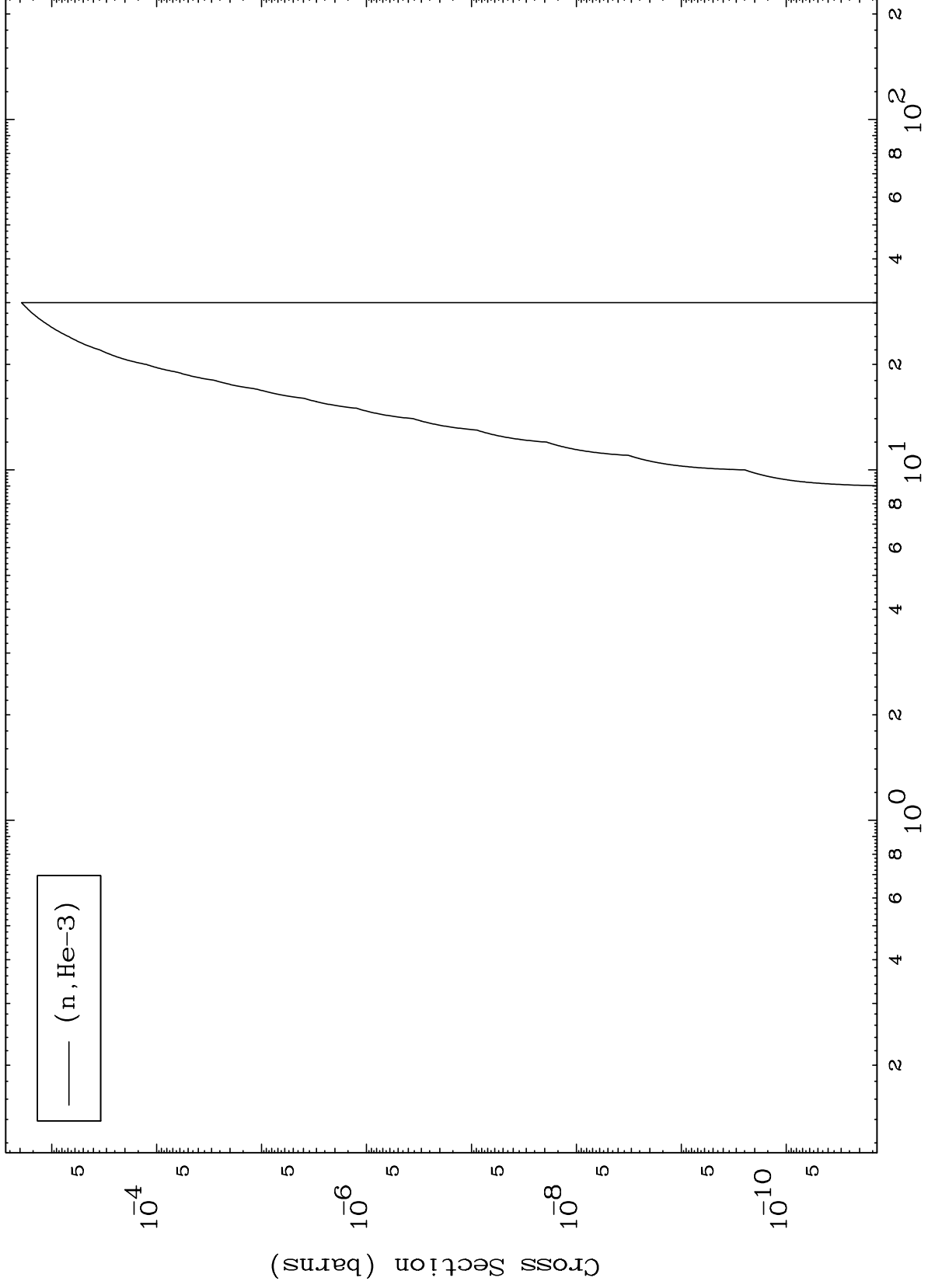
83-Bi-198m

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(d,He3) Levels

83-Bi-198m

0 Kelvin Cross Sections

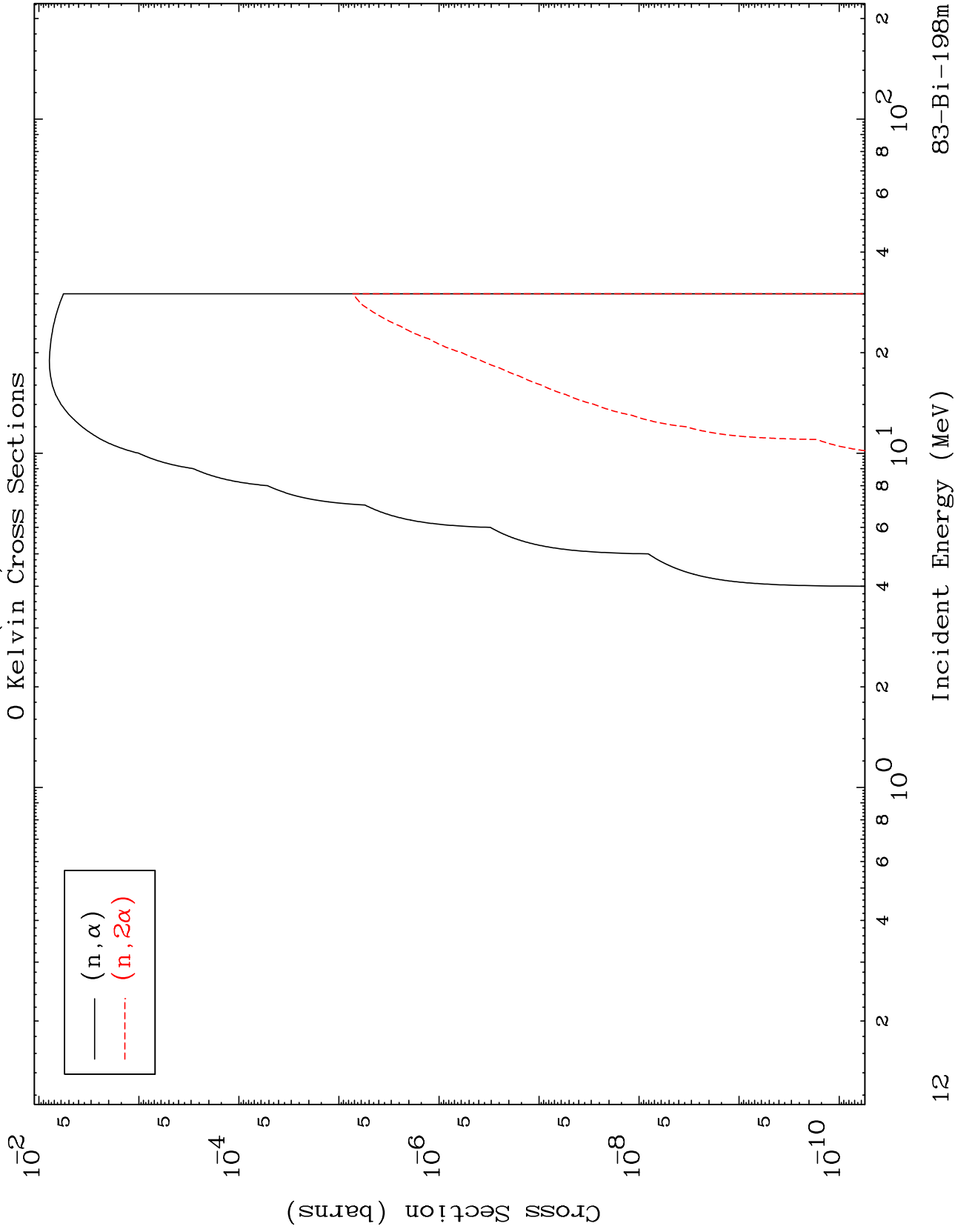


(n, He-3)

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(d,  $\alpha$ ) Levels

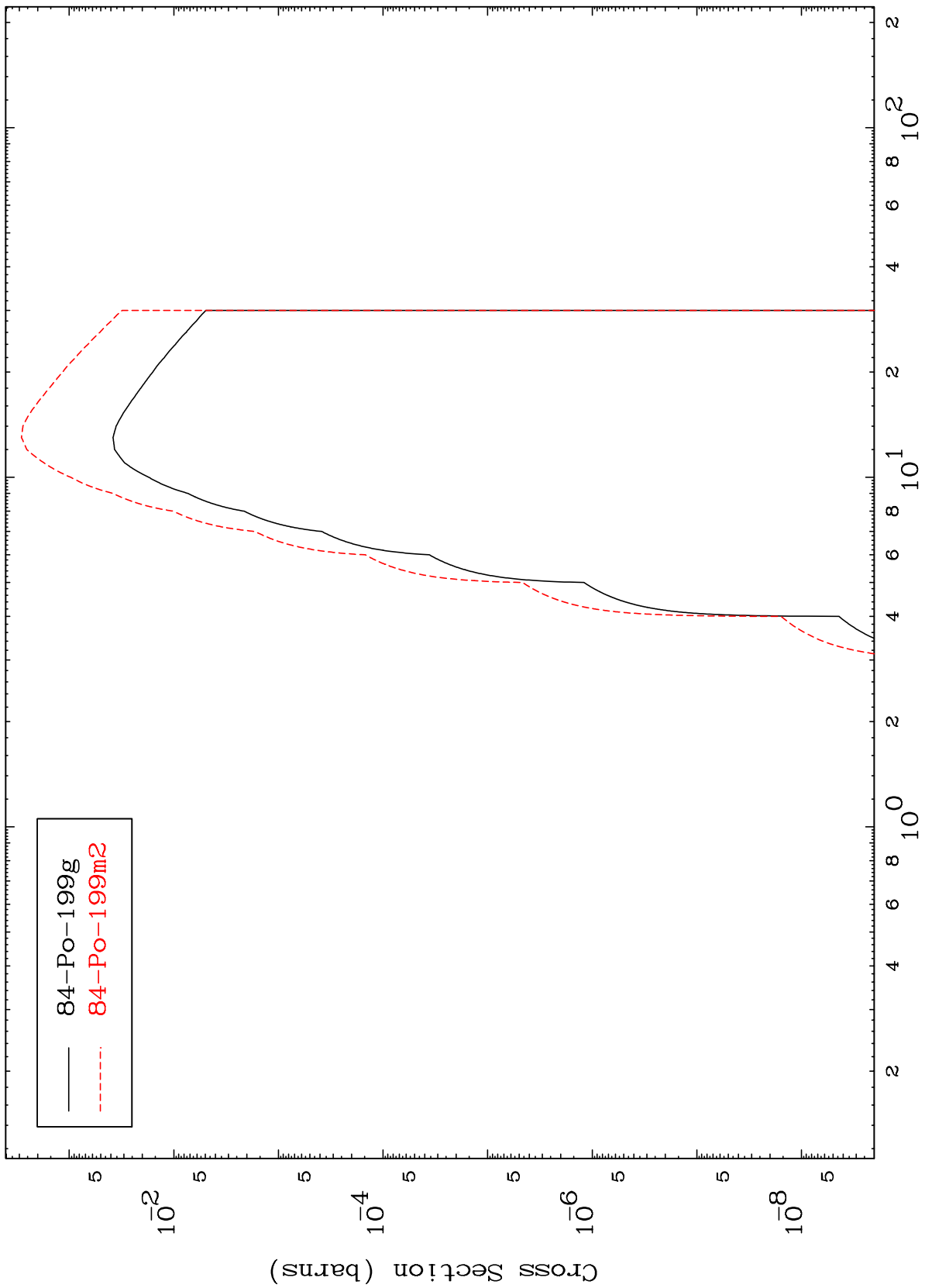
$^{83}\text{Bi}$ -198m



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83-Bi-198m

Radionuclide Production Cross Section



83-Bi-198m

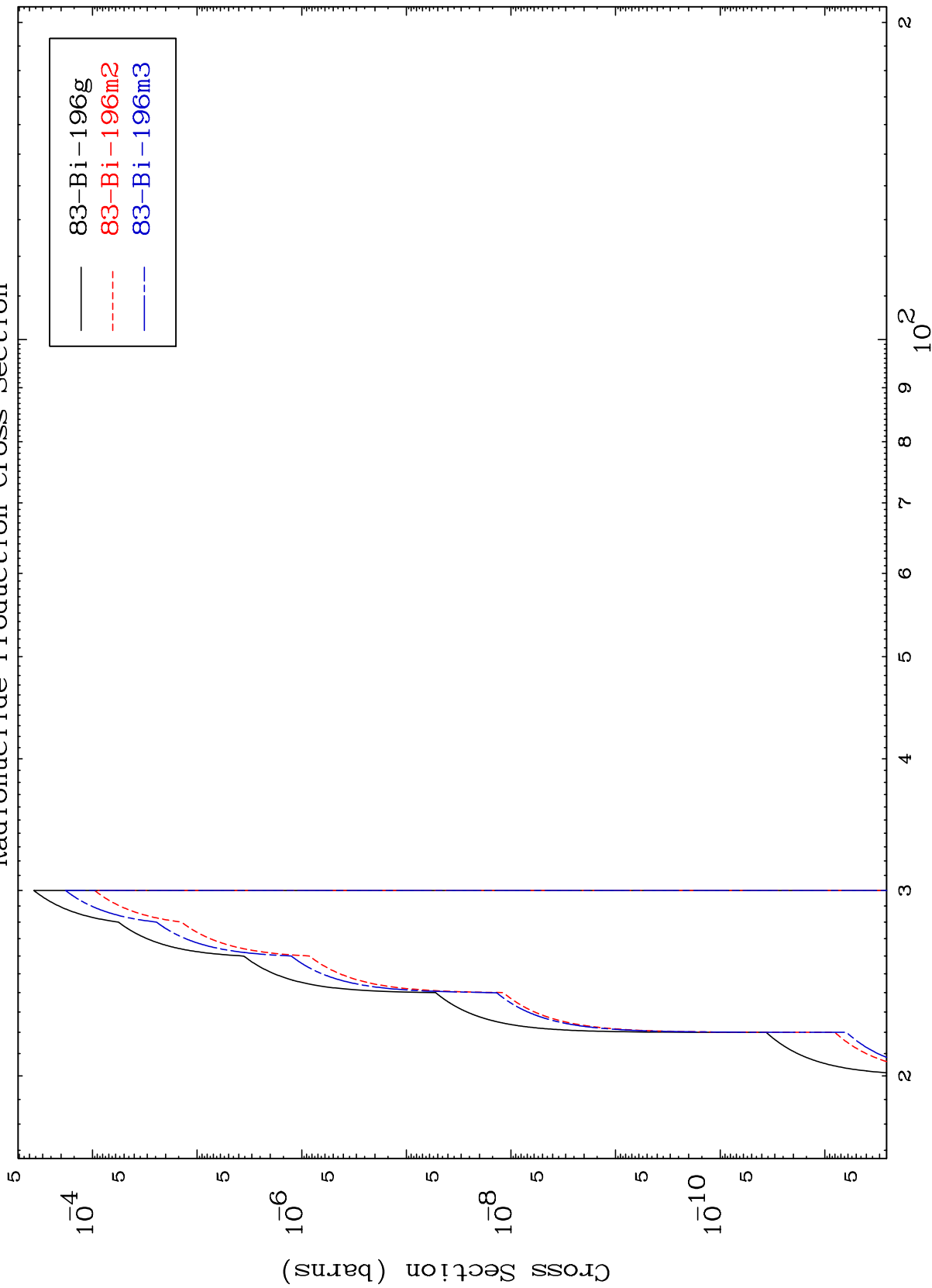
Incident Energy (MeV)

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(n,2n) d

83-Bi-198m

Radionuclide Production Cross Section

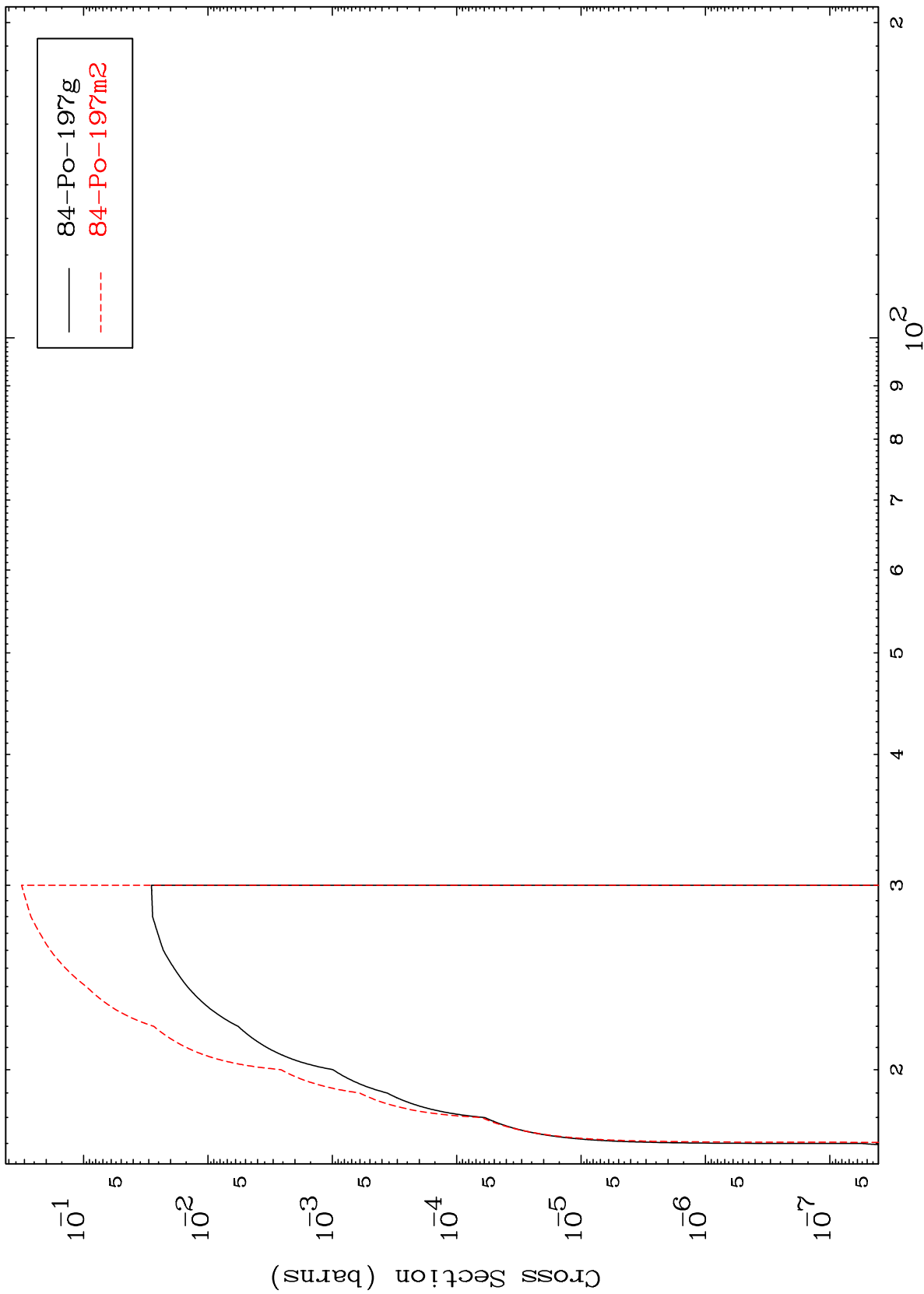


14

Incident Energy (MeV)

83-Bi-198m

(n,3n)  
Radionuclide Production Cross Section



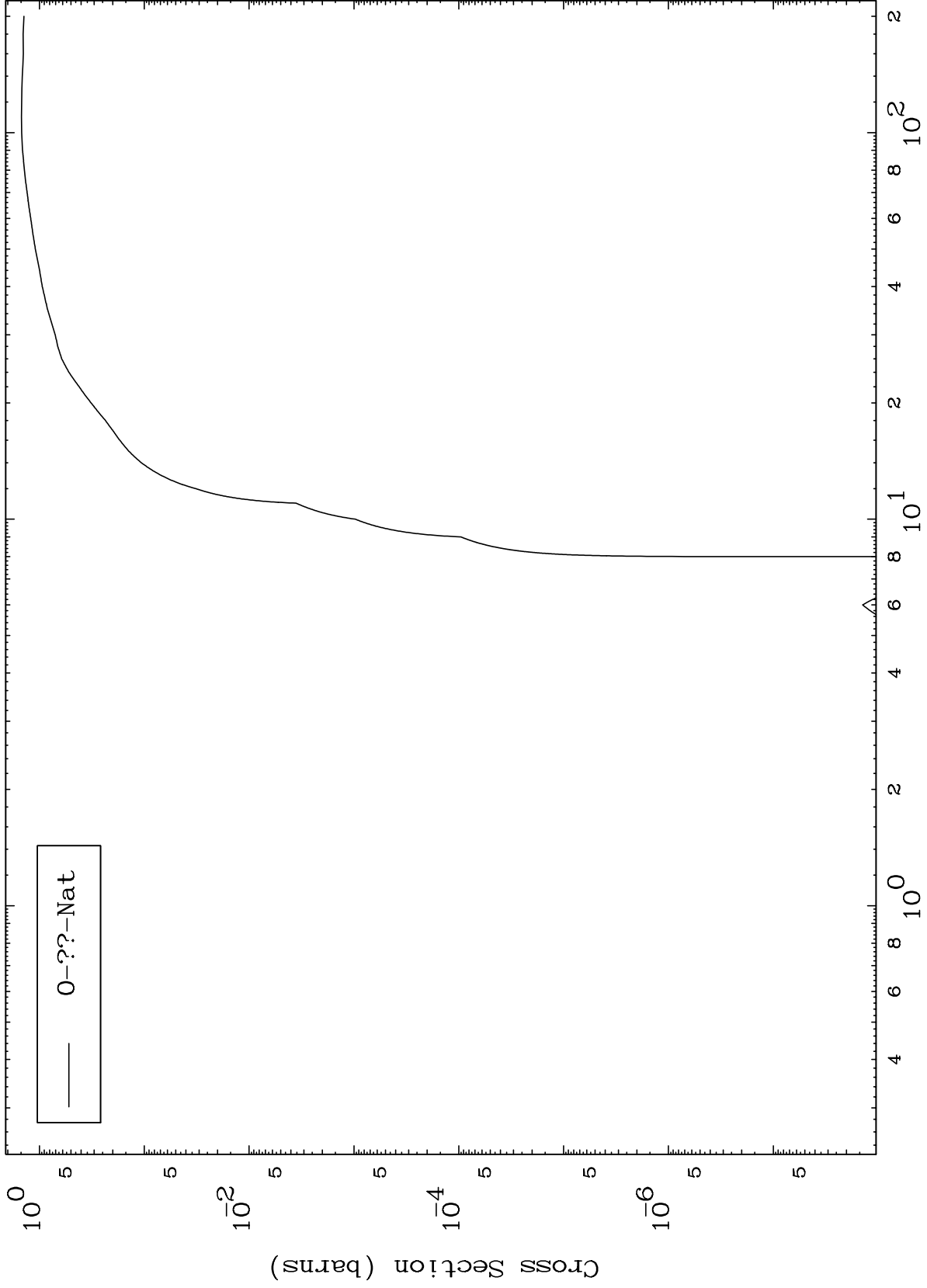


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Fission

<sup>83</sup>Bi-198m

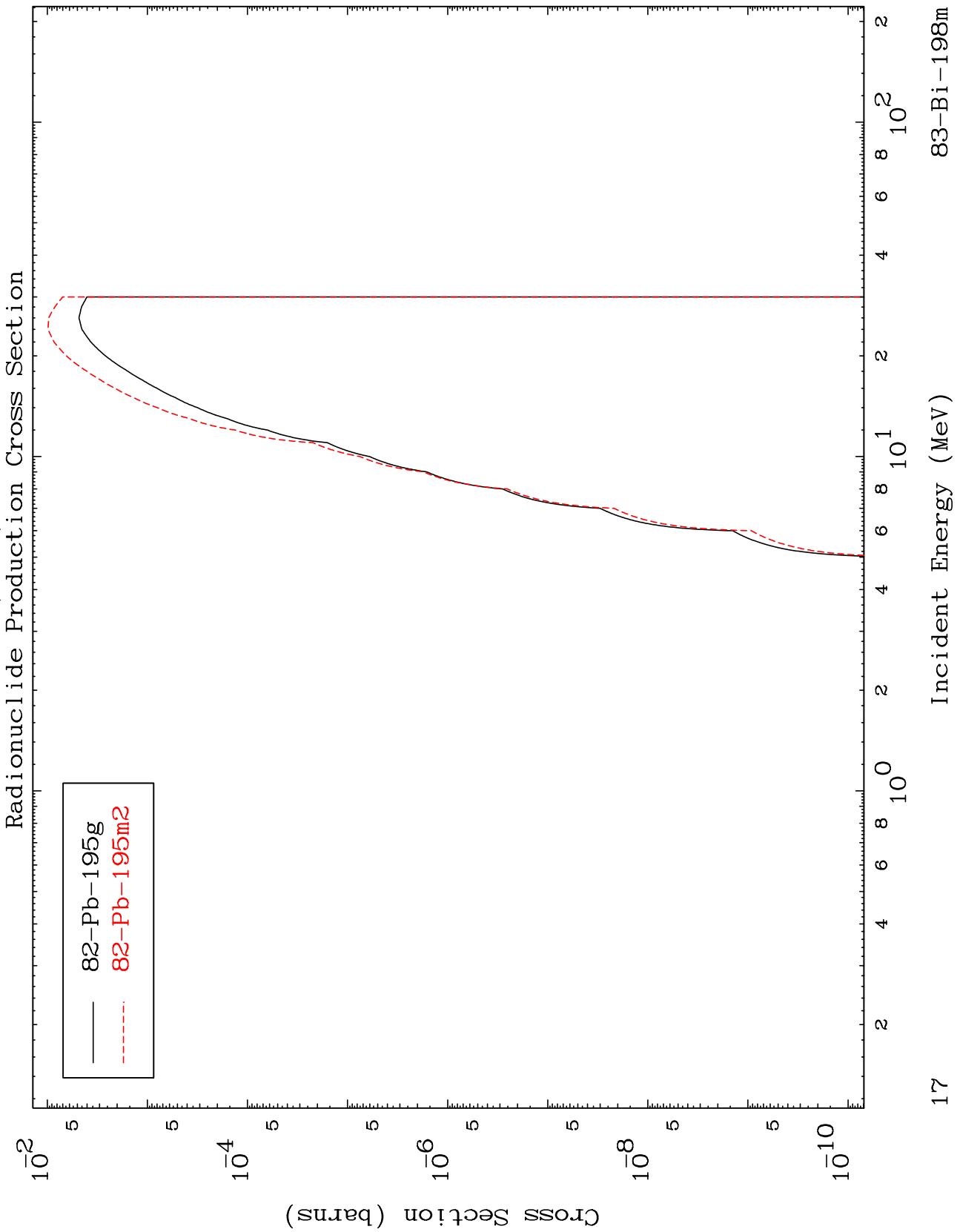
Radionuclide Production Cross Section



MAT 8293

$(n, n') \alpha$

83-Bi-198m

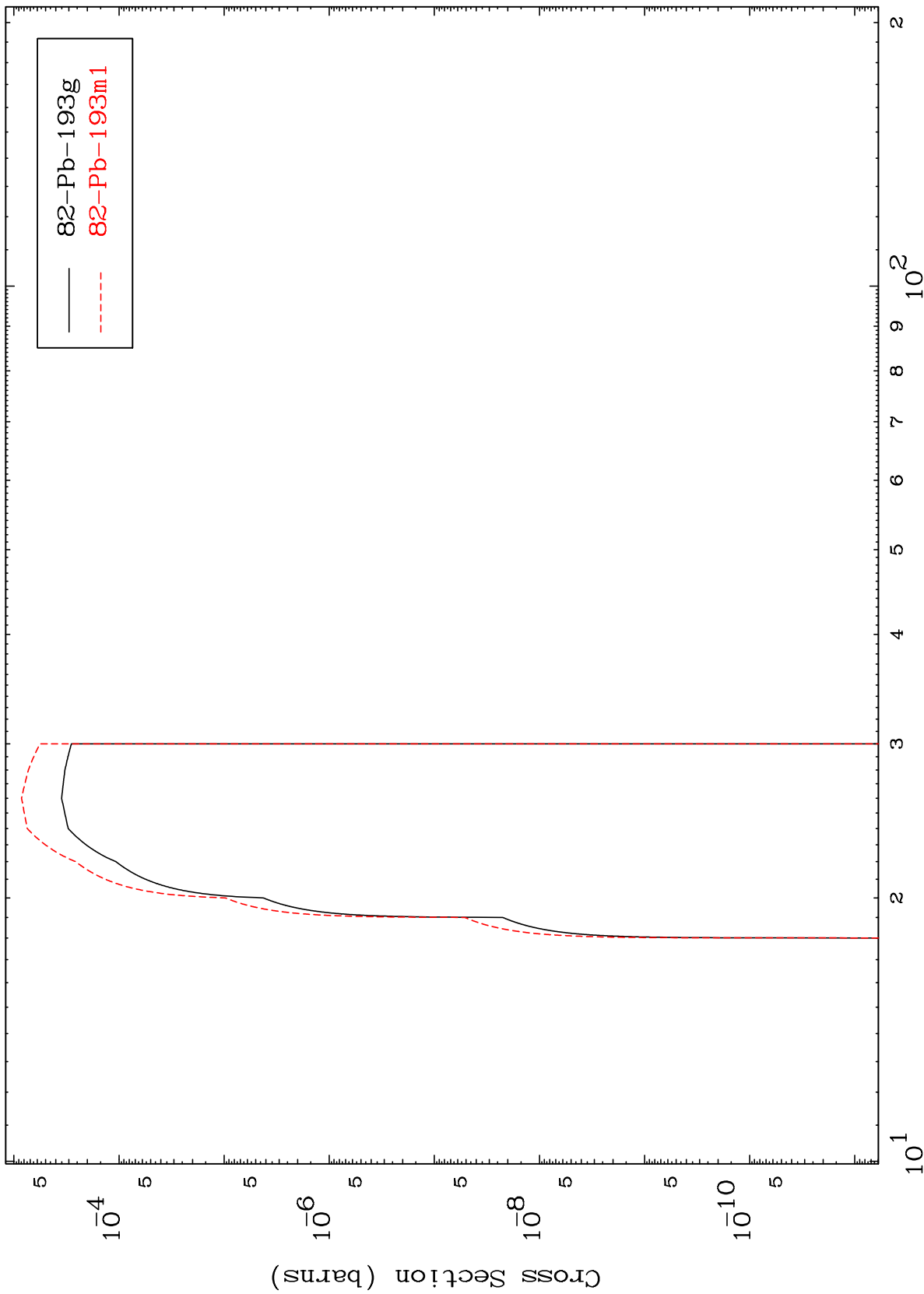


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(n,3n)  $\alpha$

83-Bi-198m

Radionuclide Production Cross Section



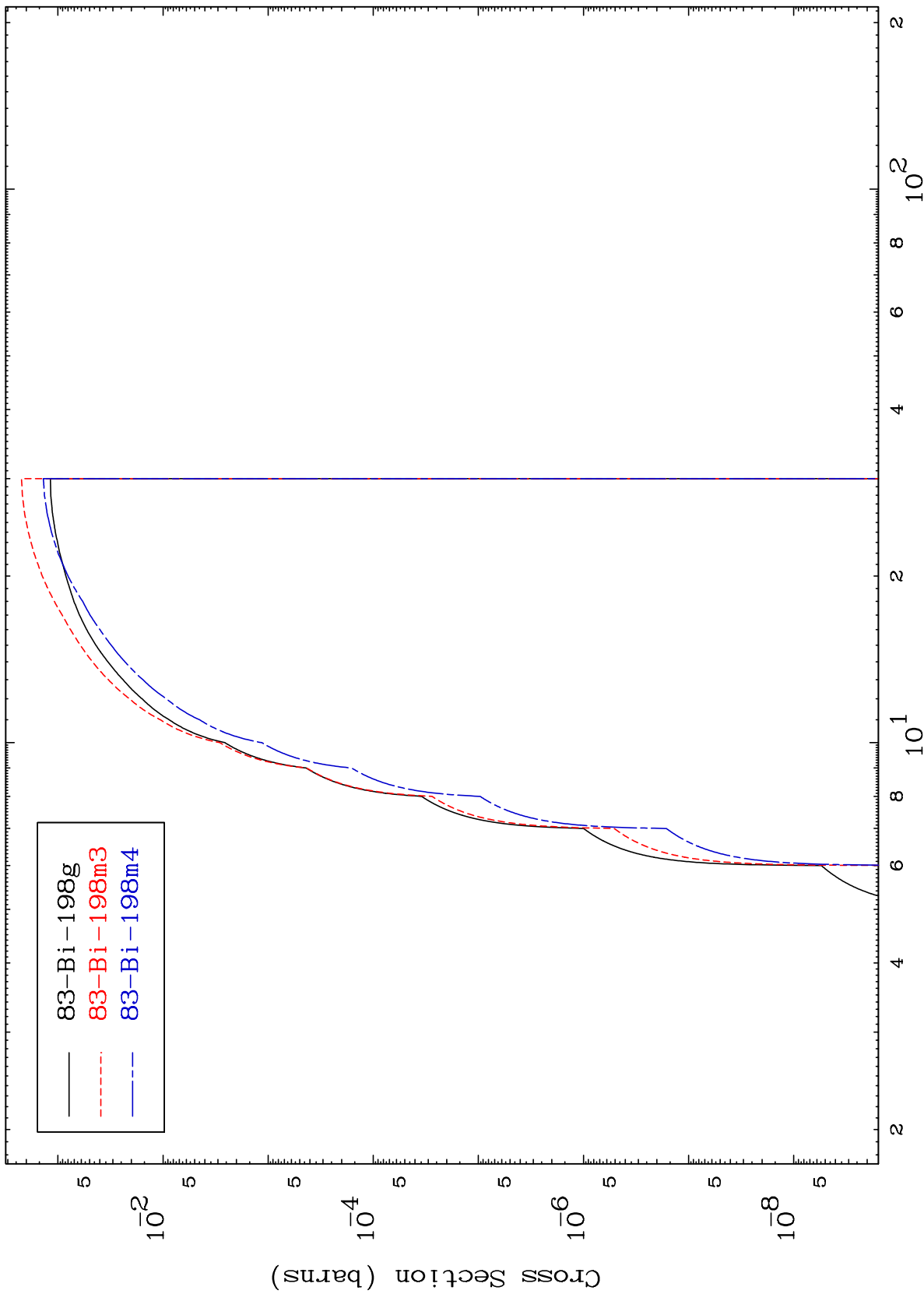
Incident Energy (MeV)

83-Bi-198m

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<sup>83</sup>Bi-198m

(n,n') p  
Radionuclide Production Cross Section



19

<sup>83</sup>Bi-198m

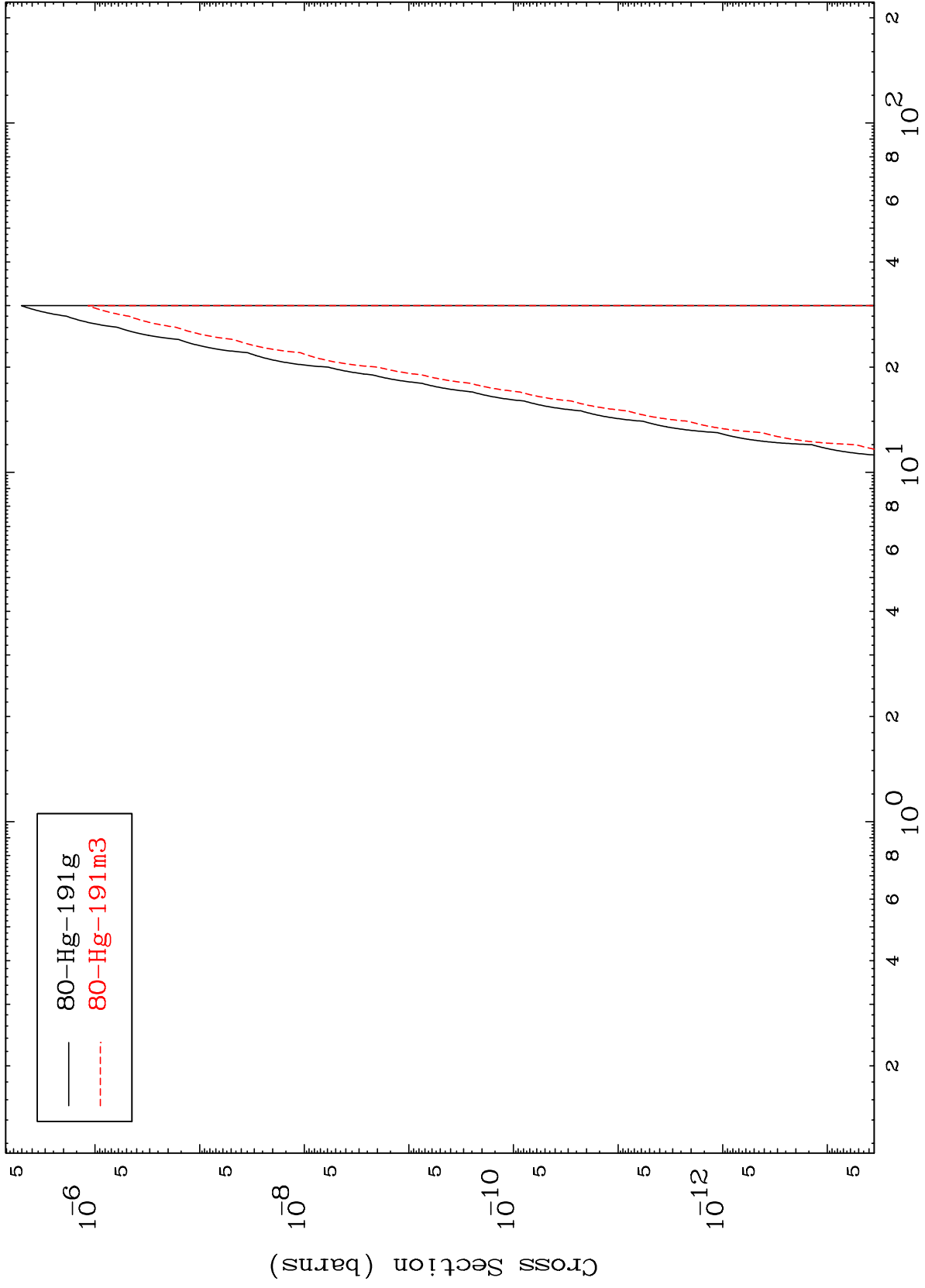
Incident Energy (MeV)

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(n,n') 2α

83-Bi-198m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

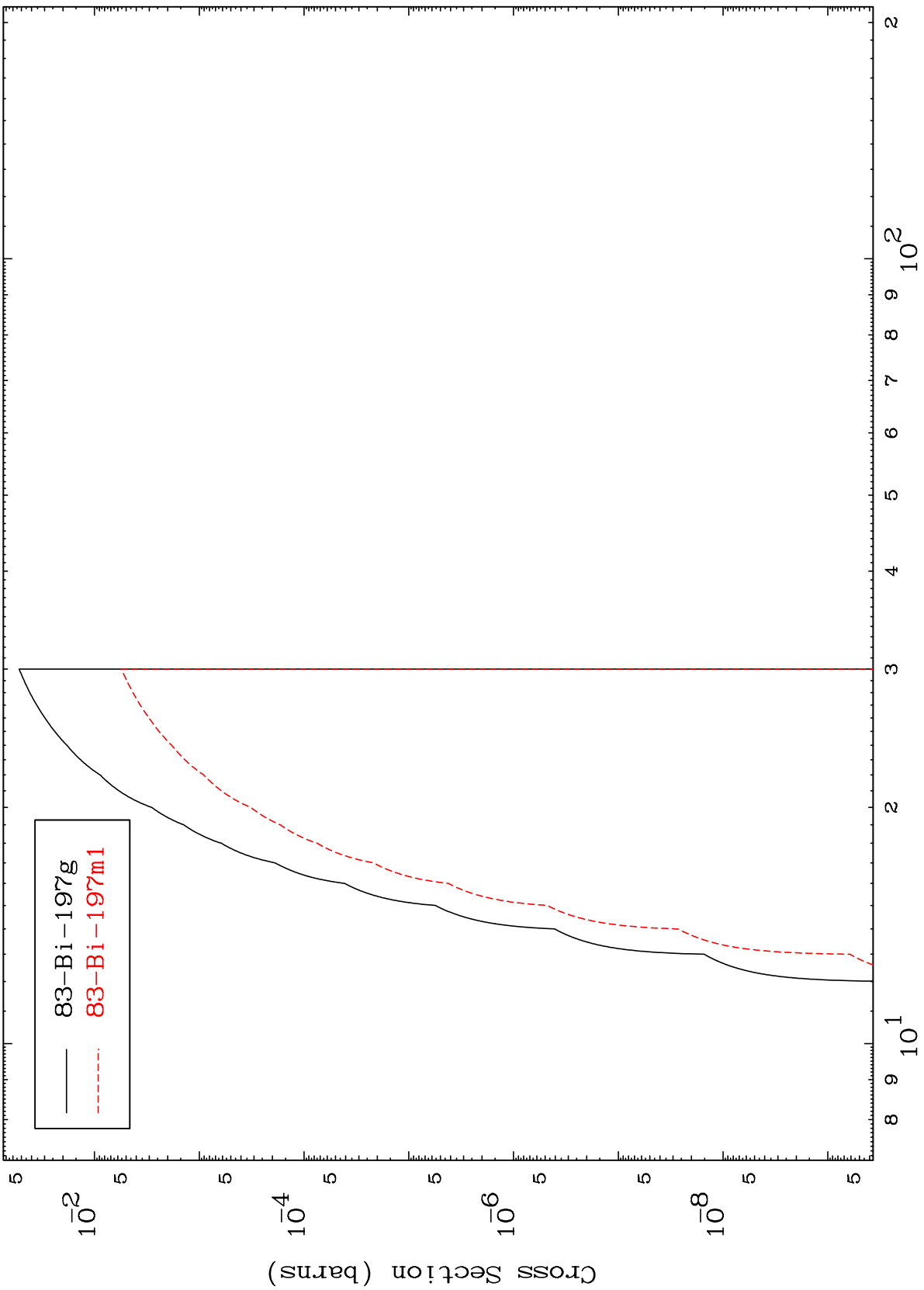
83-Bi-198m

MAT 8293

(n,n') d

83-Bi-198m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

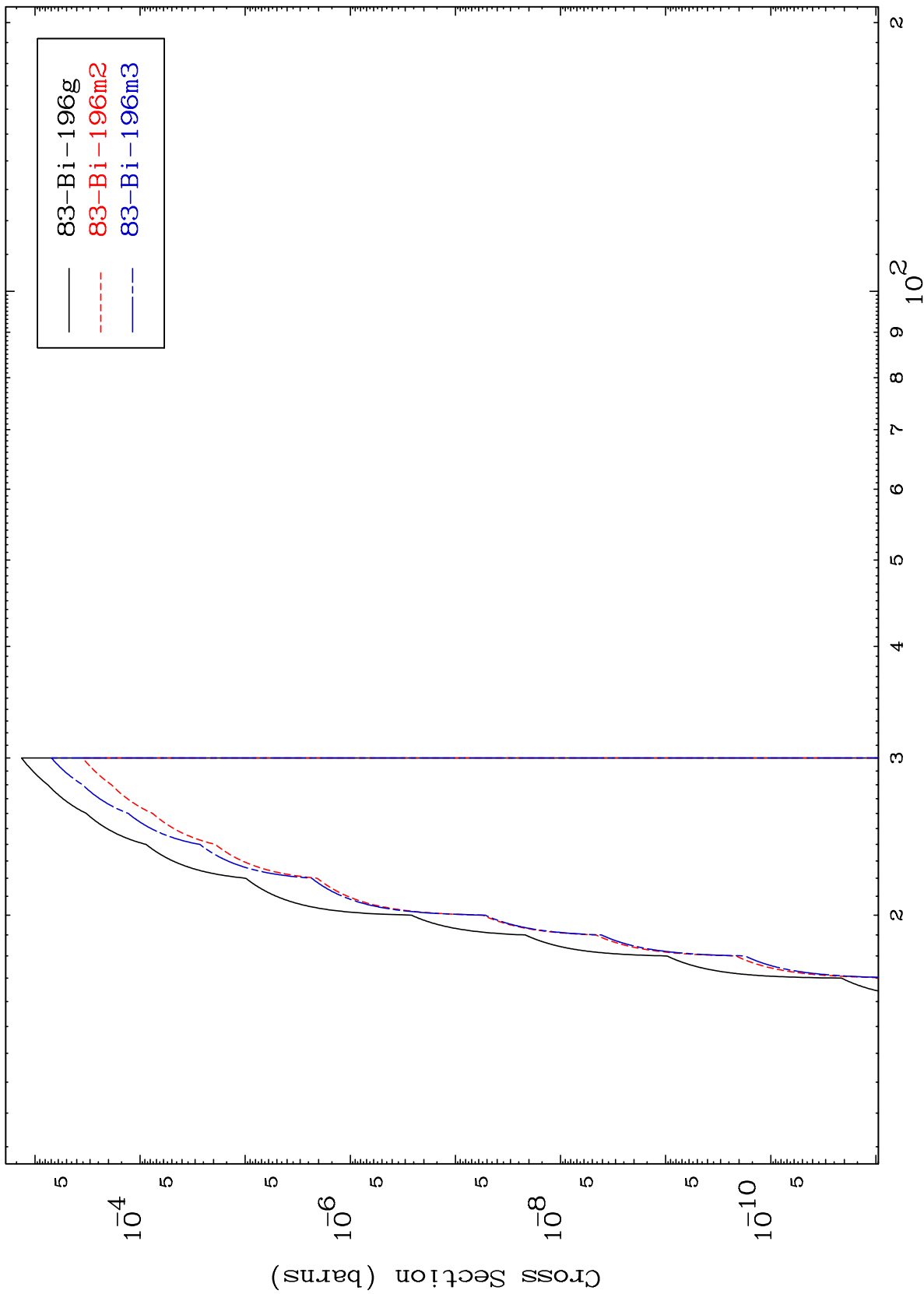
83-Bi-198m

MAT 8293

$(n, n')$  t

$^{83}\text{Bi}-198\text{m}$

Radionuclide Production Cross Section

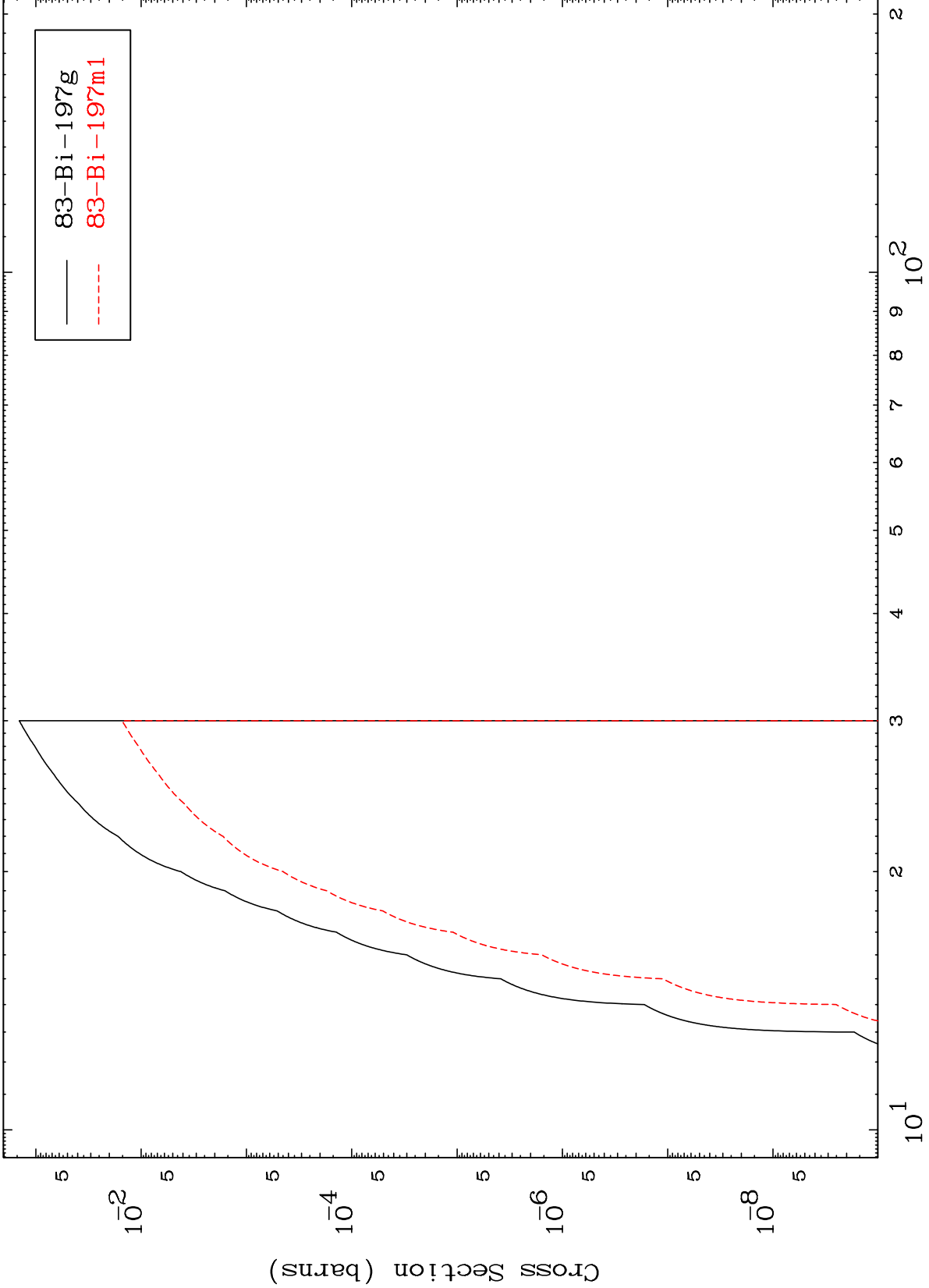


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(n,2n) p

83-Bi-198m

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

23

Incident Energy (MeV)

83-Bi-198m

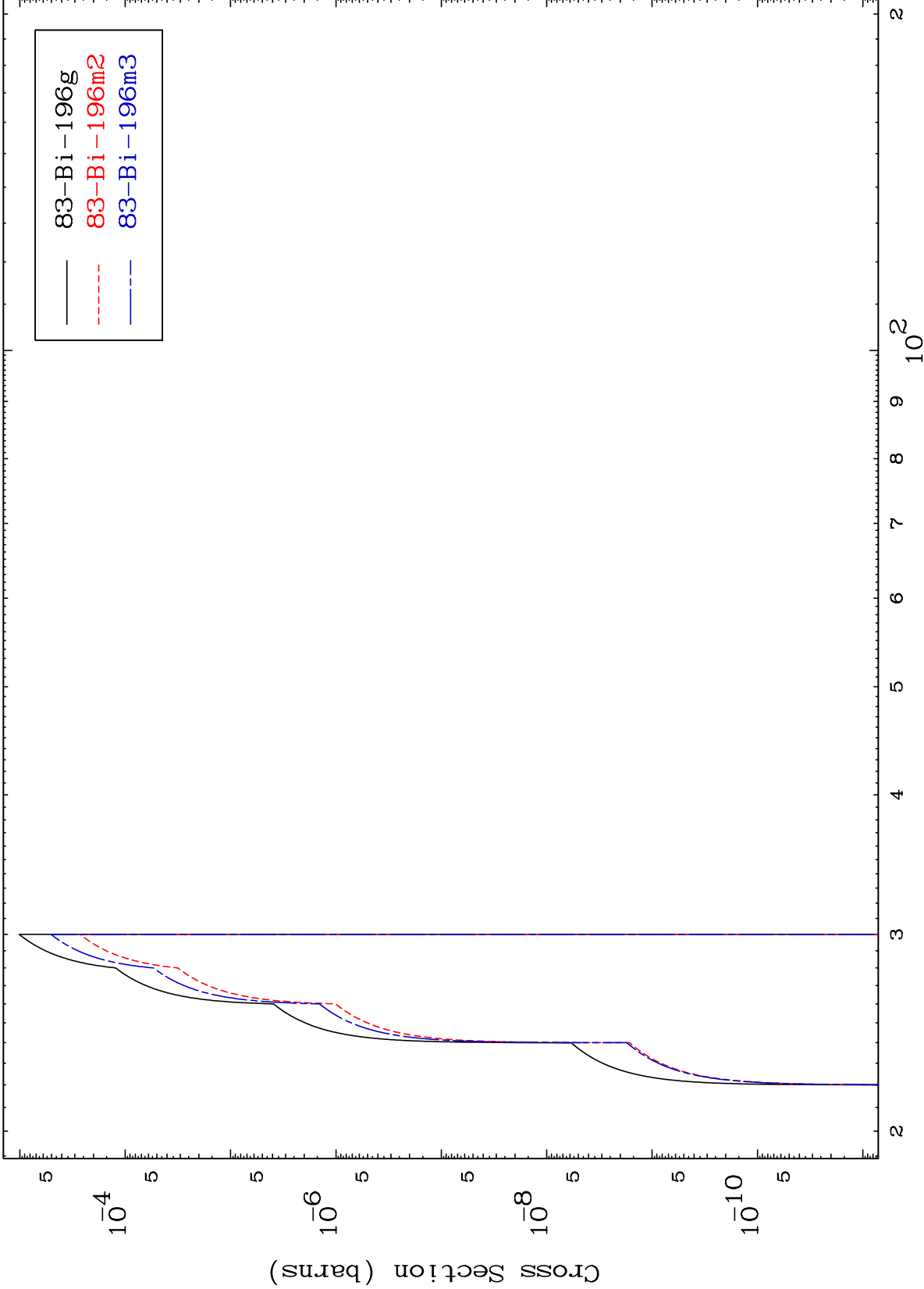


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(n,3n) p

83-Bi-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

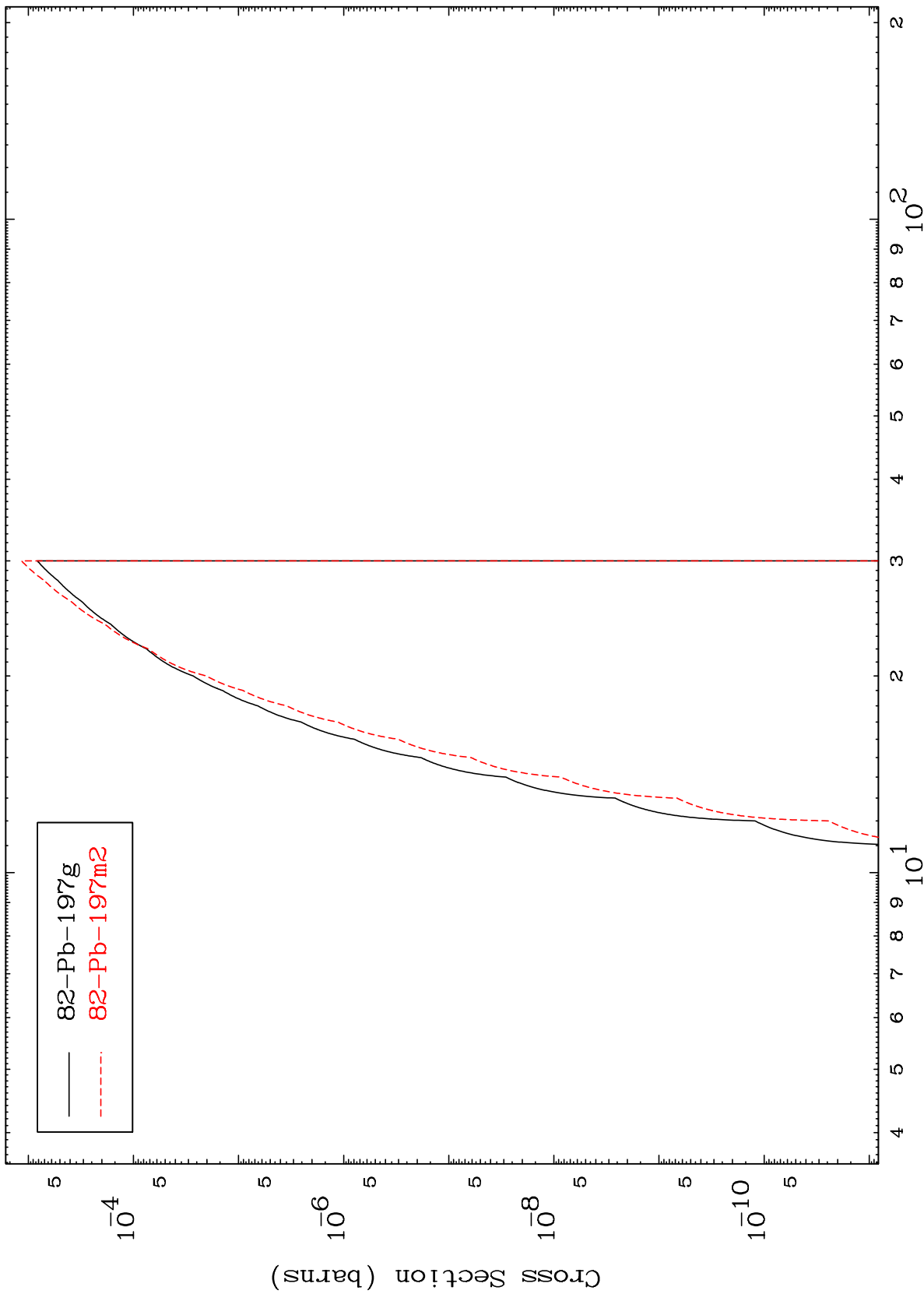
83-Bi-198m

MAT 8293

(n,2n) p

83-Bi-198m

Radionuclide Production Cross Section



25

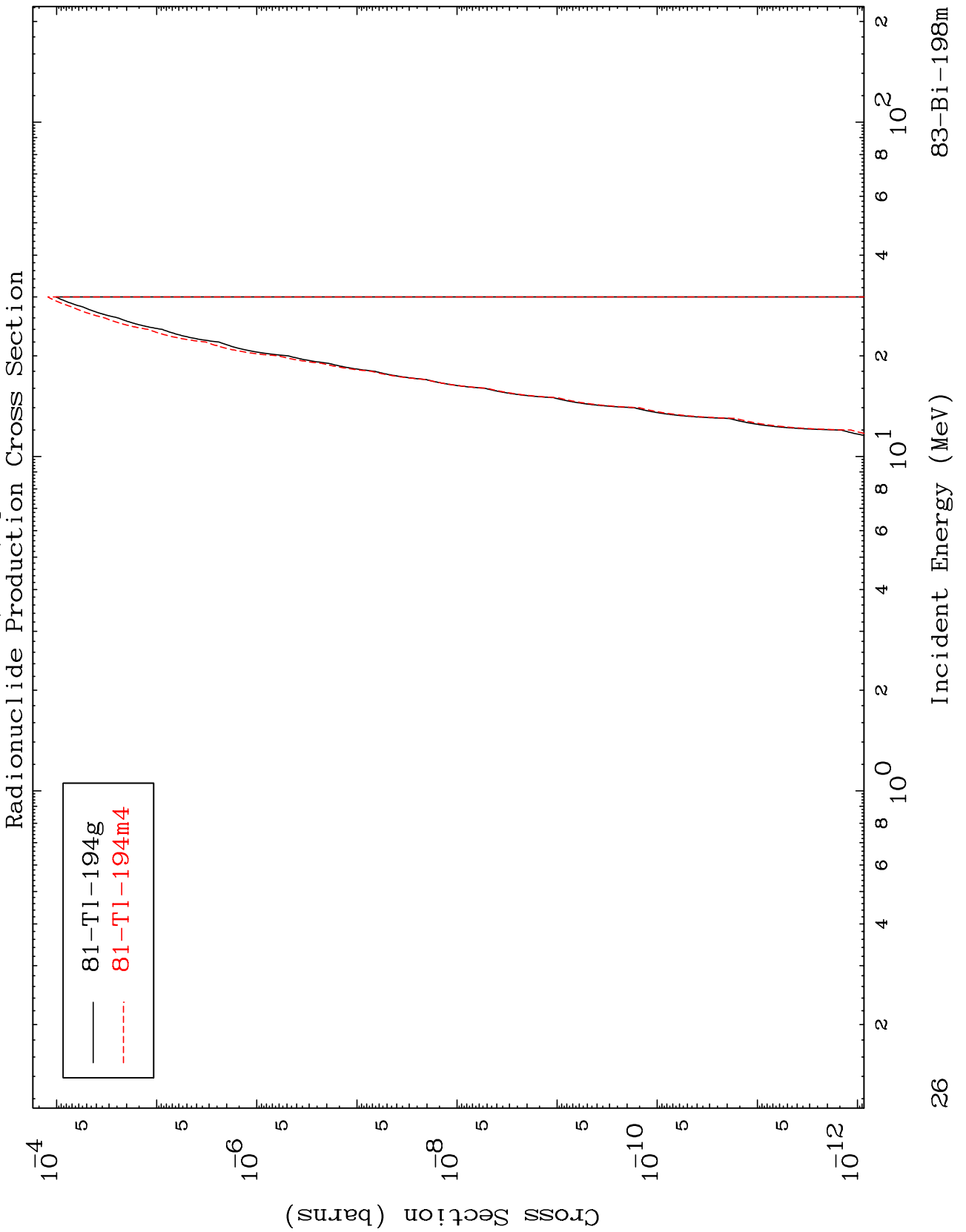
Incident Energy (MeV)

83-Bi-198m

MAT 8293

(n,n') p  $\alpha$

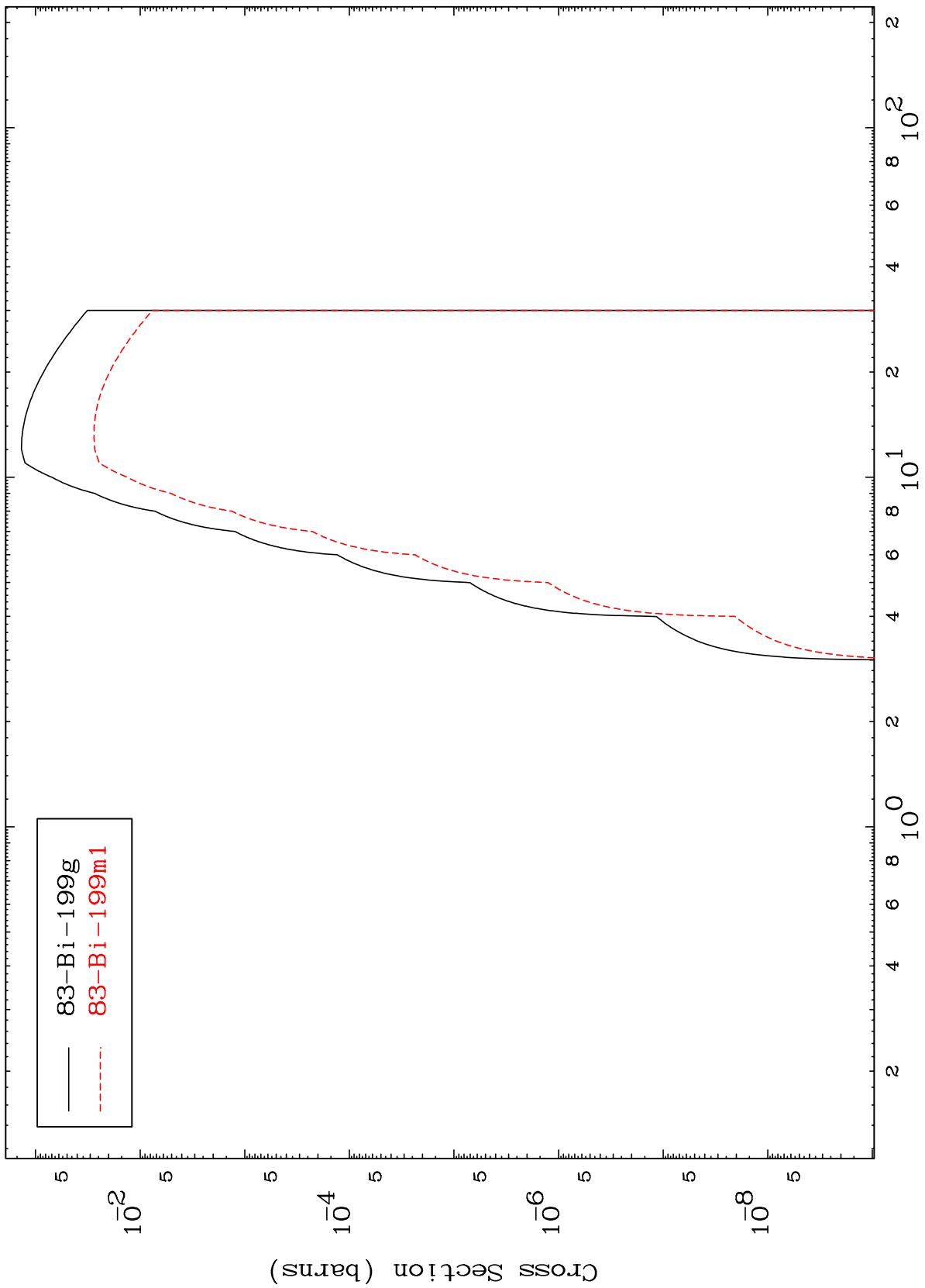
83-Bi-198m



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<sup>83</sup>Bi-198m

(n,p)  
Radionuclide Production Cross Section

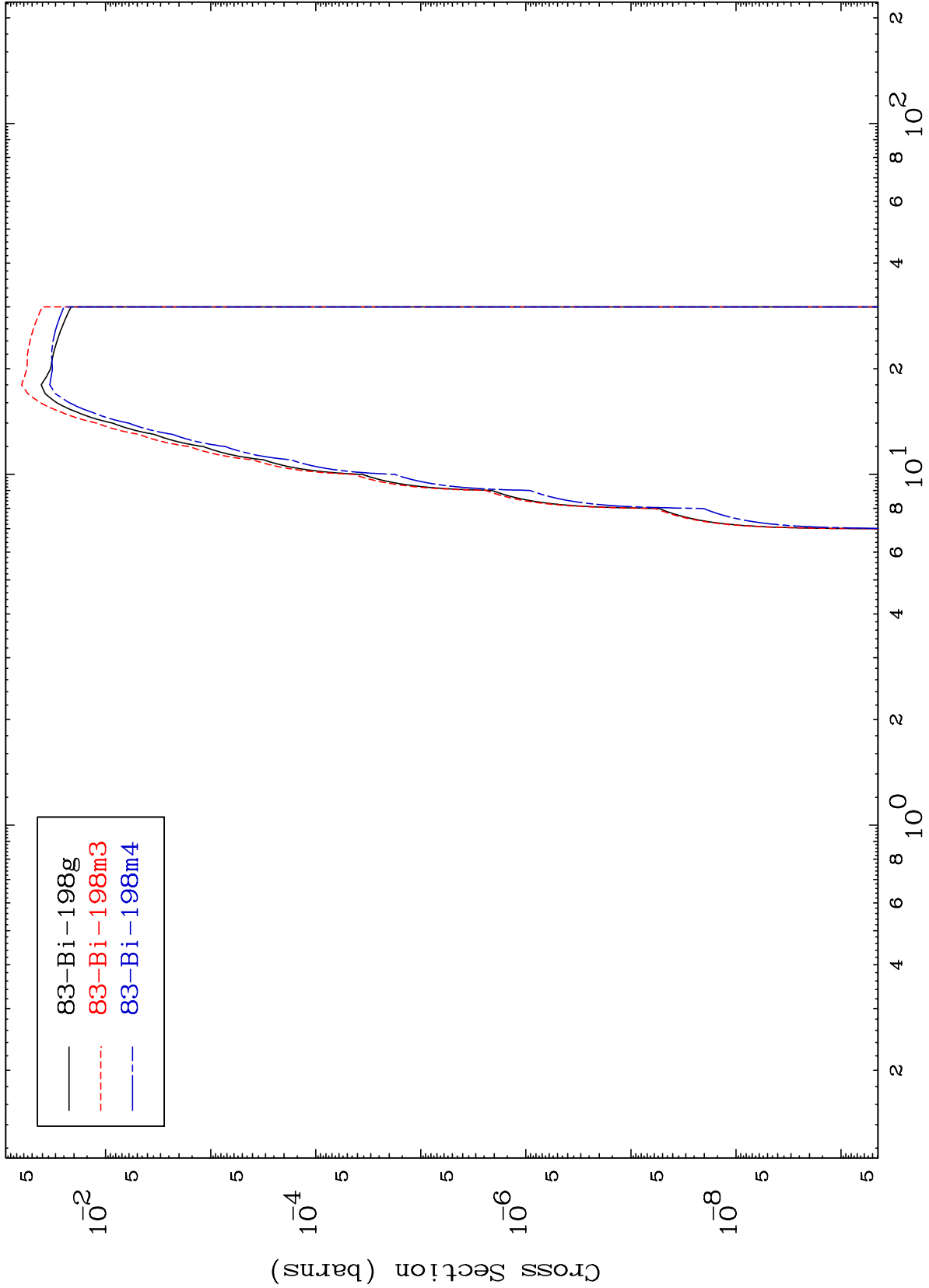


<sup>83</sup>Bi-198m

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<sup>83</sup>Bi-198m

(n,d)  
Radionuclide Production Cross Section



<sup>83</sup>Bi-198m

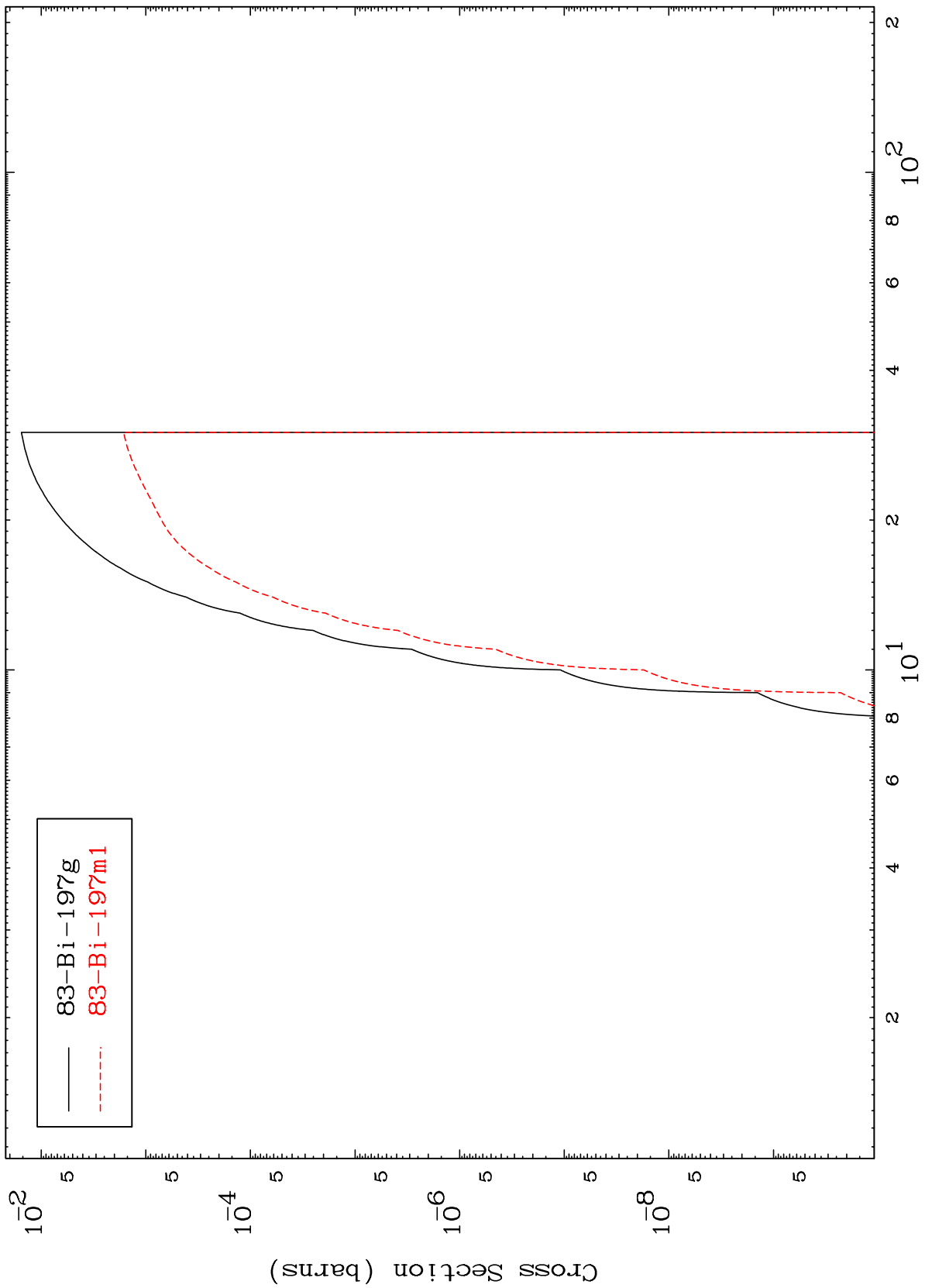
Incident Energy (MeV)

28

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83-Bi-198m

(n, t)  
Radionuclide Production Cross Section

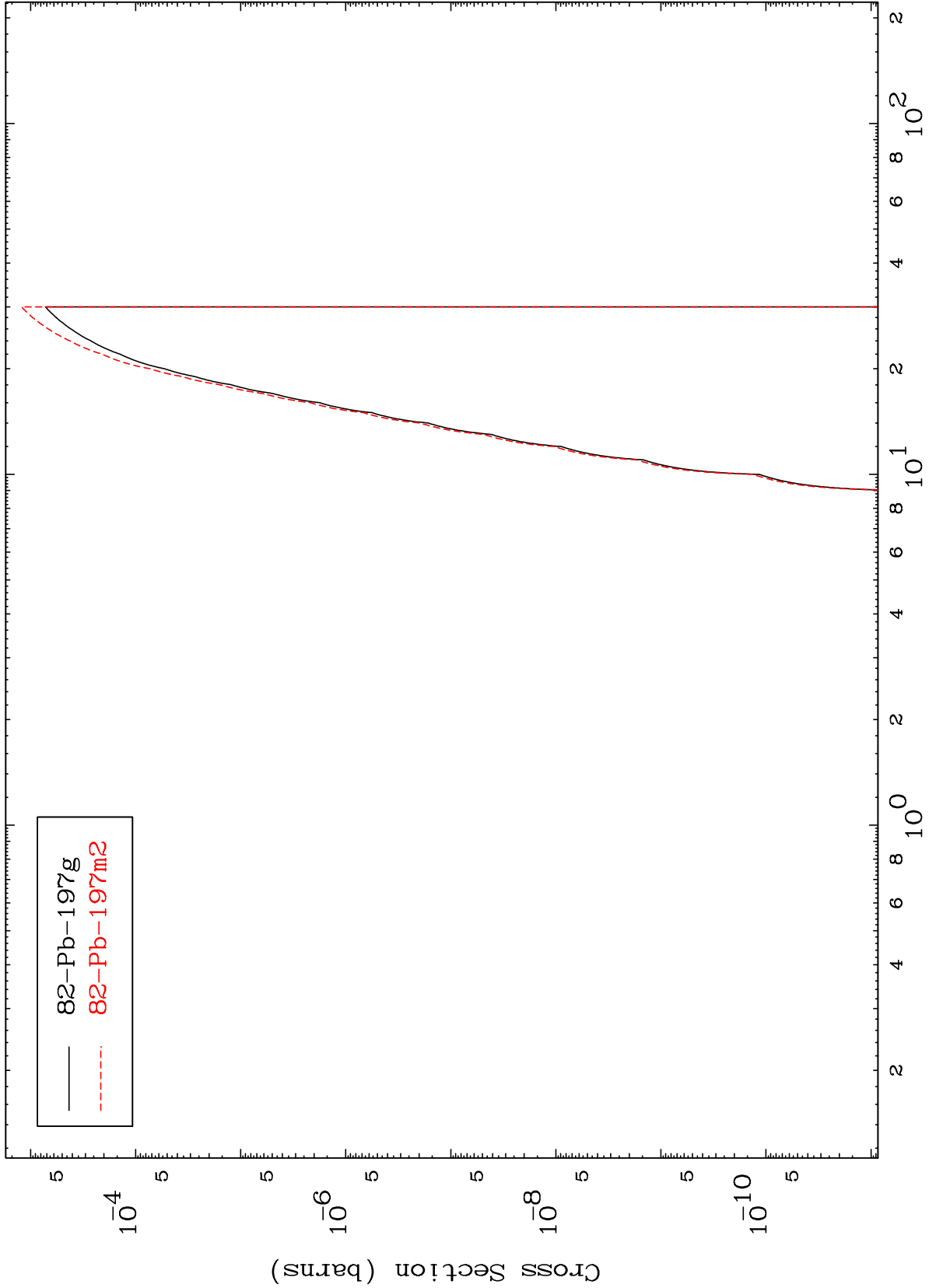


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(n,He-3)

83-Bi-198m

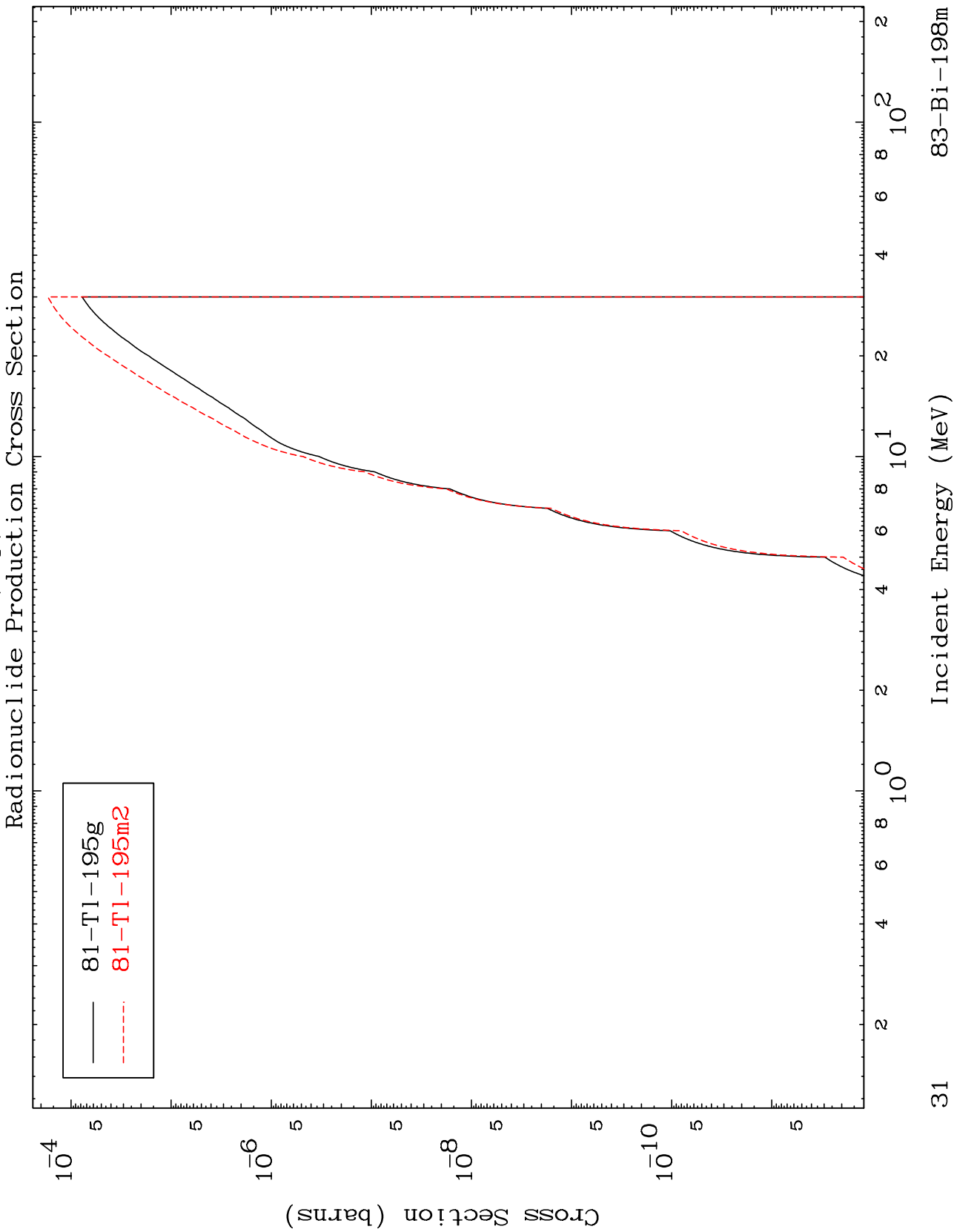
Radionuclide Production Cross Section



MAT 8293

(n,p)  $\alpha$

83-Bi-198m



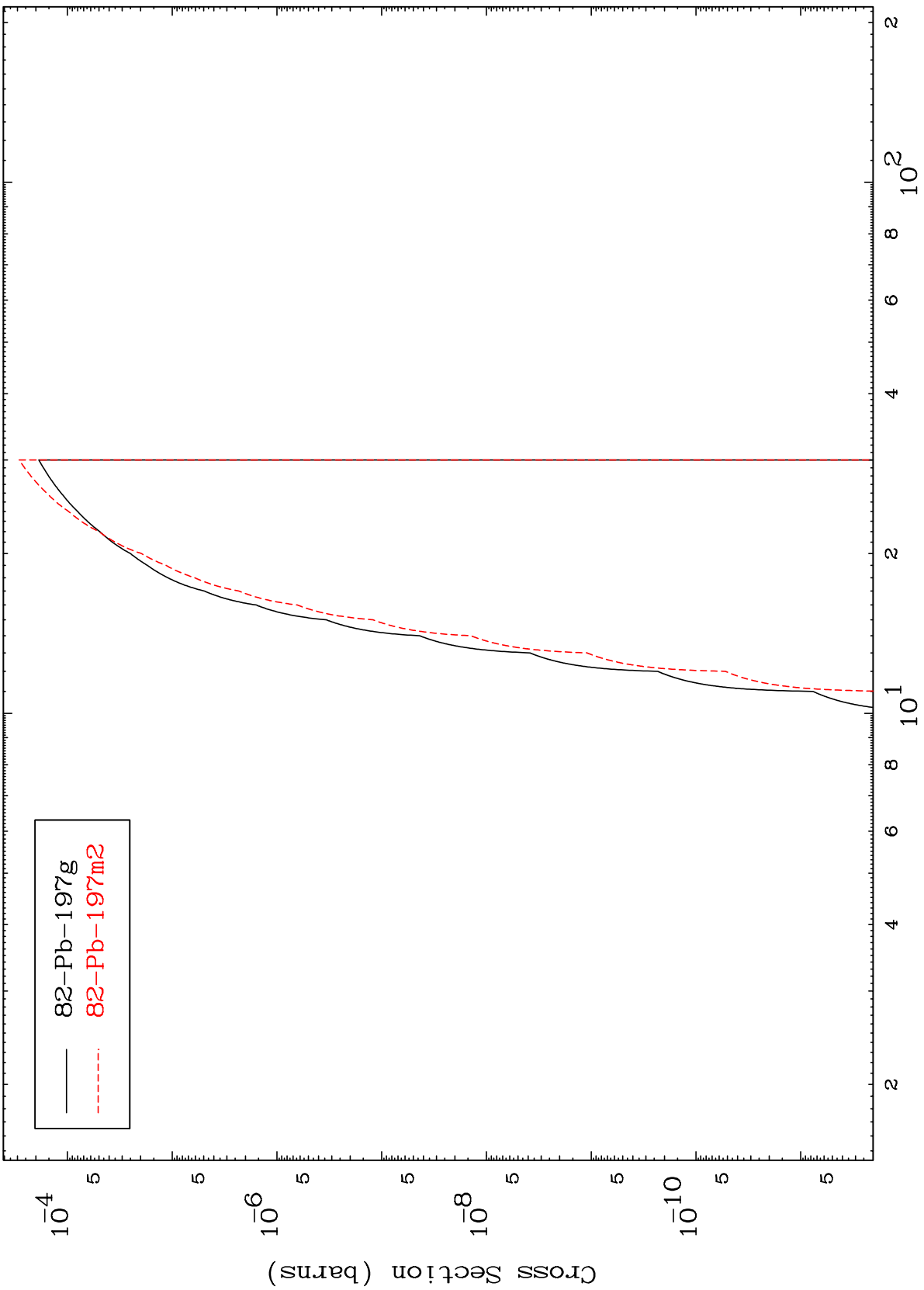


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(n,p) d

83-Bi-198m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-198m

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(n,d)  $\alpha$

$^{83}\text{Bi}$ -198m

Radionuclide Production Cross Section

