

Program EVALPLOT  
(Version 2021-1)

by

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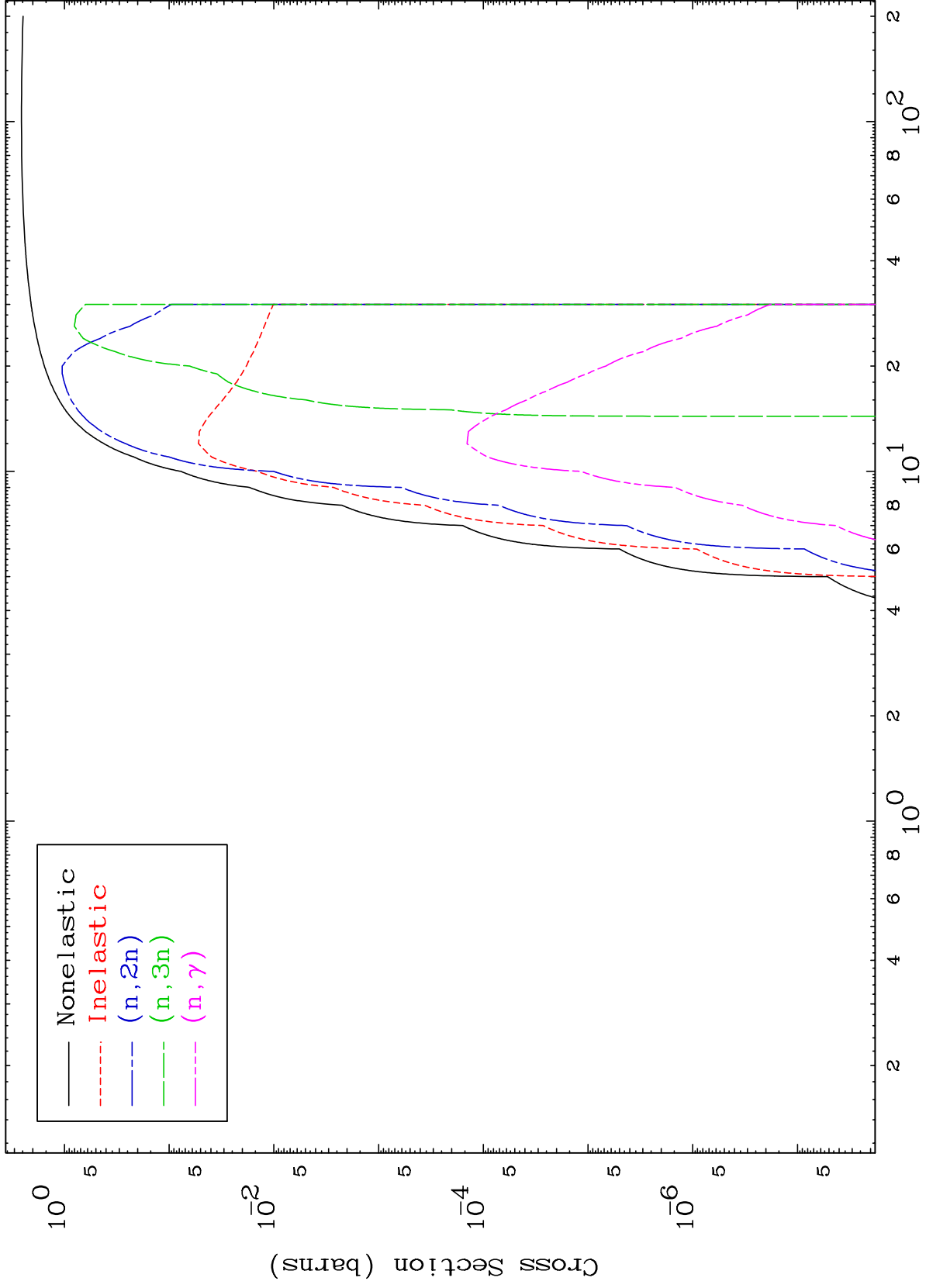
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8296

Triton Major  
0 Kelvin Cross Sections

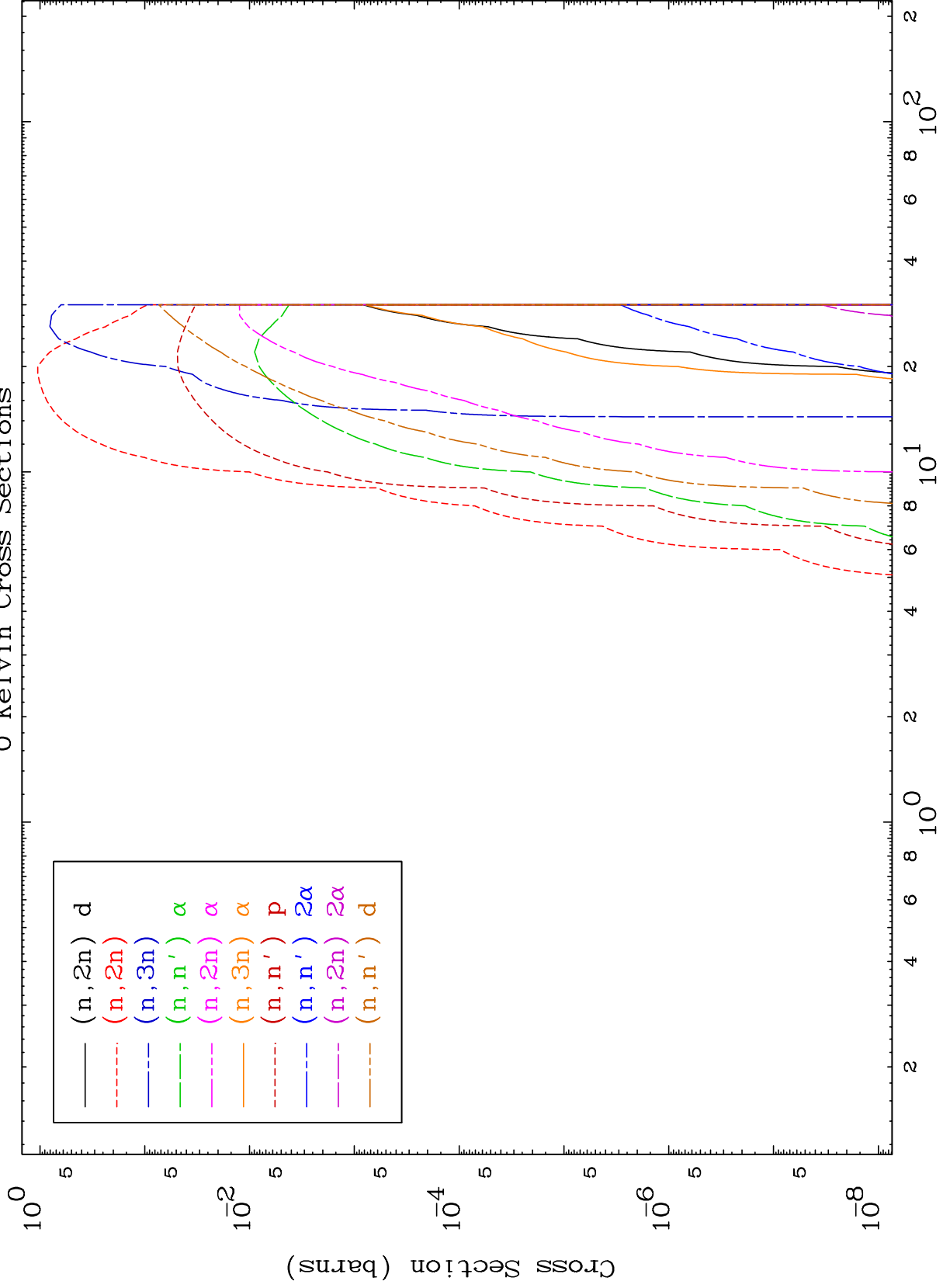
83-Bi-199m

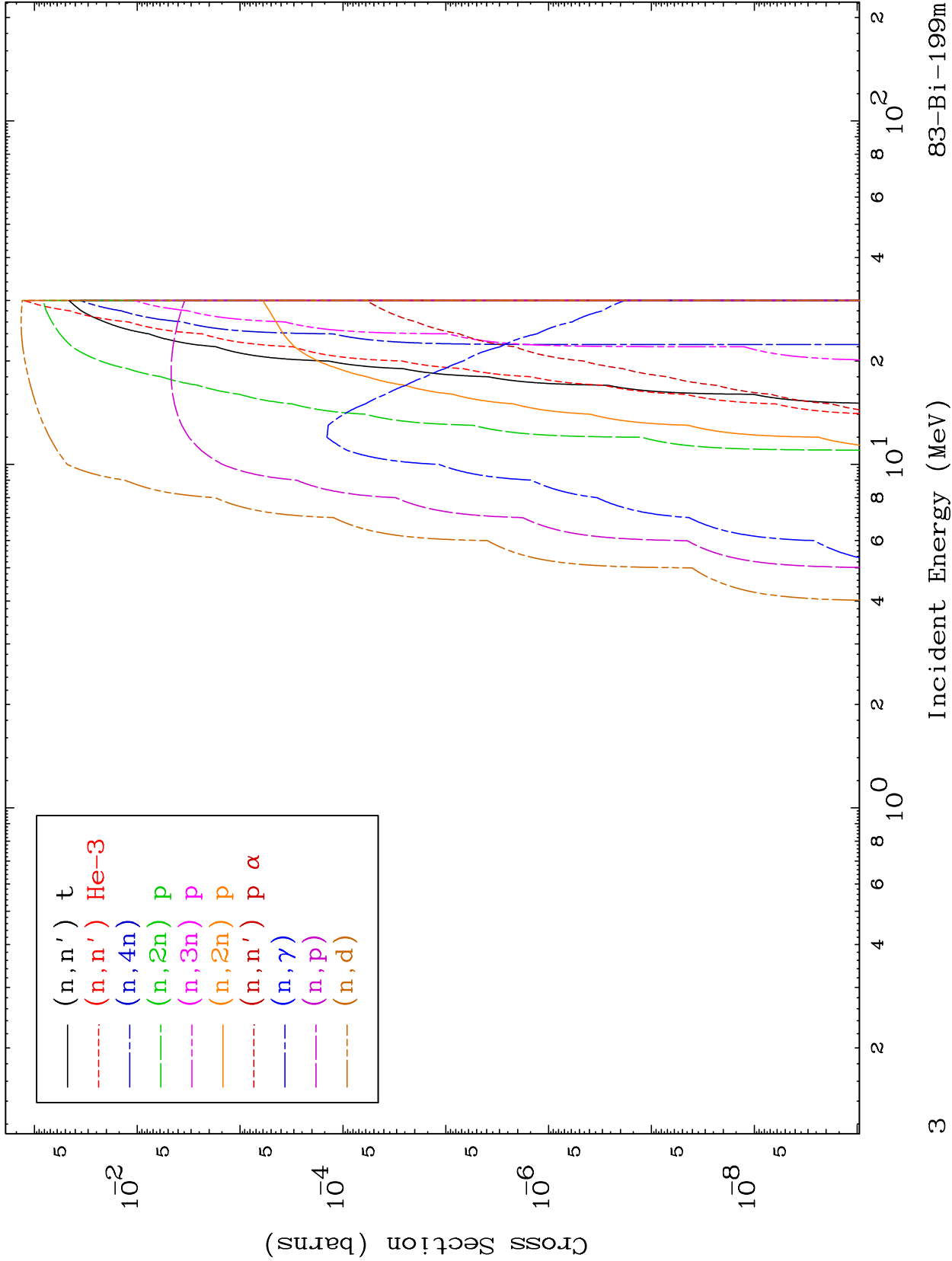


MAT 8296

Triton Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-199m

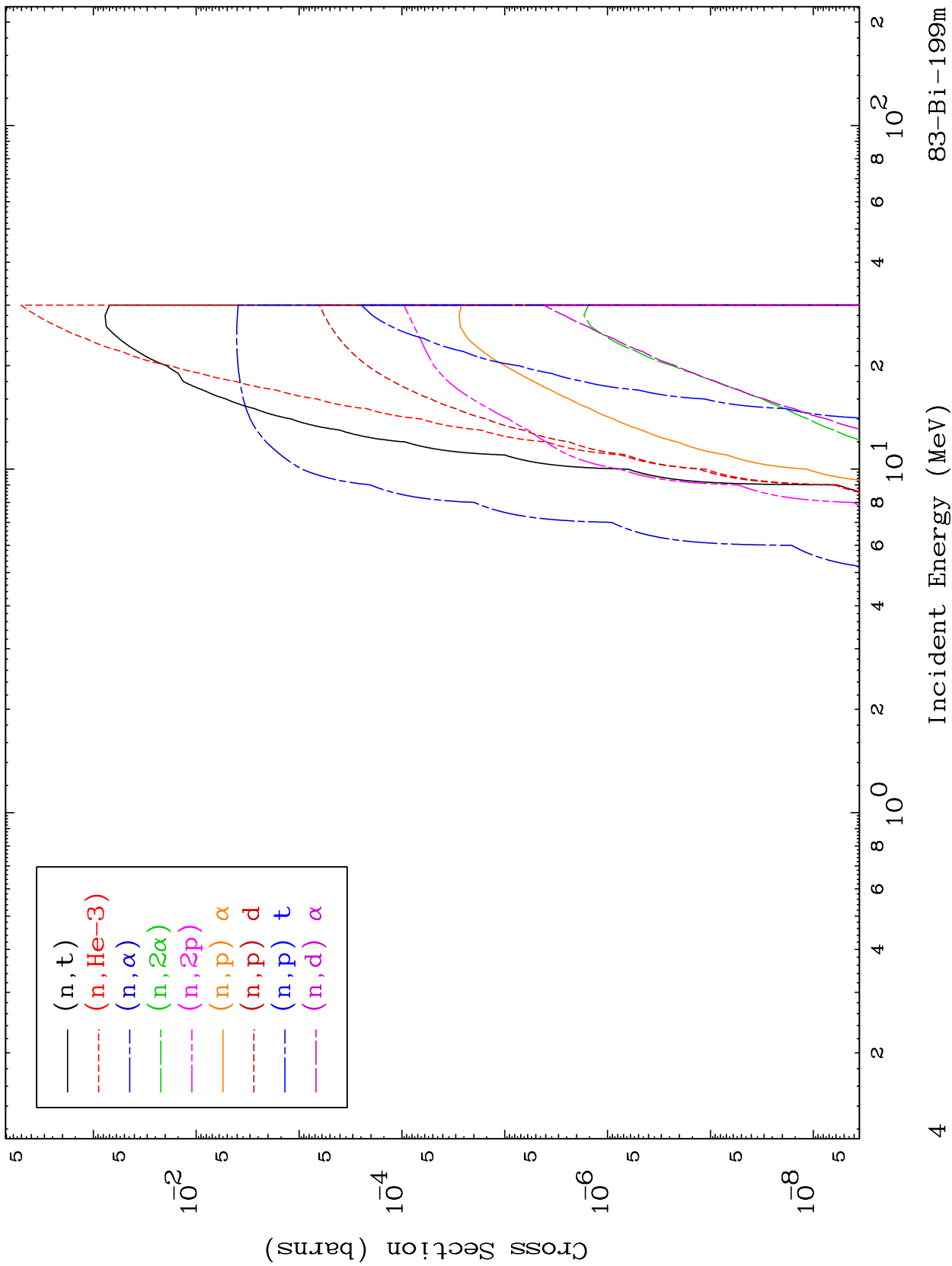




MAT 8296

Triton Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-199m

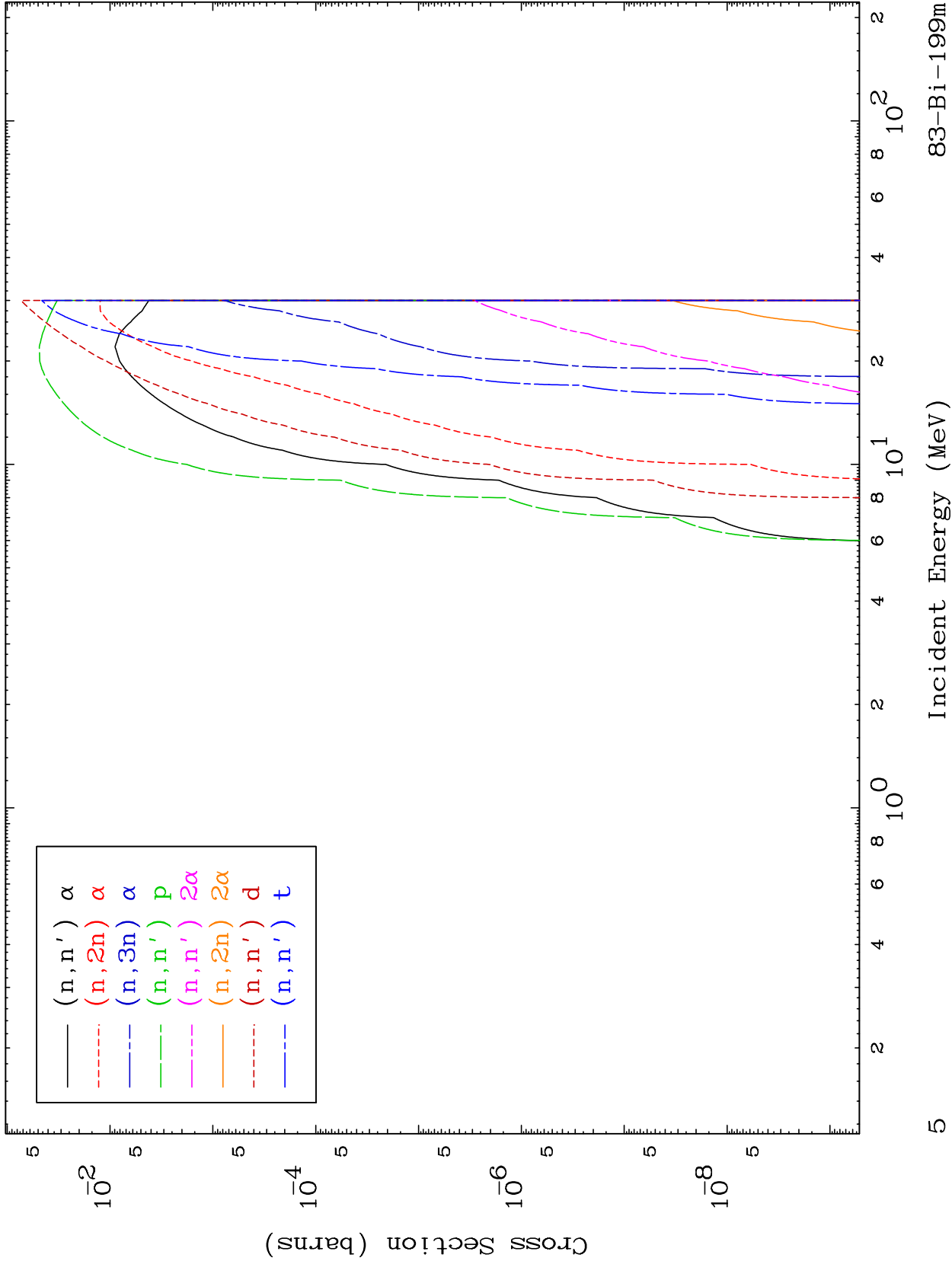


83-Bi-199m

MAT 8296

Triton Charged Particle  
0 Kelvin Cross Sections

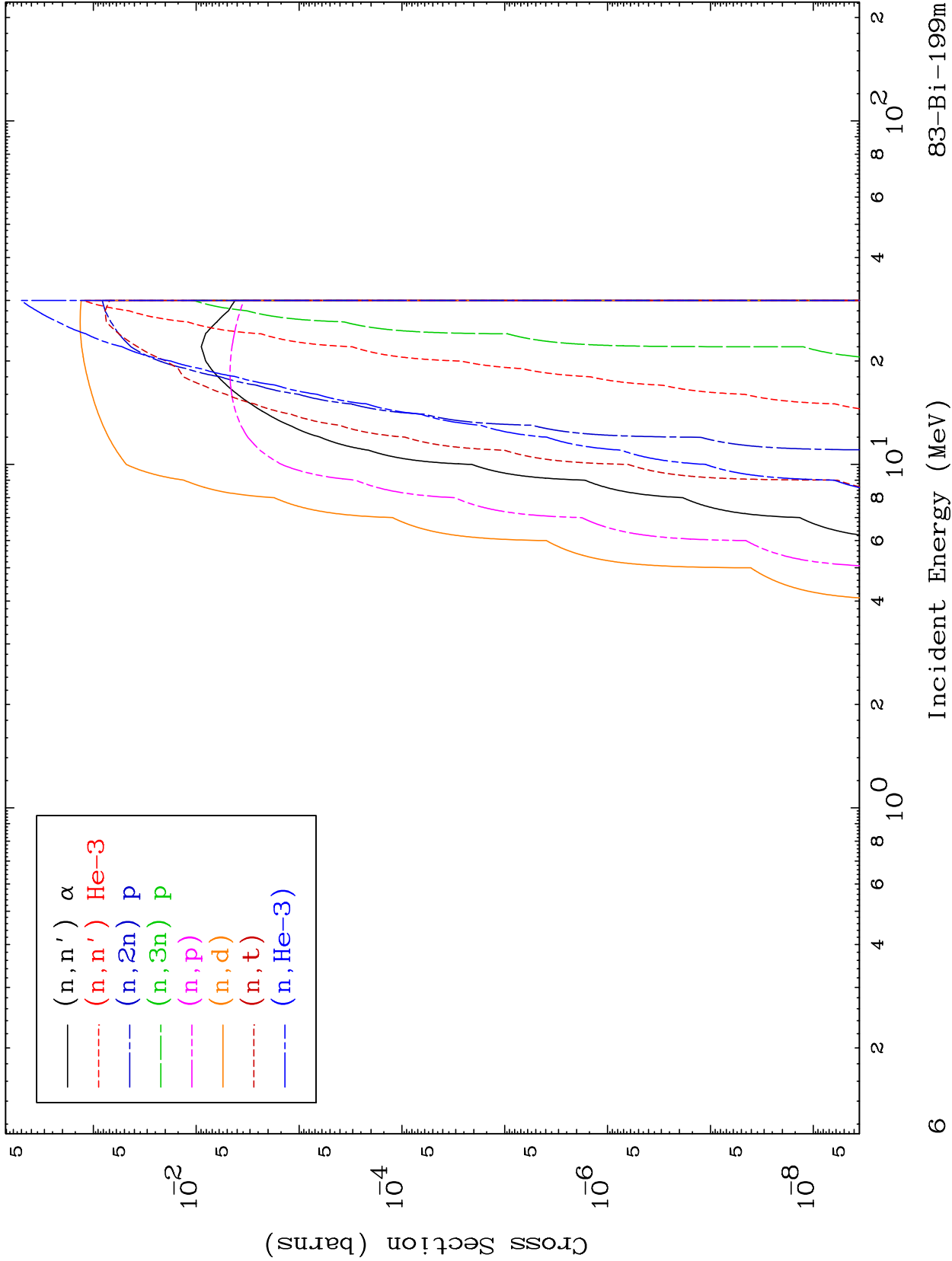
83-Bi-199m



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Triton Charged Particle  
0 Kelvin Cross Sections

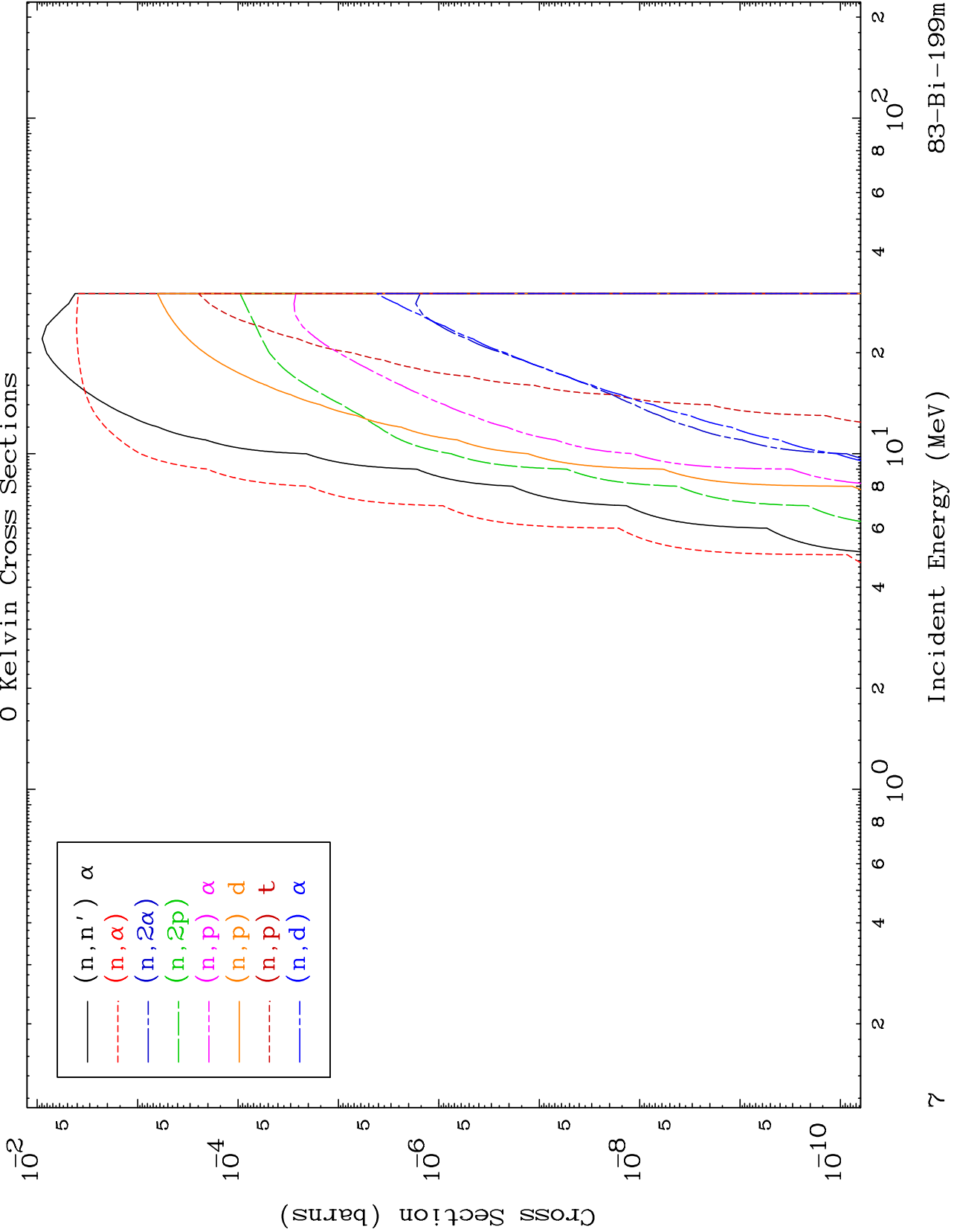
83-Bi-199m



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Triton Charged Particle  
0 Kelvin Cross Sections

83-Bi-199m

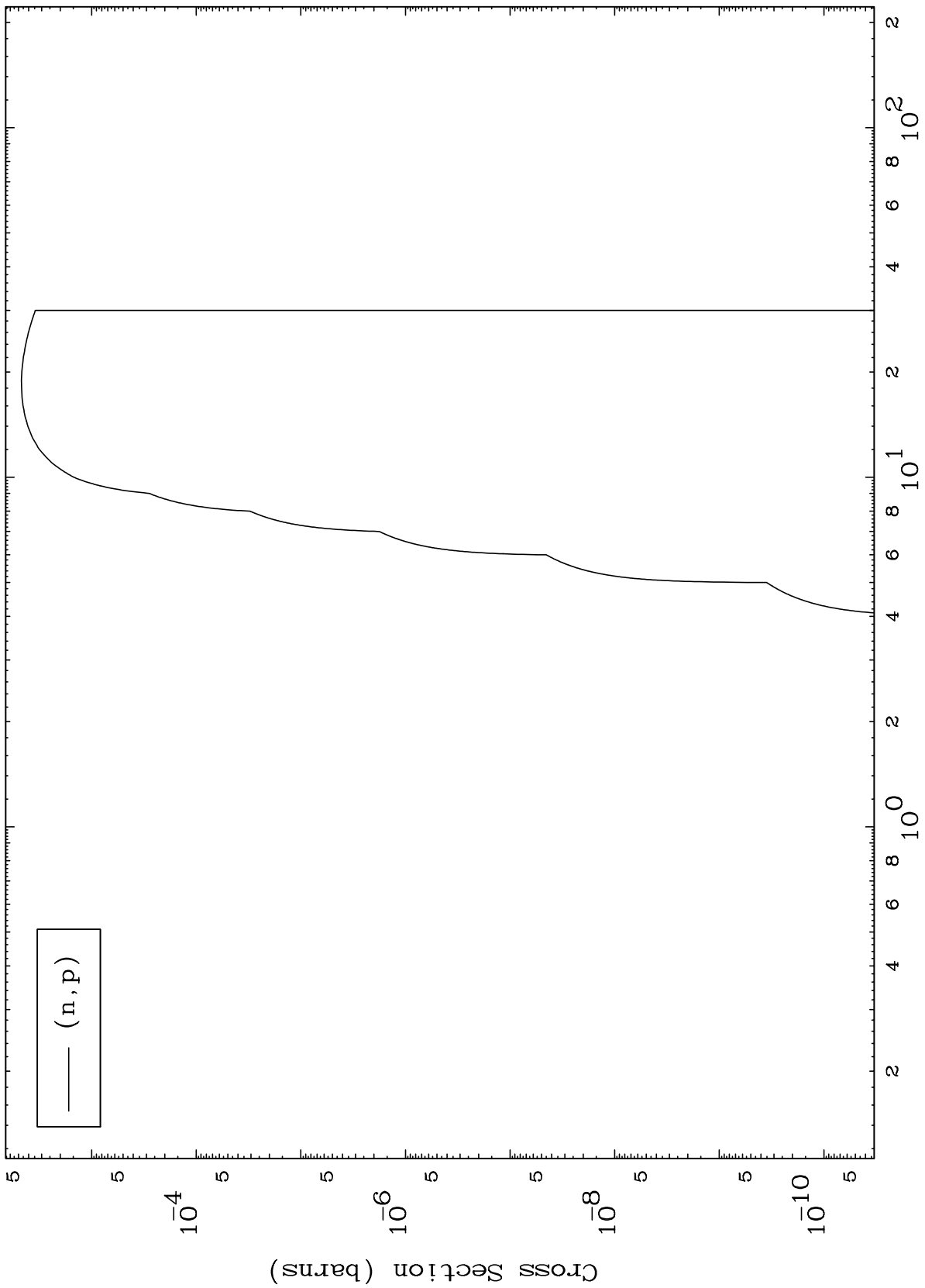


MAT 8296

(t,p) Levels

83-Bi-199m

0 Kelvin Cross Sections

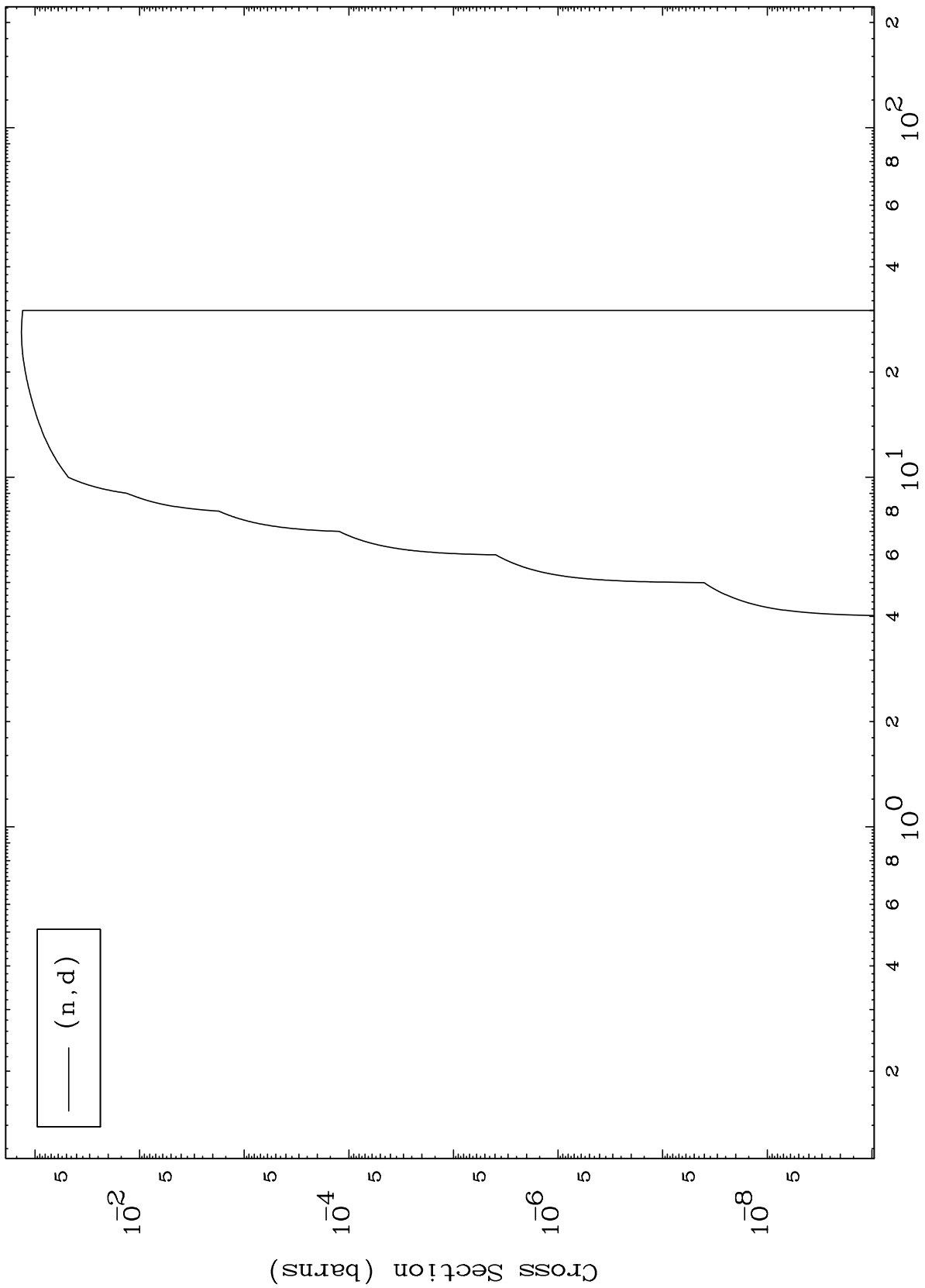


MAT 8296

(t,d) Levels

83-Bi-199m

0 Kelvin Cross Sections

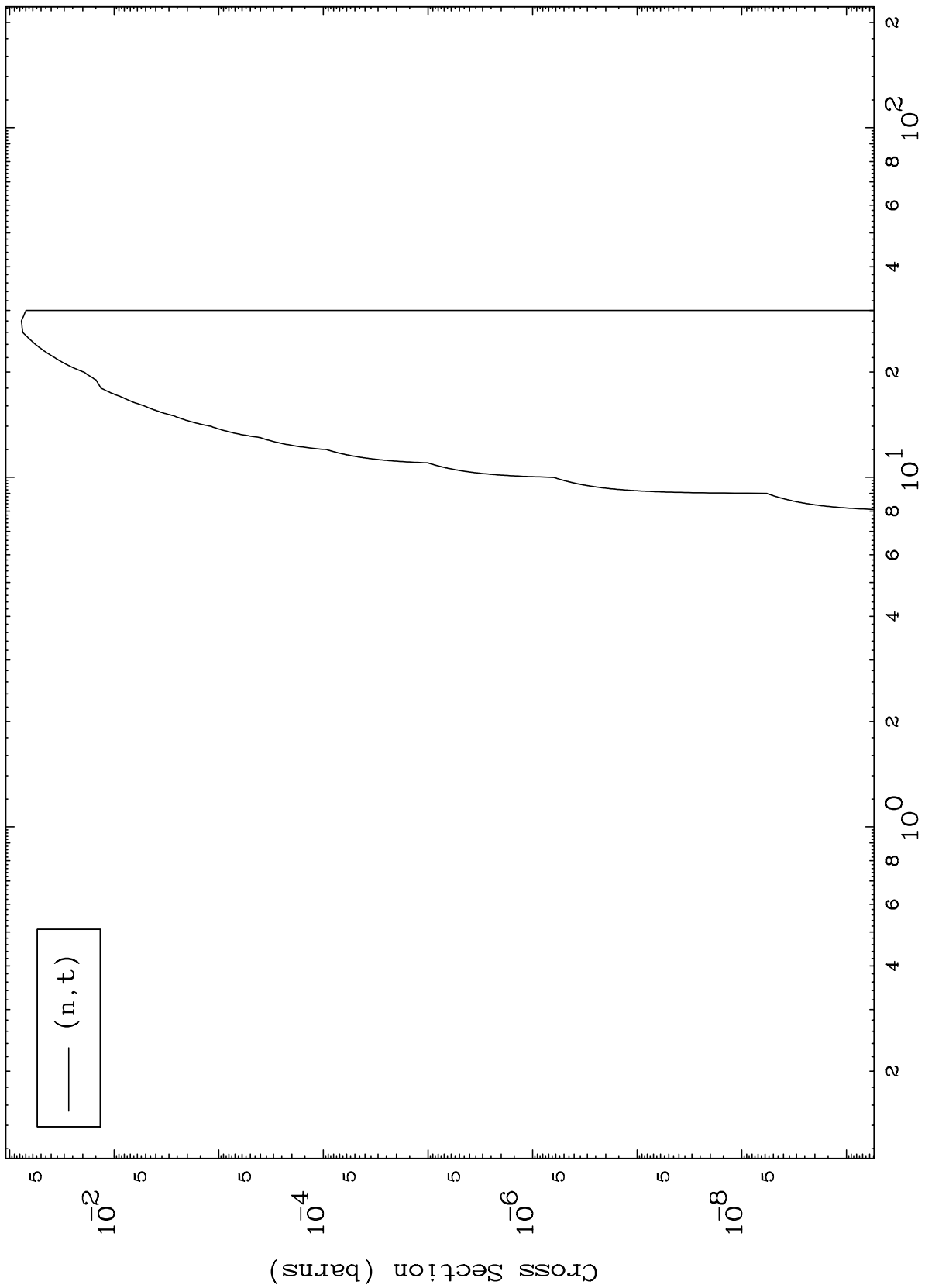


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(t, t) Levels

83-Bi-199m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

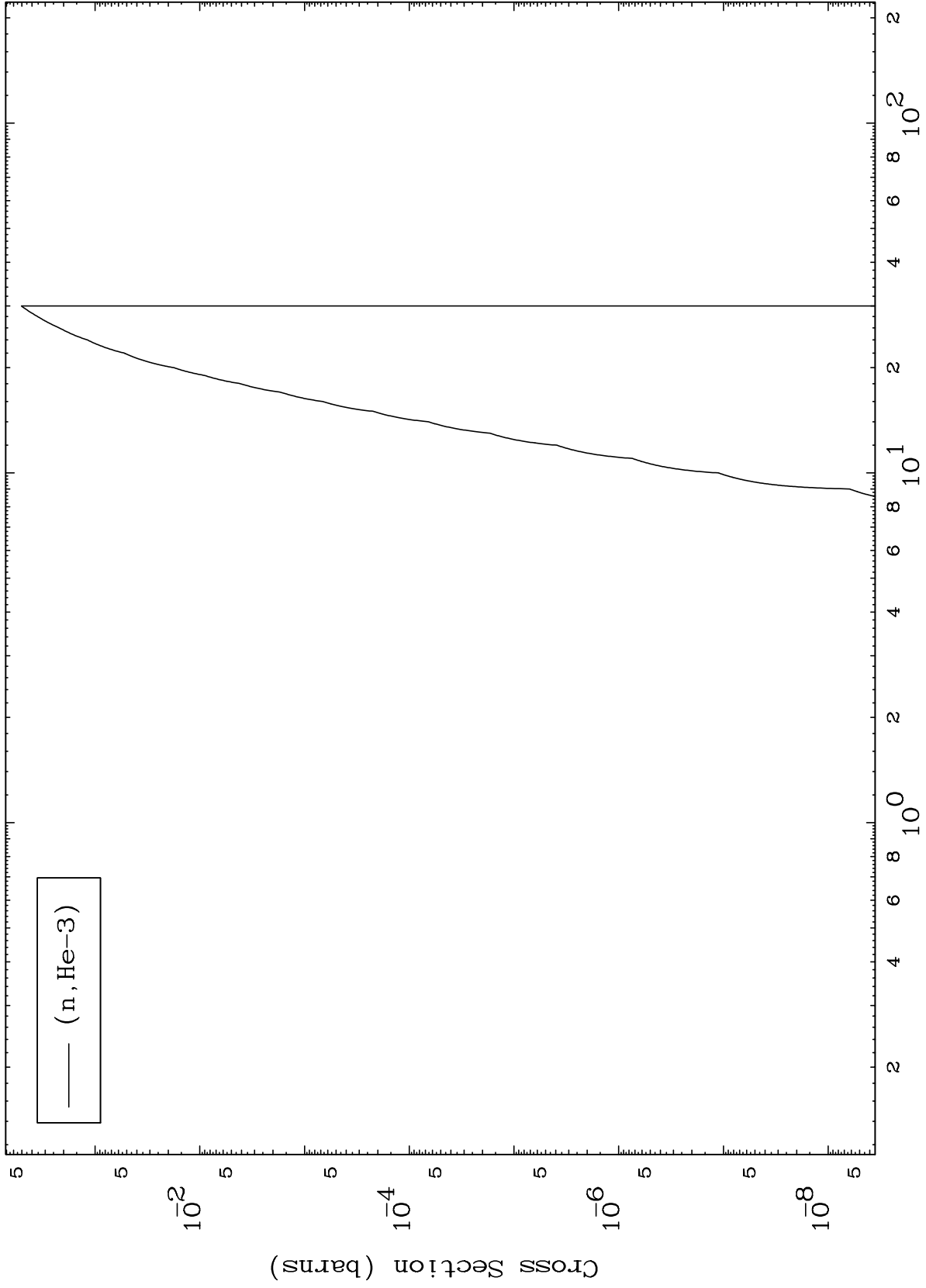
83-Bi-199m

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(t,He3) Levels

83-Bi-199m

0 Kelvin Cross Sections

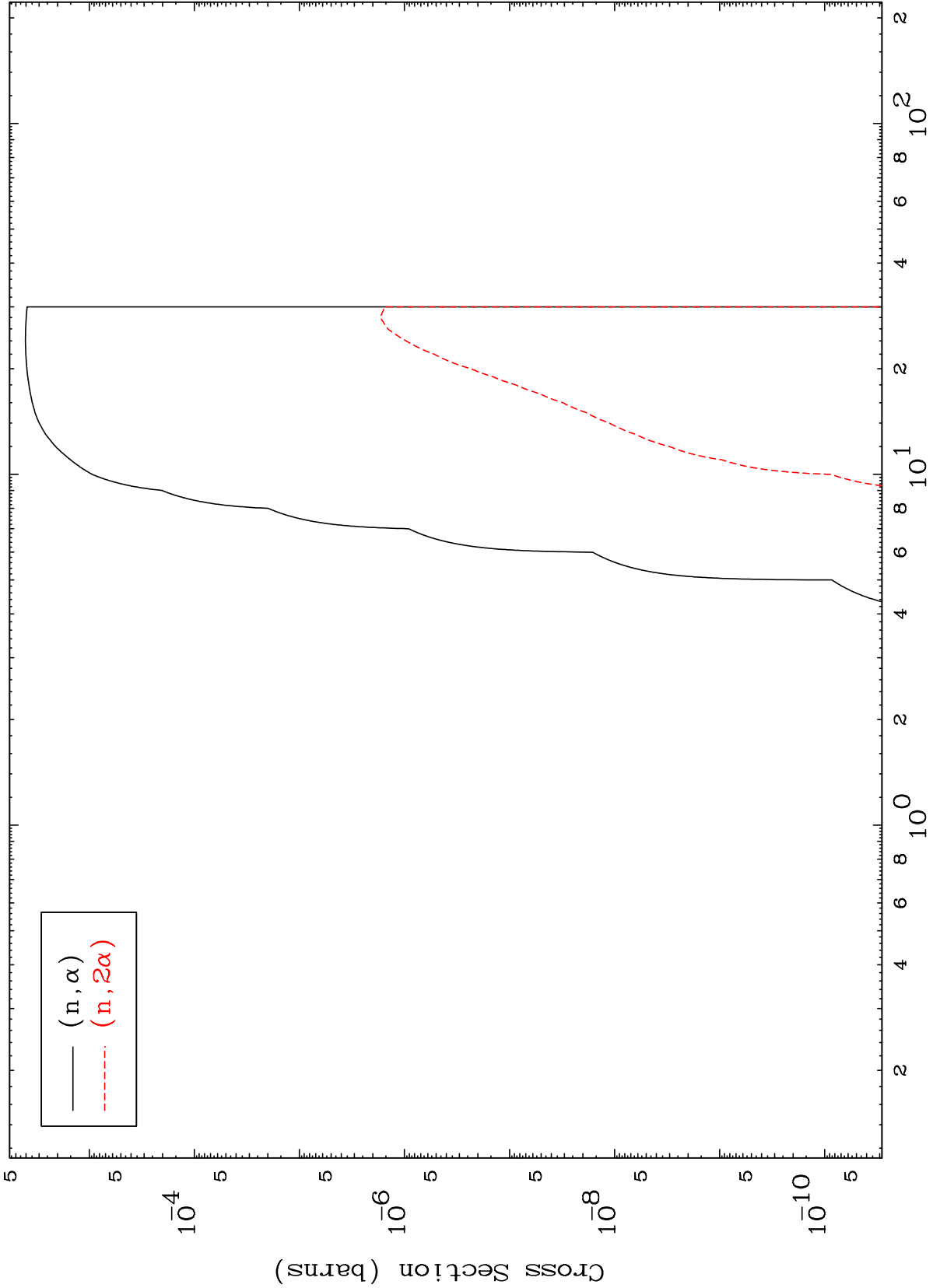


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(t,  $\alpha$ ) Levels

83-Bi-199m

0 Kelvin Cross Sections

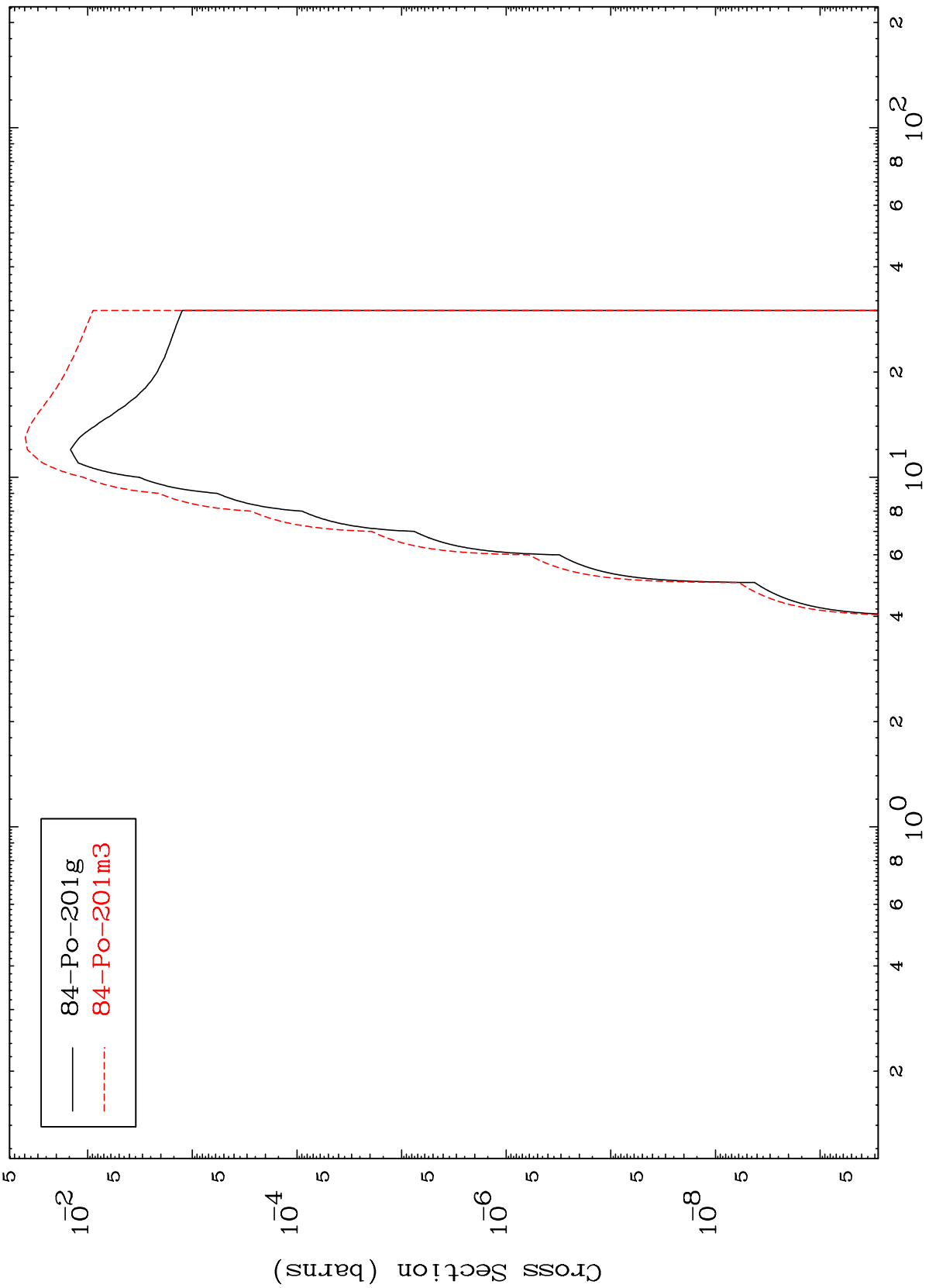


— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

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83-Bi-199m

Inelastic Radionuclide Production Cross Section



83-Bi-199m

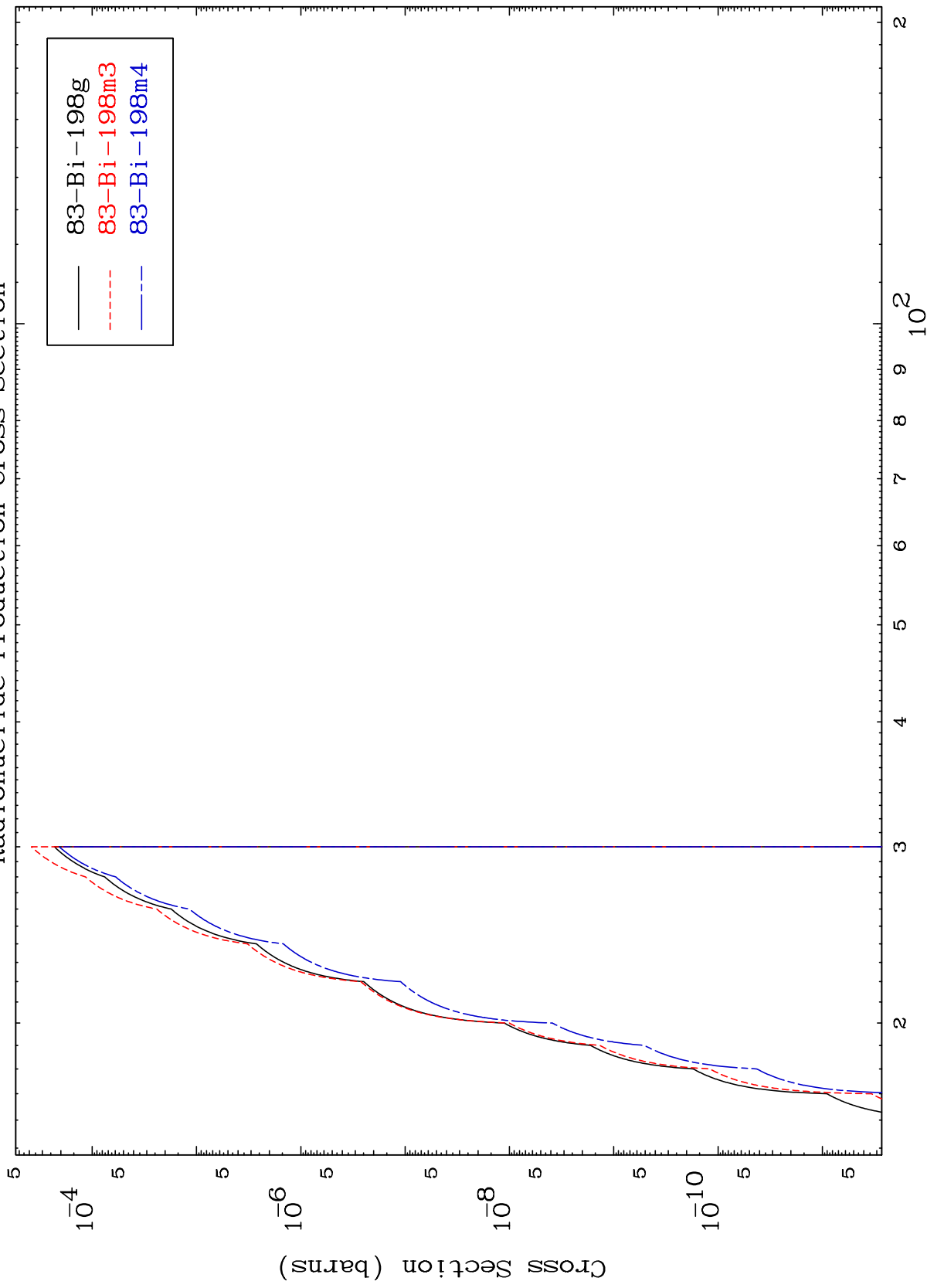
Incident Energy (MeV)

MAT 8296

(n,2n) d

83-Bi-199m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

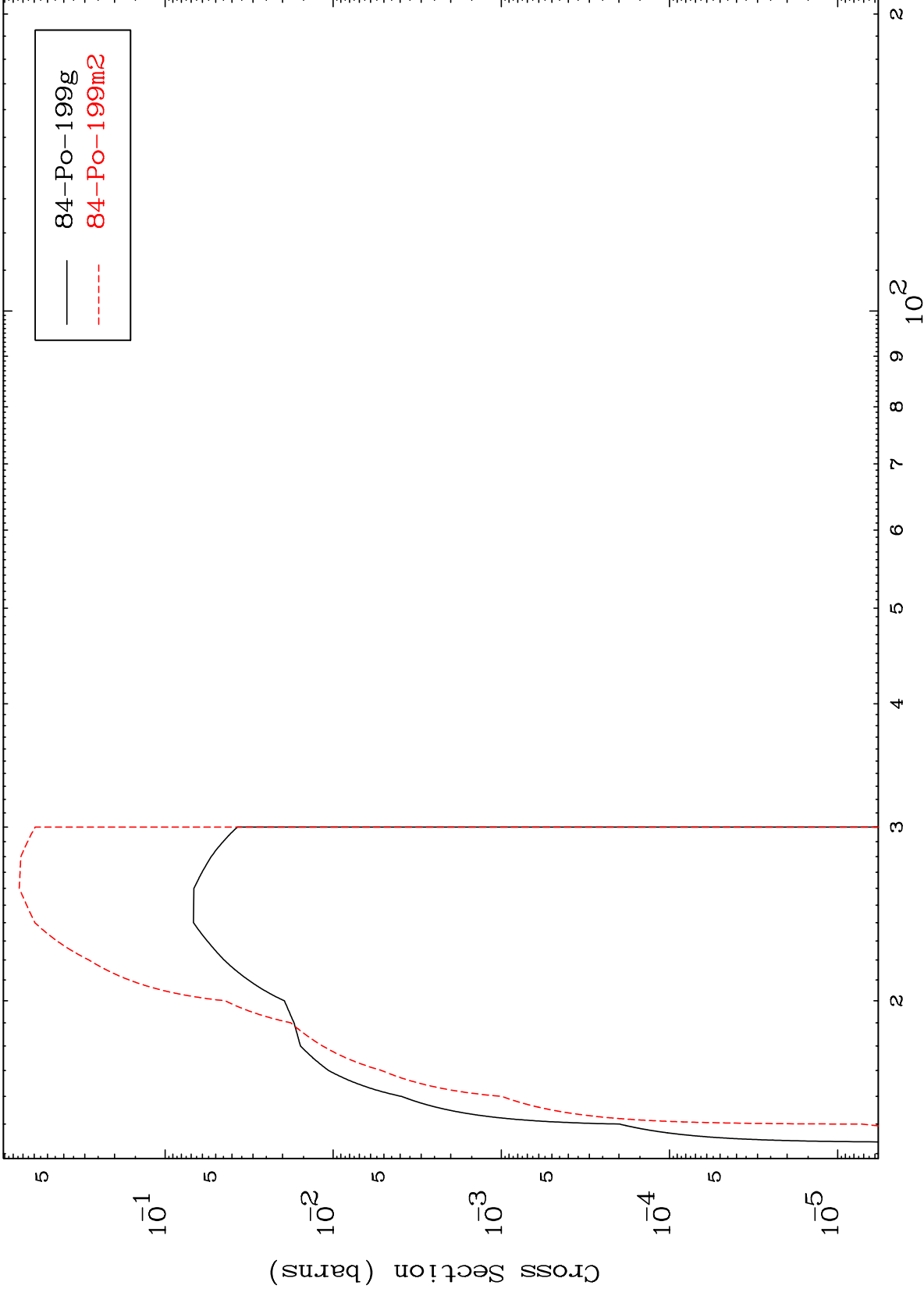
83-Bi-199m

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(n,3n)

83-Bi-199m

Radionuclide Production Cross Section



15

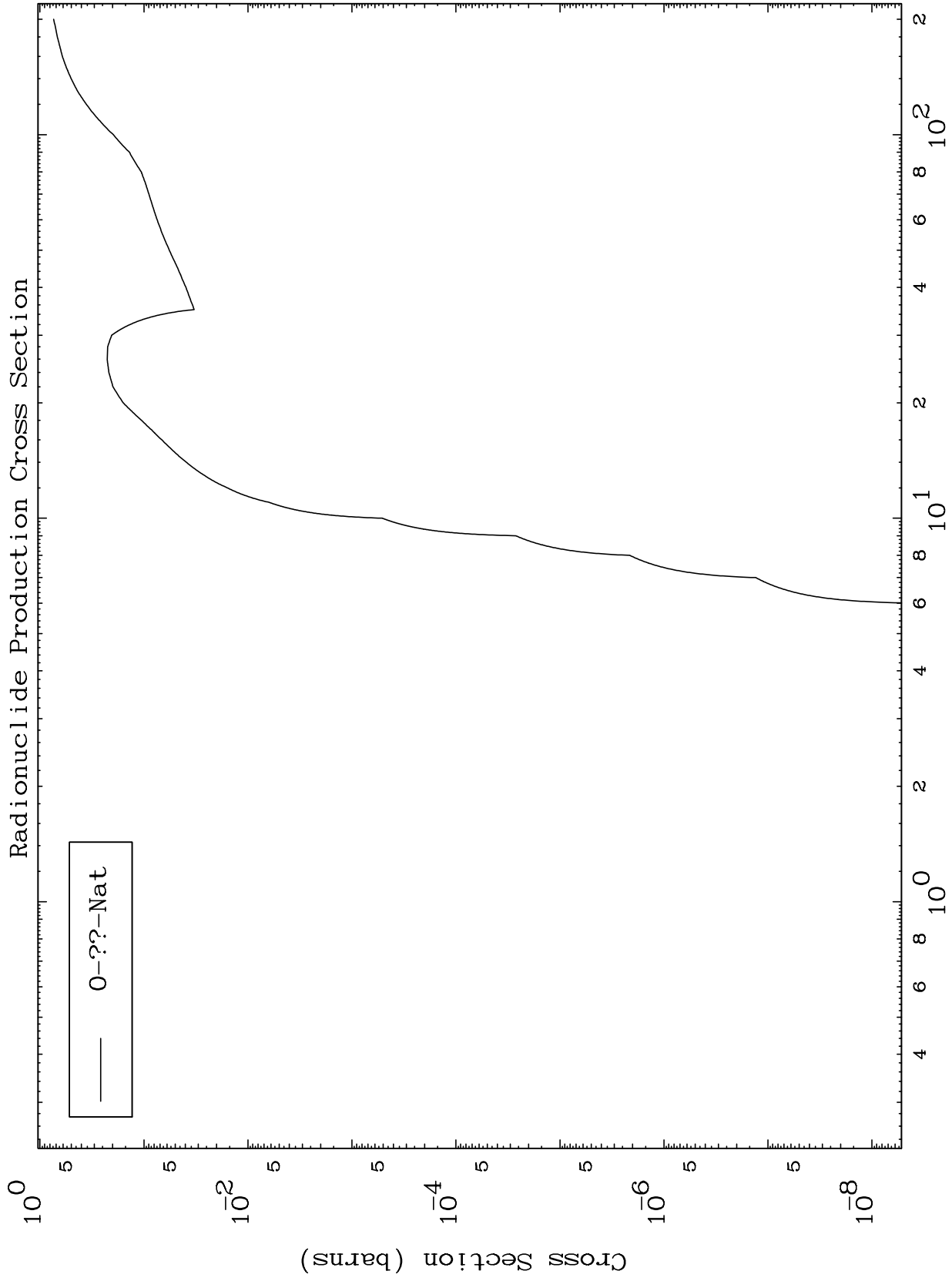
Incident Energy (MeV)

83-Bi-199m

MAT 8296

Fission

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

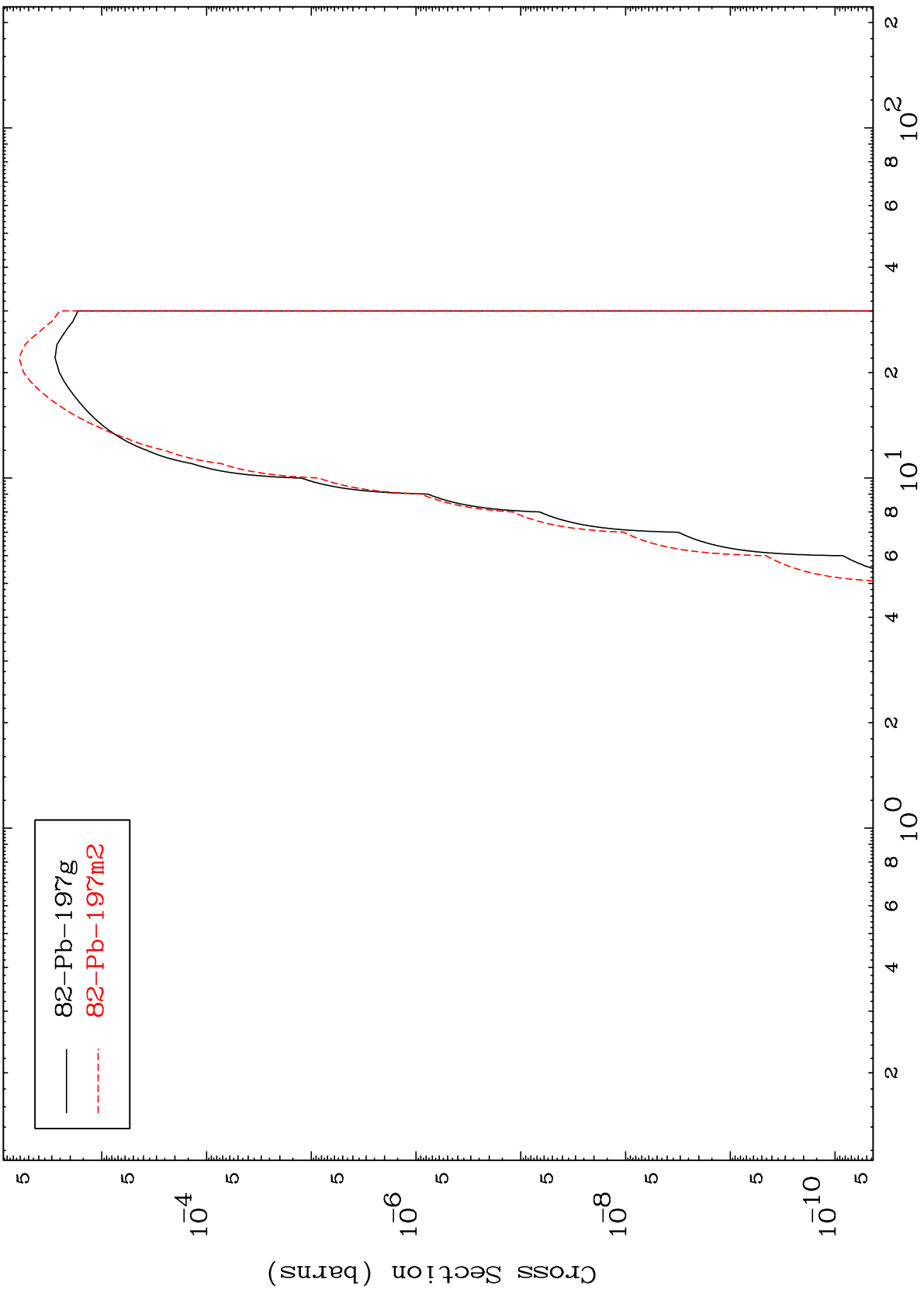


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$(n, n') \alpha$

83-Bi-199m

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

Incident Energy (MeV)

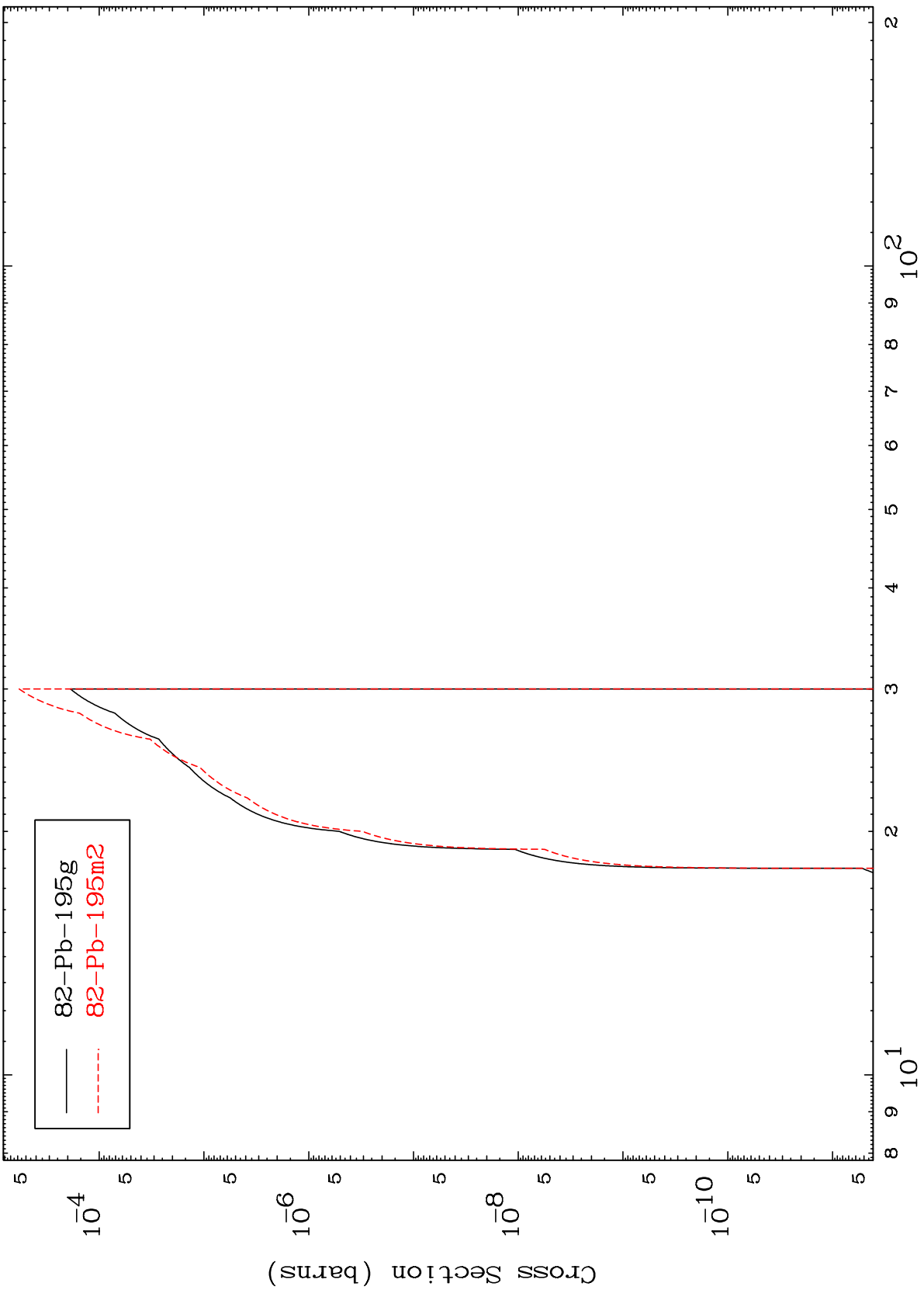
83-Bi-199m

MAT 8296

(n,3n)  $\alpha$

83-Bi-199m

Radionuclide Production Cross Section

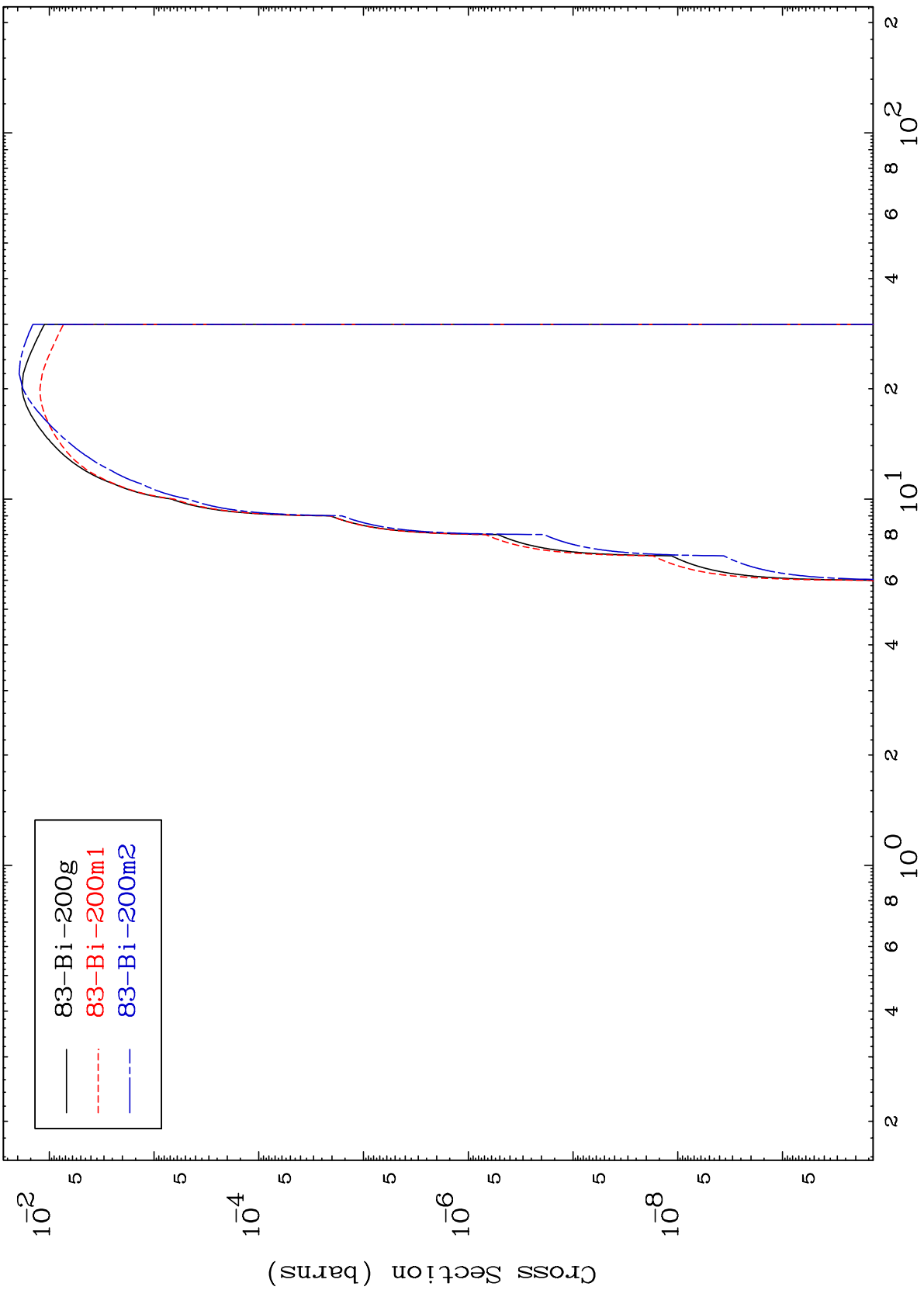


18

Incident Energy (MeV)

83-Bi-199m

Radionuclide Production Cross Section

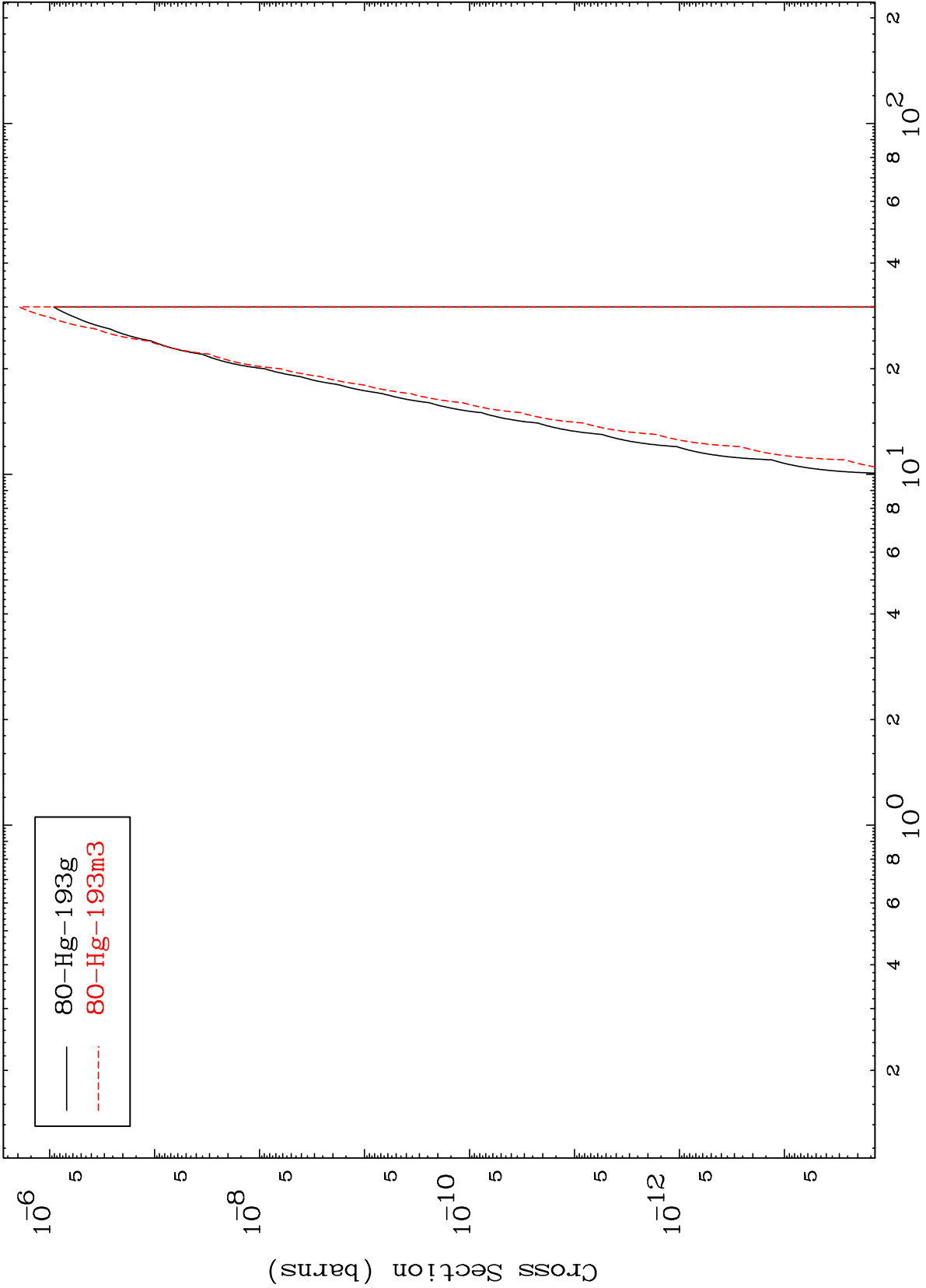


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(n,n') 2 $\alpha$

83-Bi-199m

Radionuclide Production Cross Section

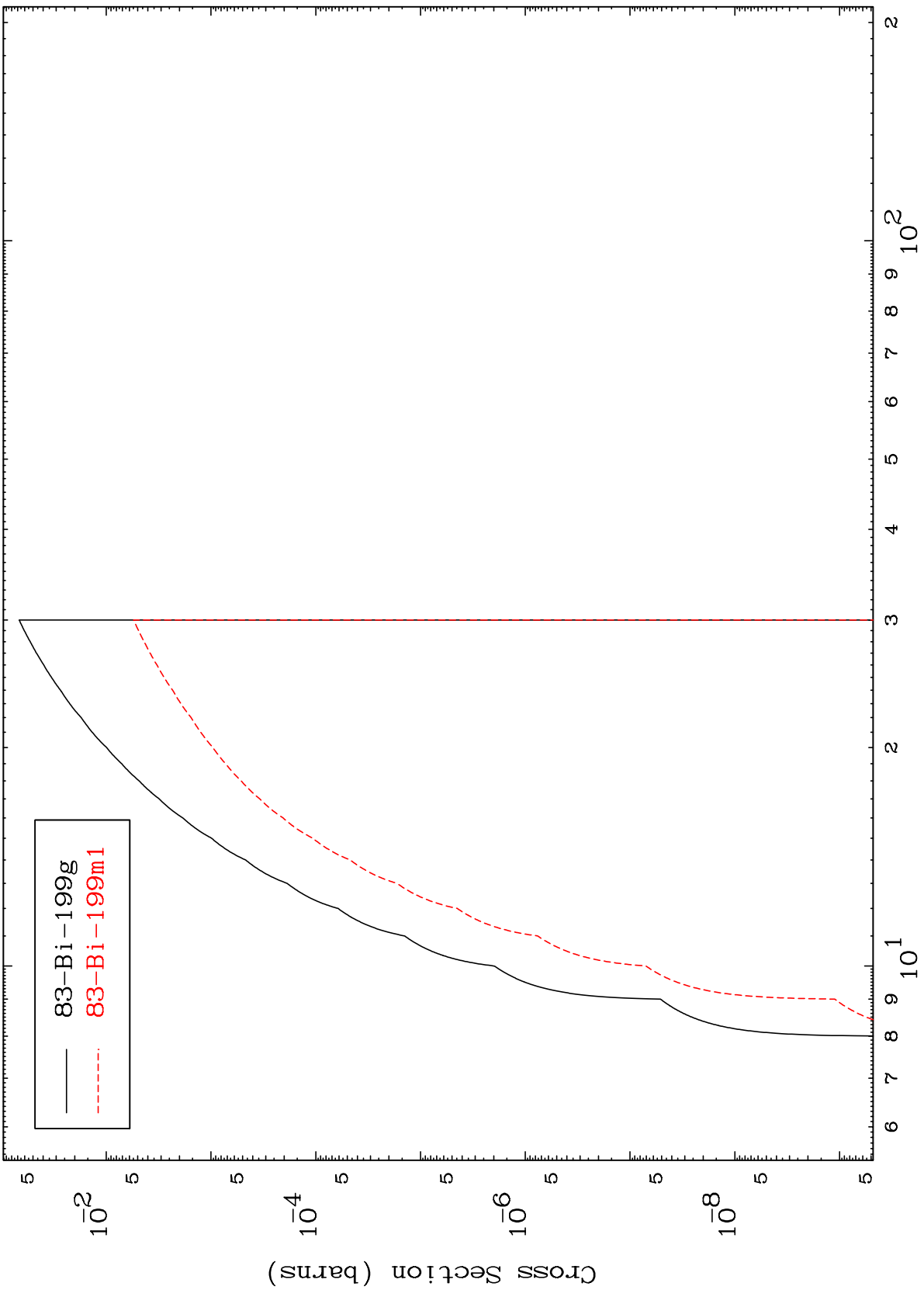


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(n,n') d

83-Bi-199m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

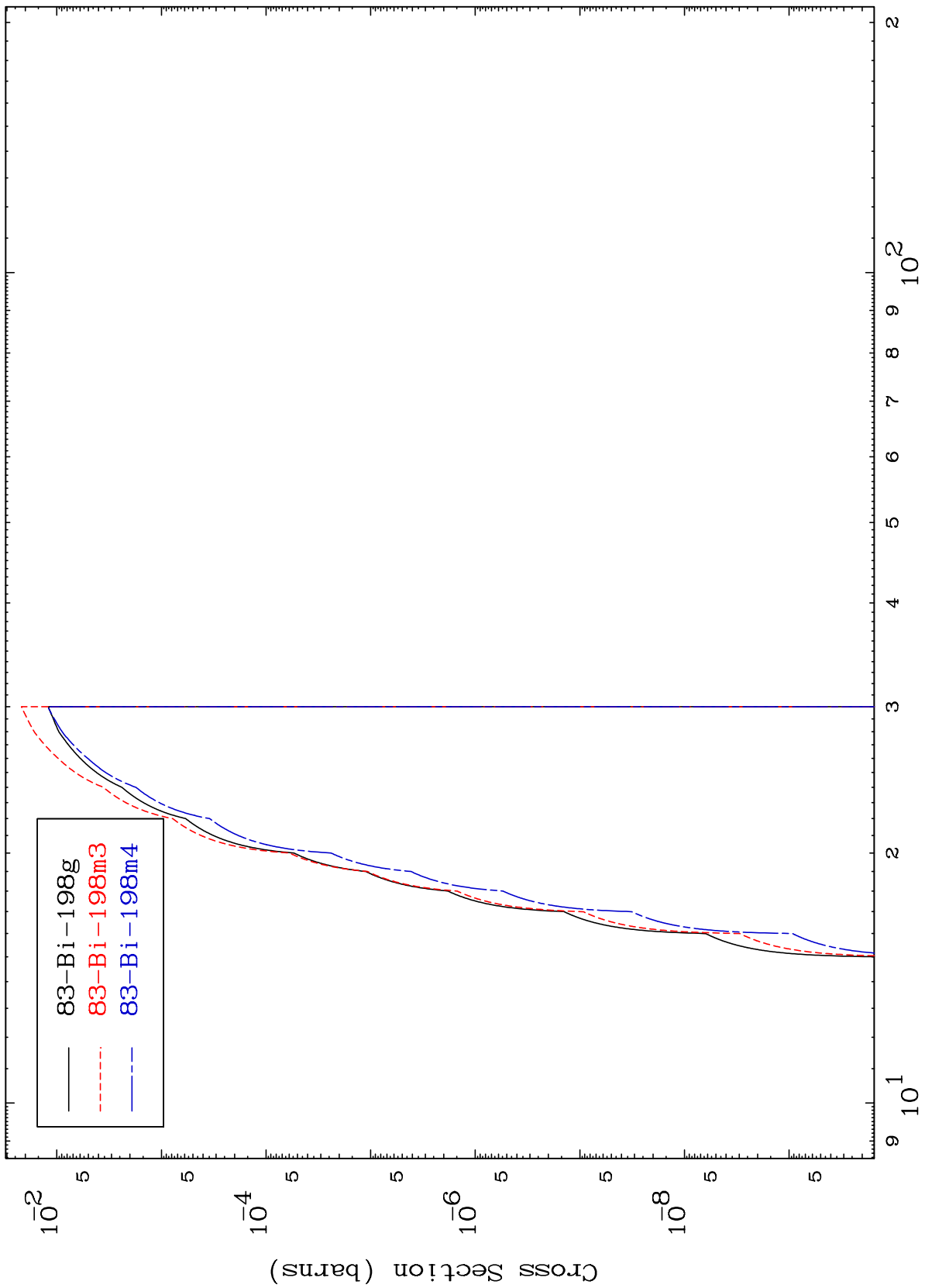
83-Bi-199m

MAT 8296

(n,n') t

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

Radionuclide Production Cross Section



22

Incident Energy (MeV)

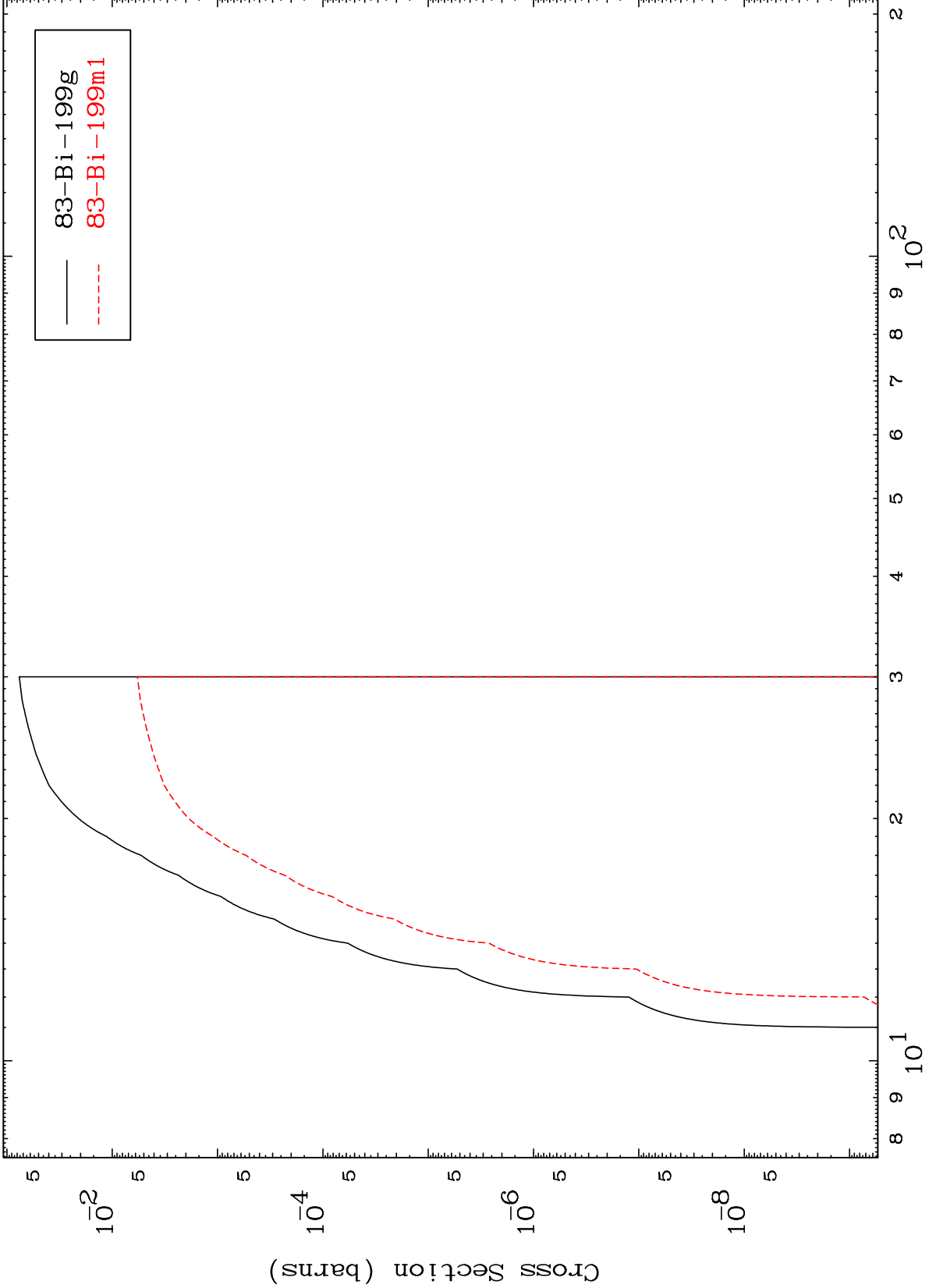
<sup>83</sup>Bi-199m

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$(n,2n)$  p

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

Radionuclide Production Cross Section



23

Incident Energy (MeV)

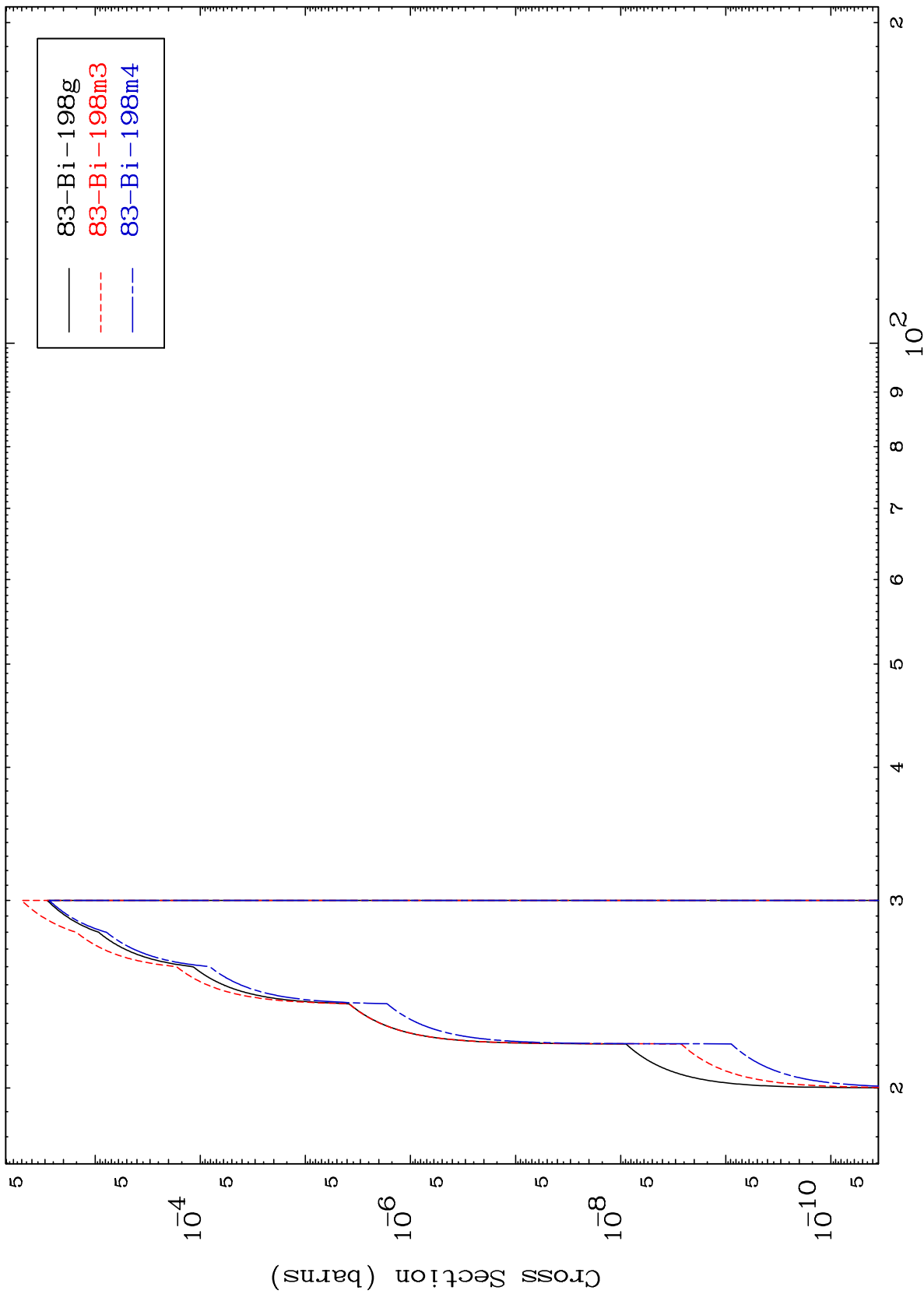
$^{83}\text{Bi}-199\text{m}$

MAT 8296

(n,3n) p

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

Radionuclide Production Cross Section



24

Incident Energy (MeV)

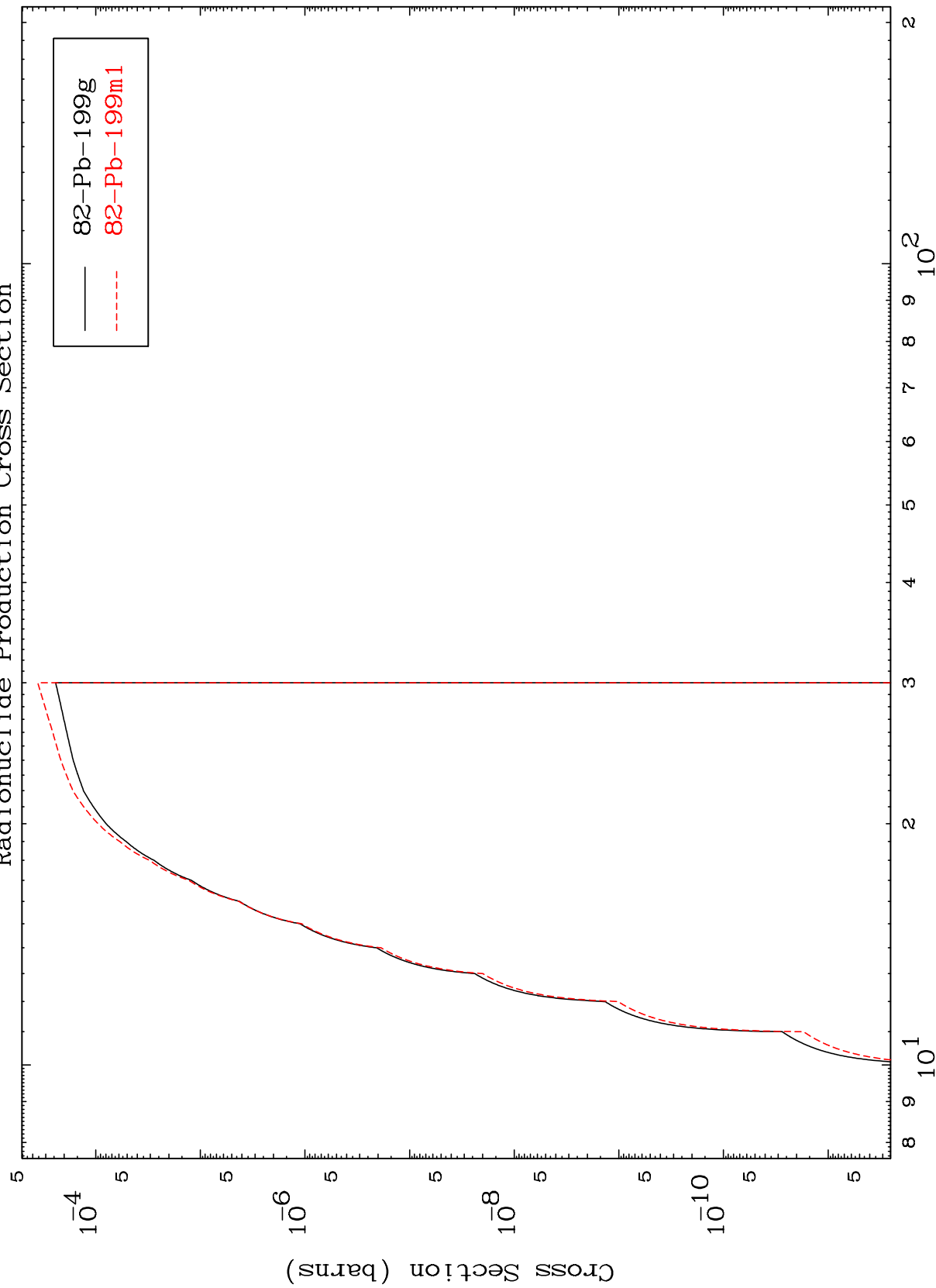
<sup>83</sup>Bi-199m

MAT 8296

(n,2n) p

83-Bi-199m

Radionuclide Production Cross Section



25

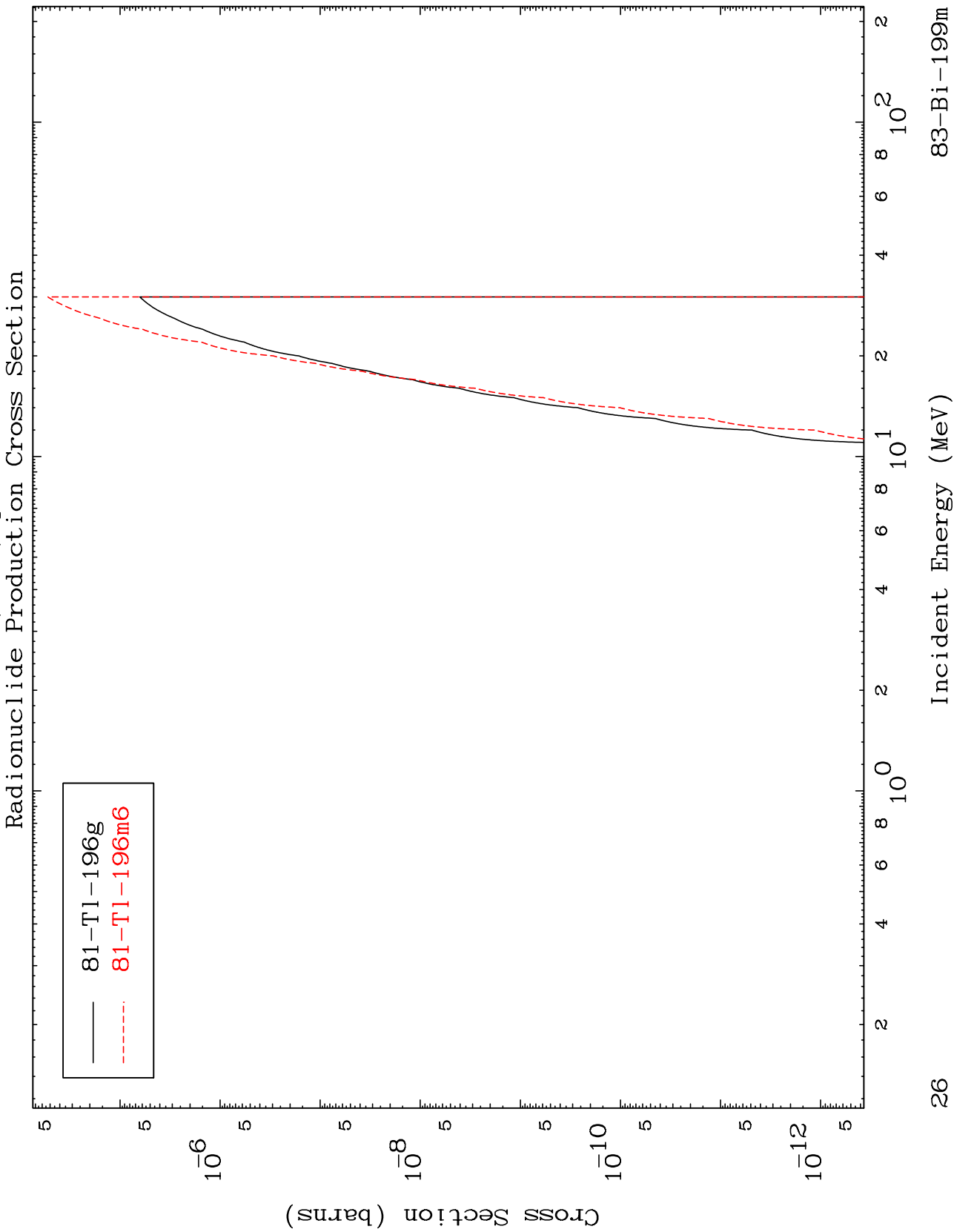
Incident Energy (MeV)

83-Bi-199m

MAT 8296

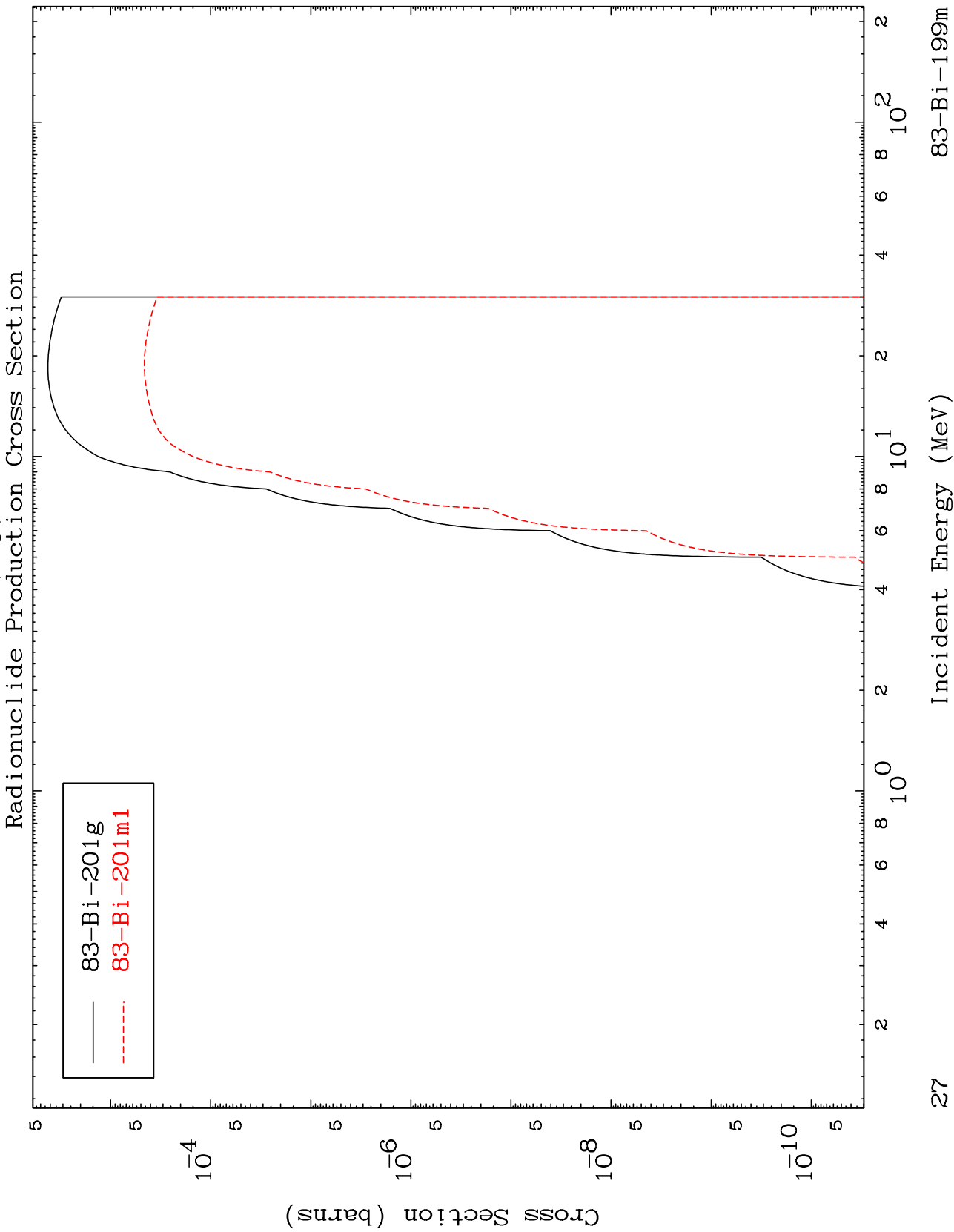
(n,n') p  $\alpha$

83-Bi-199m



MAT 8296

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



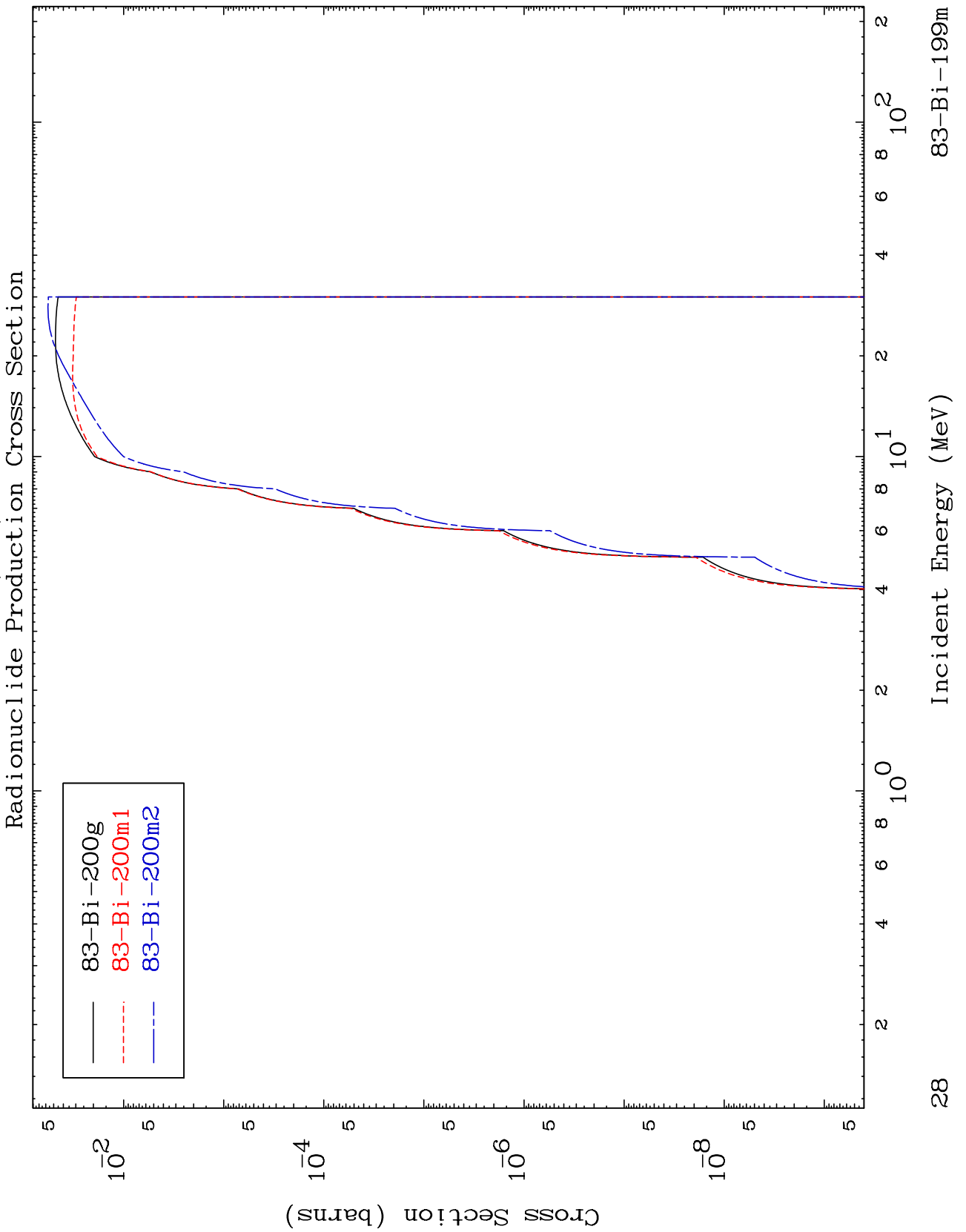
$^{83}\text{Bi}-199\text{m}$

Incident Energy (MeV)

27

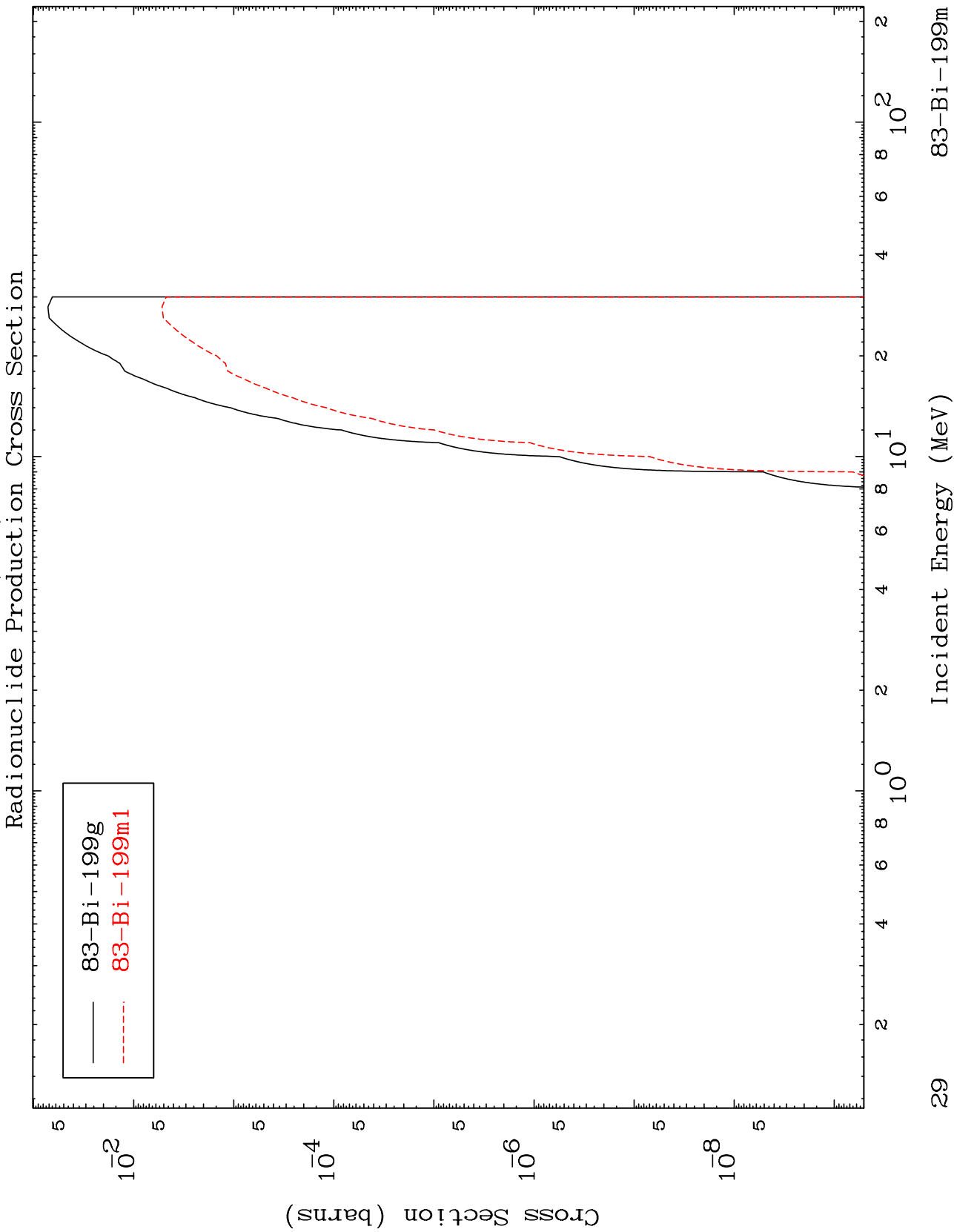
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$^{83}\text{Bi-199m}$



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

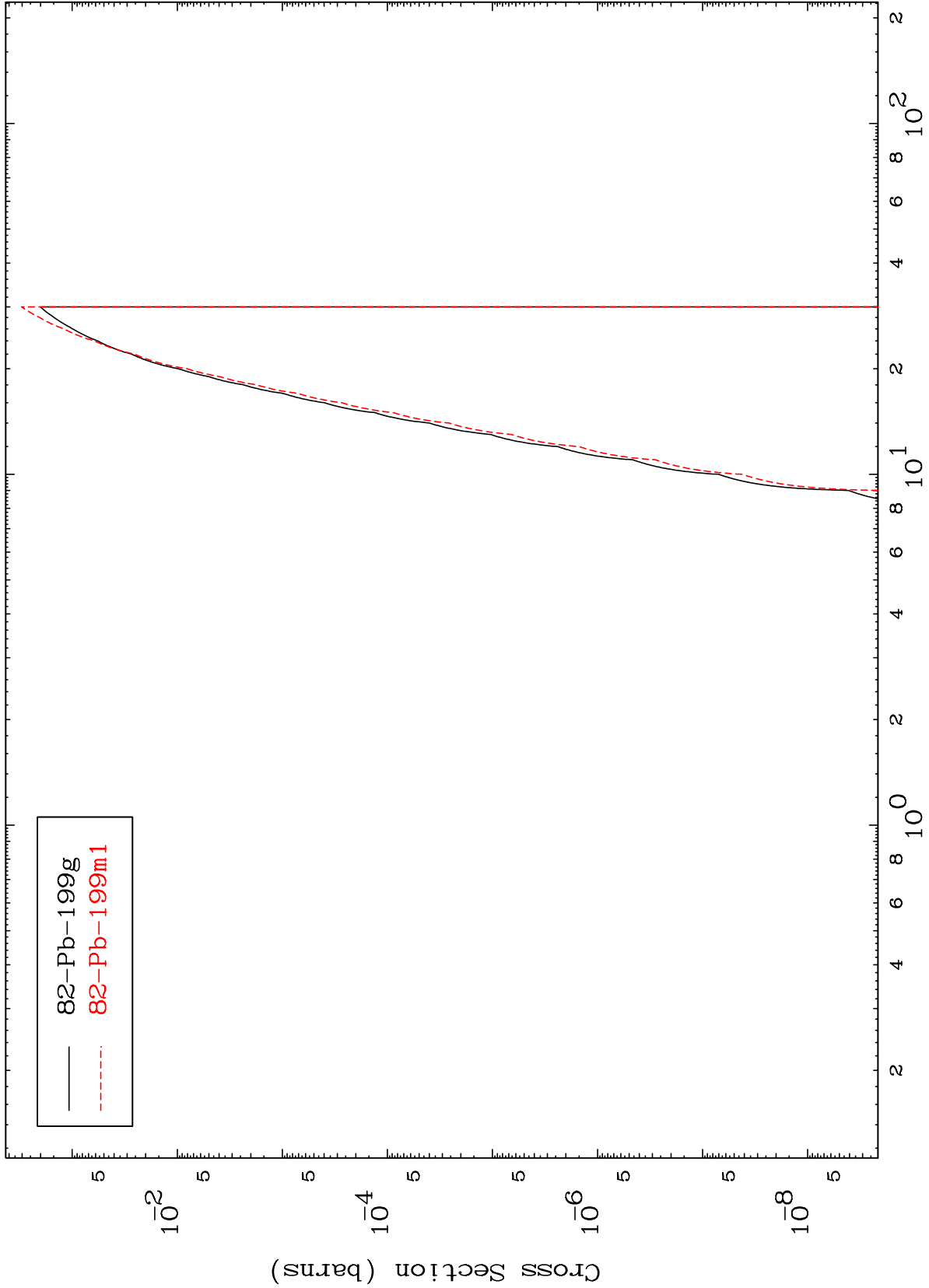


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(n,He-3)

83-Bi-199m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

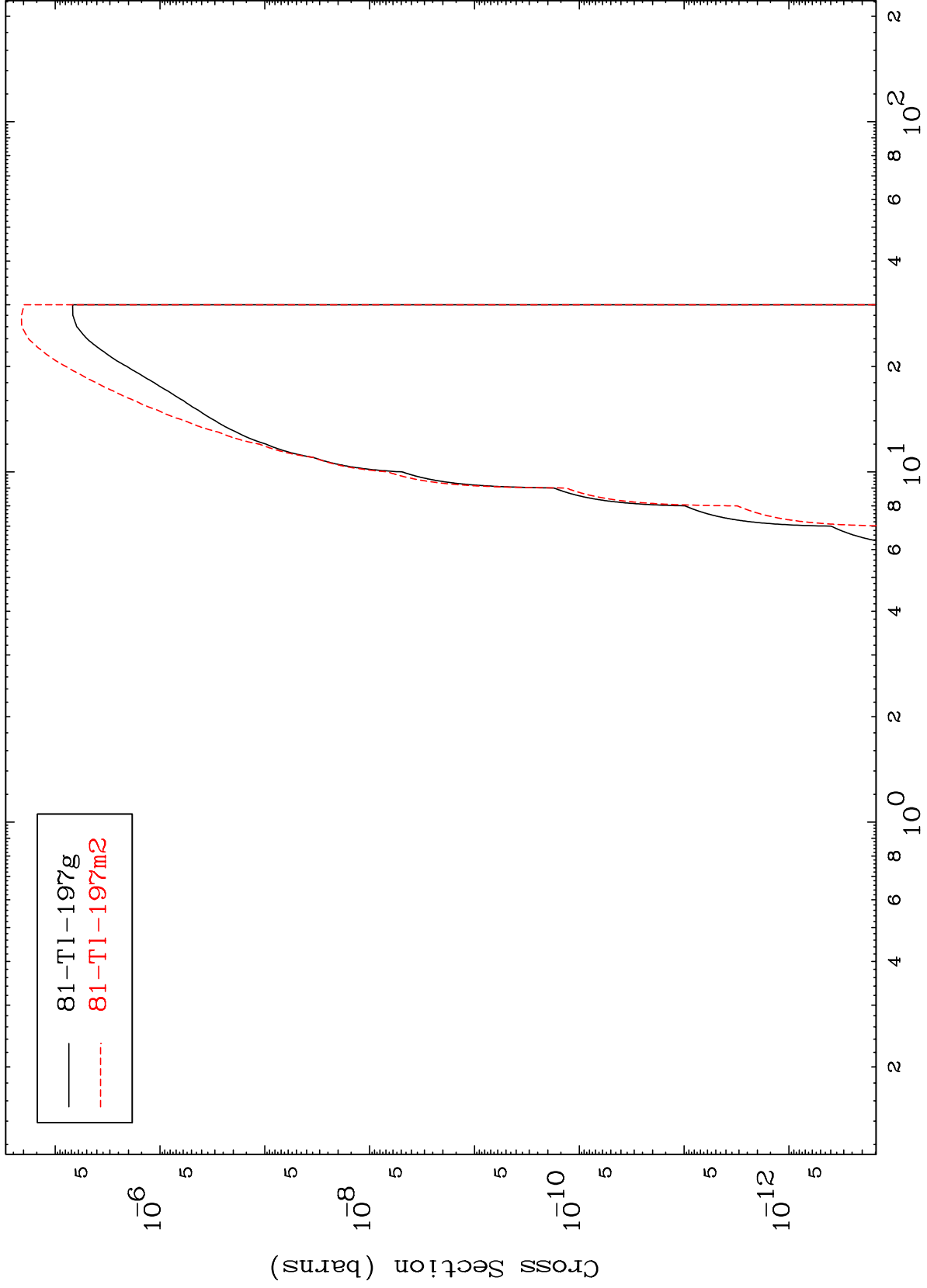
83-Bi-199m

MAT 8296

(n,p)  $\alpha$

83-Bi-199m

Radionuclide Production Cross Section

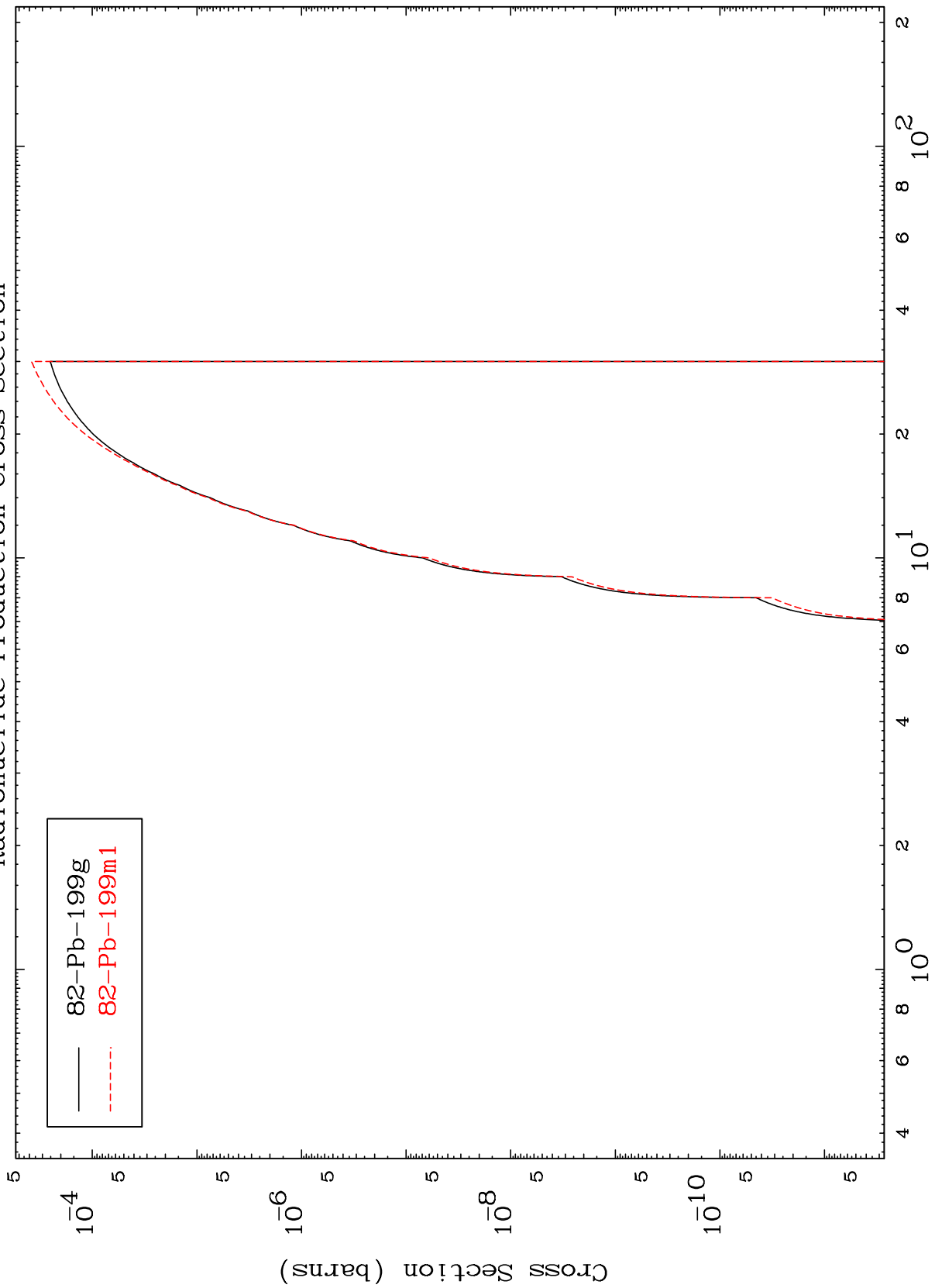


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(n,p) d

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

Radionuclide Production Cross Section



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

Incident Energy (MeV)

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

32

MAT 8296

(n,d)  $\alpha$

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

