

Program EVALPLOT  
(Version 2021-1)

by

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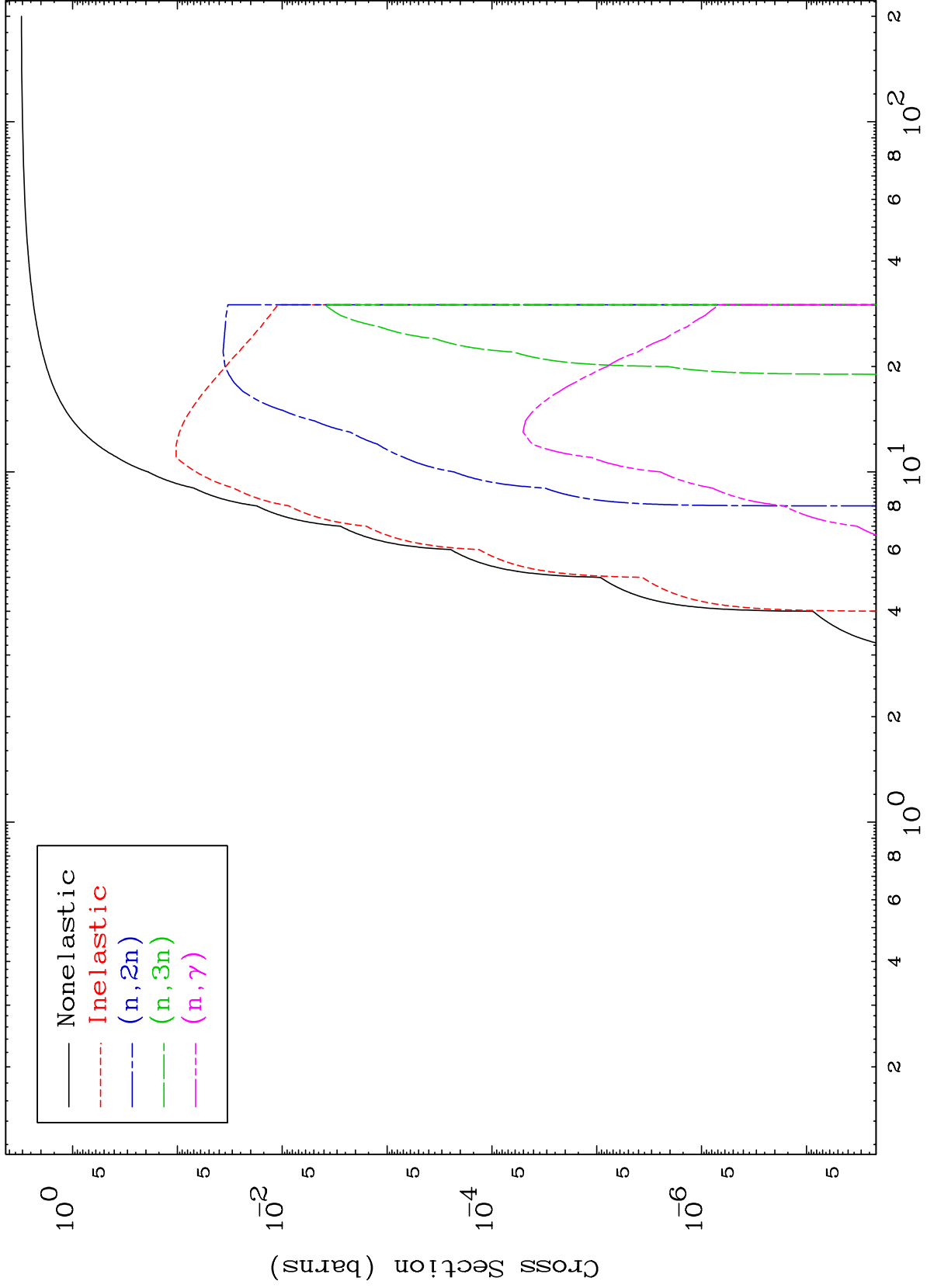
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8281

Deuteron Major  
0 Kelvin Cross Sections

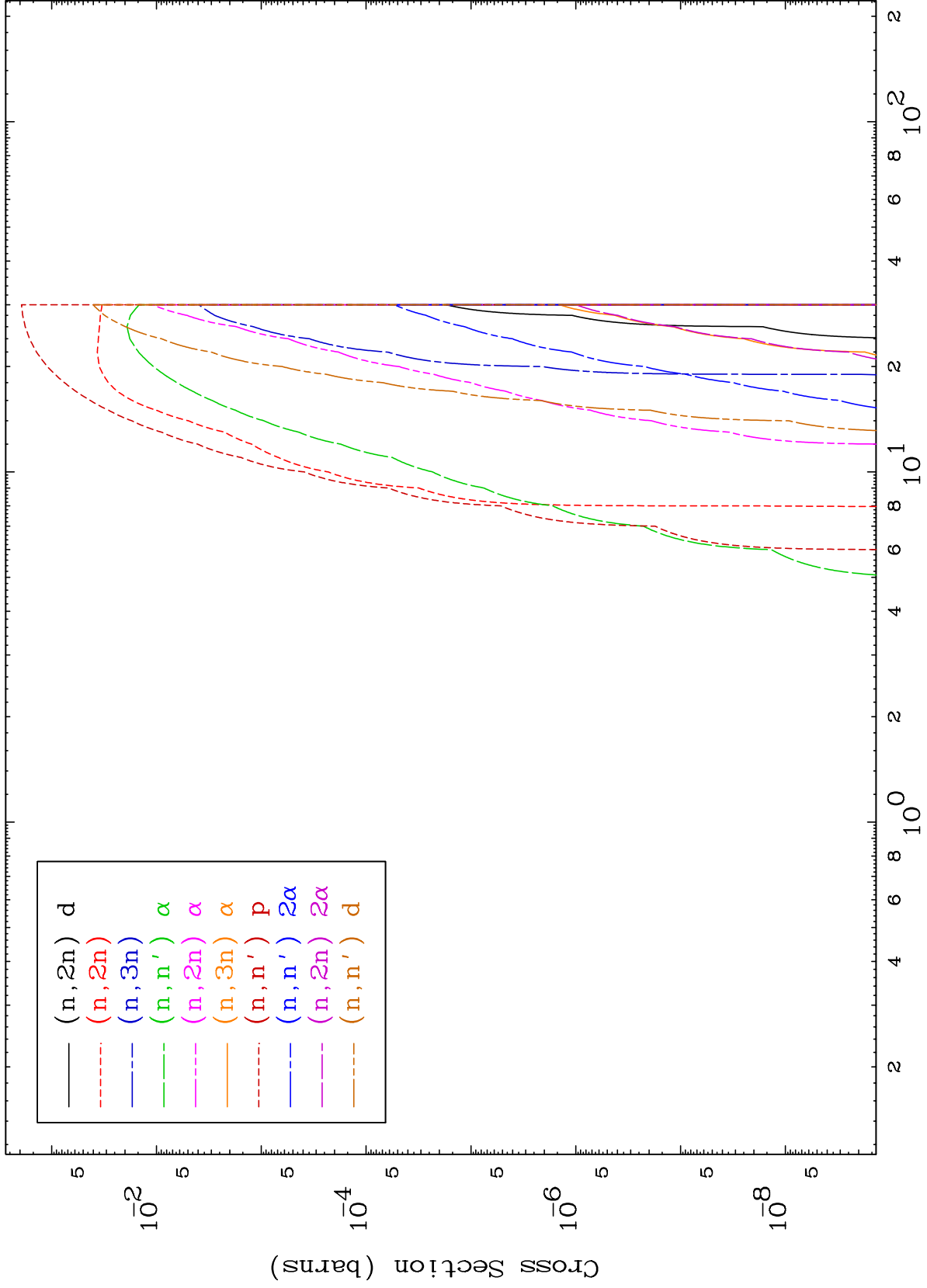
83-Bi-194m

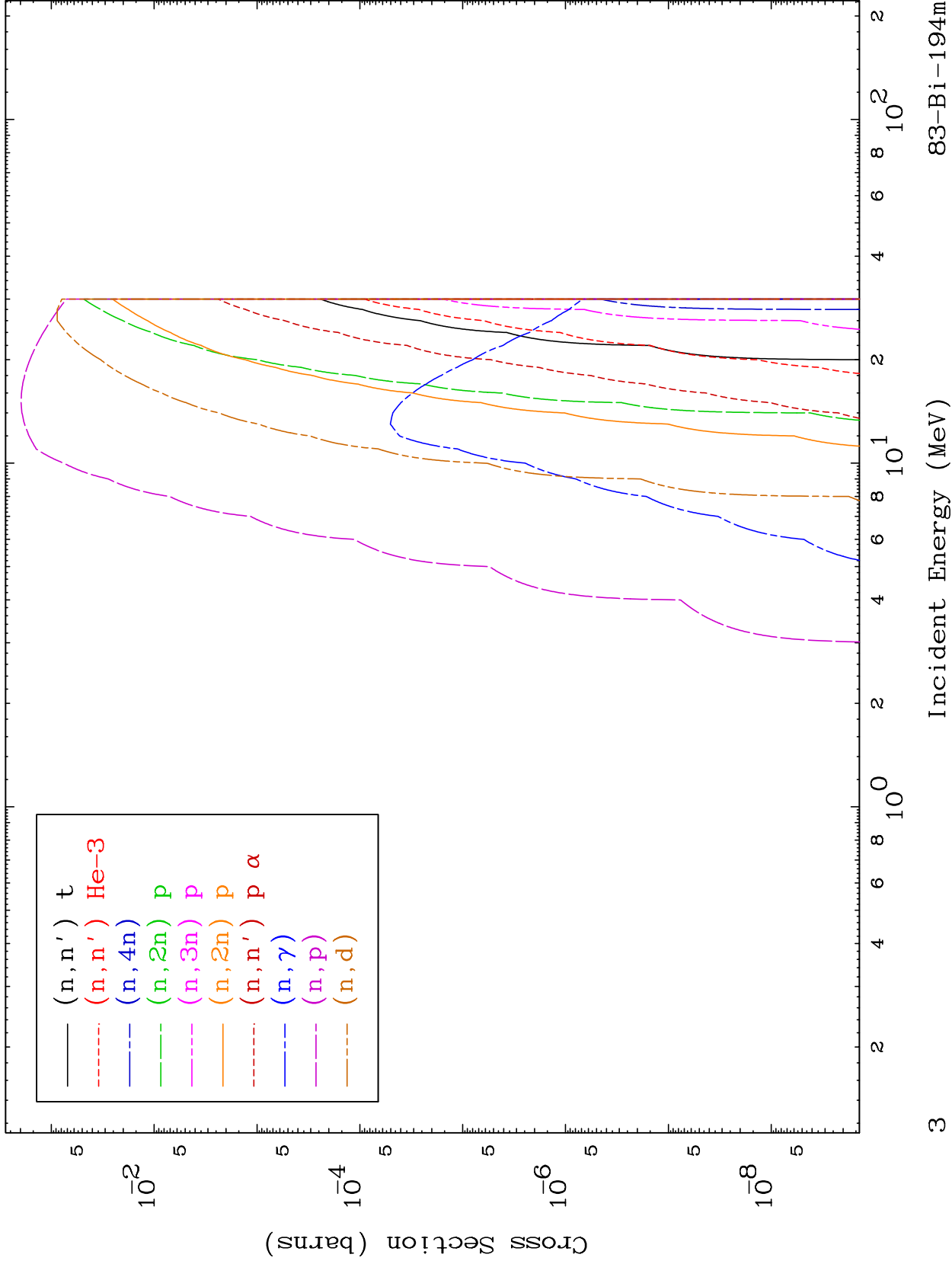


MAT 8281

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-194m

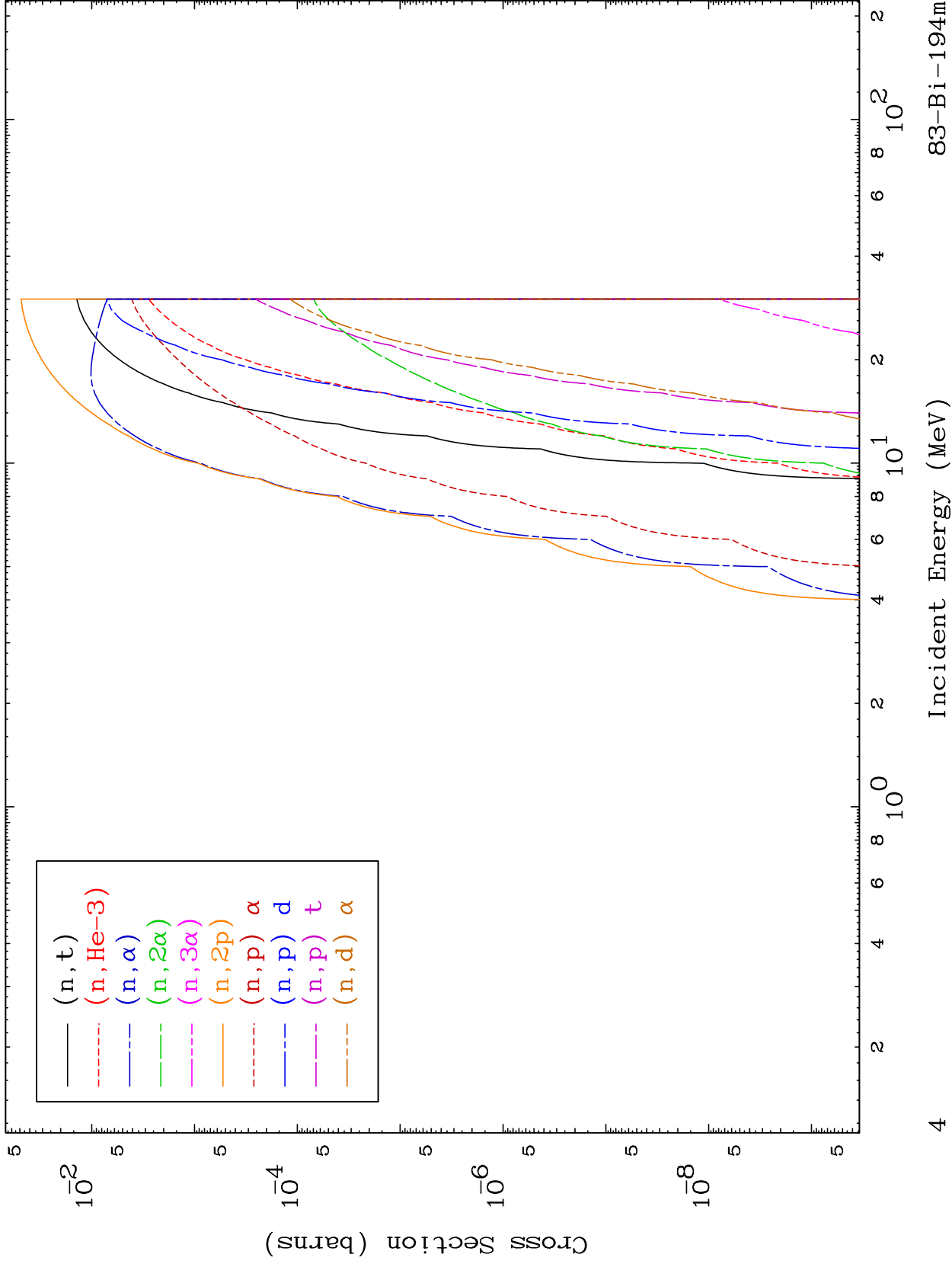




MAT 8281

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

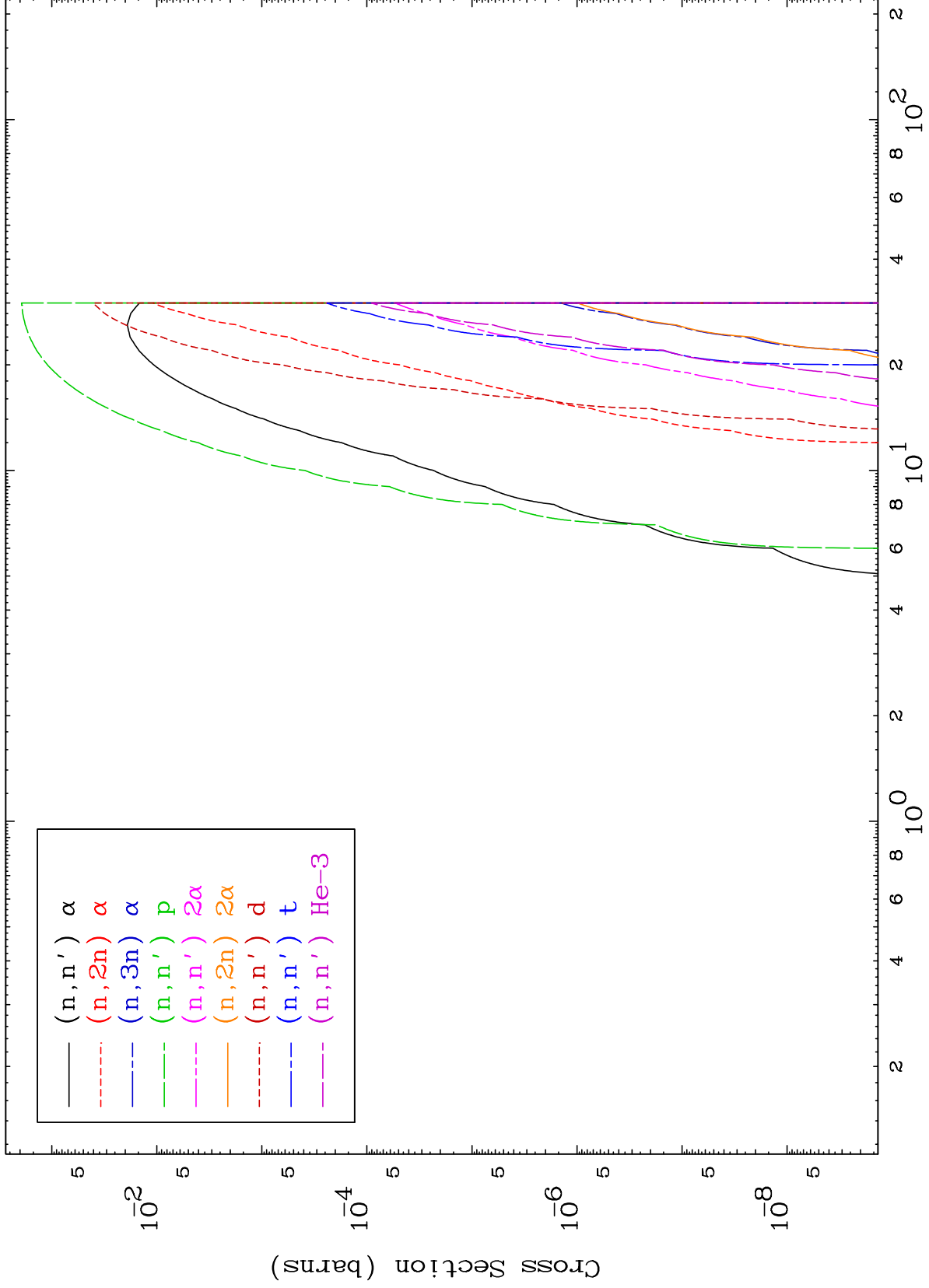
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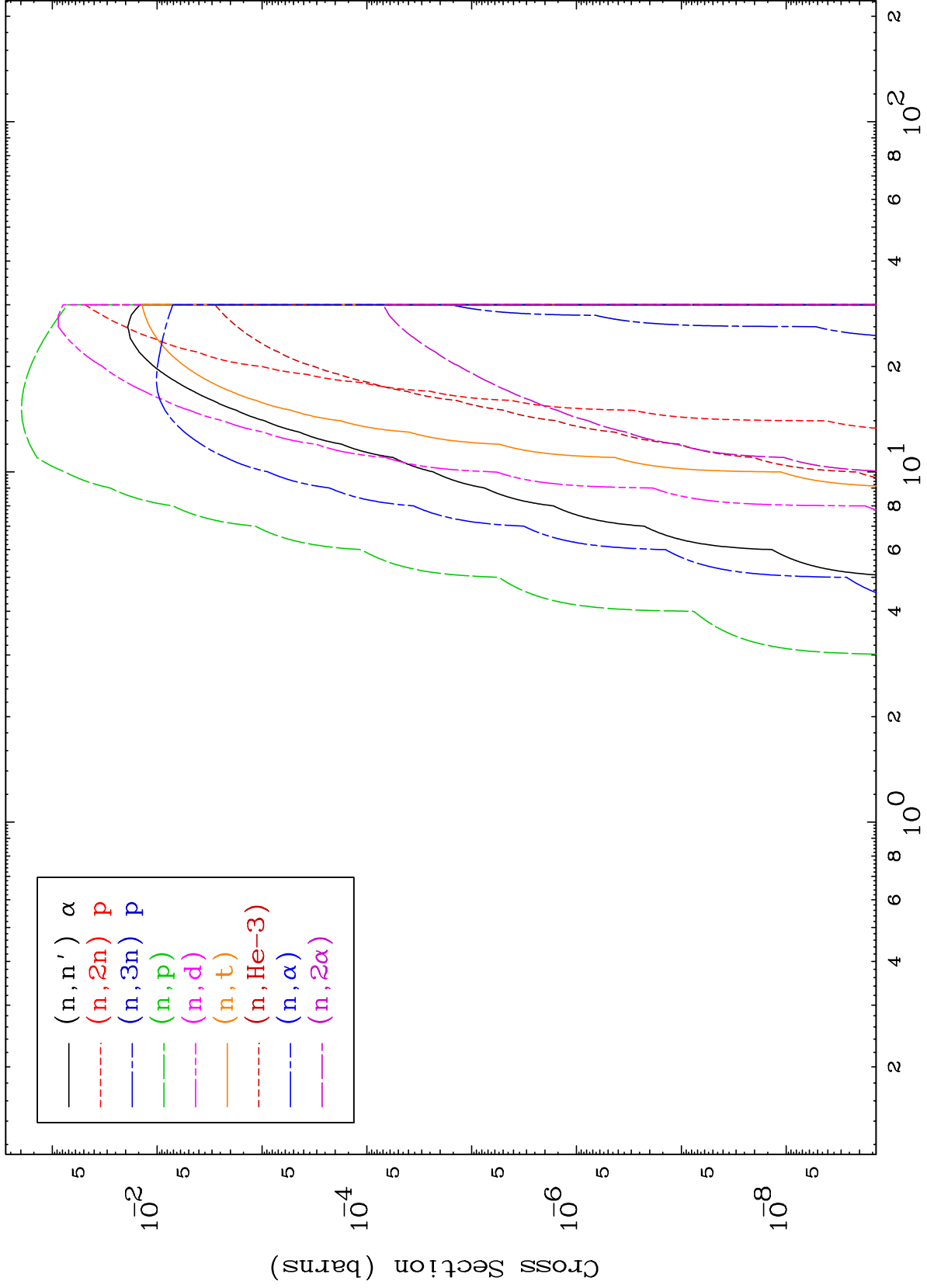


MAT 8281

Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-194m

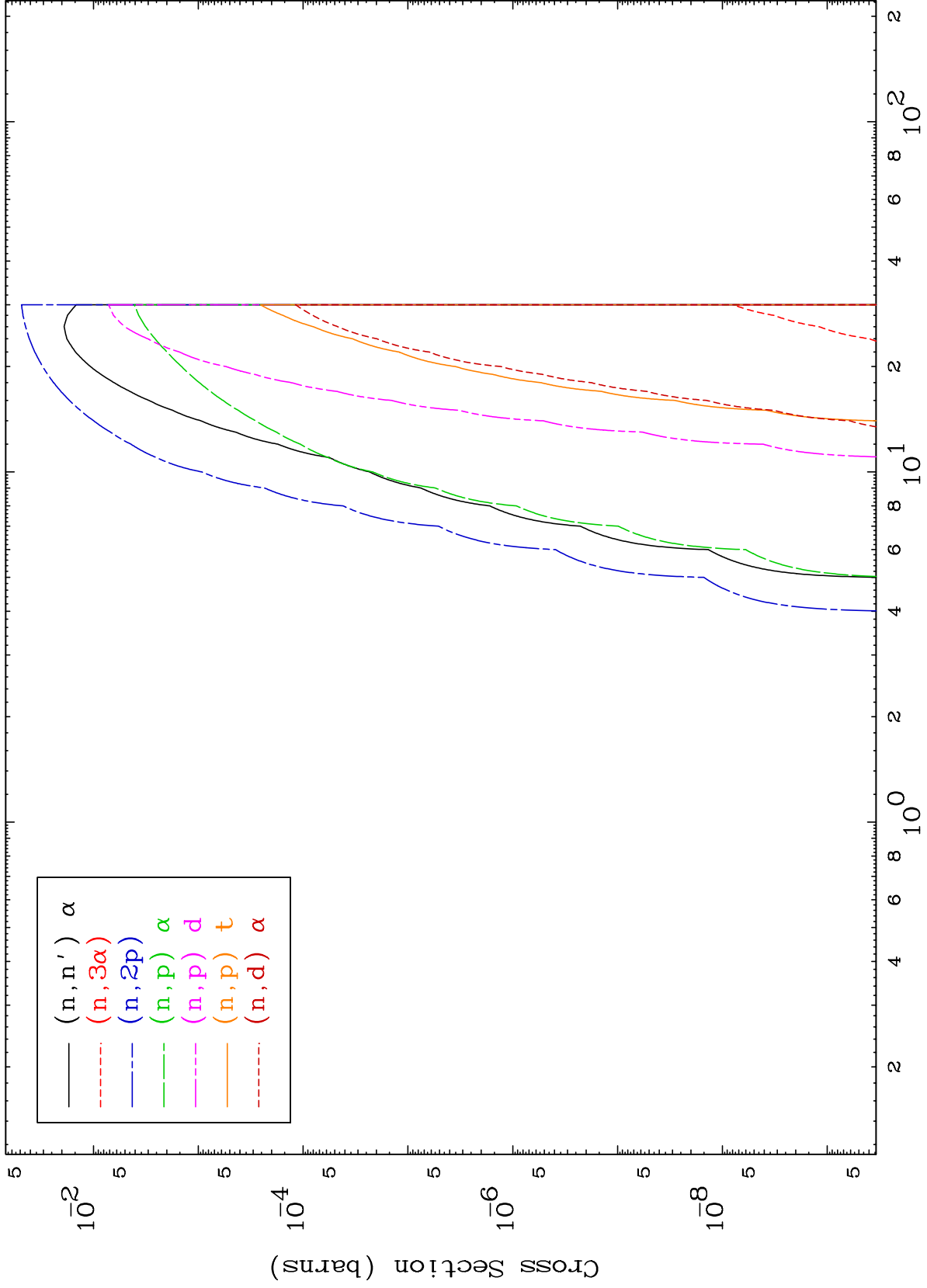




MAT 8281

Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-194m

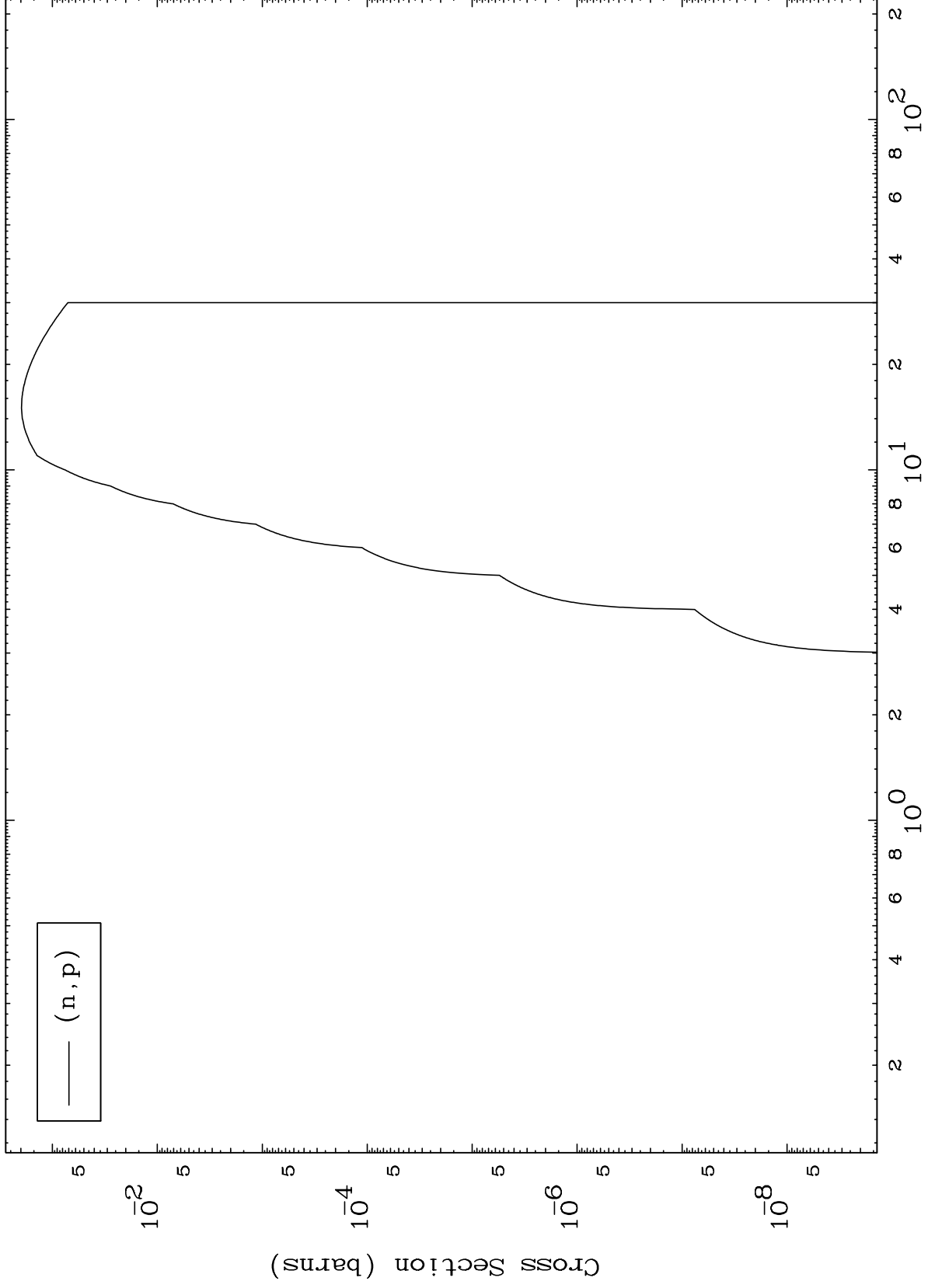


MAT 8281

(d,p) Levels

<sup>83</sup>Bi-194m

0 Kelvin Cross Sections

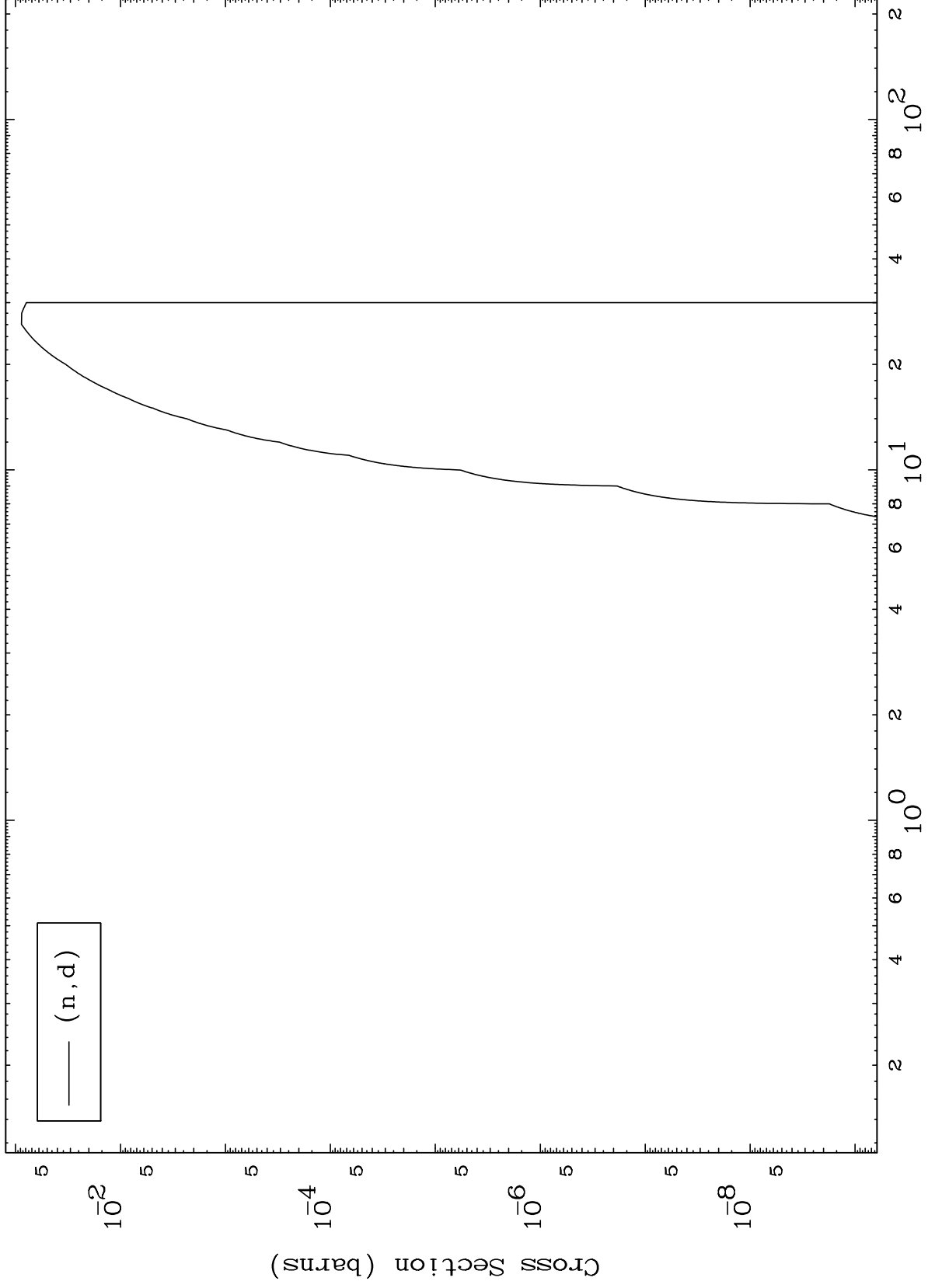


MAT 8281

(d,d) Levels

<sup>83</sup>Bi-194m

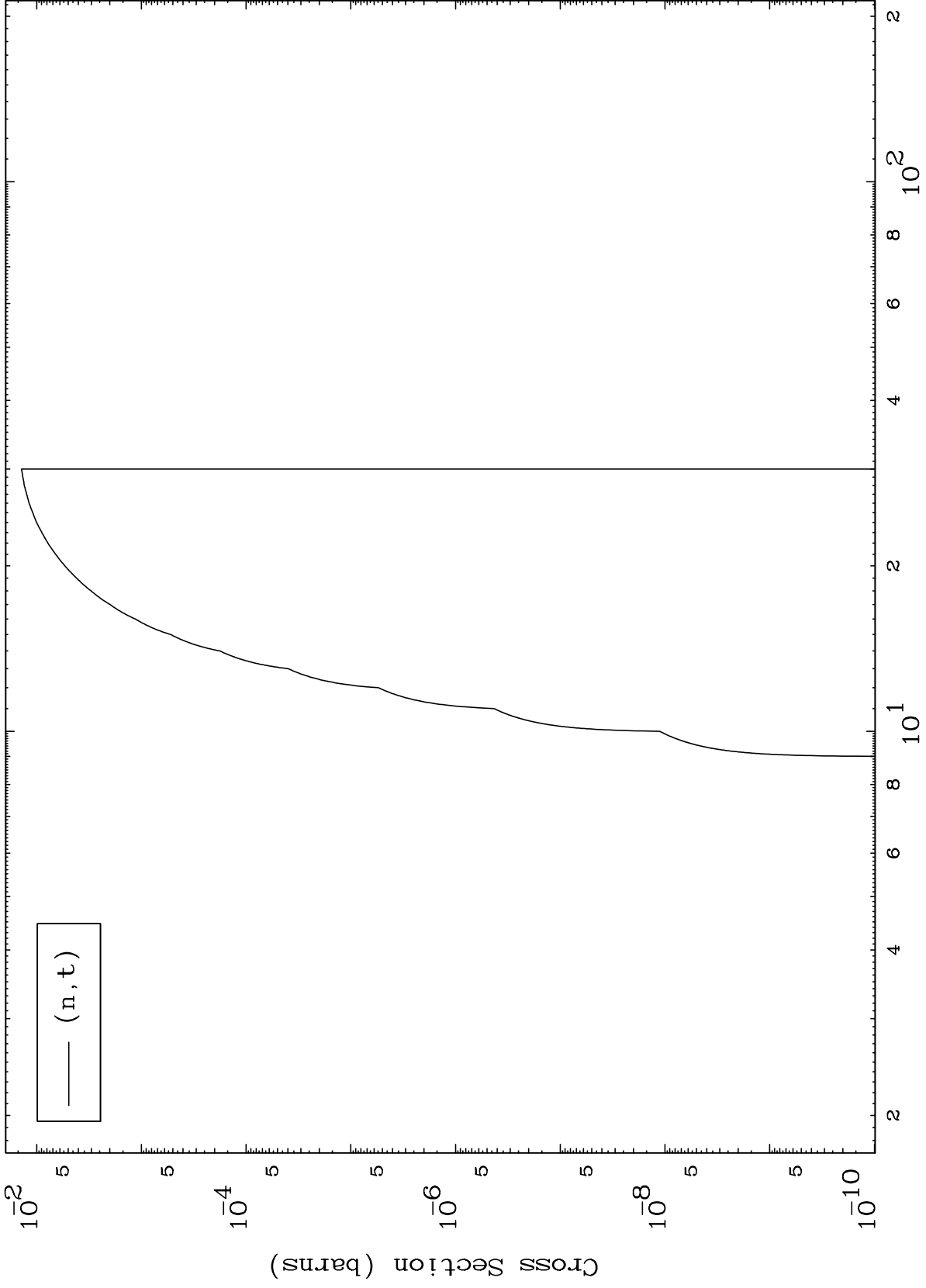
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-194m



10

Incident Energy (MeV)

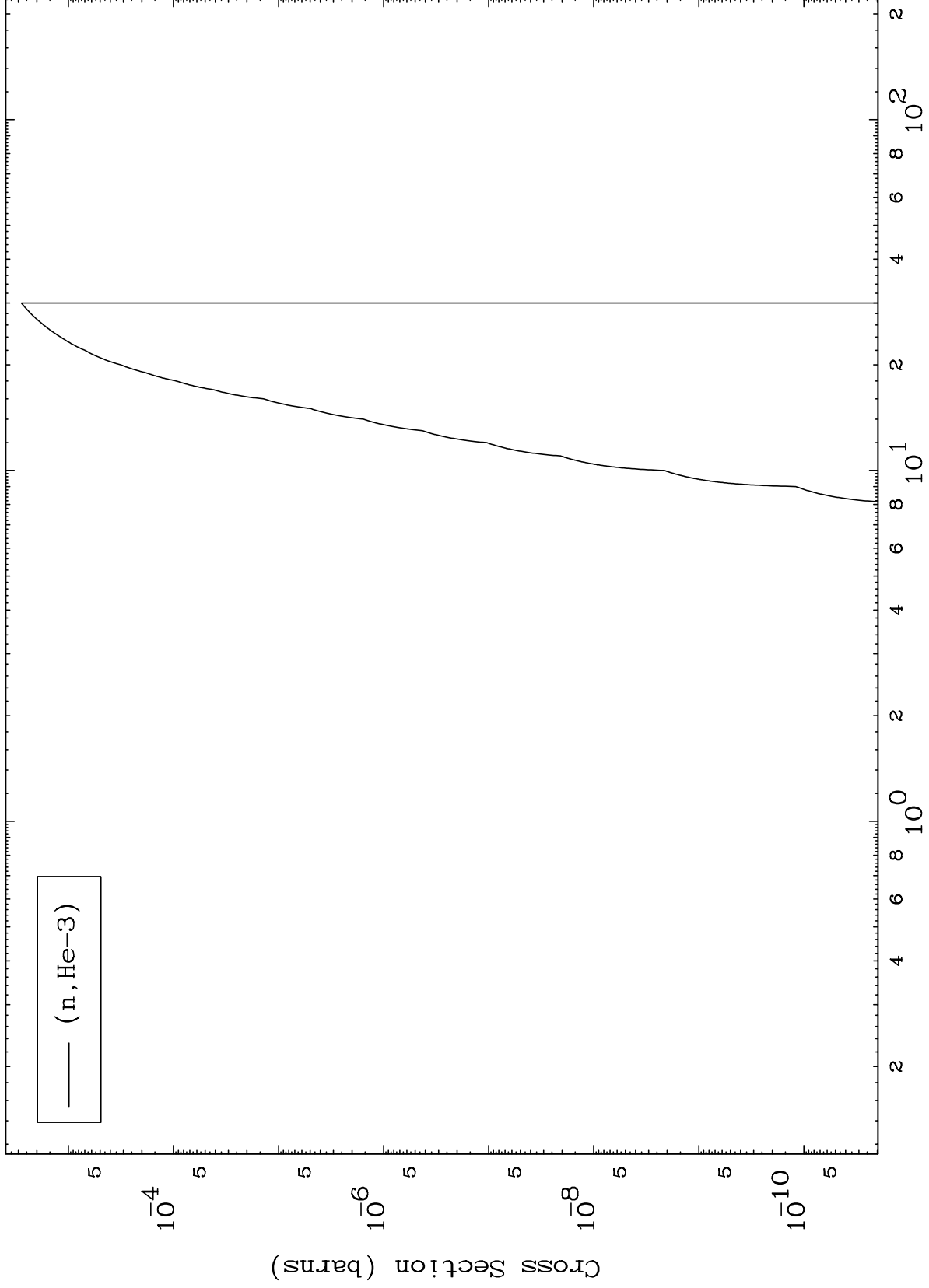
83-Bi-194m

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(d,He3) Levels

83-Bi-194m

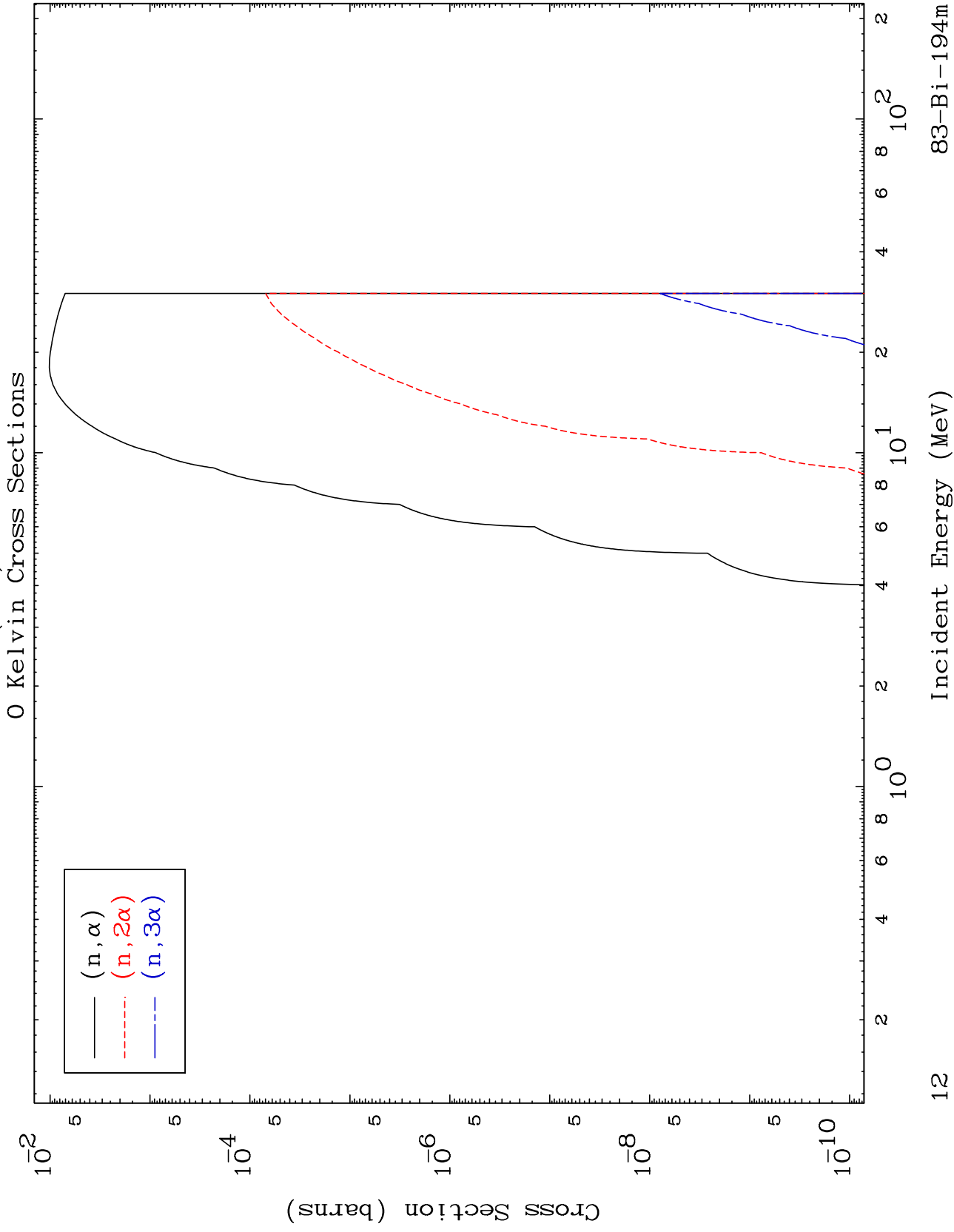
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels

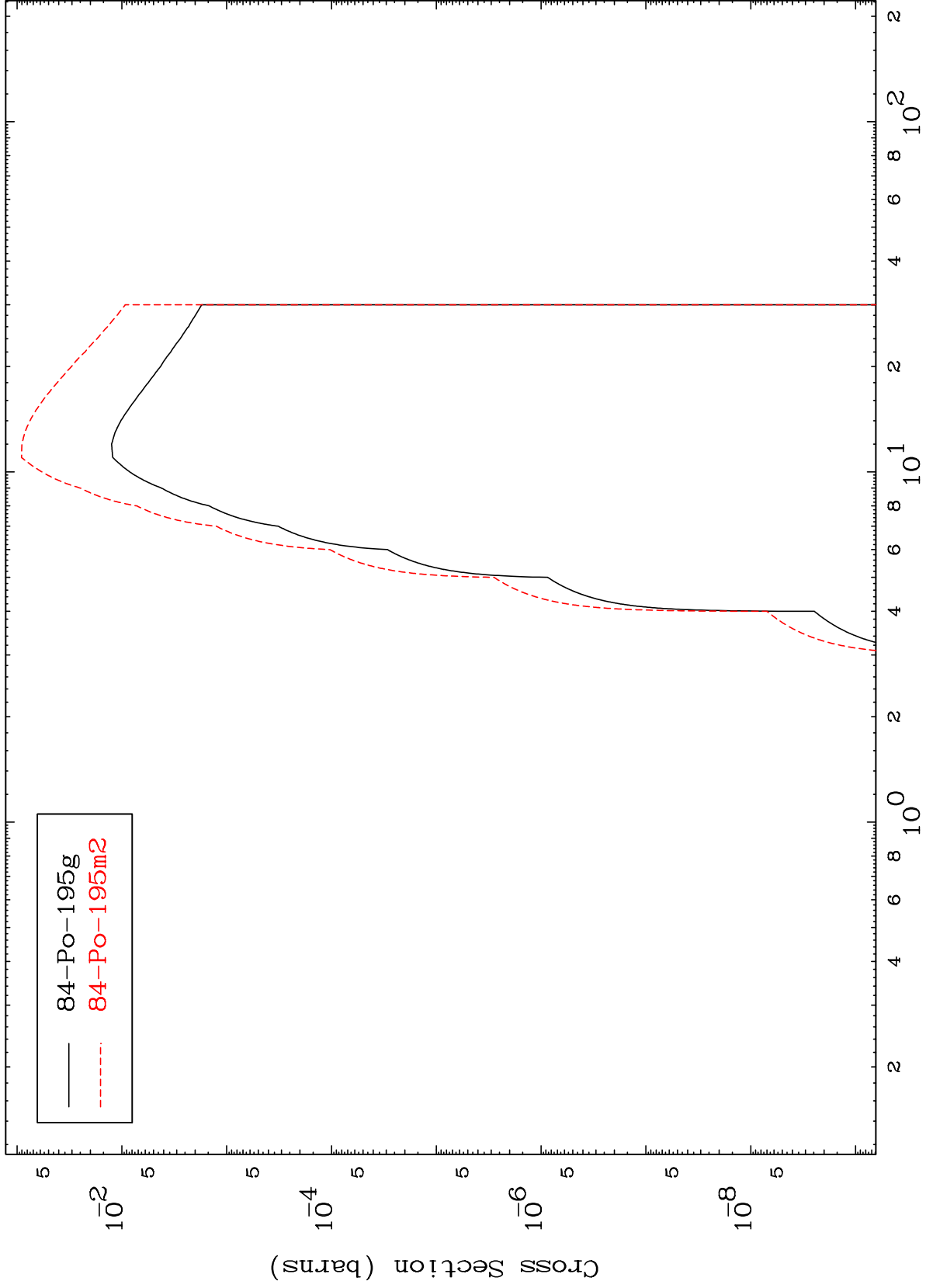
83-Bi-194m



MAT 8281

83-Bi-194m

Inelastic  
Radionuclide Production Cross Section



83-Bi-194m

Incident Energy (MeV)

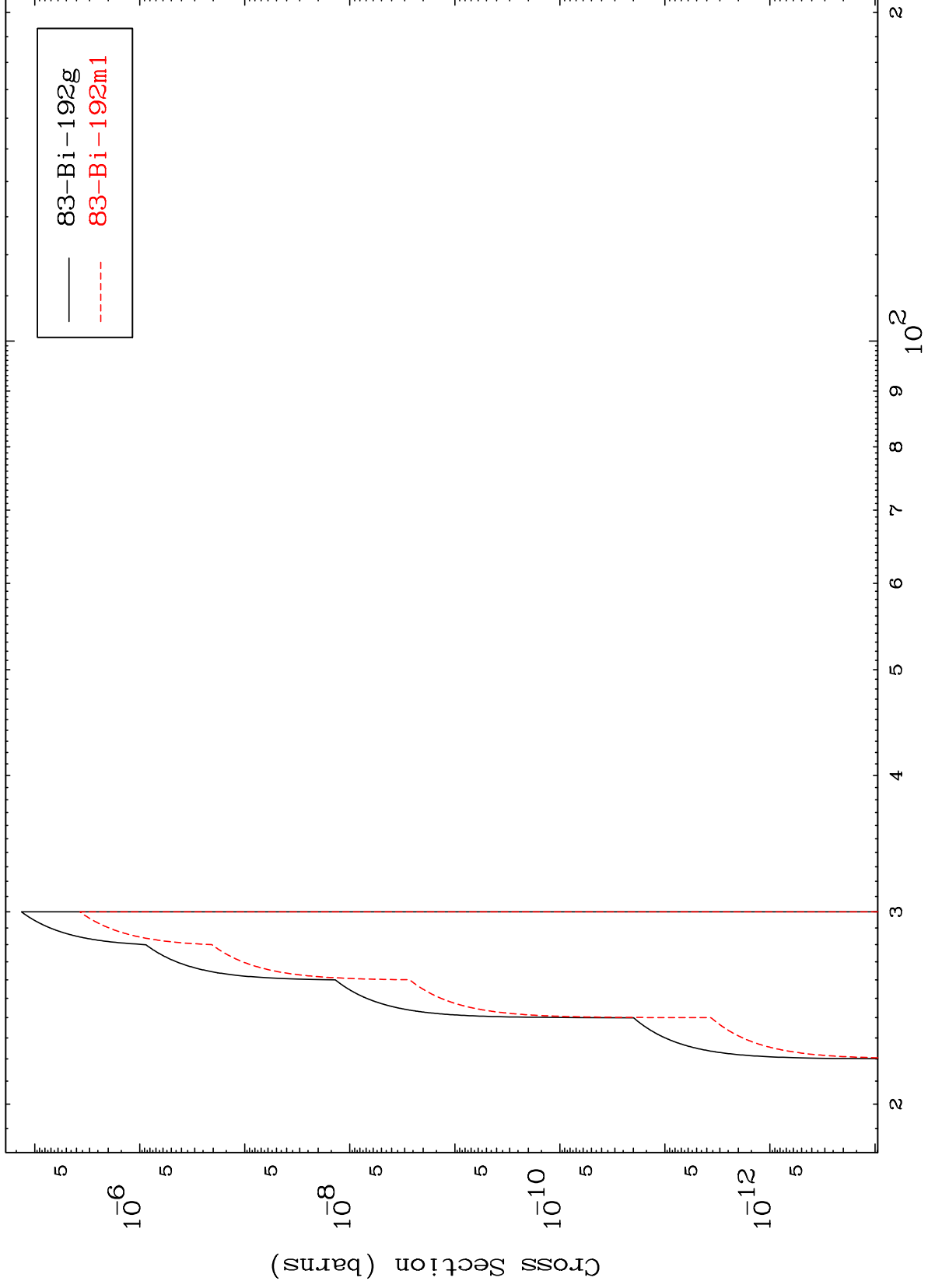
13

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(n,2n) d

83-Bi-194m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

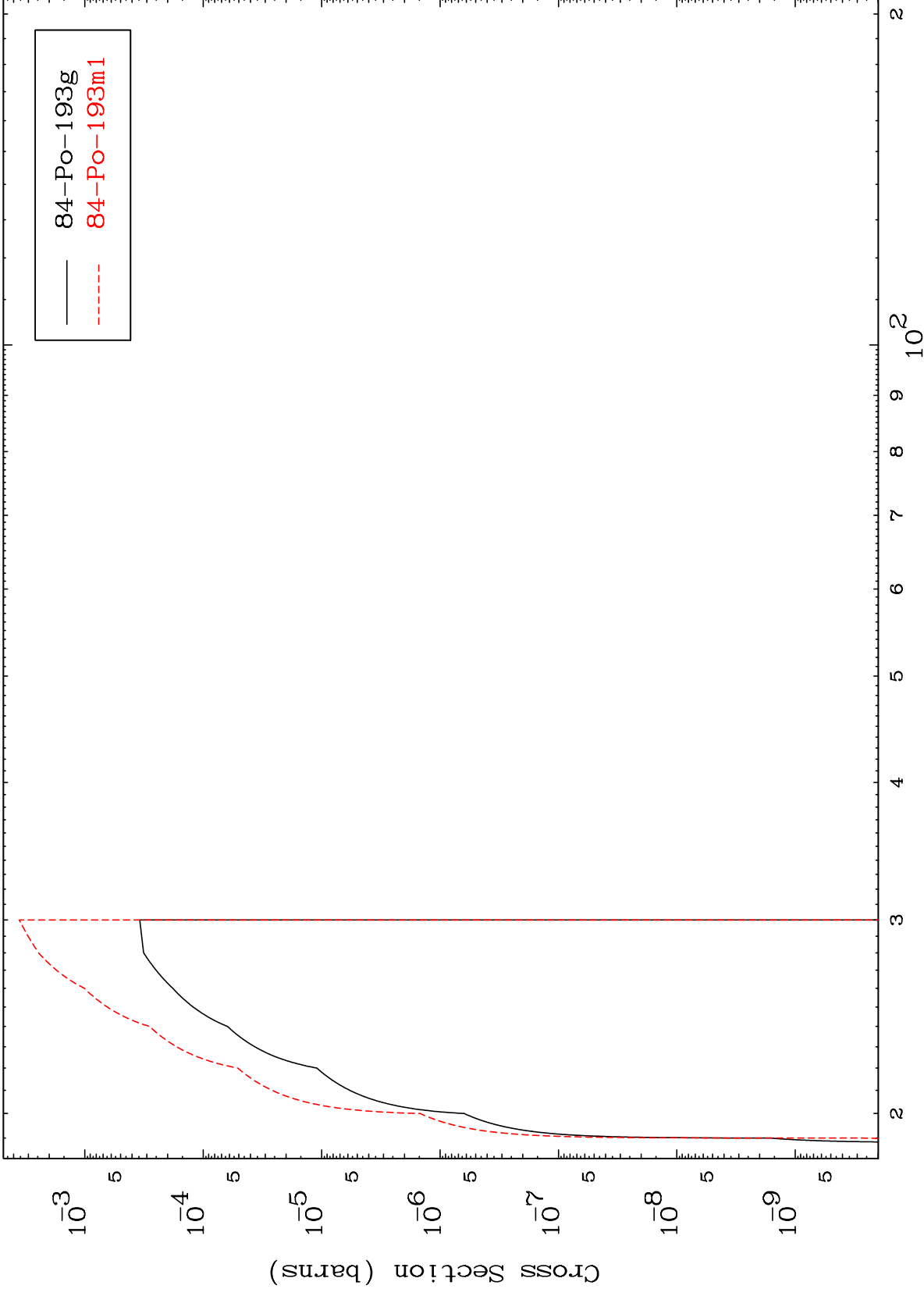
83-Bi-194m

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(n,3n)

83-Bi-194m

Radionuclide Production Cross Section



84-Po-193g  
84-Po-193m1

15

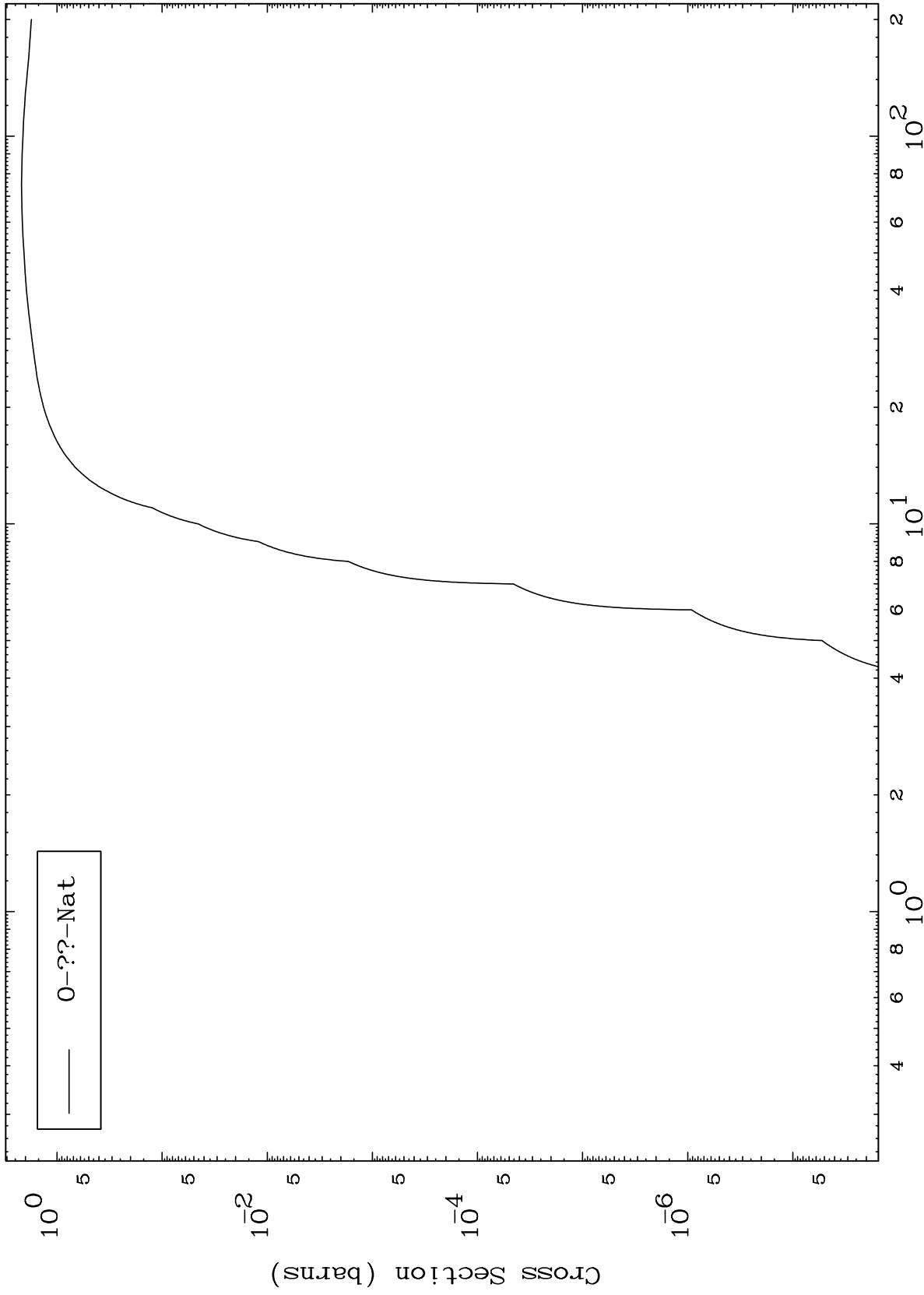
Incident Energy (MeV)

83-Bi-194m

MAT 8281

83-Bi-194m

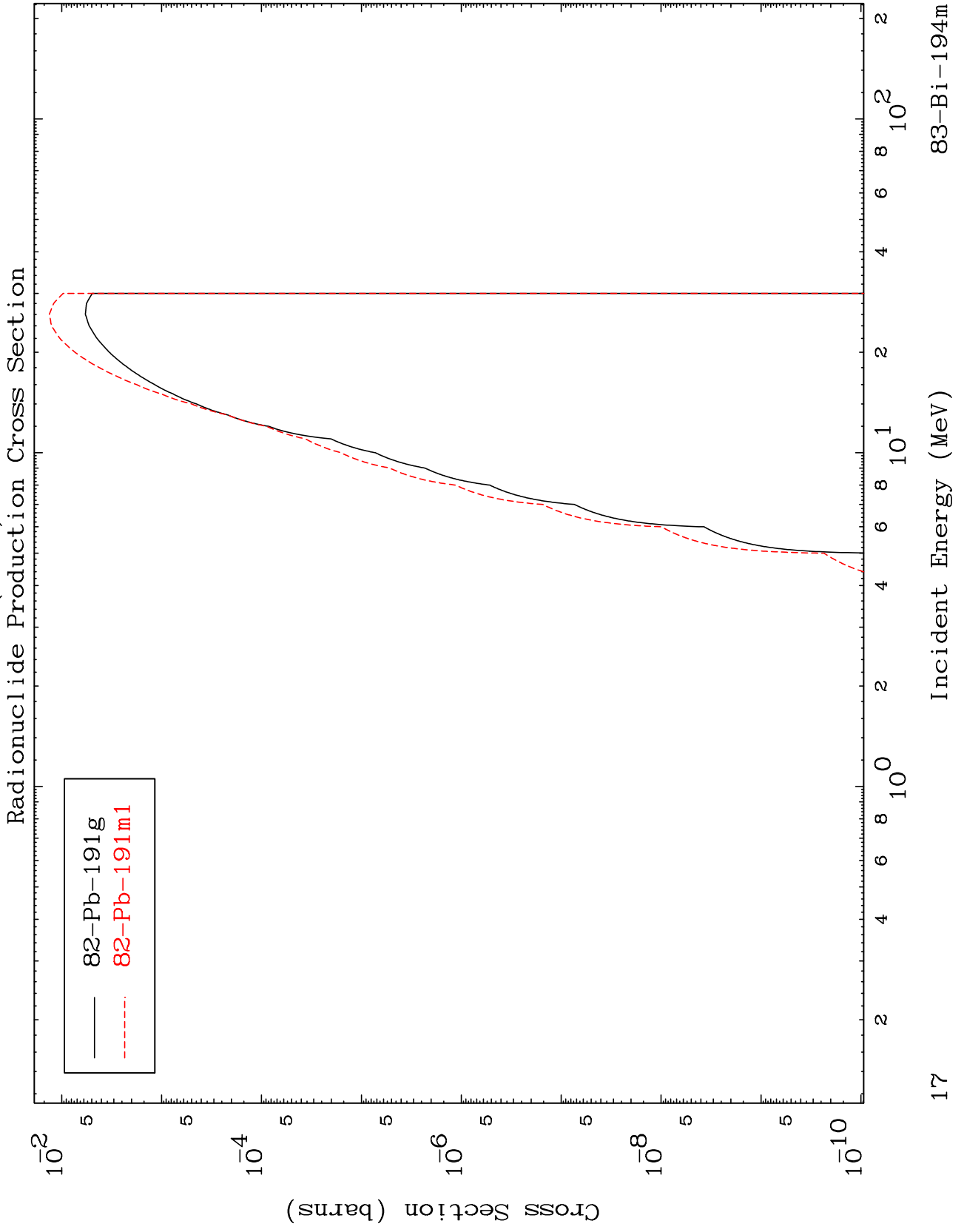
Fission  
Radionuclide Production Cross Section



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$(n, n') \alpha$

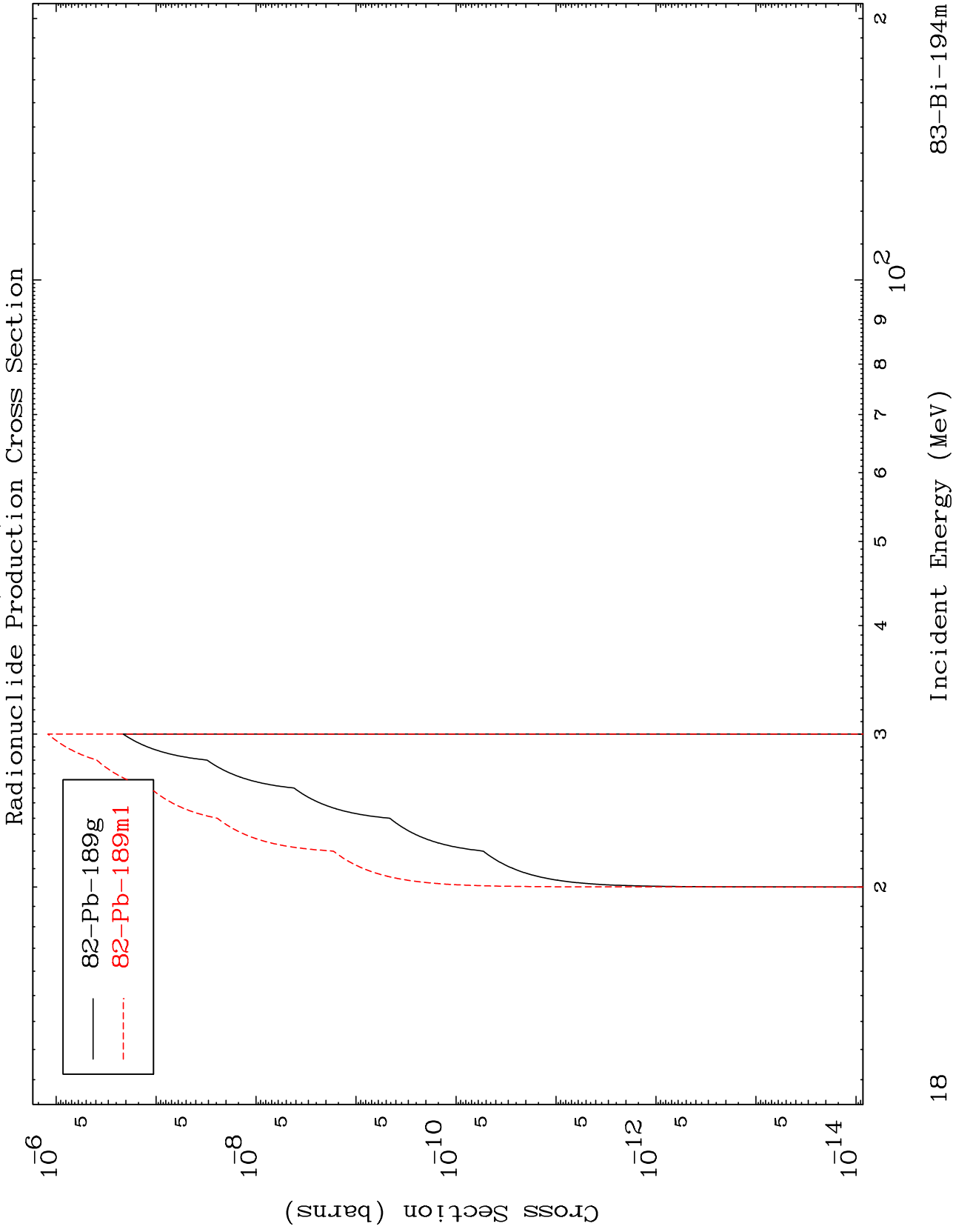
83-Bi-194m



MAT 8281

(n,3n)  $\alpha$

$^{83}\text{Bi}-194\text{m}$

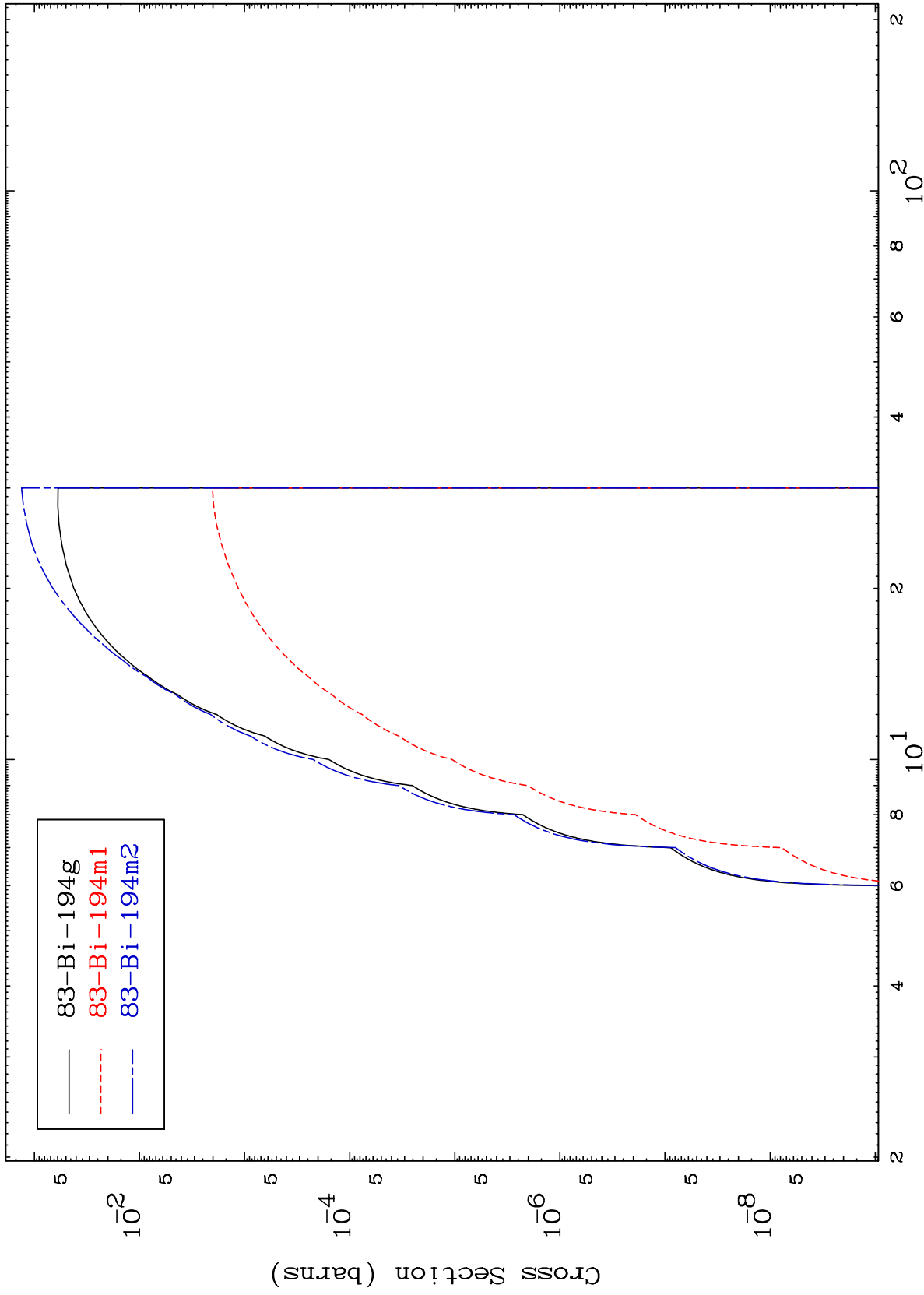


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<sup>83</sup>Bi-194m

(n,n') p

Radionuclide Production Cross Section



19

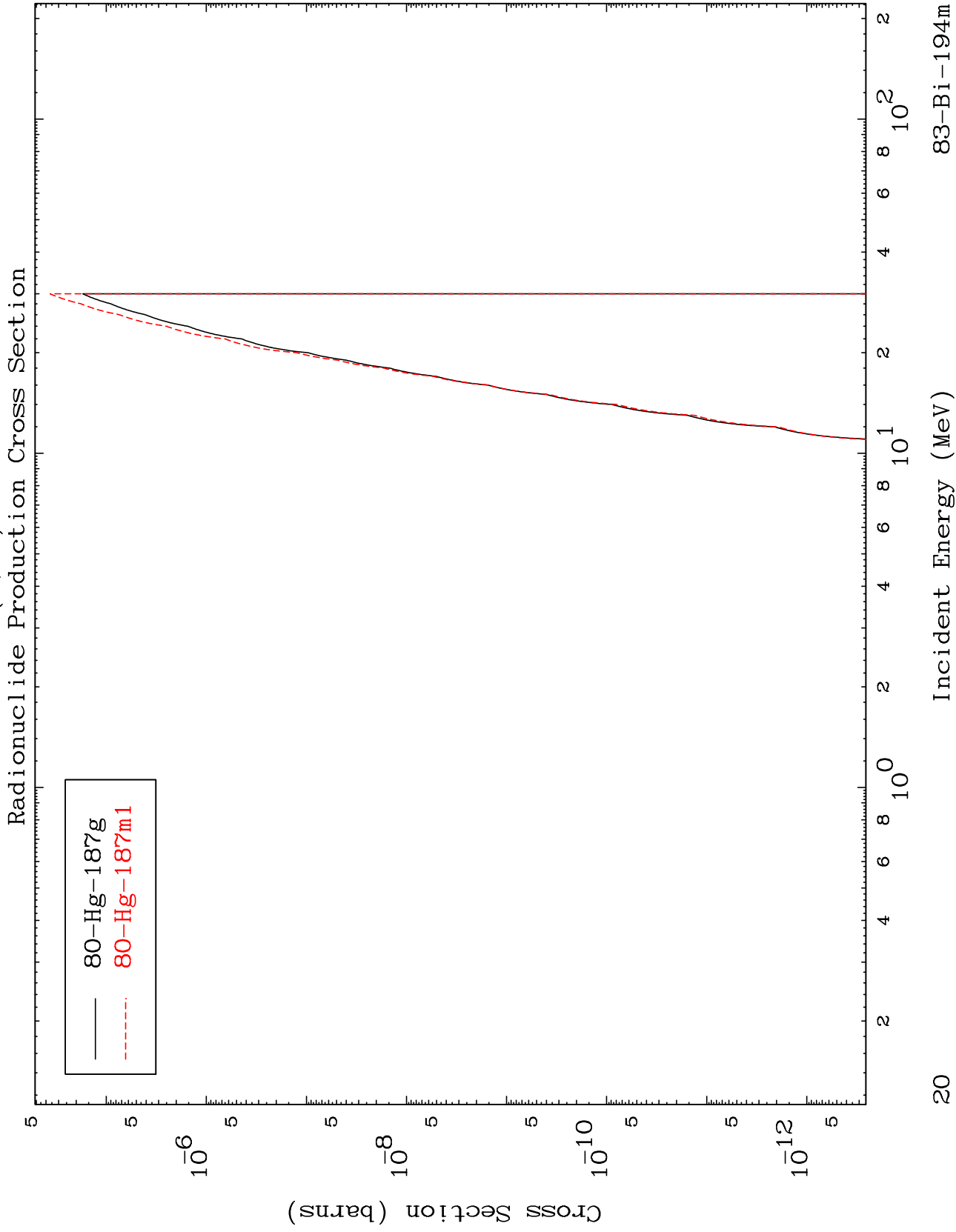
Incident Energy (MeV)

<sup>83</sup>Bi-194m

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(n,n') 2 $\alpha$

83-Bi-194m

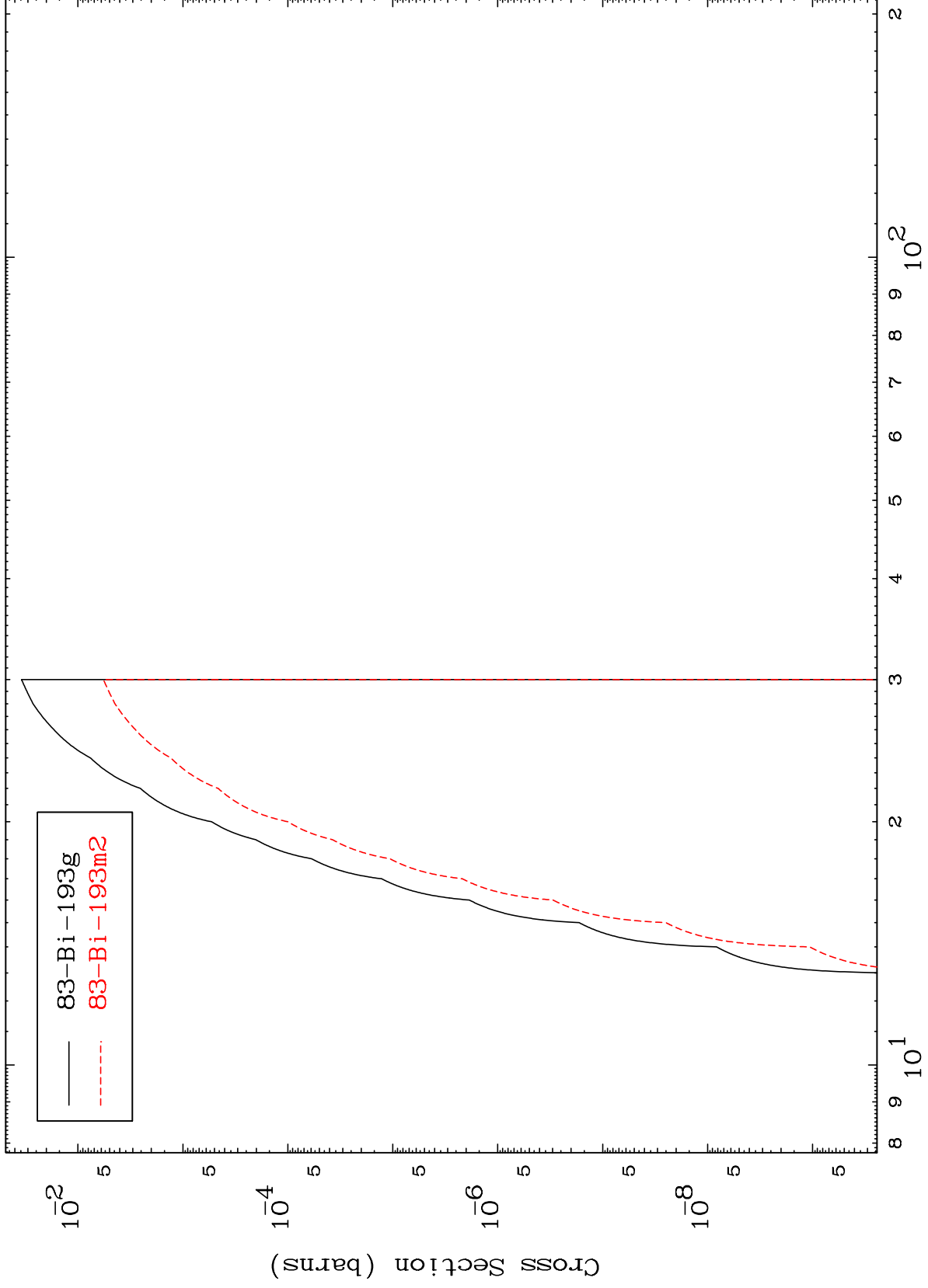


MAT 8281

(n,n') d

83-Bi-194m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

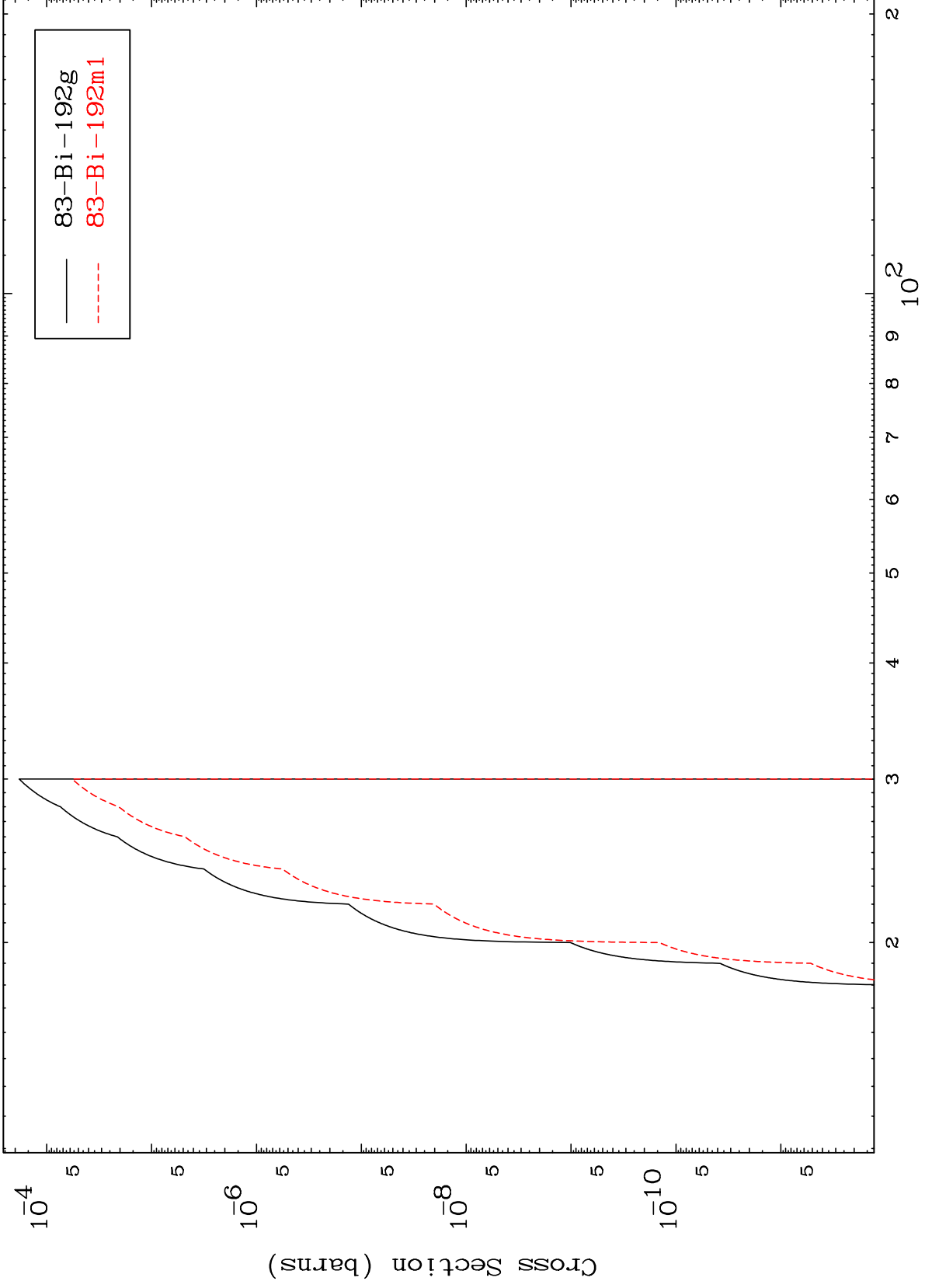
83-Bi-194m

MAT 8281

(n,n') t

83-Bi-194m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

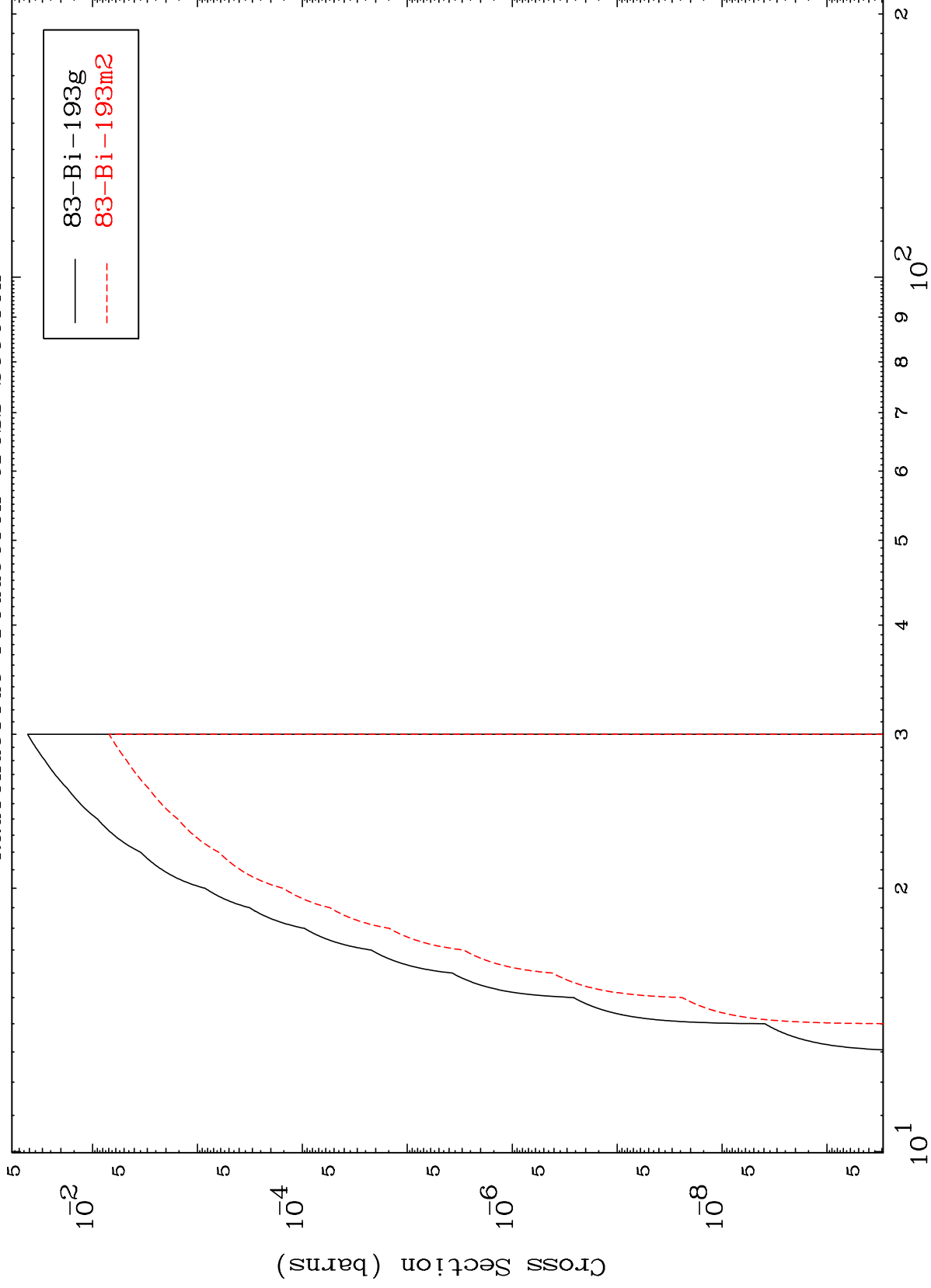
83-Bi-194m

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$(n,2n)$  p

$^{83}\text{Bi}-194\text{m}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{83}\text{Bi}-194\text{m}$

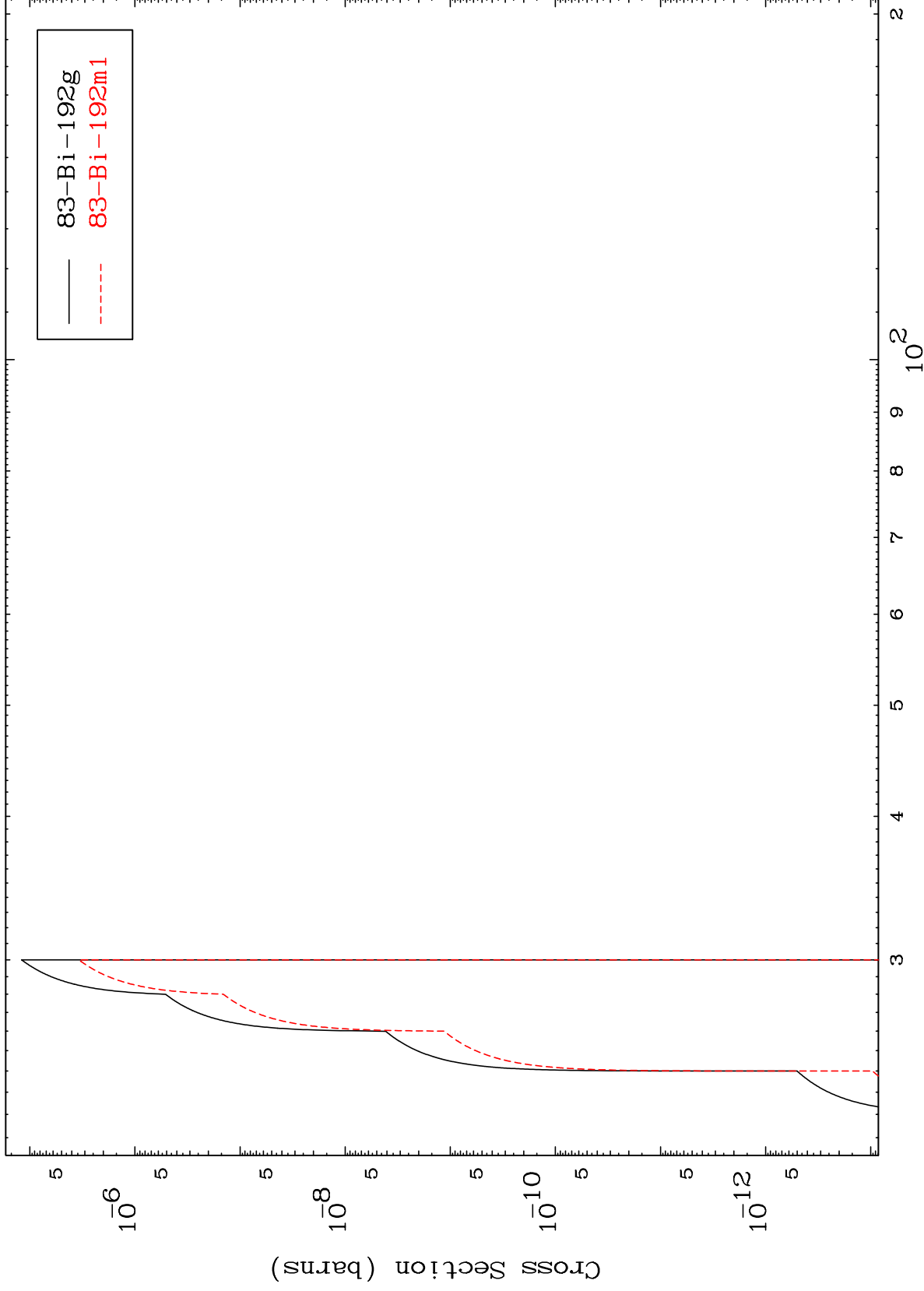
23

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$(n,3n)$  p

$^{83}\text{Bi}-194\text{m}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

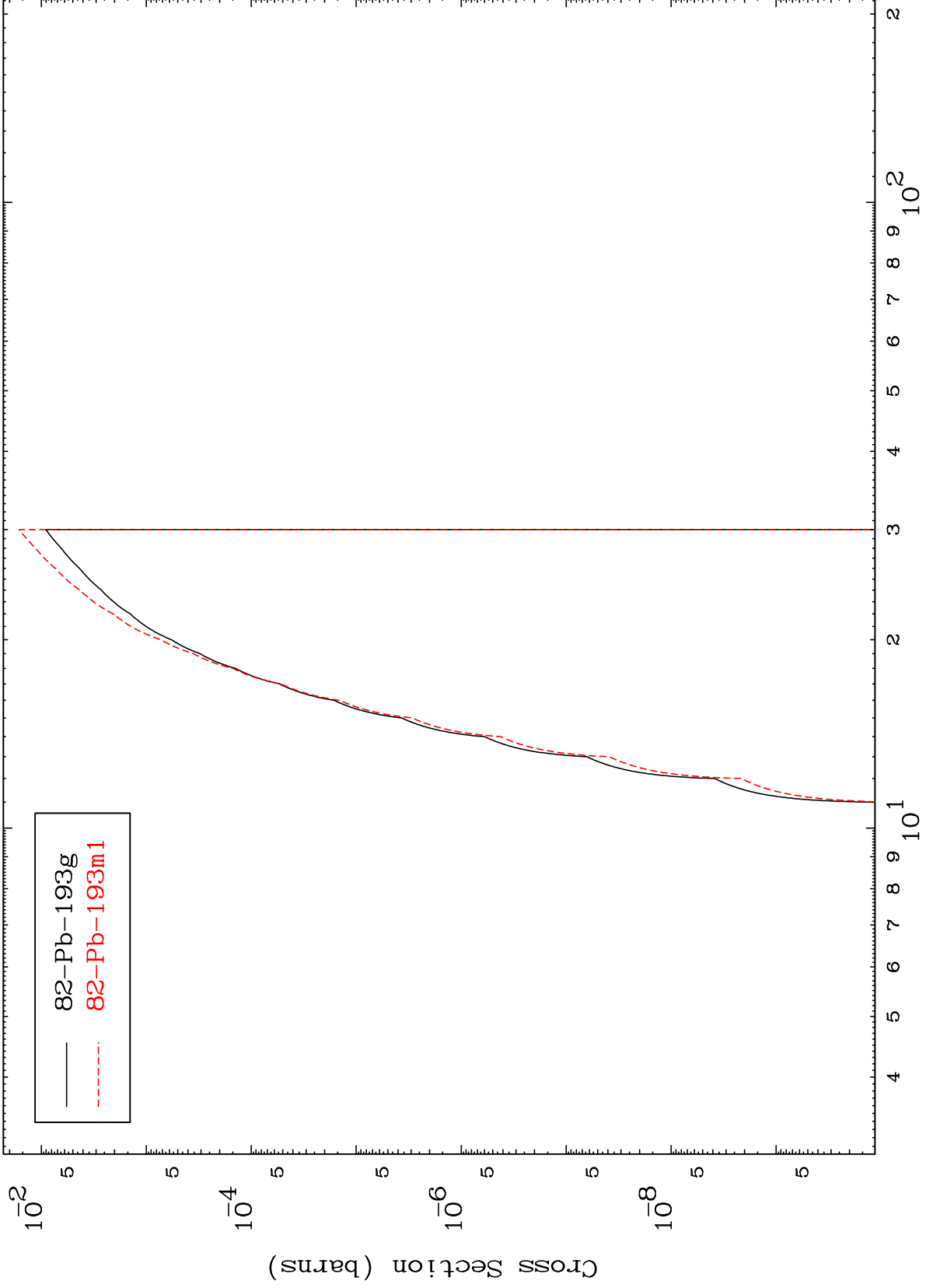
$^{83}\text{Bi}-194\text{m}$

MAT 8281

(n,2n) p

83-Bi-194m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

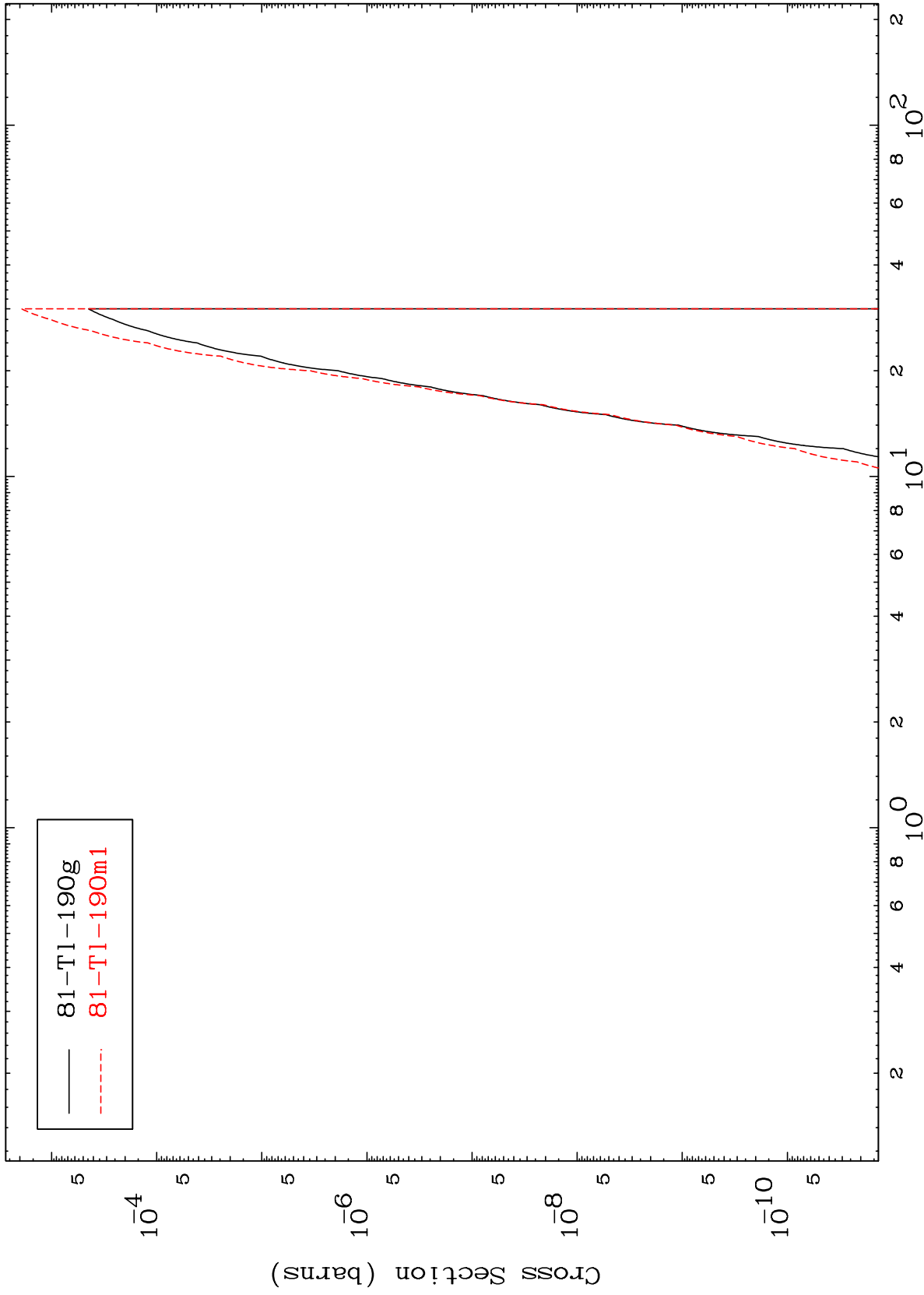
83-Bi-194m

MAT 8281

(n,n') p  $\alpha$

83-Bi-194m

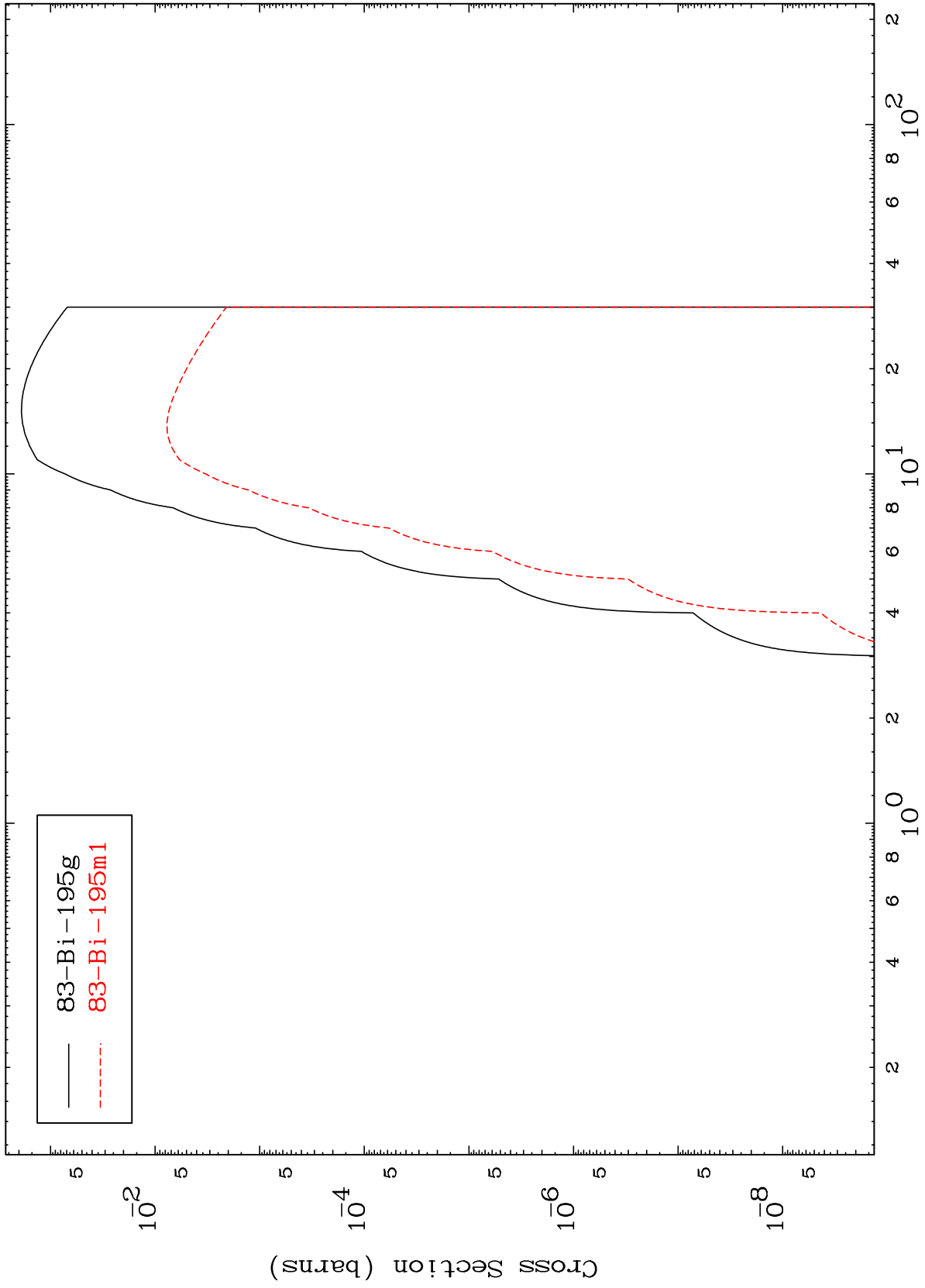
Radionuclide Production Cross Section



MAT 8281

<sup>83</sup>Bi-194m

(n,p)  
Radionuclide Production Cross Section

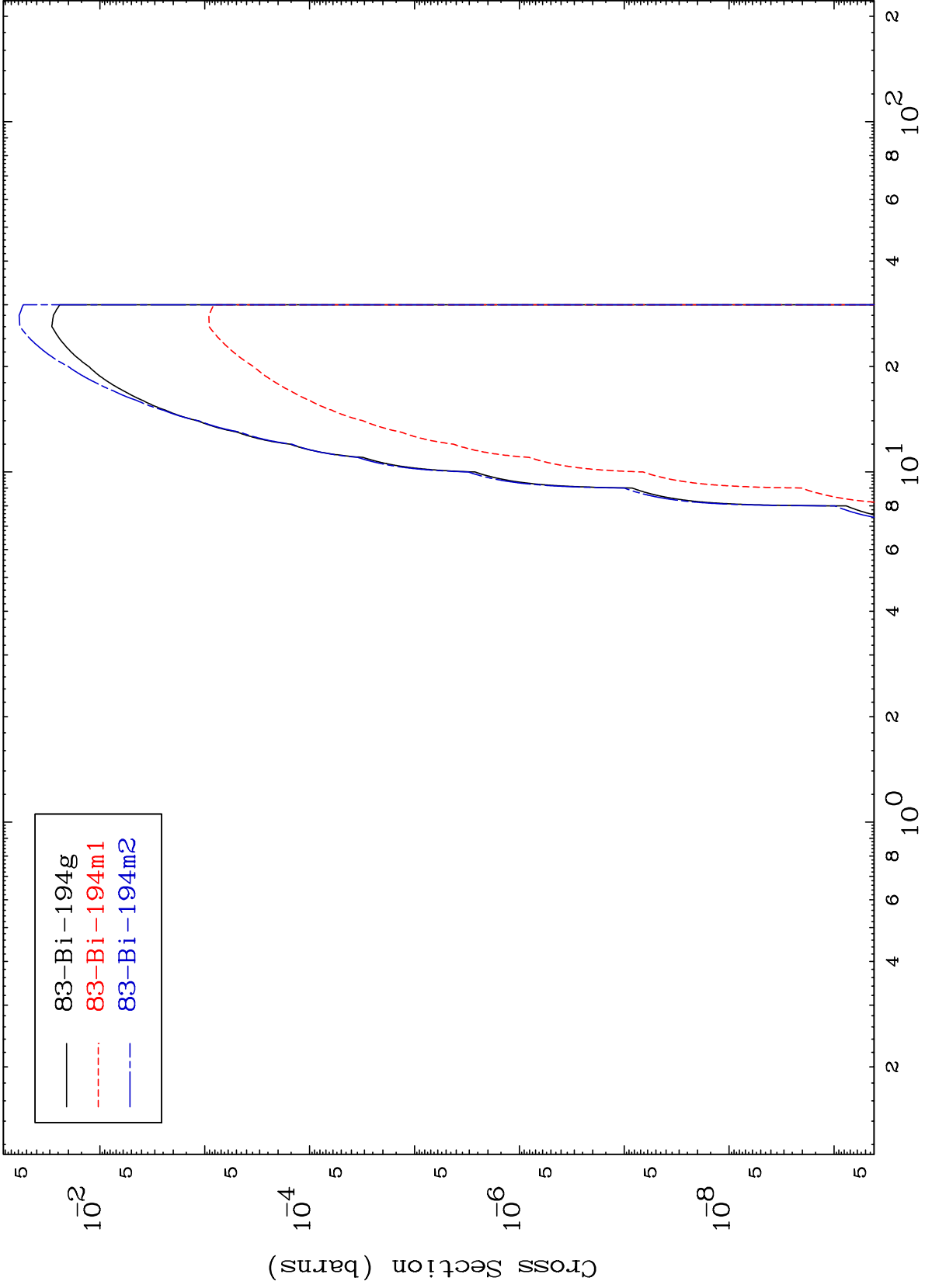


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<sup>83</sup>Bi-194m

(n,d)

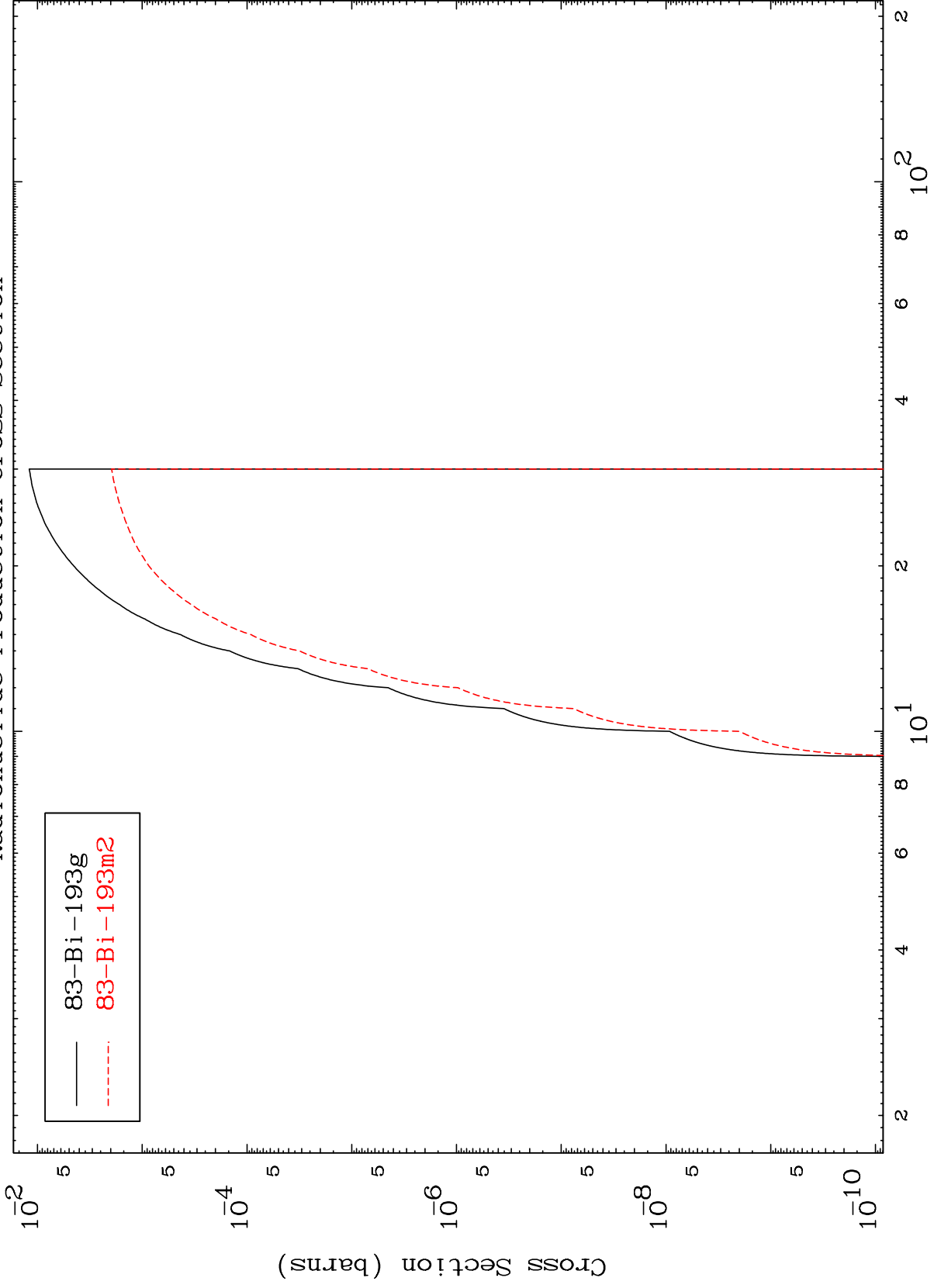
Radionuclide Production Cross Section



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<sup>83</sup>Bi-194m

(n, t)  
Radionuclide Production Cross Section



29

<sup>83</sup>Bi-194m

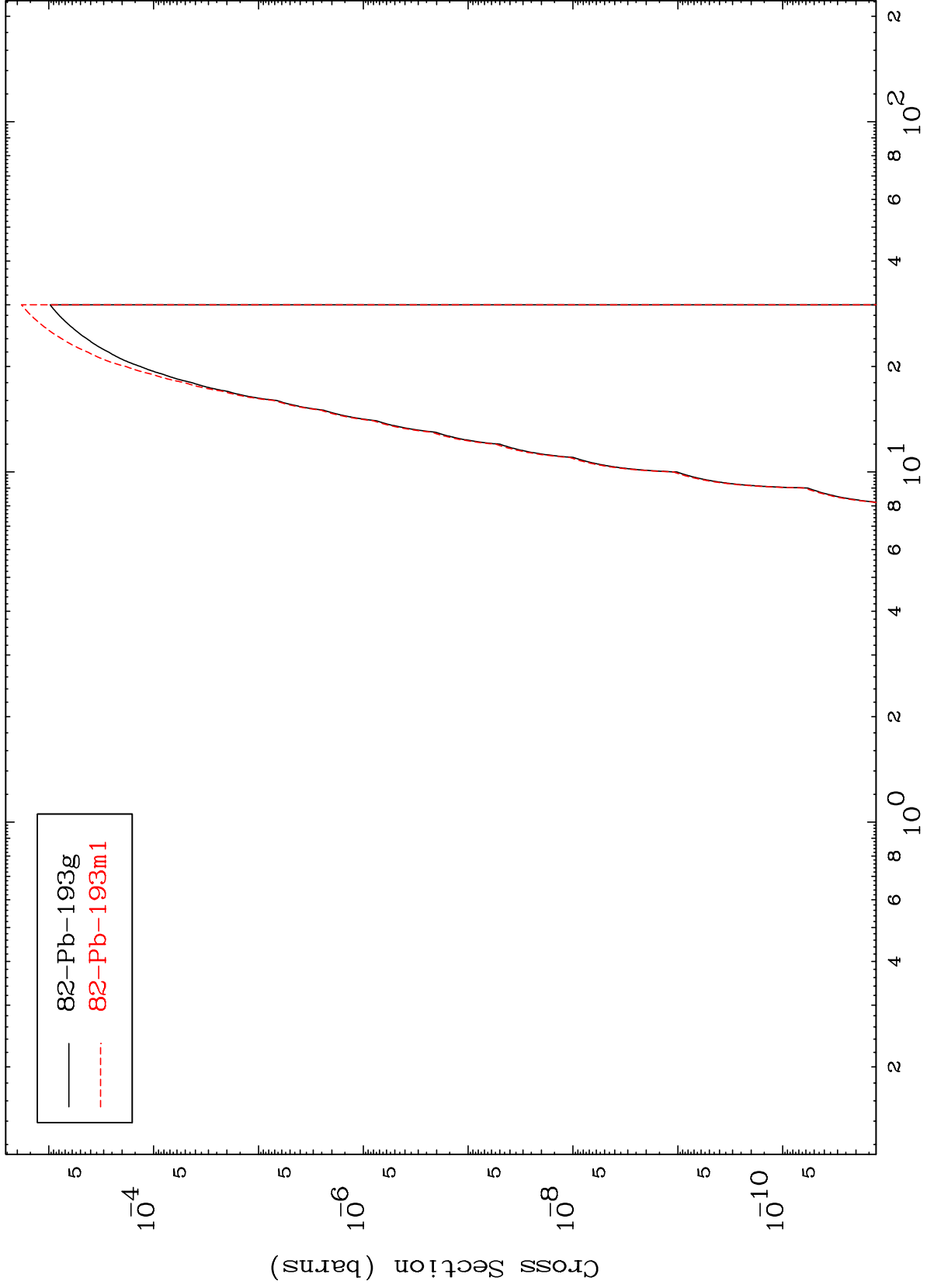
Incident Energy (MeV)

MAT 8281

(n,He-3)

83-Bi-194m

Radionuclide Production Cross Section



30

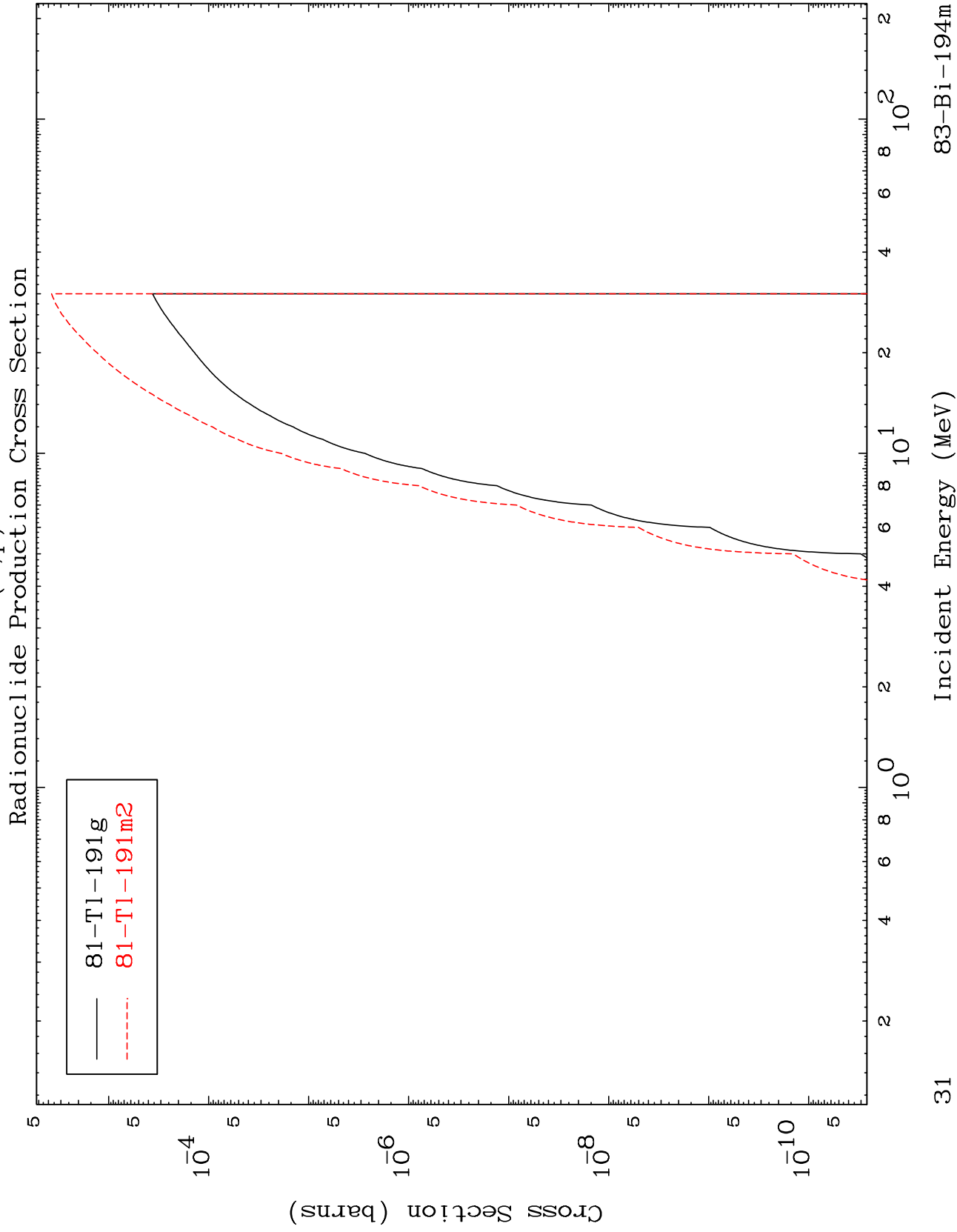
Incident Energy (MeV)

83-Bi-194m

MAT 8281

(n,p)  $\alpha$

$^{83}\text{Bi}-194\text{m}$

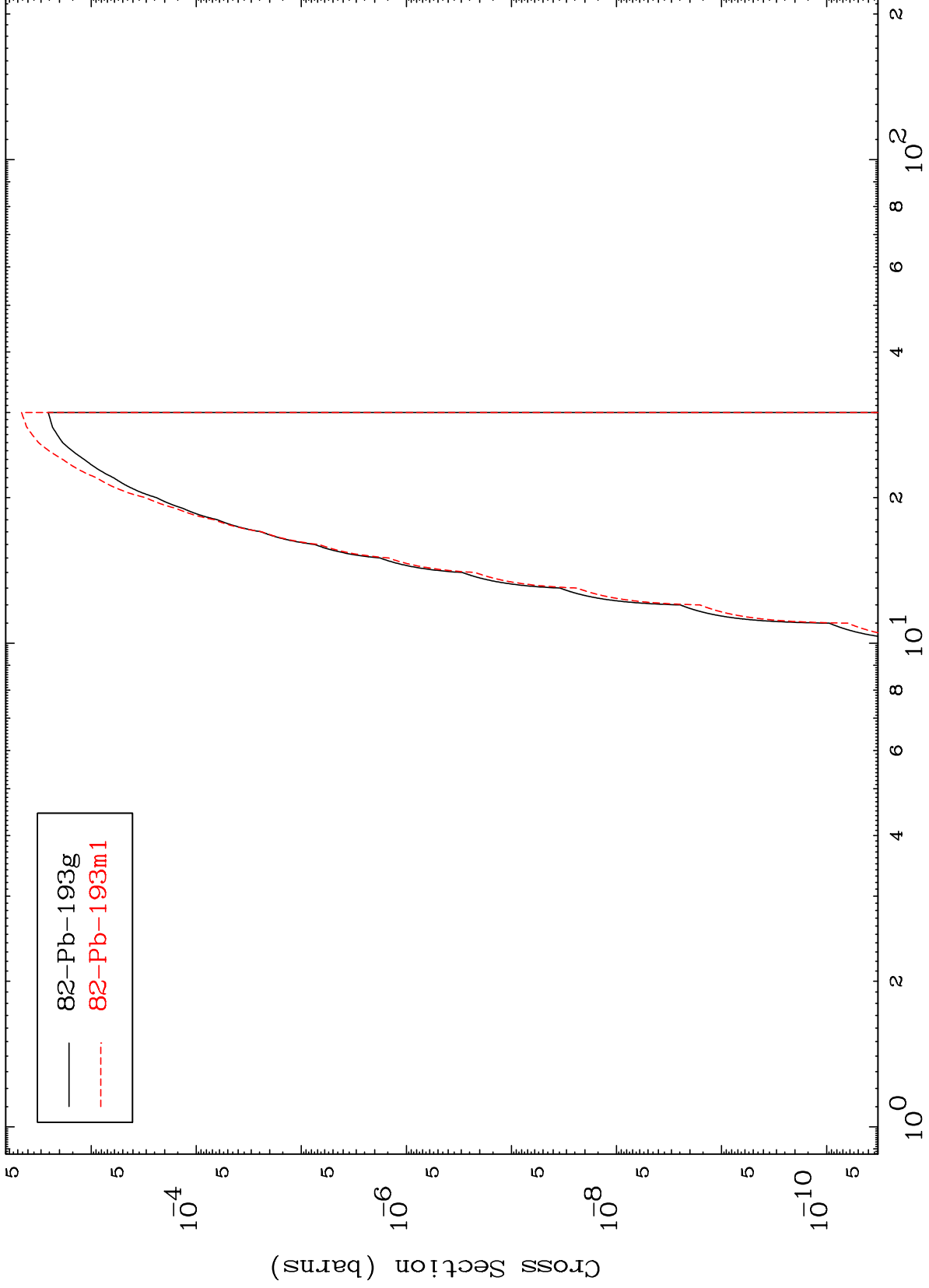


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(n,p) d

83-Bi-194m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-194m

MAT 8281

(n,d)  $\alpha$

83-Bi-194m

