

Program EVALPLOT  
(Version 2021-1)

by

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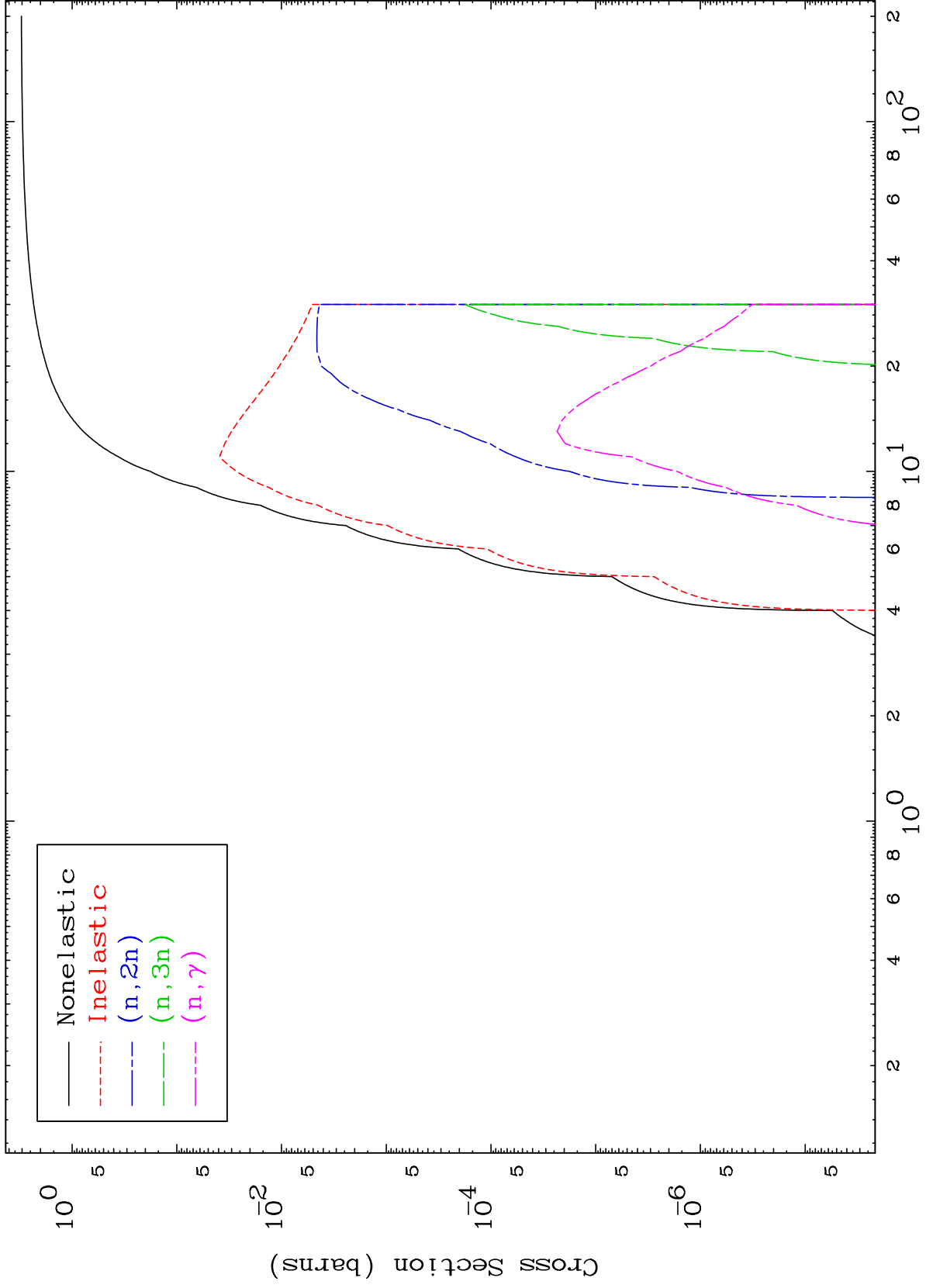
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8275

Deuteron Major  
0 Kelvin Cross Sections

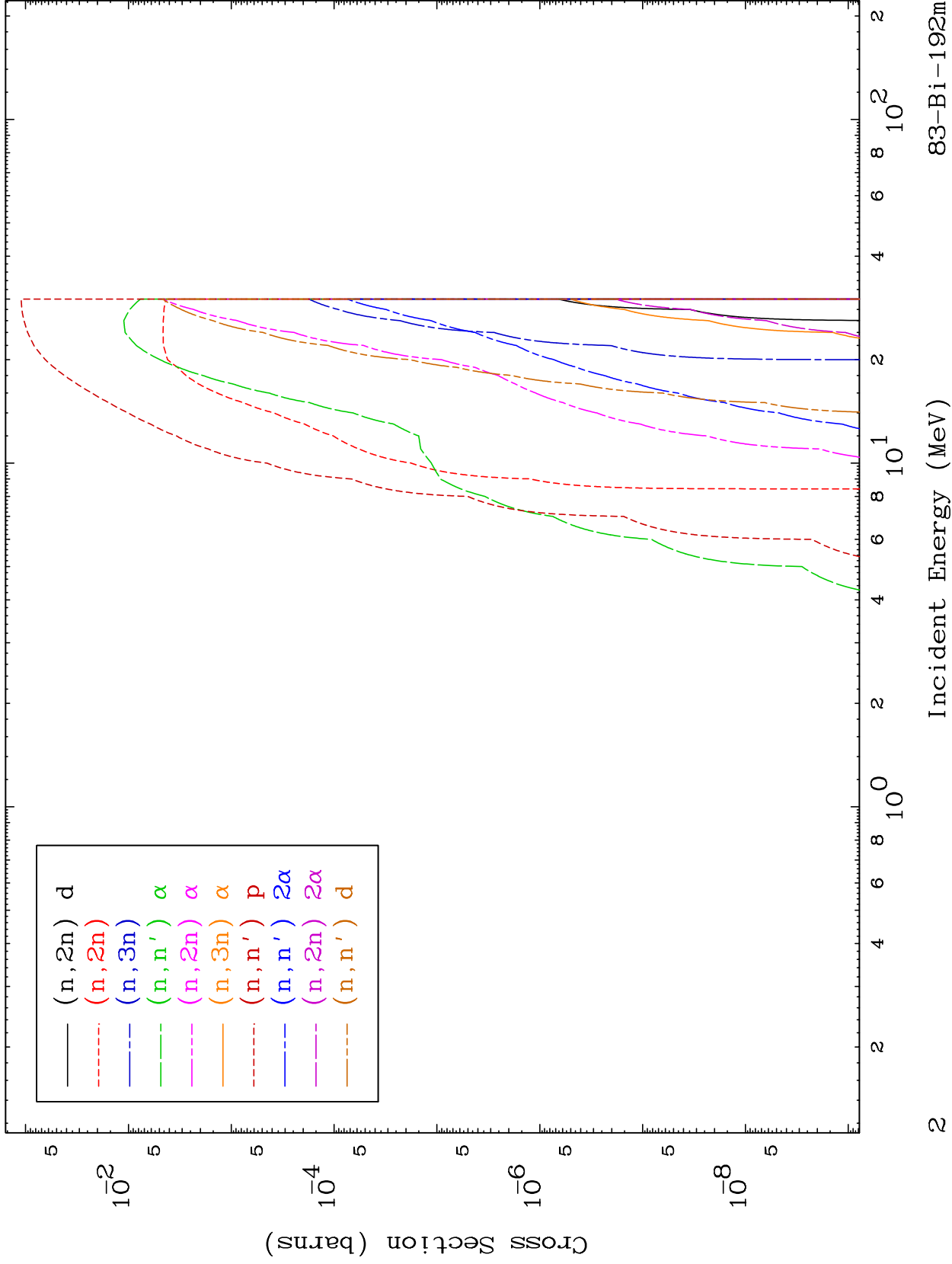
83-Bi-192m

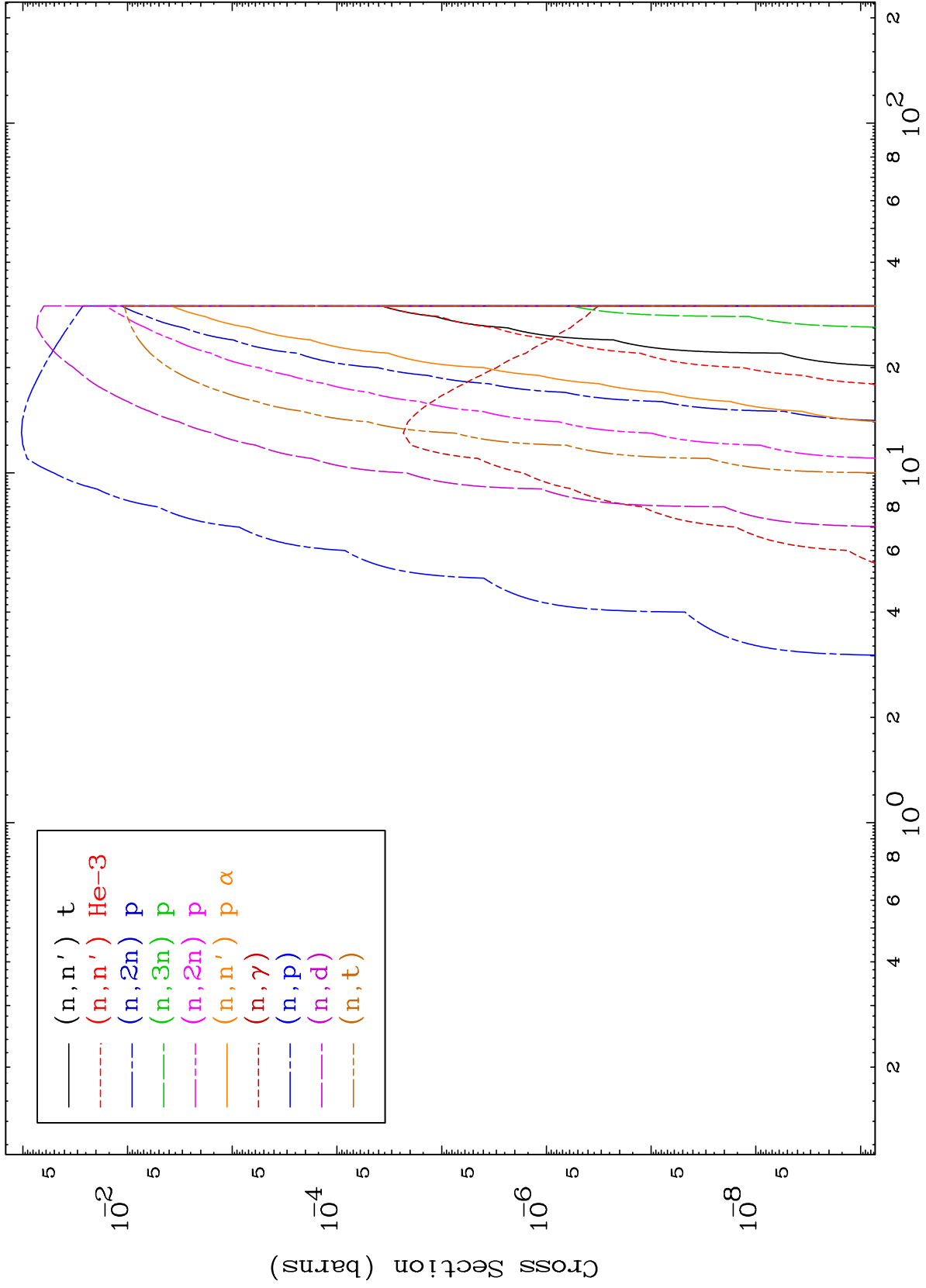


MAT 8275

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-192m

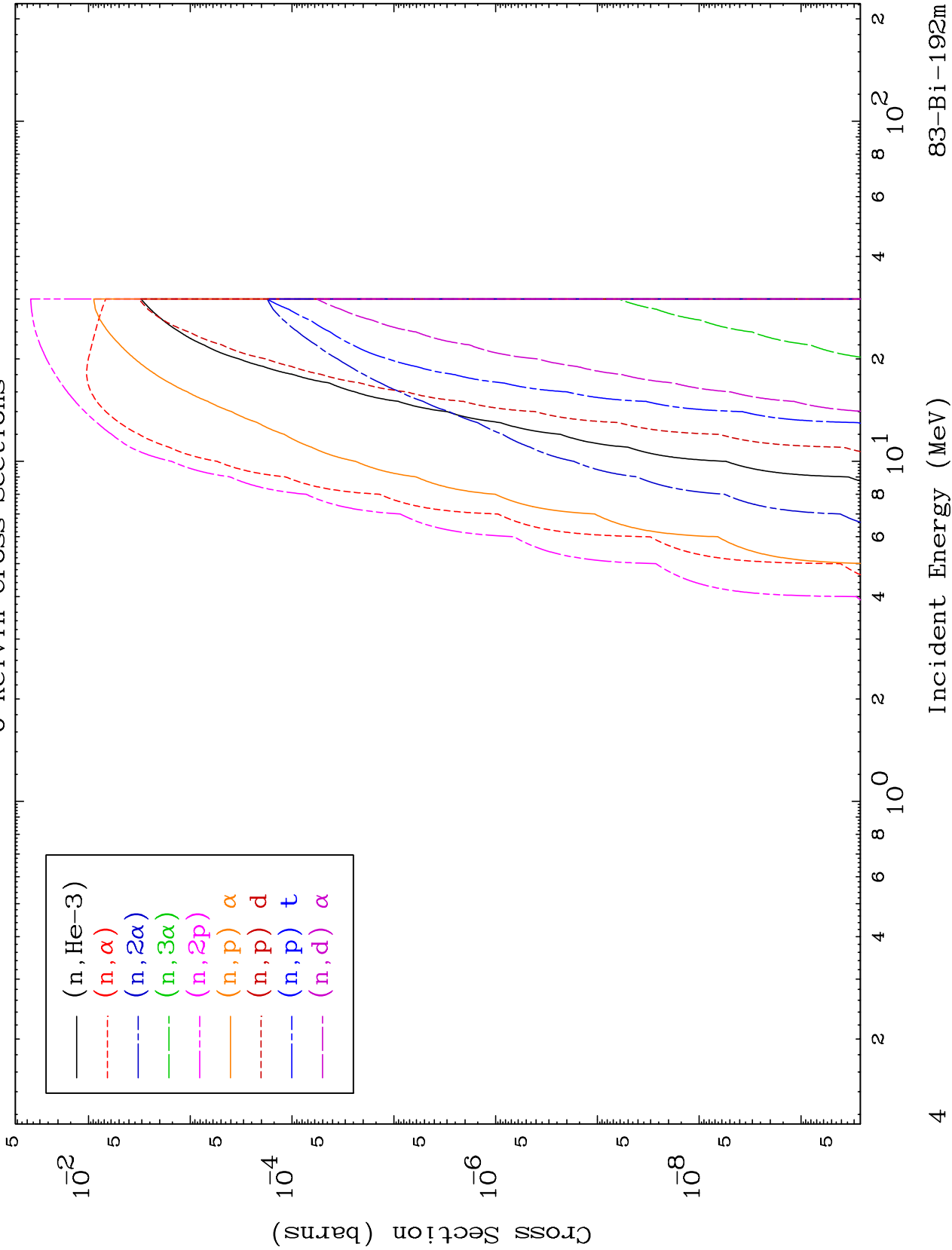




MAT 8275

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

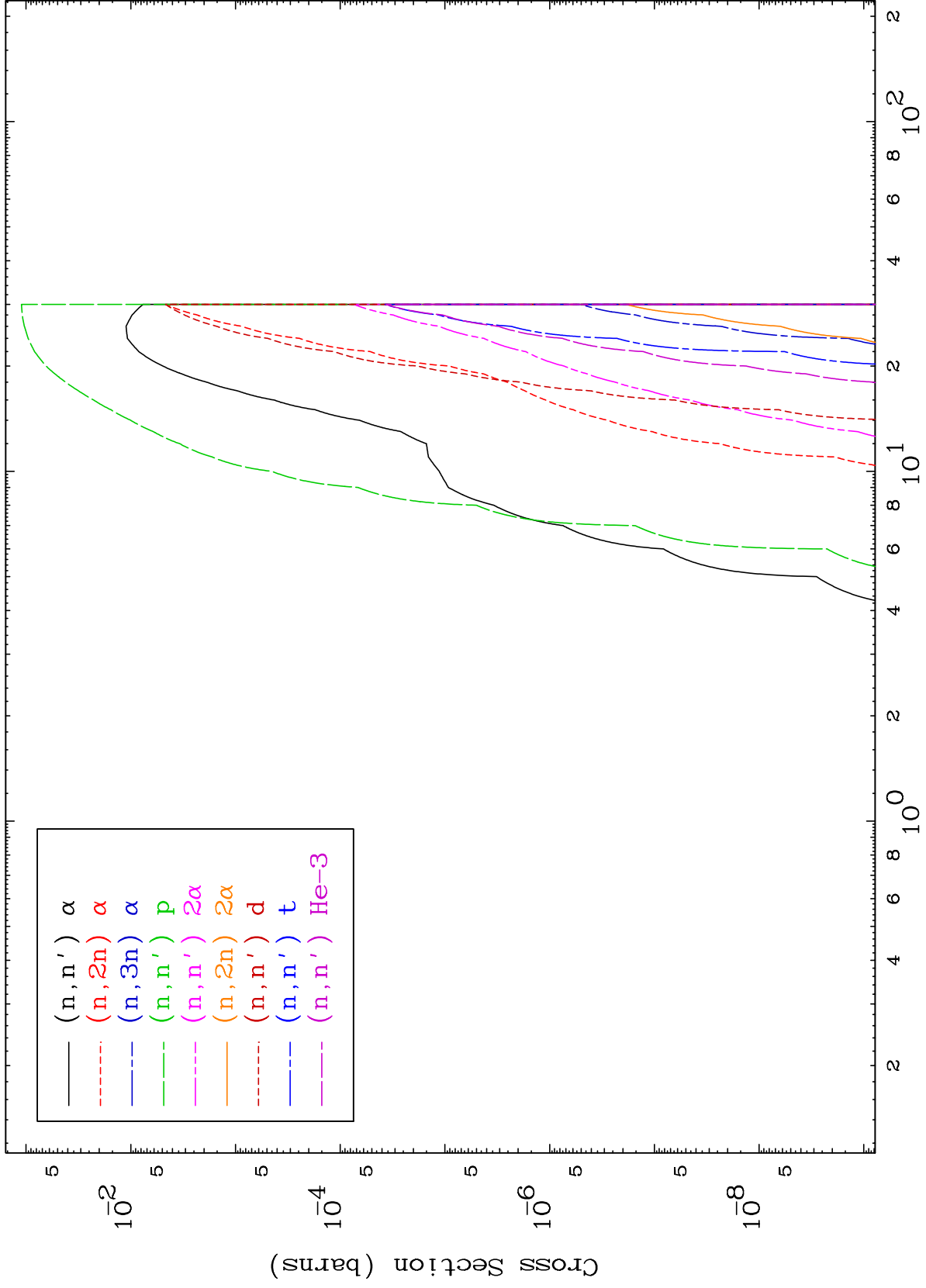
83-Bi-192m



MAT 8275

Deuteron Charged Particle  
0 Kelvin Cross Sections

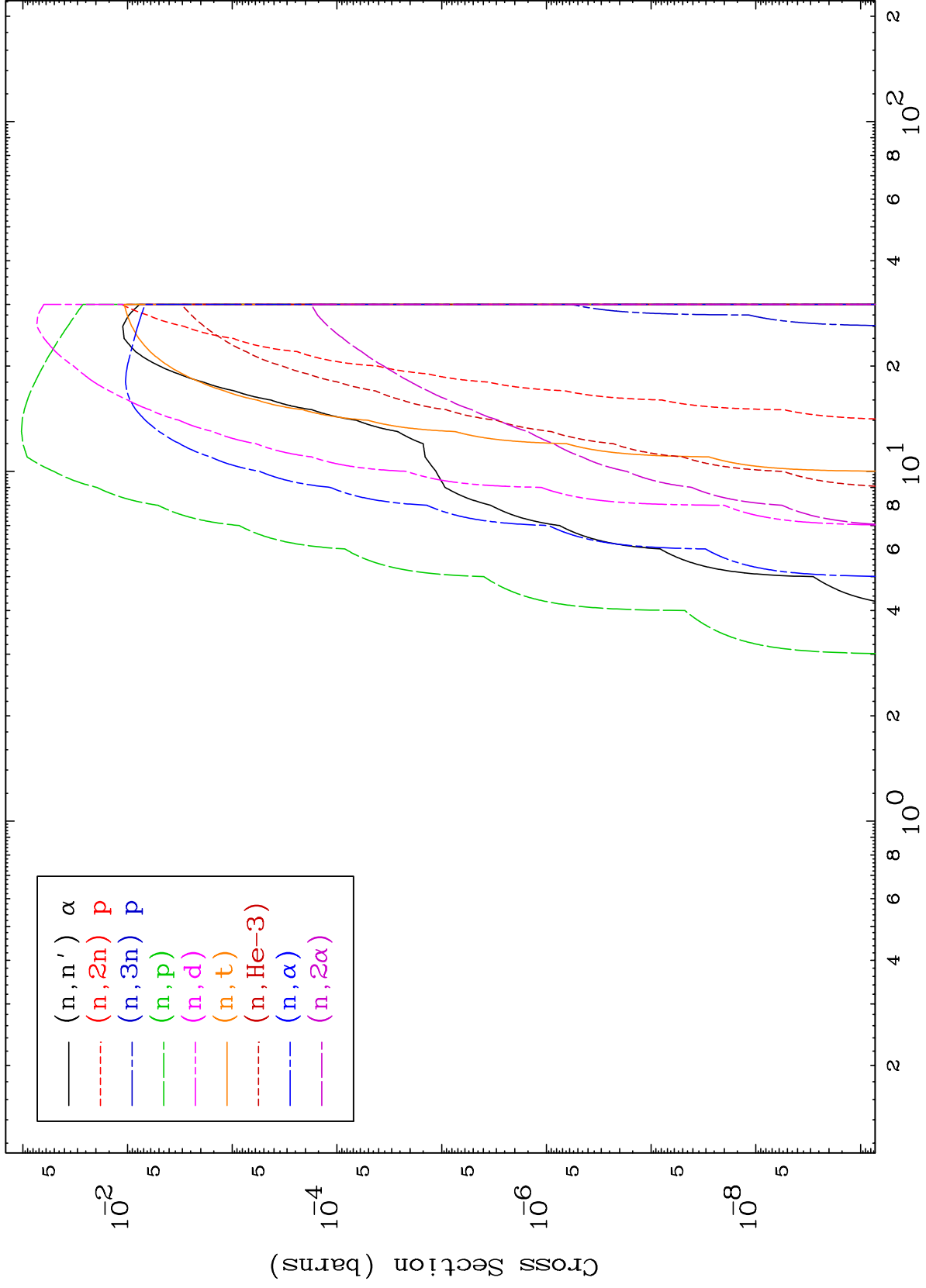
83-Bi-192m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

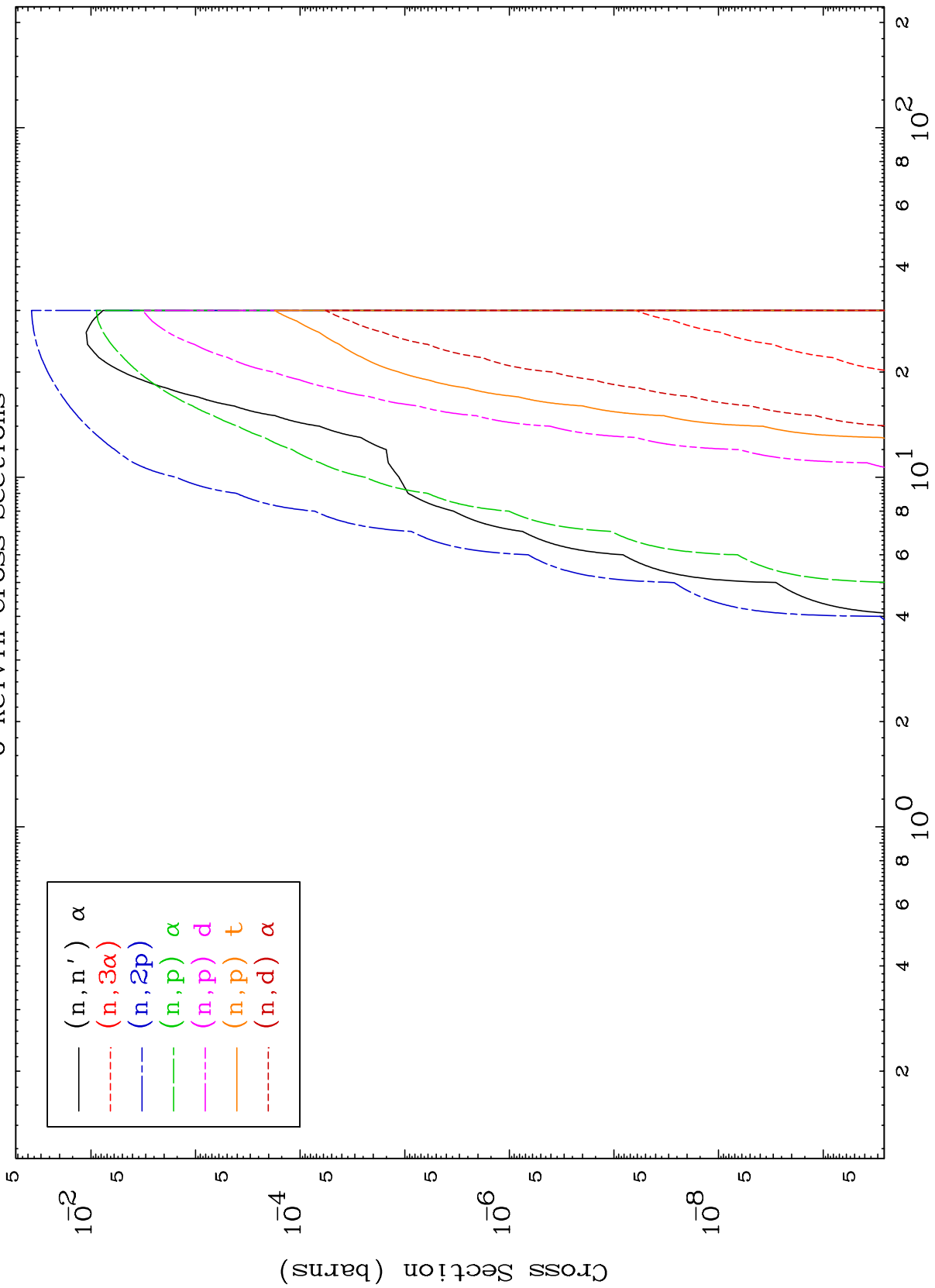
83-Bi-192m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-192m



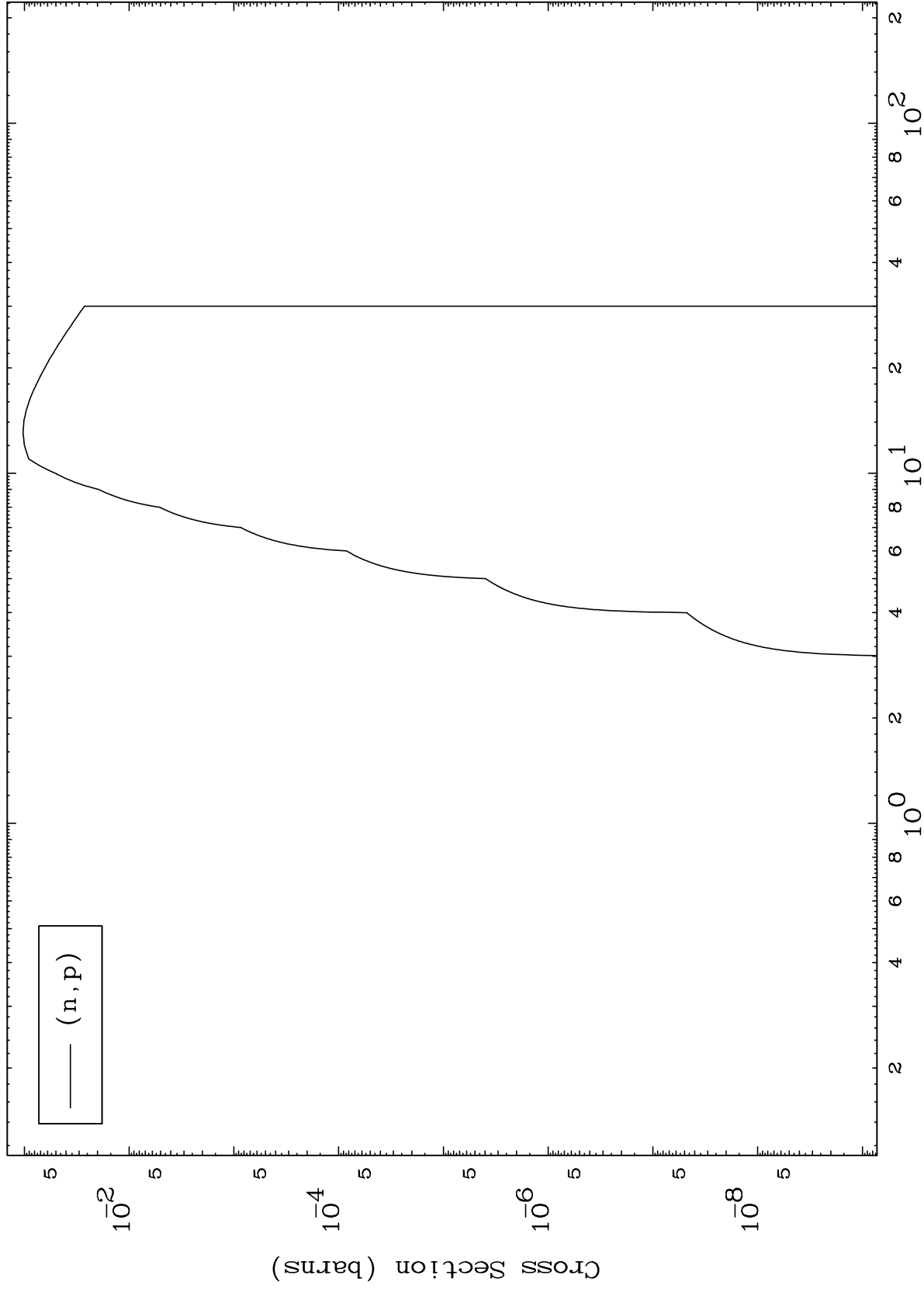
83-Bi-192m

Incident Energy (MeV)

MAT 8275

83-Bi-192m

(d,p) Levels  
0 Kelvin Cross Sections

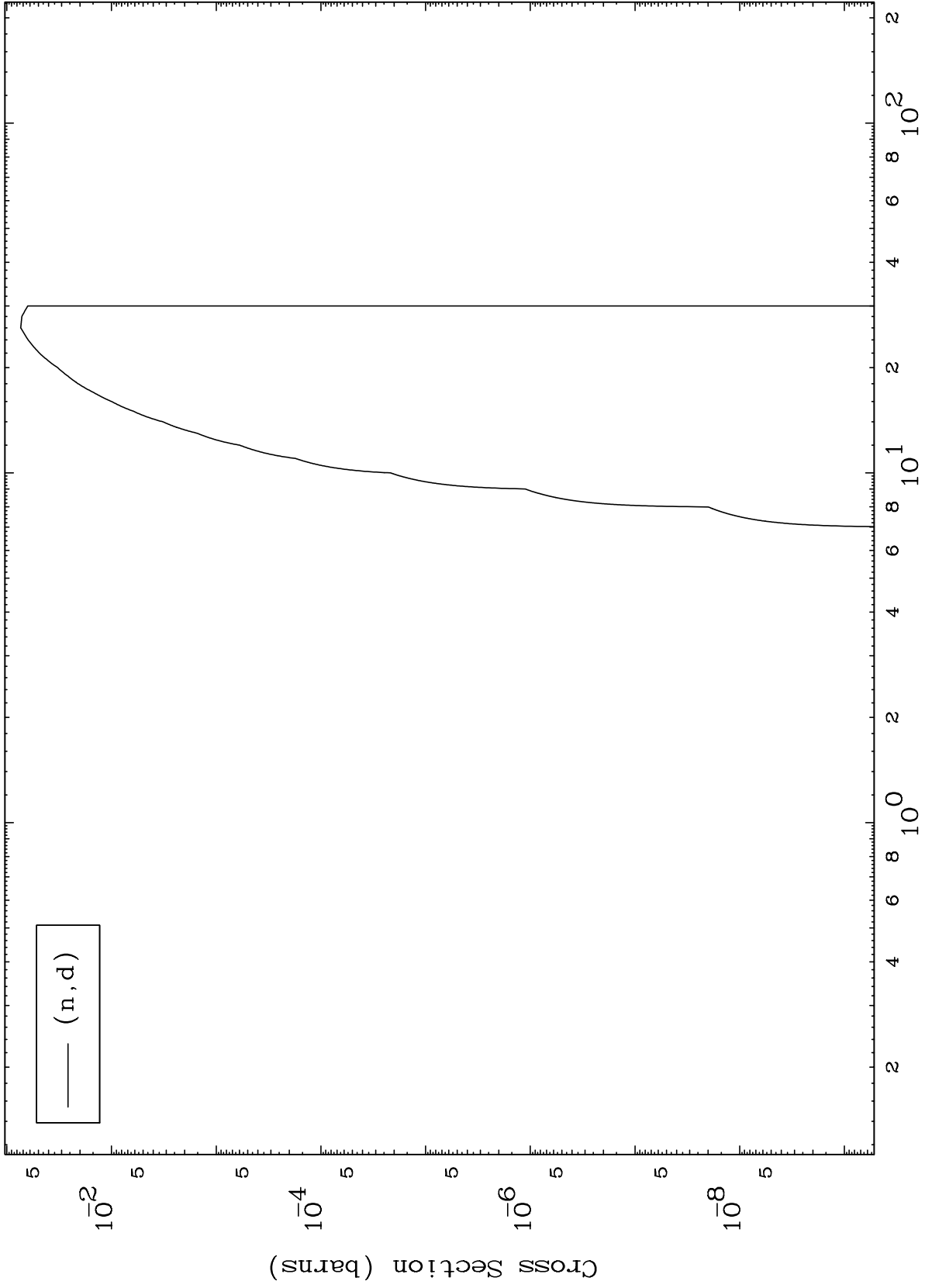


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(d,d) Levels

<sup>83</sup>Bi-192m

0 Kelvin Cross Sections



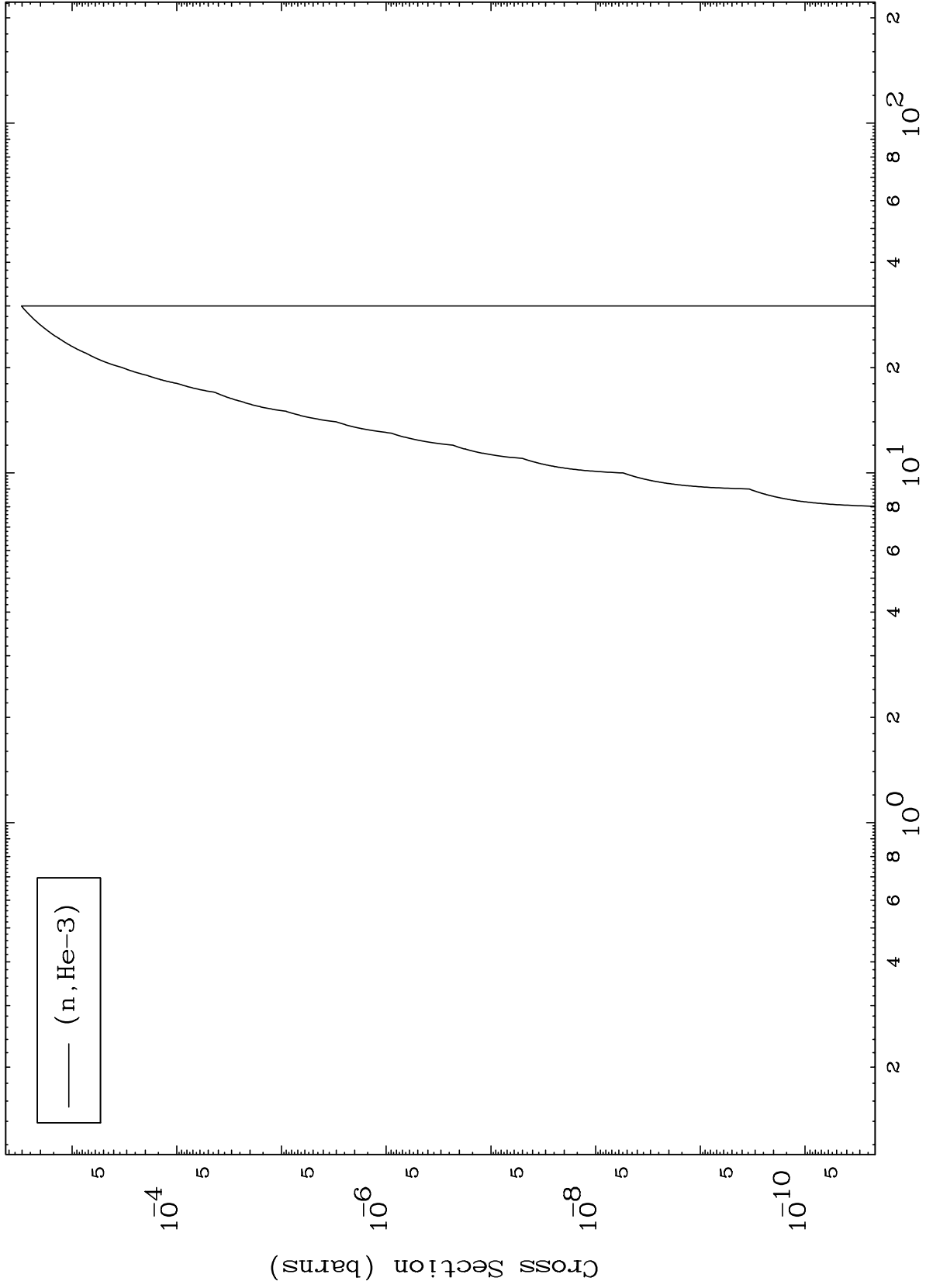


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(d,He3) Levels

83-Bi-192m

0 Kelvin Cross Sections

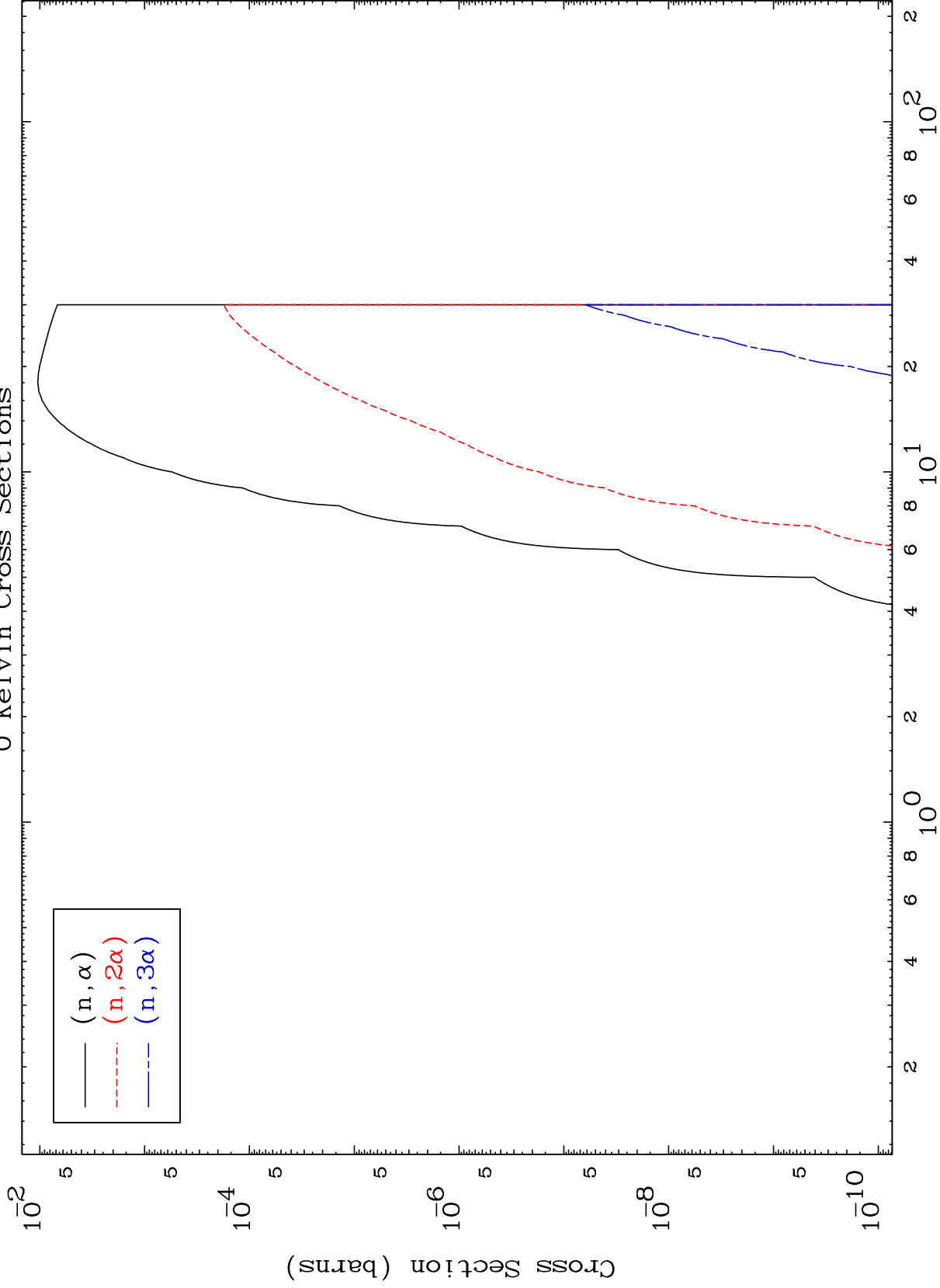


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(d,  $\alpha$ ) Levels

83-Bi-192m

0 Kelvin Cross Sections



12

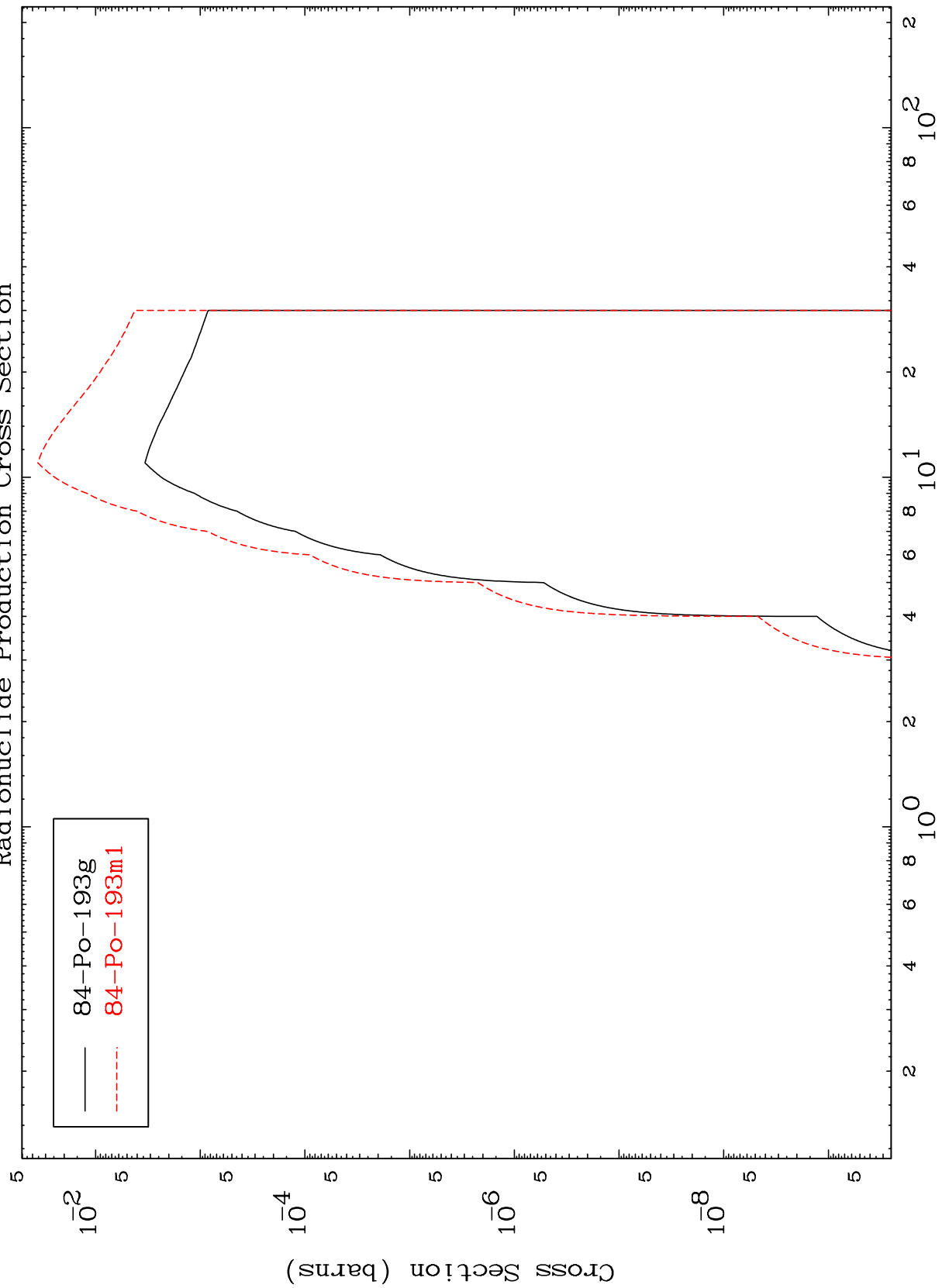
Incident Energy (MeV)

83-Bi-192m

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83-Bi-192m

Inelastic  
Radionuclide Production Cross Section



— 84-Po-193g  
- - - 84-Po-193m1

83-Bi-192m

Incident Energy (MeV)

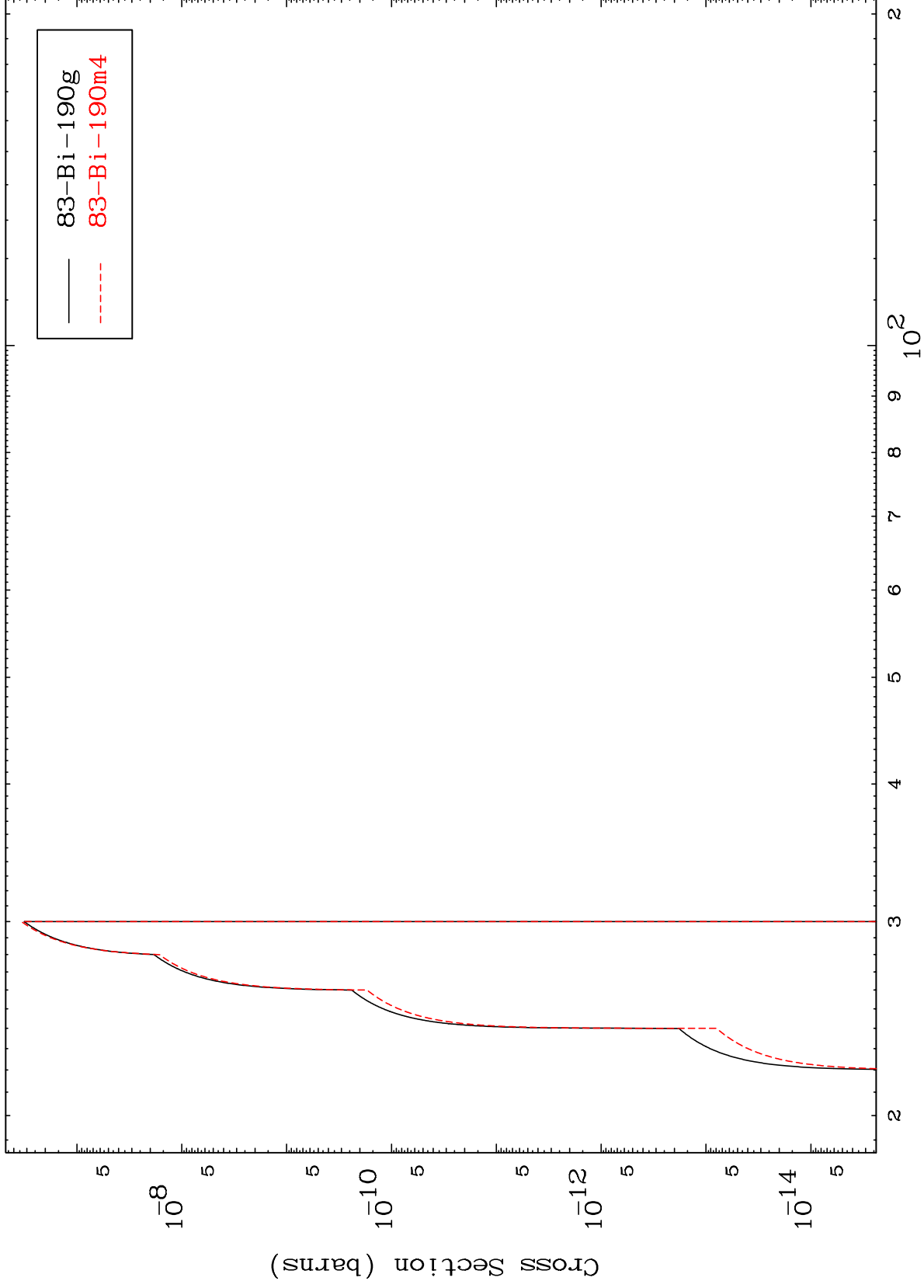
13

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(n,2n) d

83-Bi-192m

Radionuclide Production Cross Section



14

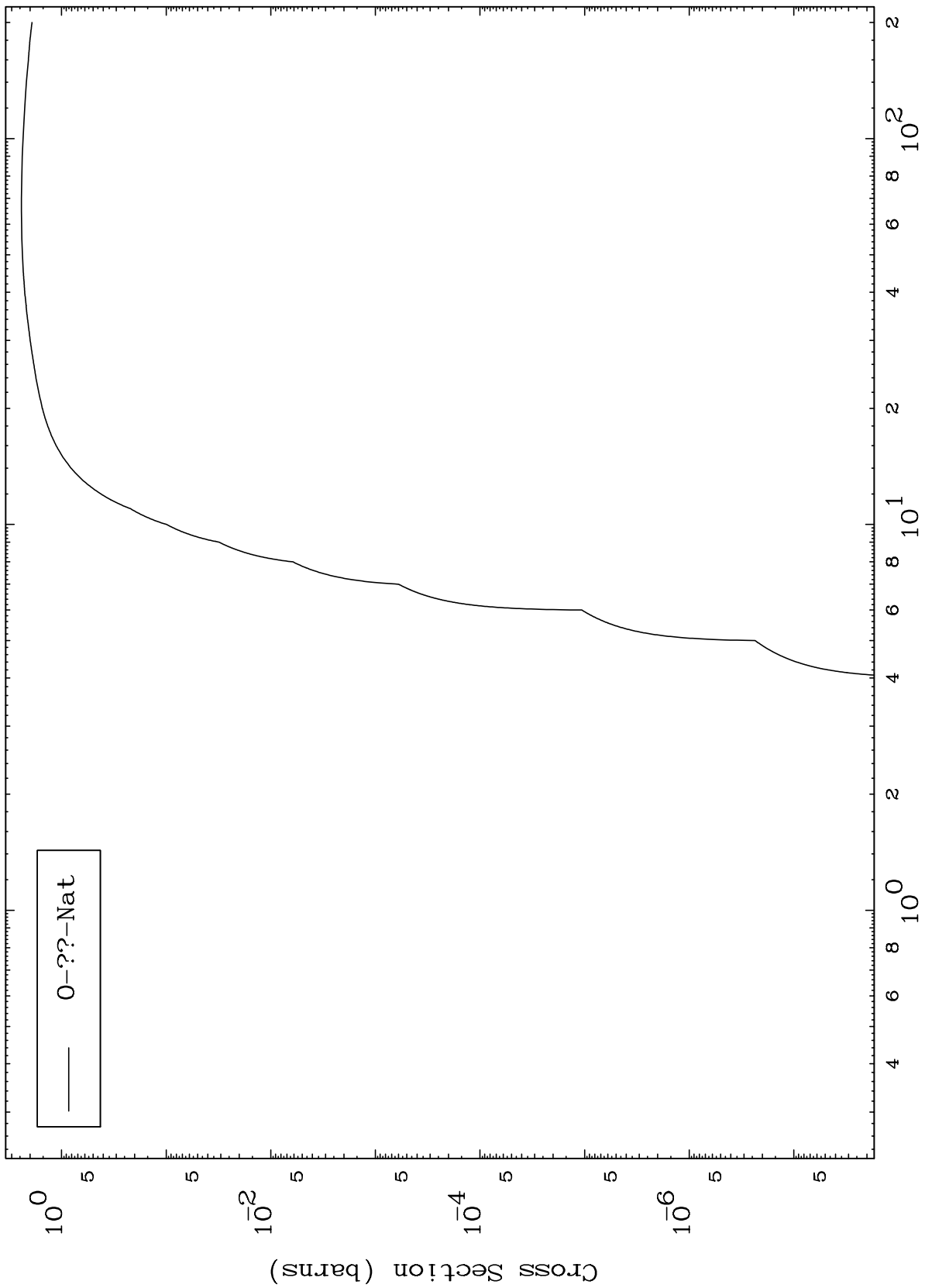
Incident Energy (MeV)

83-Bi-192m

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83-Bi-192m

Fission  
Radionuclide Production Cross Section

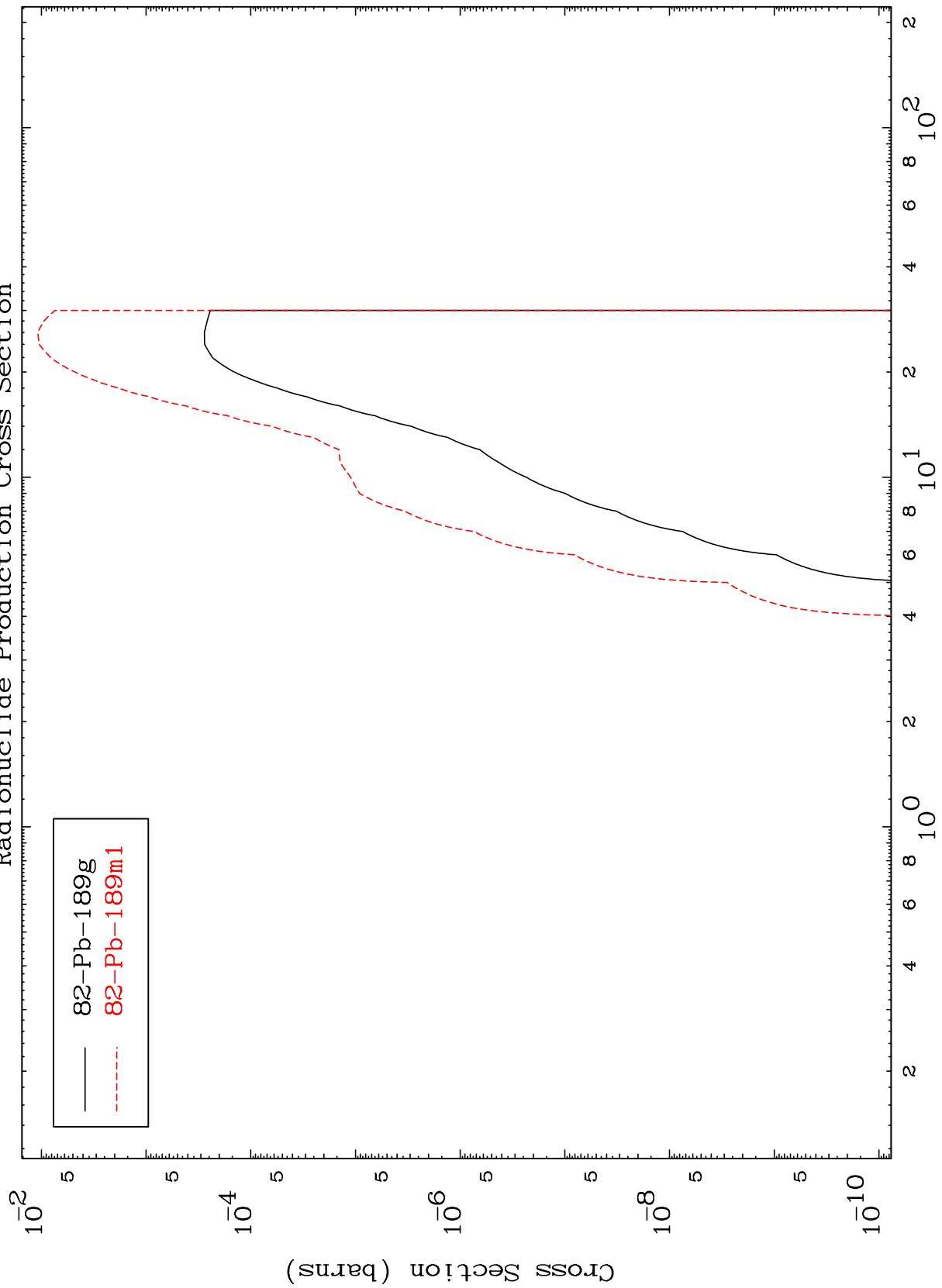


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$(n, n') \alpha$

83-Bi-192m

Radionuclide Production Cross Section



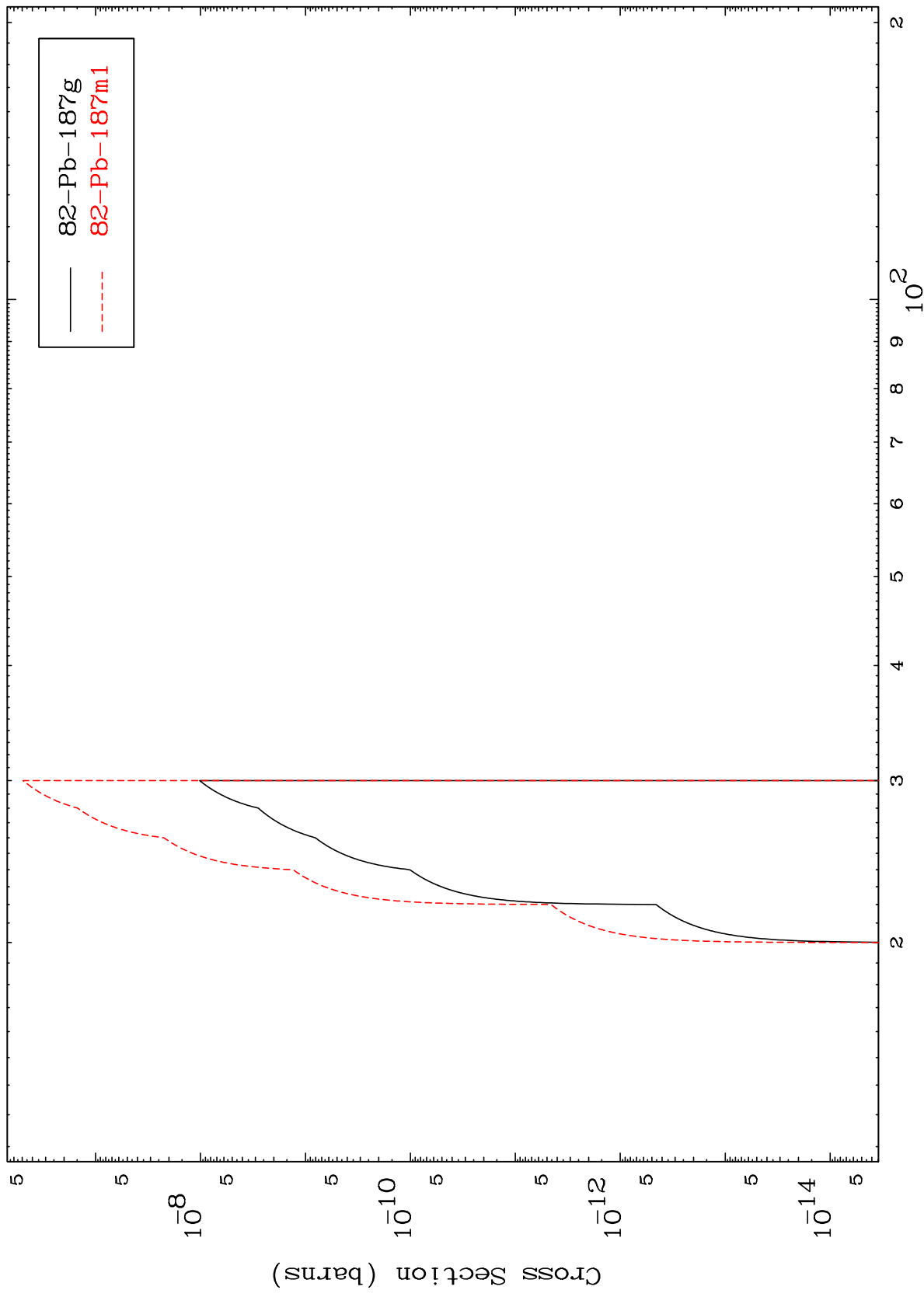
82-Pb-189g  
82-Pb-189m1

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83-Bi-192m

(n,3n)  $\alpha$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

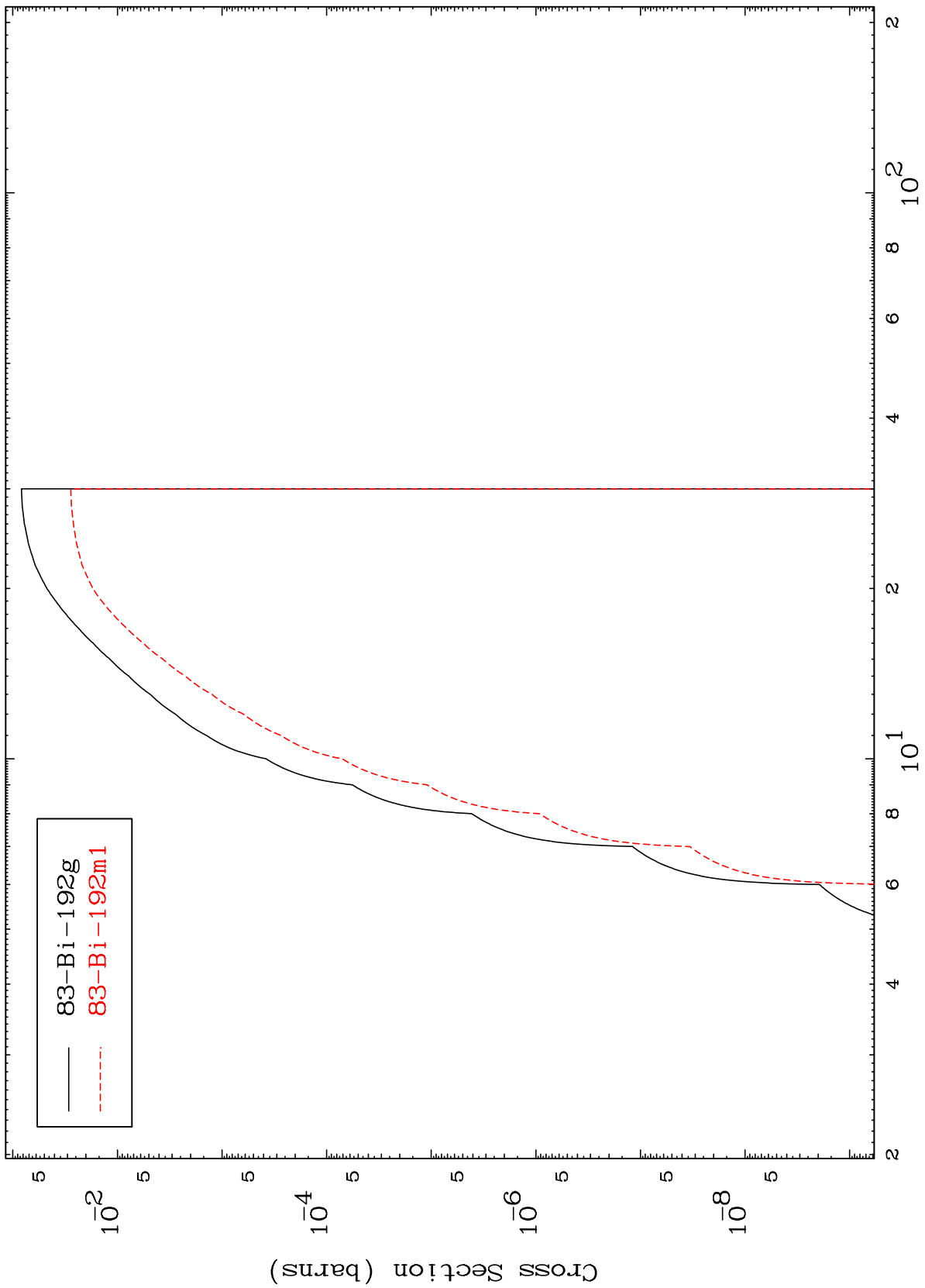
83-Bi-192m

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(n,n') p

83-Bi-192m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

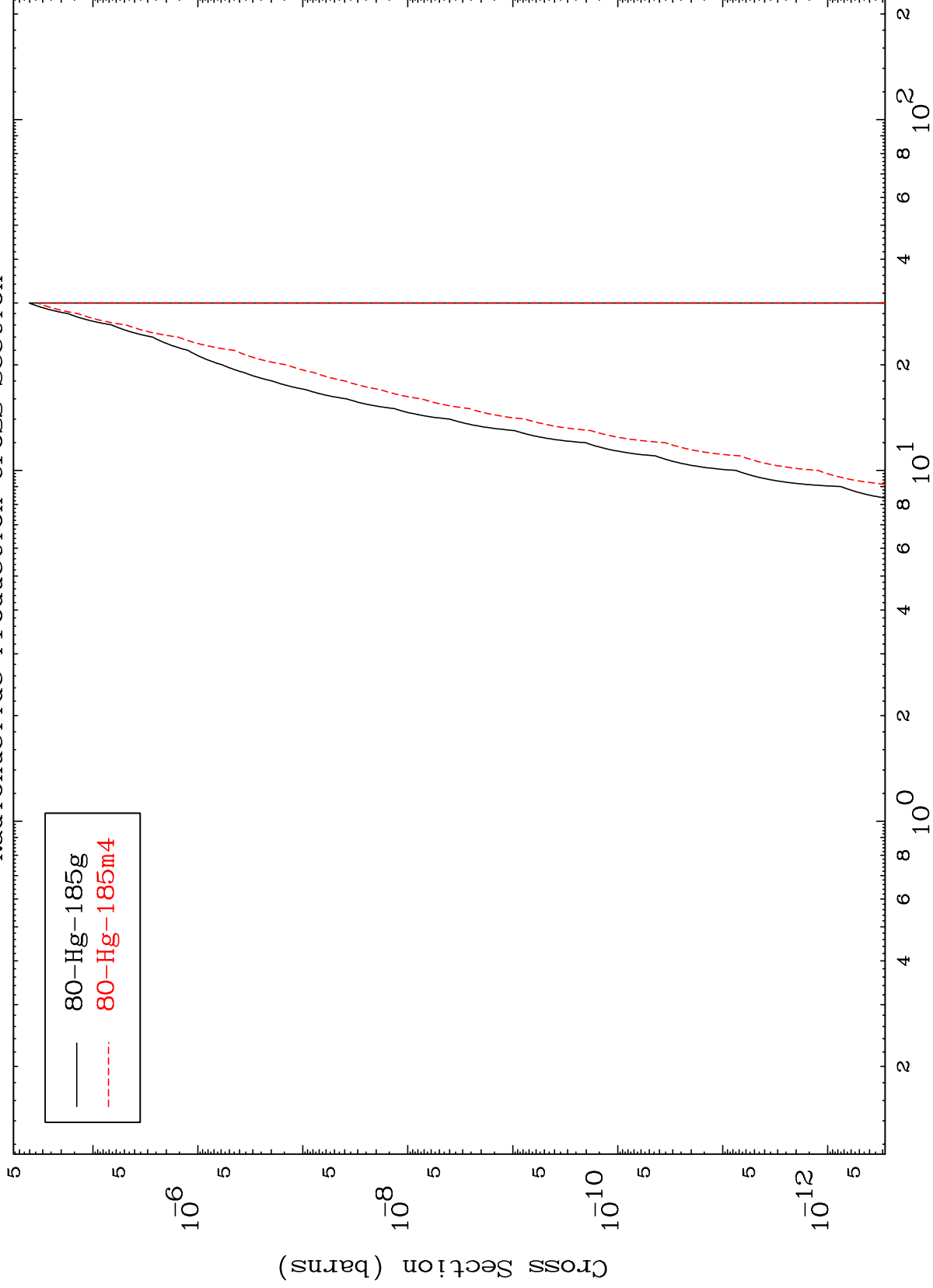
83-Bi-192m

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(n,n') 2α

83-Bi-192m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

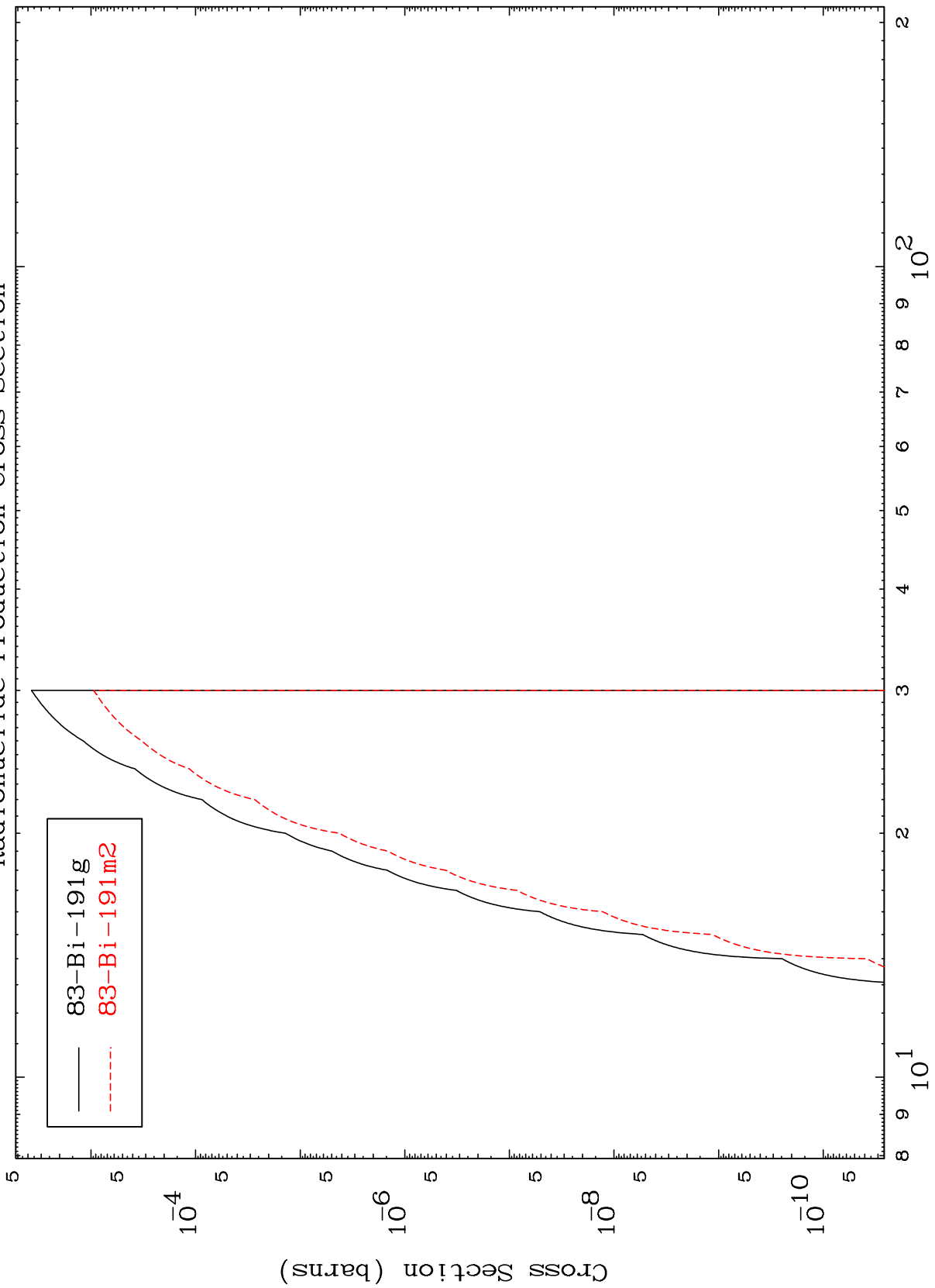
83-Bi-192m

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(n,n') d

83-Bi-192m

Radionuclide Production Cross Section



83-Bi-191g  
83-Bi-191m2

Incident Energy (MeV)

83-Bi-192m

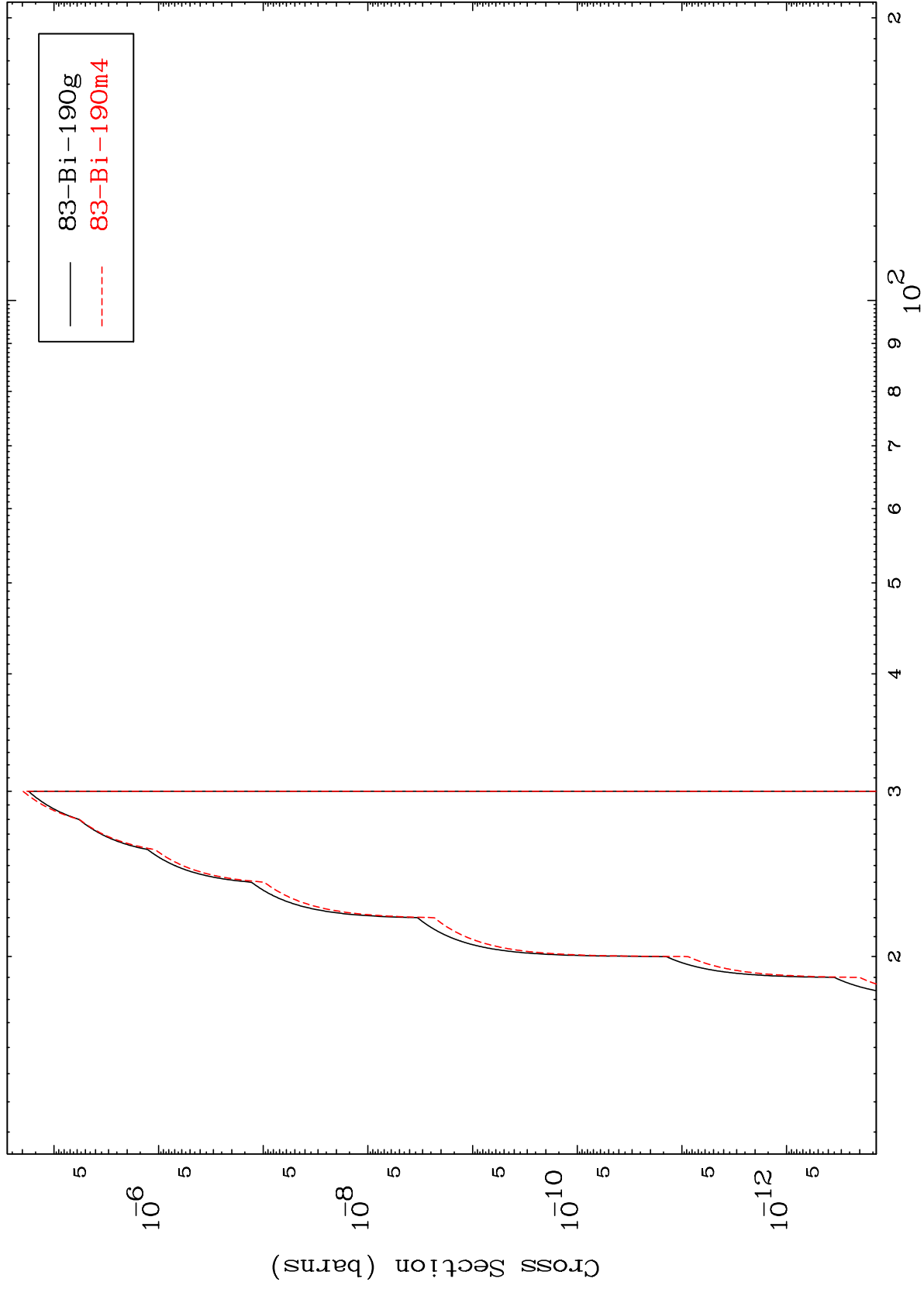
20

MAT 8275

(n,n') t

83-Bi-192m

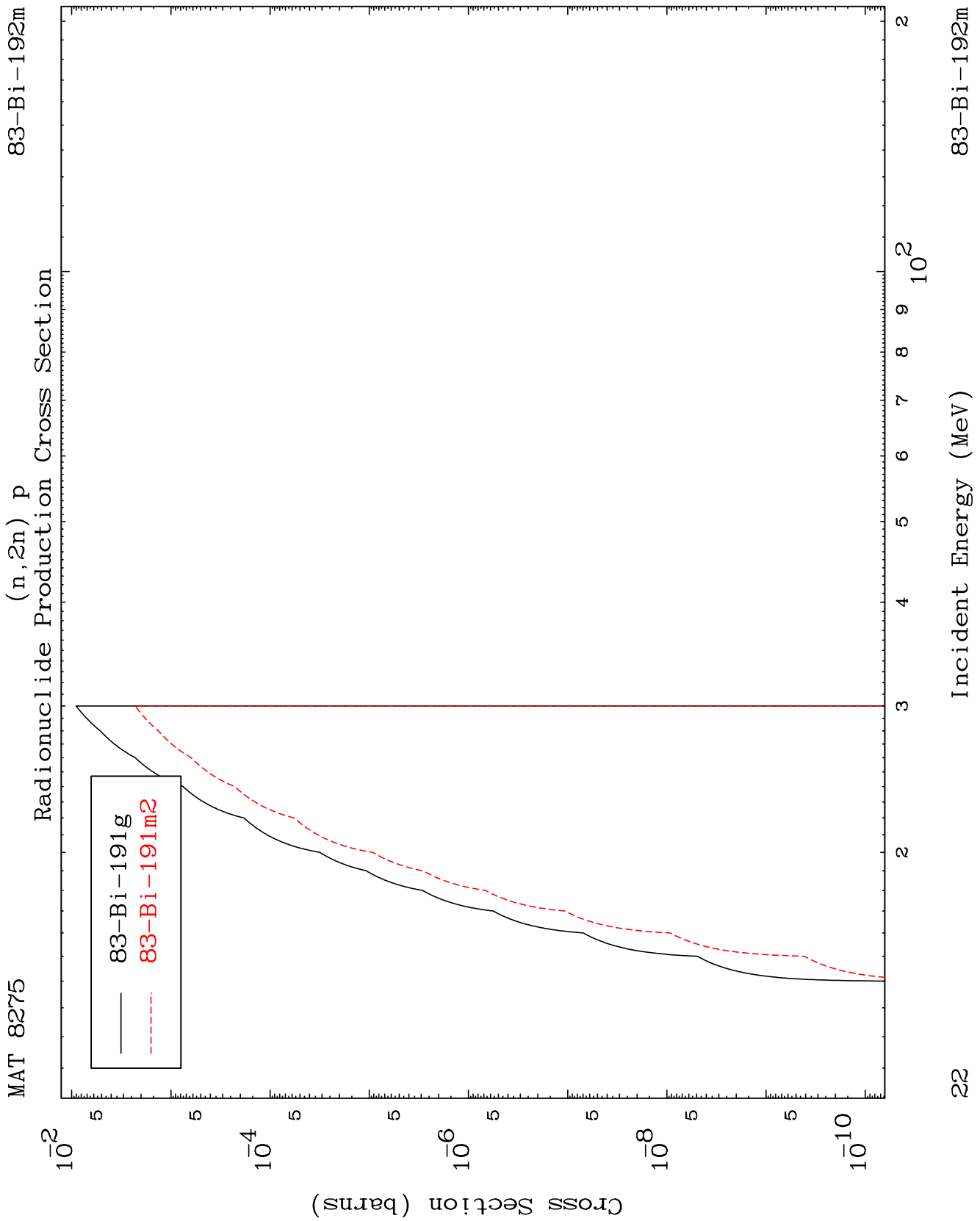
Radionuclide Production Cross Section



21

Incident Energy (MeV)

83-Bi-192m

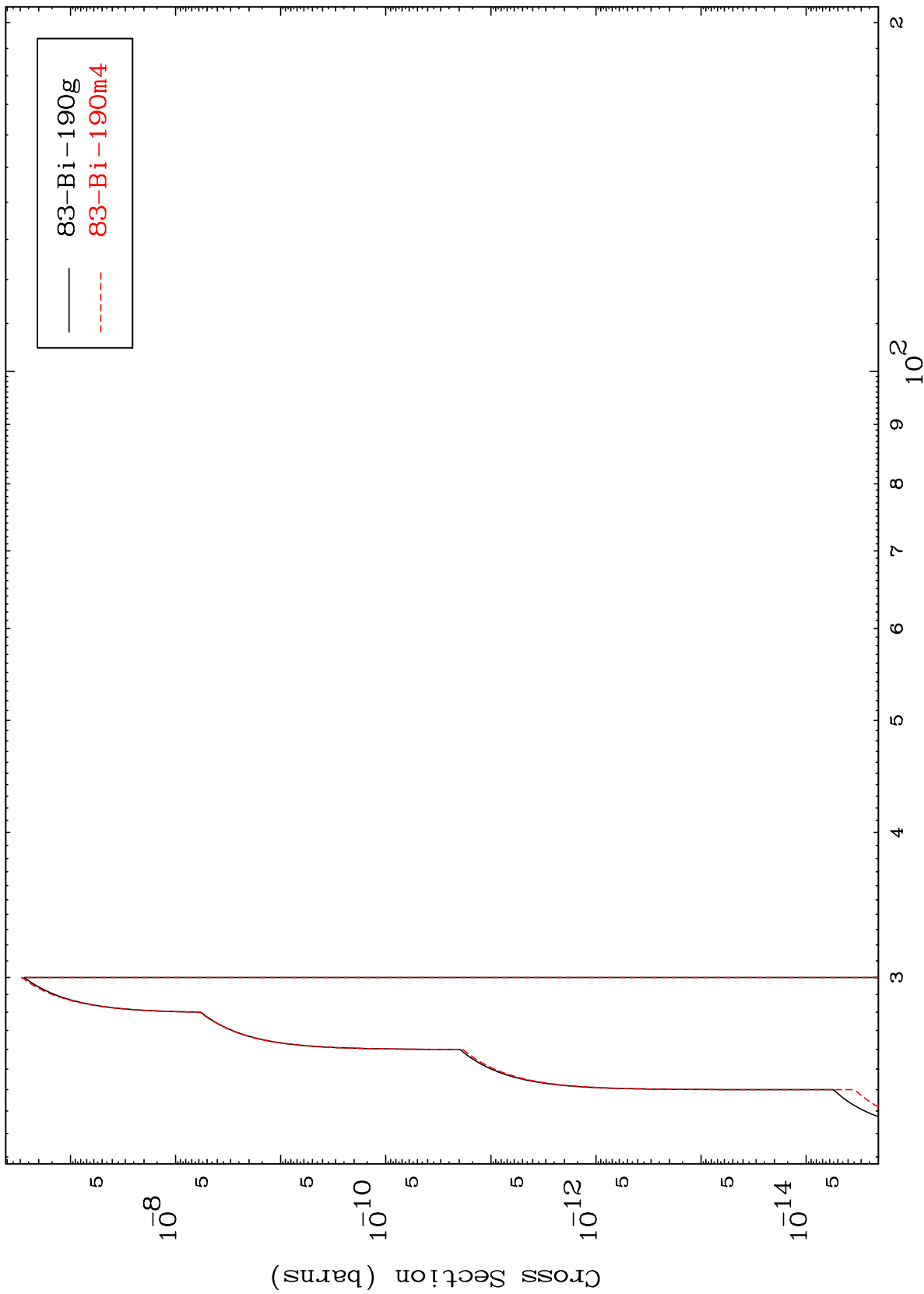


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(n,3n) p

83-Bi-192m

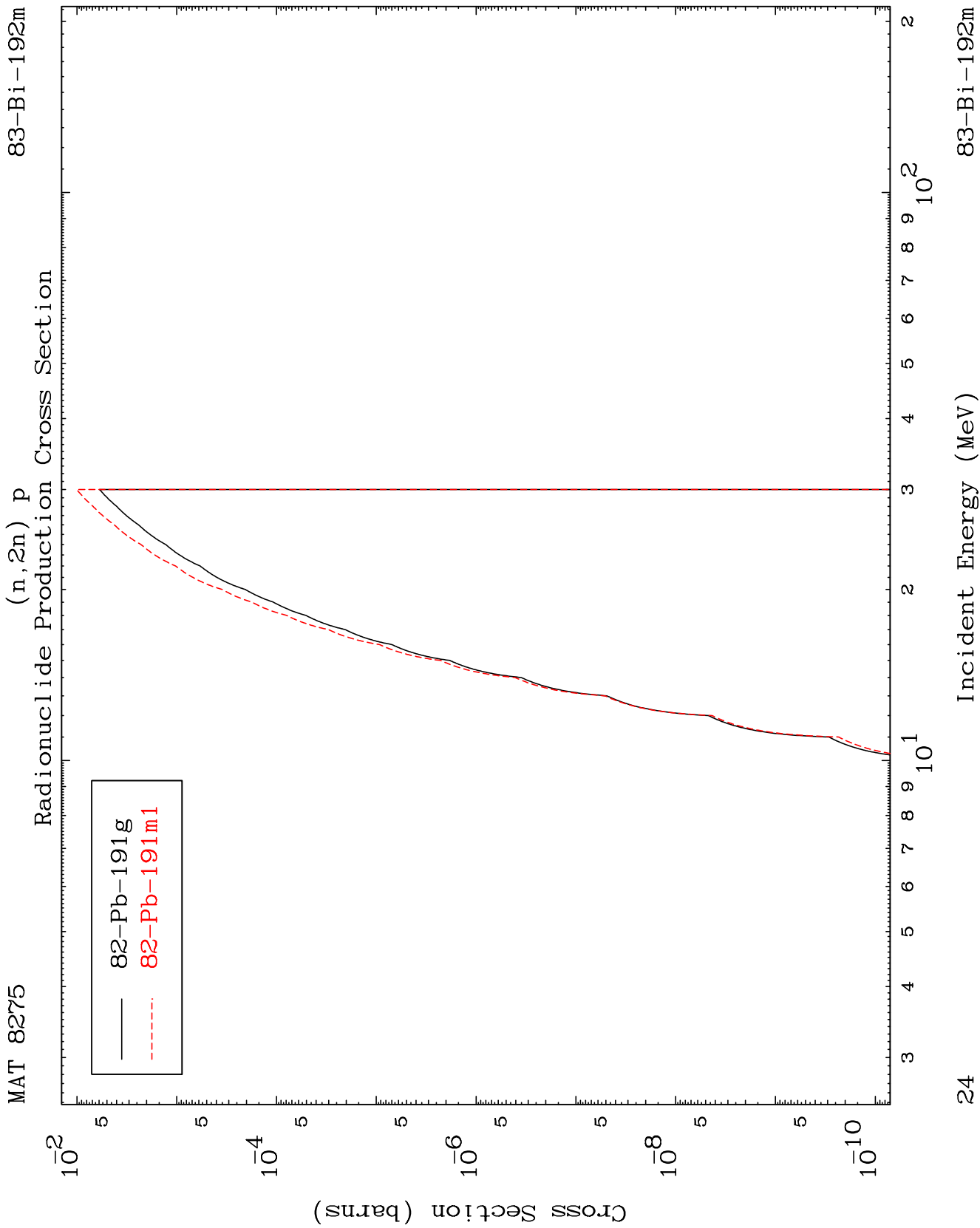
Radionuclide Production Cross Section



23

Incident Energy (MeV)

83-Bi-192m

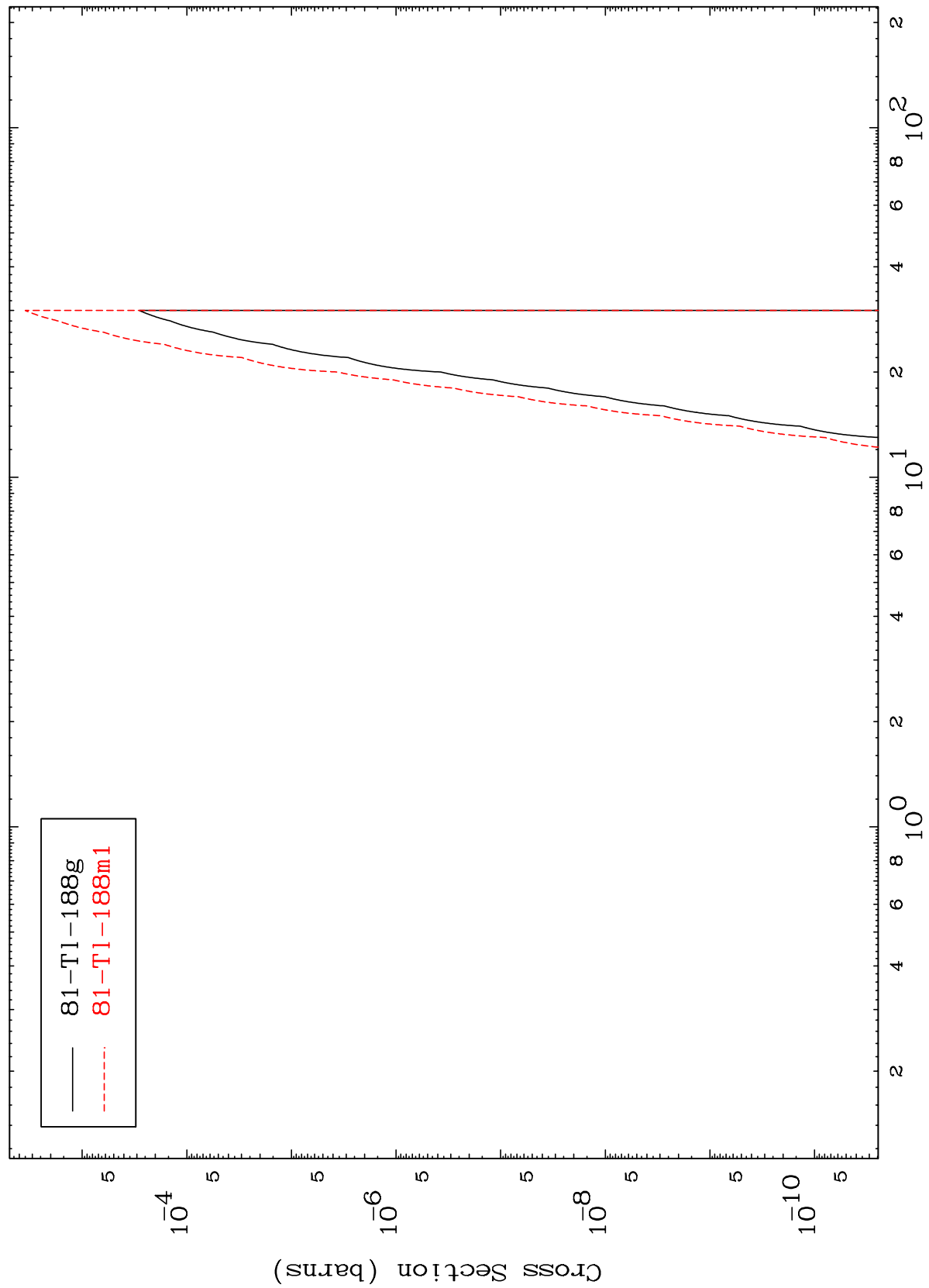


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(n,n') p  $\alpha$

83-Bi-192m

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

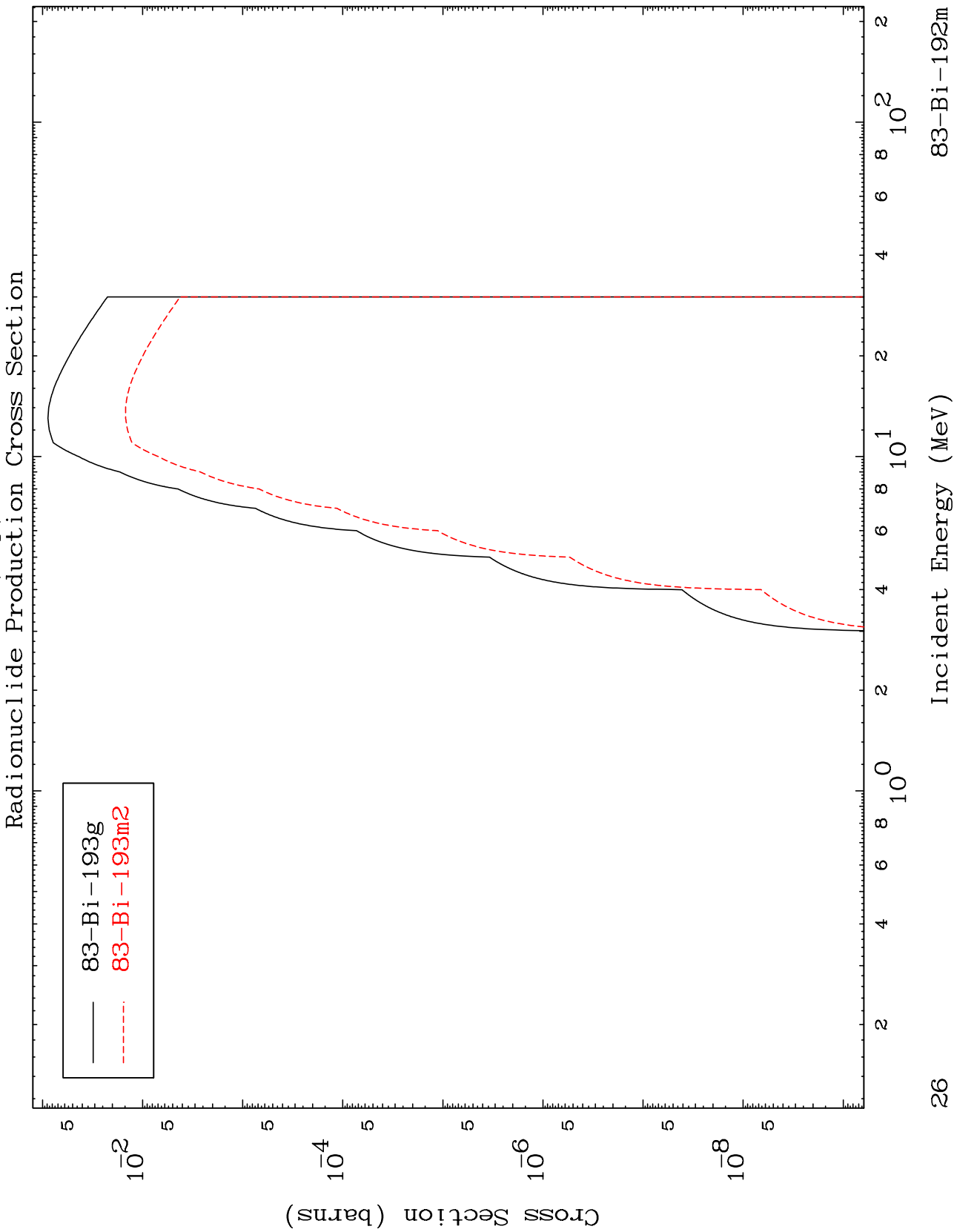
25

Incident Energy (MeV)

83-Bi-192m

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<sup>83</sup>Bi-192m

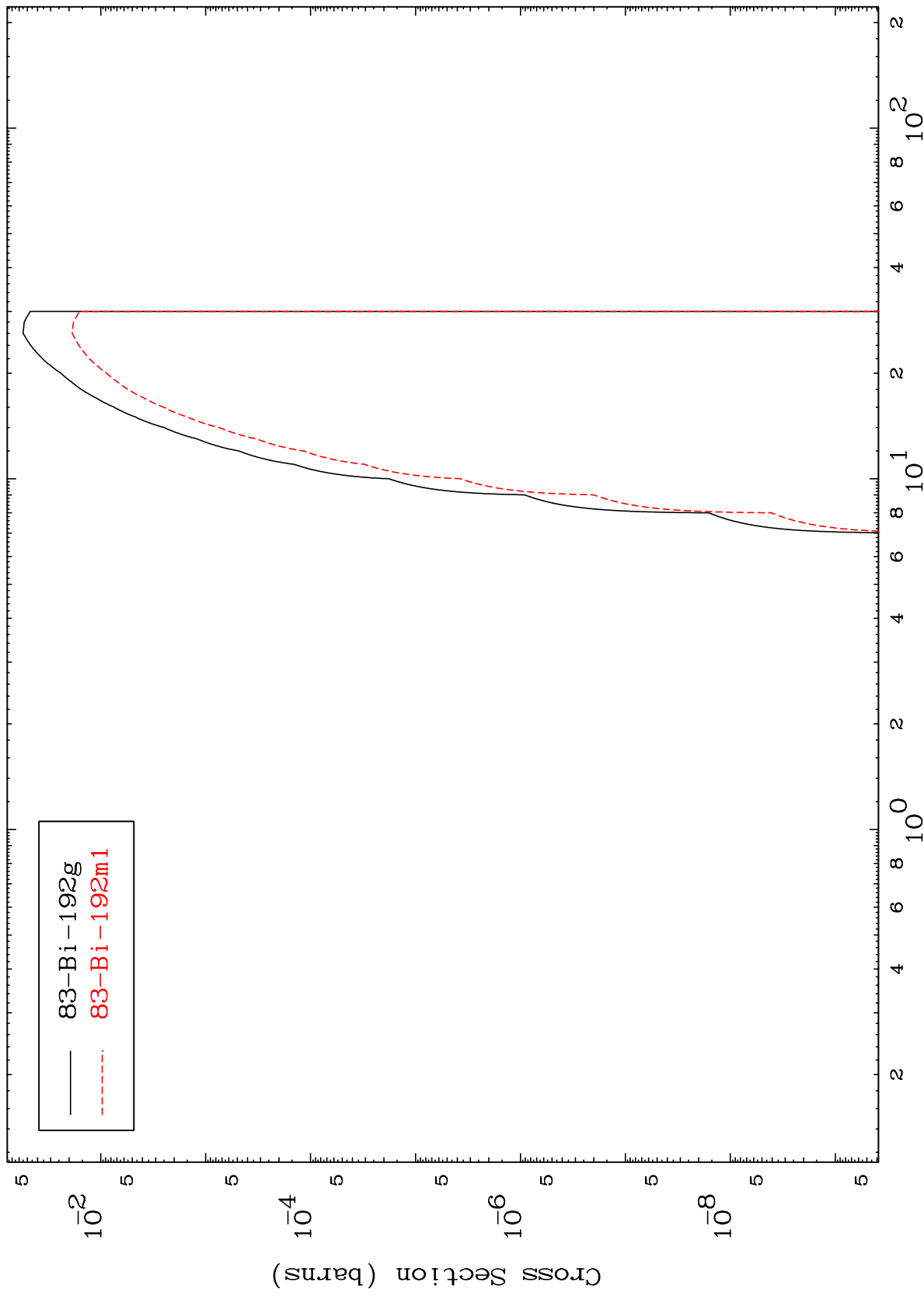


— 83-Bi-193g  
- - - 83-Bi-193m2

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<sup>83</sup>Bi-192m

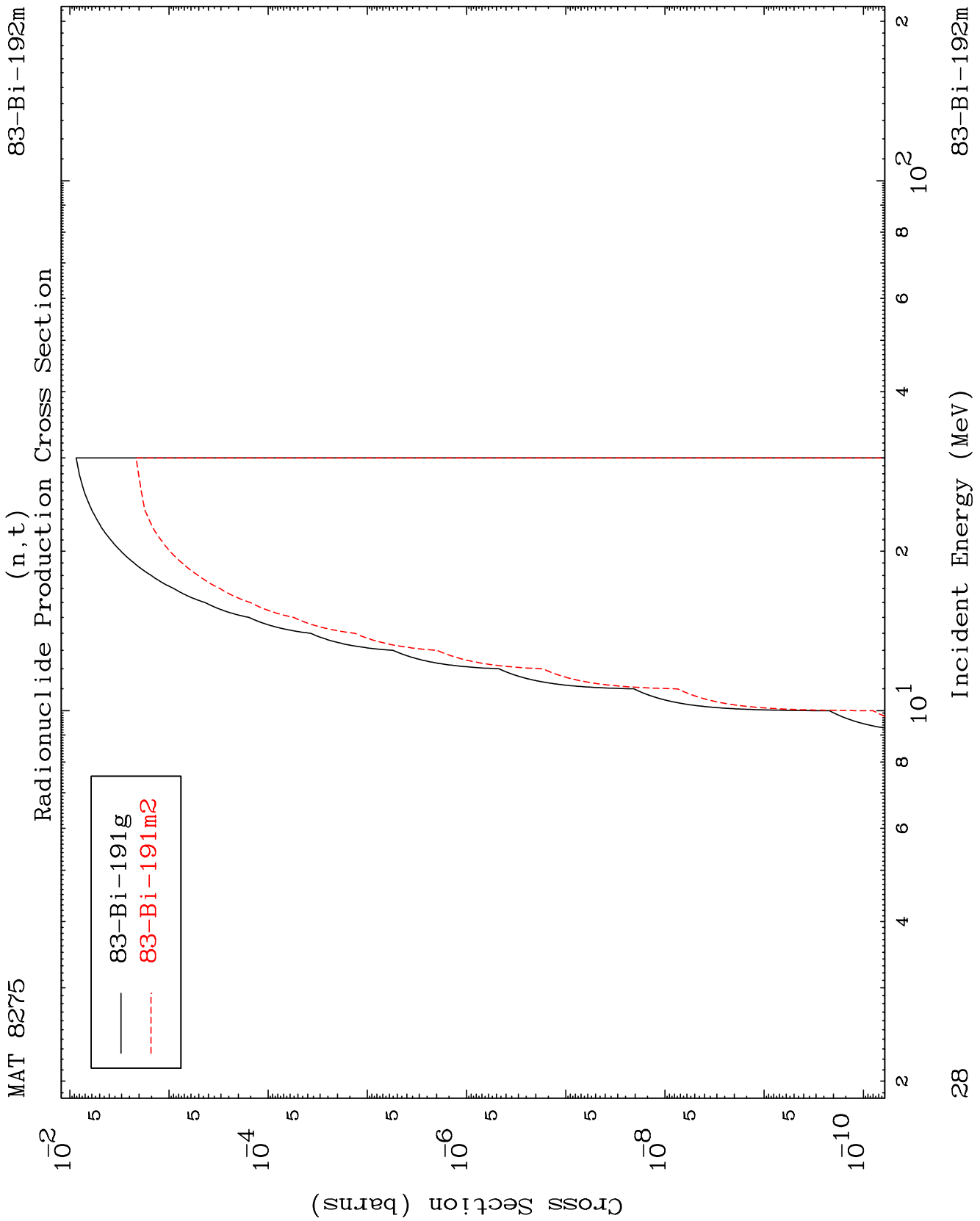
Radionuclide Production Cross Section



<sup>83</sup>Bi-192m

Incident Energy (MeV)

27

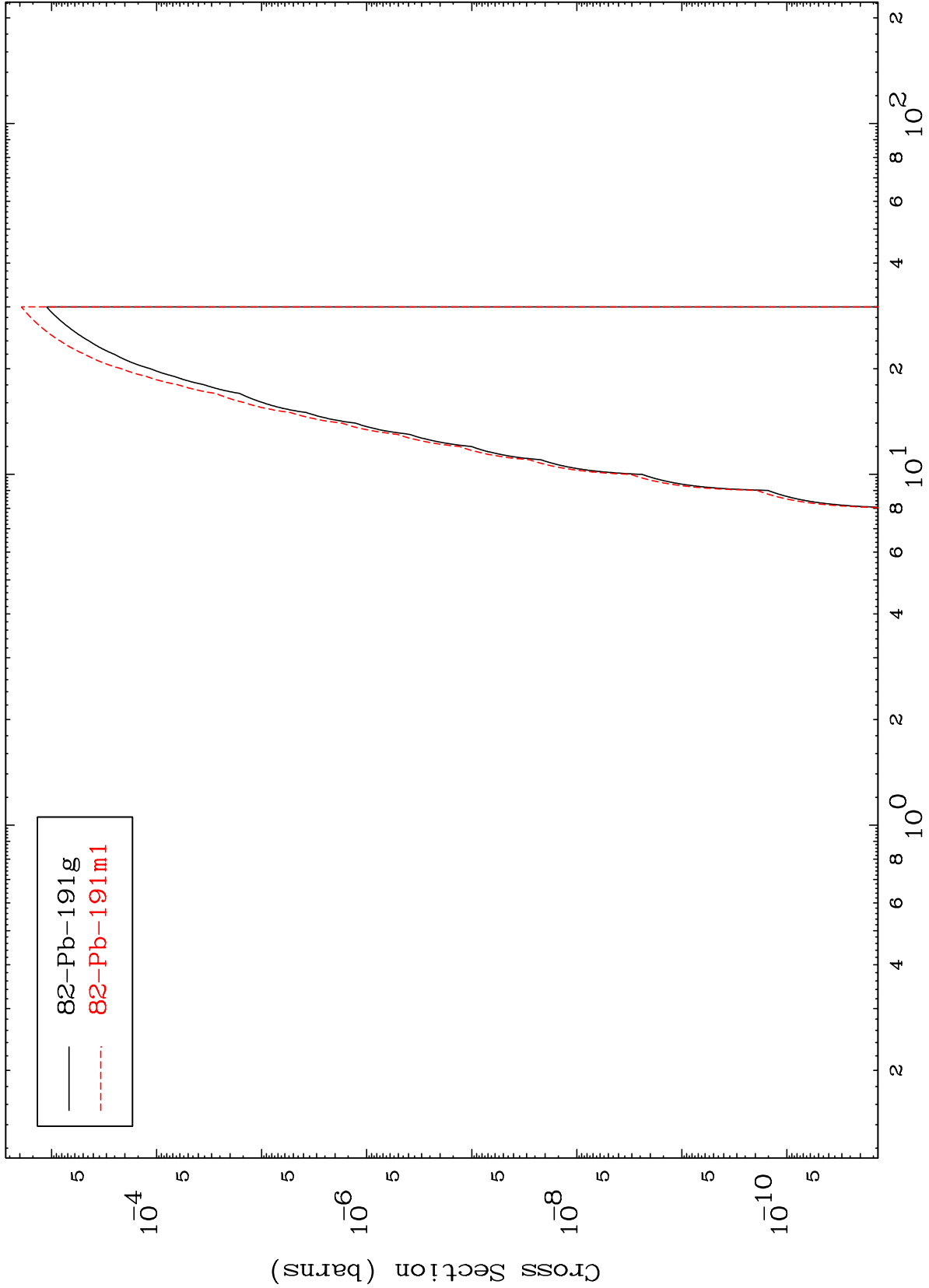


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(n,He-3)

83-Bi-192m

Radionuclide Production Cross Section

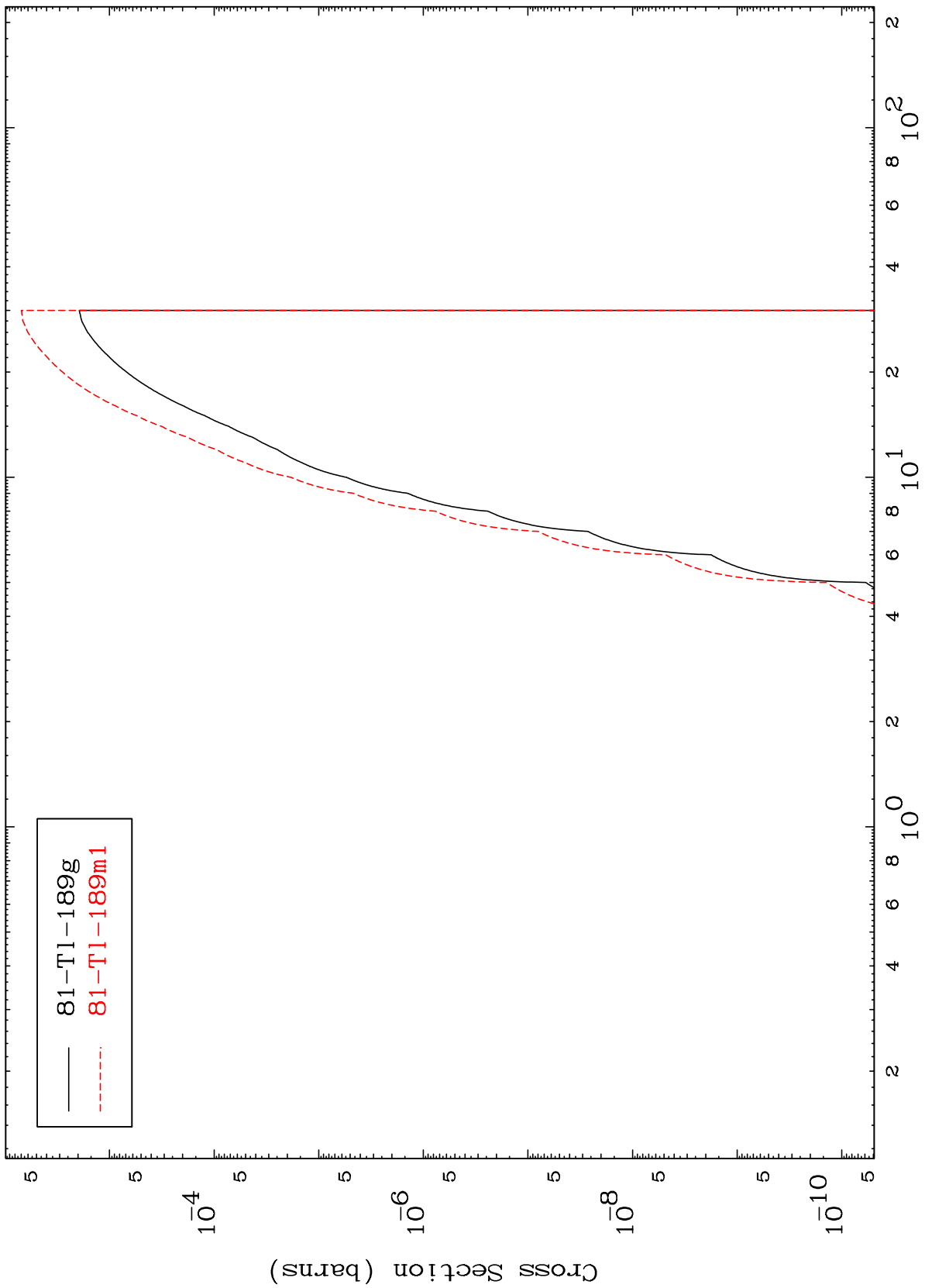


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(n,p)  $\alpha$

$^{83}\text{Bi}-192\text{m}$

Radionuclide Production Cross Section



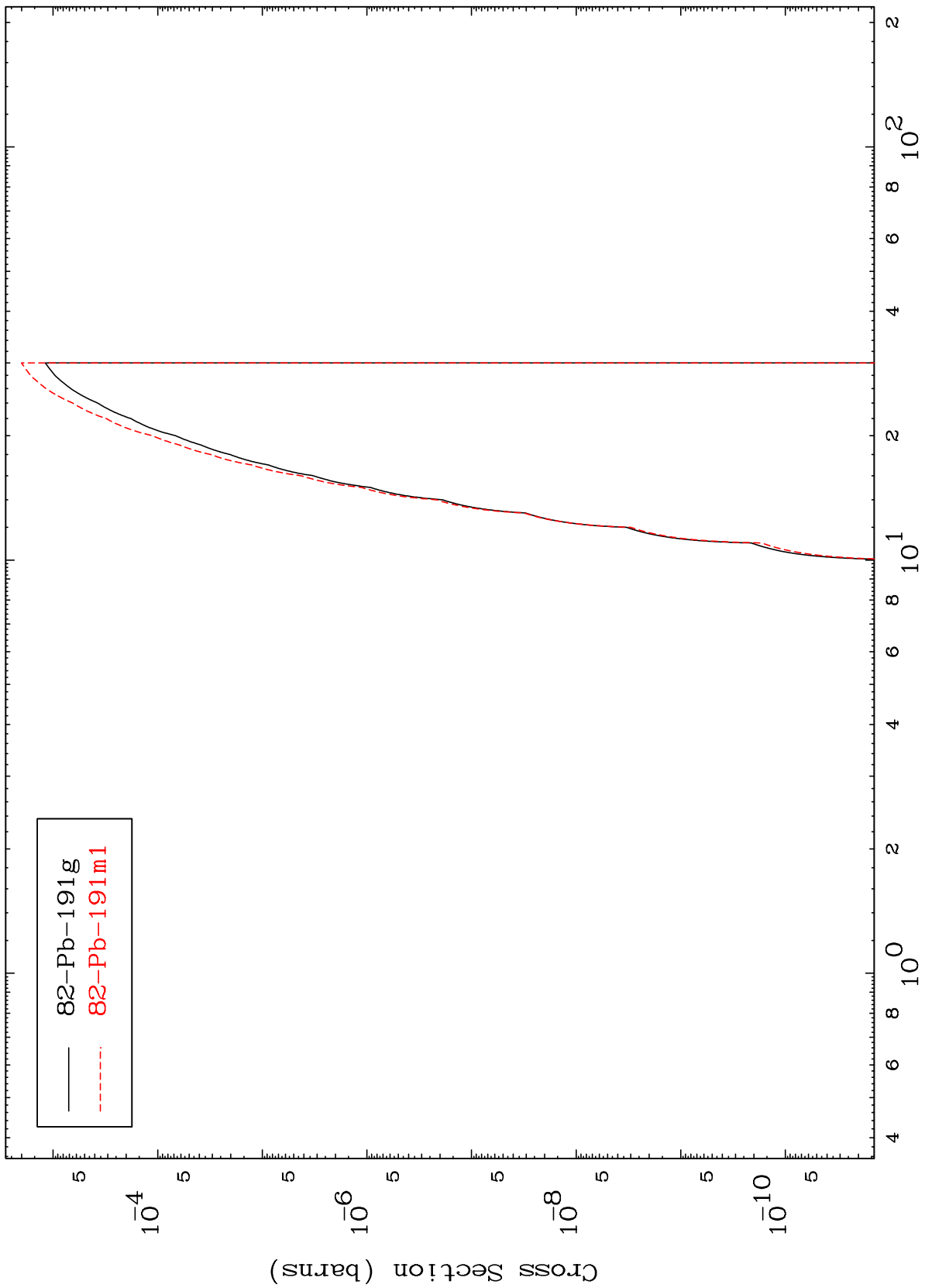
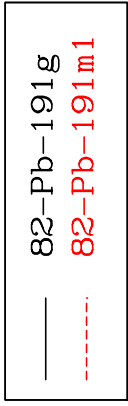
—  $^{81}\text{Tl}-189\text{g}$   
- - -  $^{81}\text{Tl}-189\text{m1}$

MAT 8275

(n,p) d

83-Bi-192m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

83-Bi-192m

MAT 8275

(n,d)  $\alpha$

83-Bi-192m

