

Program EVALPLOT  
(Version 2021-1)

by

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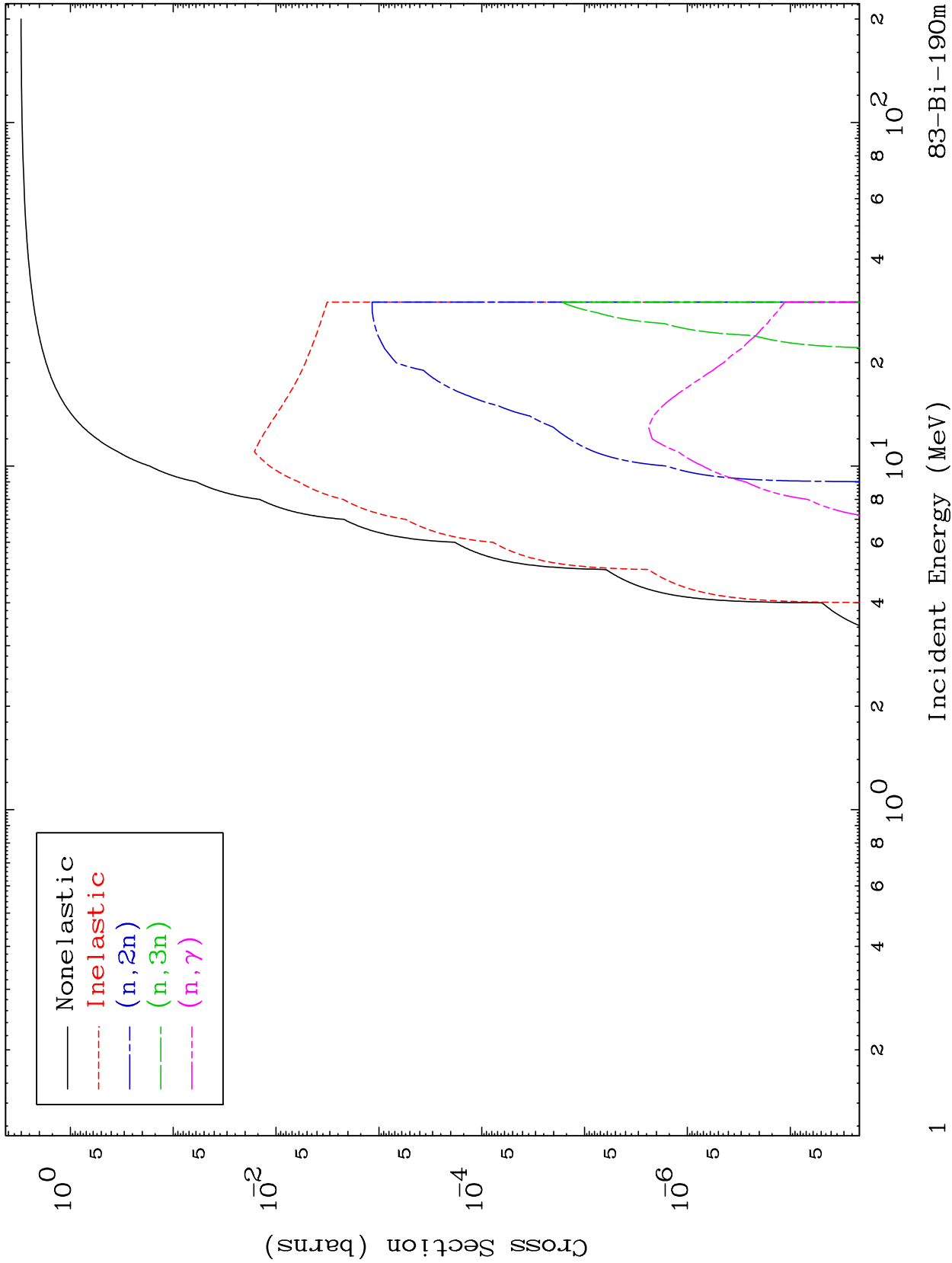
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8269

Deuteron Major  
0 Kelvin Cross Sections

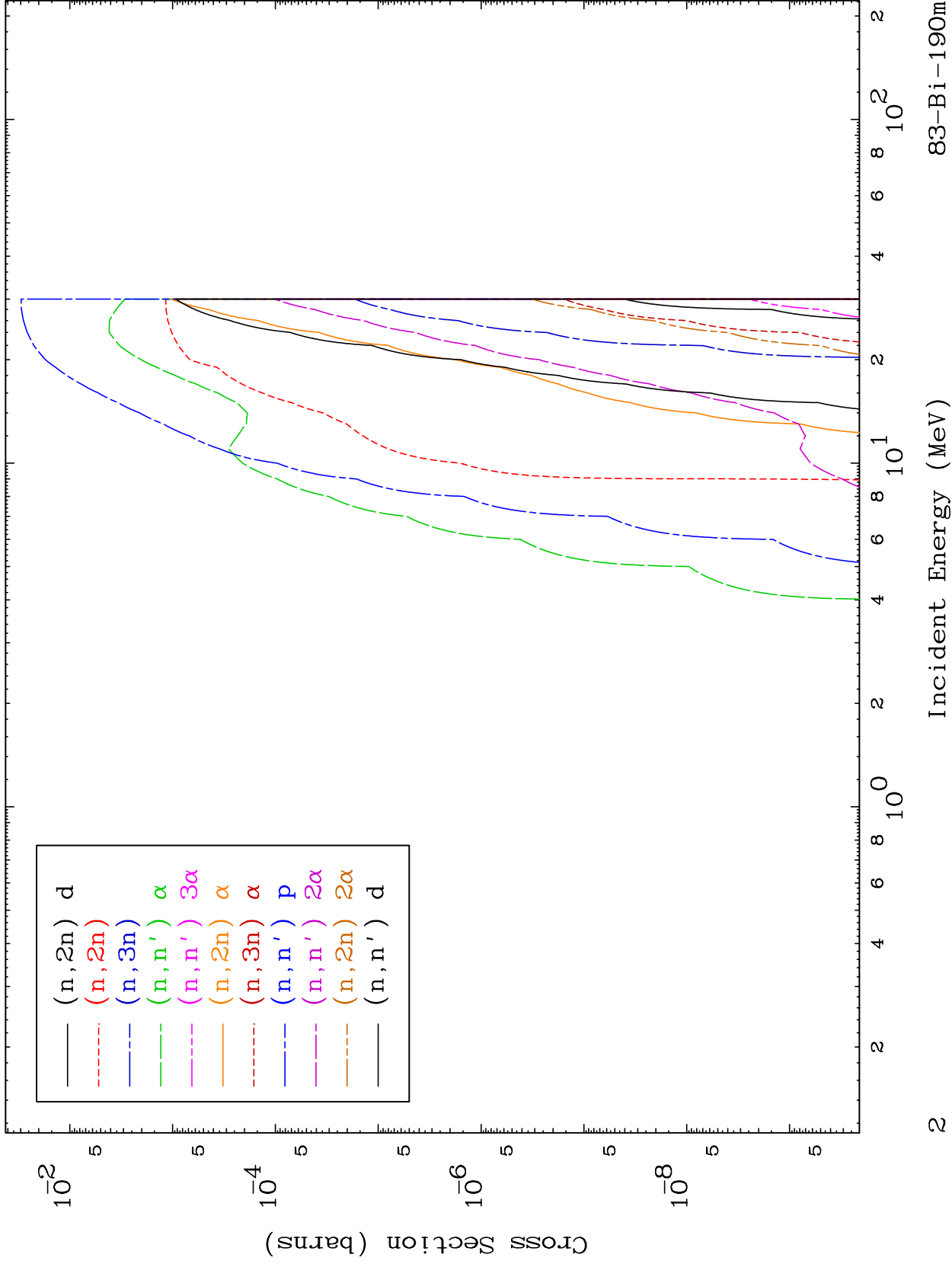
83-Bi-190m

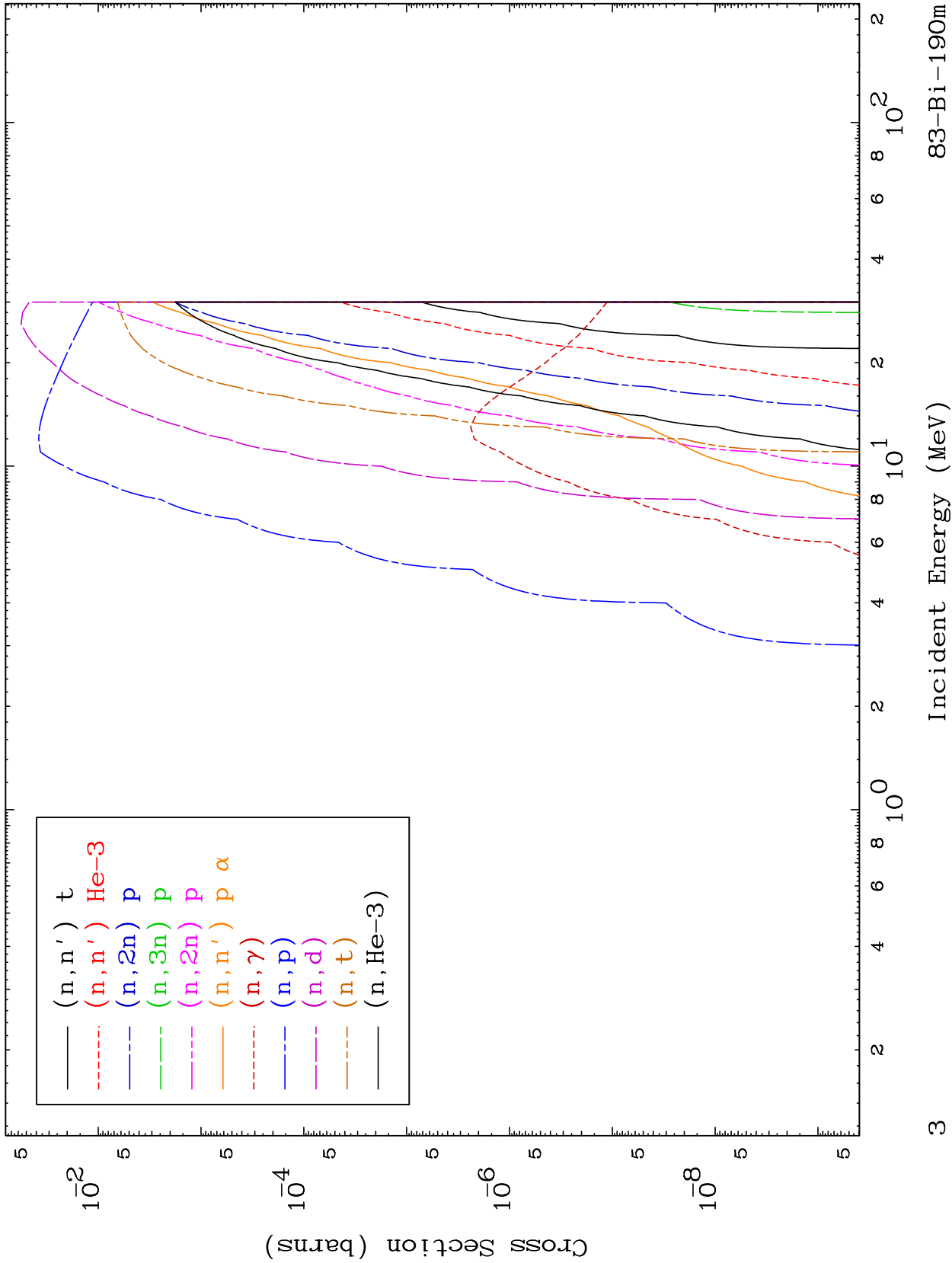


MAT 8269

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

<sup>83</sup>Bi-190m

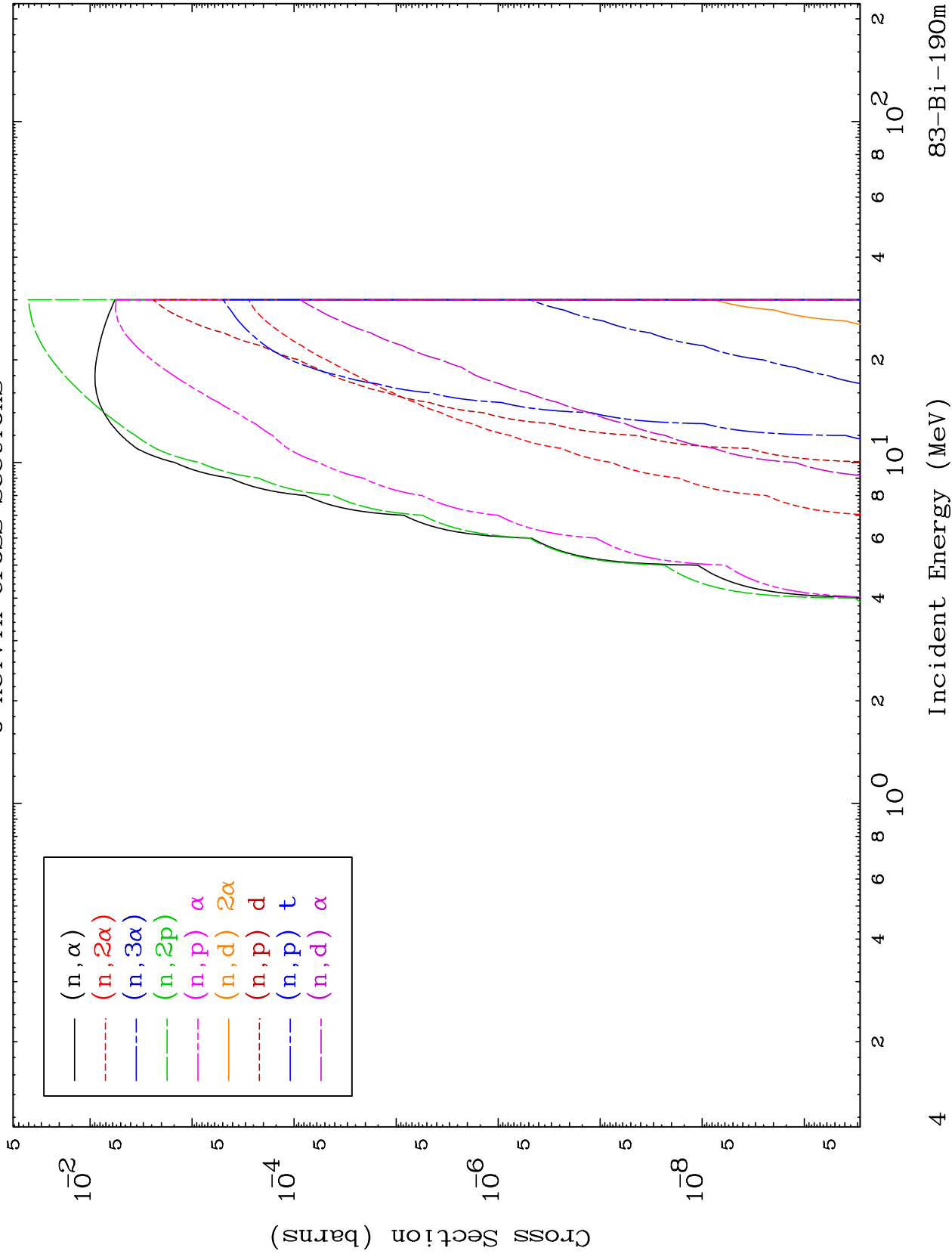


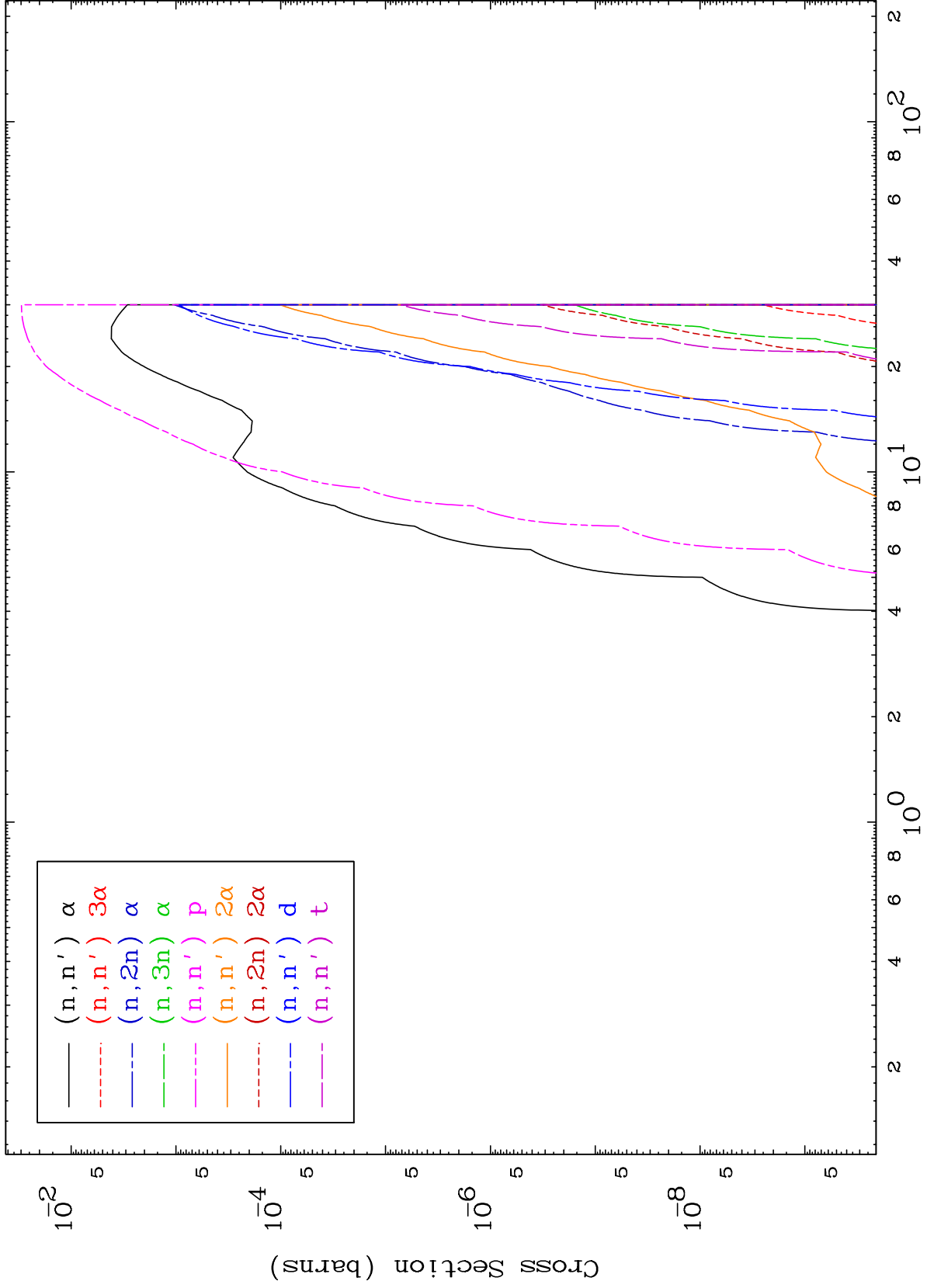


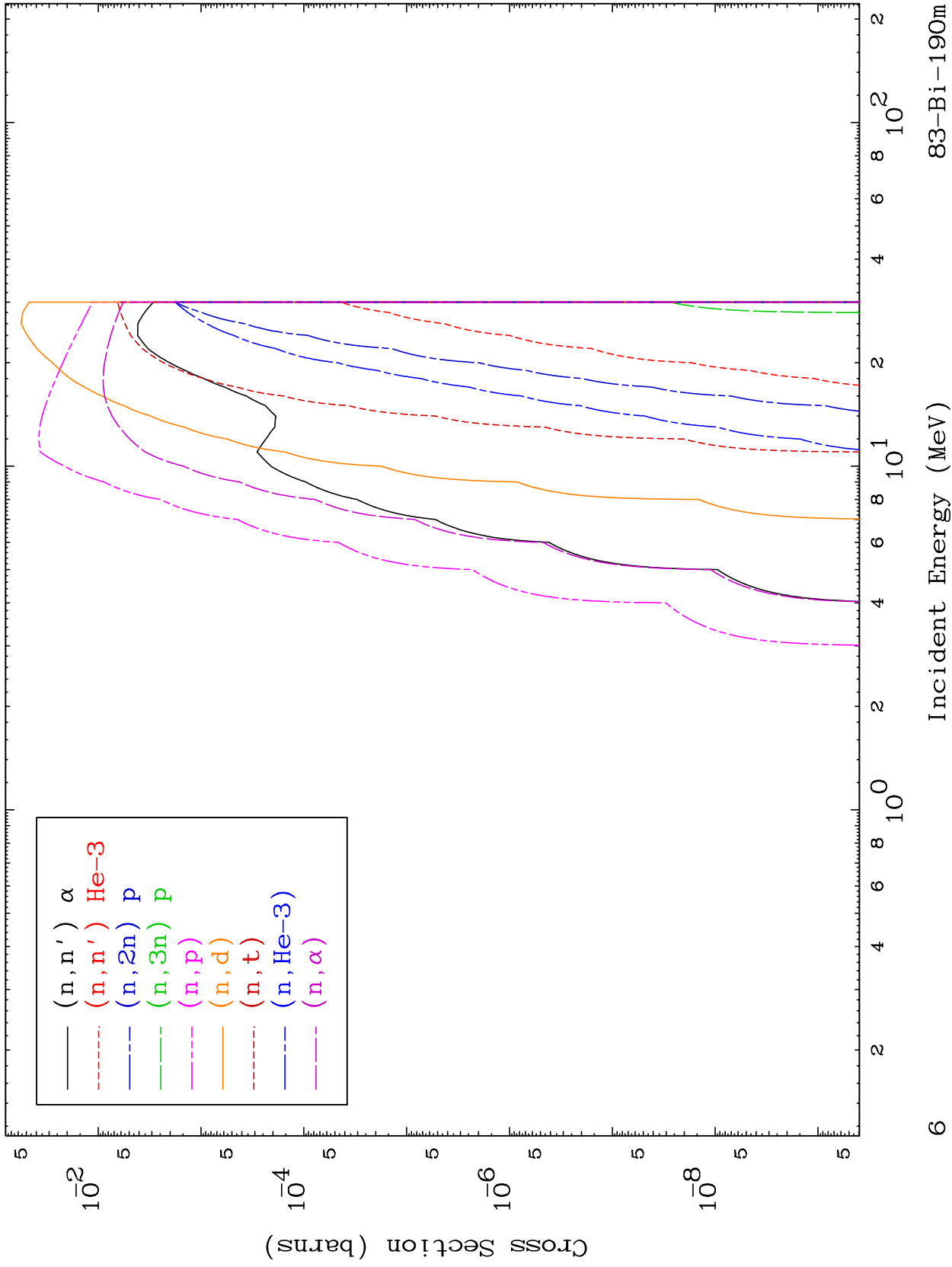
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Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-190m



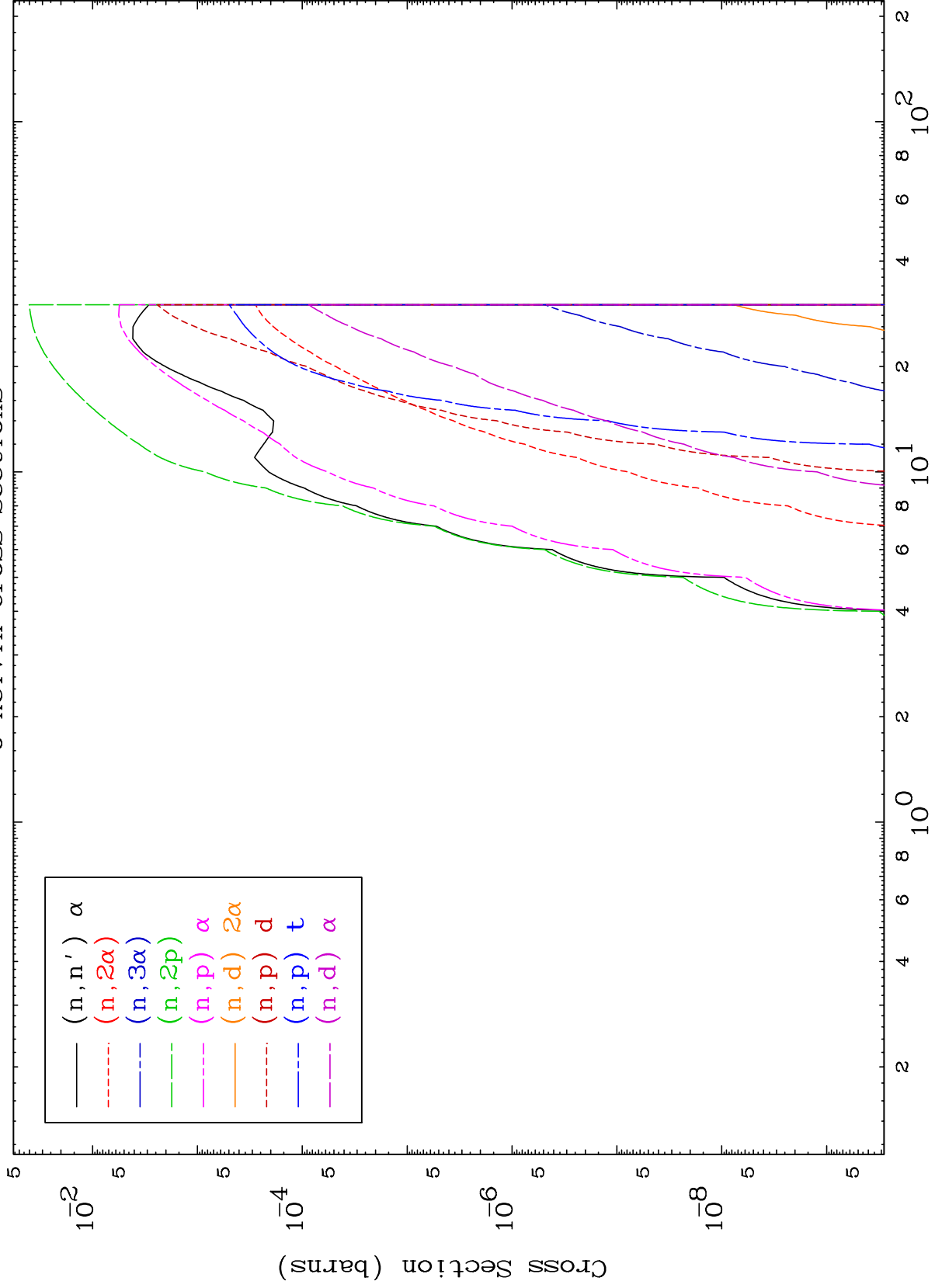




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Deuteron Charged Particle  
0 Kelvin Cross Sections

83-Bi-190m

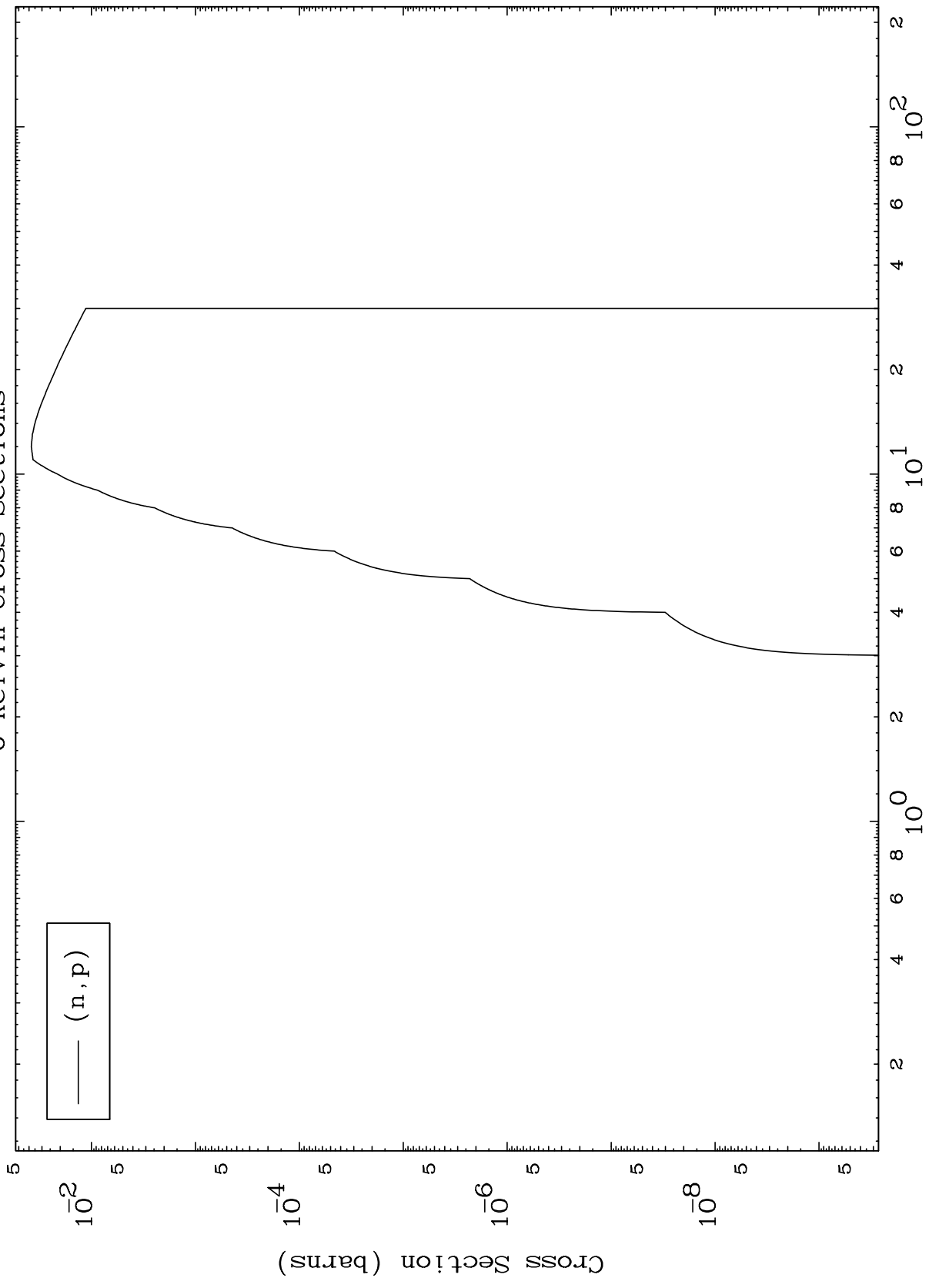


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(d,p) Levels

83-Bi-190m

0 Kelvin Cross Sections

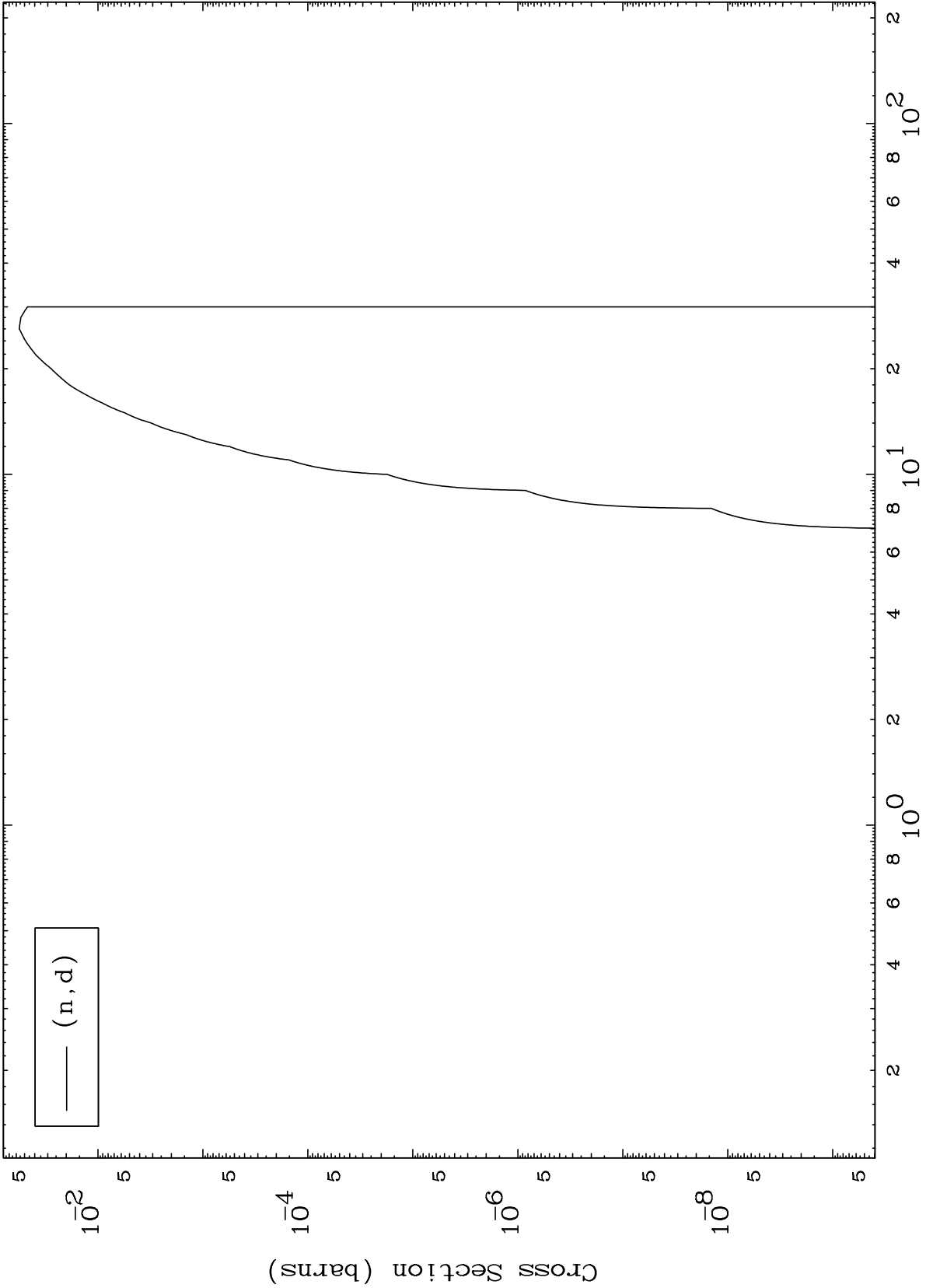


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(d,d) Levels

83-Bi-190m

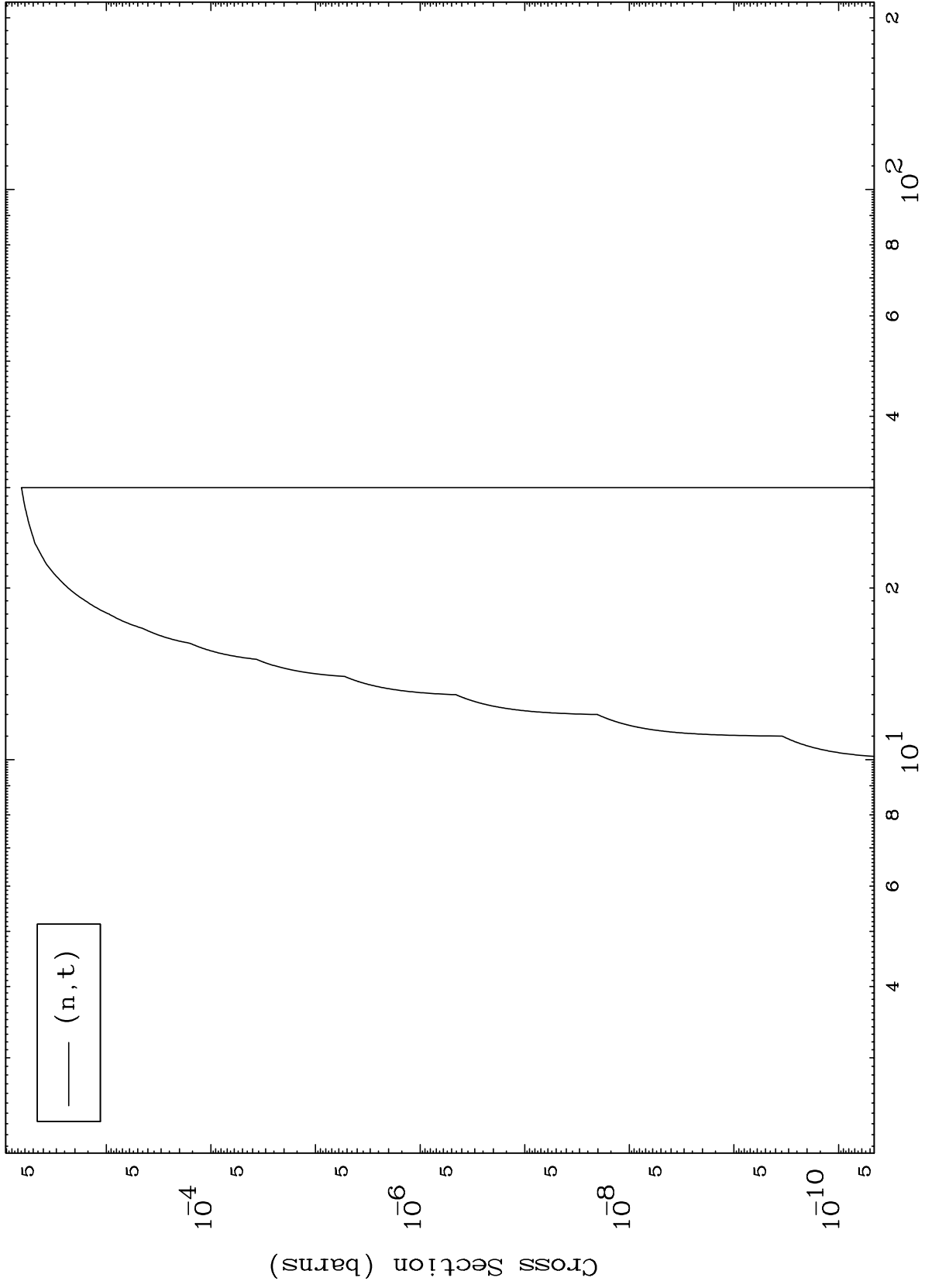
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

83-Bi-190m



10

Incident Energy (MeV)

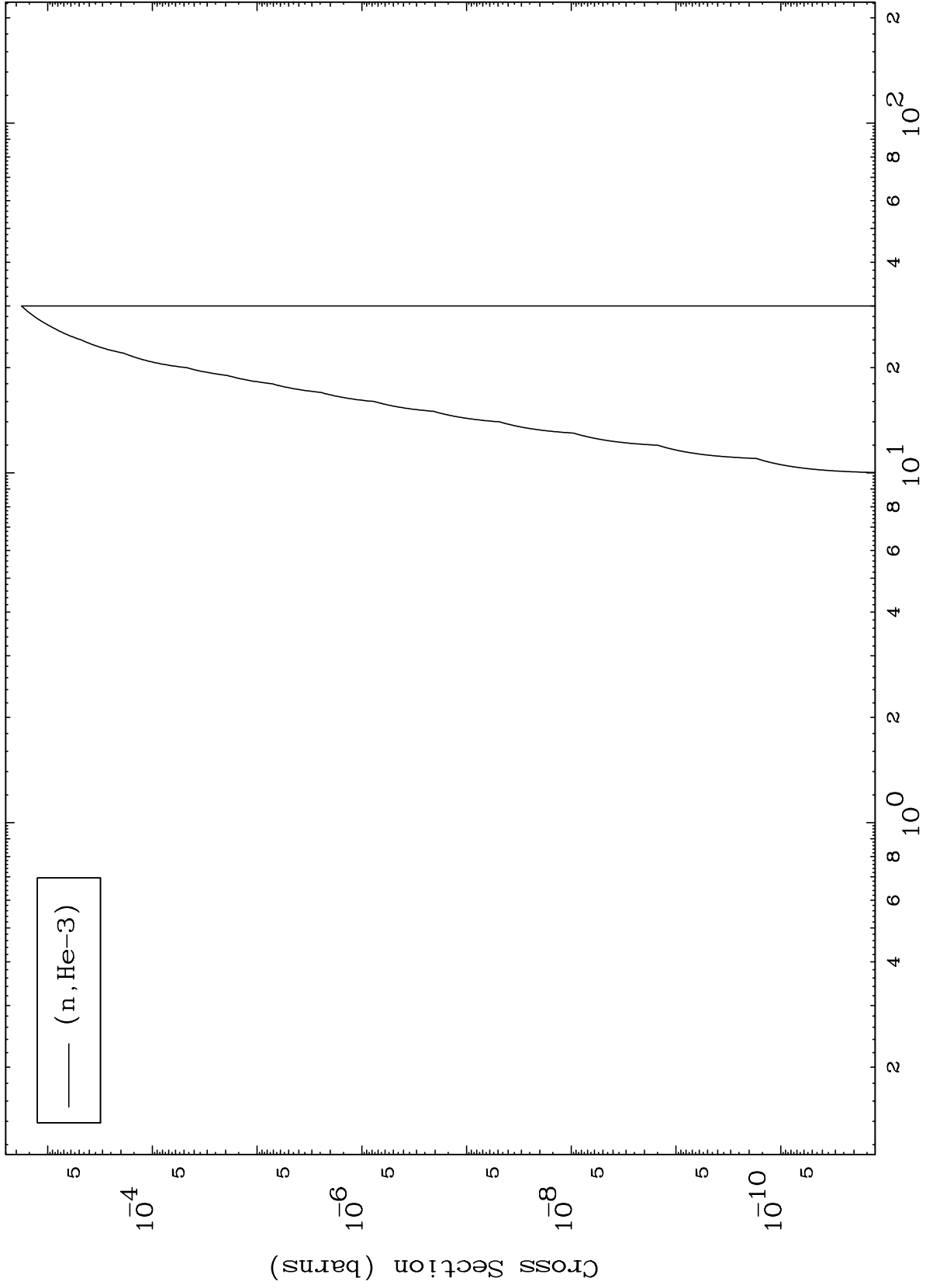
83-Bi-190m

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(d,He3) Levels

83-Bi-190m

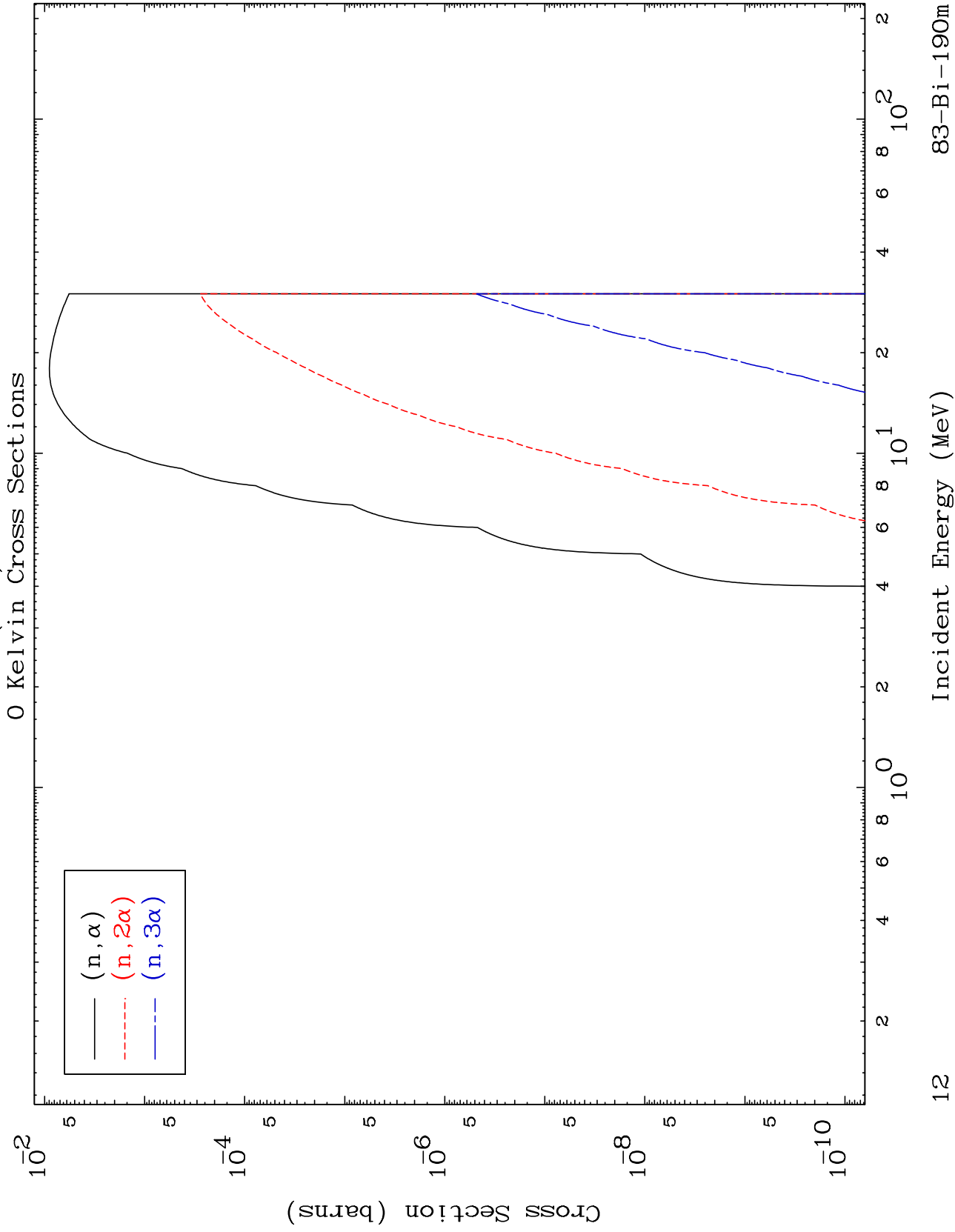
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels

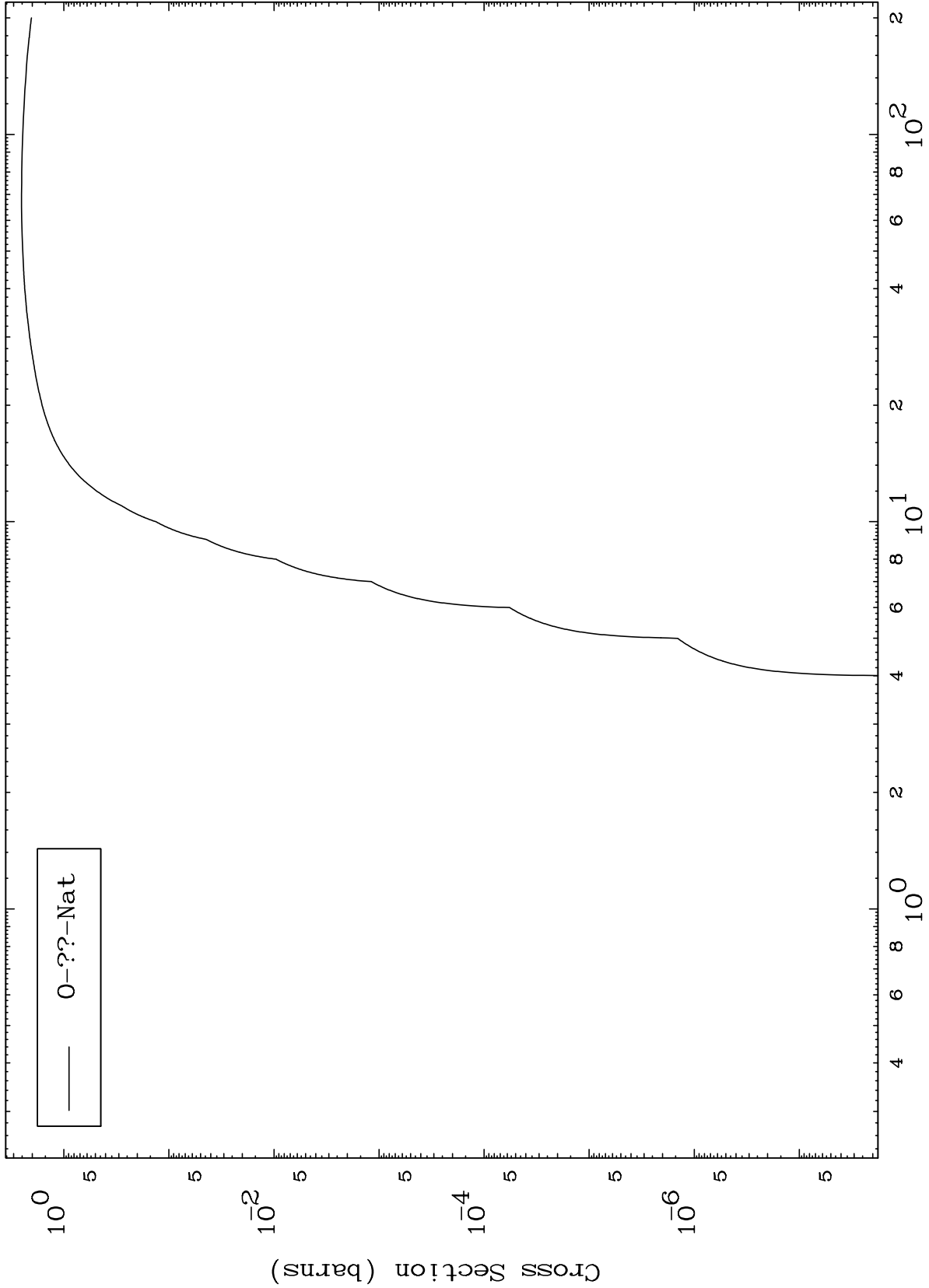
$^{83}\text{Bi}$ -190m



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83-Bi-190m

Fission  
Radionuclide Production Cross Section

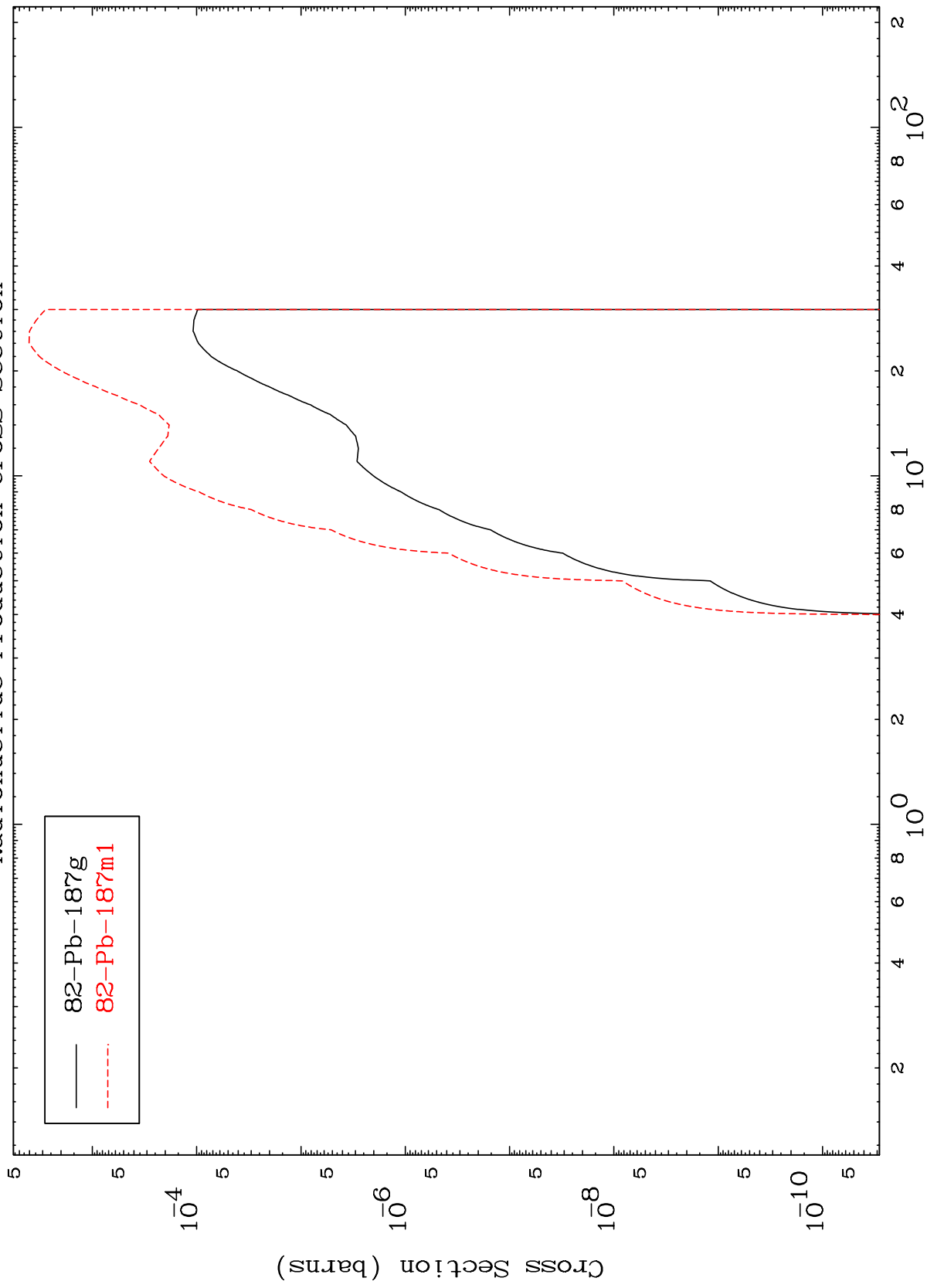


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$(n, n') \alpha$

$^{83}\text{Bi}-190\text{m}$

Radionuclide Production Cross Section

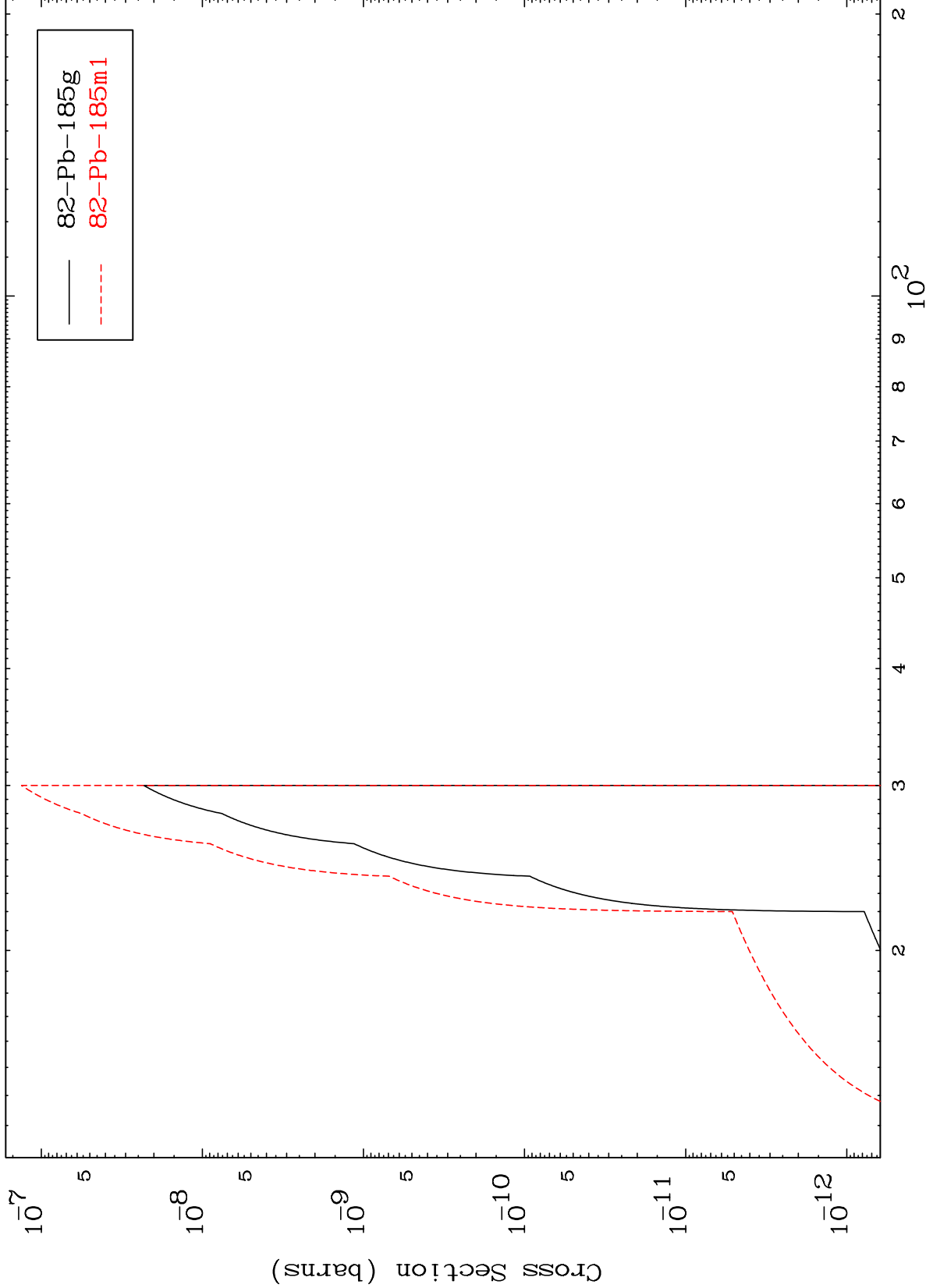


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(n,3n)  $\alpha$

83-Bi-190m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

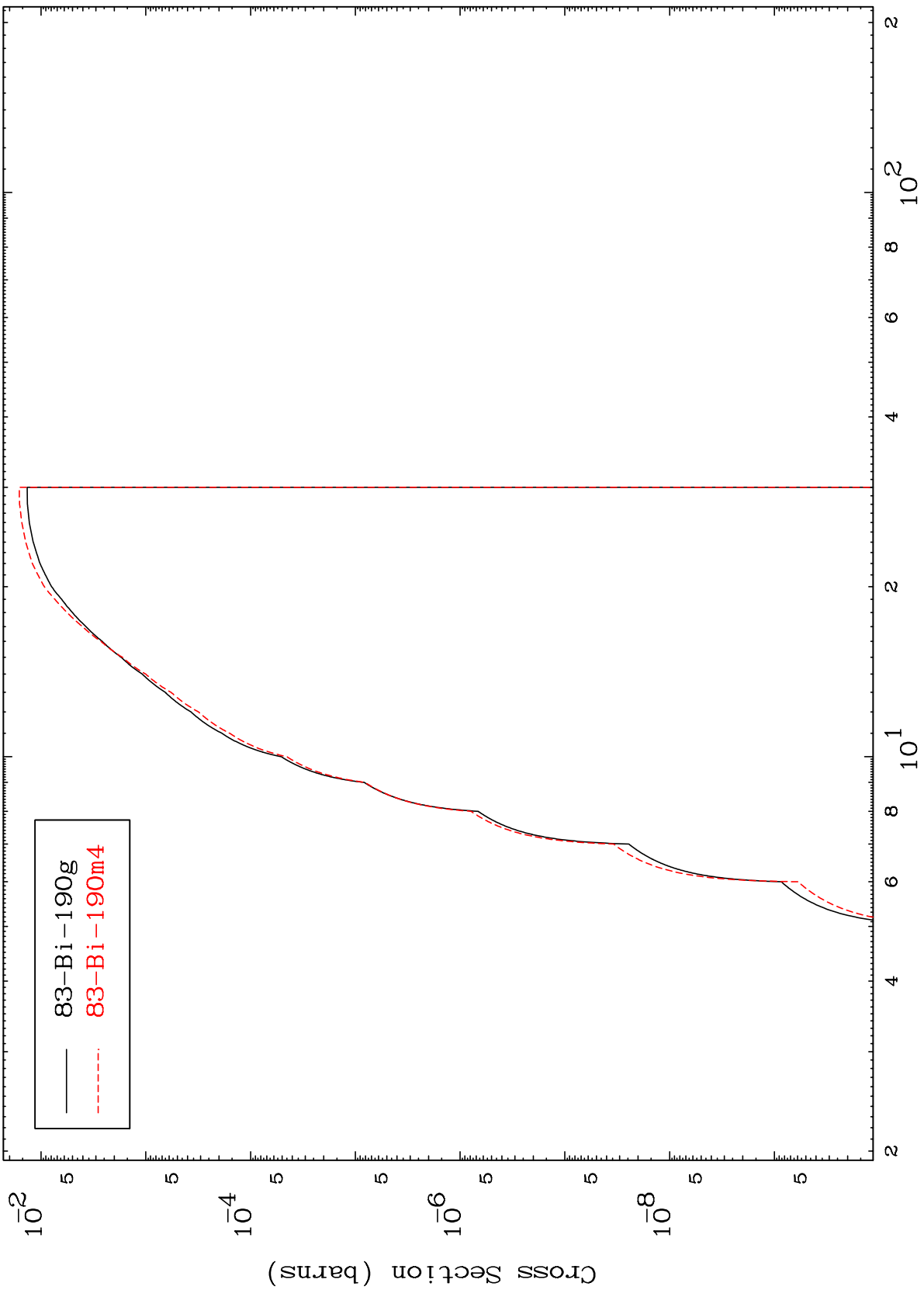
83-Bi-190m

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(n,n') p

83-Bi-190m

Radionuclide Production Cross Section



83-Bi-190g  
83-Bi-190m4

16

Incident Energy (MeV)

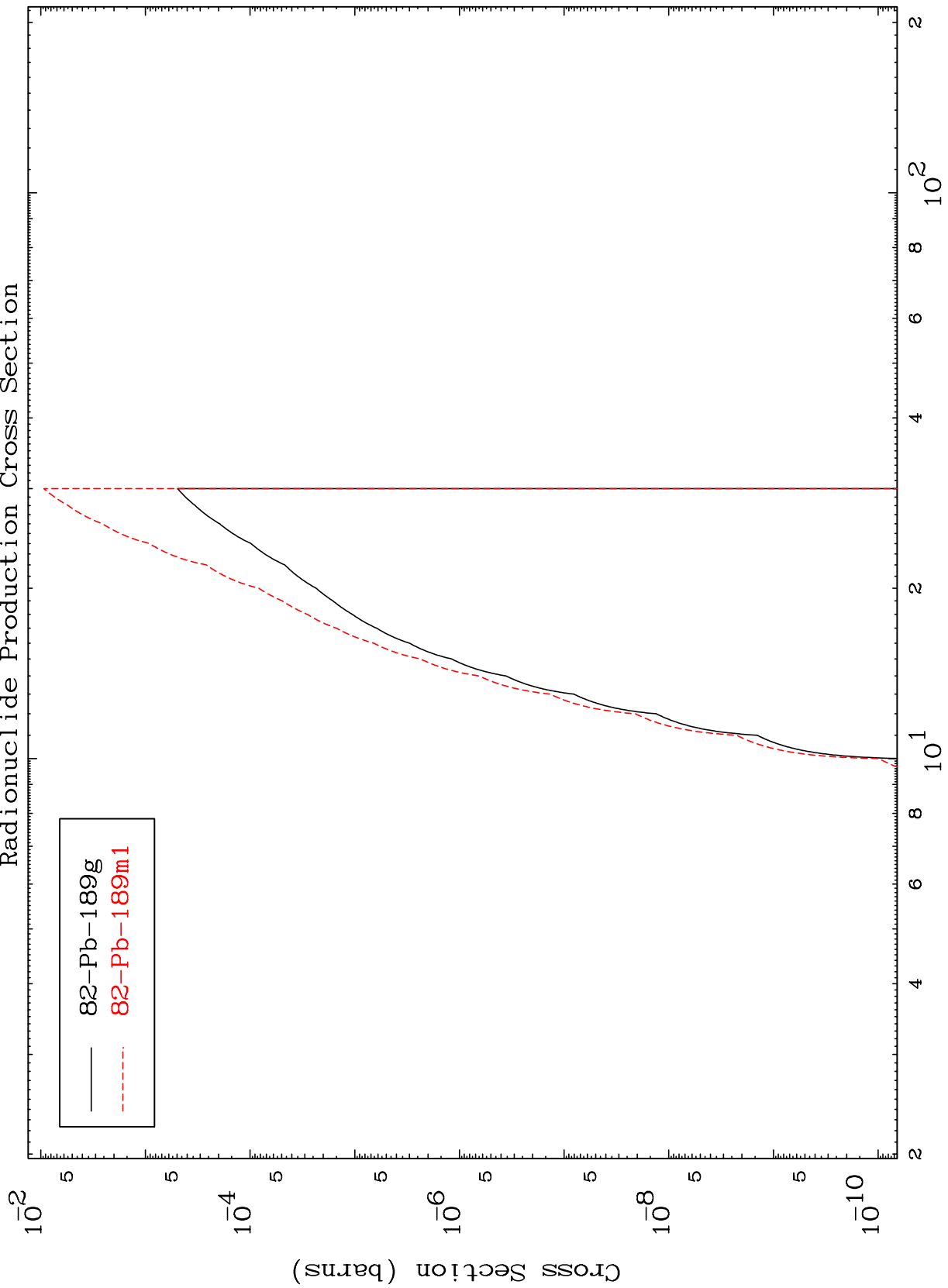
83-Bi-190m

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(n,2n) p

83-Bi-190m

Radionuclide Production Cross Section



— 82-Pb-189g  
- - - 82-Pb-189m1

17

Incident Energy (MeV)

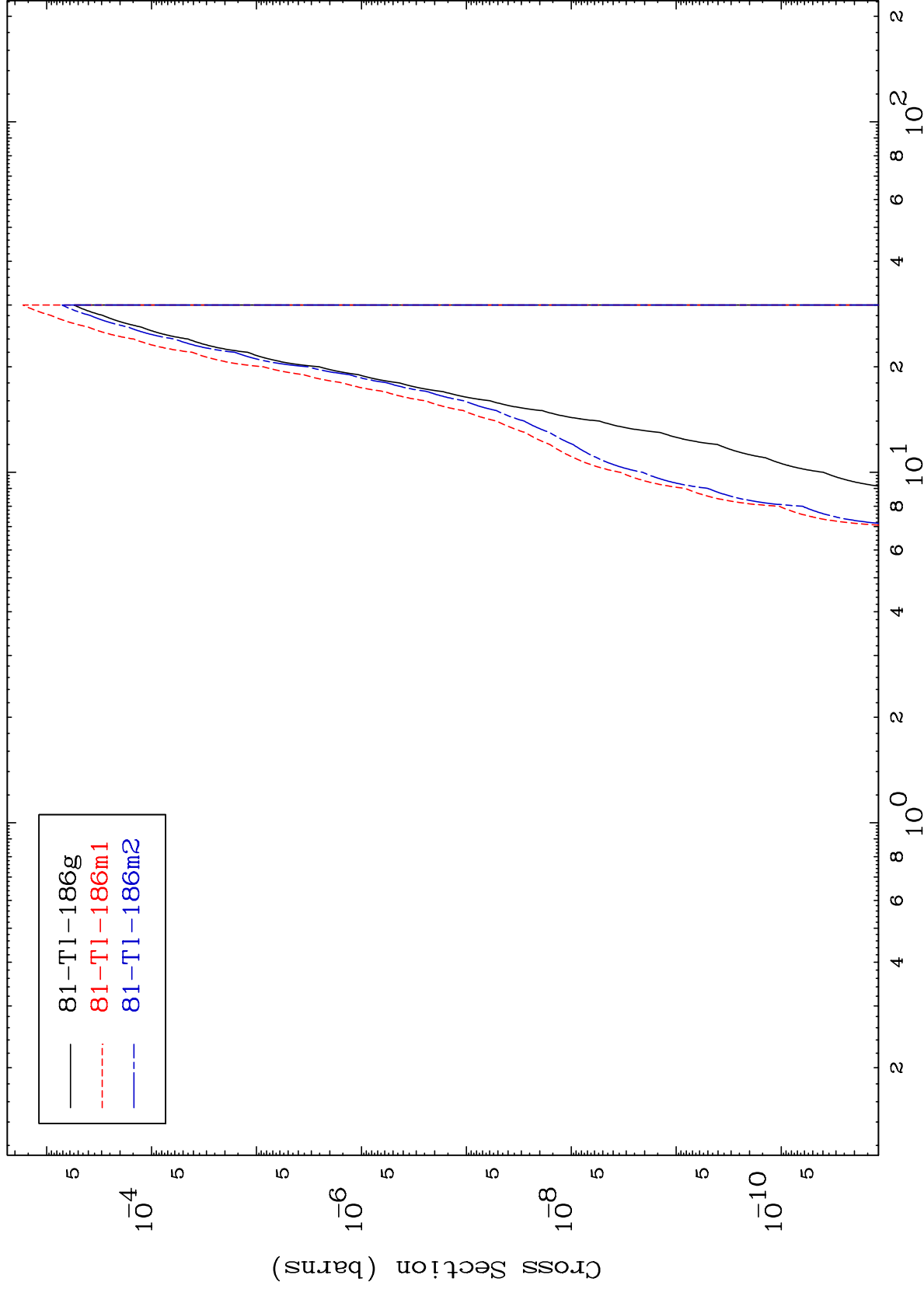
83-Bi-190m

MAT 8269

(n,n') p  $\alpha$

<sup>83</sup>Bi-190m

Radionuclide Production Cross Section



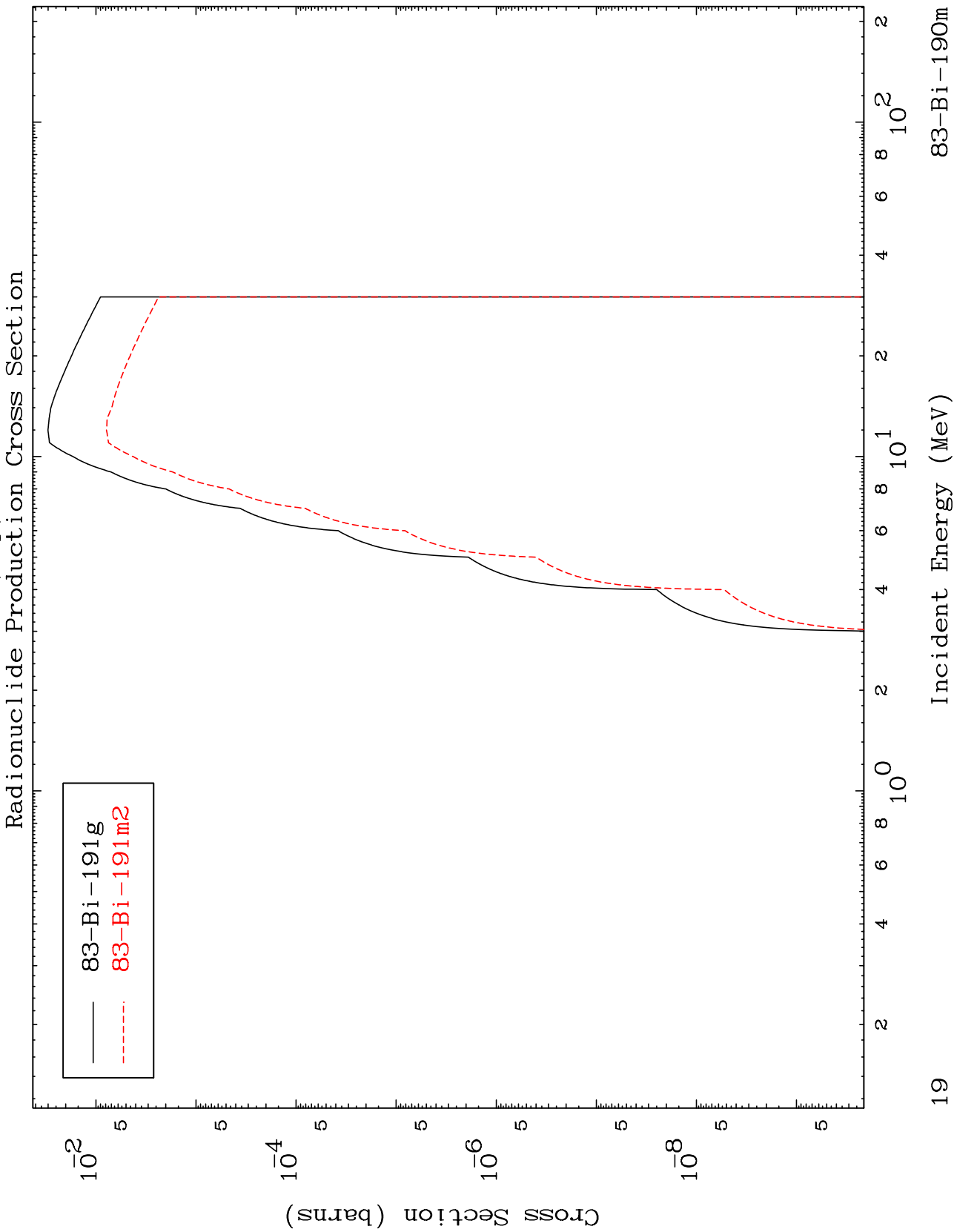
18

Incident Energy (MeV)

<sup>83</sup>Bi-190m

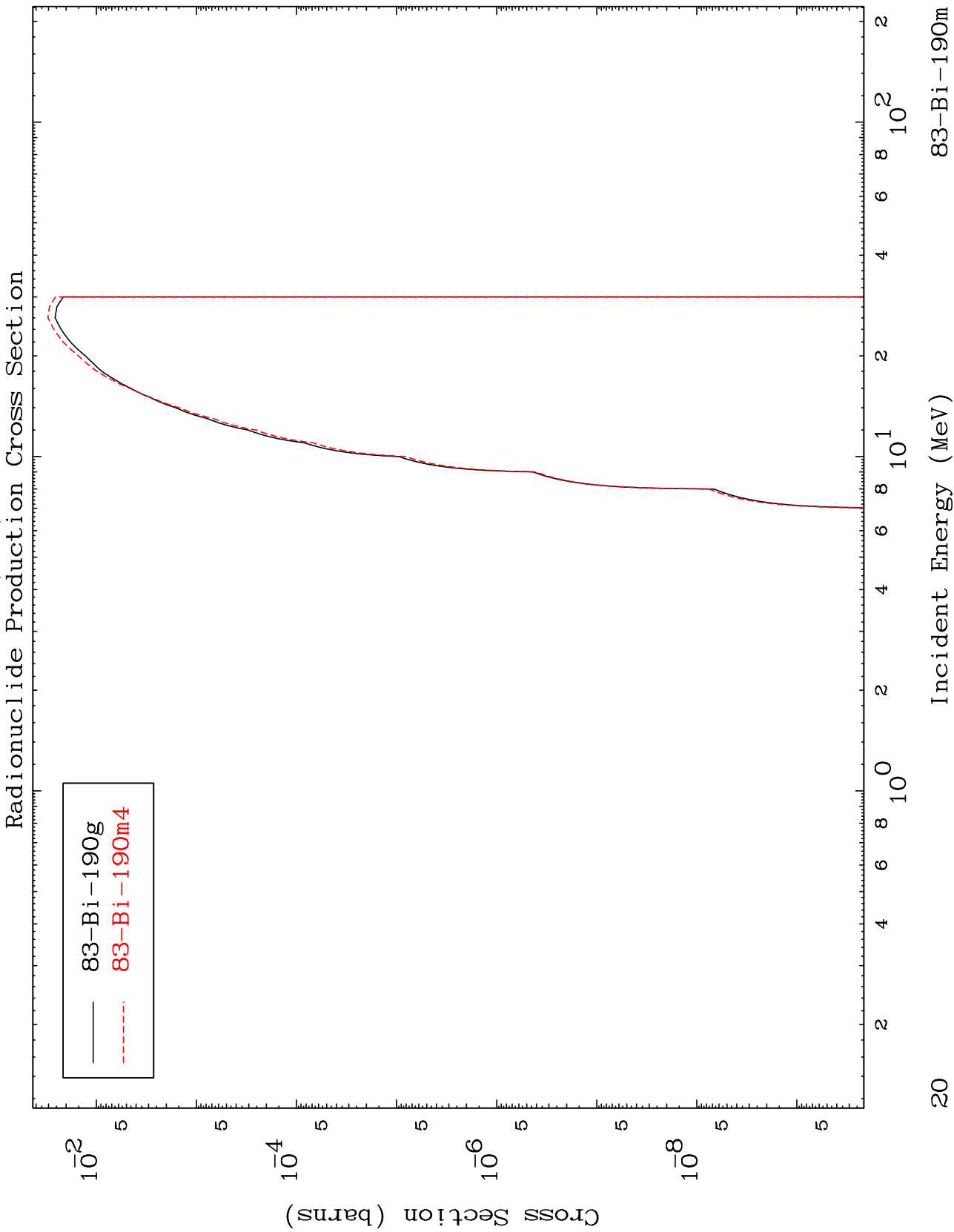
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<sup>83</sup>Bi-190m



MAT 8269

<sup>83</sup>Bi-190m

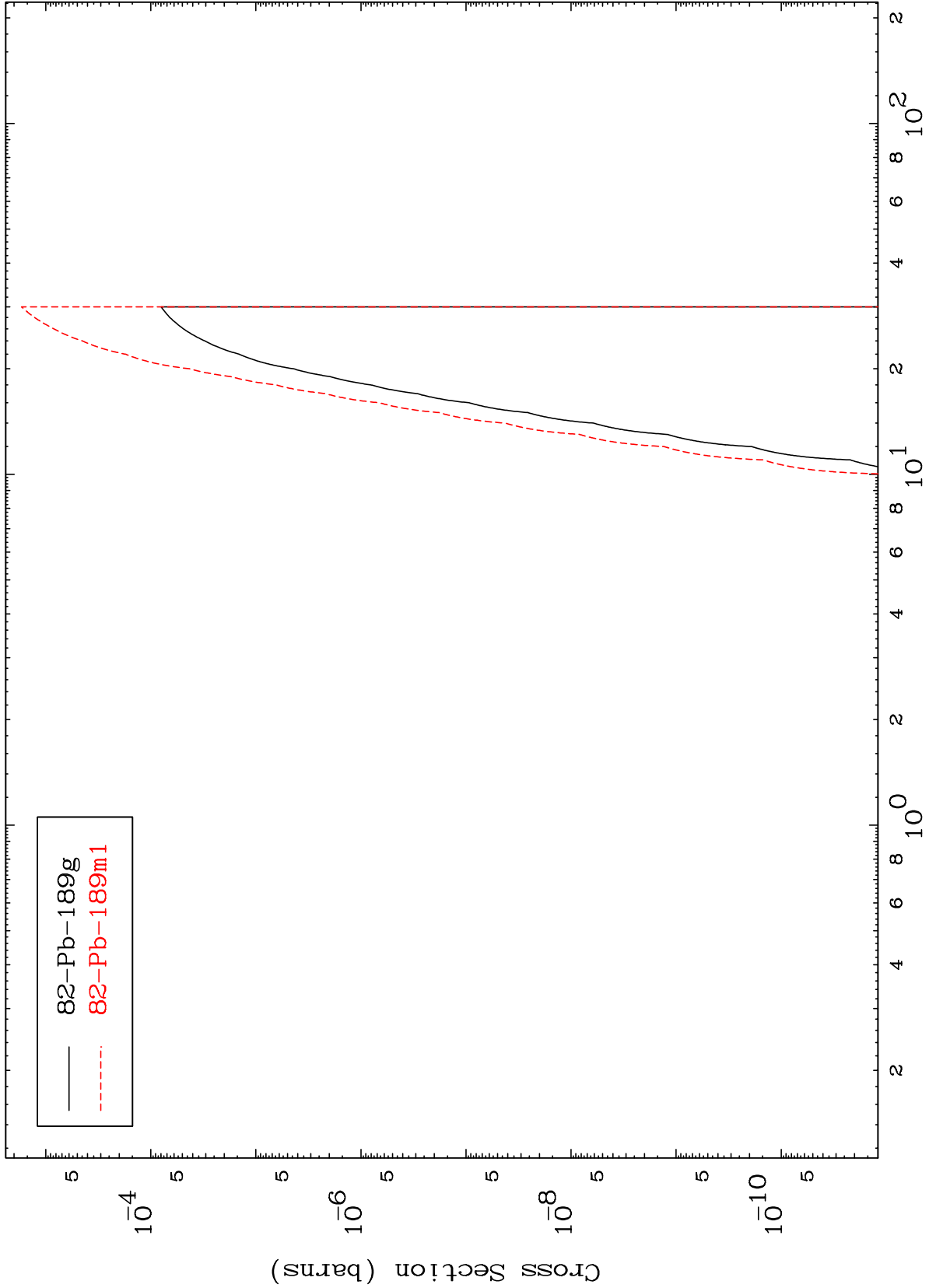


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(n,He-3)

83-Bi-190m

Radionuclide Production Cross Section

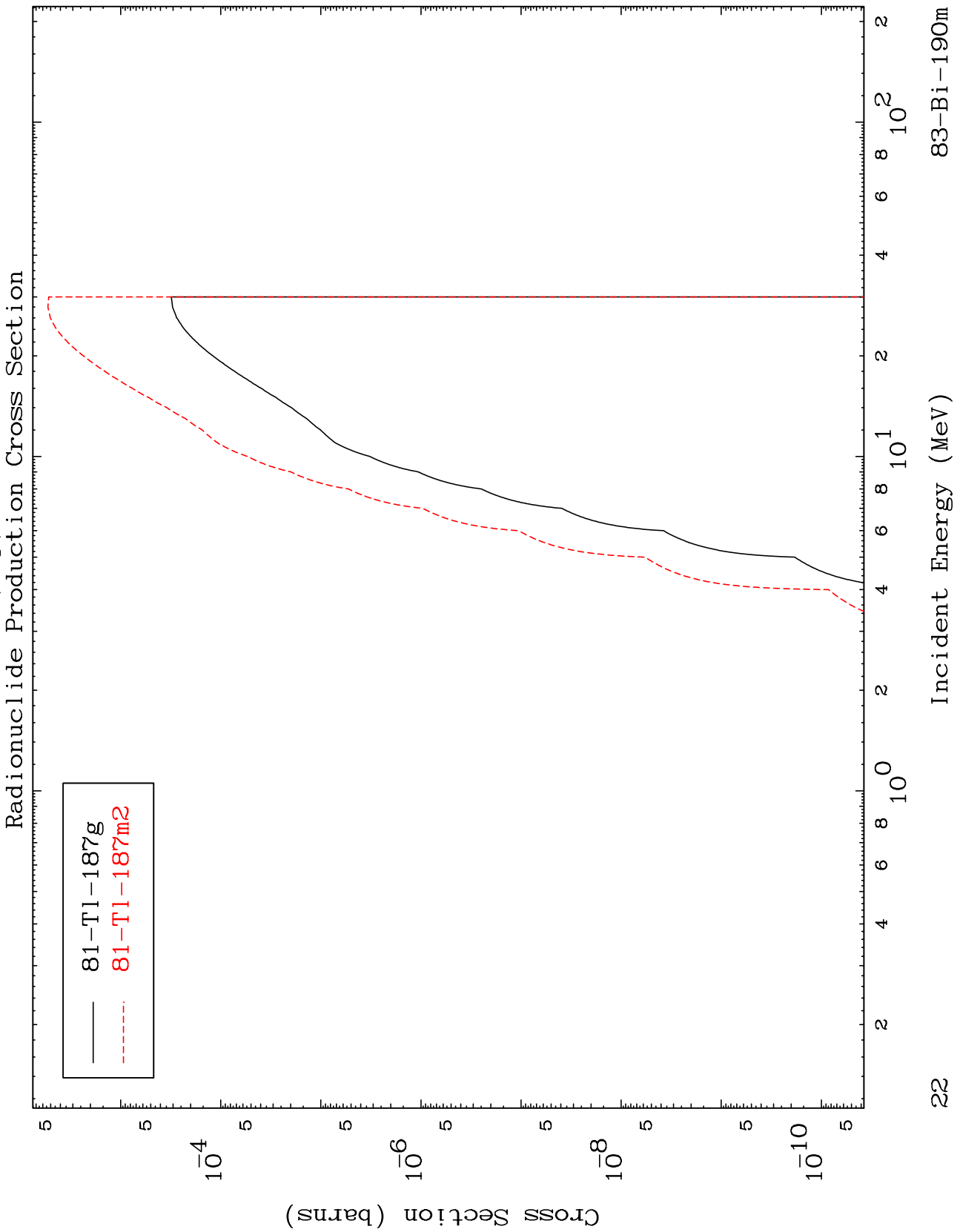


83-Bi-190m

MAT 8269

(n,p)  $\alpha$

<sup>83</sup>Bi-190m

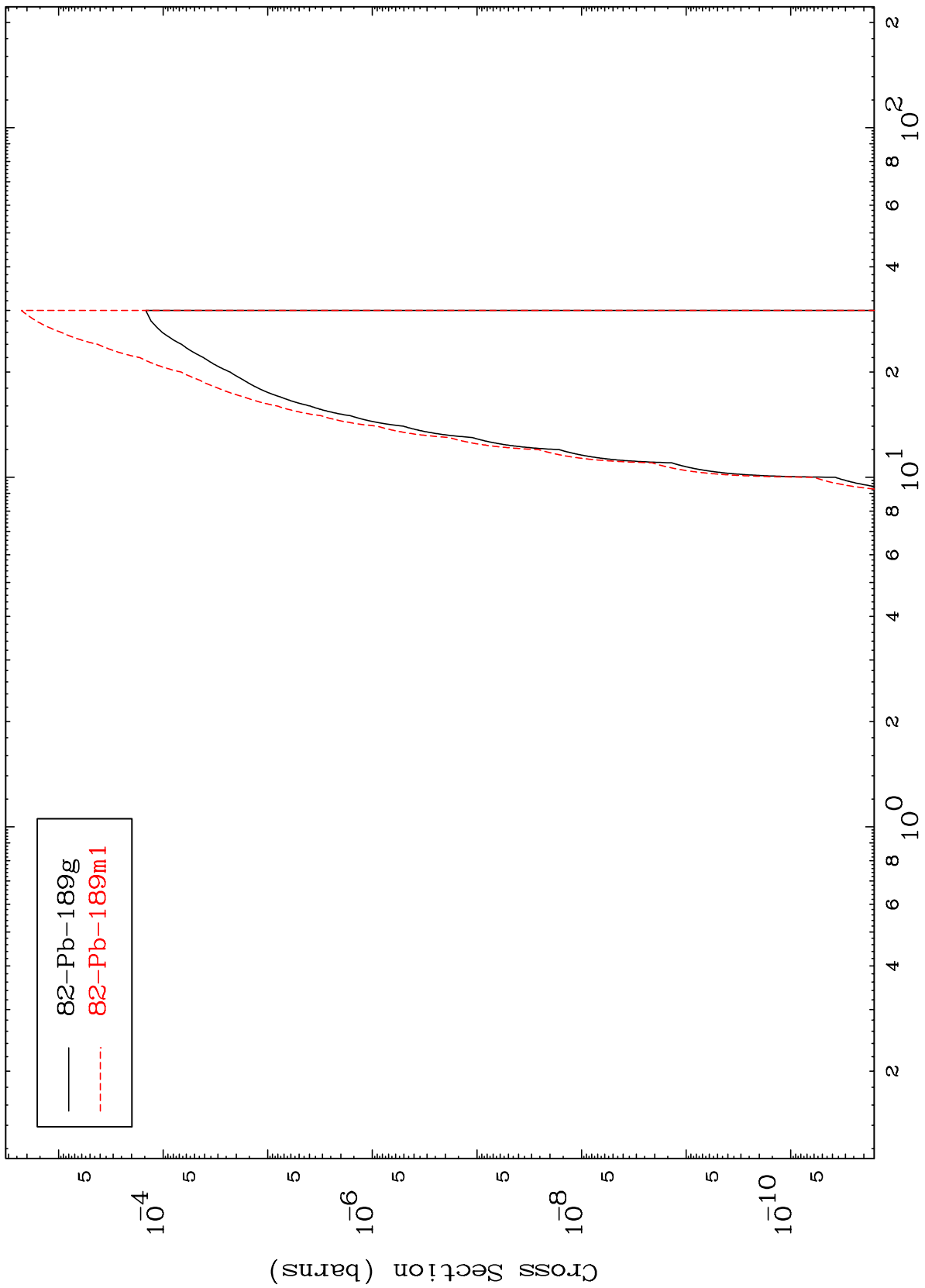


MAT 8269

(n,p) d

<sup>83</sup>Bi-190m

Radionuclide Production Cross Section



— 82-Pb-189g  
- - - 82-Pb-189m1

MAT 8269

(n,d)  $\alpha$

$^{83}\text{Bi}$ -190m

