

Program EVALPLOT
(Version 2021-1)

by

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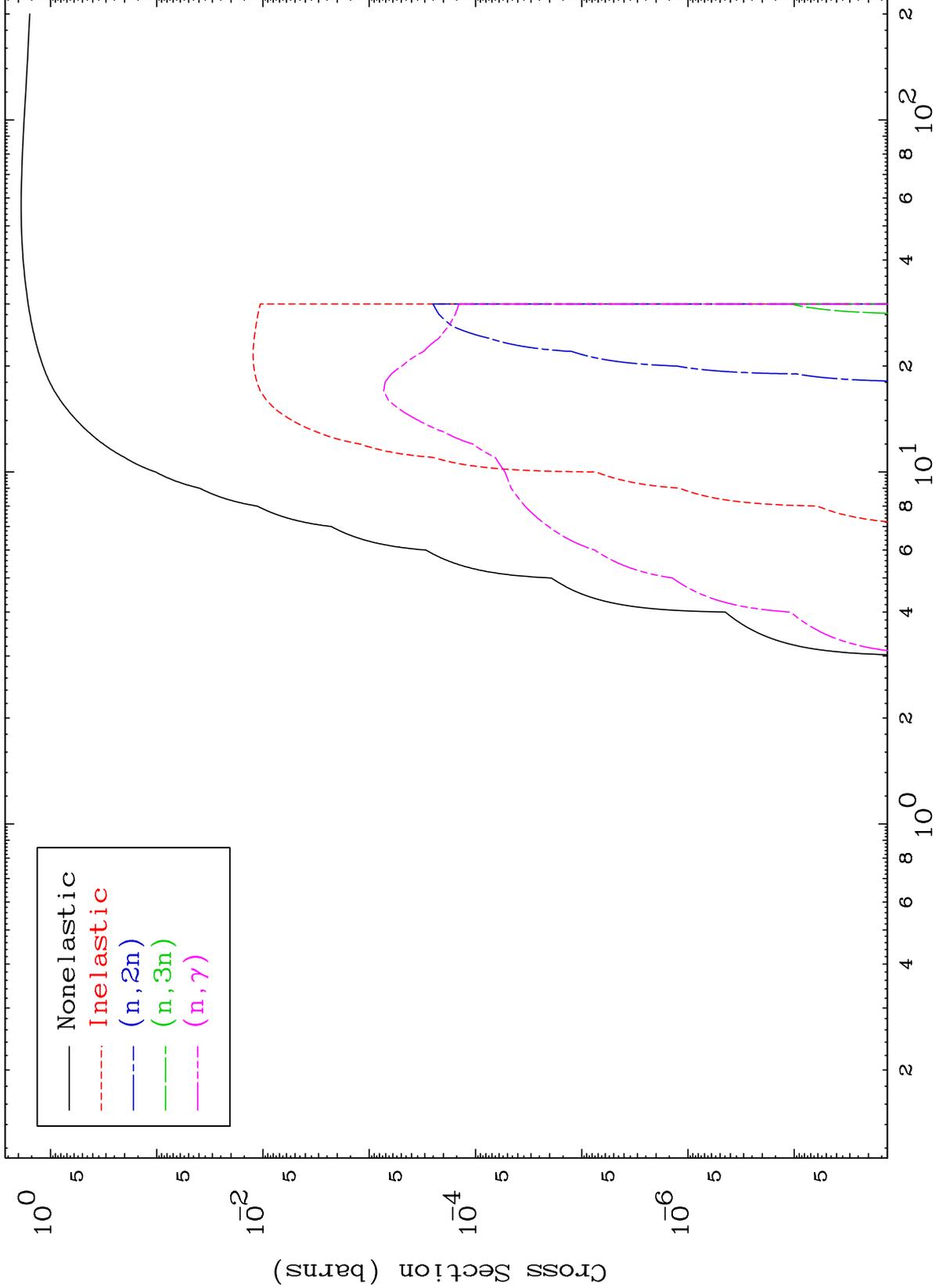
Press Mouse Button to Start

MAT 8269

Proton Major

83-Bi-190m

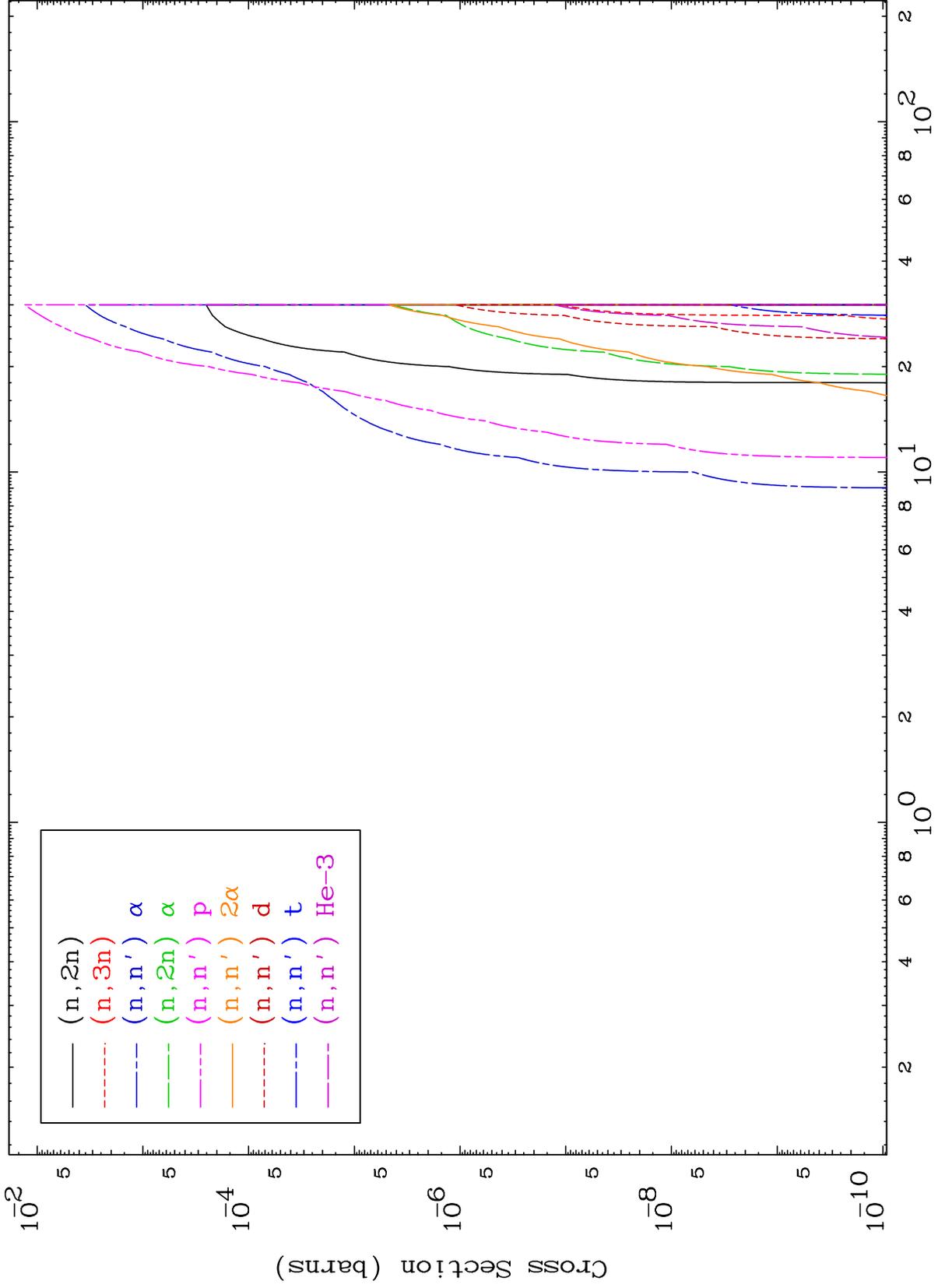
0 Kelvin Cross Sections



MAT 8269

Proton Neutron Absorption
0 Kelvin Cross Sections

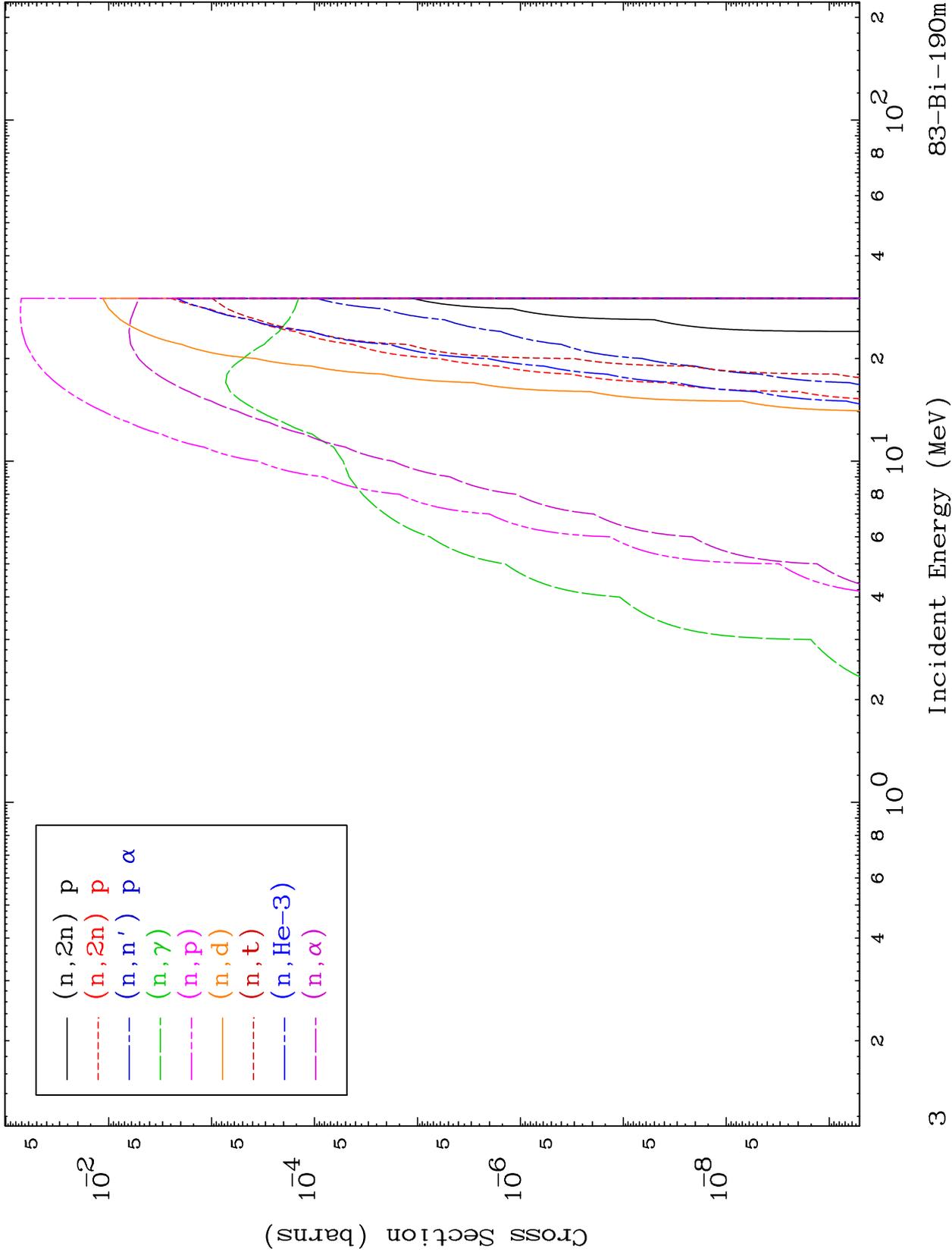
83-Bi-190m



MAT 8269

Proton Neutron Absorption
0 Kelvin Cross Sections

83-Bi-190m



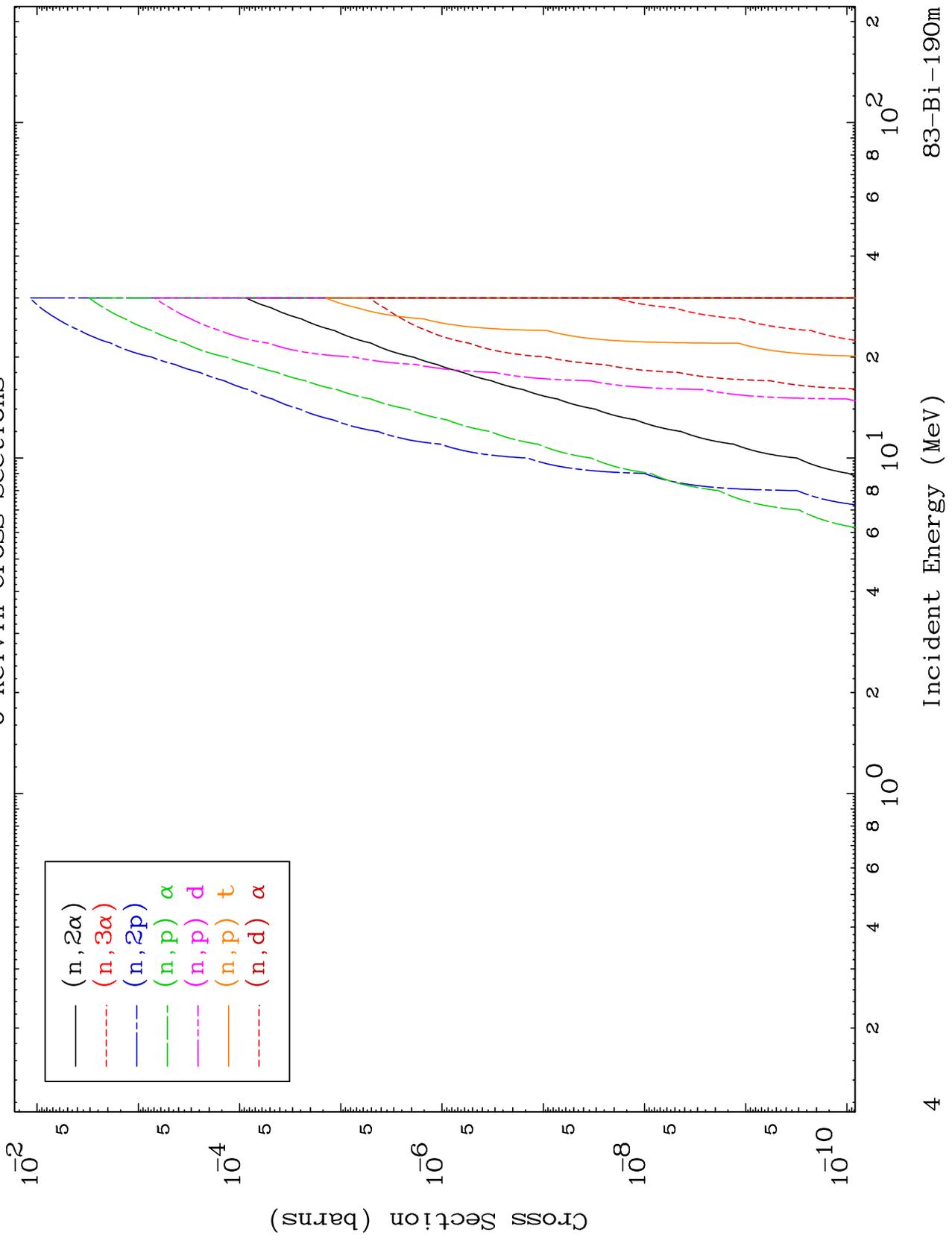
83-Bi-190m

Incident Energy (MeV)

MAT 8269

Proton Neutron Absorption
0 Kelvin Cross Sections

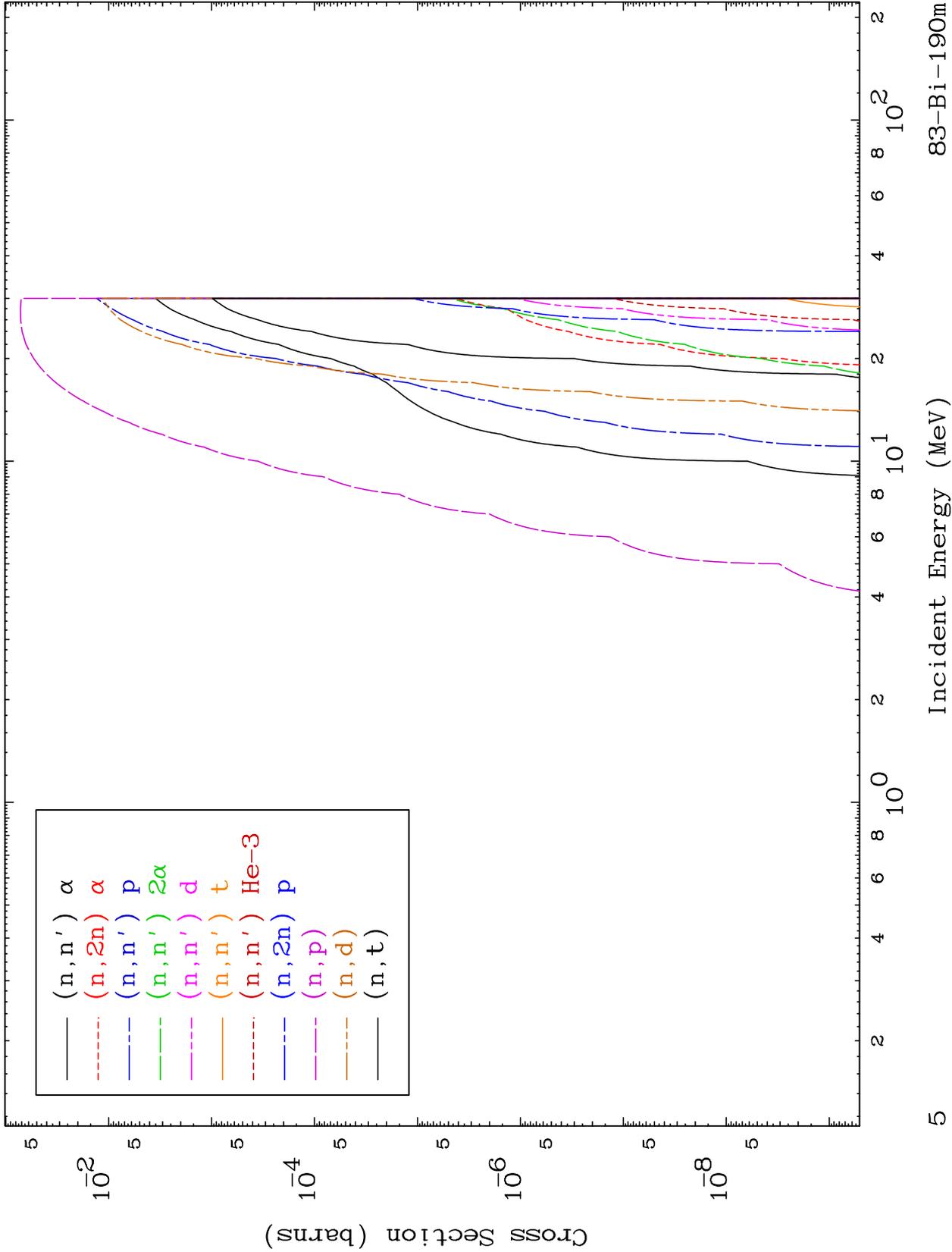
83-Bi-190m



MAT 8269

Proton Charged Particle
0 Kelvin Cross Sections

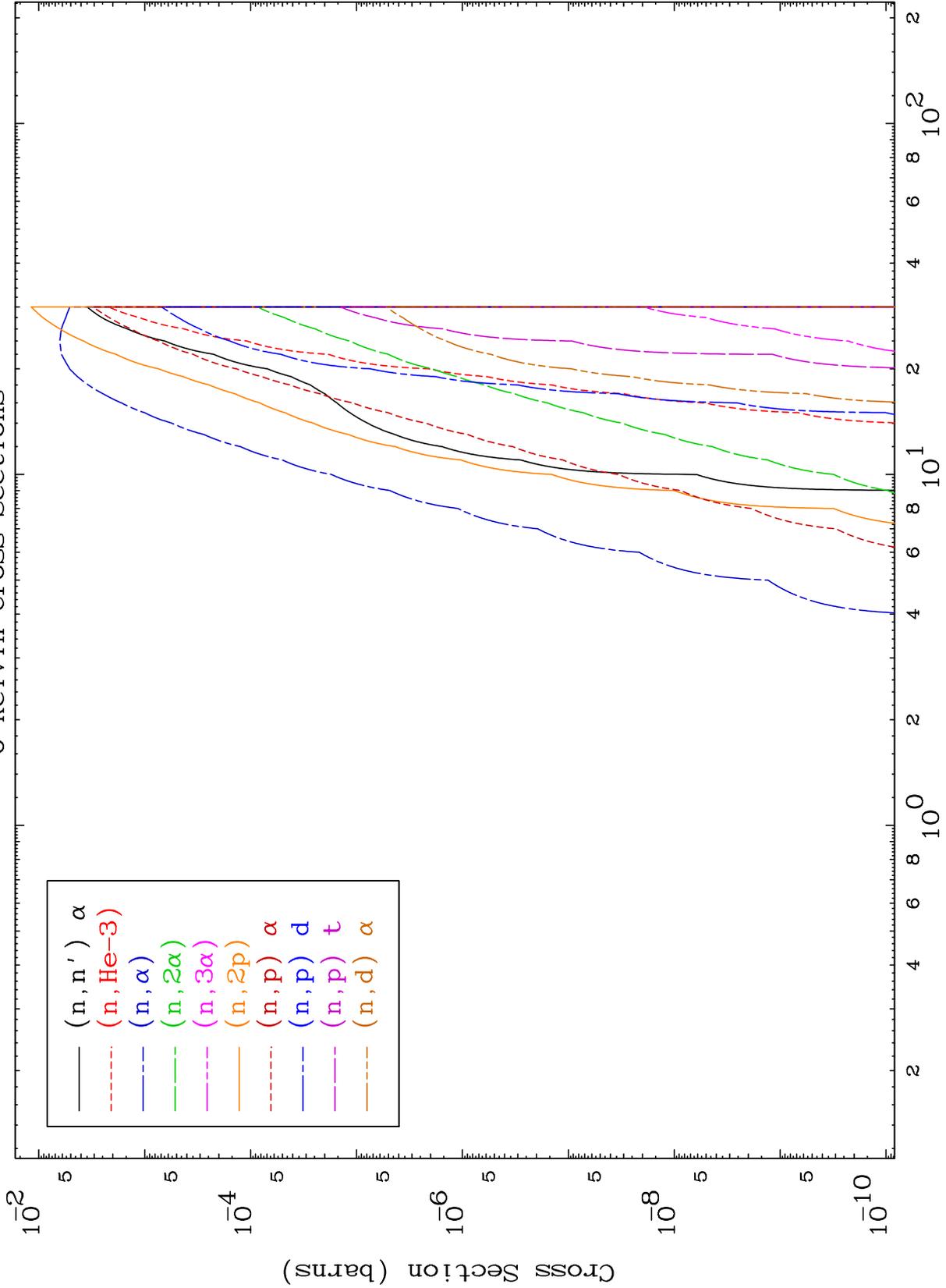
83-Bi-190m



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Proton Charged Particle
0 Kelvin Cross Sections

83-Bi-190m



Incident Energy (MeV)

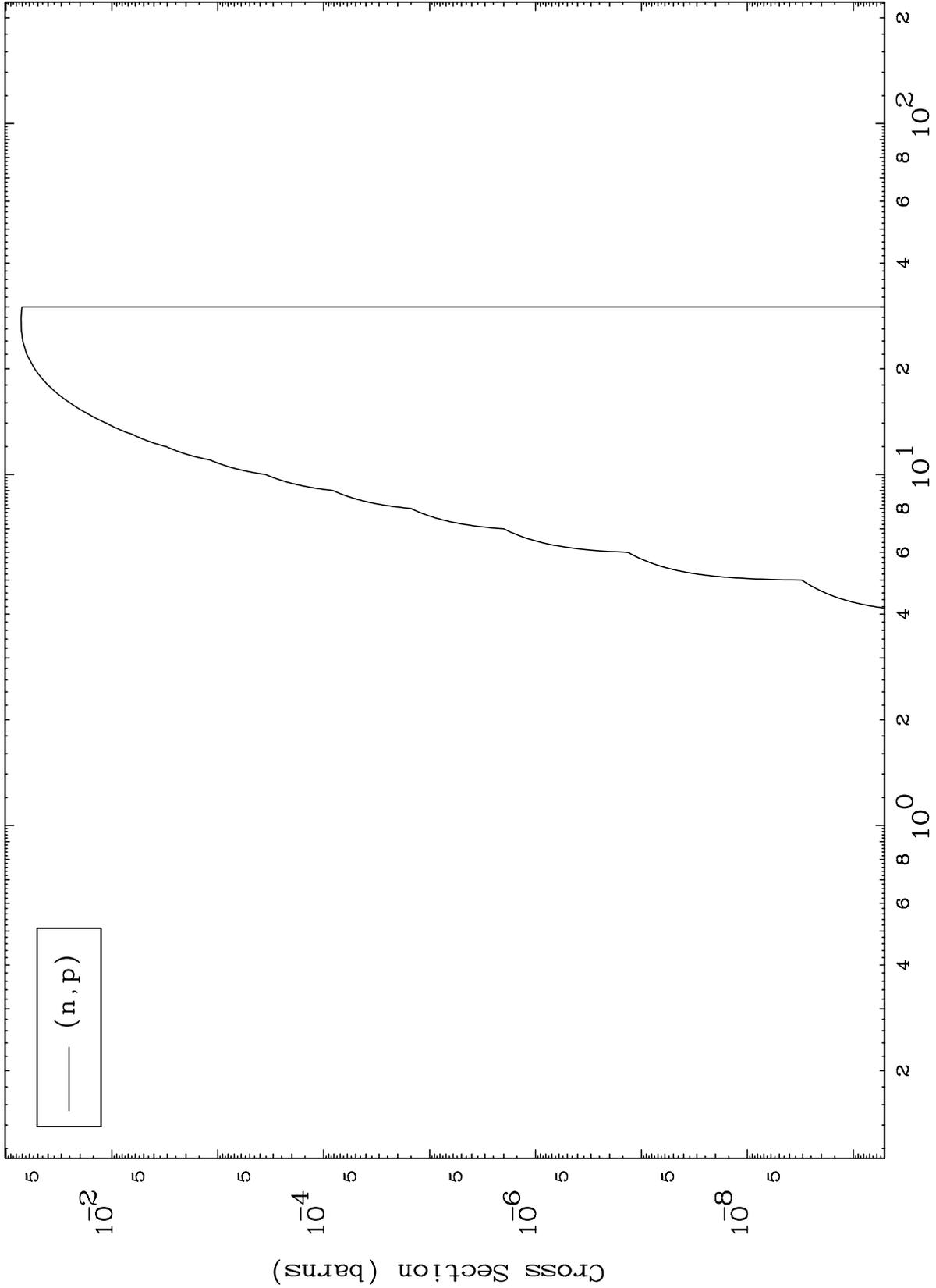
83-Bi-190m

MAT 8269

(p,p) Levels

⁸³Bi-190m

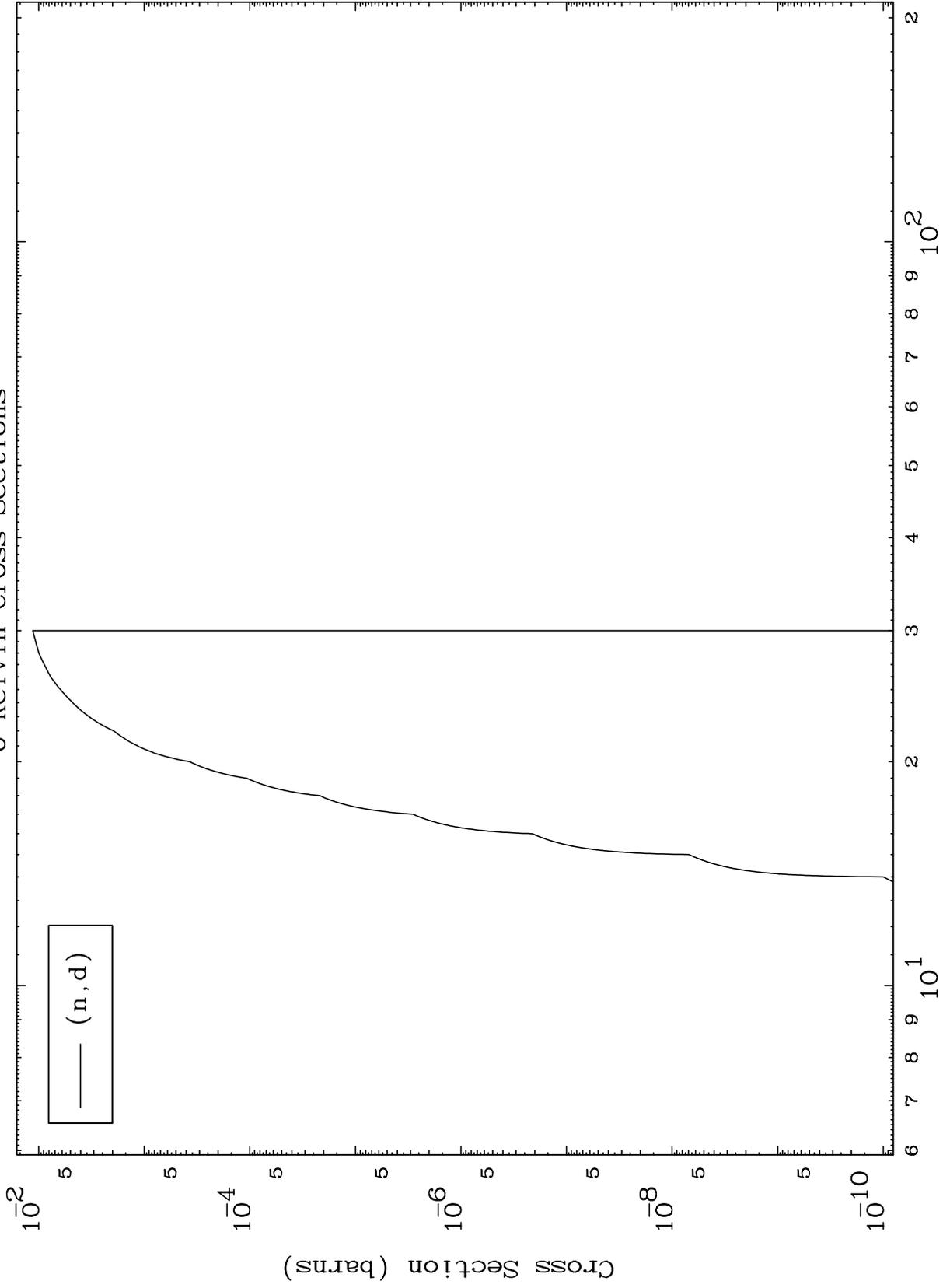
0 Kelvin Cross Sections



MAT 8269

(p,d) Levels
0 Kelvin Cross Sections

83-Bi-190m



8

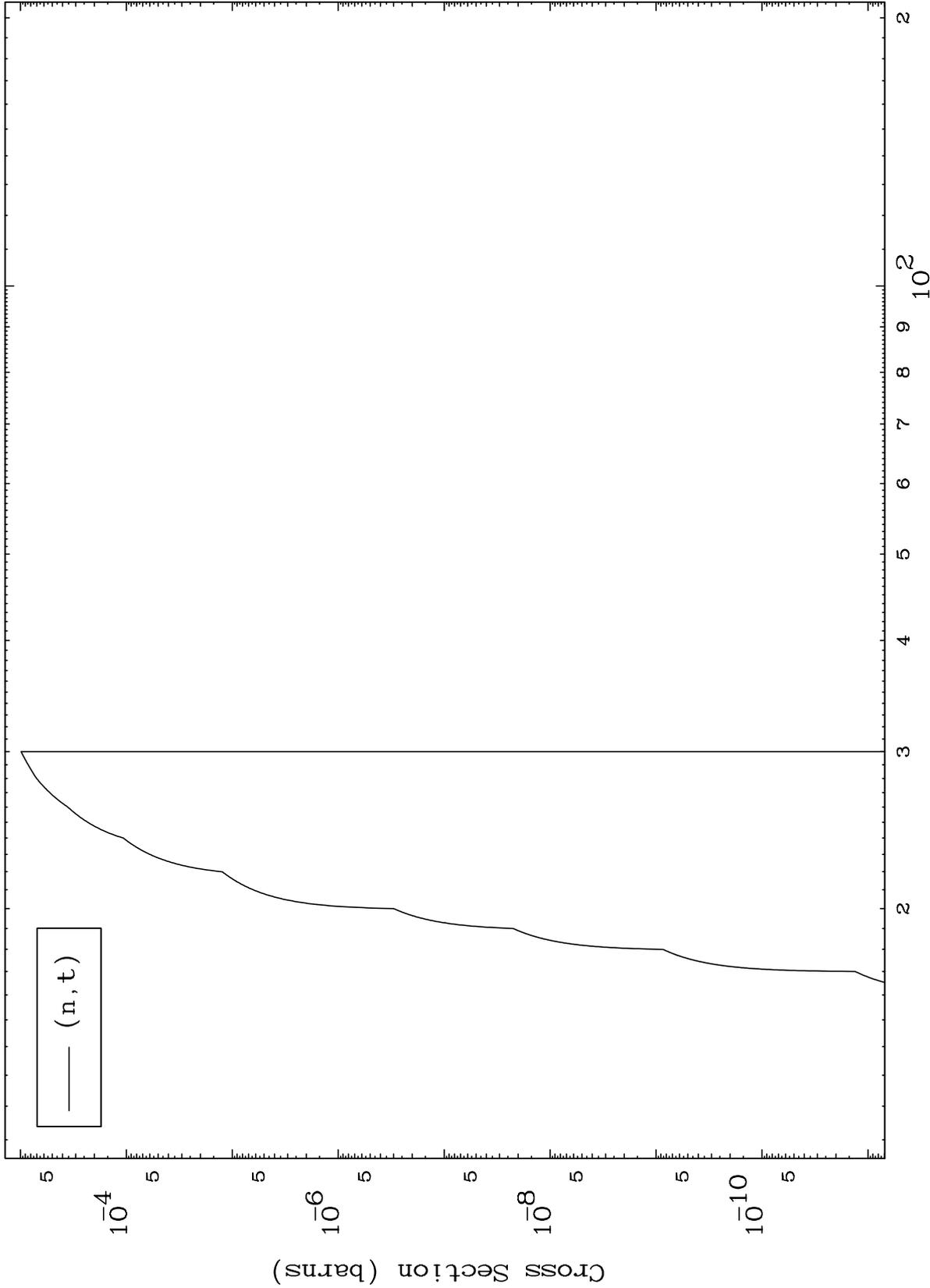
Incident Energy (MeV)

83-Bi-190m

MAT 8269

(p,t) Levels
0 Kelvin Cross Sections

83-Bi-190m

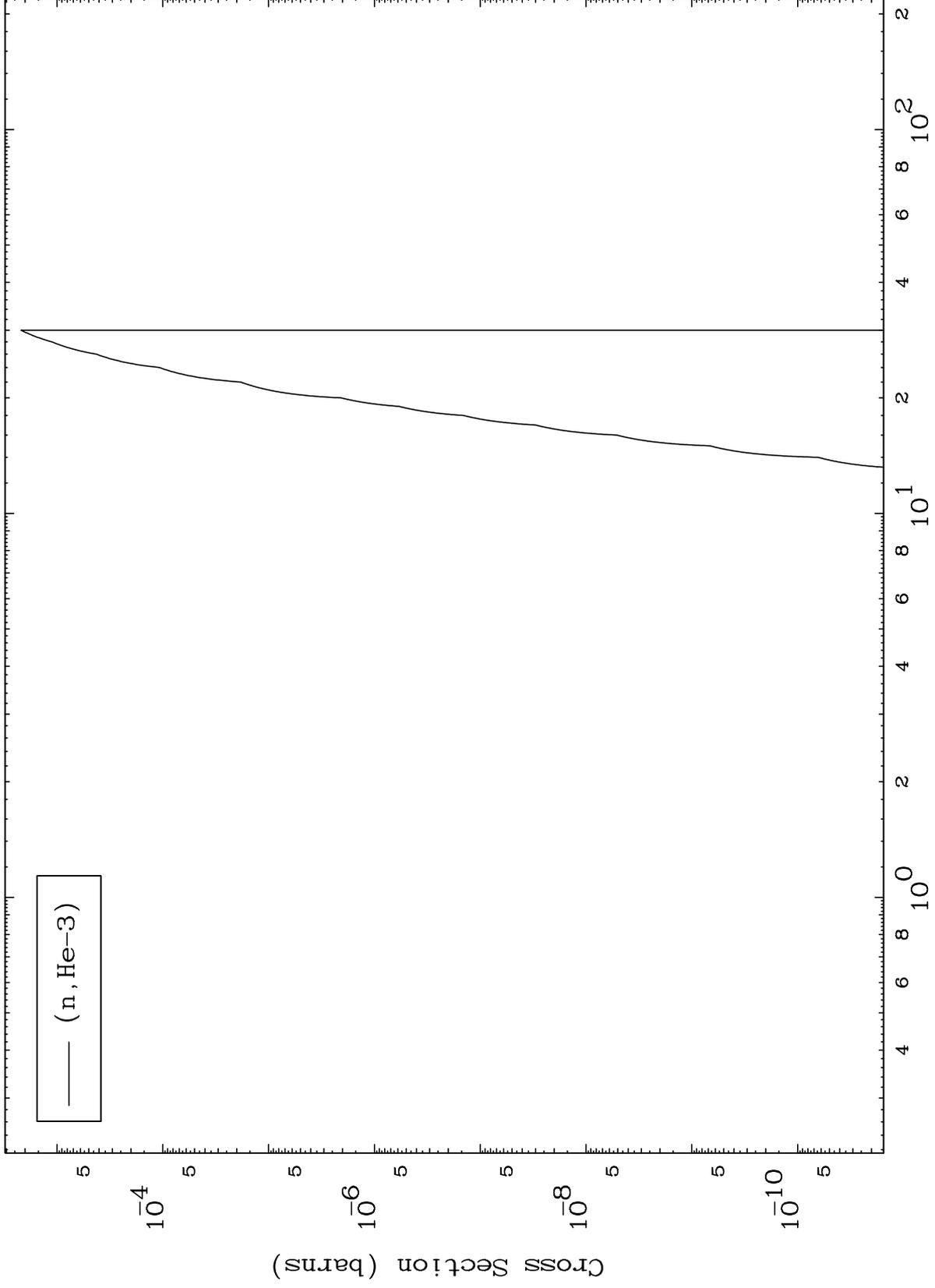


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(p,He3) Levels

83-Bi-190m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

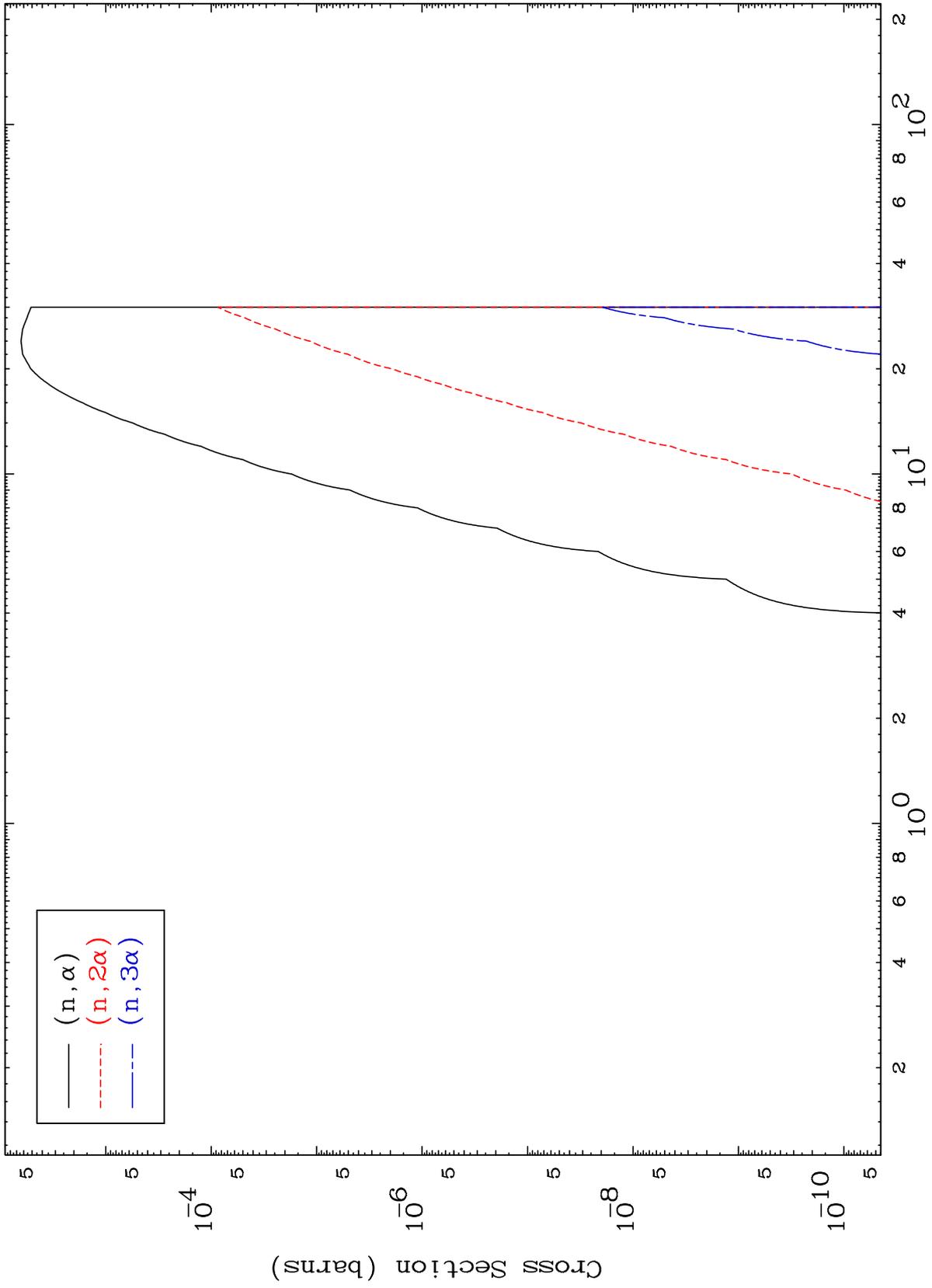
83-Bi-190m

MAT 8269

(p, α) Levels

^{83}Bi -190m

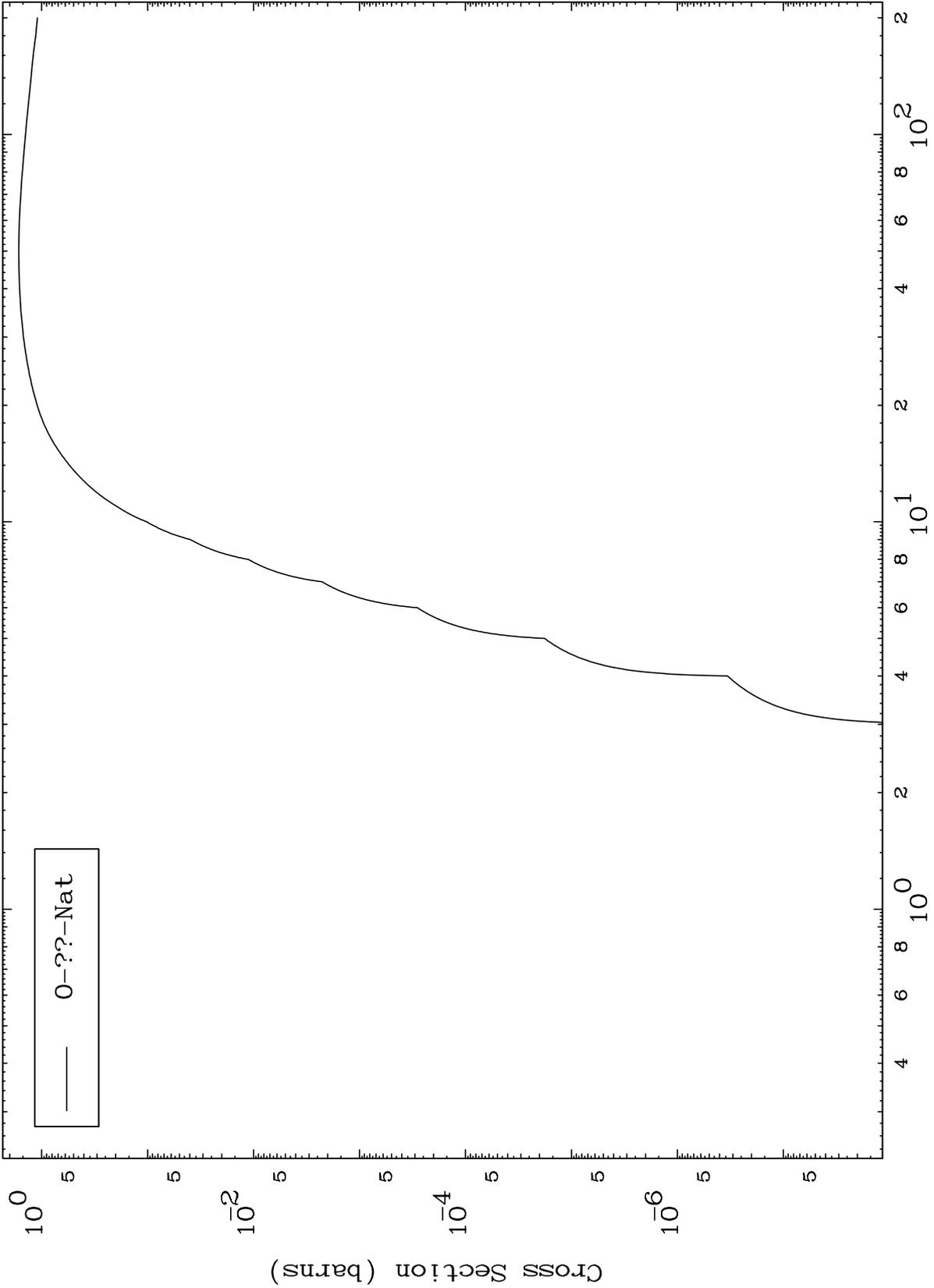
0 Kelvin Cross Sections



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⁸³Bi-190m

Fission
Radionuclide Production Cross Section



⁸³Bi-190m

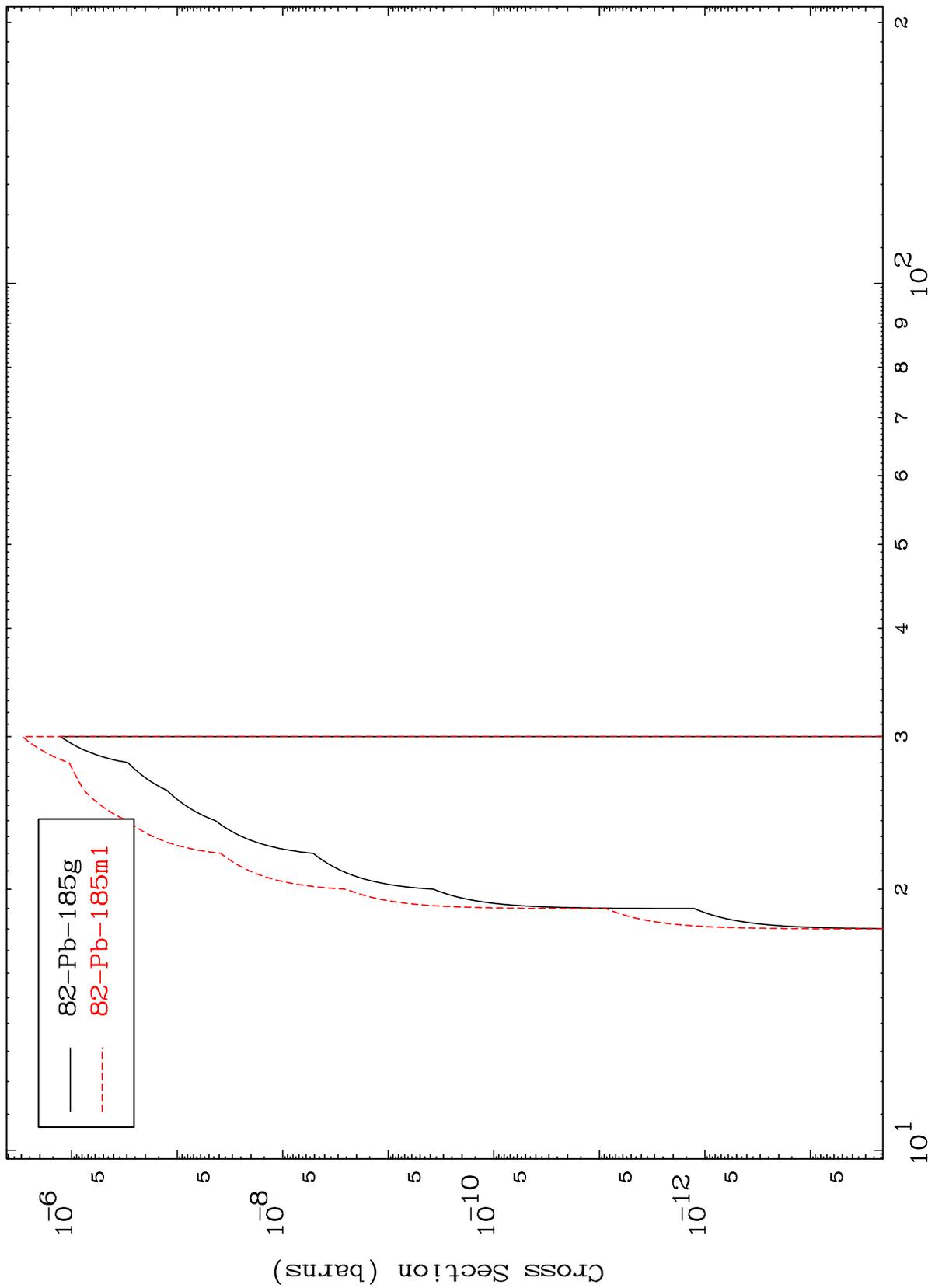
Incident Energy (MeV)

MAT 8269

(n,2n) α

83-Bi-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

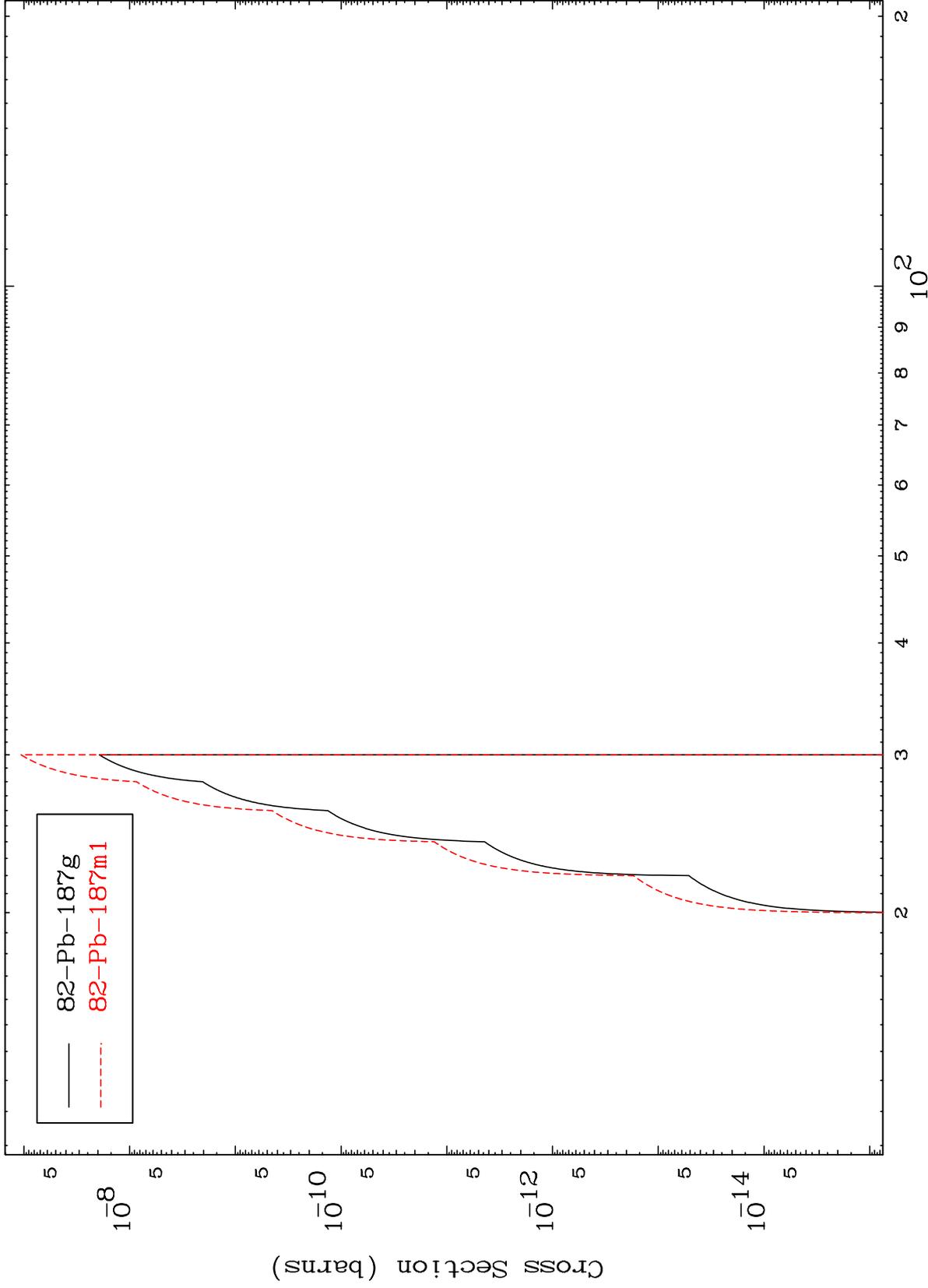
83-Bi-190m

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(n,n') He-3

83-Bi-190m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

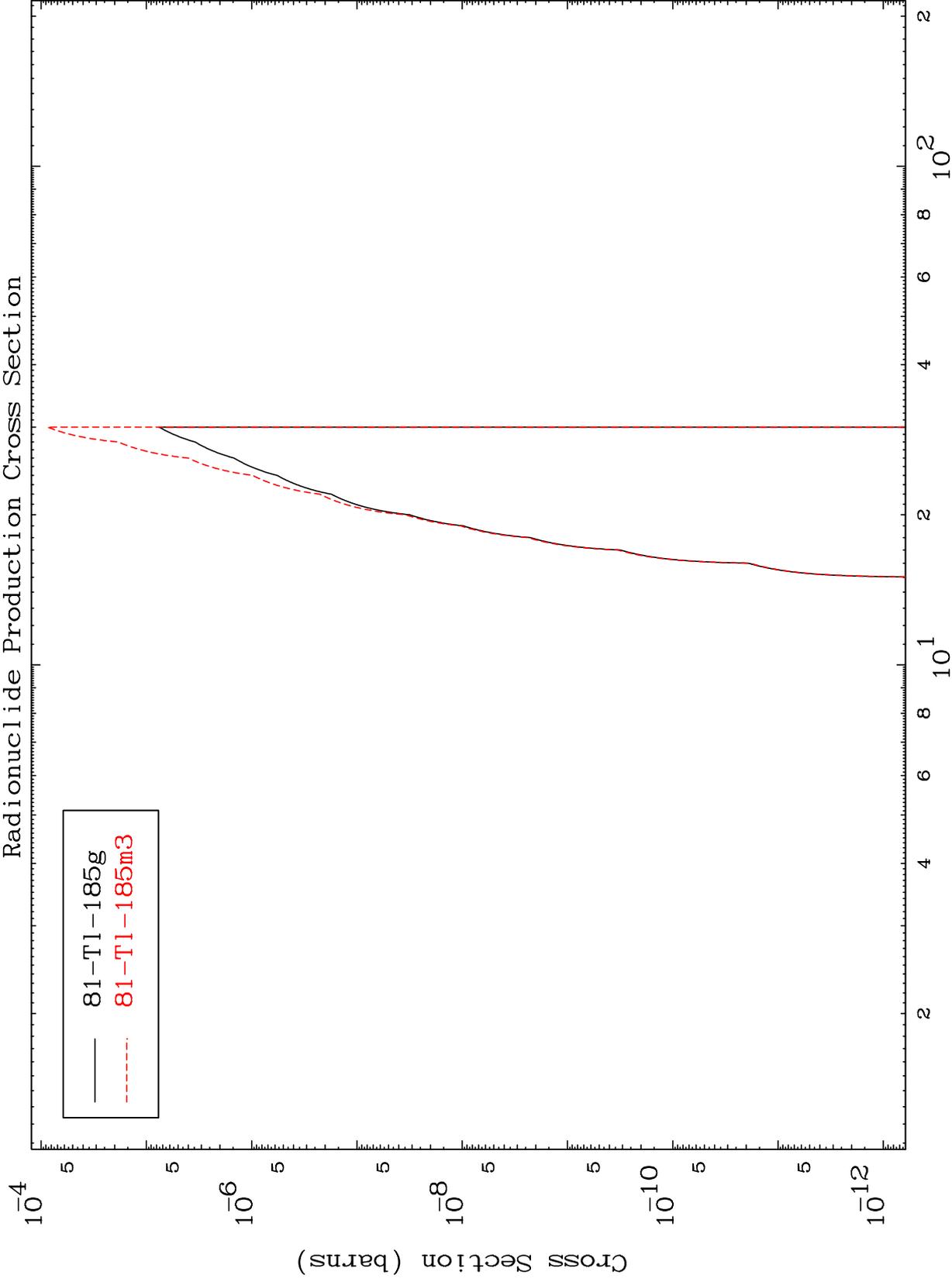
83-Bi-190m

MAT 8269

(n,n') p α

83-Bi-190m

Radionuclide Production Cross Section



15

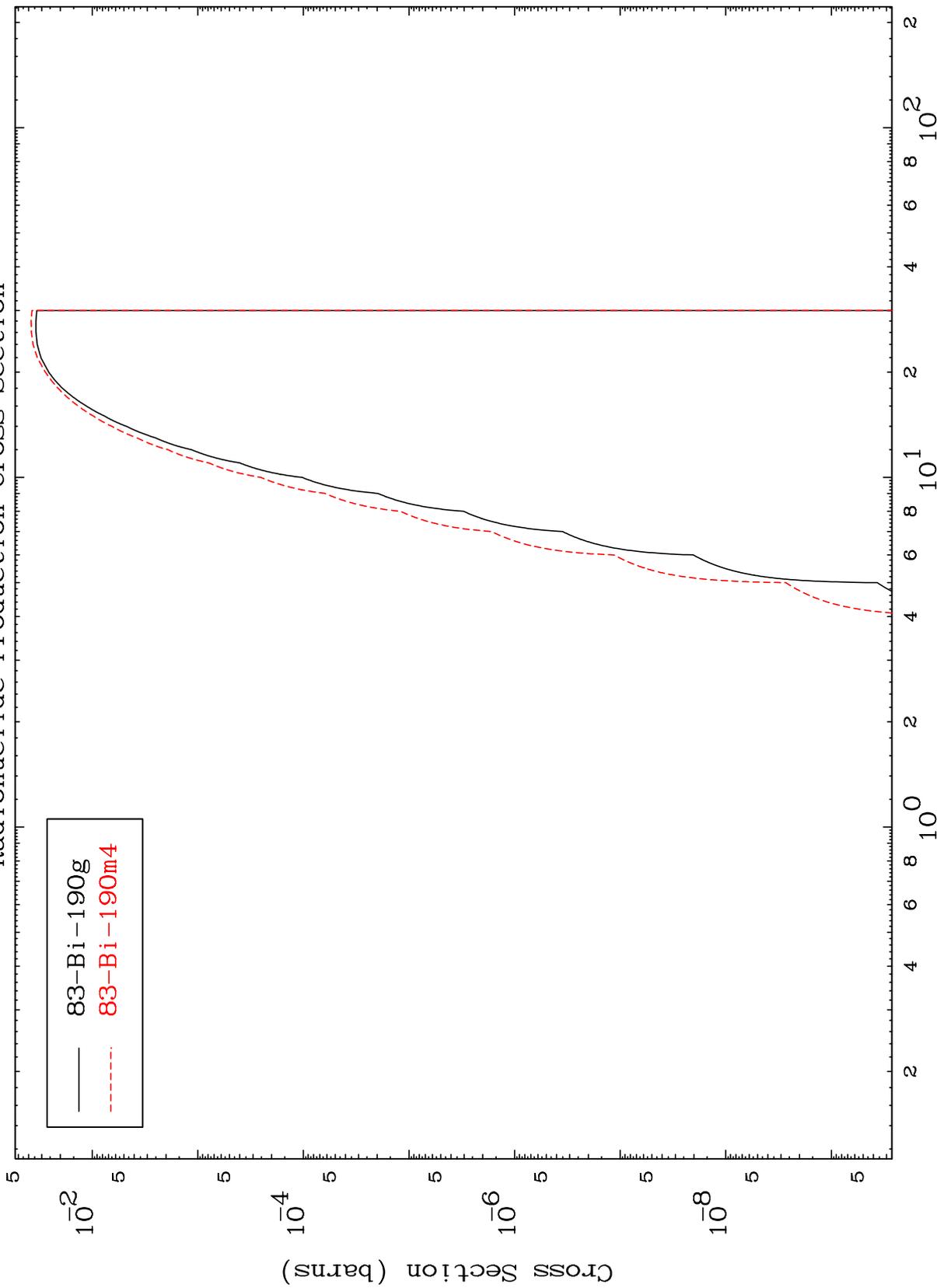
Incident Energy (MeV)

83-Bi-190m

MAT 8269

⁸³Bi-190m

Radionuclide Production Cross Section (n,p)



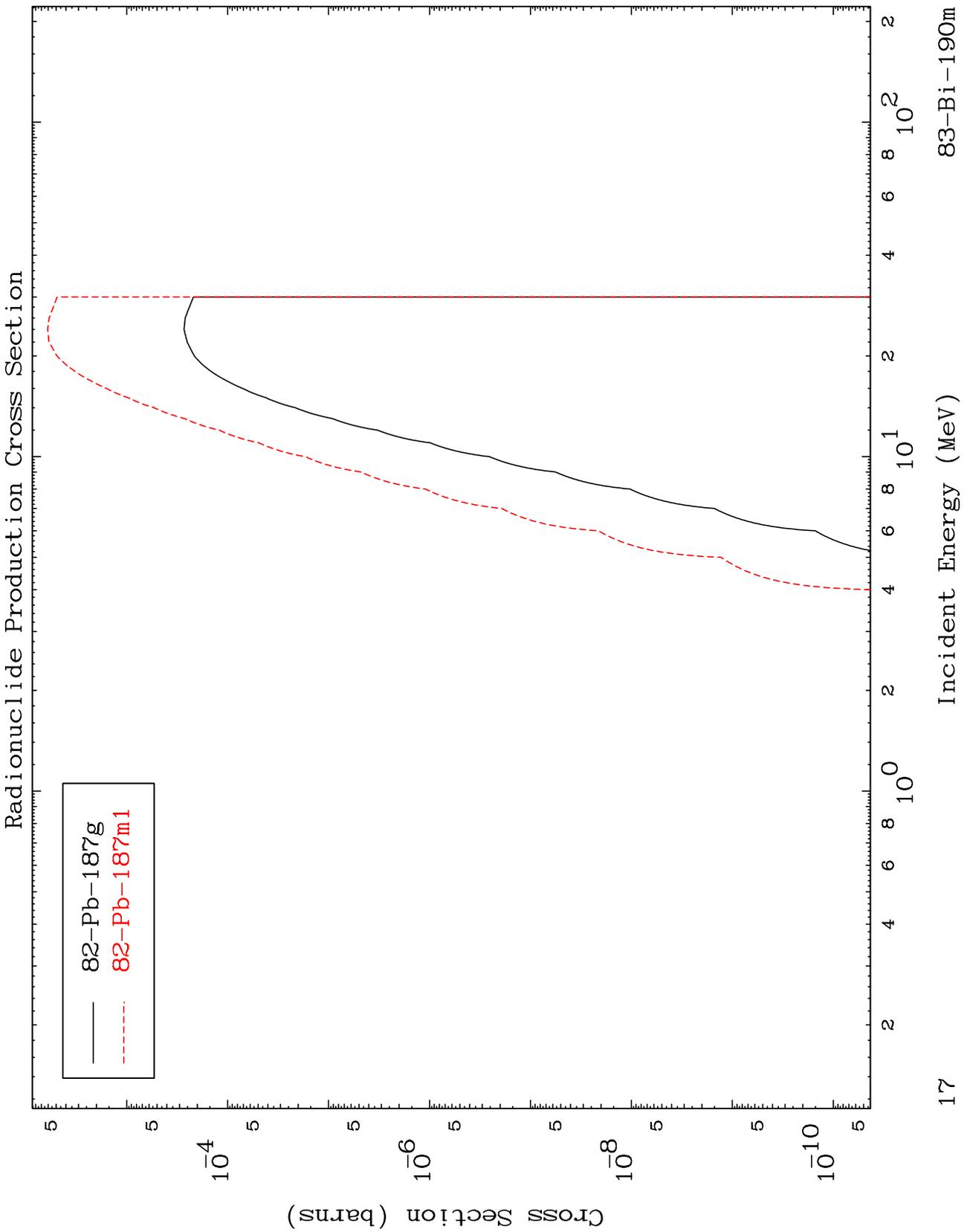
⁸³Bi-190m

Incident Energy (MeV)

16

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⁸³Bi-190m

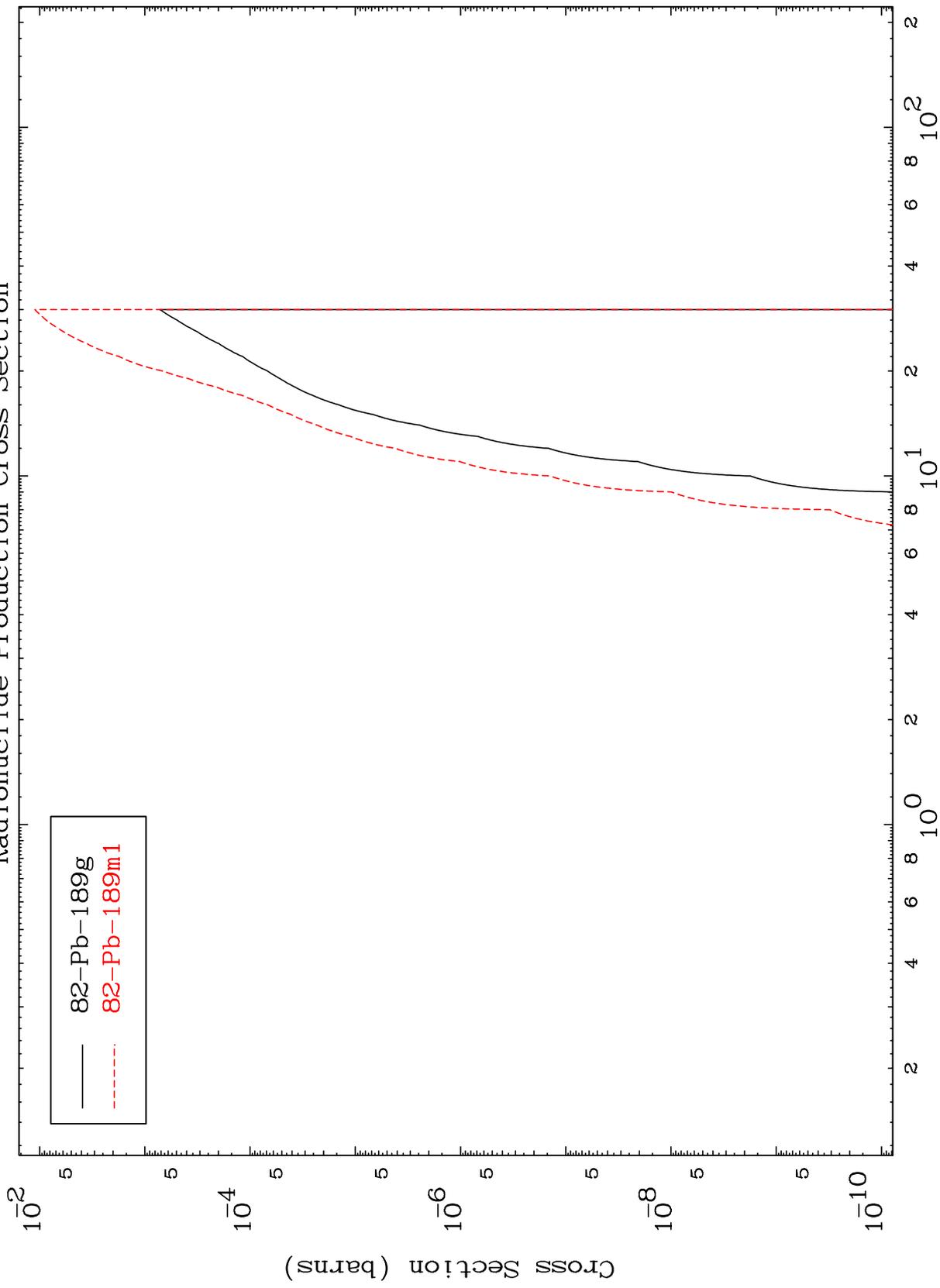


— 82-Pb-187g
- - - 82-Pb-187m1

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

Radionuclide Production Cross Section
(n,2p)



18

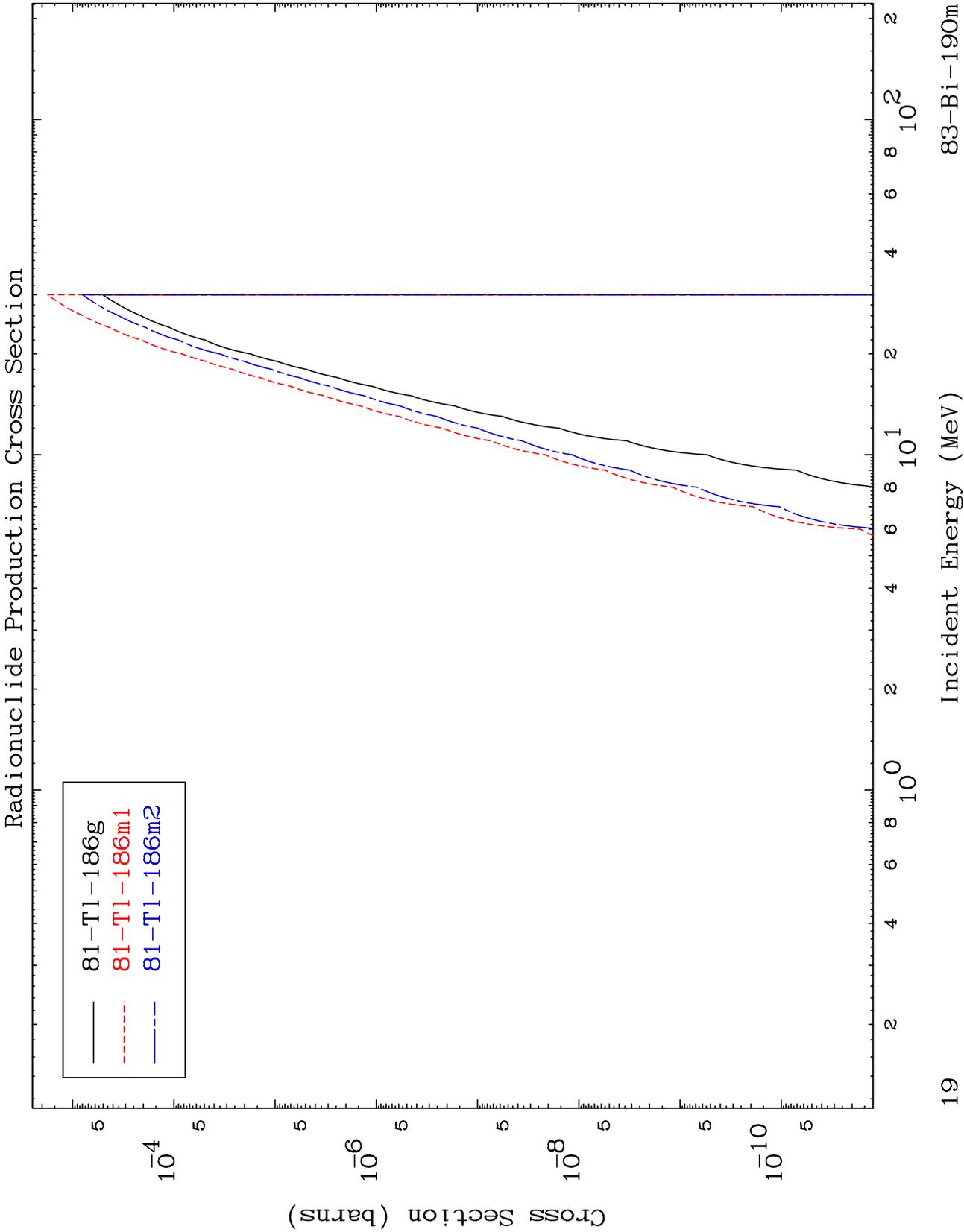
Incident Energy (MeV)

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

MAT 8269

(n,p) α

⁸³Bi-190m

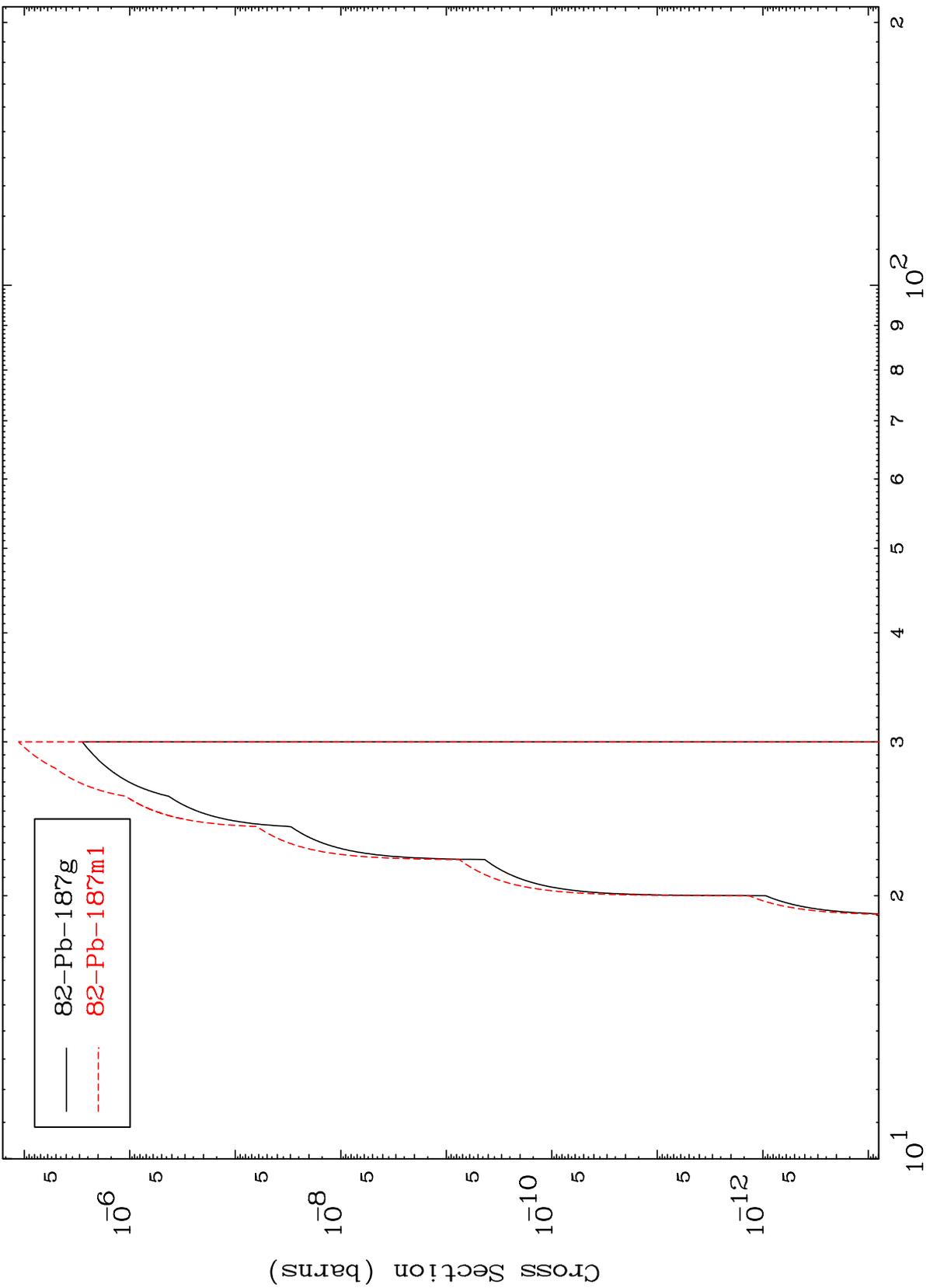


MAT 8269

(n,p) t

83-Bi-190m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190m

MAT 8269

(n,d) α

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

Radionuclide Production Cross Section

