

Program EVALPLOT
(Version 2017-1)

by

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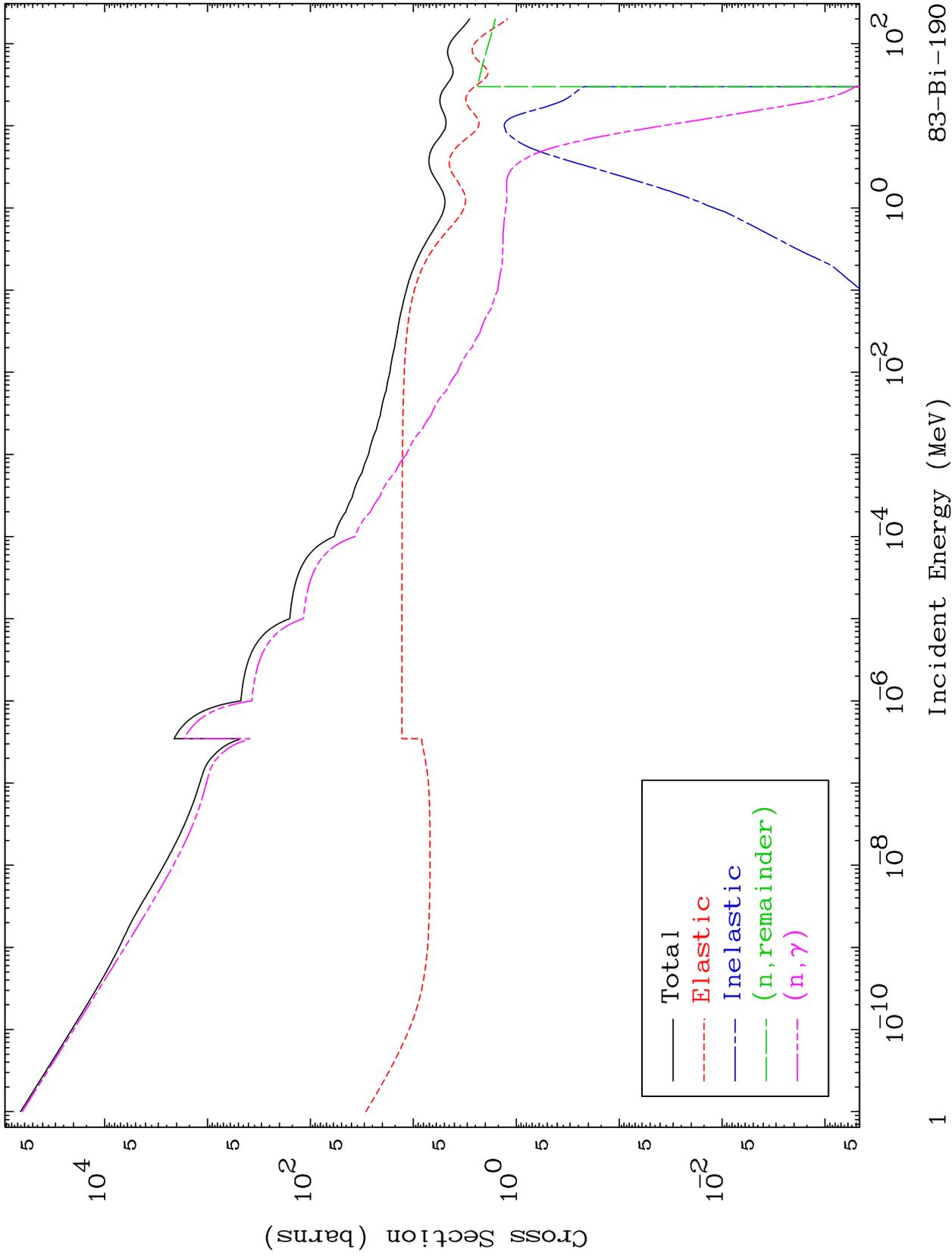
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Press Mouse Button to Start

MAT 8269

Major
293 Kelvin Cross Sections

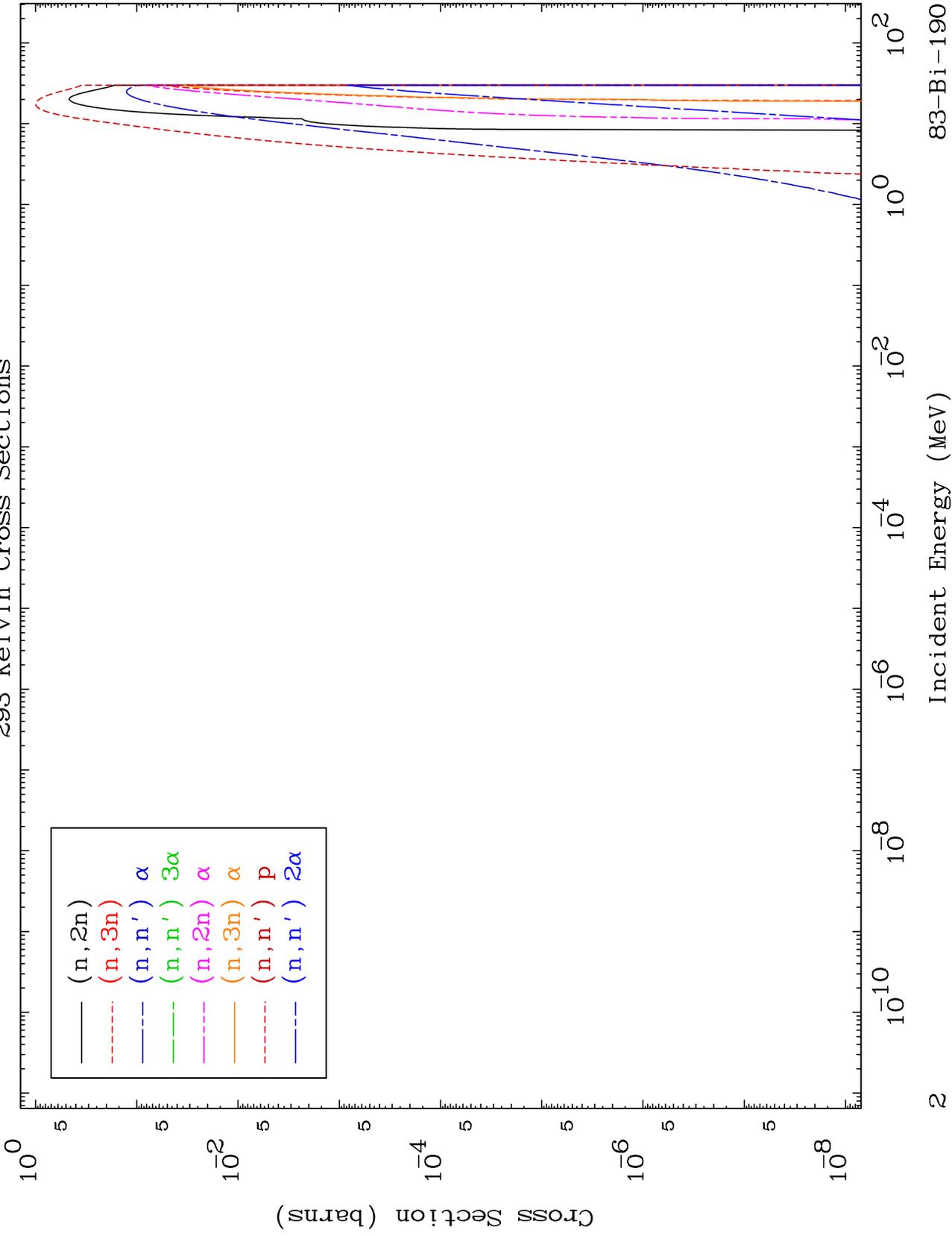
83-Bi-190



MAT 8269

Neutron Production
293 Kelvin Cross Sections

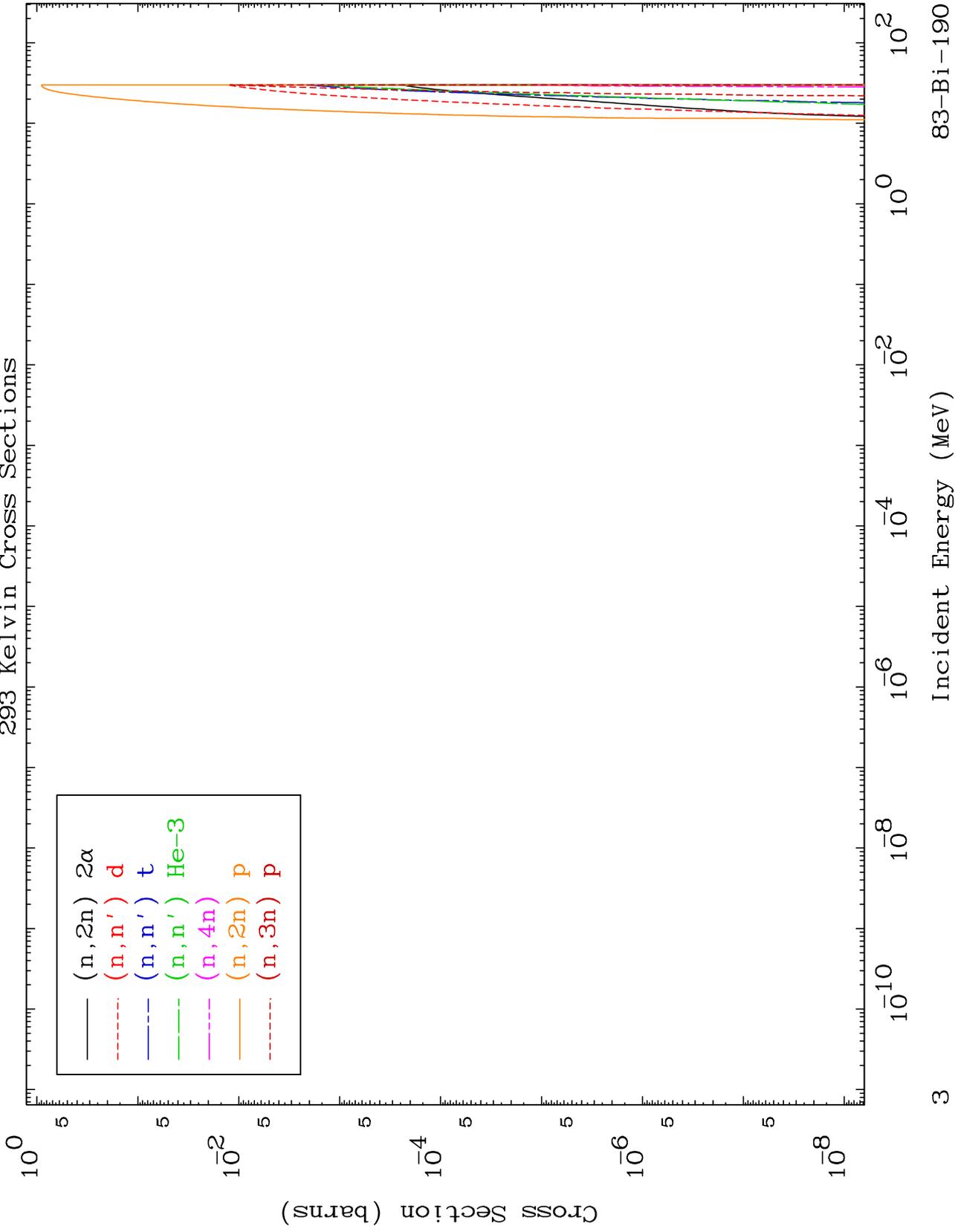
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MAT 8269

Neutron Production
293 Kelvin Cross Sections

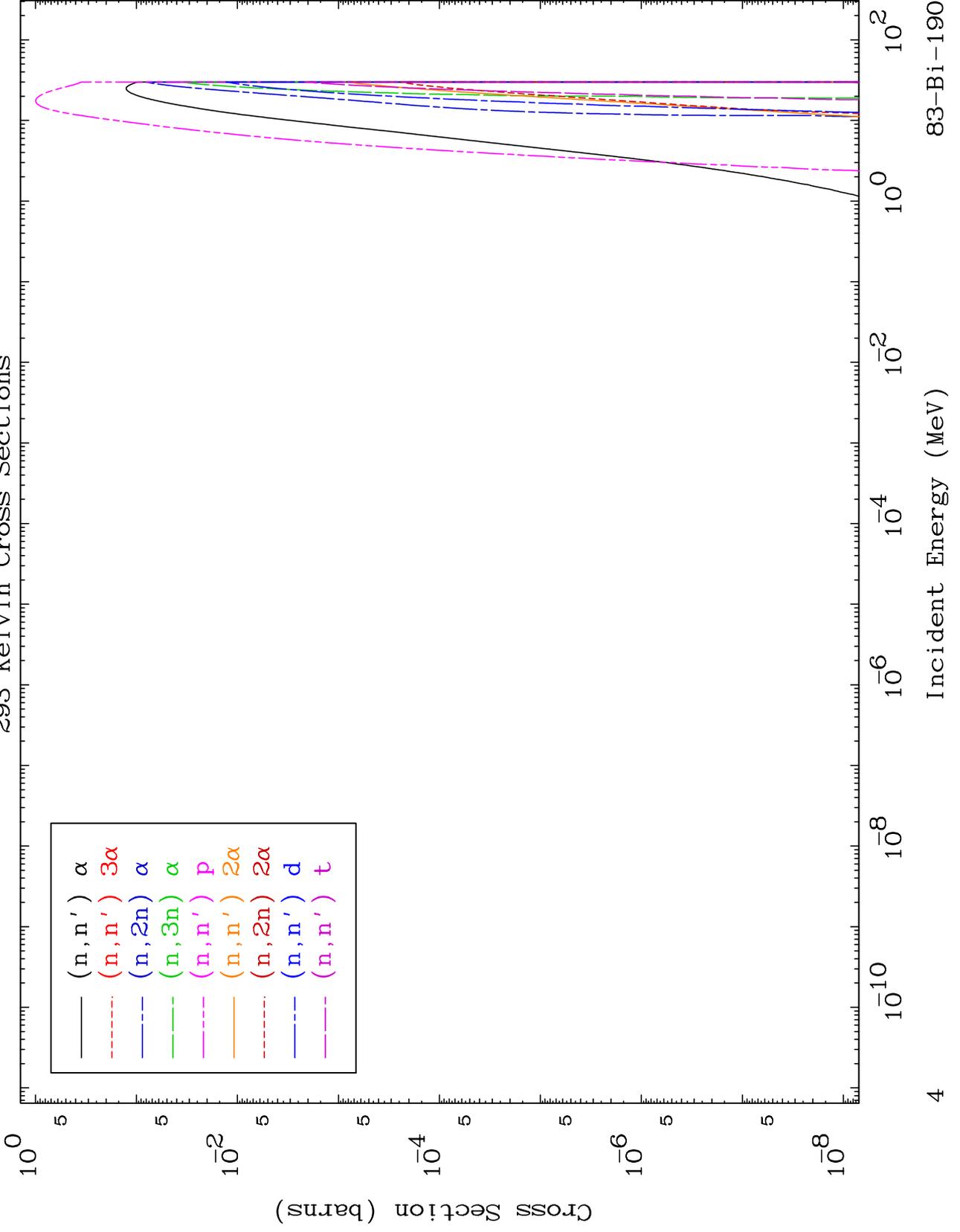
83-Bi-190



MAT 8269

Charged Particle
293 Kelvin Cross Sections

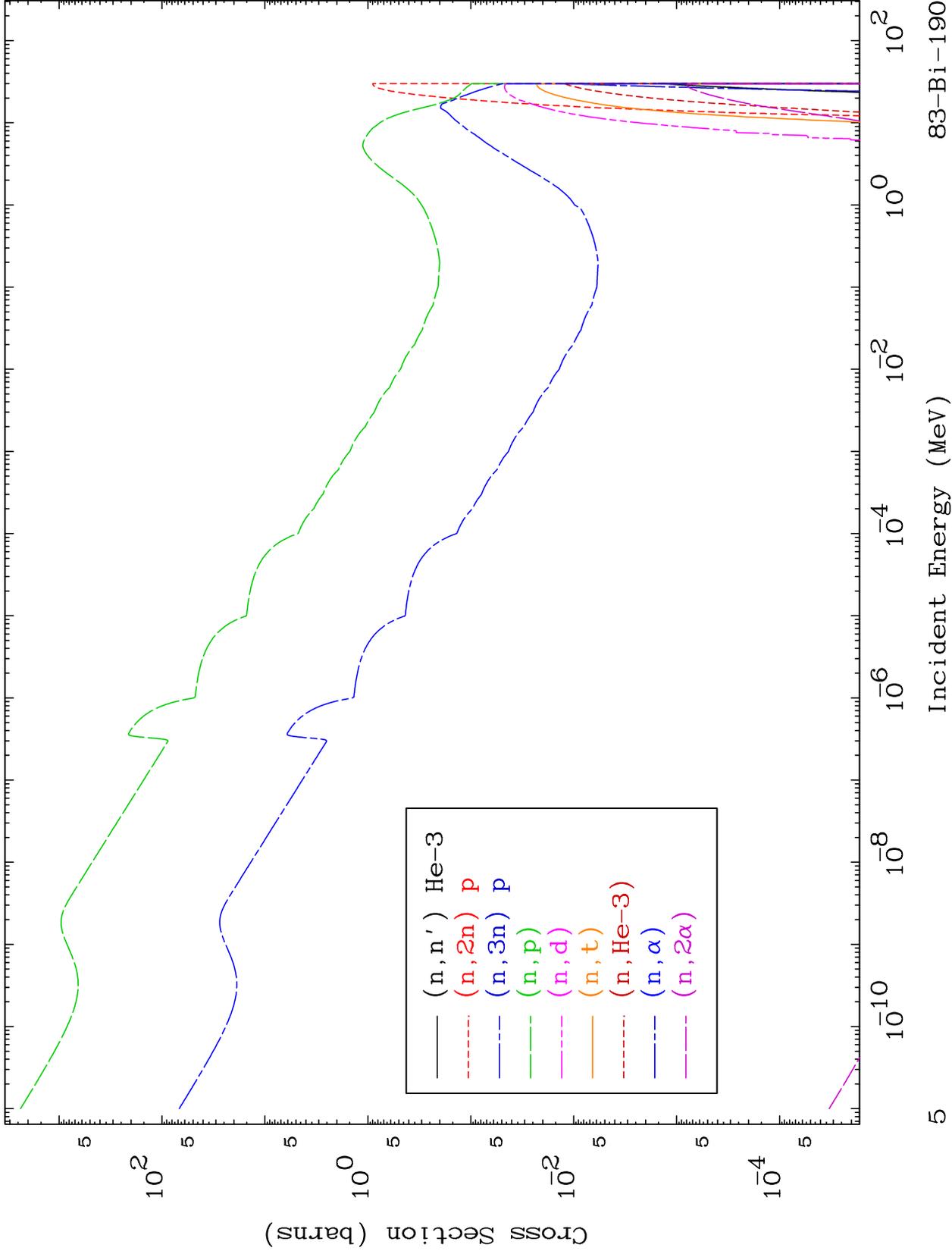
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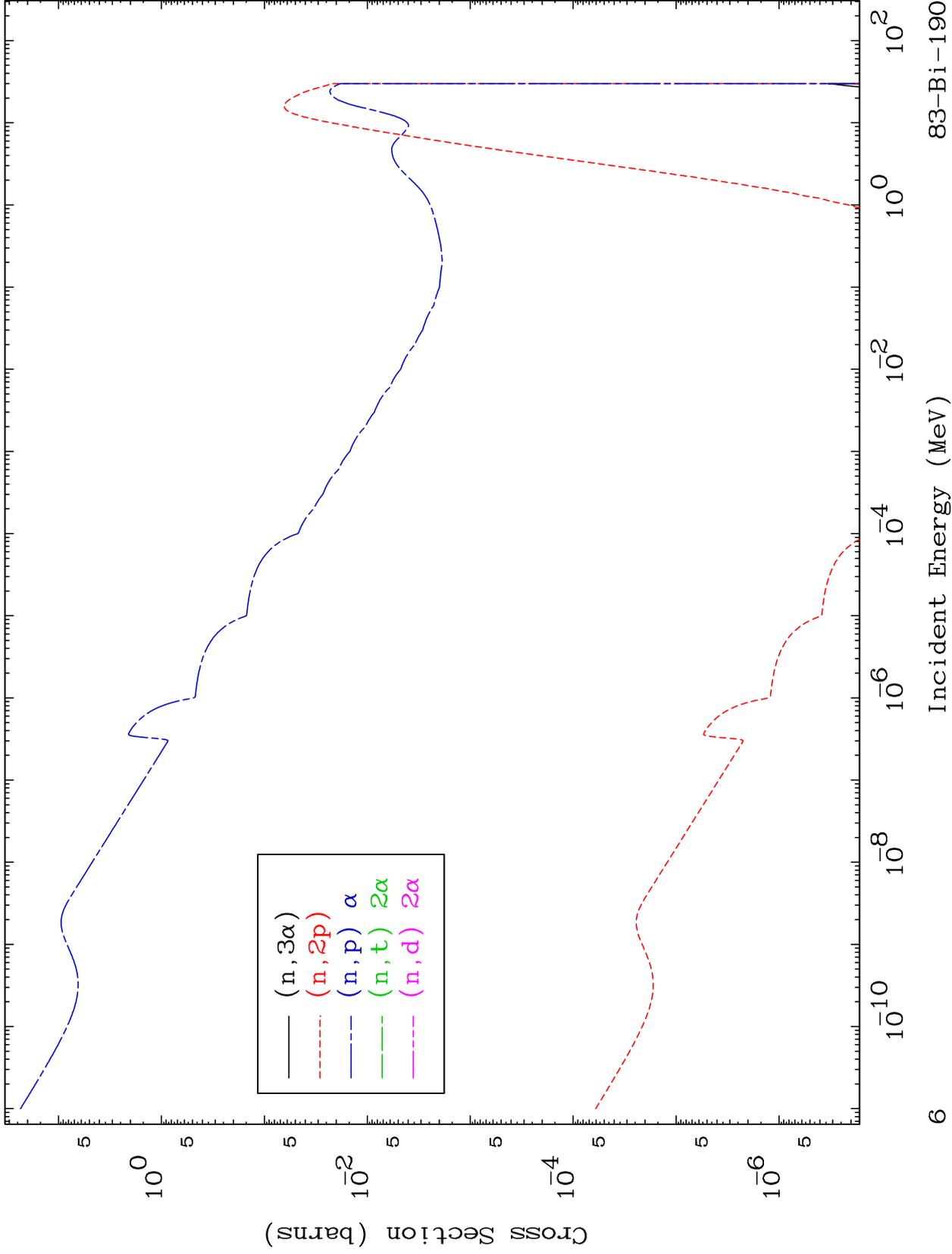
MAT 8269

Charged Particle
293 Kelvin Cross Sections

83-Bi-190



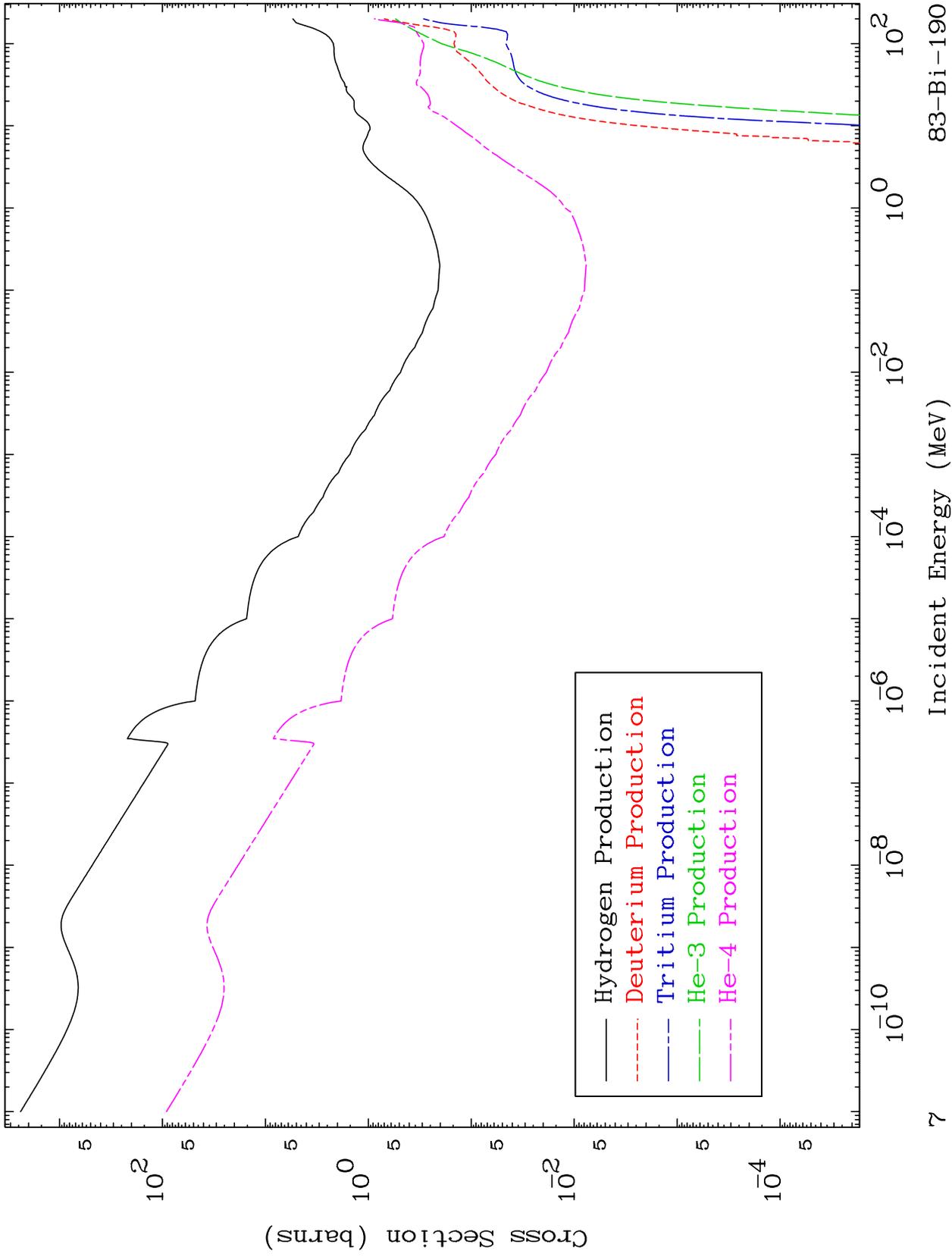
5



MAT 8269

Particle Production
293 Kelvin Cross Sections

83-Bi-190

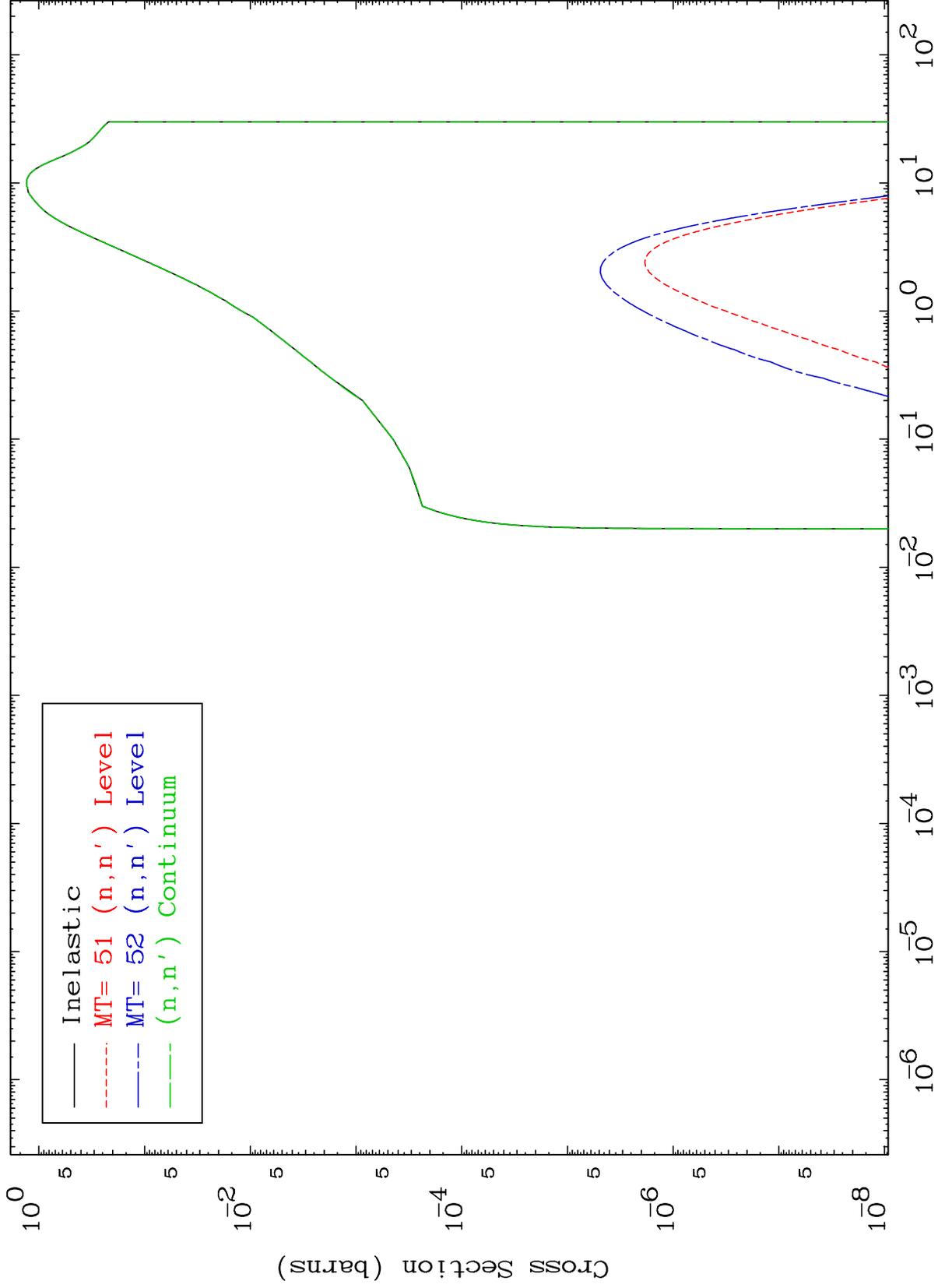


MAT 8269

(n,n') Level

83-Bi-190

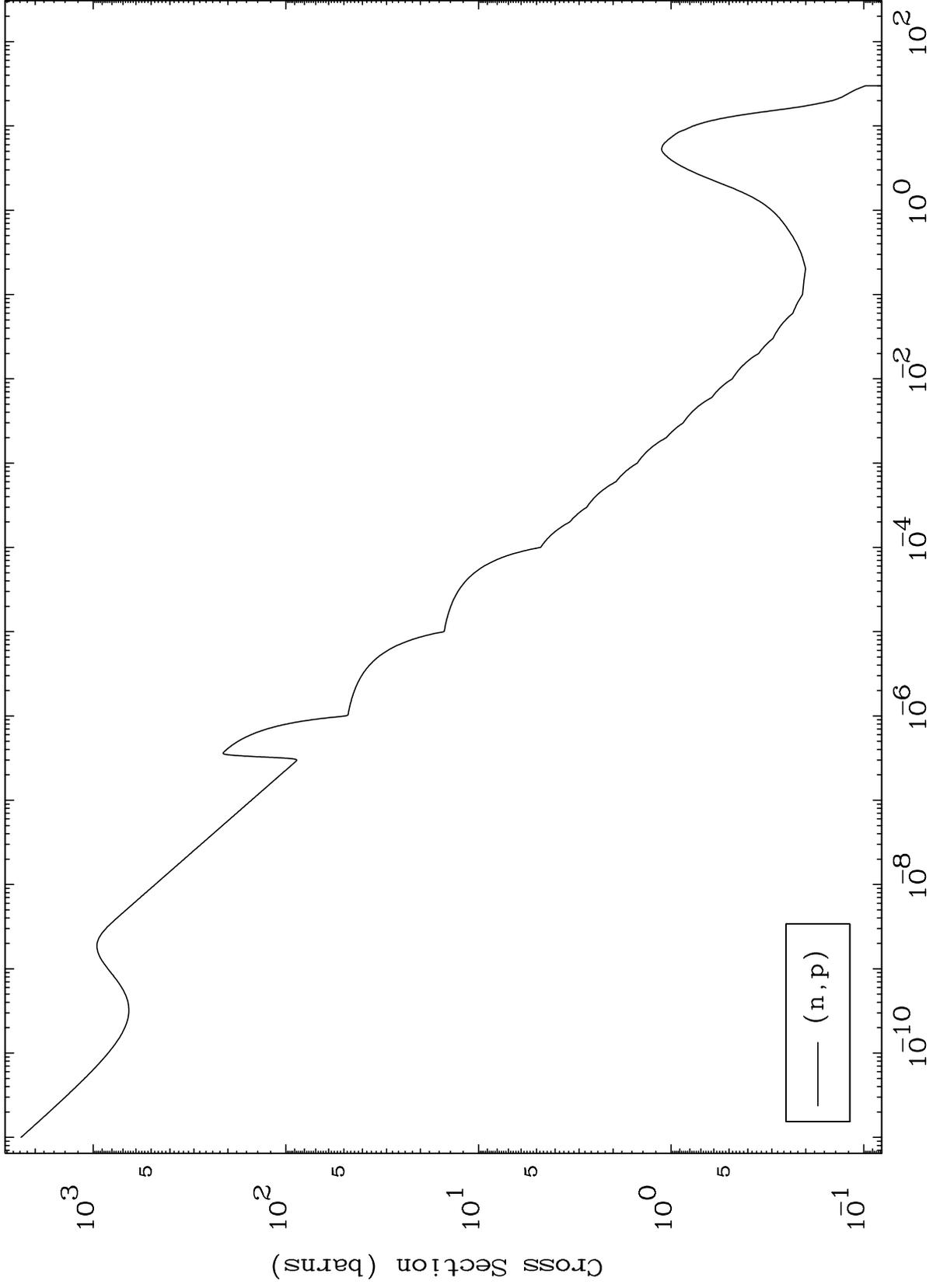
293 Kelvin Cross Sections



MAT 8269

(n,p) Levels
293 Kelvin Cross Sections

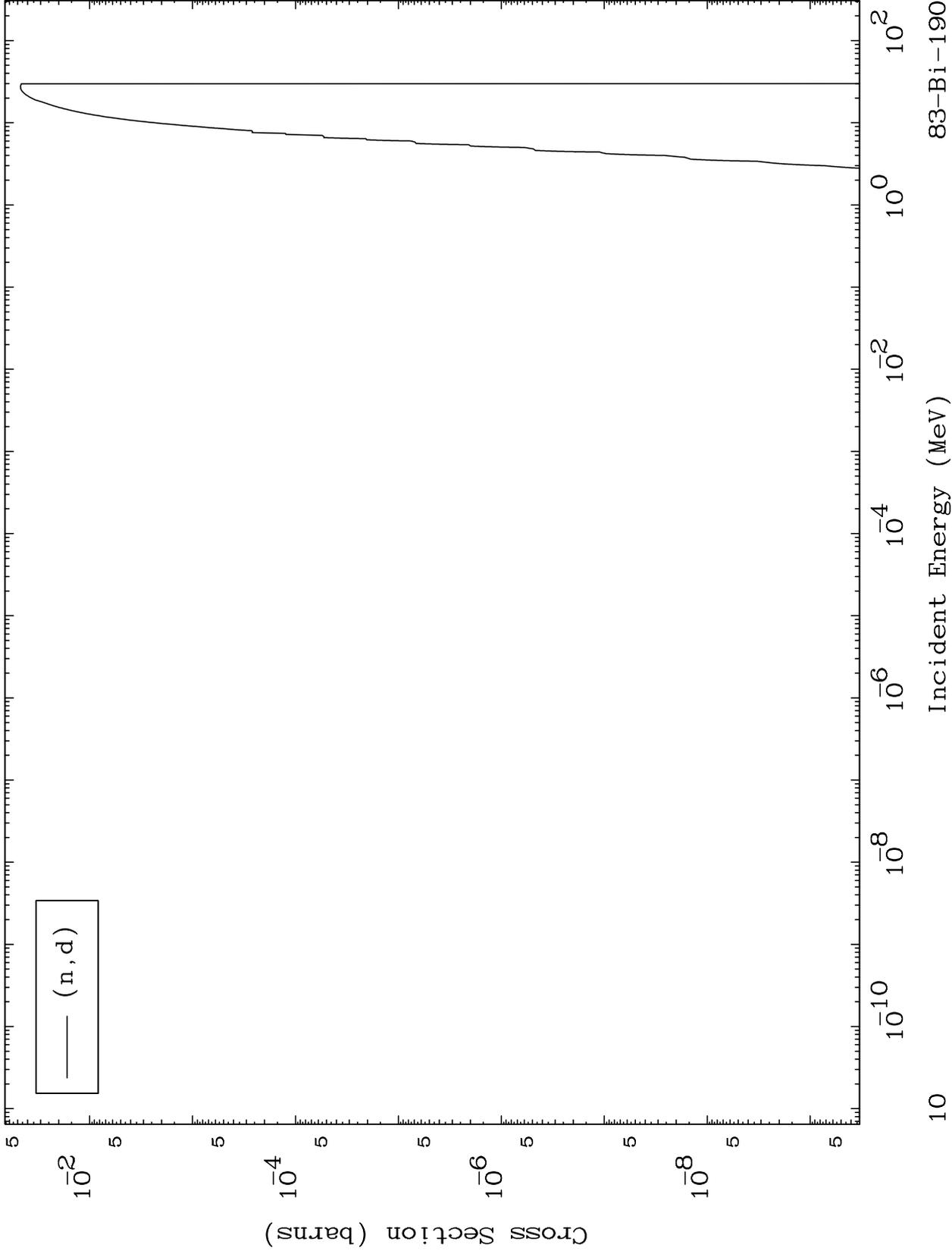
83-Bi-190



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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-190



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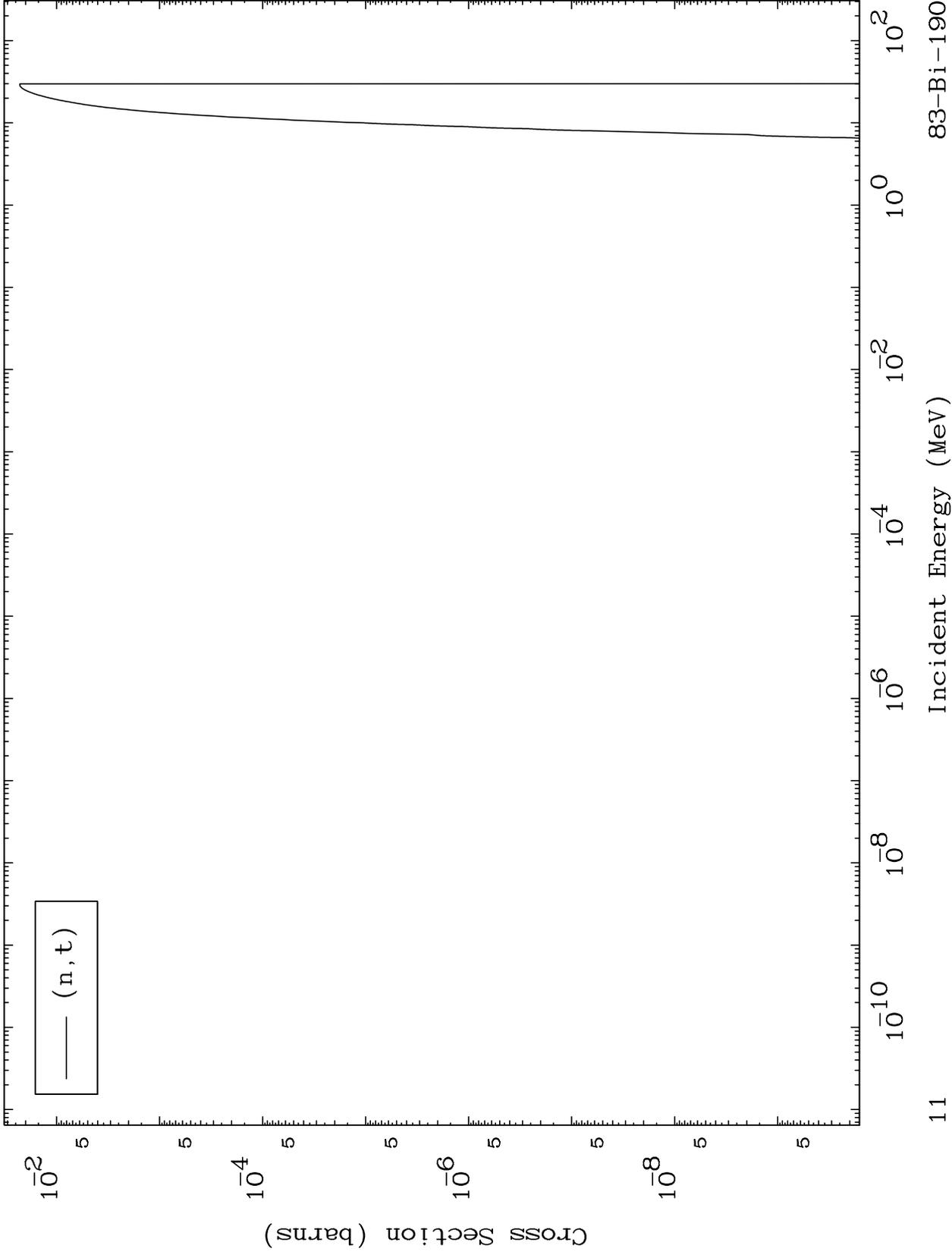
Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,t) Levels
293 Kelvin Cross Sections

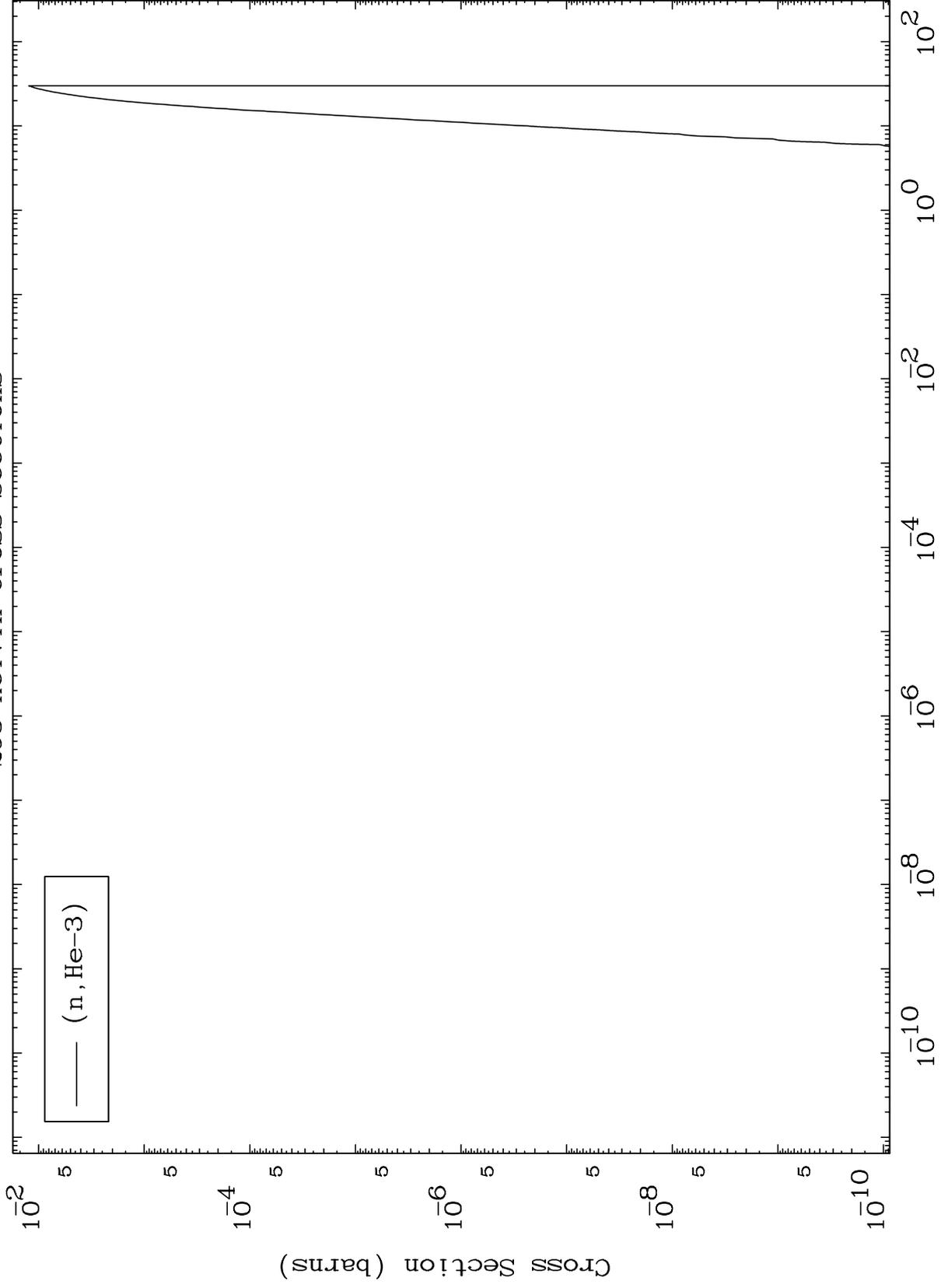
83-Bi-190



MAT 8269

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-190



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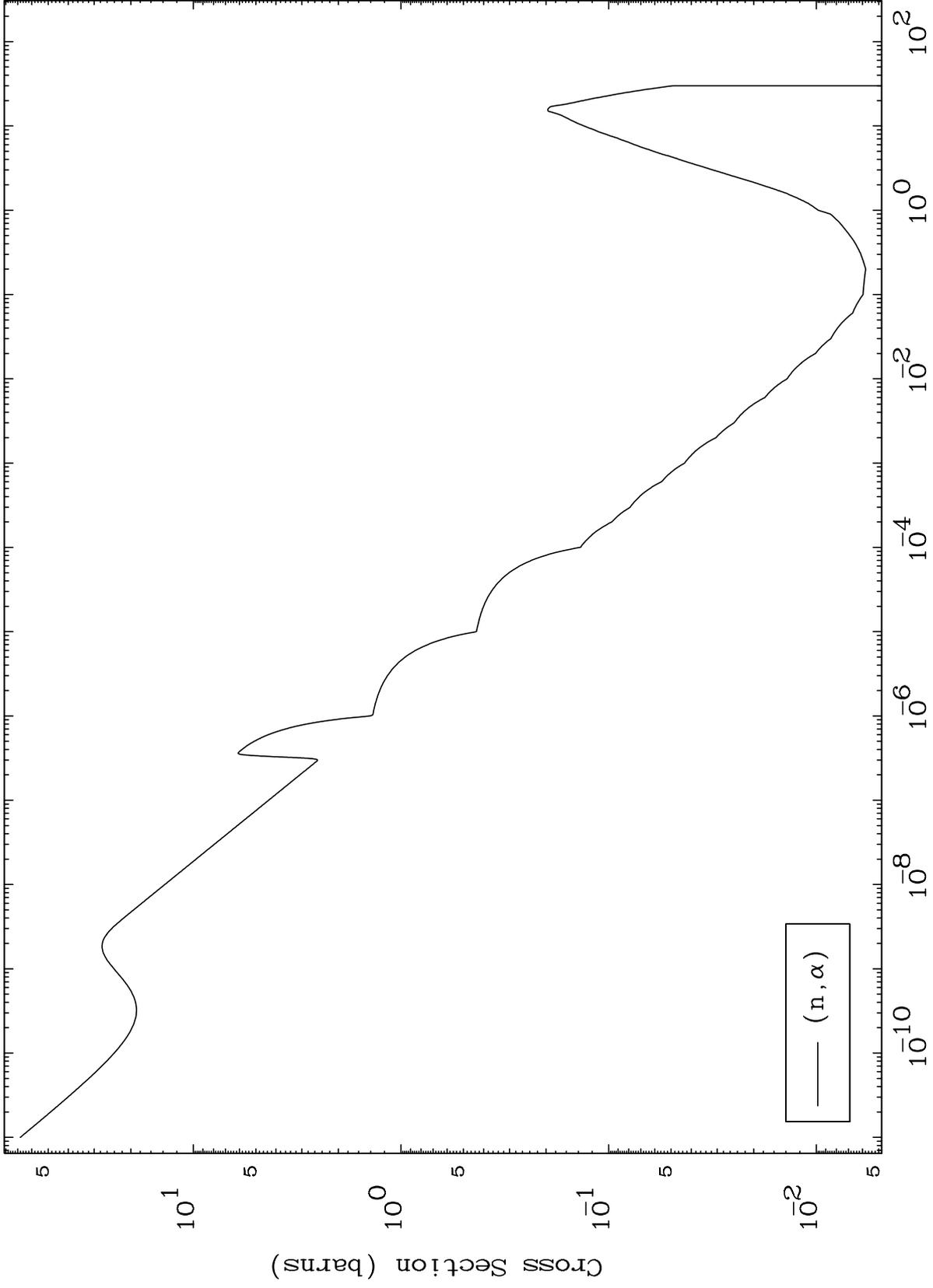
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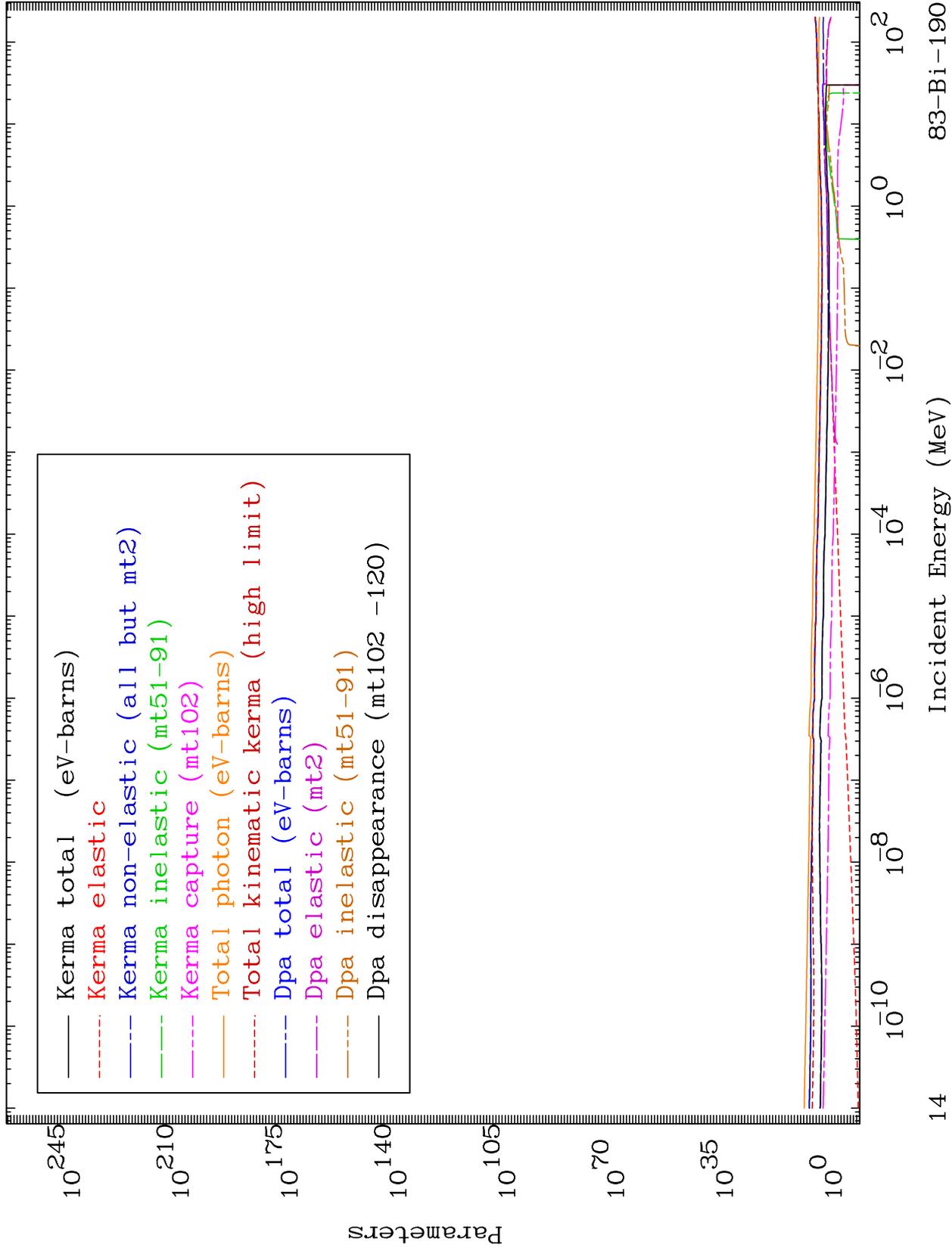
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(n,α) Levels
293 Kelvin Cross Sections

83-Bi-190

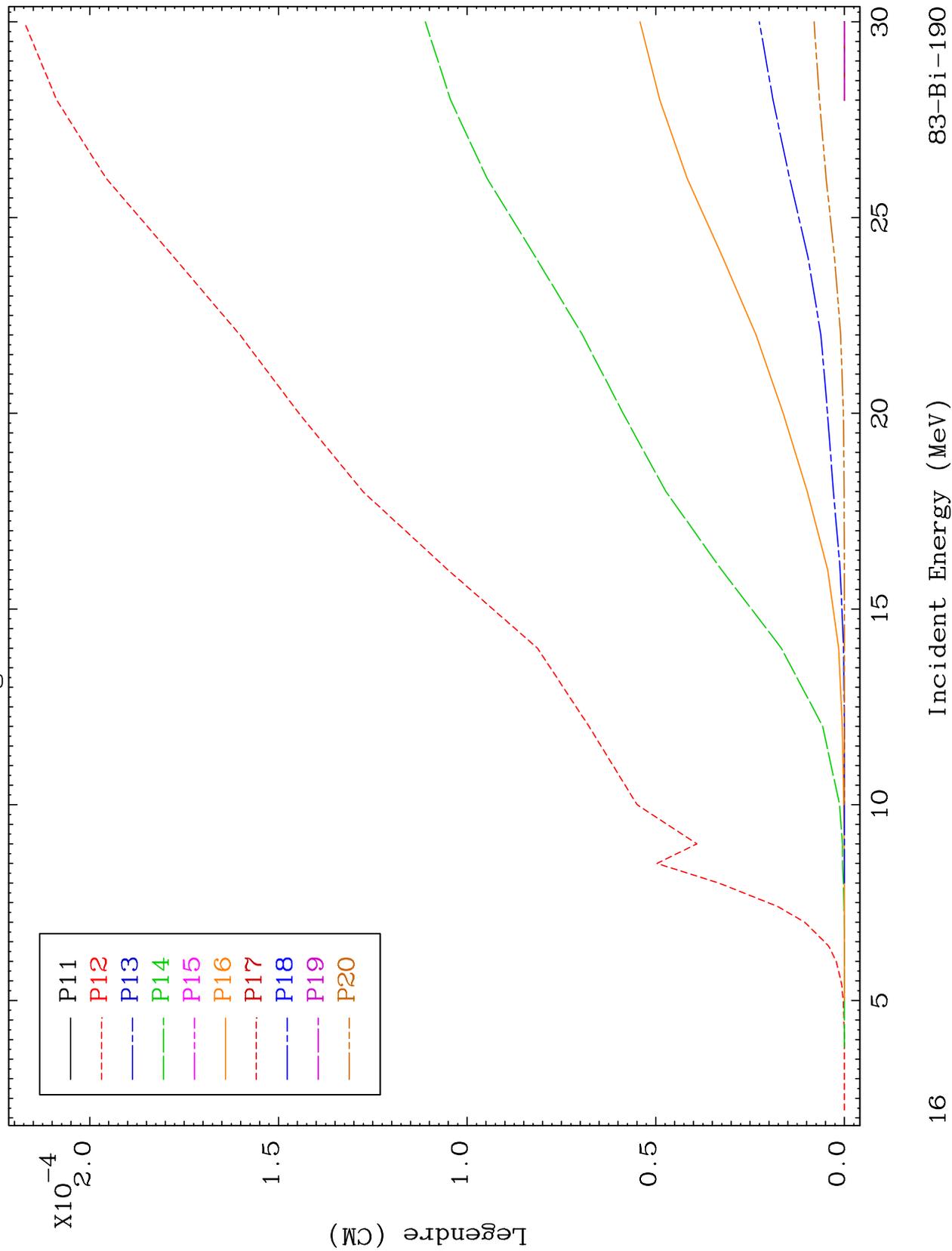




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Elastic Legendre Coefficients

83-Bi-190

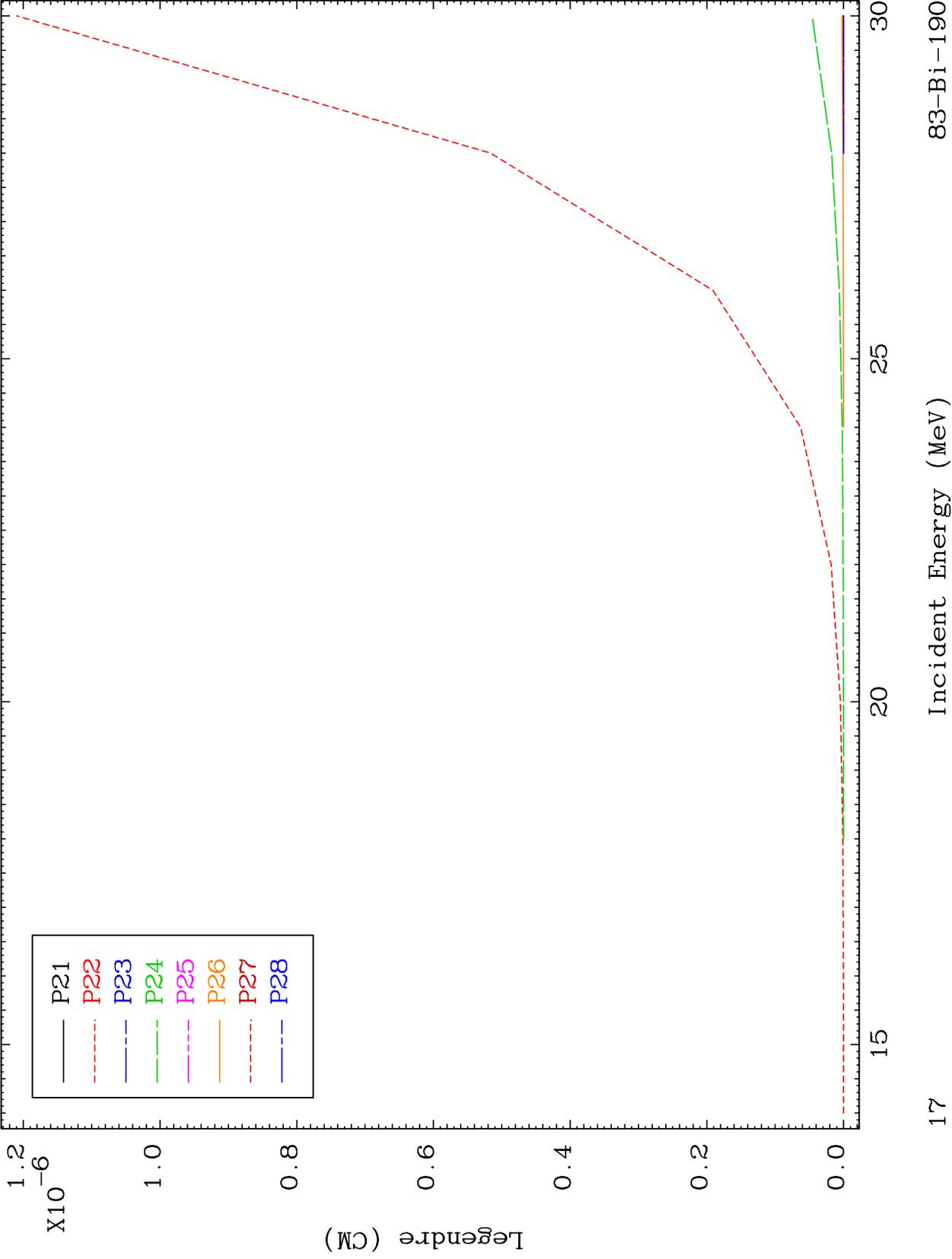


16

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Elastic
Legendre Coefficients

83-Bi-190



17

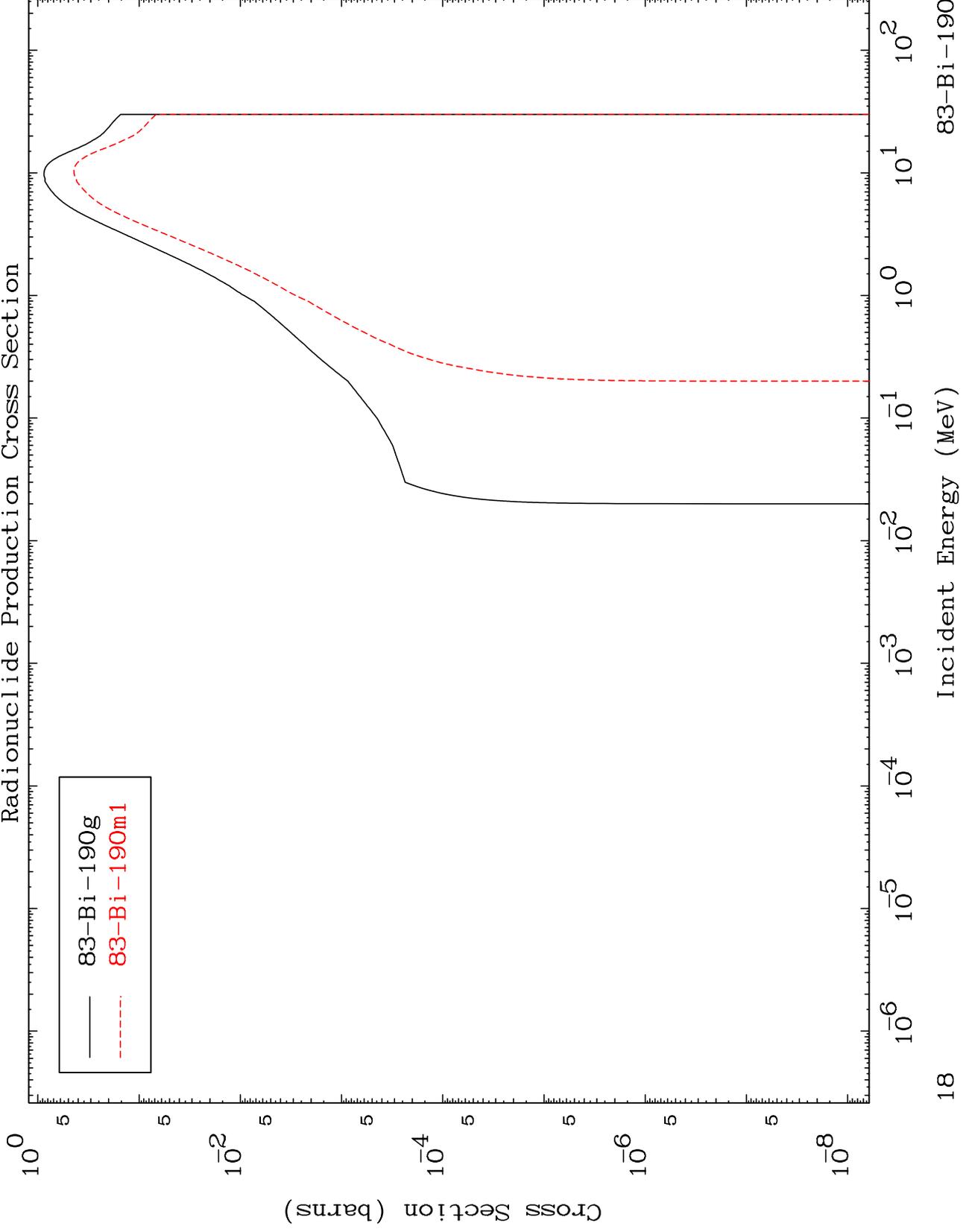
Incident Energy (MeV)

83-Bi-190

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Inelastic
Radionuclide Production Cross Section

83-Bi-190

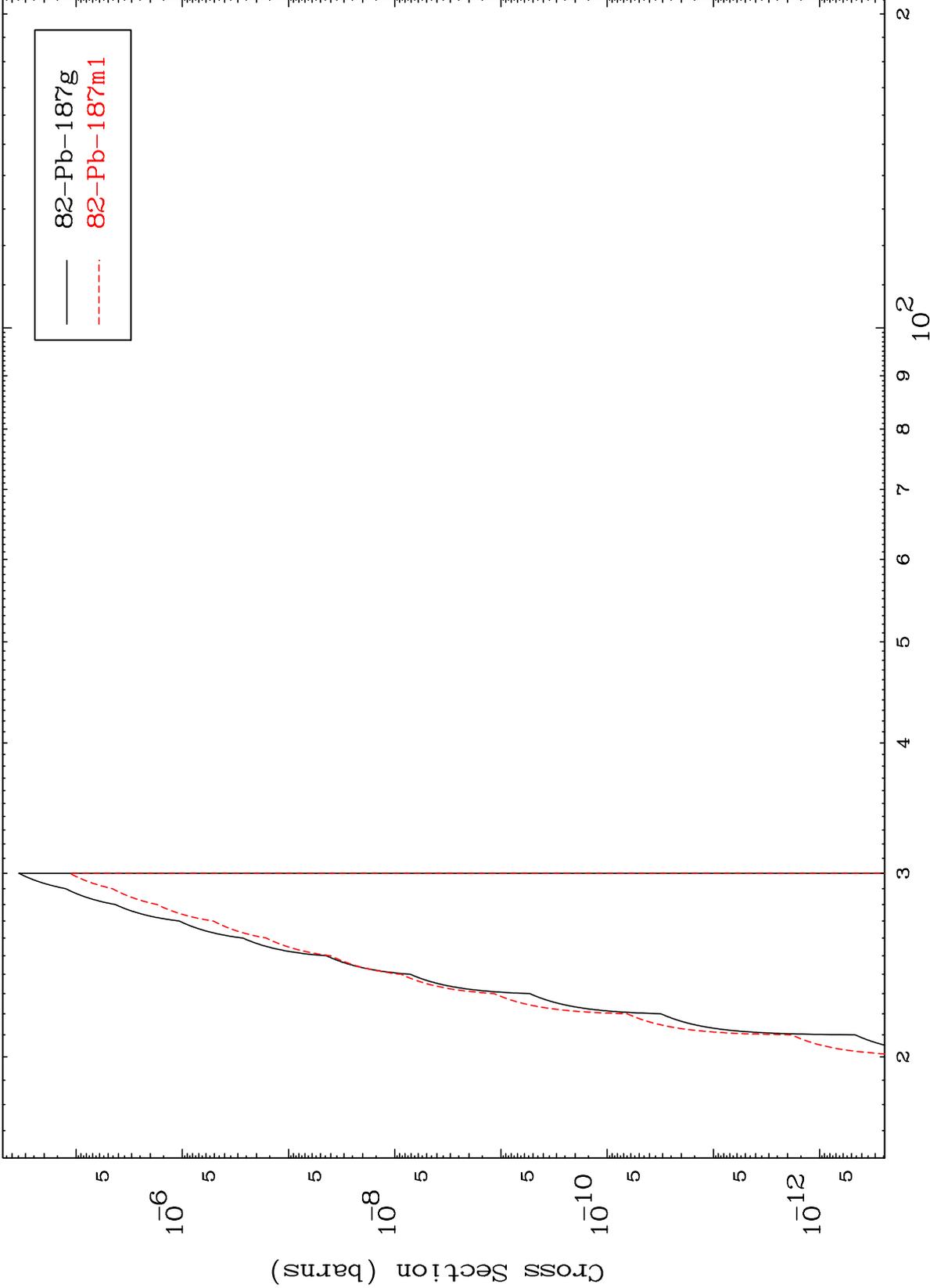


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(n,2n) d

83-Bi-190

Radionuclide Production Cross Section



19

Incident Energy (MeV)

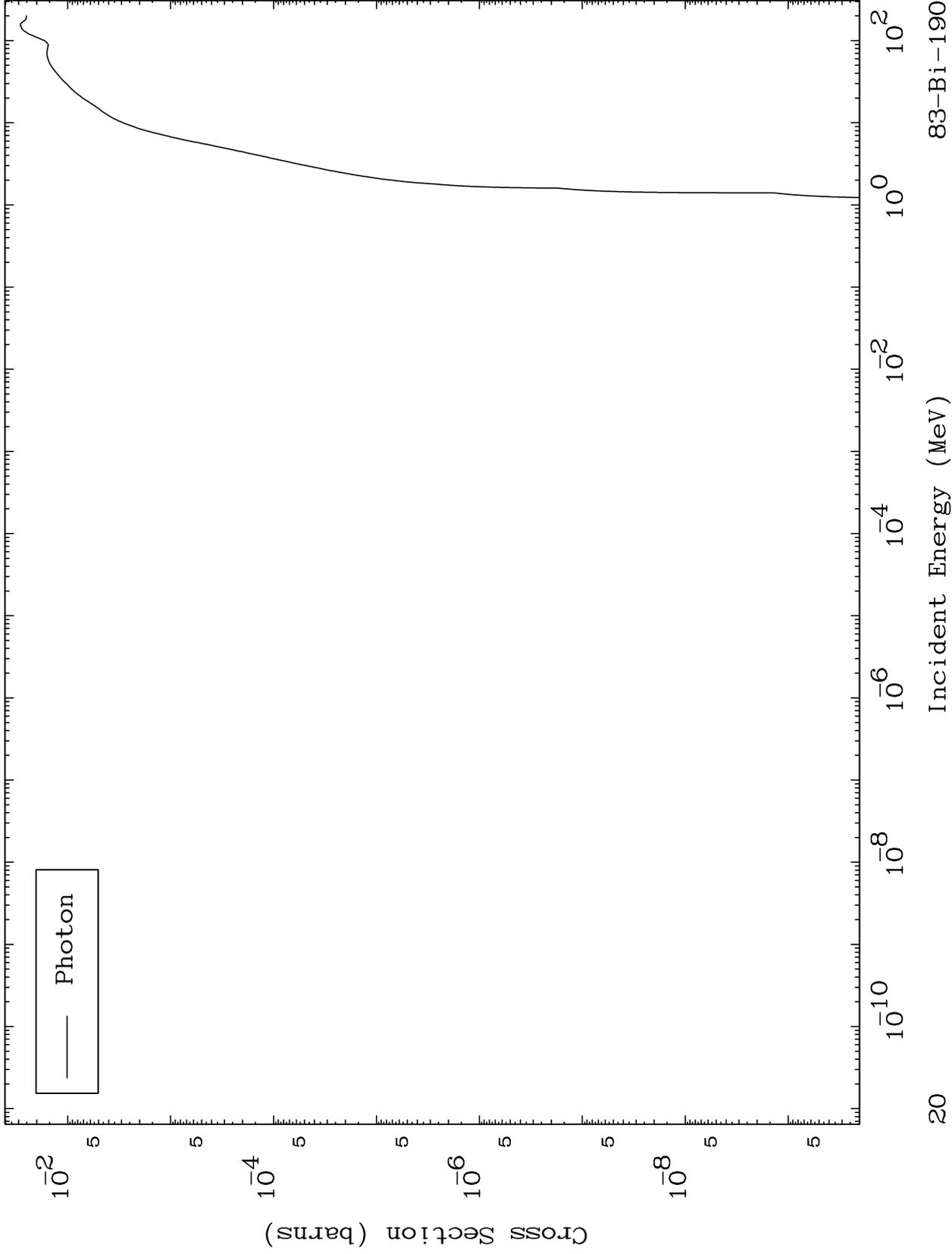
83-Bi-190

MAT 8269

Fission

83-Bi-190

Radionuclide Production Cross Section



20

Incident Energy (MeV)

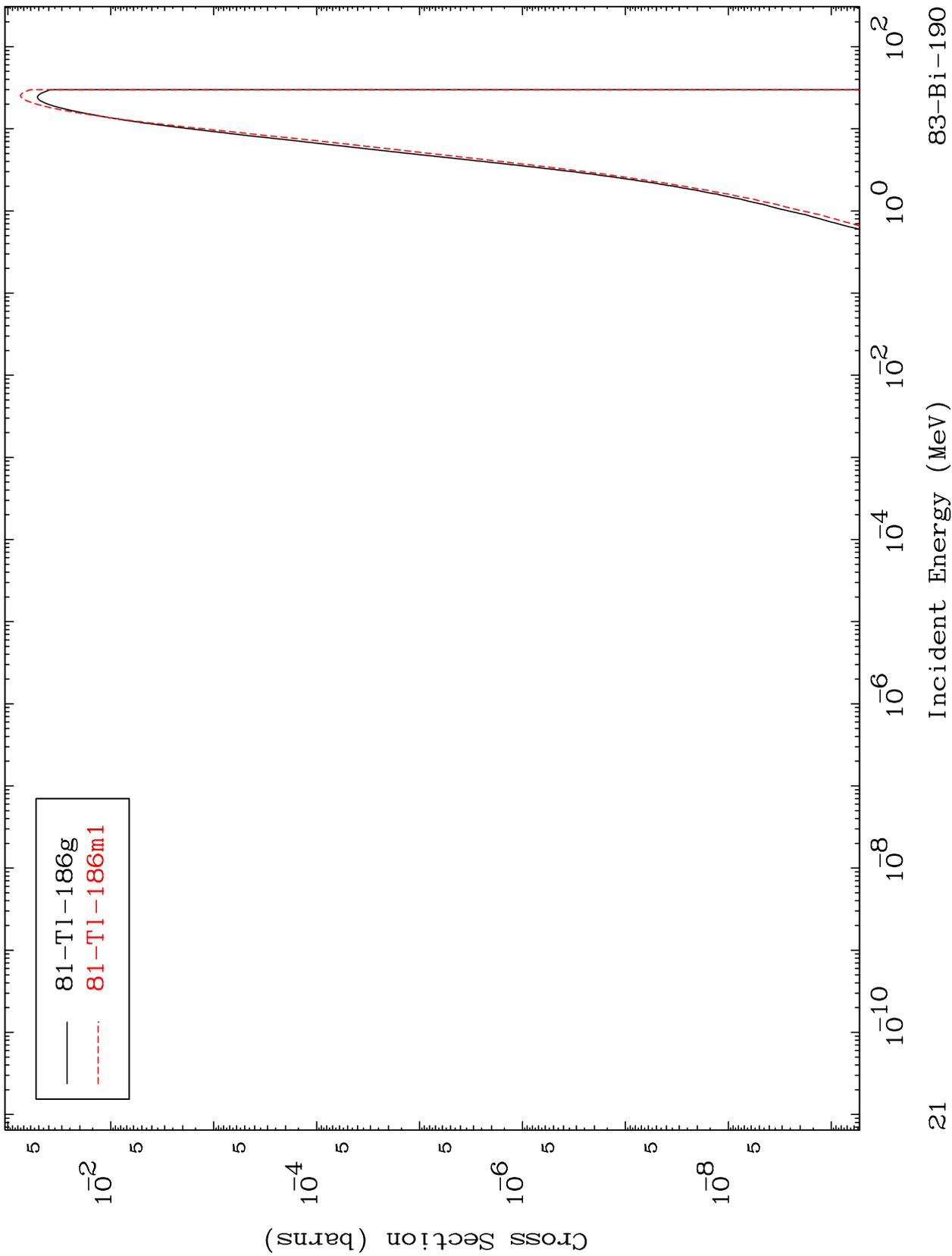
83-Bi-190

MAT 8269

$(n, n') \alpha$

83-Bi-190

Radionuclide Production Cross Section

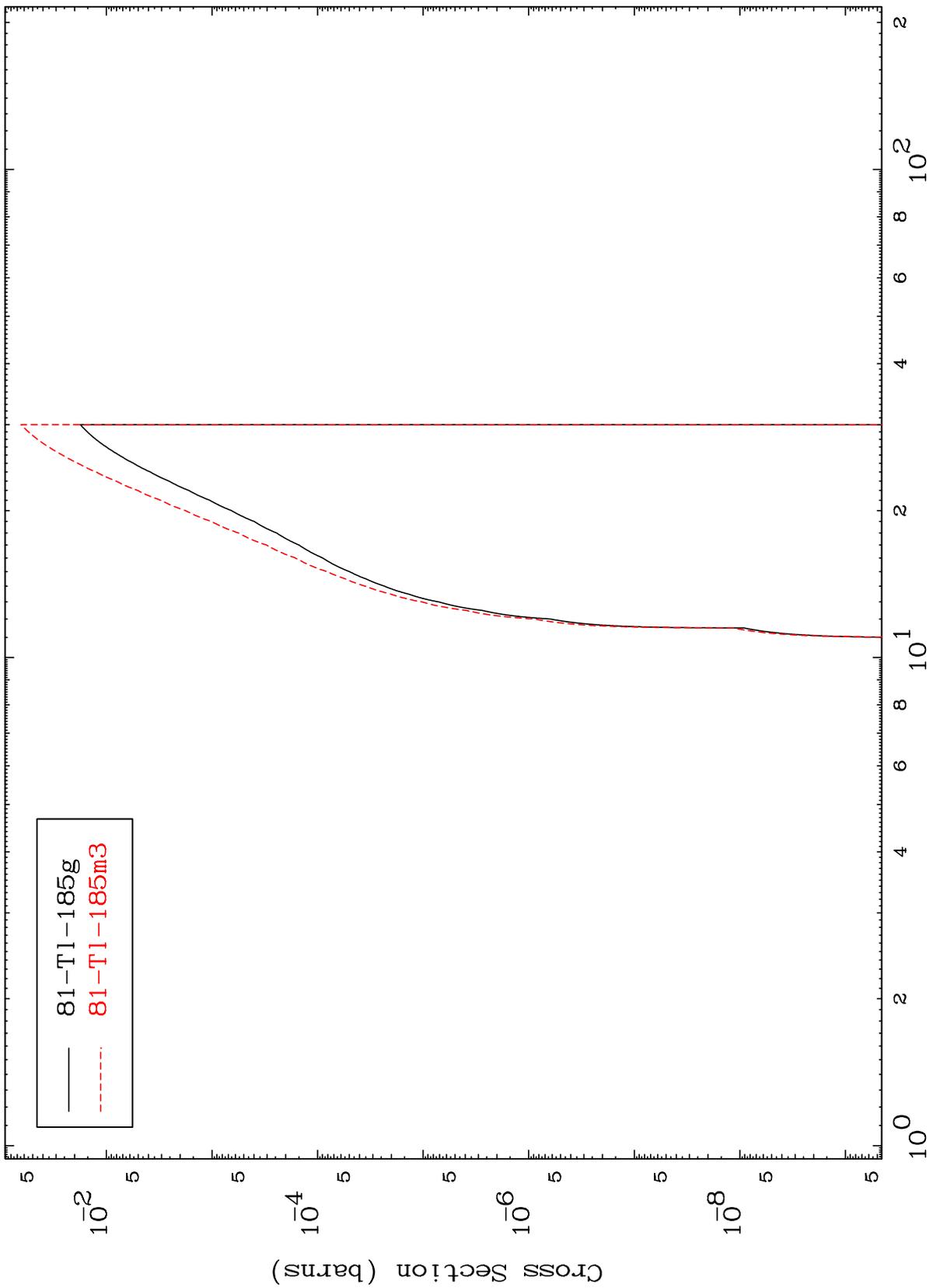


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$(n,2n) \alpha$

83-Bi-190

Radionuclide Production Cross Section



81-Tl-185g
81-Tl-185m3

22

Incident Energy (MeV)

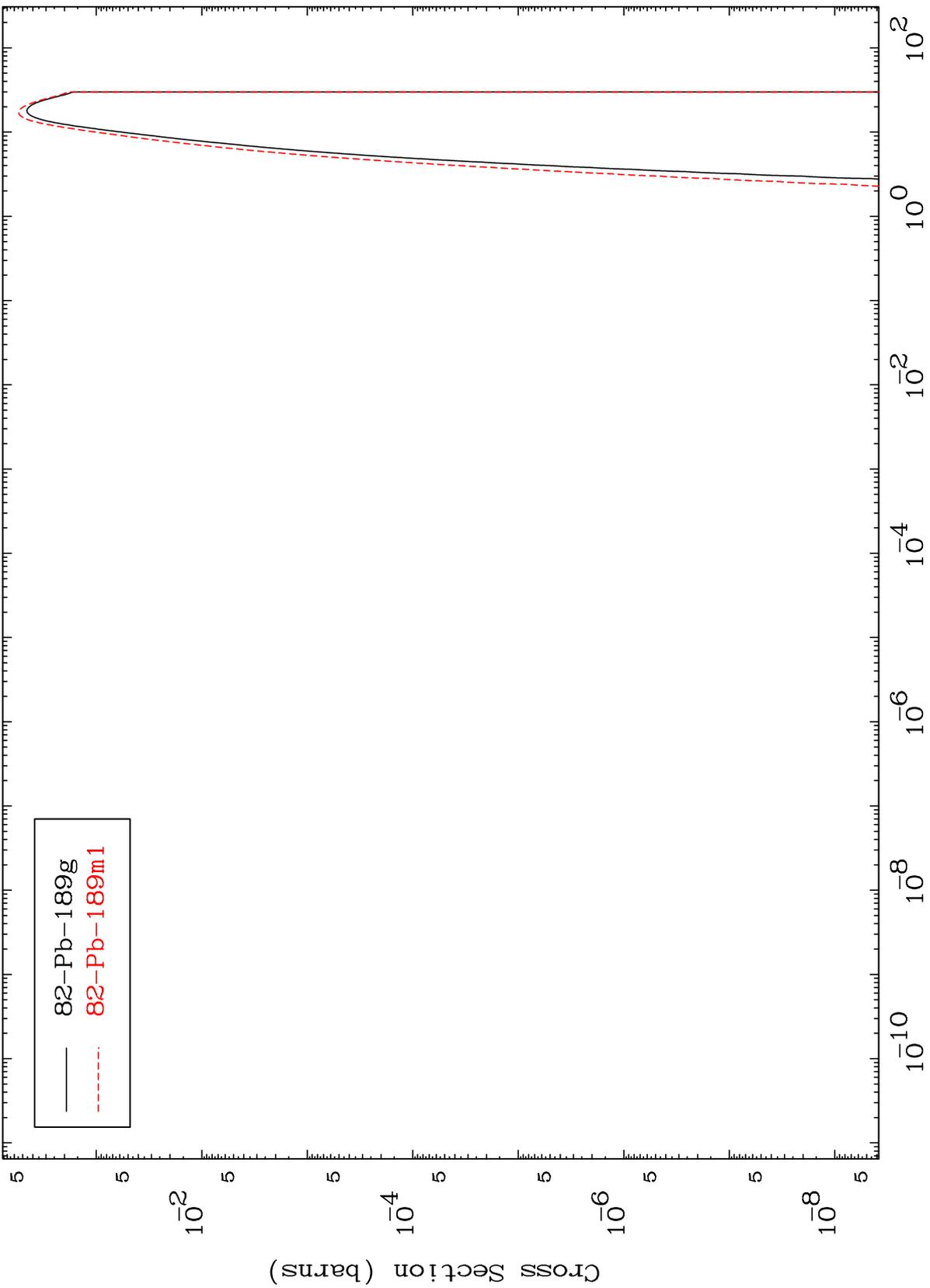
83-Bi-190

MAT 8269

(n, n') p

83-Bi-190

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-190

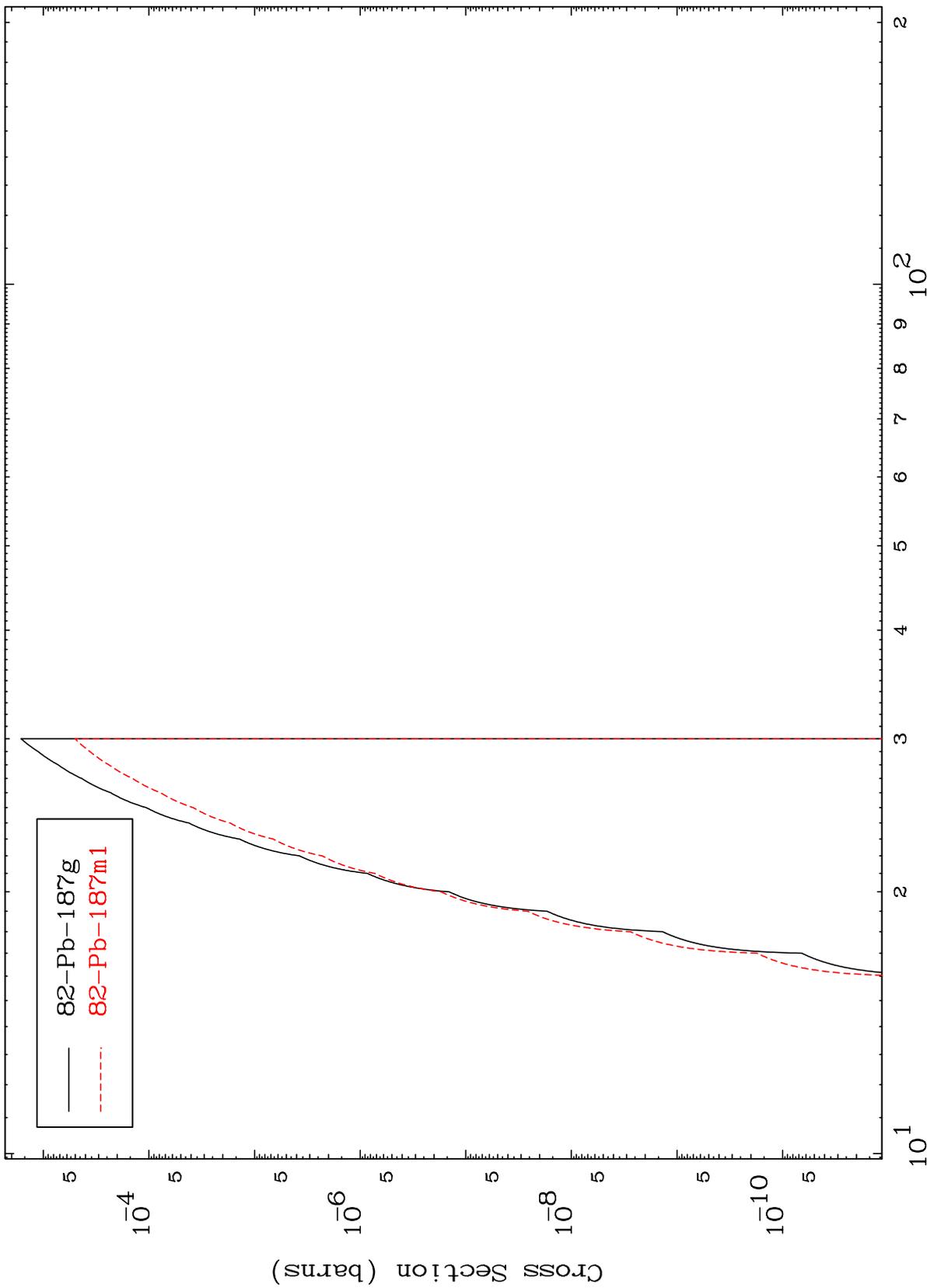
23

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(n,n') t

83-Bi-190

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-190

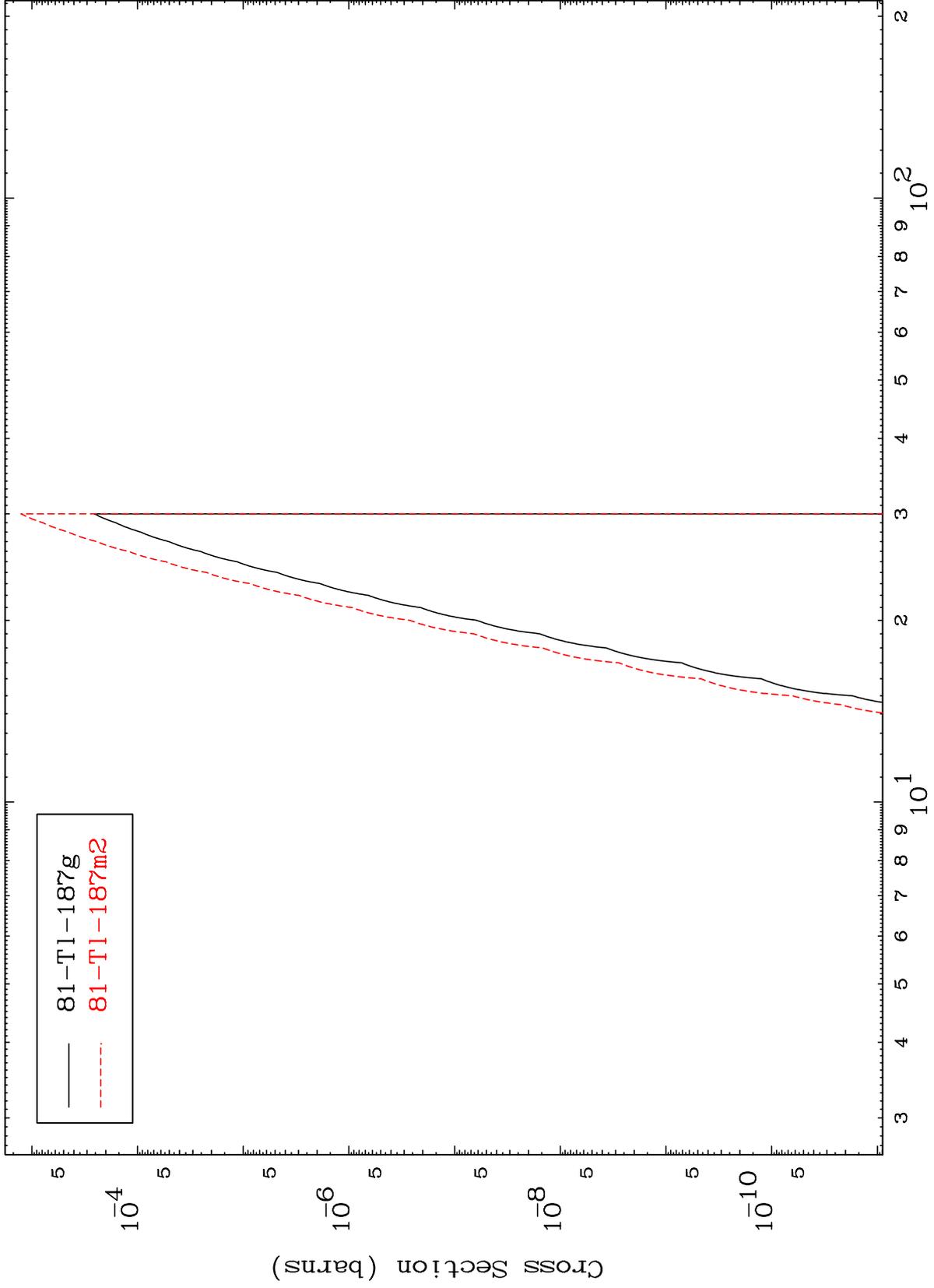
24

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(n,n') He-3

83-Bi-190

Radionuclide Production Cross Section



25

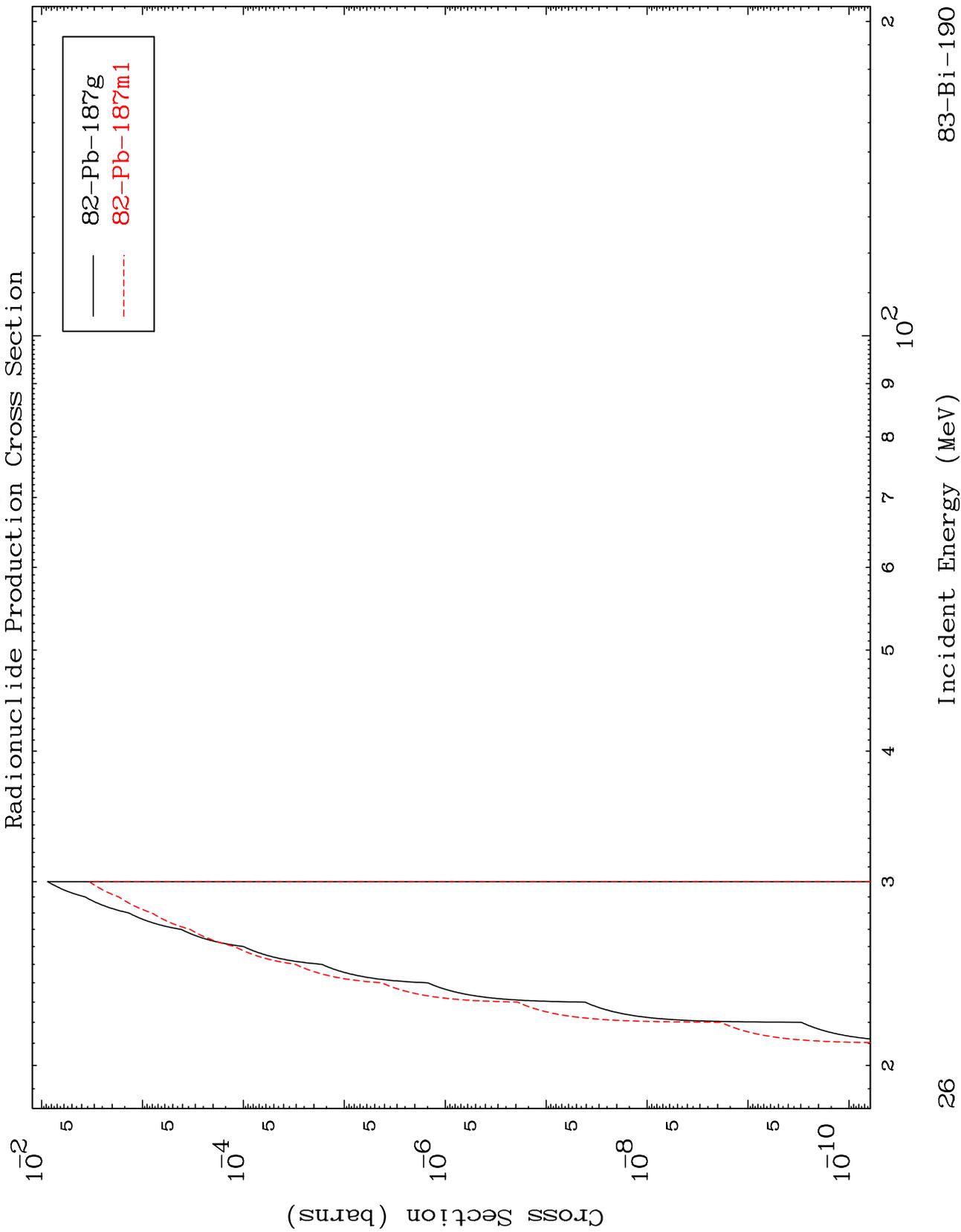
Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,3n) p

83-Bi-190



26

Incident Energy (MeV)

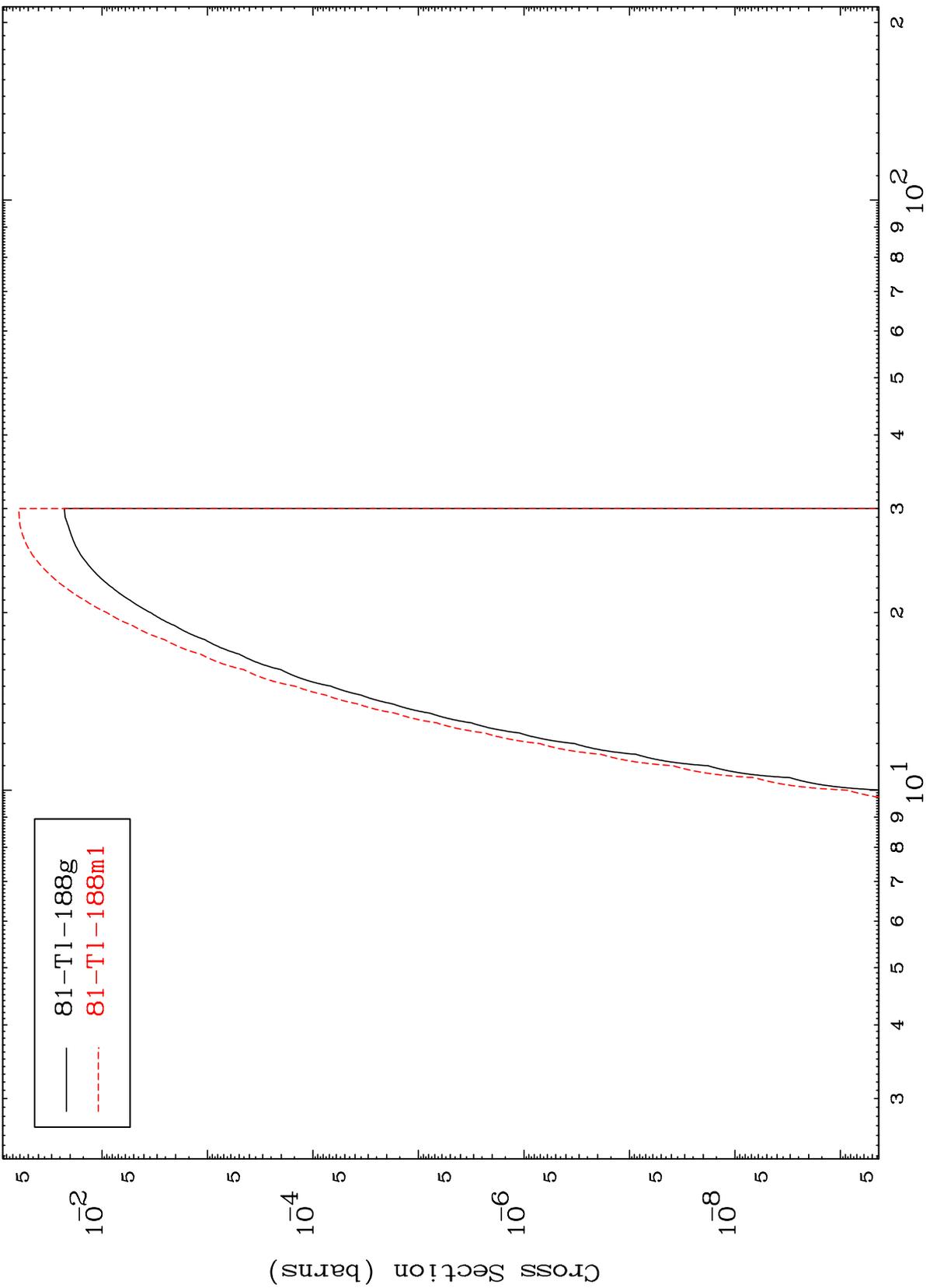
83-Bi-190

MAT 8269

(n,2n) p

83-Bi-190

Radionuclide Production Cross Section



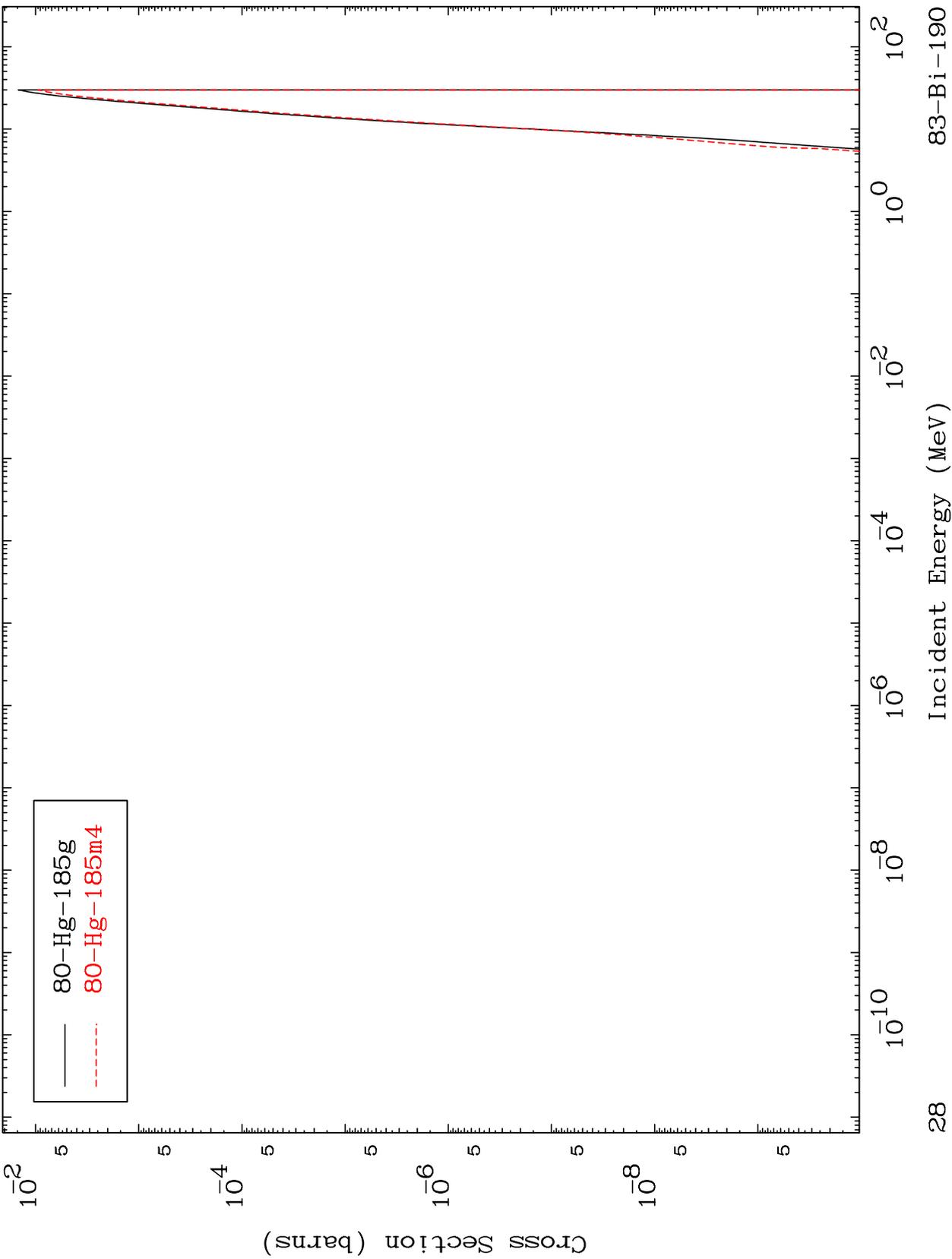
81-Tl-188g
81-Tl-188m1

MAT 8269

(n,n') p α

83-Bi-190

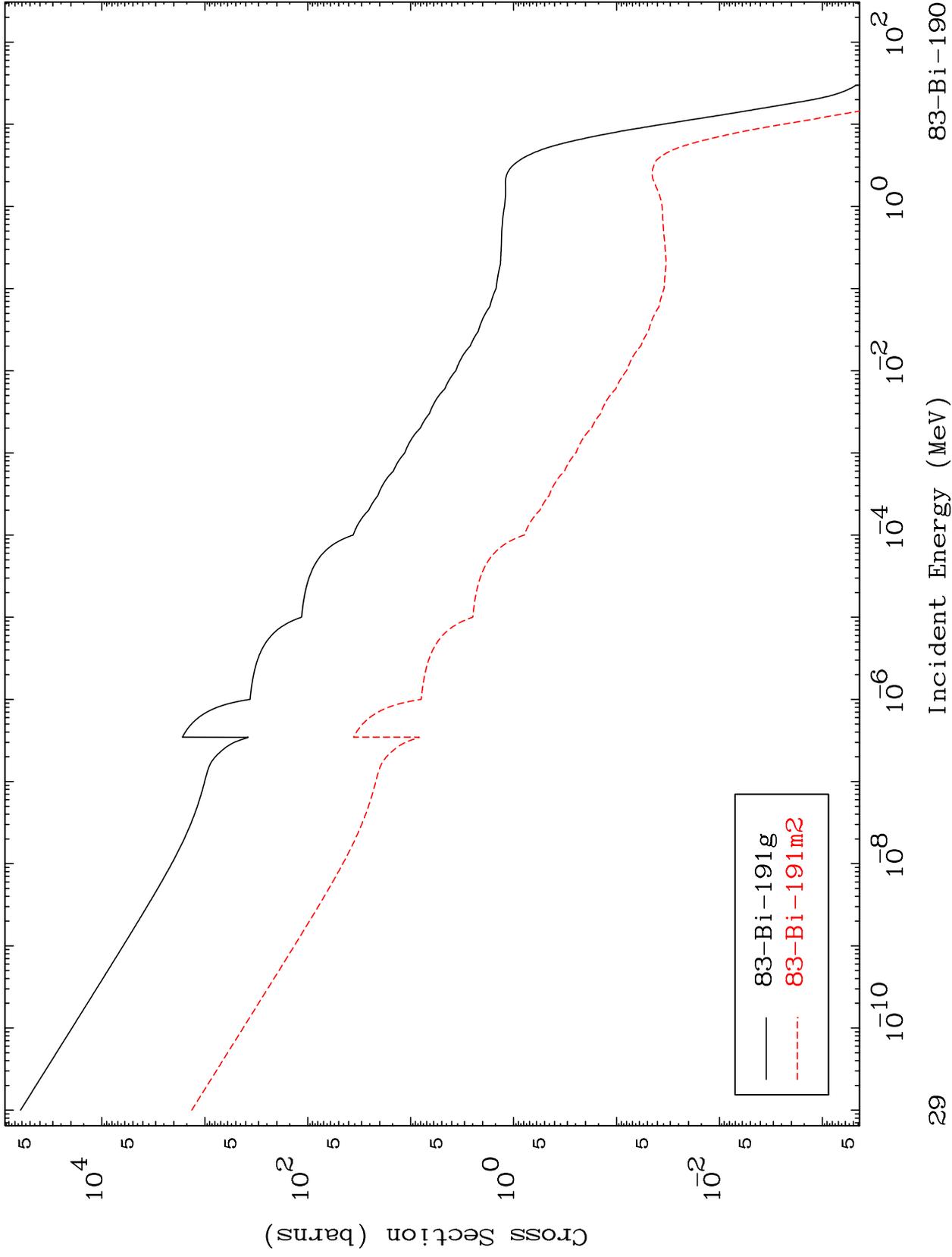
Radionuclide Production Cross Section



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⁸³Bi-190

^(n,γ)
Radionuclide Production Cross Section



29

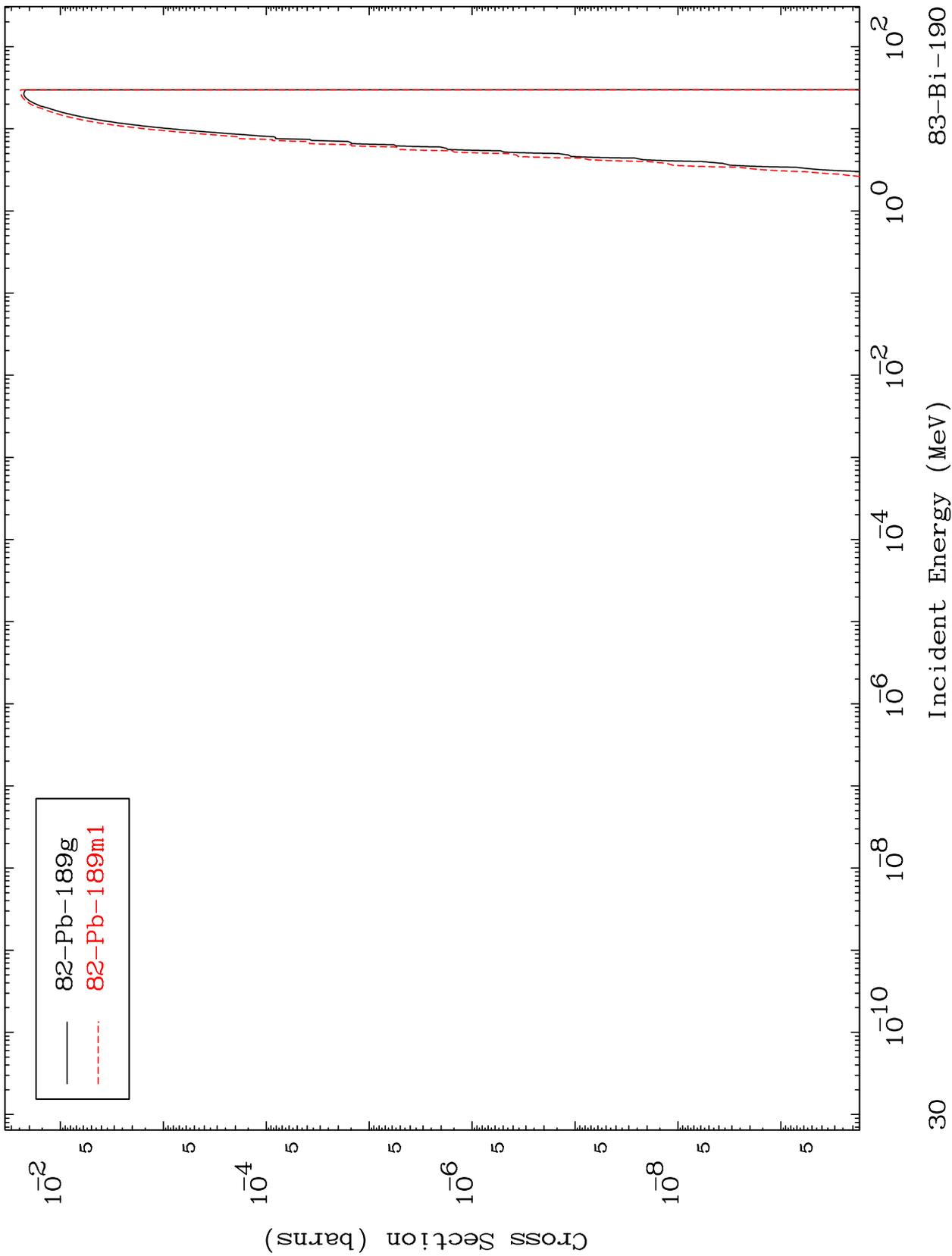
⁸³Bi-190

MAT 8269

(n,d)

83-Bi-190

Radionuclide Production Cross Section



30

Incident Energy (MeV)

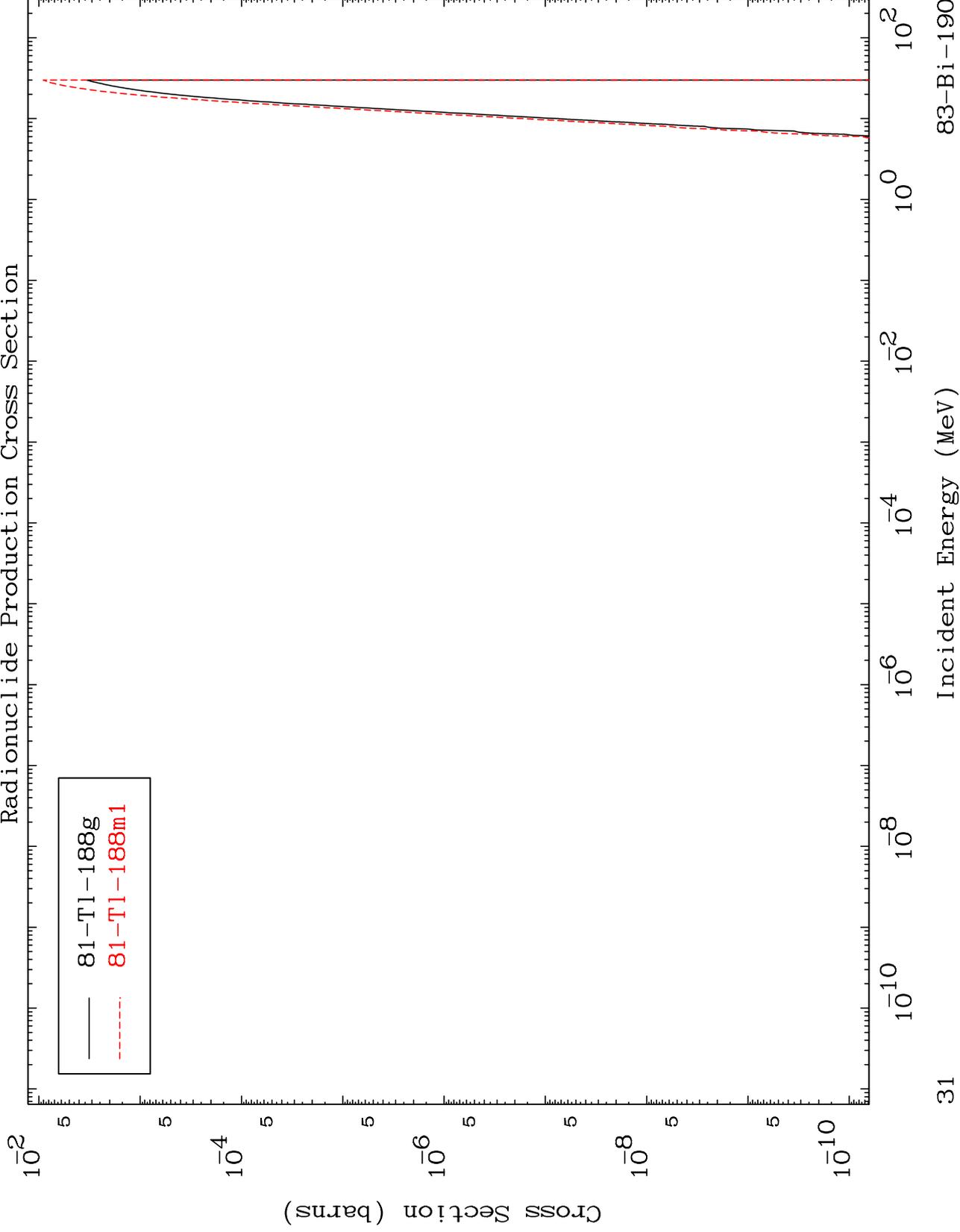
83-Bi-190

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(n,He-3)

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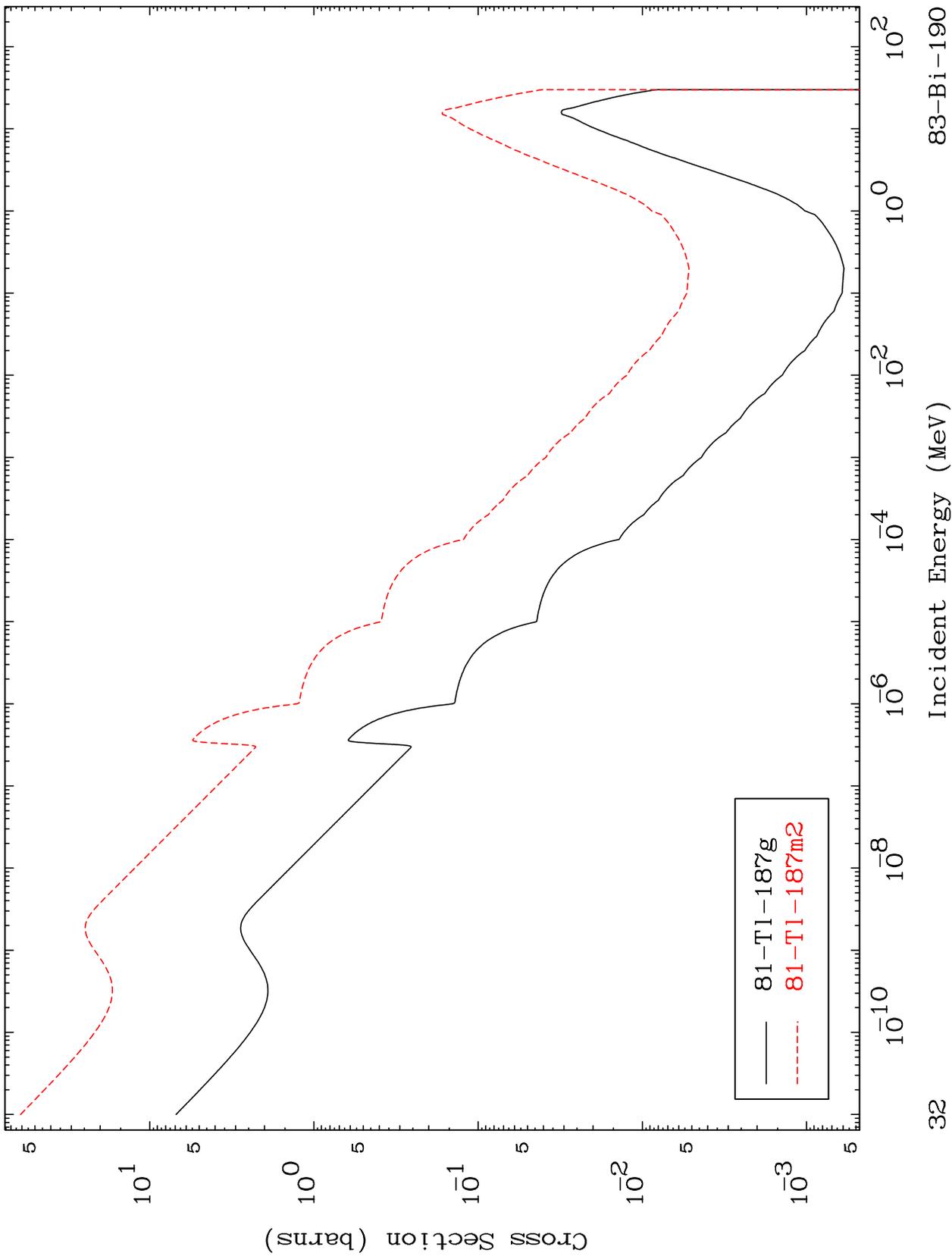
Radionuclide Production Cross Section



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83-Bi-190

Radionuclide Production Cross Section
(n, α)

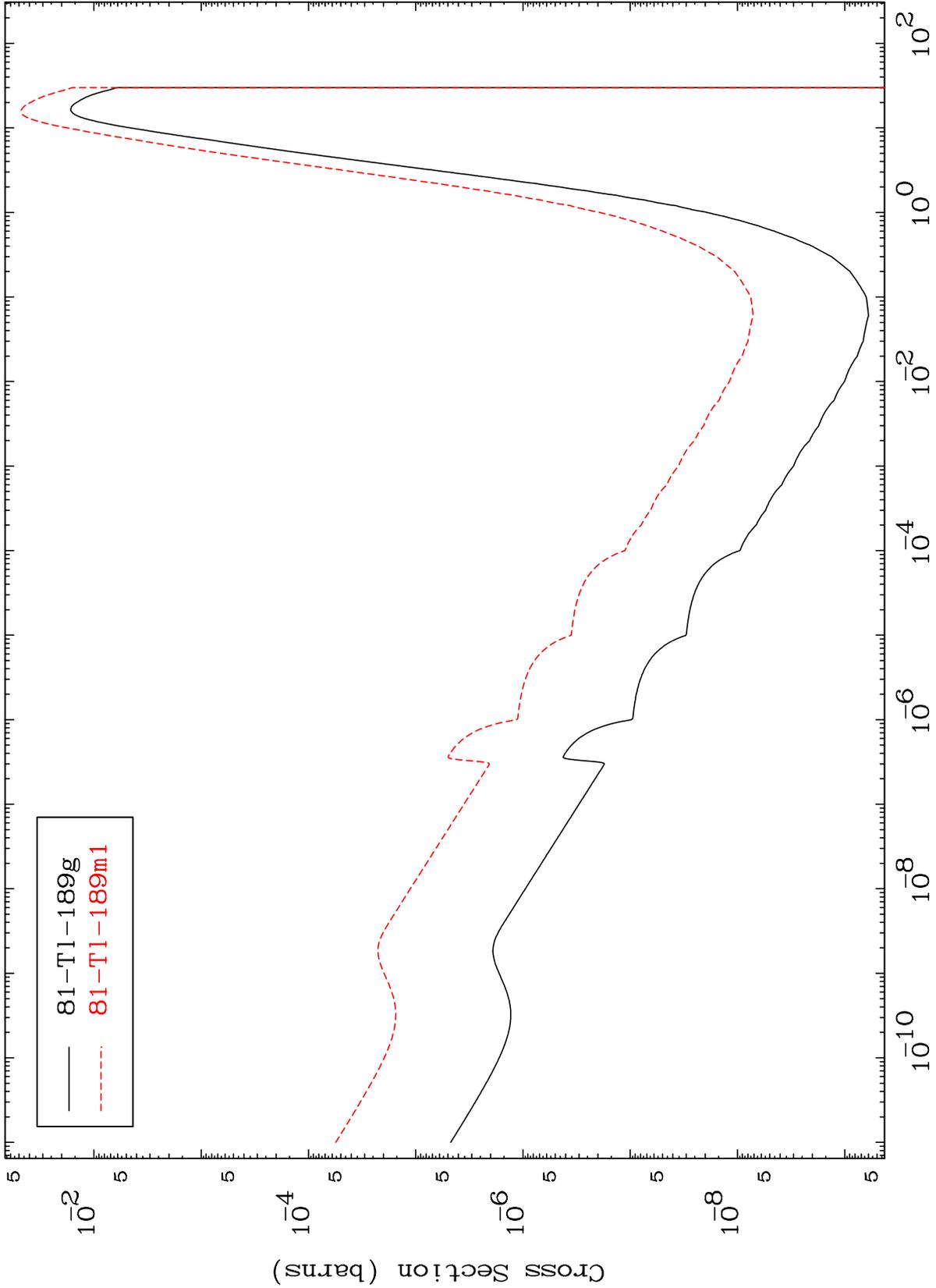


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(n,2p)

83-Bi-190

Radionuclide Production Cross Section

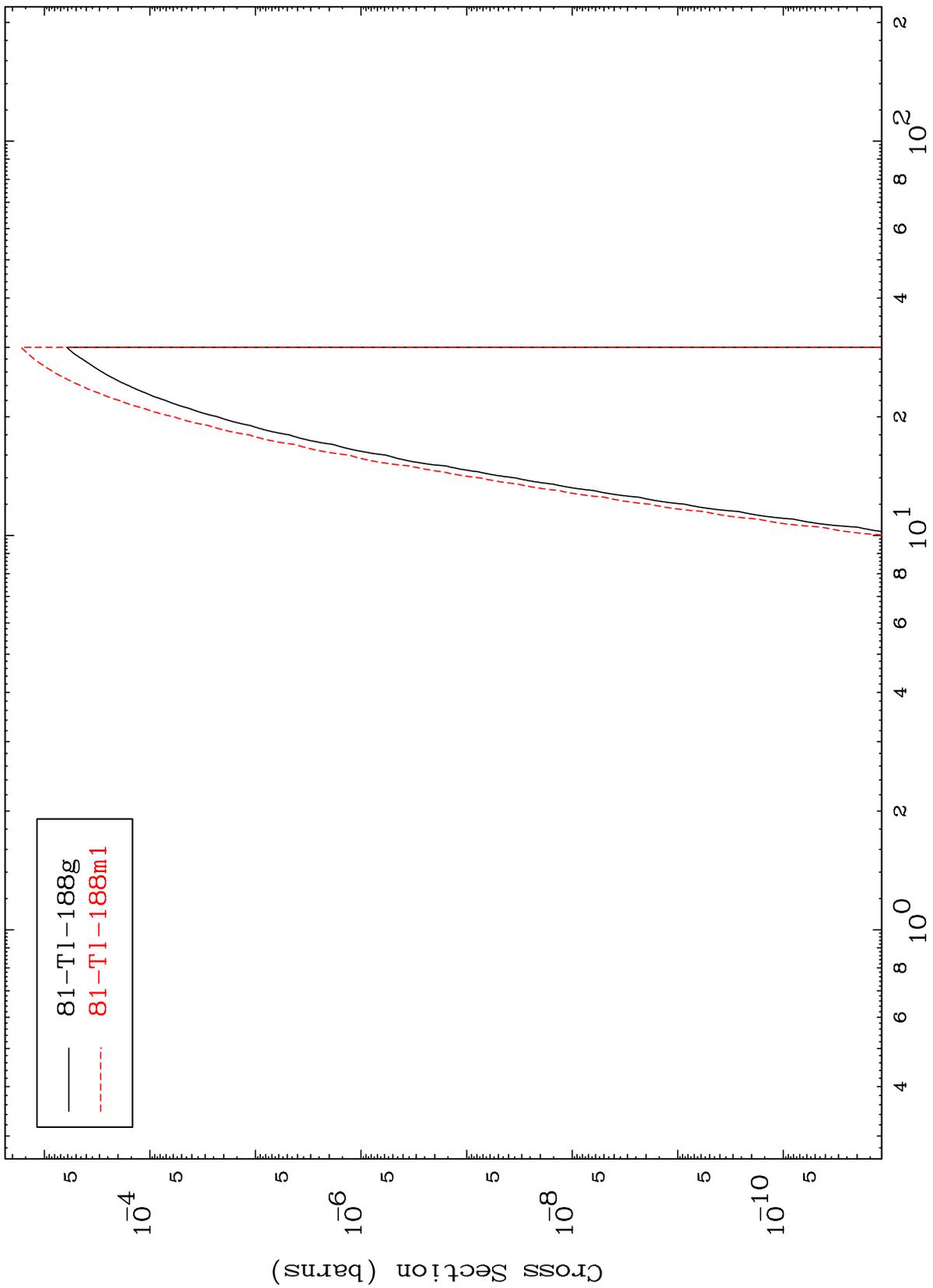


MAT 8269

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



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

34

Incident Energy (MeV)

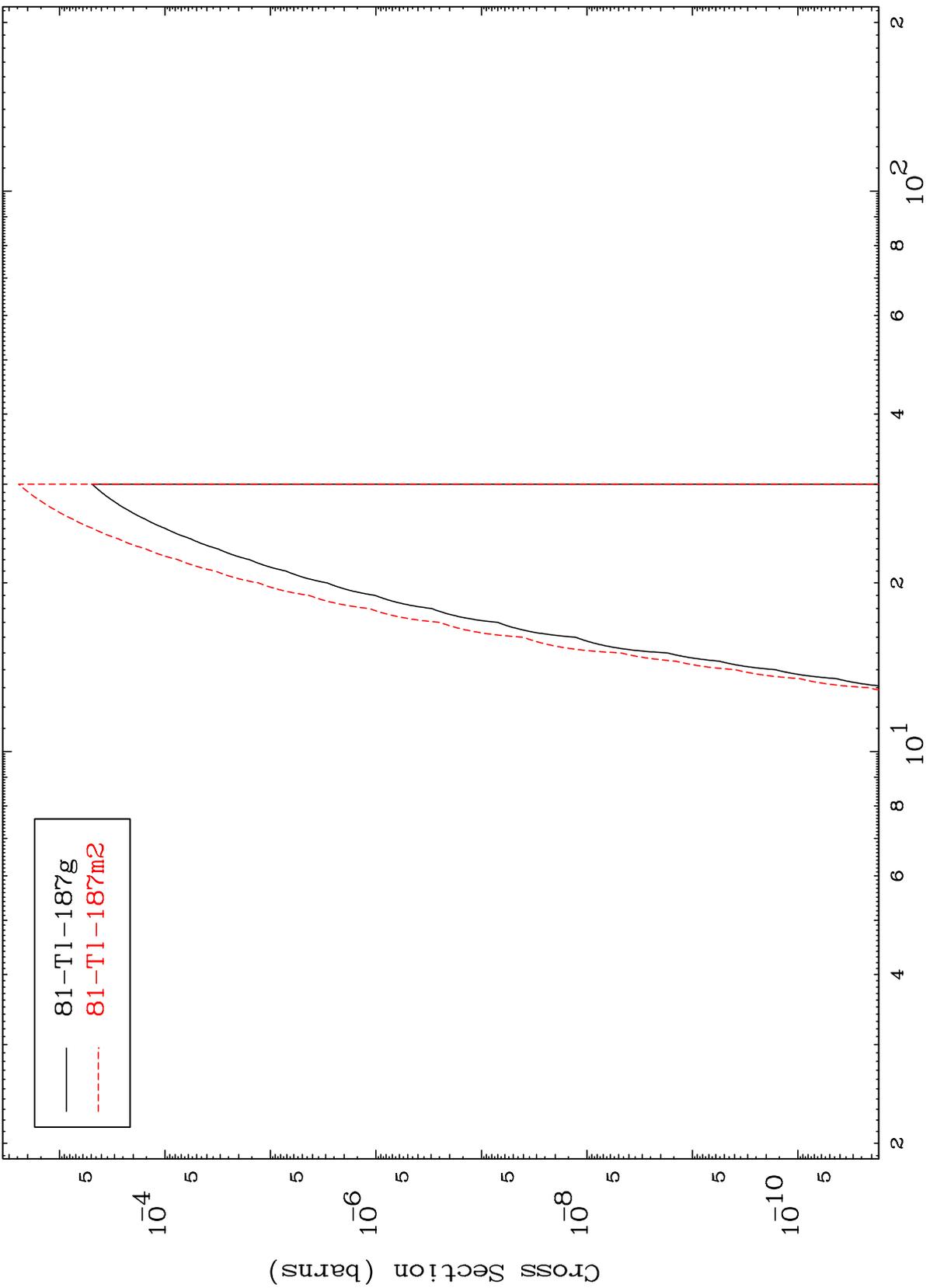
83-Bi-190

MAT 8269

(n,p) t

83-Bi-190

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

35

Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,d) α

83-Bi-190

Radionuclide Production Cross Section

