

Program EVALPLOT
(Version 2018-1)

by

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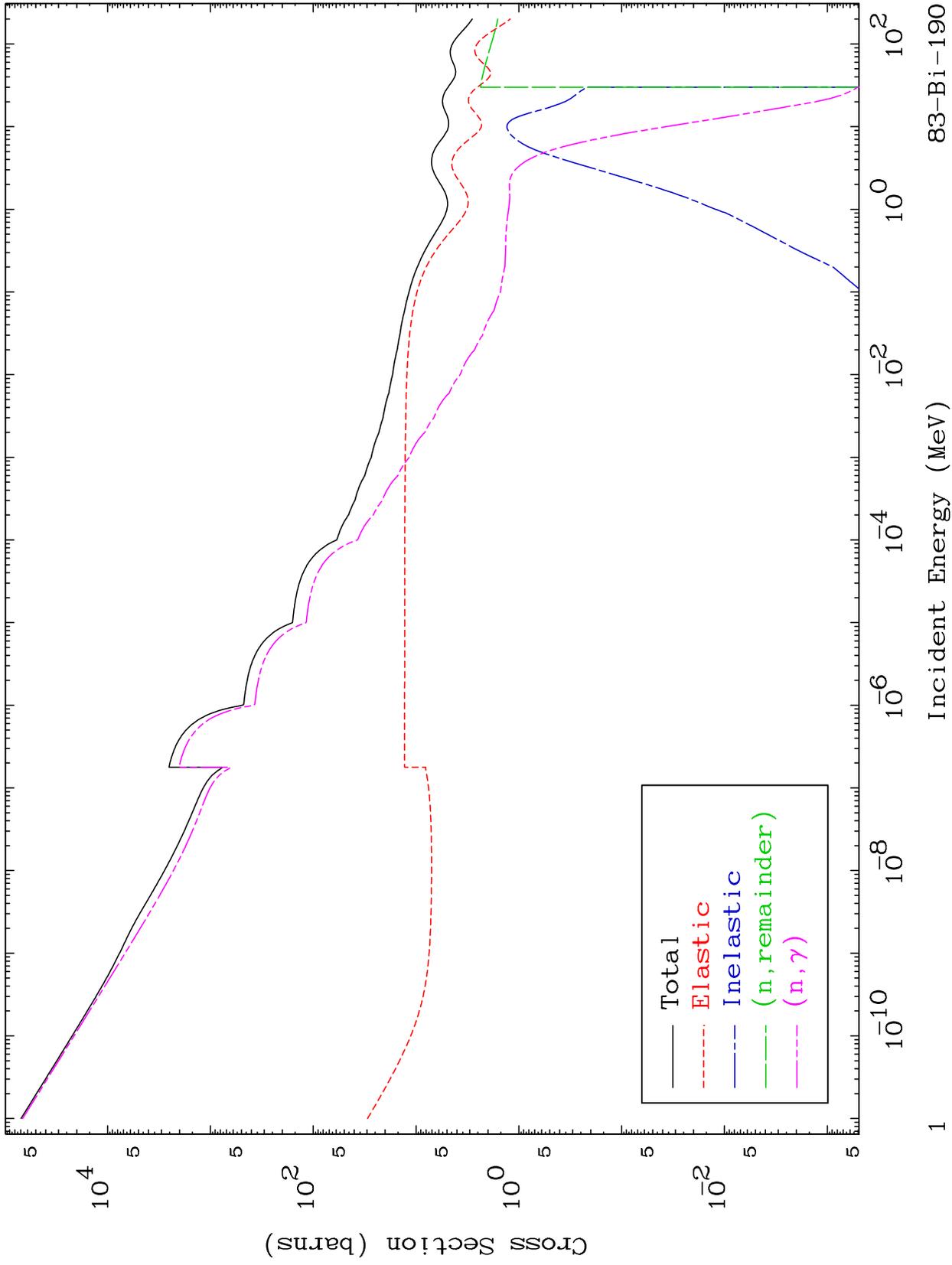
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8269

Major
293 Kelvin Cross Sections

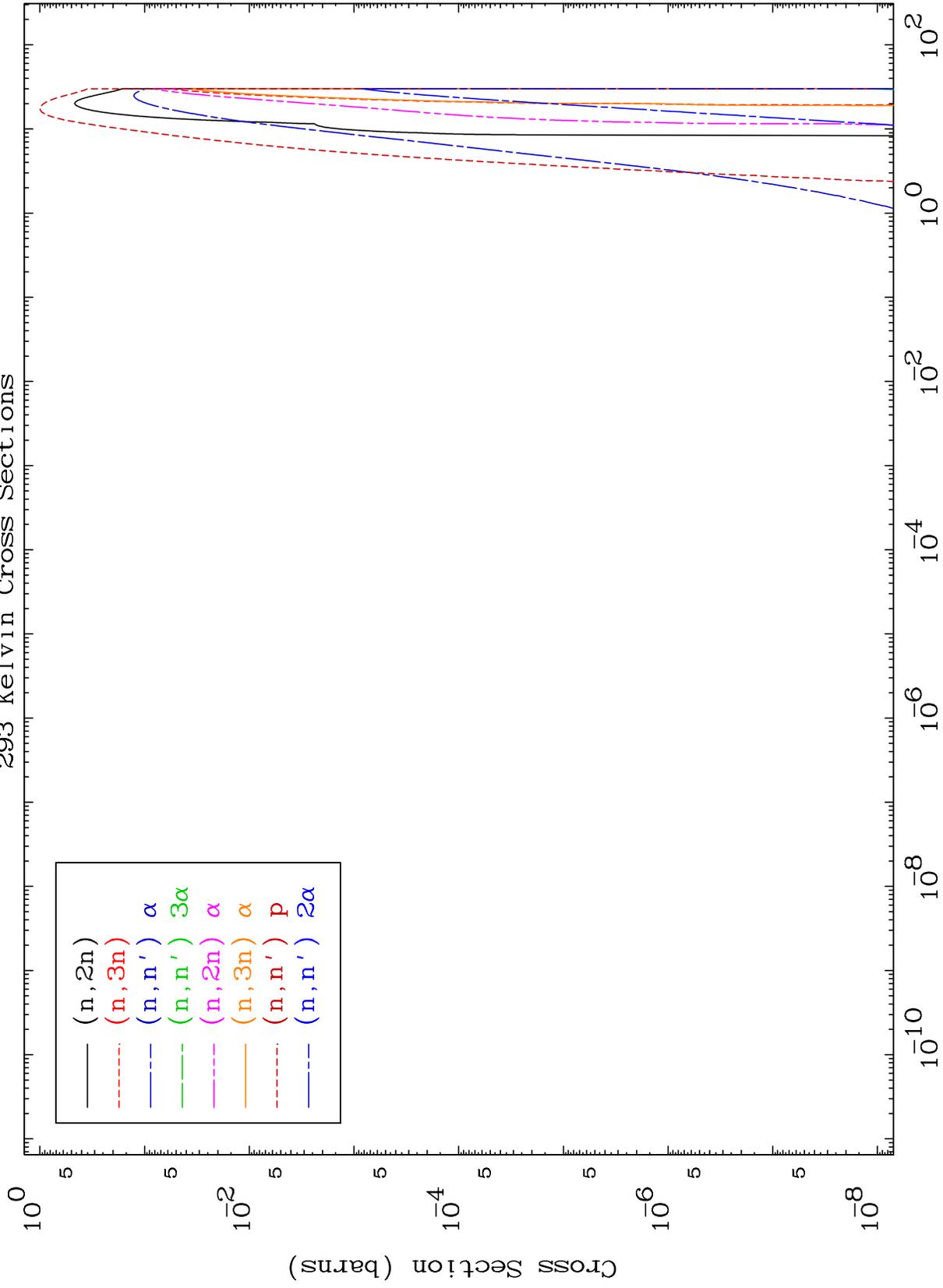
83-Bi-190



MAT 8269

Neutron Production
293 Kelvin Cross Sections

83-Bi-190



2

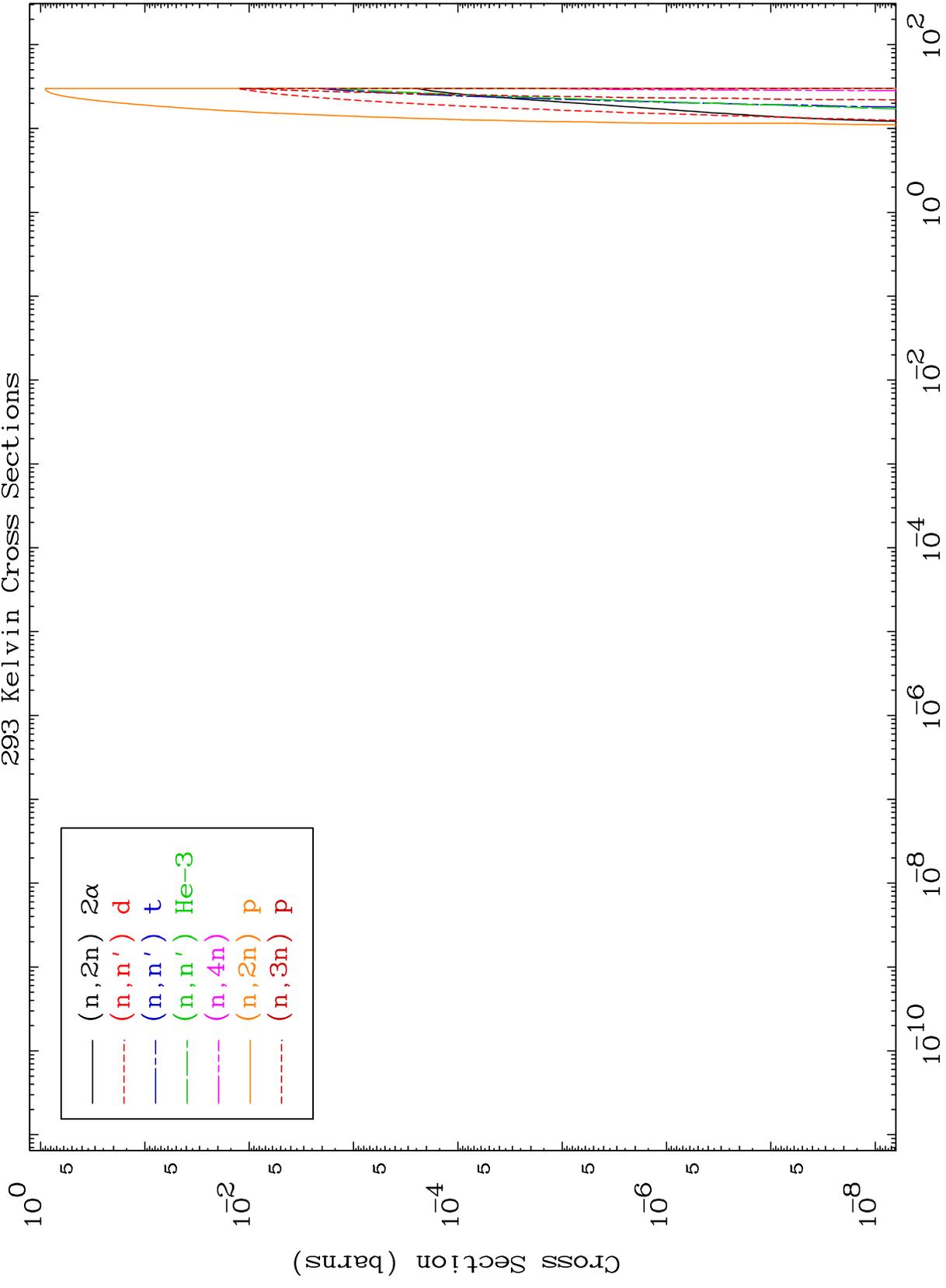
Incident Energy (MeV)

83-Bi-190

MAT 8269

Neutron Production
293 Kelvin Cross Sections

83-Bi-190



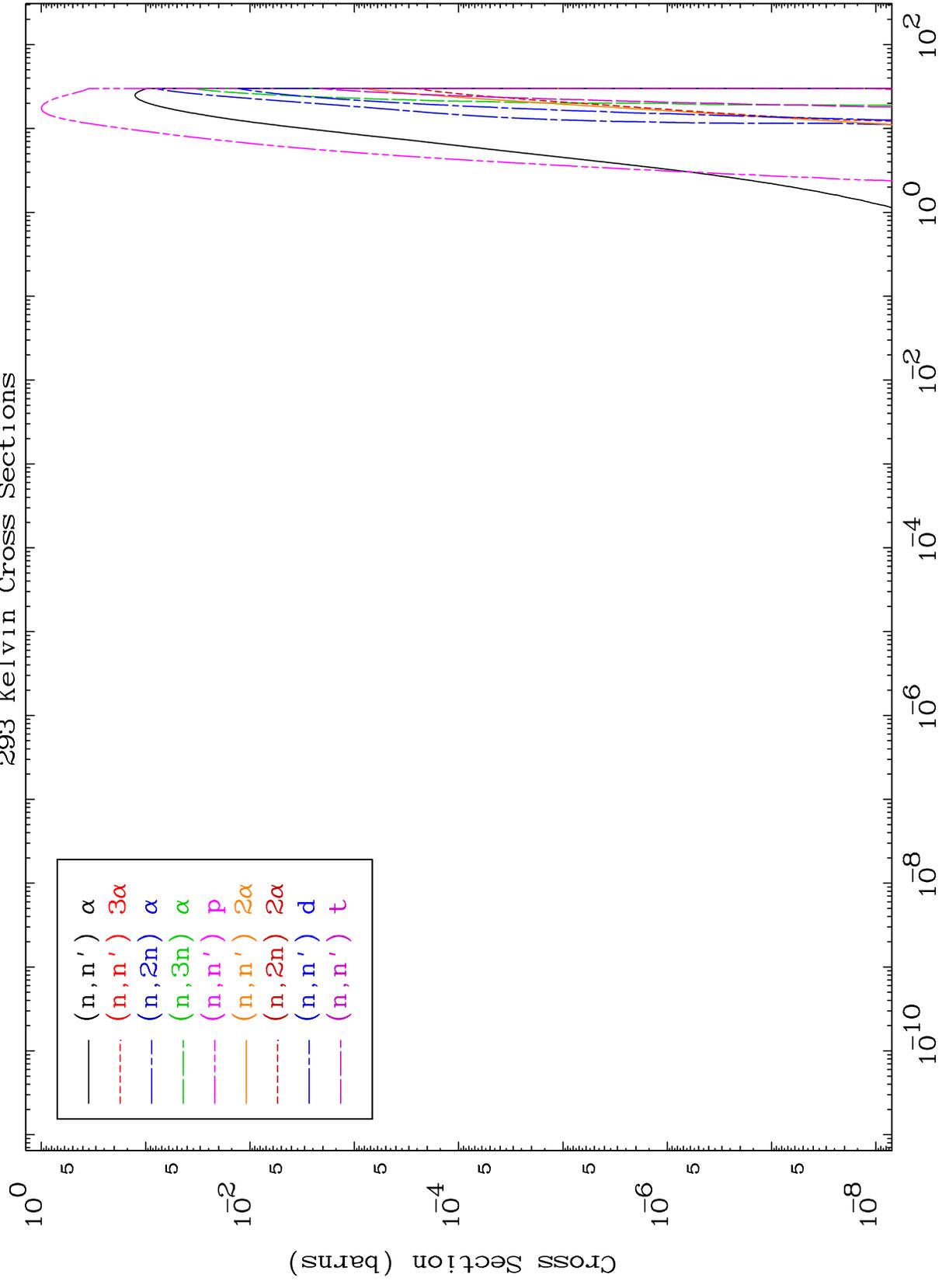
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83-Bi-190

MAT 8269

293 Kelvin Cross Sections

83-Bi-190



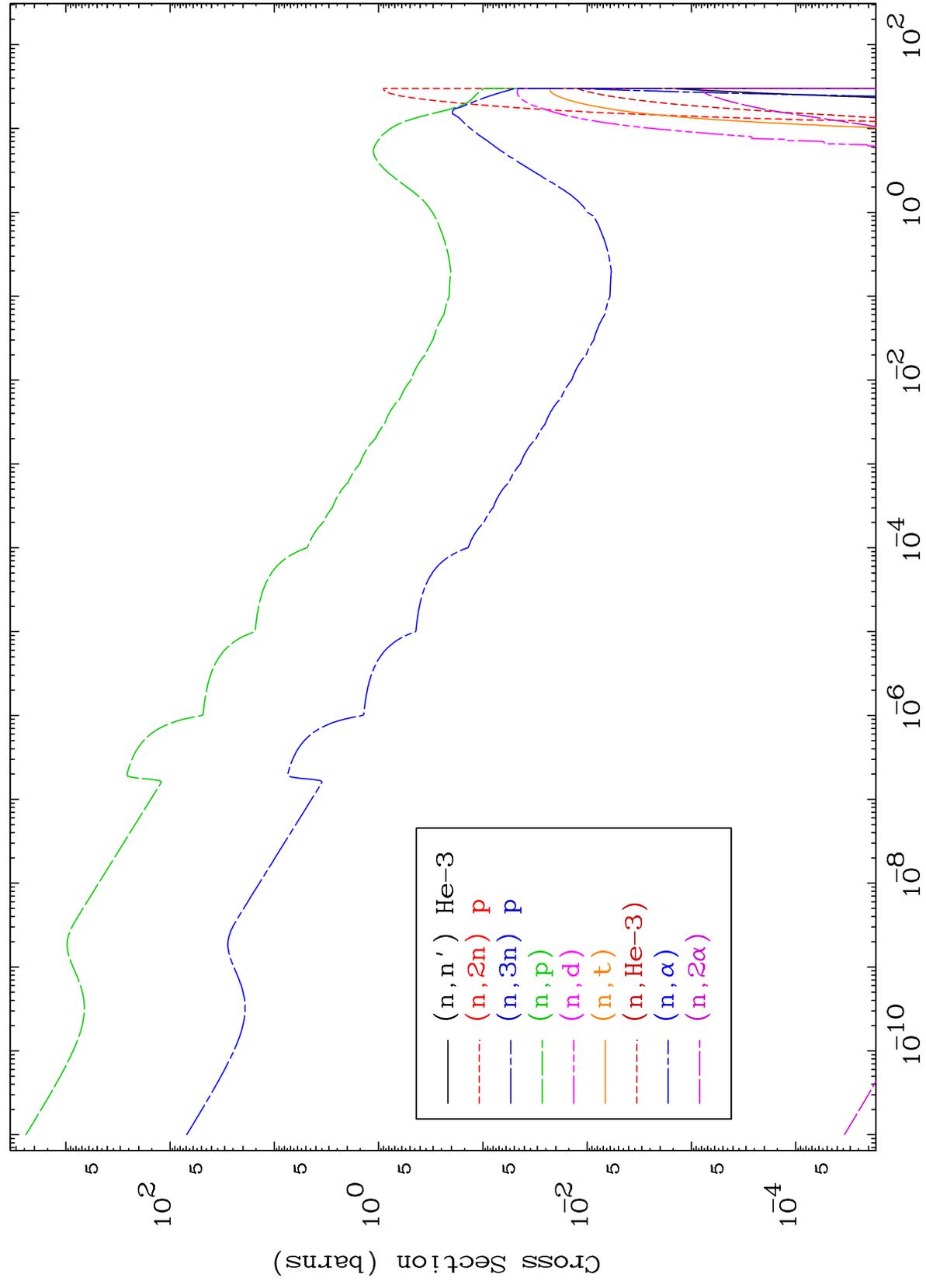
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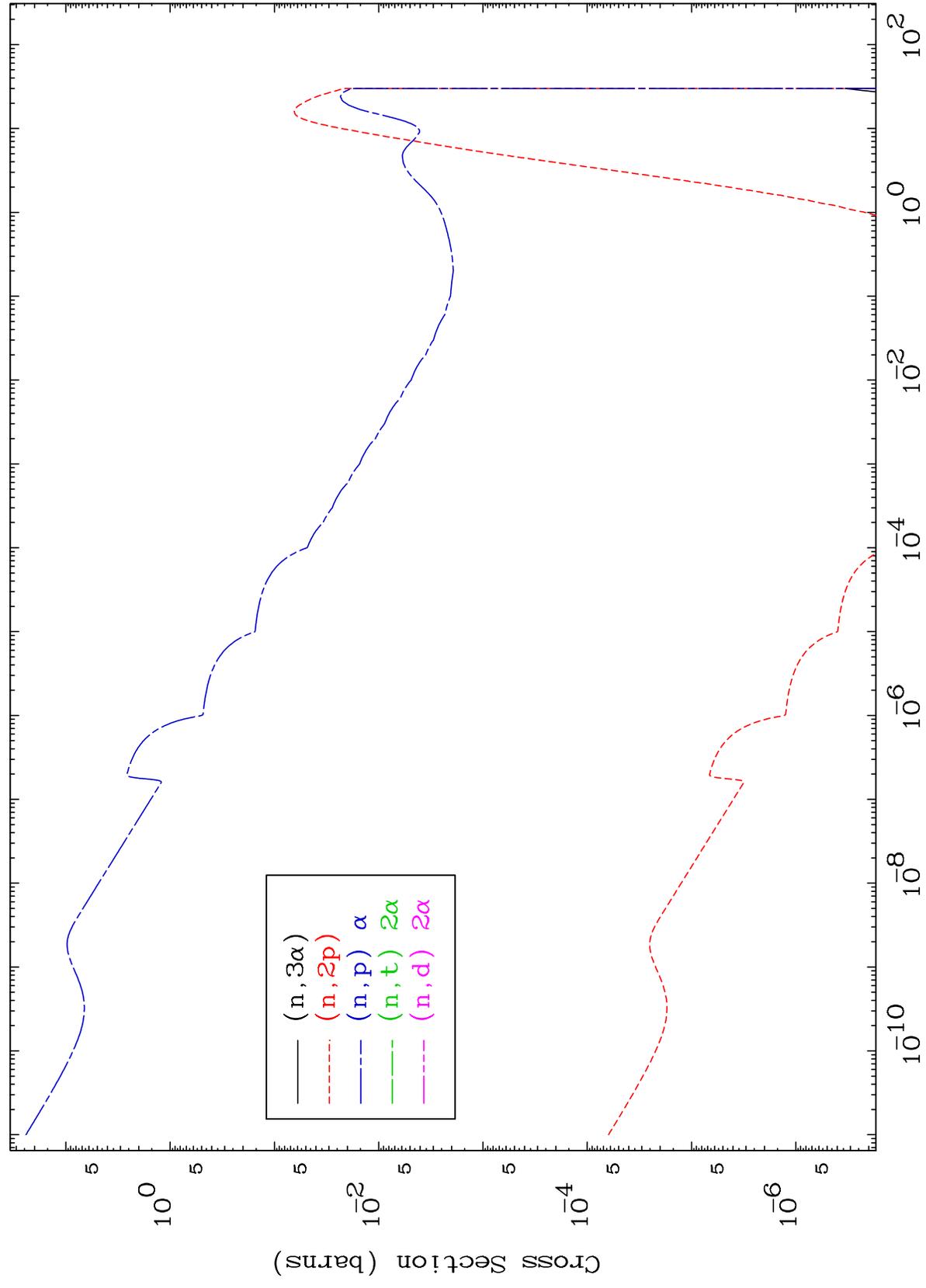
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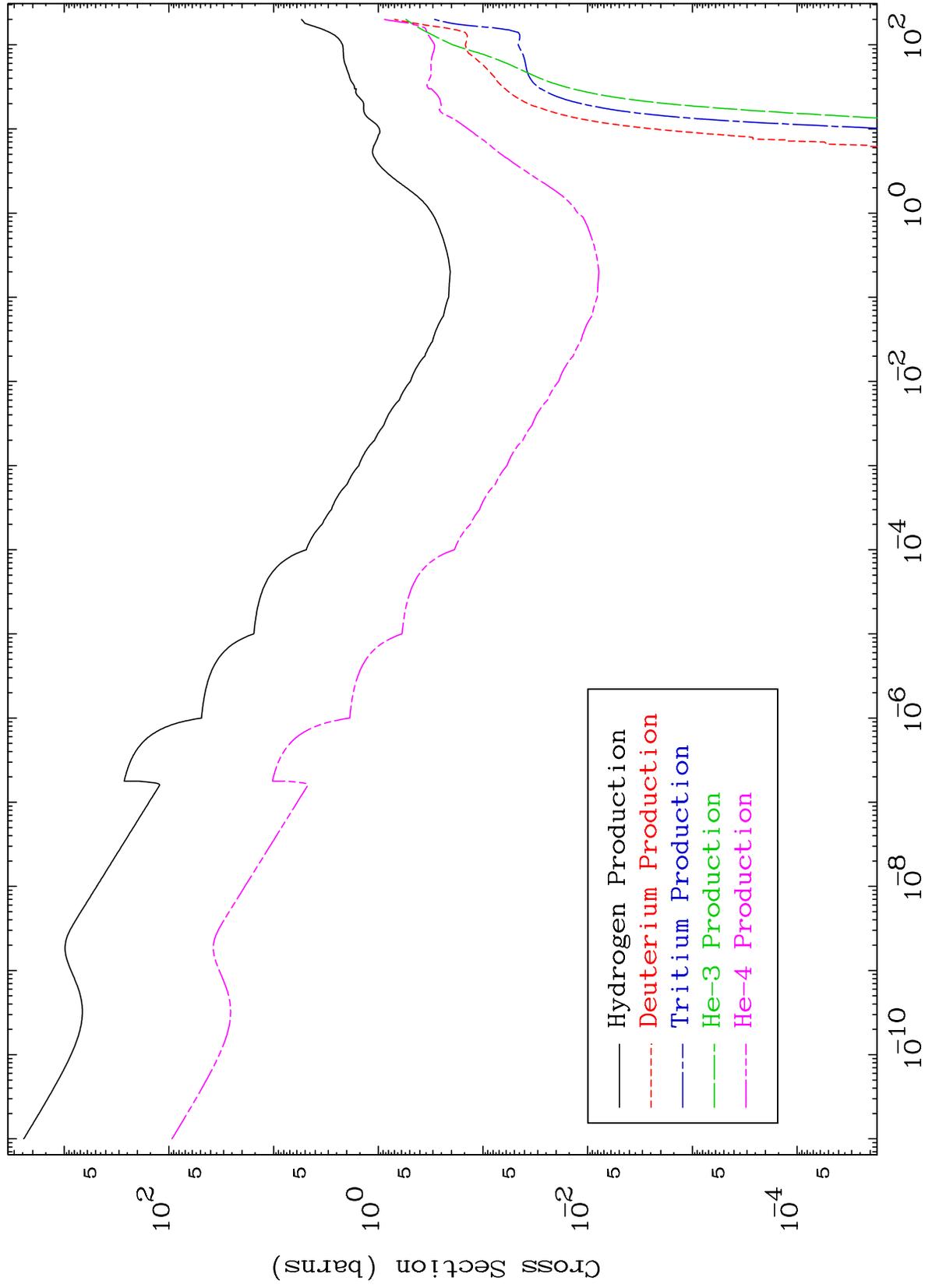
MAT 8269

293 Kelvin Cross Sections

83-Bi-190



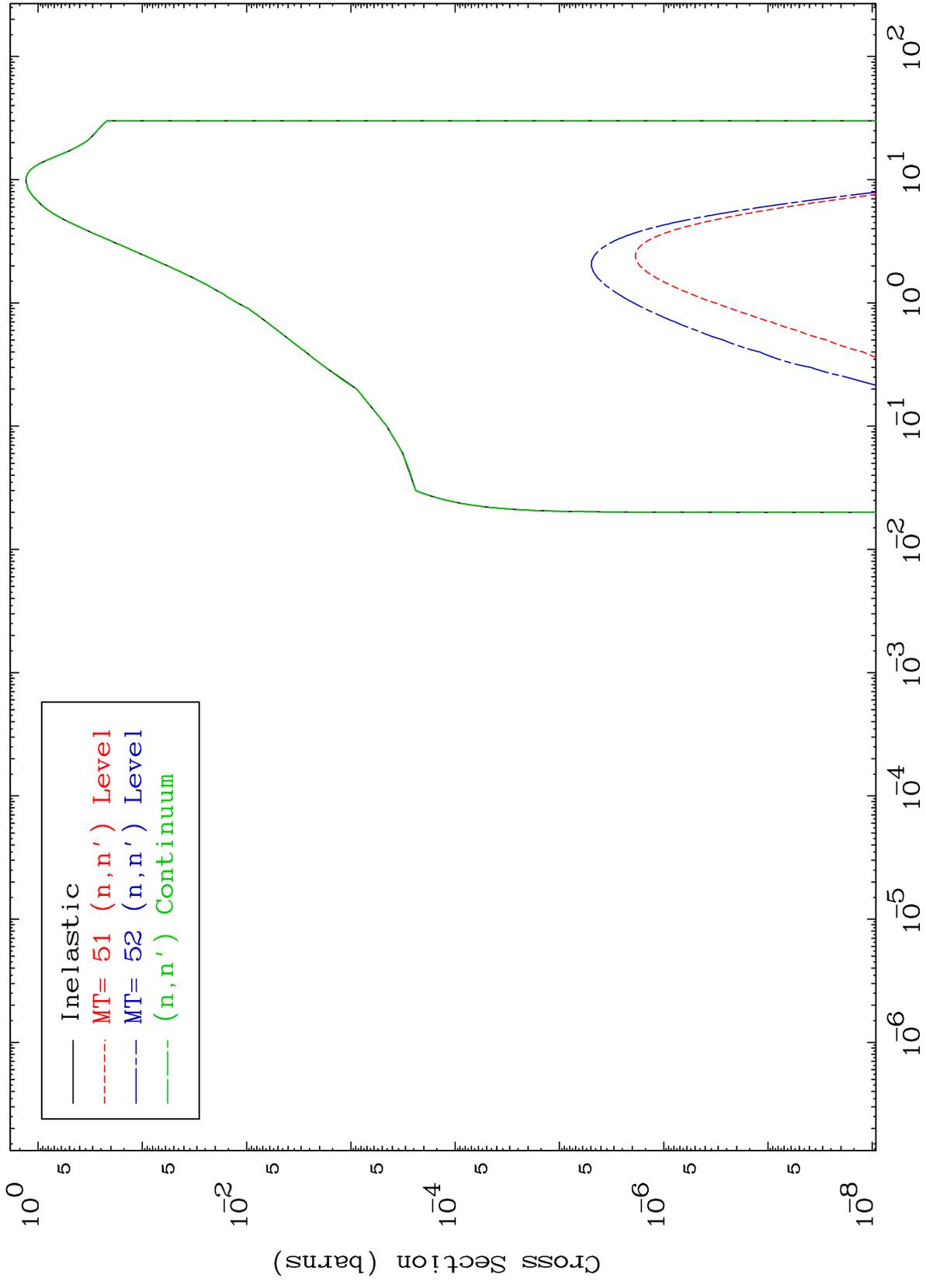




MAT 8269

(n,n') Level
293 Kelvin Cross Sections

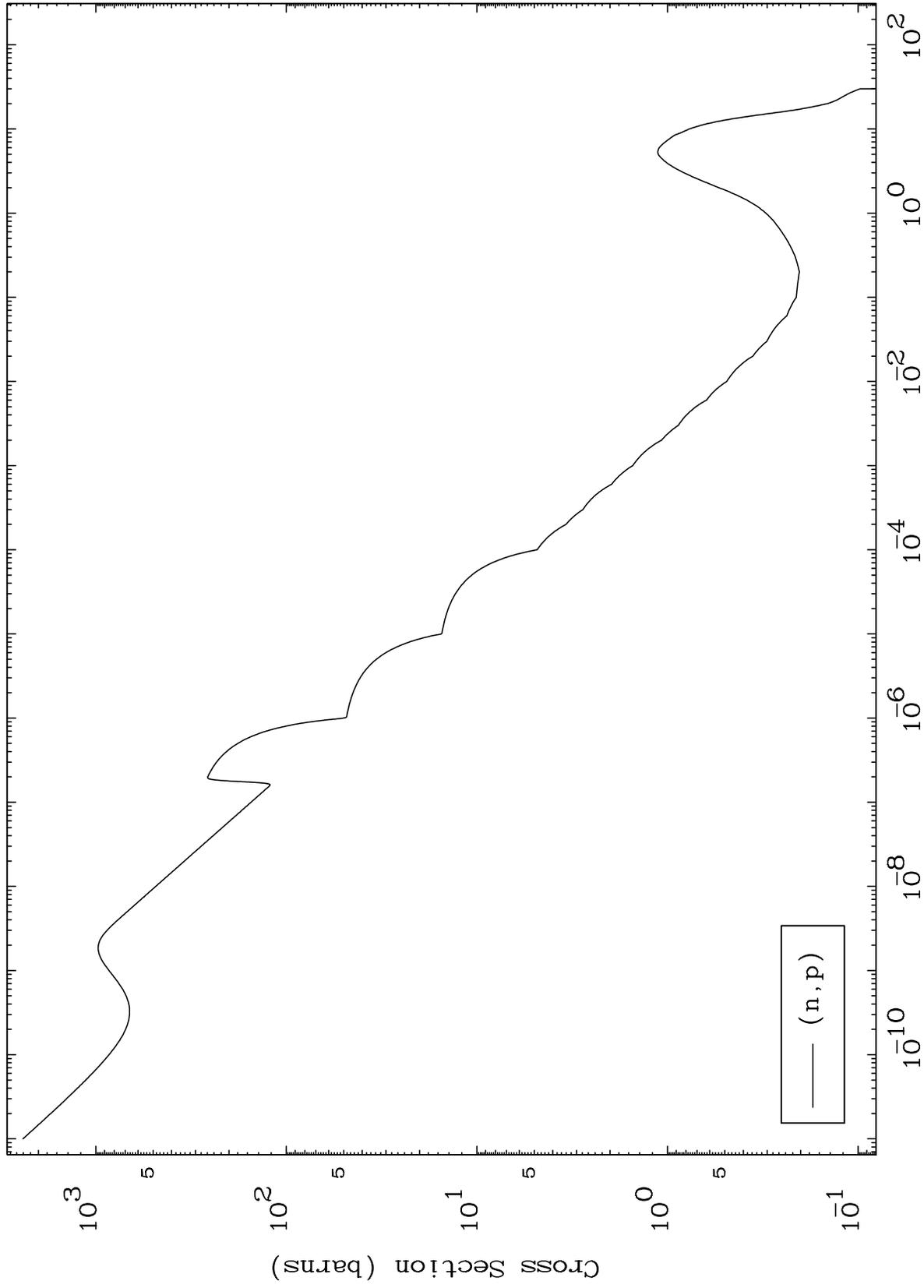
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MAT 8269

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-190

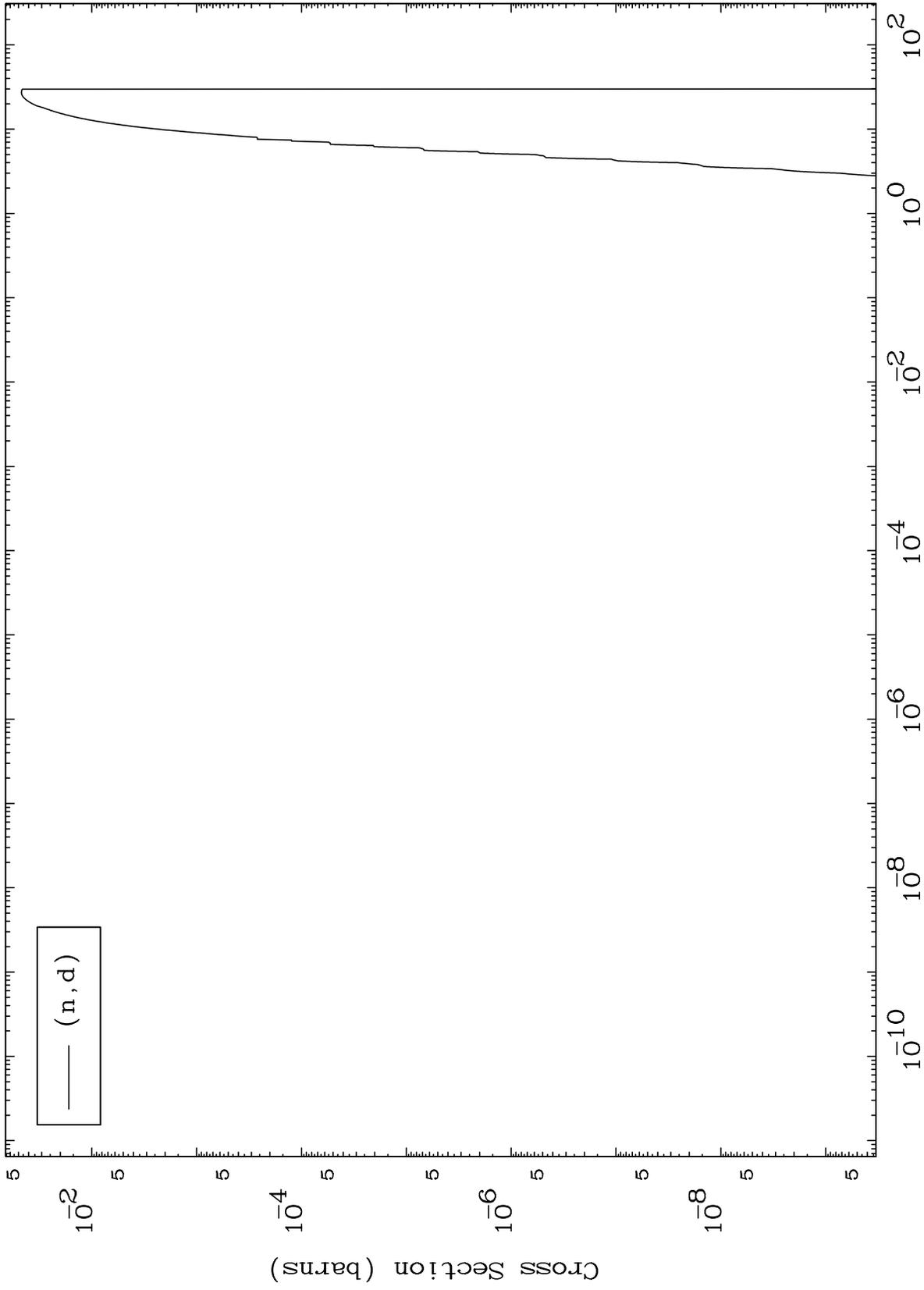


— (n, p)

MAT 8269

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-190



10

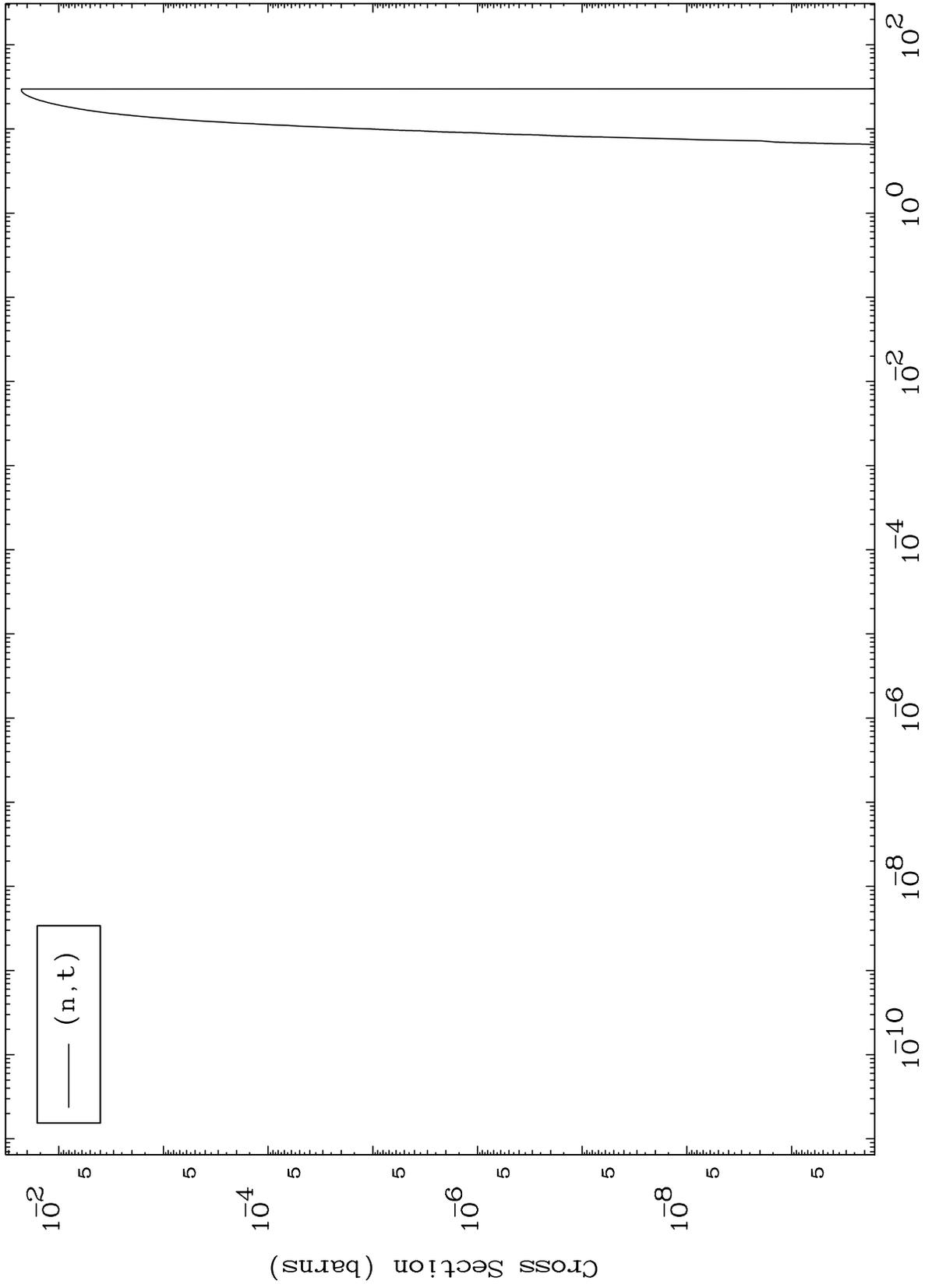
Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-190



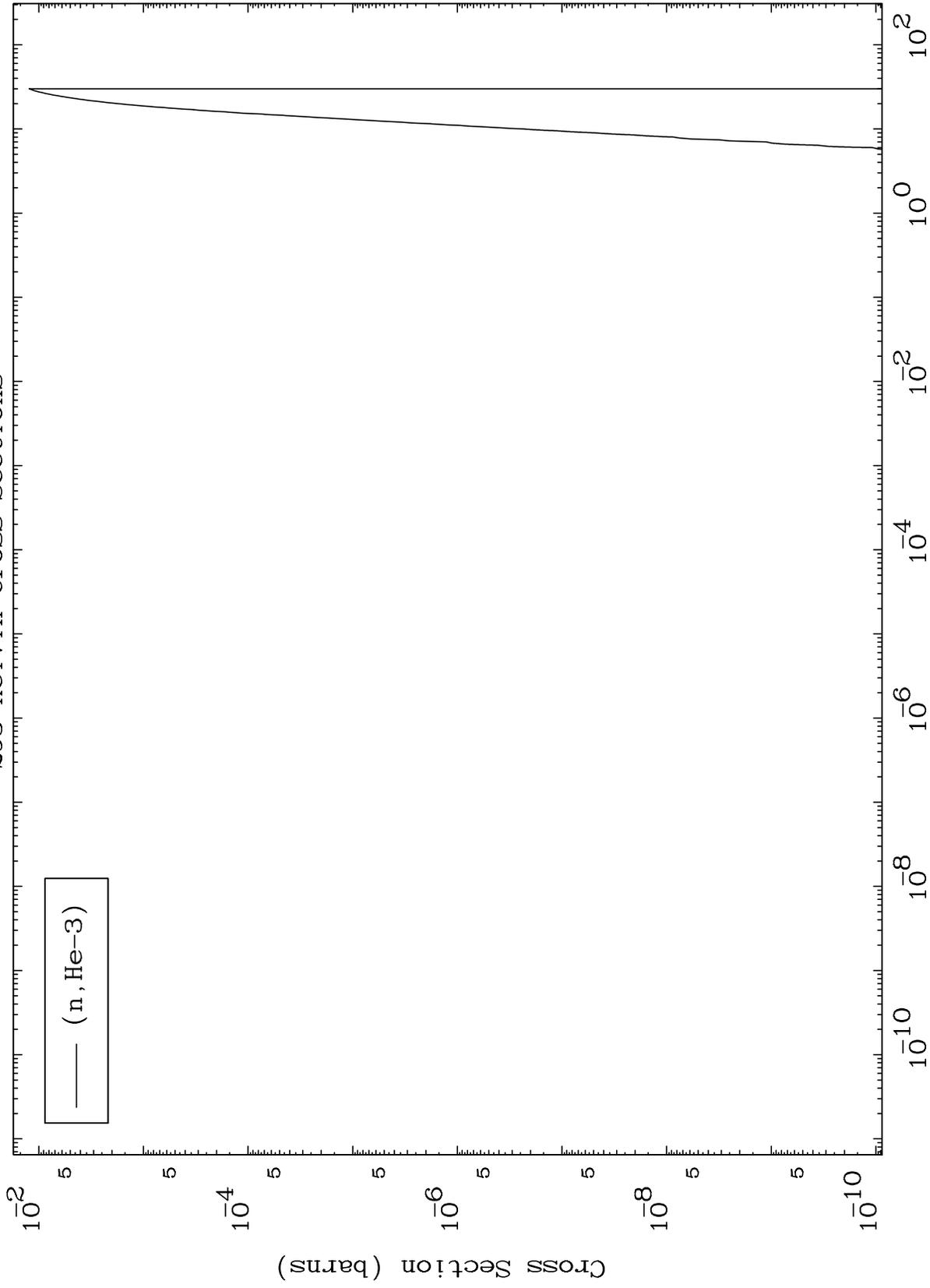
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83-Bi-190

MAT 8269

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-190



12

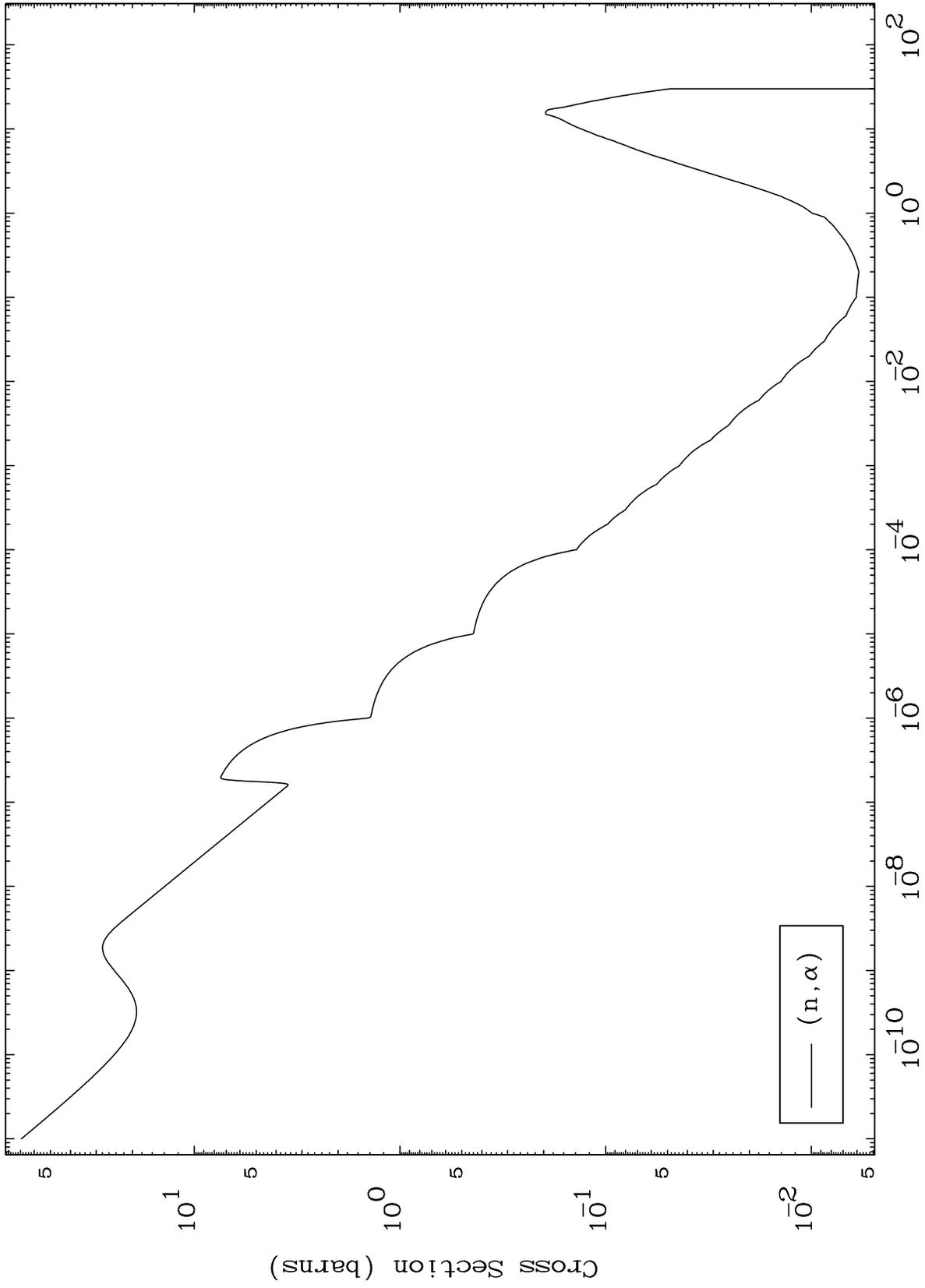
Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,α) Levels
293 Kelvin Cross Sections

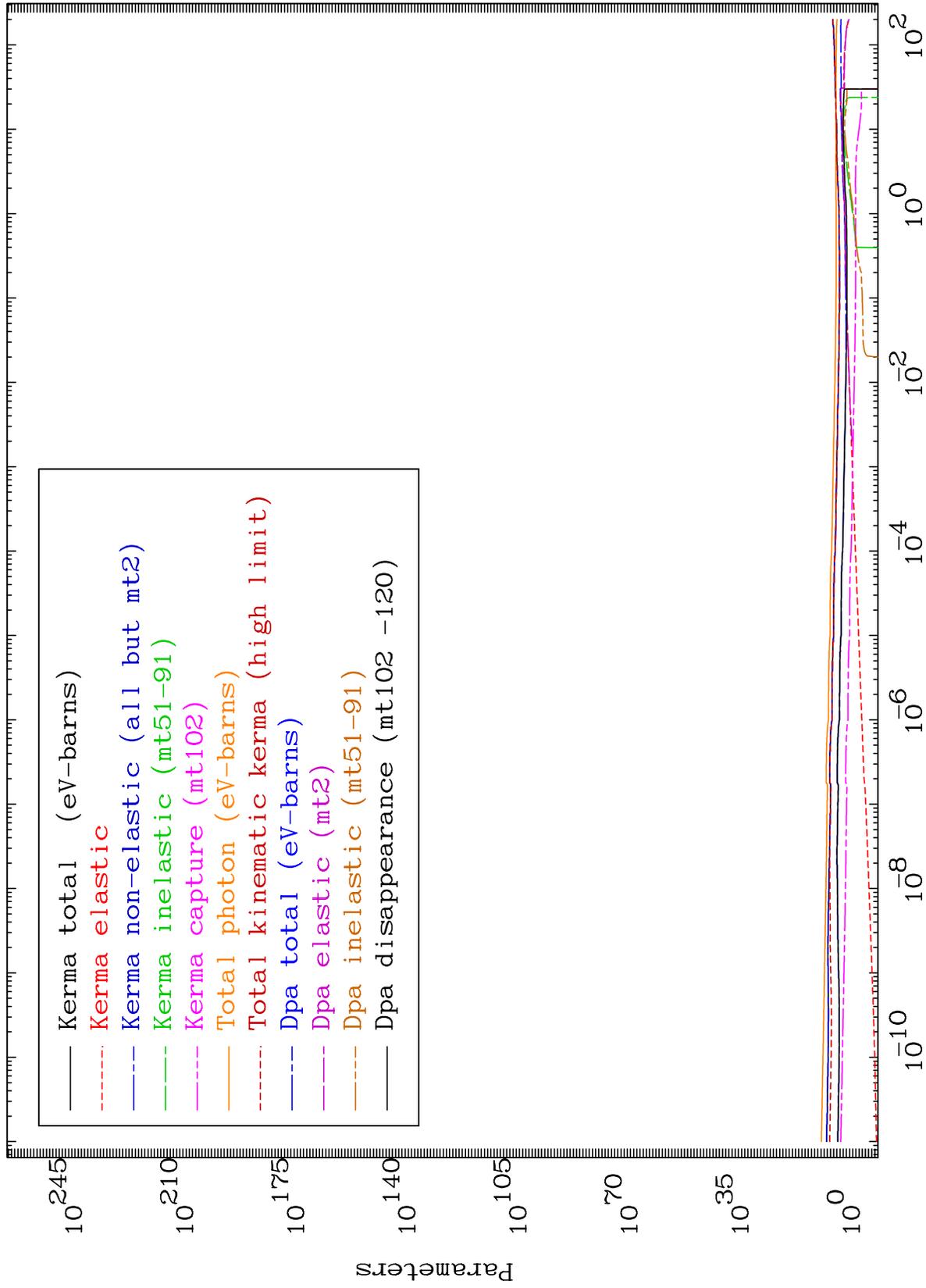
83-Bi-190



13

Incident Energy (MeV)

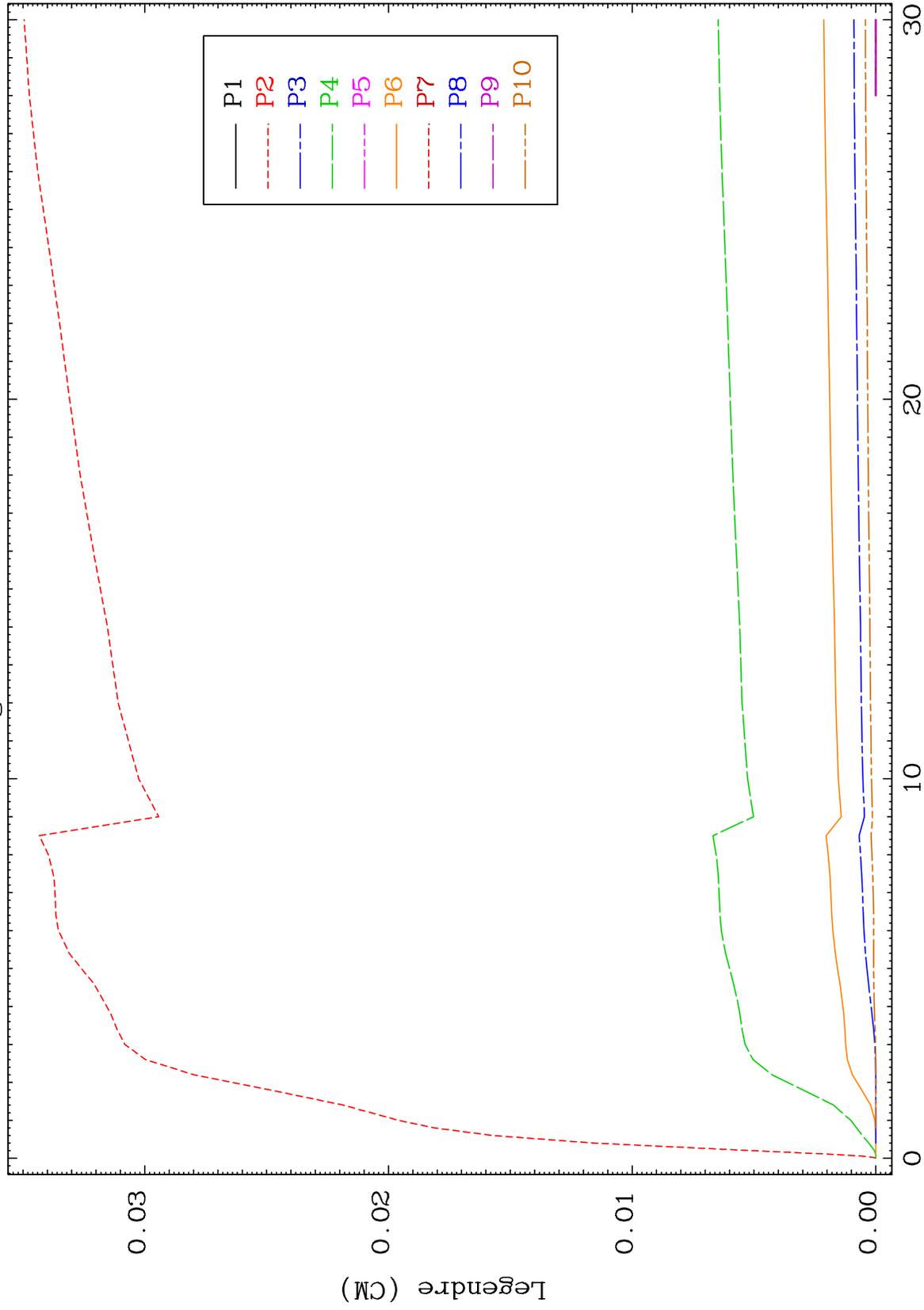
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MAT 8269

Elastic Legendre Coefficients

83-Bi-190



15

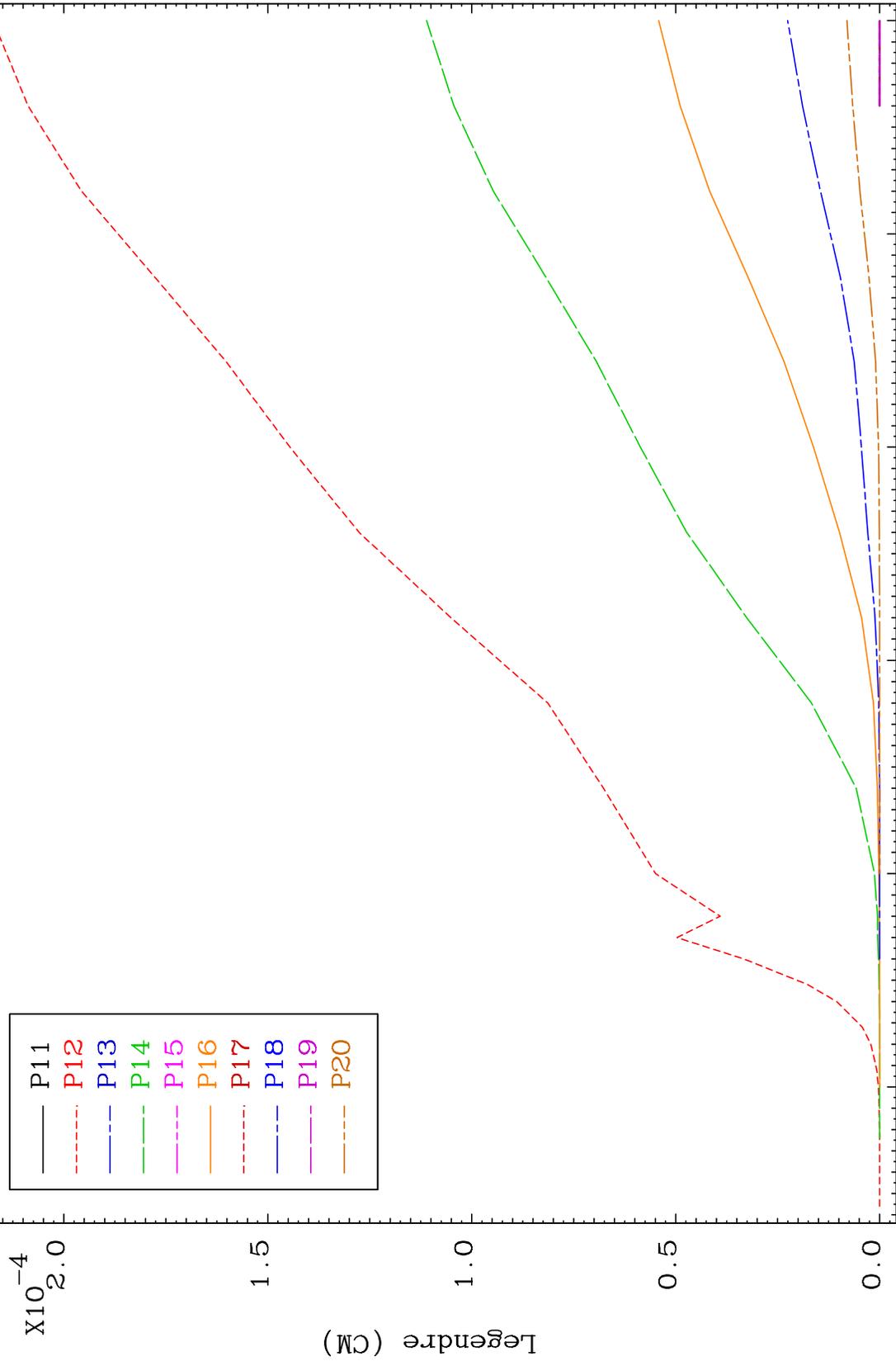
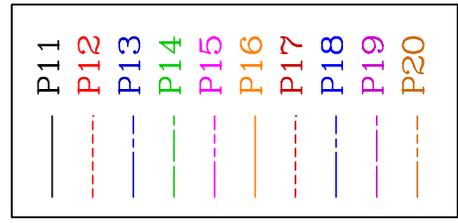
Incident Energy (MeV)

83-Bi-190

MAT 8269

Elastic Legendre Coefficients

83-Bi-190



16

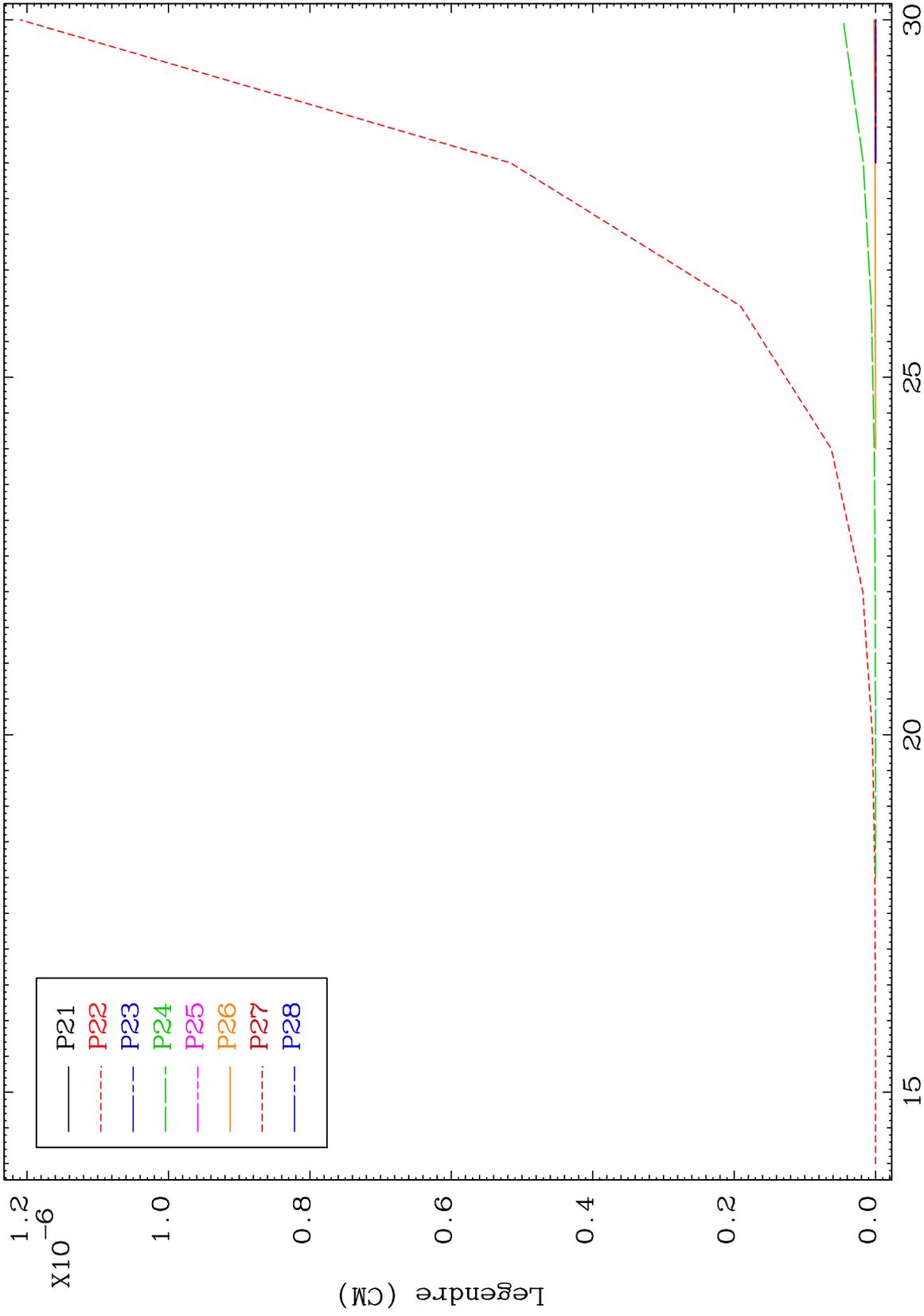
Incident Energy (MeV)

83-Bi-190

MAT 8269

Elastic Legendre Coefficients

83-Bi-190



17

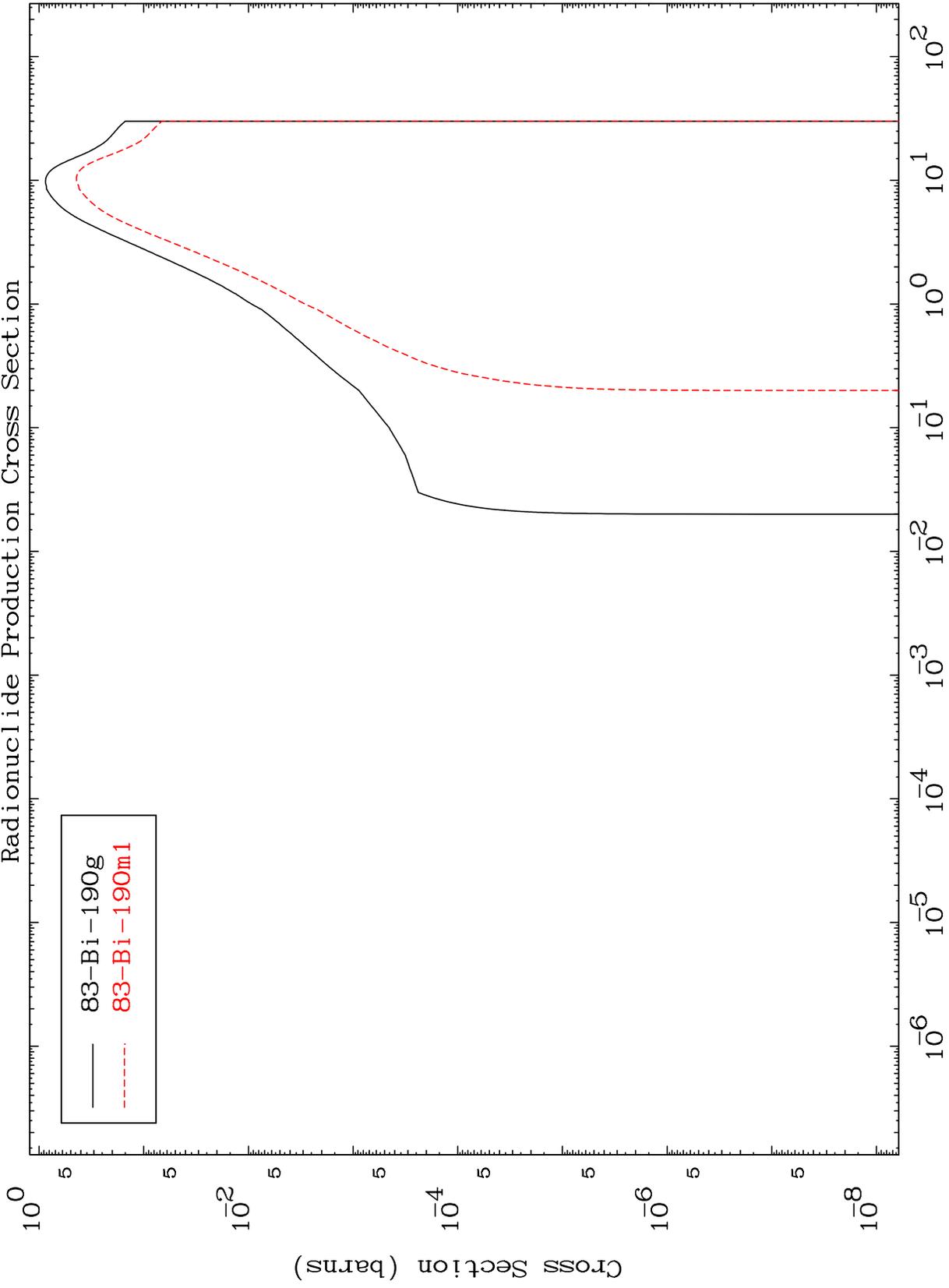
Incident Energy (MeV)

83-Bi-190

MAT 8269

Inelastic Radionuclide Production Cross Section

83-Bi-190



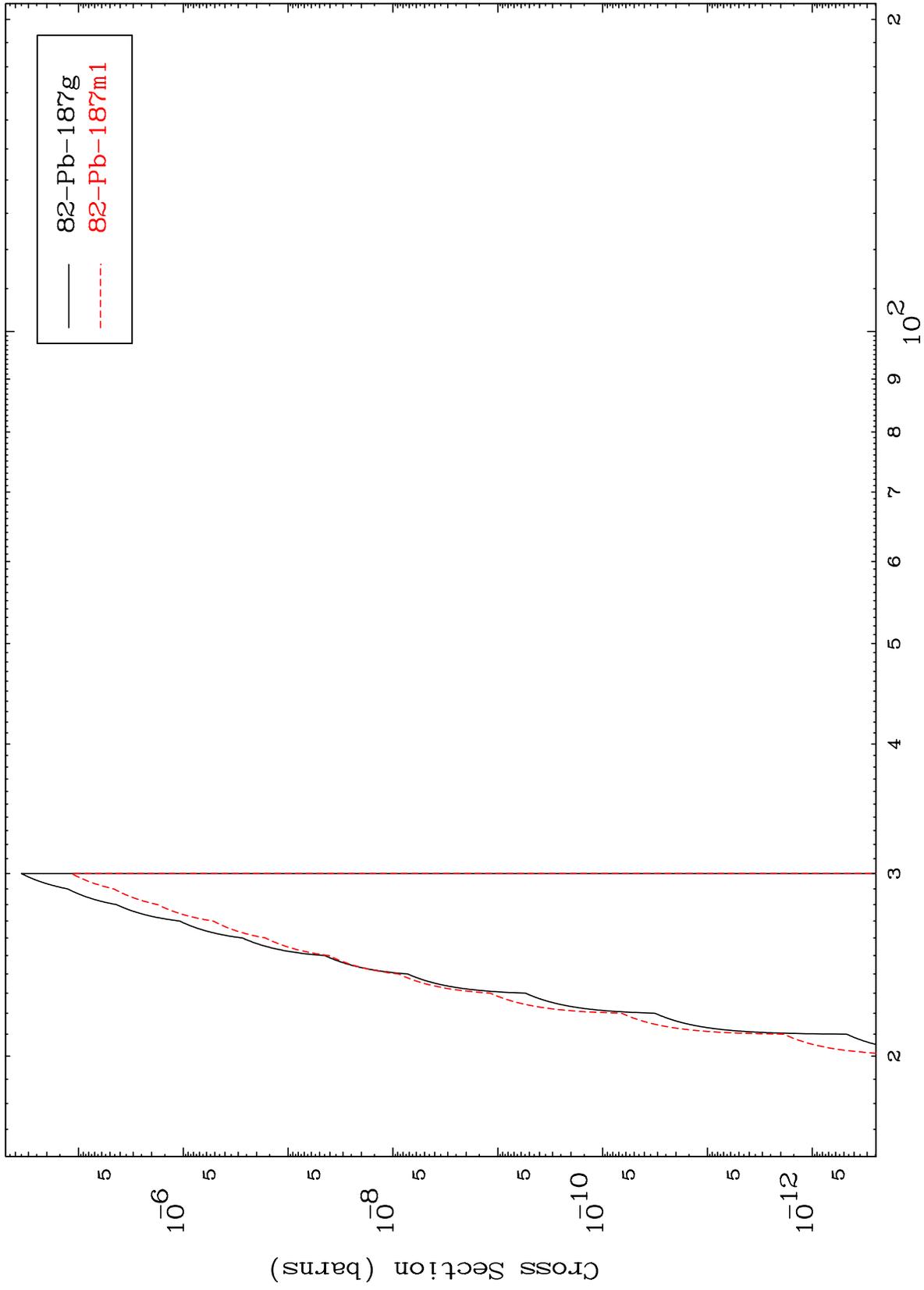
83-Bi-190g
83-Bi-190m1

MAT 8269

(n,2n) d

83-Bi-190

Radionuclide Production Cross Section



19

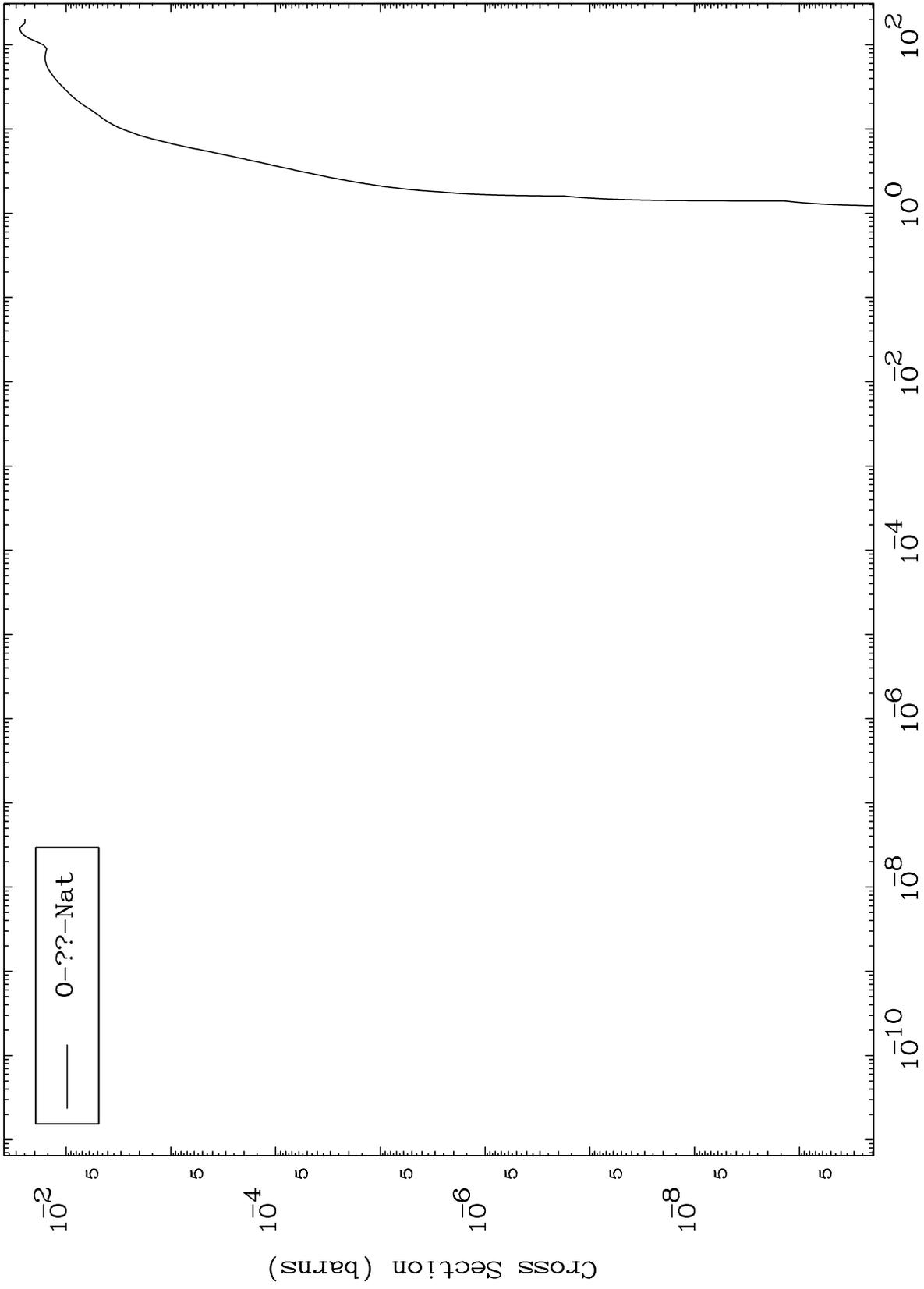
Incident Energy (MeV)

83-Bi-190

MAT 8269

Fission
Radionuclide Production Cross Section

83-Bi-190



— 0-??-Nat

20

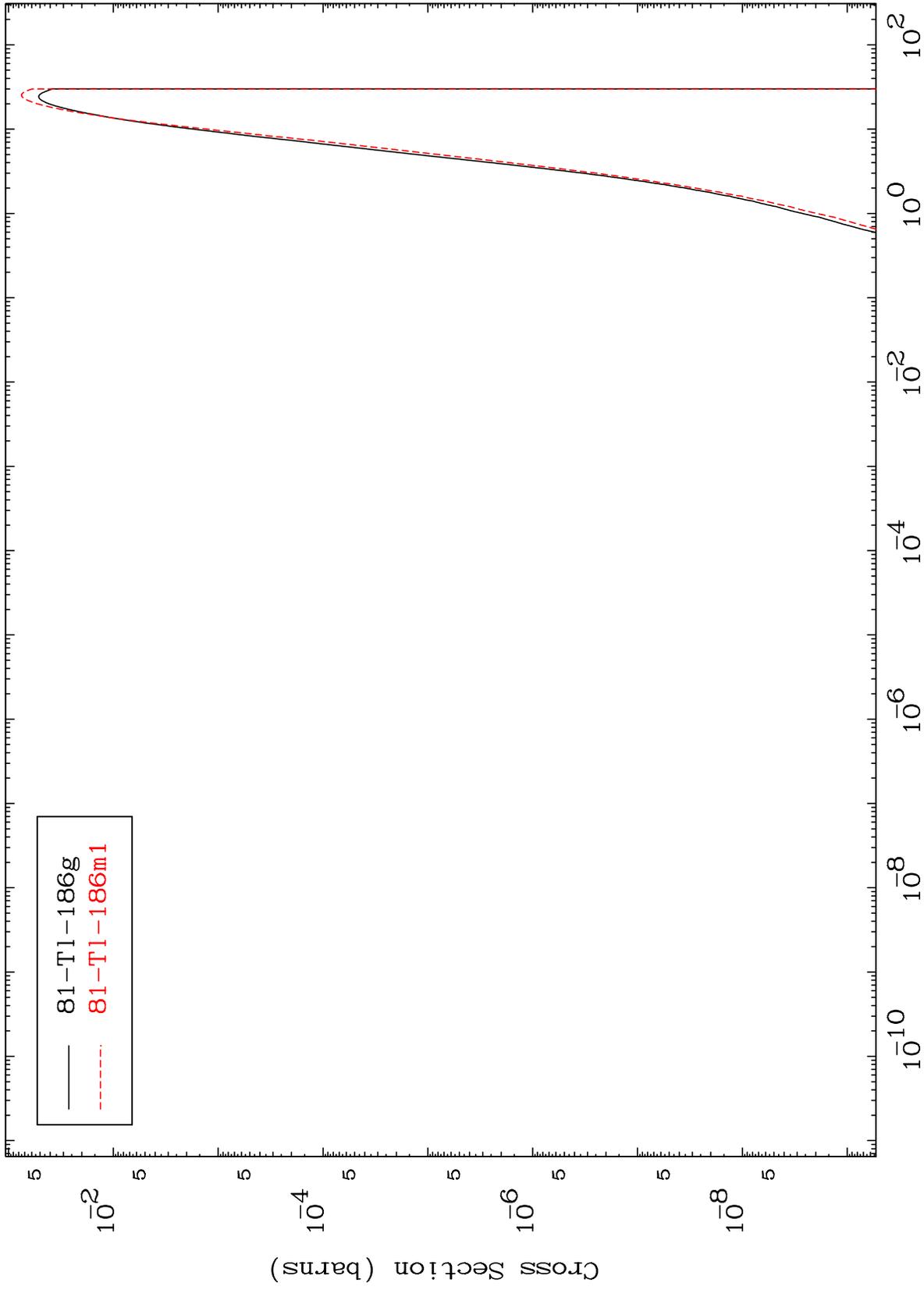
83-Bi-190

MAT 8269

(n,n') α

83-Bi-190

Radionuclide Production Cross Section



21

Incident Energy (MeV)

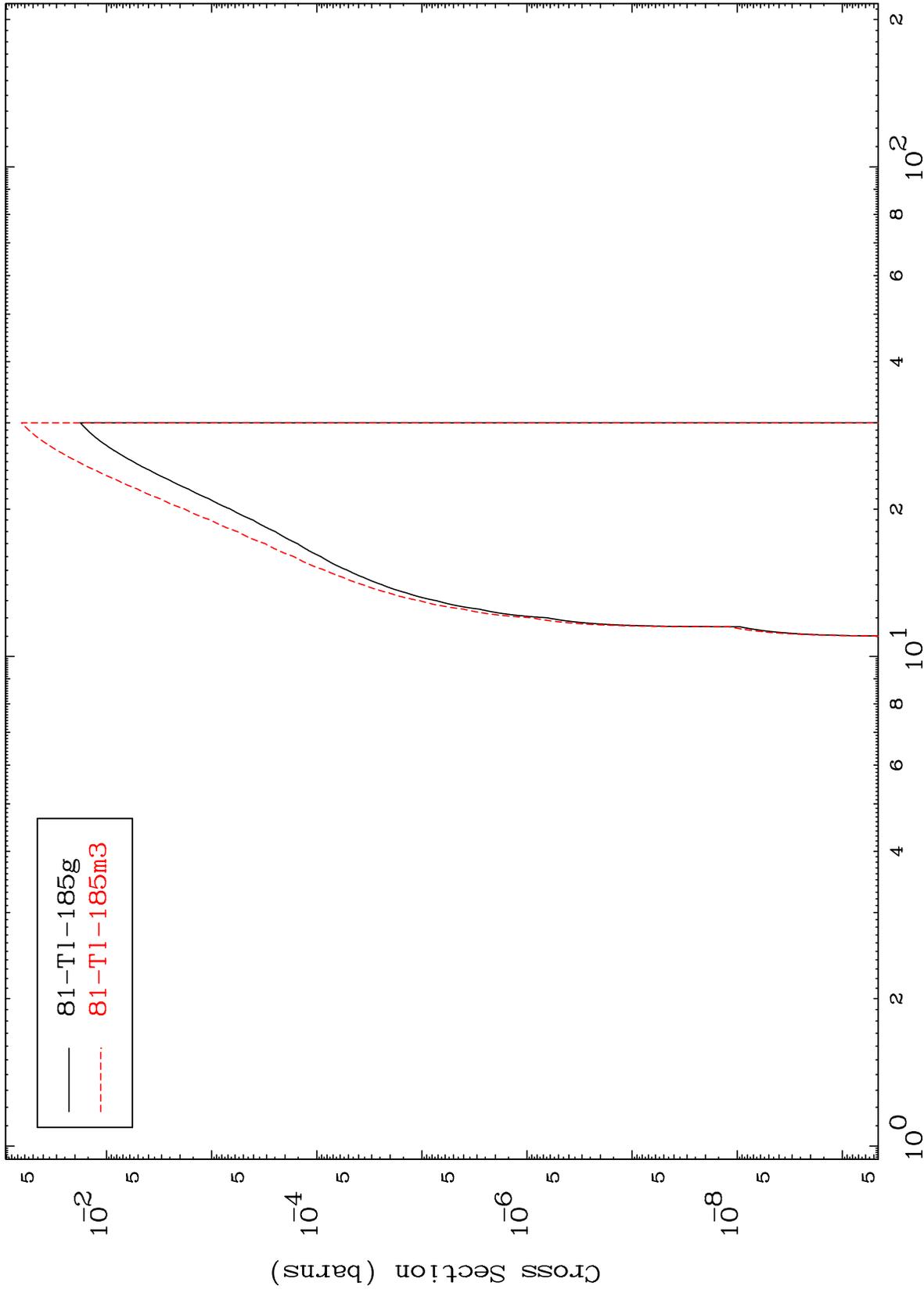
83-Bi-190

MAT 8269

(n,2n) α

83-Bi-190

Radionuclide Production Cross Section



22

Incident Energy (MeV)

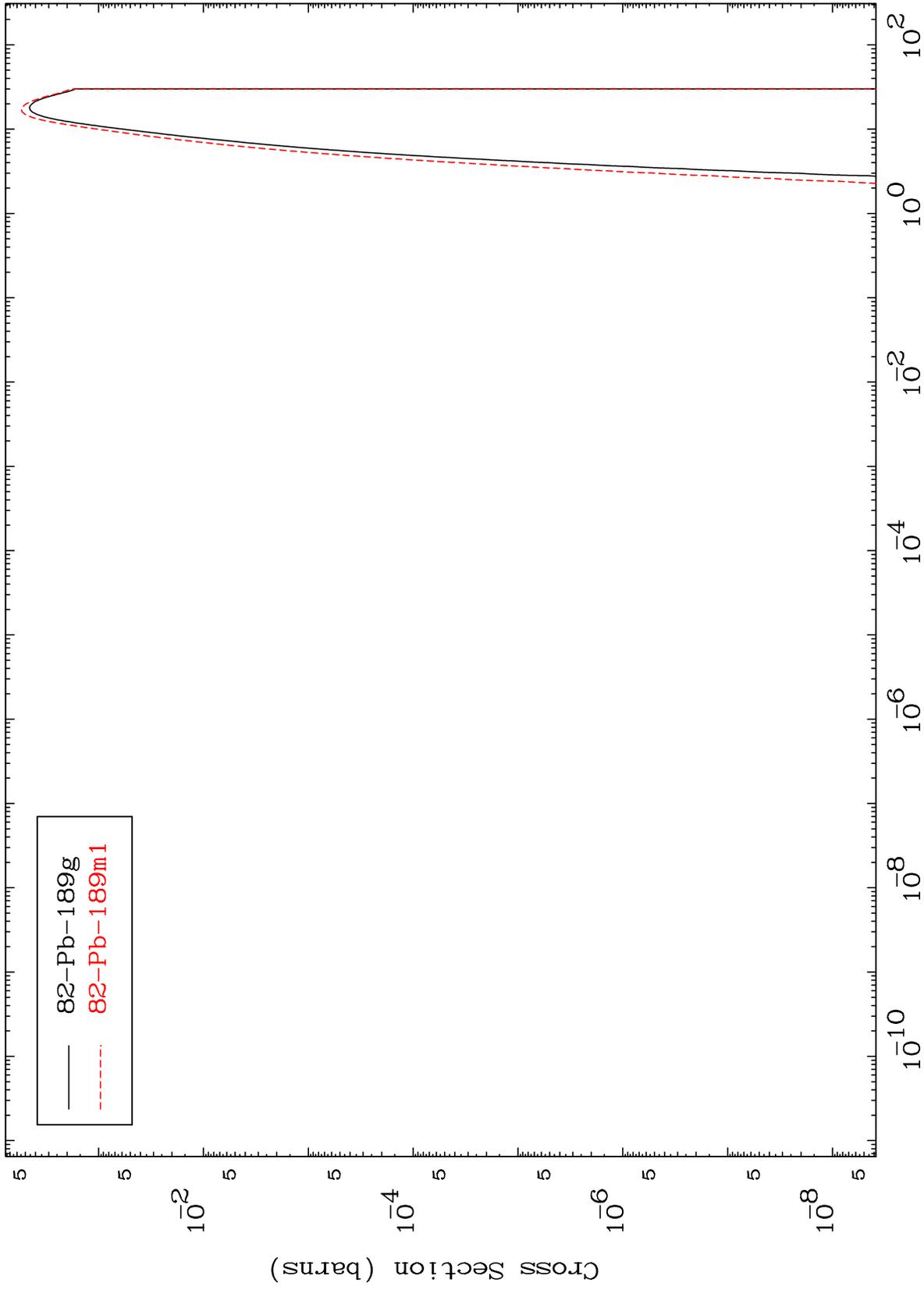
83-Bi-190

MAT 8269

(n,n') p

83-Bi-190

Radionuclide Production Cross Section



23

Incident Energy (MeV)

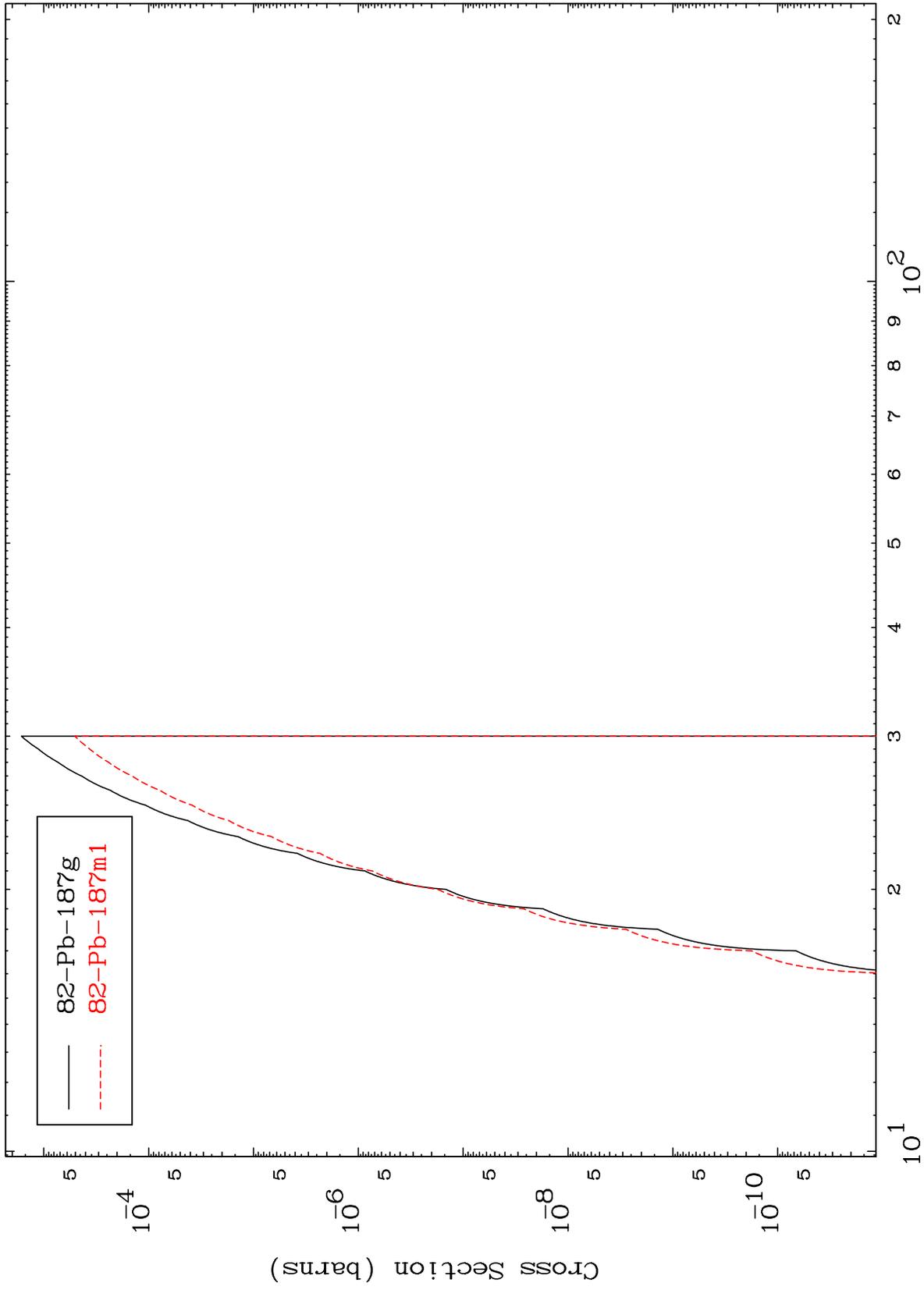
83-Bi-190

MAT 8269

(n,n') t

83-Bi-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

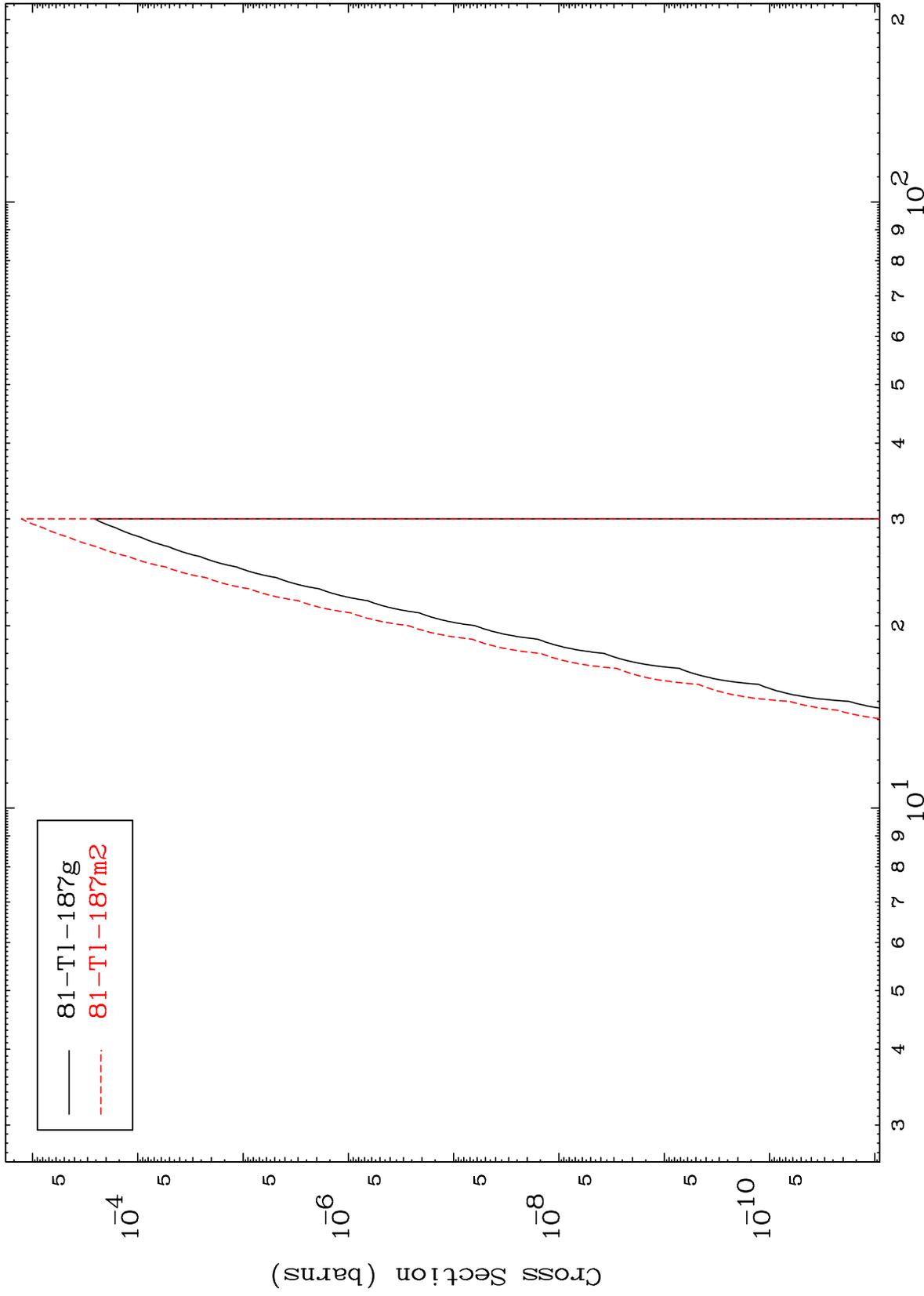
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MAT 8269

(n, n') He-3

83-Bi-190

Radionuclide Production Cross Section



25

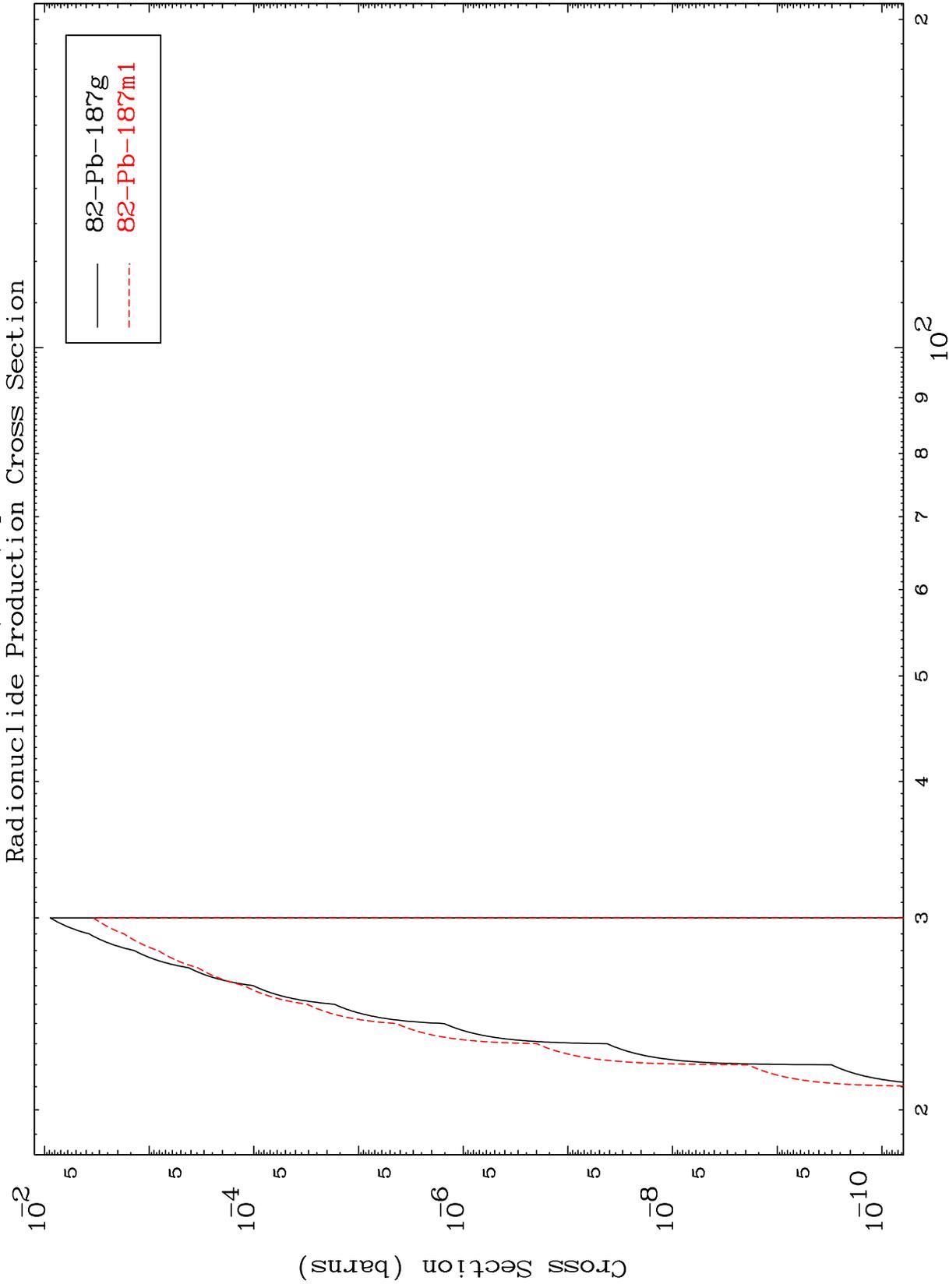
Incident Energy (MeV)

83-Bi-190

MAT 8269

(n,3n) p

83-Bi-190



26

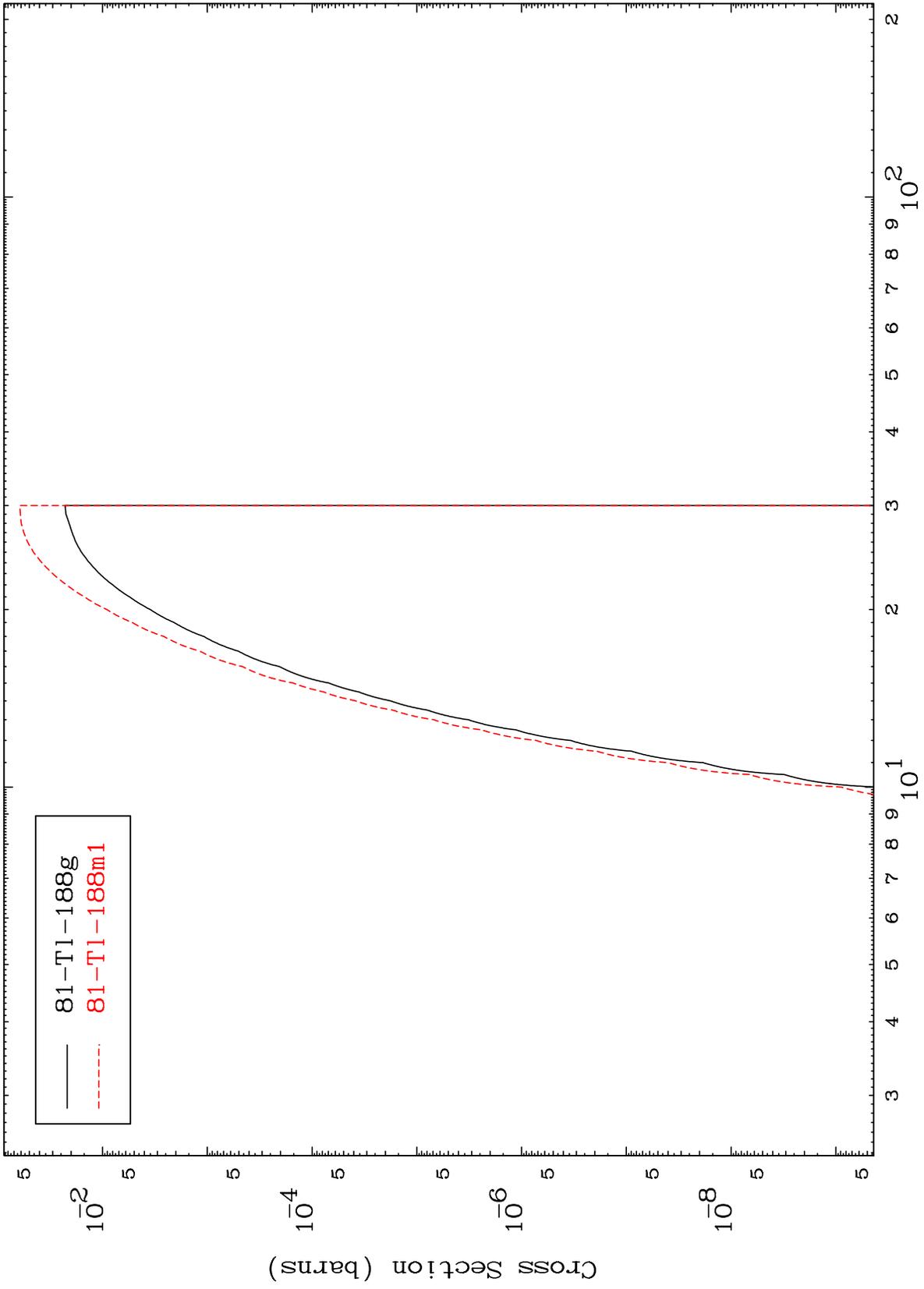
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

(n,2n) p
Radionuclide Production Cross Section



27

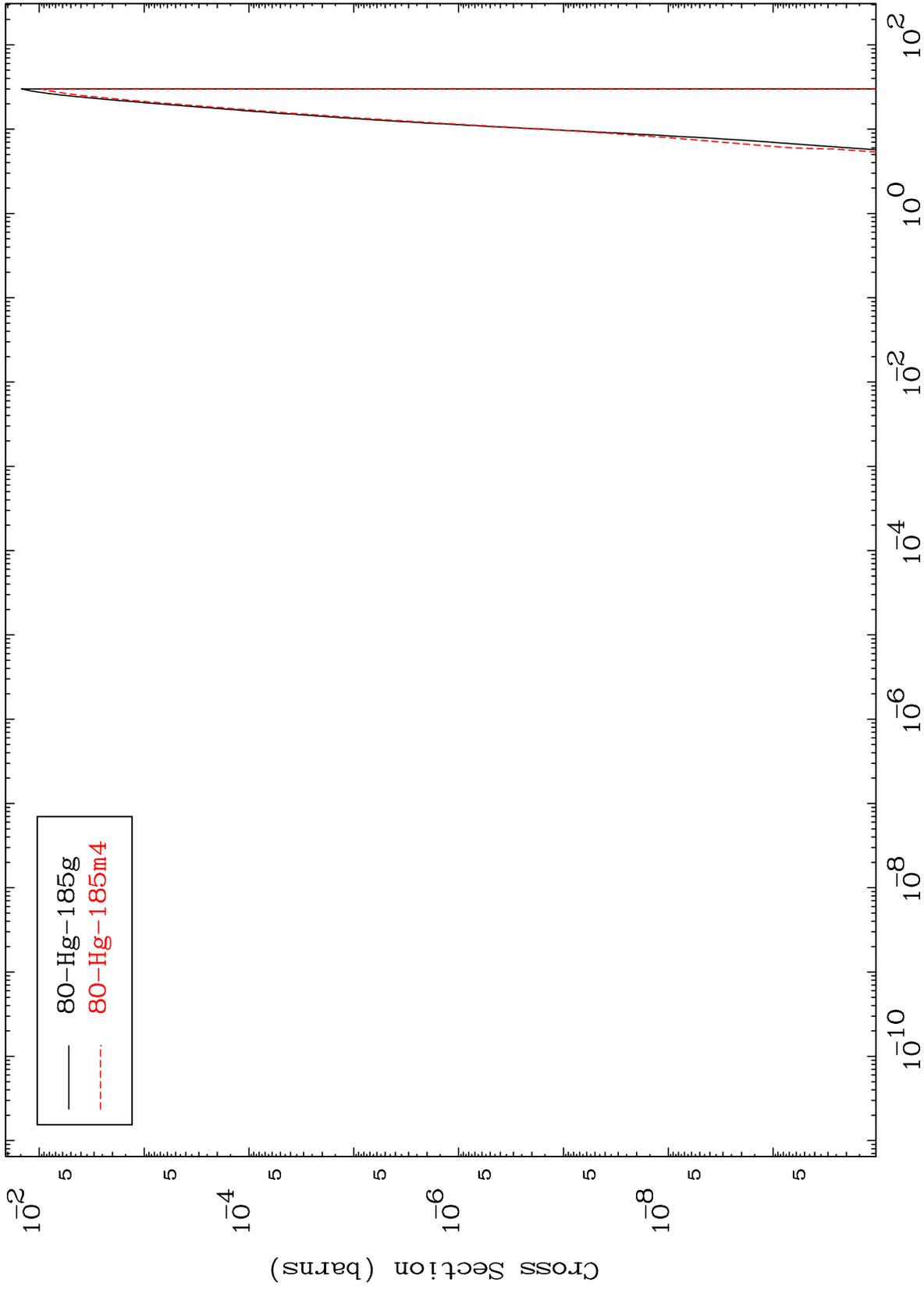
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MAT 8269

(n,n') p α

83-Bi-190

Radionuclide Production Cross Section



28

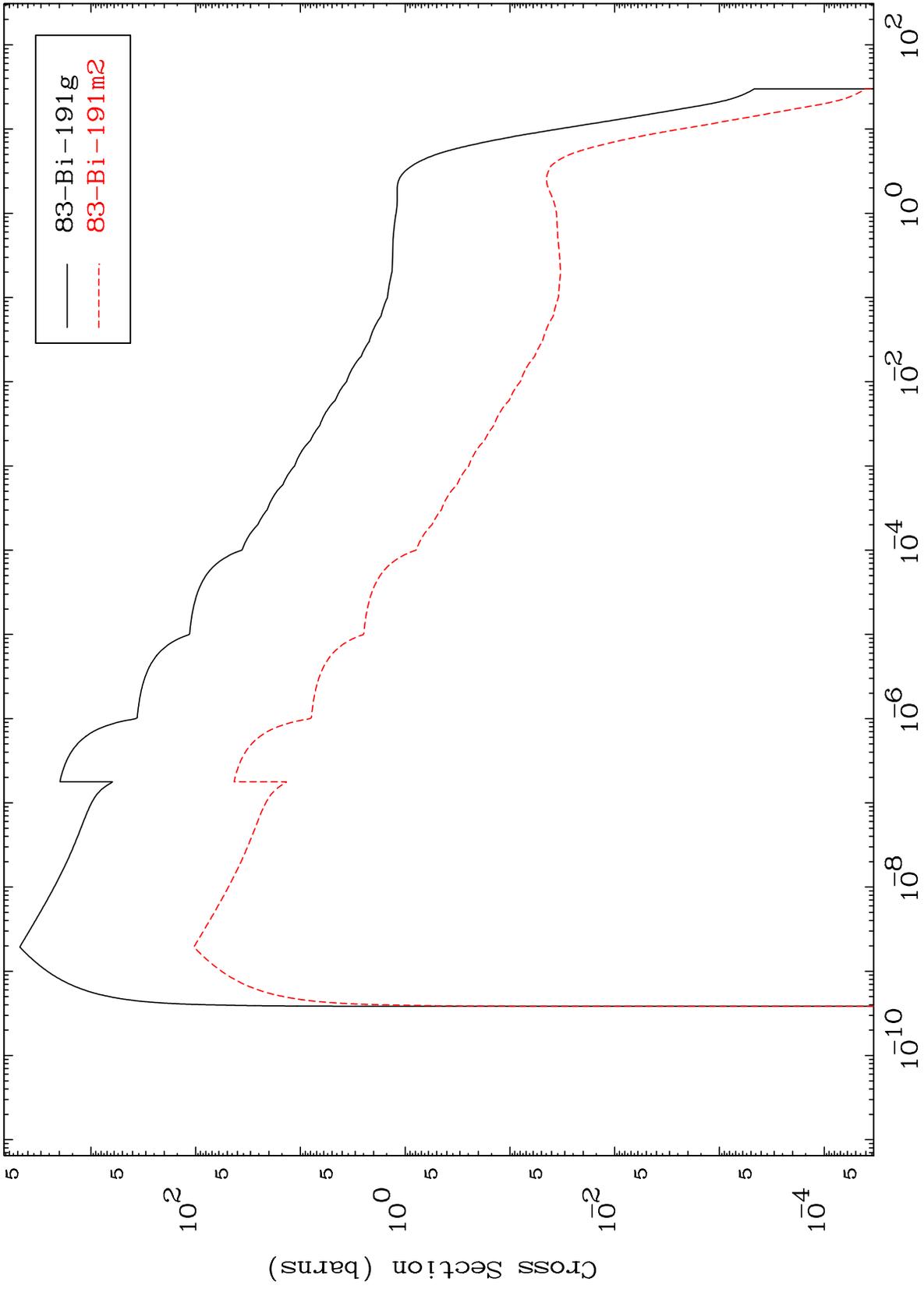
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

(n,γ)
Radionuclide Production Cross Section



29

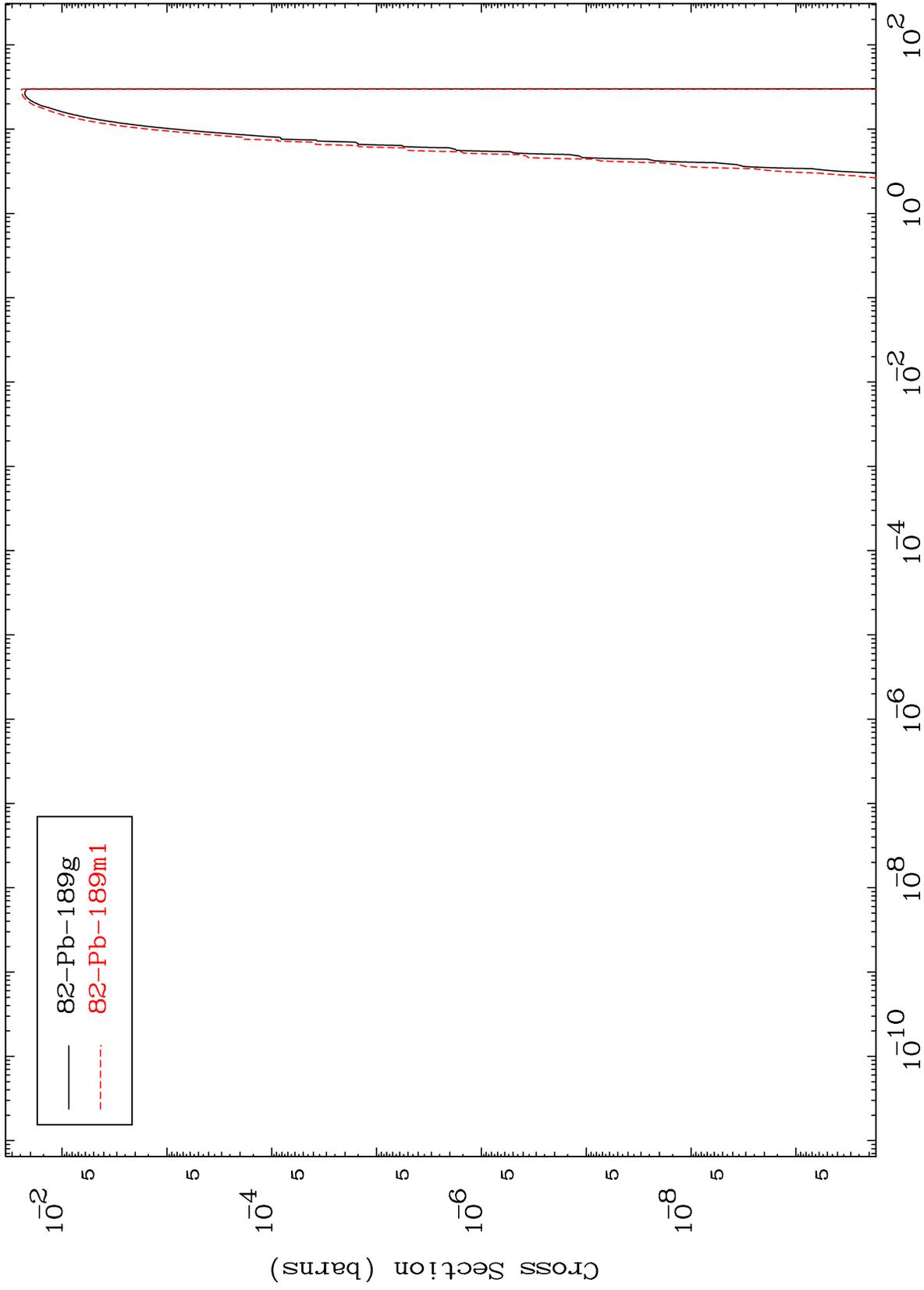
83-Bi-190

MAT 8269

(n,d)

83-Bi-190

Radionuclide Production Cross Section



30

Incident Energy (MeV)

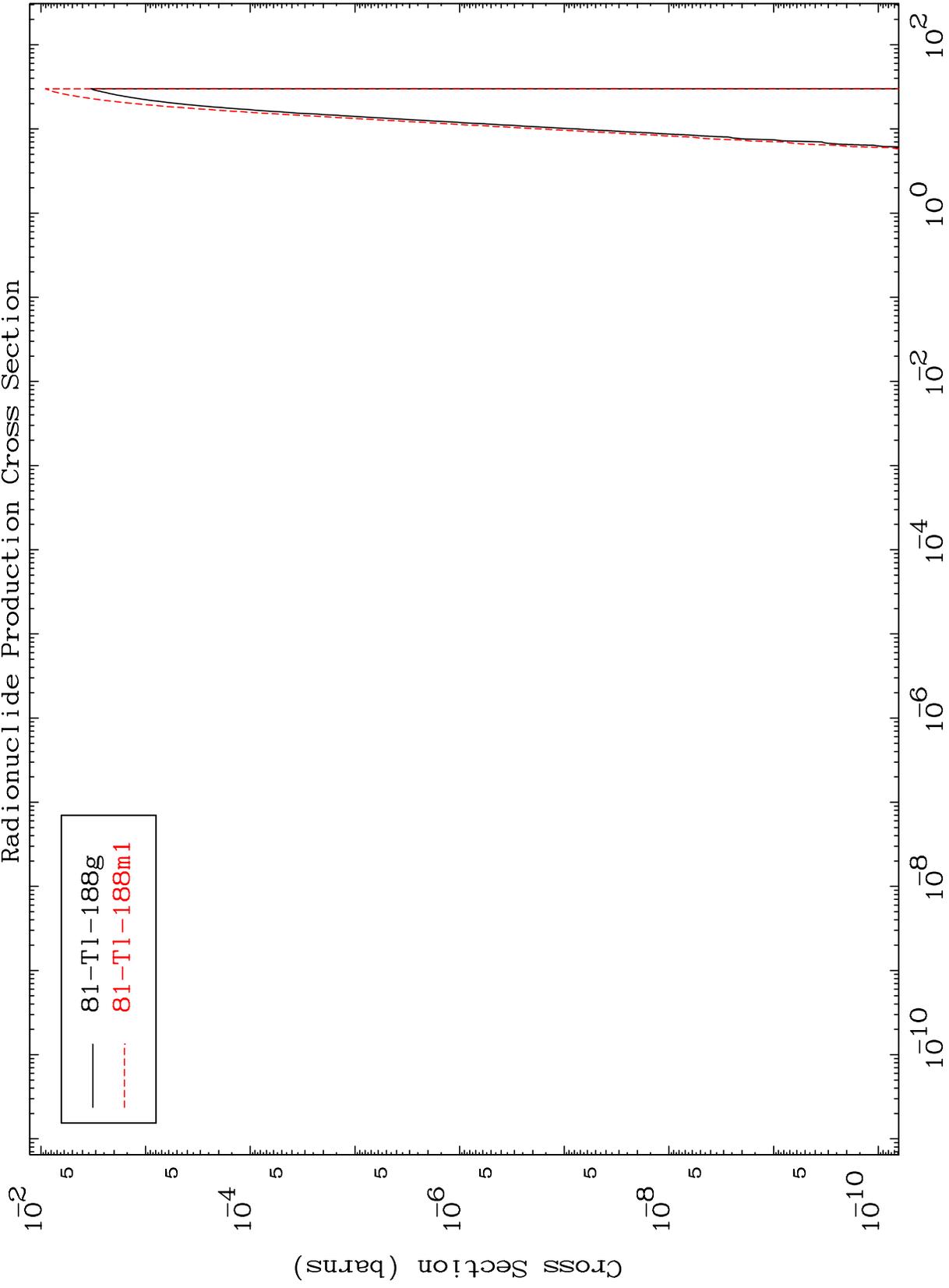
83-Bi-190

MAT 8269

(n, He-3)

83-Bi-190

Radionuclide Production Cross Section



31

Incident Energy (MeV)

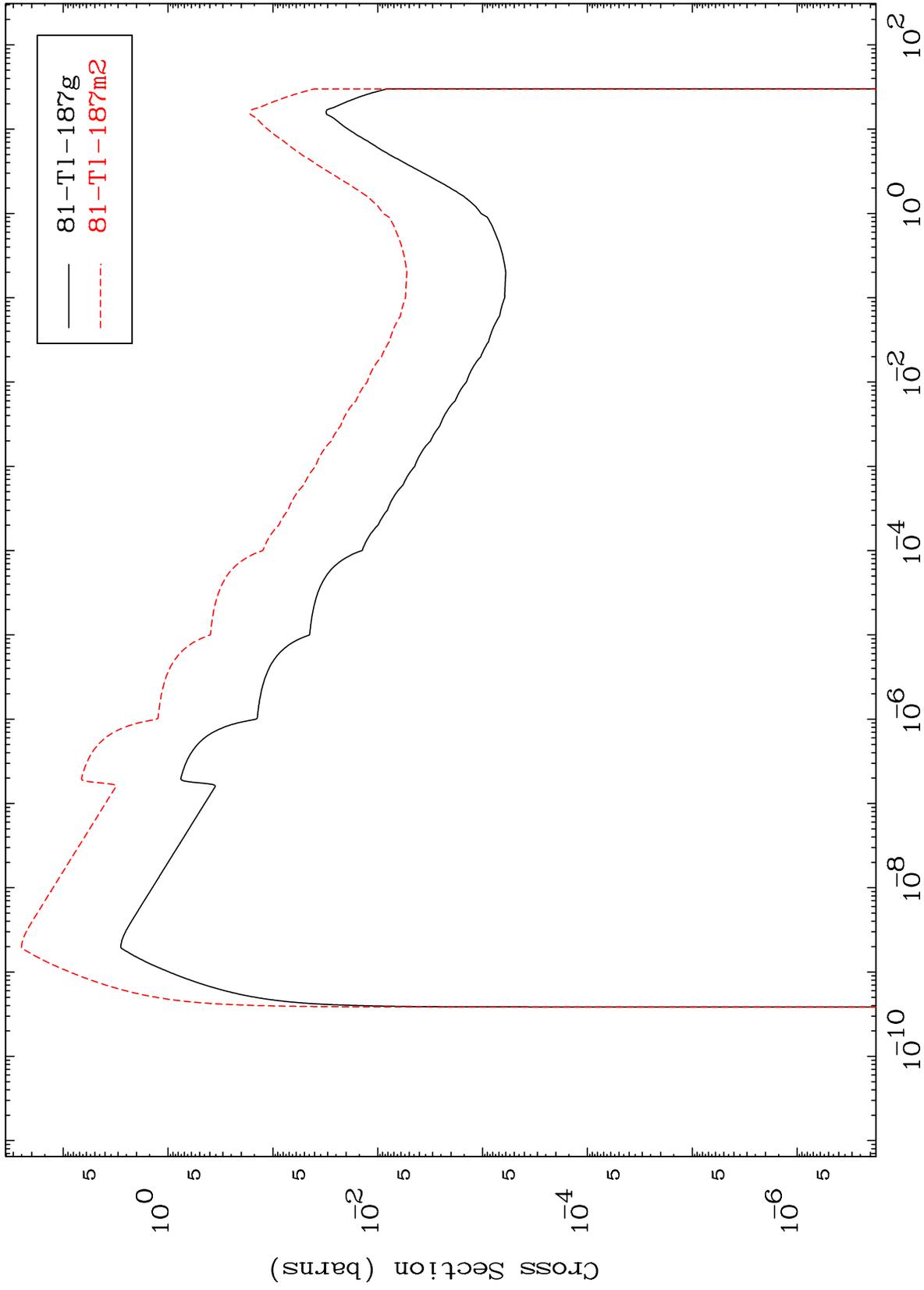
83-Bi-190

MAT 8269

(n, α)

83-Bi-190

Radionuclide Production Cross Section



32

Incident Energy (MeV)

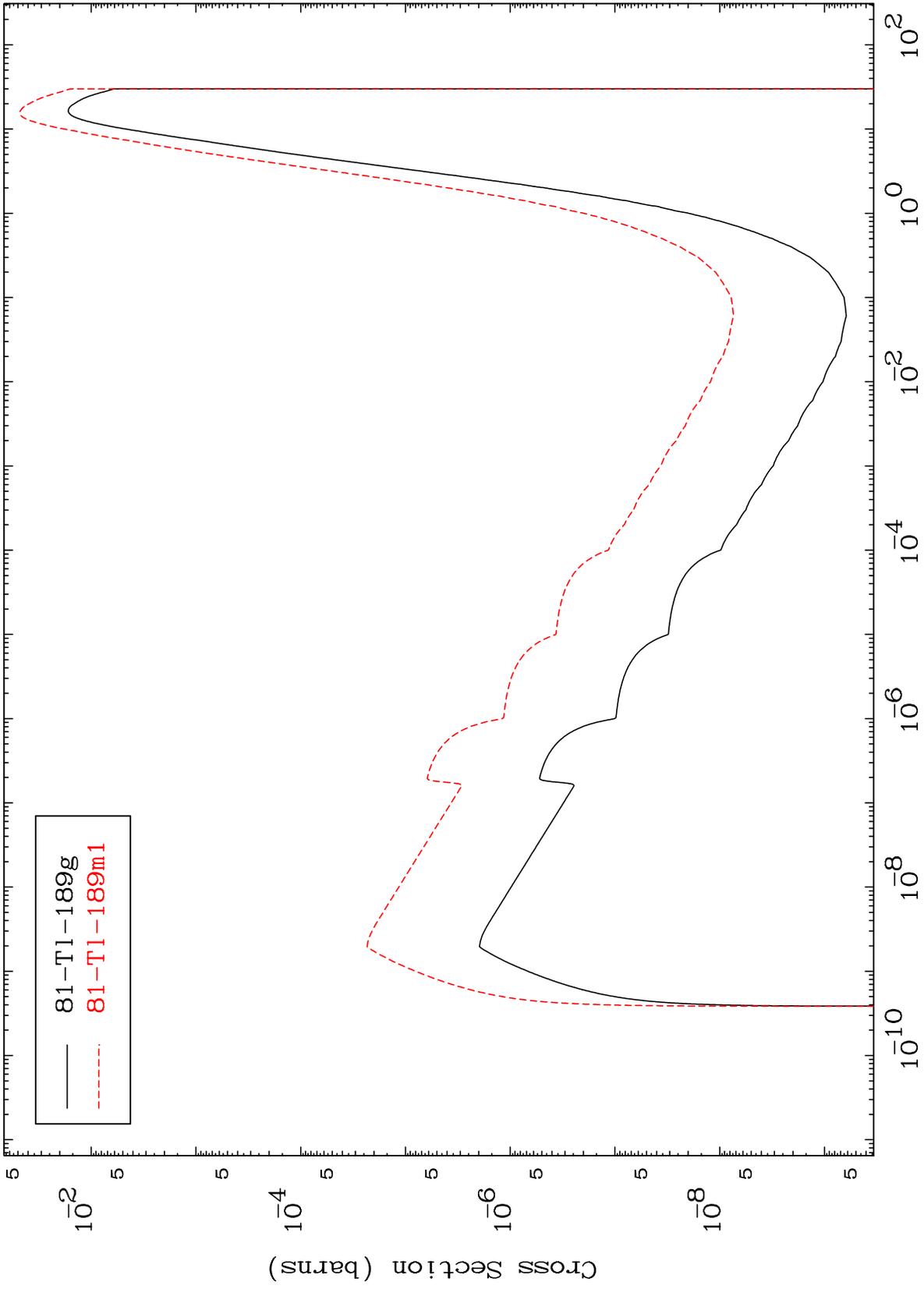
83-Bi-190

MAT 8269

(n,2p)

83-Bi-190

Radionuclide Production Cross Section



33

Incident Energy (MeV)

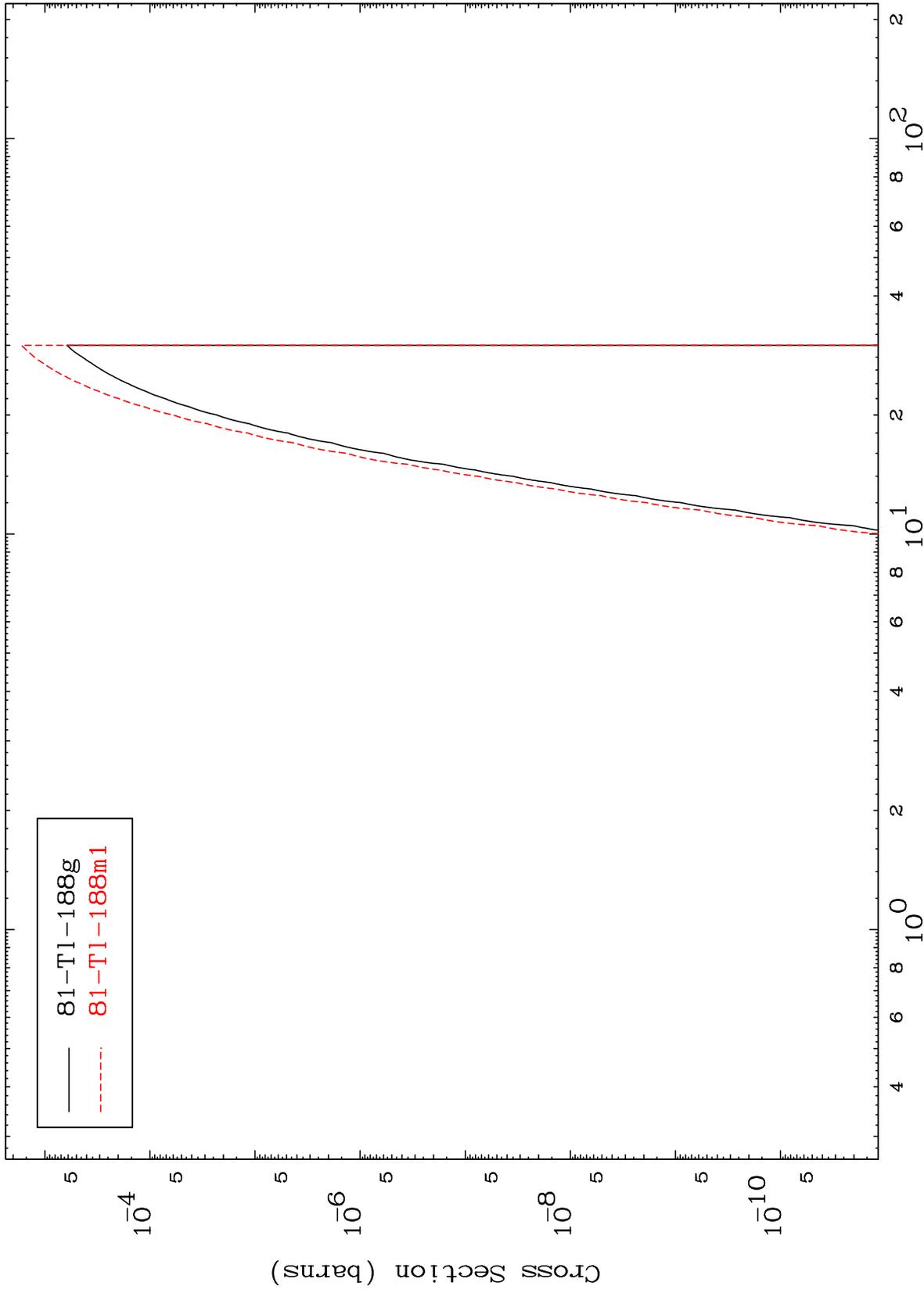
83-Bi-190

MAT 8269

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



34

Incident Energy (MeV)

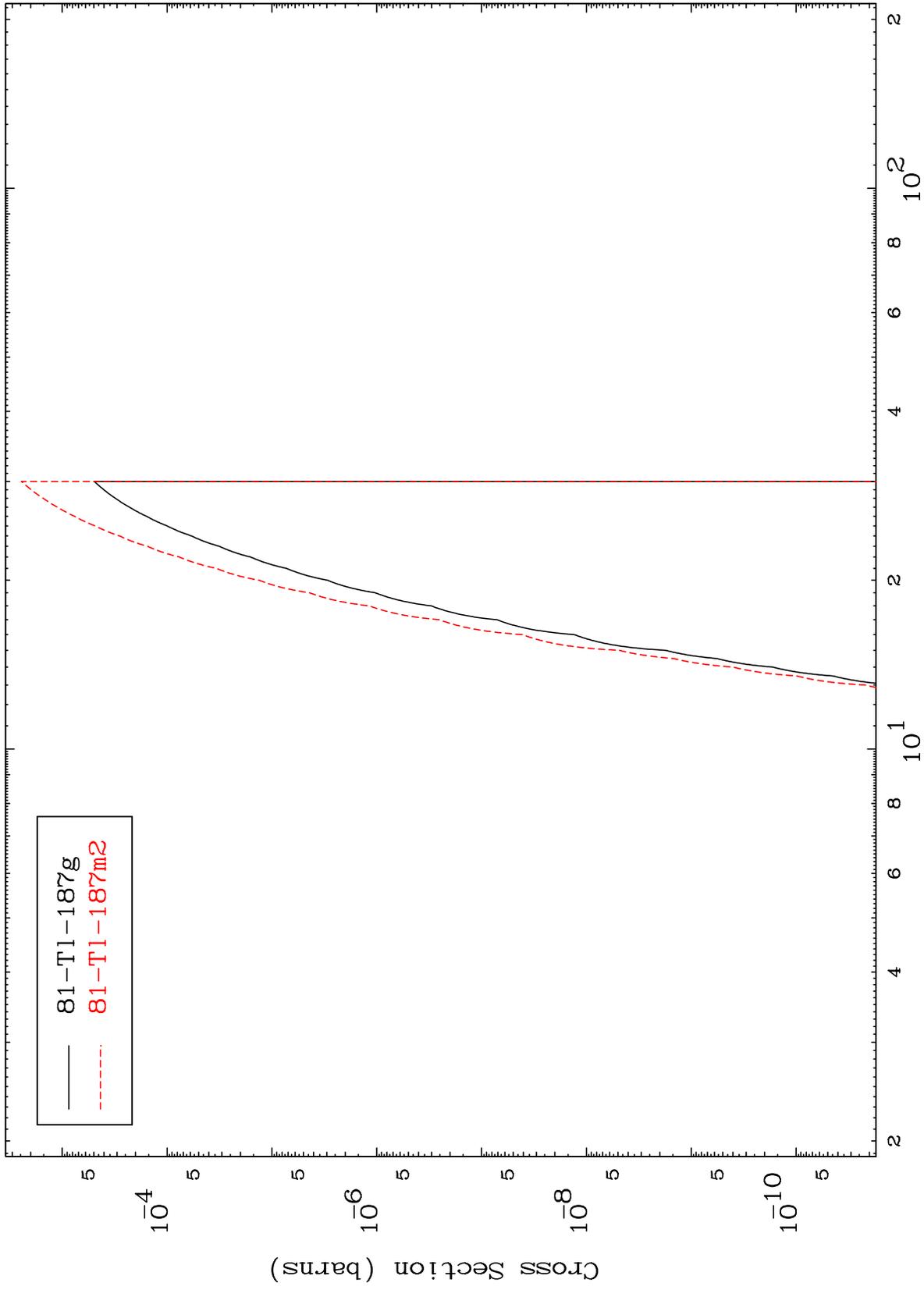
83-Bi-190

MAT 8269

(n,p) t

83-Bi-190

Radionuclide Production Cross Section



35

Incident Energy (MeV)

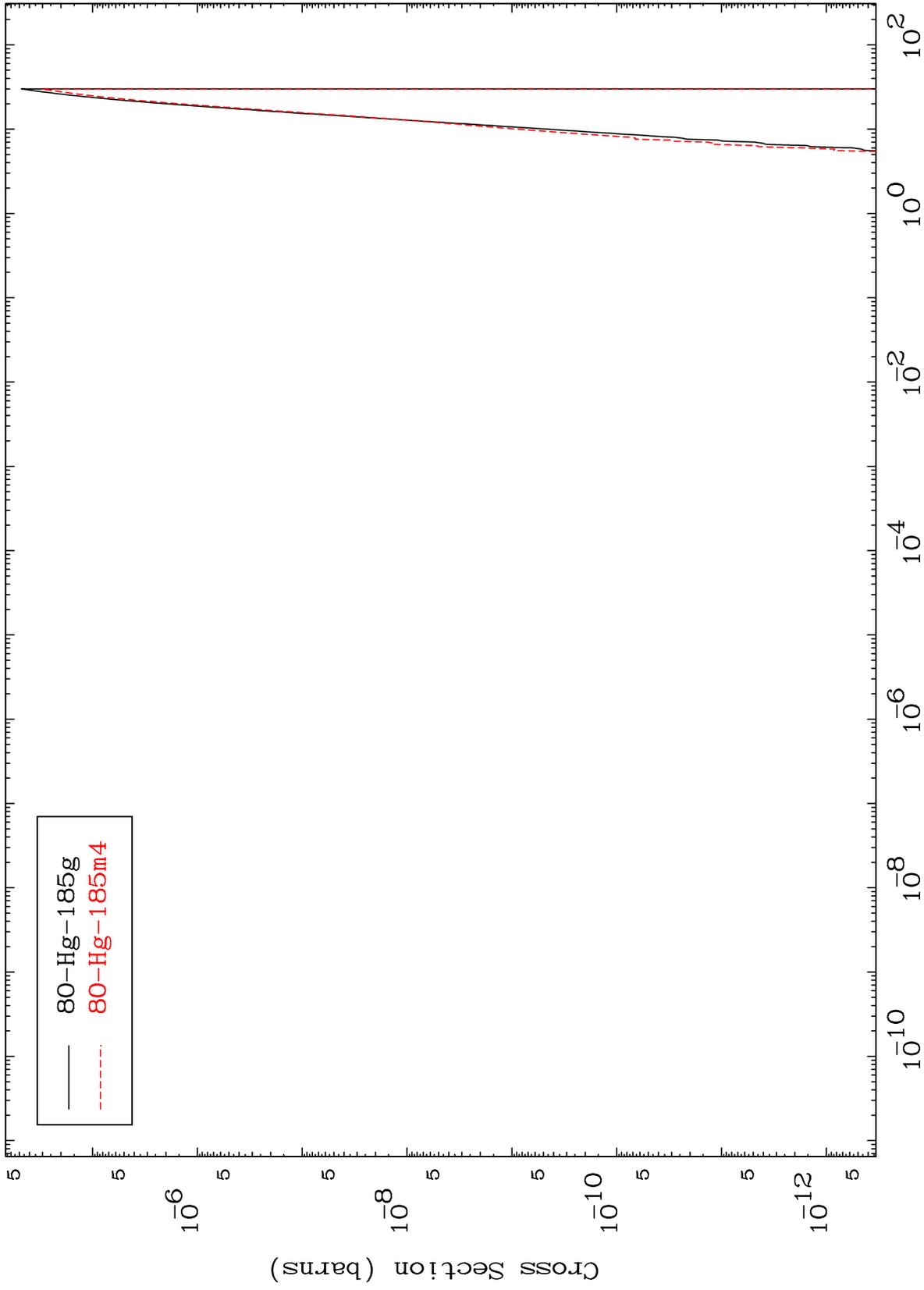
83-Bi-190

MAT 8269

(n,d) α

83-Bi-190

Radionuclide Production Cross Section



36

Incident Energy (MeV)

83-Bi-190