

Program EVALPLOT
(Version 2021-1)

by

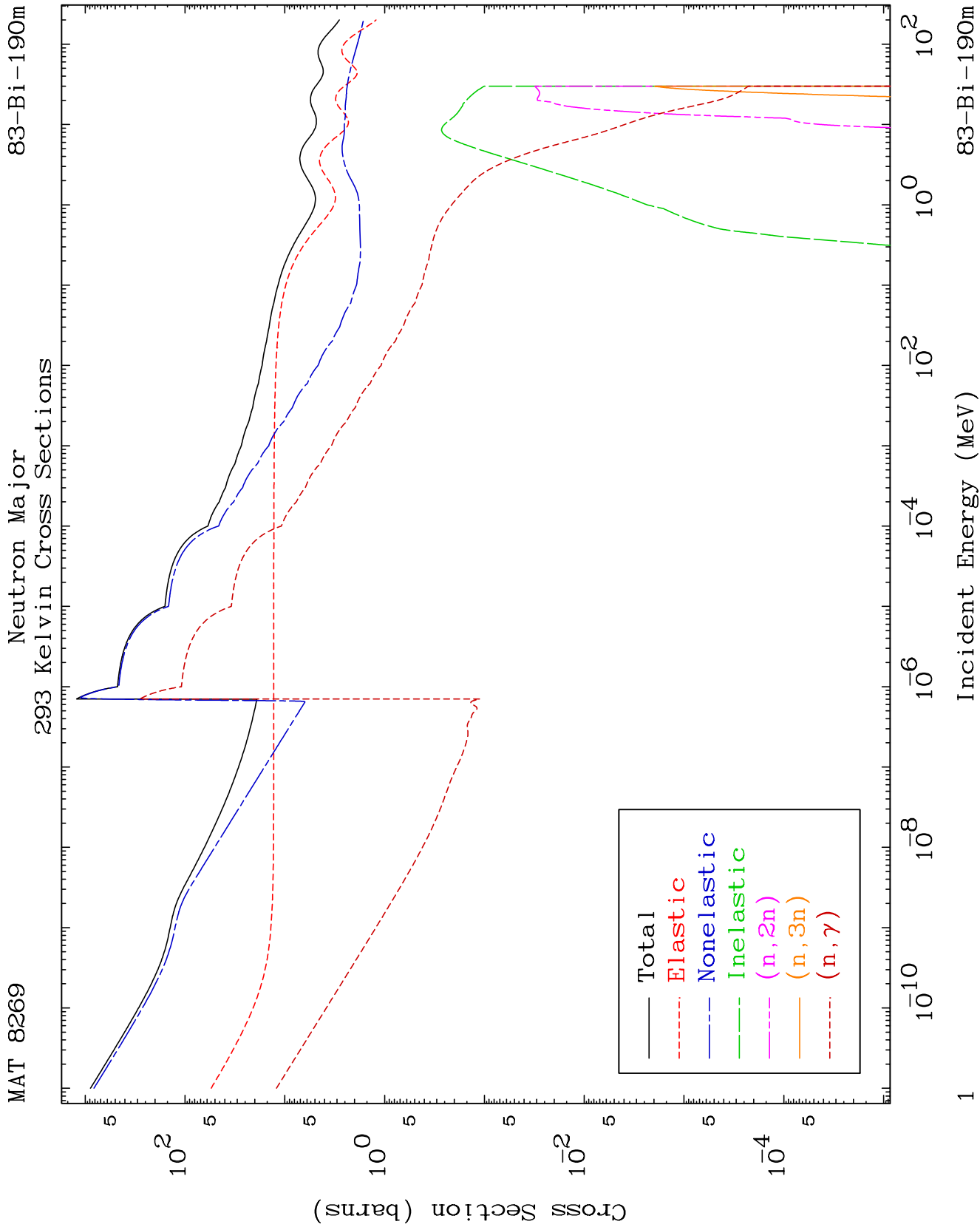
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

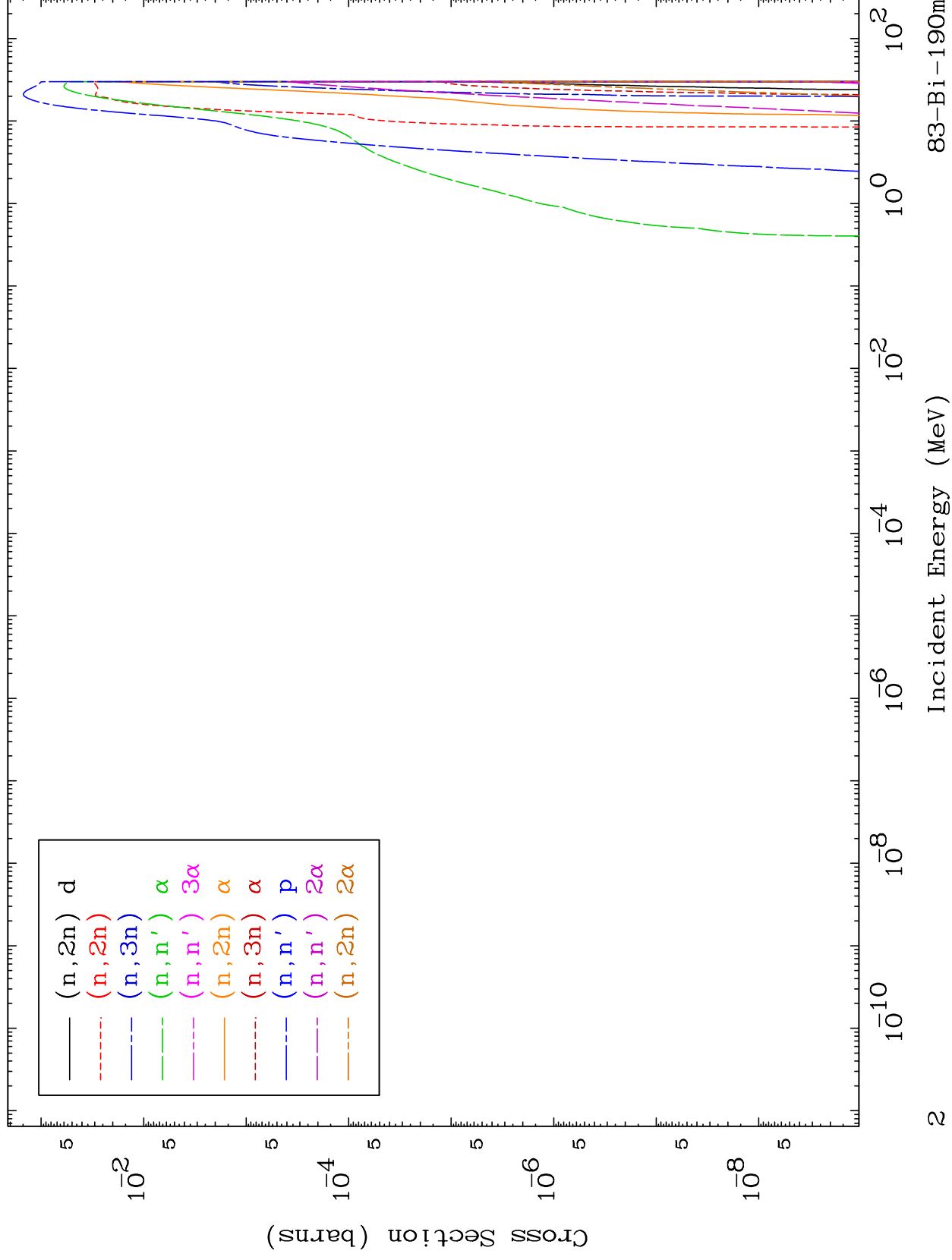
Press Mouse Button to Start



MAT 8269

Neutron Absorption
293 Kelvin Cross Sections

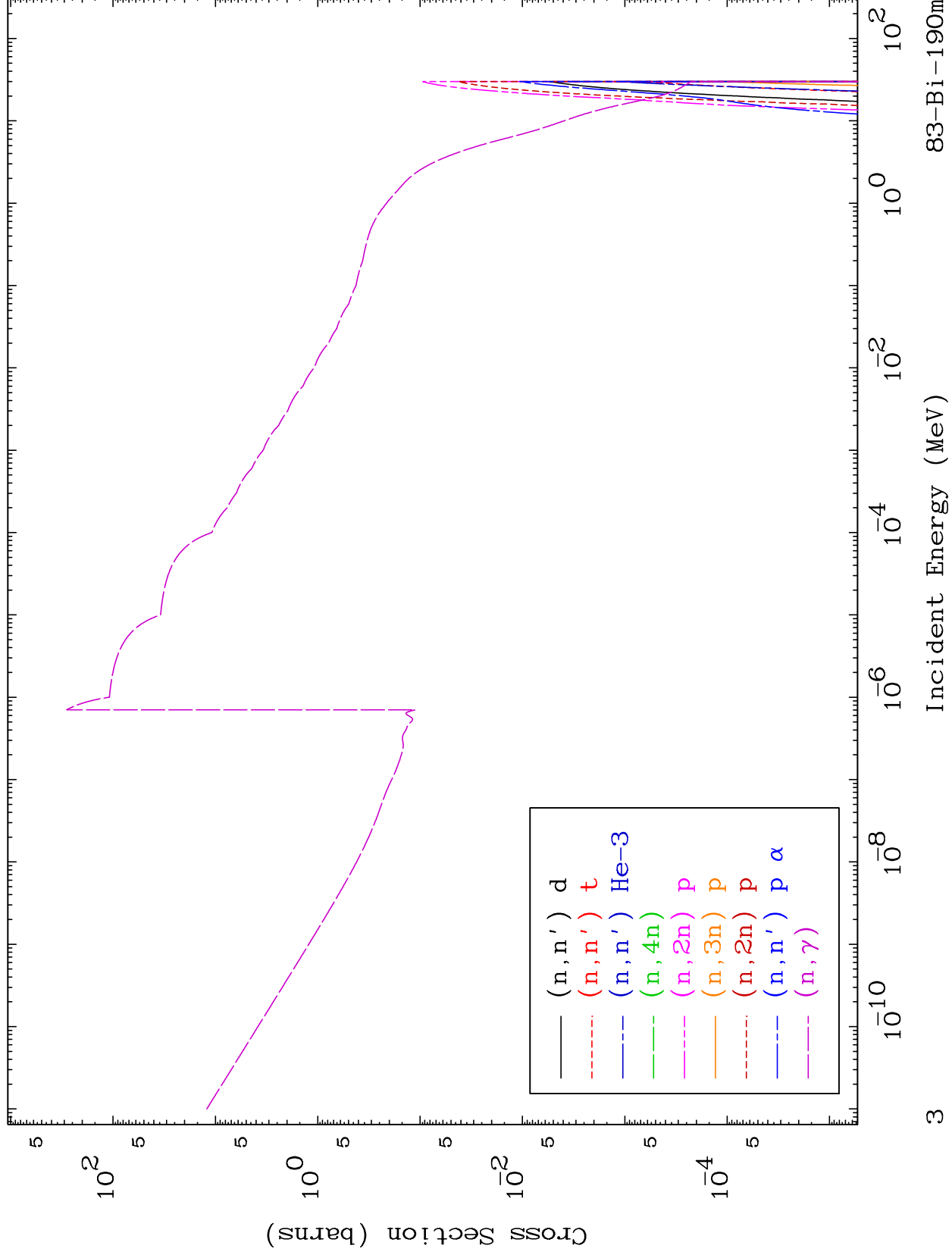
83-Bi-190m

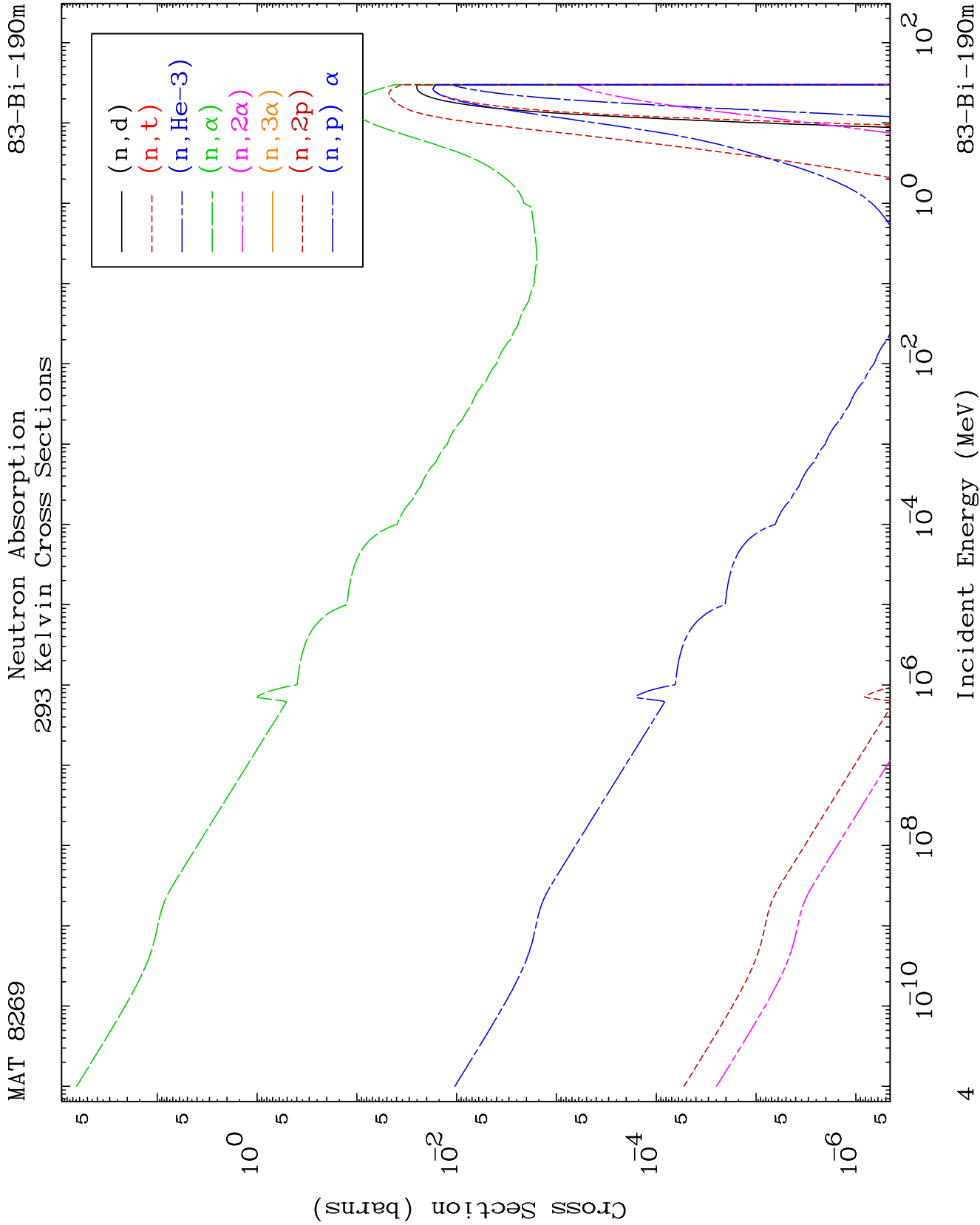


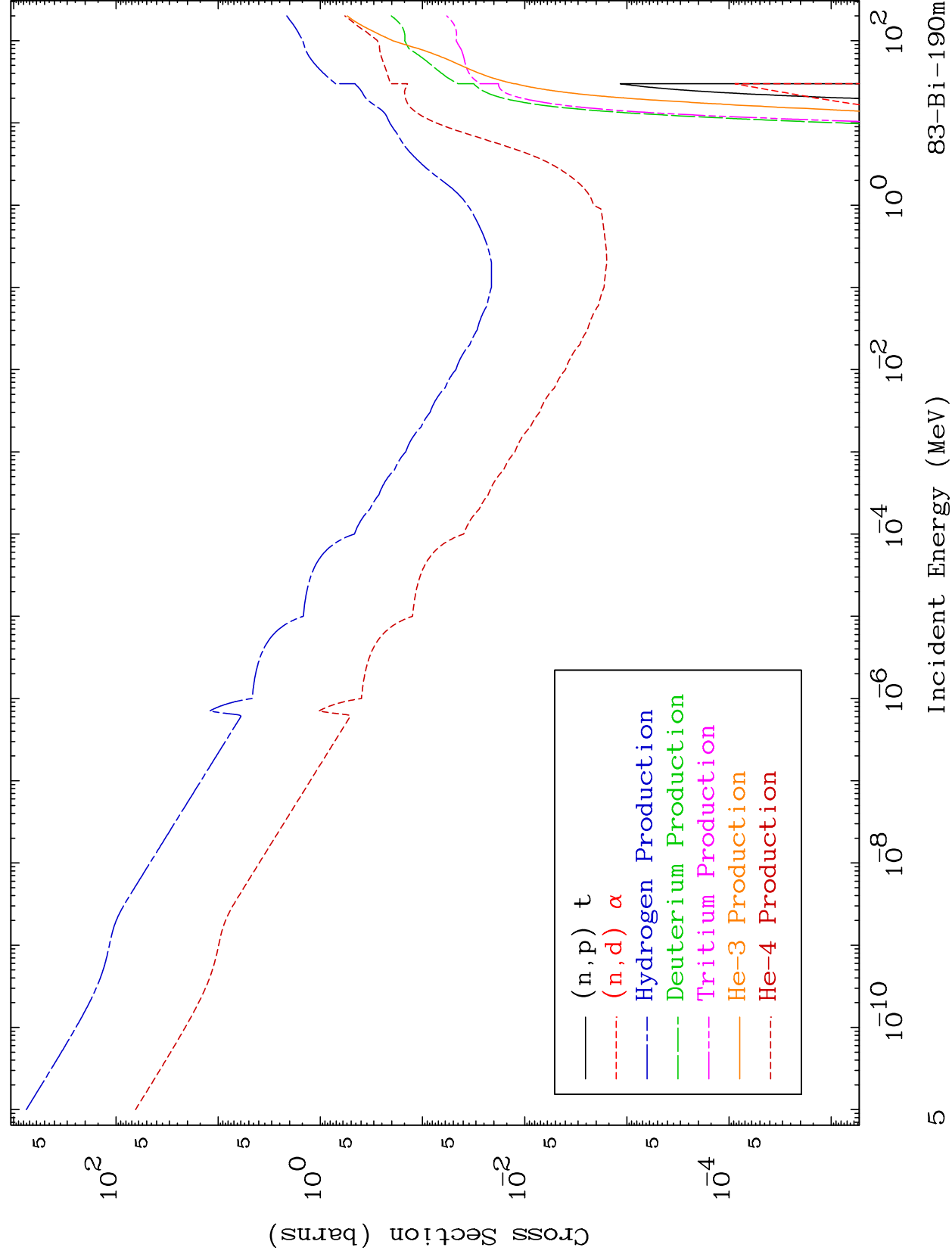
MAT 8269

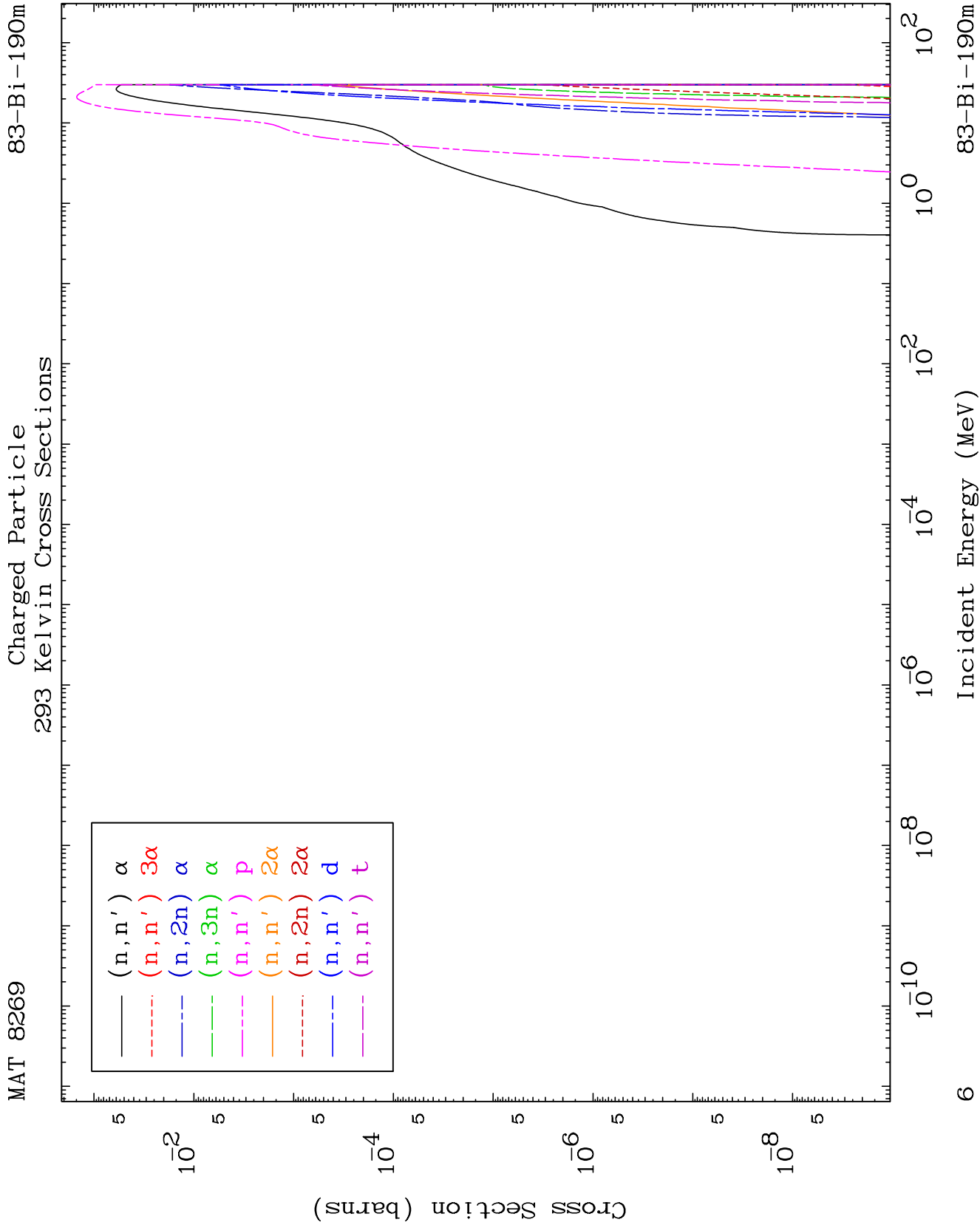
Neutron Absorption
293 Kelvin Cross Sections

83-Bi-190m





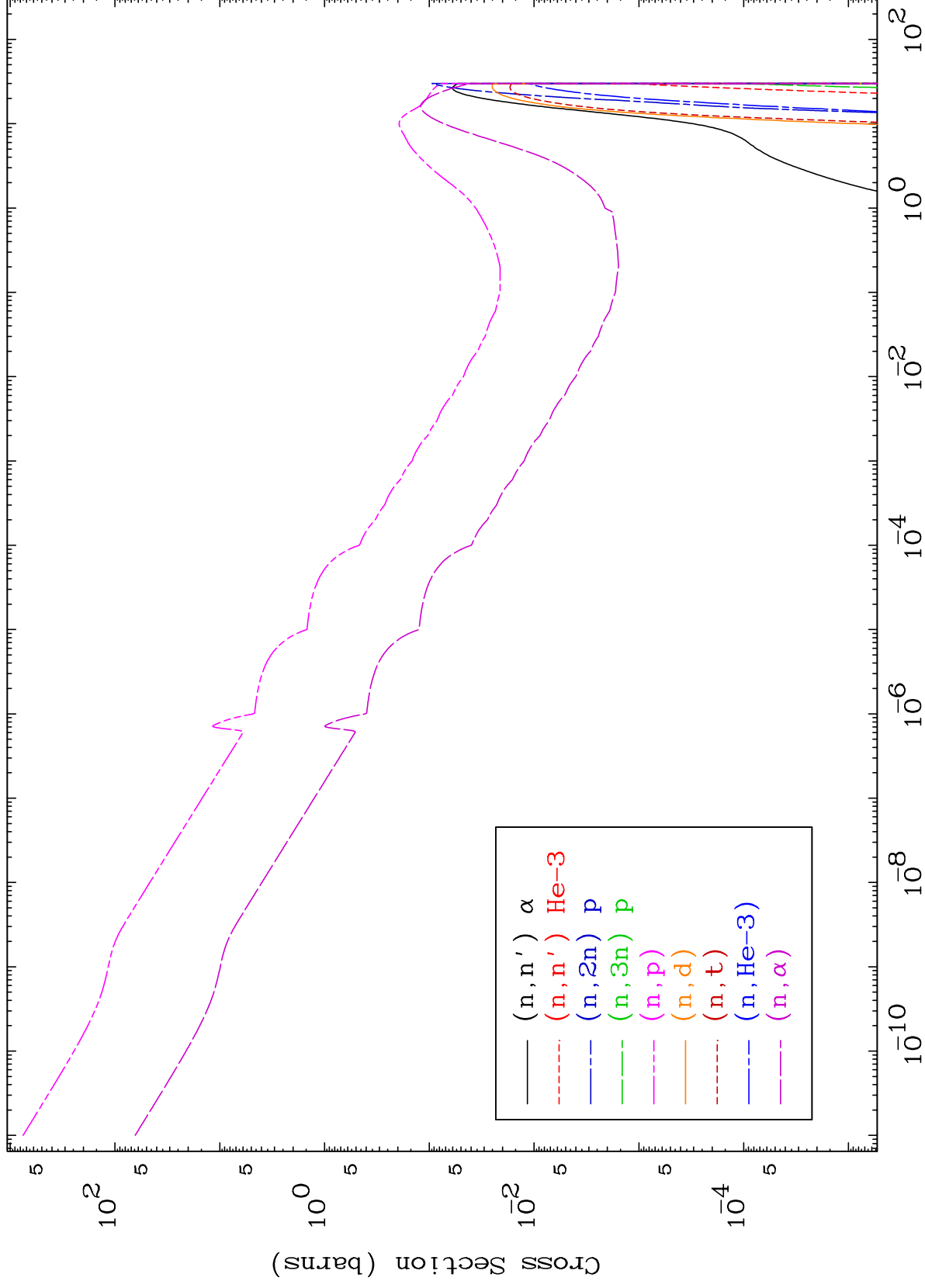


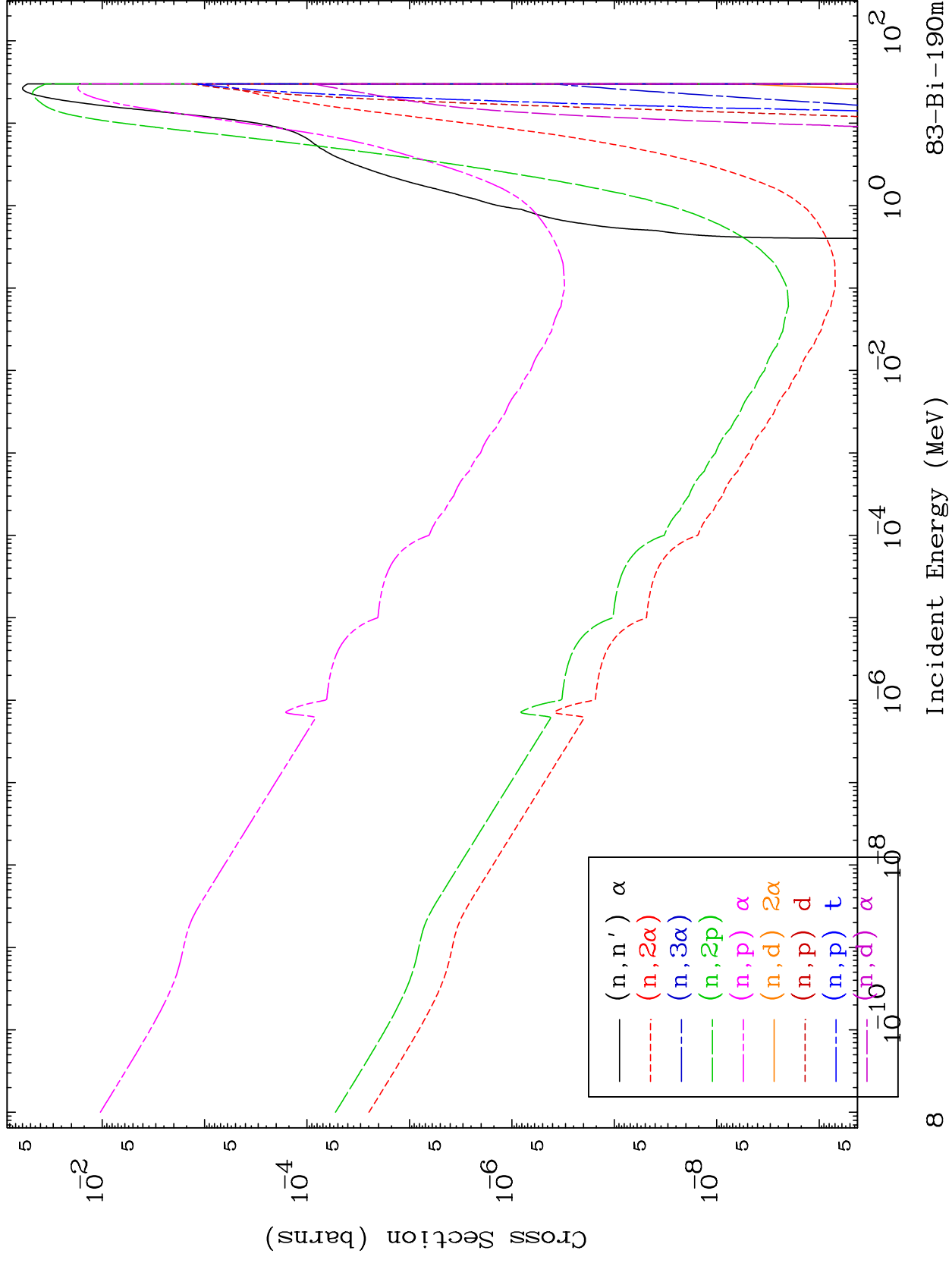


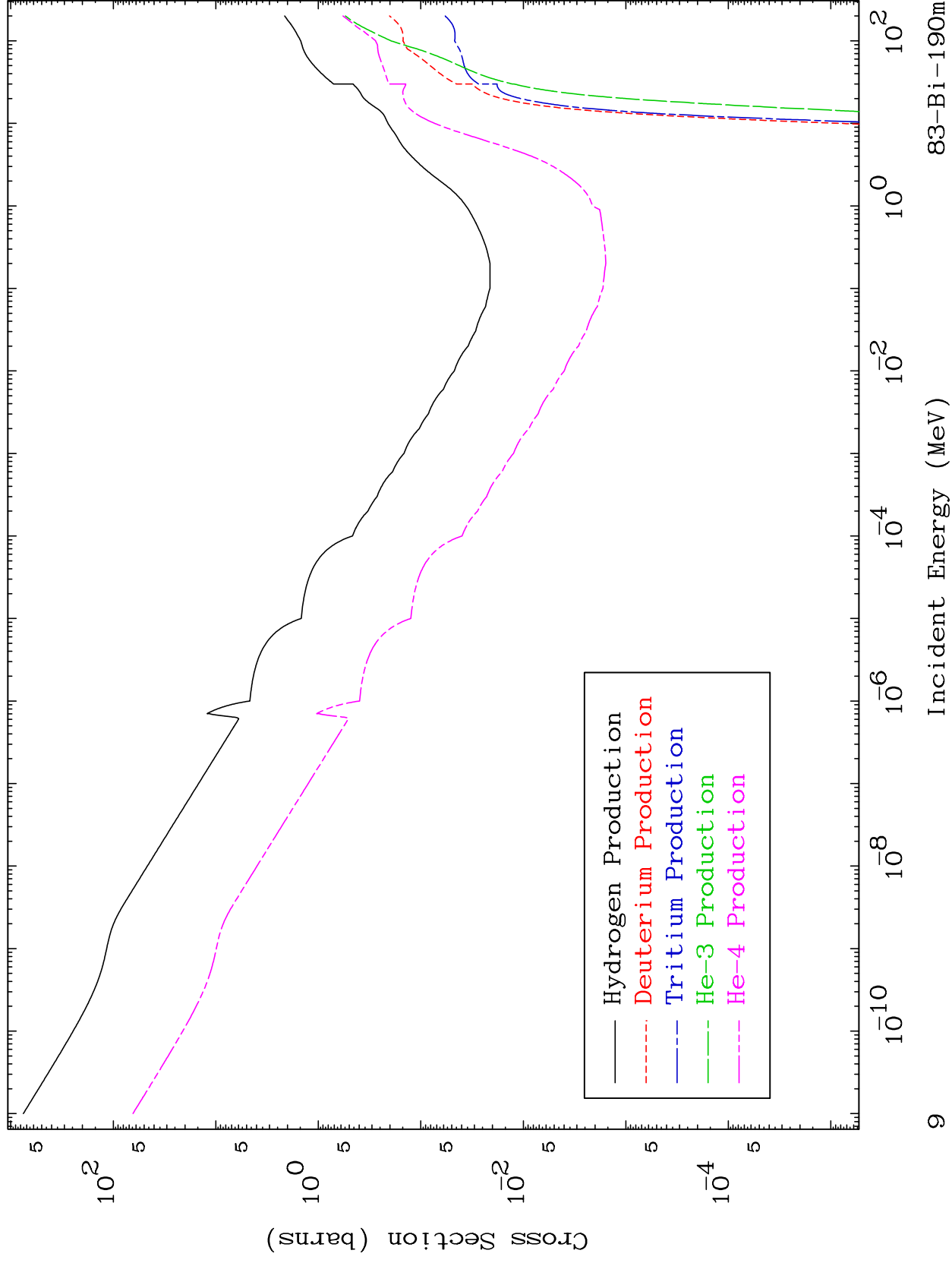
MAT 8269

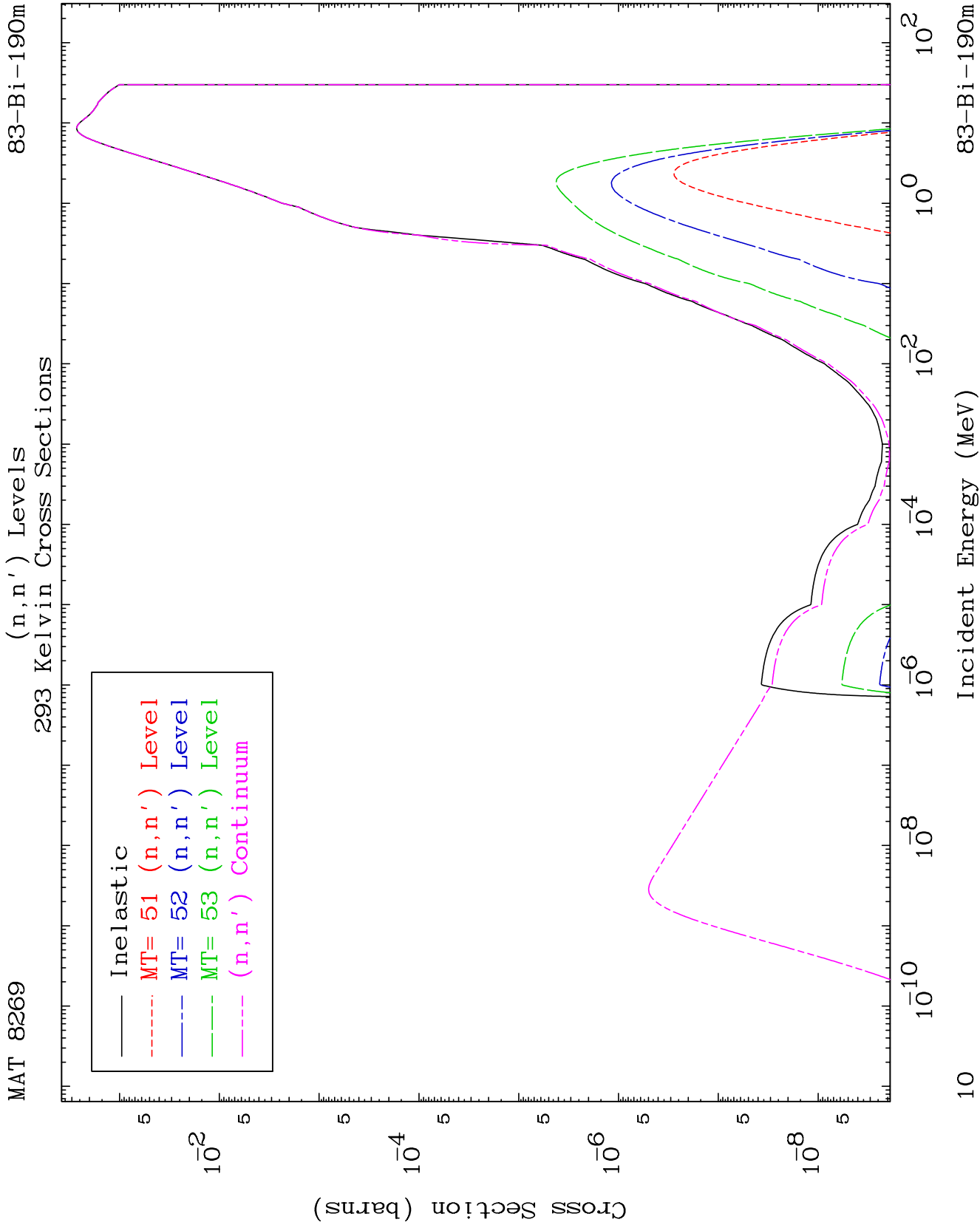
Charged Particle
293 Kelvin Cross Sections

83-Bi-190m





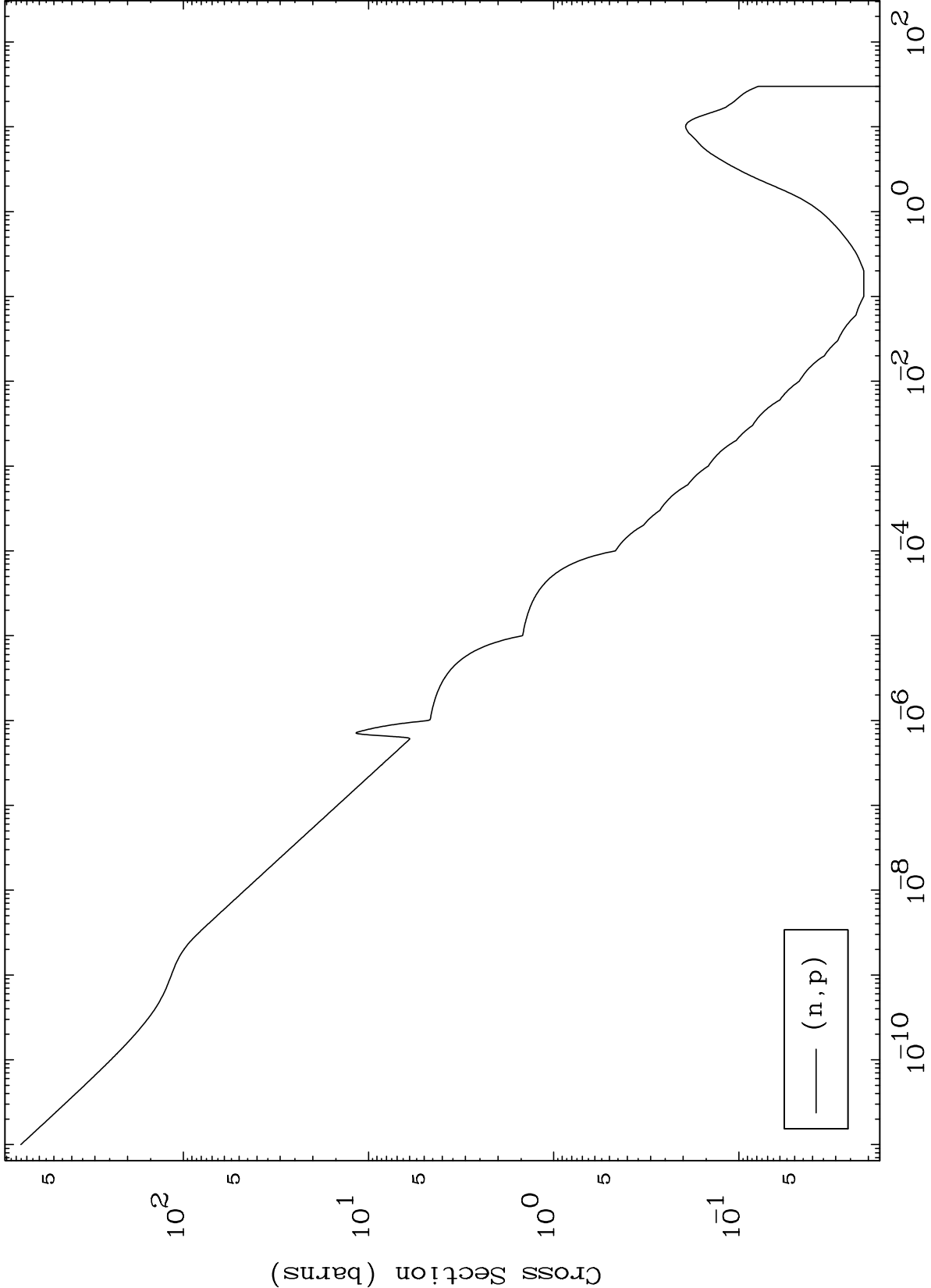




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(n,p) Levels
293 Kelvin Cross Sections

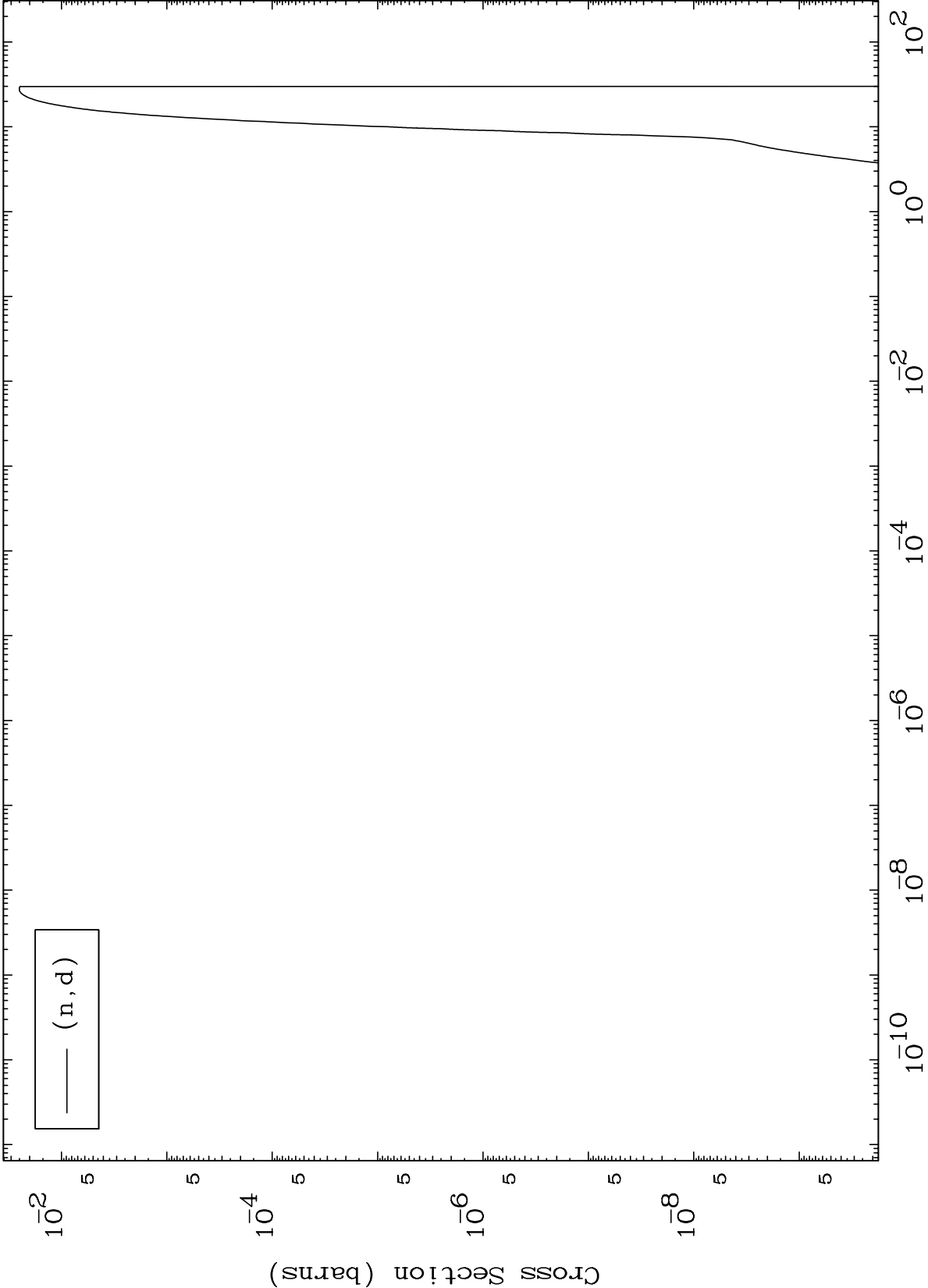
83-Bi-190m

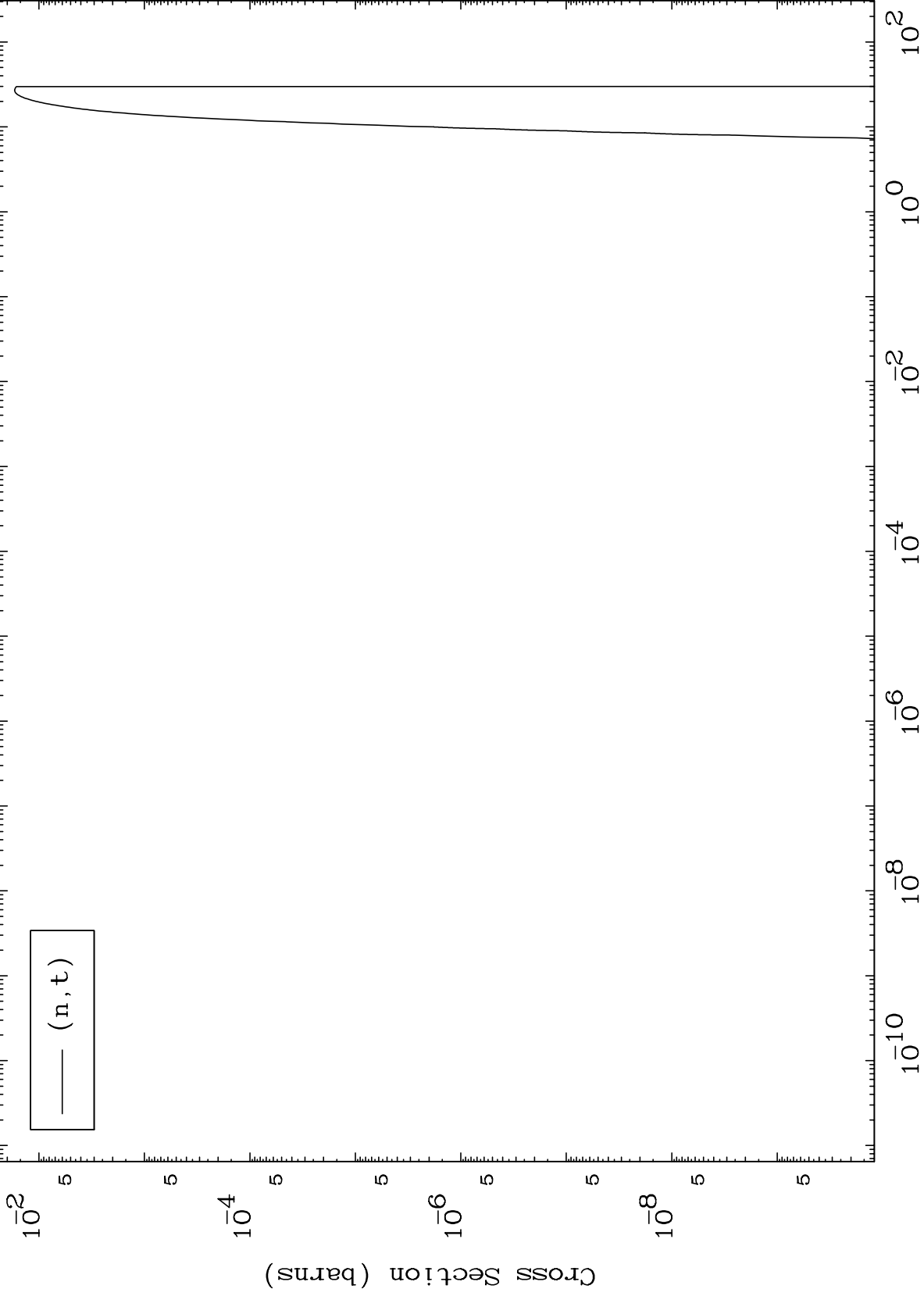


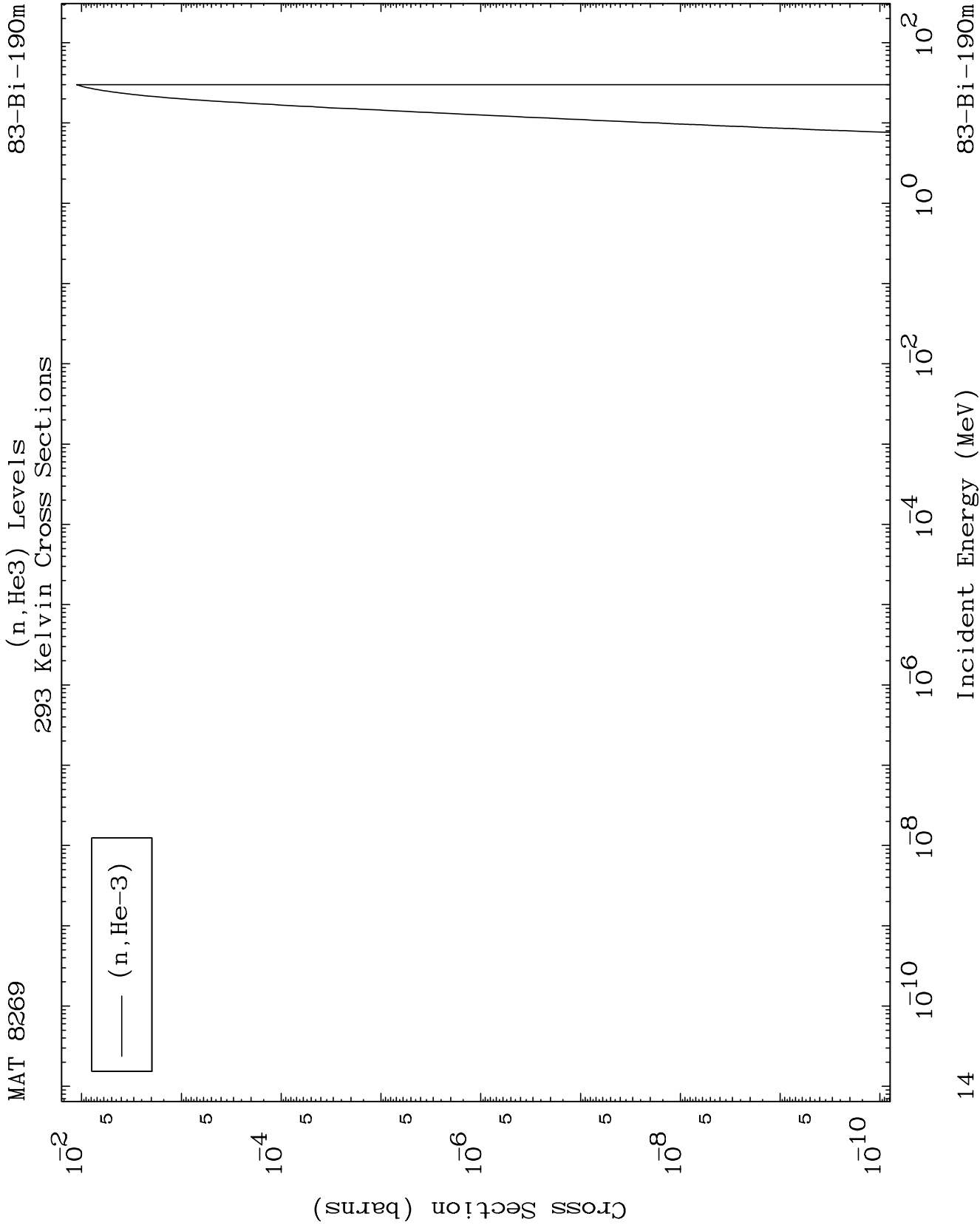
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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-190m



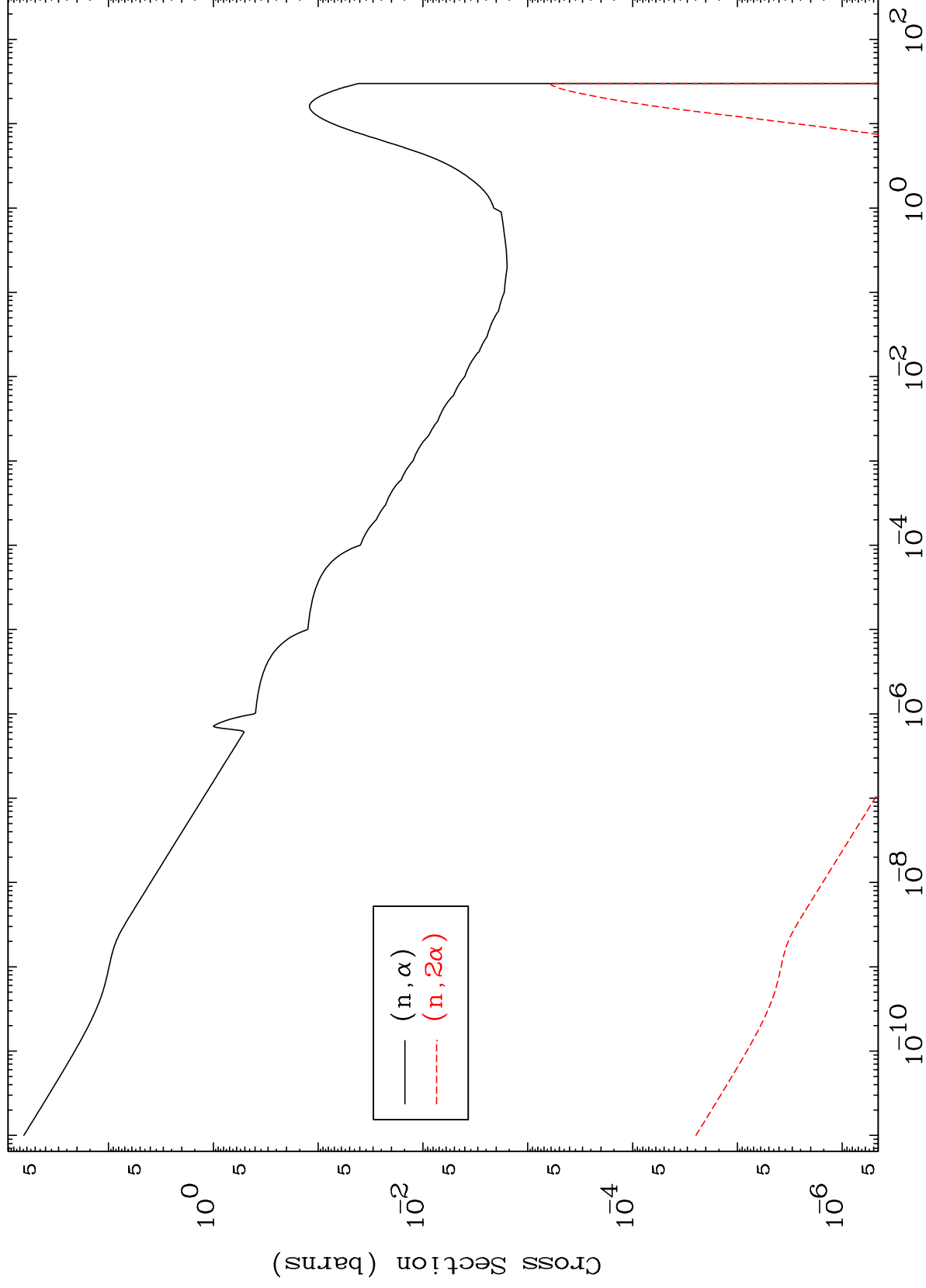




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(n, α) Levels
293 Kelvin Cross Sections

83-Bi-190m



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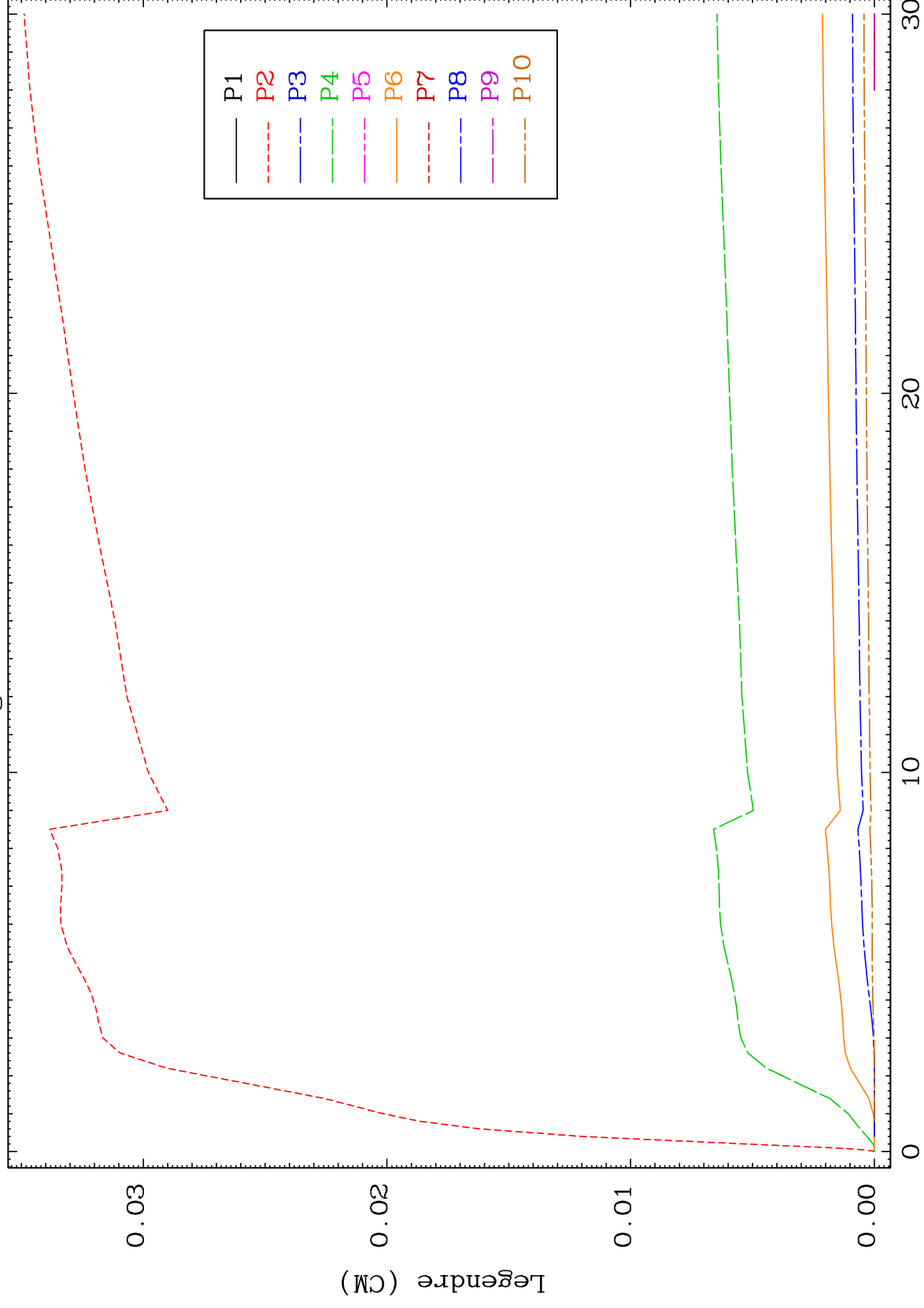
Incident Energy (MeV)

83-Bi-190m

MAT 8269

83-Bi-190m

Elastic Legendre Coefficients

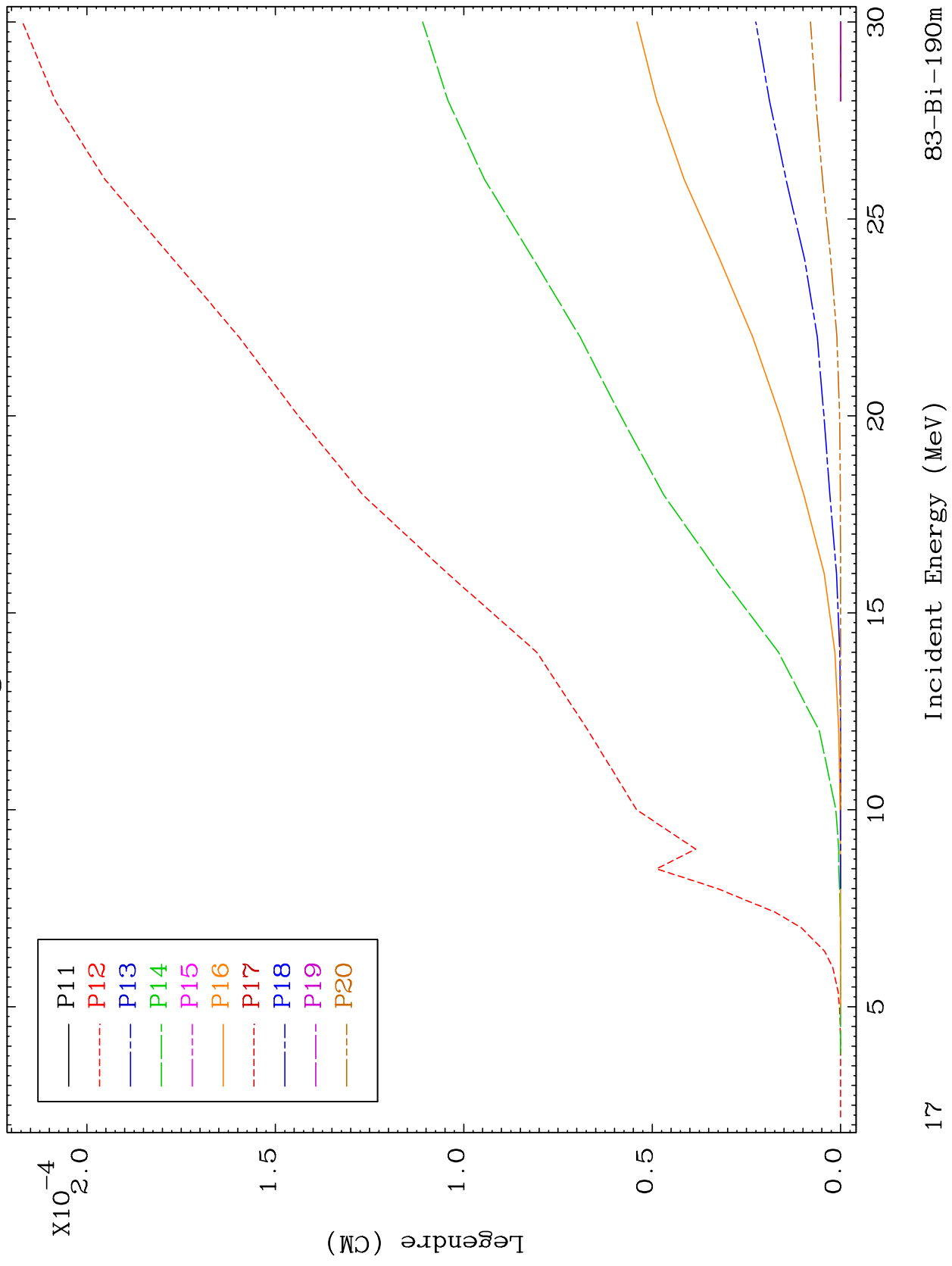


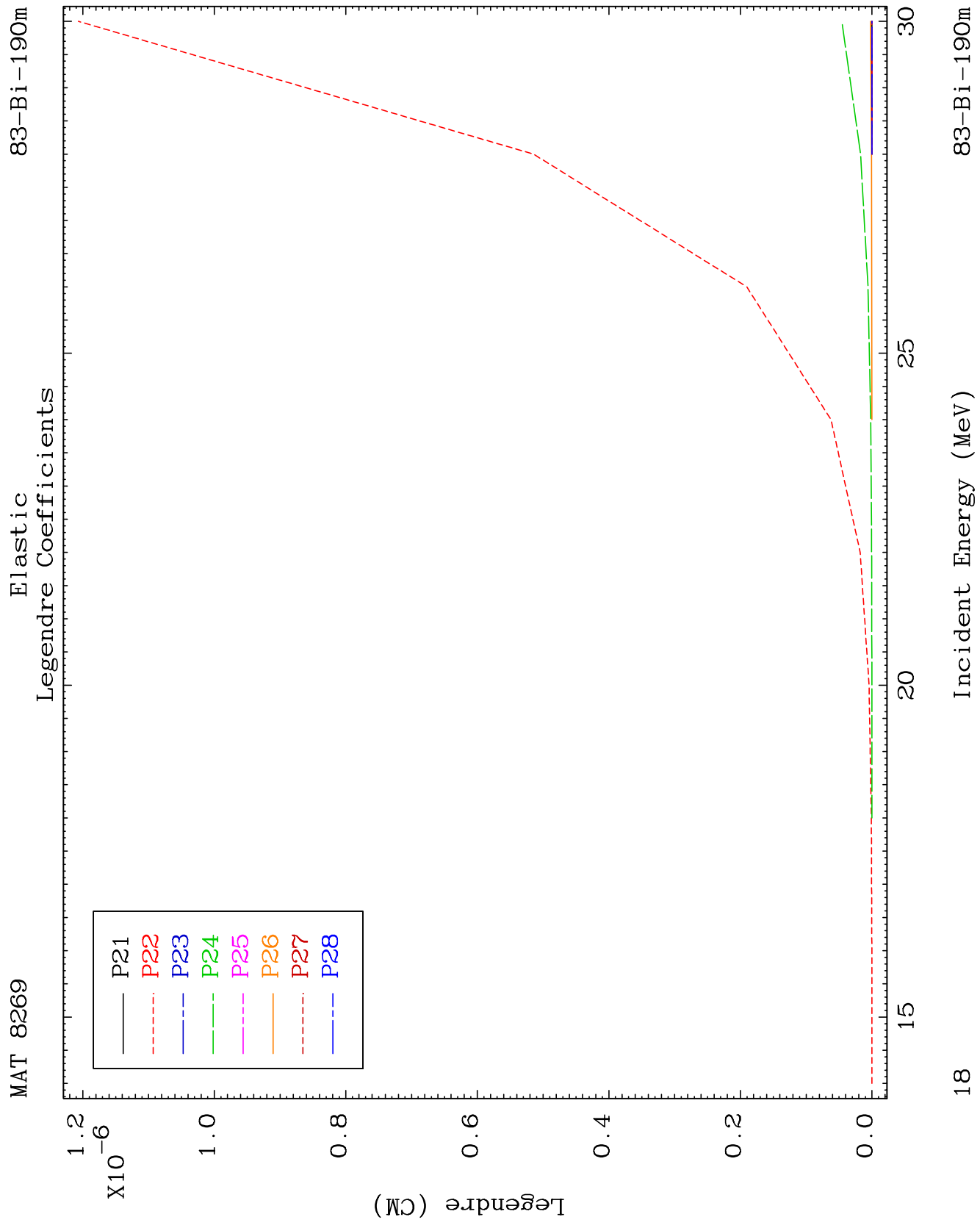
83-Bi-190m

Incident Energy (MeV)

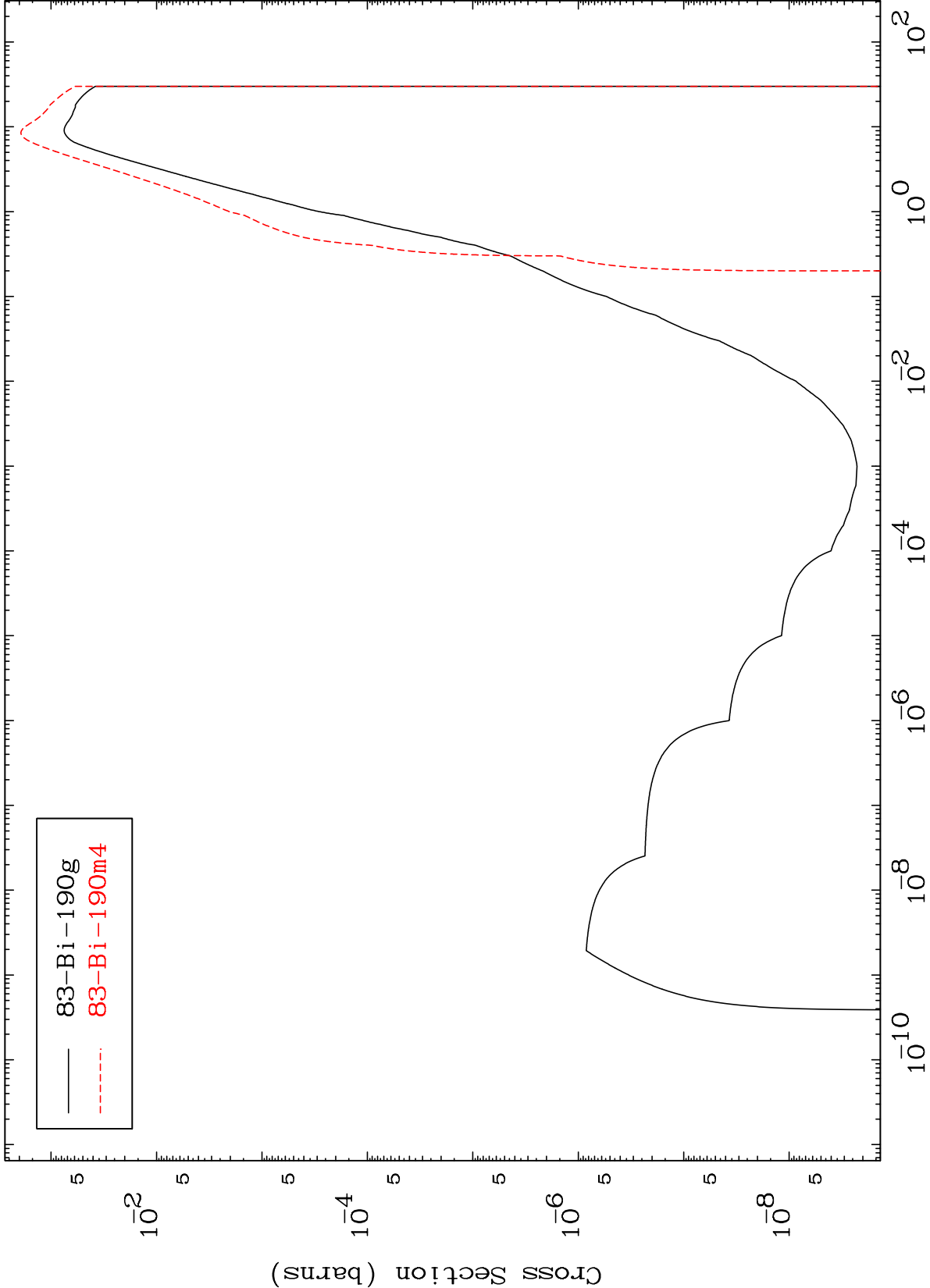
83-Bi-190m

Elastic Legendre Coefficients





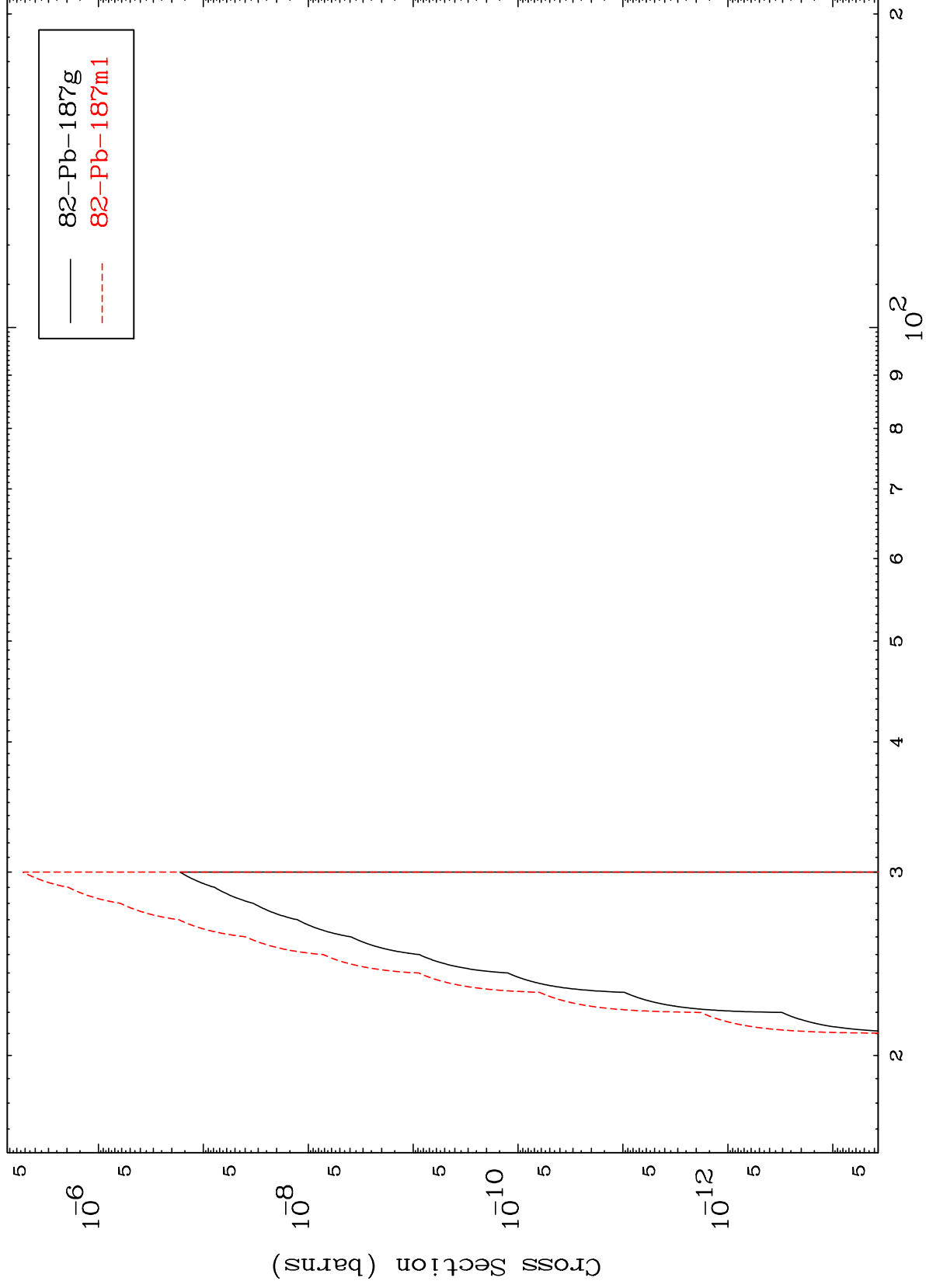
Inelastic
Radionuclide Production Cross Section



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83-Bi-190m

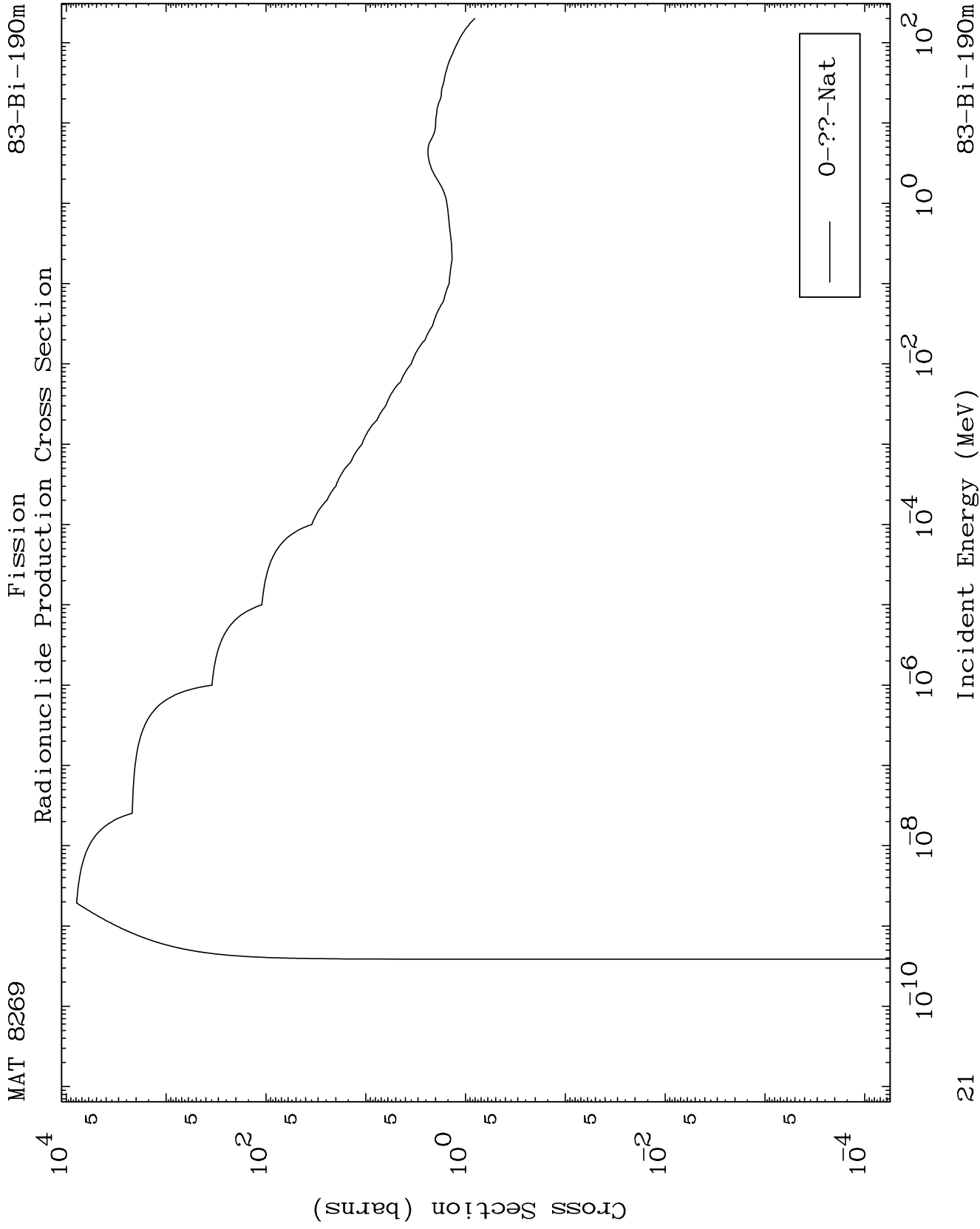
(n,2n) d
Radionuclide Production Cross Section



20

Incident Energy (MeV)

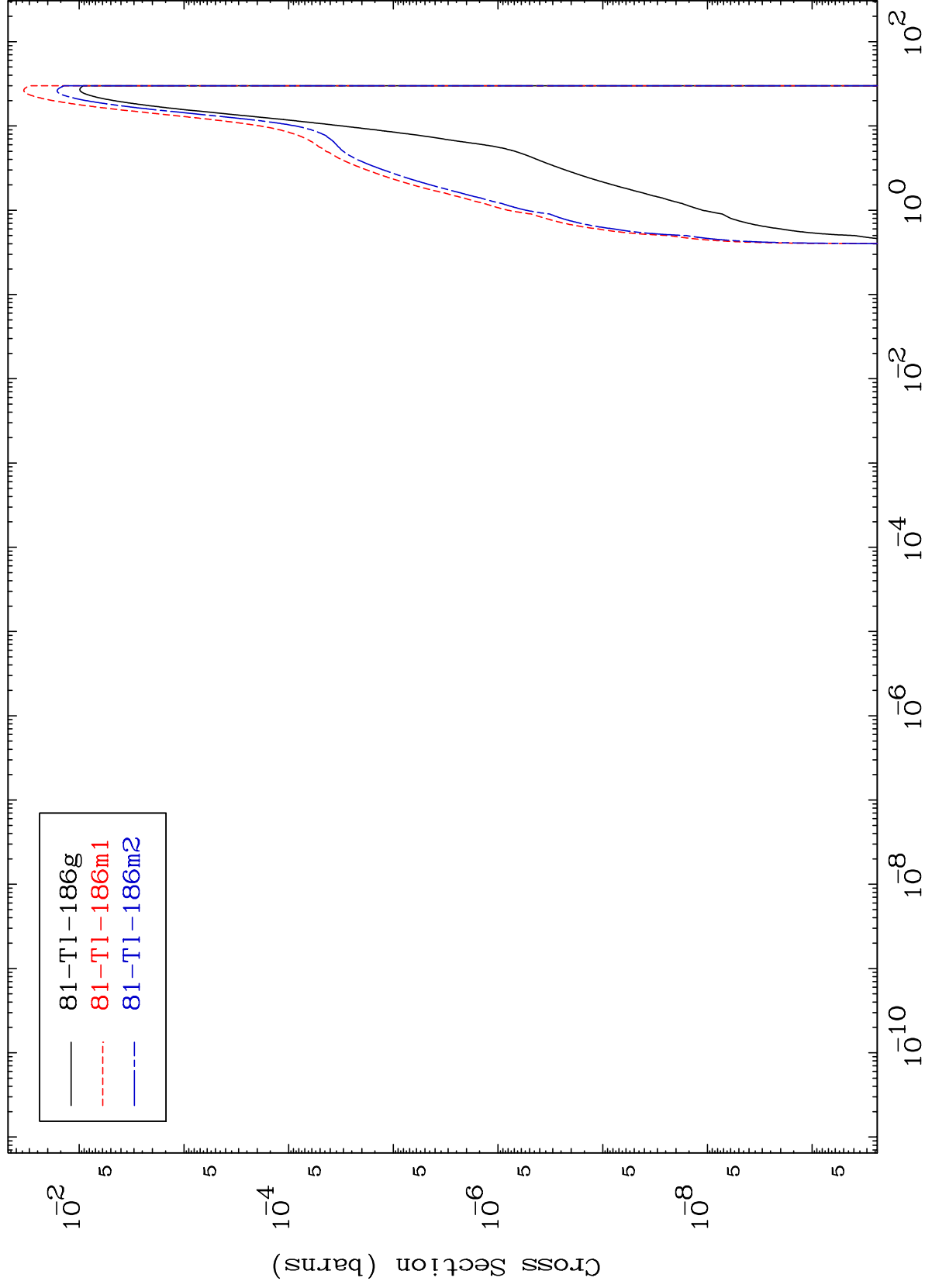
83-Bi-190m



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83-Bi-190m

Radionuclide Production Cross Section
(n,n') α



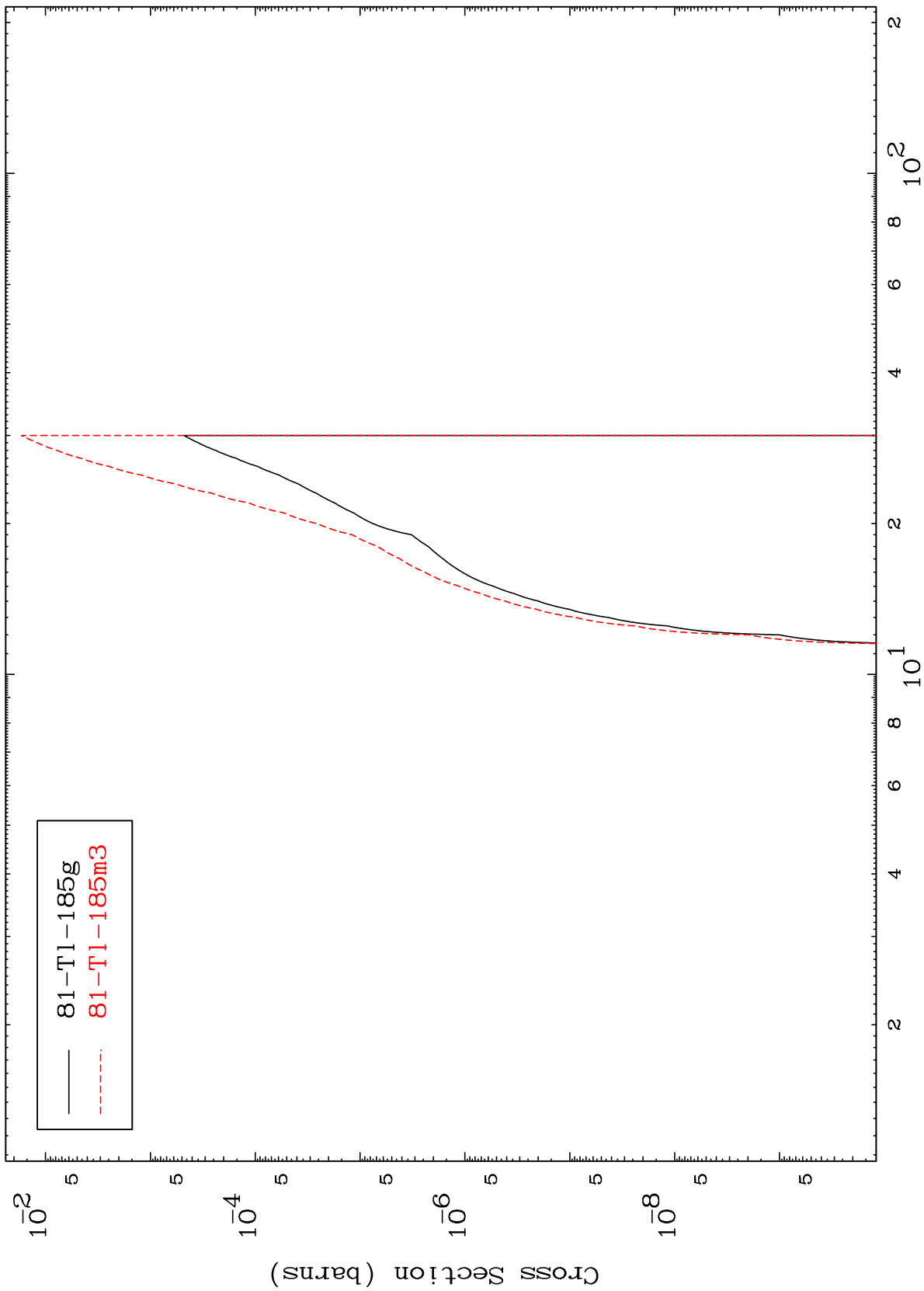
22

83-Bi-190m

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83-Bi-190m

Radionuclide Production Cross Section
(n,2n) α



23

Incident Energy (MeV)

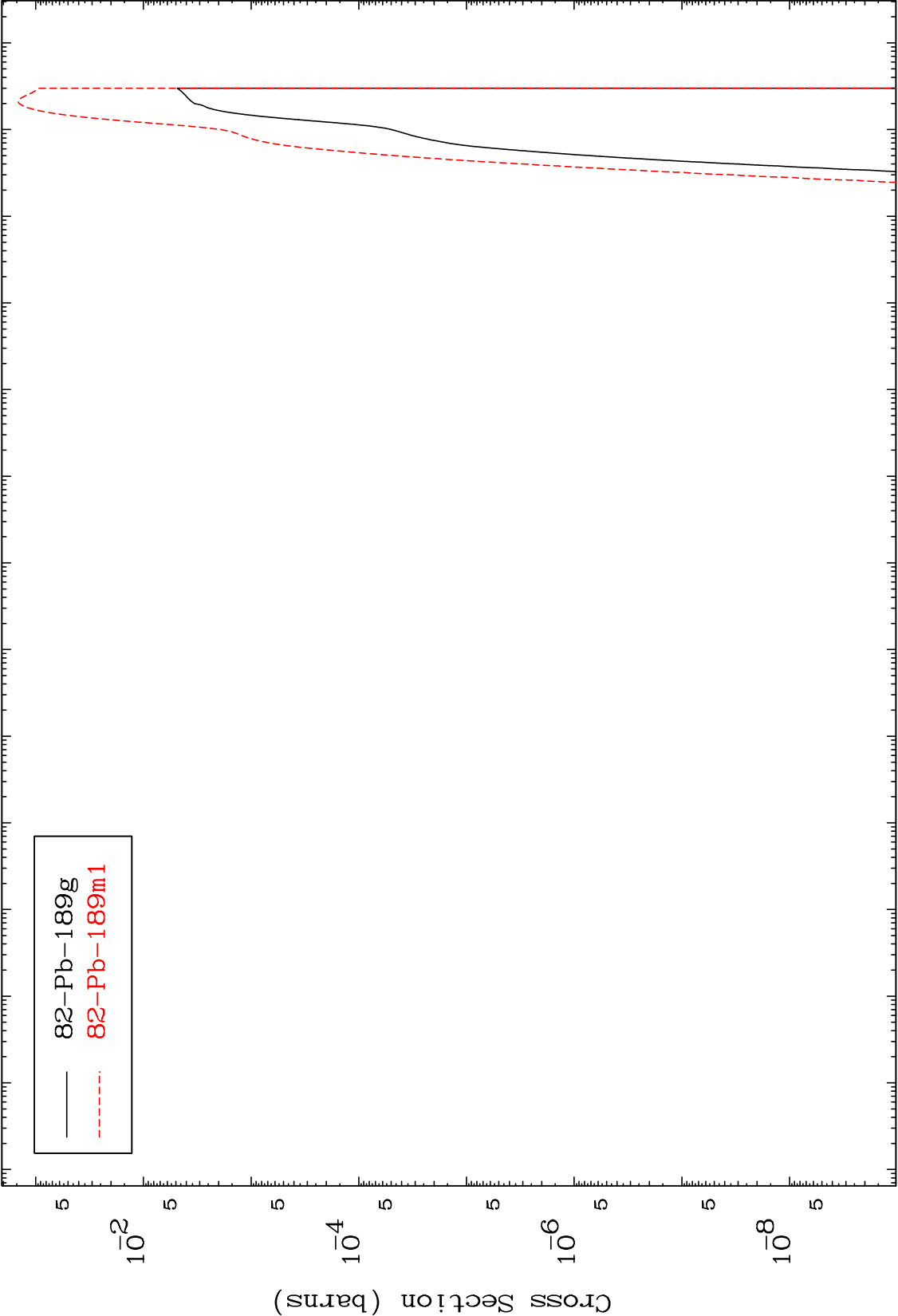
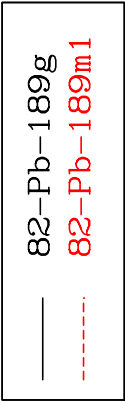
83-Bi-190m

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(n,n') p

83-Bi-190m

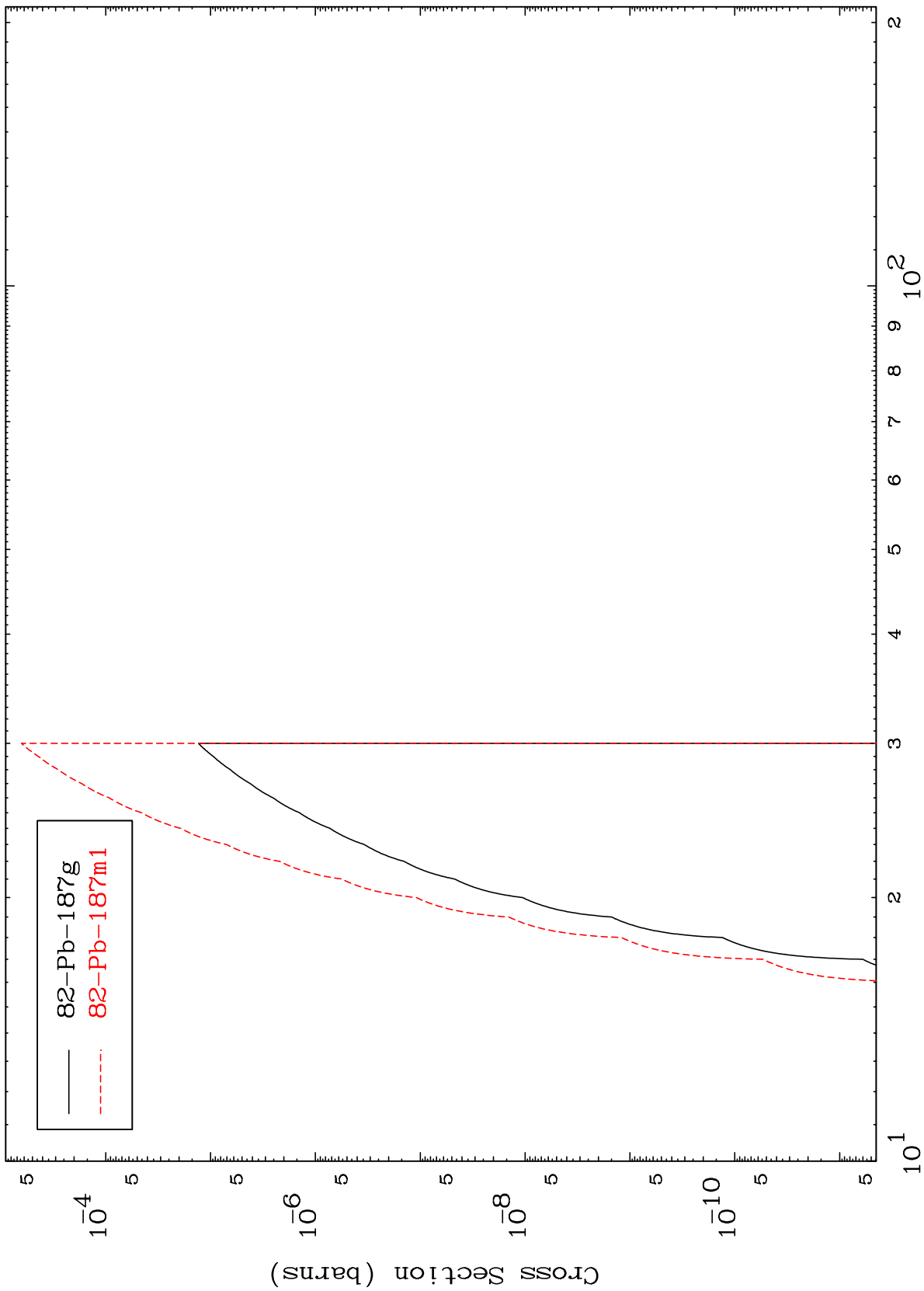
Radionuclide Production Cross Section



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83-Bi-190m

(n,n') t
Radionuclide Production Cross Section



83-Bi-190m

Incident Energy (MeV)

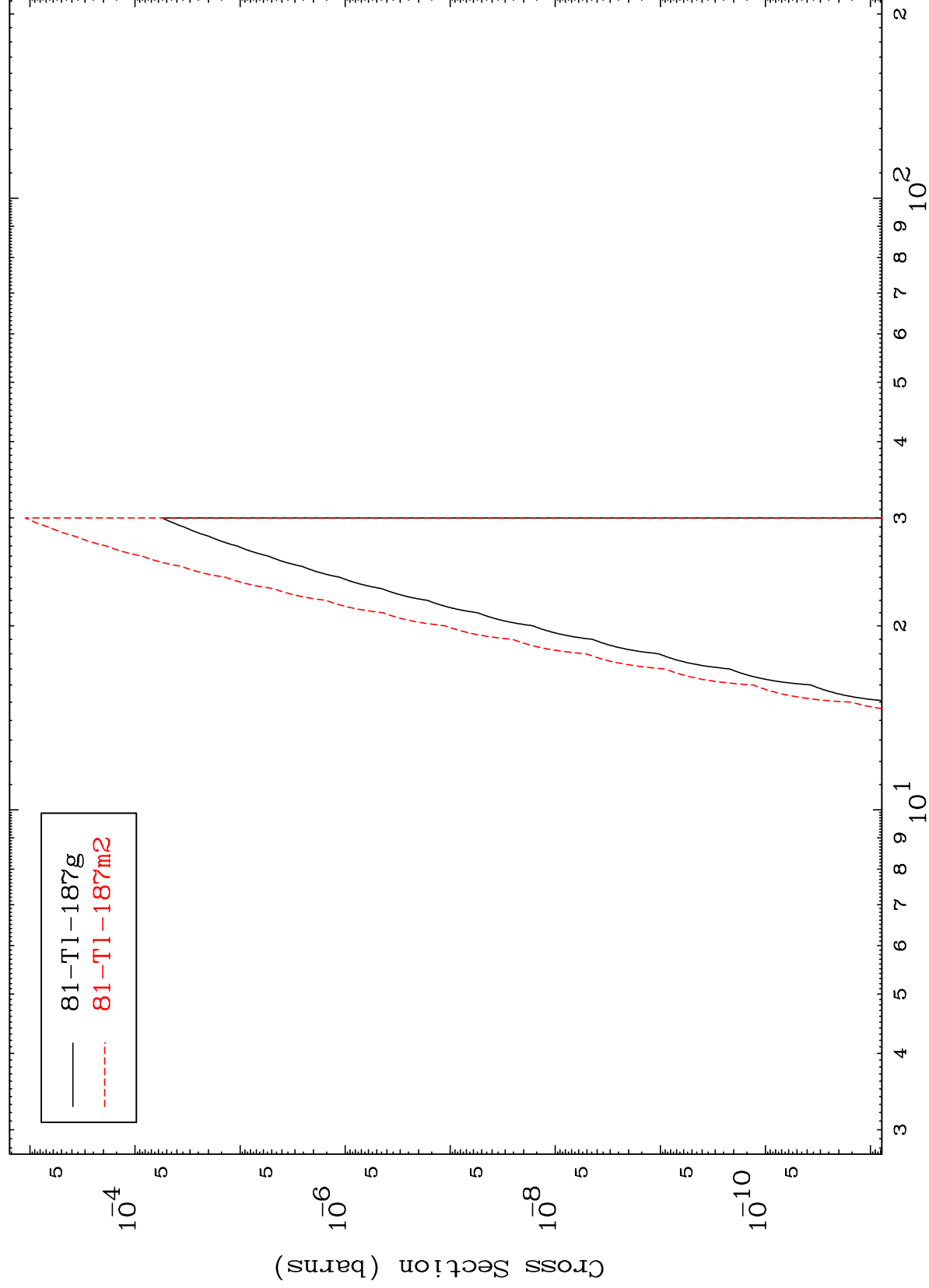
25

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(n,n') He-3

83-Bi-190m

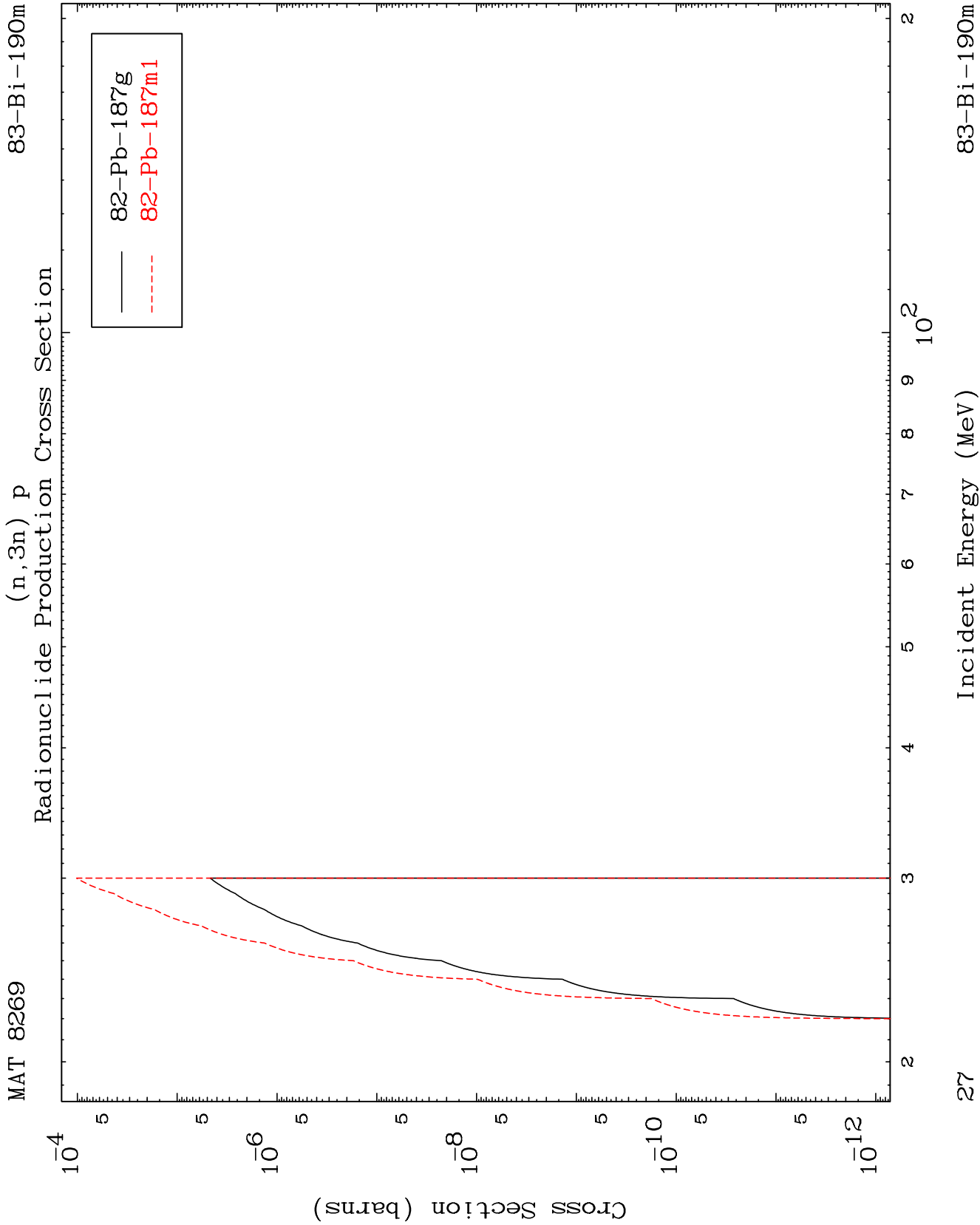
Radionuclide Production Cross Section



26

Incident Energy (MeV)

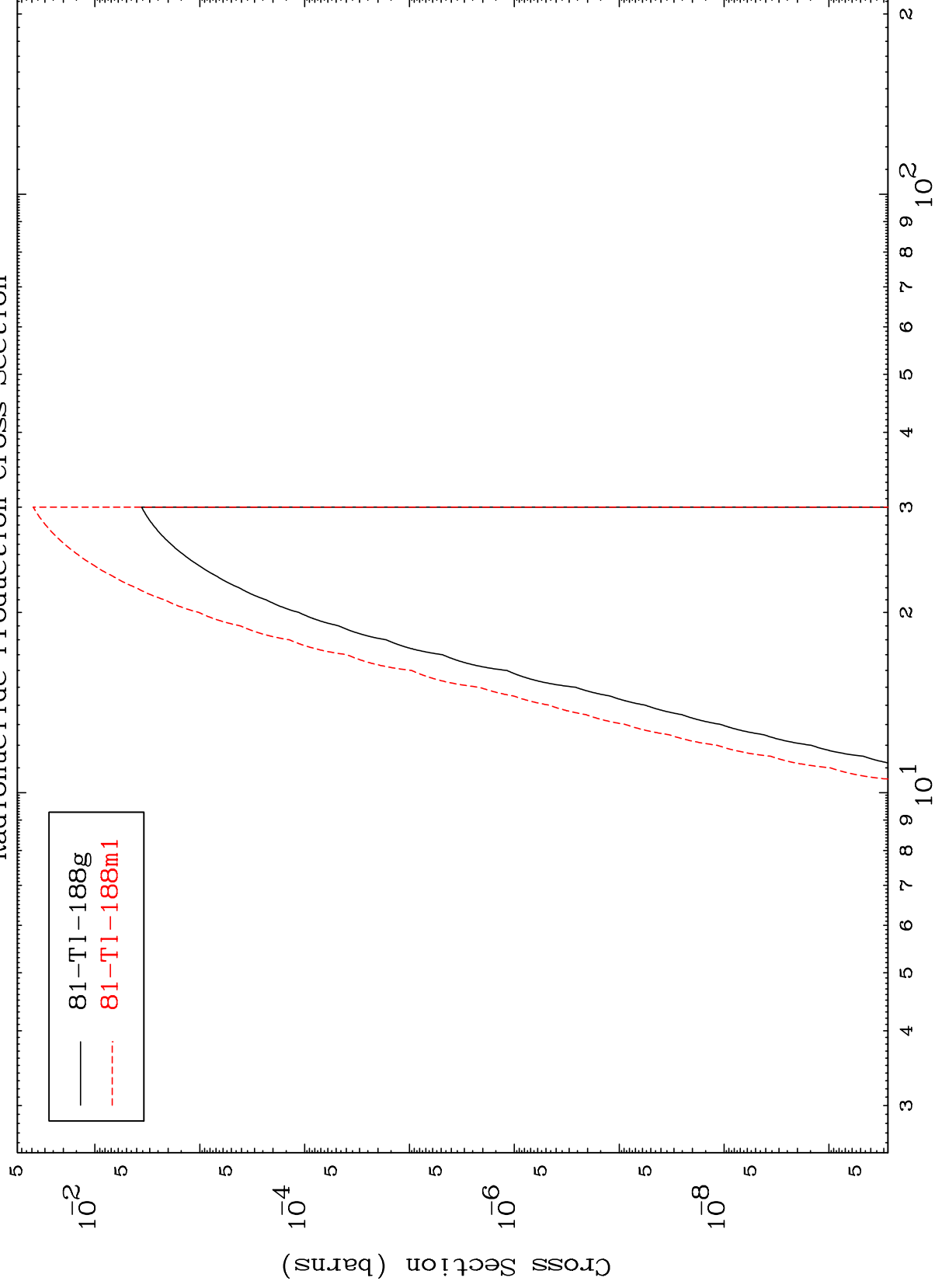
83-Bi-190m



MAT 8269

83-Bi-190m

(n,2n) p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

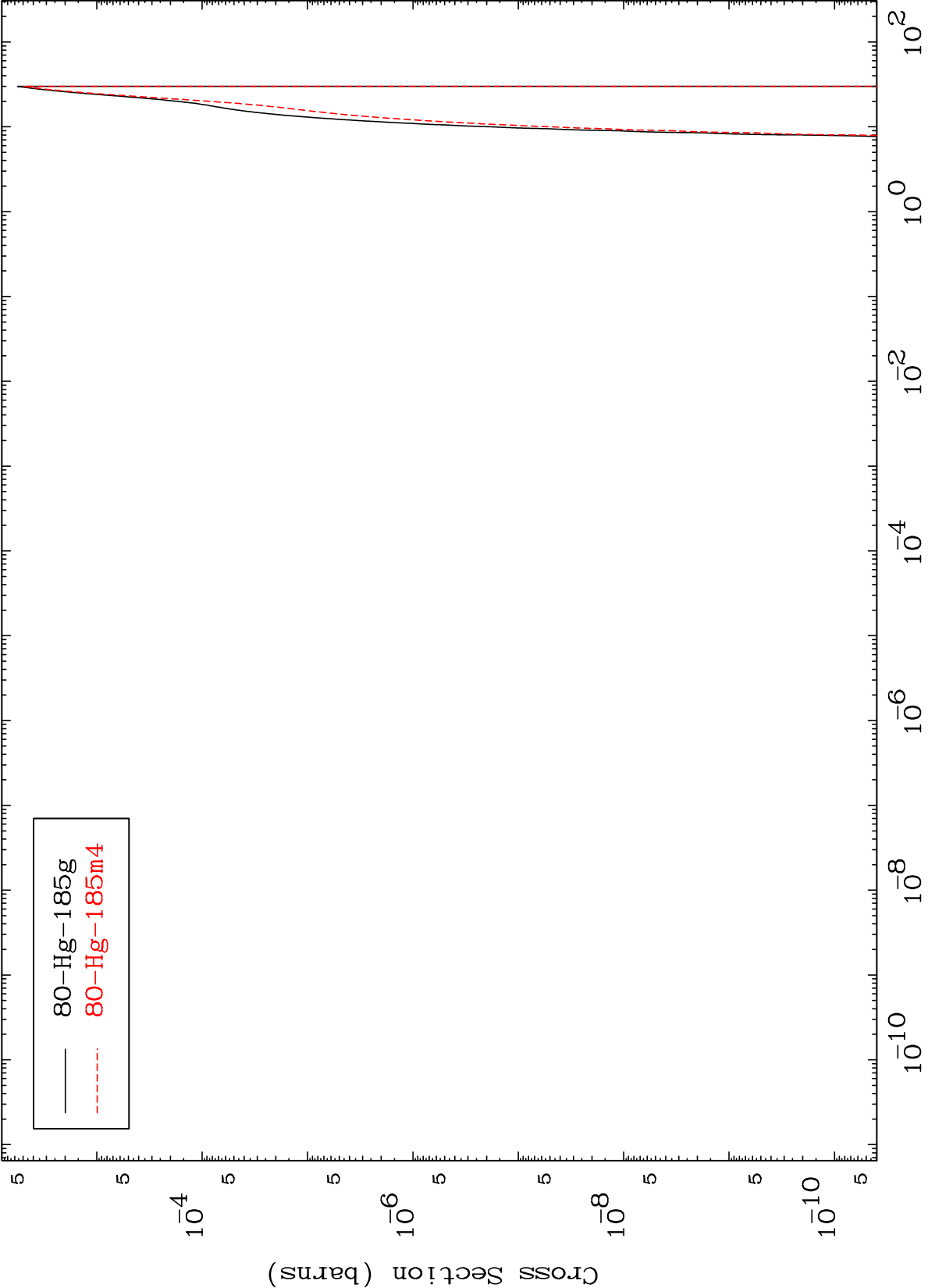
83-Bi-190m

MAT 8269

(n,n') p α

83-Bi-190m

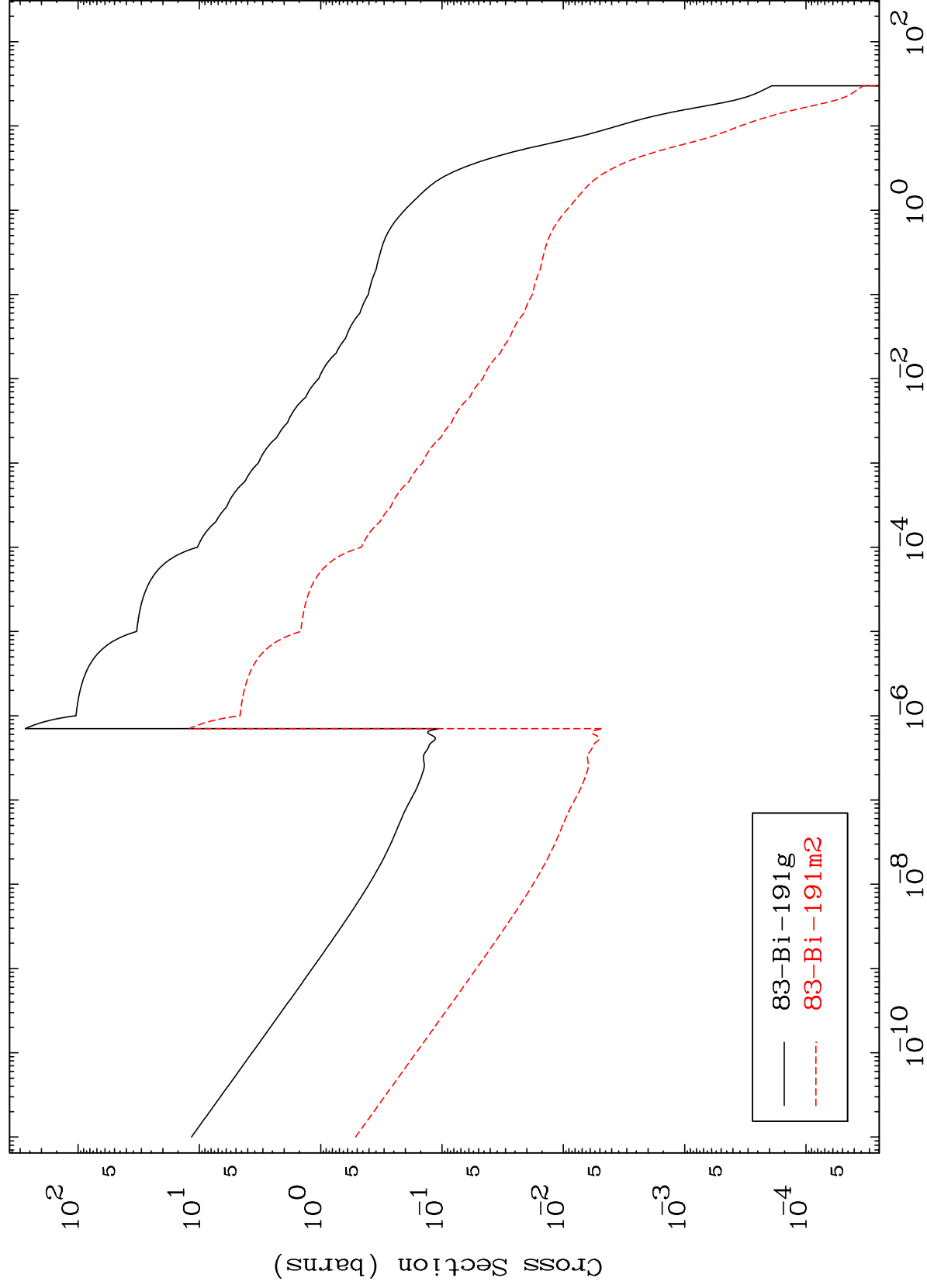
Radionuclide Production Cross Section



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83-Bi-190m

(n, γ)
Radionuclide Production Cross Section

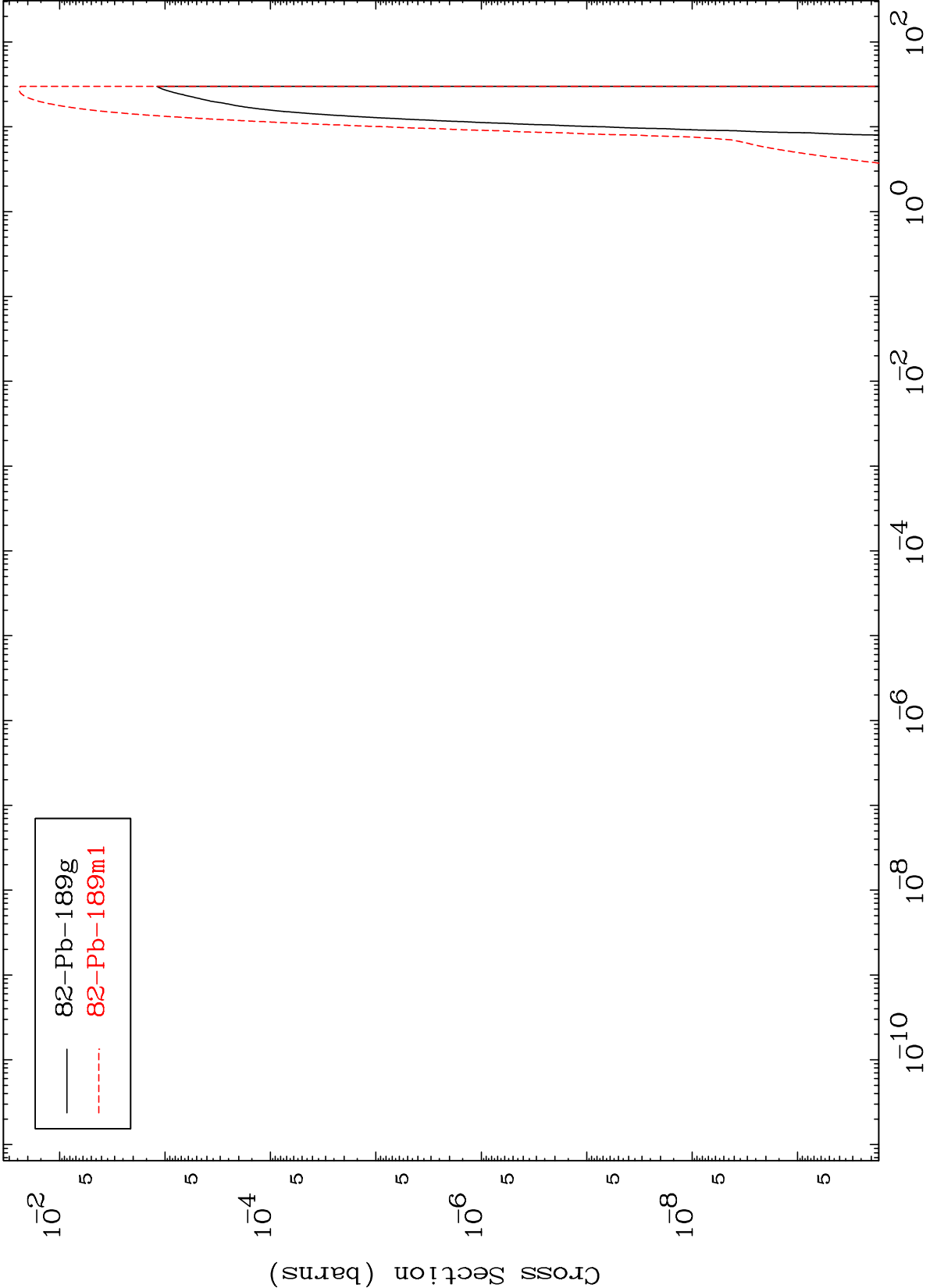


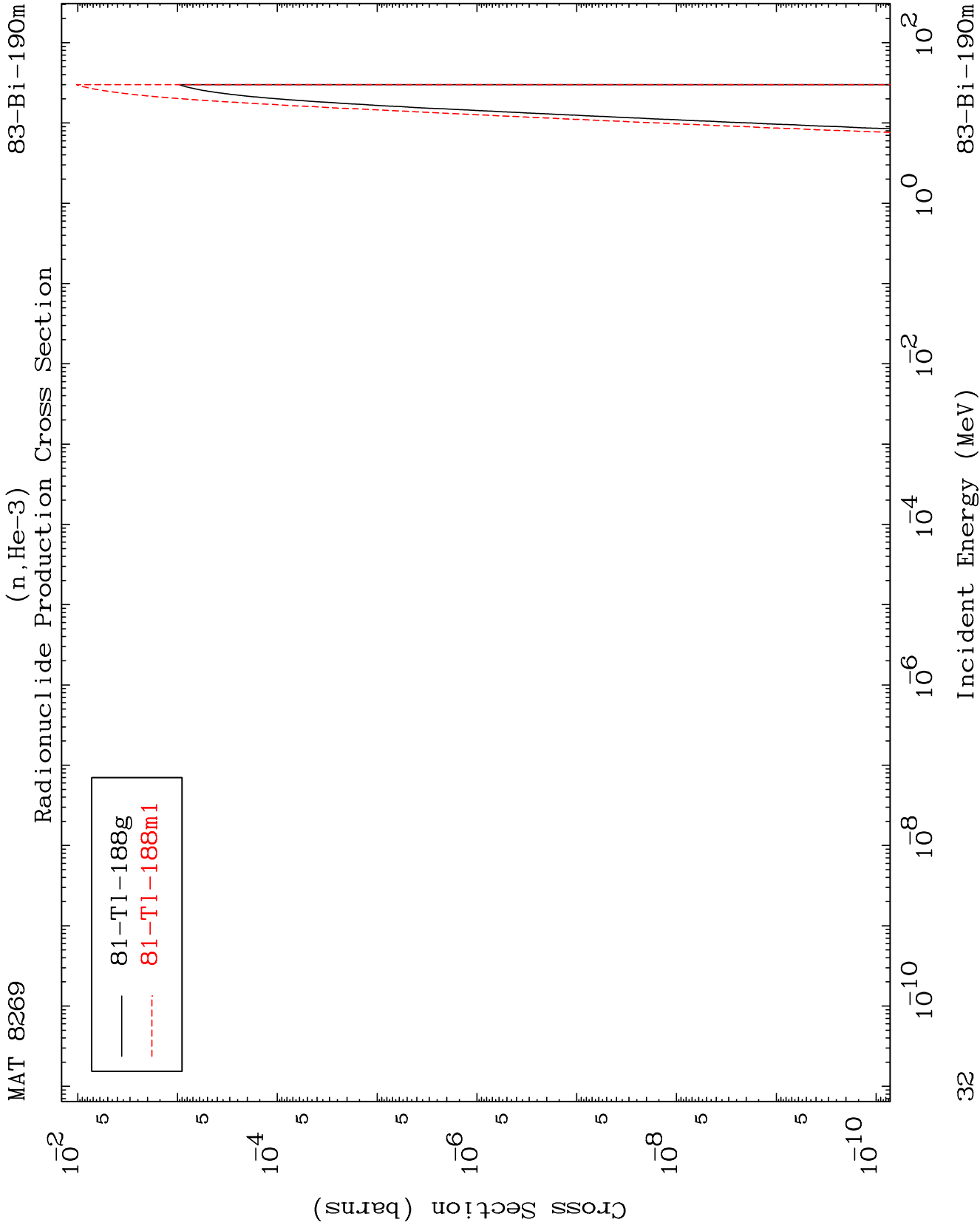
83-Bi-190m

Incident Energy (MeV)

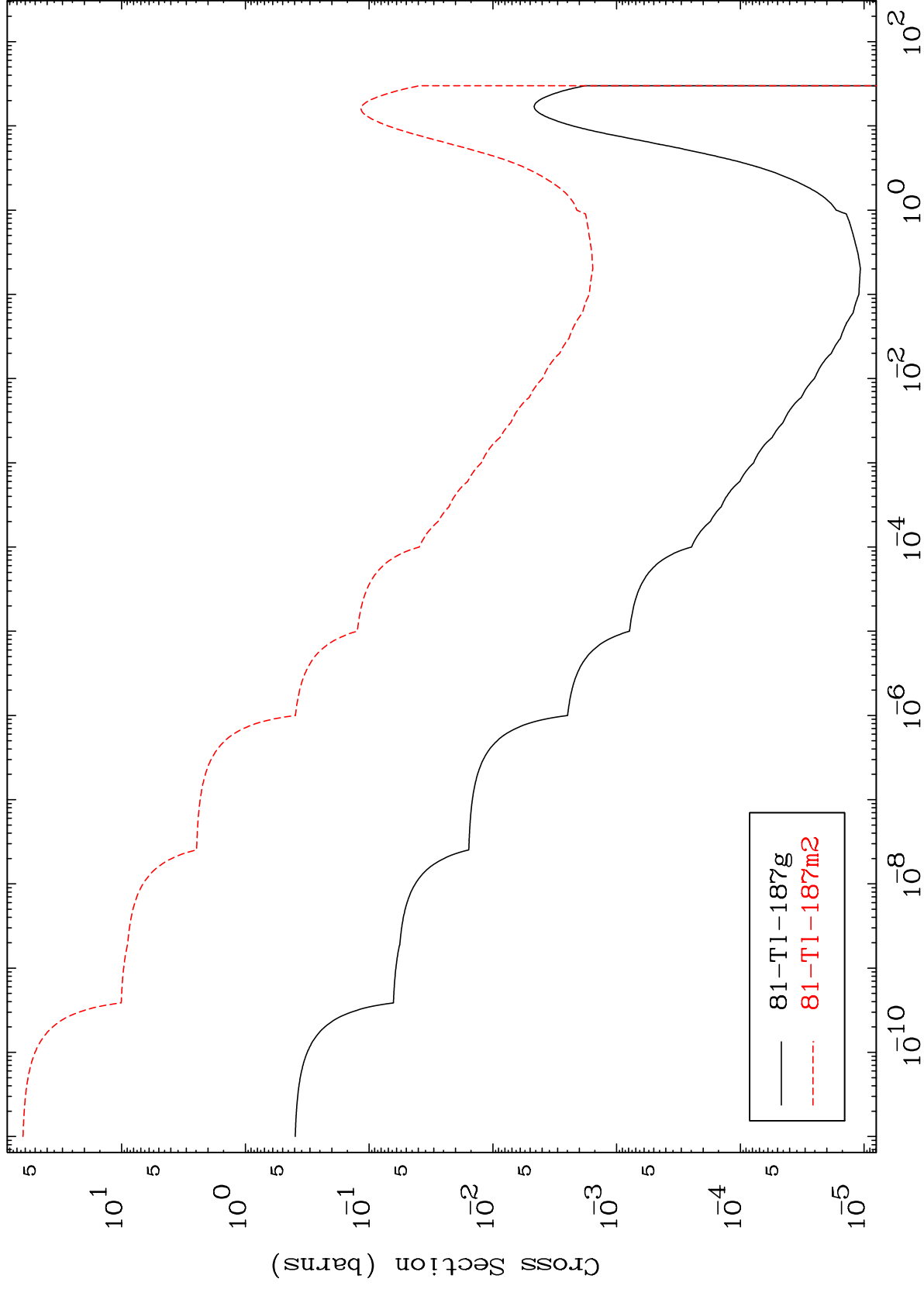
30

Radionuclide Production Cross Section





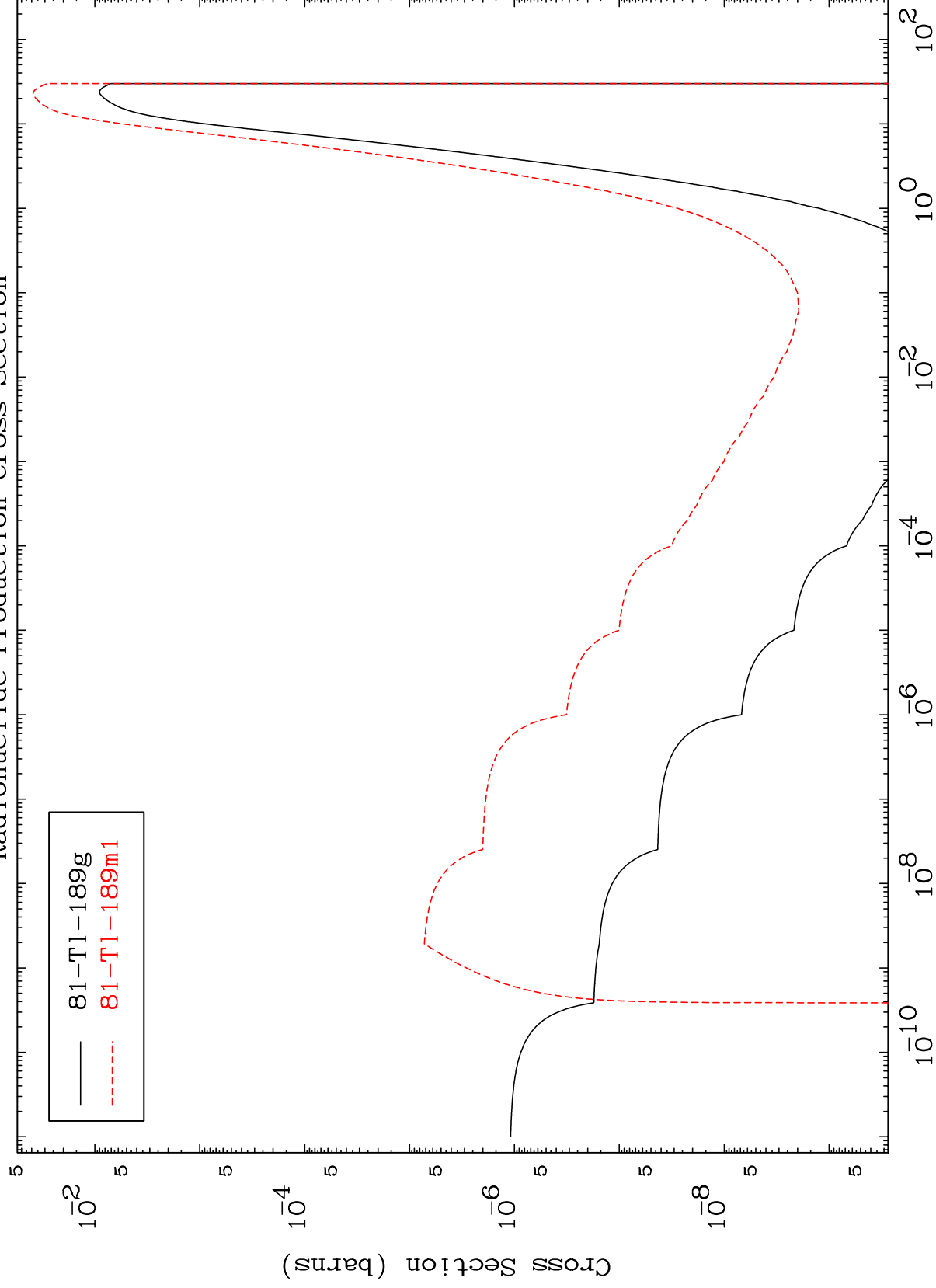
(n, α)
Radionuclide Production Cross Section



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83-Bi-190m

(n,2p)
Radionuclide Production Cross Section

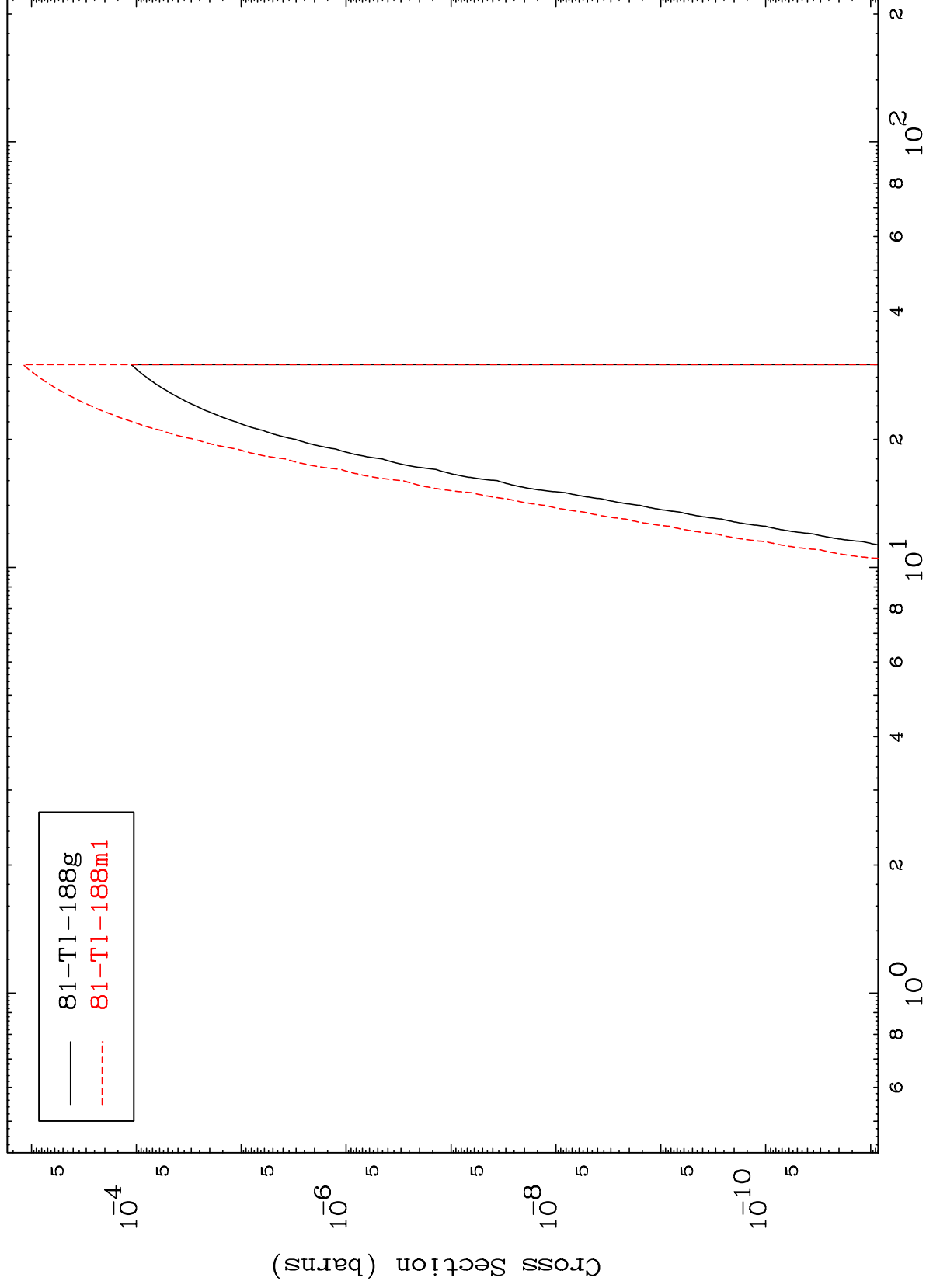


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(n,p) d

83-Bi-190m

Radionuclide Production Cross Section

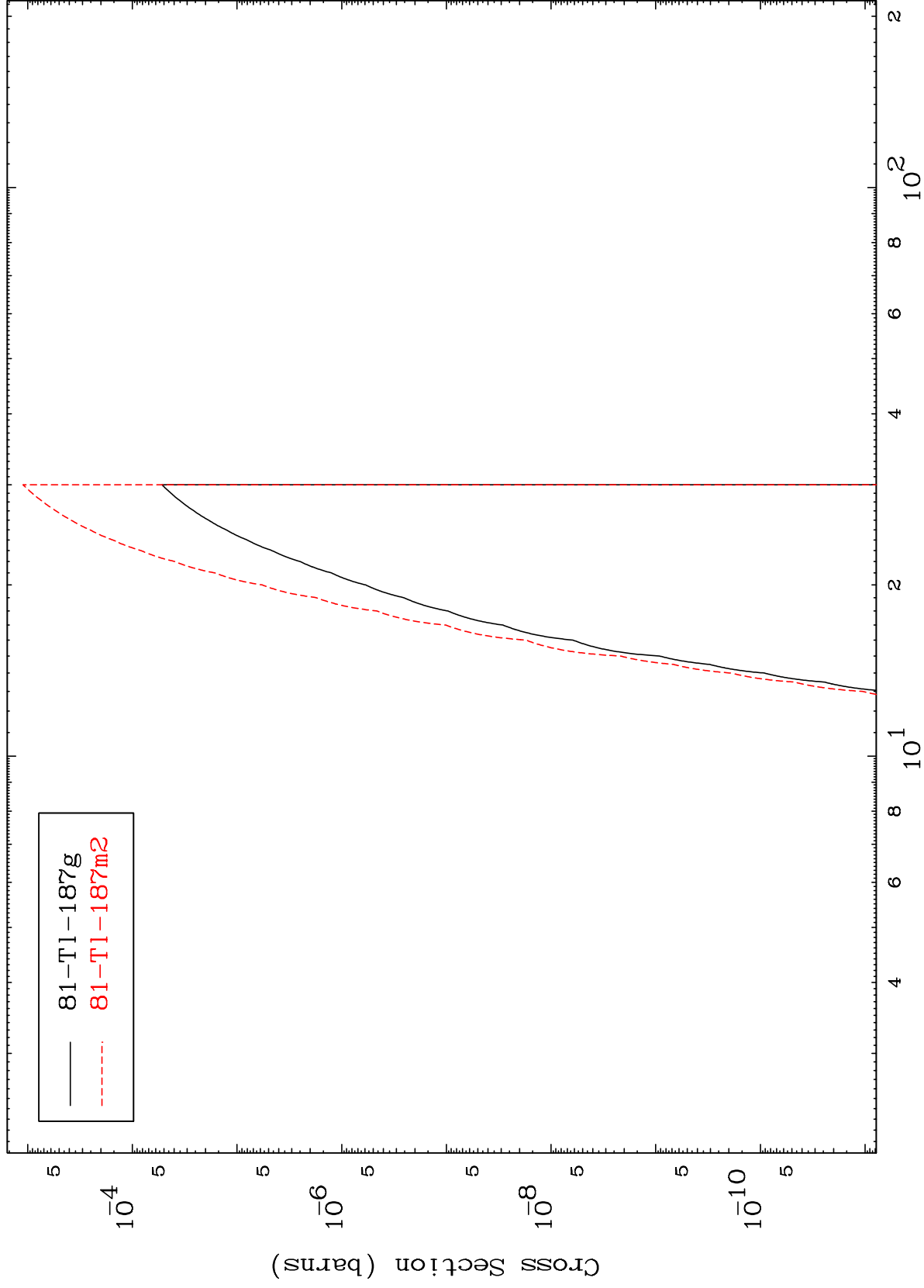


35

Incident Energy (MeV)

83-Bi-190m

(n,p) t
Radionuclide Production Cross Section

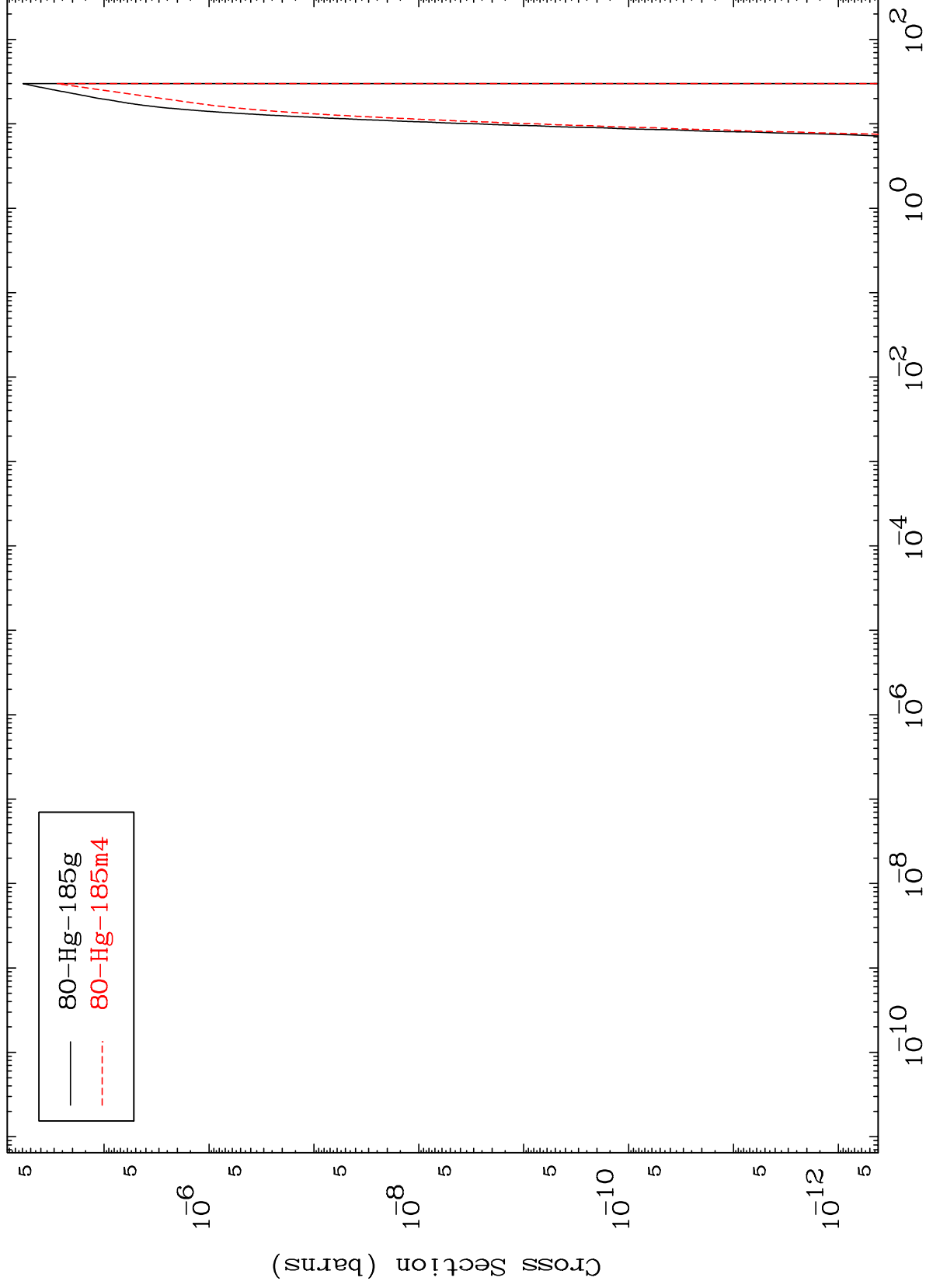


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(n,d) α

83-Bi-190m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

83-Bi-190m