

Program EVALPLOT
(Version 2021-1)

by

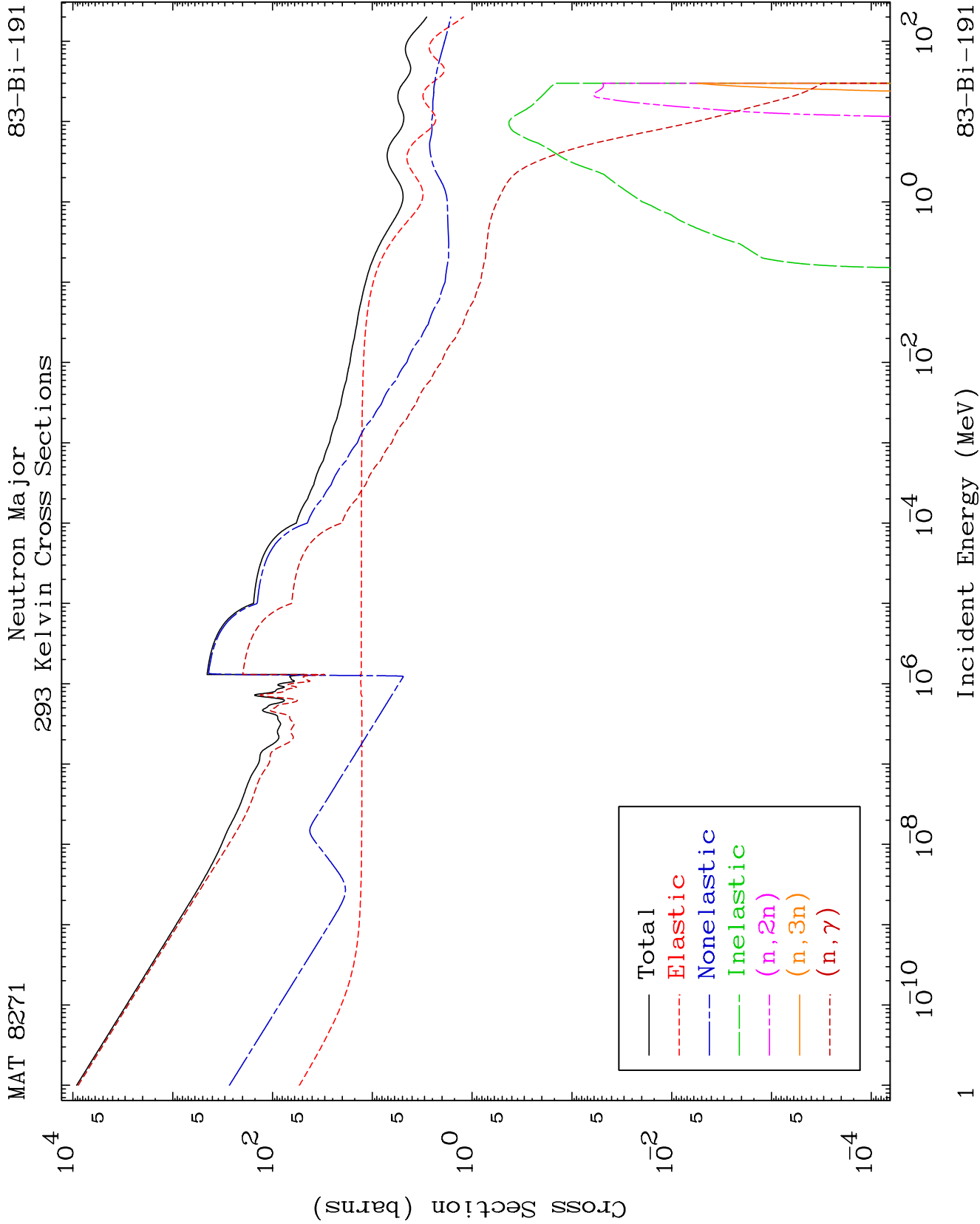
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

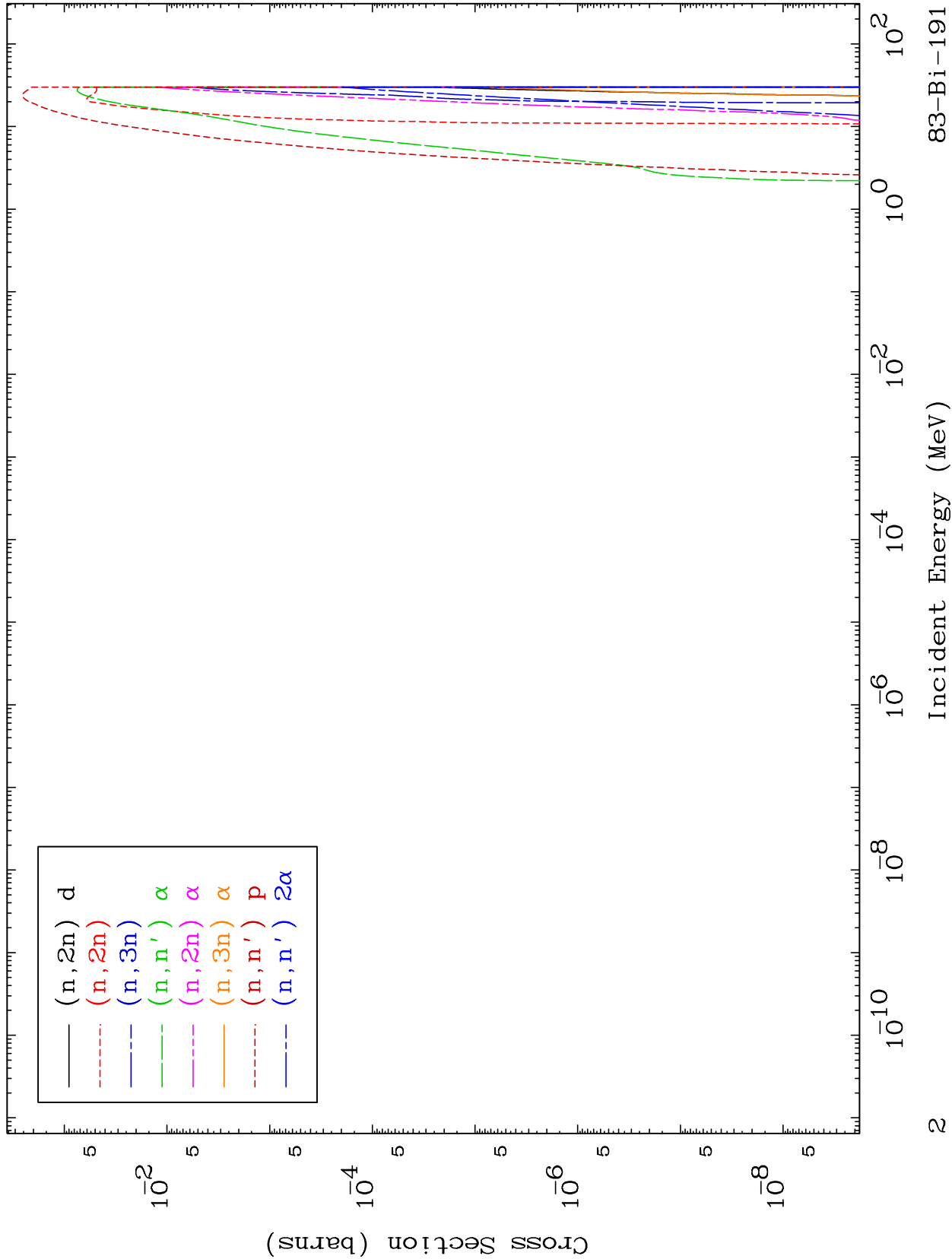
Press Mouse Button to Start

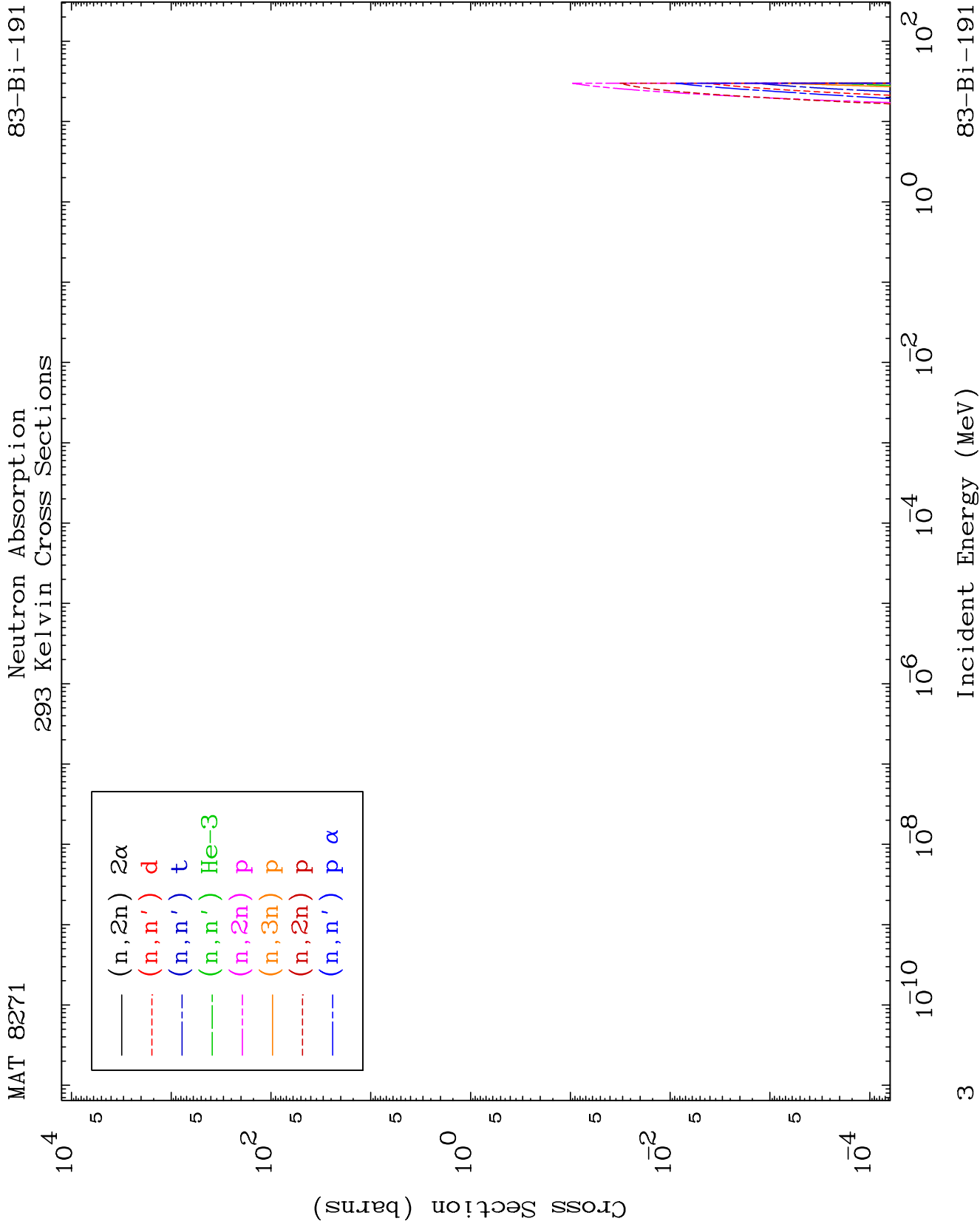


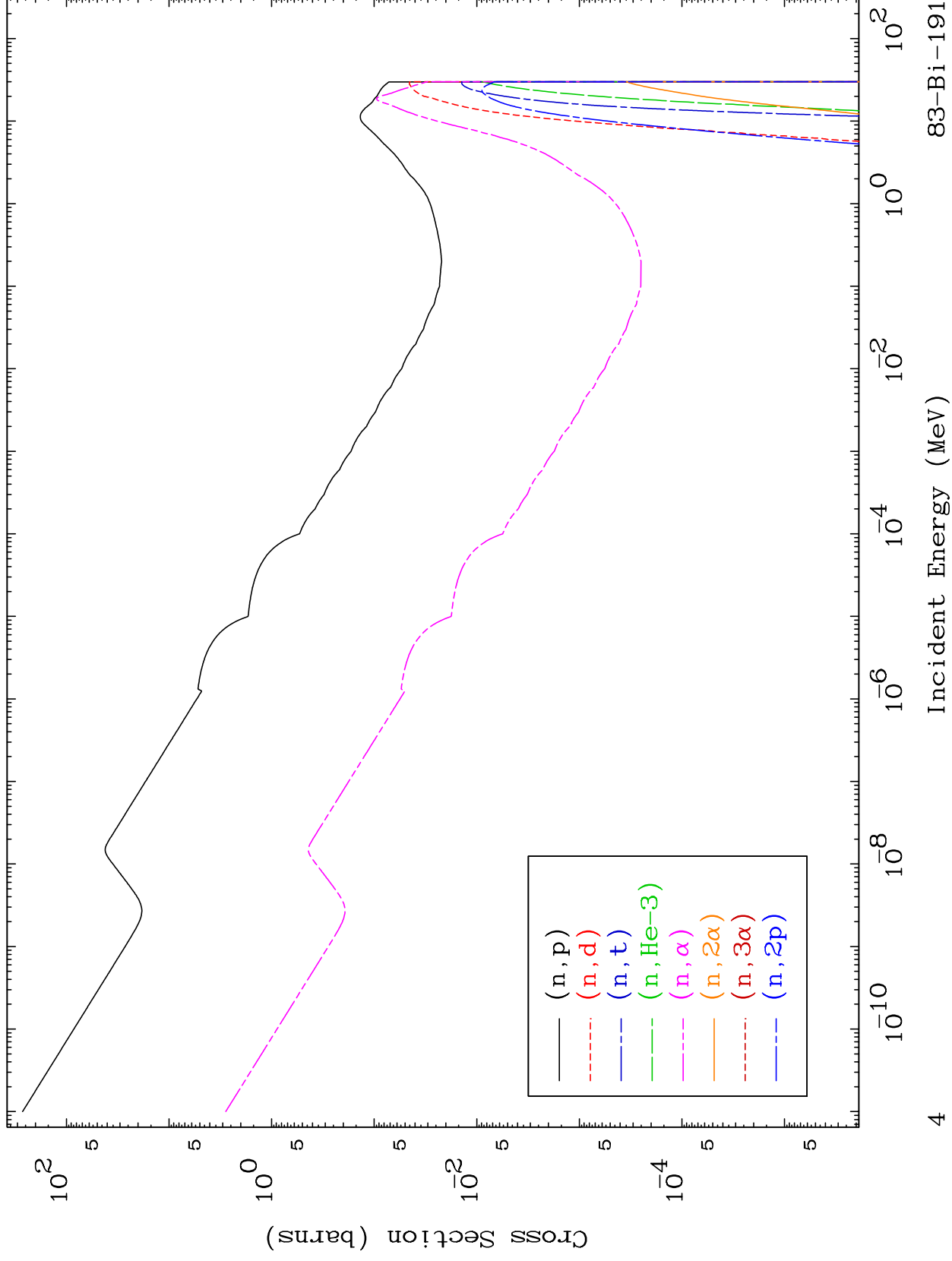
MAT 8271

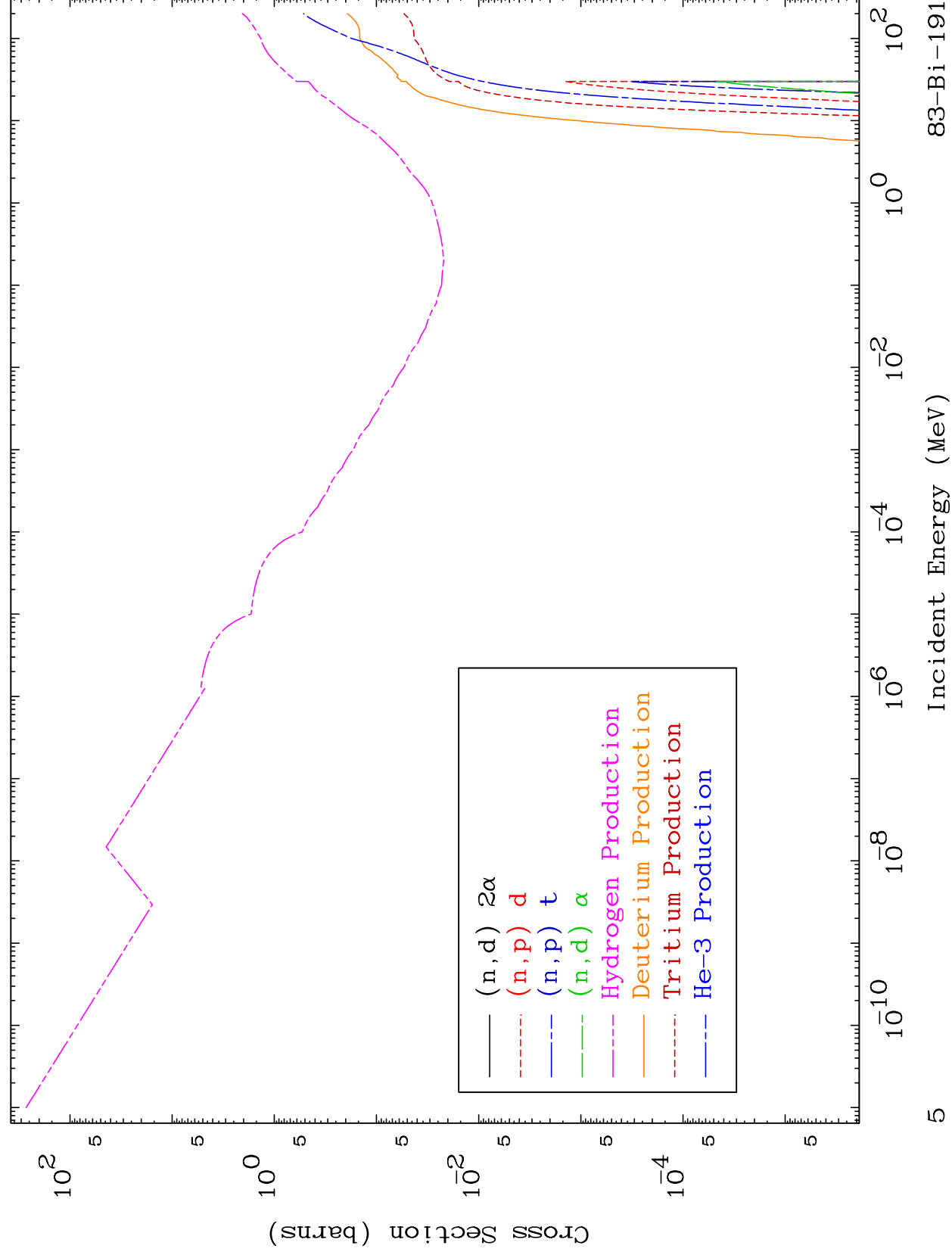
Neutron Absorption
293 Kelvin Cross Sections

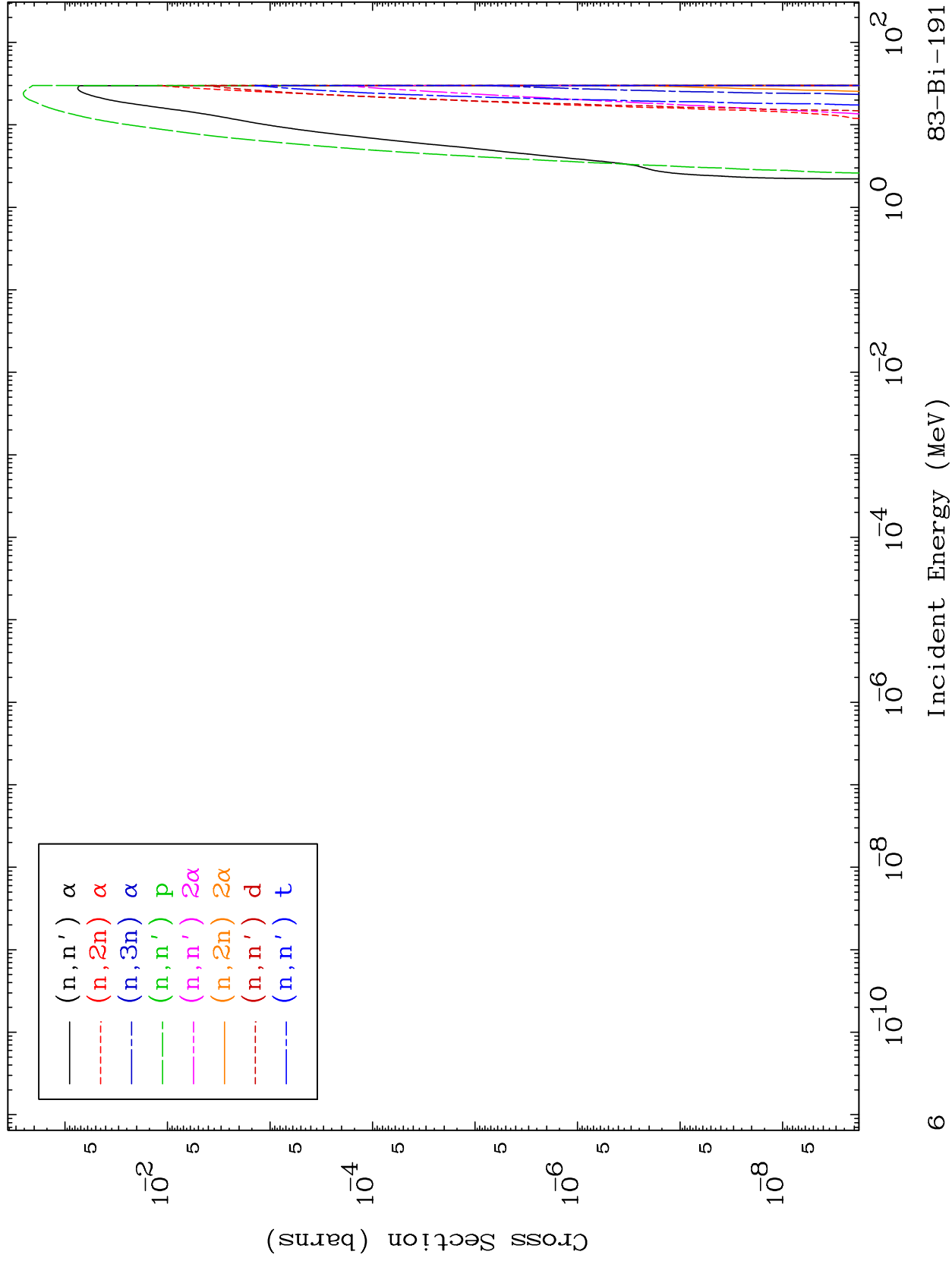
83-Bi-191

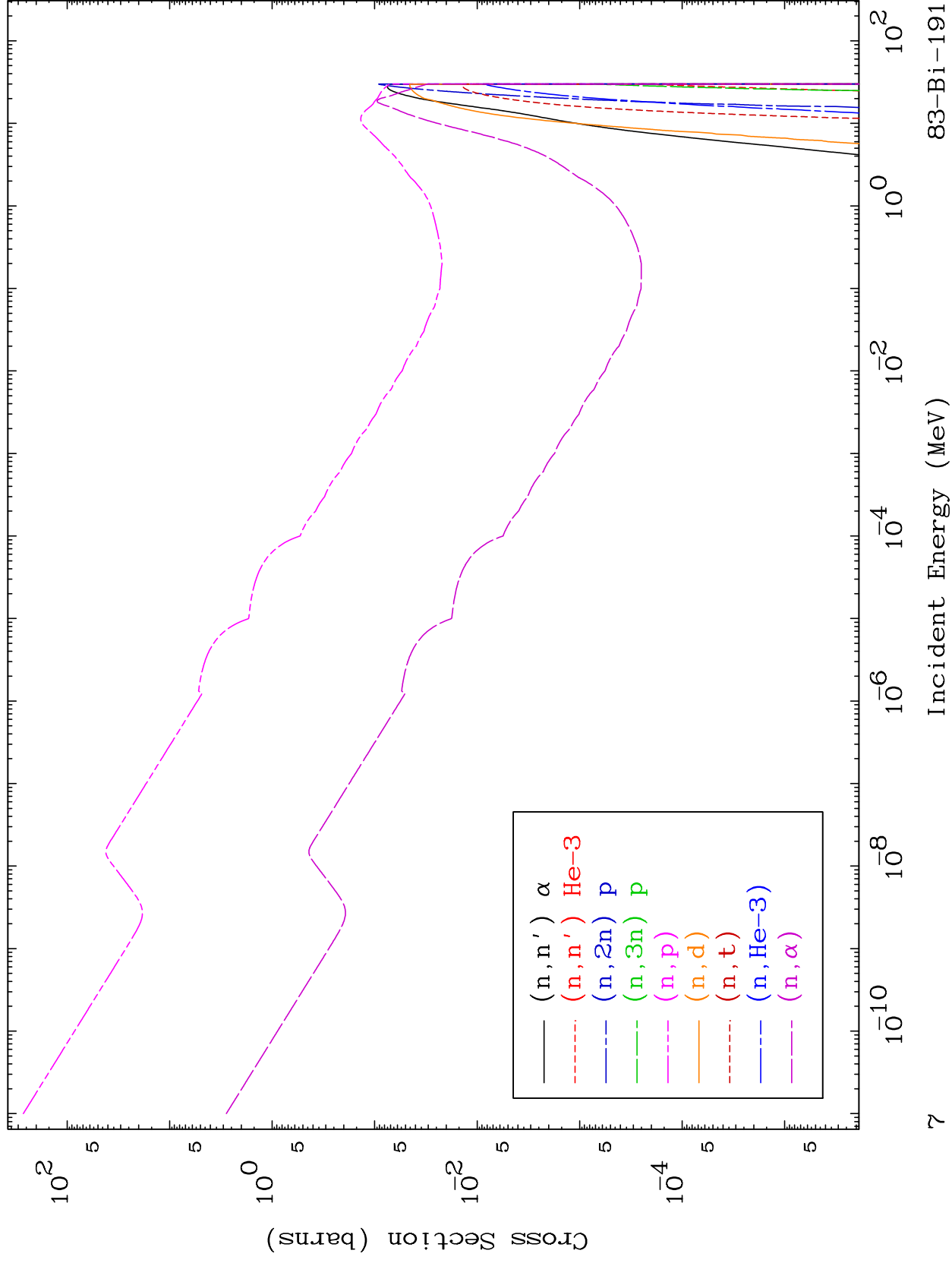


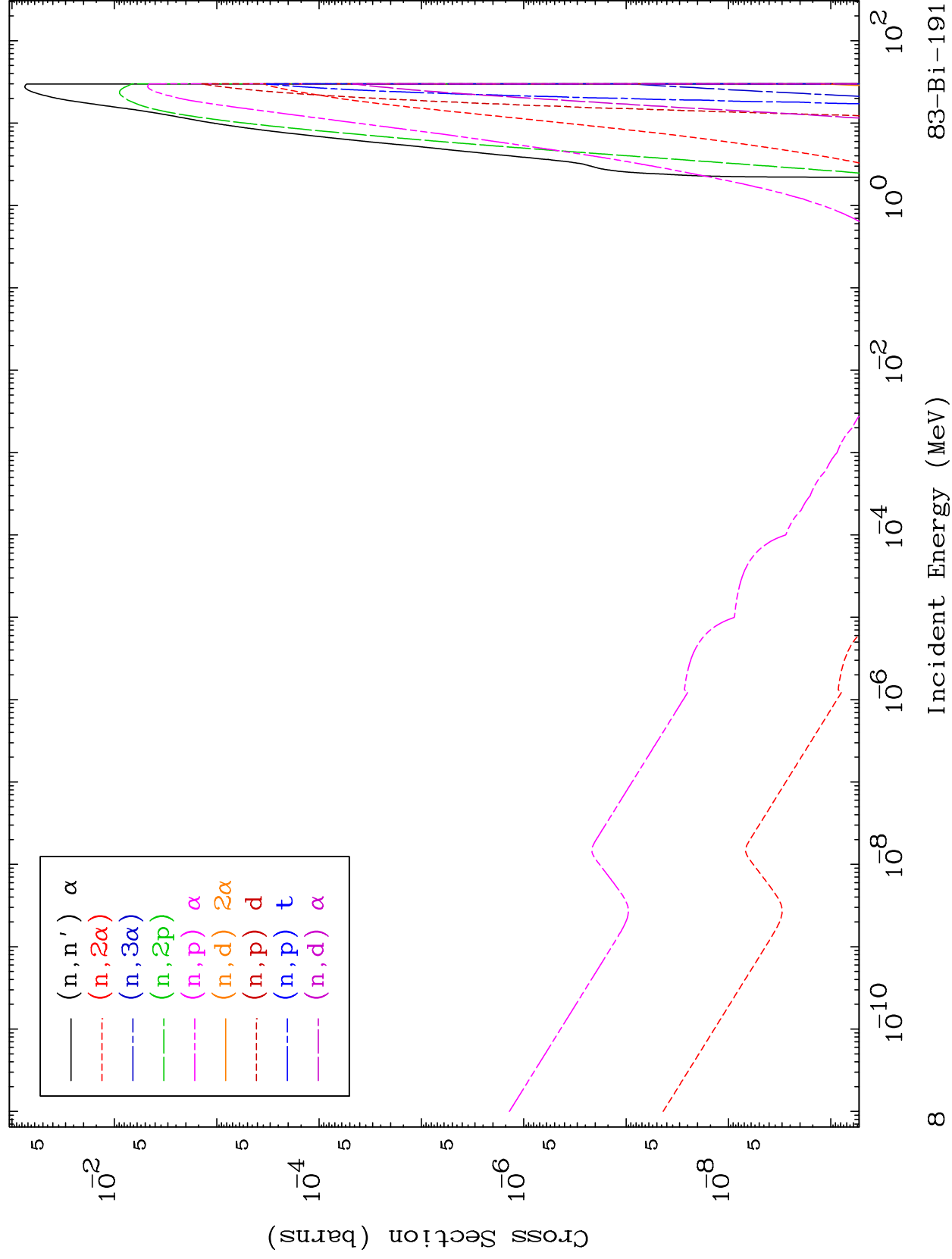


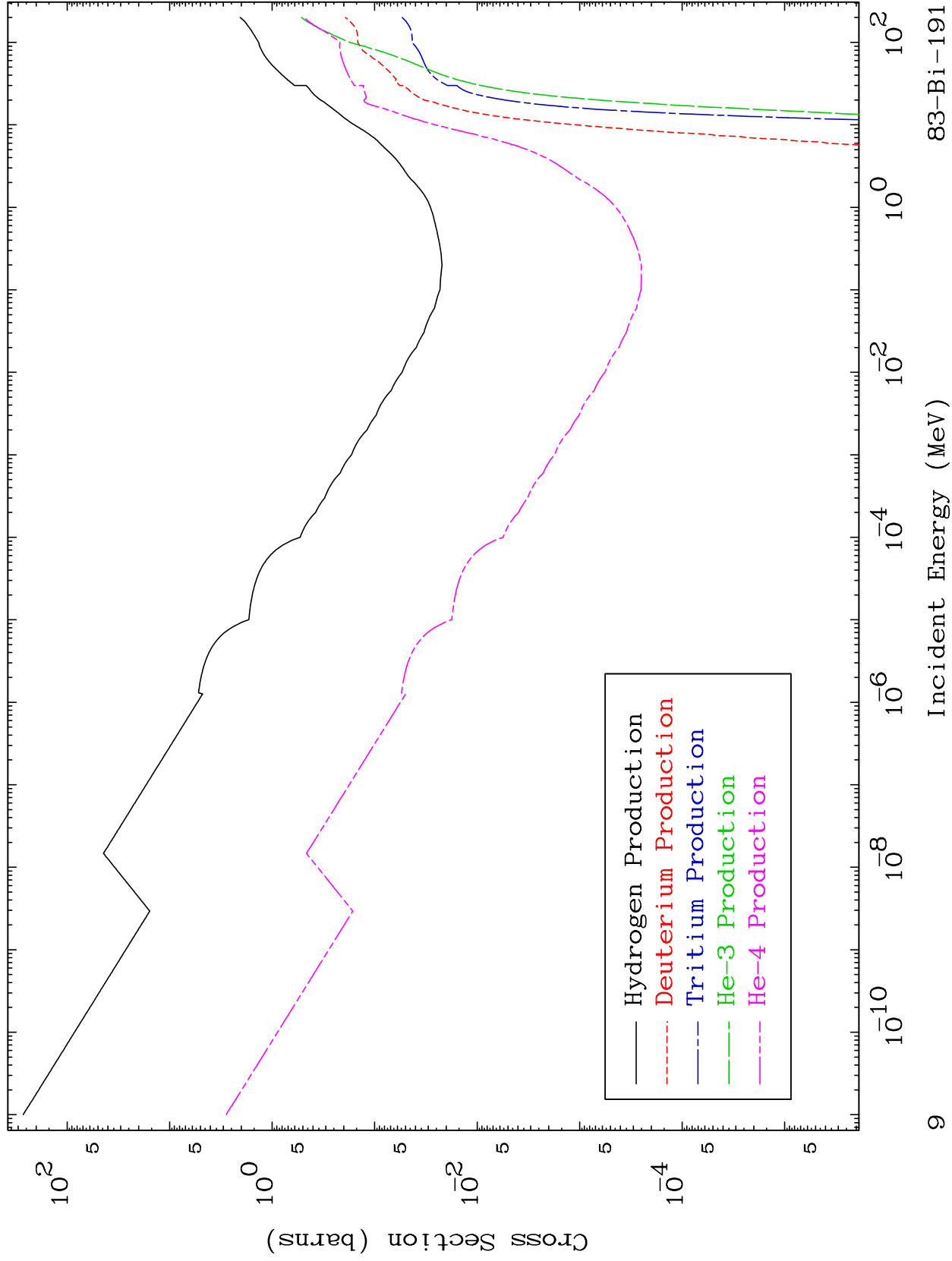


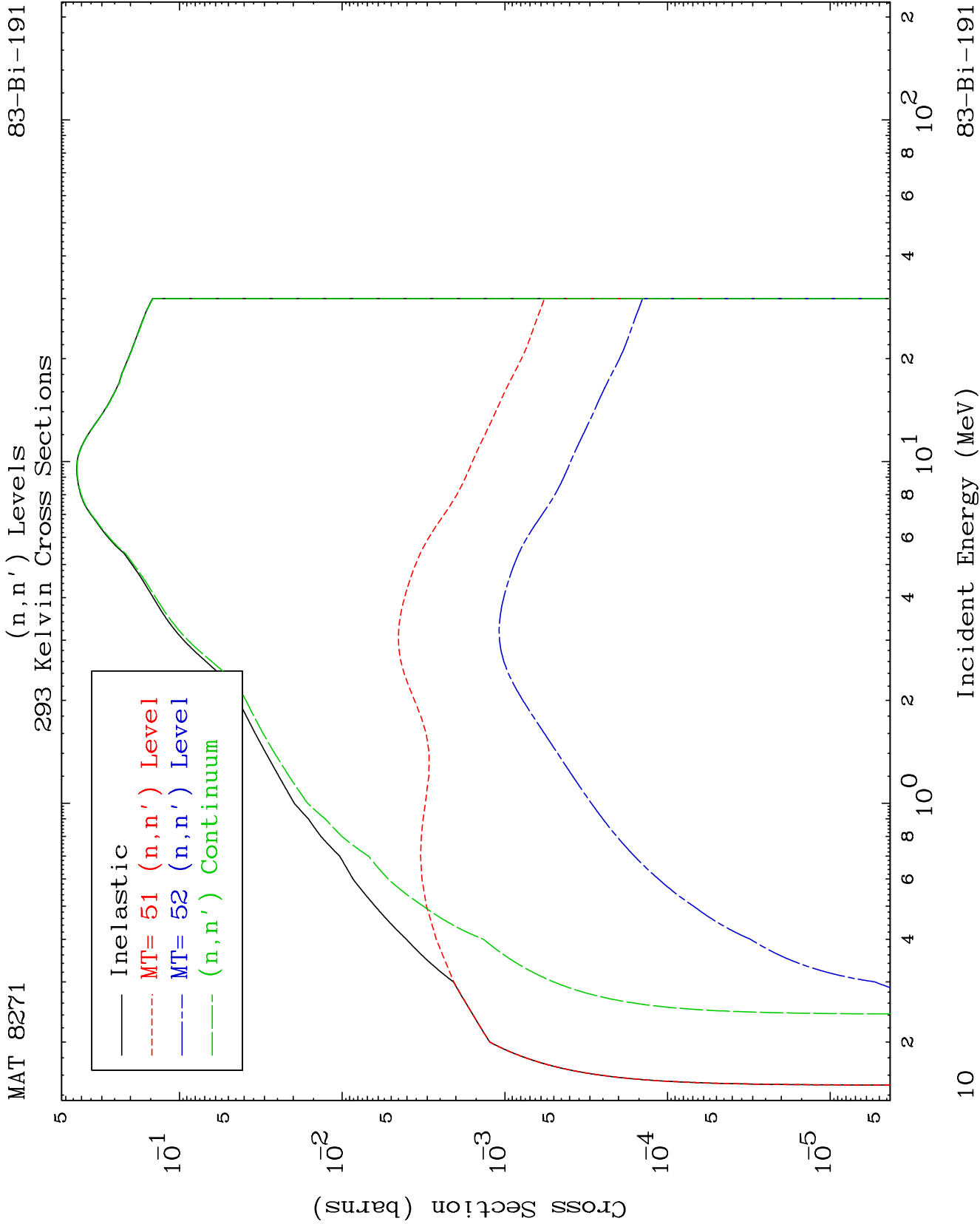








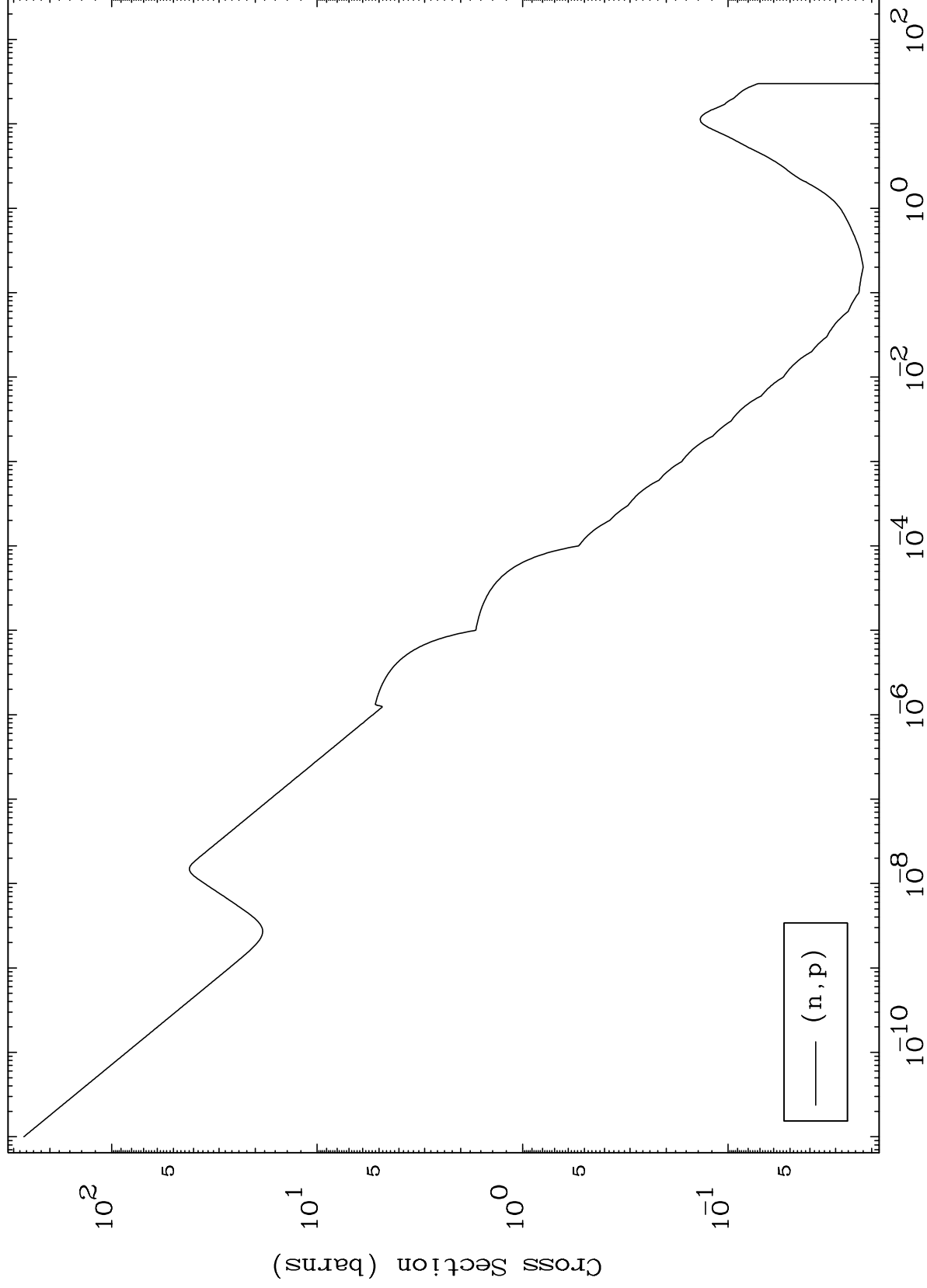




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(n,p) Levels
293 Kelvin Cross Sections



— (n,p)

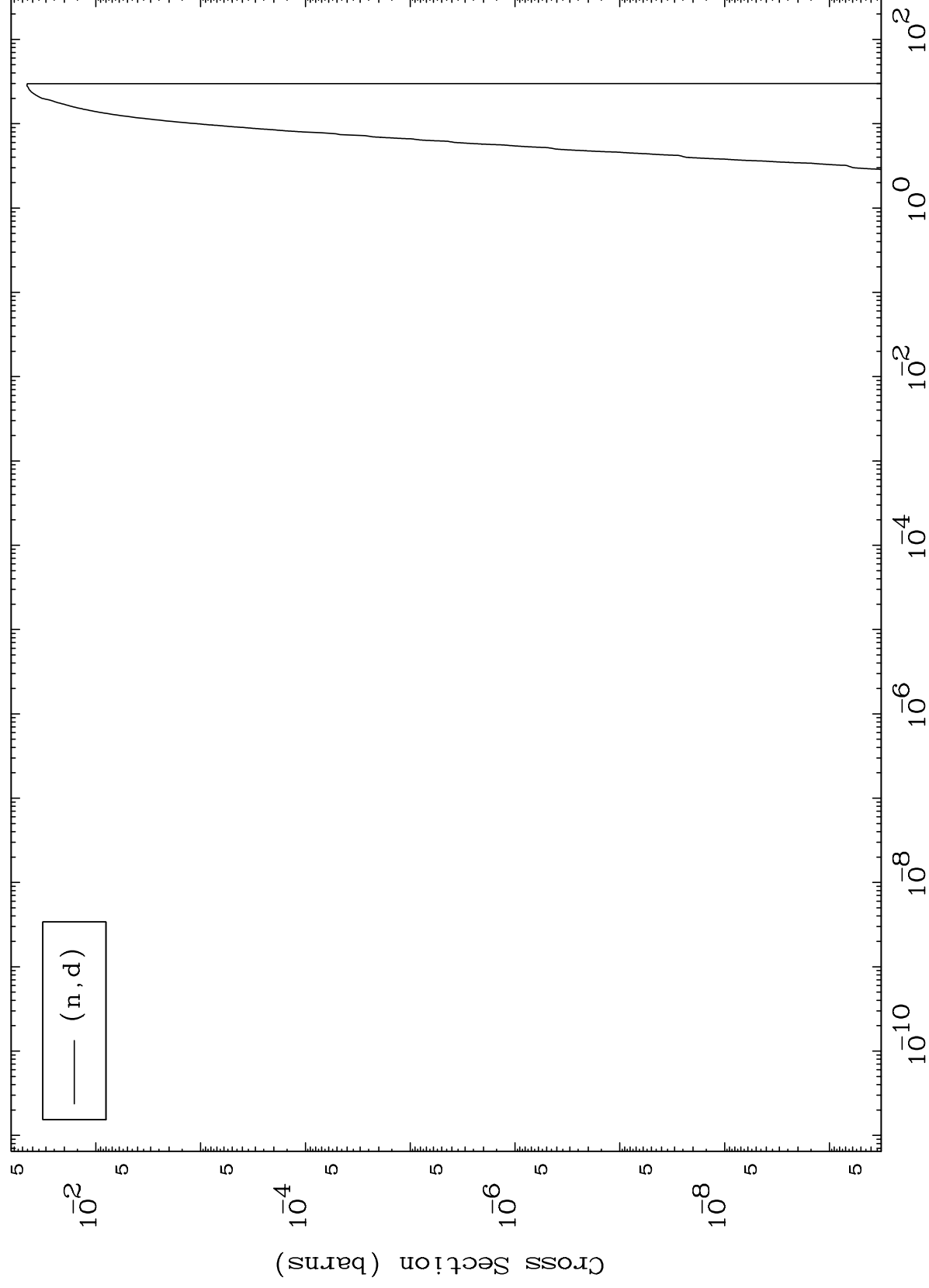
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(n,d) Levels
293 Kelvin Cross Sections

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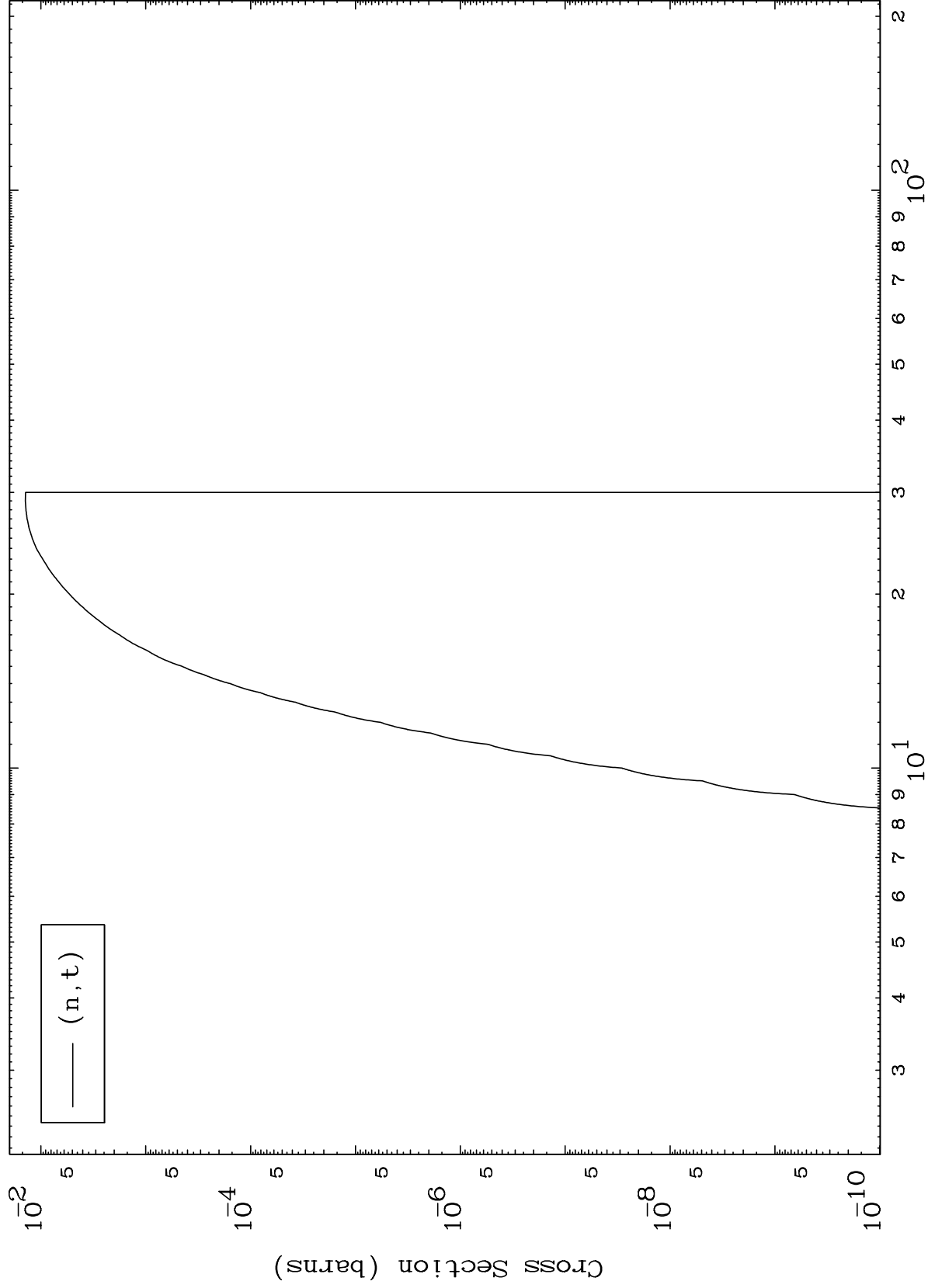
Incident Energy (MeV)

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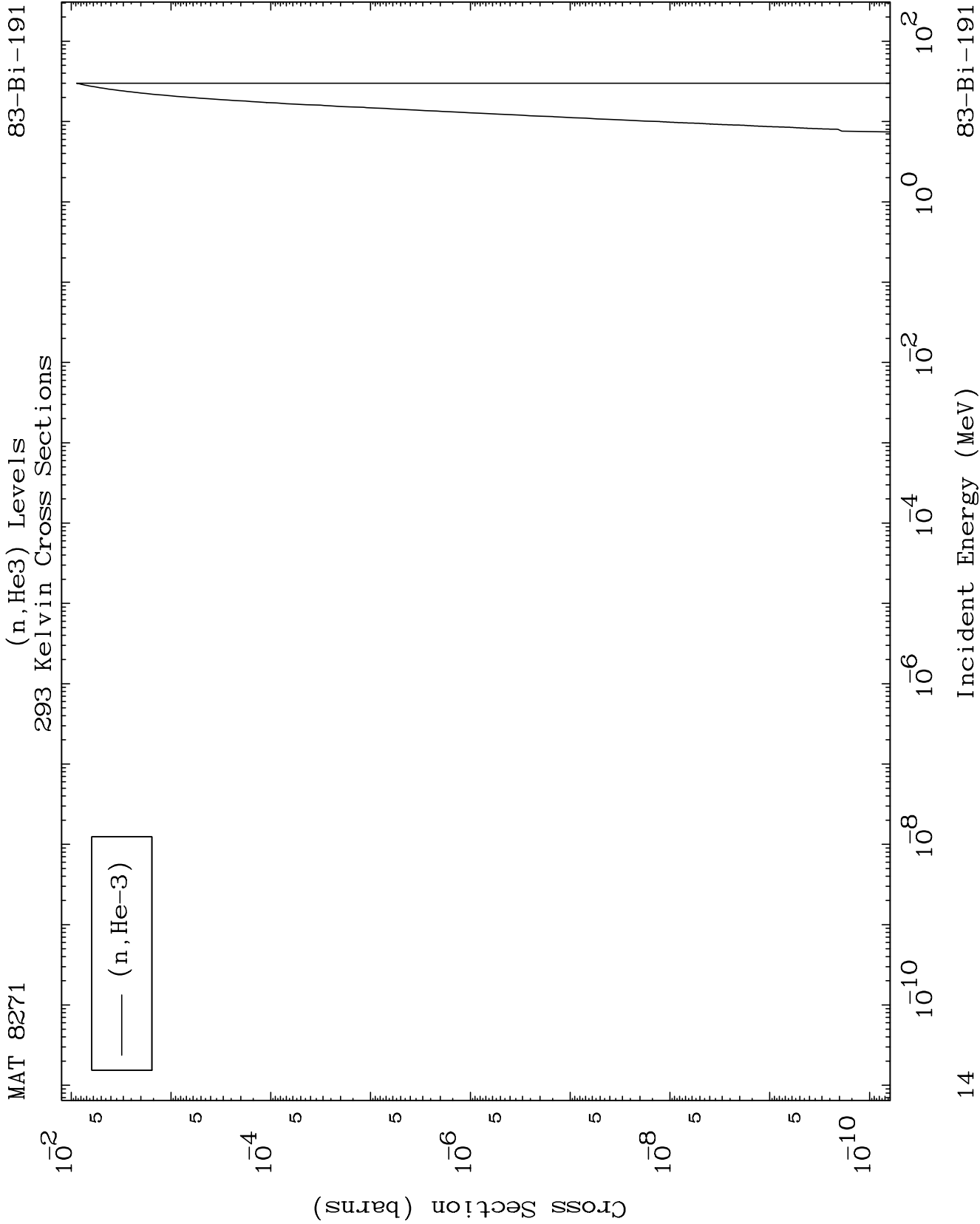
(n,t) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

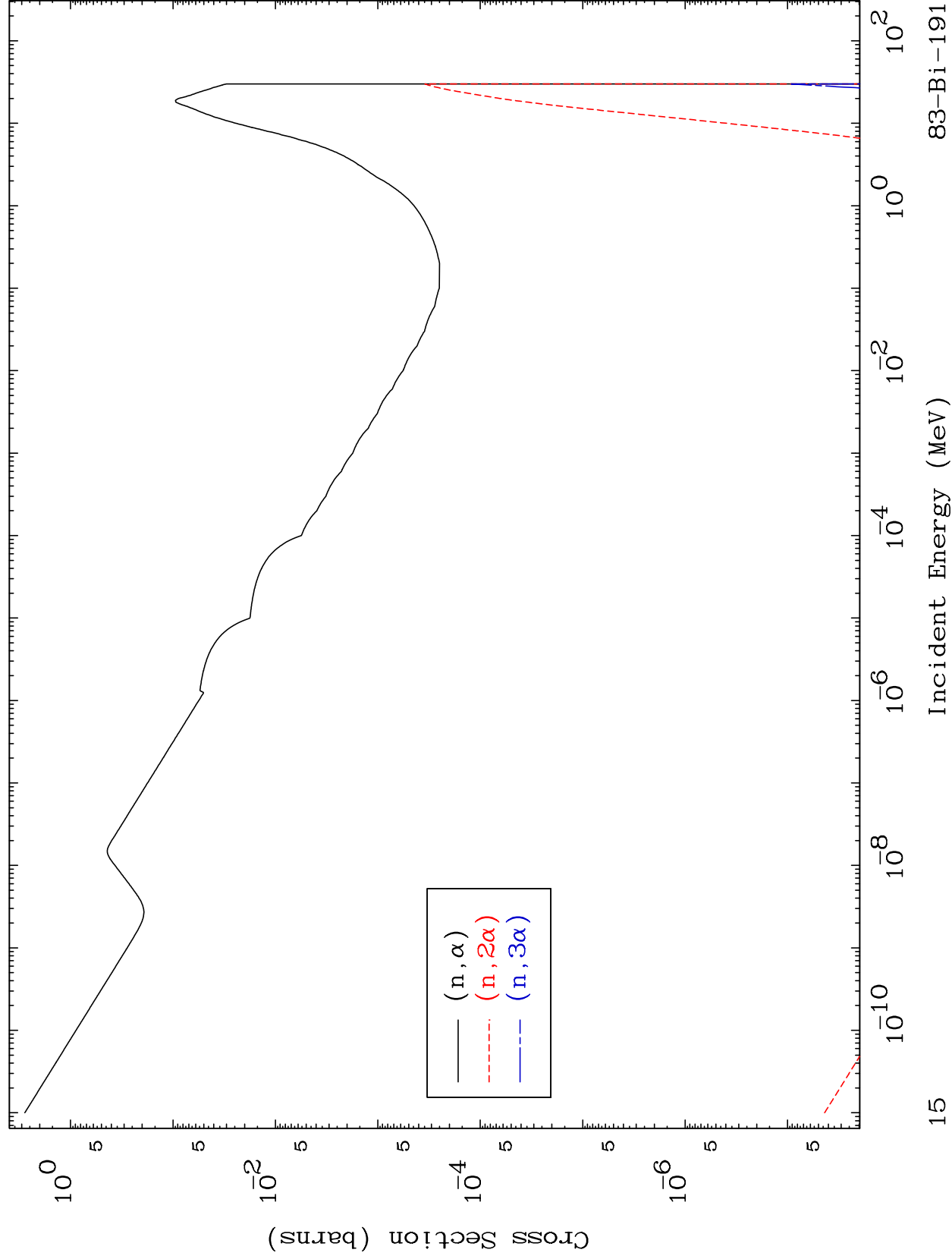
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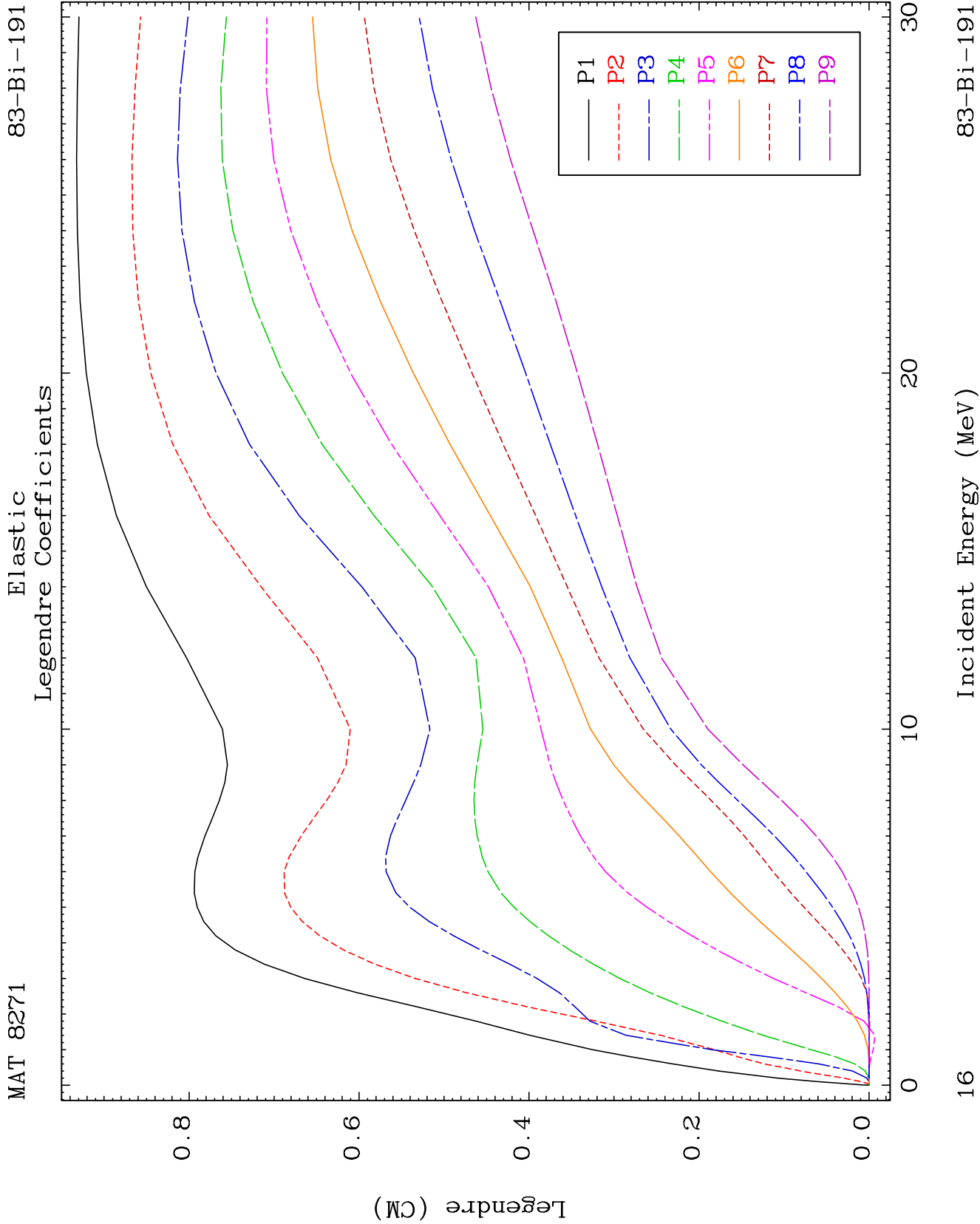
(n, α) Levels
293 Kelvin Cross Sections

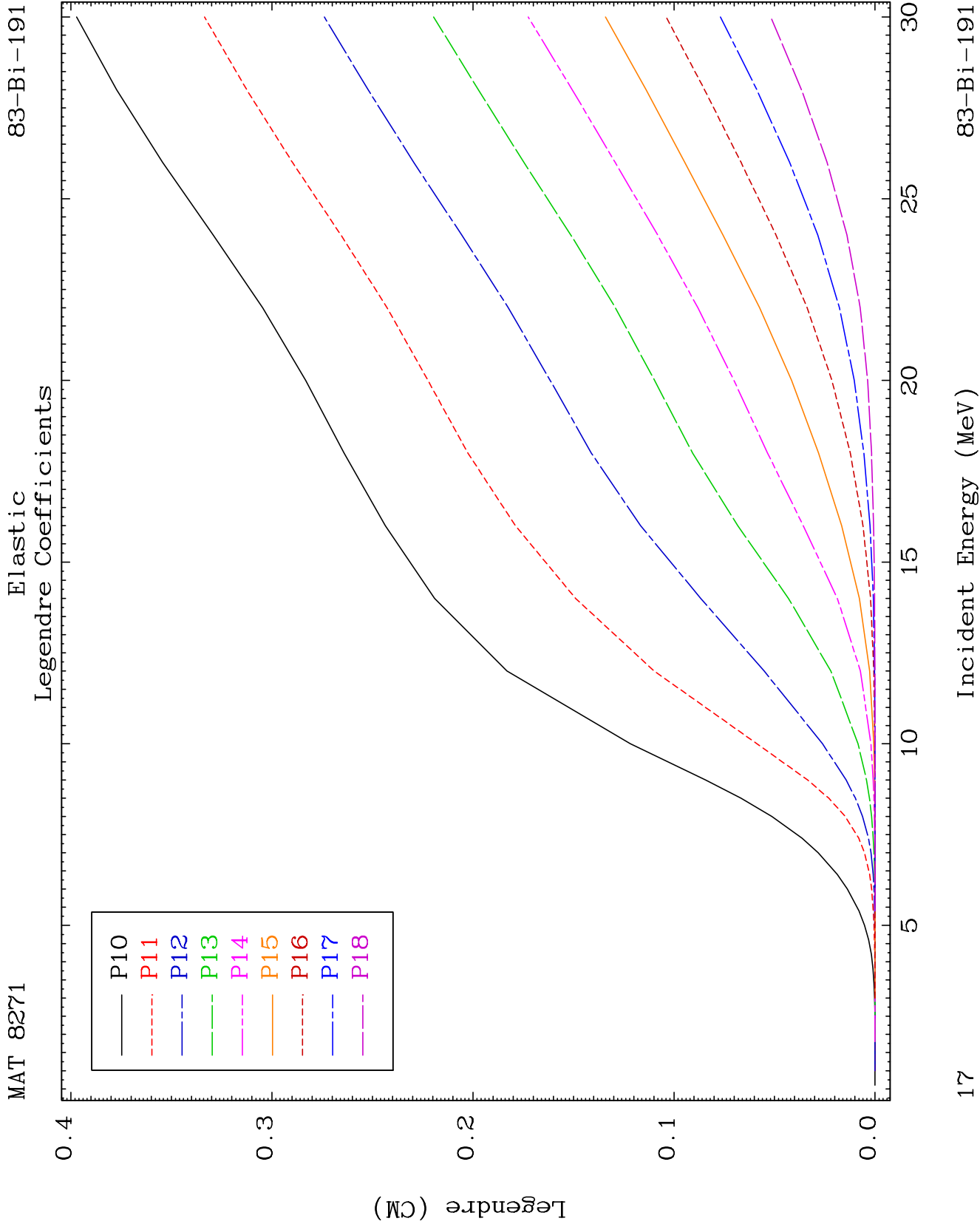
83-Bi-191

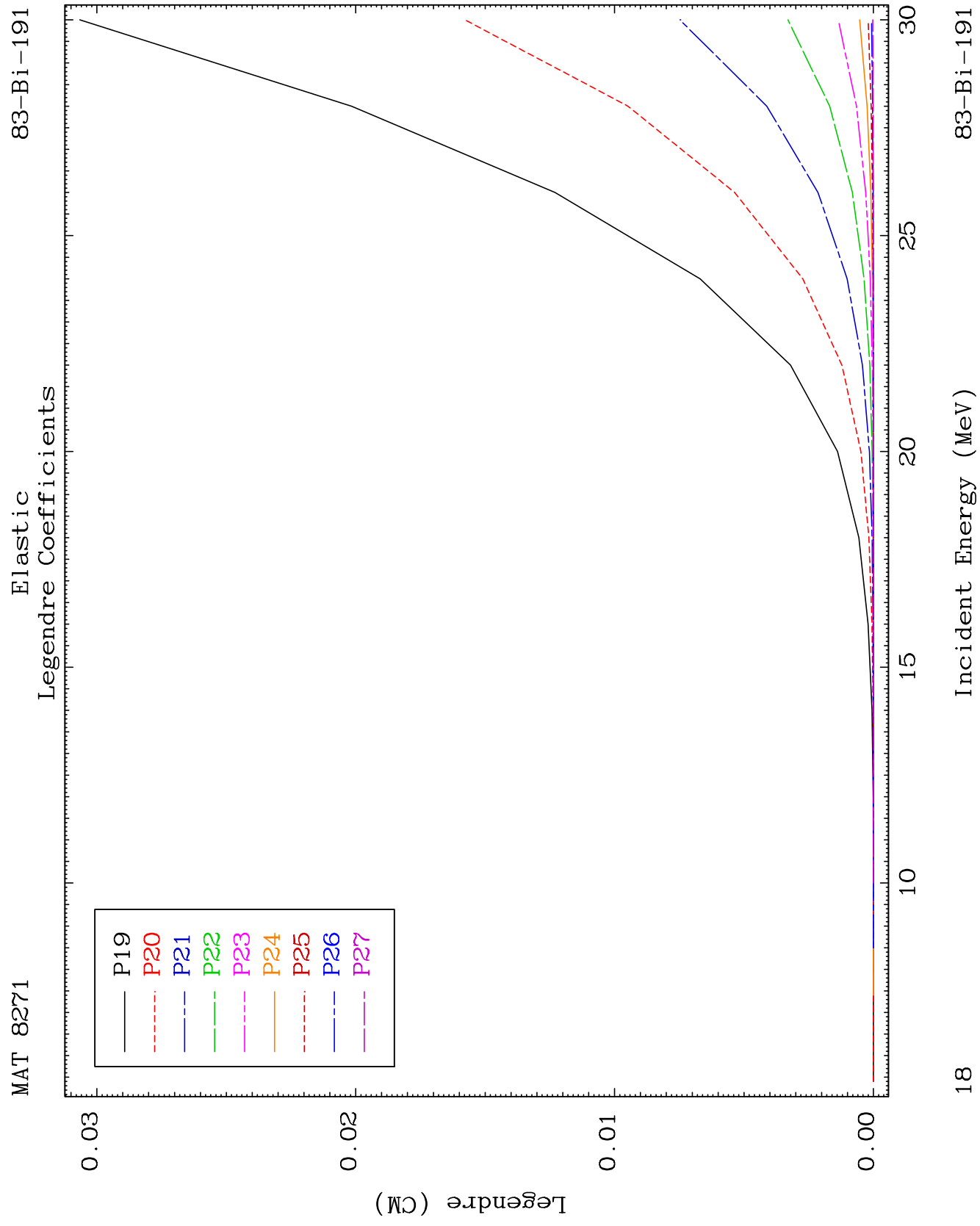


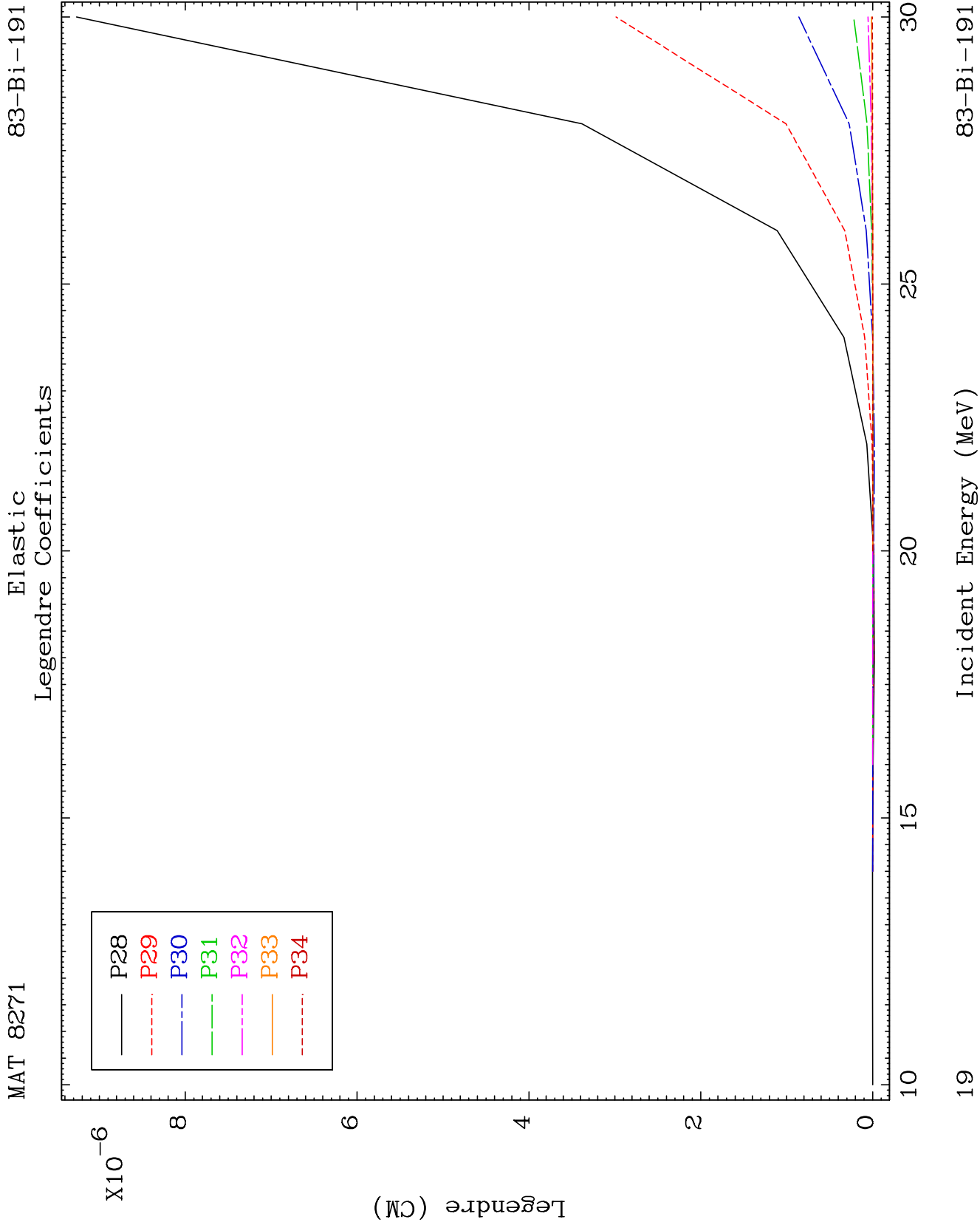
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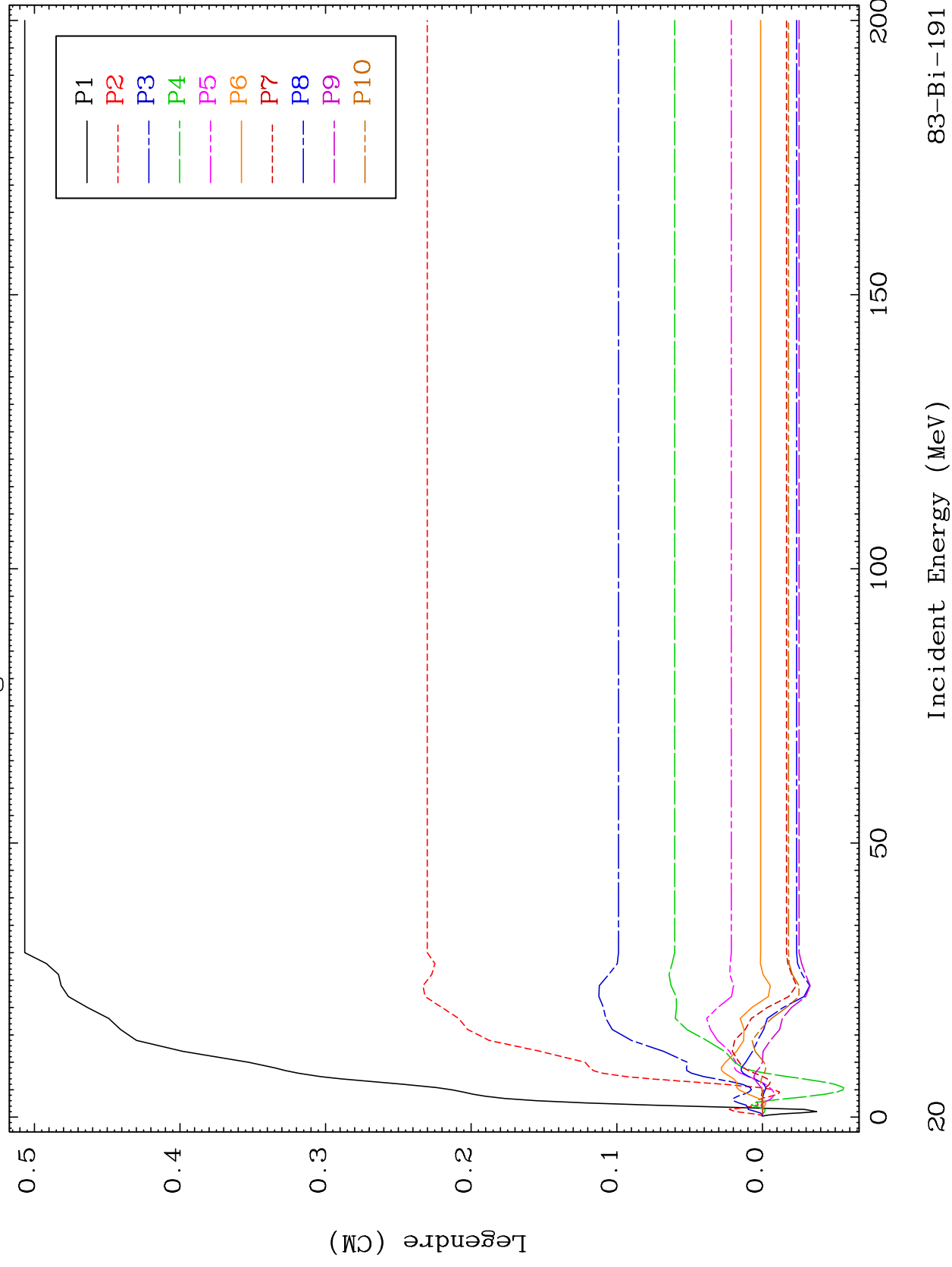




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MT= 51 (n, n') Level
Legendre Coefficients

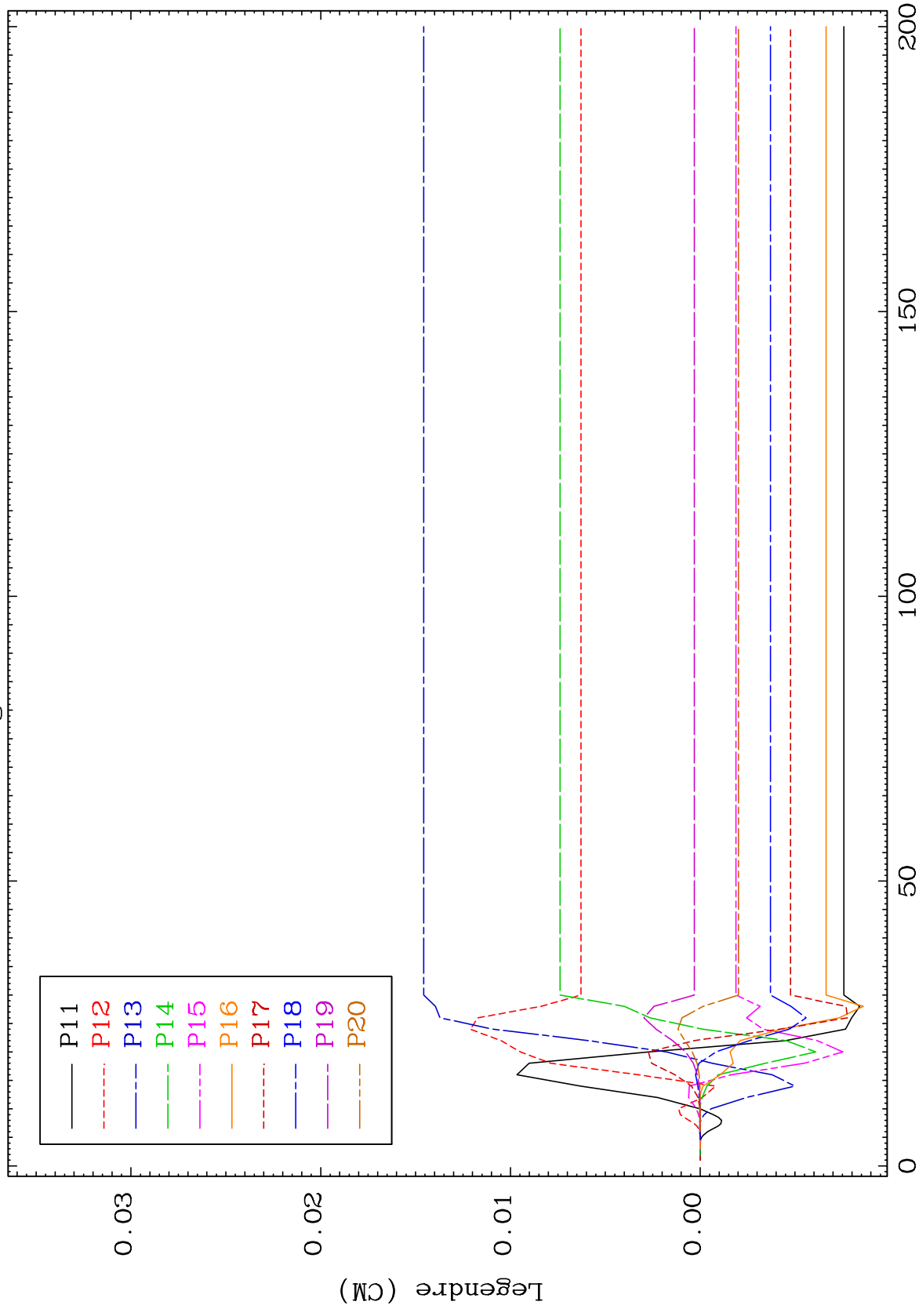
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MAT 8271

MT= 51 (n, n') Level
Legendre Coefficients

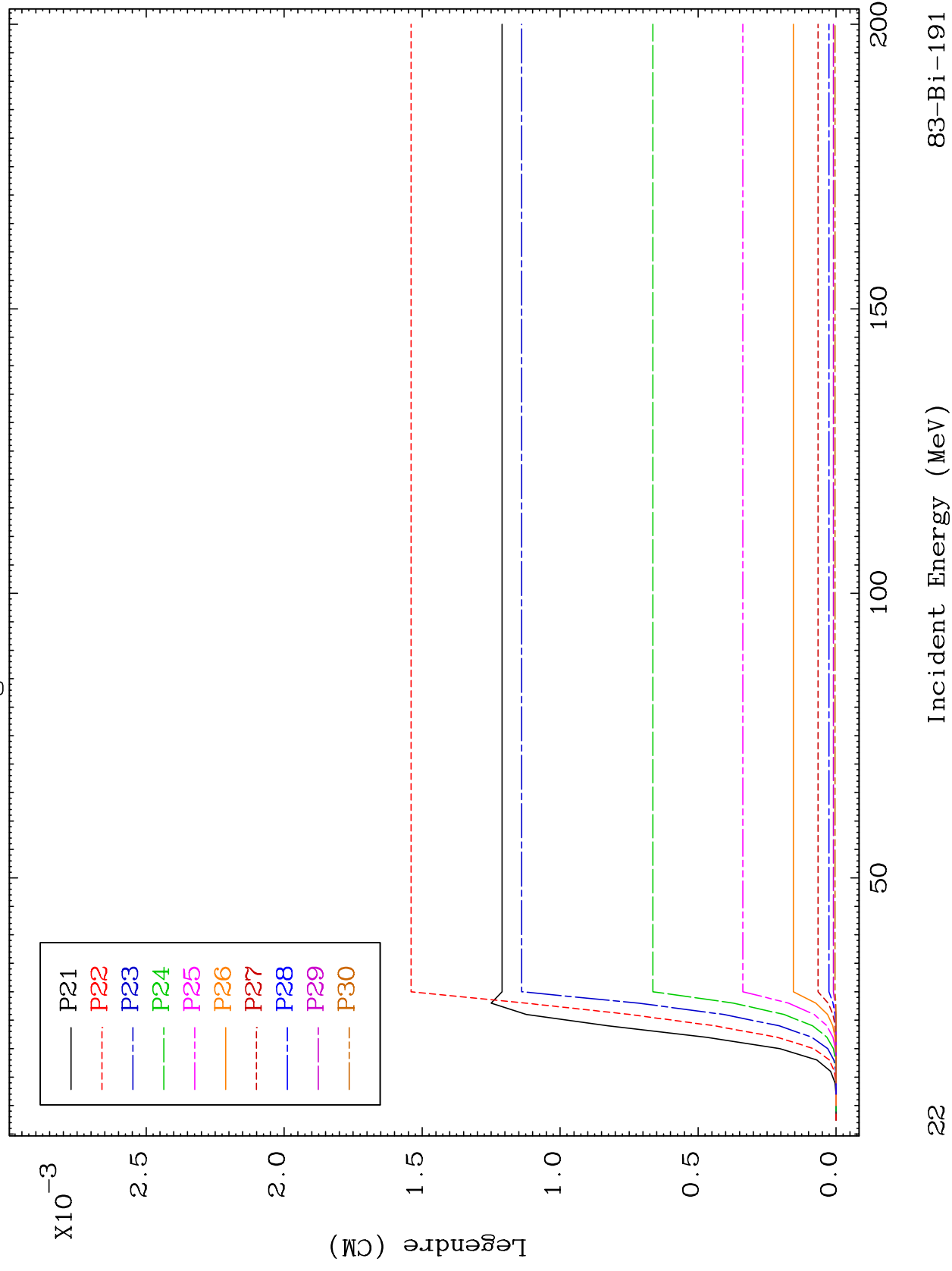
83-Bi-191

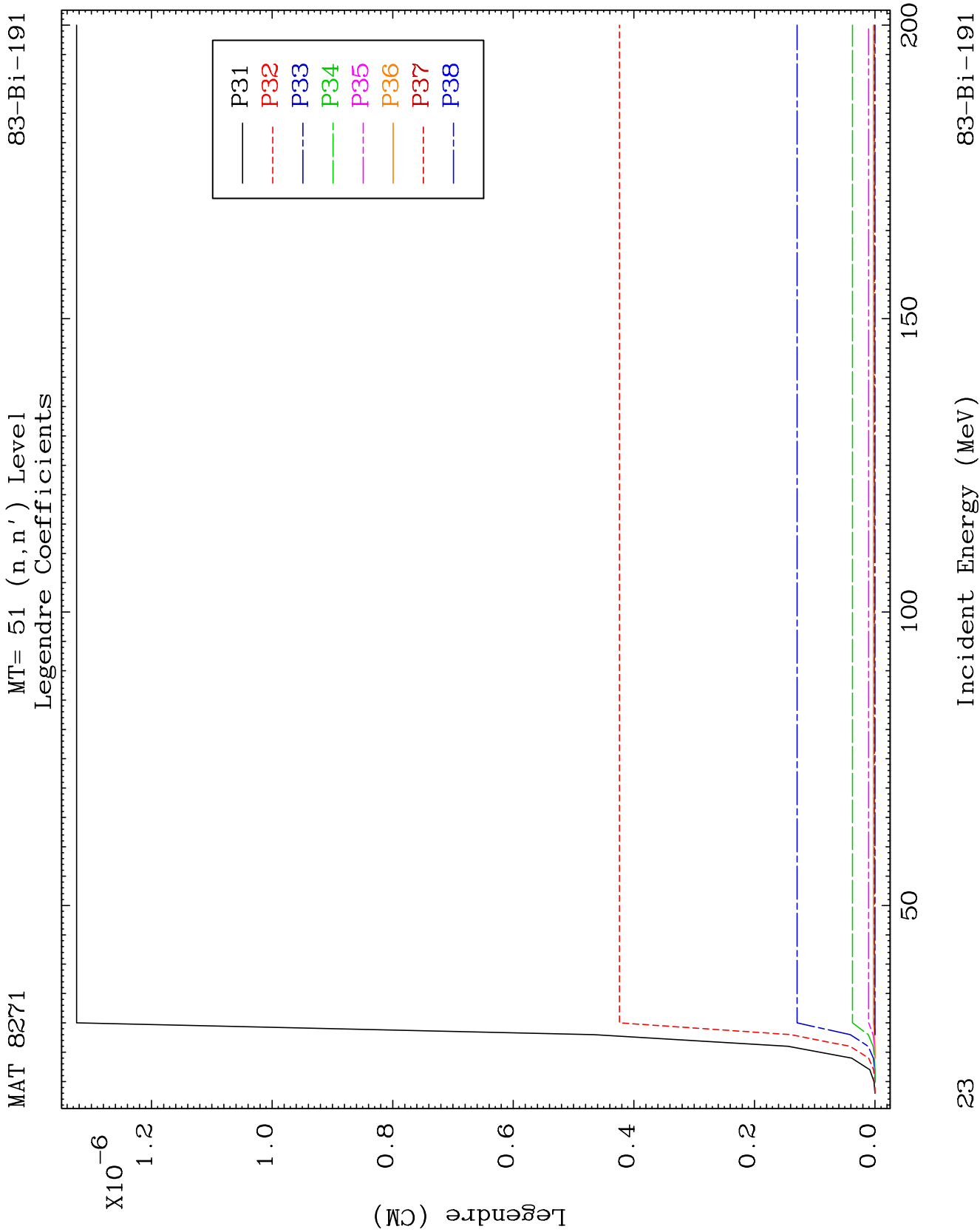


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Incident Energy (MeV)

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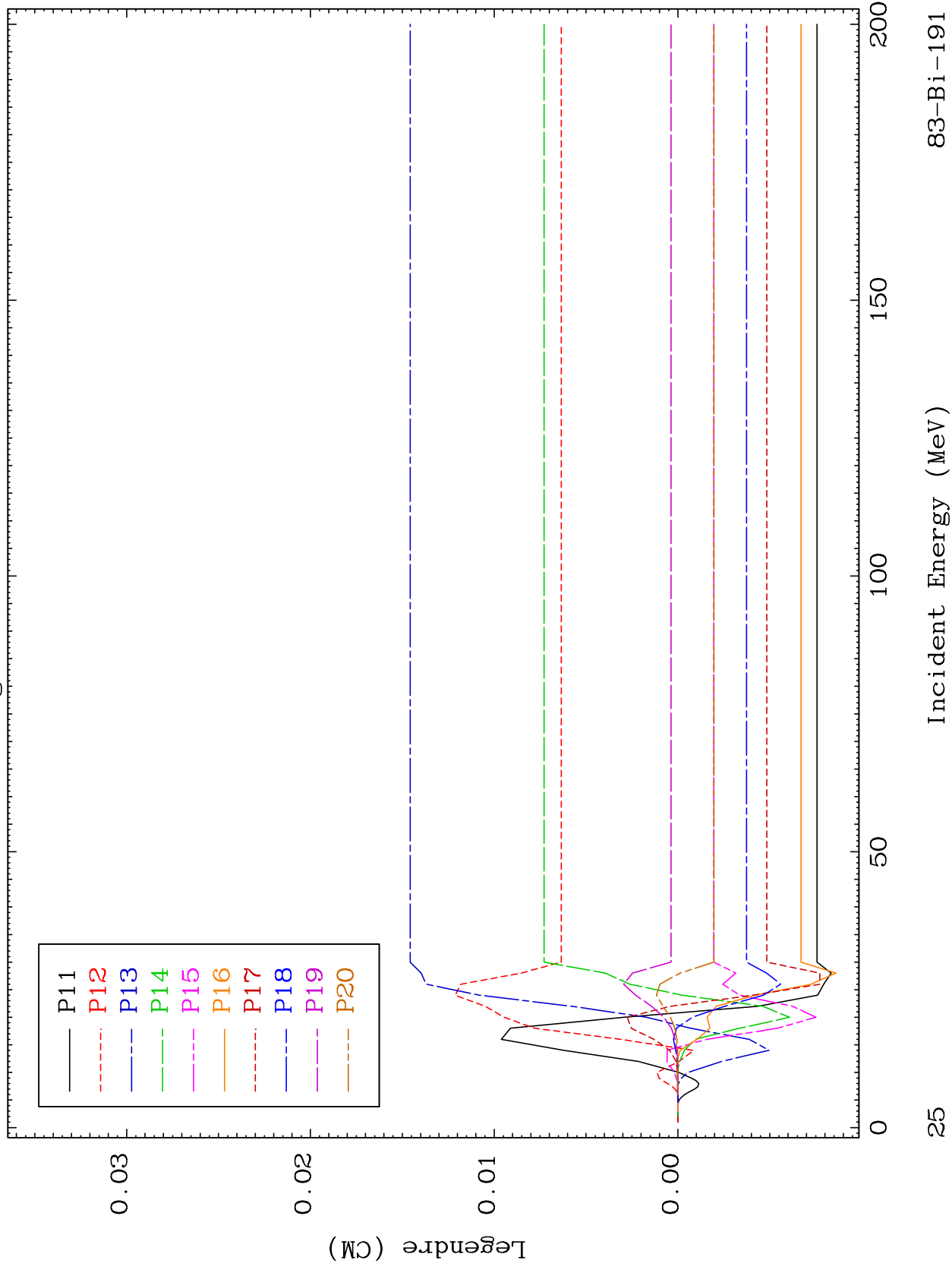




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MT= 52 (n, n') Level
Legendre Coefficients

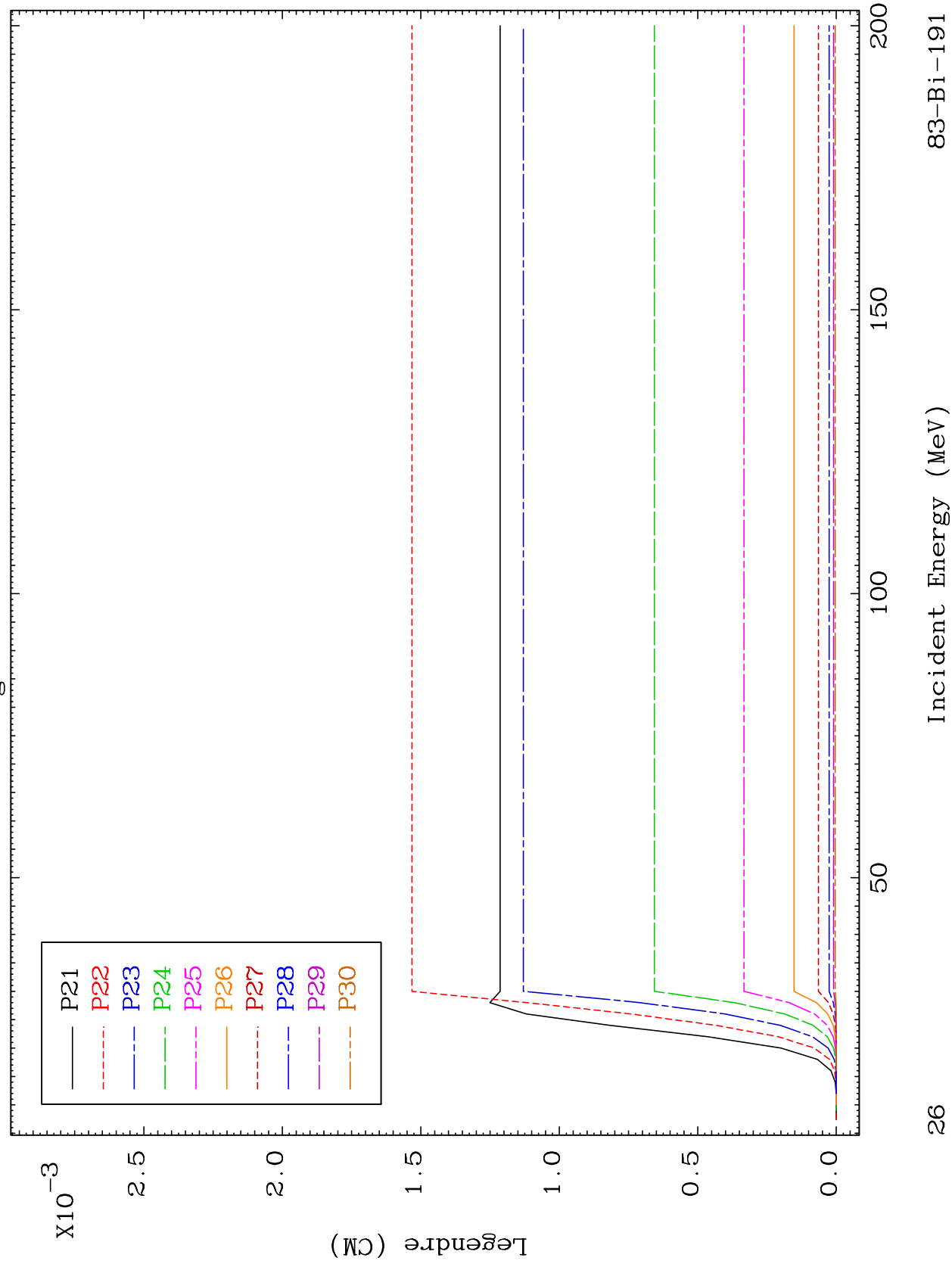
83-Bi-191

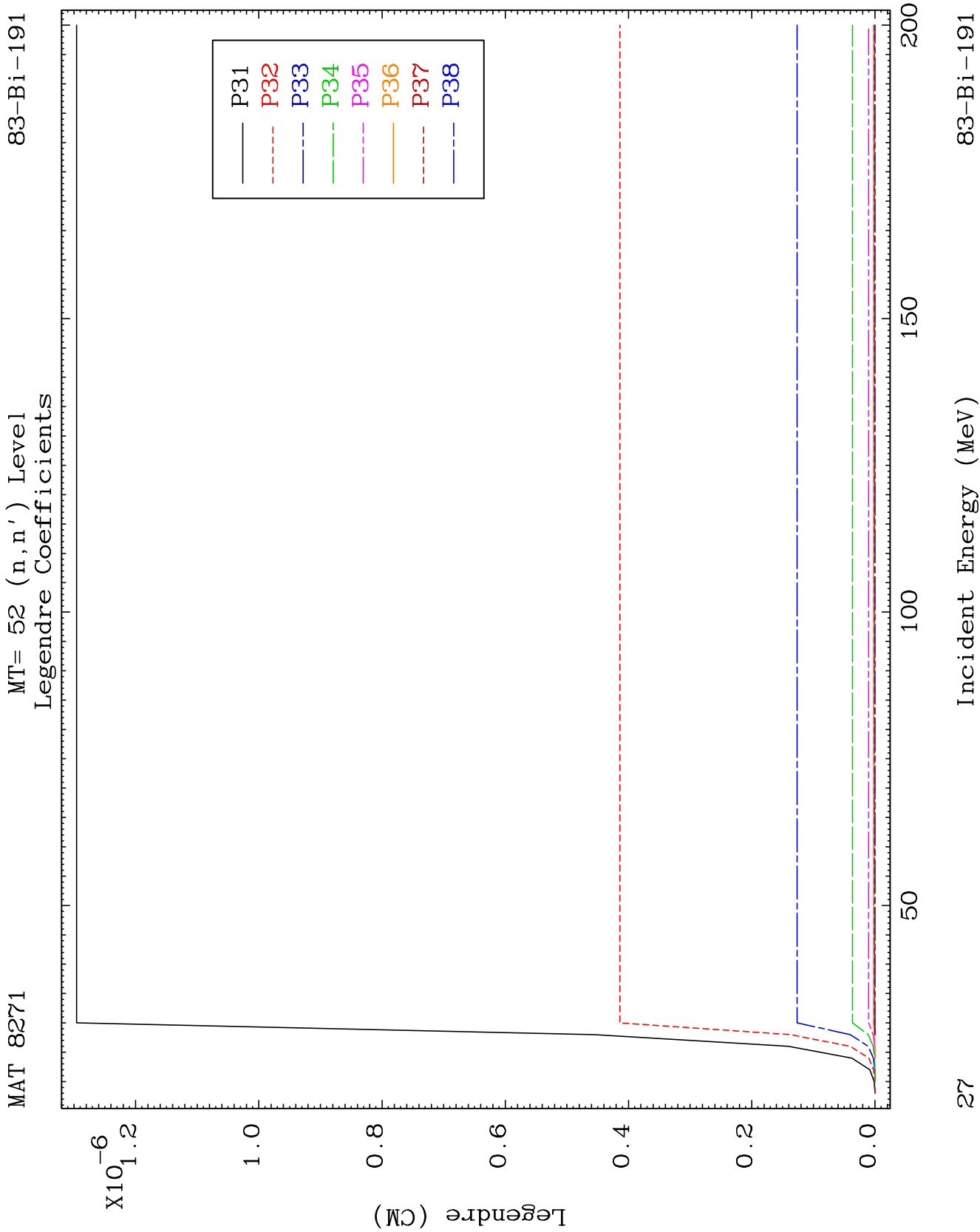


MAT 8271

MT= 52 (n, n') Level
Legendre Coefficients

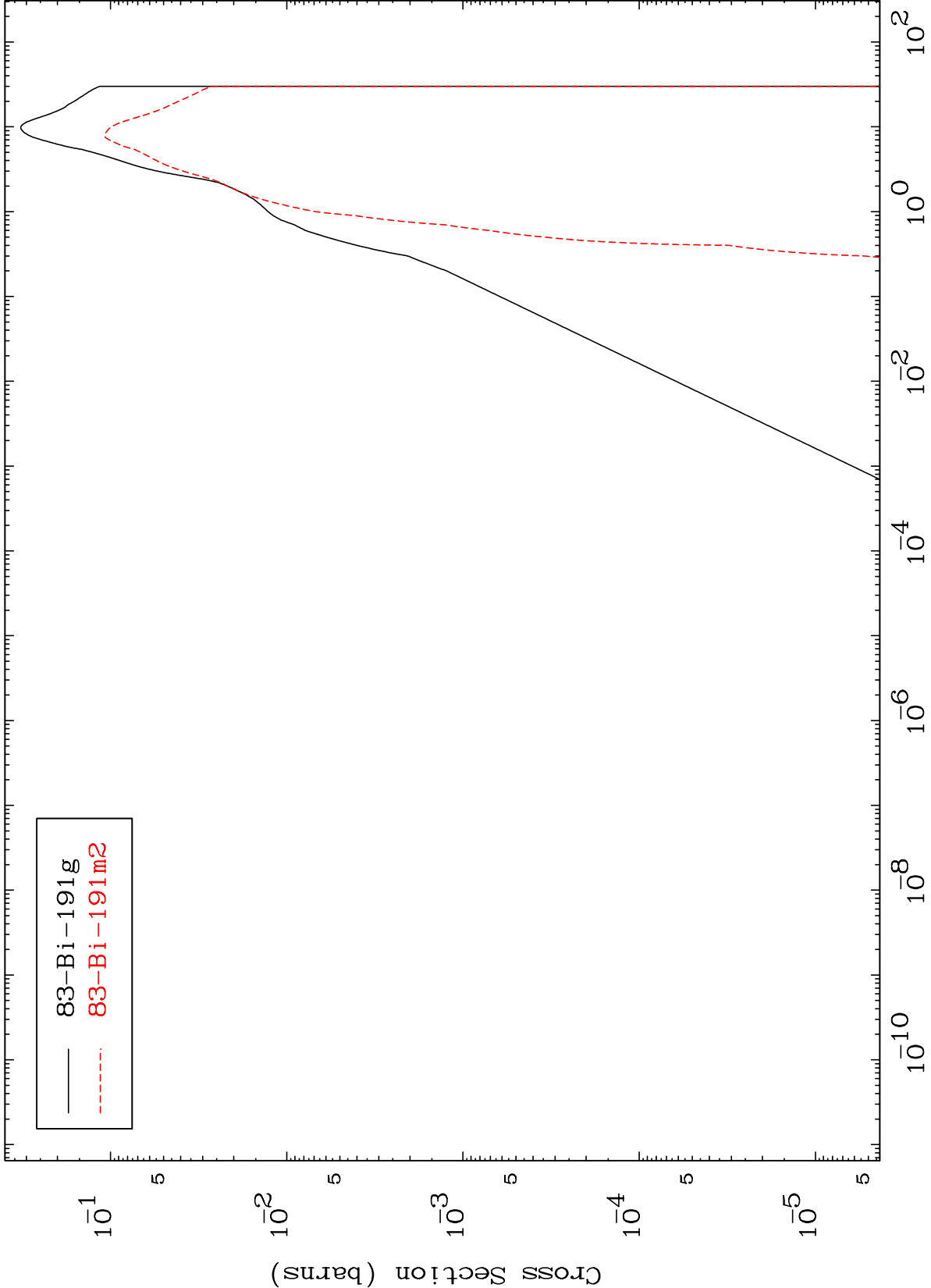
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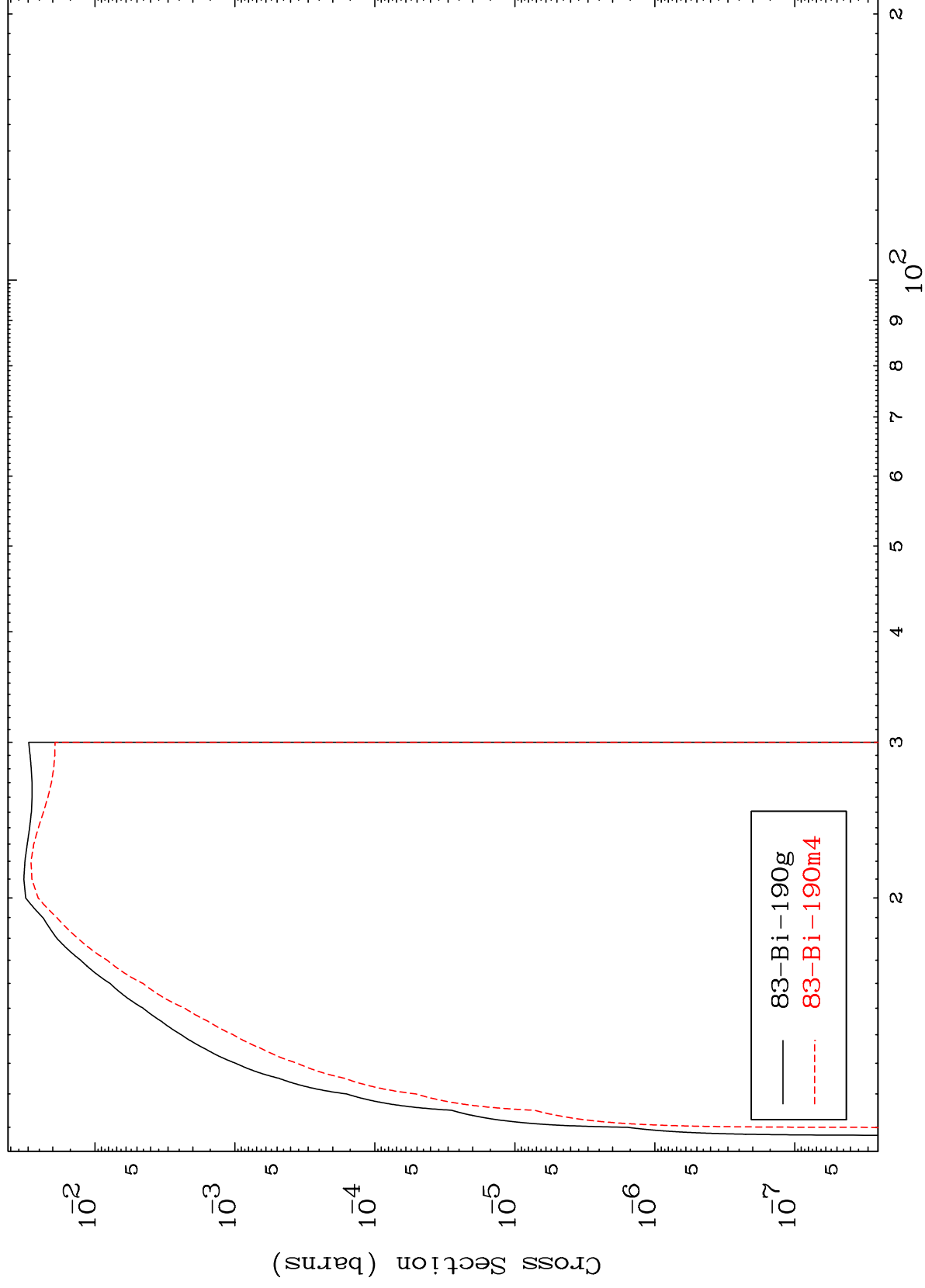


Radionuclide Production Cross Section

Inelastic



(n,2n)
Radionuclide Production Cross Section



Fission
Radionuclide Production Cross Section



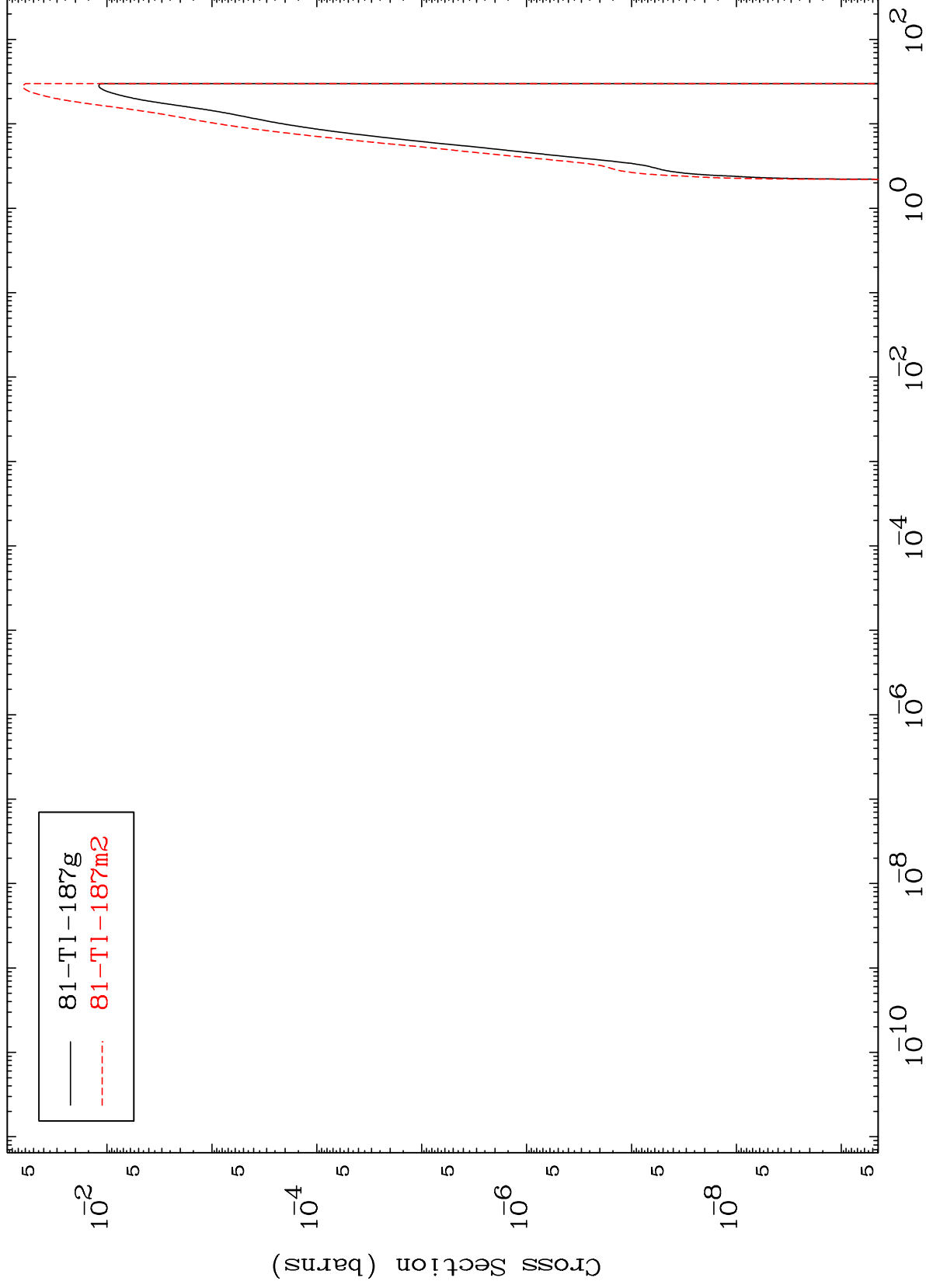
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$(n,n') \alpha$

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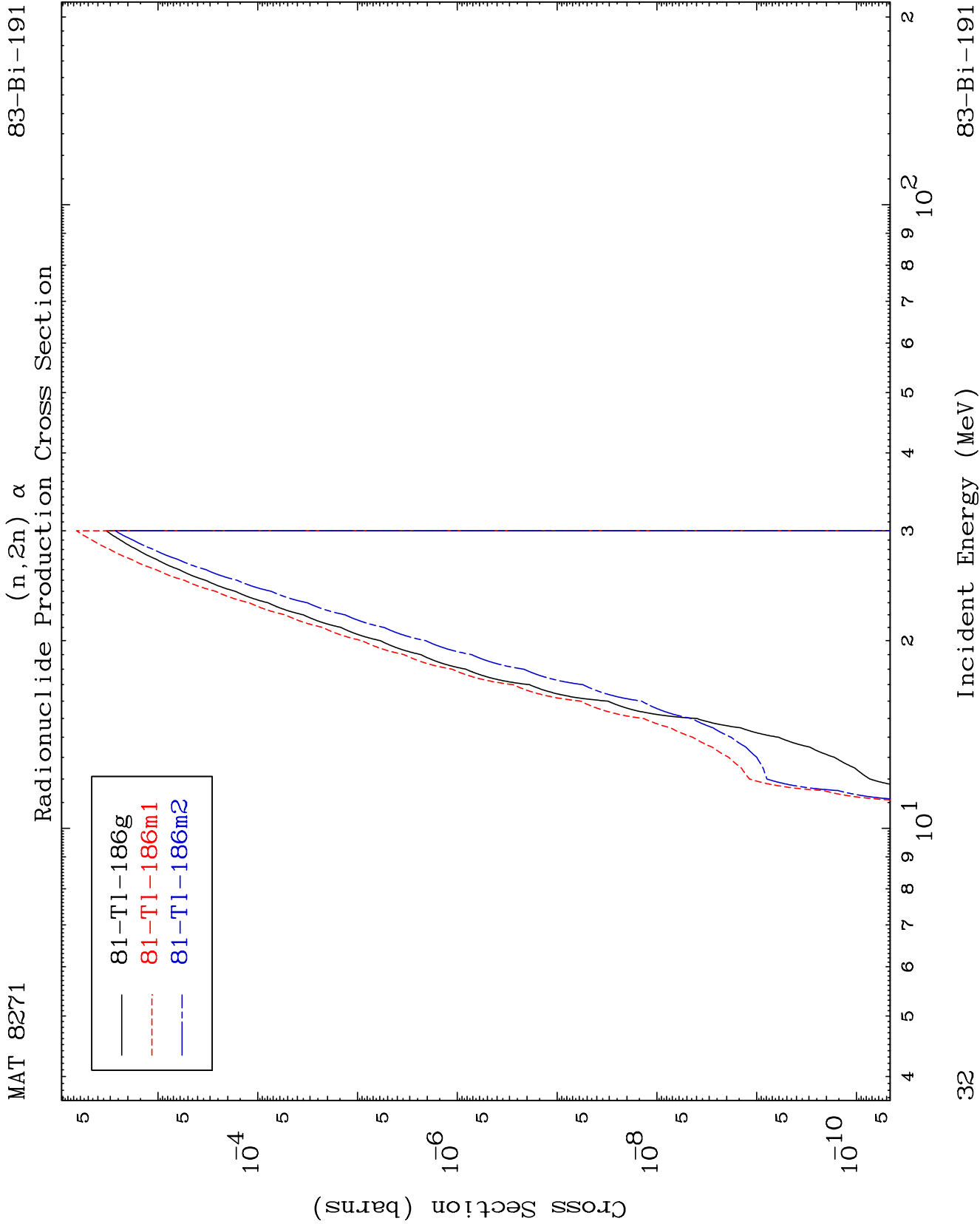
Radionuclide Production Cross Section



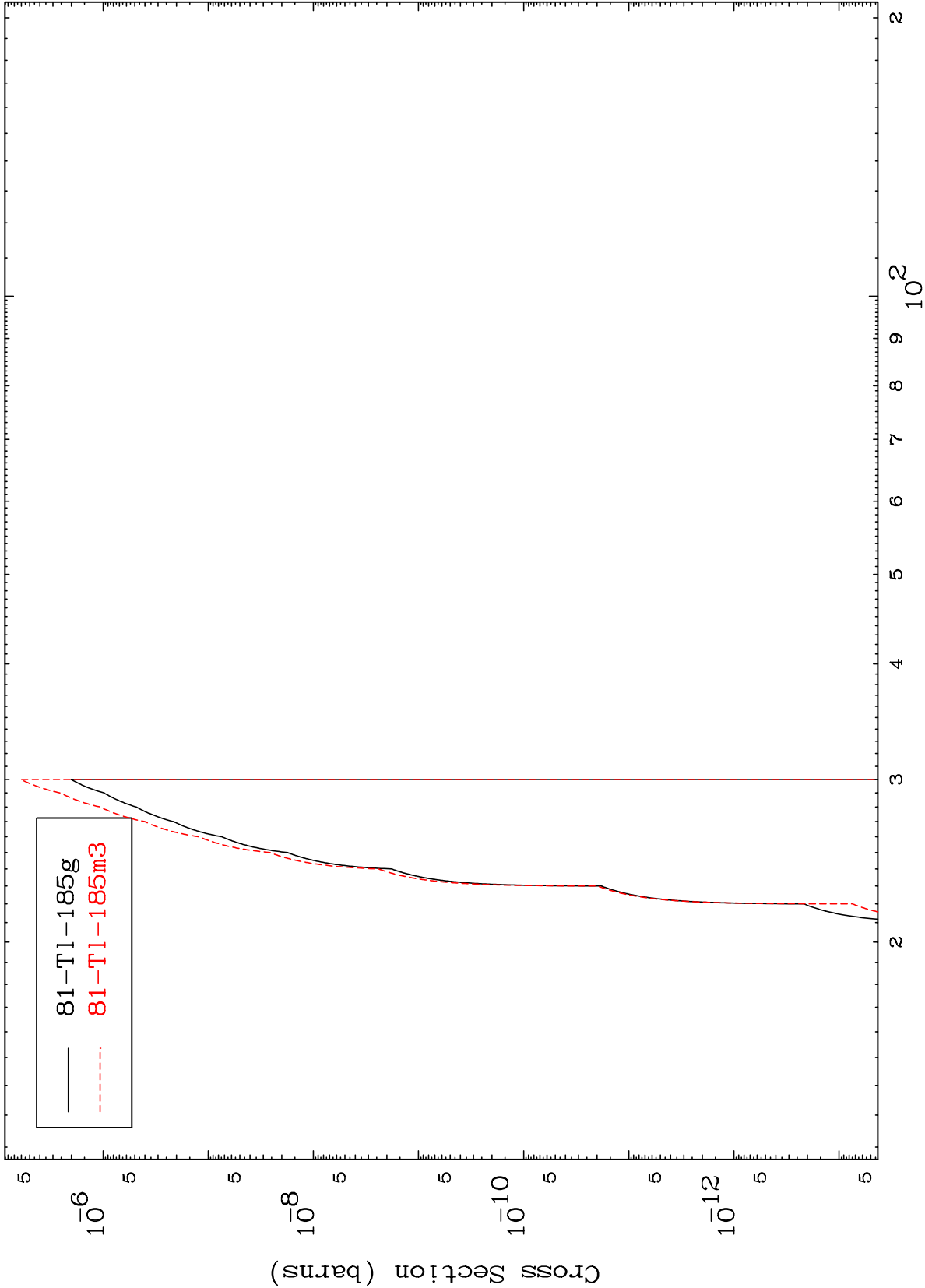
31

Incident Energy (MeV)

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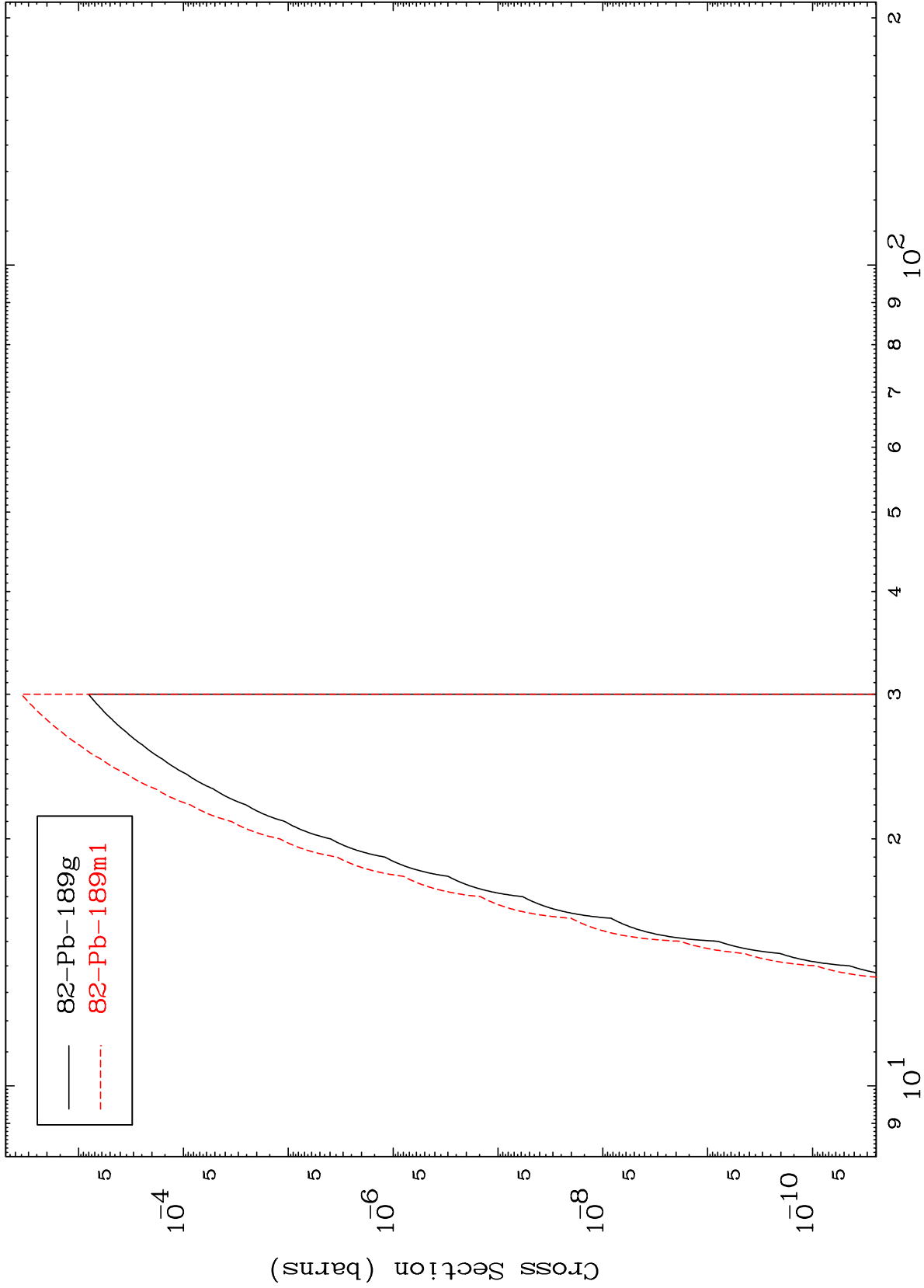
Radionuclide Production Cross Section
(n,3n) α



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(n,n') d
Radionuclide Production Cross Section



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Incident Energy (MeV)

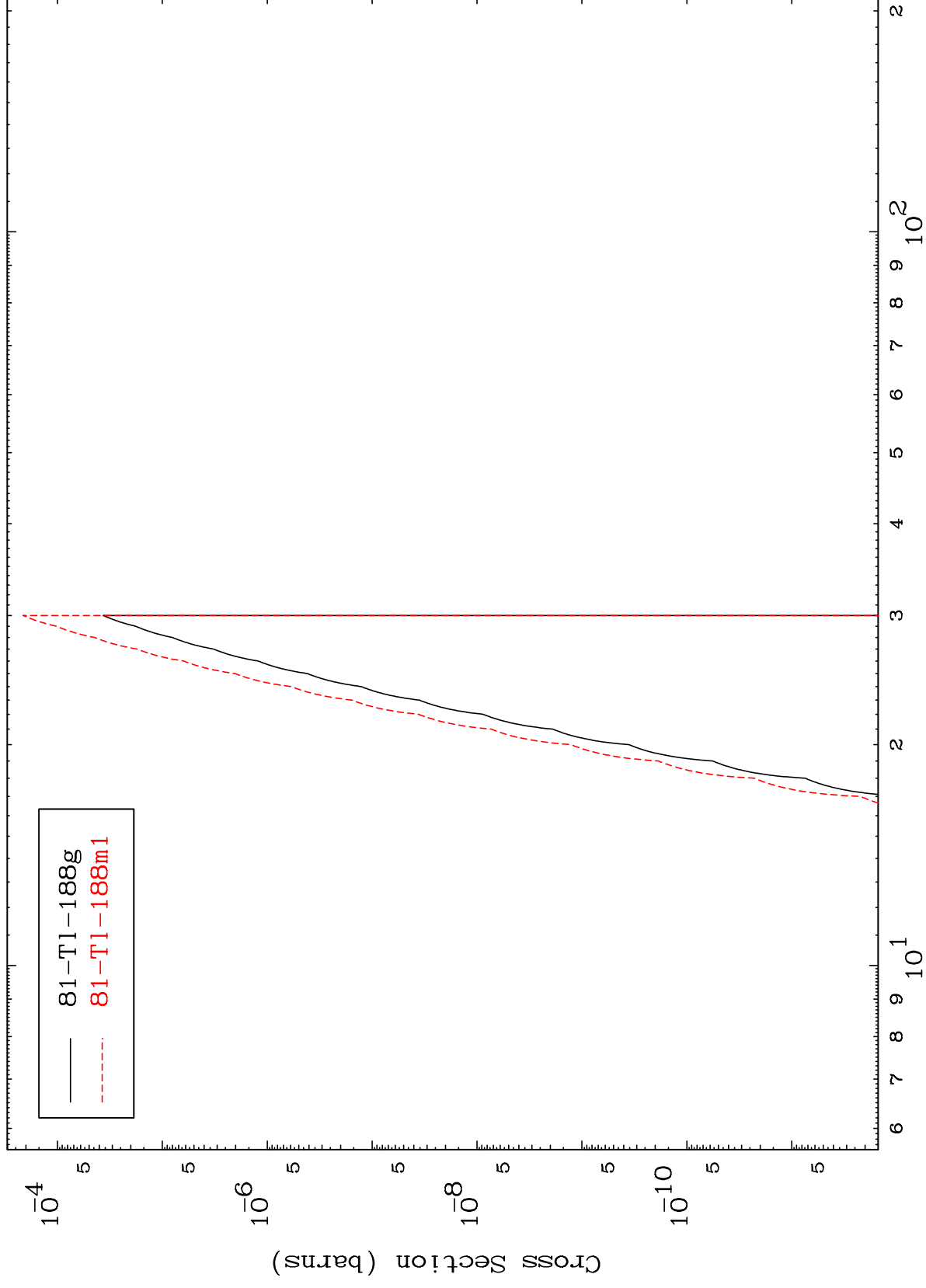
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(n,n') He-3

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Radionuclide Production Cross Section

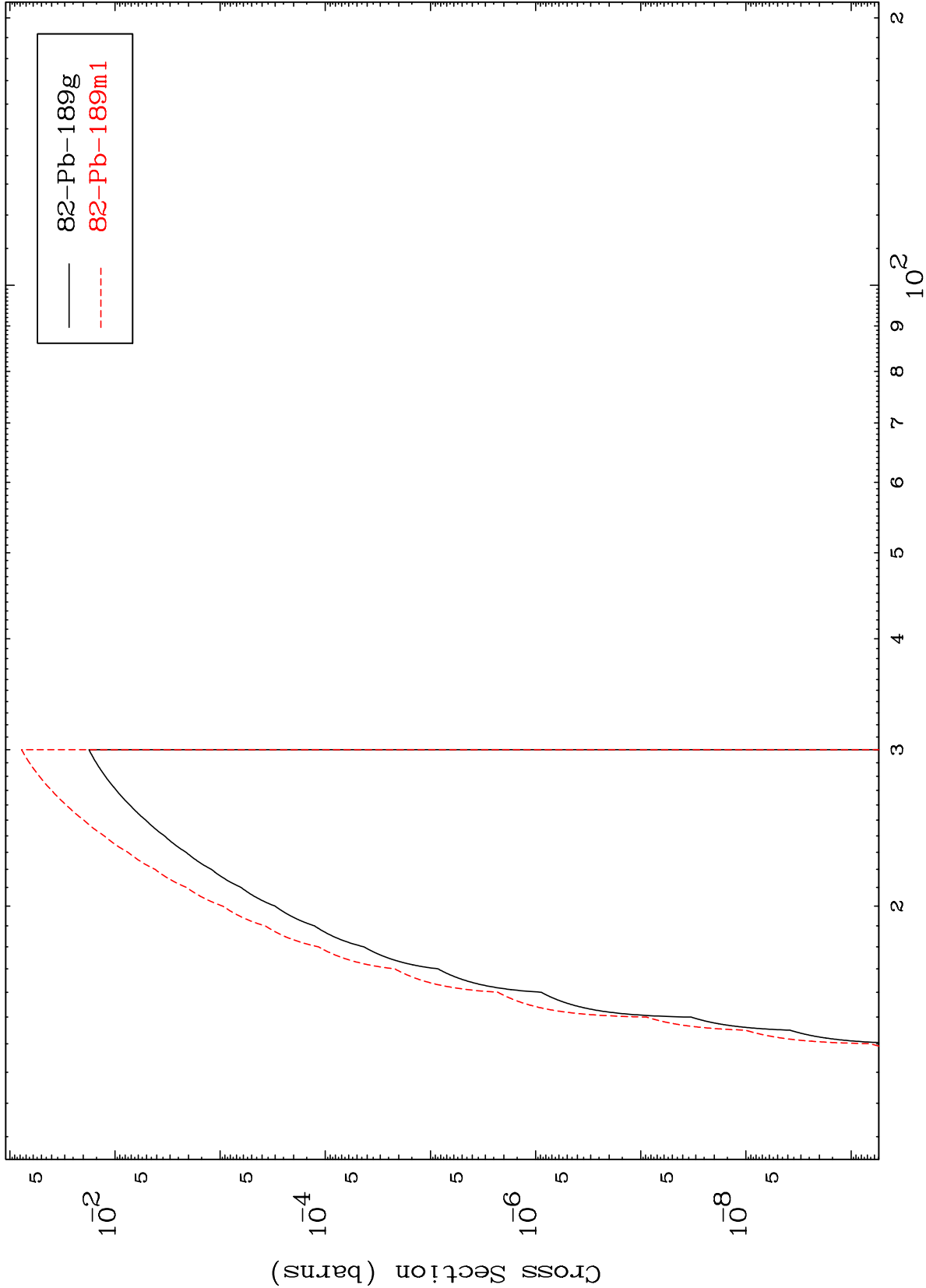


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Incident Energy (MeV)

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(n,2n) p
Radionuclide Production Cross Section

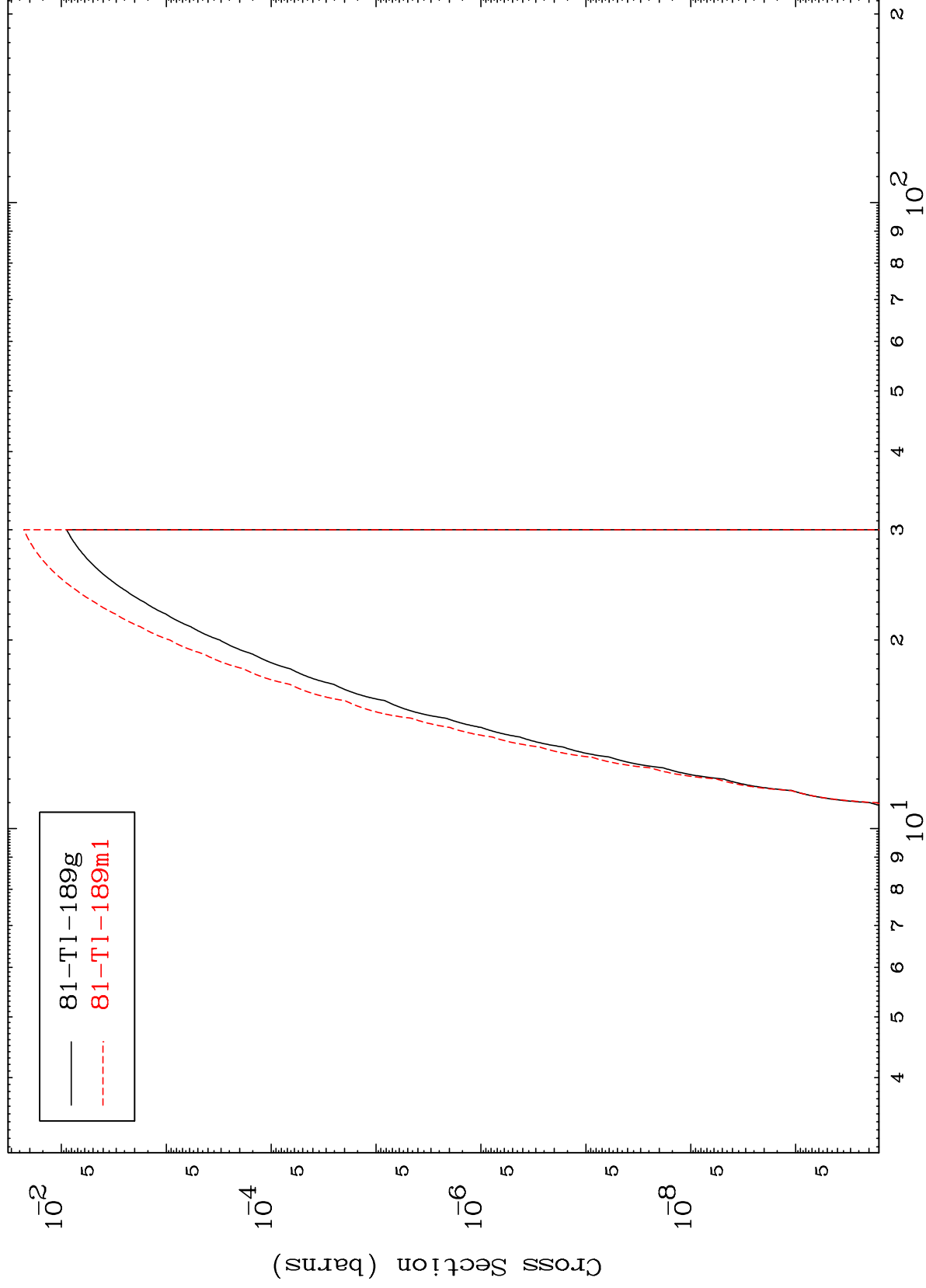


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83-Bi-191

(n,2n) p

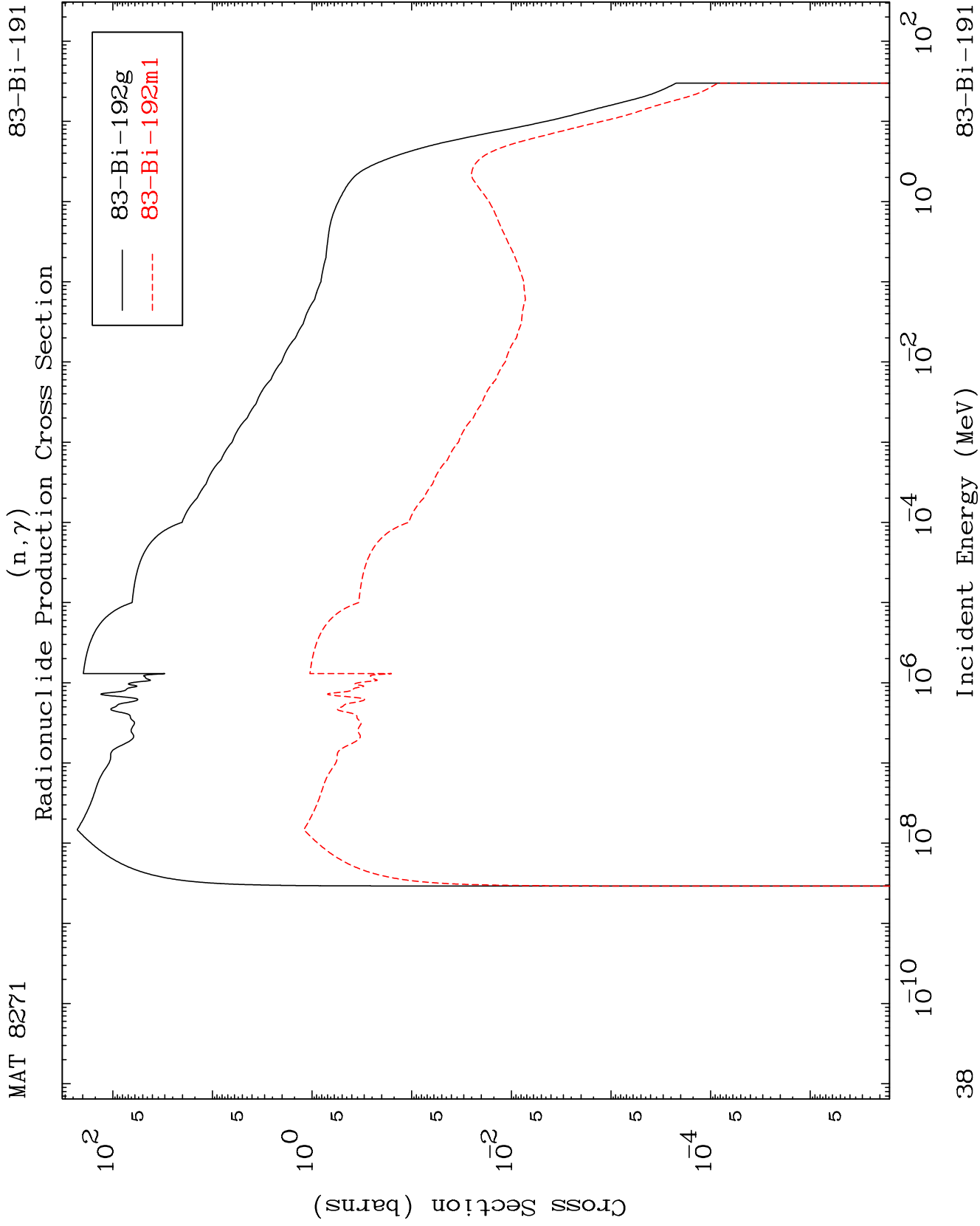
Radionuclide Production Cross Section



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Incident Energy (MeV)

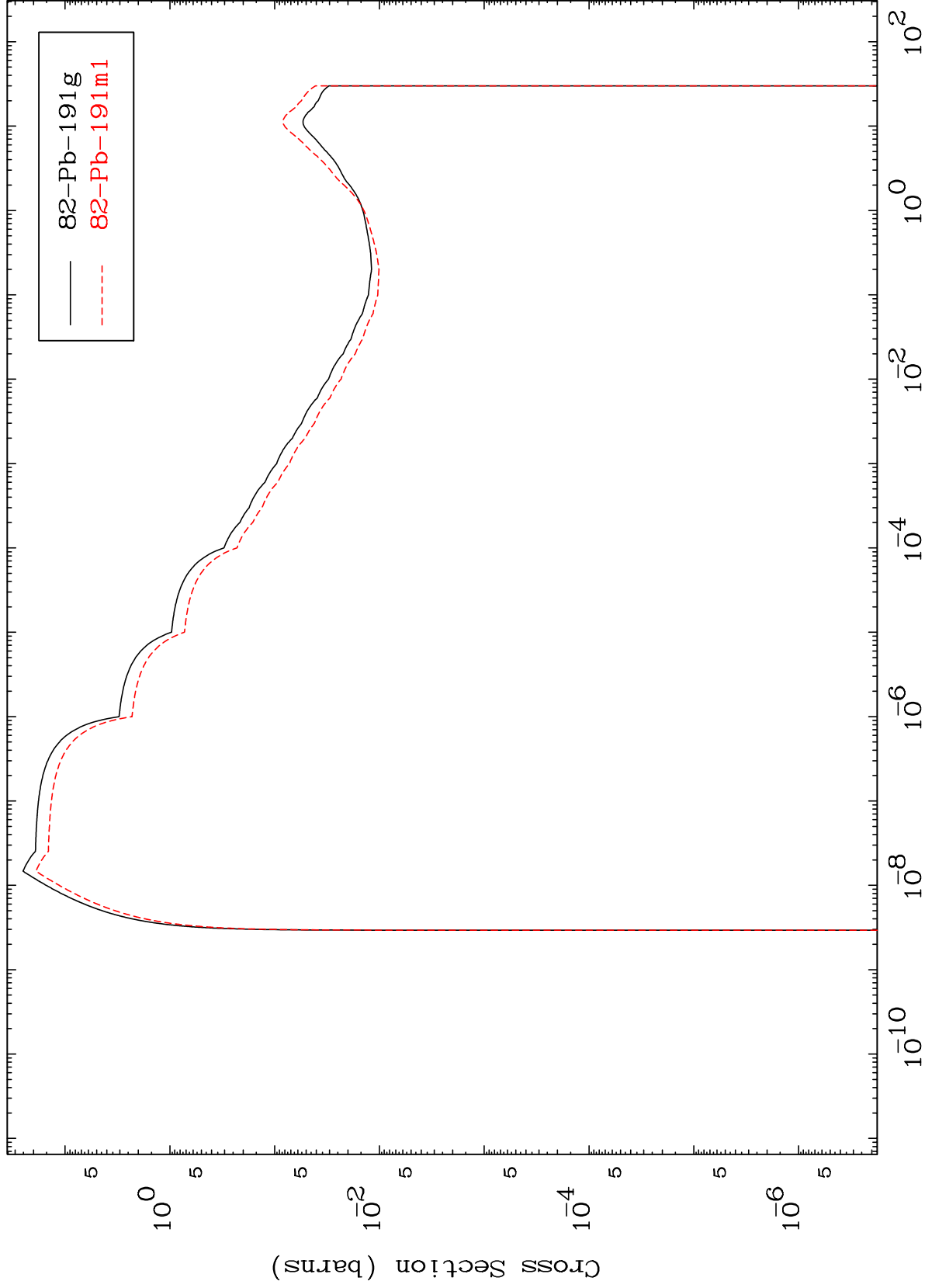
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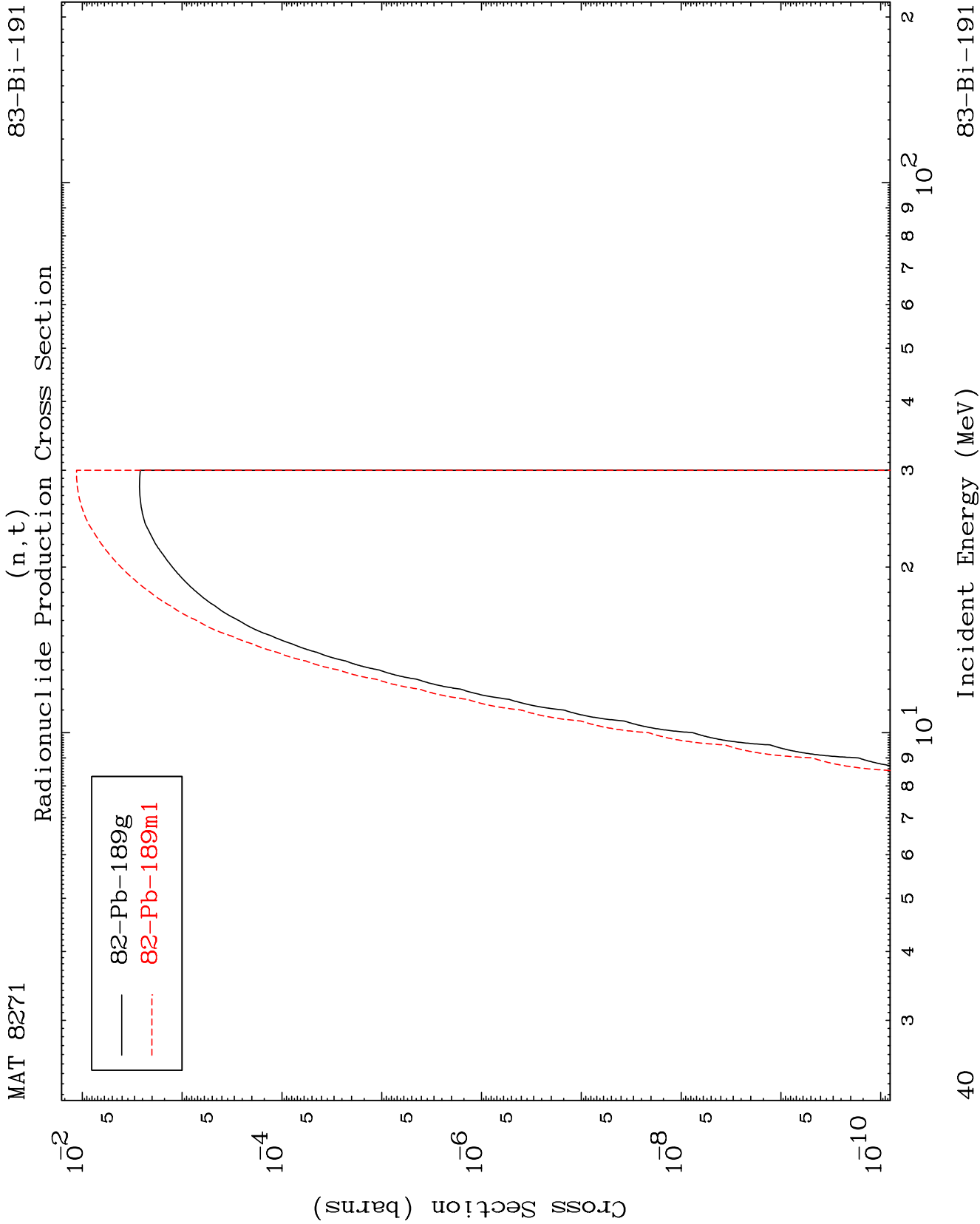
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(n,p)
Radionuclide Production Cross Section

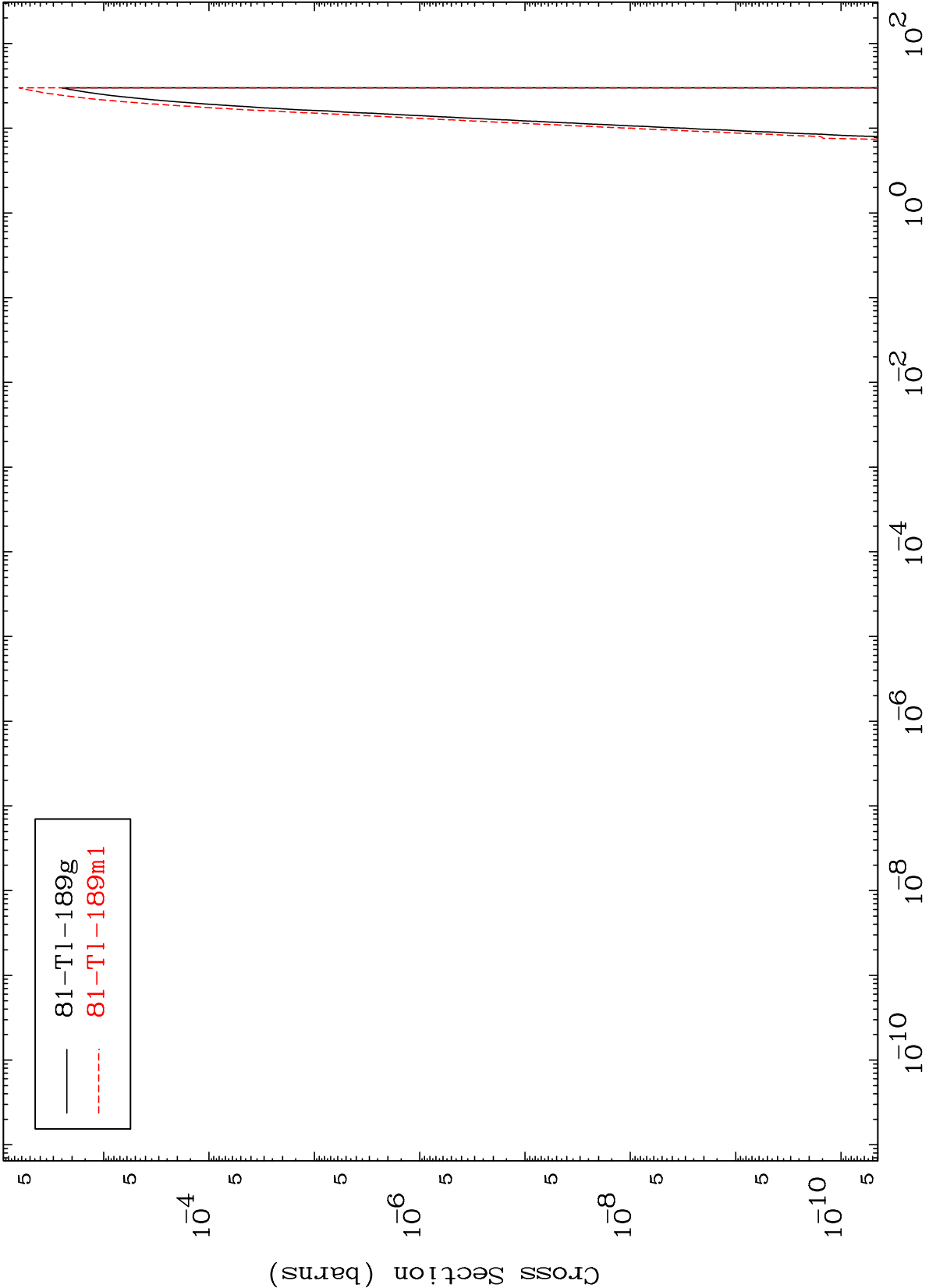


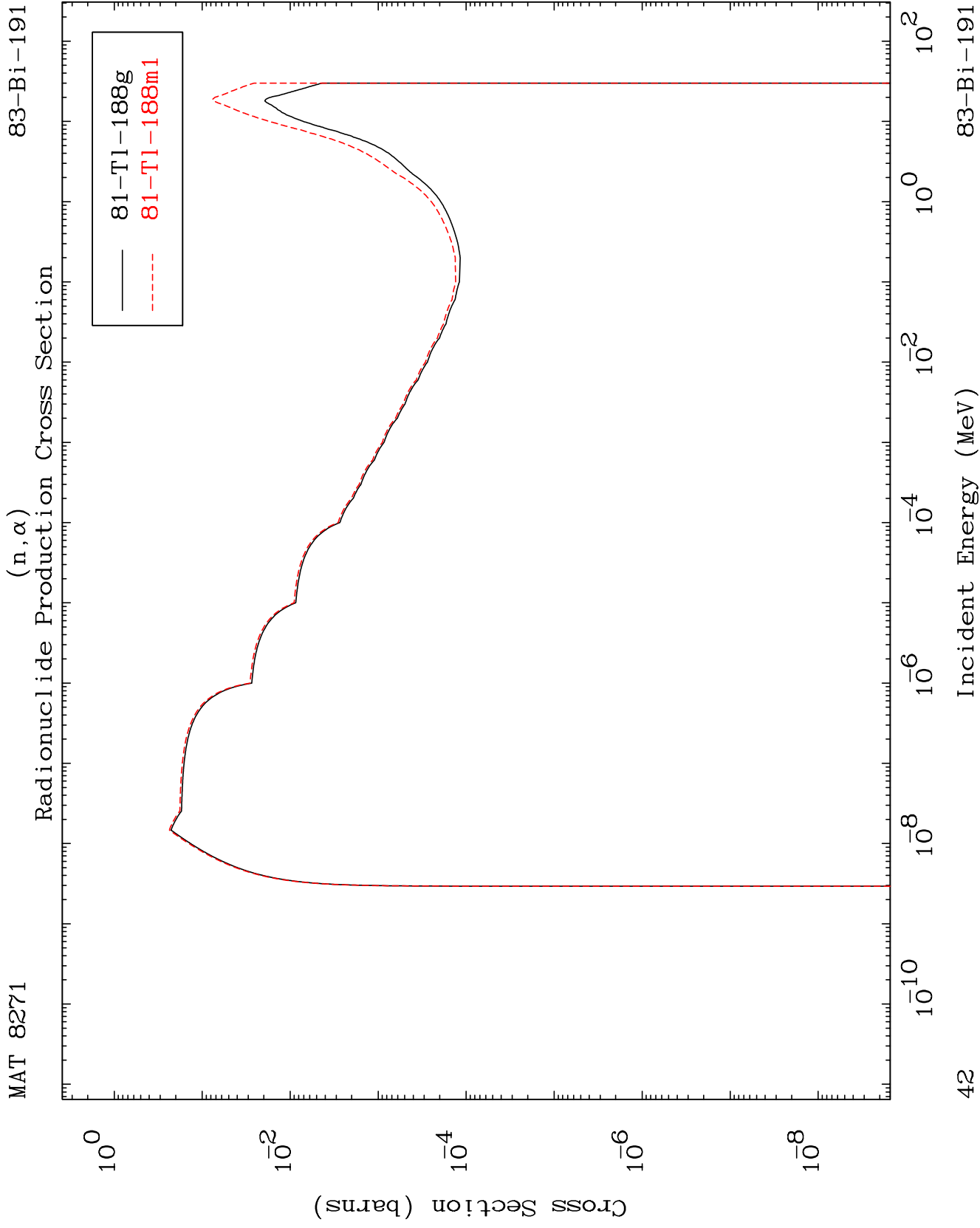
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Radionuclide Production Cross Section

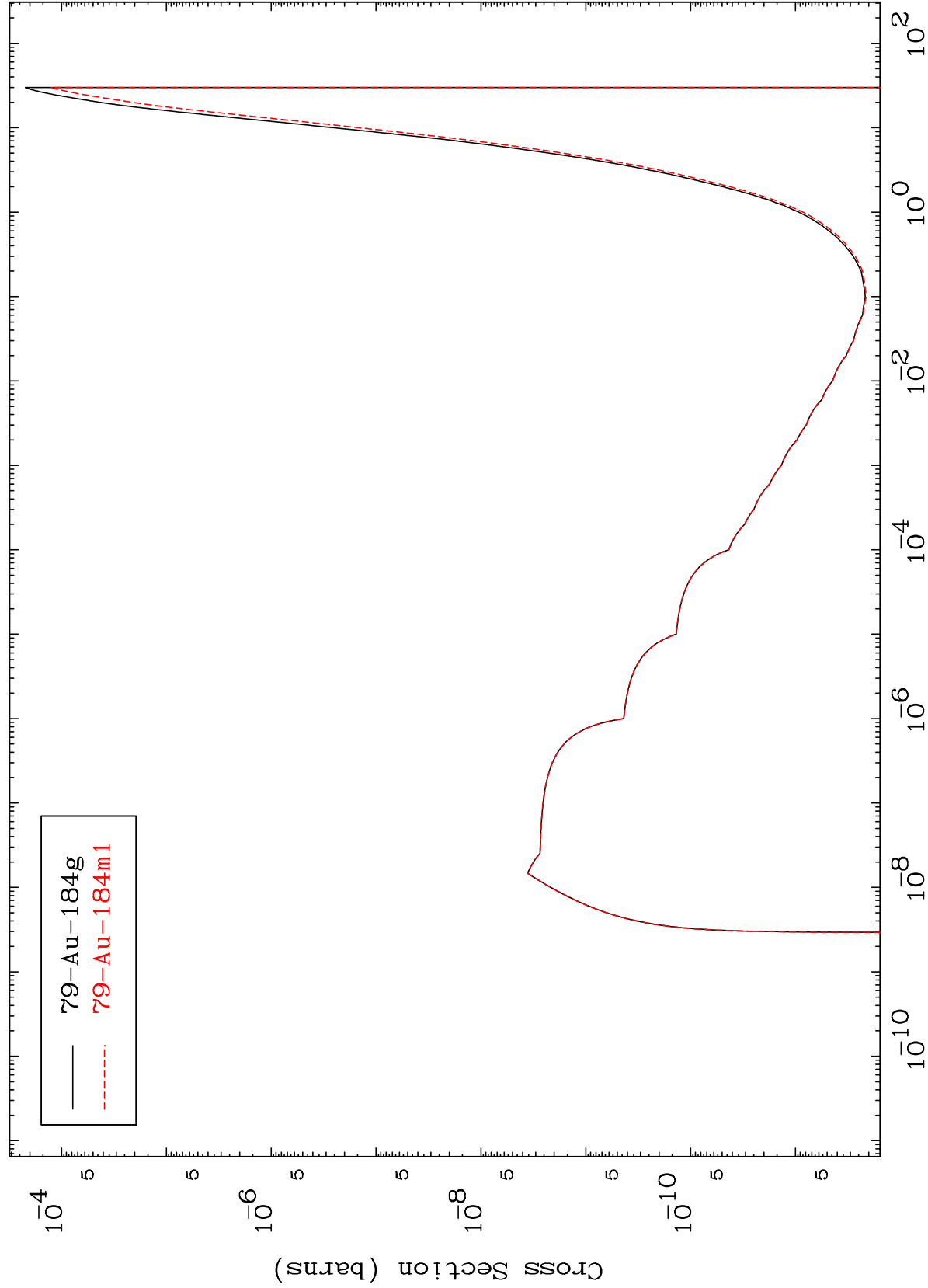




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Radionuclide Production Cross Section
(n,2 α)



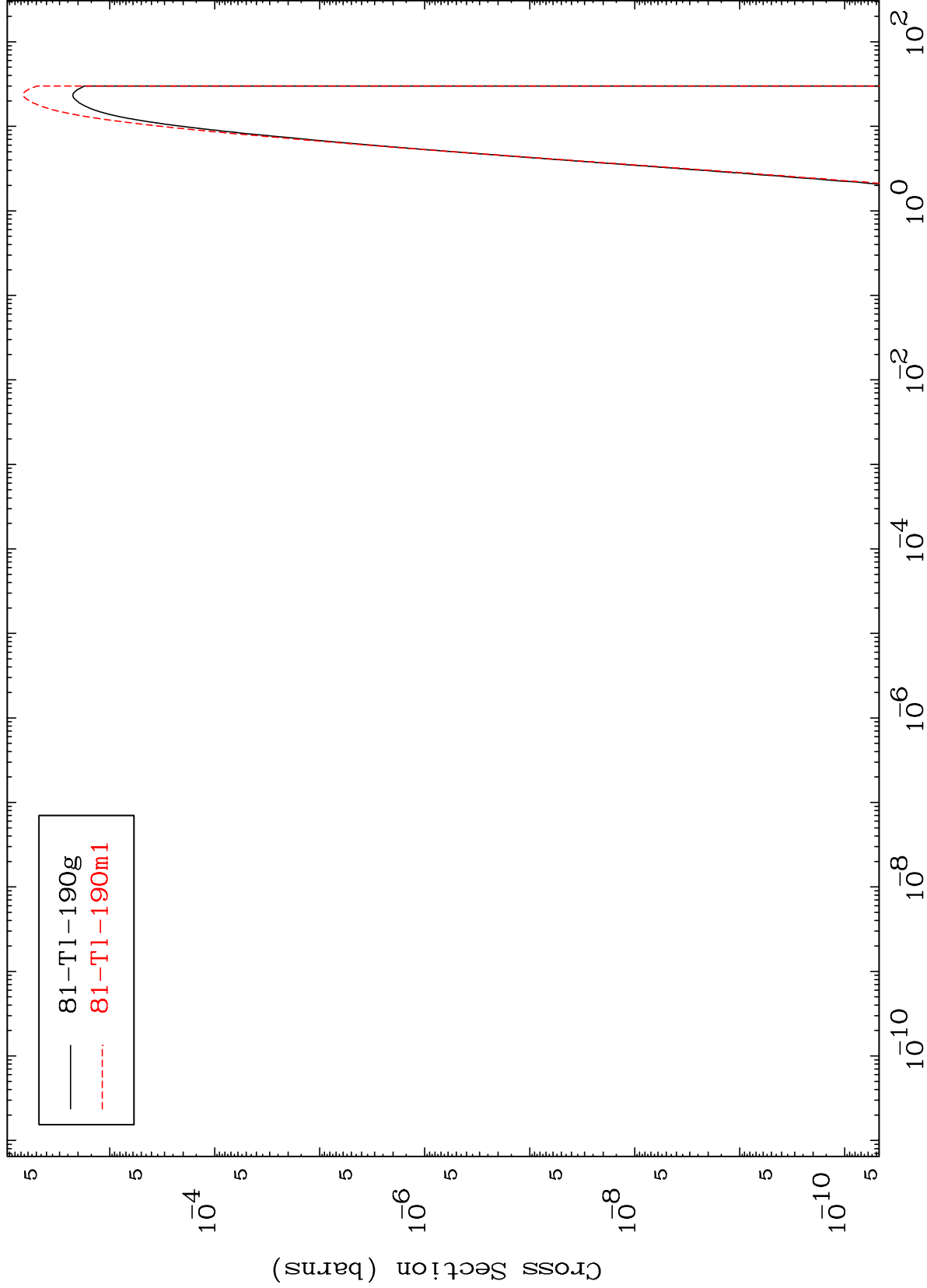
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(n,2p)
Radionuclide Production Cross Section



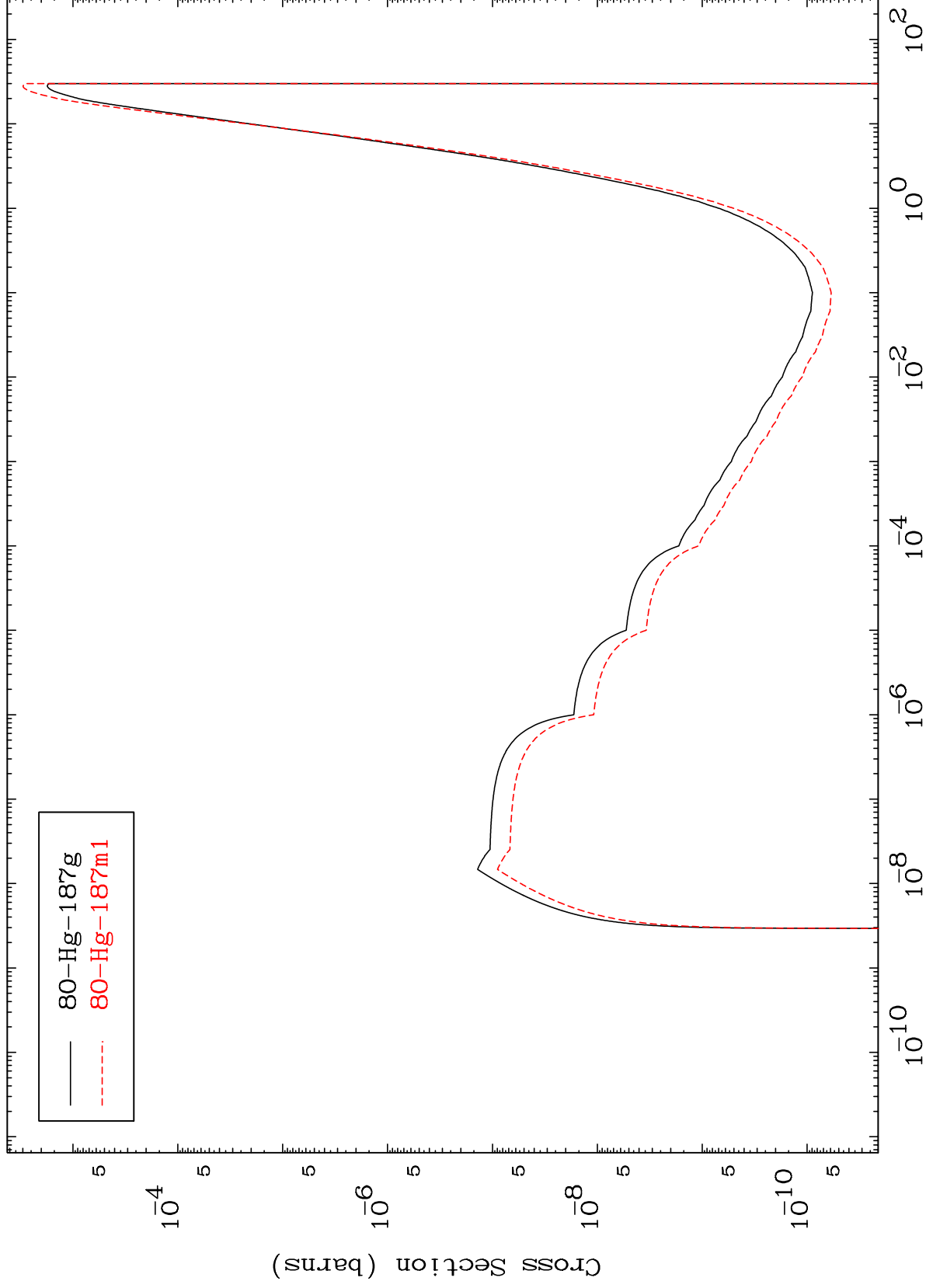
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Incident Energy (MeV)

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(n,p) α
Radionuclide Production Cross Section



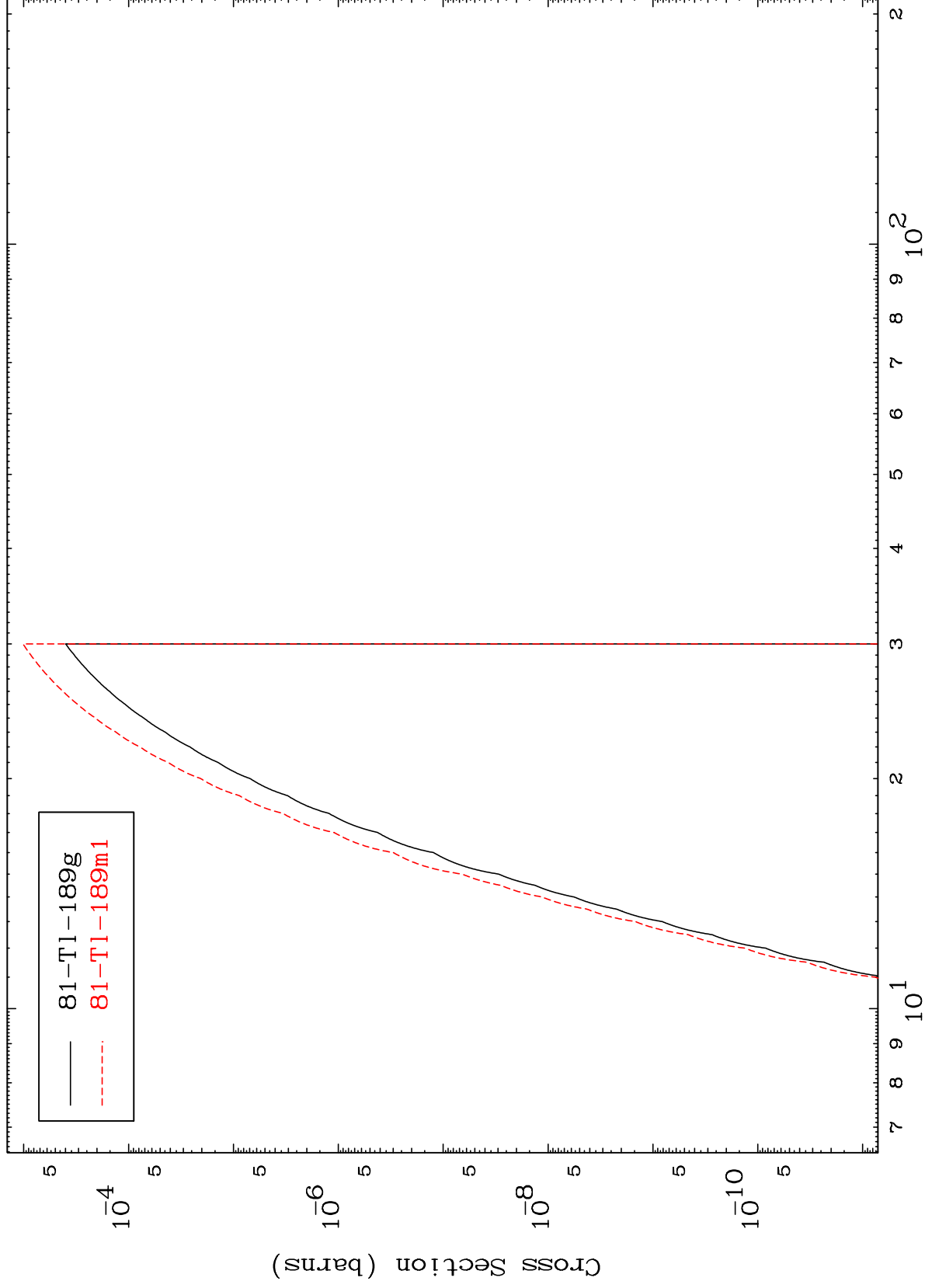
45

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(n,p) d
Radionuclide Production Cross Section



46

Incident Energy (MeV)

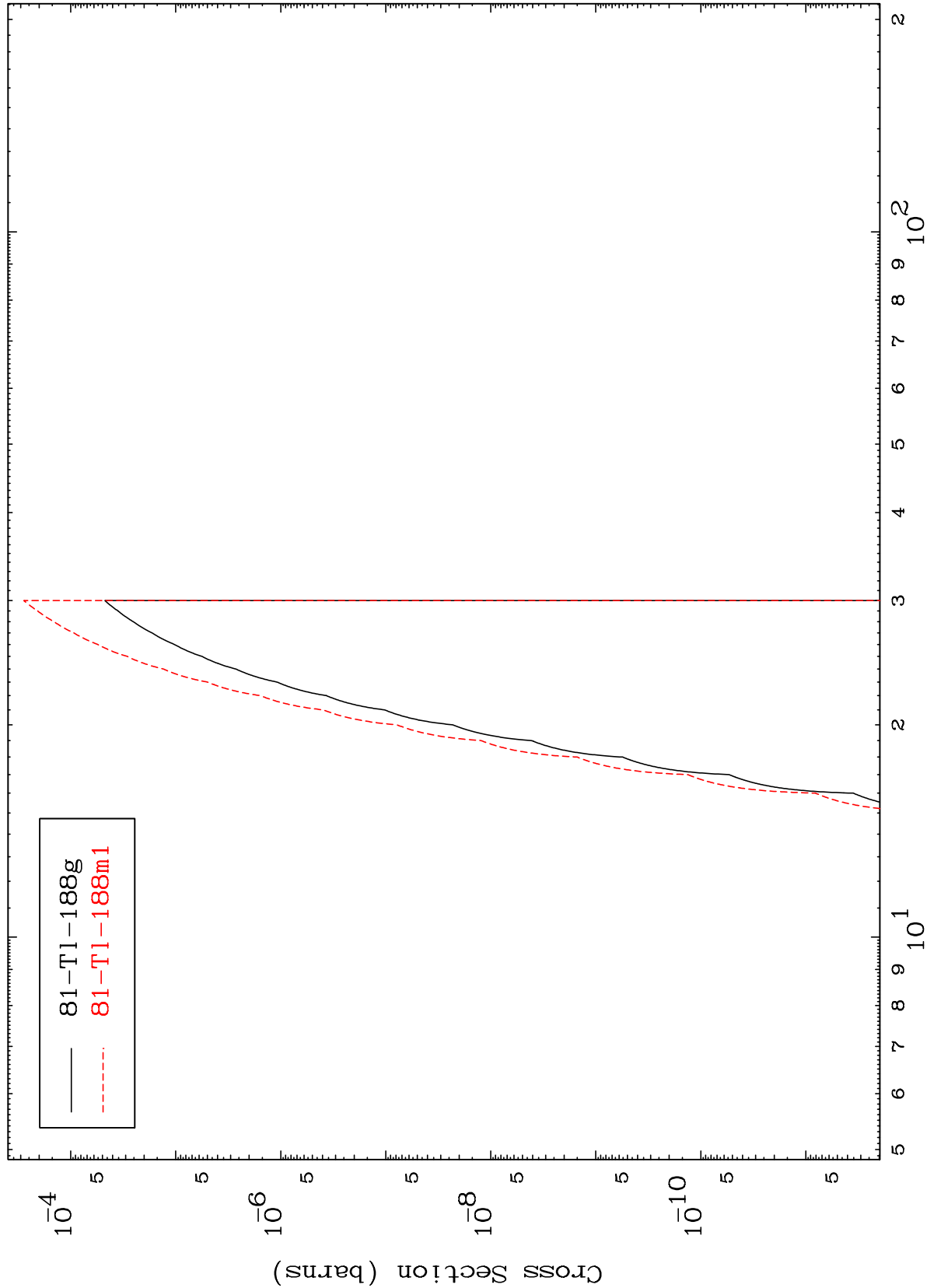
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(n,p) t

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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