

Program EVALPLOT
(Version 2017-1)

by

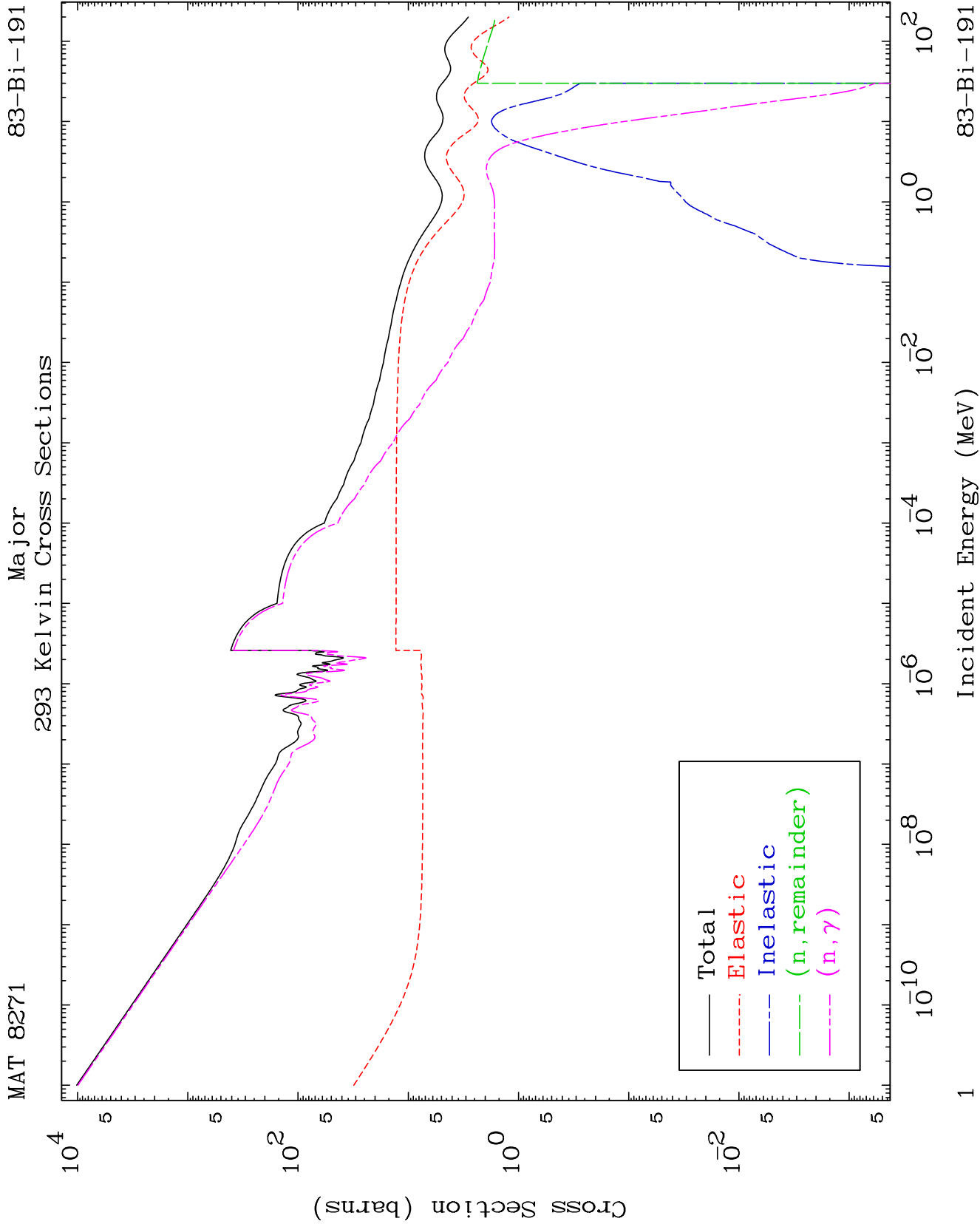
Dermott E. Cullen
(Present Contact Information)

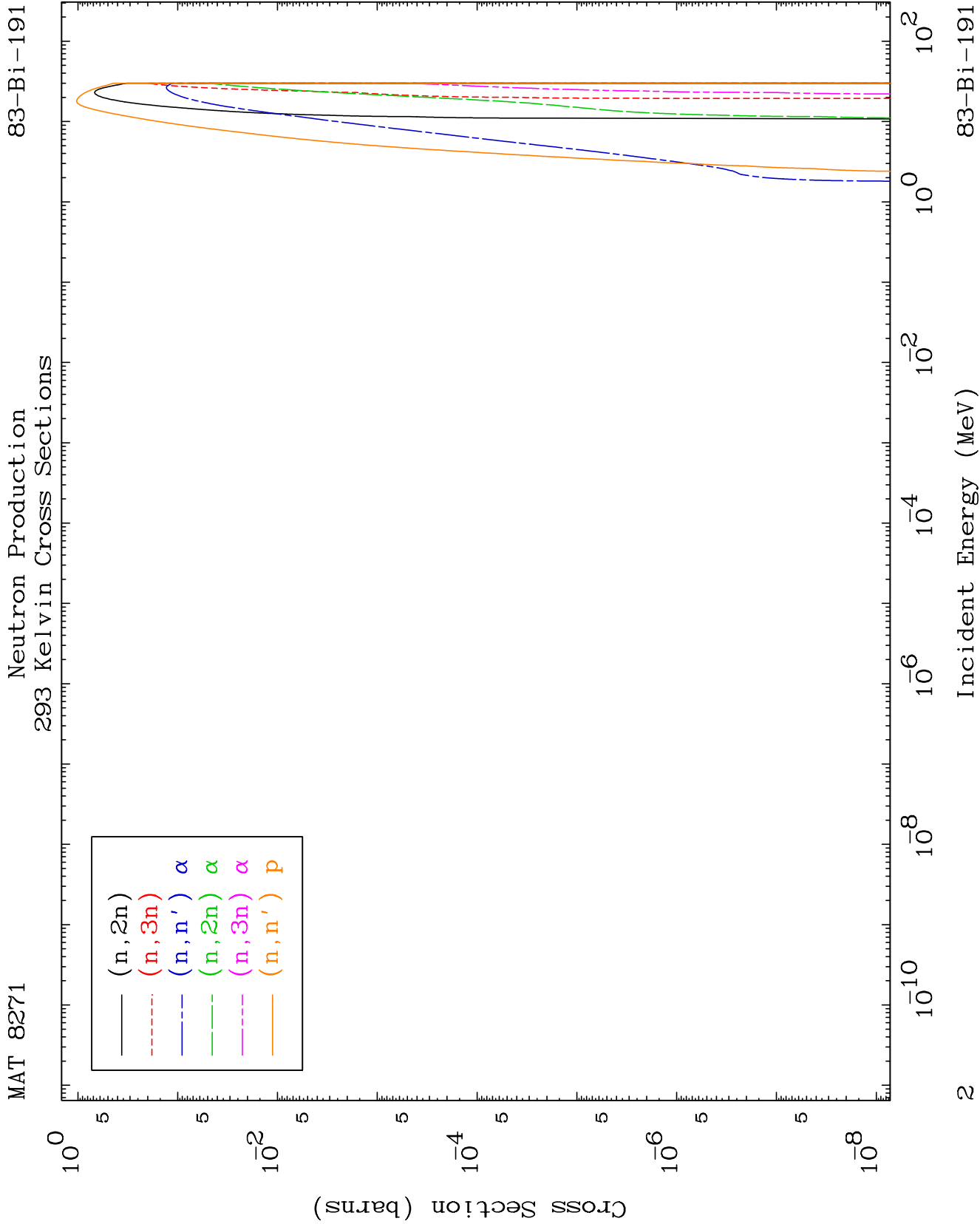
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

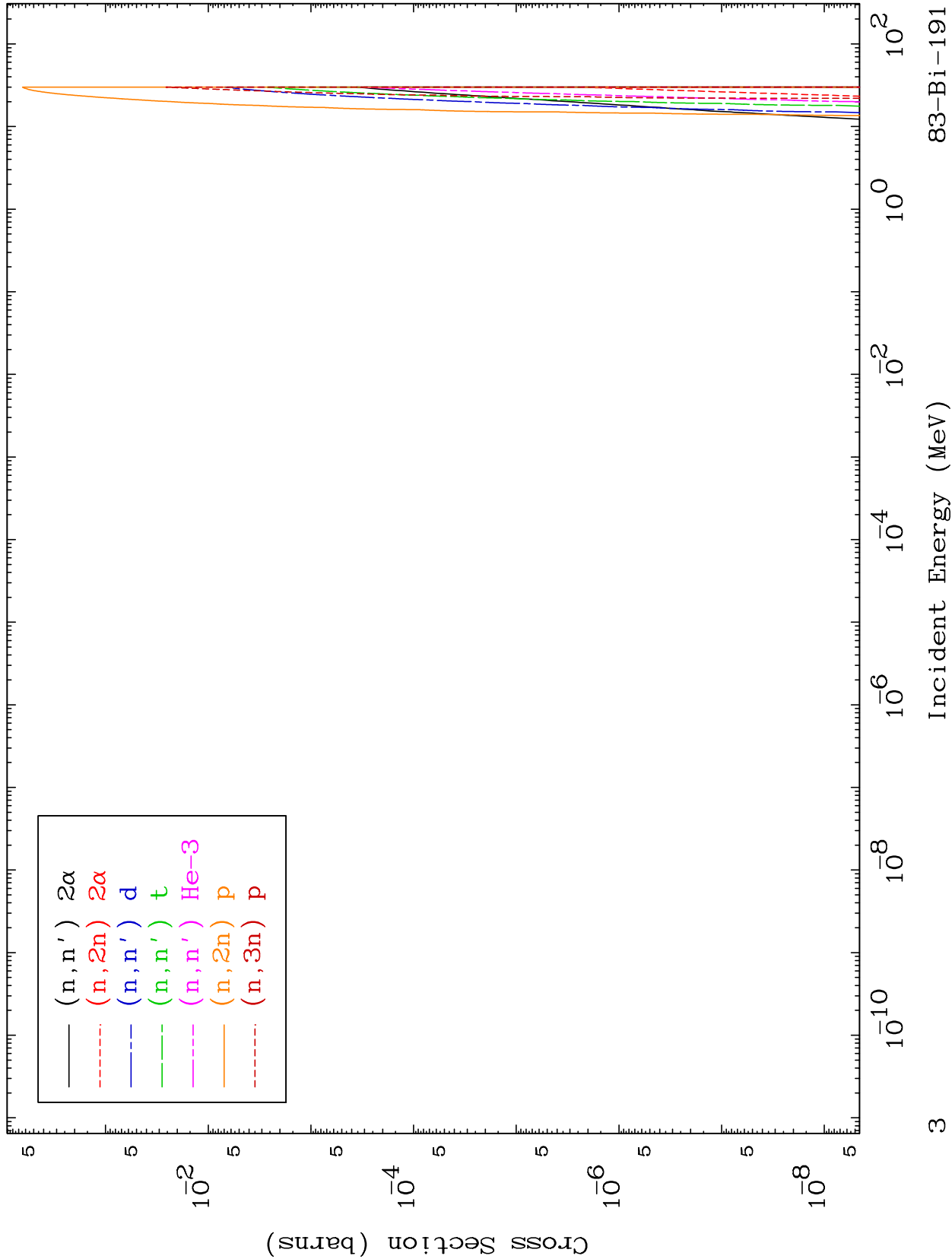
Tele: 925-443-1911

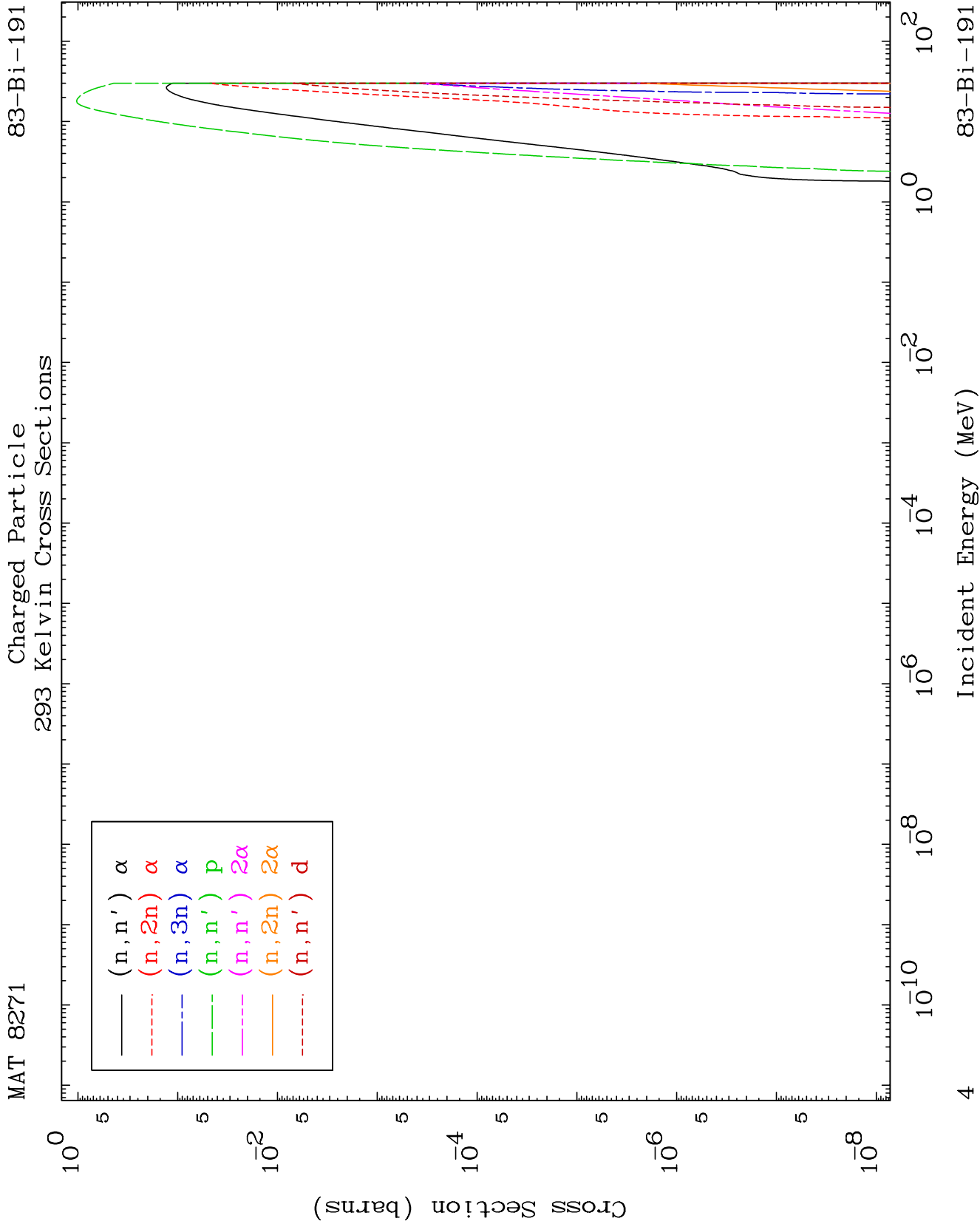
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





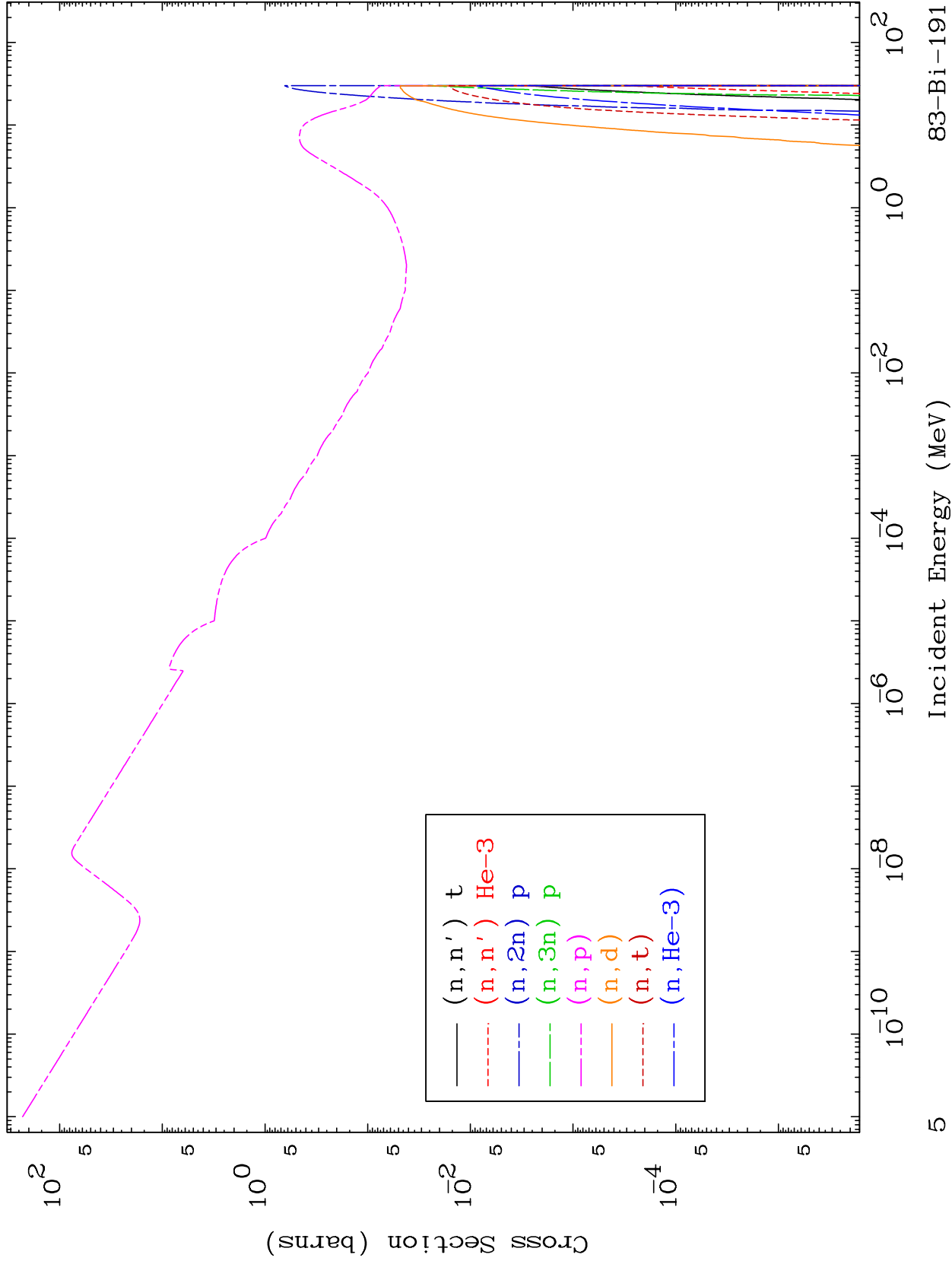


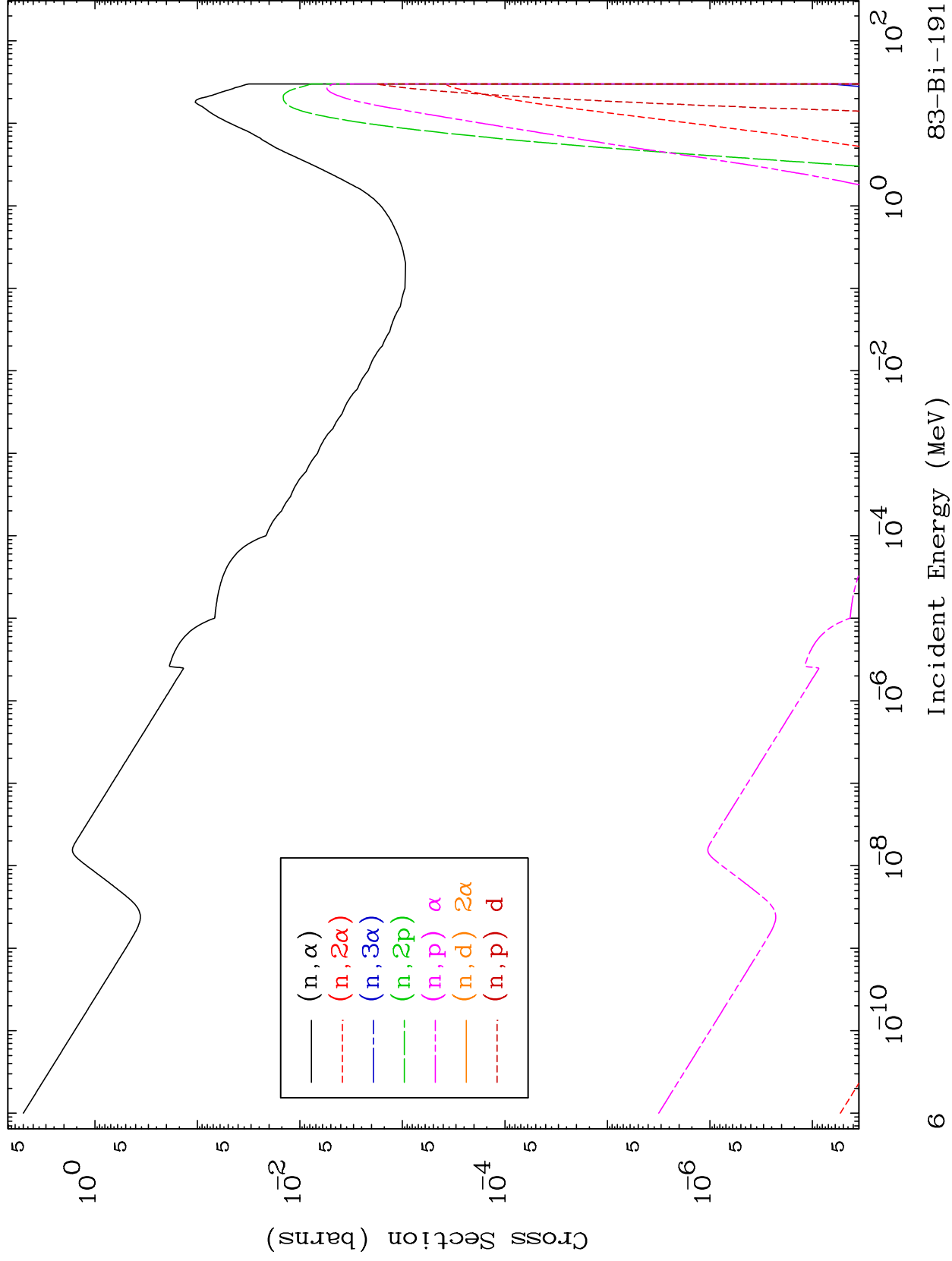


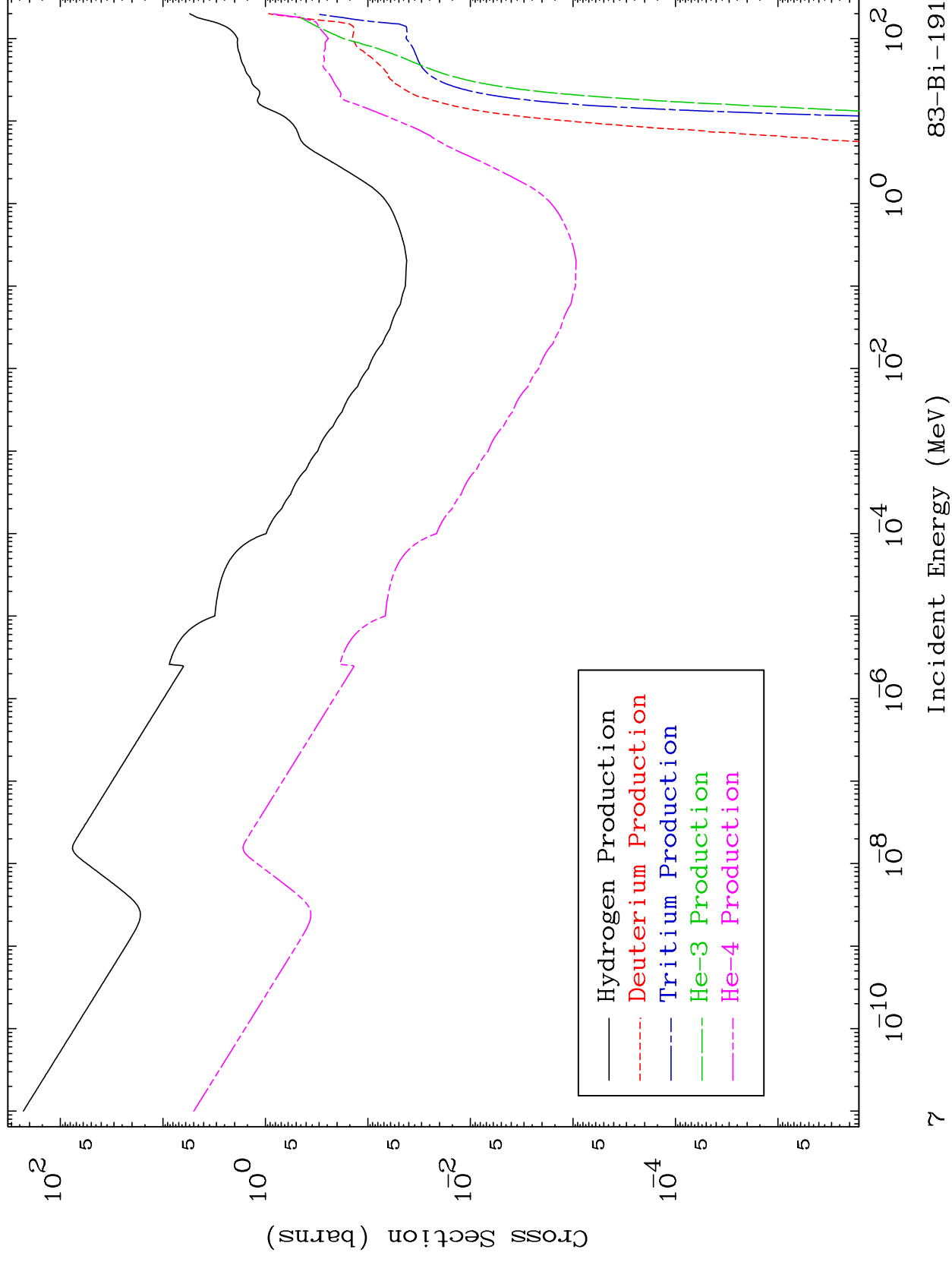
MAT 8271

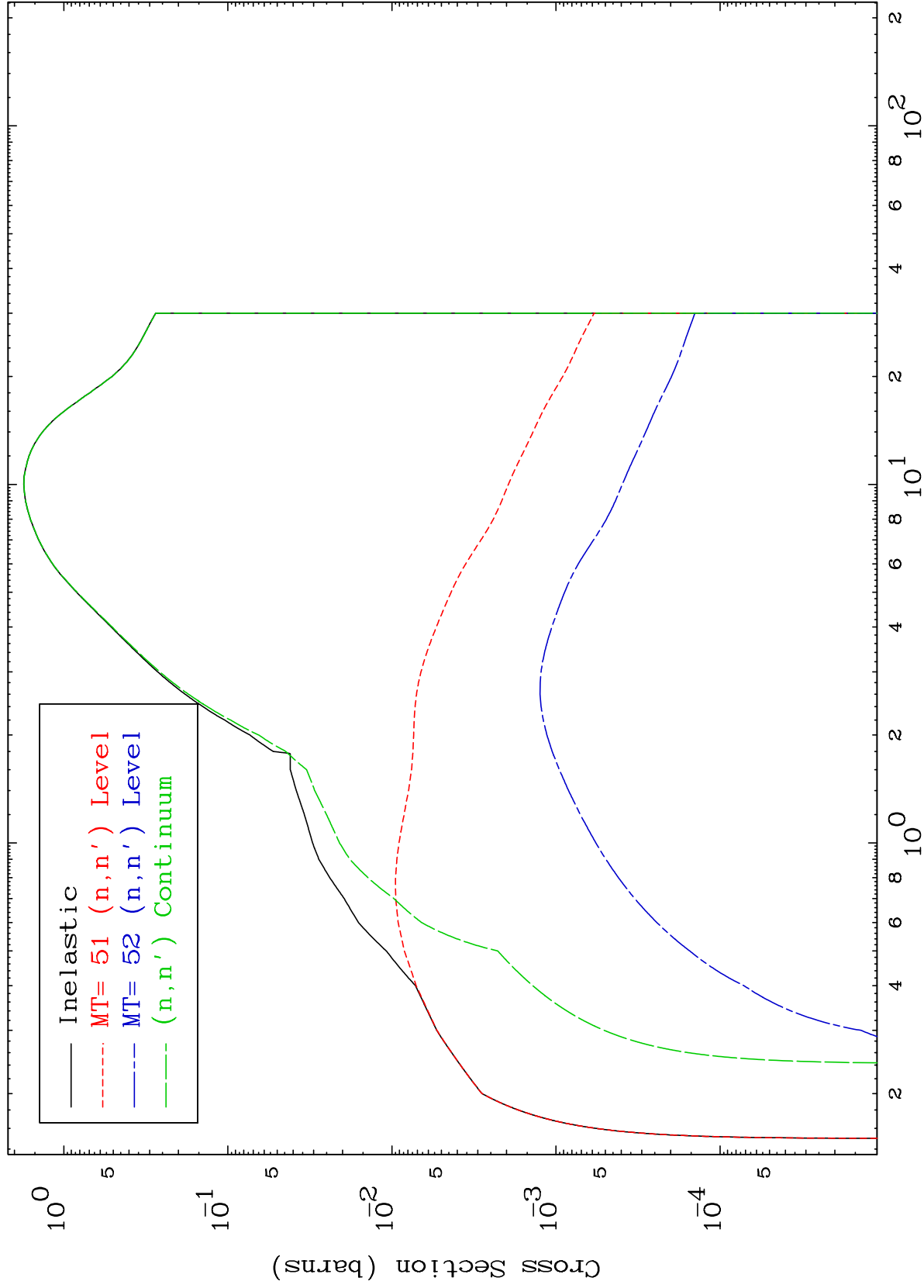
Charged Particle
293 Kelvin Cross Sections

83-Bi-191





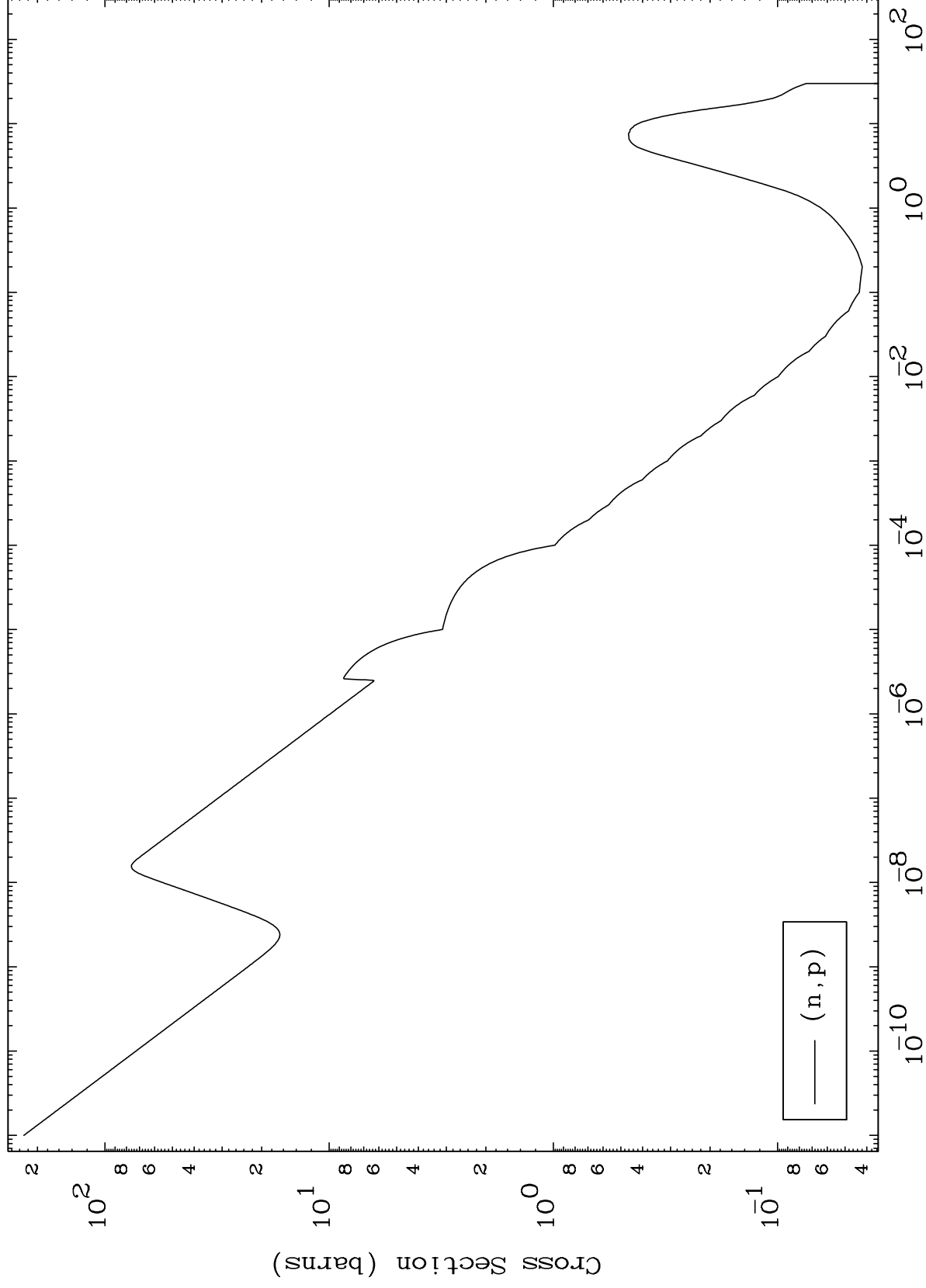


(n,n') Level
293 Kelvin Cross Sections

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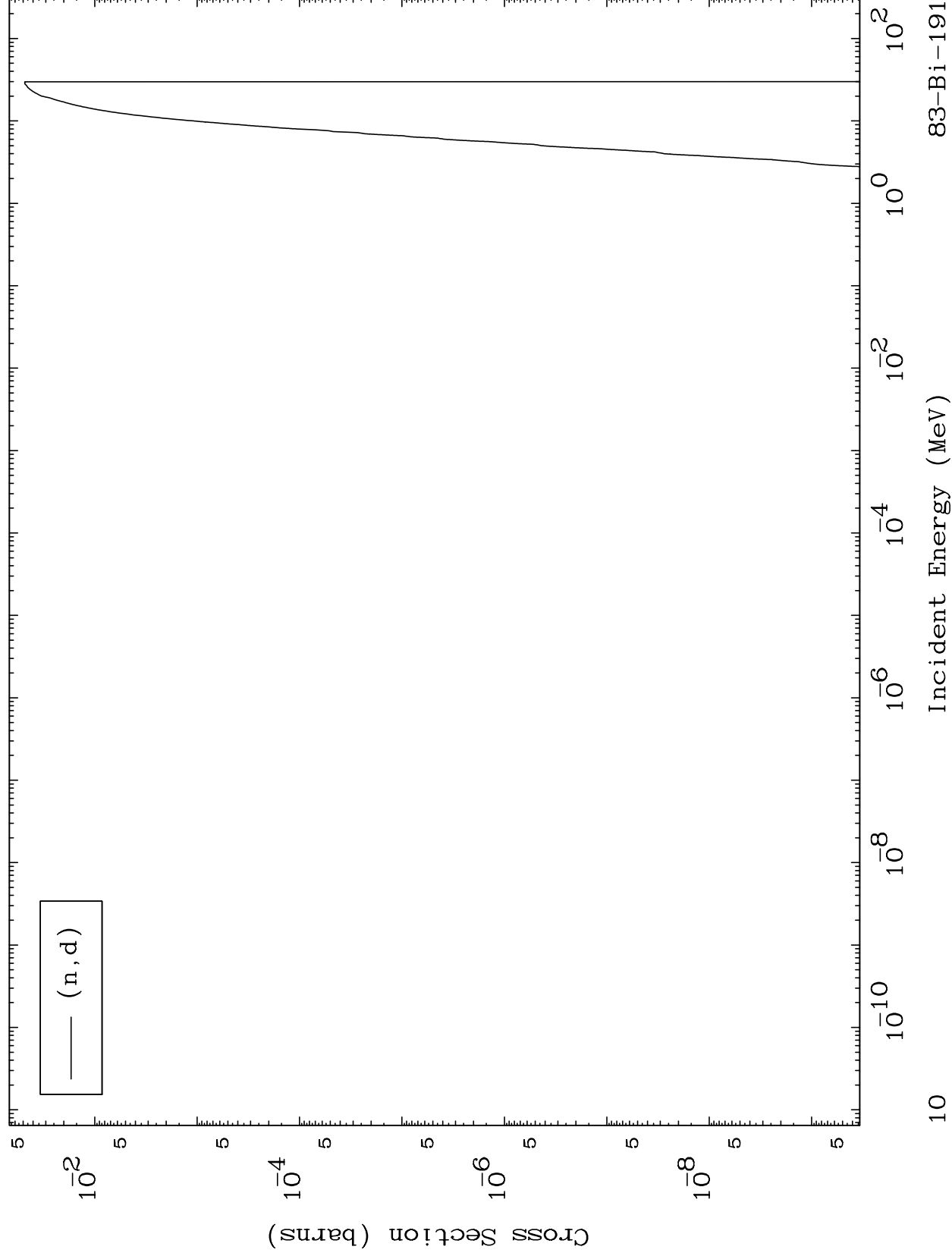
(n,p) Levels
293 Kelvin Cross Sections



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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-191

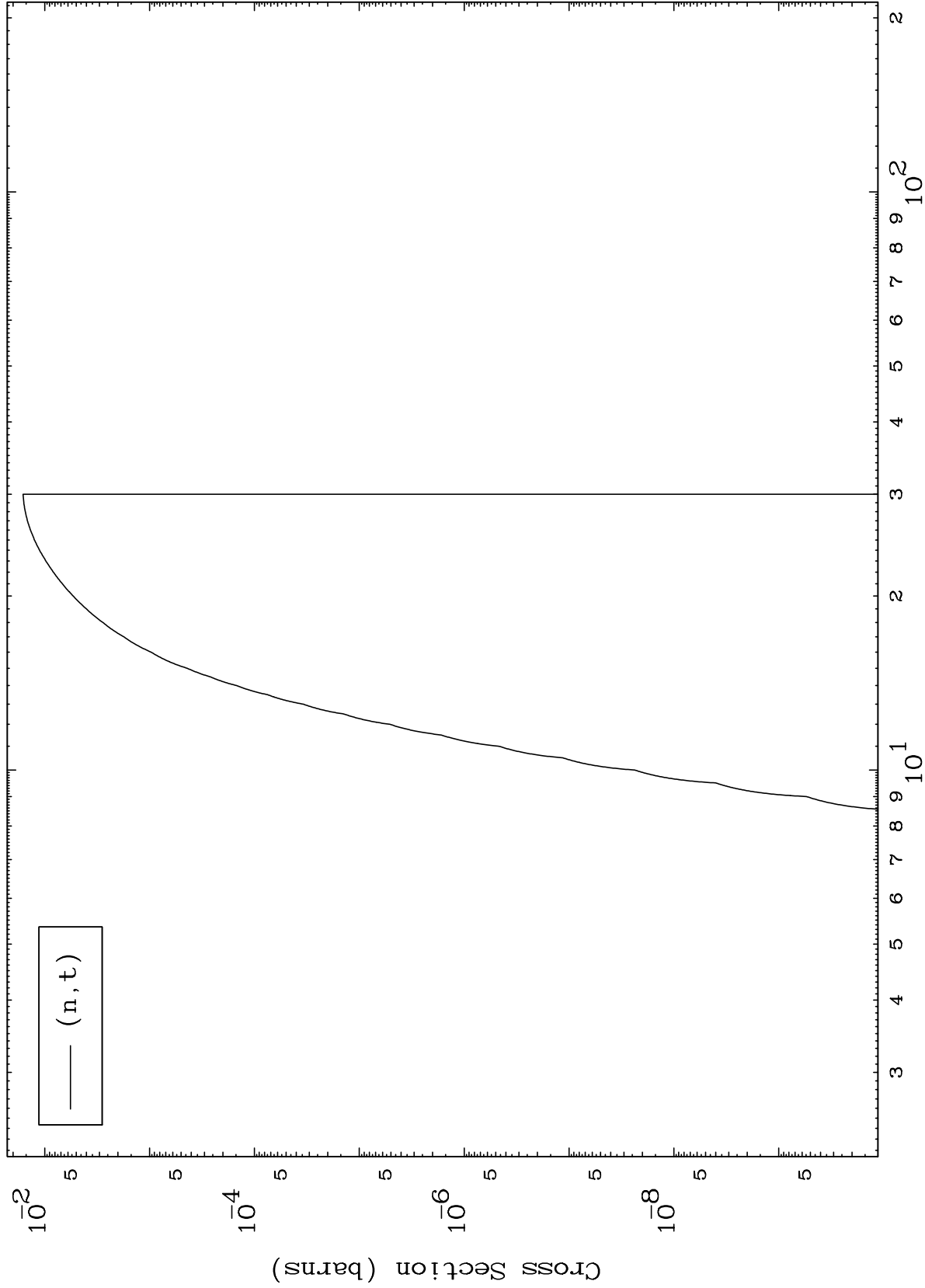


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(n,t) Levels
293 Kelvin Cross Sections



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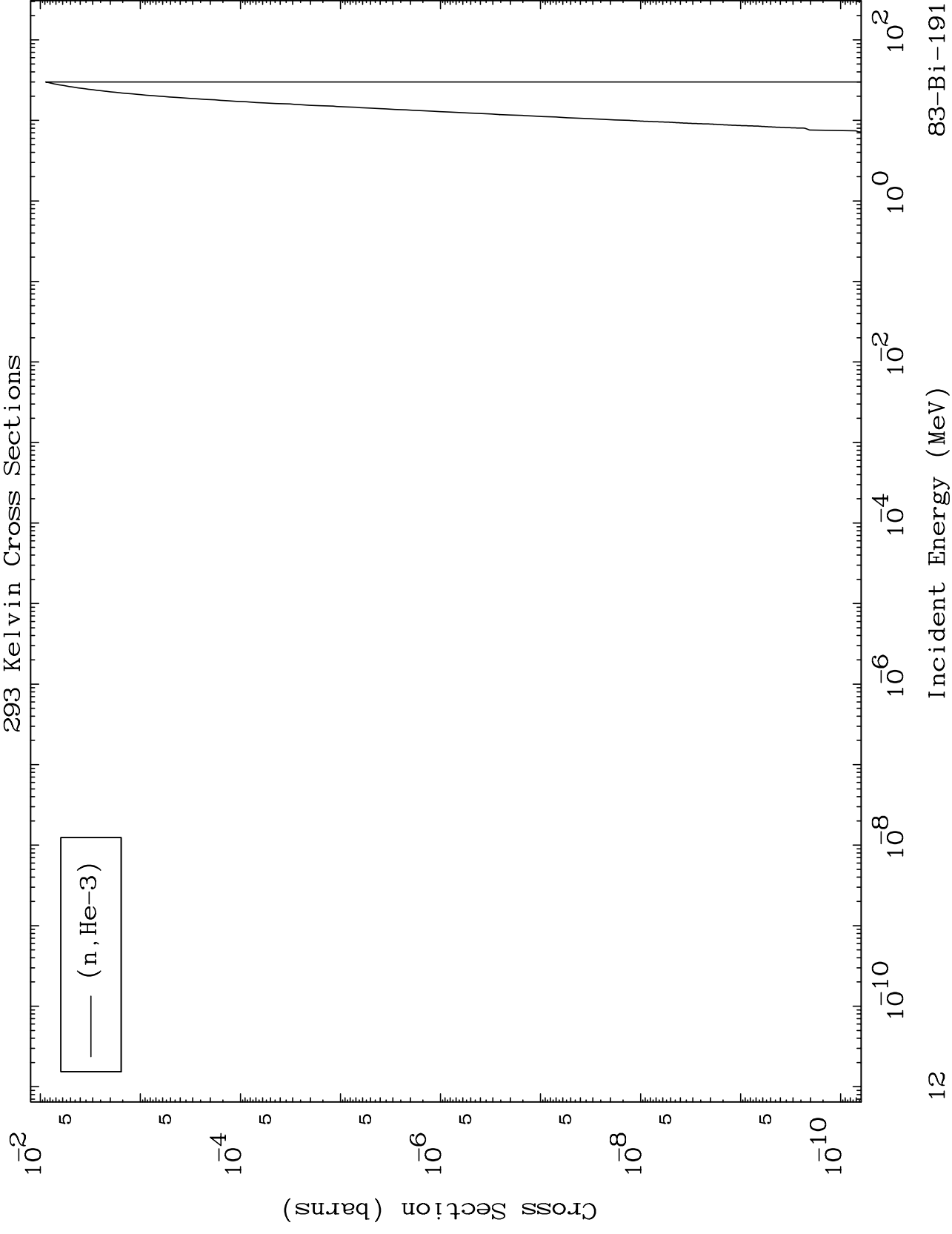
Incident Energy (MeV)

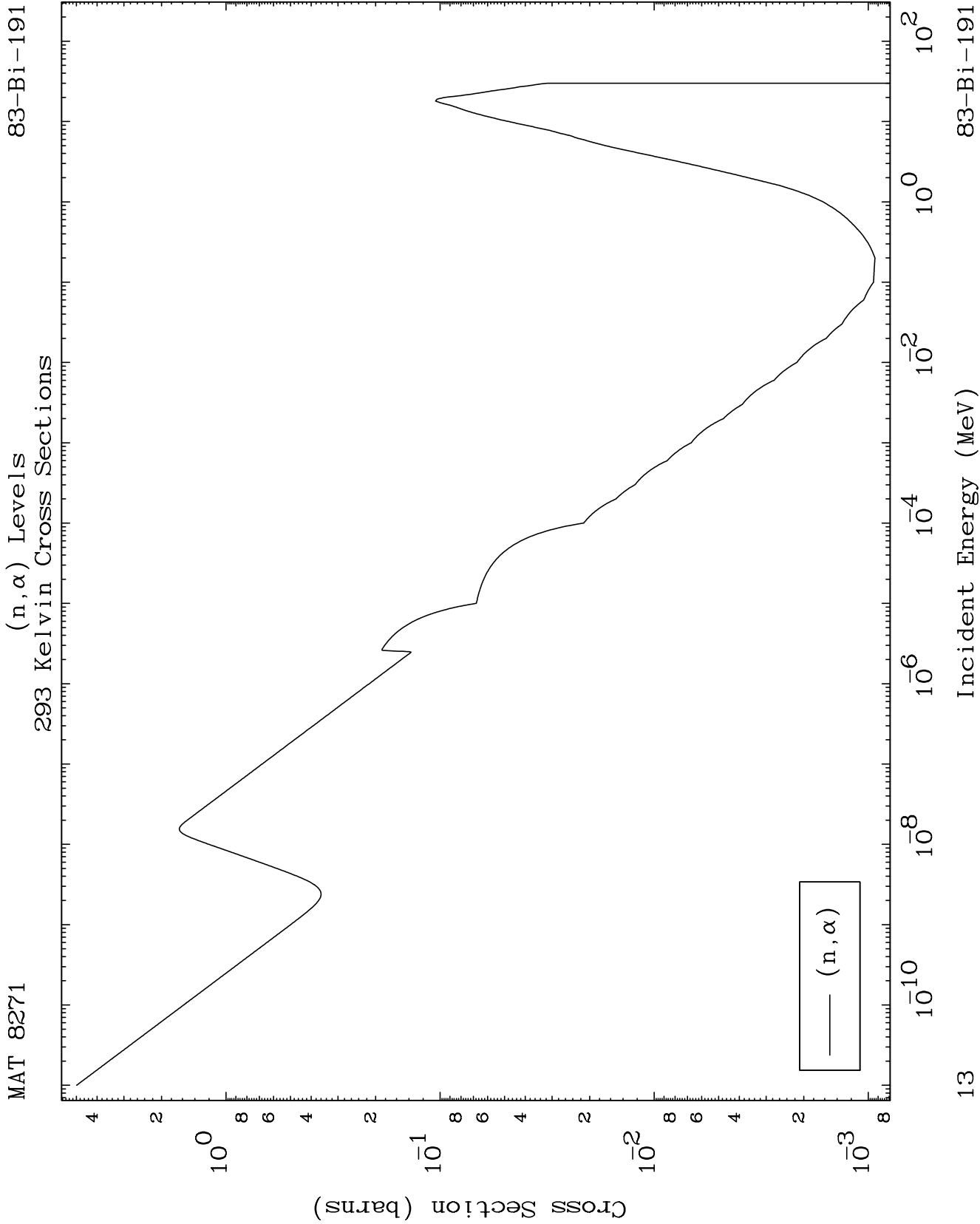
83-Bi-191

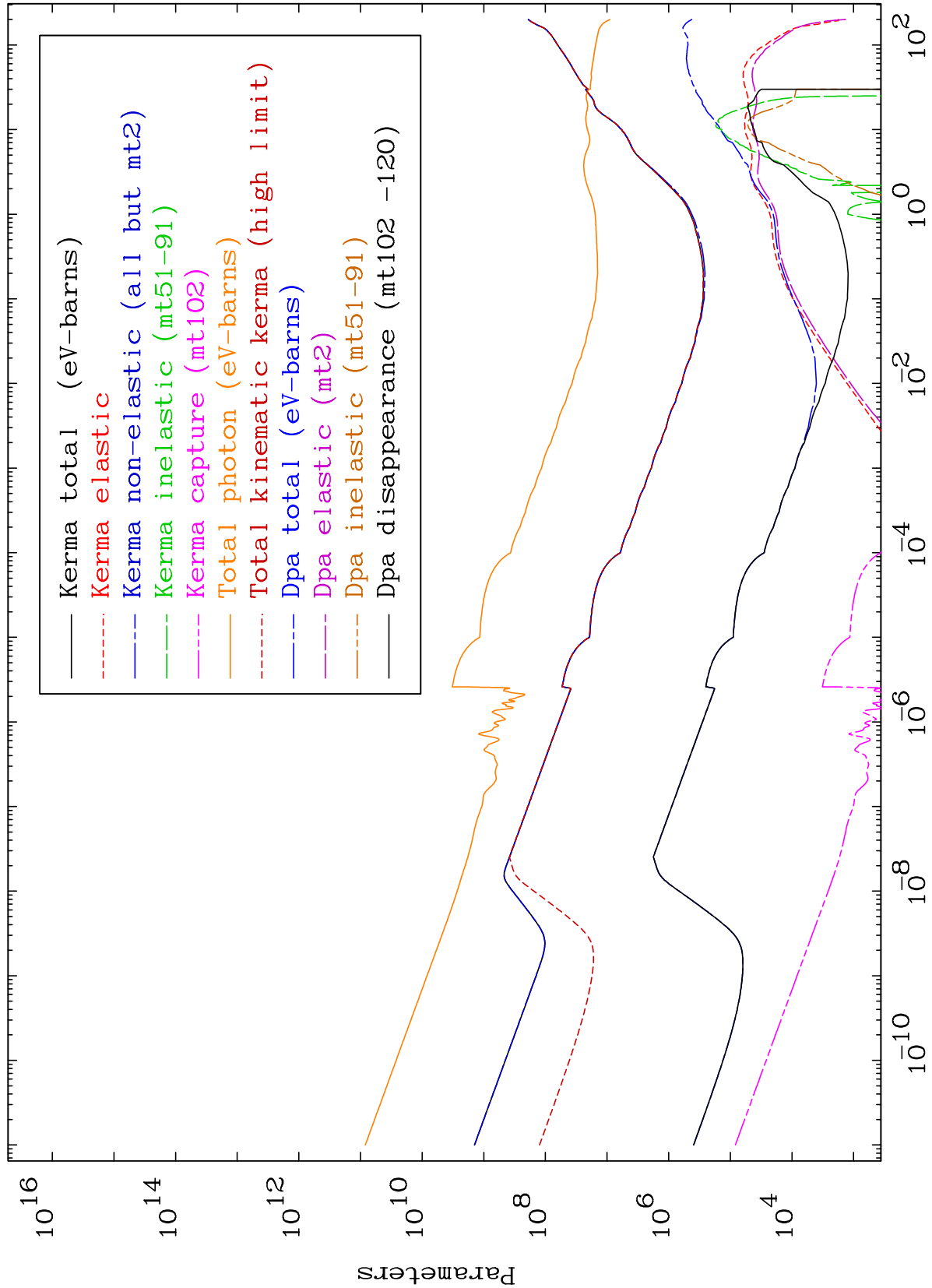
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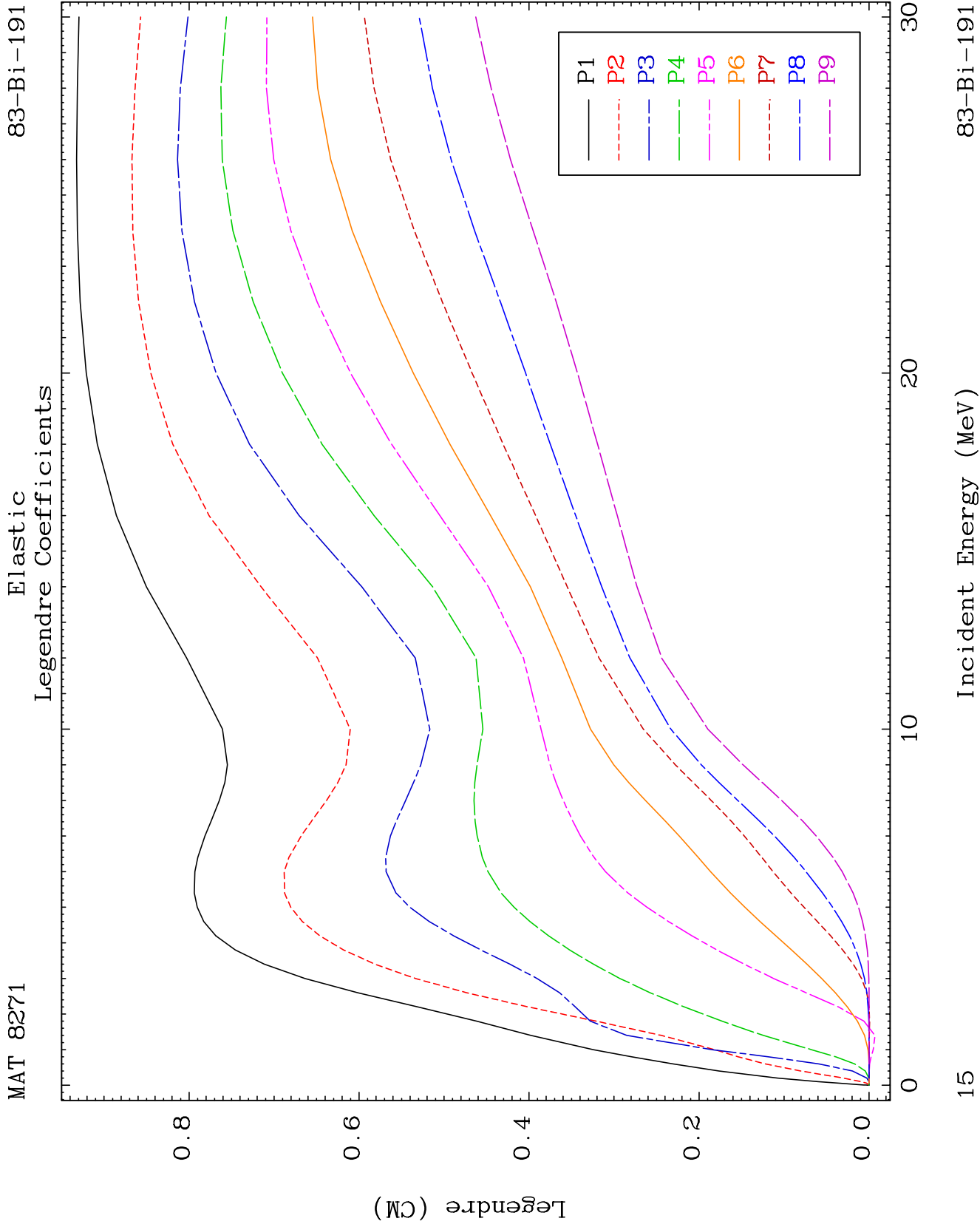
83-Bi-191

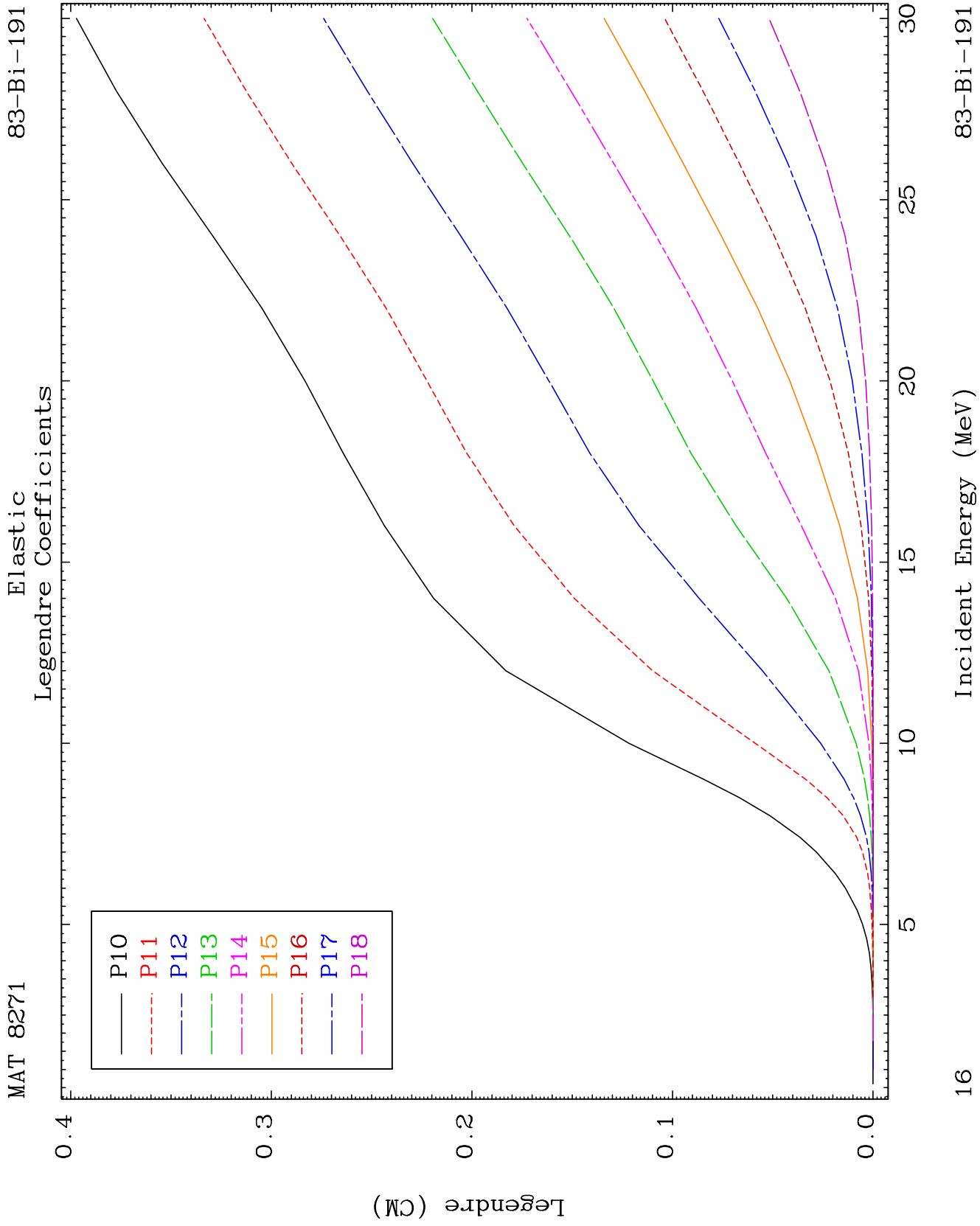
(n,He3) Levels
293 Kelvin Cross Sections

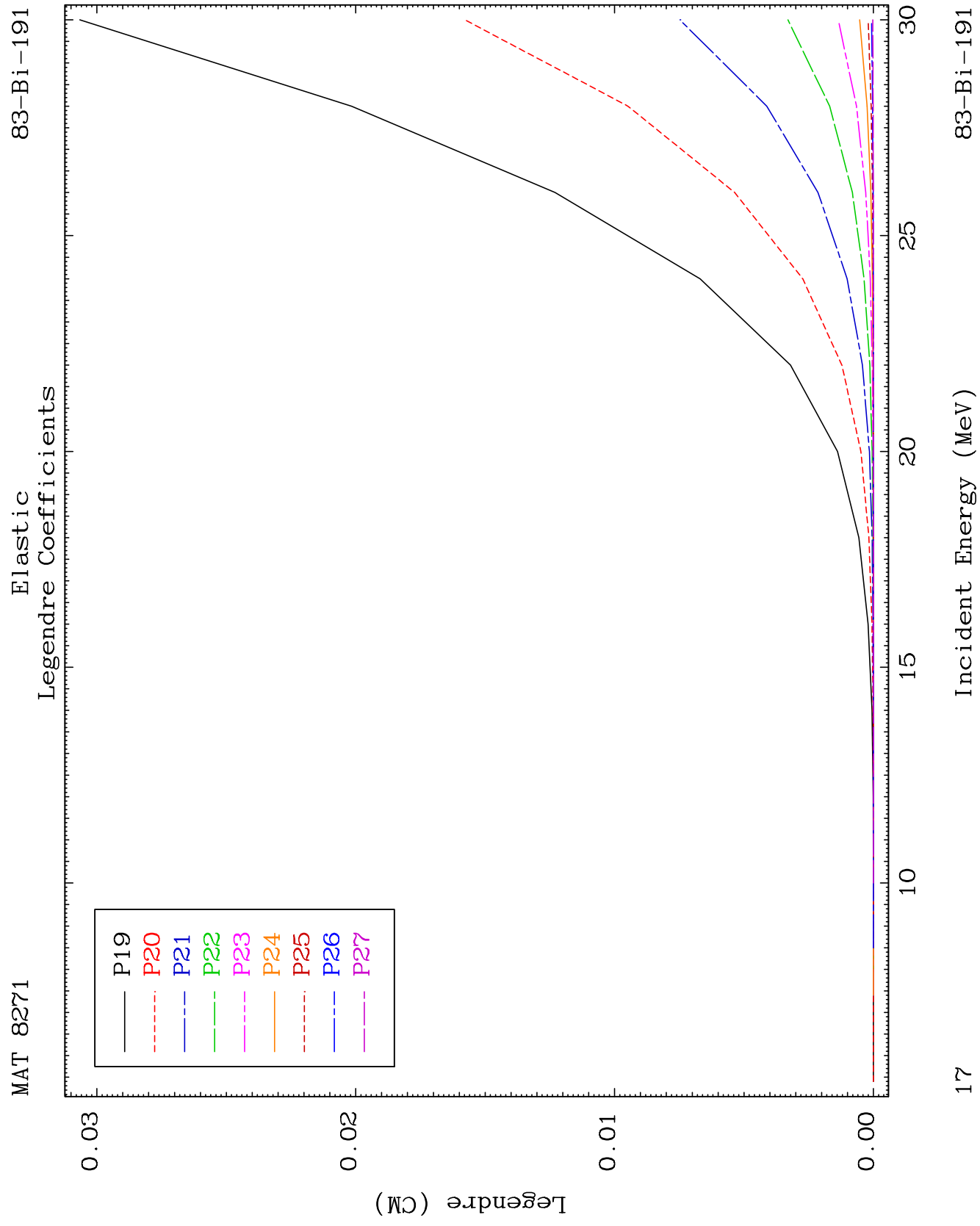


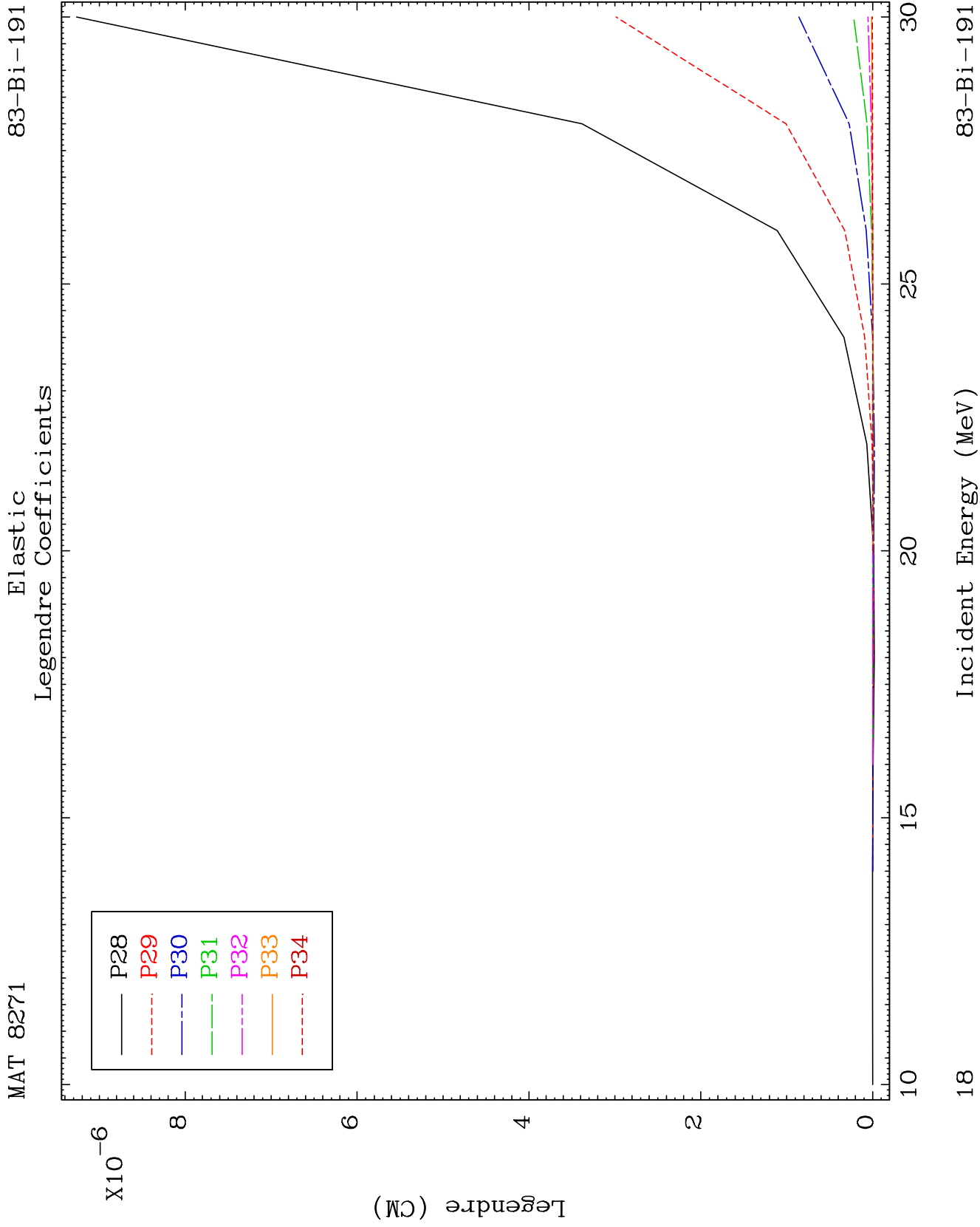








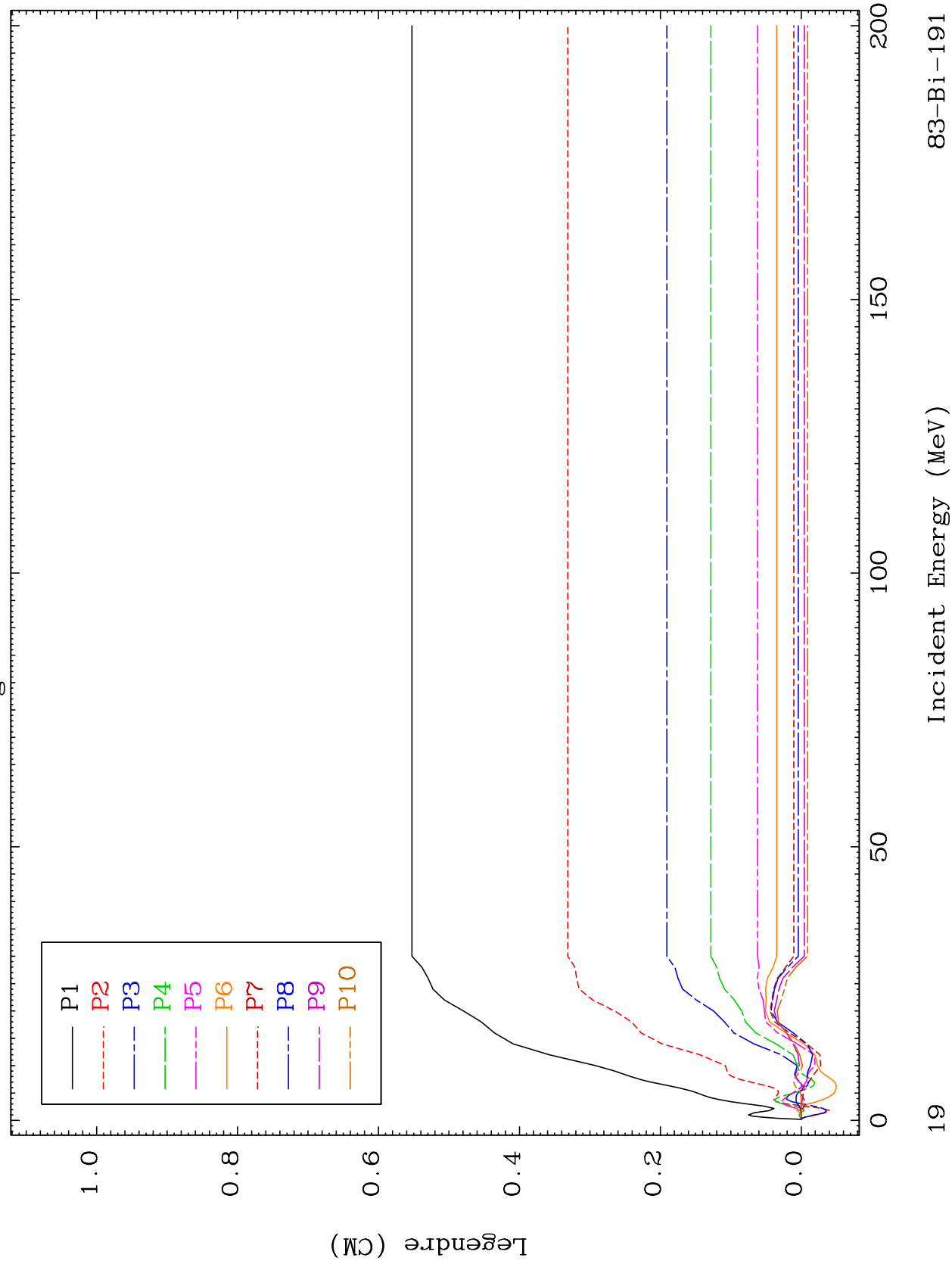


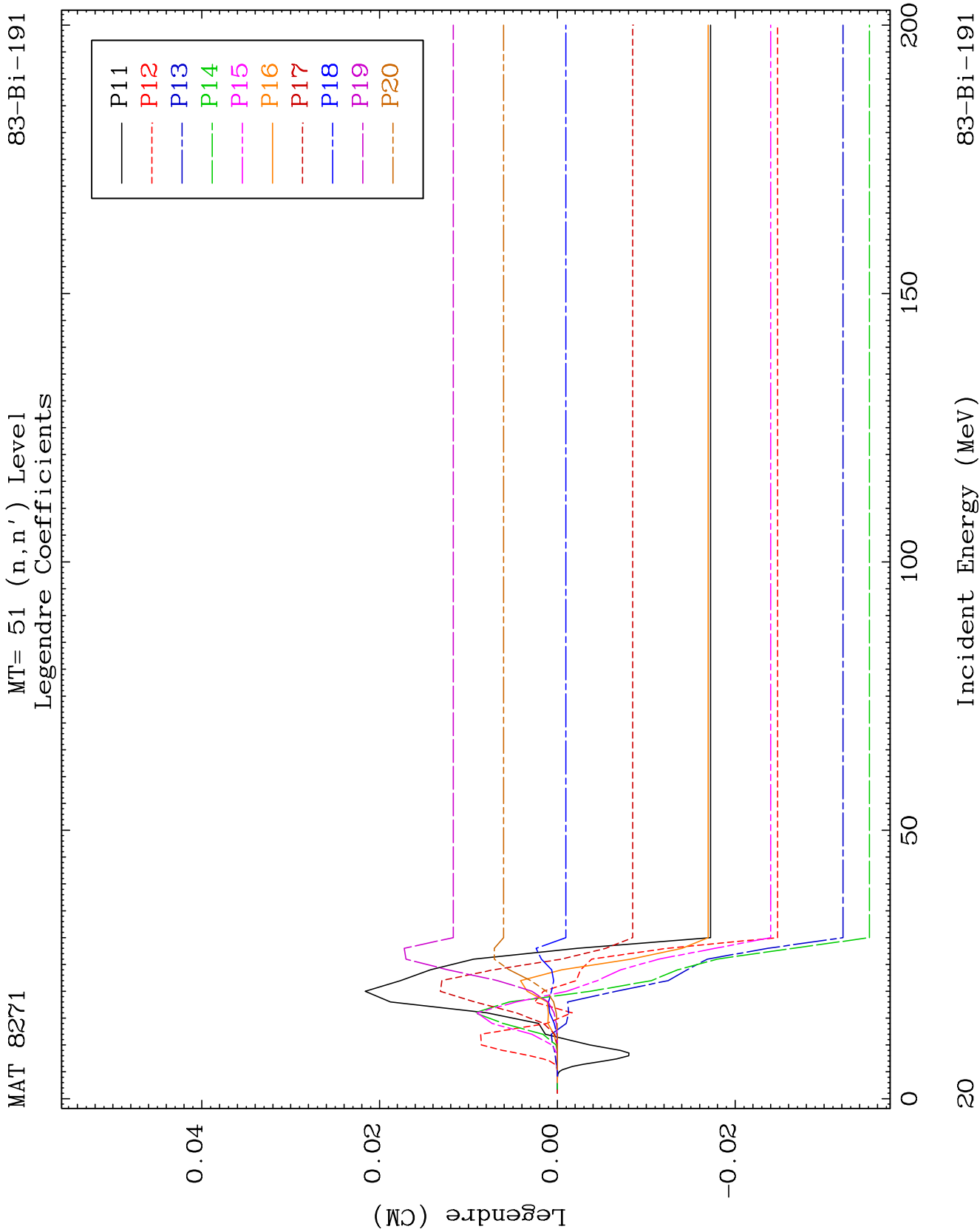


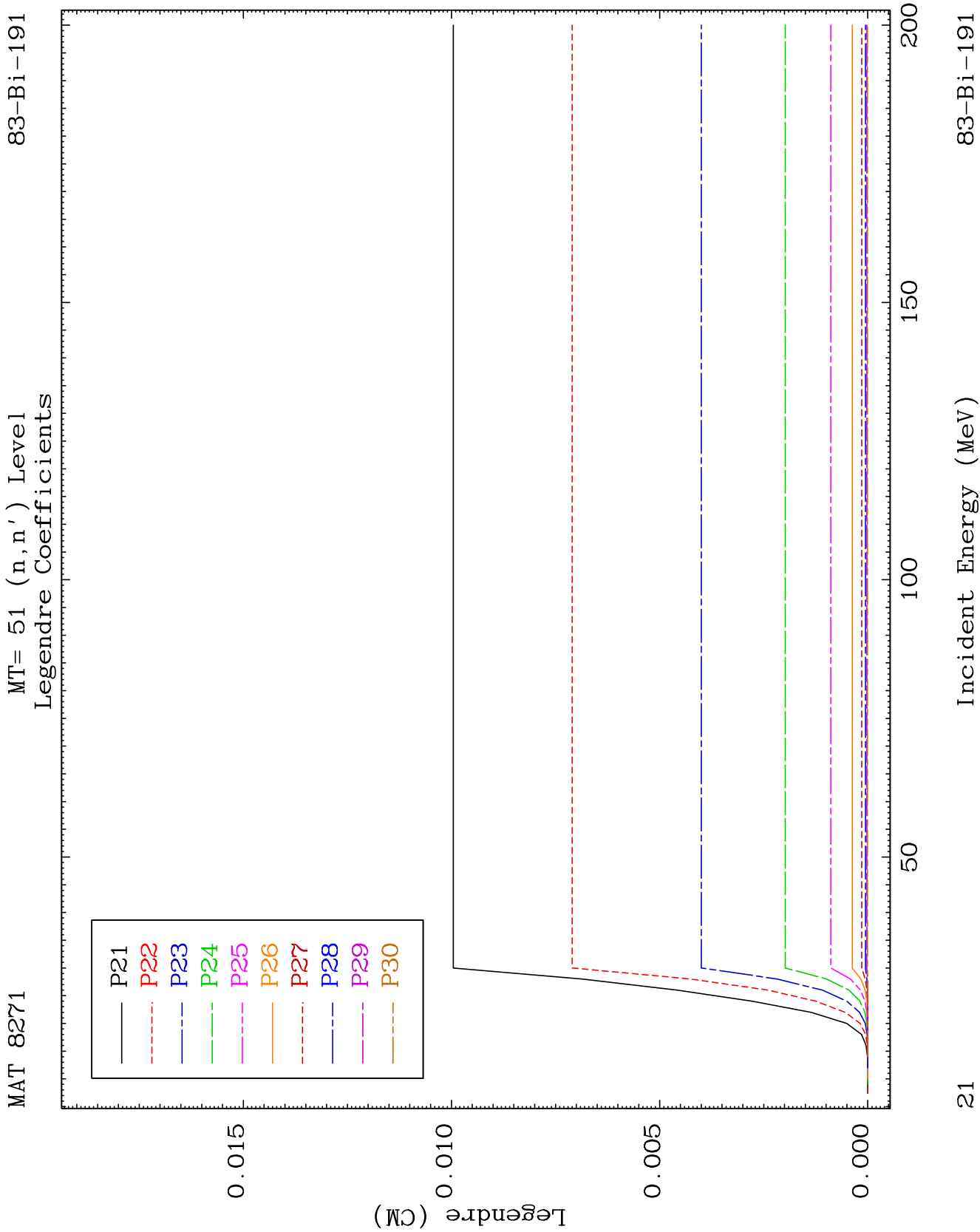
MAT 8271

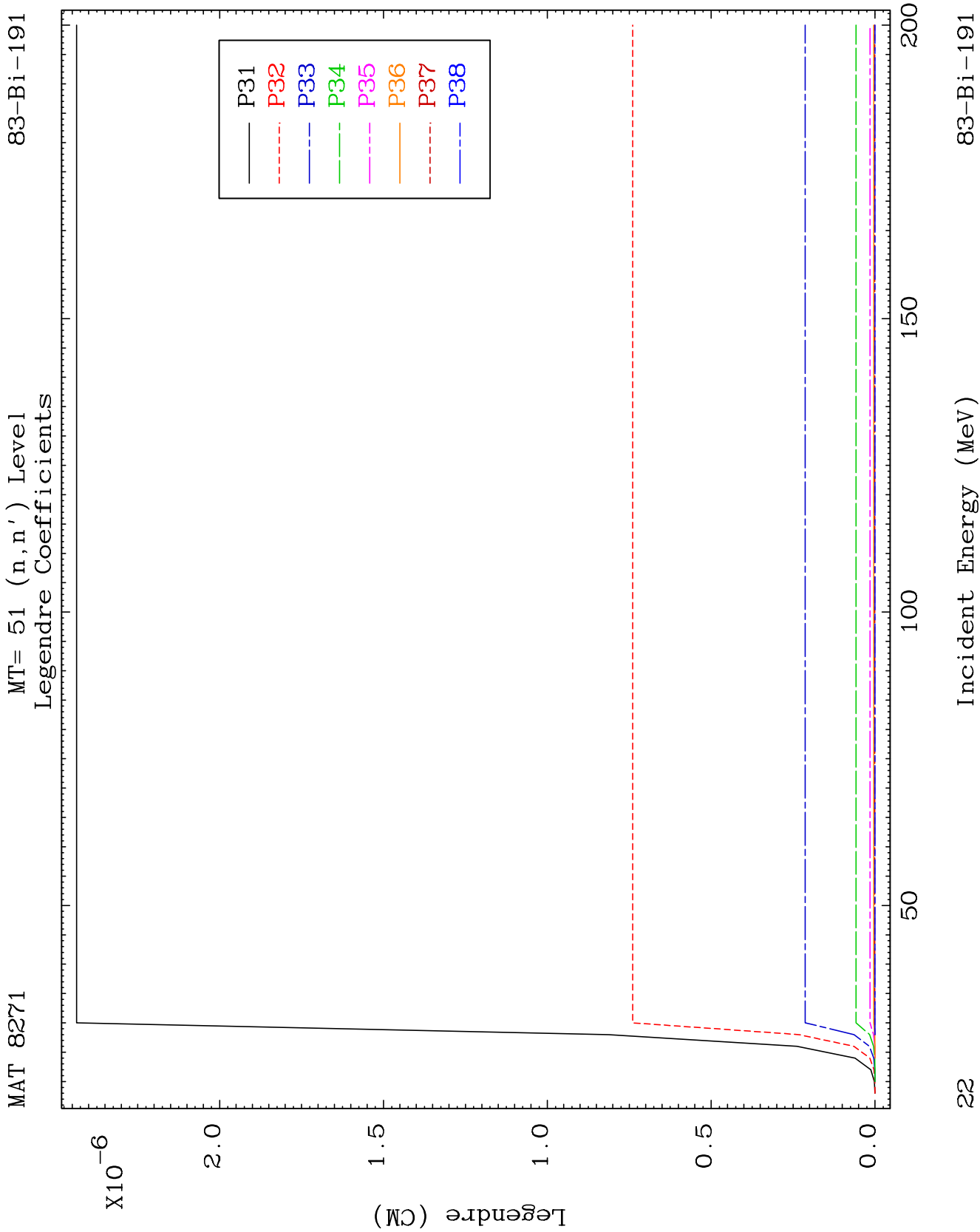
MT= 51 (n, n') Level
Legendre Coefficients

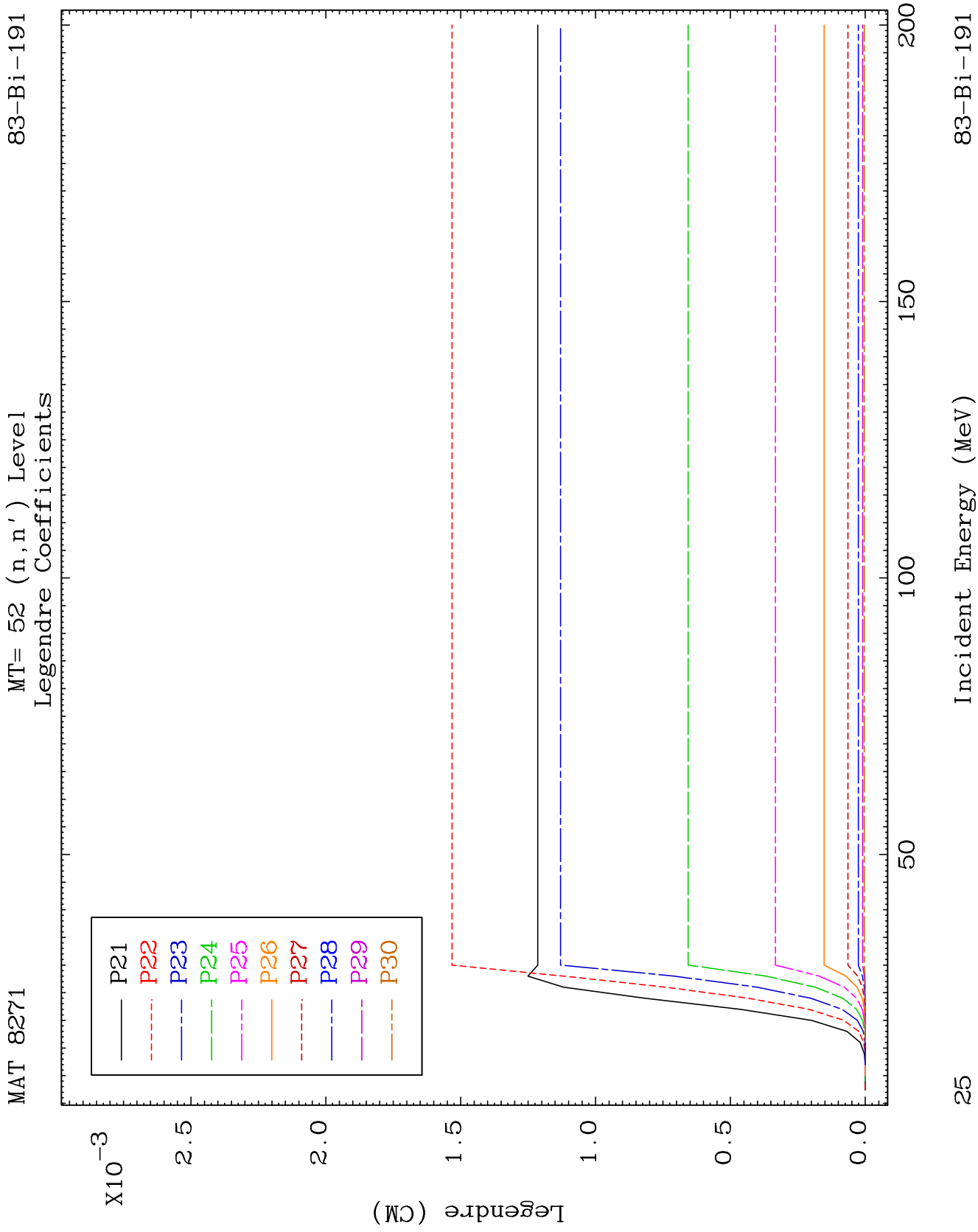
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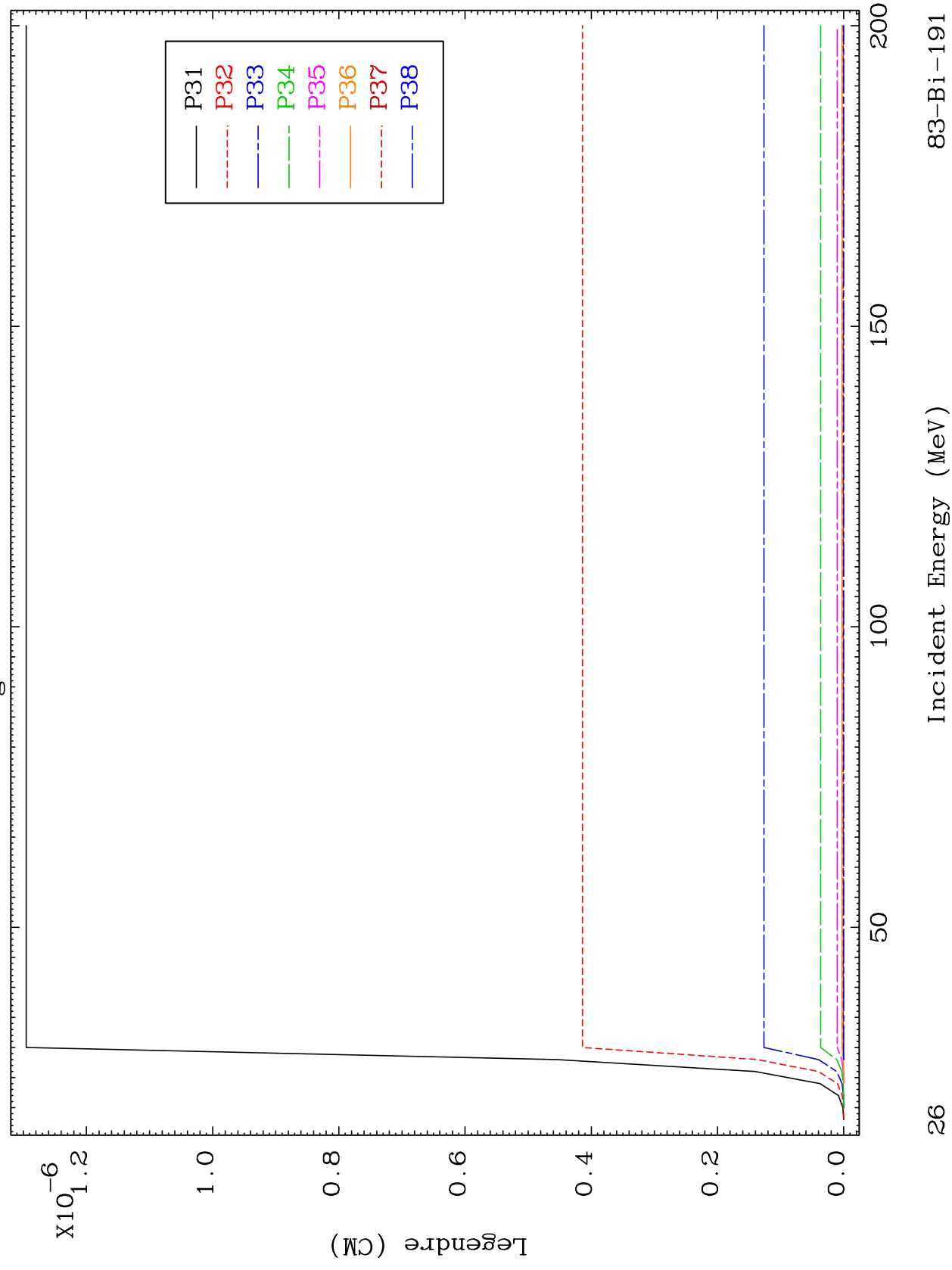


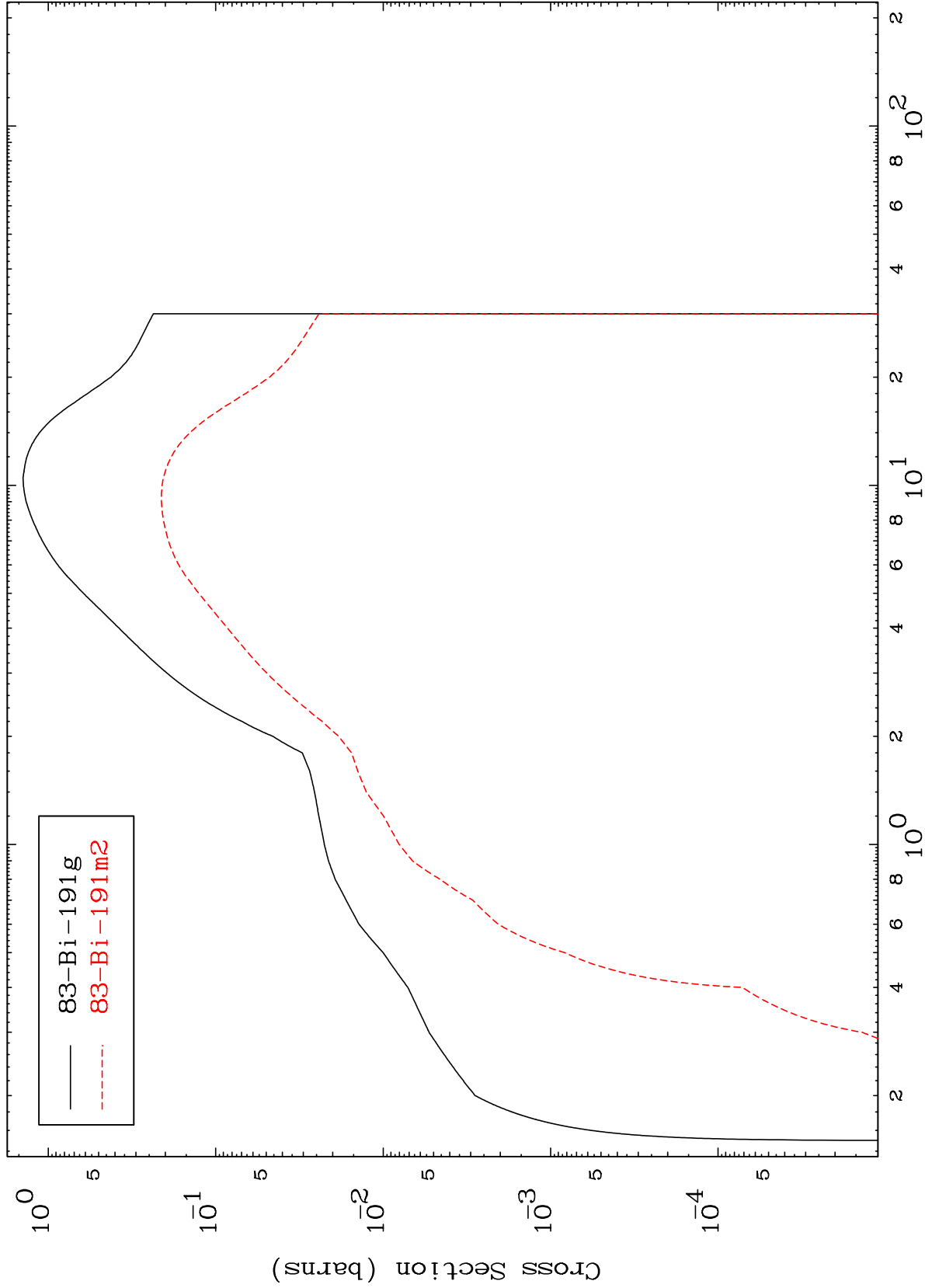


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MT= 52 (n, n') Level
Legendre Coefficients

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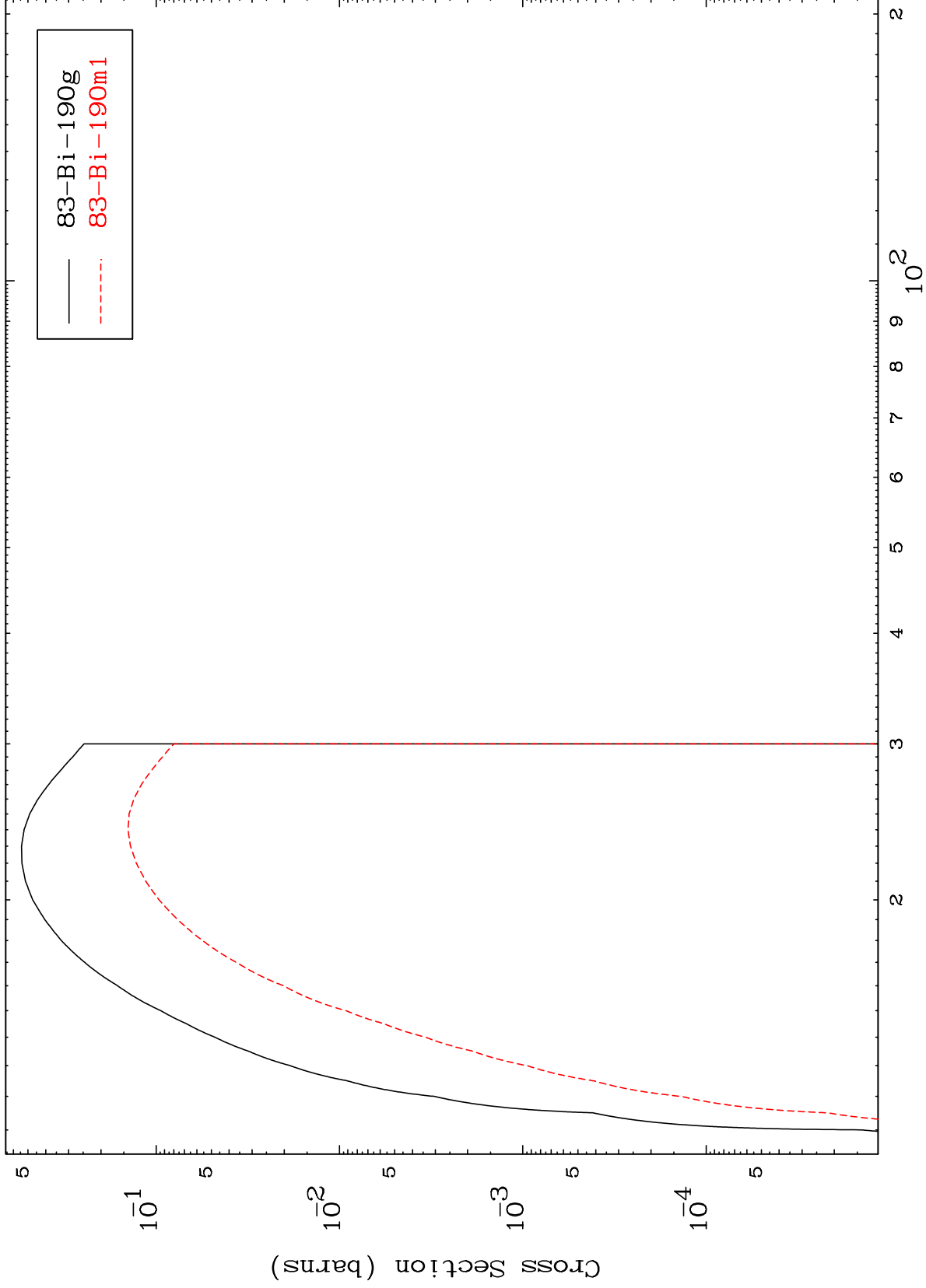


Inelastic
Radionuclide Production Cross Section

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(n,2n)
Radionuclide Production Cross Section

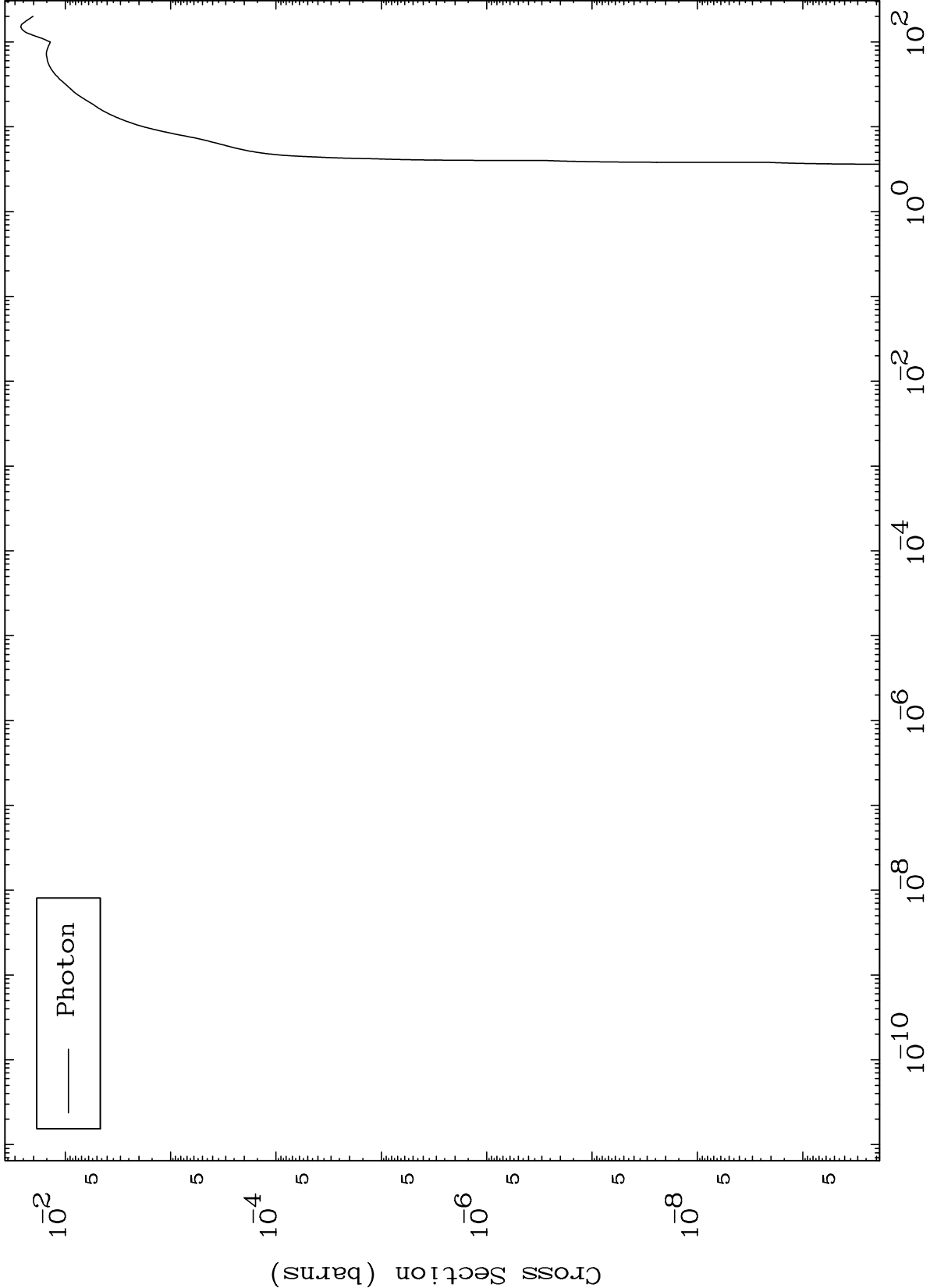


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Incident Energy (MeV)

28

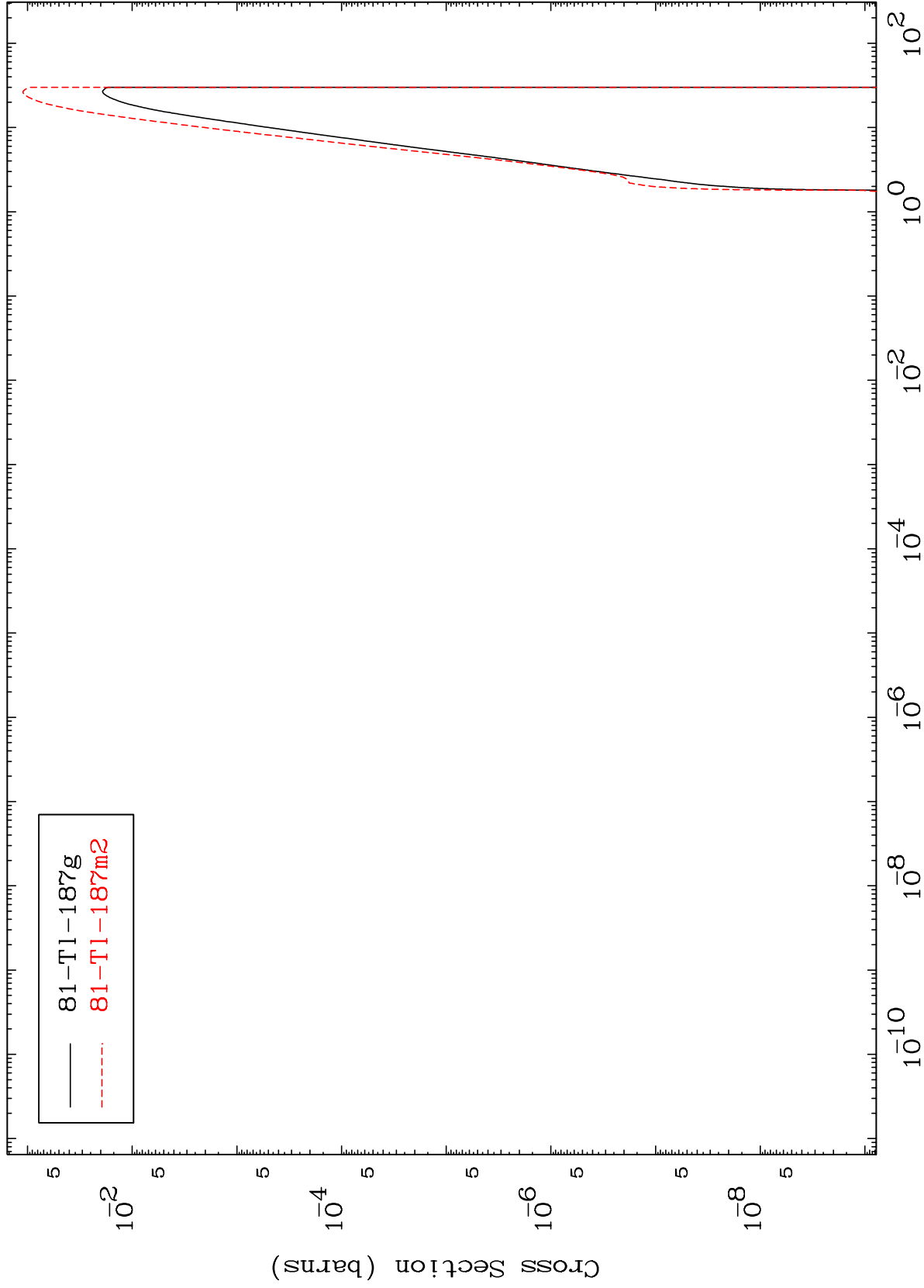
Fission
Radionuclide Production Cross Section



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$(n,n') \alpha$
Radionuclide Production Cross Section



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Incident Energy (MeV)

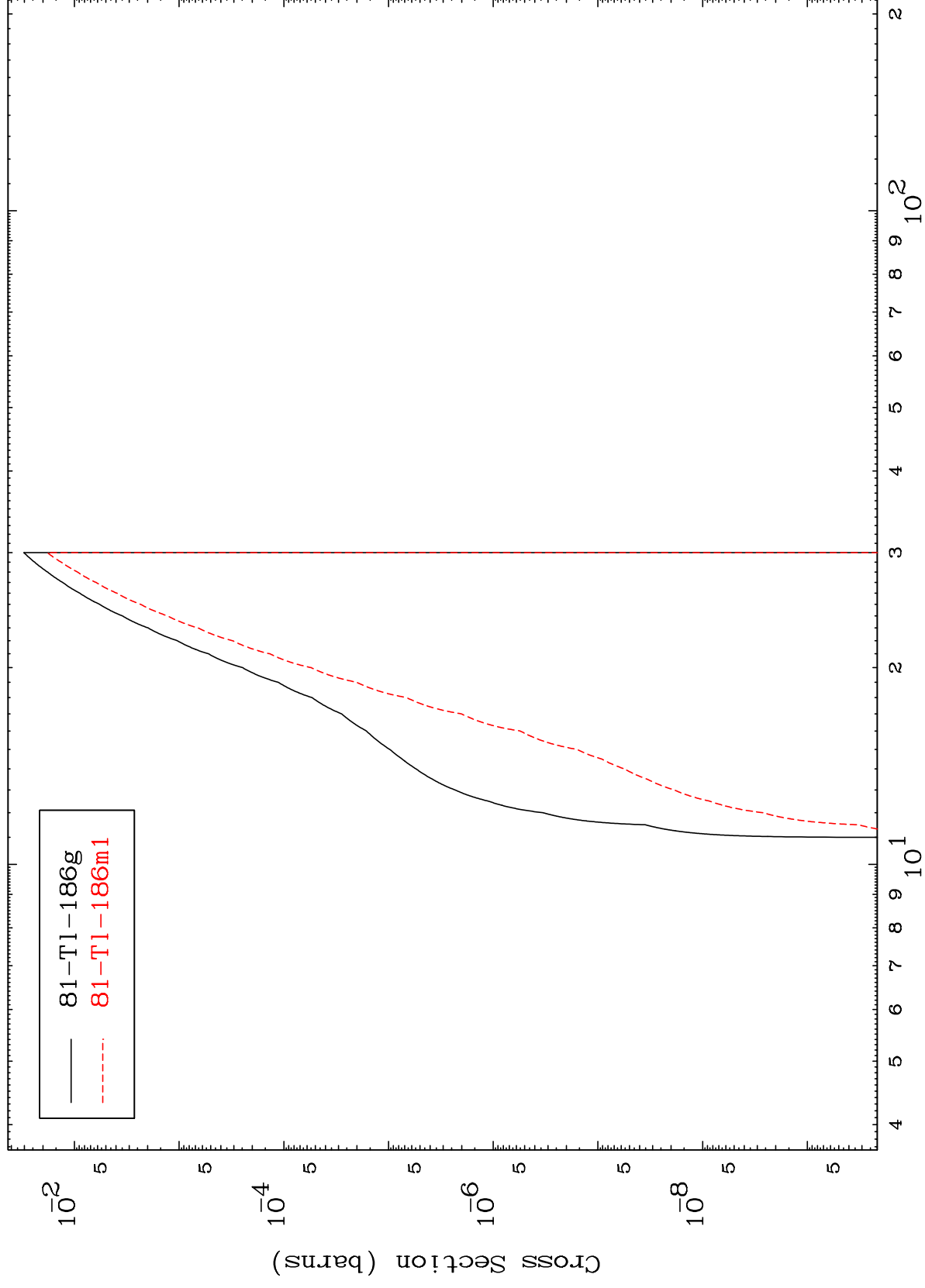
30

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$$(n, 2n) \propto$$

Radionuclide Production Cross Section

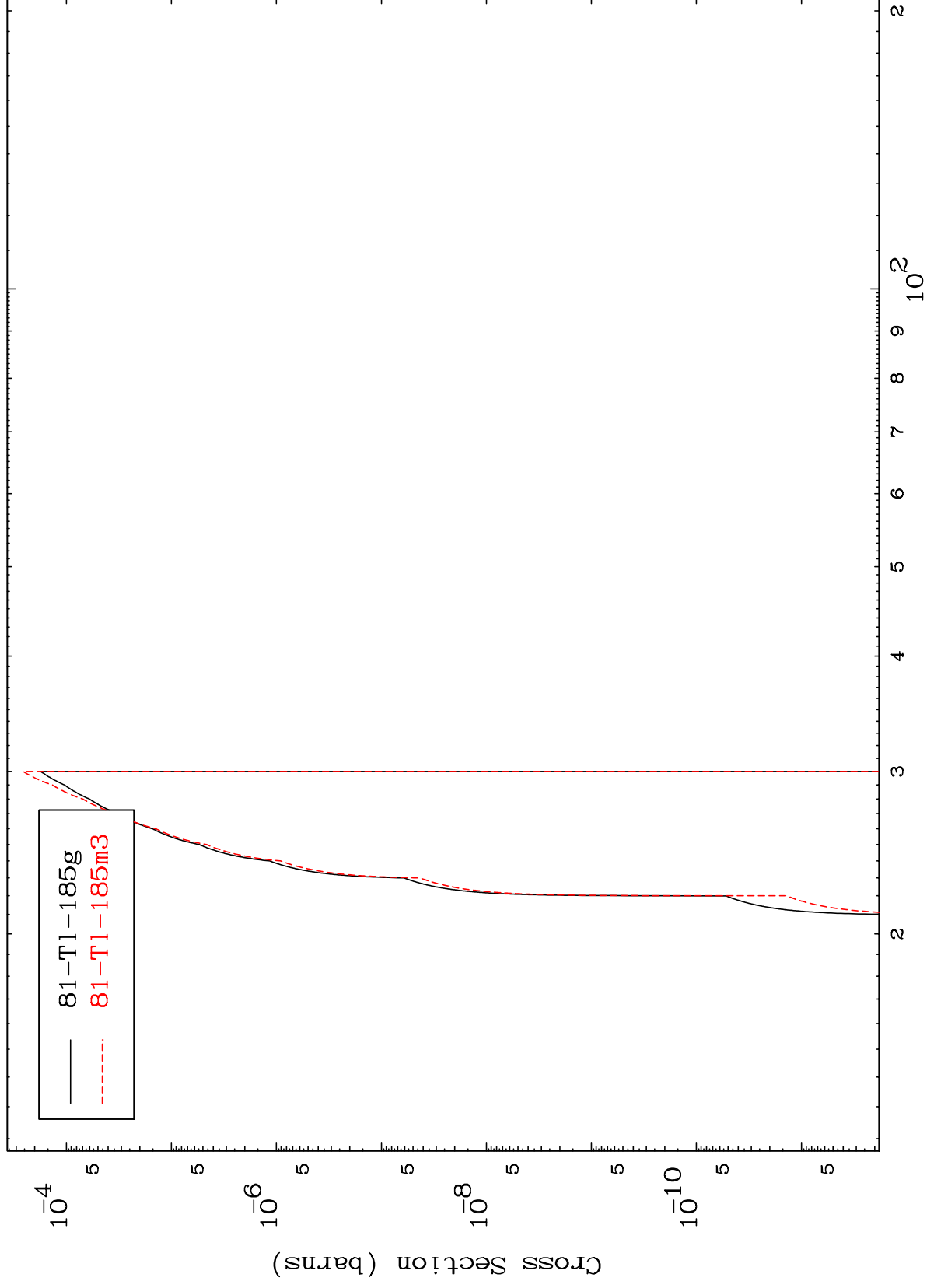


31

Incident Energy (MeV)

83-Bi-191

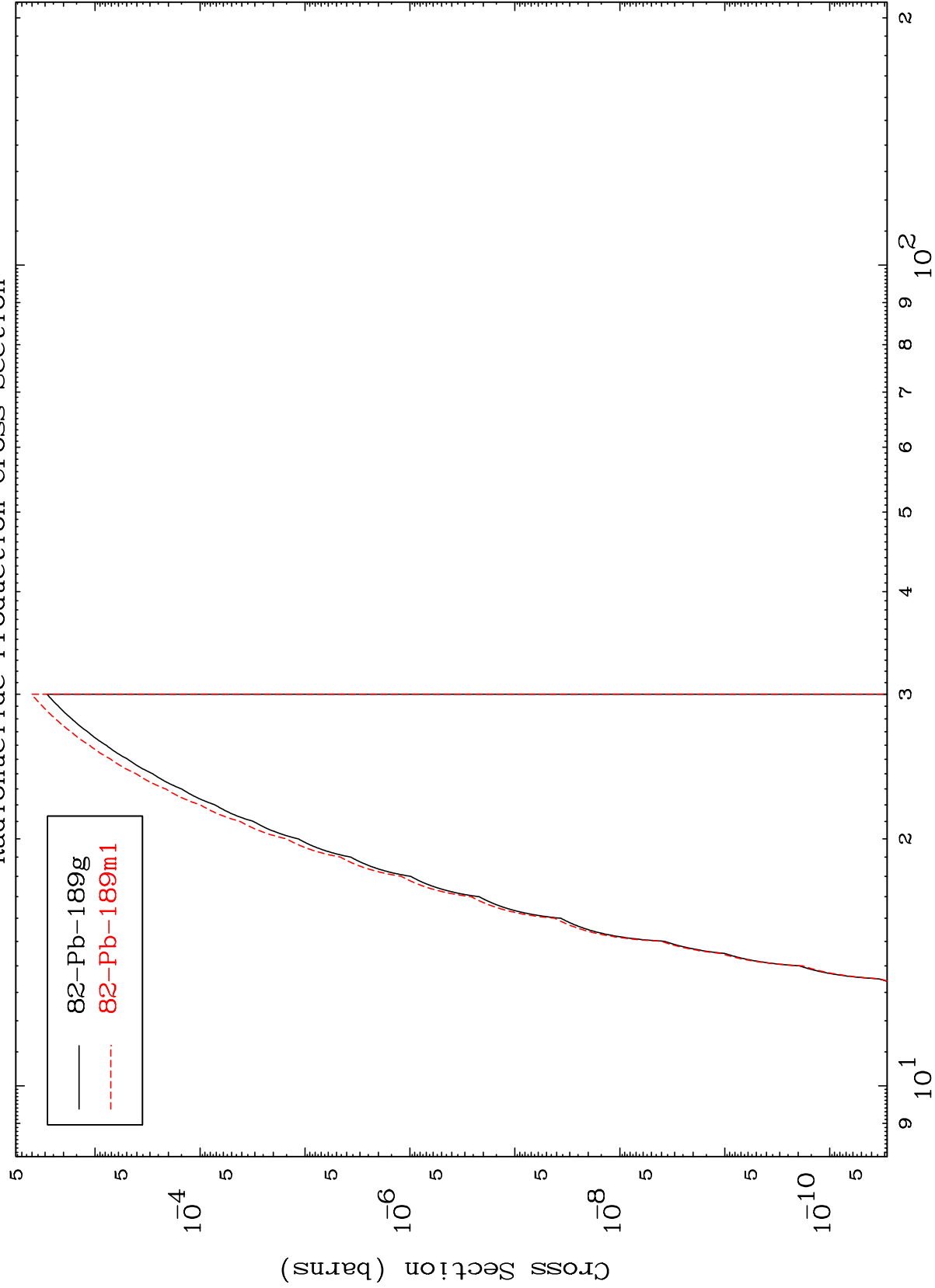
Radionuclide Production Cross Section
(n,3n) α



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(n,n') d
Radionuclide Production Cross Section



83-Bi-191

Incident Energy (MeV)

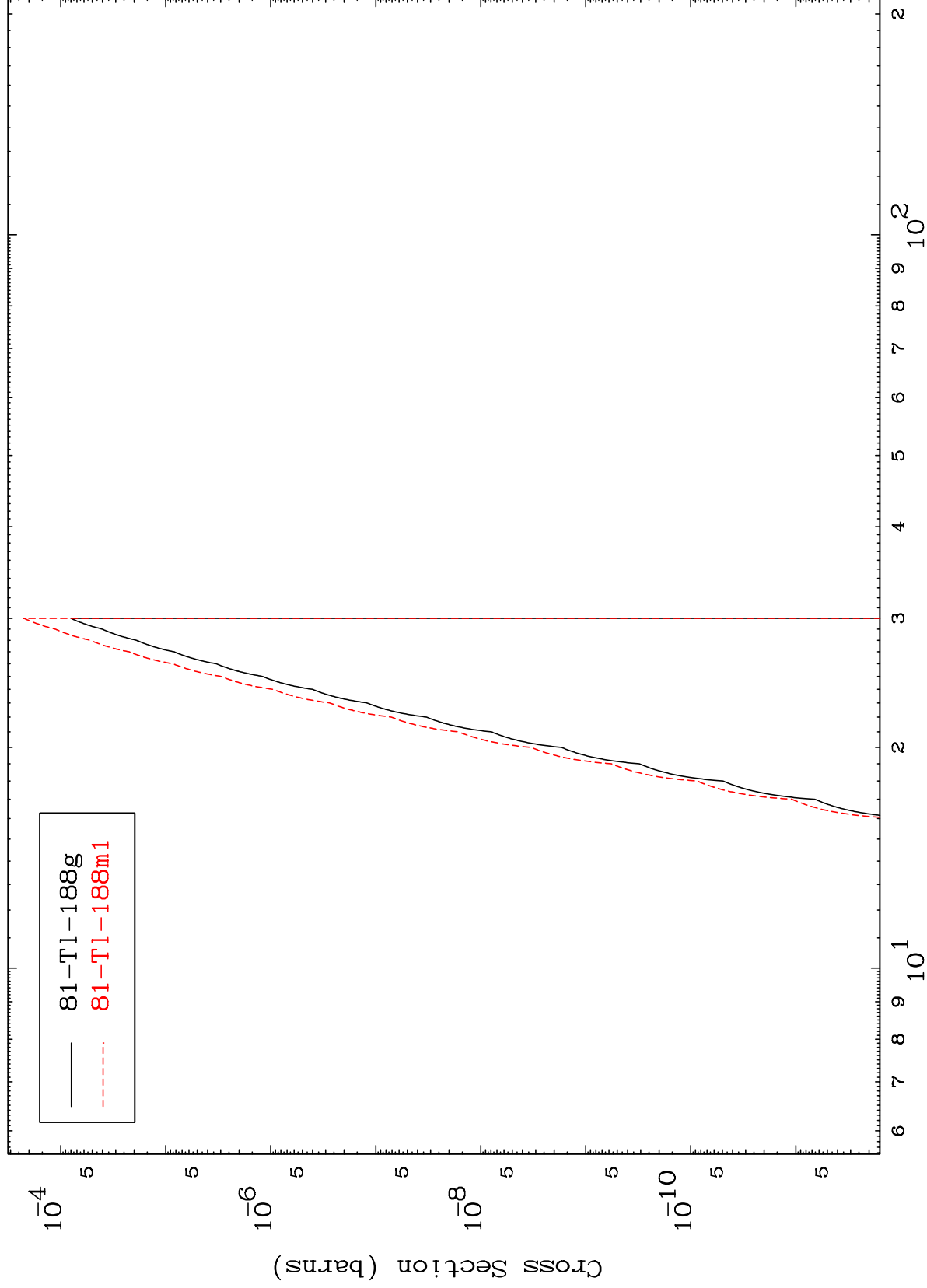
33

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(n,n') He-3

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Radionuclide Production Cross Section



34

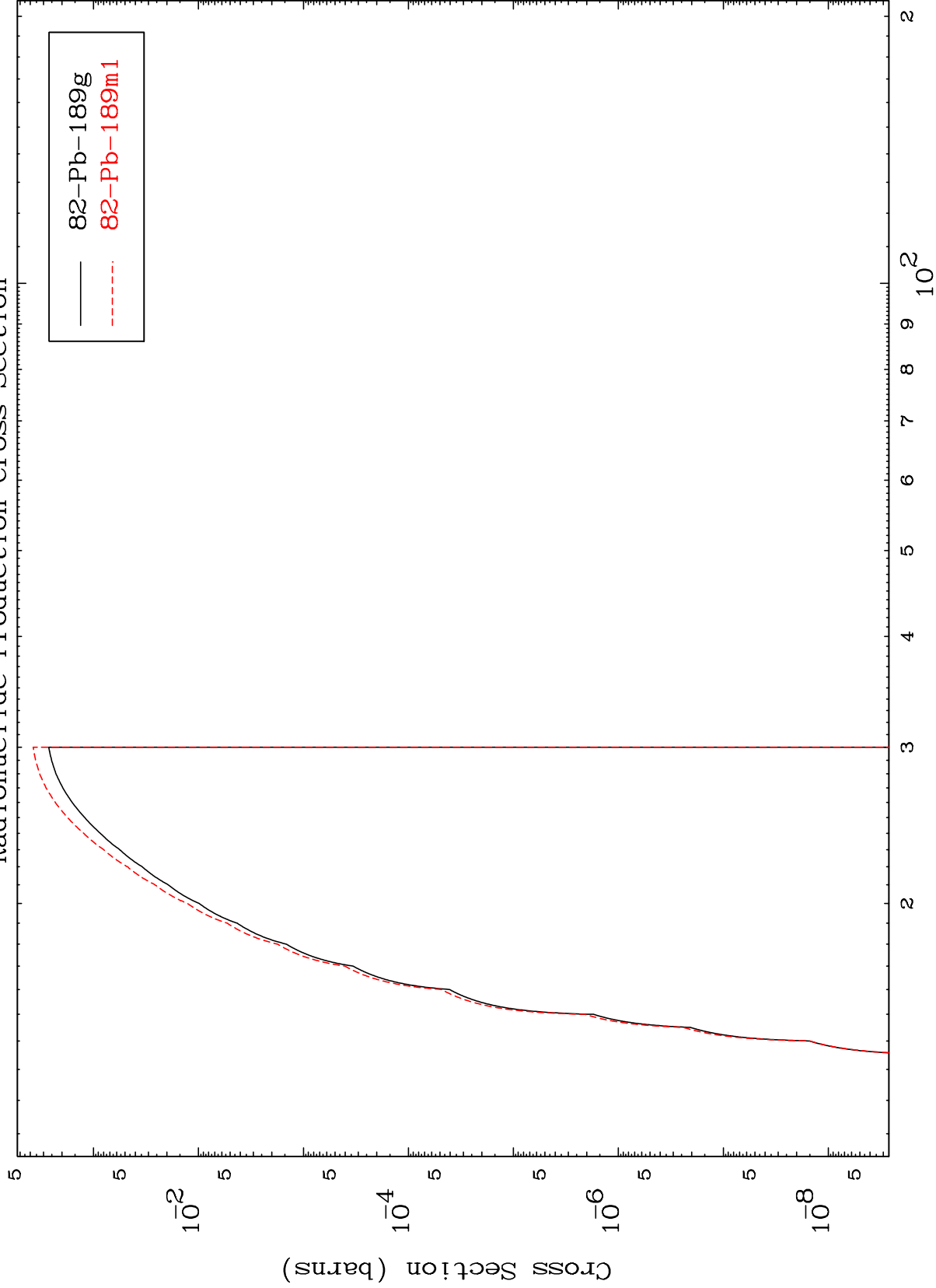
Incident Energy (MeV)

83-Bi-191

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83-Bi-191

(n,2n) p
Radionuclide Production Cross Section



35

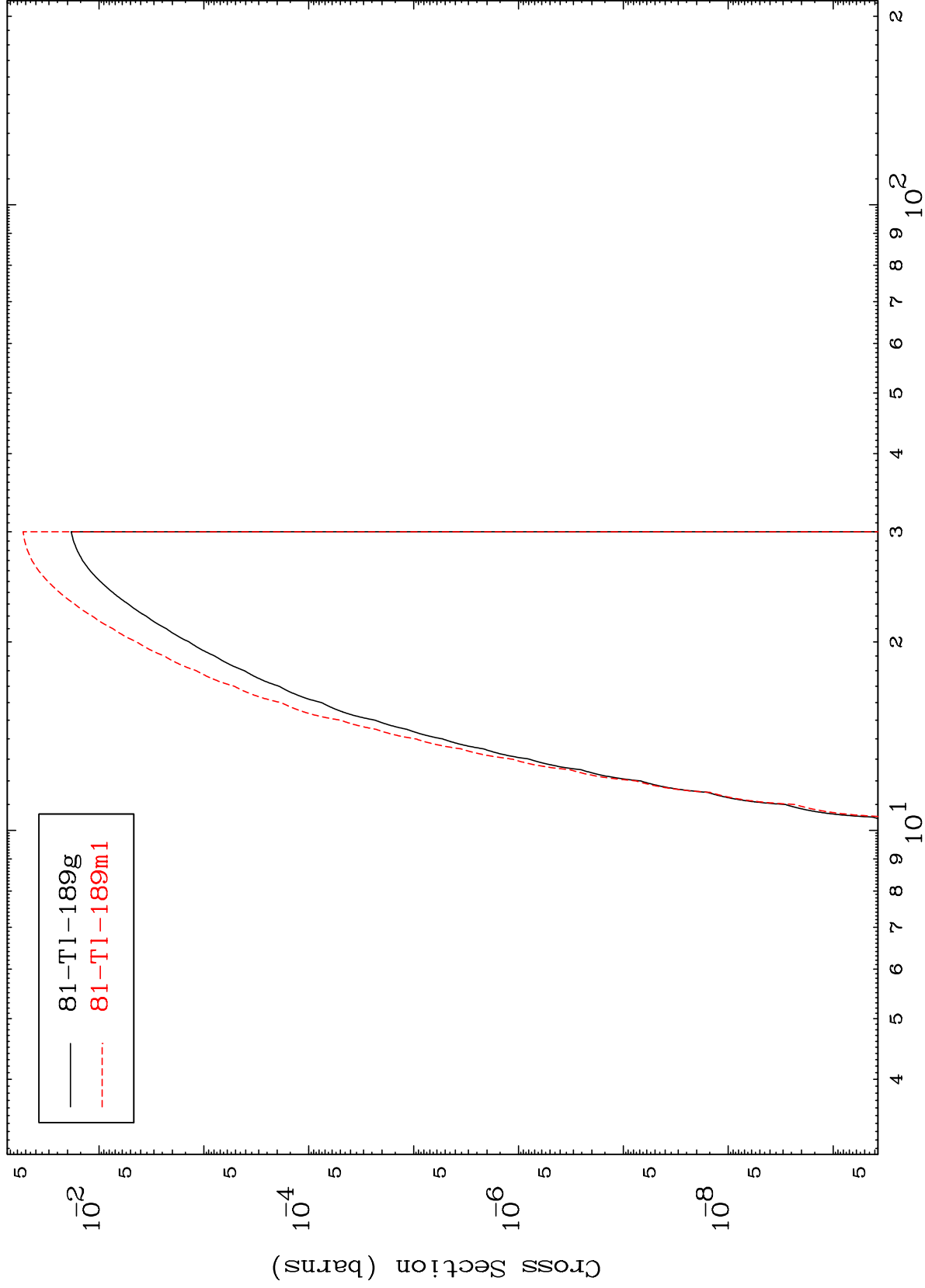
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

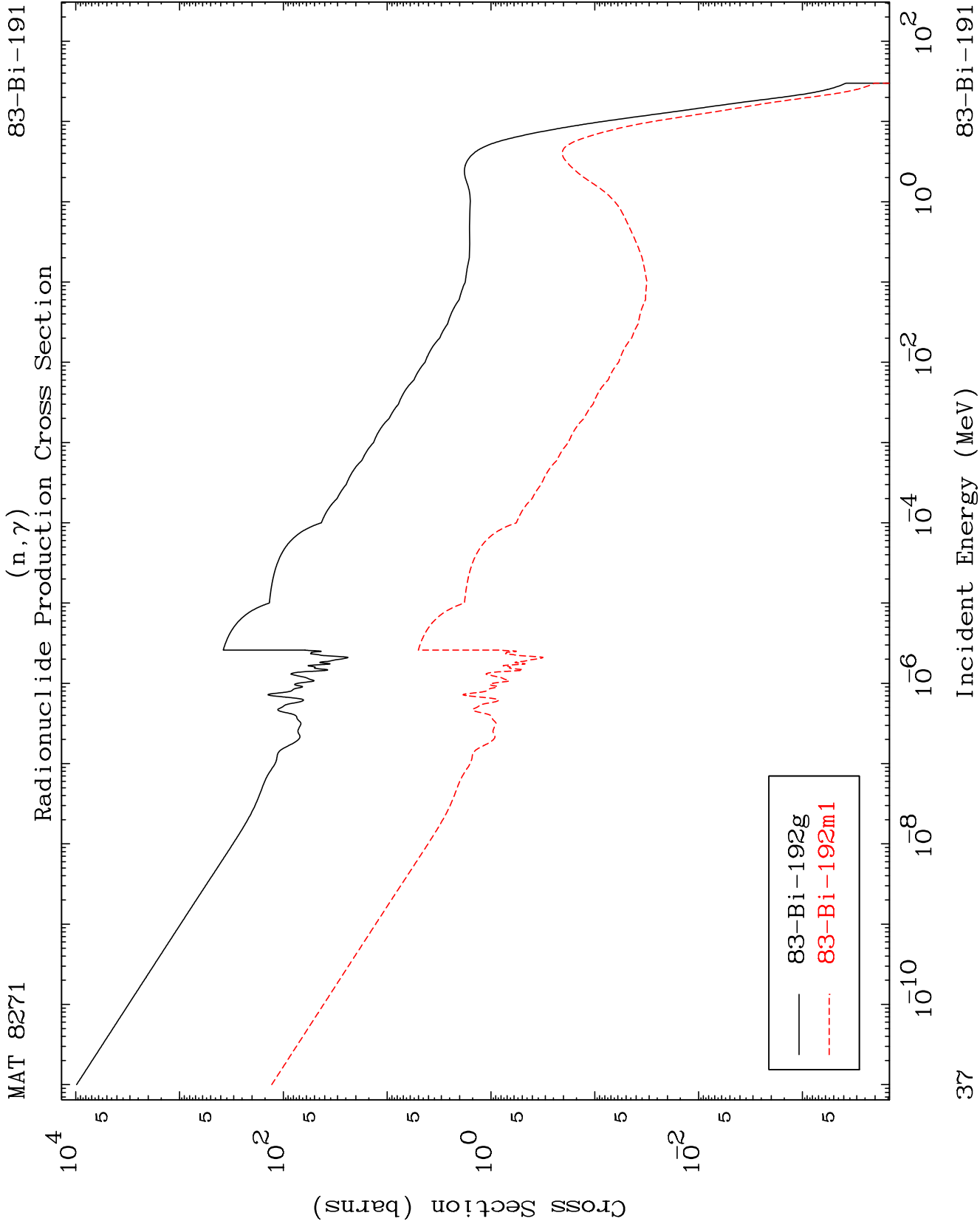
(n,2n) p
Radionuclide Production Cross Section



36

Incident Energy (MeV)

83-Bi-191

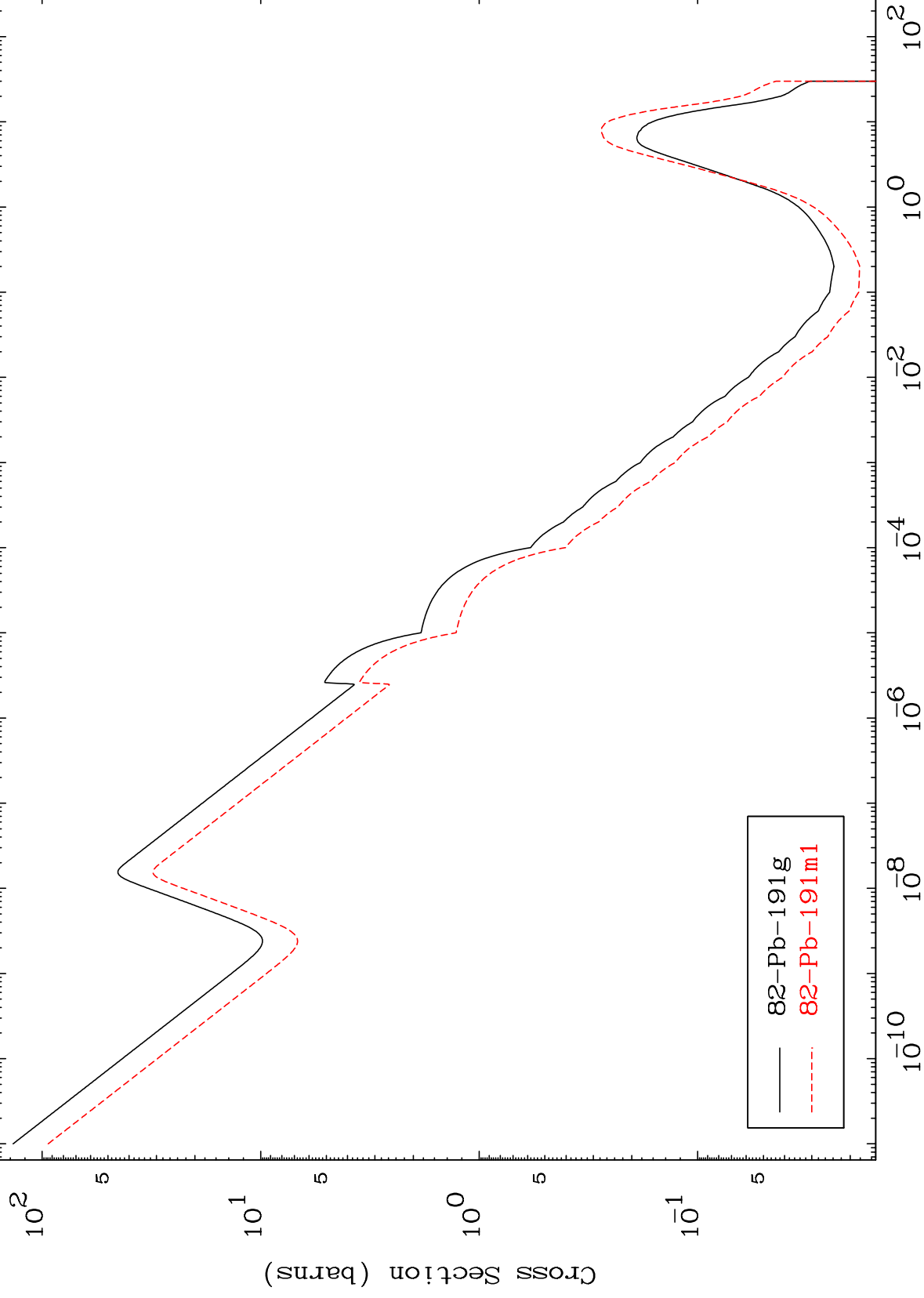


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83-Bi-191

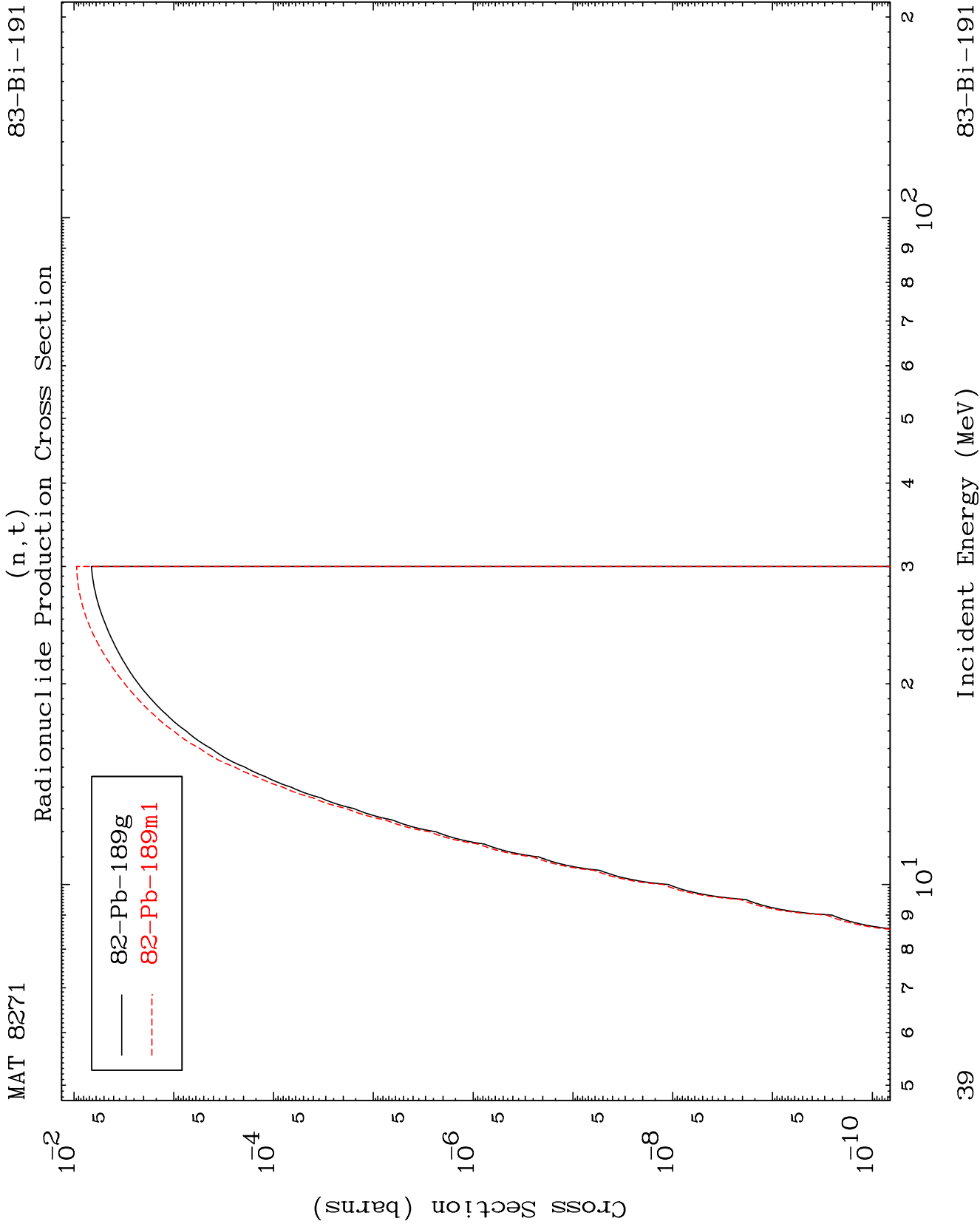
Radionuclide Production Cross Section

(n,p)



38

83-Bi-191

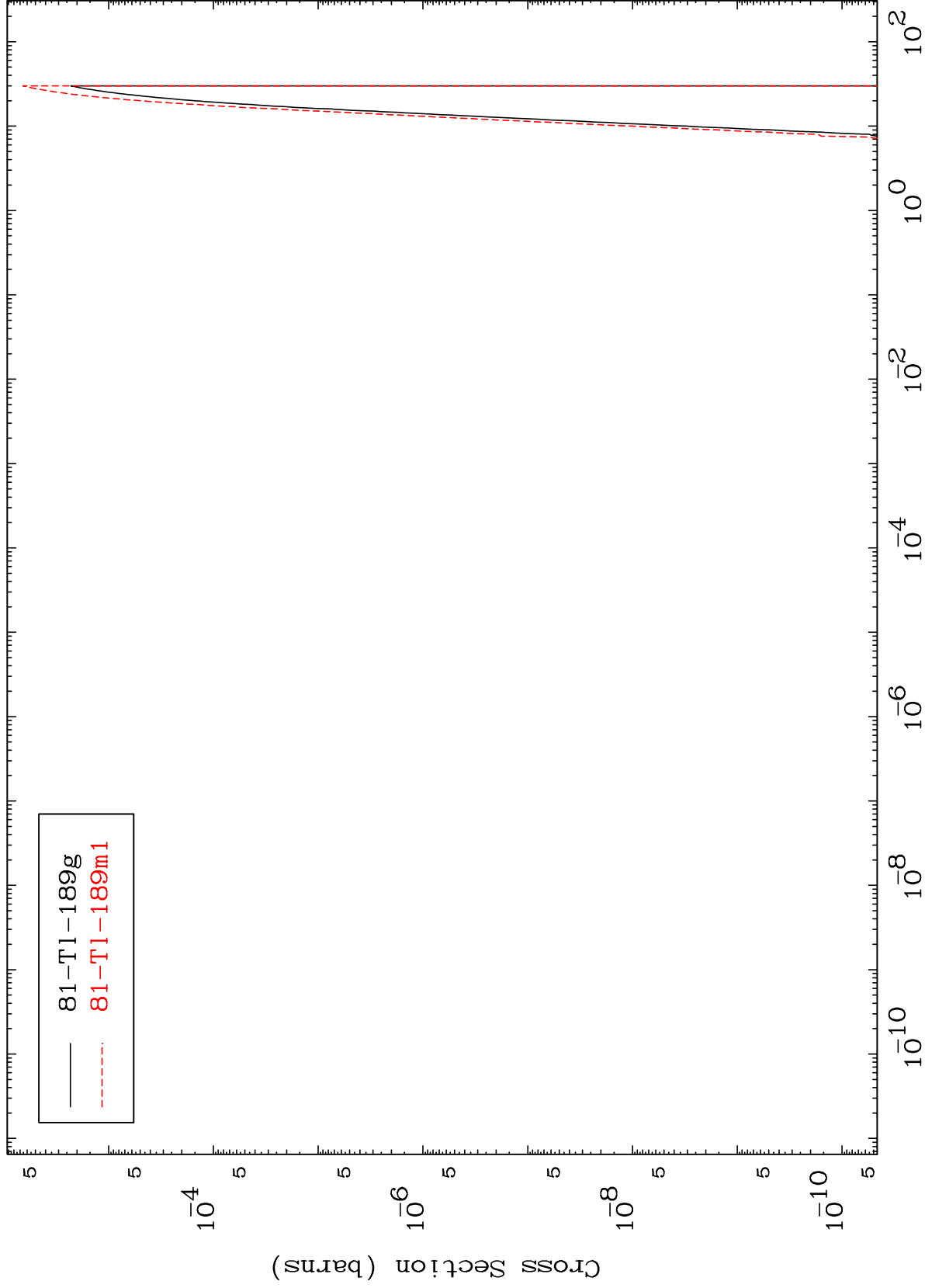


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(n,He-3)

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Radionuclide Production Cross Section



40

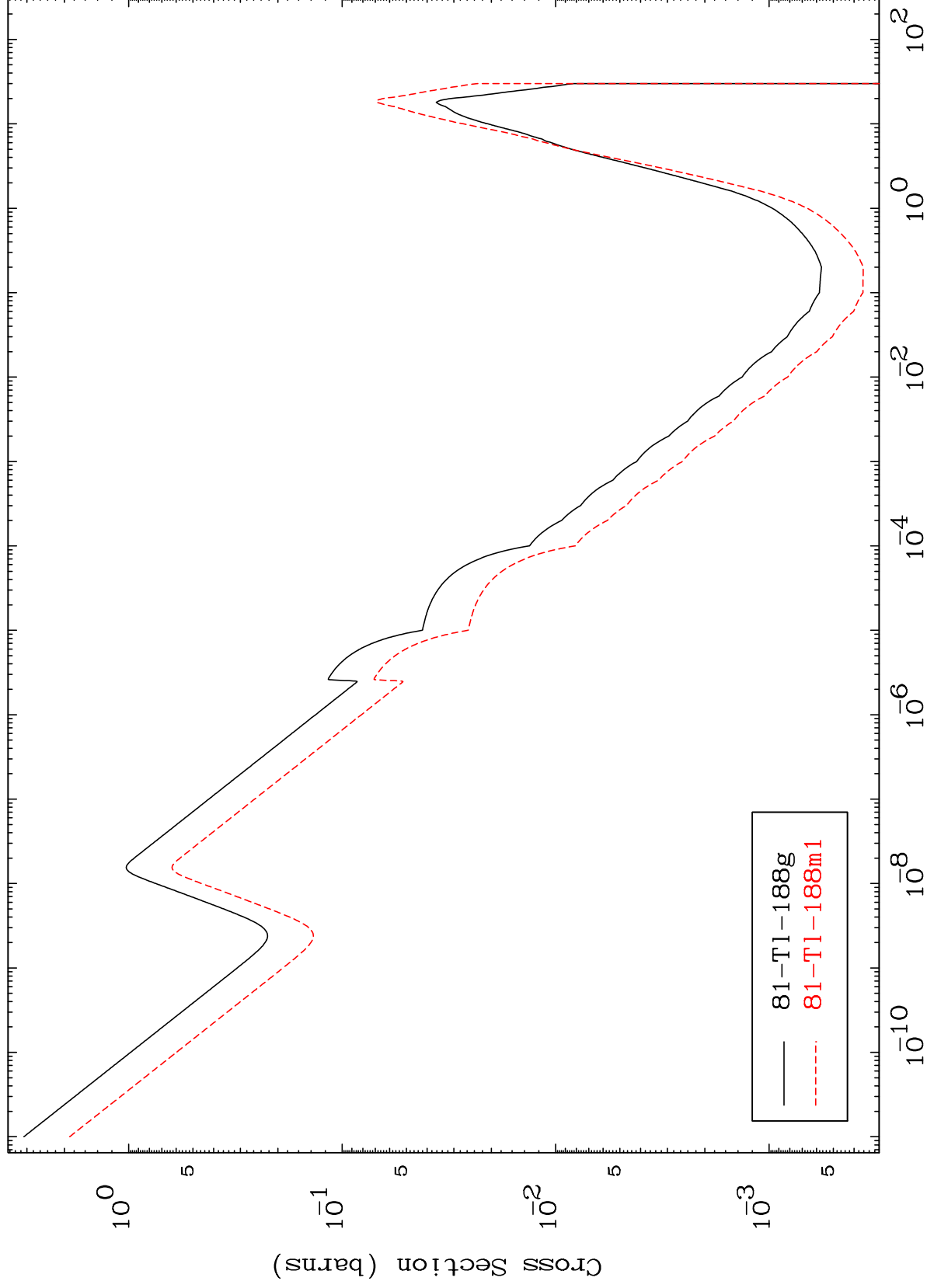
Incident Energy (MeV)

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(n, α)
Radionuclide Production Cross Section



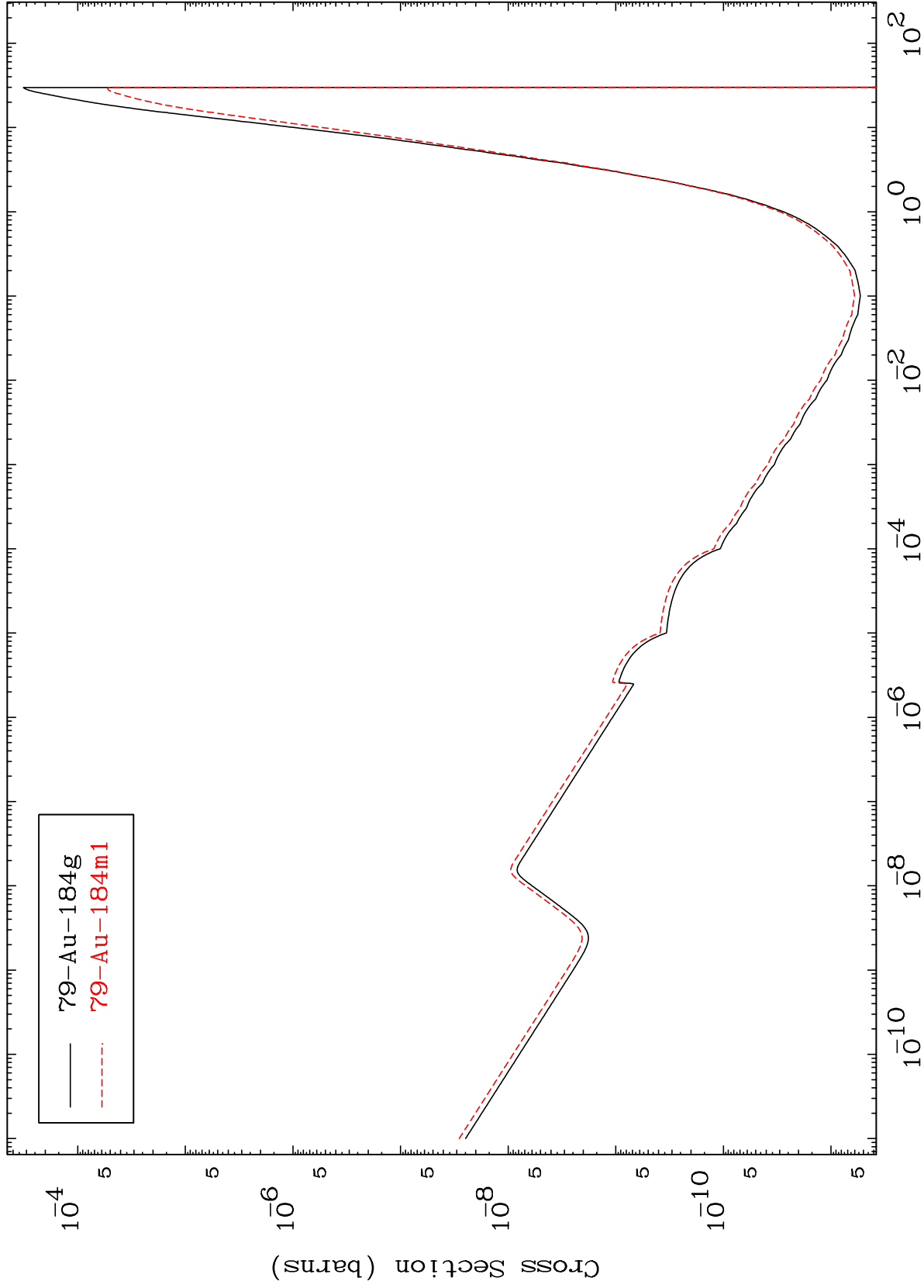
41

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83-Bi-191

(n,2α)
Radionuclide Production Cross Section



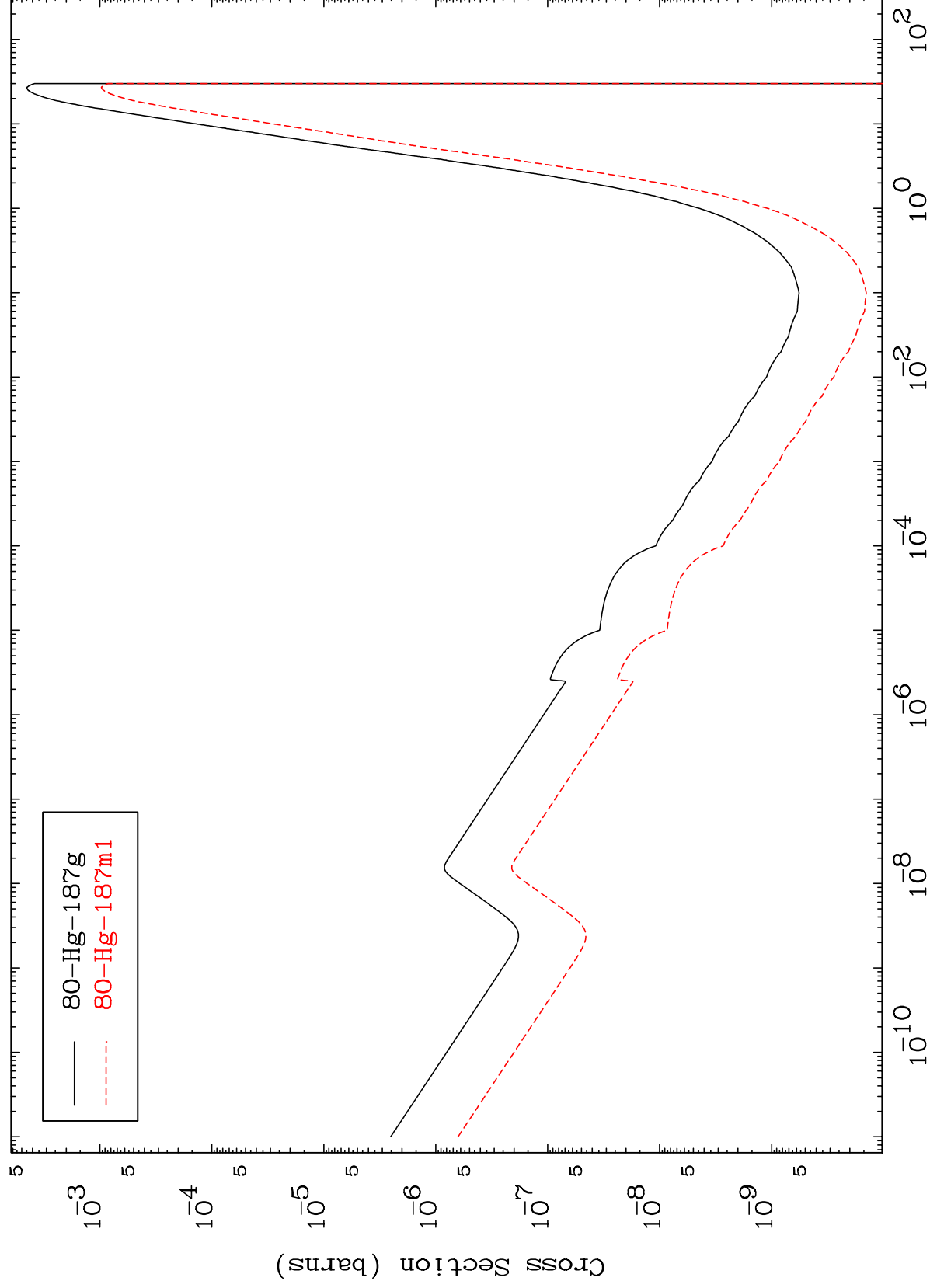
42

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83-Bi-191

(n,p) α
Radionuclide Production Cross Section



43

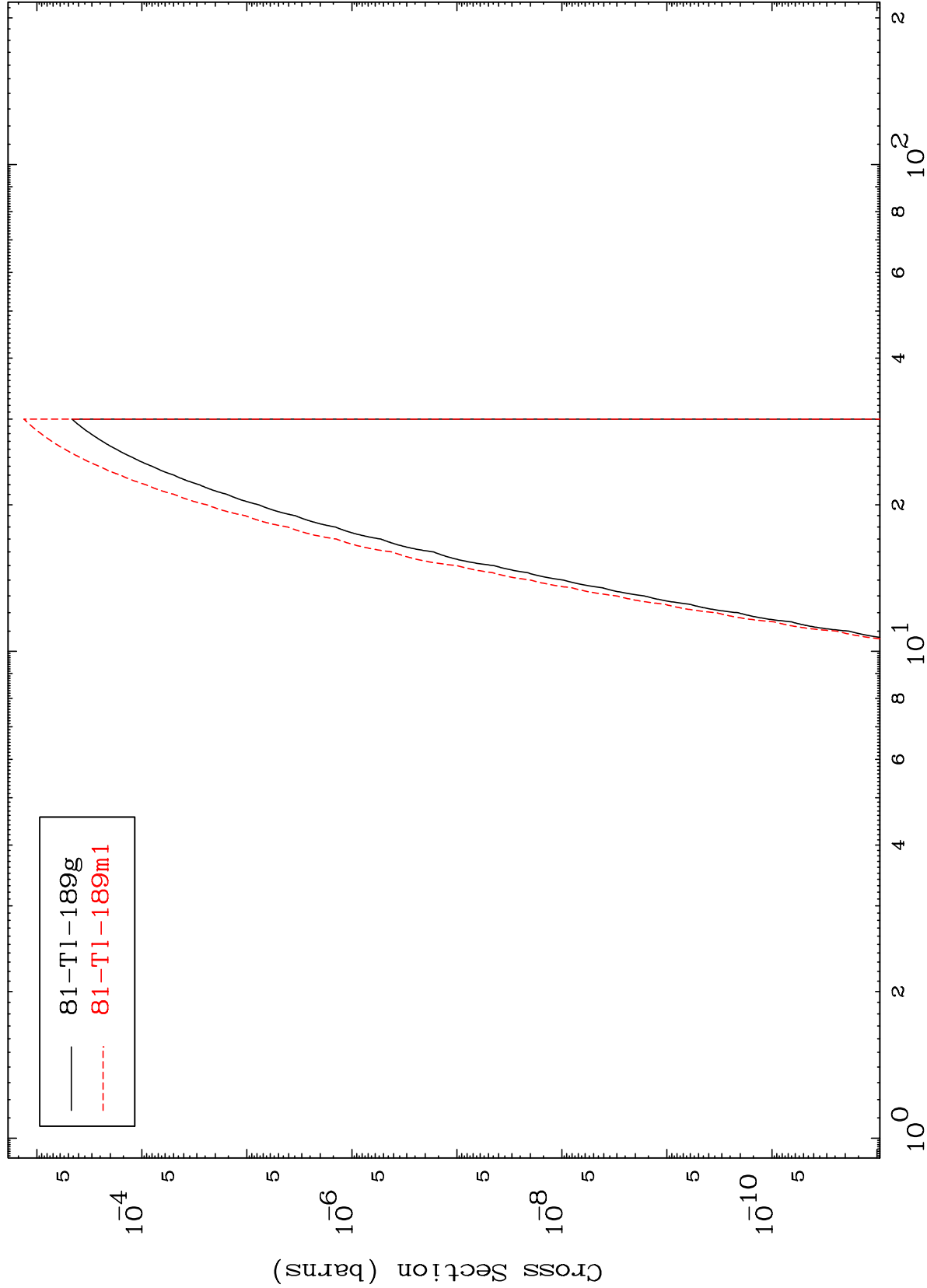
83-Bi-191

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(n,p) d

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Radionuclide Production Cross Section



Incident Energy (MeV)

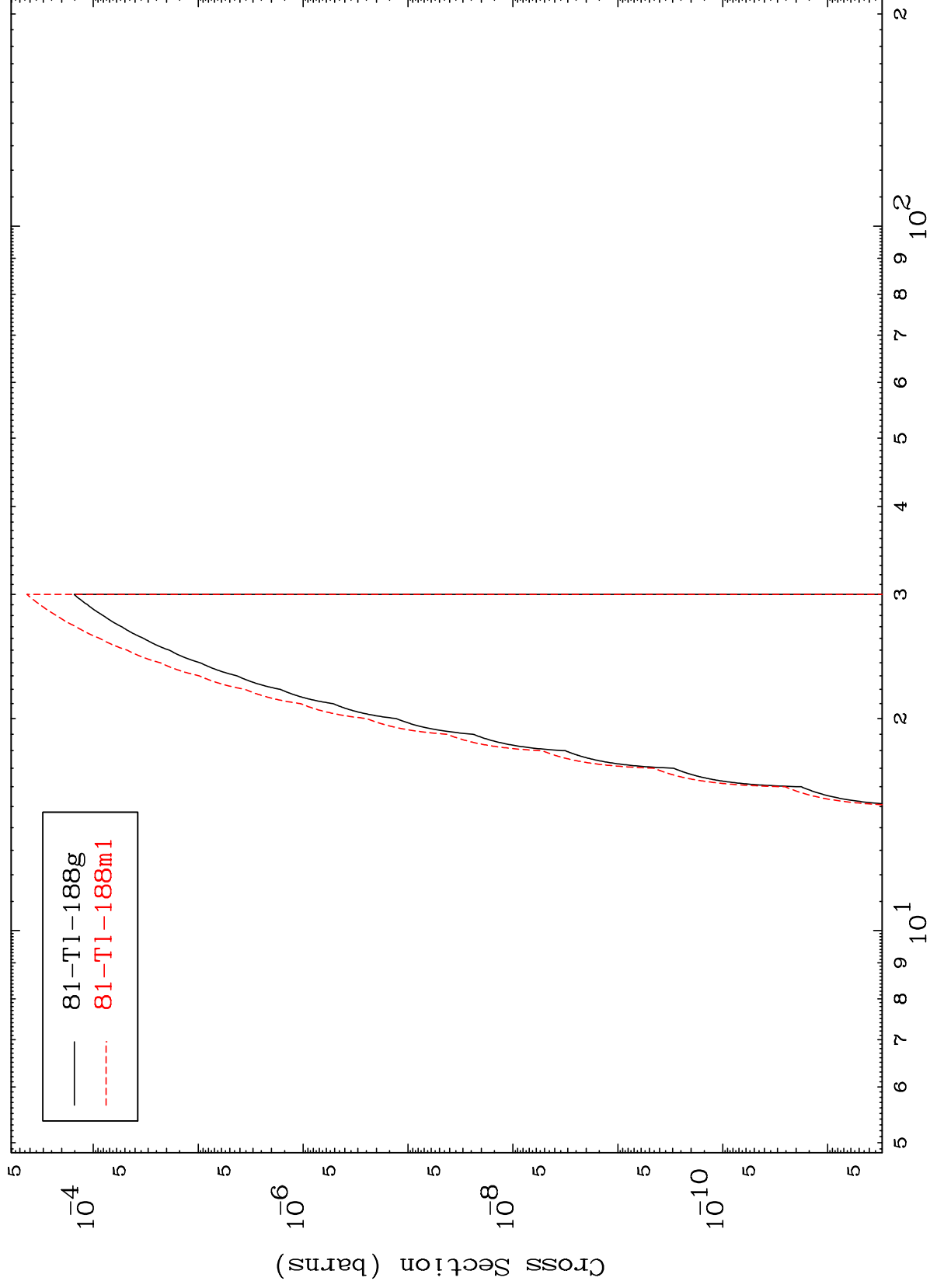
83-Bi-191

MAT 8271

83-Bi-191

(n,p) t

Radionuclide Production Cross Section



45

Incident Energy (MeV)

83-Bi-191