

Program EVALPLOT
(Version 2021-1)

by

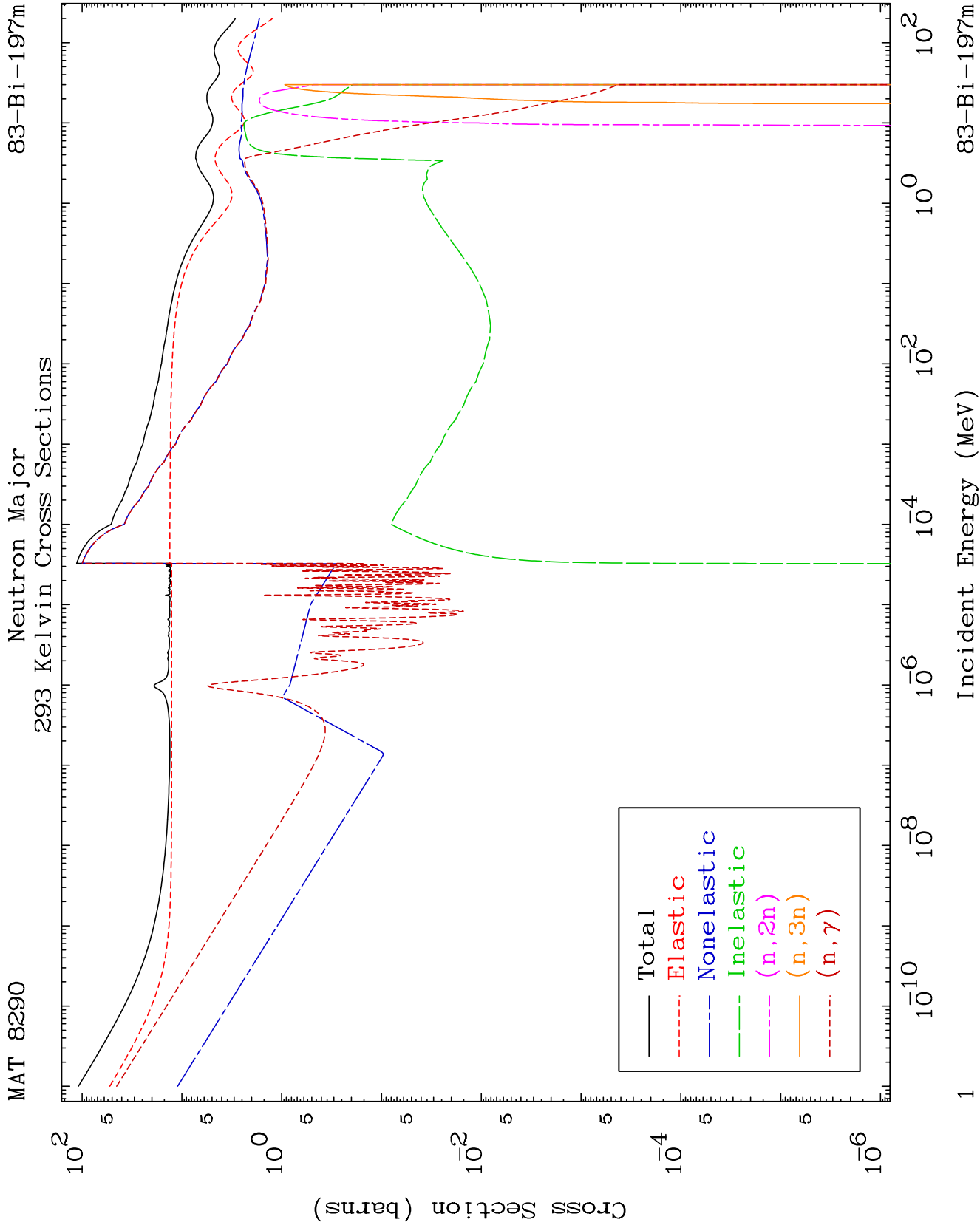
Dermott E. Cullen
(Present Contact Information)

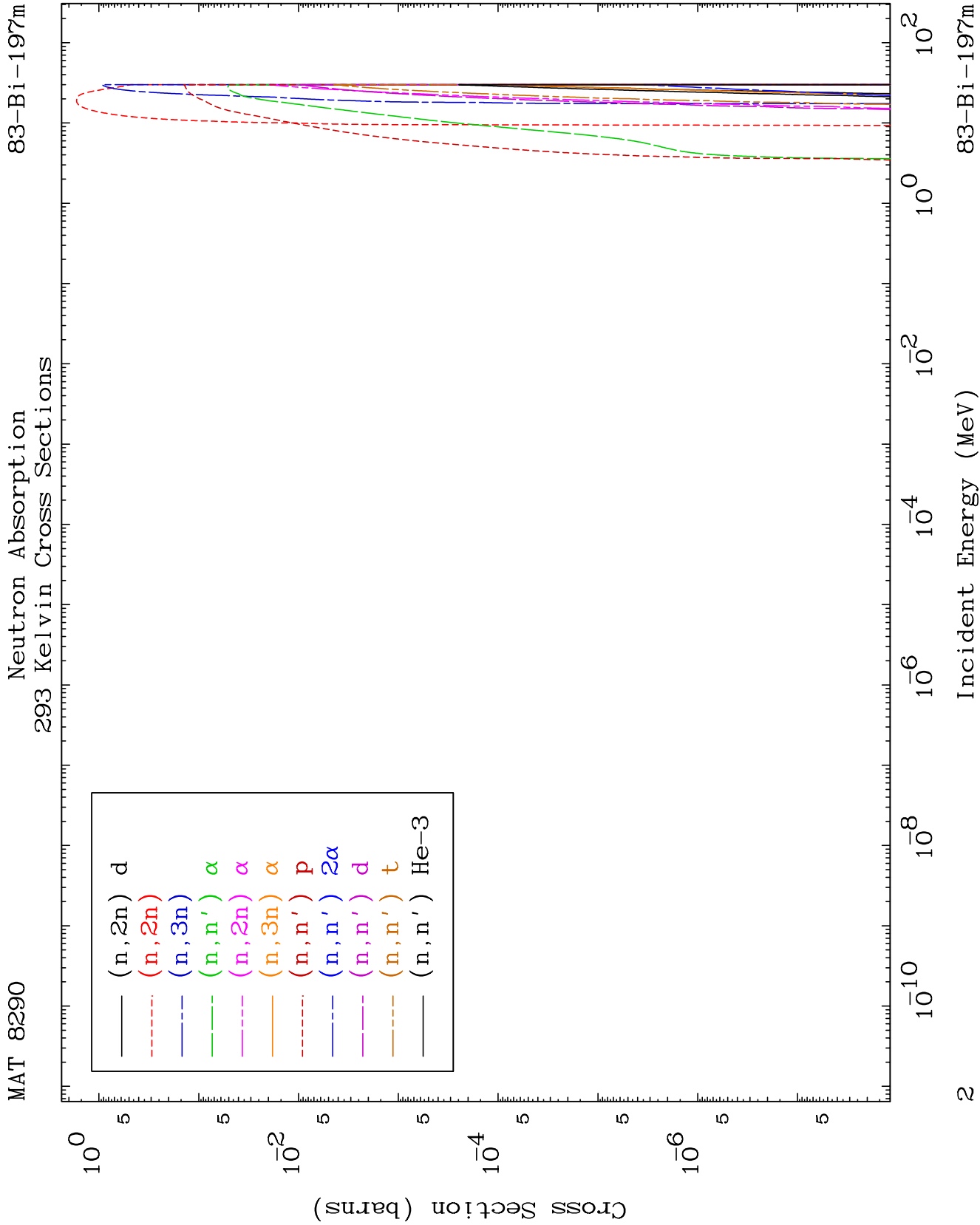
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

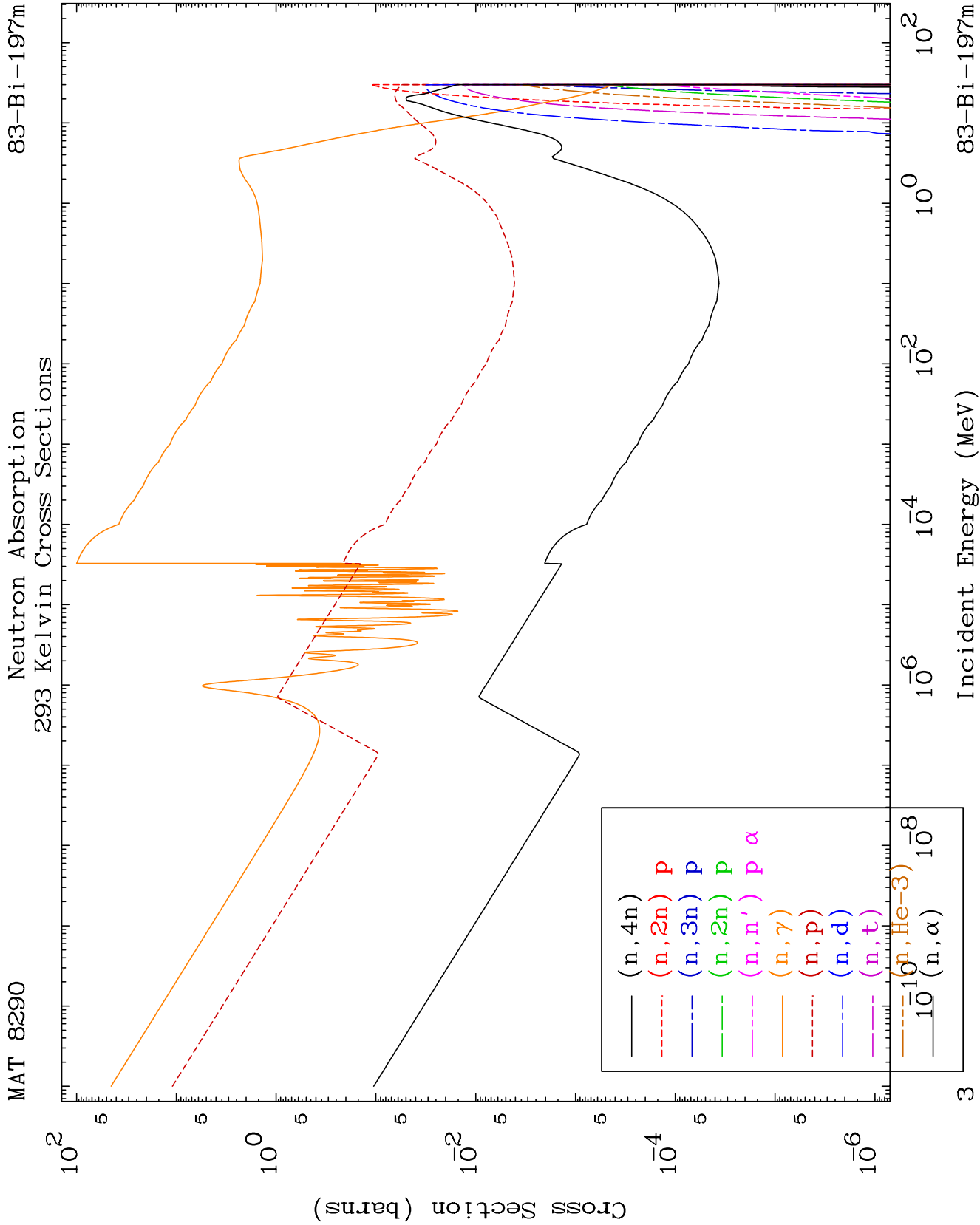
Tele: 925-443-1911

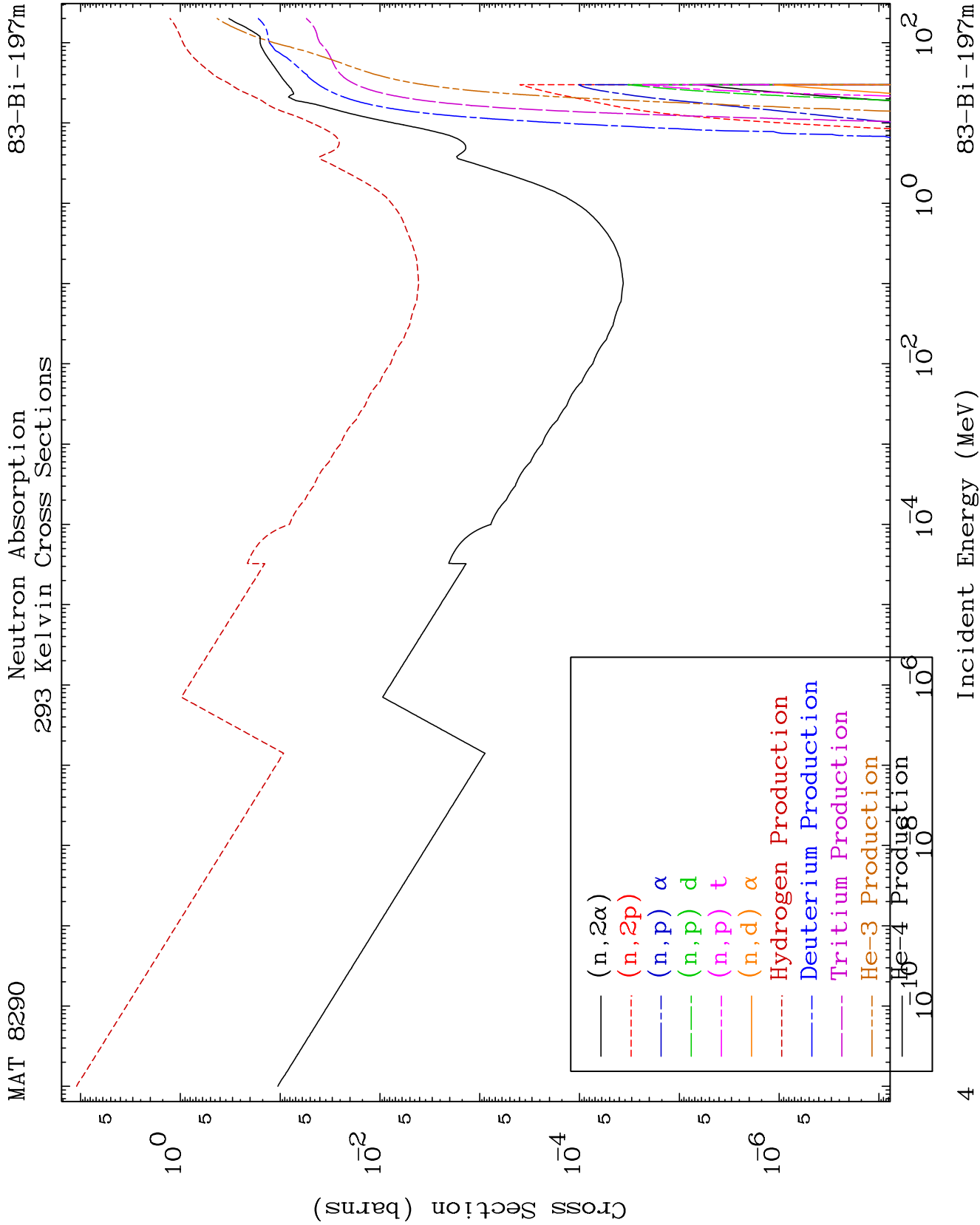
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

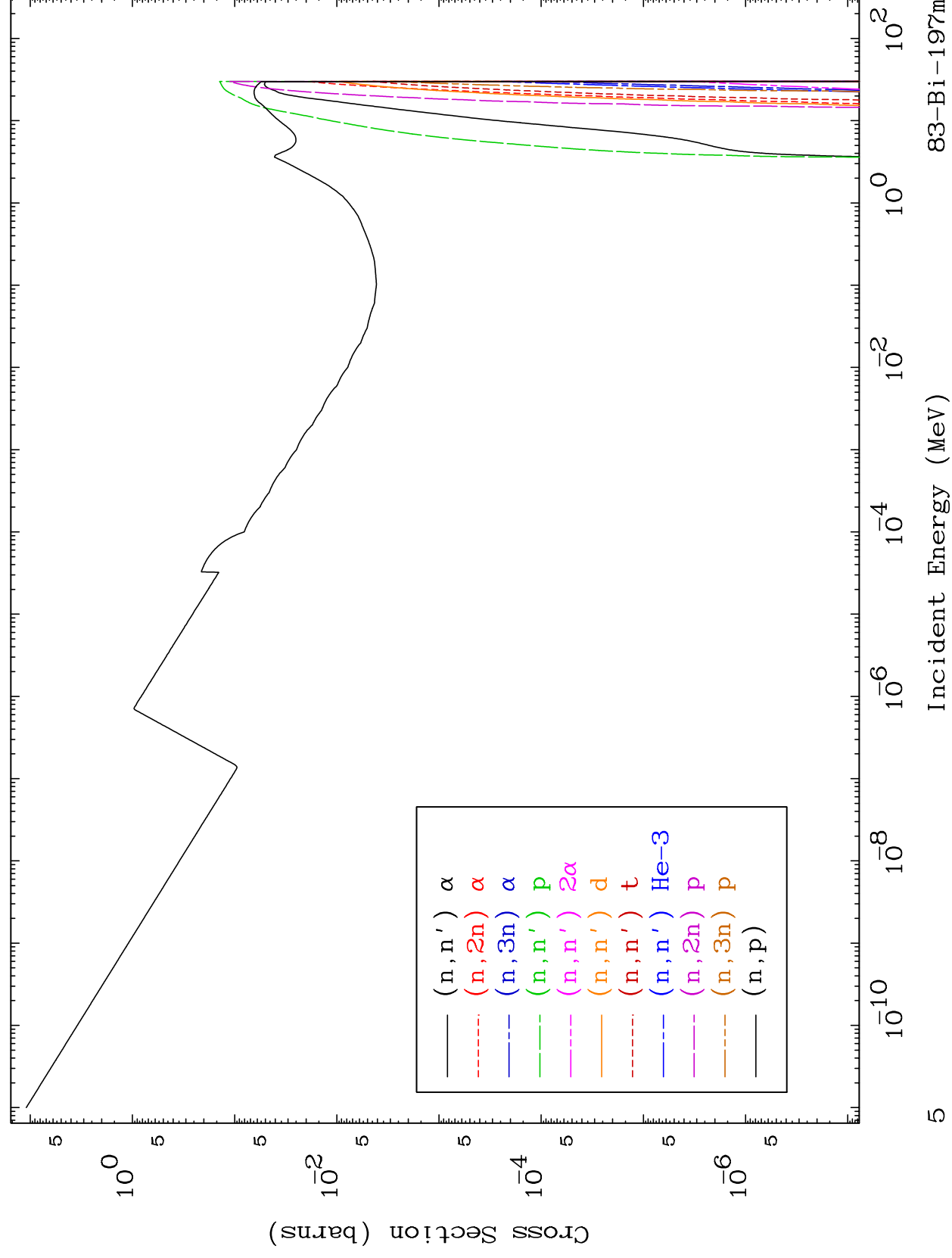
Press Mouse Button to Start

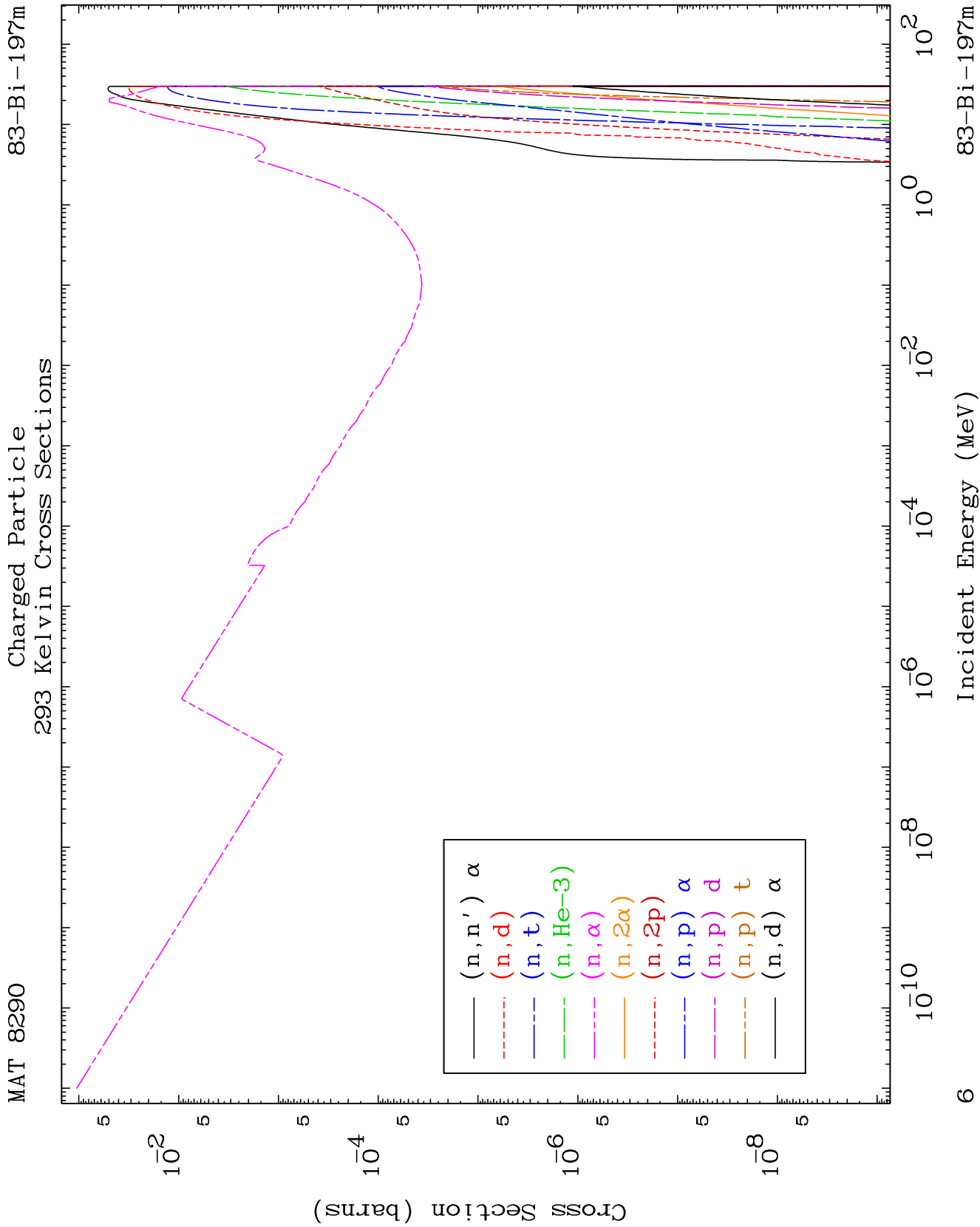


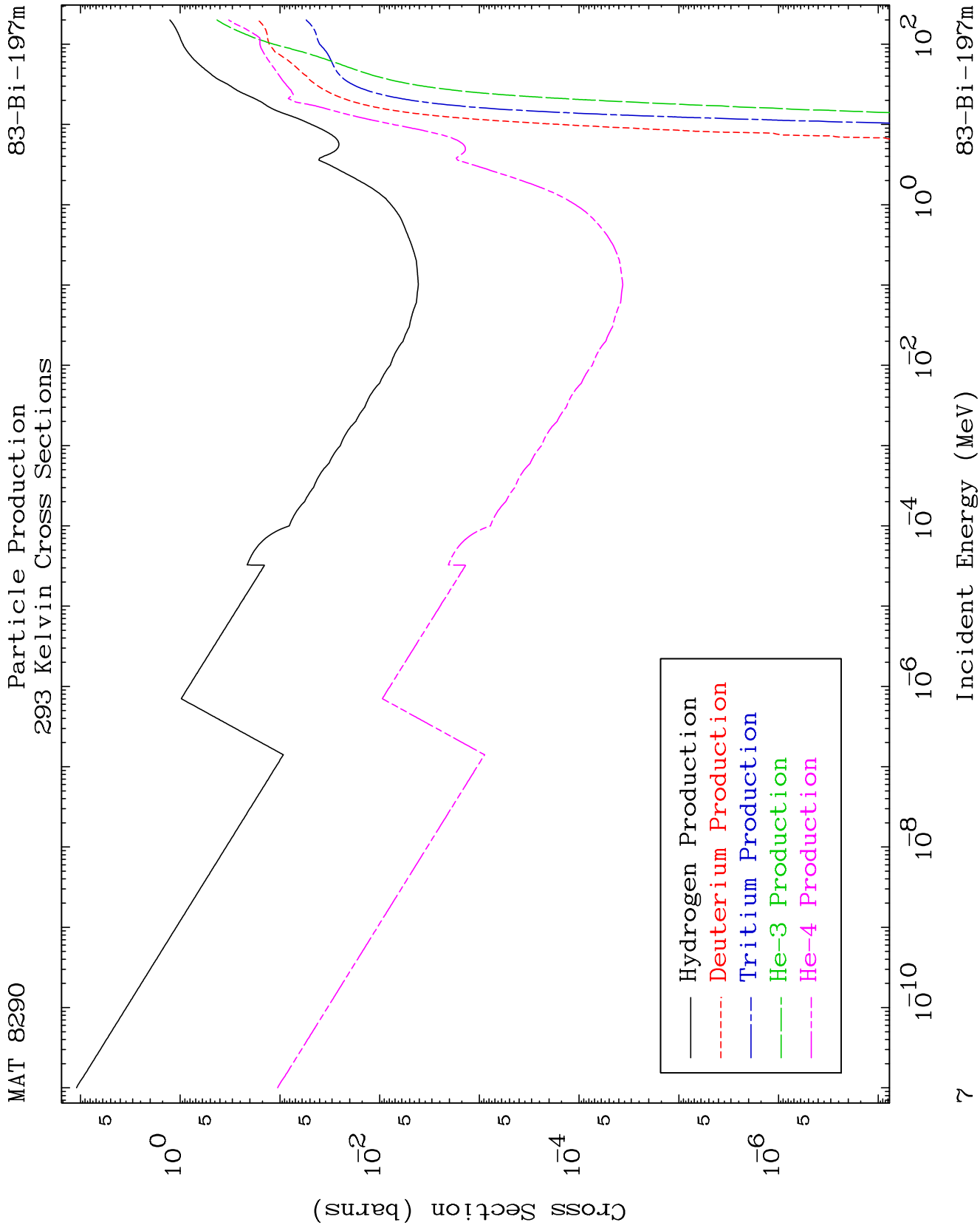








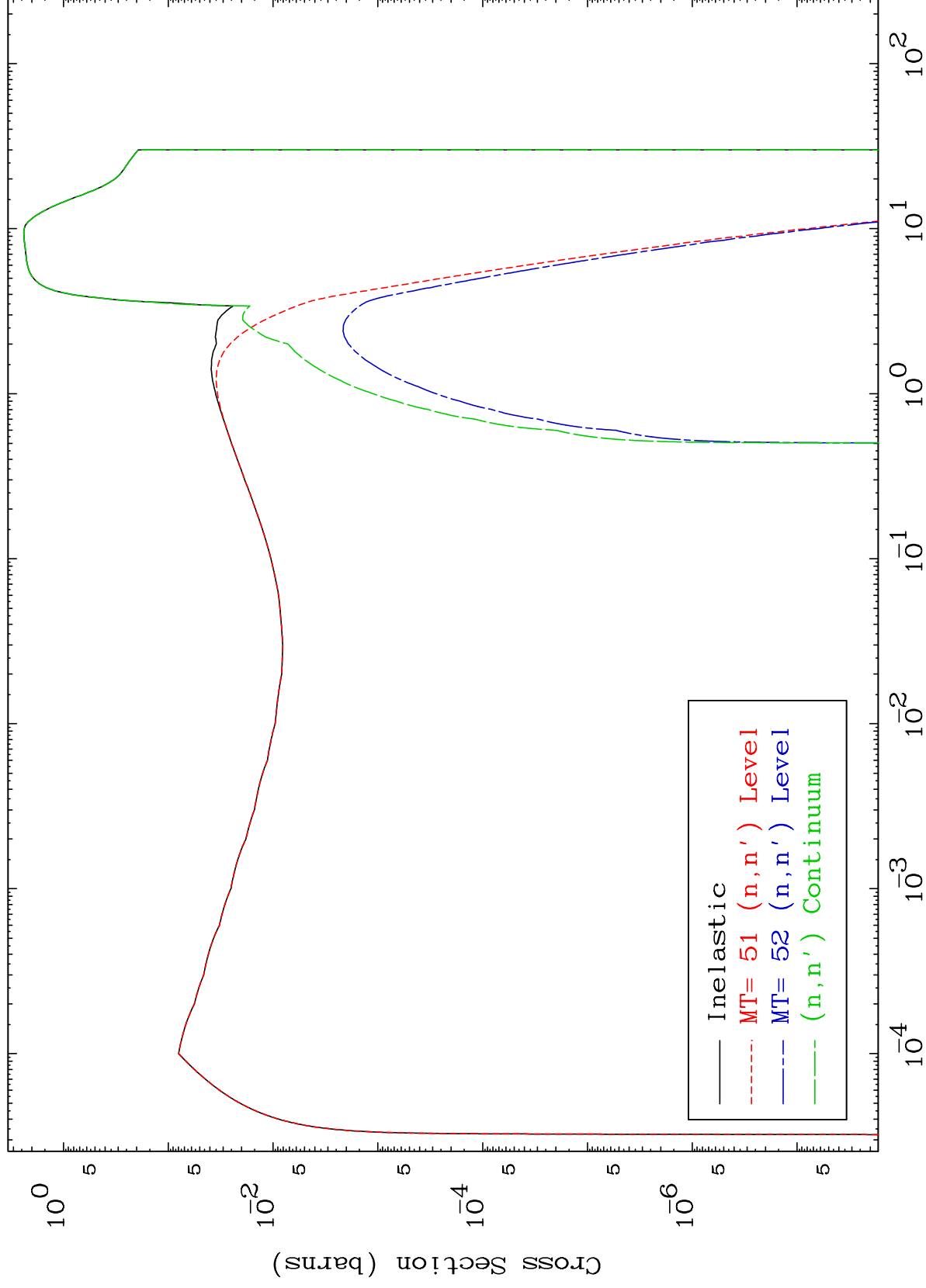


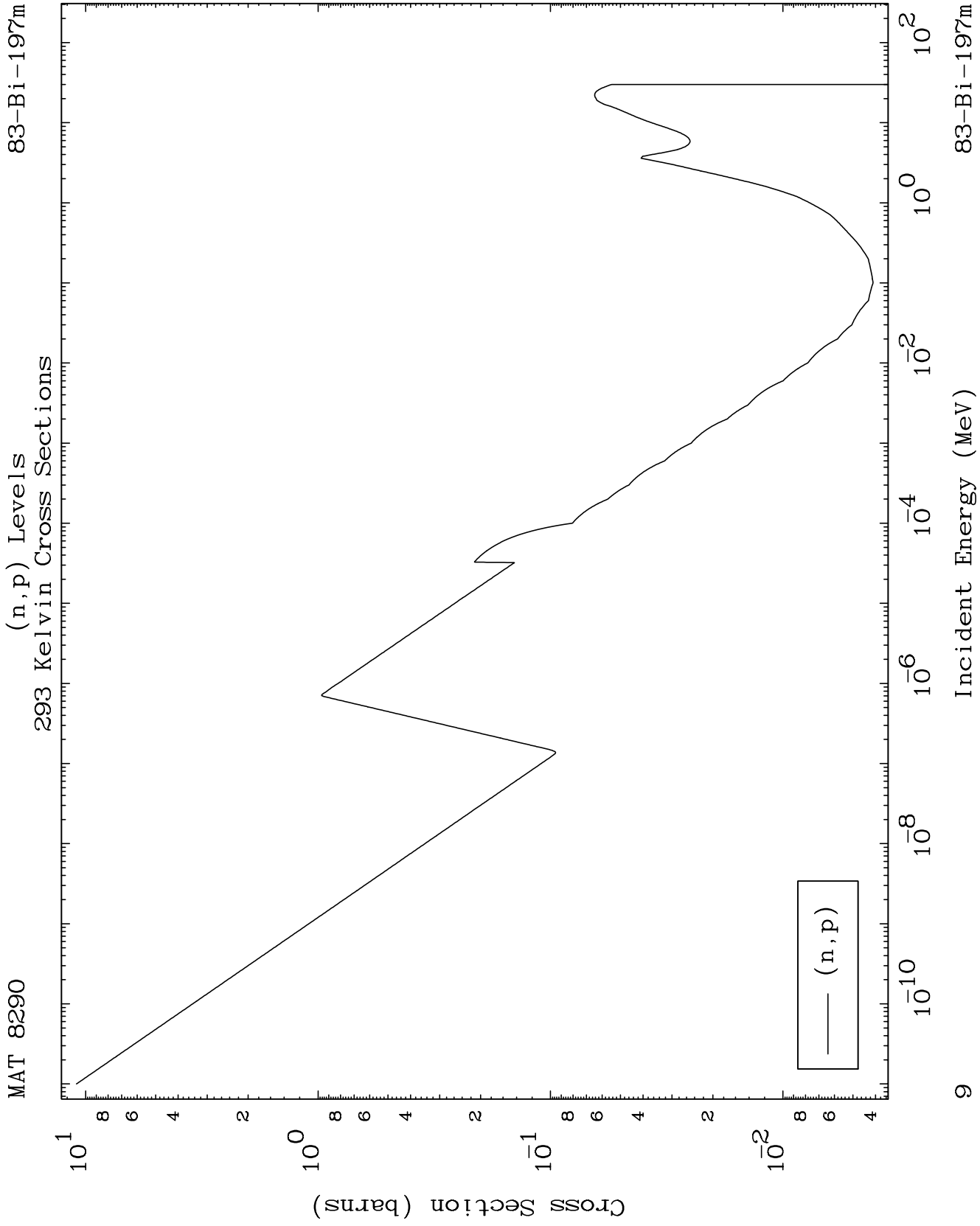


MAT 8290

(n,n') Levels
293 Kelvin Cross Sections

83-Bi-197m

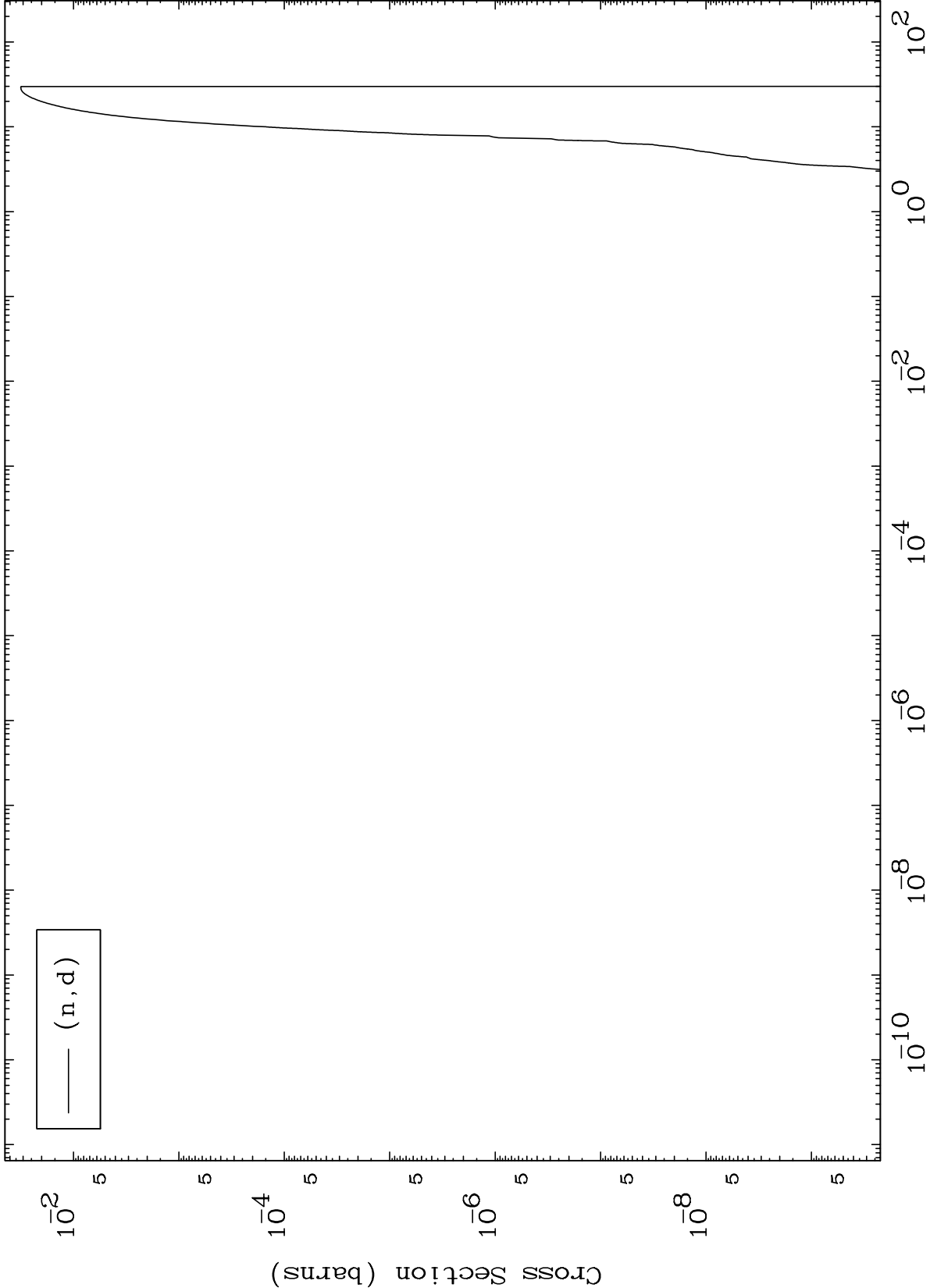




MAT 8290

(n,d) Levels
293 Kelvin Cross Sections

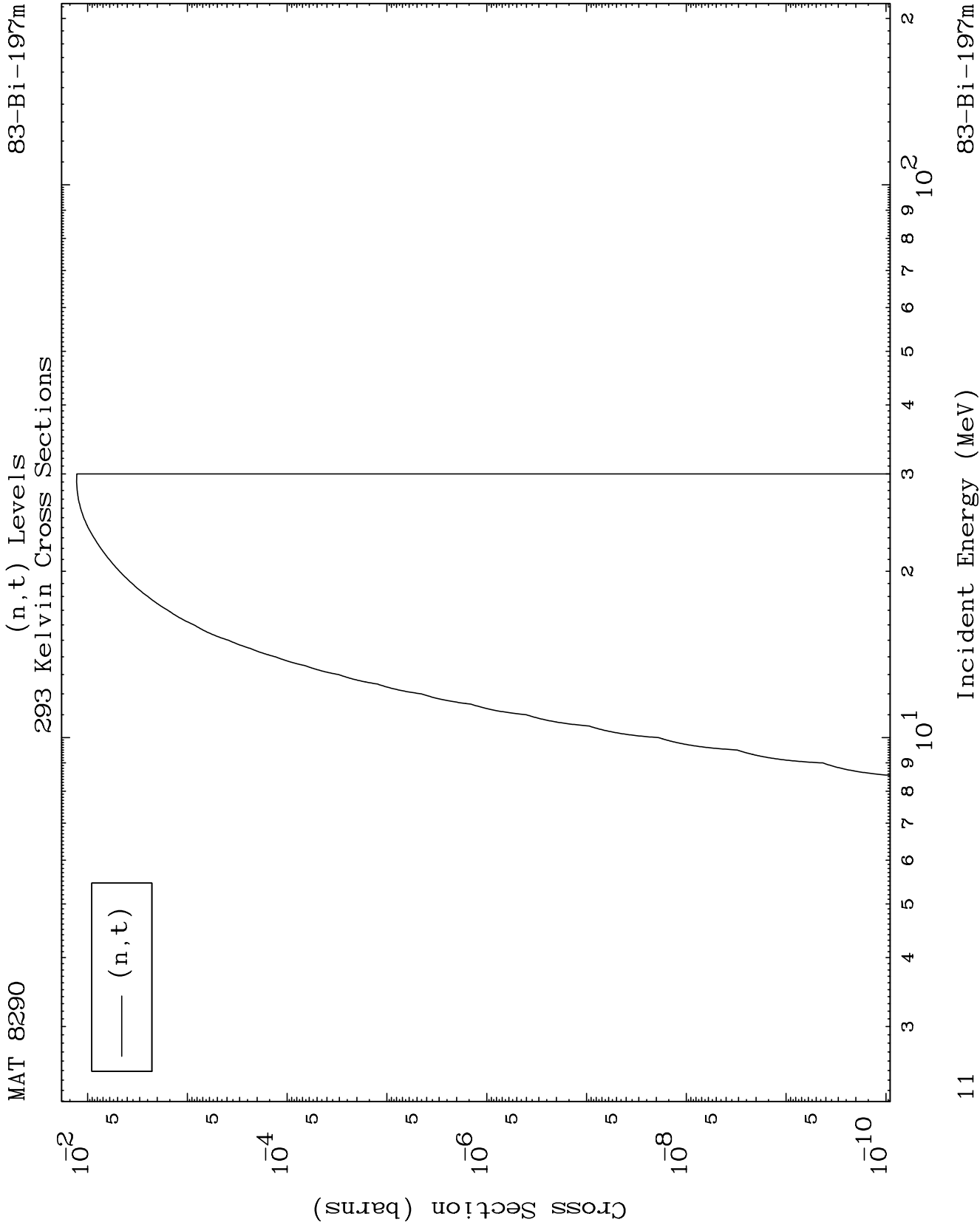
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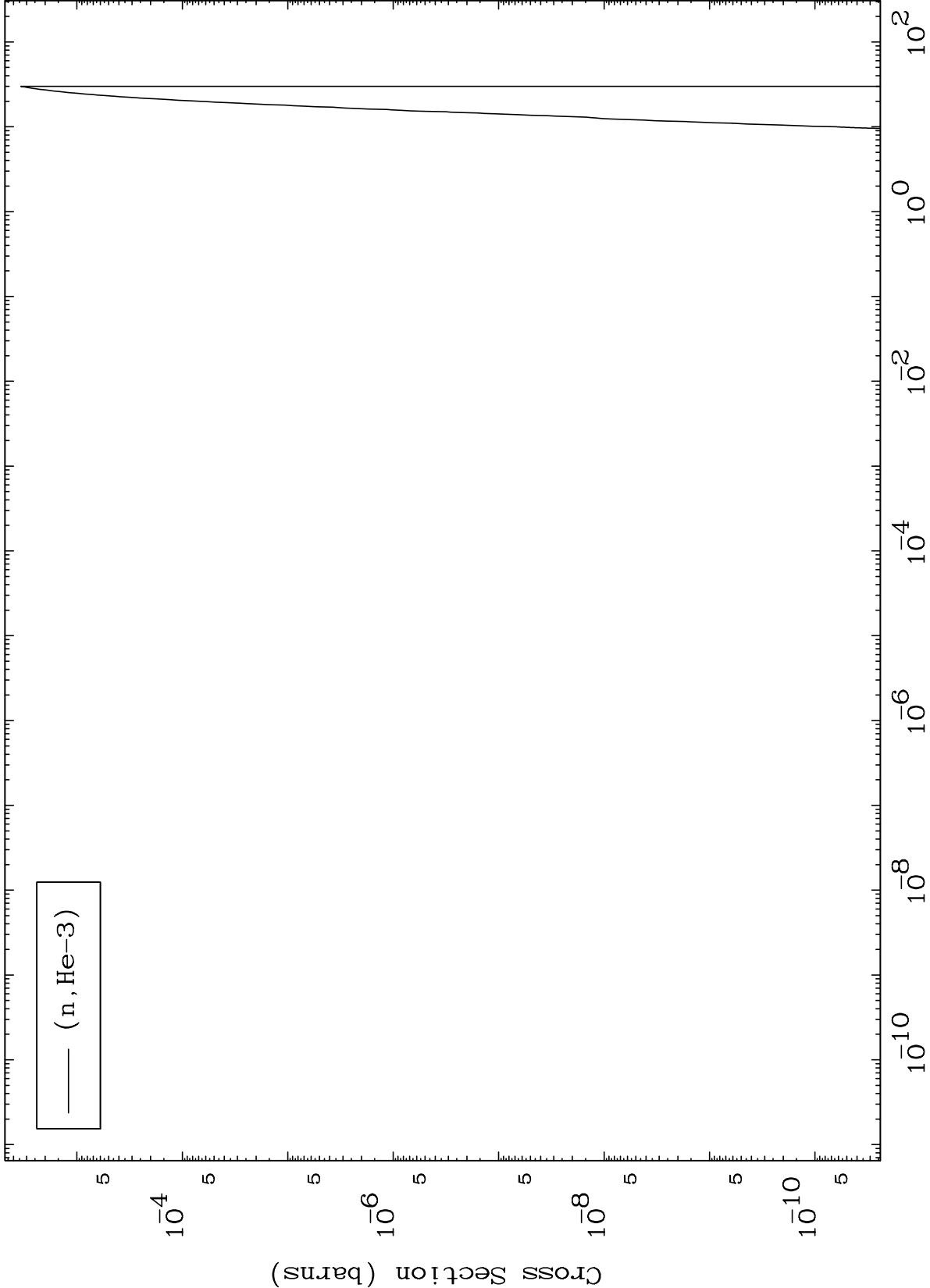


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Incident Energy (MeV)

83-Bi-197m

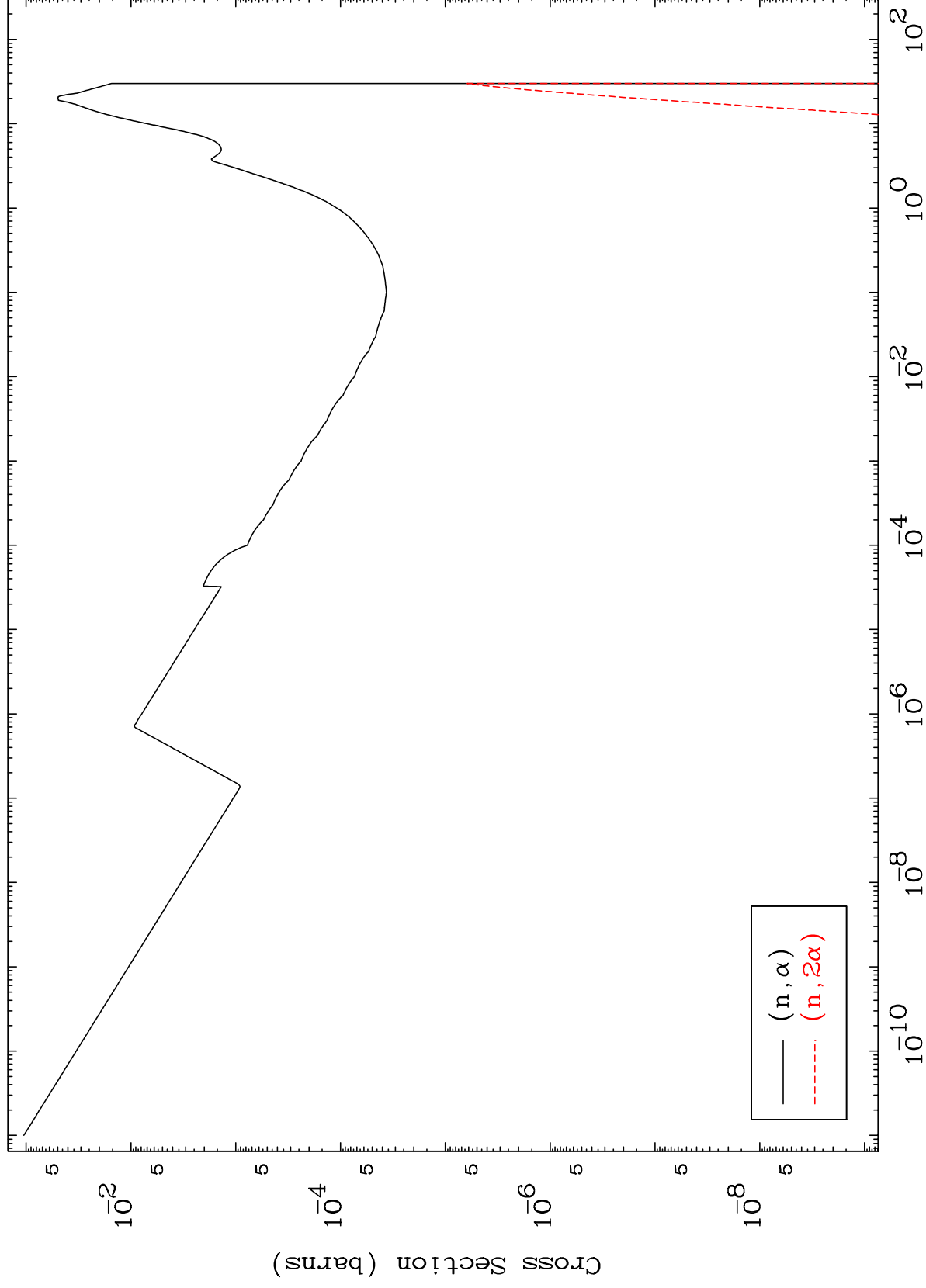




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(n, α) Levels
293 Kelvin Cross Sections

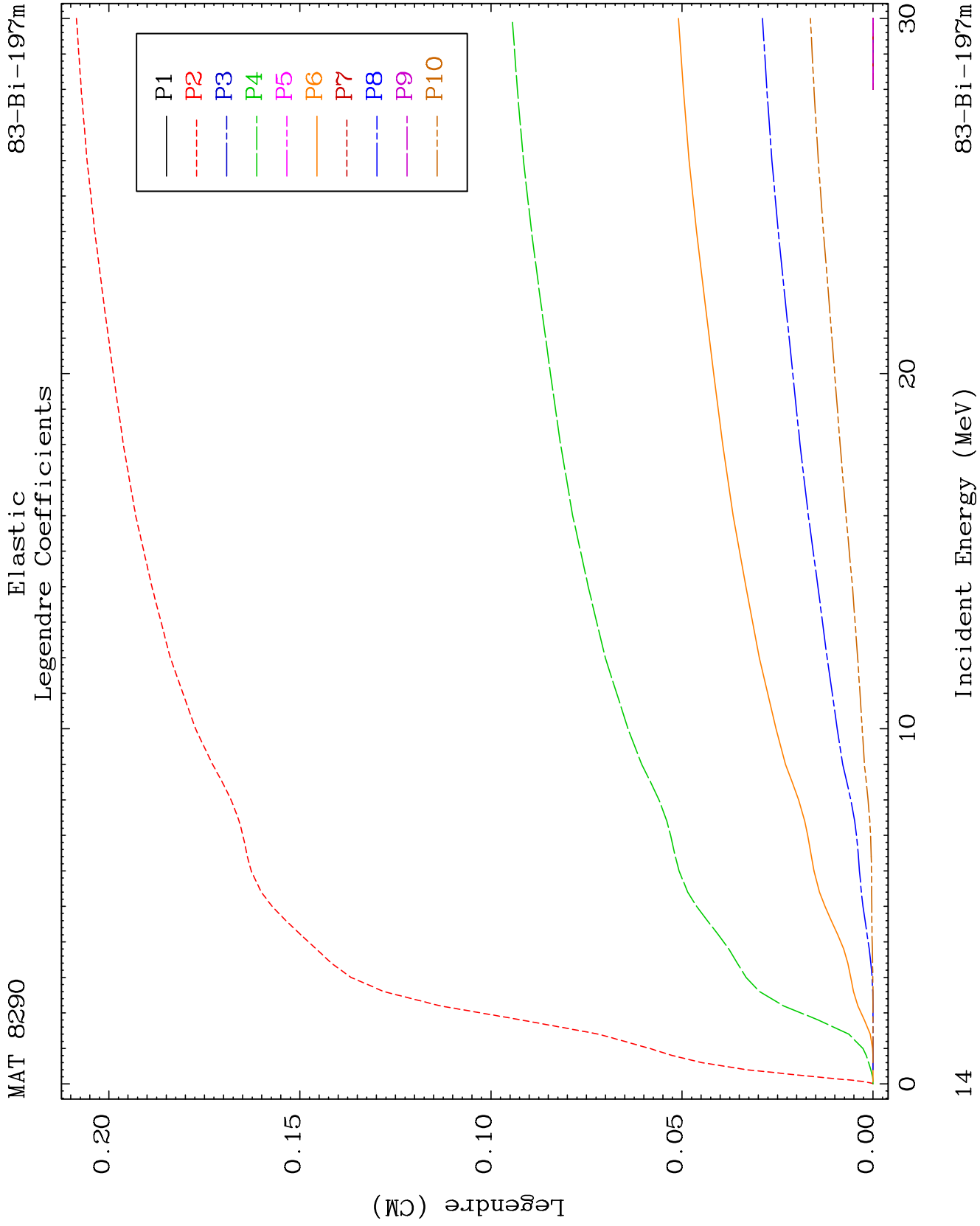
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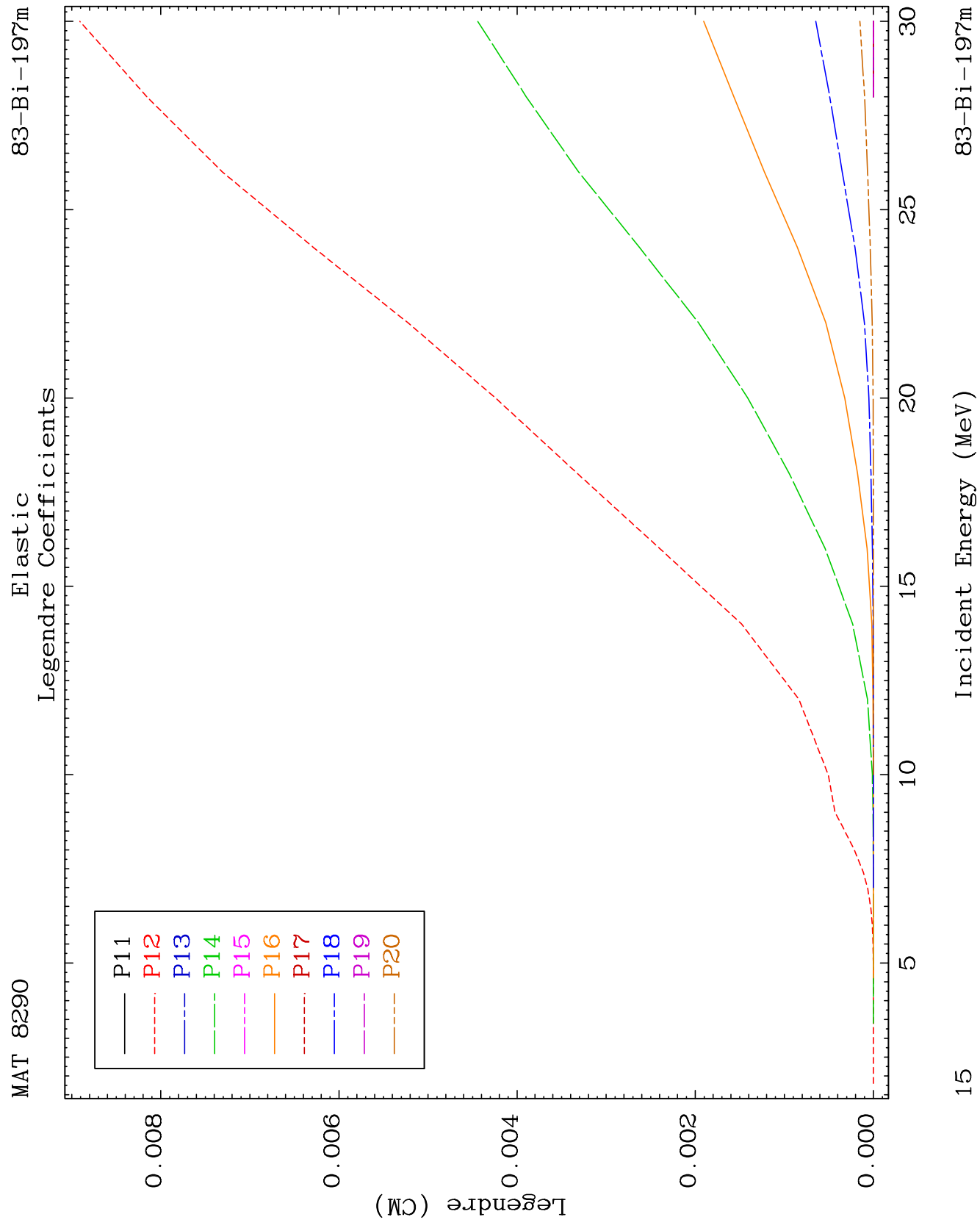


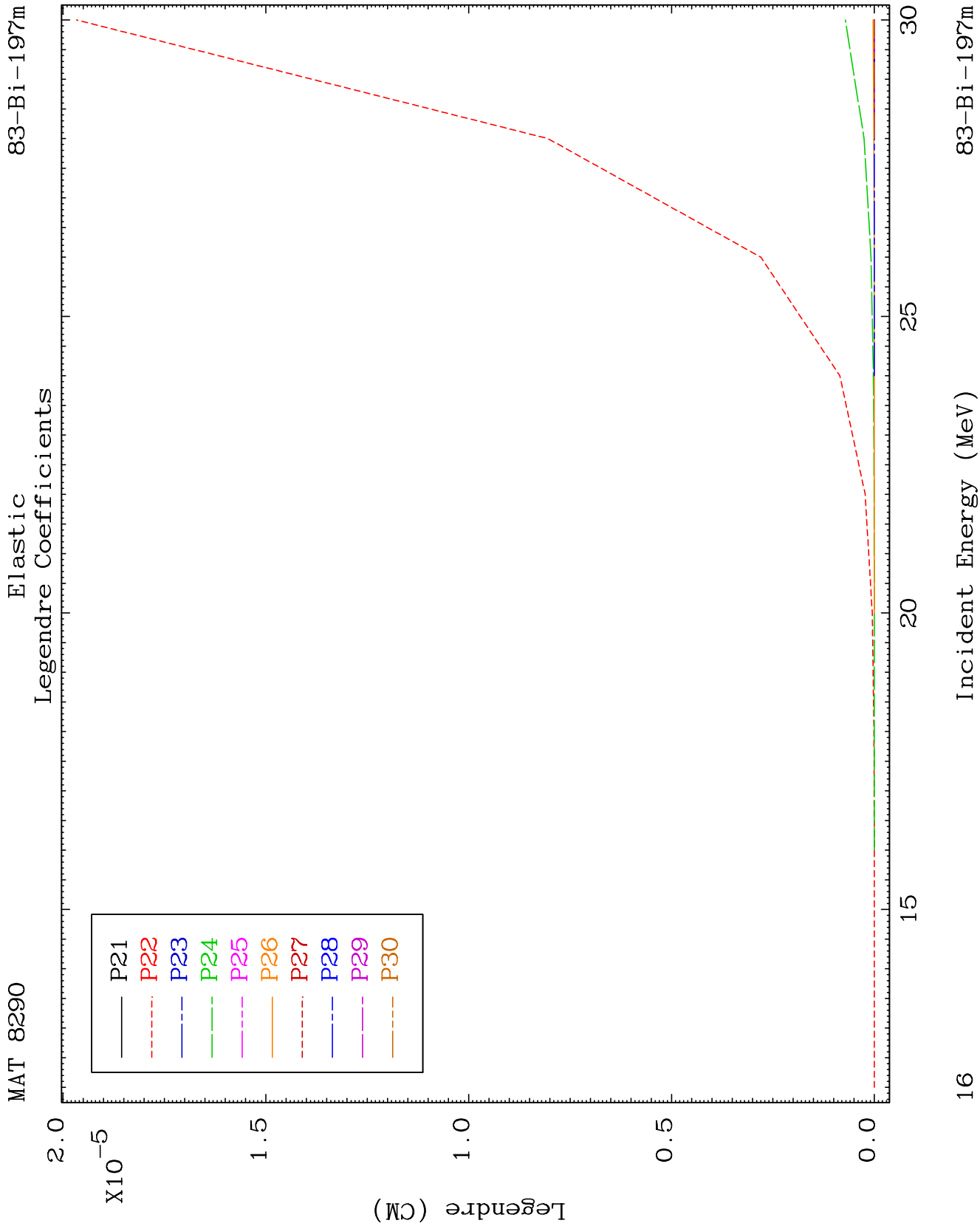
Incident Energy (MeV)

83-Bi-197m

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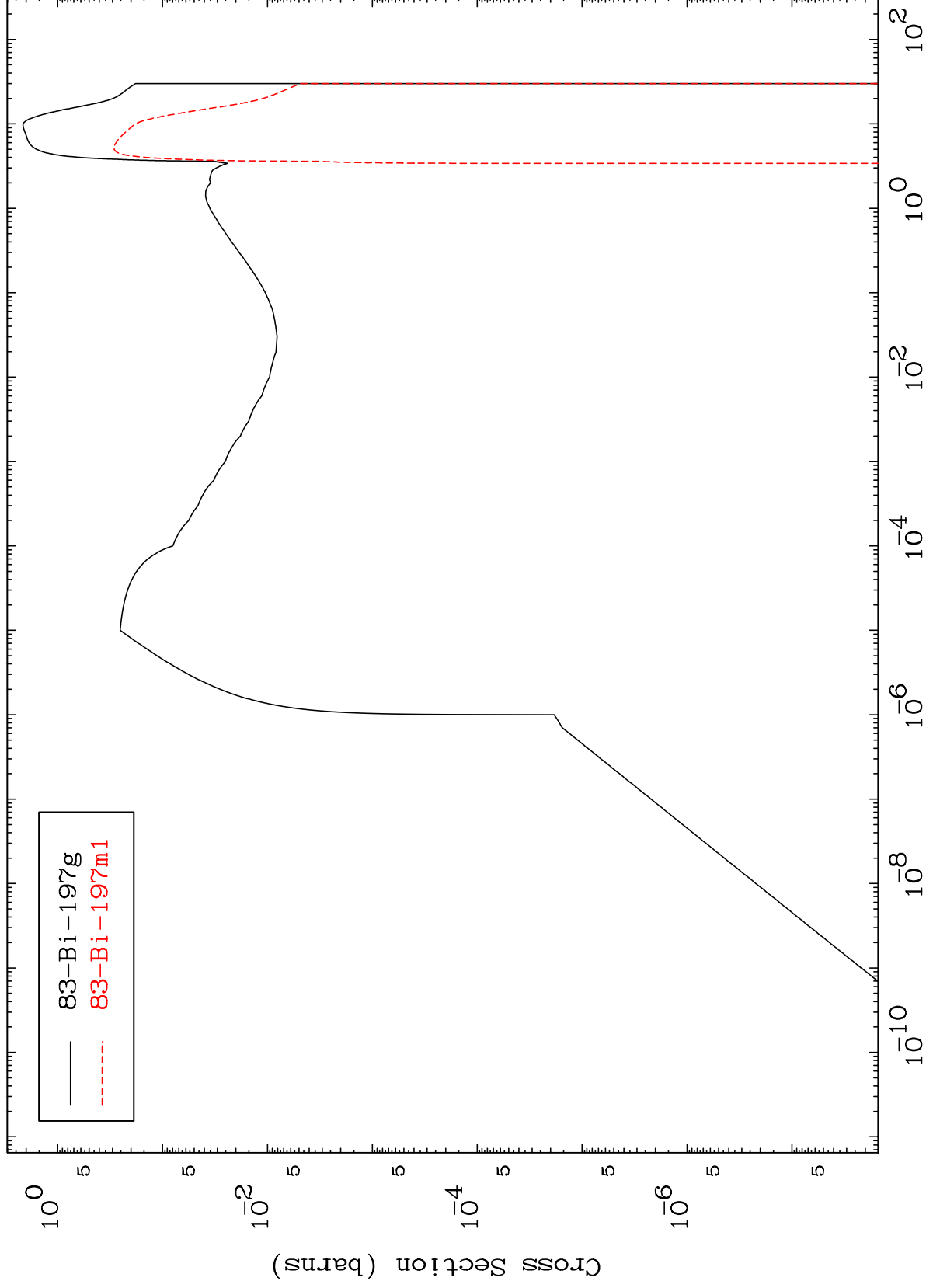




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Radionuclide Production Cross Section

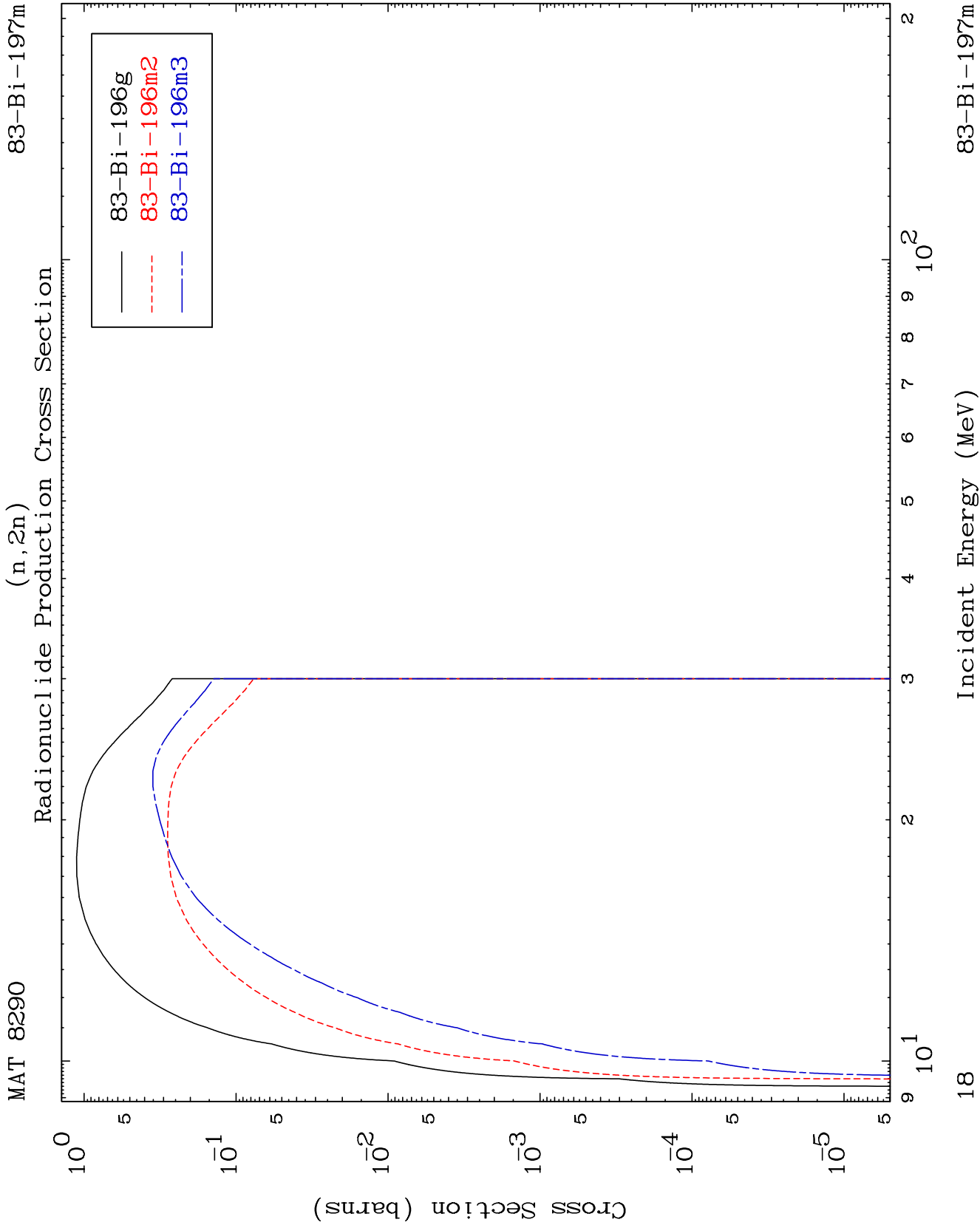
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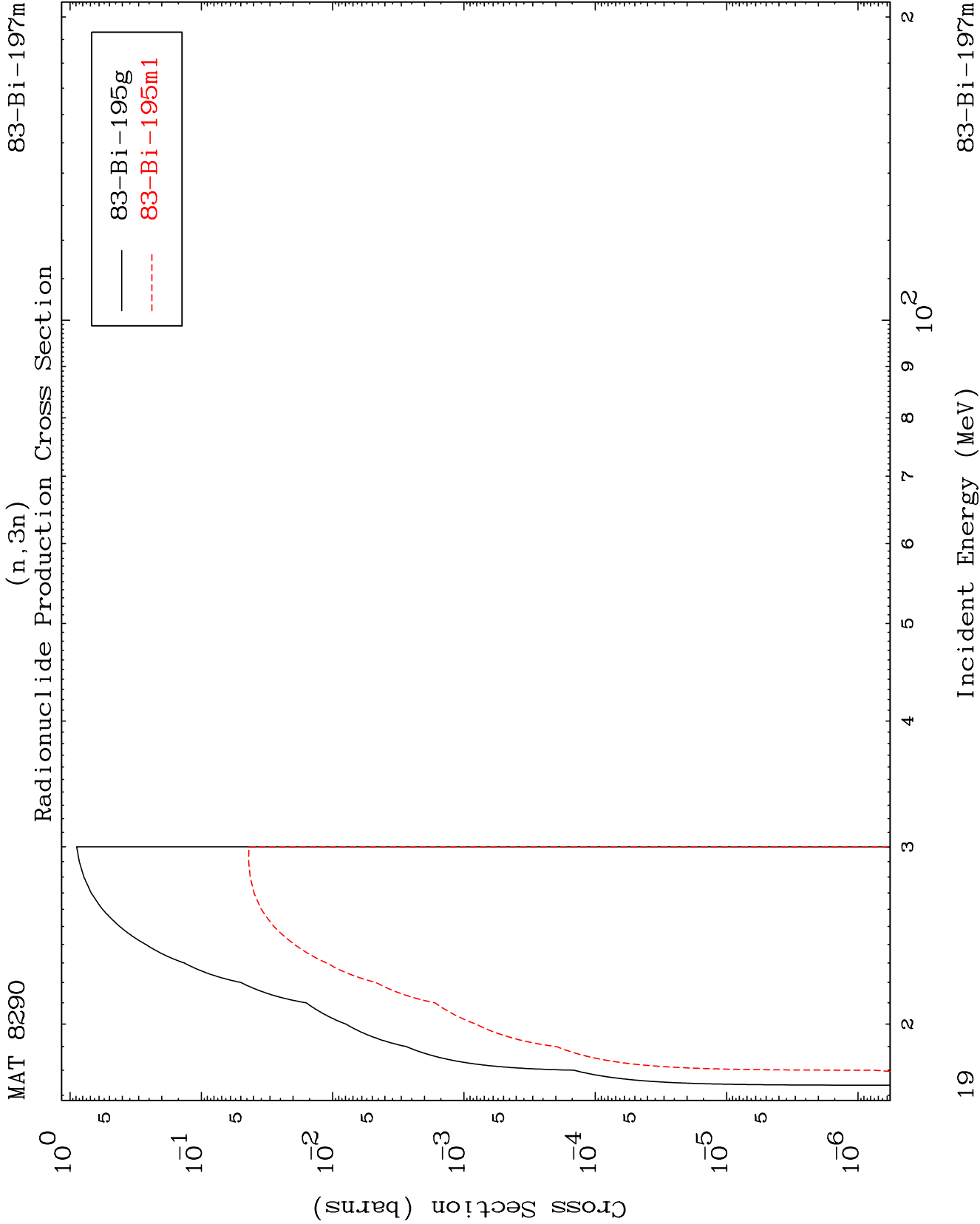


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Incident Energy (MeV)

83-Bi-197m



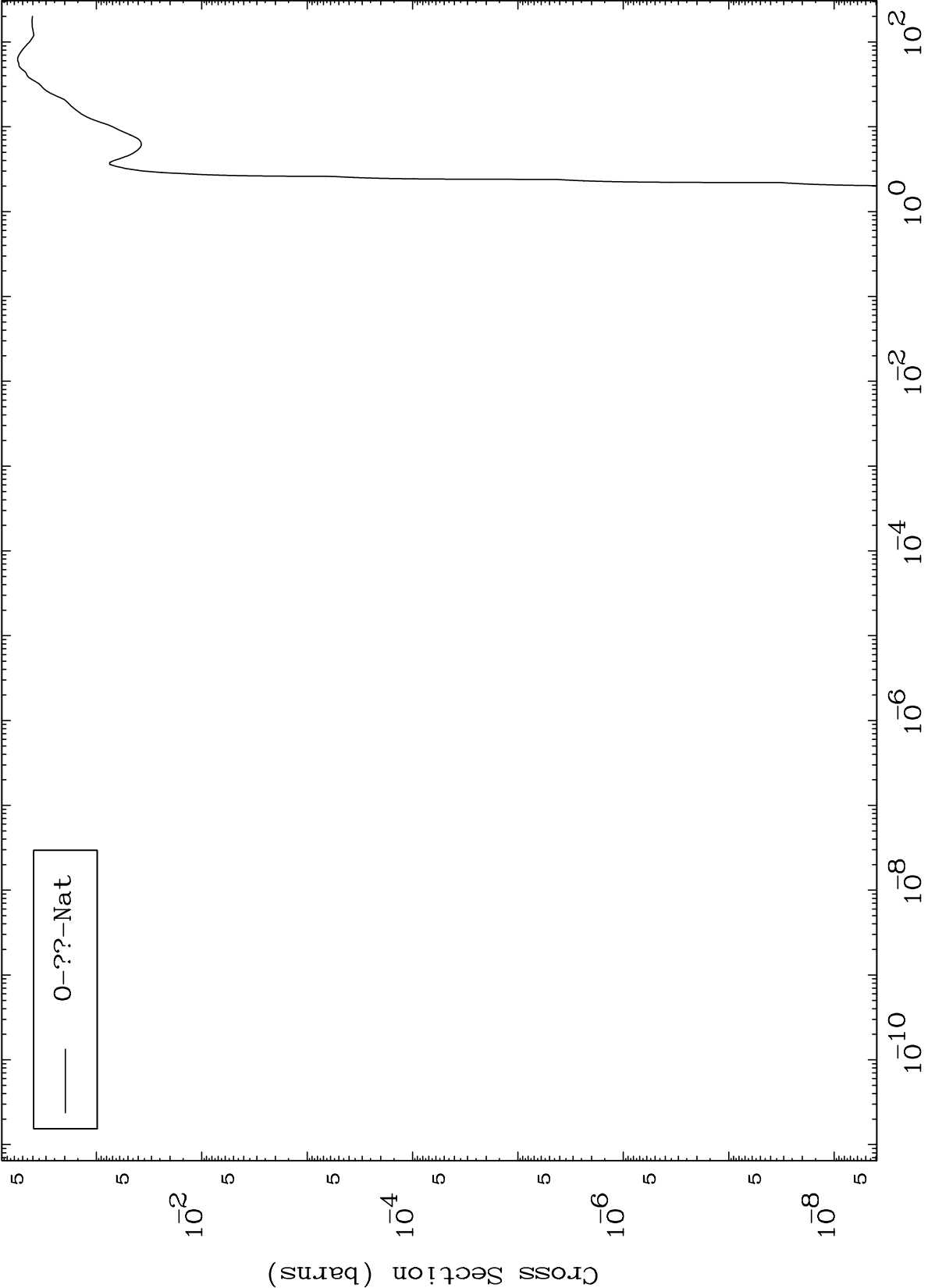


MAT 8290

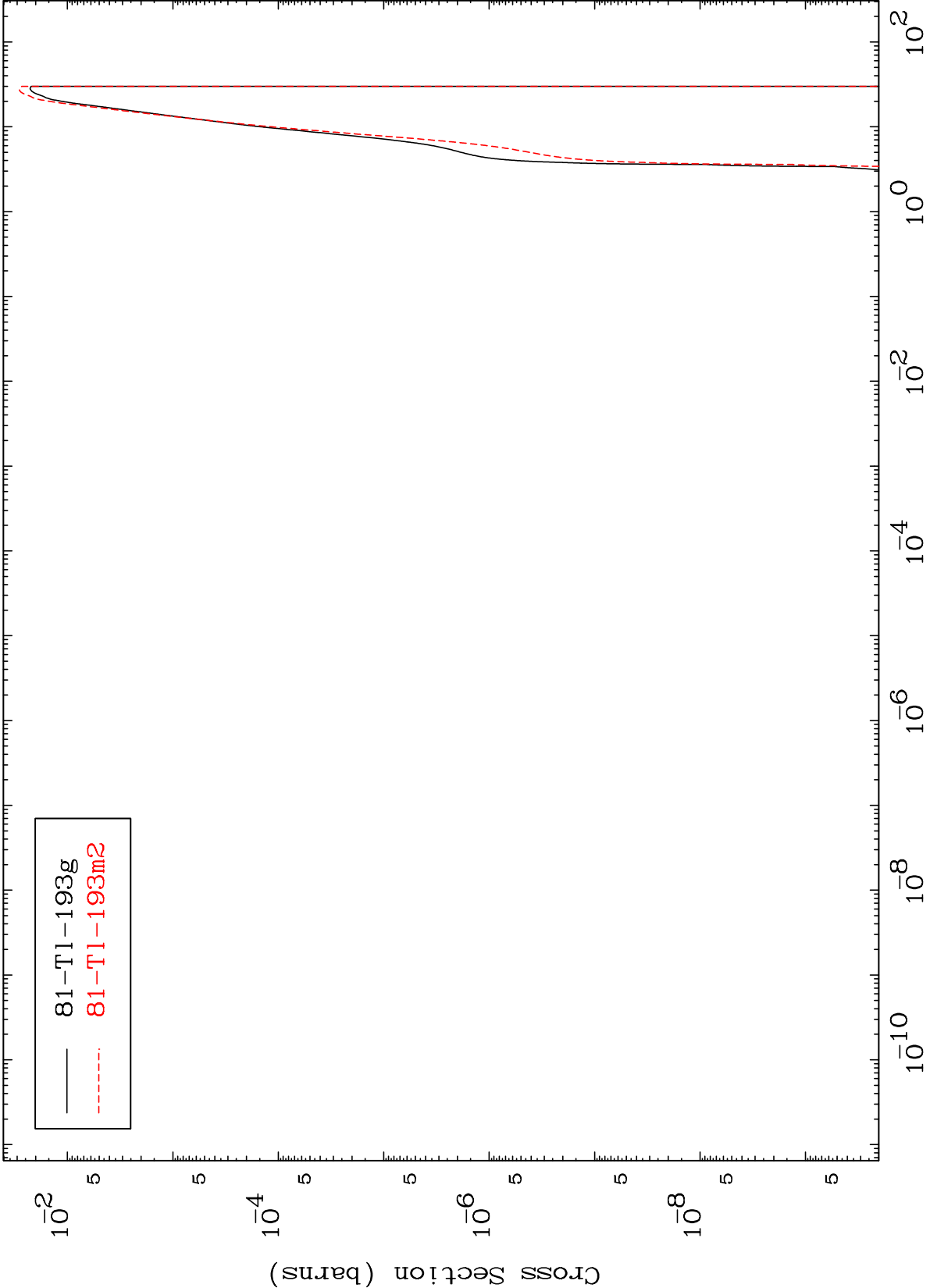
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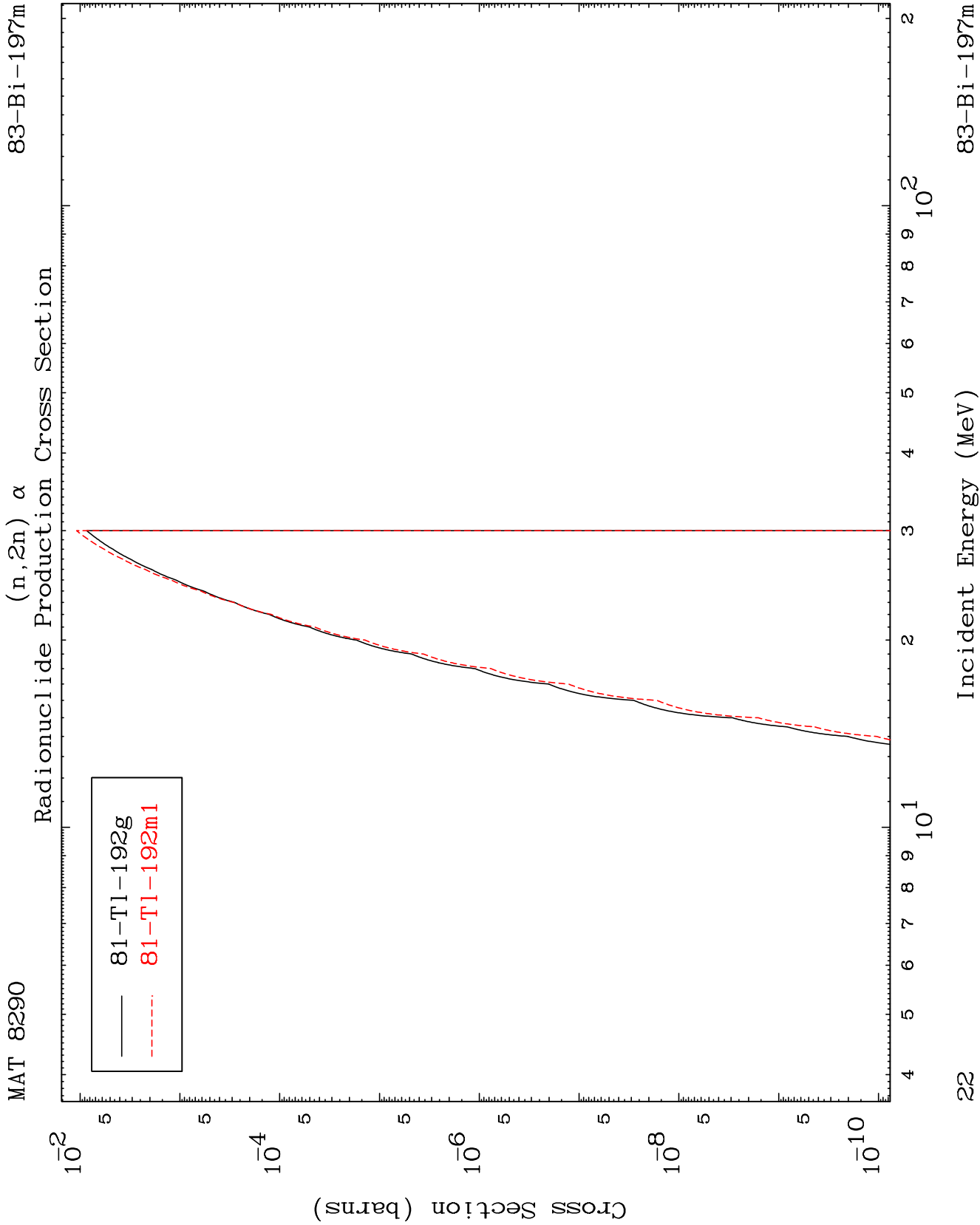
83-Bi-197m

Radionuclide Production Cross Section



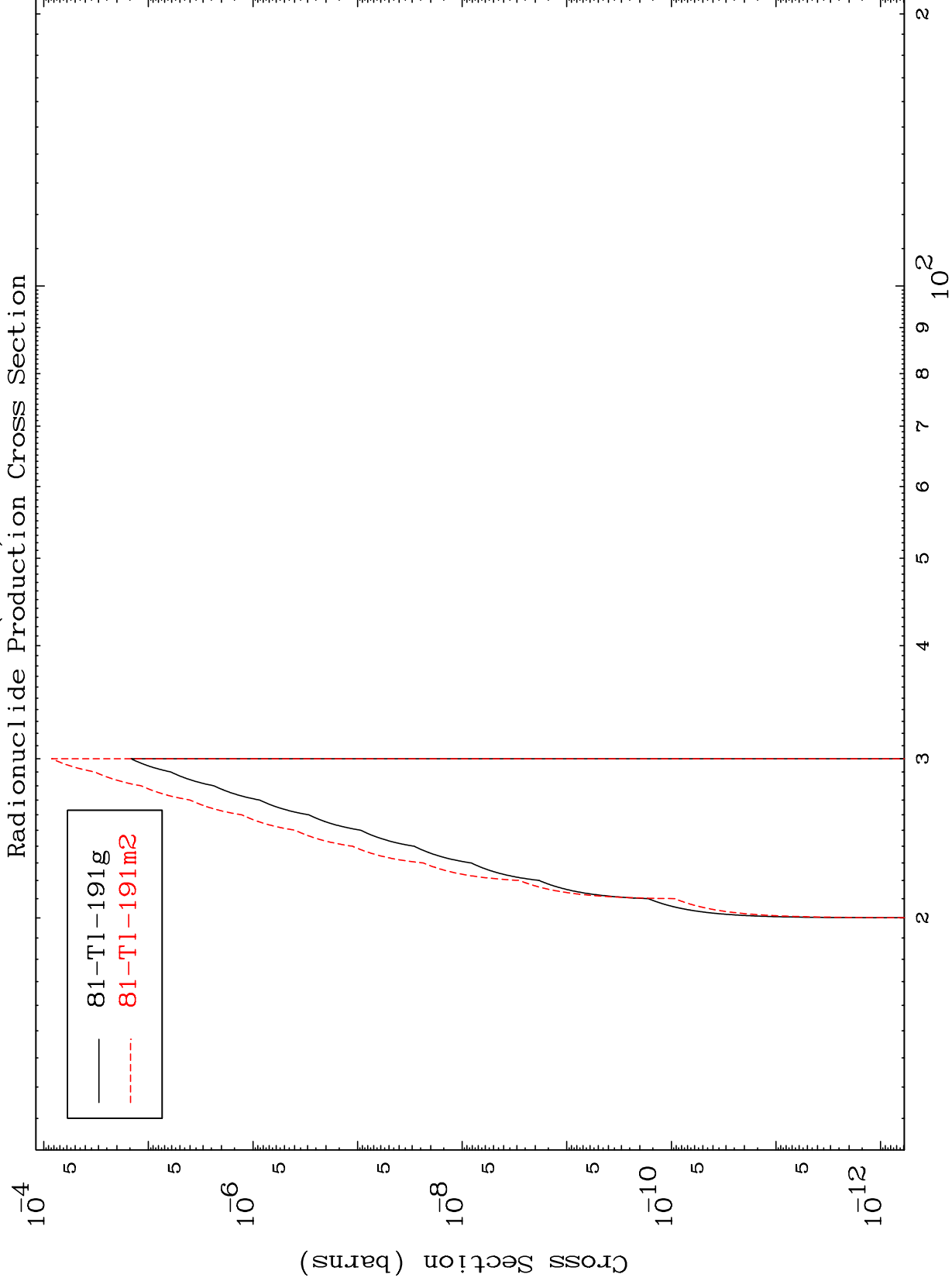
Radionuclide Production Cross Section





$$(n, 3n) \propto$$

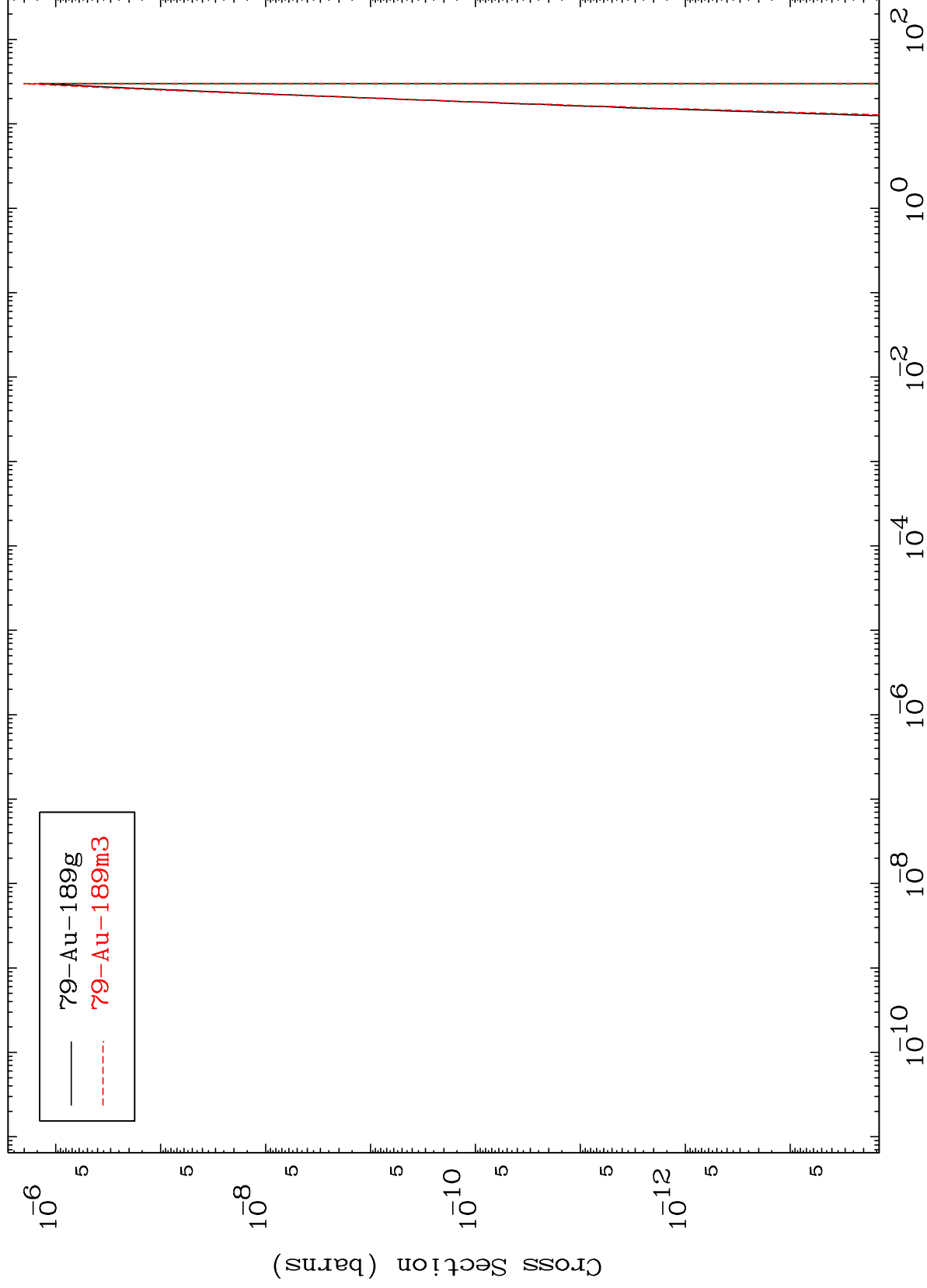
Radionuclide Production Cross Section



MAT 8290

83-Bi-197m

(n,n') 2 α
Radionuclide Production Cross Section



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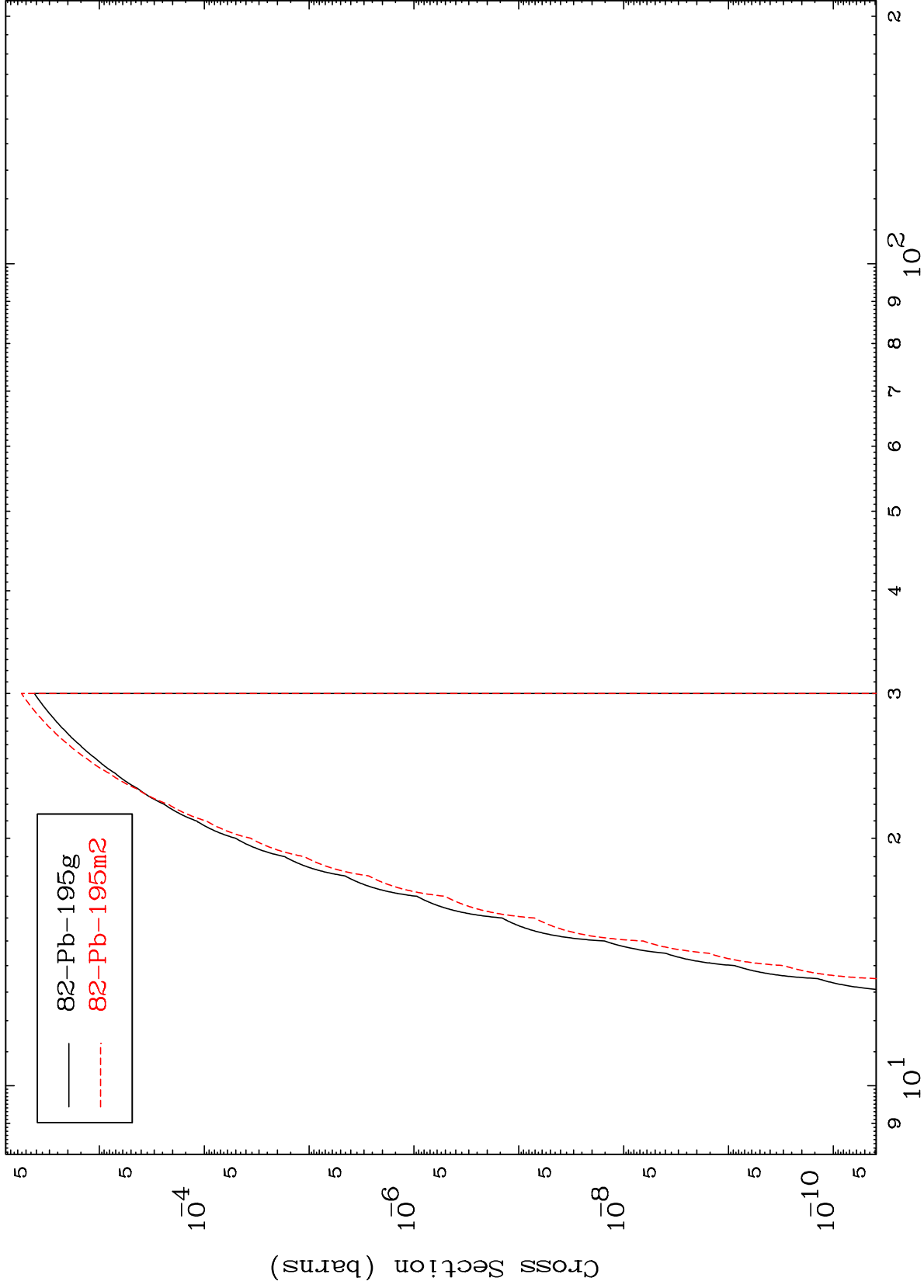
83-Bi-197m

Incident Energy (MeV)

MAT 8290

83-Bi-197m

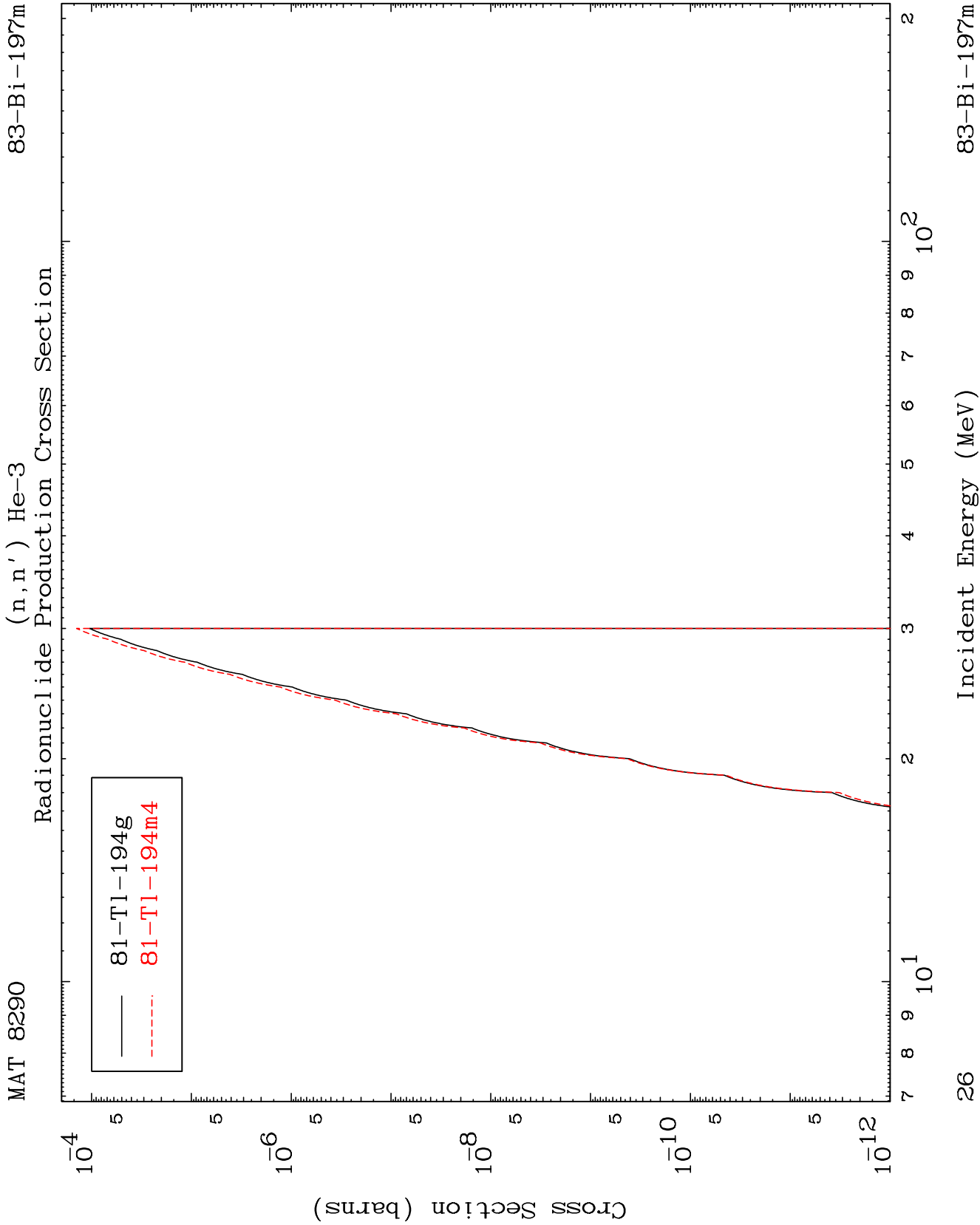
(n,n') d
Radionuclide Production Cross Section

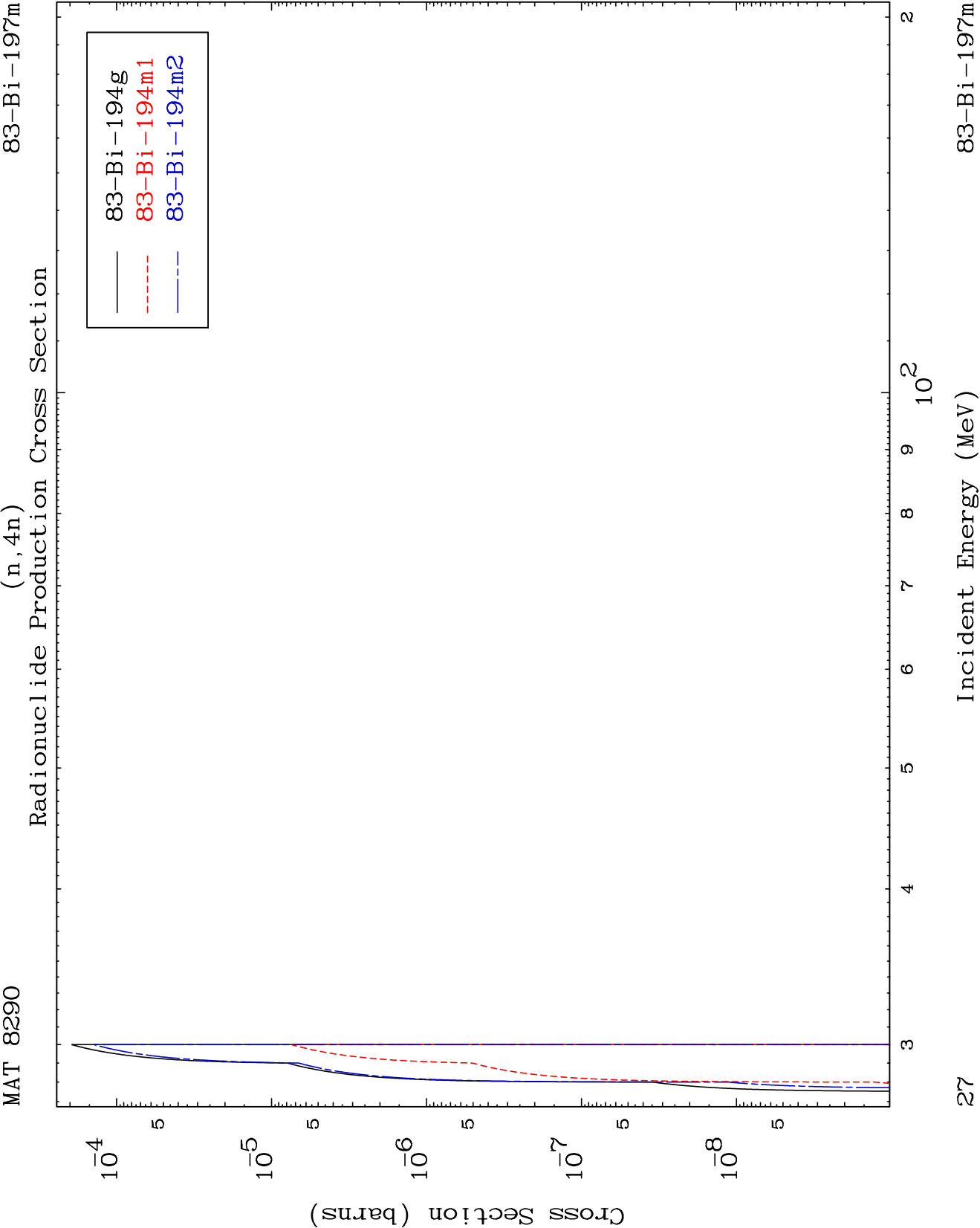


83-Bi-197m

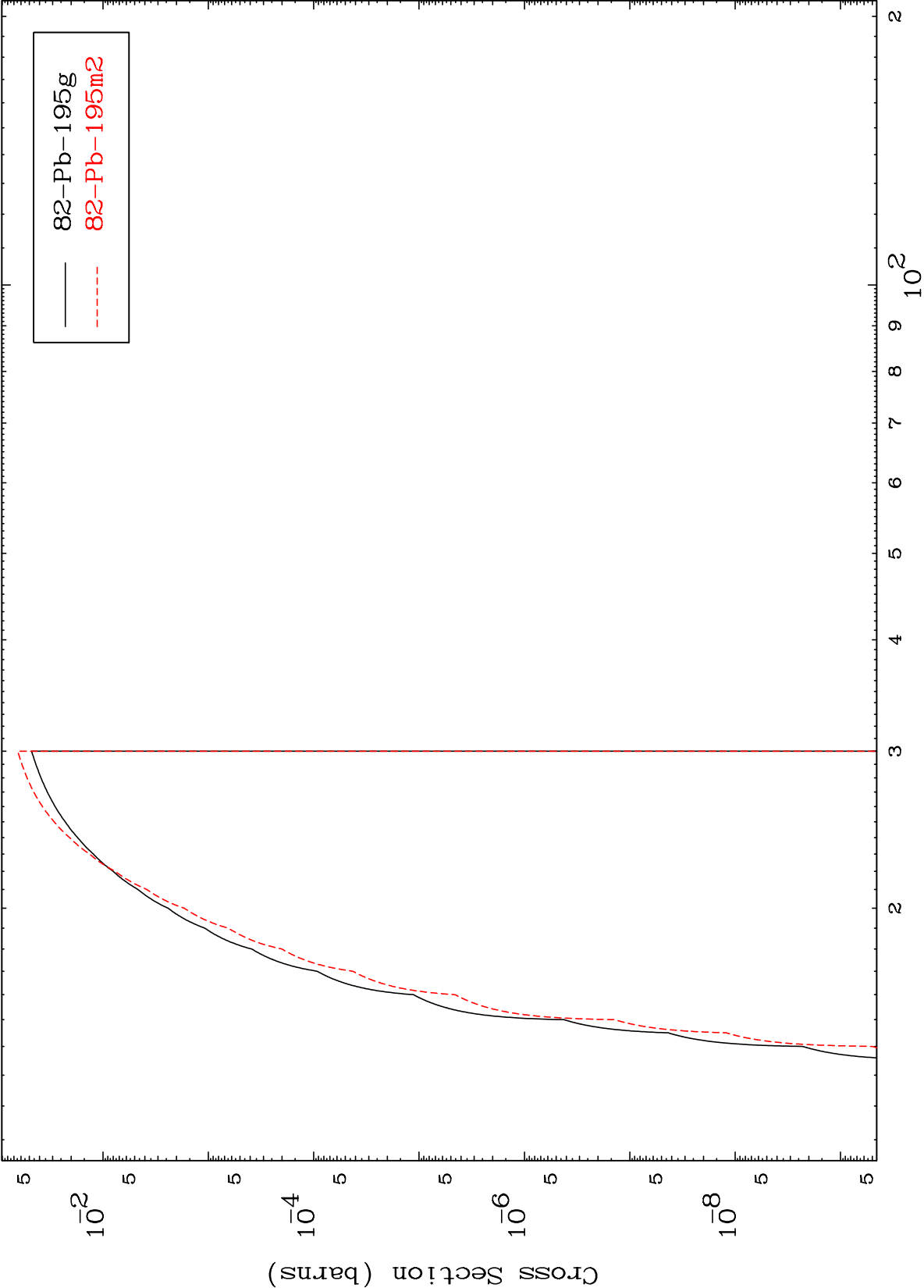
Incident Energy (MeV)

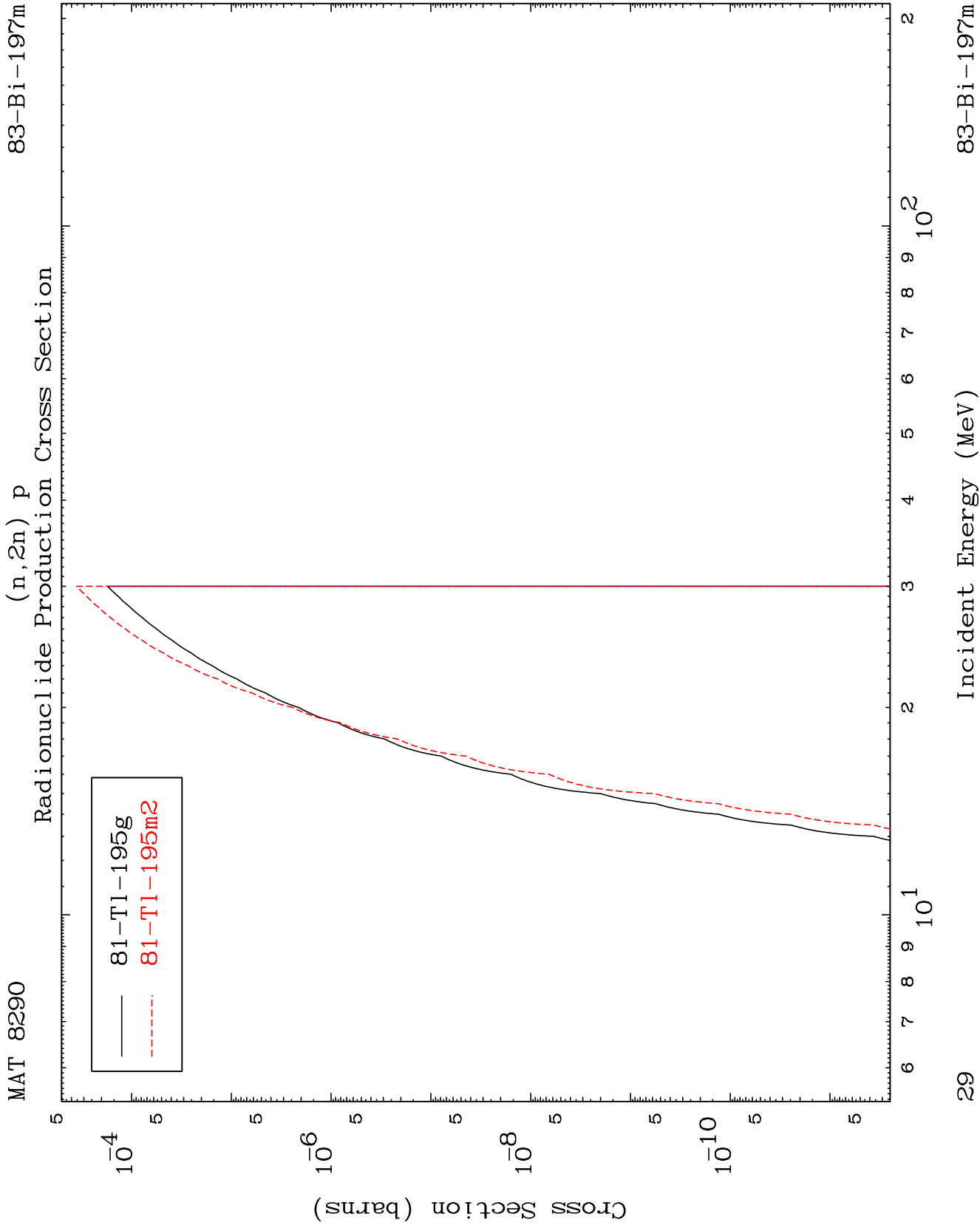
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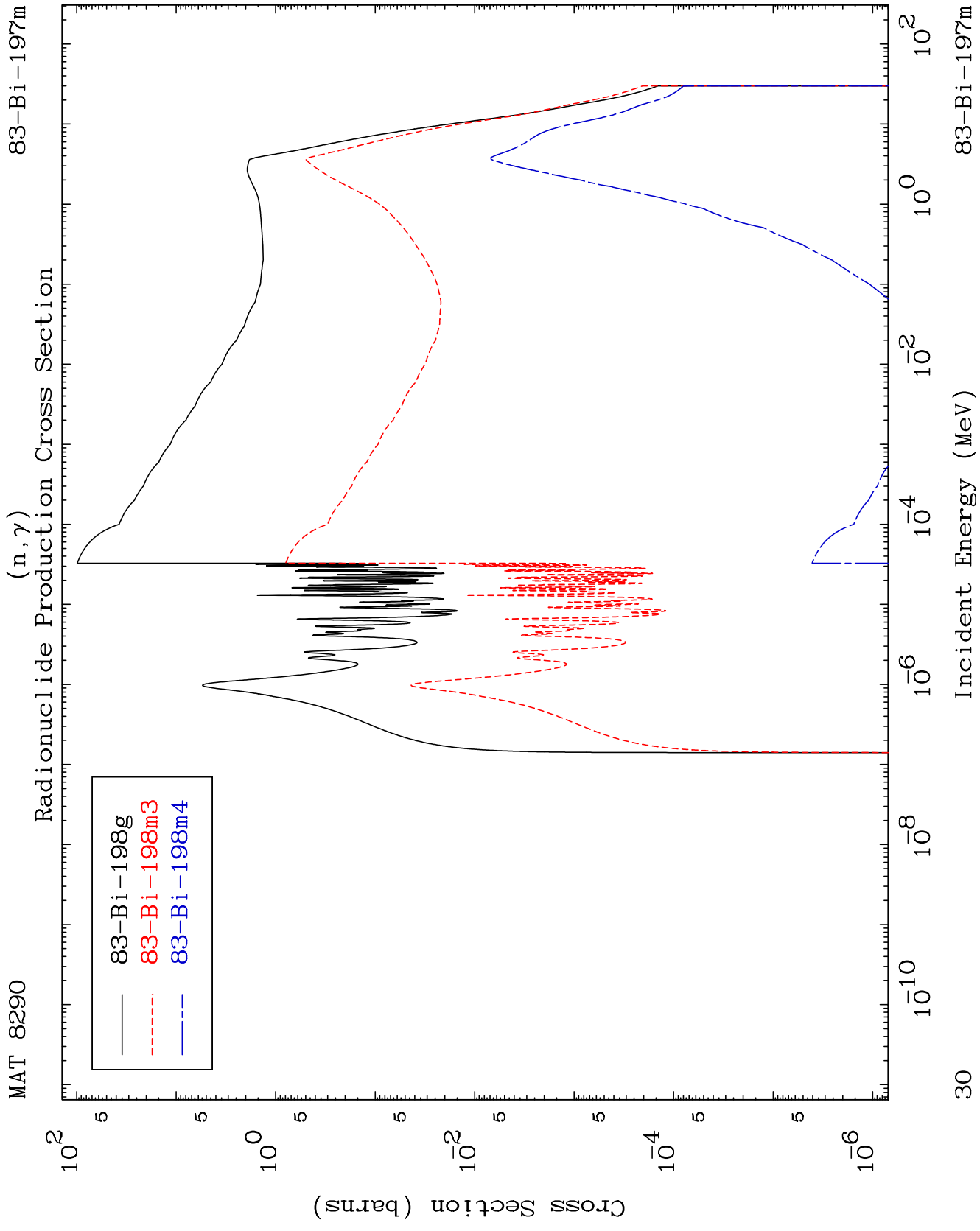


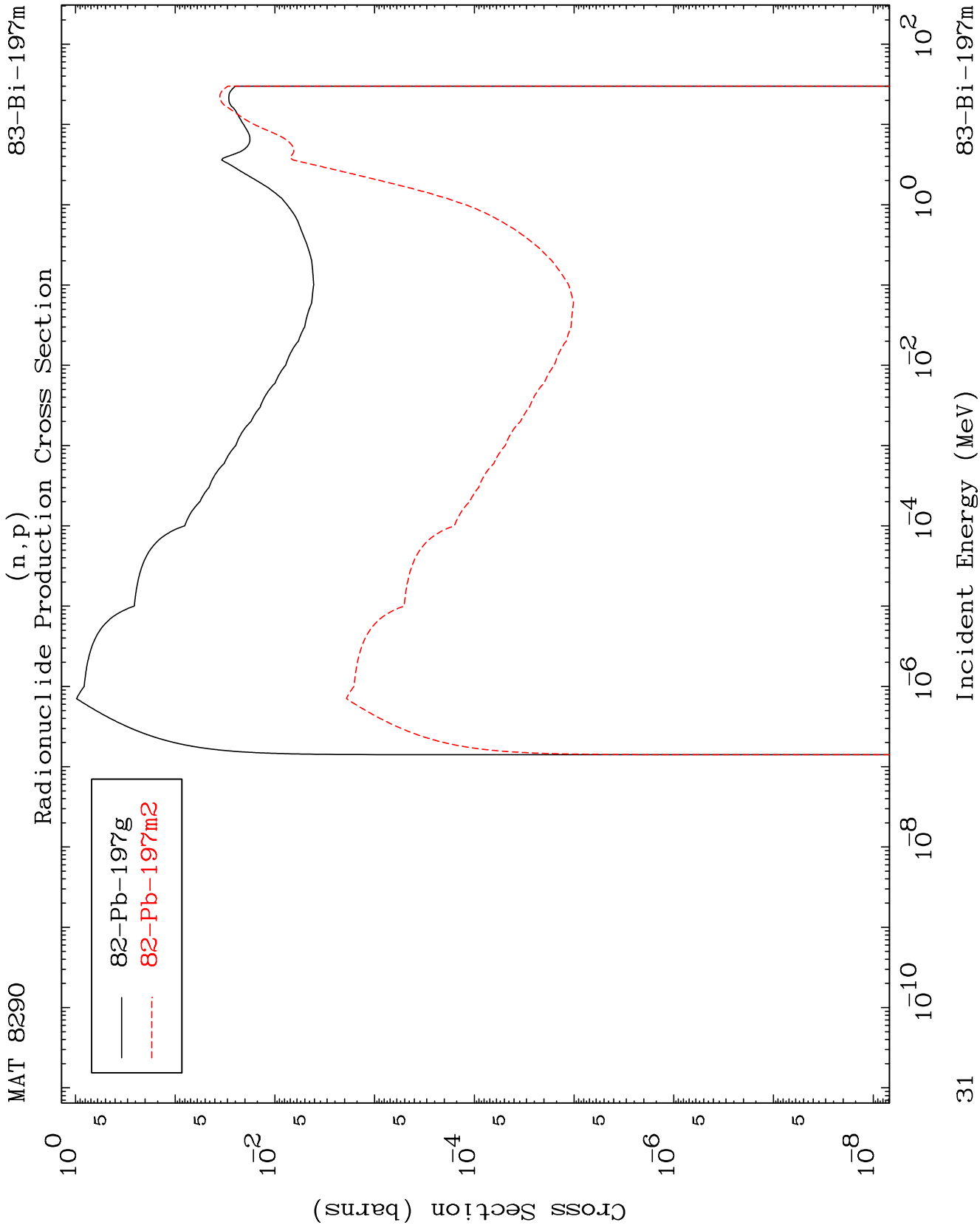


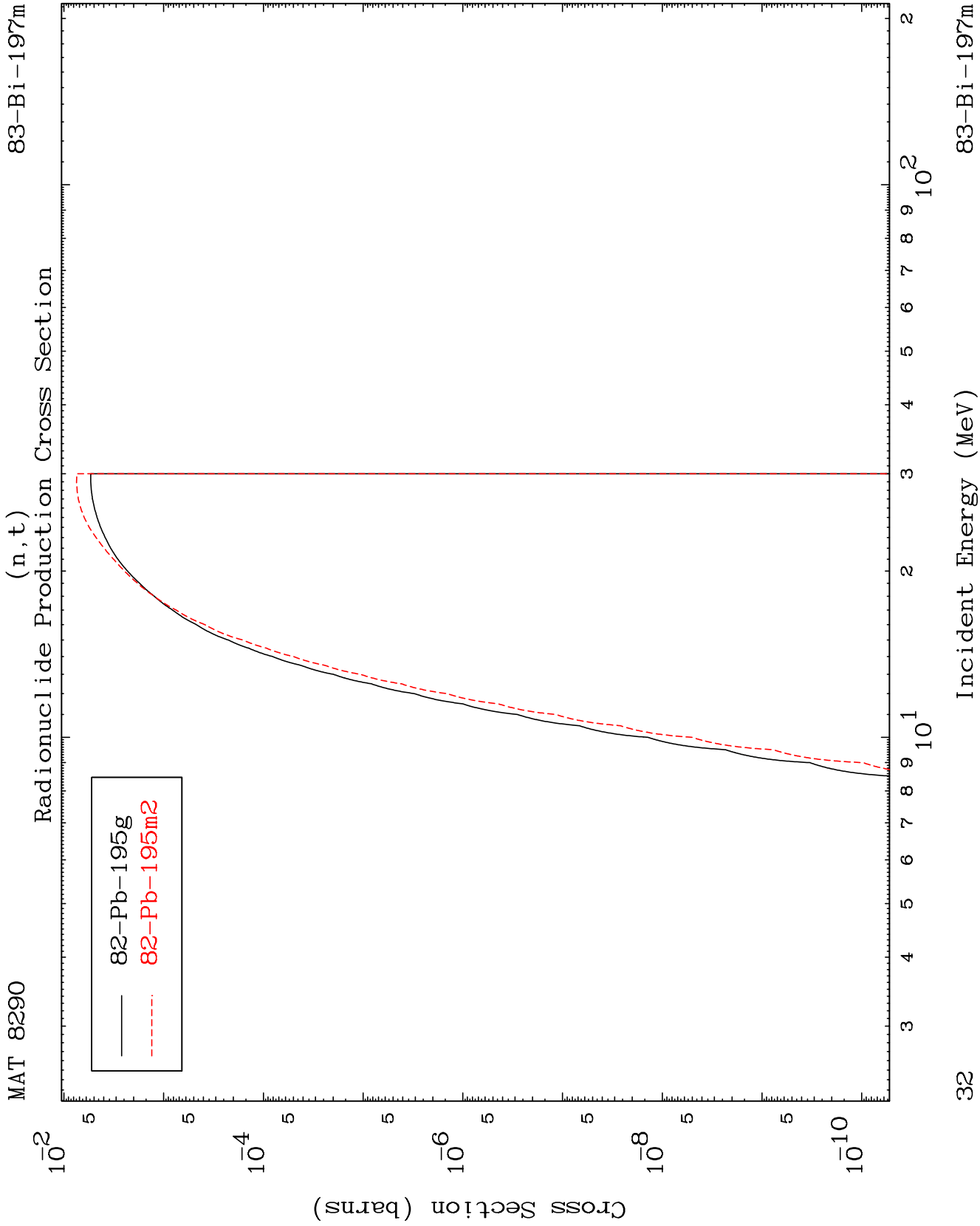
Radionuclide Production Cross Section









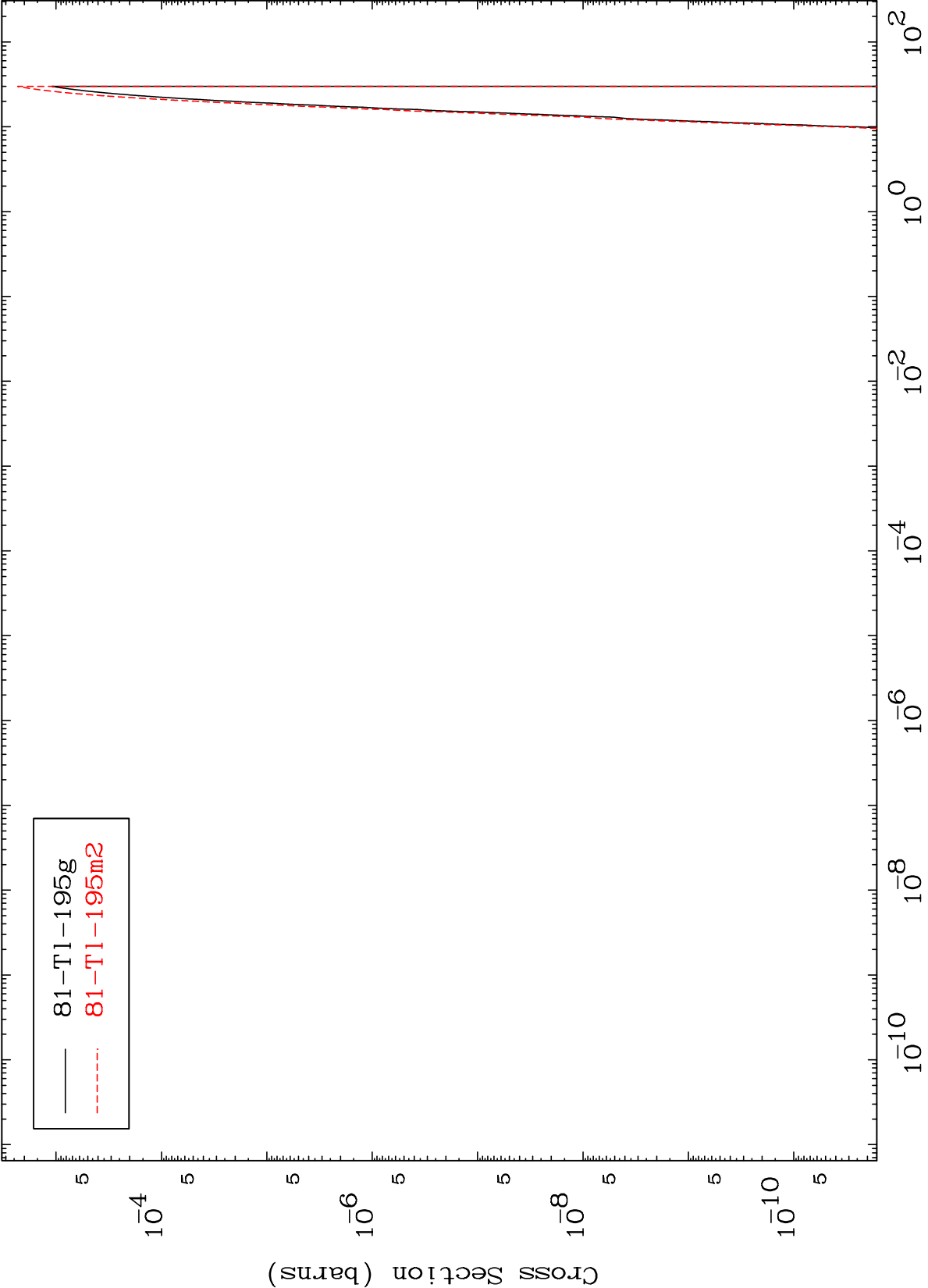


MAT 8290

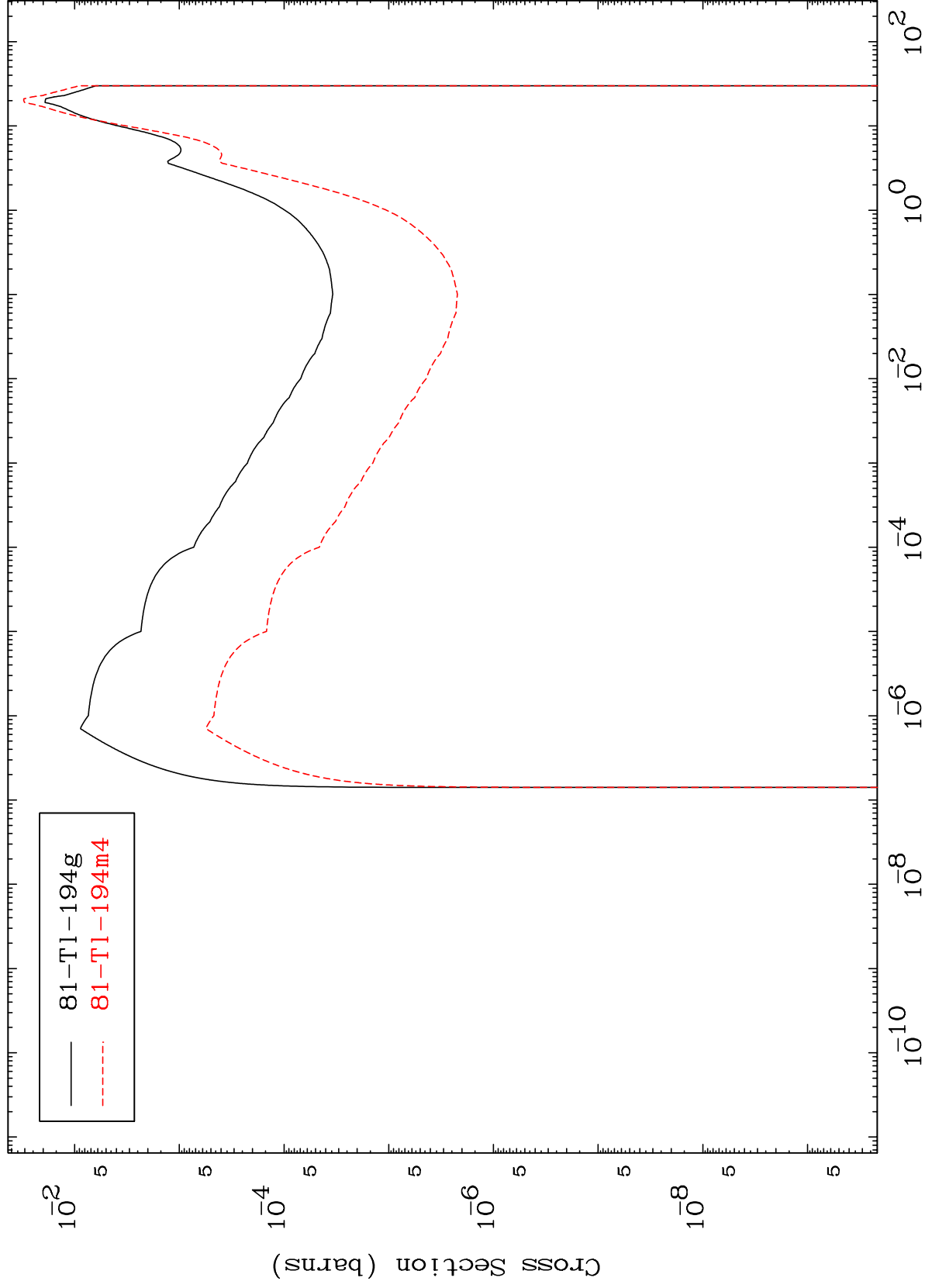
(n,He-3)

83-Bi-197m

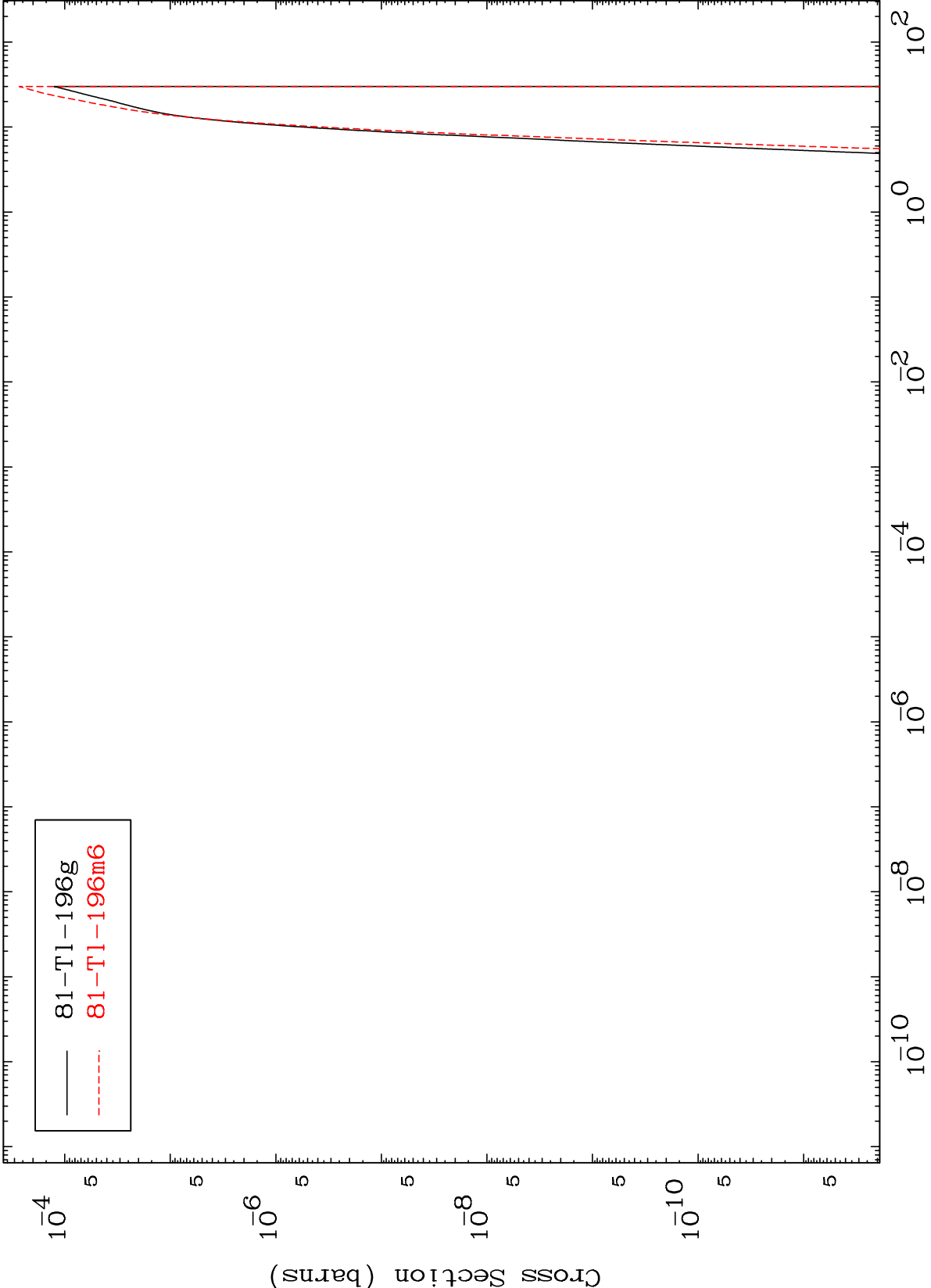
Radionuclide Production Cross Section



Radionuclide Production Cross Section (n, α)



Radionuclide Production Cross Section

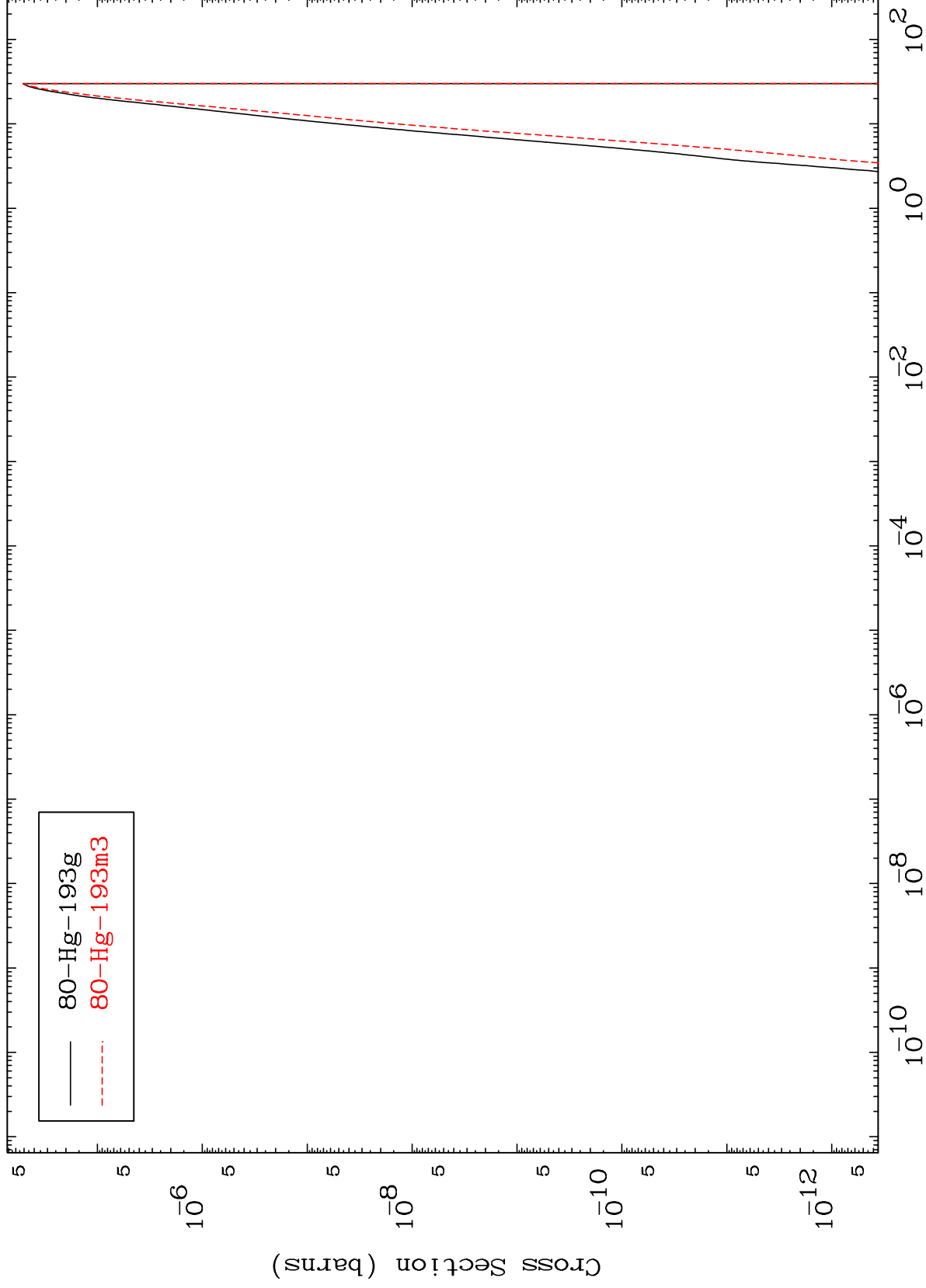


MAT 8290

(n,p) α

83-Bi-197m

Radionuclide Production Cross Section



36

Incident Energy (MeV)

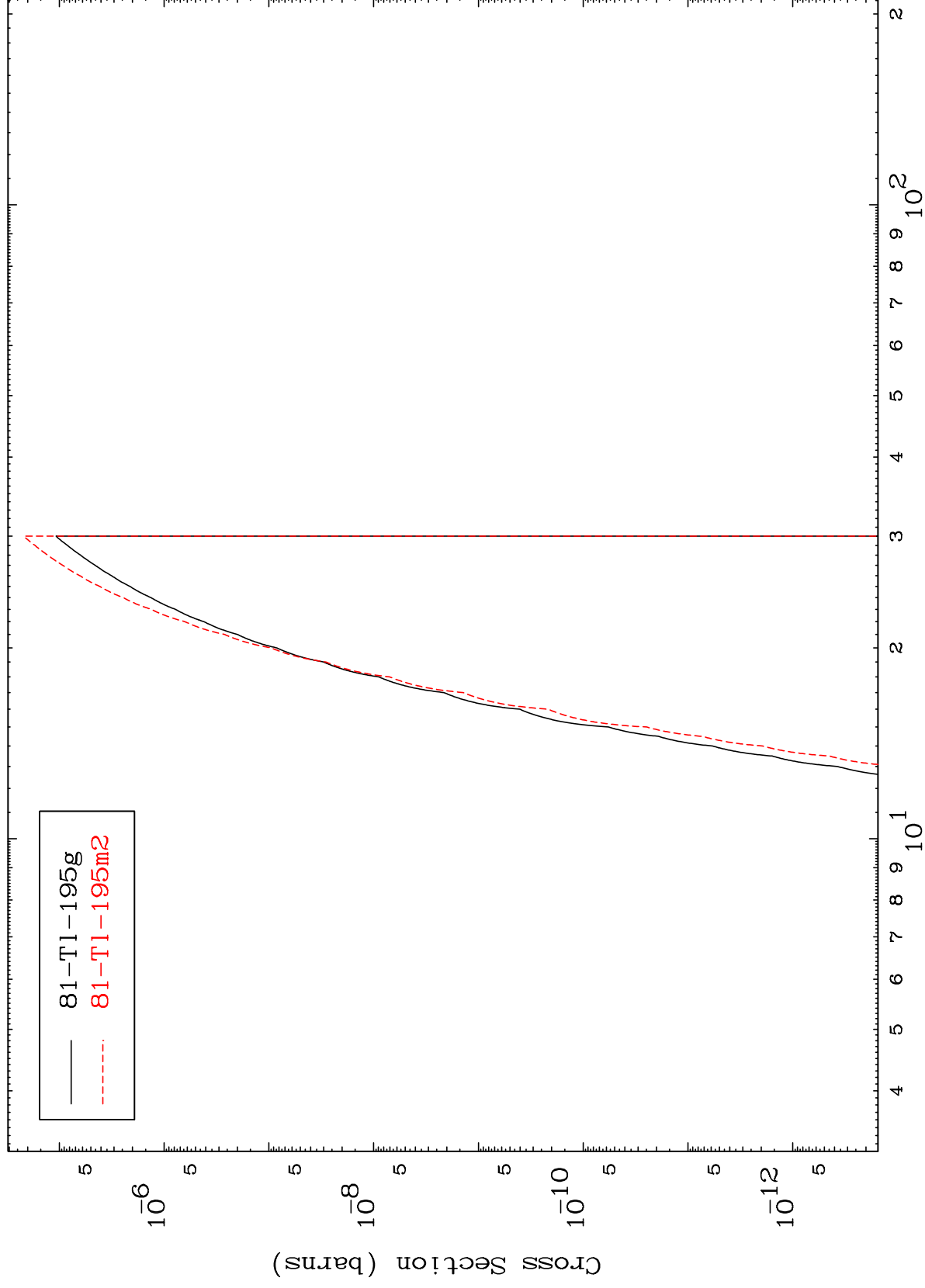
83-Bi-197m

MAT 8290

(n,p) d

83-Bi-197m

Radionuclide Production Cross Section



37

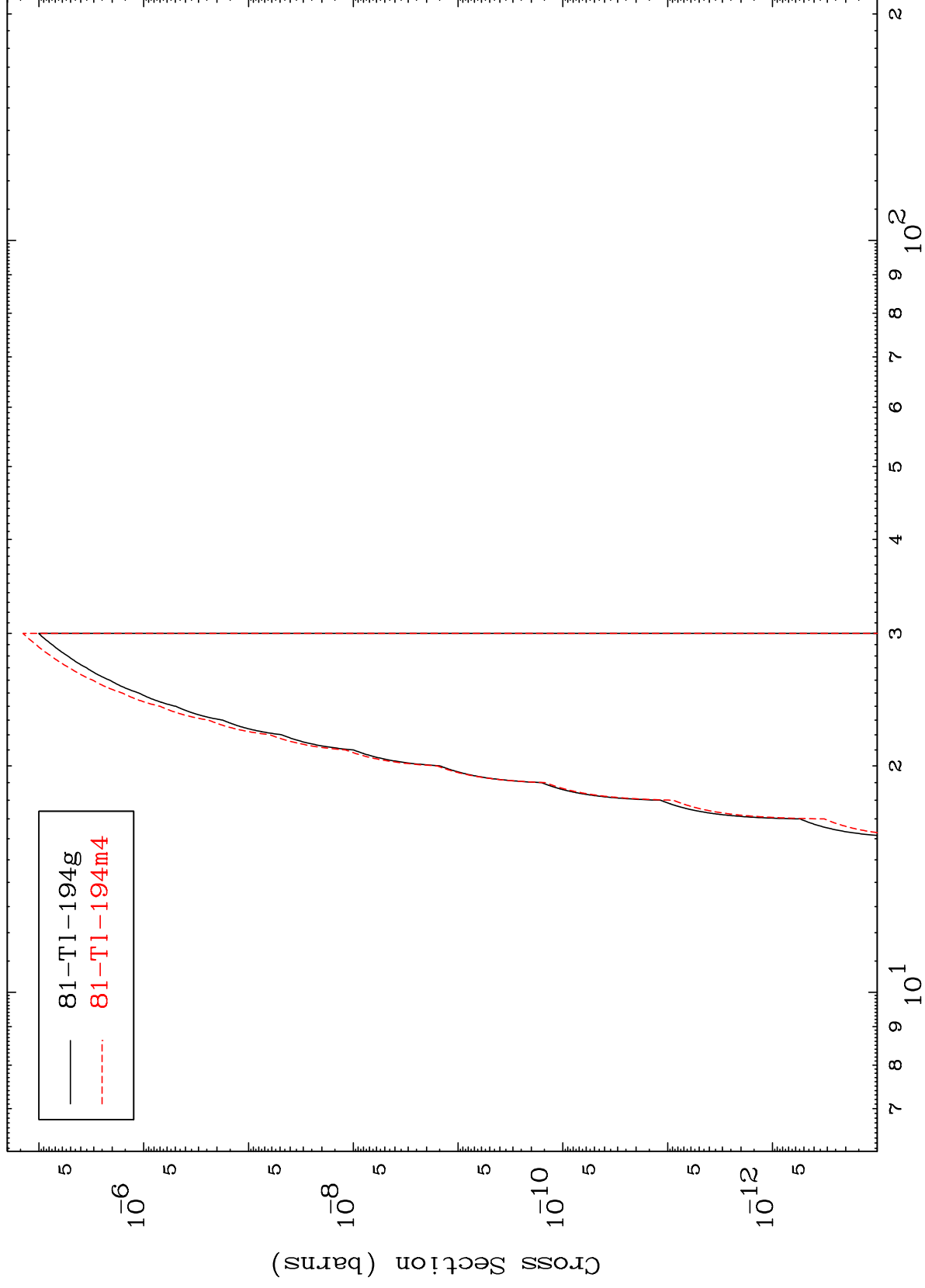
Incident Energy (MeV)

83-Bi-197m

MAT 8290

83-Bi-197m

(n,p) t
Radionuclide Production Cross Section



38

Incident Energy (MeV)

83-Bi-197m