

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

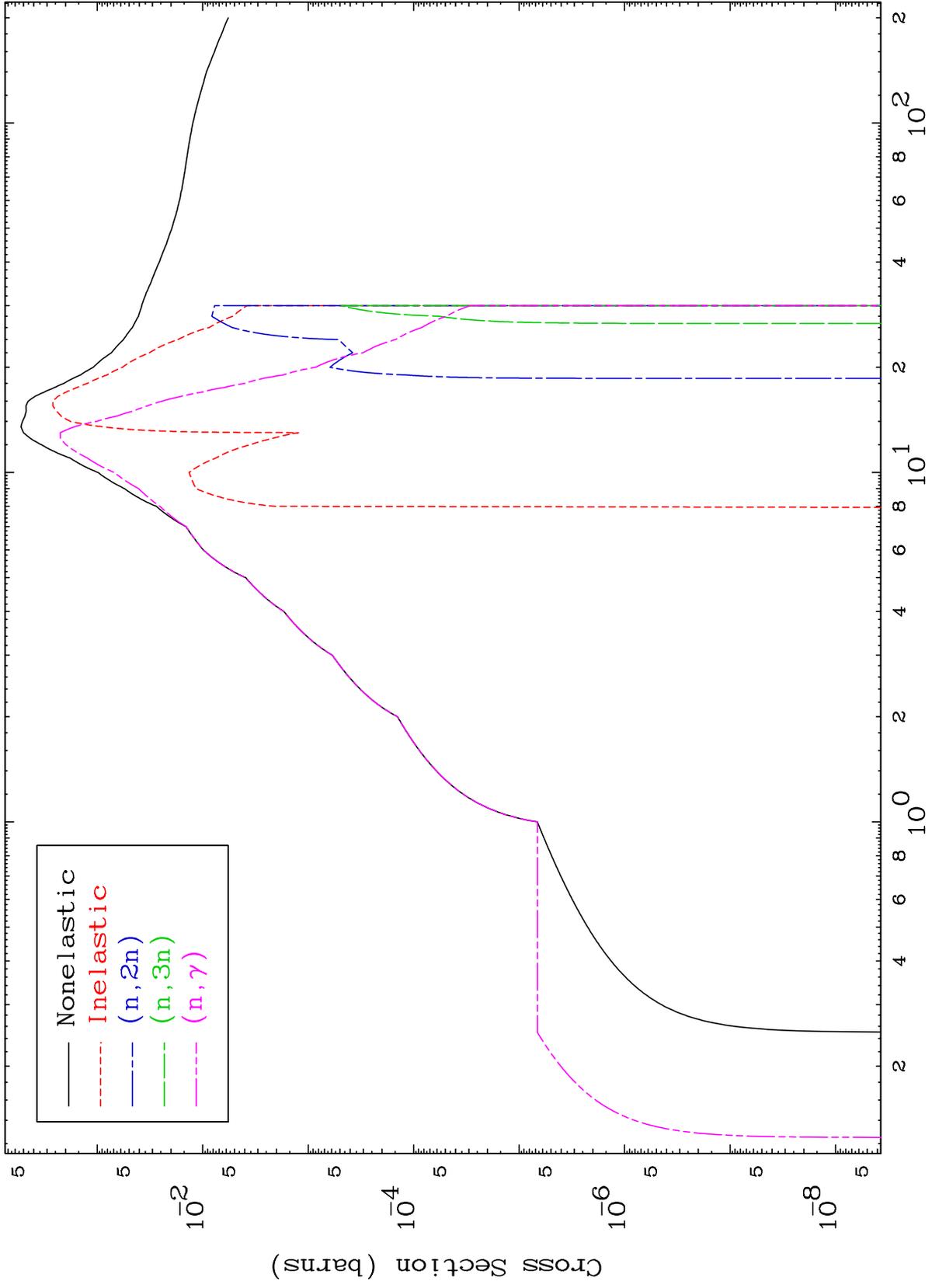
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

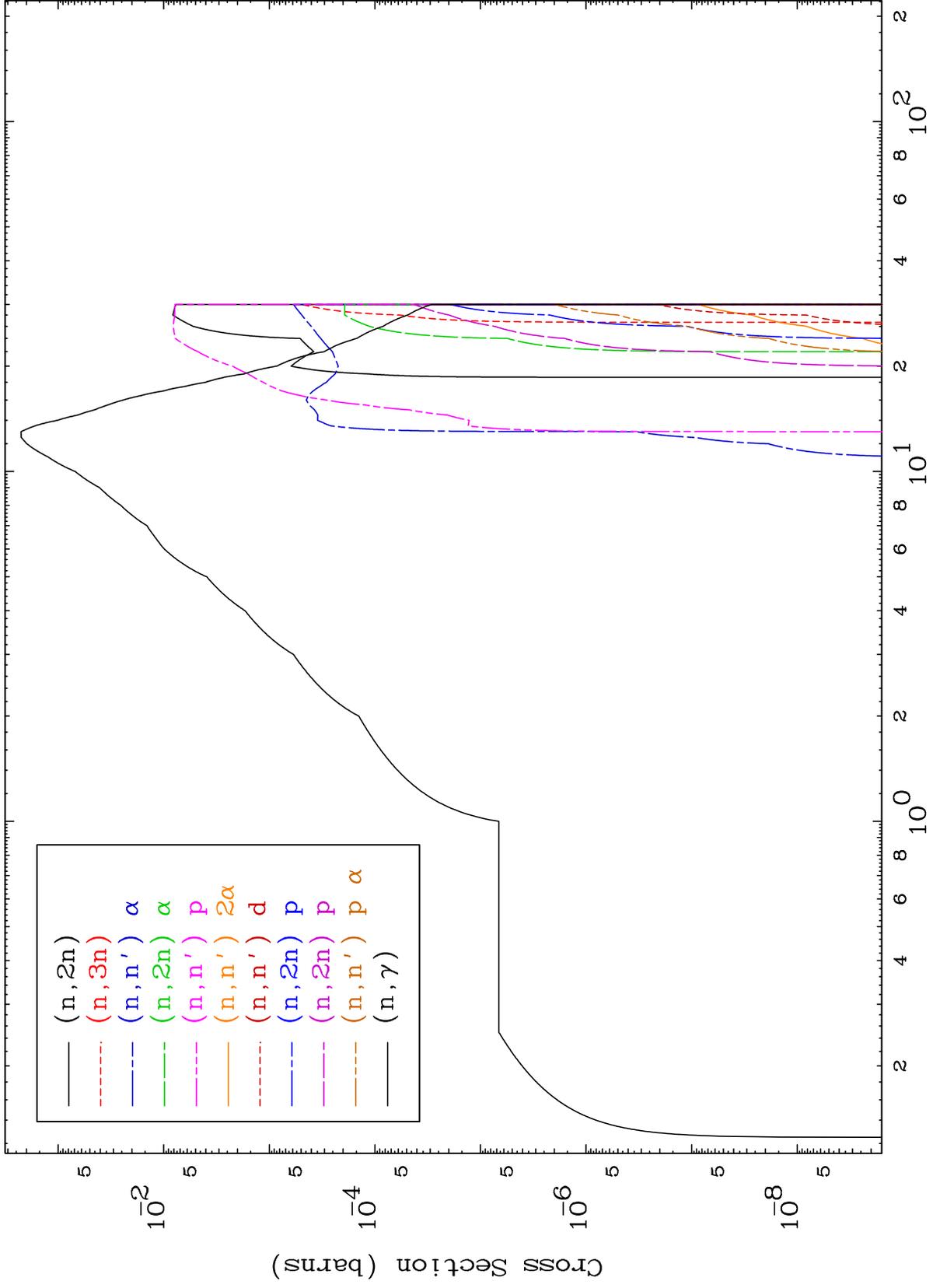
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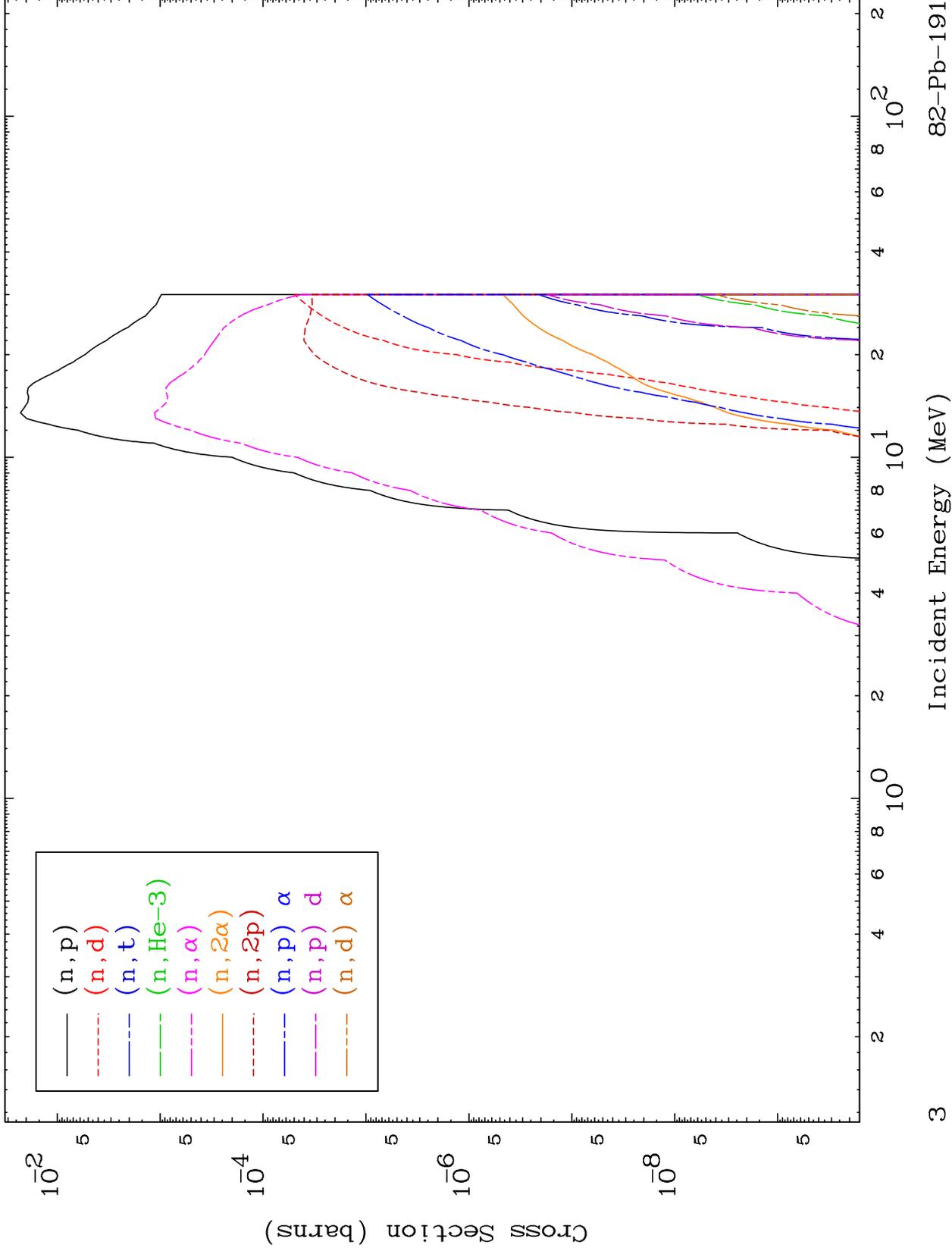
E.Mail:redcullen1@comcast.net

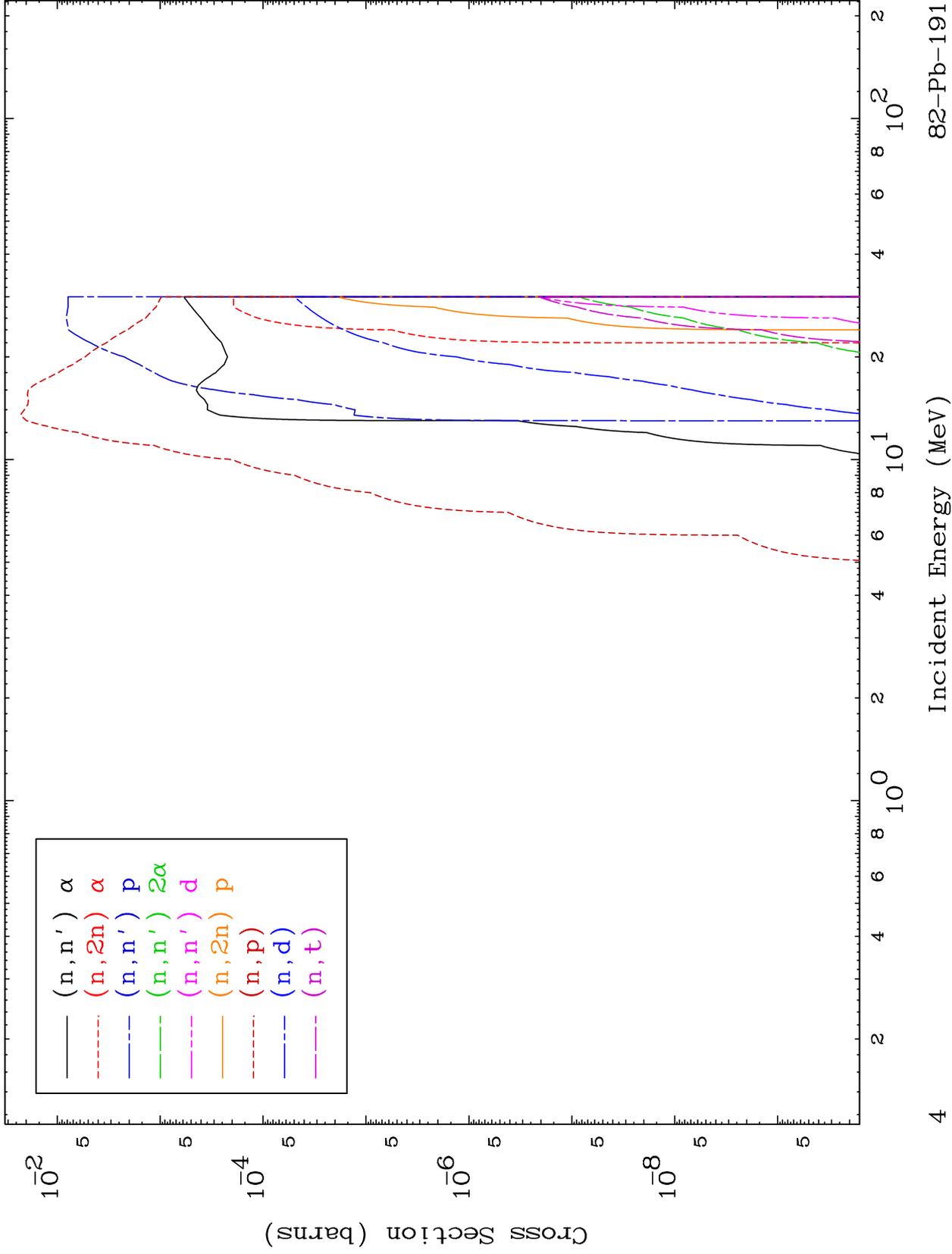
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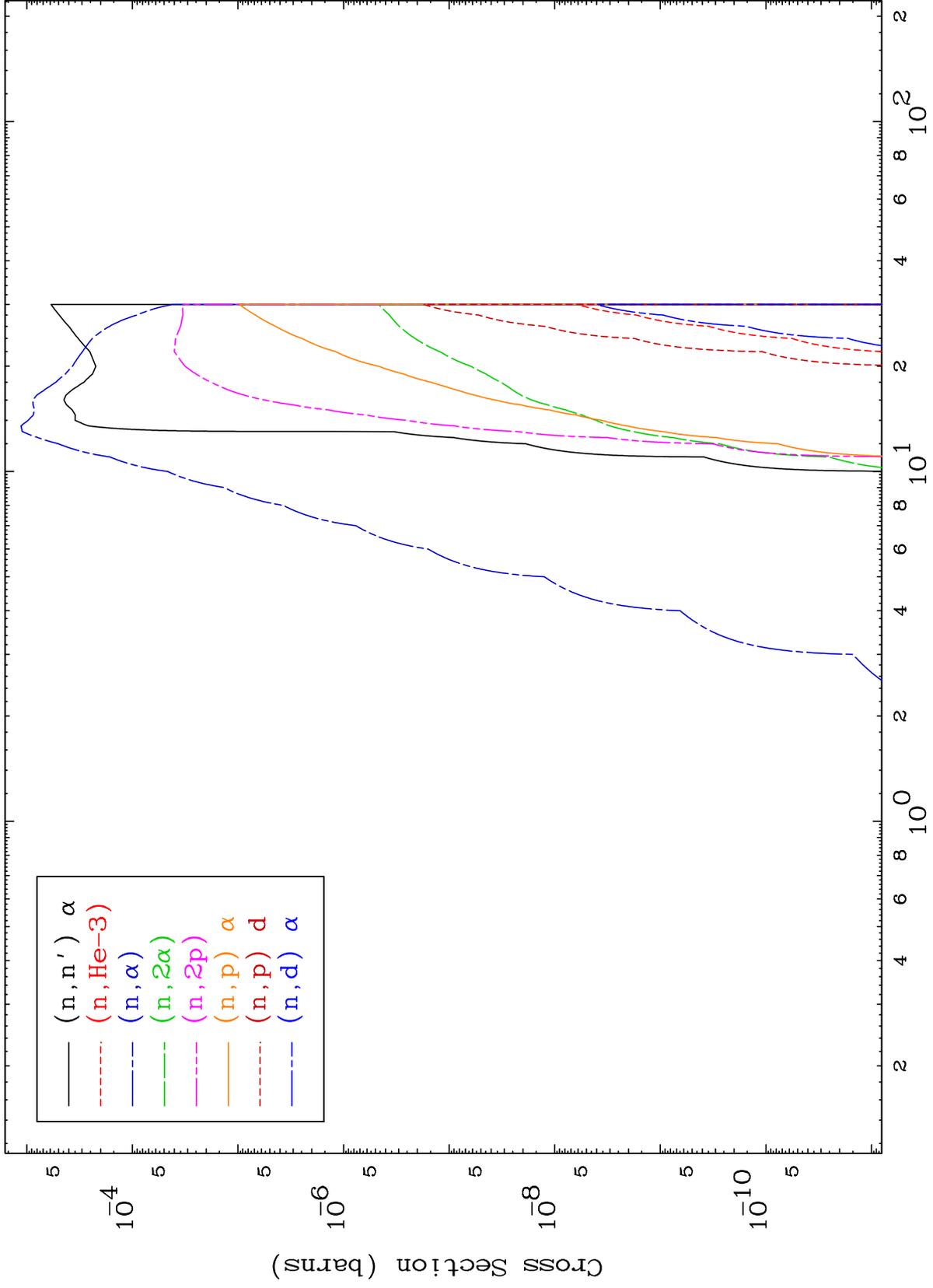
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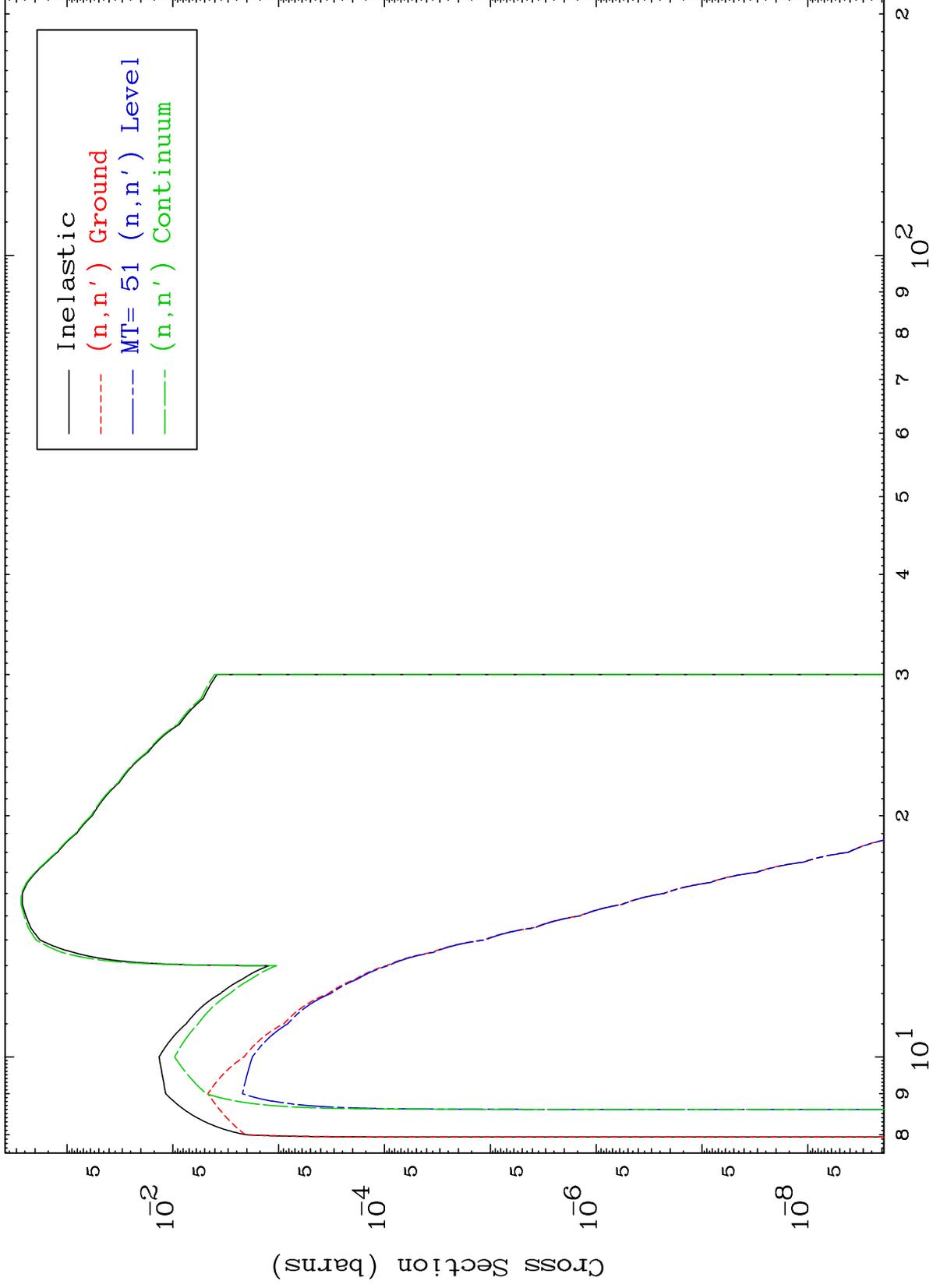




MAT 8186

82-Pb-191

(γ, n') Levels
0 Kelvin Cross Sections



82-Pb-191

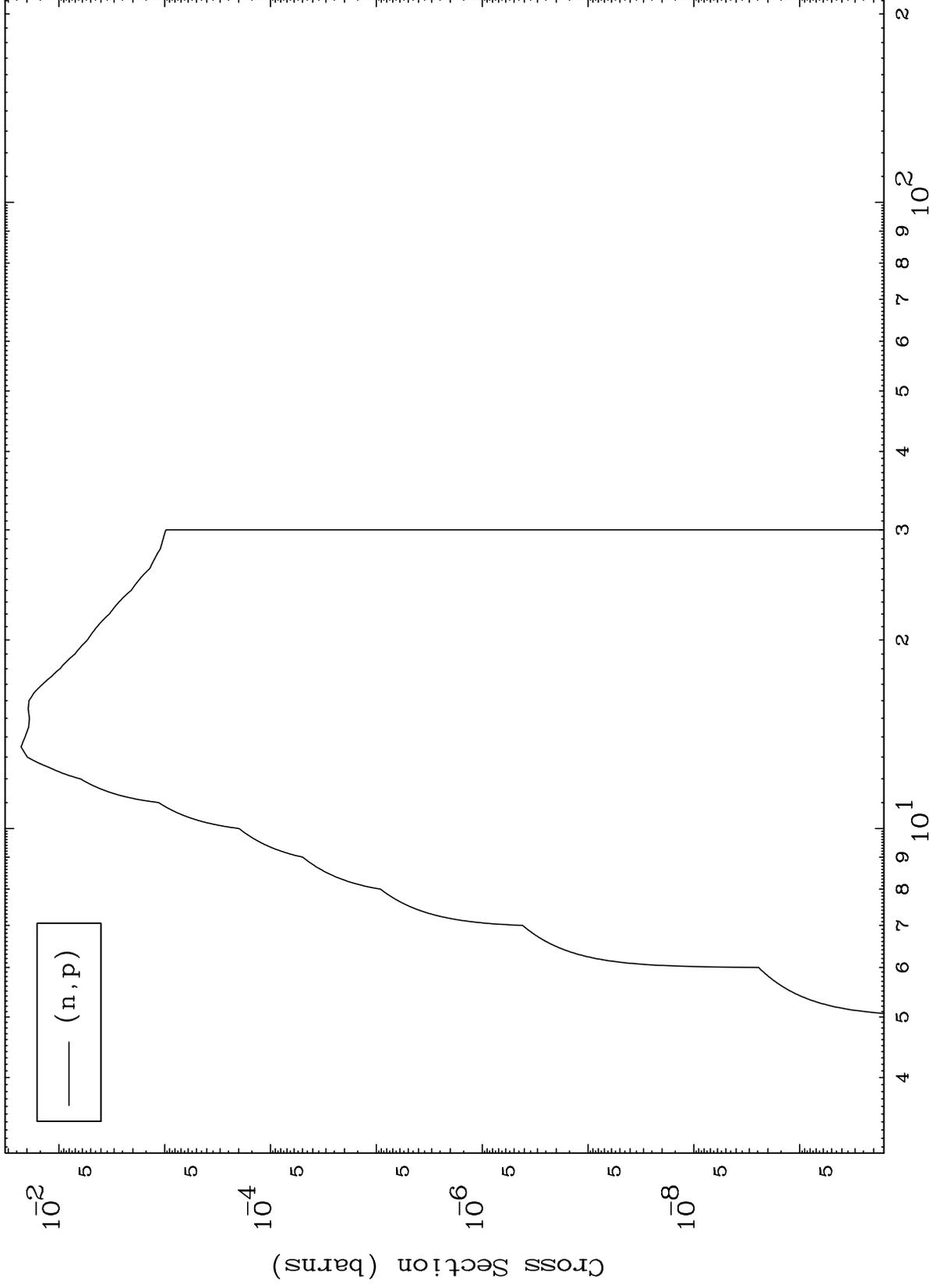
Incident Energy (MeV)

6

MAT 8186

(γ, p) Levels
0 Kelvin Cross Sections

82-Pb-191



7

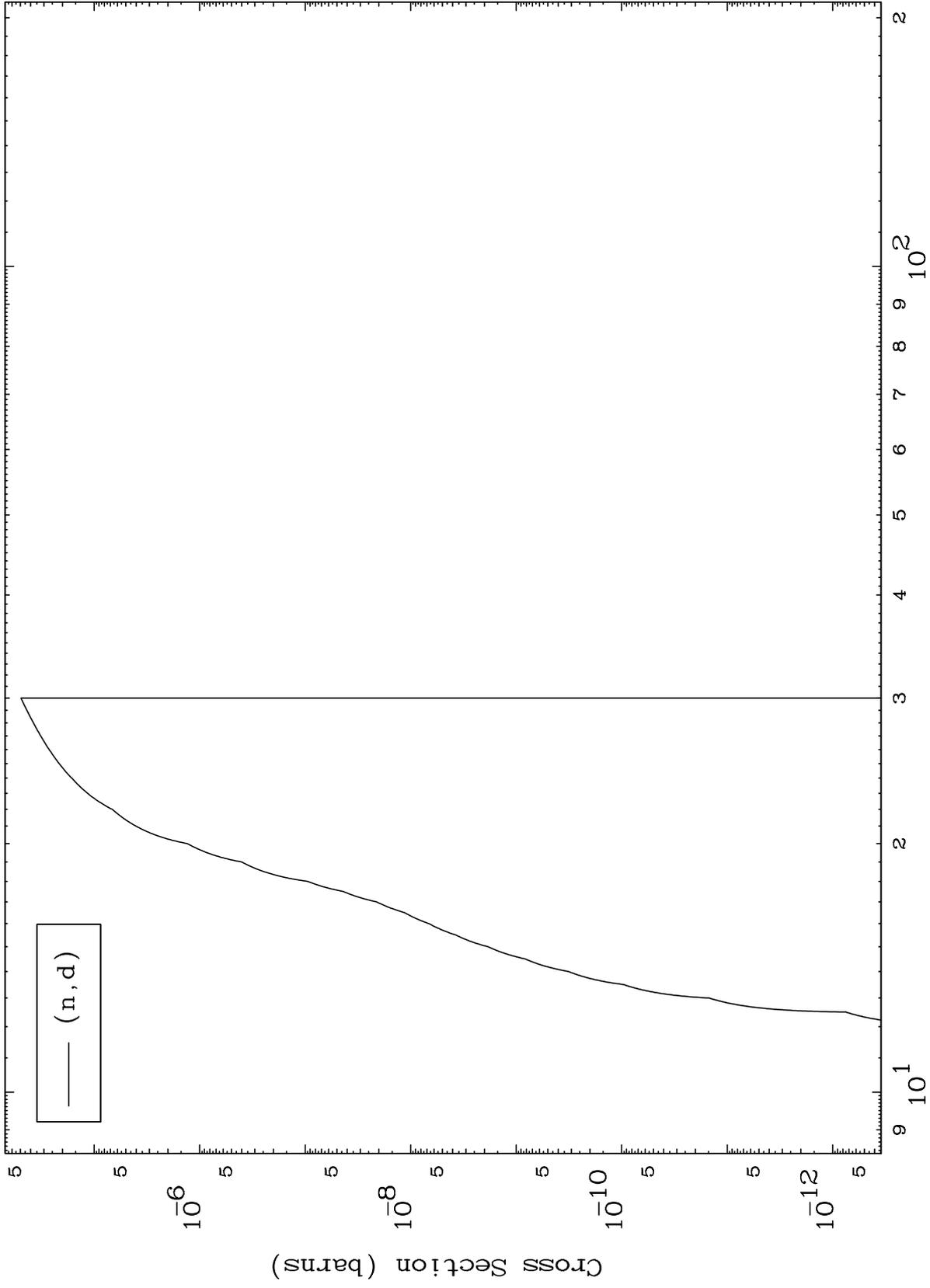
Incident Energy (MeV)

82-Pb-191

MAT 8186

(γ, d) Levels
0 Kelvin Cross Sections

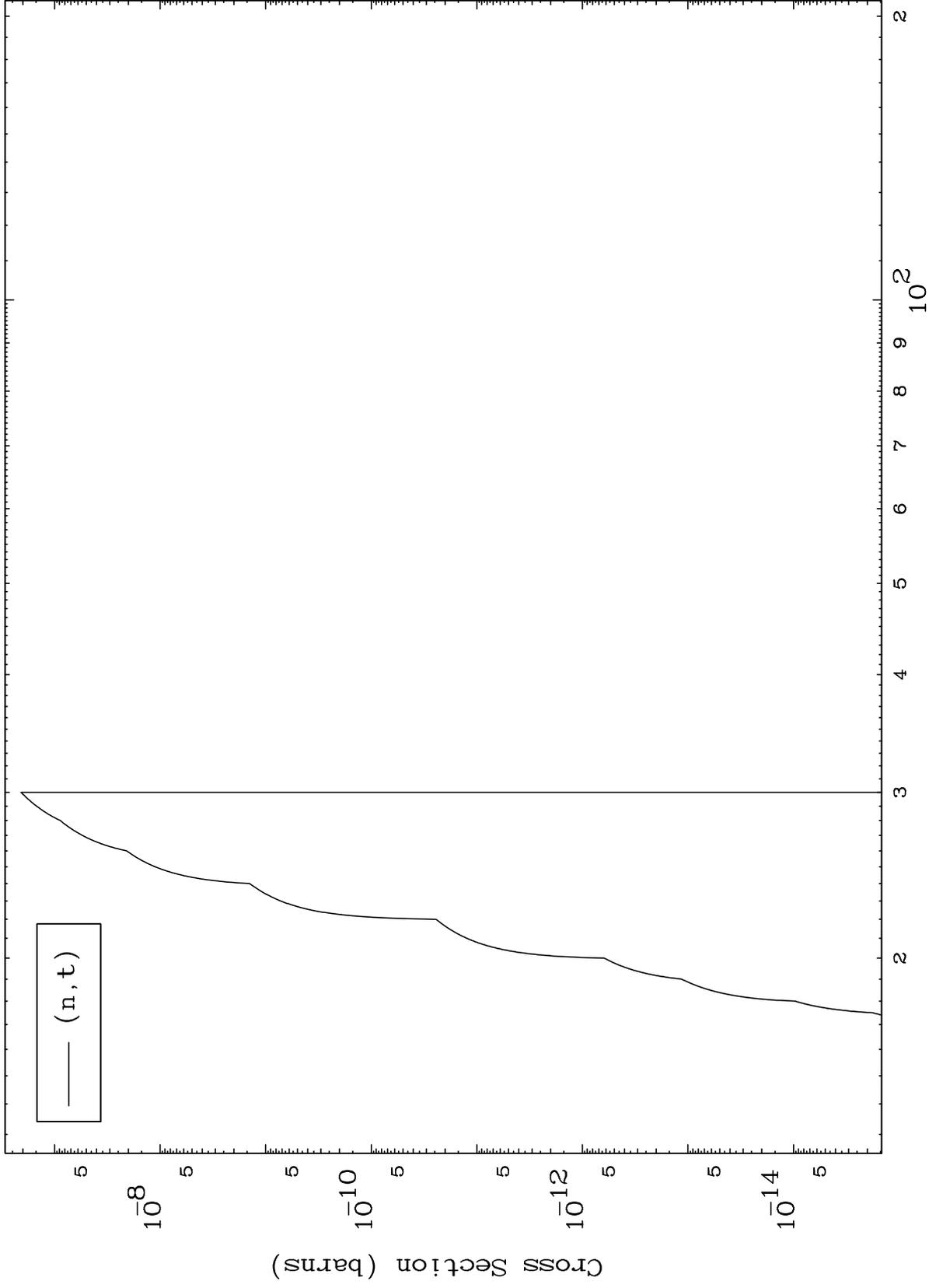
82-Pb-191



8

Incident Energy (MeV)

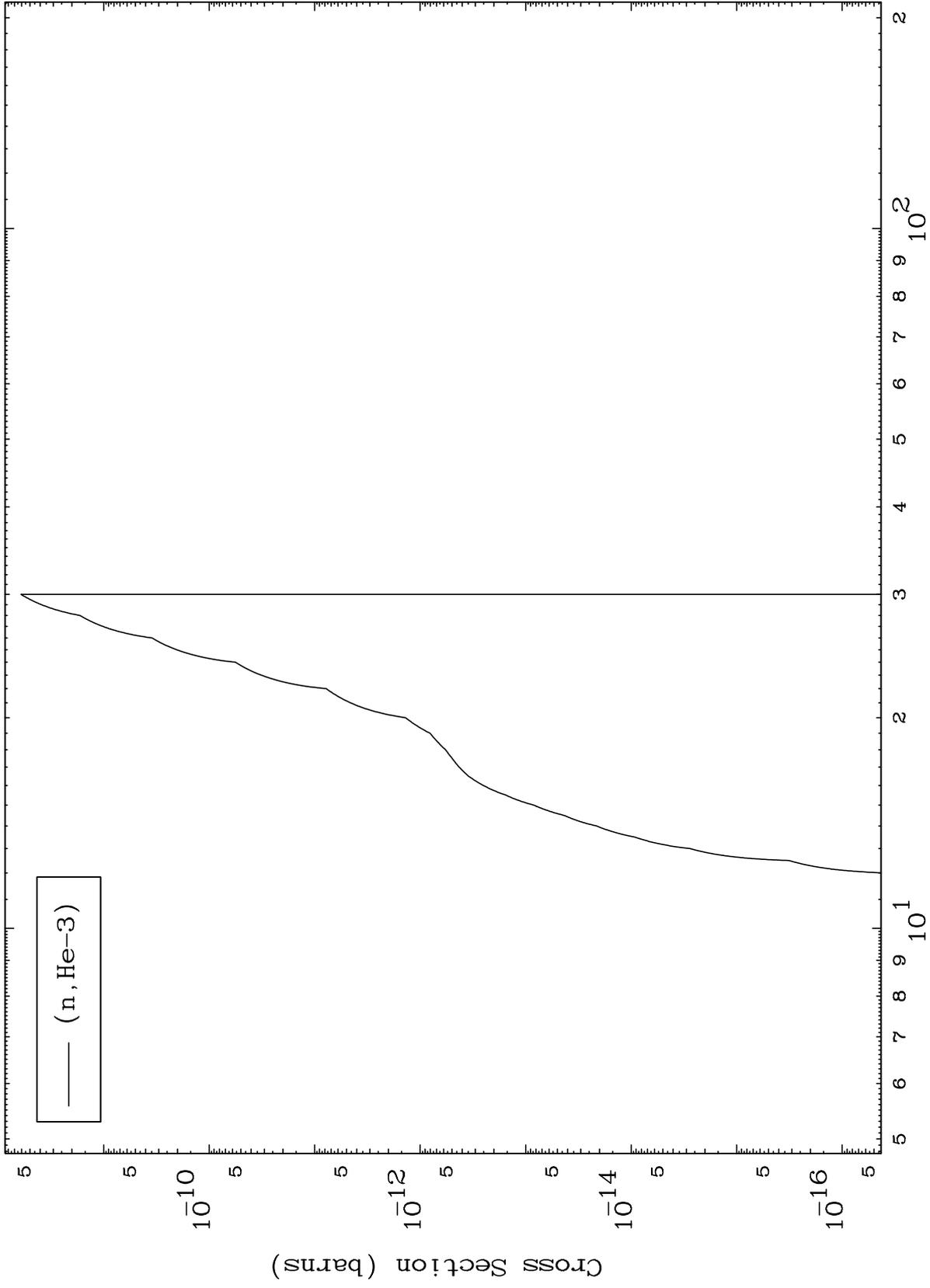
82-Pb-191



MAT 8186

82-Pb-191

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



10

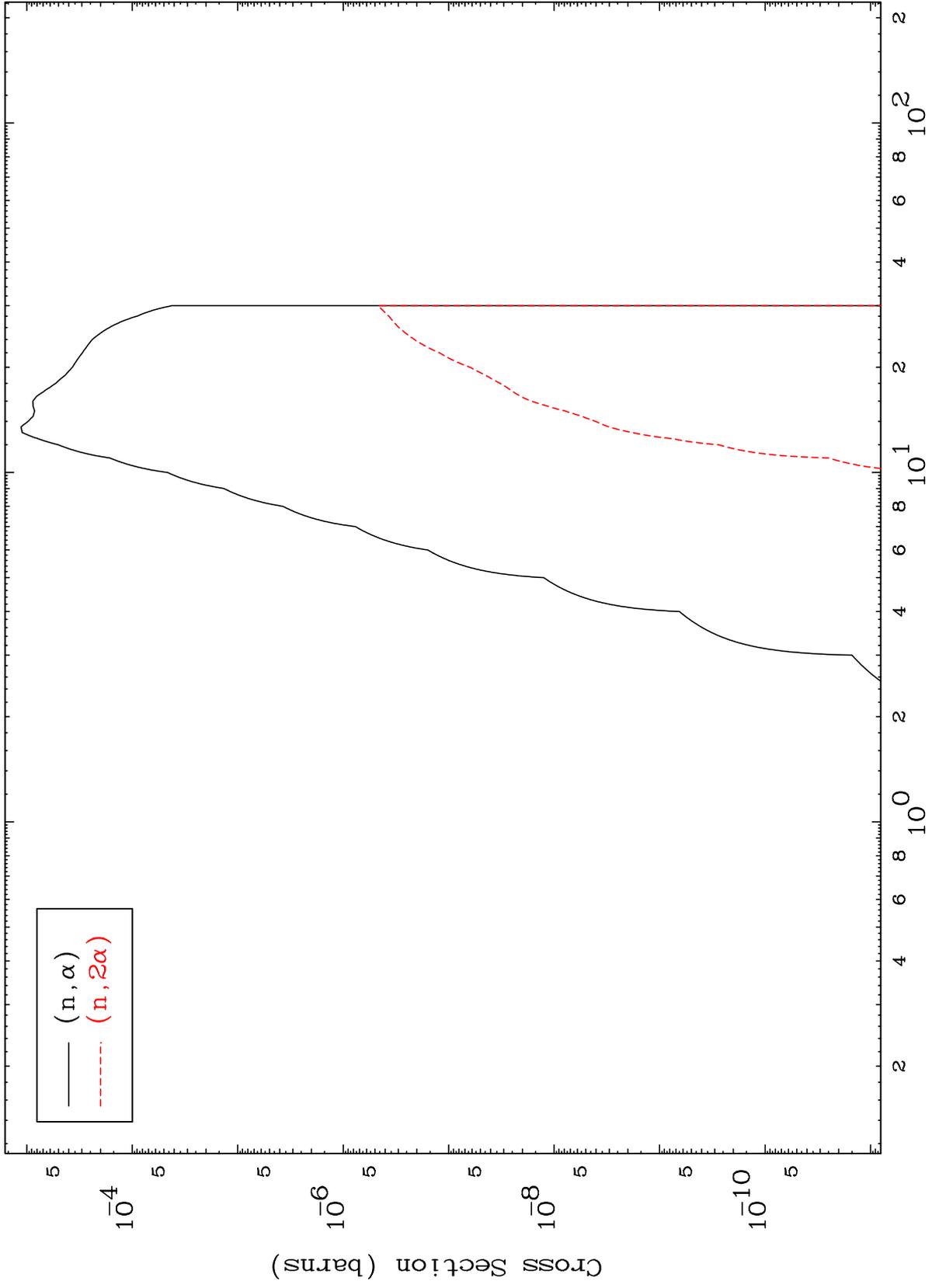
Incident Energy (MeV)

82-Pb-191

MAT 8186

(γ, α) Levels
0 Kelvin Cross Sections

82-Pb-191

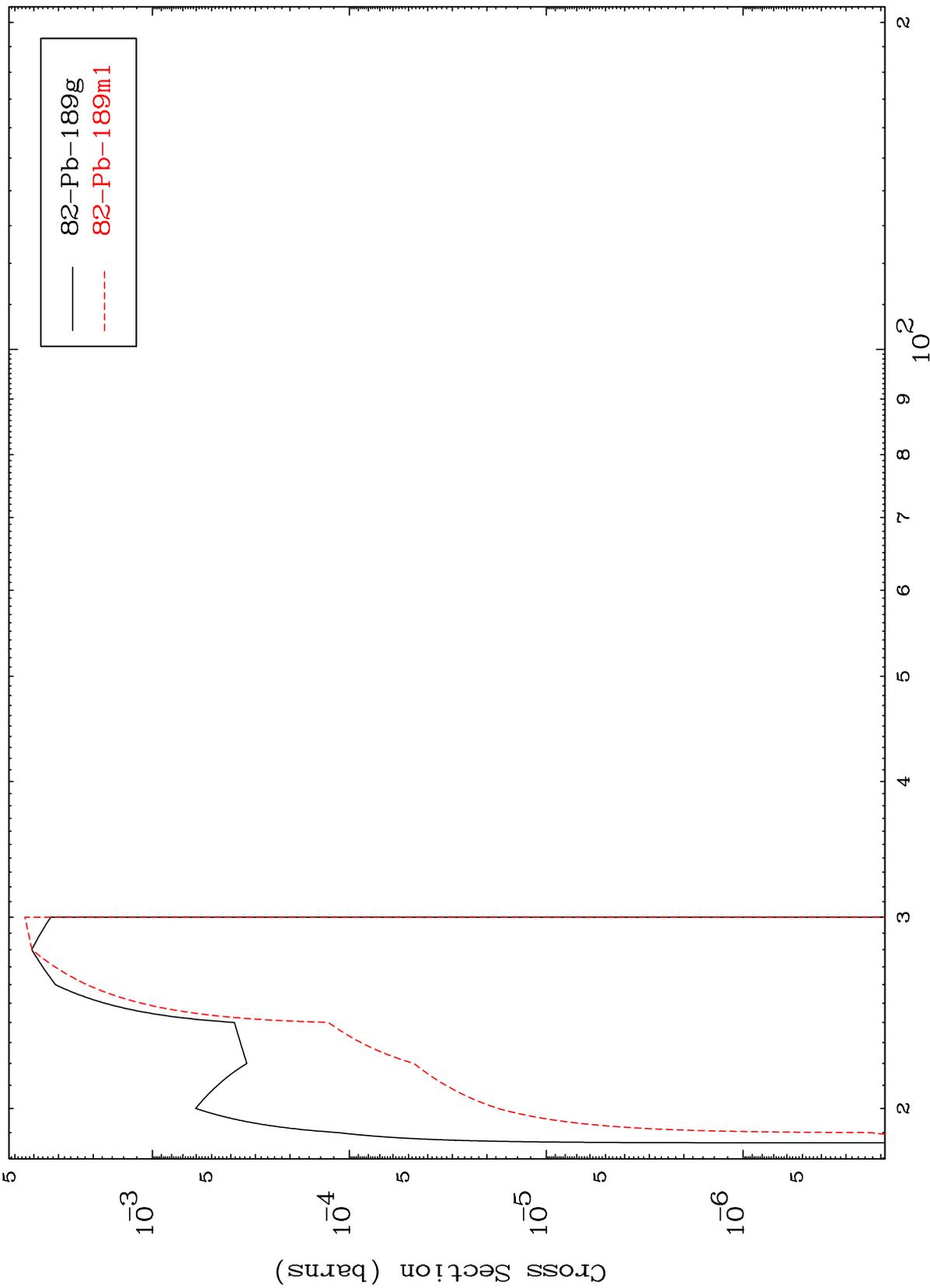


82-Pb-191

MAT 8186

82-Pb-191

(n,2n)
Radionuclide Production Cross Section



82-Pb-191

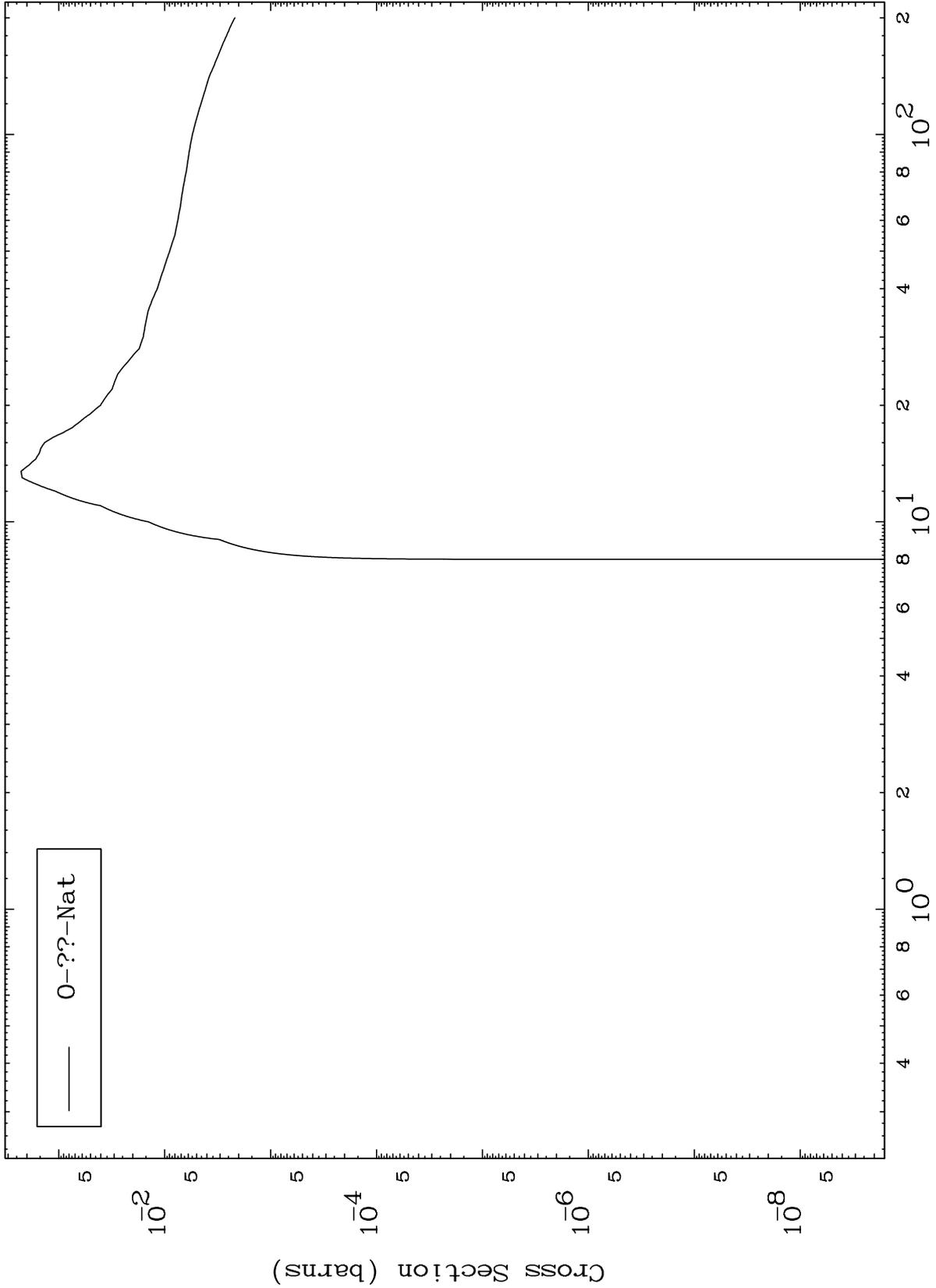
Incident Energy (MeV)

12

MAT 8186

82-Pb-191

Fission
Radionuclide Production Cross Section

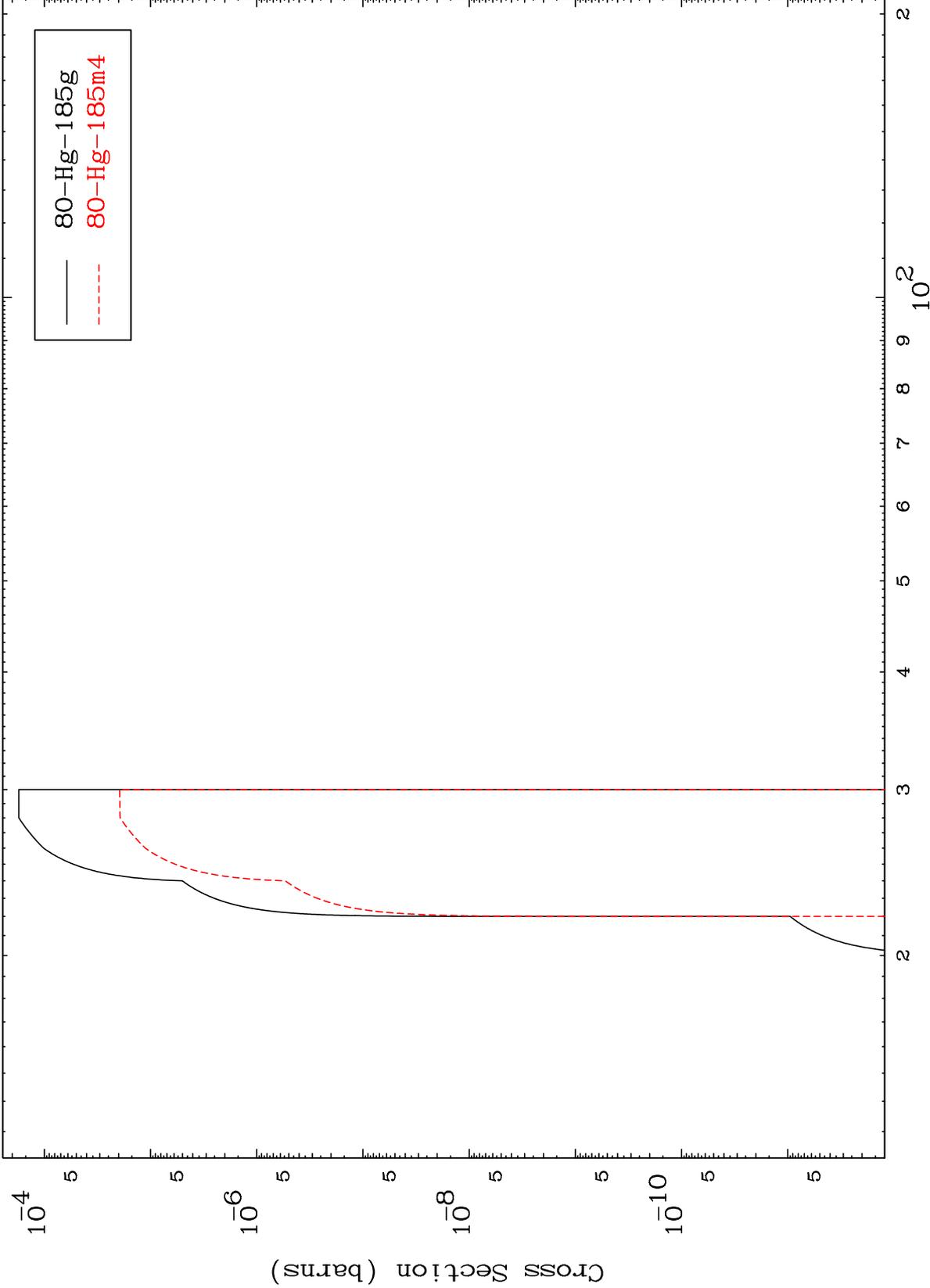


MAT 8186

(n,2n) α

82-Pb-191

Radionuclide Production Cross Section



14

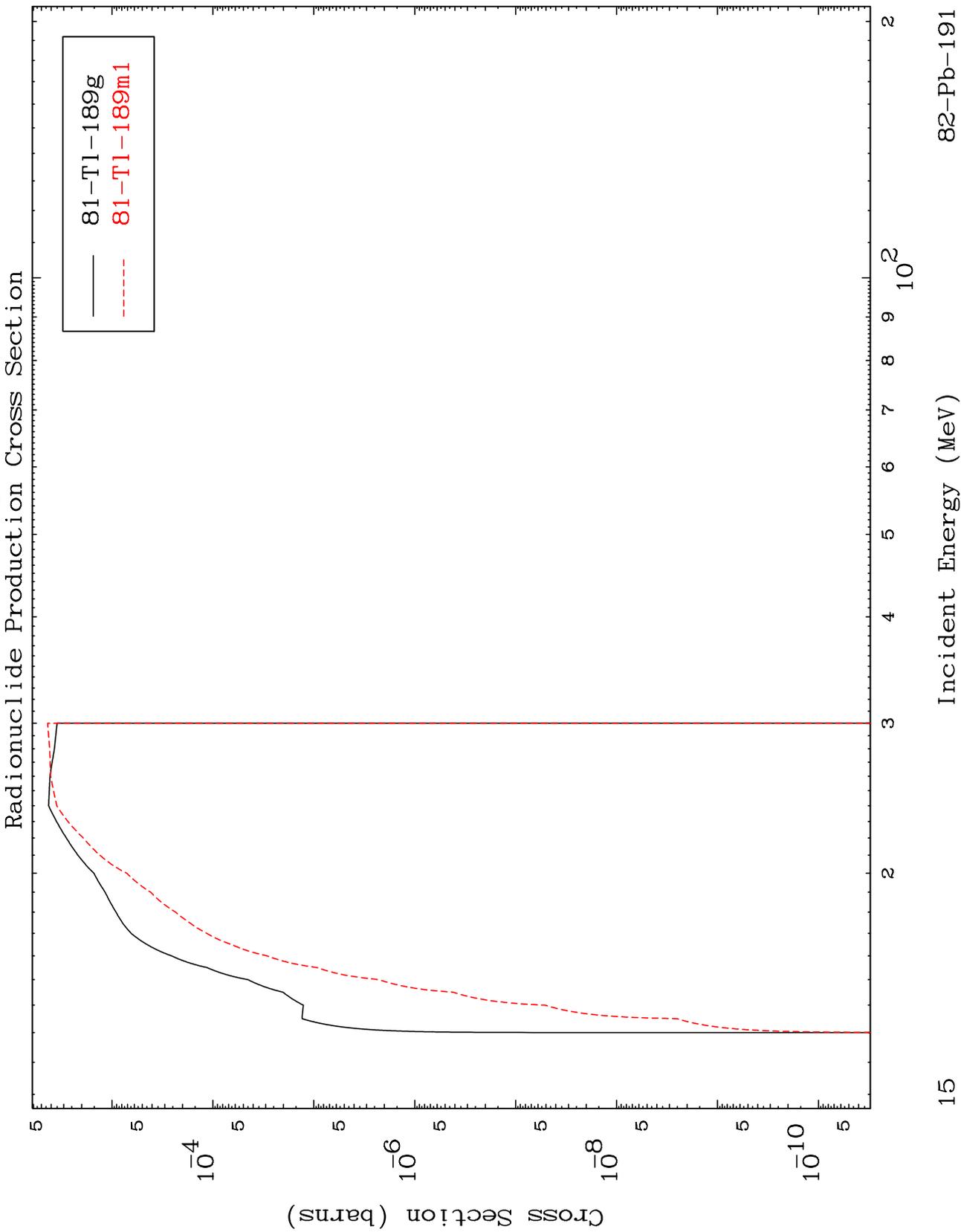
Incident Energy (MeV)

82-Pb-191

MAT 8186

(n,n') p

82-Pb-191

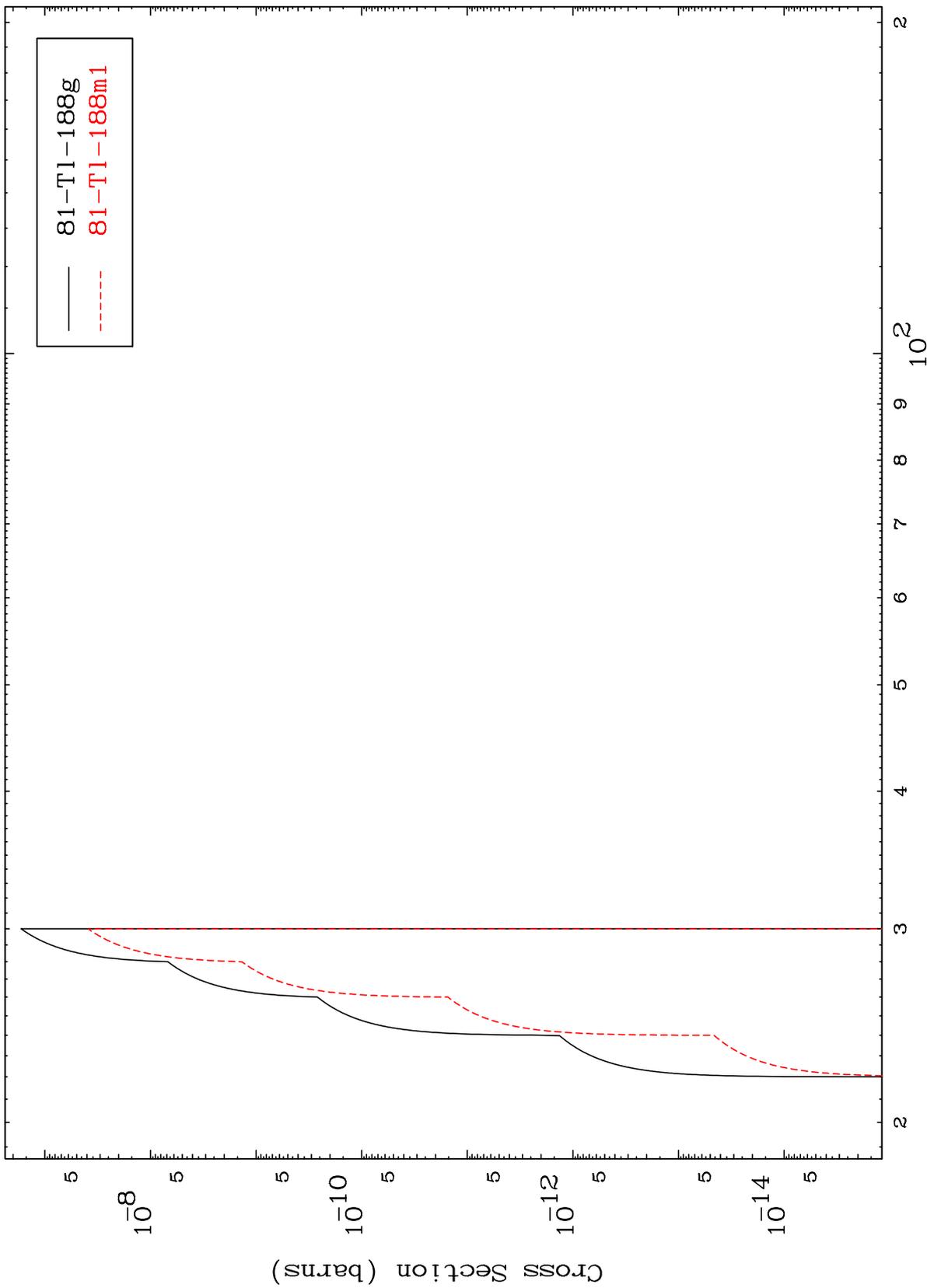


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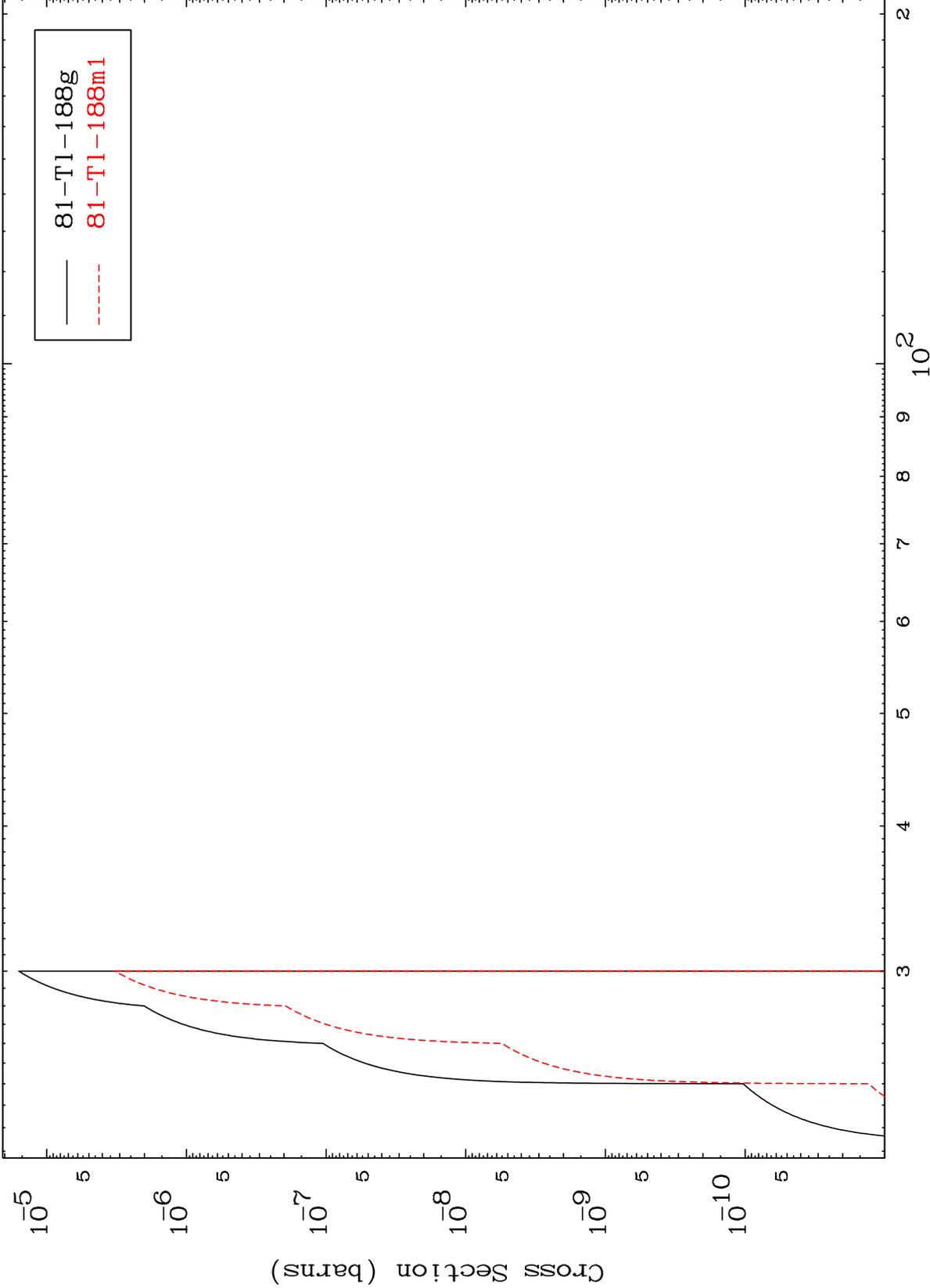
Incident Energy (MeV)

82-Pb-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section



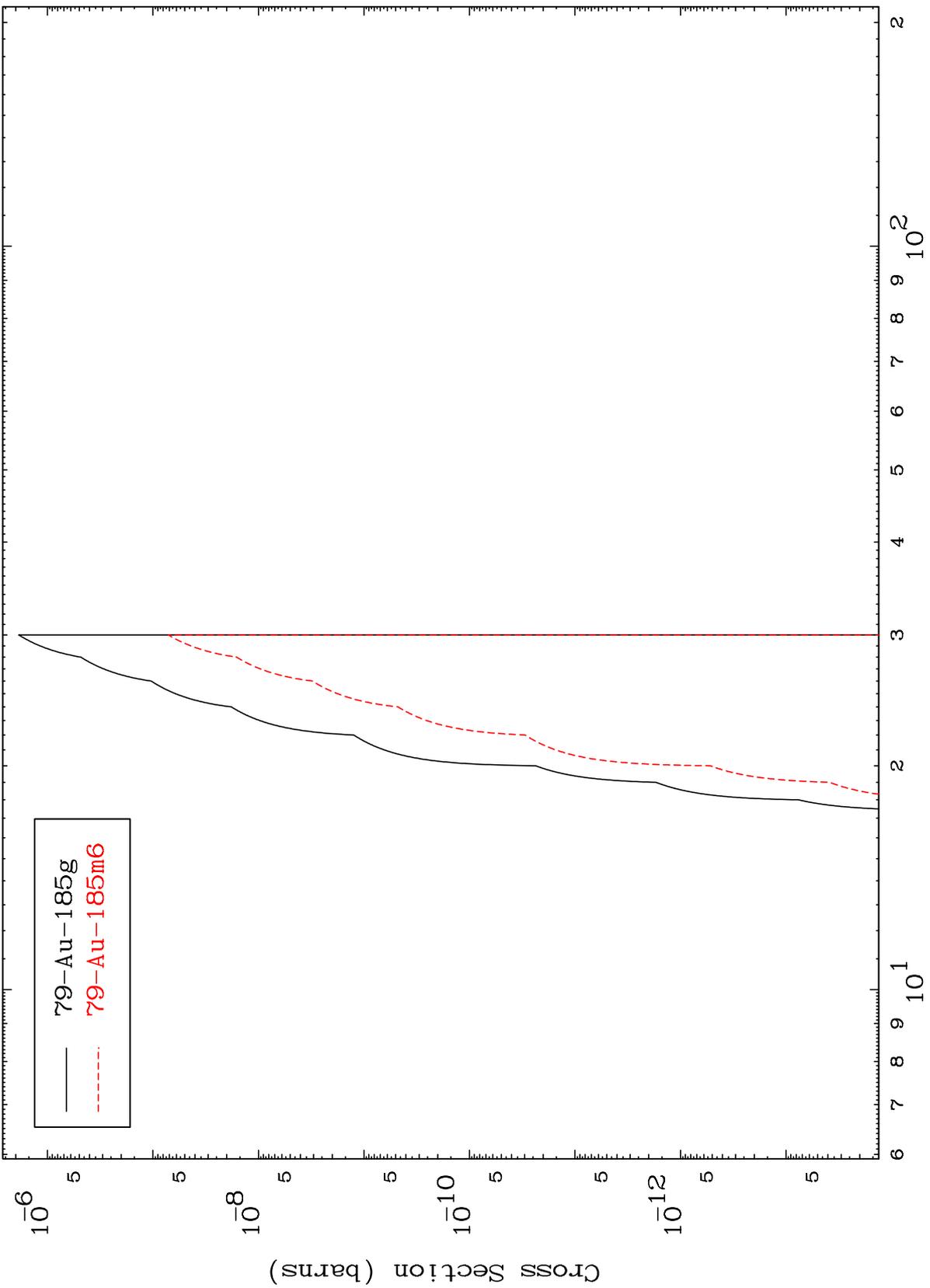
81-Tl-188g
81-Tl-188m1

MAT 8186

(n,n') p α

82-Pb-191

Radionuclide Production Cross Section



18

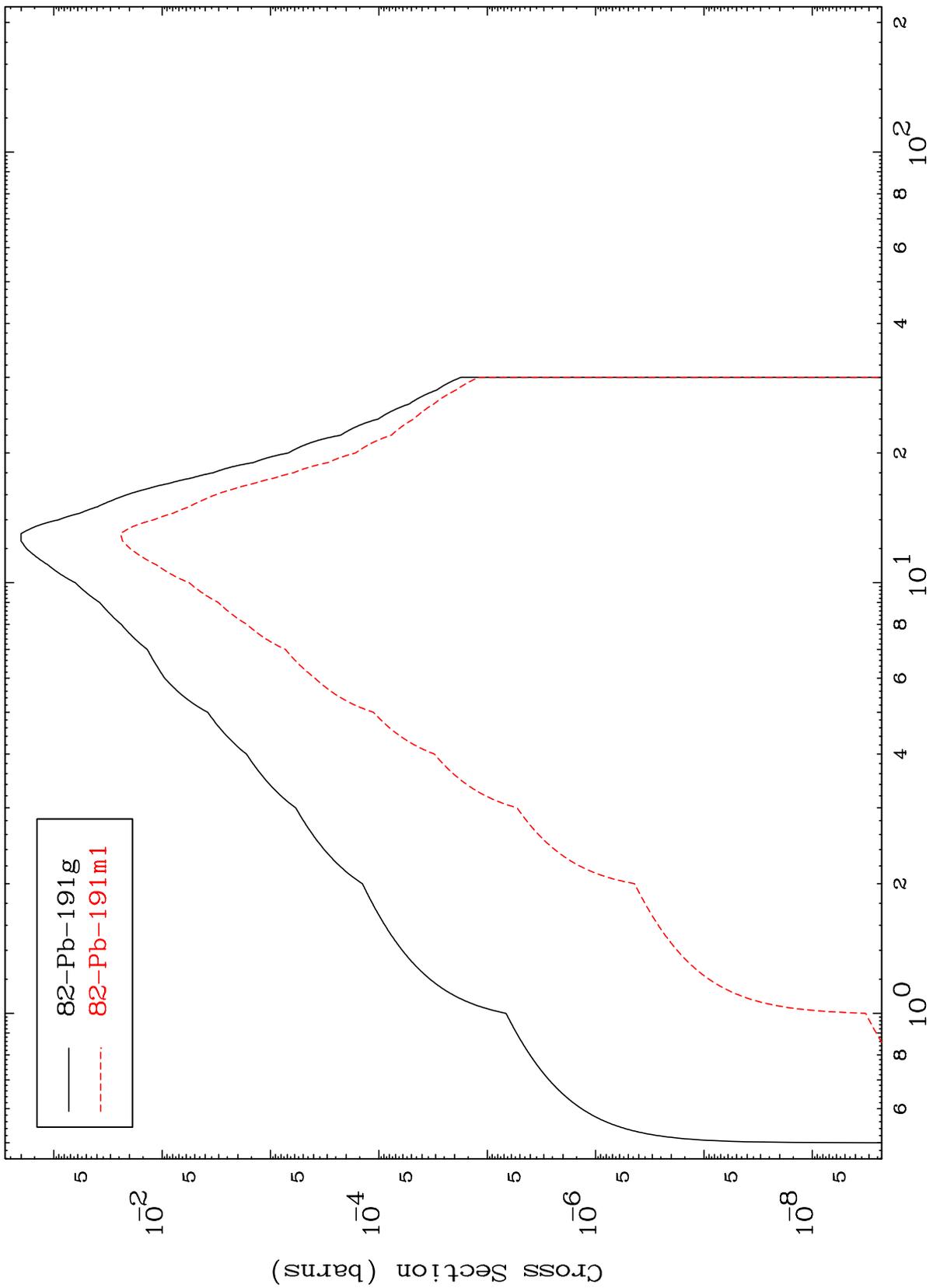
Incident Energy (MeV)

82-Pb-191

MAT 8186

82-Pb-191

Radionuclide Production Cross Section
(n, γ)



82-Pb-191 g
82-Pb-191 m1

82-Pb-191

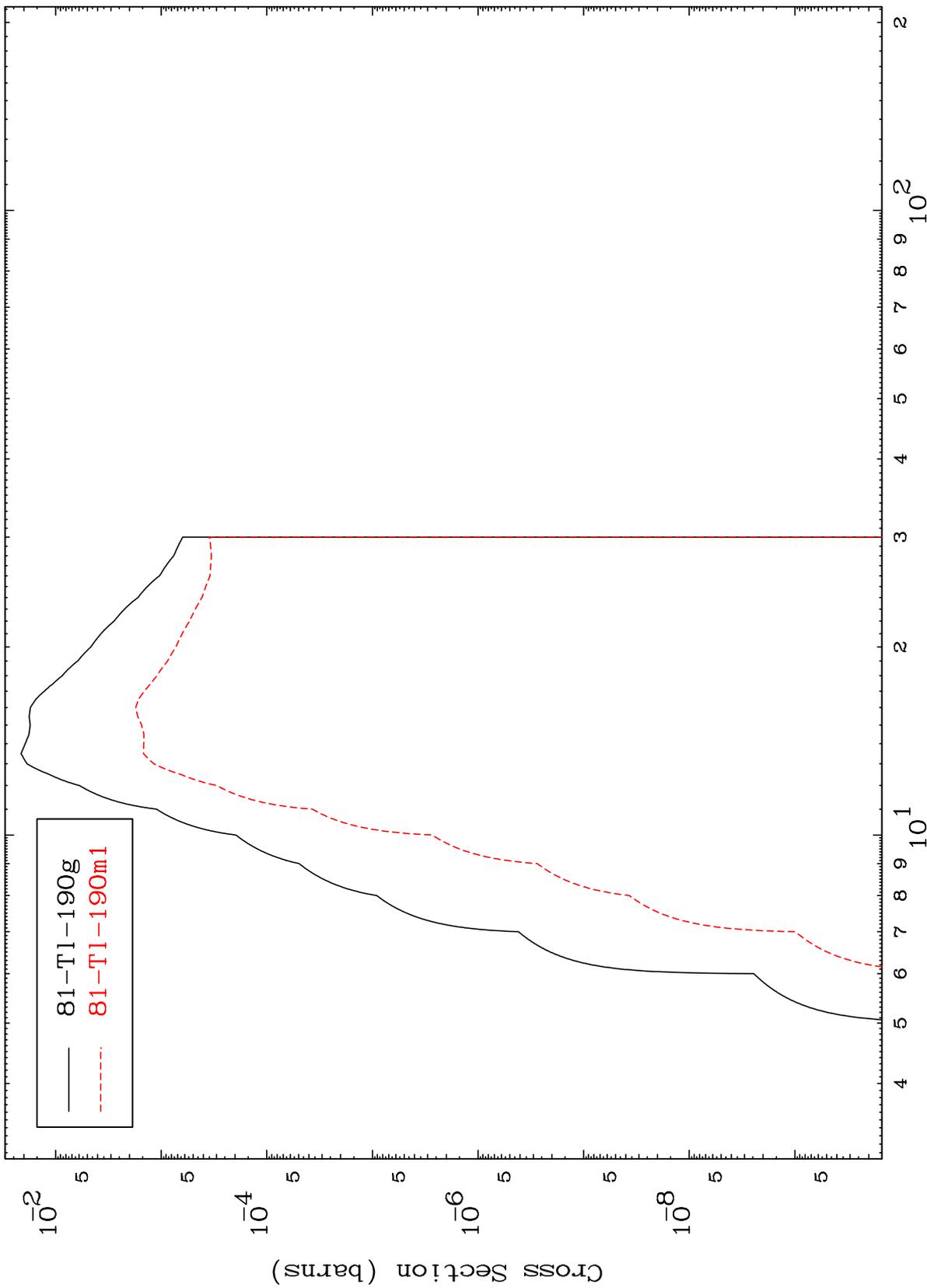
Incident Energy (MeV)

19

MAT 8186

82-Pb-191

Radionuclide Production Cross Section (n,p)



81-Tl-190g
81-Tl-190m1

82-Pb-191

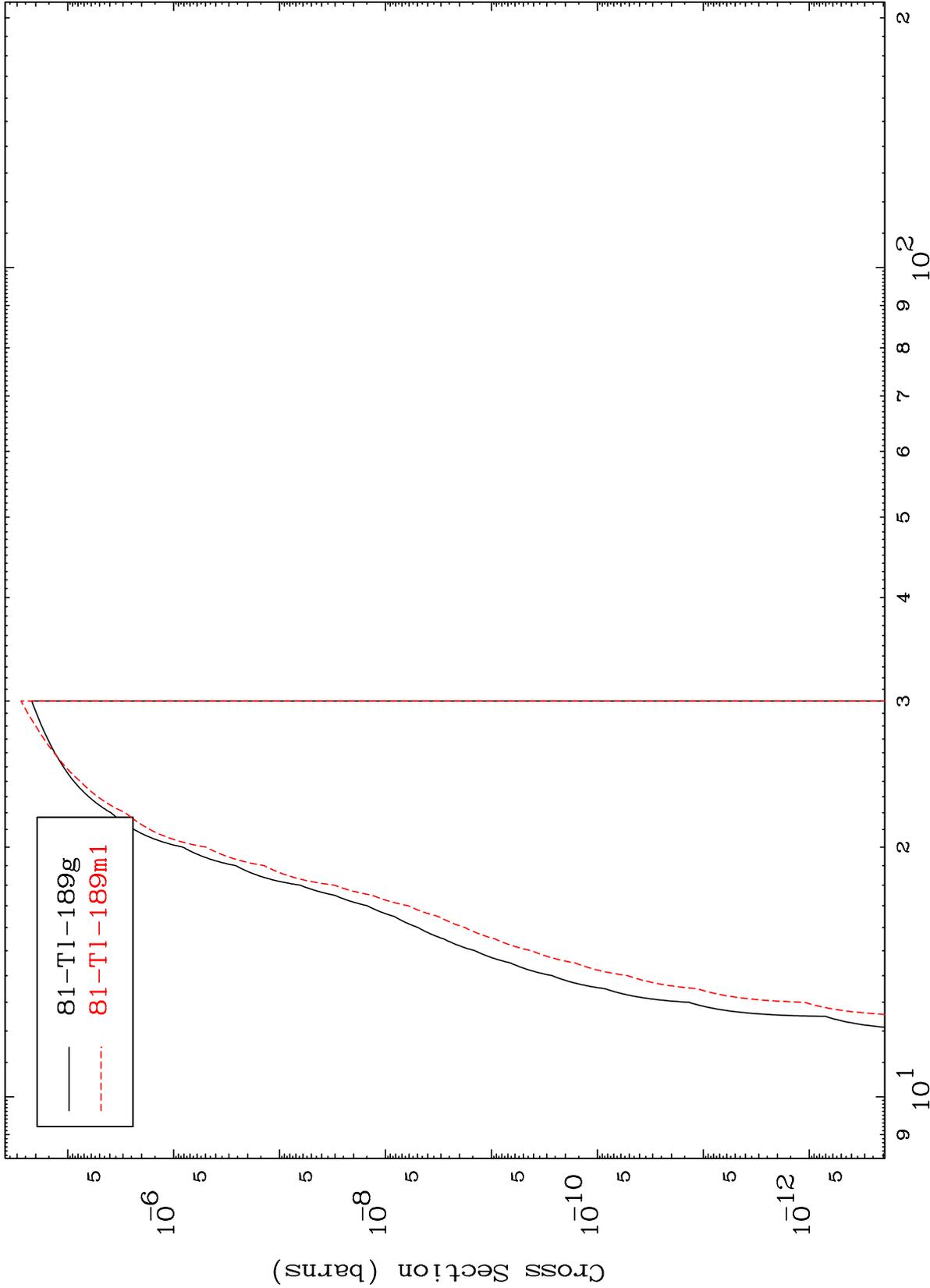
Incident Energy (MeV)

20

MAT 8186

82-Pb-191

(n,d)
Radionuclide Production Cross Section

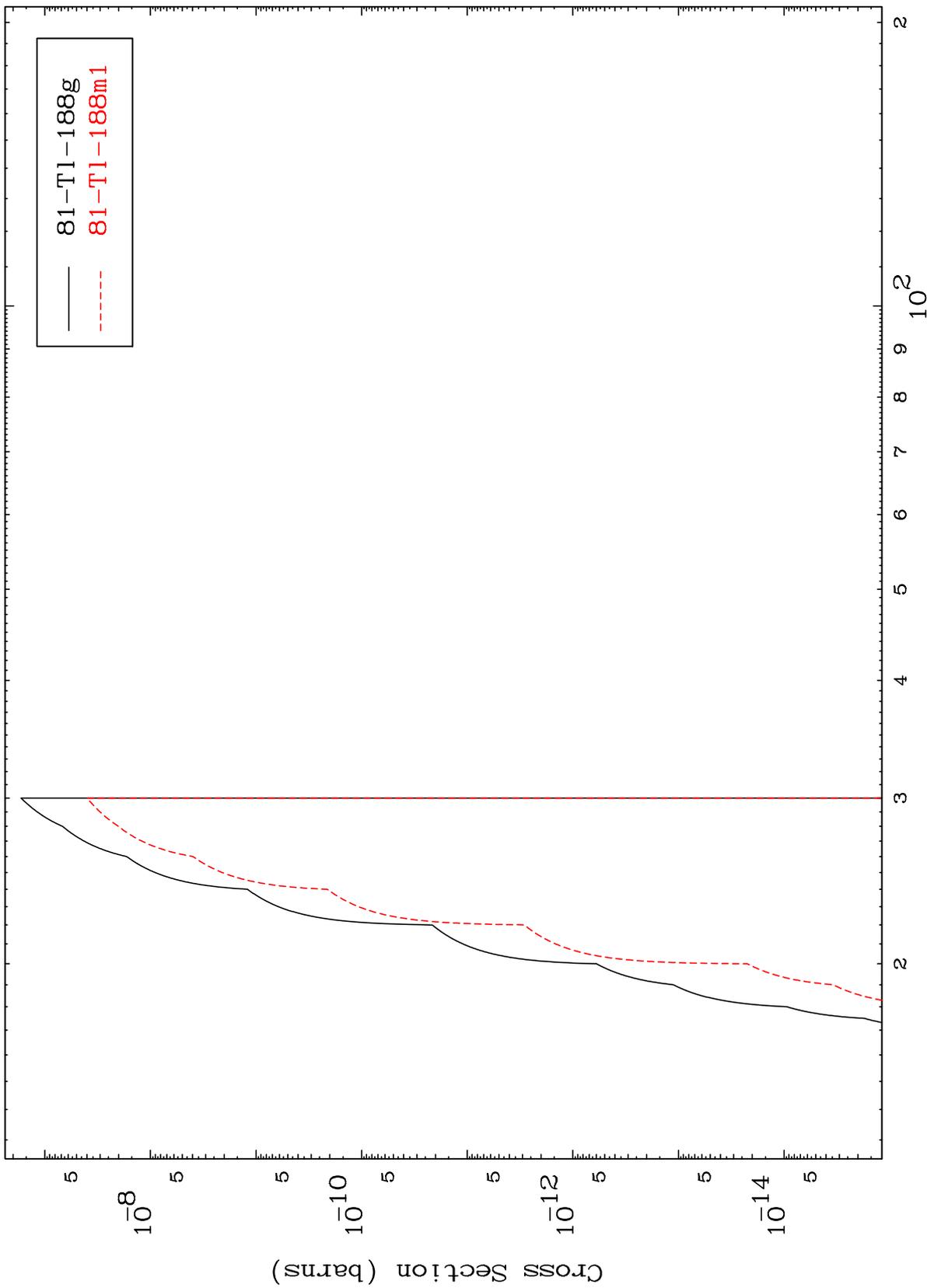


82-Pb-191

Incident Energy (MeV)

21

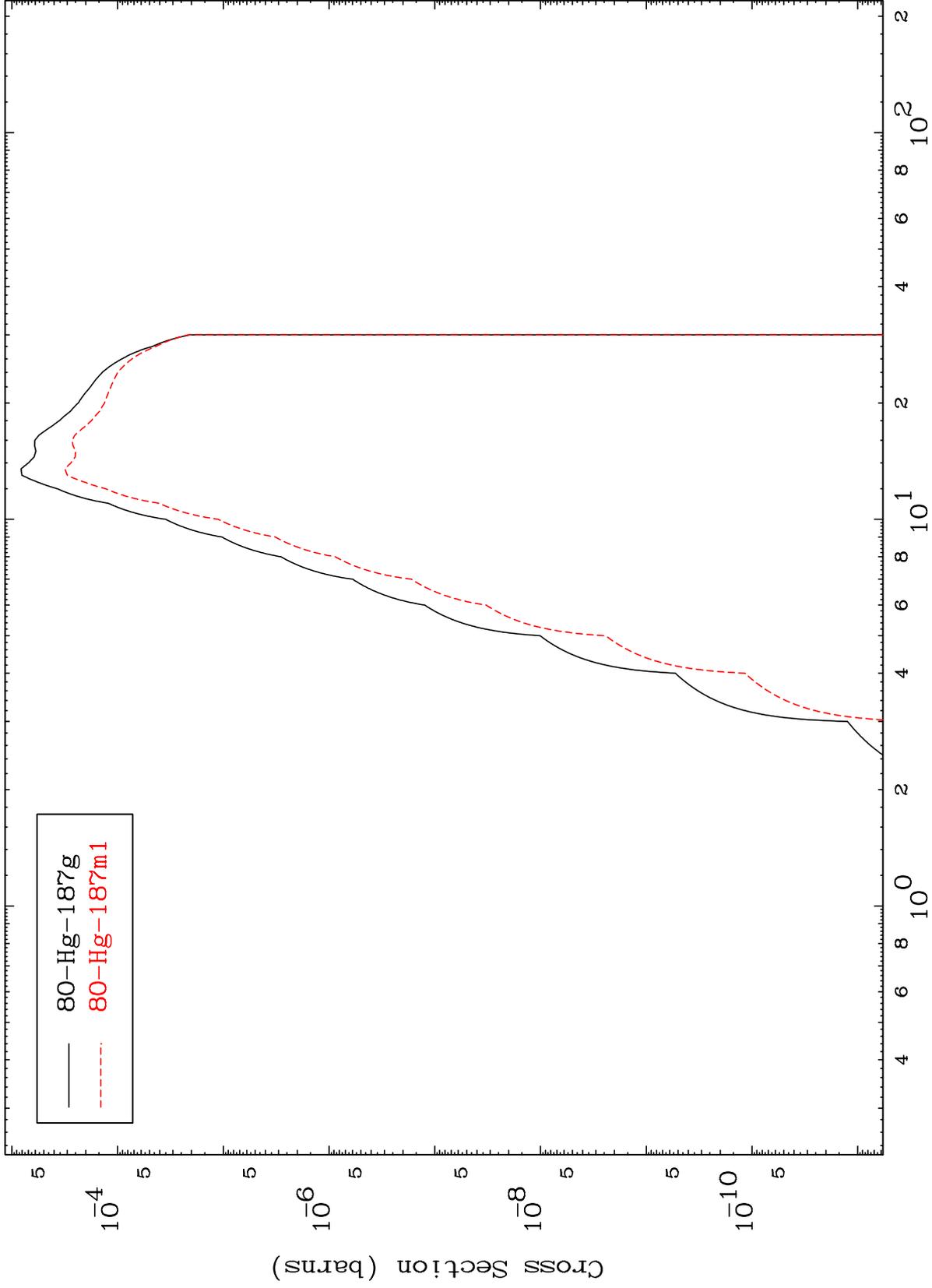
(n,t)
Radionuclide Production Cross Section



MAT 8186

82-Pb-191

(n, α)
Radionuclide Production Cross Section



23

82-Pb-191

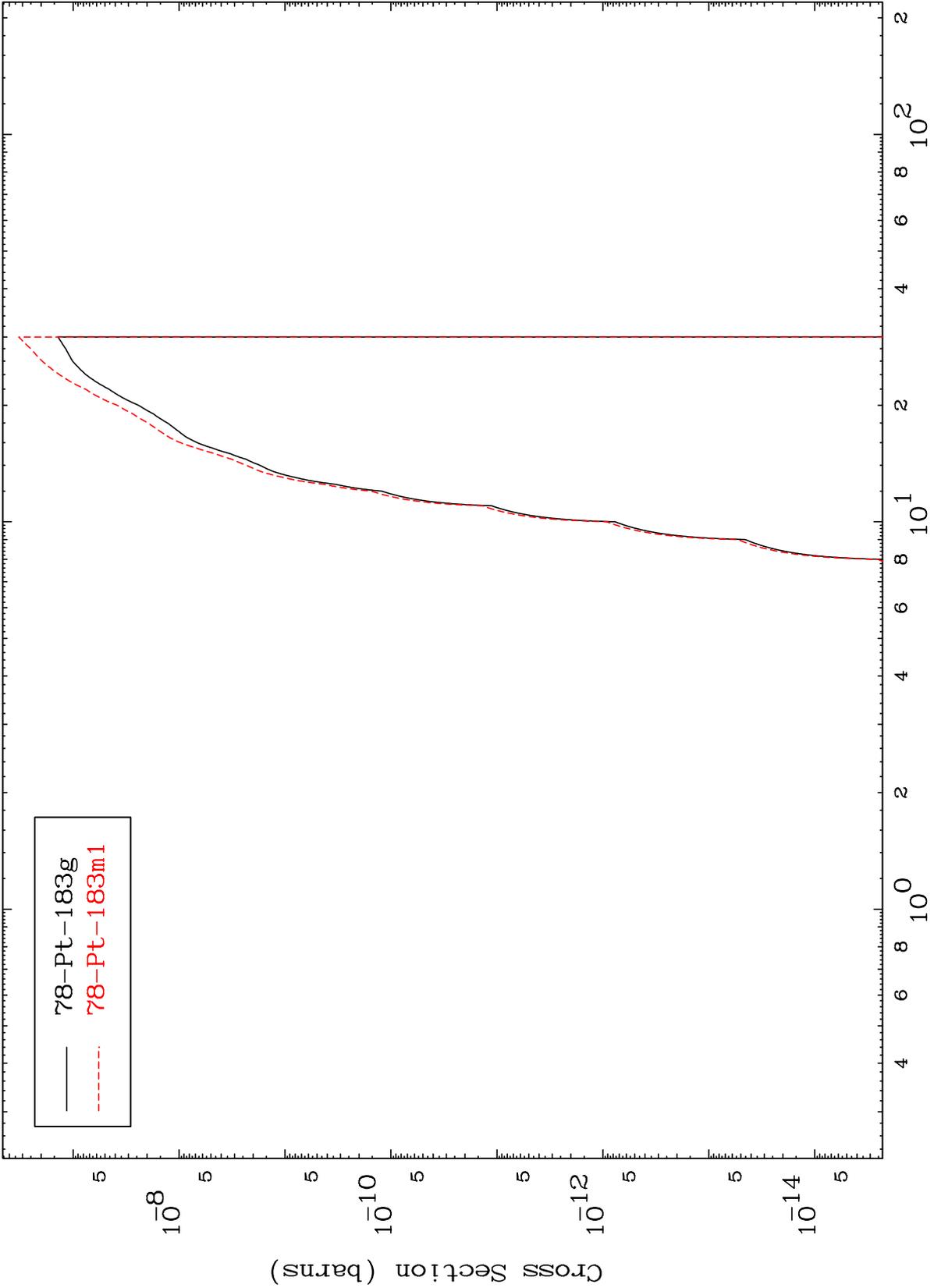
Incident Energy (MeV)

MAT 8186

(n,2α)

82-Pb-191

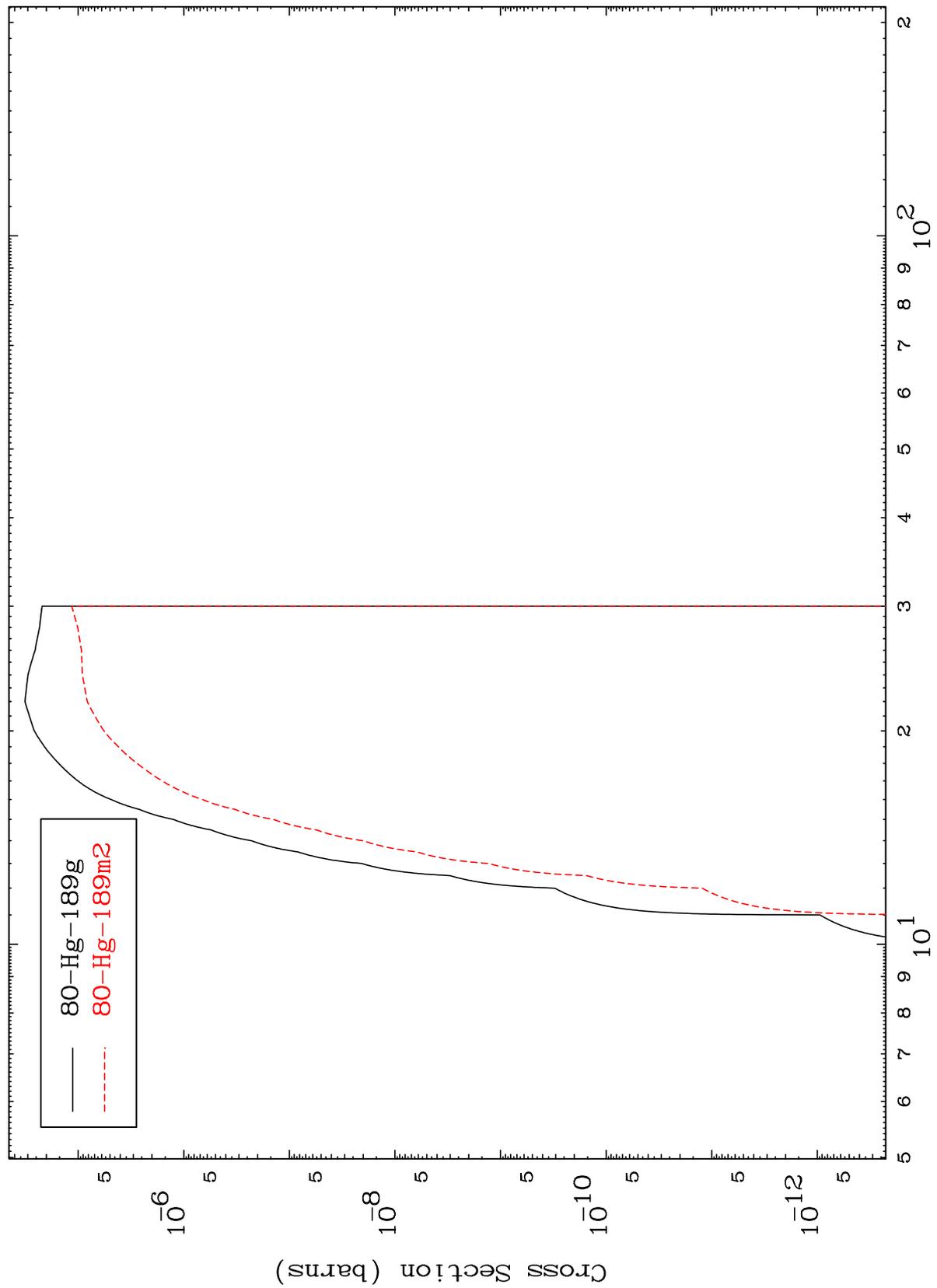
Radionuclide Production Cross Section



MAT 8186

82-Pb-191

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

82-Pb-191

