

Program EVALPLOT
(Version 2018-1)

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

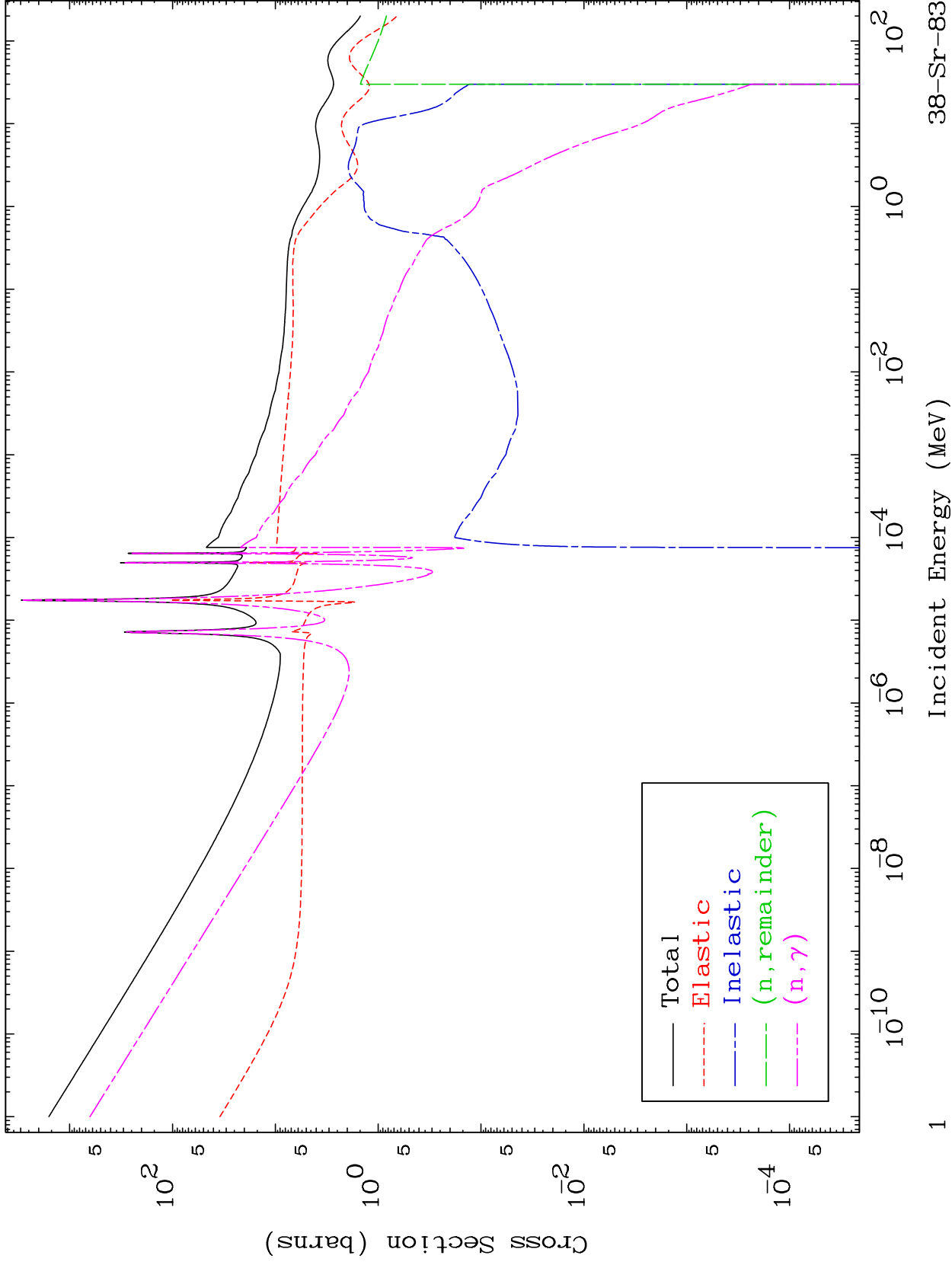
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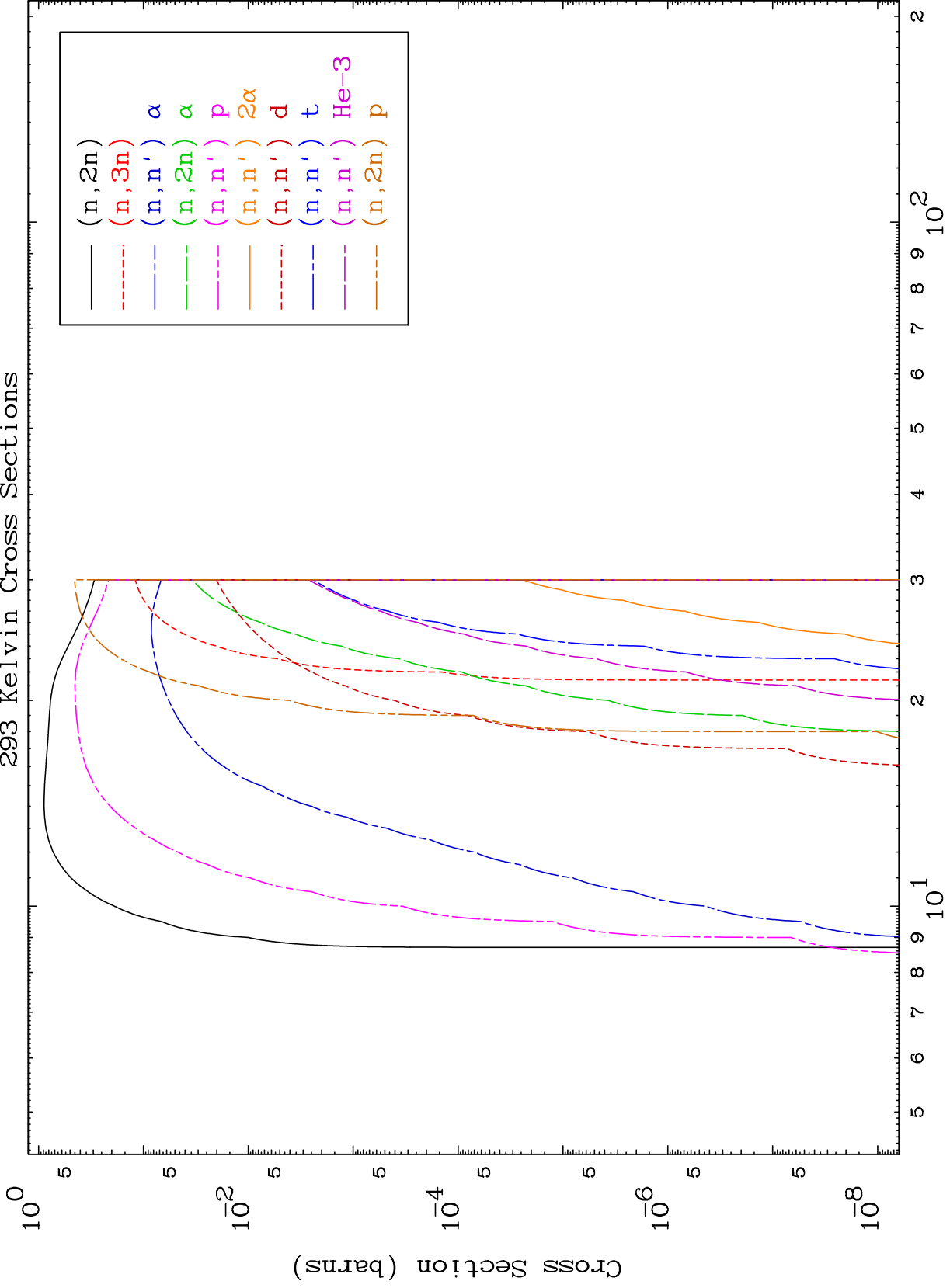
Press Mouse Button to Start

MAT 3823

Major
293 Kelvin Cross Sections

38-Sr-83

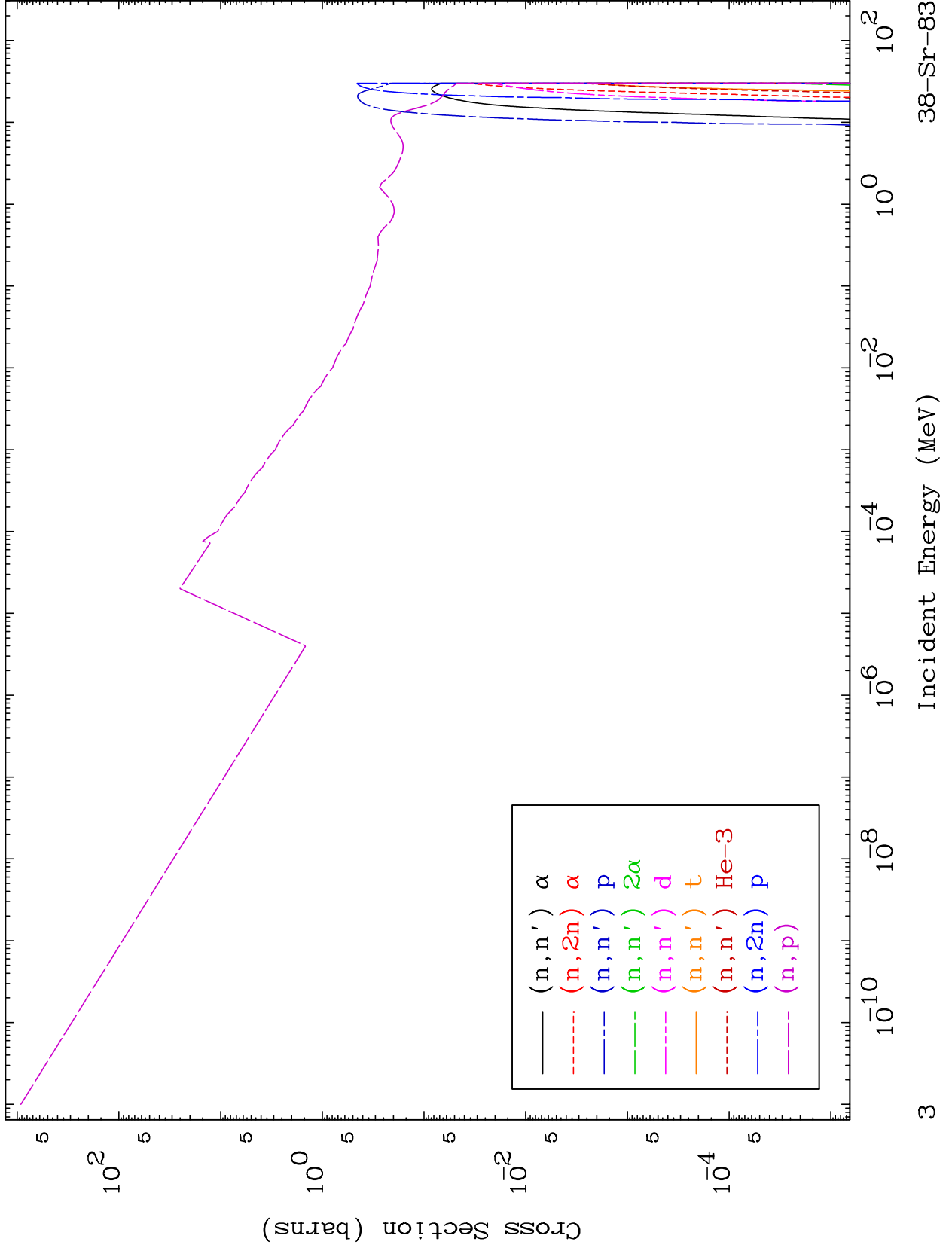




MAT 3823

Charged Particle
293 Kelvin Cross Sections

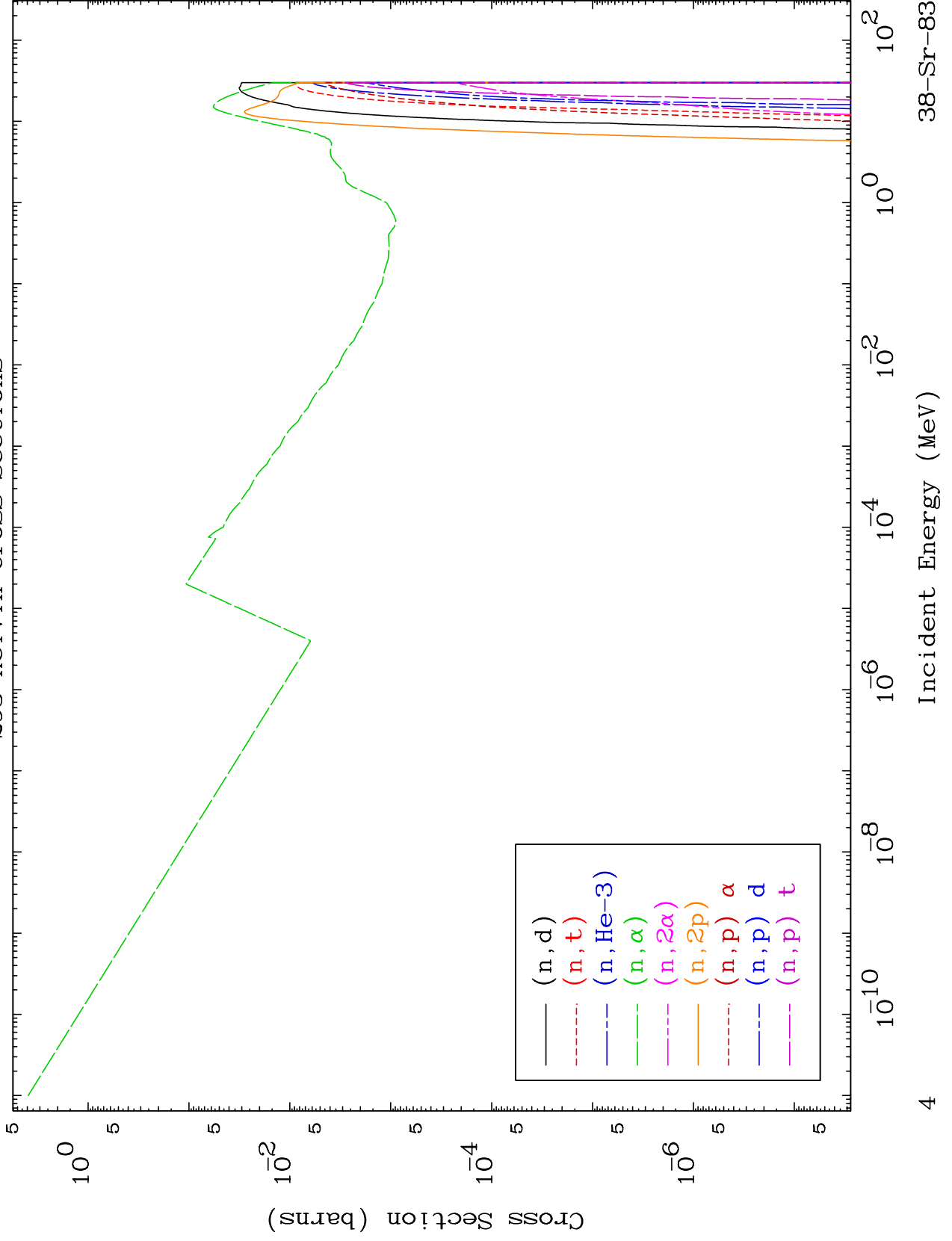
38-Sr-83



MAT 3823

Charged Particle
293 Kelvin Cross Sections

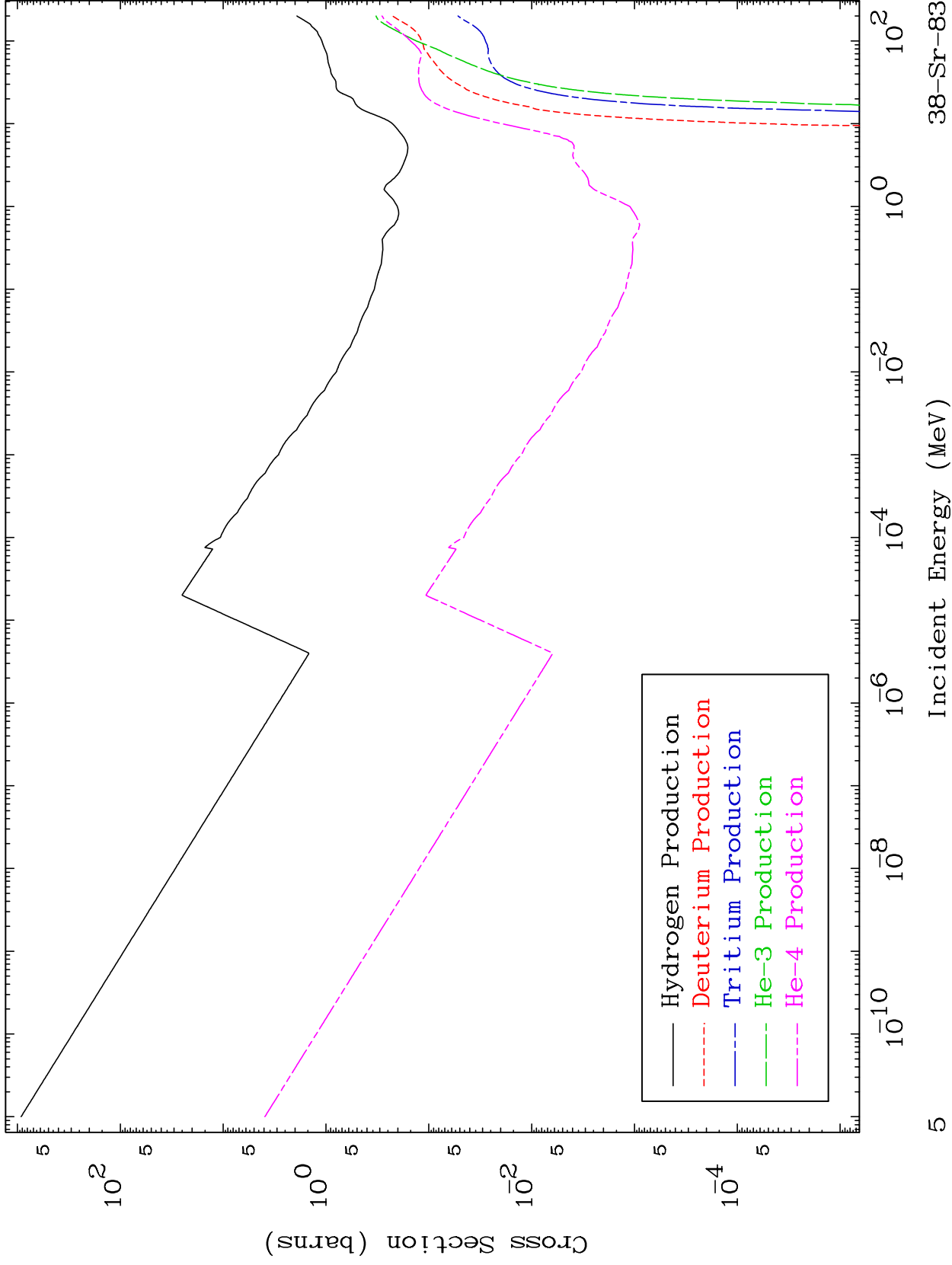
38-Sr-83



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Particle Production
293 Kelvin Cross Sections

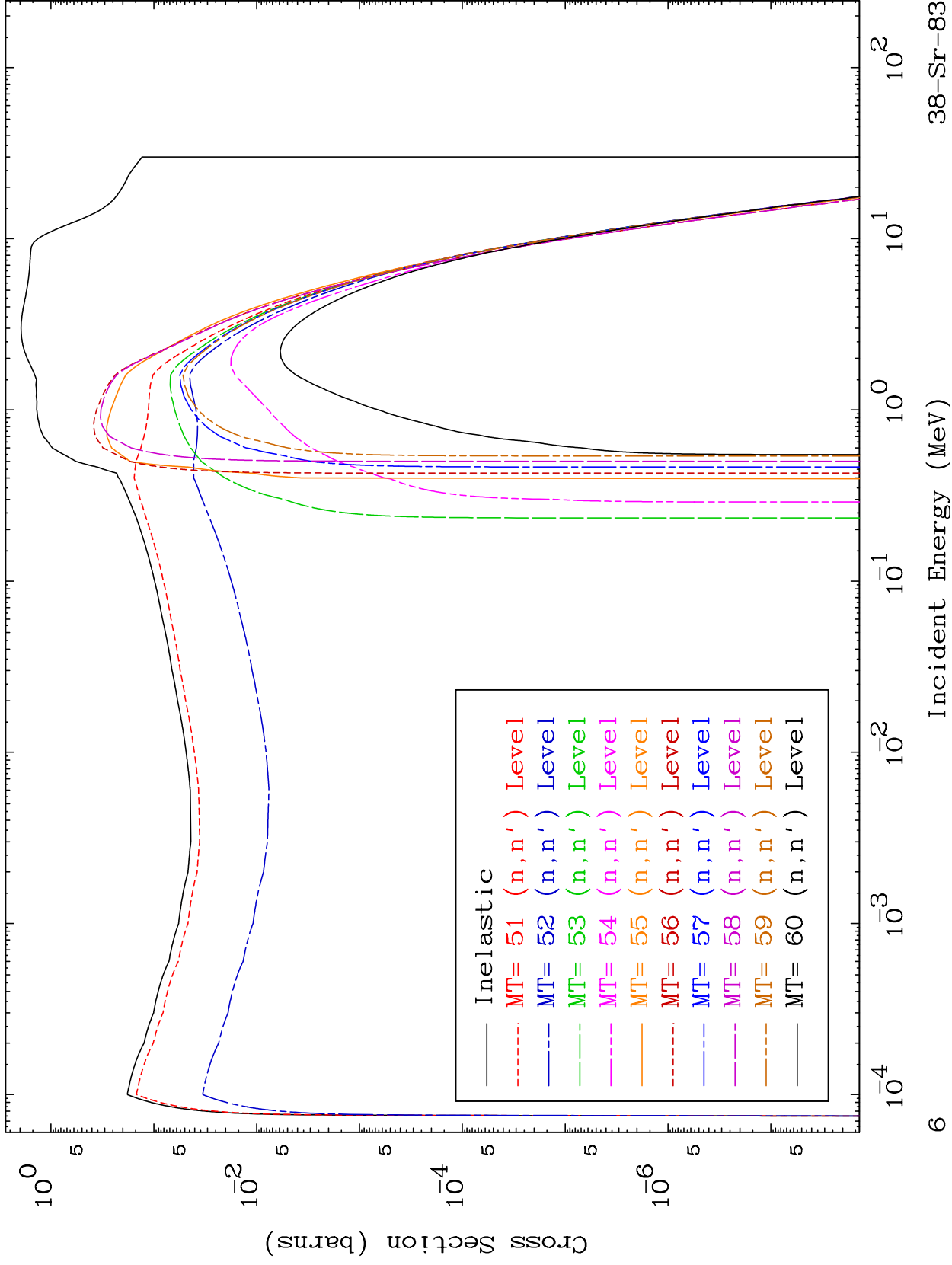
38-Sr-83



MAT 3823

(n,n') Level
293 Kelvin Cross Sections

38-Sr-83

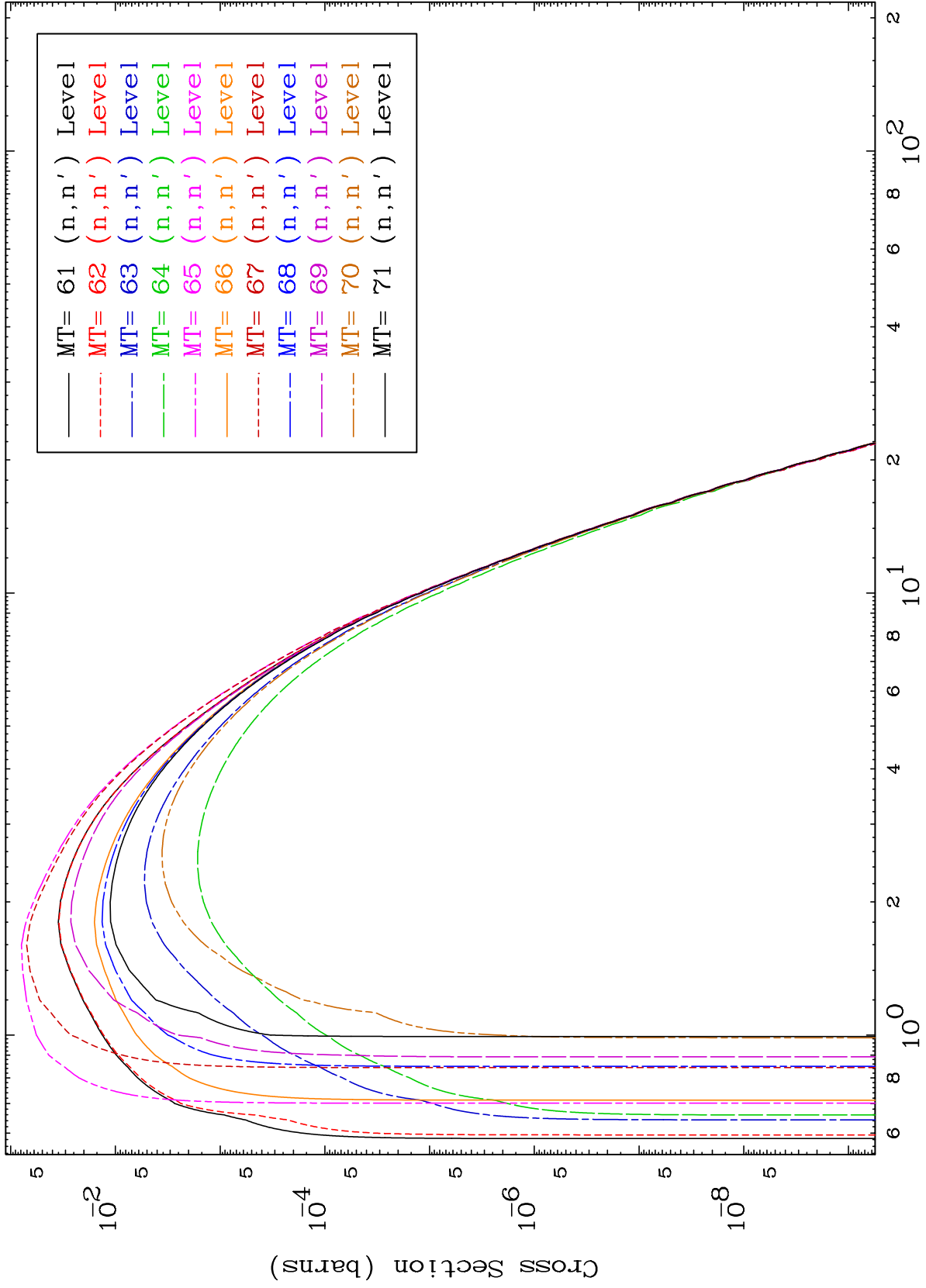


MAT 3823

(n,n') Level

38-Sr-83

293 Kelvin Cross Sections

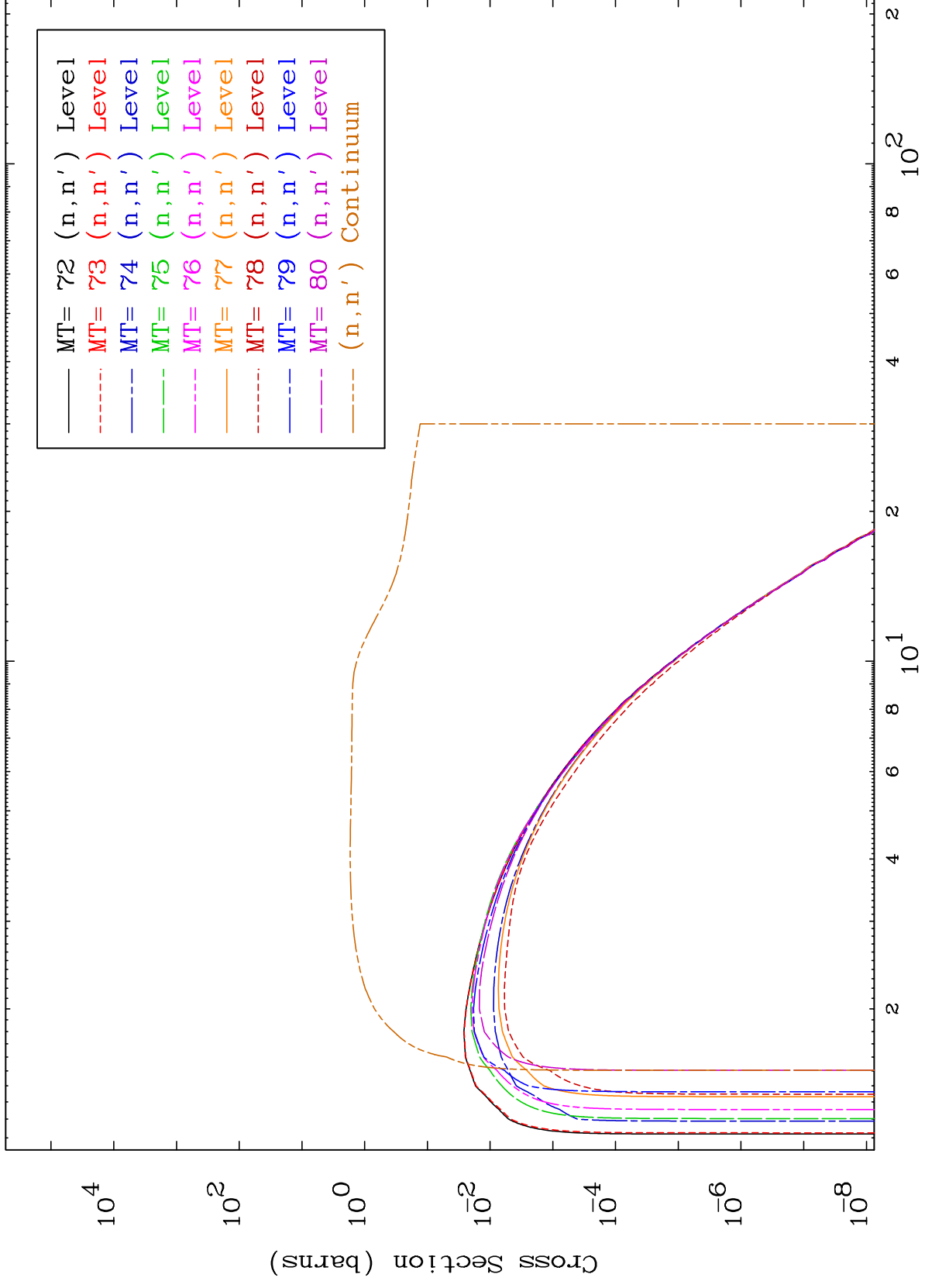


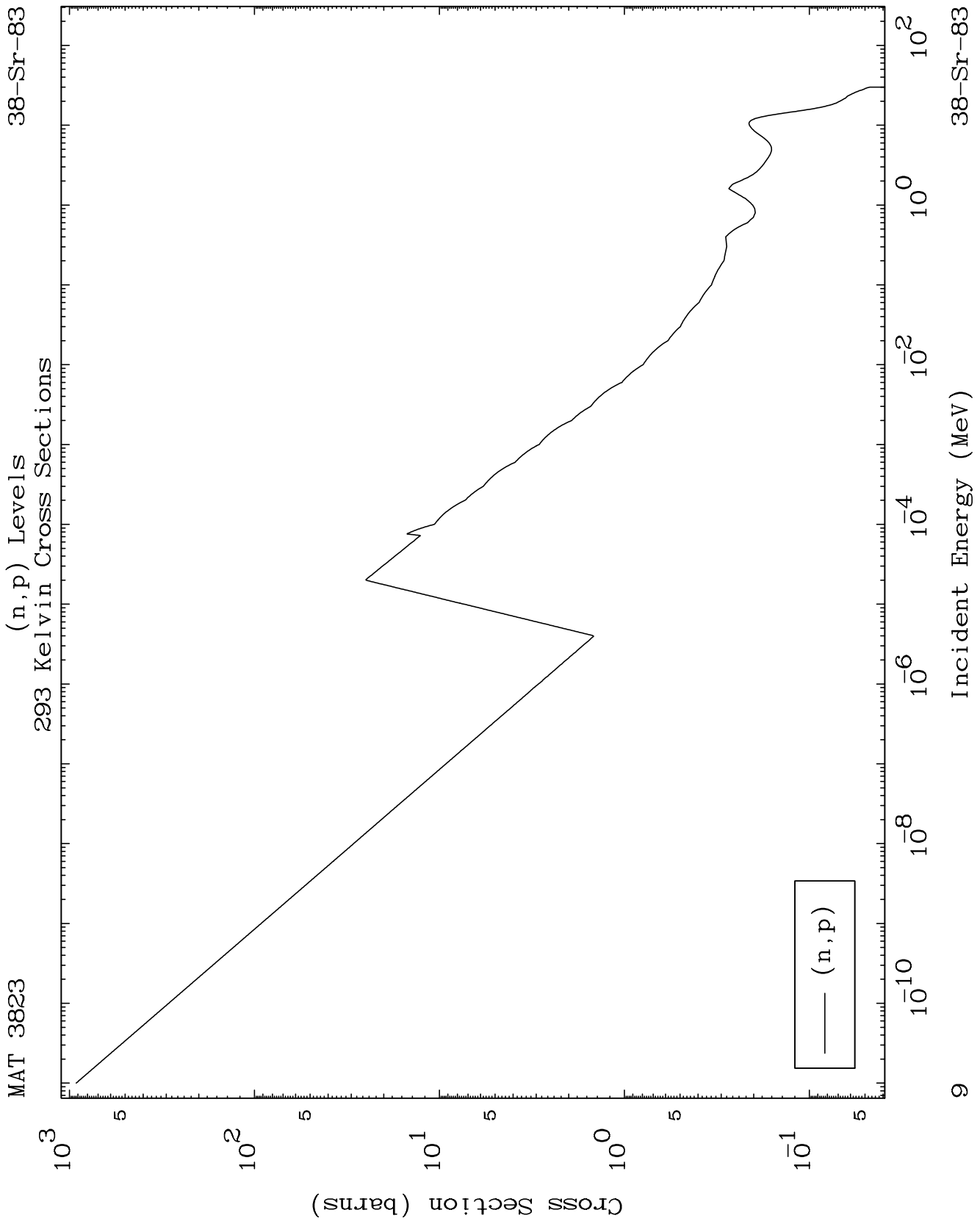
Incident Energy (MeV)

38-Sr-83

7

293 Kelvin Cross Sections

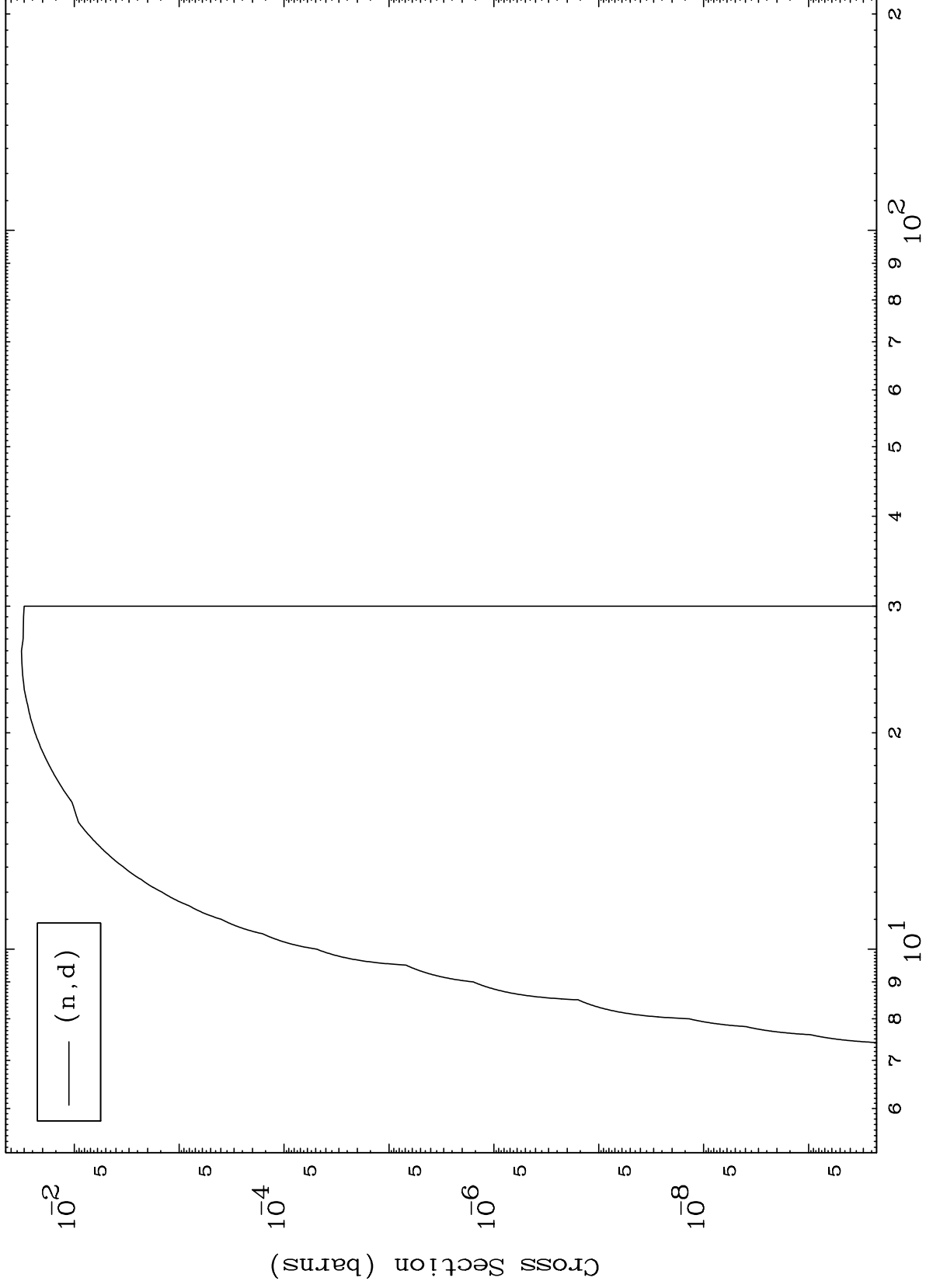




MAT 3823

(n,d) Levels
293 Kelvin Cross Sections

38-Sr-83



10

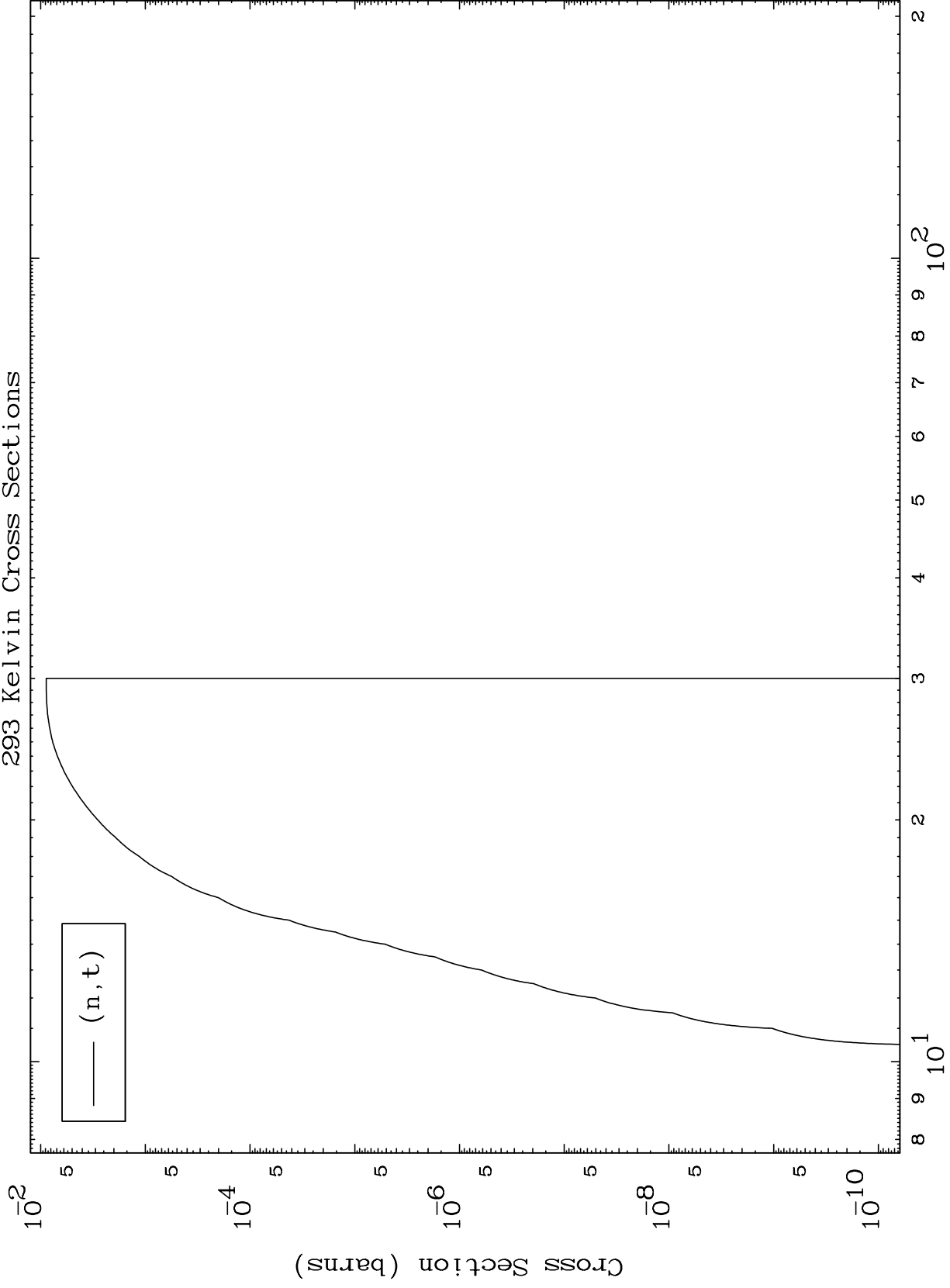
Incident Energy (MeV)

38-Sr-83

MAT 3823

(n,t) Levels
293 Kelvin Cross Sections

38-Sr-83



11

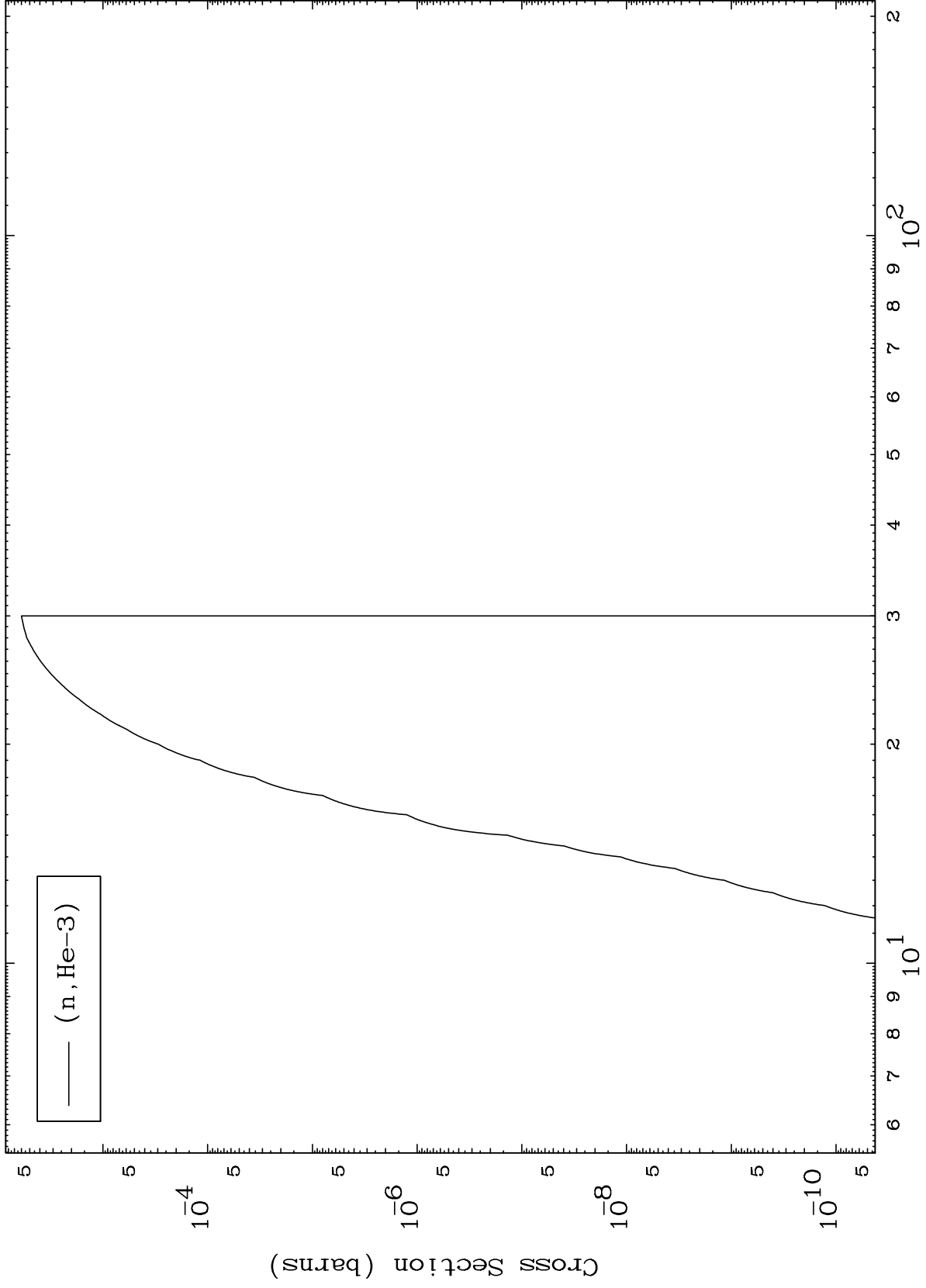
Incident Energy (MeV)

38-Sr-83

MAT 3823

(n,He3) Levels
293 Kelvin Cross Sections

38-Sr-83



12

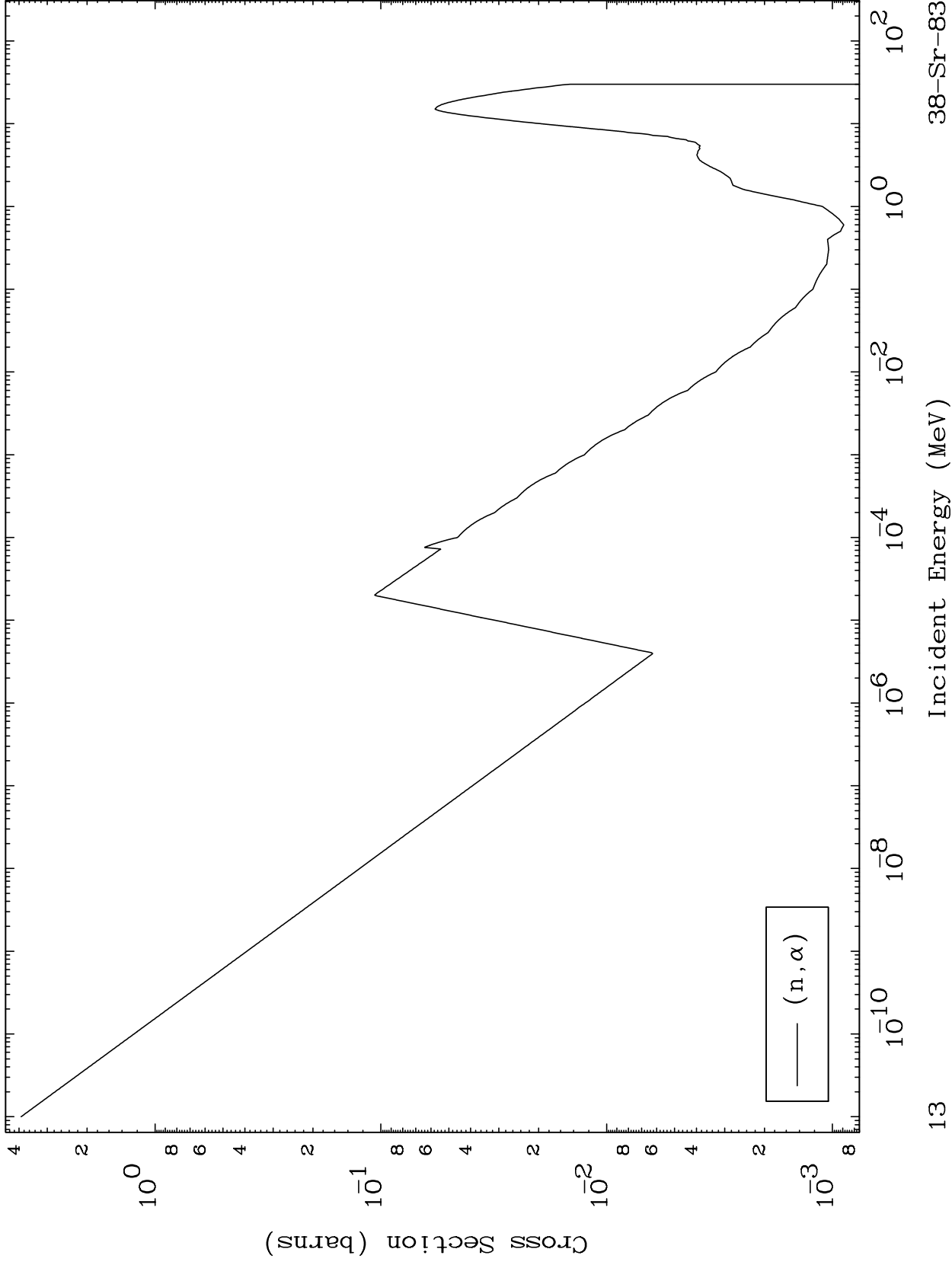
Incident Energy (MeV)

38-Sr-83

MAT 3823

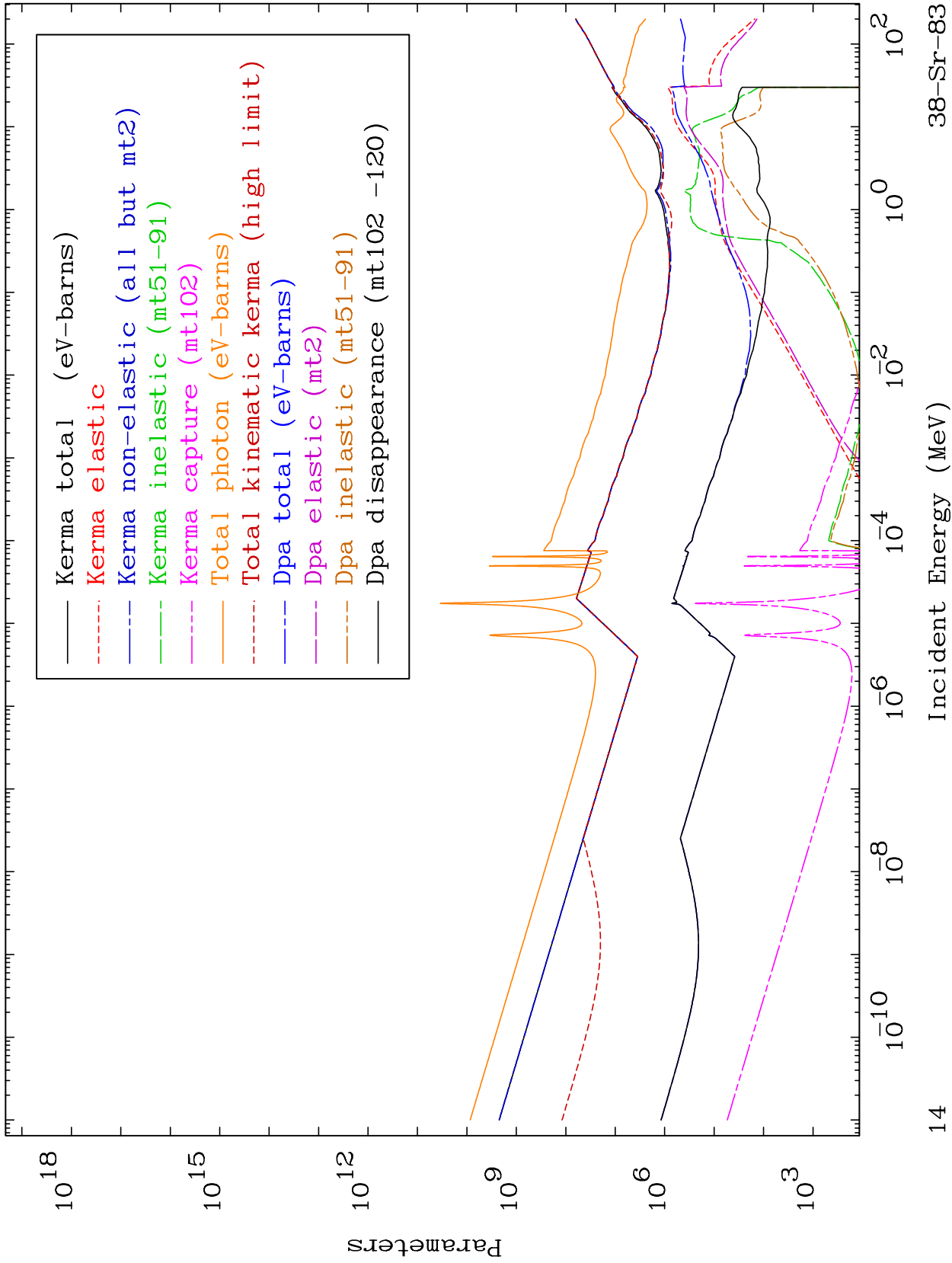
(n,α) Levels
293 Kelvin Cross Sections

38-Sr-83



13

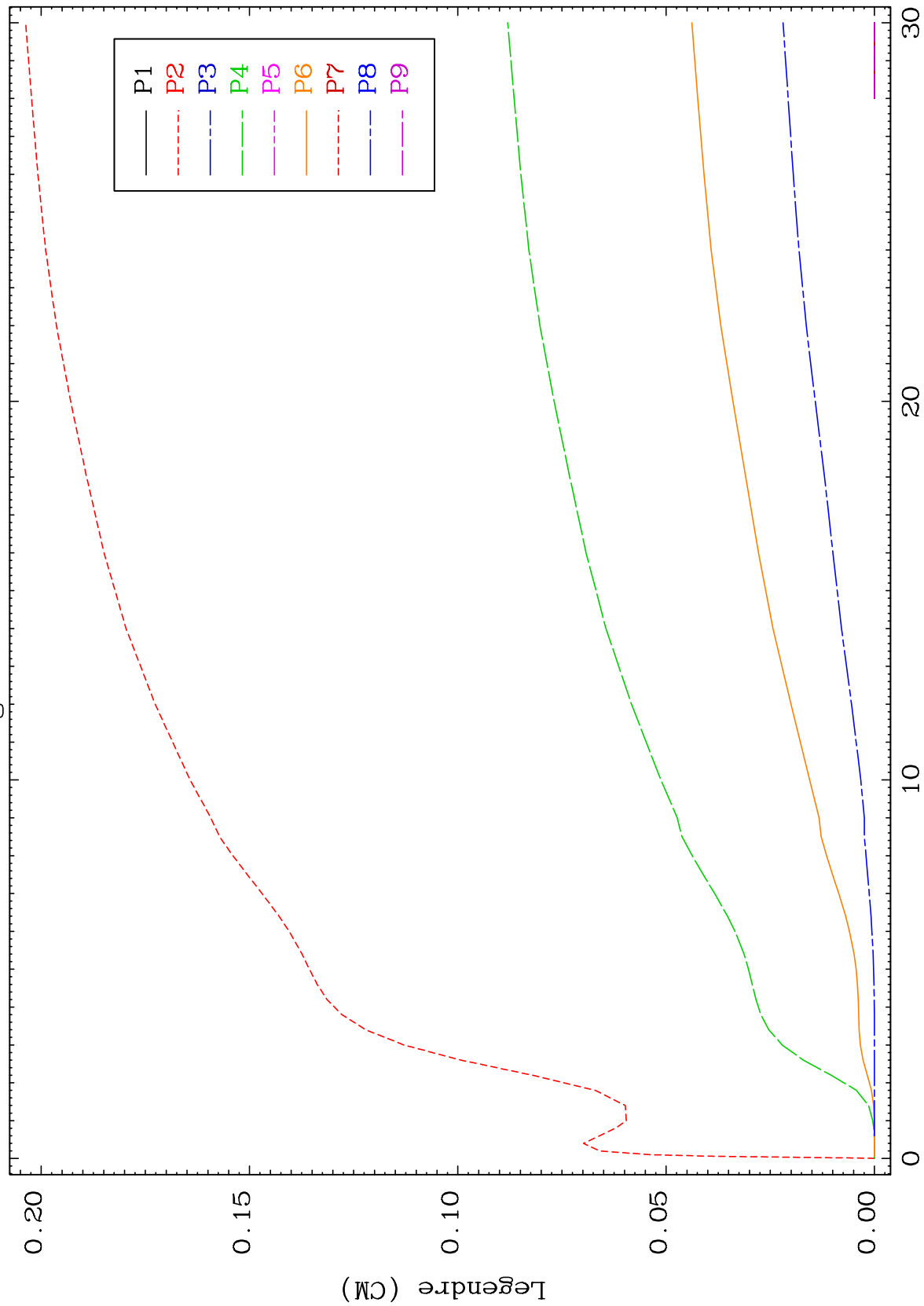
38-Sr-83



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Elastic Legendre Coefficients

³⁸Sr-83



15

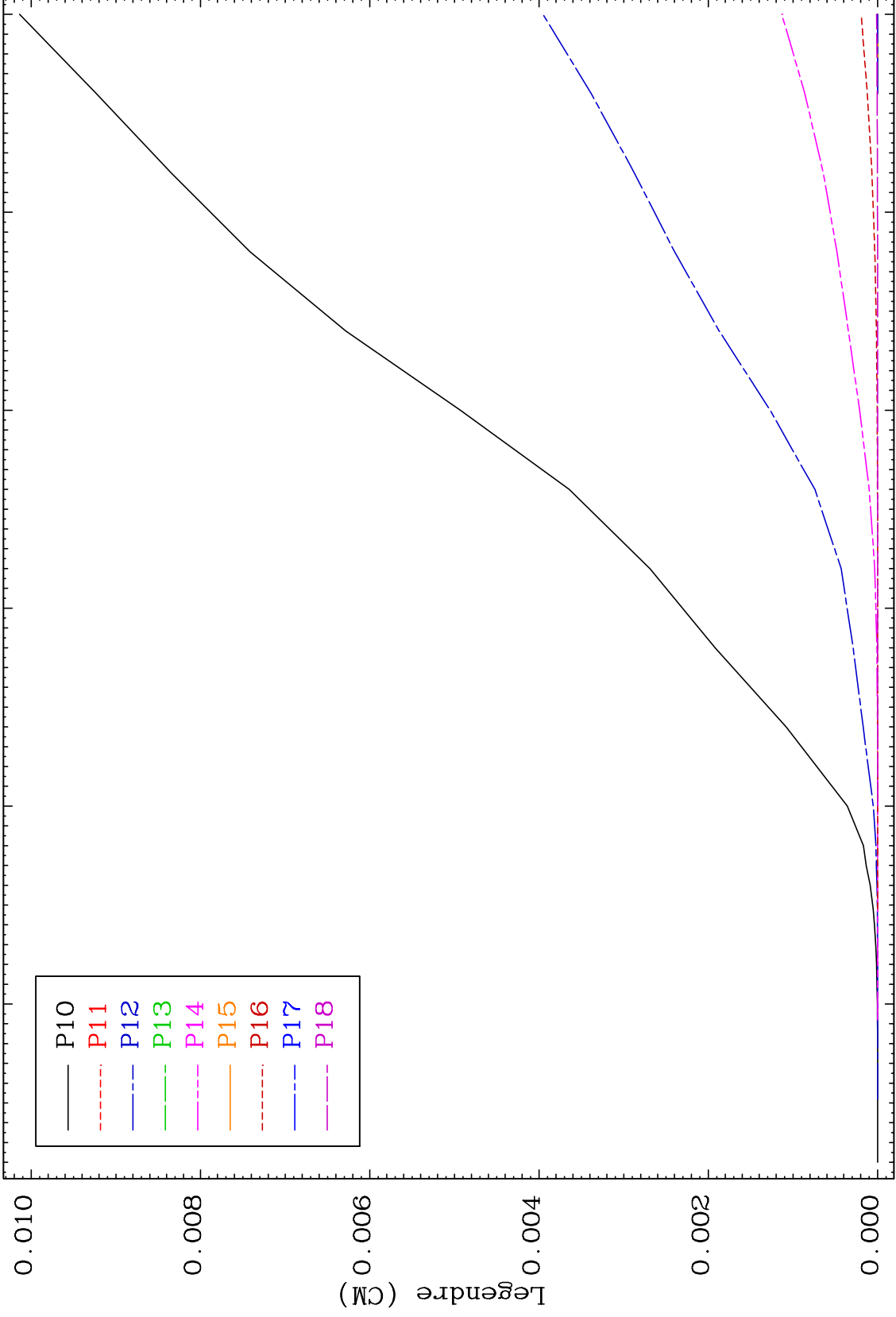
Incident Energy (MeV)

³⁸Sr-83

MAT 3823

Elastic Legendre Coefficients

38-Sr-83



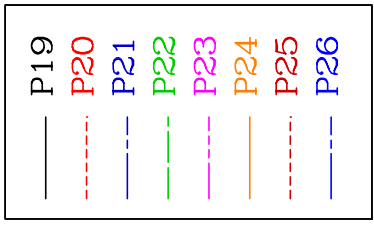
16

38-Sr-83

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Elastic Legendre Coefficients

38-Sr-83



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

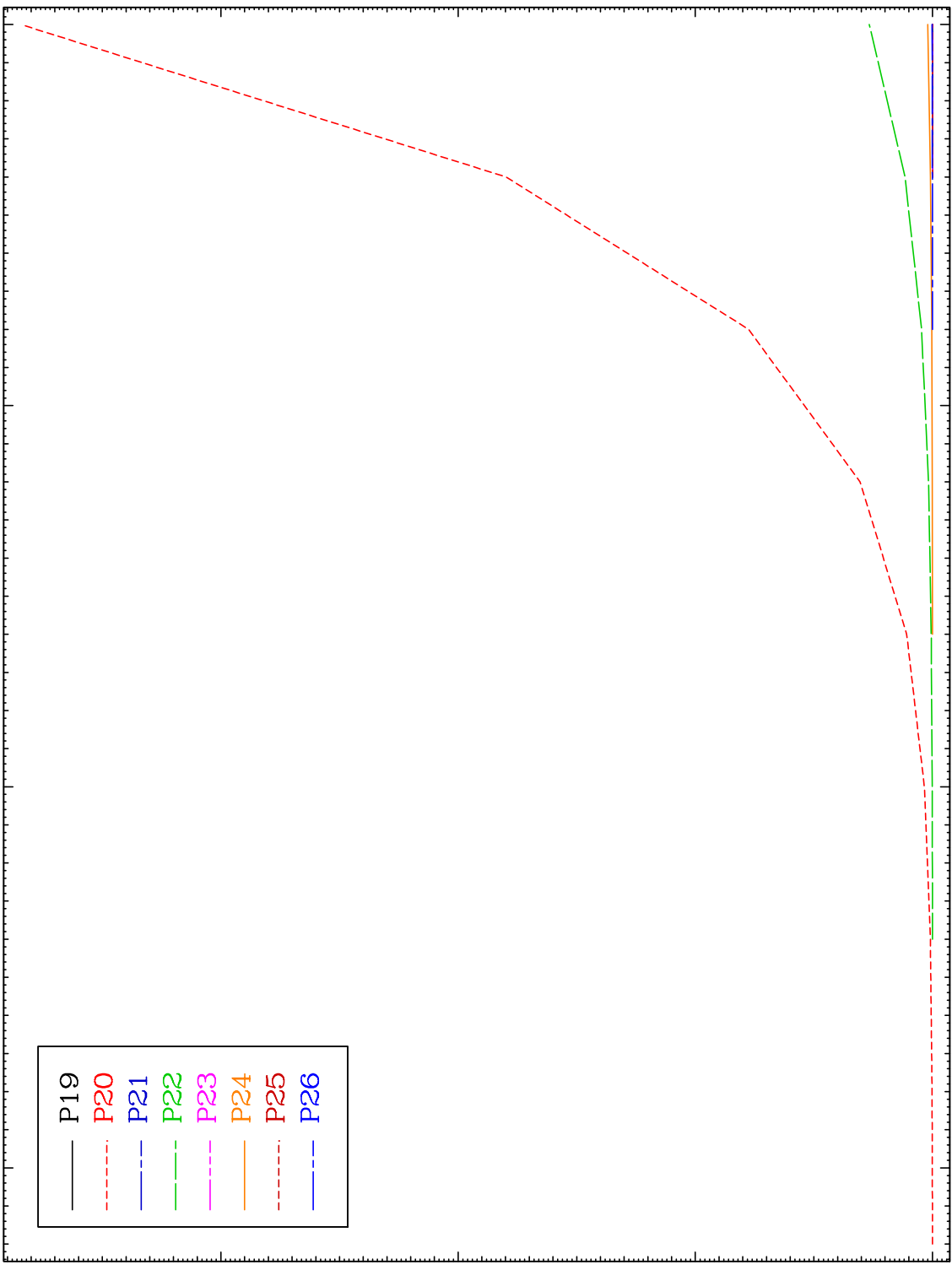
25

30

17

Incident Energy (MeV)

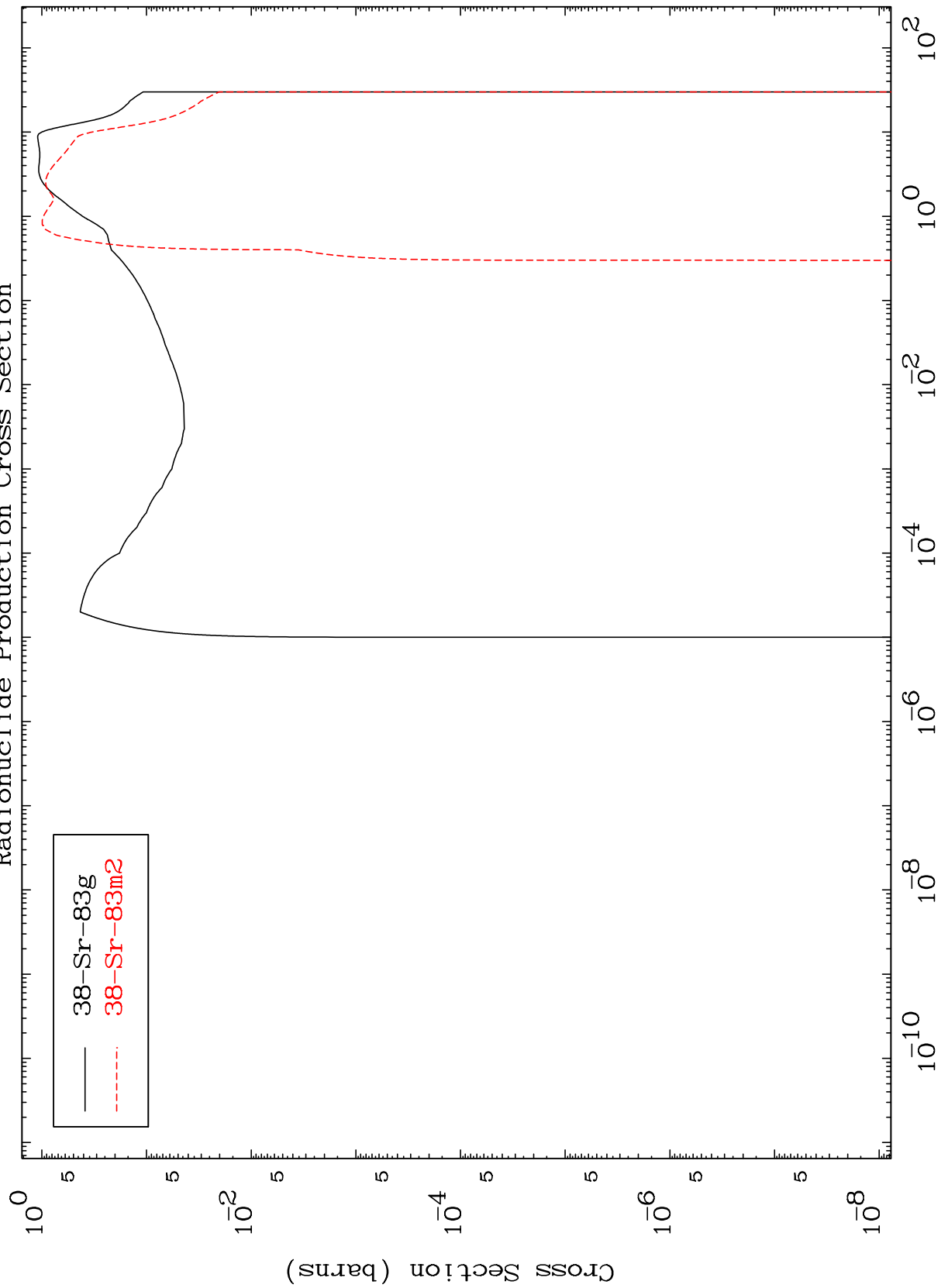
38-Sr-83



MAT 3823

38-Sr-83

Inelastic
Radionuclide Production Cross Section

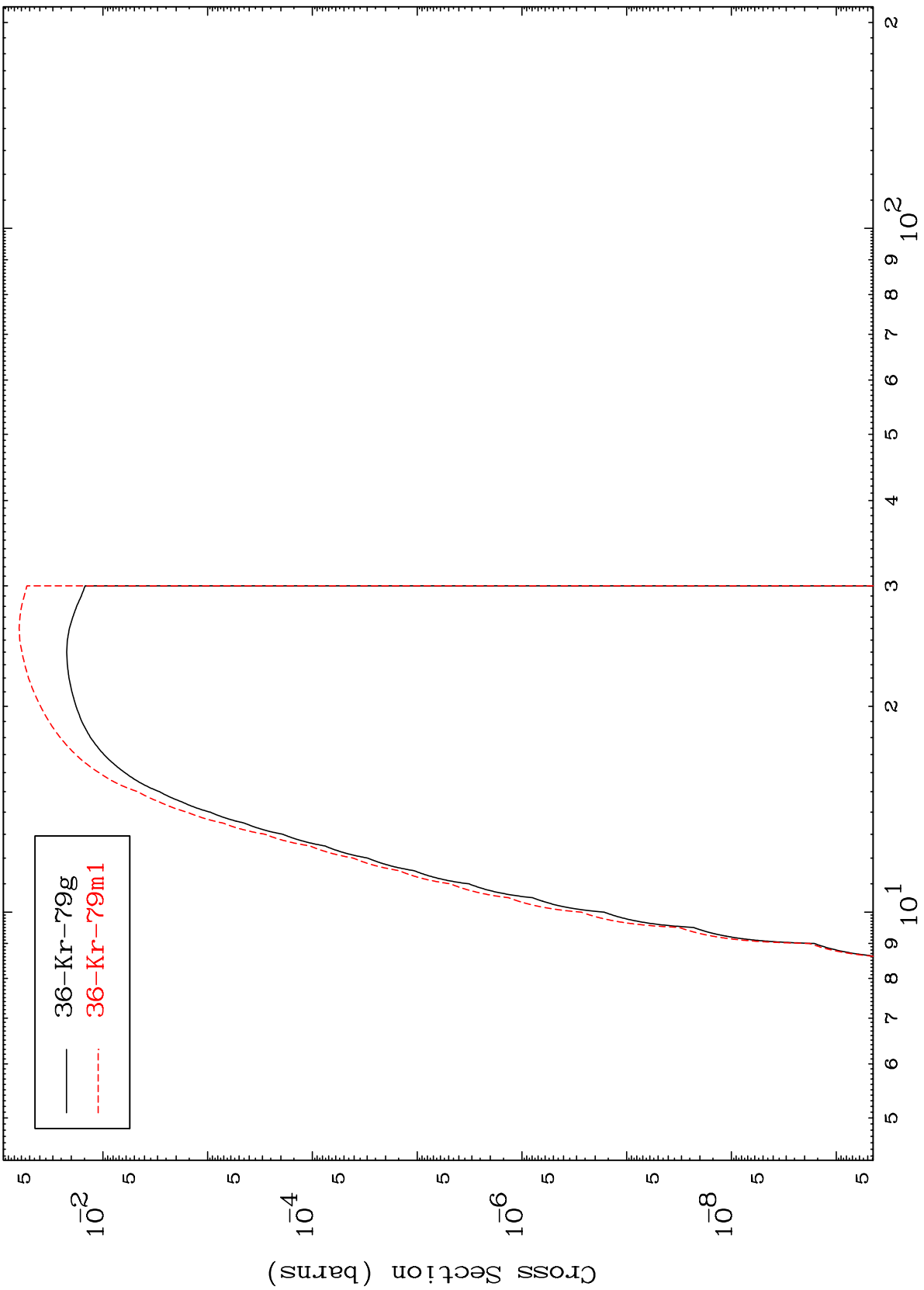


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(n, n') α

38-Sr-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

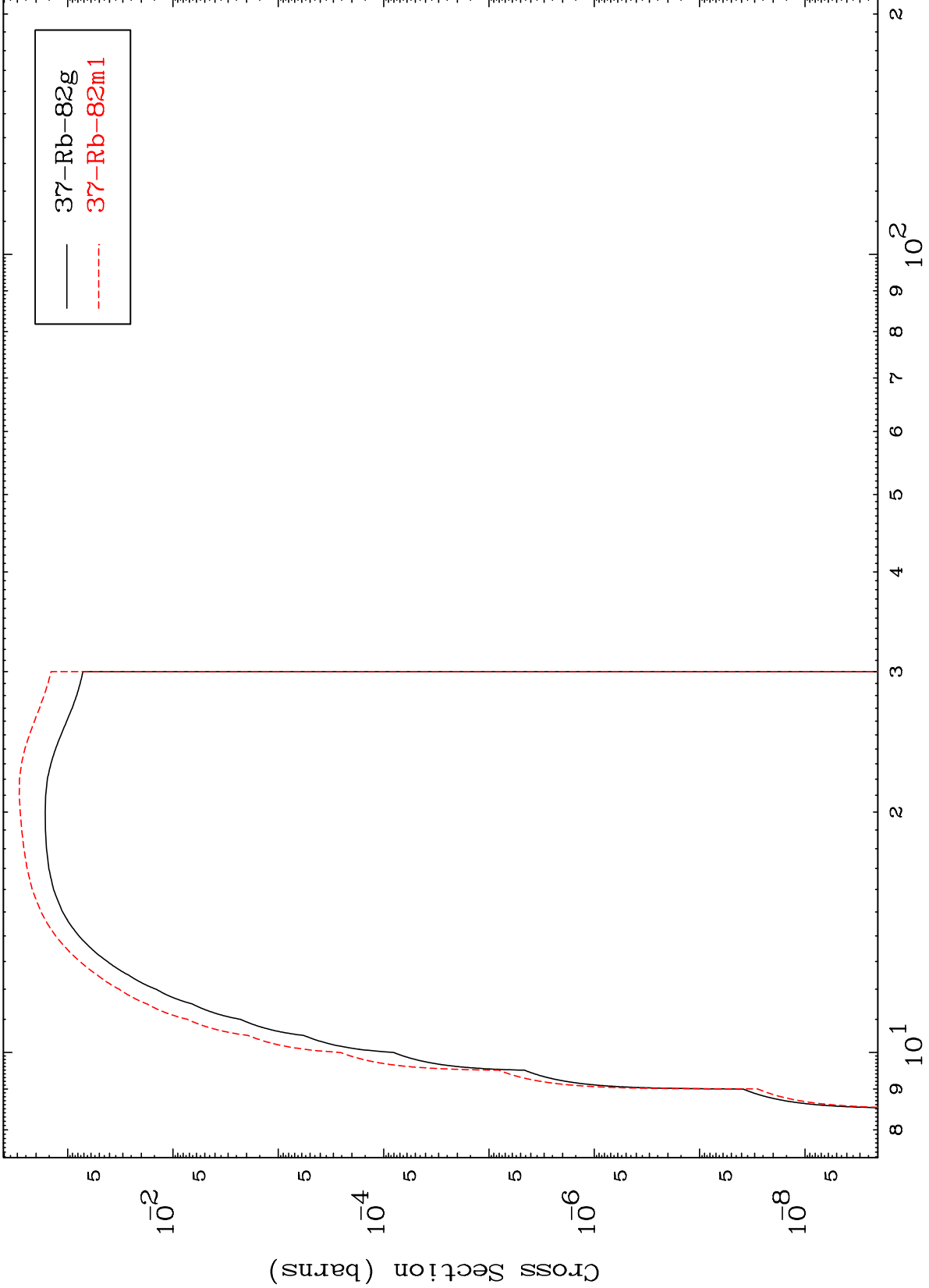
38-Sr-83

MAT 3823

(n,n') p

38-Sr-83

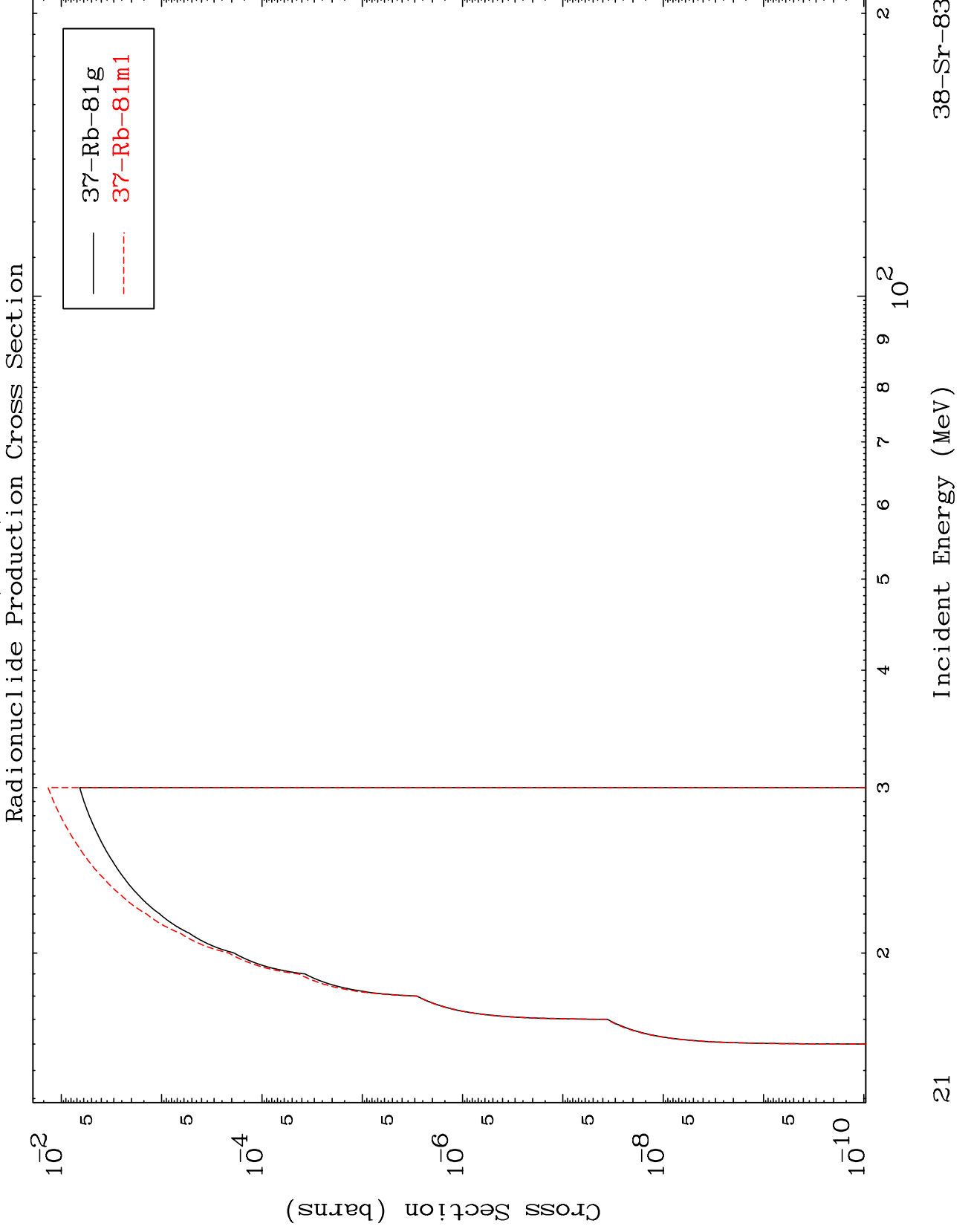
Radionuclide Production Cross Section



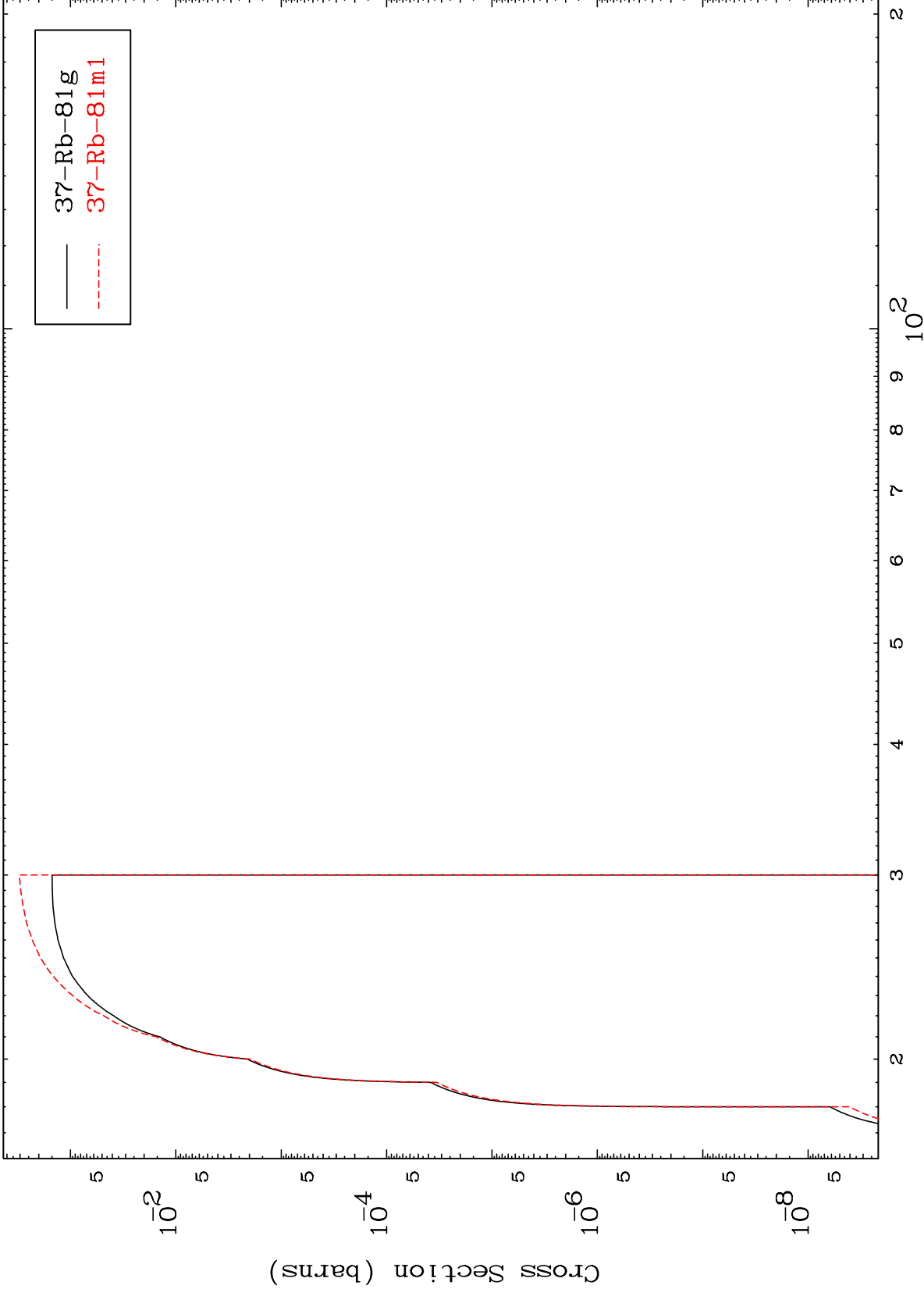
20

Incident Energy (MeV)

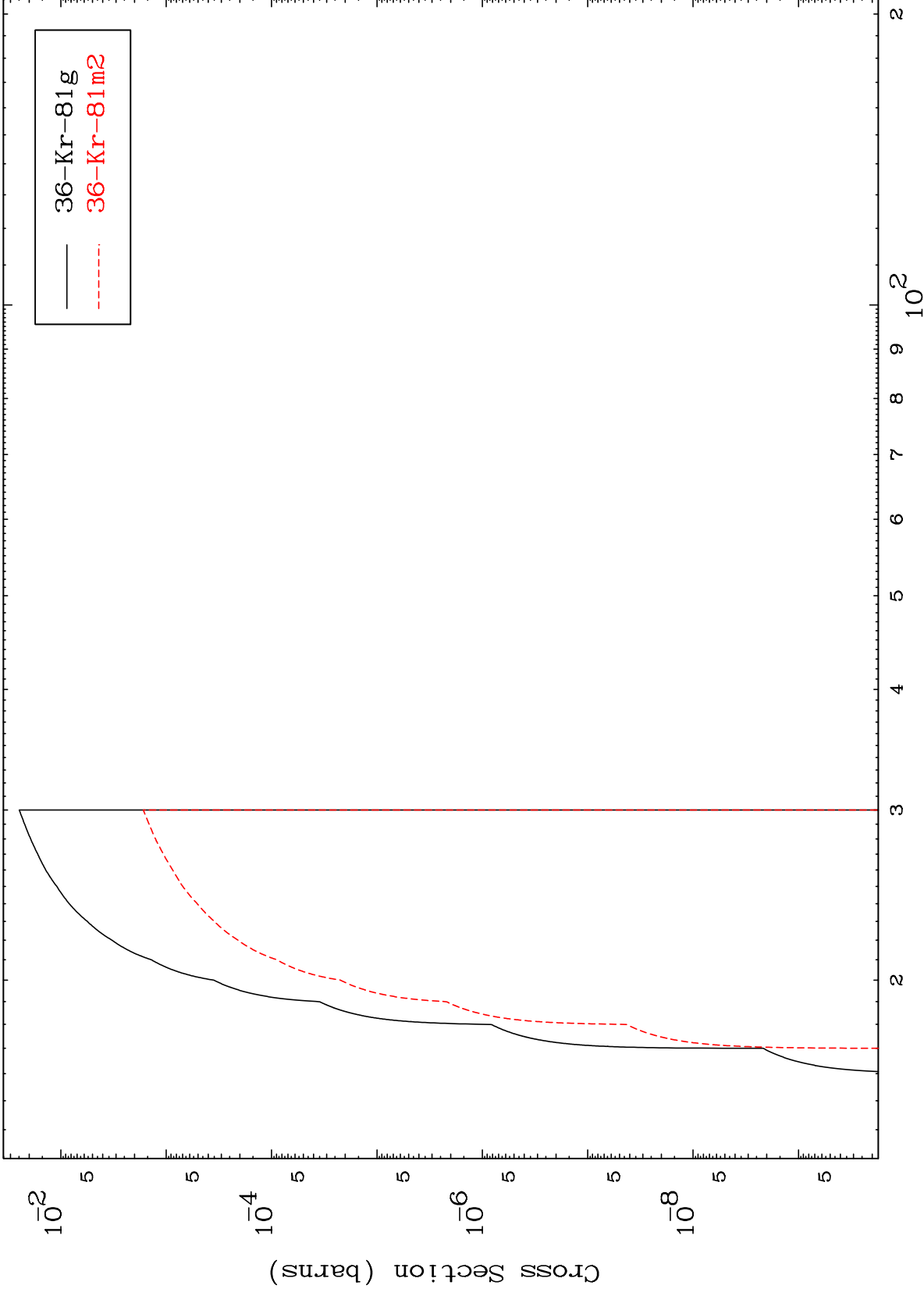
38-Sr-83



Radionuclide Production Cross Section

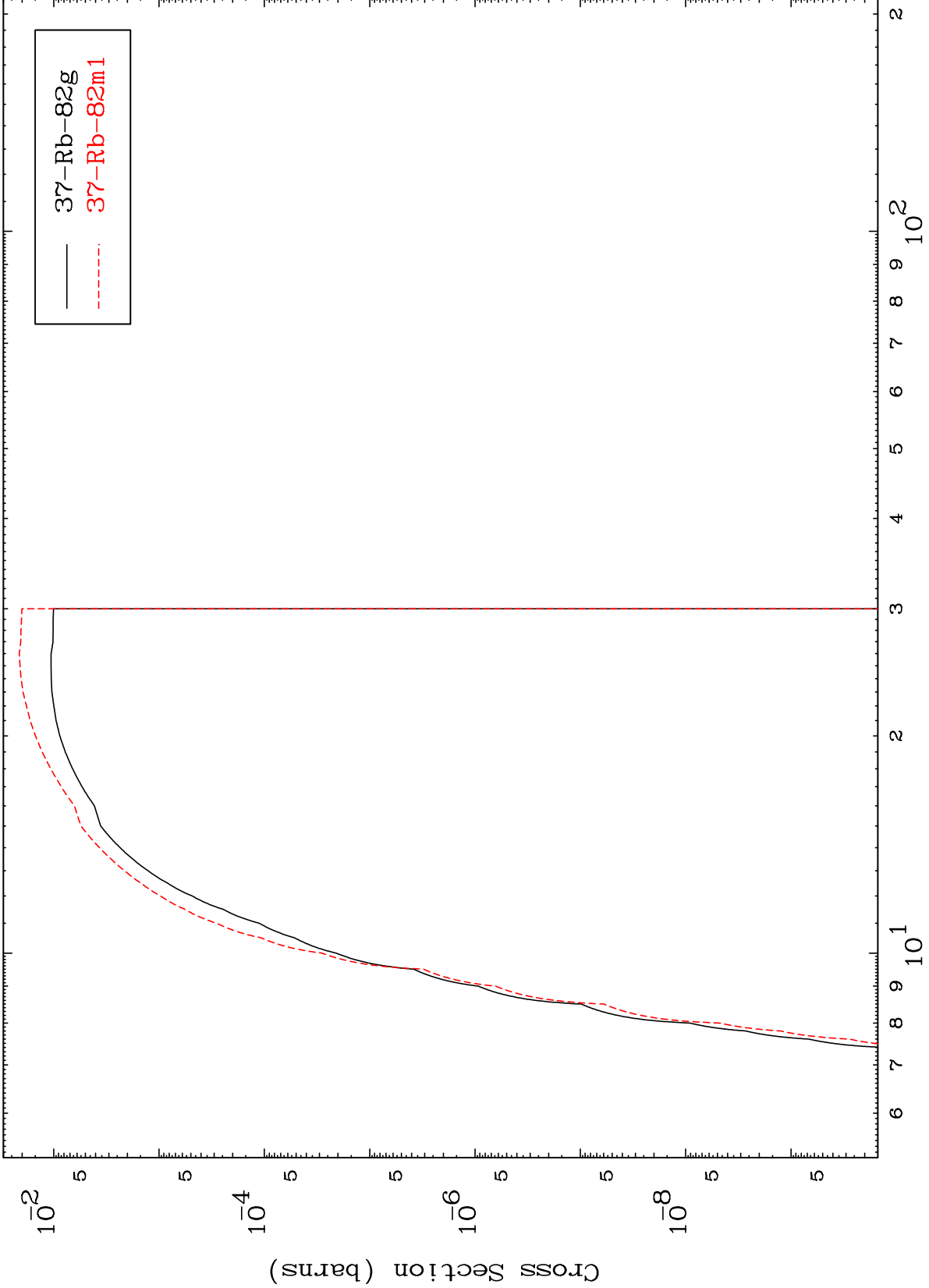


Radionuclide Production Cross Section

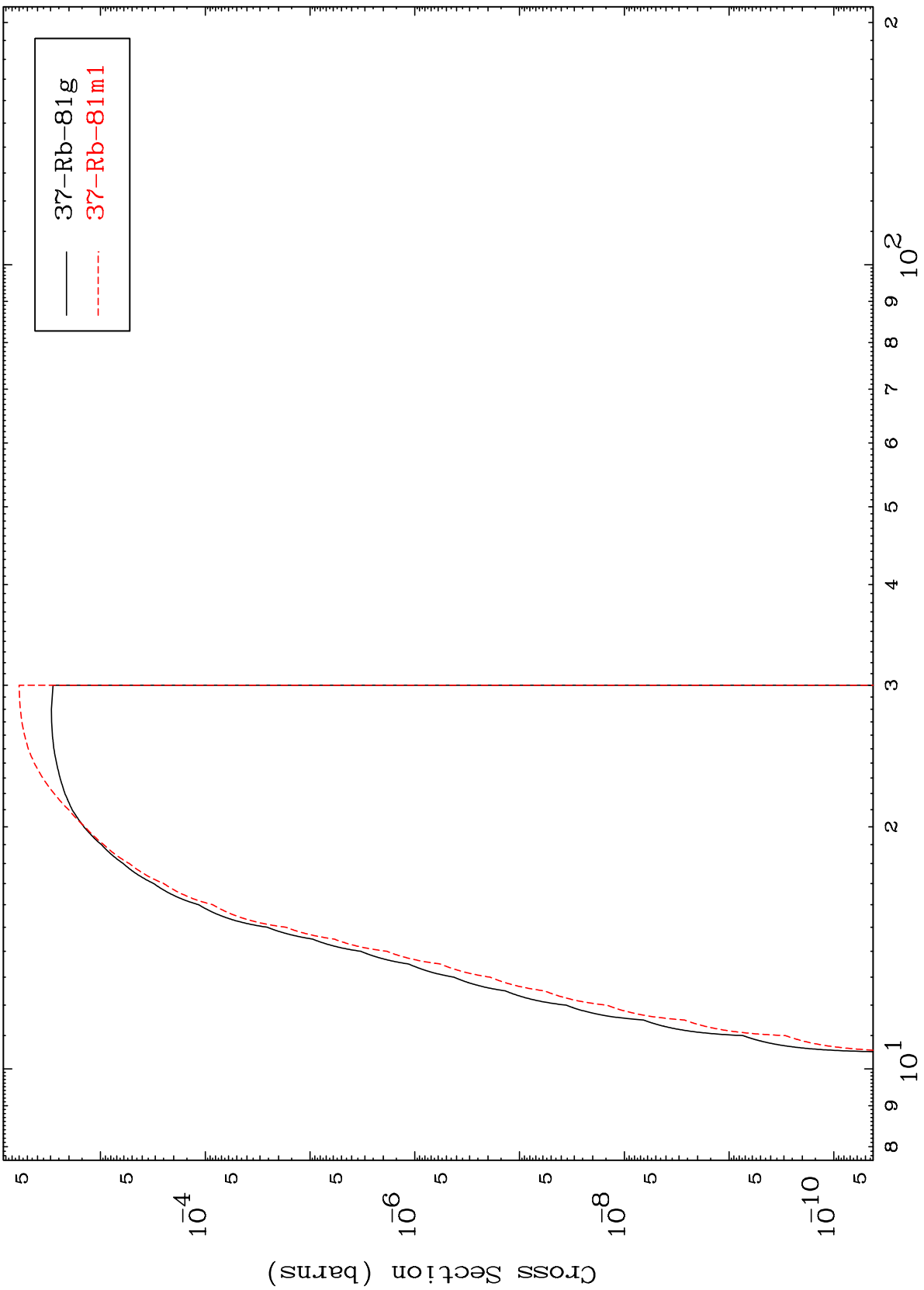


36-Kr-81g
36-Kr-81m2

(n,d)
Radionuclide Production Cross Section



(n,t)
Radionuclide Production Cross Section

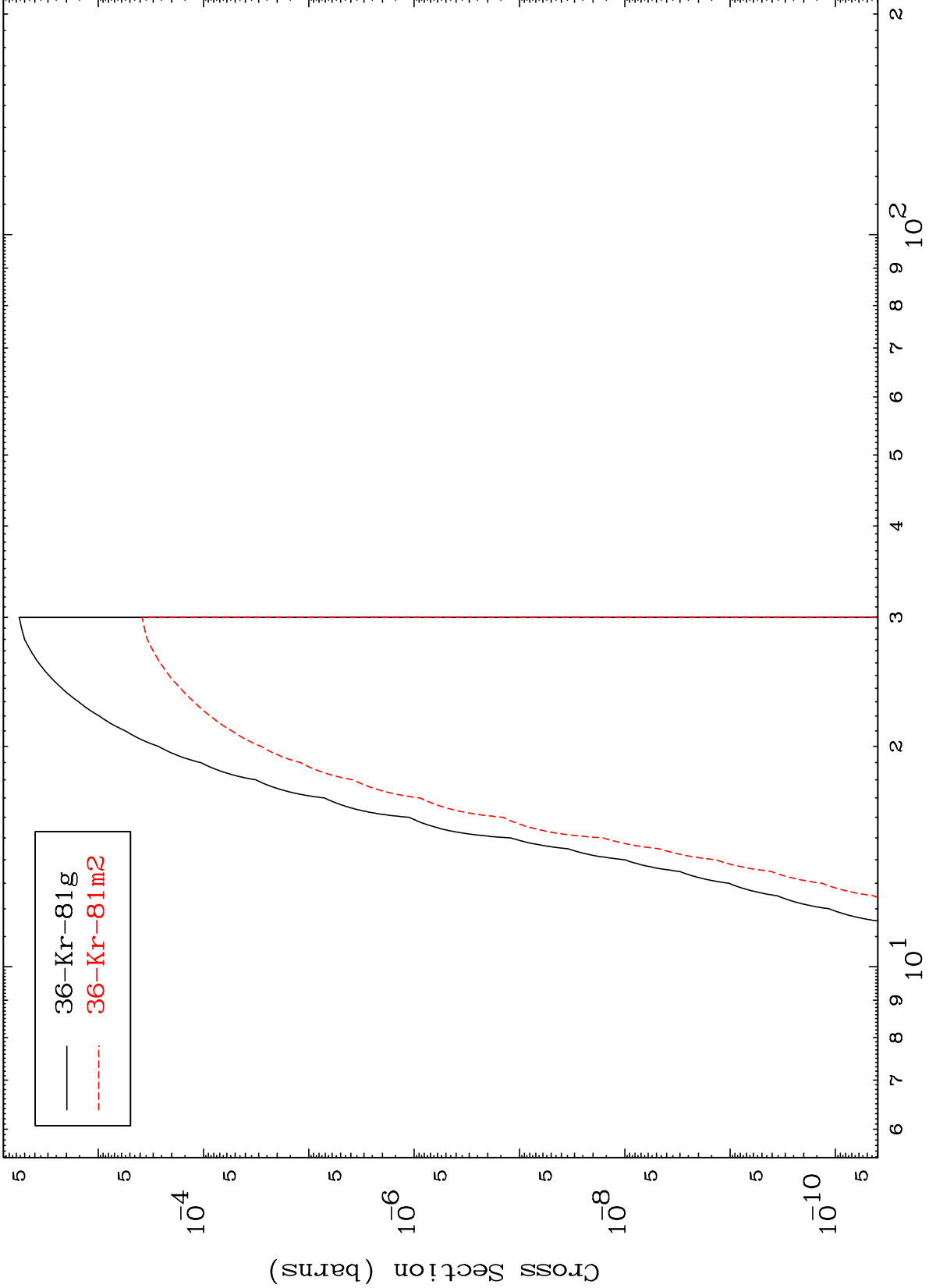


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(n,He-3)

38-Sr-83

Radionuclide Production Cross Section



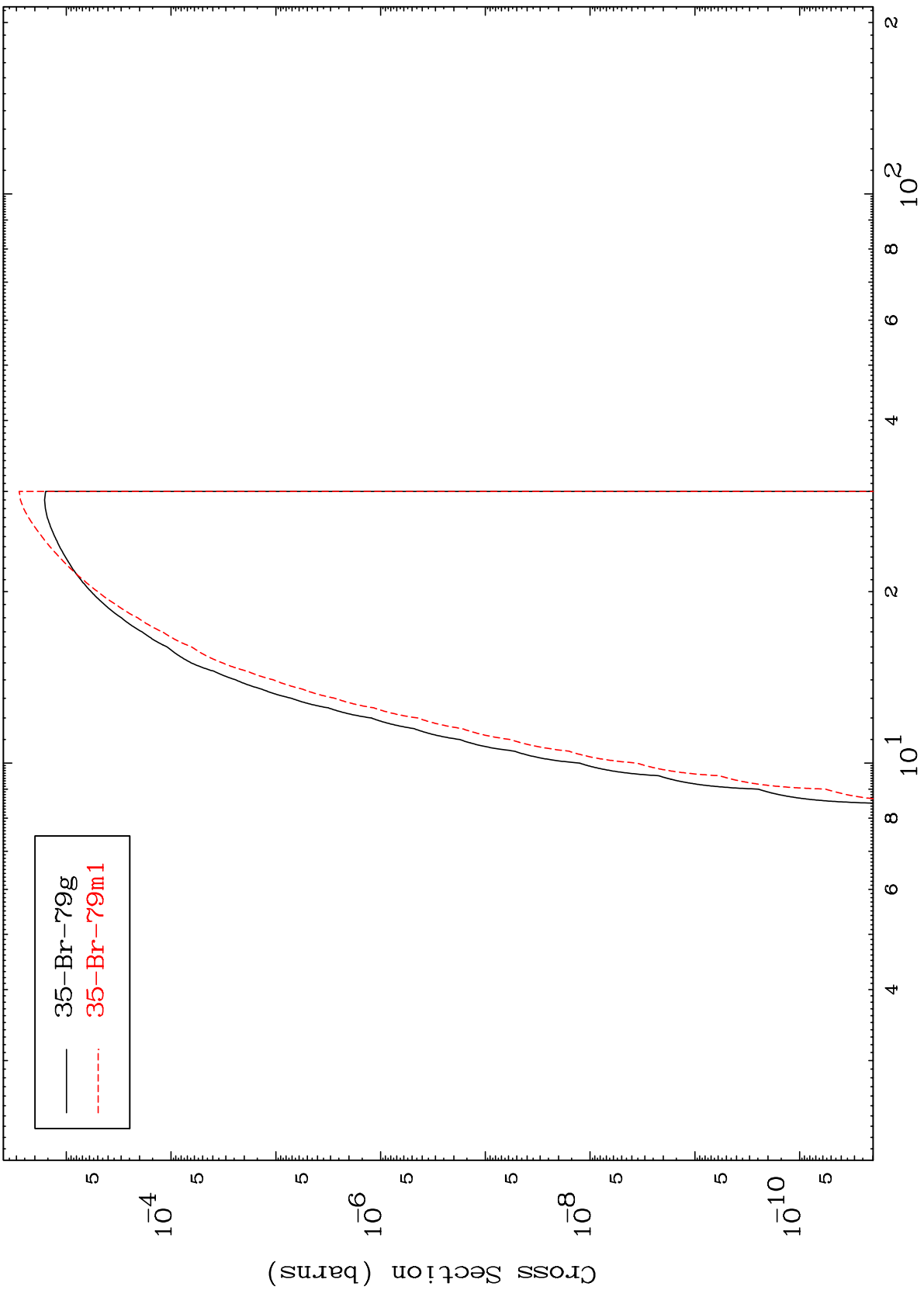
— 36-Kr-81g
- - - 36-Kr-81m2

26

Incident Energy (MeV)

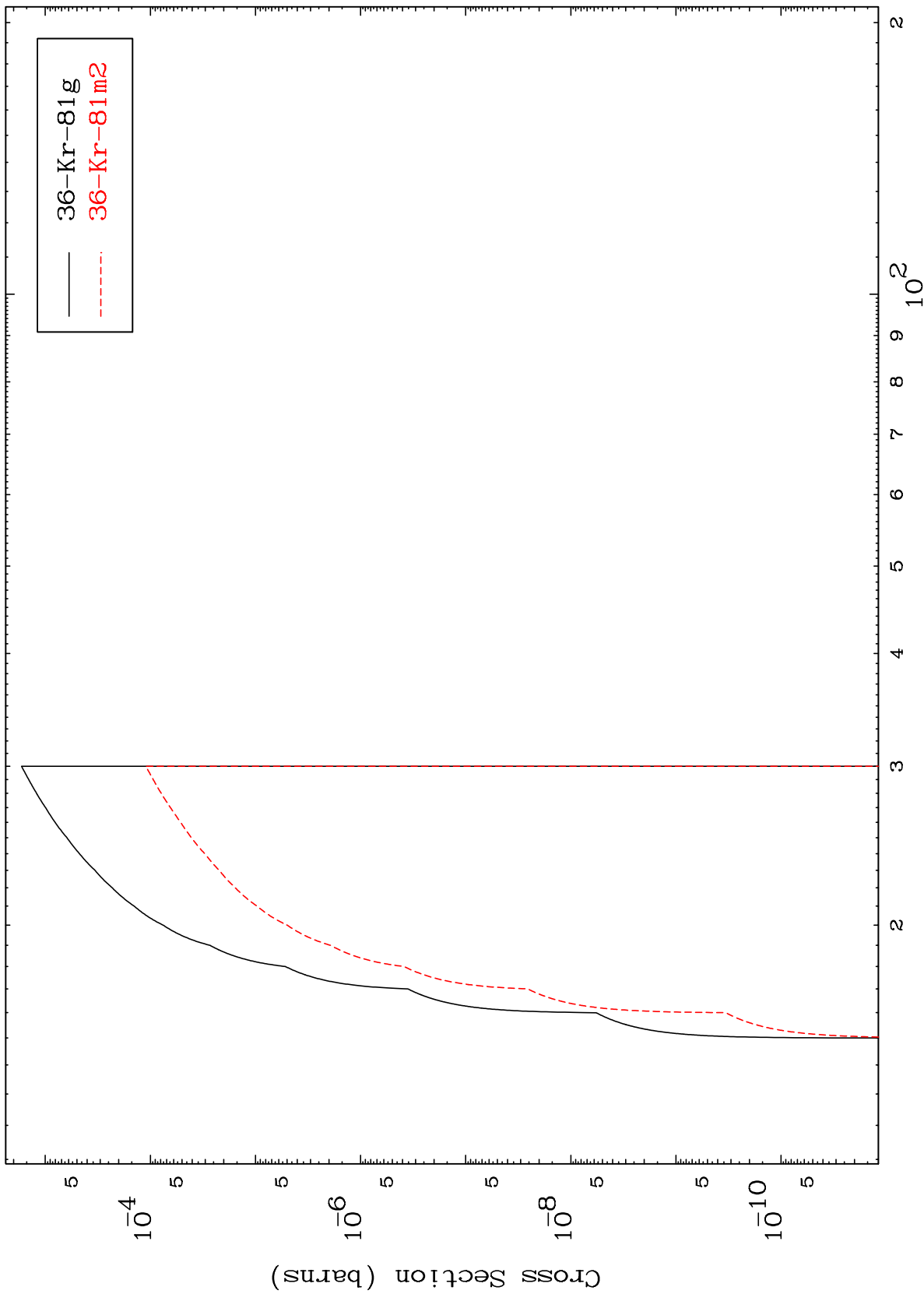
38-Sr-83

Radionuclide Production Cross Section



— 35-Br-79g
- - - 35-Br-79m1

Radionuclide Production Cross Section



36-Kr-81g
36-Kr-81m2