

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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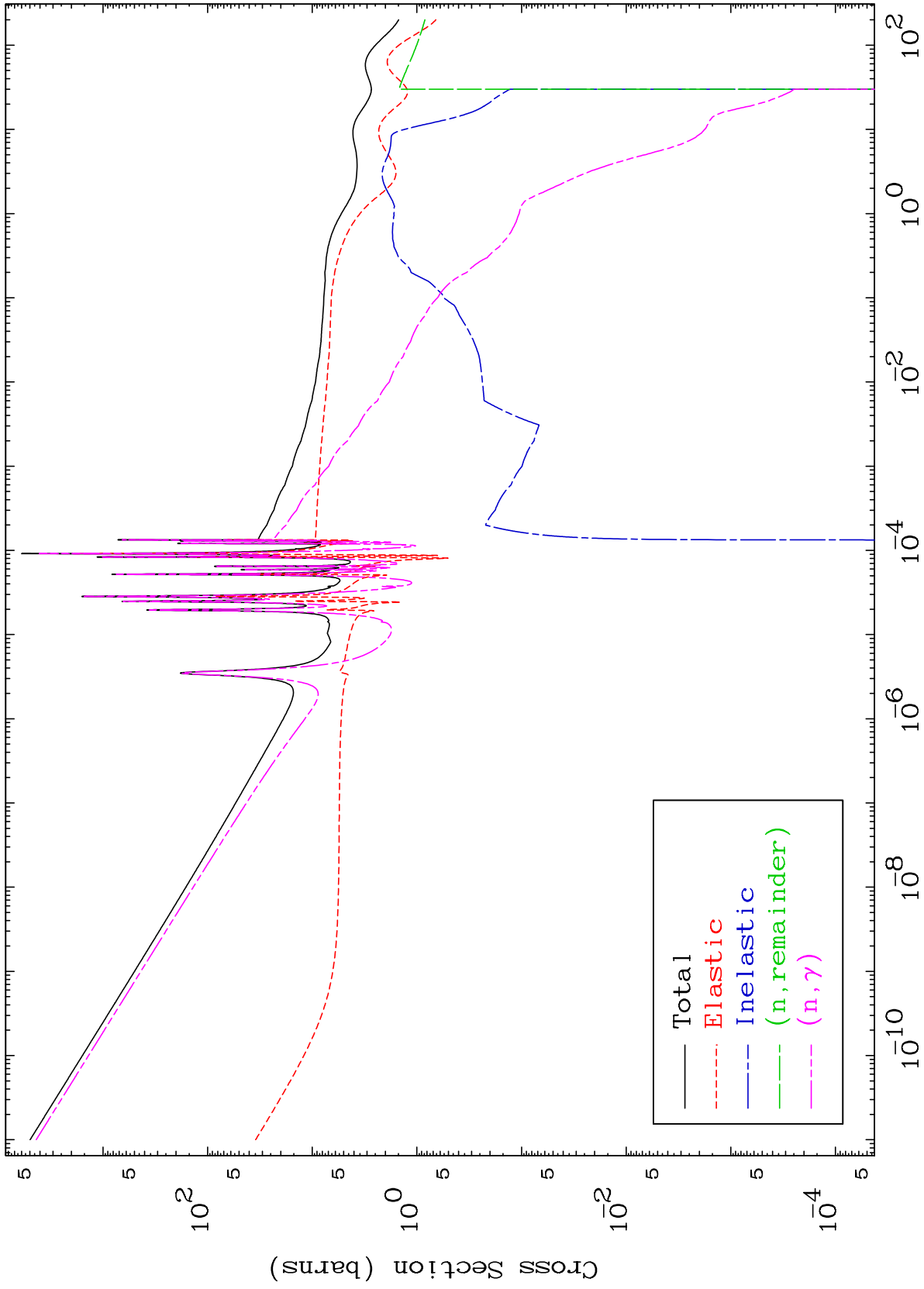
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

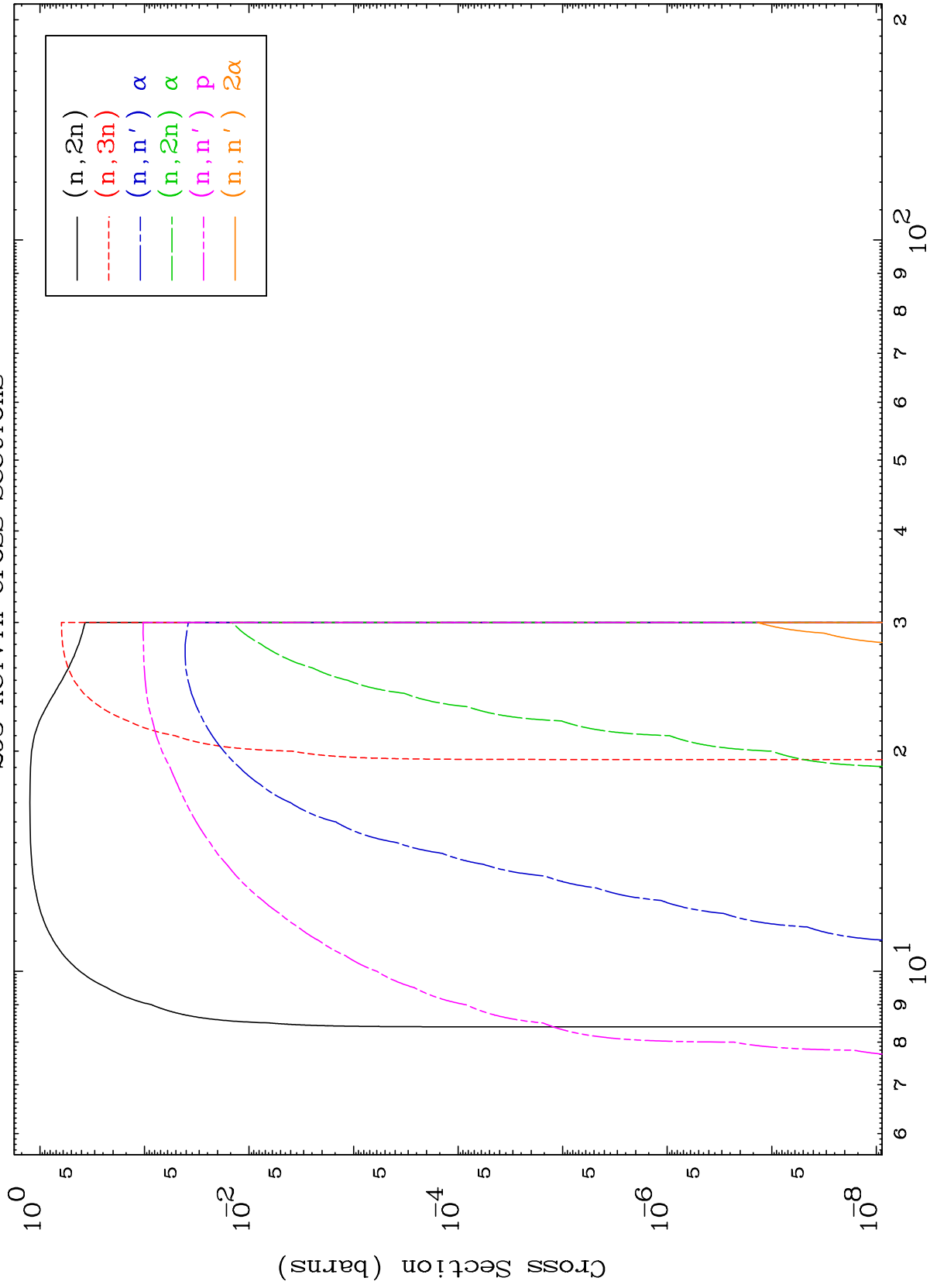
Press Mouse Button to Start

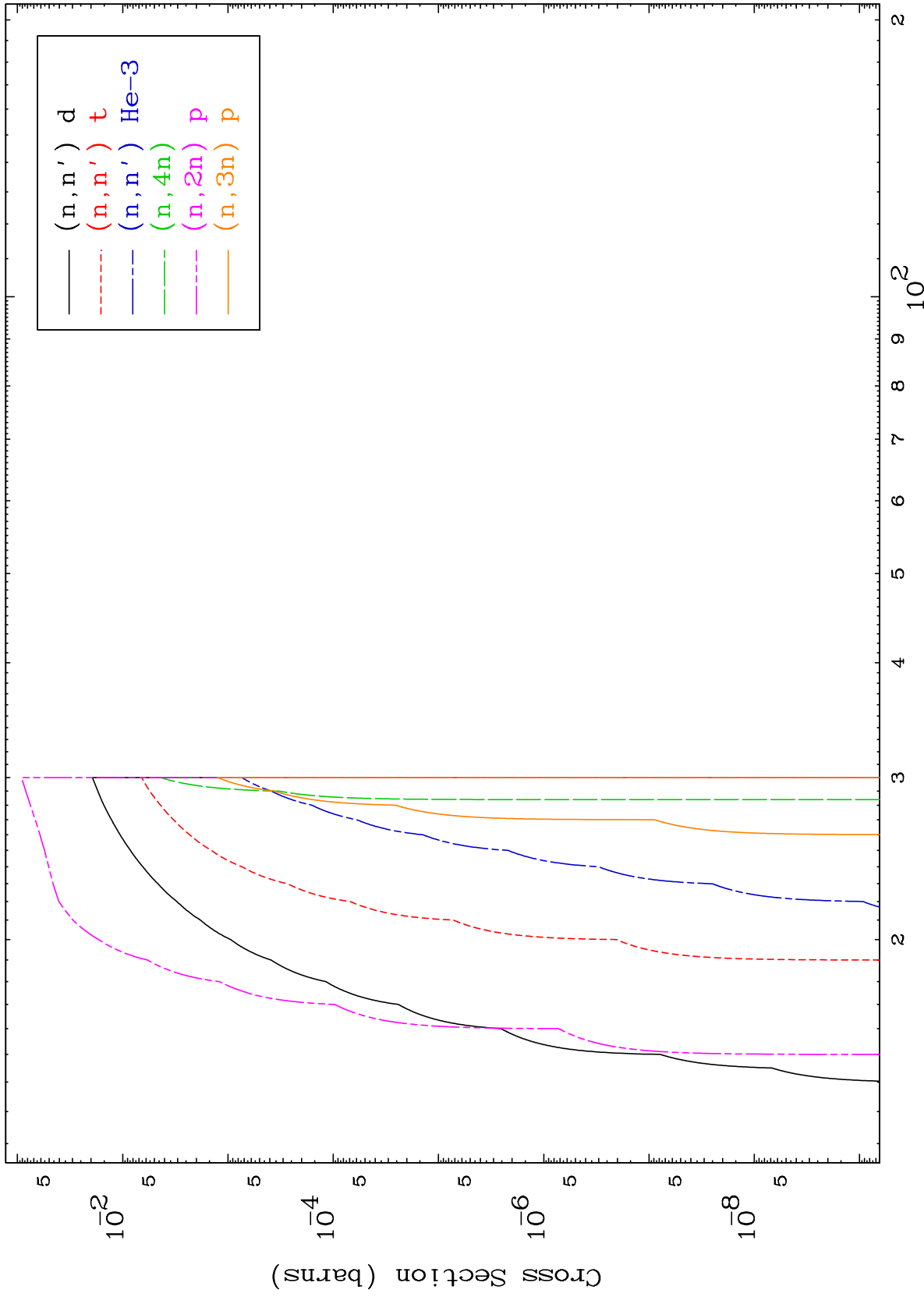
MAT 3723

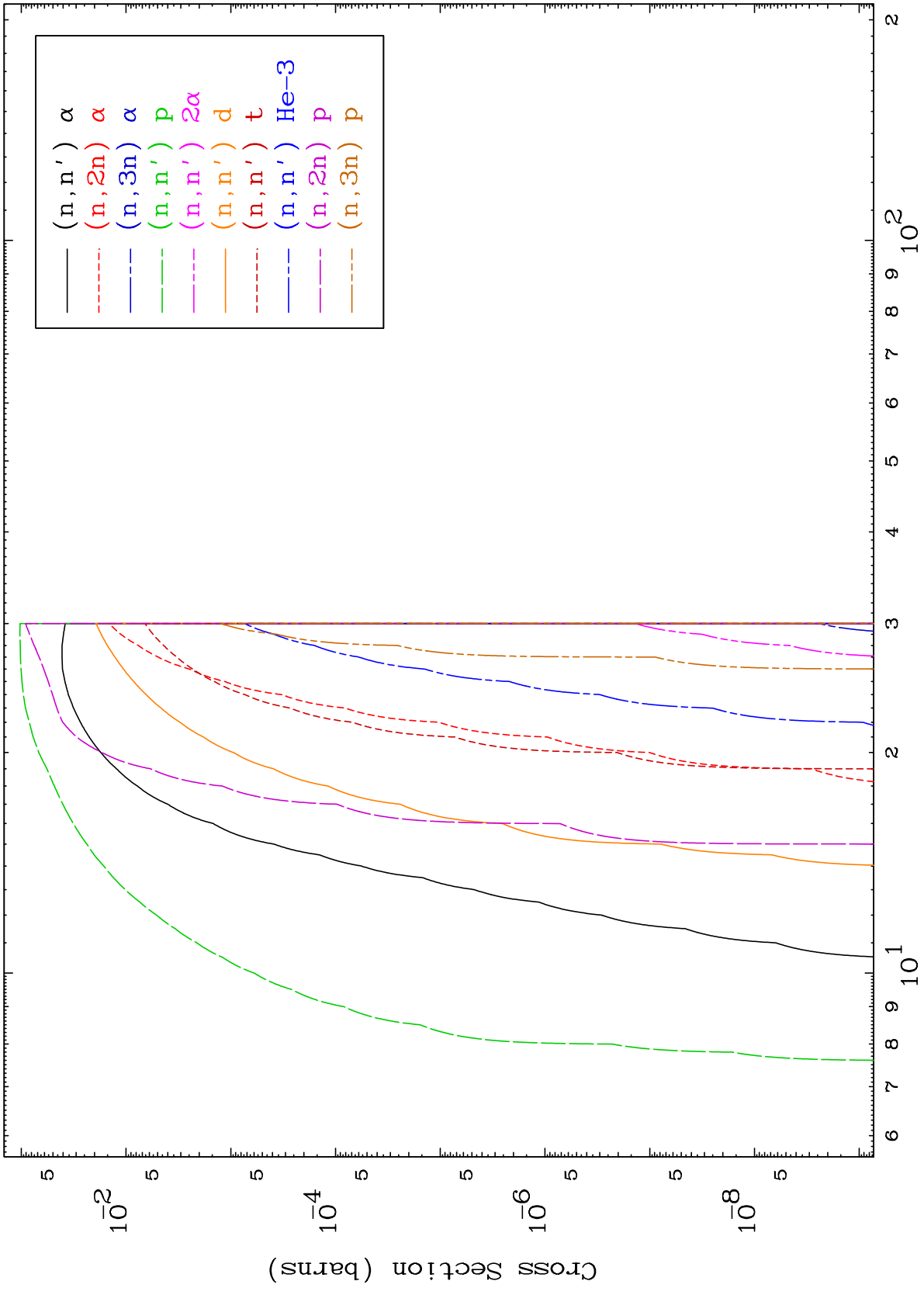
Major  
293 Kelvin Cross Sections

37-Rb-84





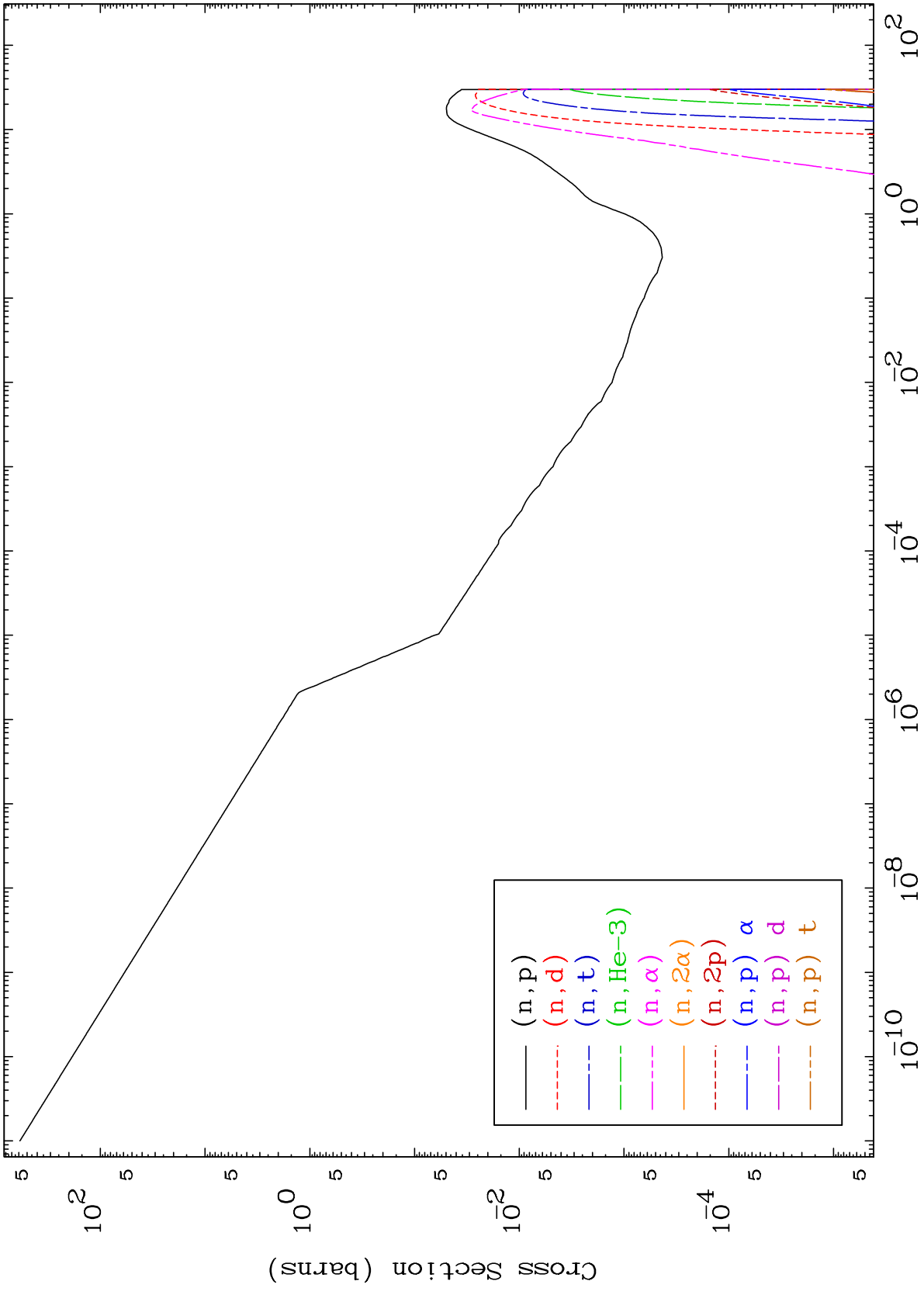




MAT 3723

Charged Particle  
293 Kelvin Cross Sections

37-Rb-84



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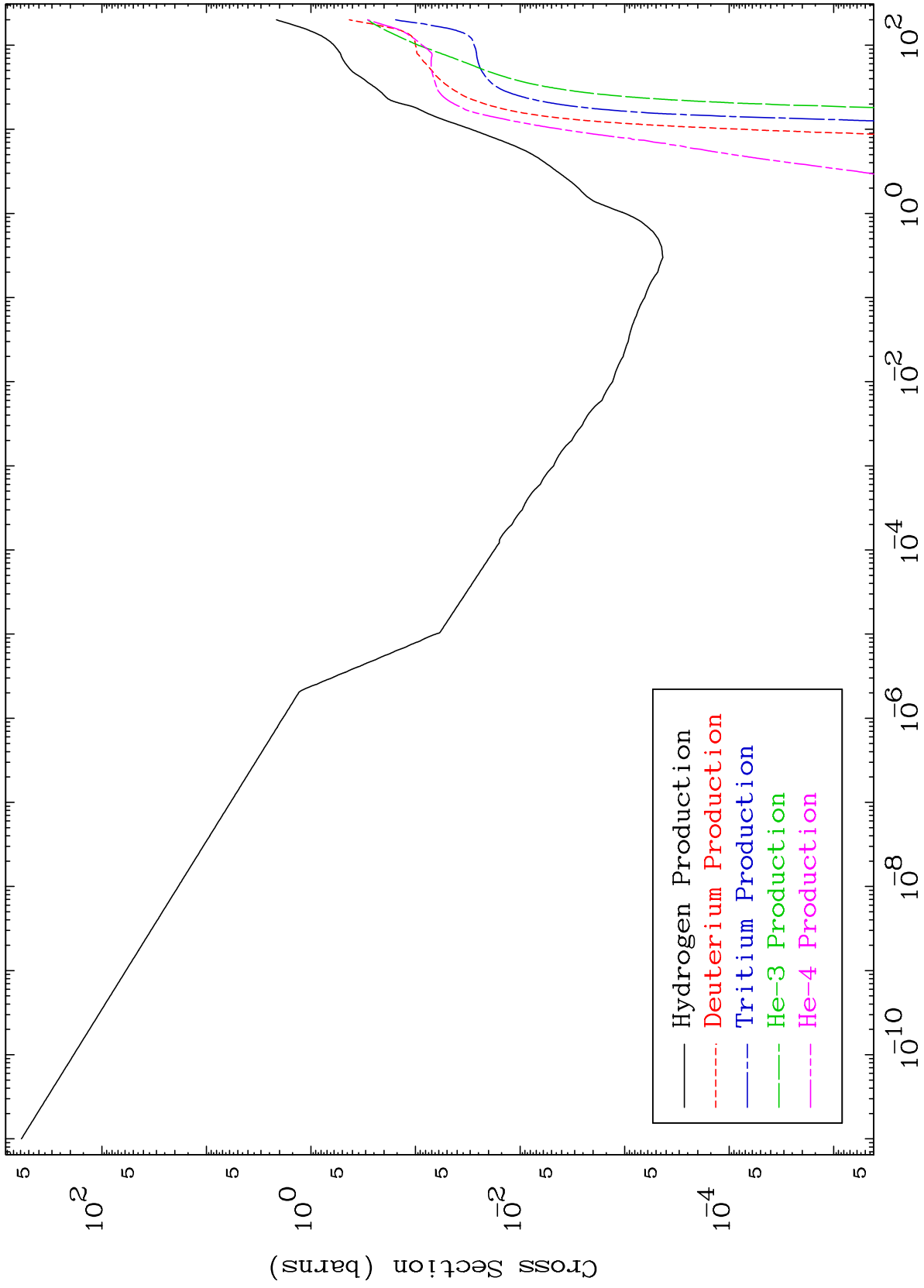
Incident Energy (MeV)

37-Rb-84

MAT 3723

Particle Production  
293 Kelvin Cross Sections

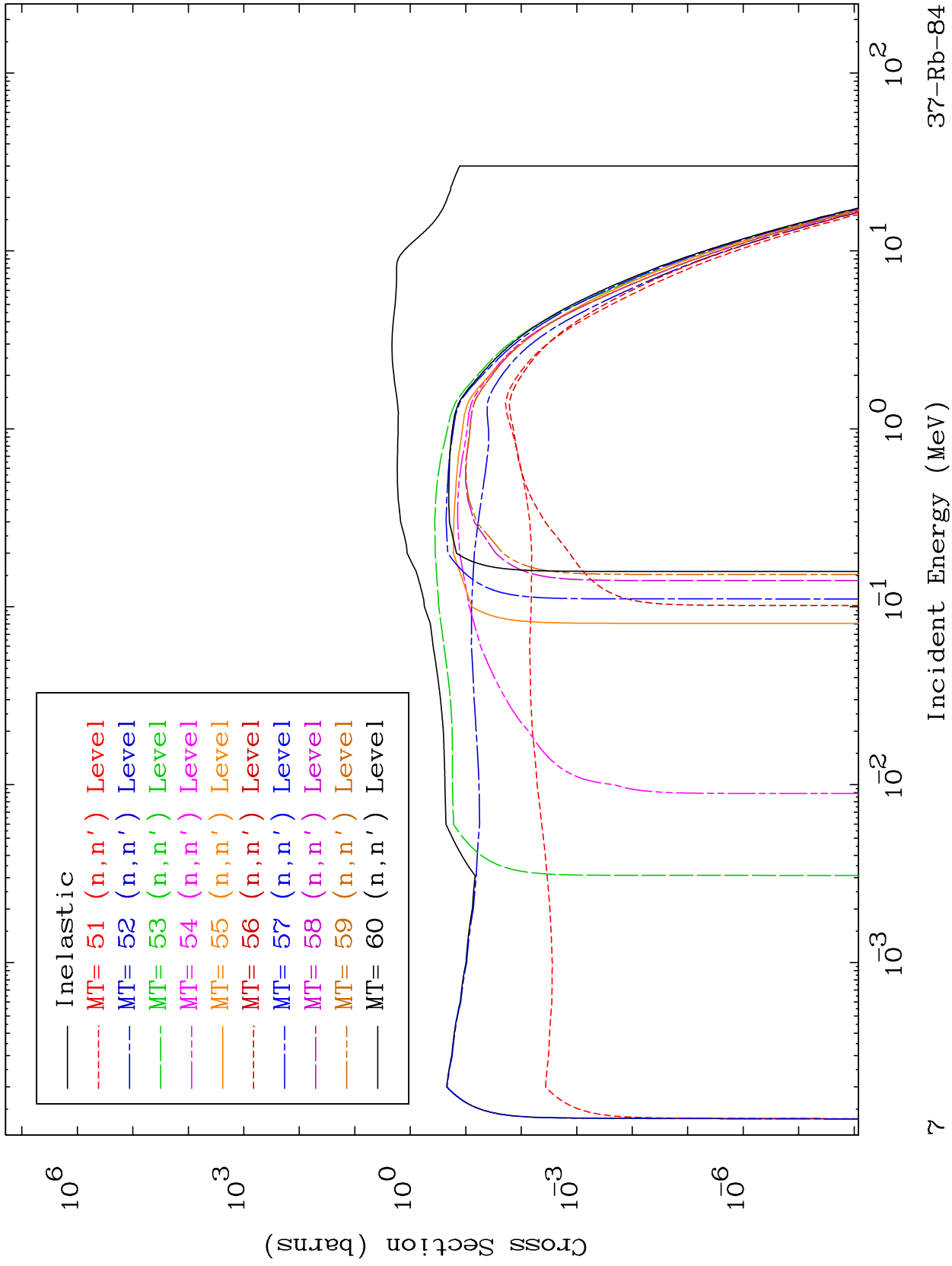
37-Rb-84



MAT 3723

293 Kelvin Cross Sections

37-Rb-84



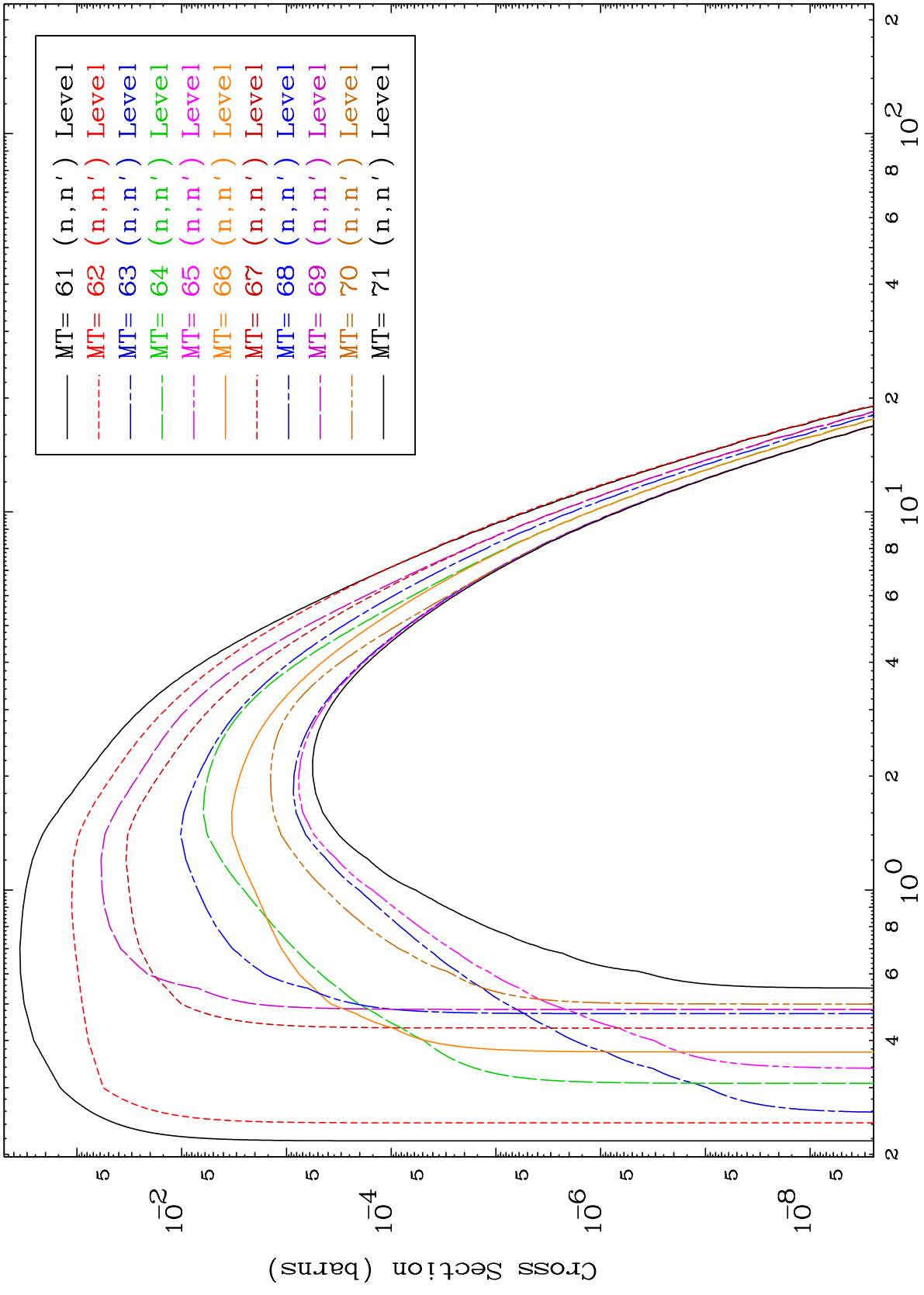


MAT 3723

(n,n') Level

37-Rb-84

293 Kelvin Cross Sections



8

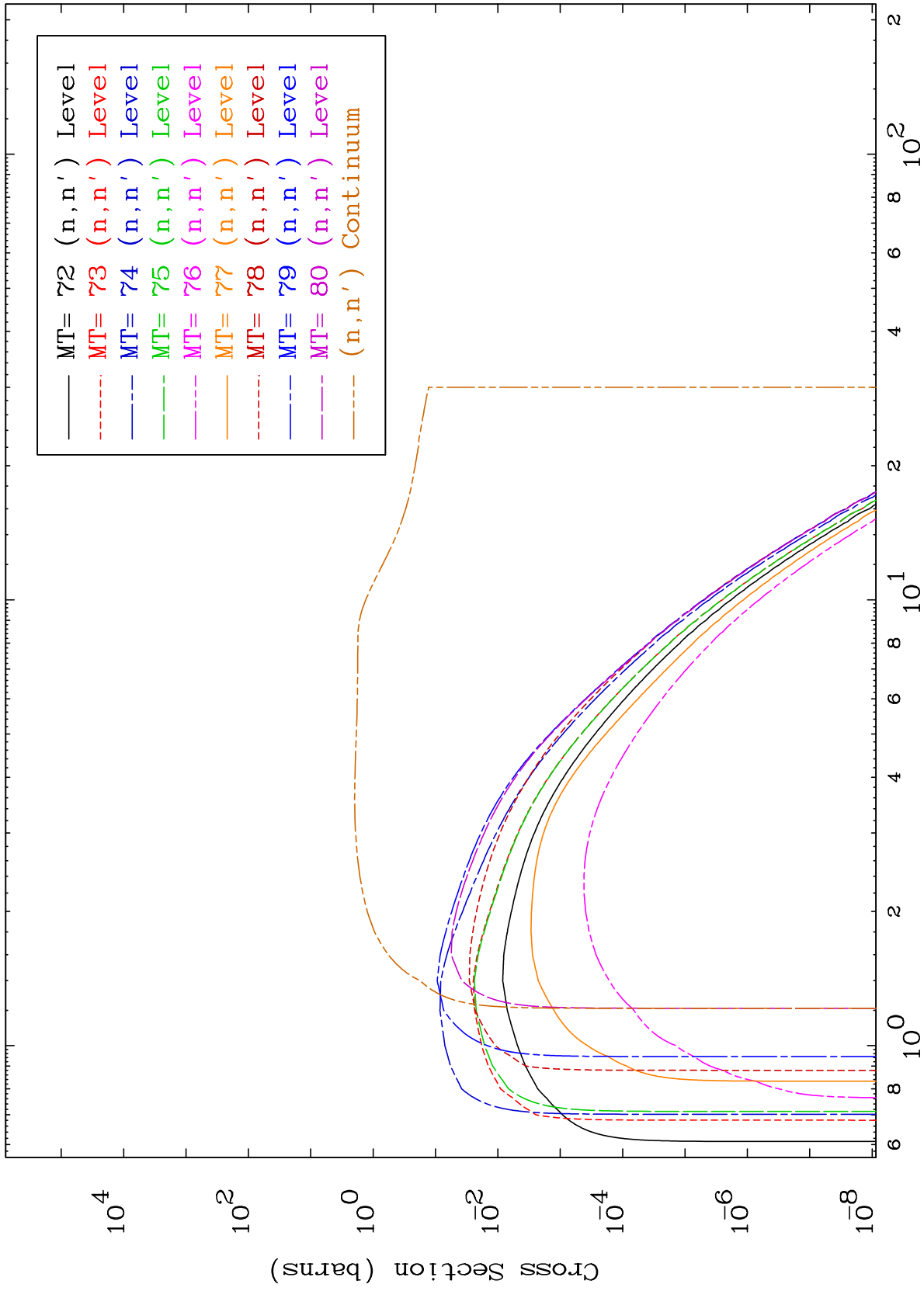
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,n') Level  
293 Kelvin Cross Sections

37-Rb-84



9

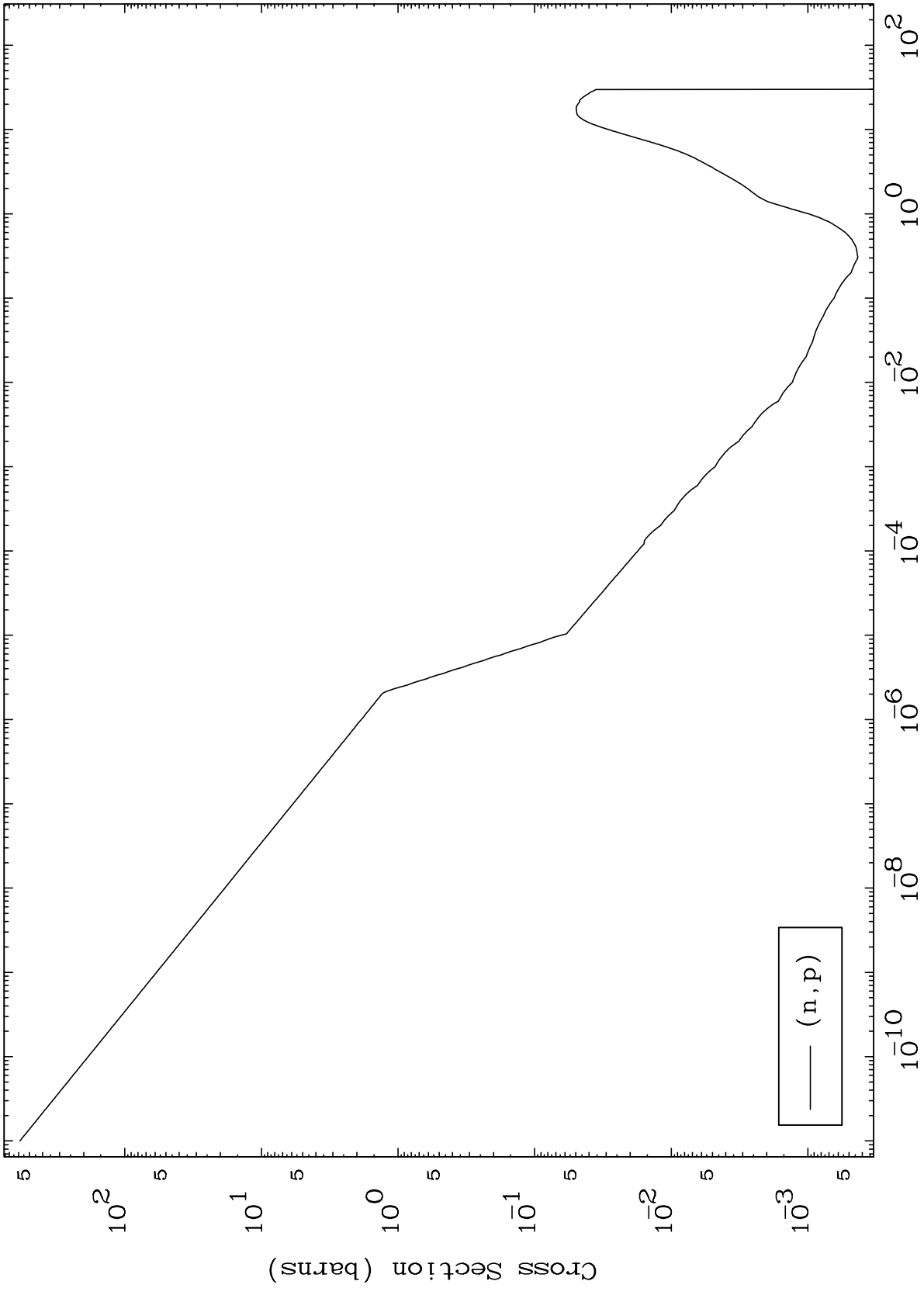
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,p) Levels  
293 Kelvin Cross Sections

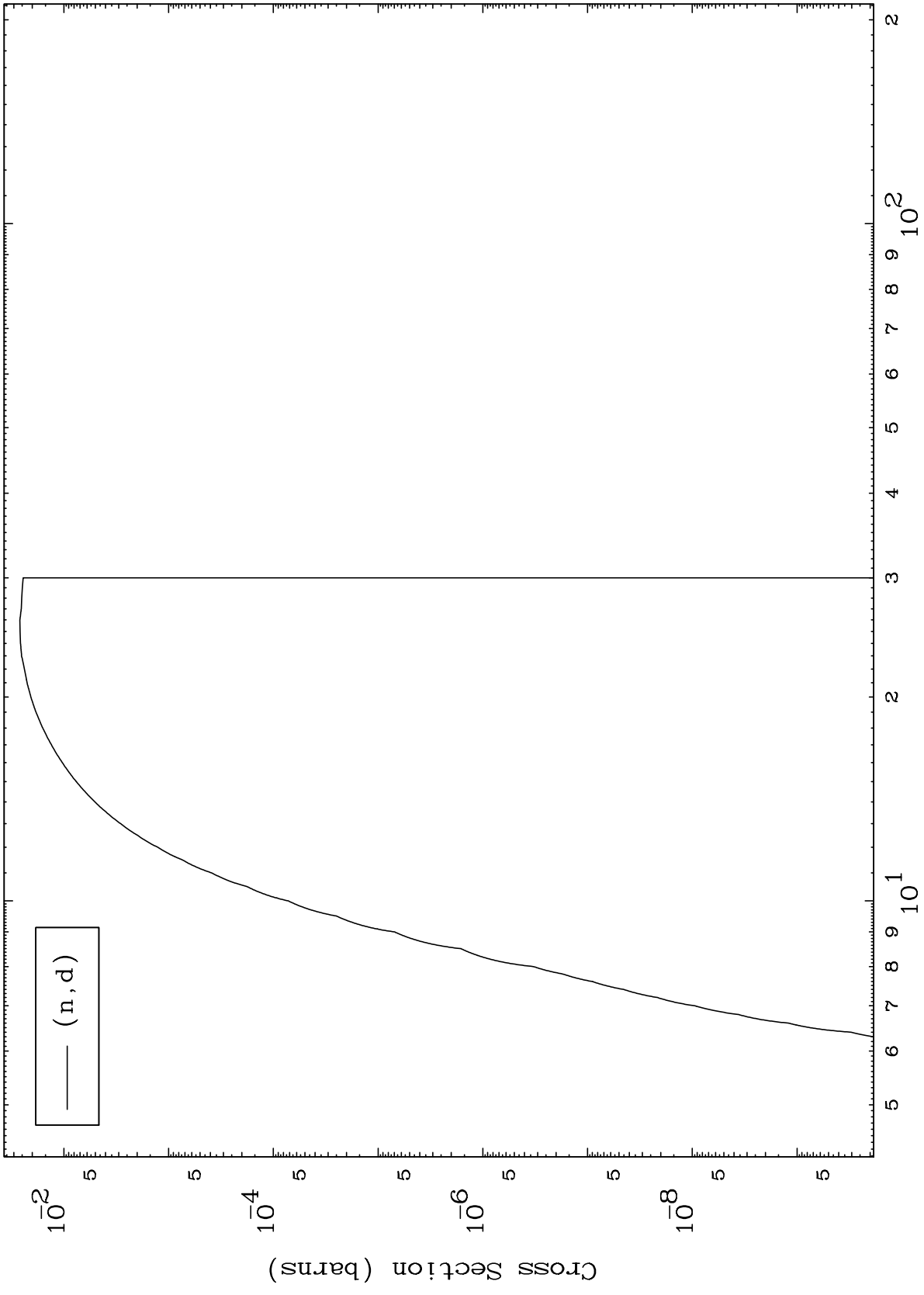
37-Rb-84



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Incident Energy (MeV)

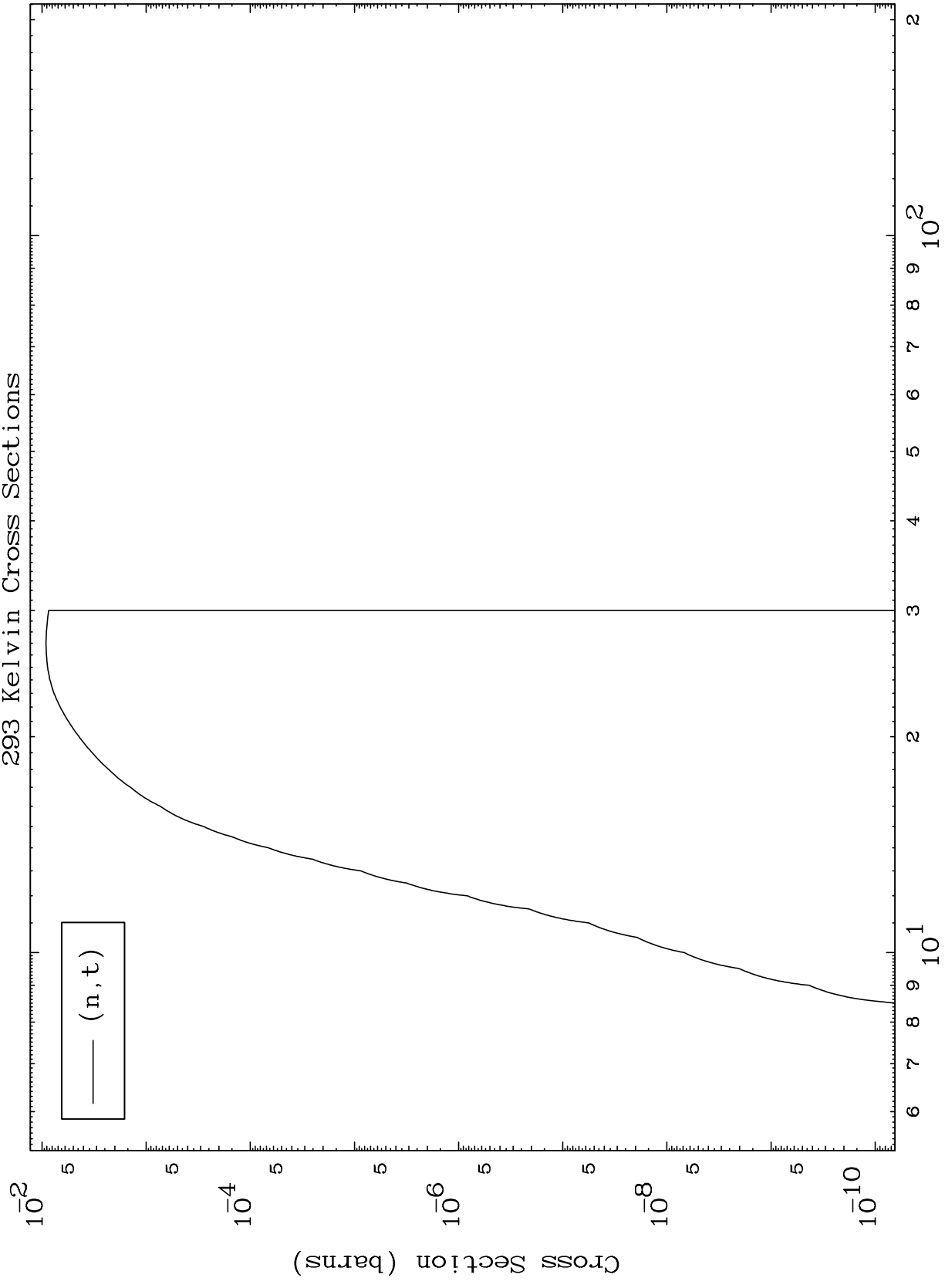
37-Rb-84



MAT 3723

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-84



12

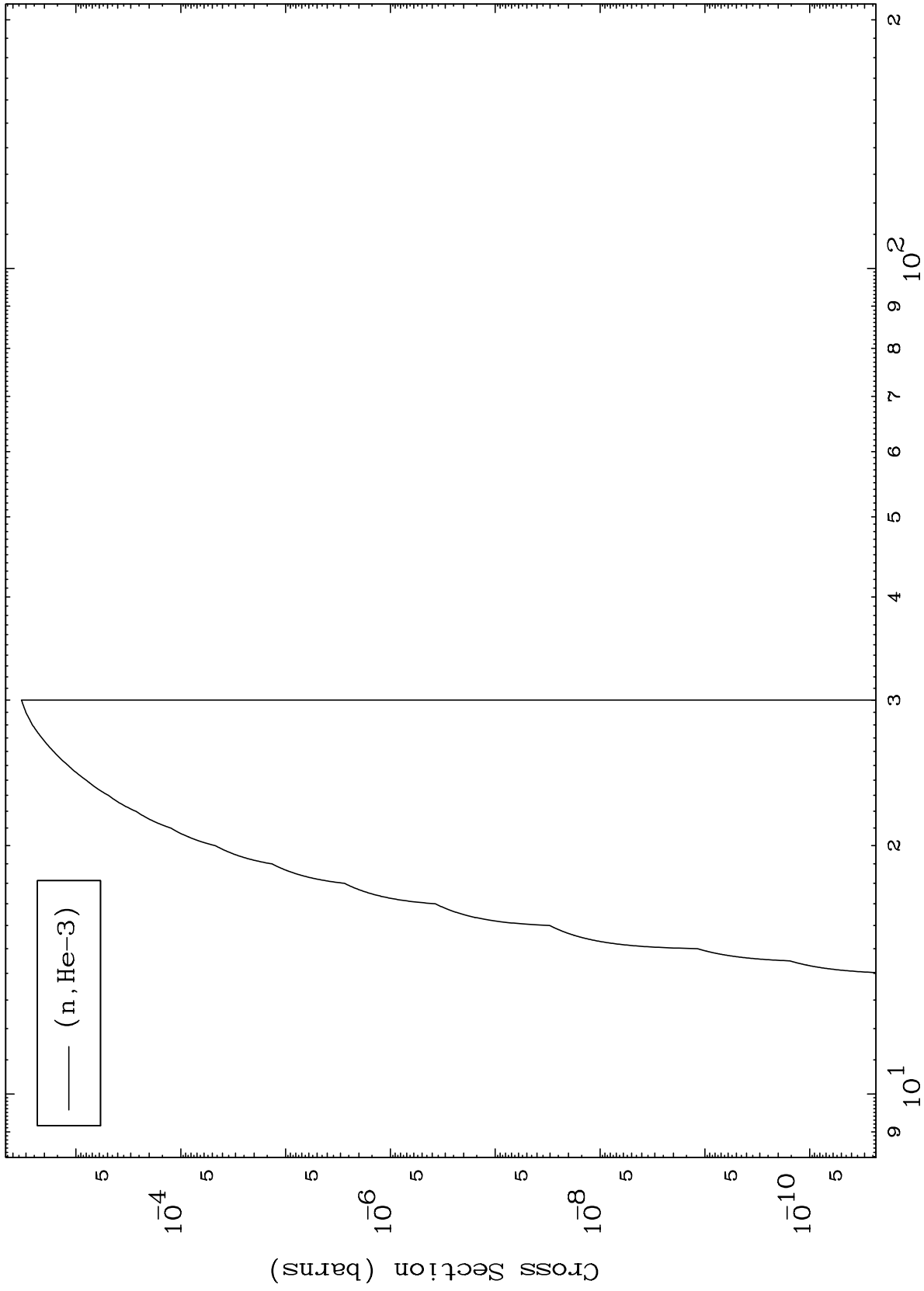
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-84



13

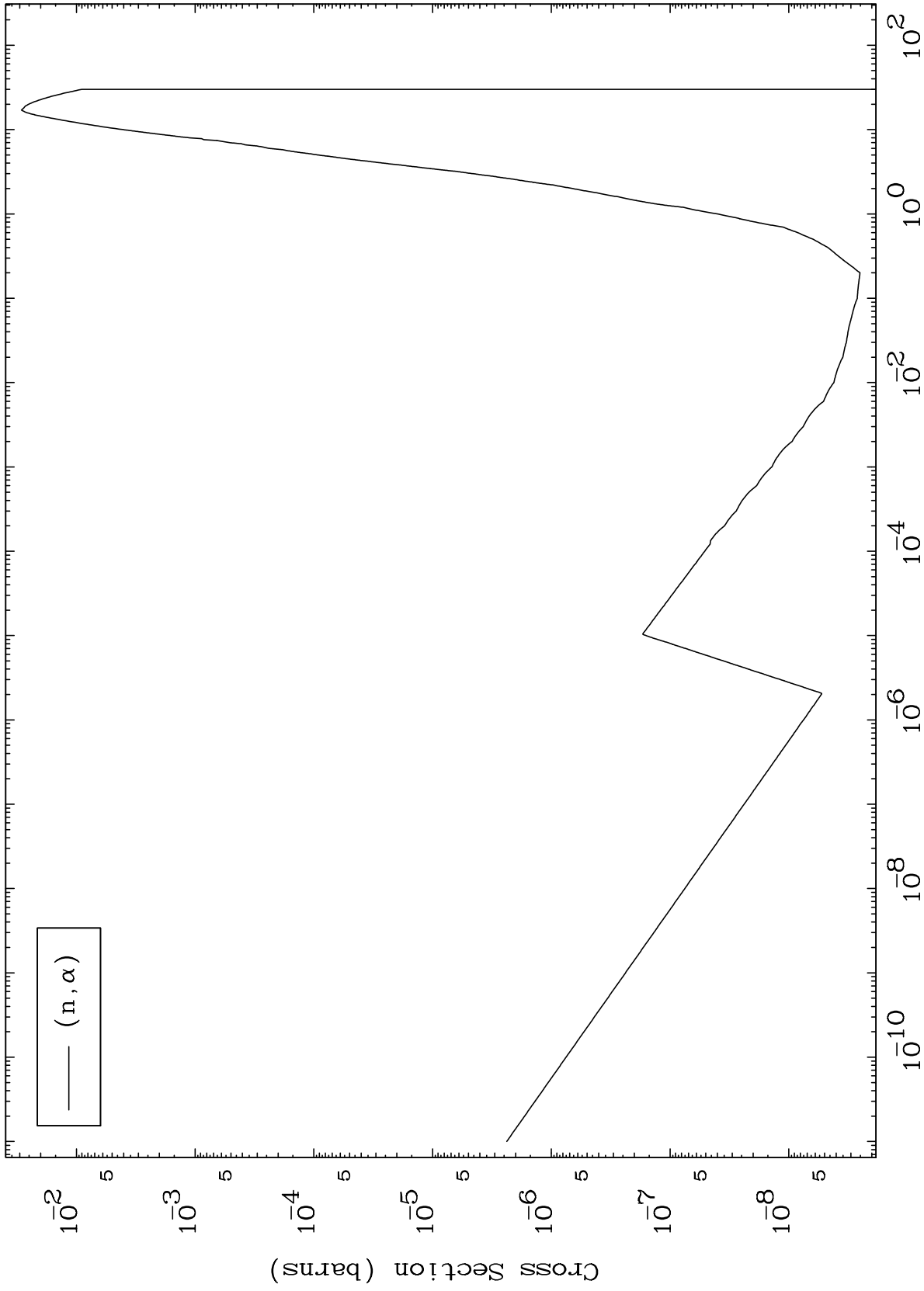
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,α) Levels  
293 Kelvin Cross Sections

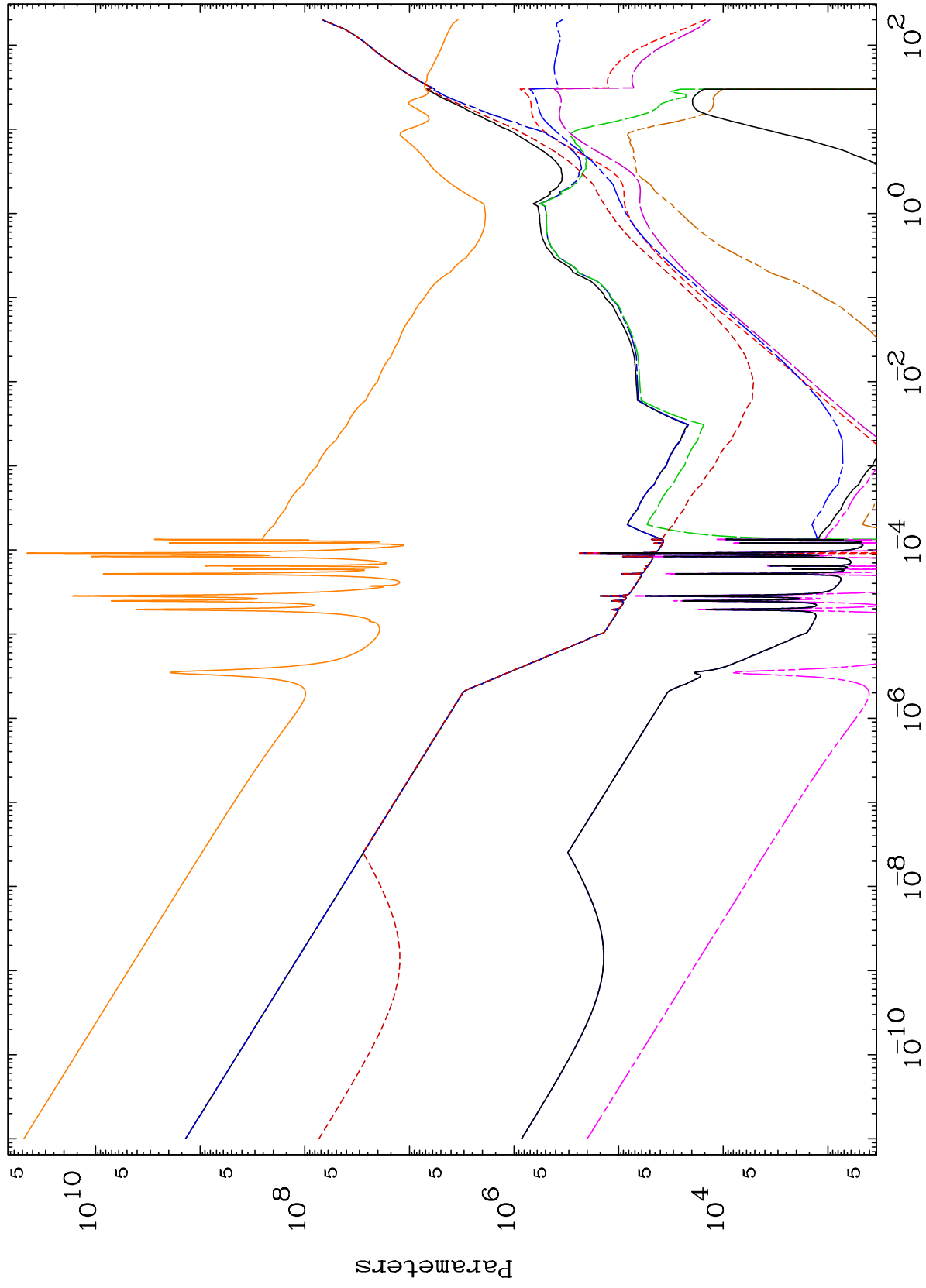
37-Rb-84



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Energy Release  
Parameters

37-Rb-84



15

Incident Energy (MeV)

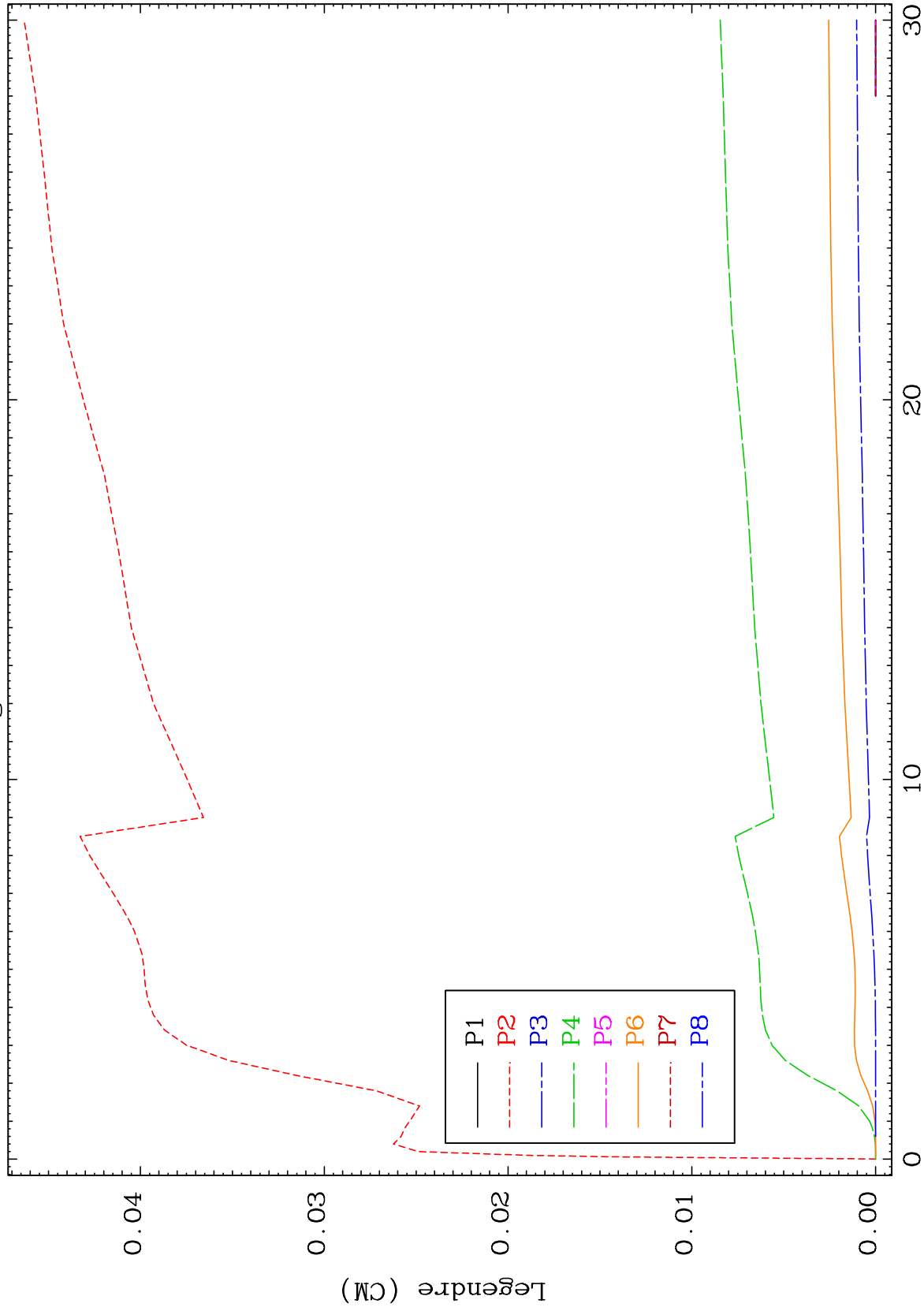
37-Rb-84



MAT 3723

Elastic Legendre Coefficients

37-Rb-84



37-Rb-84

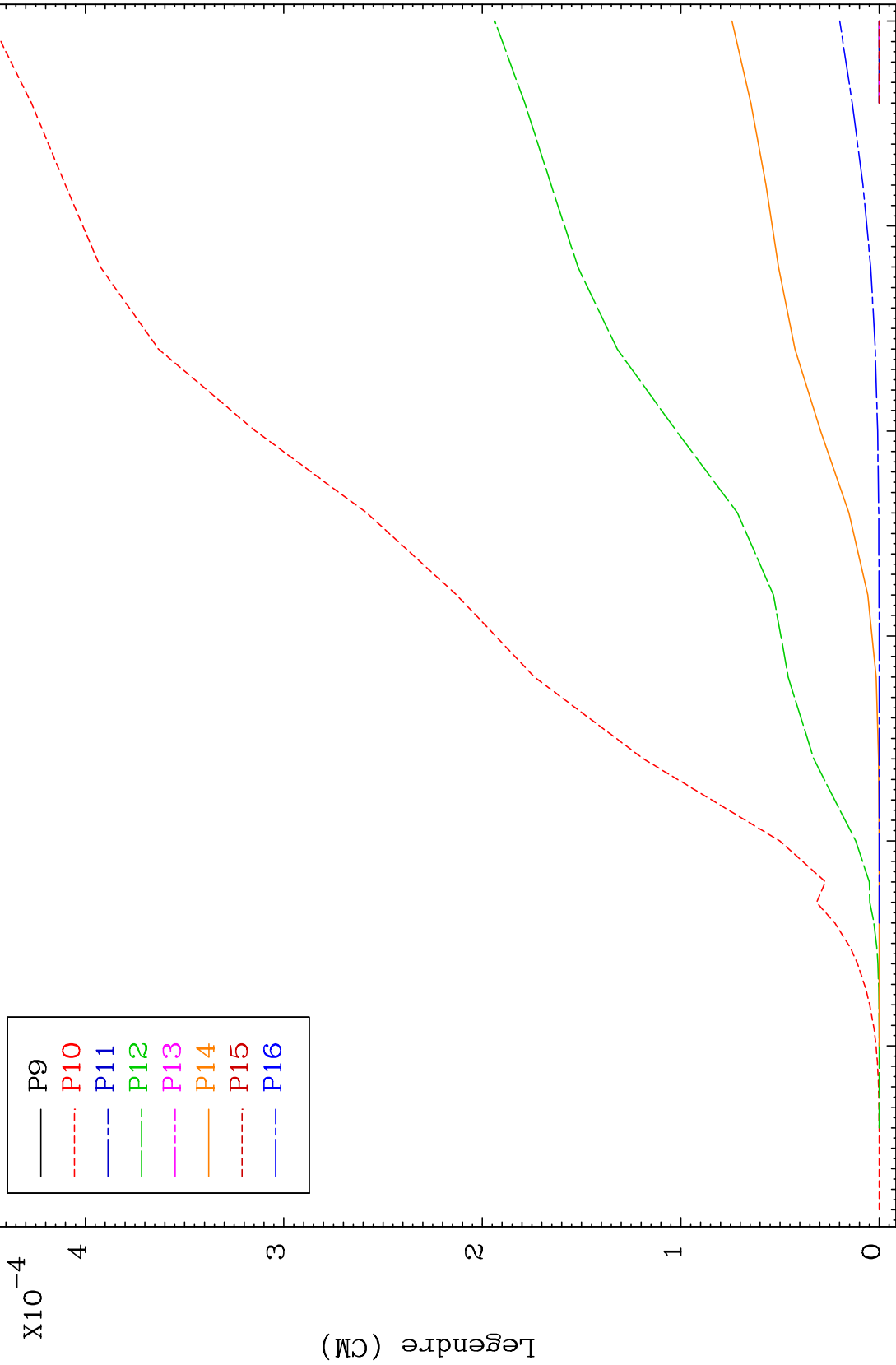
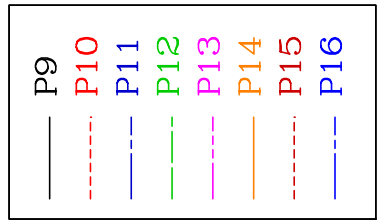
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

37-Rb-84



17

37-Rb-84

MAT 3723

Elastic Legendre Coefficients

37-Rb-84



18

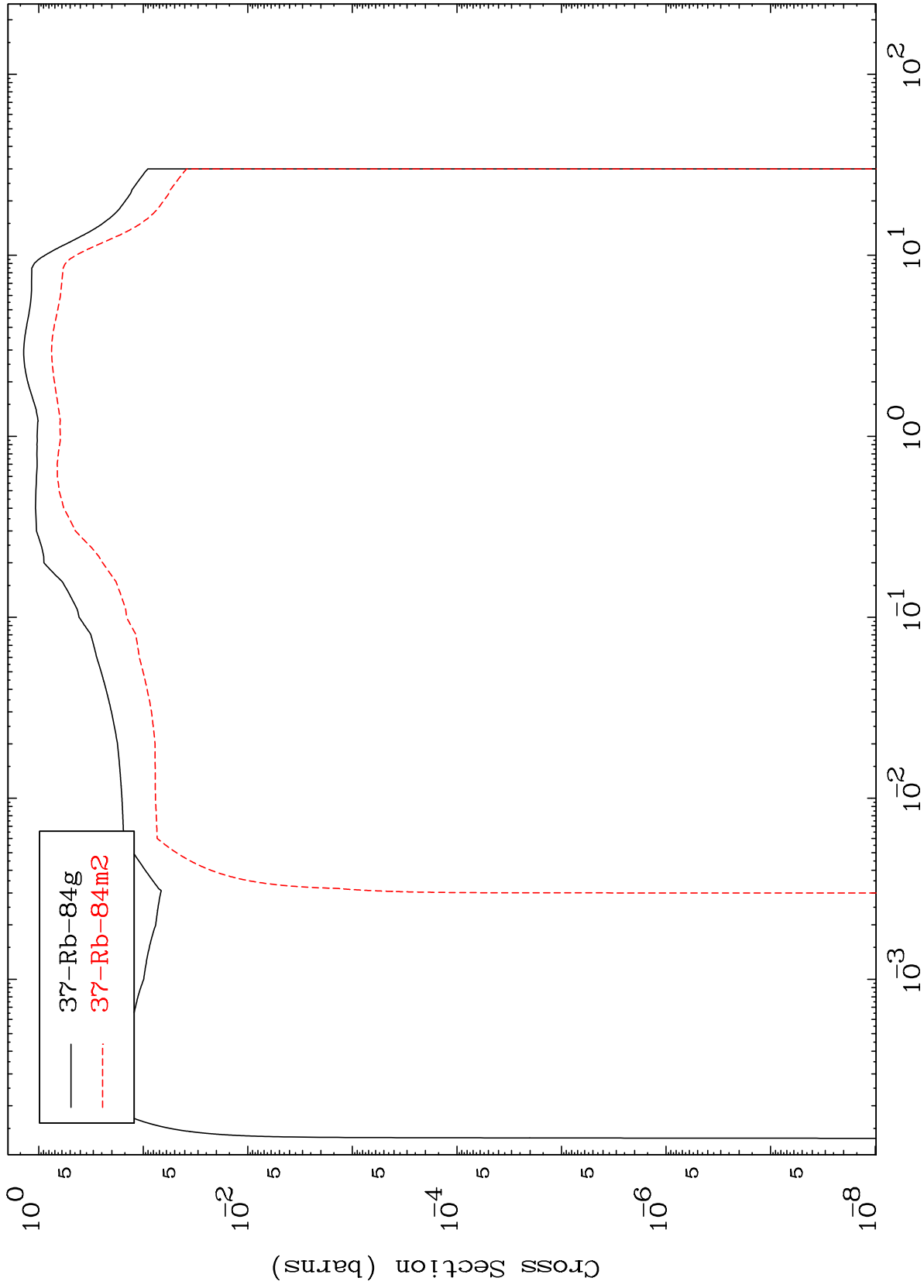
Incident Energy (MeV)

37-Rb-84

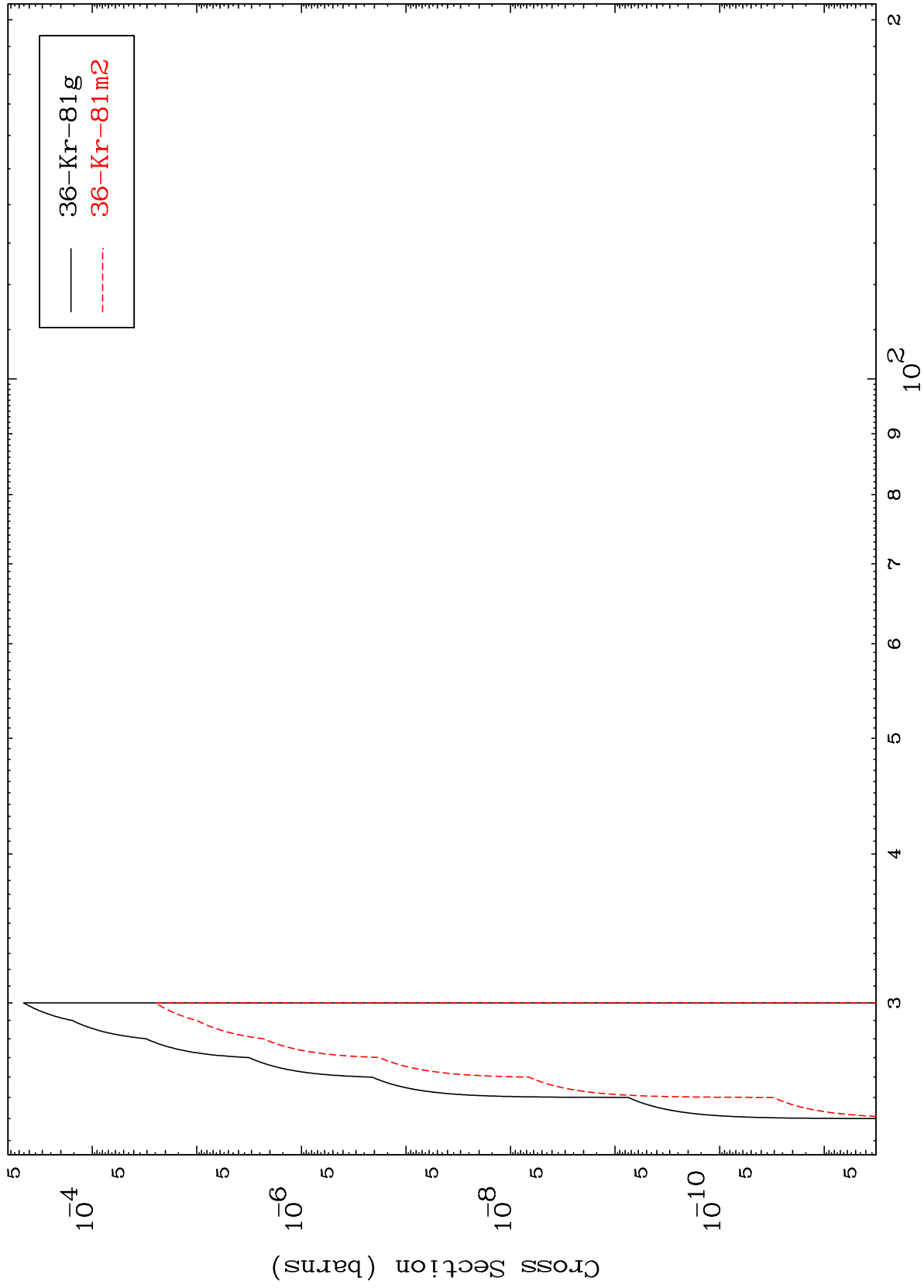
MAT 3723

37-Rb-84

Inelastic  
Radionuclide Production Cross Section



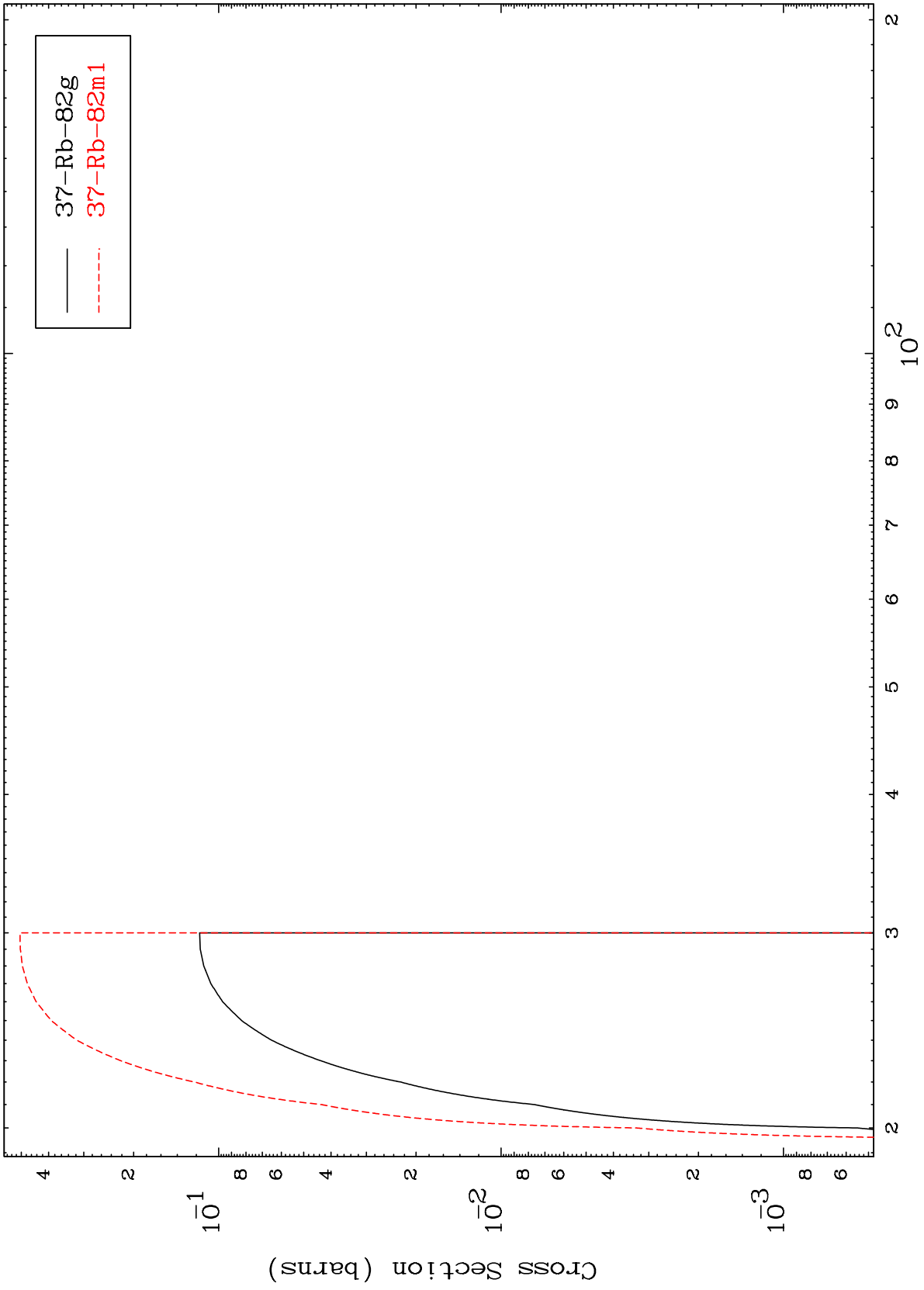
Radionuclide Production Cross Section



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37-Rb-84

(n,3n)  
Radionuclide Production Cross Section



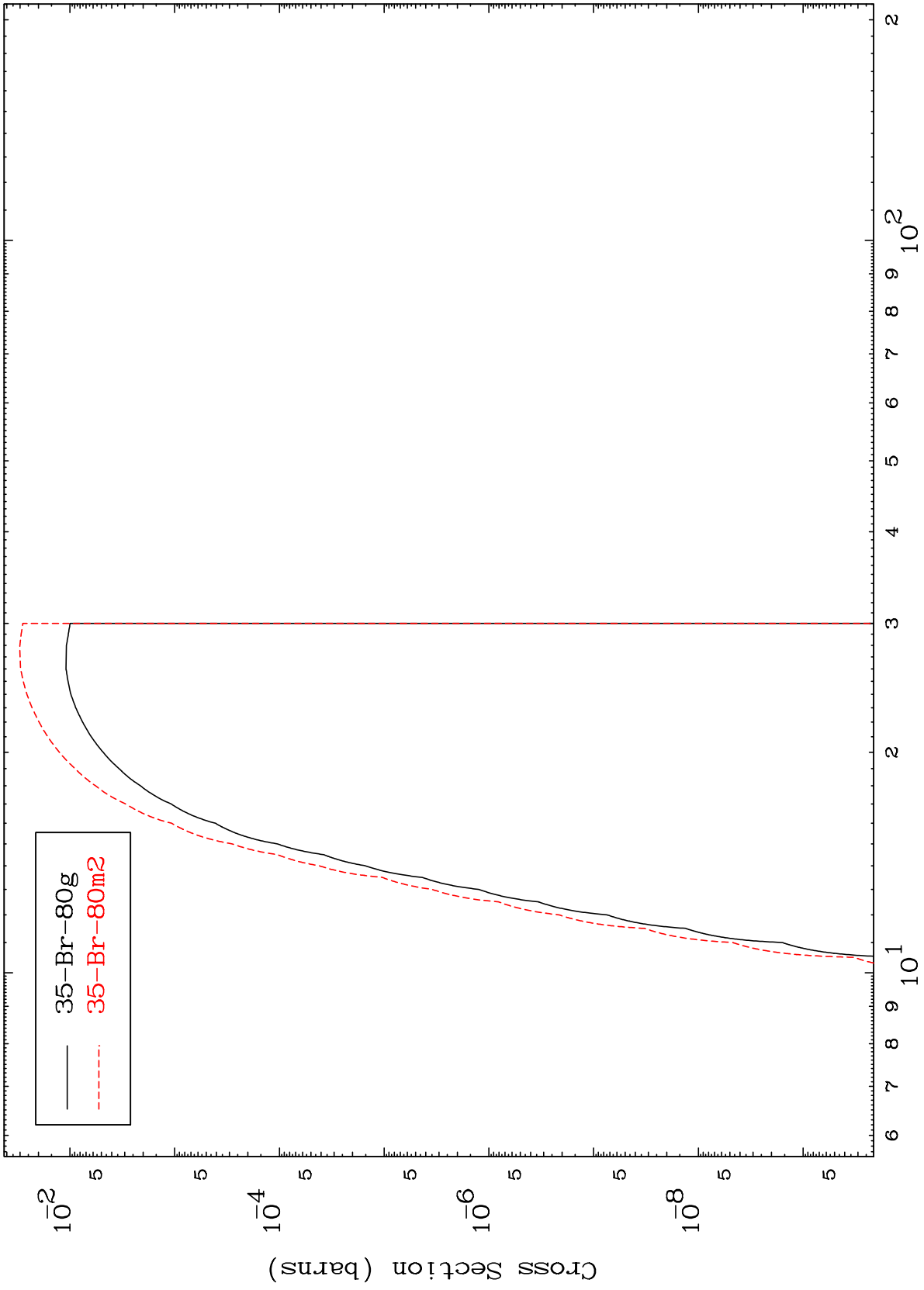
21

37-Rb-84

MAT 3723

37-Rb-84

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



22

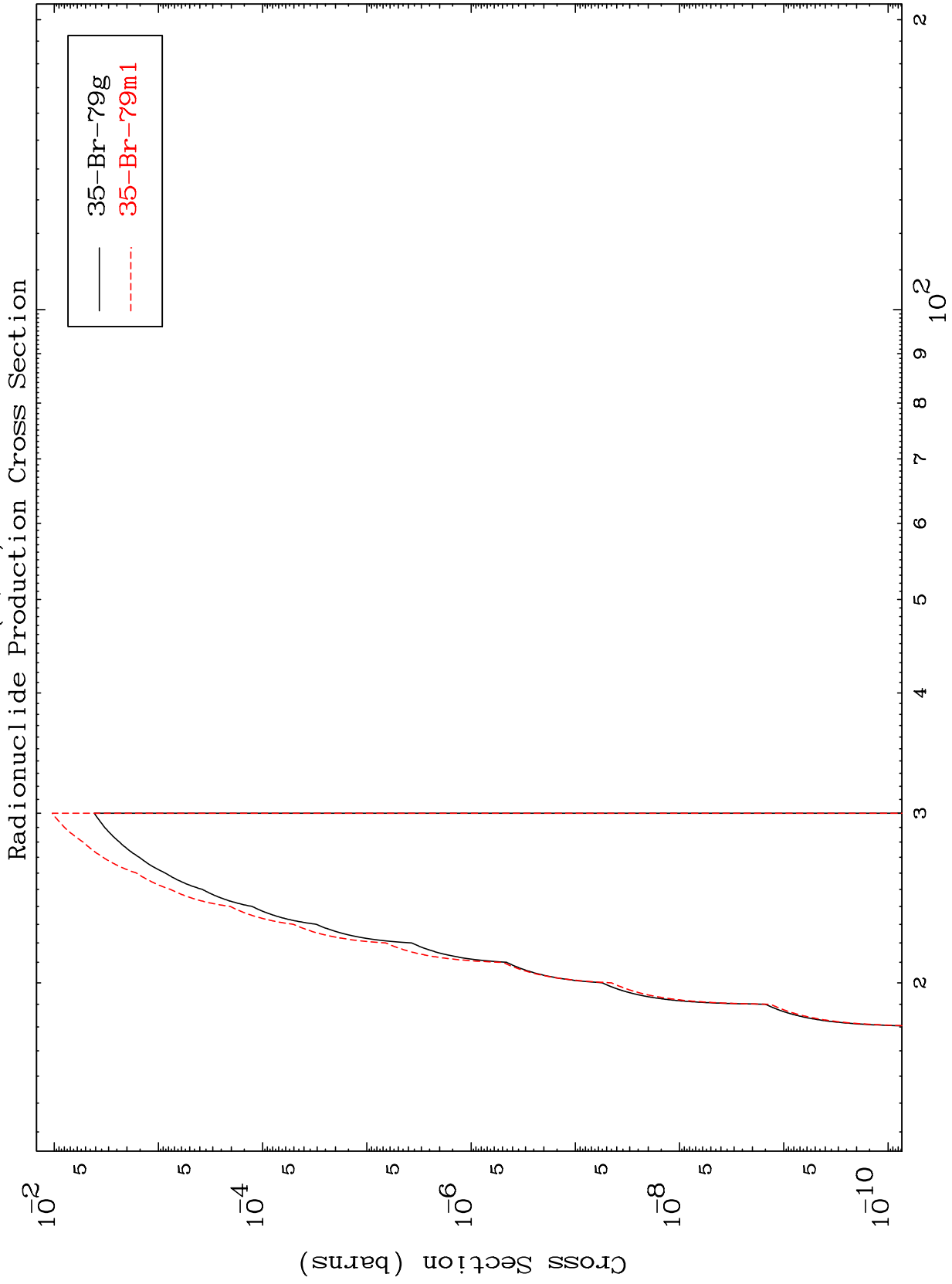
Incident Energy (MeV)

37-Rb-84

MAT 3723

(n,2n)  $\alpha$

37-Rb-84



23

37-Rb-84

37-Rb-84

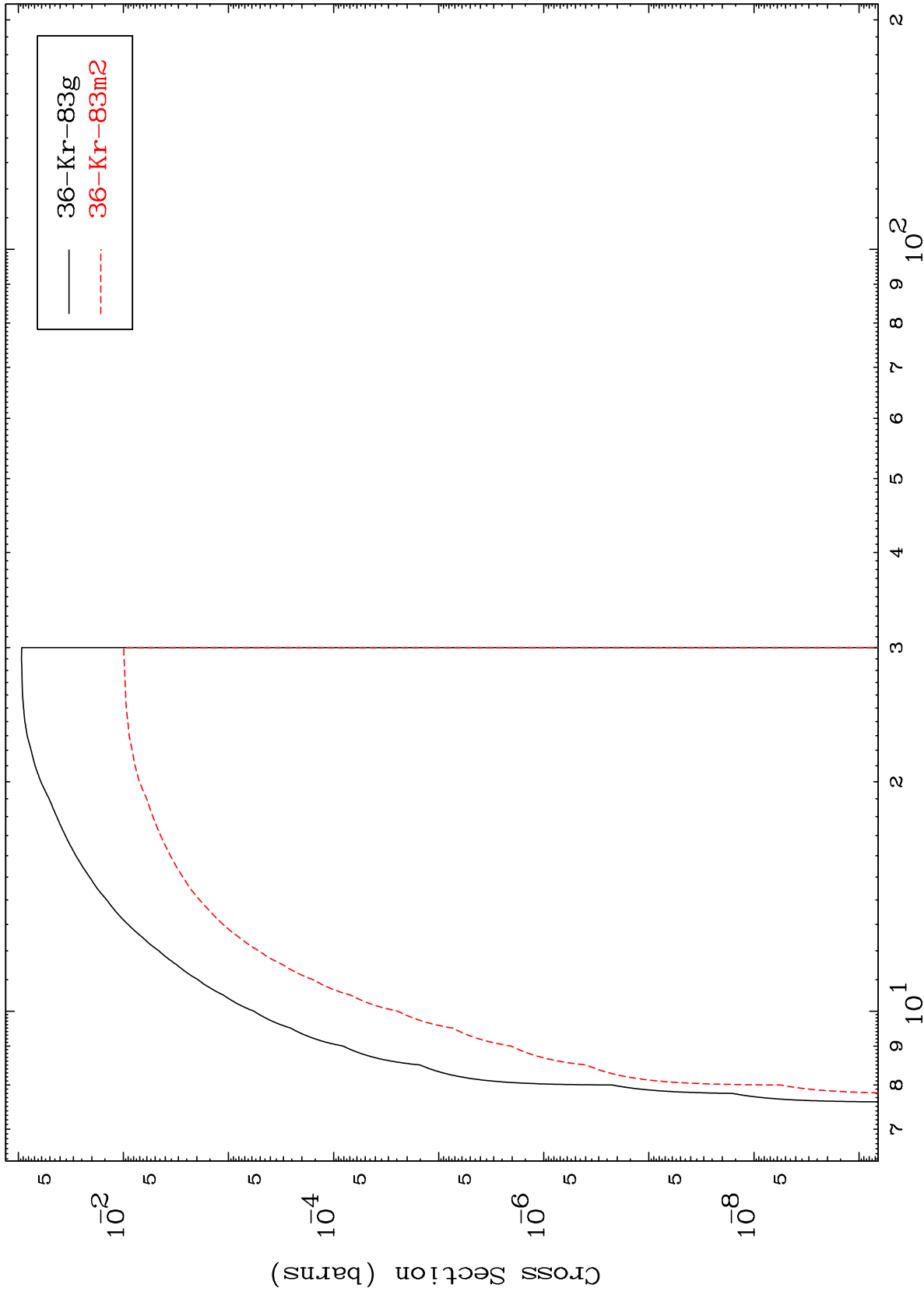


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(n,n') p

37-Rb-84

Radionuclide Production Cross Section



24

Incident Energy (MeV)

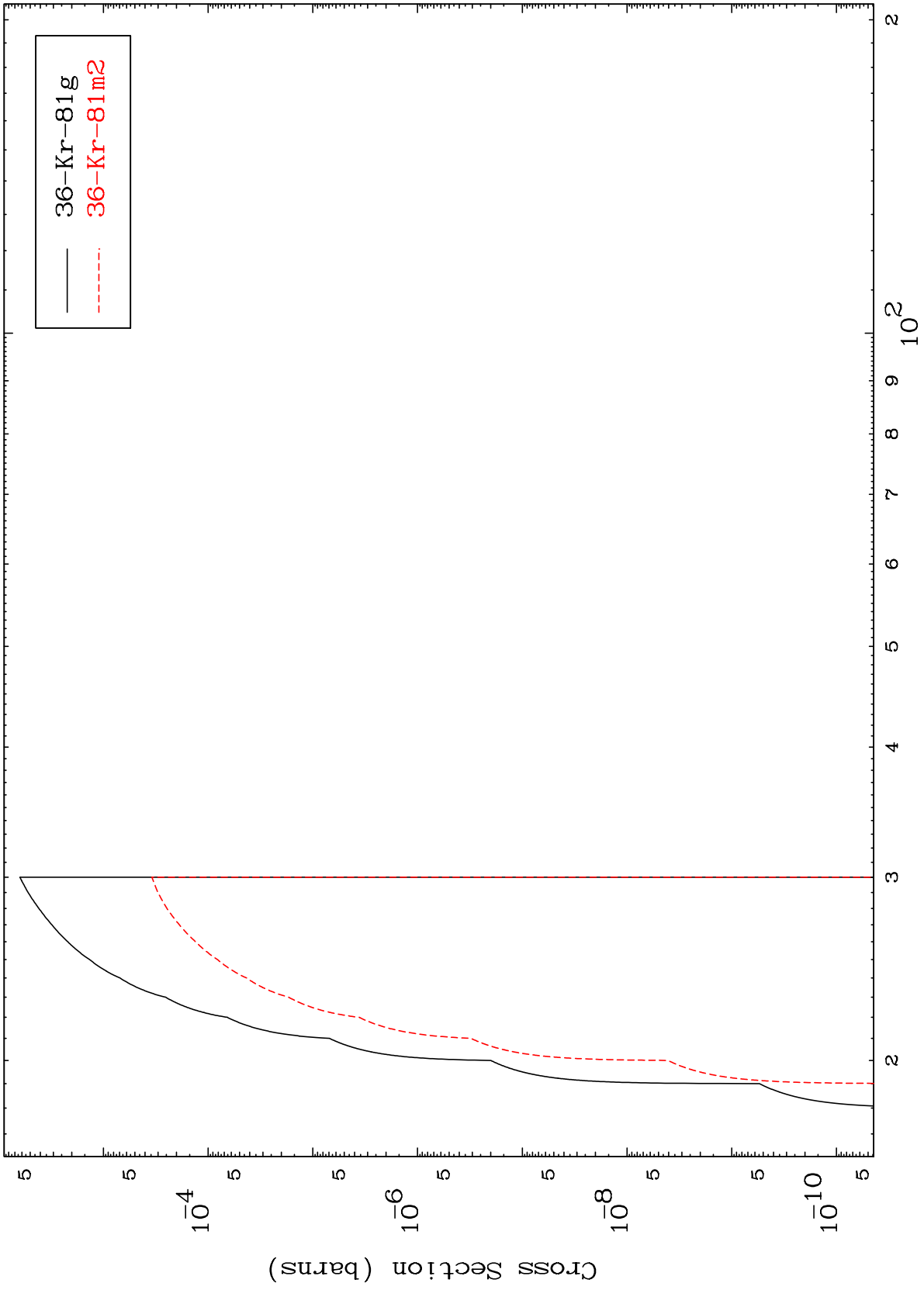
37-Rb-84

MAT 3723

(n,n') t

37-Rb-84

Radionuclide Production Cross Section



25

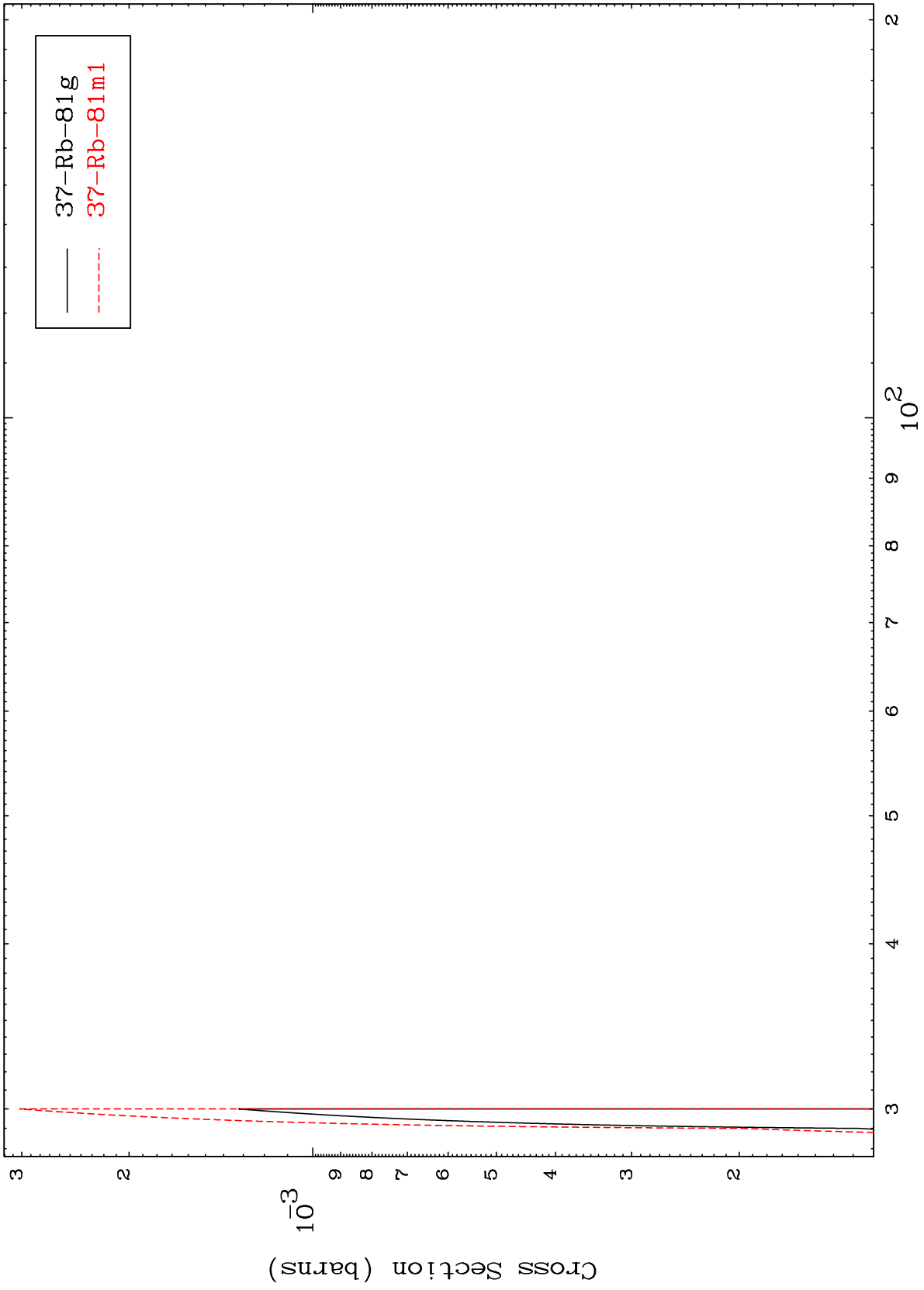
Incident Energy (MeV)

37-Rb-84

MAT 3723

37-Rb-84

(n,4n)  
Radionuclide Production Cross Section



37-Rb-84

Incident Energy (MeV)

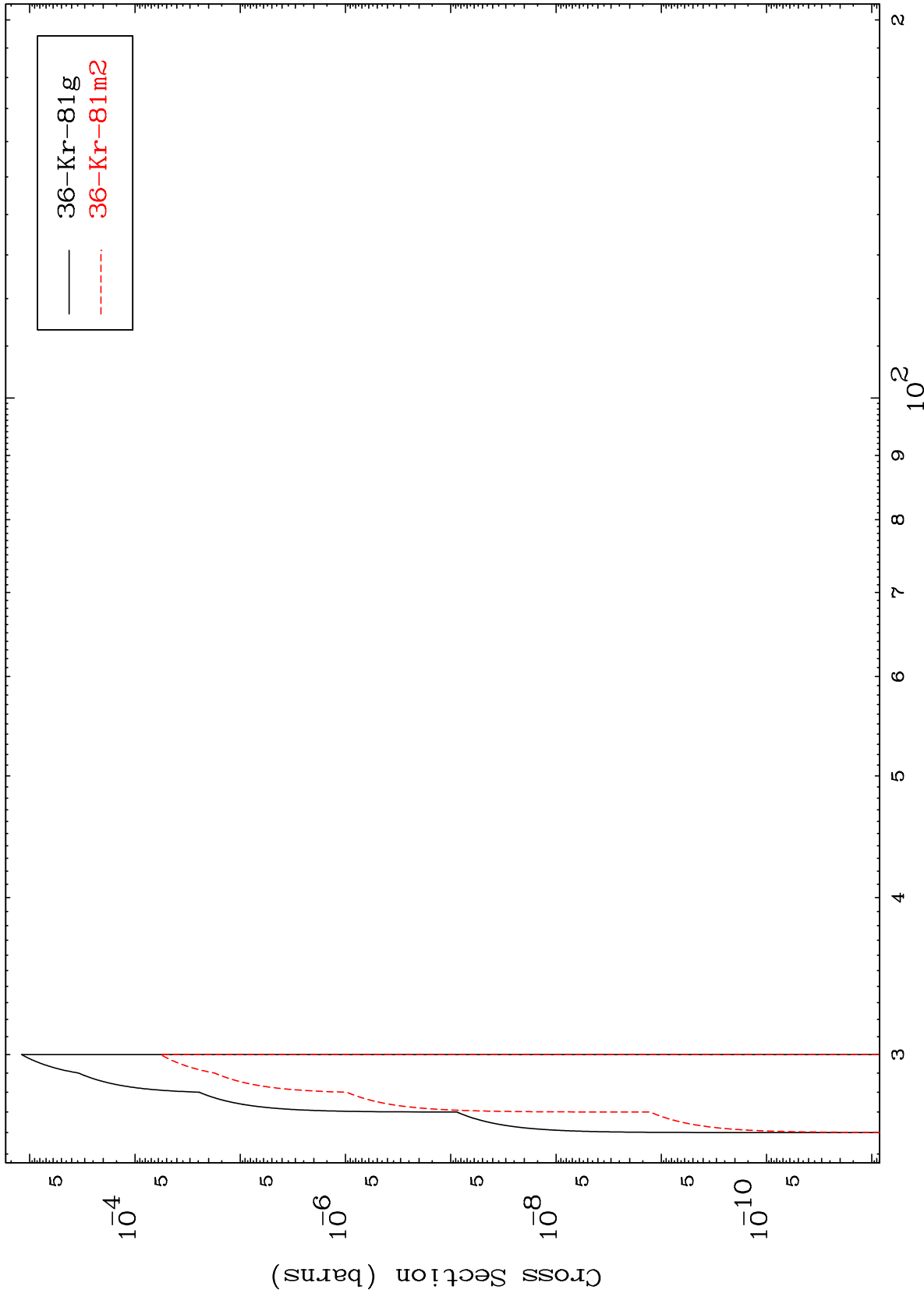
26

MAT 3723

(n,3n) p

37-Rb-84

Radionuclide Production Cross Section



27

Incident Energy (MeV)

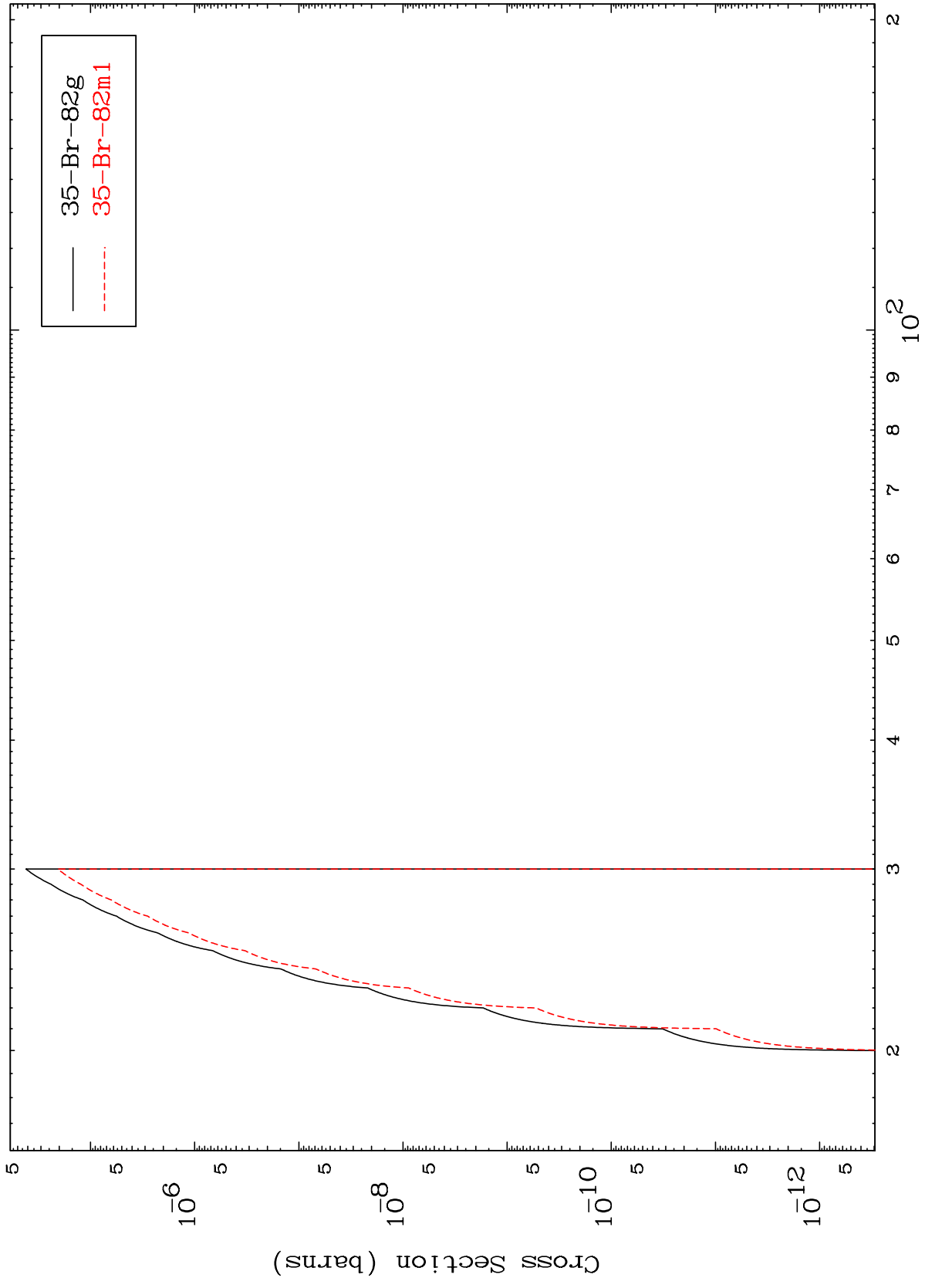
37-Rb-84

MAT 3723

(n,2n) p

37-Rb-84

Radionuclide Production Cross Section



28

Incident Energy (MeV)

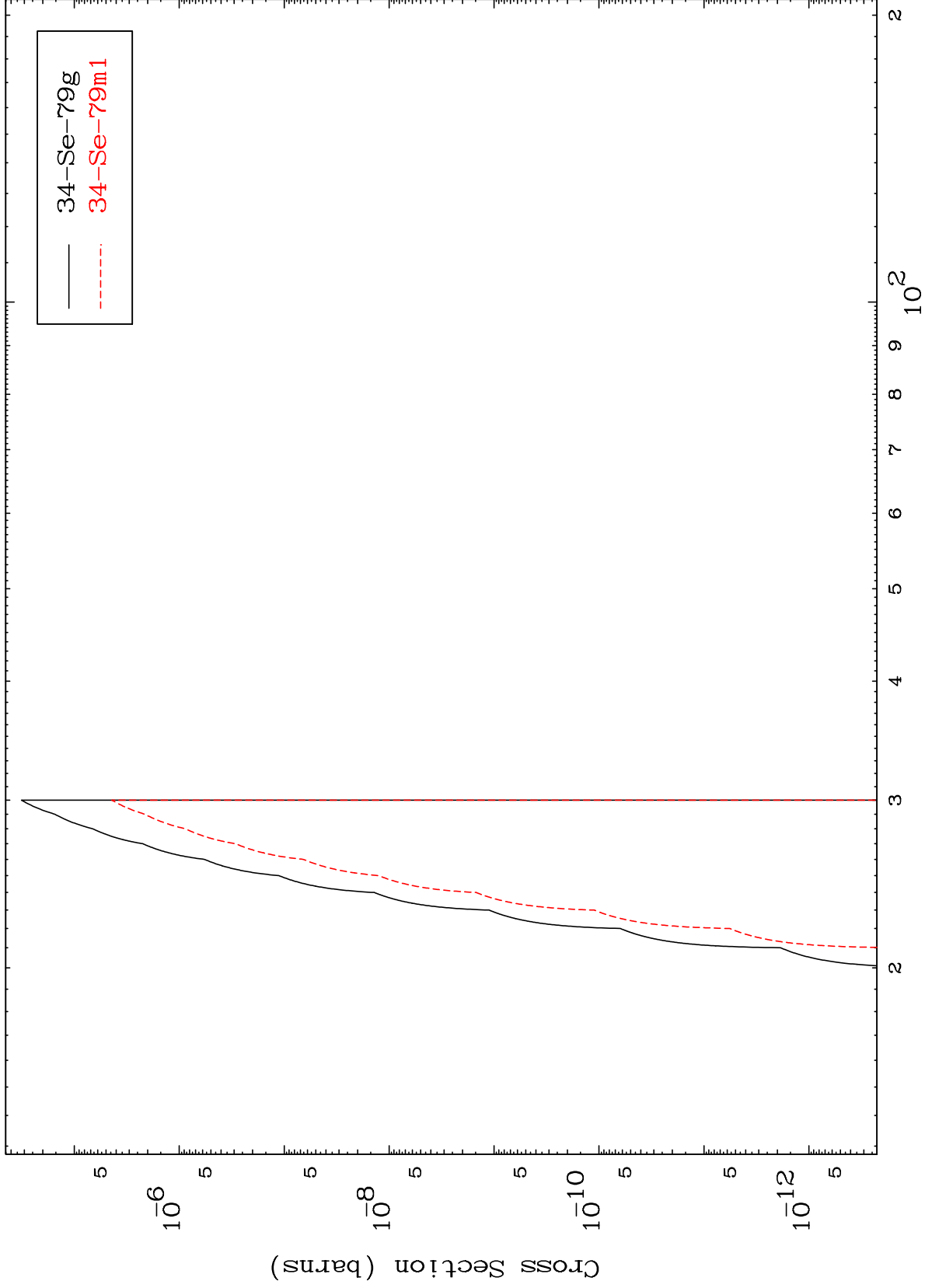
37-Rb-84

MAT 3723

(n,n') p  $\alpha$

37-Rb-84

Radionuclide Production Cross Section



29

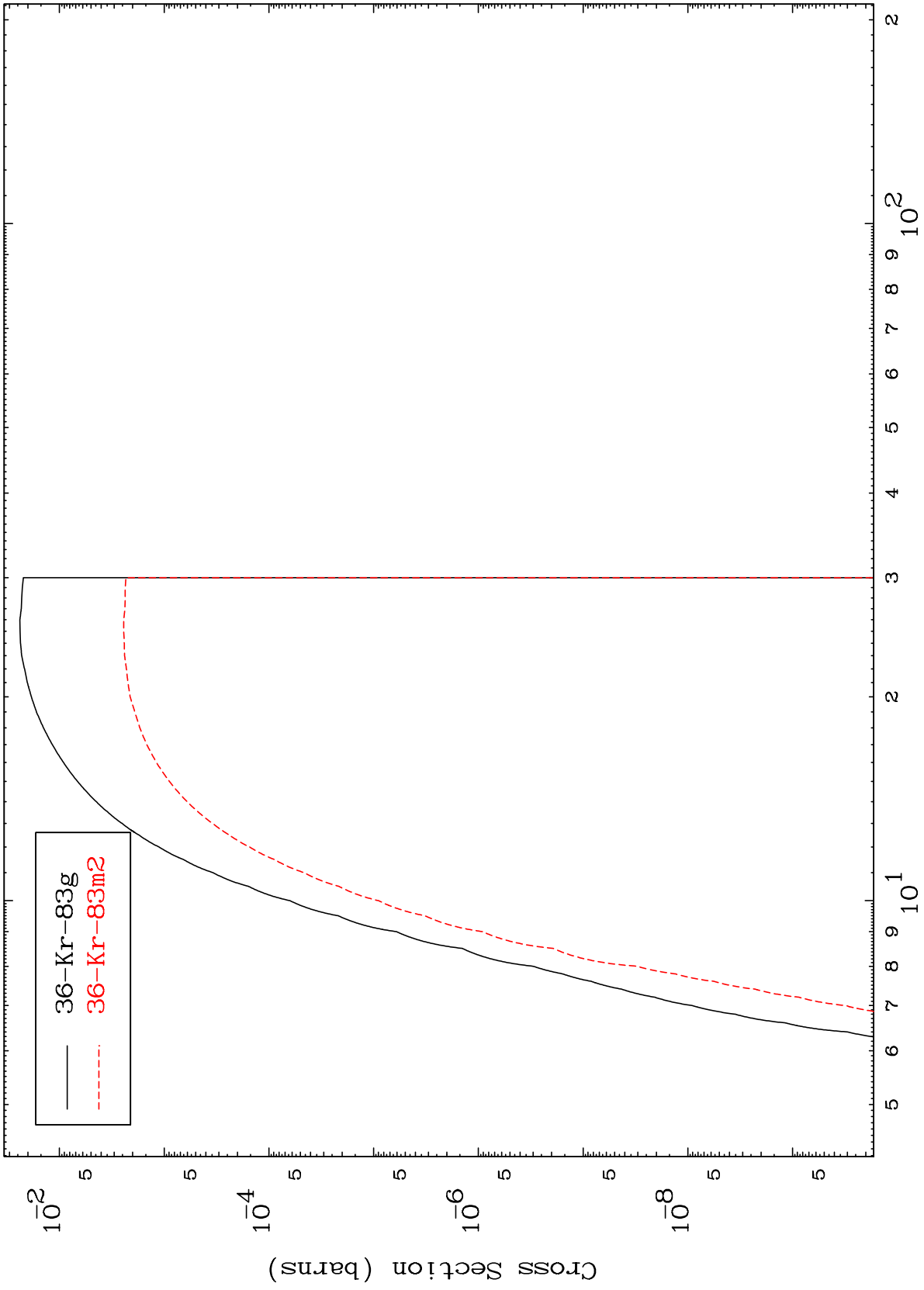
Incident Energy (MeV)

37-Rb-84

MAT 3723

37-Rb-84

(n,d)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

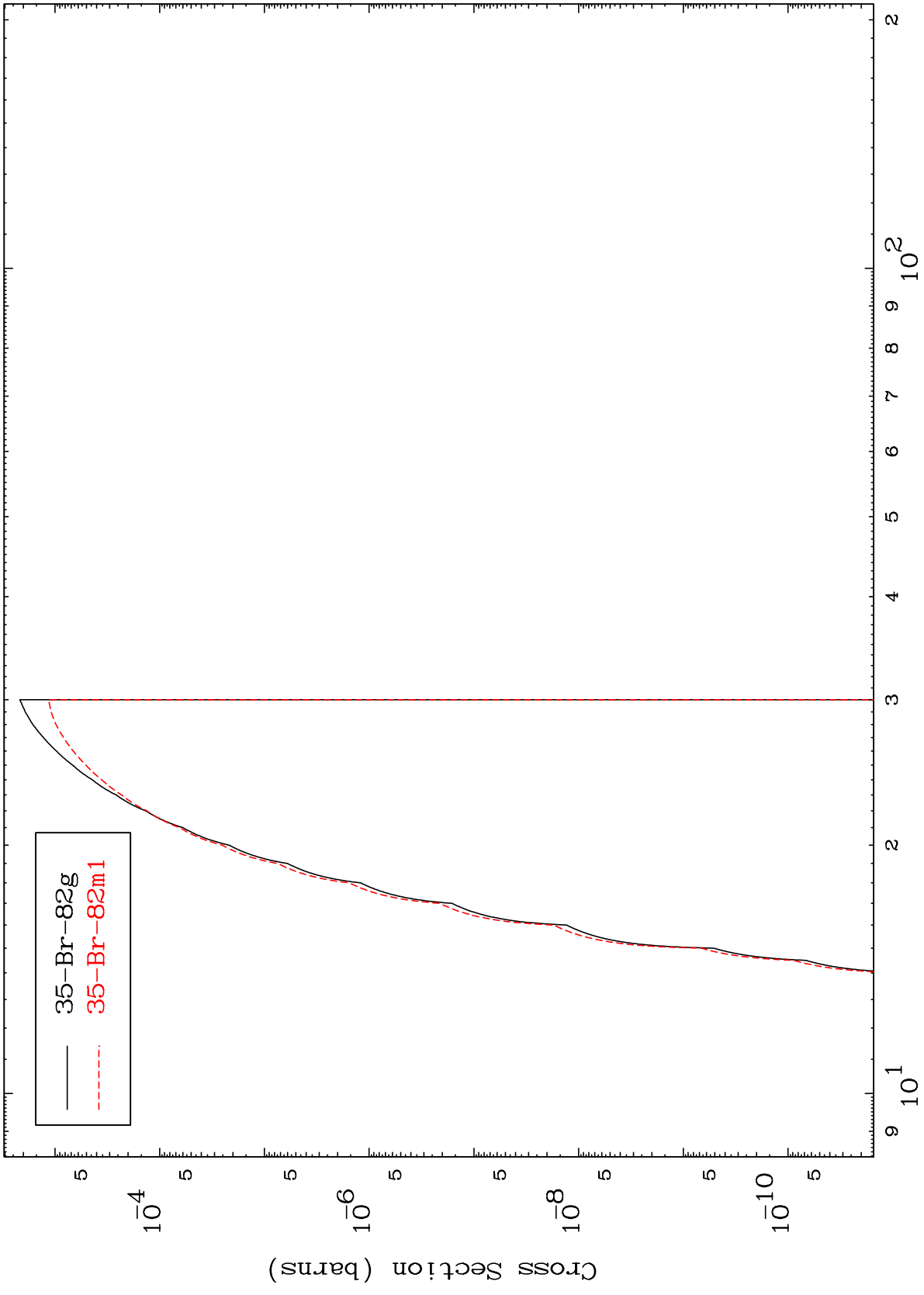
37-Rb-84

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(n, He-3)

37-Rb-84

Radionuclide Production Cross Section



31

Incident Energy (MeV)

37-Rb-84

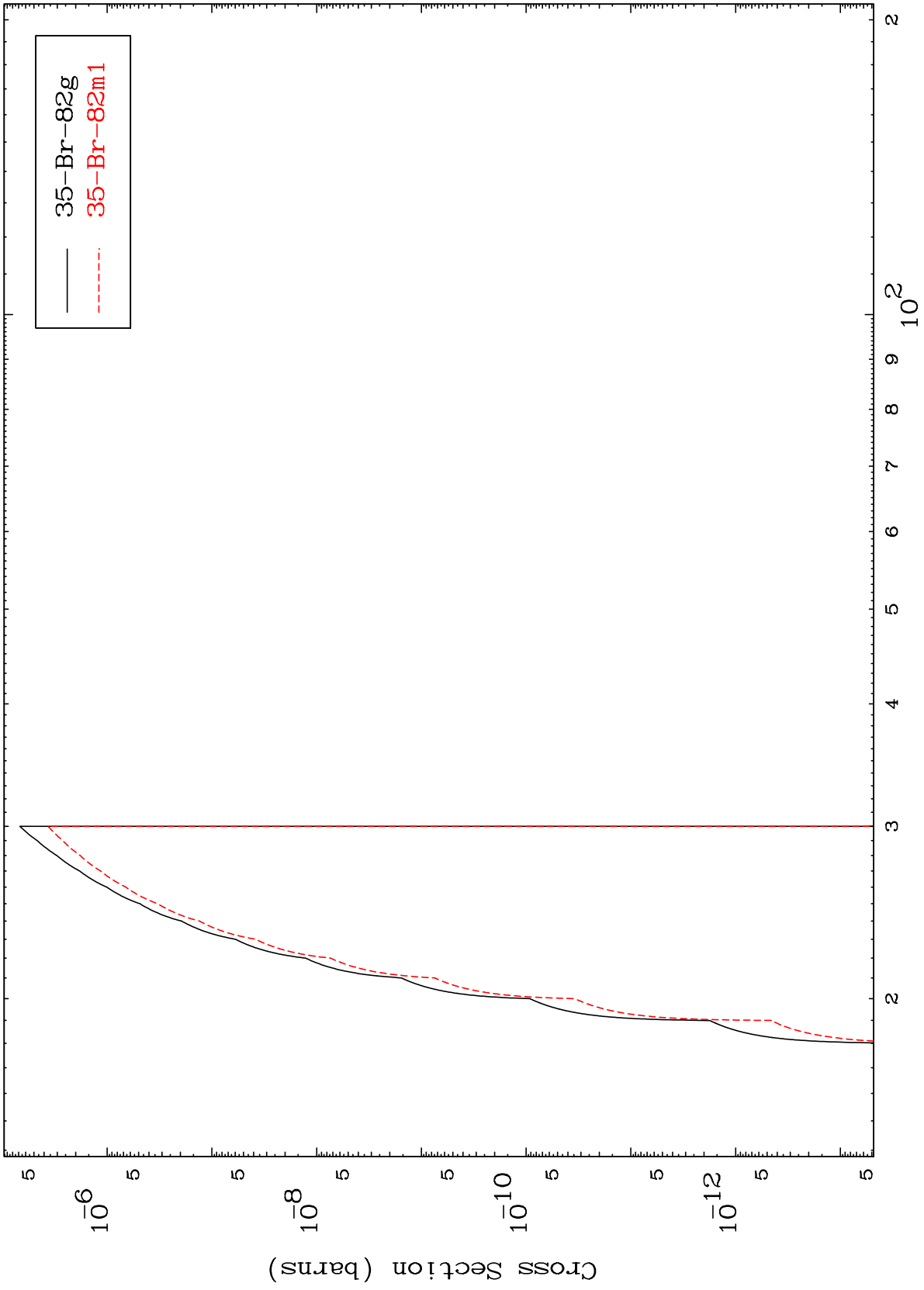


MAT 3723

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



32

Incident Energy (MeV)

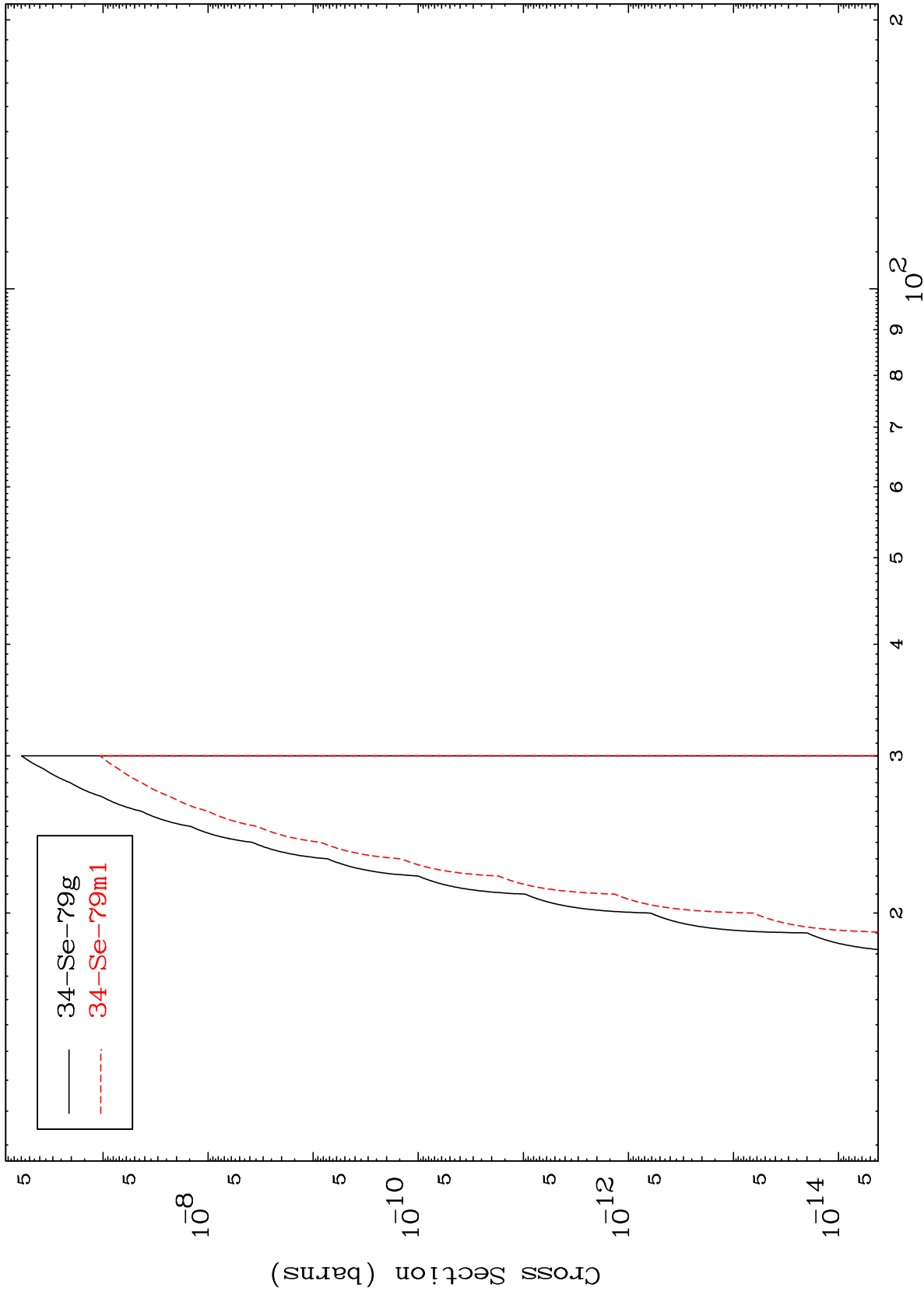
37-Rb-84

MAT 3723

(n,d)  $\alpha$

37-Rb-84

Radionuclide Production Cross Section



33

Incident Energy (MeV)

37-Rb-84