

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

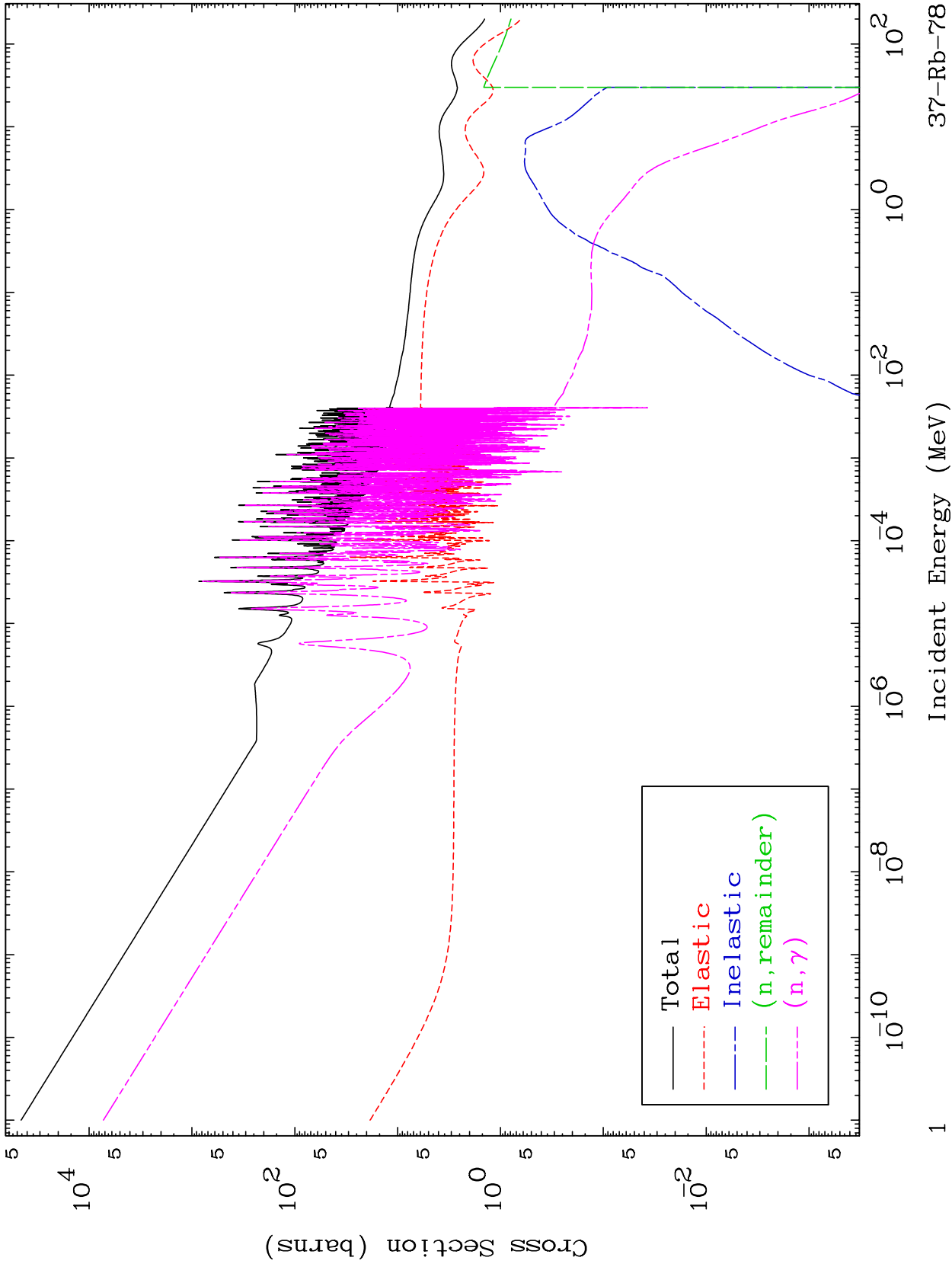
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3705

Major
293 Kelvin Cross Sections

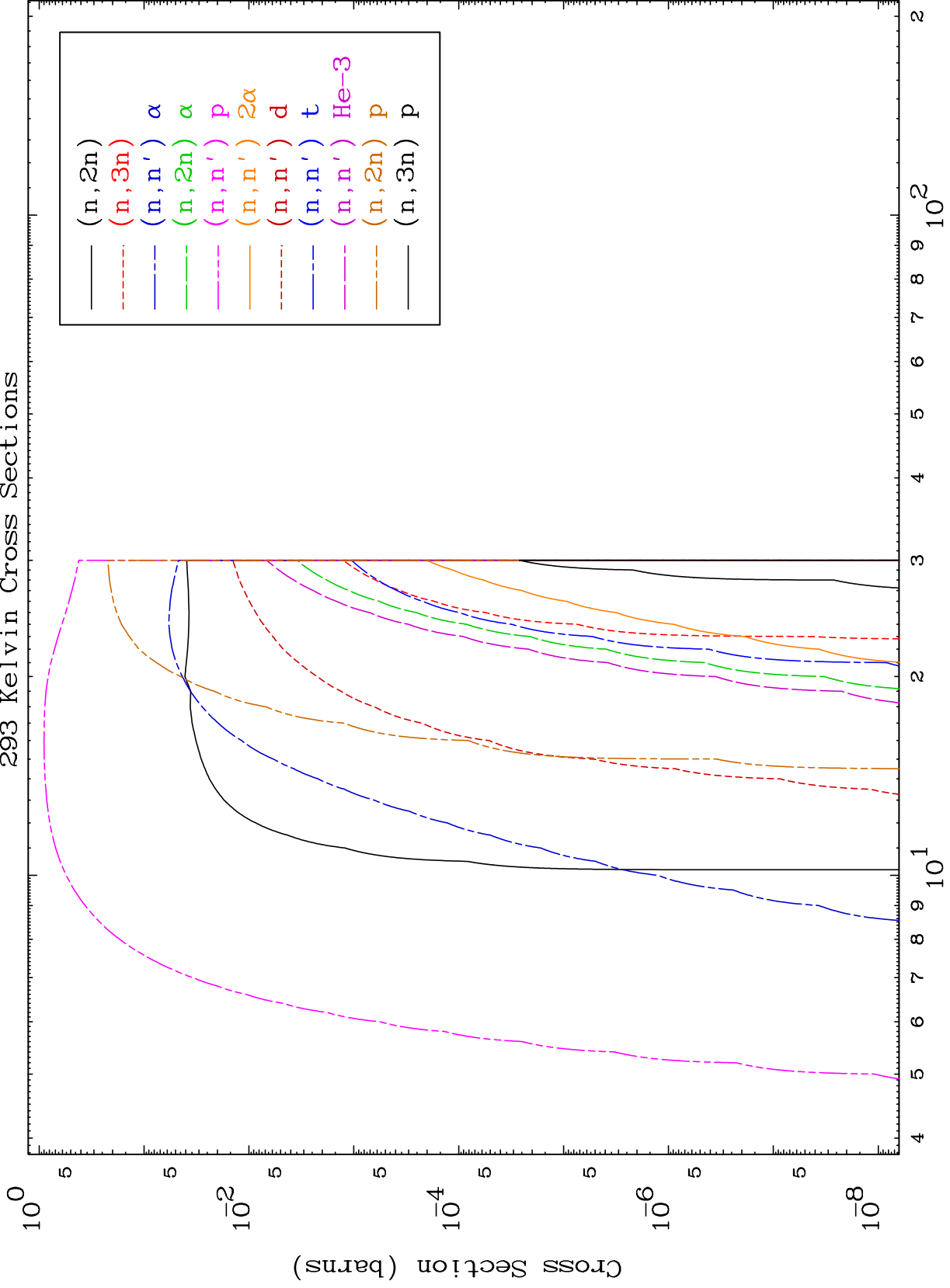
37-Rb-78



MAT 3705

Neutron Production
293 Kelvin Cross Sections

37-Rb-78



2

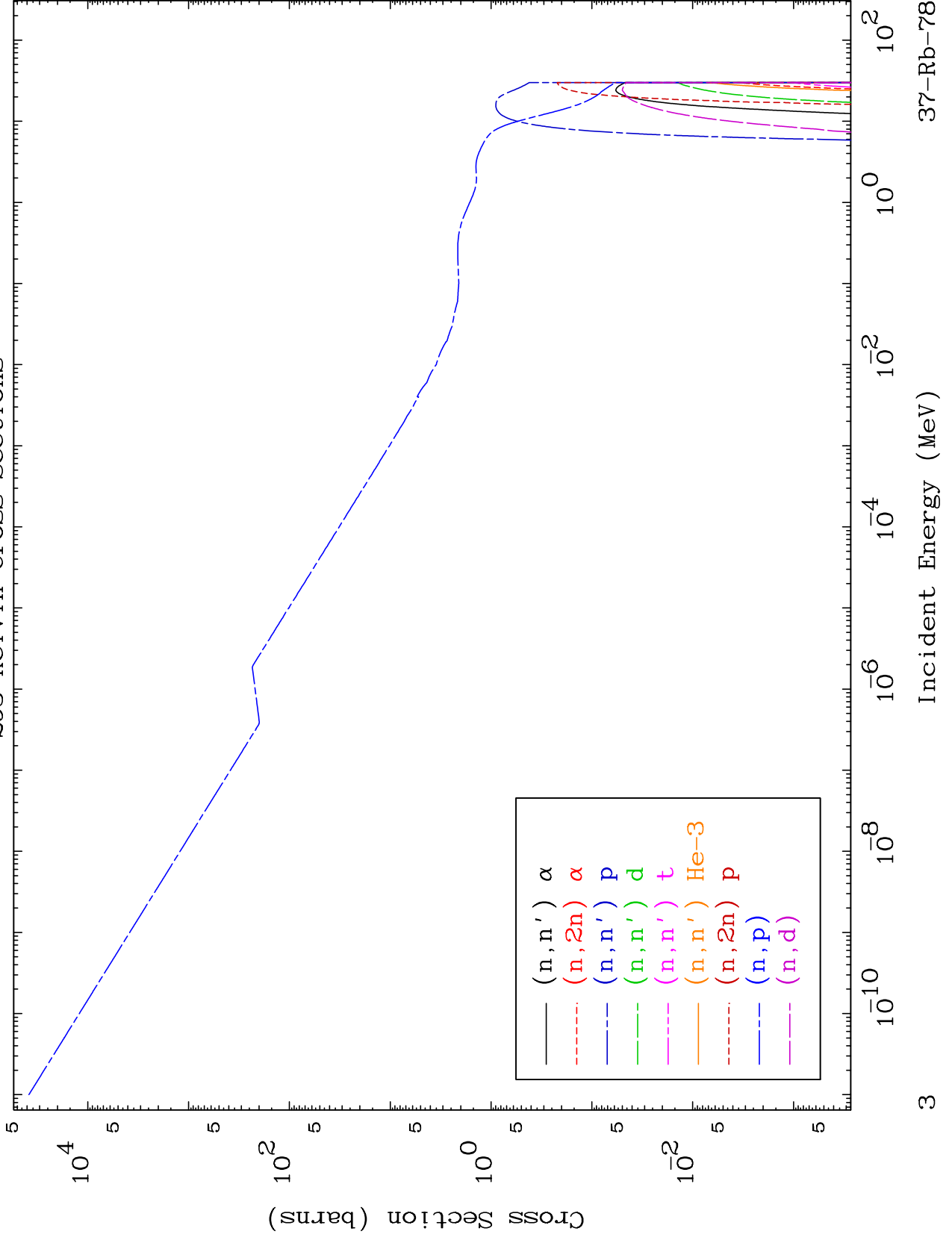
Incident Energy (MeV)

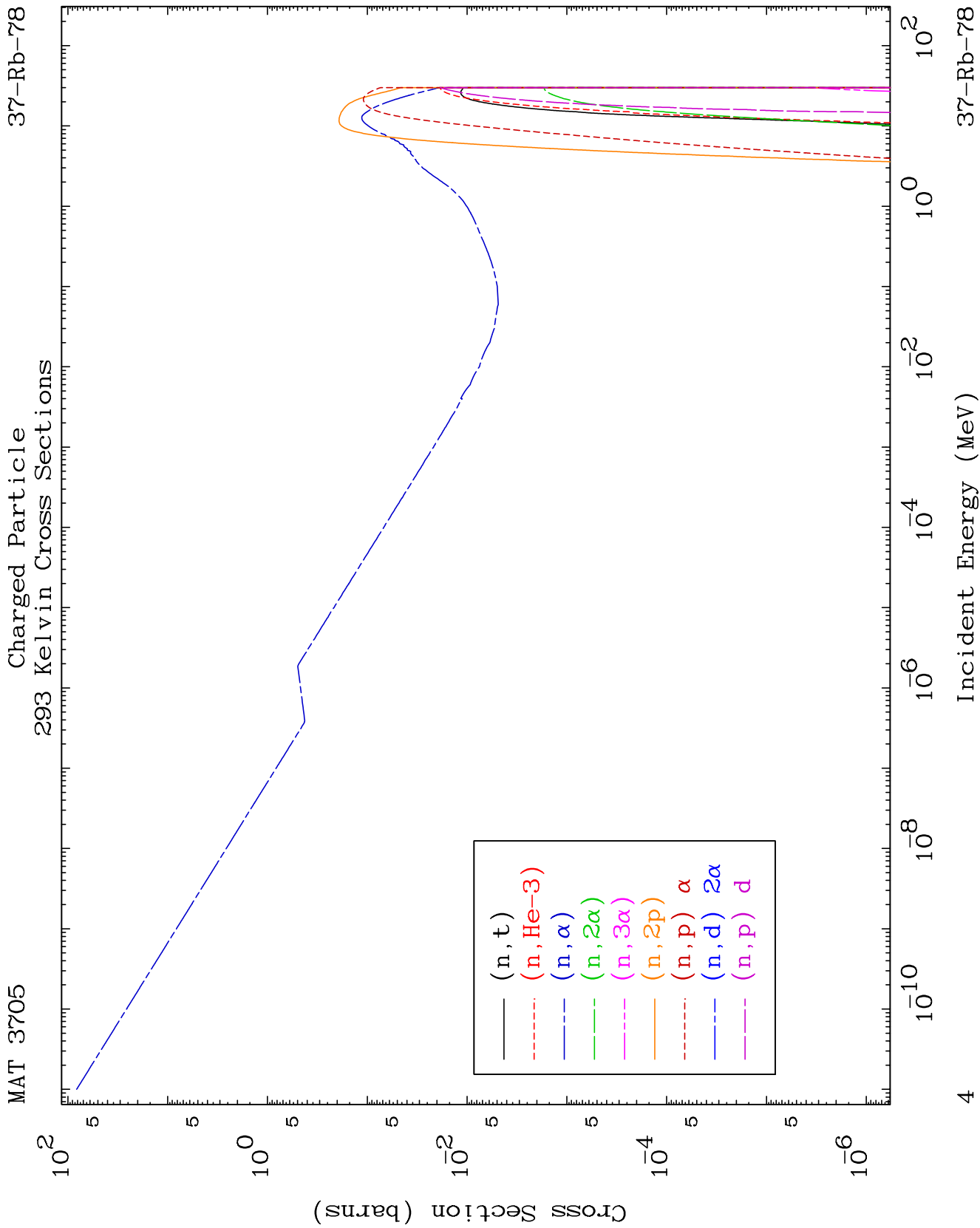
37-Rb-78

MAT 3705

Charged Particle
293 Kelvin Cross Sections

37-Rb-78



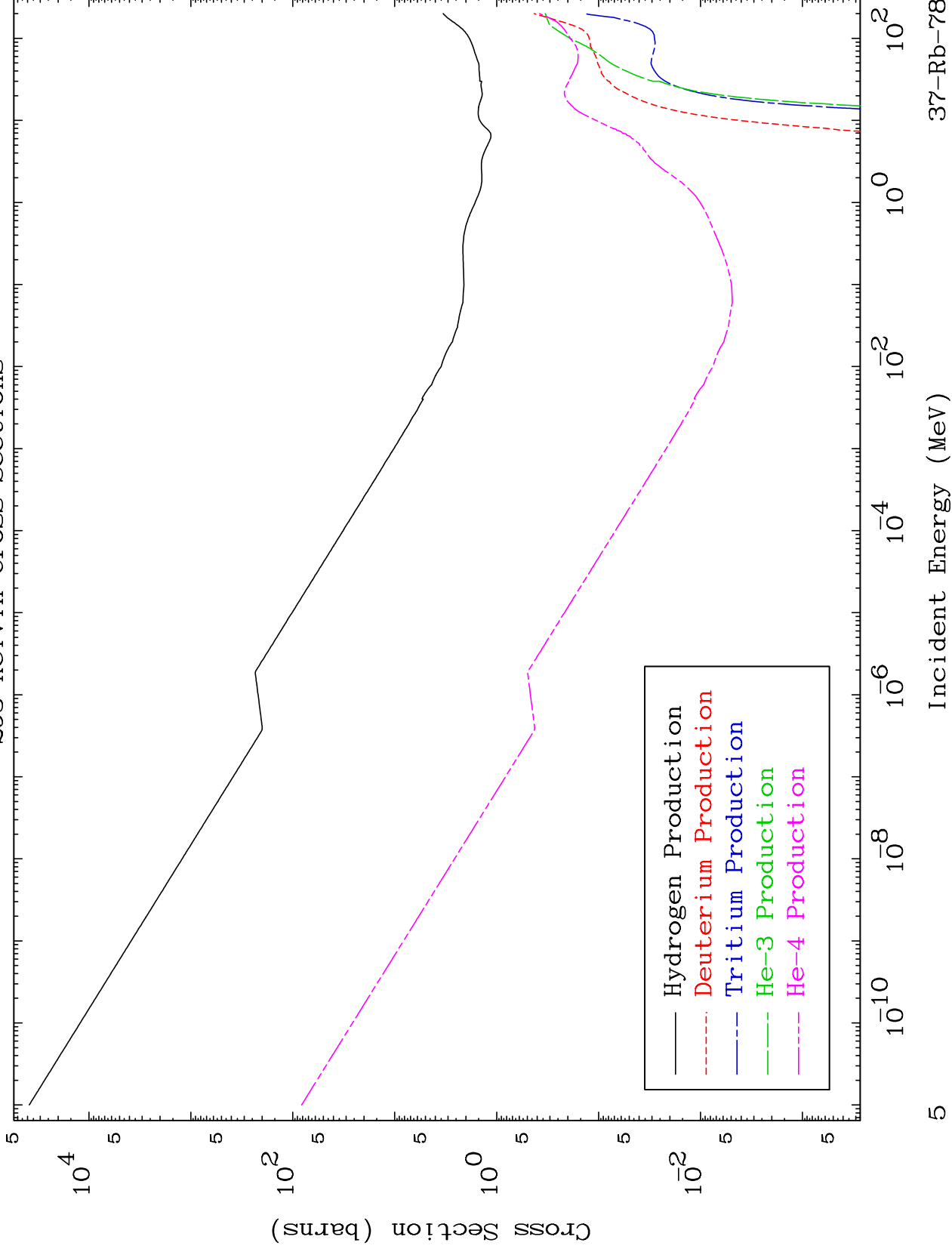


MAT 3705

MAT 3705

Particle Production
293 Kelvin Cross Sections

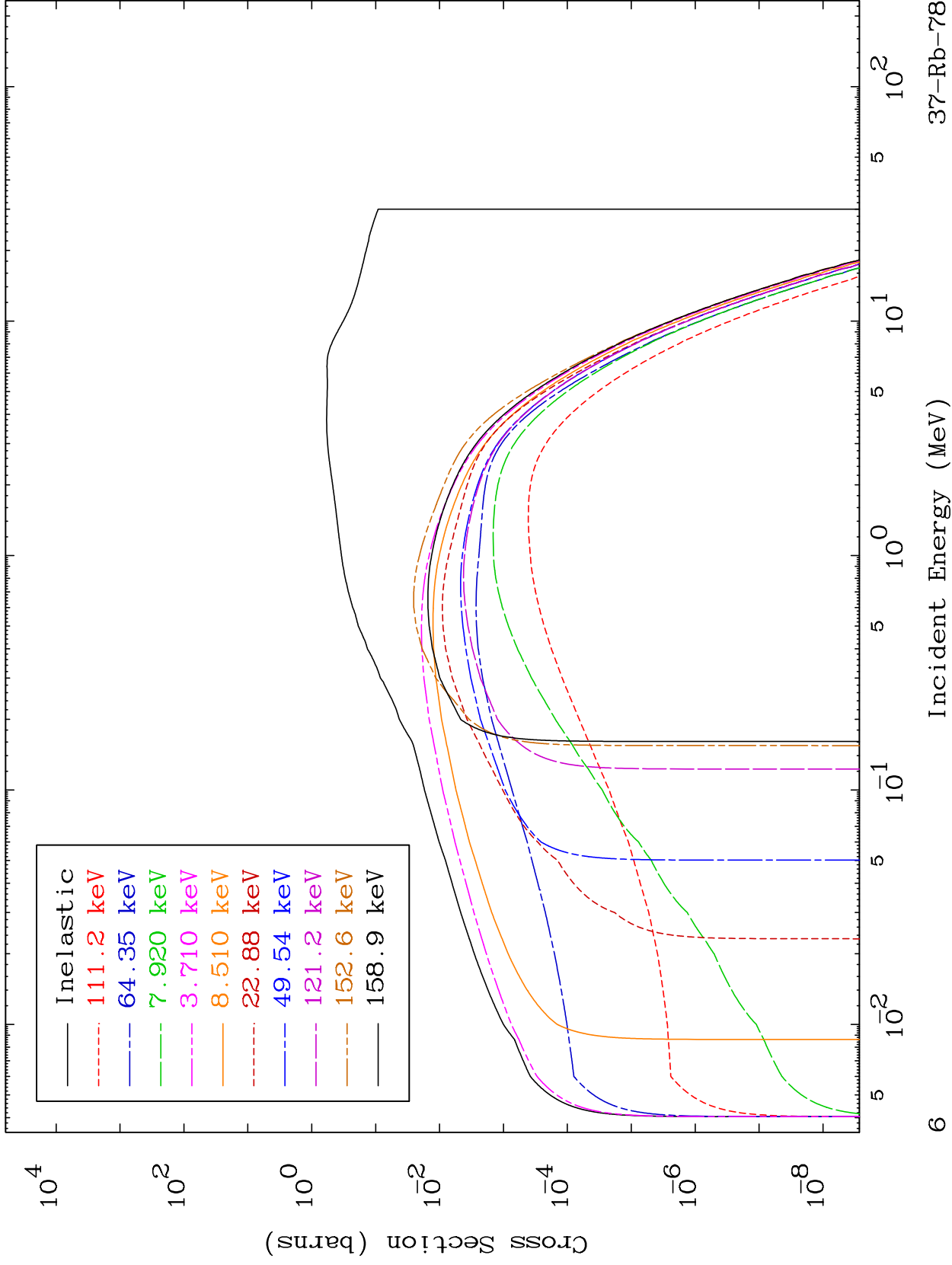
37-Rb-78



MAT 3705

(n,n') Level
293 Kelvin Cross Sections

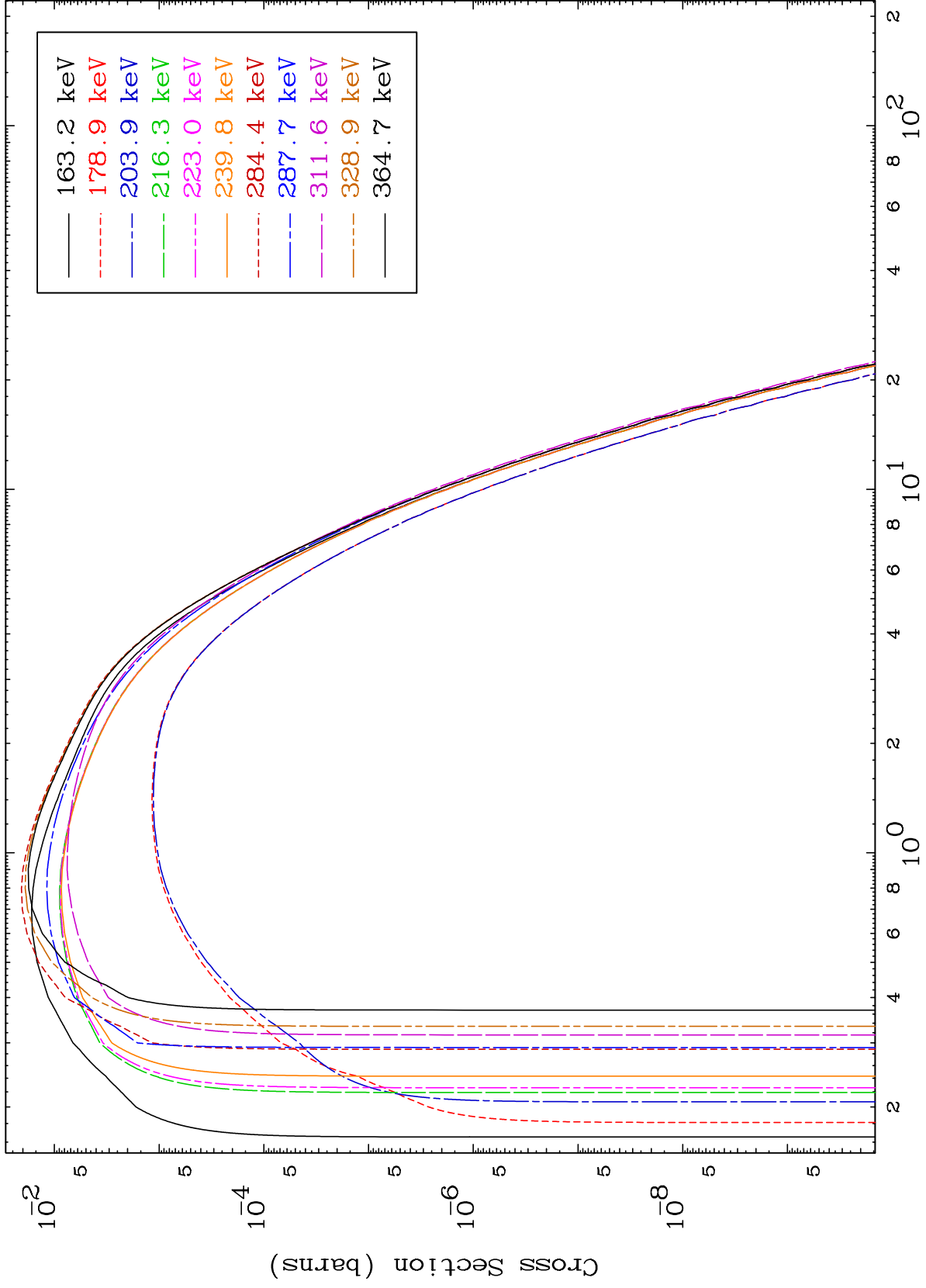
37-Rb-78



MAT 3705

(n,n') Level
293 Kelvin Cross Sections

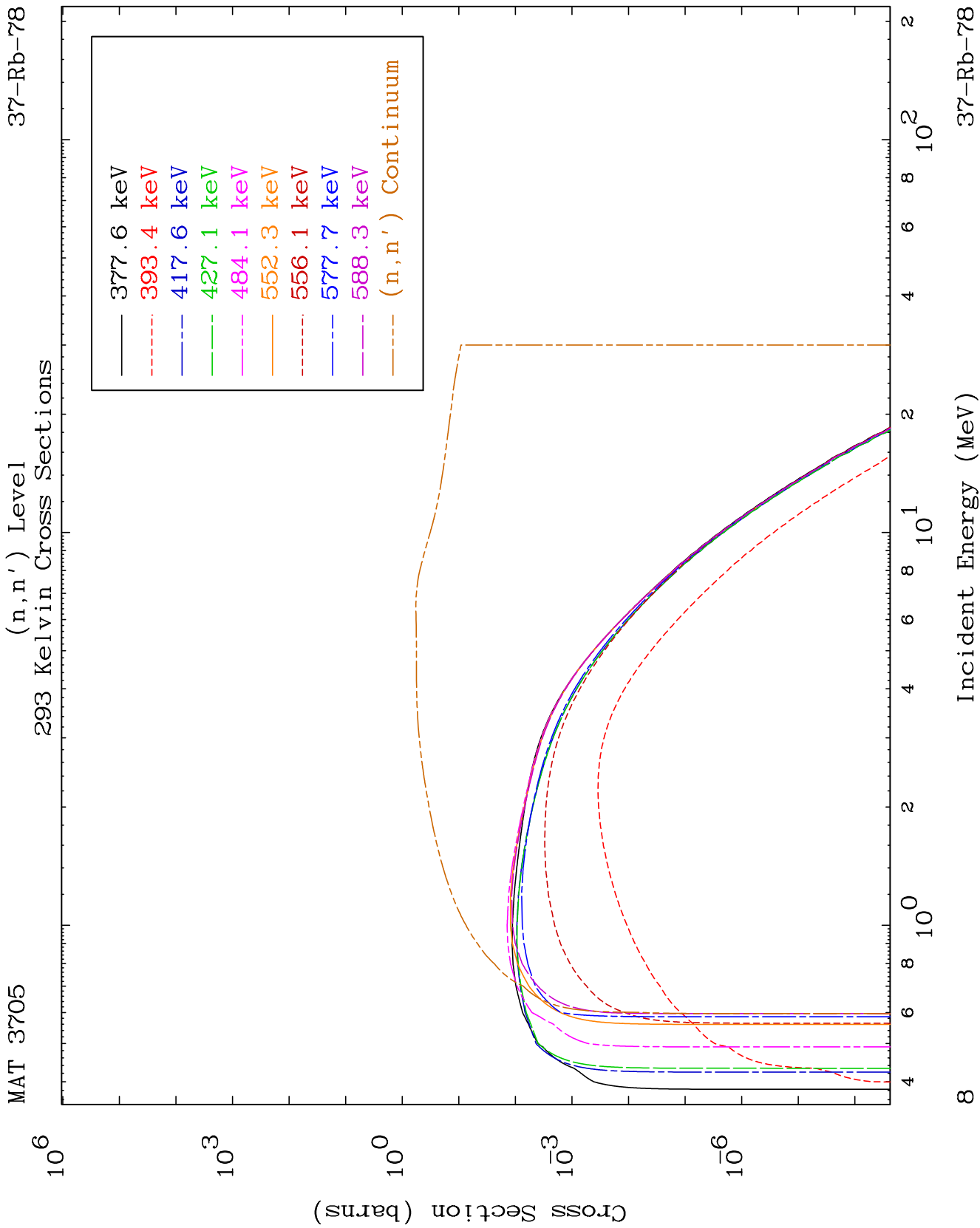
37-Rb-78



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Incident Energy (MeV)

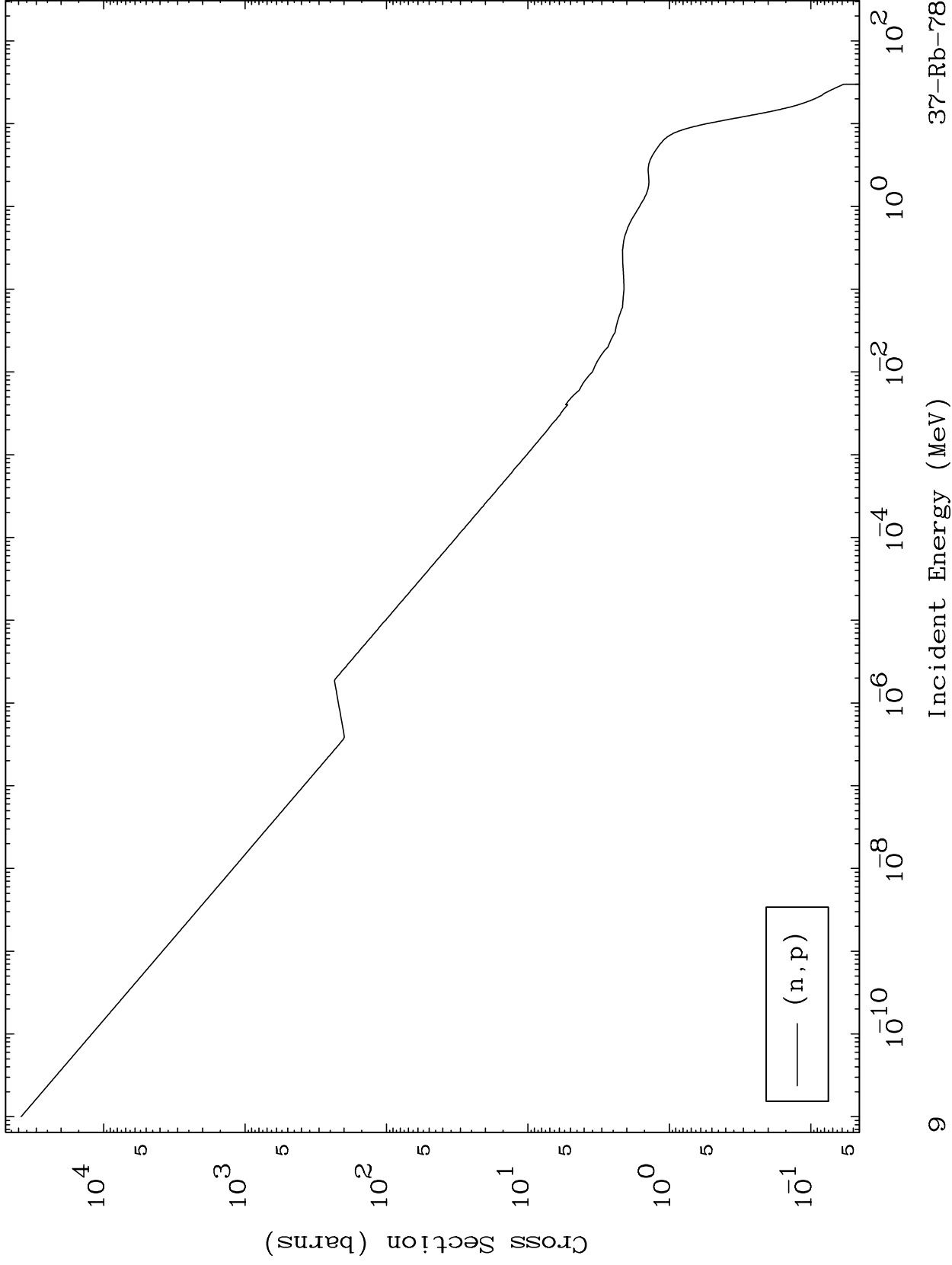
37-Rb-78



MAT 3705

(n,p) Levels
293 Kelvin Cross Sections

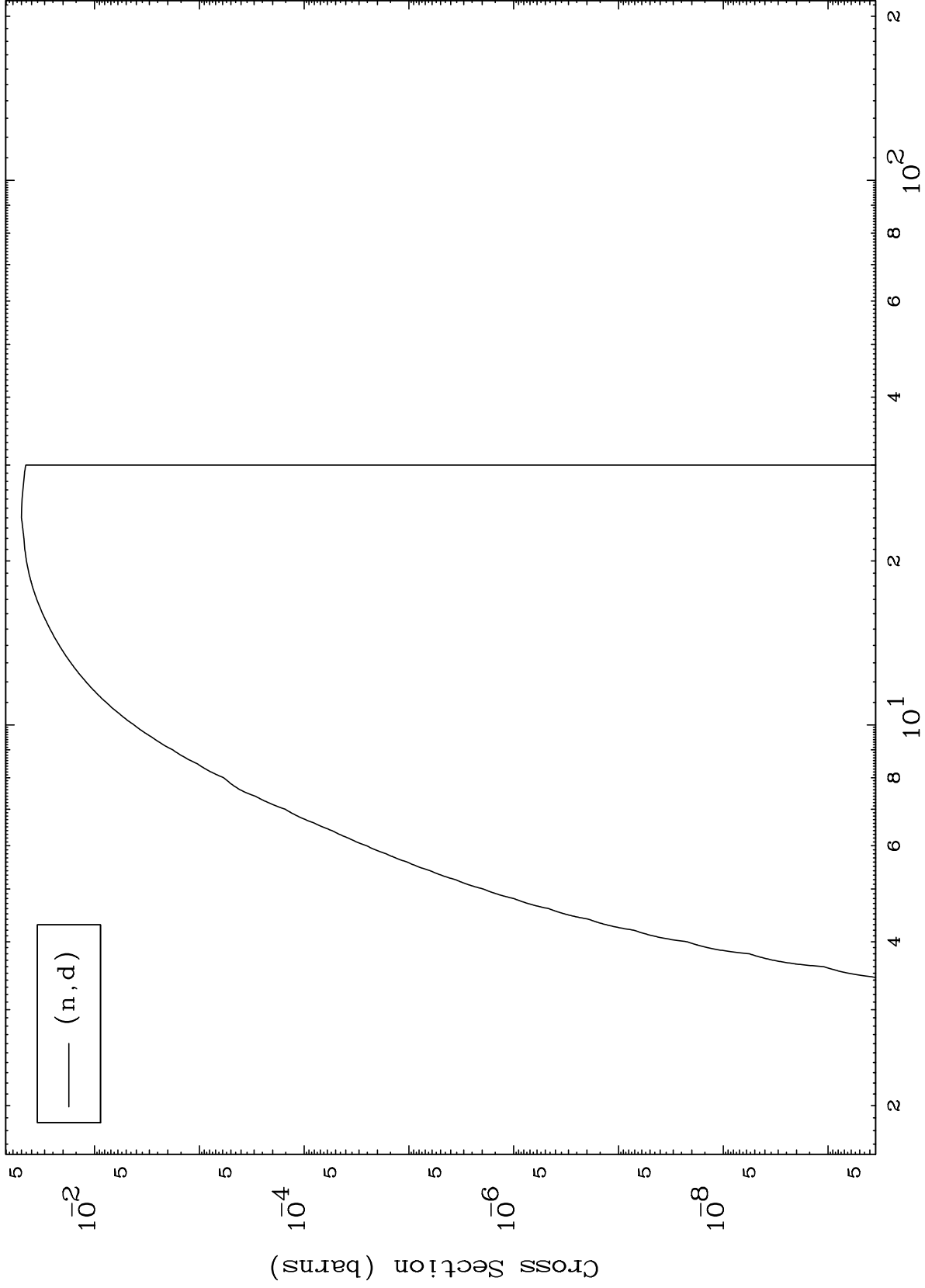
37-Rb-78



MAT 3705

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-78



(n,d)

37-Rb-78

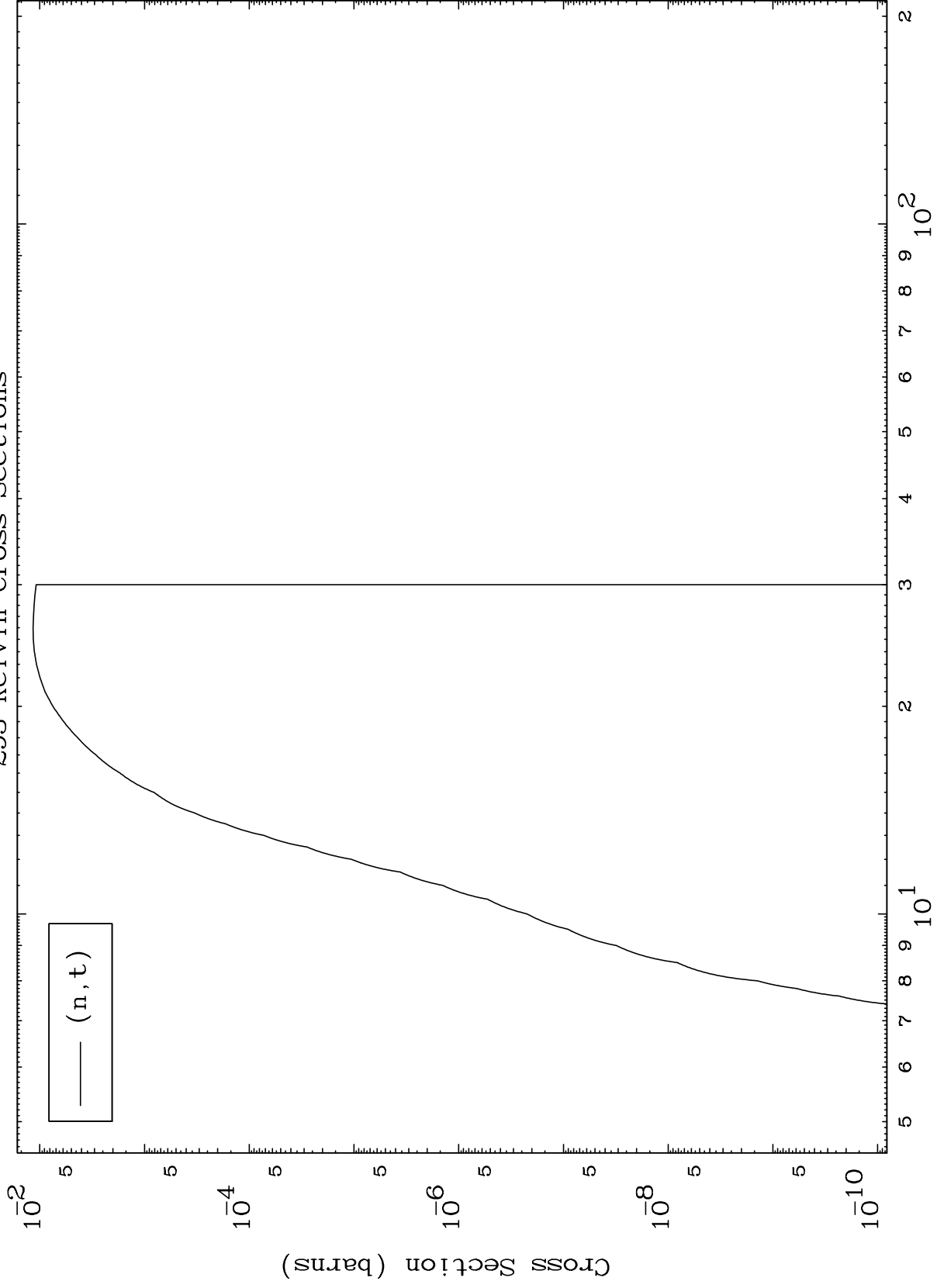
Incident Energy (MeV)

10

MAT 3705

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-78



11

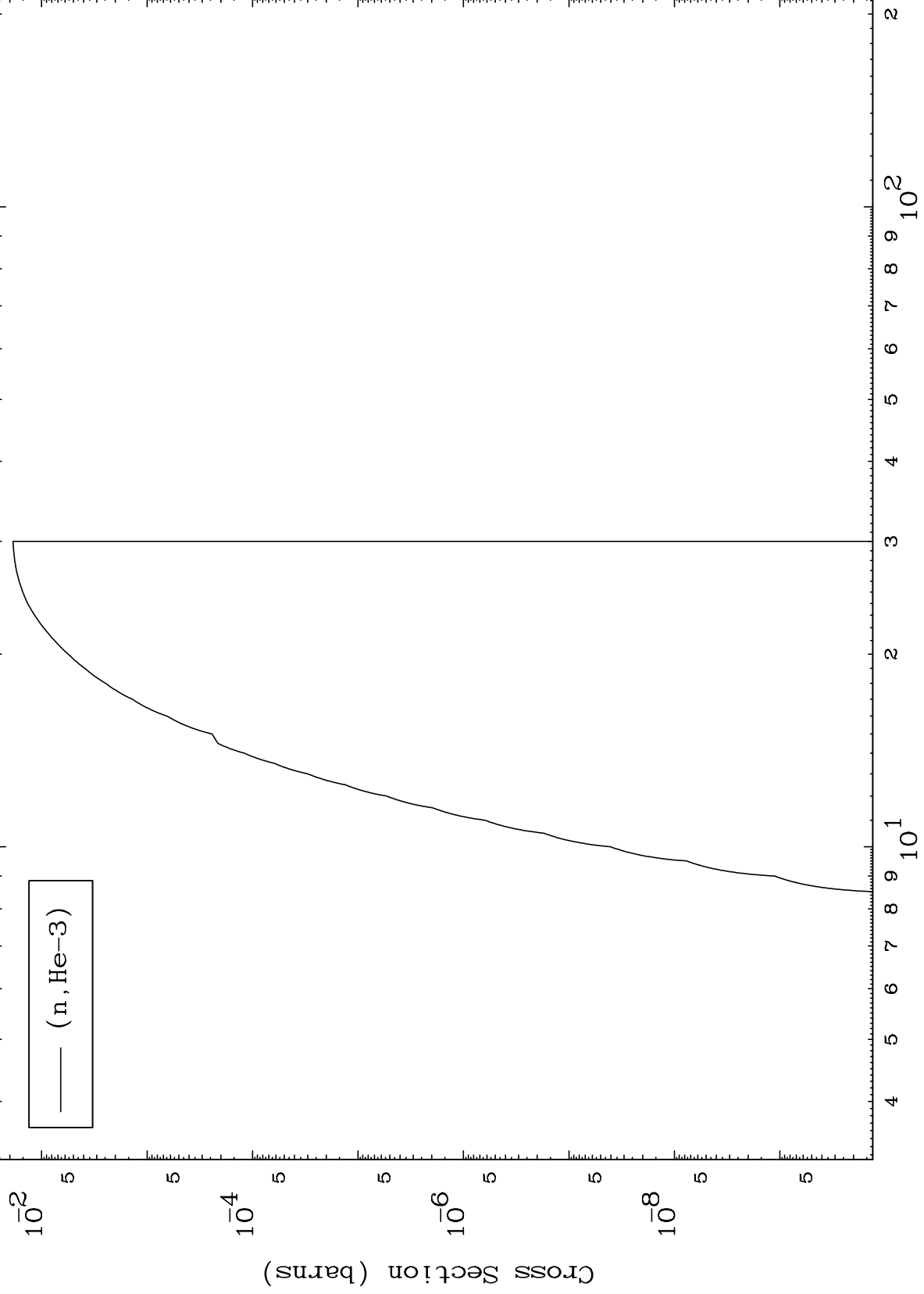
Incident Energy (MeV)

37-Rb-78

MAT 3705

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-78



12

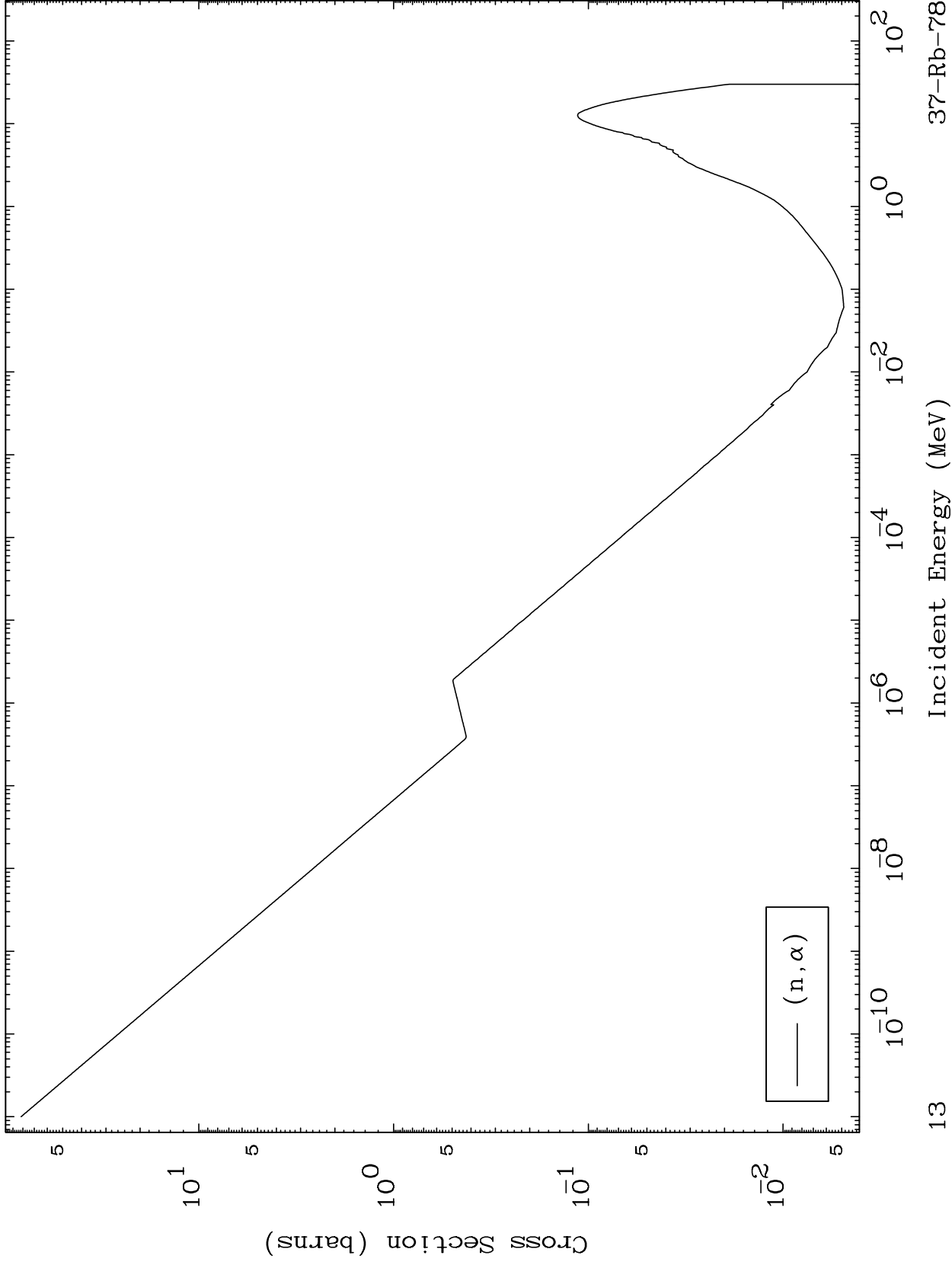
Incident Energy (MeV)

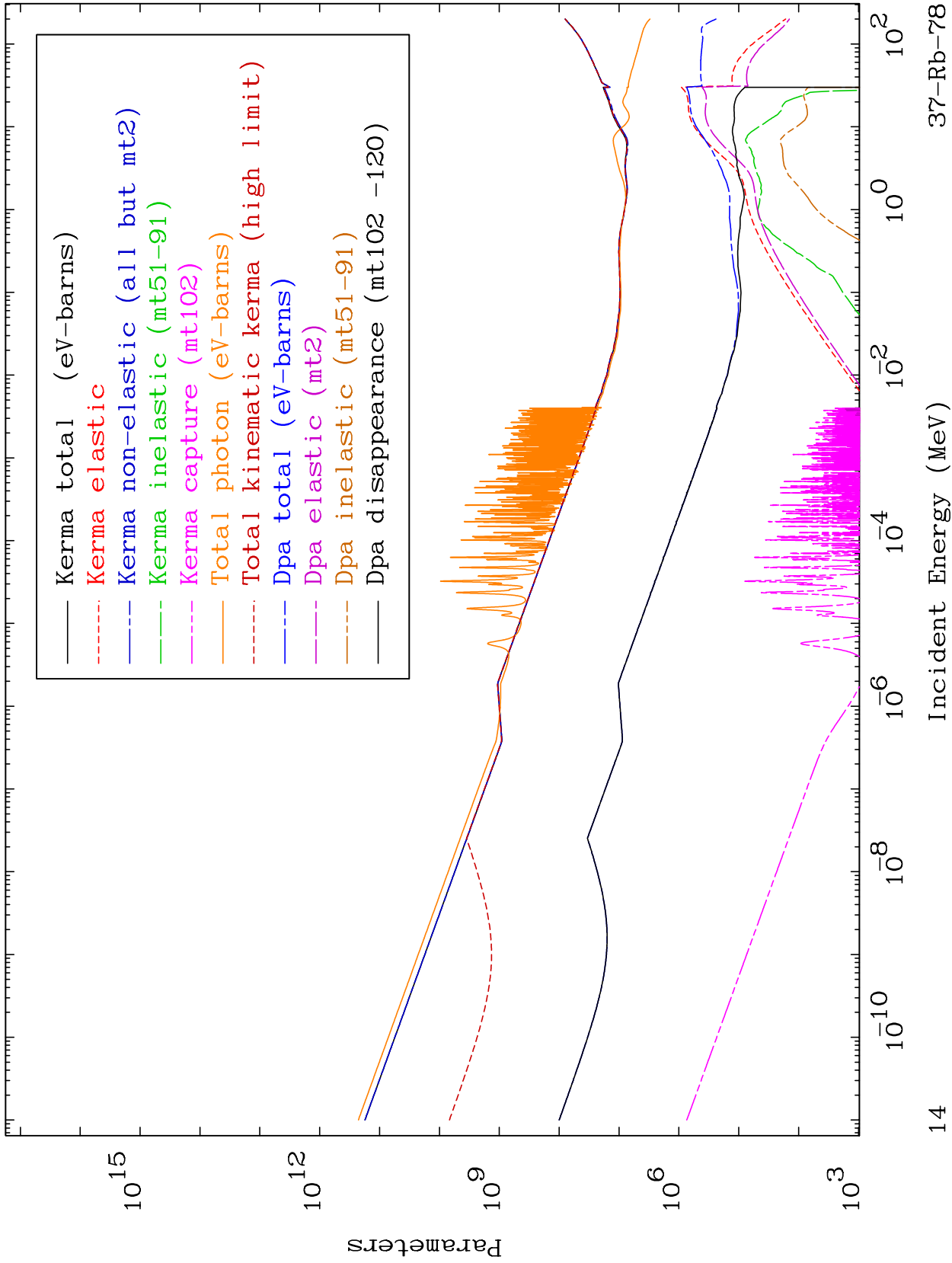
37-Rb-78

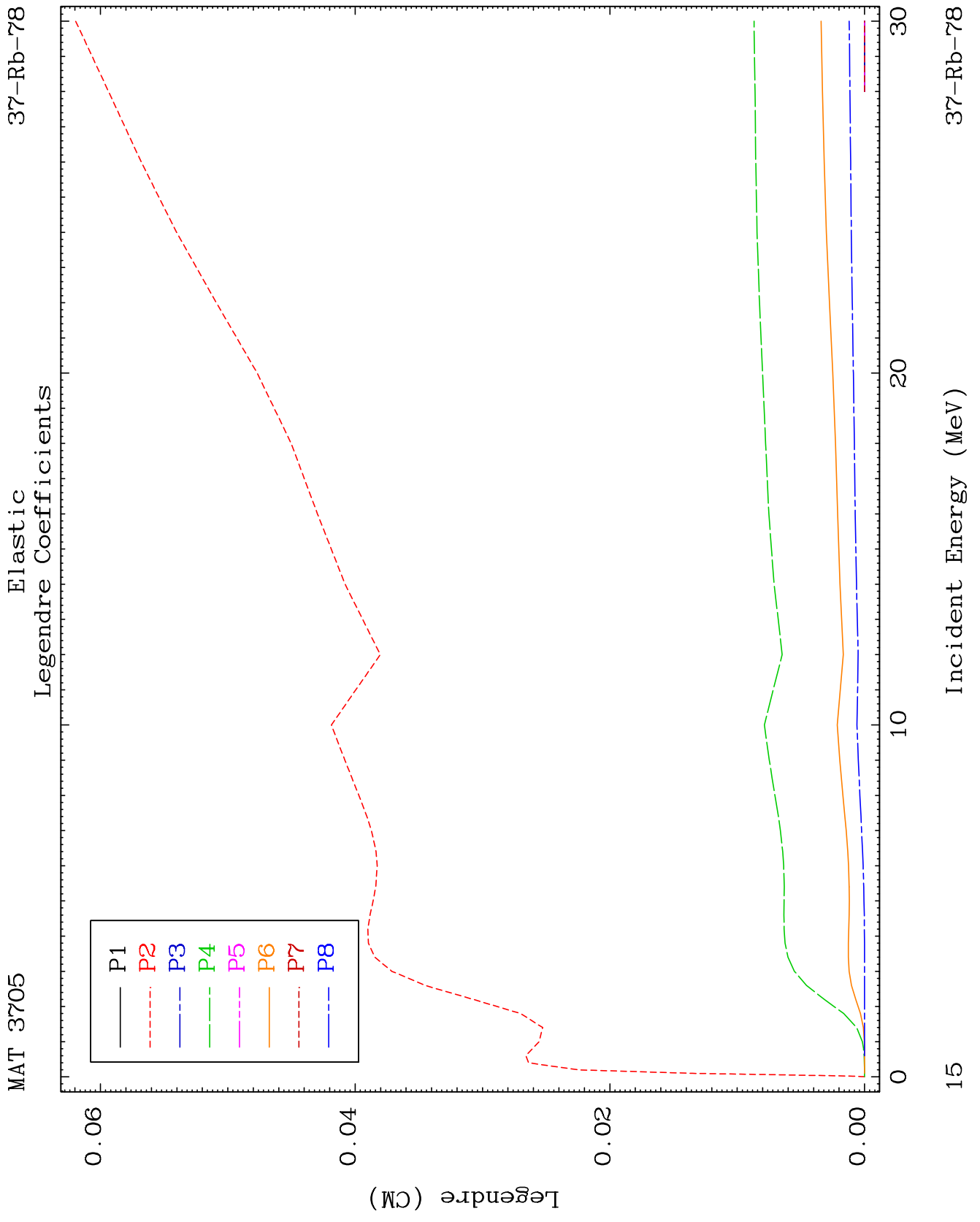
MAT 3705

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-78



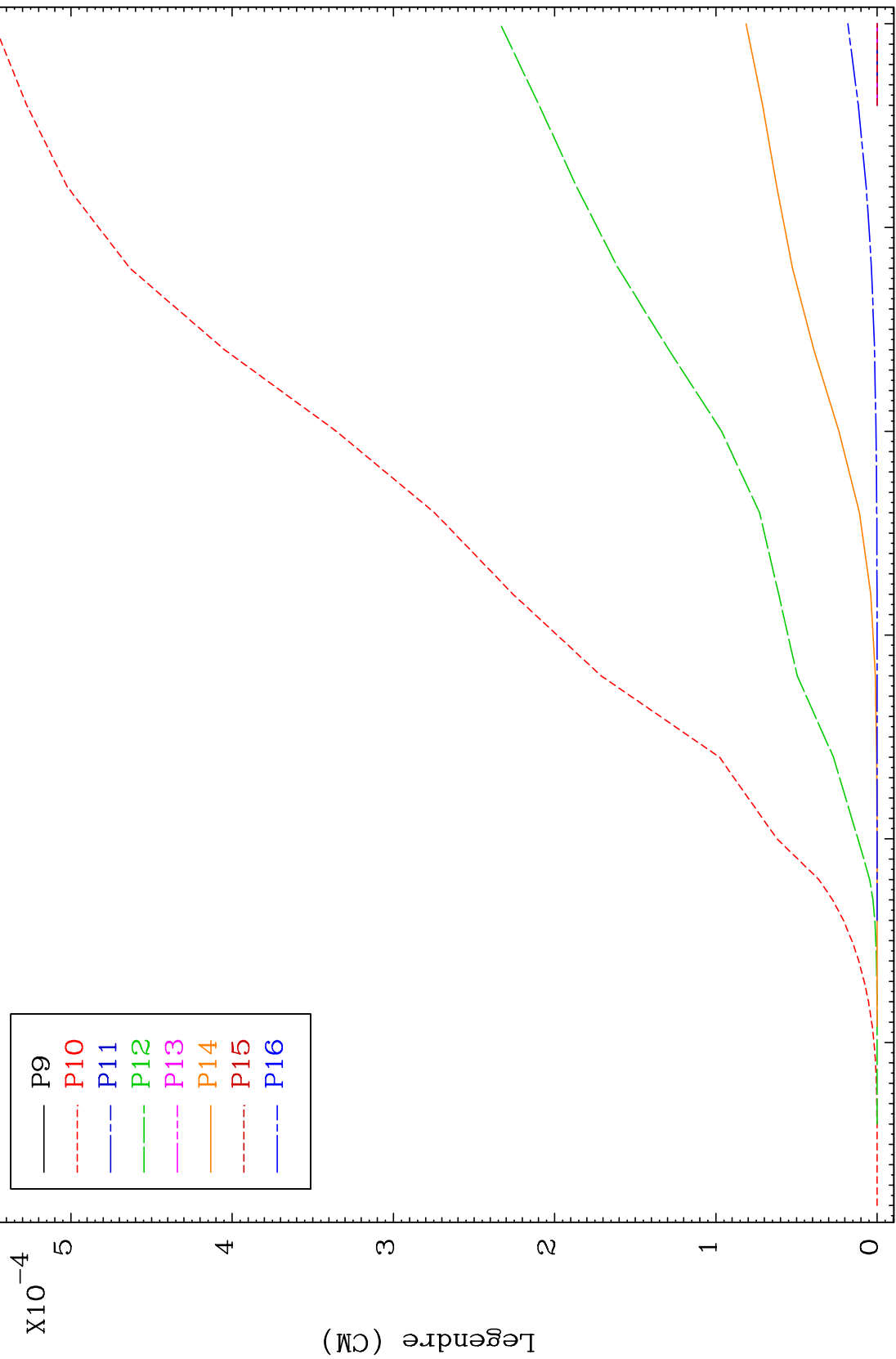
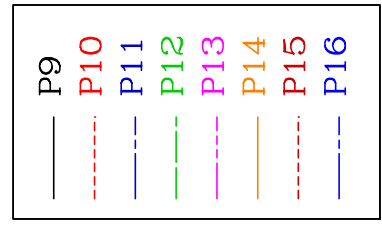




MAT 3705

Elastic Legendre Coefficients

37-Rb-78



16

Incident Energy (MeV)

37-Rb-78

MAT 3705

Elastic Legendre Coefficients

37-Rb-78



17

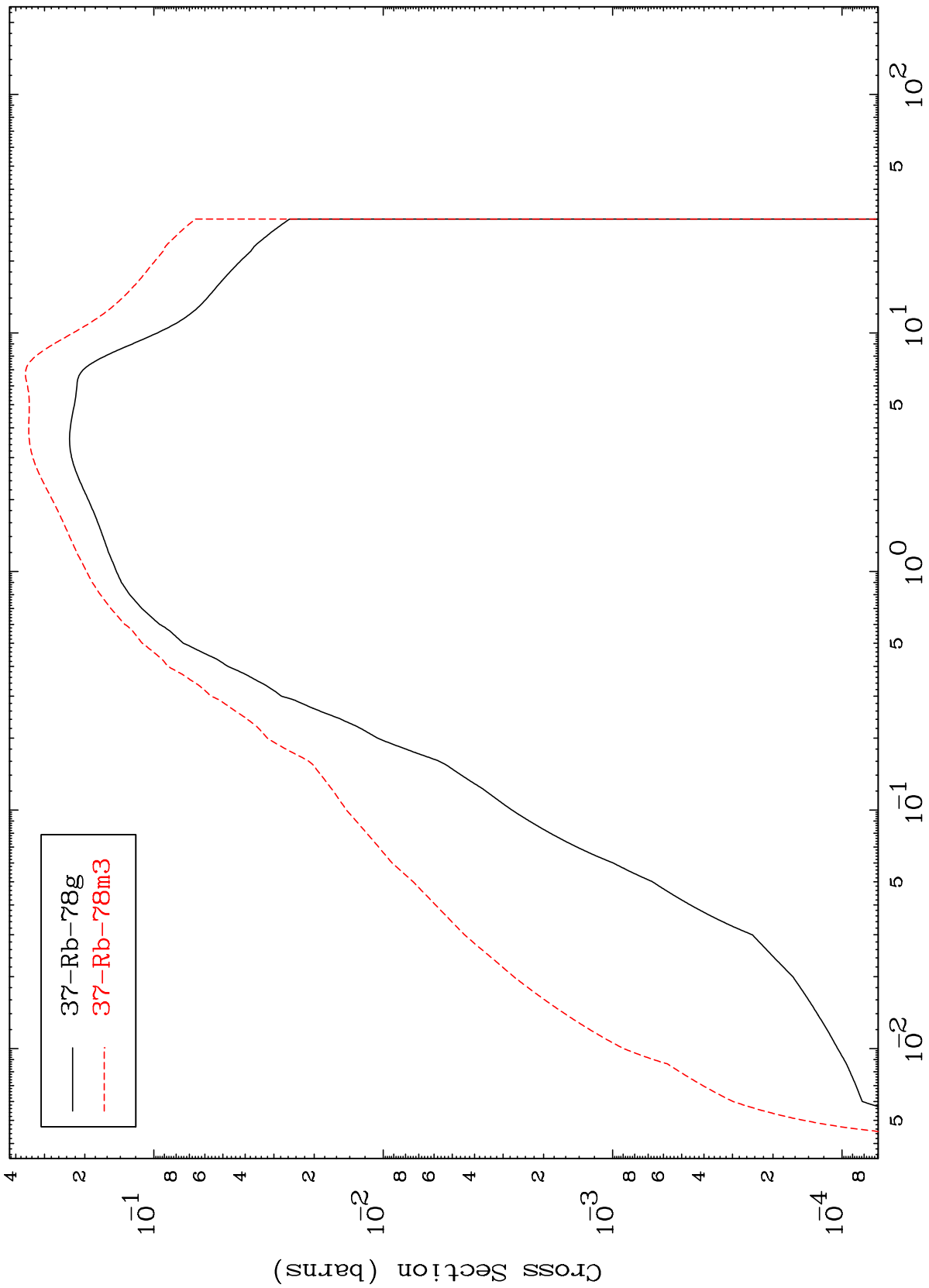
37-Rb-78

Incident Energy (MeV)

MAT 3705

37-Rb-78

Inelastic
Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

37-Rb-78

Incident Energy (MeV)

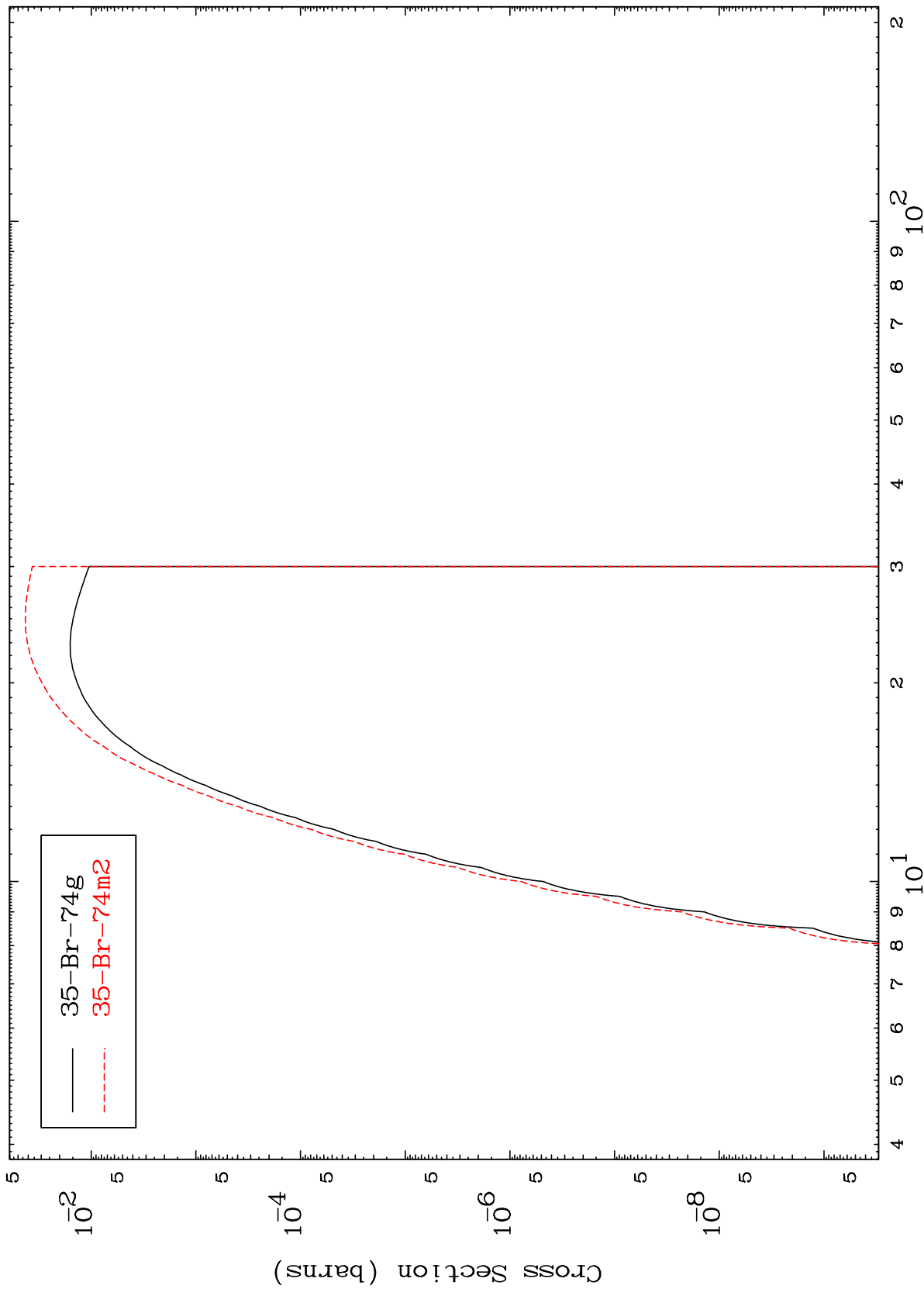
18

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$(n, n') \alpha$

37-Rb-78

Radionuclide Production Cross Section

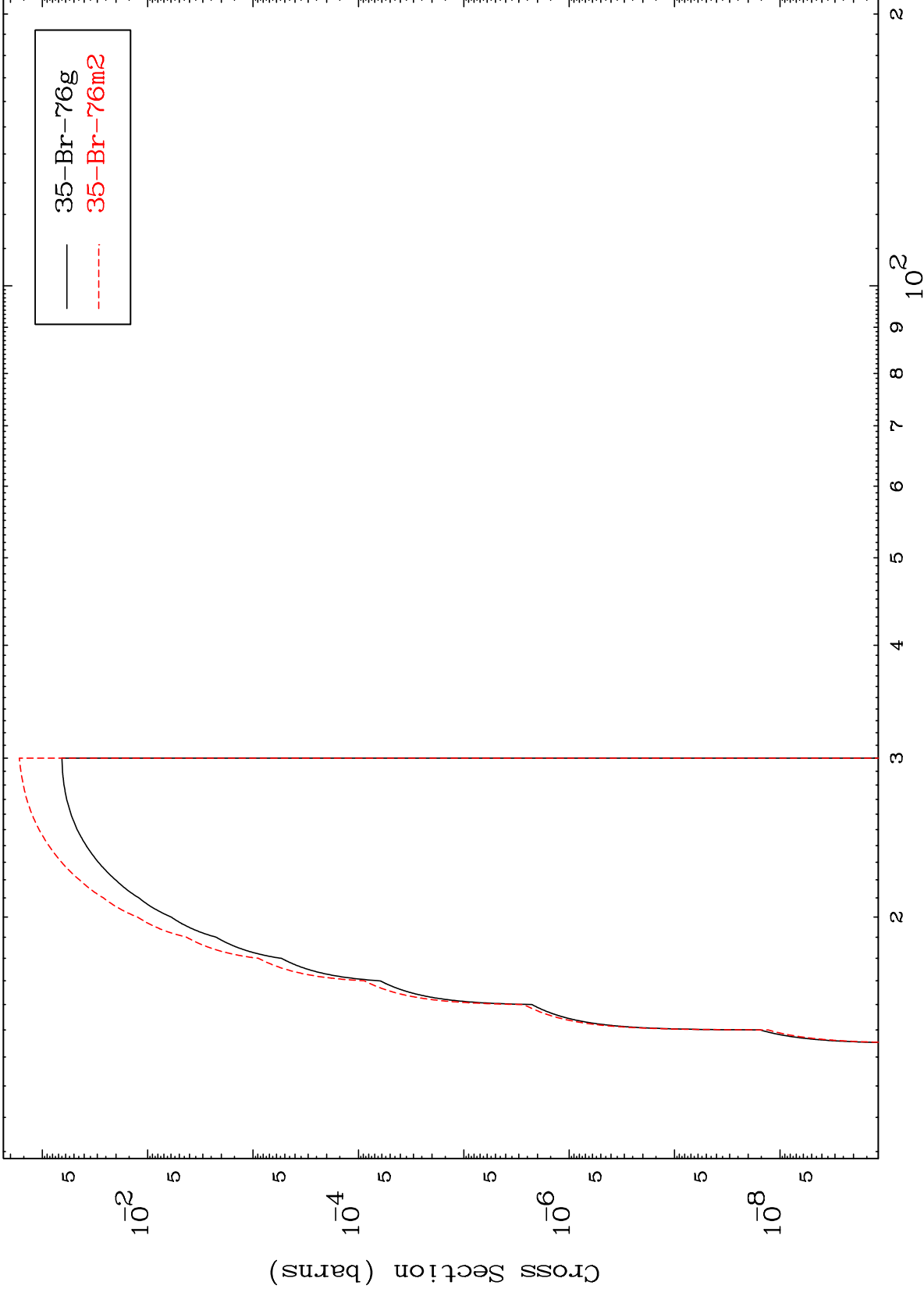


19

Incident Energy (MeV)

37-Rb-78

Radionuclide Production Cross Section

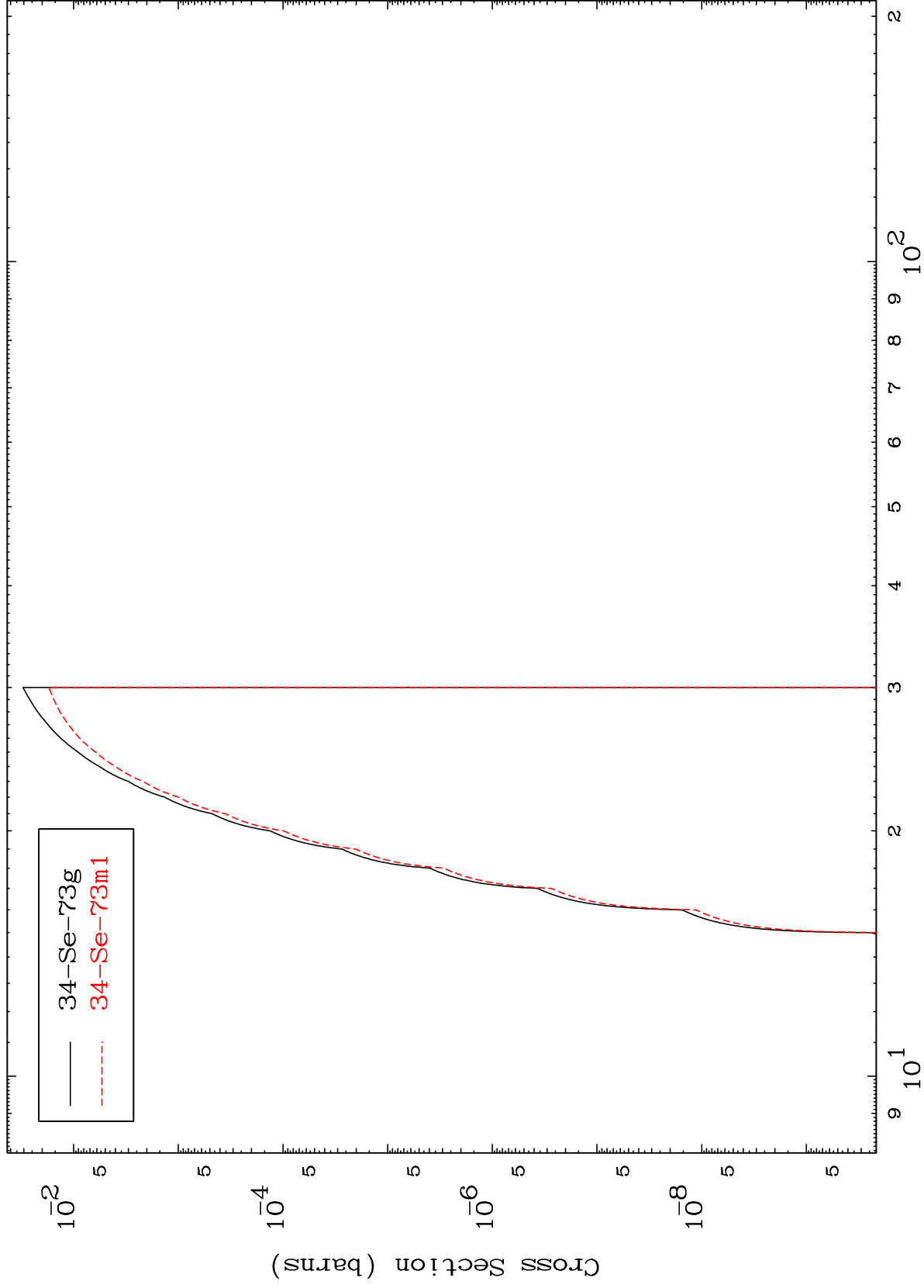


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(n,n') p α

37-Rb-78

Radionuclide Production Cross Section



21

Incident Energy (MeV)

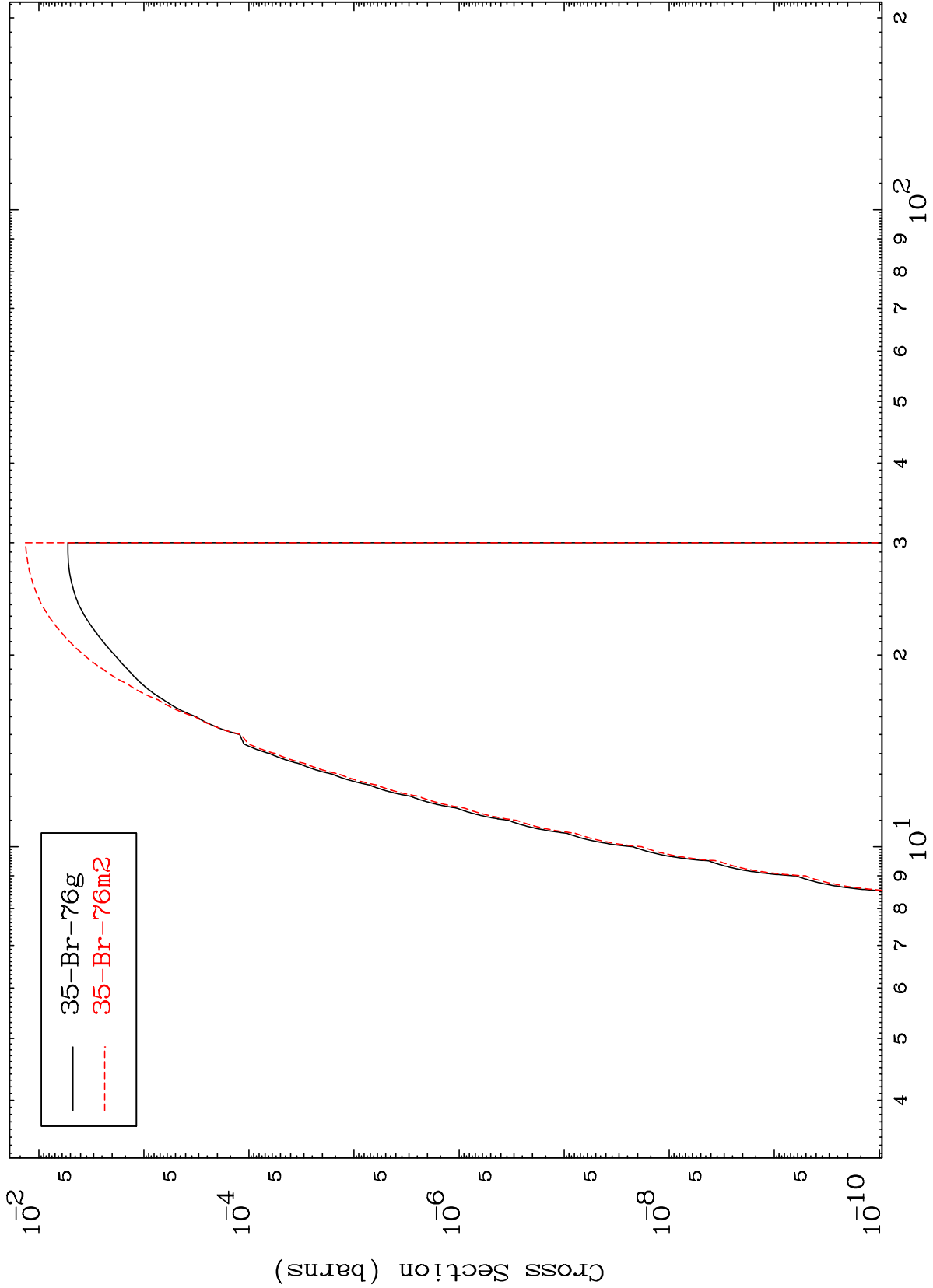
37-Rb-78

MAT 3705

(n,He-3)

37-Rb-78

Radionuclide Production Cross Section



22

Incident Energy (MeV)

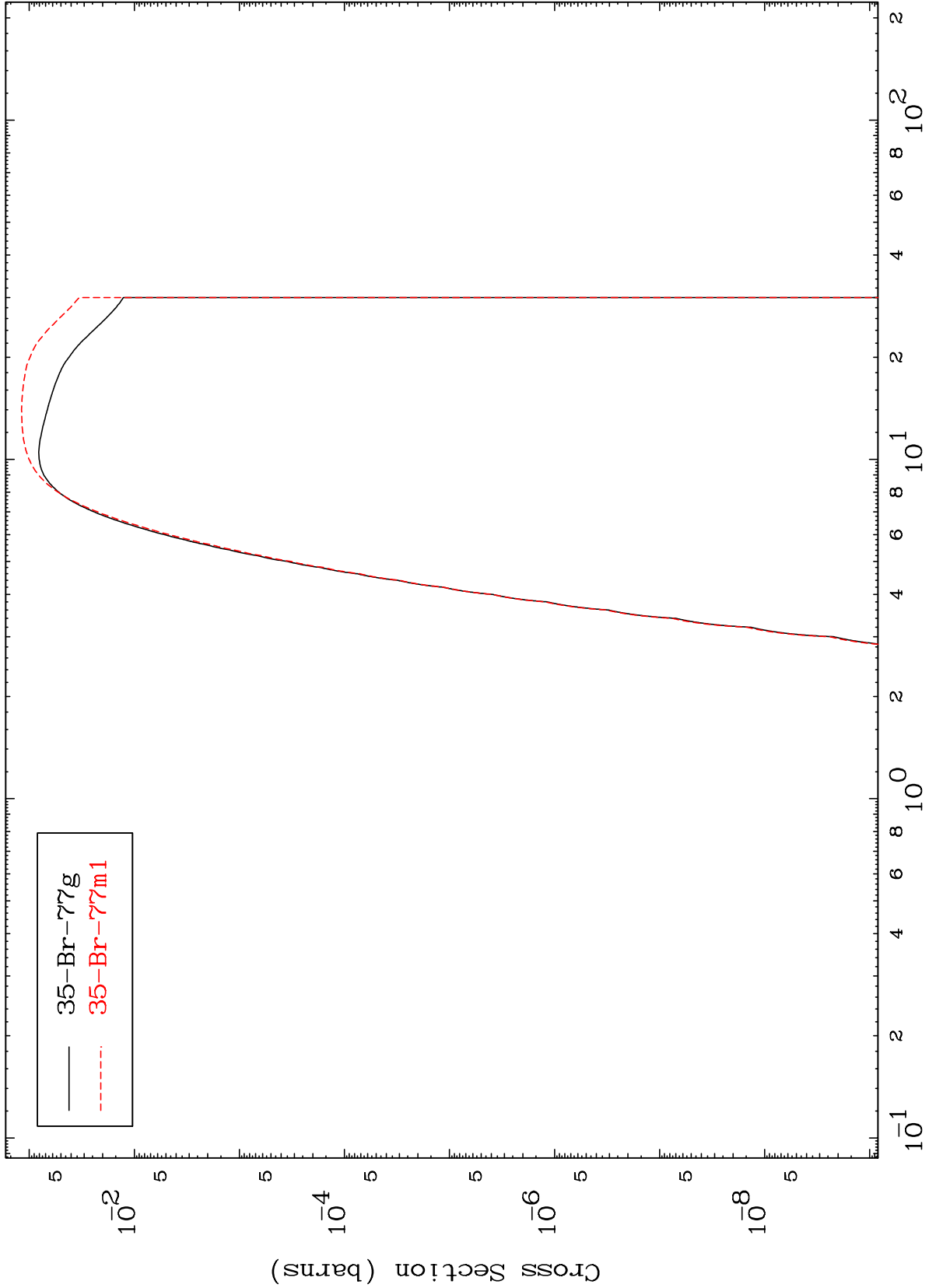
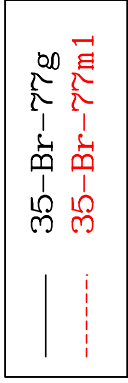
37-Rb-78

MAT 3705

(n,2p)

³⁷Rb-78

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁷Rb-78

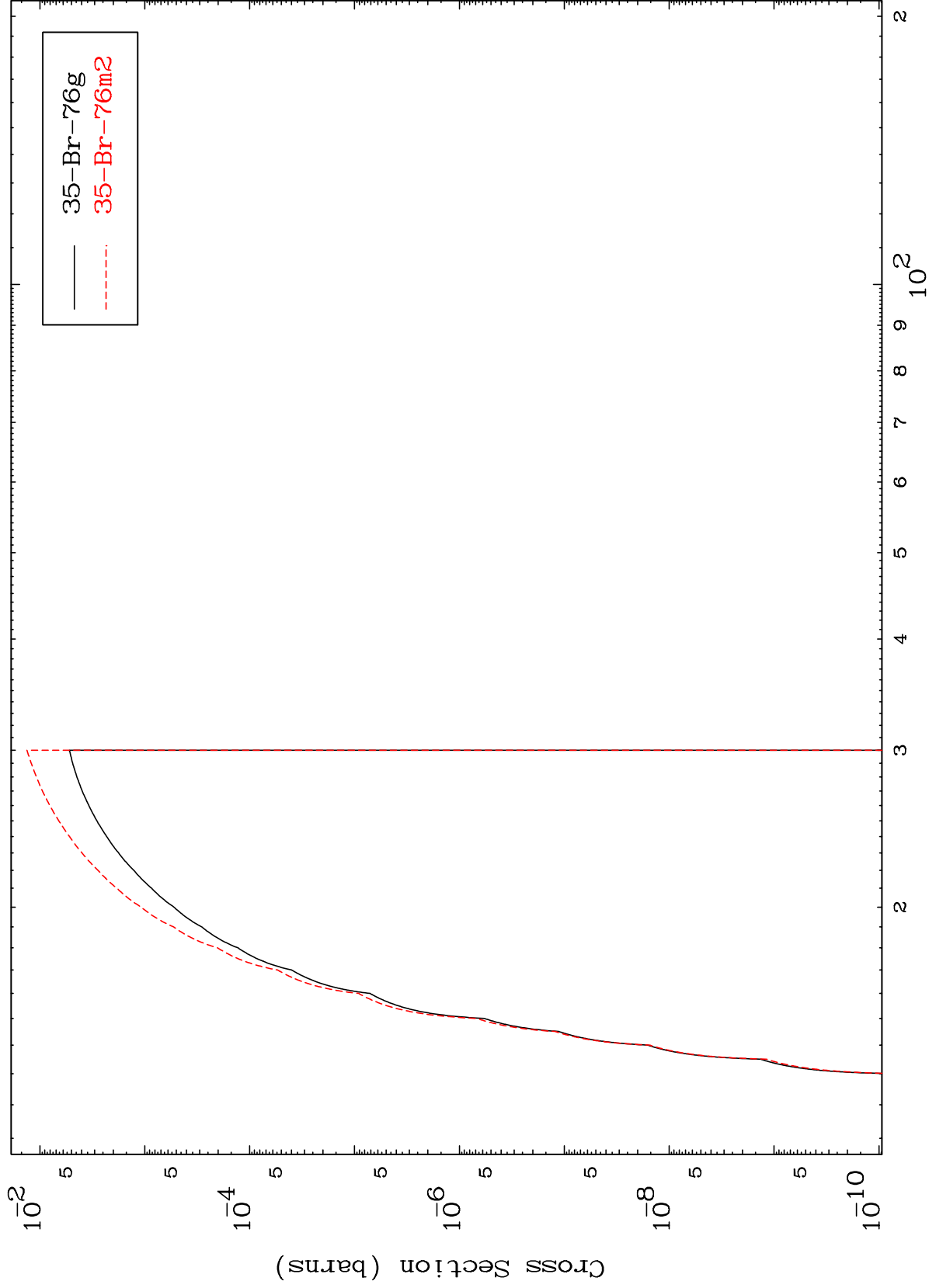
23

MAT 3705

(n,p) d

37-Rb-78

Radionuclide Production Cross Section



24

Incident Energy (MeV)

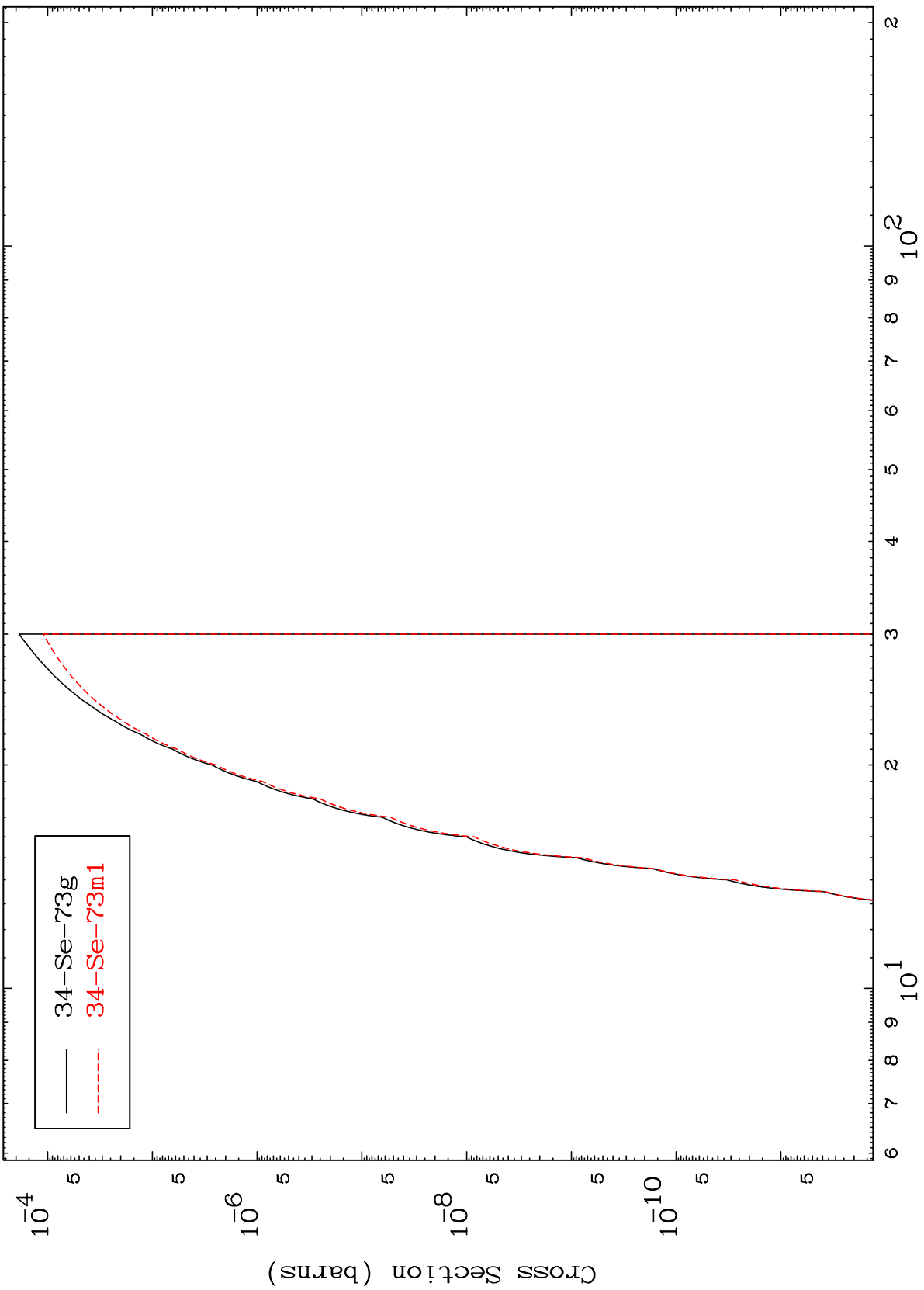
37-Rb-78

MAT 3705

(n,d) α

37-Rb-78

Radionuclide Production Cross Section



— 34-Se-73g
- - - 34-Se-73m1

25

Incident Energy (MeV)

37-Rb-78