

Program EVALPLOT
(Version 2017-1)

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

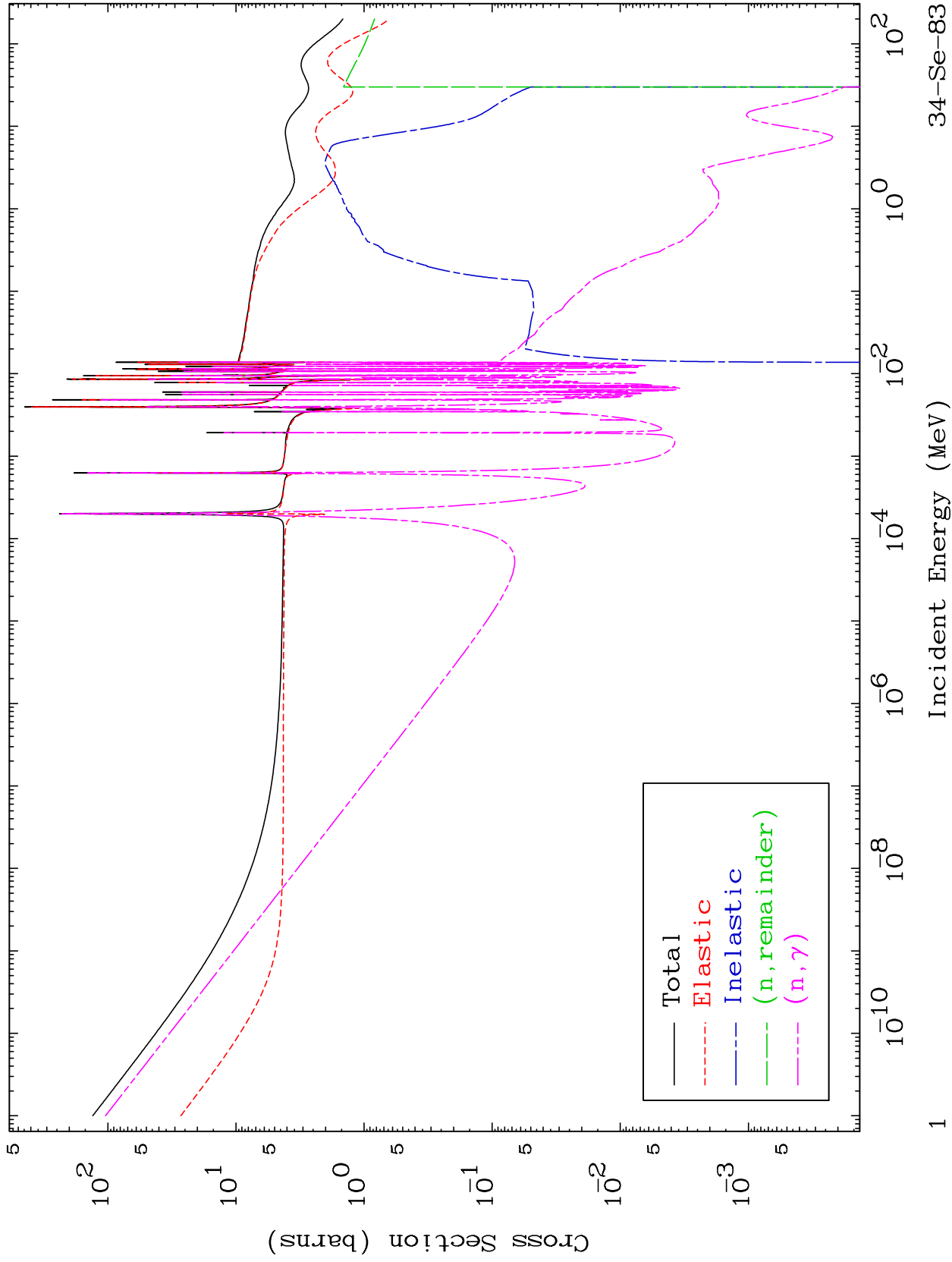
Press Mouse Button to Start

MAT 3453

Major

293 Kelvin Cross Sections

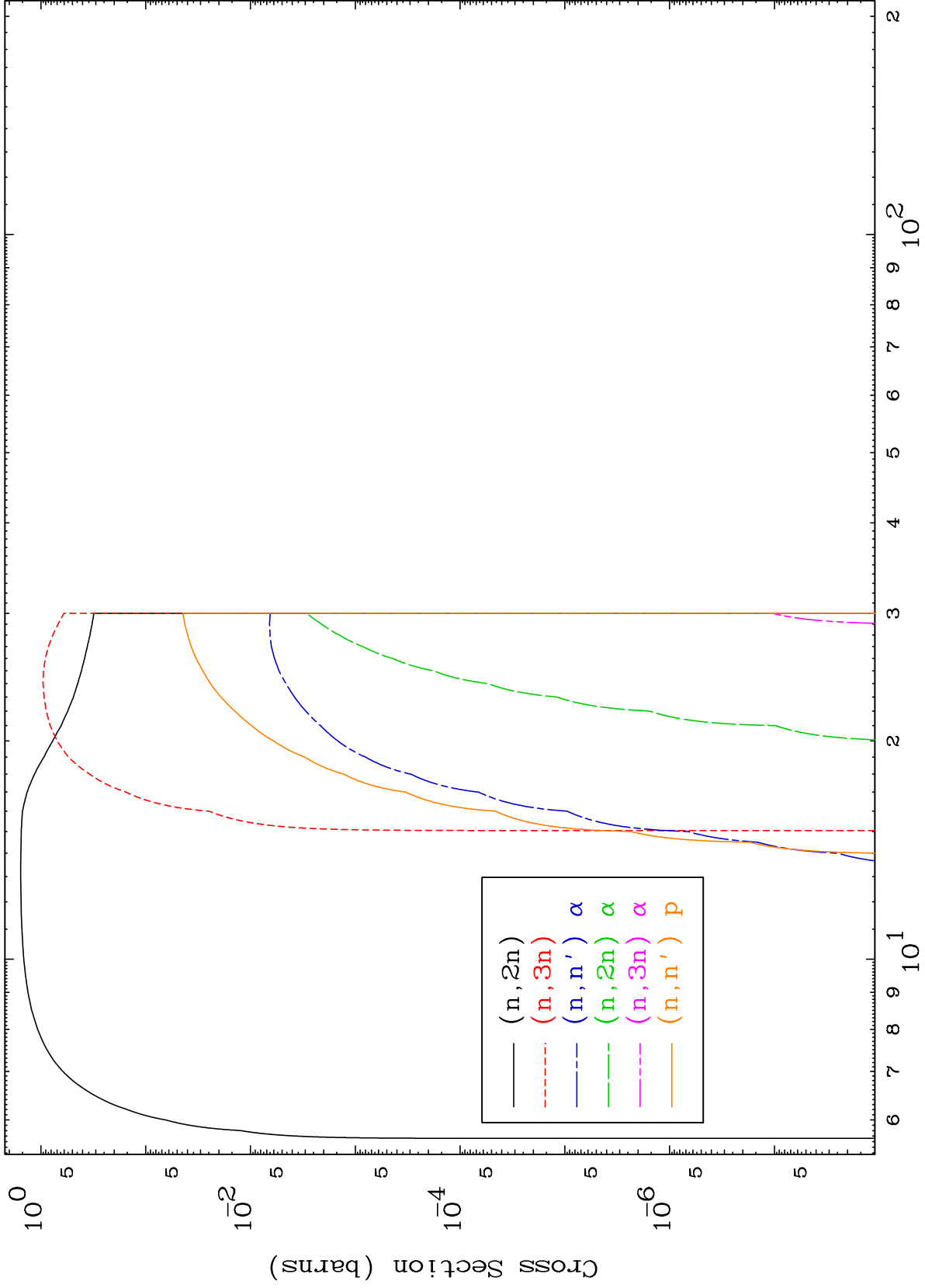
34-Se-83



MAT 3453

Neutron Production
293 Kelvin Cross Sections

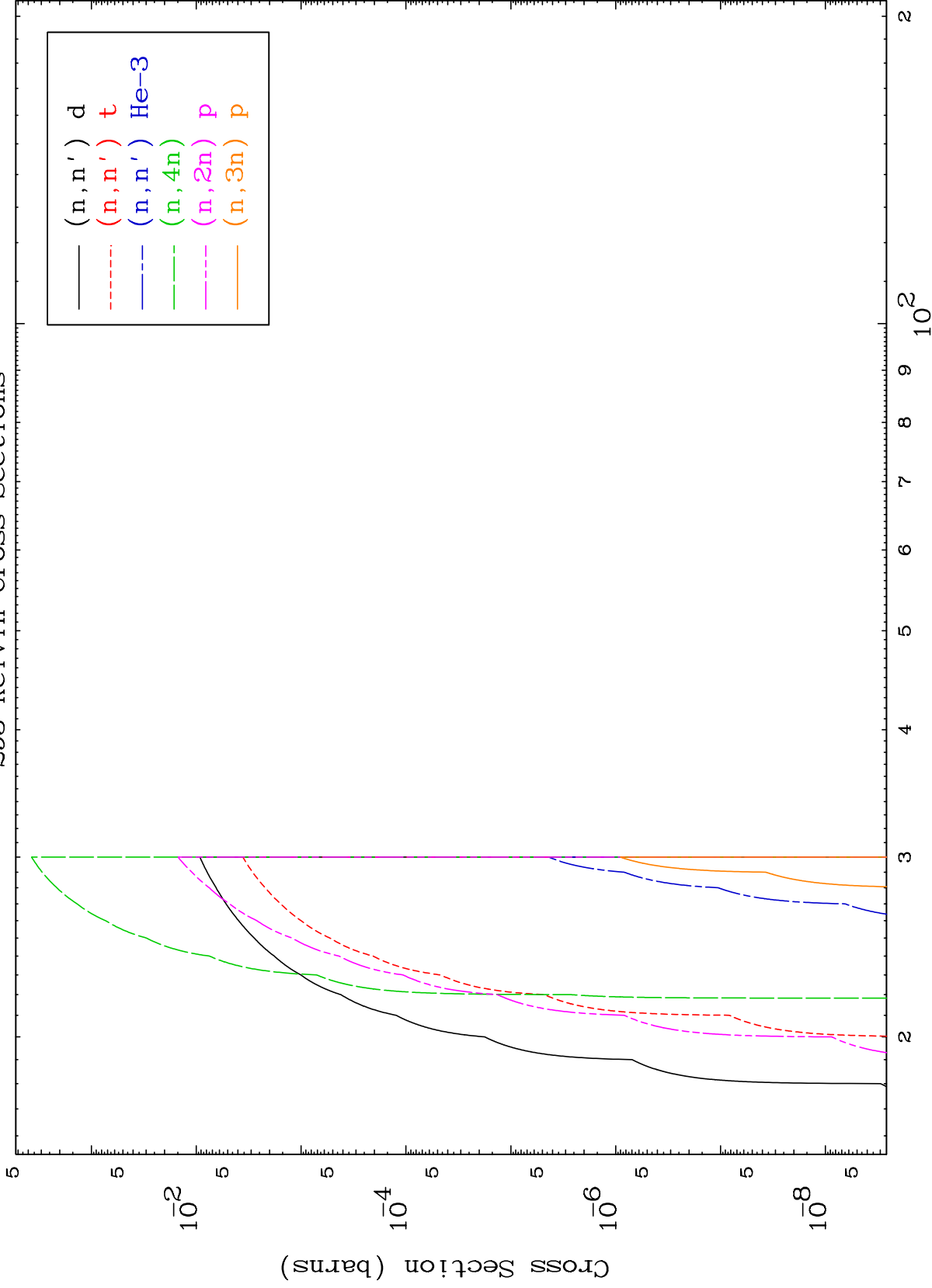
³⁴Se-83

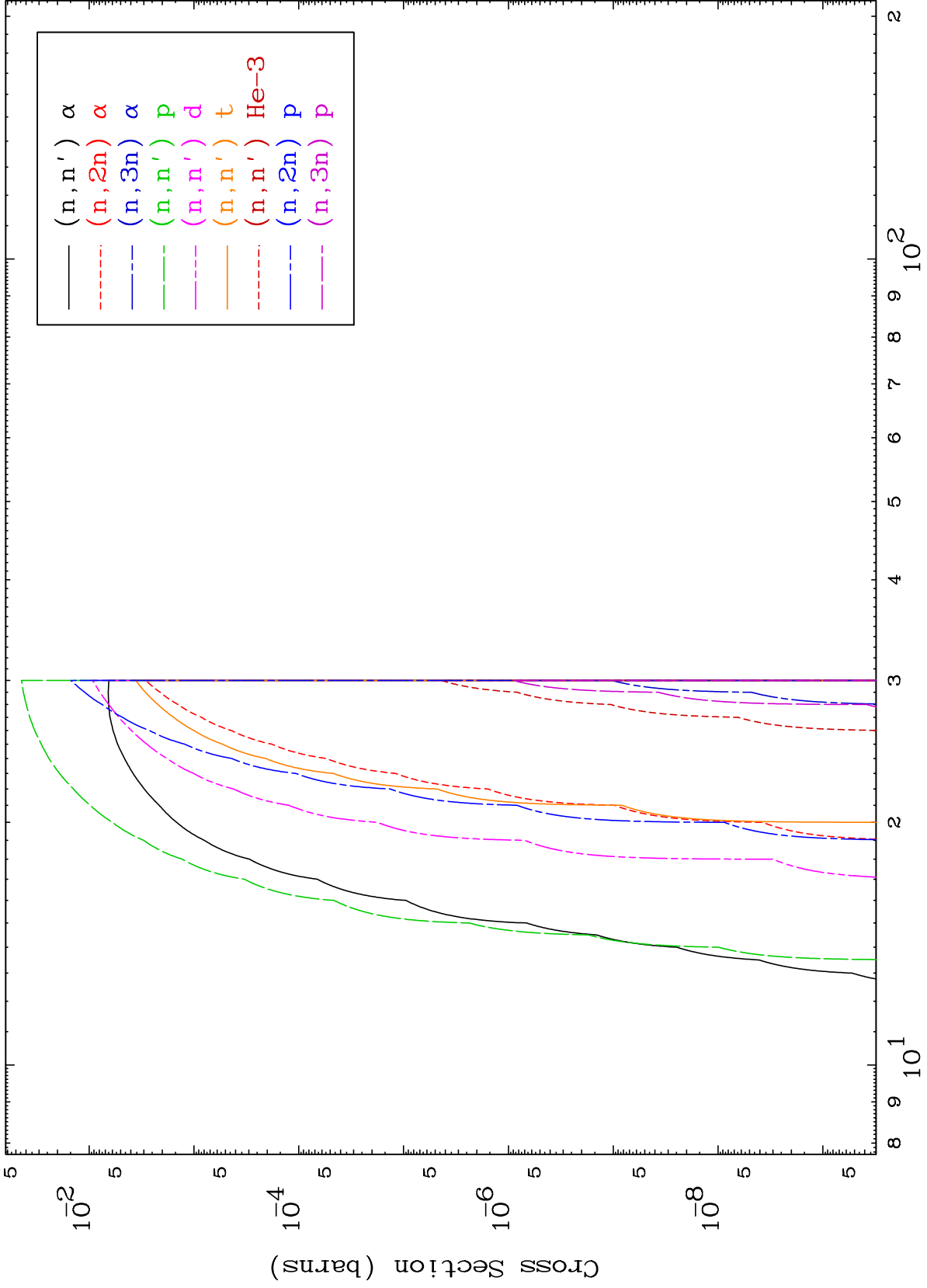


2

Incident Energy (MeV)

³⁴Se-83

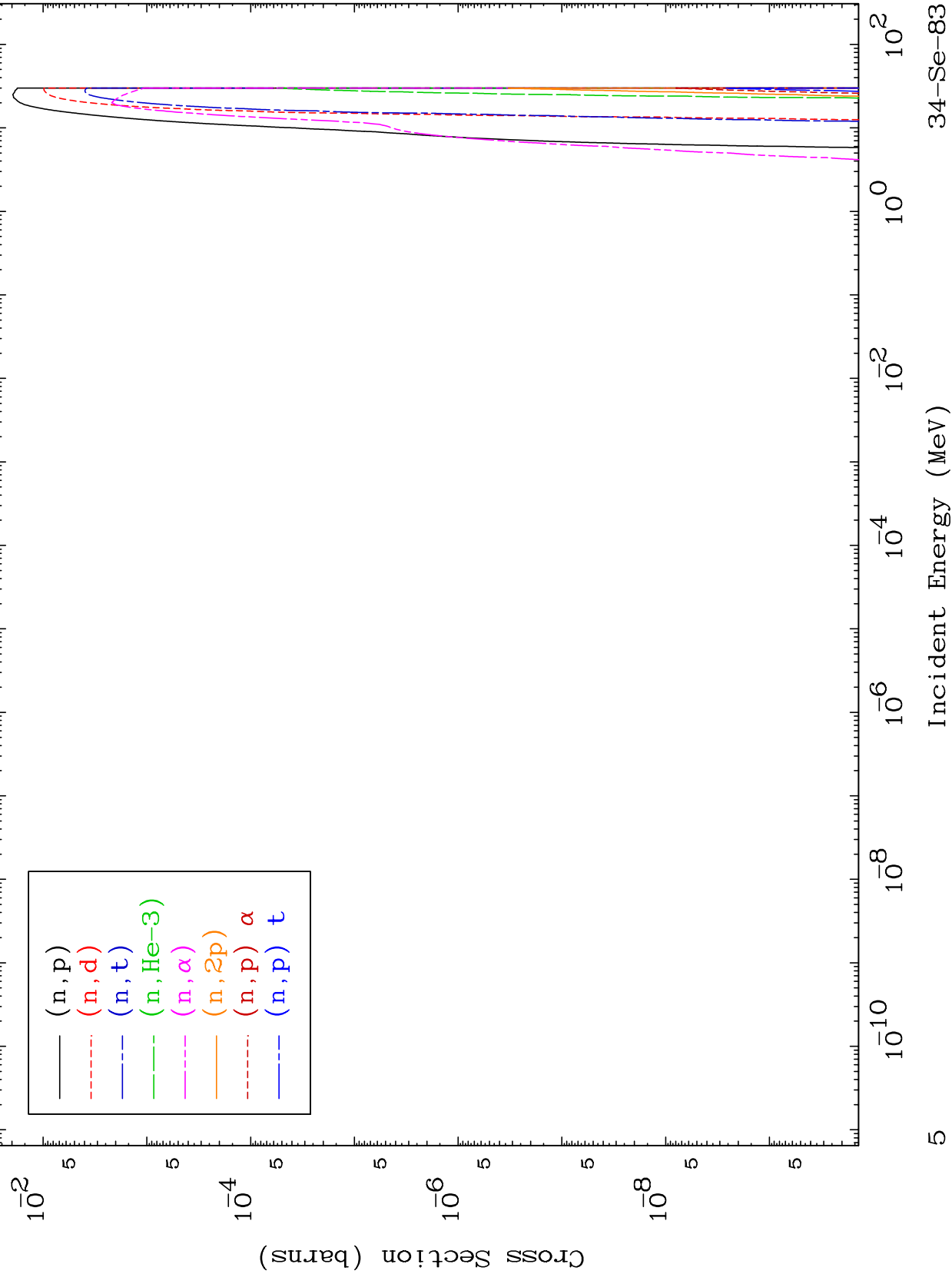




MAT 3453

Charged Particle
293 Kelvin Cross Sections

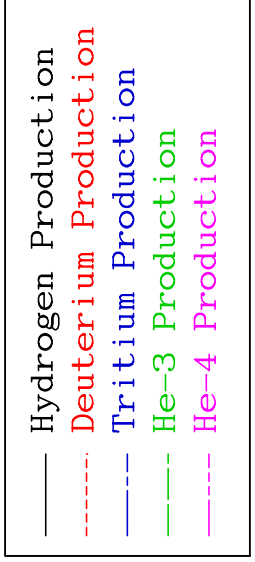
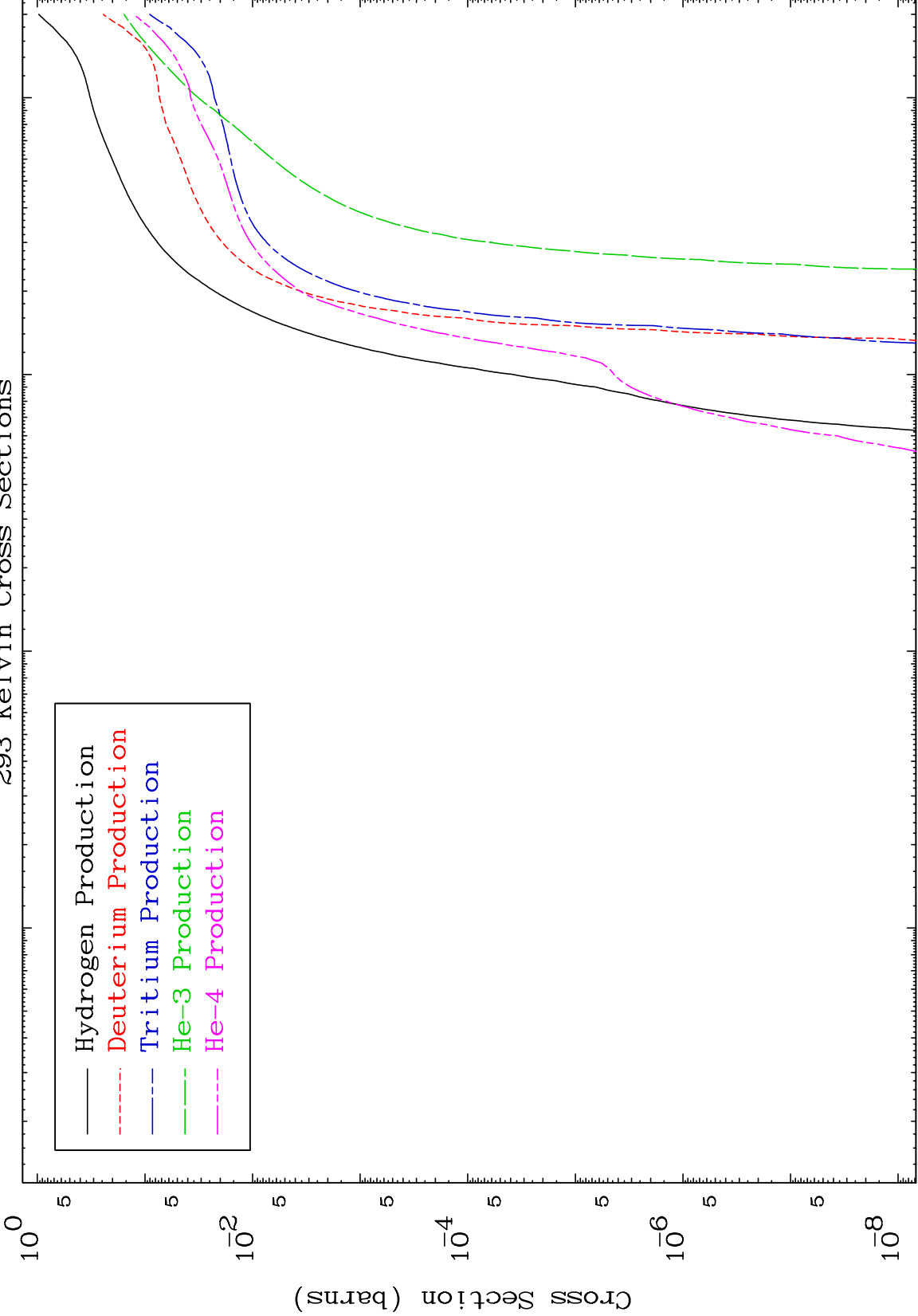
34-Se-83



MAT 3453

Particle Production
293 Kelvin Cross Sections

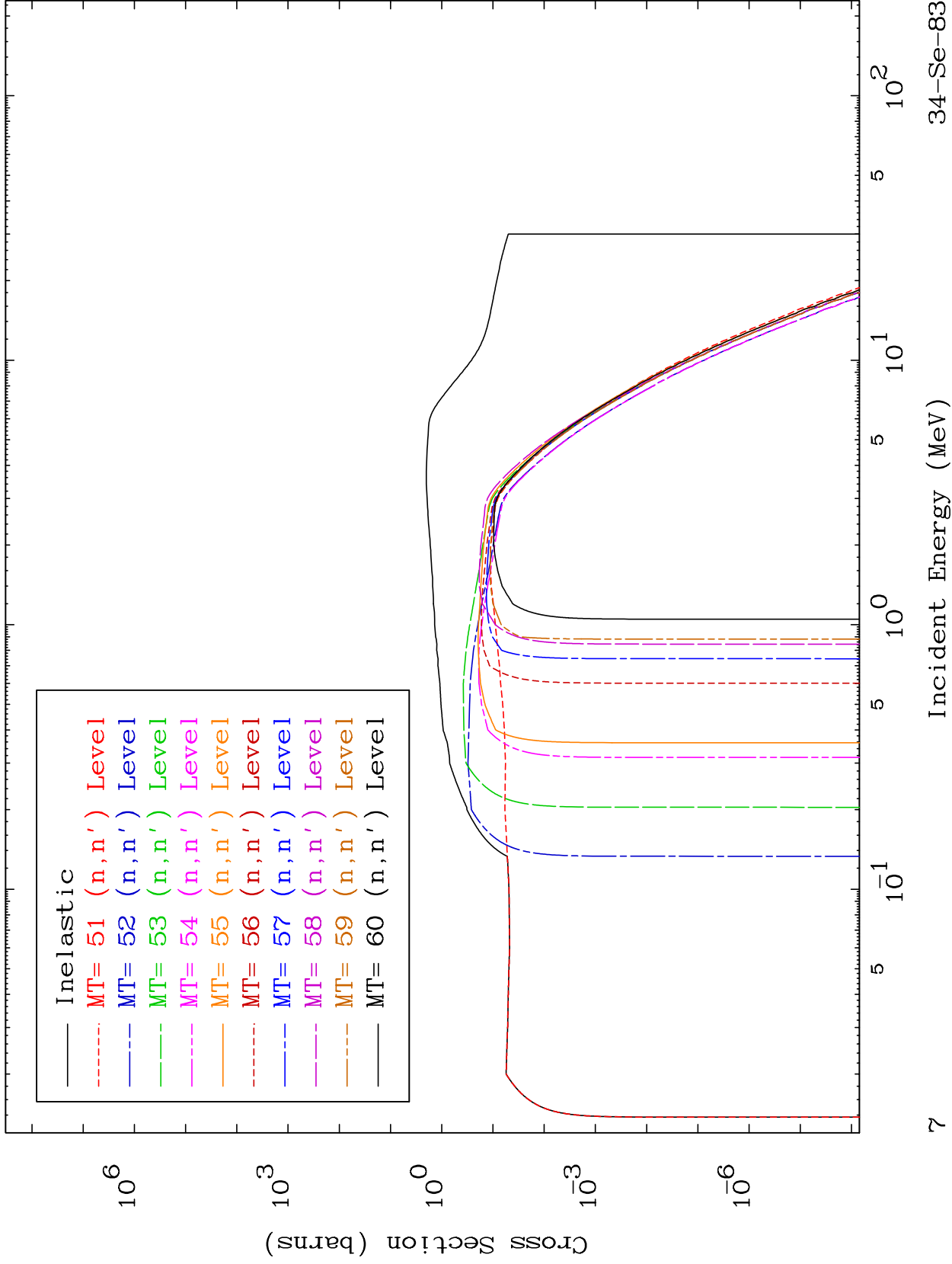
34-Se-83



MAT 3453

(n,n') Level
293 Kelvin Cross Sections

34-Se-83

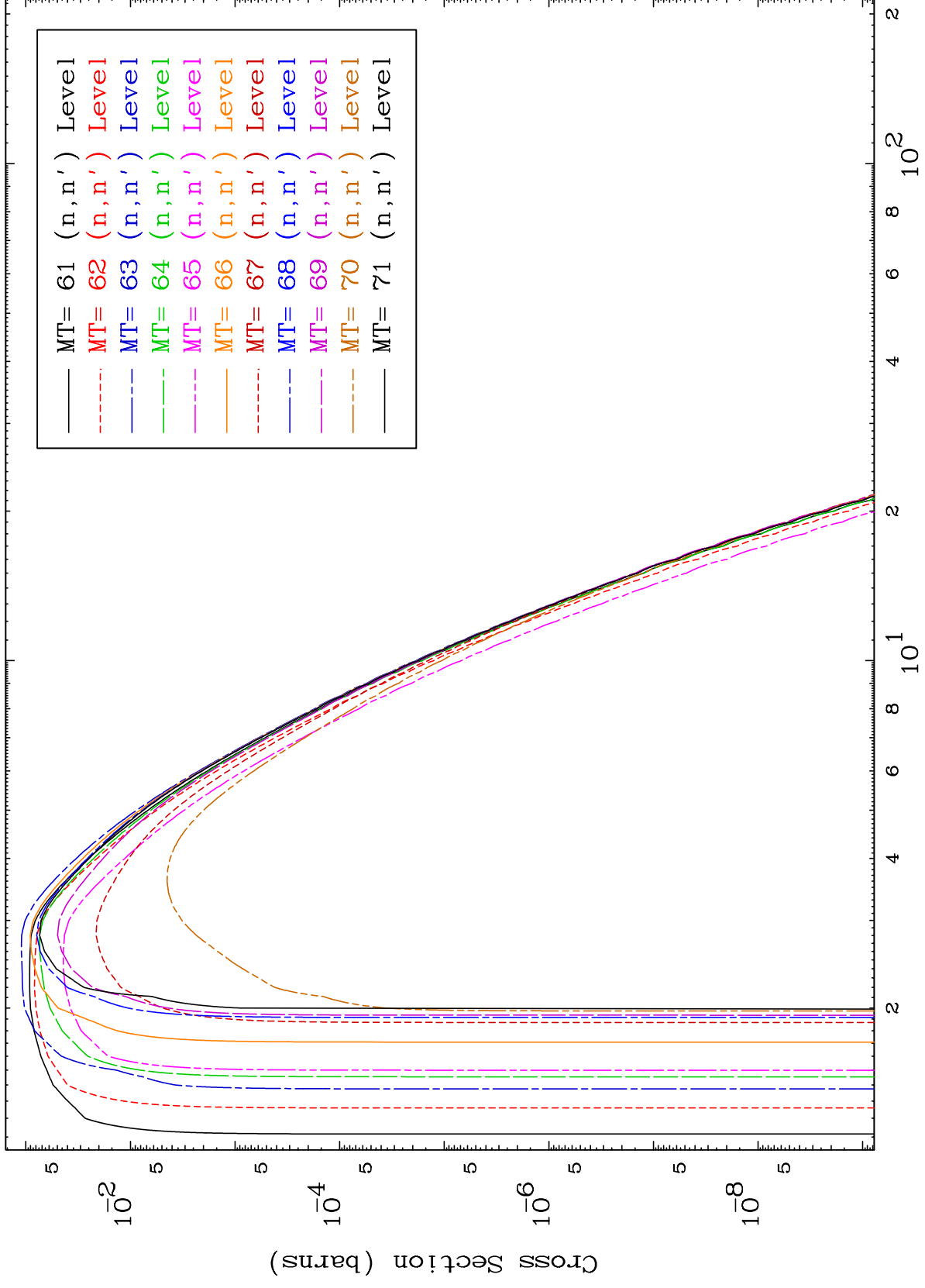


MAT 3453

(n,n') Level

34-Se-83

293 Kelvin Cross Sections



8

Incident Energy (MeV)

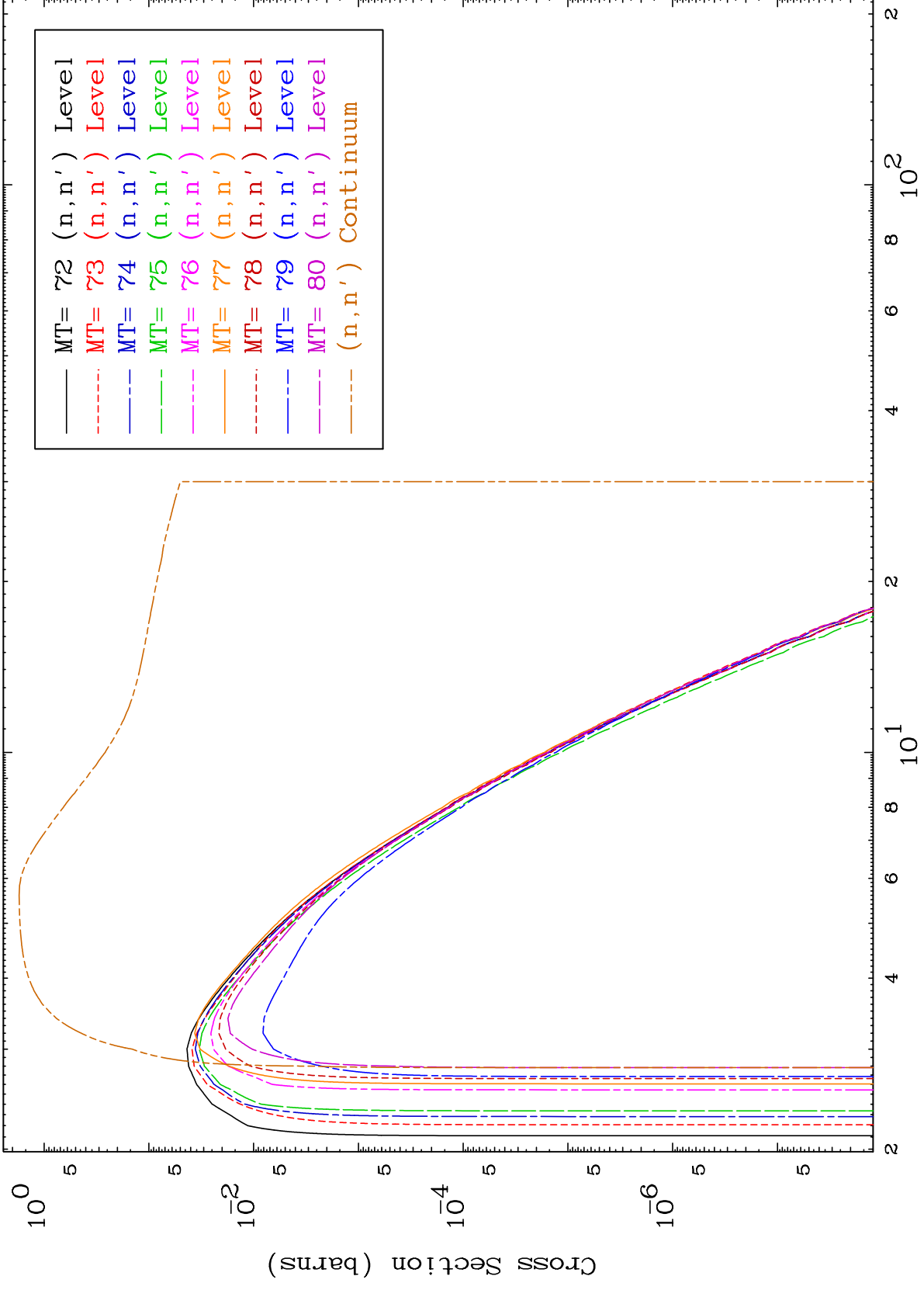
34-Se-83

MAT 3453

(n,n') Level

34-Se-83

293 Kelvin Cross Sections



9

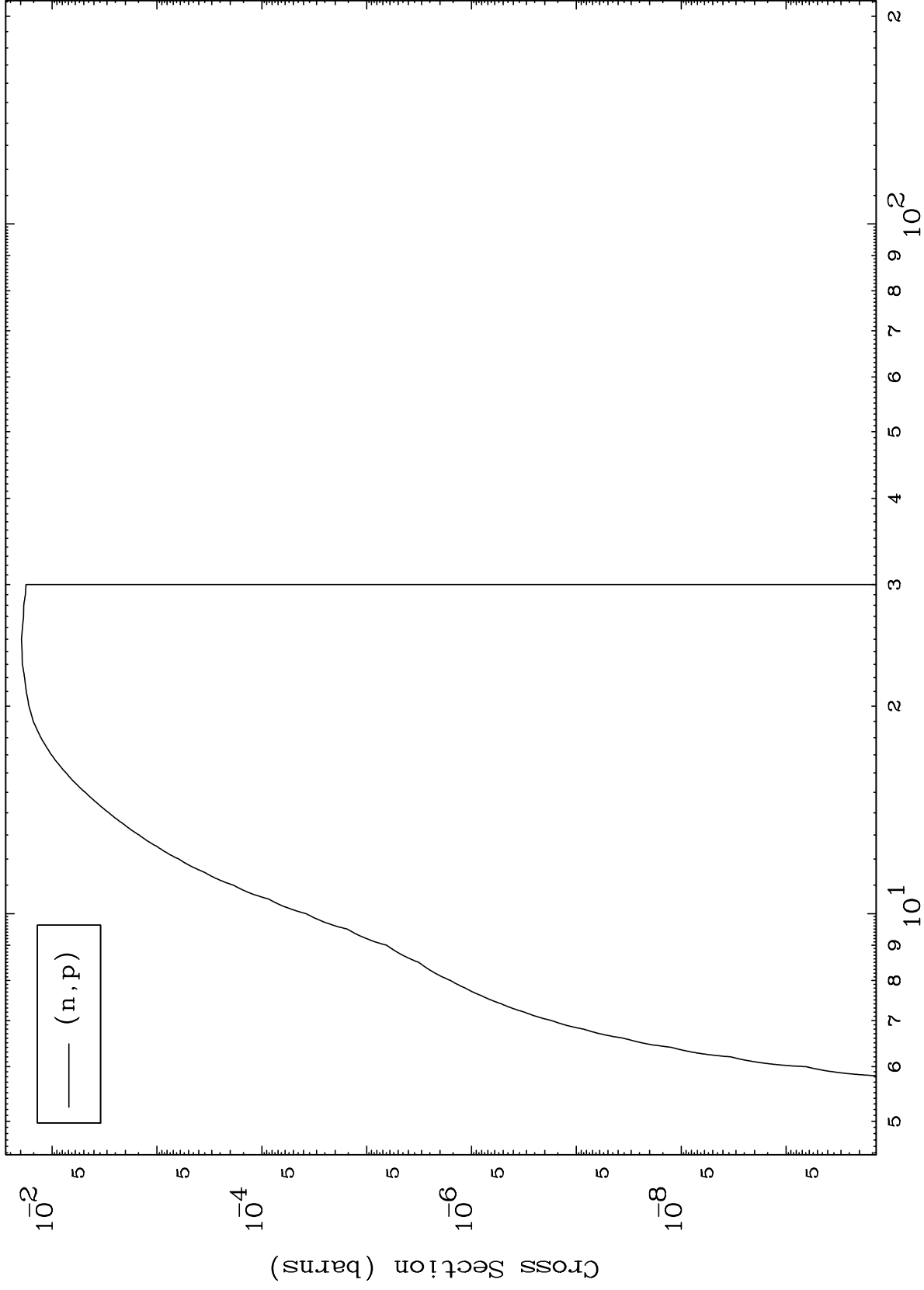
Incident Energy (MeV)

34-Se-83

MAT 3453

(n,p) Levels
293 Kelvin Cross Sections

34-Se-83



10

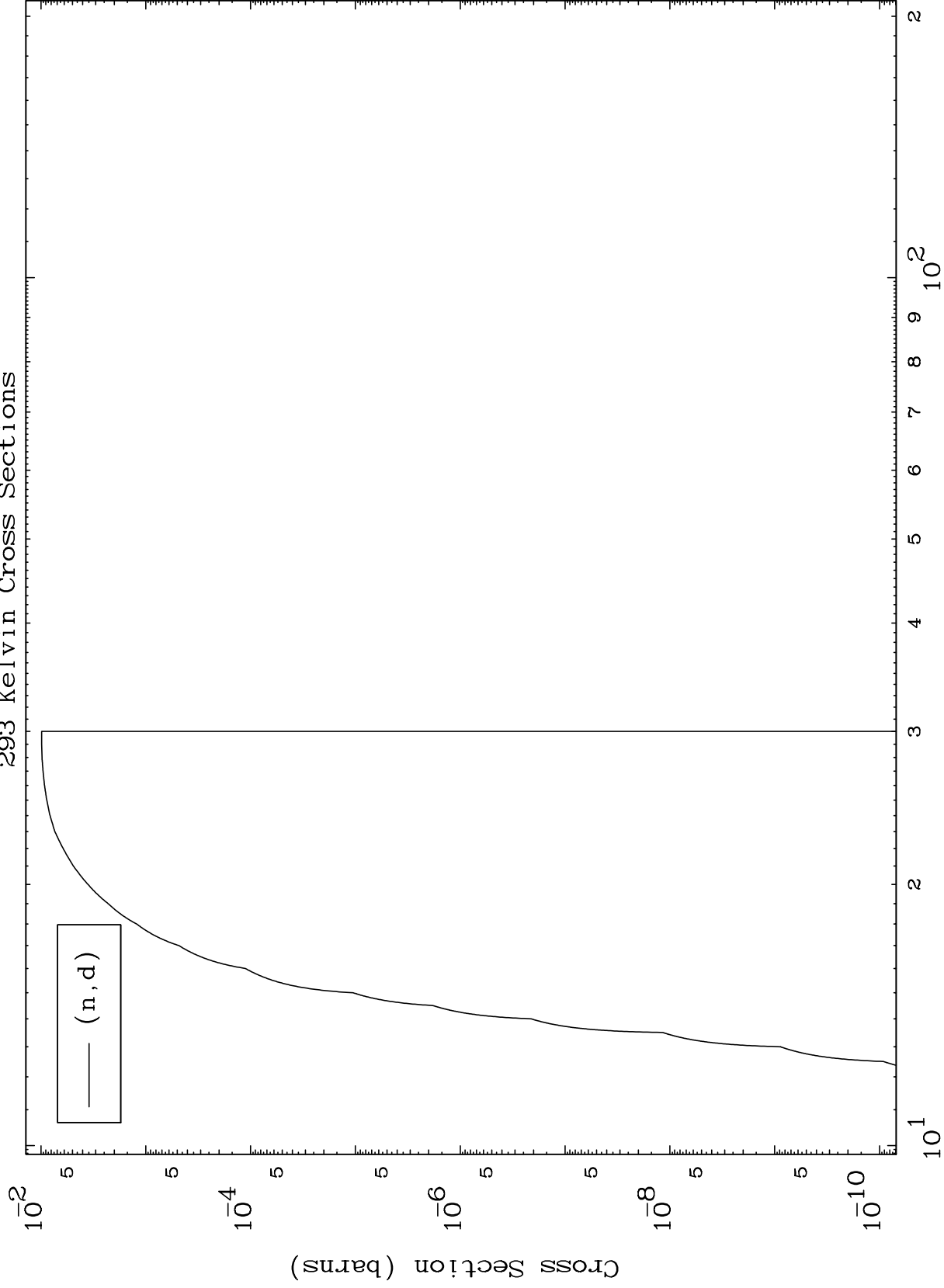
Incident Energy (MeV)

34-Se-83

MAT 3453

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-83



³⁴Se-83

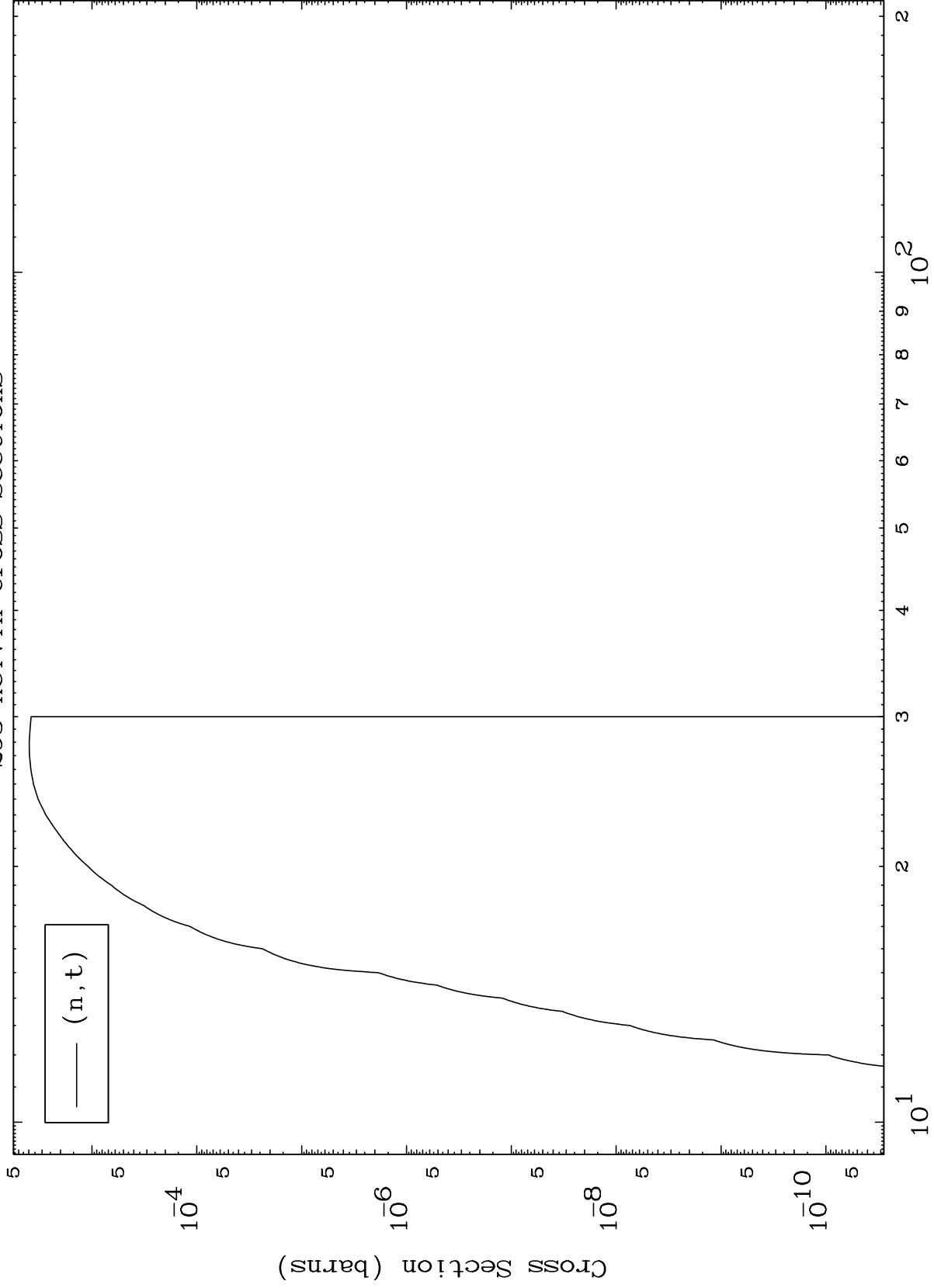
Incident Energy (MeV)

11

MAT 3453

(n,t) Levels
293 Kelvin Cross Sections

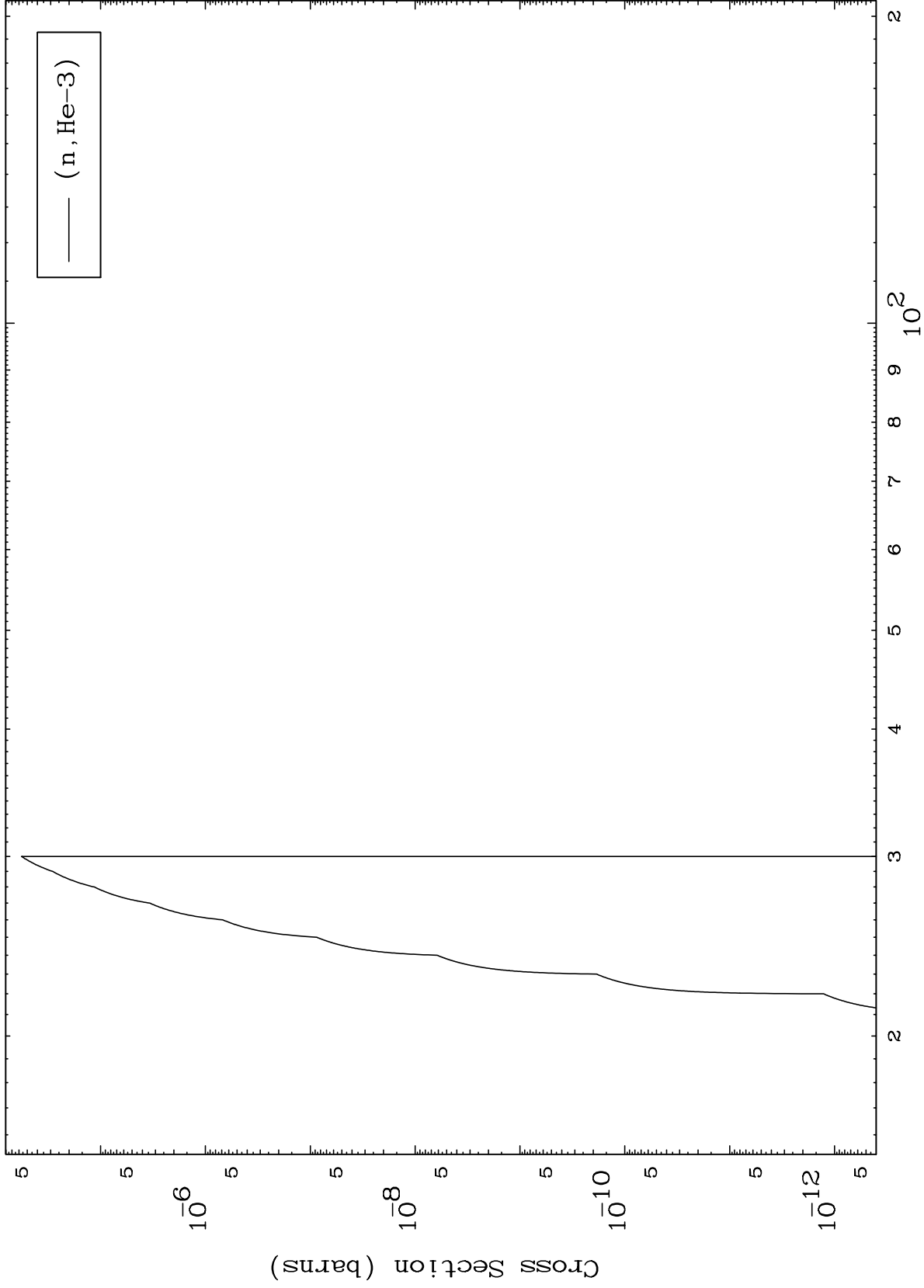
³⁴Se-83



12

Incident Energy (MeV)

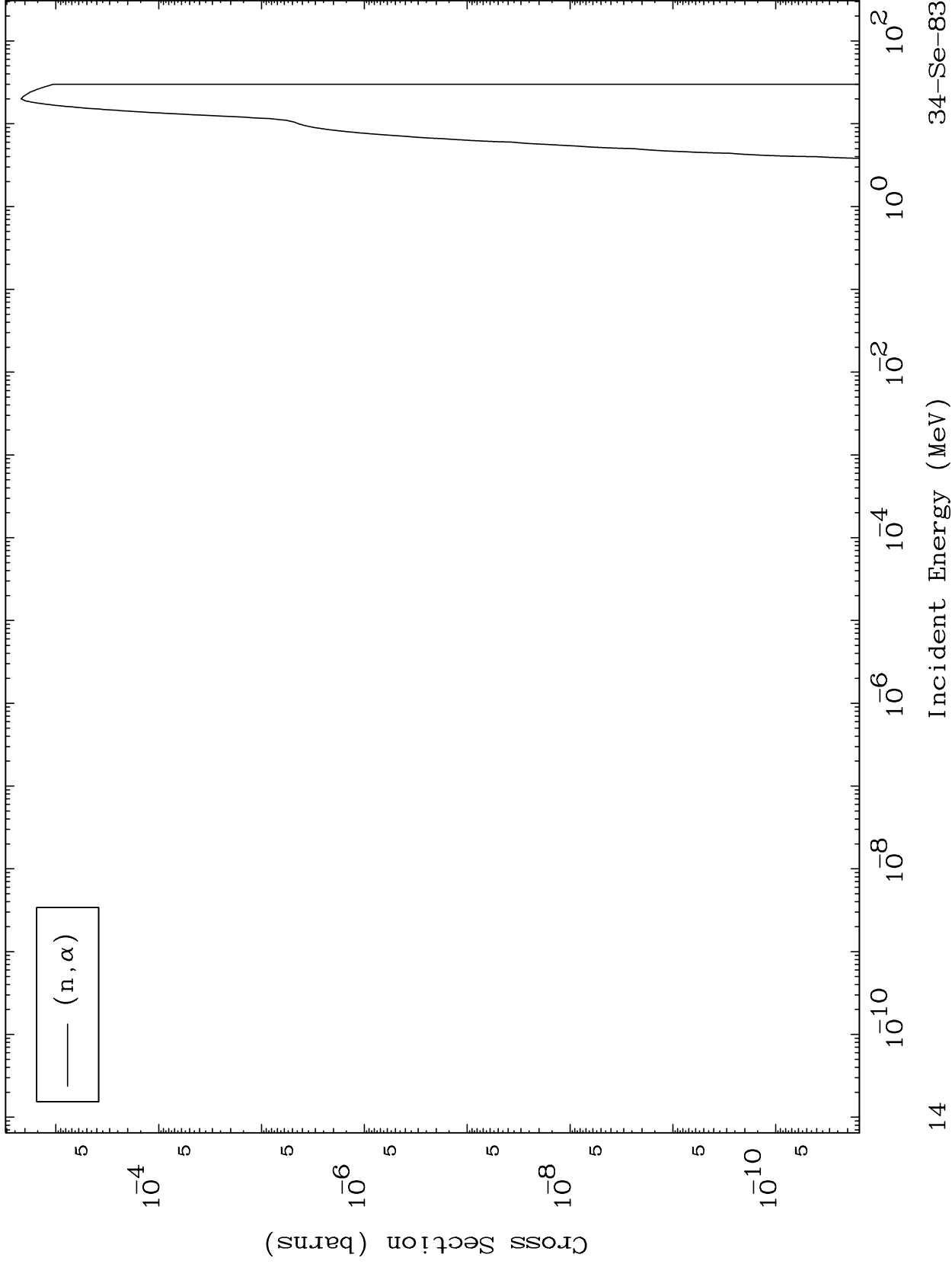
³⁴Se-83

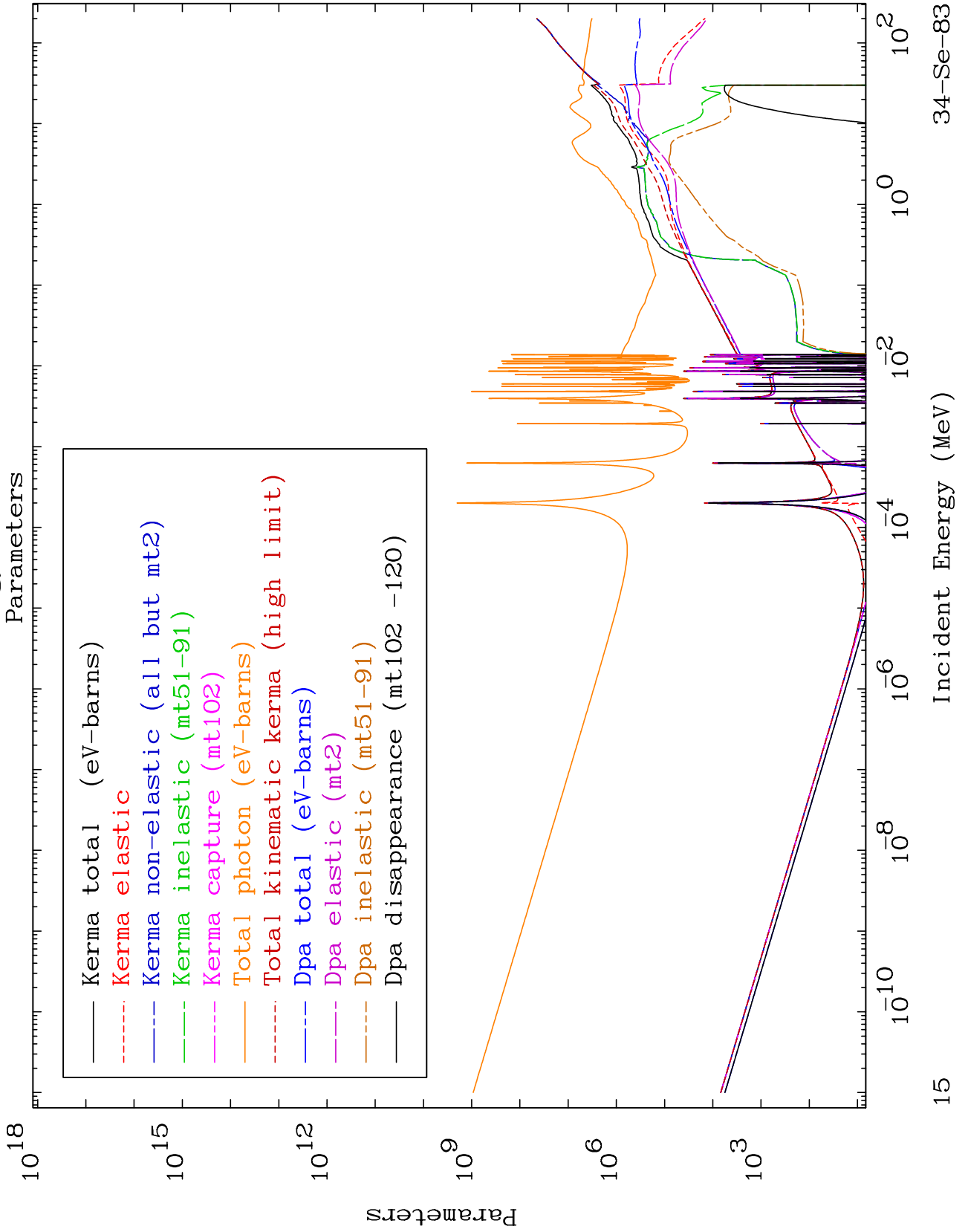


MAT 3453

(n, α) Levels
293 Kelvin Cross Sections

34-Se-83

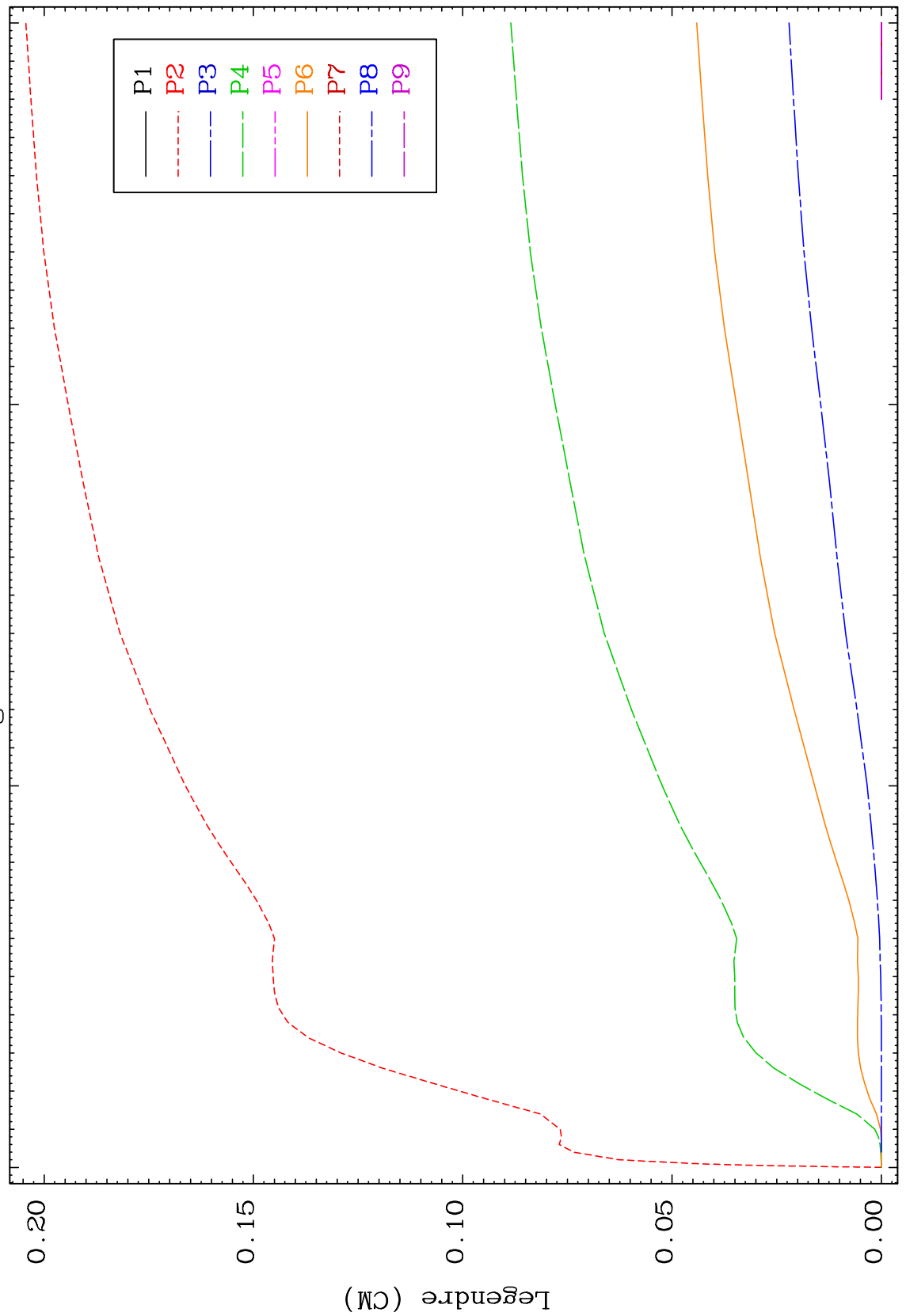




MAT 3453

Elastic Legendre Coefficients

³⁴Se-83



16

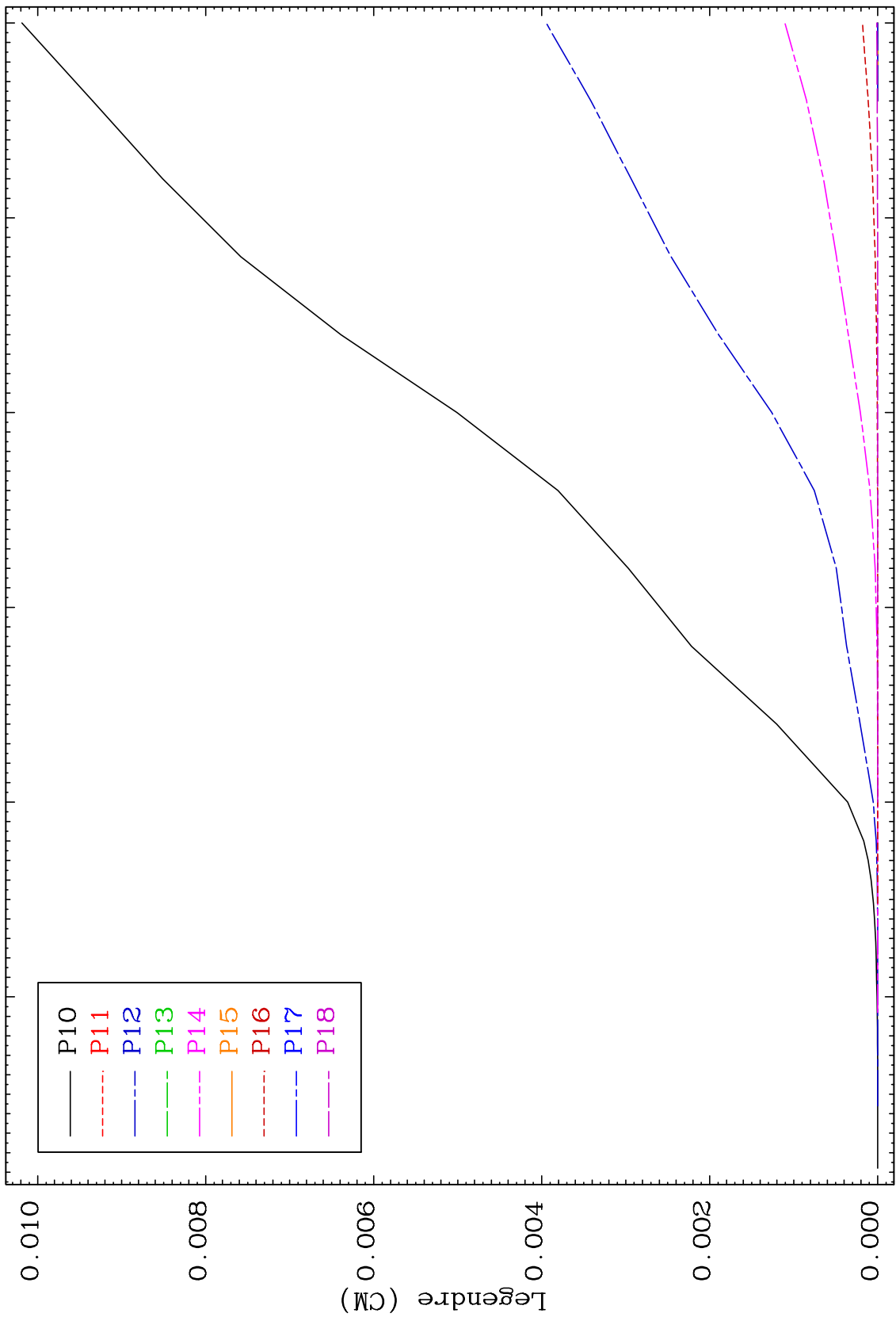
Incident Energy (MeV)

³⁴Se-83

MAT 3453

Elastic Legendre Coefficients

³⁴Se-83



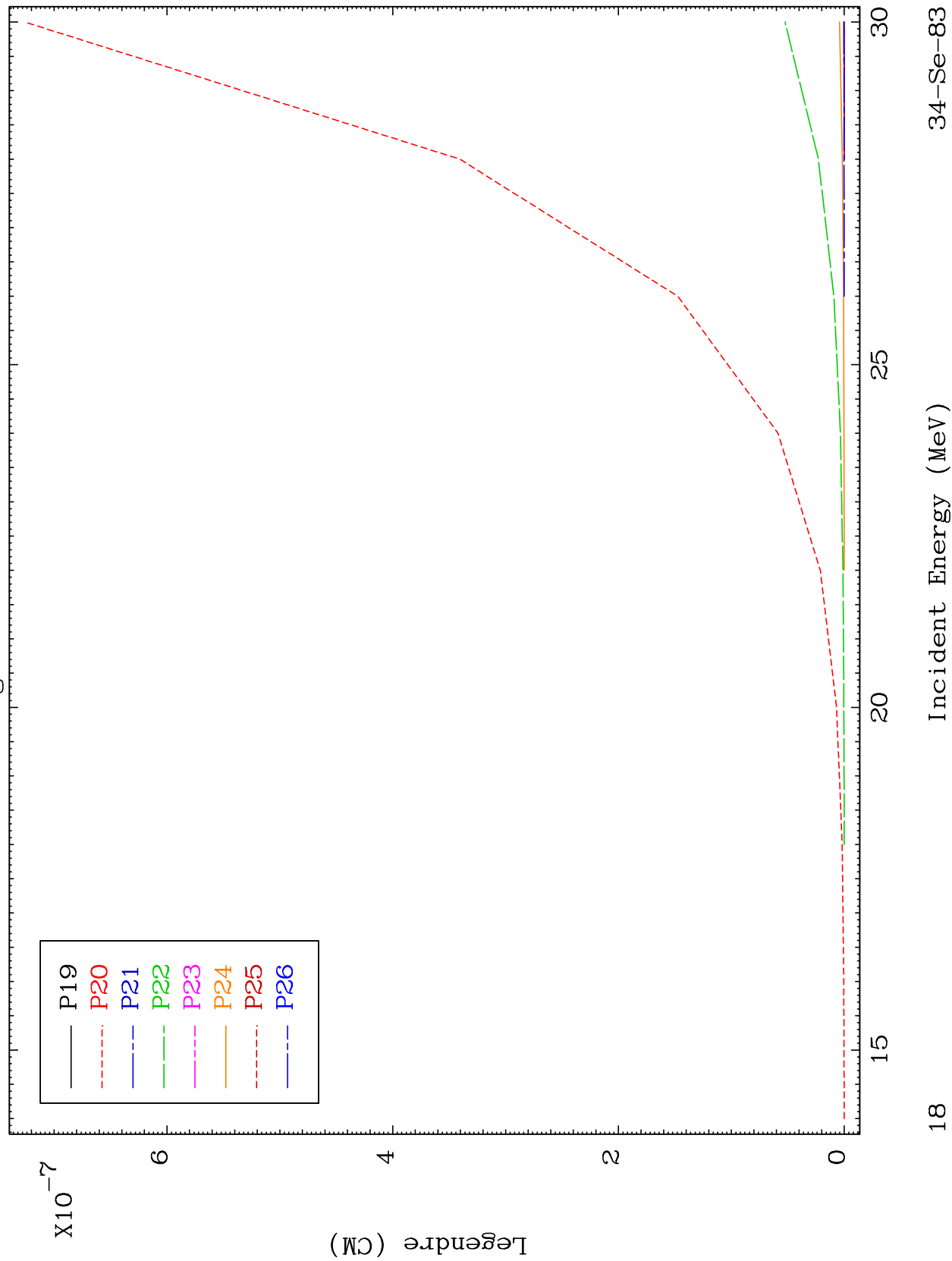
17

³⁴Se-83

MAT 3453

Elastic Legendre Coefficients

³⁴Se-83



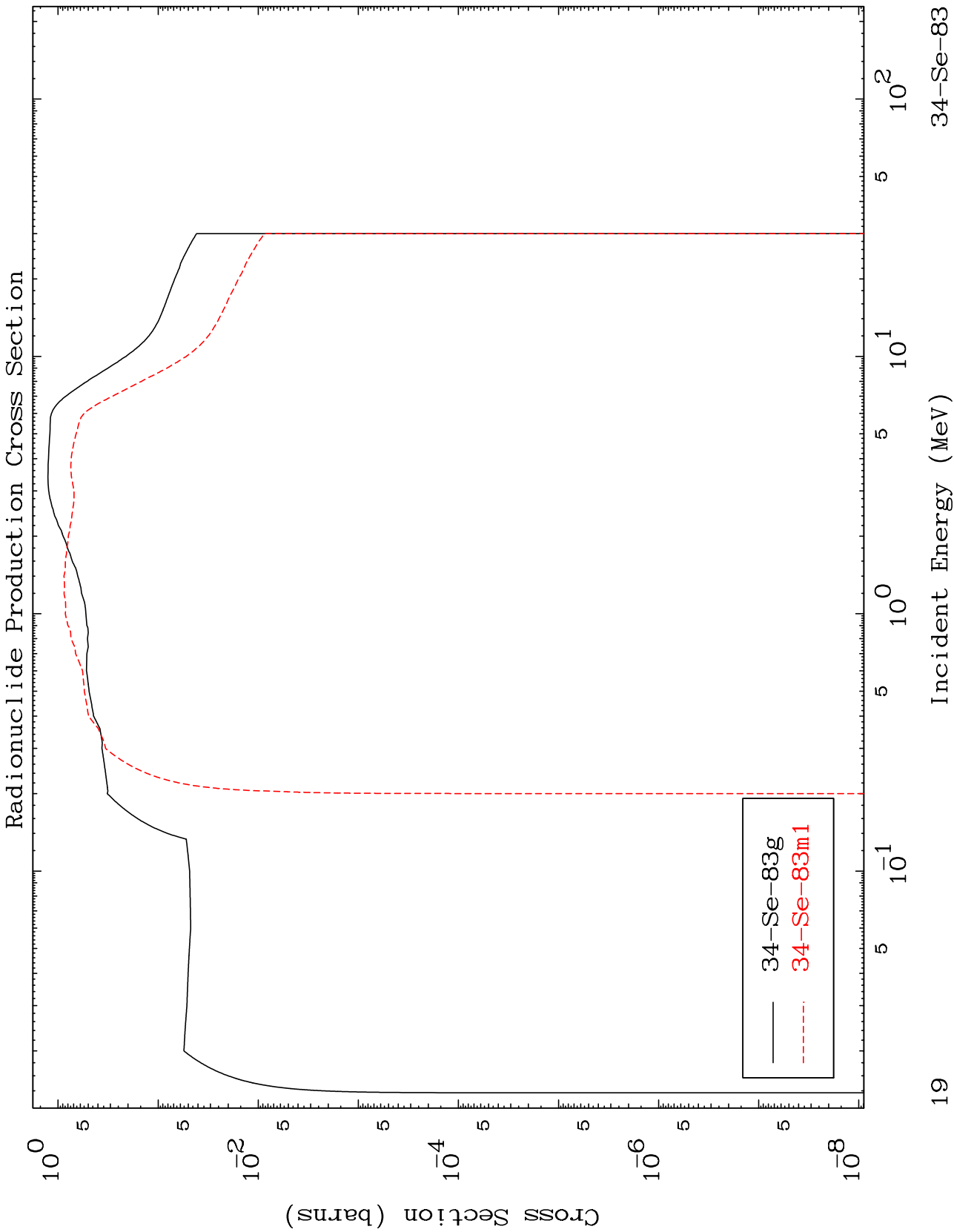
18

Incident Energy (MeV)

³⁴Se-83

MAT 3453

³⁴Se-83

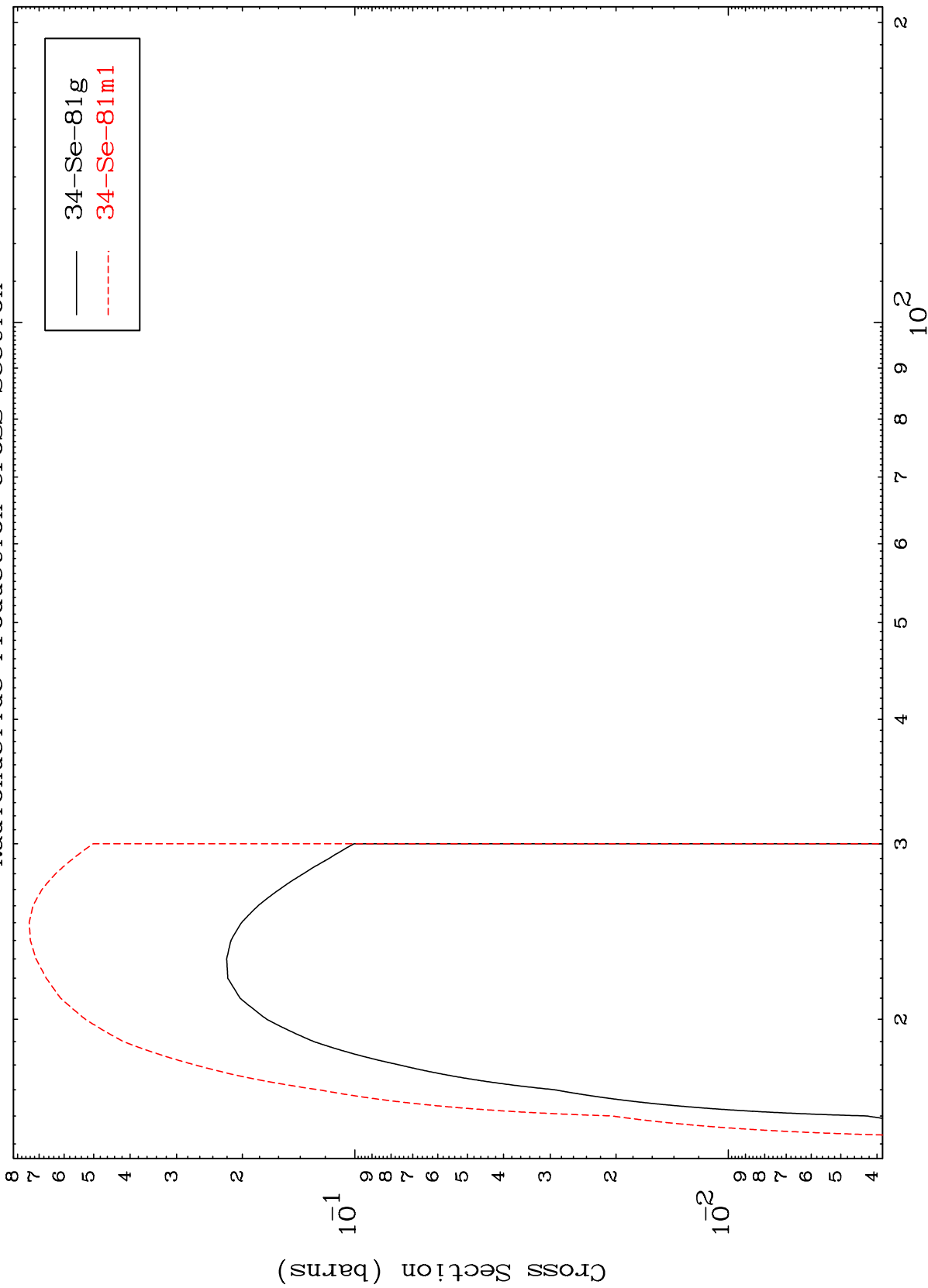


MAT 3453

³⁴Se-83

(n,3n)

Radionuclide Production Cross Section



20

Incident Energy (MeV)

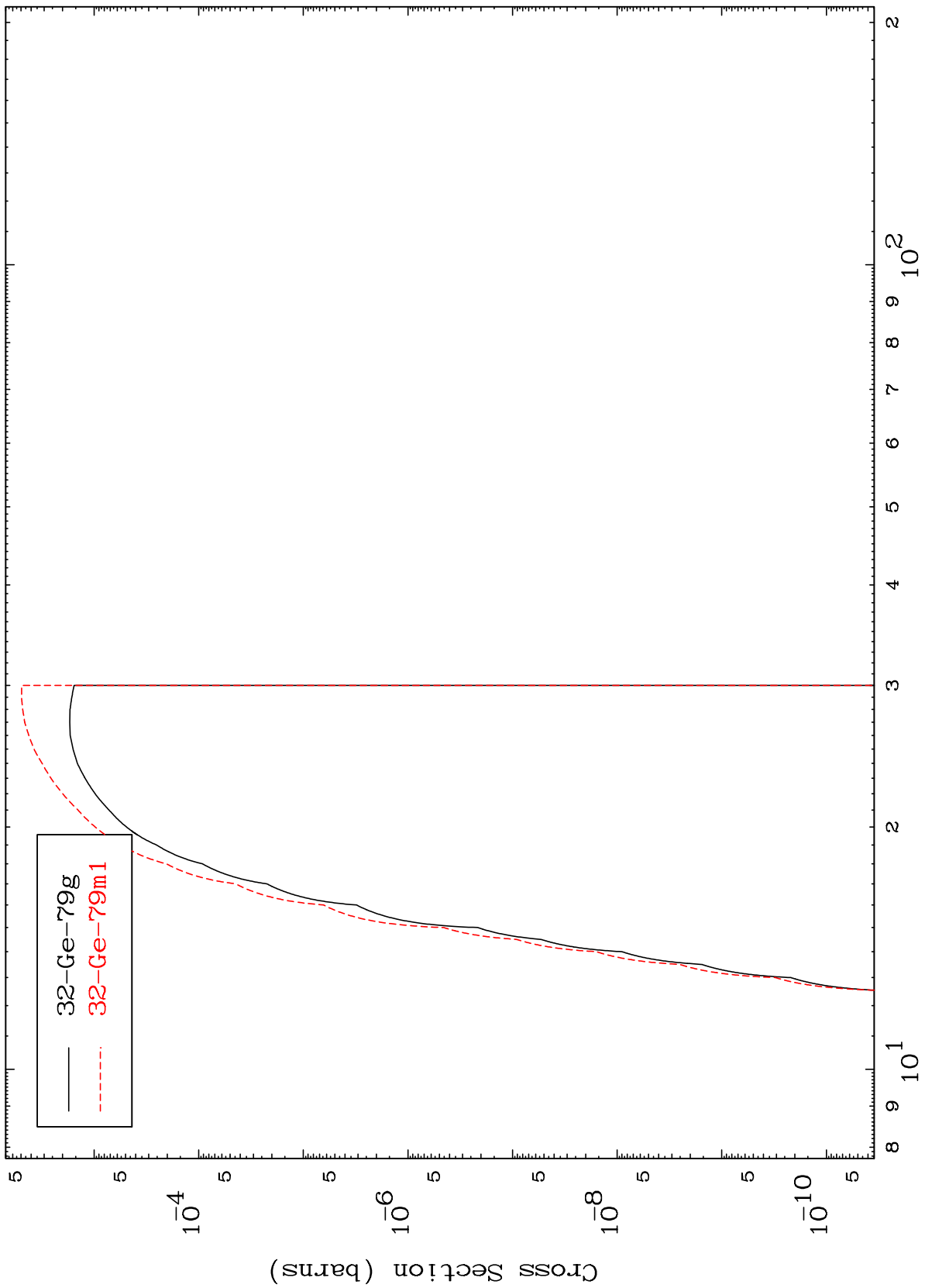
³⁴Se-83

MAT 3453

$(n, n') \alpha$

$^{34}\text{Se-83}$

Radionuclide Production Cross Section

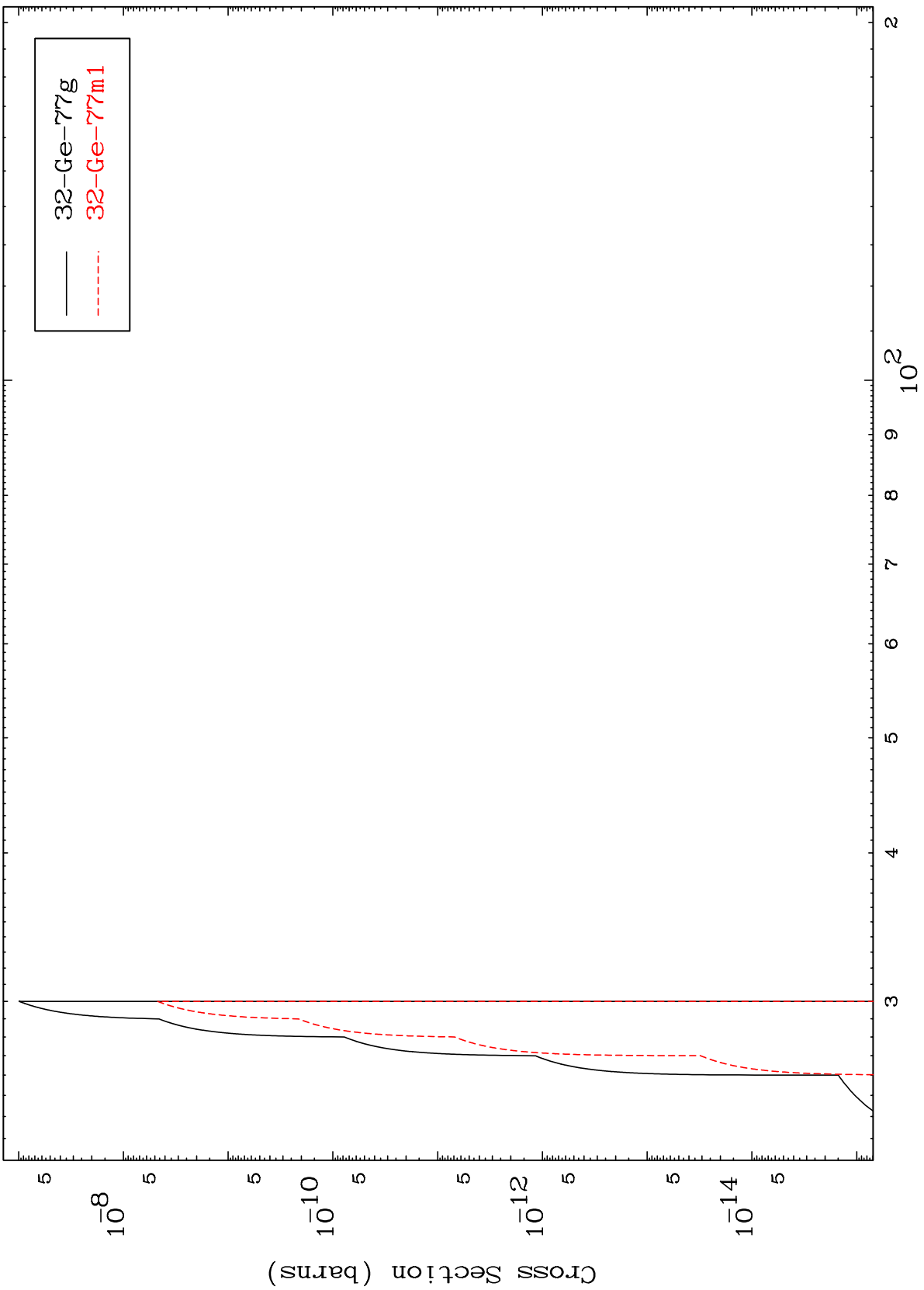


21

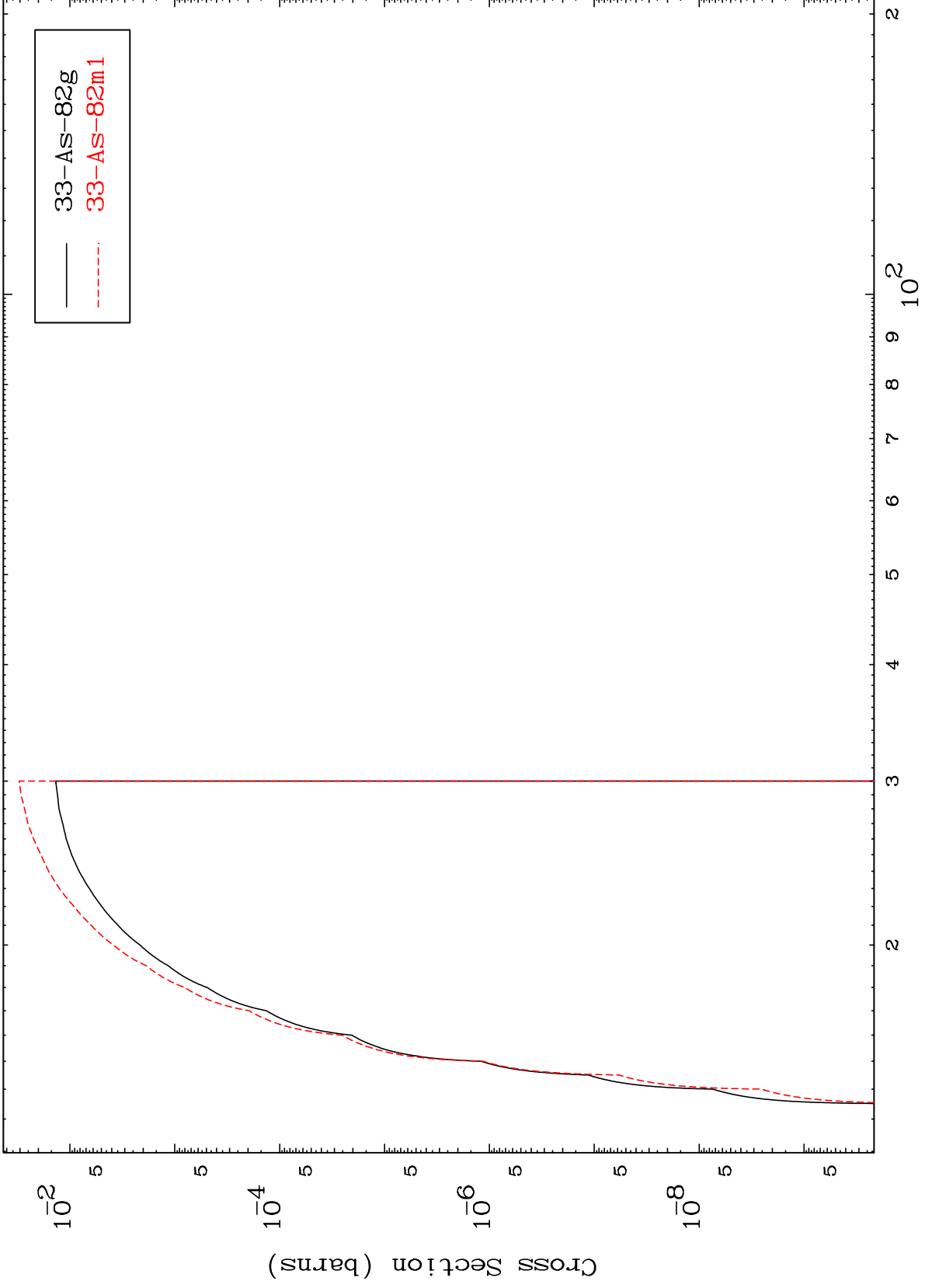
Incident Energy (MeV)

$^{34}\text{Se-83}$

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

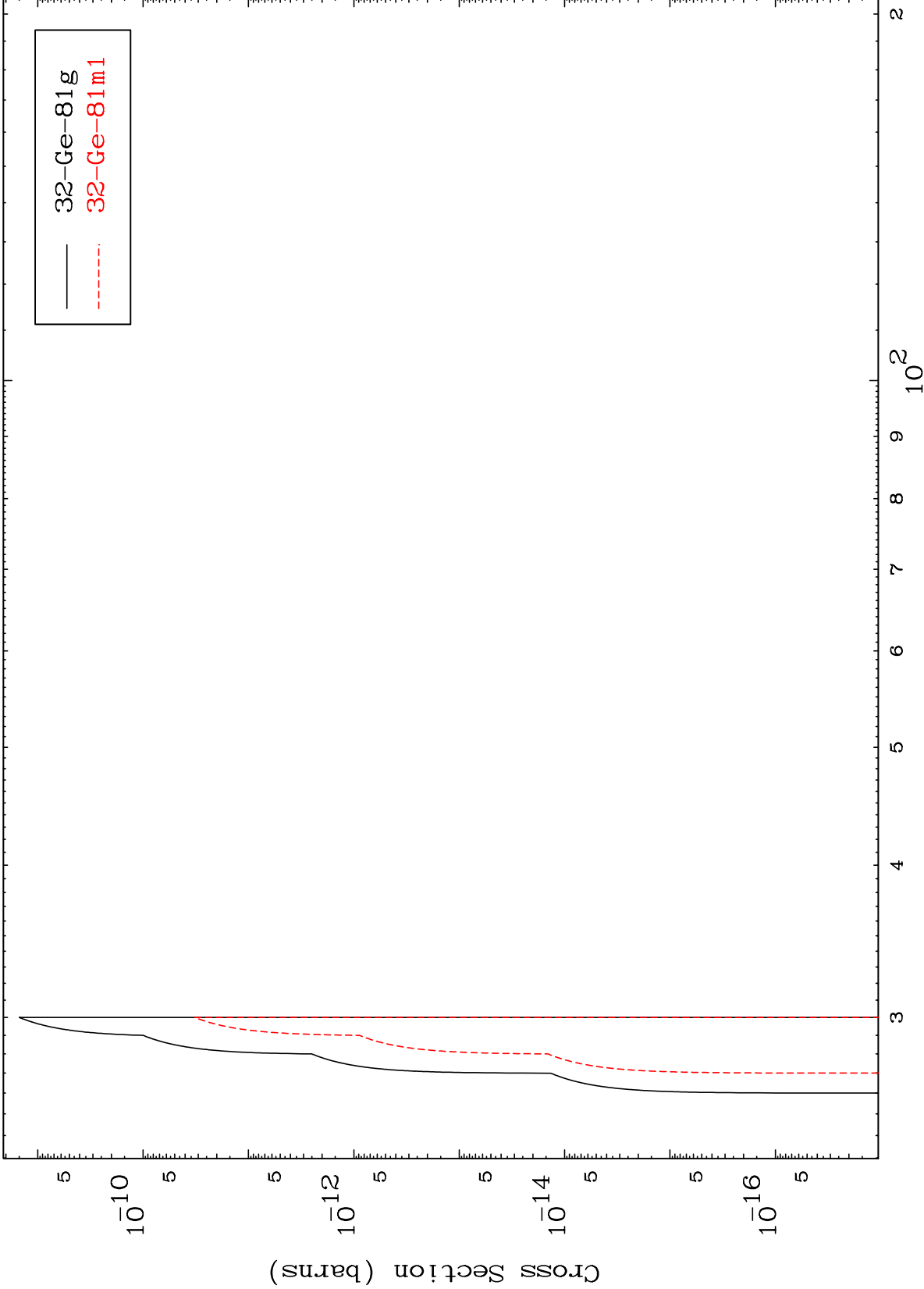


MAT 3453

(n,2n) p

34-^{Se-83}

Radionuclide Production Cross Section



24

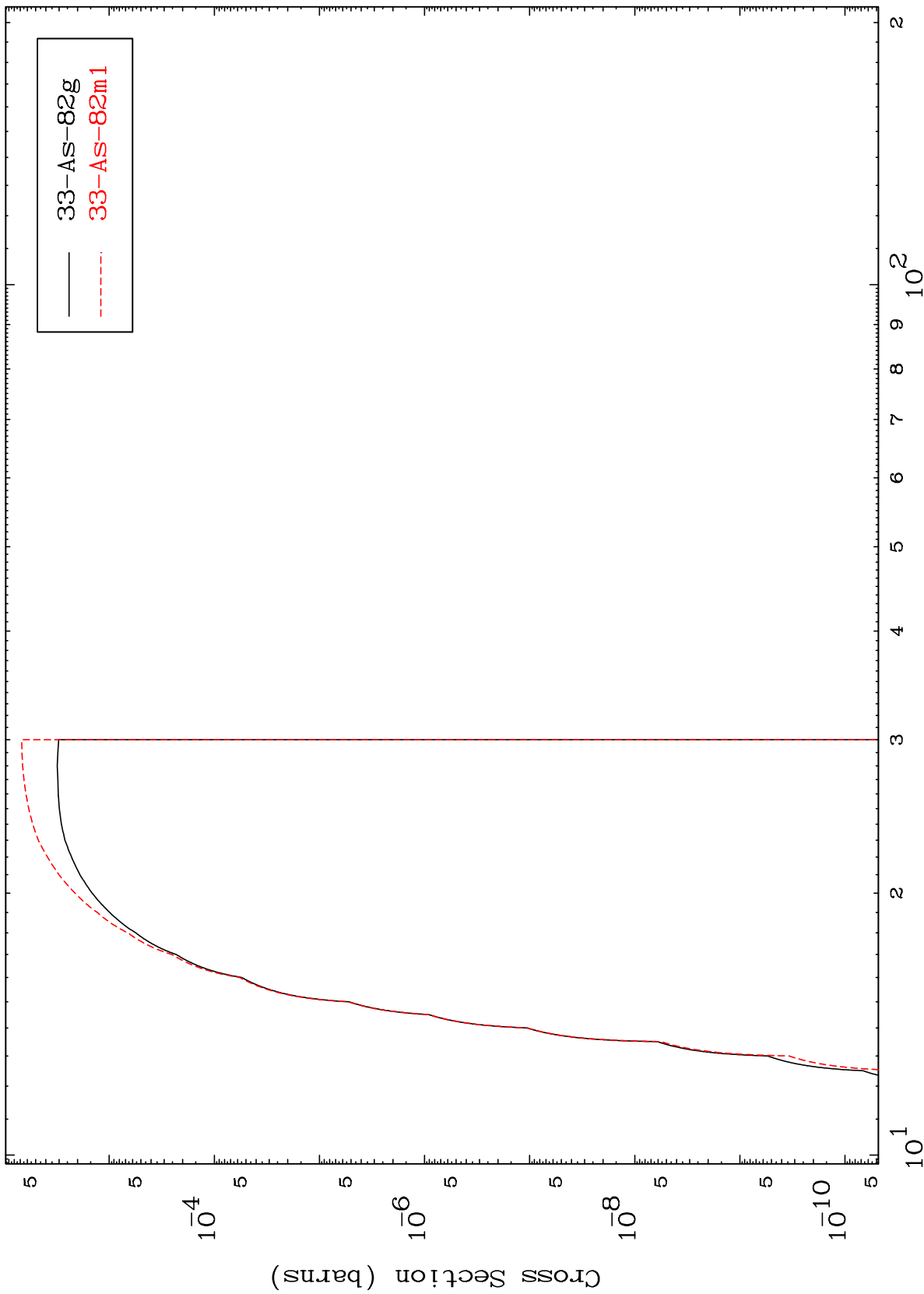
Incident Energy (MeV)

34-^{Se-83}

MAT 3453

34-Se-83

(n,d)
Radionuclide Production Cross Section



34-Se-83

Incident Energy (MeV)

25

