

Program EVALPLOT
(Version 2018-1)

by

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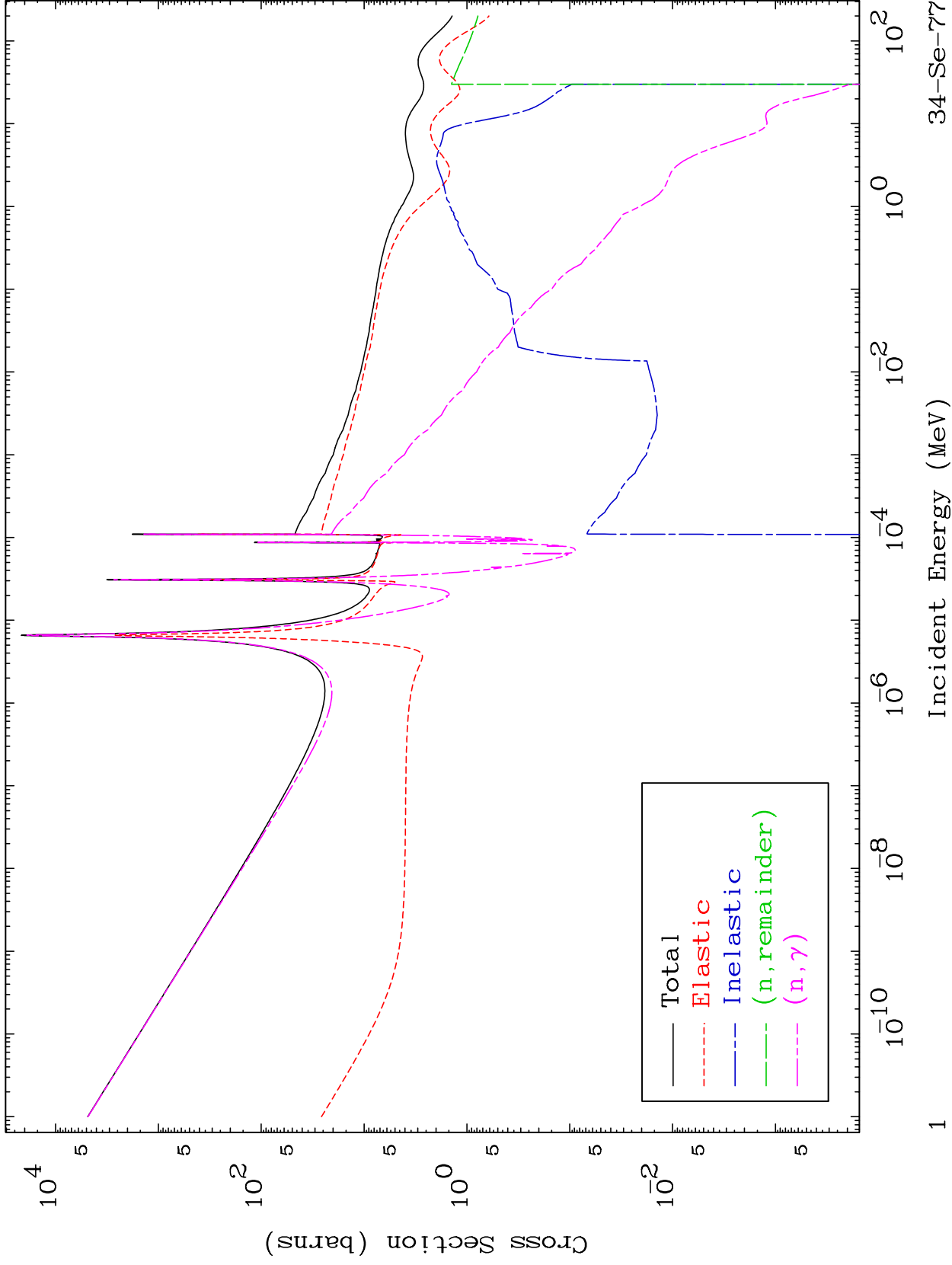
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3435

Major
293 Kelvin Cross Sections

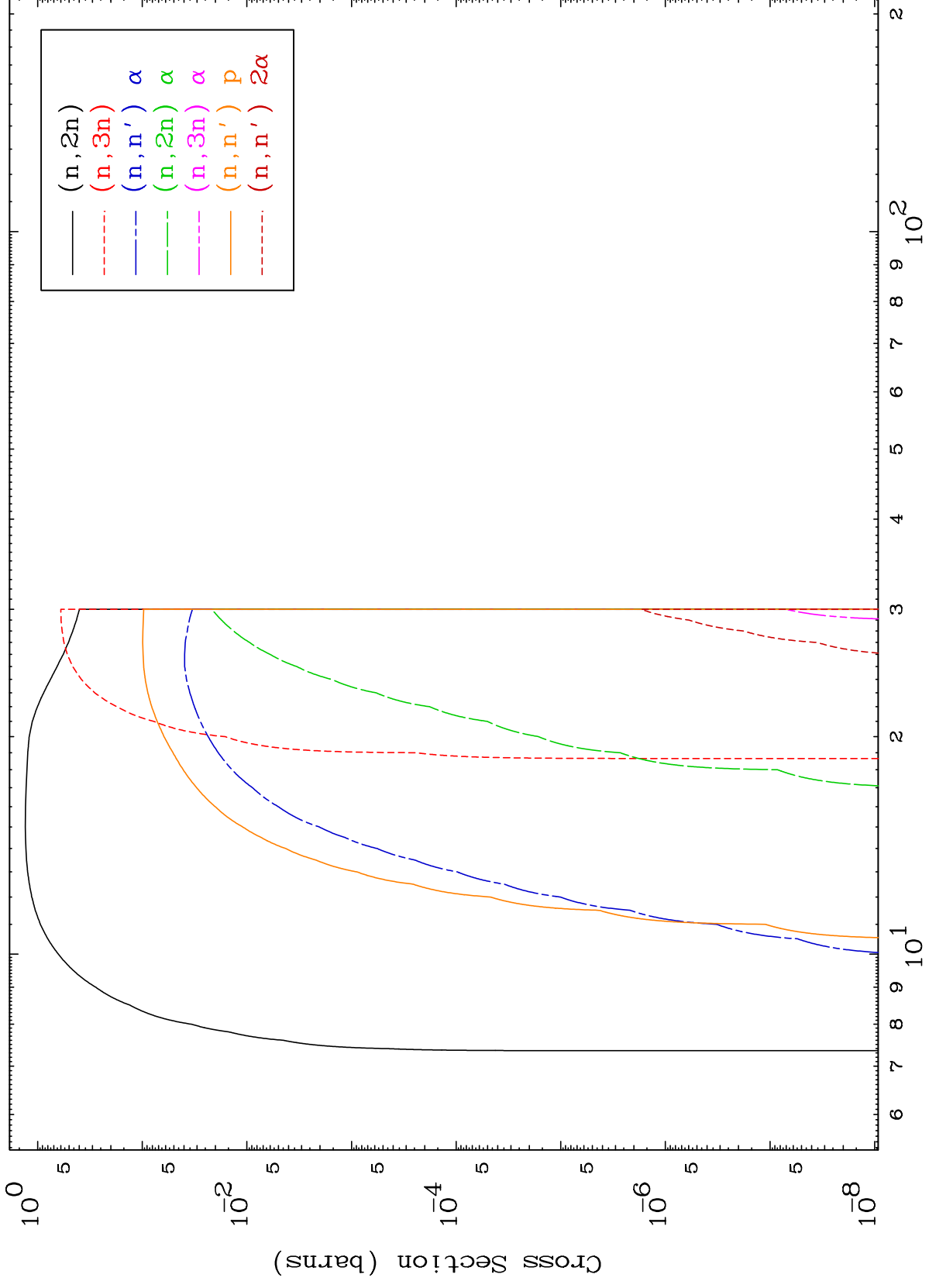
34-Se-77



MAT 3435

Neutron Production
293 Kelvin Cross Sections

34-Se-77

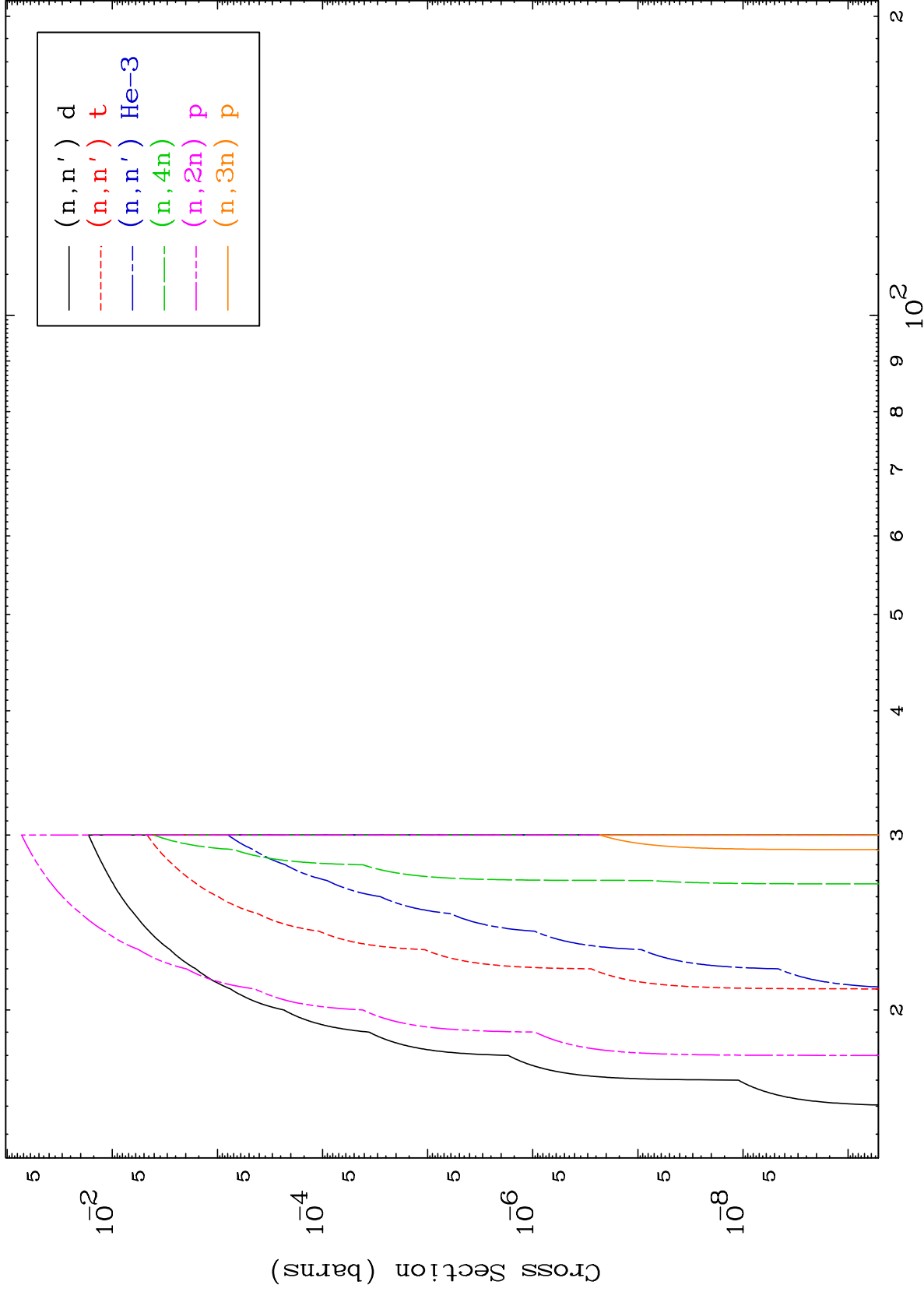


2

Incident Energy (MeV)

34-Se-77

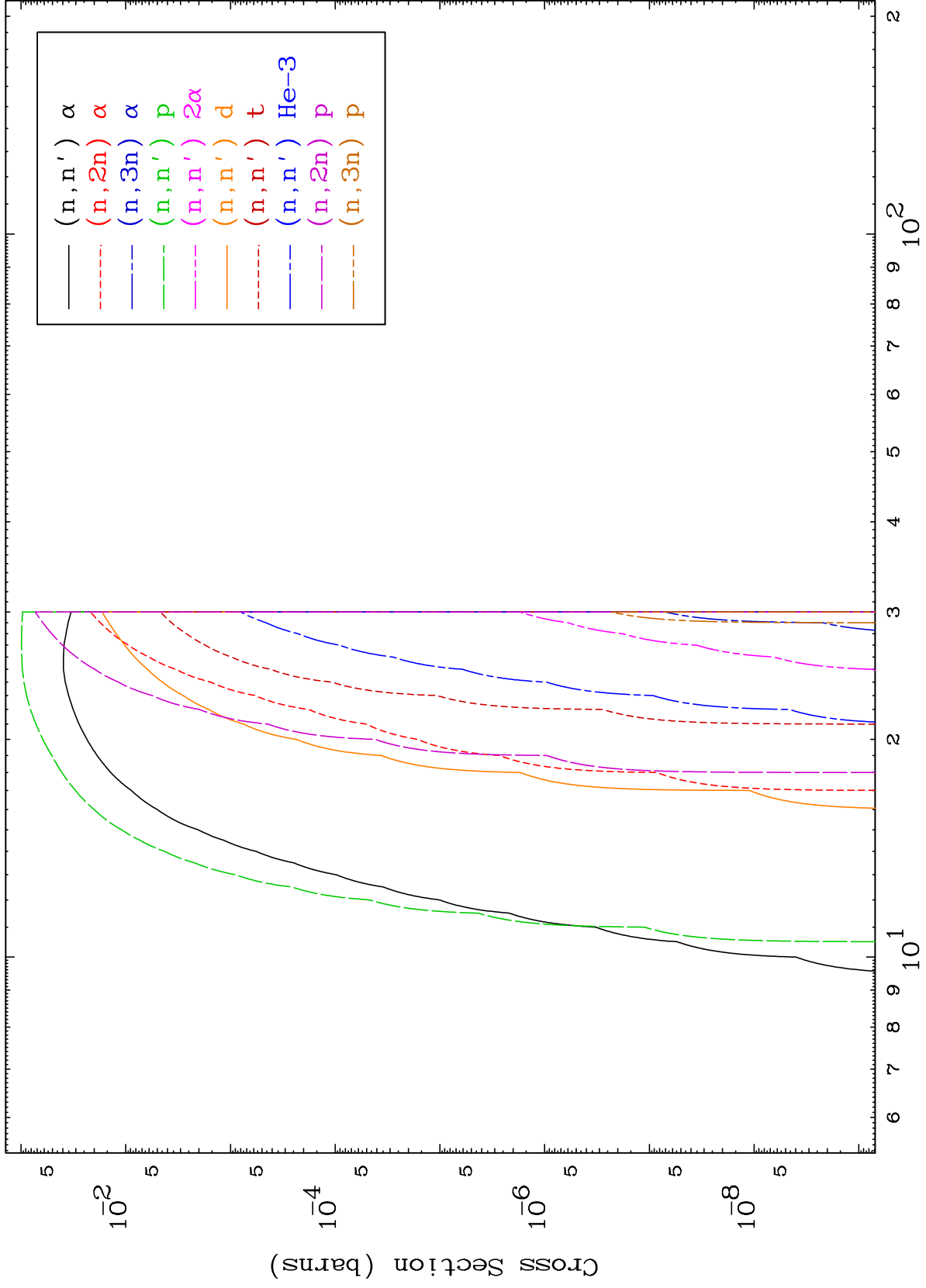
Neutron Production
293 Kelvin Cross Sections



MAT 3435

Charged Particle
293 Kelvin Cross Sections

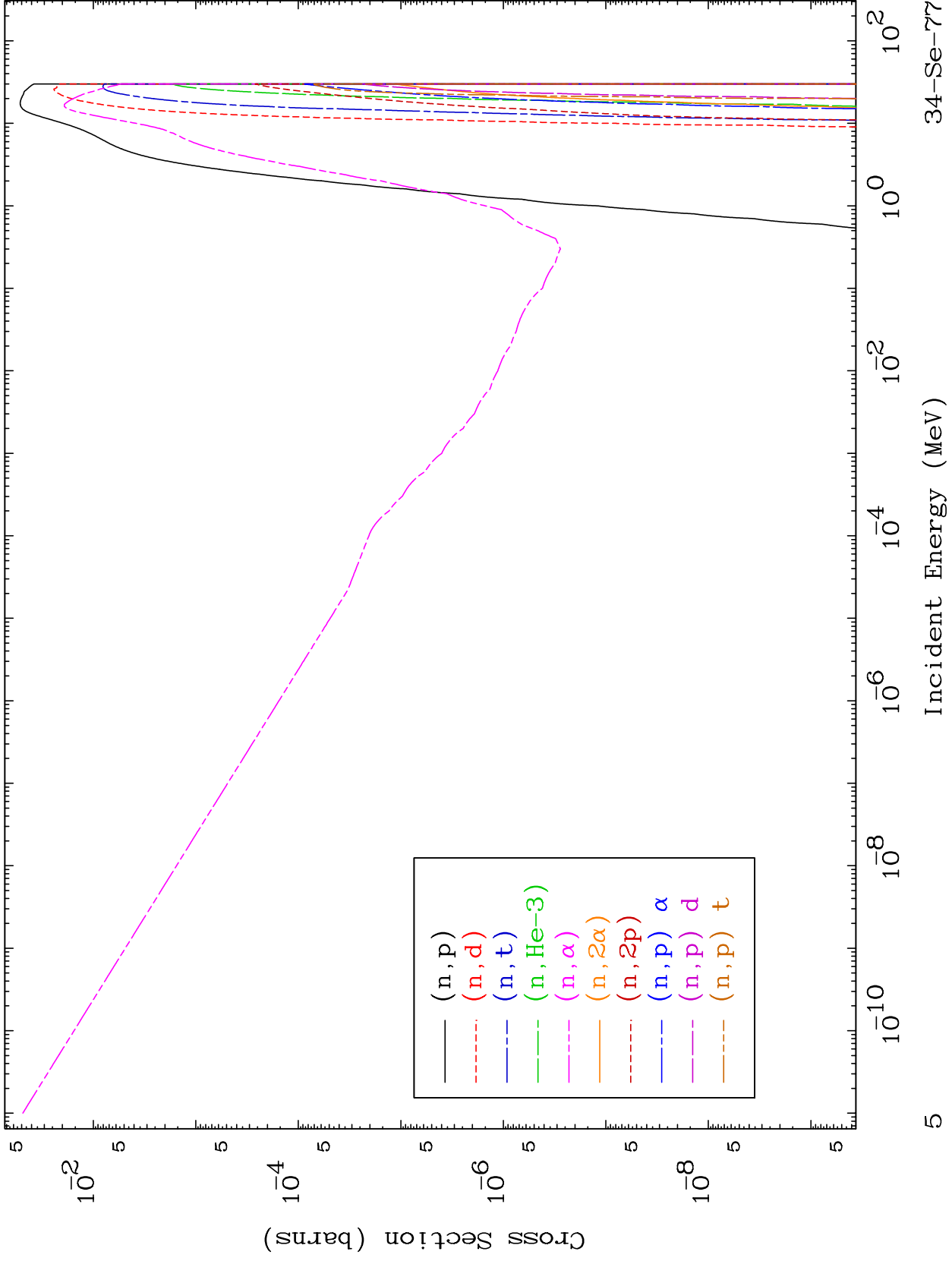
³⁴Se-77



MAT 3435

Charged Particle
293 Kelvin Cross Sections

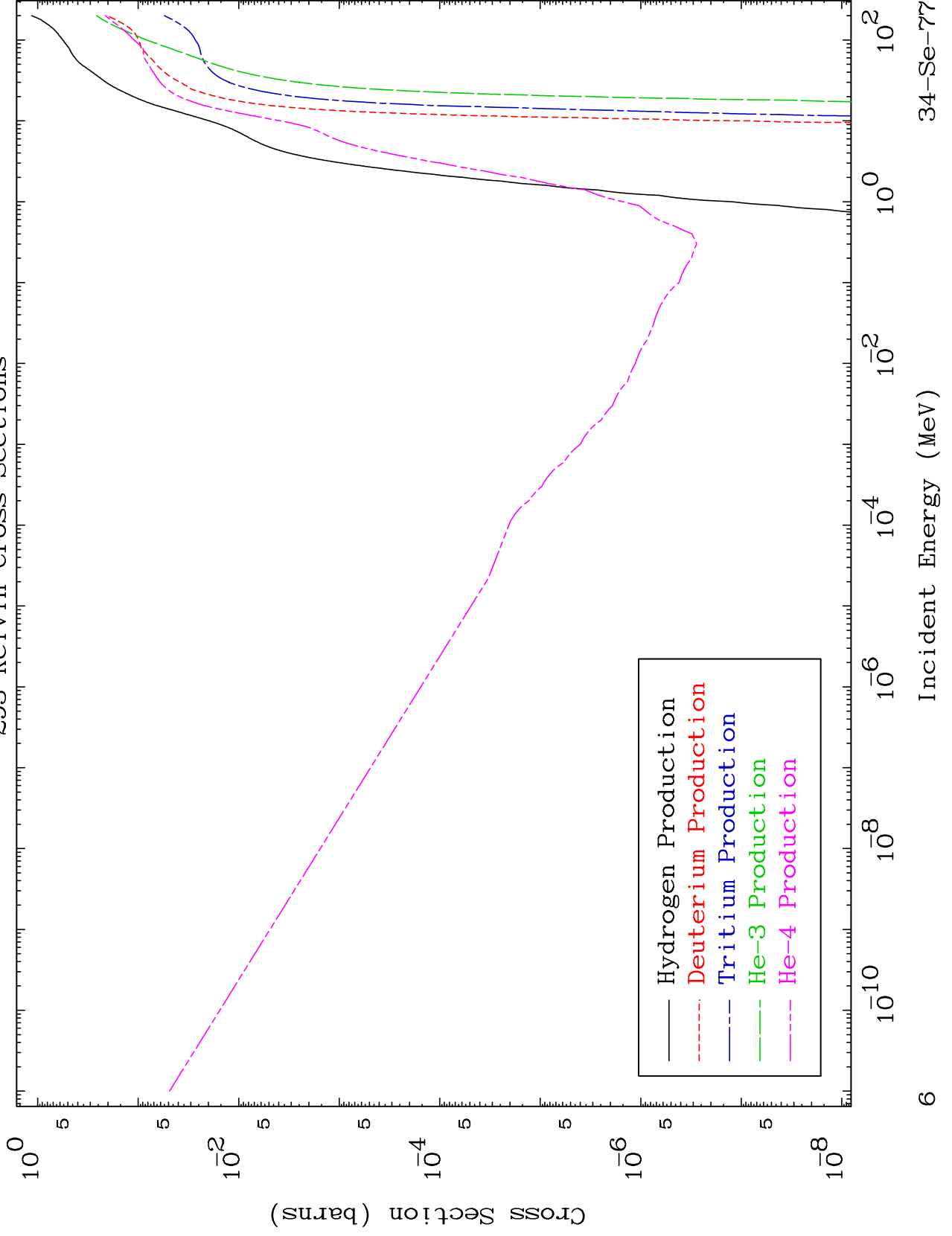
34-Se-77



MAT 3435

Particle Production
293 Kelvin Cross Sections

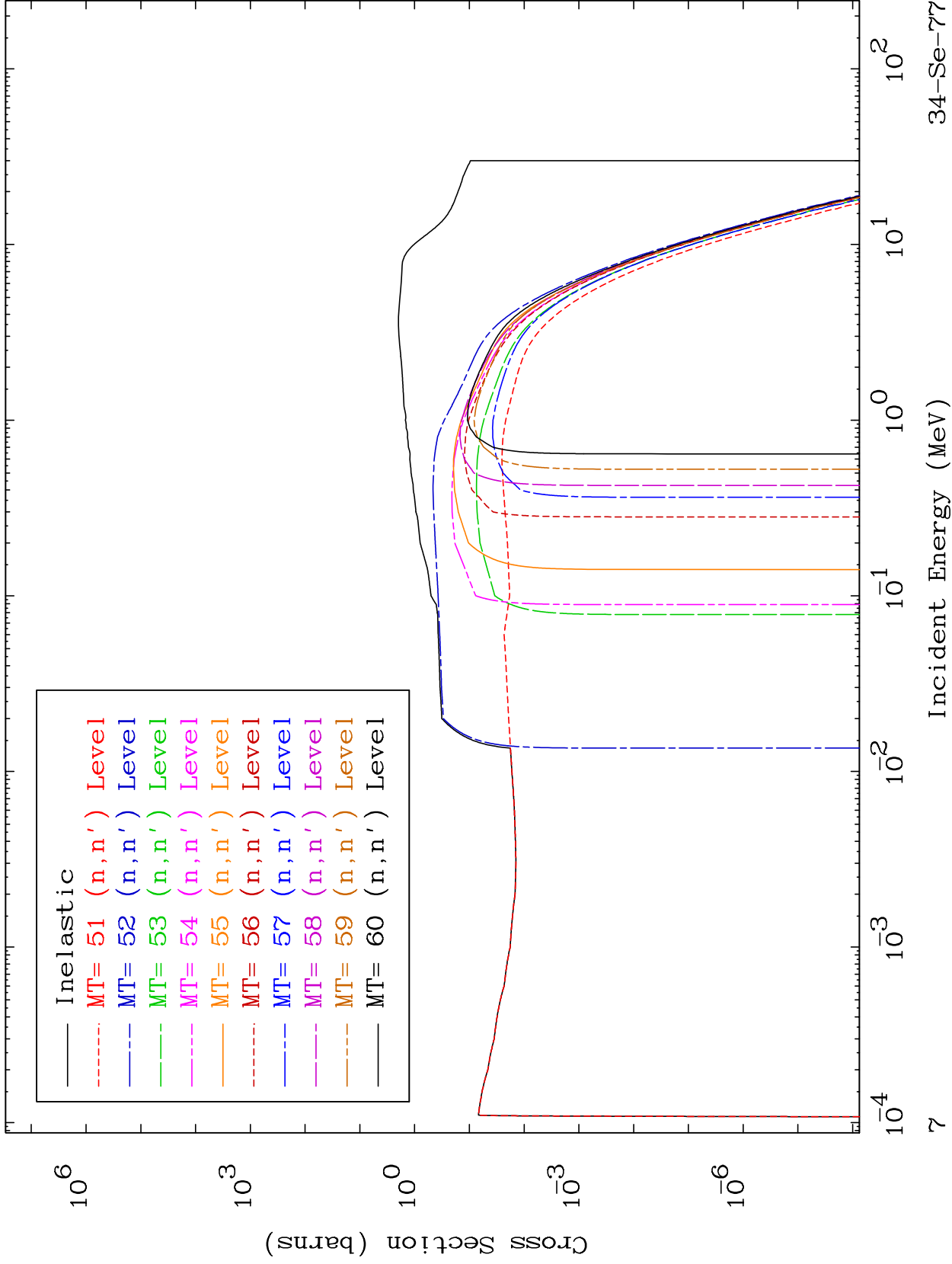
34-Se-77



MAT 3435

(n,n') Level
293 Kelvin Cross Sections

34-Se-77

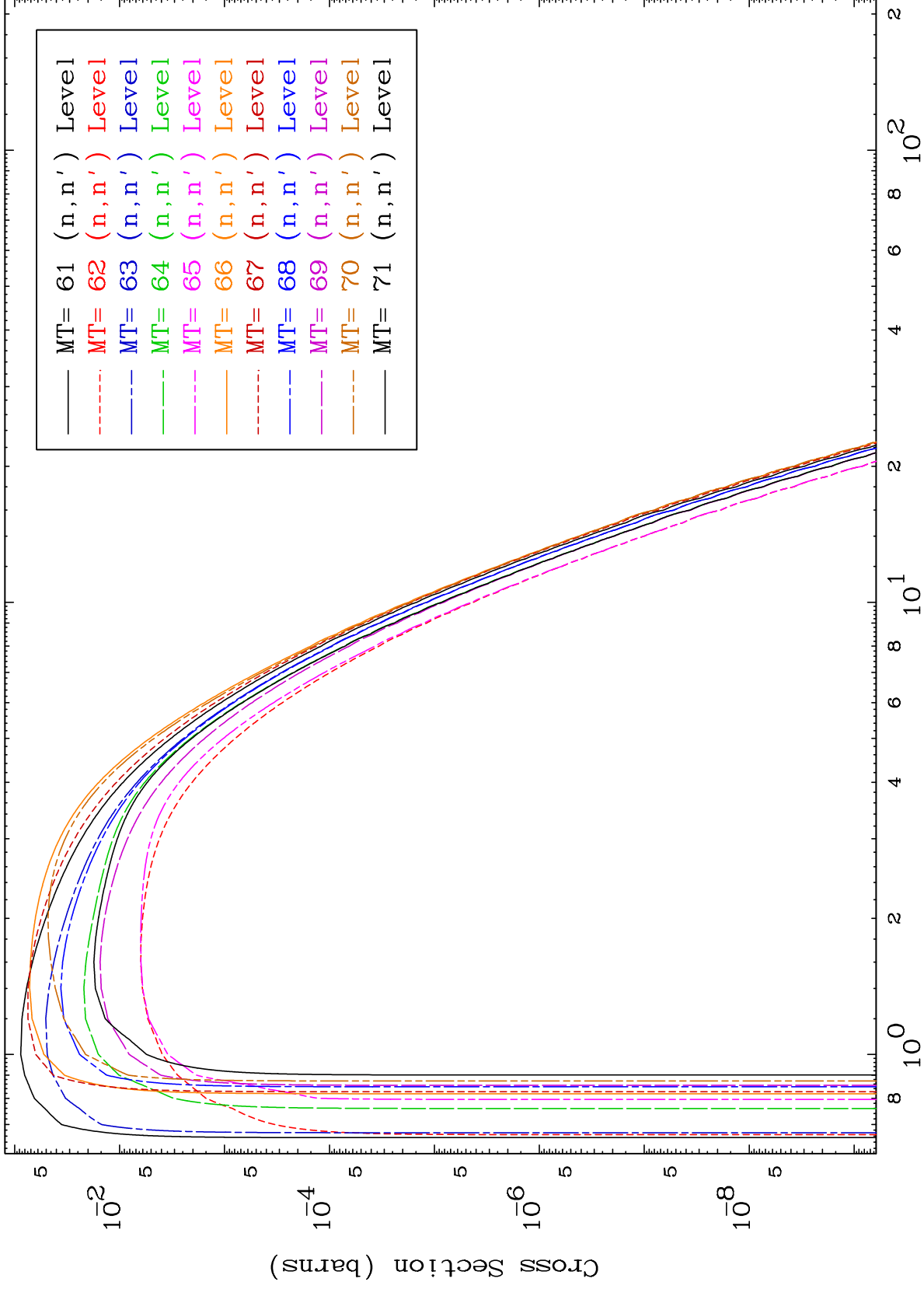


MAT 3435

(n,n') Level

34-Se-77

293 Kelvin Cross Sections



8

Incident Energy (MeV)

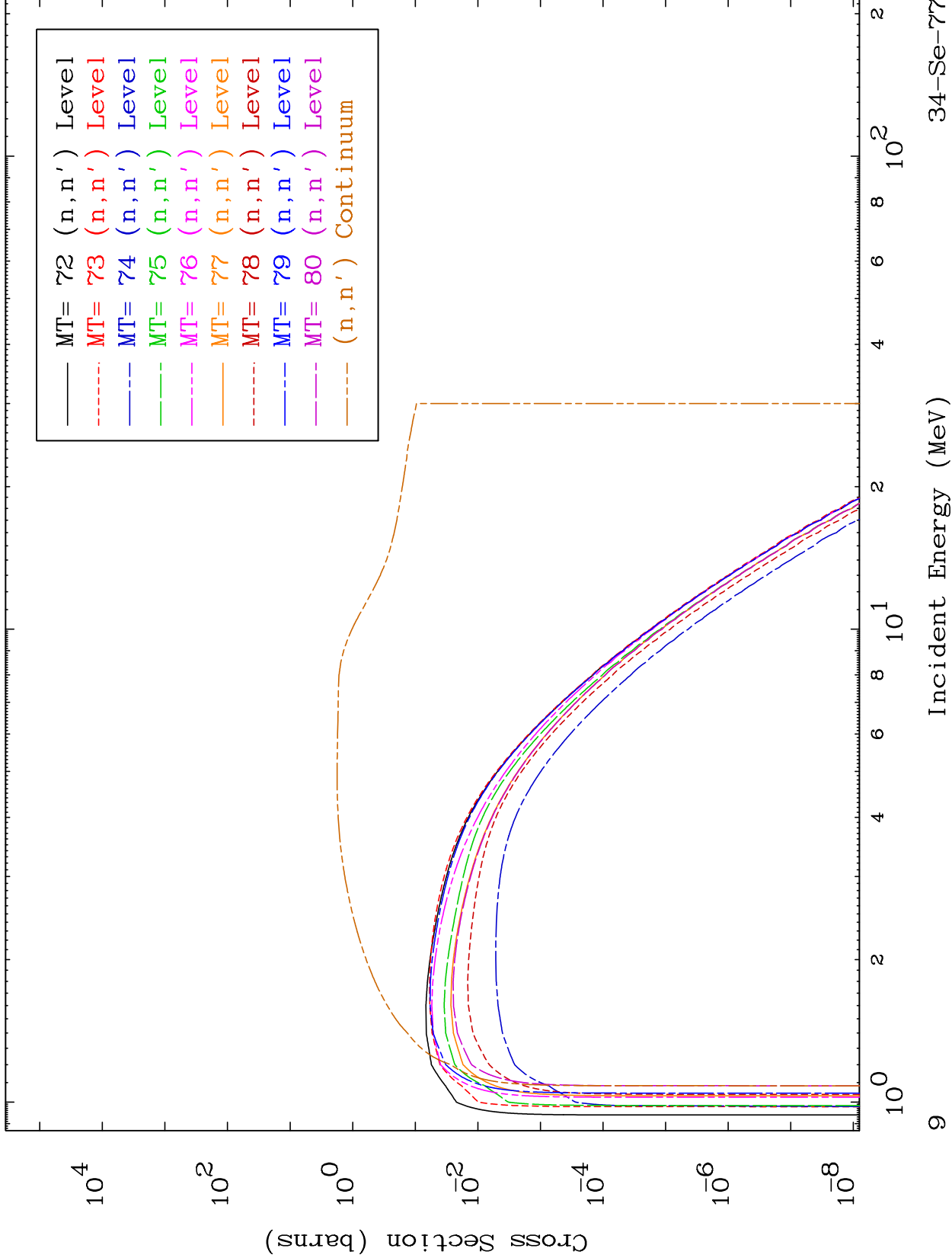
34-Se-77

MAT 3435

(n,n') Level

34-Se-77

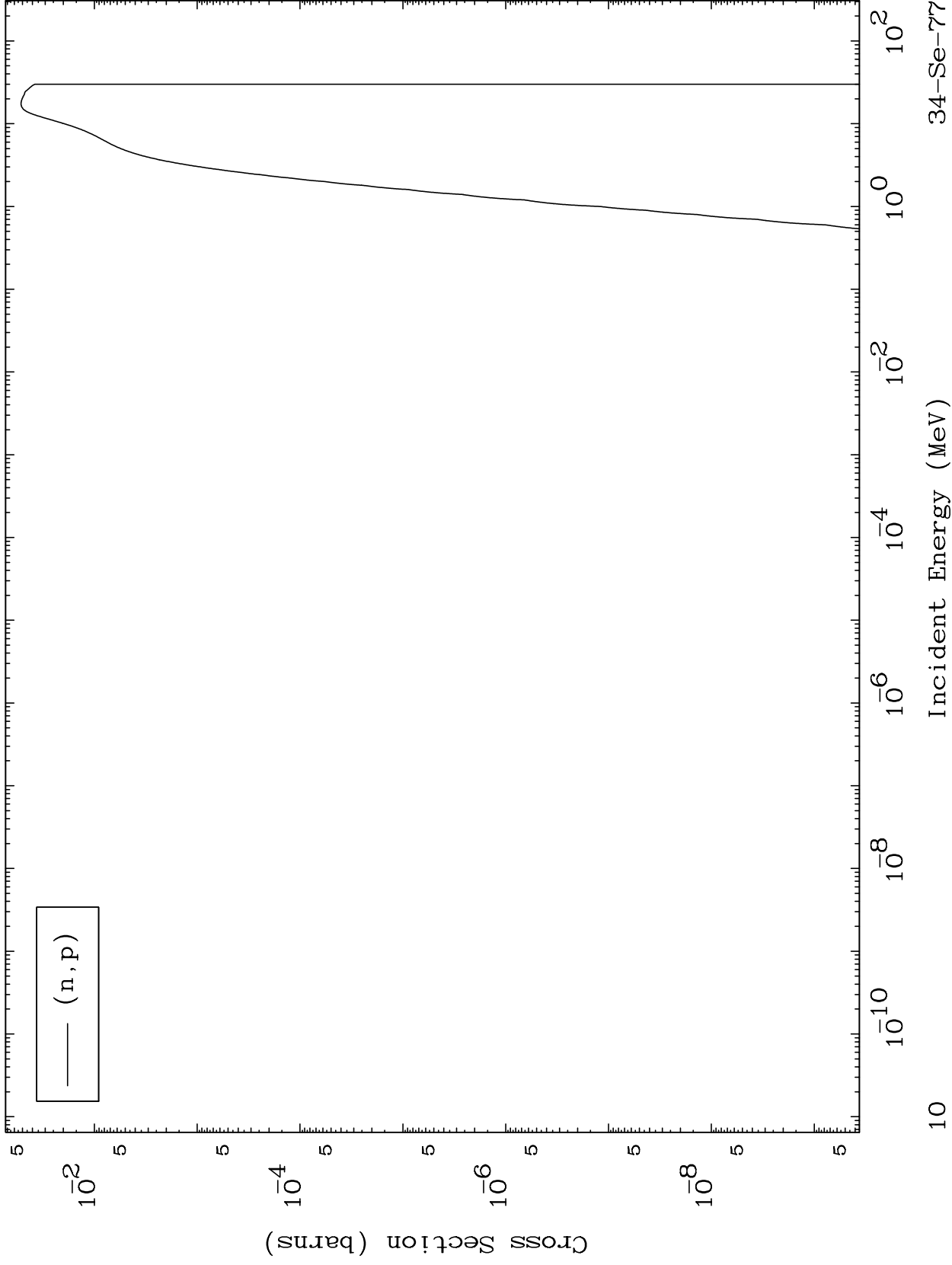
293 Kelvin Cross Sections



MAT 3435

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-77



10

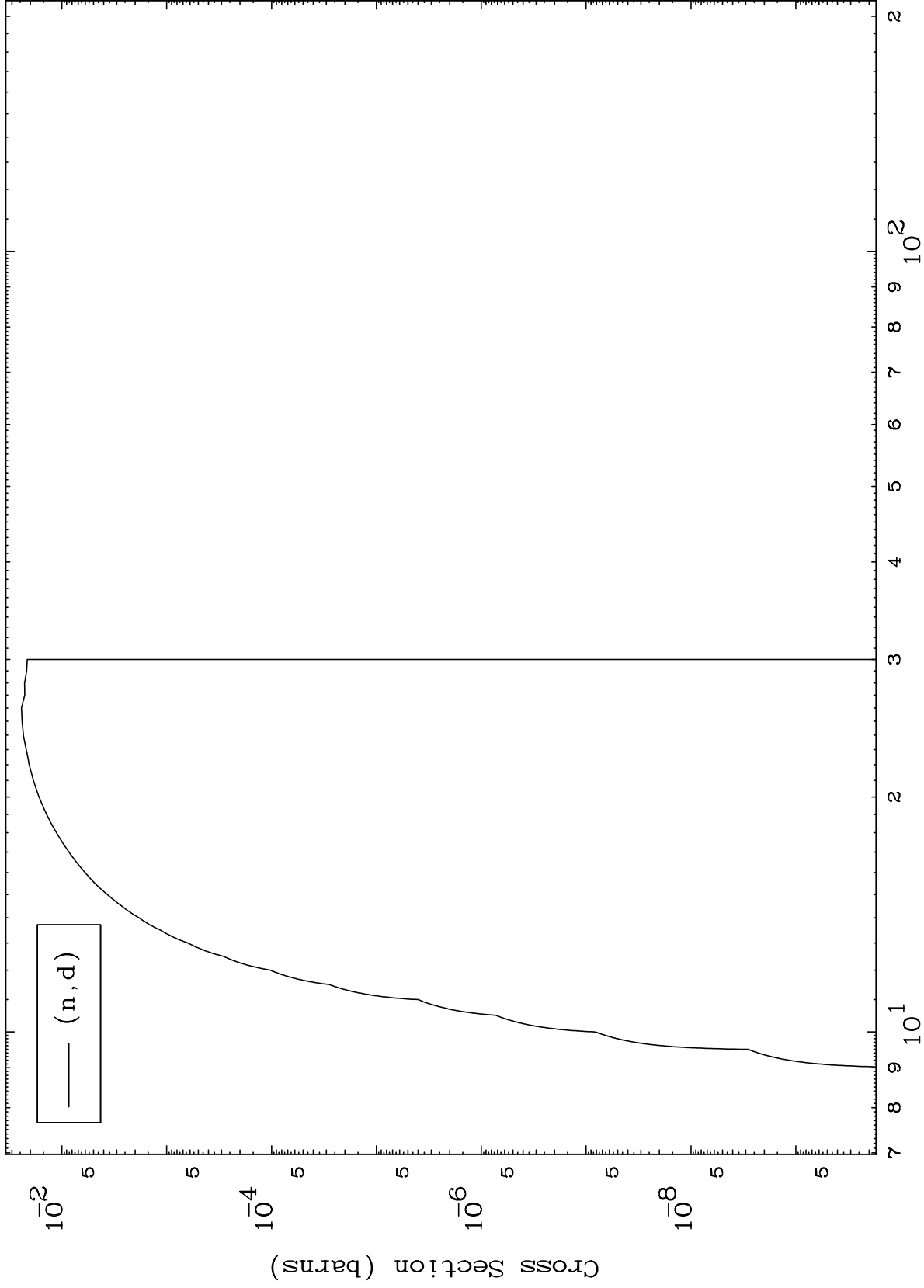
Incident Energy (MeV)

³⁴Se-77

MAT 3435

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-77



11

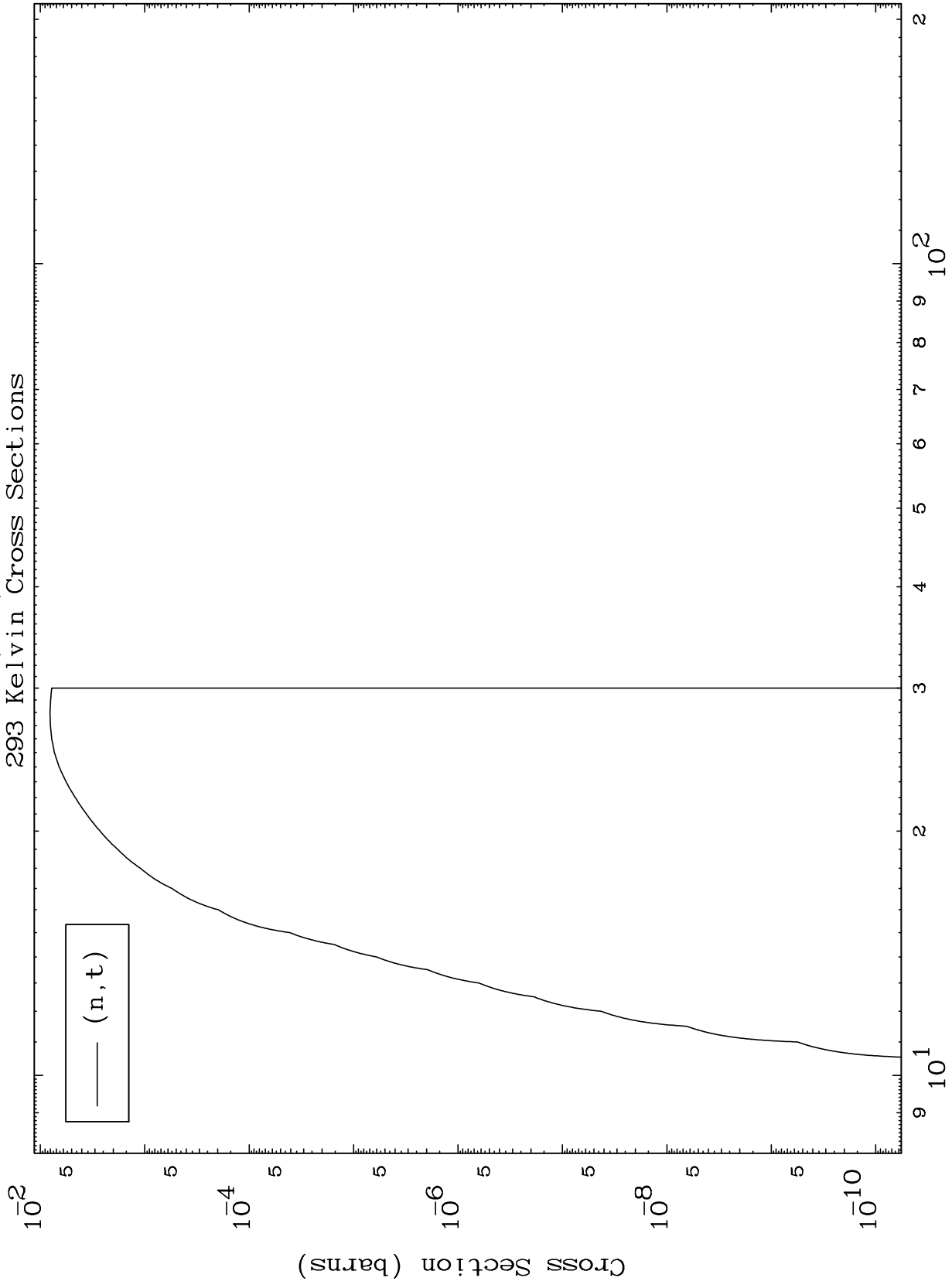
Incident Energy (MeV)

³⁴Se-77

MAT 3435

(n,t) Levels
293 Kelvin Cross Sections

34-Se-77



12

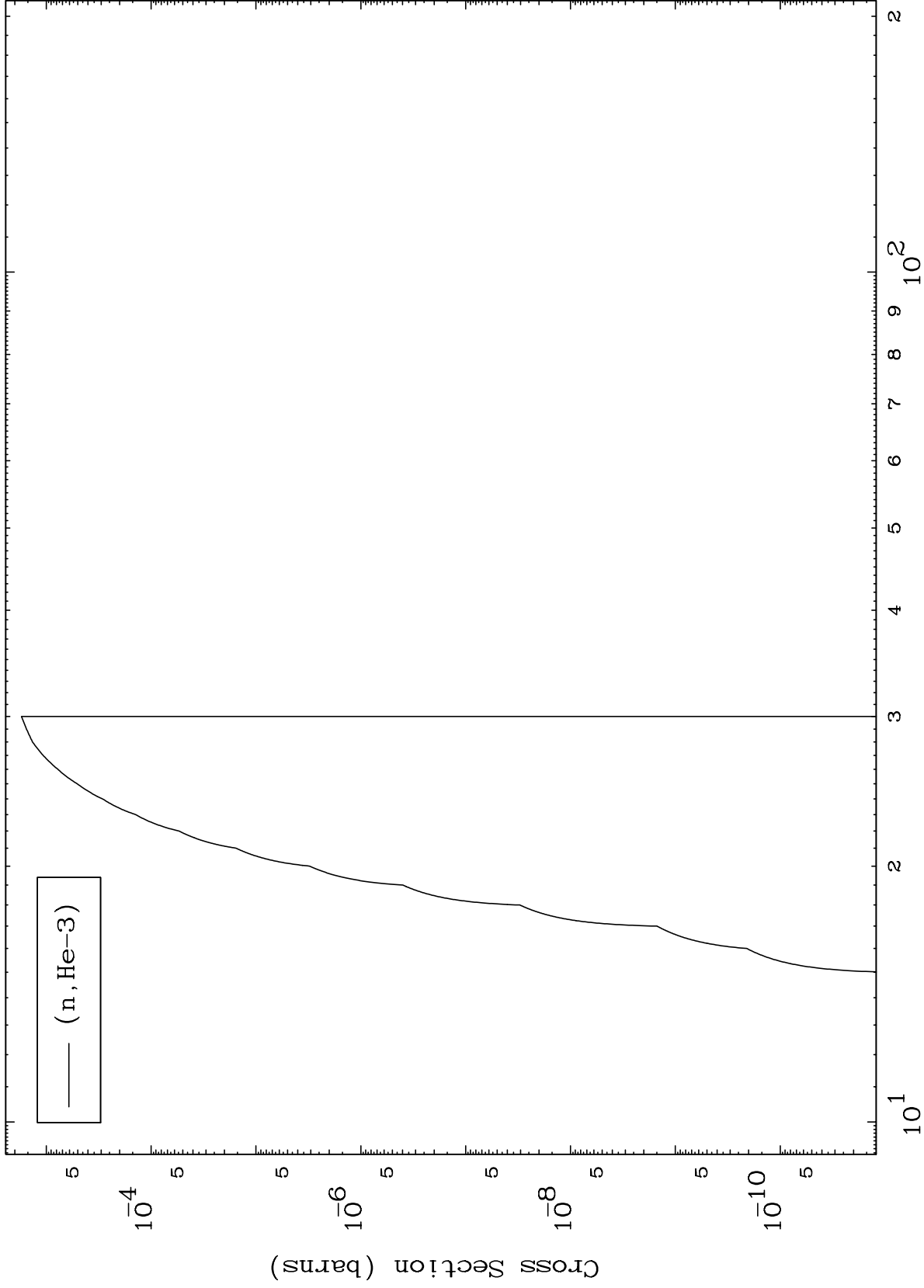
Incident Energy (MeV)

34-Se-77

MAT 3435

(n,He3) Levels
293 Kelvin Cross Sections

34-Se-77



Incident Energy (MeV)

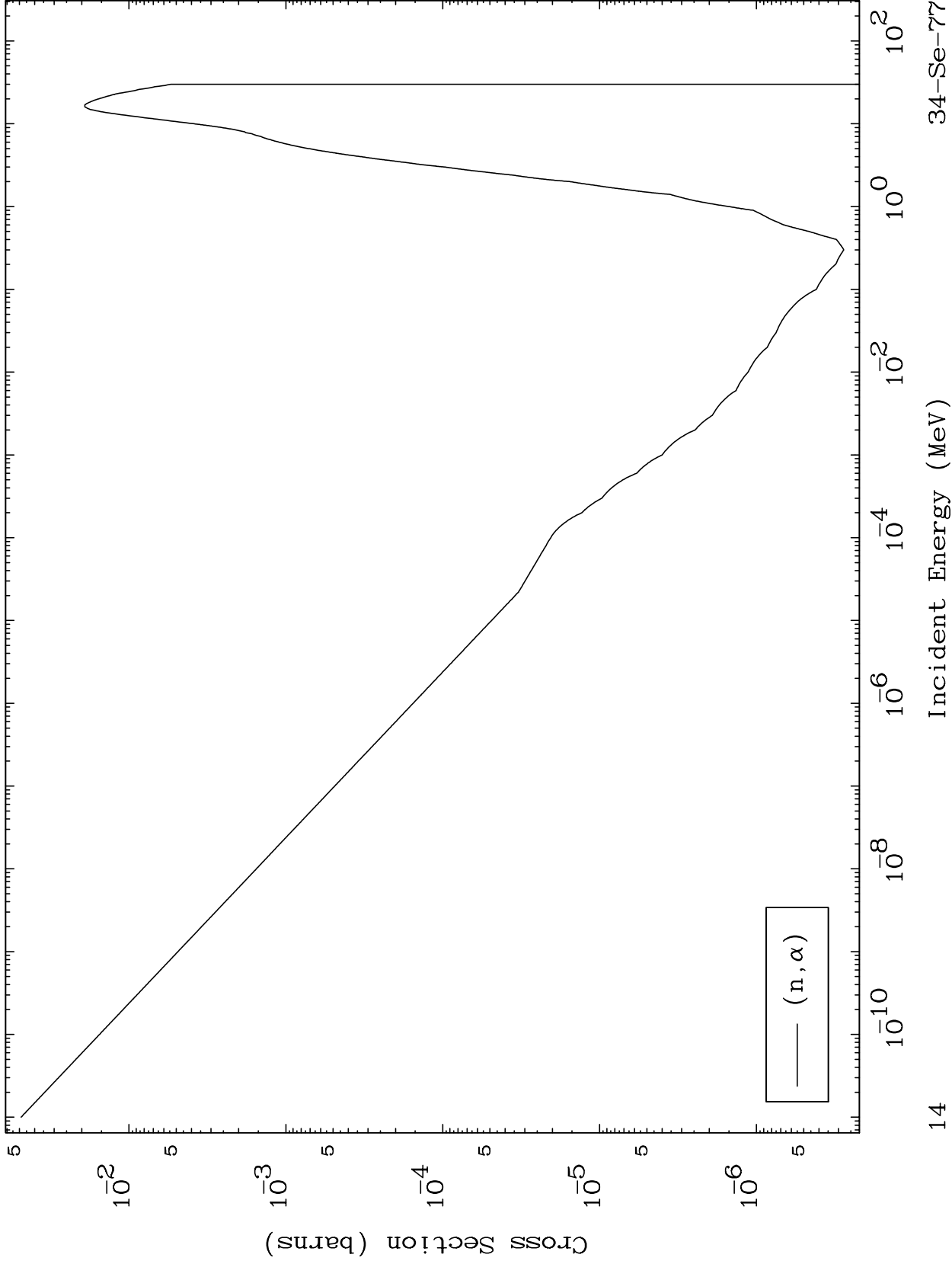
34-Se-77

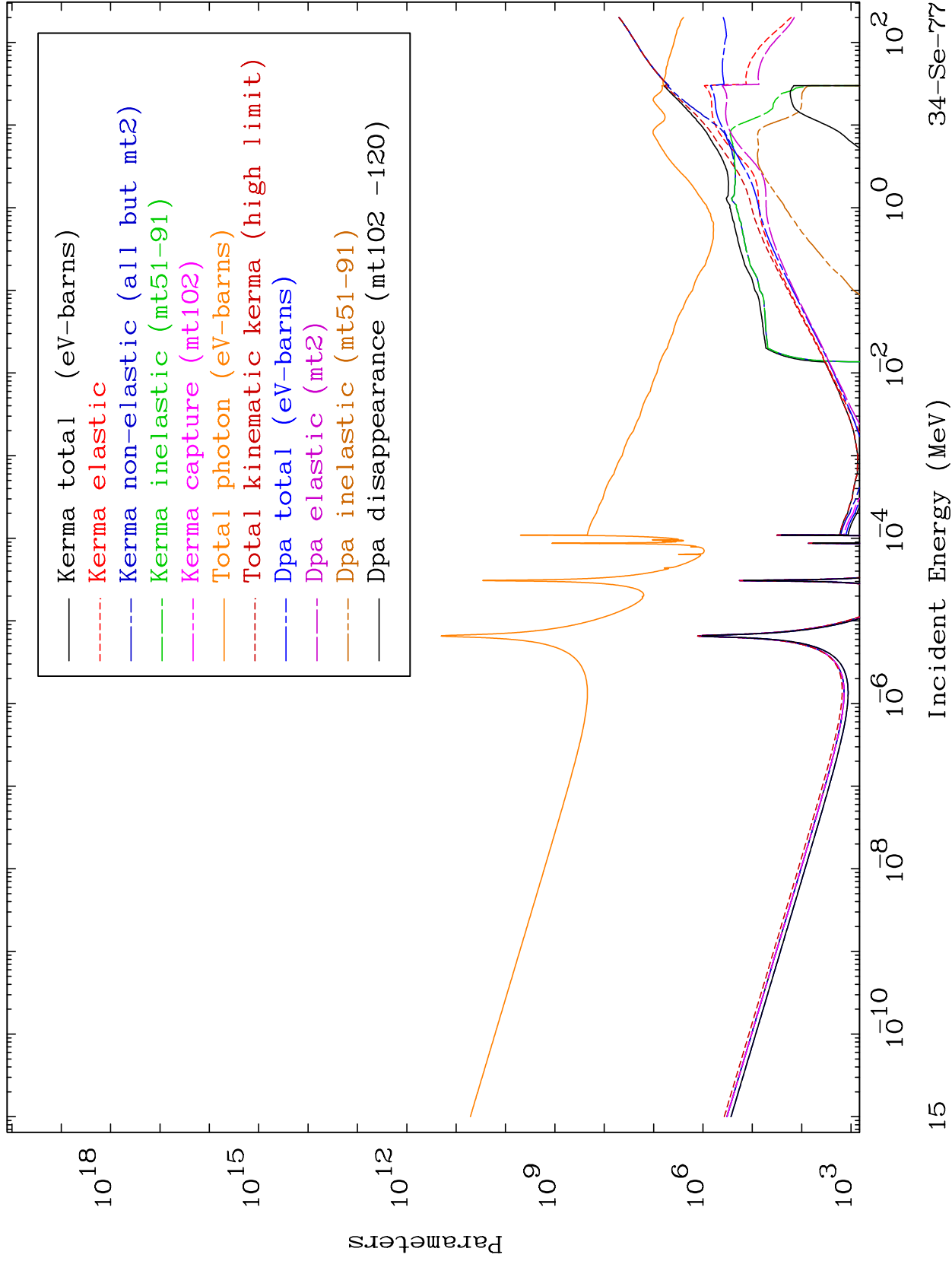
13

MAT 3435

(n,α) Levels
293 Kelvin Cross Sections

34-Se-77

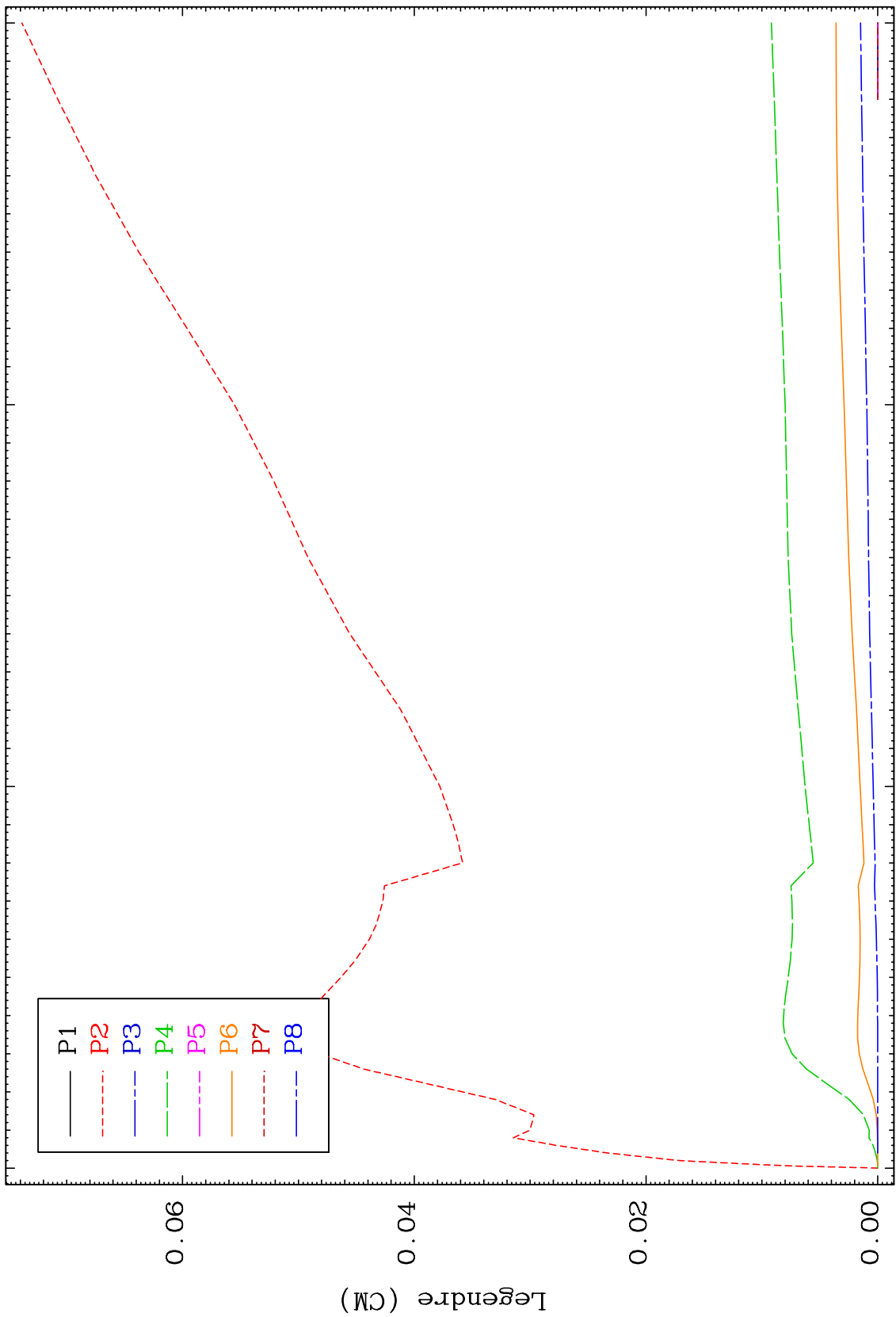




MAT 3435

Elastic Legendre Coefficients

³⁴Se-77



16

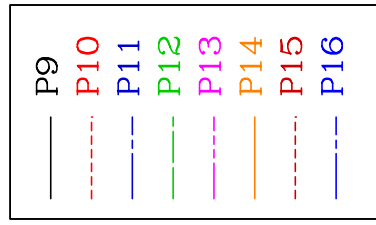
Incident Energy (MeV)

³⁴Se-77

MAT 3435

Elastic
Legendre Coefficients

³⁴Se-77



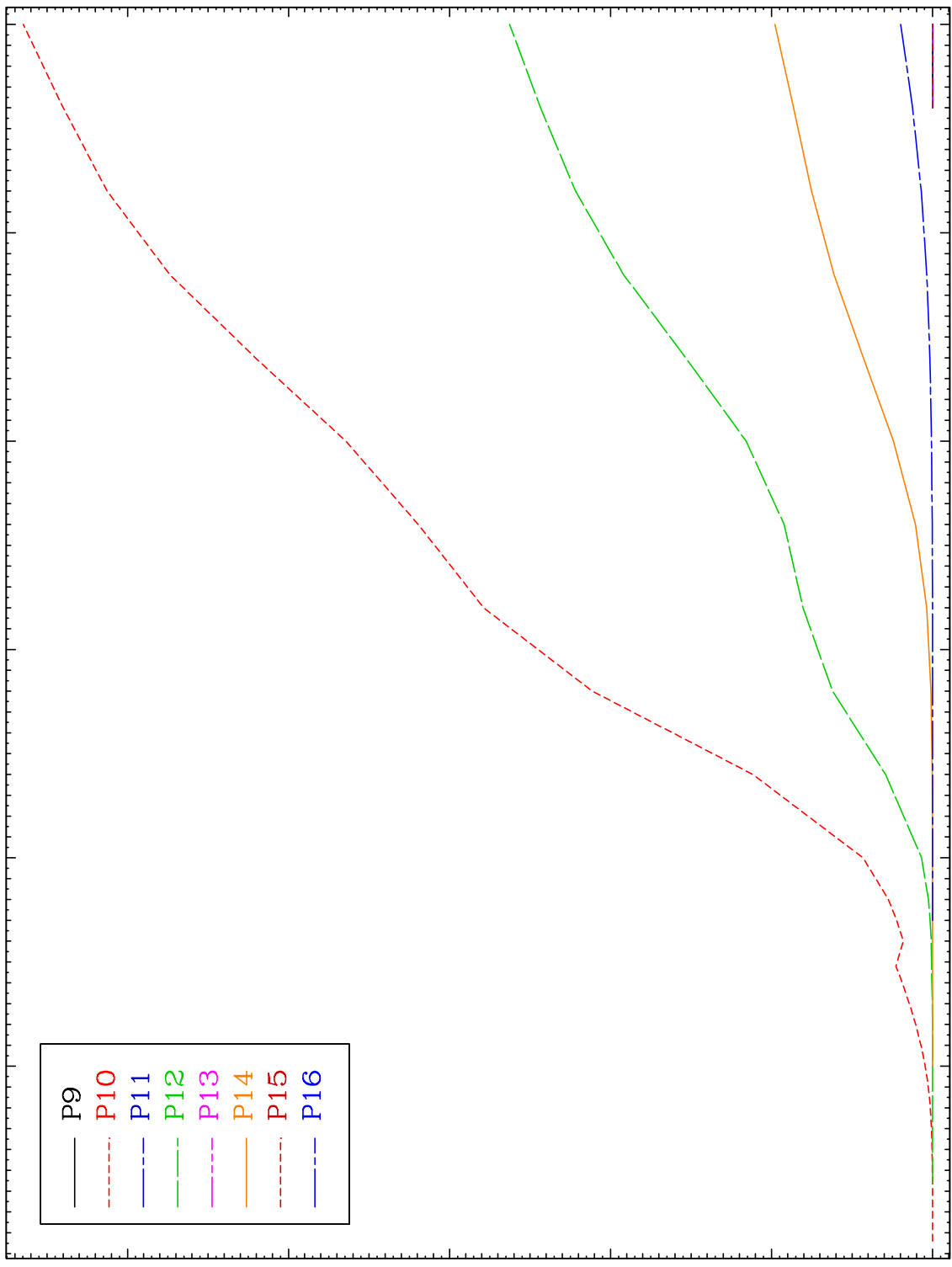
$\times 10^{-4}$

Legendre (CM)

17

Incident Energy (MeV)

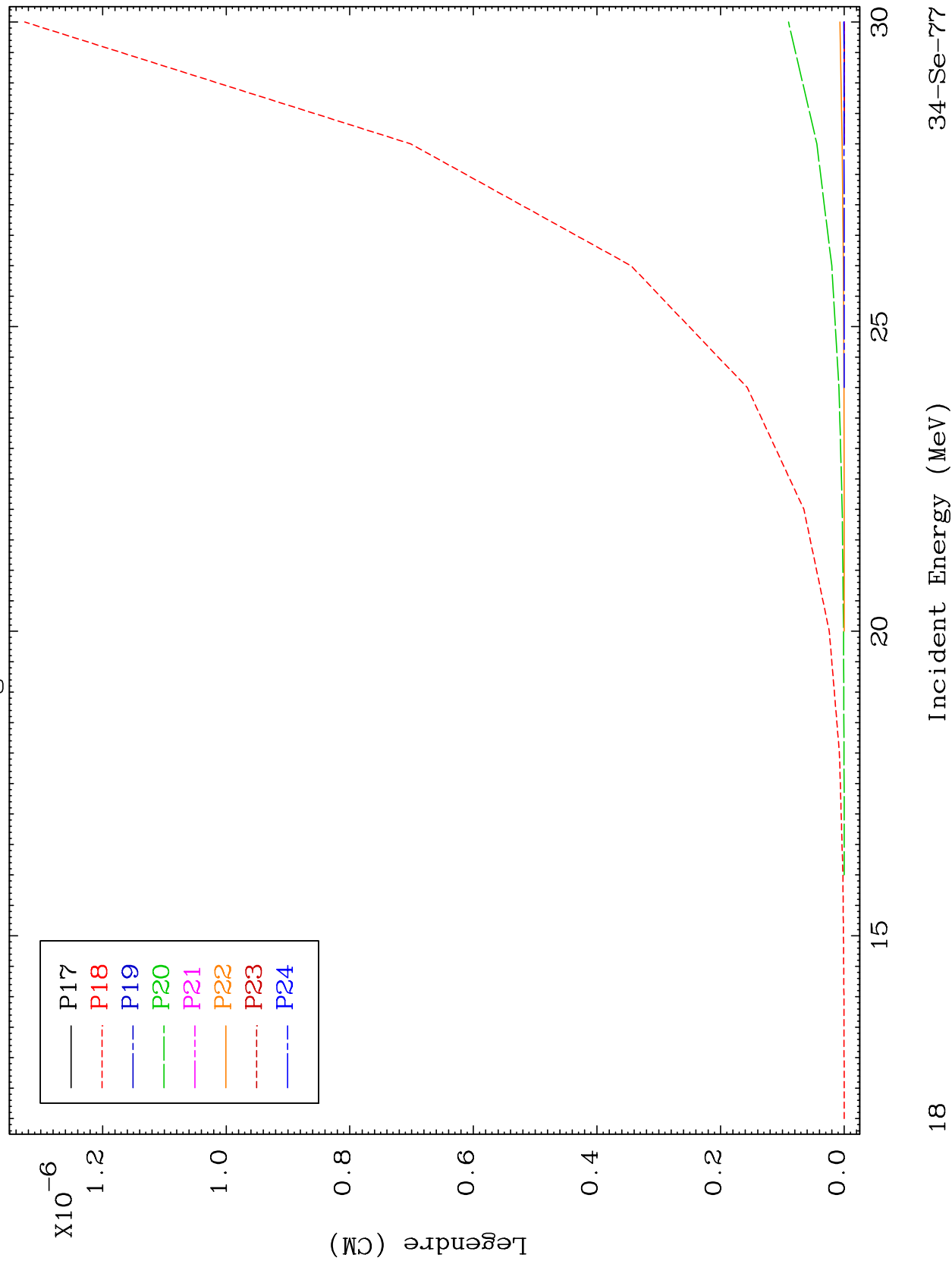
³⁴Se-77



MAT 3435

Elastic Legendre Coefficients

³⁴Se-77



18

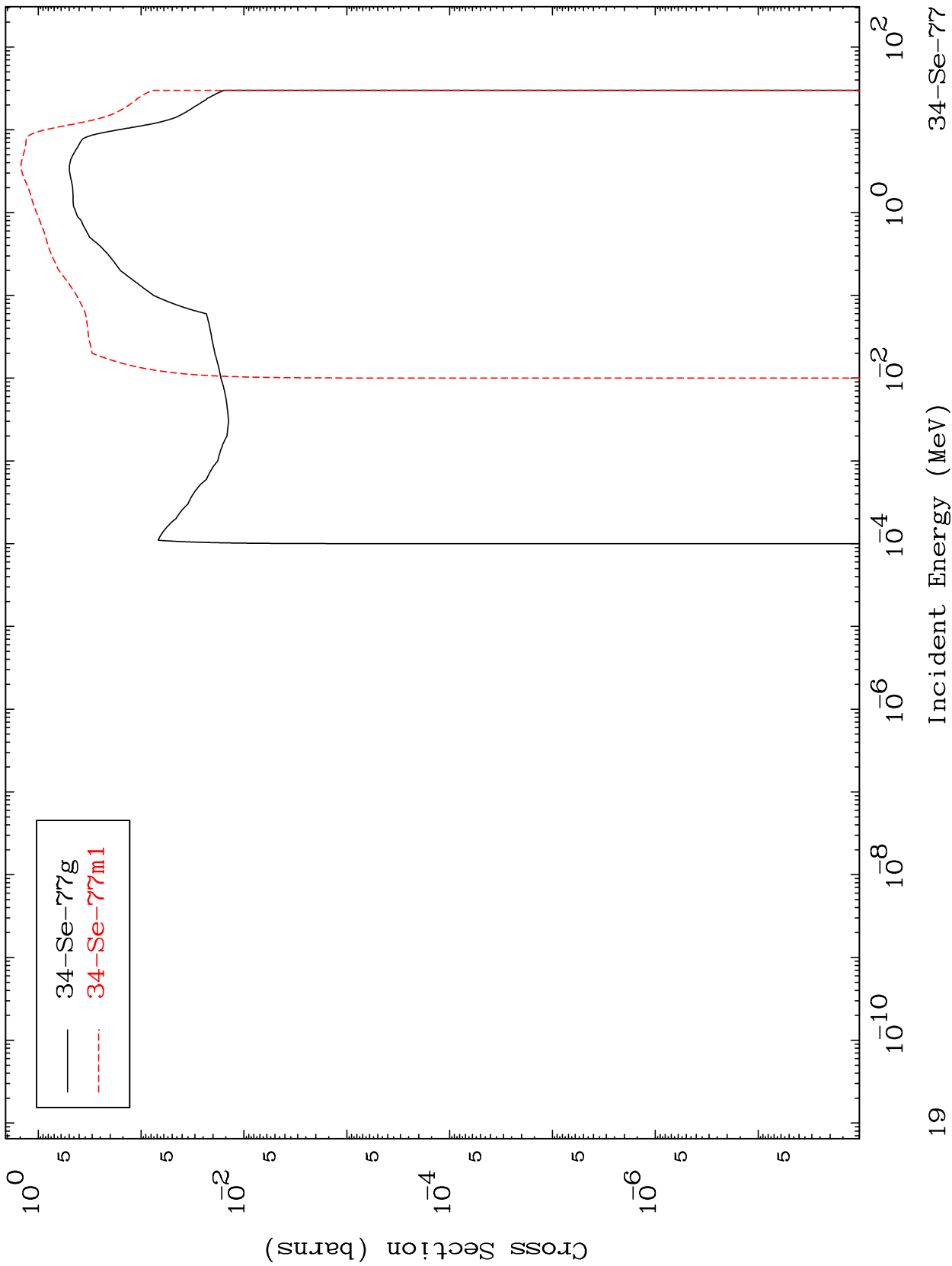
Incident Energy (MeV)

³⁴Se-77

MAT 3435

³⁴Se-77

Inelastic
Radionuclide Production Cross Section

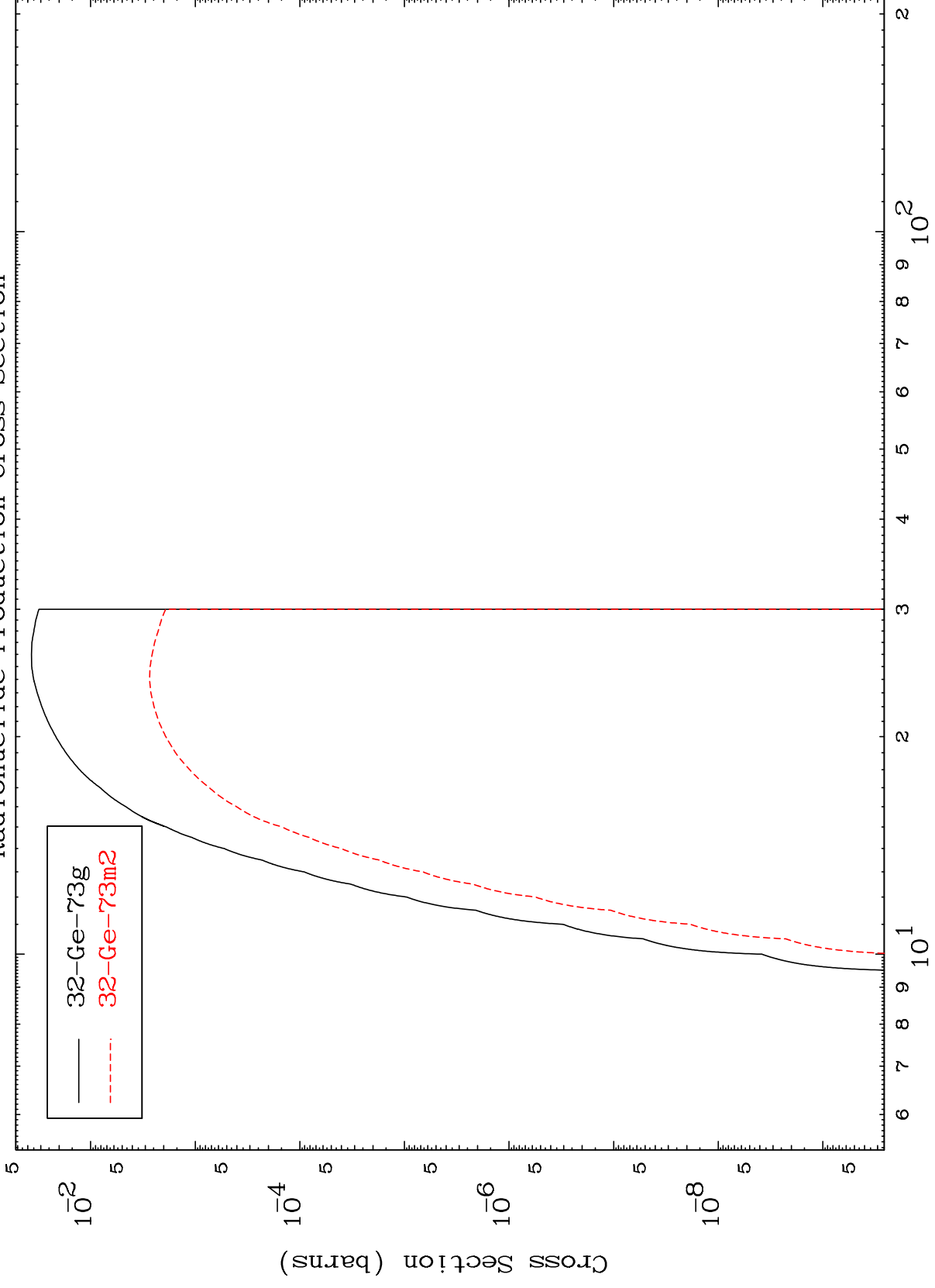


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$(n, n') \alpha$

$^{34}\text{Se-77}$

Radionuclide Production Cross Section



— $^{32}\text{Ge-73g}$
- - - $^{32}\text{Ge-73m2}$

20

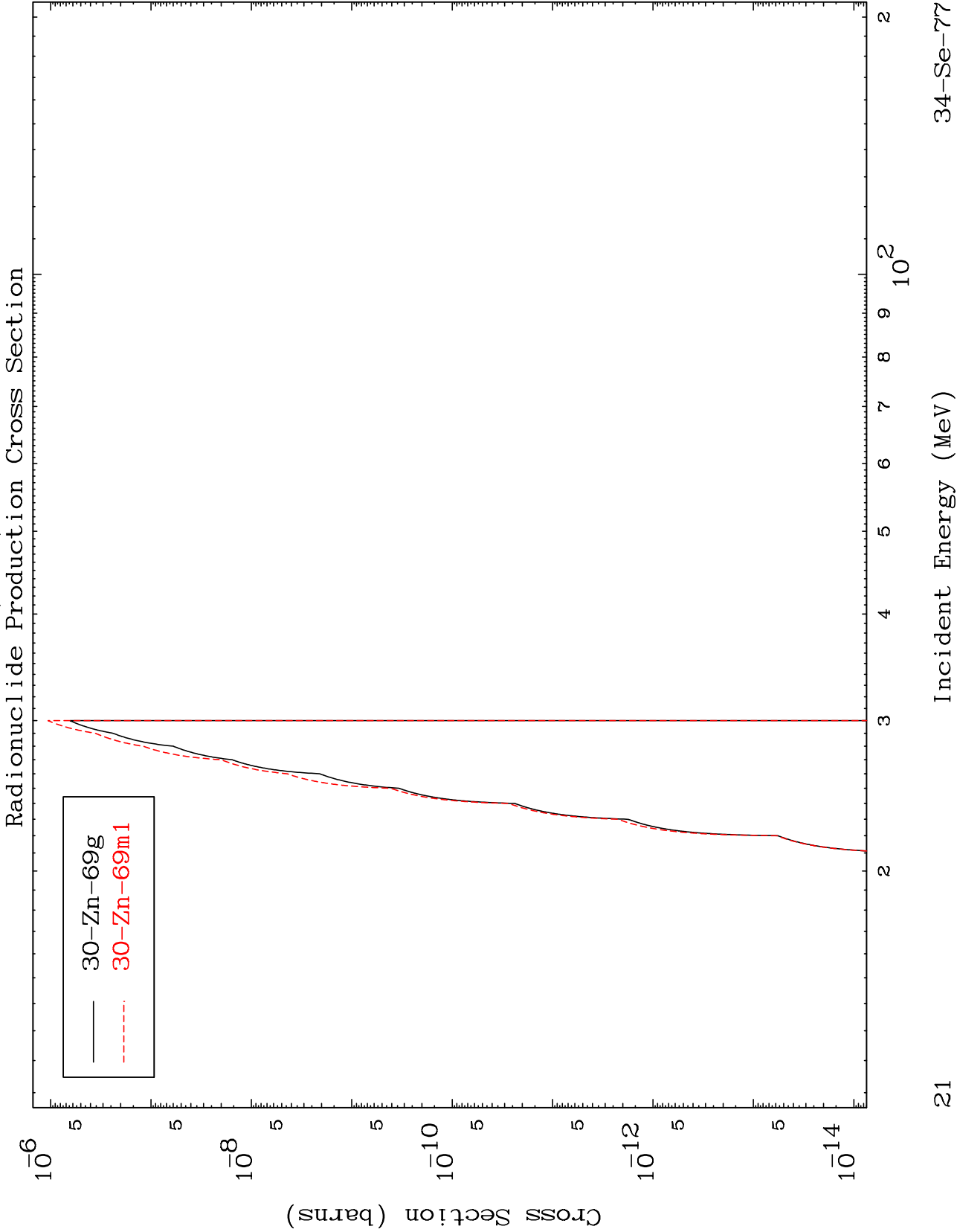
Incident Energy (MeV)

$^{34}\text{Se-77}$

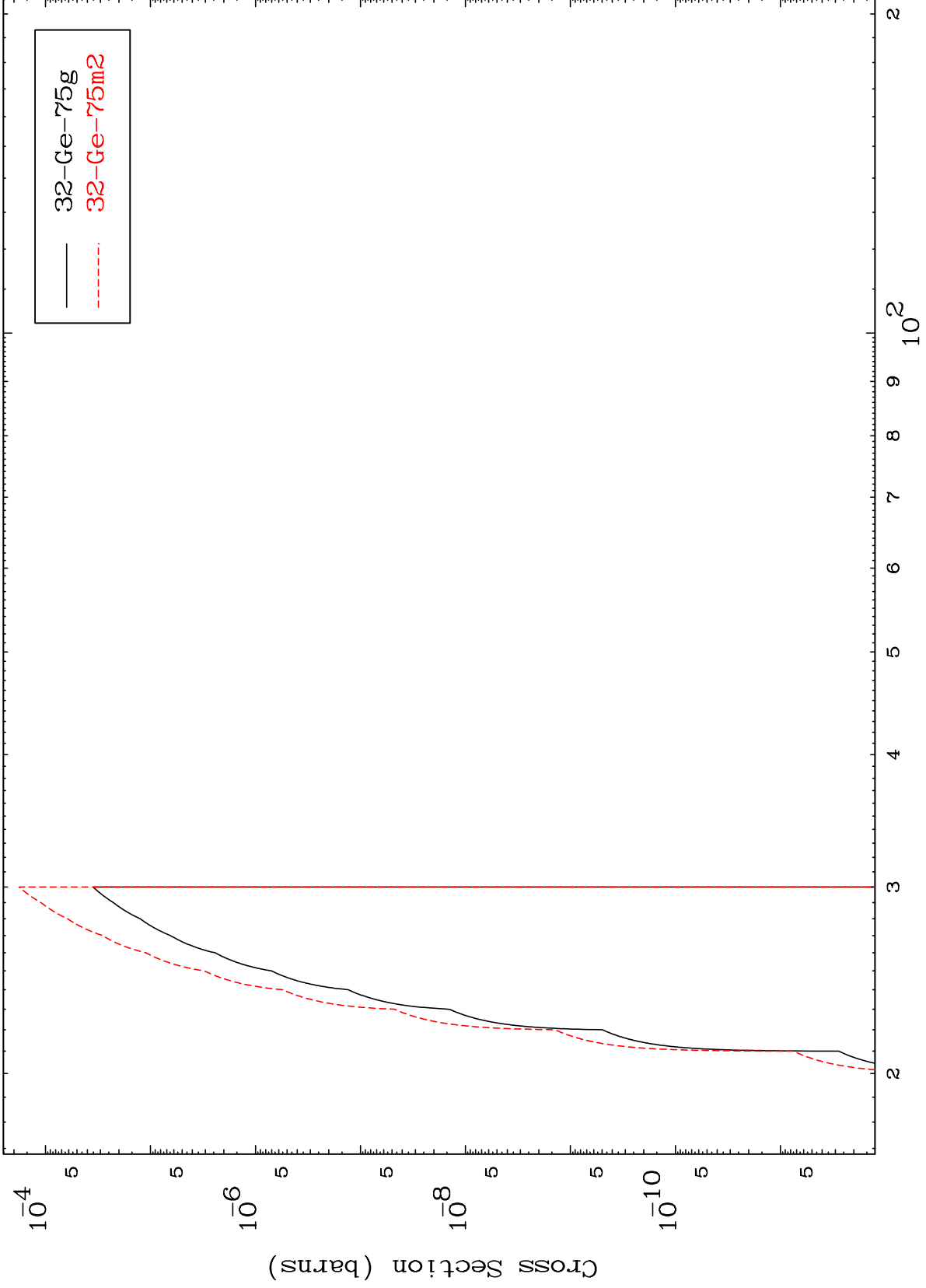
MAT 3435

(n,n') 2α

34-Se-77



Radionuclide Production Cross Section

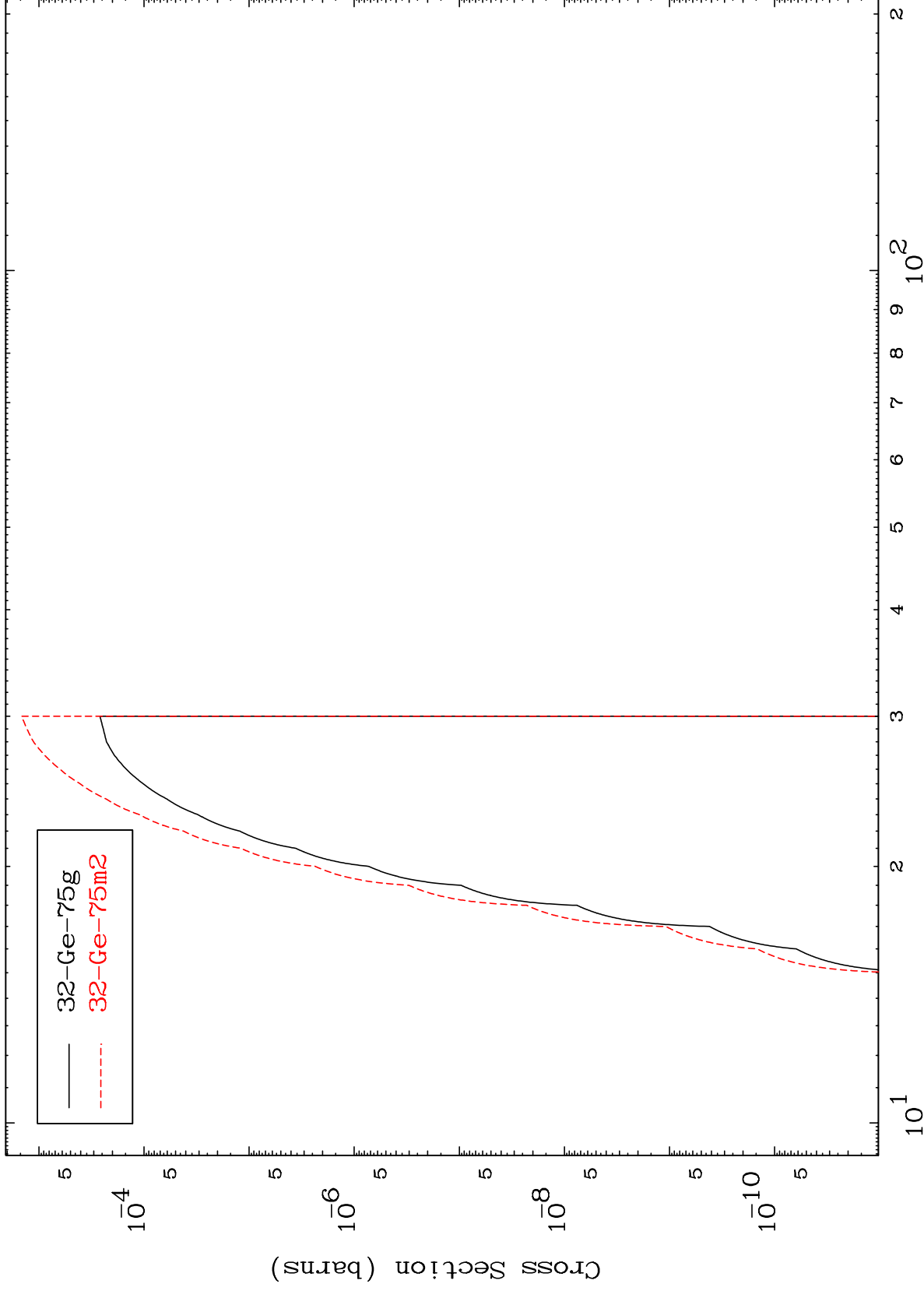


MAT 3435

(n,He-3)

34-⁷⁷Se

Radionuclide Production Cross Section



Incident Energy (MeV)

34-⁷⁷Se

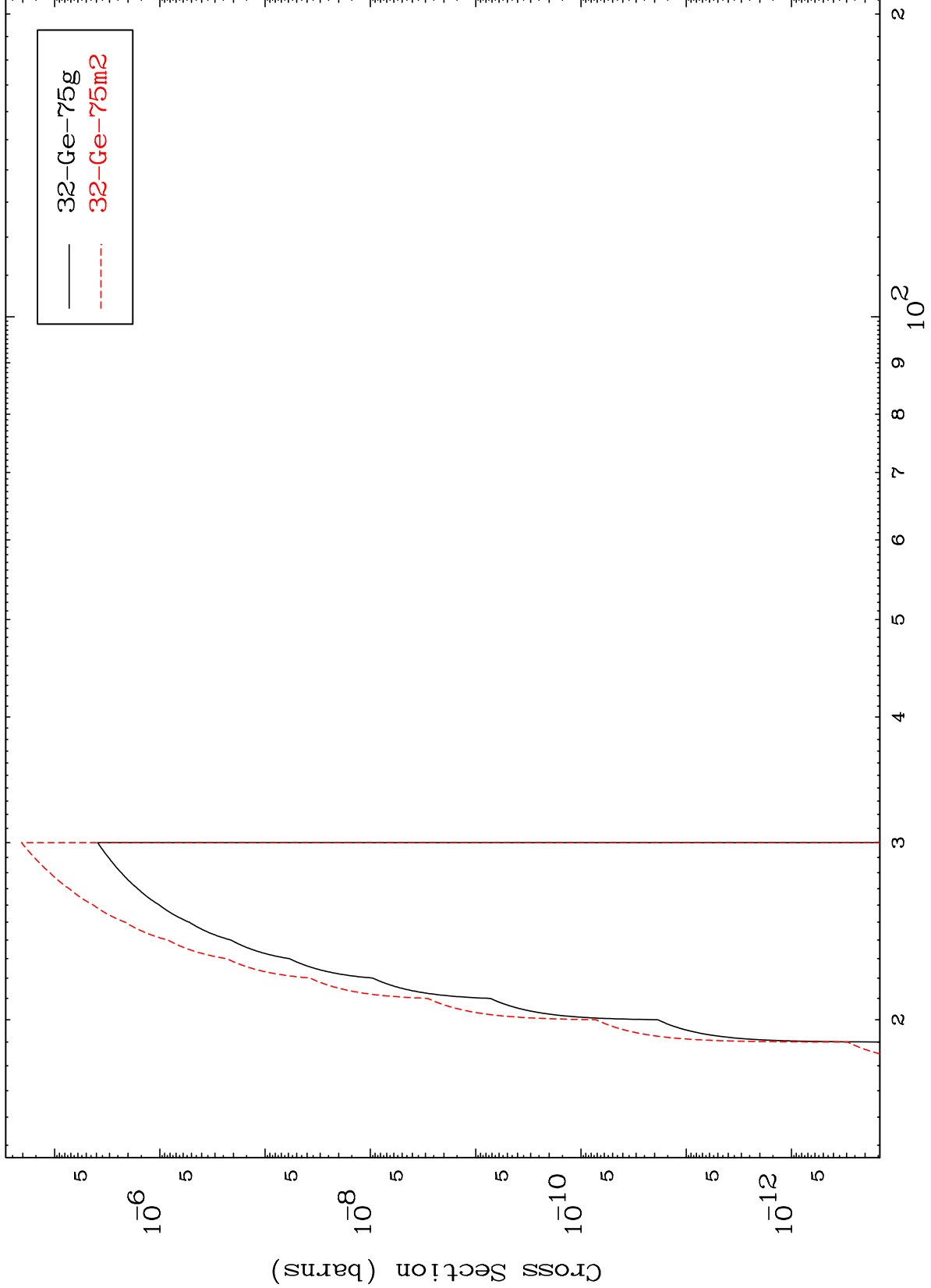
23

MAT 3435

(n,p) d

³⁴Se-77

Radionuclide Production Cross Section



32-Ge-75g
32-Ge-75m2

24

Incident Energy (MeV)

³⁴Se-77