

Program EVALPLOT
(Version 2021-1)

by

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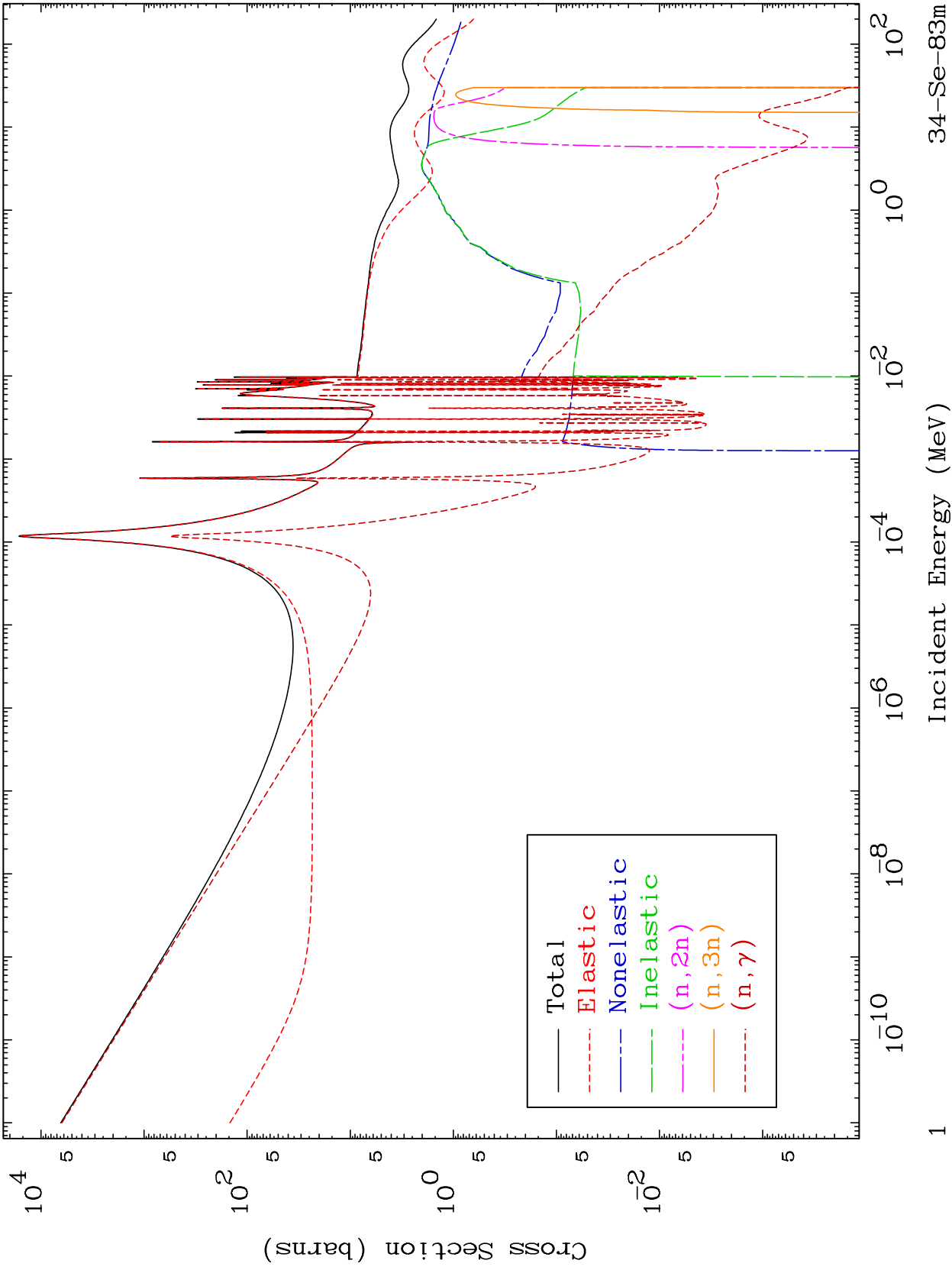
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3453

Neutron Major
293 Kelvin Cross Sections

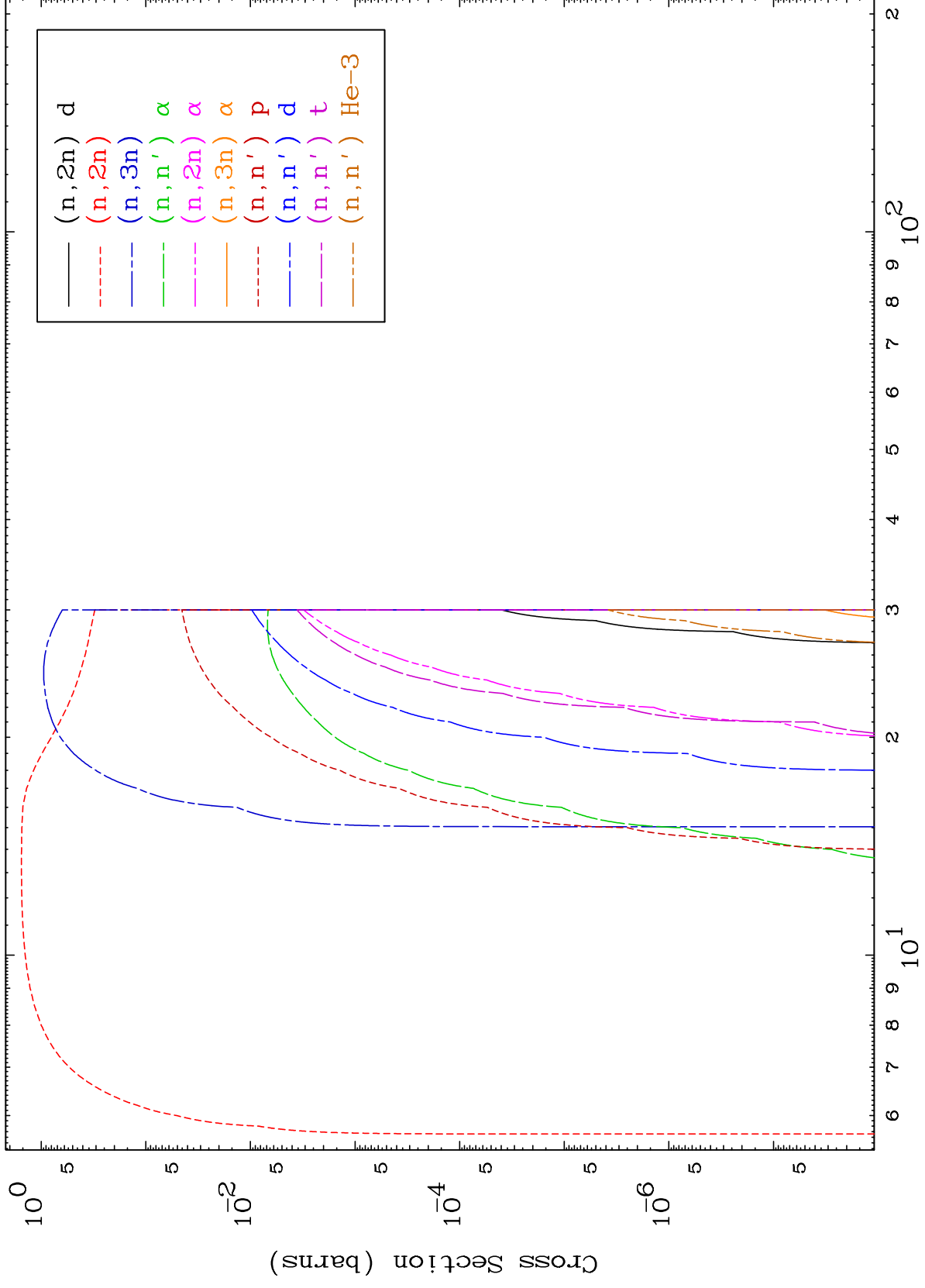
34-Se-83m



MAT 3453

Neutron Absorption
293 Kelvin Cross Sections

34-Se-83m



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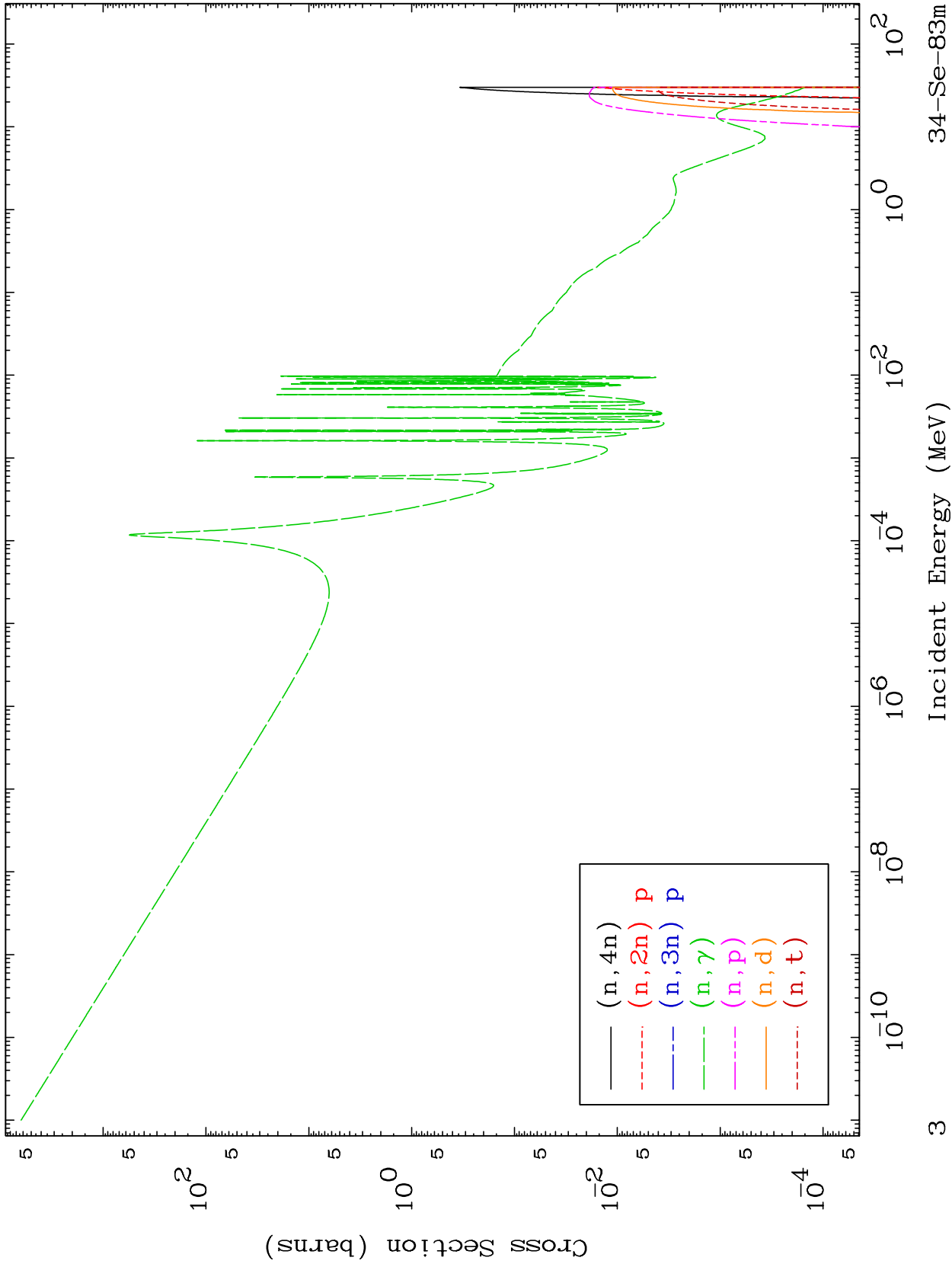
Incident Energy (MeV)

34-Se-83m

MAT 3453

Neutron Absorption
293 Kelvin Cross Sections

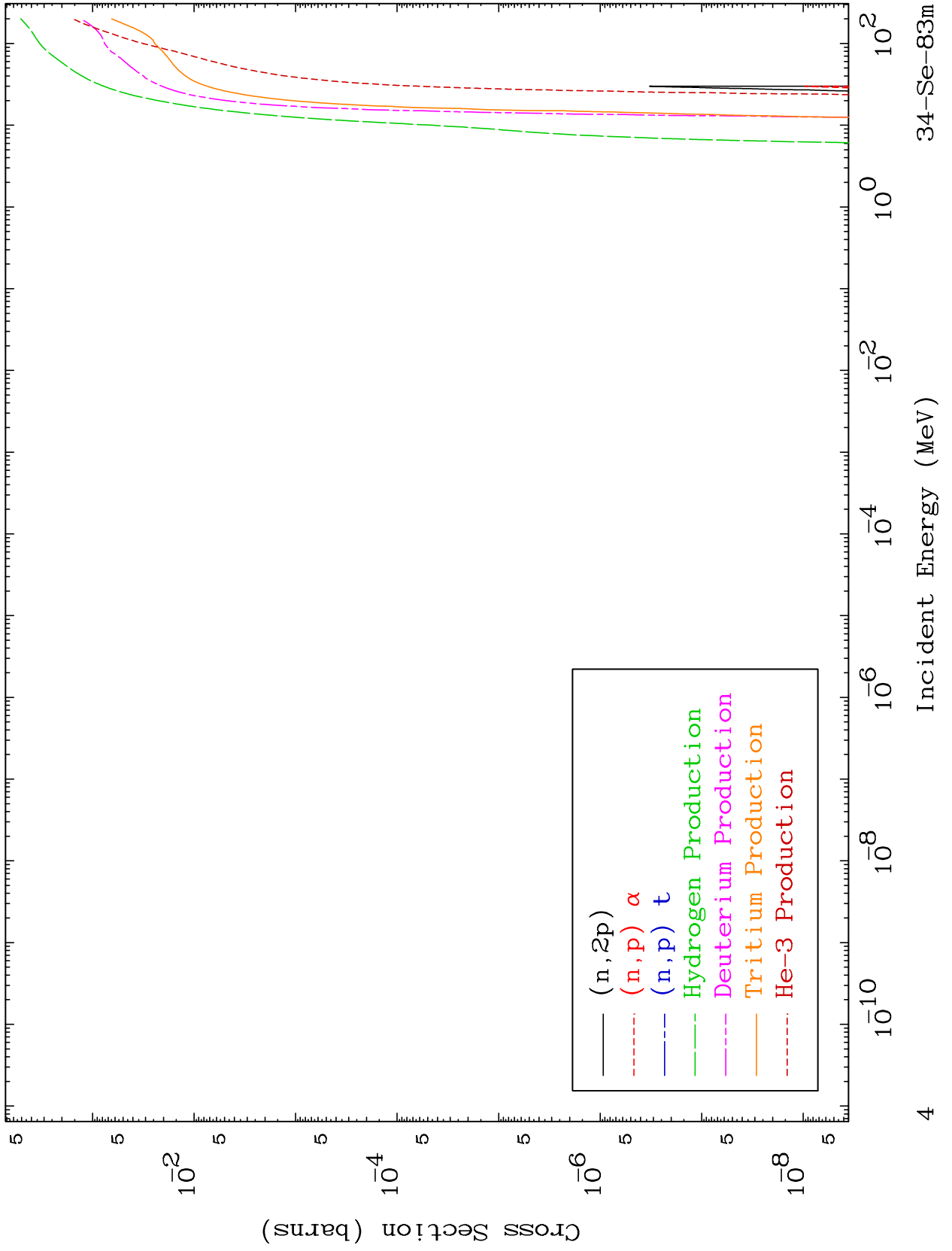
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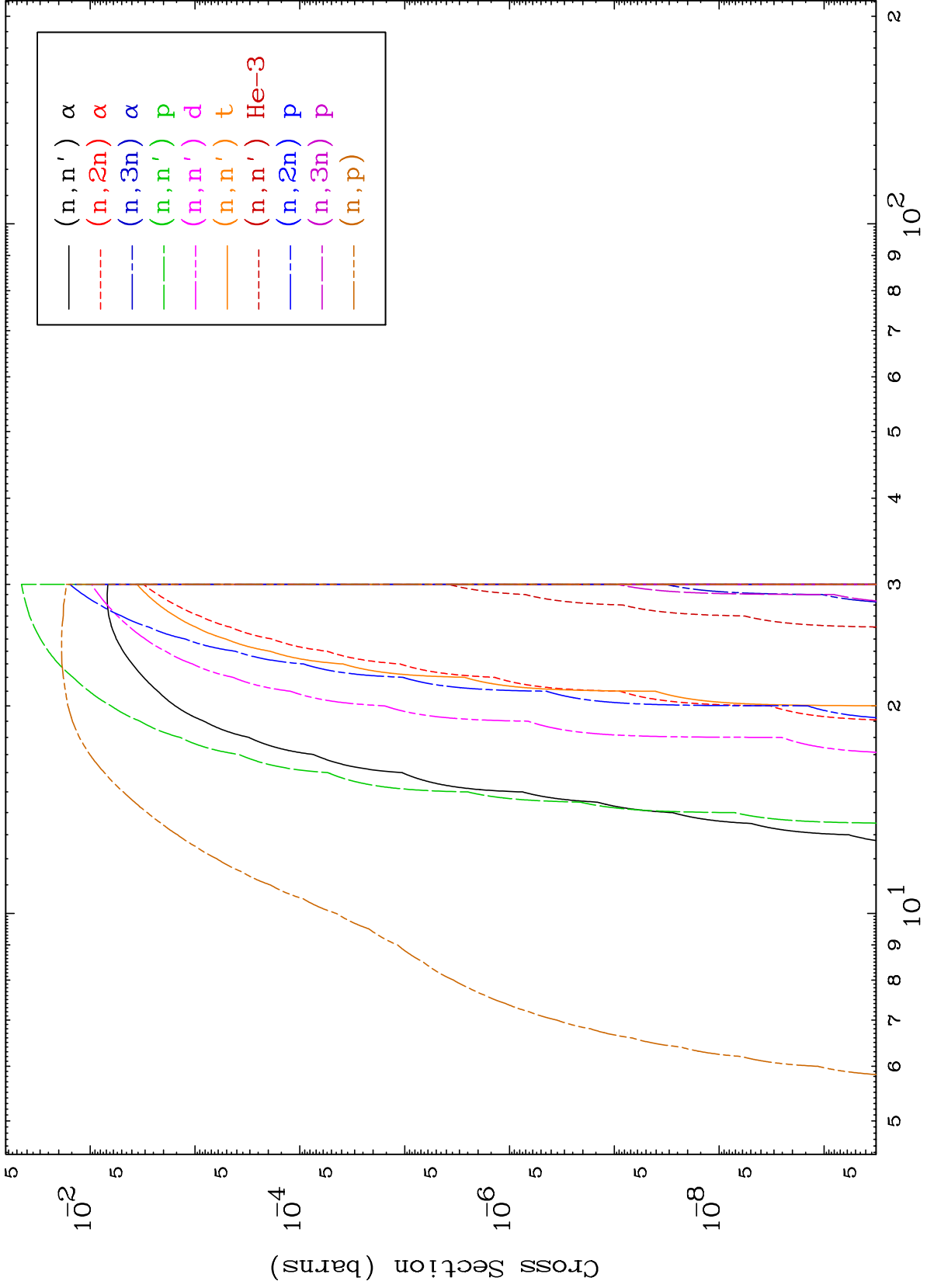


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Neutron Absorption
293 Kelvin Cross Sections

³⁴Se-83m

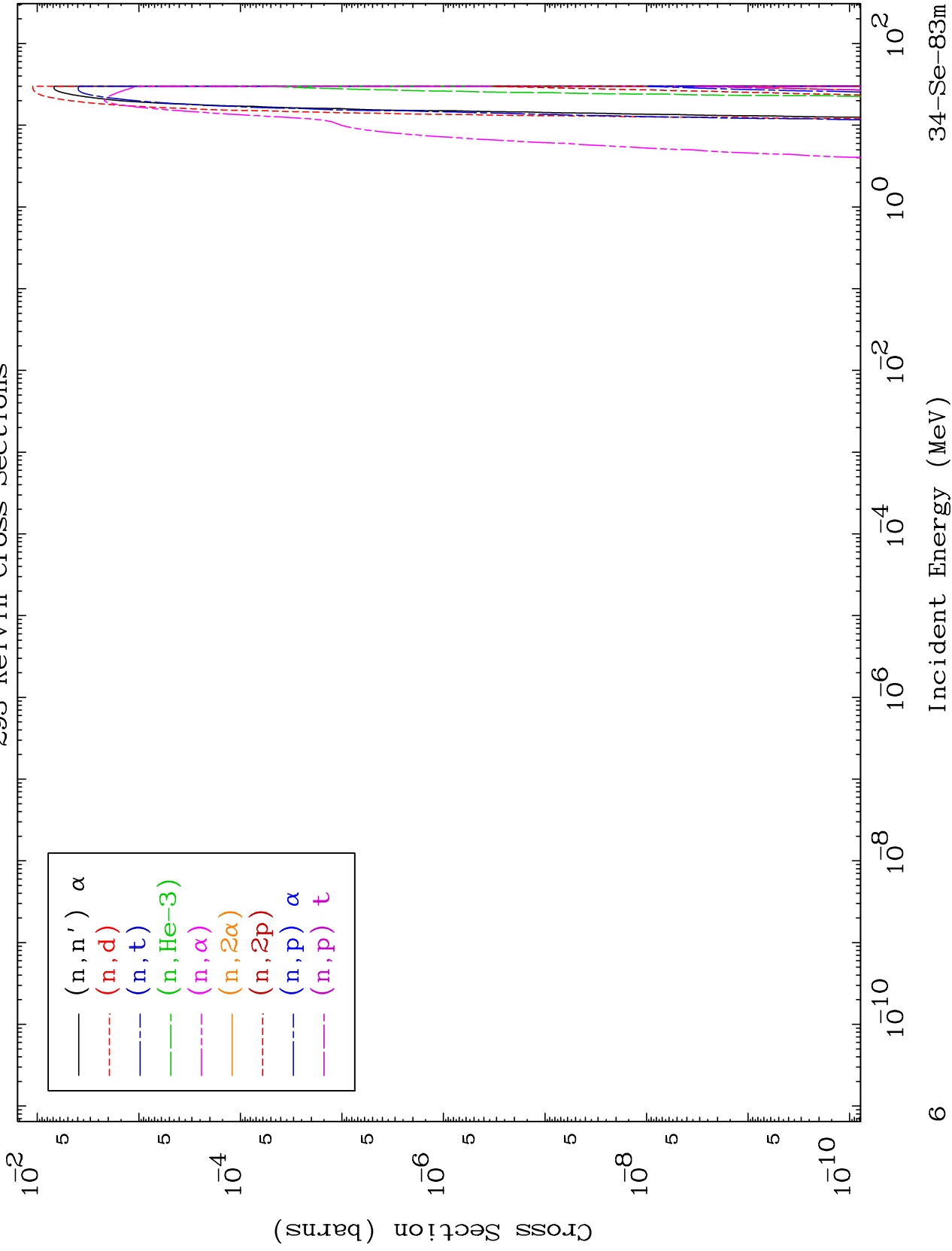




MAT 3453

Charged Particle
293 Kelvin Cross Sections

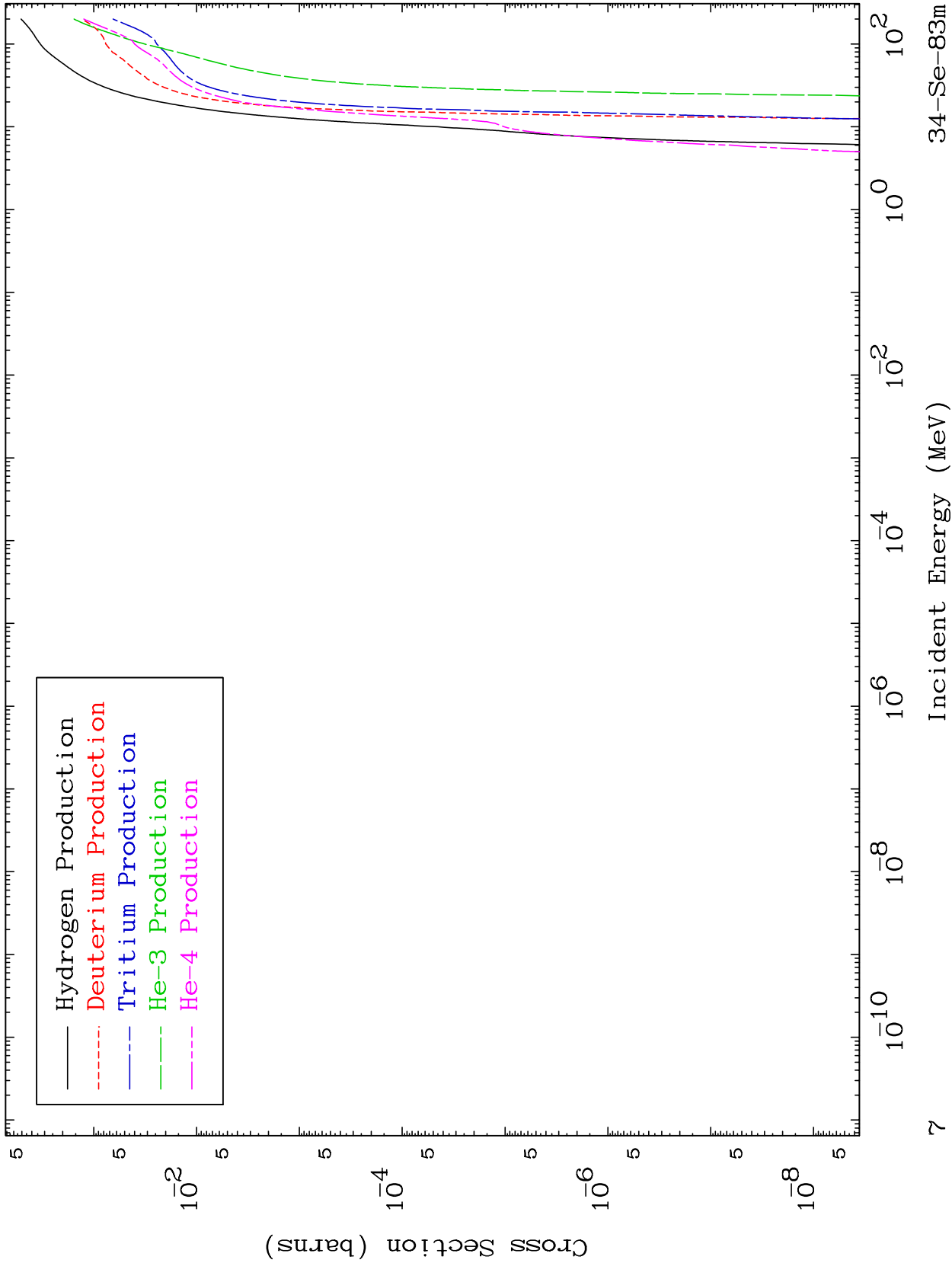
34-Se-83m



MAT 3453

Particle Production
293 Kelvin Cross Sections

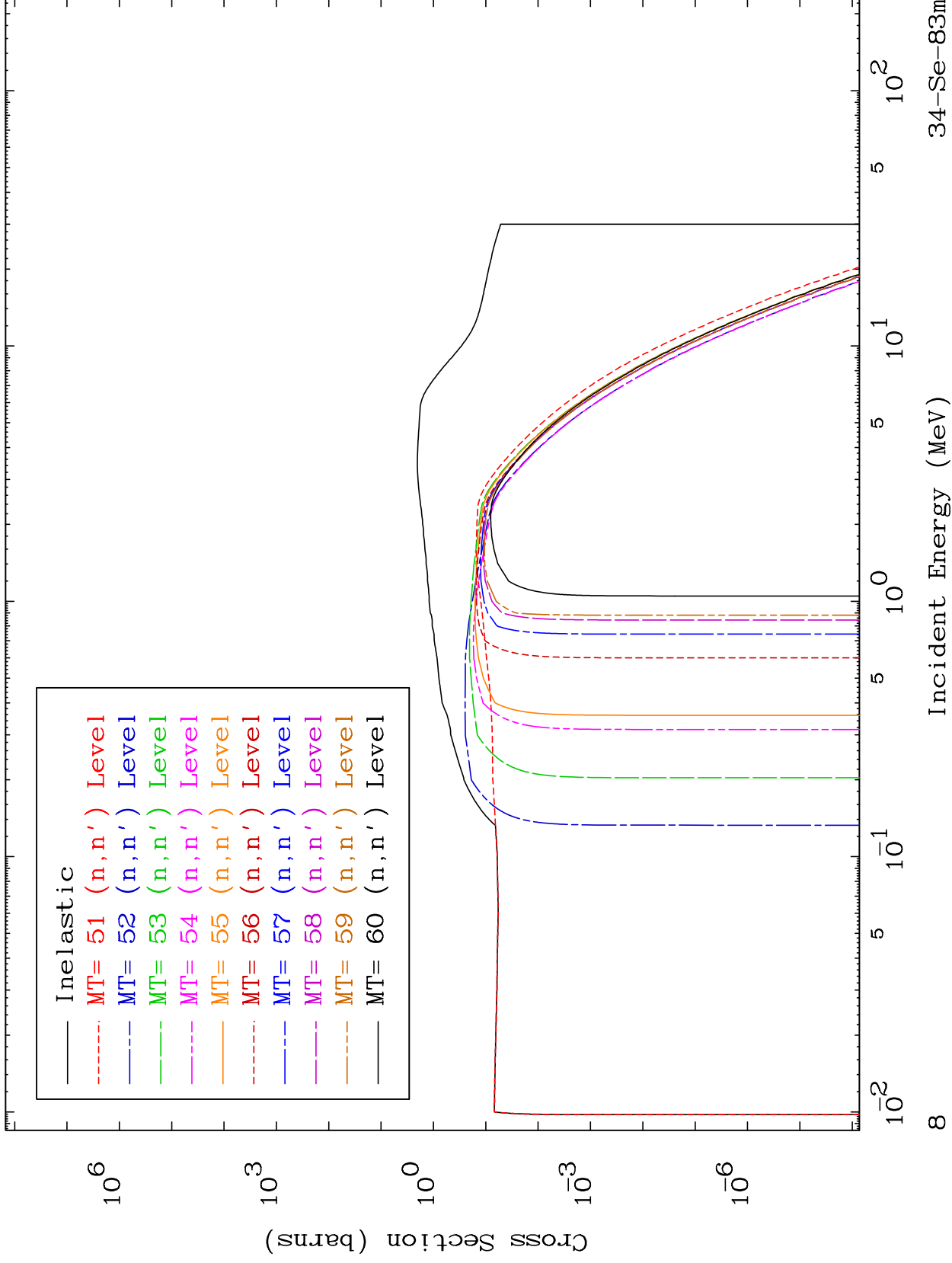
34-Se-83m



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(n,n') Levels
293 Kelvin Cross Sections

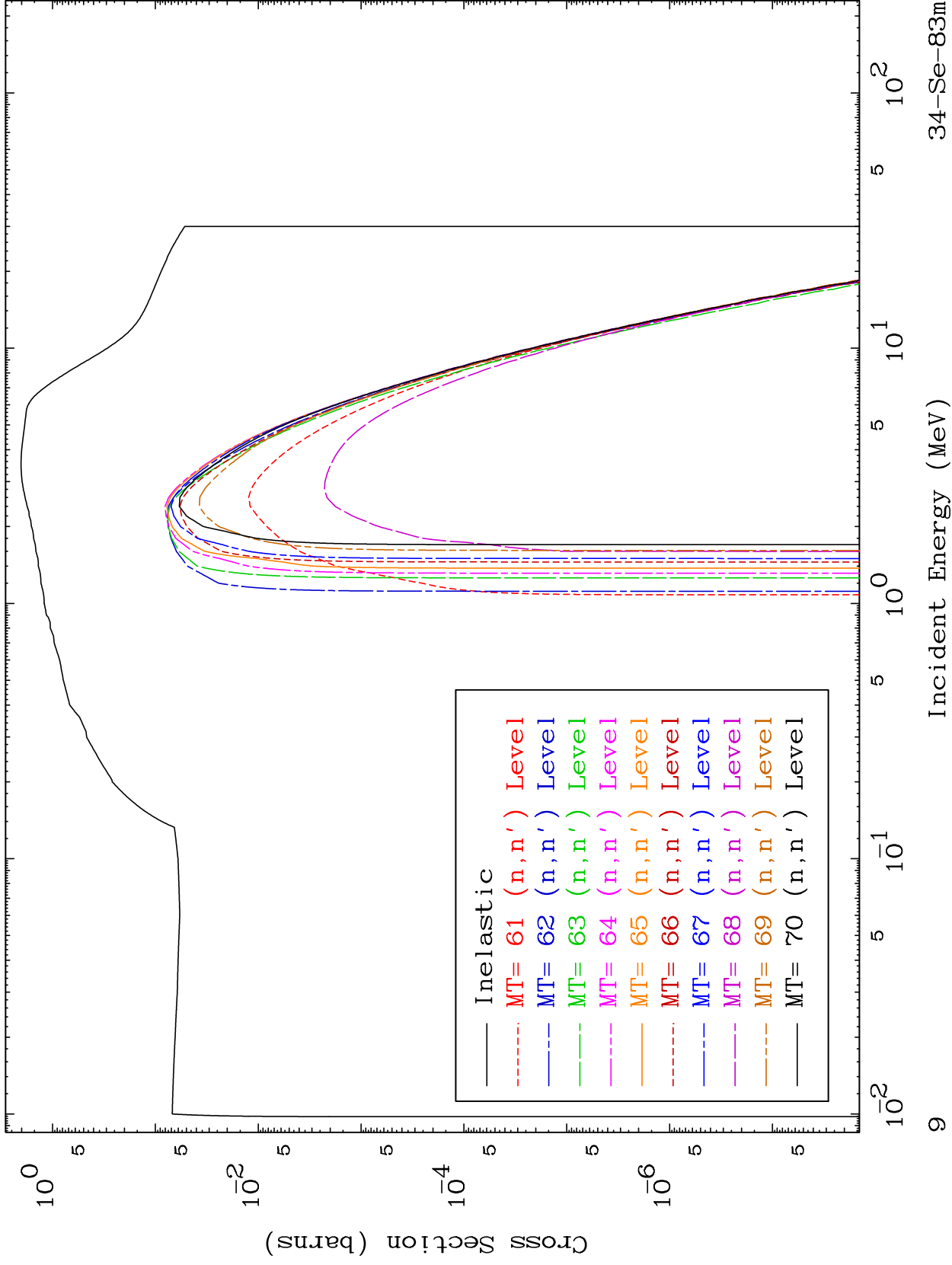
34-Se-83m



MAT 3453

(n,n') Levels
293 Kelvin Cross Sections

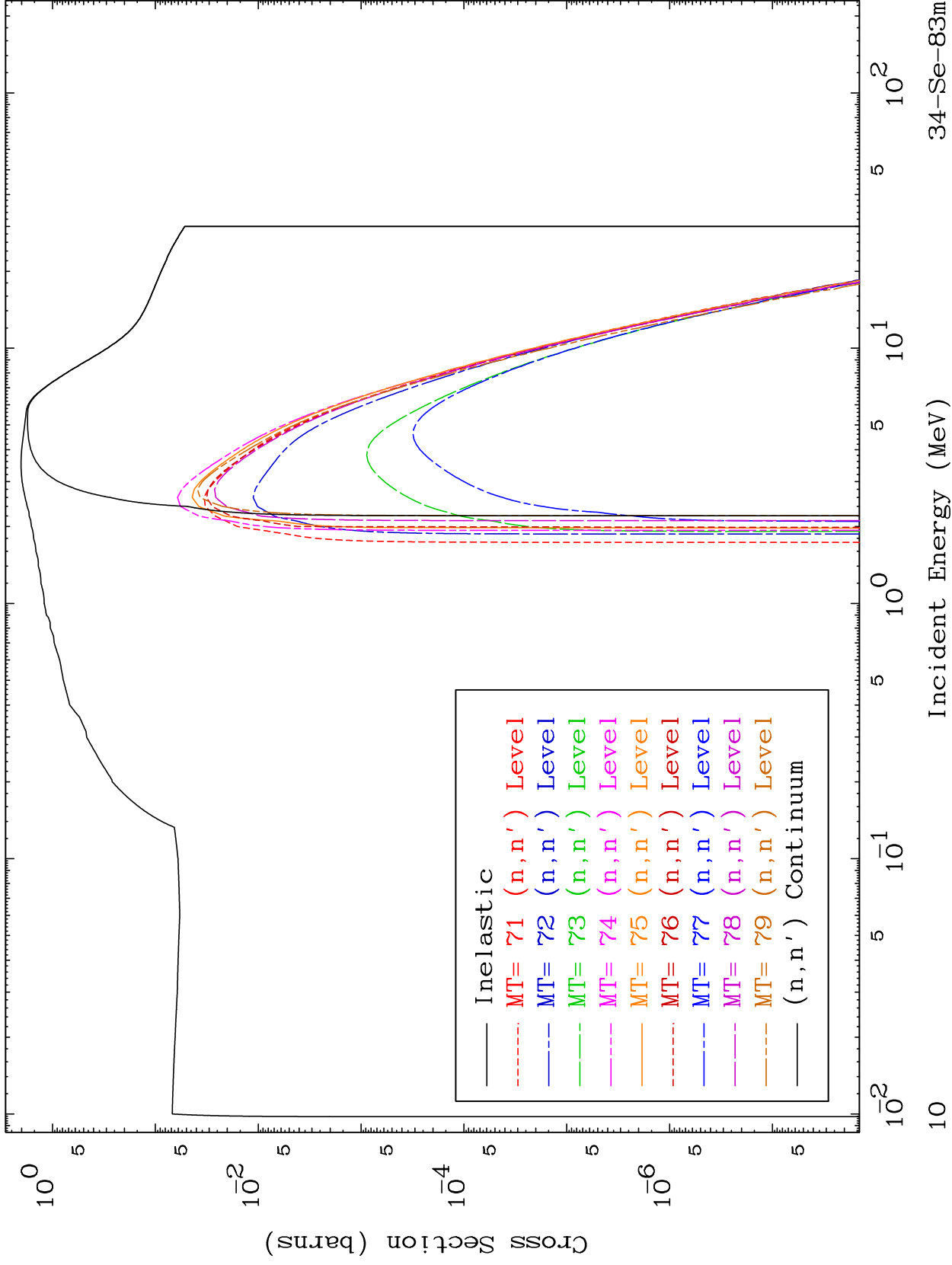
34-Se-83m



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(n,n') Levels
293 Kelvin Cross Sections

34-Se-83m

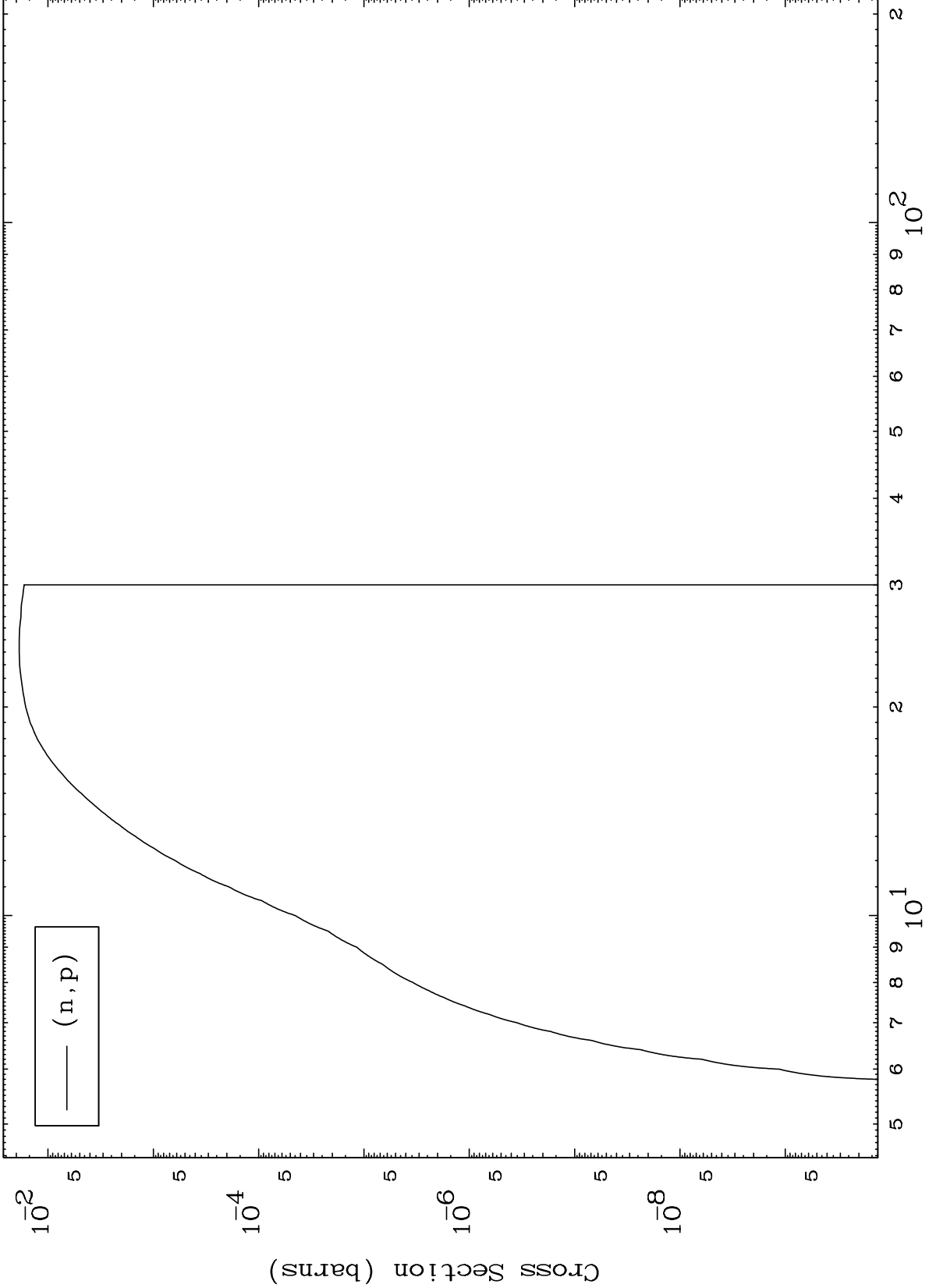


34-Se-83m

MAT 3453

(n,p) Levels
293 Kelvin Cross Sections

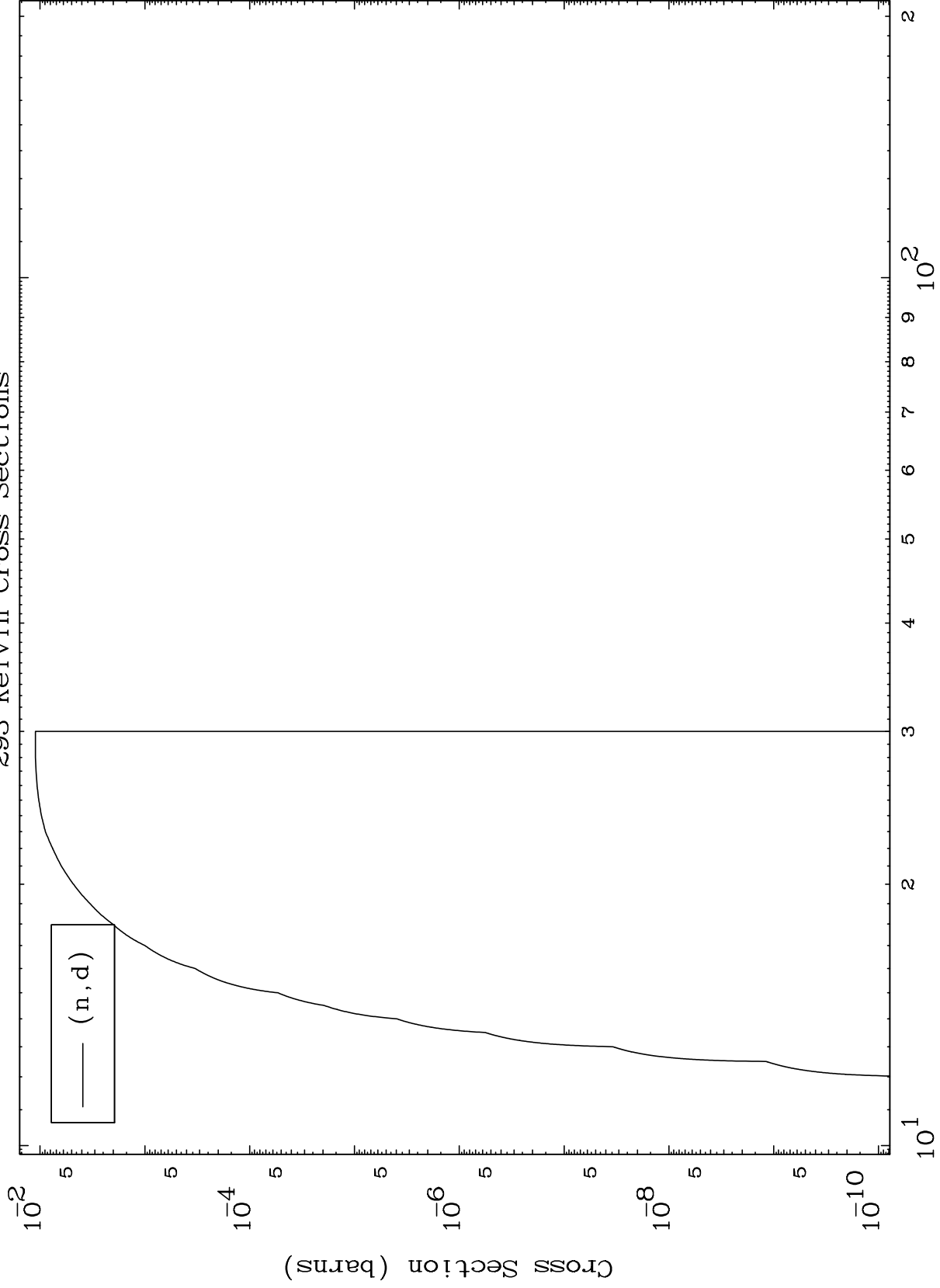
³⁴Se-83m



MAT 3453

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-83m



Incident Energy (MeV)

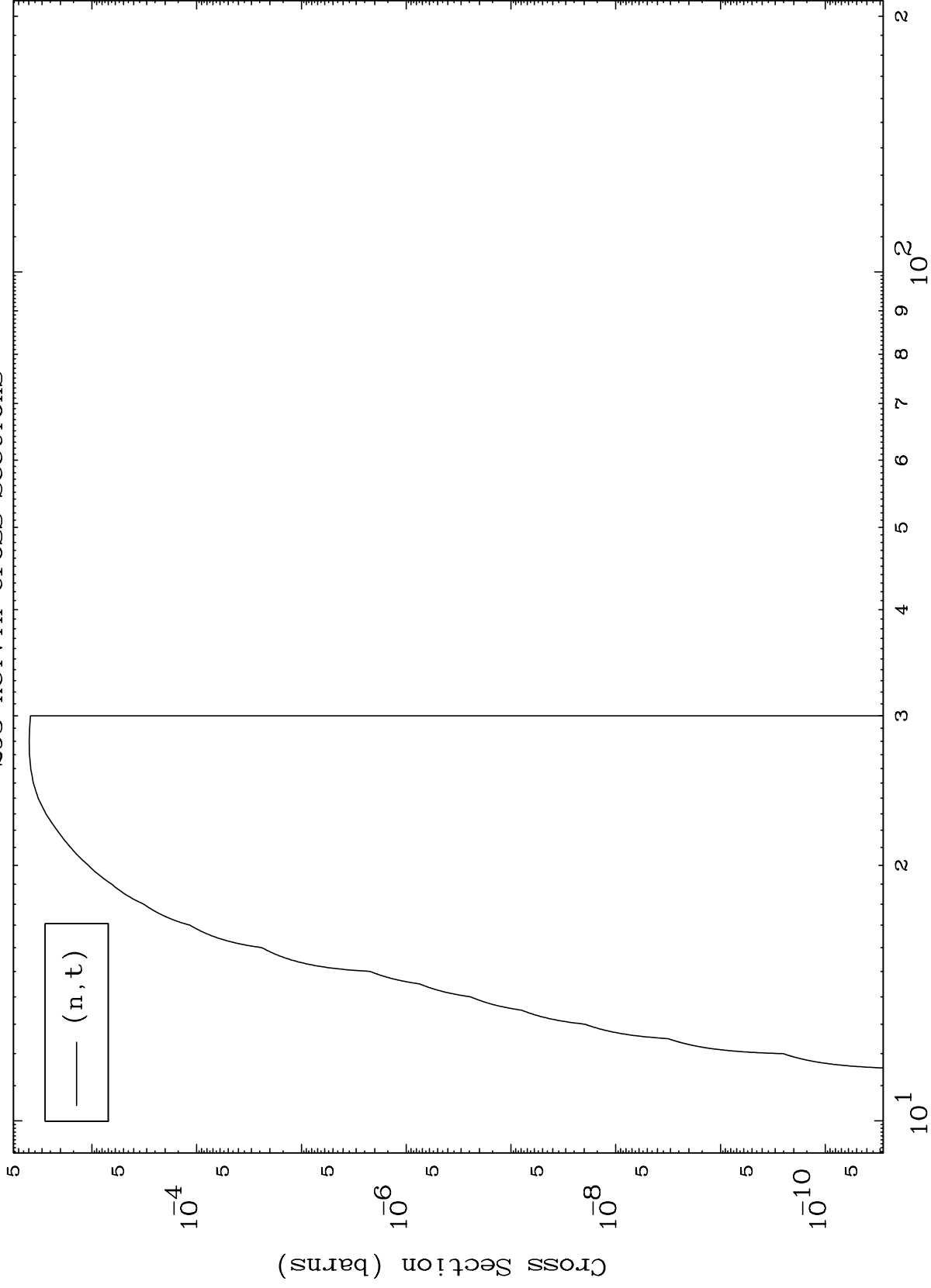
³⁴Se-83m

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(n,t) Levels
293 Kelvin Cross Sections

34-Se-83m



Incident Energy (MeV)

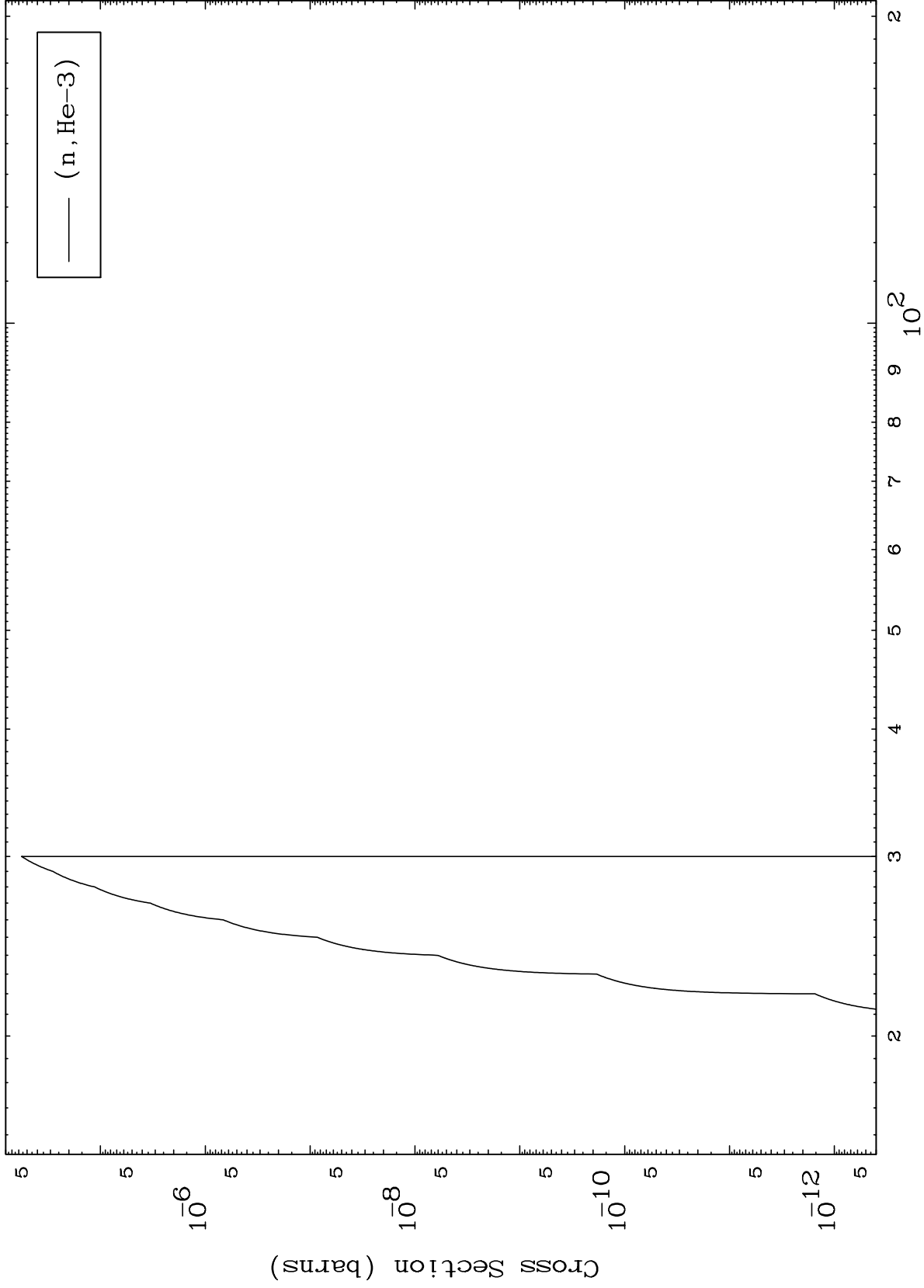
34-Se-83m

13

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(n,He3) Levels
293 Kelvin Cross Sections

34-Se-83m



14

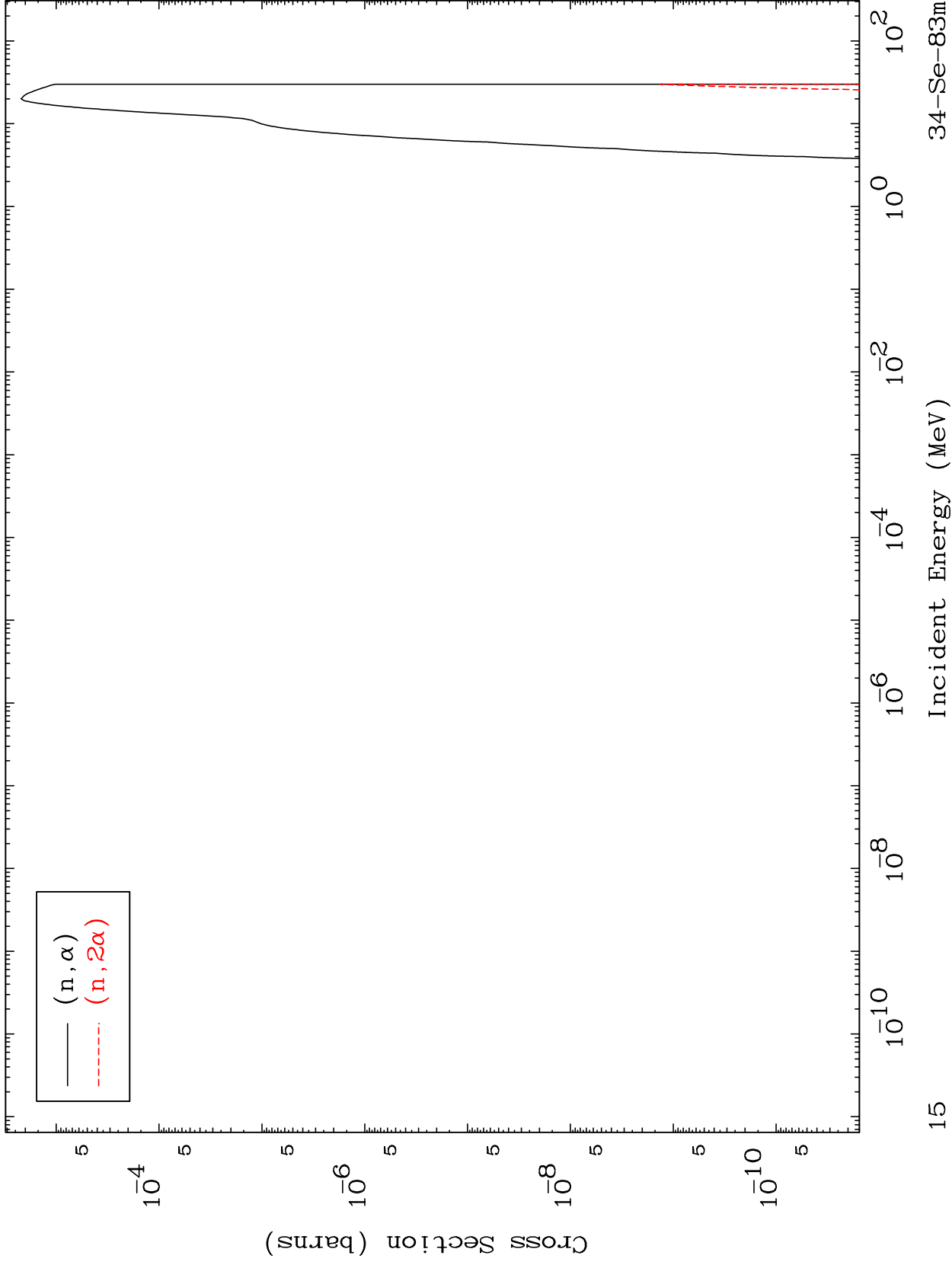
Incident Energy (MeV)

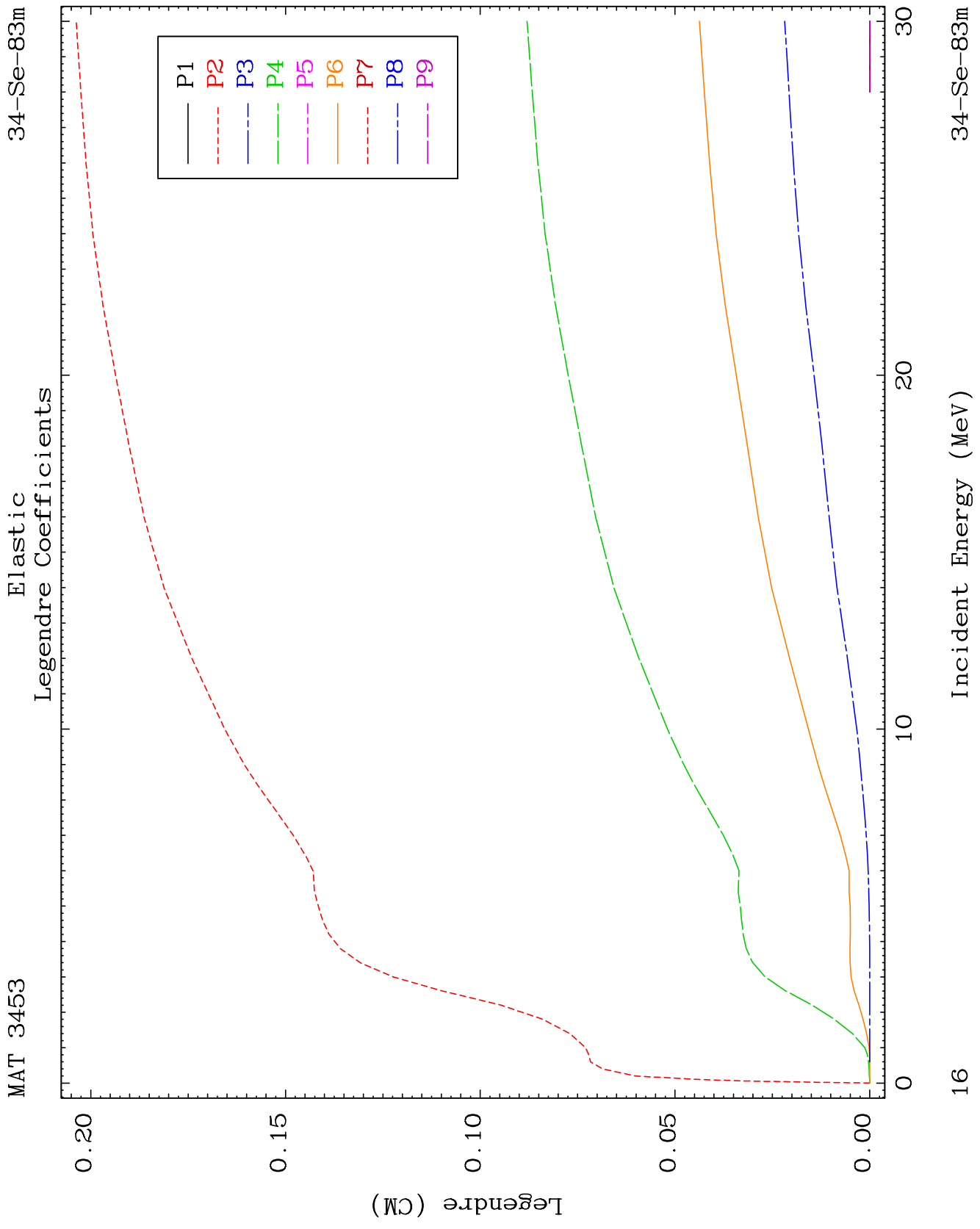
34-Se-83m

MAT 3453

(n, α) Levels
293 Kelvin Cross Sections

34-Se-83m

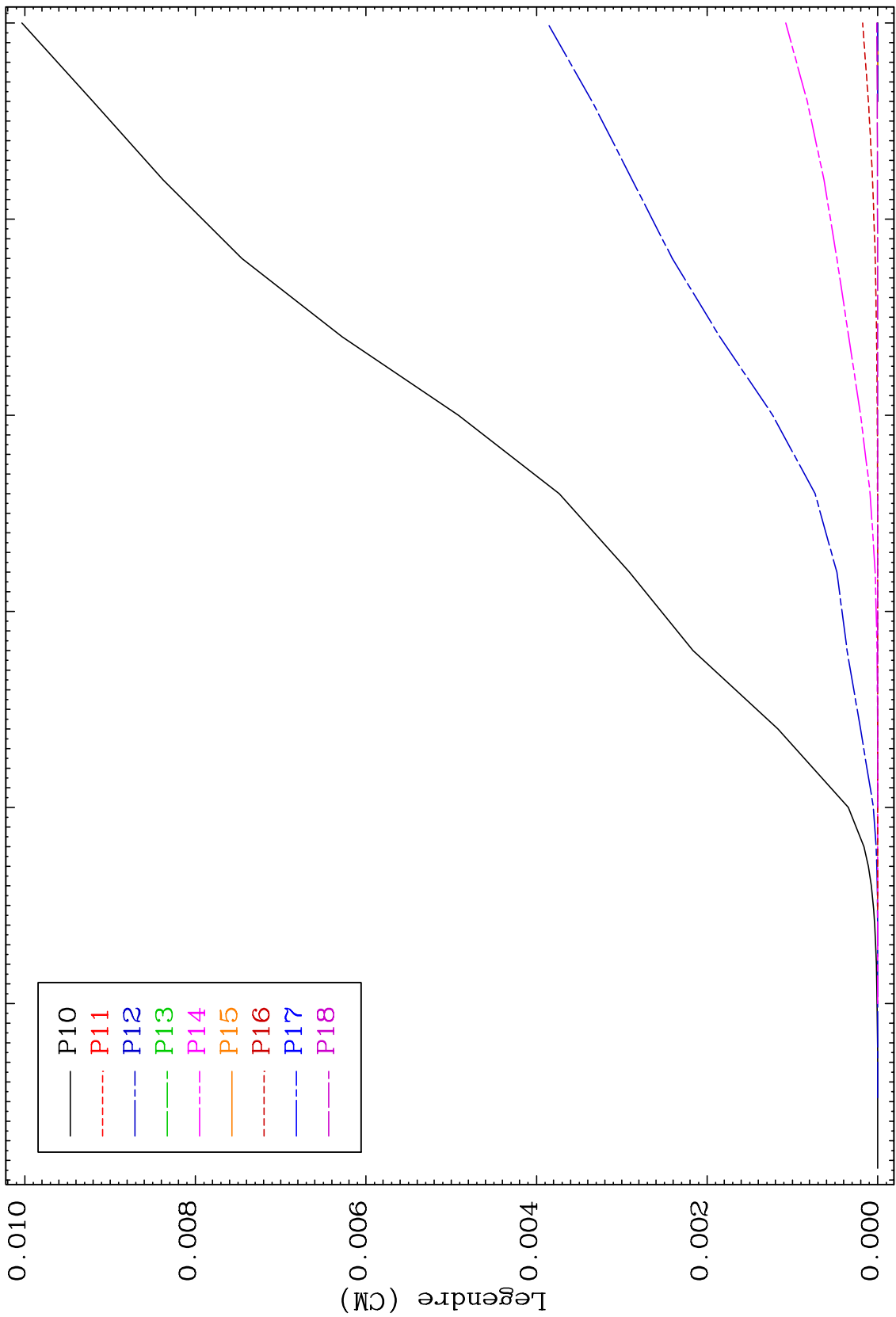




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Elastic Legendre Coefficients

³⁴Se-83m



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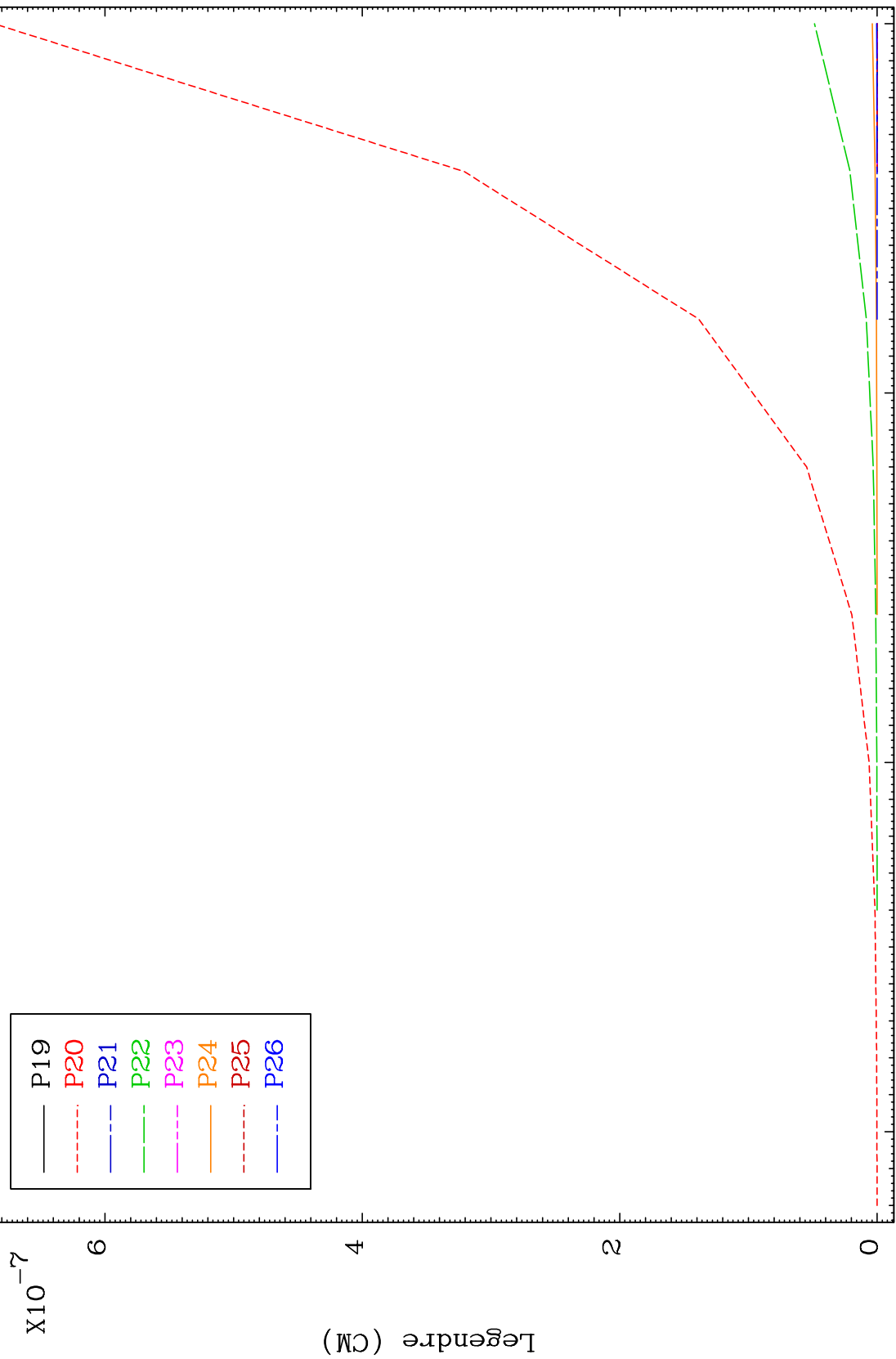
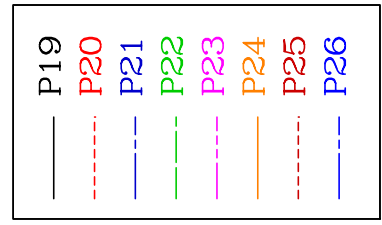
³⁴Se-83m

Incident Energy (MeV)

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Elastic Legendre Coefficients

³⁴Se-83m



18

Incident Energy (MeV)

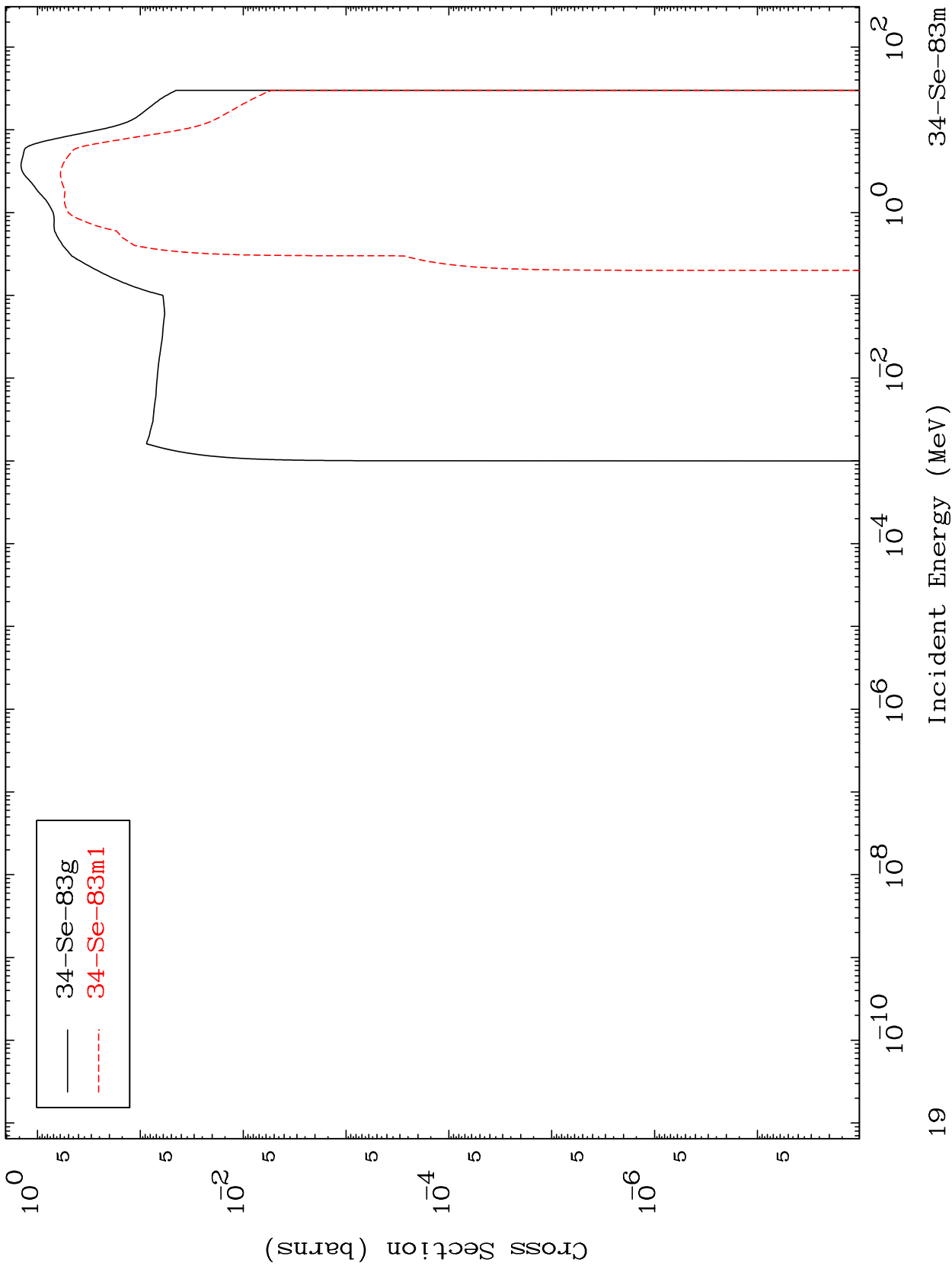
³⁴Se-83m

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Inelastic

³⁴Se-83m

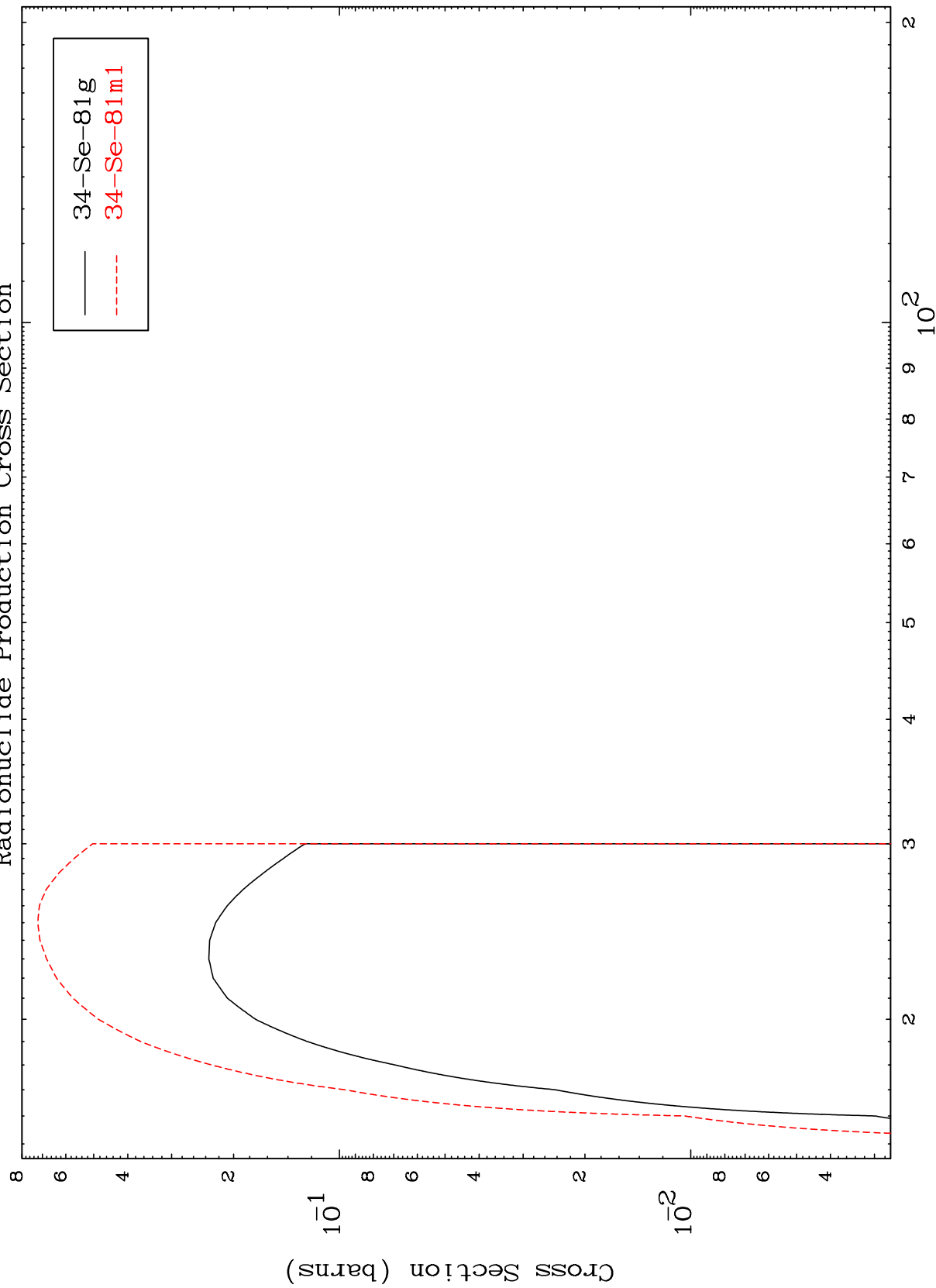
Radionuclide Production Cross Section



MAT 3453

³⁴Se-83m

(n,3n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

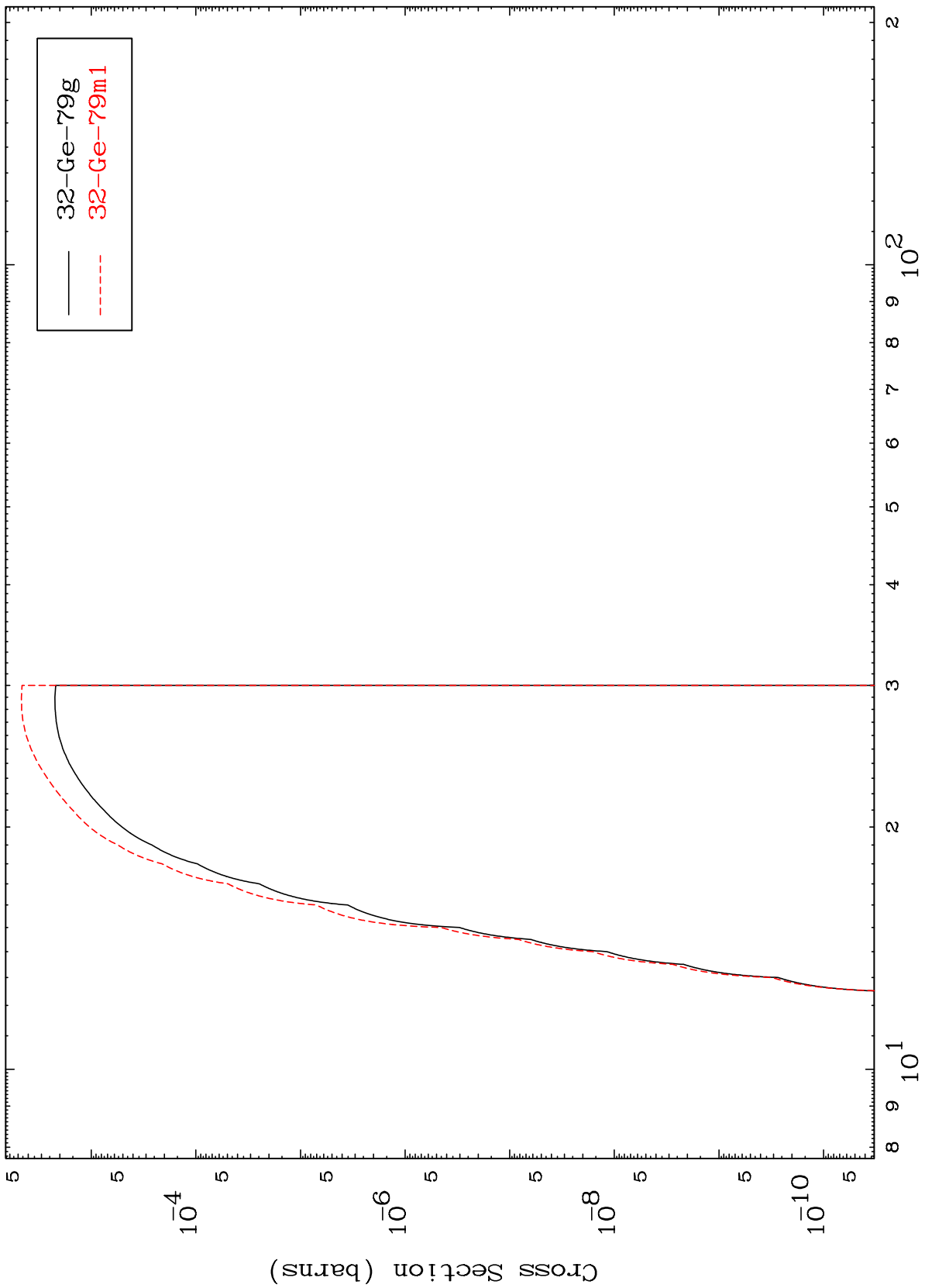
³⁴Se-83m

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³⁴Se-83m

(n,n') α

Radionuclide Production Cross Section



21

Incident Energy (MeV)

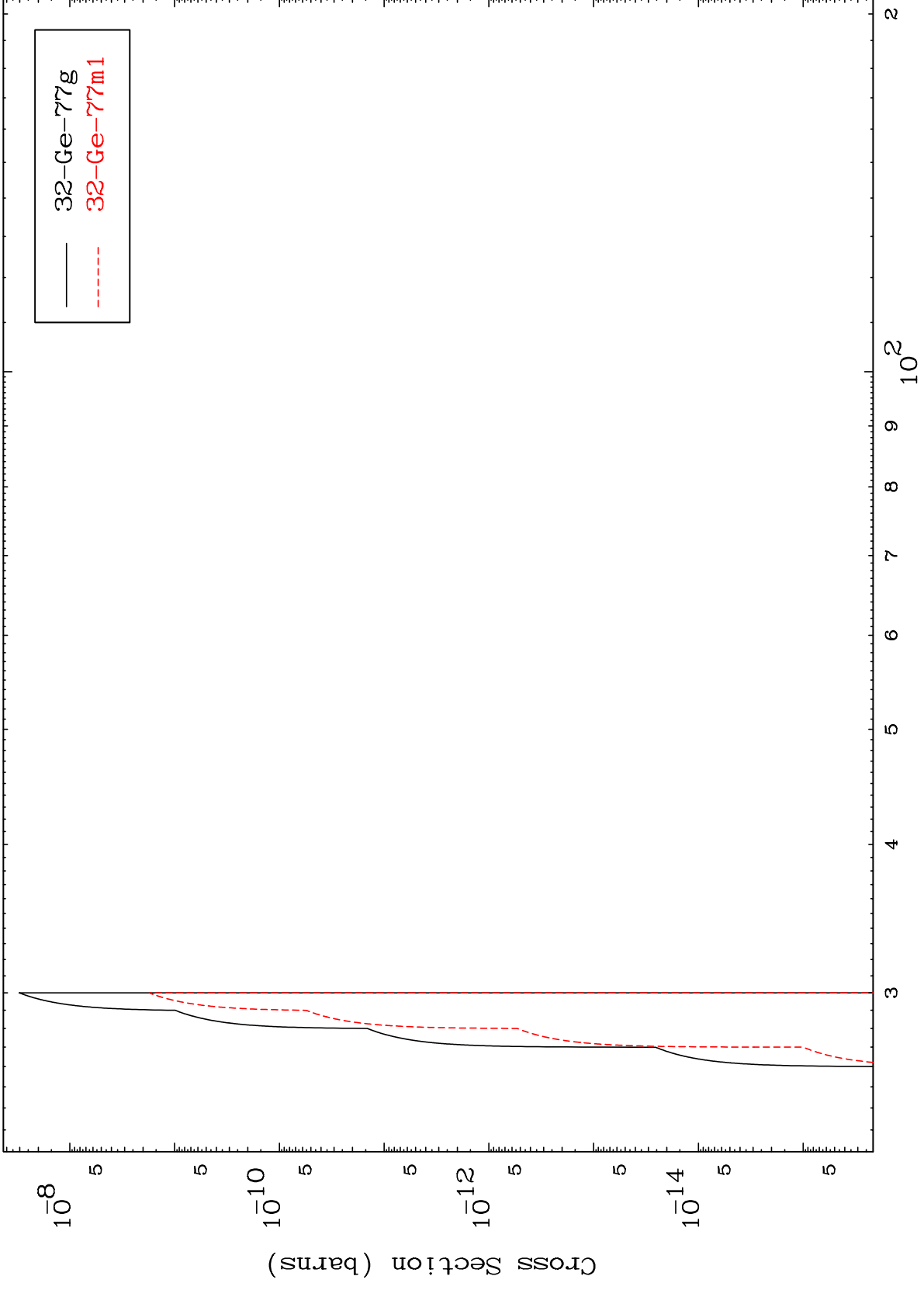
³⁴Se-83m

MAT 3453

(n,3n) α

³⁴Se-83m

Radionuclide Production Cross Section



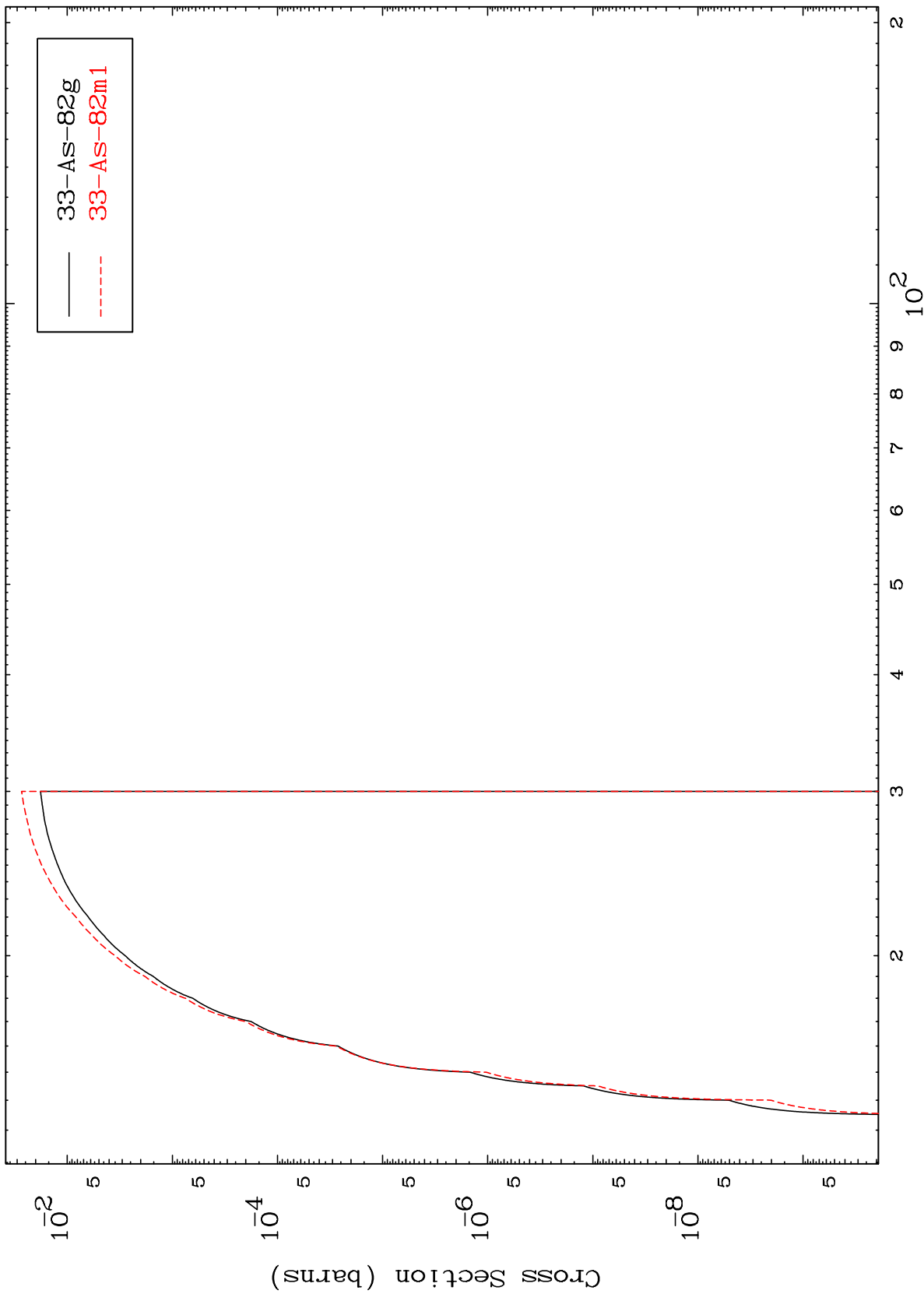
32-Ge-77g
32-Ge-77m1

22

Incident Energy (MeV)

³⁴Se-83m

Radionuclide Production Cross Section

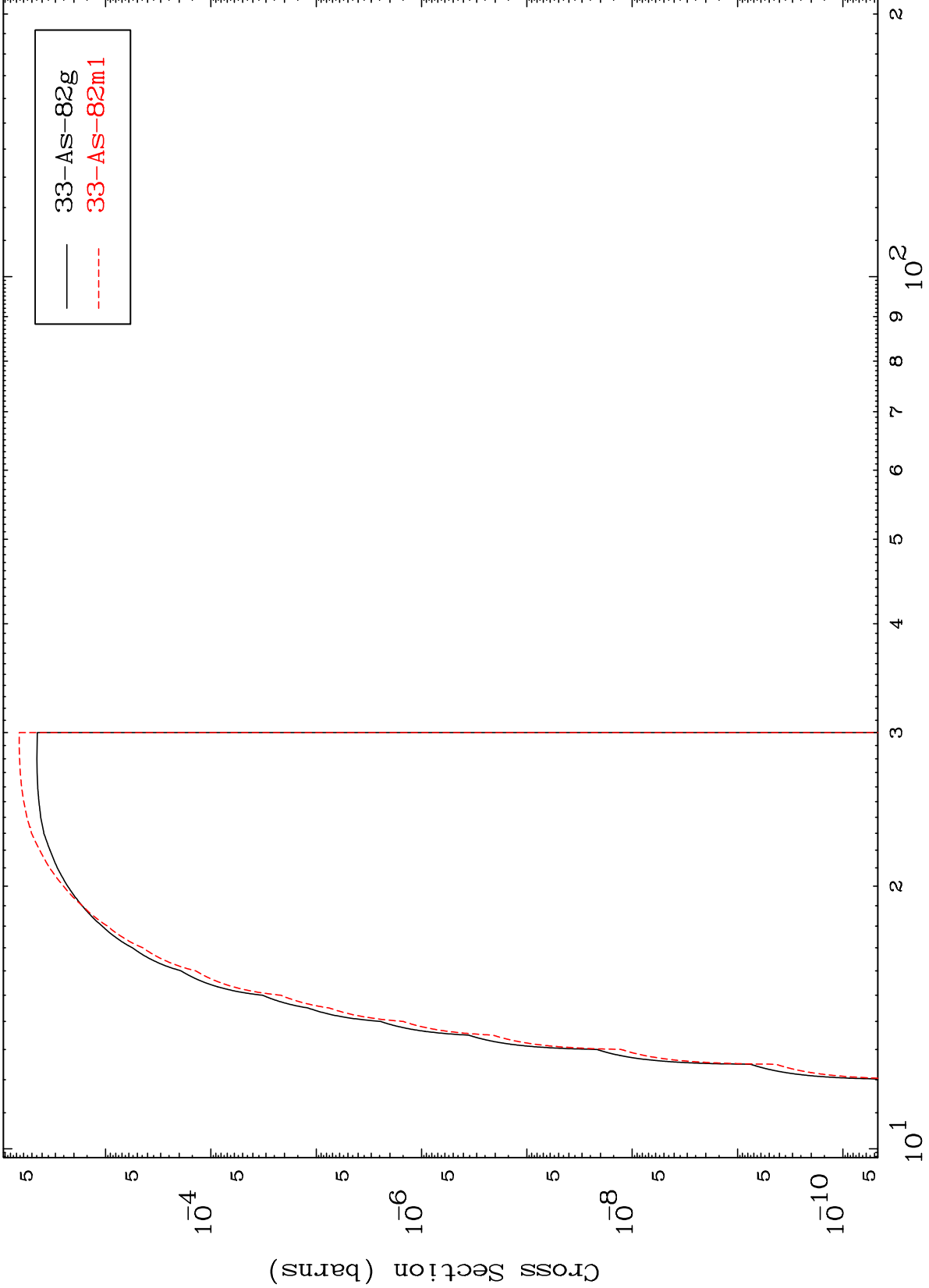


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(n,d)

34-Se-83m

Radionuclide Production Cross Section



Incident Energy (MeV)

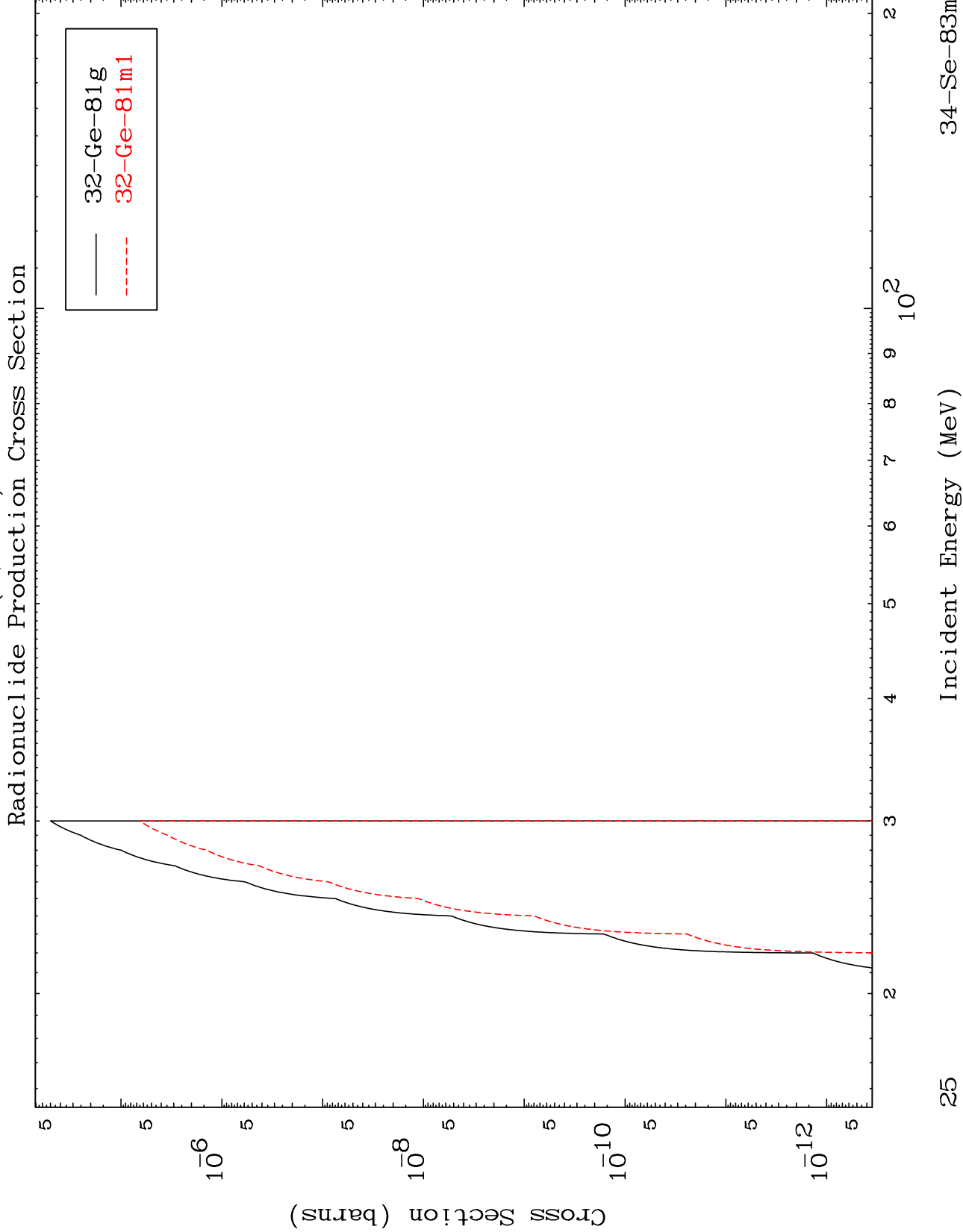
34-Se-83m

24

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(n,He-3)

34-^{Se-83m}



25

34-^{Se-83m}